DEMOLITION - NILES PROPERTY

TOWN OF ADDISON
PAYMENT AUTHORIZATION MEMO

DATE: 3/28/02 Claim # _____ Check $ 51,000.00

Vendor No. _____

Vendor Name LINDAMOOD CONSTRUCTION CO., INC.

Address 2020 SOUTH NURSERY ROAD

Address IRVING, TEXAS 75060

Address _____

Zip Code _____

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	($000,000.00)
	46	000	58210	83300		51,000.00

TOTAL 51,000.00

EXPLANATION FINAL PAYMENT TO LINDAMOOD CONSTRUCTION CO., INC. FOR NICE PROPERTIES DEMOLITION, AS PART OF ARAPAHO RD., PH. II PROJECT

Steve Chutchian
Authorized Signature

Finance

LINDAMOOD CONSTRUCTION CO., INC.

2020 SOUTH NURSERY ROAD
IRVING, 75060

Invoice

DATE	INVOICE #
1/28/2002	3308

BILL TO

ATTN: LUKE JALBERT
TOWN OF ADDISON
PO BOX 9010
ADDISON TX 75001-9010

P.O. NO.	TERMS	PROJECT

QUANTITY	DESCRIPTION	RATE	AMOUNT
	Contract price for Niles Property Demolition Bid 02-09	42,500.00	42,500.00
	Change order to clean out warehouse and haul off trash	7,500.00	7,500.00
	Change order to remove shelving and deliver to owner	1,000.00	1,000.00
		Total	$51,000.00

D.K
SE
3/15/02

APPLICATION AND CERTIFICATE FOR PAYMENT AIA DOCUMENT G702 (Instructions on reverse side) PAGE ONE OF PAGES

TO OWNER:
Town of Addison
16801 Westgrove Drive
Addison, Texas 75001-9019

PROJECT: Nile Properties Demolition

APPLICATION NO.: 1
PERIOD TO: 3/7/02
PROJECT NOS.:

Distribution to:
☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR
☐
☐

FROM CONTRACTOR:
Lindamood Construction
2020 S. Nursery
Irving, Texas 75060

VIA ARCHITECT:

CONTRACT DATE: 12/11/01

CONTRACT FOR:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	$ 42,500.00
2. Net change by Change Orders	$ 8,500.00
3. CONTRACT SUM TO DATE (Line 1 ± 2)	$ 51,000.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	$ 51,000.00
5. RETAINAGE:	
a. ____% of Completed Work (Columns D + E on G703)	$
b. ____% of Stored Material (Column F on G703)	$
Total Retainage (Line 5a + 5b or Total in Column I of G703)	$ 0.00
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$ 51,000.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$ 0.00
8. CURRENT PAYMENT DUE	$ 51,000.00
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$ 0.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month	8,500.00	
TOTALS		
NET CHANGES by Change Order	8,500.00	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Kyle Lindamood

By: _____ Date: 3/7/02

State of: Texas
County of: Dallas
Subscribed and sworn to before me this 7th. day of March, 2002

Notary Public:
My Commission expires: 03-25-04

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ..... $ _____

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

G702-1992

APPLICATION AND CERTIFICATE FOR PAYMENT

APPLICATION NUMBER: 1
APPLICATION DATE: 3/7/2002
PERIOD TO: 3/7/2002
ARCHITECT'S PROJECT NO:

	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	0% G/C	BALANCE TO FINISH (C-G)	RETAINAGE
			FROM PREVIOUS APPLICATION (D+E)	THIS PERIOD					
1	Building Demolition, Pavement Removal and Grading	42,500.00	0.00	42,500.00	0.00	42,500.00	100%	0.00	0.00
2	Change Order for cleaning out warehouse and removal of shelving	8,500.00	0.00	8,500.00	0.00	8,500.00	100%	0.00	0.00
	TOTAL	51,000.00	0.00	51,000.00	0.00	51,000.00		0.00	0.00

#26-1

Passed

Council Agenda Item: #26

SUMMARY:

This item is for final payment and acceptance of construction performed by Lindamood Construction Co., Inc., for the Niles Properties Demolition Project.

FINANCIAL IMPACT:

Budgeted Amount: Not specifically budgeted, but funds are available as part of the Arapaho Road, Phase II/III project totaling $20.5 million.

Cost: $51,000.00

BACKGROUND:

In conjunction with the proposed construction of Phase II of Arapaho Road, from Marsh Lane to Surveyor Blvd., it was necessary to perform demolition of an existing office/warehouse structure on property that was recently acquired by the Town from Niles Properties through the eminent domain process. A contract was awarded to Lindamood Construction Co., Inc., in the amount of $42,500.00, to demolish the building. Due to necessary on-site field changes, including removal and hauling off an excessive amount of trash and debris from the structure, the total project cost was increased by $8,500.00. This resulted in a final contract cost of $51,000.00.

The contractor has submitted his Affidavit of Bills Paid, Maintenance Bond, and Consent of Surety Company to Final Payment.

RECOMMENDATION:

Staff recommends that Council authorize the final payment to Lindamood Construction Co., Inc., in the amount of $51,000, and accept the Niles Properties Demolition.

LINDAMOOD CONSTRUCTION CO., INC.

2020 SOUTH NURSERY ROAD
IRVING, 75060

Invoice

DATE	INVOICE #
1/28/2002	3308

BILL TO

ATTN: LUKE JALBERT
TOWN OF ADDISON
PO BOX 9010
ADDISON TX 75001-9010

P.O. NO.	TERMS	PROJECT

QUANTITY	DESCRIPTION	RATE	AMOUNT
	Contract price for Niles Property Demolition Bid 02-09	42,500.00	42,500.00
	Change order to clean out warehouse and haul off trash	7,500.00	7,500.00
	Change order to remove shelving and deliver to owner	1,000.00	1,000.00
		Total	$51,000.00

D.K. sge 3/15/02

#26-3 P.3

APPLICATION AND CERTIFICATE FOR PAYMENT AIA DOCUMENT G702 (Instructions on reverse side) PAGE ONE OF PAGES

TO OWNER:
Town of Addison
16801 Westgrove Drive
Addison, Texas 75001-9019

PROJECT:
Nile Properties Demolition

APPLICATION NO.: 1
PERIOD TO: 3/7/02
PROJECT NOS.:

Distribution to:
☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR
☐
☐

FROM CONTRACTOR:
Lindamood Construction
2020 S. Nursery
Irving, Texas 75060

VIA ARCHITECT:

CONTRACT DATE: 12/11/01

CONTRACT FOR:

MAR 07 2002 2:56PM LINDAMOOD CONSTRUCTION CO 972-438-6745

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM		$ 42,500.00
2. Net change by Change Orders		$ 8,500.00
3. CONTRACT SUM TO DATE (Line 1 ± 2)		$ 51,000.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)		$ 51,000.00
5. RETAINAGE:		
a. _____% of Completed Work (Columns D + E on G703)	$	
b. _____% of Stored Material (Column F on G703)	$	
Total Retainage (Line 5a + 5b or Total in Column I of G703)		$ 0.00
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)		$ 51,000.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)		$ 0.00
8. CURRENT PAYMENT DUE		$ 51,000.00
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)		$ 0.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month	8,500.00	
TOTALS		
NET CHANGES by Change Order	8,500.00	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: Kyle Lindamood Date: 3/7/02

State of: Texas
County of: Dallas
Subscribed and sworn to before me this 7th. day of March, 2002

Notary Public:
My Commission expires: 03-25-04

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ..... $ _____

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

APPLICATION AND CERTIFICATE FOR PAYMENT

APPLICATION NUMBER: 1
APPLICATION DATE: 3/7/2002
PERIOD TO: 3/7/2002
ARCHITECT'S PROJECT NO:

	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED FROM PREVIOUS APPLICATION (D+E)	WORK COMPLETED THIS PERIOD	MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	0% G/C	BALANCE TO FINISH (C-G)	RETAINAGE
1	Building Demolition, Pavement Removal and Grading	42,500.00	0.00	42,500.00	0.00	42,500.00	100%	0.00	0.00
2	Change Order for cleaning out warehouse and removal of shelving	8,500.00	0.00	8,500.00	0.00	8,500.00	100%	0.00	0.00
	TOTAL	51,000.00	0.00	51,000.00	0.00	51,000.00		0.00	0.00

DATE SUBMITTED: March 15, 2002
FOR COUNCIL MEETING: March 26, 2002

Council Agenda Item:

SUMMARY:

This item is for final payment and acceptance of construction performed by Lindamood Construction Co., Inc., for the Niles Properties Demolition Project.

FINANCIAL IMPACT:

Budgeted Amount: Not specifically budgeted, but funds are available as part of the Arapaho Road, Phase II/III project totaling $20.5 million.

Cost: $51,000.00

BACKGROUND:

In conjunction with the proposed construction of Phase II of Arapaho Road, from Marsh Lane to Surveyor Blvd., it was necessary to perform demolition of an existing office/warehouse structure on property that was recently acquired by the Town from Niles Properties through the eminent domain process. A contract was awarded to Lindamood Construction Co., Inc., in the amount of $42,500.00, to demolish the building. Due to necessary on-site field changes, including removal and hauling off an excessive amount of trash and debris from the structure, the total project cost was increased by $8,500.00. This resulted in a final contract cost of $51,000.00.

The contractor has submitted his Affidavit of Bills Paid, Maintenance Bond, and Consent of Surety Company to Final Payment.

RECOMMENDATION:

Staff recommends that Council authorize the final payment to Lindamood Construction Co., Inc., in the amount of $51,000, and accept the Niles Properties Demolition.

LINDAMOOD CONSTRUCTION CO., INC.

2020 SOUTH NURSERY ROAD
IRVING, 75060

Invoice

DATE	INVOICE #
1/28/2002	3308

BILL TO
ATTN: LUKE JALBERT TOWN OF ADDISON PO BOX 9010 ADDISON TX 75001-9010

P.O. NO.	TERMS	PROJECT

QUANTITY	DESCRIPTION	RATE	AMOUNT
	Contract price for Niles Property Demolition Bid 02-09	42,500.00	42,500.00
	Change order to clean out warehouse and haul off trash	7,500.00	7,500.00
	Change order to remove shelving and deliver to owner	1,000.00	1,000.00
		Total	$51,000.00

J.K.
SC
3/15/02

APPLICATION AND CERTIFICATE FOR PAYMENT AIA DOCUMENT G702 (Instructions on reverse side) PAGE ONE OF PAGES

TO OWNER:
Town of Addison
16801 Westgrove Drive
Addison, Texas 75001-9019

PROJECT: Nile Properties Demolition

APPLICATION NO.: 1
PERIOD TO: 3/7/02
PROJECT NOS.:

Distribution to:
☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR
☐
☐

FROM CONTRACTOR:
Lindamood Construction
2020 S. Nursery
Irving, Texas 75060

VIA ARCHITECT:

CONTRACT DATE: 12/11/01

CONTRACT FOR:

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

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5. RETAINAGE:	
a. _____% of Completed Work (Columns D + E on G703)	$
b. _____% of Stored Material (Column F on G703)	$
Total Retainage (Line 5a + 5b or Total in Column I of G703)	$ 0.00
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$ 51,000.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$ 0.00
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9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	$ 0.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month	8,500.00	
TOTALS		
NET CHANGES by Change Order	8,500.00	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Kyle Lindamood

By: _____ Date: 3/7/02

State of: Texas
County of: Dallas
Subscribed and sworn to before me this, 7th. day of March, 2002

Notary Public:
My Commission expires: 03-25-04

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ..... $ _____

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

APPLICATION AND CERTIFICATE FOR PAYMENT

APPLICATION NUMBER: 1
APPLICATION DATE: 3/7/2002
PERIOD TO: 3/7/2002
ARCHITECT'S PROJECT NO:

A	B	C	D	E	F	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	0% G/C	BALANCE TO FINISH (C-G)	RETAINAGE
			FROM PREVIOUS APPLICATION (D+E)	THIS PERIOD					
1	Building Demolition, Pavement Removal and Grading	42,500.00	0.00	42,500.00	0.00	42,500.00	100%	0.00	0.00
2	Change Order for cleaning out warehouse and removal of shelving	8,500.00	0.00	8,500.00	0.00	8,500.00	100%	0.00	0.00
	TOTAL	51,000.00	0.00	51,000.00	0.00	51,000.00		0.00	0.00

LINDAMOOD CONSTRUCTION CO., INC.

2020 SOUTH NURSERY ROAD
IRVING, 75060

Invoice

DATE	INVOICE #
1/28/2002	3308

BILL TO
ATTN: LUKE JALBERT TOWN OF ADDISON PO BOX 9010 ADDISON TX 75001-9010

P.O. NO.	TERMS	PROJECT

QUANTITY	DESCRIPTION	RATE	AMOUNT
	Contract price for Niles Property Demolition Bid 02-09	42,500.00	42,500.00
	Change order to clean out warehouse and haul off trash	7,500.00	7,500.00
	Change order to remove shelving and deliver to owner	1,000.00	1,000.00
		Total	$51,000.00

JOHN BIRD PHOTOGRAPHY

"A PROFESSIONAL SERVICE FOR THE CONSTRUCTION INDUSTRY"

P.O. BOX 1148, MIDLOTHIAN, TX 76065

PHONE 972/775-8604 TOLL FREE 1-800/661-8604 FAX 972/775-7860

2.25.02

~~02/13/02~~

PHOTO FAX

TO: LUKE JALBERT
PROJECT MANAGER
TOWN OF ADDISON

NUMBER OF PAGES: 4, INCLUDING COVER SHEET

YOUR ASSISTANCE IN PROCESSING THE ENCLOSED INVOICES WOULD BE APPRECIATED!

JOHN BIRD

LUKE - ANY PROBLEMS W/ INVOICE OR PHOTOGRAPHY - ? JB

JOHN BIRD PHOTOGRAPHY
PO BOX 1148
MIDLOTHIAN, TX. 76065
Phone (972) 775-8604

Invoice

DATE	INVOICE NO.
12/31/'01	2722

BILL TO	SHIP TO
Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010	Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010

TERMS	ORDER NUMBER	PERIOD
On Receipt	Verbal	

DESCRIPTION	DATE	QTY	RATE	AMOUNT
Interior Photography, All Expenses and labor	12/19/'01		370.00	370.00

15113&15111 Surveyor, Addison, TX

Total $370.00

JOHN BIRD PHOTOGRAPHY
PO BOX 1148
MIDLOTHIAN, TX. 76065
Phone (972) 775-8604

Invoice

DATE	INVOICE NO.
12/31/'01	2721

BILL TO	SHIP TO
Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010	Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010

TERMS	ORDER NUMBER	PERIOD
On Receipt	Verbal	

DESCRIPTION	DATE	QTY	RATE	AMOUNT
Exterior Photography, including all expenses and labor	12/14/'01		165.00	165.00

15115,15113,15111,15109 Surveyor, Addison, TX.

Total $165.00

JOHN BIRD PHOTOGRAPHY
PO BOX 1148
MIDLOTHIAN, TX. 76065
Phone (972) 775-8604

Invoice

DATE	INVOICE NO.
12/31/'01	2720

BILL TO	SHIP TO
Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010	Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010

TERMS	ORDER NUMBER	PERIOD
On Receipt	Verbal	

DESCRIPTION	DATE	QTY	RATE	AMOUNT
Interior Photography/All expenses and labor	12/11/'01		370.00	370.00

15115 & 15109 Surveyor, Addison, TX

Total $370.00

STATEWIDE SURETY - 1825 MARKET CENTER BLVD., STE. 385,
DALLAS, TX 75207

FAX

TO: STEVE CHUTCHIAN

COMPANY: TOWN OF ADDISON

FAX: 972-450-2837

PHONE:

RE: LINDAMOOD CONST. CO., INC./BOND NO. 118920

March 14, 2002

FROM: GWENN HALL

NUMBER OF PAGES INCLUDING COVER

-----2----

MESSAGE:

PLEASE COMPLETE THE FOLLOWING STATUS INQUIRY AND RETURN (FAX -214-746-2933) TO STATEWIDE AT YOUR EARLIEST CONVENIENCE. YOUR PROMPT RESPONSE IS APPRECIATED. THANK YOU.

EVERGREEN NATIONAL INDEMNITY COMPANY

STATUS INQUIRY

OWNER:
TOWN OF ADDISON
5350 BELTLINE ROAD
ADDISON, TX 75240

DATE: 03/14/2002

ATTN: STEVE CHUTCHIAN

BOND NO: 118920

FAX: 972-450-2837

CONTRACTOR: LINDAMOOD CONSTRUCTION COMPANY, INC.

ADDRESS: 2020 S. NURSERY ROAD, IRVING, TX 75060

DESCRIPTION OF CONTRACT: NILES PROPERTIES DEMOLITION, BUILDING DEMOLITION, PAVEMENT REMOVAL, GRADING AND RESTORATION

OWNER: TOWN OF ADDISON

CONTRACT PRICE	BOND ($)	EFFECTIVE DATE
$42,500.00	$42,500.00	12/18/01

WITHOUT PREJUDICING YOUR RIGHT OR AFFECTING OUR LIABILITY UNDER OUR BOND(S) DESCRIBED ABOVE, WE WOULD APPRECIATE SUCH OF THE FOLLOWING INFORMATION AS IS NOW AVAILABLE.

SINCERELY,

BY: _____
GWENN J. HALL

1. IF CONTRACT COMPLETED, PLEASE STATE:

APPROXIMATE DATE OF COMPLETION OF WORK (OR FINAL DELIVERY).	APPROXIMATE ACCEPTANCE DATE	FINAL CONTRACT PRICE

2. IF CONTRACT UNCOMPLETED, PLEASE STATE:

APPROXIMATE PERCENTAGE OR DOLLAR AMOUNT OF CONTRACT COMPLETED OR DELIVERED

3. DO YOU KNOW OF ANY UNPAID BILLS FOR LABOR OR MATERIALS? YES_____NO_____

4. REMARKS:_____

IT IS UNDERSTOOD THAT THE INFORMATION CONTAINED HEREIN IS FURNISHED AS A MATTER OF COURTESY FOR THE CONFIDENTIAL USE OF THE SURETY AND IS MERELY AN EXPRESSION OF OPINION. IT IS ALSO AGREED THAT IN FURNISHING THIS INFORMATION, NO GUARANTY OR WARRANTY OF ACCURACY OR CORRECTNESS IS MADE AND NO RESPONSIBILITY IS ASSUMED AS A RESULT OF RELIANCE BY THE SURETY, WHETHER SUCH INFORMATION IS FURNISHED BY THE OWNER OR ENGINEER AS THE AGENT OF THE OWNER.

PLEASE RETURN THE ORIGINAL OF THIS INQUIRY TO:

GWENN J. HALL
STATEWIDE SURETY
1625 MARKET CENTER BLVD. #385
DALLAS, TX 75027
FAX 214/746-2933

OWNER: _____

BY: _____

TITLE: _____

DATE: _____

CL 28-A

THE LANGUAGE OF THIS FORM IS ACCEPTABLE TO THE SURETY ASSOCIATION OF AMERICA.

2020 SOUTH NURSERY
IRVING, TEXAS 75060
972-721-0898 FAX 972-438-6745

LINDAMOOD CONSTRUCTION

Fax

To:	Steve Chutchian	**From:**	Virginia
Fax:	972-450-2837	**Pages:**	3 (INCLUDING COVER)
Phone:		**Date:**	3/14/02
Re:		**CC:**	

SECTION BP
CONTRACTOR'S AFFIDAVIT OF BILLS PAID

STATE OF TEXAS

COUNTY OF DALLAS

Personally, before me the undersigned authority, on this day appeared Kayla Lindamood who, being duly sworn, on oath, says that he is a legal representative of Lindamood Construction Co. Inc
(full name of Contractor as in contract)

and that the contract for the construction of the project, designated as
02-09
(Project No.)

Niles Property Demolition

has been satisfactorily completed and that all bills for materials, apparatus, fixtures, machinery and labor used in connection with the construction of this project have, to the best of my knowledge and belief, been fully paid.

Kayla Lindamood
Signature

Vice President
Title

Sworn to and subscribed before me this 14th day of March, 2002.

Virginia Baxley
Notary Public in and for

Dallas County, Texas

VIRGINIA BAXLEY
MY COMMISSION EXPIRES
March 25, 2004

Instructions:

If the contractor is an individual, he shall sign the affidavit. If the contractor is a partnership, any partner may sign the affidavit. If the contractor is a corporation, a person authorized by the by-laws or by the Board of Directors shall sign the affidavit. If the Contractor is a joint-venture of individuals, any of the individuals may sign the affidavit. If the Contractor is a joint-venture of partnerships, or of individuals and partnerships, the affidavit may be signed by the individual or any partner of any partnership. If the contractor is a joint-venture in which a corporation is a party, separate affidavits must be executed in the name of the joint-venture: one by each corporation and one by each individual or partnership. Signatures for corporations should be by a duly authorized officer. If signature is by another, a showing of authority to sign must accompany the affidavit.

Addison!

STEVEN Z. CHUTCHIAN, P.E.
Assistant City Engineer
(972) 450-2886
(972) 450-2837 FAX
(214) 673-2518 Mobile
schutchian@ci.addison.tx.us E-mail

Town of Addison 16801 Westgrove Dr. P.O. Box 9010, Addison, Texas 75001-9010

12/20/01

Tom -

As we discussed, we are forwarding a copy of the Contractor's bid proposal for removing the contents of the Mile Properties building & hauling it to a landfill. Your efforts in re-coupling these funds is appreciated. Thanks!

Steve Chutchian

TOWN OF ADDISON®
PUBLIC WORKS DEPARTMENT (972) 450-2871
Post Office Box 9010 Addison, Texas 75001-9010 16801 Westgrove

December 28, 2001

Mr. Bobby Lindamood
Lindamood Demolition and Excavating
2020 S. Nursery
Irving, Texas 75060

Re: NOTICE TO PROCEED
Niles Property Demolition
Bid 02-09

Dear Mr. Lindamood:

Receipt of this document shall serve as your Notice to Proceed for the above referenced project, effective January 3, 2002. According to the terms and conditions of the contract, the proposed improvements shall be completed within seventy five (75) calendar days from the start of construction, with the original contract price of $42,5000. Please include the Project name and Bid No. 02-09 on all monthly invoices or other correspondence to the Town of Addison.

Should you have any questions, please contact my office at 972-450-2860.

Sincerely,

Luke Jalbert, Project Manager

Cc: Steven Z. Chutchian, Assistant City Engineer
Chris Terry, Assistant City Manager
Mike Murphy, Director of Public Works
Jim Pierce, Assistant Director of Public Works
Bryan Langley, Assistant Director of Finance

LINDAMOOD CONSTRUCTION CO. INC.

2020 SOUTH NURSERY, IRVING, TX 75060
PH: 972-721-0898 FAX: 972-438-6745

PROPOSAL

DATE:	**December 19, 2001**
COMPANY:	**Town of Addison**
	16801 Westgrove Drive
	Addison, Texas 75001-9010
JOB NAME:	**Nile Properties Demolition**
SUBMITTED TO:	**Luke Jalbert**
	972-450-2860 fax: 972-450-2837

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:

Clean out warehouse

OUR PRICING INCLUDES THE FOLLOWING:

1. **Clean out warehouse**
2. **Haul off all trash to a legal landfill**

WE PROPOSE HEREBY TO FURNISH MATERIAL AND LABOR – COMPLETE IN ACCORDANCE WITH ABOVE SPECIFICATIONS FOR THE SUM OF:

$ Seven thousand five hundred dollars and no/100----------$7,500.00

PAYMENT TO BE MADE AS FOLLOWS: **DUE UPON COMPLETION OF PROJECT**

ALL WORK TO BE COMPLETED IN A WORKMAN LIKE MANNER ACCORDING TO STANDARD PRACTICES. ANY ALTERATIONS OR DEVIATIONN FROM SPECIFIATIONS INVOLVING EXTRA COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS, AND WILL BECOME AN EXTRA CHARGE OVER ANDABOVE ESTIMATE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS OR DELAYS BEYOND OUR CONTROL, OWNERS TO CARRY FIRE, TORNADO AND OTHER NECESSARY INSURANCE. OUR WORKERS ARE FULLY COVERED BY WORKMANS COMPENSATION INSURANCE.

AUTHORIZED SIGNATURE: Kayla Lindamood

NOTE: THIS PROPOSAL MAY BE WITHDRAWN IF NOT ACCEPTED WITHIN 15 DAYS.

ACCEPTENCE OF PROPOSAL – THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORKAS SPECIFIED. PAYMENTWILL BE AS OUTLINED ABOVE:

SIGNATURE: J K Lewis 12-20-01

LINDAMOOD CONSTRUCTION CO. INC.

2020 SOUTH NURSERY, IRVING, TX 75060
PH: 972-721-0898 FAX: 972-438-6745

PROPOSAL

DATE: December 19, 2001
COMPANY: Town of Addison
16801 Westgrove Drive
Addison, Texas 75001-9010
JOB NAME: Nile Properties Demolition
SUBMITTED TO: Luke Jalbert
972-450-2860 fax: 972-450-2837

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AUTHORIZED SIGNATURE: Luke Lindamood

NOTE: THIS PROPOSAL MAY BE WITHDRAWN IF NOT ACCEPTED WITHIN 15 DAYS.

ACCEPTENCE OF PROPOSAL – THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORKAS SPECIFIED. PAYMENTWILL BE AS OUTLINED ABOVE:

SIGNATURE: 12-20-01

SECTION CA
CONTRACT AGREEMENT

STATE OF TEXAS

COUNTY OF DALLAS

THIS AGREEMENT is made and entered into this _11__ day of ___December_____, 2001___, by and between the Town of Addison, of the County of Dallas and State of Texas, acting through its Mayor, thereunto duly authorized so to do, Party of the First Part, hereinafter termed the OWNER, and ____Lindamood Construction Co. Inc.____, of the City of _____Irving_____, County of _____Dallas_____, State of _____Texas_____, Party of the Second Part, hereinafter termed CONTRACTOR.

WITNESSETH: That for and in consideration of the payment and agreement hereinafter mentioned, to be made and performed by the OWNER, the said CONTRACTOR hereby agrees with the said OWNER to commence and complete construction of certain improvements as follows:

Nile Properties Demolition

and all extra work in connection therewith, under the terms as stated in the General and Specific Provisions of the AGREEMENT; and at his own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance and other accessories and services necessary to complete the said construction, in accordance with the conditions and prices stated in the Proposal attached hereto and in accordance with the Advertisement for Bids. Instructions to Bidders, General Provisions. Special Provisions. Plans, and other drawings and printed or written explanatory matter thereof, and the Technical Specifications and Addenda thereto, as prepared by the OWNER, each of which has been identified by the endorsement of the CONTRACTOR and the OWNER thereon, together with the CONTRACTOR's written Proposal and the General Provisions, all of which are made a part hereof and collectively evidence and constitute the entire AGREEMENT.

The CONTRACTOR hereby agrees to commence work within ten (10) calendar days after the date of written notice to do so shall have been given to him, and to substantially compete the work within 50 days after he commences work, and to complete all work within 75 days after the date of written notice, subject to such extensions of time as are provided by the General Provisions.

The OWNER agrees to pay the CONTRACTOR $___42,500.00_____ in current funds for the performance of the Contract in accordance with the Proposal submitted

ACORD. CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY): 12/17/01

PRODUCER
PCT AGENCY
179 S. WATSON RD. STE. 403
ARLINGTON, TX. 76010
817-695-0086

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED
LINDAMOOD CONSTRUCTION CO. INC.
BOBBY LINDAMOOD-OWNER
P.O.BOX 157007
Irving, TX 75015
972-721-0898

INSURER A: CENTURY SURETY INSURANCE CO.
INSURER B: HANOVER INSURANCE COMPANY
INSURER C: UNDERWRITERS LLOYDS LONDON
INSURER D: CENTURY SURETY INSURANCE CO.
INSURER E: UNION CENTRAL LIFE INSURANCE

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY [X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC	CCP202277	08/13/00	08/13/02	EACH OCCURRENCE FIRE DAMAGE (Any one fire) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$1,000,000 $50,000 $5,000 $1,000,000 $2,000,000 $1,000,000
B	AUTOMOBILE LIABILITY [ ] ANY AUTO [X] ALL OWNED AUTOS [X] SCHEDULED AUTOS [ ] HIRED AUTOS [ ] NON-OWNED AUTOS	AHZ5711607	06/05/00	06/05/02	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$1,000,000 $ $ $
	GARAGE LIABILITY [ ] ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
A	EXCESS LIABILITY [X] OCCUR [ ] CLAIMS MADE [ ] DEDUCTIBLE [ ] RETENTION $	CCP202276	08/13/00	08/13/02	EACH OCCURRENCE AGGREGATE	$1,000,000 $1,000,000 $ $ $
E	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	SPD59569-5	08/13/00	08/13/02	[X] WC STATUTORY LIMITS [ ] OTHER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $500,000 $500,000 $500,000
C A	OTHER EQUIP/FLOATER PHYS. DAMAGE	CLU06174 AHZ589562	08/13/00 06/05/00	08/13/02 06/05/02	2,428,500 984.00.00 1,000.DEDUCT	

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

CERTIFICATE HOLDER | [ ] ADDITIONAL INSURED; INSURER LETTER: | CANCELLATION

TOWN OF ADDISON
P.O. BOX 9010
ADDISON, TX. 75001

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

ORIGINAL MAILED ON 12/20/01 SZ

TEXAS DEPARTMENT OF HEALTH T D H

DEMOLITION / RENOVATION NOTIFICATION FORM

NOTE: CIRCLE ITEMS THAT ARE AMENDED **NOTIFICATION#** 1

For Office Use Only TAHPA NESHAP Log #

1) Abatement Contractor: N/A TDH License Number: N/A
Address: N/A City: N/A State: N/A Zip: N/A
Office Phone Number: ( ) N/A Job Site Phone Number: (N/A)
Site Supervisor: N/A TDH License Number: N/A
Site Supervisor: N/A TDH License Number: N/A
Trained On-Site NESHAP Individual: N/A TDH License Number: N/A

Demolition Constractor: Lindamood Construction Office Phone Number: (972) 721-0898
Address: 2020 South Nursery City: IRVING State: TX Zip: 75060

2) Project Consultant or Operator: N/A TDH License Number N/A
Mailing Address: N/A City: N/A State: N/A Zip: N/A Office Phone Number: N/A

3) Facility Owner: Town of Addison
Attention: Luke Jalbert
Mailing Address: P.O. Box 9010
City Addison State: TX Zip: 75001-9010 Owner Phone Number: 972-450-2860

4) Description or Facility Name: Office / Warehouse
Physical Address: 15109, 15111, 15113, 15115 Surveyor County: Dallas
City: Addison Zip: TX Facility Phone Number: N/A
Facility Contact Person: Luke Jalbert
Description of Area/Room Number: Entire building
Prior Use: Office / Warehouse Future Use: N/A
Age of Building/Facility: 23 yrs. Size: 30,000 sq. ft. Number of Floors: 1
School (K-12): ☐ YES ☒ NO

5) **Type of Work:** ☒ **Demolition** ☐ **Renovation (Abatement)** ☐ **Annual Consolidated**
Work will be during: ☒ Day ☐ Evening ☐ Night ☐ Phased Project
Description of work schedule: 7:00 a.m. to 7:00 p.m

6) Is this a **Public Building?** ☒ YES ☐ NO **Federal Facility?** ☐ YES ☒ NO **Industrial Site?** ☐ YES ☒ NO
NESHAP-Only Facility? ☐ YES ☒ NO Is Building/Facility Occupied? ☐ YES ☒ NO

7) Notification Type **CHECK ONLY ONE**
☐ **Original (10 Working Days)** ☐ **Cancellation** X **Amendment** ☐ **Emergency/Ordered**

If this is an amendment, which amendment number is this? N/A **(Enclose copy of original)**
If an emergency, who did you talk with at TDH? N/A Emergency# N/A
Date and Hour of Emergency (HH/MM/DD/YY): N/A
Description of the sudden, unexpected event and explanation of how the event caused unsafe conditions or would cause equipment damage (computers, machinery, etc.): N/A

8) Description of procedures to be followed in the event that unexpected asbestos is found or previously non-friable asbestos material becomes crumbled, pulverized, or reduced to powder: Work will be stopped, area securred and proper authorities notified

9) Was an Asbestos survey performed? ☒ YES ☐ NO Date: 11/14/01 TDH Inspector License No: 10-5055

10) Analytical Method: ☒ PLM ☐ TEM ☐ Assumed TDH Laboratory License No: 30-0084
(For TAHPA (public building) projects: an assumption must be made by a TDH Licensed Inspector)

11) Description of planned demolition or renovation work, type of material, and method(s) to be used:
Wet Demolition procedure to used

12) Description of work practices and engineering controls to be used to prevent emissions of asbestos at the demolition/renovation site: Keep debris wet during demolition, loading and hauling

12) ALL applicable items in the following table must be completed: **IF NO ASBESTOS PRESENT CHECK HERE** ☐

Asbestos-Containing Building Material Type	Approximate amount of Asbestos		Check unit of measurement					
	Pipes	Surface Area	Ln Ft	Ln M	SQ Ft	SQ M	Cu Ft	Cu M
RACM to be removed								
RACM NOT removed								
Interior Category I non-friable removed								
Exterior Category I non-friable removed								
Category I non-friable NOT removed		158			X			
Interior Category II non-friable removed								
Exterior Category II non-friable removed								
Category II non-friable NOT removed								
RACM Off-Facility Component								

13) Waste Transporter Name: Lindamood Construction Co., Inc. TDH License Number: N/A
Address: 2020 South Nursery City: Irving State: TX Zip: 75060
Contact Person: Kayla Lindamood Phone Number: (972)721-0898

14) Waste Disposal Site Name: Lewisville C & D Landfill
Address: 801 E. College City: Lewisville State: TX Zip: 75057
Telephone: (972)436-4217 TNRCC Permit Number: 1749A

15) For structurally unsound facilities, attach a copy of demolition order and identify Governmental Official below:
Name: N/A Registration No: N/A
Title: N/A
Date of order (MM/DD/YY) N / A / Date order to begin (MM/DD/YY) N / A /

16) Scheduled Dates of Asbestos Abatement (MM/DD/YY) Start: N / A/ Complete: N / A /

17) Scheduled Dates Demolition/Renovation (MM/DD/YY) Start: 1/7/02 Complete: 2/7/02

**** Note: If the start date on this notification can not be met, the TDH Regional or Local Program office *Must* be contacted by phone prior to the start date. Failure to do so is a violation in accordance to TAHPA, Section 295.61. ****

I hereby certify that all information I have provided is correct, complete, and true to the best of my knowledge. I acknowledge that I am responsible for all aspects of the notification form, including, but not limiting, content and submission dates. The maximum penalty is $10,000 per day per violation.

Steven J. Chatchian — STEVEN Z. CHATCHIAN — 12/20/01 — (972)450-2860

(Signature of Building Owner/ Operator or Delegated Consultant/Contractor) (Printed Name) (Date) (Telephone)

(972)450-2837
(FaxNumber)

ASBESTOS NOTIFICATION SECTION
TOXIC SUBSTANCES CONTROL DIVISION
TEXAS DEPARTMENT OF HEALTH
EXCHANGE BUILDING, SUITE N320
8407 WALL STREET
AUSTIN, TX 78754

Faxes are not accepted PH: 512-834-6600, 1-800-572-5548 *Faxes are not accepted*

Form APB#5, dated 12/08/98. Replaces TDH form dated 09/15/97. For assistance in completing form, call 1-800-572-5548

2020 SOUTH NURSERY
IRVING, TEXAS 75060
972-721-0898 FAX 972-438-6745

LINDAMOOD CONSTRUCTION

Fax

To: Luke Jalbert **From:** Virginia

Fax: **Pages:** 3 (INCLUDING COVER)

Phone: **Date:**

Re: **CC:**

DATE SUBMITTED: December 3, 2001
FOR COUNCIL MEETING: December 11, 2001

Council Agenda Item:

SUMMARY:

This item is for the Award of a Contract to Lindamood Construction Co., Inc., for the Nile Properties Demolition Project.

FINANCIAL IMPACT:

Budgeted Amount: Not specifically budgeted, but funds are available as part of the Arapaho Road, Phase II/III project totaling $20.5 million.

Cost: $42,500.00

BACKGROUND:

In conjunction with the proposed construction of Phase II of Arapaho Road, from Marsh Lane to Surveyor Blvd., it is necessary to perform demolition of an existing office/warehouse structure on property that was recently acquired by the Town through the eminent domain process. The previous owner, Nile Properties, vacated the structure that is located on the west side of Surveyor Blvd, and bids were received on December 3, 2001 for demolition and grading of the site.

Five contractors picked up plans and specifications for the project and attended a mandatory pre-bid meeting at the site. These five contractors submitted bids for the project. Attached is a bid tabulation for the proposed improvements. Lindamood Construction Co., Inc., submitted the lowest responsive bid, in the amount of $42,500.00. Satisfactory references were received regarding the quality of work on this contractor. The demolition and site grading is scheduled for completion within 75 calendar days. The contractor has successfully completed work of similar scope in other municipalities in the area.

RECOMMENDATION:

Staff recommends that Council authorize the City Manager to enter into a contract with Lindamood Construction Co., Inc. for the Nile Properties Demolition project, in the amount of $42,500.00.

CONSENT AGENDA

#2a -	Approval of the Minutes for the November 27, 2001 Council Meeting.
#2b -	Consideration of a Resolution to approve a Change Order in the amount of $52,000.00 to extend project management/construction management services from Building Solutions for the Addison Athletic Club and Outdoor Leisure Pool project, the development of 1.6 acres and construction of the new tennis courts.
#2c -	Consideration of a Resolution authorizing the City Manager to enter into a contract in the amount of $42,500.00 with Lindamood Construction Co., Inc. for the Nile Properties demolition project.
#2d -	Consideration of a Resolution authorizing the City Manager to enter into a contract in an amount not to exceed $39,580.00 with Teague Nall and Perkins, Inc. for engineering services associated with the design of an 8-inch water main replacement on Wiley Post Road and Wright Brothers Drive.
#2e -	Consideration of an Ordinance amending the Town of Addison Code of Ordinances, Chapter 14, Aviation, by adding a new Division 3 to Article III (Municipal Airport) relating to access to Addison Airport from adjacent property (through-the-fence) and providing for fees and charges.
#2f -	Consideration of an Ordinance amending the Town of Addison Code of Ordinances, Chapter 14, Aviation, by adding a new Division 4 to Article III (Municipal Airport) relating to and establishing a lease rate for a fuel tank at the Addison Airport Fuel Facility.

DATE SUBMITTED: December 3, 2001
FOR COUNCIL MEETING: December 11, 2001

Council Agenda Item:

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RECOMMENDATION:

Staff recommends that Council authorize the City Manager to enter into a contract with Lindamood Construction Co., Inc. for the Nile Properties Demolition project, in the amount of $42,500.00.

Niles Properties Demolition

Bid 02-09

Bid Opening: December 3, 2001

10:00 AM

BIDDER	SIGNED	BID BOND	TOTAL	add1
Lindamood Construction Co. Inc	Y	Y	$42,500.00	Y
Midwest Wrecking Co of Tx	Y	Y	$82,315.00	Y
Rutland Const Services	Y	Y	$88,822.40	Y
Walter C Barrett	Y	Y	$64,600.00	Y
Metro Builders/DML	Y	Y	$88,000.00	Y

Minok Suh

Minok Suh, Purchasing Coordinator

Corey Gayden

Corey Gayden, Witness

HNTB ARCHITECTS ENGINEERS PLANNERS

5910 W. Plano Parkway
Suite 200
Plano, Texas
75093
(972) 661-5626
FAX (972) 661-5614
www.hntb.com

December 7, 2001

Town of Addison
16801 Westgrove Drive
P.O. Box 9010
Addison, Texas 75001-9010

Attn: Mr. Steve Z. Chutchian, P.E.

NILE PROPERTIES DEMOLITION BID

Dear Steve:

We have reviewed the bids for the referenced project and agree with the bid tabulations by Minok Suh of your staff. All five of the bidders attended the required pre-bid conference. We have called four references for the apparent low bidder, Lindamood Construction Co., Inc. We were able to speak with two of them and received very positive comments about this contractor. The record of telephone calls for each of these conversations is attached to this correspondence for your records. Based on this information, we believe the Town of Addison would be justified in awarding the contract for the referenced project to Lindamood Construction Co., Inc.

As a reminder, the specifications require a preconstruction conference to be held. Prior to the meeting the contractor has to deliver a schedule to you that we can discuss at the meeting. The duration of this project is set not to exceed 75 days from the notice to proceed. We will also need to discuss the N.O.I. and N.O.T. forms for the SW3P. We will be glad to set up this meeting if you will provide your available dates.

Very truly yours,

HNTB CORPORATION

Jerry D. Holder, Jr., P.E.
Director of Capital Projects

JDH/dsl

Enclosure

25768

HNTB
The HNTB Companies

RECORD OF TELEPHONE CALL

Job No. 25768

Date: 12/03/07

CALL TO Julius Zsohar, Inc OF Univ. of North Texas

CALL FROM Jerry Holder OF HNTB

BY JOH 1-940-565-2396

SUBJECT DISCUSSED	ACTION TO BE TAKEN
11:07 They did one that ranged from $92 – $300,000 w/ one bid in the 60's. Lindamood was at 92 & Julius was concerned. He said Bobby, Lindamood employee, did a great job. Julius said he wrote a letter of recommendation for them, which he rarely does.	

COPY TO:

NOTE: This record to be retained in the master file.

GN119-0793

HNTB
The HNTB Companies

RECORD OF TELEPHONE CALL

Job No. 25768

Date: 12/03/01

CALL TO Michael Lee OF Fort Worth ISD

CALL FROM Jerry Holder OF HNTB

BY (voice) 1-817-871-3293

SUBJECT DISCUSSED	ACTION TO BE TAKEN
11:05 left message w/ secretary for him to call me	
11:11 He called me back Best demo firm out there in his opinion. They were in and out w/o any problems. They left the site clean at the end of each day and did a great job.	

COPY TO:

NOTE: This record to be retained in the master file.

Niles Properties Demolition

Bid 02-09

Bid Opening: December 3, 2001

10:00 AM

BIDDER	SIGNED	BID BOND	TOTAL	add1
Lindamood Construction Co. Inc	Y	Y	$42,500.00	Y
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Rutland Const Services	Y	Y	$88,822.40	Y
Walter C Barrett	Y	Y	$64,600.00	Y
Metro Builders/DML	Y	Y	$88,000.00	Y

Minok Suh

Minok Suh, Purchasing Coordinator

Corey Gayden

Corey Gayden, Witness

DATE SUBMITTED: December 3, 2001
FOR COUNCIL MEETING: December 11, 2001

Council Agenda Item:

SUMMARY:

This item is for the Award of Contract to _____ for the Nile Properties Demolition Project.

FINANCIAL IMPACT:

Budgeted Amount: Not Budgeted

Cost: $

Source of Funds: Bond funds are available in Arapaho Road, Phase II/III, Project No. 83300.

BACKGROUND:

In conjunction with the proposed construction of Phase II of Arapaho Road, from Marsh Lane to Surveyor Blvd., it is necessary to perform demolition of an existing office/warehouse structure on property that was recently acquired by the Town through the eminent domain process. The previous owner, Nile Properties, vacated the structure that is located on the west side of Surveyor Blvd, and bids were received on December 3, 2001 for demolition and grading of the site.

Five contractors picked up plans and specifications for the project and attended a mandatory pre-bid meeting at the site. _____ contractors submitted bids for the project. Attached is a bid tabulation for the proposed improvements. _____ submitted the lowest responsive bid, in the amount of $____. ~~The engineering estimate for this project was $___~~. The demolition and site grading is scheduled for completion within 75 calendar days. The contractor has successfully completed work of similar scope in other municipalities in the area.

I don't think we have this

RECOMMENDATION:

Staff recommends that Council authorize the City Manager to enter into a contract with _____ for the Nile Properties Demolition project, in the amount of $_____.

ETI ENVIRONMENTAL SERVICES
4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751
FAX (972) 279-6063

November 26, 2001

Town of Addison
Department of Public Works
P. O. Box 9010
Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services
15109-15115 Surveyor Boulevard, Addison, Texas 75001

Dear Mr. Chutchian:

Please find enclosed two (2) copies of the Asbestos Inspection Report for the above-mentioned property and its Invoice number 01-S-507 for payment.

Also, please find a diskette with the Letter Report of the inspection. It is submitted on Microsoft Word. This document does not include cost estimates for demolition.

Please advise us when a demolition contractor has been chosen, so we may coordinate dates and be assured that the 10-day notification has been submitted to the Texas Department of Health. Also, remember that an invoice from the Texas Department of Health will be issued to you for the demolition of this property.

Please sign and return a copy of this transmittal and keep a copy for your files.

Thank you for letting us be of service to the Town of Addison, and please call if you need further information or have any questions.

Respectfully submitted,

ETI ENVIRONMENTAL SERVICES

Dianne K. Woo
Asbestos Consultant

TOWN OF ADDISON

Received by: Date

ETI ENVIRONMENTAL SERVICES
4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751
FAX (972) 279-6063

November 26, 2001

Town of Addison
Department of Public Works
P. O. Box 9010
Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services
15109-15115 Surveyor Boulevard, Addison, Texas 75001

Dear Mr. Chutchian:

Please find enclosed two (2) copies of the Asbestos Inspection Report for the above-mentioned property and its Invoice number 01-S-507 for payment.

Also, please find a diskette with the Letter Report of the inspection. It is submitted on Microsoft Word. This document does not include cost estimates for demolition.

Please advise us when a demolition contractor has been chosen, so we may coordinate dates and be assured that the 10-day notification has been submitted to the Texas Department of Health. Also, remember that an invoice from the Texas Department of Health will be issued to you for the demolition of this property.

Please sign and return a copy of this transmittal and keep a copy for your files.

Thank you for letting us be of service to the Town of Addison, and please call if you need further information or have any questions.

Respectfully submitted,

ETI ENVIRONMENTAL SERVICES

Dianne K. Woo
Asbestos Consultant

TOWN OF ADDISON

Received by: Date

NILE PROPERTIES DEMOLITION

ADDENDUM NO. 1

November 27, 2001

To: All Bidders

This addendum becomes a part of the "NILE PROPERTIES DEMOLITION" plans and specifications. Page PF-2 of the contract documents must be filled out by the bidder acknowledging the receipt of this addendum. **Bids will not be accepted if the above instructions are not followed.**

All provisions of the original "NILE PROPERTIES DEMOLITION" plans and specifications shall remain in full force and effect, except as modified by this addendum No. 1

MODIFICATIONS TO THE SPECIFICATIONS:

1. The date and time of the bid opening has been changed from 2:00 p.m. on Tuesday, November 27, 2001 to **10:00 a.m. on Monday, December 3, 2001.**

MODIFICATIONS TO THE PLANS:

1. Full depth saw cuts are called for on the parking area along the South and West sides of the project. It was noted during the site visit that there are existing cold joints in these areas. The successful bidder will be allowed to remove the existing pavement up to the cold joints in these two locations, therefore negating the need for full depth saw cuts along these two sides. This modification does not change the status of saw cuts at other locations on the project.

ADDITIONAL INFORMATION:

1. Attached to this Addendum No. 1 is the "Summary of Asbestos Findings" as prepared by ETI Environmental Services dated November 26, 2001. The Town of Addison will require the successful bidder to follow the recommendations of the report. The full report may be viewed at the Town of Addison's Service Center, located at 16801 Westgrove Drive, Addison, Texas. Contact Mr. Luke Jalbert at 972-450-2860 to set up an appointment.

ETI Environmental Services

4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751
Fax (972) 279-6063

November 26, 2001

Town of Addison
Department of Public Works
P. O. Box 9010
Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services
15109-15115 Surveyor Boulevard, Addison, Texas 75001

Gentlemen:

As authorized, an asbestos inspection was performed on an office warehouse building located at 15109-15115 Surveyor Boulevard in Addison, Texas on November 14, 2001, by Eddie Taw of ETI Environmental Services.

Results of the inspection and laboratory analysis of bulk samples collected during the inspection are presented herein. Asbestos-containing materials (ACM) as defined by State and Federal regulations are any materials with an asbestos content greater than one (>1%) percent. Non-asbestos containing materials are any materials with an asbestos content of less than one (<1%) percent, and is not regulated under any current Federal, State or Local regulations.

SUMMARY OF ASBESTOS FINDINGS

08 - Sheet Floor Covering

Approximately 158 square feet of sheet floor covering located in the Men's and Women's Restrooms of 15111 Surveyor Blvd., as noted on the Location of ACM Drawing, contains about 65% chrysotile asbestos in the backing material. This material is classified as Category I Non-friable Materials under NESHAP regulations, and it is in good condition.

RECOMMENDATIONS

ETI Environmental Services recommends that the 158 square feet of asbestos-containing floor covering located in the Men's and Women's Restrooms in 15111 Surveyor remain in place for planned demolition activities and disposed of as construction debris.

INSPECTION AND SAMPLING PROCEDURES

All areas of the building were accessible for inspection. A Building Description and a Summary of Homogeneous Areas obtained during the inspection are presented herein.

ETI Environmental Services used a random convenience sampling strategy in order to collect all representative samples of suspect materials, both friable and non-friable. Sample locations were marked with paint or markers, and photographs were taken at each sample location. The Approximate Sample Location Drawing shows the location of each sample taken during the inspection process.

Results of the inspection that identifies sample locations, condition of suspect materials, and asbestos-containing materials present are presented on the Sample and Hazard Assessment Summary.

Assessments of each homogeneous area were made using the NESHAP Regulations and definitions under 40 CFR Part 61.

Asbestos bulk samples were submitted to a qualified independent laboratory, Steve Moody Micro services, Inc., for analysis. The results of these analyses are presented herein.

We thank you for this opportunity to be of service to the Town of Addison. Please call us if you have any questions or need further information.

Respectfully submitted,

ETI ENVIRONMENTAL SERVICES

Dianne K. Woo
Asbestos Consultant

TOWN OF ADDISON
PAYMENT AUTHORIZATION MEMO

DATE: 11/27/01 **Claim #** _____ **Check $** 2,140.00

Vendor No. _____

Vendor Name ETI ENVIRONMENTAL SERVICES

Address 4112 VIA BALLENA

Address MESQUITE, TEXAS 75150

Address _____

Zip Code _____

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
	(00)	(000)	(00000)	(00000)	(000)	($000,000.00)
# 01-S-507	46	000	56570	83300		2,140.00

TOTAL $ 2,140.00

EXPLANATION ENVIRONMENTAL ASSESSMENT MILES PROPERTY DEMOLITION - AS PART OF ARAPAHO RD., PHASE II

Steve Chutchian
Authorized Signature

Finance

ETI Environmental Services

4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751

November 26, 2001

Town of Addison
Department of Public Works
P. O. Box 9010
Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services
15109-15115 Surveyor Boulevard, Addison, Texas 75001

Invoice No. 01-S-507

INVOICE

FOR PROFESSIONAL SERVICES RENDERED:

Field Consultant(s): Eddie Taw
Field Date(s): November 14, 2001

DESCRIPTION	TOTAL
Asbestos Inspection and Report Preparation	$1,600.00
Asbestos Laboratory Services (54 PLM Analysis @ $10 per Sample)	540.00
TOTAL AMOUNT DUE	**$2,140.00**

O.K. to PAY!
SZC
11/27/01

Thank You For Your Business!

NILES PROPERTIES DEMOLITION — **TOWN OF ADDISON**

PRE-BID MEETING 2:00 P.M. NOVEMBER 20, 2001

SIGN-IN SHEET

	NAME	COMPANY	PHONE #	FAX #	E-MAIL ADDRESS
1.	Jerry Holder	HNTB Corporation	972-661-5626	972-661-5614	JHolder@HNTB.com
2.	W.T. Lander	Rutland Const.	972-998-609/972 366-8028		
3.	Becky Rutherford	T & T Hoisting	972-366-8028	972-366-8028	rabbit2@airmail.net
4.	Kayla Lindamood	Lindamood Demo	972 7210898	972-438675	K1925@AOL.com
5.	Anthony Lohden	Dallas Demolition / South Lake Const.	972-788-4998	972-788-4994	None
6.	Walter C Barrett	Walter E Barrett Inc	214-948-6823		
7.	Brian Choate	Midwest Wrecking Co.	817 589 7062	817 590 9536	
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

NILES PROPERTIES DEMOLITION — **TOWN OF ADDISON**
PRE-BID MEETING 2:00 P.M. NOVEMBER 20, 2001
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	NAME	COMPANY	PHONE #	FAX #	E-MAIL ADDRESS
1.	Jerry Holder	HNTB Corporation	972-661-5626	972-661-5614	JHolder@HNTB.com
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3.	Becky Rutherford	T & T Hoisting	972-366-8028	972-366-8028	rabbit2@airmail.net
4.	Kae/A Lindamood	Lindamood Demo	972 721 0898	972-438675	K1925@AOL.COM
5.	Anthony Lohden	Dallas Demolition / South Lake Const.	972-788-4998	972-788-4994	None
6.	Walter C Barrett	Walter E Barrett Inc	214-948-6823		
7.	Brian Choate	Midwest Wrecking Co.	817 589 7062	817 590 9536	
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

ADVERTISEMENT FOR BIDS
Bid # 02-09

The Town of Addison is requesting bids for the Building Demolition, Pavement Removal, Grading, and Restoration for the NILES PROPERTIES DEMOLITION, Bid No. 02-09. A MANDATORY pre-bid conference will be held at 2:00pm on November 20, 2001 at Town of Addison Service Center, 16801 Westgrove Dr., Addison, TX 75001. Bids will be accepted until November 27, 2001 at 2:00pm, in the office of the Purchasing Coordinator, 5350 Belt Line Rd., Addison, Texas 75254 at which time they will be publicly opened and read aloud. Bids received after the designated time will not be considered and will be returned unopened.

The Town of Addison reserves the right to waive any formalities and to reject any or all bids and to select the bid deemed most advantageous to the City. For information contact the Purchasing Division at 972-450-7091. Specification information can be obtained at www.demandstar.com .

If you are not a member of DemandStar.com and wish to obtain a free copy of the bid specifications, you may pick one up at the Purchasing Division, 5350 Belt Line Road, Addison, Texas 75254.

SECTION AB

ADVERTISEMENT FOR BIDS

SECTION AB
ADVERTISEMENT FOR BIDS

1. Sealed bids addressed to the Town of Addison, Texas, for the Building Demolition, Pavement Removal, Grading, and Restoration for the NILE PROPERTIES DEMOLITION for the Town of Addison, Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by HNTB Corporation, will be received at the office of Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until **2:00 p.m. on the 27th day of November, 2001.** Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.

2. The contractor shall identify his bid on the outside of the envelope by writing the words NILE PROPERTIES DEMOLITION.

3. Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed by the State of Texas to act as a Surety, or a Binder of Insurance executed by a surety company licensed by the State of Texas to act as a surety or its authorized agent as a guarantee that the bidder will enter into a contract and execute a Performance Bond within ten (10) business days after notice of award of contract to him.

4. Plans, specifications and bidding documents may be secured beginning at **9:00 A.M. on the 9th day of November, 2001** from Minok Suh Purchasing Coordinator; Finance Building, 5350 Belt Line Road, Addison, Texas. The first set will be available at no charge and any additional sets may be obtained for a non-refundable sum of $20.00 per set.

5. The right is reserved by the Mayor and the Town Council as the interest of the Town may require to reject any or all bids and to waive any informality in bids received.

6. The Bidder (Proposer) must supply all the information required by the Proposal Form.

7. A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond will be required by the Owner; each Bond shall be in the amount of 100% of the total contract amount. Bonds shall be issued by a surety company licensed by the State of Texas to act as a Surety. The performance and payment bonds shall name the Town of Addison as obligee (or such other entities as may be designated at the time a contract is executed).

8. For information on bidding or to secure bid documents, call Minok Suh, (972) 450-7091. For information on the work to be performed, call Steven Z. Chutchian, P.E., Assistant City Engineer, (972) 450-2886 or Jerry D. Holder, Jr., P.E., HNTB Corporation, (972) 661-5626.

9. This project consists of providing Building Demolition, Pavement Removal, Grading, and Restoration as shown on the plans and in accordance with these specifications.

10. A Pre-Bid Meeting will be held at **2:00 p.m. on the 20th day of November, 2001** at the Addison Service Center, 16801 Westgrove Drive, Addison, Texas 75001, 972-450-2871. All bidders are **required** to attend. **A one-hour tour of the building to be demolished will be conducted at this time to allow the contractors to evaluate the structure.**

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY) 12/17/01

PRODUCER
PCT AGENCY
179 S. WATSON RD. STE. 403
ARLINGTON, TX. 76010
817-695-0086

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED
LINDAMOOD CONSTRUCTION CO. INC.
BOBBY LINDAMOOD-OWNER
P.O.BOX 157007
Irving, TX 75015
972-721-0898

INSURERS AFFORDING COVERAGE

INSURER A:	CENTURY SURETY INSURANCE CO.
INSURER B:	HANOVER INSURANCE COMPANY
INSURER C:	UNDERWRITERS LLOYDS LONDON
INSURER D:	CENTURY SURETY INSURANCE CO.
INSURER E:	UNION CENTRAL LIFE INSURANCE

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY [X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [X] PRO-JECT [ ] LOC	CCP202277	08/13/00	08/13/02	EACH OCCURRENCE FIRE DAMAGE (Any one fire) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$1,000,000 $50,000 $5,000 $1,000,000 $2,000,000 $1,000,000
B	AUTOMOBILE LIABILITY [ ] ANY AUTO [X] ALL OWNED AUTOS [X] SCHEDULED AUTOS [ ] HIRED AUTOS [ ] NON-OWNED AUTOS	AHZ5711607	06/05/00	06/05/02	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$1,000,000 $ $ $
	GARAGE LIABILITY [ ] ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
A	EXCESS LIABILITY [X] OCCUR [ ] CLAIMS MADE [ ] DEDUCTIBLE [ ] RETENTION $	CCP202276	08/13/00	08/13/02	EACH OCCURRENCE AGGREGATE	$1,000,000 $1,000,000 $ $ $
E	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	SPD59569-5	08/13/00	08/13/02	[X] WC STATUTORY LIMITS [ ] OTHER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $500,000 $500,000 $500,000
C A	OTHER EQUIP/FLOATER PHYS. DAMAGE	CLU06174 AH2589562	08/13/00 06/05/00	08/13/02 06/05/02	2,428,500 984.00.00 1,000.DEDUCT	

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

CERTIFICATE HOLDER

TOWN OF ADDISON
P.O. BOX 9010
ADDISON, TX. 75001

ADDITIONAL INSURED; INSURER LETTER:

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

SECTION PyB
PAYMENT BOND

BOND NO. 118929

STATE OF TEXAS

COUNTY OF DALLAS

Date Bond Executed: DECEMBER 18, 2001

PRINCIPAL: LINDAMOOD CONSTRUCTION COMPANY, INC.

SURETY: EVERGREEN NATIONAL INDEMNITY COMPANY

PENAL SUM OF BOND (express in words and figures): FORTY TWO THOUSAND FIVE HUNDRED AND 00/100 DOLLARS ($42,500.00)

DATE OF CONTRACT: DECEMBER 11, 2001

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall promptly make payment to all persons supplying labor and materials in the prosecution of the work provided for in said Contract, and any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications to the SURETY being hereby waived, then this obligation to be void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL

LINDAMOOD CONSTRUCTION COMPANY, INC.
CONTRACTOR

By: Kayla Lindamood

Address: 2020 S. NURSERY ROAD

IRVING, TX 75060

WITNESS _____

SEAL

ATTEST: Lavern J. Hall

EVERGREEN NATIONAL INDEMNITY COMPANY
SURETY

By: Chad W. Land
CHAD W. LAND, ATTORNEY-IN-FACT

Address: P.O. BOX 18295
COLUMBUS, OH 43218

Title: Adm. Asst.

(Surety to Attach Power of Attorney)

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, Virginia Bayley, certify that I am the secretary of the corporation named as PRINCIPAL in the within bond that Kayla Lindamood, who signed the said bond on behalf of the PRINCIPAL, is the Vice President said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said corporation by authority of its governing body.

Virginia Bayley
(Corporate Seal)

SECTION MB
MAINTENANCE BOND BOND NO. 118929

STATE OF TEXAS

COUNTY OF DALLAS

That LINDAMOOD CONSTRUCTION CO., INC. as principal and EVERGREEN NATIONAL INDEMNITY COMPANY, a corporation organized under the laws of OHIO and _____ as sureties, said sureties being authorized to do business in the State of Texas, do hereby expressly acknowledge themselves to be held and bound to pay unto the Town of Addison, Texas, a duly incorporated home rule municipal corporation under the laws of the State of Texas, the sum of

FORTY TWO THOUSAND FIVE HUNDRED AND 00/100 DOLLARS ($42,500.00)

($42,500.00) for the payment of which sum will and truly to be made unto said Town of Addison and its successors, said principal and sureties do hereby bind themselves, their assigns and successors, jointly and severally.

This obligation is conditioned, however, that whereas said:

LINDAMOOD CONSTRUCTION COMPANY, INC.

has this day entered into a written contract with the said Town of Addison to build and construct the

NILES PROPERTIES DEMOLITION BUILDING DEMOLITION, PAVEMENT REMOVAL, GRADING AND RESTORATION

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of one (1) years from the date of acceptance, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation, and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract; planting materials (ground cover, and grasses) will be warranted for one (1) year from the time of final completion and acceptance by the Town of Addison.

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of one (1) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive breaches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

IN WITNESS WHEREOF, the said PRINCIPAL has caused these presents to be executed by CHAD W. LAND and the said ATTORNEY-IN-FACT has hereunto set his hand this the 18TH day of DECEMBER, 20 01.

SURETY

EVERGREEN NATIONAL INDEMNITY CO.

By: _____
Attorney in Fact CHAD W. LAND

PRINCIPAL

LINDAMOOD CONSTRUCTION COMPANY, INC.

By: _____

ATTEST

_____
Secretary

By: _____
Surety

STATEWIDE SURETY

1825 MARKET CENTER BLVD., #385
DALLAS, TX 75207

Agency and Address

NOTE: Date of Maintenance Bond must not be prior to date of Contract.

IMPORTANT NOTICE

IN ORDER TO OBTAIN INFORMATION OR MAKE A COMPLAINT:

You may call **EVERGREEN NATIONAL INDEMNITY COMPANY'S** toll-free number at:

800-325-9112

or

You may write to **EVERGREEN NATIONAL INDEMNITY COMPANY** at:

Attn: Claims Department
P.O. Box 18295
Columbus, OH 43218

You may also contact the **Texas Department Of Insurance** to obtain information on companies, coverage's, rights or complaints at:

800-252-3439

You may write the **Texas Department Of Insurance at:**

P.O. Box 149104
Austin, TX 78714-9104

ATTACH THIS NOTICE TO YOUR BOND. This notice is for information only and does not become a part or a condition of the attached document and is given to comply with Section 2253.048, Government Code, and Section 53.202, Property Code, effective September 1, 2001.

EVERGREEN NATIONAL INDEMNITY COMPANY
CLEVELAND, OHIO
POWER OF ATTORNEY

PRINCIPAL Lindamood Construction Co., Inc. EFFECTIVE DATE 12/18/01

CONTRACT AMOUNT 42,500.00 AMOUNT OF BOND $ 42,500.00

POWER NO. 118929

KNOW ALL MEN BY THESE PRESENTS: That the Evergreen National Indemnity Company, a corporation in the State of Ohio does hereby nominate, constitute and appoint:

~~~~ **Camille Edwards, Gwenn J. Hall, Chad W. Land, Lanny W. Land** ~~~~

its true and lawful Attorney(s)-In-Fact to make, execute, attest, seal and deliver for and on its behalf, as Surety, and as its act and deed, where required, any and all bonds, undertakings, recognizances and written obligations in the nature thereof, PROVIDED, however, that the obligation of the Company under this Power of Attorney shall not exceed One Million Five Hundred Thousand Dollars ($1,500,000.00).

This Power of Attorney is granted and is signed by facsimile pursuant to the following Resolution adopted by its Board of Directors on the 23rd day of February, 1994:

"RESOLVED, That any two officers of the Company shall have the authority to make, execute and deliver a Power of Attorney constituting as Attorney(s)-in-fact of such persons, firms, or corporations as may be selected from time to time.
FURTHER RESOLVED, that the signatures of such officers and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile; and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company; and any such powers so executed and certificate by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN WITNESS WHEREOF, the Evergreen National Indemnity Company has caused its corporate seal to be affixed hereunto, and these presents to be signed by its duly authorized officers this 23rd day of February, 1994.

EVERGREEN NATIONAL INDEMNITY COMPANY

Roswell P. Ellis, President

Glenn D. Southwick, Treasurer

Notary Public)
State of Ohio) SS:

On this 10th day of May, 2001, before the subscriber, a Notary for the State of Ohio, duly commissioned and qualified, personally came Roswell P. Ellis and Glenn D. Southwick, of the Evergreen National Indemnity Company, to me personally known to be the individuals and officers described herein, and who executed the preceding instrument and acknowledged the execution of the same and being by me duly sworn, deposed and said that they are the officers of said Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of said Corporation, and that the resolution of said Company, referred to in the preceding instrument, is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal at Columbus Ohio, the day and year above written.

SUE E. DUFFY
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES AUG. 6, 2004

Sue E. Duffy
Notary Public State of Ohio
My Commission expires August 6, 2004

State of Ohio) SS:

I, the undersigned, Secretary of the Evergreen National Indemnity Company, a stock corporation of the State of Ohio, DO HEREBY CERTIFY that the foregoing Power of Attorney remains in full force and has not been revoked; and furthermore that the Resolution of the Board of Directors, set forth herein above, is now in force.

Signed and sealed in Columbus, Ohio this 18th day of December, 2001

Kurt H. Weiland, Secretary

Any reproduction or facsimile of this form is void and invalid.

118929 *1345313*
~~~~

SECTION PyB
PAYMENT BOND

BOND NO. 118929

STATE OF TEXAS

COUNTY OF DALLAS

Date Bond Executed: DECEMBER 18, 2001

PRINCIPAL: LINDAMOOD CONSTRUCTION COMPANY, INC.

SURETY: EVERGREEN NATIONAL INDEMNITY COMPANY

PENAL SUM OF BOND (express in words and figures): FORTY TWO THOUSAND FIVE HUNDRED AND 00/100 DOLLARS ($42,500.00)

DATE OF CONTRACT: DECEMBER 11, 2001

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall promptly make payment to all persons supplying labor and materials in the prosecution of the work provided for in said Contract, and any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications to the SURETY being hereby waived, then this obligation to be void, otherwise to remain in full force and effect.

EVERGREEN NATIONAL INDEMNITY COMPANY
CLEVELAND, OHIO
POWER OF ATTORNEY

PRINCIPAL Lindamood Construction Co., Inc. EFFECTIVE DATE 12/18/01

CONTRACT AMOUNT 42,500.00 AMOUNT OF BOND $ 42,500.00

POWER NO. 118929

KNOW ALL MEN BY THESE PRESENTS: That the Evergreen National Indemnity Company, a corporation in the State of Ohio does hereby nominate, constitute and appoint:

~~~~ Camille Edwards, Gwenn J. Hall, Chad W. Land, Lanny W. Land ~~~~

its true and lawful Attorney(s)-In-Fact to make, execute, attest, seal and deliver for and on its behalf, as Surety, and as its act and deed, where required, any and all bonds, undertakings, recognizances and written obligations in the nature thereof, PROVIDED, however, that the obligation of the Company under this Power of Attorney shall not exceed One Million Five Hundred Thousand Dollars ($1,500,000.00).

This Power of Attorney is granted and is signed by facsimile pursuant to the following Resolution adopted by its Board of Directors on the 23rd day of February, 1994:

"RESOLVED, That any two officers of the Company shall have the authority to make, execute and deliver a Power of Attorney constituting as Attorney(s)-in-fact of such persons, firms, or corporations as may be selected from time to time.
FURTHER RESOLVED, that the signatures of such officers and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile; and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company; and any such powers so executed and certificate by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN WITNESS WHEREOF, the Evergreen National Indemnity Company has caused its corporate seal to be affixed hereunto, and these presents to be signed by its duly authorized officers this 23rd day of February, 1994.

EVERGREEN NATIONAL INDEMNITY COMPANY

Roswell P. Ellis, President

Glenn D. Southwick, Treasurer

Notary Public)
State of Ohio) SS:

On this 10th day of May, 2001, before the subscriber, a Notary for the State of Ohio, duly commissioned and qualified, personally came Roswell P. Ellis and Glenn D. Southwick, of the Evergreen National Indemnity Company, to me personally known to be the individuals and officers described herein, and who executed the preceding instrument and acknowledged the execution of the same and being by me duly sworn, deposed and said that they are the officers of said Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of said Corporation, and that the resolution of said Company, referred to in the preceding instrument, is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal at Columbus Ohio, the day and year above written.

SUE E. DUFFY
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES AUG. 6, 2004

Sue E. Duffy
Notary Public State of Ohio
My Commission expires August 6, 2004

State of Ohio) SS:

I, the undersigned, Secretary of the Evergreen National Indemnity Company, a stock corporation of the State of Ohio, DO HEREBY CERTIFY that the foregoing Power of Attorney remains in full force and has not been revoked; and furthermore that the Resolution of the Board of Directors, set forth herein above, is now in force.

Signed and sealed in Columbus, Ohio this 18th day of December, 2001.

Kurt H. Weiland, Secretary

118929 *1345313*

Any reproduction or facsimile of this form is void and invalid.
~~~~

IMPORTANT NOTICE

IN ORDER TO OBTAIN INFORMATION OR MAKE A COMPLAINT:

You may call **EVERGREEN NATIONAL INDEMNITY COMPANY'S** toll-free number at:

800-325-9112

or

You may write to **EVERGREEN NATIONAL INDEMNITY COMPANY** at:

Attn: Claims Department
P.O. Box 18295
Columbus, OH 43218

You may also contact the **Texas Department Of Insurance** to obtain information on companies, coverage's, rights or complaints at:

800-252-3439

You may write the **Texas Department Of Insurance at:**

P.O. Box 149104
Austin, TX 78714-9104

ATTACH THIS NOTICE TO YOUR BOND. This notice is for information only and does not become a part or a condition of the attached document and is given to comply with Section 2253.048, Government Code, and Section 53.202, Property Code, effective September 1, 2001.

IN WITNESS WHEREOF, the said PRINCIPAL has caused these presents to be executed by CHAD W. LAND and the said ATTORNEY-IN-FACT has hereunto set his hand this the 18TH day of DECEMBER, 20 01.

SURETY

EVERGREEN NATIONAL INDEMNITY CO.

By: _____
Attorney in Fact CHAD W. LAND

PRINCIPAL

LINDAMOOD CONSTRUCTION COMPANY, INC.

By: _____

ATTEST

By: _____
Surety

_____
Secretary

STATEWIDE SURETY

1825 MARKET CENTER BLVD., #385
DALLAS, TX 75207

Agency and Address

NOTE: Date of Maintenance Bond must not be prior to date of Contract.

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of one (1) years from the date of acceptance, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation, and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract; planting materials (ground cover, and grasses) will be warranted for one (1) year from the time of final completion and acceptance by the Town of Addison.

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of one (1) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive breaches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

SECTION MB
MAINTENANCE BOND BOND NO. 118929

STATE OF TEXAS

COUNTY OF DALLAS

That LINDAMOOD CONSTRUCTION CO., INC. as principal and EVERGREEN NATIONAL INDEMNITY COMPANY, a corporation organized under the laws of OHIO and _____ as sureties, said sureties being authorized to do business in the State of Texas, do hereby expressly acknowledge themselves to be held and bound to pay unto the Town of Addison, Texas, a duly incorporated home rule municipal corporation under the laws of the State of Texas, the sum of

FORTY TWO THOUSAND FIVE HUNDRED AND 00/100 DOLLARS ($42,500.00)

($42,500.00) for the payment of which sum will and truly to be made unto said Town of Addison and its successors, said principal and sureties do hereby bind themselves, their assigns and successors, jointly and severally.

This obligation is conditioned, however, that whereas said:

LINDAMOOD CONSTRUCTION COMPANY, INC.

has this day entered into a written contract with the said Town of Addison to build and construct the

NILES PROPERTIES DEMOLITION BUILDING DEMOLITION, PAVEMENT REMOVAL, GRADING AND RESTORATION

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL

LINDAMOOD CONSTRUCTION COMPANY, INC.
CONTRACTOR

By: Kayla Lindamood

Address: 2020 S. NURSERY ROAD

IRVING, TX 75060

WITNESS _____

SEAL
ATTEST: Susan J. Hall

EVERGREEN NATIONAL INDEMNITY COMPANY
SURETY

By: Chad W. Land
CHAD W. LAND, ATTORNEY-IN-FACT

Address: P.O. BOX 18295
COLUMBUS, OH 43218

Title: Adm. Asst.

(Surety to Attach Power of Attorney)

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, Virginia Bayley, certify that I am the secretary of the corporation named as PRINCIPAL in the within bond that Kayla Lindamood, who signed the said bond on behalf of the PRINCIPAL, is the Vice President said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said corporation by authority of its governing body.

Virginia Bayley
(Corporate Seal)

TEXAS DEPARTMENT OF HEALTH

JOHN LUDEKE, R.S.
FOOD & DRUG INVESTIGATOR
BUREAU OF FOOD & DRUG SAFETY

'UBLIC HEALTH REGIONS 2/3
301 SOUTH BOWEN ROAD, SUITE 200
RLINGTON, TEXAS 76013-2262

METRO (817) 264-4682
VOICE MAIL (817) 264-4704
FAX (817) 264-4717

TDH
TEXAS DEPARTMENT OF HEALTH

TEXAS DEPARTMENT OF HEALTH
BUREAU OF FOOD AND DRUG SAFETY
1100 WEST 49TH STREET
AUSTIN, TEXAS 78756

DISPOSITION OF DETAINED PRODUCTS

The following merchandise:

Quantity	Product	Code No	Sample No
20 Pallets	Dietary Supplements From Akahi.com	NA	NA

in possession of City of Addison, 15111 &15113 Surveyor, Addison, 75001
(Dealer, Firm, or Manufacturer) (Street Address) (City) (Zip Code)

and more particularly located at on metal racks in the warehouse
(Geographic location in warehouse or stockroom)

detained by Seri Lang of the Texas Department of Health
(Authorized Agent)

on 9/7/00 was Released and destroyed by Lindamood
(Date of Detention) (Released, Destroyed, Reconditioned, Court Disposition, Etc.)

Demolition by be dumped and destroyed at the City of Lewisville Landfill

Gelind Lindale 1/3/02 Date
Authorized Agent

Form No. E-32
1/97

HNTB
The HNTB Companies
Suite 630, 14114 Dallas Parkway, Dallas Texas 75240 (972) 661-5626

LETTER OF TRANSMITTAL

Job No. 25768

Date July 27, 2001

To: Jim Pierce, P.E.
16801 Westgrove Drive
Addison, Texas 75001-9010

Steve

Re: Niles Property Demolition
Plans and Specs

WE ARE FORWARDING TO YOU:

NO. OF COPIES	SHEET NO.	LAST DATED	DESCRIPTION
1	1-6	July 27, 2001	Plans for referenced project.
1		July 27, 2001	Specifications for referenced project.

THESE ARE TRANSMITTED:

☐ For approval ☐ For your use ☐ As requested ☒ For review & comment

PLEASE NOTE:

Jim, attached are the revised plans and specs for the referenced project. Also included is a list of comments and actions taken to revise. Thank you for taking the time to meet with me Thursday, have a good weekend.

COPY TO:
AMS, 25768

By: Jerry D. Holder, Jr., P.E.

11/21 '01 10:27 NO.342 01/01

9726615614

HNTB

[redacted] PROPERTIES DEMOLITION — TOWN OF ADDISON
PRE-BID MEETING 2:00 P.M. NOVEMBER 20, 2001
SIGN IN SHEET

	NAME	COMPANY	PHONE #	FAX #	E-MAIL ADDRESS
1.	Jerry Holder	HNTB Corporation	972-661-5626	972-661-5614	JHolder@HNTB.com
2.	W.T. Lander	Rutland Const.	972-998-6091/972 366-8028		
3.	Becky Rutherford	T & T Hoisting	972-366-8028	972-366-8028	rabbit2@airmail.net
4.	Kay/A Lindamood	Lindamood Demo	972-7210858	972-4386745	K1925@AOL.COM
5.	Anthony Lohden	Dallas Demolition / South Lake Const.	972-788-4998	972-788-4994	None
6.	Walter E Barrett	Walter E Barrett Inc	214-948-6527	No Fax	
7.	Brian Choate	Midwest Wrecking Co.	817 589 7062	817 590 9536	
8.	Cynthia Eracia	Quantum Contracting	972-771-9511	[redacted]	771 1145
9.	Wilfred Atanga	Metro Builders	817 516 7907	817 483 3141	Metrobuilders@yahoo.com
10.					
11.					
12.					
13.					
14.					
15.					FAXED TO ALL ON 11/21/01

REAL ESTATE APPRAISAL OF

Midway Road at Keller Springs
CMAQ 12, Parcel 2
Project # 91/835

M&F Development Company, Inc.
15980 Midway Road
Addison, Dallas County, Texas 75001

PREPARED FOR:
Dallas County Public Works
Attention: Mr. Craig Marek, SR/WA
411 Elm Street, 3rd Floor
Dallas, Texas 75202

INTEGRA Realty Resources
DALLAS/FORT WORTH

LOCAL EXPERTISE...NATIONALLY

EFFECTIVE DATE OF THE APPRAISAL:
December 5, 2003

INTEGRA REALTY RESOURCES DFW, LLP
FILE NUMBER: 116-2003-0718

DALLAS COUNTY
DEPARTMENT OF PUBLIC WORKS
APPRAISAL REPORT

Address of Property:	15980 Midway Road Addison, Texas 75001	**Parcel:**	2, CMAQ 12
Property Owner:	M&F Development Company, Inc. c/o Fritz Duda Jr. (972-934-2244)	**Account:**	-
Address of Property Owner:	13355 Noel Rd., Suite 1315 Dallas, Texas 75240	**CSJ:**	-
Occupant's Name:	Vacant land	**Project No:**	91-835
Whole: ☐	**Partial:** ☒ **Acquisition**	**Highway:**	**County:** Dallas

PURPOSE OF THE APPRAISAL

The purpose of this appraisal is to estimate adequate compensation, in compliance with the Texas Constitution, Article 1, Section 17, to be paid by Dallas County for the acquisition of Real Property interest as described herein.

MARKET VALUE

Market Value may be defined as follows: Market Value is the price which the property would bring when it is offered for sale by one who desires, but is not obliged to sell, and is bought by one who is under no necessity of buying, taking into consideration all of the uses to which it is reasonably adaptable and for which it either is, or in all reasonable probability will become available within the reasouable future.

AFFIDAVIT OF APPRAISER

I have personally inspected the property herein appraised and to the best of my knowledge and belief the statements contained in the appraisal hereinabove set forth are true, and the information upon which the opinions expressed therein are based is correct.

That on 12/05/2003 (date)(s), I personally inspected in the field the property herein appraised; and that I afforded Fritz Duda, Jr. the opportunity to accompany me at the time of the inspection.

I have no direct or indirect present or contemplated future personal interest in such property or in any benefit from the acquisition of such property appraised; and that should I or any employee in my service acquire any interest in or to the property appraised prior to the acquisition of the parcel by the County, I will immediately notify the County of such interest or interests;

I have not revealed and will not reveal the findings and results of such appraisal to anyone other than the proper officials of the County of Dallas until authorized by County officials to do so, or until I am required to do so by due process of law, or until I am released from this obligation by having publicly testified as to such findings.

My opinion of the fair market value of the acquisition plus damages, if any as of the 5th day of December, 2003, is $17,420, based upon my independent appraisal and the exercise of my professional judgment.

Donald J. Sherwood, MAI — 12/06/2003 Date

THE STATE OF TEXAS)
COUNTY OF TARANT)

BEFORE ME, the undersigned authority, in and for Tarrant County, Texas, on this day personally appeared Donald J. Sherwood known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, This 22nd day of December, 2003

SHAWN ROBBINS
Notary Public, State of Texas
My Commission Expires
January 24, 2007

Notary Public, Tarrant County, Texas
My Commission Expires

TABLE OF CONTENTS

Summary of Determination of Compensation

Parcel # 2 Project Name/Number CMAQ 12, Midway Road at Keller Springs
Project # 91/835

Location or Address 15980 Midway Road, Addison, TX 75001

Character of Acquisition Whole ☐ Bisection I ☐
Partial ☒ Bisection II ☐

Owner M&F Development Company, Inc.
Address 13355 Noel Road, Suite 1315, Dallas, TX 75240 Telephone
Occupant Vacant Land c/o Fritz Duda Jr. Telephone 972-934-2244

Whole Property (from 3-1)

Fee Area	96,021	SF,	2.2043	Acres
DE Area	-	SF,	-	Acres

Highest & Best Use	Com. Dev.
Value By Market Data	$864,189
Value By Cost Approach	N/A
Value By Income Approach	N/A
Final Value Conclusion	$864,189

Remainder After Acquisition (from 6-1)

Fee Area	94,093	SF,	2.1600	Acres
DE Area	-	SF,	-	Acres
TE Area	-	SF,	-	Acres

Highest & Best Use	
Value By Market Data	$846,837
Value By Cost Approach	N/A
Value By Income Approach	N/A
FINAL VALUE CONCLUSION	$846,837

Area Acquired (from 4-1, 4-2, 4-3)

Fee Area	1,928	SF,	0.0443	Acres
DE Area	-	SF,	-	Acres
TE New	-	SF,	-	Acres

Value from Information on Whole	☒
Value Determined Independently	☐
Highest & Best Use	As part of Whole

Improvements

Concrete Paving	$68
TOTAL IMPROVEMENTS	$68

Land

Fee	$17,352
Drainage Easement	
Temporary Easement	
TOTAL ACQUISITION VALUE	$17,420

Remainder Before Acquisition (Calc.)

Value of Whole	$864,189
LAND Value of Area Acquired	$17,352
LAND Value of Remainder	$846,837

Determination of Compensation

Value of Area Acquired (Land Only)		$17,352
Value of Remainder Before Acquisition	$846,837	
Value of Remainder After Acquisition	$846,837	
Damages (or Enhancement)		$0
Temporary Easement		$0
Permanent Easement		$0
Improvements within ACQUISITION AREA		$68
TOTAL COMPENSATION		**$17,420**

Comments: The appraiser's opinion is that there are no permanent damages to the remainder as a result of the acquisition and no compensation is due in this regard.

LEGAL DESCRIPTION OF THE SUBJECT PROPERTY

The subject is legally described as part of Lot 2, Midway Park North II, City of Addison, Dallas County, Texas.

PROPERTY RIGHTS APPRAISED

The property rights being appraised consist of a fee simple estate and/or an easement in the subject property. Fee simple estate is defined in The Dictionary of Real Estate Appraisal, Fourth Edition, copyright 2002, page 113, by the Appraisal Institute as being:

> "Absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by the governmental powers of taxation, eminent domain, police power, and escheat."

An easement is defined in The Dictionary of Real Estate Appraisal, Fourth Edition, copyright 2002, page 90, by the Appraisal Institute as being:

> "An interest in real property that conveys use, but not ownership of a portion of an owner's property. Access or right-of-way easements may be acquired by private parties or public utilities."

INTENDED USE OF THE REPORT

The intended use of this report is to provide an estimate of market value of the subject property land and total compensation due to the owner. The intended user is Dallas County to assist in the acquisition of right-of-way for a public purpose. Any other use of this report is not authorized.

SCOPE OF THE APPRAISAL

The scope of the appraisal means the extent of the process of collecting, confirming and reporting data. An estimate of the total compensation due to the owner of the property as the result of a proposed acquisition from the property is prepared. This will require an appraisal of the Whole Property, the Area Acquired and the value of the Remainder Before and After the Acquisition. The process included collecting data and information concerning the subject property and an inspection of the property. The appraiser has examined public records including plat and map records such as zoning maps, ordinances, and flood plain data.

Upon determination of the subject's Highest and Best Use, the appraiser researched public records for recent sales of comparable properties. Factual data collected on the comparable sales included characteristics of the site and improvements, if any, consideration of the sale price given, extent of financing made available, if any, and dates of sale.

When applicable, the appraiser also examines and researches rental rates and expenses in the development of the Income Approach. When applicable, the Cost Approach is developed through the Marshall and Swift Cost Calculator Service, file data and/or interviews with developers/builders/contractors. This information has been analyzed and is presented in the following report.

JURISDICTIONAL EXCEPTION

This appraisal is intended to conform to the requirements of the USPAP. Jurisdictional exception provides for severability preserving the balance of USPAP if one or more parts of USPAP are "contrary to law or public policy of a jurisdiction." According to USPAP, "A law means a body of rules with binding legal force established by controlling governmental authority." This includes federal and state constitutions, legislative and court made law, administrative rules, regulations and ordinances. As appraisals performed for eminent domain are subject to certain constraints based on statutory and case law regarding compensability, the issue of jurisdictional exception has been invoked in the preparation of this appraisal and report.

DATE OF VALUE ESTIMATE

The effective date of this appraisal is the date of the inspection December 5, 2003. The date of the report is the date of the signature on the first page of this report.

EXPOSURE PERIOD

A reasonable exposure period for the subject property is considered to be within twelve months, approaching a value, and highest and best use, as stated herein.

REPORT TYPE

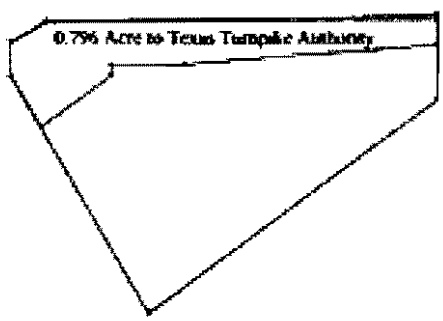
Due to the jurisdictional exception granted to governmental agencies with the power of eminent domain, such as Dallas County, some of the traditional requirements of USPAP are not applicable. As required by Dallas County, standardized forms have been completed and are included herein, along with supplemental comments when appropriate.

In accordance with the USPAP, the appraisal of the subject property is reported in the following text as a summary appraisal report. As such, it represents a summary discussion of the data, reasoning and analyses that were utilized in the appraisal process to develop the appraiser's opinion of value. Supporting documentation concerning the data, reasoning and analyses is retained in the appraiser's file. The depth of discussion contained in this report is specific to the needs of the client and for the intended use stated previously. The appraiser is not responsible for unauthorized use of this report.

HISTORY OF SUBJECT PROPERTY

The Standards of Professional Appraisal Practice require full disclosure of any sales or property transfers occurring within the previous three years of the date of value. According to Deed records, the subject property is currently vested in M & F Development Company, Inc. Deed records indicate that the property was conveyed from Pacific Inland Bank, Accommodator on April 24, 1990.

The original deed records indicate that the subject tract contained 3 acres. However, a portion of the property along the north property line was acquired by the Texas Turnpike Authority in 1997. Deed records indicate that the Texas Turnpike Authority acquired 0.796 acre, or 34,659 square feet. As such, the indicated size of the subject today is about 2.2043 acre, or 96,021 square feet.



Currently, the subject property is listed for sale through the Robert Lynn Company. The asking price quoted was $10.00 per square foot, or about $962,676. The site is being marketed as 2.21 acres by Mark Miller, Chris Jackson and Becky Miller. According to Becky Miller, there are no pending contracts or offers on the property as of December 8, 2003.

ENVIRONMENTAL DISCLAIMER

The value estimated in this report is based on the assumption that the property is not negatively affected by the existence of hazardous substances or detrimental environmental conditions. While possible environmental issues were observed, we have assumed that the property is not negatively affected. It is possible that tests and inspections made by a qualified hazardous substance and environmental expert would reveal the existence of hazardous materials and environmental conditions on or around the property that would negatively affect its value.

DEFINITION OF MARKET VALUE

Market Value is defined by City of Austin v. Cannizzo, 267 S.W. 2d 808 (Tex 1954) as being:

> "The price the property would bring when offered for sale by one who desires to sell, but is not obliged to sell, and is bought by one who desires to buy, but is under no necessity of buying, taking into consideration all of the uses to which it is reasonably adaptable and for which it either is, or in all reasonable probability, will become available within the reasonable future."

INSPECTION INFORMATION

On September 25, 2000, a certified owner contact letter was mailed to the property owner, Mr. Fritz Duda Jr. of M & F Development Company, Inc. On October 31, 2000, an initial inspection of the property was made with the property owner. Subsequent to the original inspection and report, the proposed right-of-way was redesigned. The new right-of-way plans were completed in May 2003. Subsequent calls were made to Mr. Fritz Duda Jr. in October and early December 2003. Mr. Duda was reported to be out of the country. A subsequent inspection of the property was made from public right-of-ways on October 23 and December 5, 2003. On December 11, 2003, Mr. Duda called the appraiser and gave permission to inspect the property.

NEIGHBORHOOD DESCRIPTION

A neighborhood is typically a segment of a community, city or town, which is a homogeneous grouping of individuals, buildings, or business enterprises within the larger community. A neighborhood has three stages of life and possibly a fourth. They are: (1) integration (the development stage), (2) equilibrium (the static stage), (3) disintegration (the declining or decaying stage), and possibly, (4) a redevelopment or rejuvenation state or period and continuance of the neighborhood life cycle. Principal factors which improve neighborhood values are good schools, churches, recreational facilities, homogeneity and civic responsibility, prestige and visual appeal, satisfactory transportation affording good ingress and egress, good planning, adequate utilities, conformity in land use, sensible zoning, and topographical and geographical advantages. Some factors which reduce neighborhood values are: the tendency of inhabitants to think the neighborhood is losing its desirability, movement of undesirable uses into the area, lack of zoning protection, increasing taxes, reduced rental rates and values of surrounding properties, lack of adequate planning, community pride, and nuisances. The revised edition of this book entitled *Real Estate Appraisal Terminology* defines a neighborhood as:

A portion of a larger community or an entire community in which there is a homogeneous grouping of inhabitants, buildings or business enterprises. Inhabitants of a neighborhood usually have more than a casual community of interest. Neighborhood boundaries may consist of well-defined natural or man-made barriers or they may be more or less well defined by a distinct change in land use or in the character of the inhabitants.

Boundaries

The subject is in the western part of the Town of Addison, which is approximately 15 miles to the north of the Dallas Central Business District. For purposes of this report, the neighborhood boundaries are best described as follows.

North	Frankford Road
South	IH-635 (LBJ Freeway)
East	Marsh Lane
West	Preston Road

A map highlighting these boundaries follows this section. The neighborhood is primarily influenced by the Dallas North Tollway and Beltline Road corridors.

Access

Primary east/west access to the neighborhood is provided by LBJ Freeway (Interstate Highway 635), Belt Line Road, Arapaho Road, Spring Valley Road, Frankford Road and Trinity Mills. The Dallas North Tollway/Dallas Parkway, Preston Road, Addison Road, Marsh Lane and Midway Road are major arterial roads that traverse the far north Dallas area in a north/south direction. The market area is bisected by the Dallas North Tollway which provides excellent direct access to the Dallas Central Business District, as well as the northernmost suburbs of Dallas.

Interstate 635 is a major highway that loops the northern half of Dallas. President George Bush Turnpike, (SH-190) a six-lane toll road highway, bisects the City of Carrollton east to west along the existing Trinity Mills corridor, providing an additional east-west thoroughfare through far north Dallas. Overall, access from all directions is considered good.

Transportation
Public transportation (bus service) is provided by Dallas Area Rapid Transit (DART) and is considered average.

Demand Generators
Addison's location in the Dallas/Fort Worth Metroplex provides its residents and businesses with access to a region of over 4.0 million people. The market area contains, or is proximate to several major employment centers. The area is located approximately three miles north of the LBJ corridor, which is home to numerous office buildings and retail centers. Other employment centers within a 20-minute driving distance include the "Telecom Corridor" area along North Central Expressway in Richardson and Plano, Medical Center of Plano, and Presbyterian Hospital of Plano. Although the majority of market area residents commute to jobs in other parts of the metro area, the market area contains several significant employers. Employers in the area are located primarily along the Dallas North Tollway and the Legacy Business Park. Some employers in the area include JC Penney, Electronic Data Systems, Frito Lay, AT&T, Hewlett-Packard, Ericson, CompUSA, Network Associates, Tenant Health Care System, and Pizza Hut.

In addition, the Addison Airport (ADS) is located just east of the subject property. The airport was built in 1957 and was sold to the Town of Addison in 1986. It is now the third largest general aviation airport in the country. It has 750 based aircraft and a 7,200 foot runway with numerous private hangers. It is the preferred choice of most owners of private and corporate jets in the Metroplex. We believe that there is no negative impact to the subject property due to the amount of surrounding single-family residential, multi-family, industrial, and commercial/retail uses. Also, there has been continuous new development of apartments, office and commercial product in this area for the last five years.

Retail and Public Services
The nearest commercial area with restaurants, convenience stores and support services are located along all major intersections of the market area, but particularly along the Beltline Road corridor. The nearest fire and police stations are within two miles of the property.

Land Use
The market area land uses include a mix of residential (single-family, multi-family, and townhouse), commercial, retail, and light industrial. The vast majority of the area's land use is residential. Commercial uses (office) are generally located along Marsh Lane, Spring Valley, and Belt Line Road. Retail uses are also generally concentrated along major intersections throughout the market area and most significantly along Beltline Road between Marsh Lane and the Dallas North Tollway. It is heavily developed with shopping centers and restaurants. Land use characteristics are summarized in the following outline format.

SUMMARY OF LAND USE	
Type:	Suburban
Property Values	Increasing
Approximate Total Percent Built up	95%
Single-family	10%
Apartments	35%
Commercial	50%
Industrial	5%
Prevailing Single-family Price Range	$150,000 to $250,000
Predominant Single-family Price	$175,000
Change in Land Use	Not likely
Infrastructure/Planning	Average to good
Predominant Age of Improvements	15 years
Predominant Quality and Condition	Average
Predominant Location of Undeveloped Land	North
Prevailing Direction of Growth	North

Demographic Factors

The market area falls within the 75001 zip code. Although there are zip code overlaps for the subject market area, the following demographic data as extracted from Claritas, Inc. should provide adequate insight on the subject market area. In this analysis, we have provided demographics within a three mile radius of the subject property.

Three Mile Radius	Population	Median Number of Households	Median Household Income
1990	96,059	45,182	$37,792
2000	131,492	63,325	N/A
2002	137,797	66,583	$62,715
2007 (projection)	153,563	74,613	N/A

The subject's market area is considered to be above the middle income range for the State of Texas.

Development Activity

During the last five years, the subject's market area has increased its population and number of housing units. However, much of the residential development occurred during the mid 1980's. Recently the rate of development has slowed somewhat. The area is still considered a high growth area and will continue to grow at a faster pace than the PMSA as a whole.

SITE ANALYSIS

DESCRIPTION AND ANALYSIS OF THE LAND

The subject site is summarized in the following tables. The description is based on our inspection as well as information provided by public sources and the client.

LEGAL DESCRIPTION

The subject is legally described as part of Lot 2, Midway Park North II, City of Addison, Dallas County, Texas.

PHYSICAL FEATURES

Land Area	Based on deed records, the whole subject property contains approximately 2.2043 acres, or 96,021 square feet. The current size estimate of the subject excludes right-of-way that was acquired from the property in 1997 along the northern property line. A current survey of the whole site was not provided.
Configuration	Irregular shaped. (See site/plat plan following this section).
Improvements	The subject property is mostly undeveloped. The southeast and east line of the property contains a concrete drive isle.
Topography	Near level.
Drainage	Adequate.
Flood Plain	
Community Panel #	48113C 0180J Dated August 23, 2001
Flood Zone	Zone X – Zone X is the flood insurance rate zone that corresponds to areas outside the 1-percent annual chance of floodplain. No Base Flood Elevations or depths are shown within this zone.
Flood Insurance	Insurance purchase is not required in this zone.
The subject and immediate surrounding area is not traversed by a major creek or drainage channel. Hutton Branch Creek is the closest stream, which is located about 2 blocks to the north.	
Environmental Hazards	
Environmental evaluation is beyond our scope of expertise. A qualified engineer should be consulted on this matter.	
Ground Stability	
We were not furnished a soil analysis to review. Our value conclusion is based upon the soil's load bearing capacity being sufficient to support the use or uses discussed in the Highest and Best Use section. We did not observe any evidence to the contrary during our inspection of the property.	

Easements, Encumbrances, and Moratoria
We were not provided a current survey or title report to review. However, an inspection of the site indicated overhead electrical lines along the perimeter portions of the property. Markers for underground utilities are also indicated in these areas. These easements are considered typical and do not hinder the use of the site. Conveyance documents indicate that the subject property has a shared access easement along the southerly and easterly lot line. This easement is currently developed with a concrete drive isle that is shared with the property owner on the south side of the subject.
Encroachments
We were not provided a detailed survey. No apparent encroachments were noted.

STREETS, ACCESS, FRONTAGE

Street	Midway Road
Frontage	Approximately 272.27 feet
Paving	Concrete
Curbs/Gutters	Yes
Sidewalks	No
Lanes	6
Direction of Traffic	North/South
Condition	Average
Traffic Levels	Medium to Heavy
Signals/Traffic Control	Signal near NW corner
Access	Average
Visibility/Exposure	Good

The subject also has about 567 feet of frontage along Keller Springs Road along the north side of the property. The intersection of Midway Road and Keller Springs Road is considered a major intersection in the neighborhood. However, the subject property has no access along Keller Springs Road. In 1997, the Texas Turnpike Authority (TTA) acquired a portion of the subject along Keller Springs for the construction of the Addison Toll Tunnel. This Tunnel was bored under the Addison Airport and the grade change of the roadway drops significantly along the subject. A retaining wall and fencing prevents access along the northern boundary of the subject to Keller Springs. The TTA alos maintains a tollbooth and small parking lot on the north side of the subject. It is also reported that the TTA denied access along the Keller Springs frontage along the subject.

Conversations with Steve Chutchian, P.E. Assistant City Engineer for Addison have indicated that the subject has 100 feet along Midway Road that the City would permit a drive (Before and After the proposed acquisition). This area is 50 northwest of the southeasterly lot line along Midway Road and is depicted in green on Page 1-12.

The latest traffic count (7/2002) on Midway Road at Keller Springs by the City of Carrollton shows 37,734 vehicles in a 24-hour period. On Keller Springs at Midway Road, the City of Carrollton showed 9,927 vehicles in a 24-hour period in 7/2002.

LEGAL

Zoning	
Designation	PD – Planned Development District 096-033 Generally for uses allowed in the I-1 Industrial District.
The subject zoning was changed in July 1996 as a result of a right-of-way acquisition for the Addison Toll Tunnel along the property's northern boundary (Keller Springs Road). As noted in Resolution No. R96-051 by the City Council of the Town of Addison, the acquisition from the subject property in 1996 would result in the remainder property to fail to conform to the City's zoning requirements for building setbacks, landscaping, parking space requirements and guidelines for fire lanes. As such, a zoning change was enacted to achieve conforming status for the remainder property after the right-of-way acquisition for the Addison Toll Tunnel project. In general, the underlying zoning district is the I-1 Industrial District. The I-1 District provides for industrial uses, along with most uses permitted in the C-2 Commercial District.	
Minimum Yard Setback	10 Feet along Keller Springs Road 25 Feet along Midway Road
Minimum Rear Yard	0 for adjacent commercial; 10 Feet for adjacent residential
Maximum Height	Six (6) stories
Maximum Lot Coverage	As the site existed on July 23, 1996.
Conformance	In essence, the subject is presently zoned with a PD that allows a smaller setback along the Keller Springs Road frontage (10 feet). The prior setback was 50 feet.

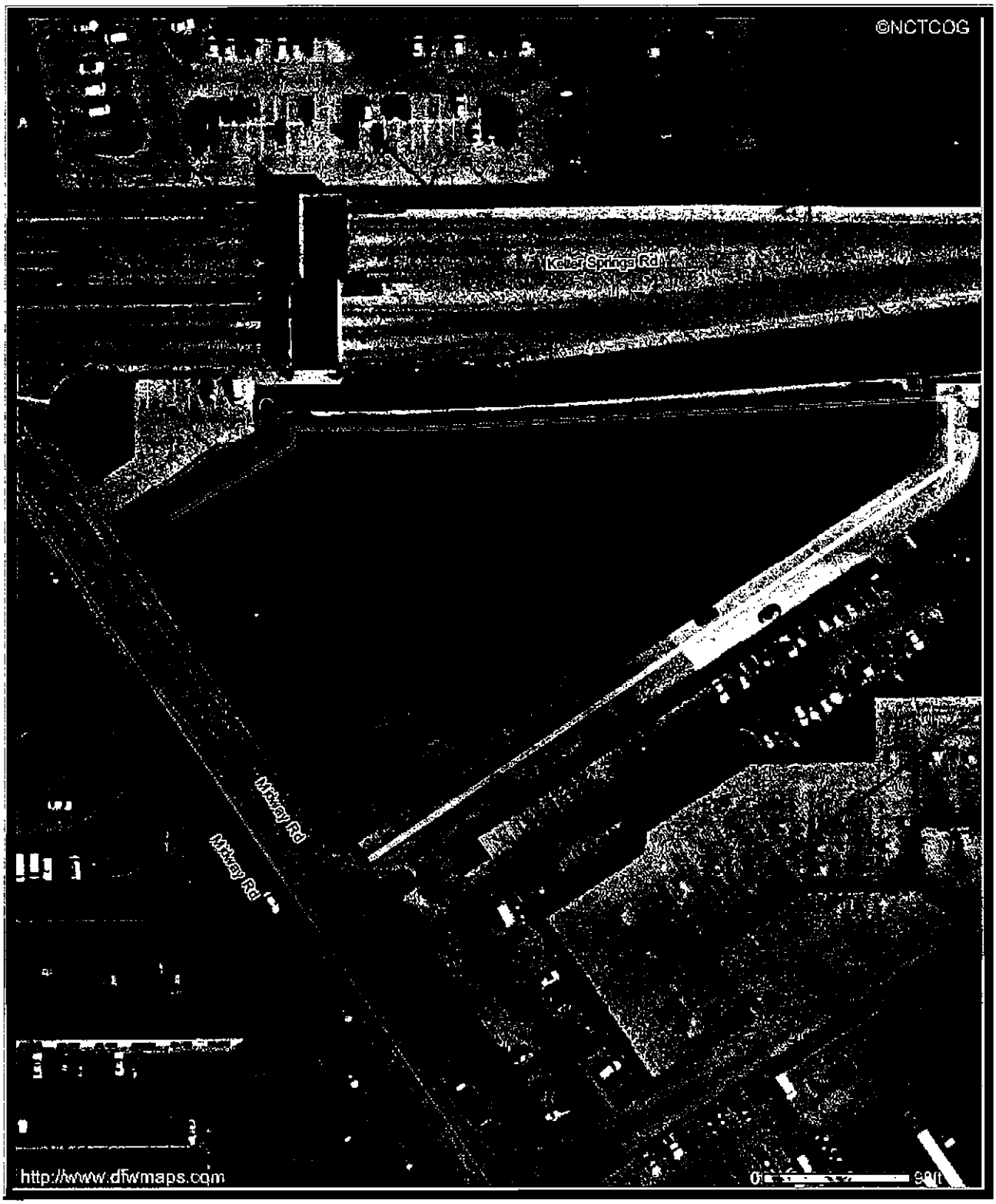
UTILITIES

Utility	Provider
Water	City of Addison
Sewer	City of Addison
Electricity	TXU Electric (Oncor)
Natural Gas	TXU Gas (Oncor)
Local Telephone	Southwestern Bell

SUMMARY OF LAND DESCRIPTION

The subject parcel is a 2.2043-acre, or 96,021 square foot site located at the southeast quadrant of Midway Road and Keller Springs Road in Addison, Texas. While the subject has frontage along Keller Springs Road, access is restricted. Flood zone maps indicate that the site is not located within a flood zone. There are no obvious easements or encroachments that adversely impact the property. The zoning of the site is a planned development district, with underlying zoning that permits most industrial and commercial uses.

AERIAL PHOTO (CIRCA 2001)



Yellow = Property Line.
Red = Proposed Right-of-Way Acquisition.
Green = 100 feet along Midway Road that the City would permit a drive before and after the proposed acquisition.

TAX ANALYSIS

Real estate tax assessments are estimated by jurisdiction on a county basis for the subject. The property is located in Dallas County. Real estate taxes in this state and this jurisdiction represent ad valorem taxes, meaning a tax applied in proportion to value. The real estate taxes for an individual property may be determined by dividing the assessed value for a property by $100, then multiplying the estimate by the composite rate.

The assessed values are based upon the current conversion assessment rate of 100% of assessor's market value. For reference purposes, the subject has been assigned a property tax identification number as follows:

Property Tax Identification Number (s)	10-05100-000-002-00-00

Real estate taxes are due January 31st of each year and are considered delinquent on February 1st. Tax rates are reviewed once a year. The composite 2003 tax rates and 2003 assessed values for the subject is itemized as follows:

REAL ESTATE TAXES				
Tax Owner	Improvement Value		$	-
M & F Dev.	Land Value		$	460,010.00
Co. Inc.	Total Value		$	460,010.00
	TAX RATE PER $100		**TAXES**	
Dallas County	$	0.541160	$	2,489.39
Addison	$	0.422800	$	1,944.92
Dallas ISD	$	1.639500	$	7,541.86
TOTAL	**$**	**2.603460**	**$**	**11,976.17**

The subject tax records indicate that the whole subject site is comprised of 130,684 square feet, or 3.0001 acres. Presently, the subject tax records indicate that the land is assessed at $3.52 per square foot.

PROJECT DESCRIPTION

The County of Dallas is proposing to improve the intersection of Midway Road and Keller Springs Road with wider turning radiuses to accommodate longer trailers. This will include widening portions of Midway Road, increasing vehicle turning radii, enhancing accessibility for the disabled and making utility and traffic signal adjustments. This project involves partial acquisitions consisting of both fee acquisitions and temporary easements to allow for the expansion. The overall purpose of the project is to provide the traveling public a good, traversable, and safe public roadway.

For the subject site, Dallas County has proposed to acquire 1,928 square feet of land area in fee interest. The fee area generally consists of a narrow parcel along Midway Road. The proposed acquisition has approximately 272.27 feet of frontage along Midway Road and a depth of about 1.81 feet at the south property line, increasing to a depth of 18.15 feet at the intersection with Keller Springs Road.

In has been noted that the original acquisition proposed for the subject would have allowed for a longer stacking turn lane along Midway Road. However, this would have affected ingress/egress to the property. The proposed acquisition was redesigned in May 2003 and a shorter stack lane was designed. According to Steve Chutchian, P.E. with the city of Addison, the permitted access area before and after the proposed (revised) right-of-way will be the same.

An inspection of the site indicated that the proposed acquisition contains some concrete paving.

HIGHEST AND BEST USE

According to the Appraisal Institute, The Appraisal of Real Estate, 12th Edition, the highest and best use of a property is defined as "The reasonably probable and legal use of vacant land or improved property, which is physically possible, appropriately supported, financially feasible, and that results in the highest value." The highest and best use is estimated based upon two different premises: 1) as if vacant and available for development, and 2) as presently improved. Since the subject property is unimproved, the "as vacant" premise is applicable. In the highest and best use, the following four criteria must be met.

ANALYSIS OF SITE "AS VACANT"

PHYSICALLY POSSIBLE

Many physical characteristics of a site can affect the uses to which it can be put. These characteristics can include size, location, shape, road frontage, topography, easements, utility availability, flood plain, and surrounding properties. The subject site consists of 2.2043-acres, or 96,021 square feet of land.

As indicated in the site analysis, traffic counts along Midway Road are considered strong. Keller Springs Road has significantly lower levels of traffic. The site does not have access to Keller Springs Road. Keller Springs Road drops below grade at the subject for the Addison Toll Tunnel under the Addison Airport.

An observation of uses along Midway indicates that the majority of properties have either retail or office users. Most office tech space in the area is located on interior parcels.

The topography was found to be about grade level of Midway Road. According to the Flood Insurance Rate Maps, the subject property does not lie within an identified flood hazard area. As previously mentioned, utility easements are present along the perimeter portions of the site. The location of the easements is typical and does not have an adverse affect on the utility of the site.

LEGALLY PERMISSIBLE

Except for legally non-conforming property, the first step in determining what is legally permissible is to analyze private restrictions, zoning, building codes, historic district controls, and environmental regulations. The subject is presently zoned with a planned development category, which was enacted in anticipation of a prior right-of-way acquisition from the site in 1997. The acquisition was along the Keller Springs frontage for the development of the Addison Toll Tunnel. The underlying zoning of the subject is "I-1" – Industrial District. Permitted uses within the Industrial Districts are intended to establish for a variety of industrial, commercial and office uses. Given the subject's location on Midway Road, and considering the conformity of use, a commercial or light industrial development would be most likely for the interior portion. Some form of a commercial or light industrial development would have the greatest possibility of being economically viable under the present legal constraints.

FINANCIALLY FEASIBLE

The uses that are physically possible and legally permissible must be analyzed further to determine those that are likely to produce some income or return greater than the combined income needed to satisfy operating expenses, financial expenses, and capital amortization. All uses that are expected to produce a positive return are regarded as financially feasible.

Based on a review of office data for the immediate subject market, office vacancies have increased in the last 18 to 24 months. In addition, rental rates have been on the decrease in the immediate market. Based on the soft economy at this time, as well as prevailing occupancy and rental rates, speculative office development is not financially feasible. Most commercial and industrial developments at present are facing similar trends. As such, investment holding or development for owner occupancy of the subject property would be a possibility.

MAXIMALLY PRODUCTIVE

Among financially feasible uses, the use that provides the highest rate of return or value (given a constant rate of return), is the highest and best use. The soft economy has resulted in increased office, industrial and retail vacancy rates in most suburban areas of the Metroplex. Rental rates and occupancy rates are not sufficient to support speculative commercial or industrial development at present. Therefore, the highest and best use of the site is to hold for investment pending increased demand.

HIGHEST AND BEST USE – PART TO BE ACQUIRED

The Part to be Acquired is a 1,928 square foot parcel in fee interest with frontage on Midway Road. It has been noted that the size of the proposed acquisition would be too small to represent an economic unit within itself. While smaller than the whole site, there is no market evidence that would suggest a unit value of a parcel smaller than the whole subject could command a higher unit value of its contribution to the whole. It is the appraisers' opinion that the comparable land sales used to estimate the market value for the subject property whole land would be applicable to the part to be acquired. Therefore, its highest and best use is as part of the Whole Property.

HIGHEST AND BEST USE - REMAINDER

The highest and best use of the Remainder After the Acquisition is the same as that of the Remainder with the Part to be Acquired. After the acquisition, the Remainder will be essentially the same as the Whole Property, except that it will be slightly smaller with 94,093 square feet. There are no major building improvements bisected or within the proposed area of acquisition.

In has been noted that the original acquisition proposed for the subject would have allowed for a longer stacking turn lane along Midway Road. However, this would have affected ingress/egress to the property. The proposed acquisition was redesigned in May 2003 and a shorter stack lane was designed. According to Steve Chutchian, P.E. with the city of Addison, the permitted access area before and after the proposed (revised) right-of-way will be the same.

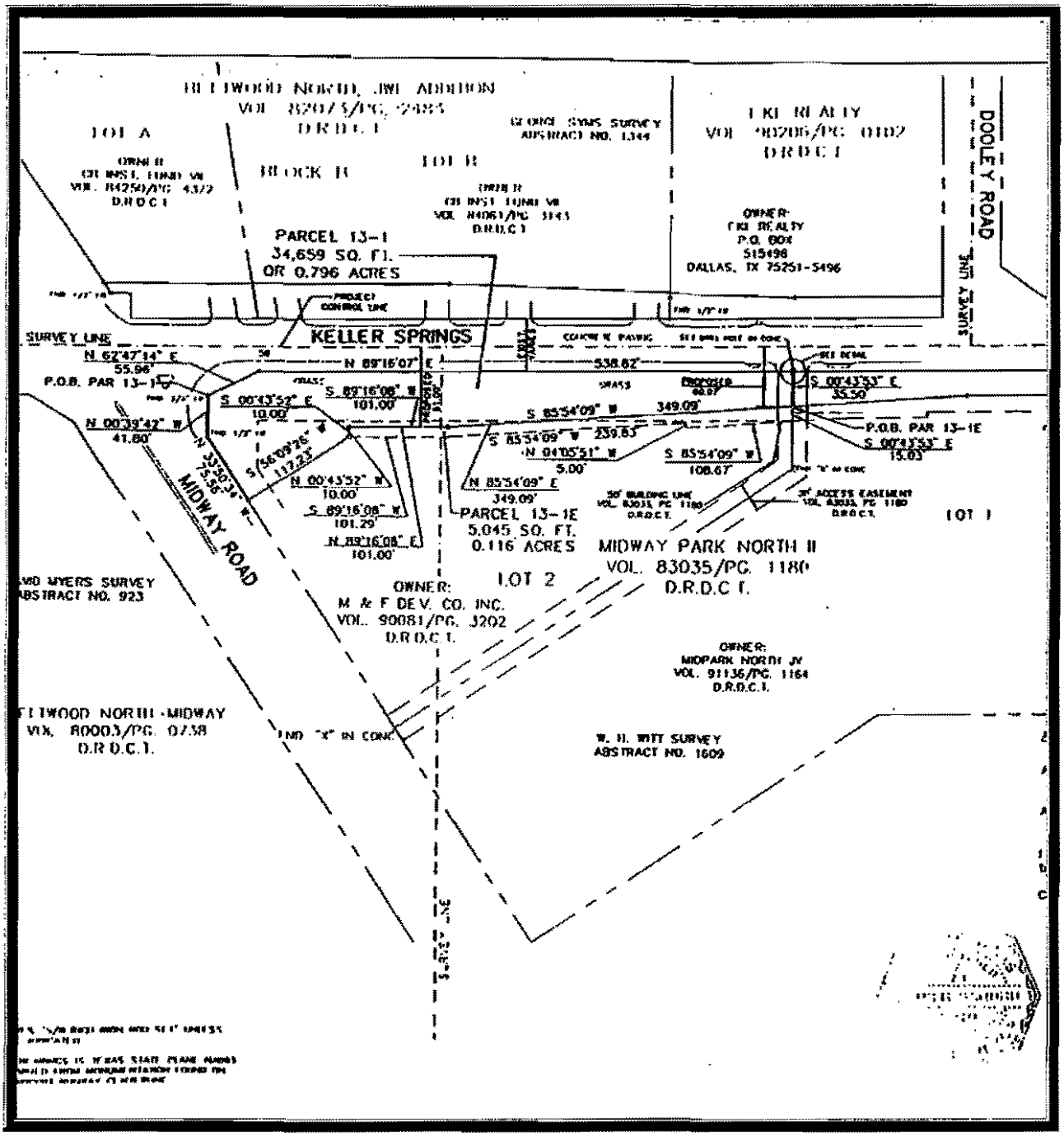
Based on the location on constraints of the acquisition, the proposed acquisition does not alter the functional utility of the site.

Therefore, it is concluded that the highest and best use of the Remainder After the Acquisition is the same as that of the Whole Property, and that no permanent damages to the Remainder result from the loss of the Part to be Acquired.

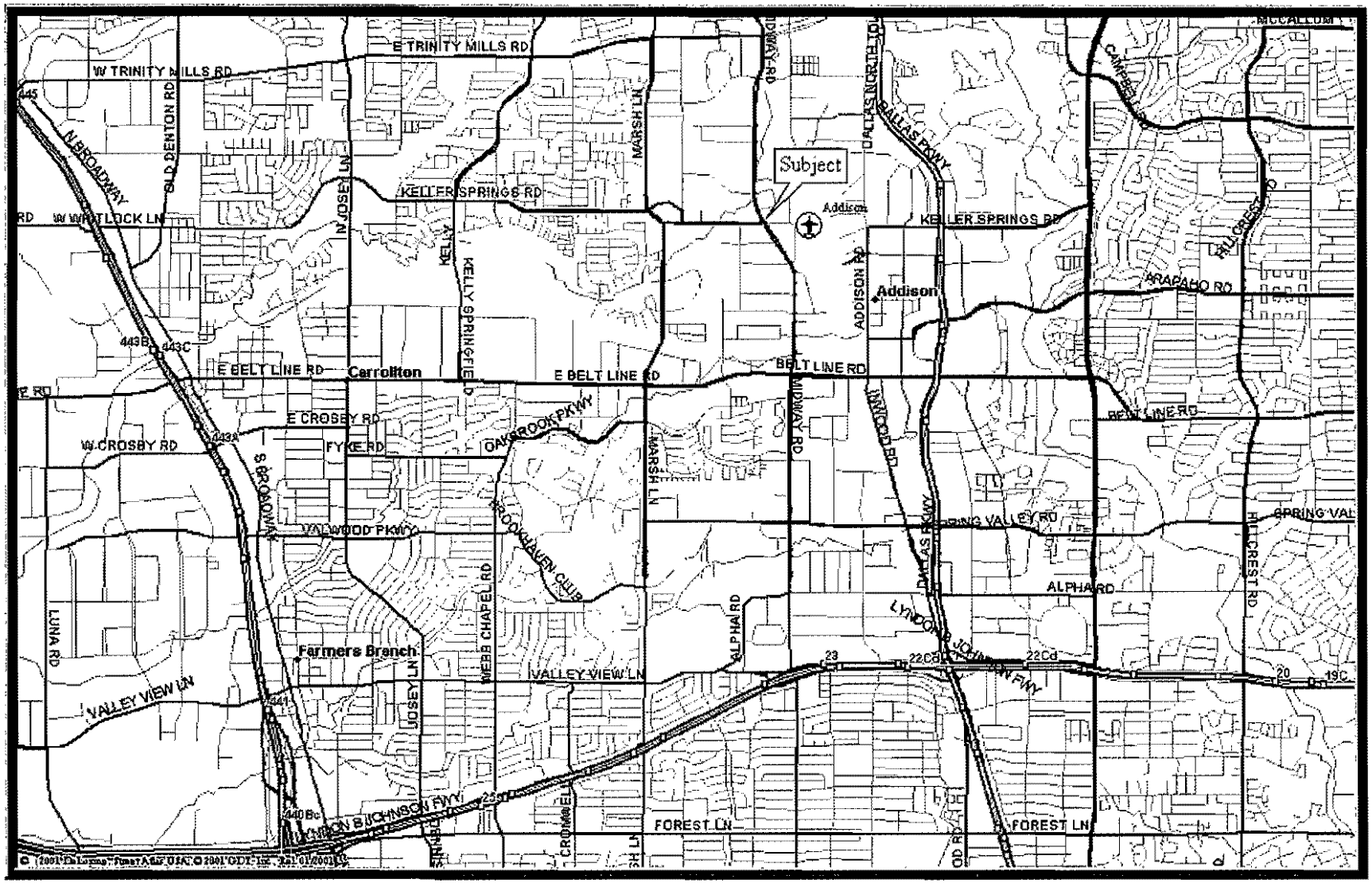
WHOLE PROPERTY SITE DESCRIPTION & ANALYSIS

Legal Description:	The subject is legally described as part of Lot 2, Midway Park North II, City of Addison, Dallas County, Texas.
Mapsco Location:	4-T (Dallas Book)
Size:	96,021 Square Feet or 2.2043 Acres
Dimensions:	272.27' along Midway Road; 567' along Keller Springs; 62.38' along east property line; 476.31' along southeast property line.
Present Zoning:	PD – Planned Development District (I-1 – Industrial District)
Highest and Best Use **As Vacant:** **As Improved:**	Investment holding or commercial development for owner occupancy. Undeveloped.
Utilities:	City of Dallas, TXU Electric & Gas (Oncor), Southwestern Bell
Terrain and Topography:	Generally level
Drainage:	Appears Adequate
Flood:	Zone X, area between limits of the 100-year flood and 500-year flood.
Easements of Record and Effect:	Based on an inspection of the site, there are no apparent easements adversely affecting this property.
Relationship of Site to Nearby Streets:	The subject is located on Midway Road, which is a major north/south arterial spanning between Loop 12 in Dallas and Parker Road in Plano. Keller Springs Road is considered a secondary arterial providing access between the Dallas North Tollway and Interstate 35E.
Describe Adjacent Development:	Users along Midway Road include mostly retail and office uses, with some industrial buildings. The surrounding area also has a high concentration of office-tech centers on interior collector streets. The Addison Airport is located immediately to the east of the subject. The Addison Airport is surrounded by numerous aviation support businesses.
Size of Area Acquired:	0.0443 Acres or 1,928 Square Feet of Fee Acquisition
Size of Remainder:	2.1600 Acres or 94,093 Square Feet

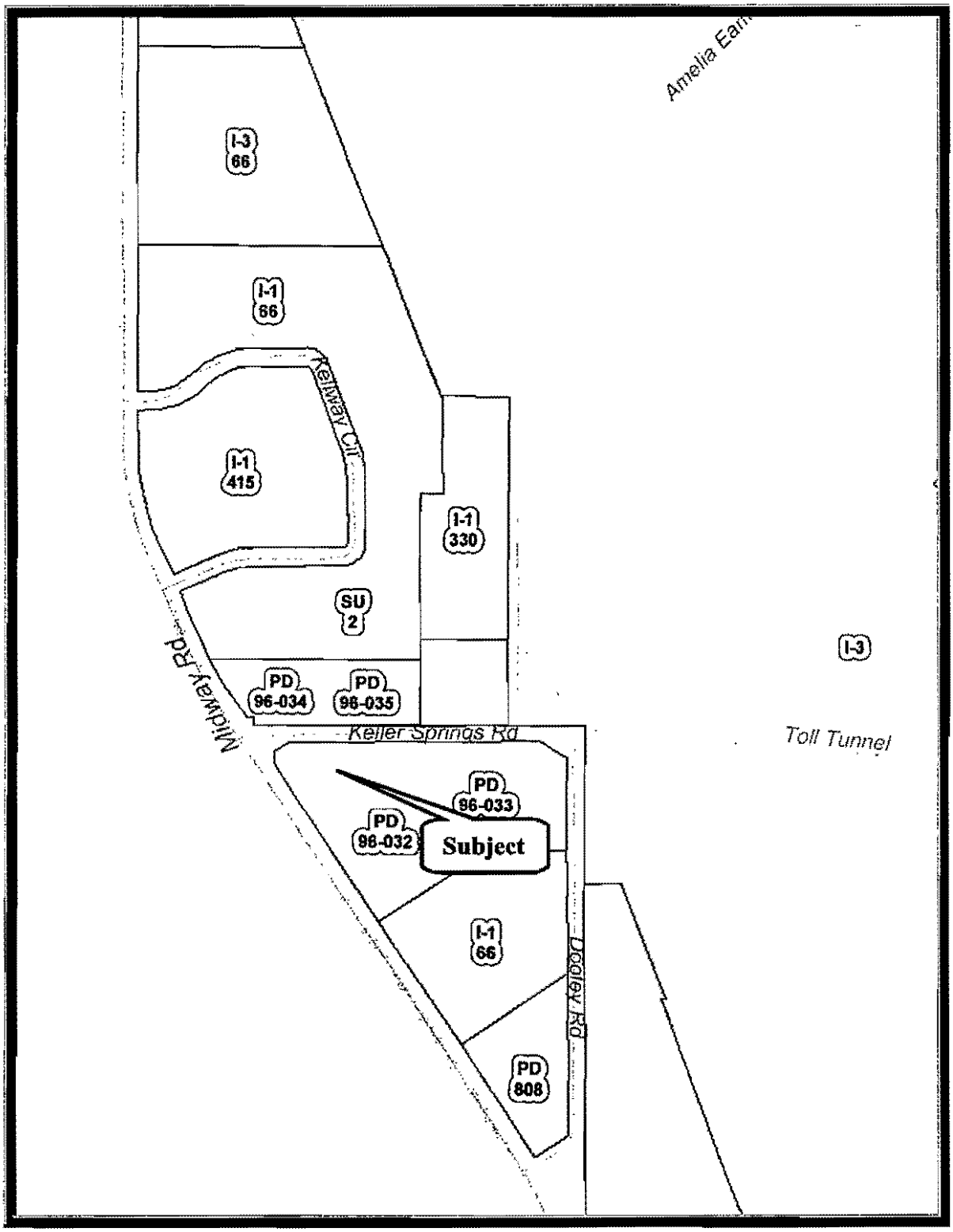
WHOLE PROPERTY MAP (FROM TTA)



AREA MAP


Subject
Addison
Carrollton
Farmers Branch
W TRINITY MILLS RD
E TRINITY MILLS RD
KELLER SPRINGS RD
E BELT LINE RD
BELT LINE RD
W CROSBY RD
E CROSBY RD
FYKE RD
OAKBROOK PKWY
VALWOOD PKWY
VALLEY VIEW LN
ALPHA RD
FOREST LN
SPRING VALLEY RD
ARAPAHO RD
MIDWAY RD
ADDISON RD
DALLAS PKWY
MARSH LN
KELLY SPRINGFIELD RD
WEBB CHAPEL RD
LUNA RD
N BROADWAY
S BROADWAY
JOSEY LN
DENTON RD
CROMWELL
HILLCREST RD
LYNDON B JOHNSON FWY

ZONING MAP


I-3
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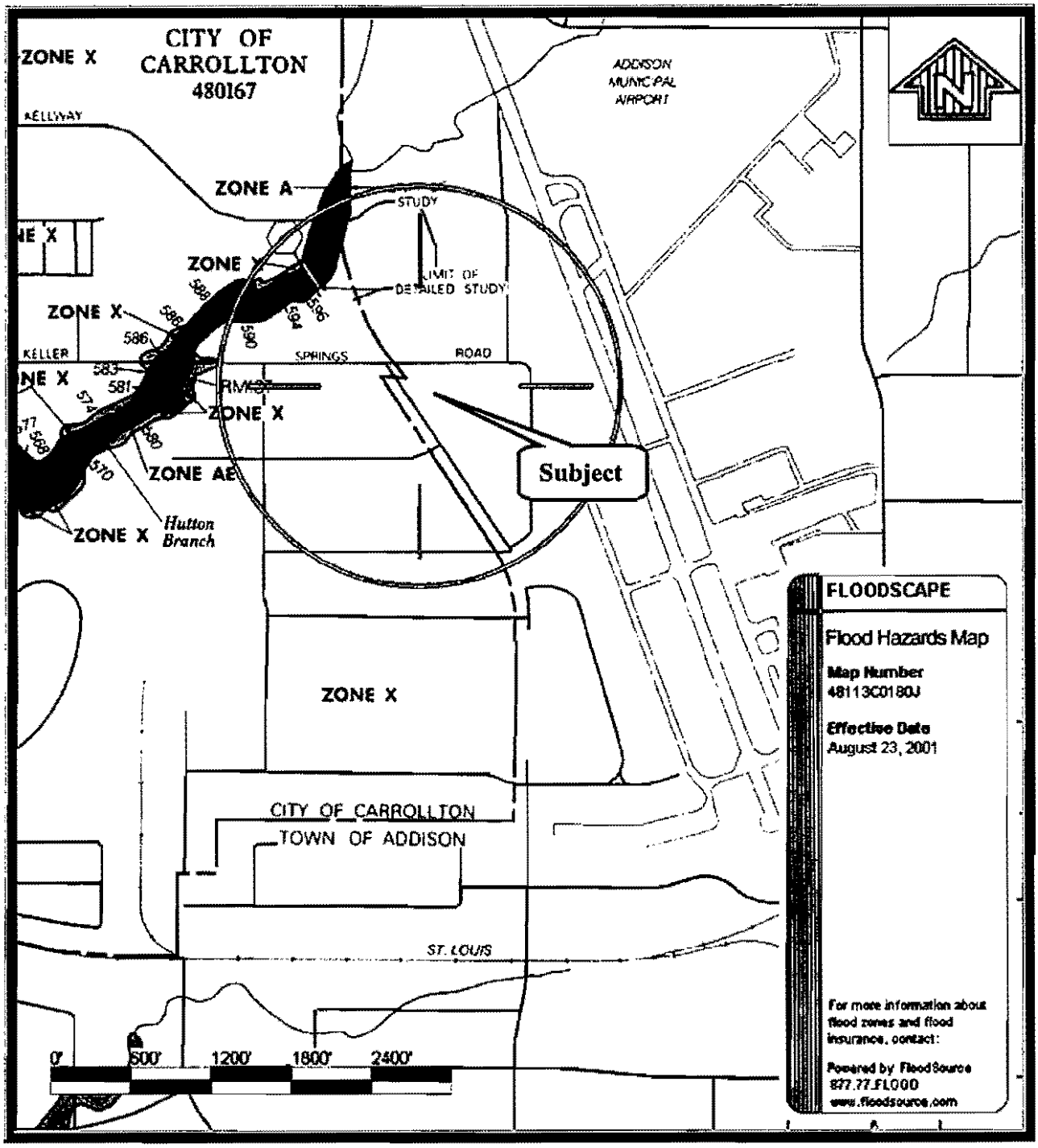
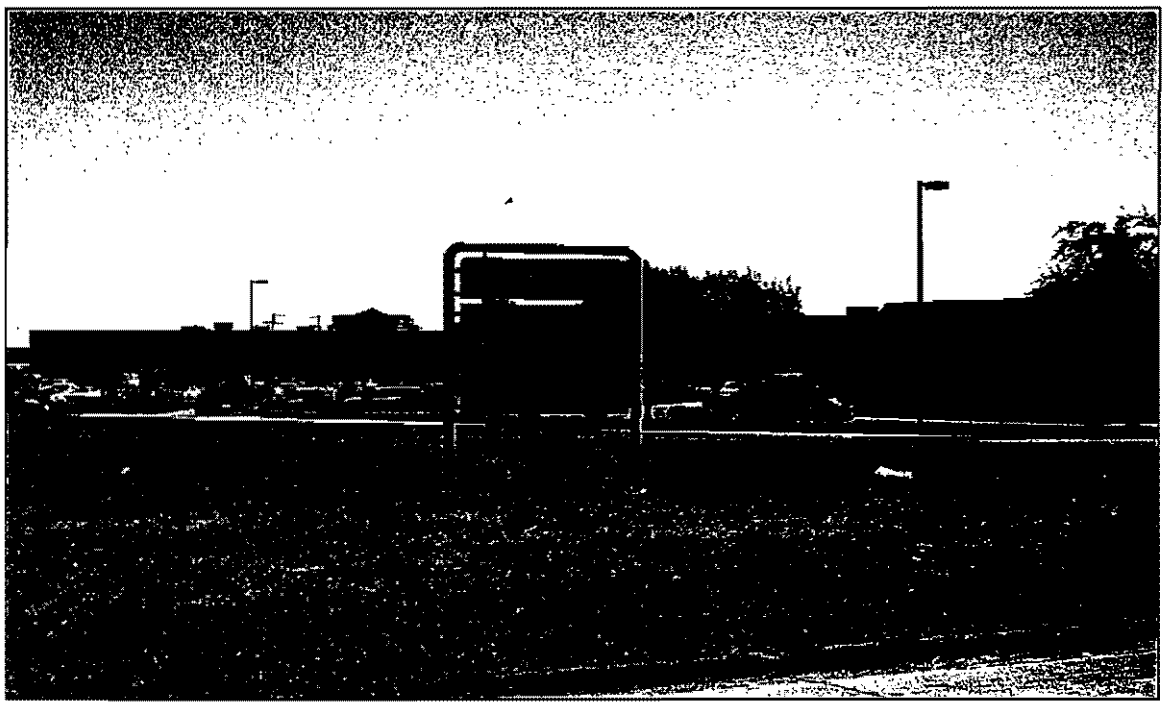
I-1
66
Kellway Cir
I-1
415
I-1
330
SU
2
PD
96-034
PD
96-035
Midway Rd
Keller Springs Rd
I-3
Toll Tunnel
PD
96-033
PD
96-032
Subject
I-1
66
Dooley Rd
PD
808

FLOOD PLAIN MAP

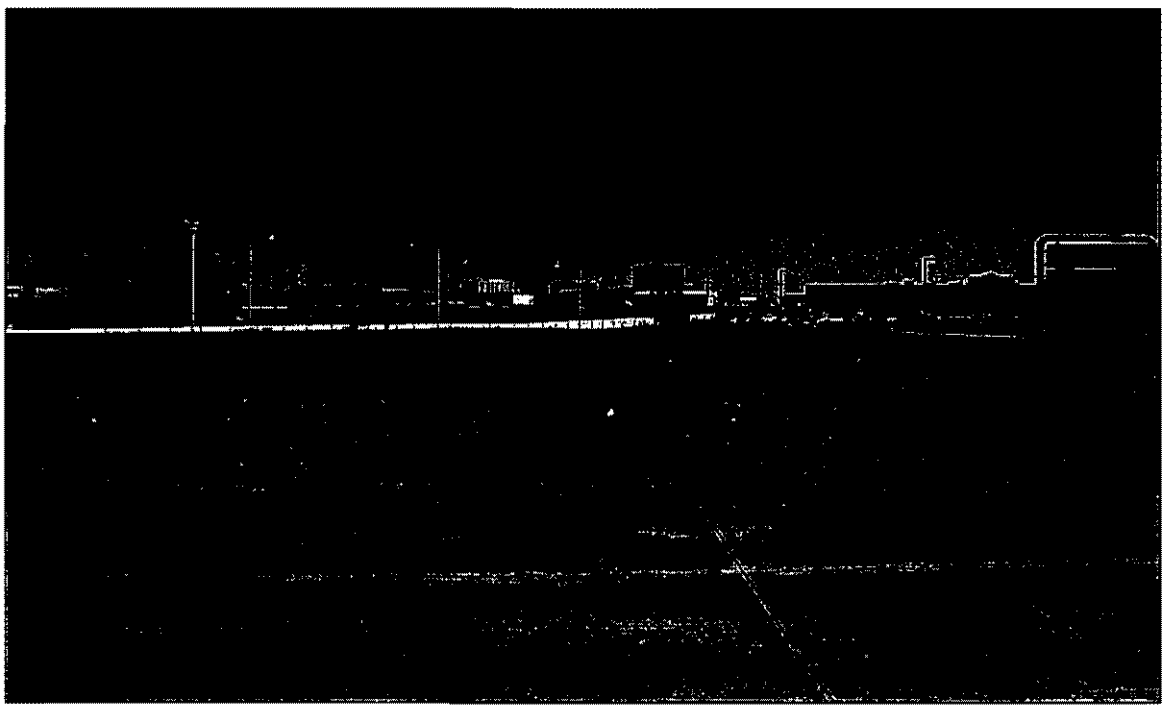


PHOTOGRAPHS OF SUBJECT PROPERTY
Include Each Major Improvement

Parcel No.:	2	Local Address:	15980 Midway Road
Date Taken:	12/05/2003	Taken By:	Fee Appraiser
1. Point from which taken:	Midway Road	Looking:	E at subject, marketing sign.



2. Point from which taken:	Midway Road	Looking:	NE at subject



PHOTOGRAPHS OF SUBJECT PROPERTY
Include Each Major Improvement

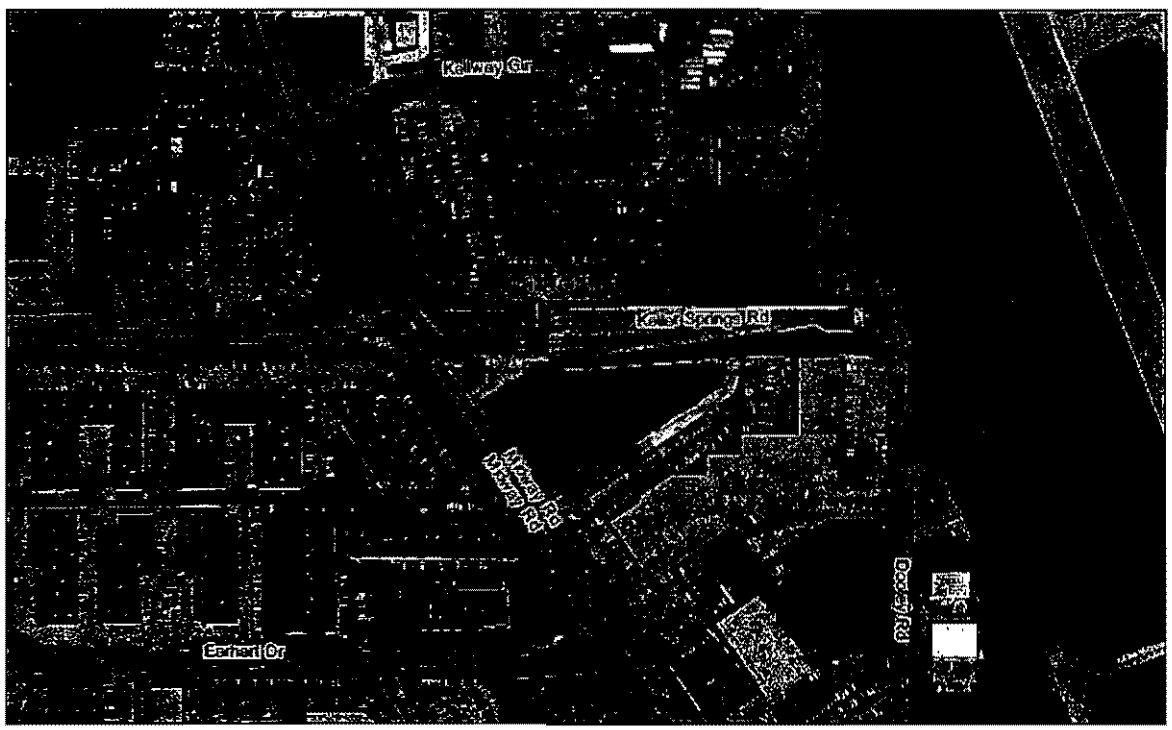
Parcel No.:	2		Local Address:	15980 Midway Road	
Date Taken:	12/05/2003		Taken By:	Fee Appraiser	
3.	Point from which taken:	Keller Springs Road	Looking:	E along subject	

4.	Point from which taken:	Keller Springs	Looking:	S along Midway / Subject (left)

PHOTOGRAPHS OF SUBJECT PROPERTY
Include Each Major Improvement

Parcel No.:	2			Local Address:	1702-1710 Singleton Boulevard
Date Taken:	09/22/2003			Taken By:	Fee Appraiser
5.	Point from which taken:	Midway Road		Looking:	NW along Midway / Subject (right)

6.	Point from which taken:	Aerial	Looking:	Surrounding Development



VALUE OF WHOLE PROPERTY

Correlation of Approaches to Value:

Income Approach.....	$	N/A
Cost Approach.....	$	N/A
Market Data Approach.....	$	864,189

Discussion:
The Market Data Approach is considered the only appropriate method of valuation and indicates that the value of the subject site is $864,189 for the 18,901 square foot Whole Property.

Estimated Land Value of the Whole Property..... $ 864,189

BREAKDOWN FOR COMPUTATION PURPOSES:

Contributory Value of Improvements (Itemized)	
Site Improvements	Not Valued
Total Contributory Value of Improvements	$ 0

Easement Value		SF @ $		= $	
Land Value	96,021	SF @ $	9.00/SF	= $	864,189

Total Land Value, Whole Property..... $ 864,189

COMPARABLE SALES SUMMARY

	LOCATION	SALE DATE	SALES PRICE	SIZE (SF)	ZONING
SUBJECT	15980 Midway Road Dallas, Texas 75212	-	-	96,021	PD
SALE 1	6100 Chapel Hill Plano, Texas 75093	3/19/2003	$622,031	59,241	RC
SALE 2	2435 E. Hebron Parkway Carrollton, Texas 75010	6/19/2003	$706,800	91,200	LC/O
SALE 3	4600 Preston Park Boulevard Plano, Texas 75023	10/29/2003	$1,720,090	277,434	O-M
SALE 4	17,3520 Marsh Lane Carrollton, Texas 75007	12/04/2002	$2,671,284	638,327	PD

The adjustments, as discussed starting on page 3-3 of this report, were made to compare each sale to the subject site and are summarized below.

ADJUSTMENT GRID

VALUATION GRID	Representative Comparable Sales			
	Comp No. 1	Comp No. 2	Comp No. 3	Comp No. 4
Grantor	Willow Bend	Christian	Dallas Home	Marsh Partners
Grantee	Chapel Hill	Marsh	R & B	Marsh Office
Date of Sale	3/19/2003	6/19/2003	10/29/2002	12/04/2002
Relative Location	6100 Chapel Hill	2435 Hebron Pkwy	4600 Preston Park	17,3520 Marsh Lane
Size (Acres)	1.360	2.094	6.369	14.654
Size (Square Feet)	59,241	91,200	277,434	638,327
Sale Price	$622,031	$706,800	$1,720,090	$2,671,284
Unit Price	$10.50	$7.75	$6.20	$4.18
Financing				
Condition of Sale				
Date of Sale				
Adjusted Price	$10.50	$7.75	$6.20	$4.18
Location	-15%	+10%	+10%	+10%
Physical Characteristics	+10%			
Size	-5%		+20%	+50%
Utilities				
Zoning				
Indicated Unit Value	$9.45	$8.52	$8.06	$6.69

The estimated value per square foot for the whole subject site is $9.00 per square foot, or $864,189 for the 96,021 square foot whole site.

DISCUSSION OF ADJUSTMENTS TO COMPARABLE SALES

The adjustment process is typically applied through either quantitative or qualitative analysis. Quantitative adjustments are often developed as dollar or percentage amounts, while qualitative adjustments are simply expressed through relative comparison (i.e. significantly inferior). Quantitative adjustments are most applicable when the quality and quantity of data allows paired sales or statistical analysis. Given the availability of data and imperfect nature of the real estate market, participants most often rely on relative or qualitative comparisons.

Combining the benefits of both qualitative and quantitative analysis, a blended adjustment technique has been used. This is accomplished through pre-assigning quantitative adjustments for relative comparison. The following chart illustrates the blended adjustment technique.

BLENDED ADJUSTMENTS	
Relative Comparisons	**Pre-Assigned Quantitative Adjustment**
Slight Adjustment	5%
Moderate Adjustment	10%
Fair Adjustment	15%
Significant Adjustment	20%
Large Adjustment	25% plus

Market participants can often identify superior or inferior characteristics when comparing properties. Without paired sales or statistical information, applying quantitative adjustments to reflect the differences is often problematic or subjective. For this analysis, the above listed quantitative adjustments reflect the need for slight, moderate, fair, significant, or large adjustments.

EXPLANATION OF ADJUSTMENTS FOR WHOLE PROPERTY - LAND

The previous sales have all been analyzed and adjusted to provide a value indication for the subject property. The unadjusted unit sale prices range from $4.18/SF to $10.50/SF. The unit prices have been adjusted for the factors indicated in the previous table as follows:

FINANCING TERMS

This adjustment is generally applied to a property that transfers with atypical financing such as having assumed an existing mortgage at a favorable interest rate. Conversely, a property may be encumbered with an above-market mortgage, which has no prepayment clause or a very costly prepayment clause. Such atypical financing often plays a role in the negotiated sale price.

All of the sales were cash equivalent to the seller and no adjustment was required.

CONDITIONS OF SALE
This category reflects extraordinary motivations of the buyer and seller to complete the sale. Examples include purchase for assemblage involving anticipated incremental value, or a quick sale for cash. This adjustment category may also reflect a distress-related sale, or significant buyer expenditures immediately after purchase. Each of the sales were reported to involve normal market conditions and no adjustment was required.

DATE OF SALE
Each of the sales occurred during the last year. Therefore, no adjustments are warranted.

If the previous adjustments are required, they are applied sequentially in the order indicated.

LOCATION
The subject property is located on Midway Road at Keller Springs. Sale 1 is located across from a major shopping mall. This location is considered to be superior to the subject and the sale was adjusted downward by 15%.

Sales 2 through 4 are located on roadways that have less traffic than Midway Road. The Midway Road frontage offers superior exposure. Therefore, a positive adjustment of 10% was made to each of these sales.

PHYSICAL FEATURES
The subject is rated average with regard to shape, topography, soil characteristics and encumbrances. Each of the sales except Sale 1 has relatively similar features. Sale 1 is an elongated triangular shape, which results in some unusable area. Therefore, a positive adjustment of 10% was made to Sale 1.

SIZE
The subject has 2.2043 acres. Based on the size of the sales, the market indicates that a downward adjustment of 5% is appropriate for Sale 1, a positive adjustment of 20% for Sale 3 and a positive adjustment of 50% for Sale 4.

UTILITIES
Each of the sales have utilities located in immediate proximity or onsite. No adjustment was required to the sales for utility availability.

ZONING
Each of the sales is considered to have reasonably similar use potential based on the zoning of the sites. No adjustments were required.

CONCLUSION OF VALUE

Before adjustment, the sales had a unit price ranging from $4.18/SF to $10.50/SF. After adjustments, the unit sales price ranged from $6.69/SF to $9.45/SF with a mean of $8.18/SF. Sales 1 and 2 are considered most similar based on size and indicate an adjusted unit price of $8.52 to $9.45 per square foot. Based on these sales, it is our opinion that a unit value of $9.00 per square foot is appropriate for the 2.2043-acre subject property.

Based on these adjustments the Estimated Market Value for the subject site is $9.00/SF for the 96,021 square foot site, or:

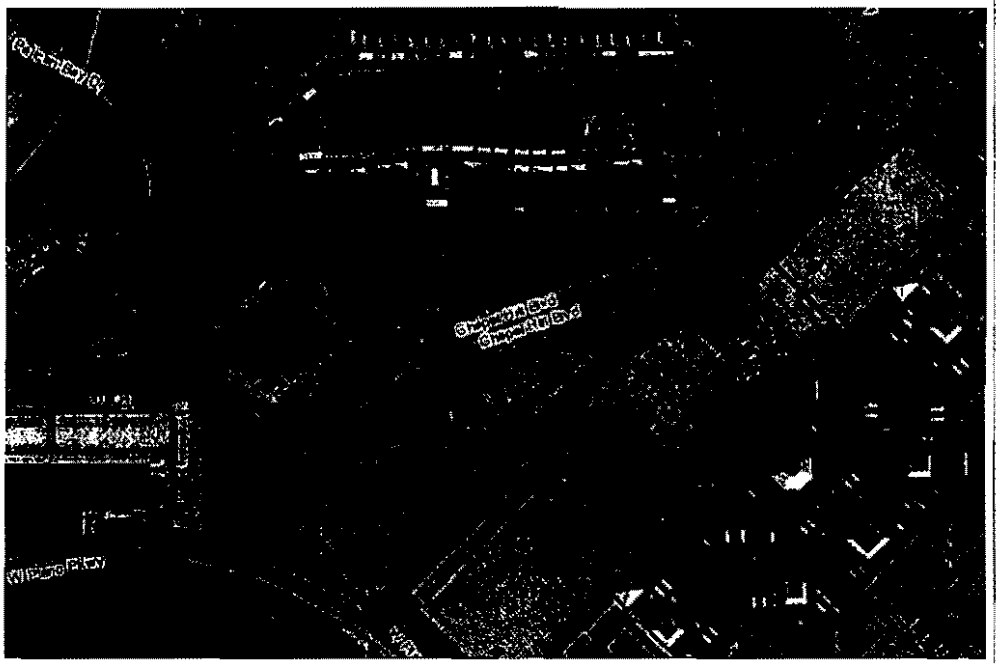
Area	Value Estimate	Unit Value Estimate
96,021 Square Feet	$864,189	$9.00

	COMPARABLE SALES DATA
Sale No. 1	**Project : CMAQ 12, Midway at Keller Springs, Project #91/835**

Address/Location:	6100 Chapel Hill Plano, Collin County, Texas 75093
Mapsco Location:	655-Q (Dallas Book)
Legal Description:	Part of Lot 2, Block 2, The Shops at Willow Bend, City of Plano, Collin County, Texas.
Grantor:	Willow Bend Associates LP
Grantee:	Chapel Hill Group, L.L.C.
Recording	
Recorded:	03/20/2003
Deed Date:	03/19/2003
Filed Date:	03/20/2003
Volume/Page:	2003-0050764
Actual Sale Price:	$622,031 or $10.50 per square foot
Special Information on Background of the Sale:	This sale is located across from The Shops at Willow Bend Mall.
Title Company:	Republic Title Company of Texas
Type Financing:	Cash to seller, $479,731 note
Lender:	First American Bank
Land Size:	1.360 acres, or 59,241 square feet
Improvements:	Being improved with a medical and office complex.
Highest and Best Use:	Commercial development
Zoning/Comments:	RC – Regional Commercial
Date Inspected:	10/27/2003
Condition of Improvements At Time of Sale:	No improvements at time of sale
Type of Street:	Chappel Hill – 6 lane concrete paved
Utilities Available:	☒ All ☐ Electric ☐ Gas ☐ Water ☐ Sewer
Comments:	This site was purchased for the construction of office and medical office space. The zoning also allows for retail use.

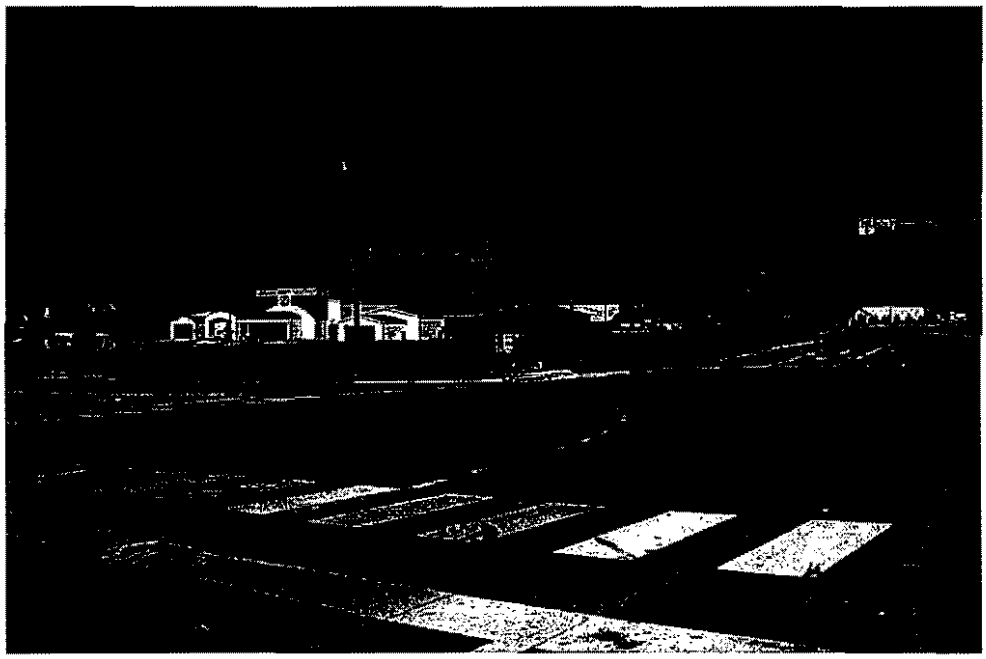
Land Sale 1

Photograph



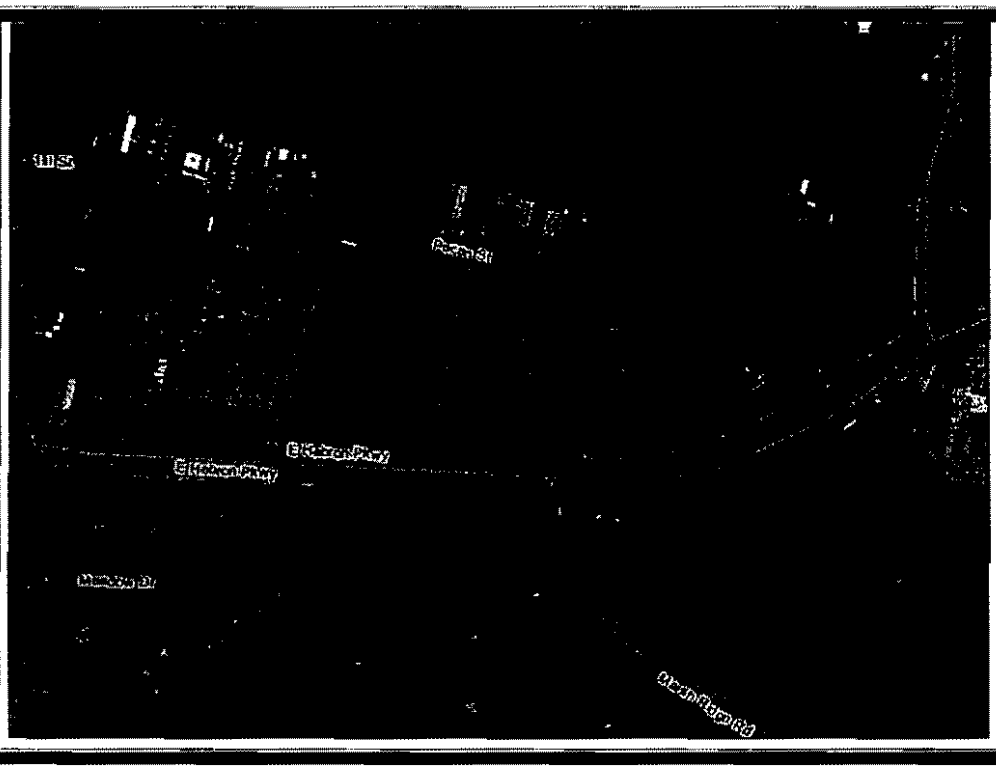
Land Sale 1

Plat Map



Land Sale 2

Photograph

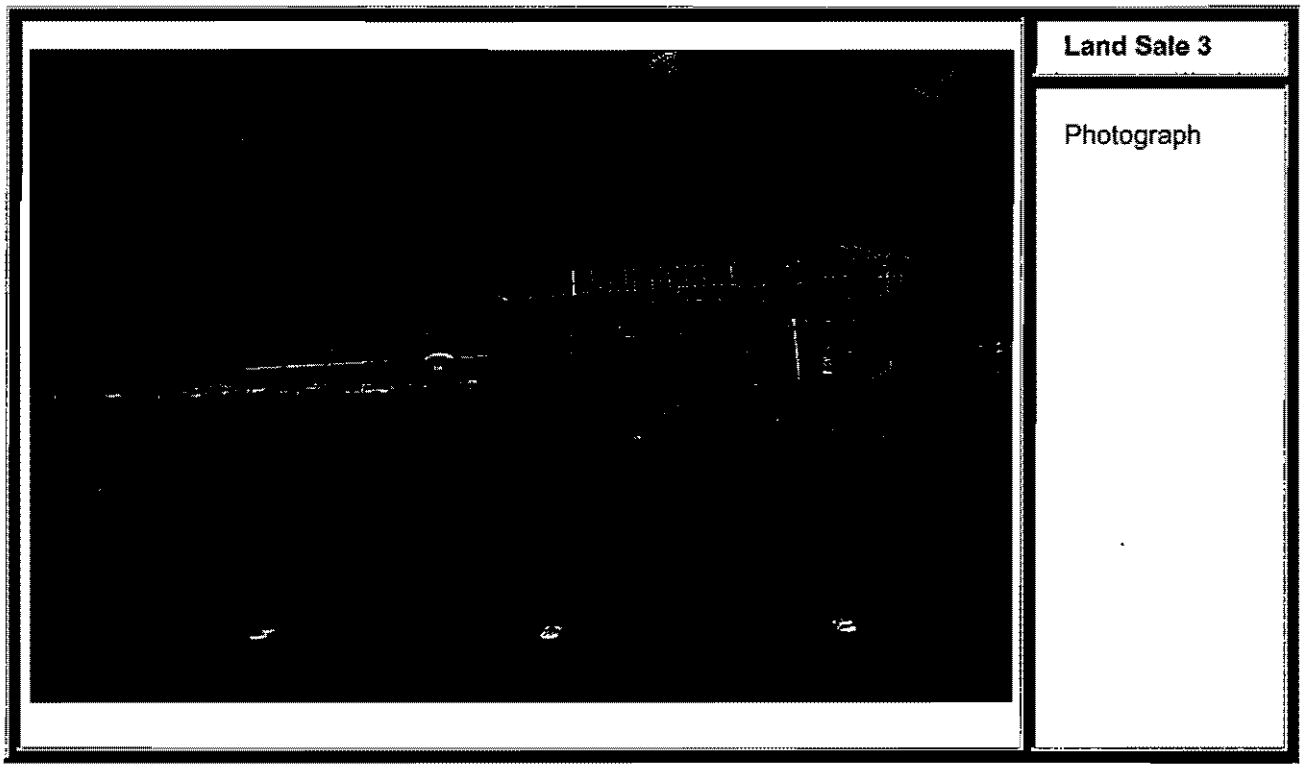


Land Sale 2

Plat Map

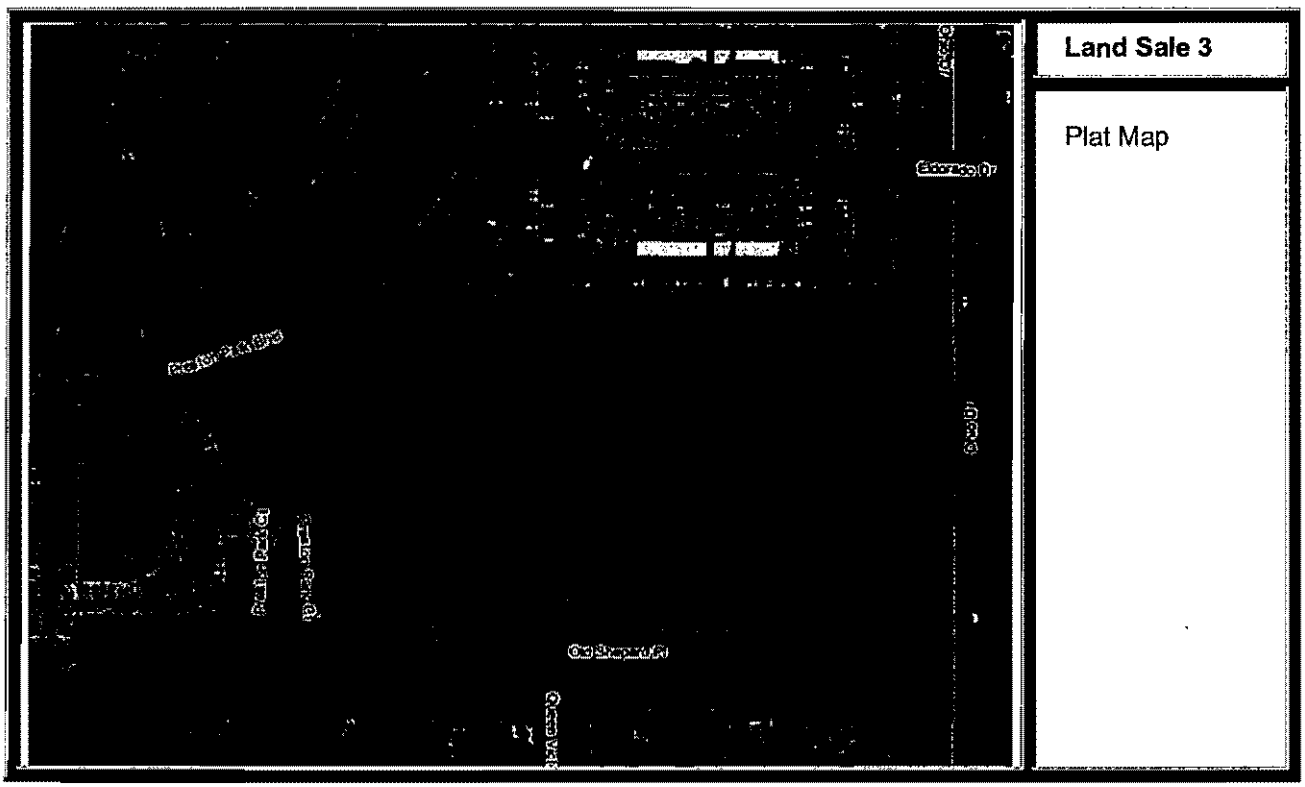
	COMPARABLE SALES DATA
Sale No. 3	**Project : CMAQ 12, Midway at Keller Springs, Project #91/835**

Address/Location:	4600 Preston Park Boulevard Plano, Collin County, Texas 75023
Mapsco Location:	656-V (Dallas Book)
Legal Description:	A tract of land in the Denton Darby Survey, Abstract no. 260, City of Plano, Collin County, Texas.
Grantor:	Dallas Home For The Jewish Aged, Inc.
Grantee:	R & B Capital Partners, L.L.C.
Recording	
Recorded:	10/30/2002
Deed Date:	10/29/2002
Filed Date:	10/30/2002
Volume/Page:	2002-0158867
Actual Sale Price:	$1,720,090, or $6.20 per square foot
Special Information on Background of the Sale:	This property has frontage on three streets.
Title Company:	Republic Title of Texas, inc.
Type Financing:	Cash to seller, $2,039,461 note
Lender:	PNB Financial Bank
Land Size:	6.369 Acres, or 277,434 Square Feet.
Improvements:	None
Highest and Best Use:	Commercial development.
Zoning/Comments:	O-2 – General Office
Date Inspected:	10/27/2003
Condition of Improvements At Time of Sale:	Vacant, undeveloped land
Type of Street:	Preston Park Boulevard - 2 lane concrete paved Preston Park Court – 2 lane concrete paved Old Shepard Place – 4 lane concrete paved
Utilities Available:	☒ All ☐ Electric ☐ Gas ☐ Water ☐ Sewer
Comments:	This site was purchased for the construction of six, 10,000 square foot office buildings.



Land Sale 3

Photograph



Land Sale 3

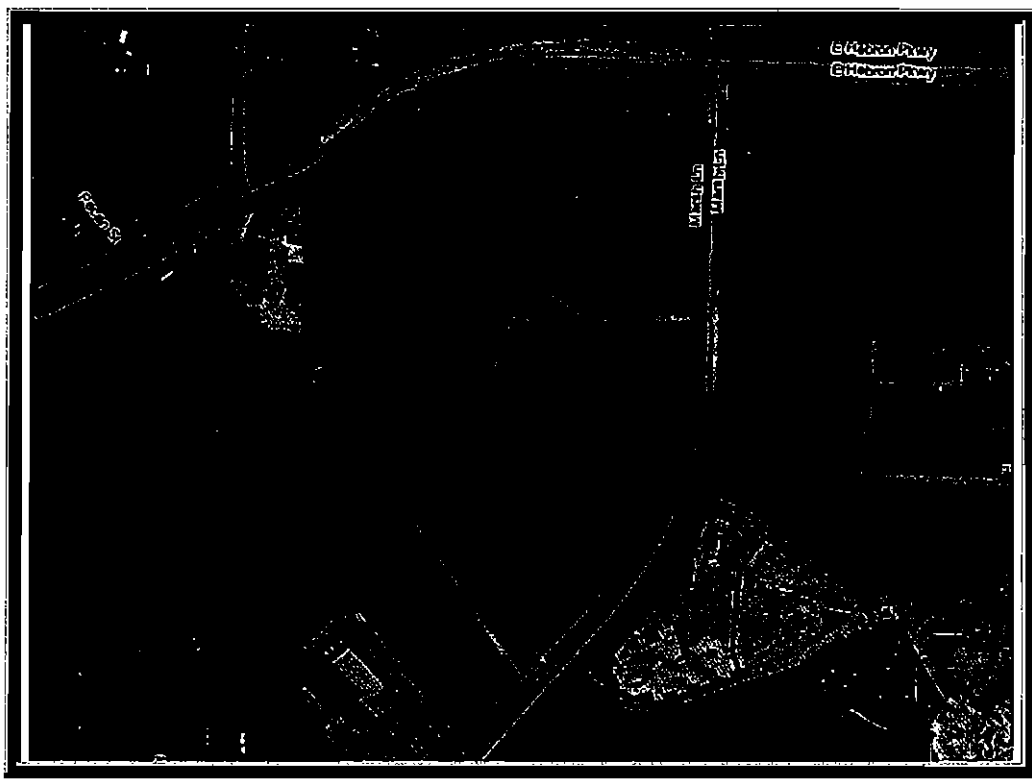
Plat Map

	COMPARABLE SALES DATA
Sale No. 4	**Project : CMAQ 12, Midway at Keller Springs, Project #91/835**

Address/Location:	17,3520 Marsh Lane Carrollton, Denton County, Texas 75007
Mapsco Location:	655-S (Dallas Book)
Legal Description:	Lot 4R and 10, Block 1, Hebron Village Addition, City of Carrollton, Denton County, Texas.
Grantor:	Marsh Partners, Ltd.
Grantee:	Marsh Office Partners I, Ltd.
Recording	
Recorded:	12/09/2002
Deed Date:	12/04/2002
Filed Date:	12/09/2002
Volume/Page:	2002-157710 and 2002-157733
Actual Sale Price:	$2,671,284 or $4.18 per square foot
Special Information on Background of the Sale:	This property is part of a 26.2267 acre development. A smaller site out of the development with 2.352 acres was also sold to a separate buyer in October 2002 for $7.32 per square foot. This buyer is constructing two 25,000 SF office buildings.
Title Company:	Chicago Title Insurance Company
Type Financing:	$607,360 note to seller and $14,800,000 note to Bank of America, N.A.
Lender:	Seller and Bank of America
Land Size:	14.654 acres, or 638,327 square feet
Improvements:	The office building was nearing completion as of the date of inspection.
Highest and Best Use:	Commercial development
Zoning/Comments:	PD – Planned Development
Date Inspected:	10/27/2003
Condition of Improvements At Time of Sale:	No improvements at time of sale
Type of Street:	Marsh Lane – 6 lane concrete paved
Utilities Available:	☒ All ☐ Electric ☐ Gas ☐ Water ☐ Sewer
Comments:	This site was purchased by an investment group that will construct a 140,000 SF build-to-suit office building for Carlson Restaurants Worldwide. This will be the Corporate Headquarters for Carlson, which is most known for it's T.G.I. Friday's restaurant chain. The buyer purchased each lot in a separate deed transaction on the same date. Lot 10 has 2.708 acres and Lot 4R has 11.946 acres.

Land Sale 4

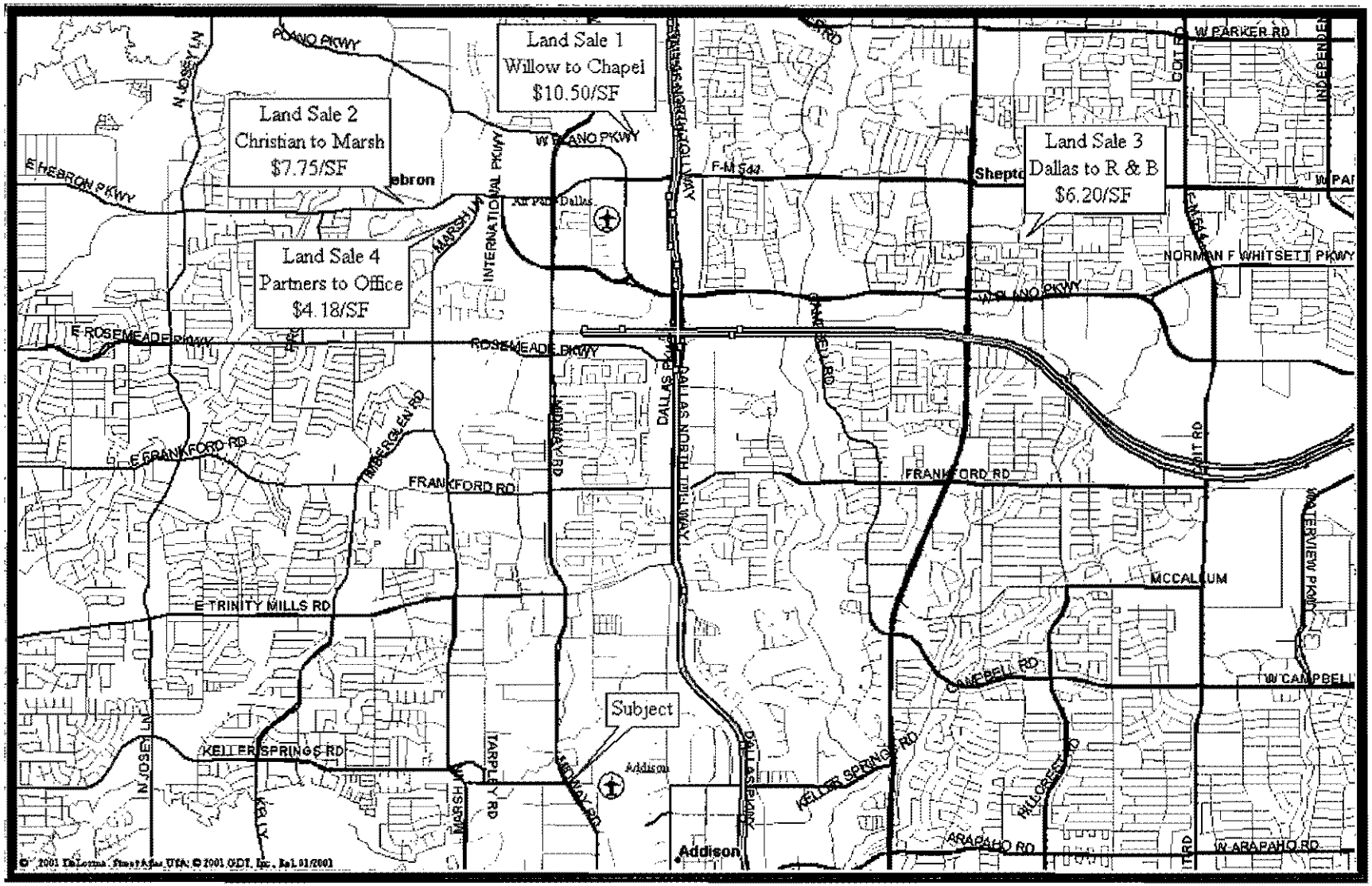
Photograph



Land Sale 4

Plat Map

SALE MAP


Land Sale 1
Willow to Chapel
$10.50/SF
Land Sale 2
Christian to Marsh
$7.75/SF
Land Sale 3
Dallas to R & B
$6.20/SF
Land Sale 4
Partners to Office
$4.18/SF
Subject
PLANO PKWY
E HEBRON PKWY
W PLANO PKWY
ROSEMEADE PKWY
E ROSEMEADE PKWY
NORMAN F WHITSETT PKWY
E FRANKFORD RD
FRANKFORD RD
E TRINITY MILLS RD
KELLER SPRINGS RD
CAMPBELL RD
W CAMPBELL
ARAPAHO RD
W ARAPAHO RD
MCCALLUM
WATERVIEW PKWY
N JOSEY LN
MARSH LN
INTERNATIONAL PKWY
DALLAS NORTH TOLLWAY
MIDDLEFORK RD
TARPLEY RD
KELLY
TIMBERGLEN RD
RILLCREST RD
W PARKER RD
Addison
Dallas
F-M 544

VALUE OF AREA ACQUIRED

Considered as severed land, the Market Value of the easement rights and/or fee simple title to the Area Acquired - less oil, gas, and sulphur - is subject to existing easements, if any, which are not to be extinguished.

Highest and Best Use: As a part of the Whole Property

Value is:
- Based on Value of Whole Property: ☒
- Independently Derived by Consideration of:
  - Income Approach..... ☐ $ N/A
  - Cost Approach..... ☐ $ N/A
  - Market Data Approach..... ☐ $ N/A

(If independently derived, provide details on the proper forms on the following pages.)

Discussion:
The Area Acquired has no self-sustaining use and its estimated value is based on the value of the whole. The area acquired will be used for widening Midway Road, increasing vehicle turning radii and other improvements.

BREAKDOWN FOR COMPUTATION PURPOSES:

Contributory Value of Improvements (Itemized)	
Concrete Paving	$68
Total Contributory Value of Improvements	$ 68

Easement		SF @ $		= $	
Land Value	1,928	SF @ $	9.00/SF	= $	17,352

Total As A Unit, Part to be Acquired..... $ 17,420

VALUE OF AREA ACQUIRED

Property Description:
The proposed right-of-way acquisition is located along the Midway Road frontage. The acquisition has about 272.27 feet of frontage on Midway Road and a depth of about 1.81 feet at the south corner, increasing to a depth of 18.15 feet at the west corner. The proposed area to be acquired contains approximately 1,928 square feet.

The survey map and legal description of the parts to be acquired is shown later in this report.

Land Value
It has been noted that the size of the take is too small to support any development by itself; however, there is no market evidence to suggest a unit value of a parcel smaller than the whole subject could command a higher unit value than the whole. For the valuation of the part to be acquired, it is the appraisers' opinion that the comparable land sales used to estimate the market value for the subject property whole land would be applicable to the part to be acquired. In the valuation of the whole, a unit value estimate of $9.00 per square foot was indicated for the fee area. Based on 1,928 square feet in fee ownership, the land value for the acquisition is estimated at $17,352 (1,928 Square Feet x $3.50/SF).

Improvement Value
The subject property is currently undeveloped with only minor site improvements. The only site improvement located in the proposed acquisition is a portion of a concrete drive isle.

Concrete Paving – The fee area to be acquired includes approximately 30 square feet of concrete paving. According to the Marshall and Swift Valuation Service and conversations with contractors, the depreciated cost of the concrete is estimated at $2.25 per square foot. Therefore, the estimated cost of the concrete in the acquisition area is estimated at $68 (30 SF x $2.25/SF).

A summary of the item in the parts to be acquired follows:

Item	Costs
Concrete Paving	$68
Total	**$ 68**

PARCEL 2 – SURVEY OF PART TO BE ACQUIRED

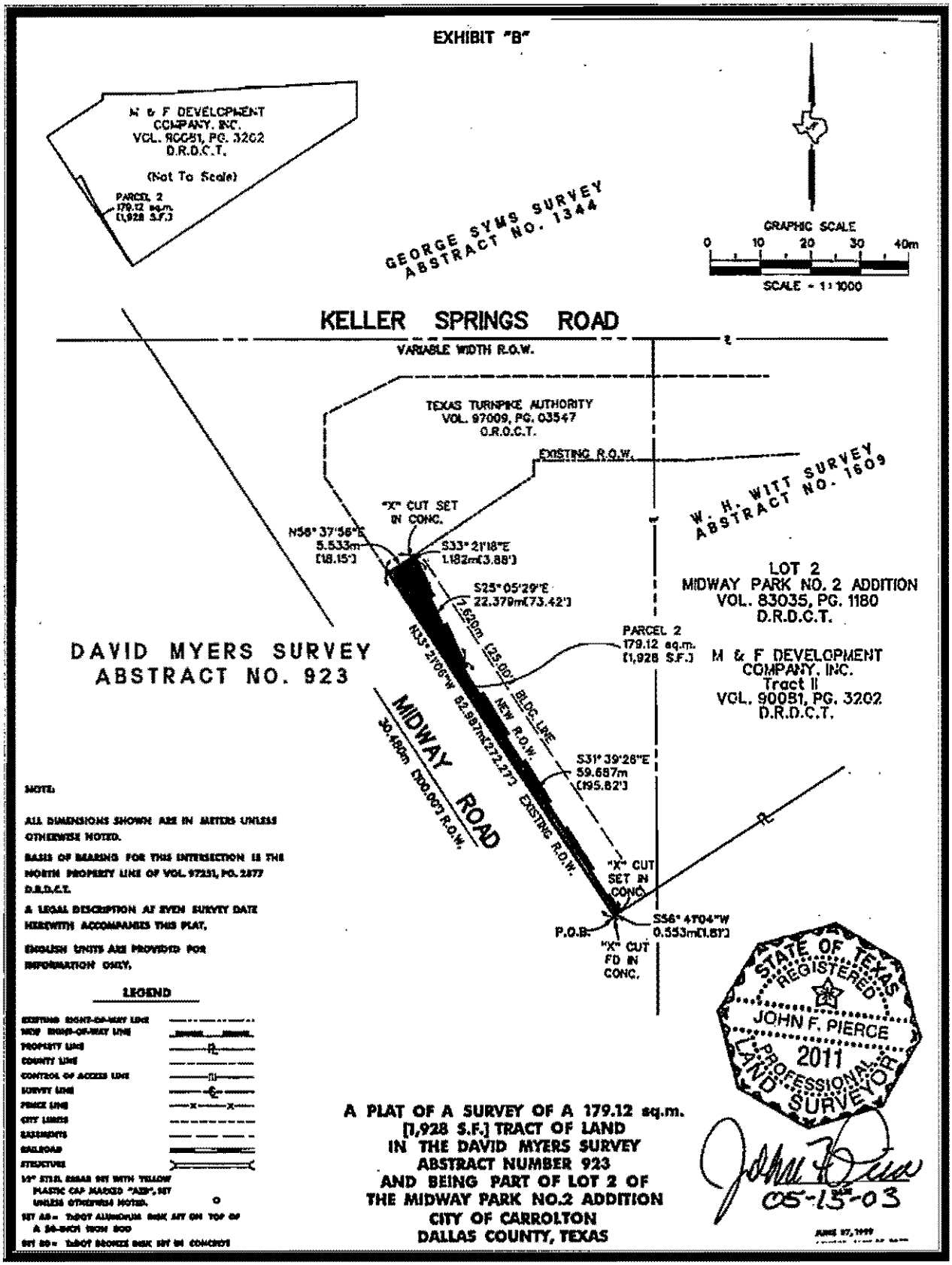


EXHIBIT "A"

County Dallas — Page 1 of 2
Parcel 2 — D-15-
Highway Intersection of Keller Springs Road at Midway Road — June 7, 1999
CSJ: — Revised: May 15, 2003
Account:

Field Note Description for Parcel 2

BEING 179.12 square meters [1,928 square feet] of land in the David Myers Survey, Abstract No. 923 in Dallas County, Texas and being a portion of that 1.21646 hectares [3.0060 acres] parcel of land as described as Tract II in a deed to M & F DEVELOPMENT COMPANY, INC. (M & F tract) as recorded in Volume 90081, Page 3202 of the Deed Records of Dallas County Texas (D.R.D.C.T.), said M & F tract being in Lot 2 of the Midway Park No. 2 as recorded in Volume 83035, Page 1180 of the Map Records of Dallas County Texas (M.R.D.C.T.), and being more particularly described by metes and bounds as follows:

BEGINNING at an "X" cut on concrete found at the southwest corner of said M & F tract on the existing west right-of-way line of Midway Road,

1. **THENCE**, North 33 degrees 21 minutes 06 seconds West, along the west property line of said M & F tract and said existing east right-of-way line of Midway Road, for a distance of 82.987 meters [272.27 feet] to a one-half inch steel rebar with yellow plastic cap marked "A.Z.B." set for the intersection of said existing east right-of-way line of Midway Road and the existing south right-of-way line of Keller Springs Road as described in Volume 97009, Page 03547 D.R.D.C.T.;

2. **THENCE**, North 56 degrees 37 minutes 56 seconds East, along said existing south right-of-way line of Keller Springs Road, a distance of 5.533 meters [18.15 feet] to an "X" cut on concrete set for corner on the new easterly right-of-way line of Midway Road;

3. **THENCE**, South 33 degrees 21 minutes 18 seconds East, along the new easterly right-of-way line of Midway Road, for a distance of 1.182 meters [3.88 feet] to a one-half inch steel rebar with yellow plastic cap marked "A.Z.B." set for corner;

4. **THENCE**, South 25 degrees 05 minutes 29 seconds East, continuing along said new easterly right-of-way line of Midway Road, a distance of 22.379 meters [73.42 feet] to a one-half inch steel rebar with yellow plastic cap marked "A.Z.B." set for corner;

5. **THENCE**, South 31 degrees 39 minutes 26 seconds East, continuing along said new easterly right-of-way line of Midway Road, a distance of 59.687 meters [195.82 feet] to an "X" cut on concrete set for corner;

EXHIBIT "A"

County Dallas — Page 2 of 2
Parcel 2 — D-15-
Highway Intersection of Keller Springs Road at Midway Road — June 7, 1999
CSJ: — Revised: May 15, 2003
Account:

Field Note Description for Parcel 2

6. **THENCE,** South 56 degrees 41 minutes 04 seconds West, continuing along said new easterly right-of-way line of Midway Road, a distance of 0.553 meters [1.81 feet] to the **POINT OF BEGINNING.**

The above described tract of land contains 179.12 square meters [1,928 square feet] of land more or less.

A plat of even survey date herewith accompanies this legal description.

The basis of bearings for this intersection is the north property line of Volume 97251, Page 2877 D.R.D.C.T.

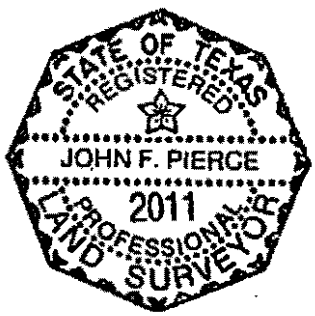
All dimensions are in meters unless otherwise noted.

English units are given for information only.

Company Name: Arredondo, Brunz & Associates, Inc.

By: John F. Pierce

Date: May 15, 2003
Surveyor's Name: John F. Pierce, R.P.L.S.
Registered Professional Land Surveyor
Texas Registration No. 2011



VALUE OF REMAINDER BEFORE ACQUISITION

Highest and Best Use:
The highest and best use of the remainder before is continued use of the existing improvements.

BREAKDOWN FOR COMPUTATION PURPOSES:

Contributory Value of Improvements (Itemized)	
Site Improvements	Not Valued
Total Contributory Value of Improvements	$ 0

Easement Value		SF @ $		= $	
Land Value	94,093	SF @ $	9.00/SF	= $	846,837

Total Land ..... $ 846,837

MARKET VALUE REMAINDER, BEFORE THE ACQUISITION: $846,837

Discussion:
The value of the Remainder Before the Acquisition is the mathematical difference between the land value of the Whole Property and the land value of the Area Acquired.

$864,189 - $17,352 = $846,837.

VALUE OF REMAINDER AFTER ACQUISITION

Highest and Best Use:
The highest and best use of the remainder after is unchanged. The area to be acquired represents a portion along the frontage and there does not appear to be any impact to the functional utility or future development of the property.

Correlation of Approaches to Value:

Income Approach.....	☐	$	N/A
Cost Approach.....	☐	$	N/A
Market Data Approach.....	☒	$	846,837

Discussion of Damaging Influences and Method of Valuation:

The utility of the subject site will not be negatively affected after the acquisition and it is the appraiser's opinion that no permanent damages will have occurred. The same comparable sales used to value the Whole Property were used to value the Remainder After the Acquisition.

Considering the use to which the area acquired is to be subjected, the market value of the remainder immediately after the acquisition is..... $ 846,837

BREAKDOWN FOR COMPUTATION PURPOSES:

Contributory Value of Improvements (Itemized)	
Site Improvements	Not Valued
Total Contributory Value of Improvements	$ 0

Easement Value		SF @ $		= $	
Land Value	94,093	SF @ $	9.00/SF	= $	846,837

Total Land Value, Whole Property..... $ 846,837

ADDENDA

CERTIFICATION

We certify that, to the best of our knowledge and belief;

- The statements of fact contained in this report are true and correct.
- The reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and are our personal, unbiased professional analyses, opinions, and conclusions.
- We have no present or prospective interest in the property that is the subject of this report, and we have no personal interest with respect to the parties involved.
- We have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment.
- Our engagement in this assignment was not contingent upon developing or reporting predetermined results.
- Our compensation for completing this assignment is not contingent upon the development or reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use if this appraisal.
- Our analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice.
- Donald J. Sherwood, MAI and Daniel Wright have made a personal inspection of the property that is the subject of this report.
- No one has provided significant real property appraisal assistance to the persons signing this report.
- The reported analyses, opinions, and conclusions were developed, and this report has been developed in conformity with the requirements of the Code of Professional Ethics and the Standards of Professional Appraisal Practice of the Appraisal Institute, and the Texas Real Estate License Act.
- The use of this report is subject to the requirements of the Appraisal Institute relating to review by its duly authorized representatives.
- As of the date of this report, we, Donald J. Sherwood, MAI and Daniel Wright have completed the requirements under the continuing education program of the Appraisal Institute.

Donald J. Sherwood, MAI
State of Texas Certification #TX-1320183-G

Daniel Wright
State of Texas Certification #TX-1329321-G

Integra File Number 116-2003-0718

ASSUMPTIONS AND LIMITING CONDITIONS

For the purpose of this appraisal, the following assumptions and contingent conditions are made a part hereof:

1. This appraisal has been assigned to this appraiser with the expressed condition that an appraisal be made of the real property taken and the value of any improvements thereon which are materially affected by the proposed project. It is intended for the sole use of Dallas County. Others may receive a copy of this report due to legal requirements of disclosure, but the appraiser does not intend use of this report by entities other than Dallas County.

2. This appraisal is made for the express purpose of establishing just compensation to the landowner by Dallas County; such compensation being based on fair market value as defined elsewhere in this report.

3. Consideration is given to but no responsibility is assumed by the appraiser for matters of a legal character. The title is assumed to be marketable. The appraiser has not made a survey of the real estate and does not assume responsibility for accuracy thereof.

4. While it is believed the information, estimates and analysis contained herein are correct, the appraiser does not guarantee them and assumes no responsibility for errors in fact, analysis or judgment. Information furnished by others is believed reliable and has been verified where possible but it is not guaranteed to be accurate.

5. Information obtained from the flood prone maps prepared by the U. S. Corp. of Engineers or other appropriate entities is assumed to be accurate.

6. If condemnation proceedings become necessary, this appraiser will testify to an updated opinion reflecting the value of the part taken considered as severed land, the value of the entire remainder prior to the taking and the value of the entire remainder after the taking, reflecting any change in the size or character of the land and/or changes in number and/or conditions of the improvements located thereon.

7. The appraiser has no interest either real or implied in the subject property and his opinion of value was not prejudiced by any influence other than that exerted by the normal procedure of appraisal.

8. The values stated herein are estimates. The appraiser makes no guarantees written or iinplied, that the subject will sell for the value stated.

9. The supplied information indicates the size of the Whole Property, the Proposed Acquisition and the Remainder Property. The appraiser used this information, which is assumed to be correct, to value the subject property.

10. The appraiser has made no investigations into the presence or absence of hazardous materials. The appraiser is not qualified to detect hazardous material and assumes no liability in such regard. Environmental liability may greatly affect the value of the property and should be determined by a competent environmental professional.

11. The State of Texas does not have full disclosure laws regarding real estate transactions. Therefore the appraiser had to confirm all sales with brokers, property managers, mortgage brokers, grantors, grantees and other parties familiar with the transaction. The appraiser's results are limited by the accuracy of the information supplied by the aforementioned individuals.

12. Appraisers for Dallas County are required to estimate values of fractional portions of ownership and establish compensation for property taken for public use. If any part of the Uniform Standards of Professional Appraisal Practice is contrary to the policy of Dallas County, the policy of Dallas County shall prevail, but only for that part of the USPAP that is directly affected under the Jurisdictional Exception clause.

PROFESSIONAL QUALIFICATIONS OF
DONALD J. SHERWOOD, MAI

EXPERIENCE:

Managing Director of the Fort Worth office of **Integra Realty Resources DFW, LLP**, a full service real estate consulting and appraisal firm. Mr. Sherwood has been an appraiser of all types of real property since December 1978. Mr. Sherwood has performed appraisals on various properties including, but not limited to, shopping centers, apartment complexes, industrial facilities, a nuclear bomb storage site, an air force base, automobile race track, raw and developed land, office complexes, motels, hotels, marinas, cemeteries, bowling alleys, amusement parks and mixed use developments.

He is qualified in Federal and Texas State Courts as an expert on real estate values. He was appointed Special Commissioner for County District Court in 1980. He served as a member of the Tarrant Appraisal District Review Board from 1984 to 1986. As a graduate student, he spent one and a half years as a research assistant involved in real estate research for the Texas Real Estate Center at Texas A&M University. He was a staff appraiser with James K. Norwood, Inc. from 1978 to 1986. In 1986, he opened the firm of Sherwood & Associates. In 1996, Mr. Sherwood merged his firm with Loughry Appraisal Company, Inc. to form Appraisal/Data Services, which later merged with Dallas-based LamBis Consulting to form Integra Realty Resources DFW.

PROFESSIONAL ACTIVITIES:

Member:	Appraisal Institute – Designated MAI (Member of Appraisal Institute), Certificate No. 6791 President of Central Texas Chapter, 1989-1990 Member of National Faculty
Member:	International Right-of-Way Association President of Chapter 36, 1998 Professional of the Year, 1998 Member of National Faculty
Member:	Society of Texas A&M Real Estate Professionals Vice President 1979, 1980
Member:	Fort Worth Board of Realtors
Member:	Board of Governors, Society of Commercial Realtors
Adjunct Professor:	Texas Christian University, Department of Finance
Licensed:	Texas Certified General Appraiser (TX-1320183-G)
Licensed:	Texas Real Estate Broker (214402)
Certified:	Currently certified by the Appraisal Institute's program of continuing education for its designated members.

EDUCATION:

Bachelor of Business Administration
Southwestern University, Georgetown, Texas 1976
Master of Agriculture, Specializing in Land Economics & Real Estate
Texas A&M University, College Station, Texas 1978

Successfully completed numerous real estate related courses and seminars sponsored by the Appraisal Institute, accredited universities and others.

TEXAS APPRAISER LICENSING AND CERTIFICATION BOARD

BE IT KNOWN THAT

DONALD JAMES SHERWOOD

HAVING PROVIDED SATISFACTORY EVIDENCE OF THE QUALIFICATIONS REQUIRED BY THE TEXAS APPRAISER LICENSING AND CERTIFICATION ACT, ARTICLE 6573a.2, VERNON'S TEXAS CIVIL STATUTES, IS AUTHORIZED TO USE THE TITLE

STATE CERTIFIED
GENERAL REAL ESTATE APPRAISER

Number: TX-1320183-G

Date of Issue: March 25, 2003

Date of Expiration: March 31, 2005

In Witness Thereof

L. W. (Wayne) Mayo, Chair

Renil C. Liner, Commissioner

L. W. (Wayne) Mayo, Chair
Elroy Carson
Douglas Oldmixon

Ted Whitmer, Vice-Chair
Patrick H. Cordero, Jr.
James M. Synatzske

Dona S. Scurry, Secretary
William A. Faulk, Jr.
Shirley Ward

PROFESSIONAL QUALIFICATIONS OF
DANIEL PAUL WRIGHT

EXPERIENCE:	Senior Analyst of the Fort Worth office of **Integra Realty Resources DFW**, a full service real estate consulting and appraisal firm. Mr. Wright has been an appraiser of all types of real property since September 1995. Mr. Wright has performed appraisals on various properties including, but not limited to, shopping centers, apartment complexes, industrial facilities, raw and developed land, office towers and complexes, motels, hotels, and mixed-use developments. He is qualified in Texas State Courts and an expert on real estate values. He has acted as a broker in real estate transactions, provided consultation and feasibility studies, and has worked extensively on complex eminent domain assignments of all types of properties. Mr. Wright has worked on valuations of utility corridors, easement interest, partial interest, and undivided interest. Mr. Wright is a 1995 graduate from the University of North Texas with a specialization in Real Estate. During college, Mr. Wright worked with the Real Estate and Finance Department as a director of the Real Estate Club. Currently, Mr. Wright is an advanced candidate progressing toward obtaining the MAI designation with the Appraisal Institute.
PROFESSIONAL ACTIVITIES:	Licensed: Texas State Certified General Real Estate Appraiser Certificate No. TX-1329321-G Licensed: Texas Real Estate Broker License No. 0446939 Member: International Right-of-Way Association (IRWA) Chapter 36 Vice President 2003-2004 Chapter 36 Secretary 2002-2003 Chapter 36 Education Chair 2000-2003 Region II Education Chair (TX, LA, OK, AR, NM) Member: Greater Fort Worth Board of REALTORS® Member: Associate member of the Appraisal Institute
EDUCATION:	Bachelor of Business Administration University of North Texas, Denton, Texas 1995 Master of Business Coursework, Specializing in Real Estate University of North Texas, Denton, Texas 1997 Successfully completed numerous real estate related courses and seminars sponsored by the Appraisal Institute, accredited universities and others.
PUBLICATIONS & ARTICLES:	Convenience Stores Face Tough Markets – Fort Worth Star Telegram, February 17, 2003.

TEXAS APPRAISER LICENSING AND CERTIFICATION BOARD

BE IT KNOWN THAT

DANIEL PAUL WRIGHT

HAVING PROVIDED SATISFACTORY EVIDENCE OF THE QUALIFICATIONS REQUIRED BY THE TEXAS APPRAISER LICENSING AND CERTIFICATION ACT, ARTICLE 6573a.2, VERNON'S TEXAS CIVIL STATUTES, IS AUTHORIZED TO USE THE TITLE

STATE CERTIFIED
GENERAL REAL ESTATE APPRAISER

Number: TX-1329321-G

Date of Issue: February 25, 2002

Date of Expiration: March 31, 2004

In Witness Thereof

James M. Synatzske, Chair

Renil C. Linér, Commissioner

James M. Synatzske, Chair
Benjamin E. Barnett
Debra S. Runyan

L. W. (Wayne) Mayo, Vice-Chair
Patrick H. Cordero, Jr.
William A. Faulk, Jr.

Elroy Carson, Secretary
Douglas Oldmixon
Dona S. Scurry

DALLAS COUNTY PUBLIC WORKS
APPROVED VALUE SHEET *REVISED*

Project Name/#	CMAQ 12, Midway @ Keller Springs Road	Review Board Date	12/19/03
Owner-Name	M&F Development	Appraisal #	031207
Address	13355 Noel Road # 1315 Dallas, Texas, 75240	Appraiser	Donald J. Sherwood, MAI
		Parcel No.	2

I. General Information - Whole Property:

Present Zoning: PD-096-033 Present Use: Vacant
Highest and Best Use: Industrial or Commercial
Size: 2.2043 Acre(s) 96,021 Sq. Ft. Property Shape: Irregular

II. Acquisition in Fee: Is Acquisition a BISECTION? No Category

Land: 1,928 Sq. Ft. @ $9.00 Per Sq. Ft. = $17,352
Total Land = $17,352

Improvement	Value	Retention Value
Concrete	$68	$1
Total Improvements =	$68	$1

Sub Total: Fee Acquisition = $17,420

III. Permanent Easement

Land: Sq. Ft. @ Per Sq. Ft. = $0

Improvement	Value	Retention Value
	$0	$0
Total Improvements =	$0	$0

Sub Total: Permanent Easement = $0

IV. Temporary Easement

Land: Sq. Ft. @ Present Value of Annual Pymts $0

Improvement	Value	Retention Value
	$0	$0
	$0	$0
Total Improvements =	$0	$0

Sub Total: Temporary Easement = $0

V. Relocation Allowance

Improvement	Amount
	$0
Total Relocation =	$0

Sub Total: Relocation Allowance = $0

VI. Damages

	Amount
Cost to cure	$0
Total Damages =	$0

Sub Total: Damages = $0

TOTAL COMPENSATION (II + III + IV + V + VI) = $17,420

VII. REMARKS: Approved as written. Revised from last Review Board dated 12/10/01 in the amount of $141,145 and original appraisal amount of $304,585.

TRANSMITTAL OF ADDENDUM

****

INSTRUCTIONS:

Acknowledge receipt of Addenda in Proposal, on outer envelope of bid AND **WITH THE FORM BELOW FAXED TO (972) 450-7096** upon receipt.

****

Addendum Acknowledgment FAX to (972) 450-7096

I Acknowledge the receipt of Addendum No. 1

Town of: **ADDISON, TEXAS**

Project Name: 02-09 Nile Properties Deomolition

By Facsimile Transmission on this date: November 27, 2001

Contractor's Signature

Company Name

E-Mail Address:

"PLEASE SIGN & FAX THIS PAGE BACK TO TOWN OF ADDISON"
(as verification that you received this Fax)
972-450-7096

Total Number of Fax Pages: 5

ADDENDUM NO. 1

NILE PROPERTIES DEMOLITION

Bid 02-09

November 27, 2001

To: All Bidders

This addendum becomes a part of the "NILE PROPERTIES DEMOLITION" plans and specifications. Page PF-2 of the contract documents must be filled out by the bidder acknowledging the receipt of this addendum. **Bids will not be accepted if the above instructions are not followed.**

All provisions of the original "NILE PROPERTIES DEMOLITION" plans and specifications shall remain in full force and effect, except as modified by this addendum No. 1

MODIFICATIONS TO THE SPECIFICATIONS:

1. The date and time of the bid opening has been changed from 2:00 p.m. on Tuesday, November 27, 2001 to **10:00 a.m. on Monday, December 3, 2001.**

MODIFICATIONS TO THE PLANS:

1. Full depth saw cuts are called for on the parking area along the South and West sides of the project. It was noted during the site visit that there are existing cold joints in these areas. The successful bidder will be allowed to remove the existing pavement up to the cold joints in these two locations, therefore negating the need for full depth saw cuts along these two sides. This modification does not change the status of saw cuts at other locations on the project.

ADDITIONAL INFORMATION:

1. Attached to this Addendum No. 1 is the "Summary of Asbestos Findings" as prepared by ETI Environmental Services dated November 26, 2001. The Town of Addison will require the successful bidder to follow the recommendations of the report. The full report may be viewed at the Town of Addison's Service Center, located at 16801 Westgrove Drive, Addison, Texas. Contact Mr. Luke Jalbert at 972-450-2860 to set up an appointment.

ETI Environmental Services

4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751
Fax (972) 279-6063

November 26, 2001

Town of Addison
Department of Public Works
P. O. Box 9010
Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services
15109-15115 Surveyor Boulevard, Addison, Texas 75001

Gentlemen:

As authorized, an asbestos inspection was performed on an office warehouse building located at 15109-15115 Surveyor Boulevard in Addison, Texas on November 14, 2001, by Eddie Taw of ETI Environmental Services.

Results of the inspection and laboratory analysis of bulk samples collected during the inspection are presented herein. Asbestos-containing materials (ACM) as defined by State and Federal regulations are any materials with an asbestos content greater than one (>1%) percent. Non-asbestos containing materials are any materials with an asbestos content of less than one (<1%) percent, and is not regulated under any current Federal, State or Local regulations.

SUMMARY OF ASBESTOS FINDINGS

08 - Sheet Floor Covering

Approximately 158 square feet of sheet floor covering located in the Men's and Women's Restrooms of 15111 Surveyor Blvd., as noted on the Location of ACM Drawing, contains about 65% chrysotile asbestos in the backing material. This material is classified as Category I Non-friable Materials under NESHAP regulations, and it is in good condition.

RECOMMENDATIONS

ETI Environmental Services recommends that the 158 square feet of asbestos-containing floor covering located in the Men's and Women's Restrooms in 15111 Surveyor remain in place for planned demolition activities and disposed of as construction debris.

INSPECTION AND SAMPLING PROCEDURES

All areas of the building were accessible for inspection. A Building Description and a Summary of Homogeneous Areas obtained during the inspection are presented herein.

ETI Environmental Services used a random convenience sampling strategy in order to collect all representative samples of suspect materials, both friable and non-friable. Sample locations were marked with paint or markers, and photographs were taken at each sample location. The Approximate Sample Location Drawing shows the location of each sample taken during the inspection process.

Results of the inspection that identifies sample locations, condition of suspect materials, and asbestos-containing materials present are presented on the Sample and Hazard Assessment Summary.

Assessments of each homogeneous area were made using the NESHAP Regulations and definitions under 40 CFR Part 61.

Asbestos bulk samples were submitted to a qualified independent laboratory, Steve Moody Micro services, Inc., for analysis. The results of these analyses are presented herein.

We thank you for this opportunity to be of service to the Town of Addison. Please call us if you have any questions or need further information.

Respectfully submitted,

ETI ENVIRONMENTAL SERVICES

Dianne K. Woo

Asbestos Consultant

END OF ADDENDUM

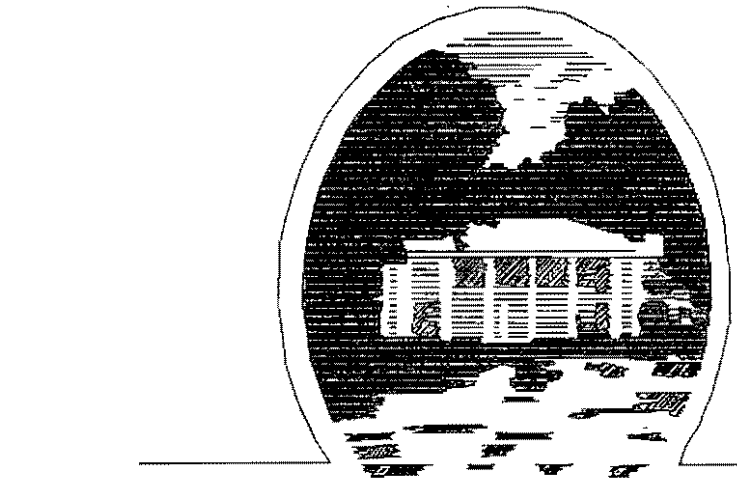
The undersigned bidder hereby certifies the Addendum No. 1 has been incorporated into the contract and if accepted becomes part of the contract.

BY:_____ DATE:_____

TOWN OF ADDISON

CONSTRUCTION SPECIFICATIONS AND CONTRACT DOCUMENTS

NILE PROPERTIES DEMOLITION



TOWN OF ADDISON

HNTB Corporation
5910 Plano Parkway, Suite 200
Plano, TX 75093
November, 2001

TABLE OF CONTENTS

SECTION AB

ADVERTISEMENT FOR BIDS

SECTION AB
ADVERTISEMENT FOR BIDS

1. Sealed bids addressed to the Town of Addison, Texas, for the Building Demolition, Pavement Removal, Grading, and Restoration for the NILE PROPERTIES DEMOLITION for the Town of Addison, Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by HNTB Corporation, will be received at the office of Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until **2:00 p.m. on the 27th day of November, 2001.** Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.

2. The contractor shall identify his bid on the outside of the envelope by writing the words NILE PROPERTIES DEMOLITION.

3. Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed by the State of Texas to act as a Surety, or a Binder of Insurance executed by a surety company licensed by the State of Texas to act as a surety or its authorized agent as a guarantee that the bidder will enter into a contract and execute a Performance Bond within ten (10) business days after notice of award of contract to him.

4. Plans, specifications and bidding documents may be secured beginning at **9:00 A.M. on the 9th day of November, 2001** from Minok Suh Purchasing Coordinator; Finance Building, 5350 Belt Line Road, Addison, Texas. The first set will be available at no charge and any additional sets may be obtained for a non-refundable sum of $20.00 per set.

5. The right is reserved by the Mayor and the Town Council as the interest of the Town may require to reject any or all bids and to waive any informality in bids received.

6. The Bidder (Proposer) must supply all the information required by the Proposal Form.

7. A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond will be required by the Owner; each Bond shall be in the amount of 100% of the total contract amount. Bonds shall be issued by a surety company licensed by the State of Texas to act as a Surety. The performance and payment bonds shall name the Town of Addison as obligee (or such other entities as may be designated at the time a contract is executed).

8. For information on bidding or to secure bid documents, call Minok Suh, (972) 450-7091. For information on the work to be performed, call Steven Z. Chutchian, P.E., Assistant City Engineer, (972) 450-2886 or Jerry D. Holder, Jr., P.E., HNTB Corporation, (972) 661-5626.

9. This project consists of providing Building Demolition, Pavement Removal, Grading, and Restoration as shown on the plans and in accordance with these specifications.

10. A Pre-Bid Meeting will be held at **2:00 p.m. on the 20th day of November, 2001** at the Addison Service Center, 16801 Westgrove Drive, Addison, Texas 75001, 972-450-2871. All bidders are **required** to attend. **A one-hour tour of the building to be demolished will be conducted at this time to allow the contractors to evaluate the structure.**

SECTION IB

INSTRUCTION TO BIDDERS

SECTION IB
INSTRUCTIONS TO BIDDERS

A. PROJECT: NILE PROPERTIES DEMOLITION, in the Town of Addison.

The bids will be evaluated as stated in Section "O" of the instructions to Bidders.

B. PROJECT DESCRIPTION: This project consists of Building Demolition, Pavement Removal, Grading, and Restoration as shown on the plans and in accordance with these specifications.

C. PROPOSALS: Proposals must be in accordance with these instructions in order to receive consideration.

D. DOCUMENTS: Documents include the Bidding Requirements, including the Advertisement for Bids, these Instructions to Bidders, Proposal Forms, Contract Agreement, General Provisions, Special Provisions, Technical Specifications, Drawings, and Addenda which may be issued by the Consultant during the bidding period. Bidding Documents may be viewed and/or obtained under the terms and conditions set forth in the Advertisement for Bids, Section AB of this Project Manual.

E. EXAMINATION OF DOCUMENTS AND SITE: Bidders shall carefully examine the Bidding Documents and the construction site to obtain first-hand knowledge of the scope and the conditions of the Work. Each Contractor, Subcontractor and Sub-subcontractor, by submitting a proposal to perform any portion of the Work, represents and warrants that he has examined the Drawings, Specifications (Project Manual) and the site of the Work, and from his own investigation has satisfied himself as to the scope, accessibility, nature and location of the Work; the character of the equipment and other facilities needed for the performance of the Work; the character and extent of other work to be performed; the local conditions; labor availability, practices and jurisdictions and other circumstances that may affect the performance of the Work. No additional compensation will be allowed by the Owner for the failure of such Contractor, Subcontractor or Sub-subcontractor to inform himself as to conditions affecting the Work. A Pre-Bid Meeting will be held at 2:00 p.m. on the 9th day of November, 2001 at the Addison Service Center, 16801 Westgrove Drive, Addison, Texas 75001, 972-450-2871. All bidders are **required** to attend. **A one-hour tour of the building to be demolished will be conducted at this time to allow the contractors to evaluate the structure.** An asbestos report will be available to bidders at that time.

F. INTERPRETATION OF DOCUMENTS: If any person contemplating submitting a bid for the proposed Contract is in doubt as to the meaning of any part of the Drawings, Specifications (Project Manual) or other proposed Contract Documents, he may submit to the Consultant, not later than seven (7) calendar days prior to the date set for opening bids, a written request for an interpretation or clarification. Bidders should act promptly and allow sufficient time for a reply to reach them before preparing their bids. Any interpretation or clarification will be in the form of an Addendum duly issued. No alleged verbal interpretation or ruling will be held binding upon the Owner.

G. SUBSTITUTIONS: Conditions governing the submission of substitutions for specific materials, products, equipment and processes are in the Special Provisions. Requests for substitutions must be received by the Consultant seven (7) calendar days prior to the established bid date.

H. ADDENDA: Interpretations, clarifications, additions, deletions and modifications to the Documents during the bidding period will be issued in the form of Addenda and a copy of such Addenda will be mailed, faxed or delivered to each person who has been issued a set of the Bidding Documents. Addenda will be a part of the Bidding Documents and the Contract Documents, and receipt of them shall be acknowledged in the Bid Form. All such interpretations and supplemental instructions will be in the form of written addenda to the contract documents which, if issued, will be sent by telegram, certified or registered mail, or hand delivered to all prospective bidders (at the respective addresses furnished for such purposes) not later than three (3) calendar days prior to the date fixed for the opening of bids. If any bidder fails to acknowledge the receipt of such addenda in the space provided in the bid form, his bid will nevertheless be construed as though the receipt of such addenda had been acknowledged.

I. COMPLETION TIME: A reasonable completion time has been established by the Owner and is described in more detail in Section 'Q'- CONSTRUCTION SCHEDULE.

J. PREPARATION OF BIDS: Prices quoted shall include all items of cost, expense, fees and charges incurred by, or arising out of, the performance of the work to be performed under the Contract. Bids shall be submitted in duplicate and shall be signed in ink. Any bid on other than the required form will be considered informal and may be rejected. Erasures or other changes in a bid must be explained or noted over the initials of the bidder. Bids containing any conditions, omissions, unexplained erasures and alterations, or irregularities of any kind may be rejected as informal. The prices should be expressed in words and figures or they may be deemed informal and may be rejected. In case of discrepancy between the prices written in the bid and those given in the figures, the price in writing will be considered as the bid. Failure to submit all requested information will make a bid irregular and subject to rejection. Bids shall be signed with name typed or printed below signature, and, if a partnership, give full name of all partners. Where bidder is a corporation, bids must be signed with the legal name of the corporation followed by the name of the state of incorporation and the legal signature of an officer authorized to bind the corporation to a contract.

K. SUBMITTAL OF BIDS: Sealed proposals will be received at the time, date and place stated in the Advertisement for Bids. Proposals shall be made on unaltered Proposal Forms furnished by the Consultant. Submit proposal in an opaque, sealed envelope addressed to the Owner and plainly mark on the outside of the envelope the project name, and the name and address of the bidder. The envelopes shall be marked with the following project names:

Nile Properties Demolition

The Bid Bond must be completed and signed by each bidder and submitted with the bid. Submit Bids by mail or in person prior to the time for receiving bids set forth in the Advertisement for Bids issued by the Town. Demolition Contractor shall provide with his bid, the names, addresses and phone numbers for references associated with at least three building demolitions conducted in the last five years.

L. MODIFICATION AND WITHDRAWAL OF BIDS: Prior to the time set for bid opening, bids may be withdrawn or modified. Bids may be modified only on the official bid form and must be signed by a person legally empowered to bind the bidder. No bidder shall modify, withdraw or cancel his bid or any part thereof for sixty (60) calendar days after the time agreed upon for the receipt of bids.

M. DISQUALIFICATION: The Owner reserves the right to disqualify proposals, before or after the opening, upon evidence of collusion with intent to defraud or other illegal practices relating to this proposal upon the part of the bidder.

N. SUBMISSION OF POST-BID INFORMATION: Upon notification of acceptance, the selected bidder shall, within five (5) calendar days, submit the following:

1. A designation of the portions of the Work proposed to be performed by the bidder with his own force.

2. A list of names of the subcontractors or other persons or organizations, including those who are to furnish materials and equipment fabricated to a special design proposed for such portions of the Work as may be designated in the Bidding Documents or as may be requested by the Consultant. The bidder will be required to establish to the satisfaction of the Owner and the Consultant the reliability and responsibility of the proposed Subcontractors and suppliers to furnish and perform the Work.

O. AWARD: The Owner reserves the right to accept any or to reject any bids without compensation to bidders and to waive irregularities and informalities.

The Consultant, in making his recommendation, will consider the following elements:

1. Whether the bidder is a contractor with experience in the type of work involved.
2. Whether the bidder has adequate plant, equipment and personnel to perform the work properly and expeditiously.
3. Whether the bidder has a suitable financial status and reputation for meeting obligations incident to work of the kind specified.

Alternate items may or may not be awarded. Addition or deletion of other items or schedules will be governed by NCTCOG, Item 1.37 "Change or Modification of Contract".

P. EXECUTION OF THE CONTRACT: The successful bidder will be required to enter into a contract with the Owner within ten (10) business days of notice by the Owner that his bid has been accepted. Failure to enter into a contract within the established time limit shall be considered grounds for forfeiture of the bid bond.

Q. CONSTRUCTION SCHEDULE: It is the Owner's desire to have the project completed in as short a time as possible. The number of calendar days for completion of the project will begin with the date specified in the Notice to Proceed. The Notice to Proceed will be issued in a manner to facilitate a smooth construction of the project. The Contractor shall begin construction within five (5) calendar days of the issuance of the Notice to Proceed."

In no instance shall the number of calendar days for completion of the work measured from the 'Notice To Proceed' exceed 75 calendar days.

R. LIQUIDATED DAMAGES: The time of completion is of the essence for this contract. Not withstanding any other provision of the Documents comprising the construction contract for the Nile Properties Demolition project, for each calendar day that any work shall remain uncompleted after the time specified as described in the "Instruction To Bidders, Section "Q", Construction Schedule", proposal and the contract, or the increased time granted by the Owner, or as equitably increased by additional work or materials ordered after the contract is signed, the sum per day given in the following schedule shall be deducted from the monies due the Contractor:

$500 per Calendar Day

The sum of money thus deducted for such delay, failure or non-completion is not to be considered as a penalty, but shall be deemed, taken and treated as reasonable liquidated damages, per calendar day that the Contractor shall be in default after the time stipulated in the contract for completing the work. The said amounts are fixed and agreed upon by and between Owner and Contractor because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the Owner in such event would sustain; and said amounts are agreed to be the amounts of damages which the Owner would sustain and which shall be retained from the monies due, or that may become due, the Contractor under this contract; and if said monies be insufficient to cover the amount owing, then the Contractor or his surety shall immediately pay any additional amounts due. If the Contractor finds it impossible, for reasons beyond his control, to complete the work within the contract time as specified, the Contractor may make a written request for an extension of time in accordance with the General Provisions. In the case of any conflict, the terms of this paragraph regarding liquidated damages shall control.

S. FORM OF CONTRACT: The contract for the construction of the project will be drawn up by the Owner. A sample form of agreement is included in the Contract Agreement Section.

T. BONDS: A Performance Bond, a Labor and Material Payment Bond and a Maintenance Bond will be required by the Owner. The performance and payment bonds shall name the Town of Addison, and others as directed by the Town, as joint obligees. Sample forms have been included in the Performance Bond, Payment Bond and Maintenance Bond sections. (Contractor shall confirm the legal names of obligees prior to execution of Bonds.)

U. BID SECURITY: Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed to do business in the State of Texas as a guarantee that the bidder will enter into a contract and execute a Performance Bond and Payment Bond within ten (10) calendar days after notice of award of contract to him. Such checks or bid bonds will be returned to all except the three lowest bidders within three (3) days after the opening of bids, and the remaining checks or bid bonds will be returned promptly after the Owner has made an award of contract, or, if no award has been made within thirty (30) calendar days after the date of the opening of bids, upon demand of the bidder at any time thereafter, so long as he has not been notified of the acceptance of his bid.

V. RESOLUTIONS: If the bidder is a corporation, a copy of the resolution empowering the person submitting the bid to bind the bidder must be included with the bid.

W. CONSTRUCTION STAKING: Construction staking will not be provided by the Owner. Benchmarks and Horizontal Control are shown on the plans. There is no separate bid item for staking, therefore, the contractor must include value for staking in his bid.

X. FINAL PAYMENT: The general provisions for Final Payment shall be as stated in Item 1.51.4 of the North Central Texas Standard Specifications for Public Works Construction (3rd Edition) including all Amendments and Additions. Prior to final payment the Contractor shall provide the Owner with the following items:

1. A Contractor's Affidavit of Bills Paid in accordance with Section BP.

2. A Consent of Surety Company to Final Payment.

3. A complete set of record plans which indicate all construction variations from the original construction documents in accordance with Item 5 of the Special Provisions.

4. A one (1) year Maintenance Bond in accordance with Section MB.

Y. PREVAILING WAGE RATES: Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached in the Special Provisions.

SECTION PF

PROPOSAL FORM

SECTION PF
PROPOSAL FORM

_____, 20___

TO: The Honorable Mayor and Town Council
Town of Addison, Texas

Gentlemen:

The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:

Signed By: _____

ACKNOWLEDGEMENT OF ADDENDA:

The Bidder acknowledges receipt of the following addenda:

Addendum No. 1 Dated: _____

Addendum No. 2 Dated: _____

Addendum No. 3 Dated: _____

Addendum No. 4 Dated: _____

Addendum No. 5 Dated: _____

Addendum No. 6 Dated: _____

PROPOSAL FORM

Place _____

Date _____

Proposal of _____,a Corporation

organized and existing under the laws of the State of _____.

OR

Proposal of _____,

a partnership consisting of

and _____.

OR

Proposal of _____,

an individual trading as _____.

TO: Town of Addison, Texas

Sealed bids addressed to the Town of Addison, Texas, for the Building Demolition, Pavement Removal, and Grading for the NILE PROPERTIES DEMOLITION for the Town of Addison, Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by HNTB Corporation, will be received at the office of Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until **2:00 p.m. on the 27th day of November, 2001.** Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.

The undersigned Bidder, having visited the site of the work, having examined the Plans and Specifications, and other Contract Documents, including all Addenda, and being familiar with all of the conditions relating to the proposed project, hereby proposes to furnish all material, supplies, equipment, and appliances specified for the project and to furnish all labor, tools, equipment and incidentals to complete the work in accordance with the Specifications, and other Contract Documents at and for the following lump sum price:

COMPLETED PROJECT: **$** _____

WRITTEN IN WORDS: _____

The undersigned Bidder agrees to begin work within ten (10) calendar days after the Notice to Proceed is issued and complete the work within seventy-five (75) calendar days.

The undersigned Bidder agrees that this bid may not be withdrawn for a period of sixty (60) days after the opening of the bids.

In submitting this bid, it is understood by the undersigned Bidder that the right is reserved by the Town of Addison to reject any and all bids.

_____
Name of Bidder

By: _____
(Signature)

_____
(Print Name and Title)

Witness: _____
(Signature)

_____
(Office Address of Bidder)

Bidder's Tax I.D. No. or Employer No. _____

SEAL (If Bidder is a Corporation)

NOTES: Sign in ink. Do not detach.

SECTION CA

CONTRACT AGREEMENT

SECTION CA
CONTRACT AGREEMENT

STATE OF TEXAS

COUNTY OF DALLAS

THIS AGREEMENT is made and entered into this ____ day of _____, 20___, by and between the Town of Addison, of the County of Dallas and State of Texas, acting through its Mayor, thereunto duly authorized so to do, Party of the First Part, hereinafter termed the OWNER, and _____, of the City of _____, County of _____, State of _____, Party of the Second Part, hereinafter termed CONTRACTOR.

WITNESSETH: That for and in consideration of the payment and agreement hereinafter mentioned, to be made and performed by the OWNER, the said CONTRACTOR hereby agrees with the said OWNER to commence and complete construction of certain improvements as follows:

Nile Properties Demolition

and all extra work in connection therewith, under the terms as stated in the General and Specific Provisions of the AGREEMENT; and at his own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance and other accessories and services necessary to complete the said construction, in accordance with the conditions and prices stated in the Proposal attached hereto and in accordance with the Advertisement for Bids. Instructions to Bidders, General Provisions. Special Provisions. Plans, and other drawings and printed or written explanatory matter thereof, and the Technical Specifications and Addenda thereto, as prepared by the OWNER, each of which has been identified by the endorsement of the CONTRACTOR and the OWNER thereon, together with the CONTRACTOR's written Proposal and the General Provisions, all of which are made a part hereof and collectively evidence and constitute the entire AGREEMENT.

The CONTRACTOR hereby agrees to commence work within ten (10) calendar days after the date of written notice to do so shall have been given to him, and to substantially compete the work within 50 days after he commences work, and to complete all work within 75 days after the date of written notice, subject to such extensions of time as are provided by the General Provisions.

The OWNER agrees to pay the CONTRACTOR $_____ in current funds for the performance of the Contract in accordance with the Proposal submitted thereof, subject to additions and deductions, as provided in the General Provisions, and to make payments of account thereof as provided therein.

IN WITNESS THEREOF, the parties of these presents have executed this AGREEMENT in the year and day first above written.

TOWN OF ADDISON
(OWNER)

ATTEST:

BY:_____

_____
City Secretary

_____
Party of the Second Part
(CONTRACTOR)

ATTEST:

_____

By:_____

The following to be executed if the CONTRACTOR is a corporation:

I, _____, certify that I am the secretary of the corporation named as CONTRACTOR herein; that _____, who signed this Contract on behalf of the CONTRACTOR is the _____ of said corporation; that said Niles Properties Demolition Contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Signed:_____

Corporate Seal

SECTION PrB

PERFORMANCE BOND

SECTION PrB
PERFORMANCE BOND

STATE OF TEXAS

COUNTY OF DALLAS Date Bond Executed: _____

PRINCIPAL: _____

SURETY: _____

PENAL SUM OF BOND (express in words and figures): _____

_____

DATE OF CONTRACT: _____

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of said Contract during the original term of said Contract and any extension thereof that may be granted by the OWNER, with or without notice to the SURETY, and during the life of any guaranty required under the Contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications of said SURETY being hereby waived, then this obligation to be void, otherwise in full force and effect.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL

_____
CONTRACTOR

By: _____

Address: _____

WITNESS _____ _____

SEAL

ATTEST: _____ _____
SURETY

By: _____

Address: _____

_____

Title: _____

(Surety to Attach Power of Attorney)

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the secretary of the corporation named as PRINCIPAL in the within bond that _____, who signed the said bond on behalf of the PRINCIPAL, is the _____ said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said corporation by authority of its governing body.

_____
(Corporate Seal)

SECTION PyB

PAYMENT BOND

SECTION PyB
PAYMENT BOND

STATE OF TEXAS

COUNTY OF DALLAS Date Bond Executed: _____

PRINCIPAL: _____

SURETY: _____

PENAL SUM OF BOND (express in words and figures): _____

_____

DATE OF CONTRACT: _____

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall promptly make payment to all persons supplying labor and materials in the prosecution of the work provided for in said Contract, and any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications to the SURETY being hereby waived, then this obligation to be void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL

_____
CONTRACTOR

By: _____

Address: _____

WITNESS _____ _____

SEAL

ATTEST: _____ _____
SURETY

By: _____

Address: _____

_____

Title: _____

(Surety to Attach Power of Attorney)

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the secretary of the corporation named as PRINCIPAL in the within bond that _____, who signed the said bond on behalf of the PRINCIPAL, is the _____ said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said corporation by authority of its governing body.

_____
(Corporate Seal)

SECTION MB

MAINTENANCE BOND

SECTION MB
MAINTENANCE BOND

STATE OF TEXAS

COUNTY OF DALLAS

That _____ as principal and _____ _____, a corporation organized under the laws of _____ and _____ _____ as sureties, said sureties being authorized to do business in the State of Texas, do hereby expressly acknowledge themselves to be held and bound to pay unto the Town of Addison, Texas, a duly incorporated home rule municipal corporation under the laws of the State of Texas, the sum of

_____

_____

_____

($_____) for the payment of which sum will and truly to be made unto said Town of Addison and its successors, said principal and sureties do hereby bind themselves, their assigns and successors, jointly and severally.

This obligation is conditioned, however, that whereas said:

_____

has this day entered into a written contract with the said Town of Addison to build and construct the

_____

_____

_____

_____

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of one (1) years from the date of acceptance, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation, and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract; planting materials (ground cover, and grasses) will be warranted for one (1) year from the time of final completion and acceptance by the Town of Addison.

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of one (1) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive breaches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

IN WITNESS WHEREOF, the said _____ has caused these presents to be executed by _____ and the said _____ has hereunto set his hand this the ____ day of _____, 20___.

SURETY

_____

_____

By: _____
Attorney in Fact

PRINCIPAL

_____

By: _____

ATTEST

By: _____
Surety

_____
Secretary

_____

_____

Agency and Address

NOTE: Date of Maintenance Bond must not be prior to date of Contract.

SECTION BP

CONTRACTOR'S AFFIDAVIT OF BILLS PAID

SECTION BP
CONTRACTOR'S AFFIDAVIT OF BILLS PAID

STATE OF TEXAS

COUNTY OF DALLAS

Personally, before me the undersigned authority, on this day appeared _____ who, being duly sworn, on oath, says that he is a legal representative of _____
(full name of Contractor as in contract)

and that the contract for the construction of the project, designated as

_____
(Project No.)

_____

_____

has been satisfactorily completed and that all bills for materials, apparatus, fixtures, machinery and labor used in connection with the construction of this project have, to the best of my knowledge and belief, been fully paid.

_____
Signature

_____
Title

Sworn to and subscribed before me this ___ day of _____, 20___.

_____
Notary Public in and for

_____County, Texas

Instructions:

If the contractor is an individual, he shall sign the affidavit. If the contractor is a partnership, any partner may sign the affidavit. If the contractor is a corporation, a person authorized by the by-laws or by the Board of Directors shall sign the affidavit. If the Contractor is a joint-venture of individuals, any of the individuals may sign the affidavit. If the Contractor is a joint-venture of partnerships, or of individuals and partnerships, the affidavit may be signed by the individual or any partner of any partnership. If the contractor is a joint-venture in which a corporation is a party, separate affidavits must be executed in the name of the joint-venture: one by each corporation and one by each individual or partnership. Signatures for corporations should be by a duly authorized officer. If signature is by another, a showing of authority to sign must accompany the affidavit.

SECTION GP

GENERAL PROVISIONS

GENERAL PROVISIONS

1. The General Provisions of the Contract shall be as stated in the Standard Specifications for Public Work Construction, North Central Texas Council of Governments (3rd Edition), under Part I, "General Provisions", Items 1.0 through 1.63 inclusive, as amended or supplemented and except as modified by the Special Provisions.

SECTION SP

SPECIAL PROVISIONS

SECTION SP
SPECIAL PROVISIONS

1. OWNER

The Town of Addison, herein referred to as Owner, party of the First Part of these Contract Documents, or as may be otherwise established through assignment of the contract.

2. ENGINEER

HNTB Corporation, Engineer of the Owner, or other representative as may be authorized by said Owner to act in any particular position.

3. FORMS, PLANS AND SPECIFICATIONS

Forms of Proposal, Contract, Bonds and Plans may be obtained from the office of Ms. Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas.

4. COPIES OF PLANS FURNISHED

Three (3) sets of Plans shall be furnished to the Contractor, at no charge, for construction purposes. Additional copies may be obtained at cost of reproduction upon request.

5. PRODUCT RECORD DOCUMENTS

Maintenance of Documents. The Contractor shall maintain at the job site one record copy of the Contract Drawings, Specifications, Shop Drawings, Change Orders, other modification to the Contract, field test records and other documents submitted by Contractor in compliance with specification requirements. These documents shall be maintained at the job site apart from documents used for construction. These documents are not to be used for construction purposes. The documents shall be maintained in clean, legible condition. The documents shall be made available at all times for inspection by the Owner.

Recording. Each document shall be labeled Project Record Copy in 2-inch high printed letters. The record documents shall be kept current. No work shall be covered until required information has been recorded.

Contract Drawings. The appropriate drawing shall be legibly marked to record, where applicable:

a. Horizontal and vertical location of underground utilities and appurtenances referenced to permanent surface improvements.

b. Field changes of dimension and detail made during construction process.

c. Changes made by Change Order or Supplemental Agreement.

d. Details not on original Contract Drawings.

e. Changes made by Change Order or Supplemental Agreement.

f. Other matters not originally specified.

Shop Drawing. The Contractor shall maintain the Shop Drawings as record drawings and legibly annotate shop drawings to record changes made after review. A red felt-tip marking pen shall be used for all recording.

Submittal. At the completion of the project, the Contractor shall deliver record drawings to the Owner. The transmittal letter shall be accompanied, in duplicate, with:

a. Date, project title and number.

b. Contractor's name and address.

c. Title and number of each record document.

d. Certification that each document as submitted is complete and accurate.

e. Signature of Contractor or his authorized representative.

6. HORIZONTAL AND VERTICAL SURVEY CONTROL

The Contractor will be responsible for horizontal and vertical survey control for this project. Benchmarks coordinates are provided on the plans.

7. PERMITS, LICENSES, AND REGULATIONS

Permits and licenses of a temporary nature necessary for the prosecution of the Work shall be secured and paid for by the Contractor. Permits, licenses and easements for permanent structures or permanent changes in existing facilities shall be secured and paid for by the Owner, unless otherwise specified. If the Contractor observes that the Drawings and Specifications are at variance therewith, he shall promptly notify the Engineer in writing, and any necessary changes shall be adjusted as provided in the Contract for changes in Work. The Contractor shall comply with all federal, state and local laws, rules and regulations of every kind and nature applicable to the performance of its Work hereunder, and shall hold the Owner harmless therefrom.

8. REFERENCE SPECIFICATIONS

Where reference is made to specifications compiled by others, such are hereby made a part of these Specifications.

9. REVIEW OF WORK

The Owner and his representatives shall have the right to review the Work while such Work is in progress to ascertain that the Work is being accomplished in compliance with the standards and requirements set forth in the Contract Documents. It is also contemplated that similar review will be conducted by governmental inspectors. Notwithstanding such review, the Contractor will be held responsible for the finished Work, and any acceptance of the Work by the Owner or governmental agencies will not relieve the Contractor from responsibility for the Work. The Owner reserves the right to place full-time construction observers at the site of the Work.

The Owner and his representatives shall at all times have access to the Work whenever it is in preparation or progress, and the Contractor shall provide proper facilities for such access, and for review.

If the Specifications, the Owner's instructions, laws, ordinances, or any public authority require any Work to be specially tested, the Contractor shall give the Owner timely notice of its readiness for testing, and if the testing is by an authority other than the Owner, of the date fixed for such testing. Tests by the Owner shall be made promptly, and where practicable at the source of supply.

Re-examination of any Work may be ordered by the Owner, and, if so ordered, the Work must be uncovered by the Contractor. If such Work is found to be in accordance with the Contract Documents, the Owner shall pay the cost of re-examination and replacement. If such Work is not in accordance with the Contract Documents, the Contractor shall pay such cost.

10. INSPECTION

Notwithstanding the foregoing, the Town of Addison reserves the right to inspect, test, measure or verify the construction work for this project as the Town deems necessary.

11. SCOPE OF WORK

The Work for this Project consists of furnishing all materials, labor, equipment, tools and incidentals necessary to perform, in accordance with the Plans and Specifications, the proposed Niles Properties Demolition project.

12. PROPERTY LINES AND MONUMENTS

All property corners, control monumentations, construction and survey stakes and marks shall be carefully preserved by the Contractor, and in case of careless destruction or removal by Contractor or his employees, such stakes or marks shall be replaced at the Contractor's expense as required by the Owner.

13. DISCREPANCIES

If the Contractor, in the course of the Work, finds any discrepancy between the Contract Documents and the physical conditions of the locality, or any errors or omissions in drawings or in the layout as given by survey points and instructions, or if it appears that any Plan, Specification or other Contract Document is or may be not in compliance with any building code or other requirement of any governmental body, he shall immediately inform the Owner in writing, and the Owner shall promptly verify the same. Any Work done after such discovery, until authorized, will be done at the Contractor's risk.

14. TIME ALLOTTED FOR COMPLETION

All items of Work included under these contracts shall be completed within the time stipulated in the Instruction To Bidders. The time shall commence on the date specified in the Notice to Proceed. The Notice to Proceed shall consist of a written request by the Owner for the Contractor to proceed with construction of the Project.

15. EXISTING STRUCTURES

The Plans show the location of all known surface and subsurface structures. However, the Owner assumes no responsibility for failure to show any or all of these structures on the Plans, or to show them in their exact location. It is mutually agreed that such failure shall not be considered sufficient basis for claims for additional compensation or extra work or for increasing the pay quantities in any manner whatsoever, unless the obstruction encountered is such as to necessitate changes in the lines or grades, or require the building of special work, provisions for which are not made in the Plans and Proposal, in which case the provisions in these Specifications for extra work shall apply.

16. EXISTING UTILITIES AND SERVICE LINES

The Contractor shall contact all the utility companies which have facilities in the vicinity of the proposed improvements to confirm the horizontal and vertical locations of their respective facilities prior to commencing work. Where a conflict with the proposed improvements is encountered, the Contractor shall notify the Engineer immediately prior to proceeding with the work.

The Contractor shall be responsible for the protection of all existing utilities or service lines crossed or exposed by his construction operation. Where existing utilities or service lines are cut, broken or damaged, the Contractor shall replace the utilities or service lines with the same type of original construction, or better, at his own cost and expense. All replacement, backfill and compaction shall be accomplished in strict accordance with the requirements of the owner of the utility or service line.

17. PUBLIC UTILITIES AND OTHER PROPERTY TO BE CHANGED

In case it is necessary to change or move the property of any owner or of a public utility, such property shall not be moved or interfered with until authorized by the utility company and approved by the Owner. The right is reserved to the owner of public utilities to enter upon the limits of the Project for the purpose of making such changes or repairs of this contract.

18. LIGHTS AND POWER

The Contractor shall provide, at his own expense, temporary lighting and power facilities required for the proper execution of the Work.

19. PERMITS AND RIGHTS-OF-WAY

The Owner will provide rights-of-way for the purpose of construction without cost to the Contractor by securing permits in areas of public dedication or by obtaining easements across privately-owned property. It shall be the responsibility of the Contractor, prior to the initiation of construction on easements through private property, to inform the property

owner of his intent to begin construction. Before beginning construction in areas of public dedication, the Contractor shall inform the agency having jurisdiction in the area forty-eight (48) hours prior to initiation of the Work. The Contractor shall obtain a right-of-way permit from the Town of Addison.

20. PRECONSTRUCTION CONFERENCE

The successful Contractor(s) and Owner shall meet at the call of the Owner on this Project. Prior to the meeting, the Contractor(s) shall prepare schedules showing the sequencing and progress of their work and its effect on others. These schedules shall be delivered to the Owner in advance of the meeting for his review. The general nature of the work, materials used, and methods of construction as well as the schedules will be discussed at the meeting. A final composite schedule will be prepared during this conference to allow an orderly sequence of project construction.

21. ADDENDA

Bidders desiring further information, or interpretation of the Plans and Specifications, must make written request for such information to the Engineer (not later than seven (7) calendar days prior to the date set for the Bid opening). Answers to all such requests will be given in writing to all Bidders in addendum form and all addenda will be bound with and made a part of the Contract Documents. No other explanation or interpretation will be considered official or binding. Should a Bidder find discrepancies in, or omissions from, the Plans, Specifications or Contract Documents, or should he be in doubt as to their meaning, he shall at once notify the Engineer in writing in order that a written addendum may be sent to all Bidders.

22. WATER FOR CONSTRUCTION

The Contractor shall acquire a meter and make the necessary arrangements with the Town of Addison for securing and transporting all water required in the construction, including water required for mixing of concrete, sprinkling, testing or flushing. Water required for construction shall be paid for by the Contractor at the Town of Addison prevailing rates. There will be no separate pay item for connection into the existing water system and quantity of water required for construction purposes.

23. EXCAVATION

The Contractor shall exercise precautions to insure that drainage from adjacent properties is not blocked by his excavations.

24. CONTRACTOR'S BID

The Contractor's Bid shall be on a Lump Sum basis for construction of the Project as shown on the Plans and described in the Specifications.

25. OWNER'S STATUS

The Owner shall perform technical review of the Work. He shall also have authority to reject all Work and materials which do not conform to the Contract and to decide questions which arise in the execution of the Work.

26. OWNER'S DECISIONS

The Owner shall, within a reasonable time after their presentation to him, make decisions in writing on all claims of the Contractor and on all other matters relating to the execution and progress of the Work or the interpretation of the Contract Documents.

27. LANDS FOR WORK

The Owner shall provide as indicated on the Plans for this Project, the lands upon which the Work under this Contract is to be done, right-of-way for access to same, and such other lands which are designated on the Plans or in the Specifications for the use of the Contractor. Such lands and rights-of-way shall be adequate for the performance of the Contract. Should the Contractor be delayed as the result of lack of access, this shall be cause for an extension of time but not for additional cost.

The Contractor shall provide at his own expense and without liability to the Owner any additional land and access thereto that may be required for temporary construction facilities.

28. CLEANING UP

The Contractor shall remove at his own expense all temporary structures, rubbish and waste materials resulting from his operations. These requirements shall not apply to property used for permanent disposal of rubbish or waste materials in accordance with permission of such disposal granted to the Contractor by the Owner thereof.

29. LIQUIDATED DAMAGES FOR DELAY BY CONTRACTOR

The time of completion is of the essence in this contract. For each calendar day that any Work shall remain uncompleted after the time specified the contract, liquidated damages shall be deducted from the monies due the Contractor in the amount of $500.00 per day.

30. USE OF EXPLOSIVES

Use of explosives will not be allowed.

31. PROJECT MAINTENANCE

The Contractor shall maintain, and keep in good repair, the improvements covered by these Plans and Specifications during the life of his contract.

32. DISPOSAL OF WASTE AND SURPLUS EXCAVATION

All asphalt, concrete, rock or excavated material, or other debris or material shall be removed from the property and the Town of Addison. Any required disposal permits shall be the sole responsibility of the Contractor.

33. REMOVALS, ADJUSTMENTS AND REPLACEMENTS

Existing pavements, driveways, curbs, gutters, sidewalks, slabs, docks, etc., to be removed shall be broken up and disposed of. Care shall be exercised to leave a neat, uniform edge or joint at the excavation limits or sections removed where only portions are to be removed. The Owner will designate the limits to be removed. Where pavements, driveways, curbs,

gutters, sidewalks, etc., shall be replaced, then said replacements shall be to the standard of the previously removed portion or better.

Existing structures such as manholes, inlets, cleanouts, valve boxes, etc. which are not the property of a private firm or company, or an individual required to move their own property, shall be adjusted, altered or reset to the required elevation and alignment. New materials and workmanship necessary shall conform to the requirements of these Specifications covering the particular Work. Salvaged materials in good condition may be used in rebuilding such structures, provided the materials are thoroughly cleaned before their use.

All private obstructions which are indicated on the Plans to be moved, will be removed and replaced, or moved to new permanent locations by the Contractor, without additional payment to the Contractor. Any such additional item which the Contractor moves or causes to be moved for his own convenience shall be at his own expense.

34. TOWN OF ADDISON APPROVAL

This project is subject to final approval and acceptance by Town of Addison.

35. TRAFFIC CONTROL

The Contractor shall be responsible for providing traffic control during the construction of this Project consistent with the provisions set forth in the current issue of the "Texas Manual on Uniform Traffic Control Devices for Streets and Highways" issued under the authority of the "State of Texas Uniform Act Regulating Traffic on Highways", codified as Article 6701d Vernon's Civil Statutes, pertinent sections being Section Nos. 27, 29, 30 and 31. The Contractor will not remove any regulatory sign, instructional sign, street name sign, or other sign which has been erected by the City. If it is determined that a sign must be removed to permit required construction, the Contractor shall contact the Town of Addison to remove the sign. In the case of regulatory signs, the Contractor must replace the permanent sign with a temporary sign meeting the requirements of the above-referenced manual, and such a temporary sign must be installed prior to the removal of the existing sign.

36. NOT USED

37. FINAL ACCEPTANCE OF WORK

Final acceptance of the Work is subject to final testing and approval of the Work by the Town of Addison.

38. WORK AREA

Contractor shall restrict his construction activity to the project site.

39. CONTRACTOR'S AFFIDAVIT OF BILLS PAID

The Contractor shall be required to execute the form provided in Section BP prior to the acceptance of the project.

40. PAY ITEMS

Final payment to the construction contractor shall not be made until all Work has been finally completed and verified in accordance with the construction contract, plans and specifications and have been finally accepted by the Town of Addison.

41. NOT USED

42. NOT USED

43. COMPLIANCE WITH GENERAL RULES AND LAWS

"Contractor shall familiarize himself with the nature and extent of the specifications, site conditions, safety requirements, and comply with all federal, state and local laws, ordinances, rules and regulations. Contractor shall determine how compliance with requirements, laws, rules, and regulations will affect his cost, progress or performance of the Work."

44. COMPLIANCE WITH IMMIGRATION LAWS

"Contractor shall take all steps necessary to ensure that all of the Contractor's employees are authorized to work in the United States as required by the Immigration Reform and Control Act of 1986."

45. RESOLUTION OF DISPUTES

The parties hereby covenant and agree that in the event of any controversy, dispute, or claim, of whatever nature arising out of, in connection with or in relation to the interpretation, performance or breach of this agreement, including but not limited to any claims based on contract, tort or statute, before filing a lawsuit, the parties agree to submit the matter to Alternative Dispute Resolution pursuant to the laws of the State of Texas. The parties shall select a third party arbitrator or mediator from the current list of neutrals on file with the Alternative Dispute Resolution Administrator of the Dallas County District Courts. All forms of Alternative Dispute Resolution may be used except binding arbitration. The proceedings shall be conducted in accordance with the laws of the State of Texas.

46. GENERAL SEQUENCE OF CONSTRUCTION

Prior to the start of work, the contractor shall develop a detailed construction schedule and sequence of construction, to be submitted to the Town of Addison for approval, that shall cause minimum interference with traffic along, across and adjacent to the project during construction. If the schedule or sequence becomes unworkable or unsatisfactory as work proceeds, adjustments shall be made.

Sidewalks and/or clear passage ways must be provided at all times for pedestrian traffic in the area.

Erosion control devices must be properly installed and maintained during all stages of construction.

47. CONTRACTOR'S INSURANCE

The minimum insurance required will be the types and amounts required in the Standard Specifications for Public Works Construction issued by the North Central Texas Council of Governments. The insurance company issuing policies shall be acceptable to the Town of Addison and shall be licensed and in good standing with the State of Texas. All policies required shall be submitted to the Town prior to beginning work.

48. NOT USED

49. SEEDING

Seeding shall be done in accordance with Item 3.10 "Seeding" in the NTCOG Standard Specifications. Grass seed will be Bermuda seed and will conform to Type I or Type III in section 3.10.2 "Planting Season". Construction method shall conform to section 3.10.7 "Hydro Mulching". This will not be a separate pay item.

50. NOT USED

51. WORKERS' COMPENSATION INSURANCE COVERAGE

A. **Definitions.**

Certificate of Coverage ("certificate") - A copy of a certificate of insurance, a certificate of authority to self insure issued by the Texas Workers' Compensation Commission (the "TWCC"), or a coverage agreement (TWCC-81, TWCC-82, TWCC-83 or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project, for the duration of the project.

Duration of the Project - includes the time from the beginning of the work on the project until the Contractor's/person's work on the project has been completed and accepted by the governmental entity.

Persons Providing Services on the Project ("subcontractor" in Section 406.096 of the Texas Labor Code) - includes all persons or entities performing all or part of the services the Contractor has undertaken to perform on the project, regardless of whether that person contracted directly with the Contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity or employees of any entity which furnishes persons to provide services on the project. "Services" include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. "Services" does not include activities unrelated to the project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

B. The Contractor shall provide coverage, based on property reporting of classification codes and payroll amounts and filing of any coverage agreement, which meets the statutory requirements of Texas Labor Code, 401.011(44) for all employees of the Contractor providing services on the project, for the duration of the project.

C. The Contractor must provide a certificate of coverage to the Owner prior to being awarded the contract.

D. If the coverage period shown on the Contractor's current certificate of coverage ends during the duration of the project, the Contractor must, prior to the end of the coverage period, file a new certificate of coverage with the Owner, showing that the coverage has been extended.

E. The Contractor shall obtain from each person providing services on the project, and provide to the Owner:

(1) a certificate of coverage, prior to that person beginning work on the project, so that the Owner will have on file certificates of coverage showing coverage for all persons providing services on the project; and,

(2) no later than seven days after receipt by the Contractor, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;

F. The Contractor shall retain all required certificates of coverage on file for the duration of the project and for one year thereafter.

G. The Contractor shall notify the Owner in writing by certified mail or personal delivery, within 10 days after the Contractor knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project.

H. The Contractor shall post on each project site a notice, in the text, form and manner prescribed by the TWCC, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify current coverage and report failure to provide coverage.

I. The Contractor shall contractually require each person with whom it contracts to provide Services on a project to:

(1) provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas Labor Codes 401.011 (44) for all its employees providing services on the project, for the duration of the project;

(2) provide to the Contractor, prior to that person beginning work on the project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the project, for the duration of the project;

(3) provide the Contractor, prior to the end of the coverage period, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;

(4) obtain from each person with whom it contracts, and provide to the Contractor;

a. a certificate of coverage, prior to the other person beginning work on the project; and,

b. a new certificate of coverage showing extension of the coverage period, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the project.

(5) retain all required certificates of coverage on file for the duration of the project and for one year thereafter;

(6) notify the Owner in writing by certified mail or personal delivery, within 10 days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project; and

(7) contractually require each other person with whom it contracts to perform as required by paragraphs (1) - (7) with the certificate of coverage to be provided to the person for whom they are providing services.

J. By signing this contract or providing or causing to be provided a certificate of coverage, the Contractor is representing to the Owner that all employees of the Contractor who will provide services on the project will be covered by worker's compensation coverage for the duration of the project, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the TWCC's Division of Self-Insurance Regulation. Providing false or misleading information may subject the Contractor to administrative penalties, criminal penalties, civil penalties or other civil actions.

K. The Contractor's failure to comply with any of these provisions is a breach of contract by the Contractor which entitles the Owner to declare the contract void if the Contractor does not remedy the breach within ten days after receipt of notice of breach from the Owner.

The following is the form of notice of workers' compensation coverage prescribed by the TWCC. Pursuant to Section 110.110 (d) (7), this notice must be printed with a title in at least 30-point bold type, and text in at least 19-point nominal type, and shall be in both English and Spanish and any other language common to the worker population.

REQUIRED WORKERS' COMPENSATION COVERAGE

"The law requires that each person working on this site or providing services related to this construction project must be covered by workers' compensation insurance. This includes persons providing, hauling or delivering equipment or materials, or providing labor or transportation or other service related to the project, regardless of the identity of their employer or status as an employee.

"Call the Texas Workers' Compensation Commission (TWCC) at (512) 440-3789 to receive further information on the legal requirements for coverage, to verify whether your employer has provided the required coverage, or to report an employer's failure to provide coverage."

53. PROJECT TRAILER

"The Owner will not provide the Contractor with a storage area or project trailer. The Contractor is responsible for providing his own storage at the project site. The Contractor will not be required to provide a job trailer for meetings, phone conversations and other day to day activities. Meetings can be held at the Town of Addison Service Center. Costs for the storage area shall be included in mobilization.

54. RESTRICTED WORK HOURS

Per the Town of Addison Building Regulations, "It shall be unlawful for a person, firm or corporation to excavate, erect, build, construct, alter, repair or demolish any building or structure which has been issued or which is required to be issued a building permit by the Town of Addison between the hours of 7:00 p.m. and 7:00 a.m. Monday through Friday, and between the hours of 7:00 p.m. and 8:00 a.m. on Saturday and Sunday, if such activity is performed within a residential, apartment, or townhouse zoned area, or within three hundred (300) feet of an occupied residence, except in cases of urgent necessity or in the interest of public safety and convenience, and then only by permit of the City Manager."

55. PREVAILING WAGE RATES

Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached hereto.

PREVAILING WAGE RATES

GENERAL DECISION **TX010045** 03/02/2001 TX45

Date: March 2, 2001
General Decision Number **TX010045**

Superseded General Decision No. TX000045

State: TEXAS

Construction Type:
HEAVY
HIGHWAY

County(ies):

COLLIN	GRAYSON	ROCKWALL
DALLAS	JOHNSON	TARRANT
DENTON	KAUFMAN	WICHITA
ELLIS	PARKER	

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS IN WICHITA COUNTY ONLY.

HIGHWAY CONSTRUCTION PROJECTS ONLY FOR REMAINING COUNTIES

Modification Number	Publication Date
0	03/02/2001

COUNTY(ies):

COLLIN	GRAYSON	ROCKWALL
DALLAS	JOHNSON	TARRANT
DENTON	KAUFMAN	WICHITA
ELLIS	PARKER	

SUTX2043A 03/26/1998

Rates	Fringes
AIR TOOL OPERATOR	$ 9.00
ASPHALT RAKER	9.55
ASPHALT SHOVELER	8.80
BATCHING PLANT WEIGHER	11.51
CARPENTER	10.30

CONCRETE FINISHER-PAVING	10.50
CONCRETE FINISHER-STRUCTURES	9.83
CONCRETE RUBBER	8.84
ELECTRICIAN	15.37
FLAGGER	7.55
FORM BUILDER-STRUCTURES	9.82
FORM LINER-PAVING & CURB	9.00
FORM SETTER-PAVING & CURB	9.24
FORM SETTER-STRUCTURES	9.09
LABORER-COMMON	7.32
LABORER-UTILITY	8.94
MECHANIC	12.68
OILER	10.17
SERVICER	9.41
PAINTER-STRUCTURES	11.00
PIPE LAYER	8.98
BLASTER	11.50
ASPHALT DISTRIBUTOR OPERATOR	10.29
ASPHALT PAVING MACHINE	10.30
BROOM OR SWEEPER OPERATOR	8.72
BULLDOZER	10.74
CONCRETE CURING MACHINE	9.25
CONCRETE FINISHING MACHINE	11.13
CONCRETE PAVING JOINT MACHINE	10.42
CONCRETE PAVING JOINT SEALER	9.00
CONCRETE PAVING SAW	10.39
CONCRETE PAVING SPREADER	10.50
SLIPFORM MACHINE OPERATOR	9.92
CRANE, CLAMSHELL, BACKHOE, DERRICK, DRAGLINE, SHOVEL	11.04
FOUNDATION DRILL OPERATOR CRAWLER MOUNTED	10.00
FOUNDATION DRILL OPERATOR TRUCK MOUNTED	11.83
FRONT END LOADER	9.96
MILLING MACHINE OPERATOR	8.62
MIXER	10.30
MOTOR GRADER OPERATOR FINE GRADE	11.97
MOTOR GRADE OPERATOR	10.96
PAVEMENT MARKING MACHINE	7.32
ROLLER, STEEL WHEEL PLANT-MIX PAVEMENTS	9.06
ROLLER, STEEL WHEEL OTHER FLATWHEEL OR TAMPING	8.59

ROLLER, PNEUMATIC, SELF-PROPELLED	8.48
SCRAPER	9.63
TRACTOR-CRAWLER TYPE	10.58
TRACTOR-PNEUMATIC	9.15
TRAVELING MIXER	8.83
WAGON-DRILL, BORING MACHINE	12.00
REINFORCING STEEL SETTER PAVING	13.21
REINFORCING STEEL SETTER STRUCTURES	13.31
STEEL WORKER-STRUCTURAL	14.80
SPREADER BOX OPERATOR	10.00
WORK ZONE BARRICADE	7.32
TRUCK DRIVER-SINGLE AXLE LIGHT	8.965
TRUCK DRIVER-SINGLE AXLE HEAVY	9.02
TRUCK DRIVER-TANDEM AXLE SEMI TRAILER	8.77
TRUCK DRIVER-LOWBOY/FLOAT	10.44
TRUCK DRIVER-TRANSIT MIX	9.47
TRUCK DRIVER-WINCH	9.00
VIBRATOR OPERATOR-HAND TYPE	7.32
WELDER	11.57

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- an existing published wage determination
- a survey underlying a wage determination
- a Wage and Hour Division letter setting forth a position on a wage determination matter
- a conformance (additional classification and rate)

ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

SECTION T

TECHNICAL SPECIFICATIONS

BUILDING DEMOLITION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including Special Provisions.

1.2 SUMMARY

A. This Section includes the following:
   1. Demolition and removal of buildings and structures.
   2. Demolition and removal of site improvements adjacent to a building or structure to be demolished.
   3. Removing below-grade construction.
   4. Disconnecting, capping or sealing, and abandoning in place site utilities.

1.3 DEFINITIONS

A. Remove: Detach items from existing construction and legally dispose of them off-site unless indicated to be removed and salvaged or recycled.

B. Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or recycled.

1.4 MATERIALS OWNERSHIP

A. Contractor shall assume ownership of all building materials on the site. It shall be the Contractor's responsibility to remove building, sign, utility, and paving items from the site.

1.5 SUBMITTALS

A. Proposed Environmental-Protection, Dust-Control and Noise-Control Measures: Submit statement or drawing that indicates the measures proposed for use, proposed locations, and proposed time frame for their operation for approval. Show any measures necessary for protection of trees, foliage or nearby structures.

B. Schedule of Building Demolition Activities: Indicate the following:
   1. Detailed sequence of demolition and removal work, with starting and ending dates for each activity.
   2. Coordination for shutoff, capping, and continuation of utility services.

C. Landfill Records: Indicate receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes, if applicable.

D. Statement of Refrigerant Recovery: Signed by refrigerant recovery technician responsible for recovering refrigerant, stating that all refrigerant that was present was recovered and that recovery was performed according to EPA regulations. Include name and address of technician and date refrigerant was recovered.

1.6 QUALITY ASSURANCE

A. Demolition Firm Qualifications: An experienced firm that has specialized in demolition work similar in material and extent to that indicated for this Project. A minimum of three successful building demolition projects must have been completed and references for each project must be available.

B. Refrigerant Recovery Technician Qualifications: Certified by EPA-approved certification program.

C. Regulatory Requirements: Comply with governing EPA notification regulations before beginning demolition. Comply with hauling and disposal regulations of authorities having jurisdiction. Notification of the Texas Department of Health and other appropriate agencies will be the responsibility of the Contractor. All fees associated with project will be the responsibility of the Contractor.

D. Standards: Comply with ANSI A10.6 and NFPA 241.

E. Predemolition Conference: Conduct conference at Project site to demonstrate compliance with requirements in the Plans and Specifications. Review methods and procedures related to building demolition including, but not limited to, the following:
   1. Inspect and discuss condition of construction to be demolished.
   2. Review and finalize building demolition schedule and verify availability of demolition personnel, equipment, and facilities needed to make progress and avoid delays.
   3. Review and finalize protection requirements.

1.7 PROJECT CONDITIONS

A. Buildings to be demolished will be vacated and their use discontinued before start of Work.

B. Owner gives no indication as to the thickness of any pavements, slabs, docks, or other structural items. It is the responsibility of the Contractor to make his own determinations based on the pre-bid site visit.

C. Owner assumes no responsibility for buildings and structures to be demolished.
   1. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.

D. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.

1. If materials suspected of containing hazardous materials are encountered, do not disturb; immediately notify Owner and Engineer. Hazardous materials will be removed by Owner under a separate contract.

E. Storage or sale of removed items or materials on-site is not permitted.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

A. Survey existing conditions and correlate with requirements indicated to determine extent of building demolition required.

B. Review Project Record Documents of existing construction provided by Owner. Owner does not guarantee that existing conditions are the same as those indicated in Project Record Documents.

C. When unanticipated mechanical, electrical, or structural elements are encountered, investigate and measure the nature and extent of the element. Promptly submit a written report to Engineer.

D. Verify that any known hazardous materials have been remediated before proceeding with building demolition operations.

3.2 PREPARATION

A. Refrigerant: Remove and store refrigerant according to 40 CFR 82 and regulations of authorities having jurisdiction.

B. Existing Utilities: Locate, identify, disconnect, and seal or cap off indicated utilities serving buildings and structures to be demolished.
1. Arrange to shut off all utilities with utility companies.
2. If utility services are required to be removed, relocated, or abandoned, before proceeding with building demolition provide temporary utilities that bypass buildings and structures to be demolished and that maintain continuity of service to other buildings and structures.
3. Cut off pipe or conduit a minimum of four (4) feet below grade, except as noted on the plans. Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing.

C. Temporary Shoring: Provide and maintain interior and exterior shoring, bracing, or structural support to preserve stability and prevent unexpected movement or collapse of construction being demolished.
1. Strengthen or add new supports when required during progress of demolition.

3.3 PROTECTION

A. Existing Facilities: Protect adjacent walkways, loading docks, building entries, and other building facilities during demolition operations.

B. Existing Utilities: Disconnect existing utility services for the building. Underground lines may be abandoned in place, but none shall be within four (4) feet of finished grade.
   1. Do not interrupt existing utilities serving adjacent occupied or operating facilities unless authorized in writing by Owner and authorities having jurisdiction.
   2. Provide temporary services during interruptions to existing utilities, as acceptable to Owner and to authorities having jurisdiction.
      a. Provide at least 72 hours' notice to Owner if shutdown of service is required during changeover.

C. Temporary Protection: Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction and as indicated.
   1. Protect existing site improvements, appurtenances, and landscaping to remain.
   2. Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
   3. Provide protection to ensure safe passage of people around building demolition area and to and from occupied portions of adjacent buildings and structures.
   4. Protect walls, windows, roofs, and other adjacent exterior construction that are to remain and that are exposed to building demolition operations.
   5. Erect and maintain partitions and temporary enclosures to limit dust and dirt migration and to separate areas from fumes and noise from occupied portions of adjacent buildings.

3.4 DEMOLITION, GENERAL

A. General: Demolish indicated existing buildings, structures and site improvements completely. Use methods required to complete the Work within limitations of governing regulations and as follows:

   1. Do not use cutting torches until work area is cleared of flammable materials. Maintain portable fire-suppression devices during flame-cutting operations.
   2. Maintain adequate ventilation when using cutting torches.
   3. Locate building demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.

B. Hazard Surveys: Perform surveys as the Work progresses to detect hazards that may result from building demolition activities.

C. Site Access and Temporary Controls: Conduct building demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
   1. Do not close or obstruct streets, walks, walkways, or other adjacent occupied or used facilities without permission from Owner. Provide alternate routes around closed or obstructed traffic ways if required by Owner.
   2. Use water mist and other suitable methods to limit spread of dust and dirt. Comply with governing environmental-protection regulations. Do not use water when it may damage

adjacent construction or create hazardous or objectionable conditions, such as ice, flooding, and pollution.

3.5 MECHANICAL DEMOLITION

A. Remove buildings and structures, and site improvements intact when permitted by authorities having jurisdiction.

B. Proceed with demolition of structural framing members systematically, from higher to lower level. Concrete panels shall be lowered systematically to maintain as much structural stability as possible with remaining structure.

C. Remove debris from elevated portions by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
   1. Remove structural framing members and lower to ground by method suitable to minimize ground impact or dust generation.

D. Concrete: Cut concrete full depth at junctures with construction indicated to remain, using power-driven saw, then remove concrete between saw cuts.

E. Below-Grade Construction: Demolish and remove foundation walls and other below-grade construction. Remove piers to a depth of at least four (4) feet below final grades indicated.

F. Existing Utilities: Demolish and remove existing utilities and below-grade utility structures. Remove and salvage meters on the site. Coordinate removal of service lines with applicable utility companies.

3.6 EXPLOSIVE DEMOLITION

A. Explosives: Use of explosives is not permitted.

3.7 SITE RESTORATION

A. Below-Grade Areas: Rough grade below-grade areas ready for further excavation or new construction. Remove all debris over 3" in size. Entire site shall be cleared and grubbed according to NTCOG specification item 3.2. No separate payment will be made for clearing and grubbing.

B. Site Grading: Site shall be graded according to plans to a tolerance of +/- 0.2 feet. There shall be no ponding or low areas on site. All drainage shall sheet flow to the channel on the north and west sides of the site. All backfill material necessary for bringing the site to the proper grades will be the responsibility of the contractor. At a minimum, the top four (4) inches will be topsoil material. The fill material below the topsoil will be new select fill material. No separate payment will be made for these items. Fill material will be free of root and rock material.

C. It will be the responsibility of the Contractor to develop his own estimate prior to bidding on the project.

D. Vegetation: Hydromulch site with Common Bermuda or approved equivalent within seven days of demolition of the building and parking areas. Hydromulch shall be applied at a rate as defined by the manufacturer for uniform grass coverage. Water shall be applied until the grass is well established.

3.8 REPAIRS

A. General: Promptly repair damage to adjacent construction caused by building demolition operations.

B. Where repairs to existing surfaces are required, patch to produce surfaces suitable for new materials.

C. Restore exposed finishes of patched areas and extend restoration into adjoining construction in a manner that eliminates evidence of patching and refinishing.

3.9 DISPOSAL OF DEMOLISHED MATERIALS

A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.
   1. Do not allow demolished materials to accumulate on-site.
   2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.

B. Burning: Do not burn demolished materials.

C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

3.10 CLEANING

A. Clean adjacent structures and improvements of dust, dirt, and debris caused by building demolition operations. Return adjacent areas to condition existing before building demolition operations began.

END OF SECTION

TOWN OF ADDISON

BUILDING REGULATION SEC. 5-37.5

Sec. 5-37.5. Excavation, construction or demolition at night prohibited.

(a) *Intent and purpose.* The city council of the Town of Addison finds and declares that:

(1) The uncontrolled excavation, erection, construction or demolition at night upon buildings or structures presents an inconvenience or danger to the welfare and safety of those persons residing within or near the buildings or structures worked upon.

(2) Such nocturnal activity causes inconvenience or danger to those persons residing within or near the buildings or structures worked upon so as to constitute a public nuisance.

(3) It is a matter of public necessity that the Town of Addison protect those persons residing within or near the buildings

or structures worked upon from the danger posed by such nocturnal activity.

(4) The provisions and prohibitions hereinafter contained and enacted are in pursuance of and for the morals and general welfare of persons in the Town of Addison.

(5) There is an immediate and present danger presented by the above described uncontrolled nocturnal activity, creating an emergency.

(b) *Unlawful activity.* It shall be unlawful for a person, firm or corporation to excavate, erect, build, construct, alter, repair or demolish any building or structure which has been issued or which is required to be issued a building permit by the Town of Addison between the hours of 7:00 p.m. and 7:00 a.m. Monday through Friday, and between the hours of 7:00 p.m. and 8:00 a.m. on Saturday and Sunday, if such activity is performed within a residential, apartment or townhouse zoned area, or within three hundred (300) feet of an occupied residence, except in cases of urgent necessity or in the interest of public safety and convenience, and then only by permit of the city manager.

(c) *Exception.* The provisions of this section shall not apply to city and utility company when engaged in the installation or repair of utility lines situated within such buildings or structures.

(d) *Posting of sign.* The owner of the property upon which activity is carried on or the general contractor shall be responsible for the posting of a sign in a clearly visible area at all entrances to construction sites that will state the hours during which construction is allowed. (Ord. No. 084-051, § 1, 7-24-84; Ord. No. 085-040, §§ 1, 2, 6-25-85)

Editor's note—Section 2 of Ord. No. 084-051, adopted July 24, 1984, provided that any person, firm or corporation violating the provisions of this ordinance, codified herein as § 5-37.5, shall upon commission be deemed guilty of a misdemeanor, and shall be subject to a fine not to exceed two hundred dollars ($200.00). Furthermore, the construction or building permit of a person, firm or corporation may be revoked if said person, firm or corporation continues violating any of the provisions of this § 5-37.5.

APPENDIX

01-315
(Rev. 1-91/4)

TEXAS SALES AND USE TAX EXEMPTION CERTIFICATE

Name of purchaser, firm or agency

Address (Street & number, P.O. Box or Route number) | Phone (Area code and number)

City, State, ZIP code

I, the purchaser named above, claim an exemption from payment of sales and use taxes for the purchase of taxable items described below or on the attached order or invoice form:

Seller: _____

Street address: _____ City, State, ZIP code: _____

Description of items to be purchased or on the attached order or invoice:

_____

_____

_____

Purchaser claims this exemption for the following reason:

TAX EXEMPT USE BY POLITICAL SUBDIVISION OF THE STATE OF TEXAS

I understand that I will be liable for payment of sales or use taxes which may become due for failure to comply with the provisions of the Tax Code, Limited Sales, Excise, and Use Tax Act, Municipal Sales and Use Tax Act, Sales and Use Taxes for Special Purpose Taxing Authorities, County Sales and Use Tax Act, County Health Services Sales and Use Tax and the Texas Health and Safety Code: Special Provisions Relating to Hospital Districts, Emergency Services Districts, and Emergency Services Districts in counties with a population of 125,000 or less.

I understand that it is a misdemeanor to give an exemption certificate to the seller for taxable items which I know, at the time of purchase, will be used in a manner other than that expressed in this certificate and that upon conviction may be fined not more than $500 per offense.

sign here ▸ Purchaser | Title | Date

Note: This certificate cannot be issued for the purchase, lease or rental of a motor vehicle.

THIS CERTIFICATE DOES NOT REQUIRE A NUMBER TO BE VALID

Sales and Use Tax "Exemption Numbers" or "Tax Exempt" Numbers do not exist.

This certificate should be furnished to the supplier. Do not send the completed certificate to the Comptroller of Public Accounts.

Storm Water Pollution Prevention Plan
Building Demolition Only
Arapaho Road

Part A – Site Description

Type of Project

The project is the demolition of an existing building and associated parking. This project is necessary due to the alignment of Arapaho Road in Addison, Texas.

Schedule

Milestone	Scheduled		Revised	
	Start	Finish	Start	Finish
Set up initial controls				
Building demolition				
Demolish west parking				
Stabilize west parking area				
Install phase B controls				
Demolish east parking				
Final Site stabilization				

Part B – Existing Conditions

Existing Foliage

Type of Grass / Vegetation	Approximate Density	Site Coverage
Bermuda Grass	90	10
Trees	20	10

Drainage Impacts

Pre-development Runoff Coefficient (C in Rational Formula) **0.90**
Post-development Runoff Coefficient **0.40** **Addition of roadway will be in a future phase.**

Onsite Systems

Pipe System Present **No**

Other Systems Present

There is a substantial drainage channel located on the north and west-side of the property. This channel shall not be significantly impacted by the construction activities. The existing channel lining will remain in place.

Existing Areas of Erosion

Since most of the site consists of structure and pavement, there is little evidence of existing erosion.

Part C – Pollution Prevention Techniques

Project Phasing

Phase	Start	Finish
Phase A		
Phase B		

Vegetative Techniques

Bermuda seed shall be applied as described in Section 49 of the Special Conditions and the Vegetation Construction BMP in this Appendix. Grassed areas will be watered until grass is well established.

Silt Fence

Design capacity for silt fence shall be 3.5 cubic feet per second. As shown on the construction plans, silt fence shall be installed in two phases, A and B.

	Install Date	Removal Date
Phase A		
Phase B		

Stabilized Construction Entrance

The existing pavement at the entrance to the site shall remain for the majority of the demolition activities. If this entrance is removed before completion of the demolition activities, a stabilized construction entrance shall be installed.

Waste Management Practices

Solid Waste Management

- Covered, leakproof trash container on-site.
- Dumpster on site.
- Daily site clean up procedures implemented.
- Timely collection of waste from containers.

Hazardous Waste Management

- Controlled storage facility for paint, thinner and solvents.
- Controlled storage facilities for fertilizer and other chemicals.
- Procedures for handling spills is established and posted on-site.

Hazardous Materials used or found on-site

- Solvents
- Fuels
- Oils
- Grease
- Roofing Tar
- Pesticides
- Fertilizer

Concrete Waste Management

- Concrete dust and debris resulting from demolition
- Washout areas
- Runoff Treatment

Part D – Contractor / Sub Contractor Certifications

Any contractor or sub contractor responsible for portions of the SWPPP or impacts the efforts of the SWPPP shall sign the following certification prior to providing services at the site.

> I certify under penalty of law that I understand the terms an conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signed: _____ Date: _____

Name (Printed): _____

Title: _____

Name of Firm: _____

Address: _____

City, State, Zip: _____

Phone: _____

Nature of Firm's Responsibility: _____

Signed: _____ Date: _____

Name (Printed): _____

Title: _____

Name of Firm: _____

Address: _____

City, State, Zip: _____

Phone: _____

Nature of Firm's Responsibility: _____

Signed: _____ Date: _____

Name (Printed): _____

Title: _____

Name of Firm: _____

Address: _____

City, State, Zip: _____

Phone: _____

Nature of Firm's Responsibility: _____

Signed: _____ Date: _____

Name (Printed): _____

Title: _____

Name of Firm: _____

Address: _____

City, State, Zip: _____

Phone: _____

Nature of Firm's Responsibility: _____

Signed: _____ Date: _____

Name (Printed): _____

Title: _____

Name of Firm: _____

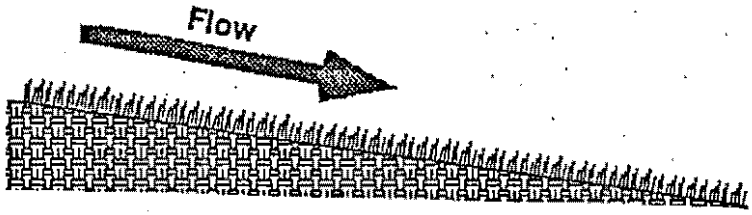
Address: _____

City, State, Zip: _____

Phone: _____

Nature of Firm's Responsibility: _____

Vegetation



Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection

Temporary Stabilization

Permanent Stabilization

Waste Management

Housekeeping Practices

DESCRIPTION

Vegetation, as a Best Management Practice, is the sowing of annual grasses, small grains or legumes to provide interim and permanent vegetative stabilization for disturbed areas.

PRIMARY USE

Vegetation is used as a temporary or permanent stabilization technique for areas disturbed by construction but not protected by pavement, building or other structures. As a temporary control, vegetation is used to stabilize stockpiles and barren areas which are inactive for long periods of time. As a permanent control, grasses and other vegetation provide good protection for the soil along with some filtering for overland runoff. Subjected to acceptable runoff velocities, vegetation can provide a good method of permanent storm water management as well as a visual amenity to the site.

Other BMPs may be required to assist in the establishment of vegetation. These other techniques include erosion control matting, swales and dikes to direct flow around newly seeded areas and proper grading to limit runoff velocities during construction.

APPLICATIONS

Vegetative techniques can and should apply to every construction project with few exceptions. Vegetation effectively reduces erosion in swales, stock piles, berms, mild to medium slopes and along roadways. Vegetative strips can provide some protection when used as a perimeter control for utility and site development construction.

In many cases, the initial cost of temporary seeding may be high compared to tarps or covers for stockpiles or other barren areas subject to erosion yet inactive. This initial cost should be weighed with the amount of time the area is to remain inactive, since maintenance cost for vegetated areas is much less than most structural controls.

DESIGN CRITERIA

Surface Preparation

- ☐ Interim or final grading must be completed prior to seeding, minimizing all steep slopes.
- ☐ Install all necessary erosion structures such as dikes, swales, diversions, etc., prior to seeding.

Targeted Constituents

- ● Sediment
- ◒ Nutrients
  Toxic Materials
- ○ Oil & Grease
- ○ Floatable Materials
- ○ Other Construction Wastes

Implementation Requirements

- ◒ Capital Costs
- ◒ Maintenance
- ○ Training
- ● Suitability for Slopes >5%

Legend

- ● Significant Impact
- ◒ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

Fe = 0.90

E-4

North Central Texas Council of Governments

Vegetation

- ☐ Groove or furrow slopes steeper than 3:1 on the contour line before seeding.
- ☐ Provide 4-6 inches of topsoil over rock, gravel or otherwise unsuitable soils.
- ☐ Seed-bed should be well pulverized, loose and uniform.

Plant Selection, Fertilization and Seeding

- ☐ Use only high quality, USDA certified seed.
- ☐ Use an appropriate species or species mixture adapted to local climate, soil conditions and season according to the table on the following page. Consult with the local office of the U.S. Soil Conservation Service (SCS) or Engineering Extension service as necessary for selection of proper species and application technique in this area.
- ☐ Seeding rate should be in accordance with the table on the following page or as recommended by the SCS or engineering extension service.
- ☐ Fertilizer shall be applied according to the manufacturer's recommendation with proper spreader equipment. Typical application rate for 10-10-10 grade fertilizer is 700-1000 lb/acre. DO NOT OVER APPLY FERTILIZER.
- ☐ If hydro-seeding is used, do not mix seed and fertilizer more than 30 minutes before application.
- ☐ Evenly apply seed using cyclone seeder, seed drill, cultipacker or hydroseeder.
- ☐ Provide adequate water to aid in establishment of vegetation.
- ☐ Use appropriate mulching techniques where necessary.

LIMITATIONS

Vegetation is not appropriate for areas subjected to heavy pedestrian or vehicular traffic. As a temporary technique, vegetation may be costly when compared to other techniques.

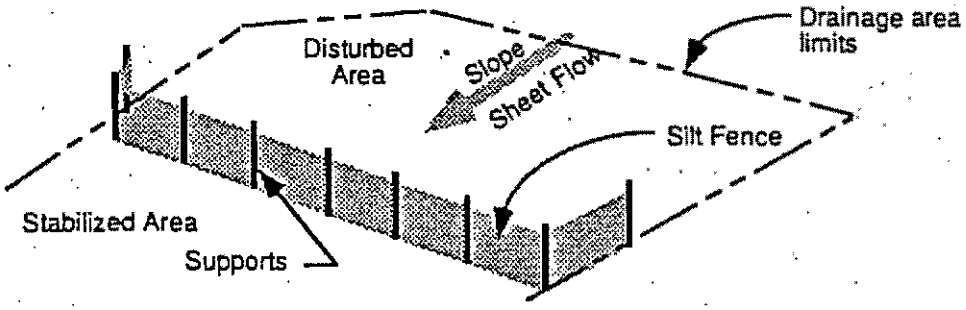
Vegetation is not appropriate for rock, gravel or coarse grained soils unless 4 to 6 inches of topsoil is applied.

MAINTENANCE REQUIREMENTS

Protect newly seeded areas from excessive runoff and traffic until vegetation is established. A watering and fertilizing schedule will be required as part of the SWPPP to assist in the establishment of the vegetation.

Specification Section	N/A
Detail ID	N/A

Silt Fence



Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- Temporary Stabilization
- Permanent Stabilization
- Waste Management
- Housekeeping Practices

DESCRIPTION

A silt fence consists of geotextile fabric supported by poultry netting or other backing stretched between either wooden or metal posts with the lower edge of the fabric securely embedded in the soil. The fence is typically located downstream of disturbed areas to intercept runoff in the form of sheet flow. Silt fence provides both filtration and time for sedimentation to reduce sediment and it reduces the velocity of the runoff. Properly designed silt fence is economical since it can be re-located during construction and re-used on other projects.

PRIMARY USE

Silt fence is normally used as perimeter control located downstream of disturbed areas. It is only feasible for non-concentrated, sheet flow conditions.

APPLICATIONS

Silt fence is an economical means to treat overland, non-concentrated flows for all types of projects. Silt fences are used as perimeter control devices for both site developments and linear (roadway) type projects. They are most effective with coarse to silty soil types. Due to the potential of clogging, silt fence should not be used with clay soil types.

In order to reduce the length of silt fence, it should be placed adjacent to the down slope side of the construction activities.

DESIGN CRITERIA

- ☐ Fences are to be constructed along a line of constant elevation (along a contour line) where possible.
- ☐ Maximum slope adjacent to the fence is 1:1.
- ☐ Maximum distance of flow to silt fence should be 200 feet or less.
- ☐ Maximum concentrated flow to silt fence shall be 1 CFS per 20 feet of fence.
- ☐ If 50% or less of soil, by weight, passes the U.S. Standard sieve No. 200, select the equivalent opening size (E.O.S.) to retain 85% of the soil.
- ☐ Maximum equivalent opening size shall be 70 (#70 sieve).
- ☐ Minimum equivalent opening size shall be 100 (#100 sieve).
- ☐ If 85% or more of soil, by weight, passes the U.S. Standard sieve No. 200, silt fences shall not be used due to potential clogging.

Targeted Constituents

- ● Sediment
- ○ Nutrients Toxic Materials
- ○ Oil & Grease
- ◒ Floatable Materials
- ○ Other Construction Wastes

Implementation Requirements

- ◒ Capital Costs
- ● Maintenance
- ○ Training
- ◒ Suitability for Slopes >5%

Legend

- ● Significant Impact
- ◒ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

Fe = 0.75

S-1

North Central Texas Council of Governments

Silt Fence

- ☐ Sufficient room for the operation of sediment removal equipment shall be provided between the silt fence and other obstructions in order to properly maintain the fence.
- ☐ The ends of the fence shall be turned upstream to prevent bypass of stormwater.

LIMITATIONS

Minor ponding will likely occur at the upstream side of the silt fence resulting in minor localized flooding.

Fences which are constructed in swales or low areas subject to concentrated flow may be overtopped resulting in failure of the filter fence. Silt fences subject to areas of concentrated flow (waterways with flows > 1 cfs) are not acceptable.

Silt fence can interfere with construction operations, therefore planning of access routes onto the site is critical.

Silt fence can fail structurally under heavy storm flows, creating maintenance problems and reducing the effectiveness of the system.

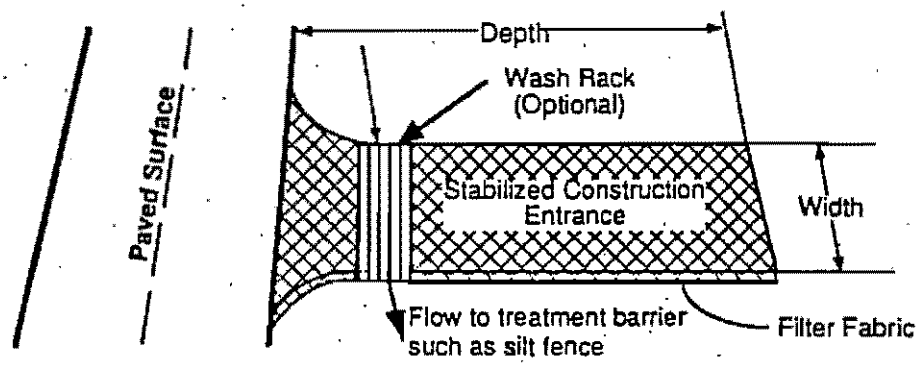
MAINTENANCE REQUIREMENTS

Inspections should be made on a weekly basis, especially after large storm events. If the fabric becomes clogged, it should be cleaned or if necessary, replaced.

Sediment should be removed when it reaches approximately one-half the height of the fence.

Specification Section
B
Detail ID
2020

Stabilized Construction Entrance



Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- **Temporary Stabilization**
- Permanent Stabilization
- Waste Management
- Housekeeping Practices

DESCRIPTION

A stabilized construction entrance consists of a pad consisting of gravel, crushed stone, recycled concrete or other rock like material on top of geotextile filter cloth to facilitate the wash down and removal of sediment and other debris from construction equipment prior to exiting the construction site. For added effectiveness, a wash rack area can be incorporated into the design to further reduce sediment tracking. For long term projects, cattle guards or other type of permanent rack system can be used in conjunction with a wash rack. This directly addresses the problem of silt and mud deposition in roadways used for construction site access.

PRIMARY USE

Stabilized construction entrances are used primarily for sites in which significant truck traffic occurs on a daily basis. It reduces the need to remove sediment from streets. If used properly, it also directs the majority of traffic to a single location, reducing the number and quantity of disturbed areas on the site and providing protection for other structural controls through traffic control.

APPLICATIONS

Stabilized construction entrances are a required part of the erosion control plan for all site developments larger than 5 acres and a recommended practice for all construction sites. It is not suitable for long, linear projects. If possible, small entrances should be incorporated into small lot construction due to the large percentage of disturbed area on the site and the high potential for offsite tracking of silt and mud.

DESIGN CRITERIA

- Stabilized construction entrances are to be constructed such that drainage across the entrance is directed to a controlled, stabilized outlet on site with provisions for storage proper filtration and removal of wash water.
- The entrance must be properly graded so that storm water is not allowed to leave the site and enter roadways.
- Minimum width of entrance shall be 15 feet, but in no case shall the width be less than that of the entry way to be used.
- Minimum depth of entrance shall be 8 inches for the entire length of the control.

Targeted Constituents

- ● Sediment
- ○ Nutrients
  Toxic Materials
- ○ Oil & Grease
- ○ Floatable Materials
- ○ Other Construction Wastes

Implementation Requirements

- ● Capital Costs
- ◐ Maintenance
- ○ Training
- ○ Suitability for Slopes >5%

Legend

- ● Significant Impact
- ◐ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

Fe = N/A

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North Central Texas Council of Governments

Stabilized Construction Entrance

- Minimum dimensions for the entrance shall be as follows:

Tract Area	Avg. Lot Depth	Min. Width of Entrance	Min. Depth of Entrance
< 1 Acre	100 feet	15 feet	20 feet
< 5 Acres	200 feet	20 feet	30 feet
< 10 Acres	> 200 feet	20 feet	40 feet
> 10 Acres	> 200 feet	25 feet	50 feet

LIMITATIONS

Selection of the construction entrance location is critical in that to be effective, it must be used exclusively.

Stabilized entrances are rather expensive considering that it must be installed in combination with one or more other sediment control techniques, but it may be cost effective compared to labor intensive street cleaning.

MAINTENANCE REQUIREMENTS

Inspections should be made on a regular basis and after large storm events in order to ascertain whether or not sediment and pollution are being effectively detained on site.

When sediment has substantially clogged the void area between the rocks, the aggregate mat must be washed down or replaced.

Periodic re-grading and top dressing with additional stone must be done to keep the efficiency of the entrance from diminishing.

Specification Section
G
Detail ID 2070

Solid Waste Management

DESCRIPTION

Large volumes of solid waste are often generated at construction sites including: packaging, pallets, wood waste, concrete waste, soil, electrical wiring, cuttings, and a variety of other materials. The solid waste management practice lists techniques to minimize the potential of storm water contamination from solid waste through appropriate storage and disposal practices.

PRIMARY USE

These practices should be a part of all construction practices. By limiting the trash and debris on site, storm water quality is improved along with reduced clean up requirements at the completion of the project.

APPLICATIONS

The solid waste management practice for construction sites is based on proper storage and disposal practices by construction workers and supervisors. Key elements of the program are education and modification of improper disposal habits. Cooperation and vigilance is required on the part of supervisors and workers to ensure that the recommendations and procedures are followed. Following are lists describing the targeted materials and recommended procedures:

- ☐ Targeted Solid Waste Materials
  - Paper and cardboard containers
  - Plastic packaging
  - Styrofoam packing and forms
  - Insulation materials (non-hazardous)
  - Wood pallets
  - Wood cuttings
  - Pipe and electrical cuttings
  - Concrete, brick, and mortar waste
  - Shingle cuttings and waste
  - Roofing tar
  - Steel (cuttings, nails, rust residue)
  - Gypsum board cuttings and waste
  - Sheathing cuttings and waste
  - Miscellaneous cutting and waste
  - Food waste
  - Demolition waste

Storage Procedures

- ☐ Wherever possible, minimize production of solid waste materials.
- ☐ Designate a foreman or supervisor to oversee and enforce proper solid waste procedures.
- ☐ Instruct construction workers in proper solid waste procedures.
- ☐ Segregate potentially hazardous waste from non-hazardous construction site debris.
- ☐ Keep solid waste materials under cover in either a closed dumpster or other enclosed trash container that limits contact with rain and runoff.
- ☐ Store waste materials away from drainage ditches, swales and catch basins.

Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- Temporary Stabilization
- Permanent Stabilization
- **Waste Management**
- **Housekeeping Practices**

Targeted Constituents

- ○ Sediment
- ● Nutrients
- Toxic Materials
- ○ Oil & Grease
- ● Floatable Materials
- ● Other Construction Wastes

Implementation Requirements

- ⊖ Capital Costs
- ⊖ Maintenance
- ⊖ Training
- ○ Suitability for Slopes >5%

Legend

- ● Significant Impact
- ⊖ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

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North Central Texas Council of Governments

Solid Waste Management

- ☐ Do not allow trash containers to overflow.
- ☐ Do not allow waste materials to accumulate on the ground.
- ☐ Prohibit littering by workers and visitors.
- ☐ Police site daily for litter and debris.
- ☐ Enforce solid waste handling and storage procedures.

Disposal Procedures

- ☐ If feasible, segregate recyclable wastes from non-recyclable waste materials and dispose of properly.
- ☐ General construction debris may be hauled to a licensed construction debris landfill (typically less expensive than a sanitary landfill).
- ☐ Use waste facilities approved by local jurisdiction.
- ☐ Runoff which comes into contact with unprotected waste shall be directed into structural treatment such as silt fence to remove debris.

Education

- ☐ Educate all workers on solid waste storage and disposal procedures.
- ☐ Instruct workers in identification of solid waste and hazardous waste.
- ☐ Have regular meetings to discuss and reinforce disposal procedures (incorporate in regular safety seminars).
- ☐ Clearly mark on all solid waste containers which materials are acceptable.

Quality Control

- ☐ Foreman and/or construction supervisor shall monitor on-site solid waste storage and disposal procedures.
- ☐ Discipline workers who repeatedly violate procedures.

Requirements

- ☐ Job-site waste handling and disposal education and awareness program.
- ☐ Commitment by management to implement and enforce Solid Waste Management Program.
- ☐ Compliance by workers.
- ☐ Sufficient and appropriate waste storage containers.
- ☐ Timely removal of stored solid waste materials.
- ☐ Possible modest cost impact for additional waste storage containers.
- ☐ Small cost impact for training and monitoring
- ☐ Minimal overall cost impact.

LIMITATIONS

Only addresses non-hazardous solid waste.
One part of a comprehensive construction site management program.

Specification Section	N/A
Detail ID	N/A

Hazardous Waste Management

DESCRIPTION

The hazardous waste management BMP addresses the problem of storm water polluted with hazardous waste through spills or other forms of contact. The objective of the Management Program is to minimize the potential of stormwater contamination from common construction site hazardous wastes through appropriate recognition, handling, storage and disposal practices.

It is not the intent of this Management Program to supersede or replace normal site assessment and remediation procedures. Significant spills and/or contamination warrant immediate response by trained professionals. Suspected job-site contamination should be immediately reported to regulatory authorities and protective actions taken. The General Permit requires reporting of significant spills to the National Response Center (NRC) at (800) 424-8802.

PRIMARY USE

These management practices along with applicable OSHA and EPA guidelines should be incorporated at all construction sites which use or generate hazardous wastes. Many wastes such as fuel, oil, grease, fertilizer and pesticide are present at most construction sites.

INSTALLATION, APPLICATION AND DISPOSAL CRITERIA

The hazardous waste management techniques presented here are based on proper recognition, handling, and disposal practices by construction workers and supervisors. Key elements of the management program are education, proper disposal practices, as well as provisions for safe storage and disposal. Following are lists describing the targeted materials and recommended procedures:

- ☐ Targeted Hazardous Waste Materials
  - Paints
  - Solvents
  - Stains
  - Wood preservatives
  - Cutting oils
  - Greases
  - Roofing tar
  - Pesticides
  - Fuels & lube oils
  - Lead based paints (Demolition)

Storage Procedures

- ☐ Wherever possible, minimize use of hazardous materials.
- ☐ Minimize generation of hazardous wastes on the job-site.
- ☐ Segregate potentially hazardous waste from non-hazardous construction site debris.
- ☐ Designate a foreman or supervisor to oversee hazardous materials handling procedures.
- ☐ Keep liquid or semi-liquid hazardous waste in appropriate containers (closed drums or similar) and under cover.
- ☐ Store waste materials away from drainage ditches, swales and catch

Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- Temporary Stabilization
- Permanent Stabilization
- Waste Management
- Housekeeping Practices

Targeted Constituents

- ○ Sediment
- ● Nutrients Toxic Materials
- ● Oil & Grease
- ○ Floatable Materials
- ● Other Construction Wastes

Implementation Requirements

- ◒ Capital Costs
- ◒ Maintenance
- ◒ Training
- ○ Suitability for Slopes >5%

Legend

- ● Significant Impact
- ◒ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

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North Central Texas Council of Governments

Hazardous Waste Management

basins.
- ☐ Use containment berms in fueling and maintenance areas and where the potential for spills is high.
- ☐ Ensure that adequate hazardous waste storage volume is available.
- ☐ Ensure that hazardous waste collection containers are conveniently located.
- ☐ Do not allow potentially hazardous waste materials to accumulate on the ground.
- ☐ Enforce hazardous waste handling and disposal procedures.
- ☐ Clearly mark on all hazardous waste containers which materials are acceptable for the container.

Disposal Procedures
- ☐ Regularly schedule hazardous waste removal to minimize on-site storage.
- ☐ Use only reputable, licensed hazardous waste haulers.

Education
- ☐ Instruct workers in identification of hazardous waste
- ☐ Educate workers of potential dangers to humans and the environment from hazardous wastes
- ☐ Instruct workers on safety procedures for common construction site hazardous wastes
- ☐ Educate all workers on hazardous waste storage and disposal procedures
- ☐ Have regular meetings to discuss and reinforce identification, handling and disposal procedures (incorporate in regular safety seminars)
- ☐ Establish a continuing education program to indoctrinate new employees.

Quality Assurance
- ☐ Foreman and/or construction supervisor shall monitor on-site hazardous waste storage and disposal procedures.
- ☐ Educate and if necessary, discipline workers who violate procedures.
- ☐ Ensure that the hazardous waste disposal contractor is reputable and licensed.

Requirements
- ☐ Job-site hazardous waste handling and disposal education and awareness program.
- ☐ Commitment by management to implement hazardous waste management practices.
- ☐ Compliance by workers.
- ☐ Sufficient and appropriate hazardous waste storage containers.
- ☐ Timely removal of stored hazardous waste materials.

Costs
- ☐ Possible modest cost impact for additional hazardous storage containers.
- ☐ Small cost impact for training and monitoring.
- ☐ Potential cost impact for hazardous waste collection and disposal by licensed hauler - actual cost depends on type of material and volume.

LIMITATIONS

This practice is not intended to address site-assessments and pre-existing contamination.
Major contamination, large spills and other serious hazardous waste incidents require immediate response from specialists.
Demolition activities and potential pre-existing materials, such as asbestos, are not addressed by this program. Site specific information on plans is necessary.
Contaminated soils are not addressed.
One part of a comprehensive construction site waste management program.

Specification Section
N/A

Detail ID
N/A

Concrete Waste Management

DESCRIPTION

Concrete waste at construction sites comes in two forms; 1) excess fresh concrete mix including truck and equipment washing, and 2) concrete dust and concrete debris resulting from demolition. Both forms have the potential to impact water quality through storm water runoff contact with the waste.

PRIMARY USE

Concrete waste is present at most construction sites. This BMP should be utilized at sites in which concrete waste is present.

APPLICATIONS

A number of water quality parameters can be affected by introduction of concrete - especially fresh concrete. Concrete affects the pH of runoff, causing significant chemical changes in water bodies and harming aquatic life. Suspended solids in the form of both cement and aggregate dust are also generated from both fresh and demolished concrete waste.

Current Unacceptable Waste Concrete Disposal Practices

- ☐ Dumping in vacant areas on the job-site
- ☐ Illicit dumping off-jobsite
- ☐ Dumping into ditches or drainage facilities

Recommended Disposal Practices

- ☐ Avoid unacceptable disposal practices listed above.
- ☐ Develop pre-determined, safe concrete disposal areas.
- ☐ Provide a washout area with a minimum of 6 cubic feet of containment area volume for every 10 cubic yards of concrete poured.
- ☐ Never dump waste concrete illicitly or without property owners knowledge and consent.
- ☐ Treat runoff from storage areas through the use of structural controls as required.

Education

- ☐ Drivers and equipment operators should be instructed on proper disposal and equipment washing practices (see above).
- ☐ Supervisors must be made aware of the potential environmental consequences of improperly handled concrete waste.

Enforcement

- ☐ The construction site manager or foreman must ensure that employees and pre-mix companies follow proper procedures for concrete disposal and equipment washing.
- ☐ Employees violating disposal or equipment cleaning directives must be re-educated or disciplined if necessary.

Demolition Practices

- ☐ Monitor weather and wind direction to ensure concrete dust is not entering drainage structures and surface waters.
- ☐ Where appropriate, construct sediment traps or other types of sediment detention devices downstream of demolition activities.

Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- Temporary Stabilization
- Permanent Stabilization
- **Waste Management**
- **Housekeeping Practices**

Targeted Constituents

- ○ Sediment
- ○ Nutrients
- ○ Toxic Materials
- ○ Oil & Grease
- ○ Floatable Materials
- ● Other Construction Wastes

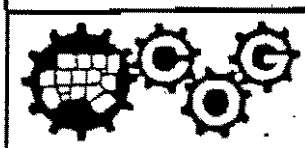
Implementation Requirements

- ◒ Capital Costs
- ◒ Maintenance
- ◒ Training
- ○ Suitability for Slopes >5%

Legend

- ● Significant Impact
- ◒ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

W-3



North Central Texas Council of Governments

Concrete Waste Management

Requirements

- ☐ Use pre-determined disposal sites for waste concrete.
- ☐ Prohibit dumping waste concrete anywhere but pre-determined areas.
- ☐ Assign pre-determined truck and equipment washing areas.
- ☐ Educate drivers and operators on proper disposal and equipment cleaning procedures.

Costs

- ☐ Minimal cost impact for training and monitoring.
- ☐ Concrete disposal cost depends on availability and distance to suitable disposal areas
- ☐ Additional costs involved in equipment washing could be significant.

LIMITATIONS

This concrete waste management program is one part of a comprehensive construction site waste management program.

Specification Section	N/A
Detail ID	N/A

TOWN OF ADDISON

CONSTRUCTION SPECIFICATIONS AND CONTRACT DOCUMENTS

NILE PROPERTIES DEMOLITION

Reviewed
SZC
6/27/01
Revised
7-10-01
JP

TOWN OF
ADDISON

HNTB Corporation
14114 Dallas Parkway, Suite 630
Dallas, TX 75240
June, 2001

PRELIMINARY – 95% COMPLETE SET

TABLE OF CONTENTS

SECTION AB

ADVERTISEMENT FOR BIDS

SECTION AB
ADVERTISEMENT FOR BIDS

1. Sealed bids addressed to the Town of Addison, Texas, for the Building Demolition, Pavement Removal, ~~and~~ Grading and restoration for the NILE PROPERTIES DEMOLITION for the Town of Addison, Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by HNTB Corporation, will be received at the office of Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until **2:00 p.m.** on the __th **day of** _____, **2001.** Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.

2. The contractor shall identify his bid on the outside of the envelope by writing the words NILE PROPERTIES DEMOLITION.

3. Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a ~~reliable~~ surety company licensed by the State of Texas to act as a Surety, or a Binder of Insurance executed by a surety company licensed by the State of Texas to act as a surety or its authorized agent as a guarantee that the bidder will enter into a contract and execute a Performance Bond within ~~three~~ ten (10) business days after notice of award of contract to him.

4. Plans, specifications and bidding documents may be secured beginning at 9:00 A.M. ___day, _____ __th, 2001 from Minok Suh Purchasing Coordinator; Finance Building, 5350 Belt Line Road, Addison, Texas. The first set will be available at no charge and any additional sets may be obtained for a non-refundable sum of $20.00 per set.

5. The right is reserved by the Mayor and the Town Council as the interest of the Town may require to reject any or all bids and to waive any informality in bids received.

6. The Bidder (Proposer) must supply all the information required by the Proposal Form.

7. A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond will be required by the Owner; each Bond shall be in the amount of 100% of the total contract amount. Bonds shall be issued by a surety company licensed by the State of Texas to act as a Surety. The performance and payment bonds shall name the Town of Addison as obligee (or such other entities as may be designated at the time a contract is executed).

8. For information on bidding or to secure bid documents, call Minok Suh, (972) 450-7091. For information on the work to be performed, call Steven Z. Chutchian, P.E., Assistant City Engineer, (972) 450-2886 or Jerry D. Holder, Jr., P.E., HNTB Corporation, (972) 661-5626.

9. This project consists of providing Building Demolition, Pavement Removal, ~~and~~ Grading and restoration as shown on the plans and in accordance with these specifications.

10. A Pre-Bid Meeting will be held at ___:00 p.m. on _____day, _____ ___th, 2001 at the Addison Service Center, 16801 Westgrove Drive, Addison, Texas 75001, 972-450-2871. All bidders are **required** to attend. **A one-hour tour of the building to be demolished will be conducted at this time to allow the contractors to evaluate the structure.**

SECTION IB

INSTRUCTION TO BIDDERS

and restoration

SECTION IB
INSTRUCTIONS TO BIDDERS

A. PROJECT: NILE PROPERTIES DEMOLITION, in the Town of Addison.

The bids will be evaluated as stated in Section "O" of the instructions to Bidders.

B. PROJECT DESCRIPTION: This project consists of Building Demolition, Pavement Removal, ~~and~~ Grading as shown on the plans and in accordance with these specifications.

C. PROPOSALS: Proposals must be in accordance with these instructions in order to receive consideration.

D. DOCUMENTS: Documents include the Bidding Requirements, including the Advertisement for Bids, these Instructions to Bidders, Proposal Forms, Contract Agreement, General Provisions, Special Provisions, Technical Specifications, Drawings, and Addenda which may be issued by the Consultant during the bidding period. Bidding Documents may be viewed and/or obtained under the terms and conditions set forth in the Advertisement for Bids, Section AB of this Project Manual.

E. EXAMINATION OF DOCUMENTS AND SITE: Bidders shall carefully examine the Bidding Documents and the construction site to obtain first-hand knowledge of the scope and the conditions of the Work. Each Contractor, Subcontractor and Sub-subcontractor, by submitting a proposal to perform any portion of the Work, represents and warrants that he has examined the Drawings, Specifications (Project Manual) and the site of the Work, and from his own investigation has satisfied himself as to the scope, accessibility, nature and location of the Work; the character of the equipment and other facilities needed for the performance of the Work; the character and extent of other work to be performed; the local conditions; labor availability, practices and jurisdictions and other circumstances that may affect the performance of the Work. No additional compensation will be allowed by the Owner for the failure of such Contractor, Subcontractor or Sub-subcontractor to inform himself as to conditions affecting the Work.

F. INTERPRETATION OF DOCUMENTS: If any person contemplating submitting a bid for the proposed Contract is in doubt as to the meaning of any part of the Drawings, Specifications (Project Manual) or other proposed Contract Documents, he may submit to the Consultant, not later than seven (7) calendar days prior to the date set for opening bids, a written request for an interpretation or clarification. Bidders should act promptly and allow sufficient time for a reply to reach them before preparing their bids. Any interpretation or clarification will be in the form of an Addendum duly issued. No alleged verbal interpretation or ruling will be held binding upon the Owner.

G. SUBSTITUTIONS: Conditions governing the submission of substitutions for specific materials, products, equipment and processes are in the Special Provisions. Requests for substitutions must be received by the Consultant seven (7) calendar days prior to the established bid date.

H. ADDENDA: Interpretations, clarifications, additions, deletions and modifications to the Documents during the bidding period will be issued in the form of Addenda and a copy of such Addenda will be mailed, faxed or delivered to each person who has been issued a set of the Bidding Documents. Addenda will be a part of the Bidding Documents and the Contract

Town does not pay taxes — "Tax exempt"

Documents, and receipt of them shall be acknowledged in the Bid Form. All such interpretations and supplemental instructions will be in the form of written addenda to the contract documents which, if issued, will be sent by telegram, certified or registered mail, or hand delivered to all prospective bidders (at the respective addresses furnished for such purposes) not later than three (3) calendar days prior to the date fixed for the opening of bids. If any bidder fails to acknowledge the receipt of such addenda in the space provided in the bid form, his bid will nevertheless be construed as though the receipt of such addenda had been acknowledged.

I. **COMPLETION TIME:** A reasonable completion time has been established by the Owner and is described in more detail in Section 'Q'- CONSTRUCTION SCHEDULE.

J. **PREPARATION OF BIDS:** Prices quoted shall include all items of cost, expense, taxes, fees and charges incurred by, or arising out of, the performance of the work to be performed under the Contract. Bids shall be submitted in duplicate and shall be signed in ink. Any bid on other than the required form will be considered informal and may be rejected. Erasures or other changes in a bid must be explained or noted over the initials of the bidder. Bids containing any conditions, omissions, unexplained erasures and alterations, or irregularities of any kind may be rejected as informal. The prices should be expressed in words and figures or they may be deemed informal and may be rejected. In case of discrepancy between the prices written in the bid and those given in the figures, the price in writing will be considered as the bid. Failure to submit all requested information will make a bid irregular and subject to rejection. Bids shall be signed with name typed or printed below signature, and, if a partnership, give full name of all partners. Where bidder is a corporation, bids must be signed with the legal name of the corporation followed by the name of the state of incorporation and the legal signature of an officer authorized to bind the corporation to a contract.

K. **SUBMITTAL OF BIDS:** Sealed proposals will be received at the time, date and place stated in the Advertisement for Bids. Proposals shall be made on unaltered Proposal Forms furnished by the Consultant. Submit proposal in an opaque, sealed envelope addressed to the Owner and plainly mark on the outside of the envelope the project name, and the name and address of the bidder. The envelopes shall be marked with the following project names:

Nile Properties Demolition

The Bid Bond must be completed and signed by each bidder and submitted with the bid. Submit Bids by mail or in person prior to the time for receiving bids set forth in the Advertisement for Bids issued by the Town.

L. **MODIFICATION AND WITHDRAWAL OF BIDS:** Prior to the time set for bid opening, bids may be withdrawn or modified. Bids may be modified only on the official bid form and must be signed by a person legally empowered to bind the bidder. No bidder shall modify, withdraw or cancel his bid or any part thereof for sixty (60) calendar days after the time agreed upon for the receipt of bids.

M. **DISQUALIFICATION:** The Owner reserves the right to disqualify proposals, before or after the opening, upon evidence of collusion with intent to defraud or other illegal practices relating to this proposal upon the part of the bidder.

3 days not enough time to get bonds, etc
10 days OK

N. SUBMISSION OF POST-BID INFORMATION: Upon notification of acceptance, the selected bidder shall, within five (5) calendar days, submit the following:

1. A designation of the portions of the Work proposed to be performed by the bidder with his own force.

2. A list of names of the subcontractors or other persons or organizations, including those who are to furnish materials and equipment fabricated to a special design proposed for such portions of the Work as may be designated in the Bidding Documents or as may be requested by the Consultant. The bidder will be required to establish to the satisfaction of the Owner and the Consultant the reliability and responsibility of the proposed Subcontractors and suppliers to furnish and perform the Work.

O. AWARD: The Owner reserves the right to accept any or to reject any bids without compensation to bidders and to waive irregularities and informalities.

The Consultant, in making his recommendation, will consider the following elements:

1. Whether the bidder is a contractor with experience in the type of work involved.
2. Whether the bidder has adequate plant, equipment and personnel to perform the work properly and expeditiously.
3. Whether the bidder has a suitable financial status and reputation for meeting obligations incident to work of the kind specified.

Alternate items may or may not be awarded. Addition or deletion of other items or schedules will be governed by NCTCOG, Item 1.37 "Change or Modification of Contract".

P. EXECUTION OF THE CONTRACT: The successful bidder will be required to enter into a contract with the Owner within three (3) business ~~[Instructions To Bidders Item "P" says 10 days]~~ days of notice by the Owner that his bid has been accepted. Failure to enter into a contract within the established time limit shall be considered grounds for forfeiture of the bid bond.

Q. CONSTRUCTION SCHEDULE: It is the Owner's desire to have the project completed ~~and operational~~ in as short a time as possible. The number of calendar days for completion of the project will begin with the date specified in the Notice to Proceed. The Notice to Proceed will be issued in a manner to facilitate a smooth construction of the project. The Contractor shall begin construction within five (5) calendar days of the issuance of the Notice to Proceed."

In no instance shall the number of calendar days for completion of the work measured from the 'Notice To Proceed' exceed 75 calendar days.

R. LIQUIDATED DAMAGES: The time of completion is of the essence for this contract. Not withstanding any other provision of the Documents comprising the construction contract for the Nile Properties Demolition project, for each calendar day that any work shall remain uncompleted after the time specified as described in the "Instruction To Bidders, Section "Q", Construction Schedule", proposal and the contract, or the increased time granted by the Owner, or as equitably increased by additional work or materials ordered after the contract is

signed, the sum per day given in the following schedule shall be deducted from the monies due the Contractor:

$500 per Calendar Day

The sum of money thus deducted for such delay, failure or non-completion is not to be considered as a penalty, but shall be deemed, taken and treated as reasonable liquidated damages, per calendar day that the Contractor shall be in default after the time stipulated in the contract for completing the work. The said amounts are fixed and agreed upon by and between Owner and Contractor because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the Owner in such event would sustain; and said amounts are agreed to be the amounts of damages which the Owner would sustain and which shall be retained from the monies due, or that may become due, the Contractor under this contract; and if said monies be insufficient to cover the amount owing, then the Contractor or his surety shall immediately pay any additional amounts due. If the Contractor finds it impossible, for reasons beyond his control, to complete the work within the contract time as specified, the Contractor may make a written request for an extension of time in accordance with the General Provisions. In the case of any conflict, the terms of this paragraph regarding liquidated damages shall control.

S. **FORM OF CONTRACT:** The contract for the construction of the project will be drawn up by the Owner. A sample form of agreement is included in the Contract Agreement Section.

T. **BONDS:** A Performance Bond, a Labor and Material Payment Bond and a Maintenance Bond will be required by the Owner. The performance and payment bonds shall name the Town of Addison, and others as directed by the Town, as joint obligees. Sample forms have been included in the Performance Bond, Payment Bond and Maintenance Bond sections. (Contractor shall confirm the legal names of obligees prior to execution of Bonds.)

U. **BID SECURITY:** Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed to do business in the State of Texas as a guarantee that the bidder will enter into a contract and execute a Performance Bond and Payment Bond within ten (10) calendar days after notice of award of contract to him. Such checks or bid bonds will be returned to all except the three lowest bidders within three (3) days after the opening of bids, and the remaining checks or bid bonds will be returned promptly after the Owner has made an award of contract, or, if no award has been made within thirty (30) calendar days after the date of the opening of bids, upon demand of the bidder at any time thereafter, so long as he has not been notified of the acceptance of his bid.

V. **RESOLUTIONS:** If the bidder is a corporation, a copy of the resolution empowering the person submitting the bid to bind the bidder must be included with the bid.

W. **CONSTRUCTION STAKING:** Construction staking will not be provided by the Owner. Benchmarks and Horizontal Control are shown on the plans. There is no separate bid item for staking, therefore, the contractor must include value for staking in his bid.

X. **FINAL PAYMENT:** The general provisions for Final Payment shall be as stated in Item 1.51.4 of the North Central Texas Standard Specifications for Public Works Construction (3rd Edition) including all Amendments and Additions. Prior to final payment the Contractor shall provide the Owner with the following items:

1. A Contractor's Affidavit of Bills Paid in accordance with Section BP.

2. A Consent of Surety Company to Final Payment.

3. A complete set of record plans which indicate all construction variations from the original construction documents in accordance with Item 5 of the Special Provisions.

4. A two (2) year Maintenance Bond in accordance with Section MB.

Y. PREVAILING WAGE RATES: Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached in the Special Provisions.

1 year OK?

SECTION PF

PROPOSAL FORM

SECTION PF
PROPOSAL FORM

_____, 20___

TO: The Honorable Mayor and Town Council
Town of Addison, Texas

Gentlemen:

The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:

Signed By: _____

ACKNOWLEDGEMENT OF ADDENDA:

The Bidder acknowledges receipt of the following addenda:

Addendum No. 1 Dated: _____

Addendum No. 2 Dated: _____

Addendum No. 3 Dated: _____

Addendum No. 4 Dated: _____

Addendum No. 5 Dated: _____

Addendum No. 6 Dated: _____

PROPOSAL FORM

Place _____

Date _____

Proposal of _____,a Corporation

organized and existing under the laws of the State of _____.

OR

Proposal of _____,

a partnership consisting of

and _____.

OR

Proposal of _____,

an individual trading as _____.

TO: Town of Addison, Texas

Sealed bids addressed to the Town of Addison, Texas, for the Building Demolition, Pavement Removal, and Grading for the NILE PROPERTIES DEMOLITION for the Town of Addison, Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by HNTB Corporation, will be received at the office of Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until **2:00 p.m.** on the __th **day of _____, 2001.** Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.

The undersigned Bidder, having visited the site of the work, having examined the Plans and Specifications, and other Contract Documents, including all Addenda, and being familiar with all of the conditions relating to the proposed project, hereby proposes to furnish all material, supplies, equipment, and appliances specified for the project and to furnish all labor, tools, equipment and incidentals to complete the work in accordance with the Specifications, and other Contract Documents at and for the following lump sum price:

COMPLETED PROJECT: **$**_____

WRITTEN IN WORDS: _____

The undersigned Bidder agrees to begin work within five (5) calendar days after the Notice to Proceed is issued and complete the work within seventy-five (75) calendar days.

The undersigned Bidder agrees that this bid may not be withdrawn for a period of sixty (60) days after the opening of the bids.

In submitting this bid, it is understood by the undersigned Bidder that the right is reserved by the Town of Addison to reject any and all bids.

_____

Name of Bidder

By: _____

(Signature)

_____

(Print Name and Title)

Witness: _____

(Signature)

_____

(Office Address of Bidder)

Bidder's Tax I.D. No. or Employer No. _____

SEAL (If Bidder is a Corporation)

NOTES: Sign in ink. Do not detach.

SECTION CA

CONTRACT AGREEMENT

SECTION CA
CONTRACT AGREEMENT

Remove Substantial Per Steve C.

STATE OF TEXAS

COUNTY OF DALLAS

THIS AGREEMENT is made and entered into this ____ day of _____, 20___, by and between the Town of Addison, of the County of Dallas and State of Texas, acting through its Mayor, thereunto duly authorized so to do, Party of the First Part, hereinafter termed the OWNER, and _____, of the City of _____, County of _____, State of _____, Party of the Second Part, hereinafter termed CONTRACTOR.

WITNESSETH: That for and in consideration of the payment and agreement hereinafter mentioned, to be made and performed by the OWNER, the said CONTRACTOR hereby agrees with the said OWNER to commence and complete construction of certain improvements as follows:

Nile Properties Demolition

and all extra work in connection therewith, under the terms as stated in the General and Specific Provisions of the AGREEMENT; and at his own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance and other accessories and services necessary to complete the said construction, in accordance with the conditions and prices stated in the Proposal attached hereto and in accordance with the Advertisement for Bids. Instructions to Bidders, General Provisions. Special Provisions. Plans, and other drawings and printed or written explanatory matter thereof, and the Technical Specifications and Addenda thereto, as prepared by the OWNER, each of which has been identified by the endorsement of the CONTRACTOR and the OWNER thereon, together with the CONTRACTOR's written Proposal and the General Provisions, all of which are made a part hereof and collectively evidence and constitute the entire AGREEMENT.

10

The CONTRACTOR hereby agrees to commence work within five (5) calendar days after the date of written notice to do so shall have been given to him, and to substantially complete the work within 50 calendar days after he commences work ~~and to complete all work within 75 days after he commences work~~ subject to such extensions of time as are provided by the General Provisions.

The OWNER agrees to pay the CONTRACTOR $_____ in current funds for the performance of the Contract in accordance with the Proposal submitted thereof, subject to

additions and deductions, as provided in the General Provisions, and to make payments of account thereof as provided therein.

IN WITNESS THEREOF, the parties of these presents have executed this AGREEMENT in the year and day first above written.

TOWN OF ADDISON
(OWNER)

ATTEST:

BY:_____

_____
City Secretary

_____
Party of the Second Part
(CONTRACTOR)

ATTEST:

_____

By:_____

The following to be executed if the CONTRACTOR is a corporation:

I, _____, certify that I am the secretary of the corporation named as CONTRACTOR herein; that _____, who signed this Contract on behalf of the CONTRACTOR is the _____ of said corporation; that said Niles Properties Demolition Contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporate powers.

Signed:_____

Corporate Seal

SECTION PrB

PERFORMANCE BOND

SECTION PrB
PERFORMANCE BOND

STATE OF TEXAS

COUNTY OF DALLAS Date Bond Executed:_____

PRINCIPAL:_____

SURETY:_____

PENAL SUM OF BOND (express in words and figures):_____

_____

DATE OF CONTRACT: _____

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of said Contract during the original term of said Contract and any extension thereof that may be granted by the OWNER, with or without notice to the SURETY, and during the life of any guaranty required under the Contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications of said SURETY being hereby waived, then this obligation to be void, otherwise in full force and effect.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL

_____
CONTRACTOR

By: _____

Address: _____

_____

WITNESS _____

SEAL

ATTEST: _____

_____
SURETY

By: _____

Address: _____

_____

Title: _____

(Surety to Attach Power of Attorney)

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the secretary of the corporation named as PRINCIPAL in the within bond that _____, who signed the said bond on behalf of the PRINCIPAL, is the _____ said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said corporation by authority of its governing body.

_____
(Corporate Seal)

SECTION PyB

PAYMENT BOND

SECTION PyB
PAYMENT BOND

STATE OF TEXAS

COUNTY OF DALLAS Date Bond Executed:_____

PRINCIPAL:_____

SURETY:_____

PENAL SUM OF BOND (express in words and figures):_____

_____

DATE OF CONTRACT: _____

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall promptly make payment to all persons supplying labor and materials in the prosecution of the work provided for in said Contract, and any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications to the SURETY being hereby waived, then this obligation to be void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL

_____
CONTRACTOR

By: _____

Address: _____

WITNESS _____ _____

SEAL

ATTEST: _____ _____
SURETY

By: _____

Address: _____

_____

Title: _____

(Surety to Attach Power of Attorney)

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the secretary of the corporation named as PRINCIPAL in the within bond that _____, who signed the said bond on behalf of the PRINCIPAL, is the _____ said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said corporation by authority of its governing body.

_____
(Corporate Seal)

SECTION MB

MAINTENANCE BOND

SECTION MB
MAINTENANCE BOND

STATE OF TEXAS

COUNTY OF DALLAS

That _____ as principal and _____ _____, a corporation organized under the laws of _____ and _____ _____ as sureties, said sureties being authorized to do business in the State of Texas, do hereby expressly acknowledge themselves to be held and bound to pay unto the Town of Addison, Texas, a duly incorporated home rule municipal corporation under the laws of the State of Texas, the sum of

_____

_____

_____

($_____) for the payment of which sum will and truly to be made unto said Town of Addison and its successors, said principal and sureties do hereby bind themselves, their assigns and successors, jointly and severally.

This obligation is conditioned, however, that whereas said:

_____

has this day entered into a written contract with the said Town of Addison to build and construct the

_____

_____

_____

_____

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of two (2) years from the date of acceptance, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation. and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract; planting materials (trees, shrubs, ground cover, grasses and perennials) and the completed irrigation system will be warranted for one (1) year from the time of final completion and acceptance by the Town of Addison.

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of two (2) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive breaches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

IN WITNESS WHEREOF, the said _____ has caused these presents to be executed by _____ and the said _____ has hereunto set his hand this the _____ day of _____, 20___.

SURETY

_____

_____

By: _____
Attorney in Fact

PRINCIPAL

_____

By: _____

ATTEST

By: _____
Surety

_____
Secretary

_____

_____

Agency and Address

NOTE: Date of Maintenance Bond must not be prior to date of Contract.

SECTION BP

CONTRACTOR'S AFFIDAVIT OF BILLS PAID

SECTION BP
CONTRACTOR'S AFFIDAVIT OF BILLS PAID

STATE OF TEXAS

COUNTY OF DALLAS

Personally, before me the undersigned authority, on this day appeared _____ who, being duly sworn, on oath, says that he is a legal representative of _____
(full name of Contractor as in contract)

and that the contract for the construction of the project, designated as

_____
(Project No.)

_____

_____

has been satisfactorily completed and that all bills for materials, apparatus, fixtures, machinery and labor used in connection with the construction of this project have, to the best of my knowledge and belief, been fully paid.

_____
Signature

_____
Title

Sworn to and subscribed before me this ___ day of _____, 20___.

_____
Notary Public in and for

_____County, Texas

Instructions:

If the contractor is an individual, he shall sign the affidavit. If the contractor is a partnership, any partner may sign the affidavit. If the contractor is a corporation, a person authorized by the by-laws or by the Board of Directors shall sign the affidavit. If the Contractor is a joint-venture of individuals, any of the individuals may sign the affidavit. If the Contractor is a joint-venture of partnerships, or of individuals and partnerships, the affidavit may be signed by the individual or any partner of any partnership. If the contractor is a joint-venture in which a corporation is a party, separate affidavits must be executed in the name of the joint-venture: one by each corporation and one by each individual or partnership. Signatures for corporations should be by a duly authorized officer. If signature is by another, a showing of authority to sign must accompany the affidavit.

SECTION GP

GENERAL PROVISIONS

GENERAL PROVISIONS

1. The General Provisions of the Contract shall be as stated in the Standard Specifications for Public Work Construction, North Central Texas Council of Governments (3rd Edition), under Part I, "General Provisions", Items 1.0 through 1.63 inclusive, as amended or supplemented and except as modified by the Special Provisions.

SECTION SP

SPECIAL PROVISIONS

SECTION SP
SPECIAL PROVISIONS

1. OWNER

The Town of Addison, herein referred to as Owner, party of the First Part of these Contract Documents, or as may be otherwise established through assignment of the contract.

2. ENGINEER

HNTB Corporation, Engineer of the Owner, or other representative as may be authorized by said Owner to act in any particular position.

3. FORMS, PLANS AND SPECIFICATIONS

MS.

Forms of Proposal, Contract, Bonds and Plans may be obtained from the office of Mr. Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas.

4. COPIES OF PLANS FURNISHED

Three (3) sets of Plans shall be furnished to the Contractor, at no charge, for construction purposes. Additional copies may be obtained at cost of reproduction upon request.

5. PRODUCT RECORD DOCUMENTS

Maintenance of Documents. The Contractor shall maintain at the job site one record copy of the Contract Drawings, Specifications, Shop Drawings, Change Orders, other modification to the Contract, field test records and other documents submitted by Contractor in compliance with specification requirements. These documents shall be maintained at the job site apart from documents used for construction. These documents are not to be used for construction purposes. The documents shall be maintained in clean, legible condition. The documents shall be made available at all times for inspection by the Owner.

Recording. Each document shall be labeled Project Record Copy in 2-inch high printed letters. The record documents shall be kept current. No work shall be covered until required information has been recorded.

Contract Drawings. The appropriate drawing shall be legibly marked to record, where applicable:

a. Horizontal and vertical location of underground utilities and appurtenances referenced to permanent surface improvements.

b. Field changes of dimension and detail made during construction process.

c. Changes made by Change Order or Supplemental Agreement.

d. Details not on original Contract Drawings.

e. Changes made by Change Order or Supplemental Agreement.

f. Other matters not originally specified.

Shop Drawing. The Contractor shall maintain the Shop Drawings as record drawings and legibly annotate shop drawings to record changes made after review. A red felt-tip marking pen shall be used for all recording.

Submittal. At the completion of the project, the Contractor shall deliver record drawings to the Owner. The transmittal letter shall be accompanied, in duplicate, with:

a. Date, project title and number.

b. Contractor's name and address.

c. Title and number of each record document.

d. Certification that each document as submitted is complete and accurate.

e. Signature of Contractor or his authorized representative.

6. HORIZONTAL AND VERTICAL SURVEY CONTROL

The Contractor will be responsible for horizontal and vertical survey control for this project. Benchmarks coordinates are provided on the plans.

7. PERMITS. LICENSES. AND REGULATIONS

Permits and licenses of a temporary nature necessary for the prosecution of the Work shall be secured and paid for by the Contractor. Permits, licenses and easements for permanent structures or permanent changes in existing facilities shall be secured and paid for by the Owner, unless otherwise specified. If the Contractor observes that the Drawings and Specifications are at variance therewith, he shall promptly notify the Engineer in writing, and any necessary changes shall be adjusted as provided in the Contract for changes in Work. The Contractor shall comply with all federal, state and local laws, rules and regulations of every kind and nature applicable to the performance of its Work hereunder, and shall hold the Owner harmless therefrom.

8. REFERENCE SPECIFICATIONS

Where reference is made to specifications compiled by others, such are hereby made a part of these Specifications.

9. REVIEW OF WORK

The Owner and his representatives shall have the right to review the Work while such Work is in progress to ascertain that the Work is being accomplished in compliance with the standards and requirements set forth in the Contract Documents. It is also contemplated that similar review will be conducted by governmental inspectors. Notwithstanding such review, the Contractor will be held responsible for the finished Work, and any acceptance of the Work by the Owner or governmental agencies will not relieve the Contractor from responsibility for the Work. The Owner reserves the right to place full-time construction observers at the site of the Work.

The Owner and his representatives shall at all times have access to the Work whenever it is in preparation or progress, and the Contractor shall provide proper facilities for such access, and for review.

If the Specifications, the Owner's instructions, laws, ordinances, or any public authority require any Work to be specially tested, the Contractor shall give the Owner timely notice of its readiness for testing, and if the testing is by an authority other than the Owner, of the date fixed for such testing. Tests by the Owner shall be made promptly, and where practicable at the source of supply.

Re-examination of any Work may be ordered by the Owner, and, if so ordered, the Work must be uncovered by the Contractor. If such Work is found to be in accordance with the Contract Documents, the Owner shall pay the cost of re-examination and replacement. If such Work is not in accordance with the Contract Documents, the Contractor shall pay such cost.

10. INSPECTION

Notwithstanding the foregoing, the Town of Addison reserves the right to inspect, test, measure or verify the construction work for this project as the Town deems necessary.

11. SCOPE OF WORK

The Work for this Project consists of furnishing all materials, labor, equipment, tools and incidentals necessary to perform, in accordance with the Plans and Specifications, the proposed Niles Properties Demolition project.

12. PROPERTY LINES AND MONUMENTS

All property corners, control monumentations, construction and survey stakes and marks shall be carefully preserved by the Contractor, and in case of careless destruction or removal by Contractor or his employees, such stakes or marks shall be replaced at the Contractor's expense as required by the Owner.

13. DISCREPANCIES

If the Contractor, in the course of the Work, finds any discrepancy between the Contract Documents and the physical conditions of the locality, or any errors or omissions in drawings or in the layout as given by survey points and instructions, or if it appears that any Plan, Specification or other Contract Document is or may be not in compliance with any building code or other requirement of any governmental body, he shall immediately inform the Owner in writing, and the Owner shall promptly verify the same. Any Work done after such discovery, until authorized, will be done at the Contractor's risk.

14. TIME ALLOTTED FOR COMPLETION

All items of Work included under these contracts shall be completed within the time stipulated in the Instruction To Bidders. The time shall commence on the date specified in the Notice to Proceed. The Notice to Proceed shall consist of a written request by the Owner for the Contractor to proceed with construction of the Project.

15. EXISTING STRUCTURES

The Plans show the location of all known surface and subsurface structures. However, the Owner assumes no responsibility for failure to show any or all of these structures on the Plans, or to show them in their exact location. It is mutually agreed that such failure shall not be considered sufficient basis for claims for additional compensation or extra work or for increasing the pay quantities in any manner whatsoever, unless the obstruction encountered is such as to necessitate changes in the lines or grades, or require the building of special work, provisions for which are not made in the Plans and Proposal, in which case the provisions in these Specifications for extra work shall apply.

16. EXISTING UTILITIES AND SERVICE LINES

The Contractor shall contact all the utility companies which have facilities in the vicinity of the proposed improvements to confirm the horizontal and vertical locations of their respective facilities prior to commencing work. Where a conflict with the proposed improvements is encountered, the Contractor shall notify the Engineer immediately prior to proceeding with the work.

The Contractor shall be responsible for the protection of all existing utilities or service lines crossed or exposed by his construction operation. Where existing utilities or service lines are cut, broken or damaged, the Contractor shall replace the utilities or service lines with the same type of original construction, or better, at his own cost and expense. All replacement, backfill and compaction shall be accomplished in strict accordance with the requirements of the owner of the utility or service line.

17. PUBLIC UTILITIES AND OTHER PROPERTY TO BE CHANGED

In case it is necessary to change or move the property of any owner or of a public utility, such property shall not be moved or interfered with until authorized by the utility company and approved by the Owner. The right is reserved to the owner of public utilities to enter upon the limits of the Project for the purpose of making such changes or repairs of this contract.

18. LIGHTS AND POWER

The Contractor shall provide, at his own expense, temporary lighting and power facilities required for the proper execution of the Work.

19. PERMITS AND RIGHTS-OF-WAY

The Owner will provide rights-of-way for the purpose of construction without cost to the Contractor by securing permits in areas of public dedication or by obtaining easements across privately-owned property. It shall be the responsibility of the Contractor, prior to the initiation of construction on easements through private property, to inform the property

owner of his intent to begin construction. Before beginning construction in areas of public dedication, the Contractor shall inform the agency having jurisdiction in the area forty-eight (48) hours prior to initiation of the Work. The Contractor shall obtain a right-of-way permit from the Town of Addison.

20. PRECONSTRUCTION CONFERENCE

The successful Contractor(s) and Owner shall meet at the call of the Owner on this Project. Prior to the meeting, the Contractor(s) shall prepare schedules showing the sequencing and progress of their work and its effect on others. These schedules shall be delivered to the Owner in advance of the meeting for his review. The general nature of the work, materials used, and methods of construction as well as the schedules will be discussed at the meeting. A final composite schedule will be prepared during this conference to allow an orderly sequence of project construction.

21. ADDENDA

Bidders desiring further information, or interpretation of the Plans and Specifications, must make written request for such information to the Engineer (not later than three (3) calendar days prior to the date set for the Bid opening). Answers to all such requests will be given in writing to all Bidders in addendum form and all addenda will be bound with and made a part of the Contract Documents. No other explanation or interpretation will be considered official or binding. Should a Bidder find discrepancies in, or omissions from, the Plans, Specifications or Contract Documents, or should he be in doubt as to their meaning, he shall at once notify the Engineer in writing in order that a written addendum may be sent to all Bidders.

22. WATER FOR CONSTRUCTION

The Contractor shall acquire a meter and make the necessary arrangements with the Town of Addison for securing and transporting all water required in the construction, including water required for mixing of concrete, sprinkling, testing or flushing. Water required for construction shall be paid for by the Contractor at the Town of Addison prevailing rates. There will be no separate pay item for connection into the existing water system and quantity of water required for construction purposes.

23. EXCAVATION

The Contractor shall exercise precautions to insure that drainage from adjacent properties is not blocked by his excavations.

24. CONTRACTOR'S BID

The Contractor's Bid shall be on a Lump Sum basis for construction of the Project as shown on the Plans and described in the Specifications.

25. OWNER'S STATUS

The Owner shall perform technical review of the Work. He shall also have authority to reject all Work and materials which do not conform to the Contract and to decide questions which arise in the execution of the Work.

26. OWNER'S DECISIONS

The Owner shall, within a reasonable time after their presentation to him, make decisions in writing on all claims of the Contractor and on all other matters relating to the execution and progress of the Work or the interpretation of the Contract Documents.

27. LANDS FOR WORK

The Owner shall provide as indicated on the Plans for this Project, the lands upon which the Work under this Contract is to be done, right-of-way for access to same, and such other lands which are designated on the Plans or in the Specifications for the use of the Contractor. Such lands and rights-of-way shall be adequate for the performance of the Contract. Should the Contractor be delayed as the result of lack of access, this shall be cause for an extension of time but not for additional cost.

The Contractor shall provide at his own expense and without liability to the Owner any additional land and access thereto that may be required for temporary construction facilities.

28. CLEANING UP

The Contractor shall remove at his own expense all temporary structures, rubbish and waste materials resulting from his operations. These requirements shall not apply to property used for permanent disposal of rubbish or waste materials in accordance with permission of such disposal granted to the Contractor by the Owner thereof.

29. LIQUIDATED DAMAGES FOR DELAY BY CONTRACTOR

The time of completion is of the essence in this contract. For each calendar day that any Work shall remain uncompleted after the time specified the contract, liquidated damages shall be deducted from the monies due the Contractor in the amount of $500.00 per day.

30. USE OF EXPLOSIVES

Use of explosives will not be allowed.

31. PROJECT MAINTENANCE

The Contractor shall maintain, and keep in good repair, the improvements covered by these Plans and Specifications during the life of his contract.

32. DISPOSAL OF WASTE AND SURPLUS EXCAVATION

All asphalt, concrete, rock or excavated material, or other debris or material shall be removed from the property and the Town of Addison. Any required disposal permits shall be the sole responsibility of the Contractor.

33. REMOVALS, ADJUSTMENTS AND REPLACEMENTS

Existing pavements, driveways, curbs, gutters, sidewalks, slabs, docks, etc., to be removed shall be broken up and disposed of. Care shall be exercised to leave a neat, uniform edge or joint at the excavation limits or sections removed where only portions are to be removed. The Owner will designate the limits to be removed. Where pavements, driveways, curbs,

gutters, sidewalks, etc., shall be replaced, then said replacements shall be to the standard of the previously removed portion or better.

Existing structures such as manholes, inlets, cleanouts, valve boxes, etc. which are not the property of a private firm or company, or an individual required to move their own property, shall be adjusted, altered or reset to the required elevation and alignment. New materials and workmanship necessary shall conform to the requirements of these Specifications covering the particular Work. Salvaged materials in good condition may be used in rebuilding such structures, provided the materials are thoroughly cleaned before their use.

All private obstructions which are indicated on the Plans to be moved, will be removed and replaced, or moved to new permanent locations by the Contractor, without additional payment to the Contractor. Any such additional item which the Contractor moves or causes to be moved for his own convenience shall be at his own expense.

34. TOWN OF ADDISON APPROVAL

This project is subject to final approval and acceptance by Town of Addison.

35. NOT USED

36. NOT USED

37. FINAL ACCEPTANCE OF WORK

Final acceptance of the Work is subject to final testing and approval of the Work by the Town of Addison.

38. WORK AREA

Contractor shall restrict his construction activity to the project site.

39. CONTRACTOR'S AFFIDAVIT OF BILLS PAID

The Contractor shall be required to execute the form provided in Section BP prior to the acceptance of the project.

40. PAY ITEMS

Final payment to the construction contractor shall not be made until all Work has been finally completed and verified in accordance with the construction contract, plans and specifications and have been finally accepted by the Town of Addison.

41. NOT USED

42. NOT USED

43. COMPLIANCE WITH GENERAL RULES AND LAWS

"Contractor shall familiarize himself with the nature and extent of the specifications, site conditions, safety requirements, and comply with all federal, state and local laws, ordinances, rules and regulations. Contractor shall determine how compliance with requirements, laws, rules, and regulations will affect his cost, progress or performance of the Work."

44. COMPLIANCE WITH IMMIGRATION LAWS

"Contractor shall take all steps necessary to ensure that all of the Contractor's employees are authorized to work in the United States as required by the Immigration Reform and Control Act of 1986."

45. RESOLUTION OF DISPUTES

The parties hereby covenant and agree that in the event of any controversy, dispute, or claim, of whatever nature arising out of, in connection with or in relation to the interpretation, performance or breach of this agreement, including but not limited to any claims based on contract, tort or statute, before filing a lawsuit, the parties agree to submit the matter to Alternative Dispute Resolution pursuant to the laws of the State of Texas. The parties shall select a third party arbitrator or mediator from the current list of neutrals on file with the Alternative Dispute Resolution Administrator of the Dallas County District Courts. All forms of Alternative Dispute Resolution may be used except binding arbitration. The proceedings shall be conducted in accordance with the laws of the State of Texas.

46. GENERAL SEQUENCE OF CONSTRUCTION

Prior to the start of work, the contractor shall develop a detailed construction schedule and sequence of construction, to be submitted to the Town of Addison for approval, that shall cause minimum interference with traffic along, across and adjacent to the project during construction. If the schedule or sequence becomes unworkable or unsatisfactory as work proceeds, adjustments shall be made.

Sidewalks and/or clear passage ways must be provided at all times for pedestrian traffic in the area.

Erosion control devices must be properly installed and maintained during all stages of construction.

47. NOT USED

Contractors Insurance ?

48. NOT USED

49. NOT USED

50. NOT USED

51. WORKERS' COMPENSATION INSURANCE COVERAGE

A. **Definitions.**

Certificate of Coverage ("certificate") - A copy of a certificate of insurance, a certificate of authority to self insure issued by the Texas Workers' Compensation Commission (the "TWCC"), or a coverage agreement (TWCC-81, TWCC-82, TWCC-83 or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project, for the duration of the project.

Duration of the Project - includes the time from the beginning of the work on the project until the Contractor's/person's work on the project has been completed and accepted by the governmental entity.

Persons Providing Services on the Project ("subcontractor" in Section 406.096 of the Texas Labor Code) - includes all persons or entities performing all or part of the services the Contractor has undertaken to perform on the project, regardless of whether that person contracted directly with the Contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity or employees of any entity which furnishes persons to provide services on the project. "Services" include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. "Services" does not include activities unrelated to the project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

B. The Contractor shall provide coverage, based on property reporting of classification codes and payroll amounts and filing of any coverage agreement, which meets the statutory requirements of Texas Labor Code, 401.011(44) for all employees of the Contractor providing services on the project, for the duration of the project.

C. The Contractor must provide a certificate of coverage to the Owner prior to being awarded the contract.

D. If the coverage period shown on the Contractor's current certificate of coverage ends during the duration of the project, the Contractor must, prior to the end of the coverage period, file a new certificate of coverage with the Owner, showing that the coverage has been extended.

E. The Contractor shall obtain from each person providing services on the project, and provide to the Owner:

(1) a certificate of coverage, prior to that person beginning work on the project, so that the Owner will have on file certificates of coverage showing coverage for all persons providing services on the project; and,

(2) no later than seven days after receipt by the Contractor, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;

F. The Contractor shall retain all required certificates of coverage on file for the duration of the project and for one year thereafter.

G. The Contractor shall notify the Owner in writing by certified mail or personal delivery, within 10 days after the Contractor knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project.

H. The Contractor shall post on each project site a notice, in the text, form and manner prescribed by the TWCC, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify current coverage and report failure to provide coverage.

I. The Contractor shall contractually require each person with whom it contracts to provide Services on a project to:

(1) provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas Labor Codes 401.011 (44) for all its employees providing services on the project, for the duration of the project;

(2) provide to the Contractor, prior to that person beginning work on the project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the project, for the duration of the project;

(3) provide the Contractor, prior to the end of the coverage period, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;

(4) obtain from each person with whom it contracts, and provide to the Contractor;

a. a certificate of coverage, prior to the other person beginning work on the project; and,

b. a new certificate of coverage showing extension of the coverage period, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the project.

(5) retain all required certificates of coverage on file for the duration of the project and for one year thereafter;

(6) notify the Owner in writing by certified mail or personal delivery, within 10 days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project; and

(7) contractually require each other person with whom it contracts to perform as required by paragraphs (1) - (7) with the certificate of coverage to be provided to the person for whom they are providing services.

J. By signing this contract or providing or causing to be provided a certificate of coverage, the Contractor is representing to the Owner that all employees of the Contractor who will provide services on the project will be covered by worker's compensation coverage for

the duration of the project, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the TWCC's Division of Self-Insurance Regulation. Providing false or misleading information may subject the Contractor to administrative penalties, criminal penalties, civil penalties or other civil actions.

K. The Contractor's failure to comply with any of these provisions is a breach of contract by the Contractor which entitles the Owner to declare the contract void if the Contractor does not remedy the breach within ten days after receipt of notice of breach from the Owner.

The following is the form of notice of workers' compensation coverage prescribed by the TWCC. Pursuant to Section 110.110 (d) (7), this notice must be printed with a title in at least 30-point bold type, and text in at least 19-point nominal type, and shall be in both English and Spanish and any other language common to the worker population.

REQUIRED WORKERS' COMPENSATION COVERAGE

"The law requires that each person working on this site or providing services related to this construction project must be covered by workers' compensation insurance. This includes persons providing, hauling or delivering equipment or materials, or providing labor or transportation or other service related to the project, regardless of the identity of their employer or status as an employee.

"Call the Texas Workers' Compensation Commission (TWCC) at (512) 440-3789 to receive further information on the legal requirements for coverage, to verify whether your employer has provided the required coverage, or to report an employer's failure to provide coverage."

53. PROJECT TRAILER

"The Owner will not provide the Contractor with a storage area or project trailer. The Contractor is responsible for providing his own storage at the project site. The Contractor will not be required to provide a job trailer for meetings, phone conversations and other day to day activities. Meetings can be held at the Town of Addison Service Center. Costs for the storage area shall be included in mobilization.

54. RESTRICTED WORK HOURS

Per the Town of Addison Building Regulations, "It shall be unlawful for a person, firm or corporation to excavate, erect, build, construct, alter, repair or demolish any building or structure which has been issued or which is required to be issued a building permit by the Town of Addison between the hours of 7:00 p.m. and 7:00 a.m. Monday through Friday, and between the hours of 7:00 p.m. and 8:00 a.m. on Saturday and Sunday, if such activity is performed within a residential, apartment, or townhouse zoned area, or within three hundred (300) feet of an occupied residence, except in cases of urgent necessity or in the interest of public safety and convenience, and then only by permit of the City Manager."

55. PREVAILING WAGE RATES

Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached hereto.

PREVAILING WAGE RATES

GENERAL DECISION **TX010045** 03/02/2001 TX45

Date: March 2, 2001
General Decision Number **TX010045**

Superseded General Decision No. TX000045

State: TEXAS

Construction Type:
HEAVY
HIGHWAY

County(ies):

COLLIN	GRAYSON	ROCKWALL
DALLAS	JOHNSON	TARRANT
DENTON	KAUFMAN	WICHITA
ELLIS	PARKER	

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS IN WICHITA COUNTY ONLY.

HIGHWAY CONSTRUCTION PROJECTS ONLY FOR REMAINING COUNTIES

Modification Number	Publication Date
0	03/02/2001

COUNTY(ies):

COLLIN	GRAYSON	ROCKWALL
DALLAS	JOHNSON	TARRANT
DENTON	KAUFMAN	WICHITA
ELLIS	PARKER	

SUTX2043A 03/26/1998

Rates	Fringes
AIR TOOL OPERATOR	$ 9.00
ASPHALT RAKER	9.55
ASPHALT SHOVELER	8.80
BATCHING PLANT WEIGHER	11.51
CARPENTER	10.30

CONCRETE FINISHER-PAVING	10.50
CONCRETE FINISHER-STRUCTURES	9.83
CONCRETE RUBBER	8.84
ELECTRICIAN	15.37
FLAGGER	7.55
FORM BUILDER-STRUCTURES	9.82
FORM LINER-PAVING & CURB	9.00
FORM SETTER-PAVING & CURB	9.24
FORM SETTER-STRUCTURES	9.09
LABORER-COMMON	7.32
LABORER-UTILITY	8.94
MECHANIC	12.68
OILER	10.17
SERVICER	9.41
PAINTER-STRUCTURES	11.00
PIPE LAYER	8.98
BLASTER	11.50
ASPHALT DISTRIBUTOR OPERATOR	10.29
ASPHALT PAVING MACHINE	10.30
BROOM OR SWEEPER OPERATOR	8.72
BULLDOZER	10.74
CONCRETE CURING MACHINE	9.25
CONCRETE FINISHING MACHINE	11.13
CONCRETE PAVING JOINT MACHINE	10.42
CONCRETE PAVING JOINT SEALER	9.00
CONCRETE PAVING SAW	10.39
CONCRETE PAVING SPREADER	10.50
SLIPFORM MACHINE OPERATOR	9.92
CRANE, CLAMSHELL, BACKHOE, DERRICK, DRAGLINE, SHOVEL	11.04
FOUNDATION DRILL OPERATOR CRAWLER MOUNTED	10.00
FOUNDATION DRILL OPERATOR TRUCK MOUNTED	11.83
FRONT END LOADER	9.96
MILLING MACHINE OPERATOR	8.62
MIXER	10.30
MOTOR GRADER OPERATOR FINE GRADE	11.97
MOTOR GRADE OPERATOR	10.96
PAVEMENT MARKING MACHINE	7.32
ROLLER, STEEL WHEEL PLANT-MIX PAVEMENTS	9.06
ROLLER, STEEL WHEEL OTHER FLATWHEEL OR TAMPING	8.59

ROLLER, PNEUMATIC, SELF-PROPELLED	8.48
SCRAPER	9.63
TRACTOR-CRAWLER TYPE	10.58
TRACTOR-PNEUMATIC	9.15
TRAVELING MIXER	8.83
WAGON-DRILL, BORING MACHINE	12.00
REINFORCING STEEL SETTER PAVING	13.21
REINFORCING STEEL SETTER STRUCTURES	13.31
STEEL WORKER-STRUCTURAL	14.80
SPREADER BOX OPERATOR	10.00
WORK ZONE BARRICADE	7.32
TRUCK DRIVER-SINGLE AXLE LIGHT	8.965
TRUCK DRIVER-SINGLE AXLE HEAVY	9.02
TRUCK DRIVER-TANDEM AXLE SEMI TRAILER	8.77
TRUCK DRIVER-LOWBOY/FLOAT	10.44
TRUCK DRIVER-TRANSIT MIX	9.47
TRUCK DRIVER-WINCH	9.00
VIBRATOR OPERATOR-HAND TYPE	7.32
WELDER	11.57

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- an existing published wage determination
- a survey underlying a wage determination
- a Wage and Hour Division letter setting forth a position on a wage determination matter
- a conformance (additional classification and rate)

ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

SECTION T

TECHNICAL SPECIFICATIONS

SECTION 02221 BUILDING DEMOLITION

BSID

we have General Provisions and Special 11

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

Special Provisions

A. Drawings and general provisions of the Contract, including ~~General and Supplementary~~ Conditions and ~~Division 1 Specification Sections~~, apply to this Section.

we don't have this

1.2 SUMMARY

A. This Section includes the following:
   1. Demolition and removal of buildings and structures.
   2. Demolition and removal of site improvements adjacent to a building or structure to be demolished.
   3. Removing below-grade construction.
   4. Disconnecting, capping or sealing, and abandoning in place site utilities.

1.3 DEFINITIONS

A. Remove: Detach items from existing construction and legally dispose of them off-site unless indicated to be removed and salvaged or recycled.

B. Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or recycled.

1.4 MATERIALS OWNERSHIP

A. Contractor shall assume ownership of all building materials on the site. It shall be the Contractor's responsibility to remove building, sign, utility, and paving items from the site.

should be part of the bidding process

1.5 SUBMITTALS

A. Demolition Firm Qualifications: Demolition Contractor shall provide names, addresses and phone numbers for references associated with at least three building demolitions conducted in the last five years.

B. Proposed Environmental-Protection, Dust-Control and Noise-Control Measures: Submit statement or drawing that indicates the measures proposed for use, proposed locations, and proposed time frame for their operation for approval. Show any measures necessary for protection of trees, foliage or nearby structures.

C. Schedule of Building Demolition Activities: Indicate the following:
   1. Detailed sequence of demolition and removal work, with starting and ending dates for each activity.
   2. Coordination for shutoff, capping, and continuation of utility services.

D. Landfill Records: Indicate receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes, if applicable.

E. Statement of Refrigerant Recovery: Signed by refrigerant recovery technician responsible for recovering refrigerant, stating that all refrigerant that was present was recovered and that recovery was performed according to EPA regulations. Include name and address of technician and date refrigerant was recovered.

1.6 QUALITY ASSURANCE

A. Demolition Firm Qualifications: An experienced firm that has specialized in demolition work similar in material and extent to that indicated for this Project. A minimum of three successful building demolition projects must have been completed and references for each project must be available.

B. Refrigerant Recovery Technician Qualifications: Certified by EPA-approved certification program.

C. Regulatory Requirements: Comply with governing EPA notification regulations before beginning demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.

D. Standards: Comply with ANSI A10.6 and NFPA 241.

E. Predemolition Conference: Conduct conference at Project site to demonstrate compliance with requirements in the Plans and Specifications. Review methods and procedures related to building demolition including, but not limited to, the following:
   1. Inspect and discuss condition of construction to be demolished.
   2. Review and finalize building demolition schedule and verify availability of demolition personnel, equipment, and facilities needed to make progress and avoid delays.
   3. Review and finalize protection requirements.

1.7 PROJECT CONDITIONS

A. Buildings to be demolished will be vacated and their use discontinued before start of Work.

B. Owner gives no indication as to the thickness of any pavements, slabs, docks, or other structural items. It is the responsibility of the Contractor to make his own determinations based on the pre-bid site visit.

C. Owner assumes no responsibility for buildings and structures to be demolished.
   1. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.

D. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.
   1. If materials suspected of containing hazardous materials are encountered, do not disturb; immediately notify Owner and Engineer. Hazardous materials will be removed by Owner under a separate contract.

E. Storage or sale of removed items or materials on-site is not permitted.

do we have any? YES

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

A. Survey existing conditions and correlate with requirements indicated to determine extent of building demolition required.

B. Review Project Record Documents of existing construction provided by Owner. Owner does not guarantee that existing conditions are the same as those indicated in Project Record Documents.

C. When unanticipated mechanical, electrical, or structural elements are encountered, investigate and measure the nature and extent of the element. Promptly submit a written report to Engineer.

D. Verify that any known hazardous materials have been remediated before proceeding with building demolition operations.

except as noted on the plans

3.2 PREPARATION

A. Refrigerant: Remove and store refrigerant according to 40 CFR 82 and regulations of authorities having jurisdiction.

B. Existing Utilities: Locate, identify, disconnect, and seal or cap off indicated utilities serving buildings and structures to be demolished. ~~indicated~~ all
   1. Arrange to shut off ~~indicated~~ utilities with utility companies.
   2. If utility services are required to be removed, relocated, or abandoned, before proceeding with building demolition provide temporary utilities that bypass buildings and structures to be demolished and that maintain continuity of service to other buildings and structures.
   3. Cut off pipe or conduit a minimum of ~~24 inches~~ 4 feet below grade. Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing.

C. Temporary Shoring: Provide and maintain interior and exterior shoring, bracing, or structural support to preserve stability and prevent unexpected movement or collapse of construction being demolished.
   1. Strengthen or add new supports when required during progress of demolition.

D. Removed and Salvaged Items (If any): Comply with the following:
   1. Clean salvaged items of dirt and demolition debris.

2. Pack or crate items after cleaning. Identify contents of containers.
3. Store items in a secure area until delivery to Owner.
4. Transport items to storage area designated by Owner.
5. Protect items from damage during transport and storage.

We want any utility water & sewer removed

3.3 PROTECTION

A. Existing Facilities: Protect adjacent walkways, loading docks, building entries, and other building facilities during demolition operations.

B. Existing Utilities: Disconnect existing utility services for the building. Underground lines may be abandoned in place.
1. Do not interrupt existing utilities serving adjacent occupied or operating facilities unless authorized in writing by Owner and authorities having jurisdiction.
2. Provide temporary services during interruptions to existing utilities, as acceptable to Owner and to authorities having jurisdiction.
a. Provide at least 72 hours' notice to Owner if shutdown of service is required during changeover.

don't have

C. Temporary Protection: Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction and as indicated. Comply with requirements in Division 1 Section "Temporary Facilities and Controls."
1. Protect existing site improvements, appurtenances, and landscaping to remain.
2. Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
3. Provide protection to ensure safe passage of people around building demolition area and to and from occupied portions of adjacent buildings and structures.
4. Protect walls, windows, roofs, and other adjacent exterior construction that are to remain and that are exposed to building demolition operations.
5. Erect and maintain partitions and temporary enclosures to limit dust and dirt migration and to separate areas from fumes and noise from occupied portions of adjacent buildings.

3.4 DEMOLITION, GENERAL

A. General: Demolish indicated existing buildings, structures and site improvements completely. Use methods required to complete the Work within limitations of governing regulations and as follows:

1. Do not use cutting torches until work area is cleared of flammable materials. Maintain portable fire-suppression devices during flame-cutting operations.
2. Maintain adequate ventilation when using cutting torches.
3. Locate building demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.

B. ~~Engineering~~ Hazard Surveys: Perform surveys as the Work progresses to detect hazards that may result from building demolition activities.

Somewhere we should have the contractor contact all utilities connected to the building and have them cut off before work begins SEE SECT. 3.2.B.1

C. Site Access and Temporary Controls: Conduct building demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.

1. Do not close or obstruct streets, walks, walkways, or other adjacent occupied or used facilities without permission from Owner. Provide alternate routes around closed or obstructed traffic ways if required by Owner.
2. Use water mist and other suitable methods to limit spread of dust and dirt. Comply with governing environmental-protection regulations. Do not use water when it may damage adjacent construction or create hazardous or objectionable conditions, such as ice, flooding, and pollution.

3.5 MECHANICAL DEMOLITION

A. Remove buildings and structures, and site improvements intact when permitted by authorities having jurisdiction.

B. Proceed with demolition of structural framing members systematically, from higher to lower level. Concrete panels shall be lowered systematically to maintain as much structural stability as possible with remaining structure.

C. Remove debris from elevated portions by chute, hoist, or other device that will convey debris to grade level in a controlled descent.

1. Remove structural framing members and lower to ground by method suitable to minimize ground impact or dust generation.

D. Concrete: Cut concrete full depth at junctures with construction indicated to remain, using power-driven saw, then remove concrete between saw cuts.

E. Below-Grade Construction: Demolish and remove foundation walls and other below-grade construction. Remove piers to a depth of at least 4 feet below final grades indicated.

F. Existing Utilities: Demolish and remove existing utilities and below-grade utility structures. Remove and salvage meters on the site. Coordinate removal of service lines with applicable utility companies.

3.6 EXPLOSIVE DEMOLITION

A. Explosives: Use of explosives is not permitted.

remove all debris over 3" in size

3.7 SITE RESTORATION

A. Below-Grade Areas: Rough grade below-grade areas ready for further excavation or new construction.

B. Site Grading: Site shall be graded according to plans to a tolerance of +/- 0.2 feet. There shall be no ponding or low areas on site. All drainage shall sheet flow to the channel on the west side of the site. It is estimated that approximately XXX cubic yards of select fill will need to be hauled in from off-site in order to obtain the grades shown on the Plans. No guarantee is made

?

as to the accuracy of this estimate. It will be the responsibility of the Contractor to develop his own estimate prior to bidding on the project.

C. Vegetation: Hydroseed site with Common Bermuda or approved equivalent within seven days of demolition of the building and parking areas. Hydroseed shall be applied at a rate as defined by the manufacturer for uniform grass coverage. Water until established.

3.8 REPAIRS

A. General: Promptly repair damage to adjacent construction caused by building demolition operations.

B. Where repairs to existing surfaces are required, patch to produce surfaces suitable for new materials.

C. Restore exposed finishes of patched areas and extend restoration into adjoining construction in a manner that eliminates evidence of patching and refinishing.

3.9 DISPOSAL OF DEMOLISHED MATERIALS

A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.
   1. Do not allow demolished materials to accumulate on-site.
   2. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.

B. Burning: Do not burn demolished materials.

C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

3.10 CLEANING

A. Clean adjacent structures and improvements of dust, dirt, and debris caused by building demolition operations. Return adjacent areas to condition existing before building demolition operations began.

END OF SECTION 02221

TOWN OF ADDISON

BUILDING REGULATION SEC. 5-37.5

Sec. 5-37.5. Excavation, construction or demolition at night prohibited.

(a) *Intent and purpose.* The city council of the Town of Addison finds and declares that:

(1) The uncontrolled excavation, erection, construction or demolition at night upon buildings or structures presents an inconvenience or danger to the welfare and safety of those persons residing within or near the buildings or structures worked upon.

(2) Such nocturnal activity causes inconvenience or danger to those persons residing within or near the buildings or structures worked upon so as to constitute a public nuisance.

(3) It is a matter of public necessity that the Town of Addison protect those persons residing within or near the buildings

or structures worked upon from the danger posed by such nocturnal activity.

(4) The provisions and prohibitions hereinafter contained and enacted are in pursuance of and for the morals and general welfare of persons in the Town of Addison.

(5) There is an immediate and present danger presented by the above described uncontrolled nocturnal activity, creating an emergency.

(b) *Unlawful activity.* It shall be unlawful for a person, firm or corporation to excavate, erect, build, construct, alter, repair or demolish any building or structure which has been issued or which is required to be issued a building permit by the Town of Addison between the hours of 7:00 p.m. and 7:00 a.m. Monday through Friday, and between the hours of 7:00 p.m. and 8:00 a.m. on Saturday and Sunday, if such activity is performed within a residential, apartment or townhouse zoned area, or within three hundred (300) feet of an occupied residence, except in cases of urgent necessity or in the interest of public safety and convenience, and then only by permit of the city manager.

(c) *Exception.* The provisions of this section shall not apply to city and utility company when engaged in the installation or repair of utility lines situated within such buildings or structures.

(d) *Posting of sign.* The owner of the property upon which activity is carried on or the general contractor shall be responsible for the posting of a sign in a clearly visible area at all entrances to construction sites that will state the hours during which construction is allowed. (Ord. No. 084-051, § 1, 7-24-84; Ord. No. 085-040, §§ 1, 2, 6-25-85)

Editor's note—Section 2 of Ord. No. 084-051, adopted July 24, 1984, provided that any person, firm or corporation violating the provisions of this ordinance, codified herein as § 5-37.5, shall upon commission be deemed guilty of a misdemeanor, and shall be subject to a fine not to exceed two hundred dollars ($200.00). Furthermore, the construction or building permit of a person, firm or corporation may be revoked if said person, firm or corporation continues violating any of the provisions of this § 5-37.5.

APPENDIX

01-315
(Rev. 1-91/4)

TEXAS SALES AND USE TAX EXEMPTION CERTIFICATE

Name of purchaser, firm or agency

Address (Street & number, P.O. Box or Route number) | Phone (Area code and number)

City, State, ZIP code

I, the purchaser named above, claim an exemption from payment of sales and use taxes for the purchase of taxable items described below or on the attached order or invoice form:

Seller: _____

Street address: _____ City, State, ZIP code: _____

Description of items to be purchased or on the attached order or invoice:

Purchaser claims this exemption for the following reason:

TAX EXEMPT USE BY POLITICAL SUBDIVISION OF THE STATE OF TEXAS

I understand that I will be liable for payment of sales or use taxes which may become due for failure to comply with the provisions of the Tax Code, Limited Sales, Excise, and Use Tax Act, Municipal Sales and Use Tax Act, Sales and Use Taxes for Special Purpose Taxing Authorities, County Sales and Use Tax Act, County Health Services Sales and Use Tax and the Texas Health and Safety Code: Special Provisions Relating to Hospital Districts, Emergency Services Districts, and Emergency Services Districts in counties with a population of 125,000 or less.

I understand that it is a misdemeanor to give an exemption certificate to the seller for taxable items which I know, at the time of purchase, will be used in a manner other than that expressed in this certificate and that upon conviction may be fined not more than $500 per offense.

sign here ▶ Purchaser | Title | Date

Note: This certificate cannot be issued for the purchase, lease or rental of a motor vehicle.

THIS CERTIFICATE DOES NOT REQUIRE A NUMBER TO BE VALID

Sales and Use Tax "Exemption Numbers" or "Tax Exempt" Numbers do not exist.

This certificate should be furnished to the supplier. Do not send the completed certificate to the Comptroller of Public Accounts.

Storm Water Pollution Prevention Plan
Building Demolition Only

Part A – Site Description

Type of Project

The project is the demolition of an existing building and associated parking. This project is necessary due to the new alignment of Arapaho Road in Addison, Texas.

Schedule

Milestone	Scheduled		Revised	
	Start	Finish	Start	Finish
Set up initial controls				
Building demolition				
Demolish west parking				
Stabilize west parking area				
Install phase B controls				
Demolish east parking				
Final Site stabilization				

Part B – Existing Conditions

Existing Foliage

Type of Grass / Vegetation	Approximate Density	Site Coverage
Bermuda Grass	90	10
Trees	20	10

Drainage Impacts

Pre-development Runoff Coefficient (C in Rational Formula) **0.90**
Post-development Runoff Coefficient **0.40** **Addition of roadway will be in a future phase.**

Onsite Systems

Pipe System Present **No**

Other Systems Present

There is a substantial drainage channel located on the west-side of the property. This channel will not be significantly impacted by the construction activities. The existing channel lining will remain in place.

Existing Areas of Erosion

Since most of the site consists of structure and pavement, there is little evidence of existing erosion.

Part C – Pollution Prevention Techniques

Project Phasing

Phase	Start	Finish
Phase A		
Phase B		

called for hydromulch
Refer to BMP Spec?

Vegetative Techniques

Bermuda sod and seed will be applied to provide uniform 90% coverage upon completion of the demolition and grading activities. Grassed areas will be watered ~~twice weekly for two weeks after installation of grass~~ until grass is well established

Silt Fence

Design capacity for silt fence shall be 3.5 cubic feet per second. As shown on the construction plans, silt fence shall be installed in two phases, A and B.

	Install Date	Removal Date
Phase A		
Phase B		

Stabilized Construction Entrance

The existing pavement at the entrance to the site shall remain for the majority of the demolition activities. If this entrance is removed before completion of the demolition activities, a stabilized construction entrance shall be installed.

Waste Management Practices

Solid Waste Management

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- Covered, leakproof trash container on-site.
- Covered dumpster on site
- Daily site clean up procedures implemented
- Timely collection of waste from containers

Hazardous Waste Management

paint

- Controlled storage facility for pain, thinner and solvents
- Controlled storage facilities for fertilizer and other chemicals
- Procedures for handling spills is established and posted on-site.

Hazardous Materials used or found on-site

- Solvents
- Fuels
- Oils
- Grease
- Roofing Tar
- Pesticides
- Fertilizer

Concrete Waste Management

?

Part D – Contractor / Sub Contractor Certifications

Any contractor or sub contractor responsible for portions of the SWPPP or impacts the efforts of the SWPPP shall sign the following certification prior to providing services at the site.

> I certify under penalty of law that I understand the terms an conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signed: _____ Date: _____

Name (Printed): _____

Title: _____

Name of Firm: _____

Address: _____

City, State, Zip: _____

Phone: _____

Nature of Firm's Responsibility: _____

Signed: _____ Date: _____

Name (Printed): _____

Title: _____

Name of Firm: _____

Address: _____

City, State, Zip: _____

Phone: _____

Nature of Firm's Responsibility: _____

Signed: _____ Date: _____

Name (Printed): _____

Title: _____

Name of Firm: _____

Address: _____

City, State, Zip: _____

Phone: _____

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Phone: _____

Nature of Firm's Responsibility: _____

Signed: _____ Date: _____

Name (Printed): _____

Title: _____

Name of Firm: _____

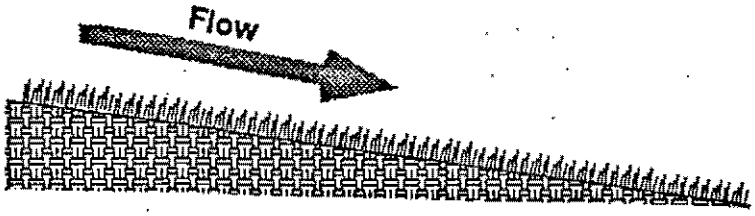
Address: _____

City, State, Zip: _____

Phone: _____

Nature of Firm's Responsibility: _____

Vegetation



Applications

- Perimeter Control
- **Slope Protection**
- Sediment Trapping
- **Channel Protection**
- **Temporary Stabilization**
- **Permanent Stabilization**
- Waste Management
- Housekeeping Practices

DESCRIPTION

Vegetation, as a Best Management Practice, is the sowing of annual grasses, small grains or legumes to provide interim and permanent vegetative stabilization for disturbed areas.

PRIMARY USE

Vegetation is used as a temporary or permanent stabilization technique for areas disturbed by construction but not protected by pavement, building or other structures. As a temporary control, vegetation is used to stabilize stockpiles and barren areas which are inactive for long periods of time. As a permanent control, grasses and other vegetation provide good protection for the soil along with some filtering for overland runoff. Subjected to acceptable runoff velocities, vegetation can provide a good method of permanent storm water management as well as a visual amenity to the site.

Other BMPs may be required to assist in the establishment of vegetation. These other techniques include erosion control matting, swales and dikes to direct flow around newly seeded areas and proper grading to limit runoff velocities during construction.

APPLICATIONS

Vegetative techniques can and should apply to every construction project with few exceptions. Vegetation effectively reduces erosion in swales, stock piles, berms, mild to medium slopes and along roadways. Vegetative strips can provide some protection when used as a perimeter control for utility and site development construction.

In many cases, the initial cost of temporary seeding may be high compared to tarps or covers for stockpiles or other barren areas subject to erosion yet inactive. This initial cost should be weighed with the amount of time the area is to remain inactive, since maintenance cost for vegetated areas is much less than most structural controls.

DESIGN CRITERIA

Surface Preparation

- ☐ Interim or final grading must be completed prior to seeding, minimizing all steep slopes.
- ☐ Install all necessary erosion structures such as dikes, swales, diversions, etc., prior to seeding.

Targeted Constituents

- ● Sediment
- ○ Nutrients Toxic Materials
- ○ Oil & Grease
- ○ Floatable Materials
- ○ Other Construction Wastes

Implementation Requirements

- ○ Capital Costs
- ○ Maintenance
- ○ Training
- ● Suitability for Slopes >5%

Legend

- ● Significant Impact
- ○ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

Fe = 0.90

E-4

North Central Texas Council of Governments

Vegetation

- ☐ Groove or furrow slopes steeper than 3:1 on the contour line before seeding.
- ☐ Provide 4-6 inches of topsoil over rock, gravel or otherwise unsuitable soils.
- ☐ Seed-bed should be well pulverized, loose and uniform.

Plant Selection, Fertilization and Seeding

- ☐ Use only high quality, USDA certified seed.
- ☐ Use an appropriate species or species mixture adapted to local climate, soil conditions and season according to the table on the following page. Consult with the local office of the U.S. Soil Conservation Service (SCS) or Engineering Extension service as necessary for selection of proper species and application technique in this area.
- ☐ Seeding rate should be in accordance with the table on the following page or as recommended by the SCS or engineering extension service.
- ☐ Fertilizer shall be applied according to the manufacturer's recommendation with proper spreader equipment. Typical application rate for 10-10-10 grade fertilizer is 700-1000 lb/acre. DO NOT OVER APPLY FERTILIZER.
- ☐ If hydro-seeding is used, do not mix seed and fertilizer more than 30 minutes before application.
- ☐ Evenly apply seed using cyclone seeder, seed drill, cultipacker or hydroseeder.
- ☐ Provide adequate water to aid in establishment of vegetation.
- ☐ Use appropriate mulching techniques where necessary.

LIMITATIONS

Vegetation is not appropriate for areas subjected to heavy pedestrian or vehicular traffic. As a temporary technique, vegetation may be costly when compared to other techniques.

Vegetation is not appropriate for rock, gravel or coarse grained soils unless 4 to 6 inches of topsoil is applied.

MAINTENANCE REQUIREMENTS

Protect newly seeded areas from excessive runoff and traffic until vegetation is established. A watering and fertilizing schedule will be required as part of the SWPPP to assist in the establishment of the vegetation.

Specification Section	N/A
Detail ID	N/A

We want permanent Vegetation

Temporary Vegetation Table

Bermuda

Vegetation - The following plants are commonly used for temporary cover in Texas. For optimum planting dates and adaptations for a specific soil or site, contact your local field office of the Soil Conservation Service.

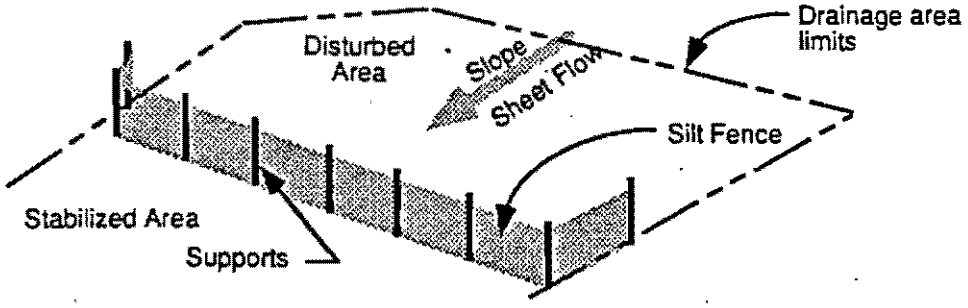
Species	Veg, Area Adapt. [1]	Soils	Planting Rate	Planting Date	Source	Wildlife Food Value
Cane, Redtop	All	All	30#/ Acre	8/15 thru 9/30	C	D
Millet, German	All	All	40#/ Acre	4/1 thru 5/15	C	B
Oats	All	All	3 bu / Acre	8/15 thru 9/30	C	D
Panicum, Texas	All	All	25#/ Acre	3/15 thru 5/15	C	B
Prosomillet	All	All	40#/ Acre	5/1 thru 5/15	C	B
Rye, Elbon	All	All	1.5 bu / Acre	8/15 thru 9/30	C	D
Ryegrass, Annual	All	All	30#/ Acre	8/15 thru 9/30	C	D
Sprangletop, Green	All	All	3.4#/ Acre	2/1 thru 5/15	C	D
Sudangrass	All	All	40#/ Acre	4/1 thru 5/15	C	B

[1] Vegetative Area Adaptation: As taken from 'Texas Plants – A Checklist and Ecological Summary', MP-585, June 1962, Dr. F. W. Gould

The planting date represents a statewide spread in planting dates. Refer to local guides for specific dates.
Sources: C – Commercial
Wildlife Food Value: B – Bird D – Deer

Adapted from Erosion and Sediment Control Guidelines For Developing Areas in Texas, U.S. Department of Agriculture, Soil Conservation Service, 1976.

Silt Fence



Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- Temporary Stabilization
- Permanent Stabilization
- Waste Management
- Housekeeping Practices

DESCRIPTION

A silt fence consists of geotextile fabric supported by poultry netting or other backing stretched between either wooden or metal posts with the lower edge of the fabric securely embedded in the soil. The fence is typically located downstream of disturbed areas to intercept runoff in the form of sheet flow. Silt fence provides both filtration and time for sedimentation to reduce sediment and it reduces the velocity of the runoff. Properly designed silt fence is economical since it can be re-located during construction and re-used on other projects.

PRIMARY USE

Silt fence is normally used as perimeter control located downstream of disturbed areas. It is only feasible for non-concentrated, sheet flow conditions.

APPLICATIONS

Silt fence is an economical means to treat overland, non-concentrated flows for all types of projects. Silt fences are used as perimeter control devices for both site developments and linear (roadway) type projects. They are most effective with coarse to silty soil types. Due to the potential of clogging, silt fence should not be used with clay soil types.

In order to reduce the length of silt fence, it should be placed adjacent to the down slope side of the construction activities.

DESIGN CRITERIA

- ☐ Fences are to be constructed along a line of constant elevation (along a contour line) where possible.
- ☐ Maximum slope adjacent to the fence is 1:1.
- ☐ Maximum distance of flow to silt fence should be 200 feet or less.
- ☐ Maximum concentrated flow to silt fence shall be 1 CFS per 20 feet of fence.
- ☐ If 50% or less of soil, by weight, passes the U.S. Standard sieve No. 200, select the equivalent opening size (E.O.S.) to retain 85% of the soil.
- ☐ Maximum equivalent opening size shall be 70 (#70 sieve).
- ☐ Minimum equivalent opening size shall be 100 (#100 sieve).
- ☐ If 85% or more of soil, by weight, passes the U.S. Standard sieve No. 200, silt fences shall not be used due to potential clogging.

Targeted Constituents

- ● Sediment
- ○ Nutrients
  Toxic Materials
- ○ Oil & Grease
- ◐ Floatable Materials
- ○ Other Construction Wastes

Implementation Requirements

- ◐ Capital Costs
- ● Maintenance
- ○ Training
- ◐ Suitability for Slopes >5%

Legend

- ● Significant Impact
- ◐ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

Fe = 0.75

S-1

North Central Texas Council of Governments

Silt Fence

- Sufficient room for the operation of sediment removal equipment shall be provided between the silt fence and other obstructions in order to properly maintain the fence.
- The ends of the fence shall be turned upstream to prevent bypass of stormwater.

LIMITATIONS

Minor ponding will likely occur at the upstream side of the silt fence resulting in minor localized flooding.

Fences which are constructed in swales or low areas subject to concentrated flow may be overtopped resulting in failure of the filter fence. Silt fences subject to areas of concentrated flow (waterways with flows > 1 cfs) are not acceptable.

Silt fence can interfere with construction operations, therefore planning of access routes onto the site is critical.

Silt fence can fail structurally under heavy storm flows, creating maintenance problems and reducing the effectiveness of the system.

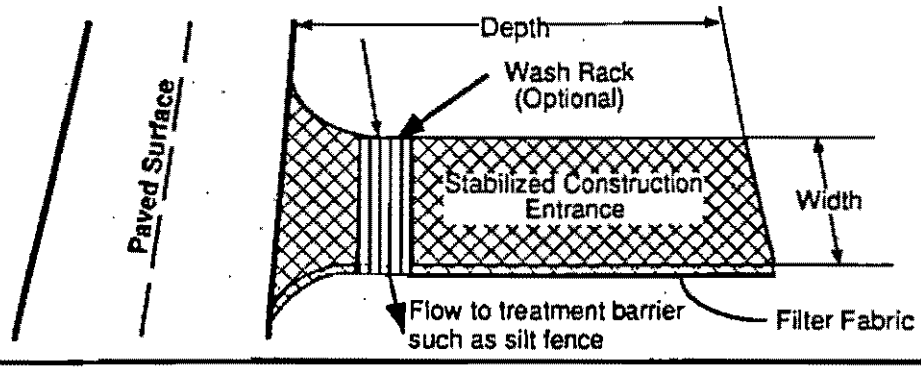
MAINTENANCE REQUIREMENTS

Inspections should be made on a weekly basis, especially after large storm events. If the fabric becomes clogged, it should be cleaned or if necessary, replaced.

Sediment should be removed when it reaches approximately one-half the height of the fence.

Specification Section
B
Detail ID
2020

Stabilized Construction Entrance



Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- **Temporary Stabilization**
- Permanent Stabilization
- Waste Management
- Housekeeping Practices

DESCRIPTION

A stabilized construction entrance consists of a pad consisting of gravel, crushed stone, recycled concrete or other rock like material on top of geotextile filter cloth to facilitate the wash down and removal of sediment and other debris from construction equipment prior to exiting the construction site. For added effectiveness, a wash rack area can be incorporated into the design to further reduce sediment tracking. For long term projects, cattle guards or other type of permanent rack system can be used in conjunction with a wash rack. This directly addresses the problem of silt and mud deposition in roadways used for construction site access.

PRIMARY USE

Stabilized construction entrances are used primarily for sites in which significant truck traffic occurs on a daily basis. It reduces the need to remove sediment from streets. If used properly, it also directs the majority of traffic to a single location, reducing the number and quantity of disturbed areas on the site and providing protection for other structural controls through traffic control.

APPLICATIONS

Stabilized construction entrances are a required part of the erosion control plan for all site developments larger than 5 acres and a recommended practice for all construction sites. It is not suitable for long, linear projects. If possible, small entrances should be incorporated into small lot construction due to the large percentage of disturbed area on the site and the high potential for offsite tracking of silt and mud.

DESIGN CRITERIA

- ☐ Stabilized construction entrances are to be constructed such that drainage across the entrance is directed to a controlled, stabilized outlet on site with provisions for storage proper filtration and removal of wash water.
- ☐ The entrance must be properly graded so that storm water is not allowed to leave the site and enter roadways.
- ☐ Minimum width of entrance shall be 15 feet, but in no case shall the width be less than that of the entry way to be used.
- ☐ Minimum depth of entrance shall be 8 inches for the entire length of the control.

Targeted Constituents

- ● Sediment
- ◒ Nutrients
  Toxic Materials
- ○ Oil & Grease
- ○ Floatable Materials
- ○ Other Construction Wastes

Implementation Requirements

- ● Capital Costs
- ◒ Maintenance
- ○ Training
- ○ Suitability for Slopes >5%

Legend

- ● Significant Impact
- ◒ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

Fe = N/A

S-9

North Central Texas Council of Governments

Stabilized Construction Entrance

- Minimum dimensions for the entrance shall be as follows:

Tract Area	Avg. Lot Depth	Min. Width of Entrance	Min. Depth of Entrance
< 1 Acre	100 feet	15 feet	20 feet
< 5 Acres	200 feet	20 feet	30 feet
< 10 Acres	> 200 feet	20 feet	40 feet
> 10 Acres	> 200 feet	25 feet	50 feet

LIMITATIONS

Selection of the construction entrance location is critical in that to be effective, it must be used exclusively.

Stabilized entrances are rather expensive considering that it must be installed in combination with one or more other sediment control techniques, but it may be cost effective compared to labor intensive street cleaning.

MAINTENANCE REQUIREMENTS

Inspections should be made on a regular basis and after large storm events in order to ascertain whether or not sediment and pollution are being effectively detained on site.

When sediment has substantially clogged the void area between the rocks, the aggregate mat must be washed down or replaced.

Periodic re-grading and top dressing with additional stone must be done to keep the efficiency of the entrance from diminishing.

Specification Section
G

Detail ID
2070

Solid Waste Management

DESCRIPTION

Large volumes of solid waste are often generated at construction sites including: packaging, pallets, wood waste, concrete waste, soil, electrical wiring, cuttings, and a variety of other materials. The solid waste management practice lists techniques to minimize the potential of storm water contamination from solid waste through appropriate storage and disposal practices.

PRIMARY USE

These practices should be a part of all construction practices. By limiting the trash and debris on site, storm water quality is improved along with reduced clean up requirements at the completion of the project.

APPLICATIONS

The solid waste management practice for construction sites is based on proper storage and disposal practices by construction workers and supervisors. Key elements of the program are education and modification of improper disposal habits. Cooperation and vigilance is required on the part of supervisors and workers to ensure that the recommendations and procedures are followed. Following are lists describing the targeted materials and recommended procedures:

- ☐ Targeted Solid Waste Materials
  - Paper and cardboard containers
  - Plastic packaging
  - Styrofoam packing and forms
  - Insulation materials (non-hazardous)
  - Wood pallets
  - Wood cuttings
  - Pipe and electrical cuttings
  - Concrete, brick, and mortar waste
  - Shingle cuttings and waste
  - Roofing tar
  - Steel (cuttings, nails, rust residue)
  - Gypsum board cuttings and waste
  - Sheathing cuttings and waste
  - Miscellaneous cutting and waste
  - Food waste
  - Demolition waste

Storage Procedures

- ☐ Wherever possible, minimize production of solid waste materials.
- ☐ Designate a foreman or supervisor to oversee and enforce proper solid waste procedures.
- ☐ Instruct construction workers in proper solid waste procedures.
- ☐ Segregate potentially hazardous waste from non-hazardous construction site debris.
- ☐ Keep solid waste materials under cover in either a closed dumpster or other enclosed trash container that limits contact with rain and runoff.
- ☐ Store waste materials away from drainage ditches, swales and catch basins.

Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- Temporary Stabilization
- Permanent Stabilization
- **Waste Management**
- **Housekeeping Practices**

Targeted Constituents

- ○ Sediment
- ● Nutrients
- Toxic Materials
- ○ Oil & Grease
- ● Floatable Materials
- ● Other Construction Wastes

Implementation Requirements

- ◒ Capital Costs
- ◒ Maintenance
- ◒ Training
- ○ Suitability for Slopes >5%

Legend

- ● Significant Impact
- ◒ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

W-1

North Central Texas Council of Governments

Solid Waste Management

- ☐ Do not allow trash containers to overflow.
- ☐ Do not allow waste materials to accumulate on the ground.
- ☐ Prohibit littering by workers and visitors.
- ☐ Police site daily for litter and debris.
- ☐ Enforce solid waste handling and storage procedures.

Disposal Procedures

- ☐ If feasible, segregate recyclable wastes from non-recyclable waste materials and dispose of properly.
- ☐ General construction debris may be hauled to a licensed construction debris landfill (typically less expensive than a sanitary landfill).
- ☐ Use waste facilities approved by local jurisdiction.
- ☐ Runoff which comes into contact with unprotected waste shall be directed into structural treatment such as silt fence to remove debris.

Education

- ☐ Educate all workers on solid waste storage and disposal procedures.
- ☐ Instruct workers in identification of solid waste and hazardous waste.
- ☐ Have regular meetings to discuss and reinforce disposal procedures (incorporate in regular safety seminars).
- ☐ Clearly mark on all solid waste containers which materials are acceptable.

Quality Control

- ☐ Foreman and/or construction supervisor shall monitor on-site solid waste storage and disposal procedures.
- ☐ Discipline workers who repeatedly violate procedures.

Requirements

- ☐ Job-site waste handling and disposal education and awareness program.
- ☐ Commitment by management to implement and enforce Solid Waste Management Program.
- ☐ Compliance by workers.
- ☐ Sufficient and appropriate waste storage containers.
- ☐ Timely removal of stored solid waste materials.
- ☐ Possible modest cost impact for additional waste storage containers.
- ☐ Small cost impact for training and monitoring
- ☐ Minimal overall cost impact.

LIMITATIONS

Only addresses non-hazardous solid waste.
One part of a comprehensive construction site management program.

Specification Section	N/A
Detail ID	N/A

Hazardous Waste Management

DESCRIPTION

The hazardous waste management BMP addresses the problem of storm water polluted with hazardous waste through spills or other forms of contact. The objective of the Management Program is to minimize the potential of stormwater contamination from common construction site hazardous wastes through appropriate recognition, handling, storage and disposal practices.

It is not the intent of this Management Program to supersede or replace normal site assessment and remediation procedures. Significant spills and/or contamination warrant immediate response by trained professionals. Suspected job-site contamination should be immediately reported to regulatory authorities and protective actions taken. The General Permit requires reporting of significant spills to the National Response Center (NRC) at (800) 424-8802.

PRIMARY USE

These management practices along with applicable OSHA and EPA guidelines should be incorporated at all construction sites which use or generate hazardous wastes. Many wastes such as fuel, oil, grease, fertilizer and pesticide are present at most construction sites.

INSTALLATION, APPLICATION AND DISPOSAL CRITERIA

The hazardous waste management techniques presented here are based on proper recognition, handling, and disposal practices by construction workers and supervisors. Key elements of the management program are education, proper disposal practices, as well as provisions for safe storage and disposal. Following are lists describing the targeted materials and recommended procedures:

- ☐ Targeted Hazardous Waste Materials
  - Paints
  - Solvents
  - Stains
  - Wood preservatives
  - Cutting oils
  - Greases
  - Roofing tar
  - Pesticides
  - Fuels & lube oils
  - Lead based paints (Demolition)

Storage Procedures

- ☐ Wherever possible, minimize use of hazardous materials.
- ☐ Minimize generation of hazardous wastes on the job-site.
- ☐ Segregate potentially hazardous waste from non-hazardous construction site debris.
- ☐ Designate a foreman or supervisor to oversee hazardous materials handling procedures.
- ☐ Keep liquid or semi-liquid hazardous waste in appropriate containers (closed drums or similar) and under cover.
- ☐ Store waste materials away from drainage ditches, swales and catch

Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- Temporary Stabilization
- Permanent Stabilization
- Waste Management
- Housekeeping Practices

Targeted Constituents

- ○ Sediment
- ● Nutrients Toxic Materials
- ● Oil & Grease
- ○ Floatable Materials
- ● Other Construction Wastes

Implementation Requirements

- ◒ Capital Costs
- ◒ Maintenance
- ◒ Training
- ○ Suitability for Slopes >5%

Legend

- ● Significant Impact
- ◒ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

W-2

North Central Texas Council of Governments

Hazardous Waste Management

basins.
- ☐ Use containment berms in fueling and maintenance areas and where the potential for spills is high.
- ☐ Ensure that adequate hazardous waste storage volume is available.
- ☐ Ensure that hazardous waste collection containers are conveniently located.
- ☐ Do not allow potentially hazardous waste materials to accumulate on the ground.
- ☐ Enforce hazardous waste handling and disposal procedures.
- ☐ Clearly mark on all hazardous waste containers which materials are acceptable for the container.

Disposal Procedures
- ☐ Regularly schedule hazardous waste removal to minimize on-site storage.
- ☐ Use only reputable, licensed hazardous waste haulers.

Education
- ☐ Instruct workers in identification of hazardous waste
- ☐ Educate workers of potential dangers to humans and the environment from hazardous wastes
- ☐ Instruct workers on safety procedures for common construction site hazardous wastes
- ☐ Educate all workers on hazardous waste storage and disposal procedures
- ☐ Have regular meetings to discuss and reinforce identification, handling and disposal procedures (incorporate in regular safety seminars)
- ☐ Establish a continuing education program to indoctrinate new employees.

Quality Assurance
- ☐ Foreman and/or construction supervisor shall monitor on-site hazardous waste storage and disposal procedures.
- ☐ Educate and if necessary, discipline workers who violate procedures.
- ☐ Ensure that the hazardous waste disposal contractor is reputable and licensed.

Requirements
- ☐ Job-site hazardous waste handling and disposal education and awareness program.
- ☐ Commitment by management to implement hazardous waste management practices.
- ☐ Compliance by workers.
- ☐ Sufficient and appropriate hazardous waste storage containers.
- ☐ Timely removal of stored hazardous waste materials.

Costs
- ☐ Possible modest cost impact for additional hazardous storage containers.
- ☐ Small cost impact for training and monitoring.
- ☐ Potential cost impact for hazardous waste collection and disposal by licensed hauler - actual cost depends on type of material and volume.

LIMITATIONS

This practice is not intended to address site-assessments and pre-existing contamination.
Major contamination, large spills and other serious hazardous waste incidents require immediate response from specialists.
Demolition activities and potential pre-existing materials, such as asbestos, are not addressed by this program. Site specific information on plans is necessary.
Contaminated soils are not addressed.
One part of a comprehensive construction site waste management program.

Specification Section
N/A
Detail ID
N/A

Concrete Waste Management

DESCRIPTION

Concrete waste at construction sites comes in two forms; 1) excess fresh concrete mix including truck and equipment washing, and 2) concrete dust and concrete debris resulting from demolition. Both forms have the potential to impact water quality through storm water runoff contact with the waste.

PRIMARY USE

Concrete waste is present at most construction sites. This BMP should be utilized at sites in which concrete waste is present.

APPLICATIONS

A number of water quality parameters can be affected by introduction of concrete - especially fresh concrete. Concrete affects the pH of runoff, causing significant chemical changes in water bodies and harming aquatic life. Suspended solids in the form of both cement and aggregate dust are also generated from both fresh and demolished concrete waste.

Current Unacceptable Waste Concrete Disposal Practices

- ☐ Dumping in vacant areas on the job-site
- ☐ Illicit dumping off-jobsite
- ☐ Dumping into ditches or drainage facilities

Recommended Disposal Practices

- ☐ Avoid unacceptable disposal practices listed above.
- ☐ Develop pre-determined, safe concrete disposal areas.
- ☐ Provide a washout area with a minimum of 6 cubic feet of containment area volume for every 10 cubic yards of concrete poured.
- ☐ Never dump waste concrete illicitly or without property owners knowledge and consent.
- ☐ Treat runoff from storage areas through the use of structural controls as required.

Education

- ☐ Drivers and equipment operators should be instructed on proper disposal and equipment washing practices (see above).
- ☐ Supervisors must be made aware of the potential environmental consequences of improperly handled concrete waste.

Enforcement

- ☐ The construction site manager or foreman must ensure that employees and pre-mix companies follow proper procedures for concrete disposal and equipment washing.
- ☐ Employees violating disposal or equipment cleaning directives must be re-educated or disciplined if necessary.

Demolition Practices

- ☐ Monitor weather and wind direction to ensure concrete dust is not entering drainage structures and surface waters.
- ☐ Where appropriate, construct sediment traps or other types of sediment detention devices downstream of demolition activities.

Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- Temporary Stabilization
- Permanent Stabilization
- **Waste Management**
- **Housekeeping Practices**

Targeted Constituents

- ○ Sediment
- ○ Nutrients
- ○ Toxic Materials
- ○ Oil & Grease
- ○ Floatable Materials
- ● Other Construction Wastes

Implementation Requirements

- ◒ Capital Costs
- ◒ Maintenance
- ◒ Training
- ○ Suitability for Slopes >5%

Legend

- ● Significant Impact
- ◒ Medium Impact
- ○ Low Impact
- ? Unknown or Questionable Impact

W-3

North Central Texas Council of Governments

Concrete Waste Management

Requirements

- ☐ Use pre-determined disposal sites for waste concrete.
- ☐ Prohibit dumping waste concrete anywhere but pre-determined areas.
- ☐ Assign pre-determined truck and equipment washing areas.
- ☐ Educate drivers and operators on proper disposal and equipment cleaning procedures.

Costs

- ☐ Minimal cost impact for training and monitoring.
- ☐ Concrete disposal cost depends on availability and distance to suitable disposal areas
- ☐ Additional costs involved in equipment washing could be significant.

LIMITATIONS

This concrete waste management program is one part of a comprehensive construction site waste management program.

Specification Section	N/A
Detail ID	N/A

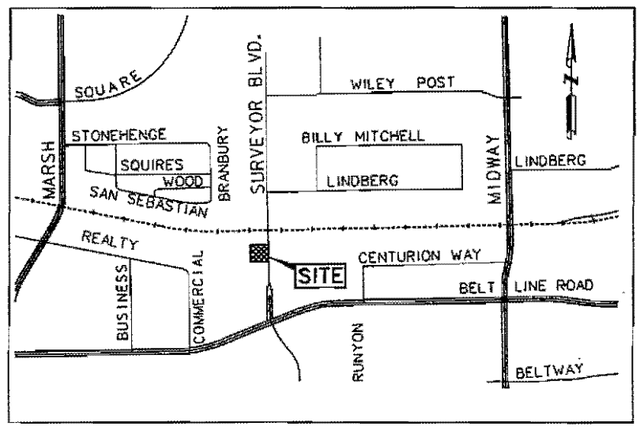
PLANS FOR THE CONSTRUCTION OF
SITE IMPROVEMENTS INCLUDING:
DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

PROPOSED ARAPAHO ROAD AT SURVEYOR BOULEVARD

TOWN OF
ADDISON

SHEET INDEX



LOCATION MAP

OWNER:

TOWN OF ADDISON
DEPARTMENT OF PUBLIC WORKS
15801 WESTGROVE
P.O. BOX 144
ADDISON, TEXAS 75001
(972) 450-2871

ENGINEER:

HNTB CORPORATION
5910 W. PLANO PARKWAY, SUITE 200
PLANO, TEXAS 75093
(972) 661-5526

STATE OF TEXAS
JERRY D. HOLDER, JR.
87171
REGISTERED

HNTB ARCHITECTS ENGINEERS PLANNERS

PRAEDIUM II LONE STAR, L.P.

NILE PROPERTIES, LTD.

NILE PROPERTIES, LTD.

TOWN OF ADDISON

PI STA 30+43.46
OFF 194.49' LT

PI STA 34+34.50
OFF 129.44' LT

PI STA 30+50.64
OFF 52.87' RT

PI STA 33+42.28
OFF 101.15' RT

N89°44'49"E 320.07'

N00°15'08"W 247.45'

N89°44'52"W 320.07'

S00°15'02"E 247.46'

SURVEYOR BOULEVARD

0 20 40 60 80
SCALE IN FEET

N

STATE OF TEXAS
JERRY D. HOLDER, JR.
87171

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

ROW MAP

TOWN OF ADDISON, TEXAS

Design AMS	Drawn AGF	DATE	SCALE	PROJECT NO.	SHEET NO.
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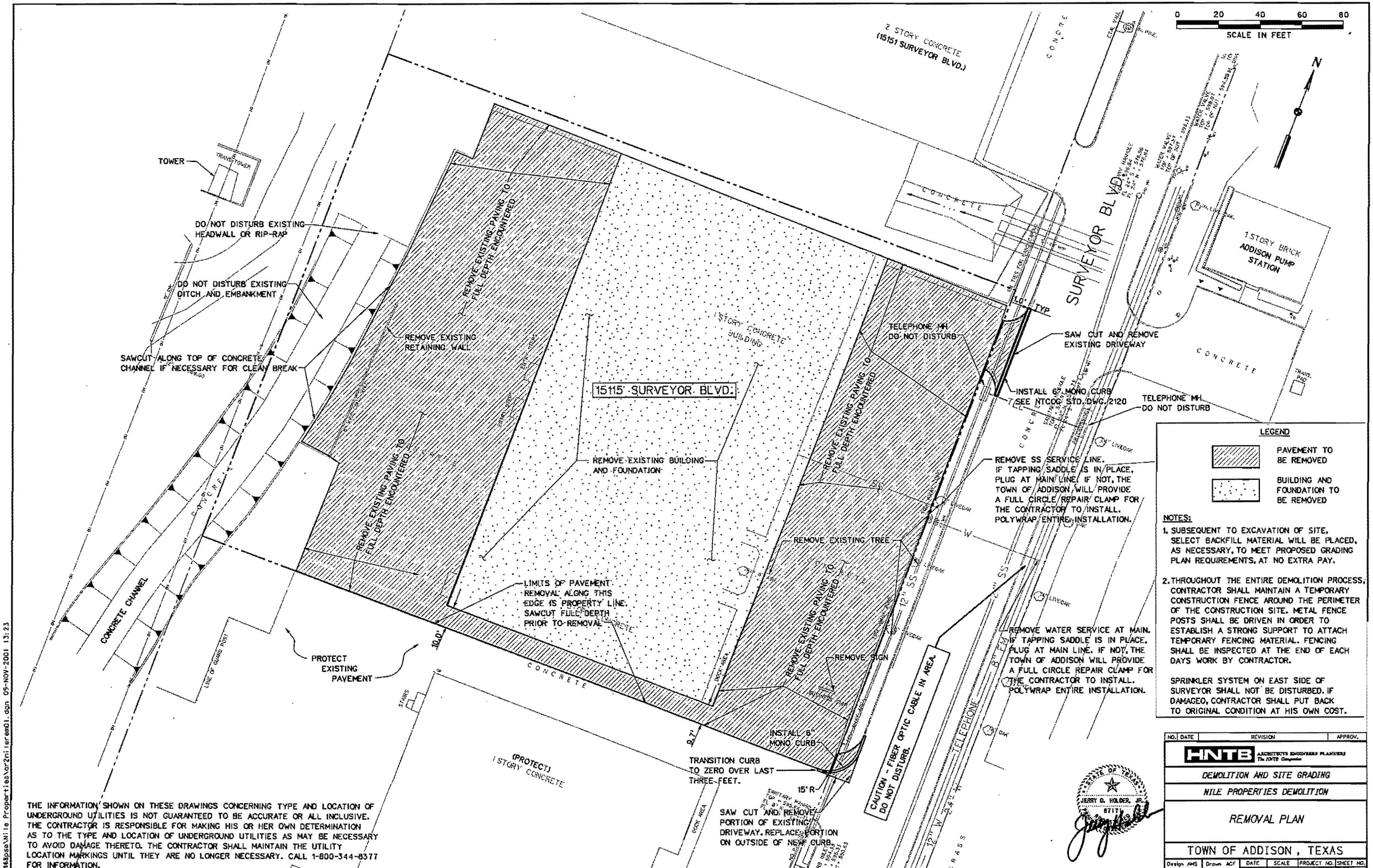


NOTES:

1. SUBSEQUENT TO EXCAVATION OF SITE, SELECT BACKFILL MATERIAL WILL BE PLACED, AS NECESSARY, TO MEET PROPOSED GRADING PLAN REQUIREMENTS, AT NO EXTRA PAY.
2. THROUGHOUT THE ENTIRE DEMOLITION PROCESS, CONTRACTOR SHALL MAINTAIN A TEMPORARY CONSTRUCTION FENCE AROUND THE PERIMETER OF THE CONSTRUCTION SITE. METAL FENCE POSTS SHALL BE DRIVEN IN ORDER TO ESTABLISH A STRONG SUPPORT TO ATTACH TEMPORARY FENCING MATERIAL. FENCING SHALL BE INSPECTED AT THE END OF EACH DAYS WORK BY CONTRACTOR.

SPRINKLER SYSTEM ON EAST SIDE OF SURVEYOR SHALL NOT BE DISTURBED. IF DAMAGED, CONTRACTOR SHALL PUT BACK TO ORIGINAL CONDITION AT HIS OWN COST.

THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OR HER OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY. CALL 1-800-344-8377 FOR INFORMATION.

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DEMOLITION AND SITE GRADING

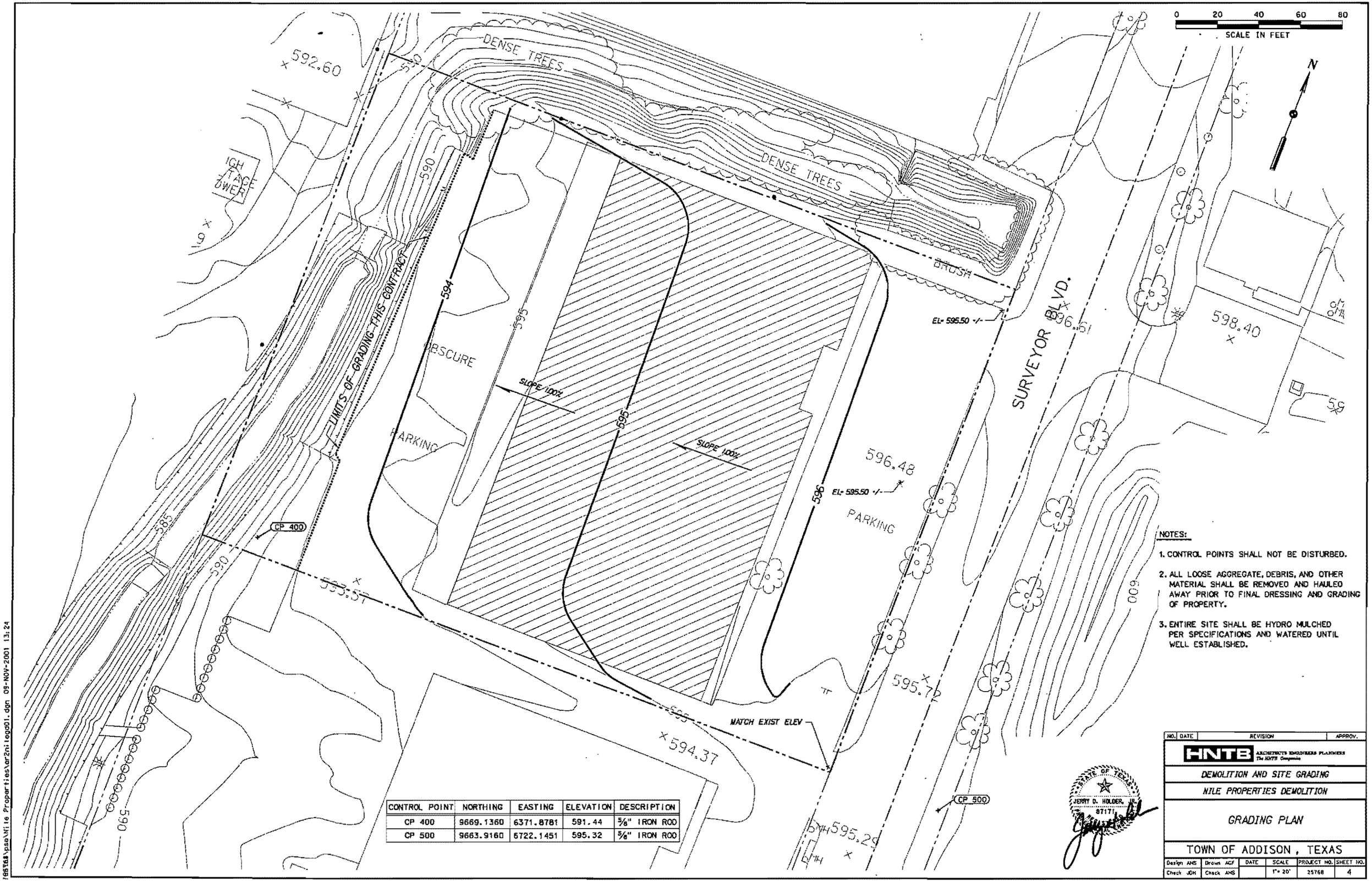
NILE PROPERTIES DEMOLITION

REMOVAL PLAN

TOWN OF ADDISON, TEXAS

Design AHS	Drawn ACF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AHS		1"= 20'	25768	3

STATE OF TEXAS
JERRY D. HOLDER, JR.
87171
LICENSED PROFESSIONAL ENGINEER



CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 400	9669.1360	6371.8781	591.44	5/8" IRON ROD
CP 500	9663.9160	6722.1451	595.32	5/8" IRON ROD

NOTES:

1. CONTROL POINTS SHALL NOT BE DISTURBED.
2. ALL LOOSE AGGREGATE, DEBRIS, AND OTHER MATERIAL SHALL BE REMOVED AND HAULED AWAY PRIOR TO FINAL DRESSING AND GRADING OF PROPERTY.
3. ENTIRE SITE SHALL BE HYDRO MULCHED PER SPECIFICATIONS AND WATERED UNTIL WELL ESTABLISHED.

STATE OF TEXAS
JERRY D. HOLDER, JR.
87171
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

GRADING PLAN

TOWN OF ADDISON, TEXAS

Design AMS	Drawn AGF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AMS		1"= 20'	25768	4

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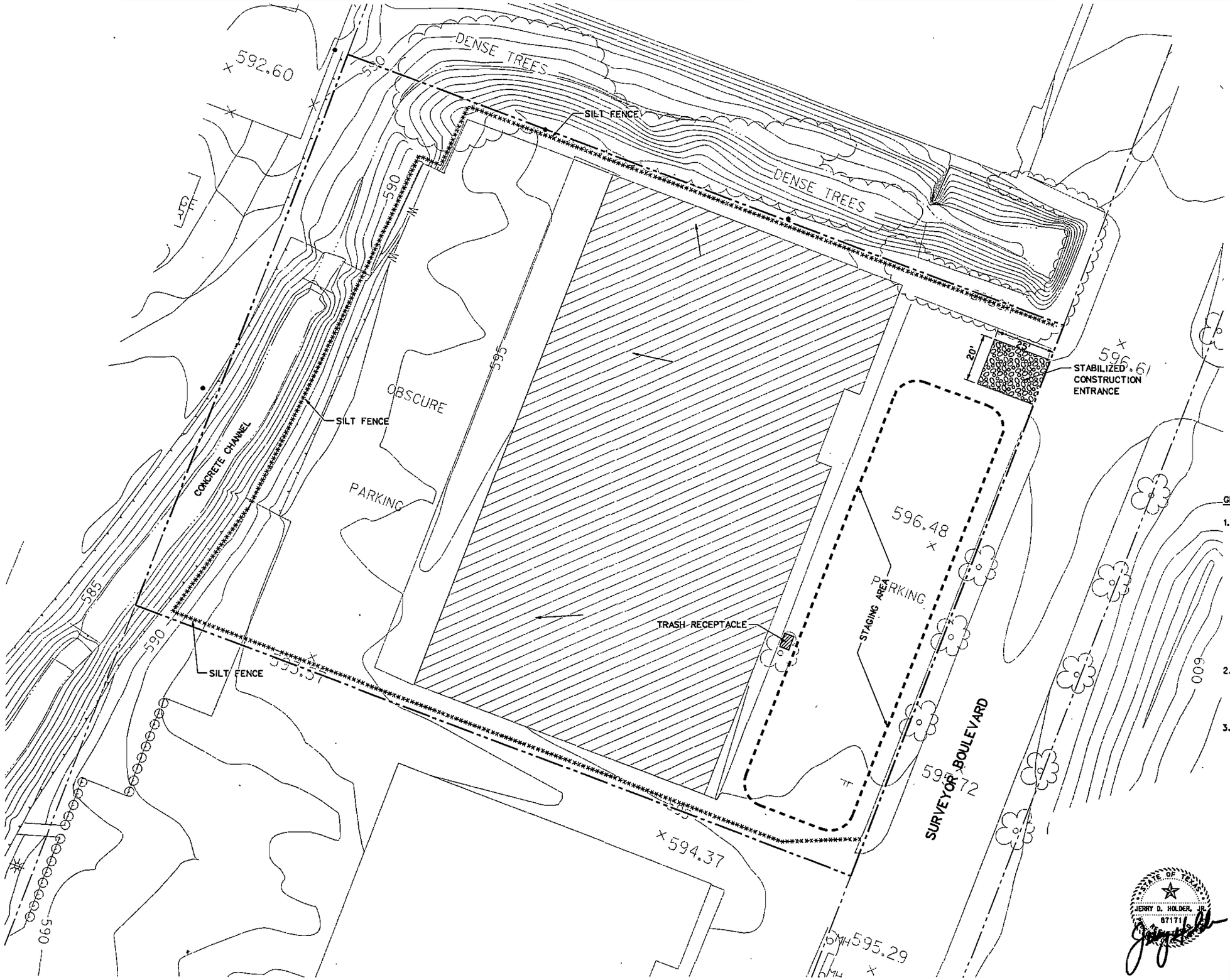

LEGEND

STABILIZED CONSTRUCTION ENTRANCE

SILT FENCE

GENERAL NOTES:

1. STAGING-

   A - INSTALL SILT FENCE ALONG NORTH SIDE AND SOUTHWEST CORNER PRIOR TO BEGINNING CONSTRUCTION.

   B - REMOVE CONCRETE PAVEMENT ON WEST AND SOUTH SIDES. COMPLETE INSTALLATION OF SILT FENCE AROUND PERIMETER OF SITE.

   C - INSTALL STABILIZED CONSTRUCTION ENTRANCE. SEE NTCOG CONSTRUCTION BMP.

2. ALL CONSTRUCTION SHALL CONFORM TO NCTCOG STORM WATER QUALITY BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES, LATEST EDITION.

3. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION INCLUDING SCHEDULING AND WASTE MANAGEMENT PRACTICES.

STATE OF TEXAS
JERRY D. HOLDER, JR.
87171
LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

STORM WATER POLLUTION PREVENTION PLAN

TOWN OF ADDISON, TEXAS

Design MGH	Drawn CFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check AMS	Check MGH	JULY 01	1"= 20'	25768	5

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SCALE IN FEET

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ROAD WORK AHEAD
CW21-40

2 STORY CONCRETE

CONCRETE

EXIST. WALL

240'

SURVEYOR BLVD.

1 STORY BRICK
ADDISON PUMP STATION

INSTALL 6" MONO CURB
SEE NTCOG STD. DWG. 2120

15115 SURVEYOR BLVD.

1 STORY CONCRETE BUILDING

ENTRY STEPS

TRANSFORMER

TEL

15' TYP

SS

W

12" SS

21" SS

8" EM

TELEPHONE

CONCRETE CHANNEL

LINE OF ROUND POST

1 STORY CONCRETE

STAIRS

BUSINESS SIGN

ROAD WORK AHEAD
CW21-40

LEGEND
- SIGN
- TRAFFIC FLOW
- DRUMS

STATE OF TEXAS
JERRY D. HOLDER, JR.
87171
LICENSED PROFESSIONAL ENGINEER

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

TRAFFIC CONTROL PLAN

TOWN OF ADDISON, TEXAS

Design AMS	Drawn AGF	DATE	SCALE	PROJECT NO.	SHEET NO.
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RECEIVED FROM STEVE CAULTHIAN ON JULY 17, 2001 DURING MEETING AT HIS OFFICE.

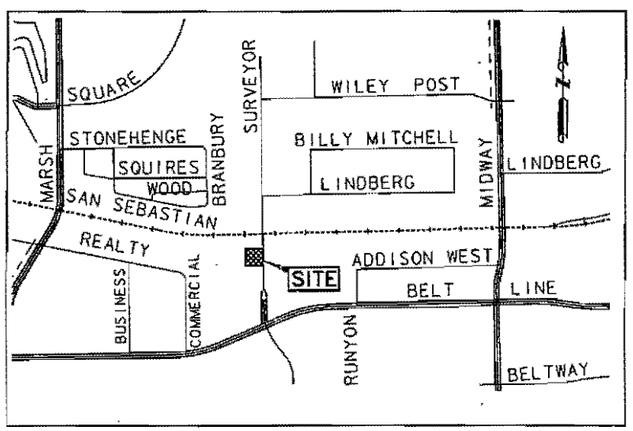
PLANS FOR THE CONSTRUCTION OF
SITE IMPROVEMENTS INCLUDING:
DEMOLITION AND SITE GRADING

NILE PROPERTIES LIMITED

PROPOSED ARAPAHO ROAD AT SURVEYOR BOULEVARD

TOWN OF
ADDISON

SHEET INDEX



LOCATION MAP

OWNER:

TOWN OF ADDISON
DEPARTMENT OF PUBLIC WORKS
16801 WESTGROVE
P.O. BOX 144
ADDISON, TEXAS 75001
(972) 450-2686

ENGINEER:

HNTB CORPORATION
14114 DALLAS PARKWAY, SUITE 630
DALLAS, TEXAS 75240
(972) 661-5626

FOR INTERIM REVIEW ONLY
By Jerry D. Holder, P.E. # 87171
HNTB CORPORATION
Date 21-JUN-2001
NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

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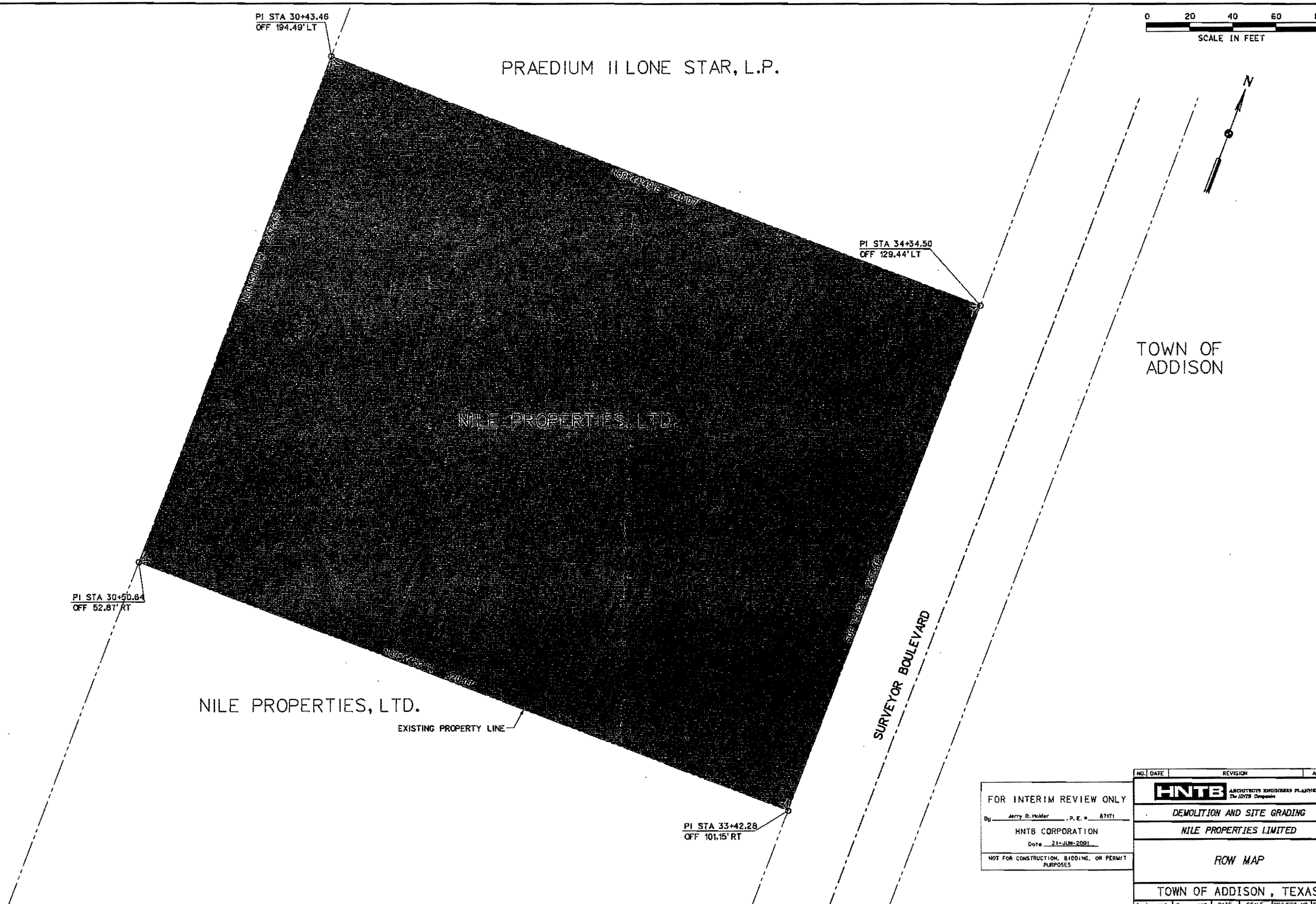

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HNTB CORPORATION

Date 21-JUN-2001

NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES LIMITED

ROW MAP

TOWN OF ADDISON, TEXAS

Design AMS	Drawn ACF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AMS	JUNE 01	1" = 20'	25768	2

0 20 40 60 80
SCALE IN FEET

N

lets think about this. If something is rebuilt there, wouldn't we want these connections?

TOWER

DO NOT DISTURB EXISTING HEADWALL OR RIP-RAP

DO NOT DISTURB EXISTING DITCH AND EMBANKMENT

REMOVE EXISTING RETAINING WALL

REMOVE EXISTING PAVING TO FULL DEPTH ENCOUNTERED

REMOVE EXISTING BUILDING AND FOUNDATION

1 STORY CONCRETE BUILDING

2 STORY CONCRETE (15151 SURVEYOR BLVD.)

SURVEYOR BLVD.

SAW CUT AND REMOVE EXISTING DRIVEWAY

7.0' TYP.

INSTALL 6" MONO CURB

1 STORY BRICK ADDISON PUMP STATION

CONCRETE

Water services to be removed @ 12" Main E side of Surveyor

Sanitary to be capped at main. on W side of Surveyor

CONCRETE CHANNEL

LIMITS OF PAVEMENT REMOVAL ALONG THIS EDGE IS PROPERTY LINE

REMOVE EXISTING TREE

REMOVE SIGN

SAW CUT AND REMOVE EXISTING DRIVEWAY

15' R

INSTALL 6" MONO CURB

1 STORY CONCRETE

LEGEND

PAVEMENT TO BE REMOVED

BUILDING AND FOUNDATION TO BE REMOVED

FOR INTERIM REVIEW ONLY

By Jerry D. Holder, P.E. # 87171

HNTB CORPORATION

Date 21-JUN-2001

NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES LIMITED

REMOVAL PLAN

TOWN OF ADDISON, TEXAS

Design AHS	Drawn AGF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AHS	JUNE 01	1" = 20'	25768	3

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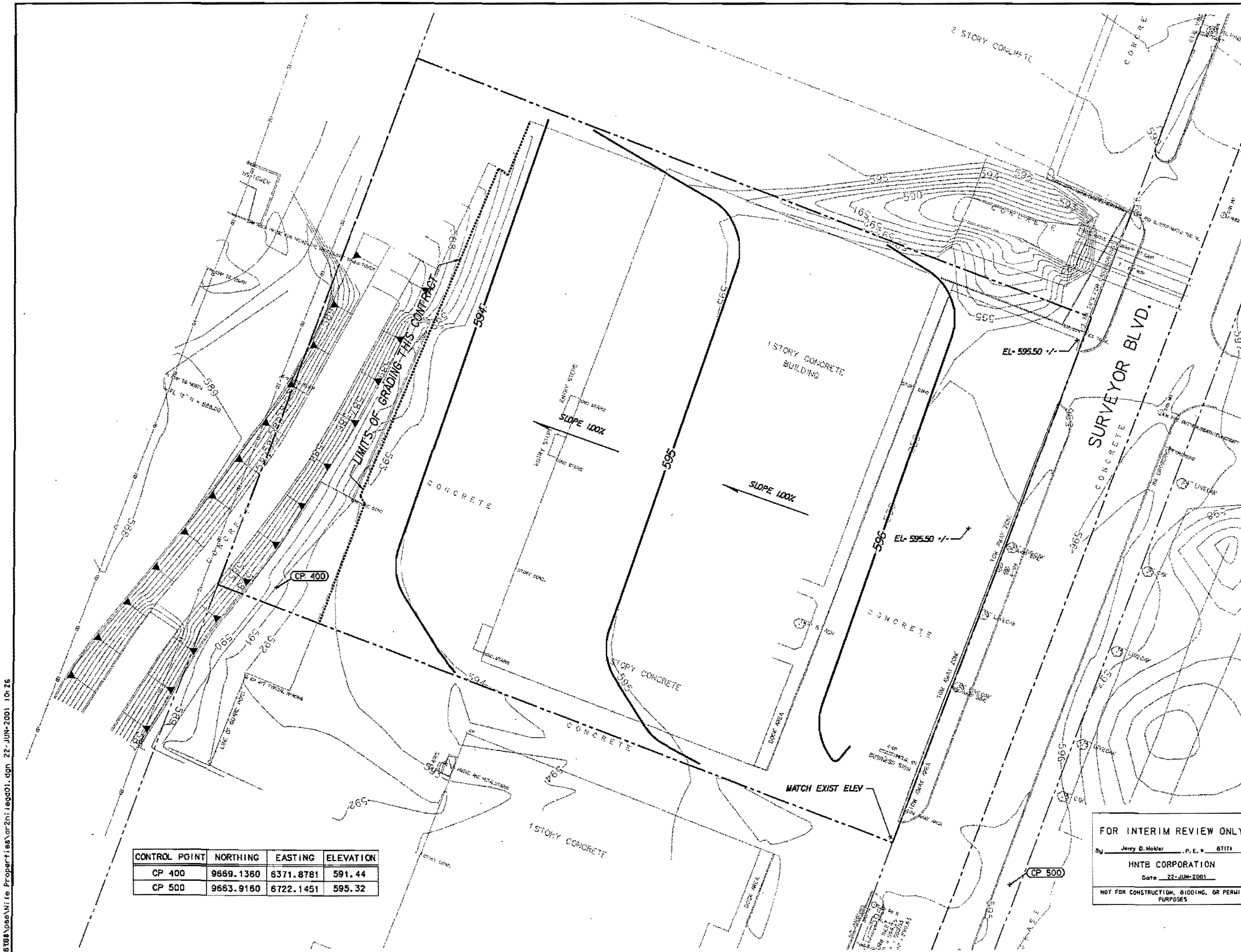

CONTROL POINT	NORTHING	EASTING	ELEVATION
CP 400	9669.1360	6371.8781	591.44
CP 500	9663.9160	6722.1451	595.32

NOTES:

1. CONTROL POINTS SHALL NOT BE DISTURBED.

FOR INTERIM REVIEW ONLY

By Jerry D. Holder P.E. # 87171

HNTB CORPORATION

Date 22-JUN-2001

NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES LIMITED

GRADING PLAN

TOWN OF ADDISON, TEXAS

Design AHS	Drawn ACF	DATE	SCALE	PROJECT NO.	SHEET NO.
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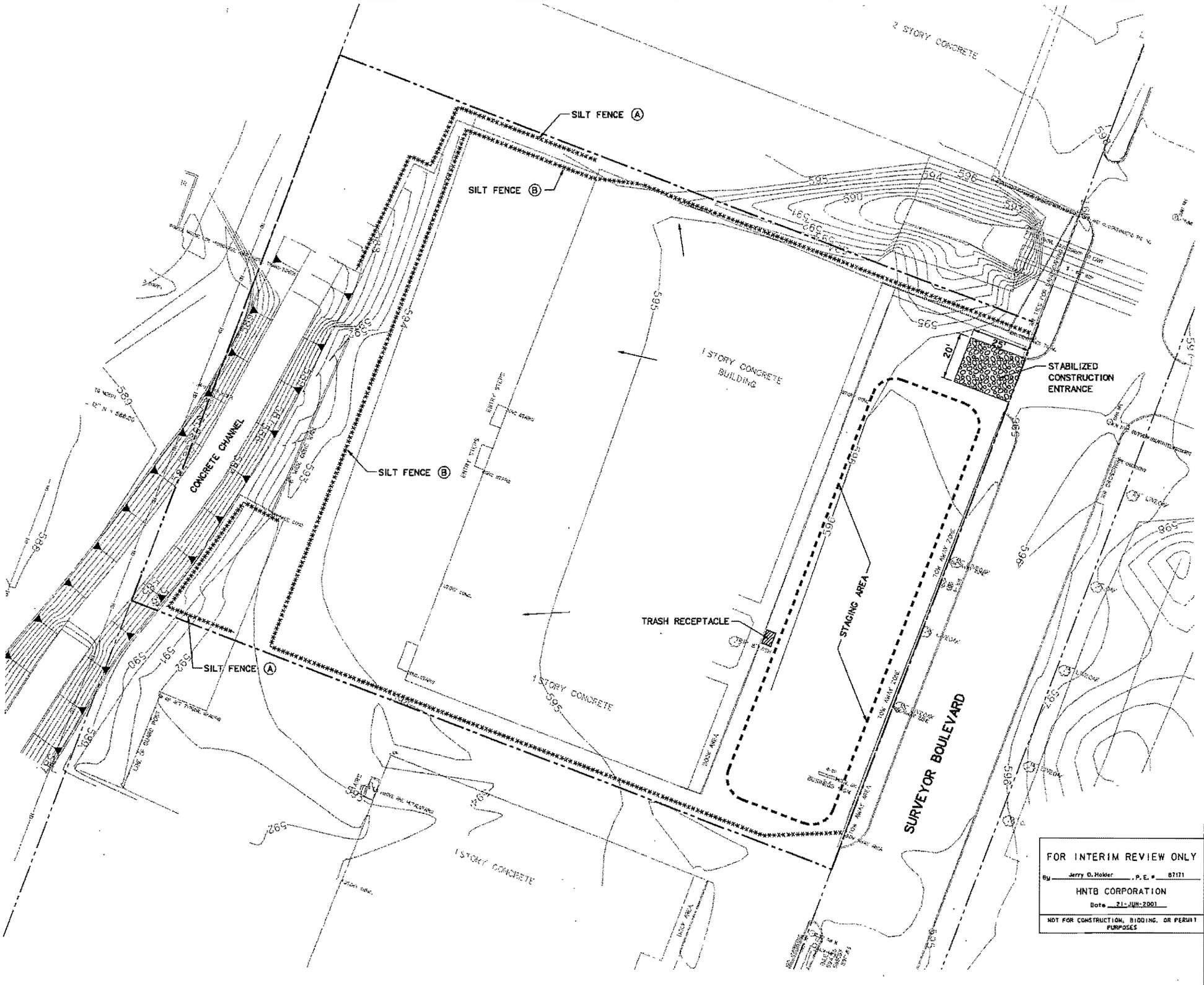

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SCALE IN FEET

N

LEGEND

STABILIZED CONSTRUCTION ENTRANCE

SILT FENCE

GENERAL NOTES:

1. STAGING-

   (A) SILT FENCE (A)
   INSTALL PRIOR TO CONSTRUCTION.

   (B) SILT FENCE (B)
   INSTALL AFTER CONC PAVEMENT ON WEST SIDE IS REMOVED. AFTER (B) IS INSTALLED REMOVE (A).

   (C) INSTALL STABILIZED CONSTRUCTION ENTRANCE IF CONCRETE DRIVEWAY IS REMOVED PRIOR TO BUILDING REMOVAL.

2. ALL CONSTRUCTION SHALL CONFORM TO NCTCOG STORM WATER QUALITY BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES, LATEST EDITION.

3. SEE NARRATIVE FOR ADDITIONAL INFORMATION INCLUDING SCHEDULING AND WASTE MANAGEMENT PRACTICES.

FOR INTERIM REVIEW ONLY
By Jerry D. Holder, P.E. # 87171
HNTB CORPORATION
Date 21-JUN-2001
NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES LIMITED

STORM WATER POLLUTION PREVENTION PLAN

TOWN OF ADDISON, TEXAS

Design HGH	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check AMS	Check HGH	JUNE 01	1"= 20'	25768	5

PLANS FOR THE CONSTRUCTION OF
SITE IMPROVEMENTS INCLUDING:
DEMOLITION AND SITE GRADING

NILE PROPERTIES LIMITED

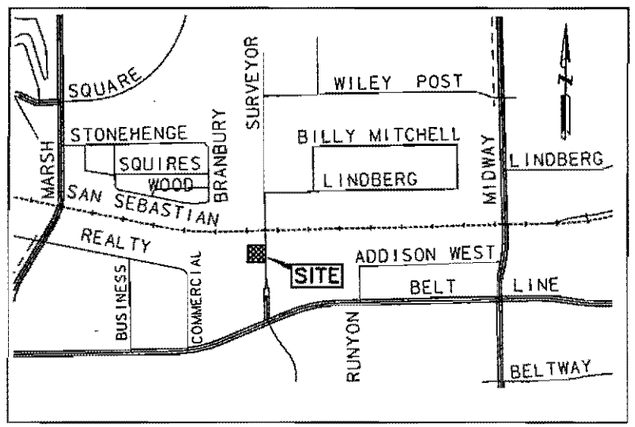
PROPOSED ARAPAHO ROAD AT SURVEYOR BOULEVARD

Reviewed
SZC
6/27/01

D-way
Haul Rmps?

TOWN OF
ADDISON

SHEET INDEX



LOCATION MAP

All materials shall become the property of the Contractor

Inspection Asbestos Report must be available to bidders — mention it —

7-10-01
JJP

OWNER:

TOWN OF ADDISON
DEPARTMENT OF PUBLIC WORKS
16801 WESTGROVE
P.O. BOX 144
ADDISON, TEXAS 75001
(972) 450-2888

ENGINEER:

HNTB CORPORATION
14114 DALLAS PARKWAY, SUITE 630
DALLAS, TEXAS 75240
(972) 661-5626

FOR INTERIM REVIEW ONLY
By Jerry D. Holder, P.E. # 87171
HNTB CORPORATION
Date 21-JUN-2001
NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

PI STA 30+43.46
OFF 194.49' LT

PRAEDIUM II LONE STAR, L.P.

PI STA 34+34.50
OFF 129.44' LT

NILE PROPERTIES, LTD.

15109 - 15115

PI STA 30+50.64
OFF 52.87' RT

NILE PROPERTIES, LTD.

EXISTING PROPERTY LINE

PI STA 33+42.28
OFF 101.15' RT

SURVEYOR BOULEVARD

TOWN OF ADDISON

0 20 40 60 80
SCALE IN FEET

N

* DEMOLITION NOTIFICATION W/FEE REQUIRED W/TDH TEXAS DEPT. OF HEALTH

FOR INTERIM REVIEW ONLY

By Jerry O. Holder, P.E. # 87471

HNTB CORPORATION

Date 21-JUN-2001

NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES LIMITED

ROW MAP

TOWN OF ADDISON, TEXAS

Design AHS	Drawn ACF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AHS	JUNE 01	1" = 20'	25768	2

f:\68768\pse\Nile Properties\or2nilerw01.dgn 21-JUN-2001 15:40

Silt Fence?

2 STORY CONCRETE (15151 SURVEYOR BLVD.)

0 20 40 60 80
SCALE IN FEET

N

TOWER

DO NOT DISTURB EXISTING HEADWALL OR RIP-RAP

DO NOT DISTURB EXISTING DITCH AND EMBANKMENT

REMOVE EXISTING PAVING TO FULL DEPTH ENCOUNTERED

REMOVE EXISTING RETAINING WALL

check address

15115 Surveyor Blvd.

1 STORY CONCRETE BUILDING

REMOVE EXISTING BUILDING AND FOUNDATION

SURVEYOR BLVD.

SAW CUT AND REMOVE EXISTING DRIVEWAY

1.0'

INSTALL 6" MONO CURB

DETAIL 1 OF SHEET

1 STORY BRICK ADDISON PUMP STATION

CONCRETE

as per Wilde's comments, we should show the water & sewer lines.

LEGEND

PAVEMENT TO BE REMOVED

BUILDING AND FOUNDATION TO BE REMOVED

REMOVE EXISTING TREE

REMOVE SIGN

CONCRETE CHANNEL

LIMITS OF PAVEMENT REMOVAL ALONG THIS EDGE IS PROPERTY LINE

PROTECT EXIST PAVEMENT

CONCRETE

10.4'

SAW CUT?

SAW CUT AND REMOVE EXISTING DRIVEWAY

15' R

INSTALL 6" MOND CURB

LIMITS OF PAVEMENT REMOVAL

INCLUDE TRAFFIC CONTROL PLAN!

PROTECT 1 STORY CONCRETE

NOTE: SUBSEQUENT TO EXCAVATION OF SITE, SELECT BACKFILL MATERIAL WILL BE PLACED, AS NECESSARY, TO MEET PROPOSED GRADING PLAN REQUIREMENTS, AT NO EXTRA PAY.

FOR INTERIM REVIEW ONLY

By Jerry D. Holder, P. E. # 87171

HNTB CORPORATION

Date 21-JUN-2001

NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS The JOHN Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES LIMITED

REMOVAL PLAN

TOWN OF ADDISON, TEXAS

Design AMS	Drawn ADF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AMS	JUNE 01	1"= 20'	25768	3

S:\Site\Epsa\Nile Properties\dgr2\nileremo1.dgn 21-JUN-2001 13:28

Hydromulch the whole site & water until established

0 20 40 60 80
SCALE IN FEET

N

HYDROMULCH ALONG DISTURBED SLOPE OF CHANNEL

LIMITS OF GRADING THIS CONTRACT

SLOPE 100%

SLOPE 100%

EL- 595.50 +/-

EL- 595.50 +/-

SURVEYOR BLVD.

2 STORY CONCRETE

1 STORY CONCRETE BUILDING

1 STORY BRICK

CONCRETE

CONCRETE

CONCRETE

CONCRETE

CONCRETE

2 STORY CONCRETE

1 STORY CONCRETE

MATCH EXIST ELEV

CP 400

CP 500

CONTROL POINT	NORTHING	EASTING	ELEVATION
CP 400	9669.1360	6371.8781	591.44
CP 500	9663.9160	6722.1451	595.32

NOTES:

1. CONTROL POINTS SHALL NOT BE DISTURBED.
2. ALL LOSE AGGREGATE, DEBRIS & OTHER MATERIAL SHALL BE REMOVED & HAULED AWAY PRIOR TO FINAL DRESSING & GRADING OF PROPERTY.

FOR INTERIM REVIEW ONLY

By Jerry D. Holder, P.E. # 87171

HNTB CORPORATION

Date 22-JUN-2001

NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES LIMITED

GRADING PLAN

TOWN OF ADDISON, TEXAS

Design AHS	Drawn AGF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AHS	JUNE 01	1"= 20'	25758	4

I:\25758\pse\Nile Properties\dr2nilegd01.dgn 22-JUN-2001 10:26

need this?

SILT FENCE (A)

SILT FENCE (B)

SILT FENCE (B)

SILT FENCE (A)

CONCRETE CHANNEL

2 STORY CONCRETE

1 STORY CONCRETE BUILDING

1 STORY CONCRETE

1 STORY CONCRETE

20'

25'

STABILIZED CONSTRUCTION ENTRANCE

TRASH RECEPTACLE

STAGING AREA

SURVEYOR BOULEVARD

See const BMP?

Would still need stone if driveway is still there

0 20 40 60 80

SCALE IN FEET

N

LEGEND

STABILIZED CONSTRUCTION ENTRANCE

SILT FENCE

GENERAL NOTES:

1. STAGING-

   (A) SILT FENCE (A)
   INSTALL PRIOR TO CONSTRUCTION.

   (B) SILT FENCE (B)
   INSTALL AFTER CONC PAVEMENT ON WEST SIDE IS REMOVED. AFTER (B) IS INSTALLED REMOVE (A).

   (C) INSTALL STABILIZED CONSTRUCTION ENTRANCE IF CONCRETE DRIVEWAY IS REMOVED PRIOR TO BUILDING REMOVAL.

2. ALL CONSTRUCTION SHALL CONFORM TO NCTCOG STORM WATER QUALITY BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES, LATEST EDITION.

3. SEE NARRATIVE FOR ADDITIONAL INFORMATION INCLUDING SCHEDULING AND WASTE MANAGEMENT PRACTICES.

FOR INTERIM REVIEW ONLY

By Jerry D. Holder, P.E. # 81171

HNTB CORPORATION

Date 21-JUN-2001

NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES LIMITED

STORM WATER POLLUTION PREVENTION PLAN

TOWN OF ADDISON, TEXAS

Design MCH	Drawn CFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check AMS	Check MCH	JUNE 01	1" = 20'	25768	5

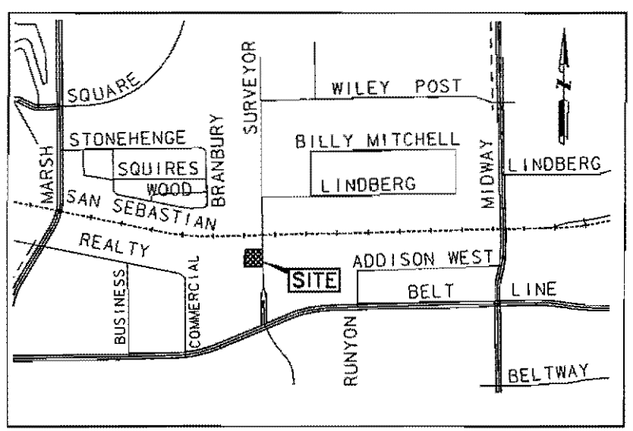
PLANS FOR THE CONSTRUCTION OF
SITE IMPROVEMENTS INCLUDING:
DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

PROPOSED ARAPAHO ROAD AT SURVEYOR BOULEVARD

TOWN OF
ADDISON

SHEET INDEX



LOCATION MAP

OWNER:

TOWN OF ADDISON
DEPARTMENT OF PUBLIC WORKS
16801 WESTGROVE
P.O. BOX 144
ADDISON, TEXAS 75001
(972) 450-2871

ENGINEER:

HNTB CORPORATION
14114 DALLAS PARKWAY, SUITE 630
DALLAS, TEXAS 75240
(972) 661-5626

FOR INTERIM REVIEW ONLY
By Jerry D. Holder, P.E. # 87171
HNTB CORPORATION
Date 27-JUL-2001
NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

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PI STA 30+43.46
OFF 194.49' LT

PRAEDIUM II LONE STAR, L.P.

N89°44'49"E 320.07'

241.45'

N0°15'08"W

PI STA 34+34.50
OFF 129.44' LT

NILE PROPERTIES, LTD.
(15115 Surveyor Blvd.)

TOWN OF ADDISON

SURVEYOR BOULEVARD

0 20 40 60 80
SCALE IN FEET

N

PI STA 30+50.64
OFF 52.87' RT

N89°44'52"W 320.05'

S0°15'02"E 247.46'

NILE PROPERTIES, LTD.

PI STA 33+42.28
OFF 101.15' RT

FOR INTERIM REVIEW ONLY

By Jerry D. Holder, P.E. # 87171

HNTB CORPORATION

Date 27-JUL-2001

NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

ROW MAP

TOWN OF ADDISON, TEXAS

Design AMS	Drawn AGF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AMS	JULY 01	1"= 20'	2576B	2

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0 20 40 60 80
SCALE IN FEET

N

(15151 SURVEYOR BLVD.)

SURVEYOR BLVD.

ADDISON PUMP STATION

TOWER

DO NOT DISTURB EXISTING HEADWALL OR RIP-RAP

DO NOT DISTURB EXISTING DITCH AND EMBANKMENT

SAWCUT ALONG TOP OF CONCRETE CHANNEL IF NECESSARY FOR CLEAN BREAK

REMOVE EXISTING RETAINING WALL

REMOVE EXISTING PAVING TO FULL DEPTH ENCOUNTERED

15115 SURVEYOR BLVD.

REMOVE EXISTING BUILDING AND FOUNDATION

LIMITS OF PAVEMENT REMOVAL ALONG THIS EDGE IS PROPERTY LINE. SAWCUT FULL DEPTH PRIOR TO REMOVAL

10.0'

1.0' TYP

TELEPHONE MH DO NOT DISTURB

SAW CUT AND REMOVE EXISTING DRIVEWAY

INSTALL 6" MONO CURB SEE NTCOG STD. DWG. 2120

TELEPHONE MH DO NOT DISTURB

REMOVE SS SERVICE LINE. IF TAPPING SADDLE IS IN PLACE, PLUG AT MAIN LINE. IF NOT, THE TOWN OF ADDISON WILL PROVIDE A FULL CIRCLE REPAIR CLAMP FOR THE CONTRACTOR TO INSTALL. POLYWRAP ENTIRE INSTALLATION.

REMOVE EXISTING TREE

REMOVE WATER SERVICE AT MAIN. IF TAPPING SADDLE IS IN PLACE, PLUG AT MAIN LINE. IF NOT, THE TOWN OF ADDISON WILL PROVIDE A FULL CIRCLE REPAIR CLAMP FOR THE CONTRACTOR TO INSTALL. POLYWRAP ENTIRE INSTALLATION.

REMOVE SIGN

CAUTION - FIBER OPTIC CABLE IN AREA. DO NOT DISTURB.

CONCRETE CHANNEL

PROTECT EXISTING PAVEMENT

(PROTECT)

9.7'

INSTALL 6" MONO CURB

15' R

SAW CUT AND REMOVE PORTION OF EXISTING DRIVEWAY

LEGEND

- PAVEMENT TO BE REMOVED
- BUILDING AND FOUNDATION TO BE REMOVED

NOTES:

1. SUBSEQUENT TO EXCAVATION OF SITE, SELECT BACKFILL MATERIAL WILL BE PLACED, AS NECESSARY, TO MEET PROPOSED GRADING PLAN REQUIREMENTS, AT NO EXTRA PAY.
2. THROUGHOUT THE ENTIRE DEMOLITION PROCESS, CONTRACTOR SHALL MAINTAIN A TEMPORARY CONSTRUCTION FENCE AROUND THE PERIMETER OF THE CONSTRUCTION SITE. METAL FENCE POSTS SHALL BE DRIVEN IN ORDER TO ESTABLISH A STRONG SUPPORT TO ATTACH TEMPORARY FENCING MATERIAL. FENCING SHALL BE INSPECTED AT THE END OF EACH DAYS WORK BY CONTRACTOR.

SPRINKLER SYSTEM ON EAST SIDE OF SURVEYOR SHALL NOT BE DISTURBED. IF DAMAGED, CONTRACTOR SHALL PUT BACK TO ORIGINAL CONDITION AT HIS OWN COST.

THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OR HER OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKINGS UNTIL THEY ARE NO LONGER NECESSARY. CALL 1-800-344-8377 FOR INFORMATION.

FOR INTERIM REVIEW ONLY

By Jerry D. Holder, P.E. # 87171

HNTB CORPORATION

Date 27-JUL-2001

NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

REMOVAL PLAN

TOWN OF ADDISON, TEXAS

Design AMS	Drawn AGF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AMS	JULY 01	1"= 20'	25768	3

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CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP 400	9669.1360	6371.8781	591.44	5/8" IRON ROD
CP 500	9663.9160	6722.1451	595.32	5/8" IRON ROD

NOTES:

1. CONTROL POINTS SHALL NOT BE DISTURBED.
2. ALL LOOSE AGGREGATE, DEBRIS, AND OTHER MATERIAL SHALL BE REMOVED AND HAULED AWAY PRIOR TO FINAL DRESSING AND GRADING OF PROPERTY.
3. ENTIRE SITE SHALL BE HYDRO MULCHED PER SPECIFICATIONS AND WATERED UNTIL WELL ESTABLISHED.

FOR INTERIM REVIEW ONLY

By Jerry D. Holder, P.E. # 87171

HNTB CORPORATION

Date 27-JUL-2001

NOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

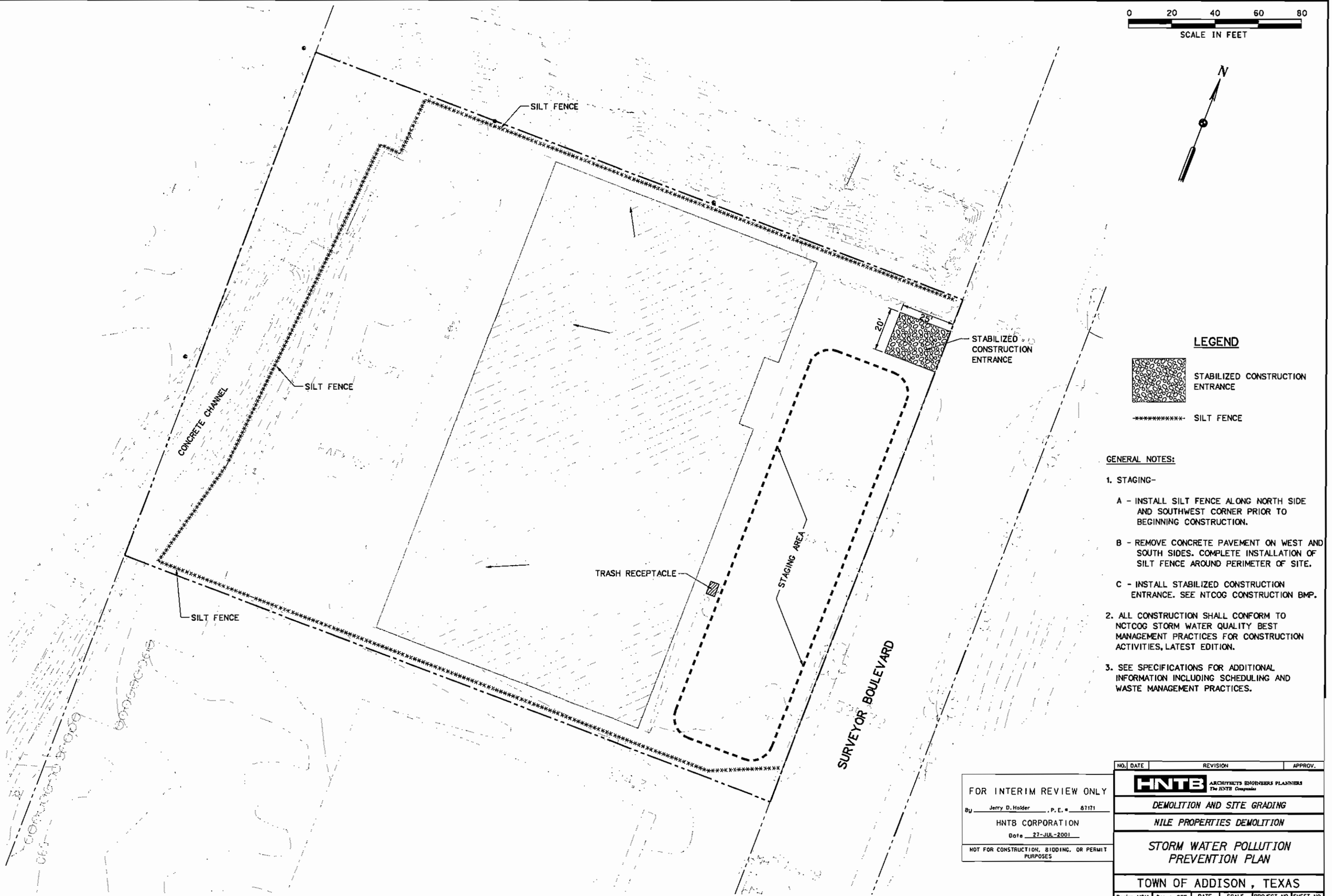
DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

GRADING PLAN

TOWN OF ADDISON, TEXAS

Design AMS	Drawn AGF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AMS	JULY 01	1"= 20'	25768	4



GENERAL NOTES:

1. STAGING-

   A - INSTALL SILT FENCE ALONG NORTH SIDE AND SOUTHWEST CORNER PRIOR TO BEGINNING CONSTRUCTION.

   B - REMOVE CONCRETE PAVEMENT ON WEST AND SOUTH SIDES. COMPLETE INSTALLATION OF SILT FENCE AROUND PERIMETER OF SITE.

   C - INSTALL STABILIZED CONSTRUCTION ENTRANCE. SEE NTCOG CONSTRUCTION BMP.

2. ALL CONSTRUCTION SHALL CONFORM TO NCTCOG STORM WATER QUALITY BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES, LATEST EDITION.

3. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION INCLUDING SCHEDULING AND WASTE MANAGEMENT PRACTICES.

FOR INTERIM REVIEW ONLY

By Jerry D. Holder, P.E. # 87171

HNTB CORPORATION

Date 27-JUL-2001

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NO.	DATE	REVISION	APPROV.

HNTB ARCHITECTS ENGINEERS PLANNERS The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

STORM WATER POLLUTION PREVENTION PLAN

TOWN OF ADDISON, TEXAS

Design MGM	Drawn GFS	DATE	SCALE	PROJECT NO.	SHEET NO.
Check AMS	Check MGM	JULY 01	1"= 20'	25768	5

0 20 40 60 80
SCALE IN FEET

N

ROAD WORK AHEAD
CW21-40

240'

SURVEYOR BLVD.

ADDISON PUMP STATION

INSTALL 6" MONO CURB
SEE NTCOG STD. DWG. 2120

15115 SURVEYOR BLVD.

15' TYP

CONCRETE CHANNEL

LEGEND

- SIGN
- TRAFFIC FLOW
- DRUMS

FOR INTERIM REVIEW ONLY

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HNTB CORPORATION

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HNTB ARCHITECTS ENGINEERS PLANNERS
The HNTB Companies

DEMOLITION AND SITE GRADING

NILE PROPERTIES DEMOLITION

TRAFFIC CONTROL PLAN

TOWN OF ADDISON, TEXAS

Design AMS	Drawn AGF	DATE	SCALE	PROJECT NO.	SHEET NO.
Check JDH	Check AMS	JULY 01	1"= 20'	25768	6

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SPECIFICATION REVIEW

FRONT END

NO.	PAGE	COMMENT	ACTION TAKEN
1.	AB-2	Change description to add "and restoration"	Added.
2.	IB-2	Change description to add "and restoration"	Added.
3.	IB-2	Add note stating all bidders must attend the Pre-bid Meeting.	Added to Item E in the **Instructions To Bidders,** This is also stated in the Advertisement.
3.	IB-3	Section J - Delete "taxes" from first sentence.	Reviewed with Town. Deleted per discussion.
4.	IB-4	Section Q - Delete "and operational" from first sentence.	Deleted.
5.	IB-6	Section X - Is one (1) year OK for the Maintenance Bond time period?	No - per instructions from Steve Chutchian, a two (2) year time period is desired by the Town. No change made.
6.	PF-3	Change 5 calendar days to 10 calendar days after NTP.	Changed.
7.	CA-2	Change 5 calendar days to 10 calendar days after NTP.	Changed.
8.	SP-2	Change Mr. To Ms.	Changed.
9.	SP-9	Do we need to address "Contractors Insurance"?	Added section referring to NTCOG specs.

TECHNICAL

NO.	PAGE	COMMENT	ACTION TAKEN
1.	02221-1	Section 1.1.A - Delete "General and Supplemental Conditions and Division 1 Specifications Sections".	Replaced with "Special Provisions"
2.	02221-1	Section 1.5.A - Should be part of the bidding process.	Moved to Instructions to Bidders section.
3.	02221-2	Section 1.5.D - Add "If applicable" to end of sentence.	Added.
4.	02221-3	Section 3.1.B - Do we have any Project Record Documents?	Yes.
5.	02221-3	Section 3.2.B.3 - Add "except as noted on the plans".	Added.
6.	02221-3	Section 3.2.D - Delete.	Delete
7.	02221-4	Section 3.3.B - Add "remove any utility within 4' of finished grade".	Added.

8.	02221-4	Section 3.3.C - Delete last sentence.	Deleted.
9.	02221-4	Section 3.4.B - Replace "Engineering Surveys" with "Hazard Surveys"	Replaced.
10.	02221-5	Somewhere we should have the contractor contact all utilities connected to the building and have them cut off before work begins.	This is stated in section 3.2.B.1
11.	02221-5	Section 3.5.E - Change "Demolish foundation" to "Demolish **and remove** foundation"	Changed.
12.	02221-5	Section 3.5.E - Change "2 feet" to "4 feet"	Changed.
13.	02221-5	Section 3.7.A - Add "remove all debris over 3" in size"	Added.
14.	02221-5	What do XXX's stand for?	Decision made not to quantify earthwork for project. XXX's deleted from specs.
15.	02221-5	Section 3.7.C - Add "water until established".	Added.

SW3P

NO.	PAGE	COMMENT	ACTION TAKEN
1.	SW3P-1	Part A - Delete the word "new" in second sentence.	Deleted.
2.	SW3P-1	Part B - Add "north and" to first sentence.	Added.
3.	SW3P-1	Change "will" to "shall"	Changed.
4.	SW3P-2	Vegetative Techniques - conflicts with technical spec calling for hydromulch.	Callout Hydromulch for entire site. Refer to NTCOG specs for details.
5.	SW3P-2	Do we need to refer to BMP Spec?	Yes. Referred to in spec.
6.	SW3P-2	Vegetative Techniques - delete "twice weekly for two weeks after installation of grass." and replace with "until grass is well established."	Changed.
7.	SW3P-2	Waste Management Practices - don't need a "covered" dumpster.	Deleted the word "covered".
8.	SW3P-2	Waste Management Practices - typo: pain should be paint.	Corrected.
9.	SW3P-2	Do we need Concrete Waste Management Section?	Yes. Added more detail to description.
10.	TVT	Temporary Vegetation Table - Don't need temporary vegetation on this project.	Removed from specs.

PLAN REVIEW

COVER SHEET

NO.	COMMENT	ACTION TAKEN
1.	Need to mention asbestos report will be available to bidders.	Added note to Instruction To Bidders section of specs.

R-O-W MAP

NO.	COMMENT	ACTION TAKEN
1.	Demolition notification and fee must be submitted to TX Dept. of Health.	Covered in Special Provisions Section 7 of specifications. Added this agency to Sect. 1.6.C of technical specs.

REMOVAL PLAN

NO.	COMMENT	ACTION TAKEN
1.	Add note stating that Water service will be removed at 12" main on east side of Surveyor Blvd.	Met with Dave Wilde on site. Modified plan sheet per discussion.
2.	Add note stating that Sanitary sewer will be capped at main on west side of Surveyor Blvd.	Met with Dave Wilde on site. Modified plan sheet per discussion.
3.	Call out the address of the building	Added to sheet.
4.	Is a silt fence needed?	Yes - It is shown and called out on sheet 5, the SW3P.
5.	Need to show detail of new curb.	Referred to NTCOG Std. Drawing 2120, "Concrete Curb & Gutter".
6.	Show water and sewer lines in the topo.	Met with Dave Wilde on site. Modified plan sheet per discussion.
7.	Include a traffic control plan.	Added a Traffic Control Sheet.
8.	Add following notes: "Protect Existing Pavement" and "Protect Existing Building"	Notes added to sheet.
9.	Do we need to saw cut the pavement between the buildings.	Verify existing joint is on property line. If not, add note to saw cut. If so, add note to remove pavement up to existing joint.
10.	Show limits of pavement removal at driveways.	Added hatch and callouts showing pavement removal limits.

GRADING PLAN

NO.	COMMENT	ACTION TAKEN
1.	Hydromulch entire site and water until established.	Added note to specs to hydromulch with bermuda.
2.	Add note "All loose aggregate, debris & other material shall be removed & hauled away prior to final dressing & grading of property.	Added note.

SW3P

NO.	COMMENT	ACTION TAKEN
1.	Add note to "refer to BMP" to stabilize construction entrance.	Note added.
2.	Do we need silt fence?	Yes, but will change to have only one installation instead of two.

ASBESTOS INSPECTION REPORT

FOR

15109-15115 SURVEYOR BOULEVARD
ADDISON, TEXAS 75001

PREPARED FOR

TOWN OF ADDISON

DEPARTMENT OF PUBLIC WORKS

ETI ENVIRONMENTAL SERVICES
MESQUITE, TEXAS

TABLE OF CONTENTS

ETI Environmental Services

4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751
Fax (972) 279-6063

November 26, 2001

Town of Addison
Department of Public Works
P. O. Box 9010
Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services
15109-15115 Surveyor Boulevard, Addison, Texas 75001

Gentlemen:

As authorized, an asbestos inspection was performed on an office warehouse building located at 15109-15115 Surveyor Boulevard in Addison, Texas on November 14, 2001, by Eddie Taw of ETI Environmental Services.

Results of the inspection and laboratory analysis of bulk samples collected during the inspection are presented herein. Asbestos-containing materials (ACM) as defined by State and Federal regulations are any materials with an asbestos content greater than one (>1%) percent. Non-asbestos containing materials are any materials with an asbestos content of less than one (<1%) percent, and is not regulated under any current Federal, State or Local regulations.

SUMMARY OF ASBESTOS FINDINGS

08 - Sheet Floor Covering

Approximately 158 square feet of sheet floor covering located in the Men's and Women's Restrooms of 15111 Surveyor Blvd., as noted on the Location of ACM Drawing, contains about 65% chrysotile asbestos in the backing material. This material is classified as Category I Non-friable Materials under NESHAP regulations, and it is in good condition.

RECOMMENDATIONS

ETI Environmental Services recommends that the 158 square feet of asbestos-containing floor covering located in the Men's and Women's Restrooms in 15111 Surveyor remain in place for planned demolition activities and disposed of as construction debris.

INSPECTION AND SAMPLING PROCEDURES

All areas of the building were accessible for inspection. A Building Description and a Summary of Homogeneous Areas obtained during the inspection are presented herein.

ETI Environmental Services used a random convenience sampling strategy in order to collect all representative samples of suspect materials, both friable and non-friable. Sample locations were marked with paint or markers, and photographs were taken at each sample location. The Approximate Sample Location Drawing shows the location of each sample taken during the inspection process.

Results of the inspection that identifies sample locations, condition of suspect materials, and asbestos-containing materials present are presented on the Sample and Hazard Assessment Summary.

Assessments of each homogeneous area were made using the NESHAP Regulations and definitions under 40 CFR Part 61.

Asbestos bulk samples were submitted to a qualified independent laboratory, Steve Moody Micro services, Inc., for analysis. The results of these analyses are presented herein.

We thank you for this opportunity to be of service to the Town of Addison. Please call us if you have any questions or need further information.

Respectfully submitted,

ETI ENVIRONMENTAL SERVICES

Dianne K. Woo
Asbestos Consultant

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PROPERTY: 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001		Pg. 1 of 1
DATE OF INSPECTION: NOVEMBER 14, 2001	CLIENT: TOWN OF ADDISON, DEPT. OF PUBLIC WORKS	
CONTACT: MR. STEVE CHUTCHIAN, ASSISTANT ENGINEER	PHONE: 972-450-2886	FAX: 972-450-2837

GENERAL BUILDING DESCRIPTION
1. TYPE OF FACILITY: OFFICE WAREHOUSE BUILDING
2. YEAR OF CONSTRUCTION - ORIGINAL: UNKNOWN ADDITIONS: UNKNOWN REMODELING: UNKNOWN
3. TYPE OF BUILDING CONSTRUCTION: TILT-UP CONCRETE WALLS ON CONCRETE SLAB
4. NUMBER OF FLOORS: 1 BASEMENT: NO ATTIC: NO CRAWLSPACE: NO
5. TYPE OF ROOF: BUILT-UP ROOFING ON CORRUGATE METAL DECK
6. TYPE OF WALL - EXTERIOR: CONCRETE INTERIOR: CONCRETE AND SHEETROCK
7. TYPE OF CEILING: 2X4 CEILING PANELS
8. TYPE CEILING ABOVE CEILING: METAL ROOF DECK
9. TYPE OF LIGHTING: INCANOESCENT AND FLOURESCENT
10. TYPE OF SURFACE MATERIAL - CEILING: PANELS WALLS: PAINT
11. TYPE OF FLOORS: CARPET, FLOOR TILE AND FLOOR COVERING ON CONCRETE
12. BOILER ROOM / HOT WATER SYSTEM: HOT WATER HEATERS
13. TYPE OF HVAC: ROOF MOUNTED UNITS
14. BUILDING AREA IN APPROXIMATE SQUARE FOOTAGE: 29,600
GENERAL COMMENTS:
ASBESTOS FINDINGS (MATERIALS WITH CONTENT GREATER THAN 1%):
1. APPROXIMATELY 158 SQUARE FEET OF FLOOR COVERING IN MEN'S AND WOMEN'S RESTROOMS OF 15111 SURVEYOR BLVD. CONTAINS
ABOUT 65% CHRYSOTILE IN THE BACKING MATERIAL AND IS IN GOOD CONDITION UNDER NESHAP REGULATIONS.
CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055
CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

PROPERTY: 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001 | Pg: 1 of 1

DATE OF INSPECTION: NOVEMBER 14, 2001 | CLIENT: TOWN OF ADDISON, DEPARTMENT OF PUBLIC WORKS

HOMOGENEOUS AREA ID	NAME OF HOMOGENEOUS AREA	ASBESTOS TYPE & PERCENT (%)	ESTIMATED ACM SQUARE FEET OR LINEAR FEET	LOCATION OF ASBESTOS CONTAINING MATERIALS PRESENT
01	WALL MATERIAL	NONE DETECTED		15109 SURVEYOR BLVD.
02	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
03	12X12 FLOOR TILE & MASTIC	NONE DETECTED		
04	2X4 CEILING PANELS	NONE DETECTED		
05	WALL MATERIAL	NONE DETECTED		15111 SURVEYOR BLVD.
06	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
07	2X4 CEILING PANELS	NONE DETECTED		
08	FLOOR COVERING	CHRYSOTILE 65% - BACKING	158 SF	15111 SURVEYOR BOULEVARD IN MEN'S AND WOMEN'S RESTROOMS.
09	WALL MATERIAL	NONE DETECTED		15113 SURVEYOR BLVD.
10	2X4 CEILING PANELS	NONE DETECTED		
11	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
12	CARPET AND 12X12 FLOOR TILE & MASTIC	NONE DETECTED		
13	WALL MATERIAL	NONE DETECTED		15115 SURVEYOR BLVD.
14	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
15	12X12 FLOOR TILE & MASTIC	NONE DETECTED		
16	2X4 CEILING PANELS	NONE DETECTED		
17	ROOF FLASHING & MATERIAL	NONE DETECTED		ALL AREAS OF ROOF.

CONSULTANT: EDDIE TAW - TDH LICENCE NO. 10-5055

CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

CLIENT: TOWN OF ADDISON

ETI ENVIRONMENTAL SERVICES
ASBESTOS INSPECTION

SAMPLE AND HAZARD ASSESSMENT SUMMARY

PROPERTY: 15109 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001 | INSPECTION DATE(S): NOVEMBER 14, 2001 | Pg: 1 of 4

SAMPLE / PHOTO LOG					TYPE OF MATERIAL	NESHAP HAZARD ASSESSMENT			ESTIMATED QUANTITY SF,LF,EA	ASBESTOS TYPE & PERCENT (%)
SAMPLE #	P	ID	SAMPLE DESCRIPTION	SAMPLE LOCATION		CATEGORY	FRIABLE	OVERALL CONDITION		
109S-1	P	01	WALL MATERIAL	LARGE WORK ROOM - REAR WALL	SURFACE		NO	GOOD		NONE DETECTED
109S-2	P	02	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - FRONT CORNER	MISC	II	NO	GOOD		NONE DETECTED
109S-3	P	01	WALL MATERIAL	WOMEN'S RESTROOM	SURFACE		NO	GOOD		NONE DETECTED
109S-4	P	01	WALL MATERIAL	HALL TO RESTROOMS	SURFACE		NO	GOOD		NONE DETECTED
109S-5	P	02	WALL MATERIAL ON TAPE & BEDDING	MEN'S RESTROOM	MISC	II	NO	GOOD		NONE DETECTED
109S-6	P	02	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - BACK CORNER	MISC	II	NO	GOOD		NONE DETECTED
109S-7	P	03	12X12 FLOOR TILE & MASTIC	2 LAYERS - RESTROOM	MISC	I	NO	GOOD		NONE DETECTED
109S-8	P	03	12X12 FLOOR TILE & MASTIC	WOMEN'S RESTROOM	MISC	I	NO	GOOD		NONE DETECTED
109S-9	P	03	12X12 FLOOR TILE & MASTIC	MEN'S RESTROOM DOOR	MISC	I	NO	GOOD		NONE DETECTED
109S-10	P	04	2X4 CEILING PANEL	FOYER	MISC	II	YES	GOOD		NONE DETECTED
109S-11	P	04	2X4 CEILING PANEL	LARGE WORK ROOM	MISC	II	YES	GOOD		NONE DETECTED
109S-12	P	04	2X4 CEILING PANEL	OFFICE	MISC	II	YES	GOOD		NONE DETECTED

LEGEND

P = PHOTOGRAPH TAKEN
ID = BUILDING or HOMOGENEOUS AREA NUMBER

TYPE OF MATERIAL
S = SURFACING
T = THERMAL SYSTEM INSULATION
M = MISCELLANEOUS

NESHAPS CATEGORY
I = FLOORS
GASKETS
PACKINGS
ROOFING

II = ASBESTOS CEMENT
TRANSITE

FRIABLE = YES OR NO
OVERALL CONDITION = GOOD OR POOR

ESTIMATED QUANTITY:
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LF = LINEAR FEET
EA = EACH

ASBESTOS TYPE
AMO = AMOSITE
CRY = CHRYSOTILE
CRO = CROCIDOLITE
ACT = ACTINOLITE
TRM = TREMOLITE
MAS = MASTIC
* = POINT COUNTED

CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055

CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

FILE NO: 109S-7-1

COD-007A

CLIENT: TOWN OF ADDISON

ETI ENVIRONMENTAL SERVICES
ASBESTOS INSPECTION

SAMPLE AND HAZARD ASSESSMENT SUMMARY

PROPERTY: 15111 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001

INSPECTION DATE(S): NOVEMBER 14, 2001

SAMPLE / PHOTO LOG					TYPE OF MATERIAL	NESHAP HAZARD ASSESSMENT			ESTIMATED QUANTITY SF,LF,EA	ASBESTOS TYPE & PERCENT (%)
SAMPLE #	P	ID	SAMPLE DESCRIPTION	SAMPLE LOCATION		CATEGORY	FRIABLE	OVERALL CONDITION		
111S-1	P	05	WALL MATERIAL	LARGE WORK ROOM - LEFT SIDE	SURFACE		NO	GOOD		NONE DETECTED
111S-2	P	05	WALL MATERIAL	LARGE WORK ROOM - FRONT WALL	SURFACE		NO	GOOD		NONE DETECTED
111S-3	P	05	WALL MATERIAL	BACK RIGHT OFFICE	SURFACE		NO	GOOD		NONE DETECTED
111S-4	P	06	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - BACK WALL	MISC	II	NO	GOOD		NONE DETECTED
111S-5	P	06	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - LEFT FRONT	MISC	II	NO	GOOD		NONE DETECTED
111S-6	P	06	WALL MATERIAL ON TAPE & BEDDING	FRONT RIGHT OFFICE	MISC	II	NO	GOOD		NONE DETECTED
111S-7	P	07	2X4 CEILING PANEL	OFFICE HALL - RIGHT SIDE	MISC	II	YES	GOOD		NONE DETECTED
111S-8	P	07	2X4 CEILING PANEL	LARGE WORK ROOM - FRONT LEFT	MISC	II	YES	GOOD		NONE DETECTED
111S-9	P	07	2X4 CEILING PANEL	WOMEN'S RESTROOM	MISC	II	YES	GOOD		NONE DETECTED
111S-10	P	08	FLOOR COVERING	WOMEN'S RESTROOM	MISC	I	NO	GOOD	NOTE 1	CRY 65% - BACKING
111S-11	P	08	FLOOR COVERING	WOMEN'S RESTROOM	MISC	I	NO	GOOD	NOTE 1	CRY 65% - BACKING
111S-12	P	08	FLOOR COVERING	WOMEN'S RESTROOM	MISC	I	NO	GOOD	NOTE 1	CRY 65% - BACKING

NOTE 1: APPROXIMATE AMOUNT OF FLOOR COVERING IN THE MEN'S AND WOMEN'S RESTROOMS = 158 SQUARE FEET.

LEGEND

P = PHOTOGRAPH TAKEN
ID = BUILDING or HOMOGENEOUS AREA NUMBER

TYPE OF MATERIAL
S = SURFACING
T = THERMAL SYSTEM INSULATION
M = MISCELLANEOUS

NESHAPS CATEGORY
I = FLOORS
GASKETS
PACKINGS
ROOFING

II = ASBESTOS CEMENT
TRANSITE

FRIABLE = YES OR NO
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ESTIMATED QUANTITY:
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EA = EACH

ASBESTOS TYPE
AMO = AMOSITE
CRY = CHRYSOTILE
CRO = CROCIDOLITE
ACT = ACTINOLITE
TRM = TREMOLITE
MAS = MASTIC
* = POINT COUNTED

CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055

CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

FILE NO: 111S-7-2

CLIENT: TOWN OF ADDISON

ETI ENVIRONMENTAL SERVICES
ASBESTOS INSPECTION

SAMPLE AND HAZARD ASSESSMENT SUMMARY

PROPERTY: 15113 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001

INSPECTION DATE(S): NOVEMBER 14, 2001

SAMPLE / PHOTO LOG					TYPE OF MATERIAL	NESHAP HAZARD ASSESSMENT			ESTIMATED QUANTITY SF,LF,EA	ASBESTOS TYPE & PERCENT (%)
SAMPLE #	P	ID	SAMPLE DESCRIPTION	SAMPLE LOCATION		CATEGORY	FRIABLE	OVERALL CONDITION		
113S-1	P	09	WALL MATERIAL	BACK WAREHOUSE OFFICE	SURFACE		NO	GOOD		NONE DETECTED
113S-2	P	10	2X4 CEILING PANEL	BACK WAREHOUSE OFFICE	MISC	II	YES	GOOD		NONE DETECTED
113S-3	P	11	WALL MATERIAL ON TAPE & BEDDING	BACK WAREHOUSE OFFICE - CORNER	MISC	II	NO	GOOD		NONE DETECTED
113S-4	P	12	12X12 FLOOR TILE & MASTIC	RESTROOM FOYER	MISC	I	NO	GOOD		NONE DETECTED
113S-5	P	12	12X12 FLOOR TILE & MASTIC	RESTROOM FOYER	MISC	I	NO	GOOD		NONE DETECTED
113S-6	P	12	CARPET OVER 12X12 FLOOR TILE	RESTROOM FOYER	MISC	I	NO	GOOD		NONE DETECTED
113S-7	P	10	2X4 CEILING PANEL	RESTROOM	MISC	II	YES	GOOD		NONE DETECTED
113S-8	P	11	WALL MATERIAL ON TAPE & BEDDING	RESTROOM	MISC	II	NO	GOOD		NONE DETECTED
113S-9	P	09	WALL MATERIAL	FRONT WAREHOUSE	SURFACE		NO	GOOD		NONE DETECTED
113S-10	P	09	WALL MATERIAL	FRONT OFFICE AREA	SURFACE		NO	GOOD		NONE DETECTED
113S-11	P	11	WALL MATERIAL ON TAPE & BEDDING	FRONT OFFICE - RIGHT SIDE	MISC	II	NO	GOOD		NONE DETECTED
113S-12	P	10	2X4 CEILING PANEL	FRONT ENTRY AREA	MISC	II	YES	GOOD		NONE DETECTED

LEGEND

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T = THERMAL SYSTEM INSULATION
M = MISCELLANEOUS

NESHAPS CATEGORY
I = FLOORS
GASKETS
PACKINGS
ROOFING

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TRANSITE

FRIABLE = YES OR NO
OVERALL CONDITION = GOOD OR POOR

ESTIMATED QUANTITY:
SF = SQUARE FEET
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ASBESTOS TYPE
AMO = AMOSITE
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TRM = TREMOLITE
MAS = MASTIC
* = POINT COUNTED

CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055

CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

FILE NO: 113S-7-3

CLIENT: TOWN OF ADDISON

ETI ENVIRONMENTAL SERVICES
ASBESTOS INSPECTION

SAMPLE AND HAZARD ASSESSMENT SUMMARY

PROPERTY: 15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001

INSPECTION DATE(S): NOVEMBER 14, 2001

SAMPLE / PHOTO LOG					TYPE OF MATERIAL	NESHAP HAZARD ASSESSMENT			ESTIMATED QUANTITY SF,LF,EA	ASBESTOS TYPE & PERCENT (%)
SAMPLE #	P	ID	SAMPLE DESCRIPTION	SAMPLE LOCATION		CATEGORY	FRIABLE	OVERALL CONDITION		
115S-1	P	13	WALL MATERIAL	FRONT OFFICE - LEFT SIDE	SURFACE		NO	GOOD		NONE DETECTED
115S-2	P	13	WALL MATERIAL	MIDDLE OFFICE - RIGHT SIDE	SURFACE		NO	GOOD		NONE DETECTED
115S-3	P	13	WALL MATERIAL	BACK WAREHOUSE OFFICE	SURFACE		NO	GOOD		NONE DETECTED
115S-4	P	14	WALL MATERIAL ON TAPE & BEDDING	MIDDLE OFFICE - RIGHT SIDE	MISC	II	NO	GOOD		NONE DETECTED
115S-5	P	13	WALL MATERIAL	REAR WAREHOUSE OFFICE - LEFT	SURFACE		NO	GOOD		NONE DETECTED
115S-6	P	14	WALL MATERIAL ON TAPE & BEDDING	OPEN WORK AREA -BACK LEFT CORNER	MISC	II	NO	GOOD		NONE DETECTED
115S-7	P	14	WALL MATERIAL ON TAPE & BEDDING	OPEN WORK AREA - FRONT WALL	MISC	II	NO	GOOD		NONE DETECTED
115S-8	P	13	WALL MATERIAL	WALL IN FRONT OPEN WORK AREA	SURFACE		NO	GOOD		NONE DETECTED
115S-9	P	15	CARPET MASTIC OVER 12X12 FLOOR T	BACK WAREHOUSE OFFICE	MISC	I	NO	GOOD		NONE DETECTED
115S-10	P	15	12X12 FLOOR TILE & MASTIC	MIDDLE OFFICE AREA - LEFT SIDE	MISC	I	NO	GOOD		NONE DETECTED
115S-11	P	15	12X12 FLOOR TILE & MASTIC	BREAK ROOM	MISC	I	NO	GOOD		NONE DETECTED
115S-12	P	16	2X4 CEILING PANEL	BACK WAREHOUSE OFFICE	MISC	II	YES	GOOD		NONE DETECTED
115S-13	P	16	2X4 CEILING PANEL	OPEN WORK AREA - BACK SIDE	MISC	II	YES	GOOD		NONE DETECTED
115S-14	P	16	2X4 CEILING PANEL	WOMEN'S RESTROOM	MISC	II	YES	GOOD		NONE DETECTED
115S-15	P	14	TAPE & BEDDING ON SHEETROCK	WAREHOUSE - LEFT SIDE WALL	MISC	II	NO	GOOD		NONE DETECTED
115S-16	P	17	ROOF FLASHING MATERIAL	FRONT OVER 15109	MISC	I	NO	GOOD		NONE DETECTED
115S-17	P	17	ROOFING MATERIAL	MIDDLE AREA OVER 15115	MISC	I	NO	GOOD		NONE DETECTED
115S-18	P	17	ROOF FLASHING MATERIAL	AREA OVER 15115	MISC	I	NO	GOOD		NONE DETECTED

LEGEND

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TYPE OF MATERIAL
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T = THERMAL SYSTEM INSULATION
M = MISCELLANEOUS

NESHAPS CATEGORY
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TRANSITE

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ASBESTOS TYPE
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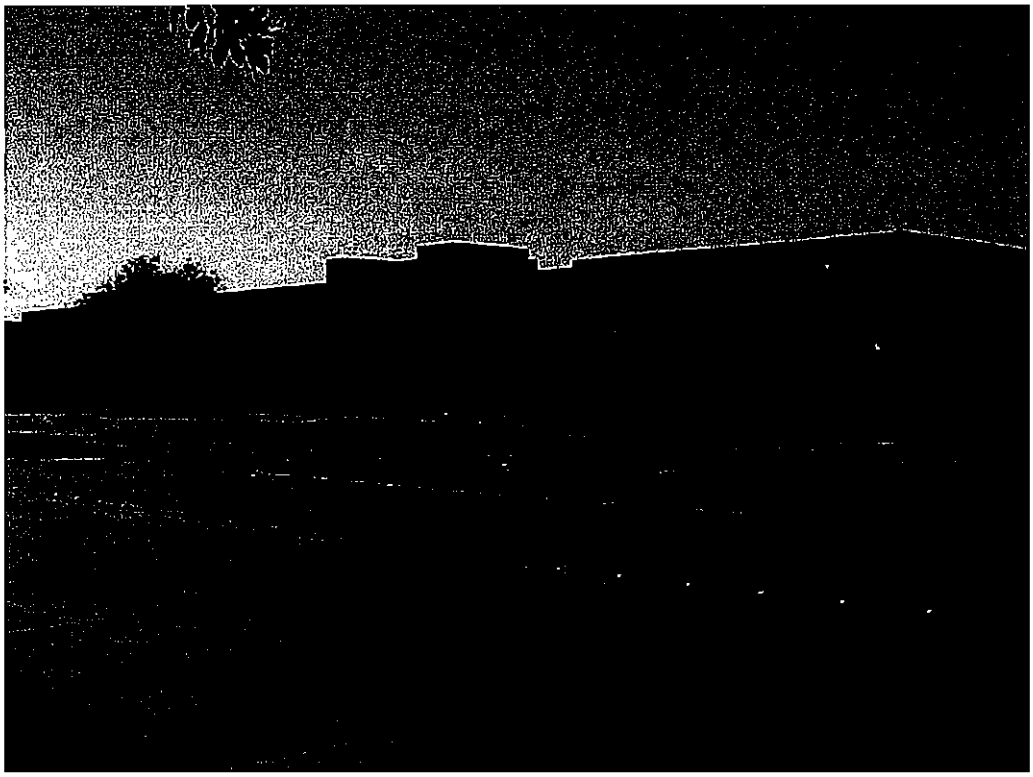
CRO = CROCIDOLITE
ACT = ACTINOLITE
TRM = TREMOLITE
MAS = MASTIC
* = POINT COUNTED

CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055

CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

FILE NO: 115S-7-4

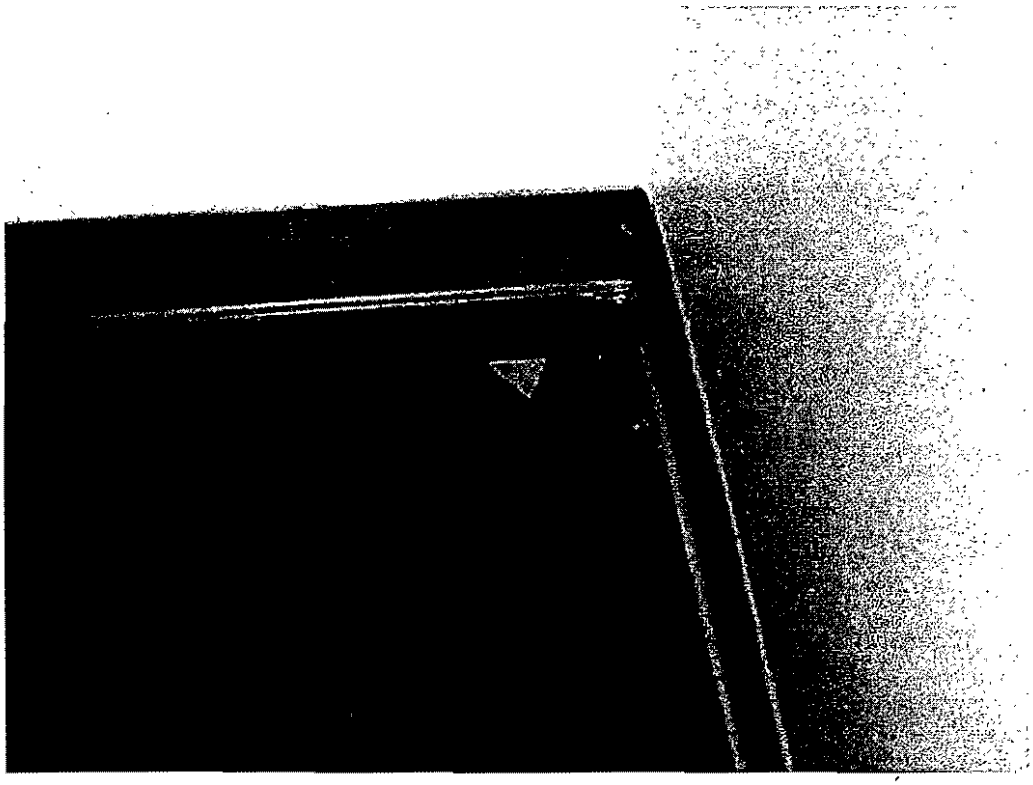
SELECTIVE ACM PHOTOGRAPHIC DOCUMENTATION
15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001



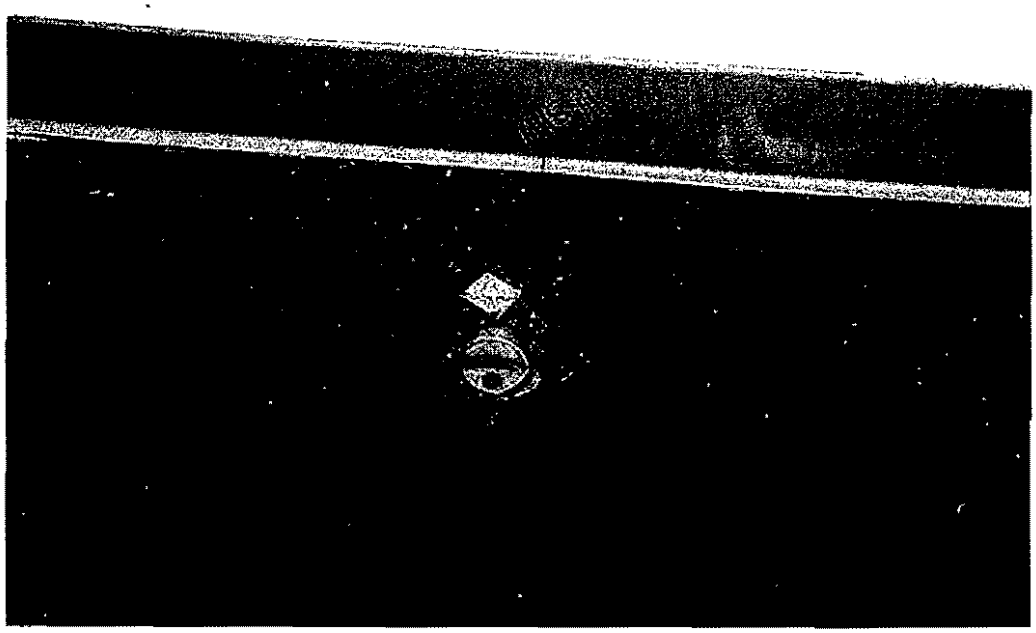
Front view of 15109-15115 Surveyor Boulevard.

View of rear of building.

SELECTIVE ACM PHOTOGRAPHIC DOCUMENTATION
15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001

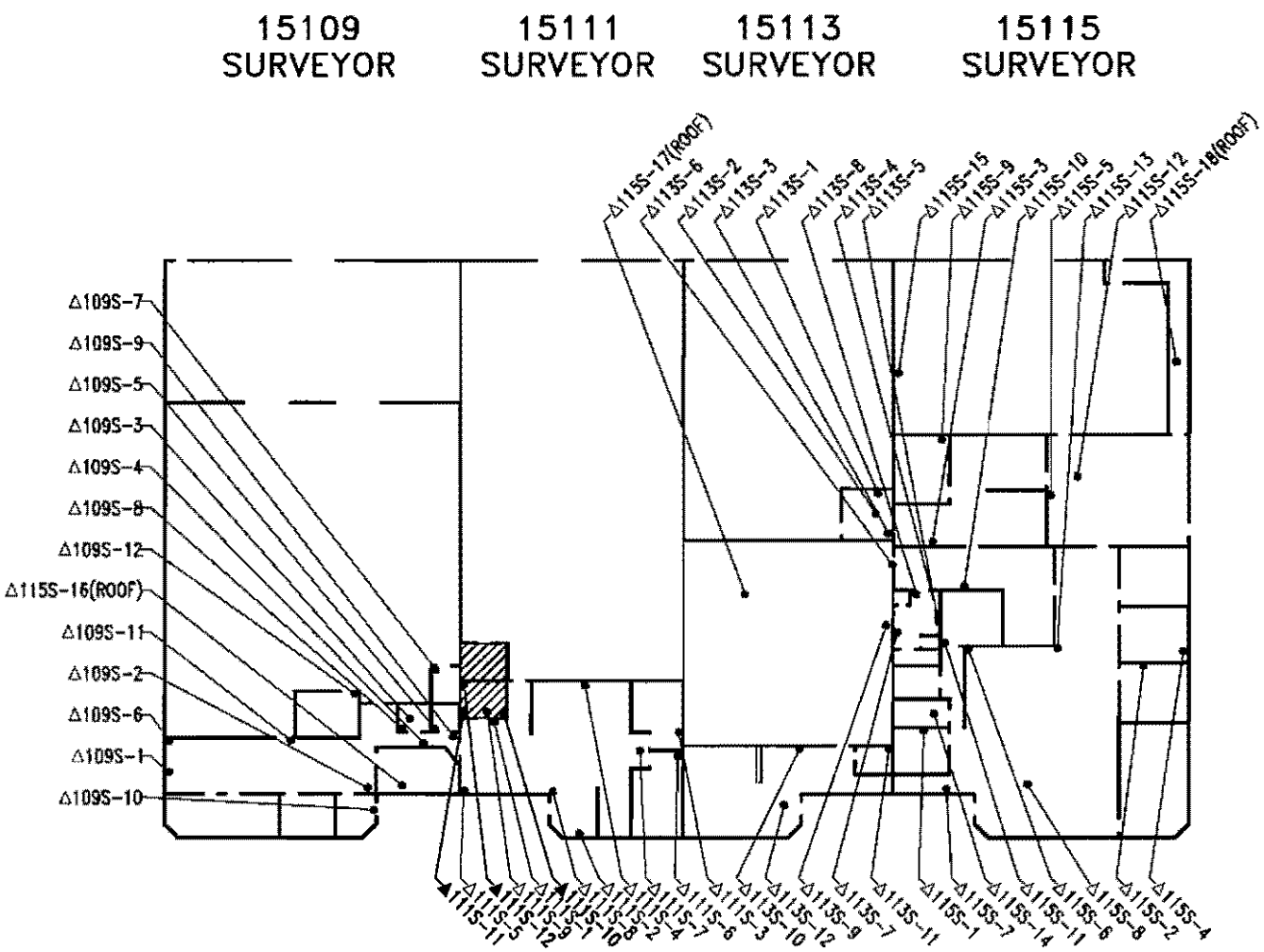


Sample No. 111S-10—ACM floor covering in the Men's and Women's Restroom in 15111 Surveyor.



Sample No. 111S-11—ACM floor covering in the Men's and Women's Restroom in 15111 Surveyor.

3



LEGEND

▲	ACM SAMPLE>1% ASBESTOS CONTENT
△	NON ACM SAMPLE<1% ASBESTOS CONTENT
▨	ACM FLOOR COVERING

0' 40'

ETI ENVIRONMENTAL SERVICES
Mesquite, Texas

APPROXIMATE SAMPLE LOCATION
LOCATION OF ACM

Town Of Addison
15109-15115 Surveyor Boulevard

DATE	SCALE	DRAWN BY	PAGE
11-25-01	1:40	ED WOO	

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12298

Project : 15109 Surveyor Blvd.
Report Date: 11/16/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
109S-1	Wall Material	None Detected - Drywall Material None Detected - Paint
109S-2	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Texture
109S-3	Wall Material, Women's Rest Room	None Detected - Drywall Material None Detected - Textured Paint
109S-4	Wall Material	None Detected - Drywall Material None Detected - Textured Paint
109S-5	Wall Material on Tape and Bedding Material on Sheetrock, Men's Rest Room	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Textured Paint
109S-6	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Texture
109S-7	12" x 12" Floor Tile with Yellow Glue over 12" x 12" Floor Tile with Yellow Glue	None Detected - Top Tile None Detected - Yellow Mastic None Detected - Bottom Tile None Detected - Yellow Mastic
109S-8	12" x 12" Floor Tile with Yellow Glue, Women's Rest Room	None Detected - Floor Tile None Detected - Yellow Mastic

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12298

Project : 15109 Surveyor Blvd.
Report Date: 11/16/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
109S-9	12" x 12" Floor Tile with Yellow Glue, at Men's Rest Room Door	None Detected - Floor Tile None Detected - Yellow Mastic
109S-10	2' x 4' Ceiling Panel, Foyer	None Detected - Ceiling Tile
109S-11	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
109S-12	2' x 4' Ceiling Panel, Office	None Detected - Ceiling Tile
109S-8	QC Sample	None Detected-Floor Tile None Detected-Yellow Mastic

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate.
Results may not be reproduced except in full. This test report relates only to the samples tested.
These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.
Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst : Steve Moody

Lab Director : Steve Moody Approved Signatory :

NVLAP

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-1**

Client Sample Description : **Wall Material**

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	40

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 **DW Paper Facing**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 **Paint**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Rubbery	NO	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pigment / Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-1**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-2**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	86

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Glass Fiber Mesh

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Fibrous	NO	100	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	100		Rods				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-2**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 5 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-2**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-3**

Client Sample Description : **Wall Material, Women's Rest Room**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	70

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Rubbery	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	10		Glass Foam				0		
Pigment / Binders	90		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-3**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-4**

Client Sample Description : **Wall Material**

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	70

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 **DW Paper Facing**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 **Textured Paint**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Rubbery	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	10		Glass Foam				0		
Pigment / Binders	90		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-4**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-5**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock, Men's Rest Room**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	84

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Glass Fiber Mesh

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Fibrous	NO	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	100		Rods				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-5**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-5**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock, Men's Rest Room**

Layer 5 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Rubbery	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	10		Glass Foam				0		
Pigment / Binders	90		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-5**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-6**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	79

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	6

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 3 Glass Fiber Mesh

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Fibrous	NO	100	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	100		Rods				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-6**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-6**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 5 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-6**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-7**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue over 12" x 12" Floor Tile with Yellow Glue**

Layer 1 Top Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Tan	Hard	YES	ND	ND	49

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 Bottom Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Hard	YES	ND	ND	49

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 4 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-7**

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NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-8**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue, Women's Rest Room**

Layer 1 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Hard	YES	ND	ND	99

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-8**

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NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-9**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue, at Men's Rest Room Door**

Layer 1 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Hard	YES	ND	ND	99

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : heat / melt

Asbestos Content : **None Detected**

Layer 2 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : heat / melt

Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-9**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-10**

Client Sample Description : **2' x 4' Ceiling Panel, Foyer**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	**Fibrous**	**YES**	**80**	**ND**	**100**

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	**50**		**ribbons**				**high**		
Mineral Wool Fibers	**30**		**Rods**				**0**		
Perlite	**20**		**Glass Foam**				**0**		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-10**

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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-11**

Client Sample Description : **2' x 4' Ceiling Panel** **Page 1 of 1**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-11**

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NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-12**

Client Sample Description : **2' x 4' Ceiling Panel, Office**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-12**

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TDH License# 30-008 | EPA Method 600/R-93/116

Client : **QC SAMPLES**

Sample # : **x1B-12298*109S-8**

Sample Analysis :

Layer 1 **Floor Tile**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Hard	NO	YES	ND	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Layer 2 **Yellow Mastic**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	NO	YES	ND	ND	<1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :

Analyst : **Robert W. Miracle**
Date : **11/16/01**

Sample # : **x1B-12298*109S-8**

ETI Environmental Services
4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop . Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

Eddie Taw
Asbestos Consultant

STEVE MOODY MICRO SERVICES, INC.

Receiver's Signature

11-16-01 8:01a
Date

IB - 12298

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12299

Project : 15111 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
111S-1	Wall Material	None Detected - Joint Compound None Detected - Texture None Detected - Textured Paint
111S-2	Wall Material	None Detected - Drywall Material None Detected - Texture None Detected - Textured Paint
111S-3	Wall Material	None Detected - Drywall Material None Detected - Texture None Detected - Textured Paint
111S-4	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Texture
111S-5	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Texture None Detected - Textured Paint
111S-6	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Texture None Detected - Textured Paint
111S-7	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
111S-8	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
111S-9	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
111S-10	Floor Covering, Rest Room	None Detected - Sheet Flooring 65% Chrysotile - Fiber Backing
111S-11	Floor Covering, Rest Room	None Detected - Sheet Flooring 65% Chrysotile - Fiber Backing

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12299

Project : 15111 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

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Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
111S-12	Floor Covering, Rest Room	None Detected - Sheet Flooring 65% Chrysotile - Fiber Backing
111S-4	QC Sample	None Detected-Drywall Material None Detected-Texture

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate.
Results may not be reproduced except in full. This test report relates only to the samples tested.
These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.
Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst : Steve Moody

Lab Director : Steve Moody

Approved Signatory :

NVLAP

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-1**

Client Sample Description : **Wall Material**

Layer 1 **DW Paper / Tape**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 **Joint Compound**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 3 **Texture**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	35

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 **Textured Paint**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pumice	10		Elongated Vessicles				0		
Pigment / Binders	90		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-1**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet | NVLAP Lab No. 102056
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-2**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	3	ND	87

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pumice	5		Elongated Vessicles				0		
Pigment / Binders	95		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-2**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-3**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	82

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	5		Glass Foam				0		
Pigment / Binders	95		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-3**

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet** | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-4**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	85

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/17/01**

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet**

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-5**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	82

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 **DW Paper / Tape**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 3 **DW Paper / Tape**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 4 **Texture**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-5**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-5**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 5 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	5		Glass Foam				0		
Pigment / Binders	95		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-5**

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet** | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-6**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	82

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/17/01**

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-6**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 5 **Textured Paint**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	5		Glass Foam				0		
Pigment / Binders	95		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-7**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-7**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-8**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-8**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-9**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 **Ceiling Tile**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-9**

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet**

TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-10**

Client Sample Description : **Floor Covering, Rest Room** **Page 1 of 1**

Layer 1 Sheet Flooring

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Brown	Tough	YES	ND	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Foam	70		Closed Cells						
Vinyl Binders	30		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 Fiber Backing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	65	65	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Chrysotile	65	15	silky / wavy	None	1.556	1.548	low	0	+
Binders / Fillers	35		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **65% Chrysotile**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-10**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-11**

Client Sample Description : **Floor Covering, Rest Room**

Layer 1 **Sheet Flooring**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Brown	Tough	YES	ND	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Foam	70		Closed Cells						
Vinyl Binders	30		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 **Fiber Backing**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	65	65	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Chrysotile	65	15	silky / wavy	None	1.556	1.548	low	0	+
Binders / Fillers	35		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **65% Chrysotile**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-11**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-12**

Client Sample Description : **Floor Covering, Rest Room**

Layer 1 Sheet Flooring

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Brown	Tough	YES	ND	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Foam	70		Closed Cells						
Vinyl Binders	30		Non-fibrous						

Prep/treatment : heat / melt

Asbestos Content : **None Detected**

Layer 2 Fiber Backing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	65	65	50

PLM Examination

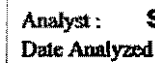
Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Chrysotile	65	15	silky / wavy	None	1.556	1.549	low	0	+
Binders / Fillers	35		Non-fibrous						

Prep/treatment : mechanical seperation

Asbestos Content : **65% Chrysotile**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**



Lab Job# : **x1B-12299** Sample # : **111S-12**

Steve Moody Micro Services, Inc.
TDH License# 30-008

QC Analysis Sheet
EPA Method 600/R-93/116

NVLAP Lab# 2056

Client : **QC SAMPLES**

Sample # : **x1B-12299*111S-4**

Sample Analysis :

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	1	ND	90

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	1		ribbons				high		
Gypsum / Binders	97		Non-fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Layer 2 **DW Paper Facing**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation**

Asbestos Content : **None Detected**

Layer 3 **Texture**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Robert W. Miracle**

Date : **11/17/01**

Sample # : **x1B-12299*111S-4**

ETI Environmental Services

4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop . Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

Eddie Taw
Asbestos Consultant

STEVE MOODY MICRO SERVICES, INC.

Receiver's Signature

11-16-01 8:00 am
Date

IB-12299

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12300

Project : 15113 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
113S-1	Wall Material	None Detected - Drywall Material None Detected - Texture
113S-2	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
113S-3	Wall Material on Tape & Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
113S-4	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic None Detected - Brown Mastic
113S-5	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic None Detected - Brown Mastic
113S-6	Carpet over 12" x 12" Floor Tile with Yellow Glue	None Detected - Carpet None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic
113S-7	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
113S-8	Wall Material on Tape & Bedding Material on Sheetrock, Rest Room	None Detected - Joint Compound None Detected - Wall Covering
113S-9	Wall Material	None Detected - Drywall Material None Detected - Texture
113S-10	Wall Material	None Detected - Drywall Material None Detected - Texture

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12300

Project : 15113 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
113S-11	Wall Material on Tape & Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
113S-12	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
113S-8	QC Sample	None Detected-Joint Compound None Detected-Texture None Detected-Wall Covering

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate.
Results may not be reproduced except in full. This test report relates only to the samples tested.
These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.
Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst : Steve Moody

Lab Director : Steve Moody Approved Signatory :

NVLAP

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-1**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	3	ND	90

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-1**

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet**
TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-2**

Client Sample Description : **2' x 4' Ceiling Panel** **Page 1 of 1**

Layer 1 **Ceiling Tile**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	70		ribbons				high		
Mineral Wool Fibers	10		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-2**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-3**

Client Sample Description : **Wall Material on Tape & Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	85

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-3**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-4**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue**

Layer 1 **Yellow Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 **Floor Tile**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Tan	Hard	YES	ND	ND	80

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 **Yellow Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 4 **Brown Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Brown	Hard	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-4**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-5**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue** **Page 1 of 1**

Layer 1 **Yellow Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 **Floor Tile**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Hard	YES	ND	ND	80

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 **Yellow Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 4 **Brown Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Brown	Hard	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-5**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-6**

Client Sample Description : **Carpet over 12" x 12" Floor Tile with Yellow Glue**

Layer 1 Carpet

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Blue	Fibrous	YES	85	ND	65

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Fibers	85		Monofilaments						
Glue Binders	15		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Hard	YES	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 4 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	<1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-6**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-7**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	70		ribbons				high		
Mineral Wool Fibers	10		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-7**

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet**
TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-8**

Client Sample Description : **Wall Material on Tape & Bedding Material on Sheetrock, Rest Room**

Layer 1 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	60

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : mechanical separation Asbestos Content : **None Detected**

Layer 2 DW Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Fibrous	YES	100	ND	15

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : mechanical separation Asbestos Content : **None Detected**

Layer 3 Wall Covering

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Violet	Tough	YES	50	ND	25

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Vinyl Facing	50		Non-fibrous						

Prep/treatment : mechanical separation Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-8**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-9**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	90

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-9**

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet**
TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-10**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	3	ND	90

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-10**

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet** | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-11**

Client Sample Description : **Wall Material on Tape & Bedding Material on Sheetrock** **Page 1 of 1**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	85

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Gypsum / Binders	98		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-11**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-12**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	60		ribbons				high		
Mineral Wool Fibers	20		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-12**

Steve Moody Micro Services, Inc. QC Analysis Sheet
TDH License# 30-008 EPA Method 600/R-93/116 NVLAP Lab# 2056

Client : **QC SAMPLES**

Sample # : **x1B-12300*113S-8**

Sample Analysis :

Layer 1 Joint Compound

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	ND	ND	55

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Tape

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Fibrous	YES	YES	100	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	ND	ND	25

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Wall Covering

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Tough	NO	YES	50	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Vinyl Facing	50		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Comments :

Analyst : **Robert W. Miracle**
Date : **11/17/01**

Sample # : **x1B-12300*113S-8**

ETI Environmental Services
4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop . Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

Eddie Taw
Asbestos Consultant

STEVE MOODY MICRO SERVICES, INC.

Receiver's Signature

11-16-01 8:00 am
Date

IB- 12300

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12301

Project : 15115 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
115S-1	Wall Material	None Detected - Drywall Material None Detected - Texture
115S-2	Wall Material	None Detected - Drywall Material None Detected - Texture
115S-3	Wall Material	None Detected - Drywall Material None Detected - Texture
115S-4	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
115S-5	Wall Material	None Detected - Drywall Material None Detected - Texture None Detected - Textured Paint
115S-6	Wall Material on Tape and Beddign Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
115S-7	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
115S-8	Wall Material	None Detected - Drywall Material None Detected - Texture
115S-9	Carpet Mastic over 12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12301

Project : 15115 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
115S-10	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic
115S-11	12" x 12" Floor Tile with Yellow Glue	None Detected - Floor Tile None Detected - Yellow Mastic
115S-12	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
115S-13	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
115S-14	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
115S-15	Tape and Bedding Material on Sheetrock, Warehouse	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
115S-16	Roof Flashing Material	None Detected - Silver Paint None Detected - Roofing Membrane None Detected - Roofing Tar None Detected - Underlayment
115S-17	Roofing Material	None Detected - Roofing Membrane None Detected - Underlayment
115S-18	Roof Flashing Material	None Detected - Roofing Membrane None Detected - Roofing Tar None Detected - Underlayment
115S-3	QC Sample	None Detected-Drywall Material None Detected-Texture
115S-13	QC Sample	None Detected-Ceiling Tile

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services

Lab Job No.: x1B-12301

Project : 15115 Surveyor Blvd.

Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate.
Results may not be reproduced except in full. This test report relates only to the samples tested.
These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.
Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst : Steve Moody

Lab Director : Steve Moody

Approved Signatory :

NVLAP

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet** | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-1**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	60

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Mica	<1		Plateletts / Books						
Gypsum / Binders	98		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-1**

Steve Moody Micro Services, Inc. — Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 — EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A — NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-2**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	1	ND	60

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	3		ribbons				high		
Gypsum / Binders	97		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-2**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-3**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	1	ND	60

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	3		ribbons				high		
Gypsum / Binders	97		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-3**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet | NVLAP Lab No. 102056
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-4**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	80

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Gypsum / Binders	98		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-4**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-5**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	88

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Gypsum / Binders	98		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Hard	YES	ND	ND	2

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	5		Glass Foam				0		
Pigment / Binders	95		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-5**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-6**

Client Sample Description : **Wall Material on Tape and Beddign Material on Sheetrock** **Page 1 of 1**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	3	ND	85

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-6**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-7**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 **DW Paper / Tape**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 **Joint Compound**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 **Texture**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-7**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-8**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	60

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-8**

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NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-9**

Client Sample Description : **Carpet Mastic over 12" x 12" Floor Tile with Yellow Glue**

Layer 1 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Layer 2 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Hard	YES	ND	ND	89

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Layer 3 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-9**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-10**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue** **Page 1 of 1**

Layer 1 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Hard	YES	ND	ND	89

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-10**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-11**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue** **Page 1 of 1**

Layer 1 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Tan	Hard	YES	ND	ND	90

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-11**

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-12**

Client Sample Description : **2' x 4' Ceiling Panel** **Page 1 of 1**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-12**

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Bulk Asbestos Analysis Sheet
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NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-13**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-13**

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NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-14**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-14**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-15**

Client Sample Description : **Tape and Bedding Material on Sheetrock, Warehouse** **Page 1 of 1**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	3	ND	80

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-15**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-16**

Client Sample Description : **Roof Flashing Material**

Layer 1 Silver Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Silver	Soft	NO	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pigment / Binders	100		Non-fibrous						

Prep/treatment : heat / melt — Asbestos Content : **None Detected**

Layer 2 Roofing Membrane

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Rubbery	YES	5	ND	59

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Fibers	15		Monofilaments						
Calcite	30		Non-fibrous				high		
Binders / Fillers	55		Non-fibrous						

Prep/treatment : heat / melt — Asbestos Content : **None Detected**

Layer 3 Roofing Tar

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Asphaltic	YES	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Tar Binders	100		Non-fibrous						

Prep/treatment : heat / melt — Asbestos Content : **None Detected**

Layer 4 Underlayment

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	80	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	80		ribbons				high		
Perlite	20		Glass Foam				0		

Prep/treatment : mechanical separation — Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-16**

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet** | NVLAP Lab No. 102056

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-17**

Client Sample Description : **Roofing Material**

Layer 1 Sand Layer

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Hard	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Aggregate	100		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 Roofing Membrane

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Rubbery	YES	5	ND	75

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Fibers	15		Monofilaments						
Calcite	30		Non-fibrous				high		
Binders / Fillers	55		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 Underlayment

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	80	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	80		ribbons				high		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/17/01**

SM

Lab Job# : **x1B-12301** Sample # : **115S-17**

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NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-18**

Client Sample Description : **Roof Flashing Material**

Layer 1 Sand Layer

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Hard	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Aggregate	100		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 Roofing Membrane

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Rubbery	YES	5	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Fibers	15		Monofilaments						
Calcite	30		Non-fibrous				high		
Binders / Fillers	55		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 Roofing Tar

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Asphaltic	YES	ND	ND	25

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Tar Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 4 Underlayment

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	80	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	80		ribbons				high		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-18**

Steve Moody Micro Services, Inc. | QC Analysis Sheet | NVLAP Lab# 2056
TDH License# 30-008 | EPA Method 600/R-93/116

Client : **QC SAMPLES**

Sample # : **x1B-12301*115S-3**

Sample Analysis :

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	3	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 **DW Paper Facing**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	YES	100	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 **Texture**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Robert W. Miracle**
Date : **11/17/01**

Sample # : **x1B-12301*115S-3**

Steve Moody Micro Services, Inc. | QC Analysis Sheet | NVLAP Lab# 2056
TDH License# 30-008 | EPA Method 600/R-93/116

Client : **QC SAMPLES**

Sample # : **x1B-12301*115S-13**

Sample Analysis :

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Robert W. Miracle**

Date : **11/17/01**

Sample # : **x1B-12301*115S-13**

ETI Environmental Services
4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop . Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

Eddie Taw
Asbestos Consultant

STEVE MOODY MICRO SERVICES, INC.

Receiver's Signature

11-16-01
Date

IB-12301

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Certificate of Accreditation

STEVE MOODY MICRO SERVICES, INC.
CARROLLTON, TX

Is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:

BULK ASBESTOS FIBER ANALYSIS

June 30, 2002
Effective through

For the National Institute of Standards and Technology

NVLAP Lab Code: 102056-0

NVLAP-01C (11-88)

TEXAS
DEPARTMENT OF HEALTH

BE IT KNOWN THAT

STEVE MOODY MICRO SERVICES, INC.

is Licensed and authorized to perform as an

Asbestos Laboratory
PLM, TEM

in the State of Texas within the purview of Texas Civil Statutes, Article 4477-3a,

according to the rules adopted by the Texas Board of Health.

30-0084
License Number

06/01/2001
Issue Date

05/31/2002
Expiration Date

This certificate is void after expiration date.

Todd F. Wingler, P.E.
Chief, Asbestos Programs Branch
Occupational Safety and Health Division

C. B. Bell MD
Charles B. Bell, M.D.
Executive Deputy Commissioner

VOID IF ALTERED NON-TRANSFERABLE

57626

McCRONE RESEARCH INSTITUTE

certifies that

Steven V. Moody

has successfully completed an intensive course of instruction in

"Microscopical Identification of Asbestos"

given by the McCrone Research Institute

Presented this 29th day of March, 1985

3.5 CEU's

McCRONE RESEARCH INSTITUTE

certifies that

Steven V. Moody

has successfully completed an intensive course of instruction in

"Advanced Asbestos Identification"

given by the McCrone Research Institute

Presented this 25th day of September, 1985

3.5 CEU's

TEXAS
DEPARTMENT OF HEALTH

BE IT KNOWN THAT

EDDIE TAW, INC./DBA
ETI ENVIRONMENTAL SERVICES

is Licensed and authorized to perform as an

Asbestos Consultant Agency

in the State of Texas within the purview of Texas Civil Statutes, Article 4477-3a, as amended, so long as this License is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

10-0016
License Number

01/06/2001
Issue Date

01/05/2002
Expiration Date

This certificate is void after expiration date.

Todd F. Wingler, P.E.
Chief, Asbestos Programs Branch
Occupational Safety and Health Division

Charles E. Bell, M.D.
Executive Deputy Commissioner

VOID IF ALTERED NON-TRANSFERABLE
55418

TEXAS
DEPARTMENT OF HEALTH

BE IT KNOWN THAT

EDDIE TAW, INC./DBA ETI
ENVIRONMENTAL SERVICES

is Licensed and authorized to perform as an

Asbestos Laboratory
PCM

in the State of Texas within the purview of Texas Civil Statutes, Article 4477-3a, as amended, so long as this License is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

30-0021
License Number

01/06/2001
Issue Date

01/05/2002
Expiration Date

This certificate is void after expiration date.

Todd F. Wingler, P.E.
Chief, Asbestos Programs Branch
Occupational Safety and Health Division

C. E. Bell, M.D.
Charles E. Bell, M.D.
Executive Deputy Commissioner

VOID IF ALTERED NON-TRANSFERABLE
55481

ASBESTOS INSPECTION REPORT

FOR

15109-15115 SURVEYOR BOULEVARD
ADDISON, TEXAS 75001

PREPARED FOR

TOWN OF ADDISON

DEPARTMENT OF PUBLIC WORKS

ETI ENVIRONMENTAL SERVICES
MESQUITE, TEXAS

TABLE OF CONTENTS

ETI Environmental Services

4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751
Fax (972) 279-6063

November 26, 2001

Town of Addison
Department of Public Works
P. O. Box 9010
Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services
15109-15115 Surveyor Boulevard, Addison, Texas 75001

Gentlemen:

As authorized, an asbestos inspection was performed on an office warehouse building located at 15109-15115 Surveyor Boulevard in Addison, Texas on November 14, 2001, by Eddie Taw of ETI Environmental Services.

Results of the inspection and laboratory analysis of bulk samples collected during the inspection are presented herein. Asbestos-containing materials (ACM) as defined by State and Federal regulations are any materials with an asbestos content greater than one (>1%) percent. Non-asbestos containing materials are any materials with an asbestos content of less than one (<1%) percent, and is not regulated under any current Federal, State or Local regulations.

SUMMARY OF ASBESTOS FINDINGS

08 - Sheet Floor Covering

Approximately 158 square feet of sheet floor covering located in the Men's and Women's Restrooms of 15111 Surveyor Blvd., as noted on the Location of ACM Drawing, contains about 65% chrysotile asbestos in the backing material. This material is classified as Category I Non-friable Materials under NESHAP regulations, and it is in good condition.

RECOMMENDATIONS

ETI Environmental Services recommends that the 158 square feet of asbestos-containing floor covering located in the Men's and Women's Restrooms in 15111 Surveyor remain in place for planned demolition activities and disposed of as construction debris.

INSPECTION AND SAMPLING PROCEDURES

All areas of the building were accessible for inspection. A Building Description and a Summary of Homogeneous Areas obtained during the inspection are presented herein.

ETI Environmental Services used a random convenience sampling strategy in order to collect all representative samples of suspect materials, both friable and non-friable. Sample locations were marked with paint or markers, and photographs were taken at each sample location. The Approximate Sample Location Drawing shows the location of each sample taken during the inspection process.

Results of the inspection that identifies sample locations, condition of suspect materials, and asbestos-containing materials present are presented on the Sample and Hazard Assessment Summary.

Assessments of each homogeneous area were made using the NESHAP Regulations and definitions under 40 CFR Part 61.

Asbestos bulk samples were submitted to a qualified independent laboratory, Steve Moody Micro services, Inc., for analysis. The results of these analyses are presented herein.

We thank you for this opportunity to be of service to the Town of Addison. Please call us if you have any questions or need further information.

Respectfully submitted,

ETI ENVIRONMENTAL SERVICES

Dianne K. Woo
Asbestos Consultant

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PROPERTY: 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001		Pg. 1 of 1
DATE OF INSPECTION: NOVEMBER 14, 2001	CLIENT: TOWN OF ADDISON, DEPT. OF PUBLIC WORKS	
CONTACT: MR. STEVE CHUTCHIAN, ASSISTANT ENGINEER	PHONE: 972-450-2886	FAX: 972-450-2837

GENERAL BUILDING DESCRIPTION
1. TYPE OF FACILITY: OFFICE WAREHOUSE BUILDING
2. YEAR OF CONSTRUCTION - ORIGINAL: UNKNOWN ADDITIONS: UNKNOWN REMODELING: UNKNOWN
3. TYPE OF BUILDING CONSTRUCTION: TILT-UP CONCRETE WALLS ON CONCRETE SLAB
4. NUMBER OF FLOORS: 1 BASEMENT: NO ATTIC: NO CRAWLSPACE: NO
5. TYPE OF ROOF: BUILT-UP ROOFING ON CORRUGATE METAL DECK
6. TYPE OF WALL - EXTERIOR: CONCRETE INTERIOR: CONCRETE AND SHEETROCK
7. TYPE OF CEILING: 2X4 CEILING PANELS
8. TYPE CEILING ABOVE CEILING: METAL ROOF DECK
9. TYPE OF LIGHTING: INCANOESCENT AND FLOURESCENT
10. TYPE OF SURFACE MATERIAL - CEILING: PANELS WALLS: PAINT
11. TYPE OF FLOORS: CARPET, FLOOR TILE AND FLOOR COVERING ON CONCRETE
12. BOILER ROOM / HOT WATER SYSTEM: HOT WATER HEATERS
13. TYPE OF HVAC: ROOF MOUNTED UNITS
14. BUILDING AREA IN APPROXIMATE SQUARE FOOTAGE: 29,600
GENERAL COMMENTS:
ASBESTOS FINDINGS (MATERIALS WITH CONTENT GREATER THAN 1%):
1. APPROXIMATELY 158 SQUARE FEET OF FLOOR COVERING IN MEN'S AND WOMEN'S RESTROOMS OF 15111 SURVEYOR BLVD. CONTAINS
ABOUT 65% CHRYSOTILE IN THE BACKING MATERIAL AND IS IN GOOD CONDITION UNDER NESHAP REGULATIONS.
CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055
CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

PROPERTY: 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001 | Pg: 1 of 1

DATE OF INSPECTION: NOVEMBER 14, 2001 | CLIENT: TOWN OF ADDISON, DEPARTMENT OF PUBLIC WORKS

HOMOGENEOUS AREA ID	NAME OF HOMOGENEOUS AREA	ASBESTOS TYPE & PERCENT (%)	ESTIMATED ACM SQUARE FEET OR LINEAR FEET	LOCATION OF ASBESTOS CONTAINING MATERIALS PRESENT
01	WALL MATERIAL	NONE DETECTED		15109 SURVEYOR BLVD.
02	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
03	12X12 FLOOR TILE & MASTIC	NONE DETECTED		
04	2X4 CEILING PANELS	NONE DETECTED		
05	WALL MATERIAL	NONE DETECTED		15111 SURVEYOR BLVD.
06	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
07	2X4 CEILING PANELS	NONE DETECTED		
08	FLOOR COVERING	CHRYSOTILE 65% - BACKING	158 SF	15111 SURVEYOR BOULEVARD IN MEN'S AND WOMEN'S RESTROOMS.
09	WALL MATERIAL	NONE DETECTED		15113 SURVEYOR BLVD.
10	2X4 CEILING PANELS	NONE DETECTED		
11	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
12	CARPET AND 12X12 FLOOR TILE & MASTIC	NONE DETECTED		
13	WALL MATERIAL	NONE DETECTED		15115 SURVEYOR BLVD.
14	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
15	12X12 FLOOR TILE & MASTIC	NONE DETECTED		
16	2X4 CEILING PANELS	NONE DETECTED		
17	ROOF FLASHING & MATERIAL	NONE DETECTED		ALL AREAS OF ROOF.

CONSULTANT: EDDIE TAW - TDH LICENCE NO. 10-5055

CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

CLIENT: TOWN OF ADDISON

ETI ENVIRONMENTAL SERVICES
ASBESTOS INSPECTION

SAMPLE AND HAZARD ASSESSMENT SUMMARY

PROPERTY: 15109 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001 | INSPECTION DATE(S): NOVEMBER 14, 2001 | Pg: 1 of 4

SAMPLE / PHOTO LOG					TYPE OF MATERIAL	NESHAP HAZARD ASSESSMENT			ESTIMATED QUANTITY SF,LF,EA	ASBESTOS TYPE & PERCENT (%)
SAMPLE #	P	ID	SAMPLE DESCRIPTION	SAMPLE LOCATION		CATEGORY	FRIABLE	OVERALL CONDITION		
109S-1	P	01	WALL MATERIAL	LARGE WORK ROOM - REAR WALL	SURFACE		NO	GOOD		NONE DETECTED
109S-2	P	02	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - FRONT CORNER	MISC	II	NO	GOOD		NONE DETECTED
109S-3	P	01	WALL MATERIAL	WOMEN'S RESTROOM	SURFACE		NO	GOOD		NONE DETECTED
109S-4	P	01	WALL MATERIAL	HALL TO RESTROOMS	SURFACE		NO	GOOD		NONE DETECTED
109S-5	P	02	WALL MATERIAL ON TAPE & BEDDING	MEN'S RESTROOM	MISC	II	NO	GOOD		NONE DETECTED
109S-6	P	02	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - BACK CORNER	MISC	II	NO	GOOD		NONE DETECTED
109S-7	P	03	12X12 FLOOR TILE & MASTIC	2 LAYERS - RESTROOM	MISC	I	NO	GOOD		NONE DETECTED
109S-8	P	03	12X12 FLOOR TILE & MASTIC	WOMEN'S RESTROOM	MISC	I	NO	GOOD		NONE DETECTED
109S-9	P	03	12X12 FLOOR TILE & MASTIC	MEN'S RESTROOM DOOR	MISC	I	NO	GOOD		NONE DETECTED
109S-10	P	04	2X4 CEILING PANEL	FOYER	MISC	II	YES	GOOD		NONE DETECTED
109S-11	P	04	2X4 CEILING PANEL	LARGE WORK ROOM	MISC	II	YES	GOOD		NONE DETECTED
109S-12	P	04	2X4 CEILING PANEL	OFFICE	MISC	II	YES	GOOD		NONE DETECTED

LEGEND

P = PHOTOGRAPH TAKEN
ID = BUILDING or HOMOGENEOUS AREA NUMBER

TYPE OF MATERIAL
S = SURFACING
T = THERMAL SYSTEM INSULATION
M = MISCELLANEOUS

NESHAPS CATEGORY
I = FLOORS
GASKETS
PACKINGS
ROOFING

II = ASBESTOS CEMENT
TRANSITE

FRIABLE = YES OR NO
OVERALL CONDITION = GOOD OR POOR

ESTIMATED QUANTITY:
SF = SQUARE FEET
LF = LINEAR FEET
EA = EACH

ASBESTOS TYPE
AMO = AMOSITE
CRY = CHRYSOTILE
CRO = CROCIDOLITE
ACT = ACTINOLITE
TRM = TREMOLITE
MAS = MASTIC
* = POINT COUNTED

CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055

CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

FILE NO: 109S-7-1

COD-007A

CLIENT: TOWN OF ADDISON

ETI ENVIRONMENTAL SERVICES
ASBESTOS INSPECTION

SAMPLE AND HAZARD ASSESSMENT SUMMARY

PROPERTY: 15111 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001

INSPECTION DATE(S): NOVEMBER 14, 2001

SAMPLE / PHOTO LOG					TYPE OF MATERIAL	NESHAP HAZARD ASSESSMENT			ESTIMATED QUANTITY SF,LF,EA	ASBESTOS TYPE & PERCENT (%)
SAMPLE #	P	ID	SAMPLE DESCRIPTION	SAMPLE LOCATION		CATEGORY	FRIABLE	OVERALL CONDITION		
111S-1	P	05	WALL MATERIAL	LARGE WORK ROOM - LEFT SIDE	SURFACE		NO	GOOD		NONE DETECTED
111S-2	P	05	WALL MATERIAL	LARGE WORK ROOM - FRONT WALL	SURFACE		NO	GOOD		NONE DETECTED
111S-3	P	05	WALL MATERIAL	BACK RIGHT OFFICE	SURFACE		NO	GOOD		NONE DETECTED
111S-4	P	06	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - BACK WALL	MISC	II	NO	GOOD		NONE DETECTED
111S-5	P	06	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - LEFT FRONT	MISC	II	NO	GOOD		NONE DETECTED
111S-6	P	06	WALL MATERIAL ON TAPE & BEDDING	FRONT RIGHT OFFICE	MISC	II	NO	GOOD		NONE DETECTED
111S-7	P	07	2X4 CEILING PANEL	OFFICE HALL - RIGHT SIDE	MISC	II	YES	GOOD		NONE DETECTED
111S-8	P	07	2X4 CEILING PANEL	LARGE WORK ROOM - FRONT LEFT	MISC	II	YES	GOOD		NONE DETECTED
111S-9	P	07	2X4 CEILING PANEL	WOMEN'S RESTROOM	MISC	II	YES	GOOD		NONE DETECTED
111S-10	P	08	FLOOR COVERING	WOMEN'S RESTROOM	MISC	I	NO	GOOD	NOTE 1	CRY 65% - BACKING
111S-11	P	08	FLOOR COVERING	WOMEN'S RESTROOM	MISC	I	NO	GOOD	NOTE 1	CRY 65% - BACKING
111S-12	P	08	FLOOR COVERING	WOMEN'S RESTROOM	MISC	I	NO	GOOD	NOTE 1	CRY 65% - BACKING

NOTE 1: APPROXIMATE AMOUNT OF FLOOR COVERING IN THE MEN'S AND WOMEN'S RESTROOMS = 158 SQUARE FEET.

LEGEND

P = PHOTOGRAPH TAKEN
ID = BUILDING or HOMOGENEOUS AREA NUMBER

TYPE OF MATERIAL
S = SURFACING
T = THERMAL SYSTEM INSULATION
M = MISCELLANEOUS

NESHAPS CATEGORY
I = FLOORS
GASKETS
PACKINGS
ROOFING

II = ASBESTOS CEMENT
TRANSITE

FRIABLE = YES OR NO
OVERALL CONDITION = GOOD OR POOR

ESTIMATED QUANTITY:
SF = SQUARE FEET
LF = LINEAR FEET
EA = EACH

ASBESTOS TYPE
AMO = AMOSITE
CRY = CHRYSOTILE
CRO = CROCIDOLITE
ACT = ACTINOLITE
TRM = TREMOLITE
MAS = MASTIC
* = POINT COUNTED

CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055

CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

FILE NO: 111S-7-2

CLIENT: TOWN OF ADDISON

ETI ENVIRONMENTAL SERVICES
ASBESTOS INSPECTION

SAMPLE AND HAZARD ASSESSMENT SUMMARY

PROPERTY: 15113 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001

INSPECTION DATE(S): NOVEMBER 14, 2001

SAMPLE / PHOTO LOG					TYPE OF MATERIAL	NESHAP HAZARD ASSESSMENT			ESTIMATED QUANTITY SF,LF,EA	ASBESTOS TYPE & PERCENT (%)
SAMPLE #	P	ID	SAMPLE DESCRIPTION	SAMPLE LOCATION		CATEGORY	FRIABLE	OVERALL CONDITION		
113S-1	P	09	WALL MATERIAL	BACK WAREHOUSE OFFICE	SURFACE		NO	GOOD		NONE DETECTED
113S-2	P	10	2X4 CEILING PANEL	BACK WAREHOUSE OFFICE	MISC	II	YES	GOOD		NONE DETECTED
113S-3	P	11	WALL MATERIAL ON TAPE & BEDDING	BACK WAREHOUSE OFFICE - CORNER	MISC	II	NO	GOOD		NONE DETECTED
113S-4	P	12	12X12 FLOOR TILE & MASTIC	RESTROOM FOYER	MISC	I	NO	GOOD		NONE DETECTED
113S-5	P	12	12X12 FLOOR TILE & MASTIC	RESTROOM FOYER	MISC	I	NO	GOOD		NONE DETECTED
113S-6	P	12	CARPET OVER 12X12 FLOOR TILE	RESTROOM FOYER	MISC	I	NO	GOOD		NONE DETECTED
113S-7	P	10	2X4 CEILING PANEL	RESTROOM	MISC	II	YES	GOOD		NONE DETECTED
113S-8	P	11	WALL MATERIAL ON TAPE & BEDDING	RESTROOM	MISC	II	NO	GOOD		NONE DETECTED
113S-9	P	09	WALL MATERIAL	FRONT WAREHOUSE	SURFACE		NO	GOOD		NONE DETECTED
113S-10	P	09	WALL MATERIAL	FRONT OFFICE AREA	SURFACE		NO	GOOD		NONE DETECTED
113S-11	P	11	WALL MATERIAL ON TAPE & BEDDING	FRONT OFFICE - RIGHT SIDE	MISC	II	NO	GOOD		NONE DETECTED
113S-12	P	10	2X4 CEILING PANEL	FRONT ENTRY AREA	MISC	II	YES	GOOD		NONE DETECTED

LEGEND

P = PHOTOGRAPH TAKEN
ID = BUILDING or HOMOGENEOUS AREA NUMBER

TYPE OF MATERIAL
S = SURFACING
T = THERMAL SYSTEM INSULATION
M = MISCELLANEOUS

NESHAPS CATEGORY
I = FLOORS
GASKETS
PACKINGS
ROOFING

II = ASBESTOS CEMENT
TRANSITE

FRIABLE = YES OR NO
OVERALL CONDITION = GOOD OR POOR

ESTIMATED QUANTITY:
SF = SQUARE FEET
LF = LINEAR FEET
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ASBESTOS TYPE
AMO = AMOSITE
CRY = CHRYSOTILE
CRO = CROCIDOLITE
ACT = ACTINOLITE
TRM = TREMOLITE
MAS = MASTIC
* = POINT COUNTED

CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055

CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

FILE NO: 113S-7-3

CLIENT: TOWN OF ADDISON

ETI ENVIRONMENTAL SERVICES
ASBESTOS INSPECTION

SAMPLE AND HAZARD ASSESSMENT SUMMARY

PROPERTY: 15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001

INSPECTION DATE(S): NOVEMBER 14, 2001

SAMPLE / PHOTO LOG					TYPE OF MATERIAL	NESHAP HAZARD ASSESSMENT			ESTIMATED QUANTITY SF,LF,EA	ASBESTOS TYPE & PERCENT (%)
SAMPLE #	P	ID	SAMPLE DESCRIPTION	SAMPLE LOCATION		CATEGORY	FRIABLE	OVERALL CONDITION		
115S-1	P	13	WALL MATERIAL	FRONT OFFICE - LEFT SIDE	SURFACE		NO	GOOD		NONE DETECTED
115S-2	P	13	WALL MATERIAL	MIDDLE OFFICE - RIGHT SIDE	SURFACE		NO	GOOD		NONE DETECTED
115S-3	P	13	WALL MATERIAL	BACK WAREHOUSE OFFICE	SURFACE		NO	GOOD		NONE DETECTED
115S-4	P	14	WALL MATERIAL ON TAPE & BEDDING	MIDDLE OFFICE - RIGHT SIDE	MISC	II	NO	GOOD		NONE DETECTED
115S-5	P	13	WALL MATERIAL	REAR WAREHOUSE OFFICE - LEFT	SURFACE		NO	GOOD		NONE DETECTED
115S-6	P	14	WALL MATERIAL ON TAPE & BEDDING	OPEN WORK AREA -BACK LEFT CORNER	MISC	II	NO	GOOD		NONE DETECTED
115S-7	P	14	WALL MATERIAL ON TAPE & BEDDING	OPEN WORK AREA - FRONT WALL	MISC	II	NO	GOOD		NONE DETECTED
115S-8	P	13	WALL MATERIAL	WALL IN FRONT OPEN WORK AREA	SURFACE		NO	GOOD		NONE DETECTED
115S-9	P	15	CARPET MASTIC OVER 12X12 FLOOR T	BACK WAREHOUSE OFFICE	MISC	I	NO	GOOD		NONE DETECTED
115S-10	P	15	12X12 FLOOR TILE & MASTIC	MIDDLE OFFICE AREA - LEFT SIDE	MISC	I	NO	GOOD		NONE DETECTED
115S-11	P	15	12X12 FLOOR TILE & MASTIC	BREAK ROOM	MISC	I	NO	GOOD		NONE DETECTED
115S-12	P	16	2X4 CEILING PANEL	BACK WAREHOUSE OFFICE	MISC	II	YES	GOOD		NONE DETECTED
115S-13	P	16	2X4 CEILING PANEL	OPEN WORK AREA - BACK SIDE	MISC	II	YES	GOOD		NONE DETECTED
115S-14	P	16	2X4 CEILING PANEL	WOMEN'S RESTROOM	MISC	II	YES	GOOD		NONE DETECTED
115S-15	P	14	TAPE & BEDDING ON SHEETROCK	WAREHOUSE - LEFT SIDE WALL	MISC	II	NO	GOOD		NONE DETECTED
115S-16	P	17	ROOF FLASHING MATERIAL	FRONT OVER 15109	MISC	I	NO	GOOD		NONE DETECTED
115S-17	P	17	ROOFING MATERIAL	MIDDLE AREA OVER 15115	MISC	I	NO	GOOD		NONE DETECTED
115S-18	P	17	ROOF FLASHING MATERIAL	AREA OVER 15115	MISC	I	NO	GOOD		NONE DETECTED

LEGEND

P = PHOTOGRAPH TAKEN
ID = BUILDING or HOMOGENEOUS AREA NUMBER

TYPE OF MATERIAL
S = SURFACING
T = THERMAL SYSTEM INSULATION
M = MISCELLANEOUS

NESHAPS CATEGORY
I = FLOORS
GASKETS
PACKINGS
ROOFING

II = ASBESTOS CEMENT
TRANSITE

FRIABLE = YES OR NO
OVERALL CONDITION = GOOD OR POOR

ESTIMATED QUANTITY:
SF = SQUARE FEET
LF = LINEAR FEET
EA = EACH

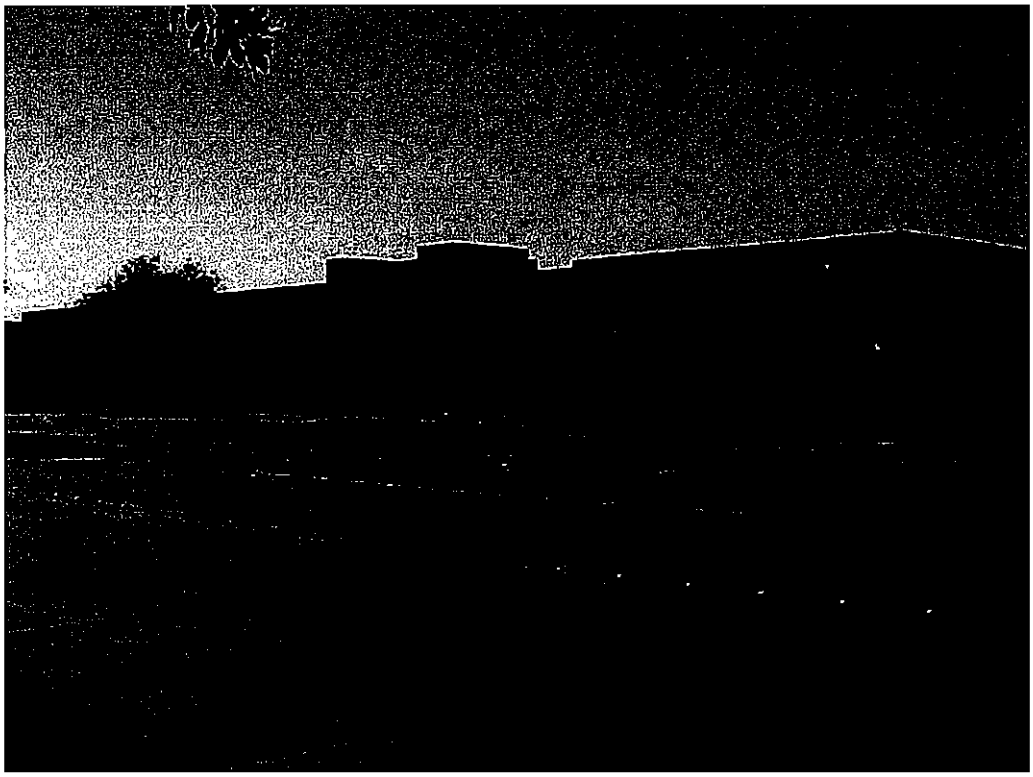
ASBESTOS TYPE
AMO = AMOSITE
CRY = CHRYSOTILE
CRO = CROCIDOLITE
ACT = ACTINOLITE
TRM = TREMOLITE
MAS = MASTIC
* = POINT COUNTED

CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055

CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

FILE NO: 115S-7-4

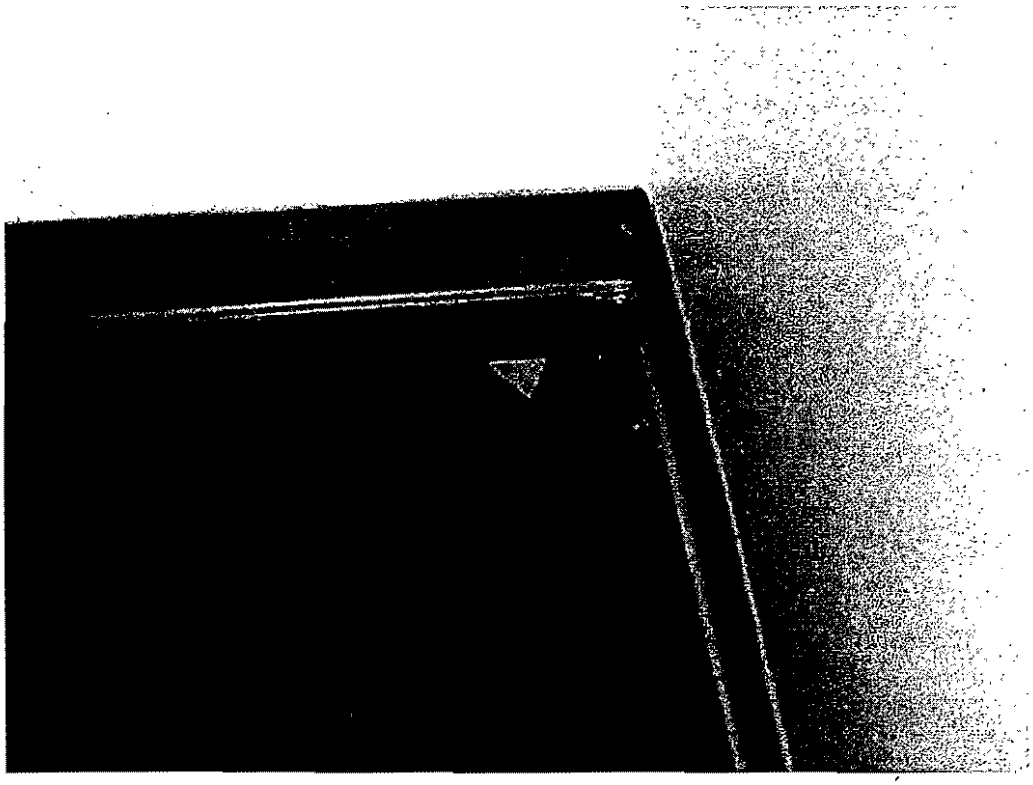
SELECTIVE ACM PHOTOGRAPHIC DOCUMENTATION
15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001



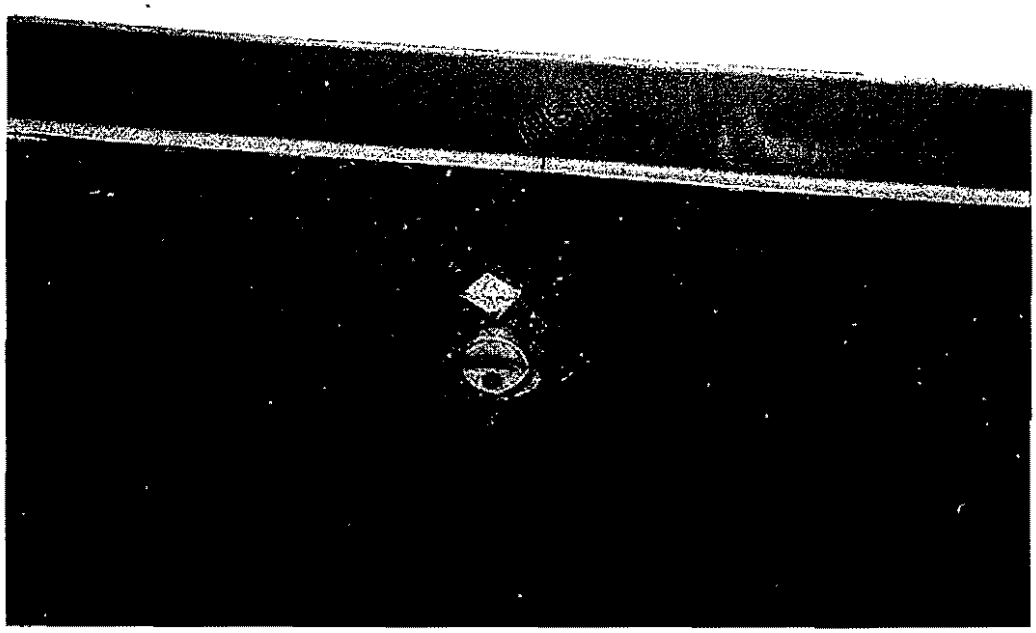
Front view of 15109-15115 Surveyor Boulevard.

View of rear of building.

SELECTIVE ACM PHOTOGRAPHIC DOCUMENTATION
15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001

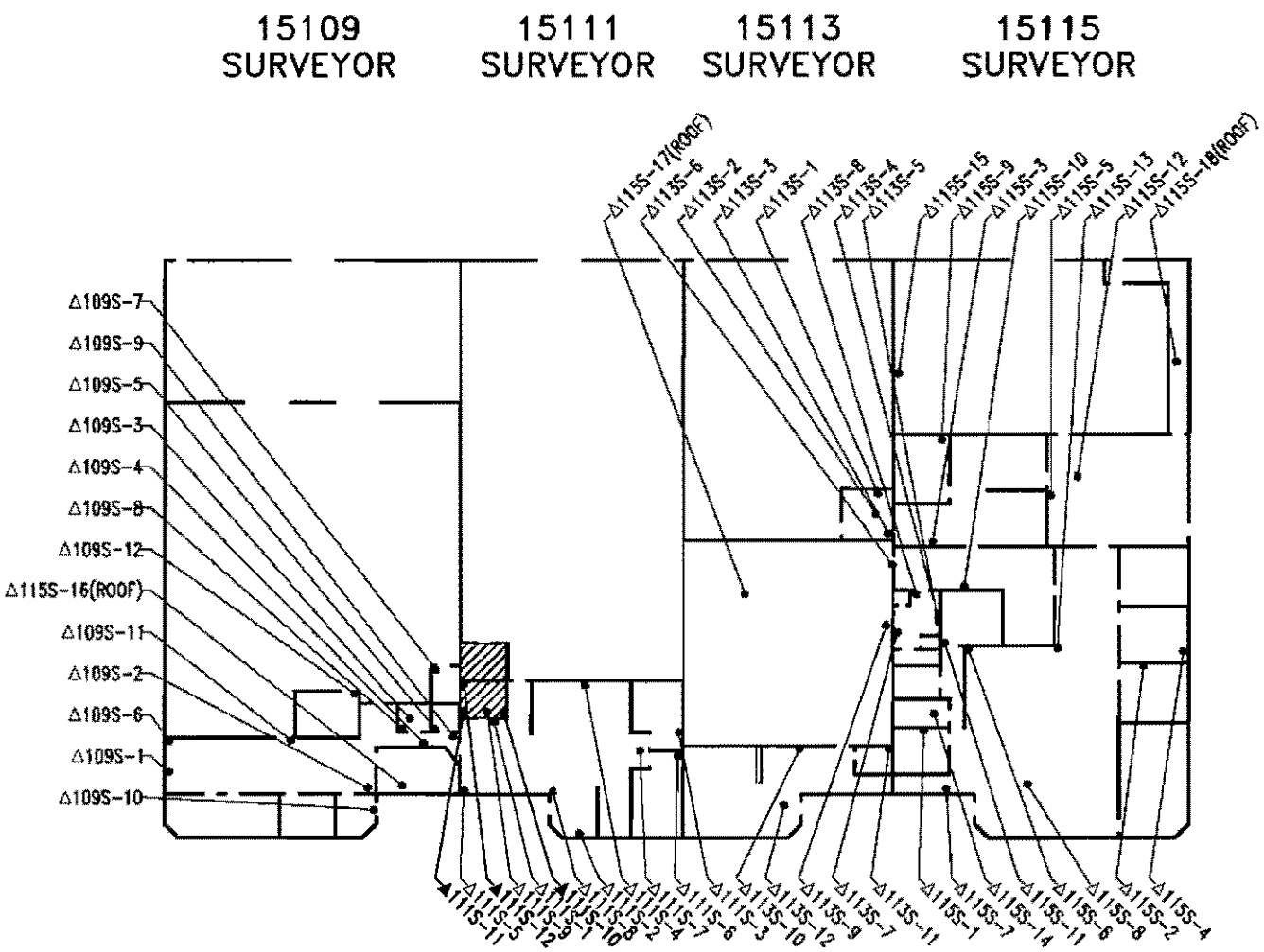


Sample No. 111S-10—ACM floor covering in the Men's and Women's Restroom in 15111 Surveyor.



Sample No. 111S-11—ACM floor covering in the Men's and Women's Restroom in 15111 Surveyor.

3



LEGEND

▲	ACM SAMPLE>1% ASBESTOS CONTENT
△	NON ACM SAMPLE<1% ASBESTOS CONTENT
▨	ACM FLOOR COVERING

0' 40'

ETI ENVIRONMENTAL SERVICES
Mesquite, Texas

APPROXIMATE SAMPLE LOCATION
LOCATION OF ACM

Town Of Addison
15109-15115 Surveyor Boulevard

DATE	SCALE	DRAWN BY	PAGE
11-25-01	1:40	ED WOO	

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12298

Project : 15109 Surveyor Blvd.
Report Date: 11/16/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
109S-1	Wall Material	None Detected - Drywall Material None Detected - Paint
109S-2	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Texture
109S-3	Wall Material, Women's Rest Room	None Detected - Drywall Material None Detected - Textured Paint
109S-4	Wall Material	None Detected - Drywall Material None Detected - Textured Paint
109S-5	Wall Material on Tape and Bedding Material on Sheetrock, Men's Rest Room	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Textured Paint
109S-6	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Texture
109S-7	12" x 12" Floor Tile with Yellow Glue over 12" x 12" Floor Tile with Yellow Glue	None Detected - Top Tile None Detected - Yellow Mastic None Detected - Bottom Tile None Detected - Yellow Mastic
109S-8	12" x 12" Floor Tile with Yellow Glue, Women's Rest Room	None Detected - Floor Tile None Detected - Yellow Mastic

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12298

Project : 15109 Surveyor Blvd.
Report Date: 11/16/2001

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On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
109S-9	12" x 12" Floor Tile with Yellow Glue, at Men's Rest Room Door	None Detected - Floor Tile None Detected - Yellow Mastic
109S-10	2' x 4' Ceiling Panel, Foyer	None Detected - Ceiling Tile
109S-11	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
109S-12	2' x 4' Ceiling Panel, Office	None Detected - Ceiling Tile
109S-8	QC Sample	None Detected-Floor Tile None Detected-Yellow Mastic

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate.
Results may not be reproduced except in full. This test report relates only to the samples tested.
These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.
Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst : Steve Moody

Lab Director : Steve Moody Approved Signatory :

NVLAP

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-1**

Client Sample Description : **Wall Material**

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	40

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 **DW Paper Facing**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 **Paint**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Rubbery	NO	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pigment / Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-1**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-2**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	86

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Glass Fiber Mesh

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Fibrous	NO	100	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	100		Rods				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-2**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 5 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-2**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-3**

Client Sample Description : **Wall Material, Women's Rest Room**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	70

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Rubbery	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	10		Glass Foam				0		
Pigment / Binders	90		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-3**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-4**

Client Sample Description : **Wall Material**

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	70

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 **DW Paper Facing**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 **Textured Paint**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Rubbery	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	10		Glass Foam				0		
Pigment / Binders	90		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-4**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
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Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-5**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock, Men's Rest Room**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	84

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Glass Fiber Mesh

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Fibrous	NO	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	100		Rods				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-5**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-5**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock, Men's Rest Room**

Layer 5 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Rubbery	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	10		Glass Foam				0		
Pigment / Binders	90		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-5**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-6**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	79

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	6

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 3 Glass Fiber Mesh

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Fibrous	NO	100	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	100		Rods				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-6**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-6**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 5 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-6**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-7**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue over 12" x 12" Floor Tile with Yellow Glue**

Layer 1 Top Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Tan	Hard	YES	ND	ND	49

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 Bottom Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Hard	YES	ND	ND	49

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 4 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-7**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-8**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue, Women's Rest Room**

Layer 1 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Hard	YES	ND	ND	99

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-8**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-9**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue, at Men's Rest Room Door**

Layer 1 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Hard	YES	ND	ND	99

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : heat / melt

Asbestos Content : **None Detected**

Layer 2 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : heat / melt

Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-9**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-10**

Client Sample Description : **2' x 4' Ceiling Panel, Foyer**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	**Fibrous**	**YES**	**80**	**ND**	**100**

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	**50**		**ribbons**				**high**		
Mineral Wool Fibers	**30**		**Rods**				**0**		
Perlite	**20**		**Glass Foam**				**0**		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-10**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet | NVLAP Lab No. 102056
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-11**

Client Sample Description : **2' x 4' Ceiling Panel** **Page 1 of 1**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-11**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15109 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12298** Sample # : **109S-12**

Client Sample Description : **2' x 4' Ceiling Panel, Office**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/16/01**

Lab Job# : **x1B-12298** Sample # : **109S-12**

Steve Moody Micro Services, Inc. | QC Analysis Sheet | NVLAP Lab# 2056
TDH License# 30-008 | EPA Method 600/R-93/116

Client : **QC SAMPLES**

Sample # : **x1B-12298*109S-8**

Sample Analysis :

Layer 1 **Floor Tile**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Hard	NO	YES	ND	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Layer 2 **Yellow Mastic**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	NO	YES	ND	ND	<1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :

Analyst : **Robert W. Miracle**
Date : **11/16/01**

Sample # : **x1B-12298*109S-8**

ETI Environmental Services
4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop . Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

Eddie Taw
Asbestos Consultant

STEVE MOODY MICRO SERVICES, INC.

Receiver's Signature

11-16-01 8:01a
Date

IB - 12298

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12299

Project : 15111 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
111S-1	Wall Material	None Detected - Joint Compound None Detected - Texture None Detected - Textured Paint
111S-2	Wall Material	None Detected - Drywall Material None Detected - Texture None Detected - Textured Paint
111S-3	Wall Material	None Detected - Drywall Material None Detected - Texture None Detected - Textured Paint
111S-4	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Texture
111S-5	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Texture None Detected - Textured Paint
111S-6	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Texture None Detected - Textured Paint
111S-7	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
111S-8	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
111S-9	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
111S-10	Floor Covering, Rest Room	None Detected - Sheet Flooring 65% Chrysotile - Fiber Backing
111S-11	Floor Covering, Rest Room	None Detected - Sheet Flooring 65% Chrysotile - Fiber Backing

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12299

Project : 15111 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
111S-12	Floor Covering, Rest Room	None Detected - Sheet Flooring 65% Chrysotile - Fiber Backing
111S-4	QC Sample	None Detected-Drywall Material None Detected-Texture

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate.
Results may not be reproduced except in full. This test report relates only to the samples tested.
These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.
Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst : Steve Moody

Lab Director : Steve Moody

Approved Signatory :

NVLAP

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-1**

Client Sample Description : **Wall Material**

Layer 1 **DW Paper / Tape**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 **Joint Compound**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 3 **Texture**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	35

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 **Textured Paint**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pumice	10		Elongated Vessicles				0		
Pigment / Binders	90		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-1**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet | NVLAP Lab No. 102056
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-2**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	3	ND	87

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pumice	5		Elongated Vessicles				0		
Pigment / Binders	95		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-2**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-3**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	82

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	5		Glass Foam				0		
Pigment / Binders	95		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-3**

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet** | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-4**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	85

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/17/01**

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet**

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-5**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	82

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 **DW Paper / Tape**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 3 **DW Paper / Tape**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 4 **Texture**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-5**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-5**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 5 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	5		Glass Foam				0		
Pigment / Binders	95		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-5**

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet** | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-6**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	82

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/17/01**

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-6**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 5 **Textured Paint**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	ND	3

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	5		Glass Foam				0		
Pigment / Binders	95		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-7**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-7**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-8**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-8**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-9**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 **Ceiling Tile**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-9**

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet**

TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-10**

Client Sample Description : **Floor Covering, Rest Room** **Page 1 of 1**

Layer 1 Sheet Flooring

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Brown	Tough	YES	ND	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Foam	70		Closed Cells						
Vinyl Binders	30		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 Fiber Backing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	65	65	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Chrysotile	65	15	silky / wavy	None	1.556	1.548	low	0	+
Binders / Fillers	35		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **65% Chrysotile**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-10**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-11**

Client Sample Description : **Floor Covering, Rest Room**

Layer 1 **Sheet Flooring**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Brown	Tough	YES	ND	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Foam	70		Closed Cells						
Vinyl Binders	30		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 **Fiber Backing**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	65	65	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Chrysotile	65	15	silky / wavy	None	1.556	1.548	low	0	+
Binders / Fillers	35		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **65% Chrysotile**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12299** Sample # : **111S-11**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15111 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12299** Sample # : **111S-12**

Client Sample Description : **Floor Covering, Rest Room**

Layer 1 Sheet Flooring

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Brown	Tough	YES	ND	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Foam	70		Closed Cells						
Vinyl Binders	30		Non-fibrous						

Prep/treatment : heat / melt

Asbestos Content : **None Detected**

Layer 2 Fiber Backing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	65	65	50

PLM Examination

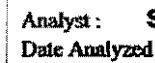
Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Chrysotile	65	15	silky / wavy	None	1.556	1.549	low	0	+
Binders / Fillers	35		Non-fibrous						

Prep/treatment : mechanical seperation

Asbestos Content : **65% Chrysotile**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**



Lab Job# : **x1B-12299** Sample # : **111S-12**

Steve Moody Micro Services, Inc.
TDH License# 30-008

QC Analysis Sheet
EPA Method 600/R-93/116

NVLAP Lab# 2056

Client : **QC SAMPLES**

Sample # : **x1B-12299*111S-4**

Sample Analysis :

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	1	ND	90

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	1		ribbons				high		
Gypsum / Binders	97		Non-fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Layer 2 **DW Paper Facing**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation**

Asbestos Content : **None Detected**

Layer 3 **Texture**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Robert W. Miracle**

Date : **11/17/01**

Sample # : **x1B-12299*111S-4**

ETI Environmental Services

4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop . Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

Eddie Taw
Asbestos Consultant

STEVE MOODY MICRO SERVICES, INC.

Receiver's Signature

11-16-01 8:00 am
Date

IB-12299

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12300

Project : 15113 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
113S-1	Wall Material	None Detected - Drywall Material None Detected - Texture
113S-2	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
113S-3	Wall Material on Tape & Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
113S-4	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic None Detected - Brown Mastic
113S-5	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic None Detected - Brown Mastic
113S-6	Carpet over 12" x 12" Floor Tile with Yellow Glue	None Detected - Carpet None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic
113S-7	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
113S-8	Wall Material on Tape & Bedding Material on Sheetrock, Rest Room	None Detected - Joint Compound None Detected - Wall Covering
113S-9	Wall Material	None Detected - Drywall Material None Detected - Texture
113S-10	Wall Material	None Detected - Drywall Material None Detected - Texture

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12300

Project : 15113 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
113S-11	Wall Material on Tape & Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
113S-12	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
113S-8	QC Sample	None Detected-Joint Compound None Detected-Texture None Detected-Wall Covering

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate.
Results may not be reproduced except in full. This test report relates only to the samples tested.
These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.
Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst : Steve Moody

Lab Director : Steve Moody Approved Signatory :

NVLAP

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-1**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	3	ND	90

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-1**

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet**
TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-2**

Client Sample Description : **2' x 4' Ceiling Panel** **Page 1 of 1**

Layer 1 **Ceiling Tile**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	70		ribbons				high		
Mineral Wool Fibers	10		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-2**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-3**

Client Sample Description : **Wall Material on Tape & Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	85

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-3**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-4**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue**

Layer 1 **Yellow Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 **Floor Tile**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Tan	Hard	YES	ND	ND	80

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 **Yellow Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 4 **Brown Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Brown	Hard	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-4**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-5**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue** **Page 1 of 1**

Layer 1 **Yellow Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 **Floor Tile**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Hard	YES	ND	ND	80

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 **Yellow Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 4 **Brown Mastic**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Brown	Hard	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-5**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-6**

Client Sample Description : **Carpet over 12" x 12" Floor Tile with Yellow Glue**

Layer 1 Carpet

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Blue	Fibrous	YES	85	ND	65

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Fibers	85		Monofilaments						
Glue Binders	15		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Hard	YES	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 4 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	<1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-6**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-7**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	70		ribbons				high		
Mineral Wool Fibers	10		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-7**

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet**
TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-8**

Client Sample Description : **Wall Material on Tape & Bedding Material on Sheetrock, Rest Room**

Layer 1 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	60

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : mechanical separation Asbestos Content : **None Detected**

Layer 2 DW Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Fibrous	YES	100	ND	15

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : mechanical separation Asbestos Content : **None Detected**

Layer 3 Wall Covering

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Violet	Tough	YES	50	ND	25

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Vinyl Facing	50		Non-fibrous						

Prep/treatment : mechanical separation Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-8**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-9**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	90

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-9**

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet**
TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-10**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	3	ND	90

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-10**

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet** | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-11**

Client Sample Description : **Wall Material on Tape & Bedding Material on Sheetrock** **Page 1 of 1**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	85

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Gypsum / Binders	98		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-11**

Steve Moody Micro Services, Inc. | Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A | NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15113 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12300** Sample # : **113S-12**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	60		ribbons				high		
Mineral Wool Fibers	20		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12300** Sample # : **113S-12**

Steve Moody Micro Services, Inc. QC Analysis Sheet
TDH License# 30-008 EPA Method 600/R-93/116 NVLAP Lab# 2056

Client : **QC SAMPLES**

Sample # : **x1B-12300*113S-8**

Sample Analysis :

Layer 1 Joint Compound

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	ND	ND	55

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Tape

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Fibrous	YES	YES	100	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	ND	ND	25

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Wall Covering

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Tough	NO	YES	50	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Vinyl Facing	50		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Comments :

Analyst : **Robert W. Miracle**
Date : **11/17/01**

Sample # : **x1B-12300*113S-8**

ETI Environmental Services
4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop . Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

Eddie Taw
Asbestos Consultant

STEVE MOODY MICRO SERVICES, INC.

Receiver's Signature

11-16-01 8:00 am
Date

IB- 12300

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12301

Project : 15115 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
115S-1	Wall Material	None Detected - Drywall Material None Detected - Texture
115S-2	Wall Material	None Detected - Drywall Material None Detected - Texture
115S-3	Wall Material	None Detected - Drywall Material None Detected - Texture
115S-4	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
115S-5	Wall Material	None Detected - Drywall Material None Detected - Texture None Detected - Textured Paint
115S-6	Wall Material on Tape and Beddign Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
115S-7	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
115S-8	Wall Material	None Detected - Drywall Material None Detected - Texture
115S-9	Carpet Mastic over 12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services
Lab Job No.: x1B-12301

Project : 15115 Surveyor Blvd.
Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
115S-10	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic
115S-11	12" x 12" Floor Tile with Yellow Glue	None Detected - Floor Tile None Detected - Yellow Mastic
115S-12	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
115S-13	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
115S-14	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
115S-15	Tape and Bedding Material on Sheetrock, Warehouse	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
115S-16	Roof Flashing Material	None Detected - Silver Paint None Detected - Roofing Membrane None Detected - Roofing Tar None Detected - Underlayment
115S-17	Roofing Material	None Detected - Roofing Membrane None Detected - Underlayment
115S-18	Roof Flashing Material	None Detected - Roofing Membrane None Detected - Roofing Tar None Detected - Underlayment
115S-3	QC Sample	None Detected-Drywall Material None Detected-Texture
115S-13	QC Sample	None Detected-Ceiling Tile

PLM REPORT

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056
TDH License No. 30-0084
PAT ID # 102577

Client : ETI Environmental Services

Lab Job No.: x1B-12301

Project : 15115 Surveyor Blvd.

Report Date: 11/17/2001

Project # : Not Provided Sample Date : 11/14/2001

Identification : Asbestos, Bulk Sample Analysis

Test Method : Polarized Light Microscopy / Dispersion Staining (PLM/DS)
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate.
Results may not be reproduced except in full. This test report relates only to the samples tested.
These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.
Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst : Steve Moody

Lab Director : Steve Moody

Approved Signatory :

NVLAP

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet** | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-1**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	60

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Mica	<1		Plateletts / Books						
Gypsum / Binders	98		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-1**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-2**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	1	ND	60

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	3		ribbons				high		
Gypsum / Binders	97		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-2**

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NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-3**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	1	ND	60

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	3		ribbons				high		
Gypsum / Binders	97		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-3**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-4**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	80

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Gypsum / Binders	98		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-4**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-5**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	88

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Gypsum / Binders	98		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Hard	YES	ND	ND	2

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Perlite	5		Glass Foam				0		
Pigment / Binders	95		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-5**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-6**

Client Sample Description : **Wall Material on Tape and Beddign Material on Sheetrock** **Page 1 of 1**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	3	ND	85

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-6**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-7**

Client Sample Description : **Wall Material on Tape and Bedding Material on Sheetrock**

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 **DW Paper / Tape**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 **Joint Compound**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 **Texture**

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-7**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-8**

Client Sample Description : **Wall Material**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	2	ND	60

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glass Wool Fibers	2		Rods				0		
Cellulose Fibers	2		ribbons				high		
Gypsum / Binders	96		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 DW Paper Facing

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	100	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-8**

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NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-9**

Client Sample Description : **Carpet Mastic over 12" x 12" Floor Tile with Yellow Glue**

Layer 1 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Layer 2 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Hard	YES	ND	ND	89

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Layer 3 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt**

Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-9**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-10**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue** **Page 1 of 1**

Layer 1 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Hard	YES	ND	ND	89

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-10**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-11**

Client Sample Description : **12" x 12" Floor Tile with Yellow Glue** **Page 1 of 1**

Layer 1 Floor Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Tan	Hard	YES	ND	ND	90

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Vinyl Binders	100		Non-fibrous				high		

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 2 Yellow Mastic

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Yellow	Rubbery	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Glue Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-11**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-12**

Client Sample Description : **2' x 4' Ceiling Panel** **Page 1 of 1**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-12**

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NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-13**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-13**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-14**

Client Sample Description : **2' x 4' Ceiling Panel**

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-14**

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Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-15**

Client Sample Description : **Tape and Bedding Material on Sheetrock, Warehouse** **Page 1 of 1**

Layer 1 Drywall Material

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	3	ND	80

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 DW Paper / Tape

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan / White	Fibrous	YES	100	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 Joint Compound

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 4 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-15**

Steve Moody Micro Services, Inc. — Bulk Asbestos Analysis Sheet
TDH License No. 30-0084 — EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A — NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-16**

Client Sample Description : **Roof Flashing Material**

Layer 1 Silver Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Silver	Soft	NO	ND	ND	1

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Pigment / Binders	100		Non-fibrous						

Prep/treatment : heat / melt — Asbestos Content : **None Detected**

Layer 2 Roofing Membrane

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Rubbery	YES	5	ND	59

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Fibers	15		Monofilaments						
Calcite	30		Non-fibrous				high		
Binders / Fillers	55		Non-fibrous						

Prep/treatment : heat / melt — Asbestos Content : **None Detected**

Layer 3 Roofing Tar

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Asphaltic	YES	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Tar Binders	100		Non-fibrous						

Prep/treatment : heat / melt — Asbestos Content : **None Detected**

Layer 4 Underlayment

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	80	ND	10

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	80		ribbons				high		
Perlite	20		Glass Foam				0		

Prep/treatment : mechanical separation — Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-16**

Steve Moody Micro Services, Inc. | **Bulk Asbestos Analysis Sheet** | NVLAP Lab No. 102056

TDH License No. 30-0084 | EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-17**

Client Sample Description : **Roofing Material**

Layer 1 Sand Layer

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Hard	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Aggregate	100		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 Roofing Membrane

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Rubbery	YES	5	ND	75

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Fibers	15		Monofilaments						
Calcite	30		Non-fibrous				high		
Binders / Fillers	55		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 Underlayment

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	80	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	80		ribbons				high		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**

Date Analyzed : **11/17/01**

SM

Lab Job# : **x1B-12301** Sample # : **115S-17**

Steve Moody Micro Services, Inc.
TDH License No. 30-0084

Bulk Asbestos Analysis Sheet
EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client : **ETI Environmental Services**

Project : **15115 Surveyor Blvd.**

Project # : **Not Provided** Lab Job# : **x1B-12301** Sample # : **115S-18**

Client Sample Description : **Roof Flashing Material**

Layer 1 Sand Layer

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Hard	YES	ND	ND	5

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Aggregate	100		Non-fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Layer 2 Roofing Membrane

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Rubbery	YES	5	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Synthetic Fibers	15		Monofilaments						
Calcite	30		Non-fibrous				high		
Binders / Fillers	55		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 3 Roofing Tar

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Black	Asphaltic	YES	ND	ND	25

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Tar Binders	100		Non-fibrous						

Prep/treatment : **heat / melt** Asbestos Content : **None Detected**

Layer 4 Underlayment

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	80	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	80		ribbons				high		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Steve Moody**
Date Analyzed : **11/17/01**

Lab Job# : **x1B-12301** Sample # : **115S-18**

Steve Moody Micro Services, Inc. | QC Analysis Sheet | NVLAP Lab# 2056
TDH License# 30-008 | EPA Method 600/R-93/116

Client : **QC SAMPLES**

Sample # : **x1B-12301*115S-3**

Sample Analysis :

Layer 1 **Drywall Material**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	3	ND	50

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	5		ribbons				high		
Gypsum / Binders	95		Non-fibrous						

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 2 **DW Paper Facing**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Tan	Fibrous	YES	YES	100	ND	20

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	100		ribbons				high		

Prep/treatment : **mechanical seperation** Asbestos Content : **None Detected**

Layer 3 **Texture**

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
White	Blocky	YES	YES	ND	ND	30

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Calcite / Talc / Binders	100		Non-Fibrous						

Prep/treatment : **mechanical separation** Asbestos Content : **None Detected**

Comments :

Analyst : **Robert W. Miracle**
Date : **11/17/01**

Sample # : **x1B-12301*115S-3**

Steve Moody Micro Services, Inc. | QC Analysis Sheet | NVLAP Lab# 2056
TDH License# 30-008 | EPA Method 600/R-93/116

Client : **QC SAMPLES**

Sample # : **x1B-12301*115S-13**

Sample Analysis :

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Friable?	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	YES	80	ND	100

PLM Examination

Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment : **mechanical separation**

Asbestos Content : **None Detected**

Comments :

Analyst : **Robert W. Miracle**

Date : **11/17/01**

Sample # : **x1B-12301*115S-13**

ETI Environmental Services
4112 VIA BALLENA
MESQUITE, TEXAS 75150
(972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc.
1510 Randolph, Suite 602
Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop . Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

Eddie Taw
Asbestos Consultant

STEVE MOODY MICRO SERVICES, INC.

Receiver's Signature

11-16-01
Date

IB-12301

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Certificate of Accreditation

STEVE MOODY MICRO SERVICES, INC.
CARROLLTON, TX

Is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:

BULK ASBESTOS FIBER ANALYSIS

June 30, 2002
Effective through

For the National Institute of Standards and Technology

NVLAP Lab Code: 102056-0

NVLAP-01C (11-88)

TEXAS
DEPARTMENT OF HEALTH

BE IT KNOWN THAT

STEVE MOODY MICRO SERVICES, INC.

is Licensed and authorized to perform as an

Asbestos Laboratory
PLM, TEM

in the State of Texas within the purview of Texas Civil Statutes, Article 4477-3a,

according to the rules adopted by the Texas Board of Health.

30-0084
License Number

06/01/2001
Issue Date

05/31/2002
Expiration Date

This certificate is void after expiration date.

Todd F. Wingler, P.E.
Chief, Asbestos Programs Branch
Occupational Safety and Health Division

C. B. Bell MD
Charles B. Bell, M.D.
Executive Deputy Commissioner

VOID IF ALTERED NON-TRANSFERABLE

57626

McCRONE RESEARCH INSTITUTE

certifies that

Steven V. Moody

has successfully completed an intensive course of instruction in

"Microscopical Identification of Asbestos"

given by the McCrone Research Institute

Presented this 29th day of March, 1985

3.5 CEU's

McCRONE RESEARCH INSTITUTE

certifies that

Steven V. Moody

has successfully completed an intensive course of instruction in

"Advanced Asbestos Identification"

given by the McCrone Research Institute

Presented this 25th day of September, 1985

3.5 CEU's

TEXAS
DEPARTMENT OF HEALTH

BE IT KNOWN THAT

EDDIE TAW, INC./DBA
ETI ENVIRONMENTAL SERVICES

is Licensed and authorized to perform as an

Asbestos Consultant Agency

in the State of Texas within the purview of Texas Civil Statutes, Article 4477-3a, as amended, so long as this License is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

10-0016
License Number

01/06/2001
Issue Date

01/05/2002
Expiration Date

This certificate is void after expiration date.

Todd F. Wingler, P.E.
Chief, Asbestos Programs Branch
Occupational Safety and Health Division

Charles E. Bell, M.D.
Executive Deputy Commissioner

VOID IF ALTERED NON-TRANSFERABLE
55418

TEXAS
DEPARTMENT OF HEALTH

BE IT KNOWN THAT

EDDIE TAW, INC./DBA ETI
ENVIRONMENTAL SERVICES

is Licensed and authorized to perform as an

Asbestos Laboratory
PCM

in the State of Texas within the purview of Texas Civil Statutes, Article 4477-3a, as amended, so long as this License is not suspended or revoked and is renewed according to the rules adopted by the Texas Board of Health.

30-0021
License Number

01/06/2001
Issue Date

01/05/2002
Expiration Date

This certificate is void after expiration date.

Todd F. Wingler, P.E.
Chief, Asbestos Programs Branch
Occupational Safety and Health Division

C. E. Bell, M.D.
Charles E. Bell, M.D.
Executive Deputy Commissioner

VOID IF ALTERED NON-TRANSFERABLE
55481

Texas Department of Health certifies that:

EDDIE TAW

License Number **105055**
is Licensed as an
Individual Asbestos Consultant

From **01/06/2001** To **01/05/2002**

C. E. Bell, M.D.
Charles E. Bell, M.D.
Executive Deputy Commissioner

Control No. 55411

Texas Department of Health certifies that:

DIANNE K WOO

License Number **105056**
is Licensed as an
Individual Asbestos Consultant

From **01/06/2001** To **01/05/2002**

C. E. Bell, M.D.
Charles E. Bell, M.D.
Executive Deputy Commissioner

Control No. 55414

Texas Department of Health certifies that:

EDDIE TAW

License Number **105055**
is Licensed as an
Individual Asbestos Consultant

From **01/06/2001** To **01/05/2002**

C. E. Bell, M.D.
Charles E. Bell, M.D.
Executive Deputy Commissioner

Control No. 55411

Texas Department of Health certifies that:

DIANNE K WOO

License Number **105056**
is Licensed as an
Individual Asbestos Consultant

From **01/06/2001** To **01/05/2002**

C. E. Bell, M.D.
Charles E. Bell, M.D.
Executive Deputy Commissioner

Control No. 55414