

A2 2000-2 Addison Road
FAA Notice - 2004

Wafan®

Jim Pierce

From: Luis Elguezabal [luis.elguezabal@wgint.com]
Sent: Wednesday, September 29, 2004 2:41 PM
To: Bruce.beard@faa.gov
Cc: Jim Pierce
Subject: ADS Runway 33 Threshold

Dear Bruce,

Per our recent conversation, Addison Airport Management does not have any plans to re-capture the 771 feet of displaced runway on the approach end of runway 33 due to the fact that: Lindbergh road, the railroad line, and the future Arapaho road do not allow for adequate clearances. (FAA requires seventeen feet of clearance over roads and twenty-three feet of clearance over rail lines.)

In addition, these obstacles will be in the safety area, if the displaced section is re-captured. It is cost prohibited to relocate or remove these three right of ways.

This position is also reflected in the recent draft Airport Master Plan, conducted by Coffman and Associates.

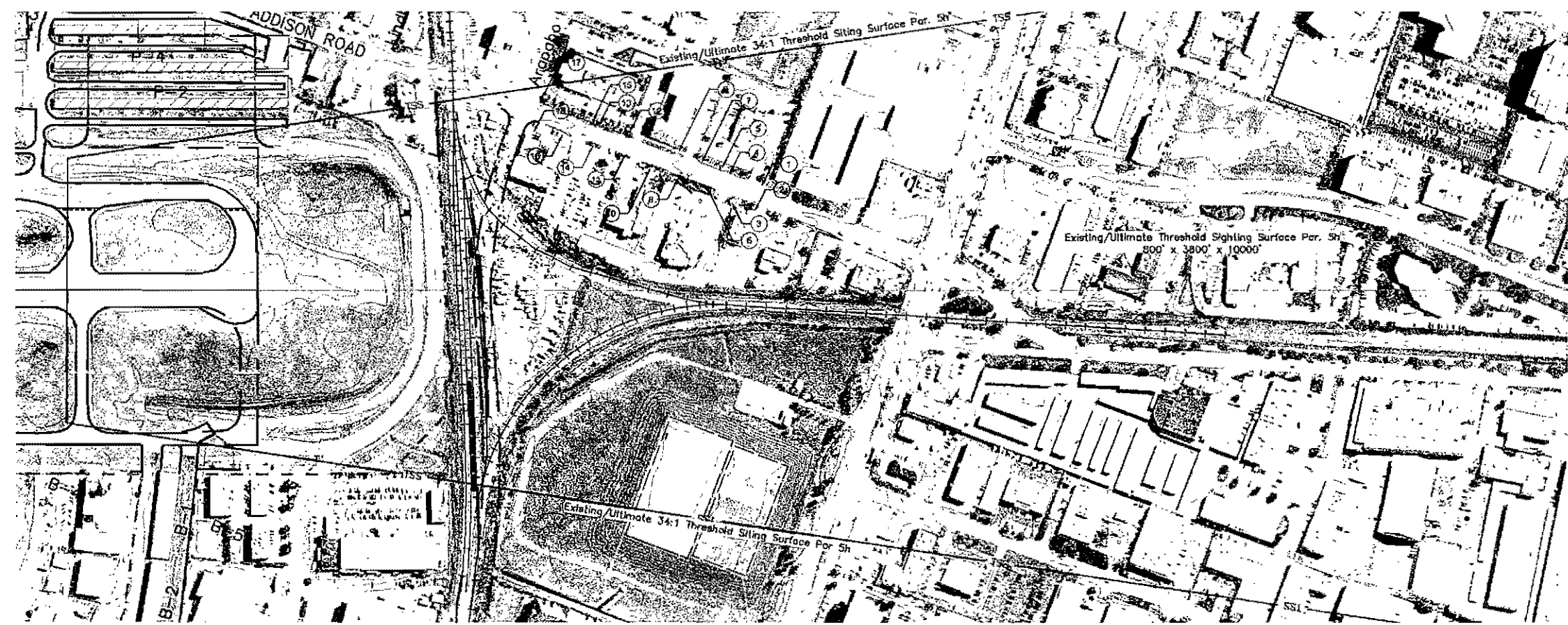
If you have any further questions please feel free to contact me.

Respectfully,

Luis E. Elguezabal, C.M.
Addison Airport - Assistant Director
16051 Addison Road, Suite-220
Addison, Texas 75001

972-392-4850 Office
972-392-4861 Direct
972-788-9334 Fax
Luis.Elguezabal@wgint.com

10/18/2004

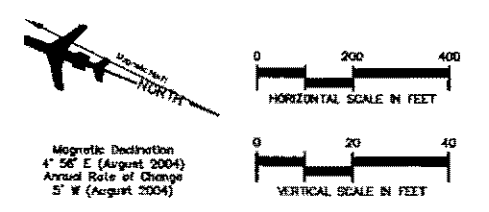
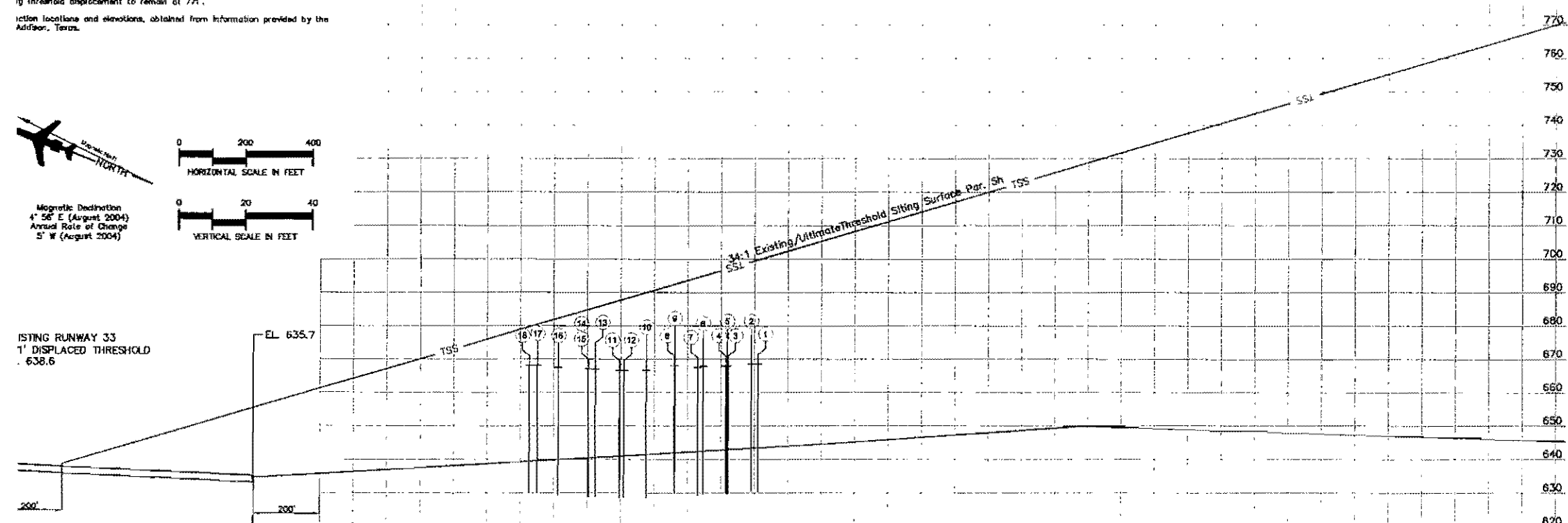


3	LIGHT POLE	1421.0	1892.0	413.7 R	966.0	None
4	LIGHT POLE	1414.8	1885.8	522.9 R	966.0	None
5	POLE	1410.0	1882.0	522.2 R	967.8	None
6	LIGHT POLE	1347.0	1918.0	237.0 R	967.8	None
7	LIGHT POLE	1330.0	1901.0	0.0	967.5	None
8	LIGHT POLE	1261.9	1832.9	0.0	967.0	None
9	POLE	1261.9	1832.9	584.3 L	967.0	None
10	LIGHT POLE	1177.0	1745.0	0.0	967.7	None
11	LIGHT POLE	1098.0	1667.0	582.3 R	968.7	None
12	POLE	1108.9	1680.9	323.0 R	968.7	None
13	POLE	1024.3	1593.3	373.0 R	967.0	None
14	LIGHT POLE	1004.2	1575.2	219.0 R	967.0	None
15	LIGHT POLE	1004.2	1575.2	123.0 R	967.0	None
16	LIGHT POLE	913.8	1484.8	128.2 R	967.5	None
17	POLE	851.4	1422.4	202.0 R	968.0	None
18	LIGHT POLE	827.5	1368.5	634.8 R	968.0	None

*THRESHOLD DISPLACED 771', CALCULATIONS ARE FROM BEGINNING OF THRESHOLD SIGHTING SURFACE

NOTES
 1. Meeting the accuracy standards of FAA 405 was performed in preparation of this plan by Smithright, Inc in June 2003.
 2. Existing threshold displacement to remain at 771'.
 3. Location locations and elevations, obtained from information provided by the Addison, Texas.

EXISTING/ULTIMATE RUNWAY 33 END PLAN



EXISTING RUNWAY 33
 1' DISPLACED THRESHOLD
 EL. 638.6

NO.	REVISIONS	BY	CHK'D	DATE

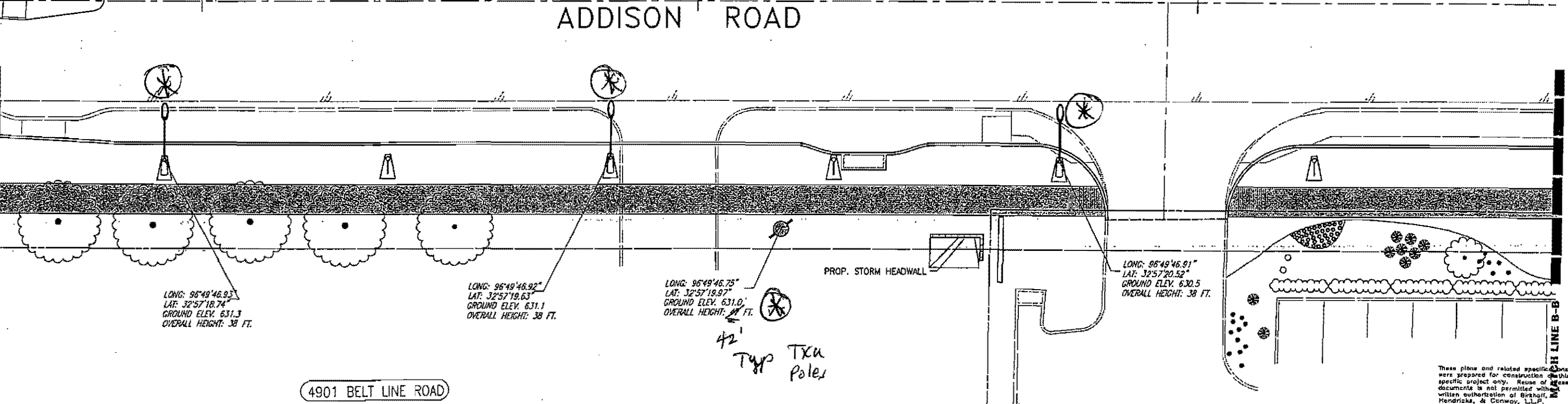
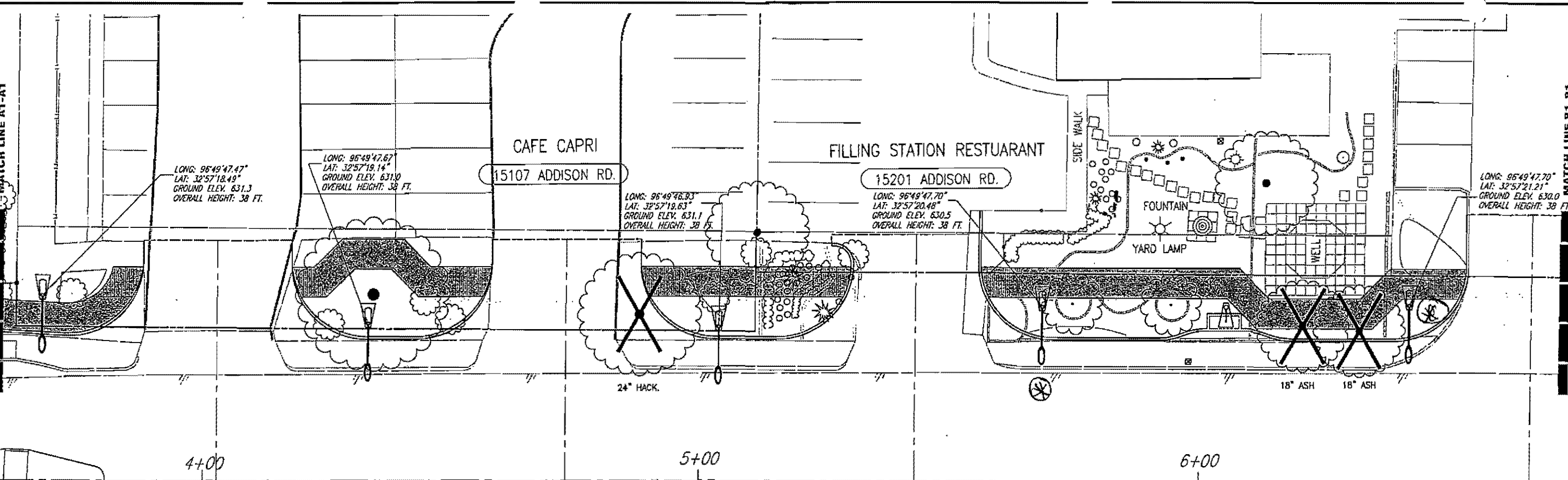
<p>TEXAS DEPARTMENT OF TRANSPORTATION AVIATION DIVISION</p> <p><input type="checkbox"/> AIP APPROVED ACCORDING TO FAA AC 150/5300-13 CH B PLUS THE REQUIREMENTS OF A FAVORABLE ENVIRONMENTAL FINDING PRIOR TO THE START OF ANY LAND ACQUISITION OR CONSTRUCTION AND AN FAA FORM 7460-1 SUBMITTED PRIOR TO ANY CONSTRUCTION ON AIRPORT PROPERTY</p> <p><input type="checkbox"/> AIP APPROVED ACCORDING TO FAA AC 150/5300-13 CH B PLUS THE CONDITIONS/COMMENTS IN LETTER DATED:</p>	<p>AIRPORT SPONSOR</p> <p>CURRENT AND FUTURE DEVELOPMENT DEPICTED ON AIP IS APPROVED AND SUPPORTED BY AIRPORT SPONSOR</p> <p>TITLE, AIRPORT SPONSOR'S REPRESENTATIVE</p> <p>SIGNATURE</p> <p>DATE</p>
<p>DIRECTOR, AVIATION DIVISION</p> <p>DATE</p> <p>PREPARED BY: 227 N.W. Blue Parkway Suite 150 Fort Worth, TX 76101 817-524-2800, Fax (817) 524-2801 Dallas Phoenix Office: 4610 E. Coates Road Suite 207 Southlake, TX 75085 806-588-0288, Fax (972) 588-0289</p>	<p>Signature: Mike W. ... 11/3/2</p> <p>Checked By: Diana L. ... 11/3/2</p> <p>Drawn By: James M. ... 11/3/2</p> <p>Checked By: ...</p>

Coffman Associates
 Airport Consultants
 www.coffmanassociates.com

ADDISON ROAD LIGHT STANDARDS

MATCH LINE A1-A1

MATCH LINE B1-B1

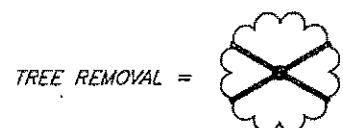


MATCH LINE A-A

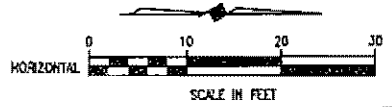
MATCH LINE B-B

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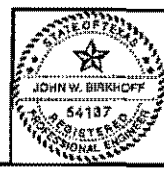
4901 BELT LINE ROAD



BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°



THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
John W. Birkhoff
DATE: 8/3/04



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

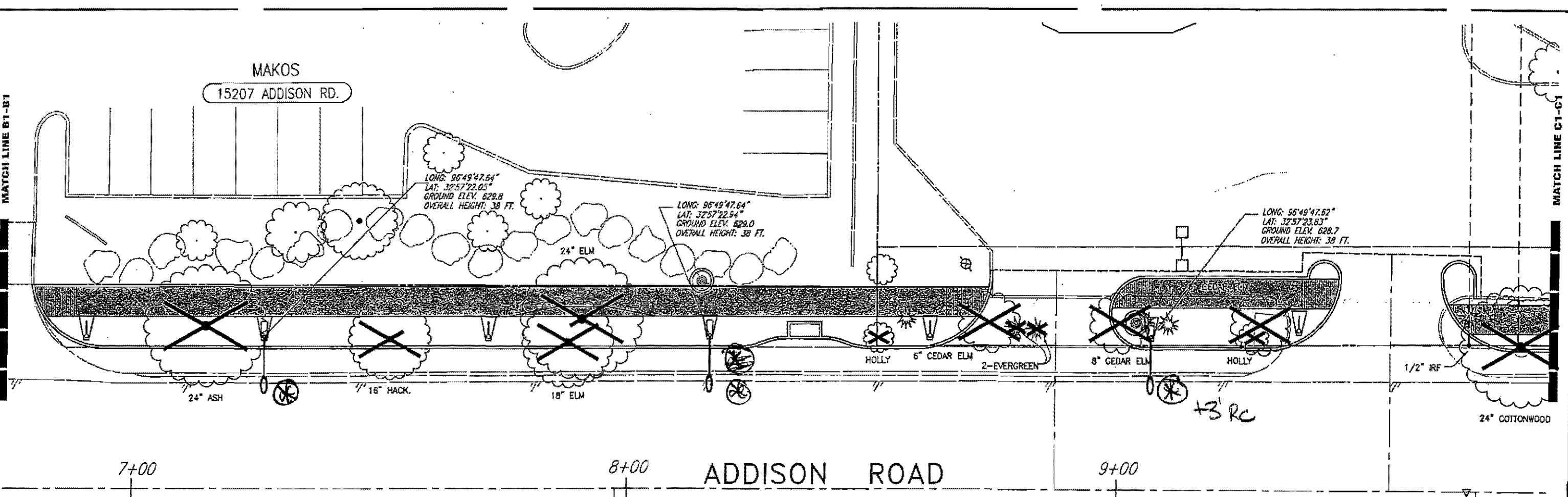
BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2002 102	SHEET NO. 152
DRAWN BY: T.H.	DATE: JUNE 2004	OF 55 SHEETS

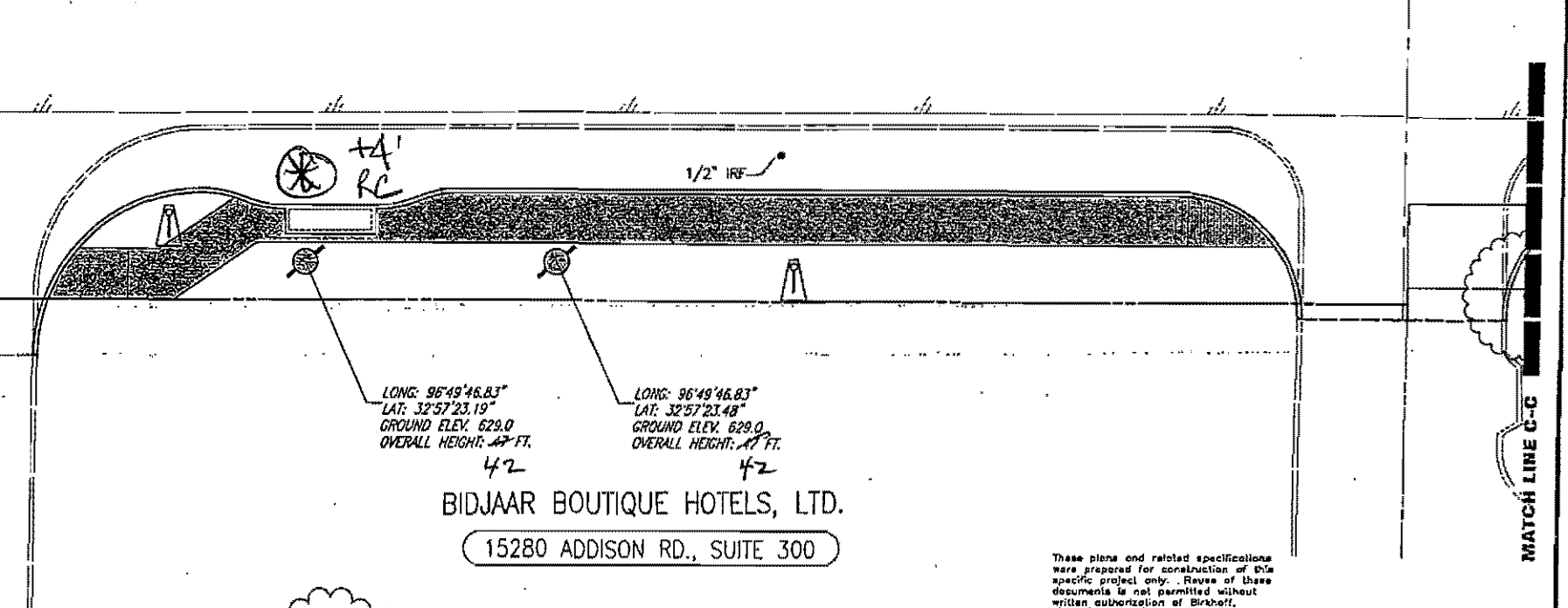
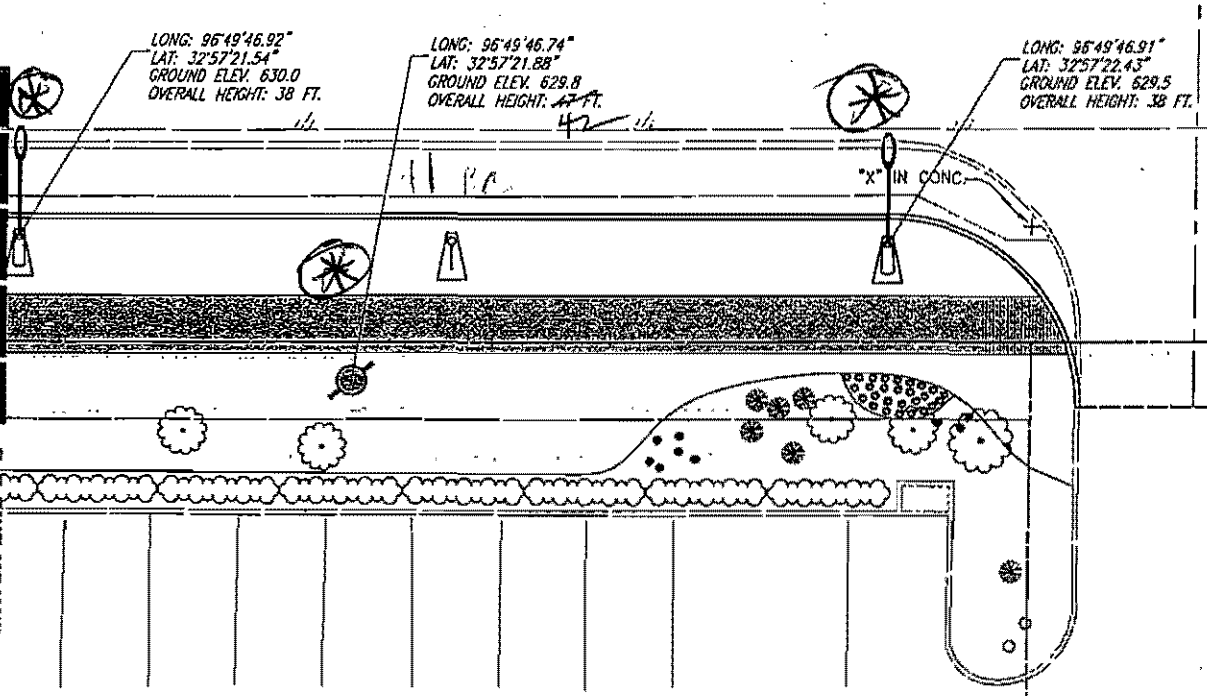
MAKOS
15207 ADDISON RD.

MATCH LINE B1-B1

MATCH LINE C1-C1

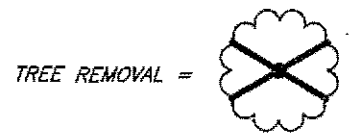


7+00 8+00 9+00
ADDISON ROAD

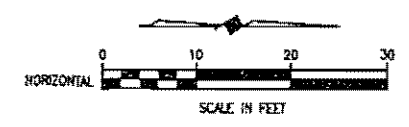


STEAK HOUSE
ADDISON RD.

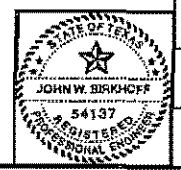
BIDJAAR BOUTIQUE HOTELS, LTD.
15280 ADDISON RD., SUITE 300



BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSTION,
DEGREES -180° TO +180°

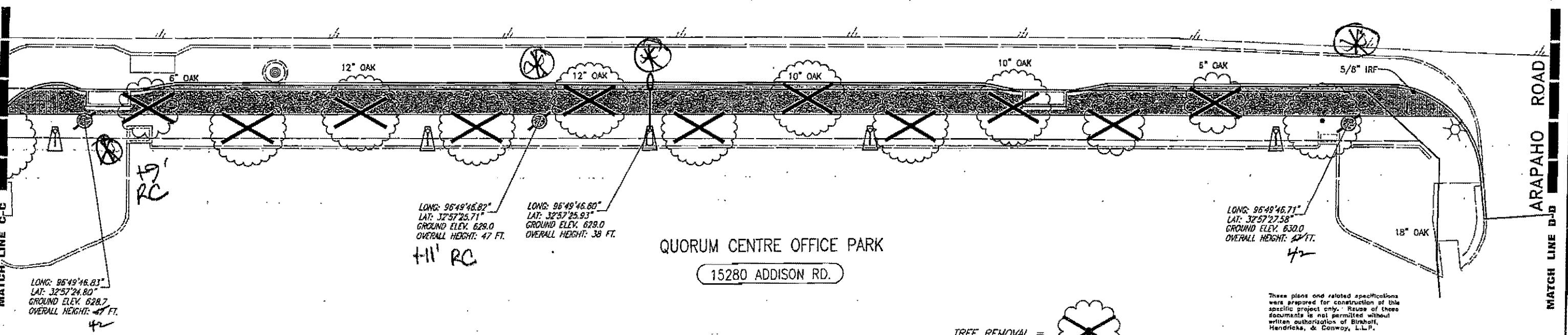
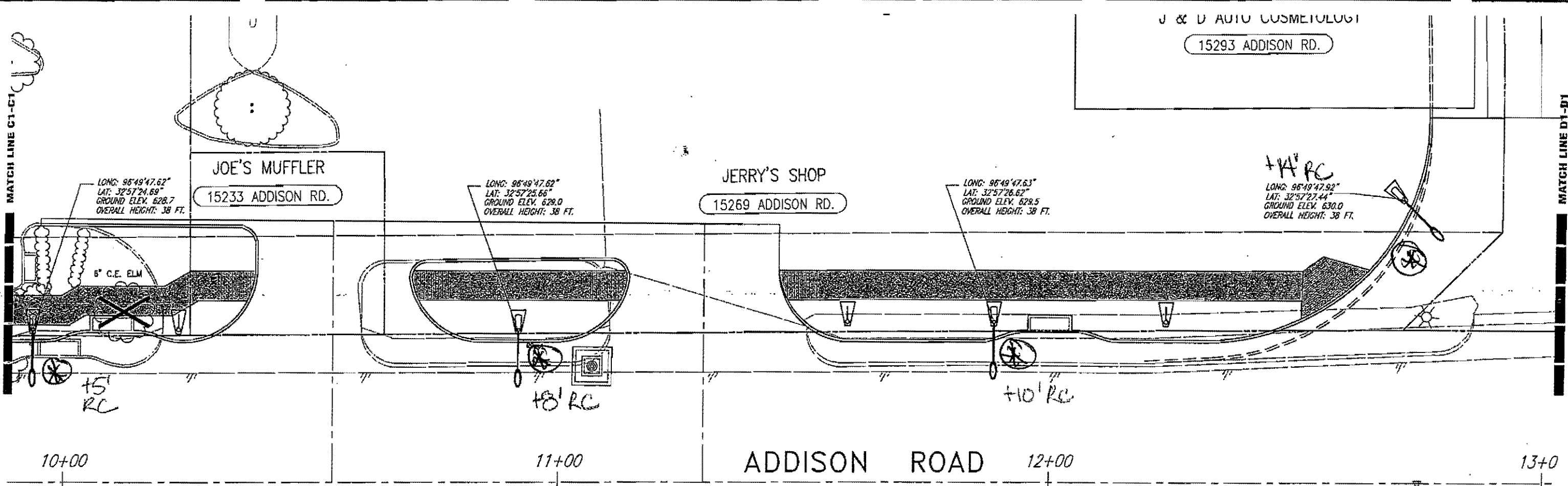


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John W. Birkhoff
DATE: 8/3/04

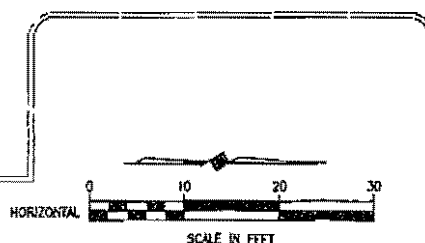


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TOWN OF ADDISON, TEXAS		
ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I ADDISON ROAD LANDSCAPE/LIGHTING		
BIRKHOFF, HENDRICKS & CONWAY L.L.P. CONSULTING ENGINEERS Dallas, Texas		
DESIGNED BY: J.W.B.	PROJECT: 2002 102	SHEET NO. 153
DRAWN BY: TJR	DATE: JUNE 2004	OF 56 SHEETS



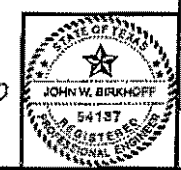
BASIS FOR LONGITUDE & LATITUDE
 NAD83 DATUM LONG-LAT WEST POSITION,
 DEGREES -180 TO +180



TREE REMOVAL =

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John W. Birkhoff
 DATE: 01/3/04



TOWN OF ADDISON, TEXAS		
ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I ADDISON ROAD LANDSCAPE/LIGHTING		
BIRKHOFF, HENDRICKS & CONWAY L.L.P. CONSULTING ENGINEERS DALLAS, TEXAS		
DESIGNED BY: J.W.B.	PROJECT: 2002.102	SHEET NO. 154
DRAWN BY: TCM	DATE: JUNE 2004	OF 56 SHEETS

Halderson Rd Widening

Meeting with Rick Compton &
Bruce Beard of FAA
34:1 Standard

11-8-04

20:1 FAA used

FAA's data did not match Coffman's
Threshold Setting is OK. Poles are clear.

Departure Surfaces * Need to add @ South
Require Departure Caution — End
FAA uses 40:1 from end of runway for departure
we have penetrations with the poles

Admission airport is OBSTACLE RICH

OK to go ahead with the project — FAA

Will not put out for public comment because
we already have obstructions out there.

FAA advises against adding obstacles.

No more obstructions is the best policy.

Need hazard lights on every light

40:1 as figured from end of runway

N. End Obstacle Evaluation —

Need coordinates on

Lat/Long

Survey points Dat Tech Died

~~200 down runway need coordinates~~

Jim Pierce

From: Jim Pierce
Sent: Friday, October 08, 2004 8:39 AM
To: Steve Chutchian
Cc: Mike Murphy; Luis Elguezabal (E-mail); Jenny Nicewander
Subject: Addison Rd/FAA

I received a call yesterday from Bruce Beard, FAA, regarding our poles along Addison Rd. Bruce stated FAA would have no objection to the poles especially considering the south displaced threshold on our runway will never move further south. He did say we would need to put red lights on the poles (he was not sure how many) - he said ten or so. This is because all of the paperwork is not yet completed. The light required is FAA # L810.

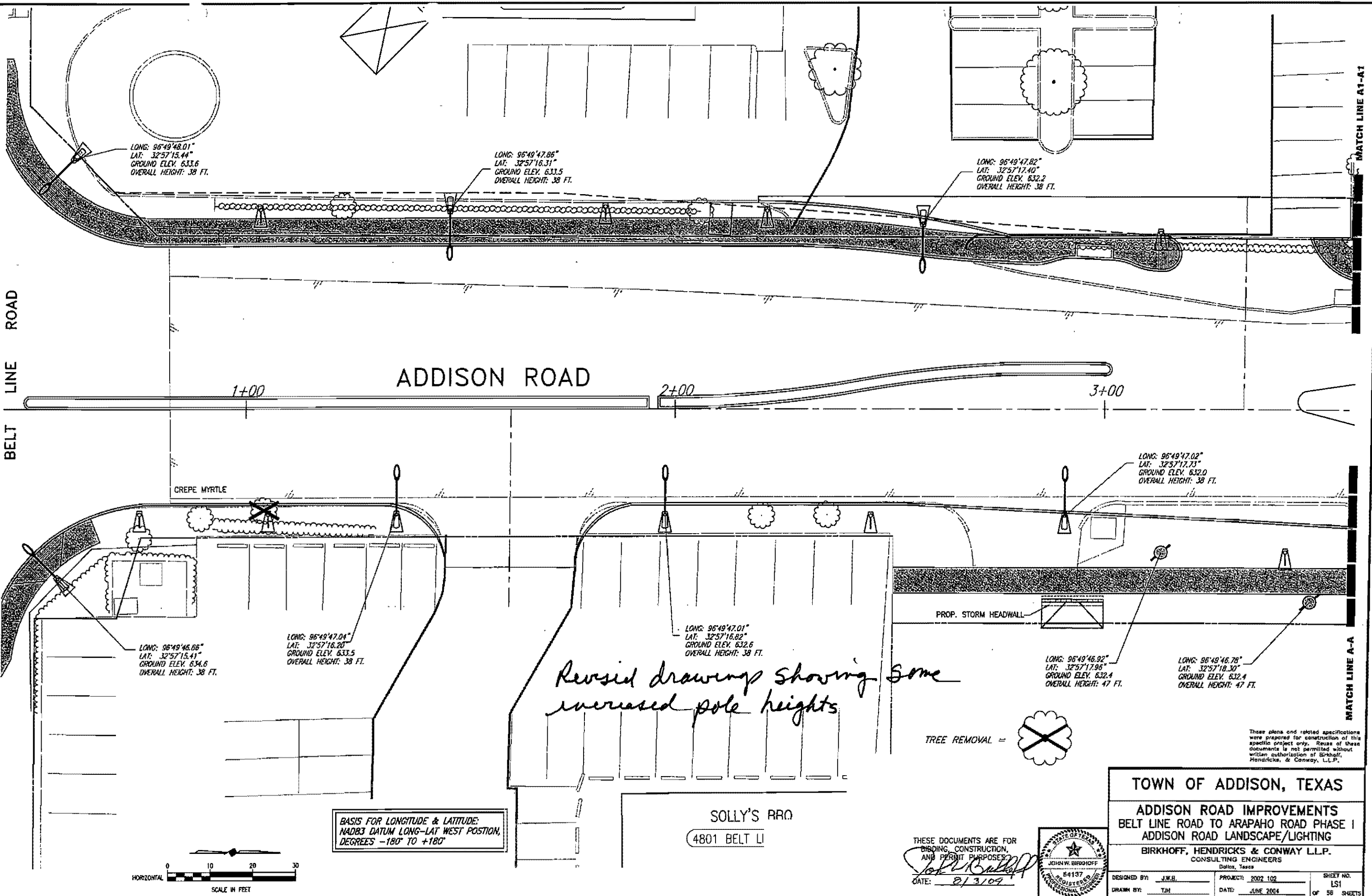
However, since our application was made (7/28/04)(Max TXU pole height of 42 feet) there have been proposed changes in pole locations and higher poles (47 feet).

We need to meet with James Davis and absolutely finalize pole locations and heights. Then we can decide what needs to be done to finalize with FAA. Please set up that meeting and include Luis E. Thanks,

Jim Pierce, P.E.
Assistant Public Works Director
P.O. Box 9010
Addison, TX 75001-9010
972-450-2879

11-2-04 Received Notice that many poles on Addison Rd are a hazard to navigation. Luis E. will try to set up a meeting with Bruce Beard

H:\PROJECTS\ADDISON\2002\02\PHASE1\02\02\LS1.DWG 08/03/04 R.L. SCALE 1"=10'



LONG: 96°49'48.01"
LAT: 32°57'15.44"
GROUND ELEV. 633.6
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.86"
LAT: 32°57'16.31"
GROUND ELEV. 633.5
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.82"
LAT: 32°57'17.40"
GROUND ELEV. 632.2
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.02"
LAT: 32°57'17.73"
GROUND ELEV. 632.0
OVERALL HEIGHT: 38 FT.

LONG: 96°49'46.86"
LAT: 32°57'15.41"
GROUND ELEV. 634.6
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.04"
LAT: 32°57'16.20"
GROUND ELEV. 633.5
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.01"
LAT: 32°57'16.82"
GROUND ELEV. 632.6
OVERALL HEIGHT: 38 FT.

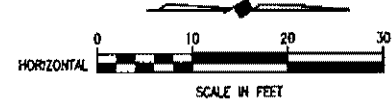
LONG: 96°49'46.92"
LAT: 32°57'17.96"
GROUND ELEV. 632.4
OVERALL HEIGHT: 47 FT.

LONG: 96°49'46.78"
LAT: 32°57'18.30"
GROUND ELEV. 632.4
OVERALL HEIGHT: 47 FT.

Revised drawings showing some increased pole heights

TREE REMOVAL =

BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°



SOLLY'S RR
4801 BELT LI

THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.
[Signature]
DATE: 8/3/04



TOWN OF ADDISON, TEXAS

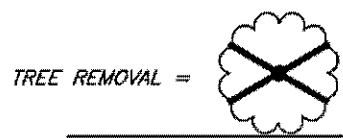
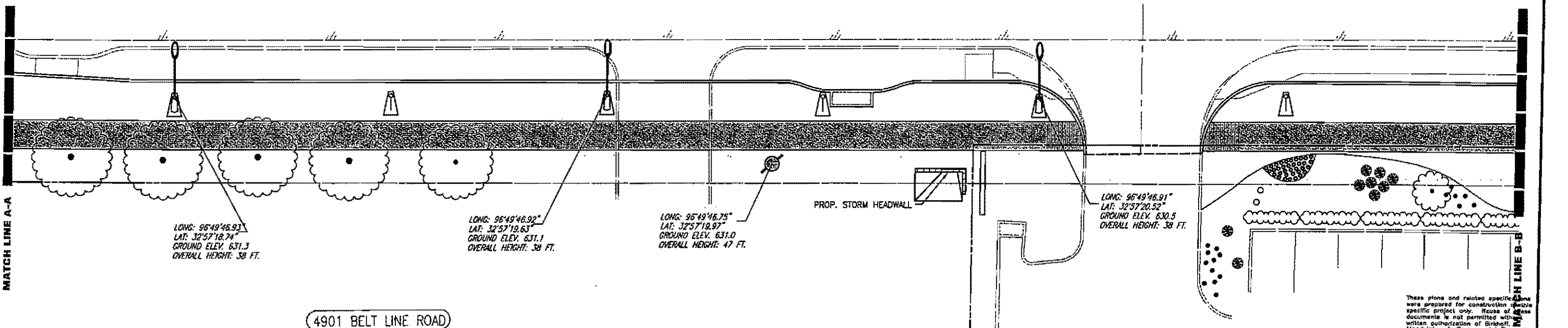
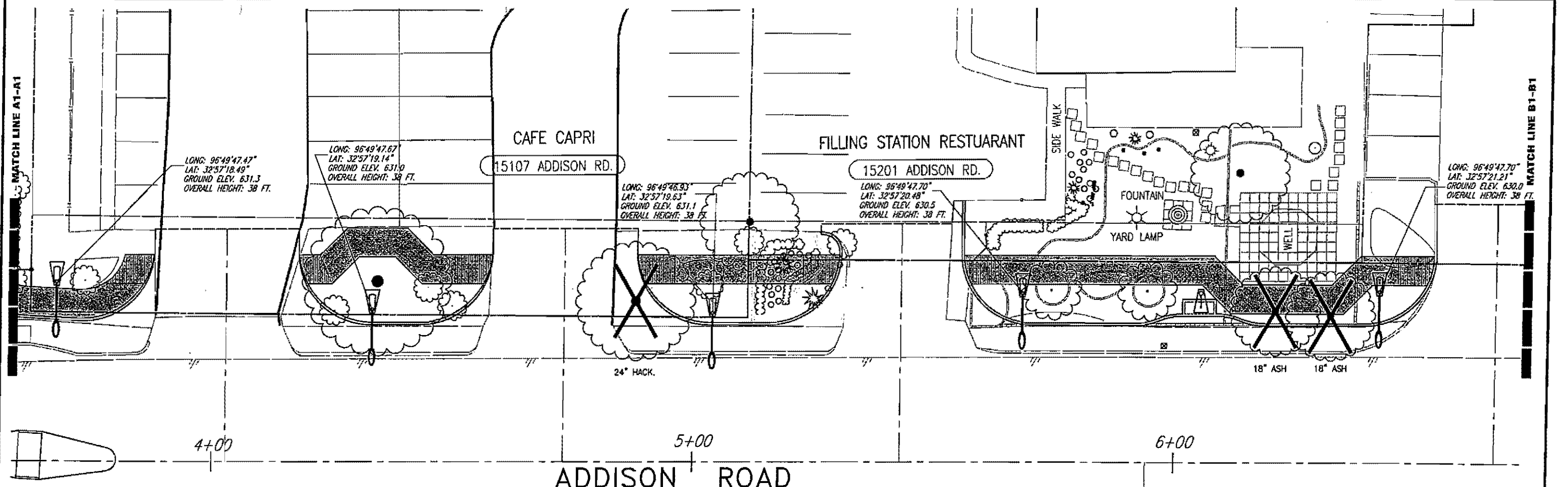
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

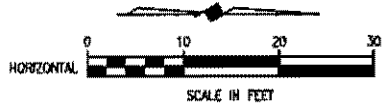
DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. LS1
DRAWN BY: TJM DATE: JUNE 2004 OF 58 SHEETS

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09/03/04 RAL SCALE: 1"=10'
K:\PROJECTS\ADDISON\2002\102\PHASE1\102\102\102.DWG



BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°



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AND PERMIT PURPOSES
John W. Burghoff
DATE: 8/3/04



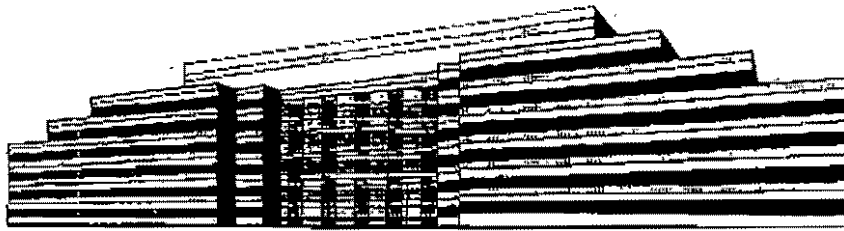
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2002 102	SHEET NO. 152
DRAWN BY: JHM	DATE: JUNE 2004	OF 58 SHEETS

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Copy of
Rick Compton's
response to
our 7/28/04
Submission

Federal Aviation Administration
Southwest Region - Airports Division

MAILING ADDRESS:

Department of Transportation
Federal Aviation Administration
Texas Airports Development Office
Fort Worth, TX 76193-0650

PHYSICAL ADDRESS:

Department of Transportation
Federal Aviation Administration
2601 Meacham Boulevard
Fort Worth, TX 76137-4298

Date: August 5, 2004
To: Addison Airport
Attention: **Ms. Lisa Pyles**
Phone # 1-972-392-4855 (ADS)
FAX # 1-972-788-9334 (ADS)

From: **Richard K. Compton**
Senior Program Manager
Texas Airports Development Office
Phone # (817) 222-5608
FAX # (817) 222-5989

Priority: RUSH

No. of Pages Including Cover Page: **15**

Facsimile Regarding:

Lisa & company;

Attached are 33 airspace studies that I processed this morning for new light poles on Addison Road. Many of these are very close to the Threshold Siting Surface elevation. Many DO PENETRATE the Threshold Siting Surface (as indicated on the attached graphics). I had a call from some person in the town planning or streets department who questioned when an airspace study was required (sounds like some education city is needed to protect your interests!). Also, I think a copy of my Threshold Siting Surface program (which I can Email you) may be of help with the folks in the design side of the house, as they have spent a lot of time and money designing these and now they must go back and do a rework (depending on what Bruce Beard tells them in the Airspace Determination). Additionally, there may be concern on the location of the lights with the approach to Runway 33, that they may present a confusing or undesirable lighting situation. Please take a look at this for me and give me some feedback.

Thanks
Rick

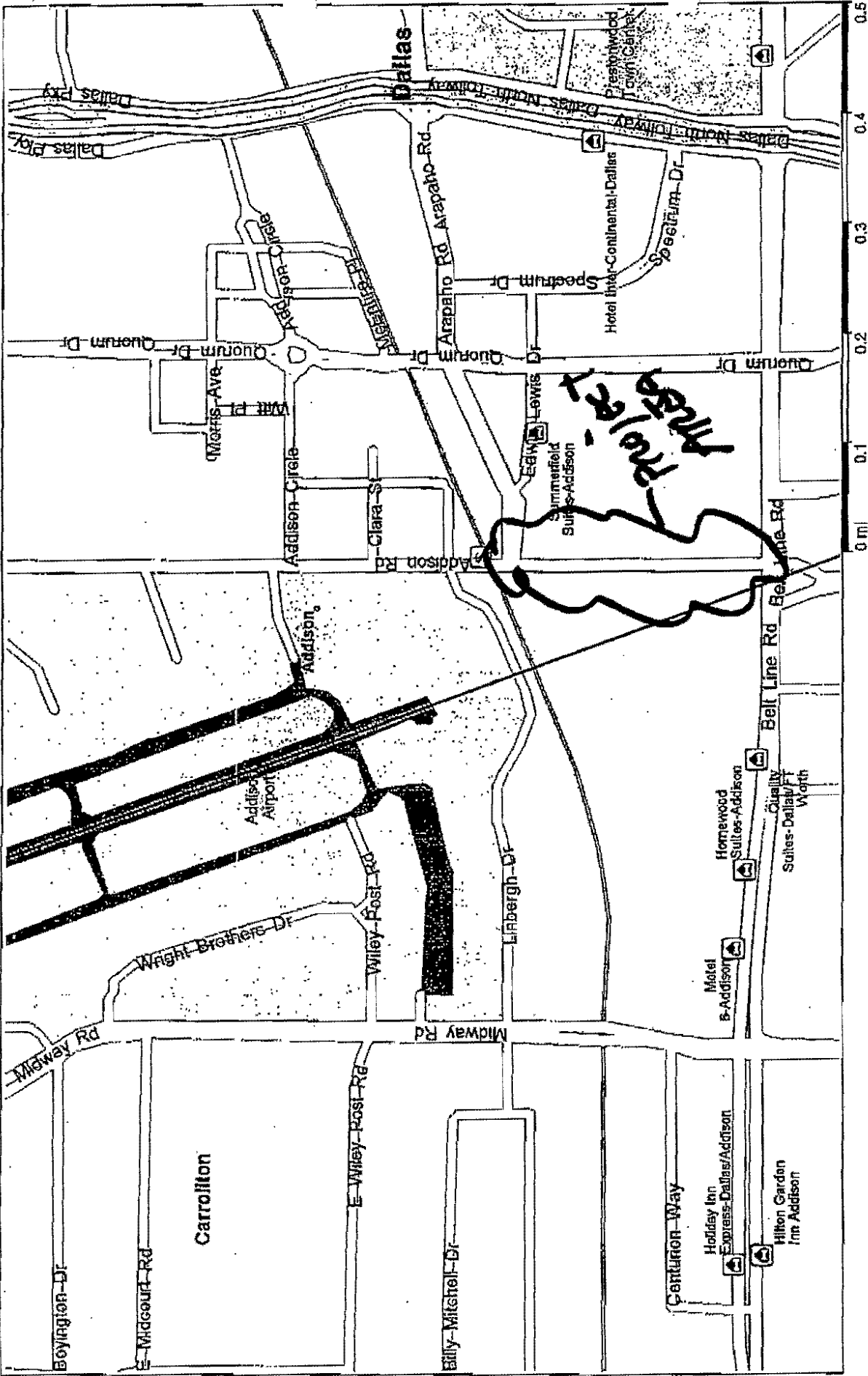
*

2004-ASW-4278-OE ADDISON	TX	WRK	Map Pt 77 -8	S 32.9 Clear S	S	S
2004-ASW-4279-OE ADDISON	TX	WRK	Map Pt 77 -3	S 28.2 Clear S	S	S
2004-ASW-4280-OE ADDISON	TX	WRK	Map Pt 77 -6	S 31.1 Clear S	S	S
2004-ASW-4281-OE ADDISON	TX	WRK	Map Pt 77 -1	S 26.9 Clear S	S	S
2004-ASW-4282-OE ADDISON	TX	WRK	Map Pt 77 (0)	S 25.2 Clear S	S	S
2004-ASW-4283-OE ADDISON	TX	WRK	Map Pt 77 (+3)	S 23.0 Clear S	S	S
2004-ASW-4284-OE ADDISON	TX	WRK	Map Pt 77 -4	S 28.7 Clear S	S	S
2004-ASW-4285-OE ADDISON	TX	WRK	Map Pt 77 (+1)	S 24.1 Clear S	S	S
2004-ASW-4286-OE ADDISON	TX	WRK	Map Pt 77 -1	S 26.7 Clear S	S	S
2004-ASW-4287-OE ADDISON	TX	WRK	Map Pt 77 (+4)	S 21.2 Clear S	S	S
2004-ASW-4288-OE ADDISON	TX	WRK	Map Pt 77 (+5)	S 20.6 Clear S	S	S
2004-ASW-4289-OE ADDISON	TX	WRK	Map Pt 77 (+5)	S 16.4 Clear S	S	S
2004-ASW-4290-OE ADDISON	TX	WRK	Map Pt 77 (+10)	S 14.4 Clear S	S	S
2004-ASW-4291-OE ADDISON	TX	WRK	Map Pt 77 (+18)	S 11.2 Clear S	S	S
2004-ASW-4292-OE ADDISON	TX	WRK	Map Pt 77 (+9)	S 17.0 Clear S	S	S
2004-ASW-4293-OE ADDISON	TX	WRK	Map Pt 77 (+11)	S 19.8 Clear S	S	S
2004-ASW-4294-OE ADDISON	TX	WRK	Map Pt 77 outside TSS	S 17.6 Clear S	S	S in TSS
2004-ASW-4295-OE ADDISON	TX	WRK	Map Pt 77 outside TSS	S 13.1 Clear S	S	S in TSS
2004-ASW-4299-OE SUGARLAND	TX	WRK	Map Pt 77	S	S	S

Total Number of Case(s): 49

*All Clearances were calculated based on the 771' displaced Threshold.

Addison, Texas, United States



Study #
4263
04.4263

41.3 Clear
1955 TSS
CD
PD
-16
clearly

LONG: 85°49'48.01"
LAT: 32°57'15.44"
GROUND ELEV: 633.6
OVERALL HEIGHT: 38 FT.

4264
1876
CD
PD
-15

LONG: 85°49'47.83"
LAT: 32°57'16.31"
GROUND ELEV: 633.5
OVERALL HEIGHT: 38 FT.

BELT LINE ROAD

ADDISON ROAD

1+00

2+

CREPE MYRTLE

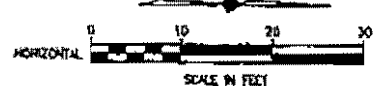
LONG: 85°49'46.85"
LAT: 32°57'15.41"
GROUND ELEV: 634.6
OVERALL HEIGHT: 38 FT.

LONG: 85°49'47.04"
LAT: 32°57'16.28"
GROUND ELEV: 633.5
OVERALL HEIGHT: 38 FT.

4266
1991
161
CD
PD
41.3
Clear
TSS
-16

4267
1911
174
CD
PD
40.0
Clear
TSS
-14

BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION
DEGREES -180° TO +180°



07/10/04 REL SCALE 1=10
 R:\PROJECTS\ADDISON VARIETY\PROJECTS\ADDISON.RDP

MATCH LINE A1-A1

LONG: 96°49'47.82"
LAT: 32°57'17.40"
GROUND ELEV. 632.2
OVERALL HEIGHT: 38 FT.

1774
153
-11'

3+00

LONG: 96°49'47.02"
LAT: 32°57'17.73"
GROUND ELEV. 632.0
OVERALL HEIGHT: 38 FT.

CD 1766
PA 228
-12.1'

37.3 Clear 42.70
TS9

LONG: 96°49'47.01"
LAT: 32°57'16.82"
GROUND ELEV. 632.6
OVERALL HEIGHT: 38 FT.

39.29-14'
TS9 Clear

LONG: 96°49'48.82"
LAT: 32°57'17.65"
GROUND ELEV. 632.2
OVERALL HEIGHT: 42 FT.

42.69
33.4
CD 1778
PA 234
-8'

TREE REMOVAL =



LONG: 96°49'46.78"
LAT: 32°57'18.30"
GROUND ELEV. 632.4
OVERALL HEIGHT: 42 FT.

42.71
04 42.71
31.5
CD 1719
PA 257
-7.1'

These plans and related specifications were prepared for consideration of this specific project only. None of them constitute a contract without written authorization of Birkhoff, Hendricks, & Conway, L.L.P.

MATCH LINE A-A

SOILY'S RR0
101 BELT LI

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
DATE: 7/26/04



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.H. PROJECT: 2002-102 SHEET NO. L51
DRAWN BY: T.H. DATE: JUNE 2004 OF 58 SHEETS

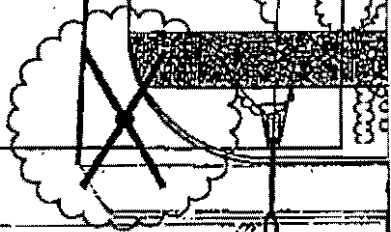
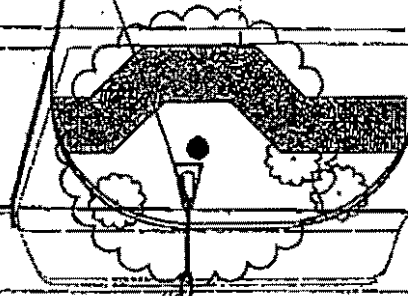
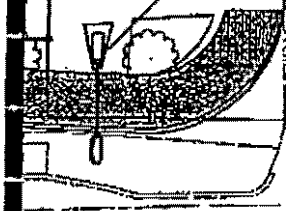
MATCH LINE AT-A1

35.5' Clear
CP 1691
PD 219
04-1272
LONG: 95°49'47.47"
LAT: 32°57'12.49"
GROUND ELEV: 631.3
OVERALL HEIGHT: 38 FT.
4272

4273
CP 1613
PD 220
-9
33.8' Clear
LONG: 95°49'47.61"
LAT: 32°57'12.14"
GROUND ELEV: 631.0
OVERALL HEIGHT: 38 FT.

CAFE CAPRI
15107 ADDISON RD.

1578
3279
30
-8
4279
LONG: 95°49'46.93"
LAT: 32°57'12.63"
GROUND ELEV: 631.1
OVERALL HEIGHT: 38 FT.

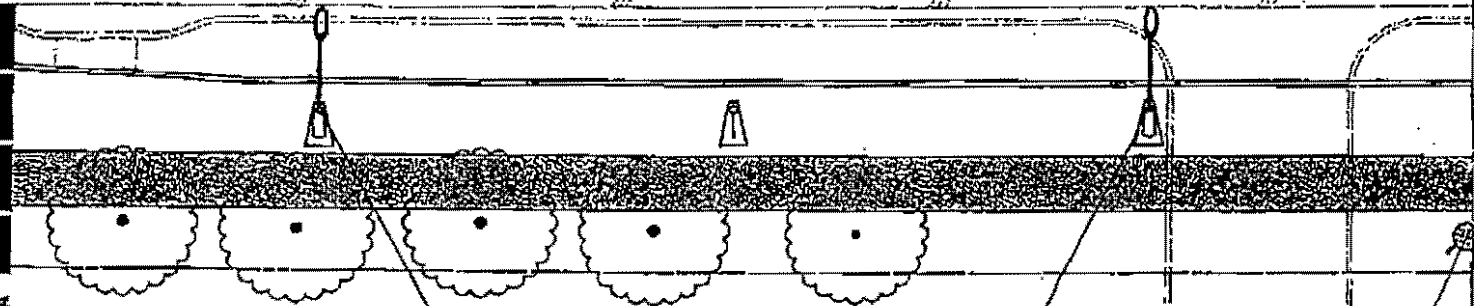
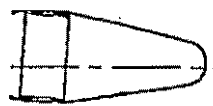


24" HOOK.

4+00

5+00

ADDISON ROAD



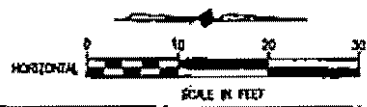
LONG: 95°49'46.83"
LAT: 32°57'12.74"
GROUND ELEV: 631.3
OVERALL HEIGHT: 38 FT.
4277
1673
270
-10'

LONG: 95°49'46.92"
LAT: 32°57'12.83"
GROUND ELEV: 631.1
OVERALL HEIGHT: 38 FT.
4278
1588
302
42.9' Clear
795

LONG: 95°49'46.75"
LAT: 32°57'12.97"
GROUND ELEV: 631.0
OVERALL HEIGHT: 42 FT.
4279
156
28.2
327155
-3'

4901 BELT LINE ROAD

TREE REMOVAL



BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POST
DEGREES -180 TO +180

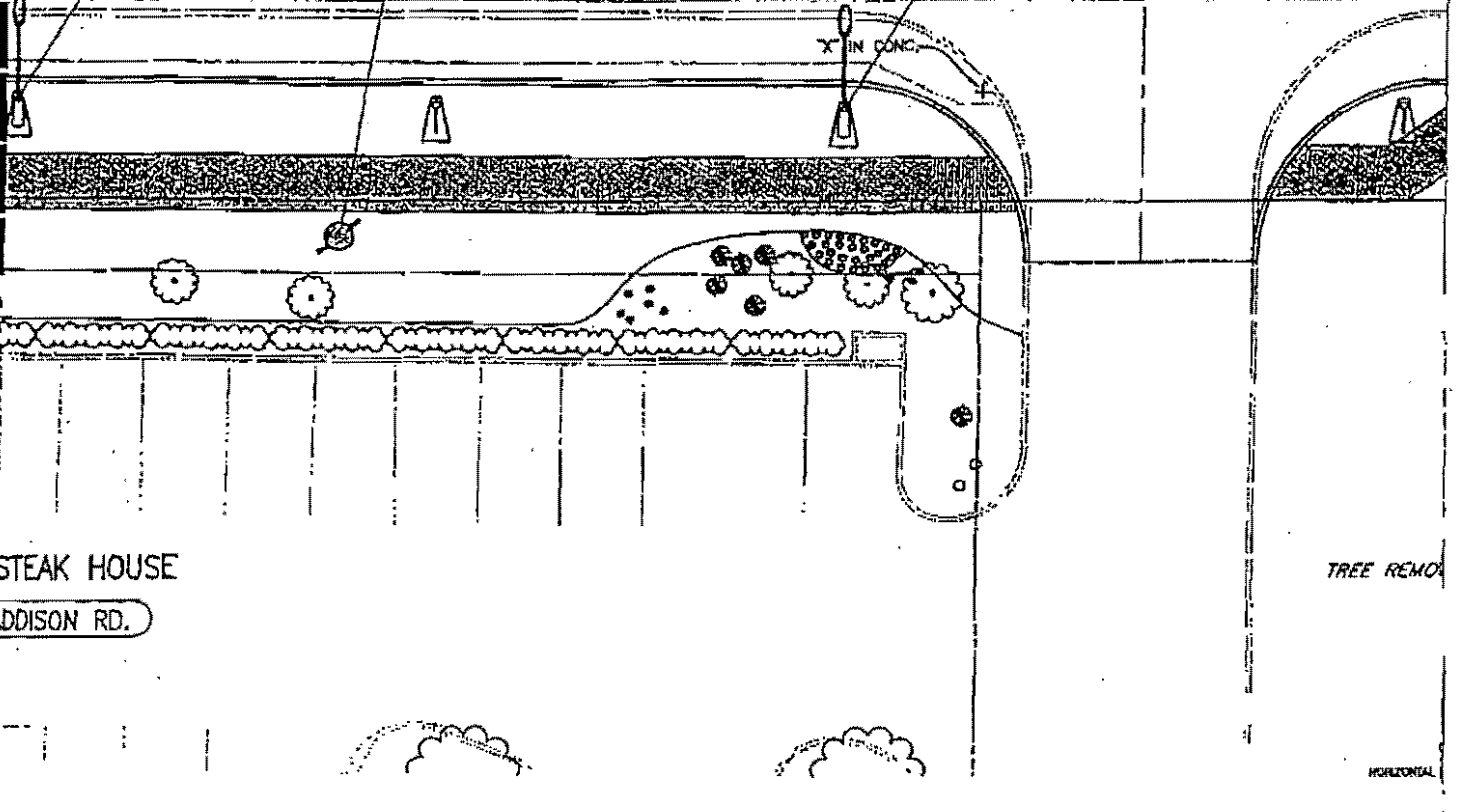
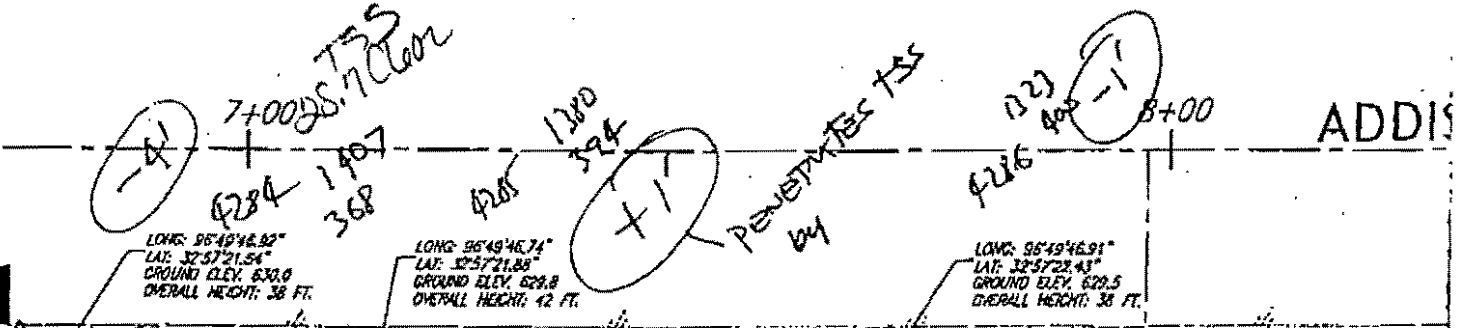
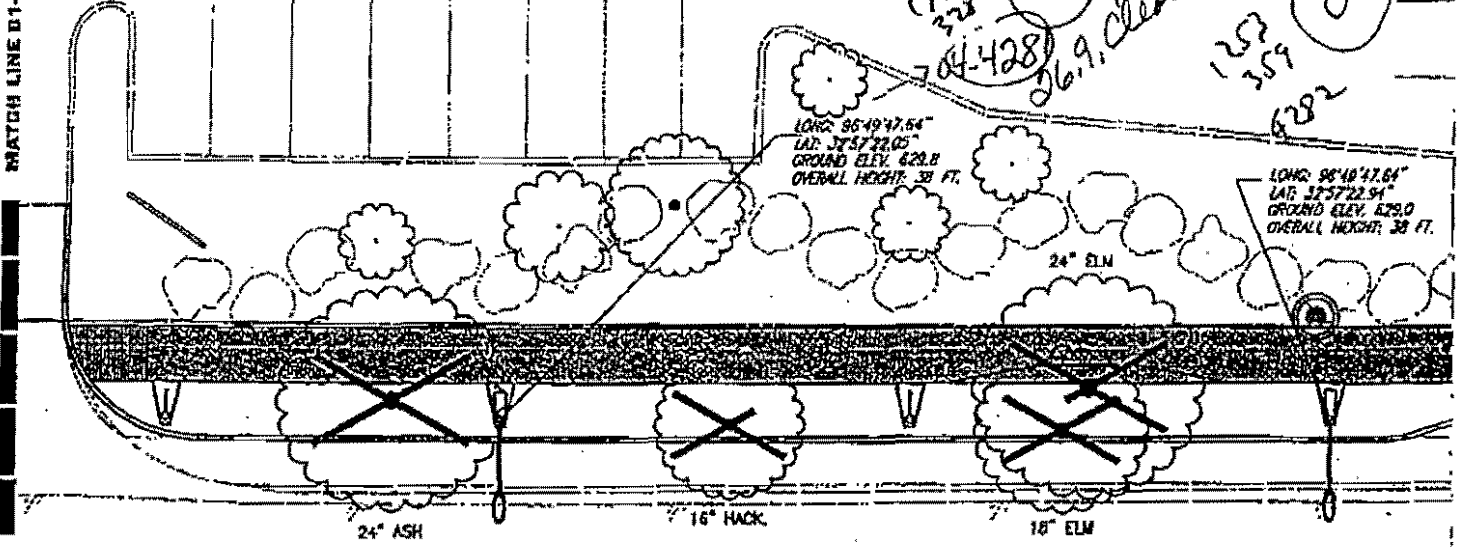
07/21/04 R.L. SCALE: 1"=40'

07/21/04 R.L. SHEET 1 OF 2

MAKOS

15207 ADDISON RD.

MATCH LINE BT-BT



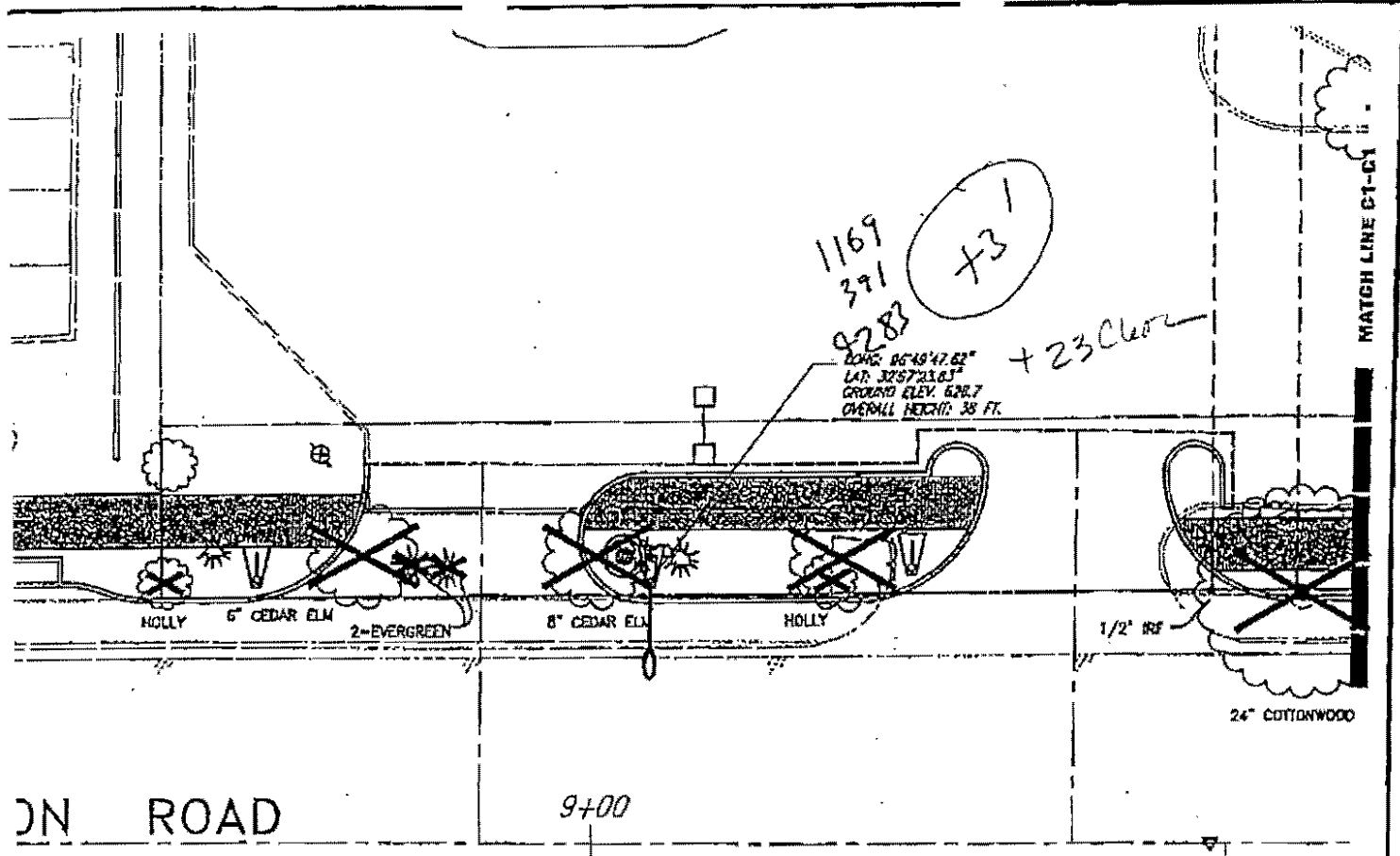
STEAK HOUSE
ADDISON RD.

TREE REMOVAL

HORIZONTAL

SCALE: 1"=10'

9779/04 R.L.



1169
391
9283
+31

LONG: 86°48'47.62"
LAT: 32°57'23.63"
GROUND ELEV: 628.7
OVERALL HEIGHT: 38 FT.

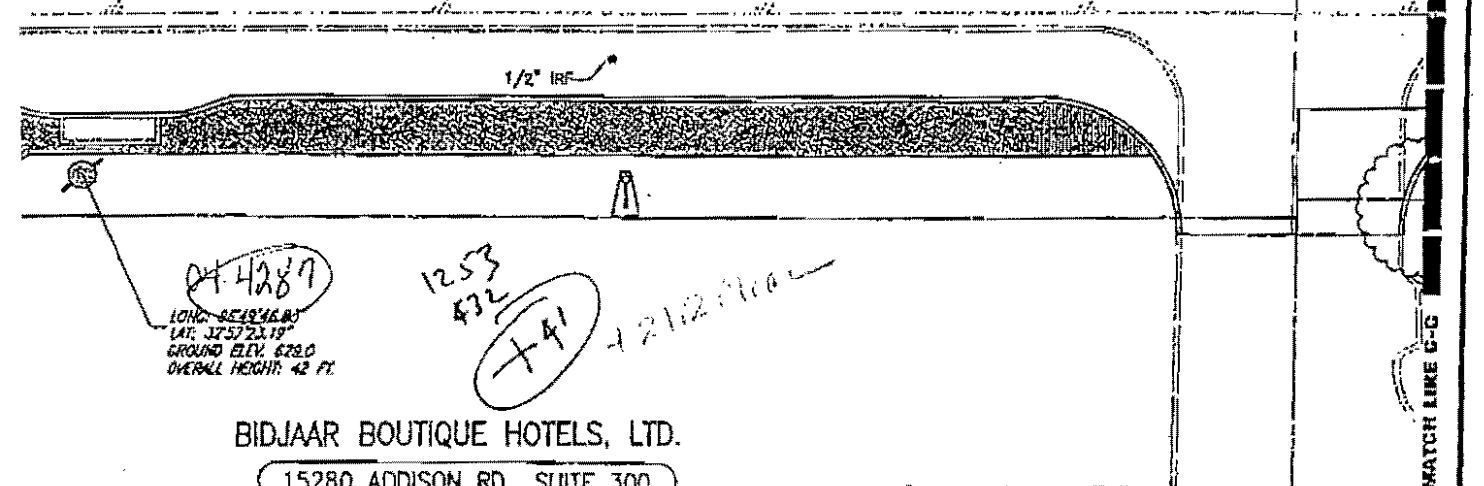
+23' Clear

MATCH LINE C1-C4

ON ROAD

9+00

24\"/>



044289

LONG: 86°48'46.80"
LAT: 32°57'23.19"
GROUND ELEV: 628.0
OVERALL HEIGHT: 42 FT.

1253
432
+41
+21'2\"/>

BIDJAAR BOUTIQUE HOTELS, LTD.
15280 ADDISON RD., SUITE 300

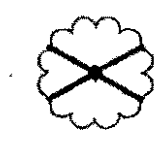
MATCH LINE C-5

These plans and related specifications were prepared for execution of this specific project only. Review of these documents is not permitted without written authorization of Birkhoff, Hendricks & Conway, L.L.P.

BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°

TOWN OF ADDISON, TEXAS			
ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I ADDISON ROAD LANDSCAPE/LIGHTING			
BIRKHOFF, HENDRICKS & CONWAY L.L.P. CONSULTING ENGINEERS <small>Dates: Texas</small>			
DESIGNED BY: J.W.B.	PROJECT: 2002 192	SHEET NO. 153	
DRAWN BY: JWH	DATE: JUNE 2004	OF 54 SHEETS	

THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.
John W. Birkhoff
DATE: 7/26/04



MATCH LINE 01-01

1087
421
151

081-112.88
LONG: 95°49'47.62"
LAT: 32°57'24.69"
GROUND ELEV: 628.7
OVERALL HEIGHT: 38 FT.

JOE'S MUFFLER

15233 ADDISON RD.

995
459
4289
781

LONG: 95°49'47.62"
LAT: 32°57'25.66"
GROUND ELEV: 628.0
OVERALL HEIGHT: 38 FT.

JERRY'S

15269 AD

6" C.E. ELM

10+00

11+00

AD

07/28/24 A.L. SCALE: 1"=10'
PROJECT: 20240100012024.DWG

MATCH LINE 02

4292

LONG: 95°49'46.83"
LAT: 32°57'24.80"
GROUND ELEV: 628.7
OVERALL HEIGHT: 42 FT.

1100
108
791

12" OAK

LONG: 95°49'46.82"
LAT: 32°57'25.71"
GROUND ELEV: 629.0
OVERALL HEIGHT: 42 FT.

LONG: 95°49'46.89"
LAT: 32°57'25.93"
GROUND ELEV: 629.0
OVERALL HEIGHT: 38 FT.

4294
994
529
outside
HS

QUORUM CENTR

4293
1014
520
711

15280 AD

1028
515
50' 0" width

571

J & D AUTO COSMETOLOGIST

15293 ADDISON RD.

904
487
1290
+10

4291 818
102
492
+141

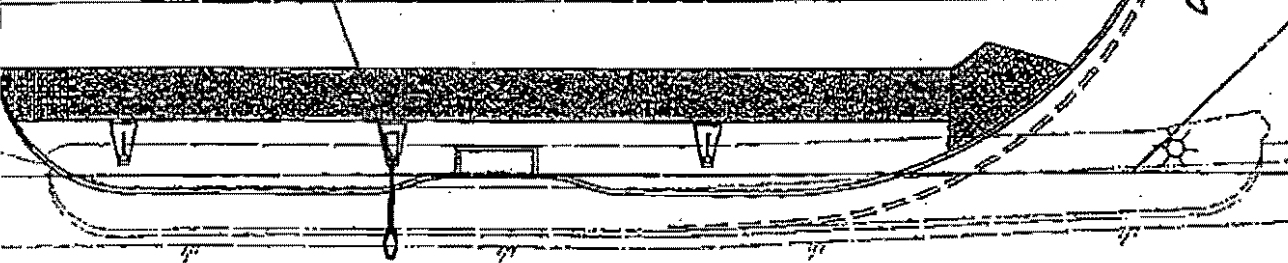
LONG: 96°49'47.83"
LAT: 32°57'26.62"
GROUND ELEV: 629.5
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.93"
LAT: 32°57'27.44"
GROUND ELEV: 630.0
OVERALL HEIGHT: 38 FT.

SHOP

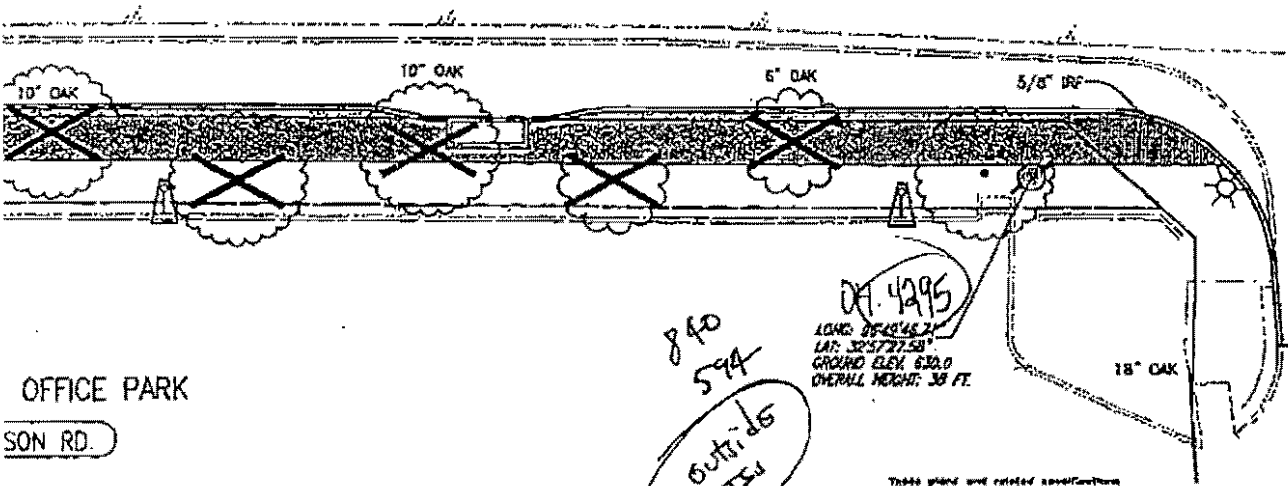
ADDISON RD.

MATCH LINE D-01



ADDISON ROAD 12+00

13+0



OFFICE PARK

ADDISON RD.

ARAPAHO ROAD

MATCH LINE D-02

TREE REMOVAL =



840
594
outside
TSU

DT: 4295
LONG: 96°49'48.21"
LAT: 32°57'27.58"
GROUND ELEV: 630.0
OVERALL HEIGHT: 38 FT.

These plans and related specifications were prepared for consideration of this specific project only. Reuse of these documents is not permitted without written authorization of Birkooff, Hendricks, & Conway, L.L.P.

TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS

THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.

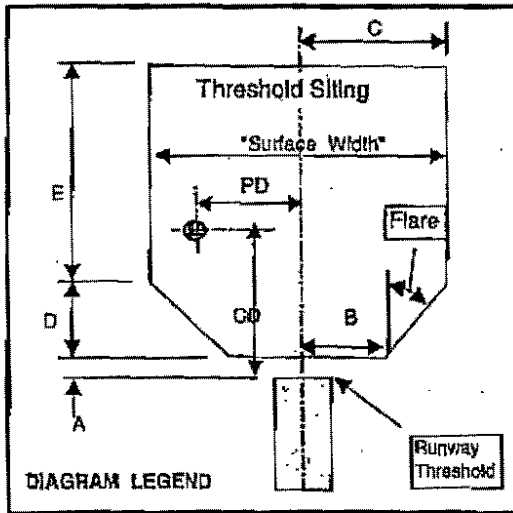
DATE: 7/26/09



Drawn by: J.W.B. PROJECT: 0009 102
Checked by: J.W.B. DATE: JUNE 2008
SHEET NO. 154 OF 64 SHEETS

Object on Study # ~~4293~~ 4293

INPUT DATA						DATA RESULTS						
Object Data						Threshold Siting Surface						
OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)	Graphic View	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Object Penetration?	Amount of Threshold Displacement Required (in feet)
1014	520	838	829	42	871							
							a	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
								Surface Height @ 15:1	not in surface	#VALUE!	#VALUE!	#VALUE!
							b	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
								Surface Height @ 20:1	not in surface	#VALUE!	#VALUE!	#VALUE!
							c	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
								Surface Height @ 20:1	not in surface	#VALUE!	#VALUE!	#VALUE!
							d	Surface Width @ CD	not in surface	#VALUE!	#VALUE!	#VALUE!
								Surface Height @ 20:1	not in surface	#VALUE!	#VALUE!	#VALUE!
							e	Surface Width @ CD	1044.2	676.7	no, by	
								Surface Height @ 20:1	40.7	676.7	-5.7	
							f	Surface Width @ CD	1044.2	676.7	no, by	
								Surface Height @ 20:1	40.7	676.7	-5.7	
							g	Surface Width @ CD	1044.2	659.9	YES, by	
								Surface Height @ 34:1	23.9	659.9	11	376
							h	CAT II or Greater				



Worksheet Help C:\sw\5300\13\text Dimensional Standards Print Page EXIT

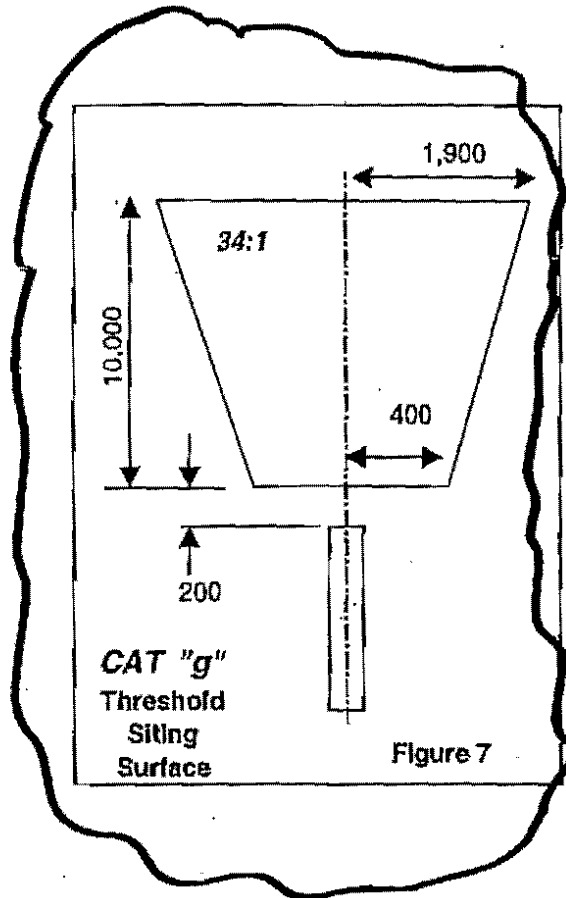
NOTE: Do Not Save upon exit

Developed by:
 Richard K. Compton
 Senior Program Manager
 Federal Aviation Administration
 Southwest Region
 Texas Airports Development Office
 817-222-5608

11 / PENETRATION

Threshold Siting Tool - Version 2.0d
 Make Directory & Save - 1st Time ONLY

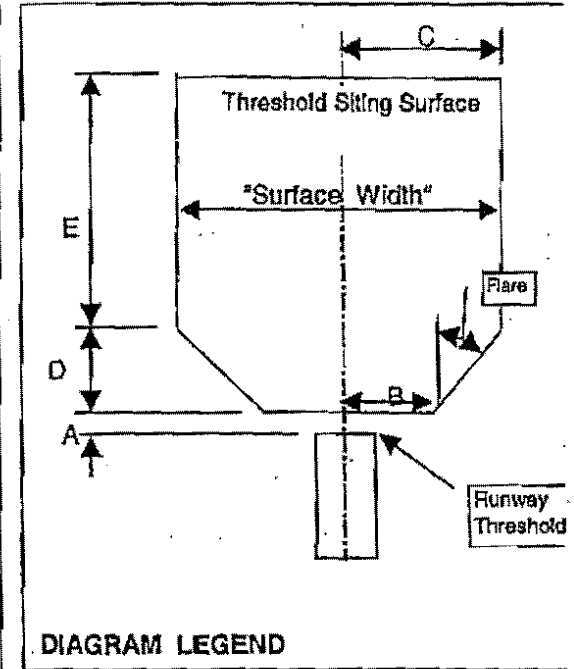
Category "g" , Threshold Siting Surface



AC 150/5300-13, Change 7, Appendix 2

f. For Approach End of Runways Expected to Accommodate Instrument Approaches Having Visibility Minimums Less Than 3/4 Mile, or a Precision Approach (Day or Night).

- (1) No object should penetrate a surface that starts 200 feet (60 m) out from the threshold and at the elevation of the runway centerline at the threshold and slopes upward from the starting point at a slope of 34 (horizontal) to 1 (vertical).
- (2) In the plan view, the centerline of this surface extends 10,000 feet (3 000 m) along the extended runway centerline. This surface extends laterally 400 feet (120 m) on each side of the centerline at the starting point and increases in width to 1900 feet (570m) on each side of the centerline at the far end of this surface. (See Figure 7.)
- (3) If the instrument approach procedure utilizes an offset localizer with an offset angle of 3 degrees or less, the above surface is centered upon the final approach course rather than the extended runway centerline. (See Figure A2-3 of the AC).



Print Page

BACK to Worksheet

Threshold Siting Tool - Version 2.0c

ADS TSS Surface Penetration Check										
Number	Object	Dist From Surface	Threshold Elevation	Dist From RW End	Dist From CL	Object Height	34:1 TSS Clear or Penetration	20:1 TSS Clear or Penetration	15:1 TSS Clear or Penetration	50:1 AS Clear or Penetration
100	Pole	1389.2	638.6			632	47.5	76.1	99.2	34.4
101	Pole	1354.82	638.6			632	46.4	74.3	96.9	33.7
	Pole						0.0	0.0	0.0	0.0
	Pole						0.0	0.0	0.0	0.0
	Pole						0.0	0.0	0.0	0.0
4263	Pole	2526.4	638.6			671.6	41.3	93.3	135.4	17.5
4264	Pole	2423.86	638.6			670.6	39.3	89.2	129.6	16.5
4265	Pole	2345	638.6			670.2	37.4	85.7	124.7	15.3
4266	Pole	2562	638.6			672.6	41.4	94.1	136.8	17.2
4267	Pole	2481.96	638.6			671.5	40.1	91.2	132.6	16.7
4268	Pole	2423.86	638.6			670.6	39.3	89.2	129.6	16.5
4269	Pole	2346.7	638.6			674.2	33.4	81.7	120.8	11.3
4270	Pole	2336.7	638.6			670	37.3	85.4	124.4	15.3
4271	Pole	2289.5	638.6			674.4	31.5	78.7	116.8	10.0
4272	Pole	2251.76	638.6			669.3	35.5	81.9	119.4	14.3
4273	Pole	2183.74	638.6			669	33.8	78.8	115.2	13.3
4274	Pole	2158.4	638.6			669.1	33.0	77.4	113.4	12.7
4275	Pole	2055.46	638.6			668.5	30.6	72.9	107.1	11.2
4276	Pole	1986.43	638.6			668	29.0	69.9	103.0	10.3
4277	Pole	2243.54	638.6			669.3	35.3	81.5	118.9	14.2
4278	Pole	2158.4	638.6			669.1	33.0	77.4	113.4	12.7
4279	Pole	2131.29	638.6			673	28.3	72.2	107.7	8.2
4280	Pole	2074.2	638.6			668.5	31.1	73.8	108.4	11.6
4281	Pole	1908.28	638.6			667.8	26.9	66.2	98.0	9.0
4282	Pole	1823.1	638.6			667	25.2	62.8	93.1	8.1
4283	Pole	1739.01	638.6			666.7	23.0	58.9	87.8	6.7
4284	Pole	1977.11	638.6			668	28.8	69.5	102.4	10.1
4285	Pole	1950	638.6			671.8	24.2	64.3	96.8	5.8
4286	Pole	1892.97	638.6			667.5	26.8	65.7	97.3	9.0
4287	Pole	1822.83	638.6			671	21.2	58.7	89.1	4.1
4288	Pole	1656.88	638.6			666.7	20.6	54.7	82.4	5.0
4289	Pole	1524.71	638.6			667	16.4	47.8	73.2	2.1
4290	Pole	1473.59	638.6			667.5	14.4	44.8	69.3	0.6

ADS TSS Surface Penetration Check

Number	Object	Dist From Surface	Threshold Elevation	Dist From RW End	Dist From CL	Object Height	34:1 TSS Clear or Penetration	20:1 TSS Clear or Penetration	15:1 TSS Clear or Penetration	50:1 AS Clear or Penetration
4291	Pole	1382	638.6			668	11.2	39.7	62.7	-1.8
4292	Pole	1669.58	638.6			672.7	15.0	49.4	77.2	-0.7
4293	Pole	1776.5	638.6			671	19.9	56.4	86.0	3.1
4294	Pole	1564.02	638.6			667	17.6	49.8	75.9	2.9
4295	Pole	1446.44	638.6			668	13.1	42.9	67.0	-0.5
	Pole		638.6				638.6	638.6	638.6	638.6
	Pole		638.6				638.6	638.6	638.6	638.6

Beginning Point Always ^{ULT} Runway 15 END Lat & Long:

32 58 44.036
96 50 21.491

True Bearing RELABS: 159.78

Bearing in Drawing: 158.874

- .906 DIFF (Rotate -.906)

Pole

100) 816.76 From RW end 632 MSL
 $1389.2 / 34 = 40.858$
 $40.858 + 638.6 = 679.458$
 $679.458 - 632 = 47.4$ CLR TSS

101) 783.82 From RW end 632 MSL
 $1354.82 / 34 = 39.8476$
 $39.847 + 638.6 = 678.44$
 $678.44 - 632 = 46.44$ CLR TSS

100) 818.18 From RW end 632 MSL
 $618.18 / 50 = 12.36$
 $12.3668 + 635.7 = 648.0668$
 $648.0668 - 632 = 16.0668$ CLR APP

101) 783.82 From RW end
 $590.06 / 50 = 11.80$
 $11.8 + 635.7 = 647.5$
 $647.5 - 632 = 15.5$ CLR APP

4291) 818 From RW end
 $1382 / 34 = 40.64$
 $40.64 + 638.6 = 679.24$
 $679.24 - 668 = 11.24$ CLR TSS

4295) 816.5 FROM RW end
 $1446.44 / 34 = 42.5 + 638.6 = 681.1$
 $681.1 - 668 = 13.1$ CLEAR TSS

100) 1000 FT
101) 1000 FT
100) 1000 FT
101) 1000 FT

Hudson,

16 SEPT 04
2 5

POLE

#4293

From
TSS Basin

$$1776.5/34 = 52.25$$

$$52.25 + 638.6 = 690.85$$

$$690.85 - 671 = 198.5 \text{ TSS Clear}$$

4294

$$1564.02/34 = 46.0$$

$$46.0 + 638.6 = 684.6$$

$$684.6 - 667 = 17.6 \text{ Clear TSS}$$

4290

$$1473.59/34 = 43.3$$

$$43.3 + 638.6 = 681.94$$

$$681.94 - 667.5 = 14.44 \text{ Clear TSS}$$

4289

$$1524.71/34 = 44.84$$

$$44.84 + 638.6 = 683.44$$

$$683.44 - 667.0 = 16.44 \text{ Clear TSS}$$

4288

$$1656.88/34 = 48.73$$

$$48.73 + 638.6 = 687.33$$

$$687.33 - 666.7 = 20.6 \text{ Clear TSS}$$

4292

$$1669.5884/34 = 49.1$$

$$49.1 + 638.6 = 687.7$$

$$687.7 - 670.7 = 17 \text{ Clear TSS}$$

4287

$$1822.83/34 = 53.61$$

$$53.61 + 638.6 = 692.2$$

$$692.2 - 671.0 = 21.2 \text{ Clear TSS}$$

4283

$$1739.01/34 = 51.14$$

$$51.14 + 638.6 = 689.7$$

$$689.7 - 666.7 = 23 \text{ Clear TSS}$$

4286

$$1892.97/34 = 55.67$$

$$55.67 + 638.6 = 694.2$$

$$694.2 - 667.5 = 26.7 \text{ Clear TSS}$$

POLE# From TSS
Polein

4282 $1823.1 / 34 = 53.6$
 $53.6 + 638.6 = 692.2$
 $692.2 - 667 = 25.2$ Clear TSS

4285 $1950.0 / 34 = 57.35$
 $57.35 + 638.6 = 695.95$
 $695.95 - 671.8 = 24.15$ Clear TSS

4281 $1908.28 / 34 = 56.1$
 $56.1 + 638.6 = 694.7$
 $694.7 - 667.8 = 26.9$ Clear TSS

4284 $1977.11 / 34 = 58.15$
 $58.15 + 638.6 = 696.75$
 $696.75 - 668 = 28.75$ Clear TSS

4280 $2074.2 / 34 = 61.0$
 $61 + 638.6 = 699.6$
 $699.6 - 668.5 = 31.1$ Clear TSS

4276 $1986.43 / 34 = 58.4$
 $58.4 + 638.6 = 697.0$
 $697.0 - 668 = 29.0$ Clear TSS

4275 $2055.46 / 34 = 60.45$
 $60.45 + 638.6 = 699.05$
 $699.05 - 668.5 = 30.5$ Clear TSS

4279 $2131.29 / 34 = 62.68$
 $62.68 + 638.6 = 701.28$
 $701.2 - 673.0 = 28.2$ Clear TSS

4274 $2158.4 / 34 = 63.48$
 $63.48 + 638.6 = 702.08$
 $702.08 - 669.1 = 32.98$ Clear TSS

4278 $2158.4 / 34 = 63.48$
 $63.48 + 638.6 = 702.08$
 $702.08 - 669.1 = 32.9$ Clear TSS

Pole #
4273From
P. 502

$$2183.74 / 34 = 64.22$$

$$64.22 + 638.6 = 702.8$$

$$702.8 - 669 = 33.8 \text{ Clear TSS}$$

4277

$$2243.54 / 34 = 65.986$$

$$65.986 + 638.6 = 704.5$$

$$704.5 - 669.3 = 35.2 \text{ Clear TSS}$$

4272

$$2251.76 / 34 = 66.2$$

$$66.2 + 638.6 = 704.8$$

$$704.8 - 669.3 = 35.5 \text{ Clear TSS}$$

4271

$$2289.5 / 34 = 67.3$$

$$67.3 + 638.6 = 705.9$$

$$705.9 - 674.4 = 31.5 \text{ Clear}$$

4270

$$2336.7 / 34 = 68.7$$

$$68.7 + 638.6 = 707.3$$

$$707.3 - 670 = 37.32 \text{ Clear}$$

4269

$$2346.7 / 34 = 69$$

$$69 + 638.6 = 707.6$$

$$707.6 - 674.2 = 33.4 \text{ Clear}$$

4265

$$2345.0 / 34 = 68.97$$

$$68.97 + 638.6 = 707.5$$

$$707.5 - 670.2 = 37.3 \text{ Clear}$$

4268

$$2423.86 / 34 = 71.29$$

$$71.29 + 638.6 = 709.89$$

$$709.89 - 670.6 = 39.29 \text{ Clear}$$

4264

$$2397.2 / 34 = 70.5$$

$$70.5 + 638.6 = 709.1$$

$$709.1 - 671.6 = 37.5$$

4267

$$2451.96 / 34 = 72.12$$

$$72.12 + 638.6 = 710.72$$

$$710.72 - 671.5 = 39.22 \text{ Clear}$$

WOODS

16 SEPT 04
5 5

PALET
4264

FROM
~~332~~

$$2562.0 / 34 = 75.3$$

$$75.3 + 638.6 = 713.9$$

$$713.9 - 672.6 = 41.35 \text{ Clear}$$

4263

$$2526.4 / 34 = 74.3$$

$$74.3 + 638.6 = 712.9$$

$$712.9 - 671.6 = 41.3 \text{ Clear}$$

Addison Rd Widening

9-16-04

Telecon with Mike Dymterko, Coffman Assoc.

Can't find any problem with poles

Rick Compton

Can't figure why he had obstructions

Part 77 measures

Doesn't really
apply because we
have a displaced
threshold.

200' from runway end (south)

Part 77 - from end of runway
We have obstructions

Apply threshold siting surfaces -

200' from (S) from displaced
Threshold - Satisfy

TERPS \neq

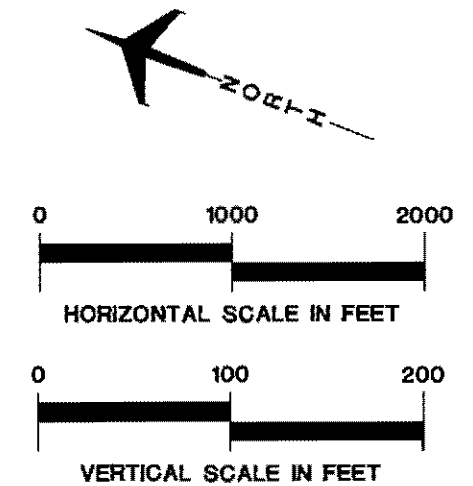
Threshold Siting Surfaces

34:1 slope

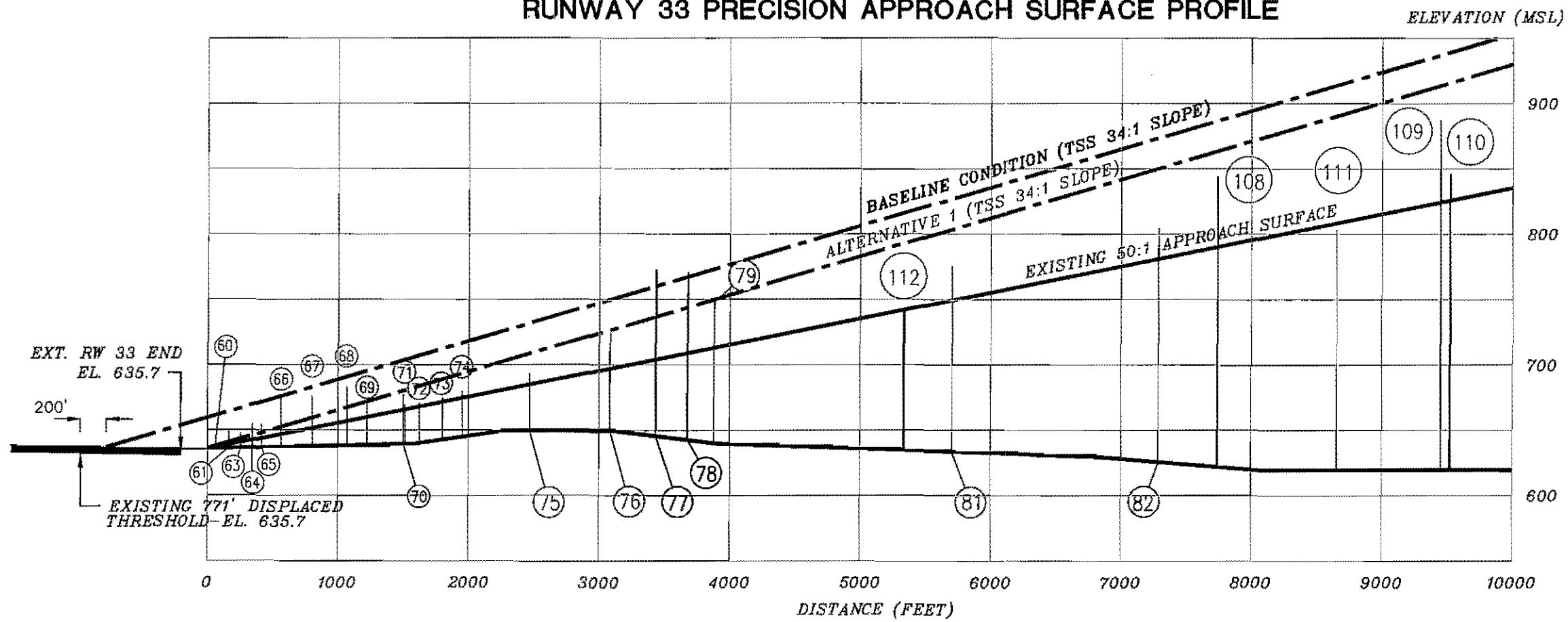
No Obstructions - closest
pole has 14' clearance

Term. Instrument Procedures

9-20-04 - Meeting with Lon - Bruce Beard has
yet to finalize his study on what are
originally proposed & sent in. Lon will
follow up with a phone call to B. Beard.



RUNWAY 33 PRECISION APPROACH SURFACE PROFILE

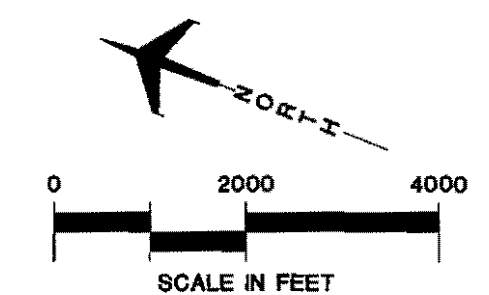




FAR PART 77 OBSTRUCTIONS

NO.	ITEM	PENETRATION	PART 77 SURFACE	DISPOSITION	NO.	ITEM	PENETRATION	PART 77 SURFACE	DISPOSITION	NO.	ITEM	PENETRATION	PART 77 SURFACE	DISPOSITION
1	ANT AND APBN ON ATCT	59'	TRANSITIONAL	NONE	38	OL ON TANK	NONE (-15')	HORIZONTAL	NONE	92	LT POLE	16'	RW15 APPROACH	NONE
2	ANT ON HANGAR	29'	TRANSITIONAL	NONE	43	TRMSN TWR	NONE (-9')	TRANSITIONAL	NONE	93	LT POLE	19'	RW15 APPROACH	NONE
3	POLE	17'	TRANSITIONAL	NONE	48	GROUND	5'	PRIMARY	NONE	94	POLE	18'	RW15 APPROACH	NONE
4	HANGAR	11'	TRANSITIONAL	NONE	49	LTD ELEC EQUIP	12'	PRIMARY	NONE	95	POLE	16'	RW15 APPROACH	NONE
6	ANT ON OL BLDG	37'	TRANSITIONAL	NONE	50	FENCE	10'	PRIMARY	NONE	96	OL ON BLDG	14'	RW15 APPROACH	NONE
9	LT POLE	38'	TRANSITIONAL	NONE	51	ROAD (NON-INTERSTATE)	11'	PRIMARY	NONE	97	OL ON LT POLE	23'	RW15 APPROACH	NONE
11	OL ON BLDG	NONE (-18')	HORIZONTAL	NONE	52	GROUND	3'	PRIMARY	NONE	98	OL ON LT POLE	26'	RW15 APPROACH	NONE
13	HANGAR	25'	TRANSITIONAL	NONE	53	ROD ON OL GS	44'	PRIMARY	NONE	99	OL ON LT POLE	26'	RW15 APPROACH	NONE
16	VENT ON BLDG	21'	TRANSITIONAL	NONE	54	POLE	20'	PRIMARY	NONE	100	LT POLE	25'	RW15 APPROACH	NONE
23	LT POLE	14'	TRANSITIONAL	NONE	55	GROUND	2'	PRIMARY	NONE	101	POLE	8'	RW15 APPROACH	NONE
25	OL ON BLDG	NONE (-34')	HORIZONTAL	NONE	56	OL ON LTD WSK	29'	PRIMARY	NONE	102	LT POLE	12'	RW15 APPROACH	NONE
26	TREE	13'	TRANSITIONAL	NONE	67	POLE	31'	RW15 APPROACH	NONE	103	LT POLE	4'	RW15 APPROACH	NONE
29	OL ON BLDG	29'	HORIZONTAL	NONE	88	FLG POLE	30'	RW15 APPROACH	NONE	104	POLE	8'	RW15 APPROACH	NONE
30	POLE	27'	TRANSITIONAL	NONE	89	BLDG	17'	RW15 APPROACH	NONE	105	TRMSN TWR	1'	RW15 APPROACH	NONE
31	FLG POLE	NONE (-31')	TRANSITIONAL	NONE	90	TREE	21'	RW15 APPROACH	NONE	106	BLDG	18'	INNER TRANSITIONAL	NONE
33	ANT ON BLDG	18'	TRANSITIONAL	NONE	91	TREE	25'	RW15 APPROACH	NONE					

Note: Obstructions identified in table are from 1997 F.A.R. Part 77 Airspace Drawing (Dunkelberg & Company). Other obstructions which are numbered but not yet identified are from NCTCOG Aerial Aurvey (2002).



Addison!
Airport

9-1-04

~~8/28/04~~

Mike: We need some help regarding power pole and streetlights pole heights along our Addison Rd widening project.

I have attached the set of drawings and Rick Compton's response to our 7460 submitted 7/28/04.

The existing power poles along Addison Rd are 42.6' high right now and yet none of them penetrated the Baseline 34:1 slope on Exhibit 4E. It looks like object (b) is right on the line.

WE THINK Rick Compton used 20:1

I have also attached a set of revised drawings showing some increased pole heights requested by the power Co. Please take a look at those as well as the others to see if they penetrate. If so, let us know how much and that will give us an idea of what we have to live with.

Thanks,
Jim Peier

~~242 997 504~~

James Davis / Poles

47' needed for vertical -

42' needed -

Poles are 42.6' high right now

Look @ Poles on both sides of
the Road

If we can stay @ 38' we will be ^{probably} OK

~~Probably~~ FAA is probably using a 20:1
Slope @ starting 200' south of displaced
threshold.

* Has 7460 been submitted for Drupaco III?

From edge of Approach, go up @ 7:1
From 500' from Runway " " " 7:1

We have a 23' elevation because of the RR

8/31/04

Height - exist poles neutral @ 46.18'
above top of pole

East
Side

Need 47' high - one on top of other
Need 42' double circuit w crossarm

West Side - commercial lighting needs
clearance - trees too

Circuits on both sides of Addison Rd
Still need 42' above ground
Could go armless (18" brackets)

James will look @ going underground in
the area of penetration. Would need
a switchgear - probably in front of hotel

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.
CONSULTING ENGINEERS

7502 Greenville Ave., #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

JOHN W. BIRKHOFF, P.E.
RONALD V. CONWAY, P.E.
GARY C. HENDRICKS, P.E.
JOE R. CARTER, P.E.
PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.
DOUGLAS K. SHOWERS, P.E.

August 3, 2004

Mr. James C. Pierce, Jr., P.E., DEE
City Engineer
Town of Addison
Post Office Box 9010
Addison, Texas 75001-9010

Re: Addison Road

Dear Mr. Pierce:

We are enclosing five sets of revised plans delineating the streetlights and power poles by longitude, latitude, ground elevation and overall height. These plans show the revised TXU pole locations and call out that the utility poles are to be 47 feet above ground.

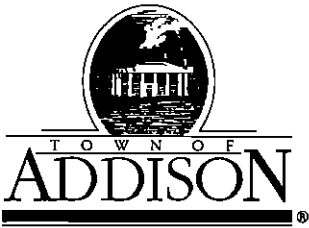
We are available at your convenience to discuss any questions you may have with the enclosed documents.

Sincerely,



John W. Birkhoff, P.E.

cc: Mr. James Davis



Public Works / Engineering

16801 Westgrove • P.O. Box 9010
 Addison, Texas 75001
 Telephone: (972) 450-2871 • Fax: (972) 450-2837

LETTER OF TRANSMITTAL

DATE	7-30-04	JOB NO.	
ATTENTION			
RE:	Addison Rd - FAA		

TO Lou E
Airport

GENTLEMAN:

WE ARE SENDING YOU

- Shop Drawings
- Copy of letter

- Attached
- Prints
- Change order

- Under separate cover via _____ the following items:
- Plans Samples Specifications
- _____

COPIES	DATE	NO.	DESCRIPTION
2			Revised plan showing revision in one pole location
1			Notice of Proposed Construction or Alteration - Revised -

THESE ARE TRANSMITTED as checked below:

- For approval
- For your use
- As requested
- For review and comment
- FOR BIDS DUE _____ 19____
- Approved as submitted
- Approved as noted
- Returned for corrections
- _____
- Resubmit _____ copies for approval
- Submit _____ copies for distribution
- Return _____ corrected prints
- PRINTS RETURNED AFTER LOAN TO US

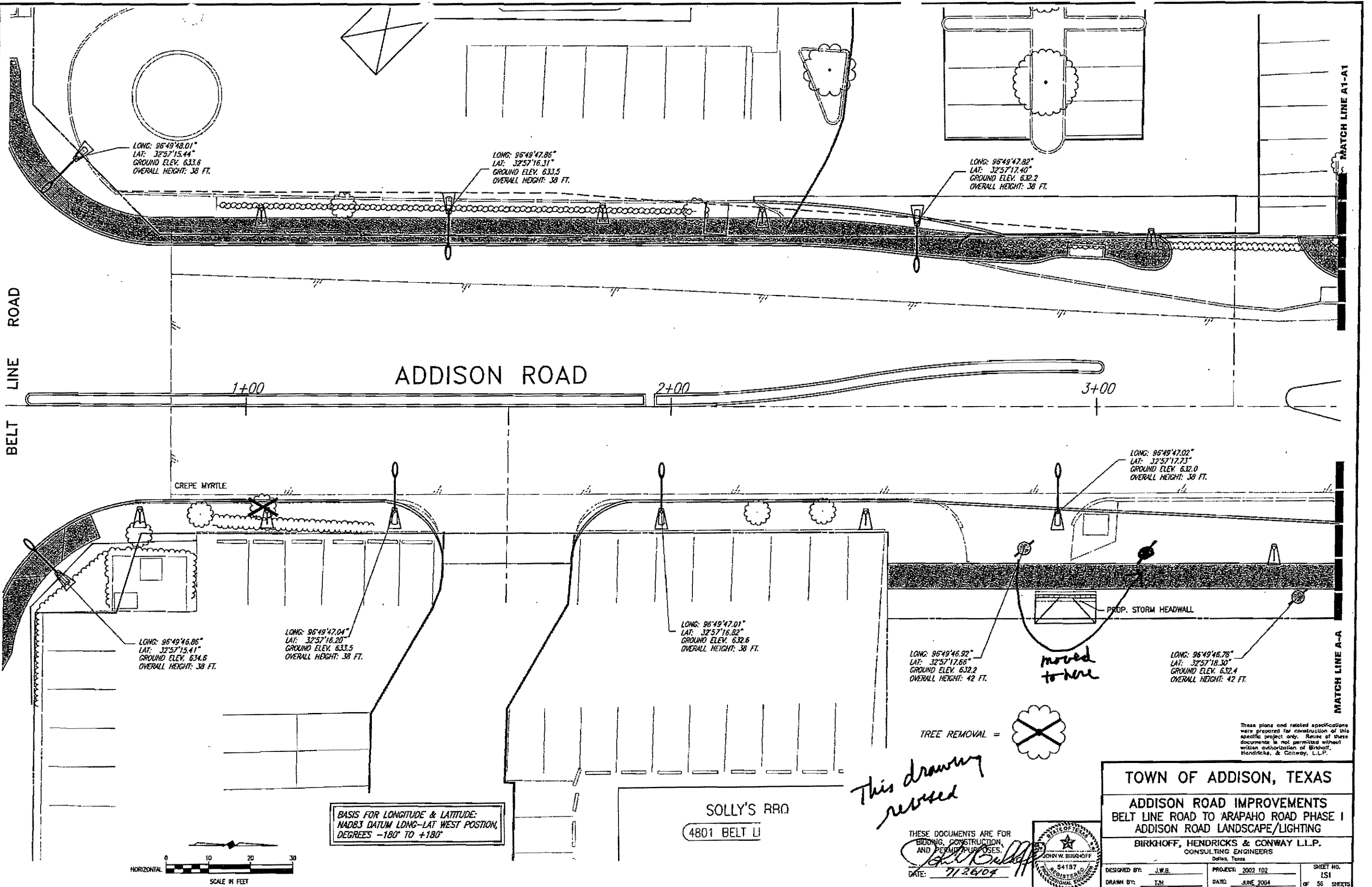
REMARKS Lou - some of the poles are 42' high -
I missed that before. Please revise
to FAA

COPY TO _____

SIGNED: J. Lewis

If enclosures are not as noted, please notify us at once.

07/26/04 R.L. SCALE: 1"=10'
R:\PROJECTS\ADDISON\2002102\PHASE1\ASSET\ASSET\2002102\LS1.JWG



LONG: 96°49'48.01"
LAT: 32°57'15.44"
GROUND ELEV: 633.6
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.86"
LAT: 32°57'16.31"
GROUND ELEV: 633.5
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.82"
LAT: 32°57'17.40"
GROUND ELEV: 632.2
OVERALL HEIGHT: 38 FT.

LONG: 96°49'46.86"
LAT: 32°57'15.41"
GROUND ELEV: 634.6
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.04"
LAT: 32°57'16.20"
GROUND ELEV: 633.5
OVERALL HEIGHT: 38 FT.

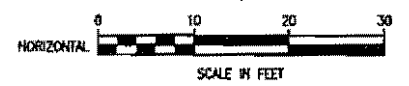
LONG: 96°49'47.01"
LAT: 32°57'16.82"
GROUND ELEV: 632.6
OVERALL HEIGHT: 38 FT.

LONG: 96°49'46.92"
LAT: 32°57'17.66"
GROUND ELEV: 632.2
OVERALL HEIGHT: 42 FT.

LONG: 96°49'47.02"
LAT: 32°57'17.73"
GROUND ELEV: 632.0
OVERALL HEIGHT: 39 FT.

LONG: 96°49'46.78"
LAT: 32°57'18.30"
GROUND ELEV: 632.4
OVERALL HEIGHT: 42 FT.

BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°



This drawing revised

THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.
DATE: 7/26/04



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2002 102	SHEET NO. LS1
DRAWN BY: TJM	DATE: JUNE 2004	OF 56 SHEETS

These plans and related specifications were prepared for construction of this specific project only. Reuse of these documents is not permitted without written authorization of Birkhoff, Hendricks, & Conway, L.L.P.



TXU
Electric Delivery

Fax Cover

TXU Electric Delivery
Project Management and Design Services
301 S. Harwood, 6 South
Dallas, TX 75201

Date: 07.28.04

To: John Birkhoff

Company: _____ Fax: 214.361.0204

From: J. Davis Phone: _____

Dept: _____ Fax: 214-875-2382

Re: _____

- Urgent
- For Review
- Please Reply
- Please Reply When Received

John,
I've moved Pole #1 to the north
as shown here on second sheet.

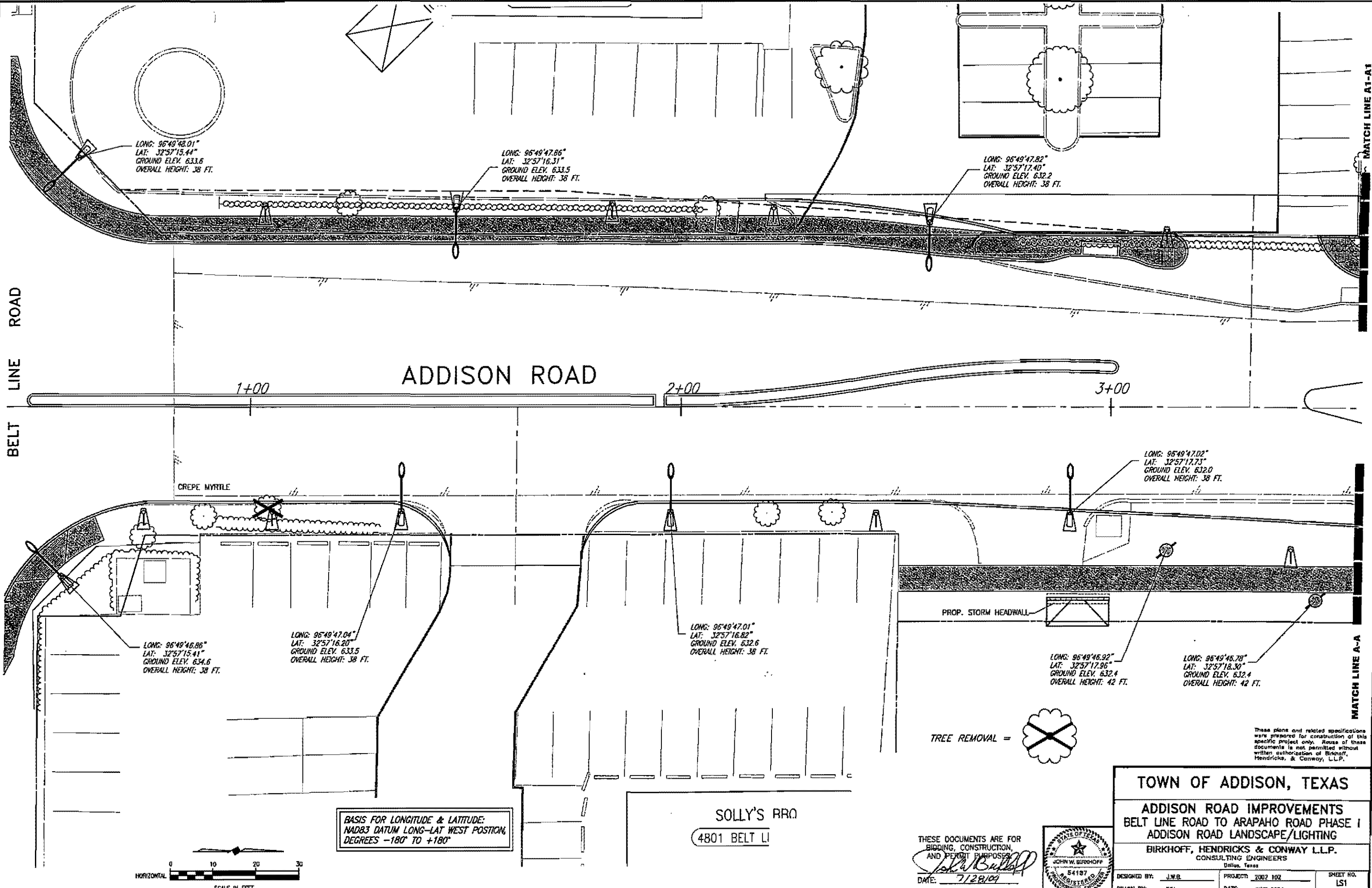
If any pages are not received, please call: _____

Number of pages (include cover page): 2

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07/26/04 R.L. SCALE: 1"=10'

07/26/04 R.L. SCALE: 1"=10'



LONG: 96°49'48.01"
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LONG: 96°49'47.04"
LAT: 32°57'16.20"
GROUND ELEV. 633.5
OVERALL HEIGHT: 38 FT.

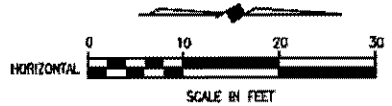
LONG: 96°49'47.01"
LAT: 32°57'16.82"
GROUND ELEV. 632.6
OVERALL HEIGHT: 38 FT.

LONG: 96°49'46.92"
LAT: 32°57'17.96"
GROUND ELEV. 632.4
OVERALL HEIGHT: 42 FT.

LONG: 96°49'47.02"
LAT: 32°57'17.73"
GROUND ELEV. 632.0
OVERALL HEIGHT: 38 FT.

LONG: 96°49'45.78"
LAT: 32°57'18.30"
GROUND ELEV. 632.4
OVERALL HEIGHT: 42 FT.

BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°



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John W. Birkhoff
DATE: 7/28/04

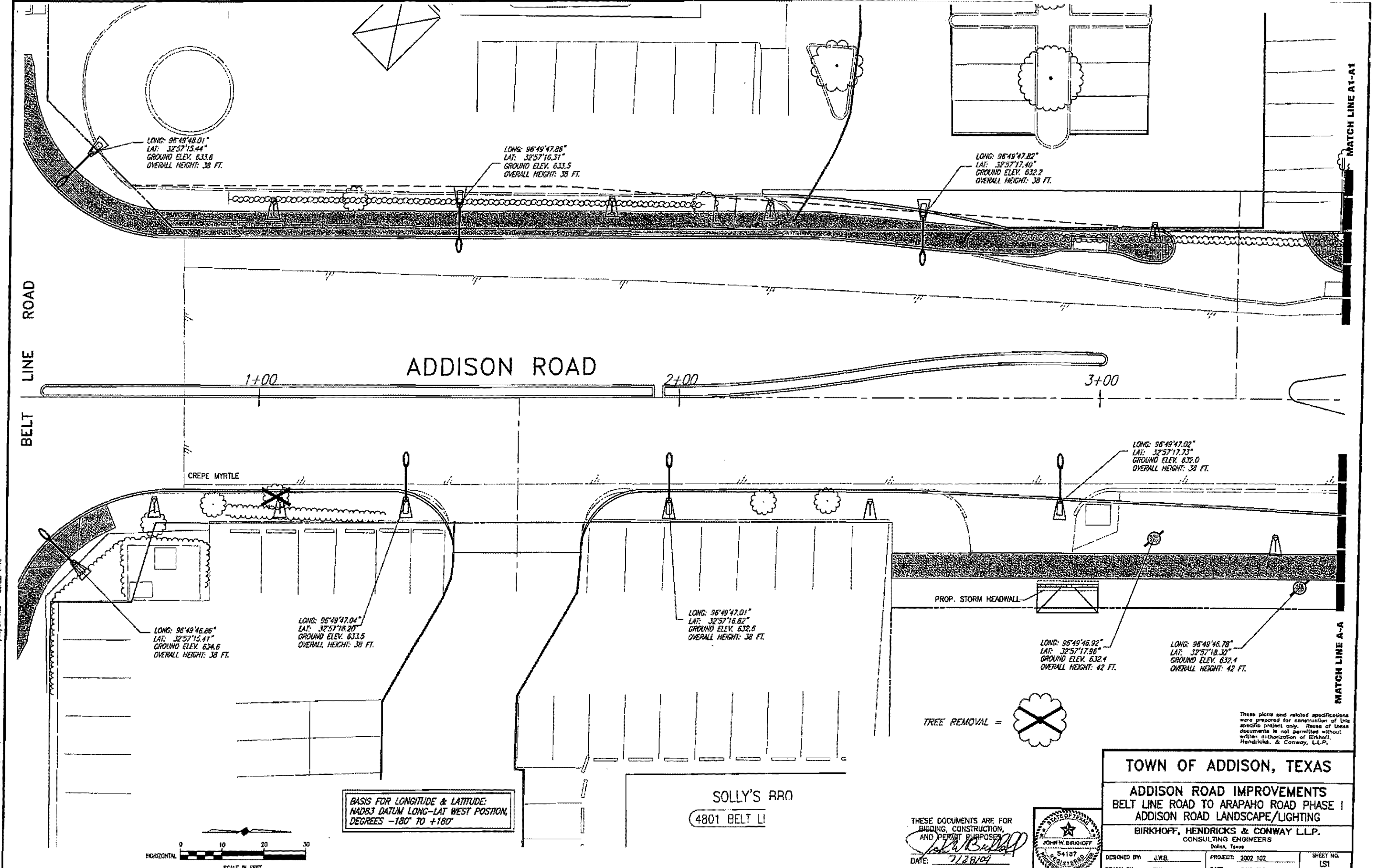


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TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2002 102	SHEET NO. LS1
DRAWN BY: TSH	DATE: JUNE 2004	OF 56 SHEETS



LONG: 96°49'48.01"
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GROUND ELEV. 633.6
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LONG: 96°49'47.86"
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GROUND ELEV. 632.4
OVERALL HEIGHT: 42 FT.

BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°

SOLLY'S ARROYO
4801 BELT LI

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DATE: 7/28/09



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

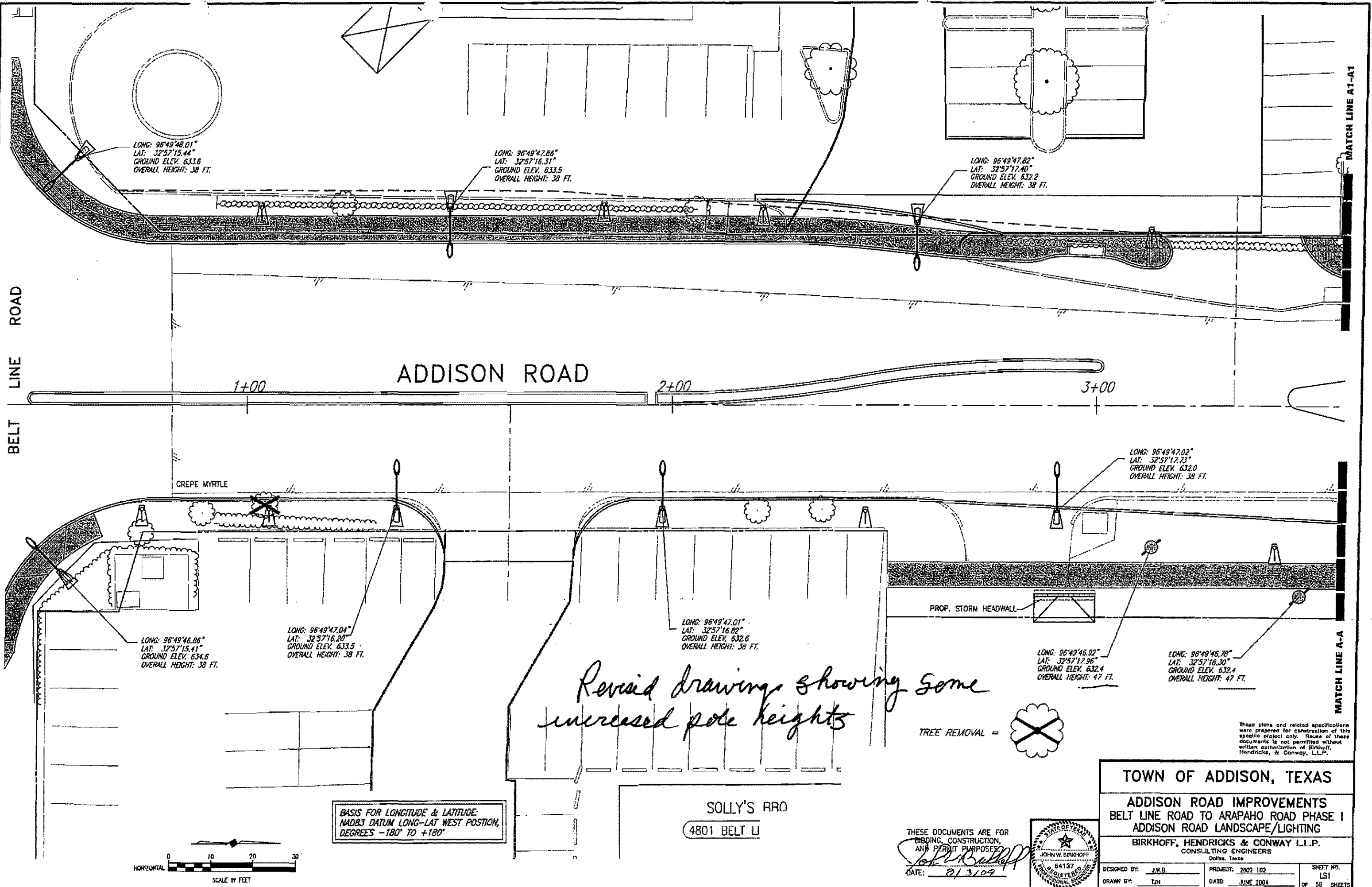
BIRKHOFF, HENDRICKS & CONWAY LLP.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2002 102	SHEET NO. LSI
DRAWN BY: TJH	DATE: JUNE 2004	OF 56 SHEETS

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16: PROJECTS\ADDISON\2002 102\PHASE1\LSI\20040621.DWG SCALE: 1"=10'

H:\PROJECTS\ADDISON\2002\04\PHASE1\Sheet\20020401.dwg 06/03/04 R4 SCALE 1"=10'



LONG: 96°49'48.01"
LAT: 32°57'15.44"
GROUND ELEV. 633.6
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.86"
LAT: 32°57'16.31"
GROUND ELEV. 633.5
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LONG: 96°49'47.82"
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LAT: 32°57'16.82"
GROUND ELEV. 632.6
OVERALL HEIGHT: 38 FT.

LONG: 96°49'46.92"
LAT: 32°57'17.96"
GROUND ELEV. 632.4
OVERALL HEIGHT: 47 FT.

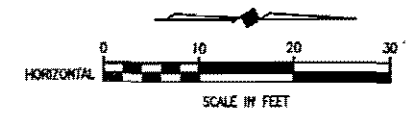
LONG: 96°49'46.78"
LAT: 32°57'18.30"
GROUND ELEV. 632.4
OVERALL HEIGHT: 47 FT.

LONG: 96°49'47.02"
LAT: 32°57'17.73"
GROUND ELEV. 632.0
OVERALL HEIGHT: 38 FT.

Revised drawing showing some increased pole heights

TREE REMOVAL =

BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°



SOLLY'S RRO
4801 BELT LI

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BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES
John W. Birkhoff
DATE: 01/31/09



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2002 102	SHEET NO. L51
DRAWN BY: TJH	DATE: JUNE 2004	OF 50 SHEETS

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J & D AUTO COSMETOLOGY

15293 ADDISON RD.

*34 ft
by 14'*

JOE'S MUFFLER
15233 ADDISON RD.

LONG: 96°49'47.62"
LAT: 32°57'24.69"
GROUND ELEV. 628.7
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.62"
LAT: 32°57'25.66"
GROUND ELEV. 629.0
OVERALL HEIGHT: 38 FT.

JERRY'S SHOP
15269 ADDISON RD.

LONG: 96°49'47.63"
LAT: 32°57'26.62"
GROUND ELEV. 629.5
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.92"
LAT: 32°57'27.44"
GROUND ELEV. 630.0
OVERALL HEIGHT: 38 FT.

ADDISON ROAD

10+00

11+00

12+00

13+00

QUORUM CENTRE OFFICE PARK
15280 ADDISON RD.

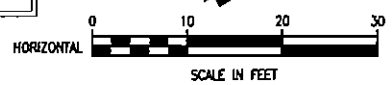
LONG: 96°49'46.82"
LAT: 32°57'25.71"
GROUND ELEV. 629.0
OVERALL HEIGHT: 47 FT.

LONG: 96°49'46.80"
LAT: 32°57'25.93"
GROUND ELEV. 629.0
OVERALL HEIGHT: 38 FT.

LONG: 96°49'46.71"
LAT: 32°57'27.58"
GROUND ELEV. 630.0
OVERALL HEIGHT: 47 FT.

LONG: 96°49'46.83"
LAT: 32°57'24.80"
GROUND ELEV. 628.7
OVERALL HEIGHT: 47 FT.

BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°



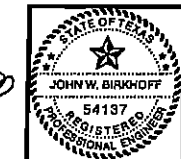
TREE REMOVAL =

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TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas



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BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES
John W. Birkhoff
DATE: 01/3/04

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. LS4
DRAWN BY: T.H. DATE: JUNE 2004 OF 58 SHEETS

08/03/04 R.L. SCALE: 1"=10'

H:\PROJECTS\ADDISON\2002\02\PHASE1\2\02LS4.DWG

MATCH LINE C1-C1

MATCH LINE D1-D1

MATCH LINE C-C

MATCH LINE D-D

6" C.E. ELM

6" OAK

12" OAK

12" OAK

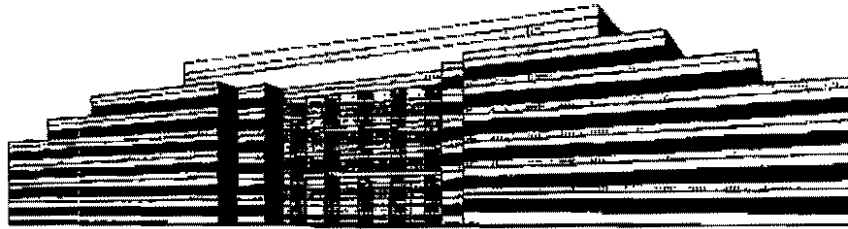
10" OAK

10" OAK

6" OAK

5/8" IRF

18" OAK



Federal Aviation Administration
Southwest Region - Airports Division

MAILING ADDRESS:

Department of Transportation
Federal Aviation Administration
Texas Airports Development Office
Fort Worth, TX 76193-0650

PHYSICAL ADDRESS:

Department of Transportation
Federal Aviation Administration
2601 Meacham Boulevard
Fort Worth, TX 76137-4298

Date: August 5, 2004
To: Addison Airport
Attention: **Ms. Lisa Pyles**
Phone # 1-972-392-4855 (ADS)
FAX # 1-972-788-9334 (ADS)

From: **Richard K. Compton**
Senior Program Manager
Texas Airports Development Office
Phone # (817) 222-5608
FAX # (817) 222-5989

Priority: ***RUSH***

No. of Pages Including Cover Page: **15**

Facsimile Regarding:

Lisa & company;

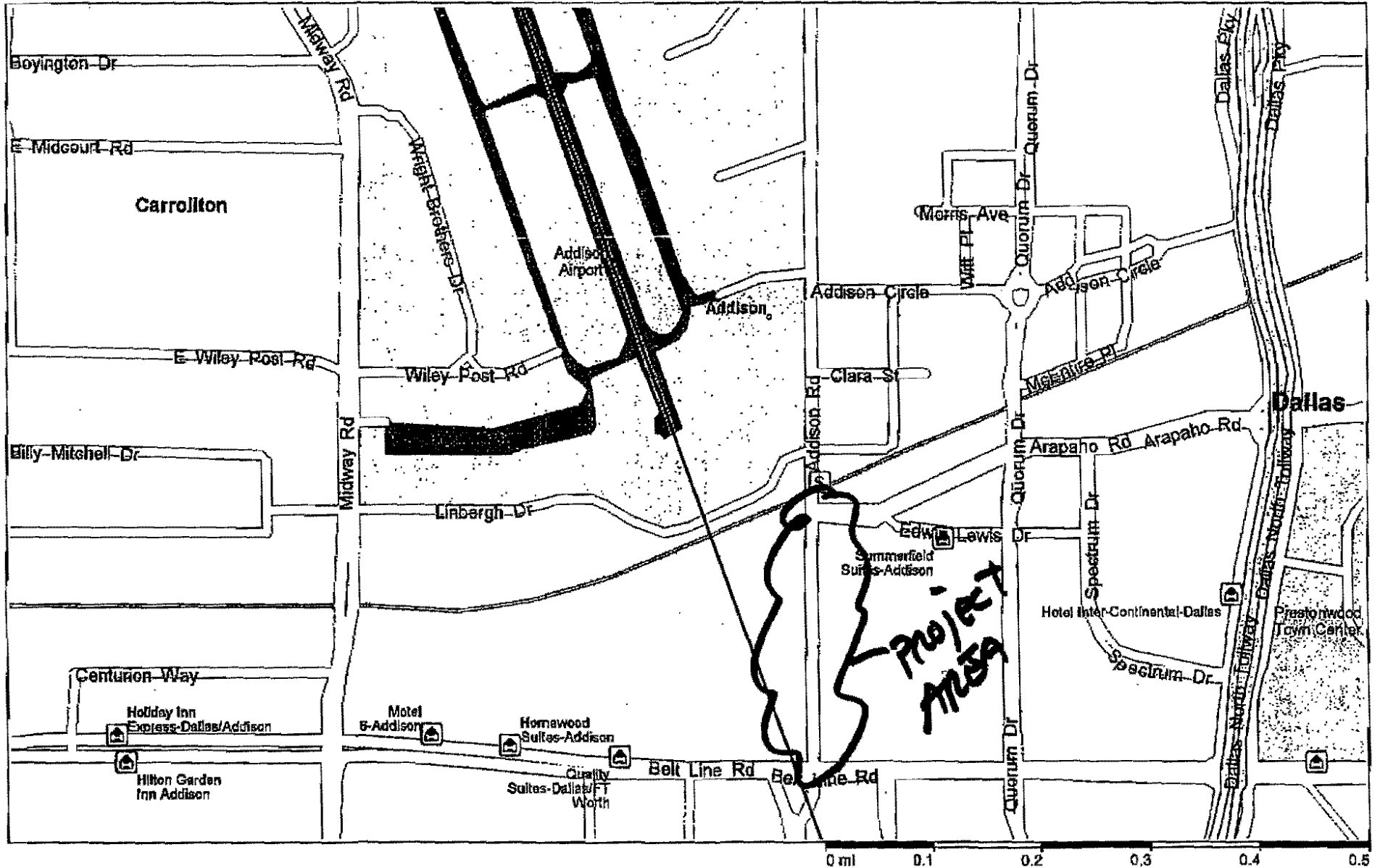
Attached are 33 airspace studies that I processed this morning for new light poles on Addison Road. Many of these are very close to the Threshold Siting Surface elevation. Many DO PENETRATE the Threshold Siting Surface (as indicated on the attached graphics). I had a call from some person in the town planning or streets department who questioned when an airspace study was required (sounds like some education city is needed to protect your interests!). Also, I think a copy of my Threshold Siting Surface program (which I can Email you) may be of help with the folks in the design side of the house, as they have spent a lot of time and money designing these and now they must go back and do a rework (depending on what Bruce Beard tells them in the Airspace Determination). Additionally, there may be concern on the location of the lights with the approach to Runway 33, that they may present a confusing or undesirable lighting situation. Please take a look at this for me and give me some feedback.

Thanks
Rick

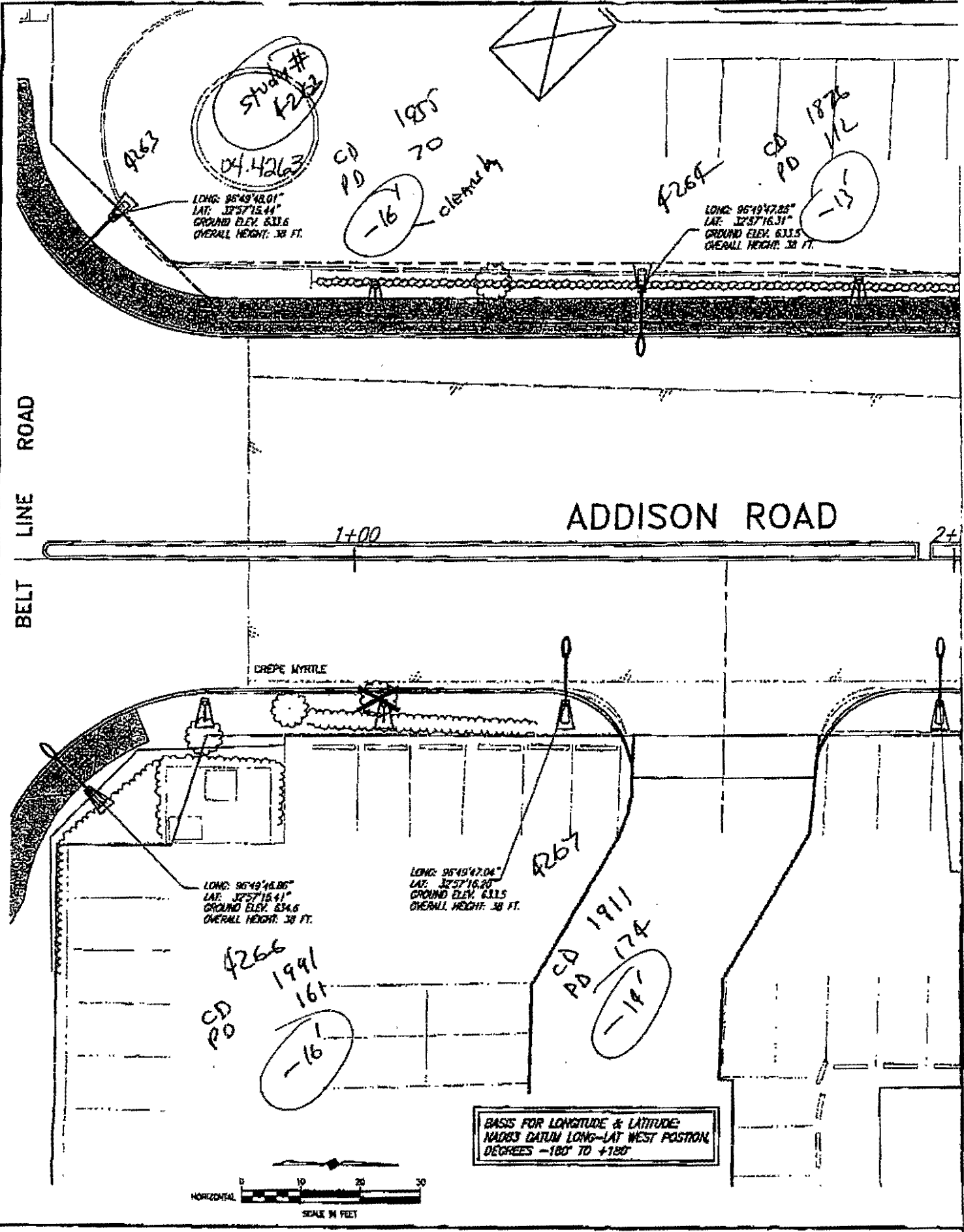
	2004-ASW-4278-OE ADDISON	TX	WRK	Map Pt 77 -8	S	S	S	S
	2004-ASW-4279-OE ADDISON	TX	WRK	Map Pt 77 -3	S	S	S	S
	2004-ASW-4280-OE ADDISON	TX	WRK	Map Pt 77 -6	S	S	S	S
	2004-ASW-4281-OE ADDISON	TX	WRK	Map Pt 77 -1	S	S	S	S
	2004-ASW-4282-OE ADDISON	TX	WRK	Map Pt 77 07	S	S	S	S
	2004-ASW-4283-OE ADDISON	TX	WRK	Map Pt 77 +3	S	S	S	S
	2004-ASW-4284-OE ADDISON	TX	WRK	Map Pt 77 -4	S	S	S	S
	2004-ASW-4285-OE ADDISON	TX	WRK	Map Pt 77 +2	S	S	S	S
	2004-ASW-4286-OE ADDISON	TX	WRK	Map Pt 77 -1	S	S	S	S
	2004-ASW-4287-OE ADDISON	TX	WRK	Map Pt 77 +4	S	S	S	S
	2004-ASW-4288-OE ADDISON	TX	WRK	Map Pt 77 +5	S	S	S	S
	2004-ASW-4289-OE ADDISON	TX	WRK	Map Pt 77 +8	S	S	S	S
	2004-ASW-4290-OE ADDISON	TX	WRK	Map Pt 77 +10	S	S	S	S
	2004-ASW-4291-OE ADDISON	TX	WRK	Map Pt 77 +14	S	S	S	S
	2004-ASW-4292-OE ADDISON	TX	WRK	Map Pt 77 +9	S	S	S	S
	2004-ASW-4293-OE ADDISON	TX	WRK	Map Pt 77 +11	S	S	S	S
	2004-ASW-4294-OE ADDISON	TX	WRK	Map Pt 77 outside +5	S	S	S	S
33	2004-ASW-4295-OE ADDISON	TX	WRK	Map Pt 77 outside +10	S	S	S	S
	2004-ASW-4299-OE SUGARLAND	TX	WRK	Map Pt 77	S	S	S	S

Total Number of Case(s): 49

Addison, Texas, United States



14. PROJECT: WISCONSIN 2100102 PHASE 1 STREET LIGHTS. DATE: 07/20/04 REL. SCALE: 1=10



Study #
4263
04.4263
LONG: 95°49'48.01"
LAT: 32°57'15.44"
GROUND ELEV: 6316
OVERALL HEIGHT: 38 FT.

CD PD 1985 70
-16
cleared

4264
LONG: 95°49'47.85"
LAT: 32°57'16.31"
GROUND ELEV: 6315
OVERALL HEIGHT: 38 FT.
CD PD 1876 112
-15

BELT LINE ROAD

ADDISON ROAD

CREPE MYRTLE

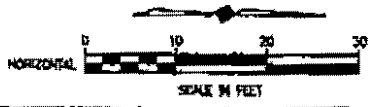
LONG: 95°49'45.86"
LAT: 32°57'15.41"
GROUND ELEV: 6346
OVERALL HEIGHT: 38 FT.

4266
CD PD 1991 161
-16

LONG: 95°49'47.04"
LAT: 32°57'16.20"
GROUND ELEV: 6315
OVERALL HEIGHT: 38 FT.

4267
CD PD 1911 174
-14

BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180 TO +180



MATCH LINE A1-A1

LONG: 95°49'47.82"
LAT: 32°57'17.40"
GROUND ELEV: 632.2
OVERALL HEIGHT: 38 FT.

1774
153
-11

CD 1265
PD

20

3+00

LONG: 95°49'47.03"
LAT: 32°57'17.73"
GROUND ELEV: 632.0
OVERALL HEIGHT: 38 FT.

CD 1766
PD 228
-12.1

CD 1270

LONG: 95°49'47.01"
LAT: 32°57'16.82"
GROUND ELEV: 632.6
OVERALL HEIGHT: 38 FT.

CD 1857
PD 198
-14'

PROP. STORM HEADWALL

LONG: 95°49'48.22"
LAT: 32°57'17.65"
GROUND ELEV: 632.2
OVERALL HEIGHT: 42 FT.

CD 1776
PD 234
-18'

TREE REMOVAL =



LONG: 95°49'46.78"
LAT: 32°57'18.30"
GROUND ELEV: 632.4
OVERALL HEIGHT: 42 FT.

CD 1719
PD 267
-7'

CD 4271

These plans and related identifications were prepared for construction of this specific project only. Review of these documents to any other project without written authorization of Birkhoff, Hendricks, & Conway, L.L.P.

MATCH LINE A-A

SOPLY'S PRO

4801 BELT U

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION AND PERMIT PURPOSES.
DATE: 7/26/04



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I ADDISON ROAD LANDSCAPE/LIGHTING

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.E.B.	PROJECT: 2002 102	SHEET NO.: 151
DRAWN BY: T/H	DATE: JUN 2004	OF 58 SHEETS

FILLING STATION RESTUARANT

15201 ADDISON RD.

LONG: 85°49'47.70"
LAT: 32°57'20.68"
GROUND ELEV. 630.5
OVERALL HEIGHT: 38 FT.

LONG: 85°49'47.70"
LAT: 32°57'21.21"
GROUND ELEV. 630.0
OVERALL HEIGHT: 38 FT.

SIDE WALK

FOUNTAIN

YARD LAMP

WELL

18" ASH 18" ASH

MATCH LIKE BT-B1

1485
4275-254
-61

1446
294
4276
-41

6+00

D

PROP. STORM HEADWALL

LONG: 85°49'45.91"
LAT: 32°57'20.52"
GROUND ELEV. 630.5
OVERALL HEIGHT: 38 FT.

4280

9200
1504
3224
-61

These plans and related specifications were prepared for construction purposes only. Some of the information is not guaranteed without written authorization of Birkhoff, Hendrick, & Conway, L.L.P.

TOWN OF ADDISON, TEXAS

**ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING**

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.H.	PROJECT: 2002 102	SHEET NO: 152
DRAWN BY: T.H.	DATE: JUNE 2004	OF 58 SHEETS

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMITS PURPOSES
DATE: 7/26/09



W.

MAKOS
15207 ADDISON RD.

MATCH LINE B1-BT

LONG: 96°49'47.64"
LAT: 32°57'22.05"
GROUND ELEV. 629.8
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.61"
LAT: 32°57'22.91"
GROUND ELEV. 629.0
OVERALL HEIGHT: 38 FT.

24" ASH

16" HACK

18" ELM

7+00

6284

1407
368

6285

1380
324

7+17

PENETRATES 125
BY

6286

123
405

8+00

ADDIS

LONG: 96°49'48.92"
LAT: 32°57'21.54"
GROUND ELEV. 630.0
OVERALL HEIGHT: 38 FT.

LONG: 96°49'46.74"
LAT: 32°57'21.89"
GROUND ELEV. 629.8
OVERALL HEIGHT: 42 FT.

LONG: 96°49'46.91"
LAT: 32°57'22.43"
GROUND ELEV. 629.5
OVERALL HEIGHT: 38 FT.

X IN CONC.

STEAK HOUSE
ADDISON RD.

TREE REMO

07/29/04 R.L. SCALE: 1"=10'

PROJECT: WARDEN (2007) (HAWK) SHEET: 1001/23 (S) 1001

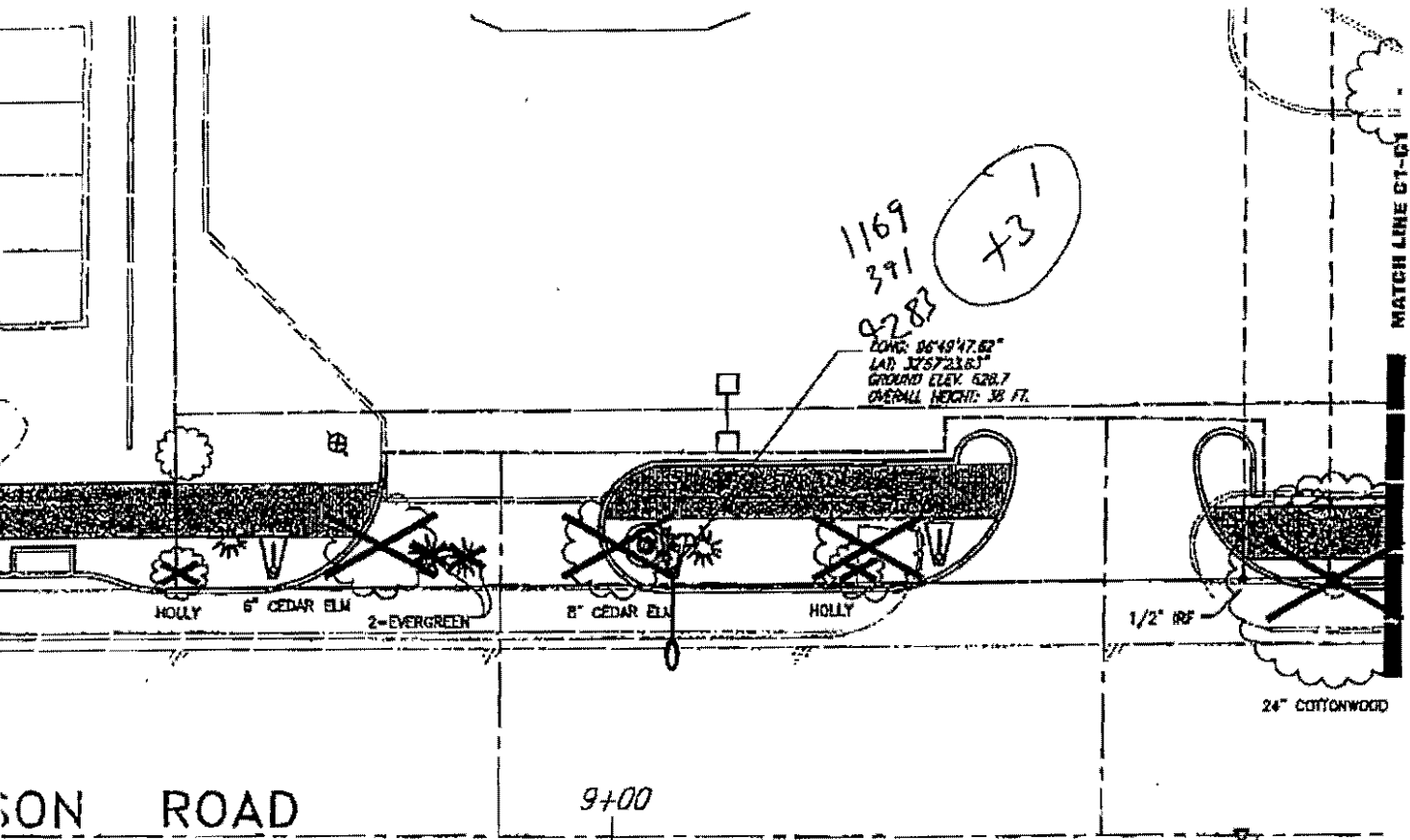
WORKSHEET

MATCH LINE C-1-C1

1169
391
4283

+31

LONG: 8649'47.82"
LAT: 3257'23.83"
GROUND ELEV: 628.7
OVERALL HEIGHT: 38 FT.

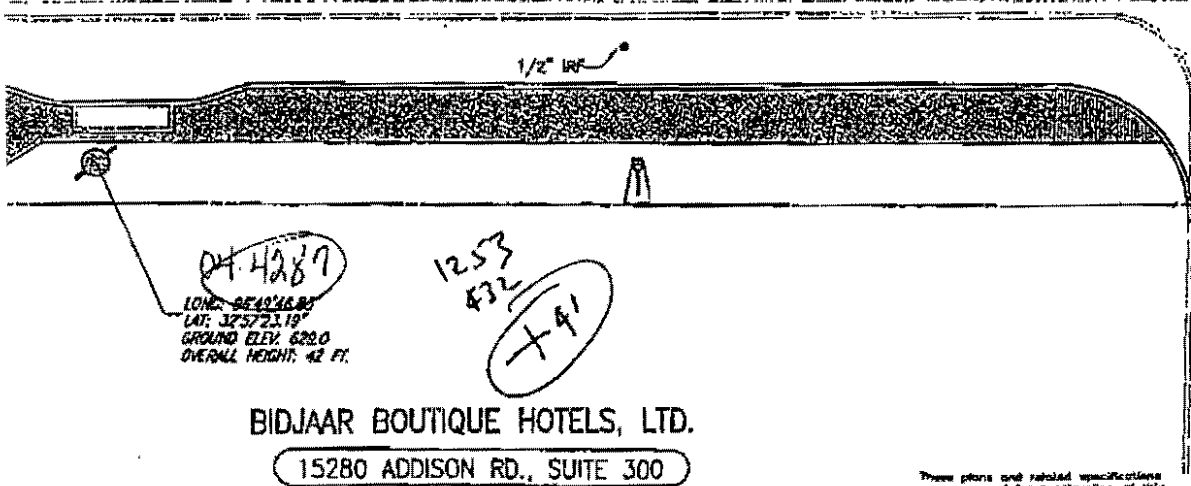


ADDISON ROAD

9+00

24" COTTONWOOD

MATCH LINE C-2



4289
LONG: 8649'48.81"
LAT: 3257'23.19"
GROUND ELEV: 628.0
OVERALL HEIGHT: 42 FT.

1253
432
+91

BIDJAAR BOUTIQUE HOTELS, LTD.
15280 ADDISON RD., SUITE 300

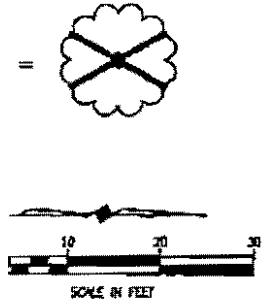
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BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -100Y TO +180

THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.
DATE: 7/26/09



TOWN OF ADDISON, TEXAS		
ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I ADDISON ROAD LANDSCAPE/LIGHTING		
BIRCHHOFF, HENDRICKS & CONWAY L.L.P. CONSULTING ENGINEERS		
DESIGNED BY: JWB	PROJECT: 2002 102	SHEET NO. 153
DRAWN BY: TH	DATE: JUNE 2008	OF 56 SHEETS



MATCH LINE C1-C2

1087
421
+51

041-1288

LONG: 96°49'47.62"
LAT: 32°57'24.88"
GROUND ELEV: 628.7
OVERALL HEIGHT: 38 FT.

JOE'S MUFFLER

15233 ADDISON RD.

995
459
4289

+81

LONG: 96°49'47.62"
LAT: 32°57'25.66"
GROUND ELEV: 629.0
OVERALL HEIGHT: 38 FT.

JERRY'S

15269 ADDISON RD.

10+00

11+00

AD

01/29/05 R.A. SCALE: 1/8"=1'-0"

MURPHY & ASSOCIATES, INC.

MATCH LINE C-C

4292

LONG: 96°48'46.83"
LAT: 32°57'24.88"
GROUND ELEV: 628.7
OVERALL HEIGHT: 42 FT.

1100
429
+91

12" OAK

12" OAK

LONG: 96°48'46.82"
LAT: 32°57'25.71"
GROUND ELEV: 629.0
OVERALL HEIGHT: 42 FT.

LONG: 96°48'46.80"
LAT: 32°57'25.93"
GROUND ELEV: 629.0
OVERALL HEIGHT: 38 FT.

4294
994
529 outside
TS

QUORUM CENTRE

4293
1014
520
+111

15280 ADDISON RD.

1028
511
511
width

4294
4295

MATCH LINE B1-C1

1087
421
+51

DEL-11288

LONG: 95°49'47.52"
LAT: 32°57'24.89"
GROUND ELEV: 628.7
OVERALL HEIGHT: 38 FT.

JOE'S MUFFLER

15233 ADDISON RD.

995
459
4289

+781

LONG: 95°49'47.62"
LAT: 32°57'24.85"
GROUND ELEV: 628.0
OVERALL HEIGHT: 38 FT.

JERRY'S

15269 AD

6" C.E. ELM

10+00

11+00

AD

07/29/04 R/L SCALE: 1"=10'

MATCH LINE C-C

4292

LONG: 95°49'46.83"
LAT: 32°57'24.80"
GROUND ELEV: 628.7
OVERALL HEIGHT: 42 FT.

1100
488
+91

12" OAK

LONG: 95°49'46.82"
LAT: 32°57'23.71"
GROUND ELEV: 629.0
OVERALL HEIGHT: 42 FT.

LONG: 95°49'46.89"
LAT: 32°57'23.83"
GROUND ELEV: 629.0
OVERALL HEIGHT: 38 FT.

4294
994
529 outside
TSS

QUORUM CENTR

15280 AD

1028
511
511
width

4293
1014
520
+111

BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°

SEE TSS
WORKSHEET

HORIZONTAL SCALE IN FEET

J & D AUTO COSMETOLOGIST

15293 ADDISON RD.

904
487
1290
+10

4291 818
492
+141

LONG: 98°49'47.63"
LAT: 32°57'28.62"
GROUND ELEV: 629.5
OVERALL HEIGHT: 38 FT.

LONG: 98°49'47.92"
LAT: 32°57'27.44"
GROUND ELEV: 630.0
OVERALL HEIGHT: 38 FT.

SHOP

ADDISON RD.

MATCH LINE D-01

ADDISON ROAD

12+00

13+00

OFFICE PARK

ADDISON RD.

ARAPAHO ROAD

MATCH LINE D-02

TREE REMOVAL



840
594
outside
TSU

OFF: 4295
LONG: 98°49'48.21"
LAT: 32°57'27.58"
GROUND ELEV: 630.0
OVERALL HEIGHT: 38 FT.

These plans and related specifications were prepared for consideration of this project. Approval of these documents is not permitted without written authorization of Birko, Hendricks, & Conway, L.L.P.

TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

BERKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS

Dallas, Texas

THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.

DATE: 7/26/09



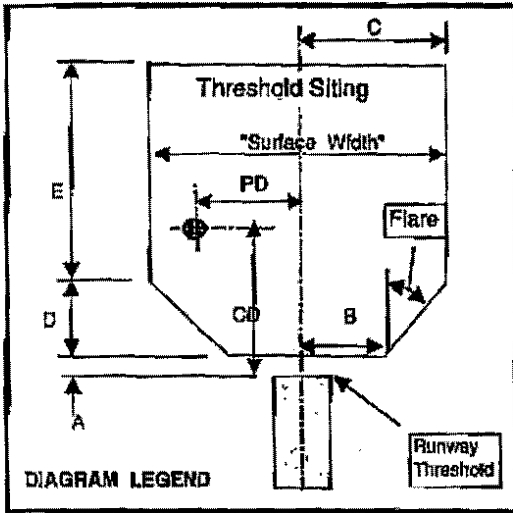
DESIGNED BY: J.W.B.
DRAWN BY: J.C.H.

PROJECT: 2007-102
DATE: JUNE 2008

SHEET NO. 154
OF 28 SHEETS

Object on Study # ~~4293~~ 4293

INPUT DATA						DATA RESULTS						
Object Data						Threshold Siting Surface						
OBJECT Distance from RW Threshold (CD)	OBJECT Distance from RW Center Line (PD)	RW THD Elevation (MSL)	OBJECT Ground Elevation (MSL)	OBJECT Elevation Above Ground (AGL)	OBJECT Overall Elevation (AMSL)	Graphic	Category	Threshold Surface Description	Threshold Siting Surface Width & Height @ CD, PD	Threshold Siting Surface AMSL	Object Penetration?	Amount of Threshold Displacement Required (in feet)
1014	520	535	628	42	671							
							a	Surface Width @ CD	not in surface		#VALUE!	#VALUE!
							a	Surface Height @ 15:1	not in surface	676.7	#VALUE!	#VALUE!
							b	Surface Width @ CD	not in surface		#VALUE!	#VALUE!
							b	Surface Height @ 20:1	not in surface	676.7	#VALUE!	#VALUE!
							c	Surface Width @ CD	not in surface		#VALUE!	#VALUE!
							c	Surface Height @ 20:1	not in surface	676.7	#VALUE!	#VALUE!
							d	Surface Width @ CD	not in surface		#VALUE!	#VALUE!
							d	Surface Height @ 20:1	not in surface	676.7	#VALUE!	#VALUE!
							e	Surface Width @ CD	1044.2		no, by	
							e	Surface Height @ 20:1	40.7	676.7	-5.7	
							f	Surface Width @ CD	1044.2		no, by	
							f	Surface Height @ 20:1	40.7	676.7	-5.7	
							g	Surface Width @ CD	1044.2		YES, by	
							g	Surface Height @ 34:1	23.9	659.8	11	378
							h	CAT II or Greater				



Worksheet Help

AC 150/5300-13, Texas

Dimensional Standards

Print Page

EXIT

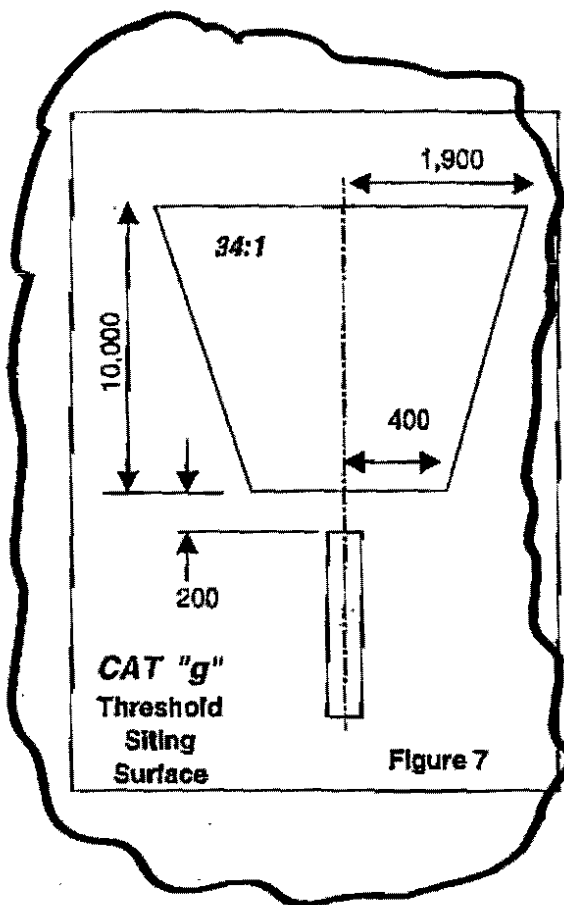
NOTE: Do Not Save upon exit

Developed by:
 Richard K. Compton
 Senior Program Manager
 Federal Aviation Administration
 Southwest Region
 Texas Airports Development Office
 817-222-5508

Penetration

Threshold Siting Tool - Version 2.0d
 Make Directory & Save - 1st Time ONLY

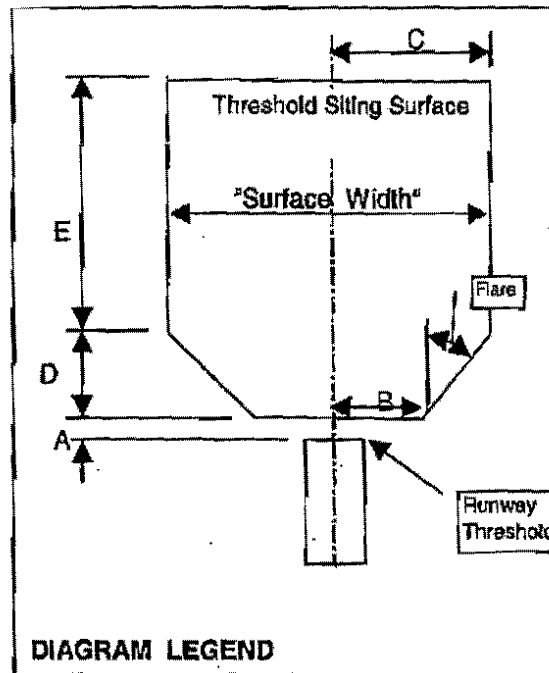
Category "g" , Threshold Siting Surface



AC 150/5300-13, Change 7, Appendix 2

f. For Approach End of Runways Expected to Accommodate Instrument Approaches Having Visibility Minimums Less Than $\frac{1}{4}$ Mile, or a Precision Approach (Day or Night).

- (1) No object should penetrate a surface that starts 200 feet (60 m) out from the threshold and at the elevation of the runway centerline at the threshold and slopes upward from the starting point at a slope of 34 (horizontal) to 1 (vertical).
- (2) In the plan view, the centerline of this surface extends 10,000 feet (3 000 m) along the extended runway centerline. This surface extends laterally 400 feet (120 m) on each side of the centerline at the starting point and increases in width to 1900 feet (570m) on each side of the centerline at the far end of this surface. (See Figure 7.)
- (3) If the instrument approach procedure utilizes an offset localizer with an offset angle of 3 degrees or less, the above surface is centered upon the final approach course rather than the extended runway centerline. (See Figure A2-3 of the AC).



Print Page

BACK to Worksheet

Threshold Siting Tool - Version 2.0c

ALL WEATHER WINDROSE

R/W 15/33 10.5-KNOT CROSSWIND 16-KNOT CROSSWIND
 95.6% 99.6%

SOURCE: NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION,
 NATIONAL CLIMATIC DATA CENTER
 STATION: DALLAS, TEXAS
 PERIOD OF RECORD: 1986-1995

IFR WINDROSE

For Aviation-Related Infill
 Development (1.6 Acres)
 (7.1 Acres)

Future Rotating
 Beacon Location

Future Avigation Easement
 (51.4 Acres)

EXISTING RUNWAY PROTECTION ZONE
 500' X 1010' X 1700'
 VISIBILITY MINIMUMS NOT
 LOWER THAN 1 MI

AT: 32°57'33.39"
 LON: 96°49'56.61"
 EL: 638'

771' DISPLACED
 APPROACH
 THRESHOLD

Future RW15 LDA
 & ASDA Stop
 End Identifier
 LAT: 32°57'40.55"
 LON: 96°49'59.74"
 EL: 638.47'

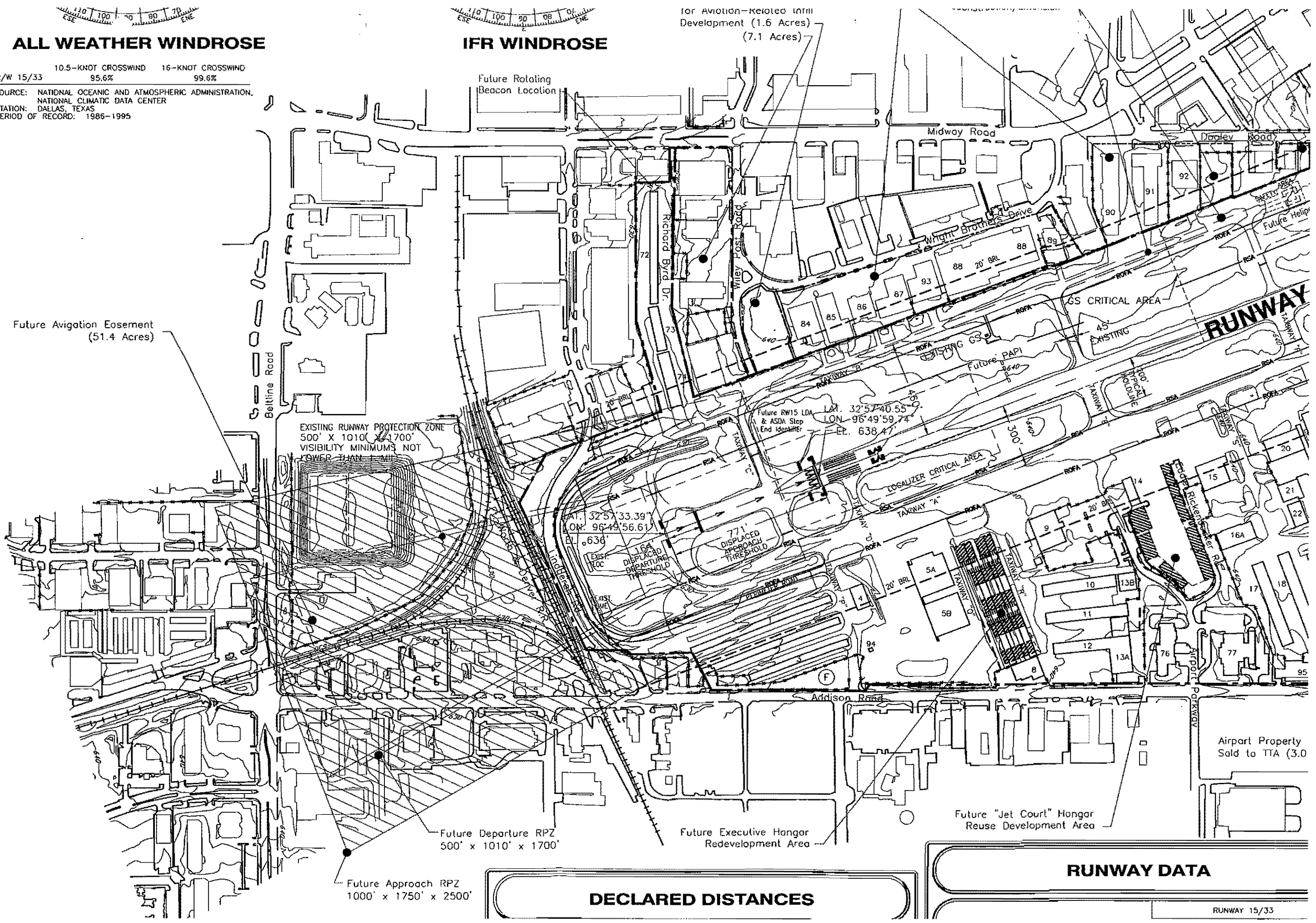
Future Departure RPZ
 500' x 1010' x 1700'

Future Executive Hangar
 Redevelopment Area

Future Approach RPZ
 1000' x 1750' x 2500'

DECLARED DISTANCES

RUNWAY DATA



MATCH LINE A1-A1

MATCH LINE B1-B1

LONG: 96°49'47.47"
LAT: 32°57'18.49"
GROUND ELEV. 631.3
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.67"
LAT: 32°57'19.14"
GROUND ELEV. 631.0
OVERALL HEIGHT: 38 FT.

CAFE CAPRI

15107 ADDISON RD.

LONG: 96°49'48.93"
LAT: 32°57'19.63"
GROUND ELEV. 631.1
OVERALL HEIGHT: 38 FT.

FILLING STATION RESTUARANT

15201 ADDISON RD.

LONG: 96°49'47.70"
LAT: 32°57'20.48"
GROUND ELEV. 630.5
OVERALL HEIGHT: 38 FT.

LONG: 96°49'47.70"
LAT: 32°57'21.21"
GROUND ELEV. 630.0
OVERALL HEIGHT: 38 FT.

FOUNTAIN
YARD LAMP
WELL

24" HACK.

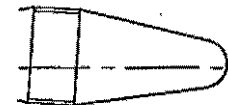
18" ASH 18" ASH

4+00

5+00

6+00

ADDISON ROAD



MATCH LINE A-A

MATCH LINE B-B

LONG: 96°49'46.93"
LAT: 32°57'18.74"
GROUND ELEV. 631.3
OVERALL HEIGHT: 38 FT.

LONG: 96°49'46.92"
LAT: 32°57'19.63"
GROUND ELEV. 631.1
OVERALL HEIGHT: 38 FT.

LONG: 96°49'46.75"
LAT: 32°57'19.97"
GROUND ELEV. 631.0
OVERALL HEIGHT: 42 FT.

PROP. STORM HEADWALL

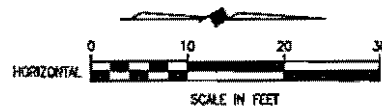
LONG: 96°49'46.91"
LAT: 32°57'20.52"
GROUND ELEV. 630.5
OVERALL HEIGHT: 38 FT.

4901 BELT LINE ROAD

TREE REMOVAL =

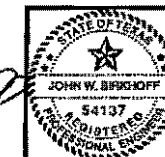


BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°



THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.

DATE: 7/26/04



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. L52
DRAWN BY: TJH DATE: JUNE 2004 OF 56 SHEETS

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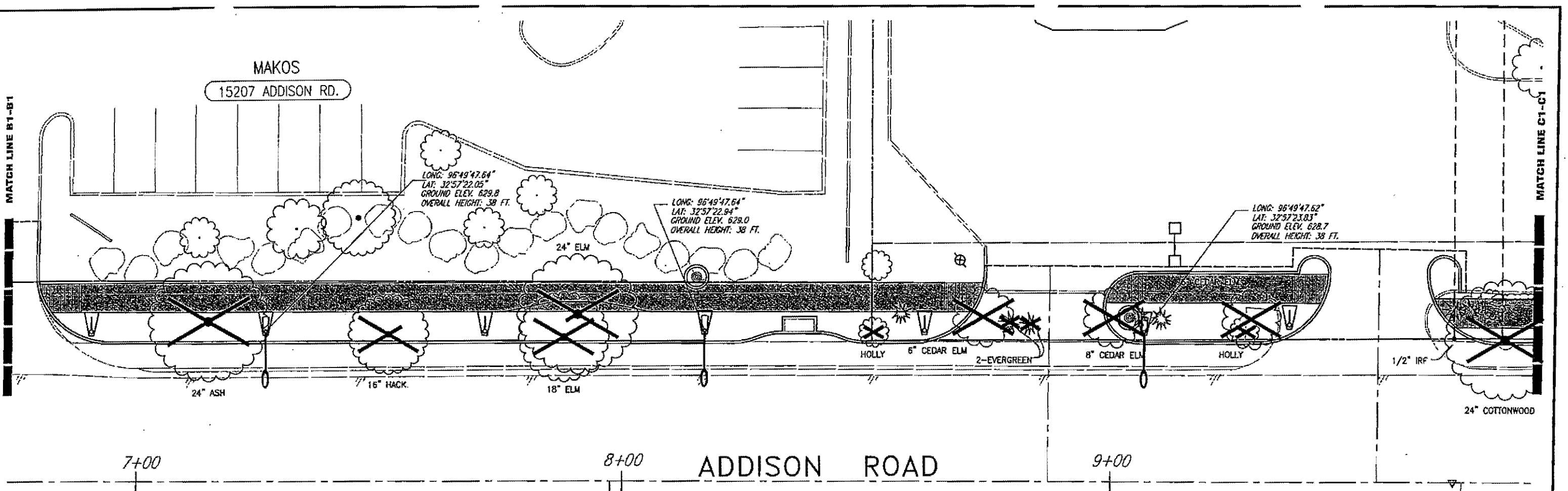
07/26/04 RL SCALE: 1"=10'

\\s:\projects\addison\phase1\sheet\00021021.dwg

MAKOS
15207 ADDISON RD.

MATCH LINE B1-B1

MATCH LINE C1-C1

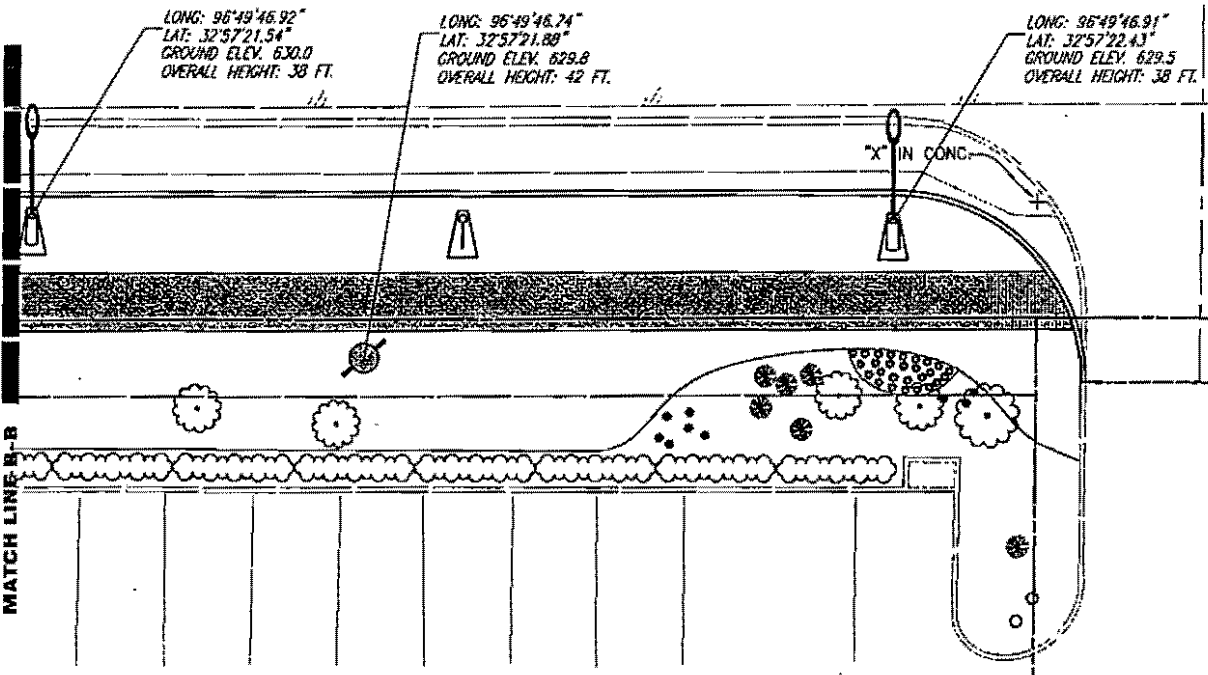


7+00

8+00

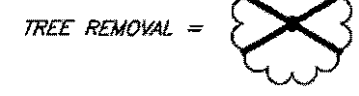
ADDISON ROAD

9+00

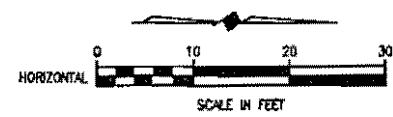


STEAK HOUSE
ADDISON RD.

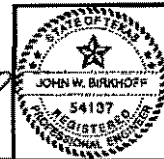
BIDJAAR BOUTIQUE HOTELS, LTD.
15280 ADDISON RD., SUITE 300



BASIS FOR LONGITUDE & LATITUDE:
NAD83 DATUM LONG-LAT WEST POSITION,
DEGREES -180° TO +180°



THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.
John W. Birkhoff
DATE: 7/26/04



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TOWN OF ADDISON, TEXAS		
ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I ADDISON ROAD LANDSCAPE/LIGHTING		
BIRKHOFF, HENDRICKS & CONWAY L.L.P. CONSULTING ENGINEERS Dallas, Texas		
DESIGNED BY: J.W.B.	PROJECT: 2002.102	SHEET NO. LS3
DRAWN BY: TJH	DATE: JUNE 2004	OF 56 SHEETS

A:\PROJECTS\ADDISON\2002102\PHASE1\1\PHASE1\1\PHASE1\2002102\LS3.DWG 07/26/04 R.L. SCALE 1"=10'

