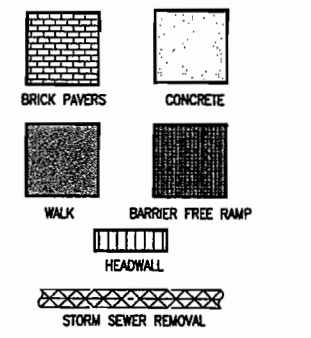


B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

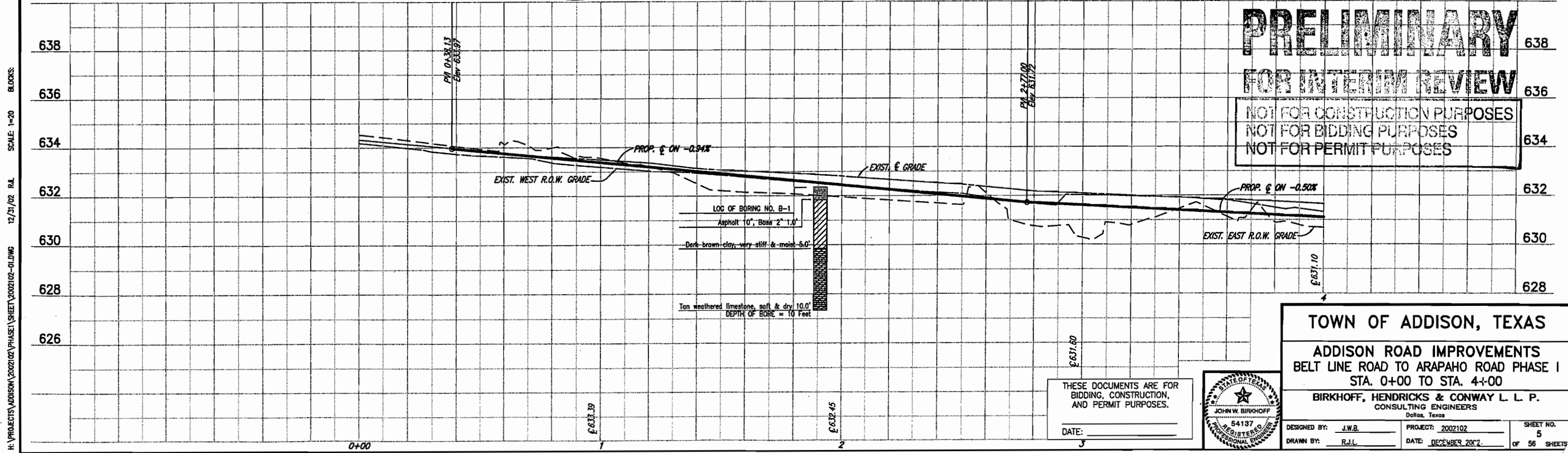
T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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 NOT FOR PERMIT PURPOSES

TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STA. 0+00 TO STA. 4+00

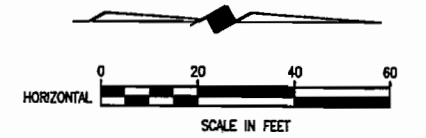
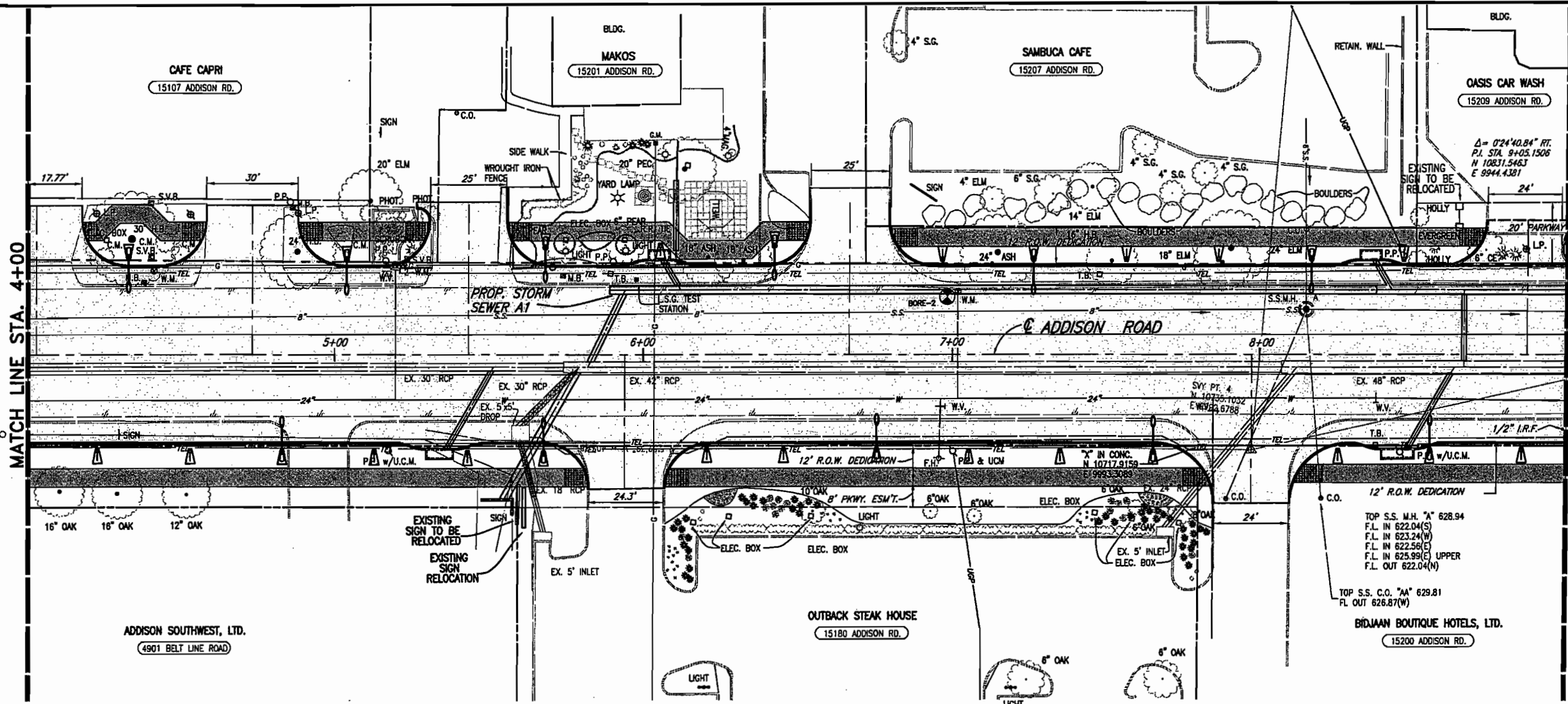
BIRKHOFF, HENDRICKS & CONWAY L.L.P.
 CONSULTING ENGINEERS
 Dallas, Texas



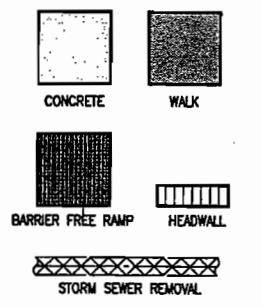
THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____

DESIGNED BY: J.W.B. PROJECT: 2002102 SHEET NO. 5
 DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102-01.DWG 12/31/02 R.L. SCALE: 1"=20' BLOCKS:



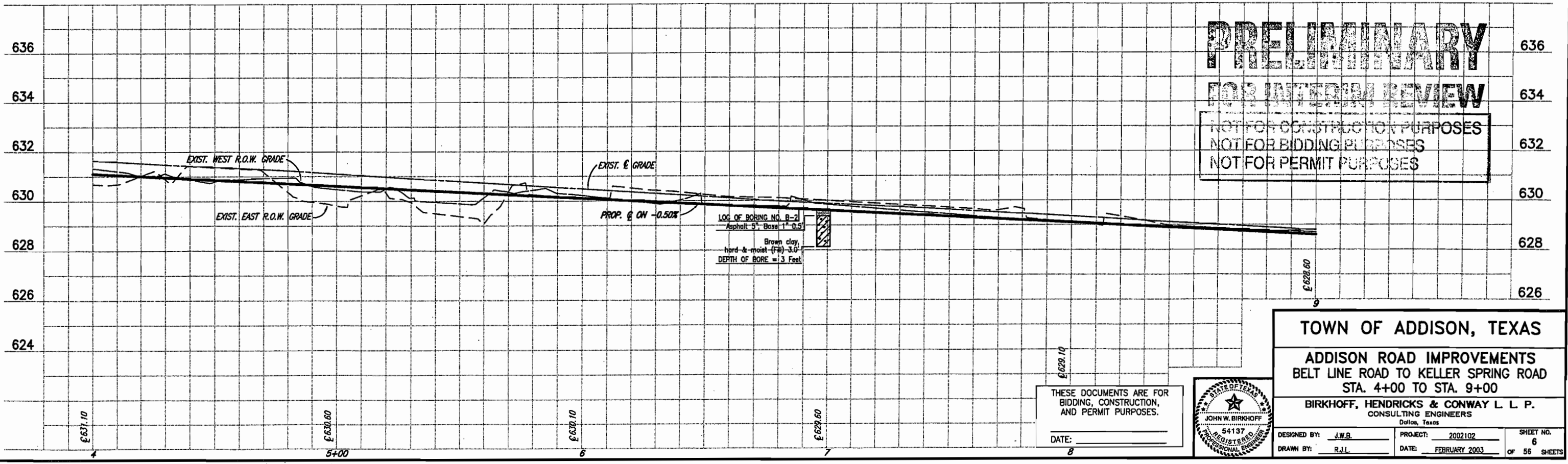
- B.M. #19 "□" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "□" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "□" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., STA. 9+87, 52 FEET RT. ELEV. 628.79



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102-02.DWG
 04/21/03 R.L.
 SCALE: 1"=X
 BLOCKS: PAV-PROF02



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FOR INTERIM REVIEW

NOT FOR CONSTRUCTION PURPOSES
 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

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

DATE: _____

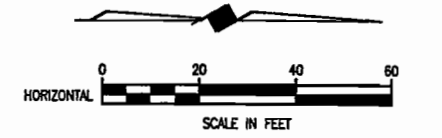
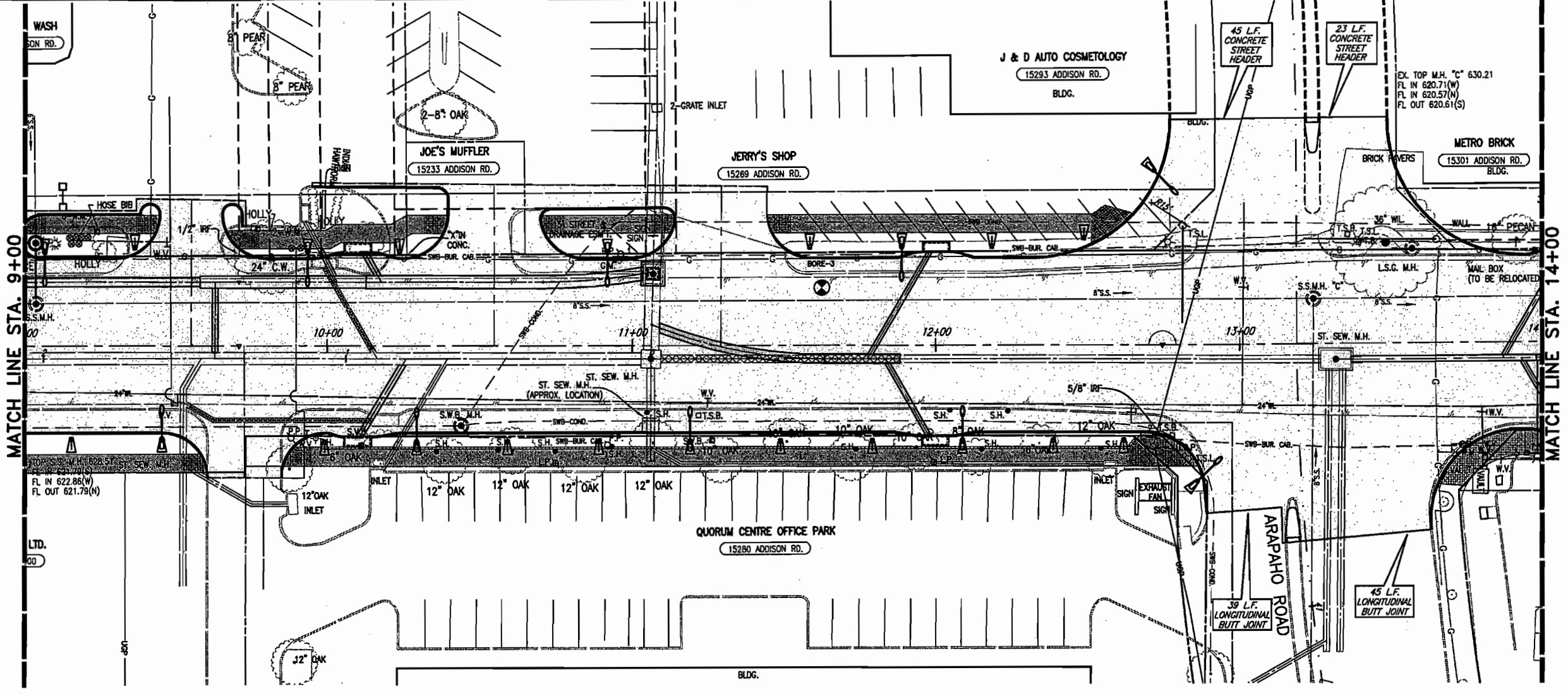


TOWN OF ADDISON, TEXAS

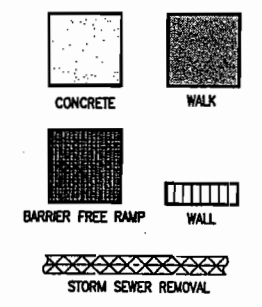
ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO KELLER SPRING ROAD
 STA. 4+00 TO STA. 9+00

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

DESIGNED BY: J.W.B.	PROJECT: 2002102	SHEET NO. 6
DRAWN BY: R.J.L.	DATE: FEBRUARY 2003	OF 56 SHEETS

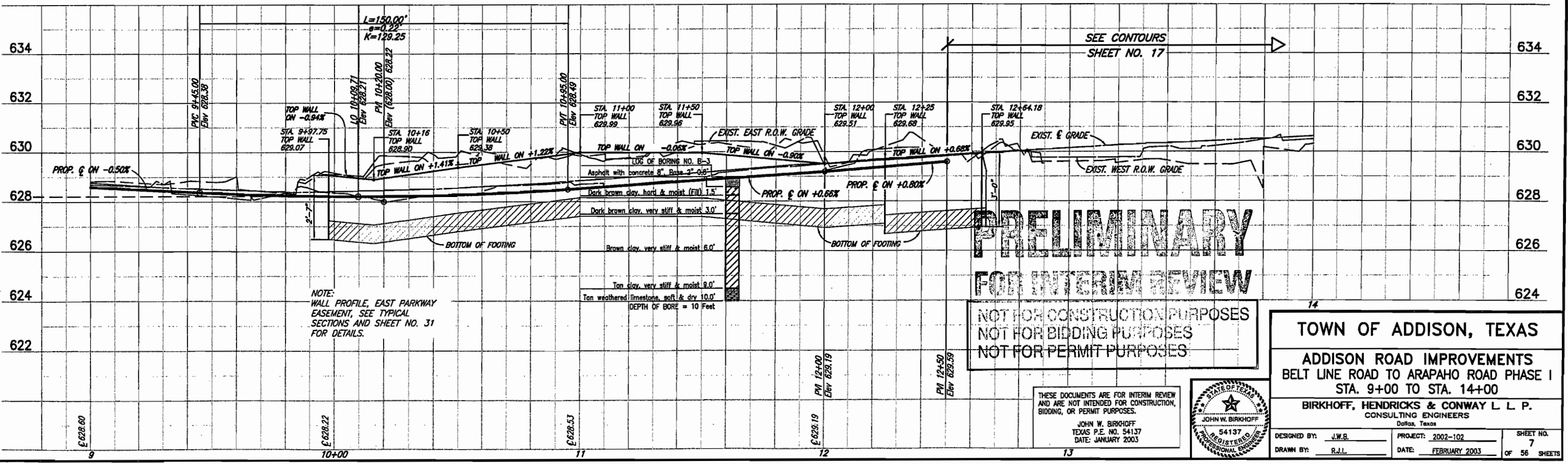


- B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., STA. 9+87, 52 FEET RT. ELEV. 628.79
- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., STA. 18+76, 45 FEET LT. ELEV. 635.38



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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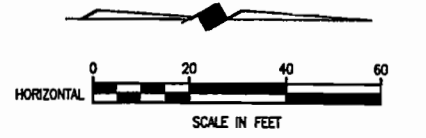
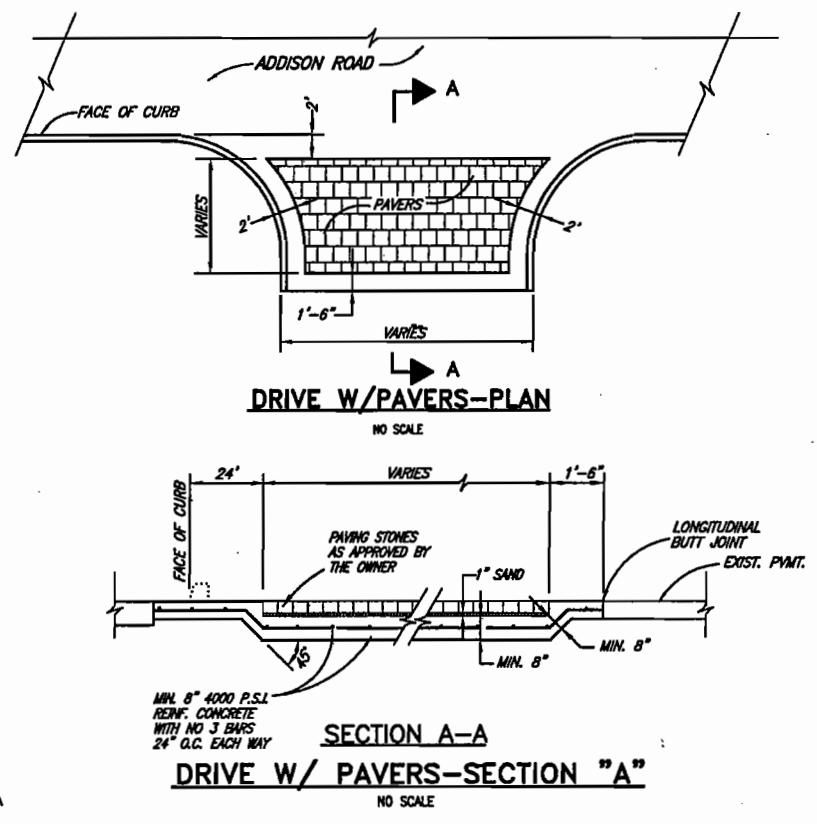
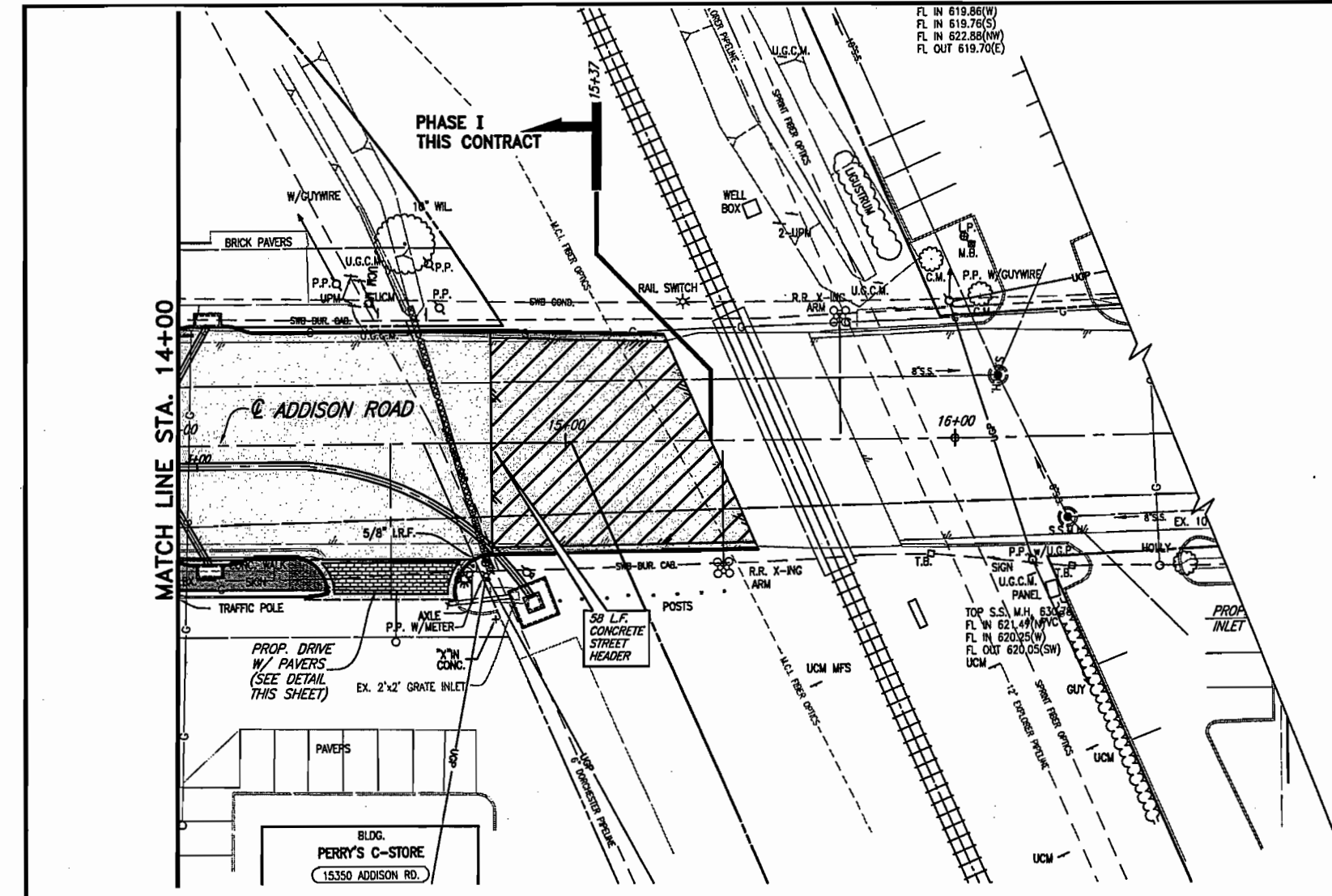
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STA. 9+00 TO STA. 14+00

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

DESIGNED BY: J.W.B. PROJECT: 2002-102 SHEET NO. 7
DRAWN BY: R.J.L. DATE: FEBRUARY 2003 OF 56 SHEETS

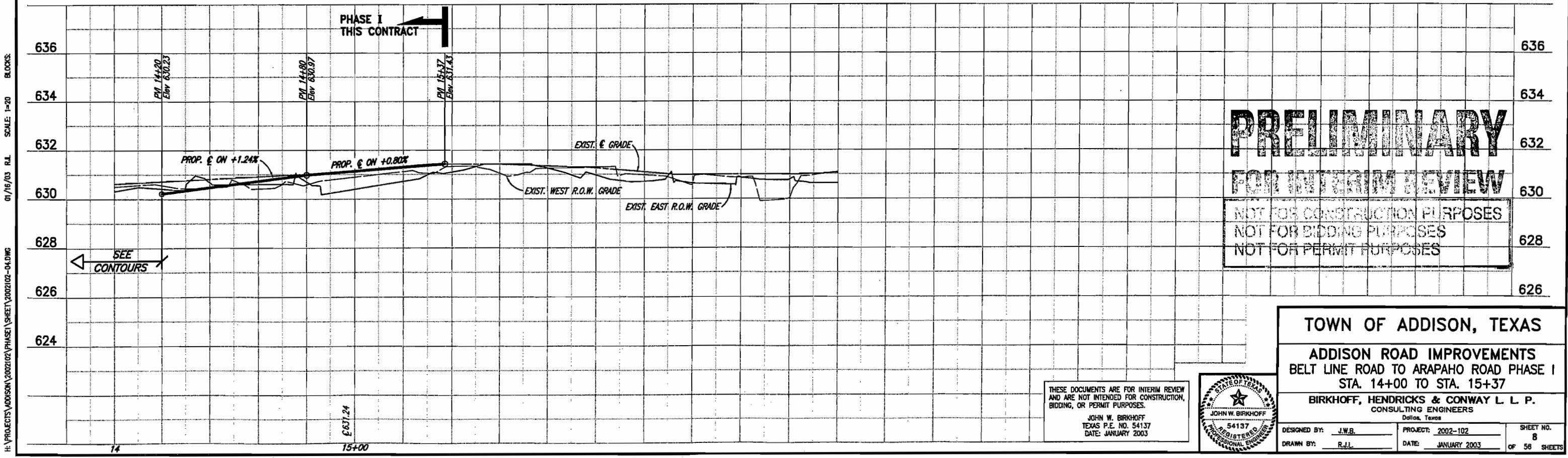
H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102-03\UPDATE.DWG 02/04/03 R.L. SCALE: 1"=20' BLOCKS:



- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79
- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38

FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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FOR INTERIM REVIEW
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 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STA. 14+00 TO STA. 15+37

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

DESIGNED BY: J.W.B. PROJECT: 2002-102 SHEET NO. 8
 DRAWN BY: R.J.L. DATE: JANUARY 2003 OF 58 SHEETS

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
 JOHN W. BIRKHOFF
 TEXAS P.E. NO. 54137
 DATE: JANUARY 2003



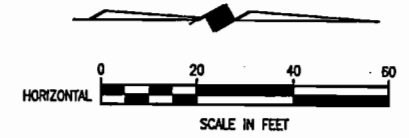
H:\PROJECTS\ADDISON\2002\02\PHASE I\SHEET\2002102-04.DWG
 01/16/03 R.L. SCALE: 1"=20' BLOCKS:

WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING TELEVISION BURIED CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING S.W. BELL BURIED TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

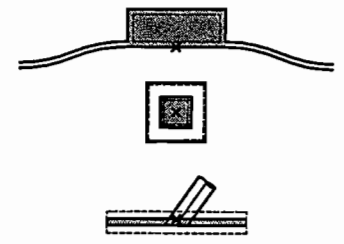


B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79

INLET REFERENCE POINT



EXISTING STORM SEWER PIPE REMOVAL



- NOTES:**
1. CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
 2. USED 1978 ADDISON ROAD AND KELLER SPRINGS CONSTRUCTION PLANS TO SHOW APPROXIMATE LOCATION AND DEPTH OF EXISTING STORM SEWER SHOWN IN THE PLANS, ALONG WITH LOCATING AND MEASURING THE DEPTH OF EXISTING STORM SEWER STRUCTURES.

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NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

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

DATE: _____

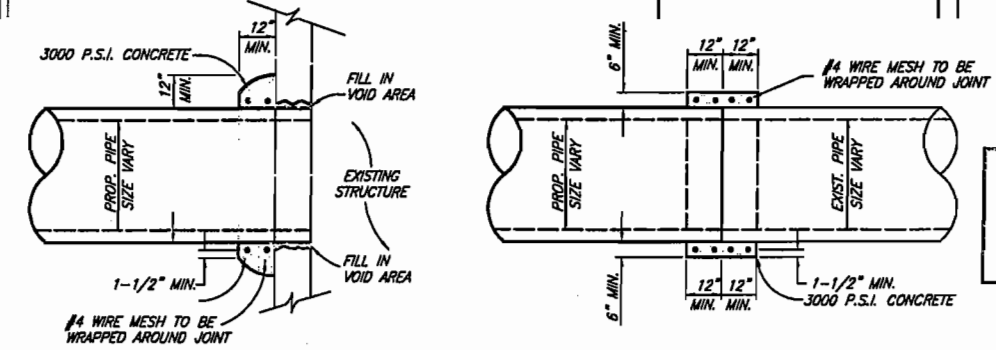


TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 0+00 TO STA. 4+00

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

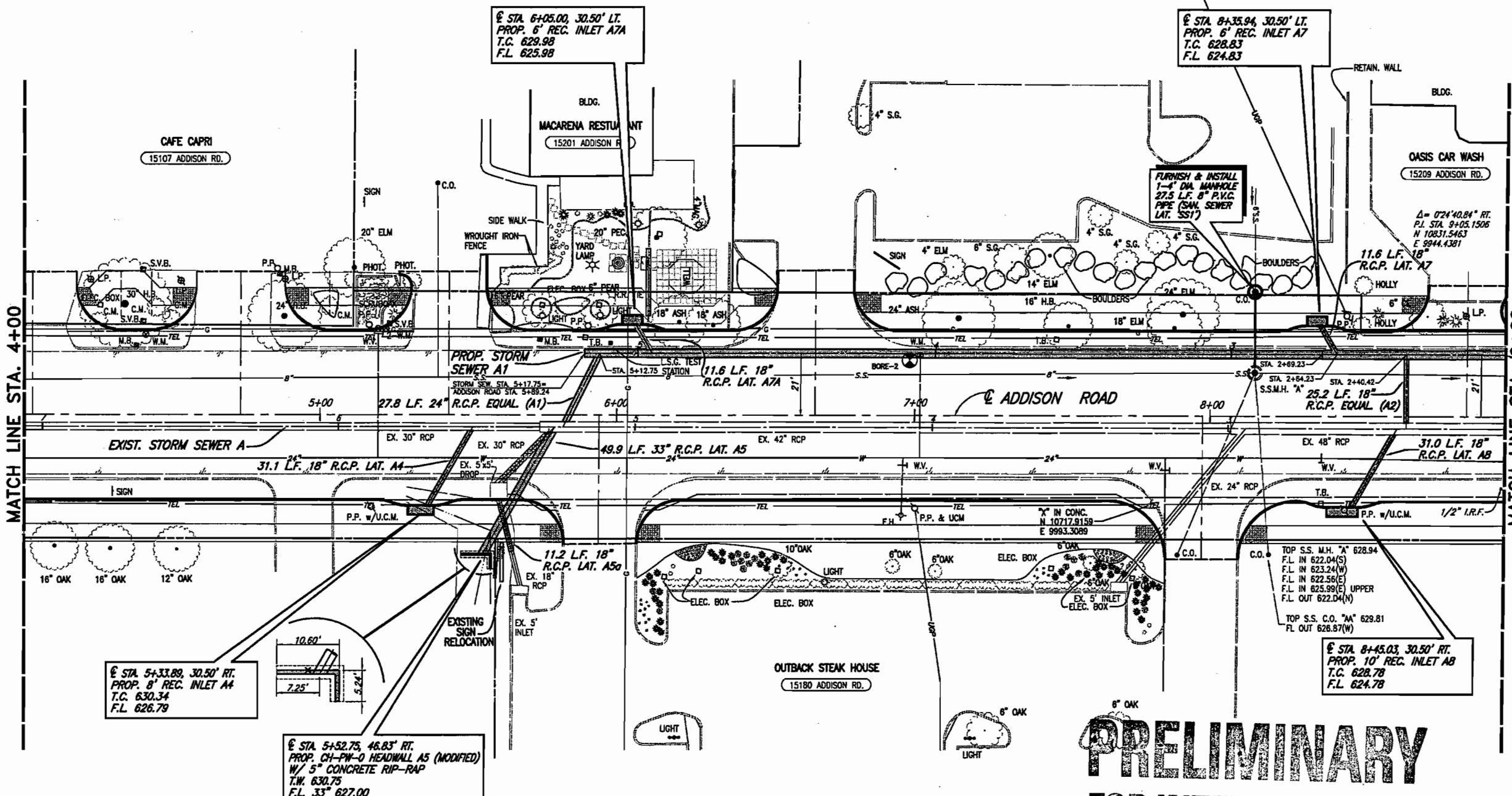
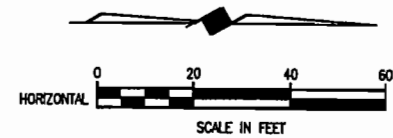
DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 36
DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS



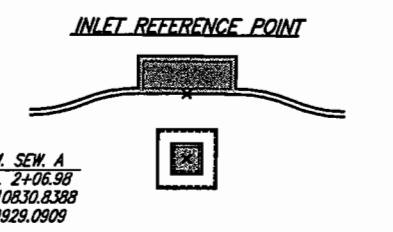
DETAIL OF PIPE CONNECTION W/ EXISTING PIPE OR STRUCTURE

INSIDE JOINT SHALL BE CONCRETE MORTAR IF PIPE SIZES ARE DIFFERENT

H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102STM-01.DWG 01/17/03 R.L. SCALE: 1=20



- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



EXISTING STORM SEWER PIPE REMOVAL

- NOTES:
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
 - USED 1978 ADDISON ROAD AND KELLER SPRINGS CONSTRUCTION PLANS TO SHOW APPROXIMATE LOCATION AND DEPTH OF EXISTING STORM SEWER SHOWN IN THE PLANS, ALONG WITH LOCATING AND MEASURING THE DEPTH OF EXISTING STORM SEWER STRUCTURES.

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NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 4+00 TO STA. 9+00

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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 37
DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

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

DATE: _____



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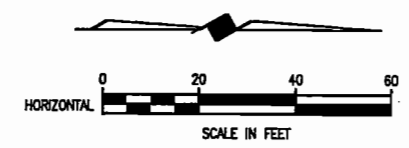
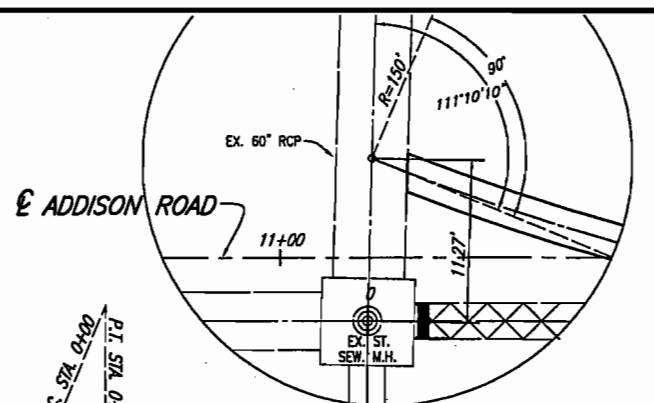
WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
TELEVISION
BURIED CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
S.W. BELL BURIED
TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

CALL US BEFORE YOU DIG

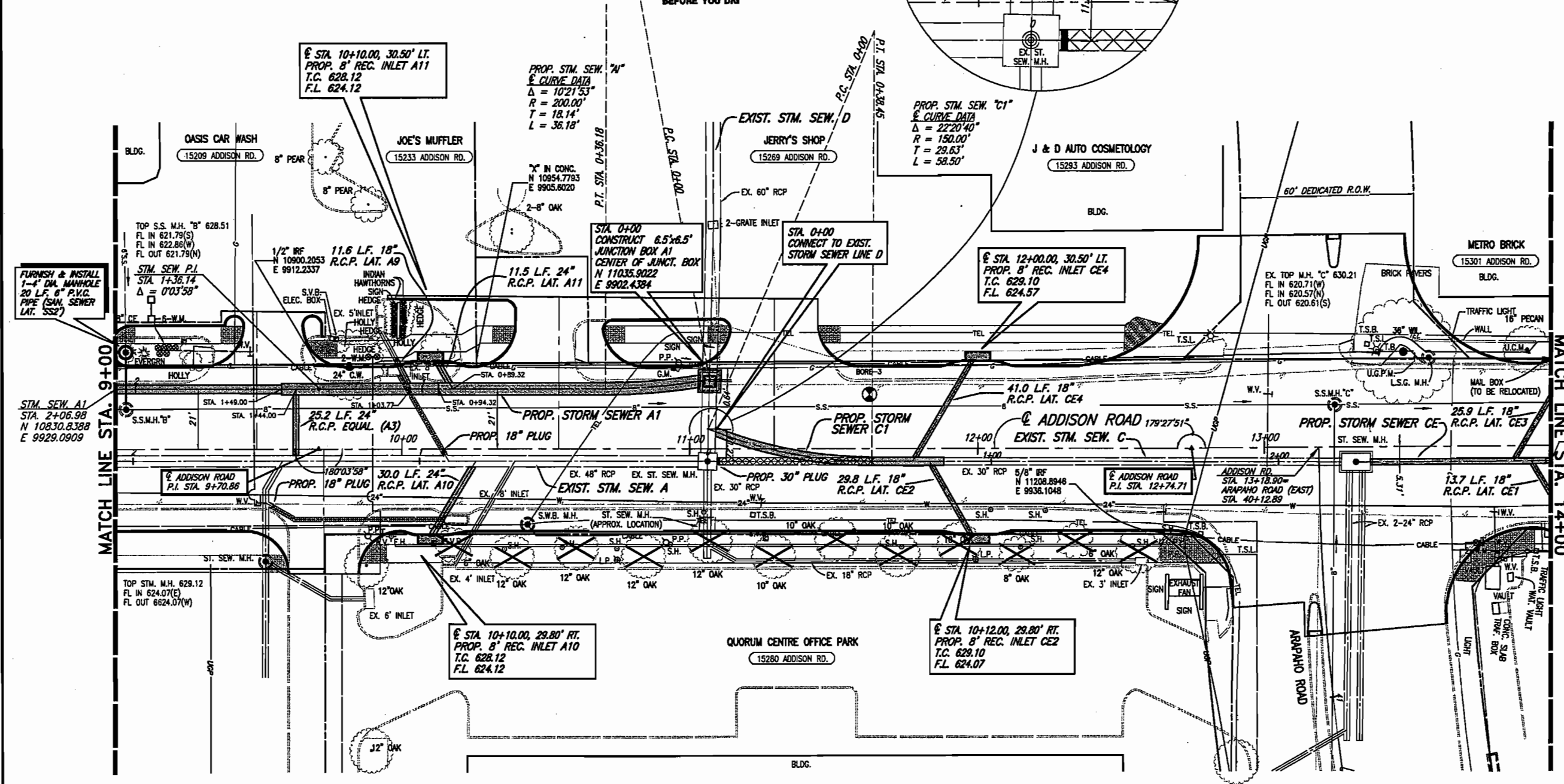


B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79

T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38



TREE REMOVAL

INLET REFERENCE POINT

EXISTING STORM SEWER PIPE REMOVAL

- NOTES:**
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
 - USED 1978 ADDISON ROAD AND KELLER SPRINGS CONSTRUCTION PLANS TO SHOW APPROXIMATE LOCATION AND DEPTH OF EXISTING STORM SEWER SHOWN IN THE PLANS, ALONG WITH LOCATING AND MEASURING THE DEPTH OF EXISTING STORM SEWER STRUCTURES.

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NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

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JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: JANUARY 2003



TOWN OF ADDISON, TEXAS

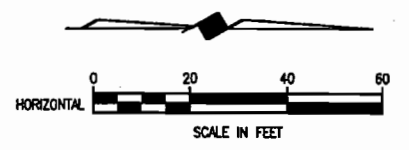
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 9+00 TO STA. 14+00

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

DESIGNED BY: J.W.B.	PROJECT: 2002 102	SHEET NO. 38
DRAWN BY: R.J.L.	DATE: JANUARY 2003	OF 56 SHEETS

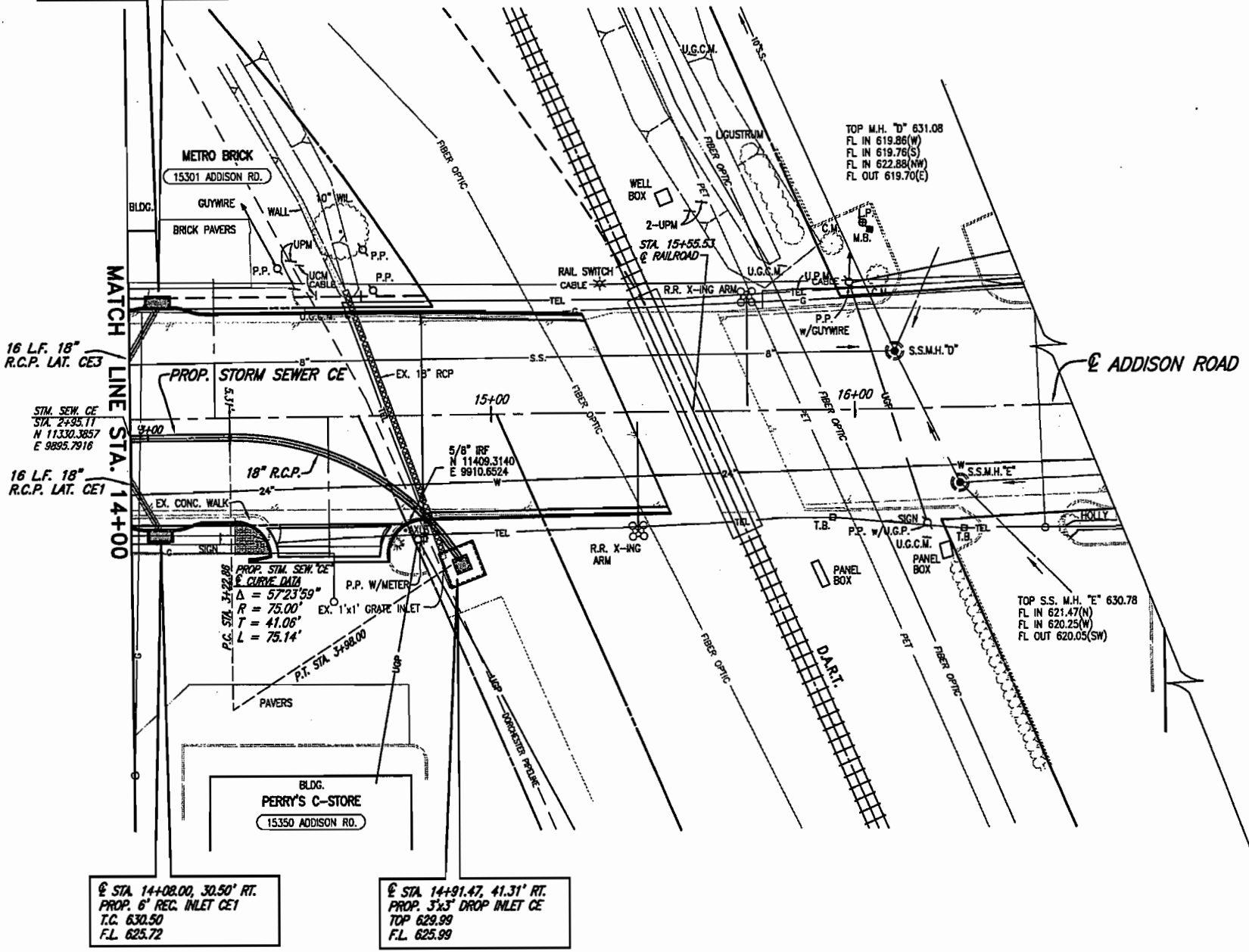
SCALE: 1"=20' 01/17/03 R.L. H:\PROJECTS\ADDISON\2002102\PHASE I\SHEET\2002102STN-03.DWG

- WARNING!** EXPLORER'S 12-INCH HIGH PRESSURE PETROLEUM PRODUCTS PIPELINE. CONTACT GREENVILLE AREA SUPERVISOR AT (903) 527-1267 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION NEAR PIPELINE.
- WARNING POWER** ELECTRICAL CONDUIT CALL 1-800-DIG-TESS 72 HOURS PRIOR TO EXCAVATION IN VICINITY OF PROJECT
- WARNING** ONCOR GAS LINE CALL 1-800-DIG-TESS 72 HOURS PRIOR TO EXCAVATION IN VICINITY OF PROJECT
- WARNING** M.C.I. BURIED FIBER OPTICS CALL 1-800-DIG-TESS 72 HOURS PRIOR TO EXCAVATION IN VICINITY OF PROJECT
- WARNING** SPRINT BURIED FIBER OPTICS CALL 1-800-DIG-TESS 72 HOURS PRIOR TO EXCAVATION IN VICINITY OF PROJECT
- WARNING** DORCHESTER PIPELINE CALL 1-800-DIG-TESS 72 HOURS PRIOR TO EXCAVATION IN VICINITY OF PROJECT
- WARNING** S.W. BELL BURIED TELEPHONE CABLE CALL 1-800-DIG-TESS 72 HOURS PRIOR TO EXCAVATION IN VICINITY OF PROJECT

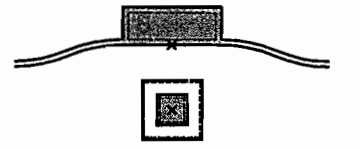


- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79
- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38

© STA. 14+08.00, 30.50' LT.
PROP. 6" REC. INLET CE3
T.C. 630.50
F.L. 625.72



INLET REFERENCE POINT



EXISTING STORM SEWER PIPE REMOVAL

- NOTES:
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
 - USED 1978 ADDISON ROAD AND KELLER SPRINGS CONSTRUCTION PLANS TO SHOW APPROXIMATE LOCATION AND DEPTH OF EXISTING STORM SEWER SHOWN IN THE PLANS, ALONG WITH LOCATING AND MEASURING THE DEPTH OF EXISTING STORM SEWER STRUCTURES.

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**PRELIMINARY
FOR INTERIM REVIEW**

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102STN-04.DWG 01/15/03 R.L. SCALE: 1=20

© STA. 14+08.00, 30.50' RT.
PROP. 6" REC. INLET CE1
T.C. 630.50
F.L. 625.72

© STA. 14+91.47, 41.31' RT.
PROP. 3"x3" DROP INLET CE
TOP 629.99
F.L. 625.99

TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
ARAPAHO ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 14+00 TO STA. 15+37

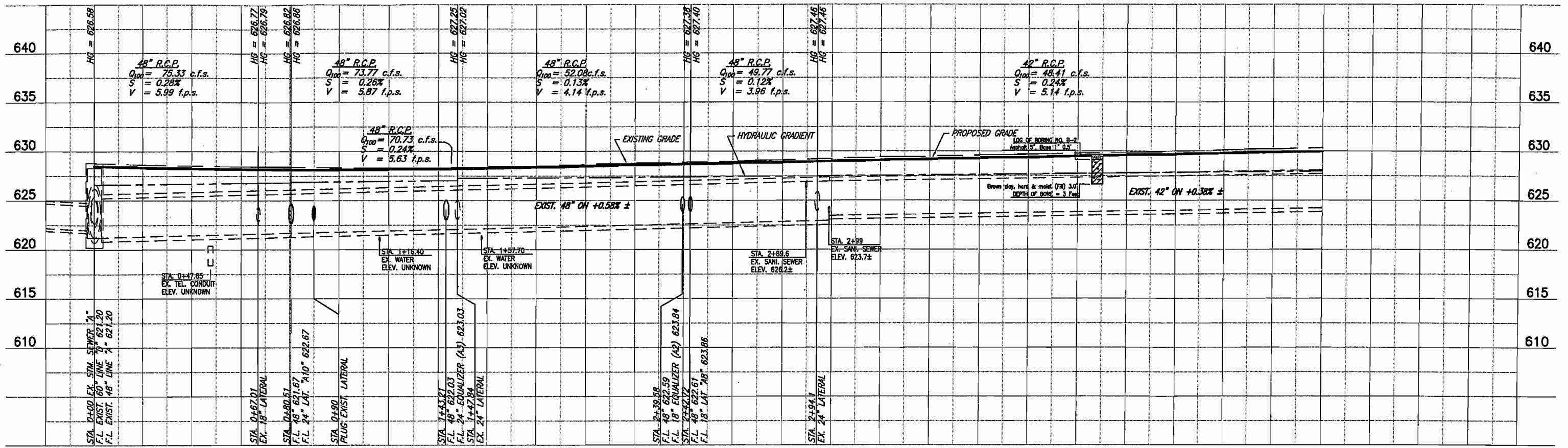
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: JANUARY 2003



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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 39
DRAWN BY: R.L.L. DATE: JANUARY 2003 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE I\UR\AN\AGE\STW-SHEETS\2002102STW-1.DWG 01/14/03 R.L. SCALE: 1"=20' BLOCKS: EXSTW-A-1, EXSTW-A-2



EXISTING STORM SEWER LINE A

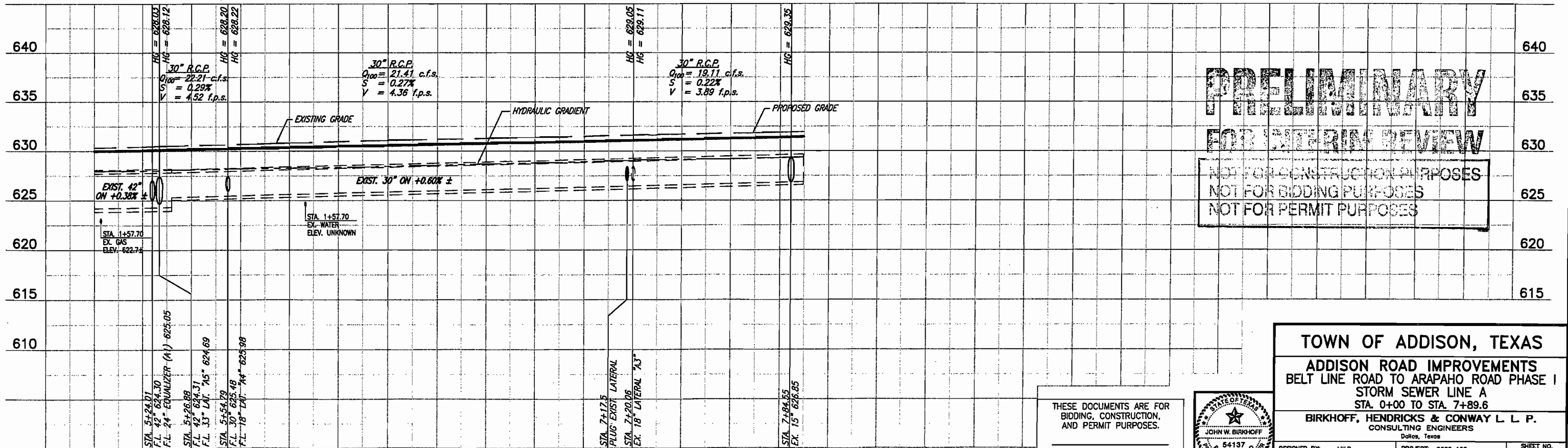
B.M. #19 "□" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

T.B.M. AR-1 "□" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

B.M. #19 "□" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

T.B.M. AR-2 "□" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79

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EXISTING STORM SEWER LINE A

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FOR INTERIM REVIEW
 NOT FOR CONSTRUCTION PURPOSES
 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

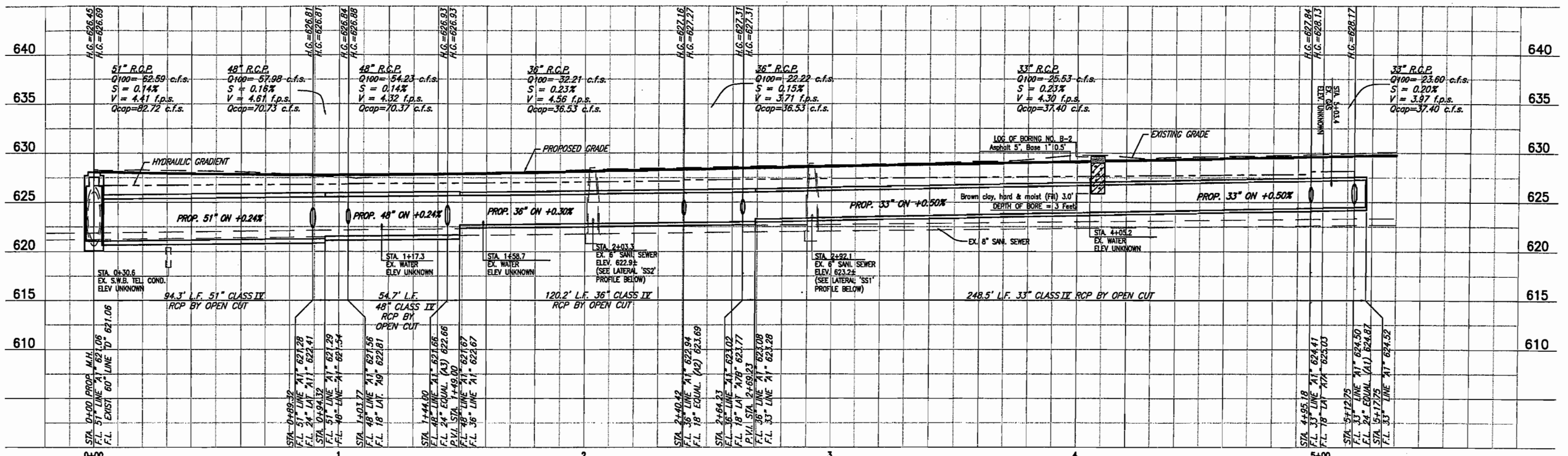
THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____



TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER LINE A
 STA. 0+00 TO STA. 7+89.6

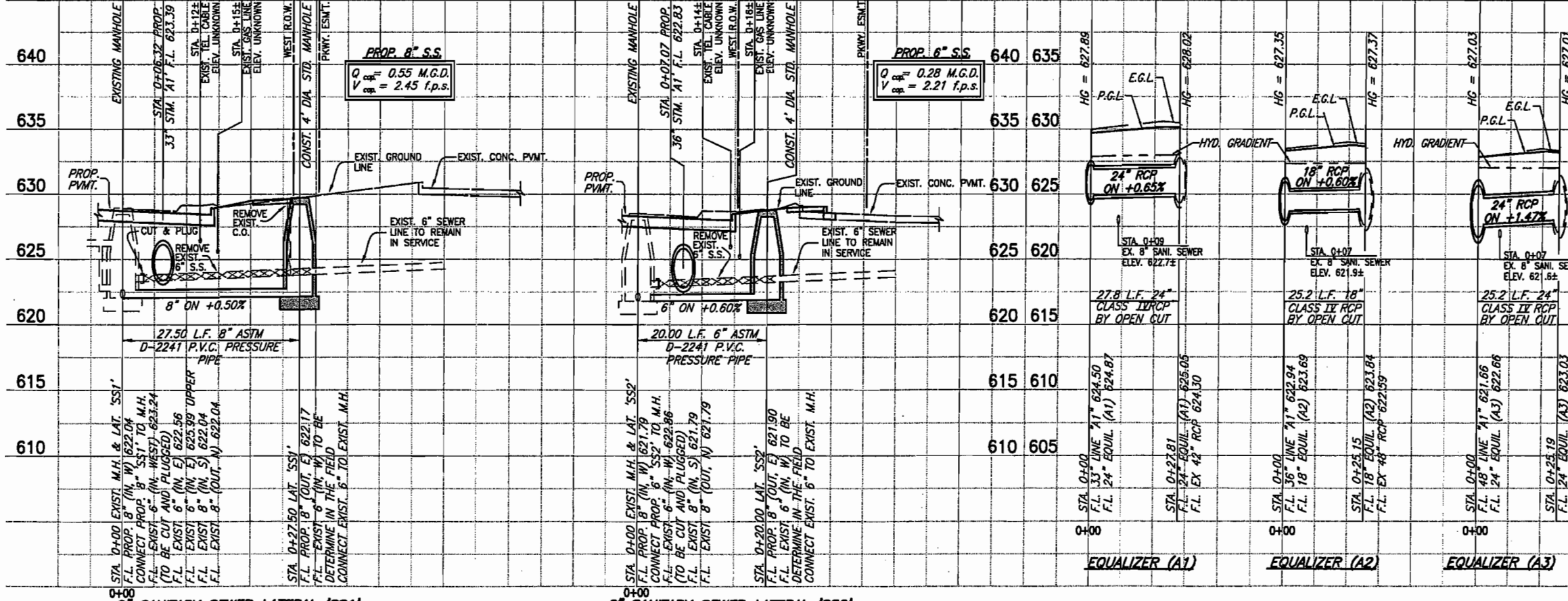
BIRKHOFF, HENDRICKS & CONWAY L. L. P.
 CONSULTING ENGINEERS
 Dallas, Texas

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 40
 DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS



T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
 T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD. @ STA. 9+87, 32 FEET RT. ELEV. 628.79

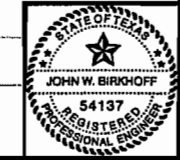
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PRELIMINARY FOR INTERIM REVIEW

NOT FOR CONSTRUCTION PURPOSES
 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____



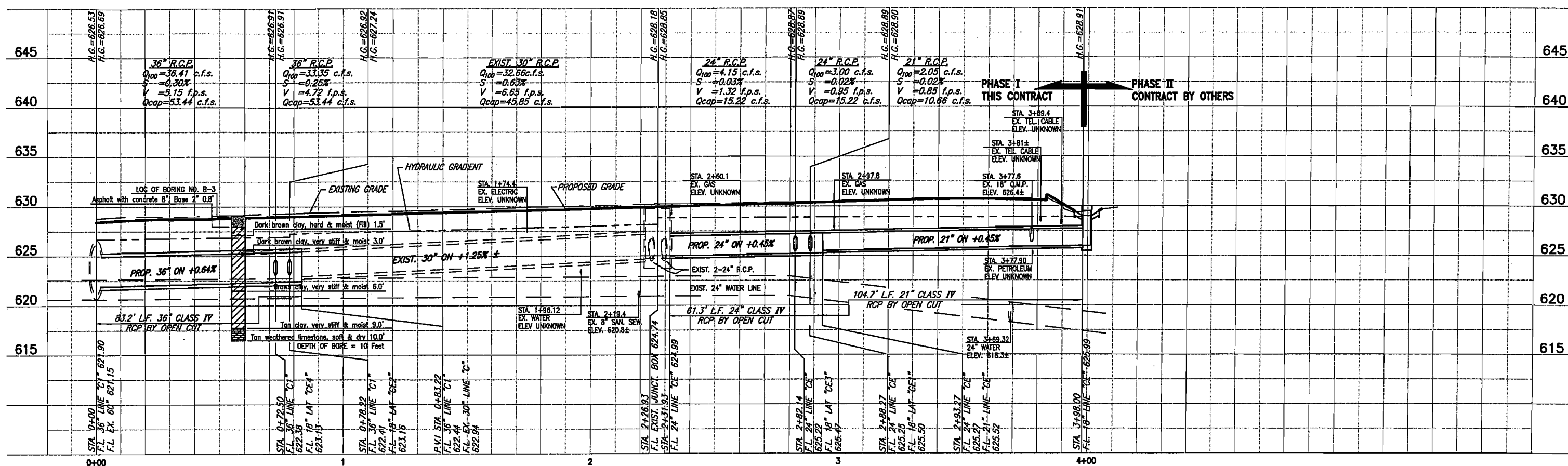
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STORM SEWER LINE A1/SAN. SEW. 'SS1' & 'SS2'
 STA. 0+00 TO STA. 5+17.75

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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 41
 DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\DRAINAGE\STM - SHEETS\2002102STM-3.DWG
 01/15/03 R.L.
 SCALE: 1"=20'
 BLOCKS: PROP-C1

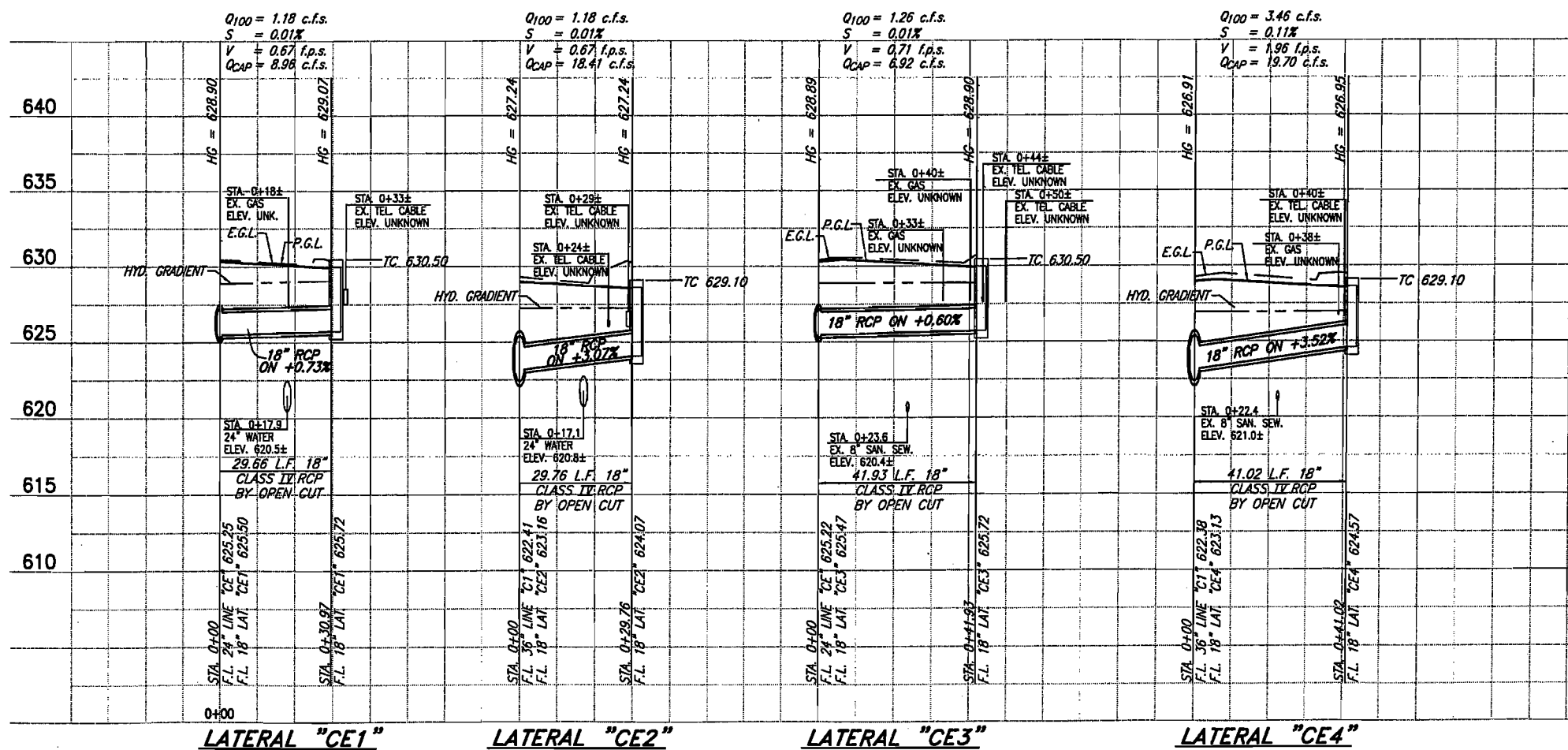


PROPOSED STORM SEWER LINE C1 EXISTING STORM SEWER LINE C PROPOSED STORM SEWER LINE CE

STORM SEWER LINE C1 & PROPOSED CE

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79

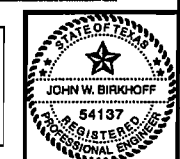
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LATERAL "CE1" LATERAL "CE2" LATERAL "CE3" LATERAL "CE4"

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FOR INTERIM REVIEW
 NOT FOR CONSTRUCTION PURPOSES
 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

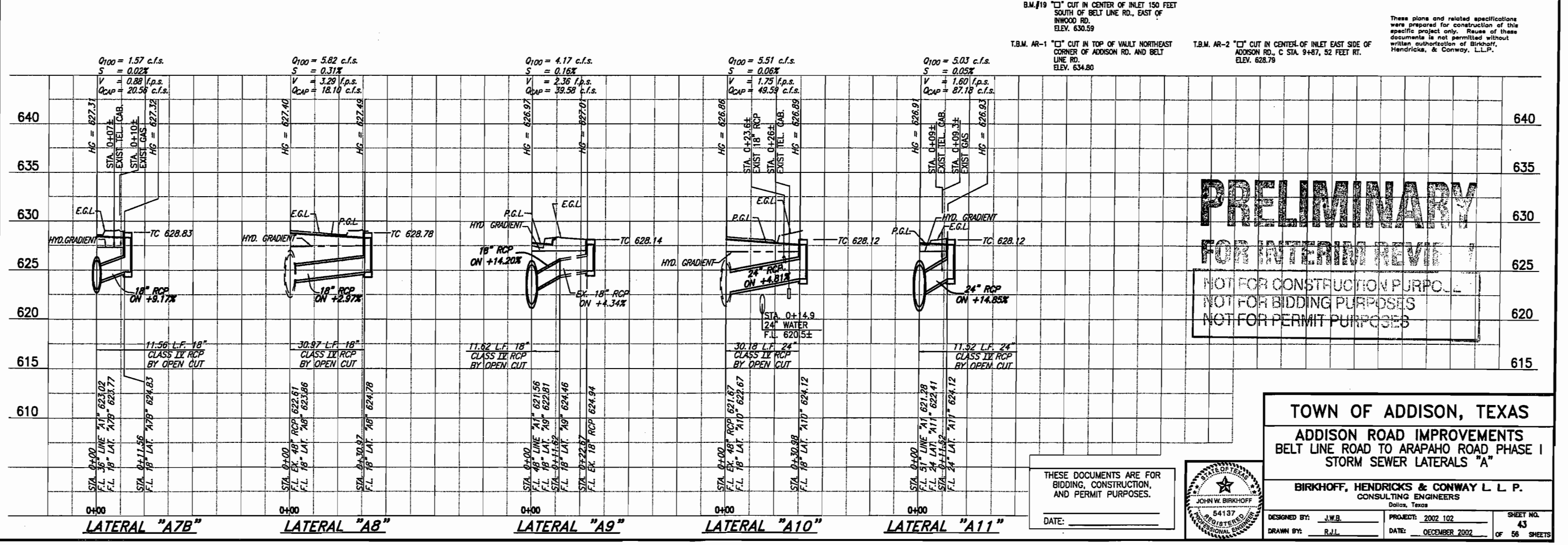
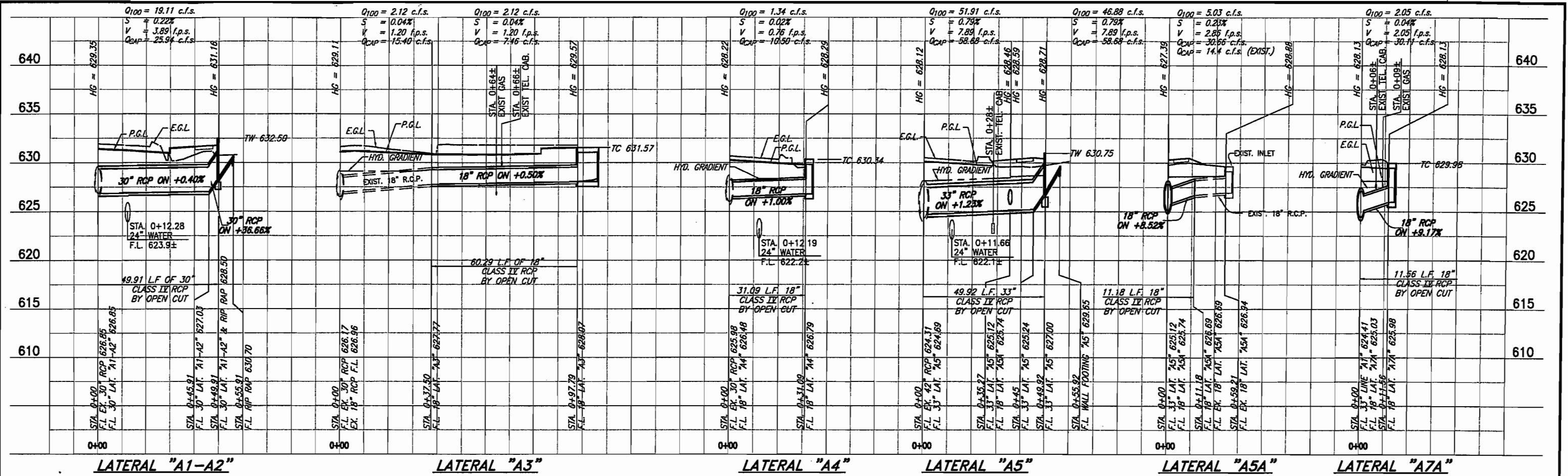
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
 JOHN W. BIRKHOFF
 TEXAS P.E. NO. 54137
 DATE: JANUARY 2003



TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STM. SEW. LINE C1,C & CE & LATERALS
 STA. 0+00 TO STA. 3+98.00
BIRKHOFF, HENDRICKS & CONWAY L. L. P.
 CONSULTING ENGINEERS
 Dallas, Texas

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 42
 DRAWN BY: R.J.L. DATE: JANUARY 2003 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002\102\PHASE I\DRAWING\LATERALS\2002\102\LAT-1-DWG 12/19/02 R.L. SCALE: 1"=20'



B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF S.WOOD RD. ELEV. 630.59

T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

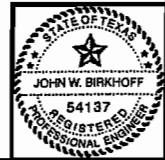
T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., C STA. 9+87, 52 FEET RT. ELEV. 628.79

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NOT FOR PERMIT PURPOSES

TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STORM SEWER LATERALS "A"

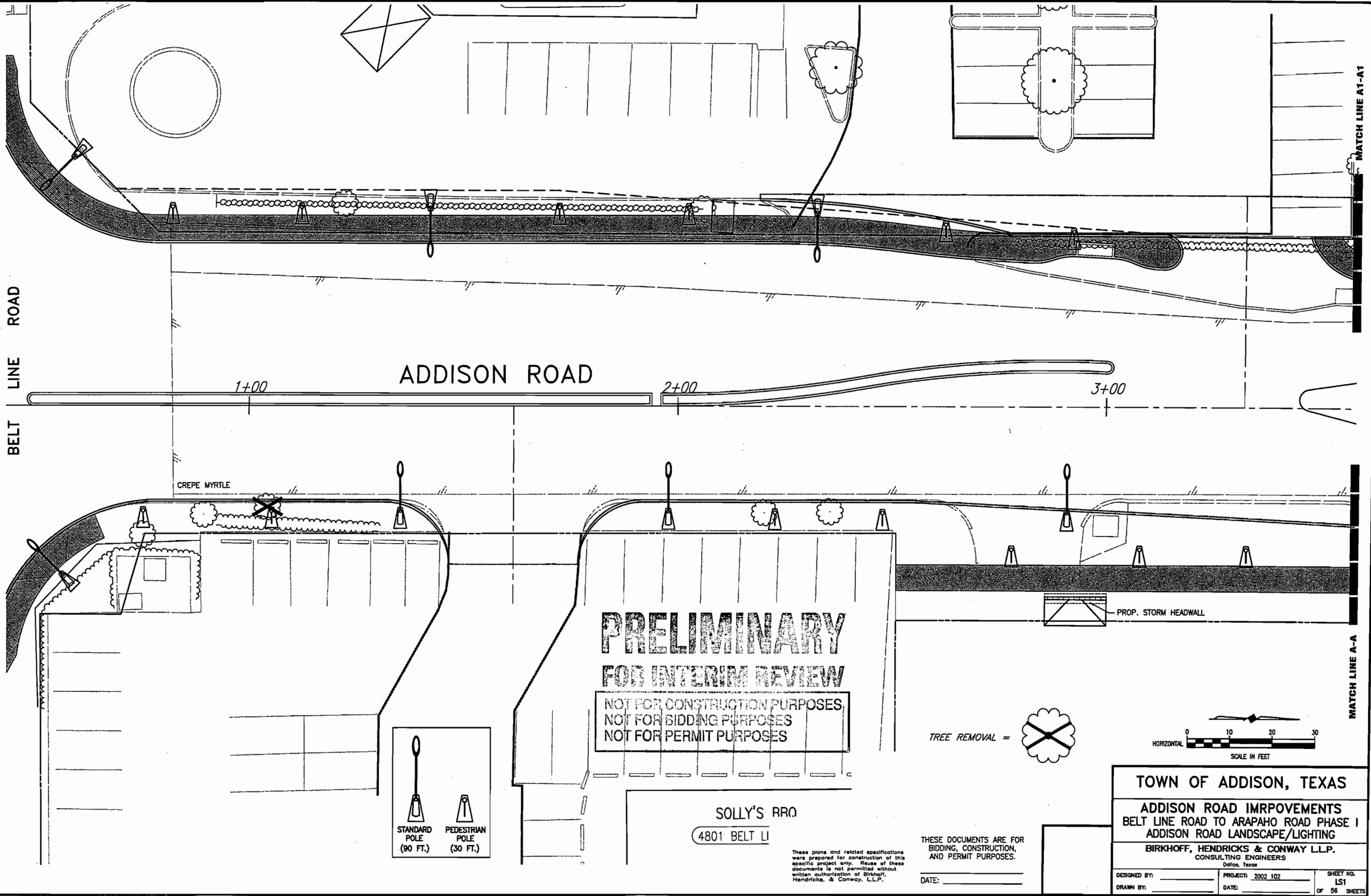


THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____

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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 43
 DRAWN BY: R.J.L. DATE: OCTOBER 2002 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002\02\PHASE1\LANDSCAPE\LANDSCAPE-SH1.DWG 02/04/04 R.L. SCALE: 1"=10'



BELT LINE ROAD

ADDISON ROAD

1+00

2+00

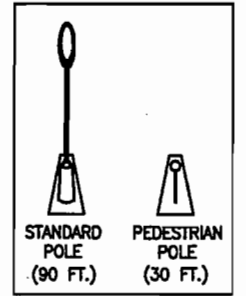
3+00

CREPE MYRTLE

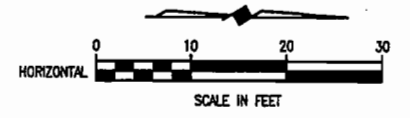
PROP. STORM HEADWALL

**PRELIMINARY
FOR INTERIM REVIEW**

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES



SOLLY'S RRO
4801 BELT LI



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DATE: _____

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: _____	PROJECT: 2002 102	SHEET NO. LS1
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

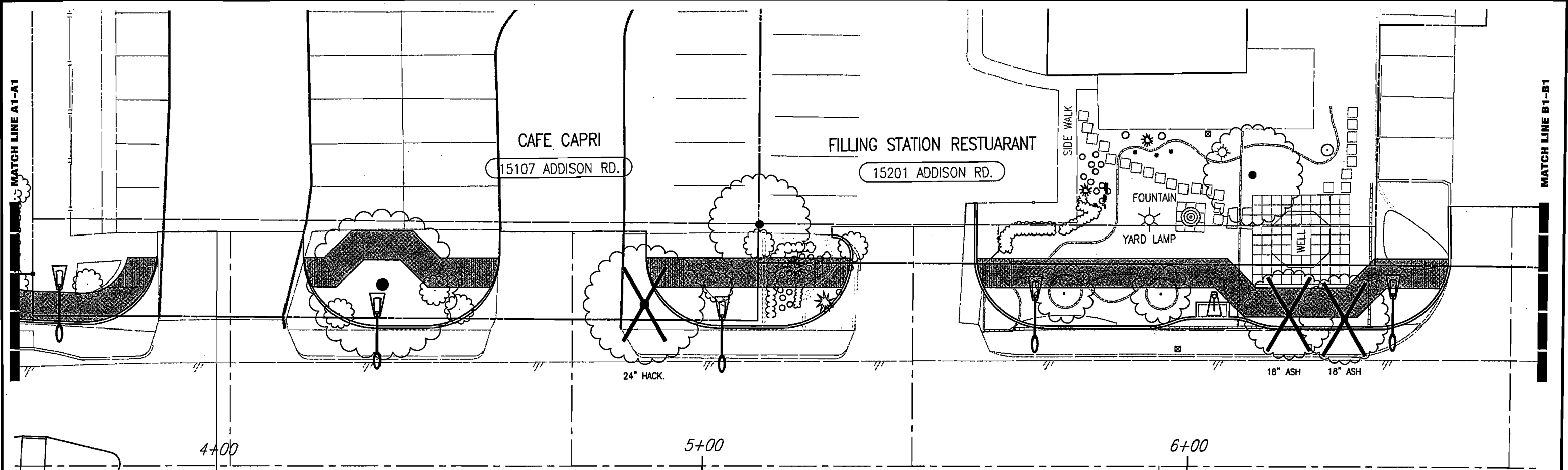
MATCH LINE A1-A1

MATCH LINE A-A

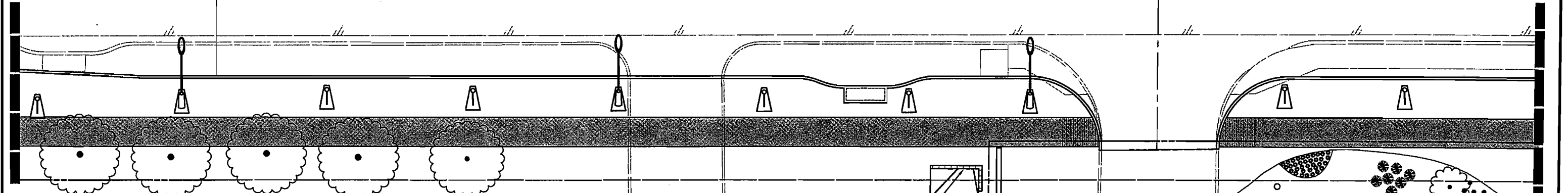
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MATCH LINE A1-A1

MATCH LINE B1-B1

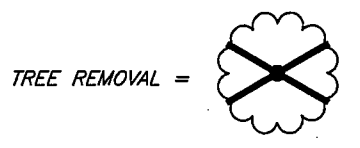


ADDISON ROAD



4901 BELT LINE ROAD

PRELIMINARY
FOR INTERIM REVIEW
 NOT FOR CONSTRUCTION PURPOSES
 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

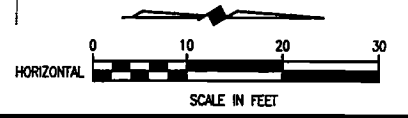


PROP. STORM HEADWALL

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

DATE: _____



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: _____	PROJECT: 2002 102	SHEET NO. LS2
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

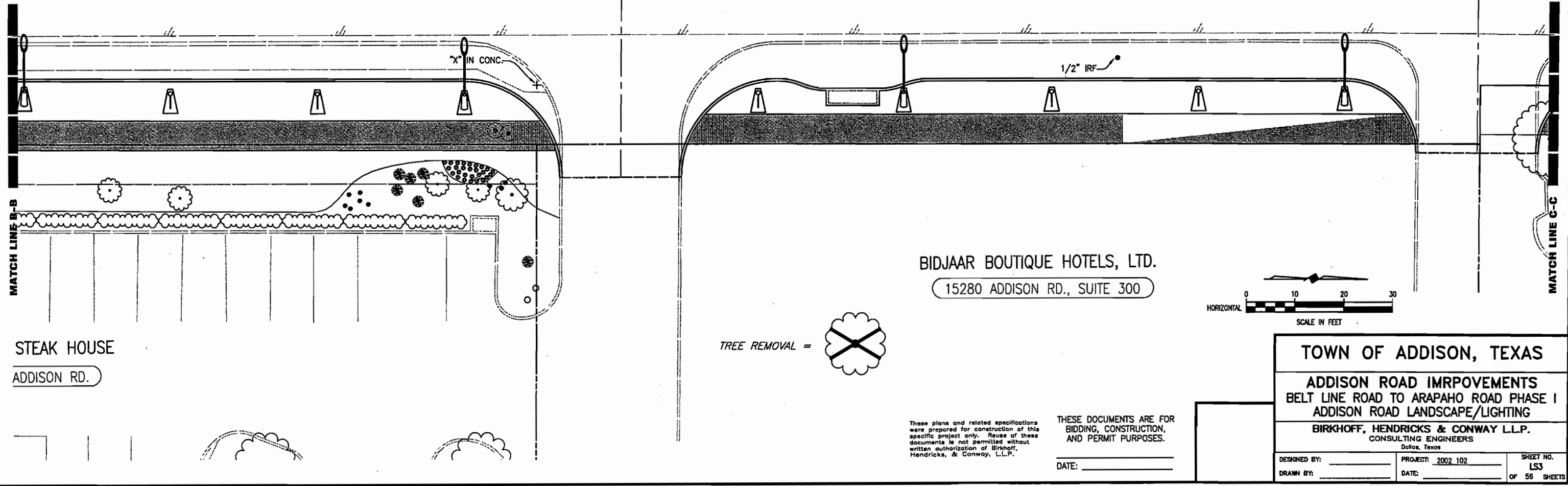
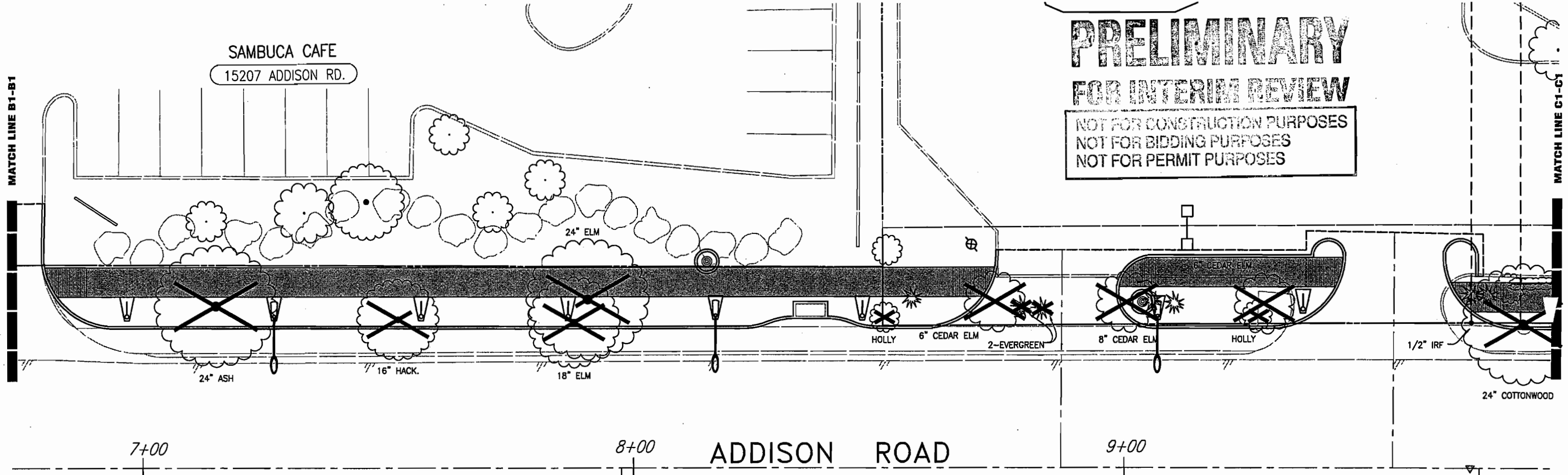
PRELIMINARY FOR INTERIM REVIEW

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

SAMBUCA CAFE
15207 ADDISON RD.

MATCH LINE B1-B1

MATCH LINE C1-C1



H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SH3.DWG 03/02/04 R.L. SCALE: 1=10

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DATE: _____

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: _____	PROJECT: 2002.102	SHEET NO. LS3
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SHA.DWG 03/02/04 R.L. SCALE: 1=10

MATCH LINE C1-C1

MATCH LINE C-C

MATCH LINE D1-D1

MATCH LINE D-D

J & D AUTO COSMETOLOG
15293 ADDISON RD.

JOE'S MUFFLER
15233 ADDISON RD.

JERRY'S SHOP
15269 ADDISON RD.

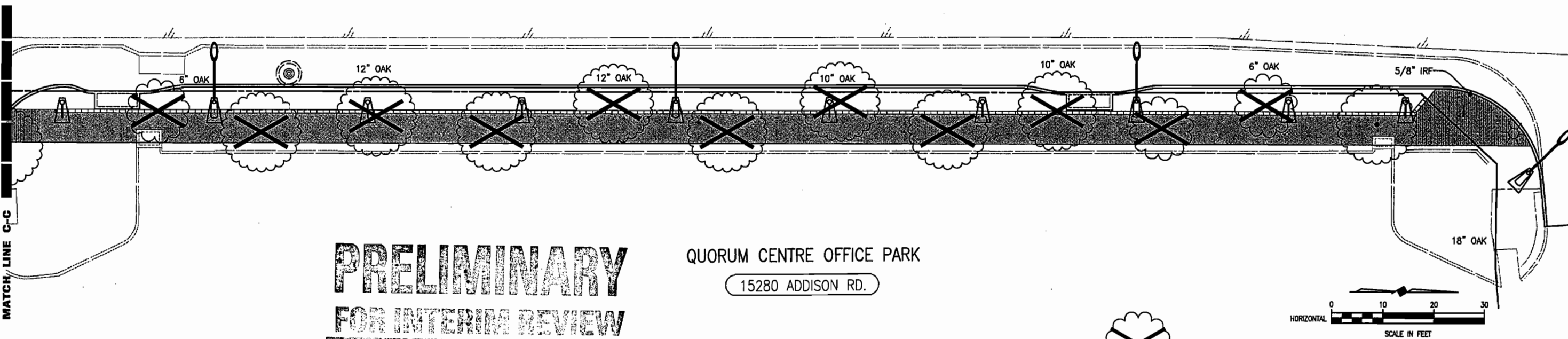
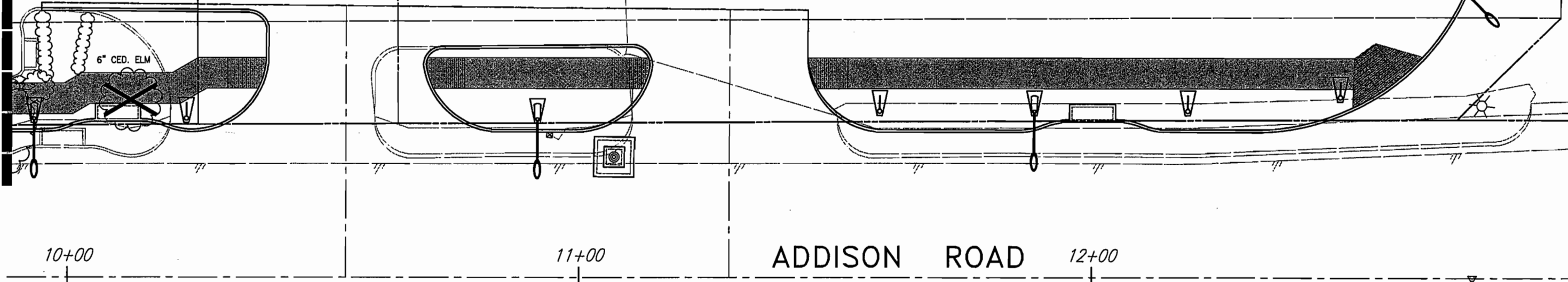
ADDISON ROAD

10+00

11+00

12+00

13+00



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FOR INTERIM REVIEW**

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

QUORUM CENTRE OFFICE PARK
15280 ADDISON RD.

TREE REMOVAL =

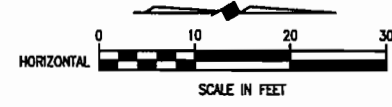
THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.

DATE: _____

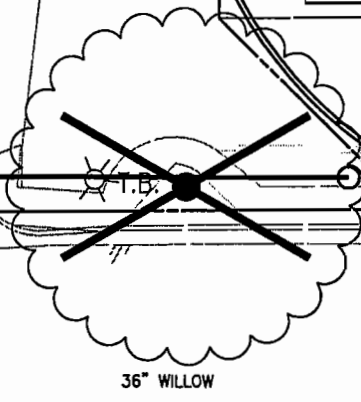
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TOWN OF ADDISON, TEXAS		
ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I ADDISON ROAD LANDSCAPE/LIGHTING		
BIRKHOFF, HENDRICKS & CONWAY L.L.P. CONSULTING ENGINEERS Dallas, Texas		
DESIGNED BY: _____	PROJECT: 2002 102	SHEET NO. LS4
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

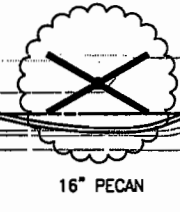
H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE-SH15.DWG 03/02/04 R.L. SCALE: 1"=10'



METRO BRICK
15301 ADDISON RD.



36" WILLOW



16" PECAN

14+00 ADDISON ROAD

15+00

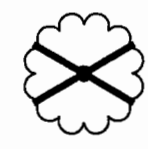
16+00

MATCH LINE D1-D1

MATCH LINE D-D

ARAPAHO ROAD

TREE REMOVAL =



PERRY'S C-STORE

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NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

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

DATE: _____

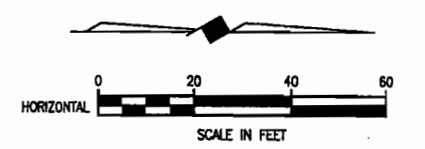
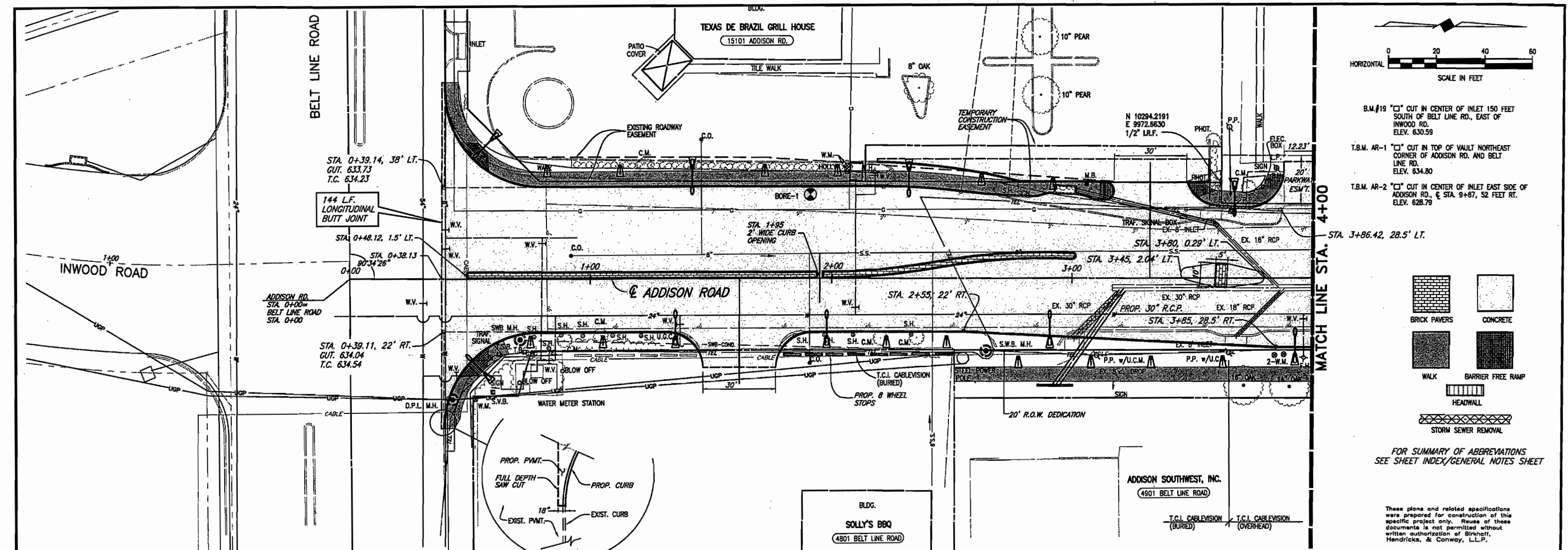
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TOWN OF ADDISON, TEXAS		
ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I ADDISON ROAD LANDSCAPE/LIGHTING		
BIRKHOFF, HENDRICKS & CONWAY L.L.P. CONSULTING ENGINEERS Dallas, Texas		
DESIGNED BY: _____	PROJECT: 2002.102	SHEET NO. LS5
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

M.C.I. FIBER OPTICS
D.A.R.T.
U.G.C. PAT
12" EXPL.

SPRINT FIBER OPTICS

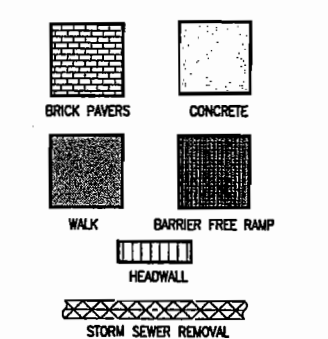
U.G.C.M.



B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

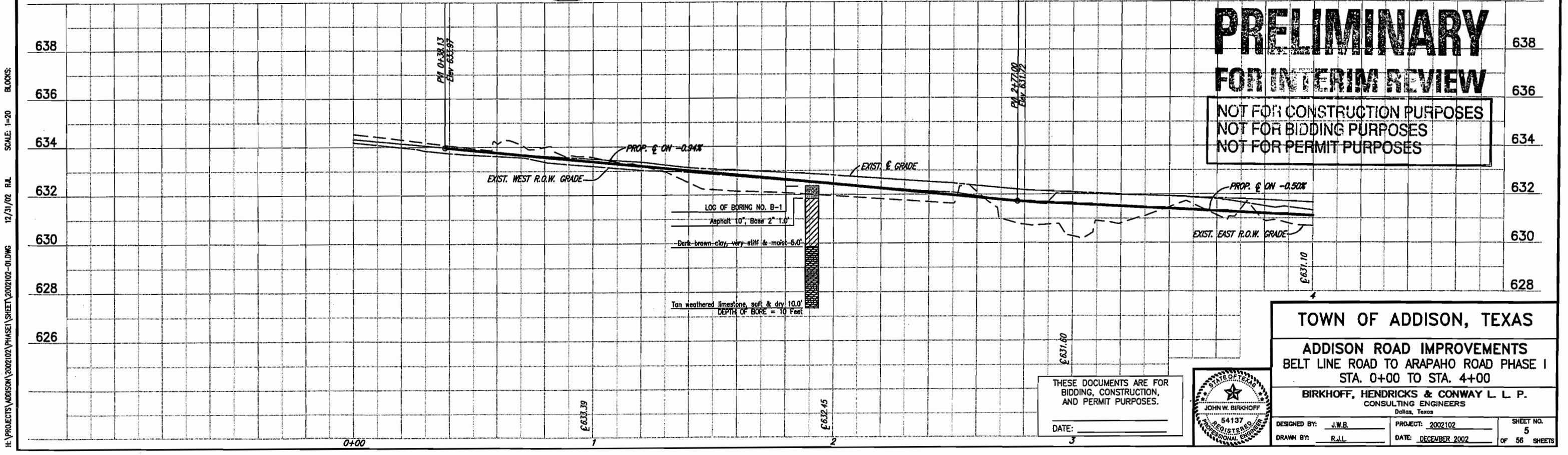
T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STA. 0+00 TO STA. 4+00

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

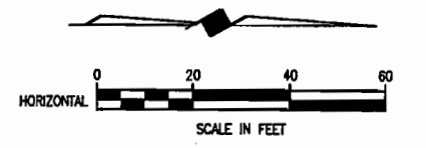
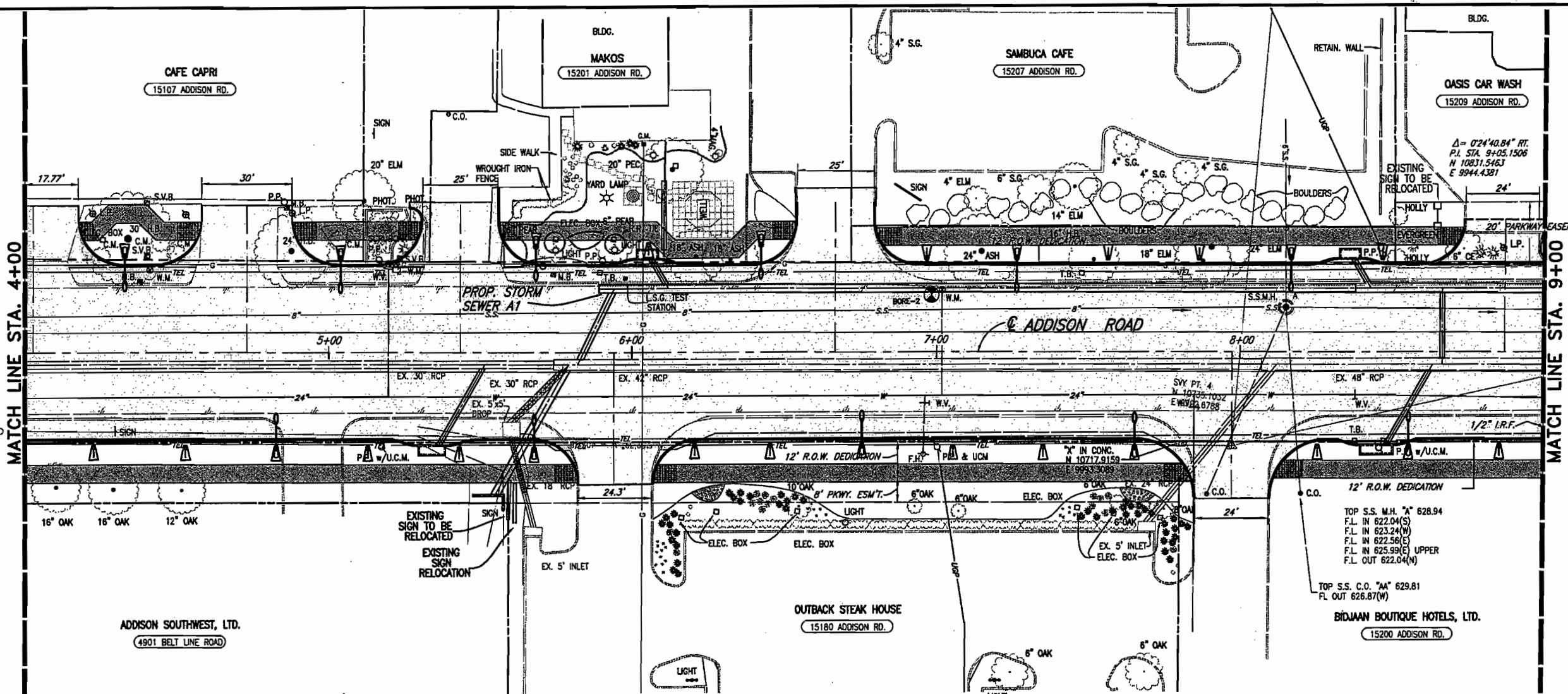
DESIGNED BY: J.W.B. PROJECT: 2002102 SHEET NO. 5
 DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS



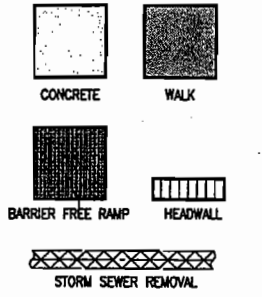
THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.

DATE: _____

H:\PROJECTS\ADDISON\2002102\PHASE I\SHEET\2002102-01.DWG 12/31/02 R.L. SCALE: 1"=20' BLOCKS:

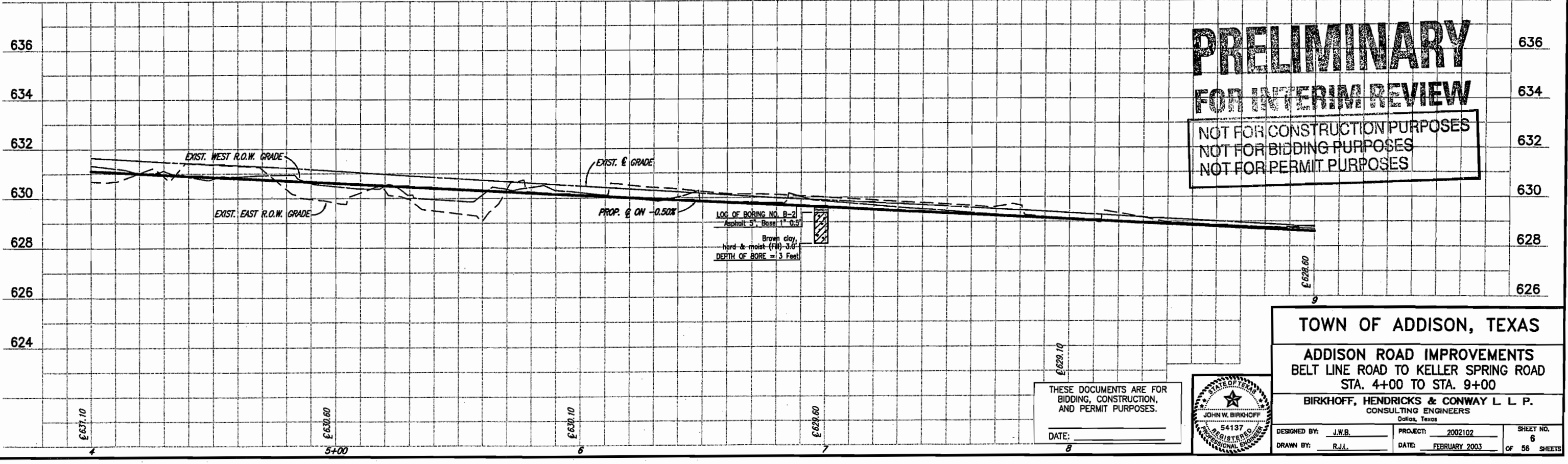


- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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 NOT FOR BIDDING PURPOSES
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THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____



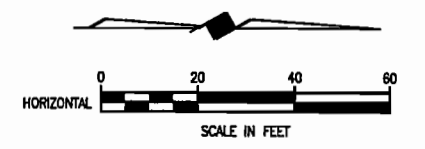
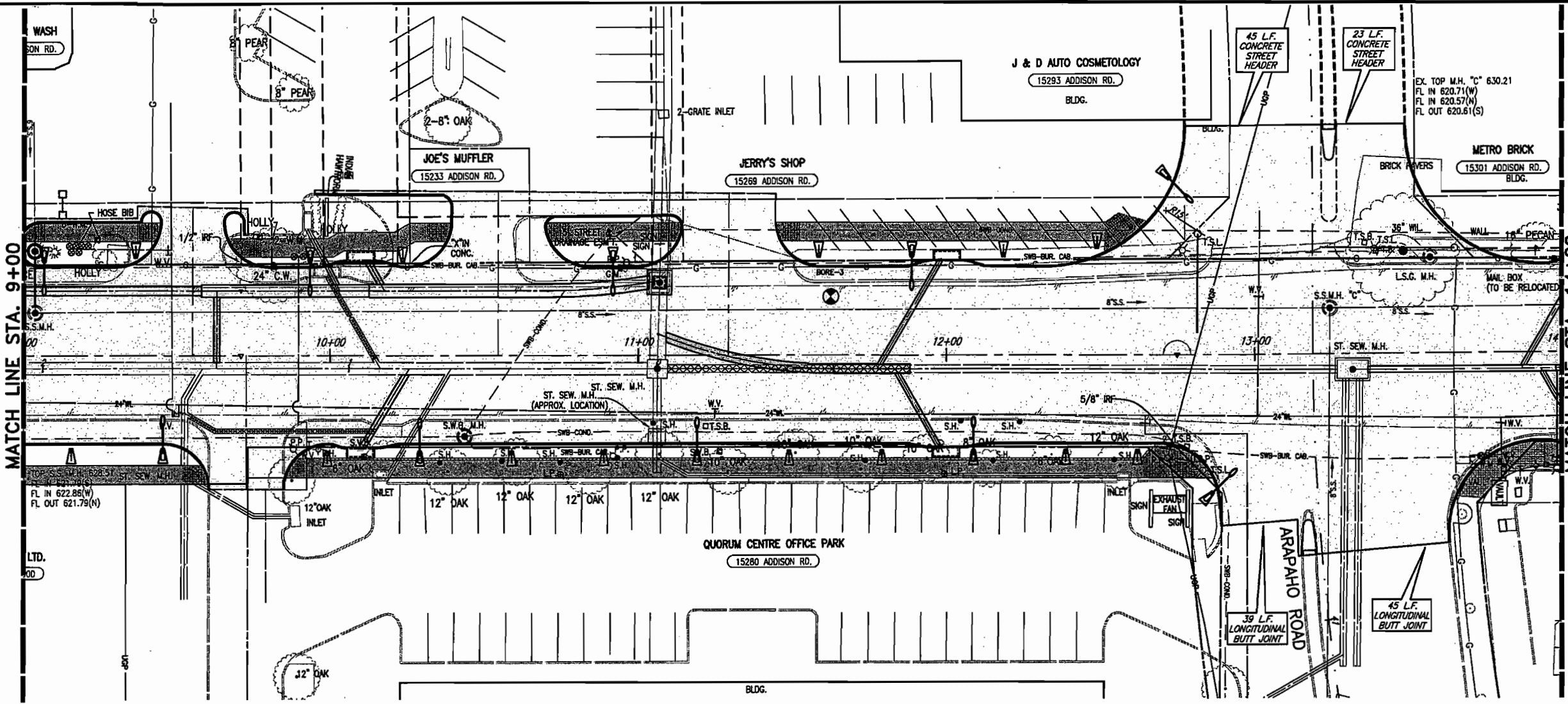
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO KELLER SPRING ROAD
 STA. 4+00 TO STA. 9+00

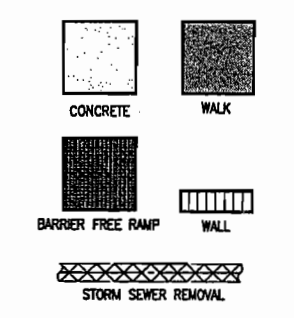
BIRKHOFF, HENDRICKS & CONWAY L L P.
 CONSULTING ENGINEERS
 Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2002102	SHEET NO. 6
DRAWN BY: R.J.L.	DATE: FEBRUARY 2003	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102-02.DWG 04/21/03 R.L. SCALE: 1"=4' BLOCKS: PAV-PROF02

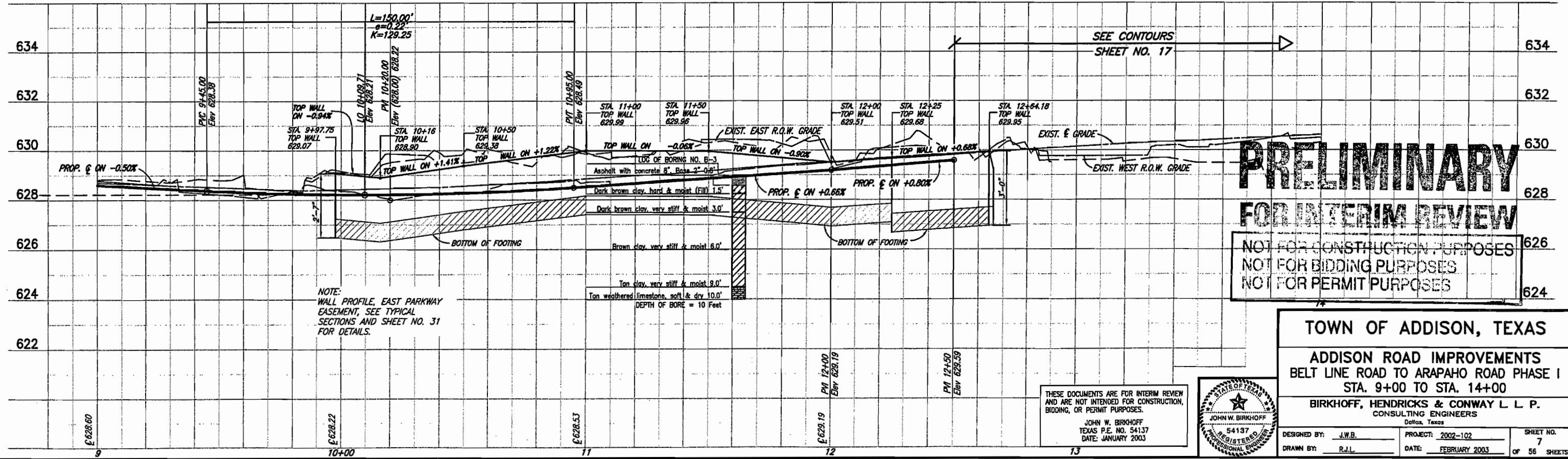


- B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79
- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

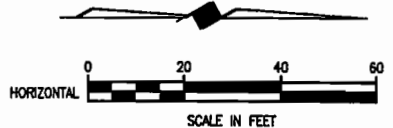
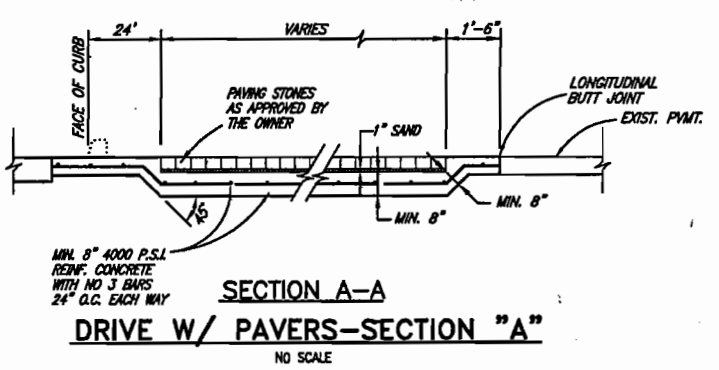
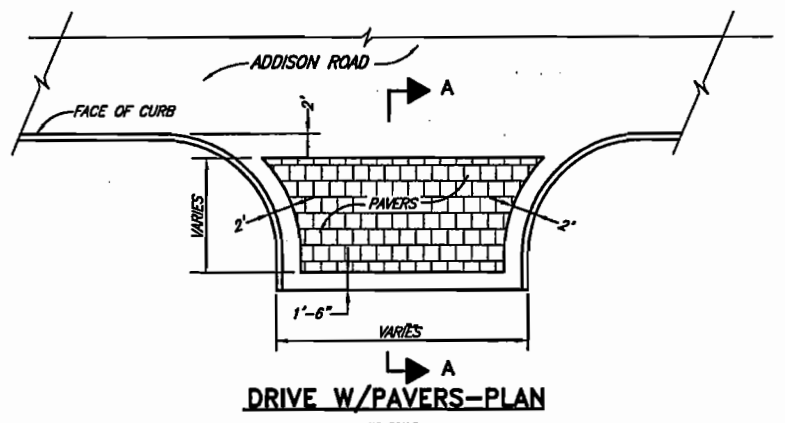
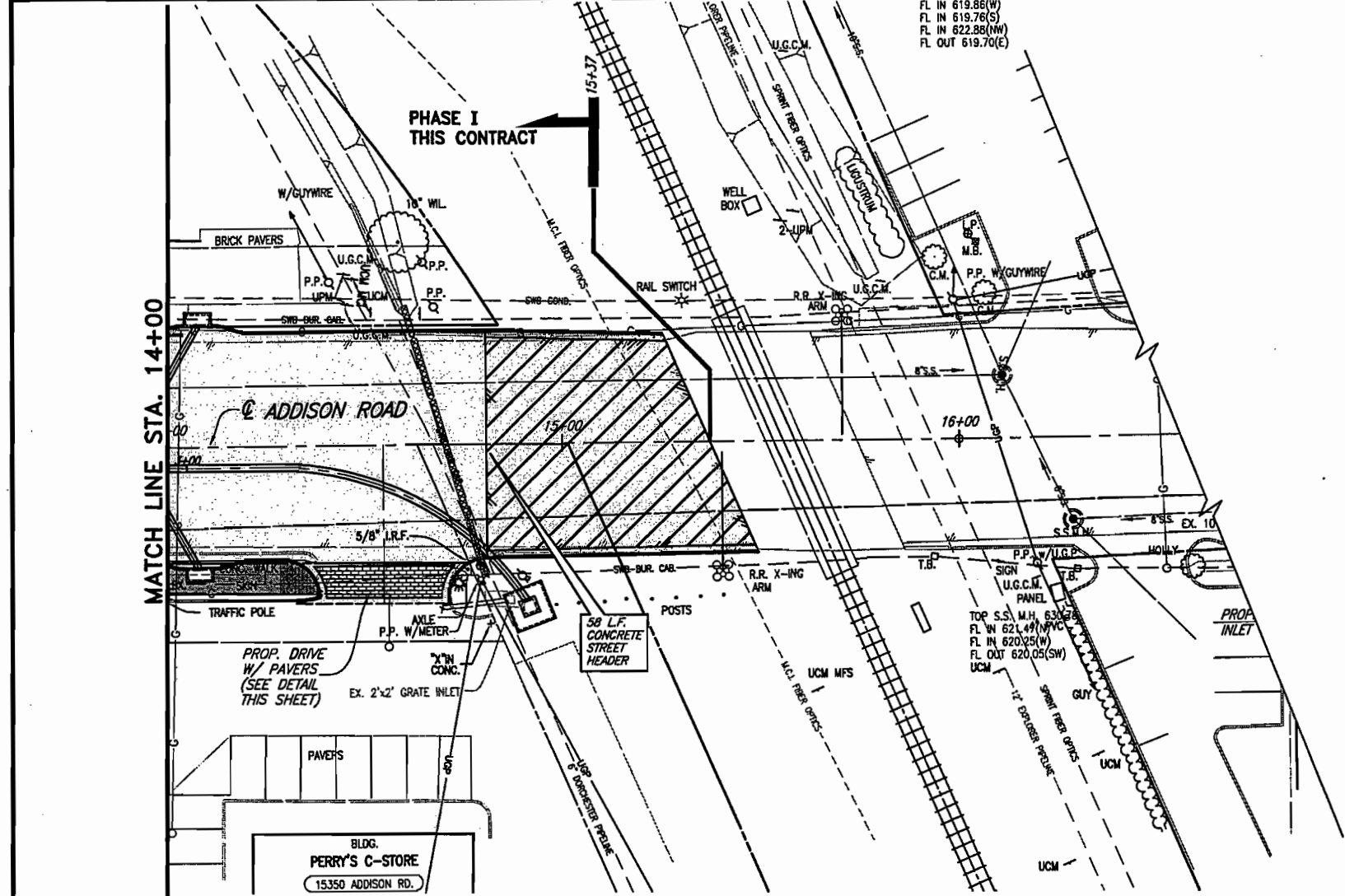
TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STA. 9+00 TO STA. 14+00
BIRKHOFF, HENDRICKS & CONWAY L.L.P.
 CONSULTING ENGINEERS
 Dallas, Texas



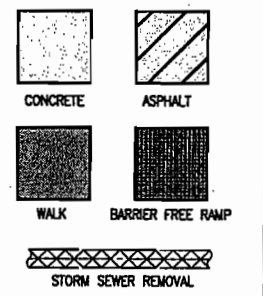
THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
 JOHN W. BIRKHOFF
 TEXAS P.E. NO. 54137
 DATE: JANUARY 2003

DESIGNED BY: J.W.B.	PROJECT: 2002-102	SHEET NO. 7
DRAWN BY: R.J.L.	DATE: FEBRUARY 2003	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102-03\UPDATE.DWG 02/04/03 R.L. SCALE: 1=20 BLOCKS:

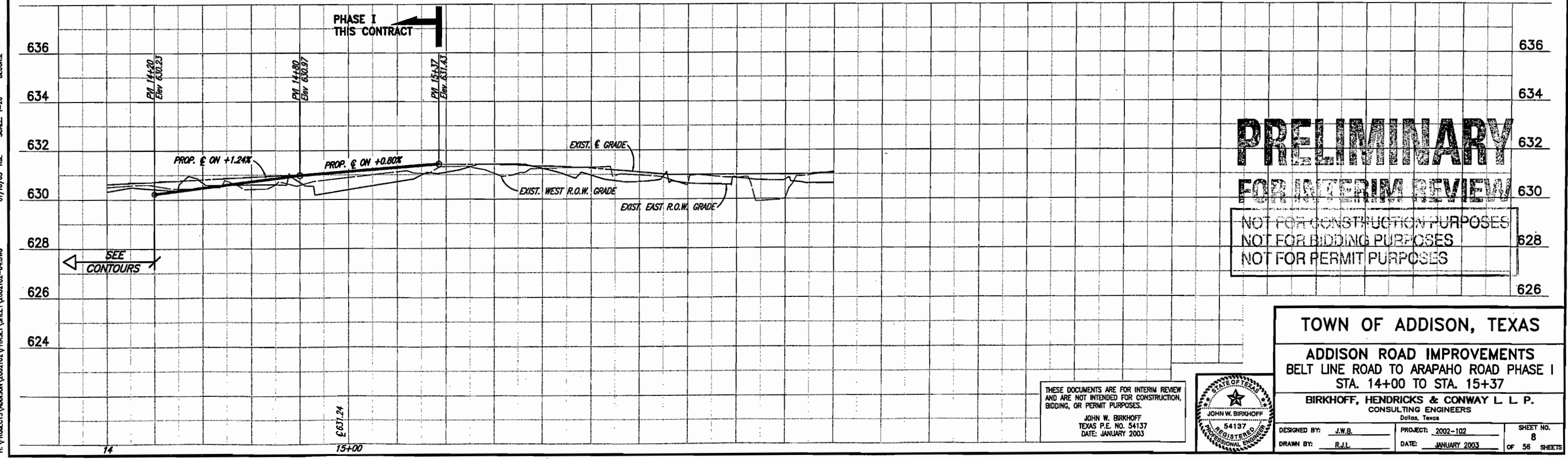


- B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79
- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STA. 14+00 TO STA. 15+37
BIRKHOFF, HENDRICKS & CONWAY L.L.P.
 CONSULTING ENGINEERS
 Dallas, Texas

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 JOHN W. BIRKHOFF
 TEXAS P.E. NO. 54137
 DATE: JANUARY 2003



DESIGNED BY: J.W.B. PROJECT: 2002-102 SHEET NO. 8
 DRAWN BY: R.J.L. DATE: JANUARY 2003 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE I\SHEET\2002102-04.DWG 01/16/03 R.L. SCALE: 1"=20' BLOCKS:

WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

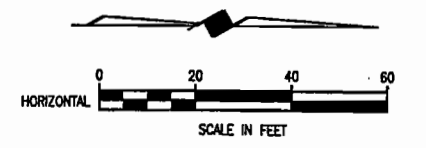
WARNING ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING TELEVISION BURIED CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING S.W. BELL BURIED TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT



CALL US BEFORE YOU DIG

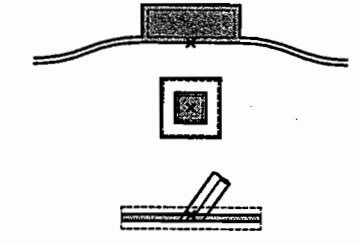


B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., STA. 9+87, 52 FEET RT. ELEV. 628.79

INLET REFERENCE POINT



EXISTING STORM SEWER PIPE REMOVAL



- NOTES:**
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
 - USED 1978 ADDISON ROAD AND KELLER SPRINGS CONSTRUCTION PLANS TO SHOW APPROXIMATE LOCATION AND DEPTH OF EXISTING STORM SEWER SHOWN IN THE PLANS, ALONG WITH LOCATING AND MEASURING THE DEPTH OF EXISTING STORM SEWER STRUCTURES.

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NOT FOR PERMIT PURPOSES

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

DATE: _____

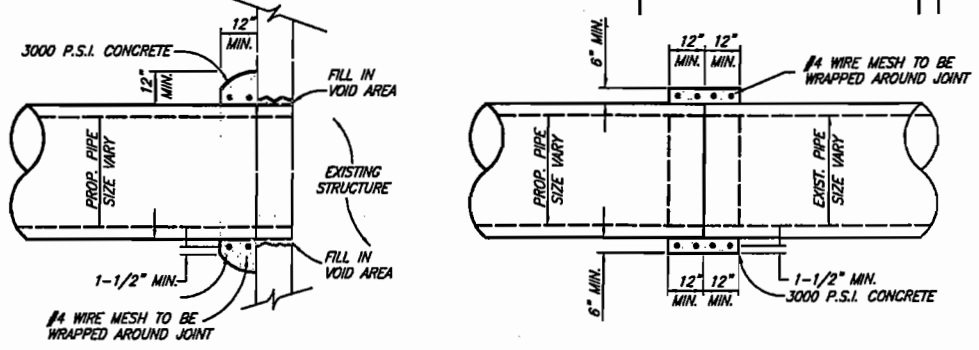
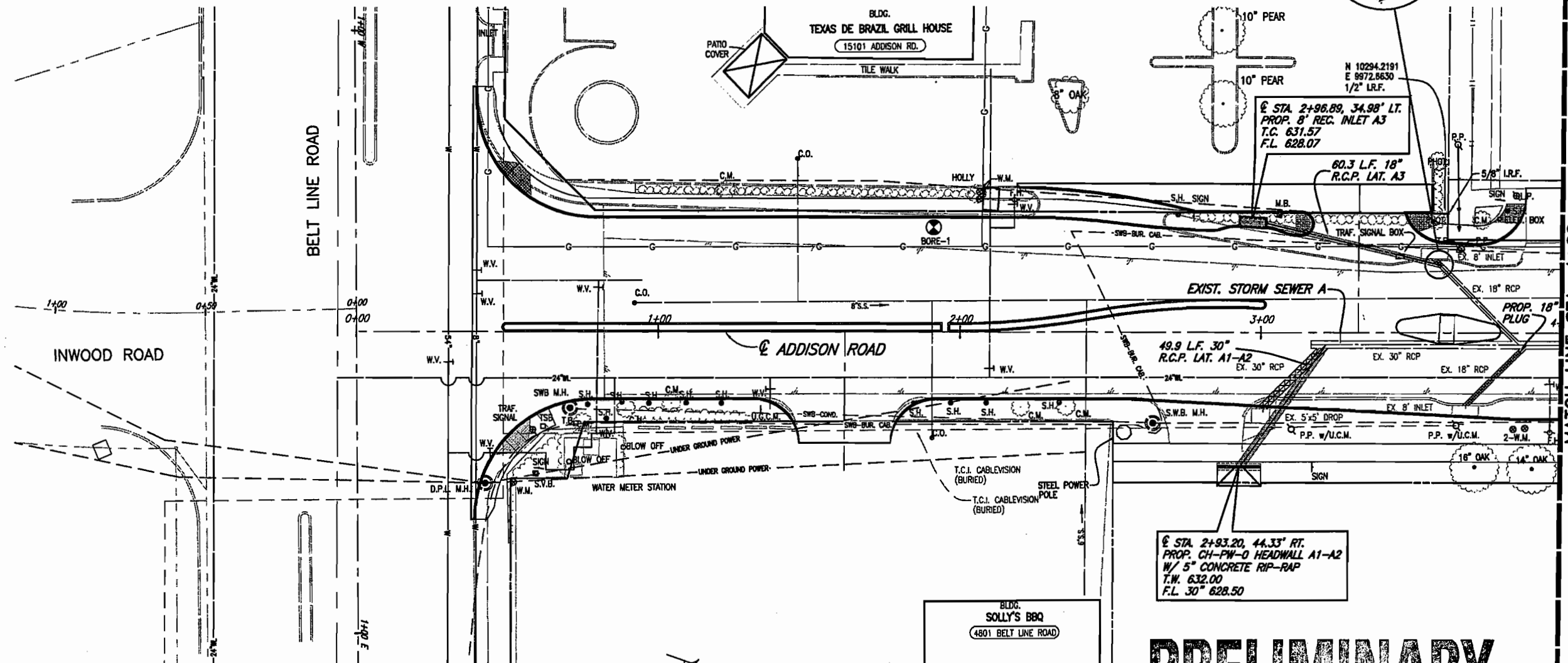


TOWN OF ADDISON, TEXAS

**ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 0+00 TO STA. 4+00**

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

DESIGNED BY: J.W.B. PROJECT: 2002.102 SHEET NO. 36
DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS



**DETAIL OF PIPE CONNECTION
W/ EXISTING PIPE OR STRUCTURE**

INSIDE JOINT SHALL BE CONCRETE MORTAR IF PIPE SIZES ARE DIFFERENT

WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

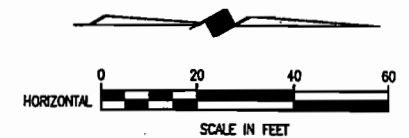
WARNING
ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
TELEVISION
BURIED CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

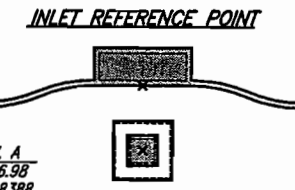
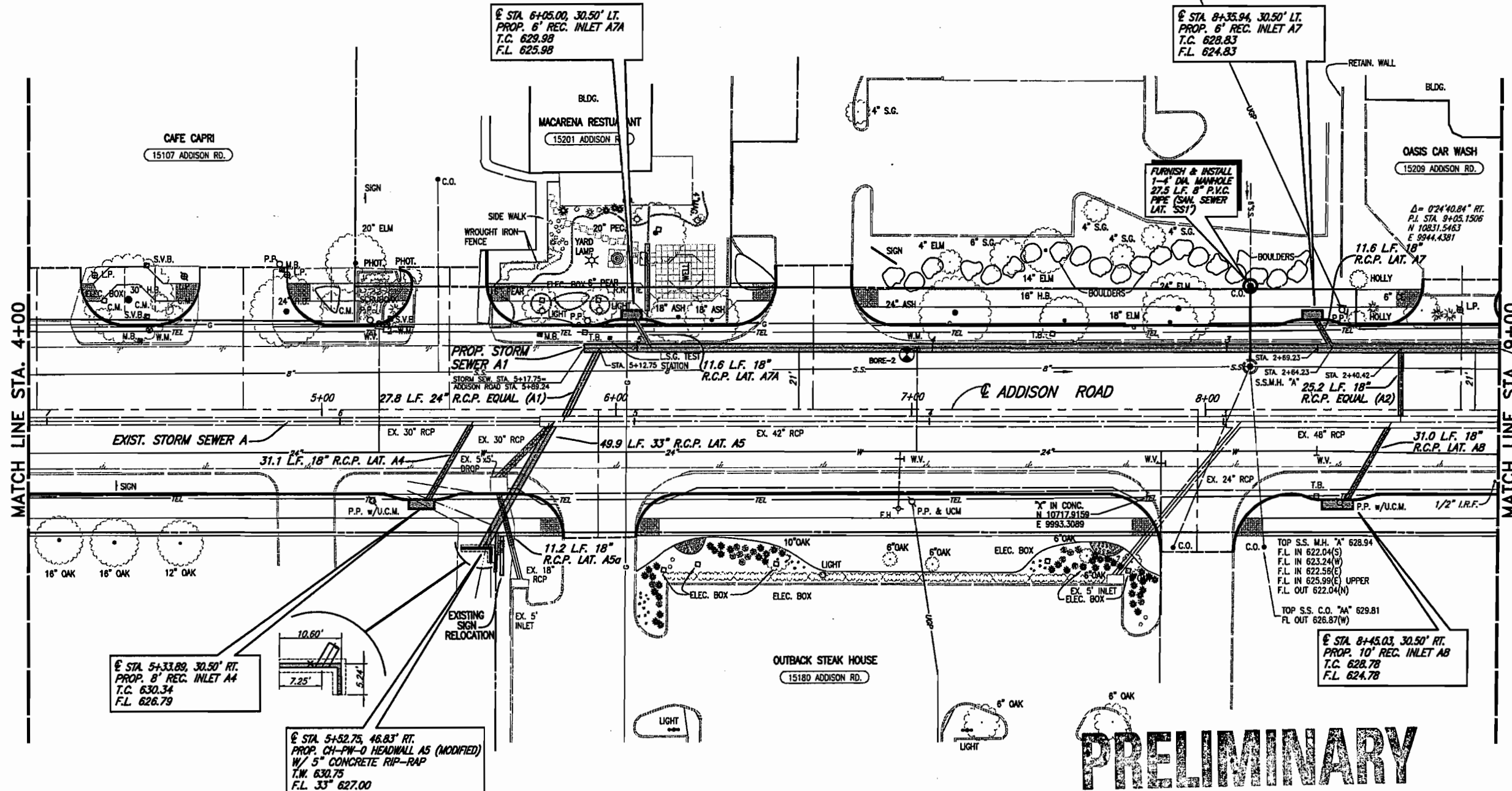
WARNING
S.W. BELL BURIED
TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT



CALL US BEFORE YOU DIG



- B.M.#19 "□" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "□" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "□" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



EXISTING STORM SEWER PIPE REMOVAL
XXXXXXXXXXXX

- NOTES:**
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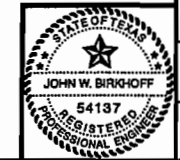
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NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

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

DATE: _____



TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 4+00 TO STA. 9+00

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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 37
DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002\02\PHASE1\20021025\1-02.DWG 01/17/03 R.L. SCALE: 1"=X

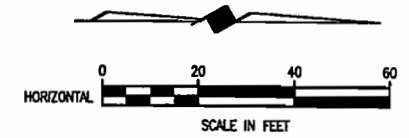
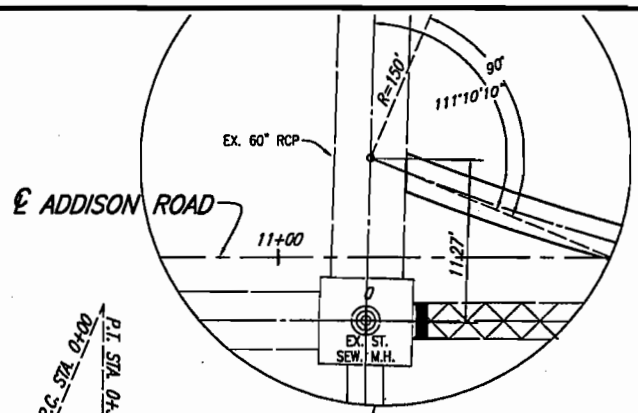
WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
TELEVISION
BURIED CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
S.W. BELL BURIED
TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

**CALL US
BEFORE YOU DIG**

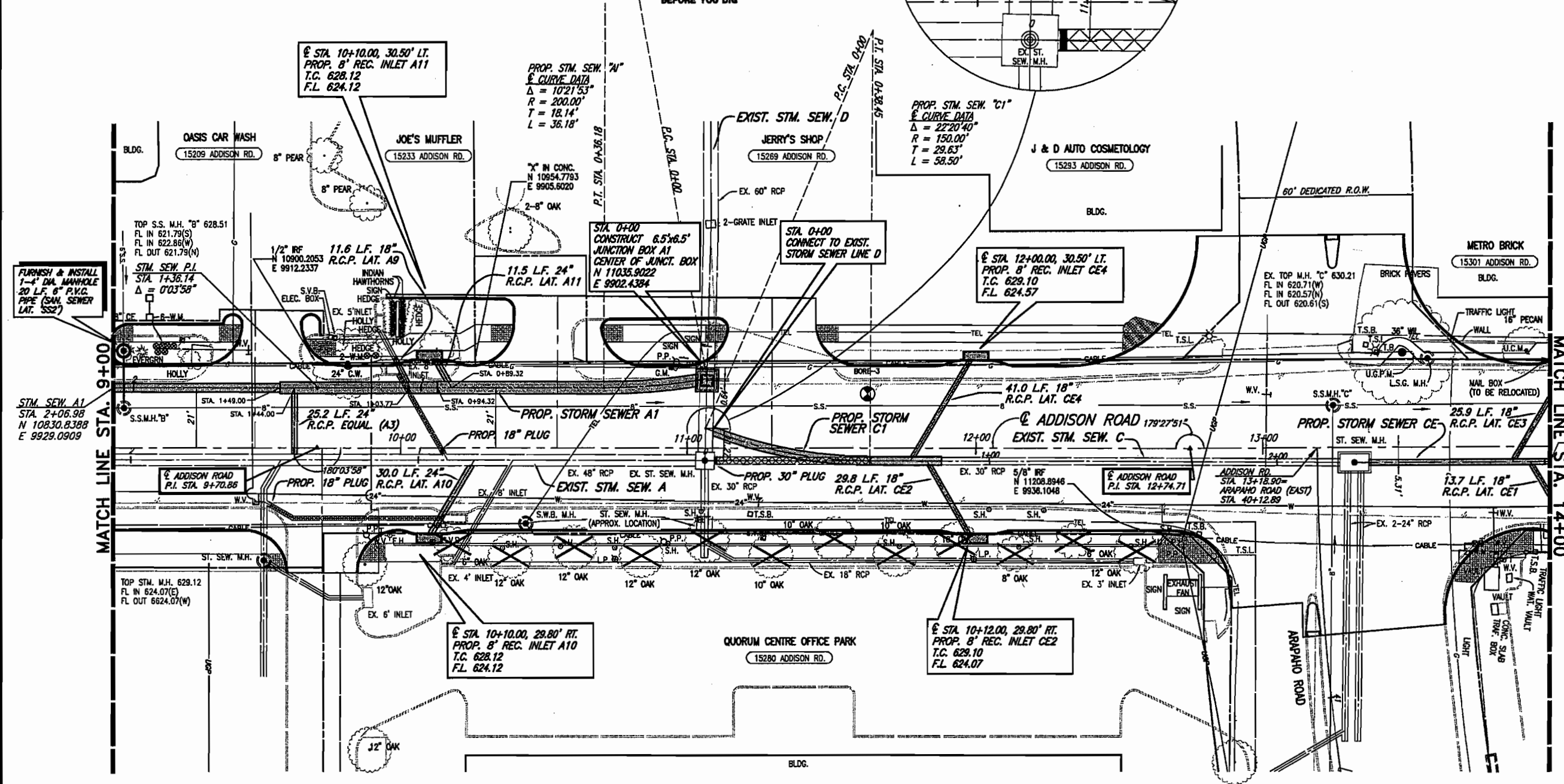


B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79

T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38



TREE REMOVAL

INLET REFERENCE POINT

EXISTING STORM SEWER PIPE REMOVAL

- NOTES:**
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
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NOT FOR PERMIT PURPOSES

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JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: JANUARY 2003



TOWN OF ADDISON, TEXAS

**ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 9+00 TO STA. 14+00**

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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 38
DRAWN BY: R.J.L. DATE: JANUARY 2003 OF 56 SHEETS

SCALE: 1"=20' 01/17/03 R.L. H:\PROJECTS\ADDISON\2002\02\PHASE1\02\STIM-03.DWG

WARNING!!
EXPLORER'S 12-INCH
HIGH PRESSURE
PETROLEUM PRODUCTS
PIPELINE. CONTACT
GREENVILLE AREA
SUPERVISOR AT (903) 527-1267
AT LEAST 48 HOURS
PRIOR TO ANY CONSTRUCTION
NEAR PIPELINE

WARNING
ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

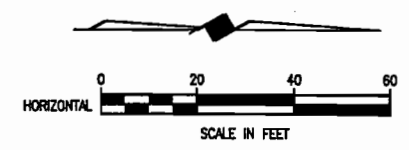
WARNING
ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
M.C.I.
BURIED FIBER OPTICS
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

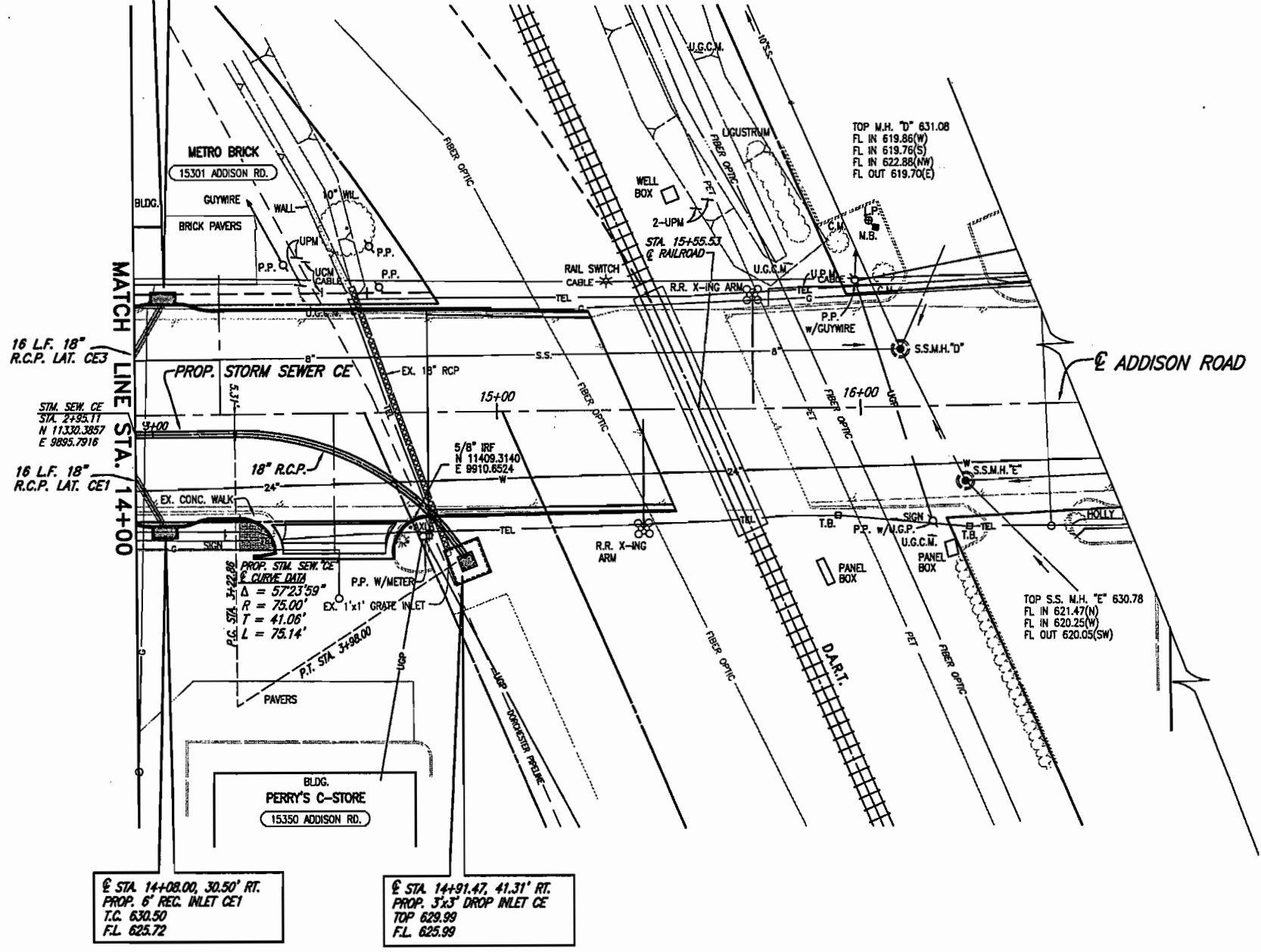
WARNING
SPRINT
BURIED FIBER OPTICS
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
DORCHESTER
PIPELINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

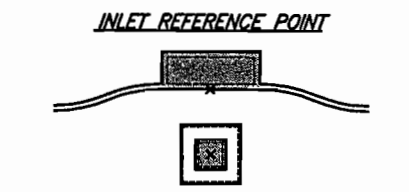
WARNING
S.W. BELL BURIED
TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT



© STA. 14+08.00, 30.50' LT.
PROP. 6" REC. INLET CE3
T.C. 630.50
F.L. 625.72



- B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79
- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38



- NOTES:
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
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NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

H:\PROJECTS\ADDISON\2002102\PHASE1\200210251M-04.DWG 01/15/03 R.L. SCALE: 1"=20'

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JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: JANUARY 2003



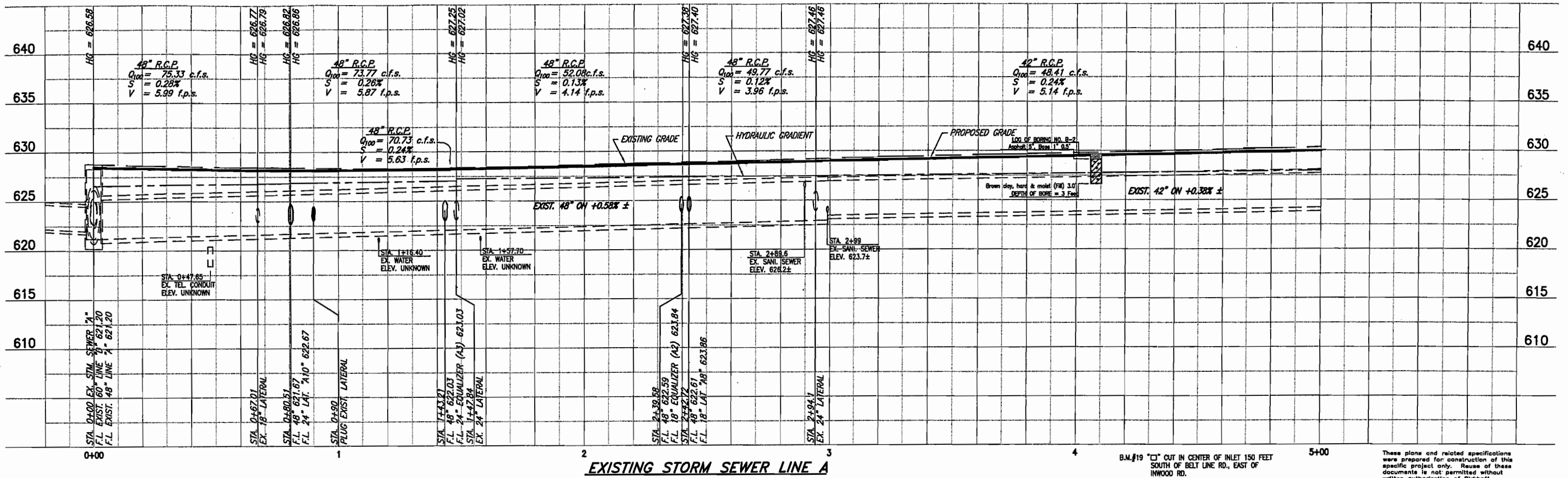
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
ARAPAHO ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 14+00 TO STA. 15+37

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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 39
DRAWN BY: R.J.L. DATE: JANUARY 2003 OF 56 SHEETS

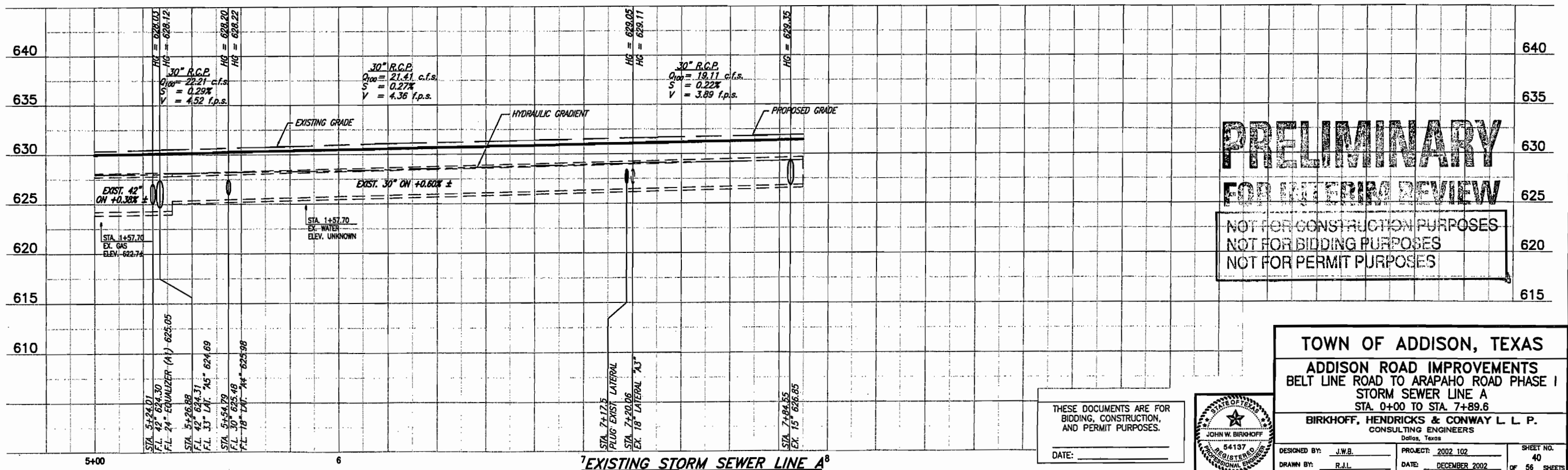
H:\PROJECTS\ADDISON\2002\02\PHASE I\DRAINAGE\STM-SHEETS\2002\02\STM-1.DWG 01/14/03 R.L. SCALE: 1"=20' BLOCKS: ESTIM-A-1, ESTIM-A-2



EXISTING STORM SEWER LINE A

B.M. #19 "□" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
 T.B.M. AR-1 "□" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
 T.B.M. AR-2 "□" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., § STA. 9+87, 52 FEET RT. ELEV. 628.79

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EXISTING STORM SEWER LINE A^B

PRELIMINARY
FOR INTERIM REVIEW
 NOT FOR CONSTRUCTION PURPOSES
 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

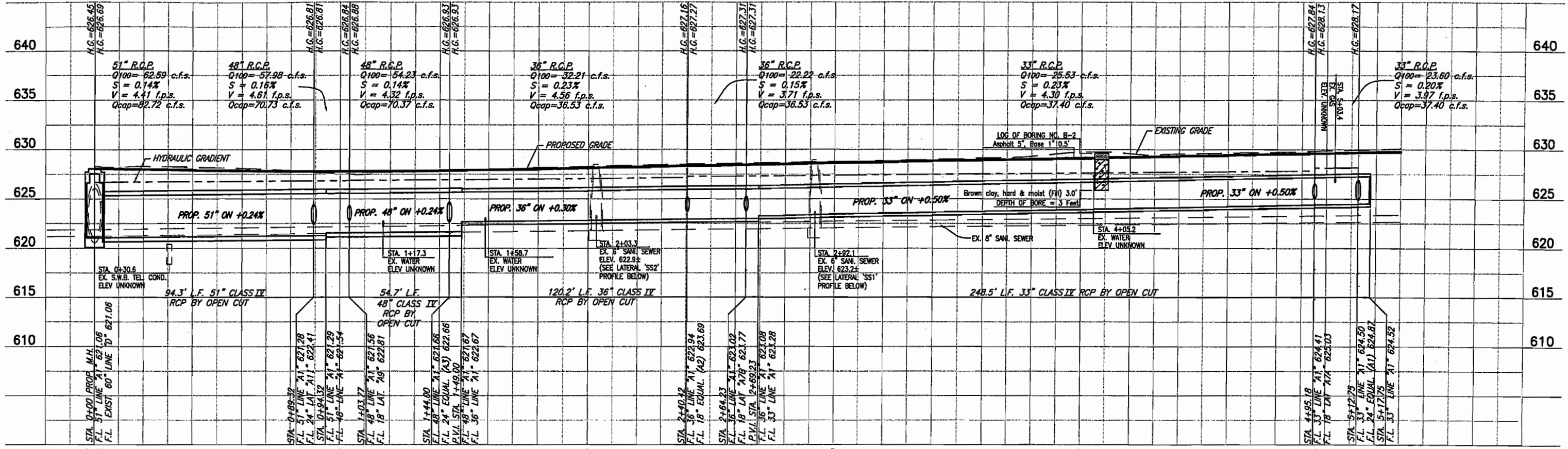
THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____



TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER LINE A
 STA. 0+00 TO STA. 7+89.6
BIRKHOFF, HENDRICKS & CONWAY L. L. P.
 CONSULTING ENGINEERS
 Dallas, Texas

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 40
 DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

PROJECT: ADDISON (2002102) PHASE: DRAINAGE (STM-SHEET) IS: 2002102STM-2.DWG 01/14/03 R.L. SCALE: 1"=20' BLOCKS: PROP-A1, SANSEW-LAT-1, SANSEW-LAT-2

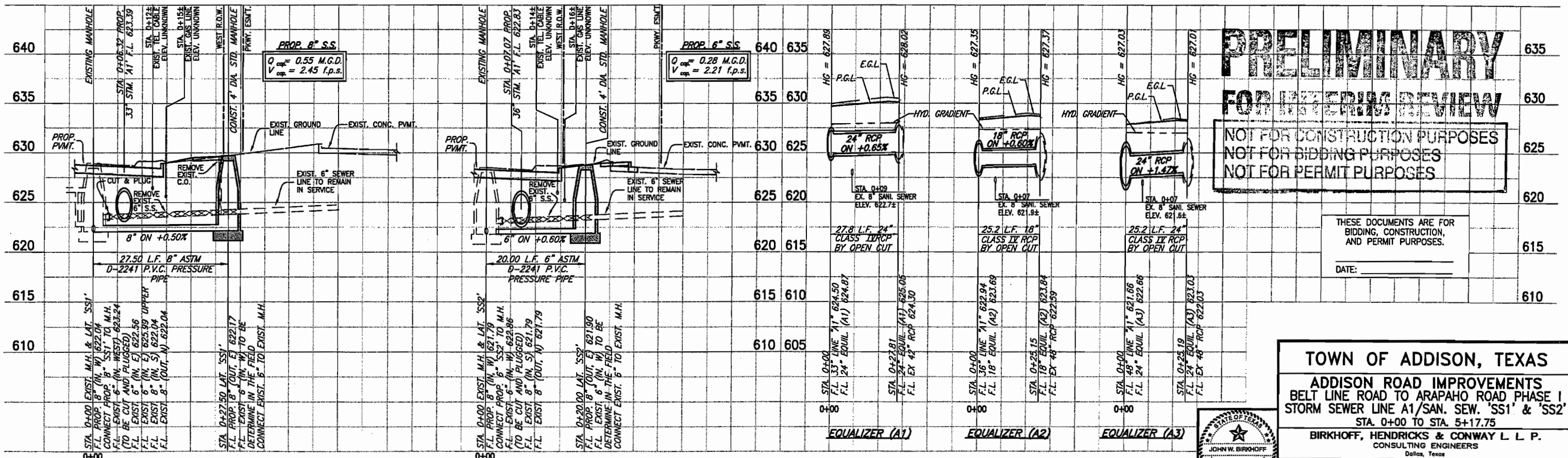


PROPOSED STORM SEWER LINE A1

SCALE: 1"=20' HORIZ.
1"=5' VERT.

T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD. & STA. 9+87.52 FEET RT. ELEV. 628.79

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8" SANITARY SEWER LATERAL 'SS1'

SCALE: 1"=10' HORIZ.
1"=5' VERT.

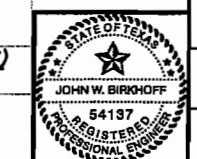
6" SANITARY SEWER LATERAL 'SS2'

SCALE: 1"=10' HORIZ.
1"=5' VERT.

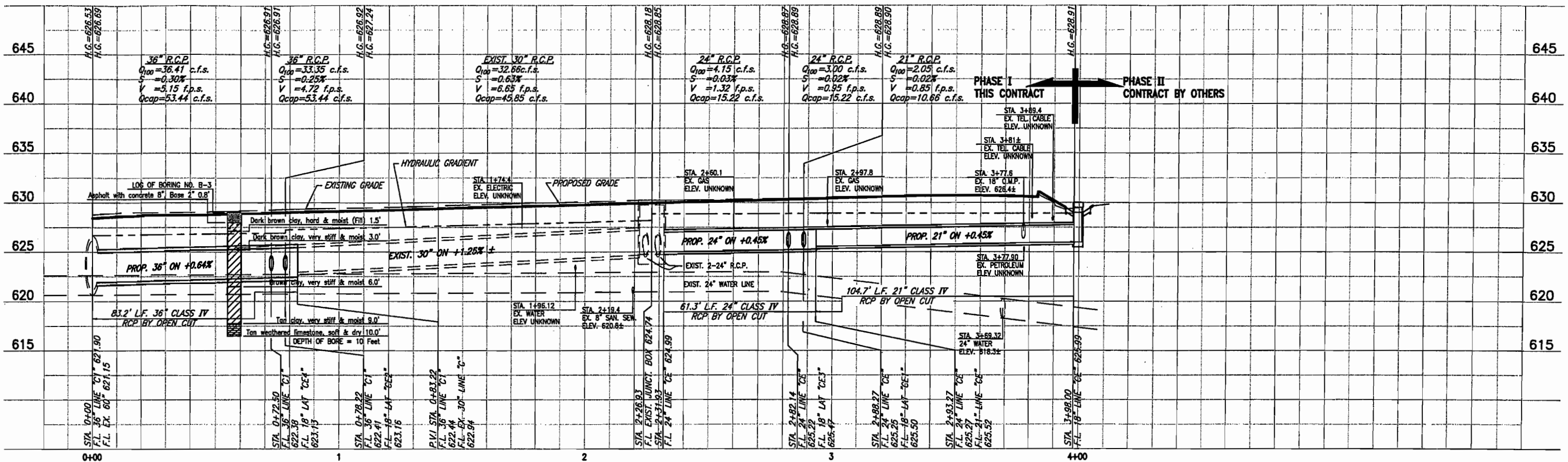
PRELIMINARY
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NOT FOR PERMIT PURPOSES

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DATE: _____

TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER LINE A1/SAN. SEW. 'SS1' & 'SS2'
STA. 0+00 TO STA. 5+17.75
BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas



H:\PROJECTS\ADDISON\2002\02\PHASE1\DRAINAGE\STM-SHEETS\20021025TM-10W BLOCKS PROP-C1 01/15/03 R.L. SCALE: 1"=20' 01/15/03 R.L.



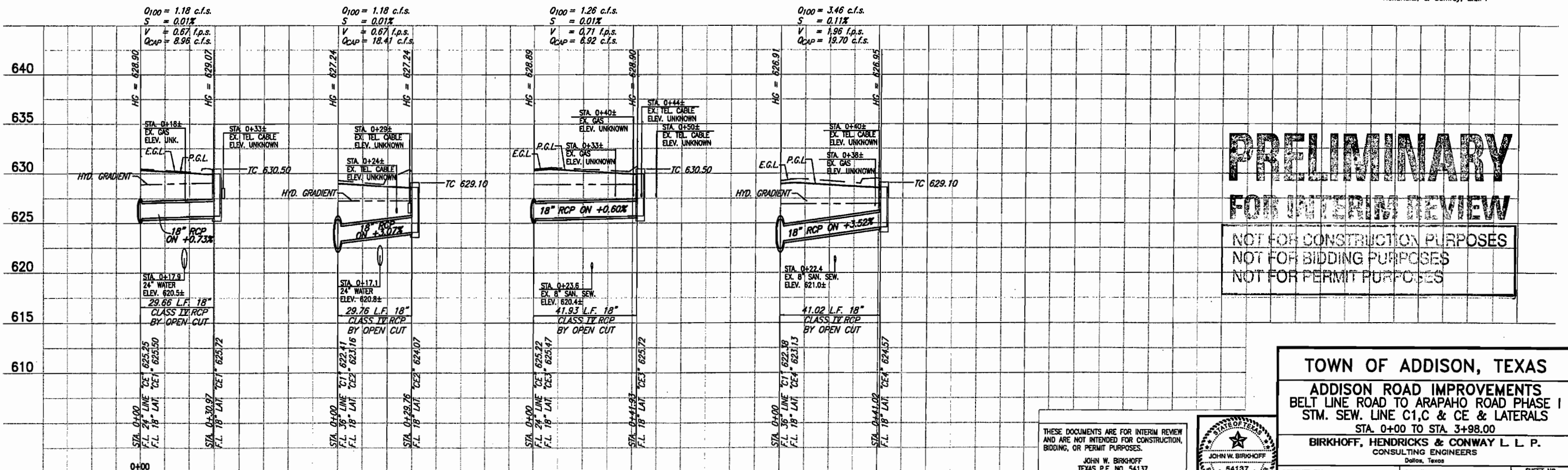
0+00 1 2 3 4+00

PROPOSED STORM SEWER LINE C1 EXISTING STORM SEWER LINE C PROPOSED STORM SEWER LINE CE

STORM SEWER LINE C1 & PROPOSED CE

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79

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LATERAL "CE1" LATERAL "CE2" LATERAL "CE3" LATERAL "CE4"

PRELIMINARY
FOR INTERIM REVIEW
 NOT FOR CONSTRUCTION PURPOSES
 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

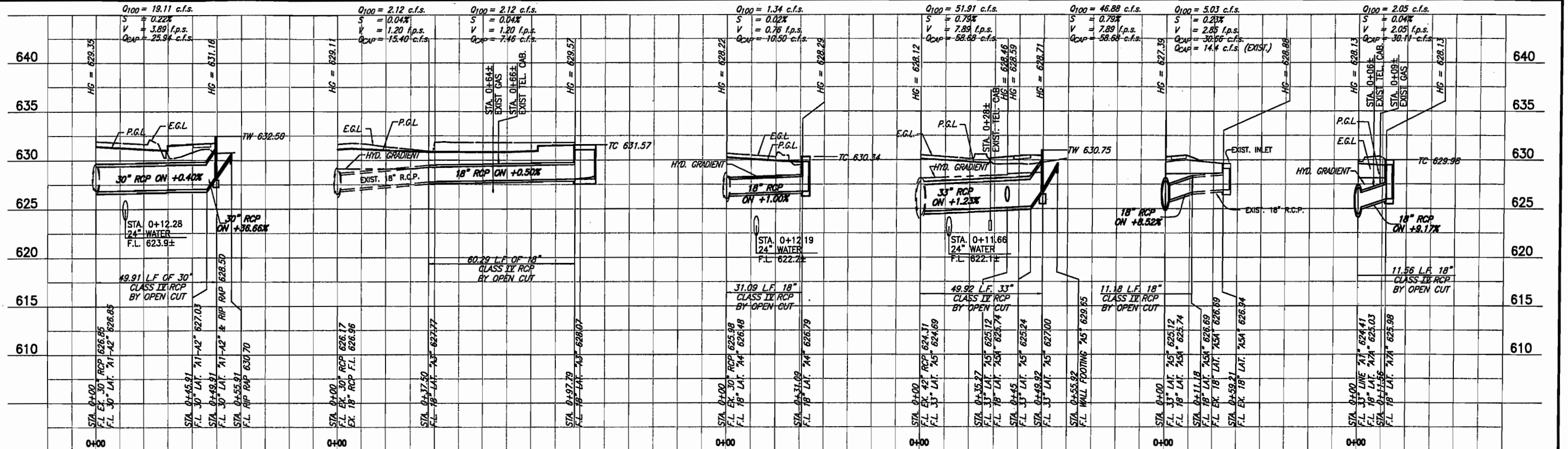
TOWN OF ADDISON, TEXAS
 ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STM. SEW. LINE C1,C & CE & LATERALS
 STA. 0+00 TO STA. 3+98.00
 BIRKHOFF, HENDRICKS & CONWAY L L P.
 CONSULTING ENGINEERS
 Dallas, Texas

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
 JOHN W. BIRKHOFF
 TEXAS P.E. NO. 54137
 DATE: JANUARY 2003



DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 42
 DRAWN BY: R.J.L. DATE: JANUARY 2003 OF 58 SHEETS

PROJECT: ADDISON 2002102 PHASE I URNANAGE LATERALS LATERALS 2002102A1-1.DWG 12/18/02 R.L. SCALE: 1"=20'



LATERAL "A1-A2"

LATERAL "A3"

LATERAL "A4"

LATERAL "A5"

LATERAL "A5A"

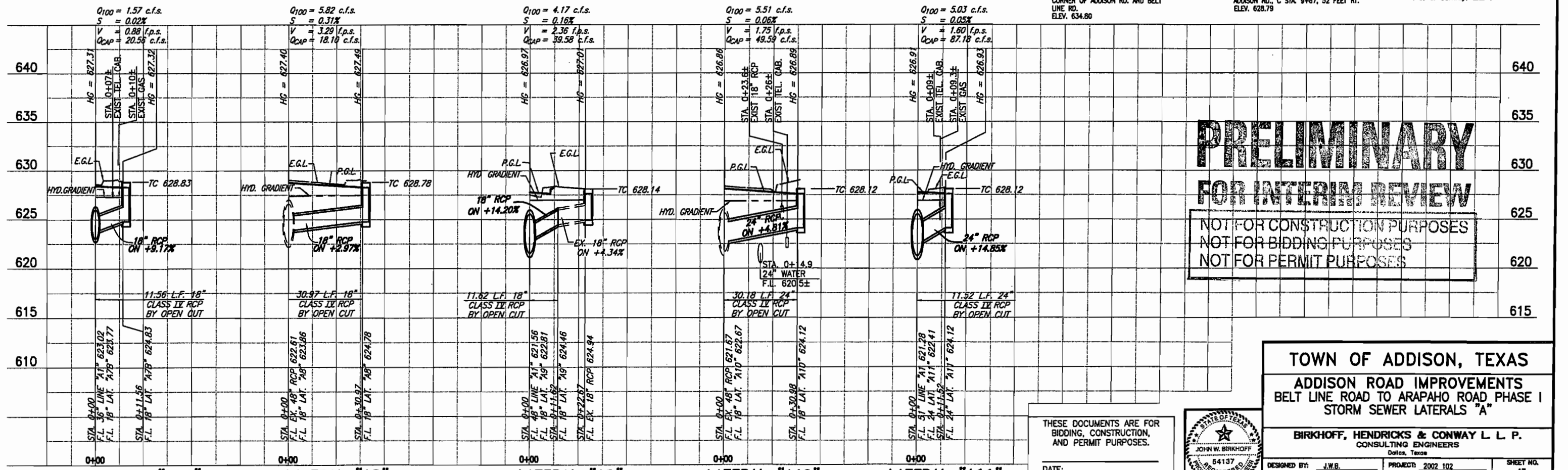
LATERAL "A7A"

B.M. #19 "□" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

T.B.M. AR-1 "□" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "□" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., C STA. 9+87, 52 FEET RT. ELEV. 628.79

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LATERAL "A7B"

LATERAL "A8"

LATERAL "A9"

LATERAL "A10"

LATERAL "A11"

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FOR INTERIM REVIEW
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 NOT FOR PERMIT PURPOSES

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____

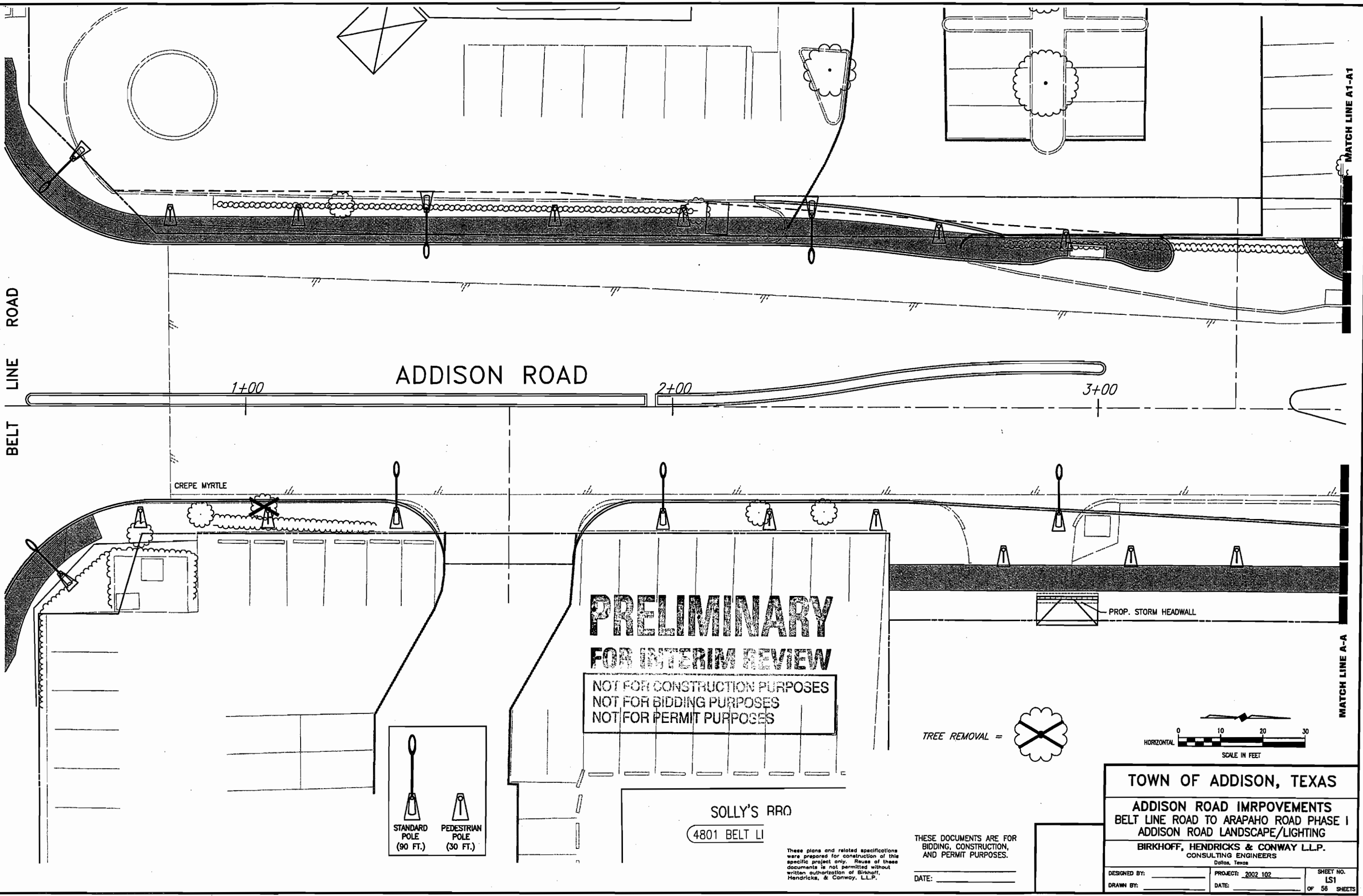


TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER LATERALS "A"

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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 43
 DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SH1.DWG 02/04/04 R.L. SCALE: 1=10



ADDISON ROAD

1+00

2+00

3+00

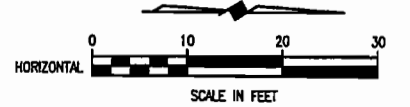
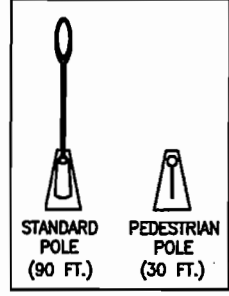
CREPE MYRTLE

**PRELIMINARY
FOR INTERIM REVIEW**

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

SOLLY'S RRO
4801 BELT LI

PROP. STORM HEADWALL



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: _____	PROJECT: 2002 102	SHEET NO. LS1
DRAWN BY: _____	DATE: _____	OF 58 SHEETS

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DATE: _____

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BELT LINE ROAD

MATCH LINE A1-A1

MATCH LINE A-A

H:\PROJECTS\ADDISON\2002\02\PHASE1\LANDSCAPE\LANDSCAPE-SH2.DWG 03/02/04 R.L. SCALE 1:10

MATCH LINE A1-A1

MATCH LINE B1-B1

MATCH LINE A-A

MATCH LINE B-B

CAFE CAPRI

15107 ADDISON RD.

FILLING STATION RESTUARANT

15201 ADDISON RD.

SIDE WALK

FOUNTAIN

YARD LAMP

WELL

24" HACK.

18" ASH 18" ASH

4+00

5+00

6+00

ADDISON ROAD

4901 BELT LINE ROAD

PROP. STORM HEADWALL

**PRELIMINARY
FOR INTERIM REVIEW**

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

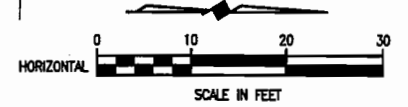
TREE REMOVAL =



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

DATE: _____



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: _____ PROJECT: 2002 102 SHEET NO. LS2
DRAWN BY: _____ DATE: _____ OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SH3.DWG 03/02/04 R.L. SCALE: 1=10

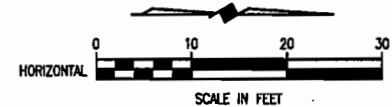
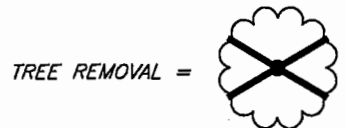
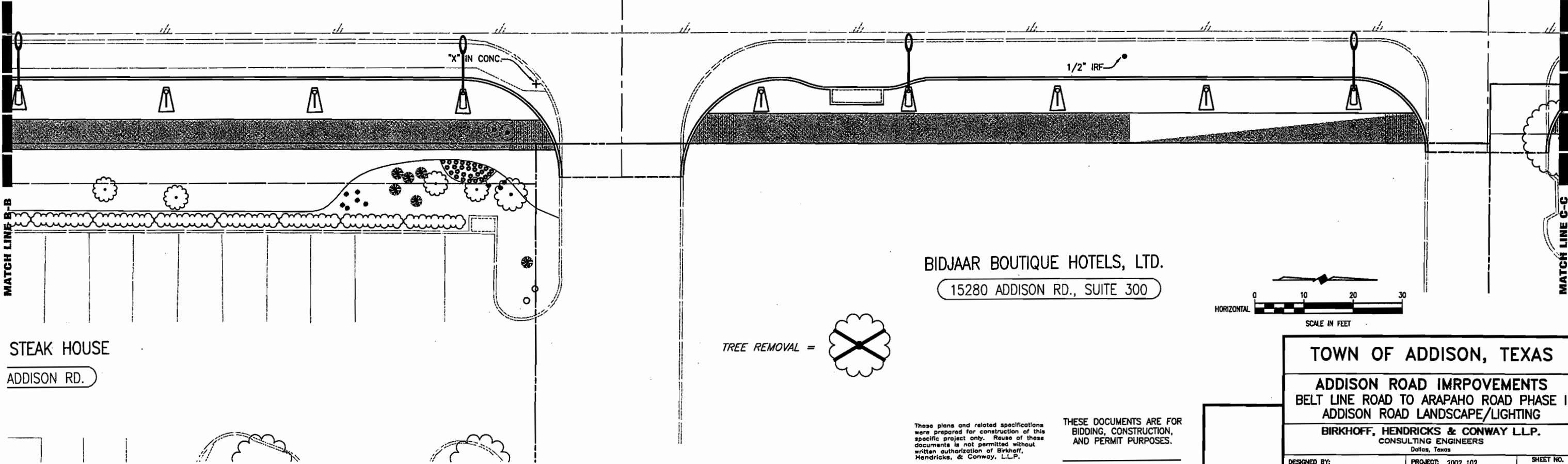
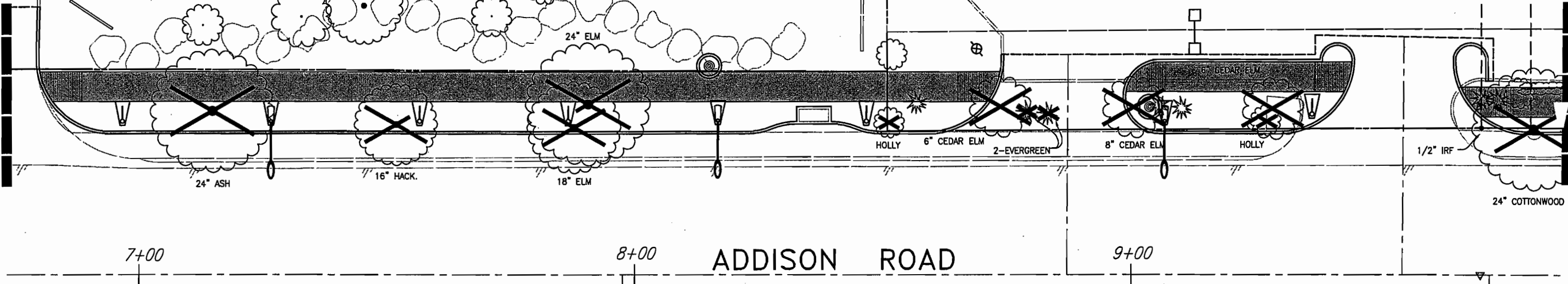
SAMBUCA CAFE
15207 ADDISON RD.

PRELIMINARY
FOR INTERIM REVIEW

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

MATCH LINE B1-B1

MATCH LINE C1-C1



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: _____	PROJECT: 2002 102	SHEET NO. LS3
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002\02\PHASE1\LANDSCAPE\LANDSCAPE-SHOWING 03/02/04 R.L. SCALE: 1"=10'

MATCH LINE C1-C1

MATCH LINE C-C

MATCH LINE D1-D1

MATCH LINE D-D

J & D AUTO COSMETOLOG
15293 ADDISON RD.

JOE'S MUFFLER
15233 ADDISON RD.

JERRY'S SHOP
15269 ADDISON RD.

ADDISON ROAD

QUORUM CENTRE OFFICE PARK
15280 ADDISON RD.

18" OAK

5/8" IRF

6" OAK

10" OAK

10" OAK

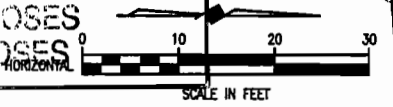
12" OAK

12" OAK

6" OAK

**PRELIMINARY
FOR INTERIM REVIEW**

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES



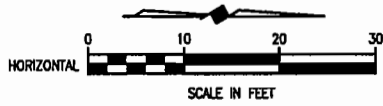
TREE REMOVAL =

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BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.

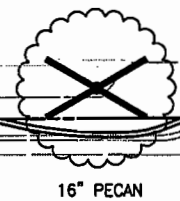
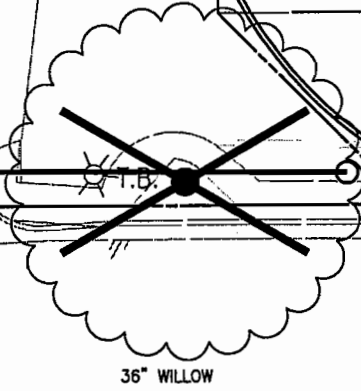
DATE: _____

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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: _____	PROJECT: 2002 102	SHEET NO. LS4
DRAWN BY: _____	DATE: _____	OF 56 SHEETS



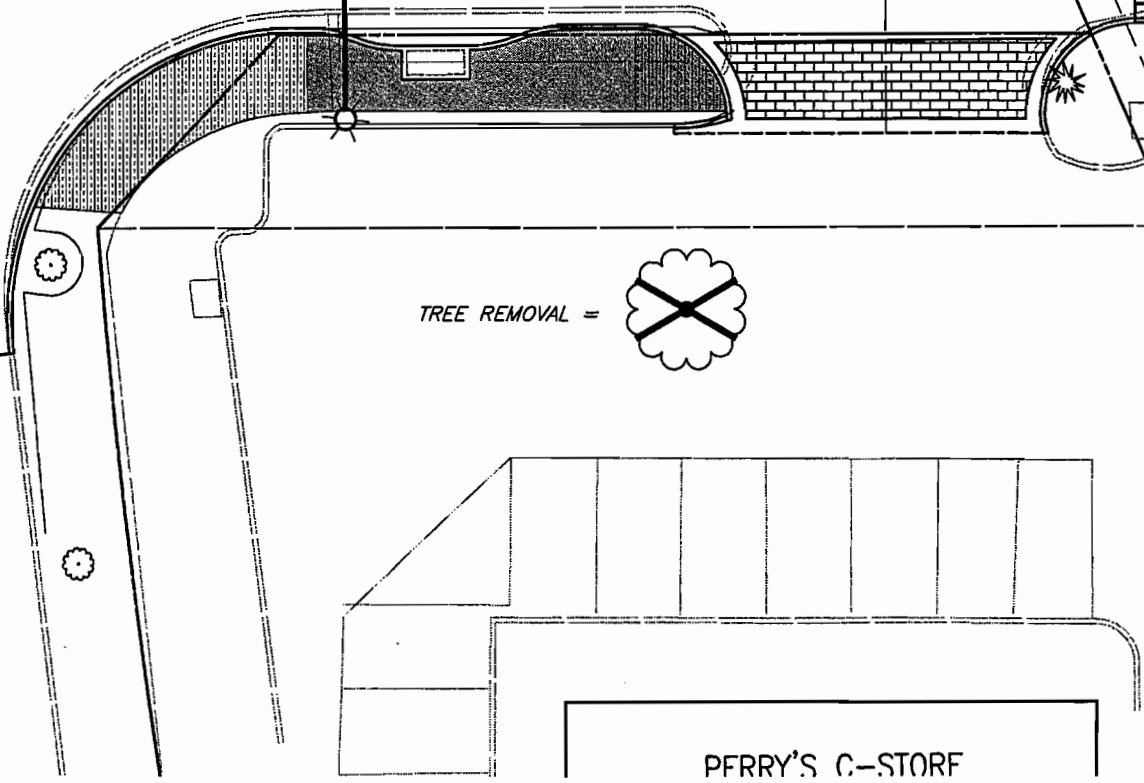
METRO BRICK
15301 ADDISON RD.



14+00 ADDISON ROAD

15+00

16+00



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FOR INTERIM REVIEW**

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NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

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

DATE: _____

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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: _____	PROJECT: 2002 102	SHEET NO. L55
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SIS.DWG 03/02/04 R.L. SCALE: 1=10

MATCH LINE D1-D1

MATCH LINE D-D

ARAPAHO ROAD

41

U.G.C. PAT

12" EXPL

SPRINT FIBER OPTICS

M.C.I. FIBER OPTICS

M.C.I. FIBER OPTICS

D.A.R.T.

U.G.C.M.

Jenny Nicewander

From: Steve Chutchian
Sent: Thursday, April 14, 2005 6:25 AM
To: Jenny Nicewander
Subject: FW: Addison Road Lighting Utility Coordination



Addison Road
Revisions 13 Apr ...

Jenny: I didn't read anything ominous in this email. Does it sound good to you? Thanks.

steve c.

-----Original Message-----

From: John Birkhoff [mailto:JBirkhoff@BHCLLP.COM]
Sent: Wednesday, April 13, 2005 5:30 PM
To: Jenny Nicewander; Steve Chutchian
Subject: Fwd: Addison Road Lighting Utility Coordination

FYI on Addison Road TXU service

>>> "Jerri Neese" <jneese@camposengineering.com> 4/13/2005 3:46:22 PM

>>>

Good afternoon John,

I met with Mr. James Davis of TXU this afternoon in order to coordinate. The results of our meeting are as follows:

Drawing E-1:

We will be required to relocate (1) roadway fixture approximately 5' to the north. Refer to attached drawings for information.

The location of the power service will be shifted south towards Belt Line Road. Refer to attached drawings for information. We will recalculate our voltage drop based on this location and adjust as necessary.

Drawing E-2:

TXU currently proposes to trench and cross Addison Road at the approximate location previously shown for our crossing. We will review to see if this location is reasonable in light of the relocation of our power drop. If this crossing will work, we will provide notes for our contractor to coordinate with TXU to include a conduit for the roadway lighting. Refer to attached drawings for information.

Drawing E-3:

We will be required to relocate (1) roadway fixture approximately 5' to the south. Refer to attached drawings for information. Refer to attached drawings for information.

We will be required to replace (2) roadway fixtures with pedestrian fixtures in order to avoid interference with TXU. Refer to attached drawings for information.

The utility service indicated has been moved north, refer to drawing E-4 for location.

Drawing E-4:

We will be required to replace (1) roadway fixture with a pedestrian fixture in order to avoid interference with TXU. Refer to attached drawings for information.

Location for new utility service is indicated as relocated from drawing E-3.

General:

It should be verified that the roadway fixtures as currently configured are 45' in height and that as currently located are in compliance with the FAA glide path requirements. It is currently assumed that they are, please advise if this is not correct.

We will modify our drawings as required per the above comments. It should be noted that due to interference issues with TXU that at the corner of Addison Road and Arapaho Road that the lighting levels will be less than those for the remainder of Addison Road. It is assumed that this is understood by our client.

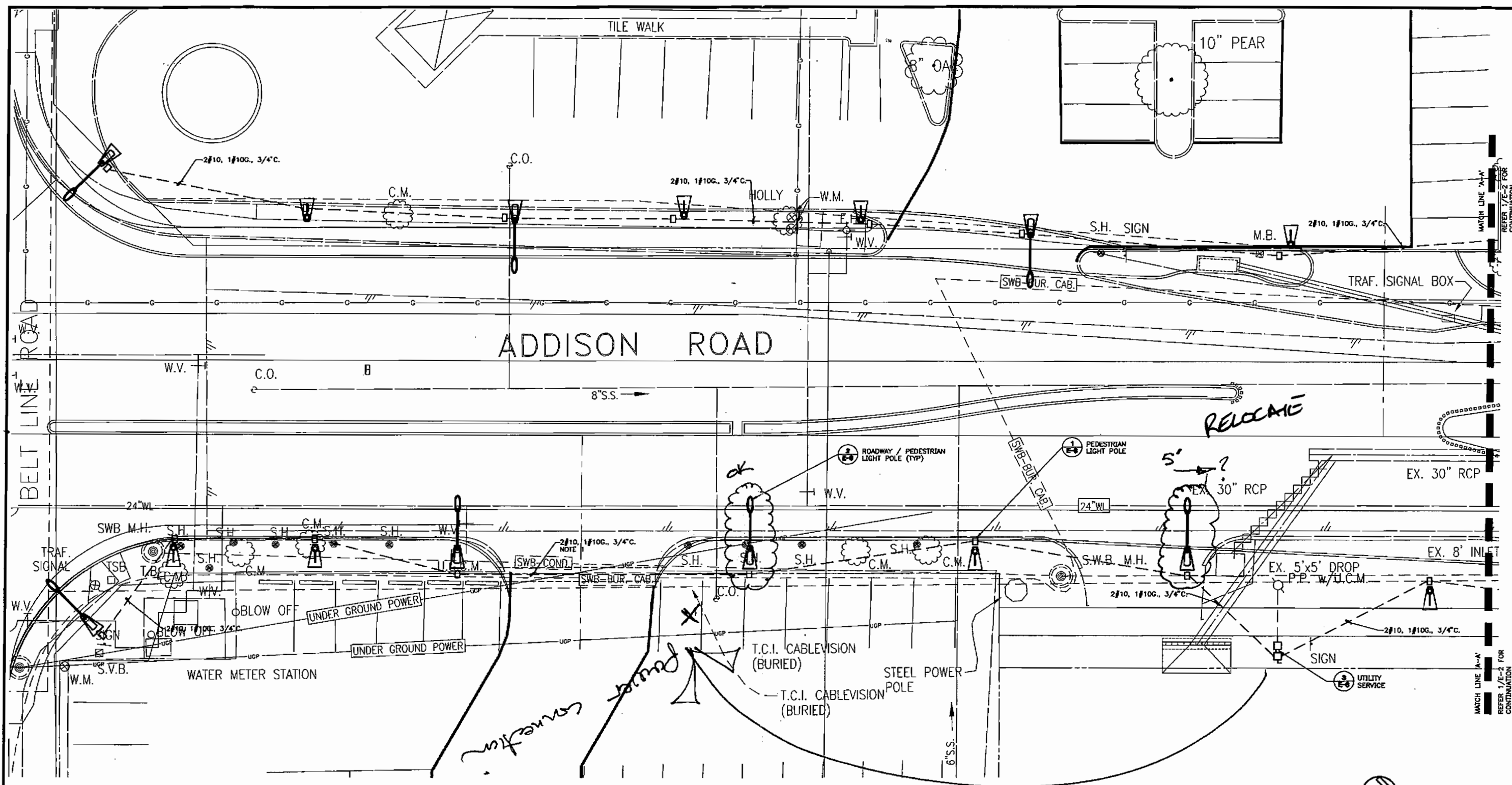
Should there be any questions in regard to the above, feel free to call or email as soon as possible so that we might resolve the issue. Please advise, based on no further modifications other than as outlined above when we should issue these documents.

Sincerely,
Jerri Neese, P.E.
Campos Engineering, Inc.
7430 Greenville Ave
Dallas, TX 75231
214.696.6291/361.6298 fax

<<Addison Road Revisions 13 Apr 05.PDF>>



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

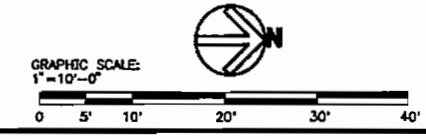
To excel in consulting municipal engineering
through creative, professional and ethical practice



1 ROADWAY LIGHTING - PART 'A'
SCALE: 1" = 10'-0"

*Power Service
MOVED SOUTH*

-  'SA' TYPICAL
-  'SB' TYPICAL



TOWN OF ADDISON, TEXAS

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

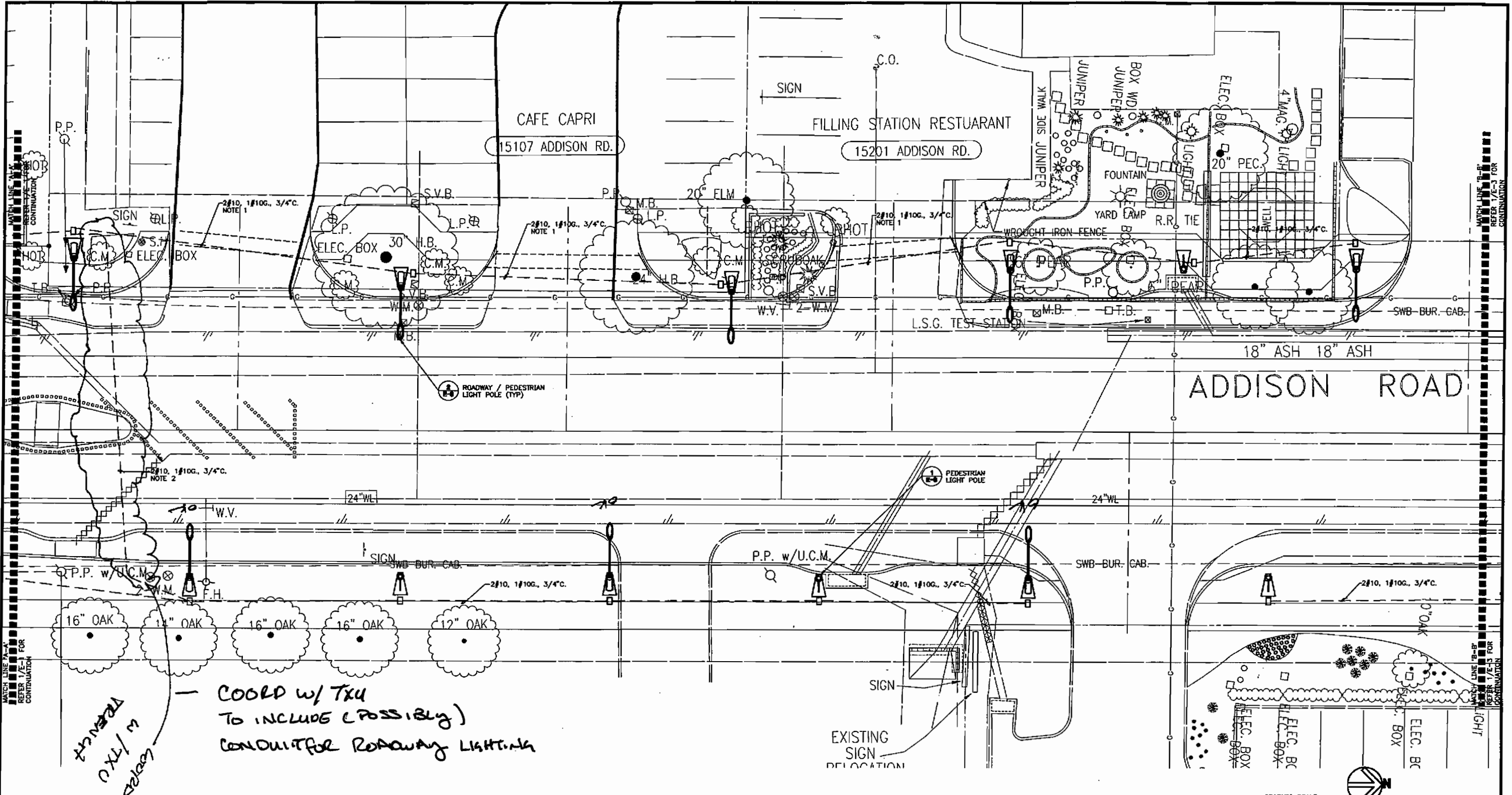
BIRKHOFF, HENDRICKS & CONWAY L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY:	PROJECT: 2002 102	SHEET NO. E-1
DRAWN BY:	DATE:	OF SHEETS

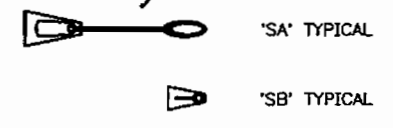
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CAMPOS ENGINEERING, Inc.
CONSULTING ENGINEERS
7402 Emerald Avenue
Dallas, Texas 75239
(214) 343-8387
(214) 343-8388 (FAX)

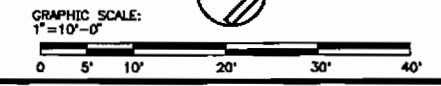
USER: KERRICK02001
 FILE NAME: L170104.DWG
 DATE: 10 APR 2004 - 1:47PM



*COULD w/ TXU
TO INCLUDE (POSSIBLY)
CONDUIT FOR ROADWAY LIGHTING*



1 ROADWAY LIGHTING - PART 'B-C'
SCALE: 1" = 10'-0"



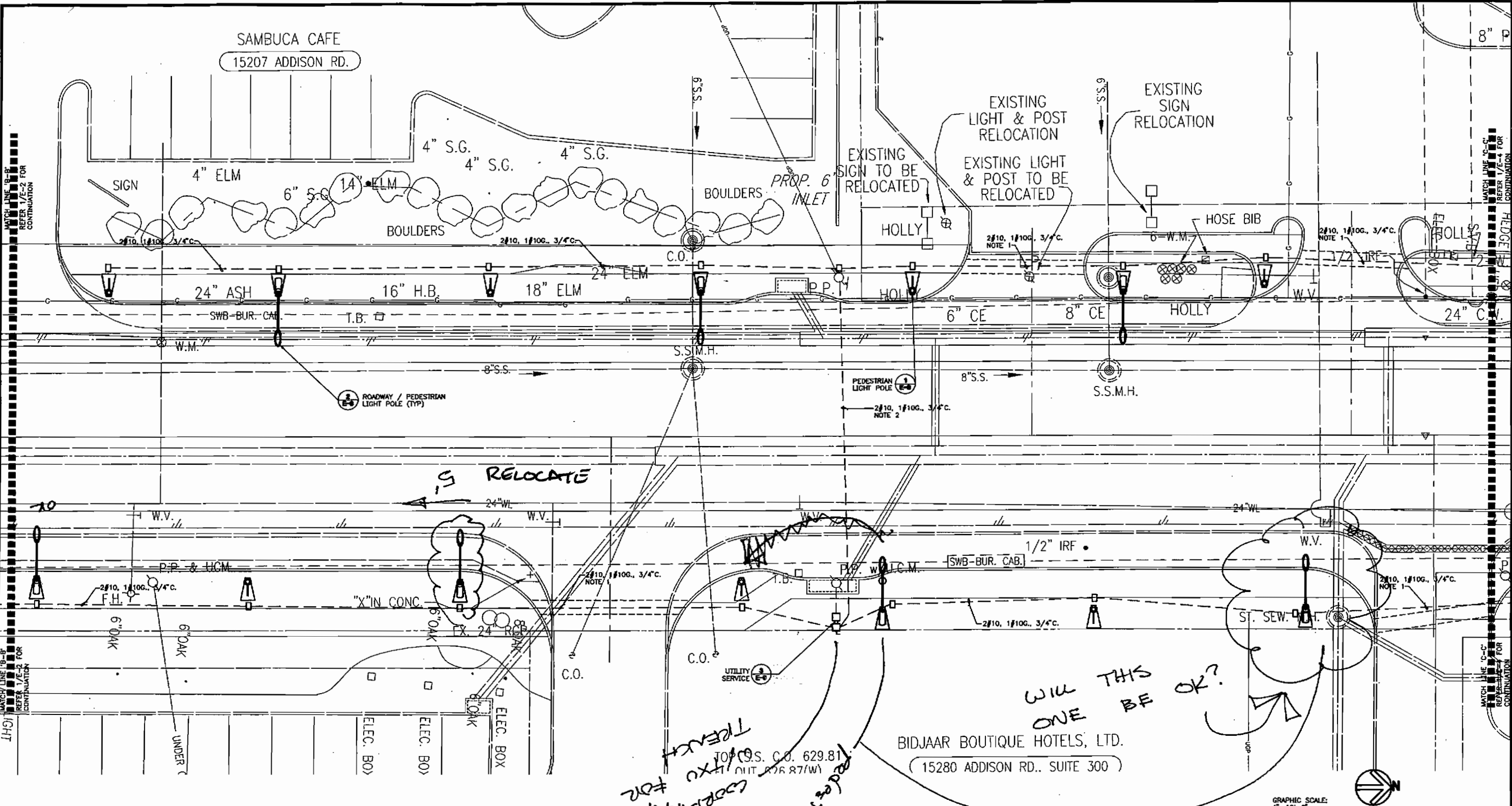
TOWN OF ADDISON, TEXAS		
ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I ADDISON ROAD LANDSCAPE/LIGHTING		
BIRKHOFF, HENDRICKS & CONWAY L.L.P. CONSULTING ENGINEERS Dallas, Texas		
DESIGNED BY:	PROJECT: 2002 002	SHEET NO. E-2
DRAWN BY:	DATE:	OF SHEETS

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JERRY C. HESSE P.E. TEXAS REGISTRATION #43847 DATE: 05/11/04

CAMPOS ENGINEERING, Inc.
CONSULTING ENGINEERS
2420 Quincey Avenue
Dallas, Texas 75221
(214) 341-0200 (FAX)

LIBRARY: 10/20/2004
FILE NAME: L:\2002\ADDISON ROAD\ADDISON ROAD\ADDISON RD\15107-15201.DWG
DATE: 13 APR 2002 11:47PM

SAMBUCA CAFE
15207 ADDISON RD.



1 ROADWAY LIGHTING - PART B-C
SCALE: 1" = 10'-0"

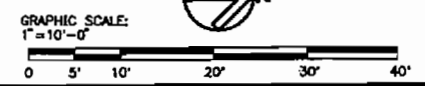
- 'SA' TYPICAL
- 'SB' TYPICAL

Handwritten notes:
COORDINATE
TRENCH
FOR
PEDESTRIAN
POLES
ONLY

Handwritten note:
WILL THIS
ONE BE OK?

Handwritten note:
REPLACE W/
PEP POLES

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



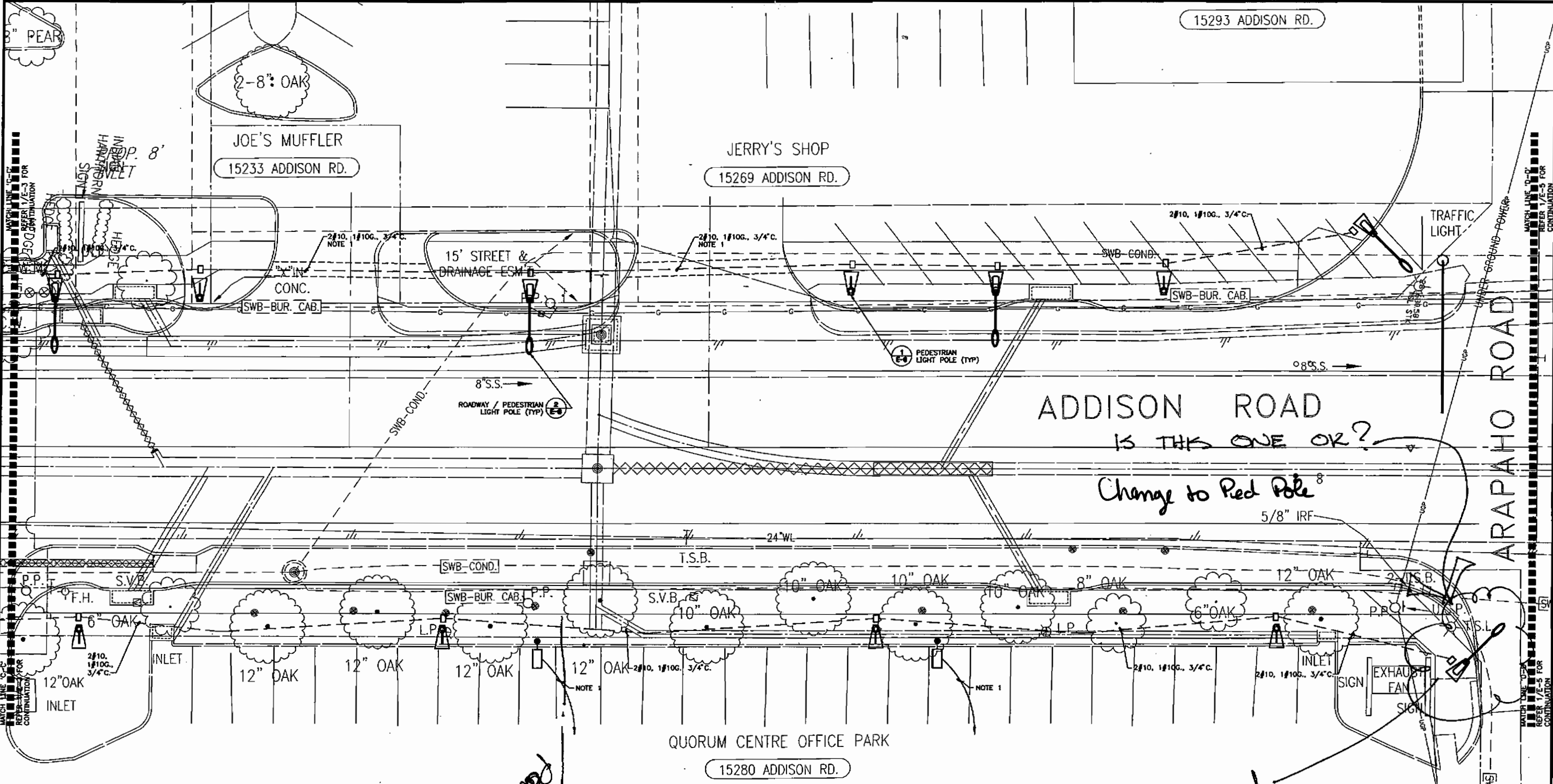
TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE/LIGHTING

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




DESIGNED BY: _____ PROJECT: 2002 102 SHEET NO. E-3
DRAWN BY: _____ DATE: _____ OF SHEETS

CAMPOS ENGINEERING, INC.
PRELIMINARY - FOR INTERIM REVIEW ONLY
JUNE D. HEZIC P.E. TEXAS REGISTRATION #43547 DATE: 05/17/04
CAMPOS ENGINEERING, INC.
CONSULTING ENGINEERS
Dallas, Texas
214-342-8997
214-342-8998

USER: JEROME (10/2001)
FILE NAME: 15207 ADDISON ROAD LANDSCAPE/LIGHTING
DATE: 05/17/04
TIME: 04 APR 2005 - 4:35AM



NOTES: 1. RE-USE EXISTING CIRCUIT MINOR PARKING LOT CIRCUIT. COORDINATE W/MR. CARLOS OCHA 972.386.6611 TO SHUT DOWN EXISTING PARKING LOT CIRCUIT AND TO SCHEDULE PROPOSED WORK.

-  'SA' TYPICAL
-  'SB' TYPICAL
-  'SC' TYPICAL

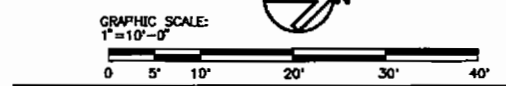
1 ROADWAY LIGHTING - PART 'C-D'
SCALE: 1"=10'-0"

Change to Red Pole 8"

pedestrian only

power location

ADDISON ROAD
IS THIS ONE OR?



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: _____ PROJECT: 2002 102 SHEET NO. E-4
DRAWN BY: _____ DATE: _____ OF SHEETS

CAMPOS ENGINEERING, INC.
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JERRY C. REECE, P.E. TEXAS REGISTRATION #42847 DATE: 05/17/04

CAMPOS ENGINEERING, Inc.
CONSULTING ENGINEERS
2400 Northwest Avenue
Dallas, Texas 75220
214.343.8888
214.343.8889

USER: JERRY REECE
 FILE NAME: L:\2002\ADDISON ROAD\DRAWINGS\BIRKHOFF\E-4.LDW
 PLOT: 05/17/04
 TIME: 04 APR 2003 10:57AM



PUBLIC WORKS DEPARTMENT
Post Office Box 9010 Addison, Texas 75001-9010

Addison 50!

50 YEARS OF FUN!
(972) 450-2871 FAX (972) 450-2837
16801 Westgrove

March 31, 2004

Ms. Jan Seidner
Manager-Railroad Facilities
Dallas Area Rapid Transit
P.O. Box 660163
1401 Pacific Avenue
Dallas, Texas 75266-7210

Re: Addison Road Improvements

Dear Ms. Seidner:

The Town of Addison is nearing completion of engineering design for the proposed widening of Addison Road, from Belt Line Road to approximately 100 ft. north of Arapaho Road. These improvements consist of the construction of two traffic lanes in each direction and a continuous left turn lane. Also included in this project is the placement of necessary storm drainage facilities (see attached drawings) within property that is jointly owned by DART and the Town of Addison. Specifically, a "Y" type inlet and 18" lateral will be constructed adjacent to Perry's C-Store.

It is anticipated that construction on this project will begin in the summer of this year. Should you have any questions, please feel free to contact me at 972-450-2886.

Sincerely,

Steven Z. Chutchian, P.E.
Assistant City Engineer

The attached drawing
are for your ~~file~~ records,
no comments ~~are~~ or know
are necessary.



PUBLIC WORKS DEPARTMENT
Post Office Box 9010 Addison, Texas 75001-9010

Addison 50!

50 YEARS OF FUN!
(972) 450-2871 FAX (972) 450-2837
16801 Westgrove

March 31, 2004

Ms. Jan Seidner
Manager-Railroad Facilities
Dallas Area Rapid Transit
P.O. Box 660163
1401 Pacific Avenue
Dallas, Texas 75266-7210

Re: Addison Road Improvements

Dear Ms. Seidner:

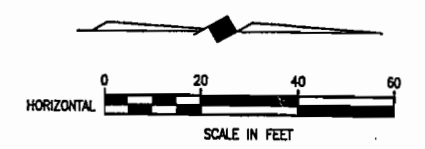
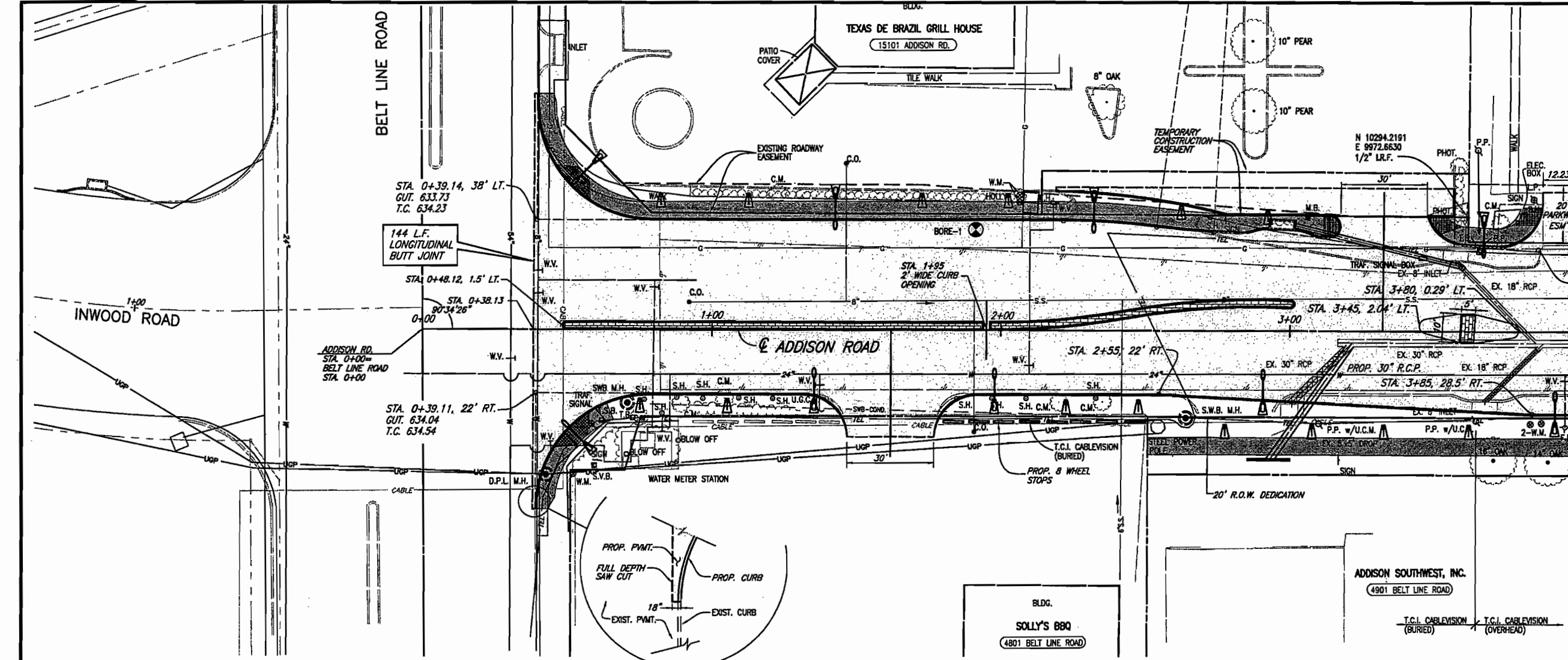
The Town of Addison is nearing completion of engineering design for the proposed widening of Addison Road, from Belt Line Road to approximately 100 ft. north of Arapaho Road. These improvements consist of the construction of two traffic lanes in each direction and a continuous left turn lane. Also included in this project is the placement of necessary storm drainage facilities (see attached drawings) within property that is jointly owned by DART and the Town of Addison. Specifically, a "Y" type inlet and 18" lateral will be constructed adjacent to Perry's C-Store.

The attached drawings are for your records. Submittal to the Town of any comments or review is not necessary by your department. It is anticipated that construction on this project will begin in the summer of this year. Should you have any questions, please feel free to contact me at 972-450-2886.

Sincerely,

Steven Z. Chutchian

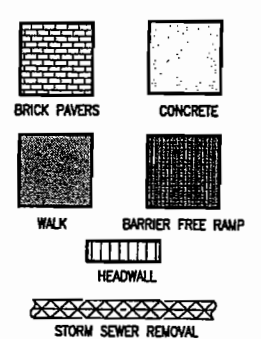
Steven Z. Chutchian, P.E.
Assistant City Engineer



B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

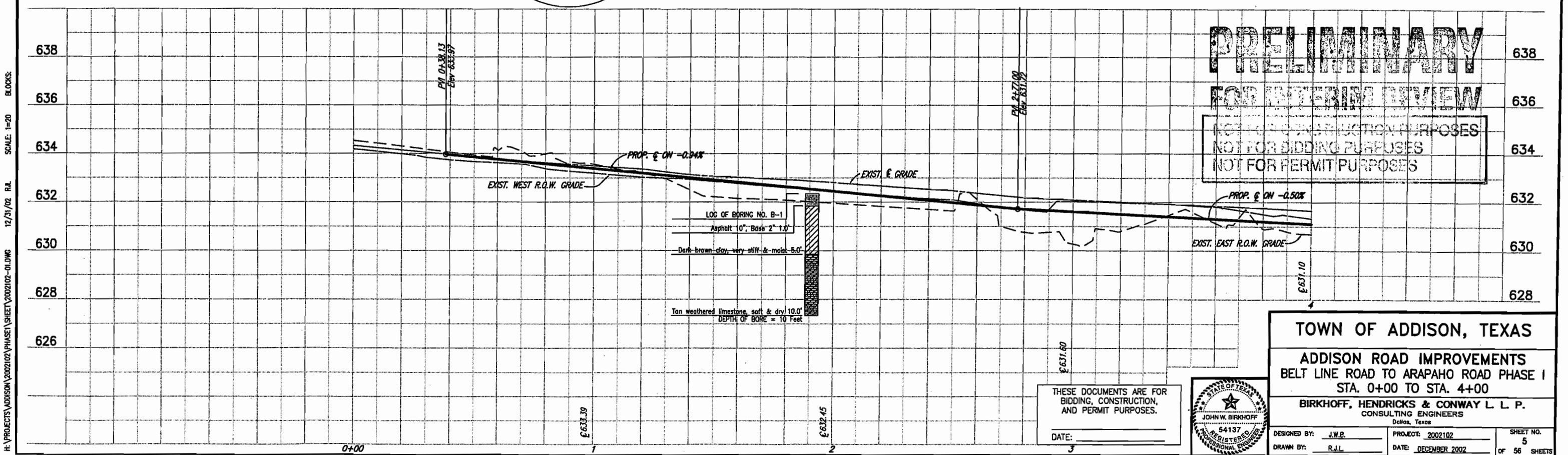
T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., STA. 9+87, 52 FEET RT. ELEV. 628.79



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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.



PRELIMINARY
FOR INTERIM REVIEW
 NOT FOR CONSTRUCTION PURPOSES
 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STA. 0+00 TO STA. 4+00

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

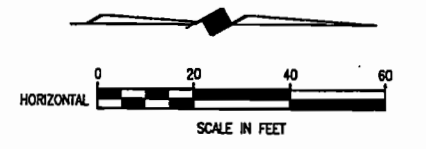
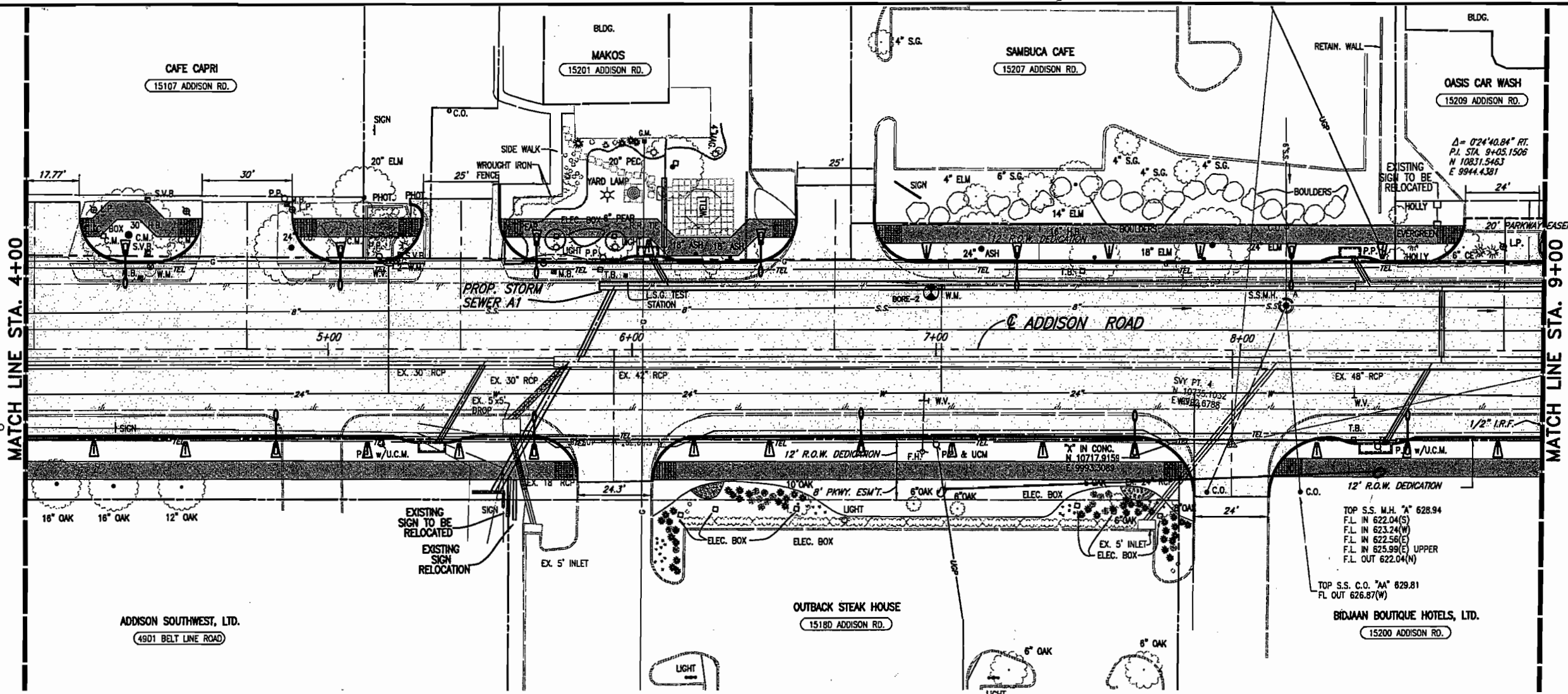
DESIGNED BY: J.W.B. PROJECT: 2002102 SHEET NO. 5
 DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

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

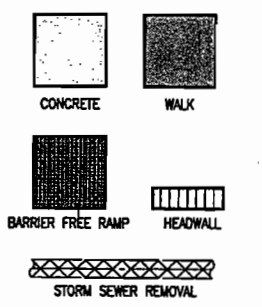
DATE: _____



H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102-01.DWG 12/21/02 R.L. SCALE: 1=20 BLOCKS:

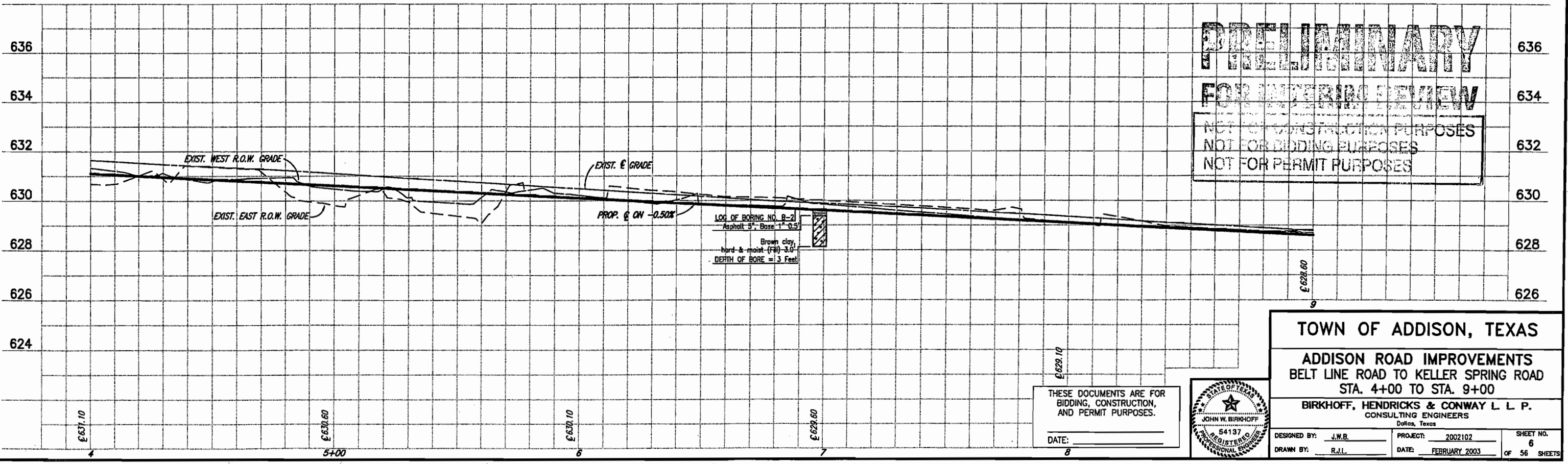


- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



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 DATE: _____



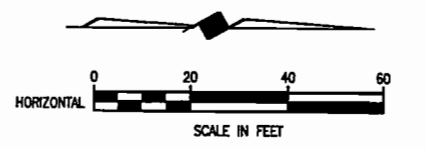
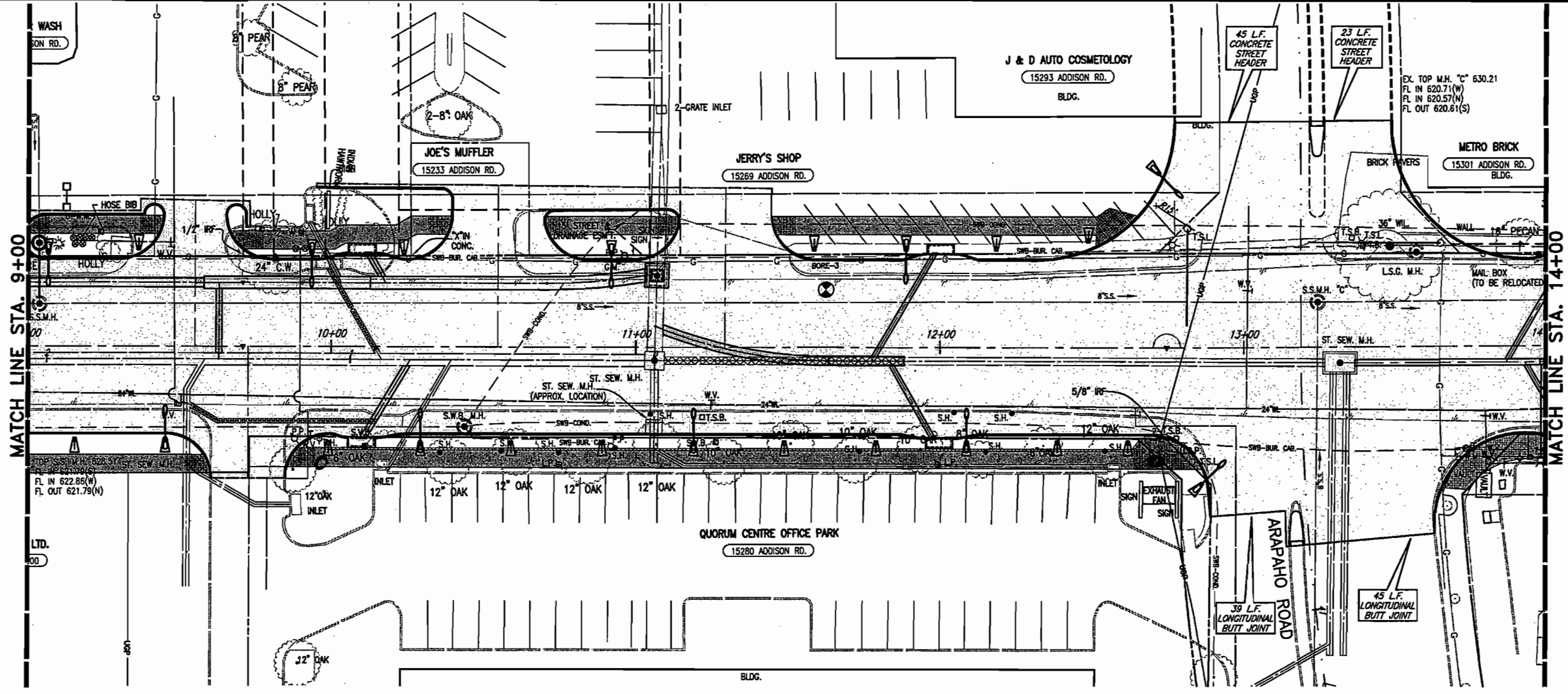
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO KELLER SPRING ROAD
 STA. 4+00 TO STA. 9+00

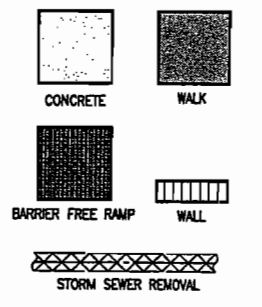
BIRKHOFF, HENDRICKS & CONWAY L.L.P.
 CONSULTING ENGINEERS
 Dallas, Texas

DESIGNED BY: J.W.B. PROJECT: 2002102 SHEET NO. 6
 DRAWN BY: R.J.L. DATE: FEBRUARY 2003 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102-02.DWG 04/21/03 R.J.L. SCALE: 1"=X BLOCKS: PAV-PROF02

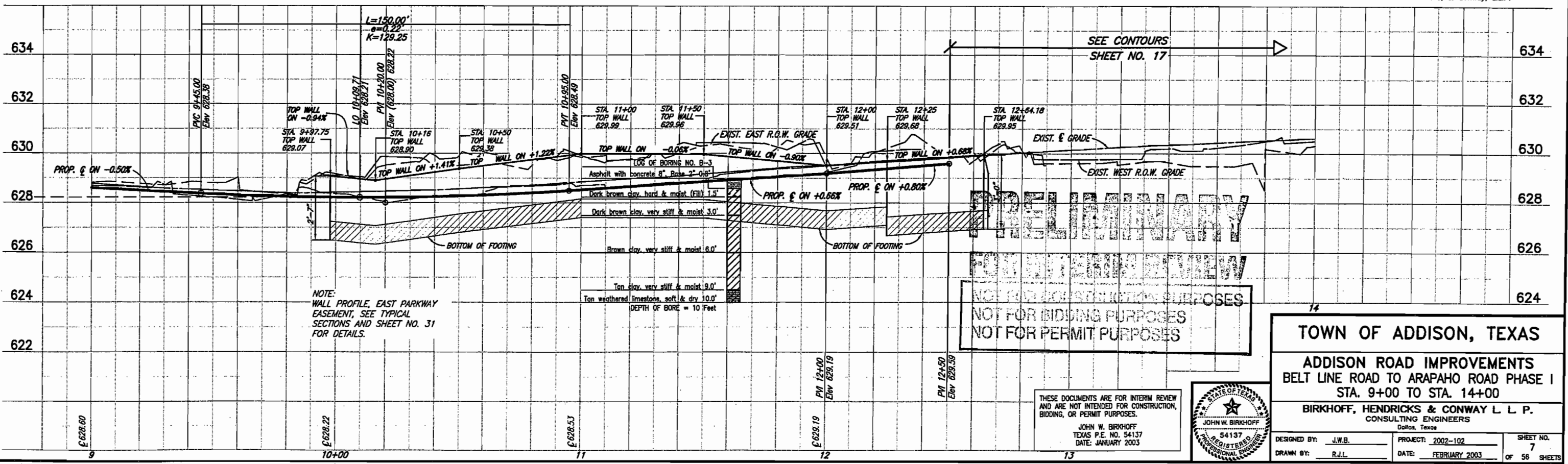


- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., & STA. 9+57, 52 FEET RT. ELEV. 628.79
- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., & STA. 18+76, 45 FEET LT. ELEV. 635.38



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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PRELIMINARY
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NOT FOR PERMIT PURPOSES

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JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: JANUARY 2003

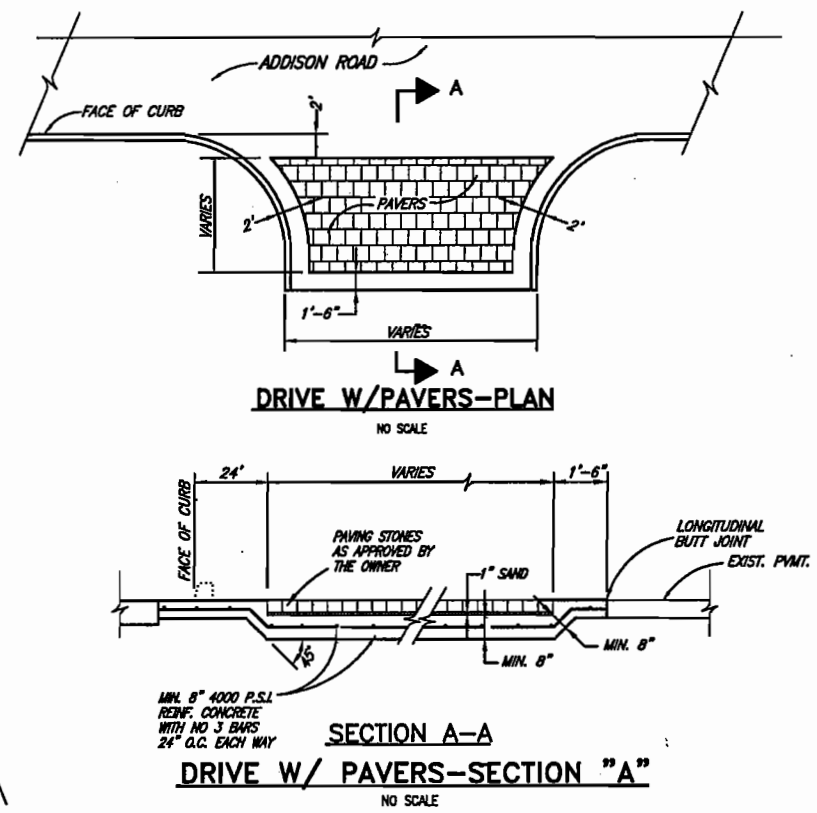
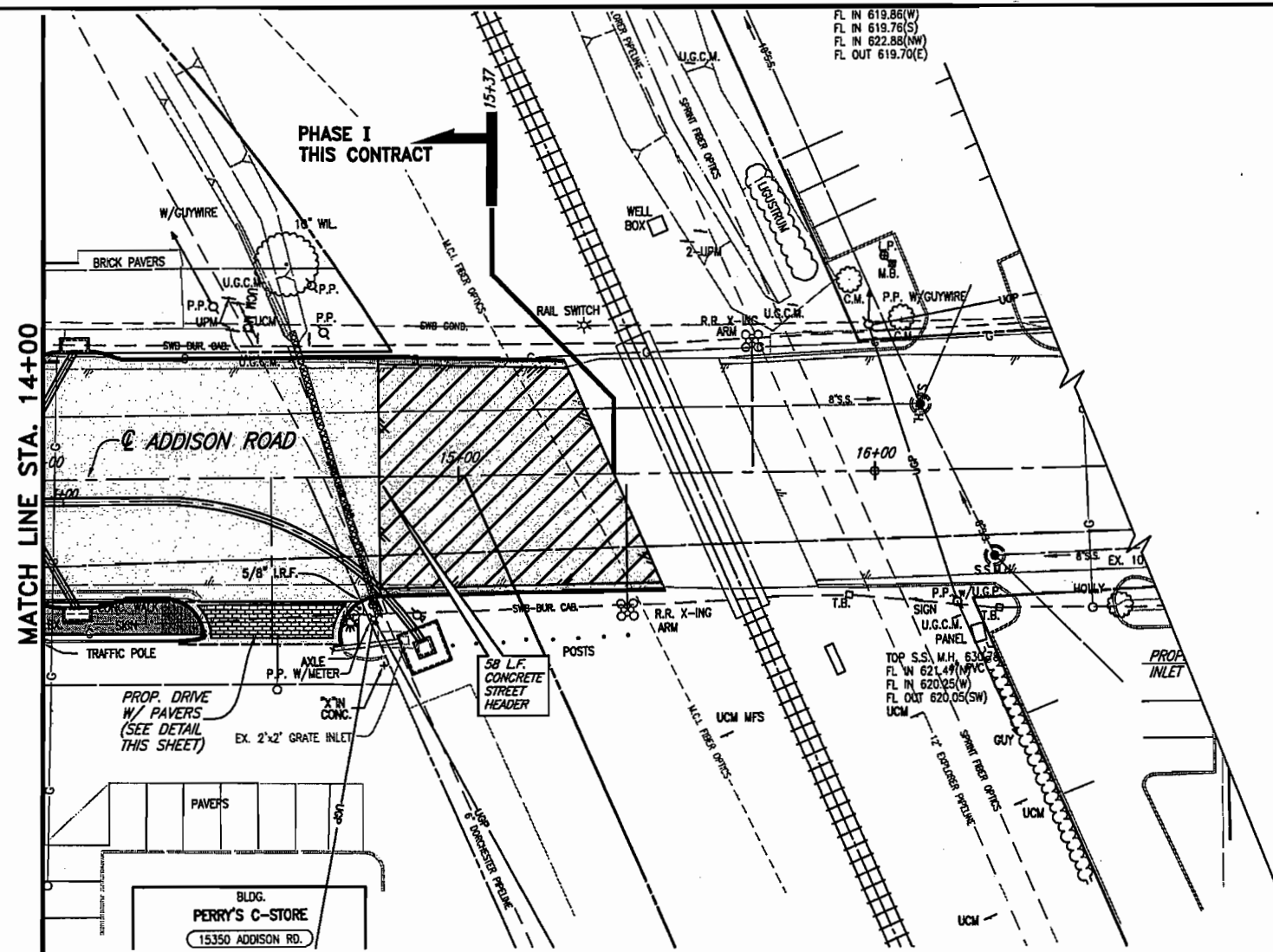
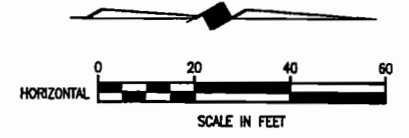


TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STA. 9+00 TO STA. 14+00
BIRKHOFF, HENDRICKS & CONWAY L L P.
CONSULTING ENGINEERS
Dallas, Texas

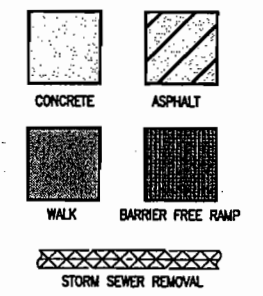
DESIGNED BY: J.W.B. PROJECT: 2002-102 SHEET NO. 7
DRAWN BY: R.J.L. DATE: FEBRUARY 2003 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102-CJ\UPDATE.DWG 02/04/03 R.L. SCALE: 1"=20' BLOCKS

FL IN 619.86(W)
 FL IN 619.76(S)
 FL IN 622.88(NW)
 FL OUT 619.70(E)



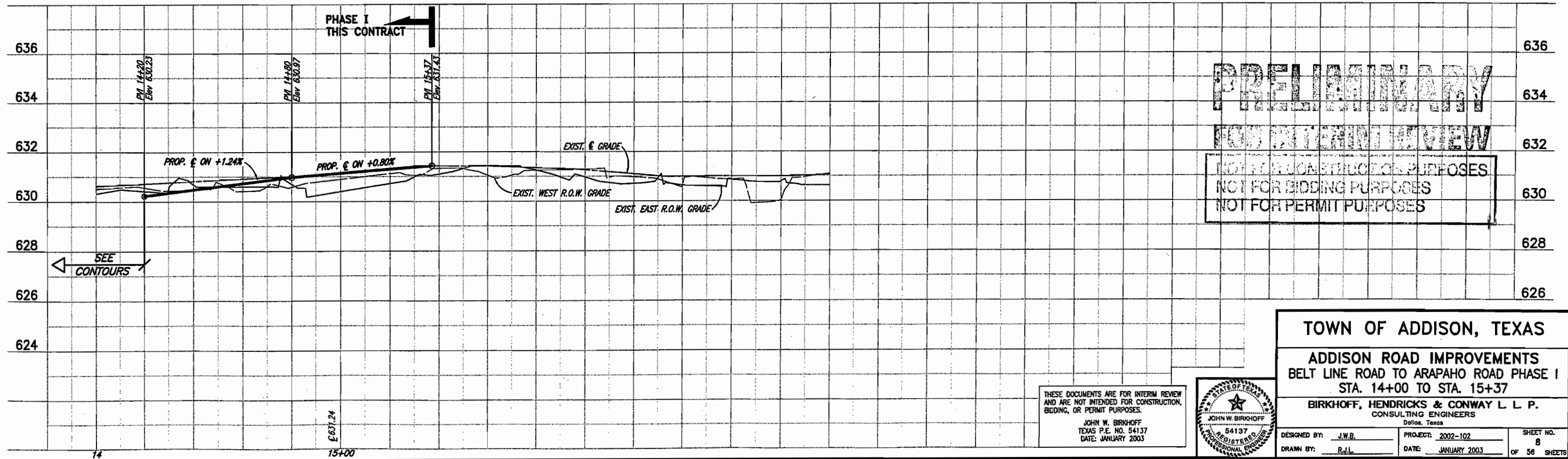
- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79
- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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01/16/03 R.L. SCALE: 1"=20' BLOCKS:
 H:\PROJECTS\ADDISON\2002102\PHASE1\SHEET\2002102-04.DWG



PRELIMINARY

FOR INTERIM REVIEW

NOT FOR CONSTRUCTION PURPOSES
 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

TOWN OF ADDISON, TEXAS

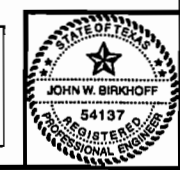
ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STA. 14+00 TO STA. 15+37

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

DESIGNED BY: J.W.B.	PROJECT: 2002-102	SHEET NO. 8
DRAWN BY: R.J.L.	DATE: JANUARY 2003	OF 56 SHEETS

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.

JOHN W. BIRKHOFF
 TEXAS P.E. NO. 54137
 DATE: JANUARY 2003



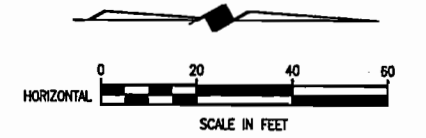
E 637.24
 15+00

WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING TELEVISION BURIED CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

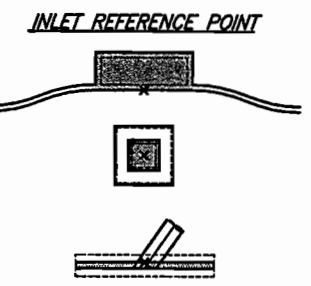
WARNING S.W. BELL BURIED TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT



B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

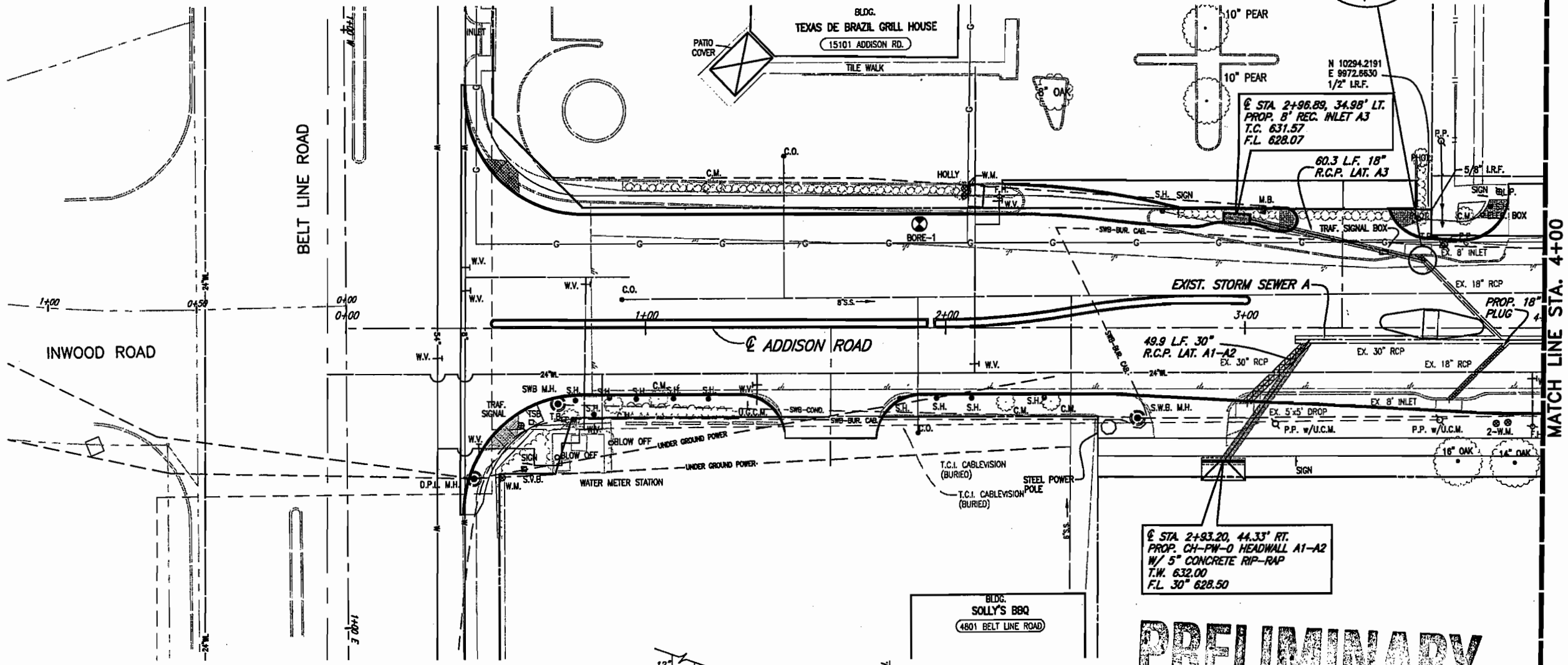
T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



EXISTING STORM SEWER PIPE REMOVAL

- NOTES:
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
 - USED 1978 ADDISON ROAD AND KELLER SPRINGS CONSTRUCTION PLANS TO SHOW APPROXIMATE LOCATION AND DEPTH OF EXISTING STORM SEWER SHOWN IN THE PLANS, ALONG WITH LOCATING AND MEASURING THE DEPTH OF EXISTING STORM SEWER STRUCTURES.

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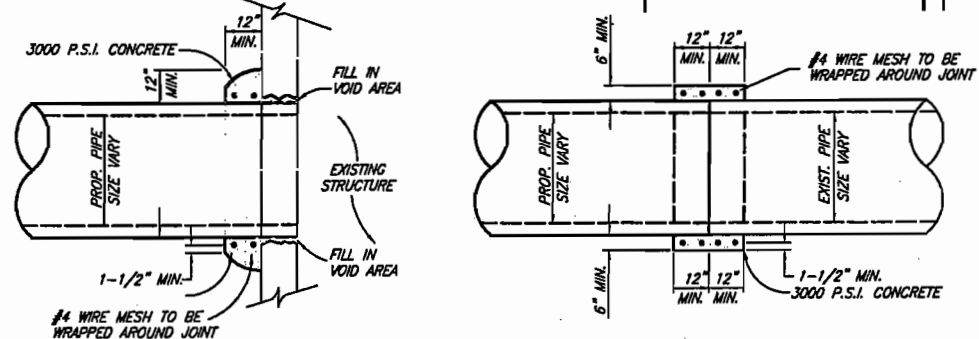
PRELIMINARY

FOR INTERIM REVIEW

NOT FOR CONSTRUCTION PURPOSES

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

DATE: _____



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 0+00 TO STA. 4+00

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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 36
DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002\02\PHASE1\SHEET\20021025TH-01.DWG 01/17/03 R.L. SCALE: 1"=20'

WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

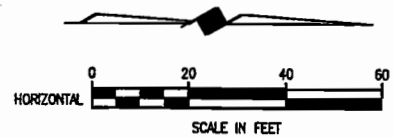
WARNING
ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
TELEVISION
BURIED CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

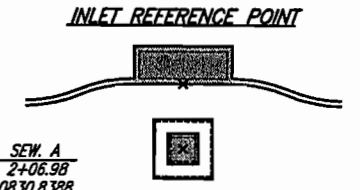
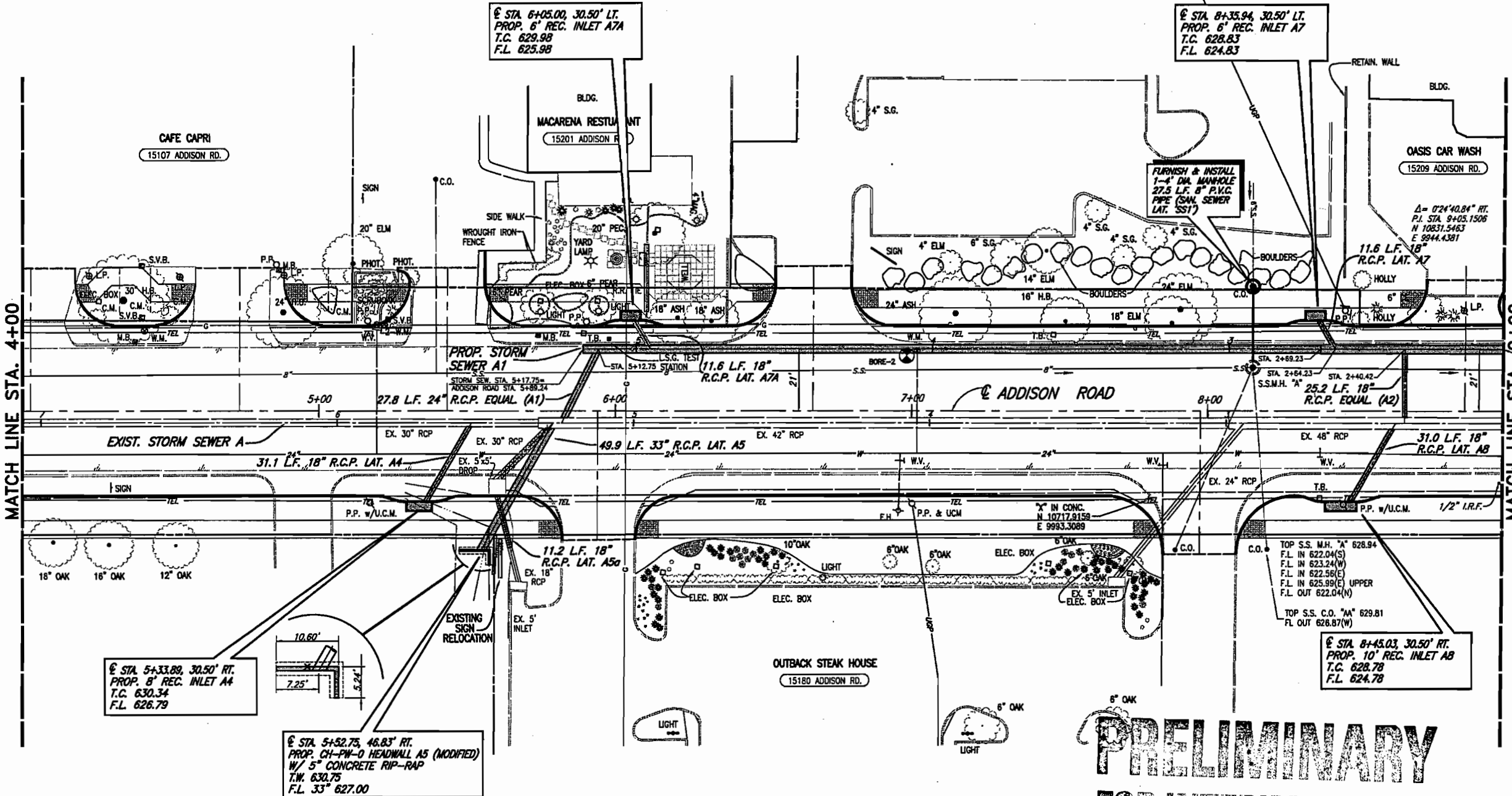
WARNING
S.W. BELL BURIED
TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT



CALL US
BEFORE YOU DIG



- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



STM. SEW. A
STA. 2+06.98
N 10830.8388
E 9929.0909

EXISTING STORM SEWER PIPE REMOVAL

- NOTES:
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
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NOT FOR PERMIT PURPOSES

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DATE: _____



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 4+00 TO STA. 9+00

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

DESIGNED BY: J.W.B. PROJECT: 2002.102 SHEET NO. 37
DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

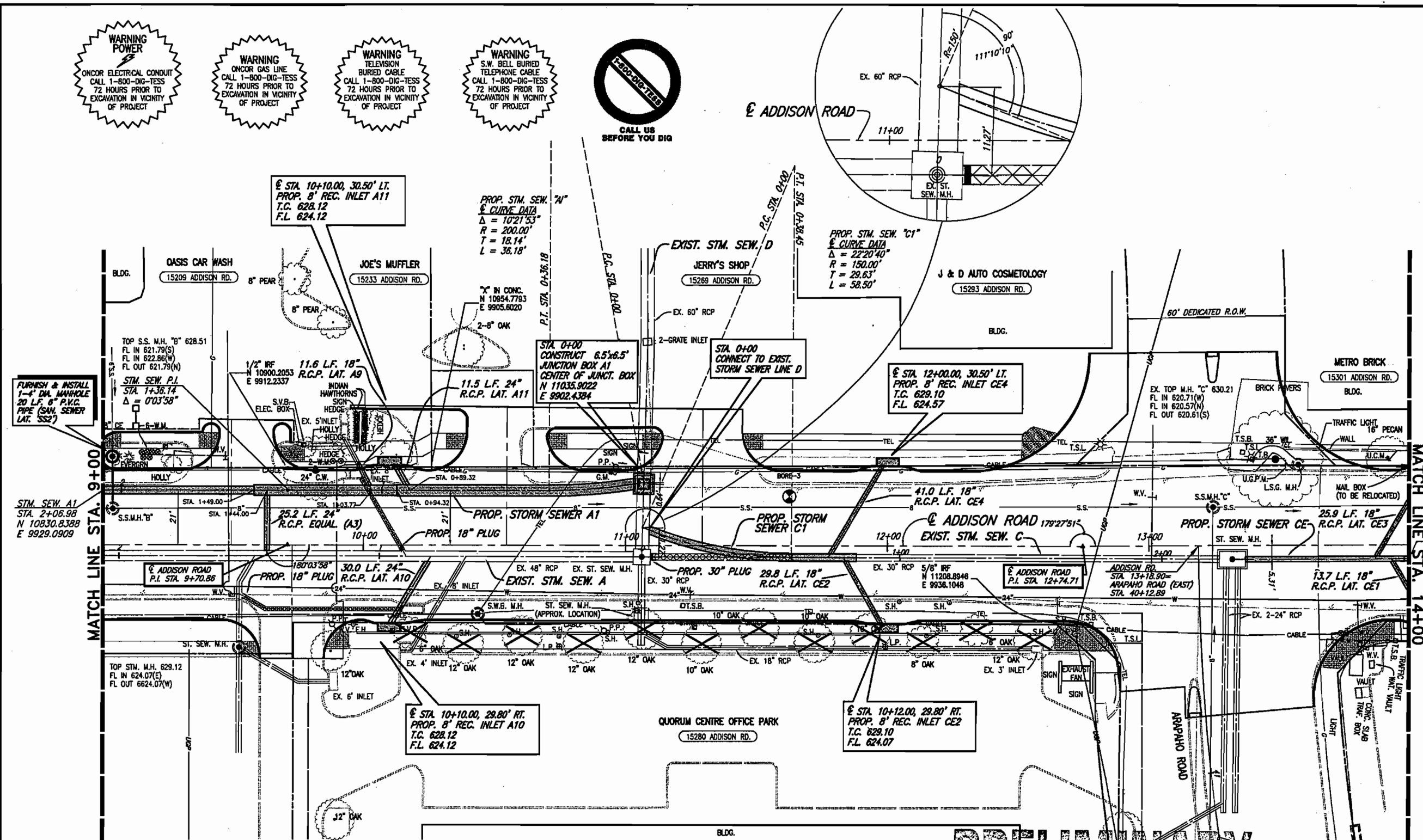
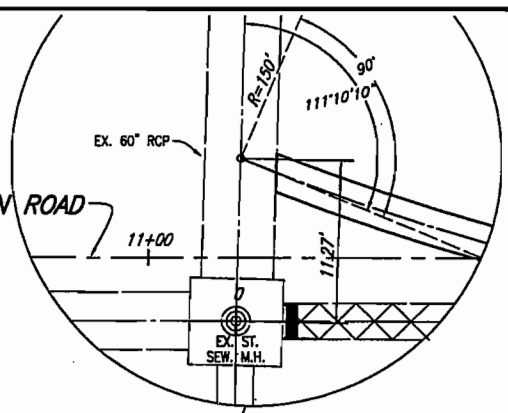
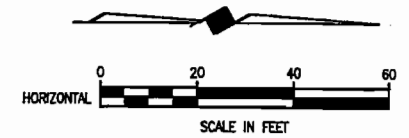
H:\PROJECTS\ADDISON\2002102\PHASE1\SH121\20021025TM-02.DWG 01/17/03 R.L. SCALE: 1"=X

WARNING POWER
ONCOR ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING TELEVISION BURIED CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING S.W. BELL BURIED TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT



- B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., STA. 9+87, 52 FEET RT. ELEV. 628.79
- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., STA. 18+76, 45 FEET LT. ELEV. 635.38



- NOTES:**
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
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NOT FOR PERMIT PURPOSES

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JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: JANUARY 2003



TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 9+00 TO STA. 14+00

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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 38
DRAWN BY: R.J.L. DATE: JANUARY 2003 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\1\2002102\STN-03.DWG 01/17/03 R.L. SCALE: 1"=20'

WARNING!
EXPLORER'S 12-INCH
HIGH PRESSURE
PETROLEUM PRODUCTS
PIPELINE. CONTACT
GREENVILLE AREA
SUPERVISOR AT (903) 527-1267
AT LEAST 48 HOURS
PRIOR TO ANY CONSTRUCTION
NEAR PIPELINE

WARNING
ELECTRICAL CONDUIT
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

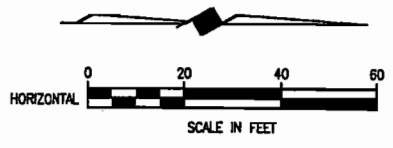
WARNING
ONCOR GAS LINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
M.C.I.
BURIED FIBER OPTICS
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
SPRINT
BURIED FIBER OPTICS
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

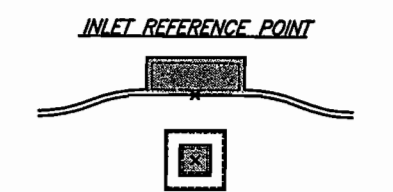
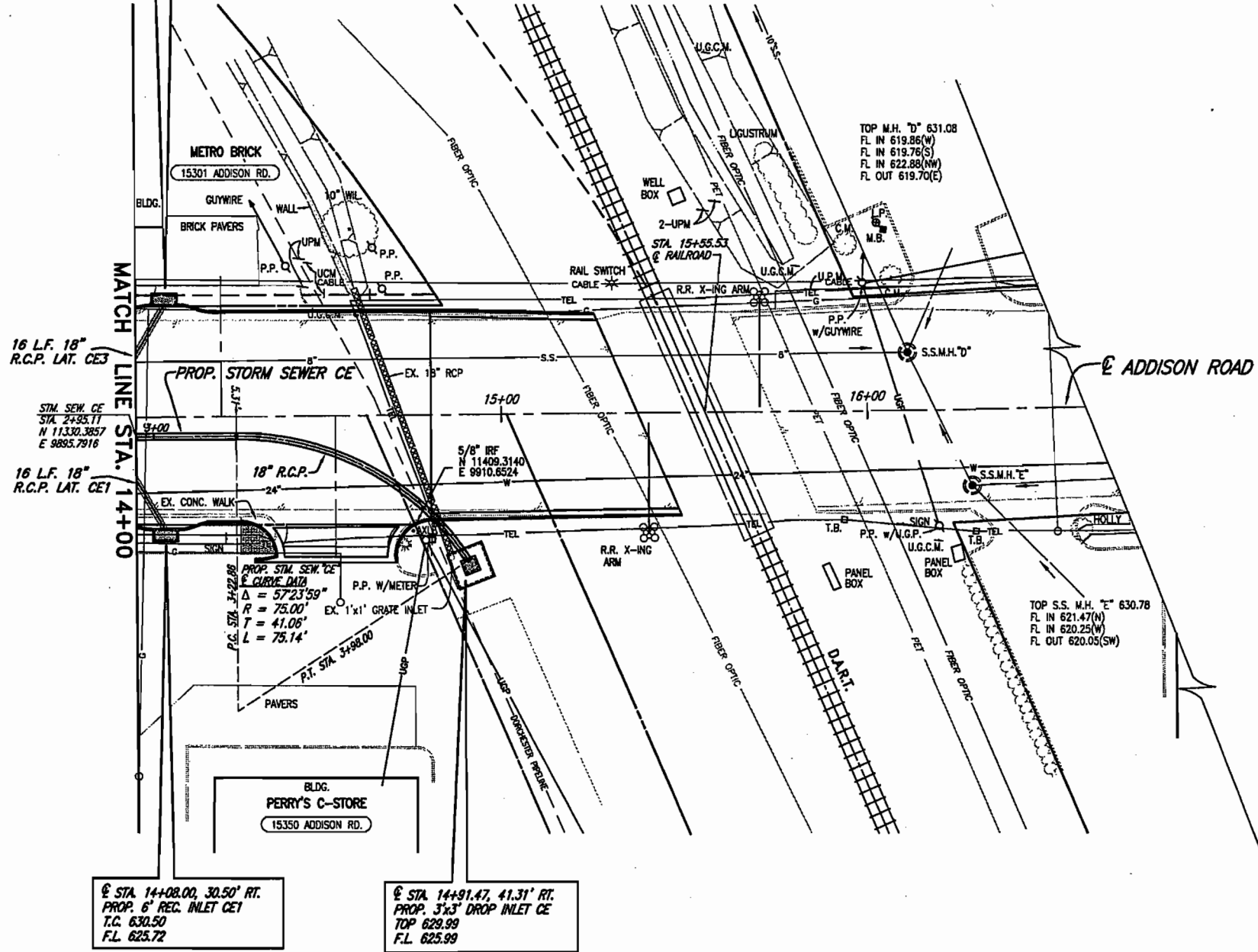
WARNING
DORCHESTER
PIPELINE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT

WARNING
S.W. BELL BURIED
TELEPHONE CABLE
CALL 1-800-DIG-TESS
72 HOURS PRIOR TO
EXCAVATION IN VICINITY
OF PROJECT



- B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79
- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38

© STA. 14+08.00, 30.50' LT.
PROP. 6" REC. INLET CE3
T.C. 630.50
F.L. 625.72



EXISTING STORM SEWER PIPE REMOVAL

- NOTES:**
- CONNECTING TO EXISTING STORM SEWER & REMOVAL OF EXISTING STORM SEWER PIPE, INLETS AND OTHER APPURTENANCES IS SUBSIDIARY TO PROPOSED STORM SEWER SYSTEM INSTALLATION.
 - USED 1978 ADDISON ROAD AND KELLER SPRINGS CONSTRUCTION PLANS TO SHOW APPROXIMATE LOCATION AND DEPTH OF EXISTING STORM SEWER SHOWN IN THE PLANS, ALONG WITH LOCATING AND MEASURING THE DEPTH OF EXISTING STORM SEWER STRUCTURES.

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PRELIMINARY

FOR INTERIM REVIEW

**NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES**

H:\PROJECTS\ADDISON\2002\102\PHASE1\2002102\STN-04.DWG 01/15/03 R.L. SCALE: 1=20

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: JANUARY 2003



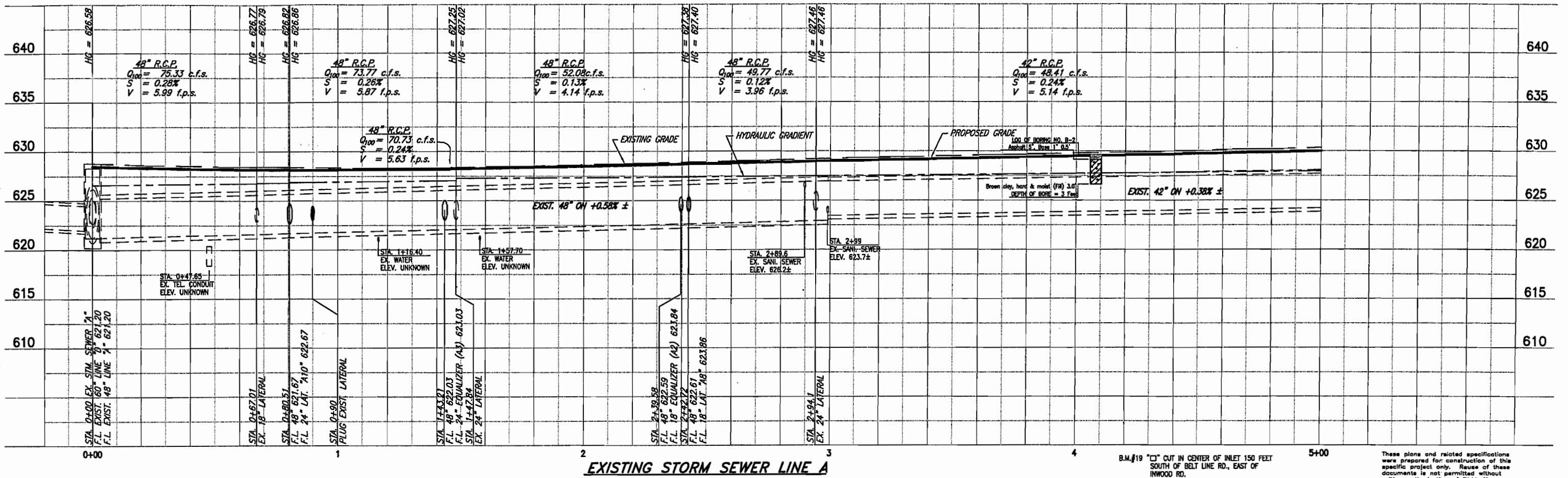
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
ARAPAHO ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER PLAN - STA. 14+00 TO STA. 15+37

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

DESIGNED BY: J.W.B.	PROJECT: 2002_102	SHEET NO. 39
DRAWN BY: R.L.L.	DATE: JANUARY 2003	OF 56 SHEETS

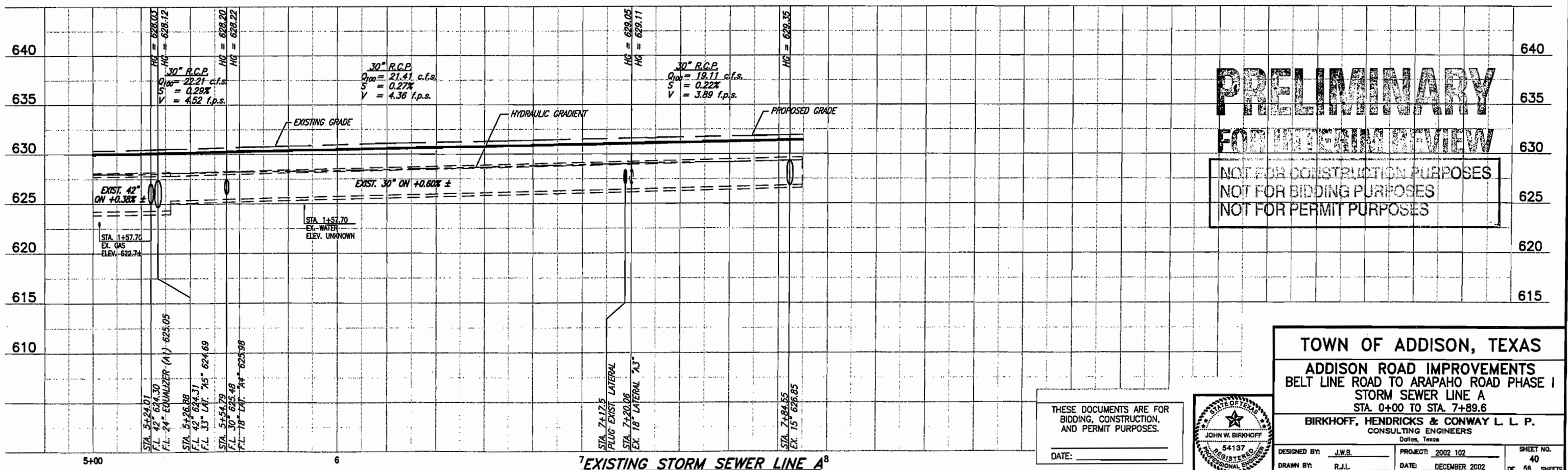
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EXISTING STORM SEWER LINE A

B.M.#19 "□" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
 T.B.M. AR-1 "□" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
 T.B.M. AR-2 "□" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79

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EXISTING STORM SEWER LINE A

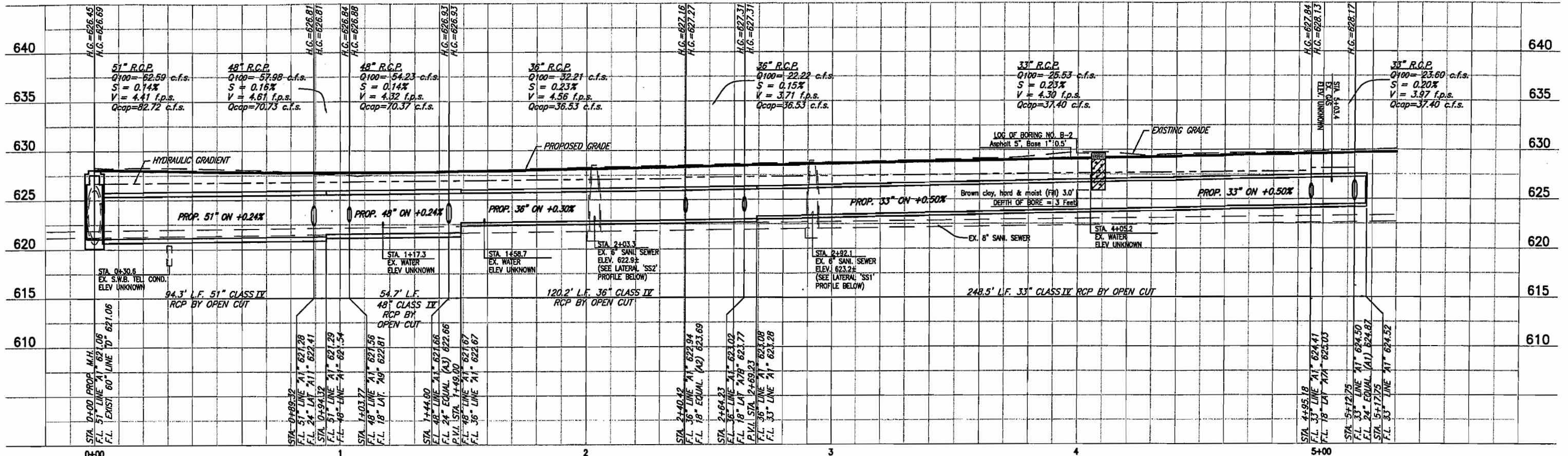
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TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER LINE A
 STA. 0+00 TO STA. 7+89.6
BIRKHOFF, HENDRICKS & CONWAY L. L. P.
 CONSULTING ENGINEERS
 Dallas, Texas

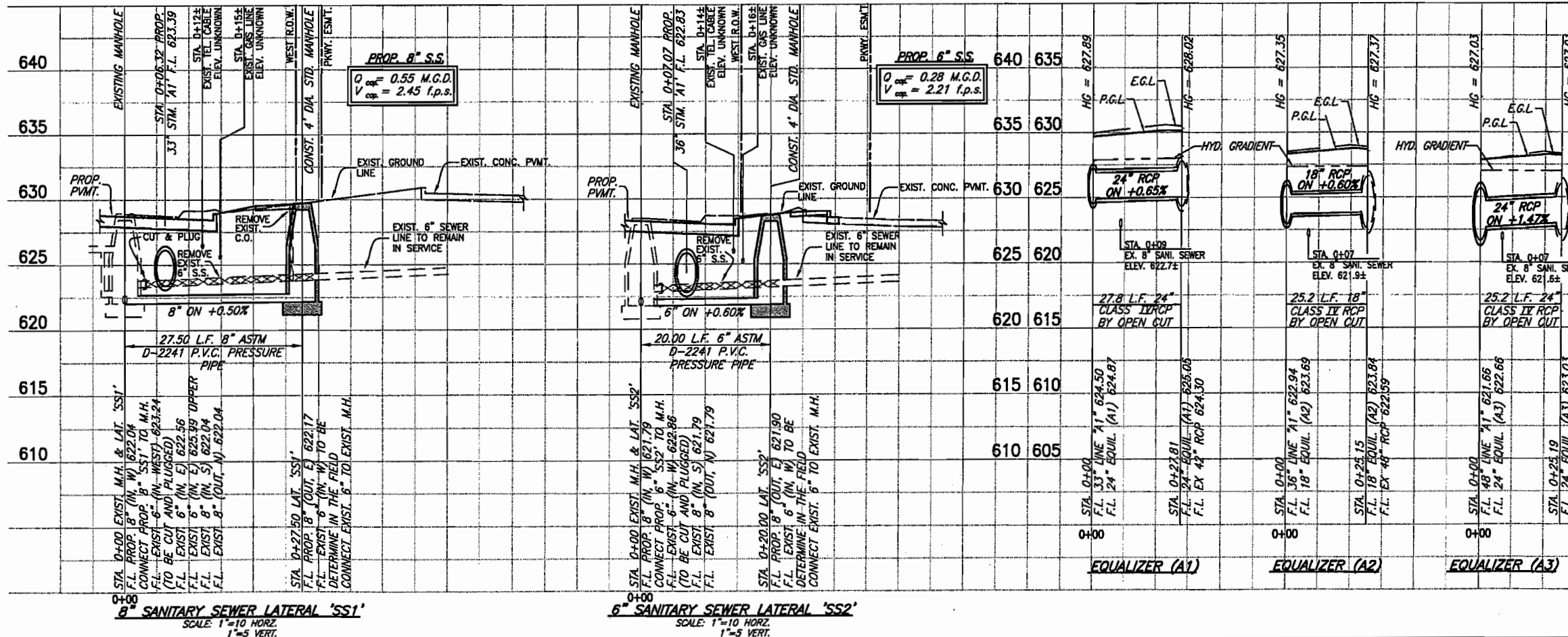
DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 40
 DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS



PROPOSED STORM SEWER LINE A1
SCALE: 1"=20' HORIZ. 1"=5' VERT.

T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79

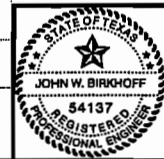
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DATE: _____



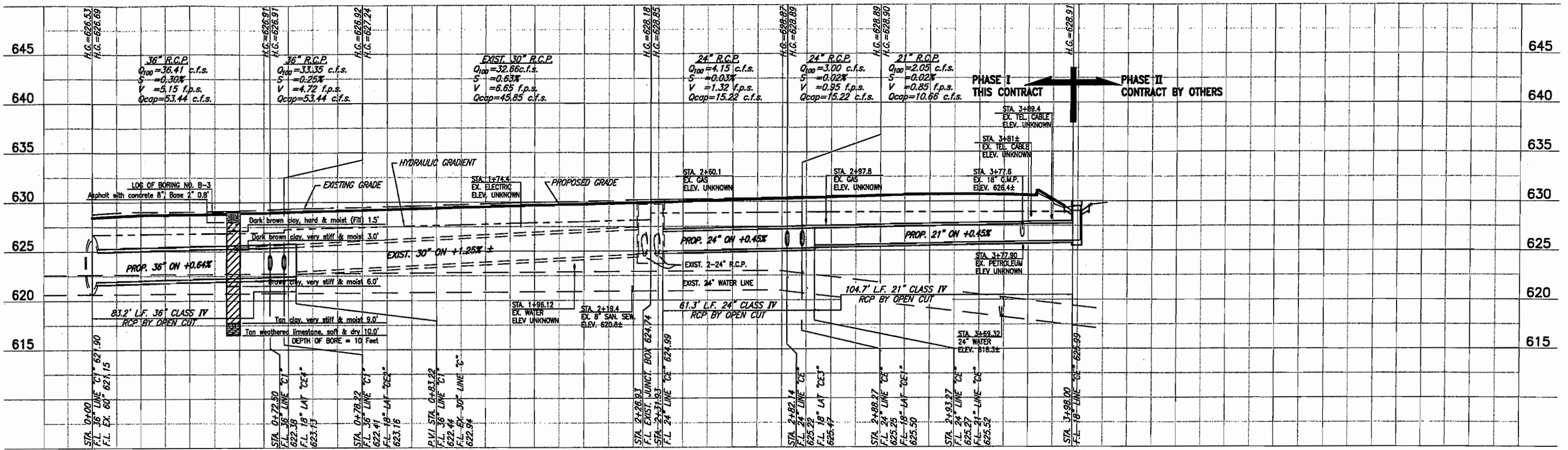
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I,
STORM SEWER LINE A1/SAN. SEW. 'SS1' & 'SS2'
STA. 0+00 TO STA. 5+17.75

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

DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 41
DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

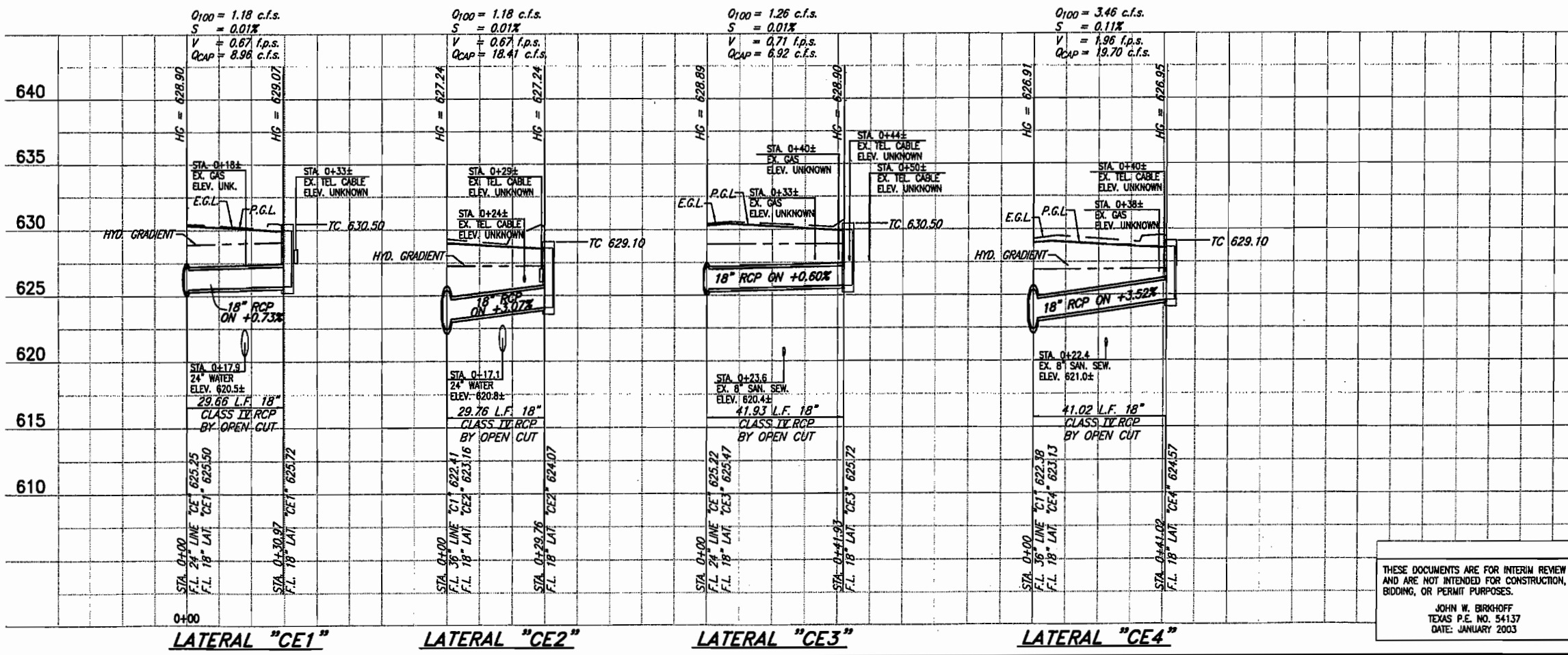
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 01/15/03 R.L. SCALE: 1"=20' BLOCKS: PROP-C1



PROPOSED STORM SEWER LINE C1 EXISTING STORM SEWER LINE C1 PROPOSED STORM SEWER LINE CE
STORM SEWER LINE C1 & PROPOSED CE

T.B.M. AR-2 "C1" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79

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 NOT FOR PERMIT PURPOSES

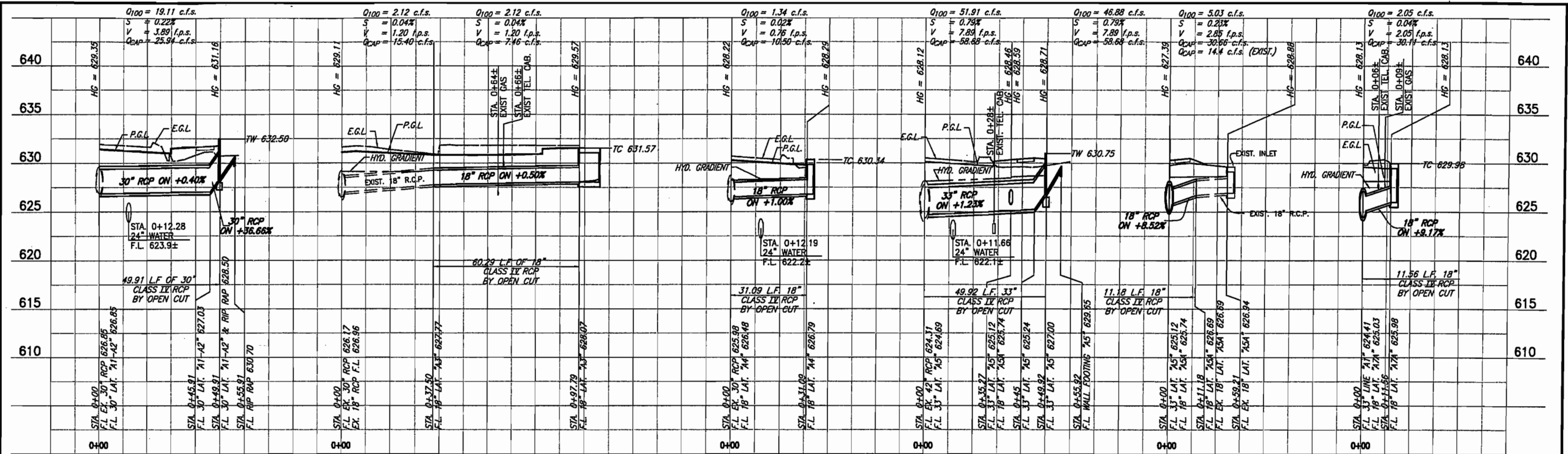
TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STM. SEW. LINE C1,C & CE & LATERALS
 STA. 0+00 TO STA. 3+98.00
BIRKHOFF, HENDRICKS & CONWAY L. L. P.
 CONSULTING ENGINEERS
 Dallas, Texas

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 JOHN W. BIRKHOFF
 TEXAS P.E. NO. 54137
 DATE: JANUARY 2003



DESIGNED BY: J.W.B. PROJECT: 2002 102 SHEET NO. 42
 DRAWN BY: R.J.L. DATE: JANUARY 2003 OF 56 SHEETS

H:\PROJECTS\ADDISON\20021021\PHASE1\DRAWING\LATERALS\A1-A11.DWG 12/16/02 R.L. SCALE: 1"=20'



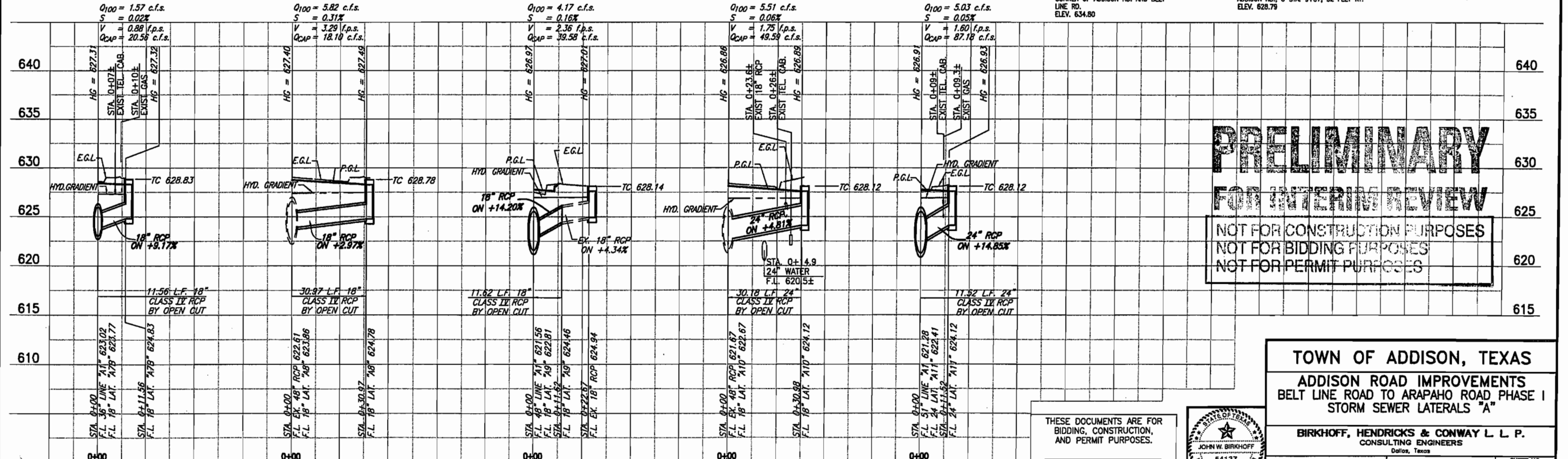
LATERAL "A1-A2" LATERAL "A3" LATERAL "A4" LATERAL "A5" LATERAL "A5A" LATERAL "A7A"

B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., C STA. 9+87, 52 FEET RT. ELEV. 628.79

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LATERAL "A7B" LATERAL "A8" LATERAL "A9" LATERAL "A10" LATERAL "A11"

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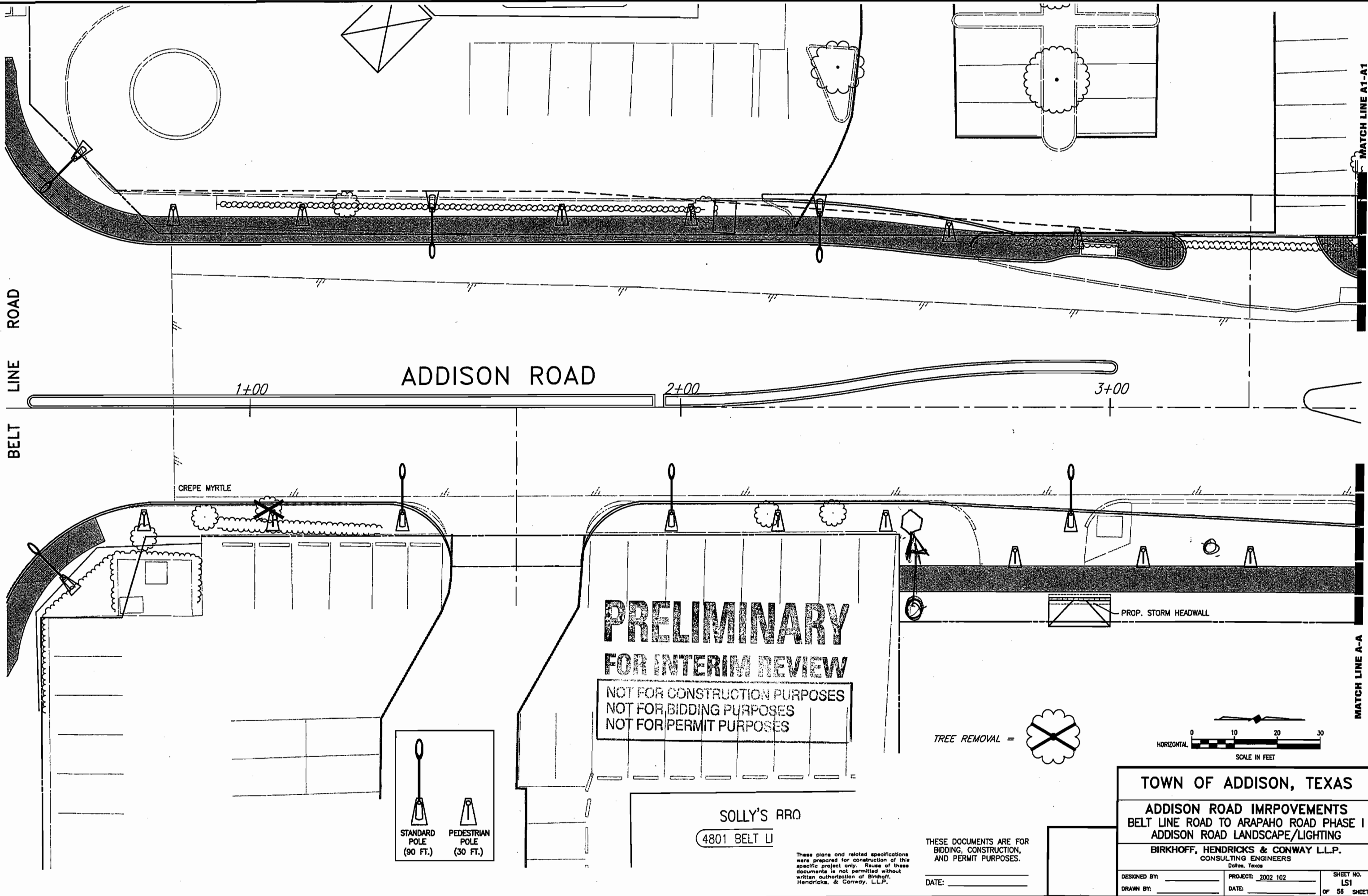


TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STORM SEWER LATERALS "A"

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

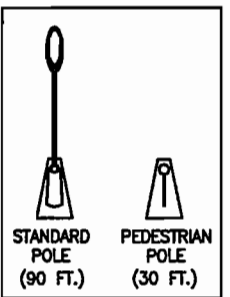
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 DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS

H:\PROJECTS\ADDISON\2002\02\PHASE1\LANDSCAPE\LANDSCAPE-SH1.DWG 02/04/04 R.L. SCALE: 1=10



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FOR INTERIM REVIEW**

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NOT FOR BIDDING PURPOSES
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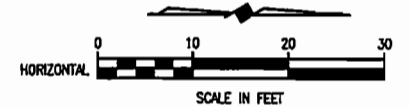


SOLLY'S RRO
4801 BELT LI

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DATE: _____

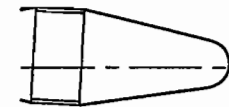


TOWN OF ADDISON, TEXAS		
ADDISON ROAD IMPROVEMENTS		
BELT LINE ROAD TO ARAPAHO ROAD PHASE I		
ADDISON ROAD LANDSCAPE/LIGHTING		
BIRKHOFF, HENDRICKS & CONWAY L.L.P.		
CONSULTING ENGINEERS Dallas, Texas		
DESIGNED BY: _____	PROJECT: 2002 102	SHEET NO. LS1
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002\02\PHASE1\LANDSCAPE\LANDSCAPE-SH2.DWG 03/02/04 R.L. SCALE: 1"=10'

MATCH LINE A1-A1

MATCH LINE B1-B1



4+00

5+00

6+00

ADDISON ROAD

CAFE CAPRI

15107 ADDISON RD.

FILLING STATION RESTUARANT

15201 ADDISON RD.

SIDE WALK

FOUNTAIN

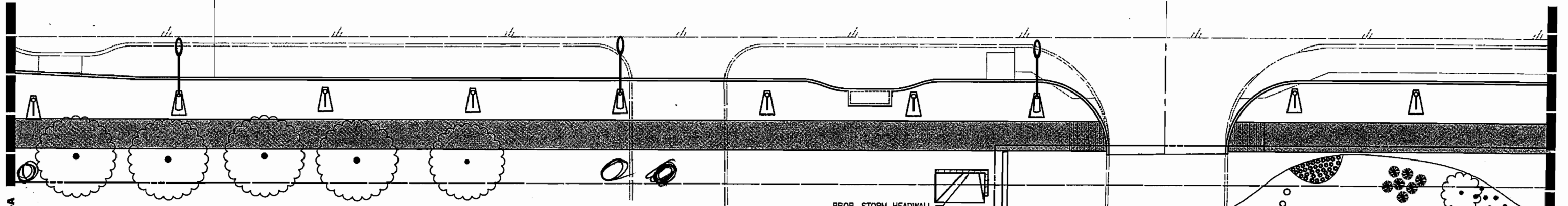
YARD LAMP

WELL

24" HACK.

18" ASH

18" ASH



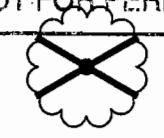
4901 BELT LINE ROAD

PROP. STORM HEADWALL

**PRELIMINARY
FOR INTERIM REVIEW**

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

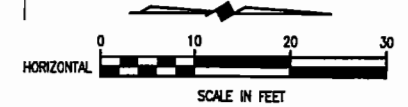
TREE REMOVAL =



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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

DESIGNED BY: _____
DRAWN BY: _____

PROJECT: 2002 102
DATE: _____

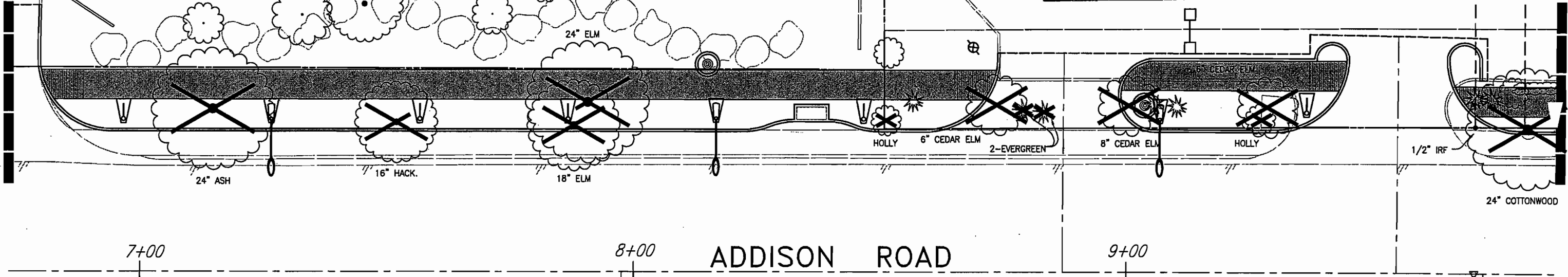
SHEET NO.
LS2
OF 55 SHEETS

SAMBUCA CAFE
15207 ADDISON RD.

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FOR INTERIM REVIEW
NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

MATCH LINE B1-B1

MATCH LINE C1-C1

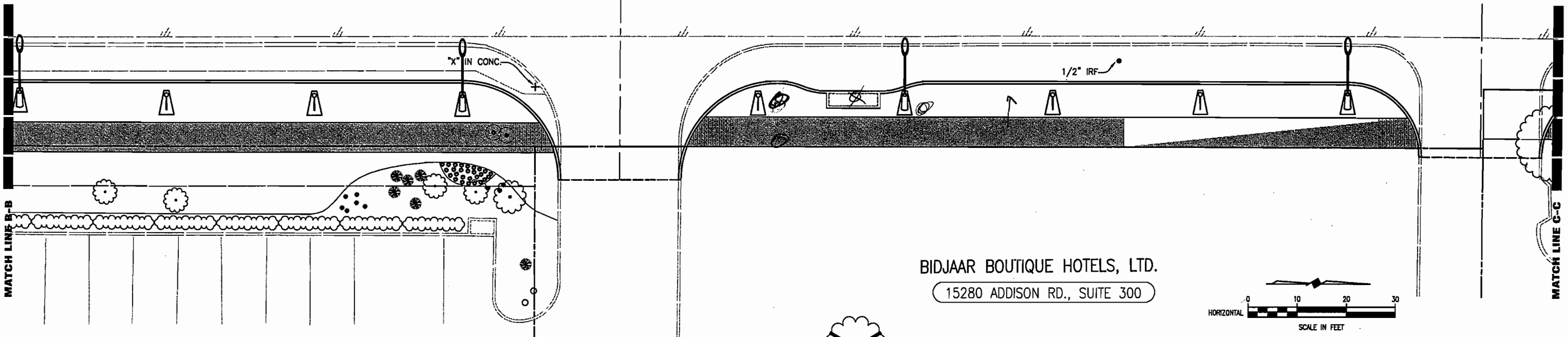


7+00

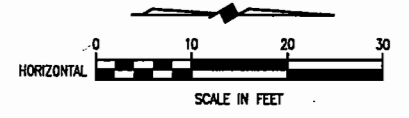
8+00

ADDISON ROAD

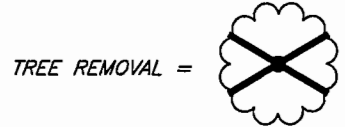
9+00



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



STEAK HOUSE
ADDISON RD.



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DATE: _____

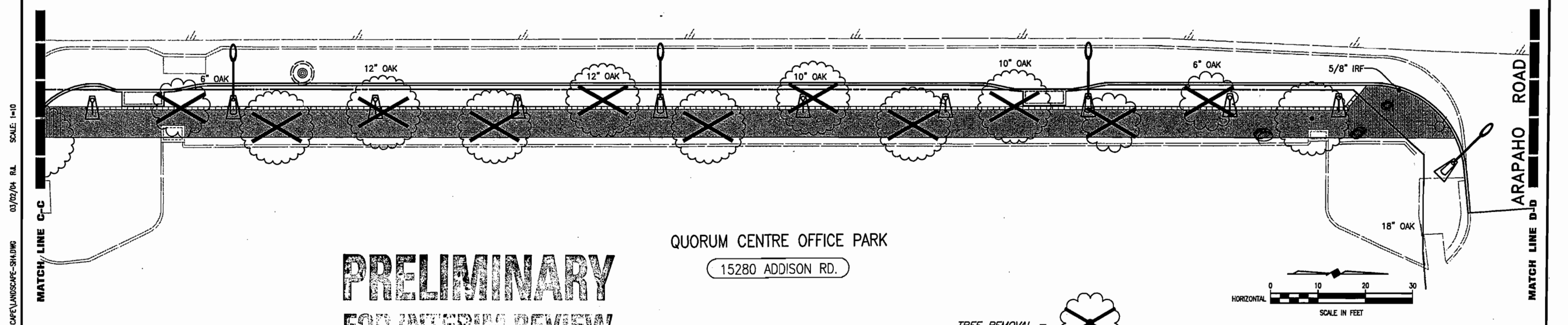
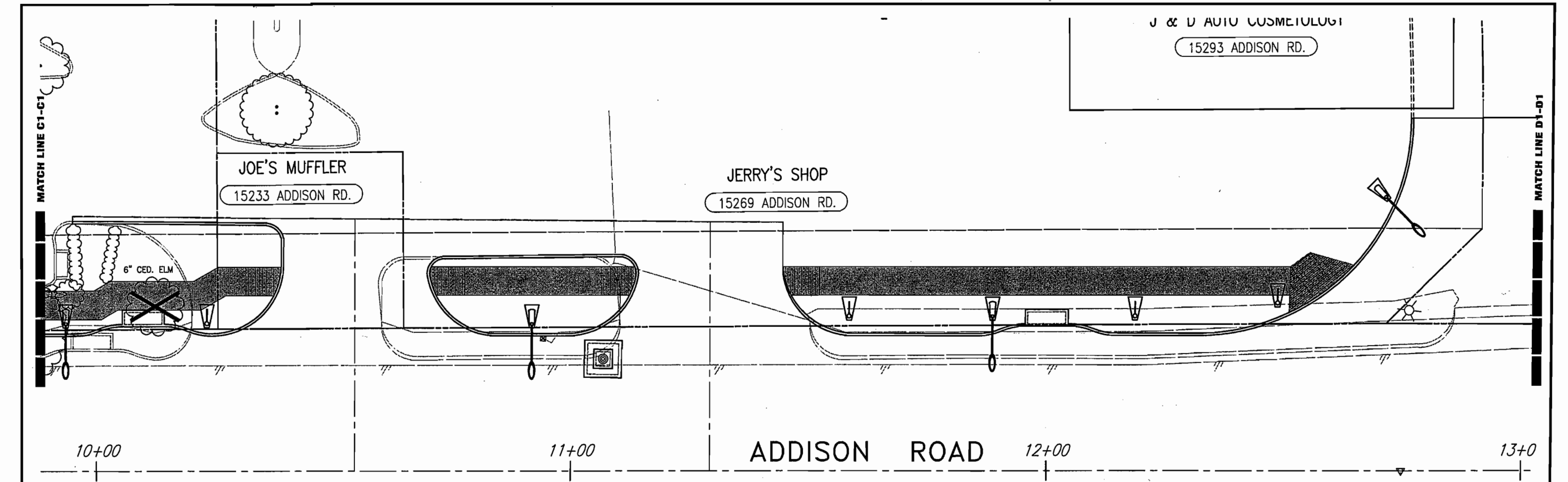
TOWN OF ADDISON, TEXAS

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: _____	PROJECT: 2002 102	SHEET NO. L53
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

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 NOT FOR PERMIT PURPOSES

TREE REMOVAL =

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THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____

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: _____	PROJECT: 2002 102	SHEET NO. LS4
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SHA.DWG 03/02/04 R.L. SCALE: 1"=10'

MATCH LINE C1-C1

MATCH LINE C-C

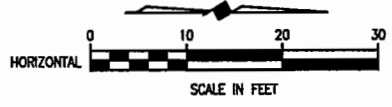
MATCH LINE D1-D1

MATCH LINE D-D

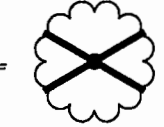
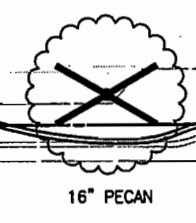
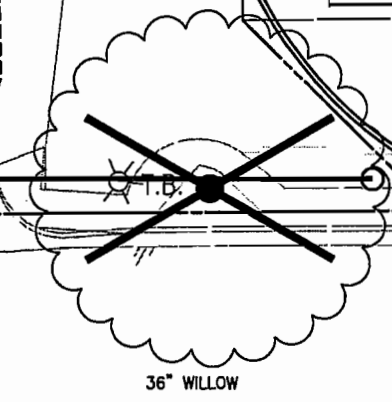
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MATCH LINE D1-D1

MATCH LINE D-D



METRO BRICK
15301 ADDISON RD.

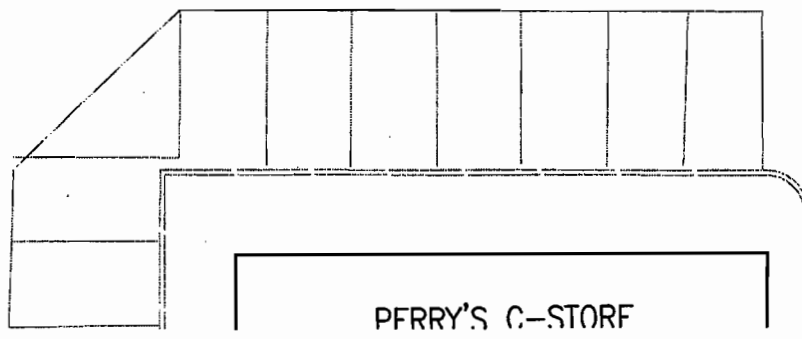


14+00 ADDISON ROAD

15+00

16+00

ARAPAHO ROAD



PERRY'S C-STORF

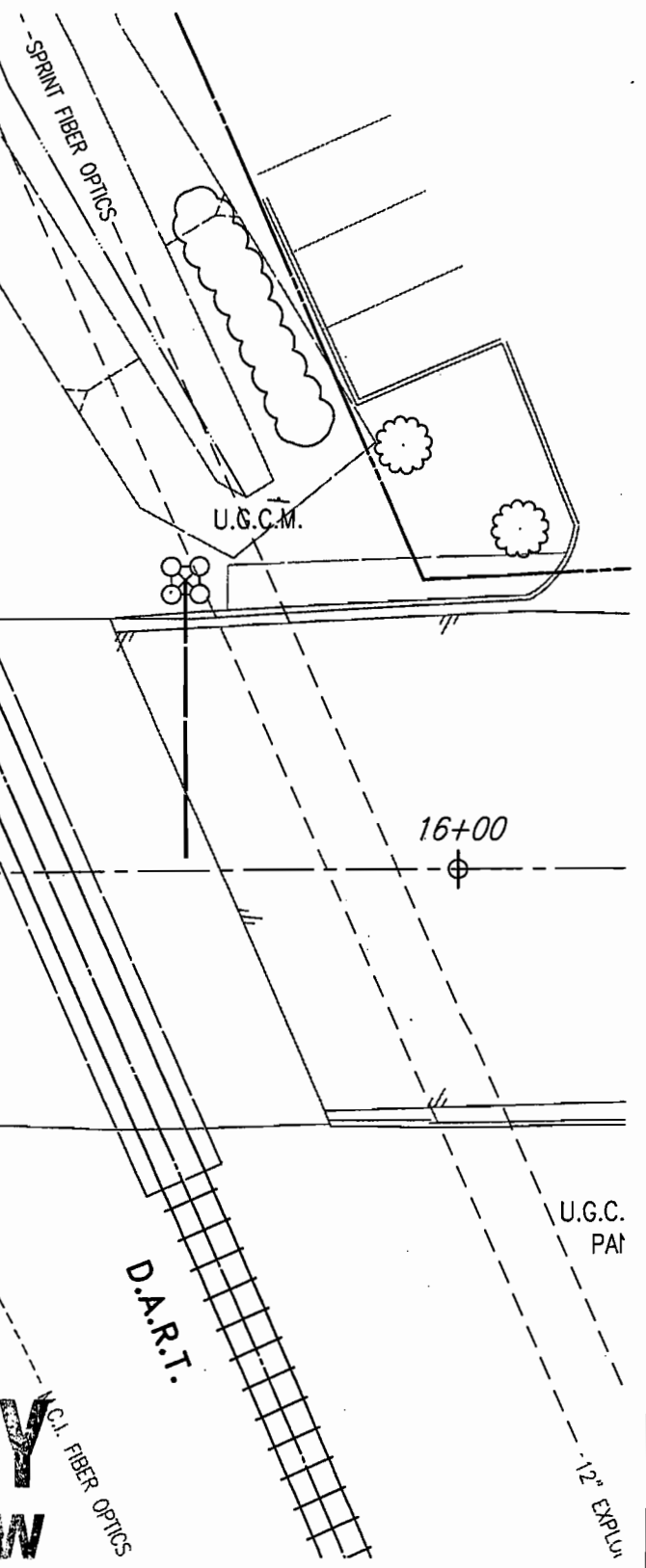
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FOR INTERIM REVIEW
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DATE: _____

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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: _____	PROJECT: 2002 102	SHEET NO. L55
DRAWN BY: _____	DATE: _____	OF 56 SHEETS



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.

February 5, 2004

Mr. Steven Z. Chutchian, P.E.
Assistant City Engineer
Town of Addison
P. O. Box 9010
Addison, Texas 75001-9010

PRELIMINARY

Re: Addison Road

Dear Mr. Chutchian:

We are enclosing the street light and pedestrian light layout for Addison Road between Beltline and Arapaho Road. We originally laid out the lights based on the Town's electrical consultant and then revised to the Town's desired spacing. Each time we have located the poles to minimize conflicts with existing underground utilities. We have also checked to verify that these poles will be within the available right-of-way and easements. All are within available right-of-way or easements except 15233, 15269, 15293 and 15211 Addison Road. We believe that the Town purchased these tracts.

We are also enclosing a summary of our review of the right-of-way and easements on this project. The Sambuca tract will require the trees to be removed without the easement, the Oasis Car Wash and Solly's tracts will not have the proper pavement transition section at the driveway as designed. The 15211 Addison Road Joint Venue and Metro Brick tracts appear to have been purchased by the Town.

We will forward this layout to the landscape architect to complete his plans. We will also forward this plan to the electrical engineer to obtain a revised proposal to complete an electrical design for these lights. From our meetings with Oncor, to take the electrical services underground will require electrical easements to set transformers. We assume this was taken into account during the acquisition of additional property. We will make every attempt to locate those inside the available right-of-way and easements.

We request that the Town review the layout and notify us of any revisions so we may pass them along to the electrical engineer to complete their proposal and the landscape architect to complete his plans. We are available at your convenience to discuss any questions you may have with the layout or our review.

Sincerely,

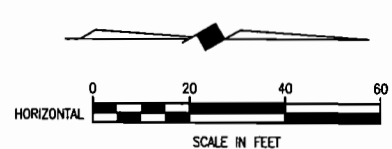
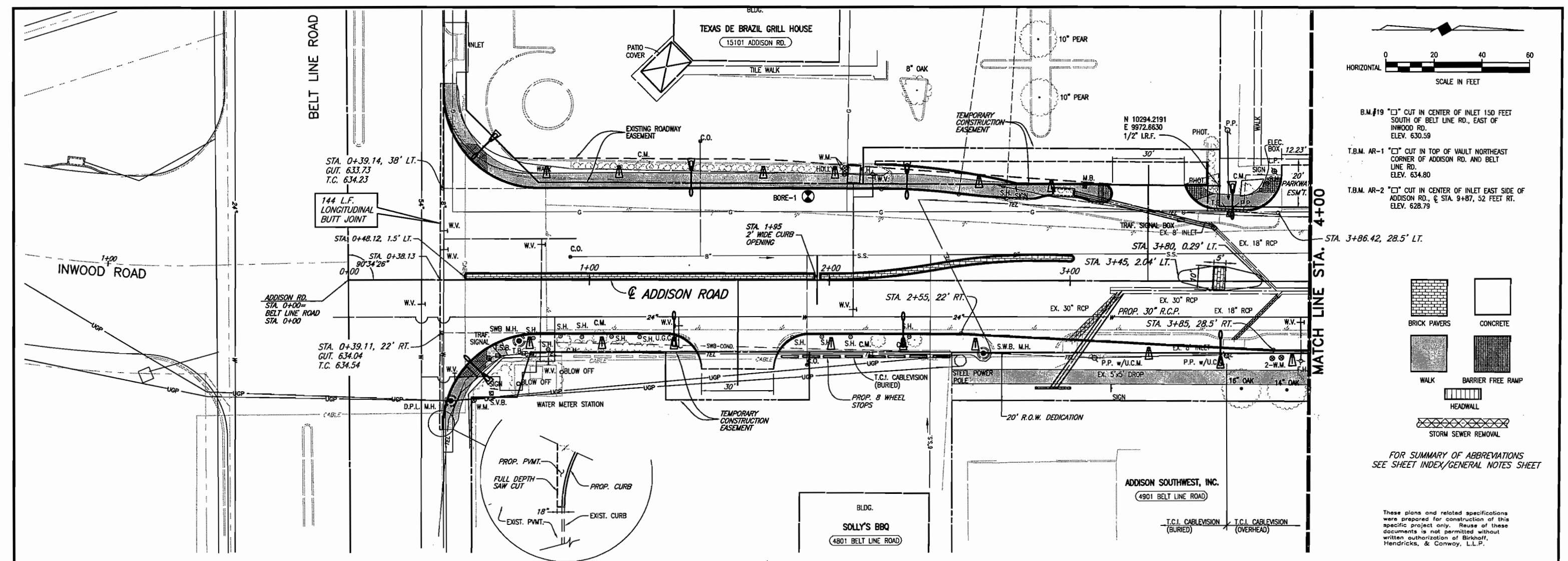

John W. Birkhoff

Enclosure

TOWN OF ADDISON, TEXAS
PAVING & DRAINAGE IMPROVEMENTS TO ADDISON ROAD - PHASE I
(FROM BELTLINE ROAD TO ARAPAHO ROAD)

RIGHT-OF-WAY AND EASEMENT ACQUISITION

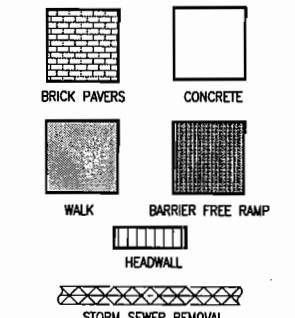
Property Owner	Property Description	Type of Easement	Land Acquired By	Comments
1. Texas De Brazil	15101 Addison Rd.	Temporary Construction Easement		Has been acquired as proposed by BHC
2. Café Capri	15107 Addison Rd.	20' Parkway Easement	Deed	Has been acquired as proposed by BHC
3. Filling Station	15201 Addison Rd.	8' Parkway Easement	Deed	Has been acquired as proposed by BHC
4. Sambuca Café	15207 Addison Rd.	Original 12' R.O.W Dedication		Only have the original 12-foot dedication. Note: The configuration of the proposed sidewalk has to change or trees be removed.
5. Oasis Car Wash	15209 Addison Rd.	8' Parkway Easement	Deed	Has been acquired as proposed by BHC. Note: A temporary 11' construction easement has not been acquired. The paving transition can not occur.
6. 15211 Addison Rd. Joint Venture	15233, 15269 & 15293 Addison Rd.	20' Parkway Easement 11' Temporary Construction Easement		Has not been acquired. Appears City has purchased entire tract.
7. Metro Brick	15301 Addison Rd.	20' Parkway Easement		Has not been acquired. Appears City has purchased entire tract.
8. Solly's B.B.Q.	4801 Belt Line Rd.	15' Temporary Construction Easement		Not acquired. Proposed Drive cannot be constructed as planned.
9. Addison Southwest, LTD.	4901 Belt Line Rd.	20' R.O.W. Dedication		Acquired by platting
10. Outback Steakhouse	15180 Addison Rd.	8' Parkway Easement	Deed	Has been acquired as proposed by BHC
11. Mainstay Suites	15200 Addison Rd.	Original 12' R.O.W. Dedication		No additional R.O.W. required
12. Quorum Center Office Park	15280 Addison Rd.	8' Parkway Easement	Deed	Has been acquired as proposed by BHC
13. Perry's C Store	15350 Addison Rd.	20' Parkway Easement		Has not been acquired. Dart issue.



B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

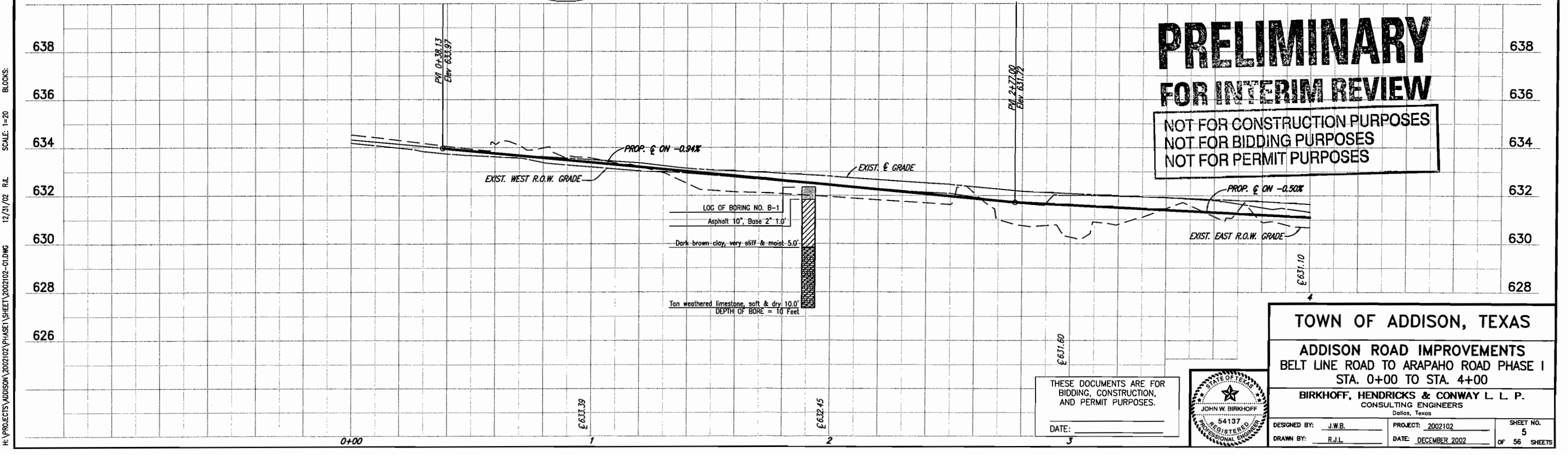
T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., & STA. 9+87, 52 FEET RT. ELEV. 628.79



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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PRELIMINARY
FOR INTERIM REVIEW
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 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STA. 0+00 TO STA. 4+00

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

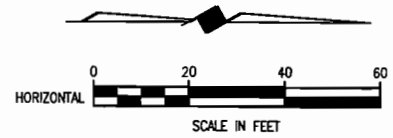
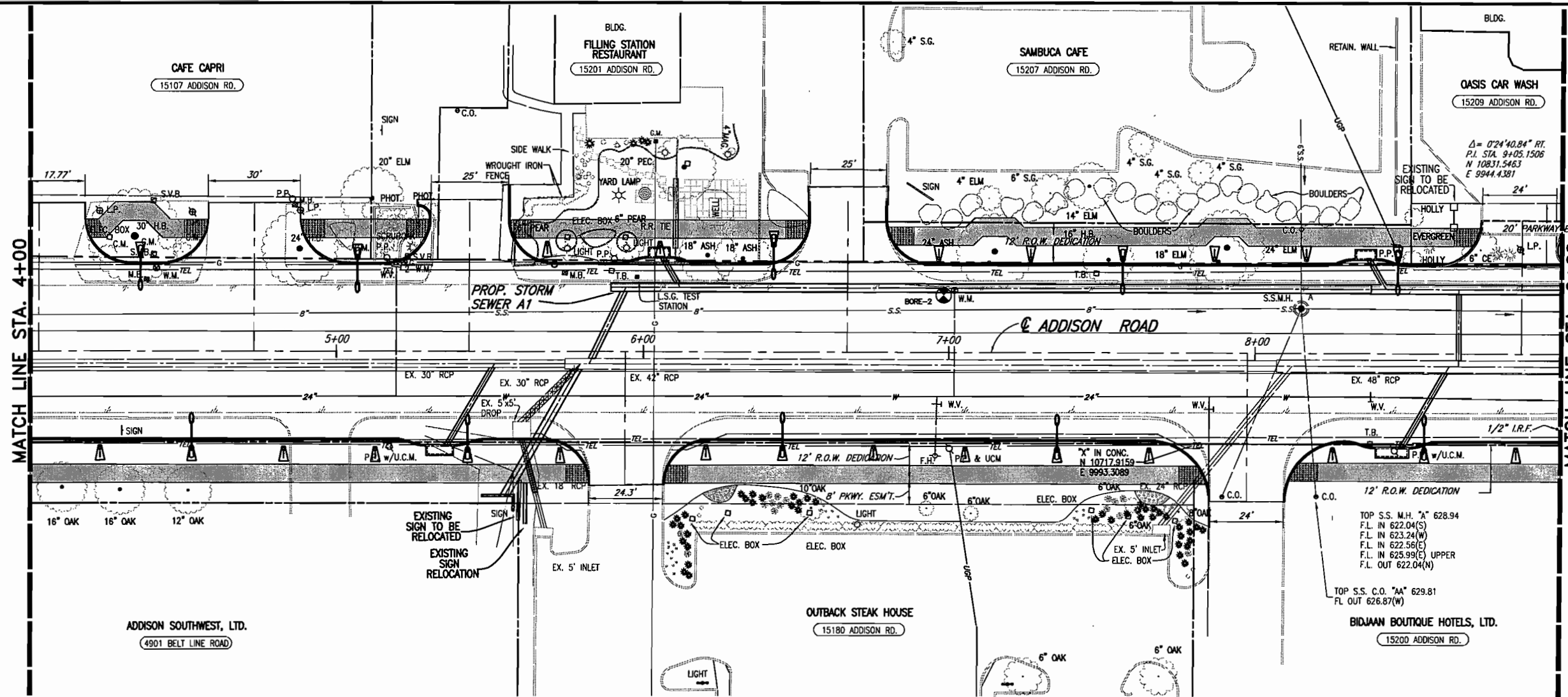
DESIGNED BY: J.W.B. PROJECT: 2002102 SHEET NO. 5
 DRAWN BY: R.J.L. DATE: DECEMBER 2002 OF 56 SHEETS



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

DATE: _____

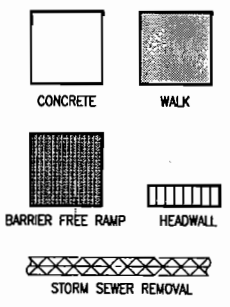
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B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

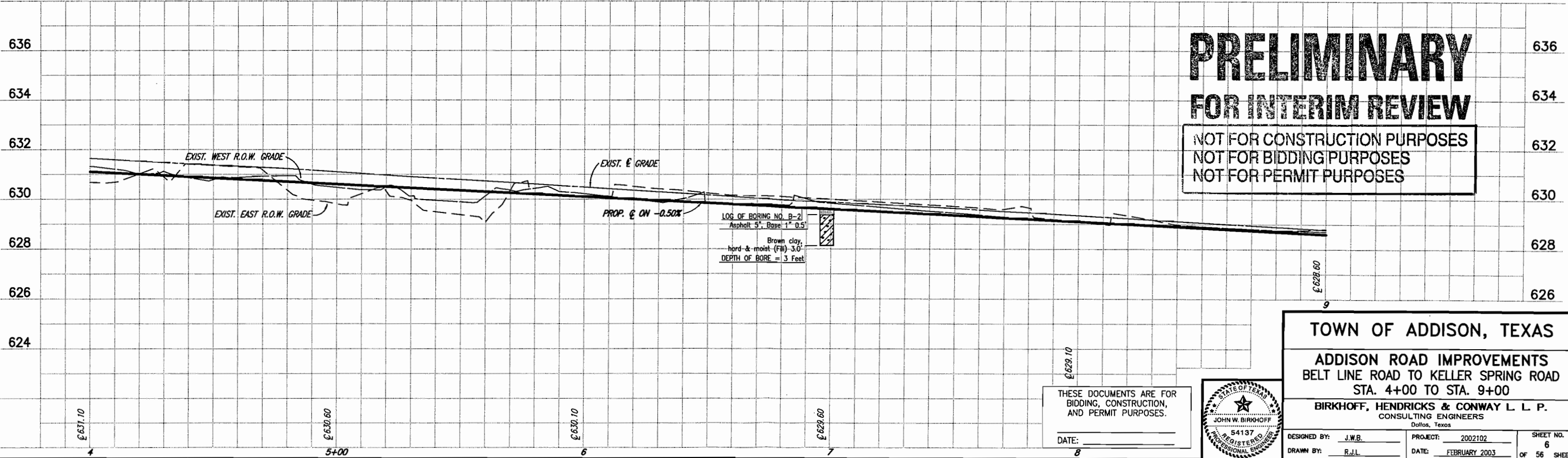
T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., STA. 9+87, 52 FEET RT. ELEV. 628.79

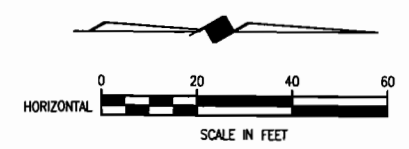
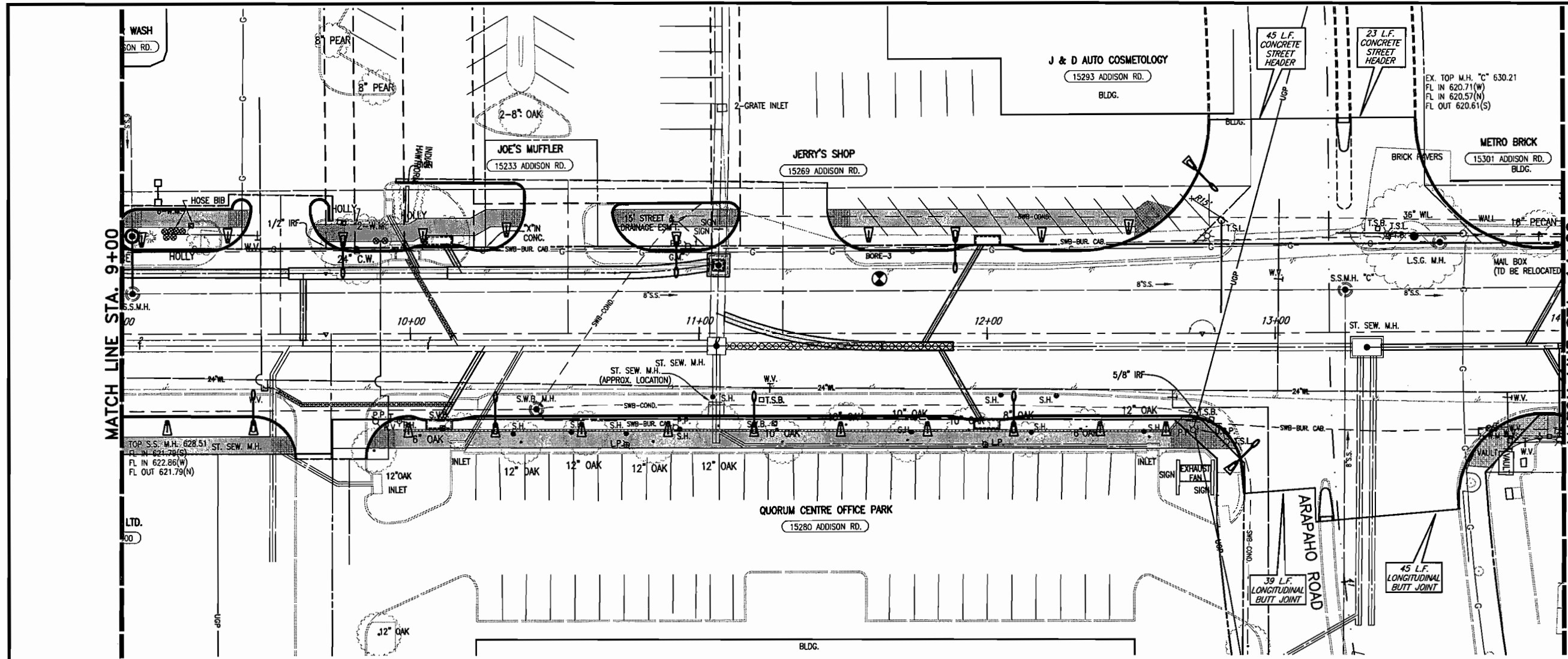


FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

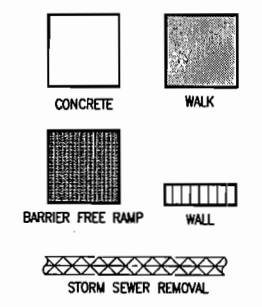
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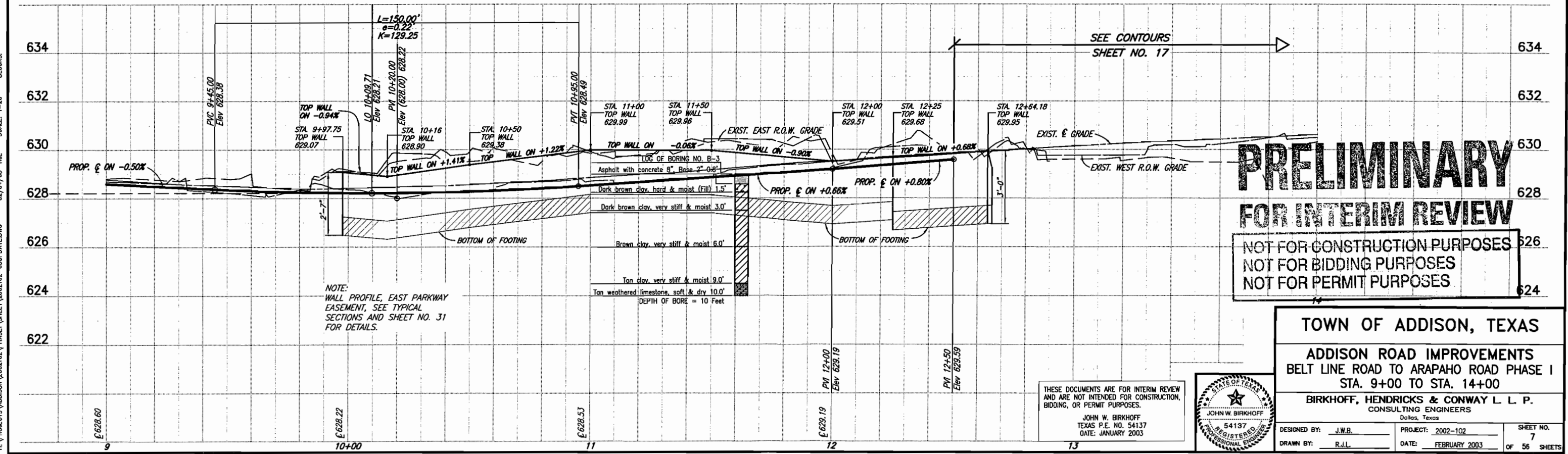


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- T.B.M. AR-3 "□" CUT AT END OF RETAINING WALL, NORTH OF LINDBERGH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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FOR INTERIM REVIEW**

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STA. 9+00 TO STA. 14+00

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

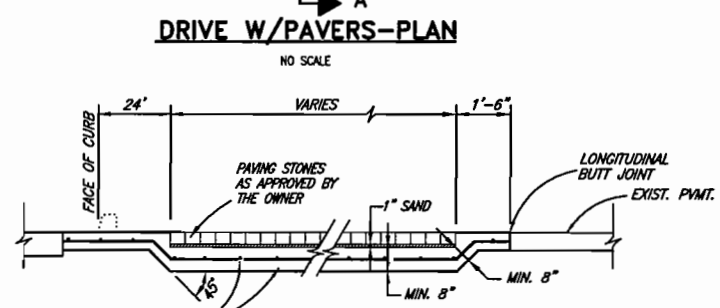
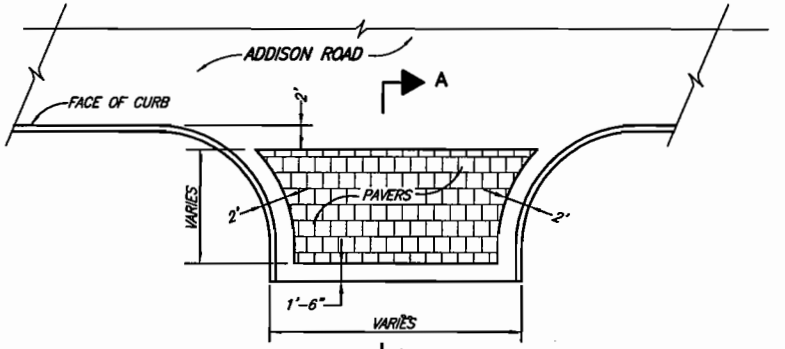
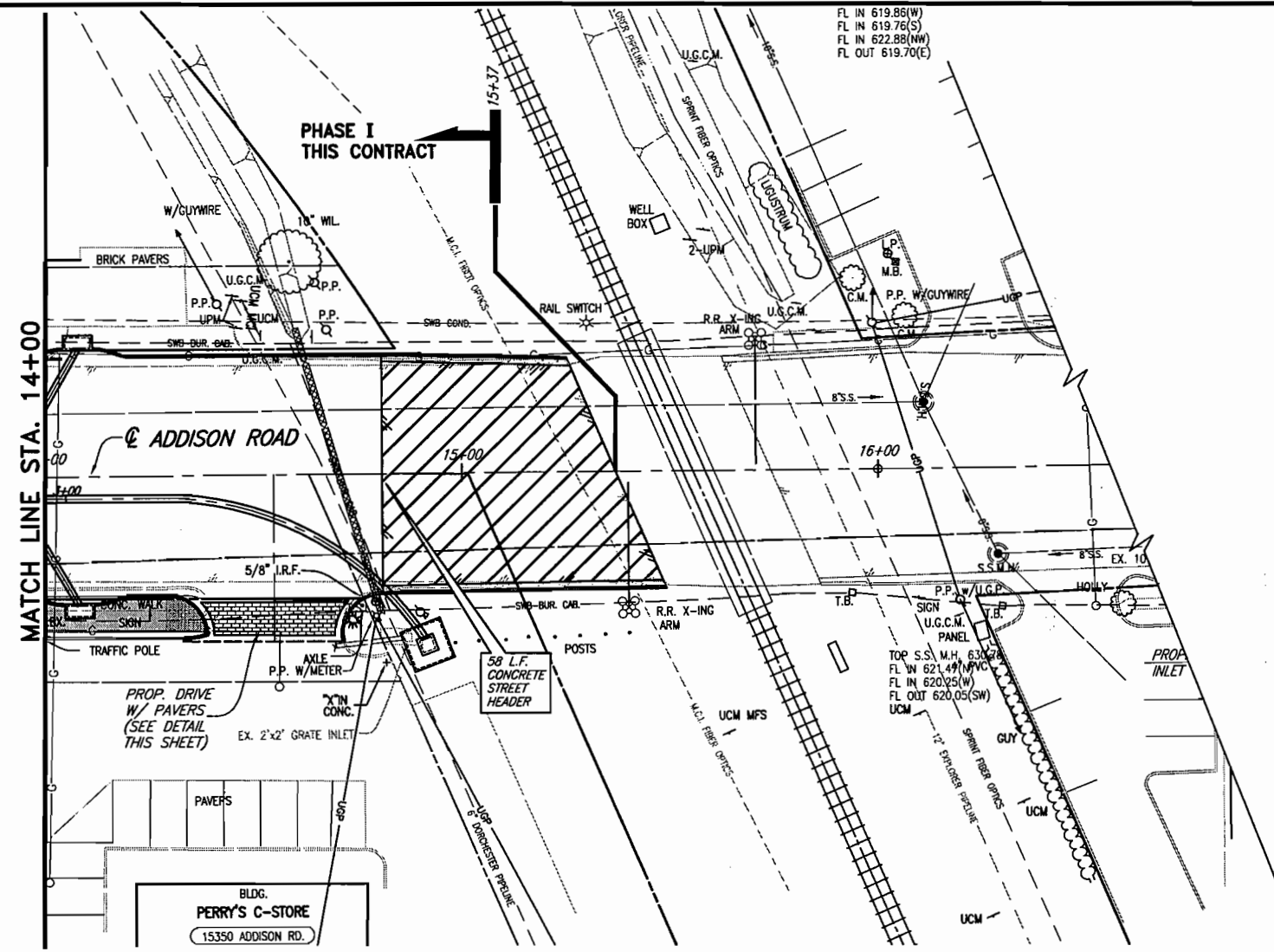
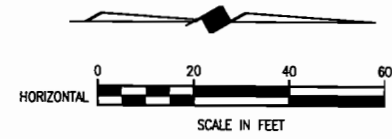


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JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: JANUARY 2003

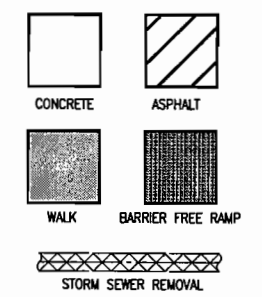
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DRAWN BY: R.J.L. DATE: FEBRUARY 2003 OF 56 SHEETS

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FL IN 619.86(W)
 FL IN 619.76(S)
 FL IN 622.88(NW)
 FL OUT 619.70(E)

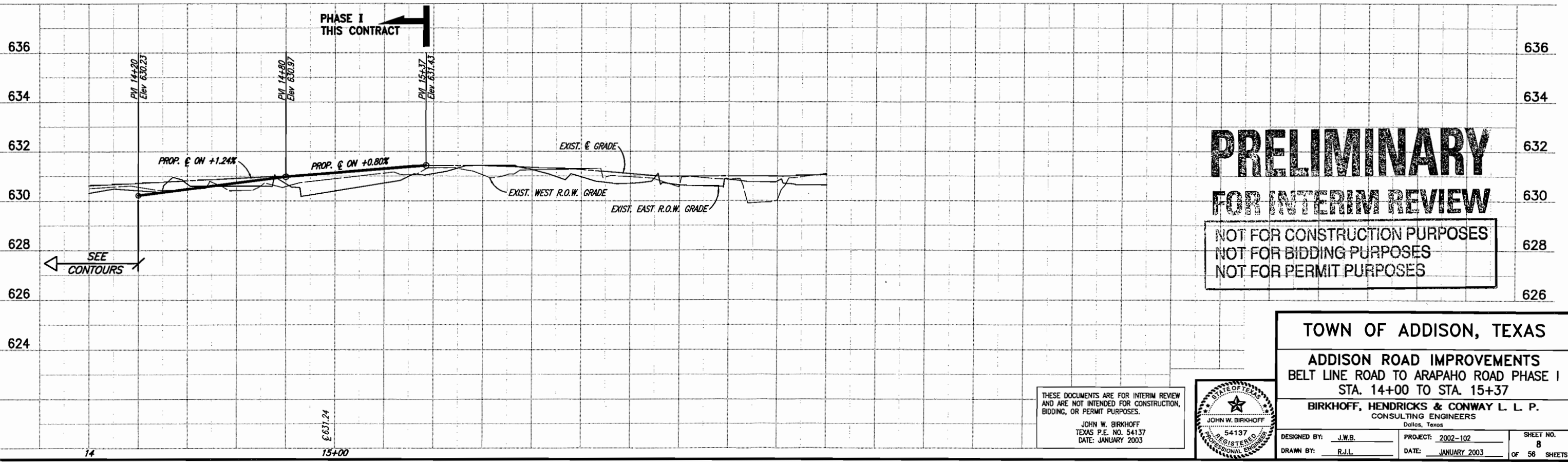


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FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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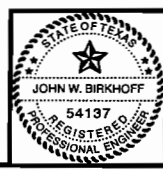
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 FOR INTERIM REVIEW**

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 NOT FOR BIDDING PURPOSES
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TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STA. 14+00 TO STA. 15+37

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

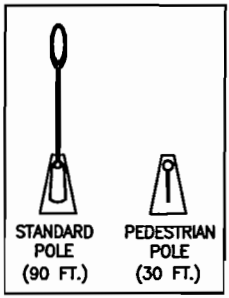
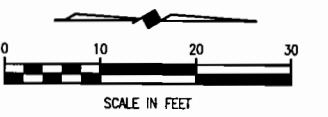
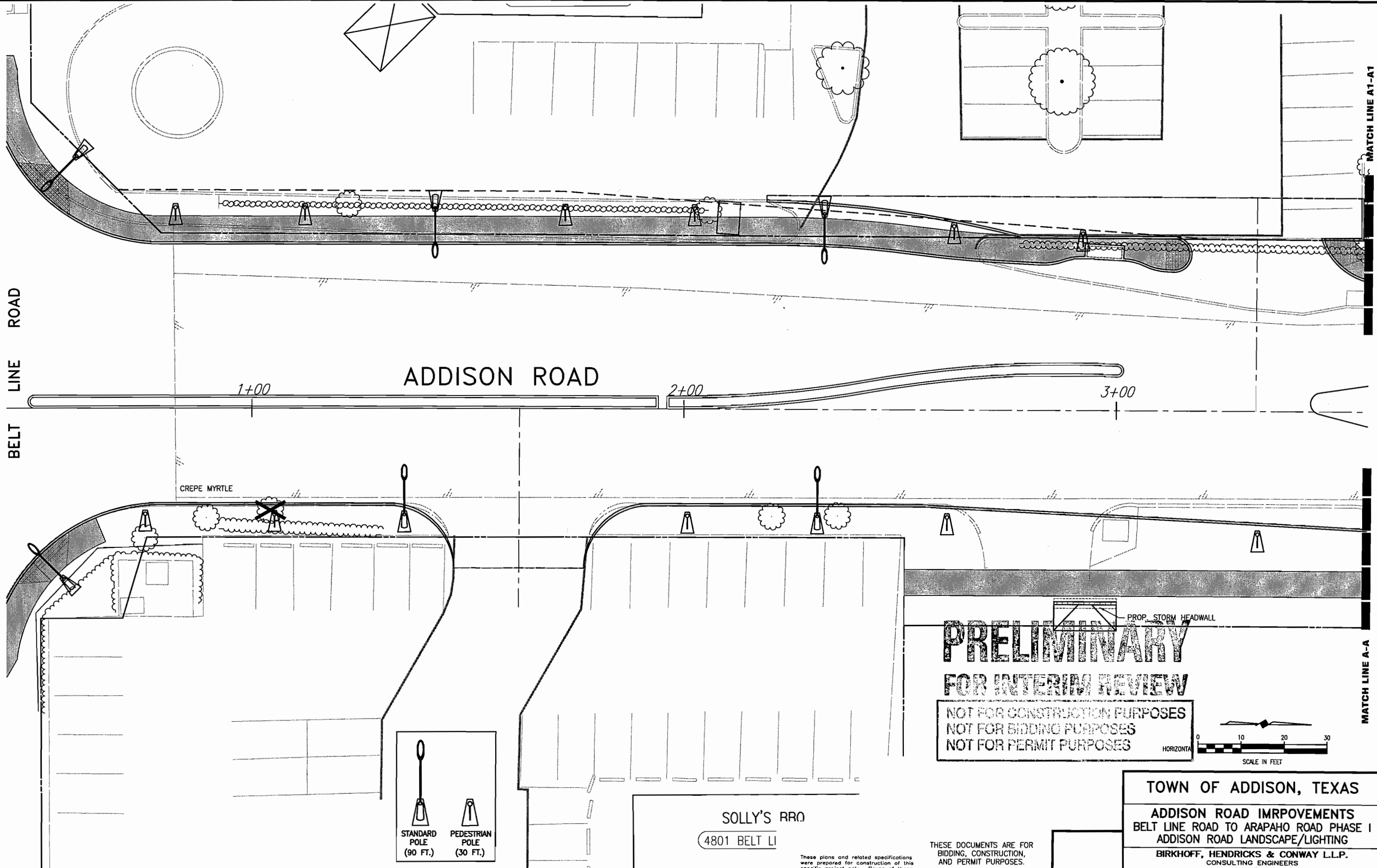
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 JOHN W. BIRKHOFF
 TEXAS P.E. NO. 54137
 DATE: JANUARY 2003



DESIGNED BY: J.W.B. PROJECT: 2002-102 SHEET NO. 8
 DRAWN BY: R.J.L. DATE: JANUARY 2003 OF 56 SHEETS

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H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SH1.DWG 02/04/04 R.L. SCALE: 1=10



SOLLY'S RR
 4801 BELT LI

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THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____

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: _____	PROJECT: 2002 102	SHEET NO. LS1
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SK2.DWG 01/31/04 R.L. SCALE: 1"=10'

MATCH LINE A1-A1

MATCH LINE B1-B1

MATCH LINE A-A

MATCH LINE B-B

CAFE CAPRI

15107 ADDISON RD.

FILLING STATION RESTUARANT

15201 ADDISON RD.

24" HACK.

18" ASH 18" ASH

4+00

5+00

6+00

ADDISON ROAD

4901 BELT LINE ROAD

PROP. STORM HEADWALL

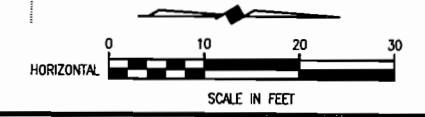
PRELIMINARY
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NOT FOR BIDDING PURPOSES
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DATE: _____



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

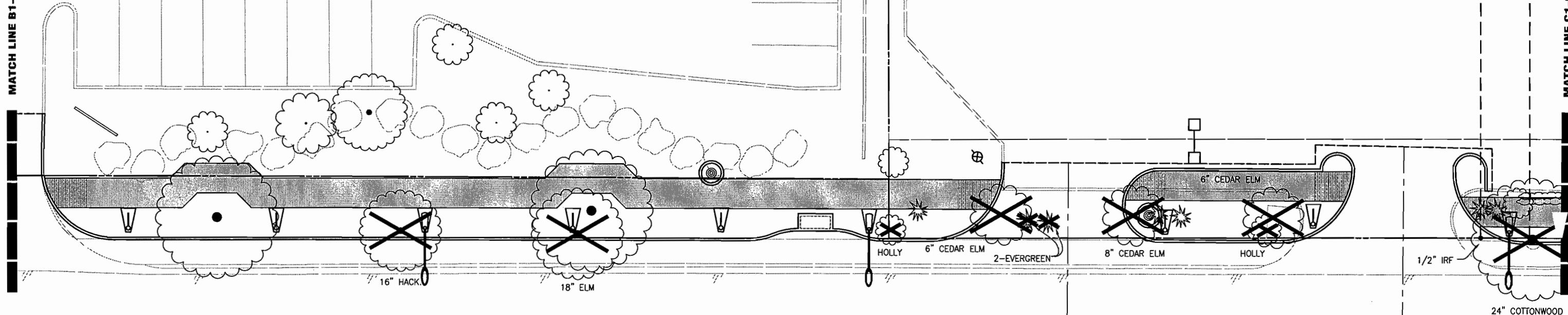
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DRAWN BY: _____ DATE: _____ OF 56 SHEETS

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MATCH LINE B1-B1

MATCH LINE C1-C1

SAMBUCA CAFE
15207 ADDISON RD.



7+00

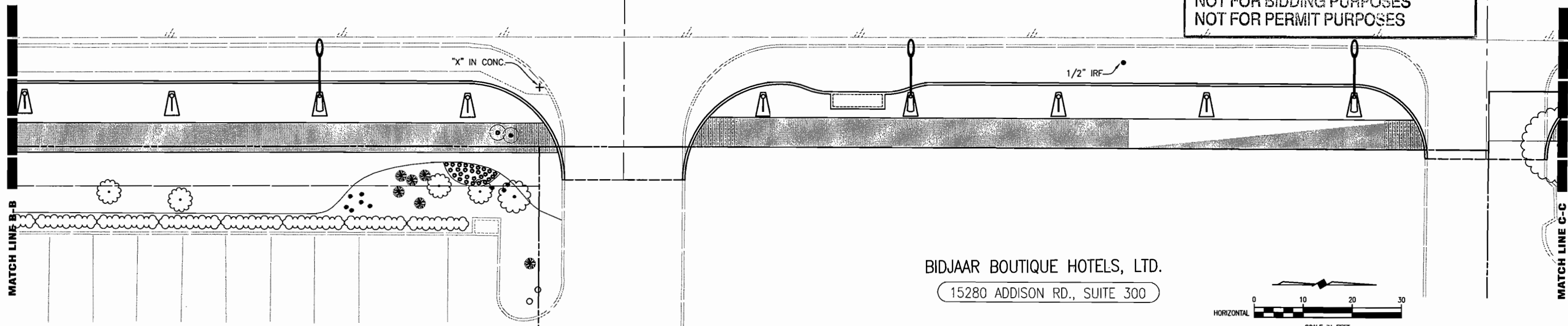
8+00

ADDISON ROAD

9+00

PRELIMINARY
FOR INTERIM REVIEW

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

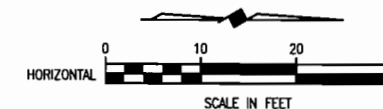


MATCH LINE B1-B1

MATCH LINE C1-C1

BIDJAAR BOUTIQUE HOTELS, LTD.

15280 ADDISON RD., SUITE 300



STEAK HOUSE
ADDISON RD.

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DATE: _____

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: _____
DRAWN BY: _____

PROJECT: 2002 102
DATE: _____

SHEET NO.
LS3
OF 56 SHEETS

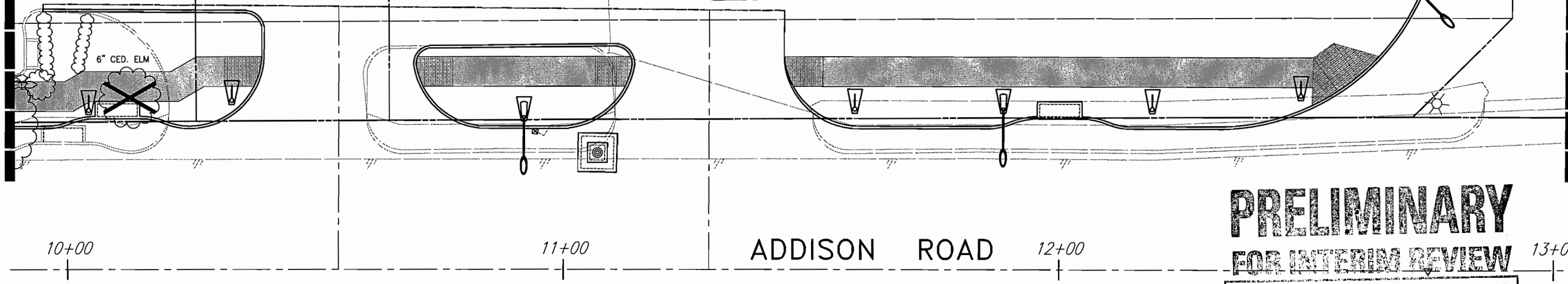
J & D AUTO COSMETOLOG
15293 ADDISON RD.

JOE'S MUFFLER
15233 ADDISON RD.

JERRY'S SHOP
15269 ADDISON RD.

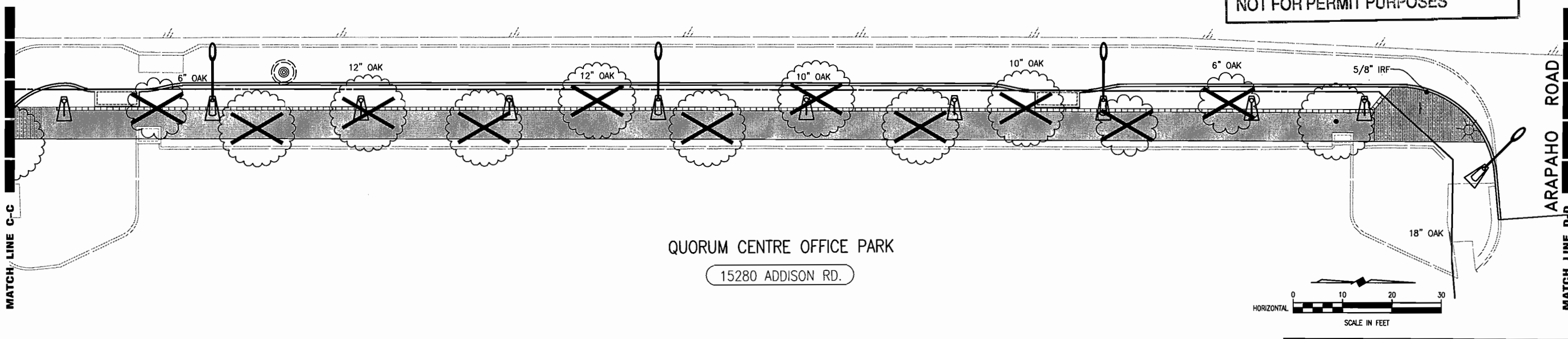
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MATCH LINE D1-D1



PRELIMINARY
FOR INTERIM REVIEW

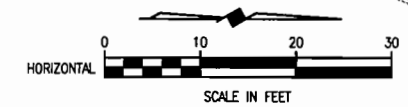
NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES



MATCH LINE D-D
ARAPAHO ROAD

MATCH LINE C-C

QUORUM CENTRE OFFICE PARK
15280 ADDISON RD.



H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SH4.DWG 01/31/04 R.L. SCALE: 1=10

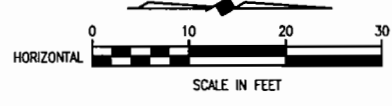
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TOWN OF ADDISON, TEXAS		
ADDISON ROAD IMPROVEMENTS BELT LINE ROAD TO ARAPAHO ROAD PHASE I ADDISON ROAD LANDSCAPE/LIGHTING		
BIRKHOFF, HENDRICKS & CONWAY L.L.P. CONSULTING ENGINEERS Dallas, Texas		
DESIGNED BY: _____	PROJECT: 2002 102	SHEET NO. LS4
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SH5.DWG 01/14/03 R.L. SCALE: 1=10



METRO BRICK
15301 ADDISON RD.

MATCH LINE D1-D1

MATCH LINE D-D

ARAPAHO ROAD

14+00 ADDISON ROAD

15+00

16+00

PERRY'S C-STORF

**PRELIMINARY
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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: _____
DRAWN BY: _____

PROJECT: 2002 102
DATE: _____

SHEET NO.
LSS
OF 56 SHEETS

SPRINT FIBER OPTICS

M.C.I. FIBER OPTICS

U.G.C.M.

U.G.C. PAT

D.A.R.T.

12" EXPL.

6" DORCHESTER

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.

April 9, 2004

Mr. Steven Z. Chutchian, P.E.
Assistant City Engineer
Town of Addison
P. O. Box 9010
Addison, Texas 75001-9010

Re: Addison Road

Dear Mr. Chutchian:

We are enclosing the revised street light and pedestrian light layout for Addison Road between Beltline and Arapaho for the Town's approval. This revised layout is in accordance with your latest email to provide spacing on the street lighting of 90 to 100 feet and the pedestrian lighting of approximately 45 feet. Once we receive your approval we will again release the electrical, landscape architect and irrigator to complete the plans.

We are available at your convenience to discuss any questions you may have with the layout or our review.

Sincerely,

John W. Birkhoff

John W. Birkhoff

Enclosure

*APPROVAL
GIVEN TO JOHN B.
BY EMAIL on 4/12/04*

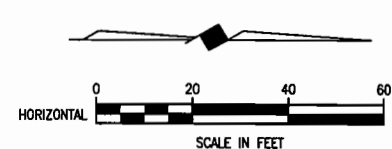
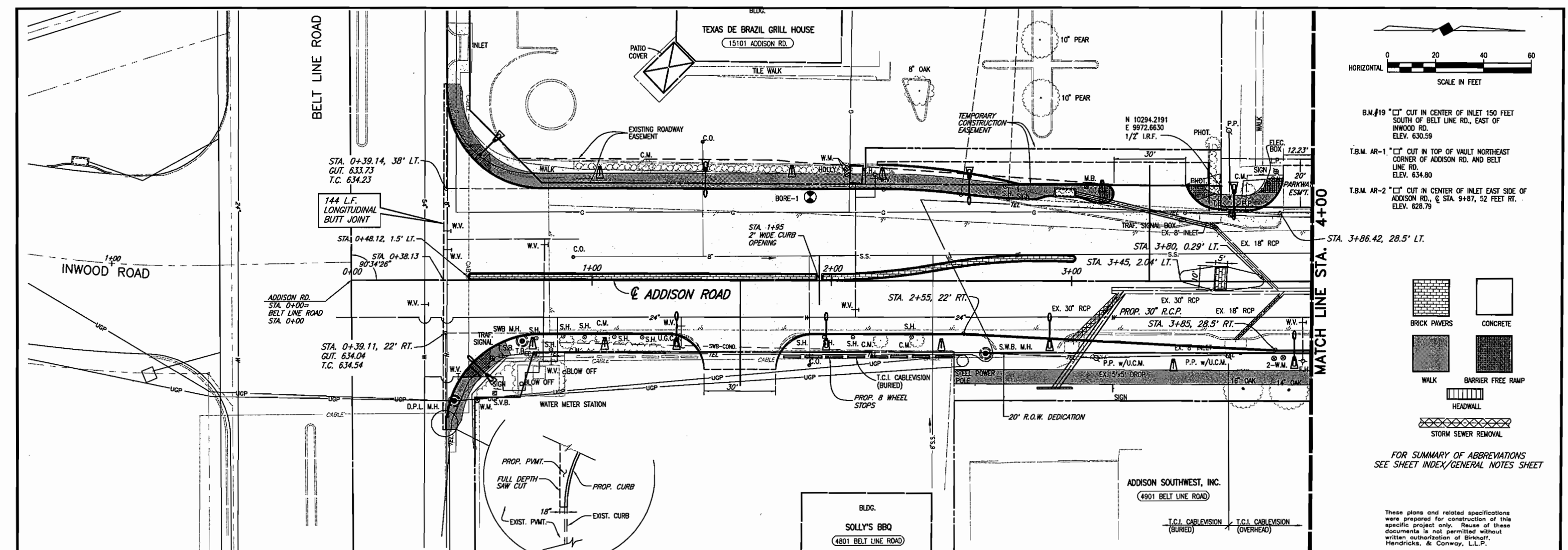
Steve Chutchian

To: jbirkhoff@bhcllp.com
Cc: Mike Murphy; Jim Pierce; Luke Jalbert
Subject: Addison Rd. Widening

John:

We received the revised street light and pedestrian light layout for Addison Rd. and find it to be acceptable. Please proceed to complete the final design of the project, including the electrical, landscaping and irrigation components. In addition, please forward a schedule for submittal of final plans for our review and comments. With the understanding that utility relocation will remain an issue for resolution, we need to bid this project as soon as possible. Your assistance in finalizing this project for bidding and construction is necessary and appreciated.

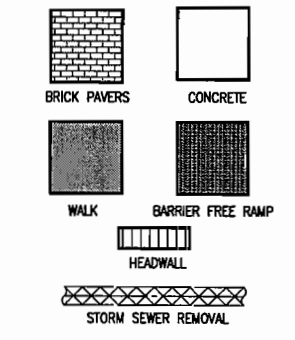
Steve C.



B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

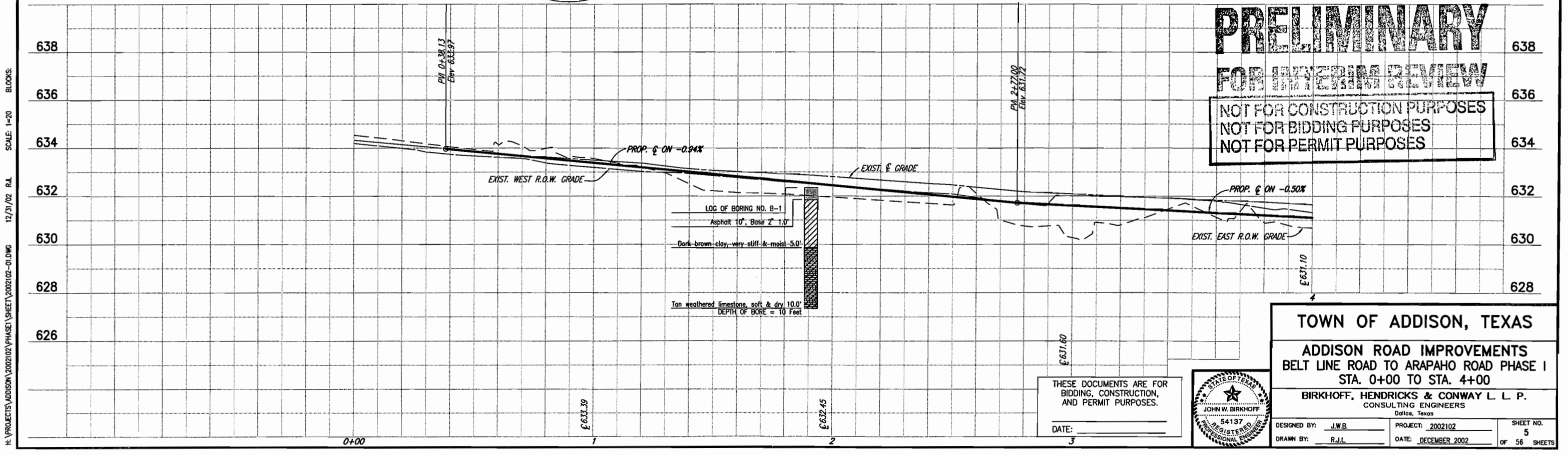
T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

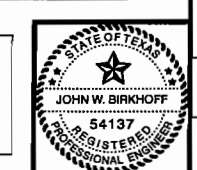
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PRELIMINARY
FOR INTERIM REVIEW
 NOT FOR CONSTRUCTION PURPOSES
 NOT FOR BIDDING PURPOSES
 NOT FOR PERMIT PURPOSES

BLOCKS: SCALE: 1"=20' 12/31/02 R.L. H:\PROJECTS\ADDISON\2002\02\PHASE1\SHEET\2002\02-01.DWG

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____

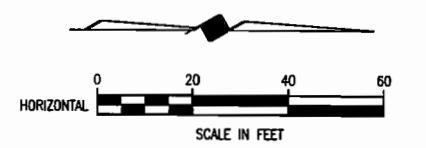
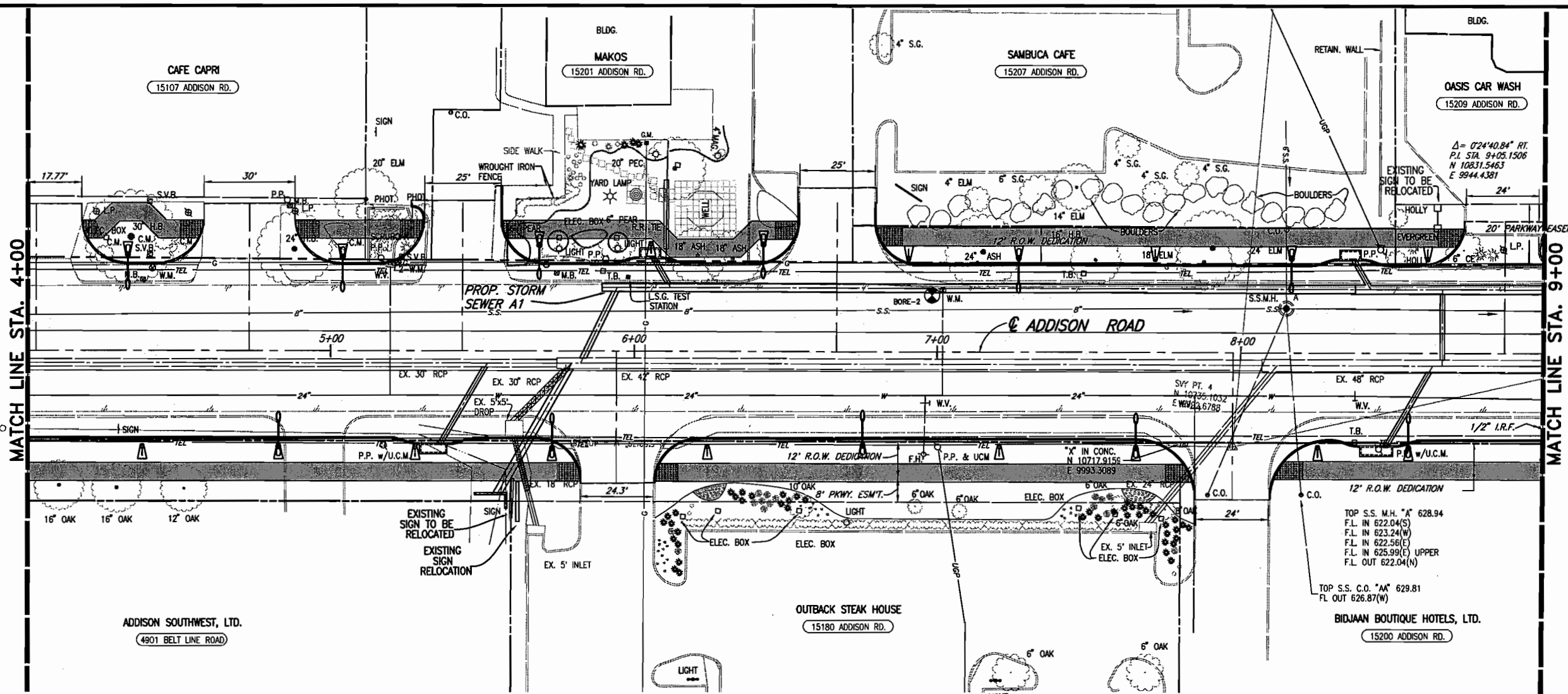


TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STA. 0+00 TO STA. 4+00

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

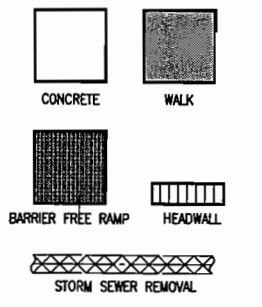
DESIGNED BY: J.W.B.	PROJECT: 2002102	SHEET NO. 5
DRAWN BY: R.L.L.	DATE: DECEMBER 2002	OF 56 SHEETS



B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

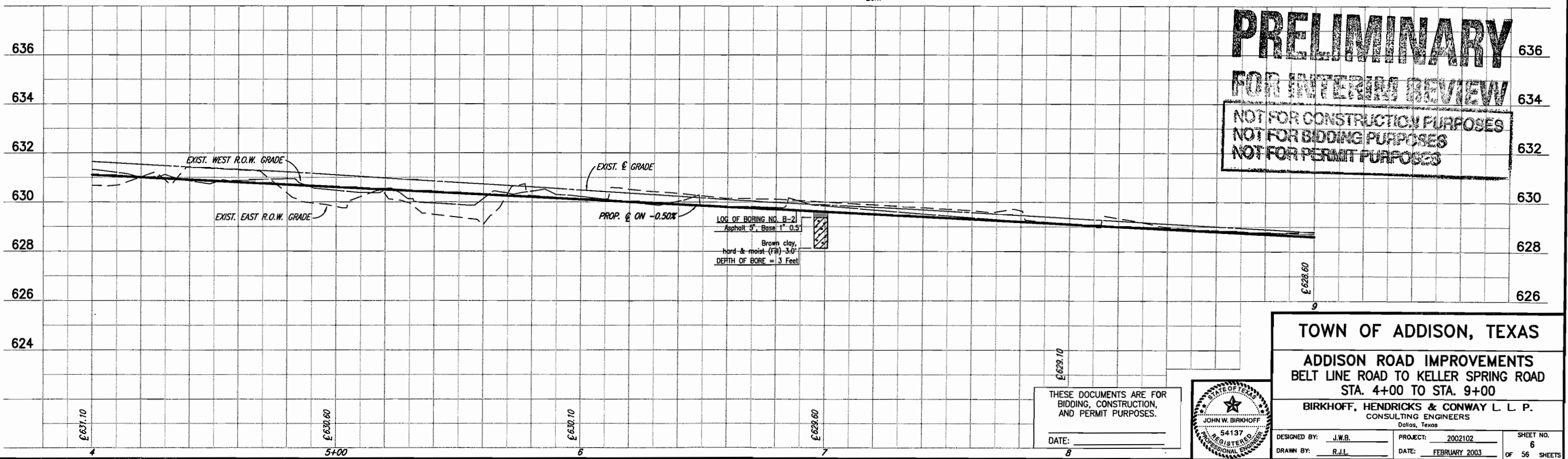
T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: _____



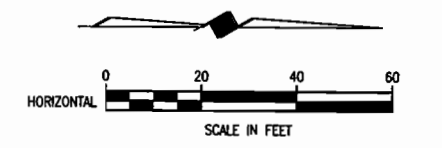
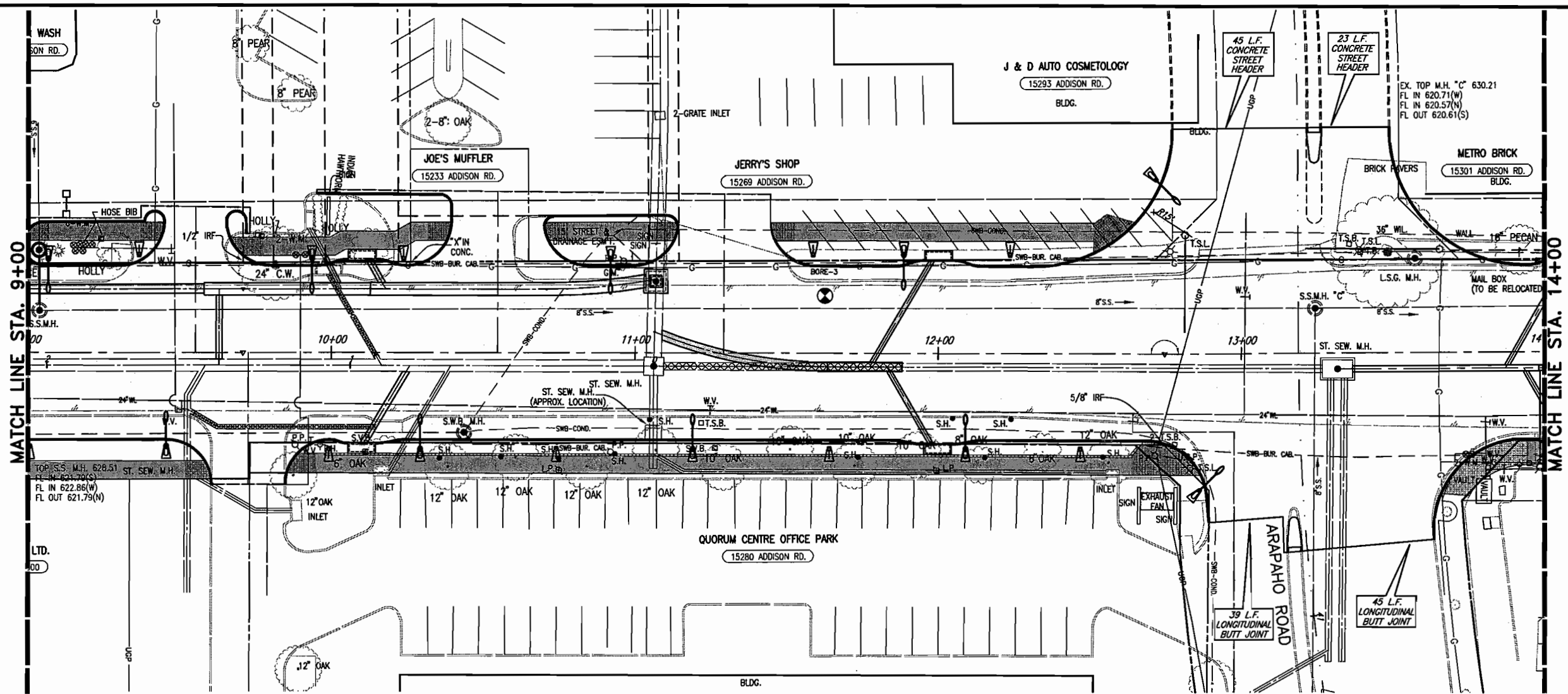
TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO KELLER SPRING ROAD
 STA. 4+00 TO STA. 9+00

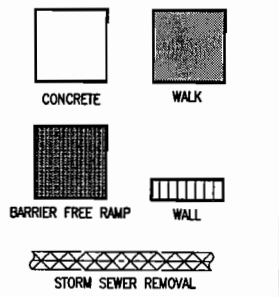
BIRKHOFF, HENDRICKS & CONWAY L. L. P.
 CONSULTING ENGINEERS
 Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 2002102	SHEET NO. 6
DRAWN BY: R.J.L.	DATE: FEBRUARY 2003	OF 56 SHEETS

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 04/21/03 RLL
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 BLOCKS: PAV-PROF02

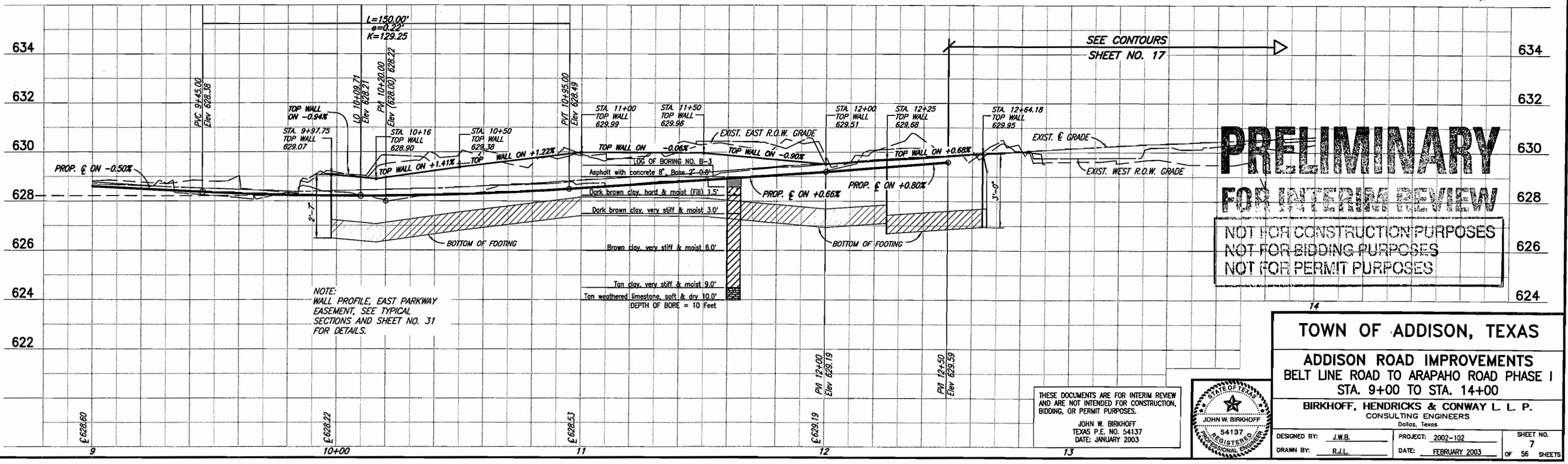


- B.M. #19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
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- T.B.M. AR-3 "C" CUT AT END OF RETAINING WALL, NORTH OF UNDERBUSH DR., WEST SIDE OF ADDISON RD., @ STA. 18+76, 45 FEET LT. ELEV. 635.38



FOR SUMMARY OF ABBREVIATIONS SEE SHEET INDEX/GENERAL NOTES SHEET

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PRELIMINARY
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 NOT FOR PERMIT PURPOSES

TOWN OF ADDISON, TEXAS
 ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STA. 9+00 TO STA. 14+00



THESE DOCUMENTS ARE FOR INTERIM REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
 JOHN W. BIRKHOFF
 TEXAS P.E. NO. 54137
 DATE: JANUARY 2003

DESIGNED BY: J.W.B.	PROJECT: 2002-102	SHEET NO. 7
DRAWN BY: R.J.L.	DATE: FEBRUARY 2003	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\DRAWING\2002102-03\UPDATE.DWG
 02/04/03 R.L. SCALE: 1"=20' BLOCKS:

Steve Chutchian

From: Mike Murphy
Sent: Monday, February 23, 2004 3:37 PM
To: Ron Whitehead; Chris Terry
Cc: Jim Pierce; Steve Chutchian; Luke Jalbert; Robin Jones
Subject: Gensler Lighting Package

Ron, Chris,

As you know, the Gensler Lighting Package we originally received was much too costly and the light intensity and spacing was too extreme. Therefore, we asked Mark Healy to reduce the light package by 50% and re-submit. He did do that a couple of weeks ago. By reducing the spacing of lights (eliminating number of fixtures) by approximately 40-45% the illumination was reduced by approximately 50%. (Note: The illumination intensity per fixture did not change). *New spacing is...street light every 90 feet and pedestrian light every 30 feet with a ped light mounted to street light when the two overlapped.*

We then took the new lighting layout and gave to both Hewitt/Zollars for Spectrum and Birkhoff for Addison Road and asked that they incorporate into their individual designs.

We also asked that Hewitt/Zollars get with Site Concrete (Contractor on Spectrum Construction) to develop a Change Order to reflect the new Light Package. We are currently waiting for this and will present to you both before we move forward.

We are also working with Mark Healy (Gensler) to erect a prototype light pole and fixture. Mark along with manufacturer are currently fabricating this new set up. We have selected a location near intersection of Arapaho and Addison Road and are awaiting delivery of new Pole and Fixture.

Hopefully...this email addresses any light questions you have, if not, please give me a call and/or we can go over in more detail at our Monday Morning Meeting on March 1, 2004.

Thanks....

Mike

Michael E. Murphy, PE
Director of Public Works
(972) 450-2878 Work
(214) 215-5280 Mobile
(972) 450-2837 Fax

E-Mail: mmurphy@ci.addison.tx.us

Steve Chutchian

To: Chris Terry
Cc: Jim Pierce; Jenny Nicewander
Subject: Addison Road Schedule

Chris:

As we discussed, I contacted the engineer, John Birkhoff, regarding the anticipated construction schedule for Addison Road. He stated that the total construction time frame, without any incentive factored into the schedule, is approximately 8 months. With incentive pay included, it could be completed as early as 6 months from the start of construction. If we back the completion date from December 2005, construction would need to begin by July 1, 2005. We probably could finish landscaping and clean-up activities into January without any disruption to adjacent properties.

You and I are scheduled to meet with Randy Newsom and James Davis, with TXU Electric Delivery, on Friday, the 18th, at 1:30 p.m. I talked to James Davis about the delivery date of the concrete power poles and he stated that he did not get the poles ordered. We have a situation of complete lack of performance by Mr. Davis. We are now in a position that the poles cannot come in sooner than June 2005, and the other utilities will be connecting to TXU's poles into the start of our construction project. At our meeting on Friday, Mr. Newsom must give us some assurance that he will accelerate the pole delivery and relocation, in order to permit the other utilities to become clear in advance of the construction contractor.

James also indicated that he has a facilities service agreement for Addison Rd. that must go to Council this spring. This agreement lays out the costs for the new poles and the relocation costs. This is routine. However, the continued delay in delivery of the power poles has once again placed the Town in a time crunch. We now need their utmost cooperation.

Both the Public Works and Parks Departments should bless the final engineering plans and specifications in a week +/- . The right-of-way is acquired. Utility relocation is the only remaining issue prior to bidding the project. Thanks.

Steve C.

Steve Chutchian

From: Slade Strickland
Sent: Friday, February 04, 2005 1:24 PM
To: 'jbirkoff@bhcllp.com'
Cc: Steve Chutchian; Ron Lee; Jenny Nicewander
Subject: Pavers - Brick

The median pavers we used on Arapaho are Glen Gary Autumn Haze red. The retaining wall brick is unknown, but we can instruct the contractor to use brick to match the retaining wall at the intersection of Arapaho Road and Business Avenue. I don't remember there being street pavers, but if so they should be Pine Hall red flashed.

Slade Strickland
Director of Parks and Recreation
Town of Addison

- **Direct Office - 972.450.2869**
- **Fax - 972.450.2834**
- **Cell - 972.489.4426**

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.

December 20, 2004

Mr. Steven Z. Chutchian, P.E.
Assistant City Engineer
Town of Addison
P. O. Box 9010
Addison, Texas 75001-9010

Re: Addison Road

Dear Mr. Chutchian:

We are enclosing three sets of preliminary plans for the Paving and Drainage Improvements to Addison Road from Beltline Road to Quorum Drive for the Town's review and comment. These plans are also being forwarded to the utility companies.

We are available at your convenience to discuss any questions you may have with the layout or our review.

Sincerely,



John W. Birkhoff

Enclosure

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

CONSULTING ENGINEERS

7502 Greenville Ave., #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

Monthly Status Report

Progress Thru: July 2004

Project: Paving and Drainage Improvements to Addison Road Phase I (from Beltline Road to Arapaho Road)

Had meeting TXU to go over the layout with direction to plot longitude and latitude for TXU to complete FAA permit process.

After meeting had direction to also locate power poles.

Talked with James Davis with TXU to get pole layout.

TXU completed pole layout and second meeting set up to get that information to us.

We received the plot with the general location of the utility poles (No stationing) and completed the located of street lights and power poles and forwarded plots to Jim Pierce.

TXU notified us of pole changes and we revised plans and resent to Jim Pierce.

Steve Chutchian

To: John Birkhoff
Subject: RE: Addison Street & Pedestrian Lighting Project

John: We have discussed the summary from Campos Engineering that was forwarded to us. After a lot of deliberation, we feel that the 90 ft. spacing on the street lights is good, or could be lengthened to 100 ft. spacing (we have 100 ft. spacing now on our new Festival Way in the Arts & Events District). We also feel that the pedestrian lights can be increased to a 45 ft. spacing, or at the mid-point of each street light. With this change in the lighting layout, it will hopefully get us closer to Campos Engineering's recommendation. Your assistance is appreciated. Thanks.

Steve C.

-----Original Message-----

From: John Birkhoff [mailto:JBirkhoff@BHCLLP.COM]
Sent: Friday, April 02, 2004 3:55 PM
To: Steve Chutchian
Subject: Fwd: Addison Street & Pedestrian Lighting Project

Steve, when the Town removed a number of street lights our electrical engineer was concerned with acceptable lighting levels (lawsuits and such!). With the plans they have evaluated the lighting levels and forwarded me the following summary. Please review and let me know if this is in line with the work you were doing with Ginsler. Thanks.
>>> "Jerri Neese" <jneese@camposengineering.com> 04/02/04 03:27PM >>>
Good afternoon Mr. Birkhoff,

As we had discussed on the phone this afternoon, we have performed some preliminary calculations using the fixture spacing as provided. We are in contact with the fixture representative and manufacturer for IES photometric data, but as of today we have not received this information. We have substituted a similar fixture in order to get a feel for the lighting levels we might achieve. We were somewhat surprised to calculate an average of about 3.3 fc or about 3 times the IES recommended levels for this roadway type. You should note that our calculations do not include any benefit from the pedestrian lighting standards as these were not included in this calculation.

It should be noted that upon receipt of the IES photometric data that these values may increase or decrease. We would assume a variance of no more than 15%. Based on this assumption we felt it worthwhile to make you aware of our concerns regarding these levels. Our recommendation would be for a 1 fc average layout. Should the client prefer a brighter roadway we would not recommend exceeding a 2 fc average.

Please let me know should you have any questions regarding the above.

Sincerely,

Jerri Neese, P.E.
Campos Engineering, Inc.
7430 Greenville Ave
Dallas, TX 75231
214.696.6291/361.6298 fax

ALBERT-ADDISON LP

6750 Hillcrest Plaza Drive / LB 4 / Suite 300 / Dallas, Texas 75230
972-239-5800 Fax: 972-239-5840

March 23, 2004

Mr. Steve Chutchian
Assistant City Engineer
Town of Addison
16801 Westgrove Drive
PO Box 9010
Addison, Texas 75001-9010


Re: 4801 Belt Line Road

Mr. Chutchian,

In response to your review comments, we authorize the Town of Addison to access our property at 4801 Belt Line Road for any future construction regarding grade changes required along Addison Road gutters. It is also our understanding that any work undertaken will be at the complete expense of the city.

If you have further questions or requests, I will be pleased to speak with you further.

Best regards,
Albert-Addison Management, LLC



Mark Albert, President

c: Bob Borson, Bernbaum Magadini Architects

ALBERT-ADDISON LP

6750 Hillcrest Plaza Drive / LB 4 / Suite 300 / Dallas, Texas 75230
972-239-5800 Fax: 972-239-5840

March 23, 2004

Mr. Steve Chutchian
Assistant City Engineer
Town of Addison
16801 Westgrove Drive
PO Box 9010
Addison, Texas 75001-9010


Re: 4801 Belt Line Road

Mr. Chutchian,

In response to your review comments, we authorize the Town of Addison to access our property at 4801 Belt Line Road for any future construction regarding grade changes required along Addison Road gutters. It is also our understanding that any work undertaken will be at the complete expense of the city.

If you have further questions or requests, I will be pleased to speak with you further.

Best regards,
Albert-Addison Management, LLC



Mark Albert, President

c: Bob Borson, Bernbaum Magadini Architects

**TOWN OF
ADDISON**

PUBLIC WORKS

To: JOHN BIRKHOFF

From: STEVE CHUTCHAN

Company: B. H. C., L.L.P.

Phone: 972/450-2886

Fax: 972/450-2837

FAX #: 214-361-0209

Date: 3/3/04

16801 Westgrove

P.O. Box 9010

Addison, TX 75001-9010

No. of pages (including cover): 11

Steve Chutchian

From: John Birkhoff [JBirkhoff@BHCLLP.COM]
Sent: Monday, March 01, 2004 9:24 AM
To: Steve Chutchian
Subject: Fwd: Addison Road Way Lighting Information

Can we get the lighting level calculations. Joe Campos our proposed electrical engineer has concerns and their proposal does not include this calculation.

>>> "Joe Campos" <jcampos@camposengineering.com> 03/01/04 09:18AM >>>
John,

I received the light fixture information you mailed. It looks complete except that it does not include lighting level calculations. This is important to assure we meet the minimum foot candle levels on the roadway and walkways. Gensler should have performed these. There could be a liability issue if someone has an accident or is assaulted, etc. Please request that Gensler provide these so we can verify that the light levels are adequate.

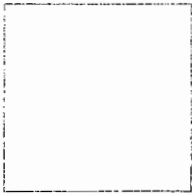
Thanks,

Joe

Joe D. Campos, PE
President
email: jcampos@camposengineering.com
Campos Engineering, Inc.
7430 Greenville Avenue
Dallas, TX 75231

ph (214) 696-6291 ext. 235
fax (214) 361-6298

Visit our website at www.camposengineering.com



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CONSULTING ENGINEERS

7502 Greenville Ave., #220

Dallas, Texas 75231

Fax (214) 361-0204

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PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.
DOUGLAS K. SHOWERS, P.E.

March 2, 2004

Mr. Steven Z. Chutchian, P.E.
Assistant City Engineer
Town of Addison
P. O. Box 9010
Addison, Texas 75001-9010

Re: Addison Road

Dear Mr. Chutchian:

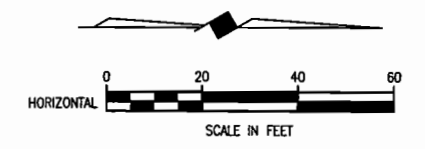
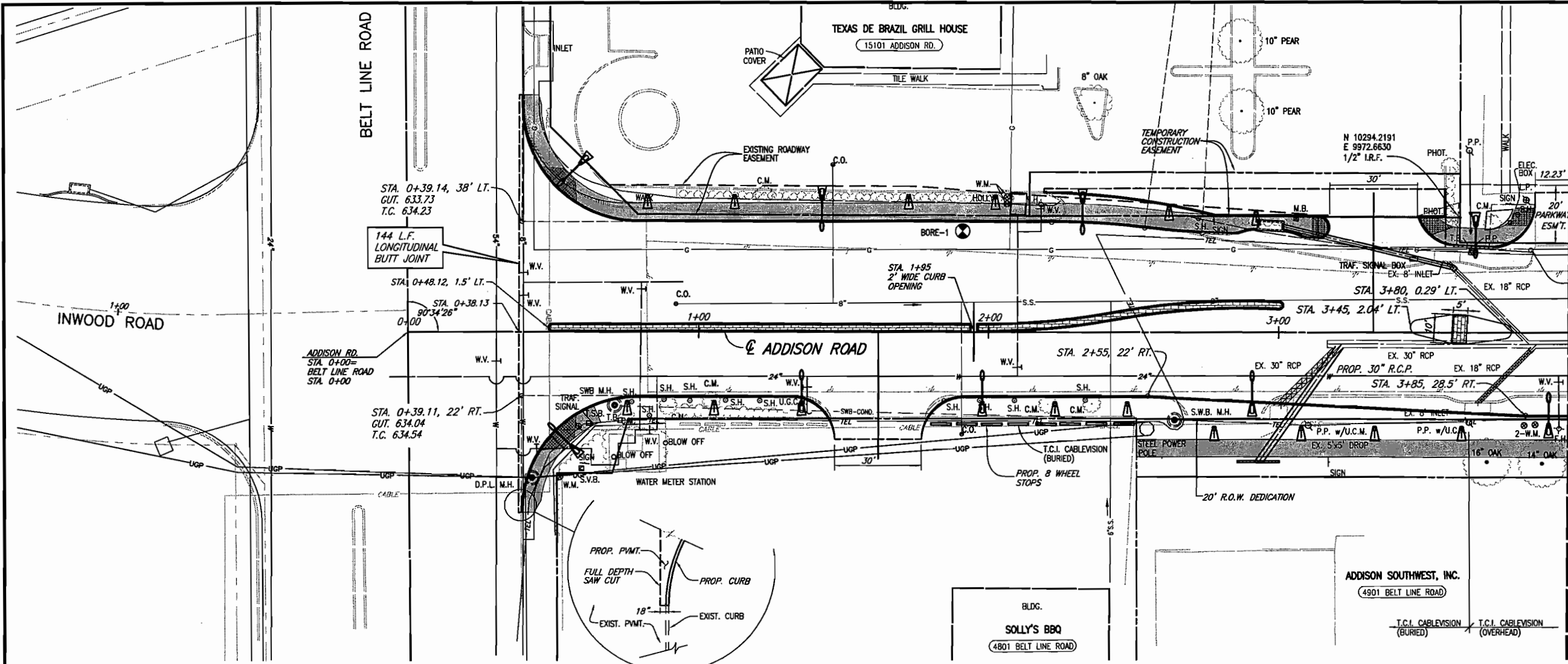
We are enclosing the revised street light and pedestrian light layout for Addison Road between Beltline and Arapaho, for your review and comment. This revised layout is in accordance with your markups. Your markup is enclosed. Once the layout is accepted, we can plot out 22" x 34" sheets for you to pass on to ONCOR.

We are available at your convenience to discuss any questions you may have with the layout or our review.

Sincerely,

John W. Birkhoff

Enclosure

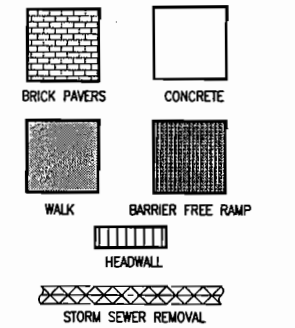


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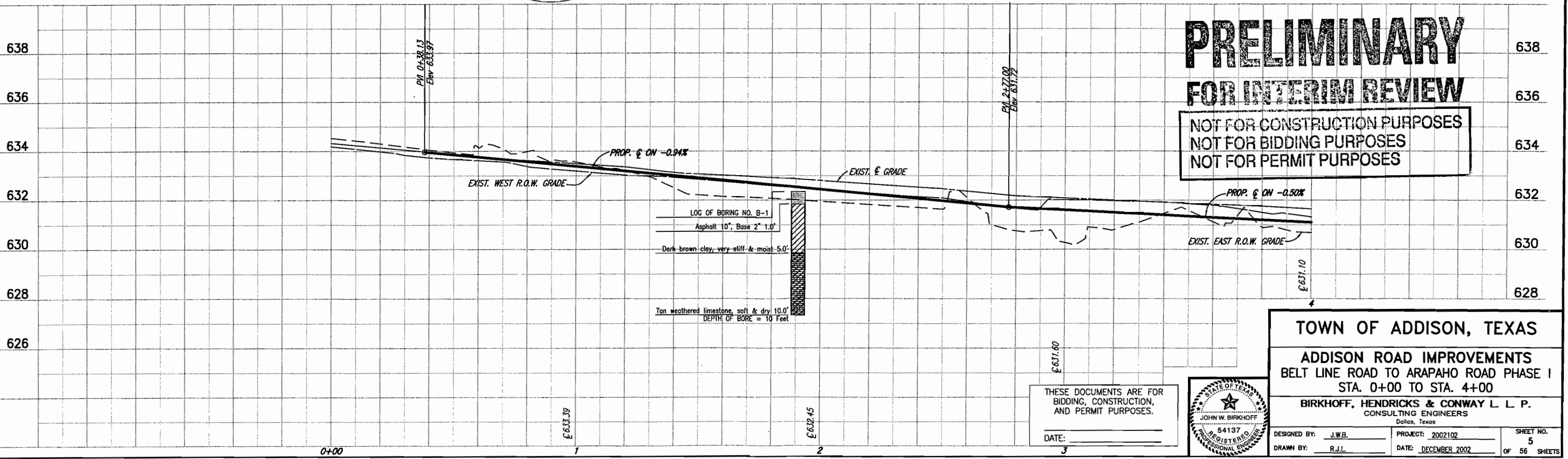
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STA. 3+86.42, 28.5' LT.



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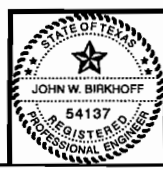
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STA. 0+00 TO STA. 4+00

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

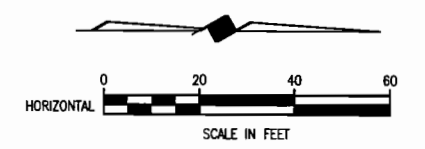
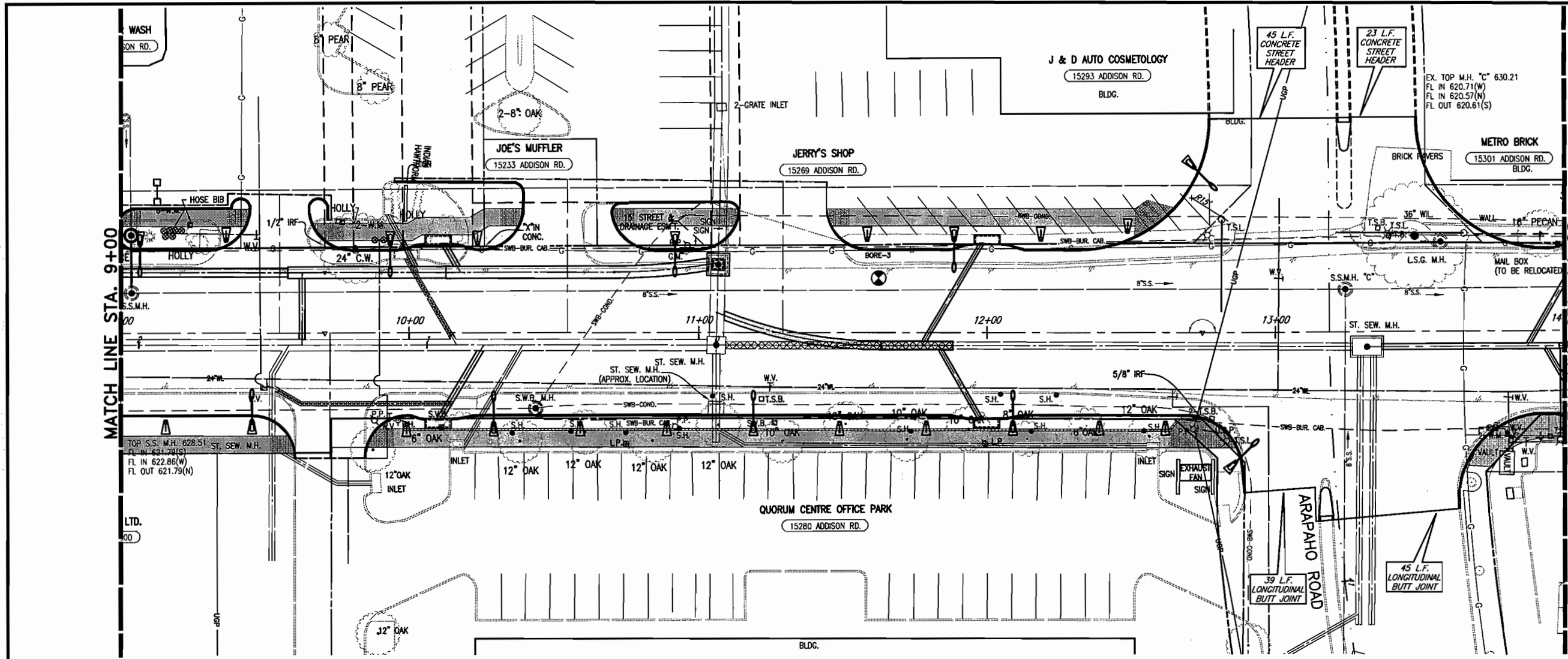
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DRAWN BY: R.J.L.	DATE: DECEMBER 2002	OF 56 SHEETS

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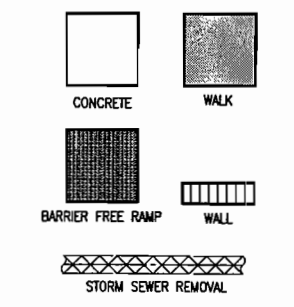
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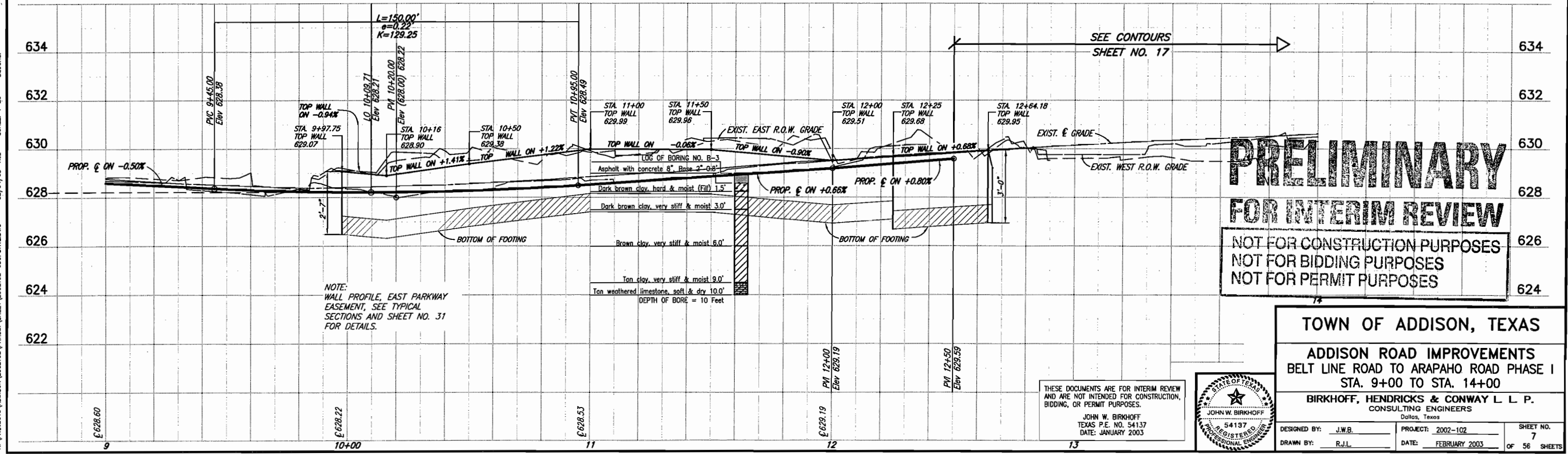


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TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STA. 9+00 TO STA. 14+00

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

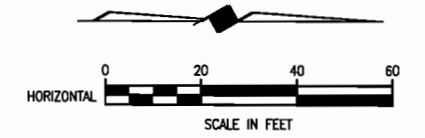
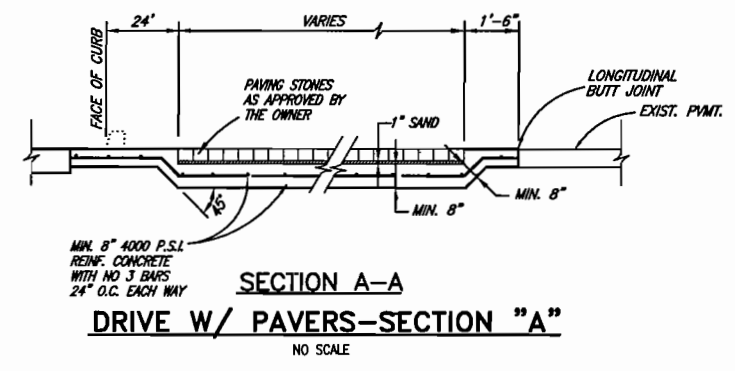
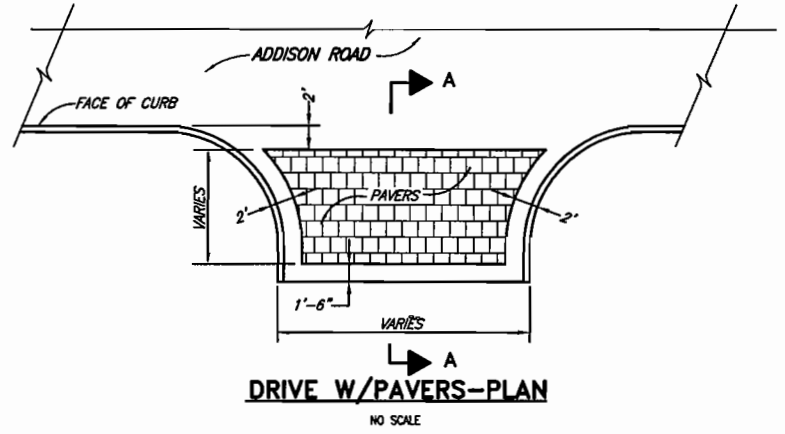
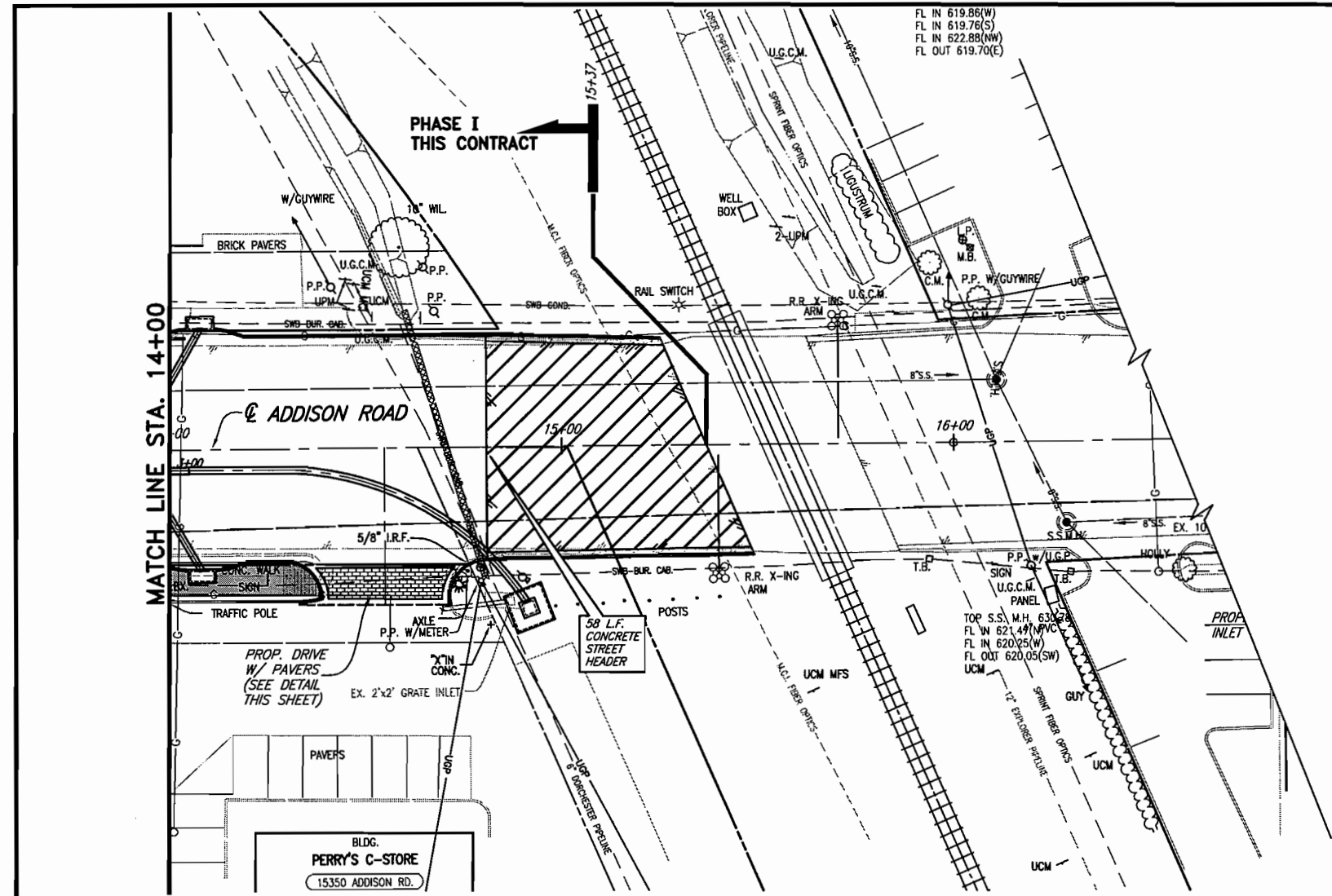
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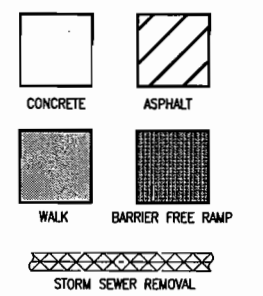
JOHN W. BIRKHOFF
 TEXAS P.E. NO. 54137
 DATE: JANUARY 2003



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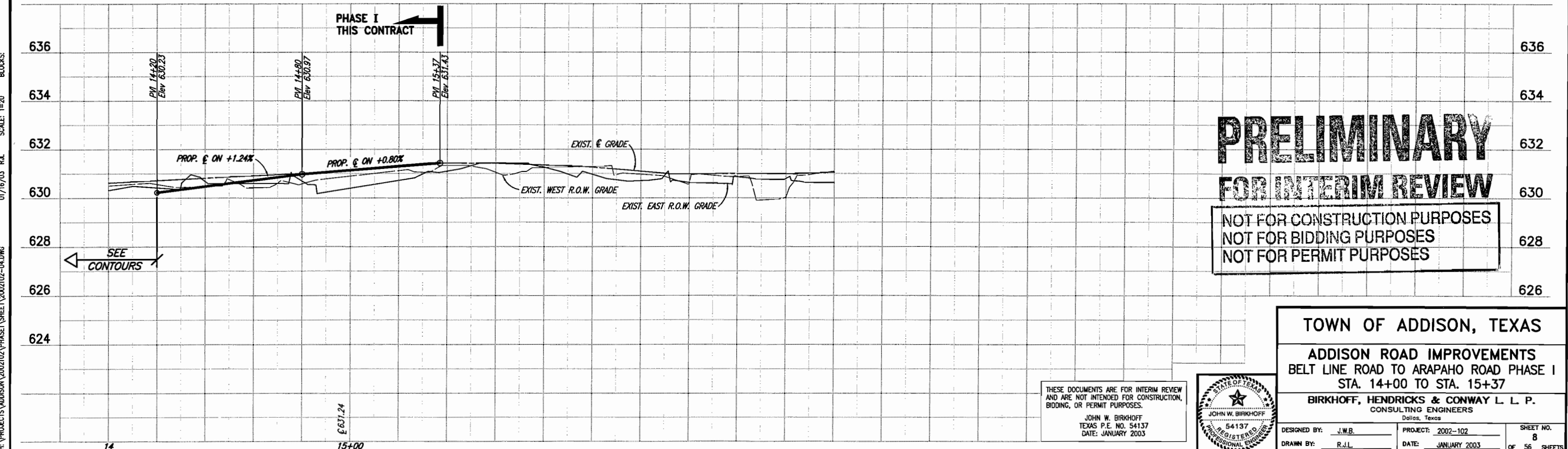


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TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STA. 14+00 TO STA. 15+37

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



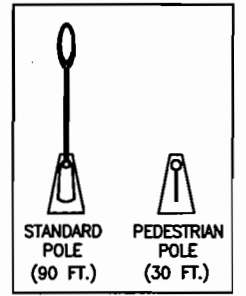
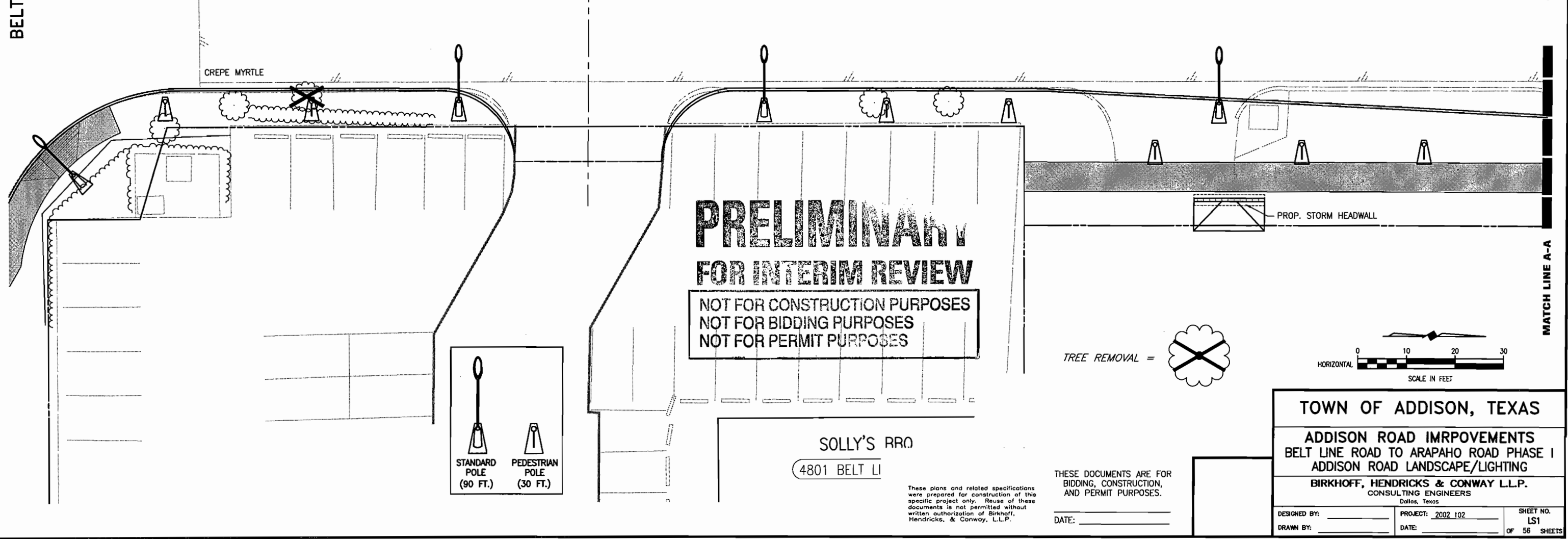
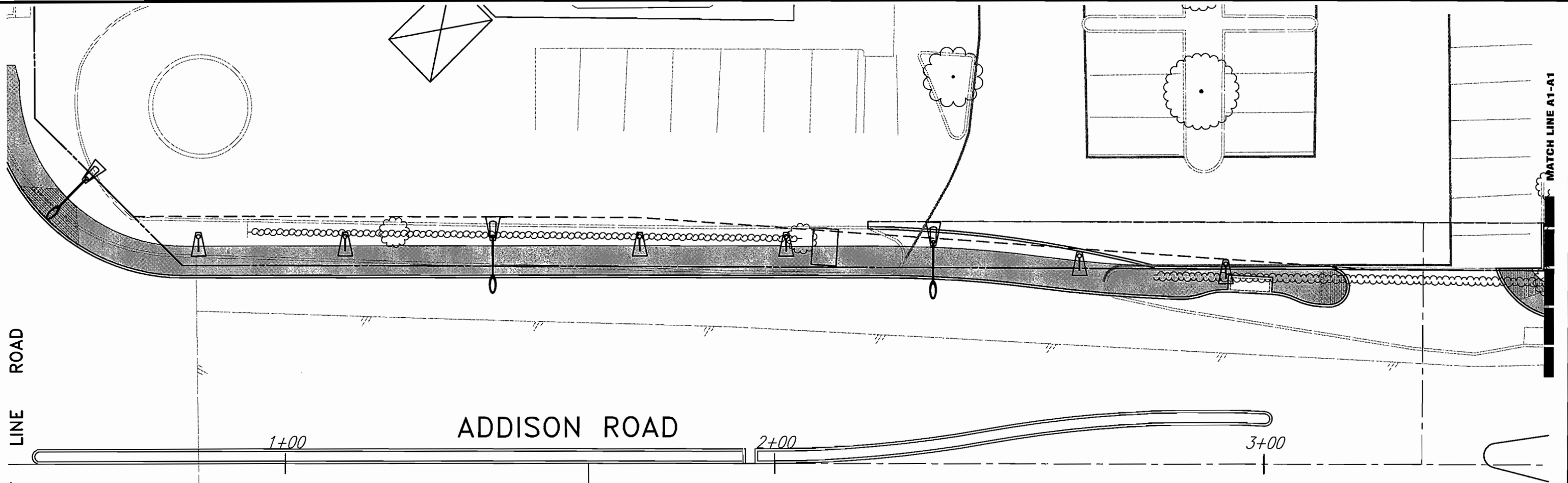
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JOHN W. BIRKHOFF
TEXAS P.E. NO. 54137
DATE: JANUARY 2003

DESIGNED BY: J.W.B. PROJECT: 2002-102 SHEET NO. 8
DRAWN BY: R.J.L. DATE: JANUARY 2003 OF 56 SHEETS

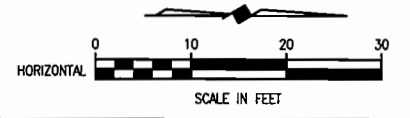
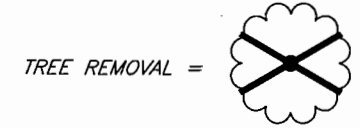
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H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SH1.DWG 02/04/04 R.L. SCALE: 1"=10'

BELT LINE ROAD



PRELIMINARY
FOR INTERIM REVIEW
NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES



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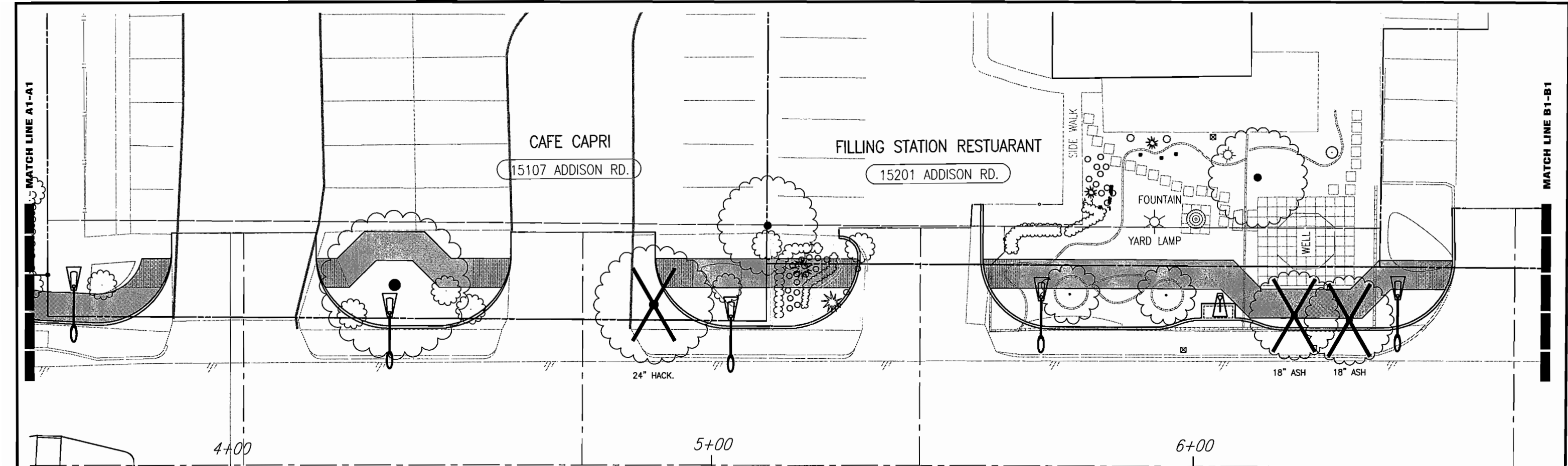
THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
DATE: _____

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: _____	PROJECT: 2002 102	SHEET NO. LS1
DRAWN BY: _____	DATE: _____	OF 56 SHEETS



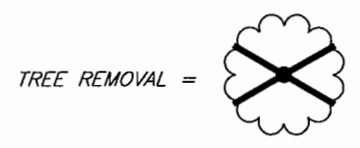
ADDISON ROAD

4901 BELT LINE ROAD

PROP. STORM HEADWALL

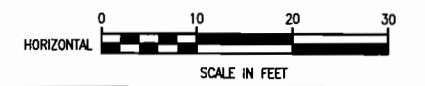
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TOWN OF ADDISON, TEXAS

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: _____	PROJECT: 2002_102	SHEET NO. LS2
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

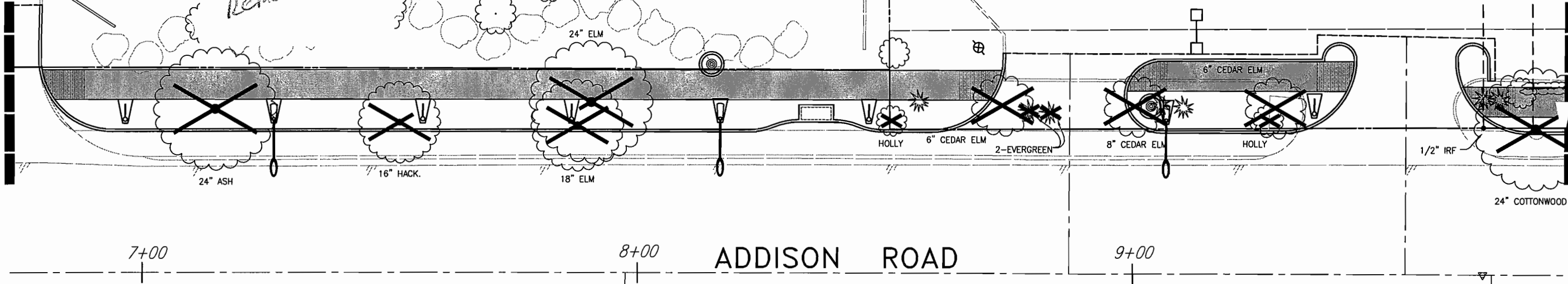
H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SH2.DWG 03/02/04 R.L. SCALE: 1=10

SAMBUCA CAFE
15207 ADDISON RD.

New Tree Removal

MATCH LINE B1-B1

MATCH LINE C1-C1

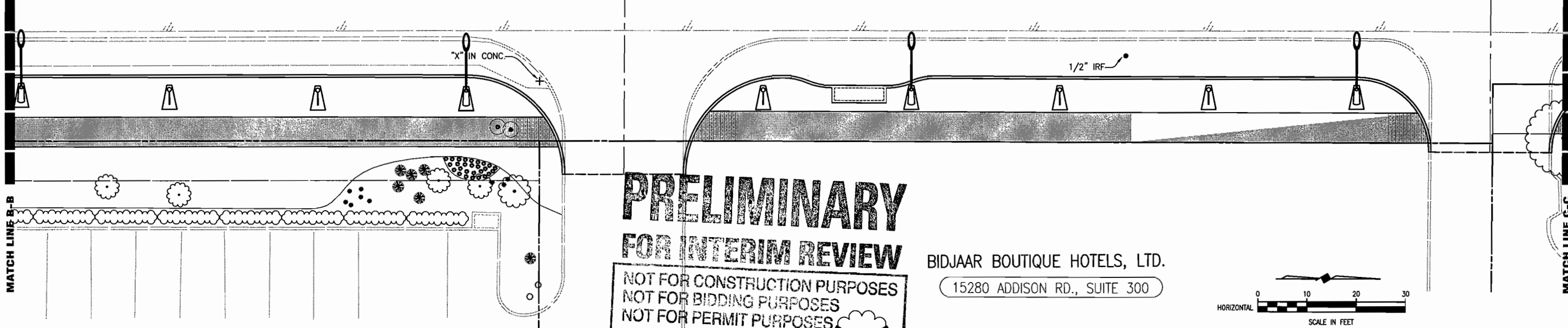


7+00

8+00

ADDISON ROAD

9+00



MATCH LINE B-B

MATCH LINE C-C

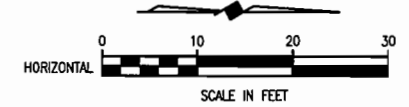
STEAK HOUSE
ADDISON RD.

**PRELIMINARY
FOR INTERIM REVIEW**

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

TREE REMOVAL =

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



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DATE: _____

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: _____	PROJECT: 2002 102	SHEET NO. LS3
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

H:\PROJECTS\ADDISON\2002102\PHASE1\LANDSCAPE\LANDSCAPE-SH3.DWG 03/02/04 R.L. SCALE: 1=10

H:\PROJECTS\ADDISON\2002\02\PHASE1\LANDSCAPE\SH4.DWG 03/02/04 R.L. SCALE: 1=10

MATCH LINE C1-C1

MATCH LINE C-C

MATCH LINE D1-D1

MATCH LINE D-D

J & D AUTO COSMETOLOG
15293 ADDISON RD.

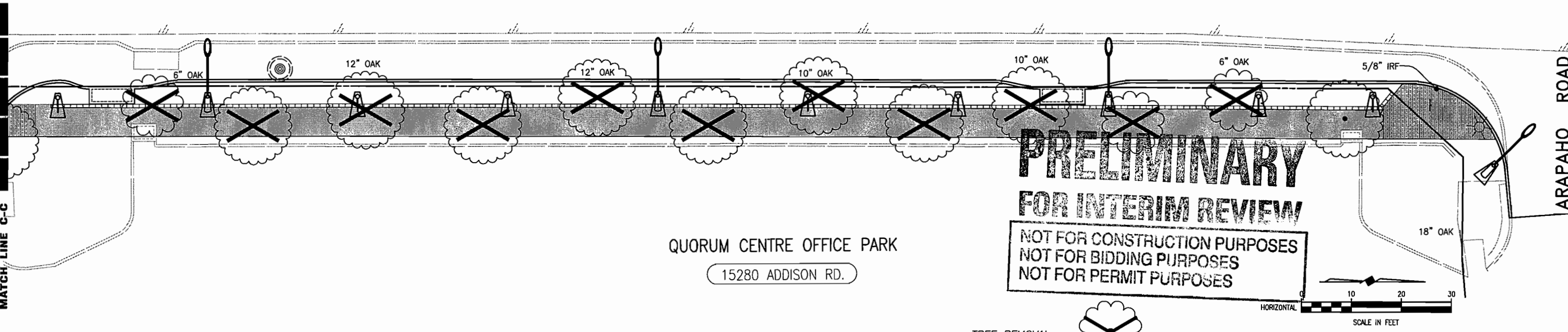
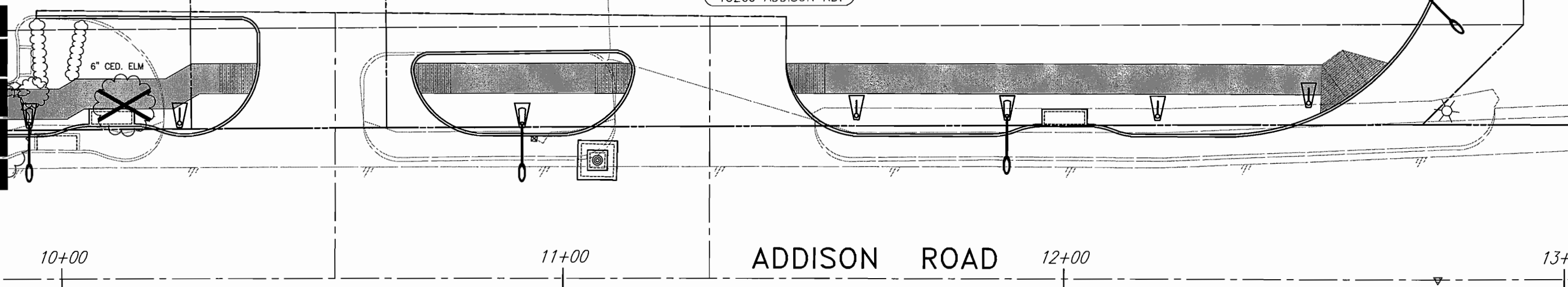
JOE'S MUFFLER
15233 ADDISON RD.

JERRY'S SHOP
15269 ADDISON RD.

ADDISON ROAD

QUORUM CENTRE OFFICE PARK
15280 ADDISON RD.

ARAPAHO ROAD



PRELIMINARY
FOR INTERIM REVIEW
NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

TREE REMOVAL =

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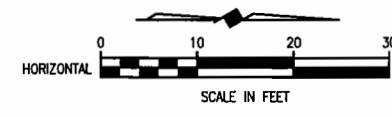
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DATE: _____

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: _____	PROJECT: 2002 102	SHEET NO. LS4
DRAWN BY: _____	DATE: _____	OF 56 SHEETS

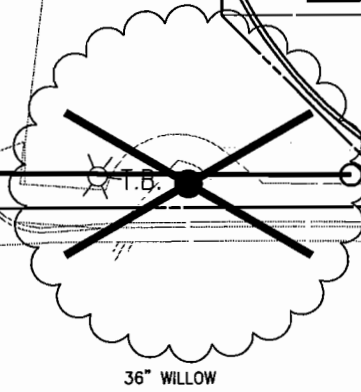
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MATCH LINE D1-D1

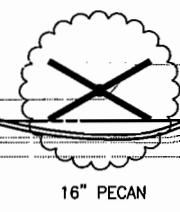
MATCH LINE D-D



METRO BRICK
15301 ADDISON RD.

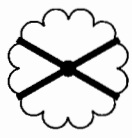


36" WILLOW



16" PECAN

TREE REMOVAL =



14+00 ADDISON ROAD

15+00

16+00

ARAPAHO ROAD

PFRY'S C-STORF

PRELIMINARY
FOR INTERIM REVIEW

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

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

DATE: _____

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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: _____
DRAWN BY: _____

PROJECT: 2002 102
DATE: _____

SHEET NO.
LS5
OF 56 SHEETS

SPRINT FIBER OPTICS

M.C.I. FIBER OPTICS

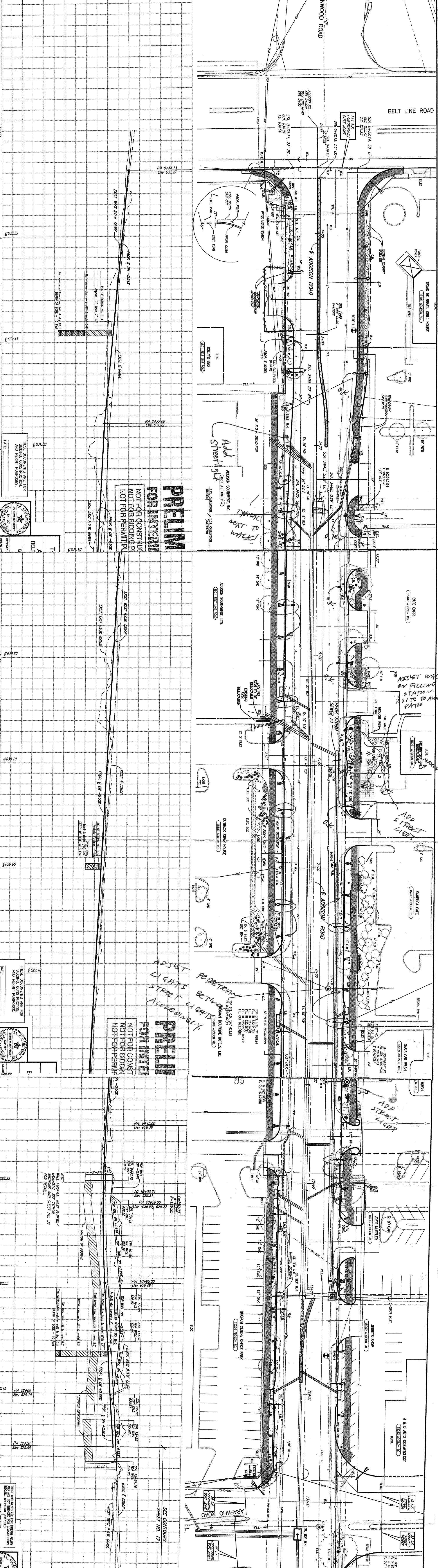
U.G.C.M.

U.G.C. PAT

D.A.R.T.

12" EXPLU

6" DORCHESTER



PRELIMINARY
FOR INTERIM REVIEW
NOT FOR CONSTRUCTION
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

630
632
634
636
638
639
640

PRELIMINARY
FOR INTERIM REVIEW
NOT FOR CONSTRUCTION
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

626
628
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640

TOWN OF ADDISON, TEXAS
ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
STA. 9+00 TO STA. 14+00
BIRKHOFF, HENDRICKS & COMPANY L.L.P.
CONSULTING ENGINEERS

DESIGNED BY: JMB
DRAWN BY: BJJ
DATE: FEBRUARY 2003
SHEET NO. 54 OF 54 SHEETS

FOR SUMMARY OF ADDITIONS
SEE SHEET W05/CONV/ANES SHEET

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WHILE YOU WERE OUT

FOR	DATE	TIME	A.M. P.M.
M			
OF			PHONED
PHONE	<input type="checkbox"/> FAX <input checked="" type="checkbox"/> MOBILE		RETURNED YOUR CALL
MESSAGE	AREA CODE	NUMBER	EXTENSION
			PLEASE CALL
			WILL CALL AGAIN
			CAME TO SEE YOU
			WANTS TO SEE YOU
SIGNED	214-252-9259		

December 19, 2002

Mr. Ron Whitehead
City Manager
Town of Addison
5300 Belt Line Road
Addison, Texas 75001

Subject: **Agreement for Architectural Services**
For Town of Addison
Lighting Master Plan

Dear Mr. Whitehead:

This Agreement is between Town of Addison ("Client") and M. Arthur Gensler Jr. and Associates, Inc. ("Gensler") for architectural services.

A. PROJECT

A.1 Project Description. The project includes Exterior Lighting Master Plan for the Town of Addison for the public right-of-ways for the following roadways:

- Addison Road from Belt Line to the south and Keller Springs to the North;
- Addison Circle from Addison Road to Quorum Drive;
- Quorum Drive from Addison Circle to the railroad right-of-way; and
- One-block lengths of Clara Street, Broadway Street and Julian Street (the "Project").

• *ARAPAHO RD, PHASE II WAS ALSO DISCUSSED*

A.2 Project Schedule. Gensler will develop a Project Schedule of milestones for Client's review and approval. During design, Gensler and Client will monitor the Project for conformance with the Schedule, and Gensler will notify Client of any necessary changes in the Schedule. The following milestones are presently projected:

- a) Commencement of Basic Services: Upon execution of contract
- * b) Completion of Master Planning Documents: Approximately 45-60 days after Commencement

* *THIS WILL DELAY OF 90% COMPLETE ADDISON RD. PLANS UNTIL MID-TO-LATE SPRING*

* *THIS WILL ALSO SHRINK ALLOTTED TIME FOR ORDERING & DELIVERY OF LIGHTS*

5430 LBJ Freeway
Three Lincoln Centre
Suite 400
Dallas Texas 75240
Tel: 214. 273. 1500
Fax: 214. 273. 1505

B. SCOPE OF SERVICES PROVIDED BY GENSLER

Client and Gensler will provide the names of their Project team members, including the primary contact person and the person authorized to make decisions.

B.1 GENSLER'S BASIC SERVICES. The Scope of Work shall be broken down into the following phases.

Phase One – Pre-Design

1. Pre-Design. Gensler will review the Town of Addison's published lighting design criteria, to be supplied by the Client, Client's Project Schedule, and will tour the existing conditions.

2. Meeting(s). Gensler shall attend one (1) meeting with the Client's Project Manager and a representative from each town department desiring input or review of the Project. The town's Project Manager shall coordinate the attendance; including coordinating the attendance of any outside agencies whose input is required. This meeting shall be to discuss the criteria which will be drivers for the Project which include:

- a) Illumination criteria,
- b) Systems concepts,
- c) Project costs/budget,
- d) Project Schedule,
- e) Fixture selection criteria,
- f) Maintenance issues.

*- ARAPANT RD.
NOT MENTIONED IN
SECTION A.1*

3. Document review. Gensler shall review existing drawings by HNTB (dated January 2002), BH&C (dated June 2002), and Sasaki (dated September 2002).

4. Narrative. Based on the pre-design meeting, Gensler shall prepare a written narrative outlining project criteria, systems concepts, cost guidelines, schedule parameters and maintenance issues that will influence the Master Plan. This narrative will be forwarded to the town's Project Manager for review.

Phase Two – Schematic Design

Based on the Client's review and acceptance of the Phase One deliverables, Gensler shall proceed to Phase Two.

1. Schematic Lighting Fixture Selection. Gensler shall prepare a lighting schedule supplemented by catalogue cutsheets and specifications provided by the lighting Manufacturer's Representative. Manufacturer's Representative throughout this project shall be Mark Healy of Architectural Lighting Associates, Inc.

2. Schematic Lighting Layout. Gensler shall prepare a schematic lighting layout indicating lighting fixture types and locations. This layout shall be prepared on background CAD drawings provided by the Client. Gensler will coordinate this work with the Client and lighting manufacturer representative.

3. Schematic Sketch Details. If required, Gensler shall prepare sketch details for any special lighting treatments. Special lighting treatments are defined as any non-street lighting required to illuminate existing objects in the public right-of-way.

4. Schematic Lighting Fixture Budget. Gensler will assist the lighting Manufacturer's Representative in preparing a preliminary budget. This budget shall include costs for light poles, bases, fixtures, and lamps. This schematic mark-up shall include a budget allowance for contractors' and distributors' mark-up.

5. Presentation. Gensler will participate in one (1) presentation meeting of the schematic design documents.

Phase Three – Final Design

Based upon the Client's review and acceptance of the Phase Two deliverables, Gensler shall proceed to Phase Three.

1. Final Lighting Fixture Schedule. Working with the lighting Manufacturer's Representative, Gensler shall prepare a final lighting fixture schedule denoting selected fixtures, descriptions, manufacturer's name, catalog number, lamping selection, wattage and similar information as required

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Dallas Texas 75240
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to describe each of the selected fixtures. This information will be compiled in 11" x 17" booklet form and shall include manufacturer's cutsheets provided the lighting representatives.

2. Final Lighting Layout. Based on CAD base plans by others, provided by the Client, Gensler, with the assistance of the lighting Manufacturer's Representative, shall prepare a final design plan, indicating the locations and types of all proposed light fixtures. These plans will include standard mounting details for typical conditions. ~~This item does not include any circuiting or wiring diagrams, which are typically prepared by an electrical engineer.~~ In the event that this service is requested, Gensler will recommend to the Client a qualified electrical engineer, who will provide this service as part of a separate contract.

3. Final Details. Gensler will prepare final details of the schematic details developed as part of the Phase Two work.

4. Revised Final Budget. Gensler shall, with the assistance of the lighting Manufacturer's Representative revise the final budget for lighting equipment based on the approved revisions from the schematic design. This schematic mark-up shall include a budget allowance for contractors' and distributors' mark-up.

5. Presentation. Gensler will participate in one (1) presentation of the final Design documents. This meeting includes reviewing the deliverables outlined above.

B.2 CAD FORMAT AND STANDARDS. Gensler will use AutoCAD R14 and Gensler's CAD Standards. In the event the Client desires electronic files (CAD drawings) at the completion of the Project, Gensler shall transmit one set of electronic CAD files via CD Rom. These files will be transmitted after a Gensler CAD waiver has been executed by the Client and the final payment has been received by Gensler. The costs associated with the preparation of this data will be billed as an Additional Service on a time and materials basis.

B.3 GENSLE'S ADDITIONAL SERVICES. Gensler will provide services beyond Basic Services ("Additional Services") if requested by Client and confirmed in writing by Gensler. Additional Services include, but are not limited to:

- Preparation of renderings models, animations or presentation materials, including PowerPoint presentations.
- Assistance with coordination of lighting fixture orders and/or deliveries from equipment vendors.

*ENGINEERING
FIRMS TO
PERFORM
THIS
FUNCTION
w/
CONTRACTOR.*

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Three Lincoln Centre
Suite 400
Dallas Texas 75240
Tel: 214. 273. 1500
Fax: 214. 273. 1505

- Preparation of lamp life cycle costing study.
- Redesign resulting from scope changes or cost reduction after the Client's acceptance of Lighting Designer's documentation.
- Preparation of energy-use calculations and/or other submittals as required for energy code compliance and/or public utility rebate programs.
- Client requested revisions that are inconsistent with prior approvals or instructions.
- Any structural design or analysis.
- Mock-ups of any kind.
- Any activity relating to the bidding or implementation of the Lighting Master Plan.
- Custom fixture design.
- Site visits to lighting manufacturer's facilities as required to verify their products' conformance to the Lighting Designer's specifications and/or their ability to perform according to any other project requirements.
- Services of a mechanical or electrical engineer, or any other consultants.
- Site visits to similar existing installations for the purposes of examining or comparing the existing conditions to the proposed work.
- Meetings with local utility companies, or other outside agencies or engineering firms, or land owners.
- Participation in presentations to town boards, committees or city council.
- Dimensional field verification of existing conditions.
- Any activity relating to the FAA or airport operations.

C. SCOPE OF SERVICES PROVIDED BY CLIENT

C.1 SERVICES PROVIDED BY CLIENT OR OTHERS. The following services shall be provided by the Client:

- a) Presentations to town committees, boards or city council;
- b) Coordination/negotiation with outside agencies not brought into the Project by the town in Phase One;
- c) Project implementation.

C.2 ITEMS TO BE PROVIDED BY CLIENT. The following items shall be provided by the Client to Gensler:

- a) Civil engineering CAD files, accurately depicting all involved streets in AutoCAD R14 format. These files shall indicate right-of-way, curbs, drives, medians, all existing utilities, walks, ramps,

(
COPIES FOR 1. HNTB
2. BIRKHOFF
3. SASAKI

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Suite 400
Dallas Texas 75240
Tel: 214. 273. 1500
Fax: 214. 273. 1505

plantings, power poles, light poles, signage (public and private), and street furniture (benches, waste receptacles, etc.). The town shall also secure and provide written authorization for Gensler to utilize these files as the basis of the work as related to this Project.

- b) A copy of the town's approved lighting standards for public streets, private developments and any other similar criteria that will impact this Project. This information will be provided to Gensler prior to the start of Phase Two.

D. COMPENSATION

Compensation to Gensler for Basic Services, Additional Services, and Reimbursable Expenses shall be as described below.

D.1 Basic Services. Compensation for Basic Services shall be the lump sum of Thirty-three Thousand Eight Hundred Dollars (\$33,800.00), which shall be based on the following percentages:

• Phase One – Pre-Design	15%	\$ 5,000.00
• Phase Two – Schematic Design	35%	\$ 12,000.00
• Phase Three – Final Design	50%	\$ 16,800.00

D.2 Additional Services. Compensation for Additional Services (if not agreed upon as a lump sum amount) shall be based on Gensler's Standard Hourly Billing Rates.

D.3 Reimbursable Expenses. Compensation for Reimbursable Expenses incurred by Gensler in connection with the Project shall be based on amounts invoiced to Gensler, plus fifteen percent (15%).

D.4 Consultants. In the event Gensler is requested to engage outside consultants, the consultants will be retained as an Additional Service and the consultant fees shall be compensated based on amounts invoiced to Gensler, plus fifteen percent (15%).

In the event that Gensler's scope of services is increased as a result of retaining a consultant(s), Gensler shall notify the town's Project Manager of a change of scope and shall request additional fee for the increased scope.

D.5 Progress Payments. Progress payments shall be made monthly. Where Gensler's fee is based on a lump sum, progress payments for Basic Services shall be based on the percentage of services provided during the previous month.

E. AGREEMENT AND ACCEPTANCE

E.1 Agreement. This Agreement is comprised of and incorporates the following documents, in order of precedence:

- a) Amendments and modifications signed by both parties;
- b) This Letter of Agreement;
- c) The attached Standard Terms and Conditions (STC), dated April 15, 2002.

Where a portion of one document is amended by another of higher precedence, all unmodified portions shall remain in effect.

E.2 Effective Date. The effective date of this Agreement is December 19, 2002.

By Gensler

By Client

Judy Pesek, IIDA

(Printed Name of Signatory)

By _____

By _____

(Signature)

(Signature)

Vice President/Managing Director,

(Title)

(Date)

(Title)

(Date)

STATEMENT OF CERTIFICATION. The Texas Board of Architectural Examiners, P.O. Box 12337, Austin, Texas 78711-2337 or 333 Guadalupe, Suite 2-350, Austin, Texas 78701-3942, (512) 305-9000, has jurisdiction over individuals licensed under the Architects' Registration Law, Texas Civil Statutes, Article 249a.

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December 19, 2002

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City Manager
Town of Addison
5300 Belt Line Road
Addison, Texas 75001

Subject: **Agreement for Architectural Services**
For Town of Addison
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• ARAPAHO RD, PHASE III WAS ALSO DISCUSSED

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* THIS WILL ALSO SHRINK ALLOTTED TIME FOR ORDERING & DELIVERY OF LIGHTS

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*- ARAPAHO RD.
NOT MENTIONED IN
SECTION A.1*

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5. Presentation. Gensler will participate in one (1) presentation meeting of the schematic design documents.

Phase Three – Final Design

Based upon the Client's review and acceptance of the Phase Two deliverables, Gensler shall proceed to Phase Three.

1. Final Lighting Fixture Schedule. Working with the lighting Manufacturer's Representative, Gensler shall prepare a final lighting fixture schedule denoting selected fixtures, descriptions, manufacturer's name, catalog number, lamping selection, wattage and similar information as required

to describe each of the selected fixtures. This information will be compiled in 11" x 17" booklet form and shall include manufacturer's cutsheets provided the lighting representatives.

2. Final Lighting Layout. Based on CAD base plans by others, provided by the Client, Gensler, with the assistance of the lighting Manufacturer's Representative, shall prepare a final design plan, indicating the locations and types of all proposed light fixtures. These plans will include standard mounting details for typical conditions. This item does not include any circuiting or wiring diagrams, which are typically prepared by an electrical engineer. In the event that this service is requested, Gensler will recommend to the Client a qualified electrical engineer, who will provide this service as part of a separate contract.

3. Final Details. Gensler will prepare final details of the schematic details developed as part of the Phase Two work.

4. Revised Final Budget. Gensler shall, with the assistance of the lighting Manufacturer's Representative revise the final budget for lighting equipment based on the approved revisions from the schematic design. This schematic mark-up shall include a budget allowance for contractors' and distributors' mark-up.

5. Presentation. Gensler will participate in one (1) presentation of the final Design documents. This meeting includes reviewing the deliverables outlined above.

B.2 CAD FORMAT AND STANDARDS. Gensler will use AutoCAD R14 and Gensler's CAD Standards. In the event the Client desires electronic files (CAD drawings) at the completion of the Project, Gensler shall transmit one set of electronic CAD files via CD Rom. These files will be transmitted after a Gensler CAD waiver has been executed by the Client and the final payment has been received by Gensler. The costs associated with the preparation of this data will be billed as an Additional Service on a time and materials basis.

B.3 GENSLER'S ADDITIONAL SERVICES. Gensler will provide services beyond Basic Services ("Additional Services") if requested by Client and confirmed in writing by Gensler. Additional Services include, but are not limited to:

- Preparation of renderings models, animations or presentation materials, including PowerPoint presentations.
- Assistance with coordination of lighting fixture orders and/or deliveries from equipment vendors.

*ENGINEERING
FIRMS TO
PERFORM
THIS
FUNCTION
w/
CONTRACTOR*

Dallas Texas 75240
5430 LBJ Freeway
Three Lincoln Centre
Suite 400
Tel: 214. 273. 1500
Fax: 214. 273. 1505

- Preparation of lamp life cycle costing study.
- Redesign resulting from scope changes or cost reduction after the Client's acceptance of Lighting Designer's documentation.
- Preparation of energy-use calculations and/or other submittals as required for energy code compliance and/or public utility rebate programs.
- Client requested revisions that are inconsistent with prior approvals or instructions.
- Any structural design or analysis.
- Mock-ups of any kind.
- Any activity relating to the bidding or implementation of the Lighting Master Plan.
- Custom fixture design.
- Site visits to lighting manufacturer's facilities as required to verify their products' conformance to the Lighting Designer's specifications and/or their ability to perform according to any other project requirements.
- Services of a mechanical or electrical engineer, or any other consultants.
- Site visits to similar existing installations for the purposes of examining or comparing the existing conditions to the proposed work.
- Meetings with local utility companies, or other outside agencies or engineering firms, or land owners.
- Participation in presentations to town boards, committees or city council.
- Dimensional field verification of existing conditions.
- Any activity relating to the FAA or airport operations.

C. SCOPE OF SERVICES PROVIDED BY CLIENT

C.1 SERVICES PROVIDED BY CLIENT OR OTHERS. The following services shall be provided by the Client:

- a) Presentations to town committees, boards or city council;
- b) Coordination/negotiation with outside agencies not brought into the Project by the town in Phase One;
- c) Project implementation.

C.2 ITEMS TO BE PROVIDED BY CLIENT. The following items shall be provided by the Client to Gensler:

- a) Civil engineering CAD files, accurately depicting all involved streets in AutoCAD R14 format. These files shall indicate right-of-way, curbs, drives, medians, all existing utilities, walks, ramps,

COPIES FOR 1. HNTB
2. BIRKHOFF
3. SASAKI

5430 LBJ Freeway
Three Lincoln Centre
Suite 400
Dallas Texas 75240
Tel: 214. 273. 1500
Fax: 214. 273. 1505

plantings, power poles, light poles, signage (public and private), and street furniture (benches, waste receptacles, etc.). The town shall also secure and provide written authorization for Gensler to utilize these files as the basis of the work as related to this Project.

- b) A copy of the town's approved lighting standards for public streets, private developments and any other similar criteria that will impact this Project. This information will be provided to Gensler prior to the start of Phase Two.

D. COMPENSATION

Compensation to Gensler for Basic Services, Additional Services, and Reimbursable Expenses shall be as described below.

D.1 Basic Services. Compensation for Basic Services shall be the lump sum of Thirty-three Thousand Eight Hundred Dollars (\$33,800.00), which shall be based on the following percentages:

• Phase One – Pre-Design	15%	\$ 5,000.00
• Phase Two – Schematic Design	35%	\$ 12,000.00
• Phase Three – Final Design	50%	\$ 16,800.00

D.2 Additional Services. Compensation for Additional Services (if not agreed upon as a lump sum amount) shall be based on Gensler's Standard Hourly Billing Rates.

D.3 Reimbursable Expenses. Compensation for Reimbursable Expenses incurred by Gensler in connection with the Project shall be based on amounts invoiced to Gensler, plus fifteen percent (15%).

D.4 Consultants. In the event Gensler is requested to engage outside consultants, the consultants will be retained as an Additional Service and the consultant fees shall be compensated based on amounts invoiced to Gensler, plus fifteen percent (15%).

In the event that Gensler's scope of services is increased as a result of retaining a consultant(s), Gensler shall notify the town's Project Manager of a change of scope and shall request additional fee for the increased scope.

D.5 Progress Payments. Progress payments shall be made monthly. Where Gensler's fee is based on a lump sum, progress payments for Basic Services shall be based on the percentage of services provided during the previous month.

E. AGREEMENT AND ACCEPTANCE

E.1 Agreement. This Agreement is comprised of and incorporates the following documents, in order of precedence:

- a) Amendments and modifications signed by both parties;
- b) This Letter of Agreement;
- c) The attached Standard Terms and Conditions (STC), dated April 15, 2002.

Where a portion of one document is amended by another of higher precedence, all unmodified portions shall remain in effect.

E.2 Effective Date. The effective date of this Agreement is December 19, 2002.

By Gensler

By Client

Judy Pesek, IIDA _____

(Printed Name of Signatory)

By _____
(Signature)

By _____
(Signature)

Vice President/Managing Director, _____
(Title) (Date)

(Title) (Date)

STATEMENT OF CERTIFICATION. The Texas Board of Architectural Examiners, P.O. Box 12337, Austin, Texas 78711-2337 or 333 Guadalupe, Suite 2-350, Austin, Texas 78701-3942, (512) 305-9000, has jurisdiction over individuals licensed under the Architects' Registration Law, Texas Civil Statutes, Article 249a.

Steve Chutchian

To: Jbirkhoff@bhcllp.com
Subject: Addison Rd.

John - I got your correspondence. Jim acknowledged that landscaping was not originally a part of the project. When you get your task and manhour summary together, please let me know. We can schedule a meeting with Jim Pierce and go over the remaining tasks/costs associated with the Addison Rd. project. If you can prepare an estimate and an amendment to the contract, it might be helpful.

It looks like the Town is hiring a firm to perform a study for lighting Addison Rd. and for changing the lighting scheme in the Arts and Events District. We have asked the contractor to hold up on ordering lights for the project until this study is performed. Consequently, we will not have an answer on Addison Rd. lights for you until early January 2003. If you have any questions, please let me know. Thanks.

Steve Chutchian

Steve Chutchian

From: Slade Strickland
Sent: Tuesday, December 03, 2002 3:55 PM
To: 'mpreston@hntb.com'
Cc: Steve Chutchian
Subject: Invoices - Lighting

Mike, I am receiving invoices for work completed last year for the conceptual pedestrian link/trail plan study done last year. Why don't they just go ahead and bill me for the whole thing since it is complete?

On a different note, does your contract for phase III include a lighting consultant for street and pedestrian lighting? We have been asked by the City Manager to look at all of our existing and upcoming project lighting to make sure there is continuity throughout the area, as well as, to avoid a hodge-podge of different lights on Arapaho, Addison Road, Spectrum, Events District and Addison Circle. Obviously I believe we want to stay with the same Bega on Arapaho, but I want to make sure we are going to provide enough light to avoid dark spots, or by tree canopies blocking light.

Anyway, we can discuss this further when we have our kickoff design meeting. thanks

Slade Strickland
Director of Parks and Recreation
Town of Addison
o 972-450-2869
f 972-450-2834



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.
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PAUL A. CARLINE, P.E.
MATT HICKEY, P.E.
DOUGLAS K. SHOWERS, P.E.
ROSS L. JACOBS, P.E.

November 20, 2002

Mr. Steven Z. Chutchian, P.E.
Assistant City Engineer
P. O. Box 9010
Addison, Texas 75001-9010

Re: Paving and Drainage Improvements to Addison Road

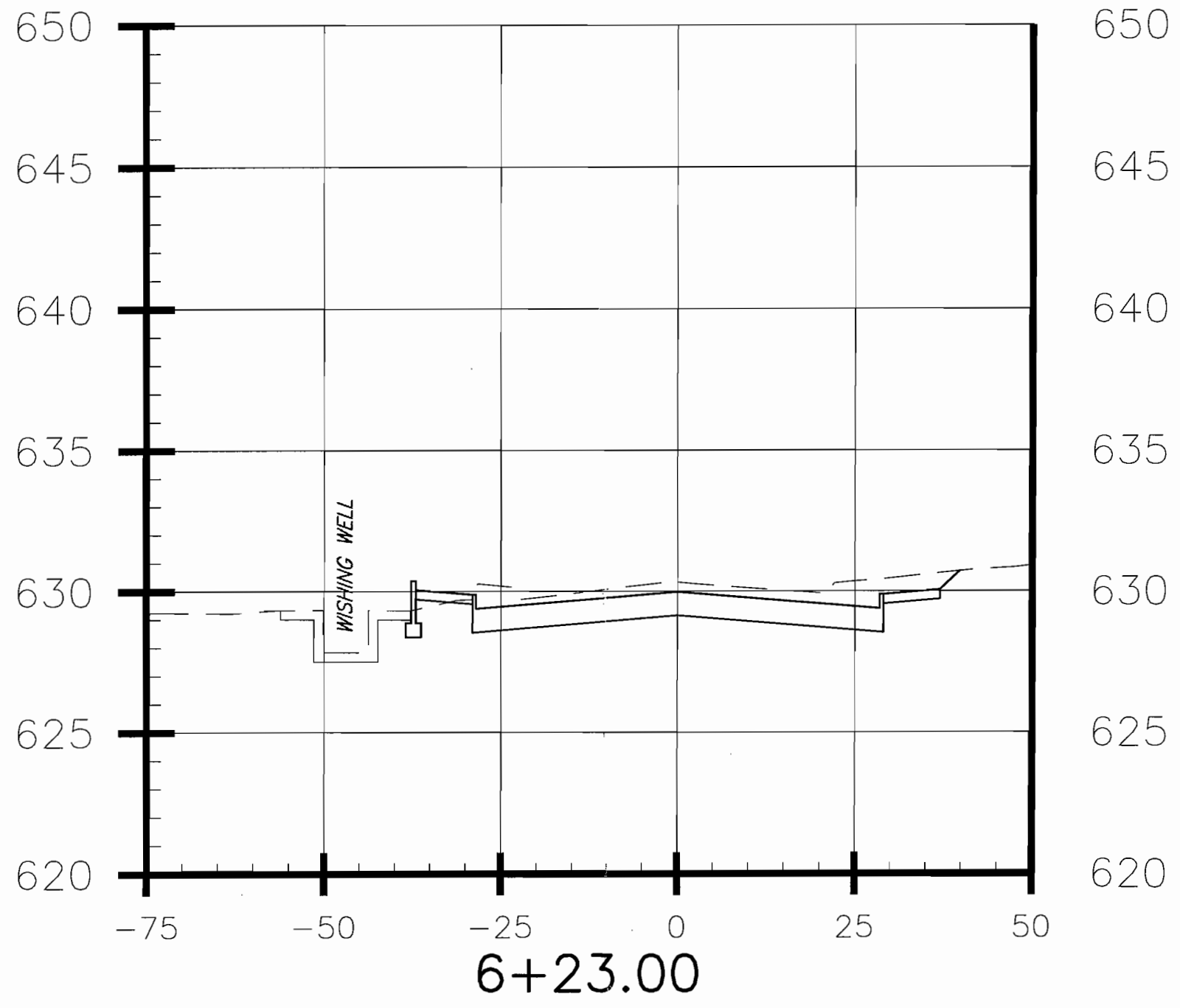
Dear Mr. Chutchian:

We are enclosing a landscape plan sheet of the requested sidewalk realignment for your review and comment. We have also enclosed the section through this area and our survey photographs. We are on hold waiting on a determination from the Town on pedestrian lighting along the roadway. We are available at your convenience to discuss any questions you may have with this project.

Sincerely,

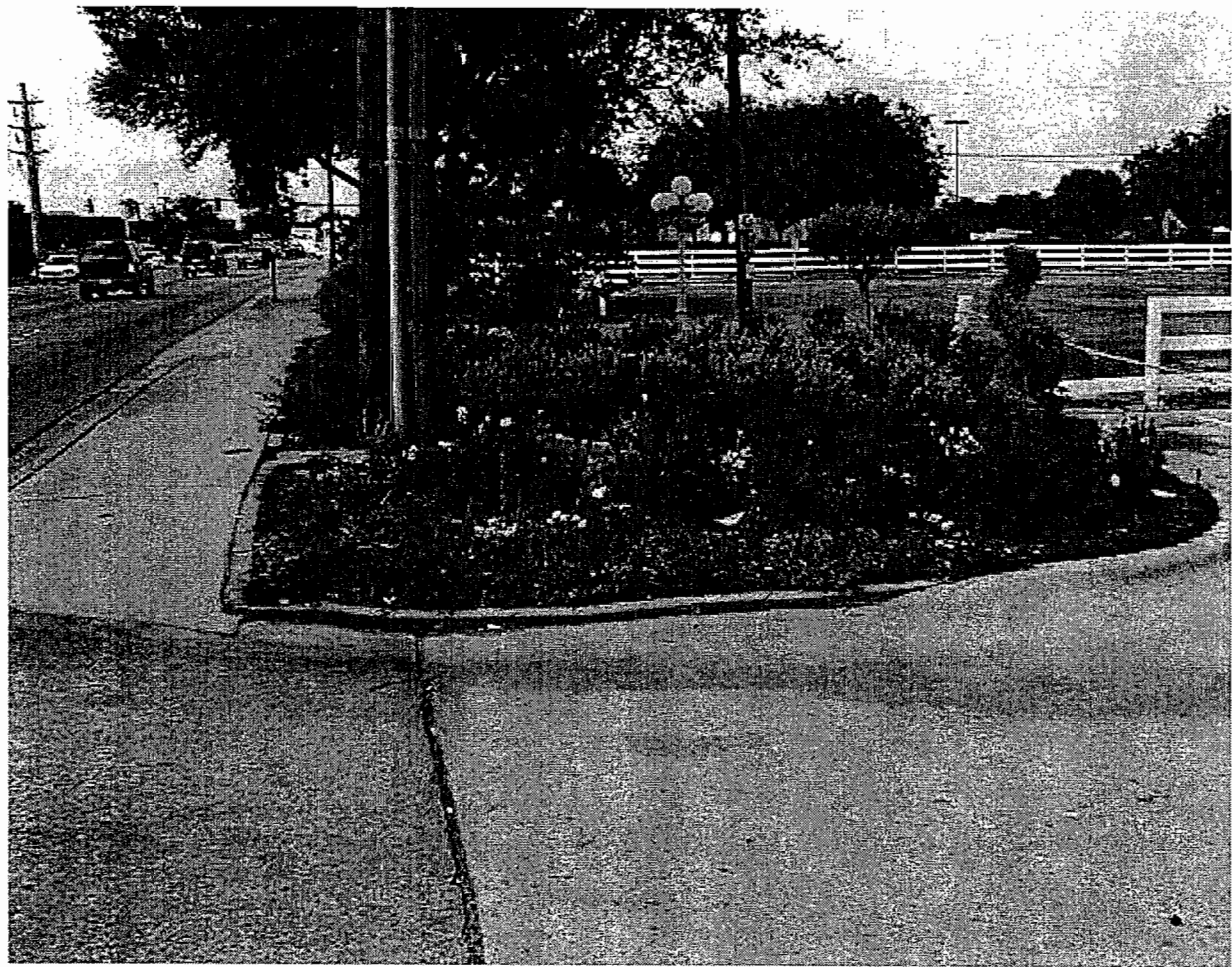
John W. Birkhoff, P.E.

Enclosures



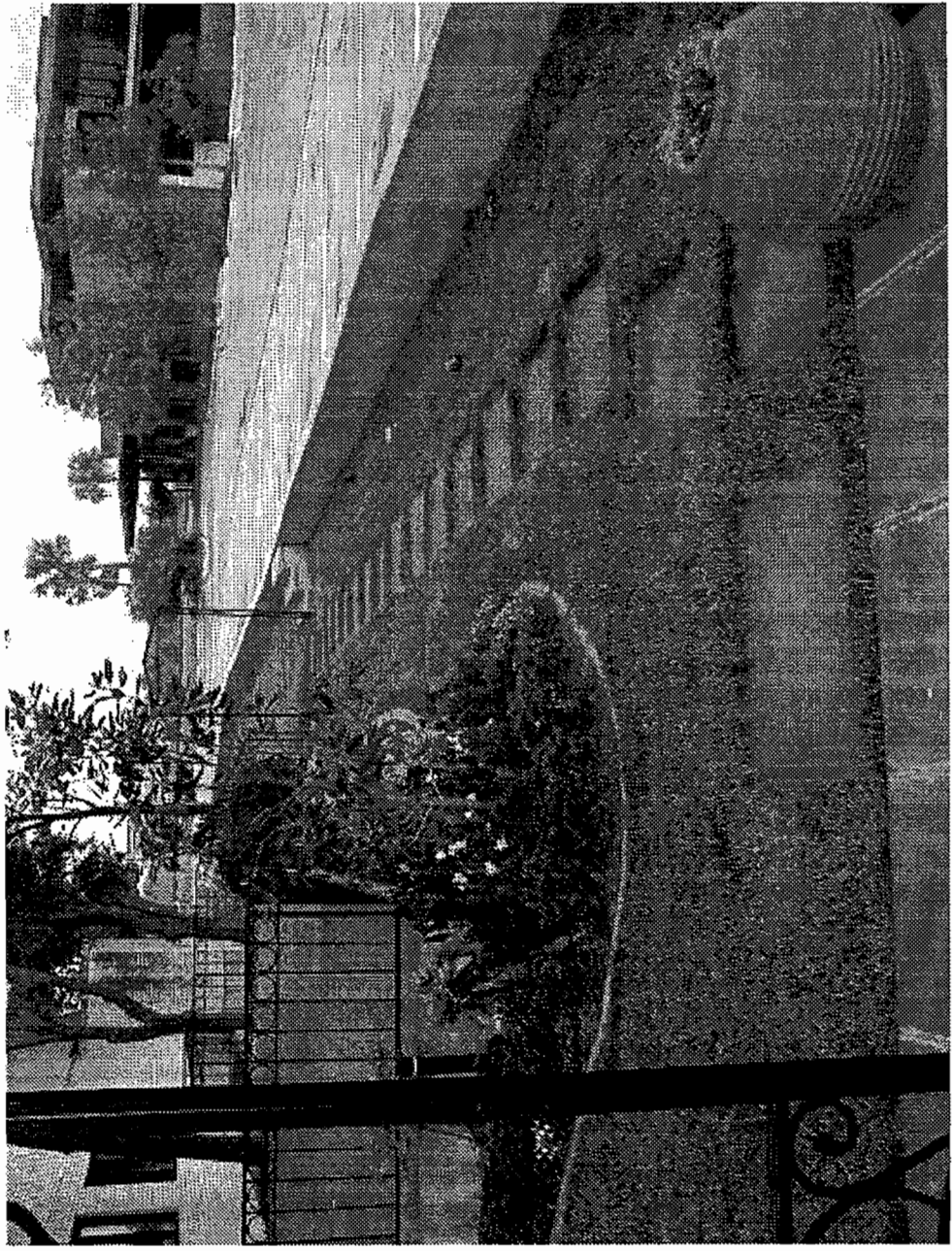
1" = 20' Hor.
1" = 5' Vert.













MATCH LINE A1-A1

MATCH LINE B1-B1

CAFE CAPRI

15107 ADDISON RD.

FILLING STATION RESTUARANT

15201 ADDISON RD.

24" HACK.

18" ASH 18" ASH

4+00

5+00

6+00

ADDISON ROAD

4901 BELT LINE ROAD

MATCH LINE A-A

MATCH LINE B-B

PROP. STORM HEADWALL

PRELIMINARY
FOR INTERIM REVIEW

NOT FOR CONSTRUCTION PURPOSES
NOT FOR BIDDING PURPOSES
NOT FOR PERMIT PURPOSES

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

DATE: _____

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.



TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO ARAPAHO ROAD PHASE I
ADDISON ROAD LANDSCAPE MAP

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

DESIGNED BY: _____
DRAWN BY: _____

PROJECT: 2002 102
DATE: _____

SHEET NO.
LS2
OF SHEETS

Steve Chutchian

From: Slade Strickland
Sent: Tuesday, October 29, 2002 10:25 AM
To: 'hector@hossleylighting.com'
Cc: Jim Pierce; Steve Chutchian
Subject: Light Pole Information

We are specifying model SPI-STR-LDL-100wMH-120v-BLK pedestrian pole fixture for our Arts and Events District designed by Sasaki Associates. Is this the Spectra model shown on your web site and can you mail or drop off a catalog on this light? It is shown to be installed on a 4" diameter, 14 ft. high aluminum pole with PR-4 base. Do you have information on this. Will the overall height be 17'? Thanks for your help.

Slade Strickland
Director of Parks and Recreation
Town of Addison
o 972-450-2869
f 972-450-2834

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MATT HICKEY, P.E.
DOUGLAS K. SHOWERS, P.E.

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

October 21, 2002

Mr. Reeves Partain
Program Manager
ONCOR
301 South Harwood Street
South Building, 6th Floor
Dallas, Texas 75210

Re: Town Of Addison
Paving and Drainage Improvements Addison Road

Dear Mr. Partain:

We are enclosing one set of preliminary landscape plans for Addison Road from Beltline Road to Arapaho Road for your use in preparing relocation plans for the electrical feeder. These plans show the proposed location of the trees that will form a linear landscape along this roadway. The trees are scheduled to be Red Oak, which will have a mature height of approximately 40 to 50 feet. If you have any questions, please contact us.

Sincerely,



John W. Birkhoff, P.E.

Enclosure

cc: Mr. Steve Chutchian, P.E. ✓

Addison Rd. Street Lights & Poles Minutes
10/22/02

Utility relocation "kick-off" meeting held with utility companies on 10/21/02 (See attached attendance list).

Emphasis was placed on relocation of power poles and street lights.

The relocation efforts by all utility companies will extend north of the intersection of Arapaho Rd. and Addison Rd. The exact ending point shall be determined by Oncor.

Street lights will not be mounted on the power poles.

Street lights to be placed between proposed sidewalk and back of curb, with lights alternated along both sides of street and spanning properties that have less than 20 ft. of parkway easement/right-of-way. Street lights will be on steel poles with shoe-box fixtures similar to those on Arapaho Road. Oncor will lay out the street light alignment.

Oncor will provide an estimate of cost of constructing new replacement concrete poles. Initial estimate is under \$15,000 per pole.

There will be 3 steel poles on Arapaho. One is existing and near the intersection at Beltline Rd. This pole will remain in place because the line turns a corner at this point, and a steel pole is needed to support the extra stress that the turn creates. On the east side of the roadway, two new steel poles are necessary in the vicinity of Arapaho Rd. They will span the Minol MTR site. This is necessary because a pole cannot be located in front of the property due to a reduced parkway easement acquisition in front of the underground parking garage. Concrete poles are not strong enough to accommodate a span this long. The steel polls cost less than \$30,000 each.

The discussion included the desire to remove overhead power lines that cross the roadway. The crossing lines will be bored under the street and run up the existing poles.

All commercial establishments shall be permitted to re-connect to the new poles, without a need to perform any individual re-wiring.

The engineer is forwarding the landscaping plan to Oncor, in order that the necessary pole heights over the new trees can be determined.

Oncor must order the new poles immediately, in order to perform relocation of facilities in January 2003.

Southwestern Bell and AT&T will "piggy back" onto the new poles after they are set by Oncor.

Addison Rd. Street Lights & Poles Minutes
10/22/02

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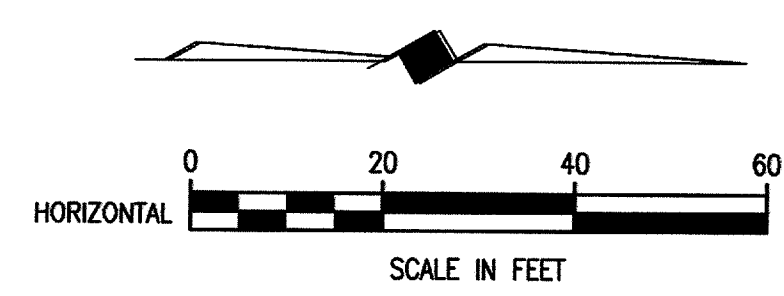
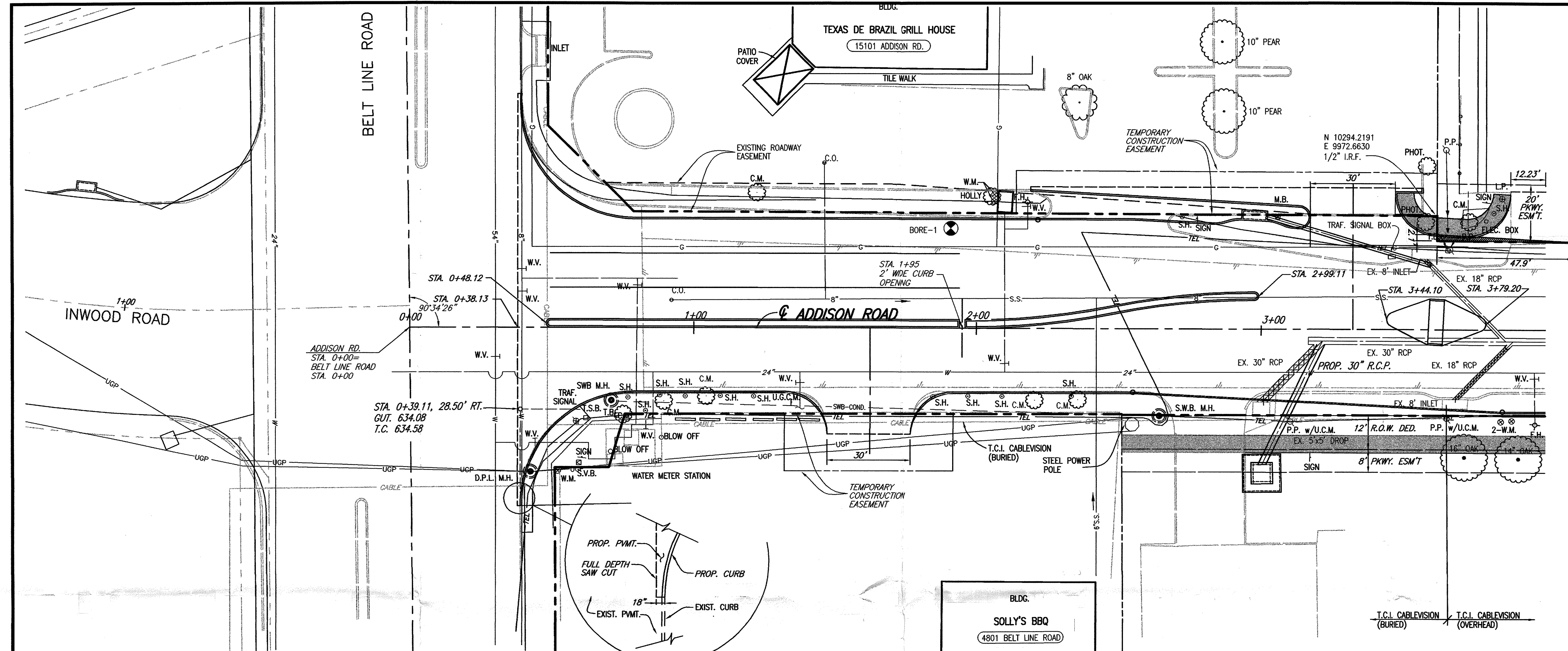
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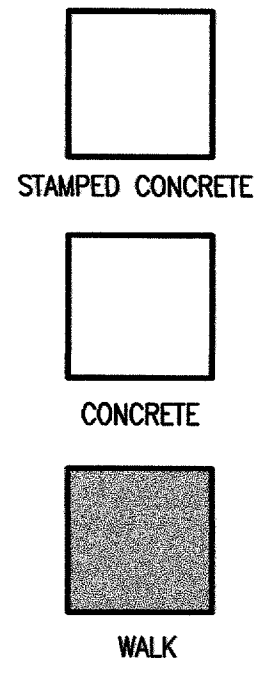
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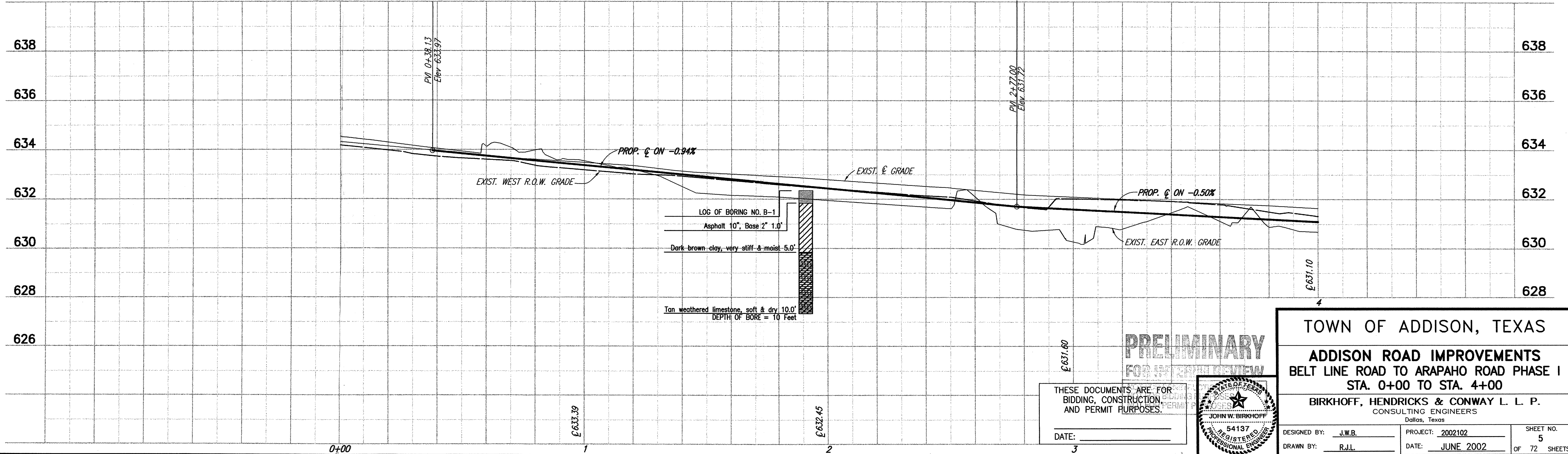
B.M.#19 "C" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59

T.B.M. AR-1 "C" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80

T.B.M. AR-2 "C" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



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.



H:\PROJECTS\ADDISON\2002\02\PHASE1\02\1\ADDISON_02_01\ADDISON_02_01.dwg 06/26/02 R.L. SCALE: 1"=20' BLOCKS:

PRELIMINARY
FOR REVIEW

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

DATE: _____

DESIGNED BY: J.W.B. PROJECT: 2002102 SHEET NO. 5
 DRAWN BY: R.J.L. DATE: JUNE 2002 OF 72 SHEETS

JOHN W. BIRKHOFF
 REGISTERED PROFESSIONAL ENGINEER
 54137

TOWN OF ADDISON, TEXAS

ADDISON ROAD IMPROVEMENTS
 BELT LINE ROAD TO ARAPAHO ROAD PHASE I
 STA. 0+00 TO STA. 4+00

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



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

7502 Greenville Ave., #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

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DOUGLAS K. SHOWERS, P.E.

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

September 12, 2002

Mr. Steven Z. Chutchian, P.E.
Assistant City Engineer
P. O. Box 9010
Addison, Texas 75001-9010

Re: Addison Road

Dear Mr. Chutchian:

We are making corrections to the Addison Road Paving and Drainage plans and need to clarify several items. The first is the intersection at Addison Road and Beltline Road; we understood that the modified section of this was rejected. Our subsequent submittals were based on the wider intersection. We have modified the plans to the narrower section keeping improvements away from the landscaped area of Solly's. In doing so, the left turn lane desired into Texas de Brazil affects the southbound through lane widths. To resolve this, additional right of way is required from the James E. Sauls (Café Capri) tract to the north or the left turn lane median removed. We are enclosing plan sheets showing the left turn lane and the required right of way and a layout with out the left turn land for your review. We recommend that the left turn lane into Texas de Brazil be removed from the project.

The mark ups from the Town directs us to remove the stamped concrete from the center lane. We recommend that this directive be reconsidered. The project restricts the width of the improvements to the existing 70-foot right of way. The through lanes are two 11-foot wide north and southbound with the continuous center or left turn lane having a width of 13 feet. Having the stamped concrete for the continuous left turn lane was designed to provide a rough riding surface to slow traffic down in this narrow lane. The stamped concrete was to be dyed, again setting this narrow lane apart from the through lanes. With the removal of the pavement differentiation (traffic calming), we recommend that the speed limit in this section of roadway be reduced to 25 miles per hour to provide a safer roadway or the continuous left turn lane be removed from the project and wider through lanes be provided.

Also in the marked up plans, the Town desires traffic signal work be completed. When the project was split, the Town desires were not to include the interconnect between the traffic signals until the traffic signals at Addison Circle were constructed. We agreed to include conduit under the sidewalks to facilitate this in the future. In addition our project limits for phase one was south of the Arapaho Road intersection, so no traffic signal work was to take place. It is our understanding that HNTB is designing the Addison Road and Arapaho road intersection. Accordingly, it appears that the signal work should be a part of that contract. Several months ago we forwarded to HNTB the geometric, grade and contours of the Arapaho intersection

Mr. Steven Z. Chutchian, P.E.
Town of Addison
September 12, 2002
Page No. 2

that were designed under our design contact with the Town. You have requested that we contact HNTB to request their plan sheet for the intersection and to tie our improvements into theirs.

We are continuing to make the necessary revisions to the Addison Road plans and request clarification on the above issues as not to delay the revisions being made. We are available at your convenience to discuss these design issues.

Sincerely,

A handwritten signature in black ink, appearing to read "John W. Birkhoff". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

John W. Birkhoff, P.E.

Enclosure

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

7502 Greenville Ave., #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

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ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

September 12, 2002

Mr. Slade Strickland
Dir. Parks & Recreation
Town of Addison
Post Office Box 9010
Addison, Texas 75001-9010

Re: Addison Road

Dear Mr. Strickland:

We are enclosing a preliminary set of landscape plans for Addison Road from Beltline to just south of Arapaho. The Town has reviewed the plans and requested that we send you a separate set for your comments. I have reviewed the Town's markups with the landscape architect, Lee Roth. Mr. Roth will be contacting you to discuss a number of comments and clarifications made on the Town's mark ups. We are available at your convenience to discuss any questions you may have with the preliminary plans.

Sincerely,



John W. Birkhoff, P.E.

Enclosure

cc: Mr. Steven Z. Chutchian, P.E. ✓

TOWN OF
ADDISON

PUBLIC WORKS

To: JOHN BIRKHOFF

From: STEVE CHUTCHMAN

Company: BIRKHOFF, HENRICKS &
CONWAY

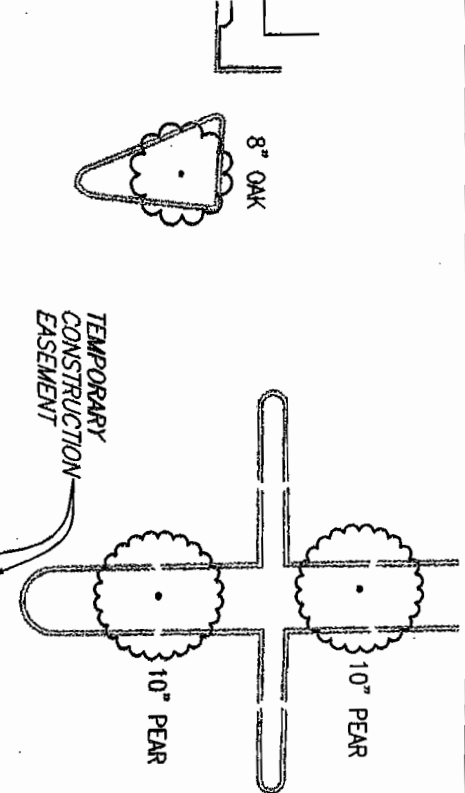
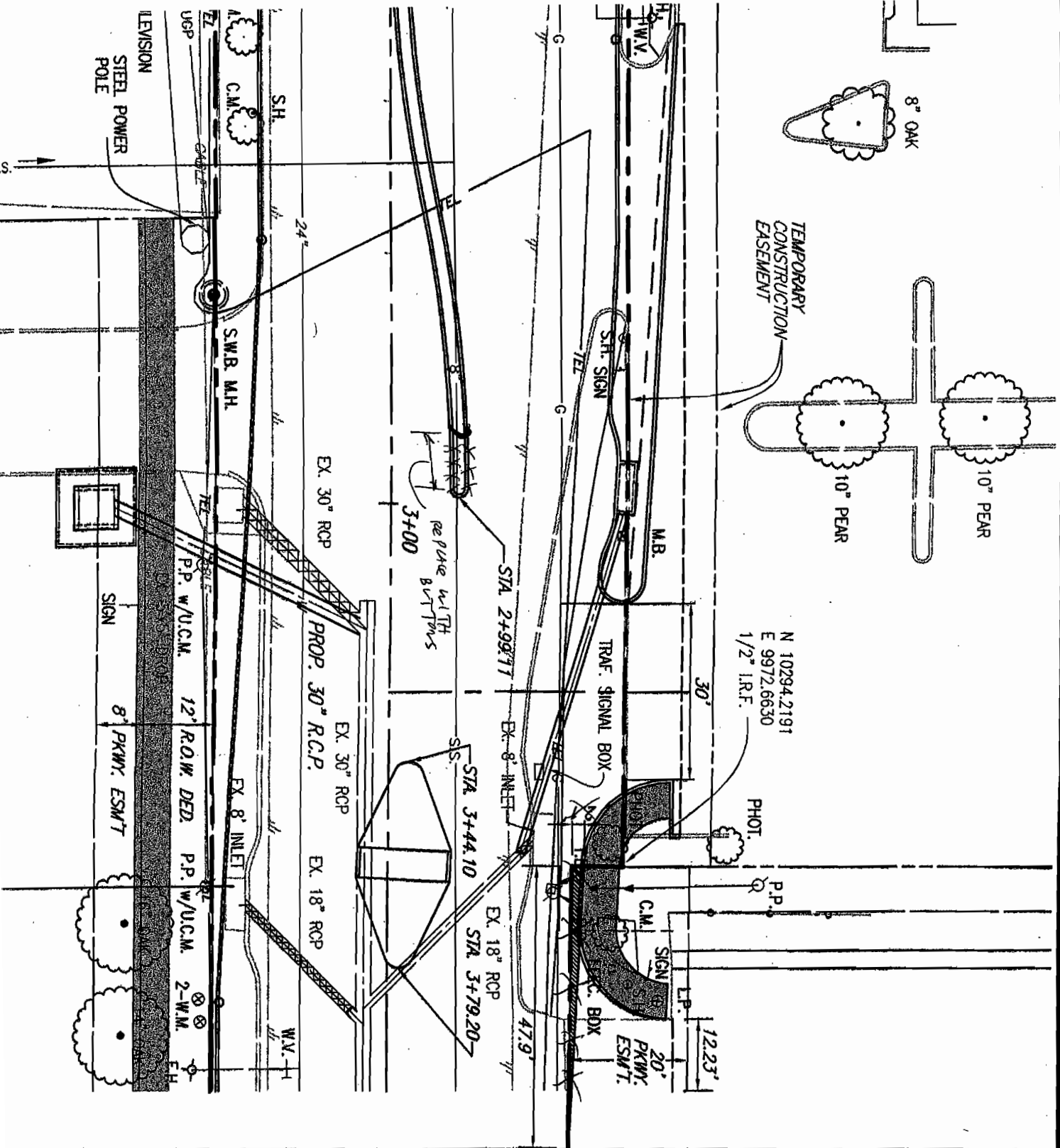
Phone: 972/450-2886
Fax: 972/450-2837

FAX #: 214 - 361-0204

Date: 10/3/02

16801 Westgrove
P.O. Box 9010
Addison, TX 75001-9010

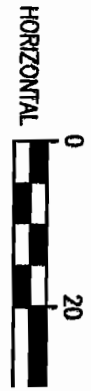
No. of pages (including cover): 2



N 10294.2191
E 9972.6630
1/2" I.R.F.

PHOT.
P.P.

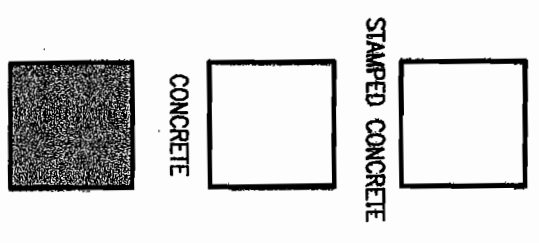
MATCH LINE STA. 4+00 4+10

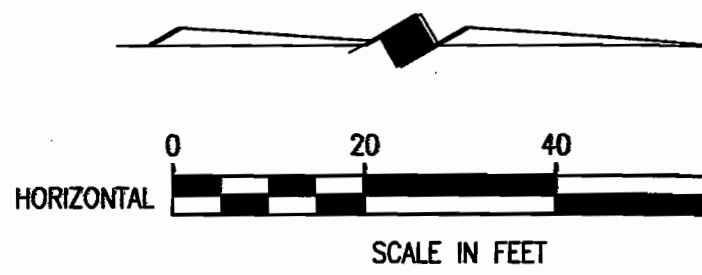
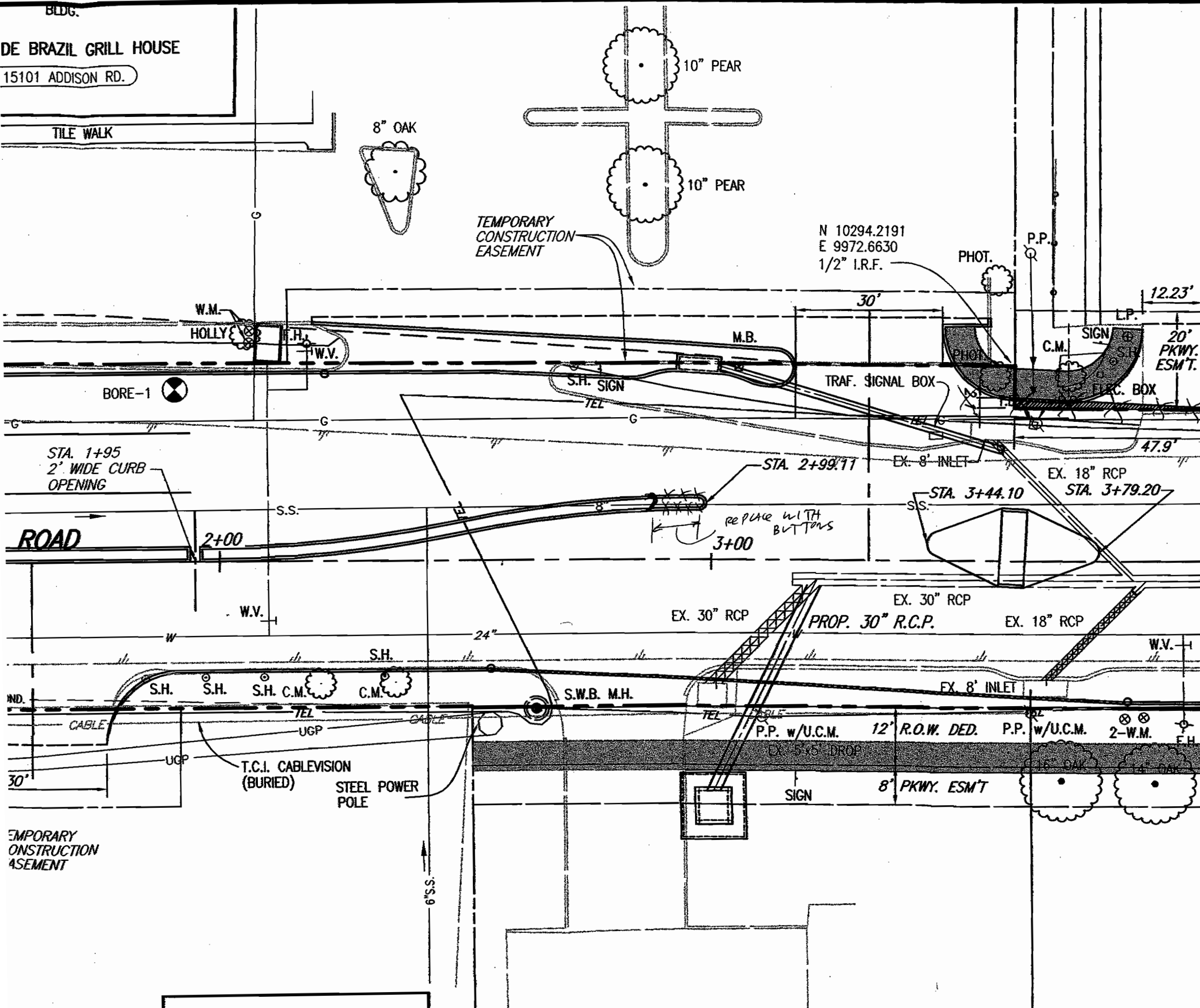


B.M.#19 "□" CUT IN CENTER OF SOUTH OF BELT LINE INWOOD RD. ELEV. 630.59

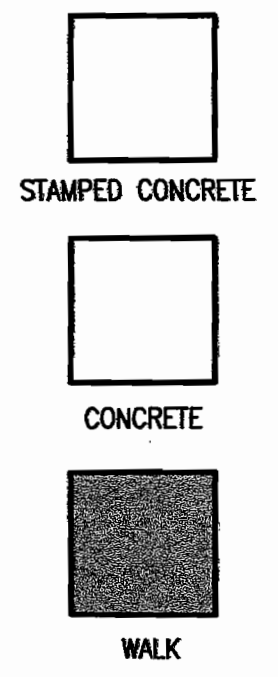
T.B.M. AR-1 "□" CUT IN TOP OF V CORNER OF ADDISON LINE RD. ELEV. 634.80

T.B.M. AR-2 "□" CUT IN CENTER OF ADDISON RD., @ STA. ELEV. 628.79





- B.M.#19 "□" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "□" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "□" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79



MATCH LINE STA. 4+00 4+10

JP

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

7502 Greenville Ave., #220

Dallas, Texas 75231

Fax (214) 361-0204

Phone (214) 361-7900

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MATT HICKEY, P.E.
DOUGLAS K. SHOWERS, P.E.

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

August 16, 2002

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

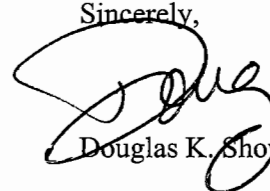
Dear Jim,

It was a pleasure to visit with you over lunch yesterday. Thank you also for introducing me to Luke and affording me the opportunity to get to know Steve in more depth.

I understand how busy life can be around budget time. Thank you for sharing about your review on the Addison Road project. Your feedback is important, and critical to us, as we continue to provide plans and specifications that are technically sound and clearly stated. I did take the opportunity, yesterday afternoon, to speak with John about your preliminary comments. We both agree that we will do what it takes to re-track our involvement on the project and provide the expected product in a timeframe that melds with a January 2003 bid.

I look forward to our continued opportunities to work together with the Town of Addison.

Sincerely,



Douglas K. Showers, P.E.

COWLES & THOMPSON

A Professional Corporation

ATTORNEYS AND COUNSELORS



ANGELA K. WASHINGTON
214.672.2144
AWASHINGTON@COWLESTHOMPSON.COM

August 20, 2002

Via Facsimile 972.248.0230
and Regular Mail

Mr. Pat Haggerty
Campbell Company
16475 Dallas Parkway #700
Addison, Texas 75001

Re: Parcel 7 – Addison Road Extension Project
Rail Hotels Property

Dear Pat:

Pursuant to your conversation with Steve Chutchian in which you stated that you would contact the owners of the above-referenced property to obtain the necessary releases, I am enclosing a copy of Schedule C of the Title Commitment. We will need a release(s) in connection with the notes payable to Bank of Commerce (see Nos. 7 and 8 on Page 1 of Schedule C), which I understand has been succeeded by U.S. Bank National Association. The property owners should be able to provide information regarding the contact person for the notes. For purposes of this release(s), I am attaching a partial release form. Releases provided should substantially conform to the attached form.

Also, as you will note, there is an Abstract of Judgment in favor of Goodman Factors, Inc., which was filed November 9, 2001 (see No. 11 on Page 2 of Schedule C), and a Lis Pendens, which was filed February 28, 2002, in *RDL II, Ltd. doing business as RDL Supply vs. Multani Construction Co. and Rail Hotels Corporation* (see No. 12 on Page 2 of Schedule C). The property owners will need to negotiate releases from the appropriate parties involved in these two lawsuits.

Once the releases are obtained, please let me know so that we can get the deed prepared and obtain the necessary affidavits from the property owner to complete the transaction. If you have any questions, please give me a call.

Sincerely,

Angela K. Washington

c w/o enclosures: ✓ Steve Chutchian
Ken Dippel

COMMITMENT FOR TITLE INSURANCE NO. 1-03/28/2002
SCHEDULE C

Your Policy will not cover loss, costs, attorneys fees, and expenses resulting from the following requirements that will appear as Exceptions in Schedule B of the Policy, unless you dispose of these matters to our satisfaction, before the date the Policy is issued:

1. Documents creating your title or interest must be approved by us and must be signed, notarized and filed for record.
2. Satisfactory evidence must be provided that:
 - no person occupying the land claims any interest in that land against the persons named in paragraph 3 of Schedule A,
 - all standby fees, taxes, assessments and charges against the property have been paid,
 - all improvements or repairs to the property are completed and accepted by the owner, and that all contractors, subcontractors, laborers and suppliers have been fully paid, and that no mechanic's, laborer's or materialmen's liens have attached to the property,
 - there is legal right of access to and from the land,
 - (on a Mortgagee Policy only) restrictions have not been and will not be violated that affect the validity and priority of the insured mortgage.
3. You must pay the seller or borrower the agreed amount for your property or interest.
4. Any defect, lien or other matter that may affect title to the land or interest insured, that arises or is filed after the effective date of this Commitment.
5. With respect to item 2 of Schedule C above, the Company will not except in any policies to be issued pursuant to this commitment to 'Lack of a right of access to and from the land'. [5]
6. Require satisfactory evidence of authority to act on behalf of record owner. [6]
7. Deed of Trust from RAIL HOTELS CORPORATION to COMMONWEALTH LAND TITLE INSURANCE COMPANY, Trustee, dated 01/08/1999, filed 02/04/1999, recorded in Volume 99024, Page 1026, Deed of Trust Records of Dallas County, Texas, securing a note in the principal sum of \$2,100,000.00, payable to COMMERCE LOAN CO ADO BANK OF COMMERCE A CA BANKING CORP, and securing other indebtedness as described therein, if any. As affected by document recorded in Volume 99024, Page 1042, Deed Records, Dallas County, Texas. Financing Statement recorded in Volume 99024, Page 1049, Deed Records, Dallas County, Texas. Assignment of Franchise Agreement recorded in Volume 99024, Page 1035, Deed Records, Dallas County, Texas. As affected by Intercreditor Agreement and Certificate recorded in Volume 2000019, Page 234, Deed Records, Dallas County, Texas. [19]
8. Deed of Trust from RAIL HOTELS CORPORATION to COMMONWEALTH LAND TITLE COMPANY, Trustee, dated 01/08/1999, filed 02/04/1999, recorded in Volume 99024, Page 1053, Deed of Trust Records of Dallas County, Texas, securing a note in the principal sum of \$1,000,000.00, payable to COMMERCE LOAN CO ADO BANK OF COMMERCE A CA BANKING CORP, and securing other indebtedness as described therein, if any. As affected by document recorded in Volume 99024,

(CONTINUED ON NEXT PAGE)

SCHEDULE C PAGE 2

Page 1070, Deed Records, Dallas County, Texas. Financing Statement recorded in Volume 99030, Page 201, Deed Records, Dallas County, Texas. Assignment of Franchise Agreement recorded in Volume 99024, Page 1063, Deed Records, Dallas County, Texas. As affected by Intercreditor Agreement and Certificate recorded in Volume 2000019, Page 223, Deed Records, Dallas County, Texas. Appointment of Substitute Trustee recorded in Volume 2002028, Page 6254, Deed Records, Dallas County, Texas. [20]

9. Mechanic's Lien by Affidavit in favor of RDL SUPPLY against RAIL HOTELS CORPORATION in the amount of \$18,636.56, filed 10/09/2001, recorded in Volume 2001197, Page 5278, Mechanic's Lien Records of Dallas County, Texas. Being a revision of a lien recorded in Volume 2001122, Page 3957, Deed Records, Dallas County, Texas. [21]
10. Financing statement executed by RAIL HOTELS CORPORATION as debtor, in favor of GMAC COMMERCIAL MORTGAGE CORPORATION as secured party, filed 01/20/2000, recorded in Volume 2000013, Page 5877, Deed Records of Dallas County, Texas. [24]
11. Abstract of Judgment in favor of GOODMAN FACTORS, INC. against NATEA CONSTRUCTION INC. AND RAIL HOTELS in the amount of \$40,009.40, plus interest, court costs and attorney's fees, if any, filed 11/09/2001, recorded in Volume 2001221, Page 402, Abstract of Judgment Records of Dallas County, Texas. [25]
12. Lis Pendens filed 02/28/2002, recorded in Volume 2002041, Page 7487, Miscellaneous Records of Dallas County, Texas, in suit cause no. 02-1919-G, styled RDL II, LTD. doing business as RDL SUPPLY vs. MULTANI CONSTRUCTION CO. and RAIL HOTELS CORPORATION doing business as MAINSTAY SUITES. [23]

Release of Lien (PARTIAL)

THE STATE OF TEXAS

KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF _____

WHEREAS, on the _____ day of _____ A.D. 20_____, _____ (hereinafter called "Maker," whether one or more, masculine, feminine or neuter) did execute, acknowledge and deliver to _____ (hereinafter called "Payee," whether one or more, masculine, feminine or neuter) a deed of trust recorded under County Clerk's File No. _____, or Volume _____ page _____, Deed of Trust/Land Records of _____ County, Texas, covering the following described real estate located in _____ County, Texas:

to secure the prompt payment of one certain promissory note executed by the said Maker and payable to the order of said Payee in the original principal sum of _____, as therein provided;

AND, WHEREAS, said note with accrued interest therein has been partially paid to the undersigned, the legal and equitable holder and owner of such note;

NOW, THEREFORE, the undersigned, in consideration of the premises and of the partial payment of said note, the receipt of which is hereby acknowledged, has this day, and does by these presents **RELEASE, DISCHARGE AND QUITCLAIM** unto the Maker, his, her or its successors, heirs or assigns, as the case may be, all the right, title, interest and estate in and to the property above described which the undersigned has or may be entitled to by virtue of said deed of trust and any contemporaneous vendor's lien, and does hereby declare the same fully released and discharged therefrom, and from any and all other liens and security interests securing said indebtedness held by the undersigned whatsoever.

It is expressly understood that this is a **PARTIAL RELEASE** and releases the liens securing the payment of the above described indebtedness as to the herein described property only, and nothing herein shall be construed to waive, affect, release or impair the validity of the liens securing the payment of said indebtedness as to any other property set out and described in the above mentioned instrument.

EXECUTED this _____ day of _____, A.D. 20____.

STATE OF _____)

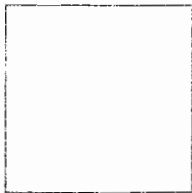
COUNTY OF _____)

This instrument was acknowledged before me this _____ day of _____, 20__ by
_____.

Notary Public, State of _____

Print Name: _____

My Commission Expires: _____



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I. C. FINKLEA, P.E.

July 19, 2002

Mr. Steven Z. Chutchian, P.E.
Assistant City Engineer
Town of Addison
P. O. Box 9010
Addison, Texas 75001-9010

Re: Addison Road

Dear Mr. Chutchian:

We are enclosing five sets of preliminary plans for paving and drainage improvements to Addison Road from Beltline to Arapaho Road for the Town's review and comment. Upon completion of your review, please notify us of the Town's comments. We will address each of those comments in the final submittal of plans.

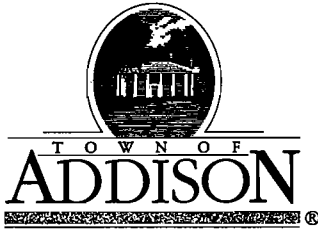
In the preliminary plans, please review the area in front of the car wash. The area for the relocated sign is narrower than what exists. This will cause the relocated sign to be of different dimensions. It is our understanding that it was agreed for the Town to relocate the existing sign. Please clarify what responsibility the Town has and how we need to incorporate this in the plans. Also please note a few potential conflicts along the sidewalk route with existing private property features. Within the proposed parkway easements, existing sprinkler systems exist that will conflict with the sidewalk, tree plantings and sodding. We request that the property owners be approached by the Town's right-of-way agent and sprinkler system layouts be requested.

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

Sincerely,

John W. Birkhoff, P.E.

Enclosures



PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

July 17, 2002

Mr. Pat Haggerty
Campbell Company of Dallas Realtors
16475 Dallas Parkway, Suite 700
Addison, Texas 75001

Re: Oasis Car Wash

Dear Pat:

Our Public Works staff recently met with Cindy Pervenanze, Chief Financial Officer, and Rich Deal, Director of Operations, representing Oasis Car Wash (15209 Addison Rd.), and discussed the Town's need to acquire a 20 ft. wide Parkway Easement along Addison Rd. The following items were tentatively agreed upon by both parties regarding this easement acquisition:

- The Town will pay the owner an amount equal to the established appraised value. This payment is subject to approval by the Council.
- The Town will relocate an existing drive approach and construct another drive approach, in accordance with a drawing provided by the owner.
- The Town will remove two existing monument signs located on the owner's property.
- The owner will be responsible for the construction of a new monument sign.
- The Town will be responsible for the placement of the new monument sign between the two proposed drive approaches. The new sign must in accordance with existing Town of Addison ordinances.
- The Town will construct landscaping, sidewalk, and irrigation improvements within the 20 ft. wide Parkway Easement.

Should you have any questions, please let me know.

Sincerely,

Steven Z. Chutchian, P.E.
Assistant City Engineer

Steve Chutchian

From: John Birkhoff [JBirkhoff@BHCLLP.COM]
Sent: Monday, May 20, 2002 8:55 AM
To: schutchian@ci.addison.tx.us
Subject: Re: Addison Rd. R.O.W.-Sambuca

Driveways at Oasis will be revised as requested, but to a width of 20 feet. We request information on the signs electrical needs as it will need to be designed for the new location or will this be completed by the property owner.

Talked with the landscape architect and he is working with Slade to select the type of trees to be used. They are on the second type of tree now. I recommend that you let Slade know the timing for this project so a tree can be selected and design can be completed.

>>> <schutchian@ci.addison.tx.us> 05/16/02 02:33PM >>>

John - I received your two revised right-of-way documents for Sambuca and Chanaa parcels. As we discussed, we wanted to verify the previously dedicated 12 ft. of r.o.w. across Sambuca. We are satisfied that the 12 ft. wide taking exists, and would like to fit our Addison Rd. design to work entirely within the 12 ft. Please make any necessary adjustments to the design accordingly.

We also received the revised legal description and map for the Chanaa parcel. Luke Jalbert will send it to our appraiser to revise the appraisal and to our r.o.w. agent for his use in negotiating the taking.

As a follow-up, do you foresee any problems with providing Oasis Car Wash an additional driveway approach that they requested and installation of their new monument sign?

How soon will you have updated Civil and landscaping drawings on Addison Rd. ready for our staff review?

Thanks.

Steve Chutchian

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Dallas, Texas 75231

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ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

March 19, 2002

*TO BE REUSED
w/ AS PER meeting
BIRKHOFF, JIM & LUKE
ON 3/28/02*

Mr. Steven Z. Chutchian, P.E.
Assistant City Engineer
Town of Addison
P. O. Box 9010
Addison, Texas 75001-9010

Re: Addison Road

Dear Mr. Chutchian:

In accordance with your request, we propose to furnish engineering services to modify the Paving and Drainage Plans to Addison Road from Beltline Road to Keller Springs Road. The modifications will include the following:

1. Divide the Paving & Drainage Project into three phases.
 - a) Phase I: Beltline to Arapaho
 - b) Phase II: Arapaho to Morris
 - c) Phase III: Morris to Keller Springs
2. Add to Phase I - Landscaping and Irrigation. The plan will follow Sasaki's Landscape Concept Plan. Local landscape architect will be utilized.
3. Divide the Traffic Signal and Traffic Signal Interconnect plans into three phases (Parson's Transportation Group).
4. Include a public relations task to the Construction Administration phase of Phase I.
5. Prepare construction plans for the relocation of the existing ONCOR (TXU) pole-mounted 15 KV Class electrical services for Phase I and Phase II (Compos Engineering).
6. Add a utility coordination phase to the Contract that would allow us to meet with the affected utilities on a regular basis, provide construction plans to them, receive utility company plans and update the Town's staff on schedules for such relocations.

Dividing the paving and drainage plans into these phases will include creating three sets of bidding plans. The plans will be modified by deleting unneeded sheets and placing phase lines on existing sheets. Coordination between phases will be made to provide for constructability. The ending of each

Mr. Steven Z. Chutchian, P.E.
Town of Addison
3/19/2002
Page 2 of 4

phase will require transition paving sections. The drainage area map and drainage calculations will not be divided. Drainage plans will be divided to include primary storm drainage lines and laterals related to each phase. Quantity take-off will be completed for the phase of the project. The driveway at Café de Brazil will be relocated.

Landscape and Irrigation plans will be completed by Roth Designs. Lee Roth, ASLA will work with the Town's Slade Strickland to select trees and plantings to be placed in the landscape easements in Phase I. The landscape plans will utilize the base sheets created for the paving project. Again, Sasaki's Landscape concept will be followed.

The traffic plans will be reworked by Parson's Transportation Group to include three separate sets of plans for the signal interconnects. The traffic signal at Addison Circle Drive will be in Phase II. Quantity take-offs will be completed for the phased projects.

The public relations task will utilize Shapiro & Company. This task will include providing pre-construction, construction and post construction mailings for businesses affected by the construction. Such literature would be also available at the Town's facilities for the general public. Renderings by the Landscape Architect would be a part of this proactive public awareness program. This task would include preparing public friendly project overviews, construction schedule milestones, and construction phasing leaflets. In addition, this service could be extended to provide creative ideas to help businesses stay in business during the construction phase. Also included will be attendances at public meetings.

Design of an underground conduit system to meet the electric, telephone and cable company requirements and coordinate with the planned roadway improvements. The design will include the following:

1. Underground Conduit System
2. Manholes
3. Equipment pad for utility supplied electric, telephone and cable service cabinets.
4. Transition raceway system to convert from overhead to underground at the Dart tracks and back to overhead at Morris Road.
5. Bored or open cut conduit extensions to accommodate intersections, roadway crossings, and service to customers located on the west side of Addison Road.

Design underground electric, telephone and cable extensions to each existing customer along the project route. The work will include the following:

1. Conduit and wire to extend electric service from the ONCOR (TXU) service point to connect the customer's service entrance equipment. Final connections will be placed and scheduled to minimize outage time and customer inconvenience.
2. Empty raceway for the extension of telephone and cable by the appropriate utility service.

Design provisions for future extension of electric, telephone and cable to the planned arts and events district. The capacities for the future provisions will be based upon available information, industry standards for typical installations and upon the town's master plan. The design of the underground services within the Arts and Event district will be part of the design of that project and is not included in these basic services.

The design does not include environmental engineering or testing that maybe required at the Airport fuel farm or other areas (unknown at this time) where the soil is potentially contaminated or designs to correct existing code or safety issues at utility customers service entrance or service entrance equipment. However, observed problems will be reported to the Town.

The ONCOR relocation plans are envisioned to be a separate set of plans and specifications. This work would precede the paving and drainage lettings. These plans would utilize the current construction plans as base sheets. The designs would be the ONCOR standards and will include coordination with ONCOR. In addition, the following will be included in the scope:

1. Drawings will be completed utilizing AutoCAD 2000 and formatted to fit 11-inch x 17-inch sheets.
2. Quantity take-off and formulation of an opinion of probable construction cost will be prepared.
3. Bidding documents will be prepared including the electrical proposal and bid schedule.

We propose to be compensated for plan modification, landscape & irrigation, public relations & meetings, utility coordination and reproduction based on the following fee schedule:

FEE SCHEDULE

Classification/Task	Straight Time (Rate)
Engineer	\$160.00
Design Engineer	\$110.00
CAD Technician	\$90.00
Draftsman	\$75.00
Word Processor	\$75.00
Clerical	\$55.00
Survey Crew	\$120.00
Plotting Services	\$5.00 /plot
Mileage	0.50 ¢/mile
Delivery Service	\$50.00
Printing	Invoice x 1.10

Mr. Steven Z. Chutchian, P.E.
Town of Addison
3/19/2002
Page 4 of 4

Electrical relocation plans and specifications will be based on the lump sum of \$73,500.00.

A breakdown of the fees is as follows:

Modification to Paving & Drainage Plans (Hourly)	\$15,000
Modification to Traffic Plans (Hourly)	\$10,000
Development of Landscaping and Irrigation Plans (Hourly)	\$8,000
Public Relations and Public Meetings (Hourly)	\$12,000
Electrical Relocation Plans & Specifications (Lump Sum)	\$65,000
Electrical Relocation Bidding Phase (Lump Sum)	\$3,500
Electrical Relocation Construction Administration (Lump Sum)	\$5,000
Utility Coordination (40-hrs.) (Hourly)	\$6,400
Reproduction of Documents for Review (Hourly)	<u>\$3,000</u>
Total:	\$127,900

Sincerely,

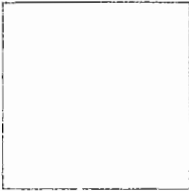


John W. Birkhoff, P.E.

APPROVED FOR THE TOWN OF ADDISON

By: _____

Date: _____



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7502 Greenville Ave., #220

Dallas, Texas 75231

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March 19, 2002

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

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Mr. Steven Z. Chutchian, P.E.
Town of Addison
3/19/2002
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Modification to Traffic Plans (Hourly)	\$10,000
Development of Landscaping and Irrigation Plans (Hourly)	\$8,000
Public Relations and Public Meetings (Hourly)	\$12,000
Electrical Relocation Plans & Specifications (Lump Sum)	\$65,000
Electrical Relocation Bidding Phase (Lump Sum)	\$3,500
Electrical Relocation Construction Administration (Lump Sum)	\$5,000
Utility Coordination (40-hrs.) (Hourly)	\$6,400
Reproduction of Documents for Review (Hourly)	<u>\$3,000</u>
Total:	\$127,900

Sincerely,



John W. Birkhoff, P.E.

APPROVED FOR THE TOWN OF ADDISON

By: _____

Date: _____

COMMENTS ON BIRKHOFF PROPOSAL
FOR ADDISON RD.

3/28/02

1. DESIGN PHASE I ONLY - NO PHASE SEPARATION
2. O.K.
3. CANCEL THIS ITEM - PUT CONDUIT IN ONLY!
4. STAFF TO HANDLE THIS
5. CANCEL THIS ITEM - LET TXU DO ENGINEERING.
6. 1ST SUBMITTAL ONLY, INCLUDING PLANS & COVER LETTER & KICK OFF MEET

1 - SET OF PLANS ONLY.

DRAINAGE MAP WILL NOT CHANGE

LANDSCAPE + IRRIGATION \checkmark O.K.

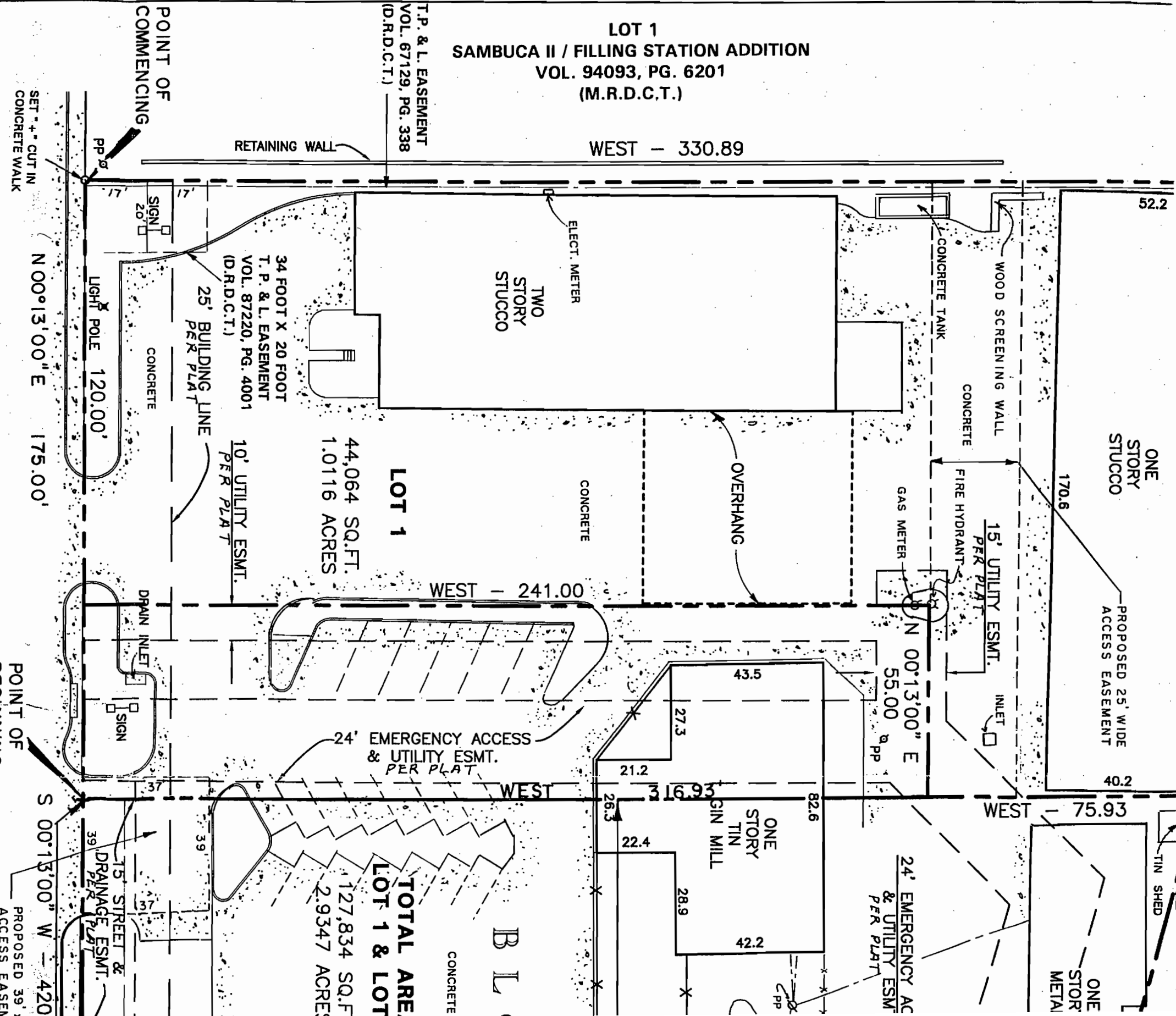
\checkmark NO WORK ON TRAFFIC PLANS

\checkmark NO PUBLIC RELATIONS WORK

\checkmark UNDERGROUND CONDUIT \checkmark IS OUT

FREE SCHEDULE

TAKE OUT ENGINEER \$160.00



LOT 1
SAMBUCA II / FILLING STATION ADDITION
VOL. 94093, PG. 6201
(M.R.D.C.T.)

T.P. & L. EASEMENT
VOL. 67129, PG. 338
(D.R.D.C.T.)

34 FOOT X 20 FOOT
T.P. & L. EASEMENT
VOL. 87220, PG. 4001
(D.R.D.C.T.)

LOT 1
44,064 SQ.FT.
1.0116 ACRES

24' EMERGENCY ACCESS
& UTILITY ESMT.
PER PLAT

TOTAL ARE
LOT 1 & LOT
127,834 SQ.FT.
2.9347 ACRES

ADDISON ROAD

CV. 1
 $\Delta = 35'21.04"$
 $R = 713.94'$
 $T = 227.51'$
 $L = 440.49'$
 $CB = S 15'23.15" W$
 $CH = 433.54'$

CV. 2
 $\Delta = 17'26.54"$
 $R = 713.94'$
 $T = 109.56'$
 $L = 217.42'$
 $CB = S 49'06.33" W$
 $CH = 216.58'$

CV. 3
 $\Delta = 09'43.07"$
 $R = 730.00'$
 $T = 62.06'$
 $L = 123.82'$
 $CB = S 85'29.26" W$
 $CH = 123.68'$

CV. 4
 $\Delta = 14'07.44"$
 $R = 713.94'$
 $T = 88.48'$
 $L = 176.05'$
 $CB = S 4'46.35" W$
 $CH = 175.61'$

DEG. 13' MIN. 20 SEC.

4 FEET

DEG. 27' MIN. 08 SEC. E

42.2 FEET

20' WIDE CONSTRUCTION EASEMENT VOL. 79236, PAGE 2770

S. L. & S. W. R. R. 100' R.O.W.

ONE STORY METAL

EMERGENCY ACCESS UTILITY ESMT.

INLET

ELECT. METER

CHAIN LINK FENCE

ONE STORY CONC. BLOCK

42.2

OVERHEAD SERVICE LINES

PP

ELECT. METER

PP

OVERHEAD SERVICE LINE

GUY WIRE

70,516 SQ. FT. / 1.6188 ACRE

TWO STORY CONCRETE BLOCK

SUBJECT TRACT

B L O C K

CONCRETE

TOTAL AREA LOT 1 & LOT 2 27,834 SQ. FT. 2,9347 ACRES

LOT 2

83,771 SQ. FT. 1.9231 ACRES

ONE STORY CONCRETE BLOCK

10' DRAINAGE ESMT VOL. 79236, PG. 2770 AND 20 FOOT CONSTRUCTION EASEMENT DRAIN INLET

2824 SQ. FT. / 0.0648 ACRE

25' BUILDING LINE PER PLAN

3019 SQ. FT. / 0.0693 (12 FT. FUTURE R.O.W.)

PROPOSED 39' x 37' RECIPROCAL EASEMENT

USON ROAD

(VARIABLE WIDTH RIGHT-OF-WAY)

ASPHALT PAVEMENT WITH CONCRETE CURB AND GUTTER

PP

420.56

300.56'

TRAFFIC SIGNAL SET

CV. 6

SWIFT SIGNAL METER POLE

ONE STAR GAS MARKER

N 44°43'00" W 28.32

N 89°39'00" W 20.07

ARAPAHO ROAD (60' R.O.W.) (UNIMPROVED)

N 89°39'00" W 19.93

LOT 1 11,363

79.7

19.8

19.8

9

98.1

120.1

122.6

60.1

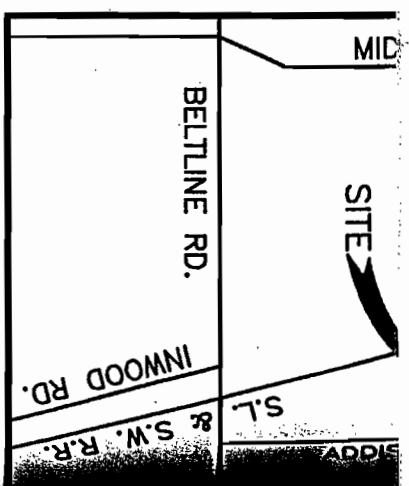
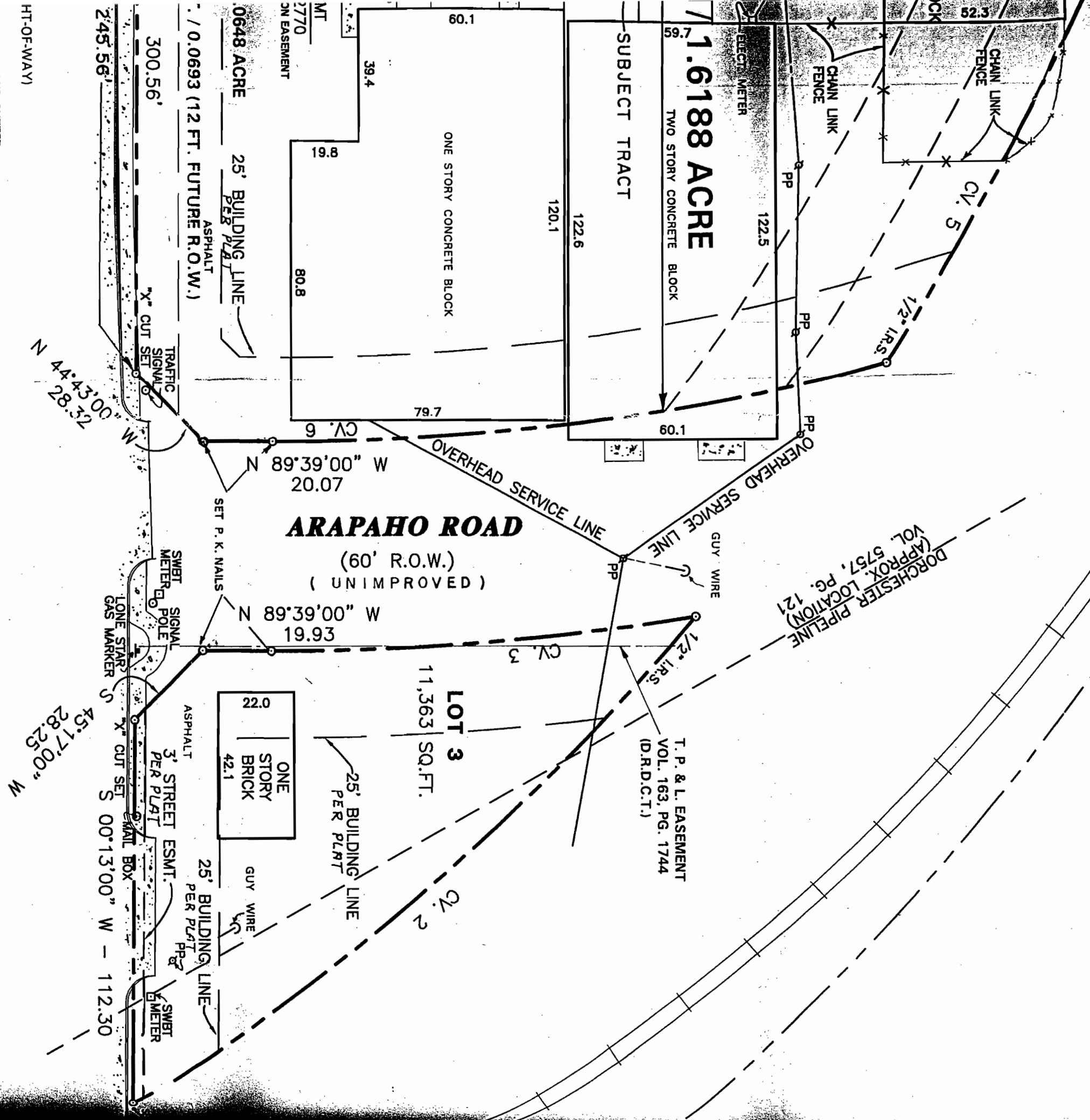
CV. 5

1/2" I.R.S.

DORCHESTER PIPELINE (APPROX. LOCATION) VOL. 5757, PG. 121

22.0

S.L. & S.W. R.R.
100' R.O.W.



LOCATION MAP
N.T.S.

NOTE: The easements recorded in the following instruments DO NOT affect this subject tract:
 Volume 163, Page 1744
 Volume 5757, Page 121 and related amendments
 Volume 83049, Page 407
 Volume 83053, Page 2004

Steve Chutchian

To: Luke Jalbert
Cc: Jim Pierce
Subject: Addison Rd. Widening Project

Luke - as we discussed this morning, please prepare a budget for the Addison Rd. project, similar in format to the Arapaho Rd. project budget. We will need to include John Birkhoff's upcoming proposal if it involves funding additional monies to complete the design and r.o.w. acquisition.

AFTER THE
11/29/01 MTC

Other components of this project that we need to initiate soon are as follows:

As we receive revised easement parcel descriptions and maps, we need to forward them to Pat Haggerty and Angela Washington to initiate the acquisition process, and to Jim Cullar to prepare associated appraisals. Jim is already under contract with us to perform these appraisals. I will also set up a meeting with Jeanne Hooker, with TXU, John Birkhoff, Jim, you and I, to discuss the initiation of engineering for pole relocation on phase I (Belt Line Rd. to Arapaho Rd.).
Thanks.

11/29/01 @ 2:30 P.M.

Steve Chutchian



December 6, 2001

Town of Addison

TXU Estimated Costs for Relocation of facilities on Addison Road

Cost #1: Site – Addison Road from Belt Line Rd on the south to Broadway

- The Town of Addison to provide the utility easements for TXU facilities.
- Upon relocation of TXU facilities, use 24-65ft. concrete poles in lieu of wood poles for esthetics.
- All poles adjacent to Addison Rd are to be replaced on both sides of the street.
- The taller concrete poles are used to clear tree plantings of Texas red oaks which will be approximately 30 feet high.
- The concrete poles will be set in the same vicinity as the existing pole locations.

Estimated Cost: \$118,200.00

Cost #2: Site – Addison Road from Broadway on the south to Morris on the north.

- Convert the existing overhead facilities to underground facilities with TXU performing the civil and electrical work.
- The Town of Addison is responsible for obtaining easements for the padmount switches and transformers.
- The Town of Addison will be responsible for the rewire and if necessary, the bringing up to code, of customer's electrical services.

Estimated Cost: \$786,500.00

Cost #3: Site - Addison Road from Broadway on the south to Morris on the north

- Upon relocation, move the overhead line to the west side of Addison, using wood poles.
- The Town of Addison to provide easements for the overhead line.
- Place any crossings of Addison Road underground, which involves four-3 phase and one single phase crossing.
- This design will require the installation of two padmount transformers. The Town of Addison will be responsible for obtaining easements for the transformers.

Estimated Cost: \$98,700.00

Cost #4: Site – Arts District Area

- Remove existing overhead facilities in the area bounded by Addison Road, Addison Circle and the railroad tracks, leaving the service to farmhouse and barn and the service to the building on the southwest corner of the bounded area.
- Provide overhead service for the special events booths along Julian Street.

Estimated Cost: No cost for removal of facilities.

Consult Mr. Richard Hildebrand 972-888-1329 for new service

Cost #5 Site – Arts District Area

- Provide new underground service for north side.

Estimated Costs – need load information. Please contact Richard Hildebrand 972-888-1329 for new service

Reeves Partain
TXU Electric and Gas
Office 214-875-2256

Addison Rd Widening

11-29-01

180' Span normal for double circuit poles

Street Lighting - NG on poles - too far back from street

Use Separate Lights for street (and sidewalk?)

Elec Underground Crossing of street to eliminate overhead electric crossings.

→ With undergrounding, its best to build the UG along with the road.

~~and must with wire on poles~~

→ UG facilities need to be complete & "hot" before overhead can be removed.

Exist poles may interfere with paving operations.

JEP

Haston Associates

Engineering the Future

1824 Holm Oak St.
Arlington, TX 76012
Metro (817) 265-2253
Fax (817) 275-0617

15 January 1999

Mr. John W. Birkhoff, P.E.
Shimek, Jacobs & Finklea, L.L.P.
Consulting Engineers
8333 Douglas Avenue, #820
Dallas, Texas 75225

Re: Addison Road from Beltline to Keller-Springs

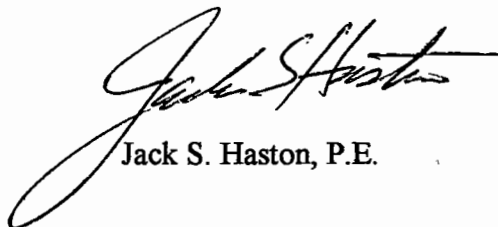
Dear Mr. Birkhoff:

Attached is our report of the pavement investigation for the referenced project. This report gives details of the field exploration, laboratory testing, and results.

It has been a pleasure to perform this work for you and we look forward to an opportunity to be of additional service. If you have any questions or if we may be of additional assistance, please call.

Very truly yours,

Haston Associates



Jack S. Haston, P.E.

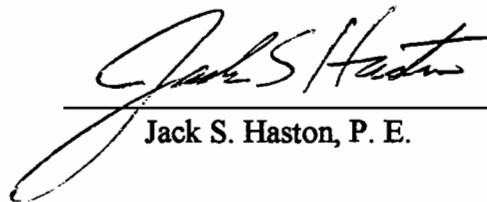
Steve
for your
file
Jim

**REPORT OF
PAVEMENT INVESTIGATION
FOR
ADDISON ROAD
FROM BELTLINE ROAD TO KELLER-SPRINGS ROAD
ADDISON, TEXAS**

Prepared For:

Mr. John W. Birkhoff, P.E.
Shimek, Jacobs & Finklea, L.L.P.
Consulting Engineers
8333 Douglas Avenue, #820
Dallas, Texas 75225

Prepared by:



Jack S. Haston, P. E.



Haston Associates
1824 Holm Oak St.
Arlington, TX 76012
(817) 265-2253

15 January 1999
Job No. H9812

**SUBSURFACE INVESTIGATION
ADDISON ROAD
FROM BELTLINE ROAD TO KELLER-SPRINGS ROAD
ADDISON, TEXAS**

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	Logs of Borings	

I. INTRODUCTION

This report contains the details of field exploration and laboratory testing performed for the proposed reconstruction of Addison Road from Beltline Road to Keller-Springs Road in Addison, Texas.

A. Authorization

This study was authorized by Mr. John Birkhoff, P.E., of Shimek, Jacobs and Finklea, L.L.P.

B. Purpose

The purpose of this investigation was to determine the subsurface materials and conditions present at the site and to make recommendations concerning pavement design.

C. Scope

In order to accomplish the purpose of the study, the following scope of services was provided:

1. A geologic reconnaissance at the site and the area was conducted.
2. Eleven exploratory borings were drilled to depths ranging from 3.0 feet to of 10.0 feet below the existing pavement surface to determine subgrade soil types and to obtain samples.
3. Laboratory tests were conducted to determine pertinent engineering properties of the subsurface materials.

II. FIELD AND LABORATORY SERVICES

To accomplish the proposed scope of services, field and laboratory studies were conducted. These activities are described in the following paragraphs.

A. Field Activities

The signatory of this report conducted a site visit and windshield survey of the area to determine site conditions and geology. This reconnaissance included a preliminary review of available published geological and topographic information. This activity encompassed about four hours and was conducted before field exploratory drilling.

Subsurface materials and conditions were explored 6 November 1998 by means of eleven borings located approximately as shown on attached Sheet 1. The borings were advanced through the pavement with an auger and then Shelby-tube samplers were used to obtain relatively undisturbed samples. The samples were labeled, sealed in moisture-proof containers, and transported to the laboratory for further examination and analysis.

Observations for the presence of groundwater were made during and after the drilling operations. Results of groundwater observations are shown by the notes on the attached Logs of Borings.

B. Laboratory Testing

Samples were selected to determine pertinent engineering properties. After tests were complete, the field logs were edited to prepare final Logs of Borings (attached) in general accordance with ASTM D 2487, Standard Test Method for Classification of Soils for Engineering Purposes.

Atterberg Limits Tests

Atterberg Limits tests were performed on selected samples to assist in identification and classification. The method was in general accordance with ASTM D 4318, Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.

Minus 200-Mesh Sieve Tests

The primary purpose of sieve tests was also to aid in proper classification of the soils. The method used was in general accordance with ASTM D 1140, Standard Test Method for Amount of Material in Soils Finer Than the No. 200 (75 μ m) Sieve.

Moisture Content Tests

The soil moisture condition of selected samples was determined in general accordance with ASTM D 2216, Standard Method for Laboratory Determination of Water (Moisture) Content of Soil, Rock, and Soil-Aggregate Mixtures.

pH Lime Series Tests

Two tests were performed to determine the subgrade soil reaction with lime. These were performed in accordance with ASTM C 977 Appendix X.1. Results are shown in the appendix.

Unconfined Compressive Strength Tests

Unconfined compressive strength tests were performed on selected undisturbed samples to determine strength and consistency properties. The method used was in general accordance with ASTM D 2166, Standard Test Method for Unconfined Compressive Strength of Cohesive Soils.

III. SITE CONDITIONS

Based on the results of field reconnaissance, exploration, testing, literature review, and experience, site and subsurface conditions are interpreted as described in the following paragraphs.

A. General Description

The roadway alignment is located on fairly level ground with only about 5-10 of ground surface elevation rise from Beltline Road to Keller-Springs Road, based on the USGS Addison, Texas, Quadrangle Map.¹ The existing roadway is a four-lane road with asphalt pavement.

B. Subsurface Materials and Conditions

The site is situated on the mapped outcrop of the Austin Chalk geologic formation.² The Austin chalk is a marine deposited marl, or chalky limestone, which is gray in its unweathered state and changes color to tan or white due to leaching during the weathering process. The bark brown or black soils at the ground surface are derived from further weathering of the formation. Shallow water tables and seepage are common in the Austin Chalk.

The depth and thickness of each soil stratum may vary between borings. However, the subsurface materials at the site can be generally described as follows:

- 5 to 10 inches of asphalt pavement (or concrete with asphalt overlay);
- 0 to 4 inches of crushed stone base;
- 0.0 to 5.1 feet of dark brown clay;
- 0.0 to 3.5 feet brown clay;
- 0.0 to 3.0 feet of tan or tan and brown clay; and,

¹ *Addison Quadrangle, Texas-Dallas Co., 7.5 Minute Series (Topographic), 1959, photorevised 1981, for sale by the U. S. Geological Survey, Denver, Colorado 80225.*

² *Geologic Atlas of Texas, Dallas Sheet, published by the Bureau of Economic Geology, The University of Texas at Austin, Austin, Texas 78712, 1972, Revised 1988.*

Austin Chalk limestone down to at least the bottoms of the borings.

D. Groundwater

Groundwater was encountered in only one boring, No. 11, at the 6.5-foot depth. This groundwater may originate as precipitation, lawn and landscape irrigation, leakage, or spillage. The porous soils and fractured rock in the upper portion of the Austin chalk are an unconfined aquifer. Shallow seepage is common in the area.

IV. ANALYSIS AND RECOMMENDATIONS

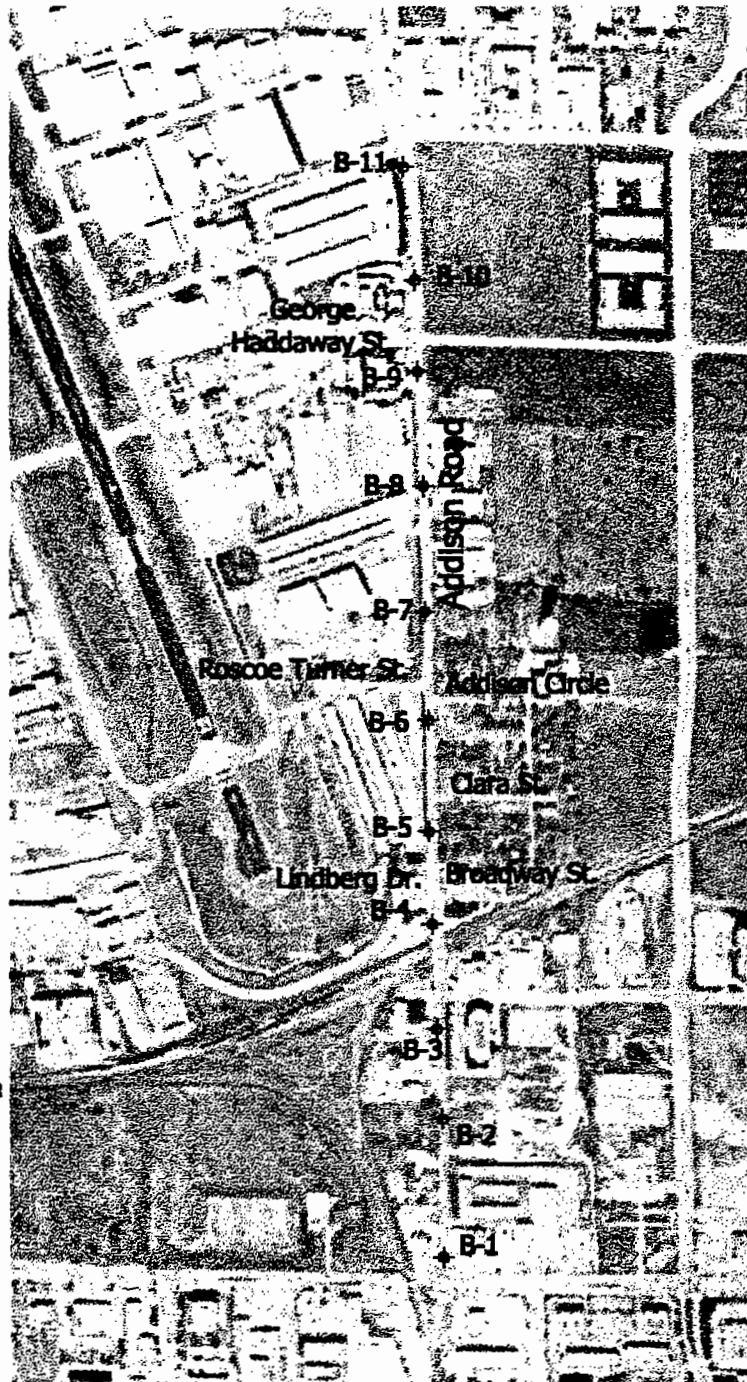
We understand that jointed reinforced concrete pavement is to be used for reconstruction of Addison Road, in accordance with the City's General Design Standards. Based on the AASHTO-86 pavement design method (data sheets attached), the concrete pavement thickness should be 10 inches with 3,500 psi concrete.

In our opinion, lime stabilization of the subgrade soils is the best method of providing a durable non-pumping subbase at this site. The recommended application rate for hydrated lime is 7 percent, or 30 pounds per square yard for a 6-inch compacted thickness³.

³ Haston, J.S., "A Quick Method for Selecting the Optimum Lime content for Subgrade Stabilization," approved in 1996 for publication in as a technical note in the ASCE *Journal of Construction Engineering and Management*, publication in progress.

Haston Associates

APPENDIX



DART Rail Line

Keller-Springs Road

Airport Pkwy

Arapaho Rd.

Belt Line Road



Plan of Borings

Addison Road from
Beltline Road to Keller-Springs Road

**Haston
Associates**

Drawn by JSH

Scale: As Shown

Sheet 1

Date 02-Nov-98

Job No. H9812

=====

AASHTO '86 -- Pavement Analysis Program (1)

=====

Addison Road H9812

***** Rigid Analysis *****

* Pavement Depth	=	9.32	inches
* Design E 18's	=	5,000,000	
* Reliability	=	85.00	percent
* Overall Deviation	=	0.35	
* Modulus of Rupture	=	705.0	psi
* Modulus of Elasticity	=	4,018,000	psi
* Load Transfer, J	=	3.20	
* Mod. of Subgrade Reaction	=	11	psi/in
* Drainage Coefficient	=	0.90	
* Initial Serviceability	=	5.00	
* Terminal Serviceability	=	2.50	

SUMMARY OF LABORATORY TEST RESULTS

CT Job No. : 98.0850
 Date : 11/9/98
 Haston Job No. : H9812

Location: Addison Road (Between Belt Line
 & Keller Springs)
 Addison, Texas

Boring No.	Depth Feet	Soil Description	Class	Water Content %	Dry Unit Weight pcf	Liquid Limit %	Plastic Limit %	Plasticity Index %	Unconfined Compressive Strength ksf	Unit Strain %
1	0-1.5	CLAY, dark brown,	CH	8.1						
1	1.5-3.0	CLAY, dark brown,	CH	30.4	94	64	21	43		
						68.5 % Passing # 200 Sieve				
1	3.0-4.5	CLAY, dark brown,	CH	31.3	91				3.1	7.6
1	4.5-5.0	CLAY, dark brown,	CH	23.5						
1	9	LIMESTONE, tan, weathered	LS							
2	0-1.5	CLAY, brown, (Fill)	CH	18.7	108					
2	1.5-3.0	CLAY, brown, (Fill)	CH	19.7	111					

SUMMARY OF LABORATORY TEST RESULTS

CT Job No. : 98.0850
 Date : 11/9/98
 Haston Job No. : H9812

Location: Addison Road (Between Belt Line
 & Keller Springs)
 Addison, Texas

Boring No.	Depth Feet	Soil Description	Class	Water Content %	Dry Unit Weight pcf	Liquid Limit %	Plastic Limit %	Plasticity Index %	Unconfined Compressive Strength ksf	Unit Strain %
3	0-1.5	CLAY, dark brown, (Fill)	CH	11.8	116					
3	1.5-3.0	CLAY, dark brown,	CH	30.1	92					
3	3.0-4.5	CLAY, brown,	CH	29.0	94				23	4.7
3	4.5-6.0	CLAY, brown,	CH	29.8						
3	6.0-7.5	CLAY, tan,	CH	29.9		60	19	41		
						76.8 % Passing # 200 Sieve				
3	7.5-9.0	CLAY, tan,	CH	21.1						

SUMMARY OF LABORATORY TEST RESULTS

CT Job No. : 98.0850
 Date : 11/9/98
 Haston Job No. : H9812

Location: Addison Road (Between Belt Line
 & Keller Springs)
 Addison, Texas

Boring No.	Depth Feet	Soil Description	Class	Water Content %	Dry Unit Weight pcf	Liquid Limit %	Plastic Limit %	Plasticity Index %	Unconfined Compressive Strength ksf	Unit Strain %
4	0-1.5	CLAY, dark brown, (Fill)	CH	15.5	105					
4	1.5-3.0	CLAY, dark brown, (Fill)	CL	20.3	103	39	14	25		
						39.6 % Passing # 200 Sieve				
4	3.0-4.5	CLAY, dark brown,	CH	34.8						
4	4.5-6.0	CLAY, dark brown,	CH	33.5						
4	6.0-7.5	CLAY, brown & tan,	CH	34.2						
4	7.5-9.0	CLAY, brown & tan,	CH	32.8						
5	0-1.5	CLAY, dark brown,	CH	35.4	109					
5	1.5-3.0	CLAY, brown,	CH	32.9	87					

SUMMARY OF LABORATORY TEST RESULTS

CT Job No. : 98.0850
 Date : 11/9/98
 Haston Job No. : H9812

Location: Addison Road (Between Belt Line
 & Keller Springs)
 Addison, Texas

Boring No.	Depth Feet	Soil Description	Class	Water Content %	Dry Unit Weight pcf	Liquid Limit %	Plastic Limit %	Plasticity Index %	Unconfined Compressive Strength ksf	Unit Strain %
6	0-1.5	CLAY, dark brown,	CH	30.8	93					
6	1.5-3.0	CLAY, dark brown,	CH	29.7	92					
7	0-1.5	CLAY, brown, with limestone particles (Fill)	CL	13.3	112	25.7 % Passing # 200 Sieve				
7	1.5-3.0	CLAY, dark brown,	CH	30.3	94					
7	3.0-4.5	CLAY, dark brown,	CH	34.4						
7	4.5-6.0	CLAY, dark brown,	CH	34.0		70	22	48		
						78.2 % Passing # 200 Sieve				
7	6.0-7.5	CLAY, brown & tan, with limestone particles	CH	27.3						

SUMMARY OF LABORATORY TEST RESULTS

CT Job No. : 98.0850
 Date : 11/9/98
 Haston Job No. : H9812

Location: Addison Road (Between Belt Line
 & Keller Springs)
 Addison, Texas

Boring No.	Depth Feet	Soil Description	Class	Water Content %	Dry Unit Weight pcf	Liquid Limit %	Plastic Limit %	Plasticity Index %	Unconfined Compressive Strength ksf	Unit Strain %
8	0-1.5	CLAY, dark brown,	CH	16.3						
8	1.5-3.0	CLAY, dark brown,	CH	34.9	90					
8	3.0-4.5	CLAY, brown,	CH	30.6						
8	4.5-6.0	CLAY, tan,	CH	30.3		65	23	42		
						70.6 % Passing # 200 Sieve				
8	6.0-7.5	CHALKY CLAY, tan,	CL	18.1						
9	0-1.5	CLAY, brown, with limestone particles	CL	27.3		22.4 % Passing # 200 Sieve				

SUMMARY OF LABORATORY TEST RESULTS

CT Job No. : 98.0850
 Date : 11/9/98
 Haston Job No. : H9812

Location: Addison Road (Between Belt Line
 & Keller Springs)
 Addison, Texas

Boring No.	Depth Feet	Soil Description	Class	Water Content %	Dry Unit Weight pcf	Liquid Limit %	Plastic Limit %	Plasticity Index %	Unconfined Compressive Strength ksf	Unit Strain %
10	0-1.5	CLAY, dark brown,	CH	15.1	112					
10	1.5-3.0	CLAY, dark brown,	CH	28.6		61	23	38		
						65.0 % Passing # 200 Sieve				
10	3.0-4.5	CLAY, brown & tan, with limestone particles	CH	25.8						
11	0-1.5	CLAY, brown, with limestone particles (Fill)	CH	27.0	95					
11	1.5-3.0	CLAY, brown, with limestone particles (Fill)	CH	25.2	95	54	25	29		
						60.4 % Passing # 200 Sieve				
11	3.0-4.5	CLAY, dark brown,	CH	35.9						
11	4.5-6.0	CLAY, dark brown,	CH	35.7	85				1.9	10.3

pH Lime Series

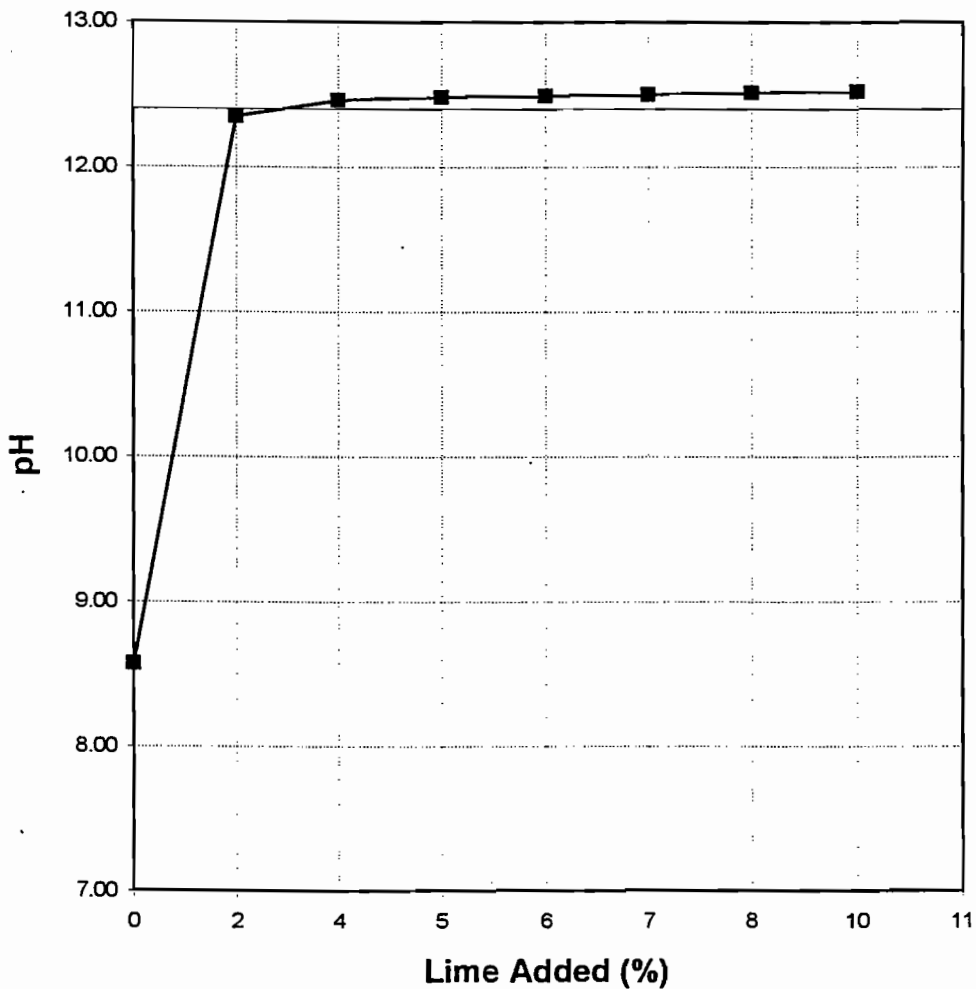
ASTM C977

Haston Job Number H 9812

Addison Road (Between Belt Line & Keller Springs)

Boring #1 @ 1.5-3.0' - Dark brown clay

Lime Added (%)	pH
0	8.57
2	12.35
4	12.46
5	12.48
6	12.49
7	12.50
8	12.51
10	12.52



pH Lime Series

ASTM C977

Haston Job Number H 9812

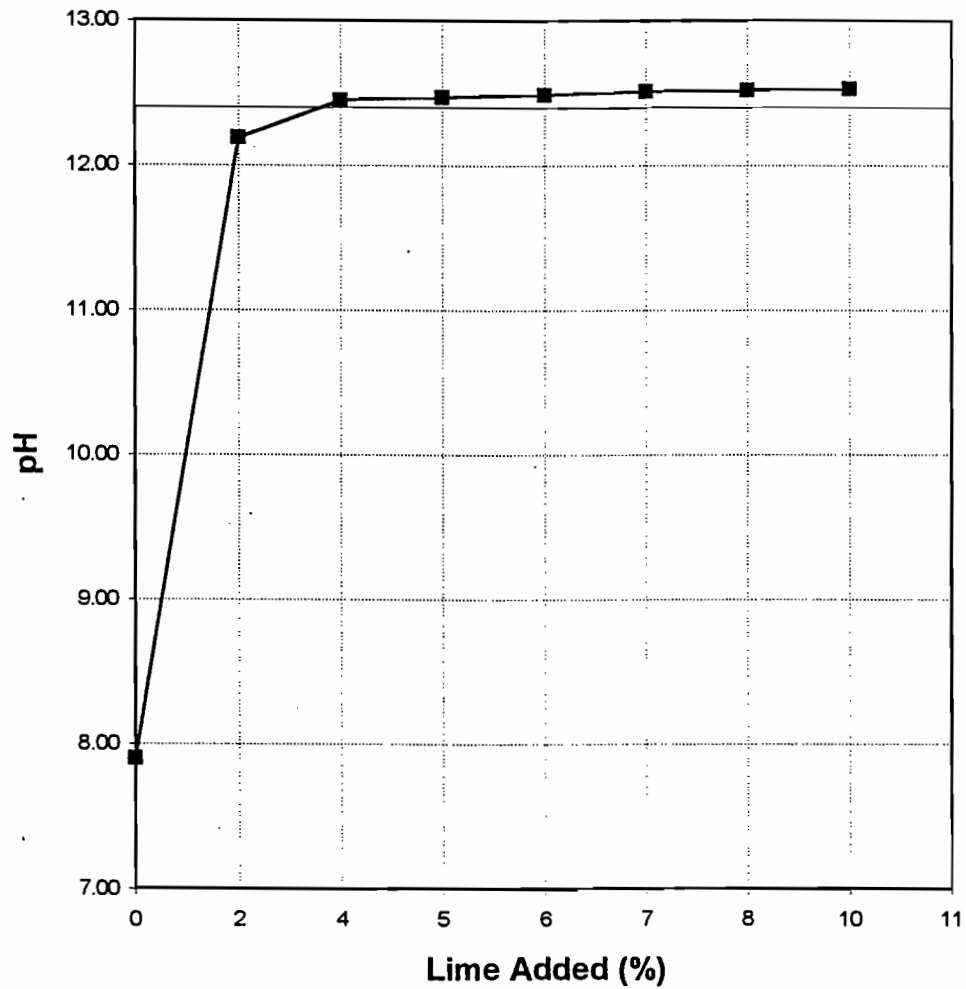
Addison Road (Between Belt Line & Keller Springs)

Boring #4 @ 1.5-3.0' - Dark brown clay

Lime Added (%)

pH

0	7.90
2	12.19
4	12.45
5	12.47
6	12.49
7	12.51
8	12.52
10	12.53



pH Lime Series

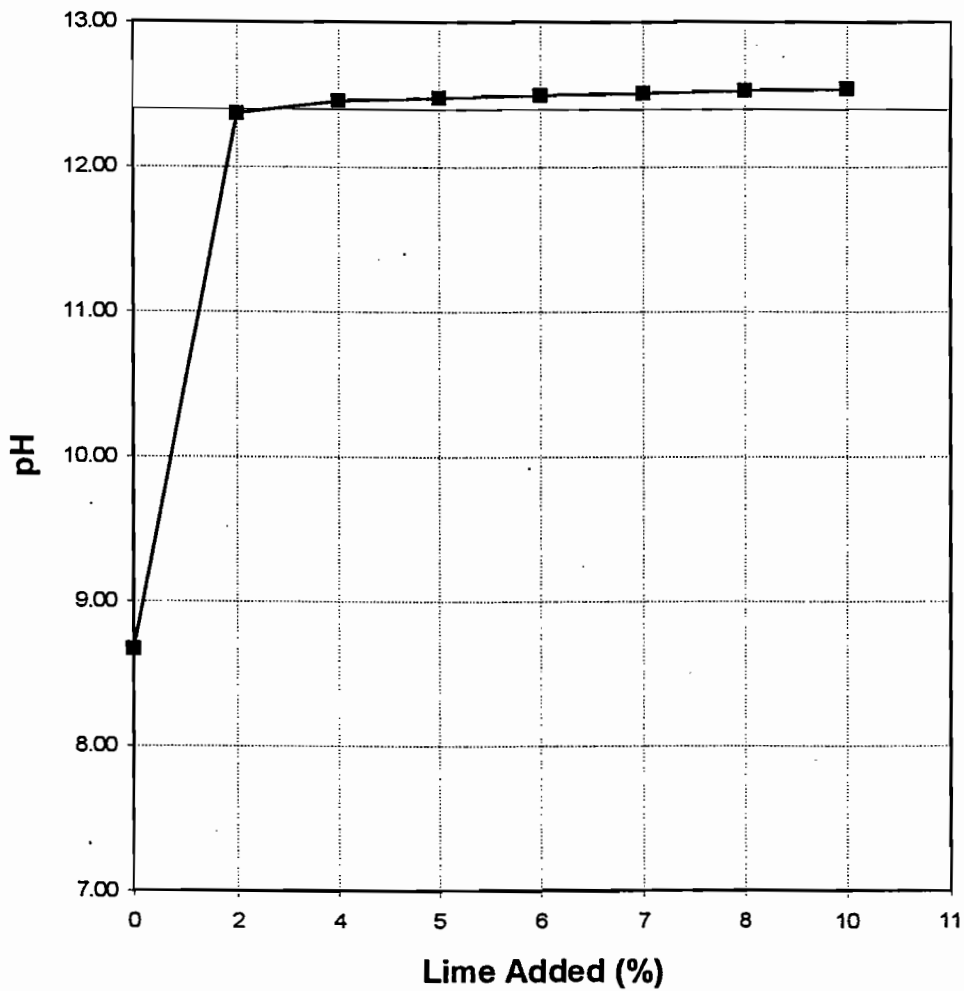
ASTM C977

Haston Job Number H 9812

Addison Road (Between Belt Line & Keller Springs)

Boring #8 @ 0-1.5' - Dark brown clay

Lime Added (%)	pH
0	8.67
2	12.37
4	12.46
5	12.48
6	12.50
7	12.51
8	12.53
10	12.54



LOG OF BORING

PROJECT : Addison Road - # H9812

BORING NO : 1

CLIENT : Haston Associates

LOCATION : Addison, Texas

CT JOB NO : 98.0850

BORING TYPE : CFA

DATE : 11/6/98

DRILLER: Luna

GROUND ELEVATION: -

Depth - Feet	Symbol	Sample Type	Penetrometer Readings, TSF	Penetration Test, Blows/6"	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Legend:</p> <p>S - Shelby Tube</p> <p>P - STD Penetration Test</p> <p>T - THD Cone Penetration Test</p> </div> <div style="width: 45%;"> <p>B - Bag</p> <p>C - Core</p> <p>X - No Recovery</p> <p>▽ - Water Table</p> </div> </div>
Description of Stratum					
		X	-		Asphalt 10", Base 2" 1.0'
		S	2.50		Dark brown clay, very stiff & moist
		S	2.25		
5		S	3.00		
					Tan weathered limestone, soft & dry
10		TX		50/2.75 50/2.00	
15					End of boring 10'
20					Note: Boring dry at completion.
25					
30					
35					
40					

LOG OF BORING

PROJECT : Addison Road - # H9812

BORING NO : 2

CLIENT : Haston Associates

LOCATION : Addison, Texas

CT JOB NO : 98.0850

BORING TYPE : CFA

DATE : 11/6/98

DRILLER: Luna

GROUND ELEVATION: -

Depth - Feet	Symbol	Sample Type	Penetrometer Reading, TSF	Penetration Test, Blows/6"	<p>Legend:</p> <p>S - Shelby Tube B - Bag</p> <p>P - STD Penetration Test C - Core</p> <p>T - THD Cone Penetration Test X - No Recovery</p> <p> ∇ - Water Table</p>
					Description of Stratum
	X	S	-		Asphalt 5", Base 1" 0.5'
	S	S	4.25		Brown clay, hard & moist (Fill)
	S	S	3.75		
5					
10					
15					
20					End of boring 3'
25					Note: Stopped boring at 3' due to top of sewer line.
30					
35					
40					

LOG OF BORING

PROJECT : Addison Road - # H9812

BORING NO : 3

CLIENT : Haston Associates

LOCATION : Addison, Texas

JOB NO : 98.0850

BORING TYPE : CFA

DATE : 11/6/98

DRILLER: Luna

GROUND ELEVATION: -

Depth - Feet	Symbol	Sample Type	Penetrometer Reading, TSF	Penetration Test, Blows/6"	Legend: S - Shelby Tube P - STD Penetration Test T - THD Cone Penetration Test B - Bag C - Core X - No Recovery ▽ - Water Table
					Description of Stratum
	X		-		0.8'
	S		4.00		1.5'
	S		2.50		3.0'
	S		2.50		
5	S		3.00		6.0'
	S		2.75		
	S		2.50		9.0'
10	TX		50/1.75 50/1.25		
15					End of boring 10'
20					Note: Boring dry at completion.
25					
30					
35					
40					

LOG OF BORING

PROJECT : Addison Road - # H9812

BORING NO : 4

CLIENT : Haston Associates

LOCATION : Addison, Texas

JOB NO : 98.0850

BORING TYPE : CFA

DATE : 11/6/98

DRILLER: Luna

GROUND ELEVATION: -

Depth - Feet	Symbol	Sample Type	Penetrometer Reading, TSF	Penetration Test, Blows/6"	Description of Stratum
					Legend: S - Shelby Tube P - STD Penetration Test T - THD Cone Penetration Test B - Bag C - Core X - No Recovery ▽ - Water Table
					Description of Stratum
		X	-		Asphalt with concrete 9", Base 2" 0.9'
		S	4.5+		Dark brown clay, hard & moist (Fill) 3.0'
		S	2.50		
		S	1.00		Dark brown clay, stiff & moist 6.0'
5		S	2.00		
		S	2.00		
		S	2.50		Brown & tan clay, very stiff & moist 9.0'
10		TX	50/3.00 50/2.25		Tan weathered limestone, soft & dry
15					End of boring 10'
20					Note: Boring dry at completion.
25					
30					
35					
40					

LOG OF BORING

PROJECT : Addison Road - # H9812

BORING NO : 5

CLIENT : Haston Associates

LOCATION : Addison, Texas

CT JOB NO : 98.0850

BORING TYPE : CFA

DATE : 11/6/98

DRILLER: Luna

GROUND ELEVATION: -

Depth - Feet	Symbol	Sample Type	Penetrometer Readings, TSF	Penetration Test, Blows/6"	Description of Stratum
					<p>Legend:</p> <p>B - Bag C - Core X - No Recovery ▽ - Water Table</p>
					Description of Stratum
	X		-		Asphalt with concrete 9" 0.8'
	S		3.25		Dark brown clay, very stiff & moist 1.5'
5	S		2.50		Brown clay, very stiff & moist 5.0'
					Grey limestone, medium hard & dry 6.5'
					Tan limestone, medium hard & dry 8.0'
10	TX			50/1.25 50/0.75	Grey limestone, medium hard & dry
15					
					End of boring 10'
20					
					Note: Boring dry at completion.
25					
30					
35					
40					

LOG OF BORING

PROJECT : Addison Road - # H9812

BORING NO : 6

CLIENT : Haston Associates

LOCATION : Addison, Texas

CT JOB NO : 98.0850

BORING TYPE : CFA

DATE : 11/6/98

DRILLER: Luna

GROUND ELEVATION: -

Depth -Feet	Symbol	Sample Type	Penetrometer Reading, TSF	Penetration Test, Blows/6"	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Legend:</p> <p>S - Shelby Tube</p> <p>P - STD Penetration Test</p> <p>T - THD Cone Penetration Test</p> </div> <div style="width: 45%;"> <p>B - Bag</p> <p>C - Core</p> <p>X - No Recovery</p> <p>▽ - Water Table</p> </div> </div> <p style="text-align: center; margin-top: 10px;">Description of Stratum</p>
	X		-		Asphalt with concrete 7", Base 4" 0.9'
	S		45+		Dark brown clay, hard & moist
	S		4.00		3.0'
5	[Diagonal Hatching]				Tan weathered limestone, soft & dry
					6.5'
10	[Cross-hatching]	TX	50/1.00 50/0.50		Grey limestone, medium hard & dry
15					End of boring 10'
20					Note: Boring dry at completion.
25					
30					
35					
40					

LOG OF BORING

PROJECT : Addison Road - # H9812

BORING NO : 7

CLIENT : Haston Associates

LOCATION : Addison, Texas

JOB NO : 98.0850

BORING TYPE : CFA

DATE : 11/6/98

DRILLER: Luna

GROUND ELEVATION: -

Depth - Feet	Symbol	Sample Type	Penetrometer Reading, TSF	Penetration Test, Blows/6"	Legend: S - Shelby Tube P - STD Penetration Test T - THD Cone Penetration Test B - Bag C - Core X - No Recovery ▽ - Water Table
					Description of Stratum
	X		-		Asphalt with concrete 9", Base 2" 0.9'
	S		4.5+		Brown clay with limestone particles, hard & moist (Fill) 1.5'
	S		3.00		
5	S		3.00		Dark brown clay, very stiff & moist 6.0'
	S		2.50		
	S		4.5+		Brown & tan clay with limestone particles, hard & moist 9.0'
10	TX		50/2.75 50/2.00		
15					Tan weathered limestone, soft & dry End of boring 10' Note: Boring dry at completion.
20					
25					
30					
35					
40					

LOG OF BORING

PROJECT : Addison Road - # H9812

BORING NO : 8

CLIENT : Haston Associates

LOCATION : Addison, Texas

JOB NO : 98.0850

BORING TYPE : CFA

DATE : 11/6/98

DRILLER: Luna

GROUND ELEVATION: -

Depth - Feet	Symbol	Sample Type	Penetrometer Reading, TSF	Penetration Test, Blows/6"	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Legend: S - Shelby Tube P - STD Penetration Test T - THD Cone Penetration Test</p> </div> <div style="width: 45%;"> <p>B - Bag C - Core X - No Recovery ▽ - Water Table</p> </div> </div>
					Description of Stratum
	X		-		Asphalt with concrete 10", Base 2" 1.0'
	S		4.5+		Dark brown clay, very stiff & moist 3.0'
	S		2.50		
	S		2.25		Brown clay, very stiff & moist 4.5'
5	S		2.75		Tan clay, very stiff & moist 6.0'
	S		4.5+		Tan chalky clay, hard & moist 7.5'
10	TX		50/1.75 50/1.00		Tan weathered limestone, soft & dry
15					End of boring 10'
20					Note: Boring dry at completion.
25					
30					
35					
40					

LOG OF BORING

PROJECT : Addison Road - # H9812

BORING NO : 9

CLIENT : Haston Associates

LOCATION : Addison, Texas

CT JOB NO : 98.0850

BORING TYPE : CFA

DATE : 11/6/98

DRILLER: Luna

GROUND ELEVATION: -

Depth - Feet	Symbol	Sample Type	Penetrometer Readings, TSF	Penetration Test, Blows/6"	Legend: S - Shelby Tube P - STD Penetration Test T - THD Cone Penetration Test B - Bag C - Core X - No Recovery ▽ - Water Table
					Description of Stratum
	X	S	4.5+		Asphalt 1", Concrete 7" 0.7'
	S				Brown clay with limestone particles, hard & moist 1.5'
5					Tan weathered limestone, soft & dry 6.0'
		TX		50/1.25 50/1.00	Grey limestone, medium hard & dry 7.0'
10					Tan weathered limestone, soft & dry
15					End of boring 10'
20					Note: Boring dry at completion.
25					
30					
35					
40					

LOG OF BORING

PROJECT : Addison Road - # H9812

BORING NO : 10

CLIENT : Haston Associates

LOCATION : Addison, Texas

CT JOB NO : 98.0850

BORING TYPE : CFA

DATE : 11/6/98

DRILLER: Luna

GROUND ELEVATION: -

Depth - Feet	Symbol	Sample Type	Penetrometer Reading, TSF	Penetration Test, Blows/6"	Description of Stratum
					<p>Legend:</p> <p>B - Bag S - Shelby Tube P - STD Penetration Test T - THD Cone Penetration Test</p> <p style="text-align: right;">B - Bag C - Core X - No Recovery ▽ - Water Table</p>
					Description of Stratum
	X		-		Asphalt 8", Base 2" 0.8'
	S		4.5+		Dark brown clay, hard & moist
	S		4.00		3.0'
5	S		2.50		Brown & tan clay with limestone particles, very stiff & moist 4.5'
	TX		50/1.25 50/1.00		Tan weathered limestone, soft & dry
10					End of boring 10'
15					
20					Note: Boring dry at completion.
25					
30					
35					
40					

Steve Chutchian

From: Carmen Moran
Sent: Friday, May 18, 2001 9:58 AM
To: Michael Murphy; Slade Strickland; Steve Chutchian; Jim Pierce
Subject: FW: Schedule/Artist

I asked Sasaki when they could have drawings ready on Addison Road and have attached their response. They are coming back to town for a work session on June 13-14. I will schedule time on the 14th for you all to meet with them and review the drawings.

Carmen

-----Original Message-----

From: dclough@sasaki.com [mailto:dclough@sasaki.com]
Sent: Friday, May 18, 2001 8:17 AM
To: cmoran@ci.addison.tx.us
Cc: alward@sasaki.com; repoulos@sasaki.com
Subject: RE: Schedule/Artist

Carmen,

We've begun work on the Addison Road streetscape and since we have the base information we need, we plan to move ahead on it. We started with an analysis of the impact on properties of a 100' ROW, including the 20' sidewalk and planting treatment on each side, and are now beginning to look at alternative solutions as necessary for each property to achieve an integrated streetscape design. We plan to have these drawings ready for review at our meeting in June.

Dave

Alan Ward

05/17/01 05:50 PM

To: David Clough/sasaki@sasaki
cc:
Subject: RE: Schedule/Artist

----- Forwarded by Alan Ward/sasaki on 05/17/01 06:07 PM -----

cmoran@ci.addison.tx.us

05/17/01 05:45 PM

To: alward@sasaki.com
cc:
Subject: RE: Schedule/Artist

I am checking Ron's schedule for the August dates.

The Public Works staff asked when the design for the Addison Road streetscape would be completed. They

5/21/01

would like to meet with property owners along the street this summer. Were you anticipating the two projects to be completed together, or could the streetscape be ready sooner?

Carmen

-----Original Message-----

From: alward@sasaki.com [mailto:alward@sasaki.com]

Sent: Tuesday, May 15, 2001 10:26 AM

To: cmoran@ci.addison.tx.us

Subject: Schedule/Artist

Carmen

Without the survey, we are proceeding with advancing the design of the subspaces and elements of the park- the water garden, garden rooms, plaza, pergola, etc. When the survey arrives, we can then look at the whole.

Regarding the entry pylons, have you contacted Mr. Paley? There is another artist we have worked with, named RM Fisher, who has designed a number of tower-like structures. A pair of 60' light towers on our Cleveland Ballpark plaza are illustrated in the Sasaki Monograph on p. 23 (if you don't have a copy of this book, let me know and I will send you a copy). He also did the light towers on top of the Kansas City Convention Center, which are quite impressive. I could have him send you illustrations of his work, as an alternate artist to consider. Let me know.

Alan

Steve Chutchian

From: Slade Strickland
Sent: Thursday, March 01, 2001 10:33 AM
To: Steve Chutchian
Cc: Michael Murphy; Jim Pierce; Carmen Moran
Subject: Addison Road - Sasaki

I informed John Birkoff that we were changing direction for the Addison Road streetscape to include Sasaki.

Slade Strickland

972-450-2869

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS

8333 Douglas Avenue, #820 Dallas, Texas 75225-5816 Fax (214) 361-0204 Phone (214) 361-7900

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

ROSS L. JACOBS, P.E.
I. C. FINKLEA, P.E.

November 28, 2000

Mr. Steven Z. Chutchian, P.E.
Assistant City Engineer
Town of Addison
Post Office Box 9010
Addison, Texas 75001-9010

Re: Paving and Drainage Improvements
Addison Road

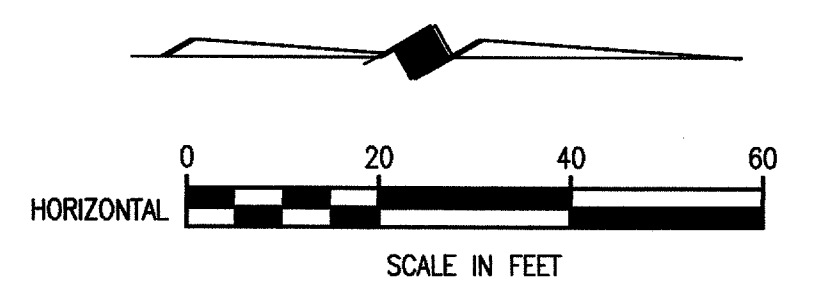
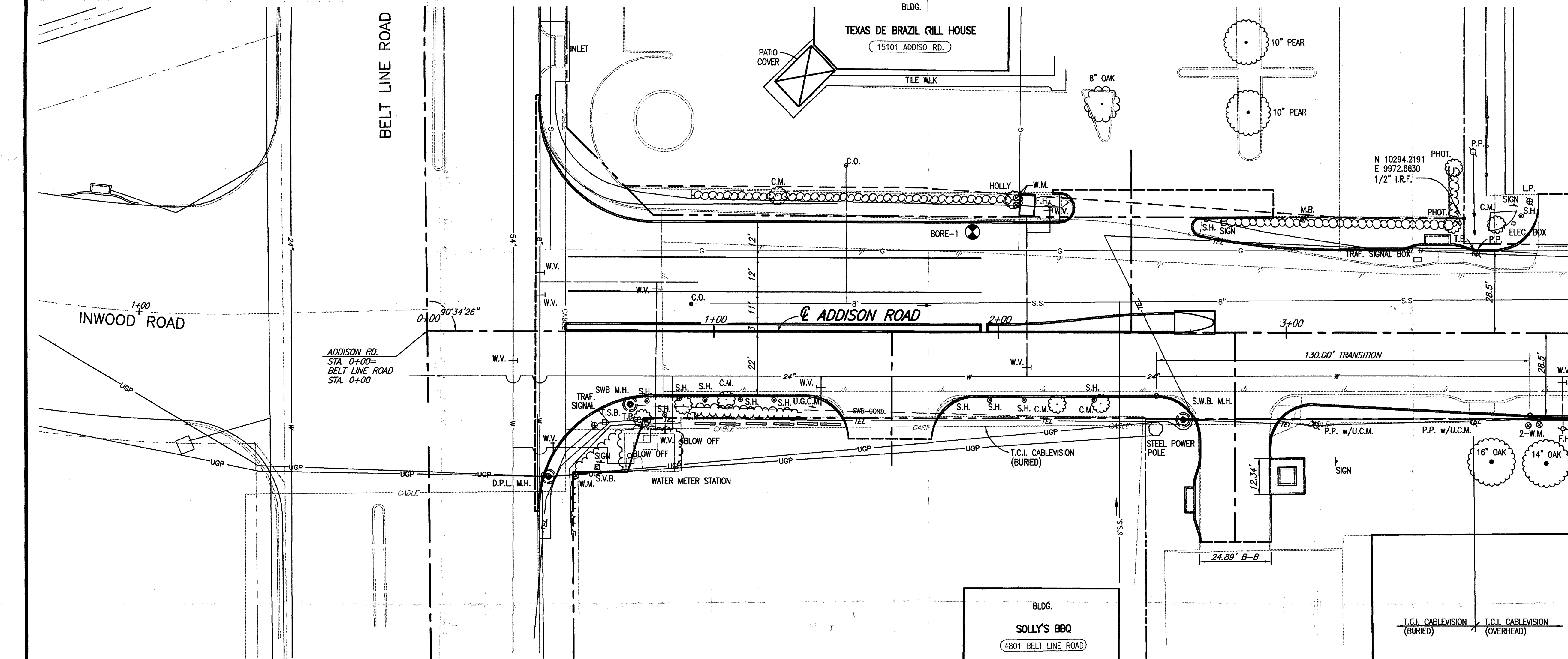
Dear Mr. Chutchian:

We are enclosing a copy of the intersection layout at the intersection of Addison Road and Beltline Road for your review and comment. As requested by Mike Murphy, we have eliminated the free right turn lane from southbound Addison Road to Beltline Road and shifted the horizontal alignment of Addison Road at this intersection west to keep improvements off of the landscaping adjacent to Solly's Bar-B-Que tract. The landscaping is within the Town's right of way. The shift in the horizontal alignment did not affect the centerline of the roadway. We are available at your convenience to discuss any questions you may have with this layout.

Sincerely,

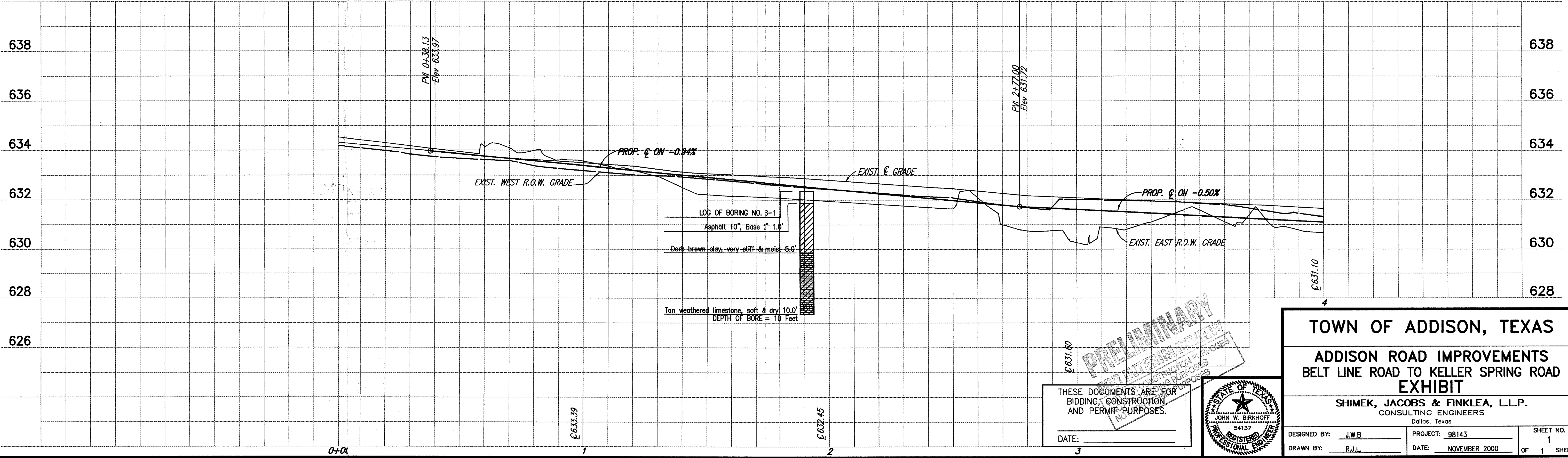

John W. Birkhoff, P.E.

Enclosure



- B.M.#19 "□" CUT IN CENTER OF INLET 150 FEET SOUTH OF BELT LINE RD., EAST OF INWOOD RD. ELEV. 630.59
- T.B.M. AR-1 "□" CUT IN TOP OF VAULT NORTHEAST CORNER OF ADDISON RD. AND BELT LINE RD. ELEV. 634.80
- T.B.M. AR-2 "□" CUT IN CENTER OF INLET EAST SIDE OF ADDISON RD., @ STA. 9+87, 52 FEET RT. ELEV. 628.79

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 Shimek, Jacobs & Finklea, L.L.P.

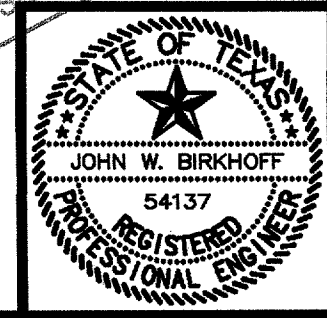


H:\PROJECTS\ADDISON\98143\EXHIBITS\98143-EXH01.DWG 11/27/00 R.J.L. SCALE: 1"=20' BLOCKS:

PRELIMINARY
FOR BIDDING PURPOSES
NOT FOR CONSTRUCTION PURPOSES

THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION
AND PERMIT PURPOSES.

DATE: _____



TOWN OF ADDISON, TEXAS

**ADDISON ROAD IMPROVEMENTS
BELT LINE ROAD TO KELLER SPRING ROAD
EXHIBIT**

SHIMEK, JACOBS & FINKLEA, L.L.P.
CONSULTING ENGINEERS
Dallas, Texas

DESIGNED BY: J.W.B.	PROJECT: 98143	SHEET NO. 1
DRAWN BY: R.J.L.	DATE: NOVEMBER 2000	OF 1 SHEETS



National Support / Investigations
Dept 2855 Loc 642
2250 Lakeside Blvd.
Richardson, TX 75082

10/30/2002

TOWN OF ADDISON PUBLIC WORKS DEPARTMENT
Luke Jalbert
PO Box 9010
Addison, TX 75001-9010

RE: – ROAD WIDENING PROJECT – ADDISON ROAD
Addison, Dallas, Texas

MCIW ID: 9153-2002

Dear Sir or Madam:


MCIWorldCom has been notified by your office regarding the above referenced project.

The comparison of your construction plans with the MCIWorldCom in-house as-built plans determined that MCIWorldCom facilities do exist in the area of the proposed construction. At this time, no conflict is anticipated. However, it will be necessary for you to **contact the One Call System for your area at least 48 hours prior to construction** to ensure that no conflicts exist.

You should address future correspondence concerning the project to the attention of **National Support/Investigations** at the above address. Please include the above **MCIW ID number**.

If you need further assistance with this project, please do not hesitate to call me.

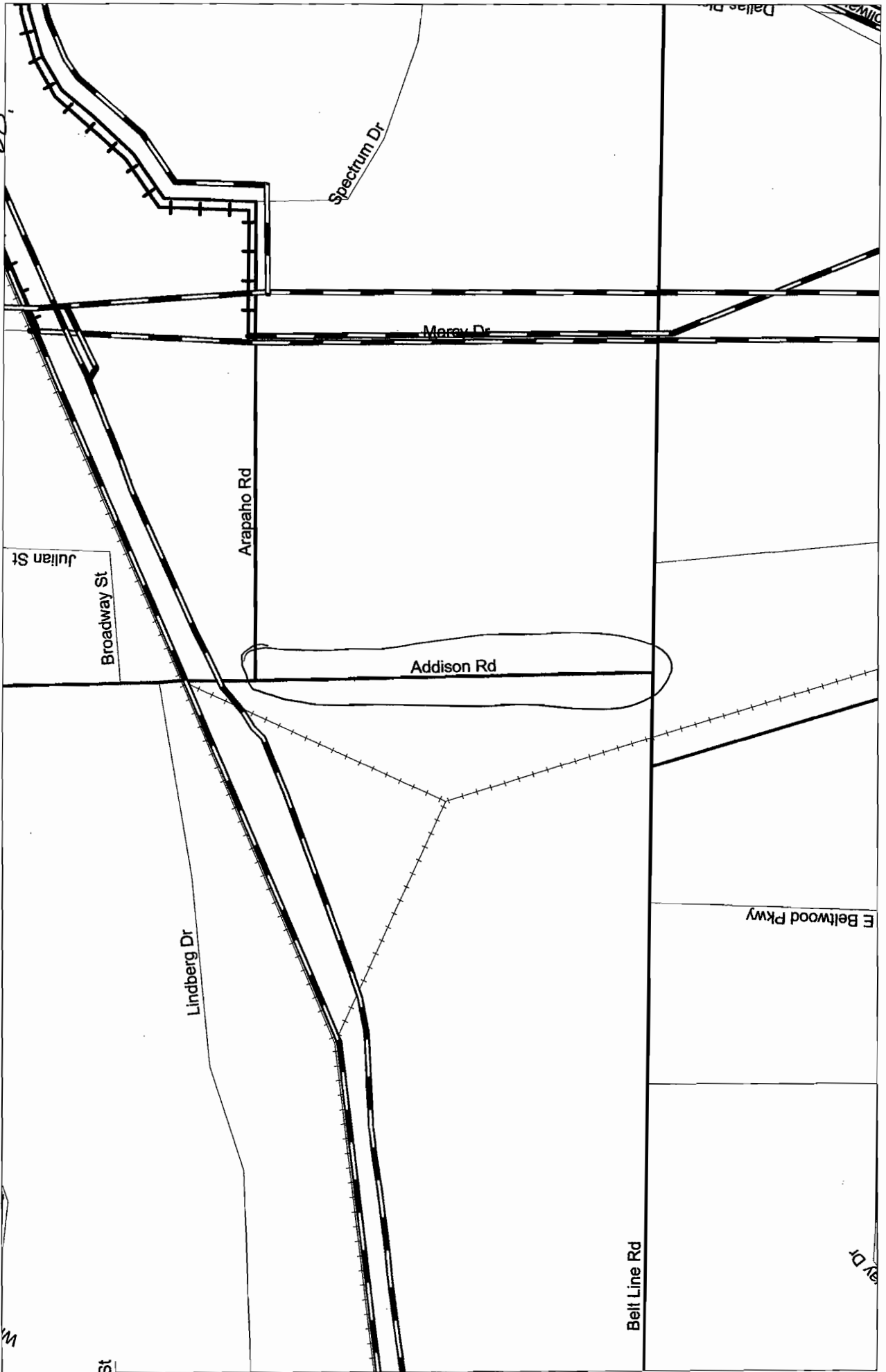
Sincerely,


Jo Dee Janek
National Support / Investigations
972/656-6016

No Conflict.doc

No Conflict
DB

ADDISON, DALLAS, TX





PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

May 30, 2000

Mr. James W. Cullar, Jr.
Evaluation Associates
11615 Forest Central Drive, Suite 205
Dallas, TX 75243-3917

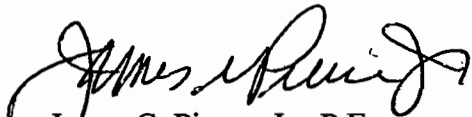
Re: RFQ for Appraisal Services, Addison Road and Arapaho Road

Dear Mr. Cullar:

I am pleased to announce that your firm has been selected to provide appraisal services for the above referenced projects. I will be in contact with you in the near future for a project kick-off meeting.

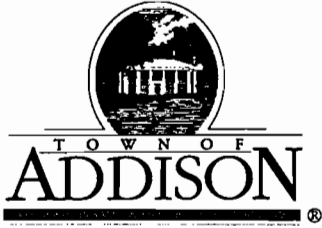
Very truly yours,

Town of Addison



James C. Pierce, Jr., P.E.
Assistant City Engineer

cc: Chris Terry, Assistant City Manager
Michael E. Murphy, P.E., Director of Public Works



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

May 30, 2000

Mr. C. S. Mullinax
Appraisal Brokerage Consulting Co.
P.O. Box 794774
Dallas, TX 75379


Re: RFQ for Appraisal Services, Addison Road and Arapaho Road

Dear Mr. Mullinax:

This is to advise that Evaluation Associates has been selected to provide appraisal services for the above referenced projects. This is to also thank you for your response to the RFQ. We appreciate the time and effort you took to respond and hope that you will continue to seek work with the Town of Addison in the future.

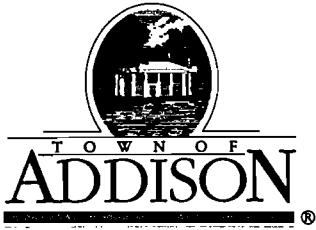
Very truly yours,

Town of Addison



James C. Pierce, Jr., P.E.
Assistant City Engineer

cc: Chris Terry, Assistant City Manager
Michael E. Murphy, P.E., Director of Public Works



PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

May 30, 2000

Mr. Martin M. MacRae, MAI
14705 LeGrande
Addison, TX 75001

Re: RFQ for Appraisal Services, Addison Road and Arapaho Road

Dear Mr. MacRae:

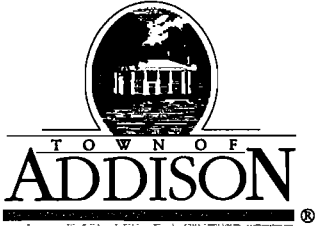
This is to advise that Evaluation Associates has been selected to provide appraisal services for the above referenced projects. This is to also thank you for your response to the RFQ. We appreciate the time and effort you took to respond and hope that you will continue to seek work with the Town of Addison in the future.

Very truly yours,

Town of Addison

James C. Pierce, Jr., P.E.
Assistant City Engineer

cc: Chris Terry, Assistant City Manager
Michael E. Murphy, P.E., Director of Public Works



PUBLIC WORKS DEPARTMENT

Post Office Box 9010 Addison, Texas 75001-9010

(972) 450-2871

16801 Westgrove

May 30, 2000

Mr. Mark A. Hipes
Hipes & Associates
P.O. Box 600142
Dallas, TX 75360-0142

Re: RFQ for Appraisal Services, Addison Road and Arapaho Road

Dear Mr. Hipes:

This is to advise that Evaluation Associates has been selected to provide appraisal services for the above referenced projects. This is to also thank you for your response to the RFQ. We appreciate the time and effort you took to respond and hope that you will continue to seek work with the Town of Addison in the future.

Very truly yours,

Town of Addison

James C. Pierce, Jr., P.E.
Assistant City Engineer

cc: Chris Terry, Assistant City Manager
Michael E. Murphy, P.E., Director of Public Works

Jerry 972-919-2588
Jerry - likes Cullar. Have used him almost
exclusively, a Trainer.

Accuracy of Appraisals - his appraisals are
a little on the low side
but - other appraisers on other side were too
high - so in negotiation you end up in the middle.

Relationship with property owners
very business like

How did he do in court?
Persuade in court.

Would you hire him again?
Yes - gives a glowing recommendation

ROW/EASEMENT MEETING

Date: 02/16/01

Time: 10:00am

GOAL: To Acquire ROW/Easements – Arapaho/Addison Rd

	<u>Who</u>	<u>When</u>
1) Need maps with temporary work easements	HNTB	Yes
2) Property valuations	Eval Assoc	
3) Acquisition negotiations	Pat Haggerty	
4) Agreement for acquisition	Pat/Ken	
5) Settlement/council action	Ken	
6) Lack of settlement/council action	Ken	
7) File for condemnation	Ken	
Next = Utility Relocation	Steve C/Jim W	

Jim Pierce

From: Jim Pierce
Sent: Tuesday, May 16, 2000 5:14 PM
To: Chris Terry
Cc: Michael Murphy
Subject: FW: RFQ's Appraisal Services

Chris: This is Tammy's response to your question about handling the selection of an appraiser in accordance with my memo to Mike, cc to you, of May 11, 2000. I think we can go ahead, and if you agree, do you want to get a selection committee together? Jim.

-----Original Message-----

From: Tammy Franks
Sent: Tuesday, May 16, 2000 4:40 PM
To: Jim Pierce
Subject: RFQ's

Jim,

I am enclosing portion of the purchasing manual that describes the procedures for selecting a vendor for professional services. You can proceed with the selection of your choice based on qualifications. Please see the attached.

SECTION 2. PROFESSIONAL SERVICES PROCUREMENT ACT (Section 2254.002(2) of the Government Code)

- A. This act states that contracts for the procurement of defined professional services may not be awarded on the basis of bids. Instead, they must be awarded on the basis of demonstrated competence and qualifications, so long as the professional fees are consistent with, and not higher than the published recommended practices and fees of the various professional associations and do not exceed any maximums provided by state law.
- B. Professional services are defined as those performed by a certified public accountant, licensed architect, physician, optometrist, surgeon, registered surveyor, professional engineer, state certified or state licensed real estate appraiser, or any group or association thereof

SECTION 5. PROCUREMENT OF ARCHITECTURAL, ENGINEERING, OR LAND SURVEYING SERVICES - FEES ESTIMATED TO BE OVER \$15,000 PER YEAR.

- A. An advertisement may be placed with a newspaper, normally used for legal advertising, soliciting Statements of Qualifications from all qualified professionals interested in providing the needed services. The advertisement should be run in one edition of the selected newspaper, at least one week prior to the date Statements of Qualifications are due.
- B. The Request for Qualifications (RFQ) shall contain sufficient information to inform potential architects, engineers, or land surveyors as to the type of project, scope of services to be performed, and the selection criteria to be used. The RFQ will give the relative importance, or weighting, assigned to each of the criteria to be used in the selection process. The following criteria may be used, but the RFQ is not necessarily limited to these criteria:
 - 1. The firm's experience in successfully performing similar assignments, scope and size, for others.
 - 2. The firm's current staff, both size and related experience, is qualified to provide the desired services.
 - 3. Sufficient finances and other resources are available to accomplish the assignment, within the time to be allowed by the Town, and the firm will be able to provide continuing service if required by the Town.
 - 4. Previous clients, for similar projects, express satisfaction with the firm's work.
 - 5. The firm's response, as perceived by the Town's staff, is complete and of acceptable quality.
- C. An engineer, architect, or land surveyor may be selected after the evaluation of Statements of Qualifications or it may be necessary to interview several of the firms and further evaluate them on the basis of the interview or a presentation, narrowing the field until one firm is selected for negotiations.

D. When negotiations are successfully concluded, a recommendation will be made to the City Council that a contract be awarded to the chosen firm.

Tammy Franks
TOA Purchasing
972-450-7091

Appraisers -

5-4-00

<u>Sent To</u>	<u>Rec'd Submittal</u>
Martin MacRae	✓
Appraisal Brokerage (Mullinax)	✓
Mark Hipes	✓
Jim Cullar	✓
Henry S. Miller (Magee)	
Contract Land Staff (Boone)	
	972-445-8900

HIPES & ASSOCIATES

REAL ESTATE
APPRAISERS/CONSULTANTS

OFFICE ADDRESS:
7557 RAMBLER RD #260
LOCK BOX 25
DALLAS, TEXAS 75231

MAILING ADDRESS:
P.O. BOX 600142
DALLAS, TEXAS 75360-0142
214-739-5941

May 4, 2000

Mr. James C. Pierce, Jr., P.E.
Assistant City Engineer
Town of Addison
16801 Westgrove Drive
Addison, Texas 75001-9010

Re: RFQ - Appraisal Projects; Addison Road, Arapaho Road

Dear Mr. Pierce;

The following information is provided in response to your Request for Statements of Qualifications and Bids for Appraisal Services:

Bid Proposal

- | | | |
|----|----------------------|--------------------------|
| 1. | Fee | |
| | Addison Road Project | \$32,400.00 |
| | Arapaho Road Project | \$ 6,000.00 |
| 2. | Hourly Rate | \$125.00/Hour |
| 3. | Time Required | ±90 Days - both projects |
| 4. | Appraiser | Mark A. Hipes |

Typically, individual appraisal reports are submitted as they are completed. Partial invoicing is submitted with completed reports. A 5% discounting of the invoicing is provided for 7 -10 day invoice payment.

The Arapaho Road project encompasses the four parcels reviewed on the Town's project map, and is based on the presumption that only general estimates of value will be required for the Whole Property values of the subject parcels, due to the lack of potentially damaging influences brought about by the proposed right-of-way acquisitions. This is based on an off-site inspection of those parcels. This does not diminish the detail of the right-of-way acquisition value estimate, but does reduce the overall cost of the individual appraisals.

The Addison Road project encompasses 26 parcels reviewed on the Town's strip map of that project. Of the 26 parcels, 20 parcels appear to require only general estimates of the Whole Property values, while 6 parcels appear to require detailed analysis of the potential affects of the proposed acquisitions on the improvements to those properties. Until such time as the proposed easements are marked on the subject properties, more specific conclusions cannot be rendered.

The following pages present a qualifications summary for Mark A. Hipes and a listing of several of the acquisition projects completed in the recent past.

RFQ
Town of Addison
May 4, 2000

Mark A. Hipes has actively been engaged in the appraisal of real estate for public acquisitions for the previous 20+ years. These appraisals include both whole property and partial property acquisitions, as well as fee simple interests and partial property interests (easements and licenses).

Governmental clients include the: Town of Addison, Richardson, Garland, Rowlett, Rockwall, Heath, The Colony, Plano, Haltom City, Grapevine, Dallas County Utility & Reclamation District, Texas Department of Transportation, Dallas County, and Collin County.

Projects of comparable size and scope completed in the previous three years include:

FM 740 (Ridge Road), City of Rockwall
±30 Parcels, partial property acquisitions, all commercial
Ms. Julie Couch, City Manager, Rockwall 972-771-7700

US 75/IH 635
±8 Parcels, partial property acquisitions, all commercial
Mr. Terry May, District R.O.W. Administrator, 214-320-6100

Carson Street, Haltom City
±35 Parcels, partial property acquisitions, commercial & residential
Mr. Ken Slovak, Director of Public Works, 817-429-0702

Events Center, Town of Addison
±8 Parcels, whole property acquisitions, various
Ms. Carmen Moran, Director of Development Services, 972-450-7018

Spring Creek Parkway Extension, Plano
±6 Parcels, partial property acquisitions, vacant land
Mr. Alan Upchurch, City Engineer, 972-461-7000

Additionally, you may wish to inquire of Mr. Pete Eckert, Mr. John Hill, and Mr. Ken Dipple of the COWLES & THOMPSON legal firm (214-672-2100), as they are generally well acquainted with my capabilities.

I trust that the above information is satisfactory for your current purposes. If I may be of further assistance in clarifying any of the above information, please do not hesitate to contact me.

Respectfully submitted,



Mark A. Hipes
Texas Appraiser Certification TX-1321216-G

Qualifications attached

MARK A. HIPES
Qualifications

Location of Office

7557 Rambler Road, Suite 260, LB 25, Dallas, Texas 75231

Education

Southern Methodist University

* Bachelor of Business Administration - Quantitative Analysis

* Master of Business Administration - Finance

Texas Real Estate Broker License - License No. 388907-26

Texas State Certified General Real Estate Appraiser - License No. TX-1321416-G

Appraisal Courses, Seminars

American Institute of Real Estate Appraisers

* Course IIa - Case Studies in Real Estate Valuation

* Course IIb - Valuation Analysis & Report Writing

Society of Real Estate Appraisers

* Course 101 - Principals of Real Estate Appraisal

* Course 201 - Income Property Valuation

* Course R2 - Report Writing

Standards of Professional Practice

Various Seminars on Valuation & Litigation

Experience

02/87 to Present

Hipes & Associates

Independent Real Estate Appraiser

03/79 to 02/87

Dallas County Department of Public Works

Eminent Domain Appraiser

09/71 to 03/79

Self Employed

Financial Analysis/Real Estate Analysis

Types of Properties Appraised

Regional Malls

Industrial/Manufacturing

Automobile Dealerships

Shopping Centers

Apartments

Hospitals

Office

Farms/Ranches

Railroads

Office/Warehouses

Proposed Developments

Churches

Service Stations

Educational Facilities

Airports

All types of commercial/industrial properties and a variety of special use properties.

Extensive work in Eminent Domain & other forms of litigation valuation

Qualified as an "Expert Witness" in County, District, & Federal Courts

REQUEST FOR STATEMENTS OF QUALIFICATIONS

PROPERTY APPRAISAL PROJECTS

TOWN OF ADDISON

The Town of Addison is presently accepting Statements of Qualifications from real estate appraisal firms for the appraisal of various properties associated with road construction located in Addison, Texas.

The Town requires appraisal services for two roadway projects as follows:

Addison Road Widening

4 properties with separate sidewalk and utility easements; 21 properties with a combination sidewalk and utility easement; and 2 properties with only sidewalk easements.

Arapaho Road Phase II

4 properties through which right-of-way must be acquired.

Additional properties may be added for appraisal as needed by the Town of Addison.

The Town shall furnish metes and bounds descriptions and parcel maps. These documents are available for inspection by contacting the Assistant City Engineer at 16801 Westgrove Drive, Addison, Texas 75001, telephone 972/450-2871.

The appraiser selected shall prepare appraisal reports to estimate the market value of the Town's interest in the subject properties. Three copies of the report shall be submitted for each property.

Addison will accept written Statements of Qualifications (SOQ) from appraisers until 4 p.m., Monday, April 10, 2000. Three (3) copies of the SOQ shall be submitted. The SOQ should contain a maximum number of 30 single sided pages on 8½" X 11" paper. The appraisal firm should provide enough information to demonstrate the firm's ability to appraise the properties. The appraisal firm shall indicate if they wish to provide services for one or both of the roadway projects. The SOQ shall designate the individuals who will be assigned to the project and resumes for each individual. The firm shall provide a list of similar projects in scope and size to those listed above that have been completed in the last three (3) years. For each project, a description shall be provided along with name of the client, contact person, and phone number for contact person.

A Selection Committee, appointed by the Assistant City Manager, will evaluate all written Statements of Qualifications submitted. The statement of qualifications shall include a fee for the appraisal reports, hourly rates that would apply for extra work, and the time needed from notice to proceed to submission of the reports. The Town will base its selection on qualifications, time of completion, hourly rates, and fee. The Town may select one, or two appraisers for these projects.

Interested appraisers should submit Statements of Qualifications to the Purchasing Manager's Office at 5350 Belt Line Road, Addison, Texas 75240.

Status	Subject	Number To Dial	Company	Pages...	Scheduled
Sent OK	RFQ Appraisers	[] 972-2485874	Bailey Paul Company	1	03/24/00 14:14
Sent OK	RFQ Appraisers	[] 972-4589599	ARVESON EDWIN & ASSOCIATES	1	03/24/00 14:14
Sent OK	RFQ Appraisers	[] 214-5531650	Blake Marflin M & Associ...	1	03/24/00 14:15
Sent OK	RFQ Appraisers	[] 972-7334555	BOND MARK & COMPANY	1	03/24/00 14:16
Sent OK	RFQ Appraisers	[] 972-4040089	Bottum Mackenzie	1	03/24/00 14:16
Sent OK	RFQ Appraisers	[] 972-9348380	EDGAR APPRAISAL SERVICES	1	03/24/00 14:17
Sent OK	RFQ Appraisers	[] 972-4194099	HENRY S MILLER CONSULTIN...	1	03/24/00 14:18
Sent OK	RFQ Appraisers	[] 214-2656501	Hipes & Associates	1	03/24/00 14:13
Sent OK	RFQ Appraisers	[] 972-9606931	Jones E T & Associates	1	03/24/00 14:12
Sent OK	RFQ Appraisers	[] 1281-3333326	Marshall & Stevens Inc.	1	03/24/00 14:12
Sent OK		9724908155	✓ MARTIN MAC RAE, MAI	2	03/28/00 16:11
Sent OK					03/28/00 13:42

Don't Do This work

Sent RFQ

Sent RFQ

*J.M.
Sorry for the
delay
Tom*

Did you receive it?
Why did you not respond -?
Was there a problem with the request?

4-18-00

Henry S. Miller 972-419-4000 } Mark O'Briant
Head of Appraisals

Charles E. ~~Clark~~ Magee left word
L 972-386-1417

Sent RFO

phoned & Fax
Martin MacRae 972-490-8155 - left word
Bid it, Been travelling - Been doing this for 20 yrs
Easement - DART Rail Corridors Across the Fenn Valley
Close all sales -

Arvson & Assoc. left word Sent RFO
419 Delores 972-458-2099 - David starting a new firm - concerned
about references & complicated responses. will take another look
and call back

Mark Bond left word → Don't do this type of work

recommends

→ Chuck Mullinax MAI 972-380-0075 left word

→ Jim Cullar SRA 214-553-1414

↗ Fax 214-553-1615
sent RFO 4/19

Interested. Will respond in about 2 weeks
after finishing a New York Assignment

Mark Hipes 214-739-5941 -

214-265-6501 - Fax
↖ Sent SOQ

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Interested appraisers should submit Statements of Qualifications to the Purchasing Manager's Office at 5350 Belt Line Road, Addison, Texas 75240.

- 7096 -

3-22-00

Tammy - Additional Appraisers to send notice to - from Yellow Pages -

Arceon Edwin & Assoc 972-458-2099

(F) 972-458-9599

Bateman Wells & Co 972-733-6805

Not sent

~~Bond Mark & Co 972-733-1007~~

~~(F) 972-733-4555~~

Don't do this type work

Edgar Appraisal Services 972-934-8383

(F) 972-934-8380

Henry S. Miller Consulting Group 972-419-4000

(F) 972-419-4099

Rosen Systems Inc 972-248-2266

(F) 972-248-6887

~~Webb Barton & Assoc 972-414-2644~~

Wilson Realty Advisors 972-991-1701

(F) 972-991-1864

Jim

Marshall & Stevens 14180 Dallas Pky 972-991-9771

Mc Cracken & Assoc 4560 Belt Line Rd 972-991-6888

MARLIN M. BLAKE & ASSOCIATES, INC.

REAL ESTATE APPRAISERS & CONSULTANTS
FOREST ABRAMS PLACE SOUTH
9304 FOREST LANE, SUITE 120 • DALLAS, TEXAS 75243
TEL. (214) 340-8510 FAX (214) 553-1650

April 6, 2000

**Town of Addison
5350 Belt Line Road
Addison, Texas 75240
ATTN: Office Of Purchasing Manager**

**Re: Request For Statements Of Qualifications
Appraisal Services
Addison Road Widening
Arapaho Road Phase II**

Dear Sir Or Madam:

In accordance with your request I have reviewed the documents relating to the captioned parcels. I appreciate the opportunity to submit a proposal in regard to these projects. However, due to my current caseload, I am unable to make a submission on these projects.

I would appreciate your consideration for proposals on future projects.

Sincerely,



Marlin M. Blake, SRA