

USER: rh2104
OFFICE: RCH
PROJECT: 21530
FILE: 21530-COVER.dgn
TIME: 5:46:52 PM
DATE: 3/11/2010

Ready for
paving & located
8-16-2010

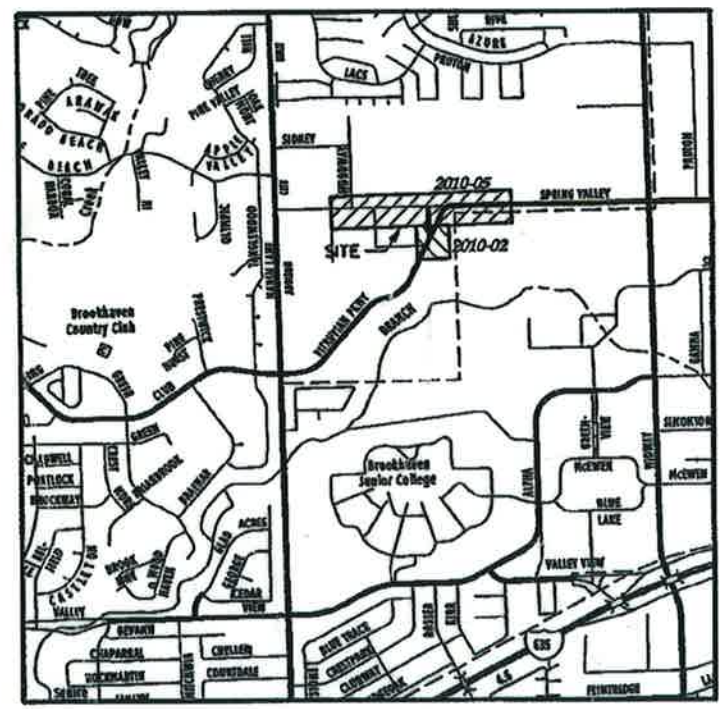
PLANS FOR THE CONSTRUCTION OF SPRING VALLEY ROAD WIDENING FROM WOODWAY TO VITRUVIAN WAY INCLUDING PLANS FOR VITRUVIAN WAY PHASE 1

Addison!

PUBLIC WORKS # 2010-05
AND
PUBLIC WORKS # 2010-02
AUGUST 2010

GTAS

- JOE CHOW
MAYOR
- ROGER MELLOW
NEIL RESNIK
BLAKE CLEMENS
DON DASEKE
KIMBERLY LAY
BIANCA NOBLE
COUNCIL MEMBERS
- RON WHITEHEAD
CITY MANAGER
- NANCY CLINE, P.E.
DIRECTOR OF PUBLIC WORKS
- CLAY BARNETT, P.E.
TOWN ENGINEER
- LEA DUNN
DEPUTY CITY MANAGER

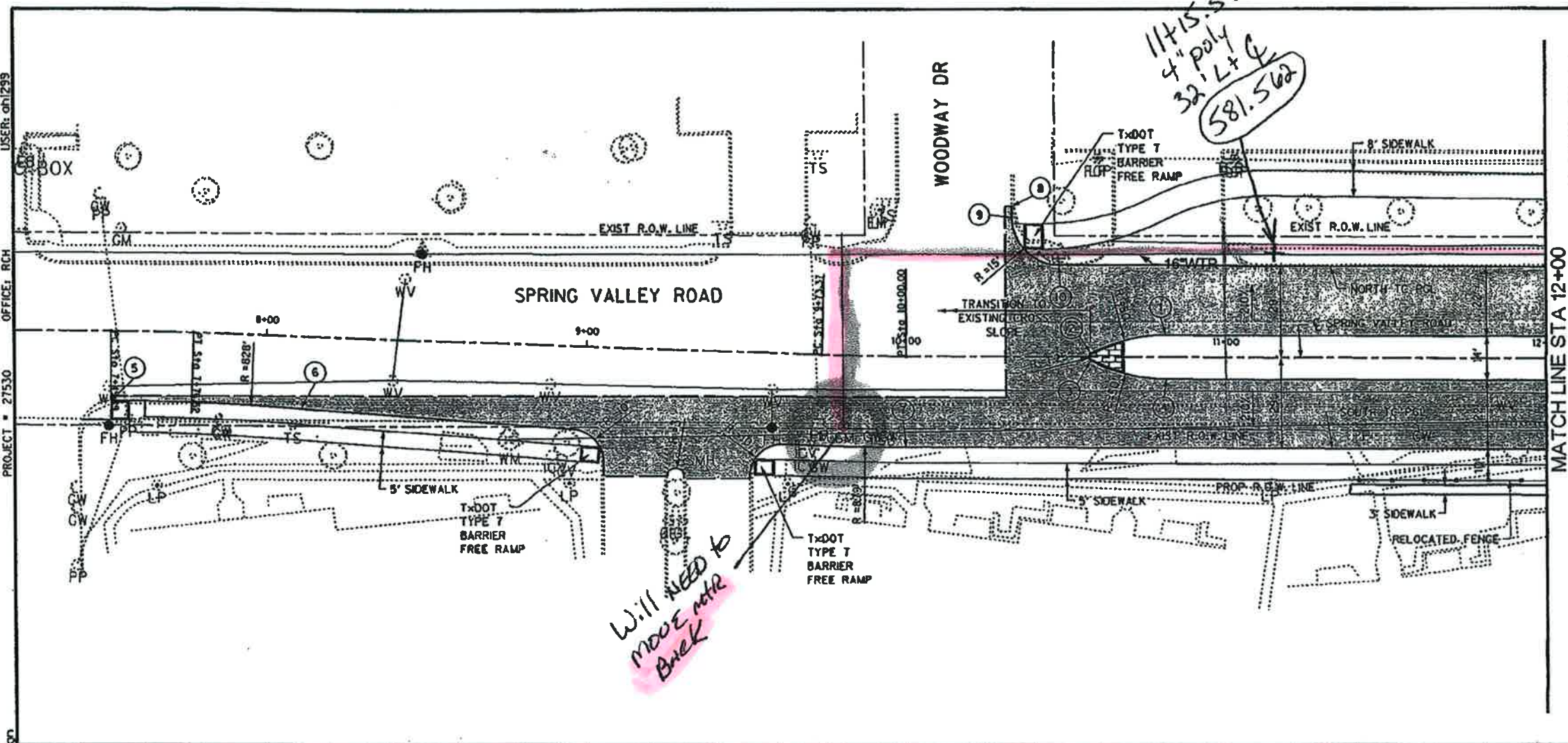


VICINITY MAP
NOT TO SCALE

HALFF
 1201 NORTH BOWSER ROAD
 RICHARDSON, TEXAS 75081-2275
 TEL (214) 346-8200
 FAX (214) 739-0095

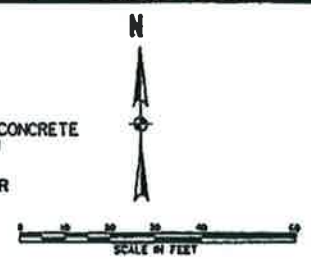
90% SUBMITTAL

USER: gh1299
 OFFICE: RCH
 PROJECT: 27530
 FILE: 27530 PAVM 01.dwg
 TIME: 2:59:16 PM
 DATE: 8/11/2010



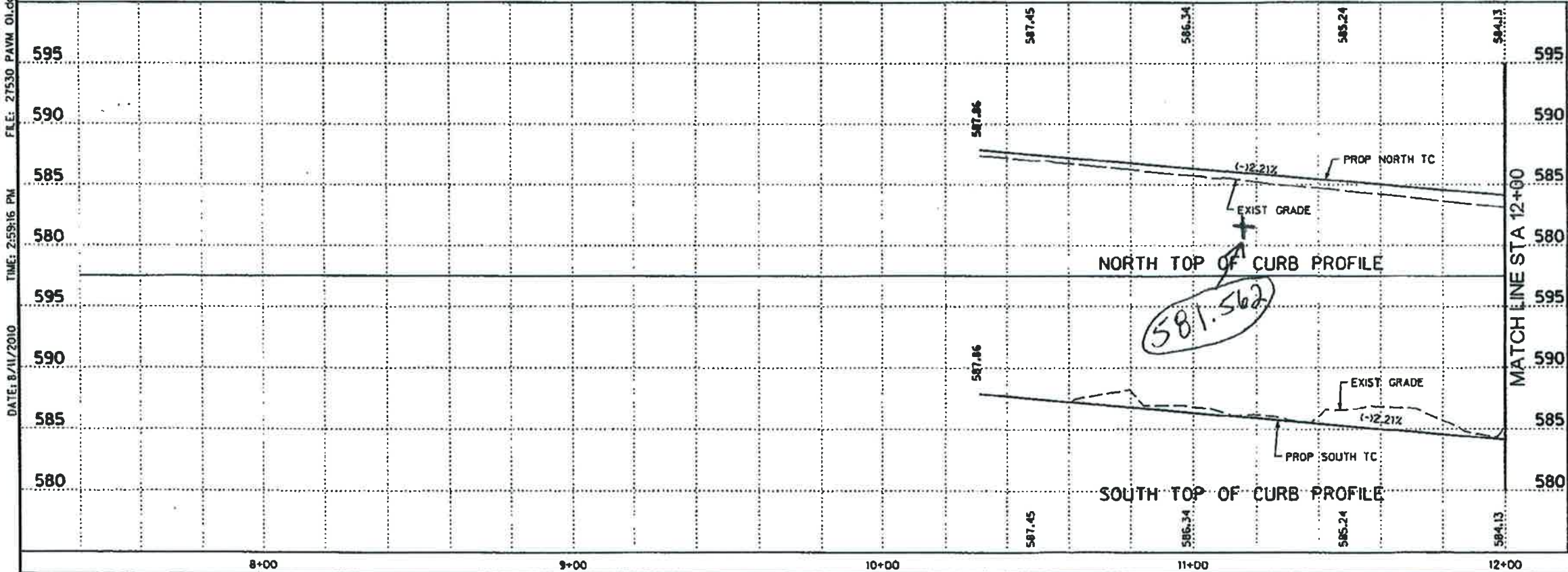
LEGEND

- PERMANENT REINFORCED CONCRETE PAVEMENT CONSTRUCTION
- CONC MEDIAN NOSE PAVER
- CONC PAVER



**BACK OF CURB PC/PT/PRC/PCC
 SPRING VALLEY ROAD**

| NO | DESC | STATION | OFFSET |
|----|------|----------|-----------|
| 1 | PC | 10+81.35 | 7.00' LT |
| 2 | PT | 10+57.80 | 1.11' LT |
| 3 | PC | 10+57.80 | 1.10' RT |
| 4 | PT | 10+81.37 | 7.00' RT |
| 5 | PC | 7+49.89 | 22.21' RT |
| 6 | PT | 8+11.46 | 22.94' RT |
| 7 | PT | 9+99.87 | 29.00' LT |
| 8 | PI | 10+33.34 | 47.35' LT |
| 9 | PC | 10+33.37 | 43.90' LT |
| 10 | PT | 10+48.36 | 29.00' LT |



HALFF ASSOCIATES, INC.
 ENGINEERS - SURVEYORS - SCIENTISTS
 PRELIMINARY - FOR INTERIM REVIEW ONLY
 These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:
 M.E. ROMANOWSKI
 58306 PES
 AUGUST 2010
 Date

| | | | | | |
|--|----------|-------|-------------|---------------|-------|
| NO. | REVISION | BY | DATE | | |
| | | | | | |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD PAVING PLAN AND PROFILE STA 7+49.89 TO 12+00 HALFF 1281 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-8278 TEL (972) 345-8888 FAX (214) 790-0888 | | | | | |
| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
| 27530 | xxx | xxx | AUGUST 2010 | 27530 PAVM 01 | P1 |

USER: dhl299

OFFICE: RCH

PROJECT: 27530

FILE: 27530_PAVM_02.dwg

TIME: 2:59:26 PM

DATE: 8/11/2010

12+00.754
4" poly
33' Lt &
579.142

12+97.697
4" poly
34' Lt &
577.244

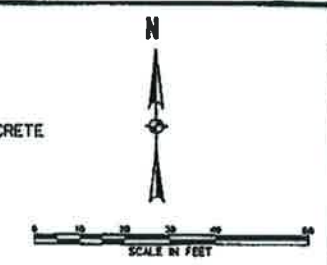
13+90.682
4" poly
34' Lt &
575.626

14+99.657
4" poly
34' Lt &
573.626

15+99.033
4" poly
34' Lt &
573.681

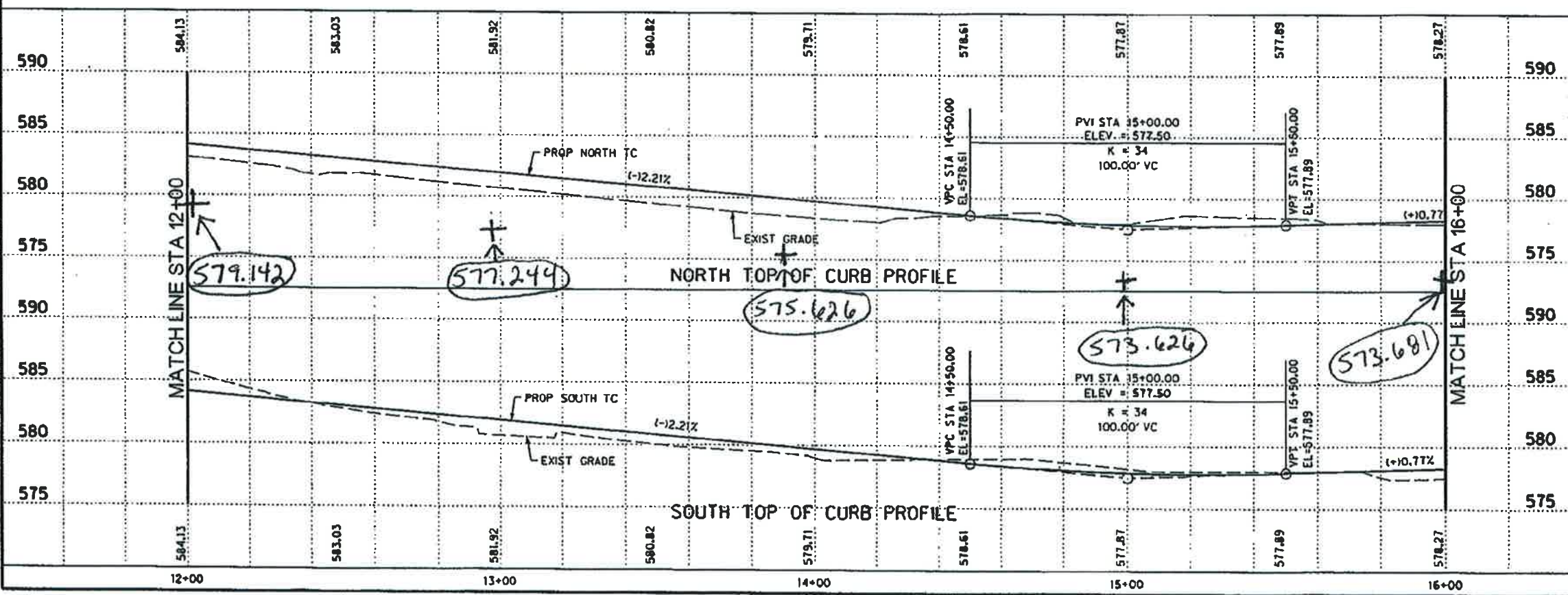
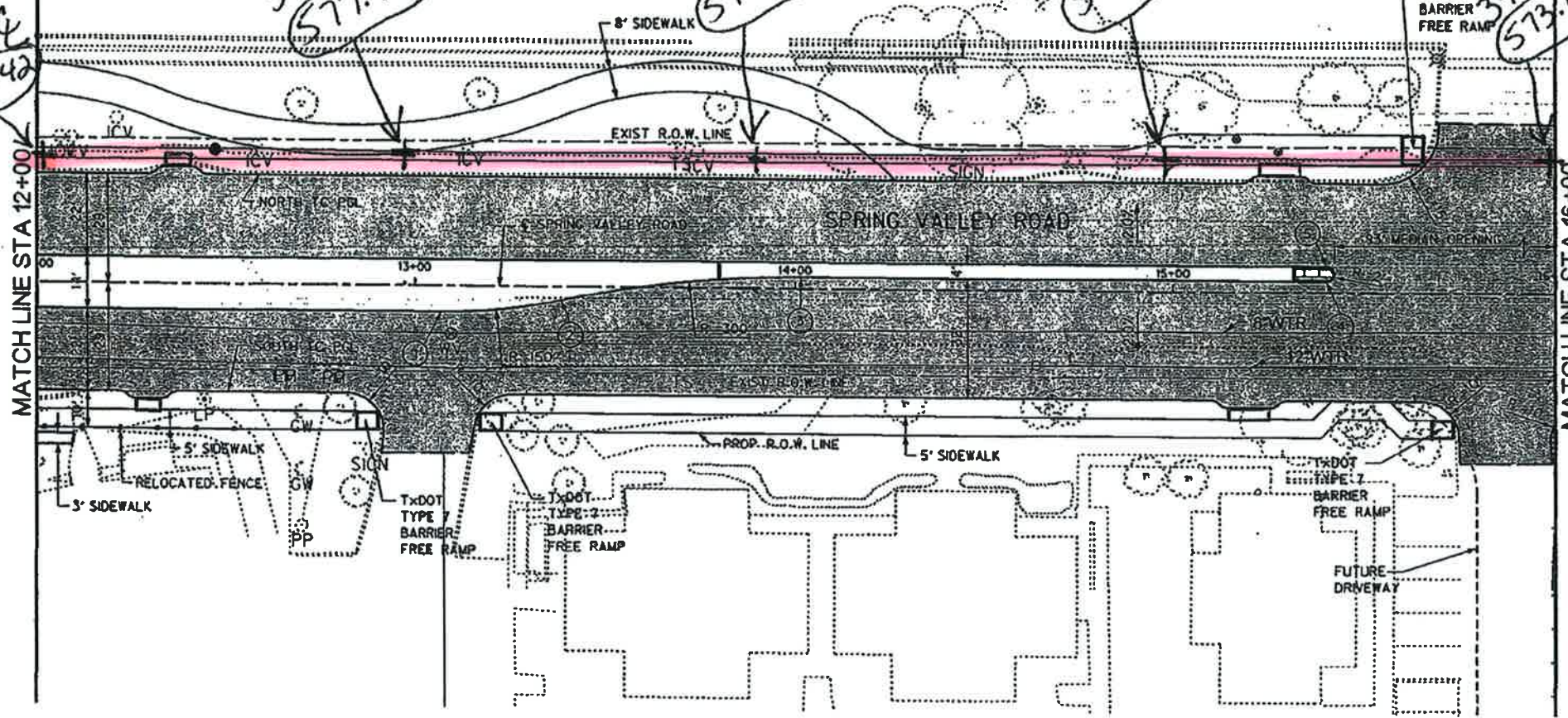
LEGEND

- PERMANENT REINFORCED CONCRETE PAVEMENT CONSTRUCTION
- CONC MEDIAN NOSE PAVER
- CONC PAVER



BACK OF CURB PC/PT/PRC/PCC
SPRING VALLEY ROAD

| NO | DESC | STATION | OFFSET |
|----|------|----------|----------|
| 1 | PC | 13+07.31 | 7.00' RT |
| 2 | PRC | 13+38.75 | 3.67' RT |
| 3 | PT | 14+01.65 | 3.00' LT |
| 4 | PC | 15+40.51 | 3.00' LT |
| 5 | PT | 15+40.51 | 7.00' LT |



HALFF ASSOCIATES, INC.
ENGINEERS - SURVEYORS - SCIENTISTS
PRELIMINARY - FOR INTERIM REVIEW ONLY

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

M.E. ROMANOWSKI 56306 AUGUST 2010
PEB D&E

| | | | | | |
|---|--------|-------|-------------|--------------|-------|
| REVISION | BY | DATE | | | |
| | | | | | |
| | | | | | |
| SPRING VALLEY ROAD | | | | | |
| PAVING PLAN AND PROFILE STA 12+00 TO 16+00 | | | | | |
| | | | | | |
| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
| 27530 | XXX | XXX | AUGUST 2010 | 27530_PAVM02 | P2 |

USER: qh1293

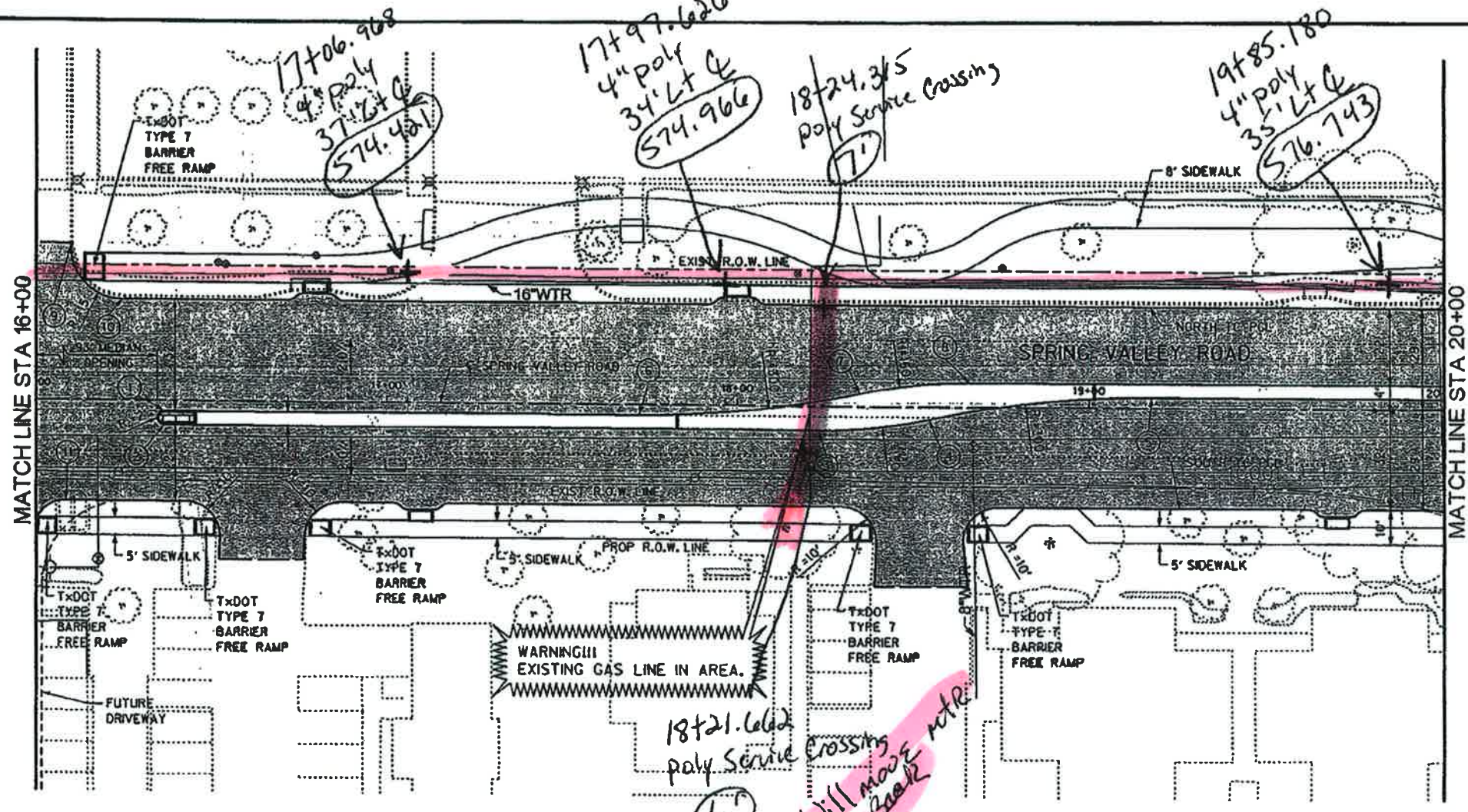
OFFICE: RCH

PROJECT: 27530

FILE: 27530 PAVM 03.dgn

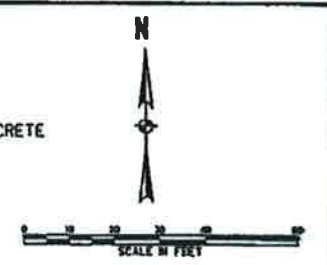
TIME: 2:59:29 PM

DATE: 8/11/2010



LEGEND

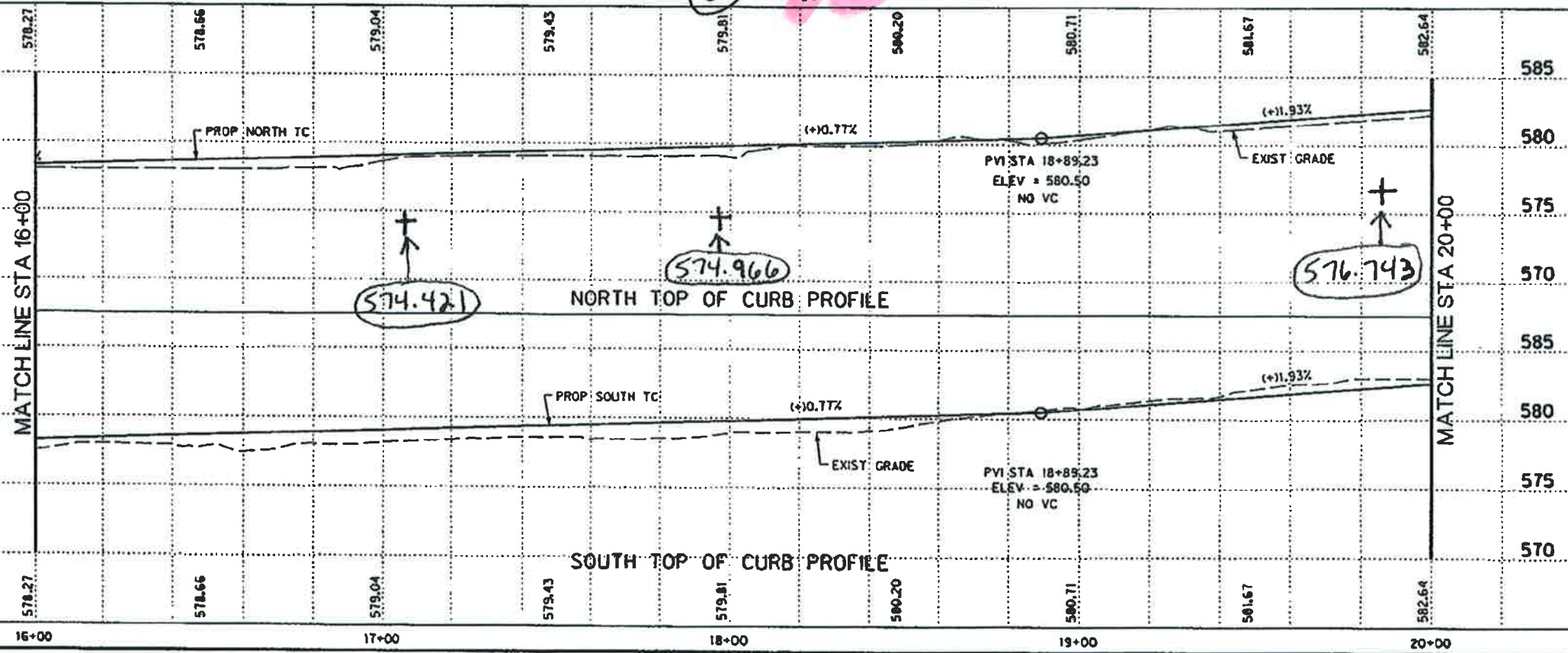
- PERMANENT REINFORCED CONCRETE PAVEMENT CONSTRUCTION
- CONC MEDIAN NOSE PAVER
- CONC PAVER



**BACK OF CURB PC/PT/PRC/PCC
SPRING VALLEY ROAD**

| NO | DESC | STATION | OFFSET |
|----|------|----------|-----------|
| 1 | PC | 16+37.20 | 3.00' RT |
| 2 | PT | 16+37.20 | 7.00' RT |
| 3 | PC | 18+23.31 | 7.00' RT |
| 4 | PRC | 18+54.76 | 3.67' RT |
| 5 | PT | 19+17.65 | 3.00' LT |
| 6 | PC | 17+72.08 | 3.00' RT |
| 7 | PRC | 18+34.97 | 3.67' LT |
| 8 | PT | 18+66.42 | 7.00' LT |
| 9 | PC | 16+10.34 | 44.13' LT |
| 10 | PT | 16+25.34 | 29.00' LT |
| 11 | PT | 16+08.89 | 29.00' RT |

SHEET 10 OF 143



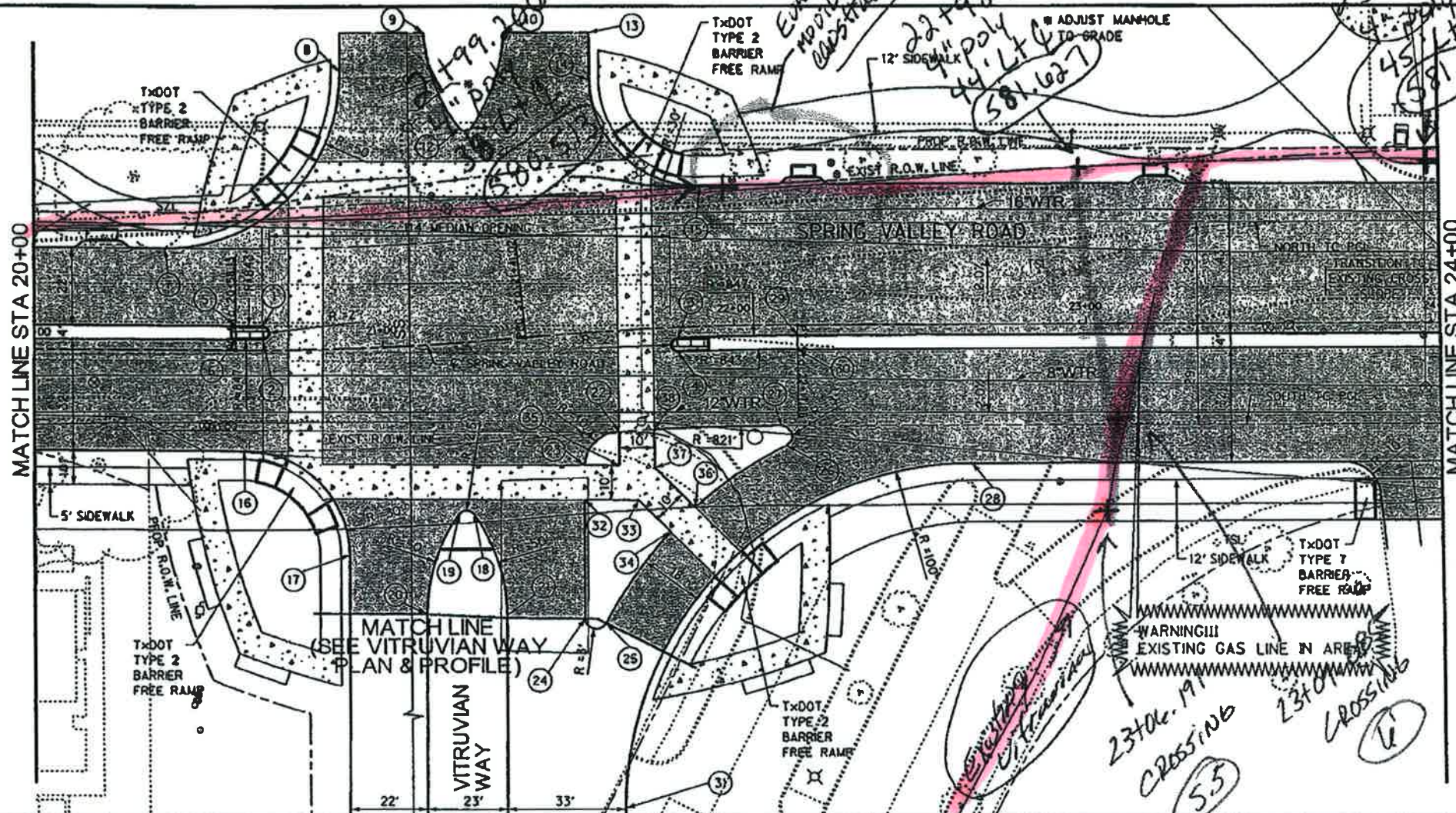
HALFF ASSOCIATES, INC.
ENGINEERS - SURVEYORS - SCIENTISTS
PRELIMINARY - FOR INTERIM REVIEW ONLY

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

M.E. ROMANOWSKI 56306 AUGUST 2010
PEB DATA

| | | | |
|---|----------|-------|-------------|
| NO. | REVISION | BY | DATE |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD | | | |
| PAVING PLAN AND PROFILE STA 16+00 TO 20+00 | | | |
| HALFF 1201 NORTH GARDNER ROAD, RICHARDSON, TEXAS 75081-0275 TEL: (972) 348-0200 FAX: (972) 730-9000 | | | |
| PROJECT | DESIGN | DRAWN | DATE |
| 27530 | XXX | XXX | AUGUST 2010 |
| FILE | SHEET | | |
| 27530 PAVM03 | P3 | | |

USER: Q1293
 PROJECT: 27530 OFFICE: RCH
 FILE: 27530 PAYM 04.dgn
 TIME: 2:59:33 PM
 DATE: 8/11/2010

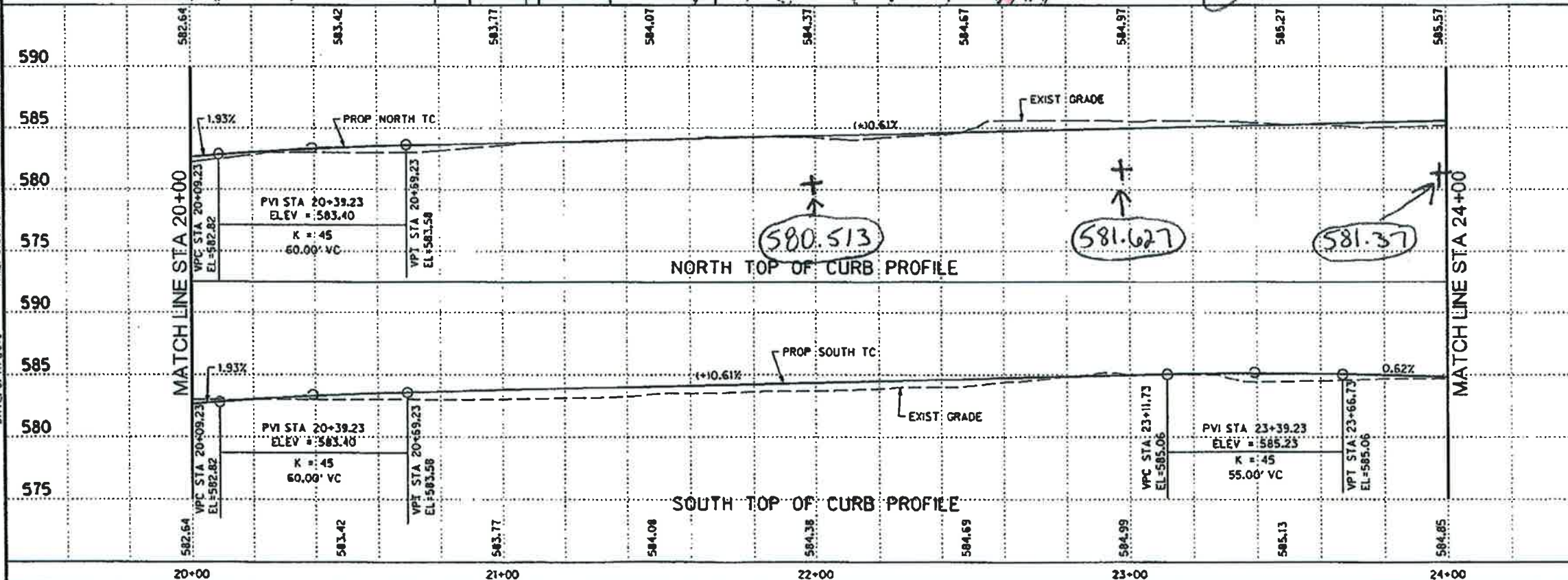


LEGEND

- PERMANENT REINFORCED CONCRETE PAVEMENT CONSTRUCTION
- CONC MEDIAN NOSE PAVER
- CONC PAVER

BACK OF CURB PC/PT/PRC/PCC
 SPRING VALLEY ROAD

| NO | DESC | STATION | OFFSET | NO | DESC | STATION | OFFSET |
|----|------|----------|-----------|----|------|----------|------------|
| 1 | PC | 20+65.69 | 7.00' LT | 21 | PC | 21+29.19 | 79.14' RT |
| 2 | PT | 20+65.69 | 3.00' LT | 22 | PC | 21+64.97 | 29.00' RT |
| 3 | PC | 21+83.65 | 3.00' RT | 23 | PT | 21+54.42 | 38.03' RT |
| 4 | PT | 21+83.65 | 7.00' RT | 24 | PC | 21+50.40 | 82.20' RT |
| 5 | PCC | 20+58.14 | 7.00' LT | 25 | PT | 21+56.54 | 84.02' RT |
| 6 | PCC | 20+58.14 | 3.00' LT | 26 | PC | 22+14.20 | 34.68' RT |
| 7 | PC | 20+38.05 | 29.00' LT | 27 | PT | 22+12.80 | 29.00' RT |
| 8 | PT | 20+91.11 | 78.63' LT | 28 | PC | 22+67.48 | 40.00' RT |
| 9 | PC | 21+18.27 | 88.59' LT | 29 | PCC | 22+17.86 | 3.00' RT |
| 10 | PC | 21+43.37 | 86.72' LT | 30 | PCC | 22+17.86 | 7.00' RT |
| 11 | PT | 21+30.58 | 60.68' LT | 31 | PT | 21+57.83 | 137.48' RT |
| 12 | PT | 21+27.14 | 60.92' LT | 32 | PI | 21+53.55 | 48.00' RT |
| 13 | PI | 21+65.09 | 84.86' LT | 33 | PI | 21+69.24 | 49.09' RT |
| 14 | PC | 21+64.28 | 71.49' LT | 34 | PI | 21+78.48 | 58.75' RT |
| 15 | PT | 21+91.95 | 40.00' LT | 35 | PI | 21+64.34 | 38.75' RT |
| 16 | PC | 20+60.26 | 29.00' RT | 36 | PI | 21+86.40 | 52.03' RT |
| 17 | PT | 20+88.23 | 59.58' RT | 37 | PI | 21+74.77 | 39.95' RT |
| 18 | PT | 21+22.03 | 49.47' RT | 38 | PI | 21+75.34 | 29.00' RT |
| 19 | PT | 21+18.21 | 49.20' RT | | | | |
| 20 | PC | 21+07.82 | 77.58' RT | | | | |



HALFF ASSOCIATES, INC.
 ENGINEERS - SURVEYORS - SCIENTISTS
 PRELIMINARY - FOR INTERIM REVIEW ONLY
 These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:
 M.JE. ROMANOWSKI
 56306 AUGUST 2010
 PEF DRB

NO. REVISION BY DATE

Halff TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

SPRING VALLEY ROAD

PAVING PLAN AND PROFILE
 STA 20+00 TO 24+00

HALFF 1301 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-0275
 TEL: (972) 940-0888 FAX: (972) 728-0888

| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
|---------|--------|-------|-------------|--------------|-------|
| 27530 | XXX | XXX | AUGUST 2010 | 27530 PAYM04 | P4 |

USER: ohi299

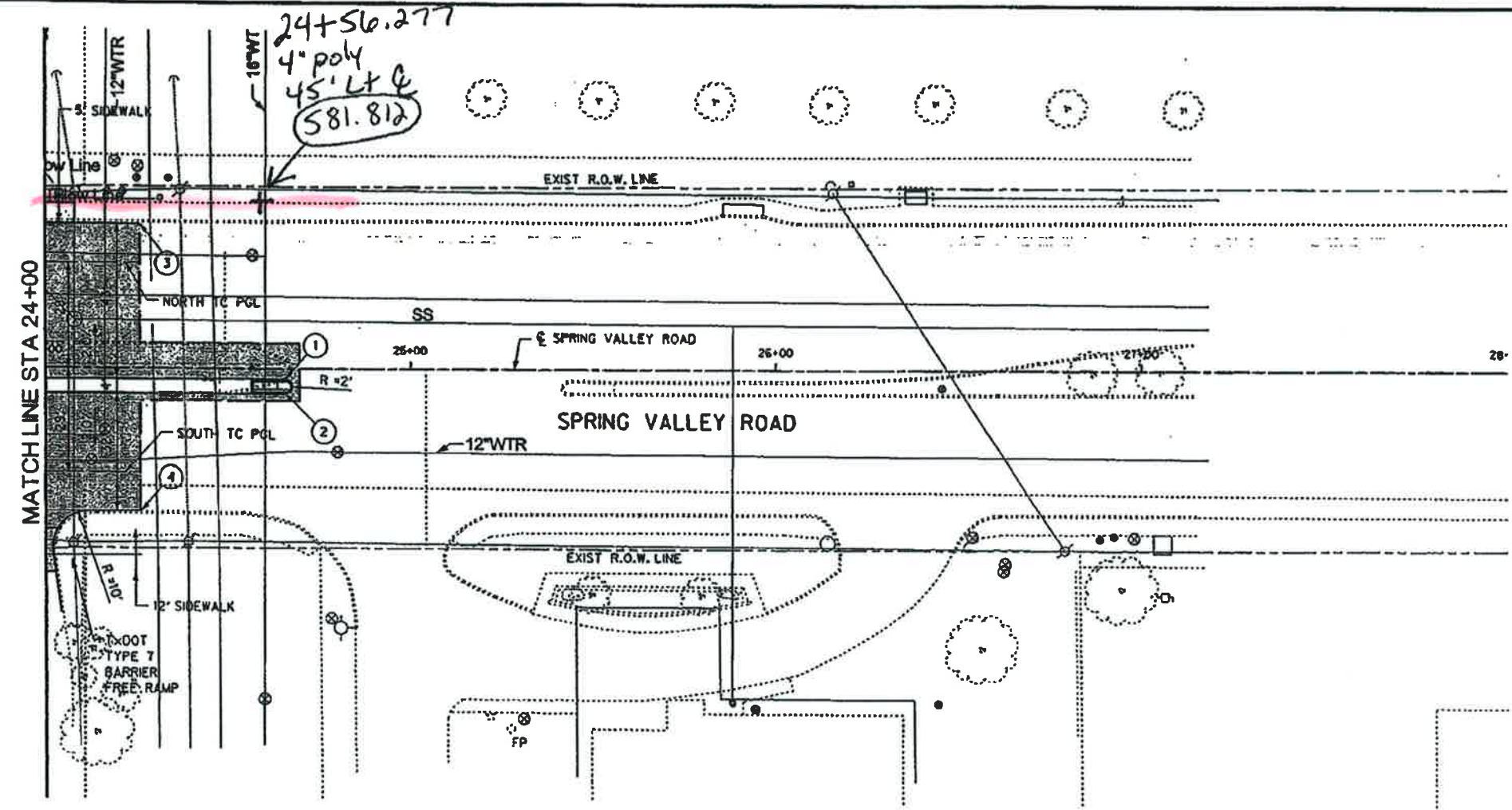
OFFICE: RCH

PROJECT: 27530




FILE: 27530_PAVM_05.dwg

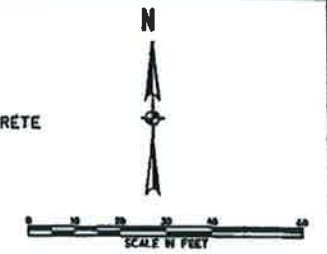
TIME: 2:59:37 PM

DATE: 8/11/2010



LEGEND

-  PERMANENT REINFORCED CONCRETE PAVEMENT CONSTRUCTION
-  CONC MEDIAN NOSE PAVER
-  CONC PAVER



**BACK OF CURB PC/PT/PRC/PCC
SPRING VALLEY ROAD**

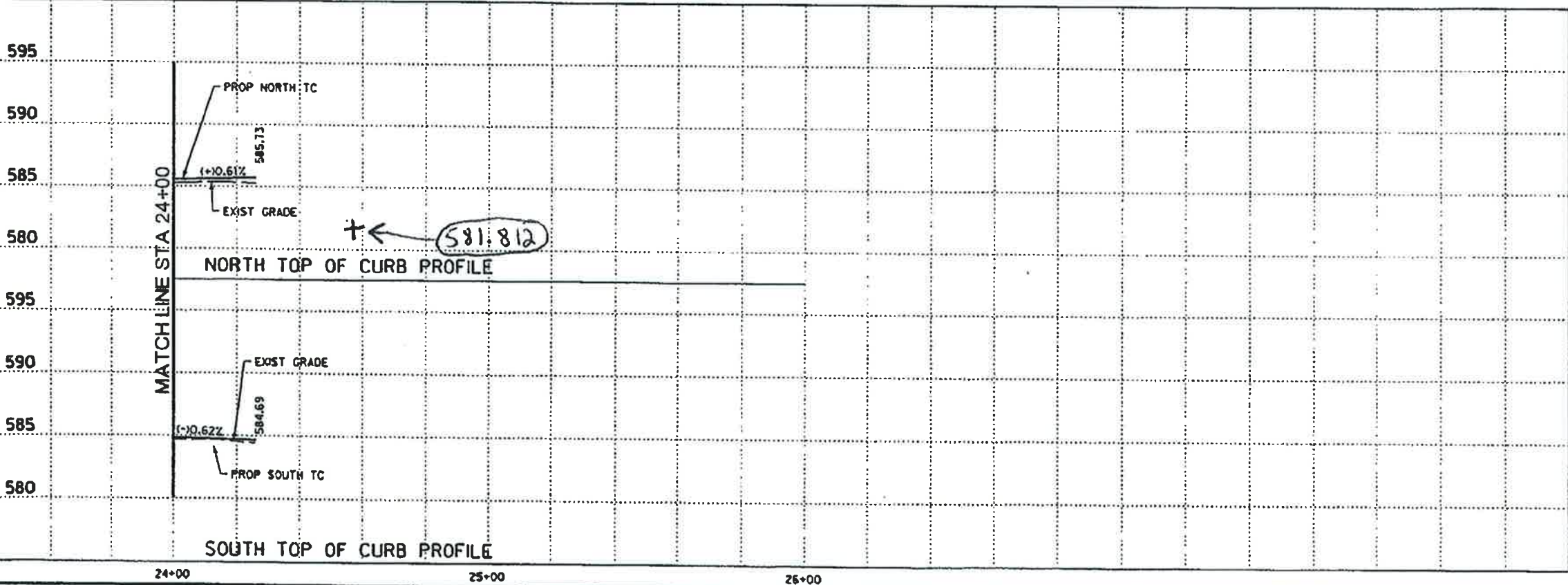
| NO | DESC | STATION | OFFSET |
|----|------|----------|-----------|
| 1 | PC | 24+65.59 | 3.00' RT |
| 2 | PT | 24+65.59 | 7.00' RT |
| 3 | PI | 24+25.83 | 39.68' LT |
| 4 | PI | 24+26.02 | 39.84' RT |



SHEET 12 OF 143

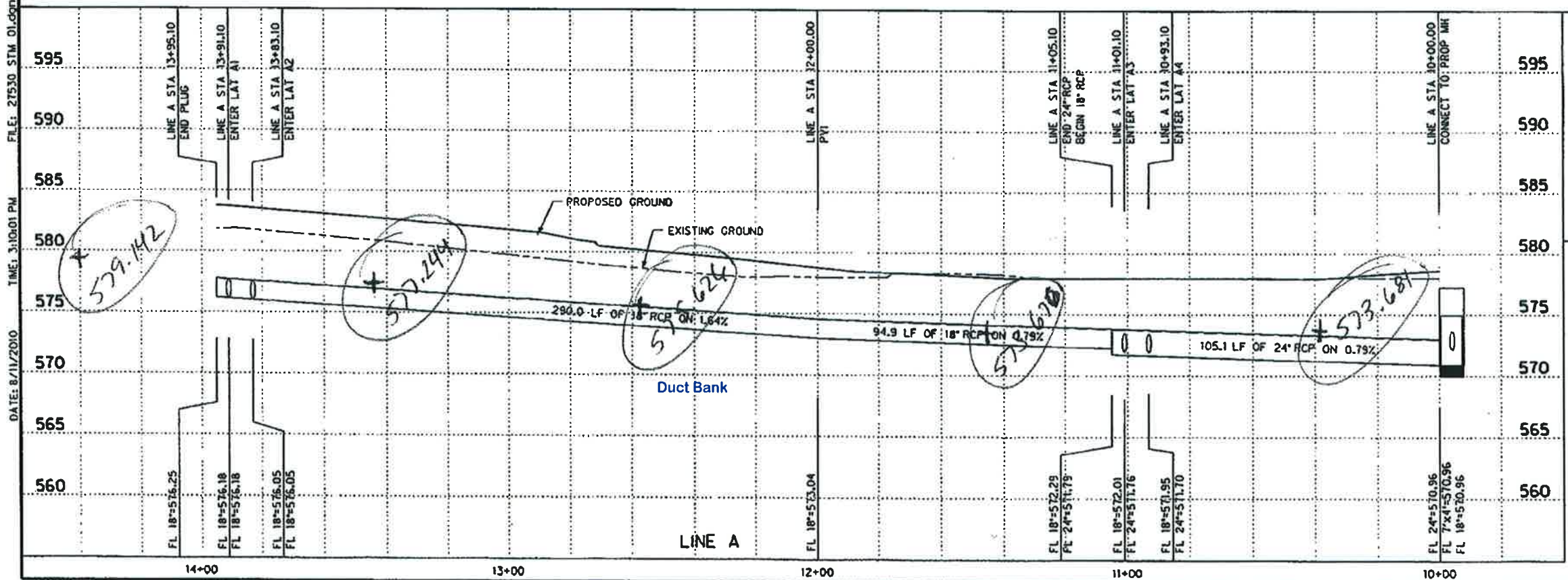
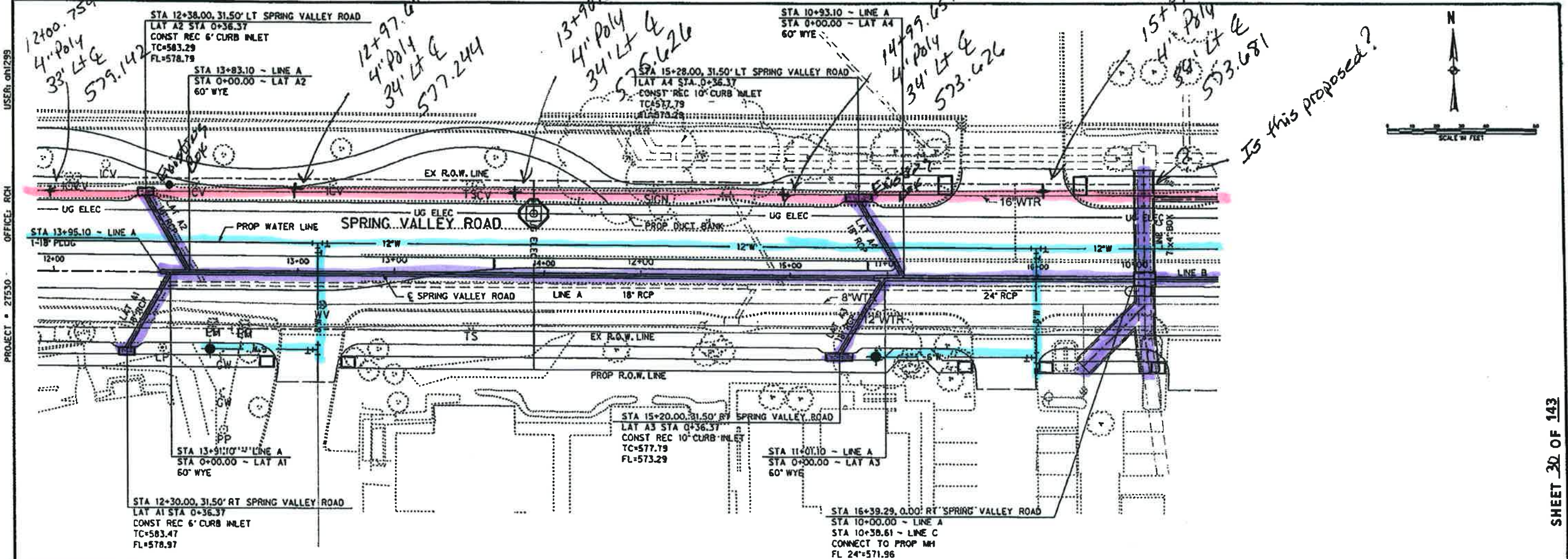
HALFF ASSOCIATES, INC.
ENGINEERS - SURVEYORS - SCIENTISTS
PRELIMINARY - FOR INTERIM REVIEW ONLY

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

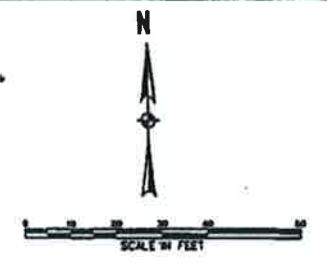
M.E. ROMANOWSKI 56308 AUGUST 2010
PE# DATE



| | | | |
|--|----------|-------|-------------|
| NO. | REVISION | BY | DATE |
|  TOWN OF ADDISON DALLAS COUNTY, TEXAS | | | |
| SPRING VALLEY ROAD | | | |
| PAVING PLAN AND PROFILE STA 24+00 TO 26+11.52 | | | |
|  HALFF | | | |
| 13811 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-4278 TEL: (972) 948-0288 FAX: (972) 728-0888 | | | |
| PROJECT | DESIGN | DRAWN | DATE |
| 27530 | XXX | XXX | AUGUST 2010 |
| FILE | SHEET | | |
| 27530_PAVM05 | P5 | | |



USER: dnt299
 OFFICE: RCH
 PROJECT: 27530
 FILE: 27530 STM 01.dgn
 TIME: 3:10:01 PM
 DATE: 8/11/2010



Is this proposed?

HALFF ASSOCIATES, INC.
 ENGINEERS - SURVEYORS - SCIENTISTS
 PRELIMINARY - FOR INTERIM REVIEW ONLY
 These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:
 M.E. ROMANOWSKI P.E. AUGUST 2010

| | | | |
|--|----------|-------|-------------|
| NO. | REVISION | BY | DATE |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD STORM DRAIN PLAN & PROFILE LINE A STA 10+00 TO 13+90.00 | | | |
| HALFF 1201 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2275 TEL: (972) 944-8888 FAX: (972) 730-0886 | | | |
| PROJECT | DESIGN | DRAWN | DATE |
| 27530 | XXX | XXX | AUGUST 2010 |
| FILE | SHEET | | |
| 27530 STM 01 | STM-1 | | |

SHEET 30 OF 143

USER: oht299

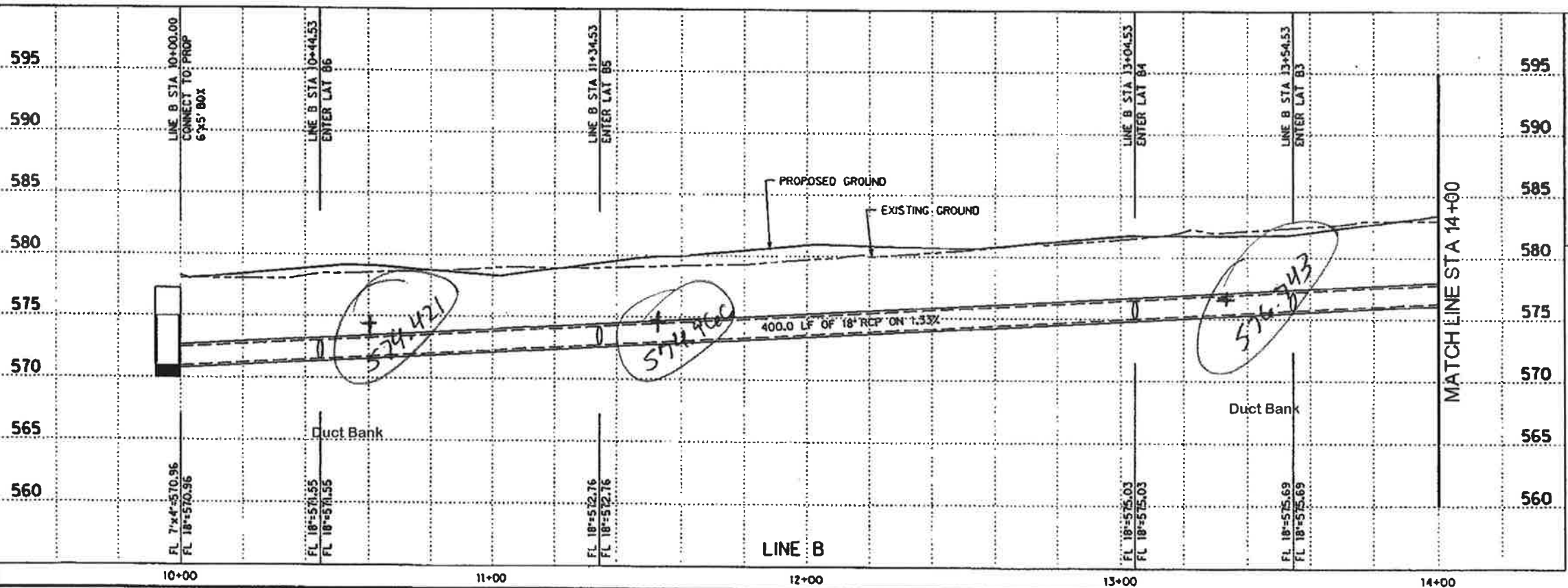
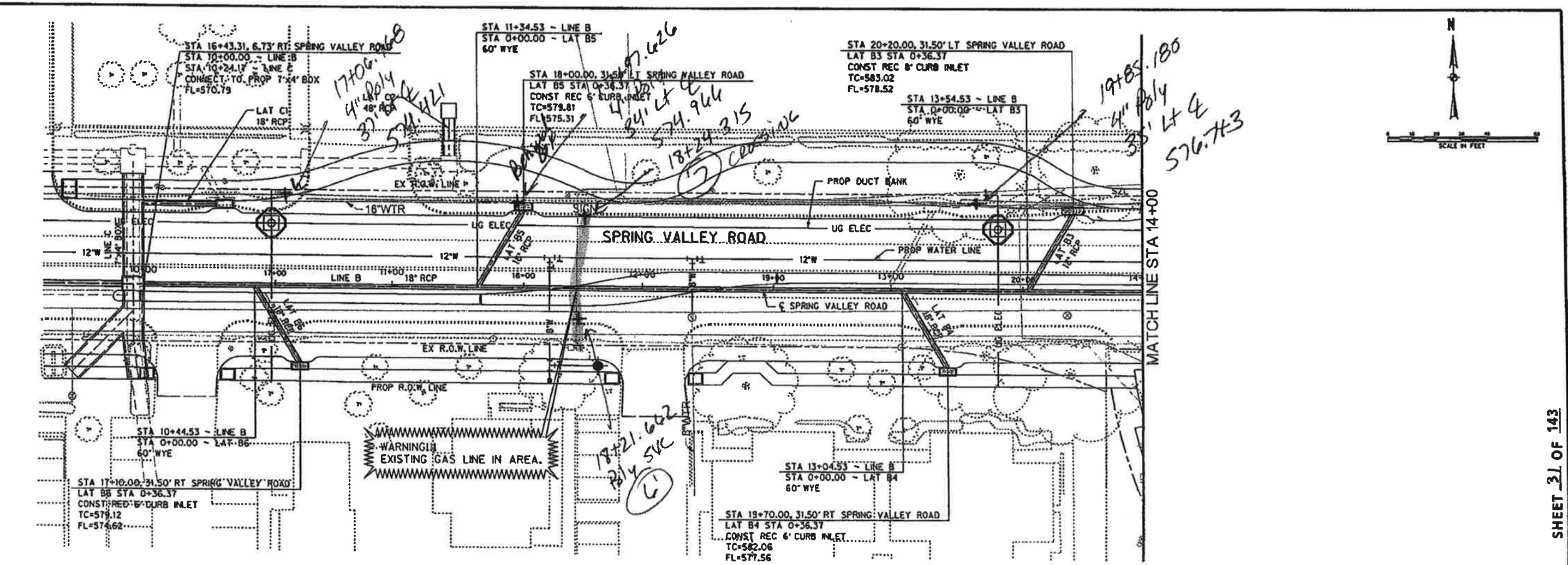
OFFICE: RCH

PROJECT: 27530

FILE: 27530 STM 02.dgn

TIME: 3:10:15 PM

DATE: 8/11/2010



HALFF ASSOCIATES, INC.
 ENGINEERS - SURVEYORS - SCIENTISTS
 PRELIMINARY - FOR INTERM REVIEW ONLY

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

M.E. ROMANOWSKI 66306 AUGUST 2010
 PE# Data

| | | | |
|---|----------|-------|-------------|
| NO. | REVISION | BY | DATE |
| | | | |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD | | | |
| STORM DRAIN PLAN & PROFILE LINE B STA 10+00 TO 14+00 | | | |
| 1301 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2278 TEL: (972) 344-8888 FAX: (972) 738-8888 | | | |
| PROJECT | DESIGN | DRAWN | DATE |
| 27530 | XXX | XXX | AUGUST 2010 |
| FILE | SHEET | | |
| 27530 STM 02 | STM-2 | | |

USER: dh1299

OFFICE: RCK

PROJECT: 27530

FILE: 27530 STM 03-090

TIME: 3:10:29 PM

DATE: 8/11/2010

MATCH LINE STA 14+00

MATCH LINE STA 14+00

14+00

15+00

16+00

STA 22+20.02, 42.50' LT SPRING VALLEY ROAD
LAT B2 STA 0+48.70
CONST REC 6' CURB INLET
TC=578.49
FL=578.99

STA 23+20.02, 42.34' LT SPRING VALLEY ROAD
LAT B1 STA 0+48.98
CONST REC 6' CURB INLET
TC=585.09
FL=580.59

STA 15+49.42 - LINE B
STA 0+00.00 - LAT B2
60' WYE

STA 16+48.28 - LINE B
STA 0+00.00 - LAT B1
60' WYE

UG ELEC
PC STA 20+58.13 - LINE B

PRC STA 21+41.02 - LINE B

PROP WATER LINE

STA 16+52.28 - LINE B
END PLUG

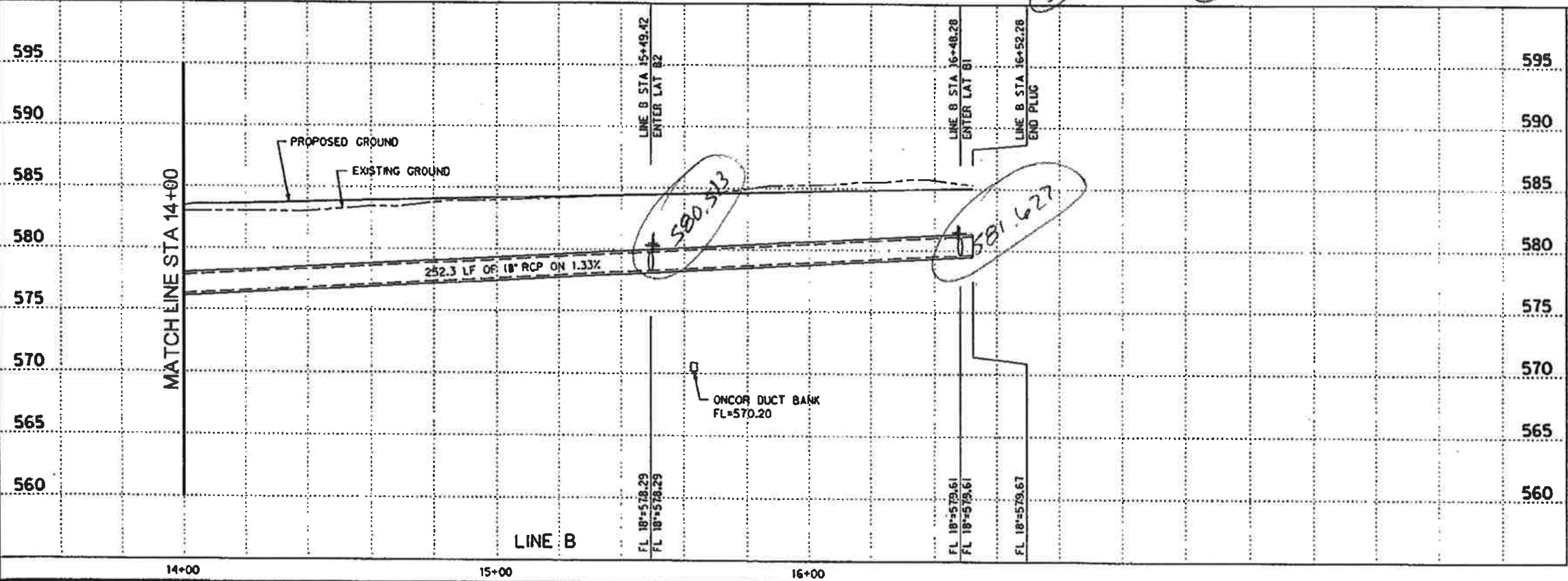
SPRING VALLEY ROAD

VITRUVIAN WAY

WARNING!!!
EXISTING GAS LINE IN AREA

23+06.191
CROSSING
5.5

23+09.089
CROSSING
6'

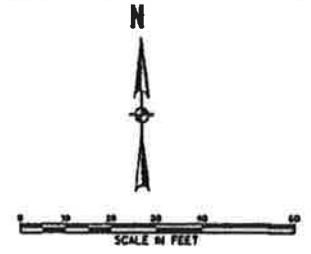


HALFF ASSOCIATES, INC.
ENGINEERS - SURVEYORS - SCIENTISTS
PRELIMINARY - FOR INTERIM REVIEW ONLY

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

M.J. ROMANOWSKI
56306 AUGUST 2010
PEB DTA

| | | | |
|--|----------|-------|-------------|
| NO. | REVISION | BY | DATE |
| <p><i>Adrian</i> TOWN OF ADDISON DALLAS COUNTY, TEXAS</p> <p>SPRING VALLEY ROAD</p> <p>STORM DRAIN PLAN & PROFILE LINE B STA 14+00 TO 16+52.28</p> <p>HALFF 1301 NORTH BROWDER ROAD, RICHARDSON, TEXAS 75081-1395 TEL (214) 340-8888 FAX (214) 728-8828</p> | | | |
| PROJECT | DESIGN | DRAWN | DATE |
| 27530 | XXX | XXX | AUGUST 2010 |
| FILE | SHEET | | |
| 27530 STM 03 | STM-3 | | |



SHEET 32 OF 143

USER: gh1299

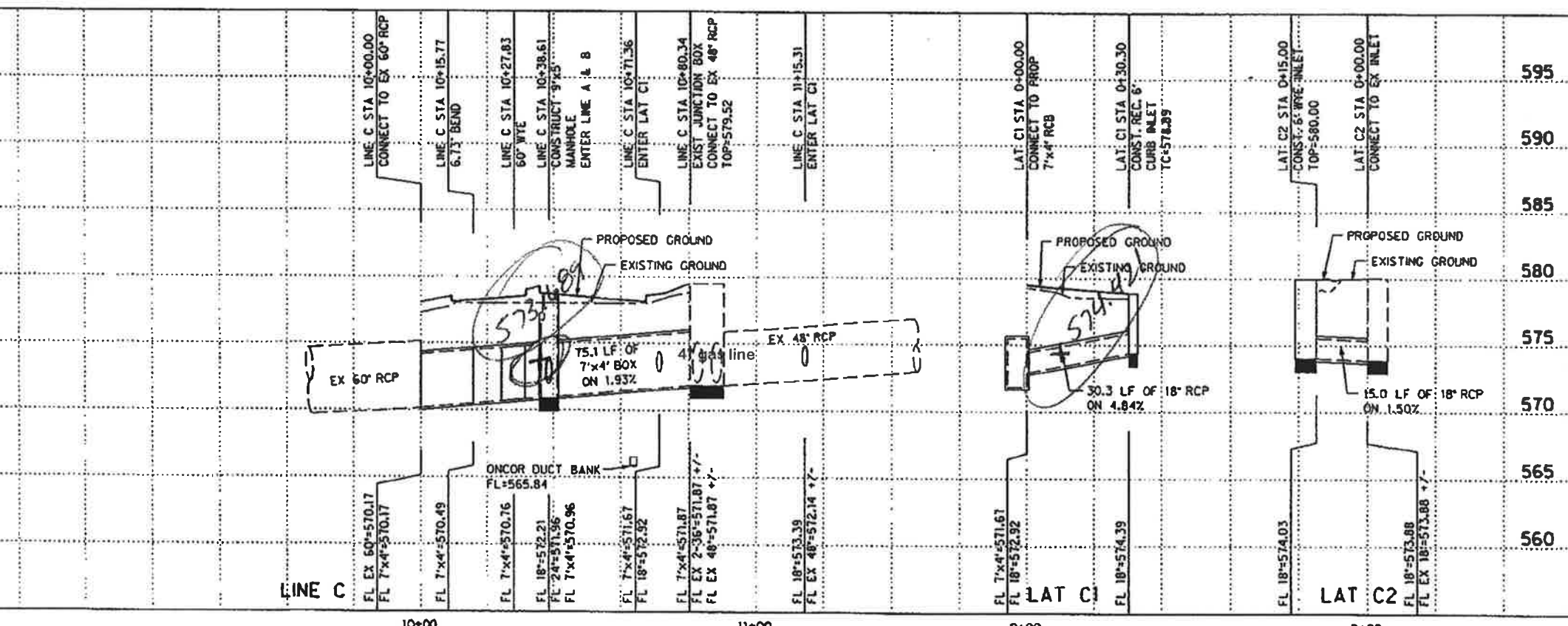
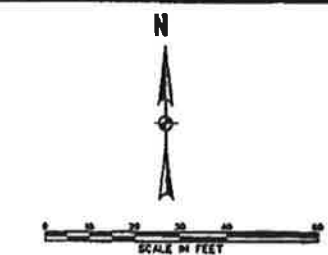
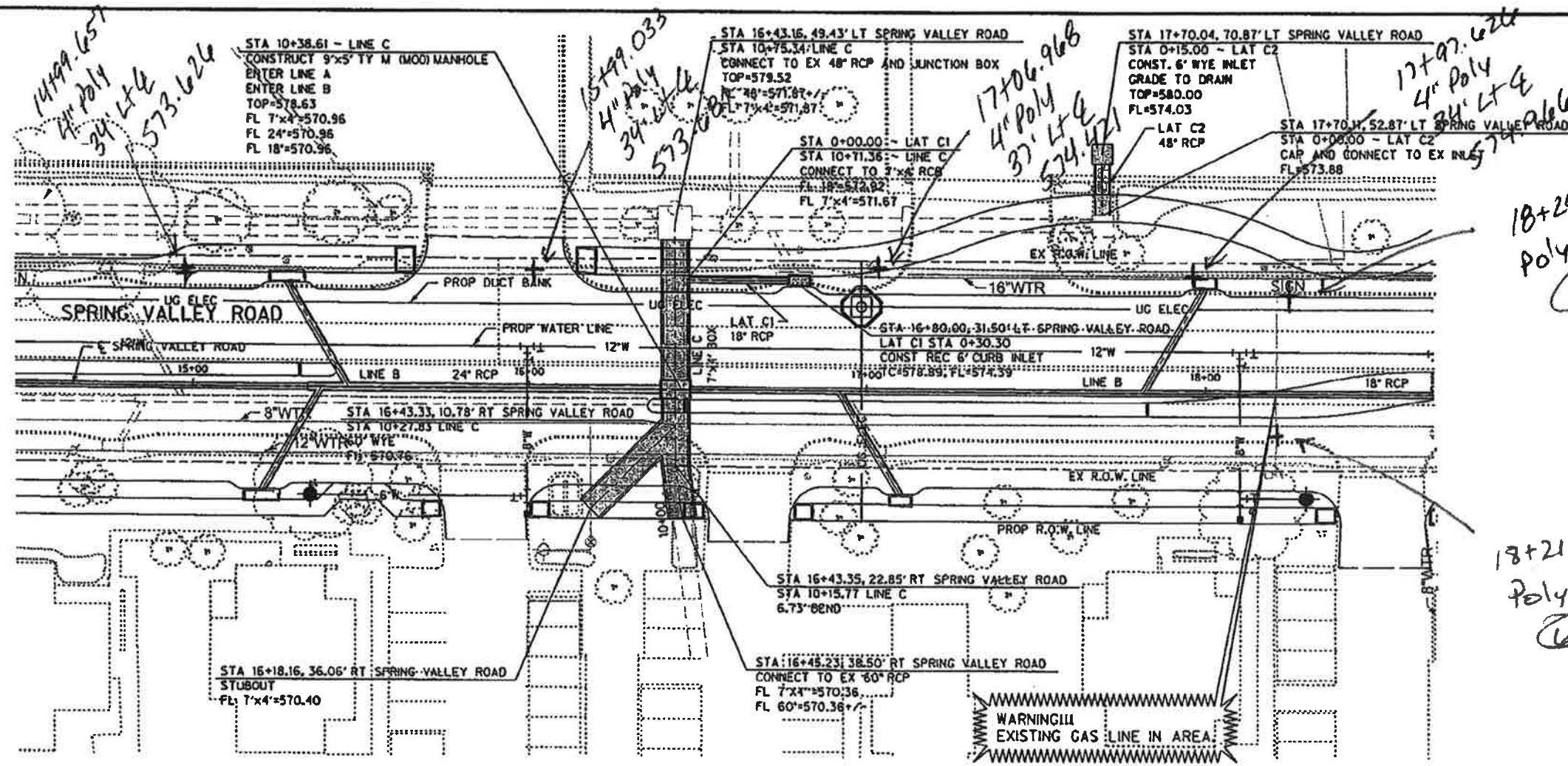
OFFICE: RCH

PROJECT: 27530

FILE: 27530 STM 04.dgn

TIME: 3:10:40 PM

DATE: 8/11/2010



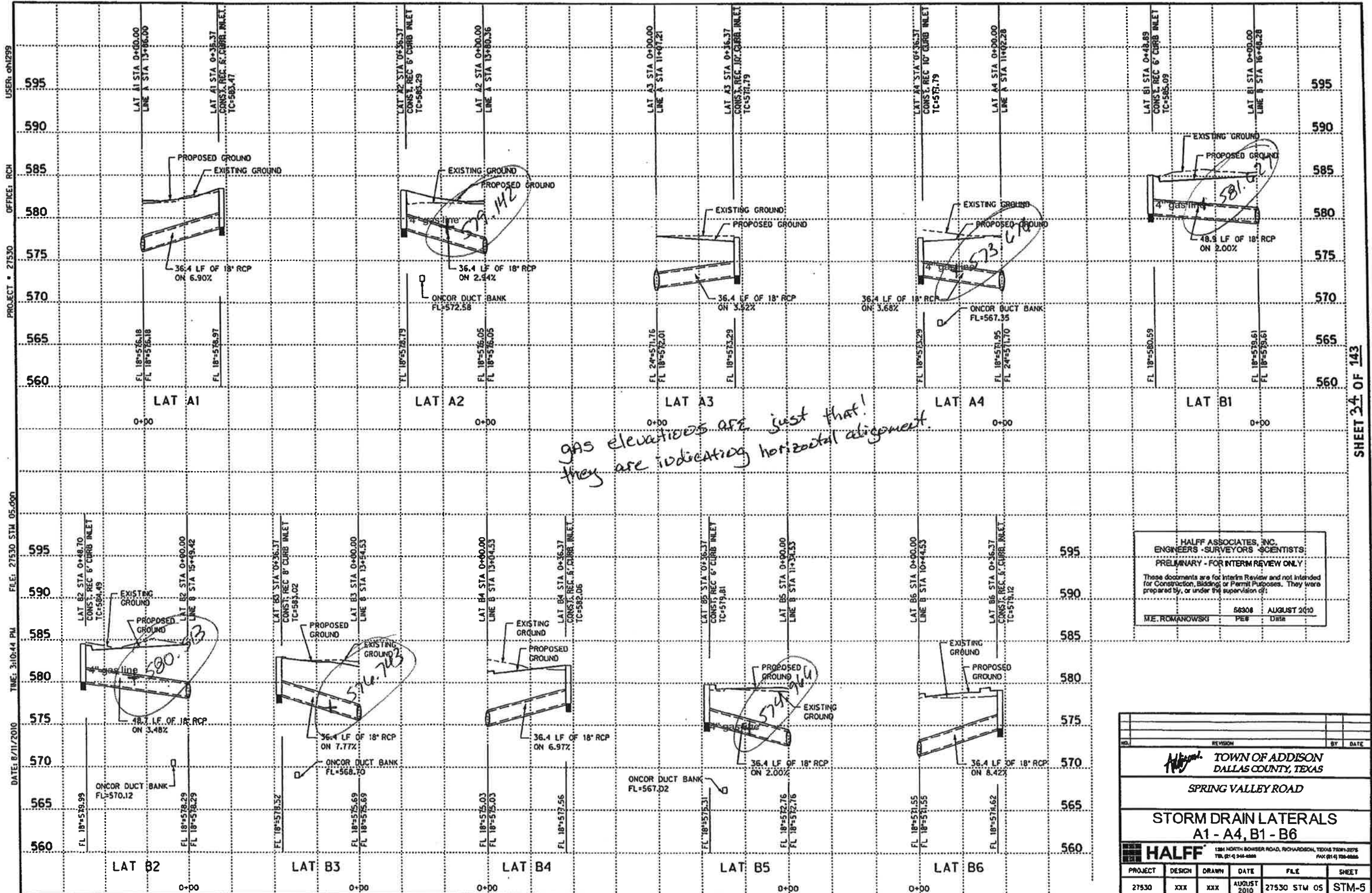
18+24.315
Poly SVC
(7)

18+21.662
Poly SVC
(6)

HALFF ASSOCIATES, INC.
ENGINEERS - SURVEYORS - SCIENTISTS
PRELIMINARY - FOR INTERIM REVIEW ONLY
These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:
M.E. ROMANOWSKI P.E. AUGUST 2010

| NO. | REVISION | BY | DATE |
|--|----------|-------|-------------|
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD | | | |
| STORM DRAIN PLAN & PROFILE LINE C STA 10+00 TO 12+08.48 | | | |
| 1201 NORTH BOHEMER ROAD, ROCKFORD, TEXAS 75087-0276 TEL (214) 946-6800 FAX (214) 718-0200 | | | |
| PROJECT | DESIGN | DRAWN | DATE |
| 27530 | XXX | XXX | AUGUST 2010 |
| FILE | SHEET | | |
| 27530 STM 04 | STM-4 | | |

SHEET 33 OF 143



*gas elevations are just that!
they are indicating horizontal alignment.*

HALFF ASSOCIATES, INC.
ENGINEERS - SURVEYORS - SCIENTISTS
PRELIMINARY - FOR INTERIM REVIEW ONLY
These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:
M.E. ROMANOWSKI PE# 56308 AUGUST 2010 Date

| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| | | | |

TOWN OF ADDISON
DALLAS COUNTY, TEXAS

SPRING VALLEY ROAD

STORM DRAIN LATERALS
A1 - A4, B1 - B6

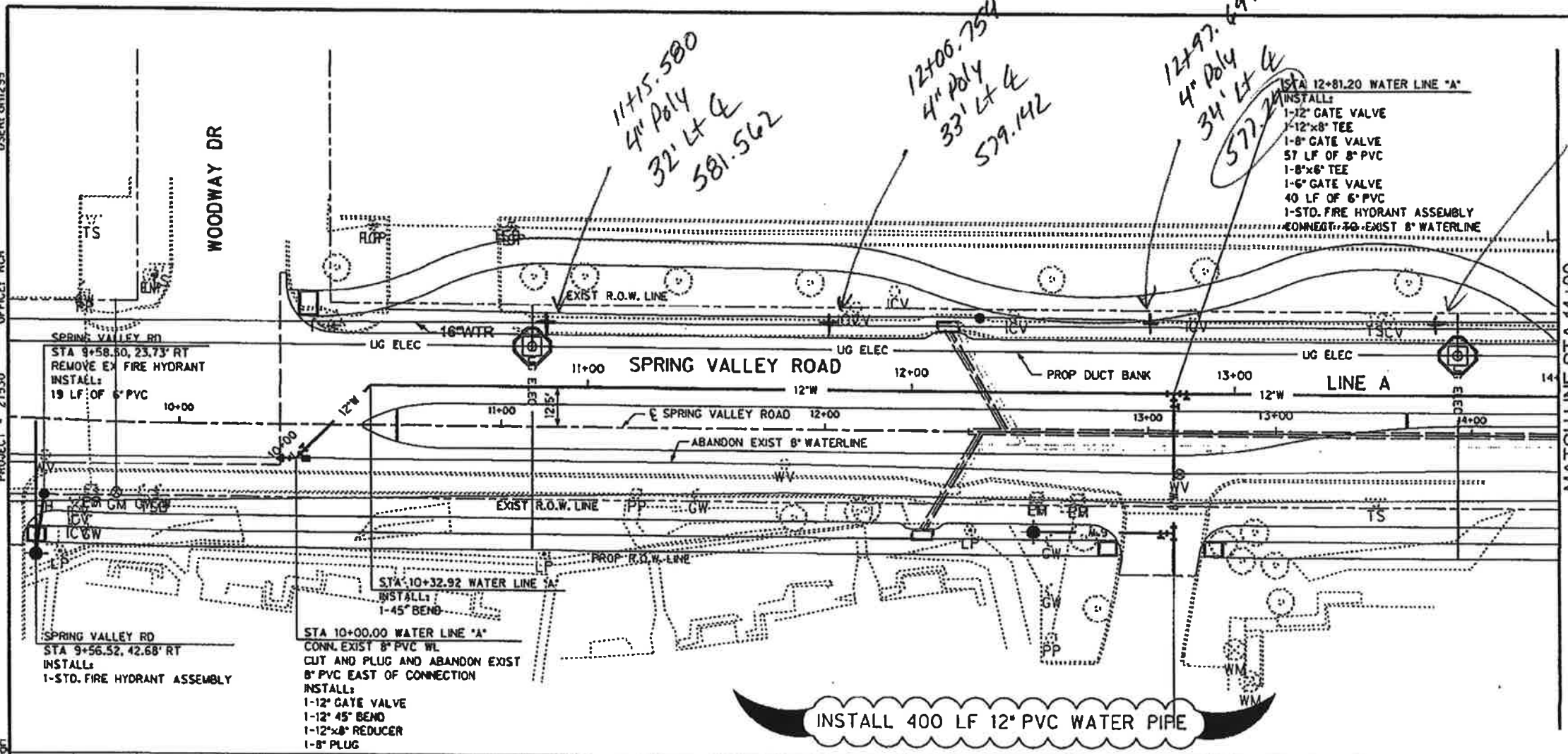
HALFF 1301 NORTH BOUISER ROAD, RICHARDSON, TEXAS 75081-2275
TEL: (972) 244-0200 FAX: (972) 738-0200

| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
|---------|--------|-------|-------------|--------------|-------|
| 27530 | XXX | XXX | AUGUST 2010 | 27530 STW 05 | STM-5 |

USER: ch1299
OFFICE: RCH
PROJECT: 27530
FILE: 27530 STW 05.dgn
TIME: 3:10:44 PM
DATE: 8/11/2010

SHEET 34 OF 143

DATE: 8/11/2010 TIME: 3:11:17 PM FILE: 27530 UWTR 01.dwg PROJECT # 27530 OFFICE: RCH USER: chl299



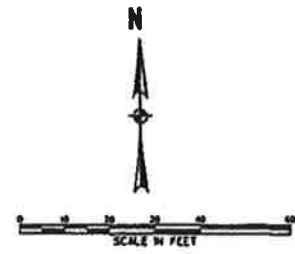
13+90.682
4" Poly
34' Lt &
575.626

11+15.580
4" Poly
32' Lt &
581.562

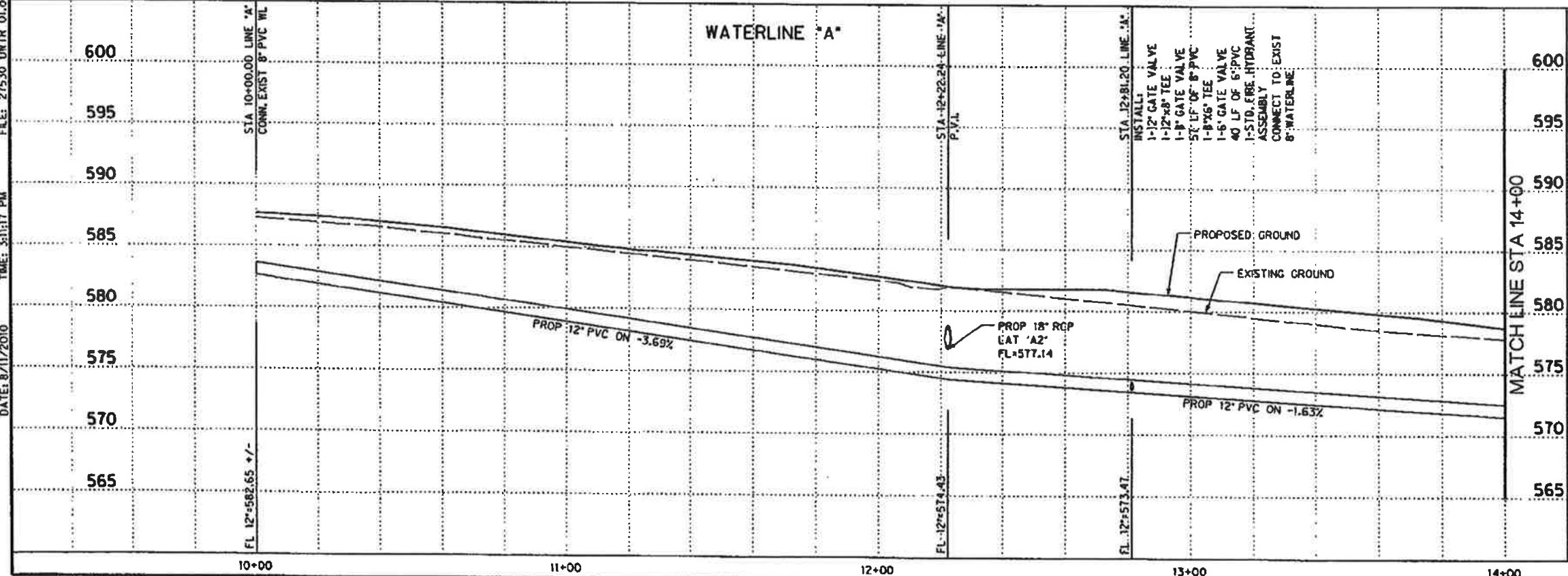
12+06.754
4" Poly
33' Lt &
579.142

12+97.697
4" Poly
34' Lt &
577.244

INSTALL:
1-12" GATE VALVE
1-12"x8" TEE
1-8" GATE VALVE
57 LF OF 8" PVC
1-8"x6" TEE
1-6" GATE VALVE
40 LF OF 6" PVC
1-STD. FIRE HYDRANT ASSEMBLY
CONNECT TO EXIST 8" WATERLINE



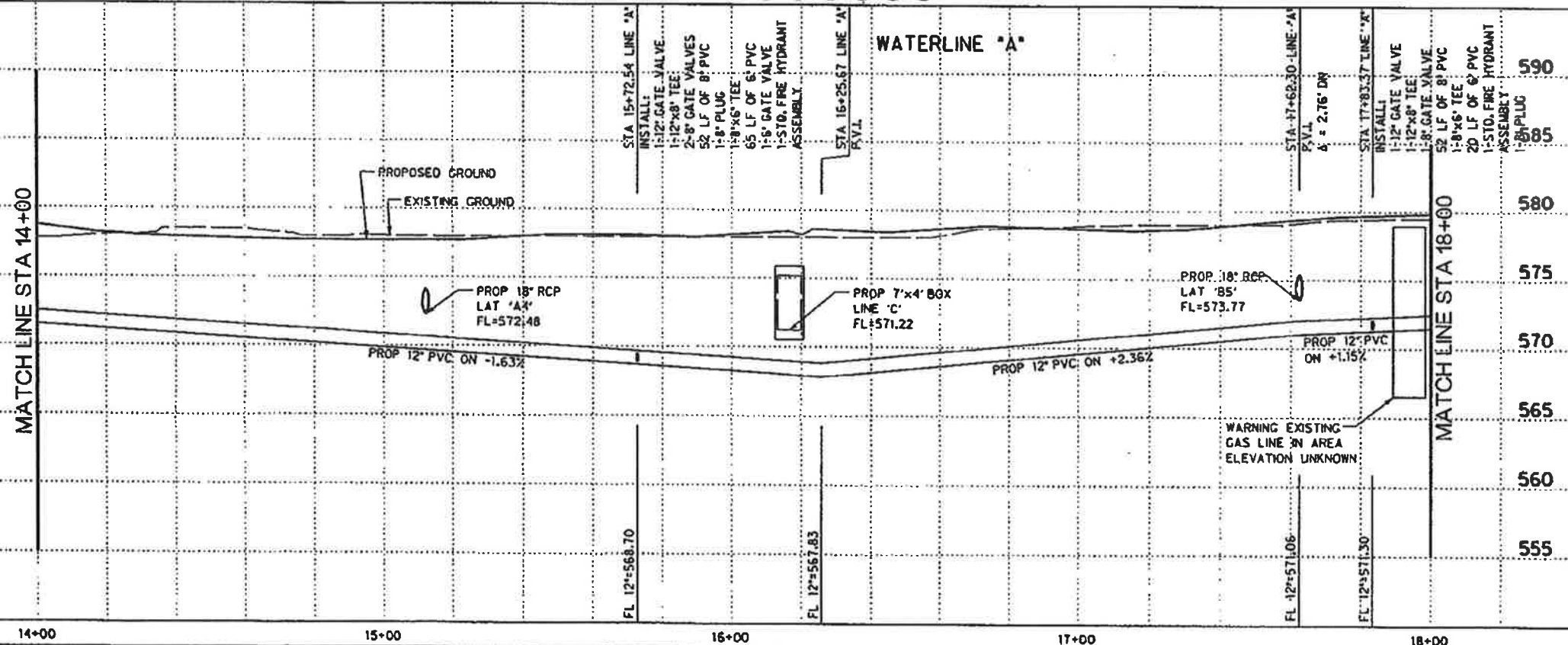
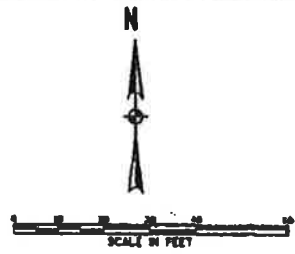
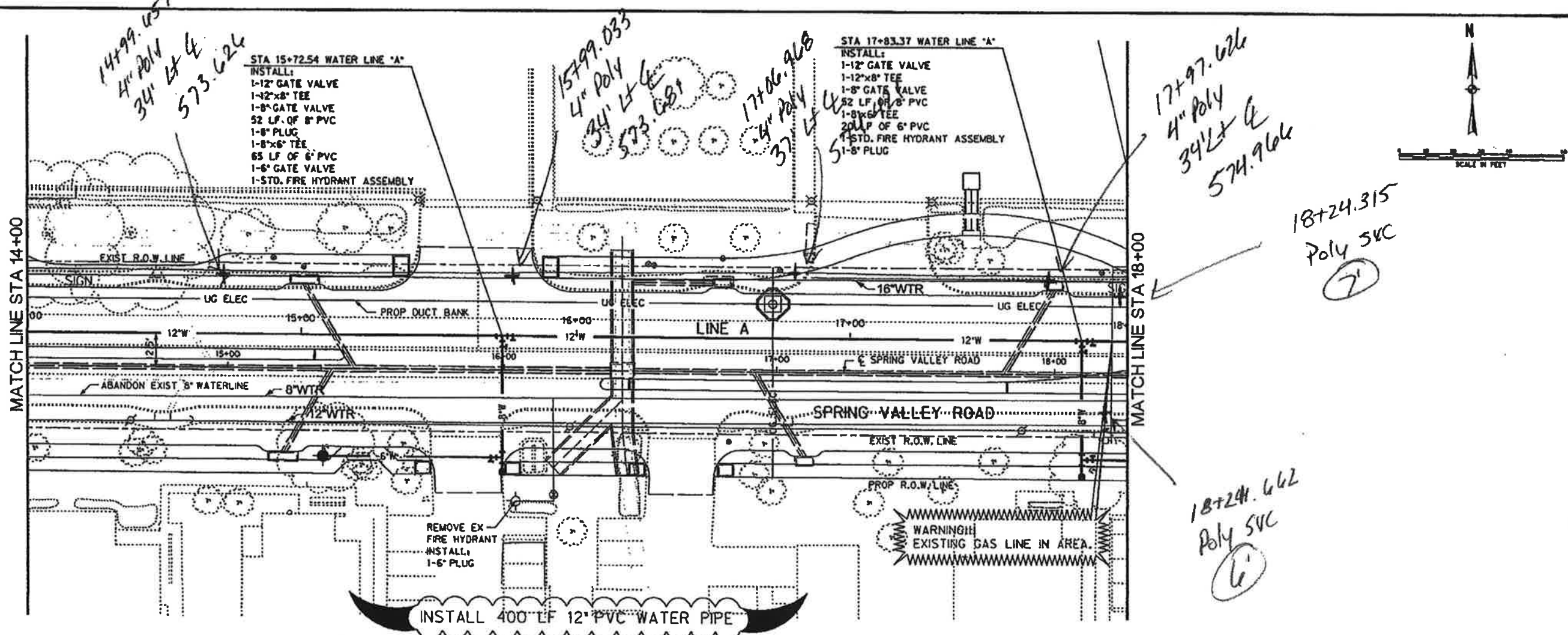
INSTALL 400 LF 12" PVC WATER PIPE



HALFF ASSOCIATES, INC.
ENGINEERS - SURVEYORS - SCIENTISTS
PRELIMINARY - FOR INTERIM REVIEW ONLY
These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:
M.E. ROMANOWSKI P.E. AUGUST 2010

| | | | | |
|---|--------|----------|-------------|---------------|
| NO. | | REVISION | BY | DATE |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD | | | | |
| WATER PLAN AND PROFILE STA 10+00 TO 14+00 | | | | |
| 1385 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2078 TEL: (972) 348-4200 FAX: (972) 348-4202 | | | | |
| PROJECT | DESIGN | DRAWN | DATE | FILE |
| 27530 | XXX | XXX | AUGUST 2010 | 27530 UWTR 01 |
| | | | | SHEET |
| | | | | WTR-1 |

SHEET 35 OF 143



HALFF ASSOCIATES, INC.
 ENGINEERS - SURVEYORS - SCIENTISTS
 PRELIMINARY - FOR INTERM REVIEW ONLY
 These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:
 M.E. ROMANOWSKI PE# 56308 AUGUST 2010 Date

| NO. | REVISION | BY | DATE | | |
|---|----------|-------|-------------|---------------|-------|
| | | | | | |
| TOWN OF ADDESON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD WATER PLAN AND PROFILE STA 14+00 TO 18+00 HALFF 1201 NORTH BOWSER ROAD, FID-HARDEN, TEXAS 75041-0275 TEL: (214) 345-0000 FAX: (214) 750-0000 | | | | | |
| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
| 27530 | XXX | XXX | AUGUST 2010 | 27530 UWTR 02 | WTR-2 |

USER: dhl299

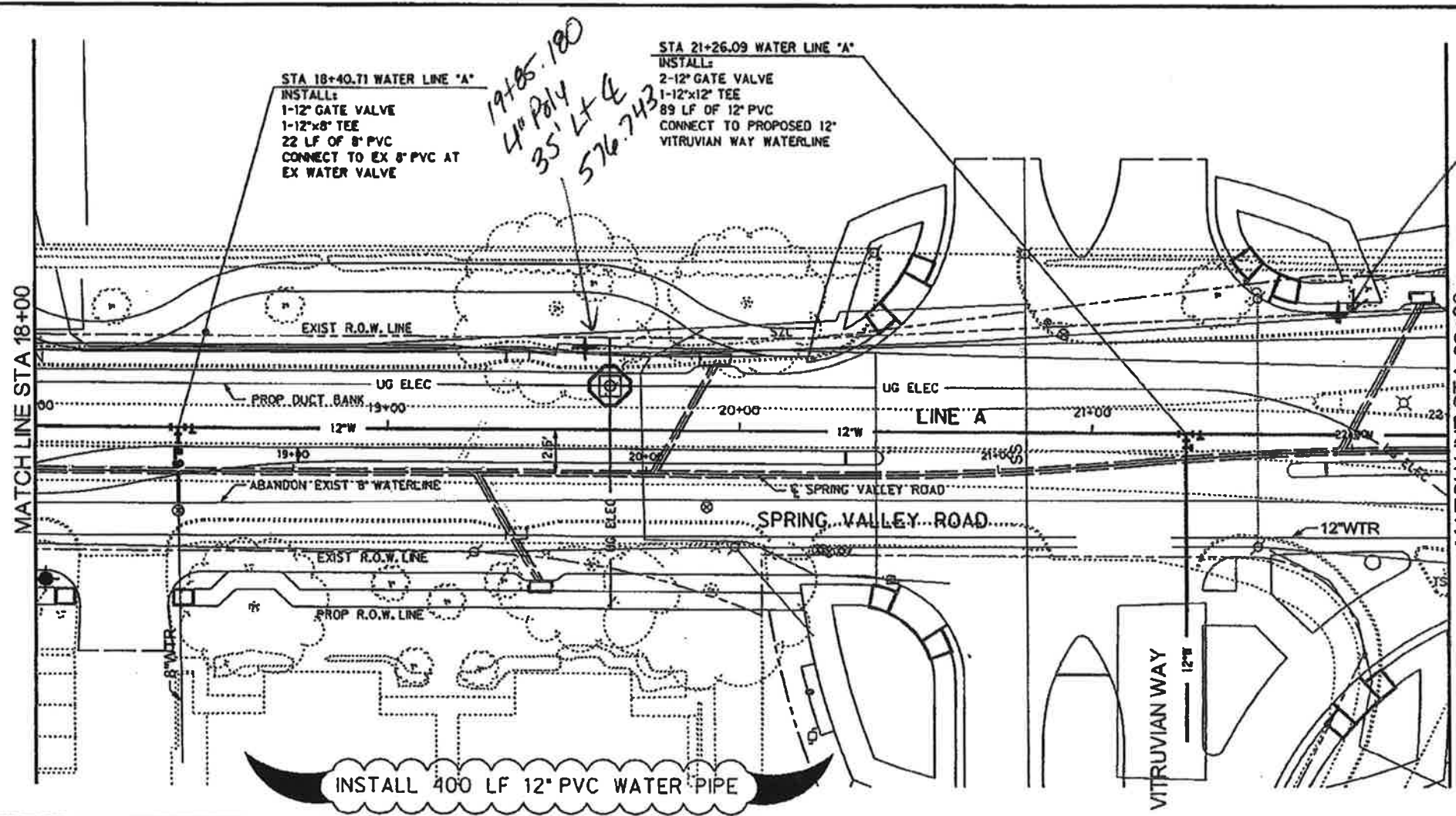
OFFICE: RCH

PROJECT: 27530

FILE: 27530 UWTR 03.dwg

TIME: 3:11:40 PM

DATE: 8/11/2010



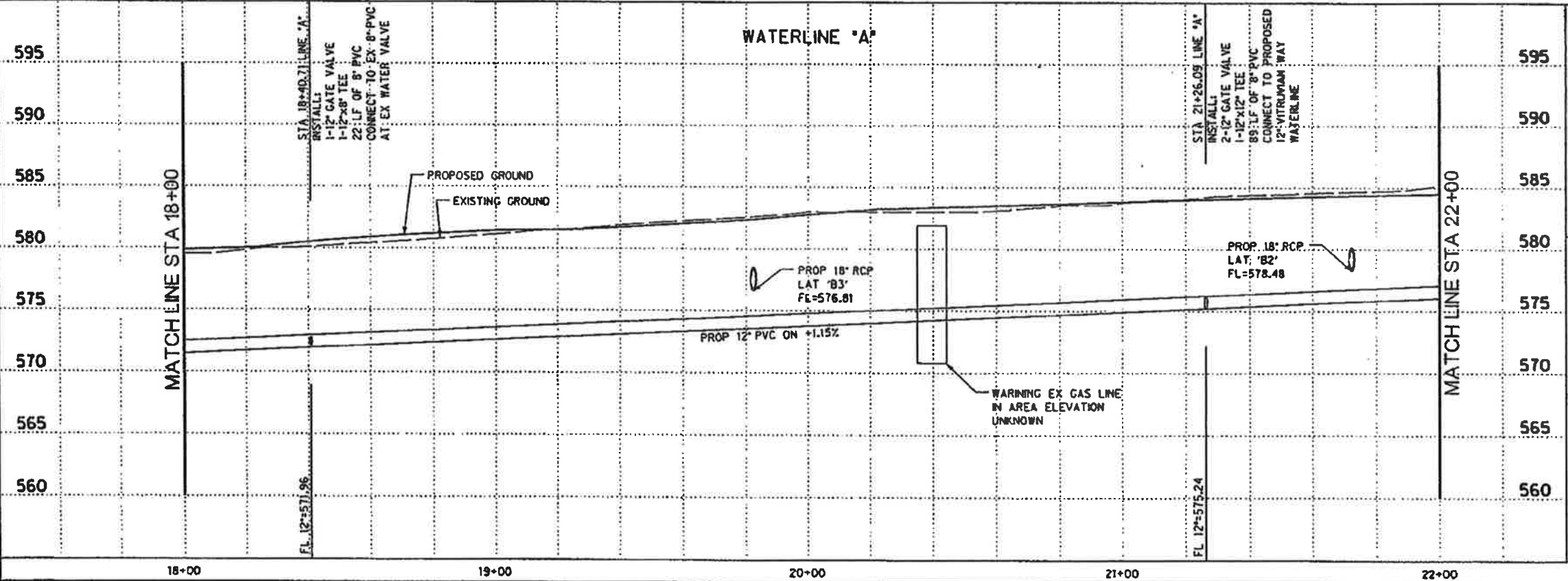
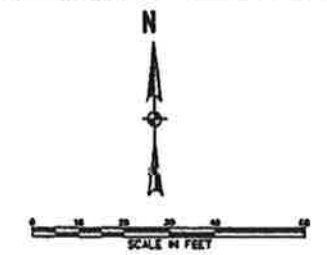
STA 18+40.71 WATER LINE 'A'
 INSTALL:
 1-12" GATE VALVE
 1-12"x8" TEE
 22 LF OF 8" PVC
 CONNECT TO EX 8" PVC AT
 EX WATER VALVE

*19+85.180
 4" Poly
 35' Lt &
 576.743*

STA 21+26.09 WATER LINE 'A'
 INSTALL:
 2-12" GATE VALVE
 1-12"x12" TEE
 89 LF OF 12" PVC
 CONNECT TO PROPOSED 12"
 VITRUVIAN WAY WATERLINE

*21+99.200
 4" Poly
 38' Lt &
 580.513*

INSTALL 400 LF 12" PVC WATER PIPE



HALFF ASSOCIATES, INC.
 ENGINEERS - SURVEYORS - SCIENTISTS
 PRELIMINARY - FOR INTERM REVIEW ONLY

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

M.E. ROMANOWSKI 56306 AUGUST 2010
 PEF DATE

| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| | | | |

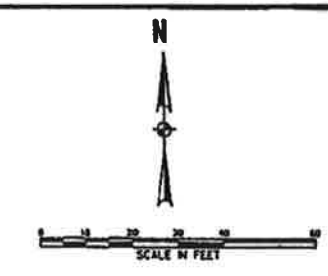
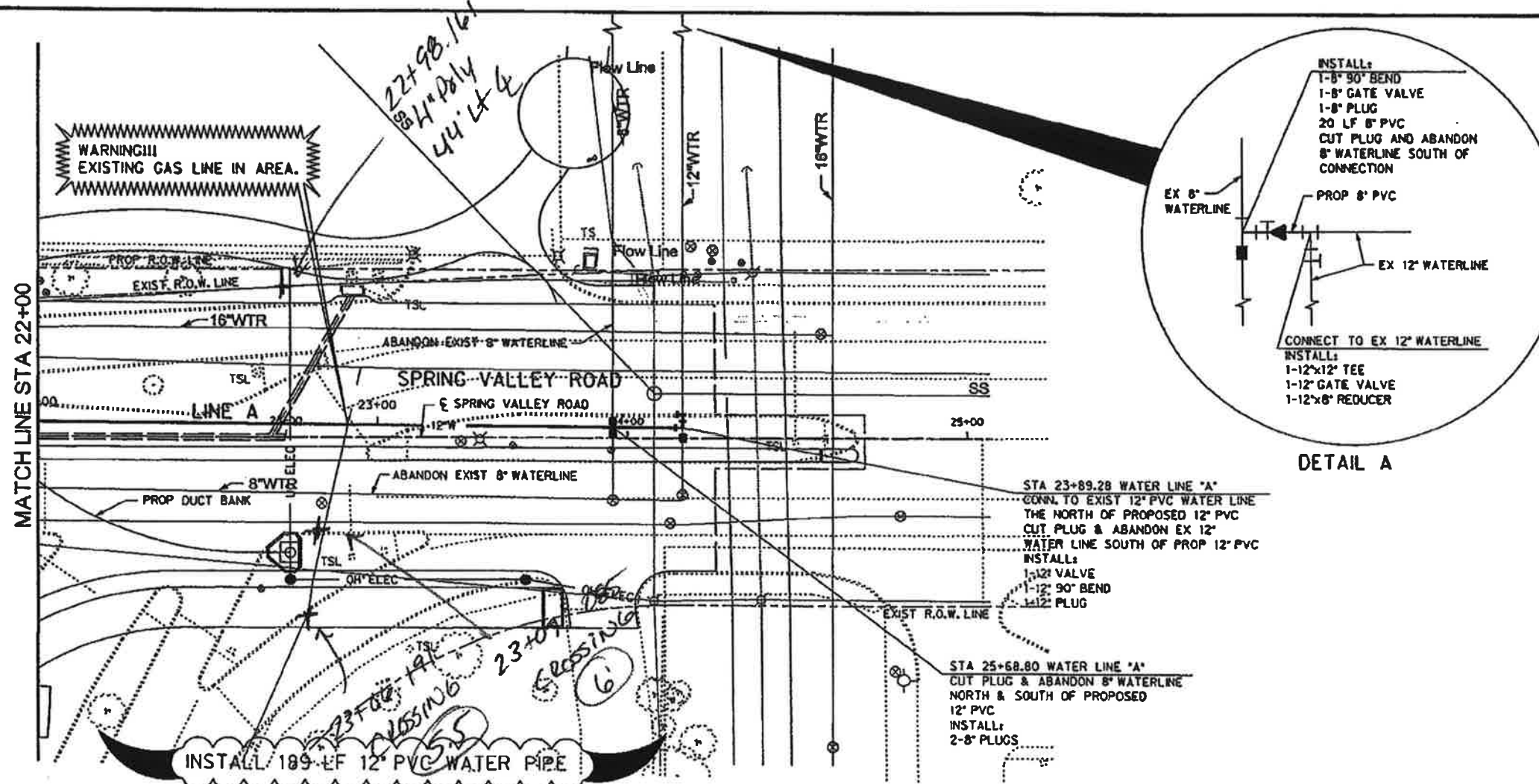
Adrian TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

SPRING VALLEY ROAD

WATER PLAN AND PROFILE
 STA 18+00 TO 22+00

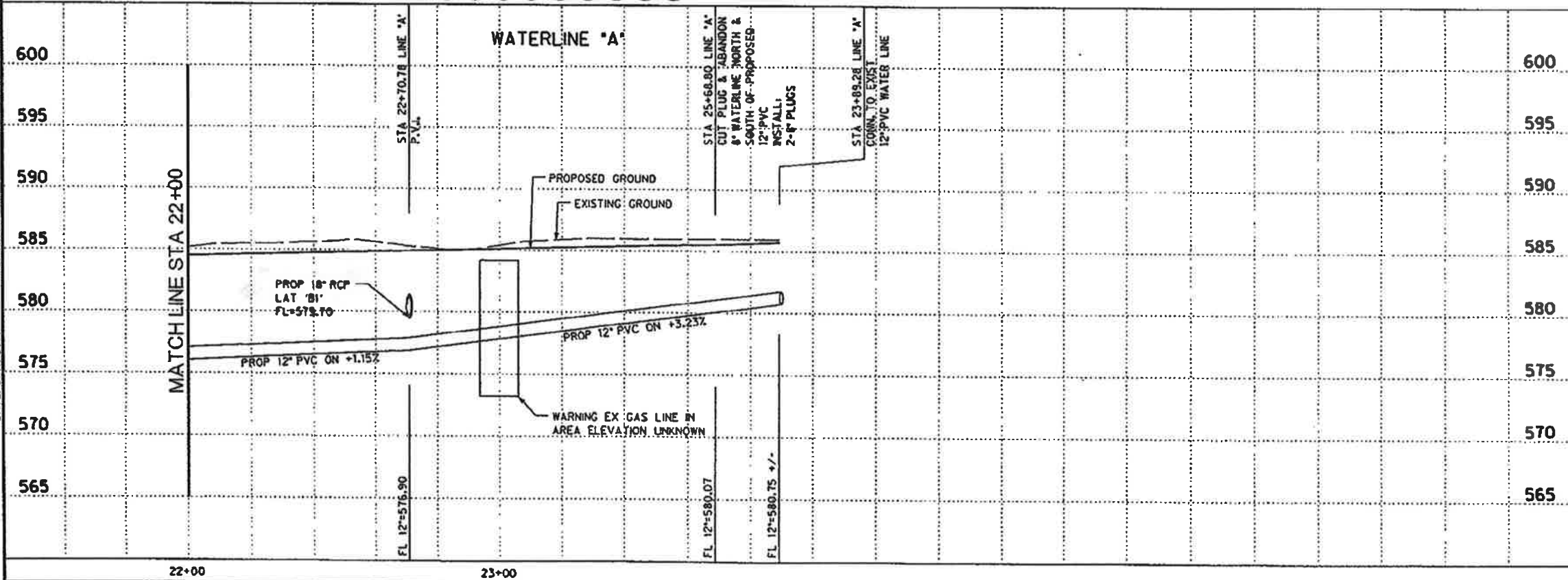
HALFF 1301 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2276
 TEL (972) 544-6200 FAX (972) 789-0086

| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
|---------|--------|-------|-------------|---------------|-------|
| 27530 | XXX | XXX | AUGUST 2010 | 27530 UWTR 03 | WTR-3 |



DETAIL A

INSTALL 189 LF 12" PVC WATER PIPE



HALFF ASSOCIATES, INC.
 ENGINEERS - SURVEYORS - SCIENTISTS
 PRELIMINARY - FOR INTERIM REVIEW ONLY

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

M.E. ROMANOWSKI PE 56808 AUGUST 2010
 P.E. Data

| | | | |
|---|--------|-------|-------------|
| REVISION | | BY | DATE |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD | | | |
| WATER PLAN AND PROFILE STA 22+00 TO 23+99.28 | | | |
| 1001 NORTH DOWNSIDE ROAD, FROEDSBERG, TEXAS 75861-4875 TEL: (214) 346-6399 FAX: (214) 738-0066 | | | |
| PROJECT | DESIGN | DRAWN | DATE |
| 27530 | XXX | KXX | AUGUST 2010 |
| FILE | SHEET | | |
| 27530 UNTR 04 | WTR-4 | | |

USER: oh1299

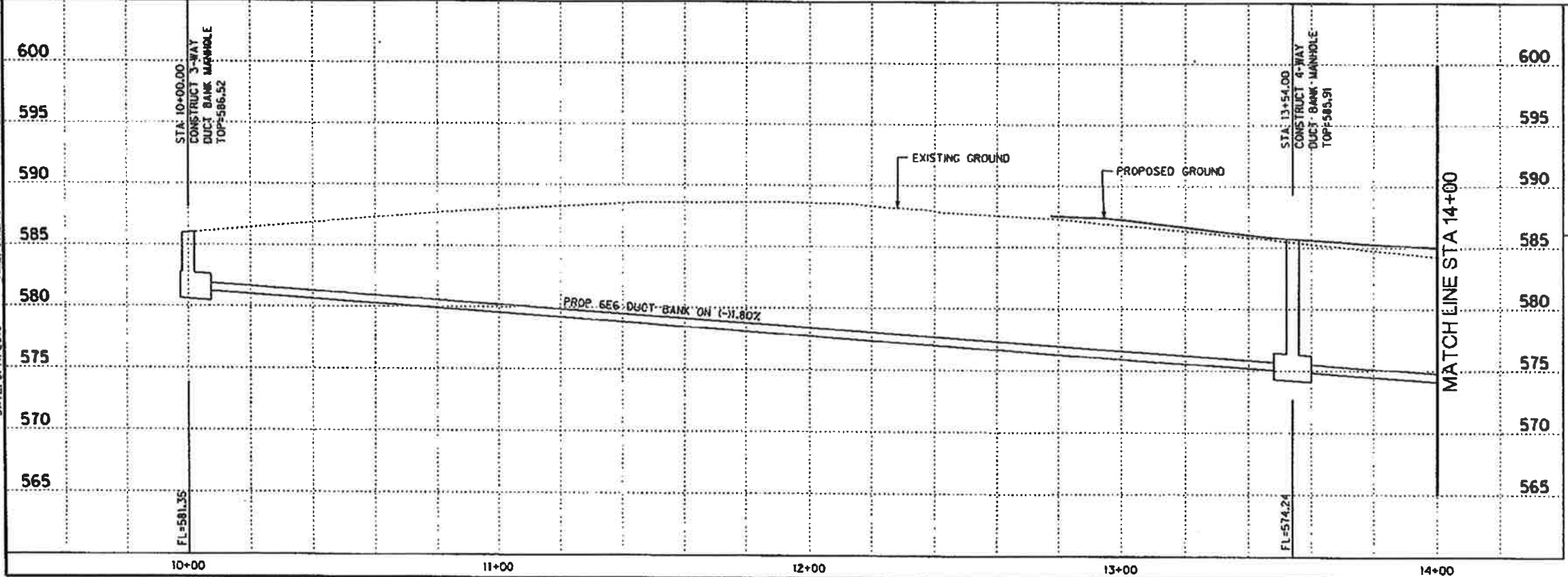
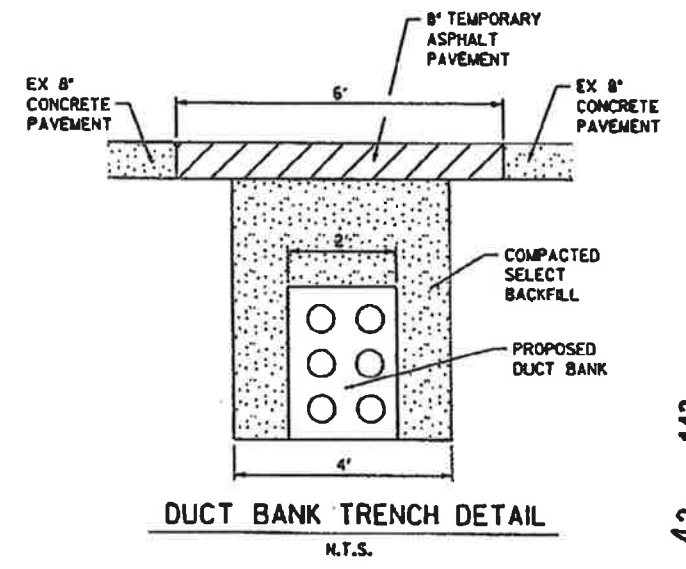
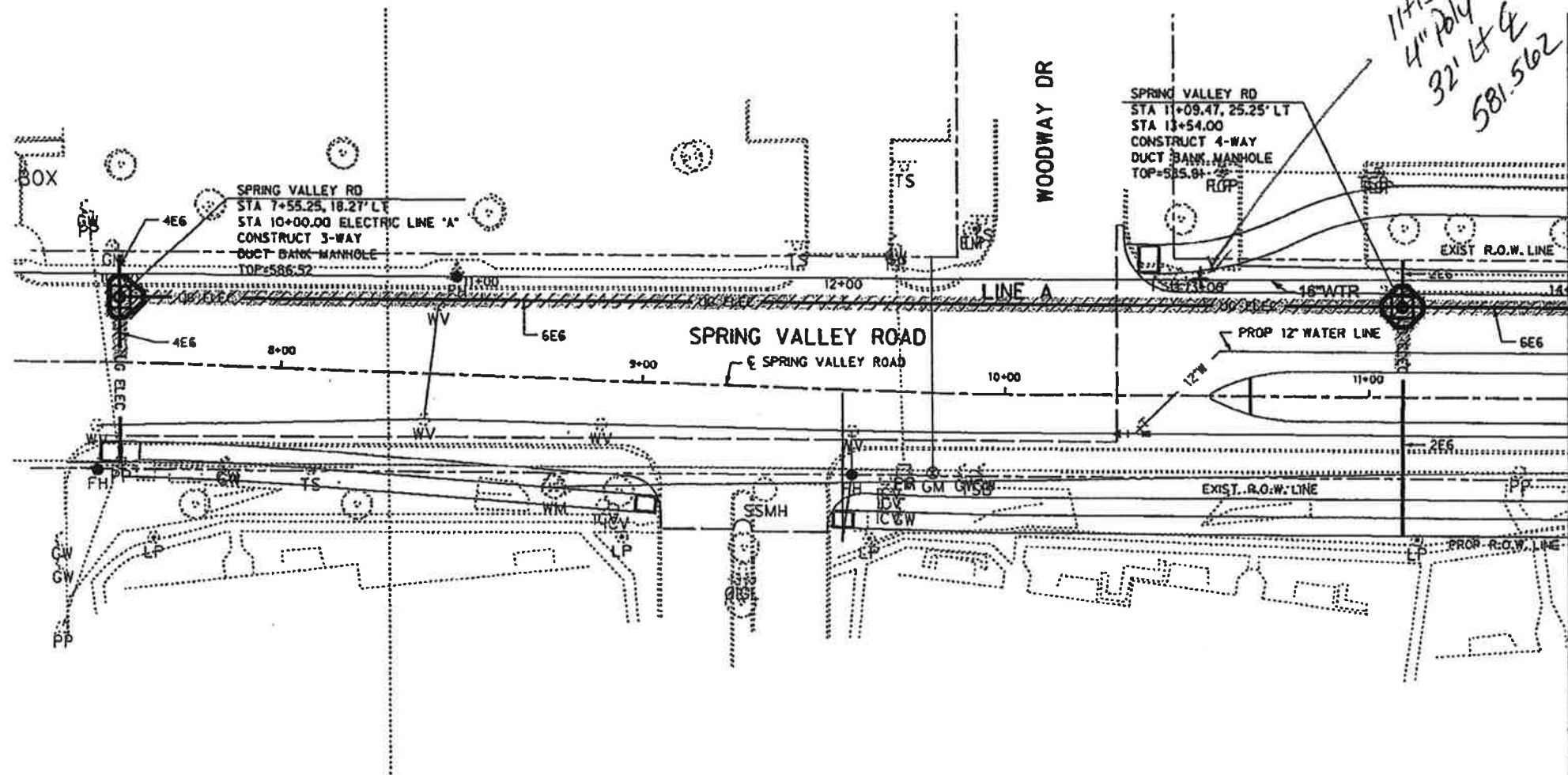
OFFICE: RCH

PROJECT: 27530

FILE: 27530 UELE 01.dgn

TIME: 3:12:40 PM

DATE: 8/11/2010



HALFF ASSOCIATES, INC.
ENGINEERS - SURVEYORS - SCIENTISTS
PRELIMINARY - FOR INTERM REVIEW ONLY

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

M.E. ROMANOWSKI 56308 AUGUST 2010
PEF URS

| NO. | REVISION | BY | DATE | | |
|---|----------|-------|-------------|---------------|-------|
| | | | | | |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD DUCT BANK PLAN AND PROFILE STA 10+00 TO 14+00 HALFF 1801 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-3275 TEL. (214) 345-8800 FAX (214) 726-0280 | | | | | |
| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
| 27530 | XXX | XXX | AUGUST 2010 | 27530 UELE 01 | ELE-1 |

USER: on1299

OFFICE: RCH

PROJECT #: 27530

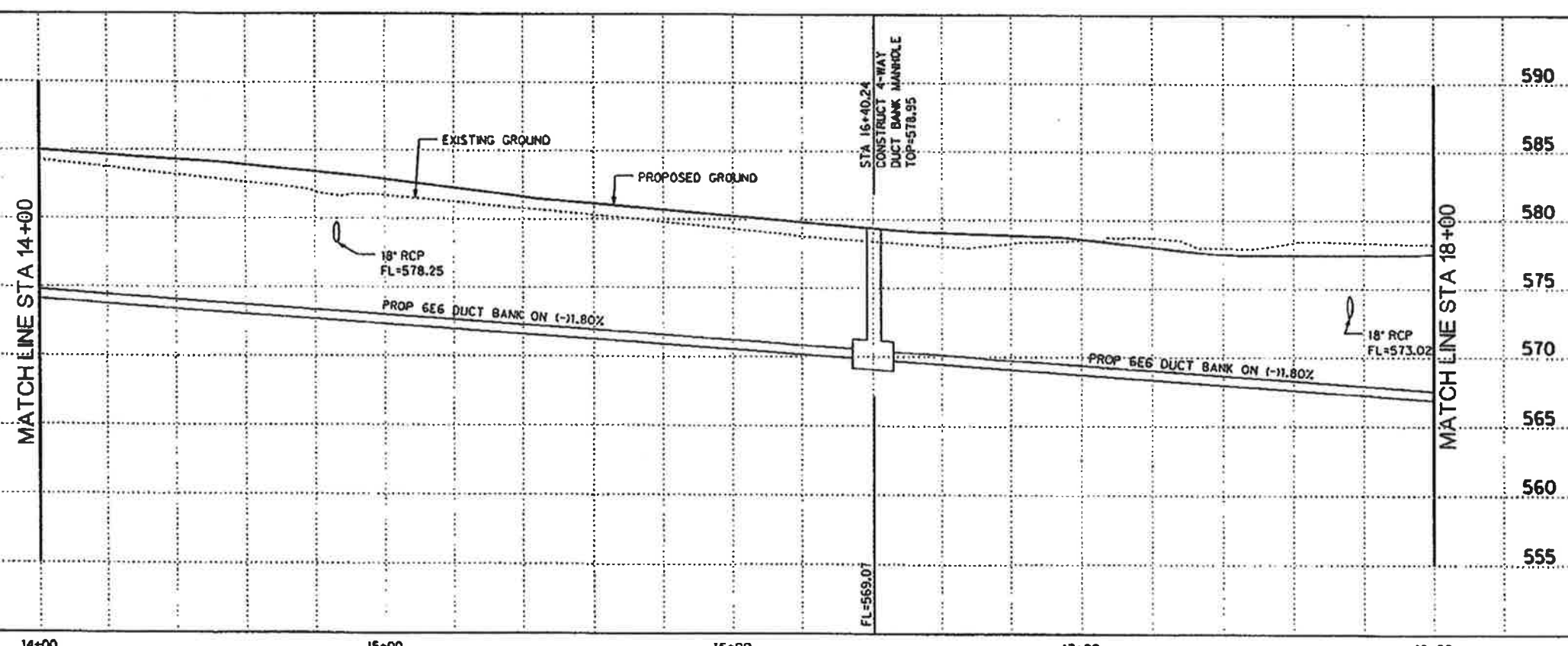
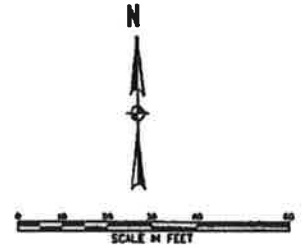
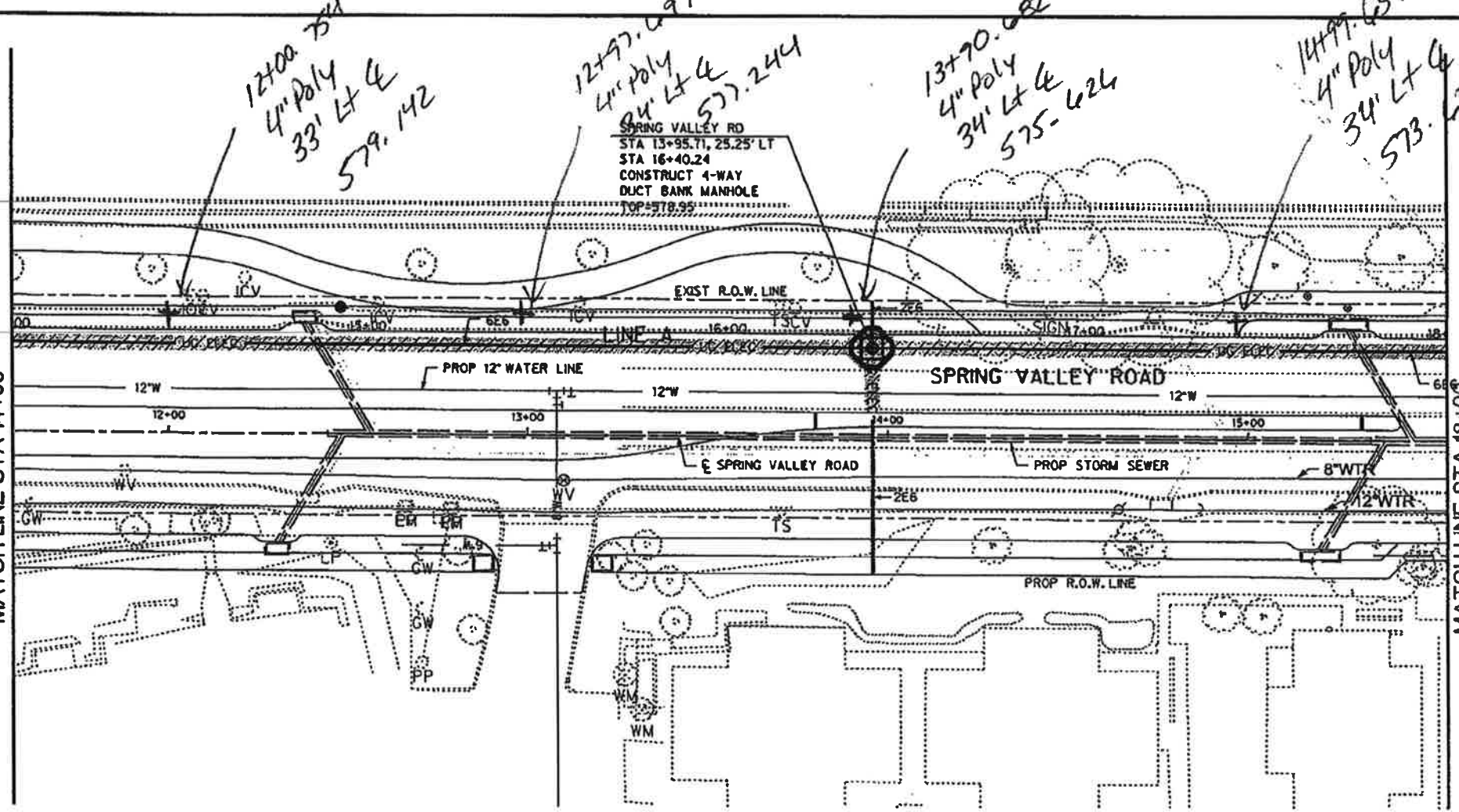
FILE: 27530 UELE 02.dgn

TIME: 3:12:51 PM

DATE: 8/11/2010

MATCH LINE STA 14+00

MATCH LINE STA 18+00



HALFF ASSOCIATES, INC.
ENGINEERS - SURVEYORS - SCIENTISTS
PRELIMINARY - FOR INTERIM REVIEW ONLY

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

M.E. ROMANOWSKI
56306 AUGUST 2010
PE# DRA

| NO. | REVISION | BY | DATE | | |
|---|----------|-------|-------------|---------------|-------|
| | | | | | |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD | | | | | |
| DUCT BANK PLAN AND PROFILE STA 14+00 TO 18+00 | | | | | |
| HALFF <small>1301 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-2072 TEL: (972) 944-8200 FAX: (972) 728-0200</small> | | | | | |
| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
| 27530 | XXX | XXX | AUGUST 2010 | 27530 UELE 02 | ELE-2 |

USER: oh1299

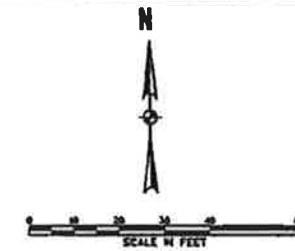
OFFICE: RCH

PROJECT: 27530

FILE: 27530 UELE 03.dgn

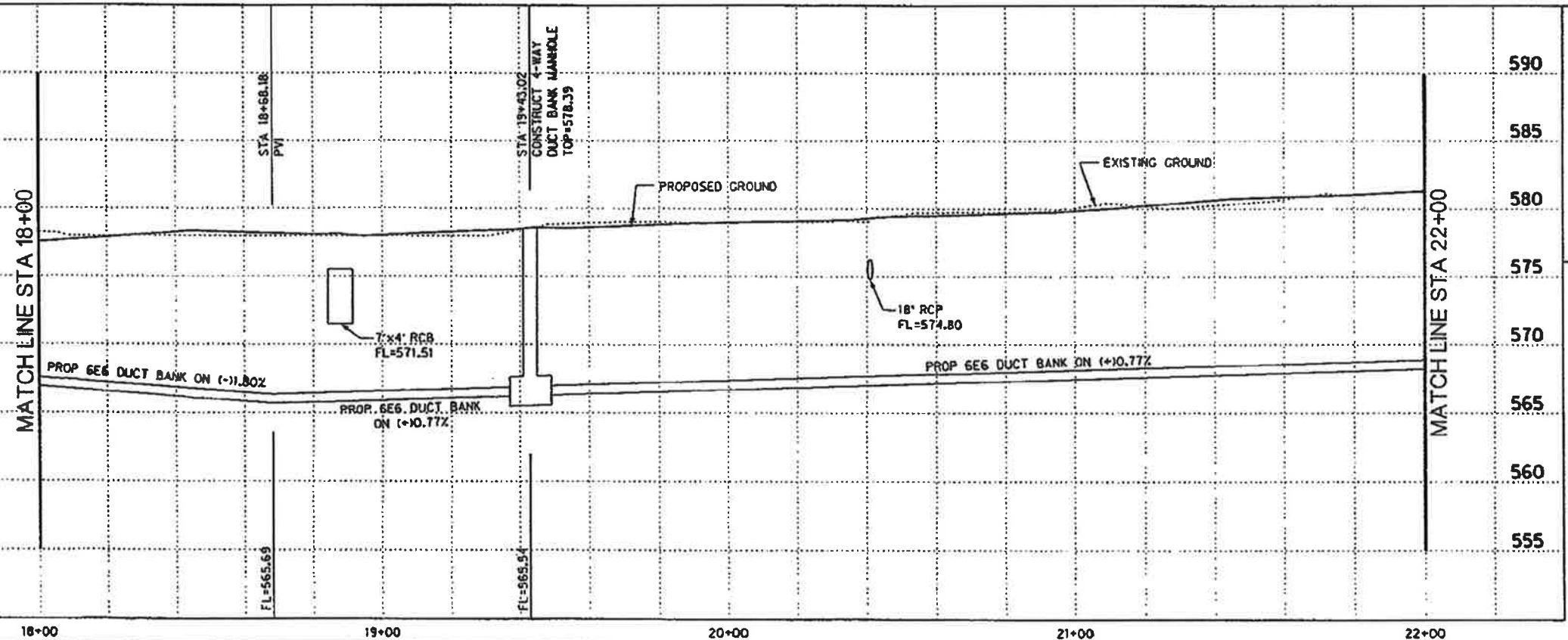
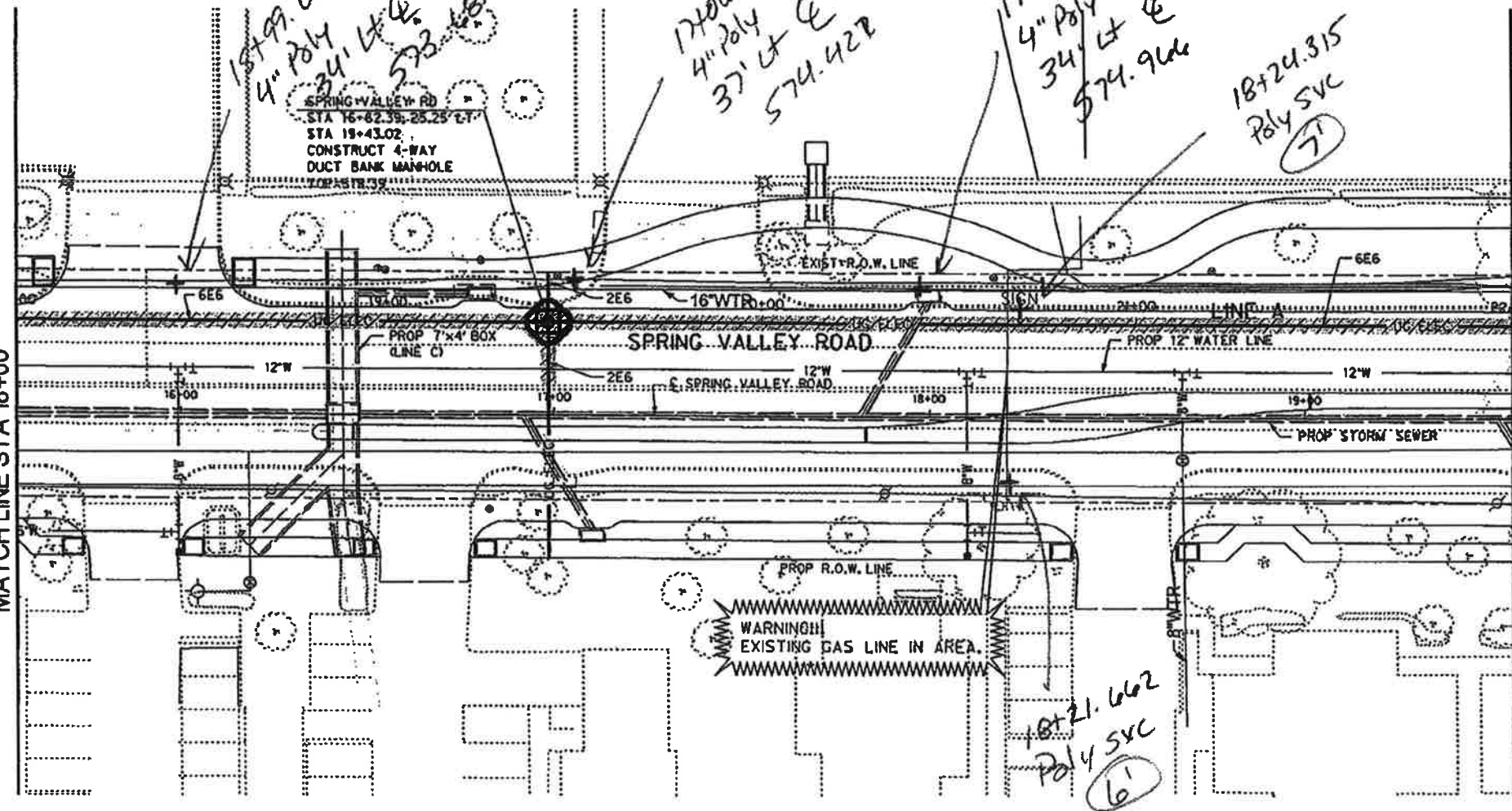
TIME: 3:13:02 PM

DATE: 8/11/2010



MATCH LINE STA 18+00

MATCH LINE STA 22+00



HALFF ASSOCIATES, INC.
 ENGINEERS - SURVEYORS - SCIENTISTS
 PRELIMINARY - FOR INTERM REVIEW ONLY

These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:

M.E. ROMANOWSKI 56306 AUGUST 2010
 PEW DGB

| | | | |
|---|----------|-------|-------------|
| NO. | REVISION | BY | DATE |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD DUCT BANK PLAN AND PROFILE STA 18+00 TO 22+00 | | | |
| <small>1501 NORTH BOWSER ROAD, RICHARDSON, TEXAS 75081-8875 TEL: (972) 340-8888 FAX: (972) 340-8888</small> | | | |
| PROJECT | DESIGN | DRAWN | DATE |
| 27530 | XXX | XXX | AUGUST 2010 |
| FILE | SHEET | | |
| 27530 UELE 03 | ELE-3 | | |

USER: ah1293

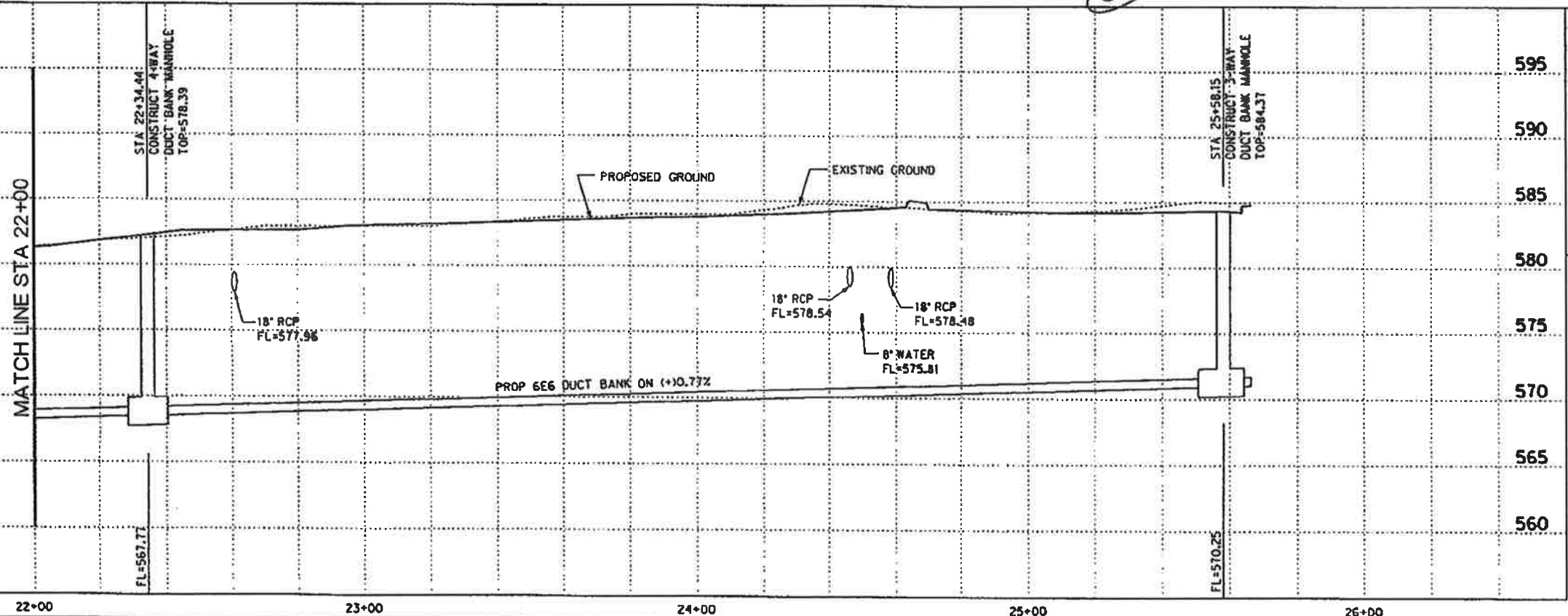
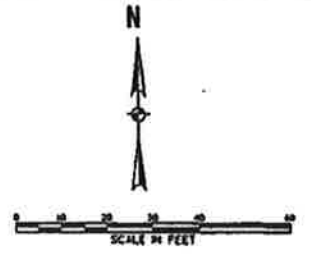
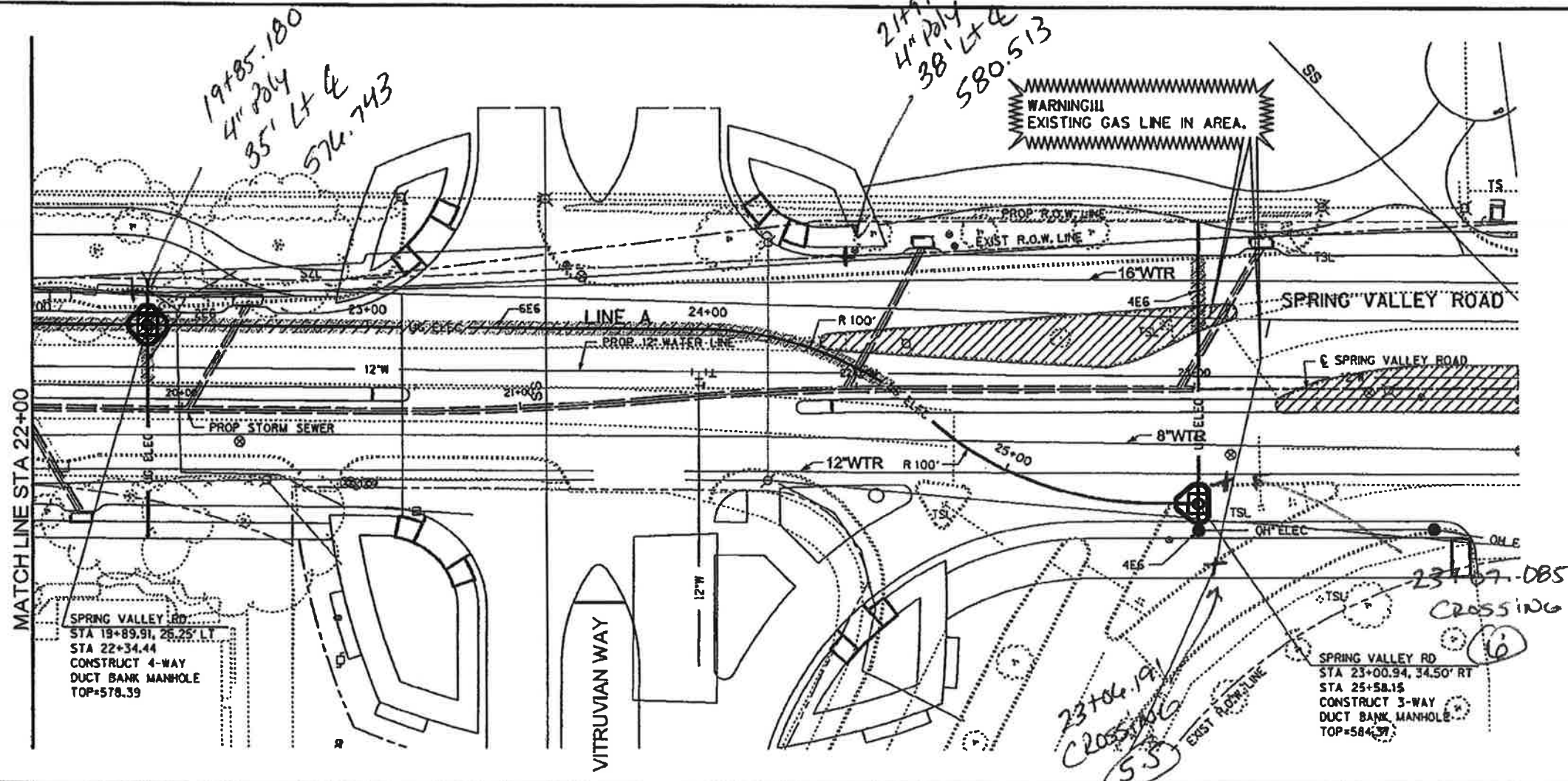
OFFICE: RCH

PROJECT: 27530

FILE: 27530 UELE 04.dgn

TIME: 3:13:14 PM

DATE: 8/11/2010



HALFF ASSOCIATES, INC.
 ENGINEERS - SURVEYORS - SCIENTISTS
 PRELIMINARY - FOR INTERIM REVIEW ONLY
 These documents are for Interim Review and not intended for Construction, Bidding, or Permit Purposes. They were prepared by, or under the supervision of:
 N.E. ROMANOWSKI P.E. 58306 AUGUST 2010 Date

| | | | |
|--|----------|-------|-------------|
| NO. | REVISION | BY | DATE |
| TOWN OF ADDISON DALLAS COUNTY, TEXAS SPRING VALLEY ROAD DUCT BANK PLAN AND PROFILE STA 22+00 TO 25+58.15 | | | |
| | | | |
| PROJECT | DESIGN | DRAWN | DATE |
| 27530 | XXX | XXX | AUGUST 2010 |
| FILE | SHEET | | |
| 27530 UELE 04 | ELE-4 | | |

SHEET 45 OF 143

PLANS FOR THE CONSTRUCTION OF PAVING, DRAINAGE & UTILITY IMPROVEMENTS VITRUVIAN WAY EXTENSION

FOR VITRUVIAN PARK PUBLIC INFRASTRUCTURE-PHASE 1E TOWN OF ADDISON, TEXAS PUBLIC WORKS # 2010-02

Addison!

JOE CHOW
MAYOR

DON DASEKE
MAYOR PRO TEMPORE

BLAKE CLEMENS
DEPUTY MAYOR PRO TEMPORE

NEIL RESNIK
ROGER MELLOW
KIMBERLY LAY
BIANCA NOBLE
COUNCIL MEMBERS

RON WHITEHEAD
CITY MANAGER

LEA DUNN
DEPUTY CITY MANAGER

NANCY CLINE, P.E.
DIRECTOR OF PUBLIC WORKS

CLAY BARNETT, P.E.
TOWN ENGINEER

CIVIL ENGINEER:

ICON CONSULTING ENGINEERS, INC.
250 W. SOUTHLAKE BLVD., SUITE 117
SOUTHLAKE, TEXAS 76092
PH: (817) 552-6210
FAX: (817) 552-3126
CONTACT: BRUCE F. DUNNE, P.E.

ELECTRICAL ENGINEER

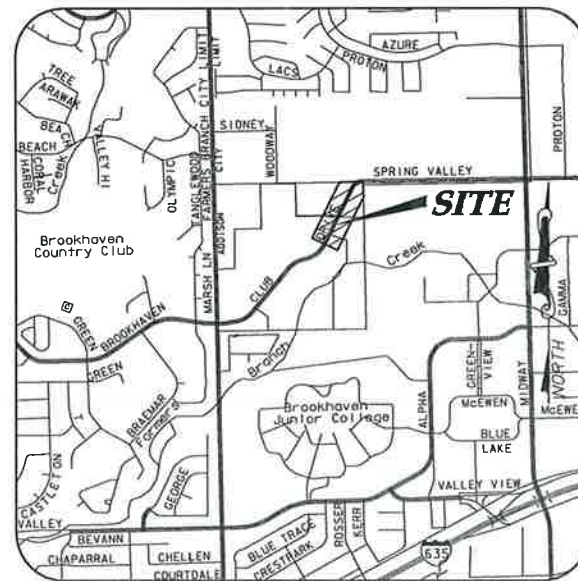
SCARBOROUGH ENGINEERING, INC.
2400 SCOTT AVENUE
FORT WORTH, TEXAS 76103
PH: (817) 451-6687
FAX: (817) 451-0476
CONTACT: JON D. SCARBOROUGH, P.E.

SURVEYOR:

KADLECK & ASSOCIATES
555 REPUBLIC DRIVE, SUITE 115
PLANO, TEXAS, 75074
PH: (972) 881-0771
FAX: (972) 509-1861
CONTACT: LYNN KADLECK, R.P.L.S.

LANDSCAPE ARCHITECT:

MESA DESIGN GROUP
1807 ROSS AVENUE, SUITE 333
PLANO, TEXAS, 75201
PH: (214) 871-4418
FAX: (214) 871-1507
CONTACT: BRAD GOODMAN, LEED, AP



VICINITY MAP

NOT TO SCALE
(MAPSCO GRID 13 & 14)

INDEX OF SHEETS

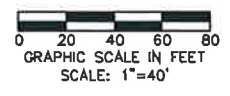
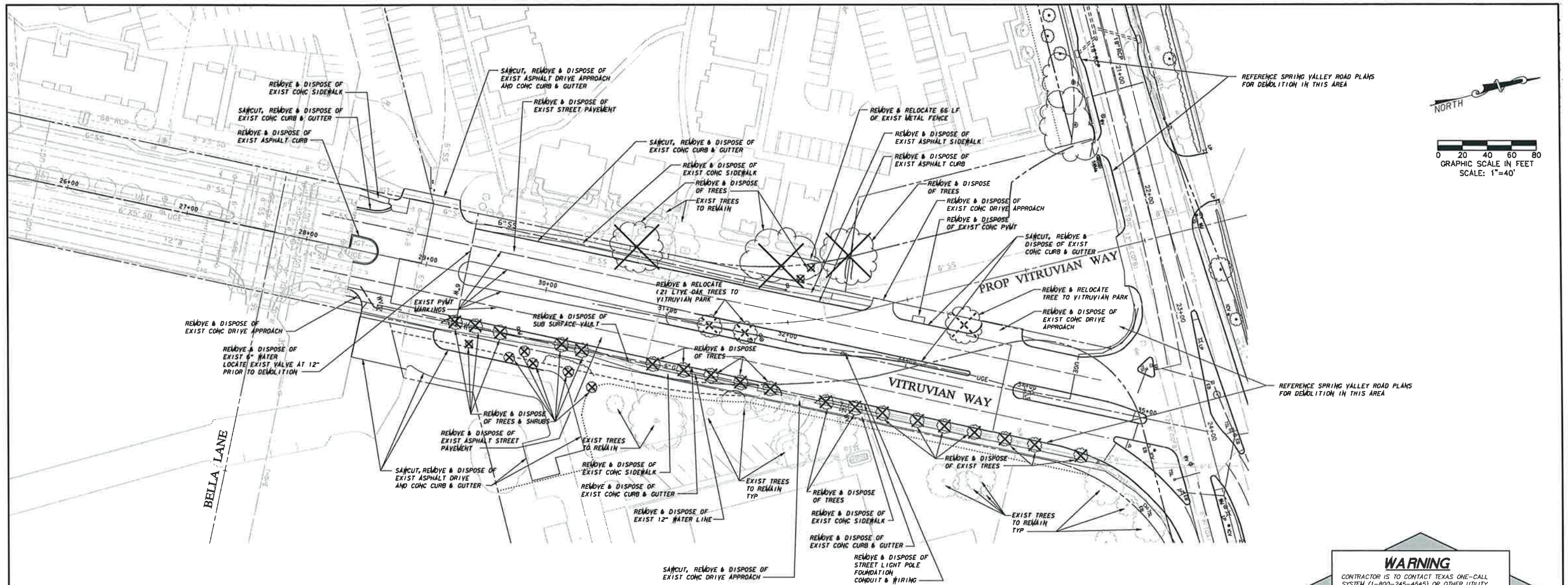
| | |
|------|--|
| CS | COVER SHEET |
| 1 | OVERALL PLAN & PROJECT CONTROL |
| 2 | GENERAL CONSTRUCTION NOTES, LEGEND & ABBREVIATIONS |
| 3 | DEMOLITION PLAN - VW |
| 4 | OVERALL PAVING LAYOUT & NOTES |
| 5 | PAVING PLAN & PROFILE - VW |
| 6 | PAVEMENT SECTIONS |
| 7 | PAVING DETAILS |
| 8 | PAVING DETAILS |
| 9 | DRAINAGE AREA MAP & CALCULATIONS |
| 10 | STORM DRAIN PLAN & PROFILE - VW |
| 11 | STORM DRAIN DETAILS |
| 12 | STORM DRAIN DETAILS & GENERAL NOTES |
| 13 | PAVEMENT MARKING & SIGNAGE PLAN - VW |
| 14 | PAVEMENT MARKING & SIGNAGE DETAILS |
| 15 | STREET LIGHT & CONDUIT PLAN - VW |
| 16 | STREET LIGHT DETAILS |
| 17 | ELECTRICAL DETAILS - CONDUIT ED(1)-03 |
| 18 | ELECTRICAL DETAILS - CONDUCTORS ED(2)-03 |
| 19 | ELECTRICAL DETAILS - GROUND BOXES ED(3)-03 |
| 20 | OVERALL WATER & SEWER LAYOUT & GENERAL NOTES |
| 21 | WATER LINE PLAN & PROFILE - VW |
| 22 | WATER LINE CROSSING PROFILES |
| 23 | WATER DETAILS |
| 24 | WATER DETAILS |
| 25 | SANITARY SEWER PLAN & PROFILE - VW |
| 26 | SANITARY SEWER DETAILS |
| 27 | OVERALL DUCT BANK LAYOUT & NOTES |
| 28 | DUCT BANK PLAN & PROFILE - VW |
| 29 | DUCT BANK CROSSING PROFILES |
| 30 | ELECTRICAL DUCT BANK DETAILS |
| 31 | EROSION & SEDIMENT CONTROL PLAN |
| 32 | EROSION & SEDIMENT CONTROL DETAILS |
| 5.01 | PLANTING LAYOUT PLAN |
| 5.02 | PLANTING DETAILS AND NOTES |
| 6.01 | IRRIGATION LAYOUT PLAN |
| 6.02 | IRRIGATION TREE LAYOUT PLAN |
| 6.03 | IRRIGATION DETAILS AND NOTES |

icon Consulting Engineers, Inc.
Civil Engineers- Designers- Planners
ENGINEERING FIRM REGISTRATION NUMBER F-9007

OCTOBER 01, 2010



ICON PROJECT #5029-01



REFERENCE SPRING VALLEY ROAD PLANS FOR DEMOLITION IN THIS AREA

WARNING

CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

BM #1 REF. ELEVATION = 559.47
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE
 112' NORTH OF VITRUVIAN WAY.

BM #2 REF. ELEVATION = 547.84
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF
 VITRUVIAN WAY AND MARSH LANE.



DEMOLITION NOTES:

1. GENERAL CONSTRUCTION NOTES: REFER TO SHEET 2 "GENERAL CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS" FOR THE GENERAL CONSTRUCTION NOTES FOR THE PROJECT.
2. INGRESS AND EGRESS: THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO THE SITE AND ADJACENT PROPERTIES AT ALL TIMES AND CONDUCT HIS OPERATIONS WITH MINIMUM INTERFERENCE TO PUBLIC OR PRIVATE ACCESSES.
3. PROTECTION OF EXISTING FACILITIES: CONTRACTOR SHALL PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS, FENCING, BRACING AND SHORING, AND SECURITY DEVICES TO PROTECT EXISTING STRUCTURES, UTILITIES, APPURTENANCES, TREES AND LANDSCAPING, AND TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES WHICH ARE NOT TO BE DEMOLISHED AND/OR REMOVED.
4. STORAGE OF MATERIALS FOR RE-USE: CONTRACTOR SHALL REMOVE AND STORE ON SITE (WHERE DESIGNATED BY THE DEVELOPER), ALL MATERIALS (SUCH AS ASPHALT AND CONCRETE PAVEMENT & SUITABLE EARTHEN MATERIAL) TO BE SALVAGED OR RE-INSTALLED LATER IN CONSTRUCTION.
5. FRANCHISE UTILITY COORDINATION: THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH ALL FRANCHISE UTILITY COMPANIES FOR THE REMOVAL AND/OR RELOCATION OF THE RESPECTIVE UTILITY LINES AND APPURTENANCES USED BY EACH UTILITY. ALL WORK ASSOCIATED WITH FRANCHISE UTILITY REMOVAL RELOCATION AND/OR MODIFICATIONS ARE TO BE PERFORMED ONLY BY THAT UTILITY PROVIDER UNLESS SPECIFICALLY NOTED OTHERWISE.
6. TREE REMOVAL: THE TREES DESIGNATED TO BE REMOVED HAVE A LARGE "X" THROUGH THE TREE SYMBOL. STOCKPILING OF TREES AFTER CUTTING/REMOVAL IS NOT ALLOWED. CONTRACTOR SHALL DISPOSE OF TREE CARCASSES IMMEDIATELY AFTER THEY ARE TAKEN DOWN.
7. SAWCUTTING OF EXISTING PAVEMENT: SAWCUTTING, WHERE INDICATED ON THE DRAWINGS FOR REMOVAL OF EXISTING PAVEMENT, SHALL BE A FULL DEPTH CUT THAT IS NEAT AND TRUE IN ALIGNMENT.
8. BACKFILLING: THE CONTRACTOR SHALL BACKFILL ALL EXCAVATED AREAS CAUSED AS A RESULT OF DEMOLITION, AND PROVIDE POSITIVE DRAINAGE TO PREVENT PONDING OF WATER.
9. REMOVAL OF MATERIALS FROM SITE: ALL MATERIALS TO BE REMOVED FROM THE SITE INCLUDING BUT NOT LIMITED TO UNSUITABLE EARTHEN MATERIAL; UTILITY PIPING; FENCING; ROCK; TRASH; REFUSE; AND OTHER DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OUTSIDE THE LIMITS OF THE PROJECT AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL WITH ALL APPLICABLE LAWS GOVERNING SPILLAGE OF DEBRIS WHILE TRANSPORTING TO A DISPOSAL SITE.
10. REPLACEMENT OF DAMAGED FACILITIES: ALL STRUCTURES, UTILITIES, PAVEMENT, SIDEWALKS, WALLS, FENCES, ETC. NOT DESIGNATED TO BE REMOVED BUT THAT ARE DAMAGED DURING CONSTRUCTION ACTIVITIES SHALL BE REPLACED TO A CONDITION AS GOOD AS OR BETTER THAN THE CONDITIONS PRIOR TO STARTING THE WORK, SOLELY AT THE EXPENSE OF THE CONTRACTOR.
11. ACCESS TO PROPERTIES: STREET AND SIDEWALK ACCESS TO ADJACENT PROPERTIES DURING THE CONSTRUCTION OF THIS PROJECT MUST BE MAINTAINED FOR EMERGING OF LOCAL TRAFFIC.

| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| | | | |

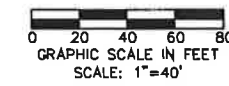
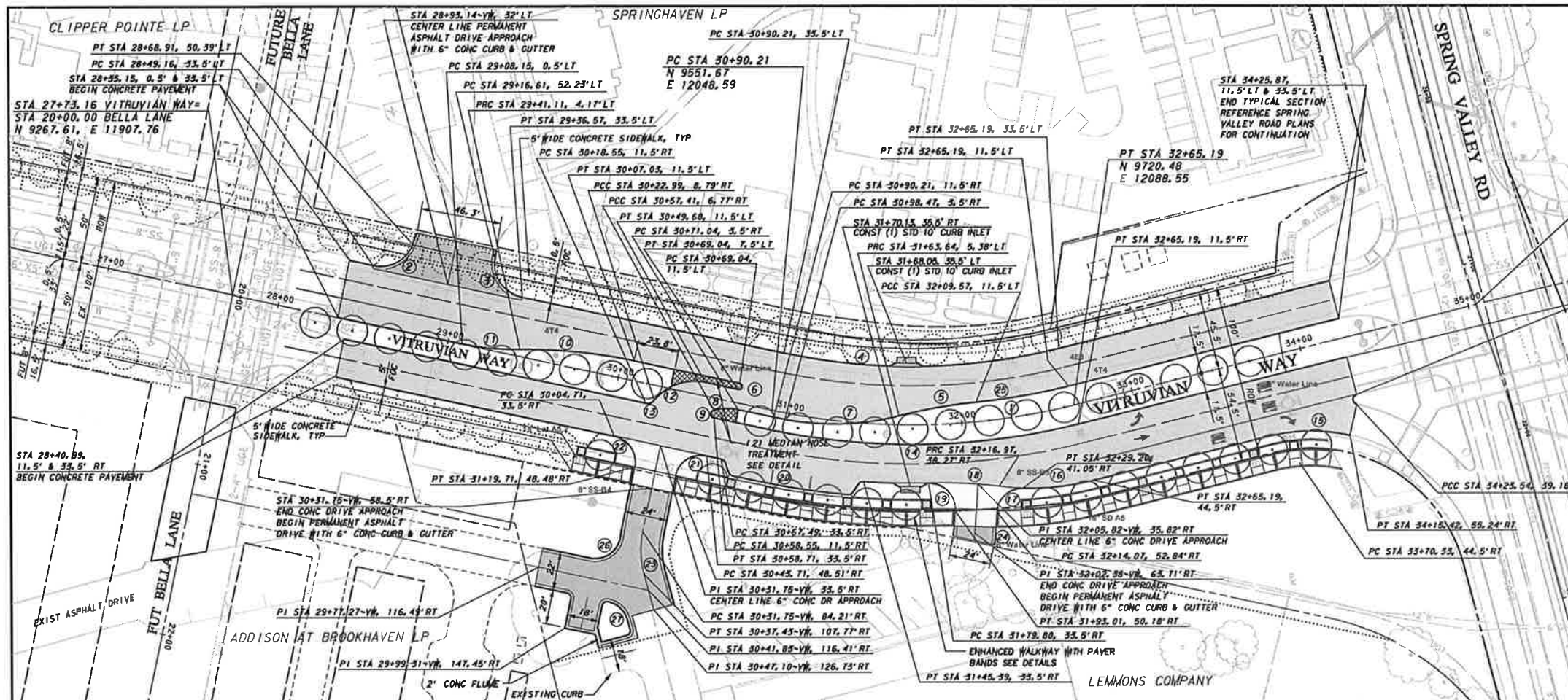
TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

PAVING, DRAINAGE & UTILITY IMPROVEMENTS
 VITRUVIAN WAY EXTENSION

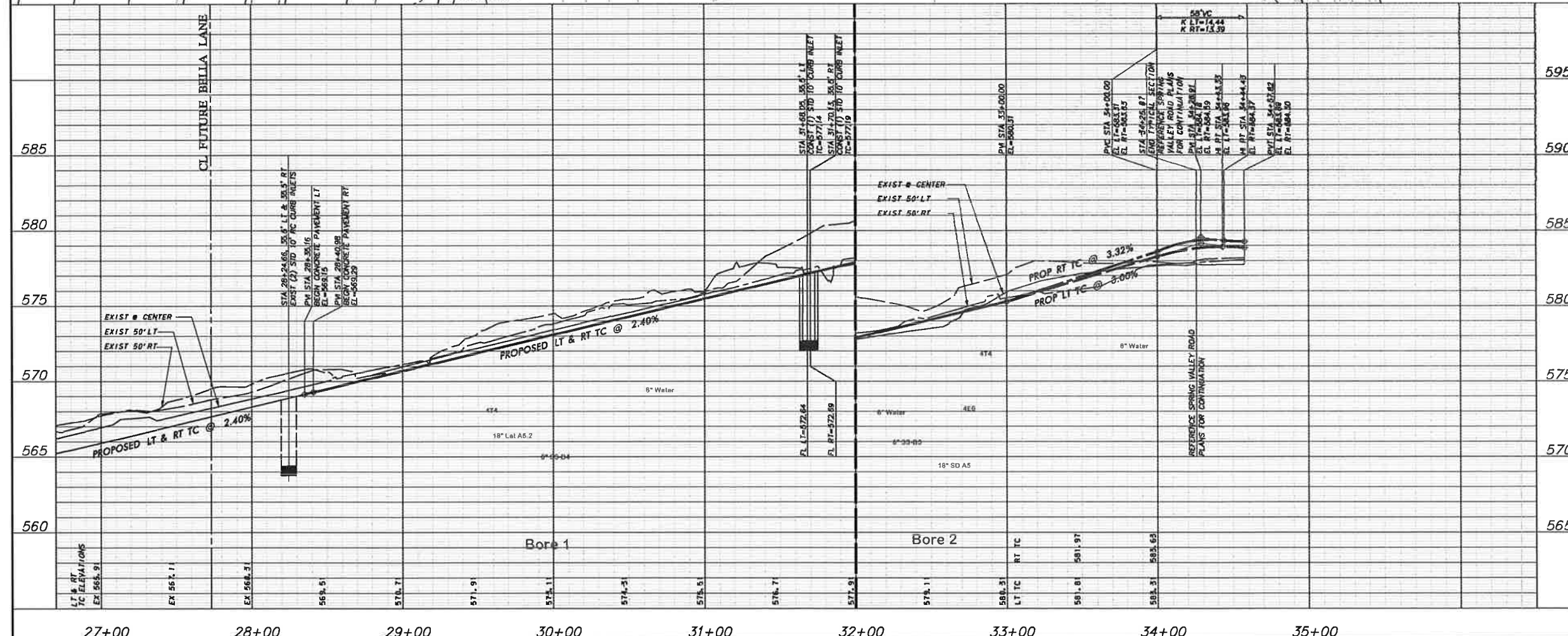
DEMOLITION PLAN - VV
 STA. 28+35.15 TO STA. 34+38.55

| icon Consulting Engineers, Inc. | | 250 W. Southlake Blvd., Suite 117 | | | |
|--|--------|------------------------------------|-------------|-------------|-------|
| Civil Engineers - Designers - Planners | | Southlake, TX 76092 (817) 552-6210 | | | |
| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
| 5029-01 | ICE | ICE | OCT 01 2010 | PW# 2010-02 | 3 |

PAVING, DRAINAGE & UTILITY IMPROVEMENTS - VITRUVIAN WAY EXTENSION



| CURVE DATA | | | |
|------------|-------------|---------|---------|
| NO | DELTA | RADIUS | LENGTH |
| 1 | 26° 06' 29" | 384.00' | 174.98' |
| 2 | 81° 01' 02" | 20.00' | 26.29' |
| 3 | 86° 21' 02" | 20.00' | 30.14' |
| 4 | 26° 06' 29" | 350.50' | 159.71' |
| 5 | 08° 39' 35" | 300.00' | 45.34' |
| 6 | 26° 22' 15" | 2.00' | 6.28' |
| 7 | 25° 14' 09" | 150.00' | 66.07' |
| 8 | 2° 00' 44" | 30.00' | 14.14' |
| 9 | 15° 59' 16" | 2.50' | 6.68' |
| 10 | 8° 33' 48" | 300.00' | 66.47' |
| 11 | 12° 41' 40" | 150.00' | 33.23' |
| 12 | 62° 47' 50" | 30.00' | 32.88' |
| 13 | 62° 47' 50" | 5.00' | 5.48' |
| 14 | 26° 06' 29" | 395.50' | 180.22' |
| 15 | 2° 13' 34" | 100.00' | 47.52' |
| 16 | 20° 38' 32" | 150.00' | 54.04' |
| 17 | 0° 06' 53" | 15.00' | 22.81' |
| 18 | 7° 49' 14" | 300.00' | 40.95' |
| 19 | 95° 26' 10" | 15.00' | 24.99' |
| 20 | 7° 05' 13" | 425.50' | 52.63' |
| 21 | 90° 04' 16" | 15.00' | 23.58' |
| 22 | 89° 55' 44" | 15.00' | 23.54' |
| 23 | 26° 57' 13" | 52.00' | 24.46' |
| 24 | 08° 40' 15" | 27.00' | 4.09' |
| 25 | 05° 17' 59" | 372.50' | 53.96' |
| 26 | 63° 02' 47" | 15.00' | 24.74' |
| 27 | 94° 30' 30" | 15.00' | 16.51' |

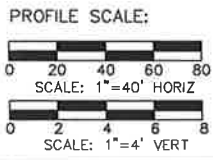


WARNING

CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

BM #1 REF. ELEVATION = 559.47
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE
 112' NORTH OF VITRUVIAN WAY.

BM #2 REF. ELEVATION = 547.84
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.



| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| | | | |

TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

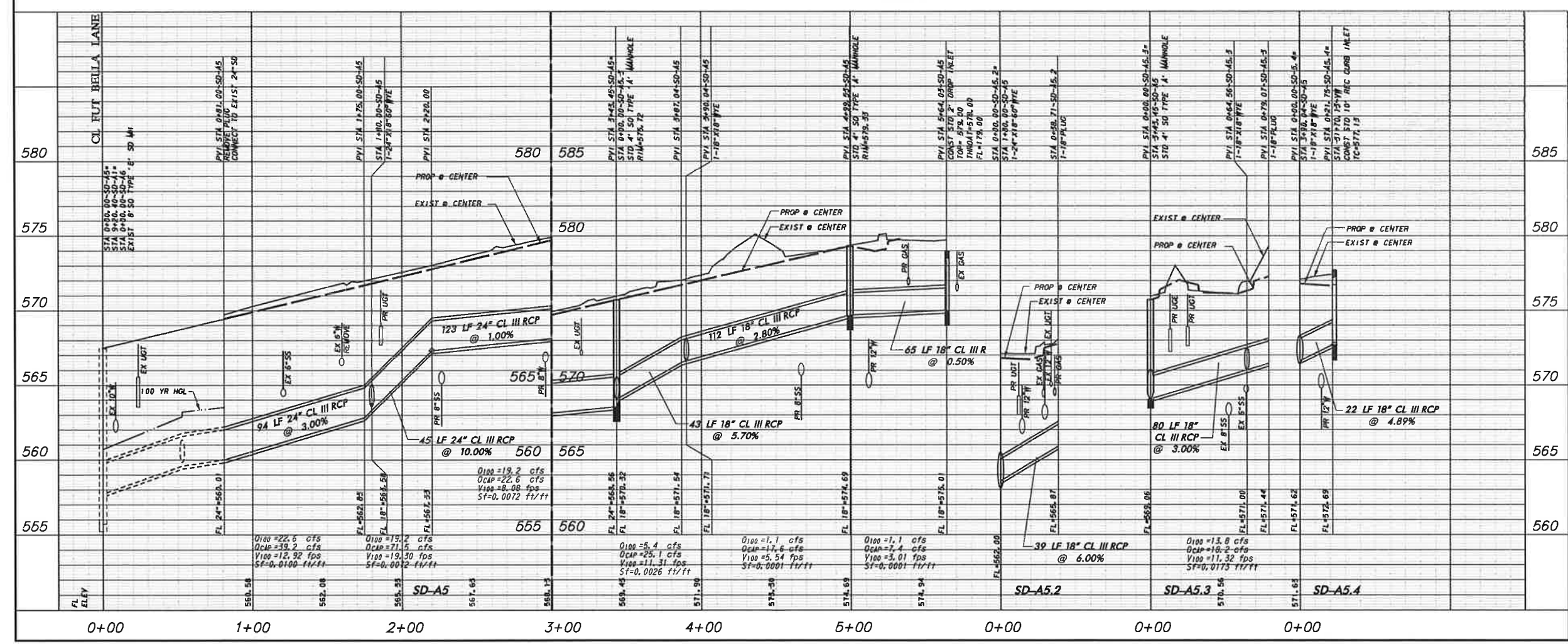
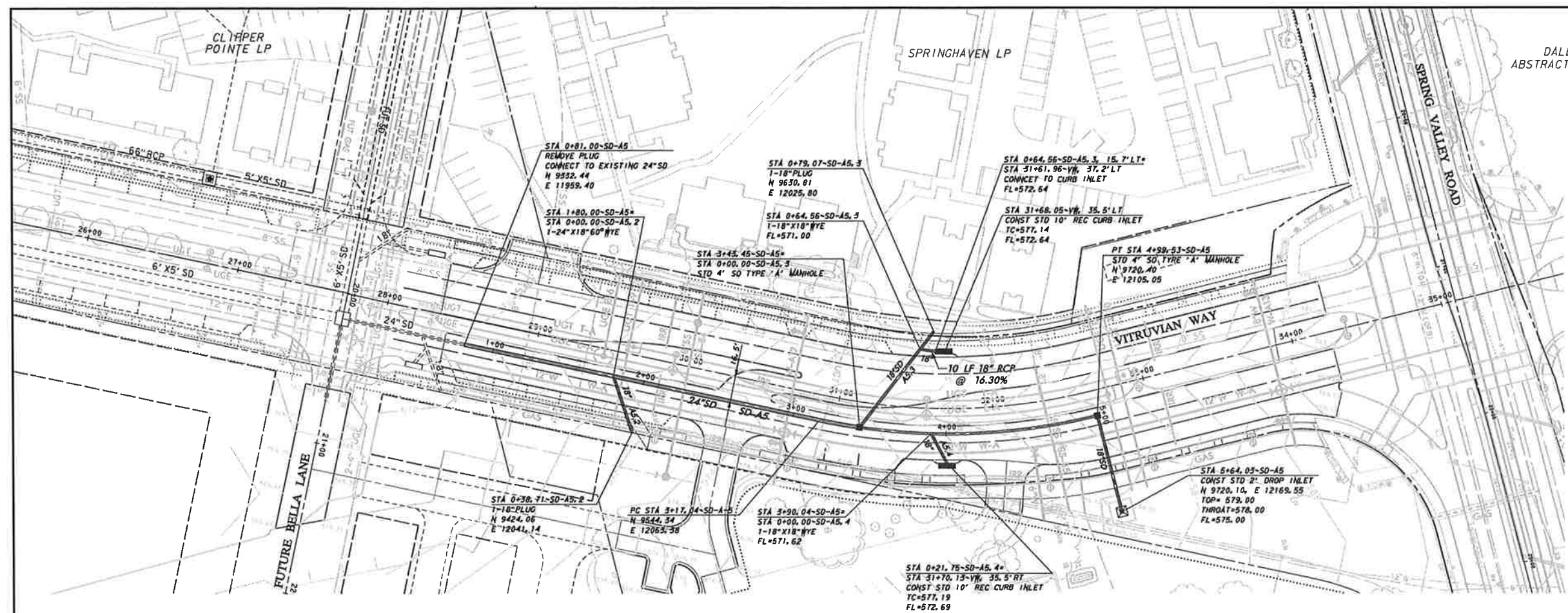
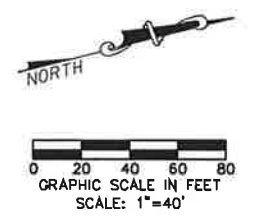
PAVING, DRAINAGE & UTILITY IMPROVEMENTS
 VITRUVIAN WAY EXTENSION

PAVING PLAN & PROFILE - VW
 STA. 28+35.15 TO 34+25.87

| | | | |
|--|--------|------------------------------------|-------------|
| icon Consulting Engineers, Inc. | | 250 W. Southlake Blvd., Suite 117 | |
| Civil Engineers - Designers - Planners | | Southlake, TX 76092 (817) 552-8210 | |
| PROJECT | DESIGN | DRAWN | DATE |
| 5029-01 | ICE | ICE | OCT 01 2010 |
| FILE | SHEET | | |
| PW# 2010-02 | 5 | | |

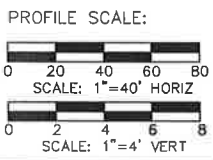
BID

PAVING, DRAINAGE & UTILITY IMPROVEMENTS - VITRUVIAN WAY EXTENSION



WARNING
 CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

BM #1 REF. ELEVATION = 559.47
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.
 BM #2 REF. ELEVATION = 547.84
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.



| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| | | | |
| | | | |
| | | | |

TOWN OF ADDISON
DALLAS COUNTY, TEXAS

PAVING, DRAINAGE & UTILITY IMPROVEMENTS
VITRUVIAN WAY EXTENSION

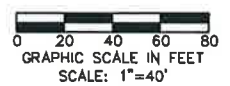
STORM DRAIN PLAN & PROFILE-VW
LINE A5 STA. 0+81.00 TO 5+14.05

icon Consulting Engineers, Inc.
Civil Engineers - Designers - Planners
250 W. Southlake Blvd., Suite 117
Southlake, TX 76092 (817) 552-8210

| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
|---------|--------|-------|-------------|-------------|-------|
| 5029-01 | ICE | ICE | OCT 01 2010 | PW# 2010-02 | 10 |

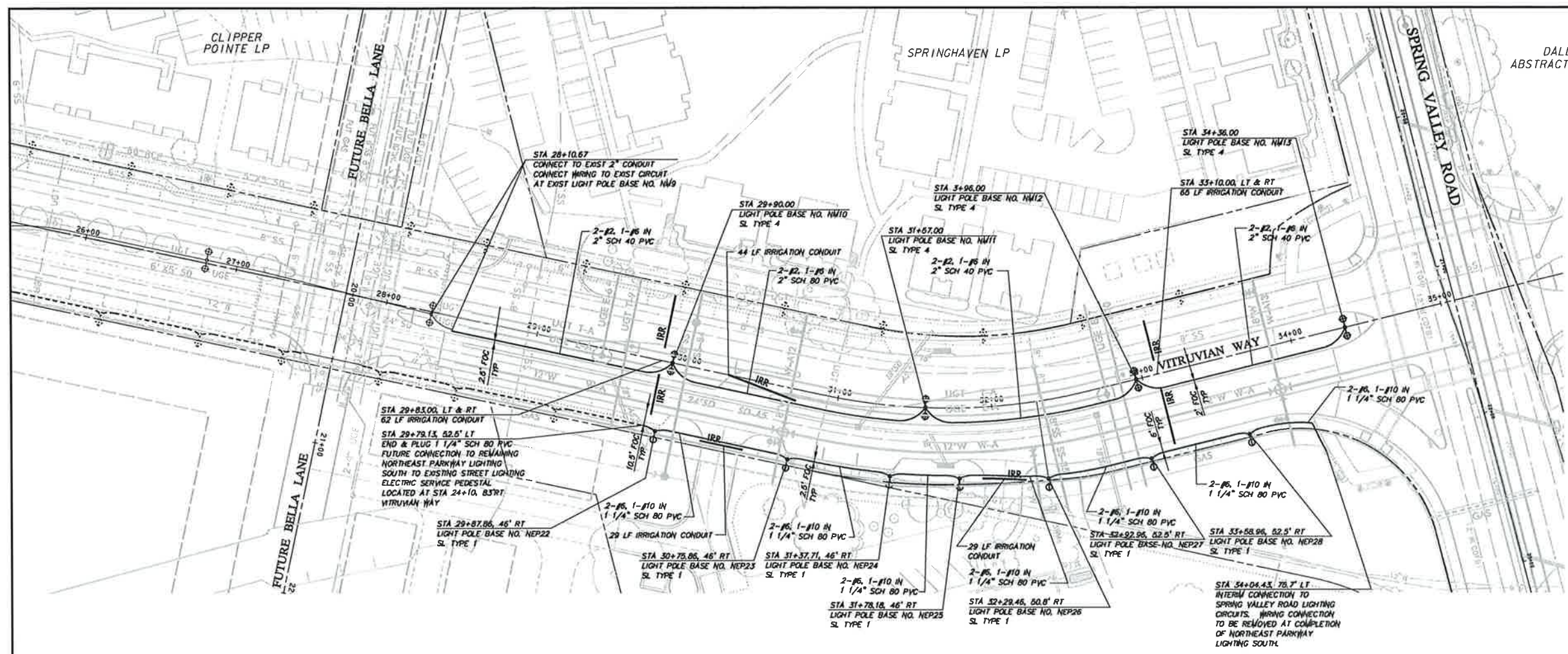
BID

PAVING, DRAINAGE, & UTILITY IMPROVEMENTS - VITRUVIAN WAY EXTENSION



LEGEND

- PULL BOX (GROUND BOX)
- PVC CONDUIT (LIGHTING)
- TRANSFORMER ON PAD
- STREET LIGHT - 400W
- STREET LIGHT - FUTURE 400W
- STREET LIGHT - 100W
- STREET LIGHT - FUTURE 100W
- * PROVIDED BY POWER COMPANY



WARNING

CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DETERMINING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

STREET LIGHTING & CONDUIT NOTES

1. REFER TO SHEET 2 "GENERAL CONSTRUCTION NOTES, LEGEND AND ABBREVIATIONS" FOR THE GENERAL CONSTRUCTION NOTES FOR THE PROJECT.
2. REFER TO SHEET ED(1)-03 FOR ELECTRIC DETAILS - CONDUIT. RIGID METAL CONDUIT ELBOWS ARE NOT REQUIRED.
3. REFER TO SHEET ED(2)-03 FOR ELECTRIC DETAILS - CONDUCTORS.
4. REFER TO SHEET ED(3)-03 FOR ELECTRIC DETAILS - GROUND BOXES. RIGID METAL CONDUIT ELBOWS ARE NOT REQUIRED. CONCRETE APRON IS NOT REQUIRED.
5. WATER, SANITARY SEWER, AND STORM DRAIN LINES ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL LOCATE ALL UTILITY LINES IN THE AREA PRIOR TO DIGGING.
6. INSTALL SCHEDULE 40 PVC UNDERGROUND (24" MIN COVER). ALL STREET AND DRIVEWAY CROSSINGS (30" MIN COVER). ALL BENDS TO LONG RADIUS.
7. ALL CONDUIT AT POLE BASES TO BE WITHIN THE DRILLED SHAFT FOUNDATION. NO EXPOSED CONDUIT AT POLE BASES WILL BE ALLOWED.
8. SL TYPE 1 - SINGLE 100W 240V MH LUMINAIRE ON 11'-8" POLE, COLOR SILVER- REFERENCE SPECIAL PROVISIONS
SL TYPE 4 - THIN 400 W 240V MH LUMINAIRE ON 30' POLE, COLOR SILVER- REFERENCE SPECIAL PROVISIONS
9. CONNECTION TO POWER COMPANY CIRCUITS TO BE MADE ONLY BY POWER COMPANY.
10. UNLESS OTHERWISE INDICATED ALL WORK SHALL CONFORM TO THE 2008 NATIONAL ELECTRICAL CODE (NFPA 70) AND THE 2007 NATIONAL ELECTRICAL SAFETY CODE (ANSI C2).
11. ALL EMPTY CONDUIT INSTALLED FOR FUTURE EXTENSION SHALL BE TURNED UP AND EXTENDED UP TO FINISHED GRADE. CAP ENDS OF ALL CONDUITS.
12. REFER TO REFERENCED SHEETS FOR STREET LIGHTING DETAILS.
13. IRRIGATION SLEEVES "IRR" SHALL CONSIST OF 1-6" SCH 40 PVC AND 1-2" SCH 40 PVC INSTALLED WITH MINIMUM 24" COVER AND EXTENDING 2' BEYOND THE BACKS OF CURB OR EDGE OF PAVEMENT AND UP TO FINISHED GRADE. CAP ENDS OF ALL CONDUITS.

BM #1 REF. ELEVATION = 559.47
SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE 1127' NORTH OF VITRUVIAN WAY.

BM #2 REF. ELEVATION = 547.84
SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.



| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| | | | |
| | | | |
| | | | |

Addison TOWN OF ADDISON
DALLAS COUNTY, TEXAS

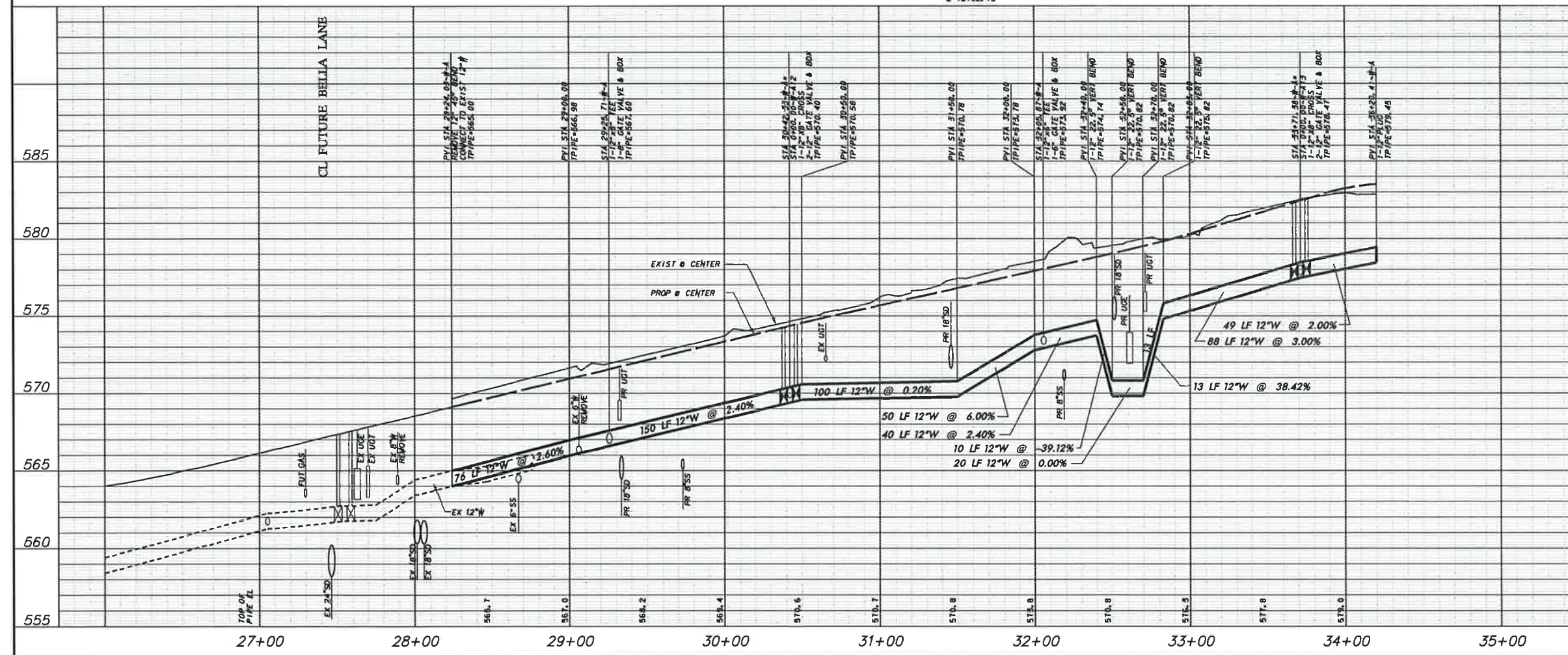
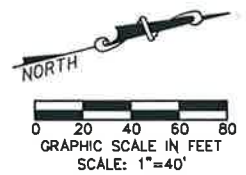
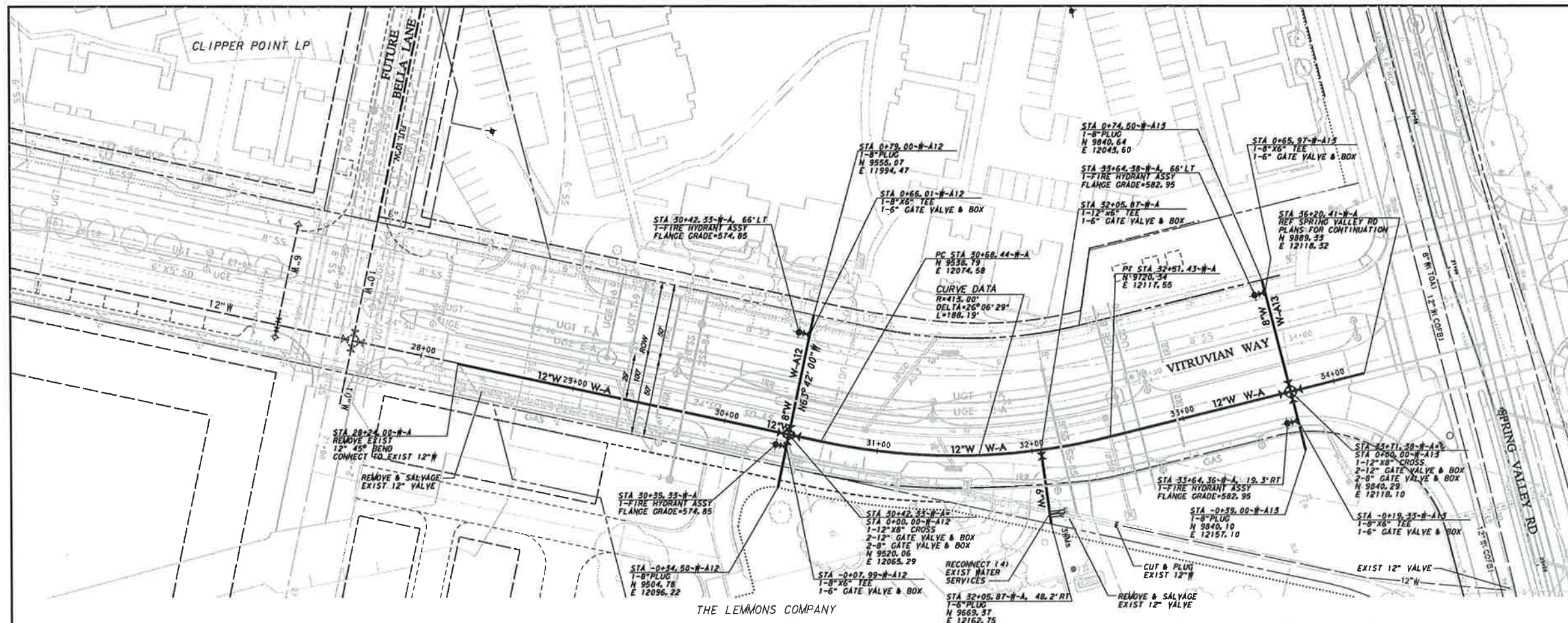
PAVING, DRAINAGE & UTILITY IMPROVEMENTS
VITRUVIAN WAY EXTENSION

STREET LIGHT & CONDUIT PLAN - VW

icon Consulting Engineers, Inc. 250 W. Southlake Blvd., Suite 117
Civil Engineers - Designers - Planners Southlake, Tx 76082 (817) 552-6210

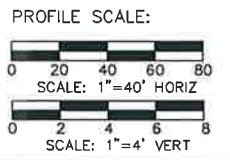
| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
|---------|--------|-------|-------------|-------------|-------|
| 5029-01 | ICE | ICE | OCT 01 2010 | PW# 2010-02 | 15 |

PAVING, DRAINAGE, & UTILITY IMPROVEMENTS - VITRUVIAN WAY EXTENSION



WARNING
 CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

BM #1 REF. ELEVATION = 559.47
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE 112' NORTH OF VITRUVIAN WAY.
 BM #2 REF. ELEVATION = 547.84
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.



| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| | | | |

TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

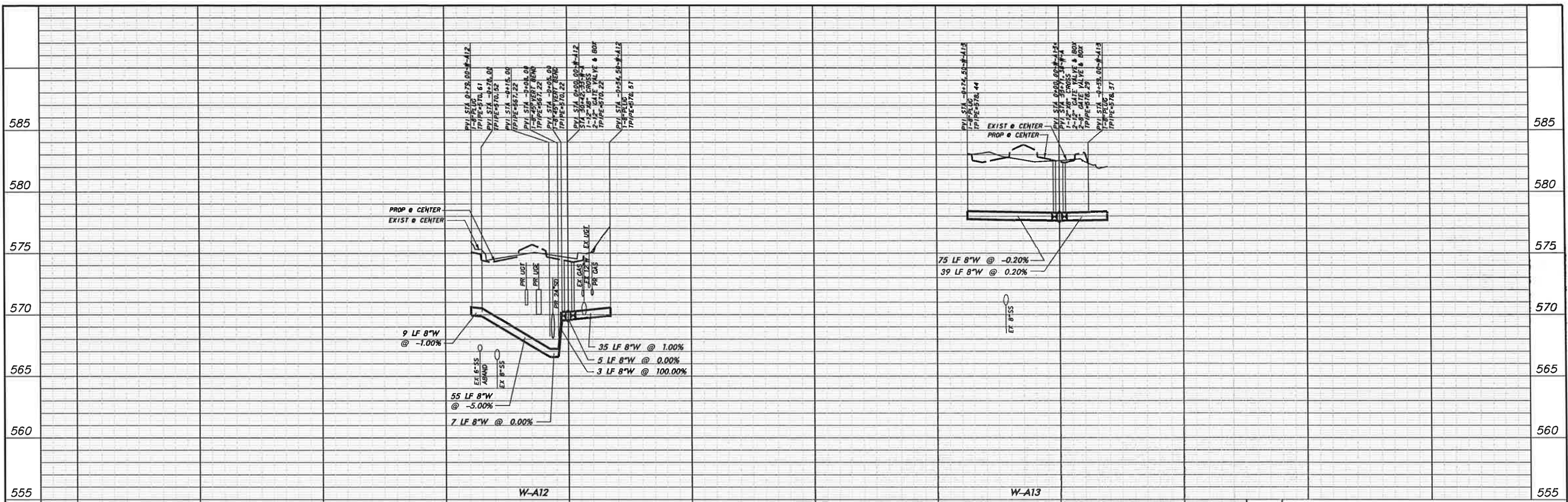
PAVING, DRAINAGE & UTILITY IMPROVEMENTS
 VITRUVIAN WAY EXTENSION

WATER LINE PLAN & PROFILE-VW
 LINE A-STA. 28+24.00 TO 34+82.99

icon Consulting Engineers, Inc.
 Civil Engineers - Designers - Planners
 250 W. Southlake Blvd., Suite 117
 Southlake, TX 76092 (817) 552-6210

| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
|---------|--------|-------|-------------|-------------|-------|
| 5029-01 | ICE | ICE | OCT 01 2010 | PW# 2010-02 | 21 |

PAVING, DRAINAGE, & UTILITY IMPROVEMENTS - VITRUVIAN WAY EXTENSION

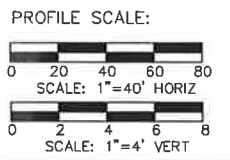


WARNING

CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

BM #1 REF. ELEVATION = 559.47
 SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE
 112' NORTH OF VITRUVIAN WAY.

BM #2 REF. ELEVATION = 547.84
 SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF
 VITRUVIAN WAY AND MARSH LANE.



| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| | | | |

TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

PAVING, DRAINAGE & UTILITY IMPROVEMENTS
 VITRUVIAN WAY EXTENSION

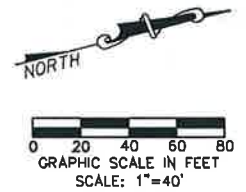
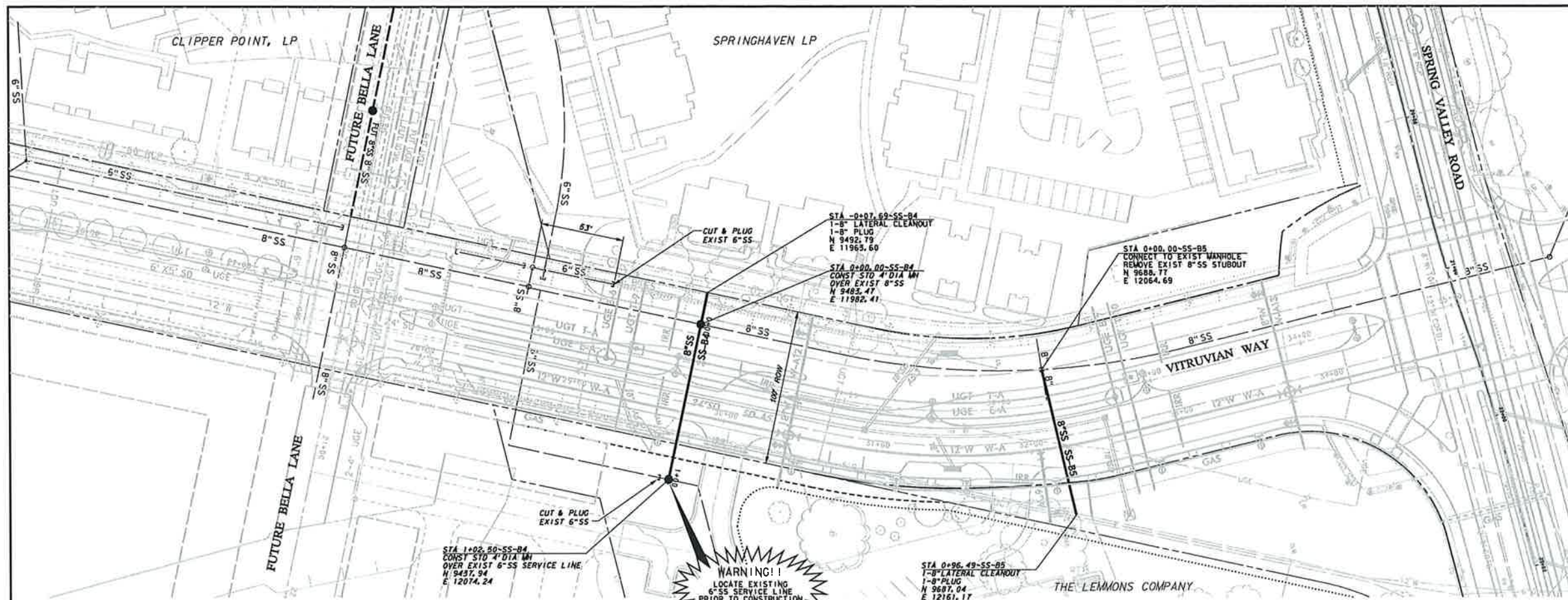
WATER LINE CROSSING PROFILES

icon Consulting Engineers, Inc.
 Civil Engineers - Designers - Planners

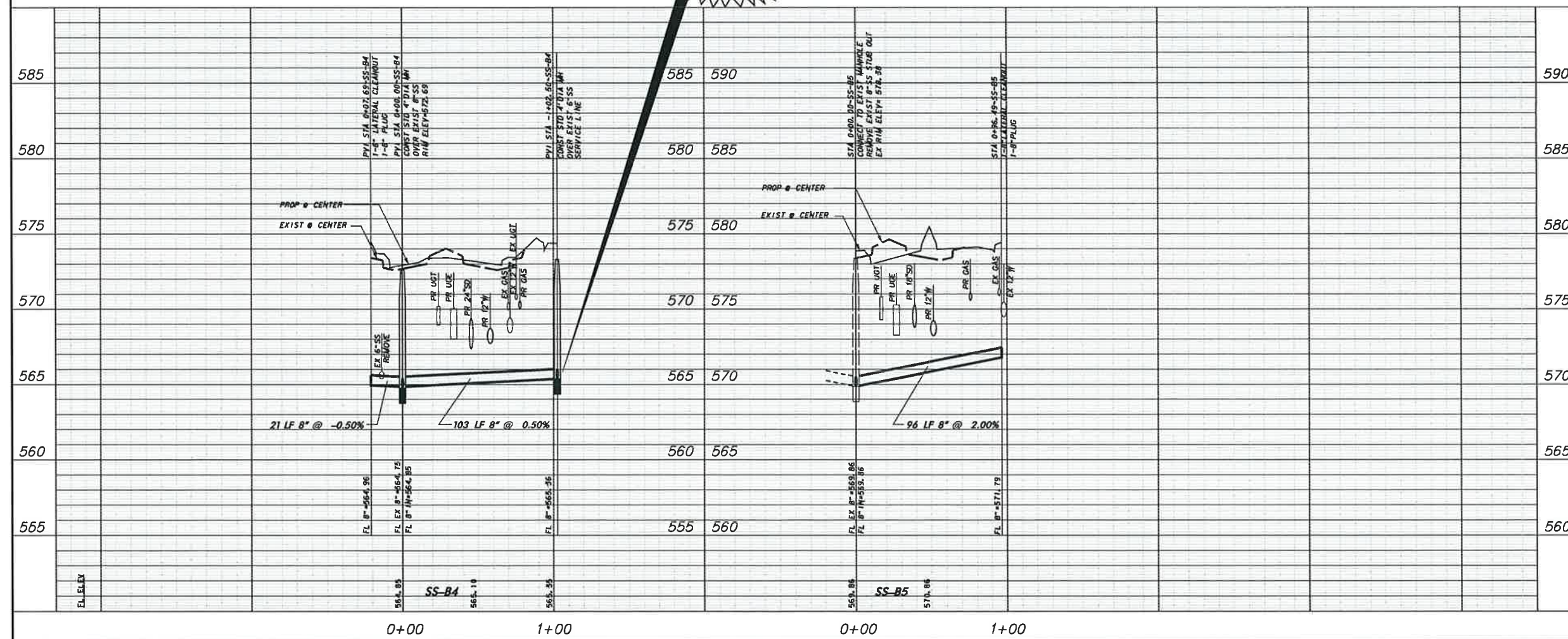
250 W. Southlake Blvd., Suite 117
 Southlake, Tx 76092 (817) 552-8210

| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
|---------|--------|-------|-------------|-------------|-------|
| 5029-01 | ICE | ICE | OCT 01 2010 | PW# 2010-02 | 22 |

PAVING, DRAINAGE & UTILITY IMPROVEMENTS - VITRUVIAN WAY EXTENSION

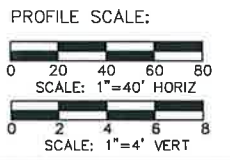


WARNING!!
LOCATE EXISTING
6" SS SERVICE LINE
PRIOR TO CONSTRUCTION



WARNING
CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

BM #1 REF. ELEVATION = 559.47
SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE
112' NORTH OF VITRUVIAN WAY.
BM #2 REF. ELEVATION = 547.84
SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.



| | | | |
|-----|-----------------------------|-----|----------|
| 2 | PROFILE STATION CORRECTIONS | ICE | 06/19/09 |
| 1 | MATCHLINE SHIFT | ICE | 05/15/09 |
| NO. | REVISION | BY | DATE |

TOWN OF ADDISON
DALLAS COUNTY, TEXAS

PAVING, DRAINAGE & UTILITY IMPROVEMENTS
VITRUVIAN WAY EXTENSION

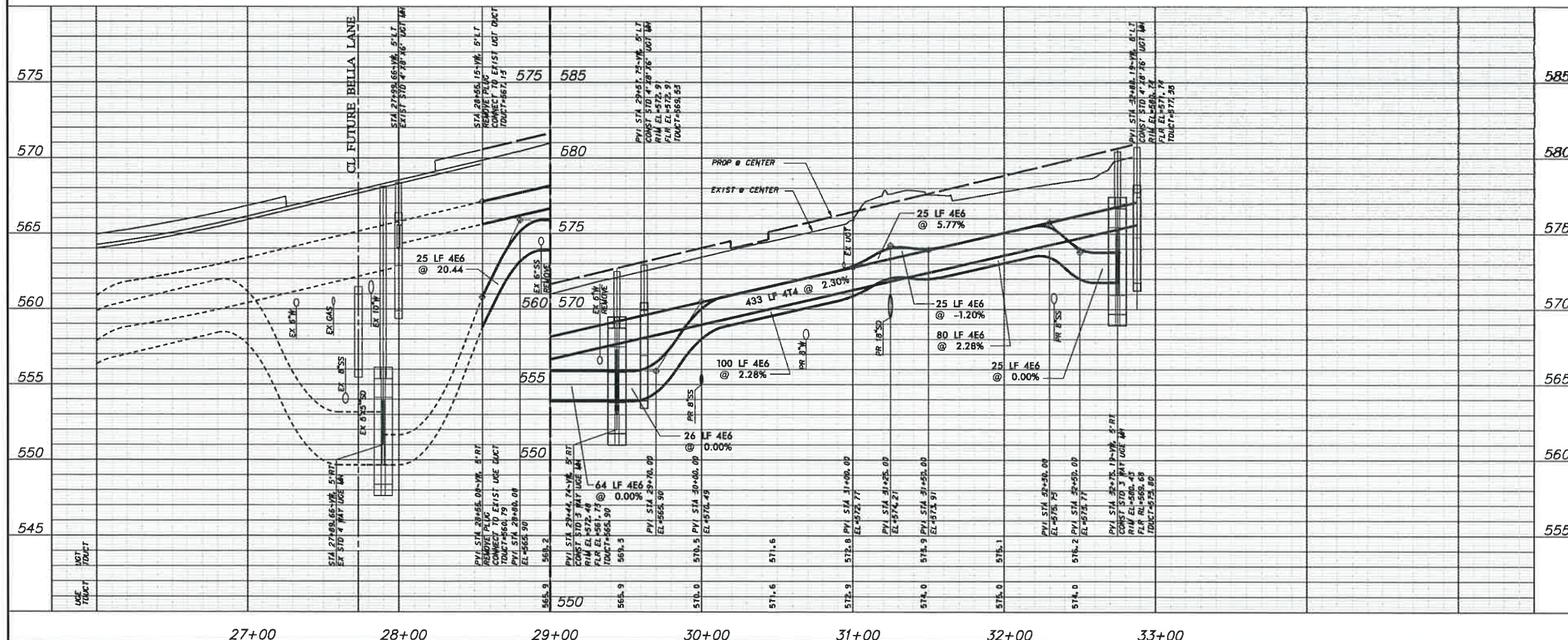
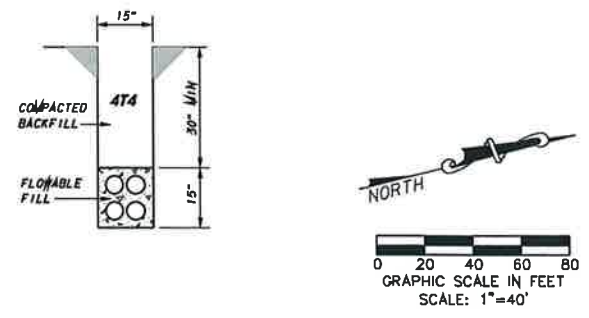
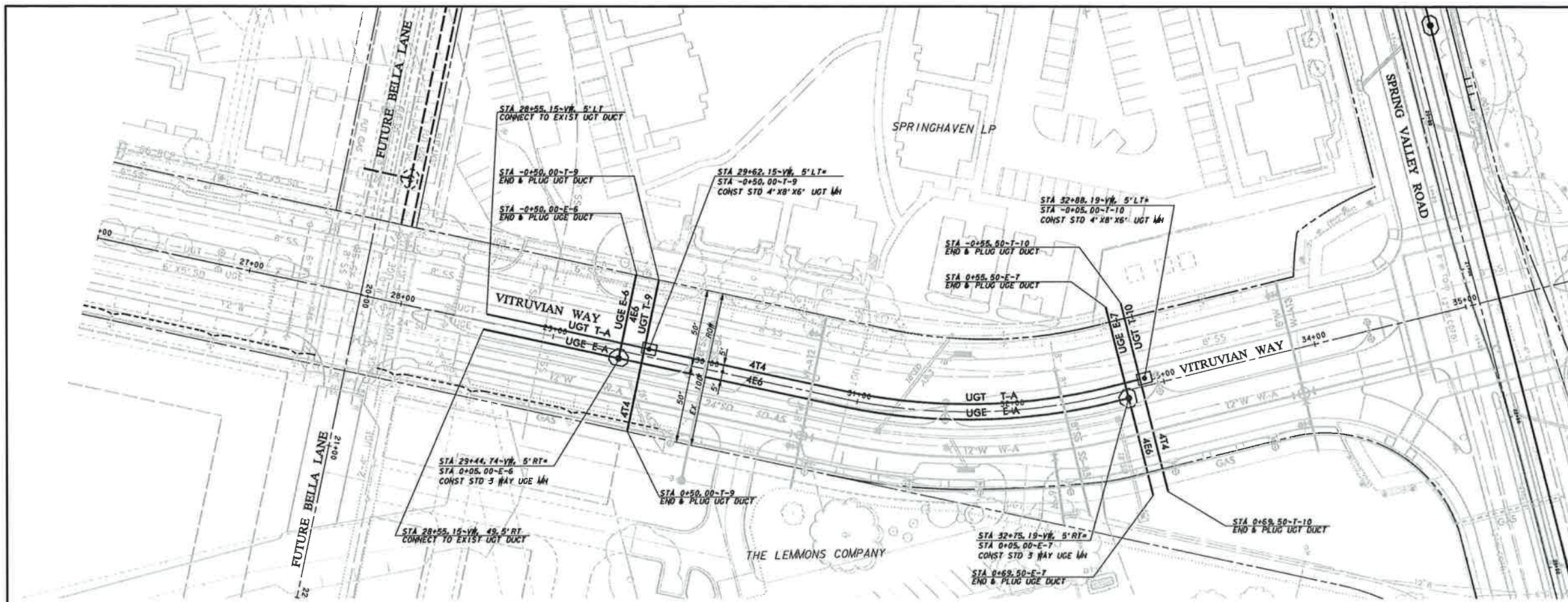
SANITARY SEWER PLAN & PROFILE-VW
LINES SS-B4 & SS-B5

icon Consulting Engineers, Inc.
Civil Engineers - Designers - Planners
250 W. Southlake Blvd., Suite 117
Southlake, TX 76092 (817) 552-8210

| | | | | | |
|---------|--------|-------|-------------|-------------|-------|
| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
| 5029-01 | ICE | ICE | OCT 01 2010 | PW# 2010-02 | 25 |

BID

PAVING, DRAINAGE, & UTILITY IMPROVEMENTS - VITRUVIAN WAY EXTENSION



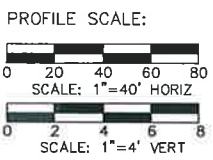
NOTE:
1. SEE OVERALL DUCT BANK PLAN LAYOUT SHEET FOR UGE AND UGT GENERAL NOTES.

WARNING

CONTRACTOR IS TO CONTACT TEXAS ONE-CALL SYSTEM (1-800-245-4545) OR OTHER UTILITY LOCATING SERVICES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION ACTIVITIES. ICON CONSULTING ENGINEERS, INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES IN THE PROJECT AREA NOR FOR DEPICTING THE EXACT LOCATIONS OF UTILITIES ON THESE DRAWINGS.

BM #1 REF. ELEVATION = 559.47
SQUARE CUT IN TOP OF CURB, SOUTH MEDIAN END NOSE, MARSH LANE
1127' NORTH OF VITRUVIAN WAY.

BM #2 REF. ELEVATION = 547.84
SQUARE CUT IN TOP OF CURB, NORTH MEDIAN END NOSE, AT INTERSECTION OF VITRUVIAN WAY AND MARSH LANE.



| NO. | REVISION | BY | DATE |
|-----|----------|----|------|
| | | | |

Addisom TOWN OF ADDISON
DALLAS COUNTY, TEXAS

PAVING, DRAINAGE & UTILITY IMPROVEMENTS
VITRUVIAN WAY EXTENSION

**DUCT BANK PLAN & PROFILE - VW
LINE A-STA. 28+55.15 TO 32+82.00**

icon Consulting Engineers, Inc. 250 W. Southlake Blvd., Suite 117
Civil Engineers - Designers - Planners Southlake, TX 76092 (617) 552-8210

| PROJECT | DESIGN | DRAWN | DATE | FILE | SHEET |
|---------|--------|-------|-------------|-------------|-------|
| 5029-01 | ICE | ICE | OCT 01 2010 | PW# 2010-02 | 28 |

PAVING, DRAINAGE, & UTILITY IMPROVEMENTS - VITRUVIAN WAY EXTENSION