

TIERRA DEL ESTE UNIT SIXTY TWO AMENDING PLAT

BEING AN AMENDING OF LOTS 6 THRU 13, BLOCK 259,
TIERRA DEL ESTE UNIT SIXTY TWO,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 0.9779 ACRES

Tierra Del Este Unit Sixty Two Amending Plat Notes:

Tierra Del Este Subdivision Unit Sixty Two Amending Plat is subject to the Annexation Agreement entered into by Rancho Real IV LTD with the City of El Paso on January 31, 2006. Among other conditions the agreement required the following:

Item #11 Owner agrees to pay a water and wastewater connection fee to the El Paso Water Utilities Department of the City for each three quarter inch (3/4") equivalent water meter that is connected to the public water system as shown below. The water and wastewater connection fee shall be increased by three (3) percent on March 1, 2006, and each year thereafter. Payment of the water and wastewater connection fee shall be due at the time of application for water and wastewater to the system.

Meter Size	Water (\$)	Wastewater (\$)
5/8" x 3/4"	566	328
1"	1,396	809
1 1/2"	2,830	1,640
2"	4,528	2,624
3"	9,056	5,248
4"	14,150	8,200
6"	28,300	16,400
8"	52,627	30,613
10"	75,467	43,733

NOTES:

WATER AND SEWER SERVICES HAVE BEEN EXTENDED TO THIS SUBDIVISION (TIERRA DEL ESTE UNIT SIXTY TWO AMENDING PLAT) FROM EXISTING EL PASO WATER UTILITIES/PUBLIC SERVICE BOARD FACILITIES.

THE INSTRUMENT ASSURING THE CERTIFICATION THAT WATER AND SEWER SERVICES FACILITIES DESCRIBED BY THIS PLAT ARE IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.343, TEXAS WATER CODE IS FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.

INSTRUMENT No. _____ DATE _____

TAX CERTIFICATE FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORDS SECTION.

INSTRUMENT No. 2013006446-73 DATE 08/24/2013

RESTRICTIVE COVENANTS FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.

INSTRUMENT No. _____ DATE _____

"U.S. POSTAL SERVICE DELIVERY WILL BE PROVIDED THROUGH NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS".

SET 1/2" REBAR WITH CAP MARKED TX 5152 AT ALL EXTERIOR BOUNDARY CORNERS UNLESS OTHERWISE NOTED.

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO 480212-D175B, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD ZONE X OUTSIDE THE 500 YEAR FLOOD-PLAIN.

BEARING BASIS IS PER PLAT OF TIERRA DEL ESTE UNIT SIXTY TWO RECORDED IN FILE No. 20110014500, REAL PROPERTY RECORDS OF EL PASO COUNTY, TEXAS.

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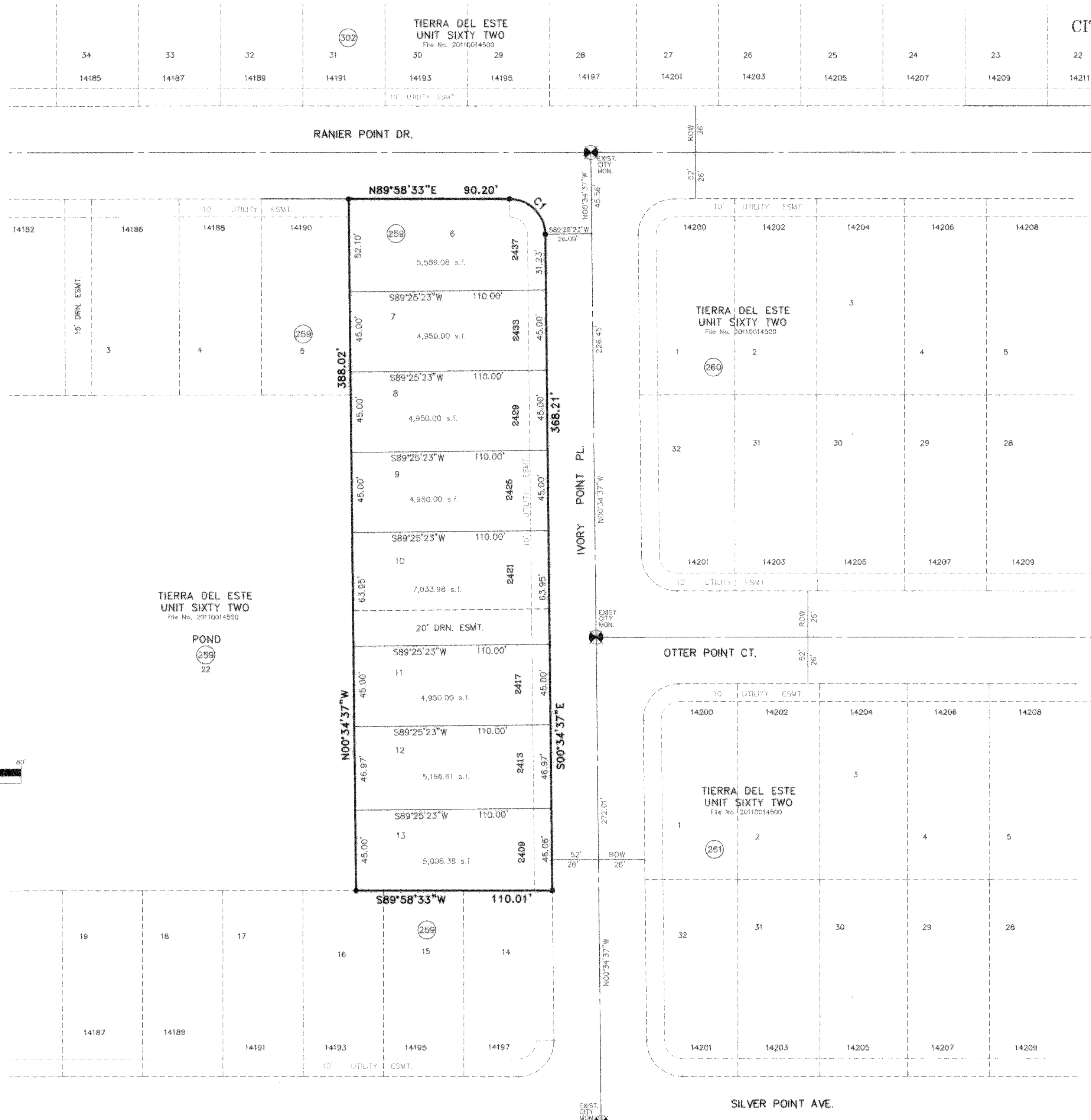
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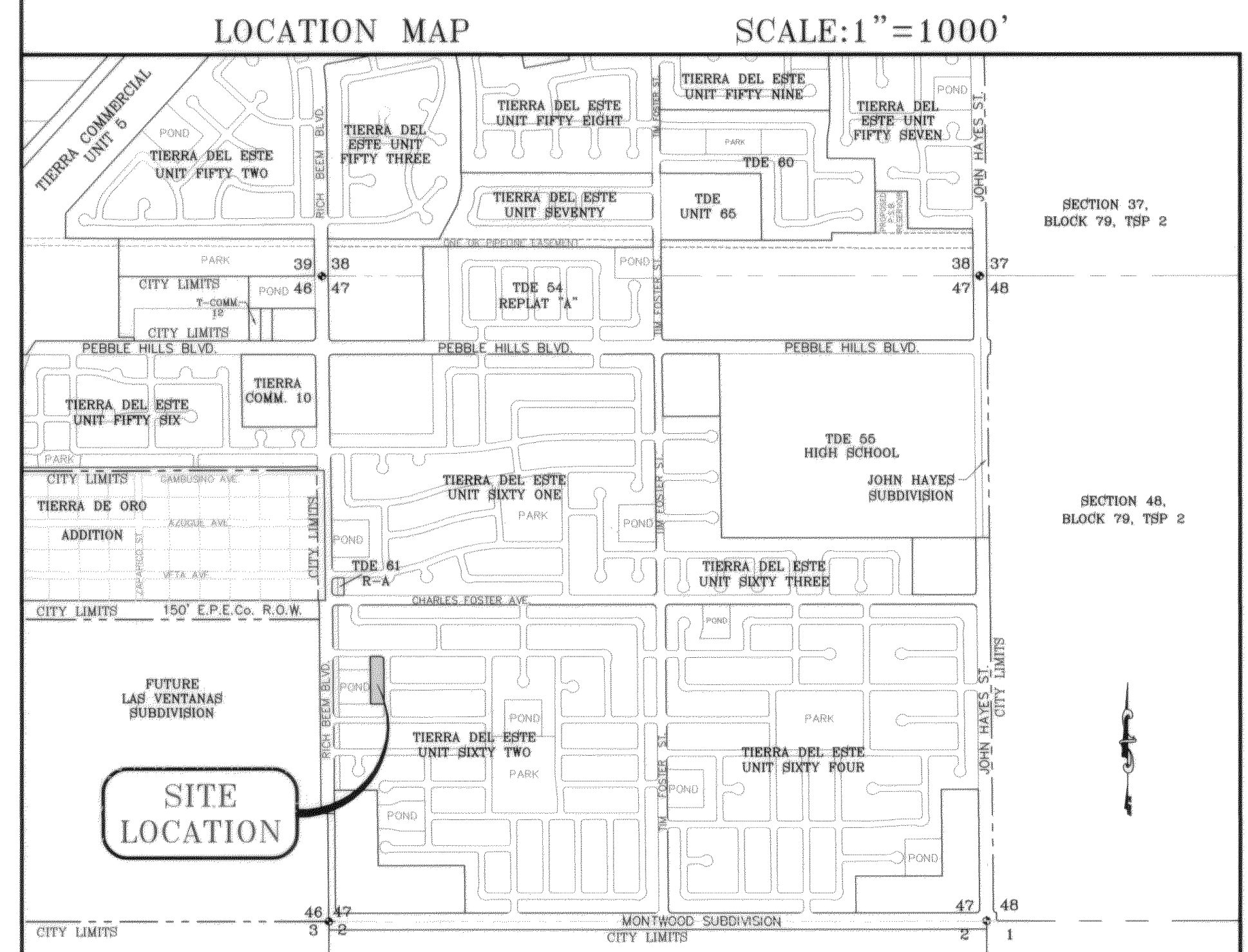
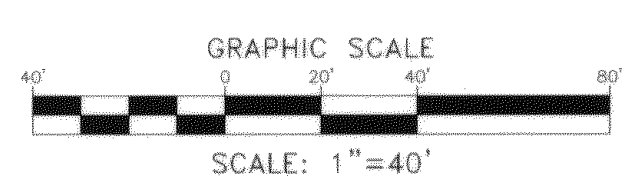
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NOTE:
This amending subdivision is to:
Relocate the Lot Lines between Lots 6 thru 13, Block 259, this action will change some lot dimensions and lot square footage also have to reduce the 25' drainage easement to a 20' drainage easement.
This amending plat does not change or supersede the intent or effect of the dedication statement concerning public rights of way or other utility easements on the original plat.



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
CT	20.00	31.22	19.81	28.15	S45°18'02"E	89°26'50"

DATE OF PREPARATION: DECEMBER 12, 2012

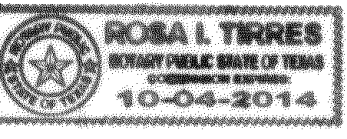
CONDE INC.
ENGINEERING / PLANNING
GPS / SURVEYING / CAD
6080 BURETT DR. STE 100
EL PASO, TEXAS 79905
PHONE: (915) 592-0285
FAX: (915) 592-0286

DEDICATION
EL PASO AFFORDABLE HOUSING, HUGO FABIAN TELLES, ELIZABETH HOFFMAN, and ANA MARTINEZ, property owners of this land hereby present this plat and dedicate to the use of public, the drainage easement and utility easement as hereon laid down and designated, including easements for overhead of service wires for pole type utilities, and buried service wires, conduits and pipes for underground utilities, and the right to ingress and egress for service and construction and the right to trim interfering trees and shrubs.
Witness our signature this 18 day of June, 2013.

BY: EL PASO AFFORDABLE HOUSING
BY: INDIVIDUAL
BY: LARRY GARCIA, Manager
BY: HUGO FABIAN TELLES, Owner
BY: INDIVIDUAL
BY: INDIVIDUAL
BY: ELIZABETH HOFFMAN, Owner
BY: ANA MARTINEZ, Owner

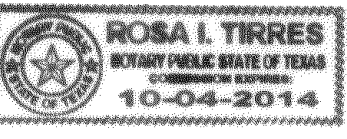
ACKNOWLEDGEMENT

STATE OF TEXAS
COUNTY OF EL PASO
Before me, the undersigned authority, on this day personally appeared Larry Garcia, Manager of EL PASO AFFORDABLE HOUSING, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same as the act and deed of said corporation for the purpose and considerations herein expressed.
Given under my hand and seal of office this 18th day of June, 2013.
Rosa I. Tirres
Notary Public in and for El Paso County
My Commission Expires 10-04-2014



ACKNOWLEDGEMENT

STATE OF TEXAS
COUNTY OF EL PASO
Before me, the undersigned authority, on this day personally appeared Hugo Fabian Tellez, individual owner, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same as the act and deed of said corporation for the purpose and considerations herein expressed.
Given under my hand and seal of office this 18th day of June, 2013.
Rosa I. Tirres
Notary Public in and for El Paso County
My Commission Expires 10-04-2014



ACKNOWLEDGEMENT

STATE OF TEXAS
COUNTY OF EL PASO
Before me, the undersigned authority, on this day personally appeared Elizabeth Hoffman, individual owner, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same as the act and deed of said corporation for the purpose and considerations herein expressed.
Given under my hand and seal of office this 18th day of June, 2013.
Rosa I. Tirres
Notary Public in and for El Paso County
My Commission Expires 10-04-2014



ACKNOWLEDGEMENT

STATE OF TEXAS
COUNTY OF EL PASO
Before me, the undersigned authority, on this day personally appeared Ana Martinez, individual owner, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she executed the same as the act and deed of said corporation for the purpose and considerations herein expressed.
Given under my hand and seal of office this 18th day of June, 2013.
Rosa I. Tirres
Notary Public in and for El Paso County
My Commission Expires 10-04-2014

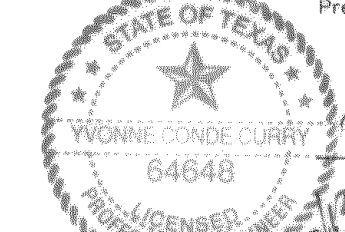


AMENDING PLAT APPROVAL STATEMENT

This subdivision is hereby approved in accordance with Chapter 212.0065 (AMENDING PLAT) of the Local Government Code of Texas Municipal Code Section 9.05.070, as to meeting the requirements for a review of an amending plat.
[Signature] Executive Secretary
[Signature] Subdivision Coordinator
Approved for filing this 14th day of July, 2013.
[Signature] City Development Director

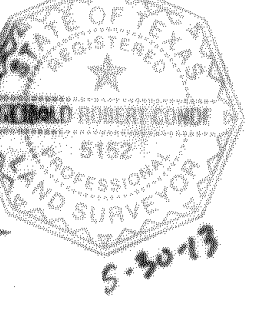
FILING

Filed and recorded in the office of the County Clerk of El Paso County, Texas, this 20th day of August, 2013, A.D. in File No. 2013014165
[Signature] County Clerk
[Signature] Deputy

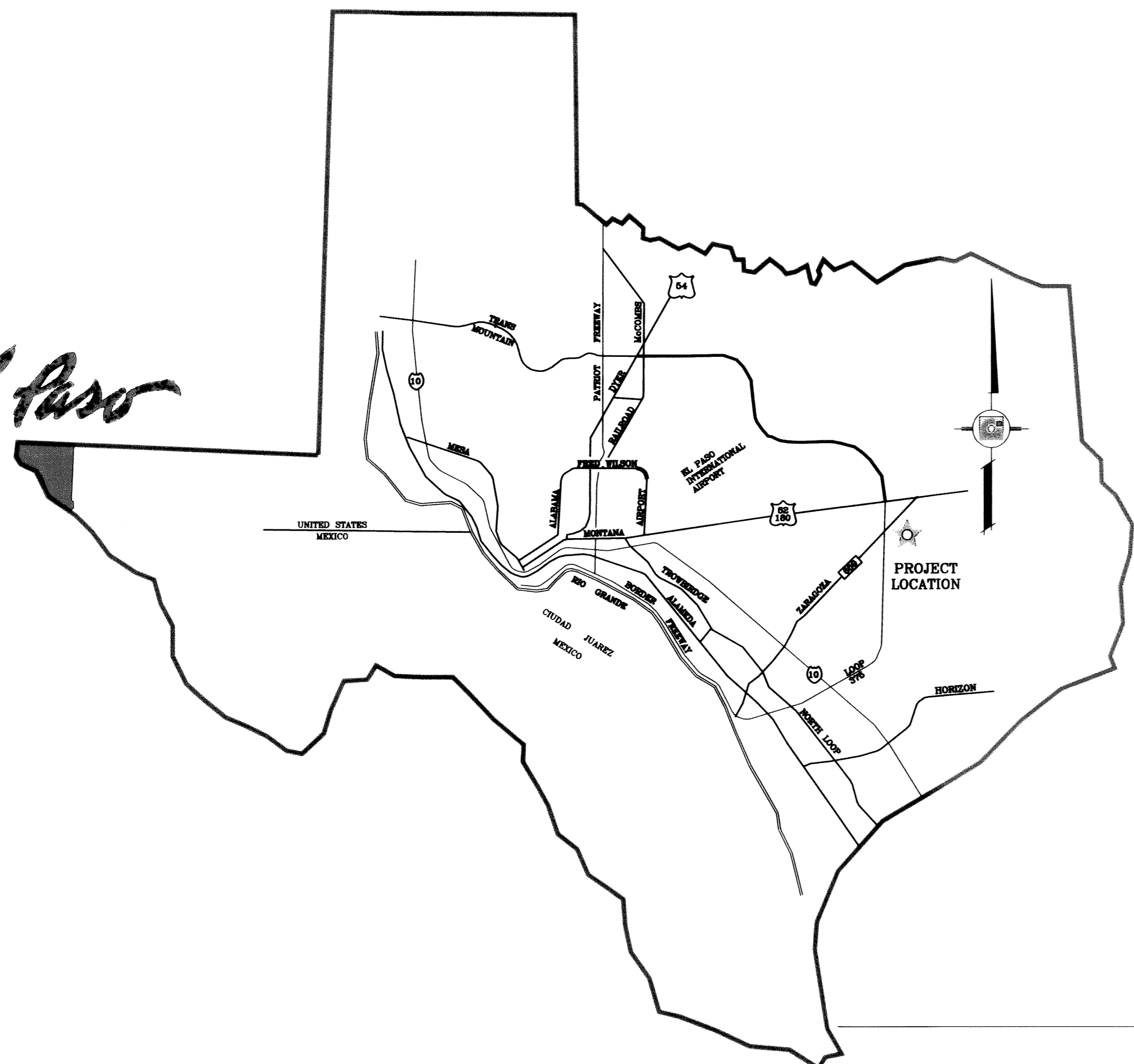


Prepared by and under the supervision of:
YVONNE CONDE CURRY, P.E.
Registered Professional Engineer
Registration No. 64648
[Signature]
Yvonne Conde Curry, P.E.

This plat represents a survey made on the ground by me or under my supervision and complies with the current Texas Board of Professional Land Survey Professional and Technical Standards.
[Signature]
Ron R. Conde,
Registered Professional Land Surveyor



El Paso



VICINITY MAP

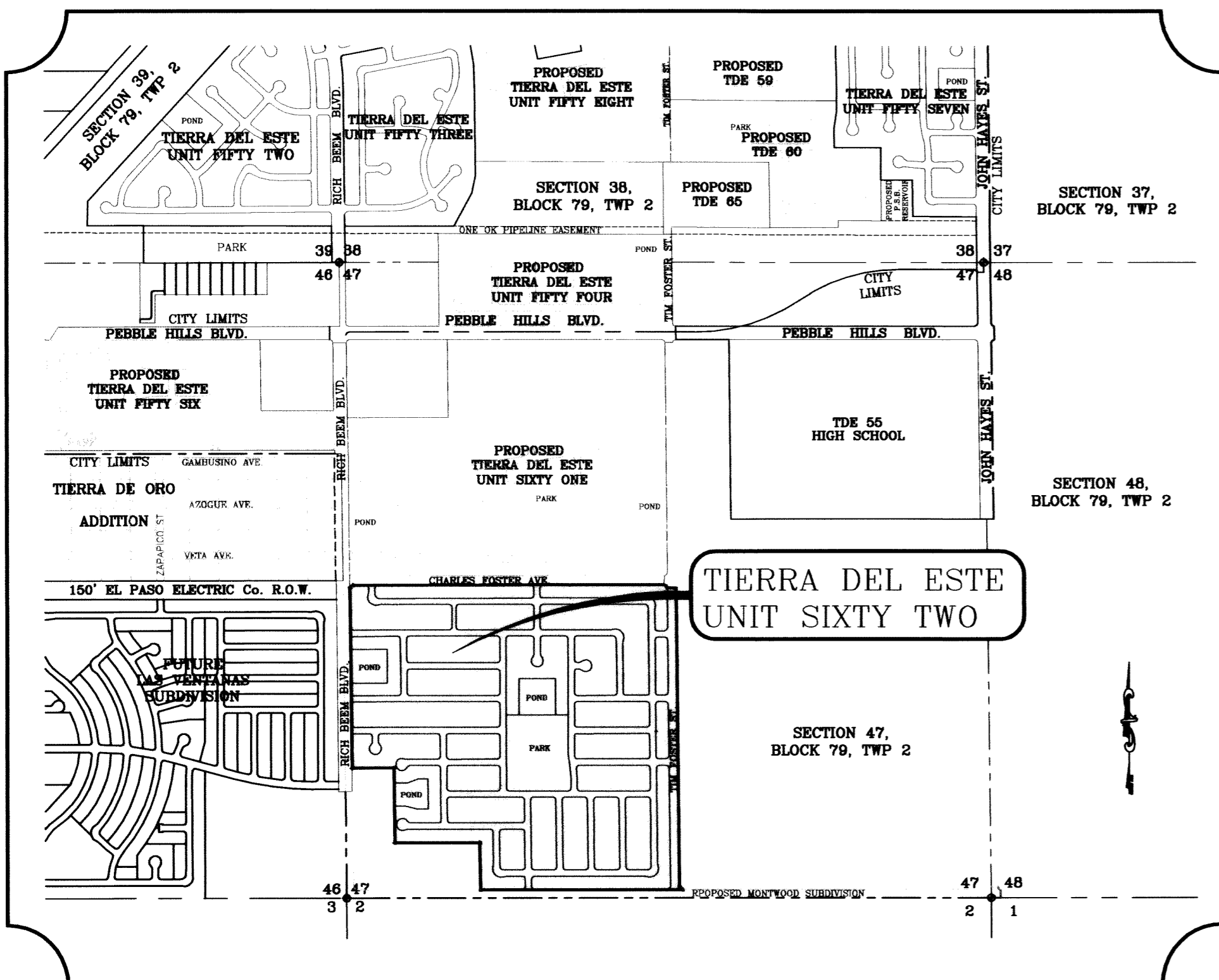


STREET IMPROVEMENTS

I N D E X

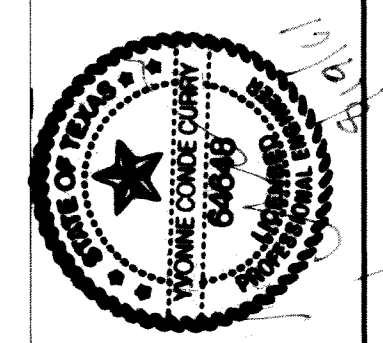
LOCATION MAP

SCALE: 1"=1000'

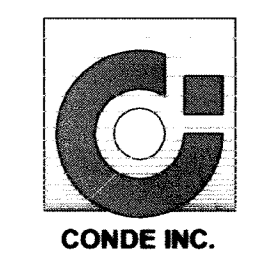


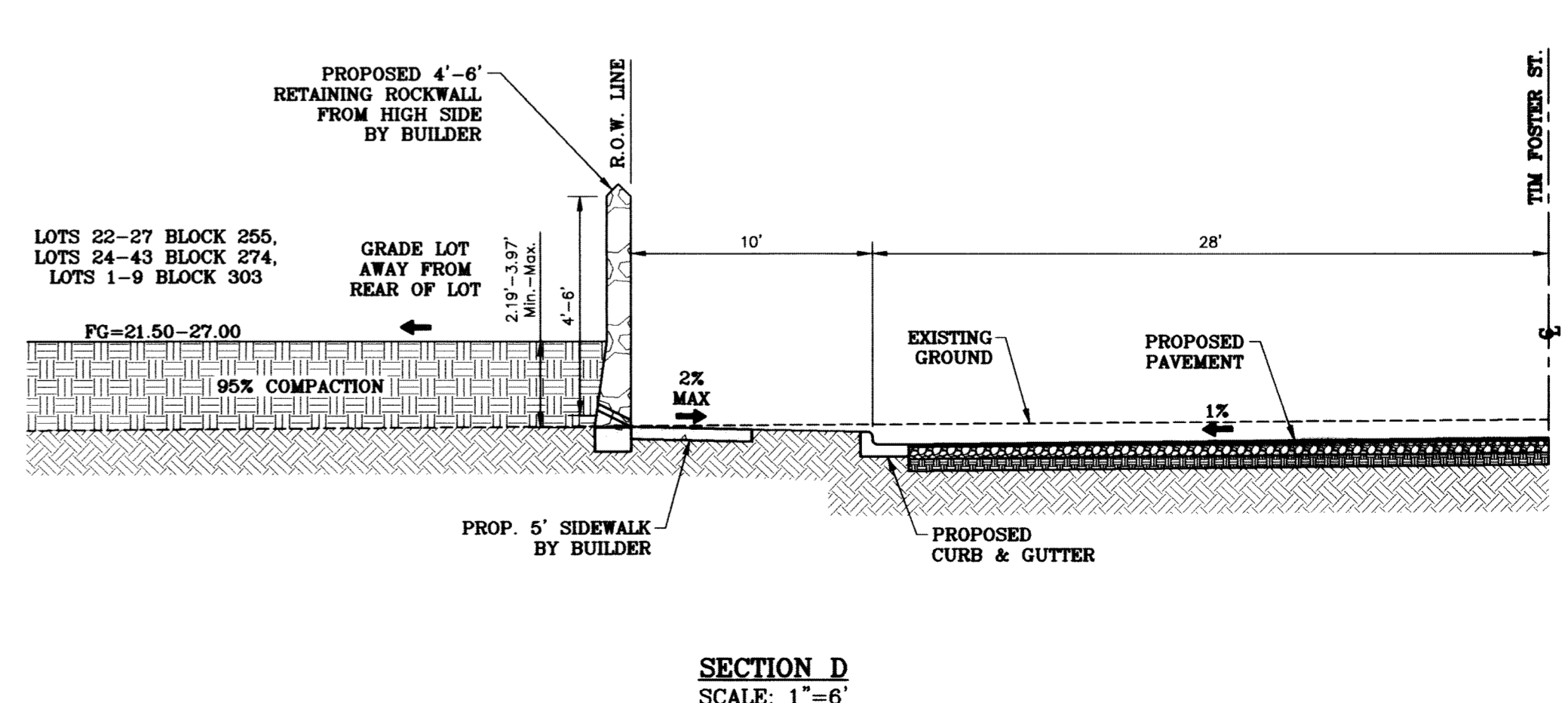
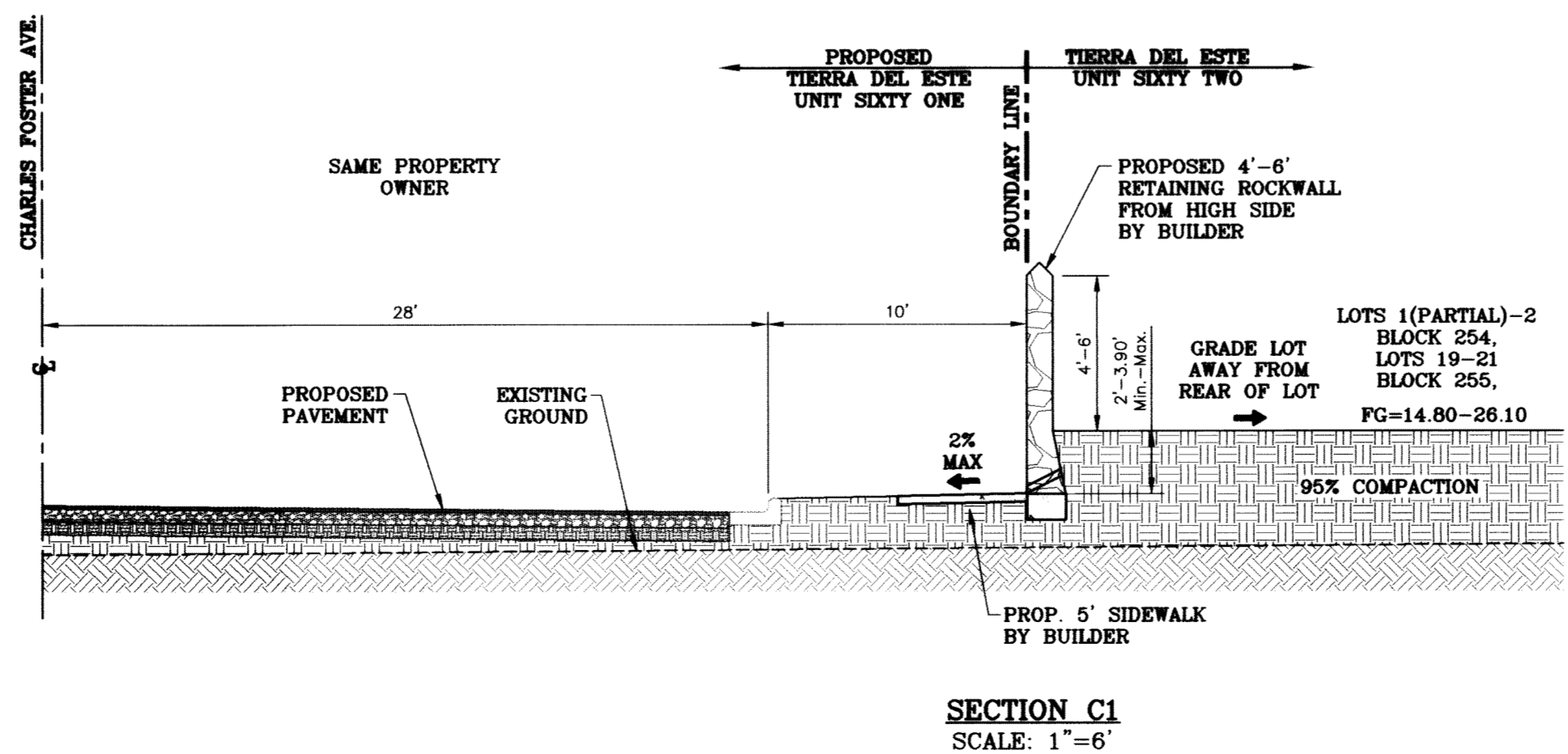
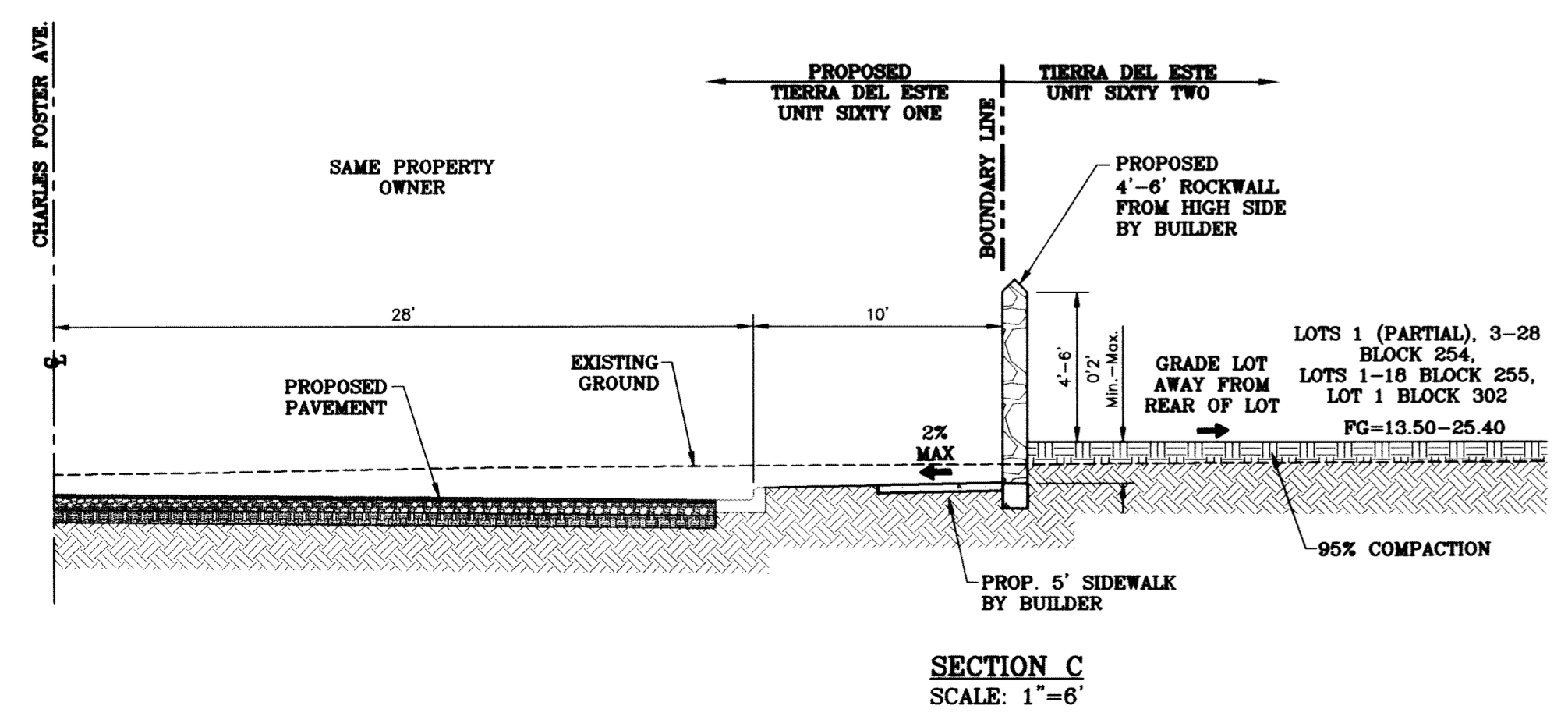
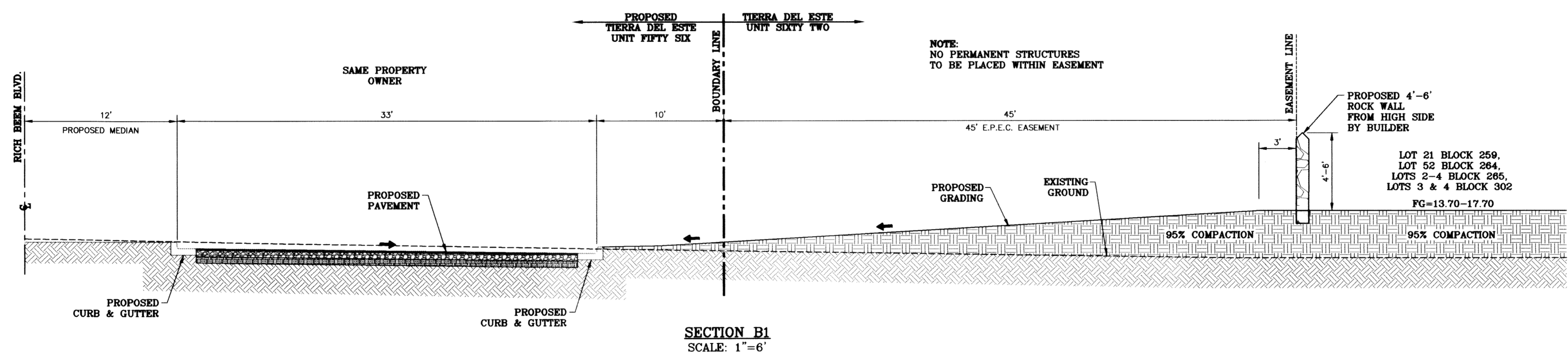
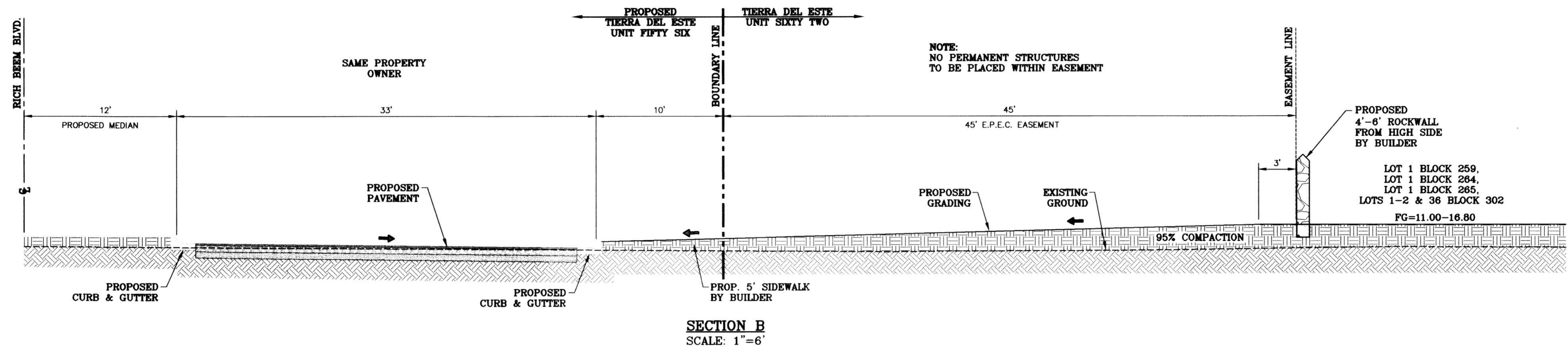
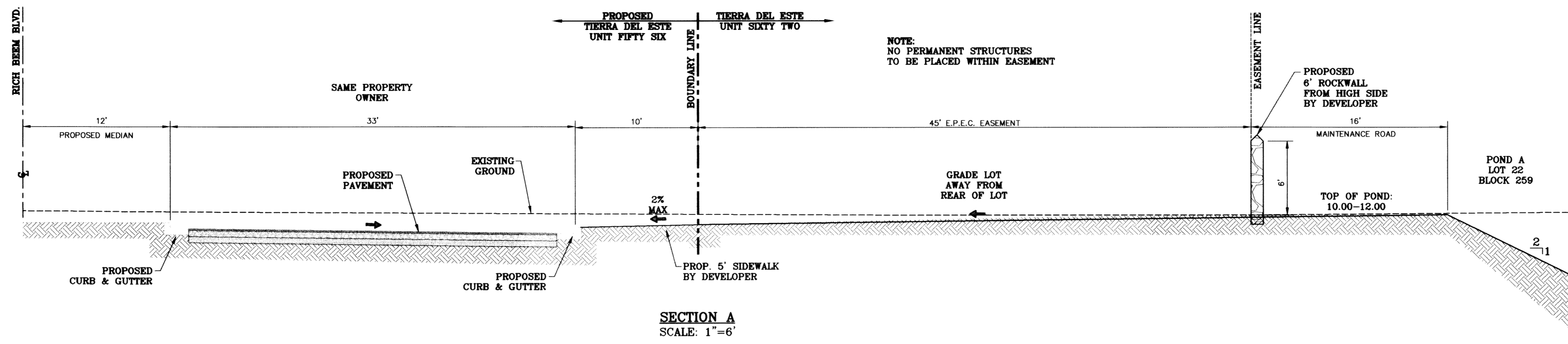
TITLE	SHEET No.
COVER SHEET	1 OF 88
PLAT	2-5 OF 88
GRADING PLAN	6-9 OF 88
GRADING SECTIONS	10-12 OF 88
DRAINAGE PLAN	13-16 OF 88
STORM WATER POLLUTION PREVENTION PLAN	17-18 OF 88
RATTLER POINT/SPARROW POINT/VALOUR POINT/WILD POINT	19-27 OF 88
RANIER POINT DR.	28-31 OF 88
CHICO POINT PL./DAMSEL POINT PL.	32-33 OF 88
IVORY POINT PL.	34 OF 88
ESCAPE POINT ST.	35-36 OF 88
OTTER POINT CT.	37 OF 88
SILVER POINT AVE.	38-39 OF 88
FOGGY POINT DR.	40-41 OF 88
PINE POINT CT./OWL POINT AVE.	42 OF 88
WOODS POINT AVE.	43-44 OF 88
SONG POINT CT.	45 OF 88
TIM FOSTER ST.	46-49 OF 88
NORTH POINT AVE.	50-51 OF 88
TARA POINT PL./OPAL POINT PL.	52-53 OF 88
BLUESKY POINT CT. (WEST OF PARK)	54-55 OF 88
ENGLISH POINT AVE.	56-58 OF 88
FABLED POINT CT.	59-60 OF 88
BLUESKY POINT CT. (EAST OF PARK)	61-62 OF 88
HONOUR POINT ST.	63-64 OF 88
AMBER POINT PL.	65 OF 88
AZURE POINT PL.	66 OF 88
DECAMP POINT PL.	67 OF 88
POND DETAILS	68-71 OF 88
STRUCTURE DETAILS	72-82 OF 88
STANDARD DETAILS	83-84 OF 88
ILLUMINATION PLAN & DETAILS	85-88 OF 88
IRRIGATION & DETAILS	L1.1 OF 2
DETAILS	L1.2 OF 2

PROJECT NAME
**TIERRA DEL ESTE
 UNIT SIXTY TWO**
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
 TEXAS AND PART OF THE PLAT ROAD, CANTON SURVEYS,
 EL PASO COUNTY, TEXAS
 CONTAINING 140.962 ACRES



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283





NOTE:
NO PERMANENT STRUCTURES
TO BE PLACED WITHIN EASEMENT

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NO PERMANENT STRUCTURES
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NO PERMANENT STRUCTURES
TO BE PLACED WITHIN EASEMENT

BENCHMARK	
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64	DATE
REVISIONS	DATE
CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G.	10/14/09

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, EL PASO COUNTY, TEXAS SURVEYS, CONTAINING 140.962 ACRES

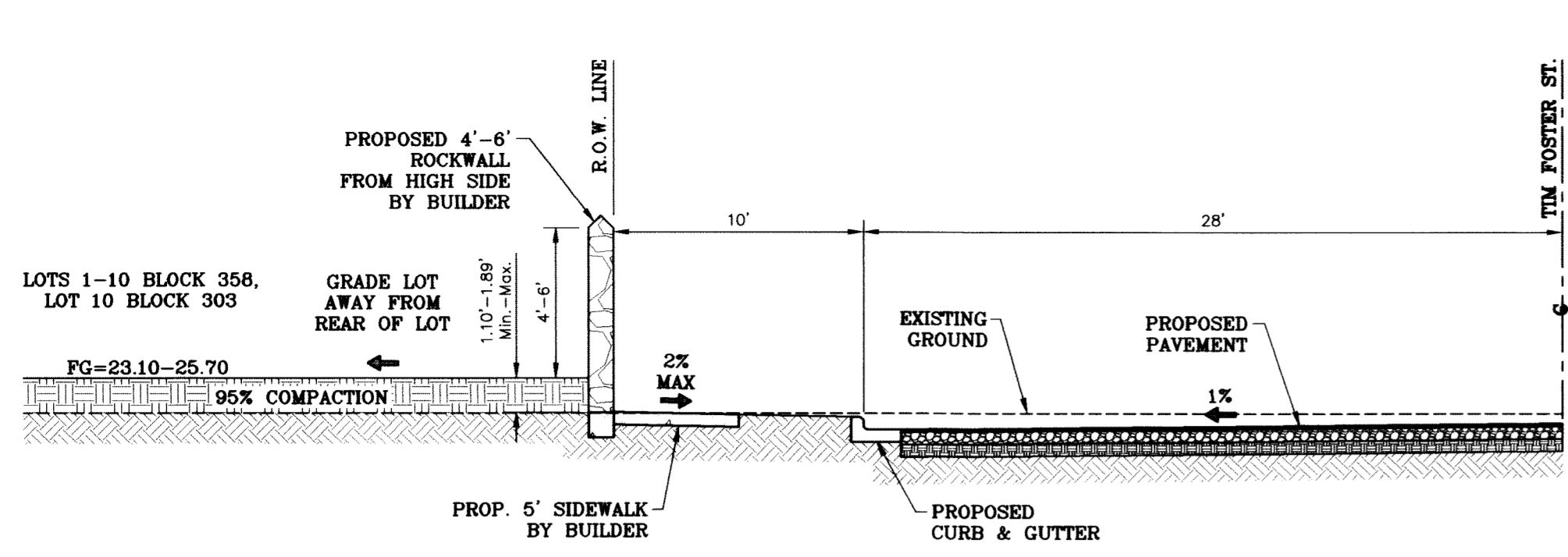
SCALE
HORIZONTAL AS NOTED
VERTICAL: ---

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

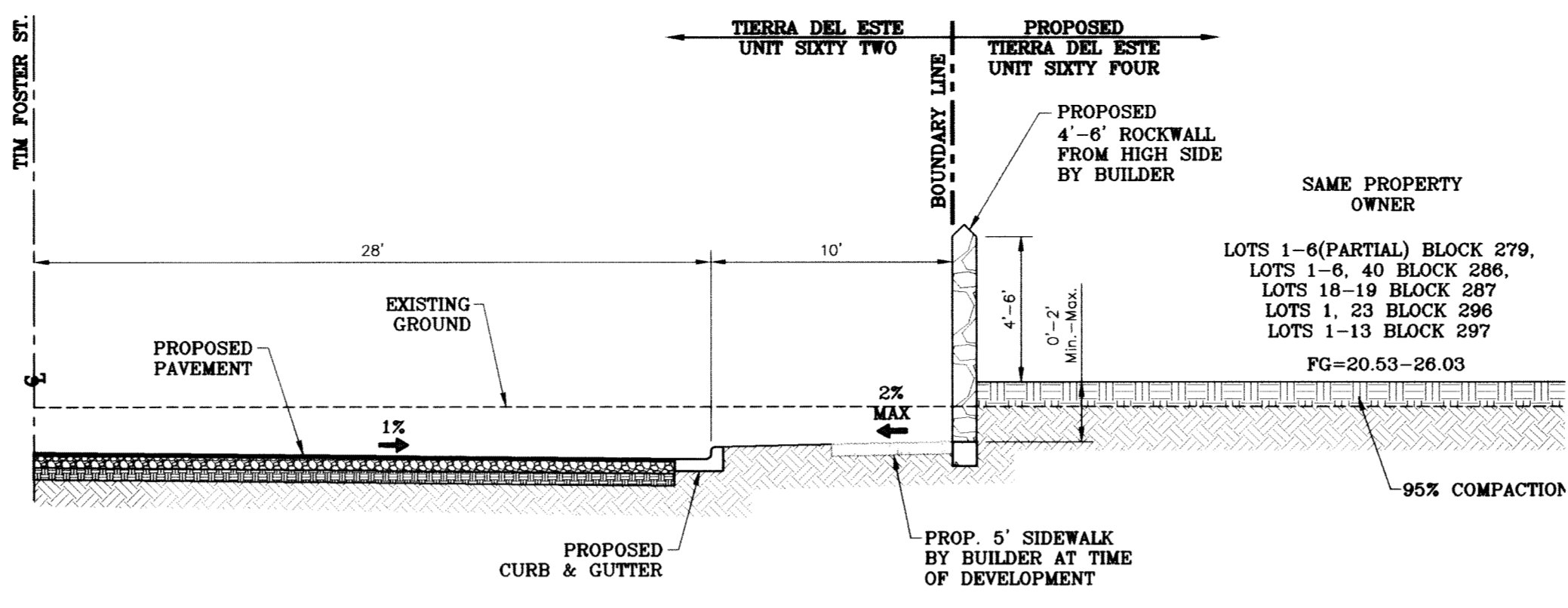
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
GRADING SECTIONS

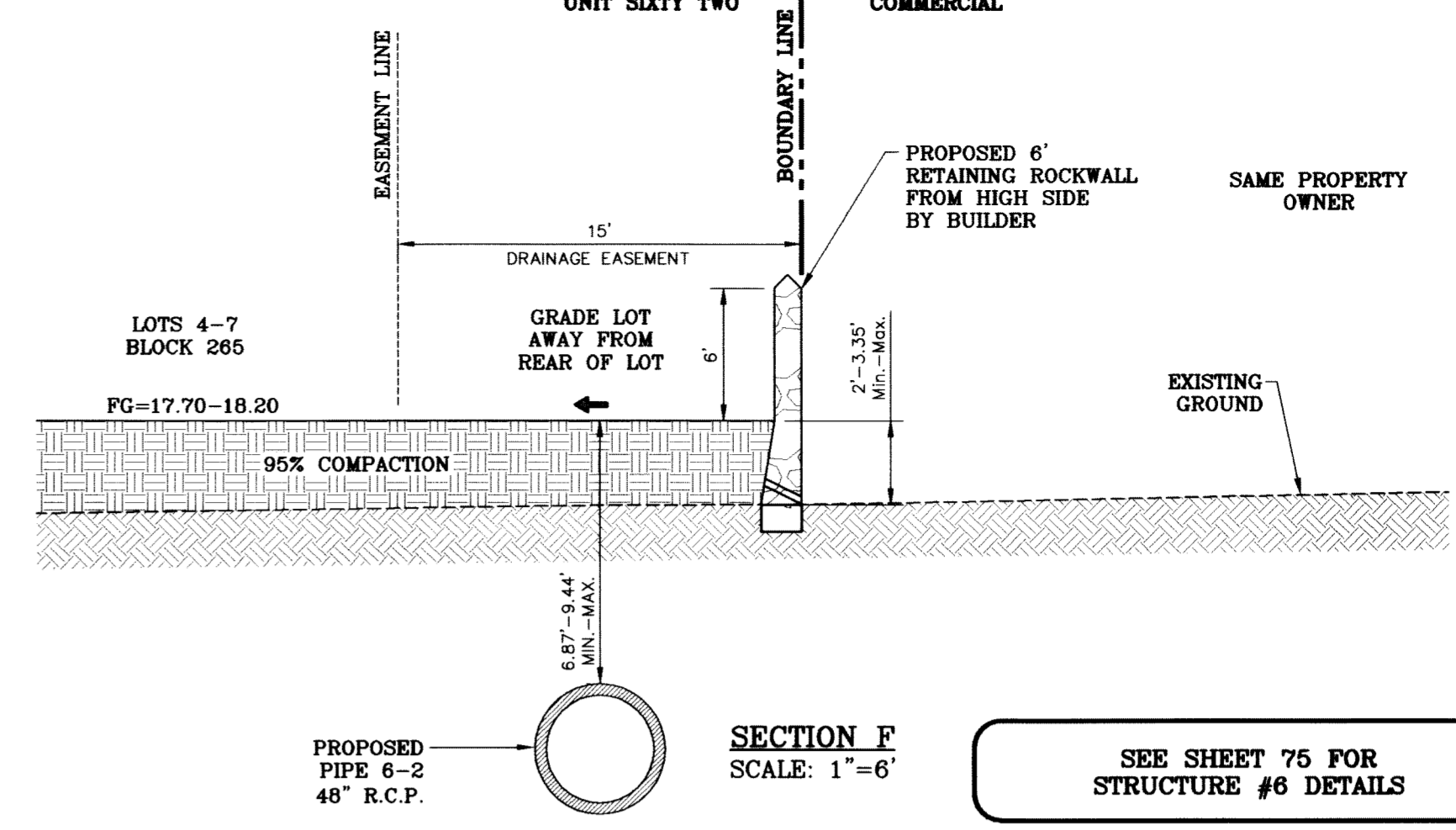
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SECTION D1
SCALE: 1"=6'

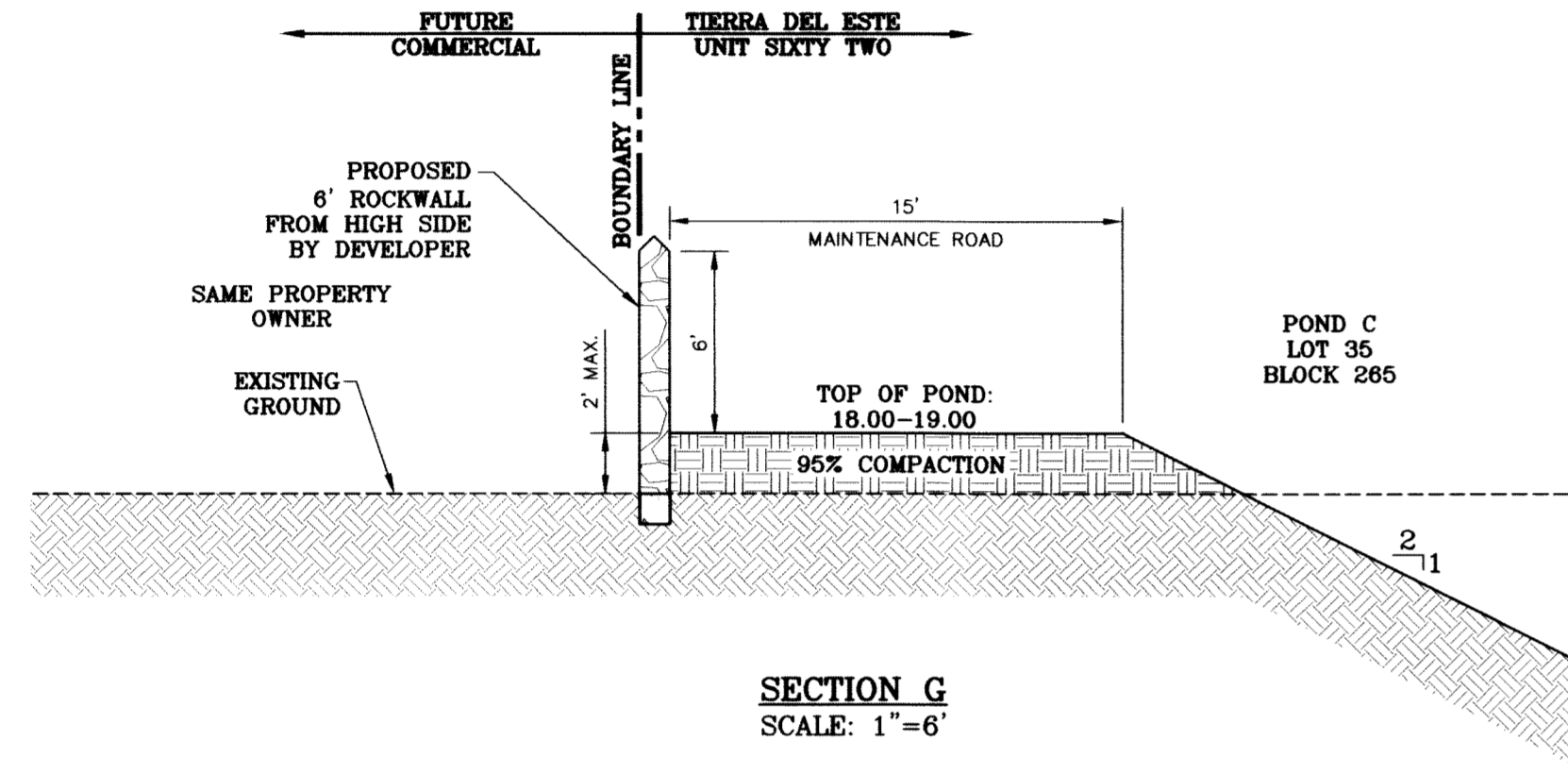


SECTION E
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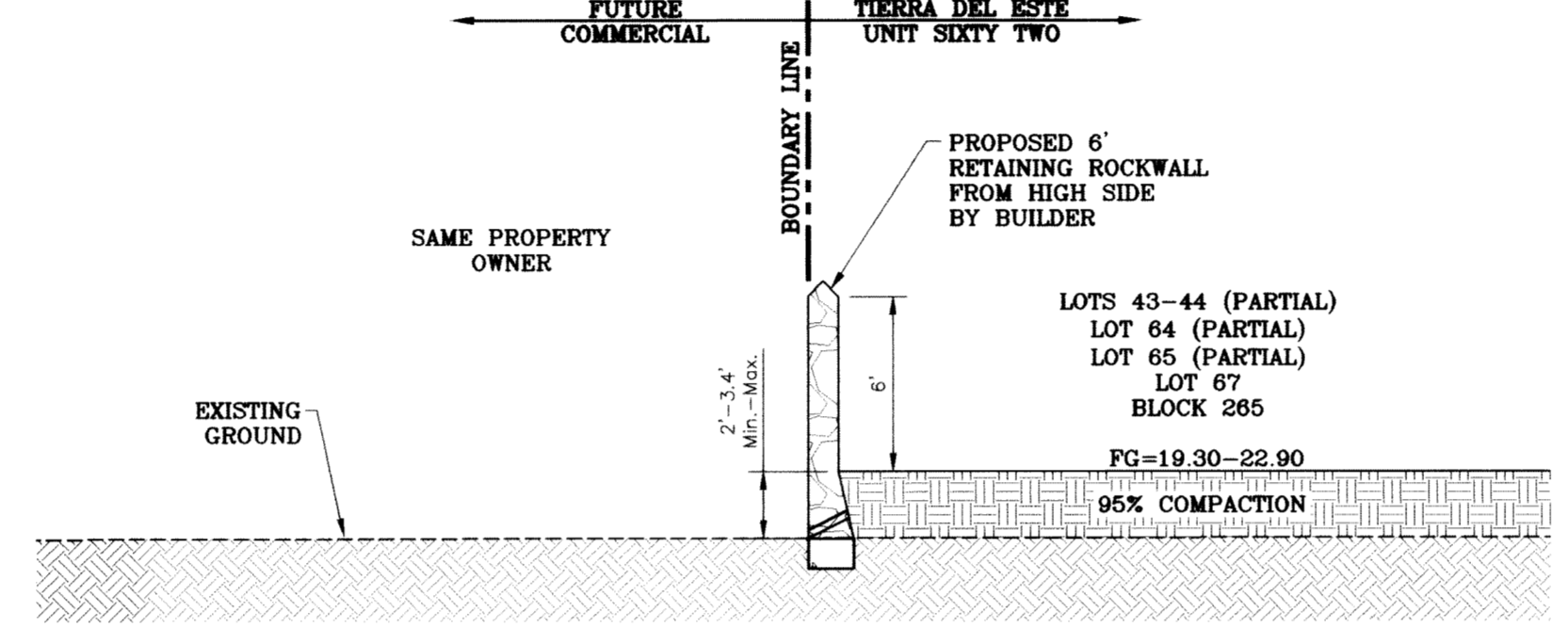


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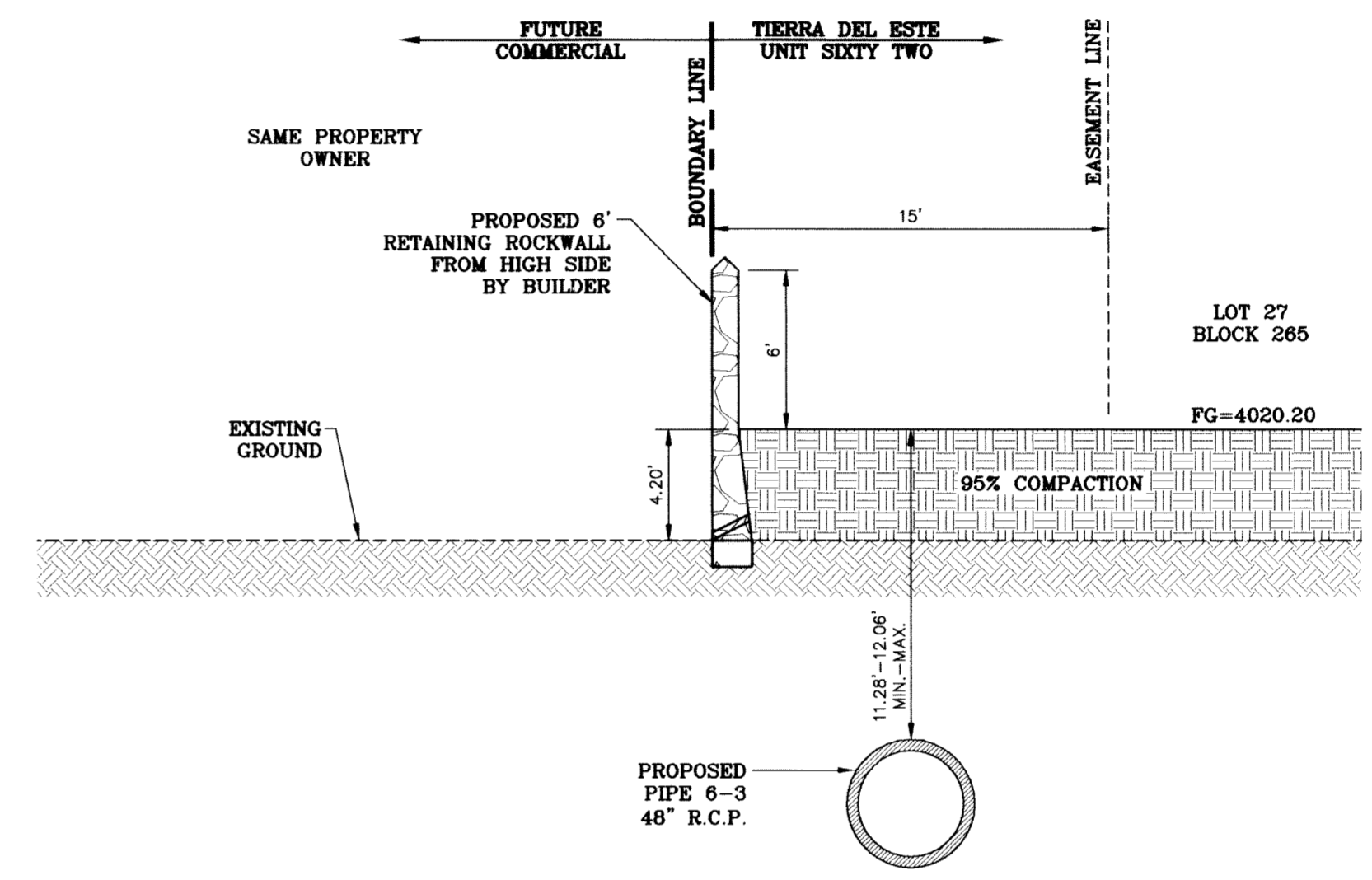
SEE SHEET 75 FOR
STRUCTURE #6 DETAILS



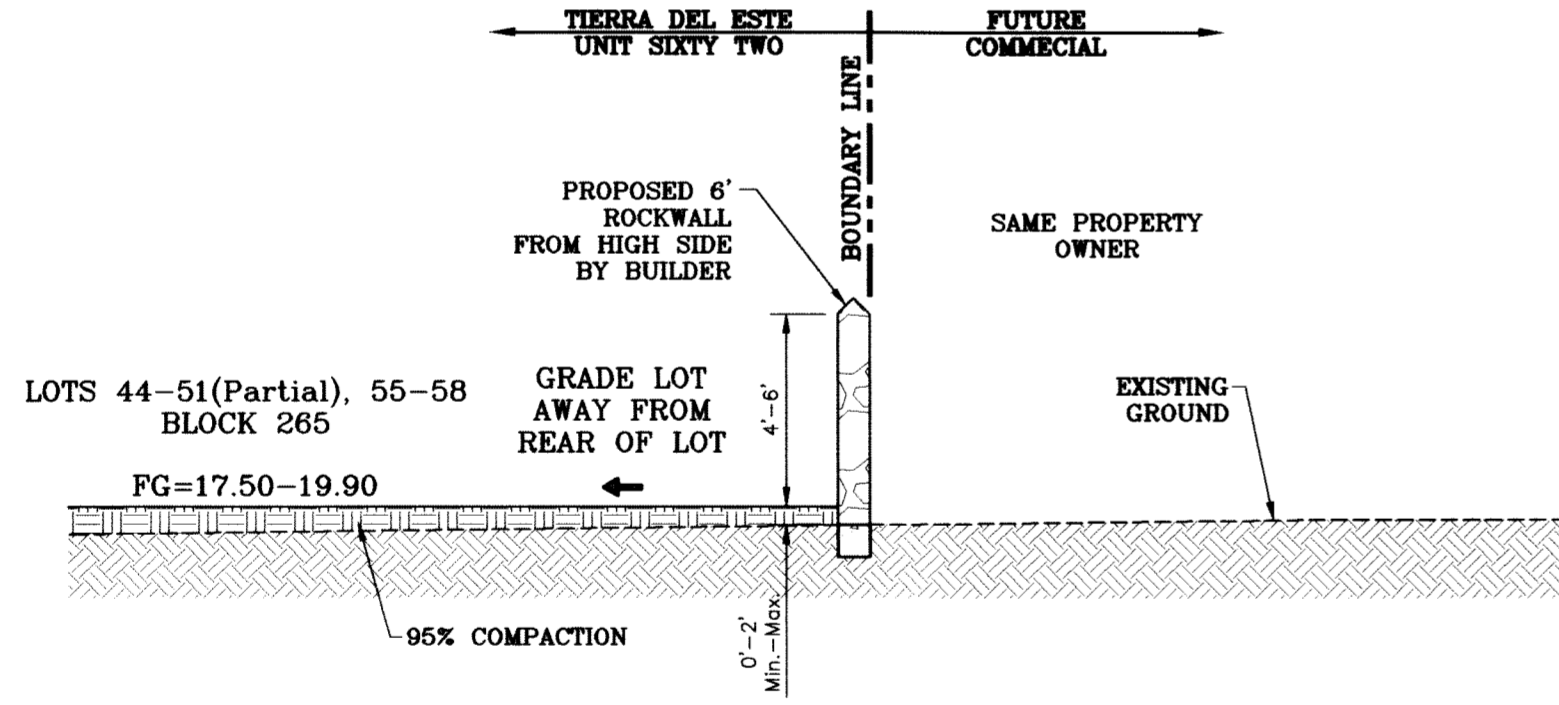
SECTION G
SCALE: 1"=6'



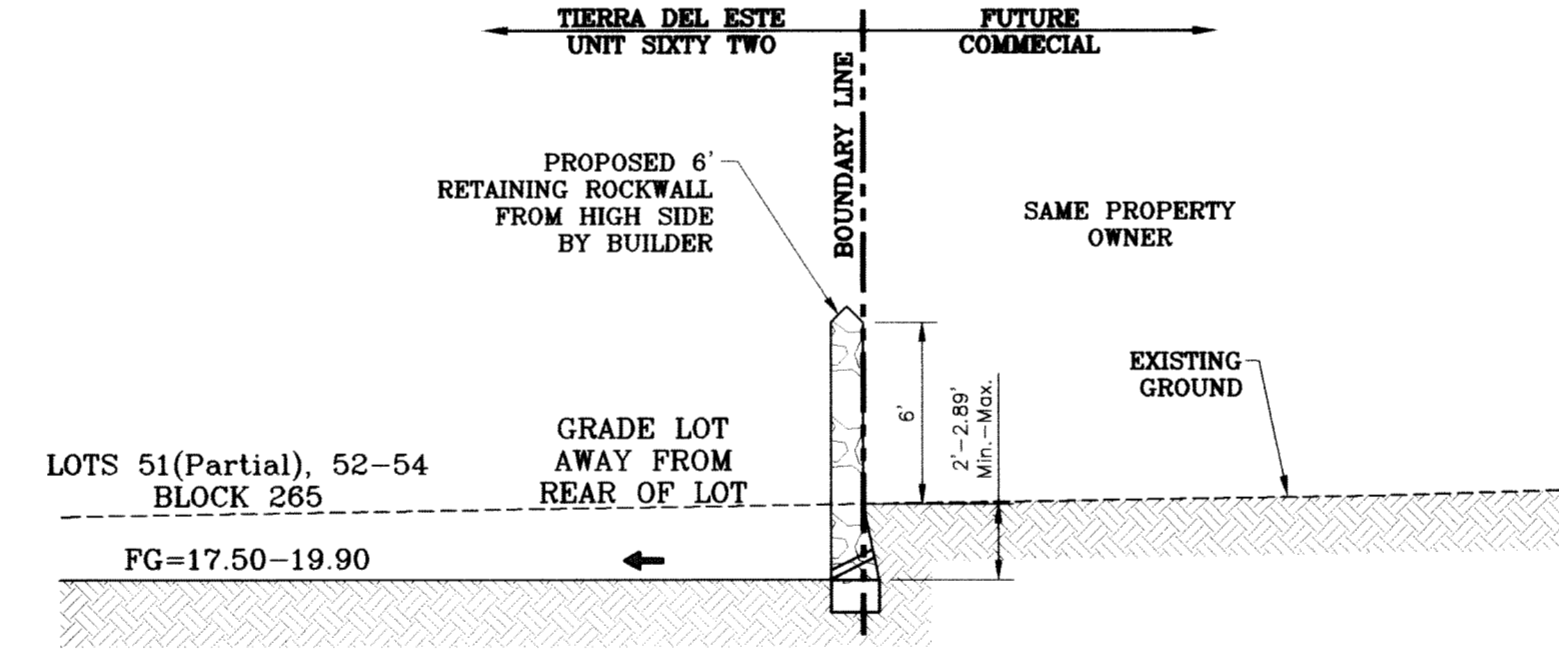
SECTION H1
SCALE: 1"=6'



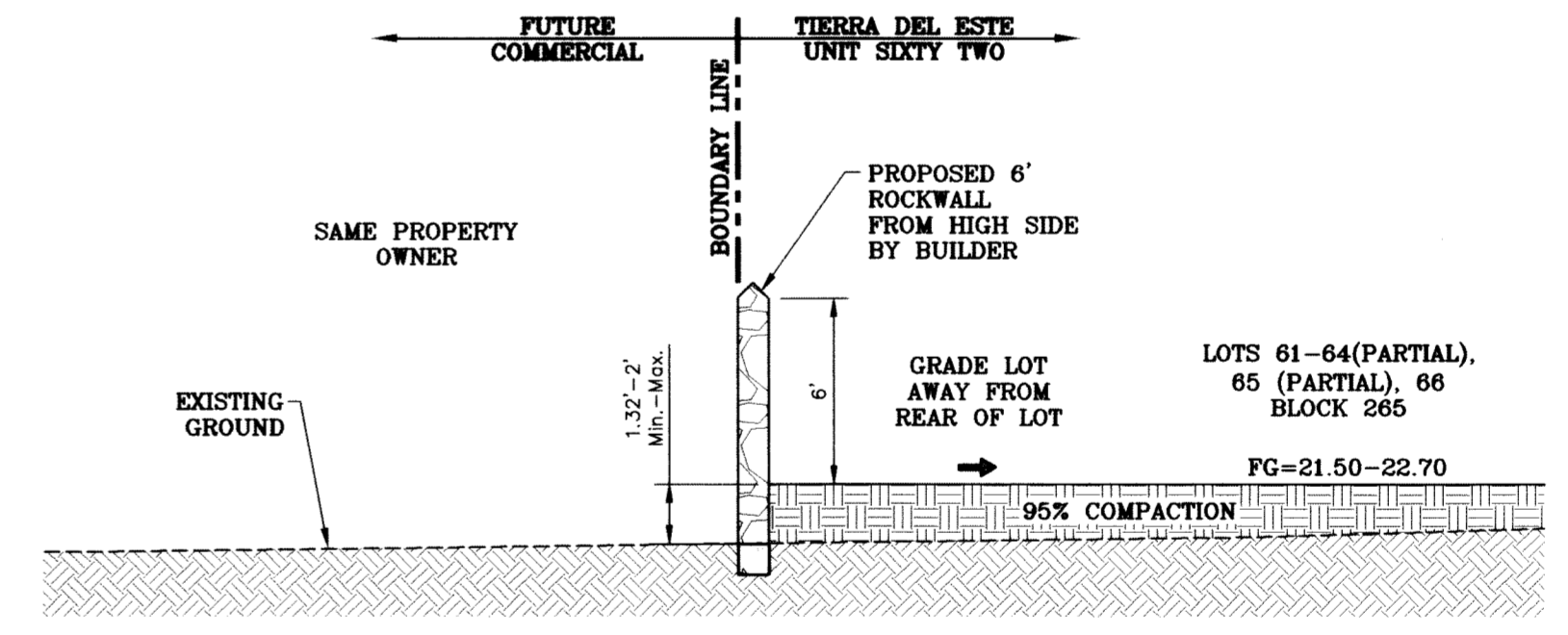
SECTION H
SCALE: 1"=6'



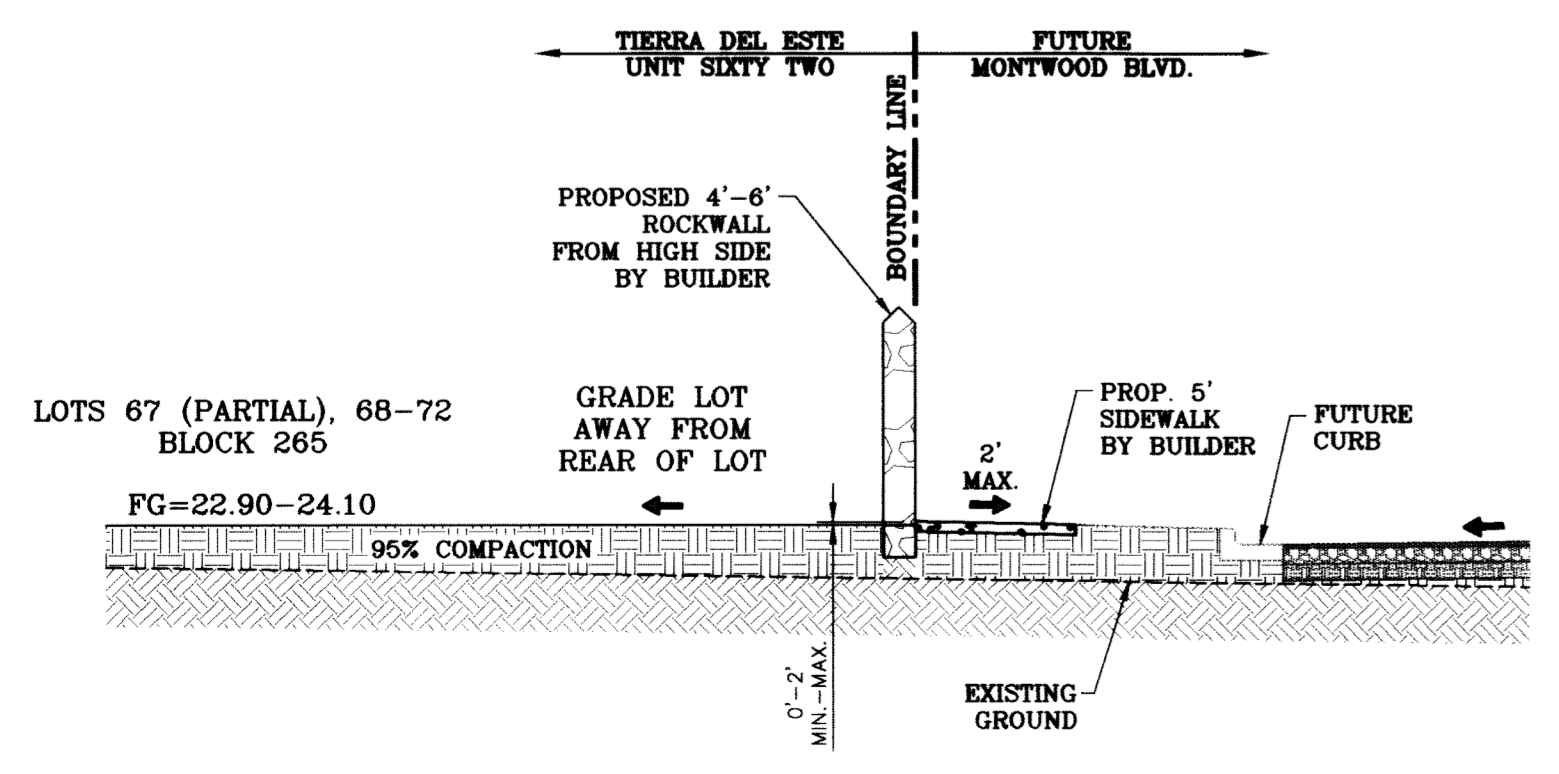
SECTION I
SCALE: 1"=6'



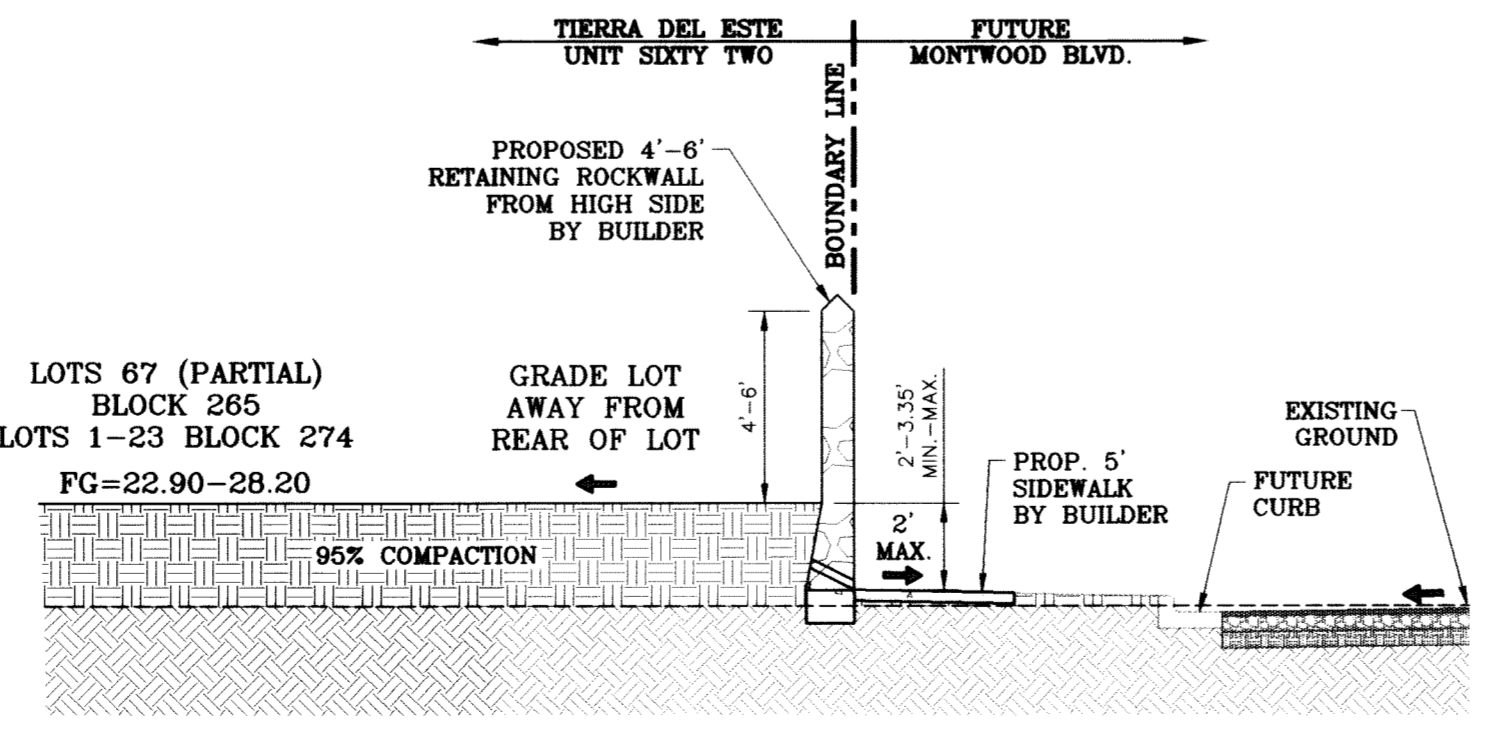
SECTION I1
SCALE: 1"=6'



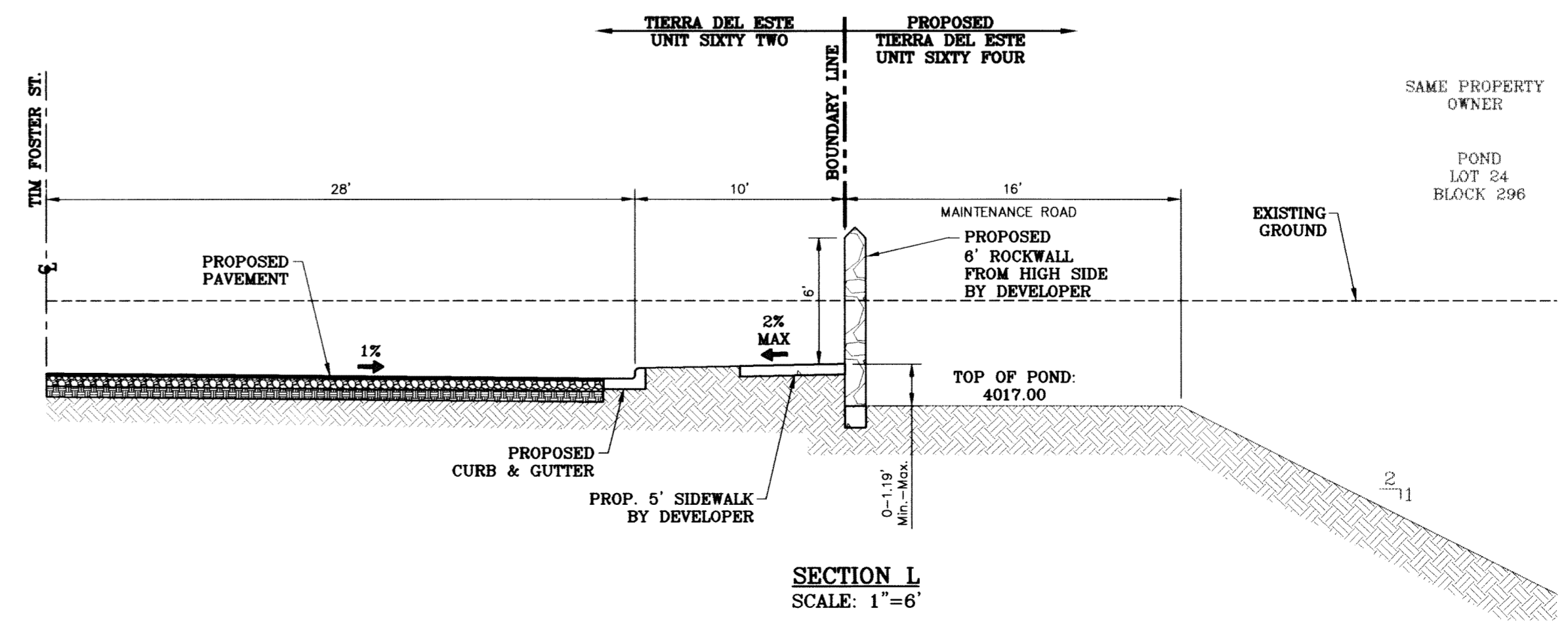
SECTION J
SCALE: 1"=6'



SECTION K
SCALE: 1"=6'



SECTION K1
SCALE: 1"=6'



SECTION L
SCALE: 1"=6'

BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
DATE	REVISIONS
BY	

PROJECT NAME
**TERRA DEL ESTE
UNIT SIXTY TWO**

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
EL PASO COUNTY, TEXAS.
CHECKED BY: YC
JOB NO.: 308-81

SCALE
HORIZAS NOTED
VERT: ---

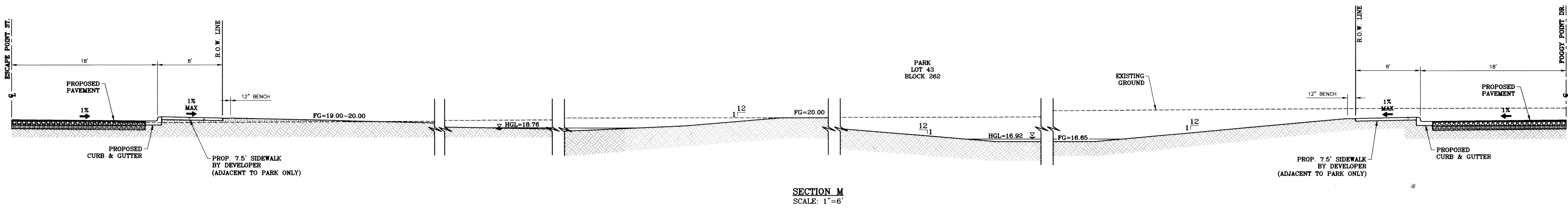
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC

ENGINEER'S SEAL
STATE OF TEXAS
TERRA DEL ESTE UNIT SIXTY TWO
68648
Professional Surveyor

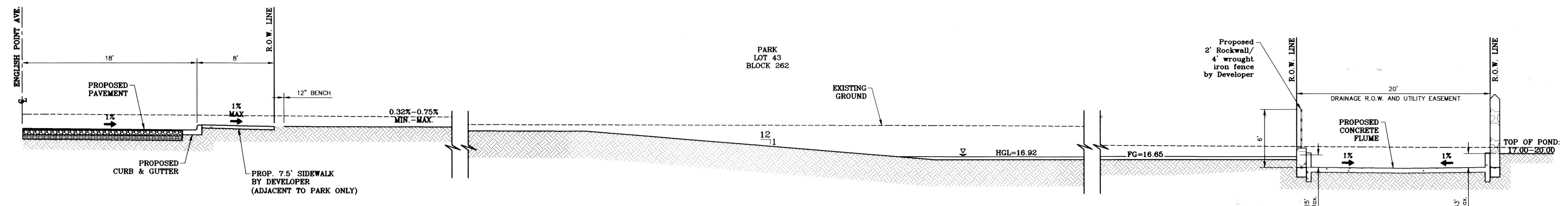
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
GRADING SECTIONS

C:\DWG_3D\Projects\TERRA DEL ESTE UNIT SIXTY TWO\TERRA DEL ESTE UNIT SIXTY TWO.dwg, 8/18/2011 12:30:00 PM

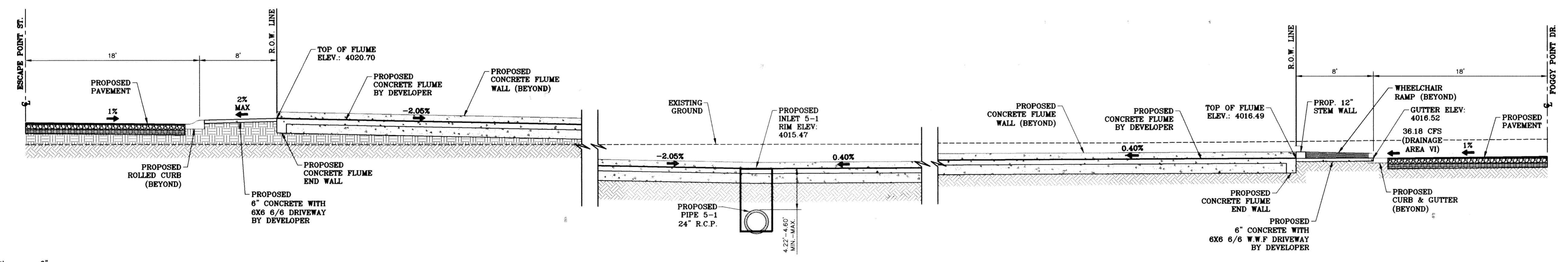


SECTION M
SCALE: 1"=6'

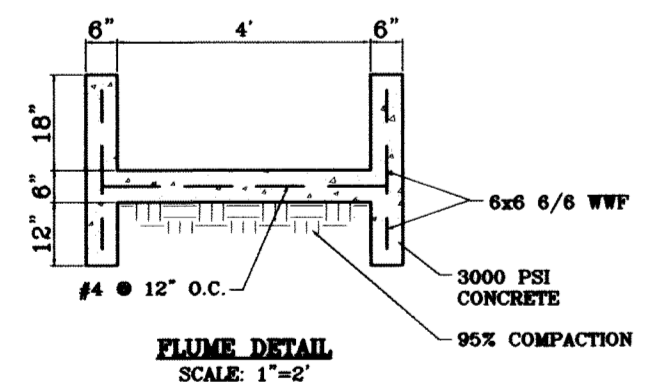


SECTION N
SCALE: 1"=6'

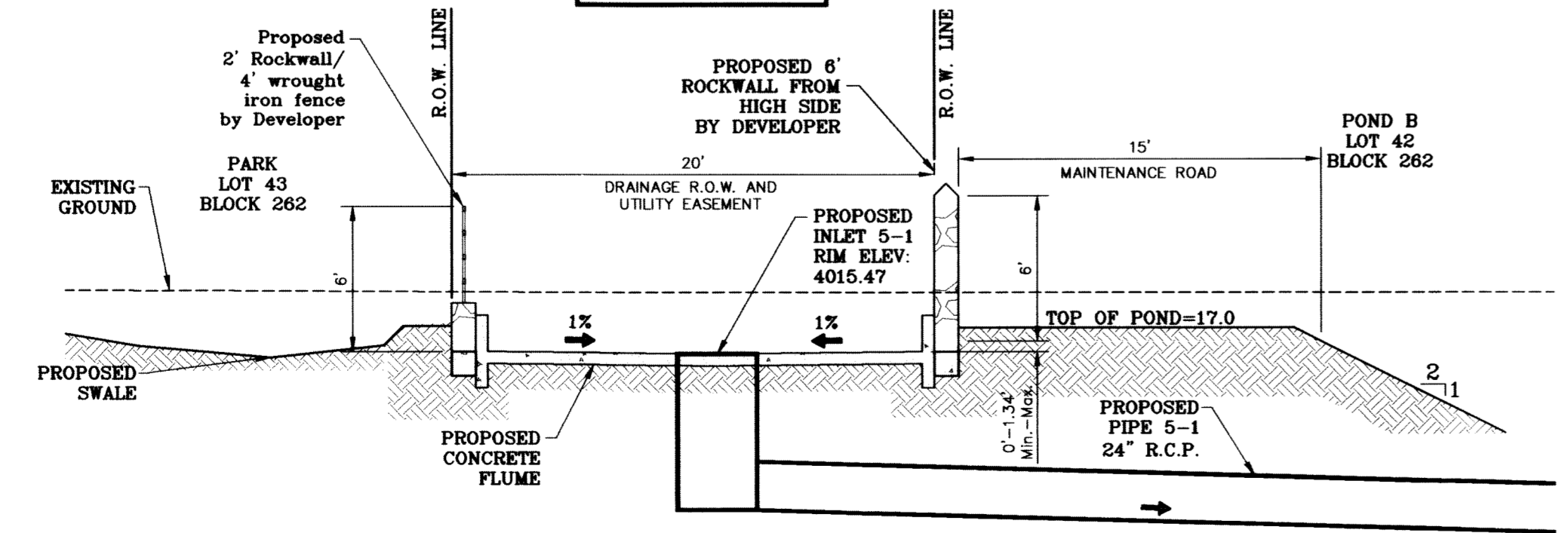
SEE SHEET 81 FOR
CONCRETE FLUME DETAILS



SECTION O
SCALE: 1"=6'

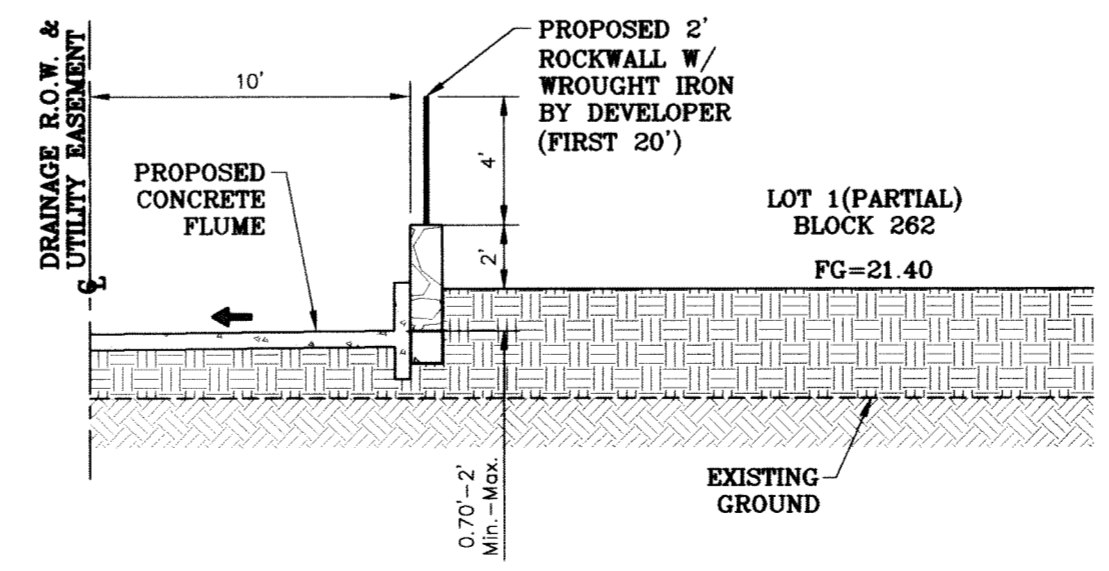


18' WIDE FLUME
Qd = 36.81 cfs
Qc = 341.89 cfs
V = 5.14 fps
D = 0.38'
S = VARIES
MIN = 0.078%
MAX = 0.2%
18' FLUME WALLS

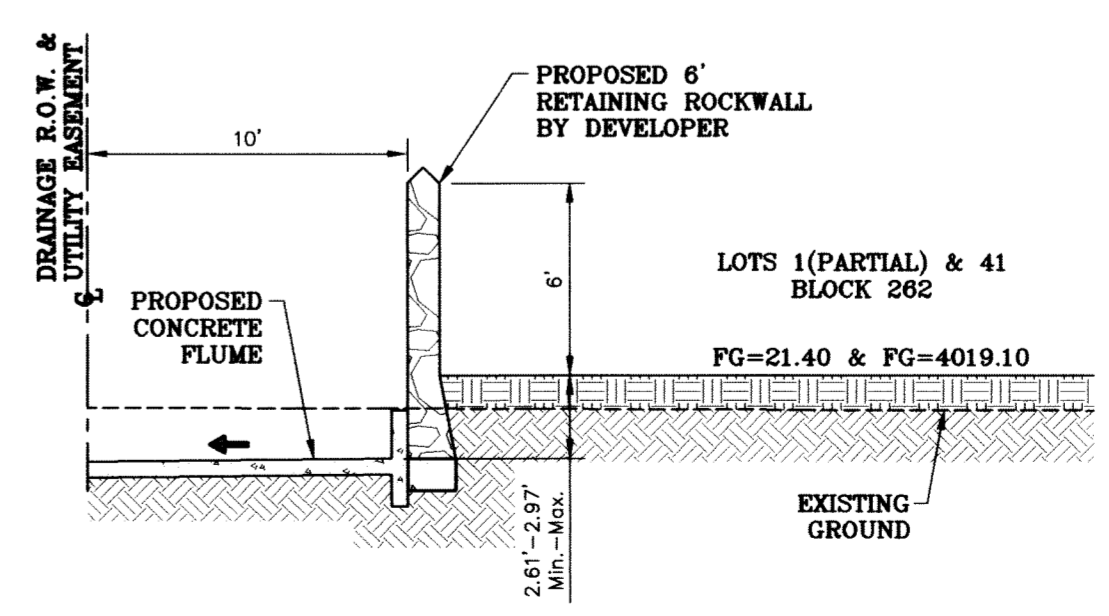


SECTION P
SCALE: 1"=6'

SEE SHEET 81 FOR
CONCRETE FLUME DETAILS



SECTION R
SCALE: 1"=6'



SECTION R1
SCALE: 1"=6'

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD AND RAINBOW POINT DR ELEVATION 4002.64

DATE	REVISIONS	BY
10/14/09	CITY RELINES AS PER 10/07/09 COMMENTS	E.F.G.
10/20/09	CITY RELINES AS PER 10/20/09 COMMENTS	E.F.G.
10/22/09	CITY RELINES COMMENTS: REVISE STREET NAME FOR SECTION O.	E.F.G.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PART OF A 3.48 AC. TRACT SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.982 ACRES

SCALE

HORIZ: AS NOTED

VERT: ---

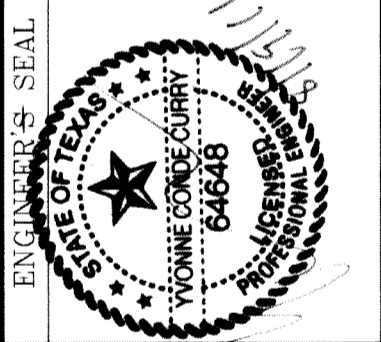
DATE: SEPT. 2008

DESIGN BY: YC

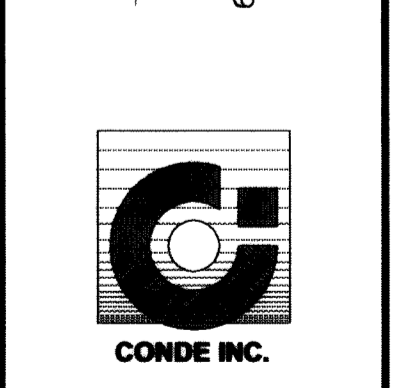
INITIATED BY: EFG

CHECKED BY: YC

JOB NO.: 308-81



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283



SHEET TITLE
GRADING SECTIONS

DRAINAGE AREA	AREA (acres)	tc min.	c	iso in/hr	Q ₅₀ cfs	POINT OF COLLECTION
I	8.50	27.00	0.60	3.33	16.99	TDE 61 POND #1
II	4.77	26.00	0.60	3.33	9.76	POND A
III	1.19	20.00	0.60	3.84	2.74	POND A
IV	17.44	26.00	0.60	3.41	35.88	POND A
V	15.62	26.00	0.60	3.41	31.95	POND B
VI	17.68	26.00	0.60	3.41	36.18	POND B
VII	1.04	10.00	0.90	5.00	4.66	TDE 64 POND #1
VIII	3.99	12.00	0.90	4.75	17.07	TDE 64 POND #2
IX	8.64	27.00	0.60	3.33	17.26	POND A
X	6.08	26.00	0.60	3.41	12.45	POND C
XI	11.49	26.00	0.60	3.41	23.51	POND C
XII	16.03	26.00	0.60	3.41	32.80	POND C
XIII	15.14	26.00	0.60	3.41	30.97	TDE 64 POND #2
OFFSITE A	2.50	10.00	0.90	5.00	11.25	POND A
OFFSITE B	0.54	10.00	0.90	5.00	2.44	POND A
OFFSITE C	1.40	11.00	0.90	4.90	6.17	POND B
OFFSITE D	3.29	25.00	0.60	3.49	6.89	TDE 64 POND #2
OFFSITE E	1.56	12.00	0.90	4.75	6.66	POND C
OFFSITE F	4.70	13.00	0.90	4.50	19.05	POND C
OFFSITE G	14.14	18.00	0.85	3.92	47.12	POND C
OFFSITE H	3.29	12.00	0.90	4.75	14.06	AS PER FUTURE MONTWOOD SUBDIVISION
OFFSITE I	3.05	11.00	0.90	4.90	13.44	TDE 64 POND #2
POND A	1.91	SEE POND CHART FOR CALCULATIONS				
POND B	2.07					
POND C	1.39					

LEGEND

Q RUN-OFF QUANTITY (CUBIC Ft/Sec)

A WATERSHED AREA (ACRES)

▲ HIGH POINT

▼ LOW POINT

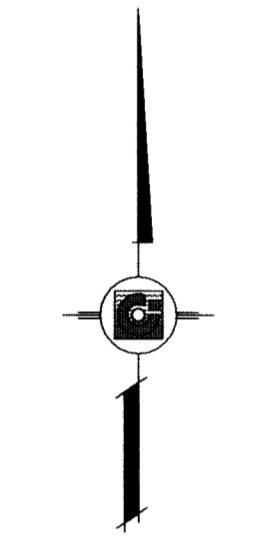
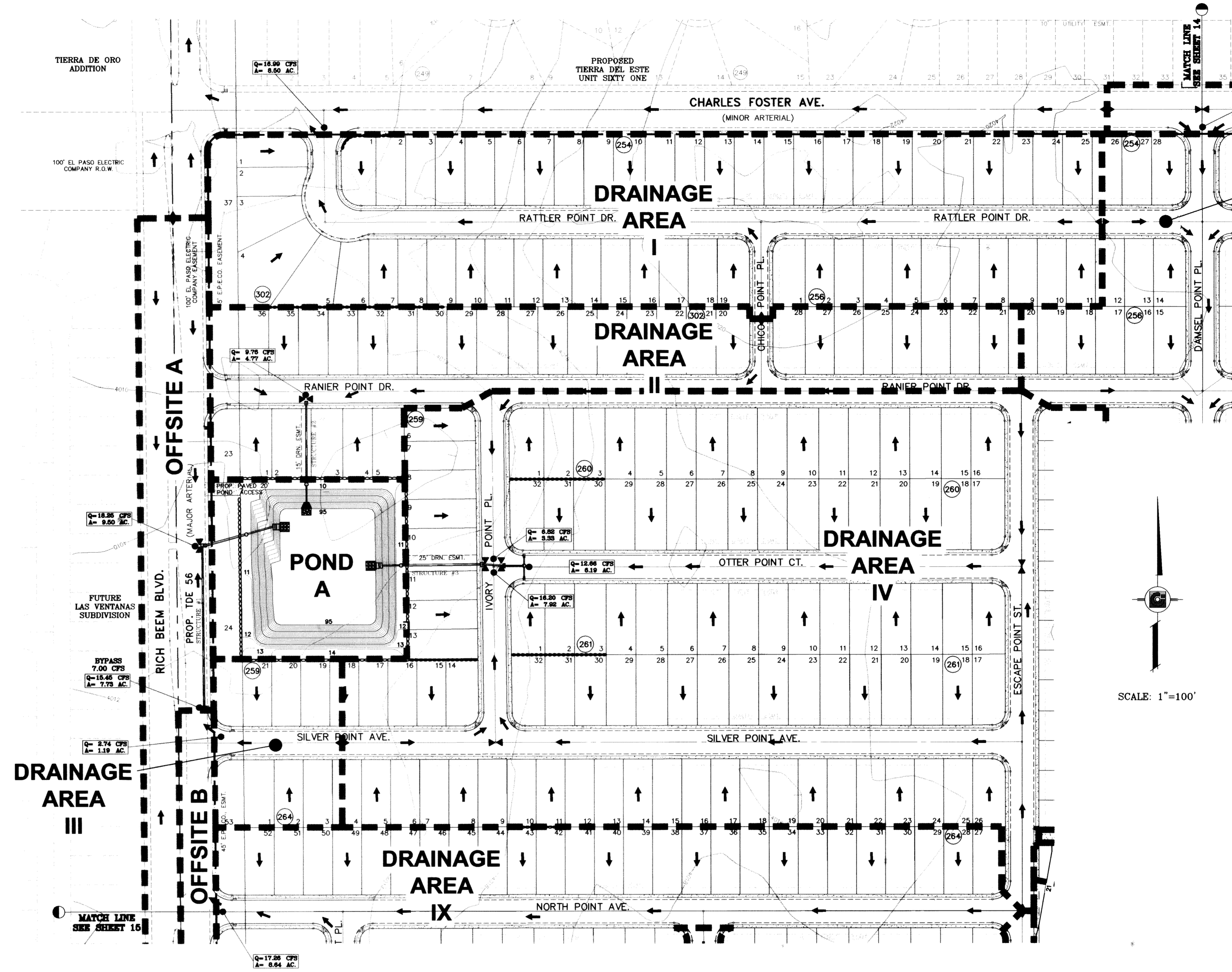
→ DRAINAGE FLOW

- - - PROPOSED DRAINAGE AREA

NOTE:
HEREON DESCRIBED TRACT LIES IN ZONE X, COMMUNITY PANEL NO. 480214 0043B. DATED OCTOBE 15, 1982.

SEE SHEET 68 FOR POND "A" SECTION DETAILS

SEE SHEET 72 AND 73 FOR DRAINAGE STRUCTURES #1, #2 AND #3.



HANDICAP RAMPS WILL BE CONSTRUCTED BY DEVELOPER AND TO INCLUDE TRUNCATED DOMES

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW DR. ELEVATION 4002.64	REVISIONS	BY
DATE	10/14/09	CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G.
DATE	10/22/09	CITY REDLINES COMMENT: REVISE DRAINAGE AREA IV AND CFS DRAINING TO STRUCTURE #3.
DATE	09/15/10	REVISED LOT LAYOUT AS PER REVISED PLAT R.R.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

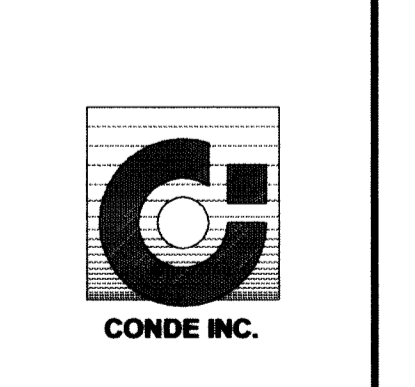
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

S C A L E

HORIZ: 1"=100'	DATE: SEPT. 2008
VERT: 1"=10'	DESIGN BY: YC
	INITIATED BY: EFG
	CHECKED BY: YC
	JOB NO.: 308-61



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SUBURY DR. SUE 100
EL PASO, TEXAS 79905
(915) 592-0283



SHEET TITLE
DRAINAGE PLAN

DRAINAGE AREA	AREA (acres)	tc min.	c	i ₅₀ in/hr	Q ₅₀ cfs	POINT OF COLLECTION
I	8.50	27.00	0.60	3.33	16.99	TDE 61 POND #1
II	4.77	26.00	0.60	3.33	9.76	POND A
III	1.19	20.00	0.60	3.84	2.74	POND A
IV	17.44	26.00	0.60	3.41	35.68	POND A
V	15.62	26.00	0.60	3.41	31.95	POND B
VI	17.68	26.00	0.60	3.41	36.18	POND B
VII	1.04	10.00	0.90	5.00	4.66	TDE 64 POND #1
VIII	3.99	12.00	0.90	4.75	17.07	TDE 64 POND #2
IX	8.64	27.00	0.60	3.33	17.26	POND A
X	6.08	26.00	0.60	3.41	12.45	POND C
XI	11.49	26.00	0.60	3.41	23.51	POND C
XII	16.03	26.00	0.60	3.41	32.80	POND C
XIII	15.14	26.00	0.60	3.41	30.97	TDE 64 POND #2
OFFSITE A	2.50	10.00	0.90	5.00	11.25	POND A
OFFSITE B	0.54	10.00	0.90	5.00	2.44	POND A
OFFSITE C	1.40	11.00	0.90	4.90	6.17	POND B
OFFSITE D	3.29	25.00	0.60	3.49	6.89	TDE 64 POND #2
OFFSITE E	1.56	12.00	0.90	4.75	6.66	POND C
OFFSITE F	4.70	13.00	0.90	4.50	19.05	POND C
OFFSITE G	14.14	18.00	0.85	3.92	47.12	POND C
OFFSITE H	3.29	12.00	0.90	4.75	14.06	AS PER FUTURE MONTWOOD SUBDIVISION
OFFSITE I	3.05	11.00	0.90	4.90	13.44	TDE 64 POND #2
POND A	1.91	SEE POND CHART FOR CALCULATIONS				
POND B	2.07					
POND C	1.39					

LEGEND

Q RUN-OFF QUANTITY (CUBIC Ft/Sec)

A WATERSHED AREA (ACRES)

▲ HIGH POINT

▼ LOW POINT

→ DRAINAGE FLOW

--- PROPOSED DRAINAGE AREA

NOTE:
HEREON DESCRIBED TRACT LIES IN ZONE X, COMMUNITY PANEL NO. 480214 0043B, DATED OCTOBE 15, 1982.

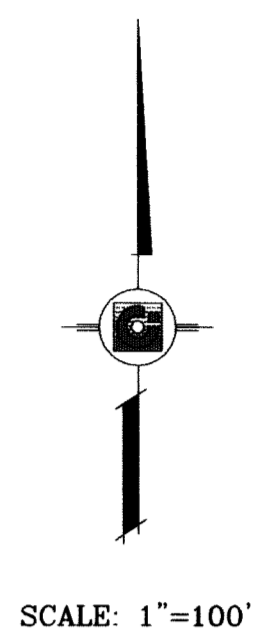
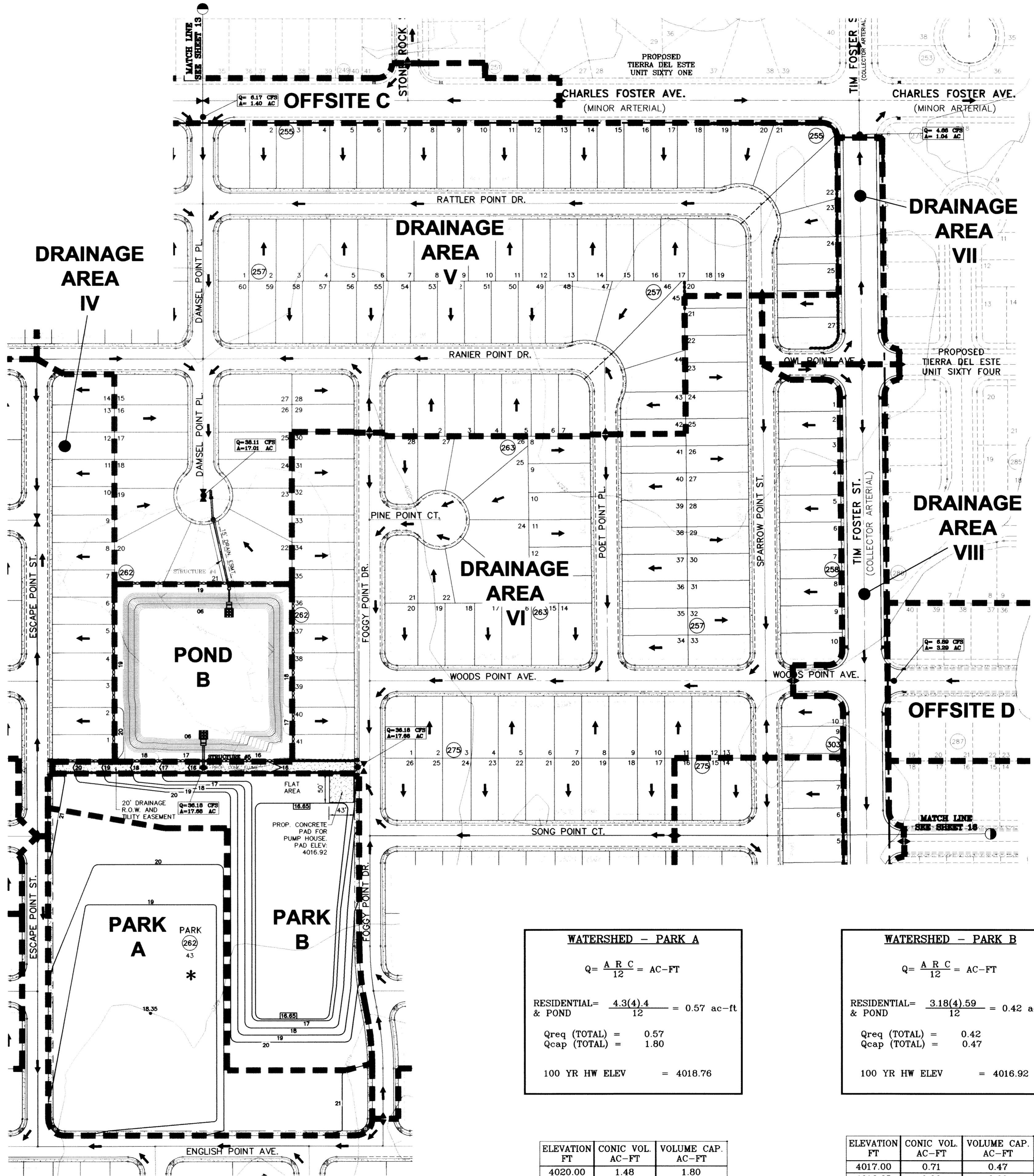
SEE SHEET 69 FOR POND "B" SECTION DETAILS

SEE SHEET 73 AND 74 FOR DRAINAGE STRUCTURES #4 AND #5.

*PARK SITE SHALL RETAIN ITS OWN RUNOFF

HANDICAP RAMPS WILL BE CONSTRUCTED BY DEVELOPER AND TO INCLUDE TRUNCATED DOMES

* SILT FENCE TO BE INSTALLED AND MAINTAINED ALONG THE PERIMETER OF THE PARK SITE UNTIL ALL ABUTTING RESIDENCES ARE DEVELOPED.



WATERSHED - PARK A

$$Q = \frac{A R C}{12} = AC-FT$$

RESIDENTIAL = $\frac{4.3(4).4}{12} = 0.57$ ac-ft
& POND

Q_{req} (TOTAL) = 0.57
Q_{cap} (TOTAL) = 1.80

100 YR HW ELEV = 4018.76

WATERSHED - PARK B

$$Q = \frac{A R C}{12} = AC-FT$$

RESIDENTIAL = $\frac{3.18(4).59}{12} = 0.42$ ac-ft
& POND

Q_{req} (TOTAL) = 0.42
Q_{cap} (TOTAL) = 0.47

100 YR HW ELEV = 4016.92

ELEVATION FT	CONIC VOL. AC-FT	VOLUME CAP. AC-FT
4020.00	1.48	1.80
4019.00	0.09	0.89
4018.35	0.00	0.00

ELEVATION FT	CONIC VOL. AC-FT	VOLUME CAP. AC-FT
4017.00	0.71	0.47
4016.65	0.00	0.00

BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64

REVISIONS

DATE	REVISIONS	BY
10/14/09	CITY REDLINES AS PER 10/07/09 COMMENTS	E.F.G.
10/20/09	CITY REDLINES COMMENTS; REVISE PARK CONTOURS	E.F.G.

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

ENGINEER'S SEAL

S.C.A.L.E
HORIZ: 1"=100'
VERT: ---

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 508-81

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR. STE 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
DRAINAGE PLAN

DRAINAGE AREA	AREA (acres)	tc min.	c	i ₅₀ in/hr	Q ₅₀ cfs	POINT OF COLLECTION
I	8.50	27.00	0.60	3.33	16.99	TDE 61 POND #1
II	4.77	26.00	0.60	3.33	9.76	POND A
III	1.19	20.00	0.60	3.84	2.74	POND A
IV	17.44	26.00	0.60	3.41	35.68	POND A
V	15.62	26.00	0.60	3.41	31.95	POND B
VI	17.68	26.00	0.60	3.41	36.18	POND B
VII	1.04	10.00	0.90	5.00	4.66	TDE 64 POND #1
VIII	3.99	12.00	0.90	4.75	17.07	TDE 64 POND #2
IX	8.64	27.00	0.60	3.33	17.26	POND A
X	6.08	26.00	0.60	3.41	12.45	POND C
XI	11.49	26.00	0.60	3.41	23.51	POND C
XII	16.03	26.00	0.60	3.41	32.80	POND C
XIII	15.14	26.00	0.60	3.41	30.97	TDE 64 POND #2
OFFSITE A	2.50	10.00	0.90	5.00	11.25	POND A
OFFSITE B	0.54	10.00	0.90	5.00	2.44	POND A
OFFSITE C	1.40	11.00	0.90	4.90	6.17	POND B
OFFSITE D	3.29	25.00	0.60	3.49	6.89	TDE 64 POND #2
OFFSITE E	1.56	12.00	0.90	4.75	6.66	POND C
OFFSITE F	4.70	13.00	0.90	4.50	19.05	POND C
OFFSITE G	14.14	18.00	0.85	3.92	47.12	POND C
OFFSITE H	3.29	12.00	0.90	4.75	14.06	AS PER FUTURE MONTWOOD SUBDIVISION
OFFSITE I	3.05	11.00	0.90	4.90	13.44	TDE 64 POND #2
POND A	1.91	SEE POND CHART FOR CALCULATIONS				
POND B	2.07					
POND C	1.39					

LEGEND

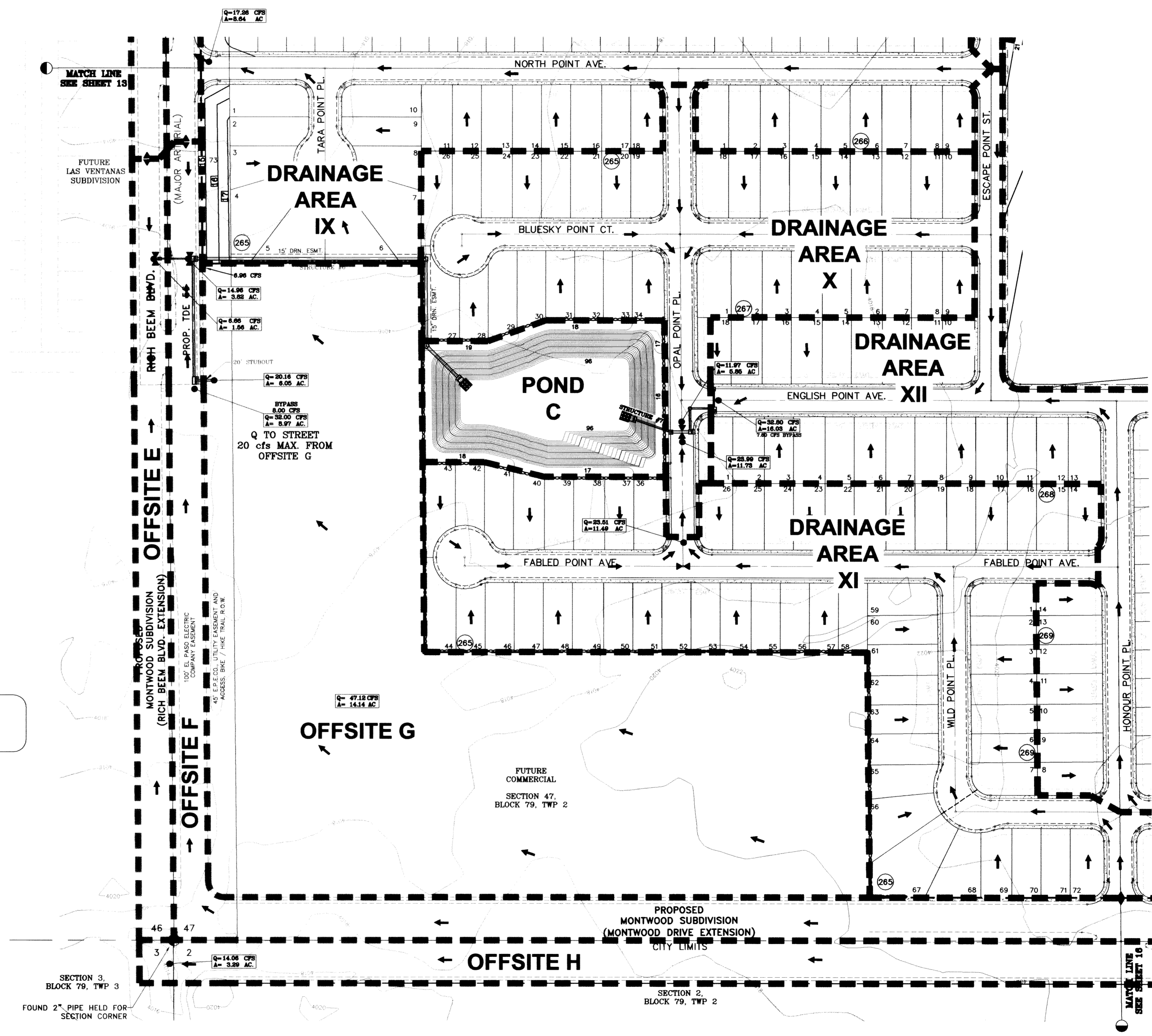
- Q RUN-OFF QUANTITY (CUBIC Ft/Sec)
- A WATERSHED AREA (ACRES)
- ▲ HIGH POINT
- ▼ LOW POINT
- DRAINAGE FLOW
- - - PROPOSED DRAINAGE AREA

Q TO STREET
20 cfs MAX. FROM
OFFSITE G

NOTE:
HEREON DESCRIBED TRACT LIES IN ZONE X, COMMUNITY PANEL NO. 480214 0043B DATED OCTOBE 15, 1982.

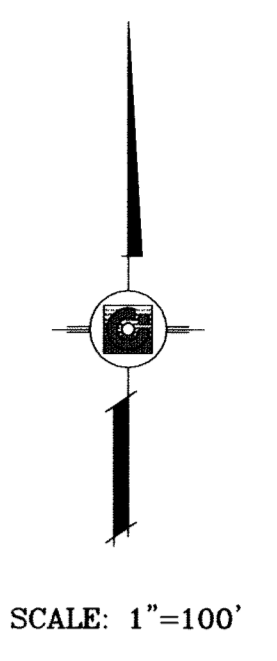
SEE SHEET 70 FOR POND "C" SECTION DETAILS

SEE SHEET 75 AND 76 FOR DRAINAGE STRUCTURES #6 AND #7.



A PRIVATE DRAINAGE EASEMENT WILL BE REQUIRED IF OFFSITE G IS SUBDIVIDED

HANDICAP RAMPS WILL BE CONSTRUCTED BY DEVELOPER AND TO INCLUDE TRUNCATED DOMES



BENCHMARK	CITY MONUMENT AT THE CENTRELINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
DATE	10/14/09
BY	E.F.G.
REVISIONS	CITY REDLINES AS PER 10/07/09 COMMENTS
DATE	10/22/09
BY	E.F.G.
REVISIONS	CITY REDLINE COMMENTS, ADD NOTE & CFS BYPASSING 20' STUBOUT FOR OFFSITE G
DATE	08/26/10
BY	E.F.G.
REVISIONS	REVISE MEDIAN OPENINGS

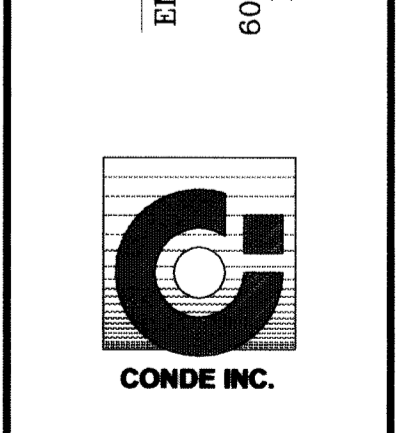
PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

SCALE
HORIZ: 1"=100'
VERT: ---

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: YC
CHECKED BY: YC
JOB NO.: 308-81

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283



SHEET TITLE
DRAINAGE PLAN

C:\01\3D Programs\TDE 62-75-10-subunit\dwg\TDE62_75_10.dwg, DRAWINGS, 8/18/2011 1:42:32 PM

DRAINAGE AREA	AREA (acres)	tc min.	c	i ₅₀ in/hr	Q ₅₀ cfs	POINT OF COLLECTION
I	8.50	27.00	0.60	3.33	16.99	TDE 61 POND #1
II	4.77	26.00	0.60	3.33	9.76	POND A
III	1.19	20.00	0.60	3.84	2.74	POND A
IV	17.44	26.00	0.60	3.41	35.68	POND A
V	15.62	26.00	0.60	3.41	31.95	POND B
VI	17.68	26.00	0.60	3.41	36.18	POND B
VII	1.04	10.00	0.90	5.00	4.66	TDE 64 POND #1
VIII	3.99	12.00	0.90	4.75	17.07	TDE 64 POND #2
IX	8.64	27.00	0.60	3.33	17.26	POND A
X	6.08	26.00	0.60	3.41	12.45	POND C
XI	11.49	26.00	0.60	3.41	23.51	POND C
XII	16.03	26.00	0.60	3.41	32.80	POND C
XIII	15.14	26.00	0.60	3.41	30.97	TDE 64 POND #2
OFFSITE A	2.50	10.00	0.90	5.00	11.25	POND A
OFFSITE B	0.54	10.00	0.90	5.00	2.44	POND A
OFFSITE C	1.40	11.00	0.90	4.90	6.17	POND B
OFFSITE D	3.29	25.00	0.60	3.49	6.89	TDE 64 POND #2
OFFSITE E	1.56	12.00	0.90	4.75	6.66	POND C
OFFSITE F	4.70	13.00	0.90	4.50	19.05	POND C
OFFSITE G	14.14	18.00	0.85	3.92	47.12	POND C
OFFSITE H	3.29	12.00	0.90	4.75	14.06	AS PER FUTURE MONTWOOD SUBDIVISION
OFFSITE I	3.05	11.00	0.90	4.90	13.44	TDE 64 POND #2
POND A	1.91	SEE POND CHART FOR CALCULATIONS				
POND B	2.07					
POND C	1.39					

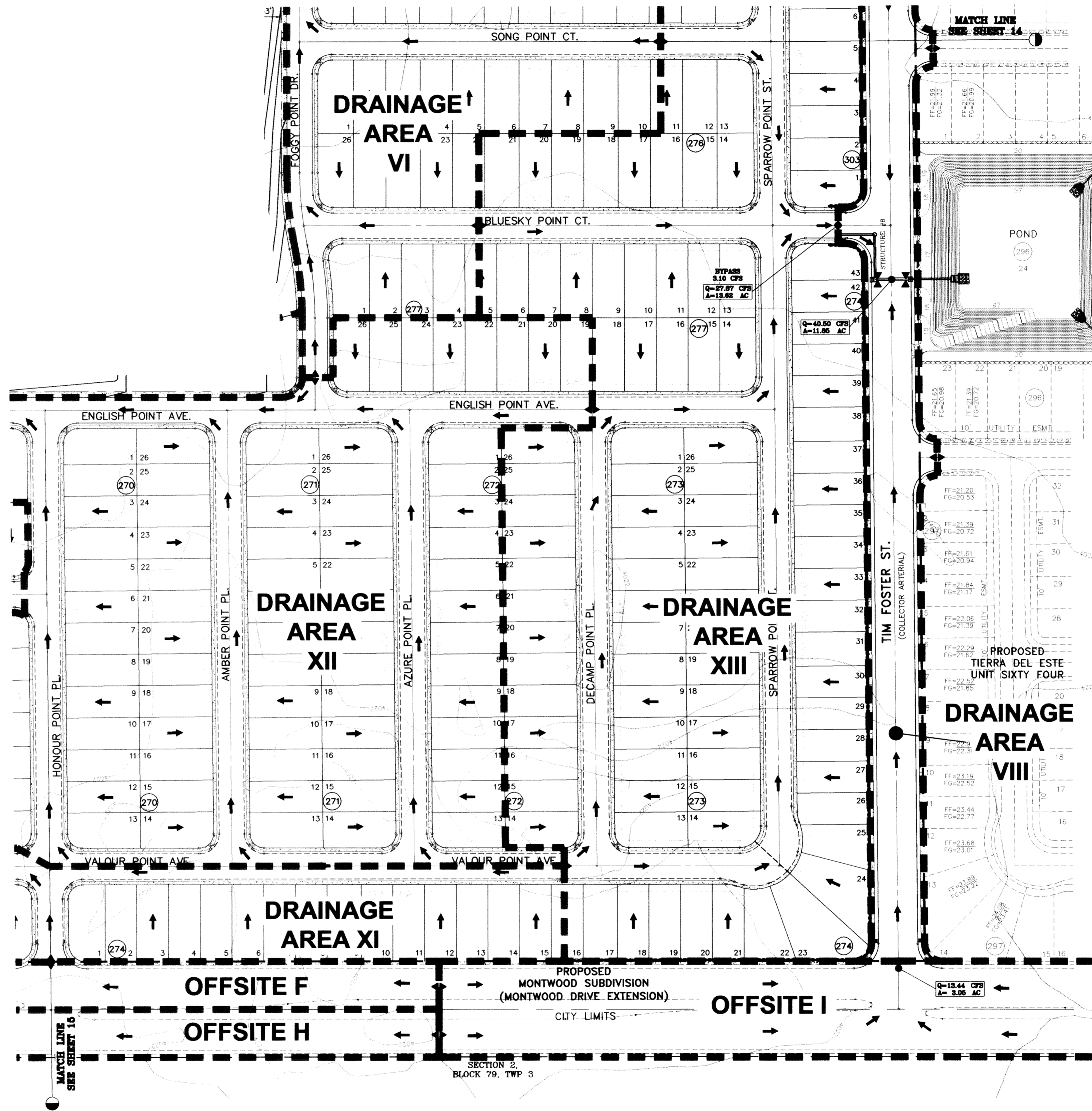
LEGEND

- Q RUN-OFF QUANTITY (CUBIC Ft/Sec)
- A WATERSHED AREA (ACRES)
- ▲ HIGH POINT
- ▼ LOW POINT
- DRAINAGE FLOW
- - - PROPOSED DRAINAGE AREA

NOTE:
HEREON DESCRIBED TRACT LIES IN ZONE X, COMMUNITY PANEL NO. 480214 0043B. DATED OCTOBE 15, 1982.

SEE SHEET 71 FOR TDE 64 POND SECTION DETAILS

SEE SHEET 77 FOR DRAINAGE STRUCTURES #8



HANDICAP RAMPS WILL BE CONSTRUCTED BY DEVELOPER AND TO INCLUDE TRUNCATED DOMES

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO

SCALE
HORIZ: 1"=100'
VERT: ---

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

ENGINEER'S SEAL
WYOMING CONDE CURRY
64648
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING
STATE OF TEXAS

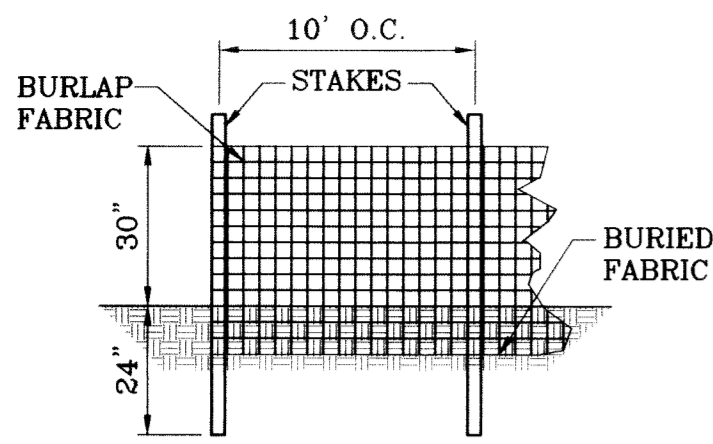
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE. 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
DRAINAGE PLAN

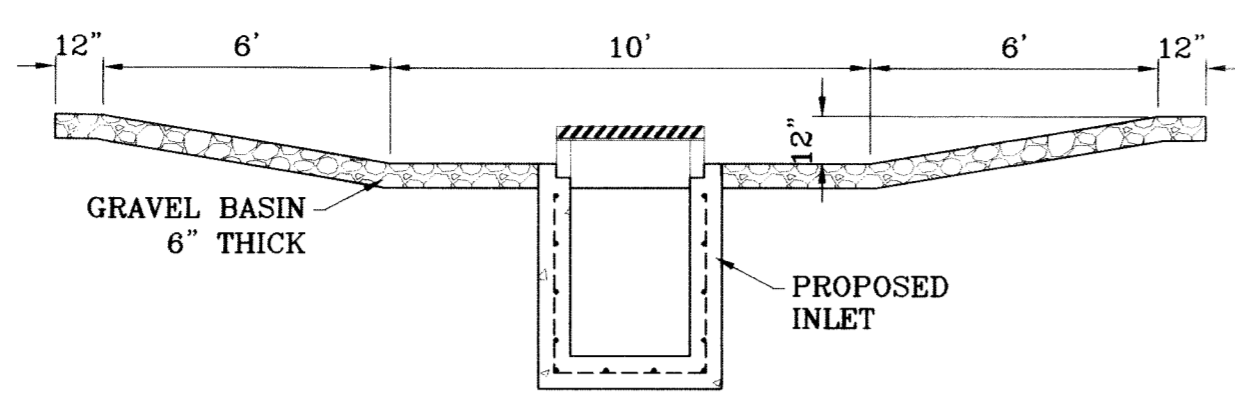
BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64

REVISIONS

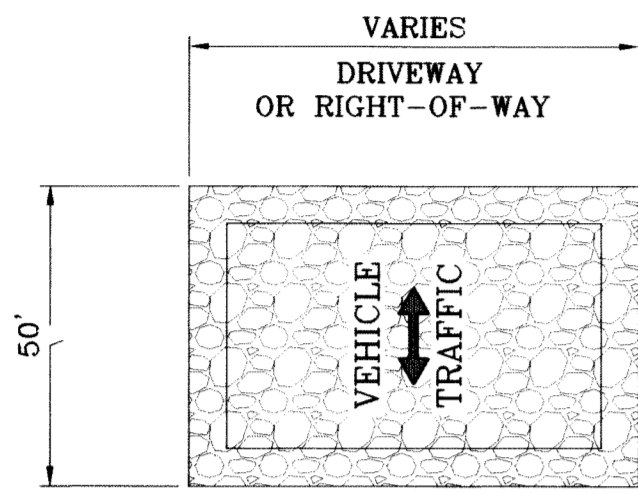
DATE	REVISIONS	BY
10/14/09	CITY REDLINES AS PER 10/07/09 COMMENTS	E.F.G.



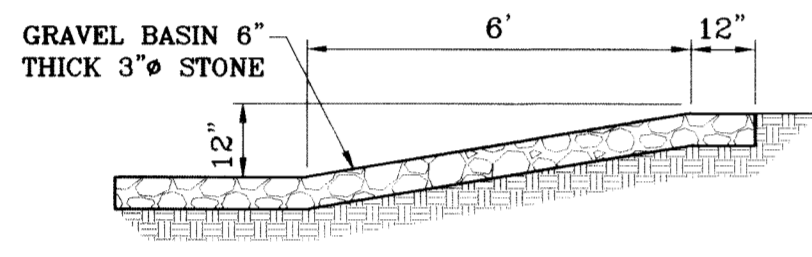
TYPICAL SILT FENCE
SCALE: 1"=3'



TEMPORARY STRUCTURE
DESILTING BASIN
SCALE: 1"=4'



GRAVEL ENTRANCE
SCALE: 1"=3'



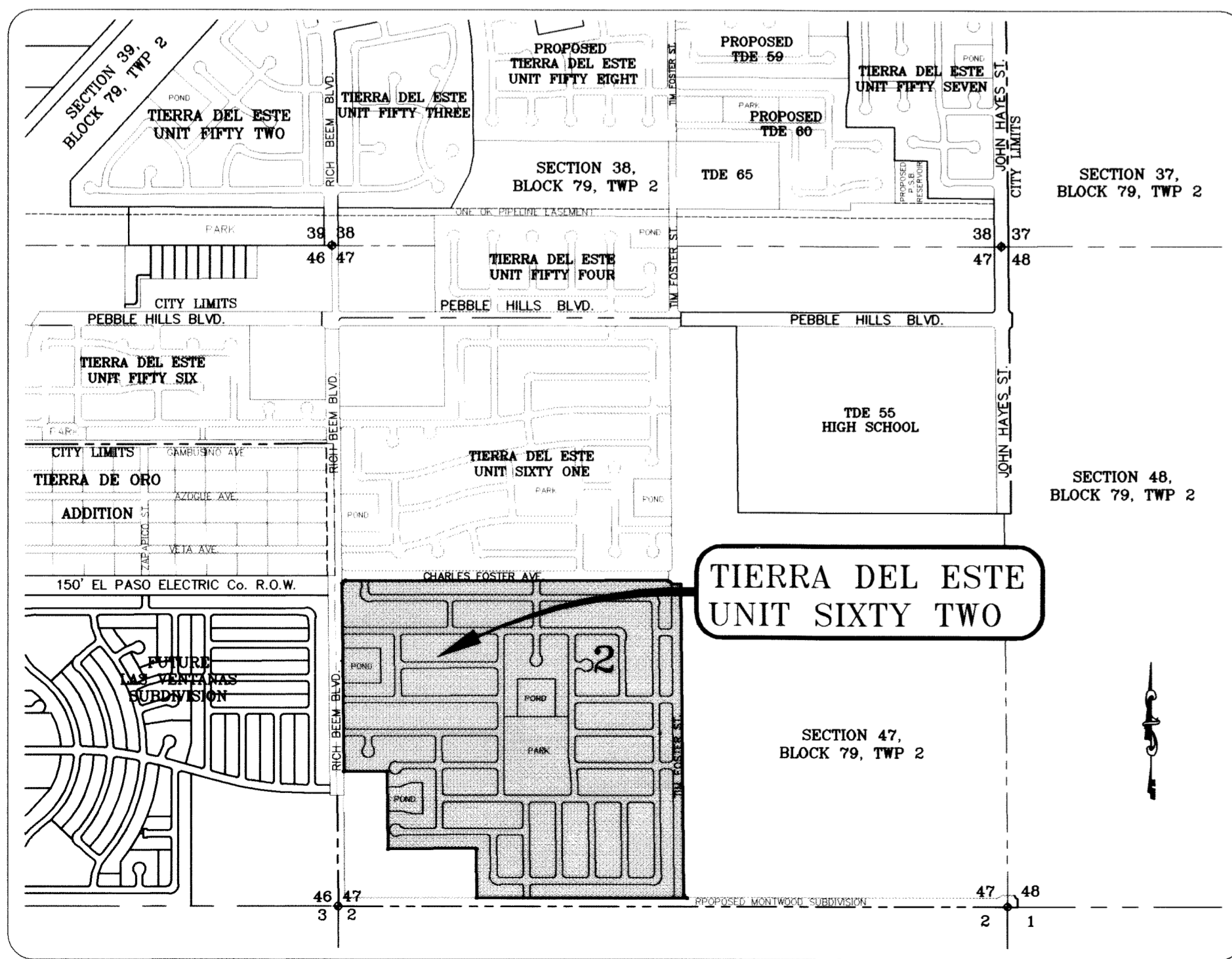
TYPICAL BERM
SCALE: 1"=3'

**STABILIZED ENTRANCE
EROSION CONTROL NOTES**

1. SILT FENCING OR TEMPORARY BERMS SHALL BE INSTALLED AT TIME OF CONSTRUCTION.
2. TEMPORARY SWALES AND DESILTING BASINS WILL BE PLACED WHERE NECESSARY IN ORDER TO CONVEY STORM WATER RUN-OFF.
3. A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEPED WEEKLY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE.
4. THE OWNER SHALL BE RESPONSIBLE FOR INSURING THAT ALL EROSION CONTROL METHODS ARE INSPECTED ON A MONTHLY BASIS OR AFTER EVERY ERODIBLE RAINFALL (1/2" OR MORE). ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL SHALL BE MADE AT THE TIME.
5. A TEMPORARY BERM SHALL BE PROVIDED AT THE TOE OF SLOPE AND LOT LINE AT TIME OF GRADING PRIOR TO ROCKWALL CONSTRUCTION.

LOCATION MAP

SCALE: 1"=1000'



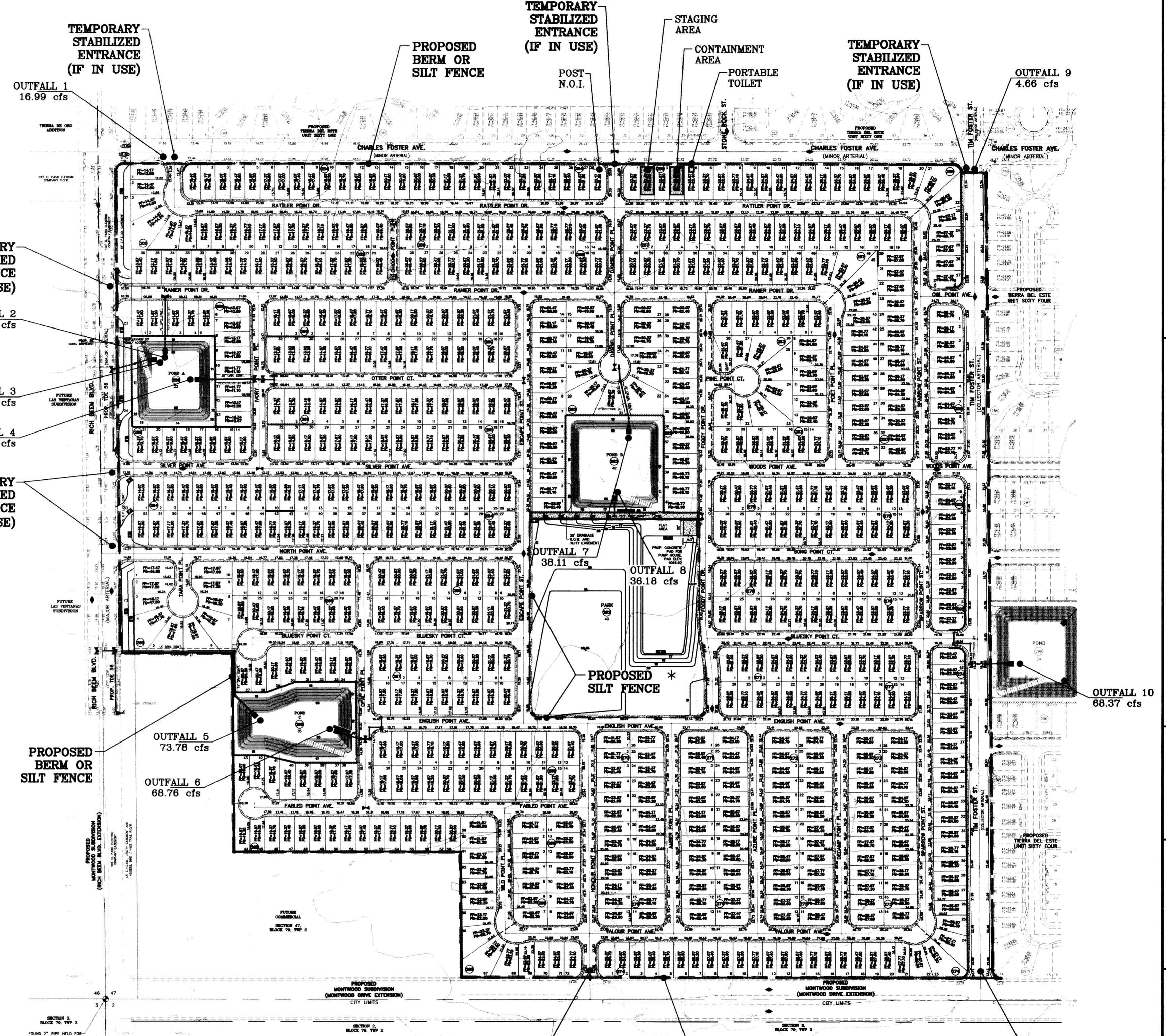
SCALE: 1"=200'

LEGEND

FF=00.67	PROPOSED FINISH GROUND AND FINISH FLOOR
FG=00.00	PROPOSED FINISH FLOOR
00.00	PROPOSED SPOT ELEVATION
▲	HIGH POINT
▼	LOW POINT
— 4000	EXISTING CONTOUR
- - - 4000	EXISTING SPOT ELEVATION
▭ 4000	PROPOSED CONTOUR
—	PROPOSED ROCK WALL
—	PROPOSED RETAINING WALL
- - -	PROPOSED SILT FENCE
Q	RUN-OFF QUANTITY (CUBIC FT/Sec)
A	WATERSHED AREA (ACRES)
→	DRAINAGE FLOW

- NOTES:**
1. T.P.D.E.S. PERMIT - AS REQUIRED BY CONTRACTOR
 2. STORM WATER AS PER N.P.D.E.S. PERMIT

* SILT FENCE TO BE INSTALLED AND MAINTAINED ALONG THE PERIMETER OF THE PARK SITE UNTIL ALL ABUTTING RESIDENCES ARE DEVELOPED.

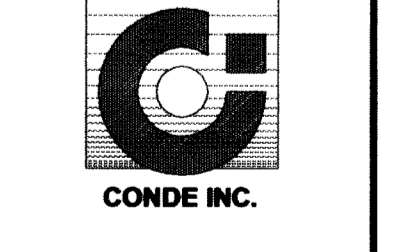


BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
DATE: 10/20/09
REVISIONS: 10/22/09 CITY REDLINES AS PER 10/20/09 COMMENTS: REVISE OUTFALL #4 E.F.G. 08/26/10 REVISE MEDIAN OPENINGS E.F.G.

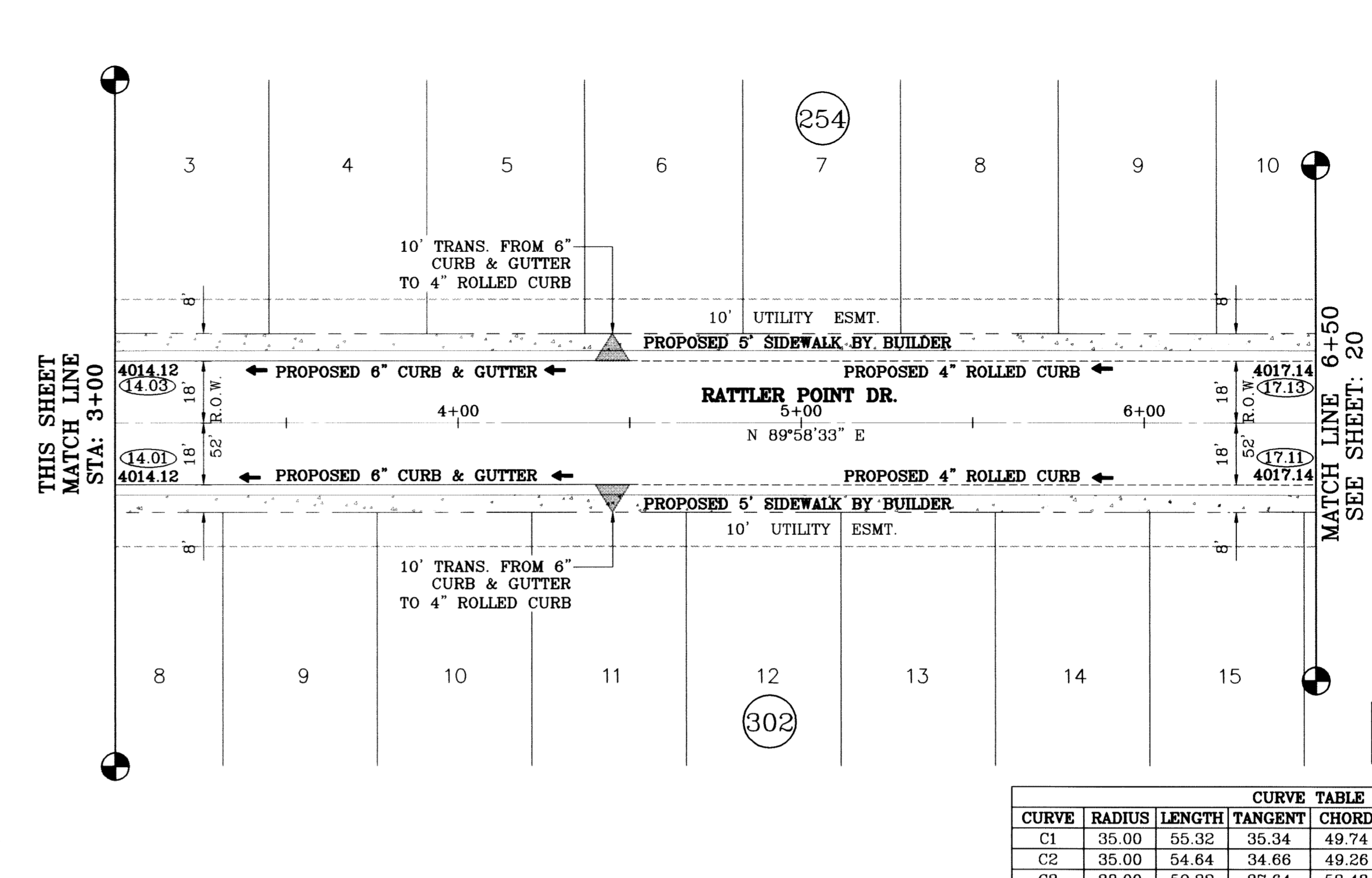
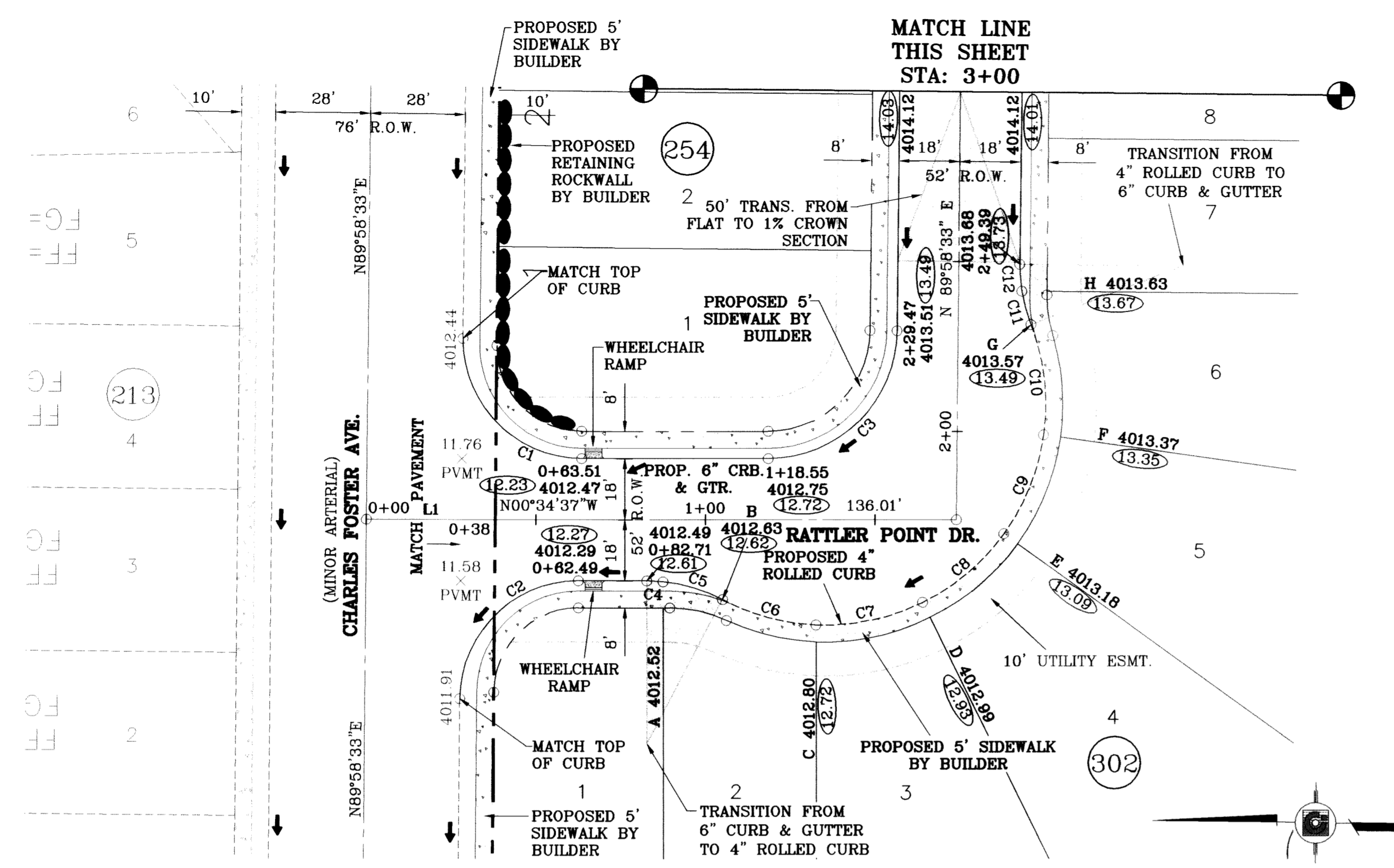
PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO
BRING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.982 ACRES

ENGINEER'S SEAL
HORIZ: 1"=200'
VERT: 1"=200'
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-61

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURBURY DR., STE. 100
EL PASO, TEXAS 79905
(915) 592-0283



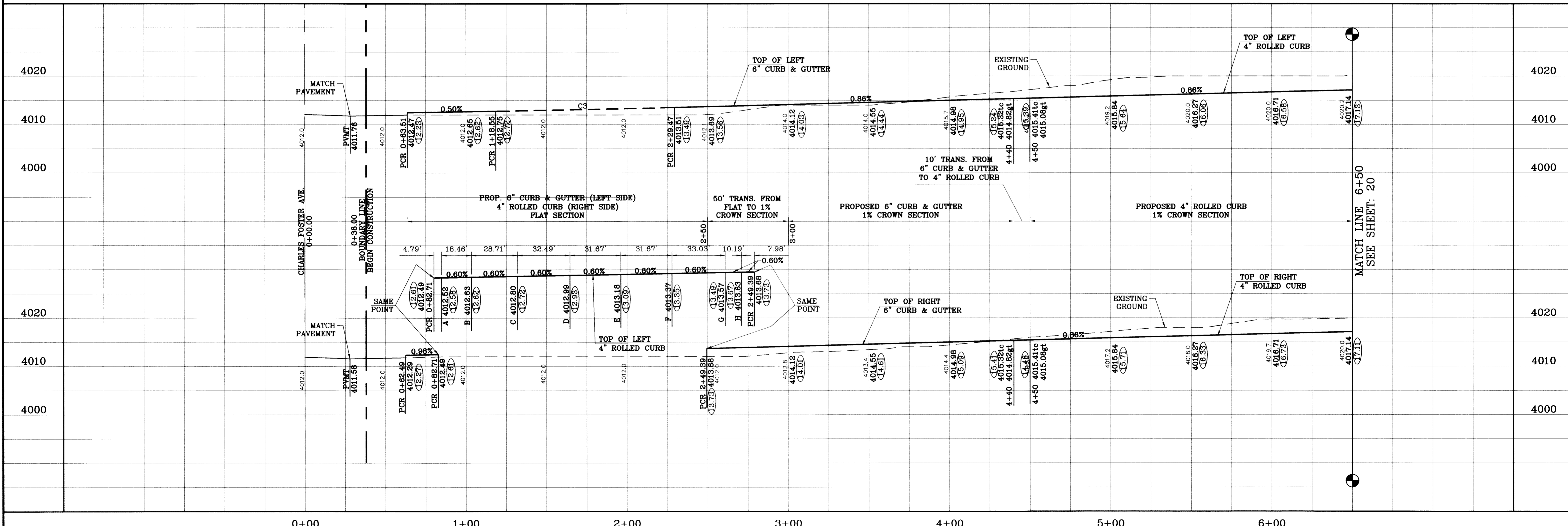
SHEET TITLE
STORM WATER POLLUTION PREVENTION PLAN



○ DENOTES AS BUILT CONDITION ONLY

LINE TABLE		
LINE	LENGTH	BEARING
L1	38.00	N00°34'37"W

CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	35.00	55.32	35.34	49.74	S44°41'58"W 90°33'10"
C2	35.00	54.84	34.66	49.26	N45°18'02"W 89°26'50"
C3	38.00	59.32	37.64	53.48	S45°18'02"E 89°26'50"
C4	48.00	4.79	2.40	4.79	N02°17'05"E 5°43'24"
C5	48.00	18.46	9.34	18.34	N16°09'42"E 22°01'50"
C6	65.00	28.71	14.59	28.48	S14°31'19"W 25°18'35"
C7	65.00	32.49	16.59	32.15	S12°27'09"E 28°38'22"
C8	65.00	31.67	16.15	31.35	S40°43'43"E 27°54'44"
C9	65.00	31.67	16.15	31.35	S68°38'27"E 27°54'44"
C10	65.00	33.03	16.88	32.68	N82°50'42"E 29°06'58"
C11	48.00	10.19	5.11	10.17	S74°22'09"W 12°09'54"
C12	48.00	7.98	4.00	7.97	S85°12'50"W 9°31'27"



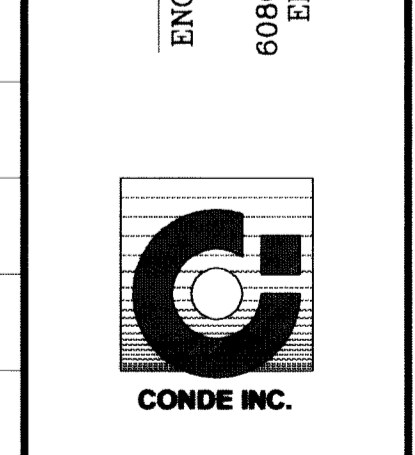
TIERRA DEL ESTE UNIT SIXTY TWO

REVISIONS		DATE	BY	COMMENTS
1	CITY REDLINES AS PER 10/07/08	10/16/08	EFG	REVISIONS TO PLAN
2	REVISIONS TO PLAN	07/25/10	R.R.	AS BUILT
3	AS BUILT	7/29/11	F.R.	

TIERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.982 ACRES

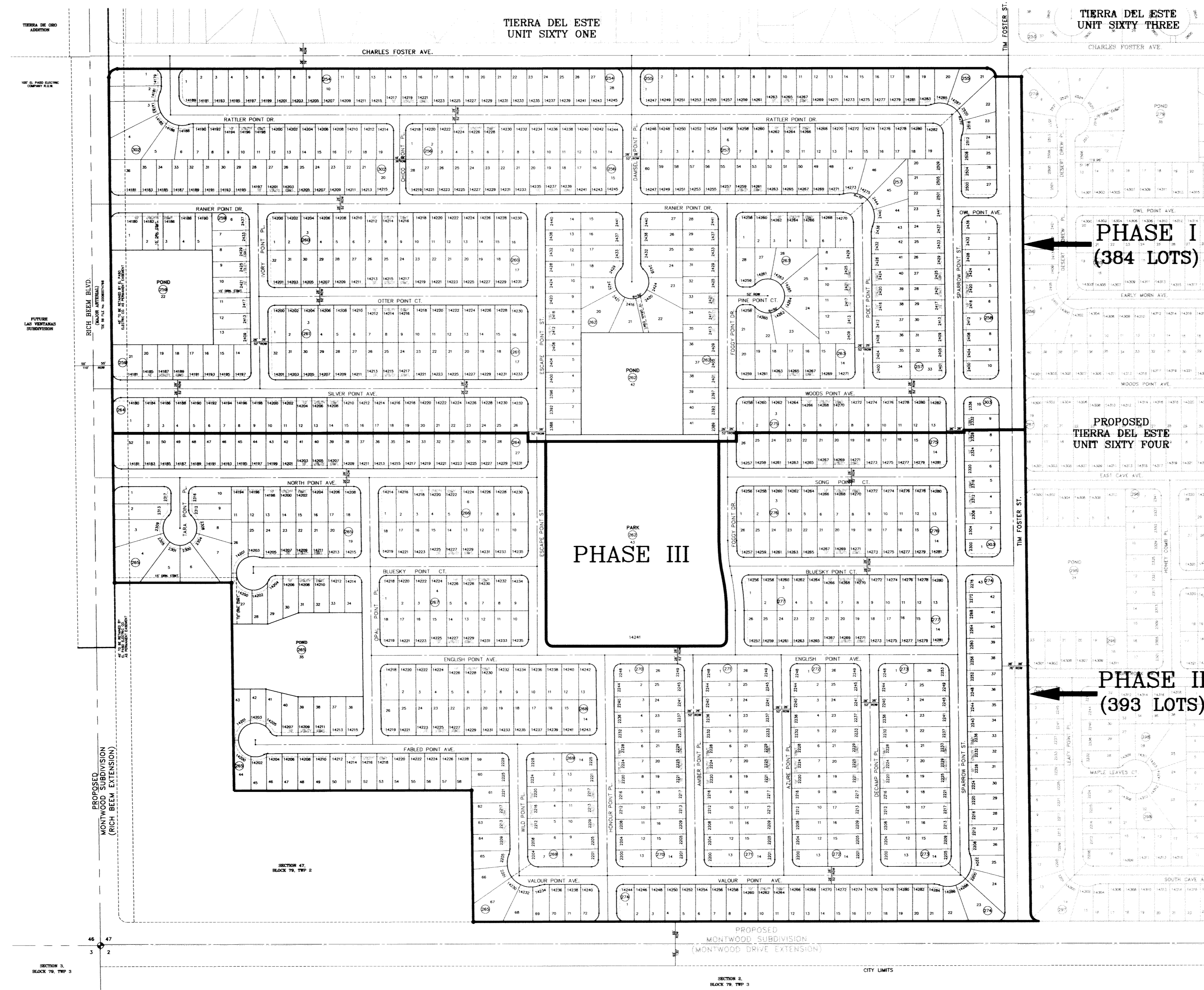
SCALE: 1"=30'
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR. STE. 100
 EL PASO, TEXAS 79905
 (815) 592-0283

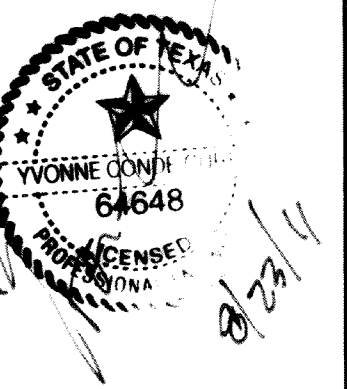


SHEET TITLE
RATTLER POINT DR.
 STA: 0+00 TO: 6+50

TIERRA DEL ESTE UNIT SIXTY TWO PHASE PLAN



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / CAD
 6000 SHERIDAN DR. STE 100
 EL PASO, TEXAS 79905
 PHONE (915) 582-0283
 FAX (915) 582-0286



TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 140.96 ACRES

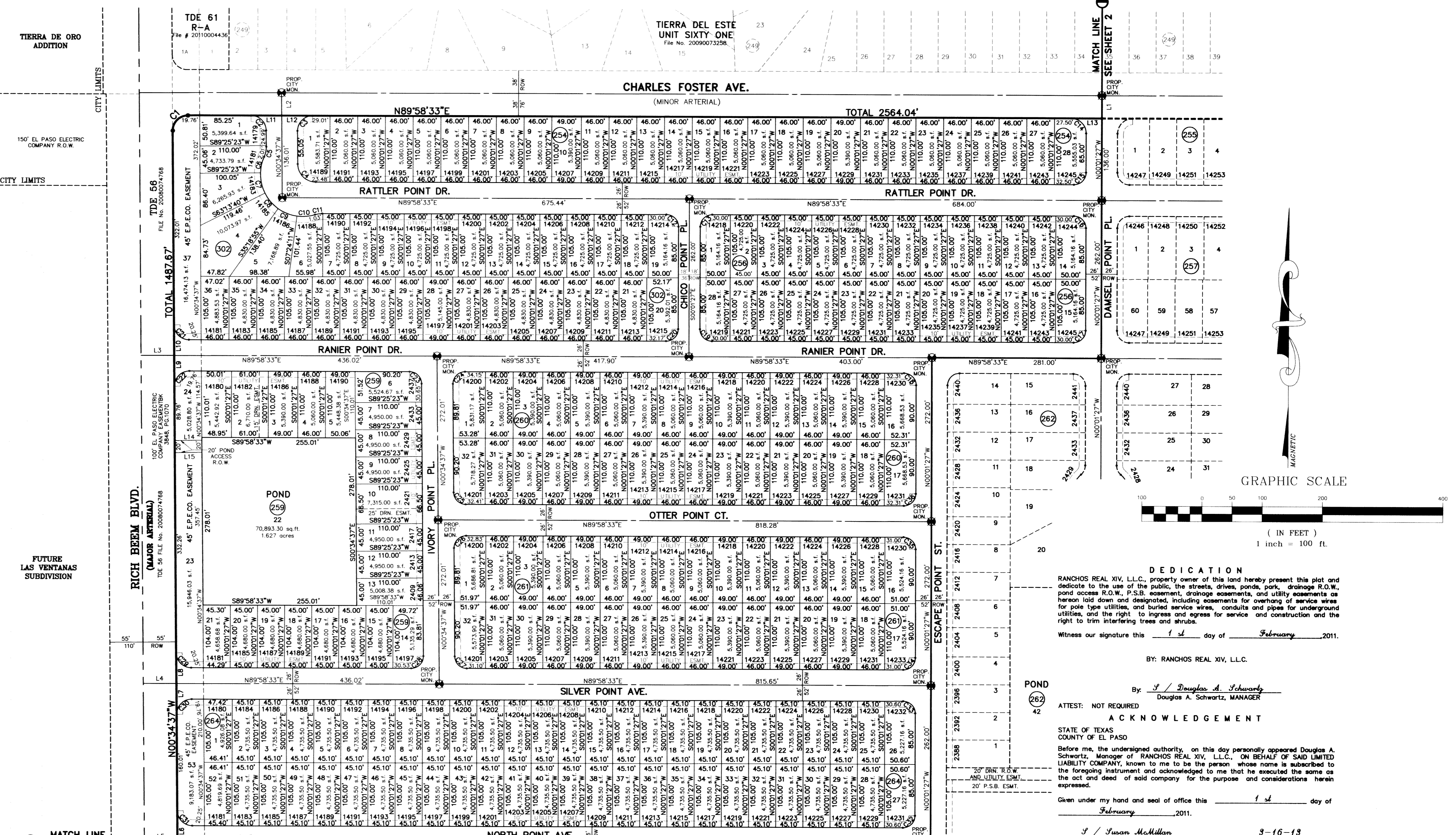
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	39.51	25.24	35.53	N44°41'58"E	90°33'10"
C2	25.00	39.03	24.76	35.18	N45°18'02"W	89°26'50"
C3	25.00	39.51	25.24	35.53	S44°41'58"W	90°33'10"
C4	30.00	46.83	29.71	42.22	S45°18'02"E	89°26'50"
C5	40.00	17.19	8.73	17.06	N11°43'59"E	24°21'02"
C6	70.00	27.31	13.83	27.13	S12°52'04"W	22°21'01"
C7	70.00	34.78	17.75	34.42	S12°32'24"E	28°27'53"
C8	70.00	34.10	17.40	33.77	S40°43'43"E	27°54'44"
C9	70.00	34.10	17.40	33.77	S68°38'27"E	27°54'44"
C10	70.00	31.26	15.37	30.83	N85°01'07"E	24°46'07"
C11	40.00	12.11	6.10	12.05	S81°18'18"W	17°20'29"
C12	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C13	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C14	25.00	39.27	25.00	35.36	N45°01'27"W	90°00'00"
C15	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C16	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C17	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C18	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C19	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C20	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C21	25.00	39.03	24.76	35.18	S45°18'02"E	89°26'50"
C22	25.00	39.51	25.24	35.53	S44°41'58"W	90°33'10"
C23	20.00	31.22	19.81	28.15	N45°18'02"W	89°26'50"
C24	20.00	31.61	20.19	28.42	S44°41'58"W	90°33'10"
C25	20.00	31.22	19.81	28.15	S45°18'02"E	89°26'50"
C26	20.00	31.61	20.19	28.42	S44°41'58"W	90°33'10"
C27	20.00	31.22	19.81	28.15	S45°18'02"E	89°26'50"
C28	20.00	31.61	20.19	28.42	N44°41'58"E	90°33'10"
C29	25.00	39.03	24.76	35.18	S45°18'02"E	89°26'50"
C30	25.00	39.51	25.24	35.53	S44°41'58"W	90°33'10"
C31	25.00	39.03	24.76	35.18	S45°18'02"E	89°26'50"
C32	20.00	31.22	19.81	28.15	S44°58'33"E	90°00'00"
C33	20.00	31.42	20.00	28.28	S45°01'27"W	90°00'00"
C34	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C35	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C36	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"

LINE	LENGTH	BEARING
L1	38.00	N00°01'27"W
L2	38.00	N00°34'37"W
L3	55.00	N89°58'33"E
L4	55.00	N89°58'33"E
L5	55.00	N89°58'33"E
L6	50.76	N00°34'37"W
L7	51.24	N00°34'37"W
L8	50.76	N00°34'37"W
L9	51.24	N00°34'37"W
L10	50.76	N00°34'37"W
L11	50.76	N89°58'33"E
L12	51.24	N89°58'33"E
L13	51.00	N89°58'33"E
L14	45.00	N89°25'23"E
L15	45.00	N89°25'23"E

Tierra Del Este Unit Sixty Two Notes:
 Tierra Del Este Subdivision Unit Sixty Two is subject to the Annexation Agreement entered into by Ranchos Real IV LDC with the City of El Paso on January 31, 2006. Among other conditions the agreement required the following:
 Item #1: Owner agrees to pay a water and wastewater connection fee to the El Paso Water Utilities Department of the City for each three quarter inch (3/4") equivalent water meter that is connected to the public water system as shown below. The water and wastewater connection fee shall be increased by three (3) percent on March 1, 2006, and each year thereafter. Payment of the water and wastewater connection fee shall be due at the time of application for water and wastewater to the system.

Meter Size	Water (\$)	Wastewater (\$)
5/8" x 3/4"	666	328
1"	1,396	609
1 1/2"	2,830	1,640
2"	4,528	2,624
3"	9,056	5,248
4"	14,150	8,200
6"	28,300	16,400
8"	52,827	30,613
10"	75,467	43,733

NOTES:
 WATER AND SEWER SERVICES WILL BE EXTENDED TO THIS SUBDIVISION (TIERRA DEL ESTE UNIT SIXTY TWO) FROM EXISTING EL PASO WATER UTILITIES/PUBLIC SERVICE BOARD FACILITIES AND WILL BE CONSTRUCTED AND OPERABLE AS OF FEBRUARY 2011.
 THE INSTRUMENT ASSURING THE CERTIFICATION THAT WATER AND SEWER SERVICES FACILITIES DESCRIBED BY THIS PLAT ARE IN COMPLIANCE WITH THE MODEL RULES ADOPTED UNDER SECTION 16.043, TEXAS WATER CODE IS FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.
 INSTRUMENT No. _____ DATE _____
 TAX CERTIFICATE FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORDS SECTION.
 INSTRUMENT No. 20110014504 DATE 3/3/2011
 VEHICULAR ACCESS TO THOSE RESIDENTIAL LOTS ABUTTING RICH BEEM BLVD., TIM FOSTER ST., CHARLES FOSTER AVE. AND FUTURE MONTWOOD BLVD. EXTENSION SHALL BE FROM OTHER DEDICATED STREETS ONLY. THE INSTRUMENT ASSURING RELEASE OF ACCESS IS FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.
 INSTRUMENT No. 20110014502 DATE 3/3/2011
 RESTRICTIVE COVENANTS FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.
 INSTRUMENT No. 20110014501 DATE 3/3/2011
 LOT CORNERS WILL BE SET UPON COMPLETION OF CONSTRUCTION OF ROADWAYS AND UTILITIES.
 "U.S. POSTAL SERVICE DELIVERY WILL BE PROVIDED THROUGH NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS."
 SET 1/2" REBAR WITH CAP MARKED TX 5152 AT ALL EXTERIOR BOUNDARY CORNERS UNLESS OTHERWISE NOTED.
 ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 480212-01756, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD ZONE X OUTSIDE THE 500 YEAR FLOOD PLAIN.
 NO PERMANENT STRUCTURES SHALL BE ALLOWED ONTO THE PERMANENT 45' EL PASO ELECTRIC COMPANY EASEMENT. (REFER TO ALL LOTS ABUTTING RICH BEEM BLVD.)
 BEARING BASIS IS PER PLAT OF TIERRA DEL ESTE UNIT SIXTY ONE RECORDED IN FILE NO. 2009073258, REAL PROPERTY RECORDS OF EL PASO COUNTY, TEXAS.



DEDICATION
 RANCHOS REAL XIV, L.L.C., property owner of this land hereby present this plat and dedicate to the use of the public, the streets, drives, ponds, park, drainage R.O.W., pond access R.O.W., P.S.B. easement, drainage easements, and utility easements as herein laid down and designated, including easements for overhead service wires for pole type utilities, and buried service wires, conduits and pipes for underground utilities, and the right to ingress and egress for service and construction and the right to trim interfering trees and shrubs.
 Witness our signature this 1st day of February, 2011.
 BY: RANCHOS REAL XIV, L.L.C.
 By: Douglas A. Schwartz
 Douglas A. Schwartz, MANAGER

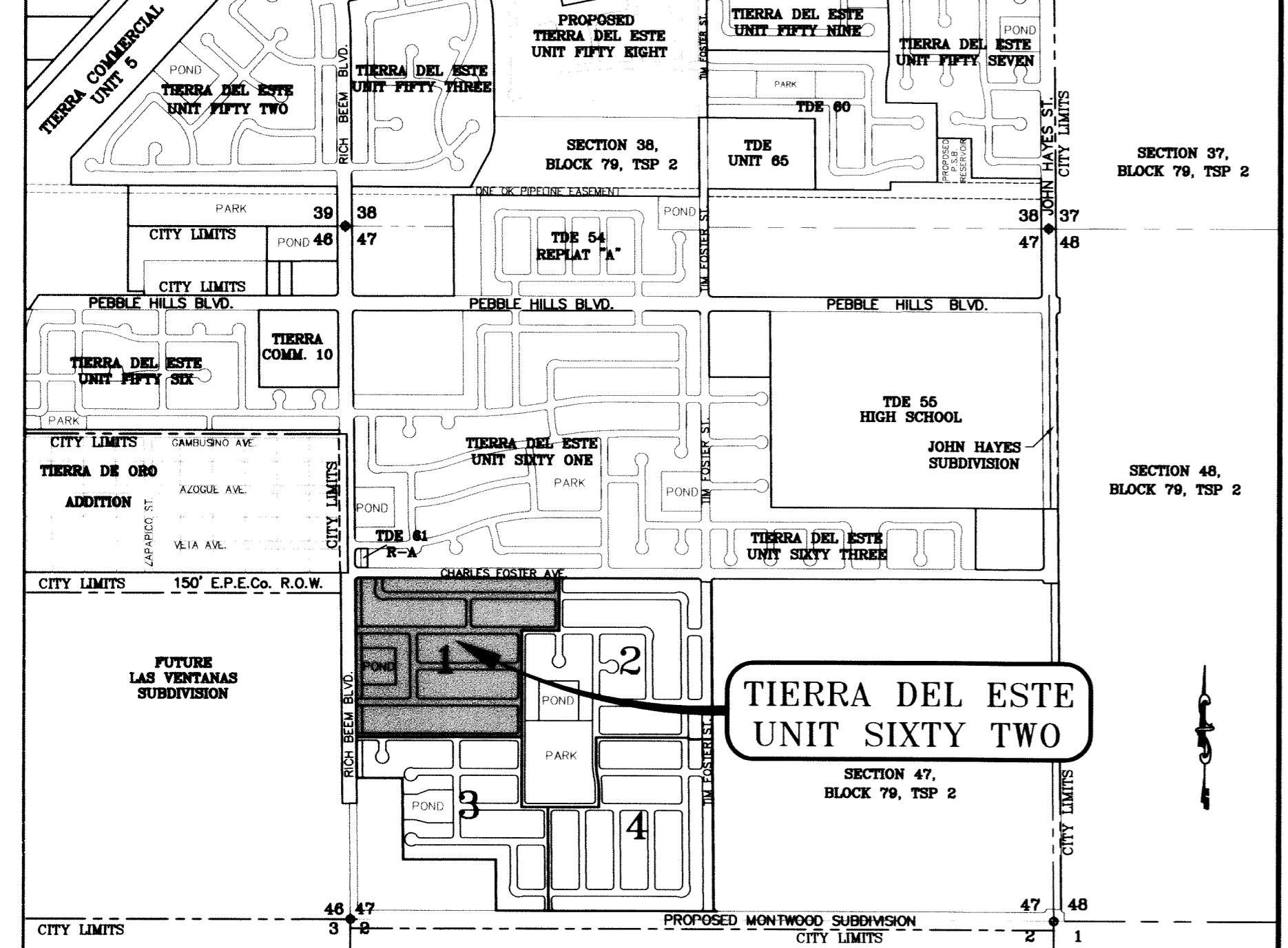
ACKNOWLEDGEMENT
 STATE OF TEXAS
 COUNTY OF EL PASO
 Before me, the undersigned authority, on this day personally appeared Douglas A. Schwartz, Manager of RANCHOS REAL XIV, L.L.C., on BEHALF OF SAID LIMITED LIABILITY COMPANY, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same as the act and deed of said company for the purpose and considerations herein expressed.
 Given under my hand and seal of office this 1st day of February, 2011.
S/ Susan McMillan 3-16-13
 Notary Public in and for El Paso County My Commission Expires

CITY PLAN COMMISSION
 This subdivision is hereby approved as to the platting and as to the condition of the dedication in accordance with Chapter 212 of the Local Government Code of Texas this 16th day of February, 2011.
S/ Matthew McElroy Secretary
S/ Robert B. Vandewort Chairperson
 Approved for filing this 7th day of February, 2011.
S/ Alan Hubbard City Engineer

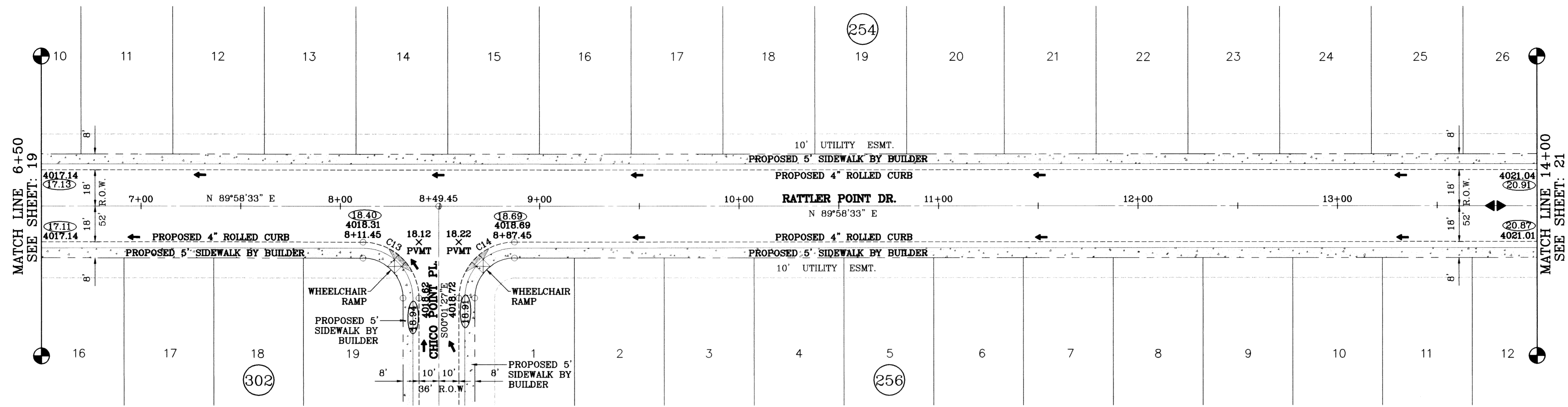
FILING
 Filed and recorded in the office of the County Clerk of El Paso County, Texas, this 3rd day of March, 2011, A.D. in File No. 20110014500
S/ Delia Briones County Clerk
S/ Jacqueline Myla By Deputy

Prepared by and under the supervision of:
 YVONNE CONDE CURRY, P.E.
 Registered Professional Engineer
 Registration No. 64648
 This plat represents a survey made on the ground by me or under my supervision and complies with the current Texas Board of Professional Land Survey Professional and Technical Standards.
S/ Yvonne Conde Curry Yvonne Conde Curry, P.E.
S/ Ron R. Conde Ron R. Conde, Registered Professional Land Surveyor Texas License No. 5152

LOCATION MAP SCALE: 1" = 100'



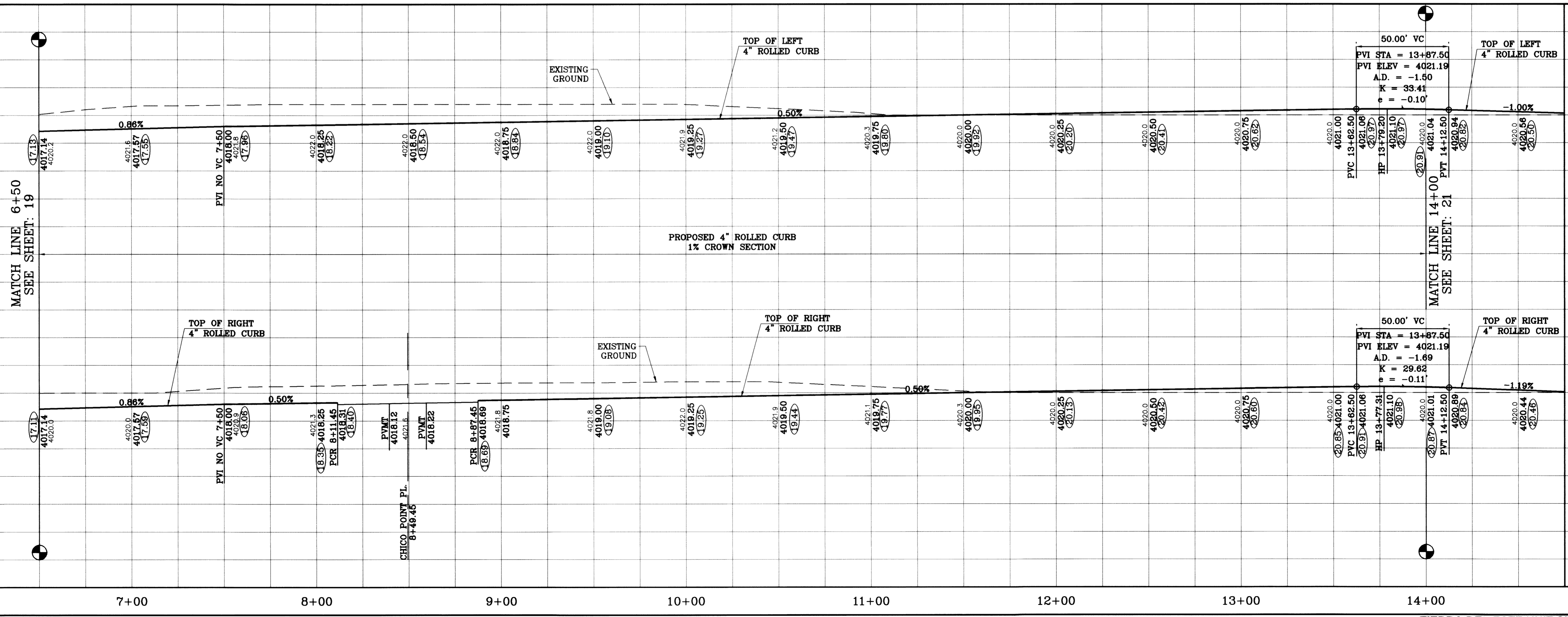
DATE OF PREPARATION: SEPTEMBER 05, 2008
CONDE INC.
 ENGINEERING PLANNING
 SURVEYING
 6080 SUBBITY DR. STE. 100
 EL PASO, TEXAS 79905
 PHONE: (915) 582-0285
 FAX: (915) 582-0286



SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

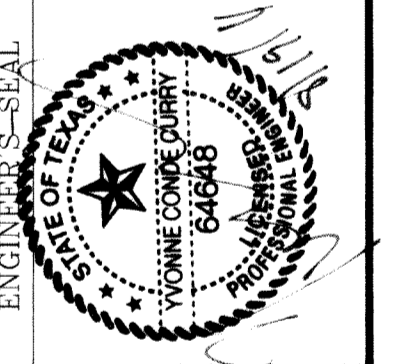
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C13	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C14	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"



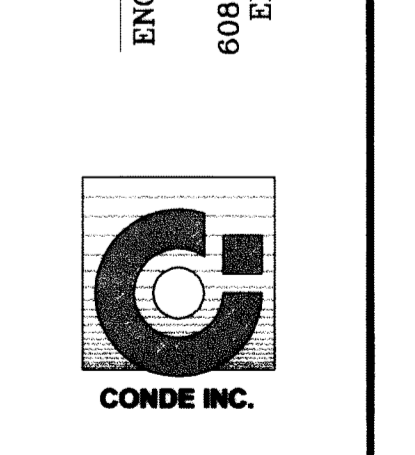
BENCHMARK	
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.	ELEVATION 4002.64
DATE	7/25/11
REVISIONS	AS BUILT
BY	F.R.

TERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, EL PASO COUNTY, TEXAS. CONTAINING 140.962 ACRES

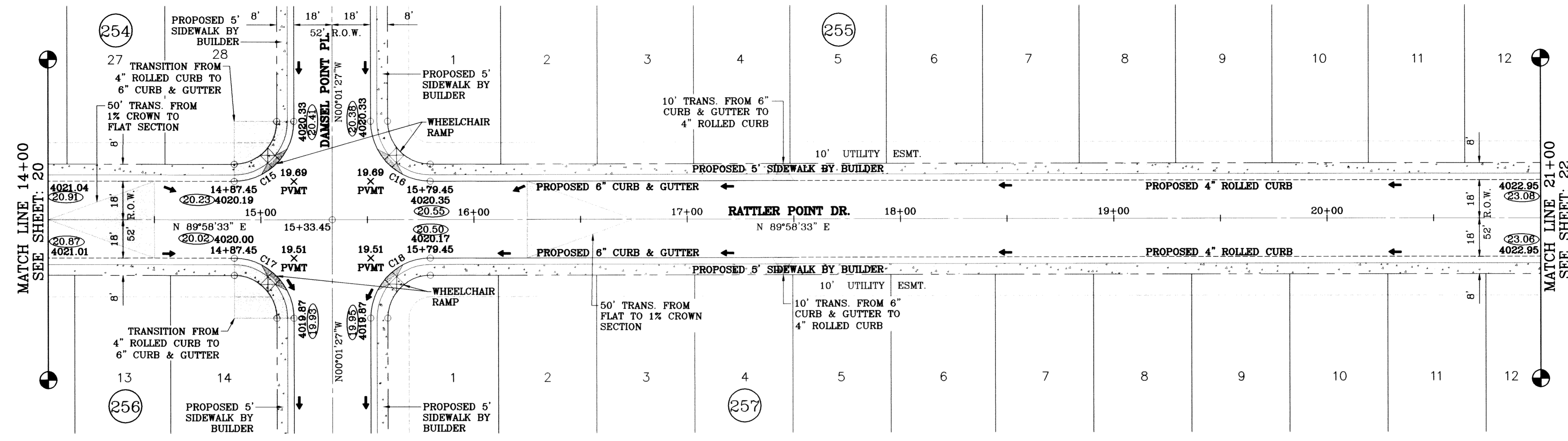
PROJECT NAME
 S.C.A.L.E.
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR. STE. 100
 EL PASO, TEXAS 79905
 (915) 592-0283



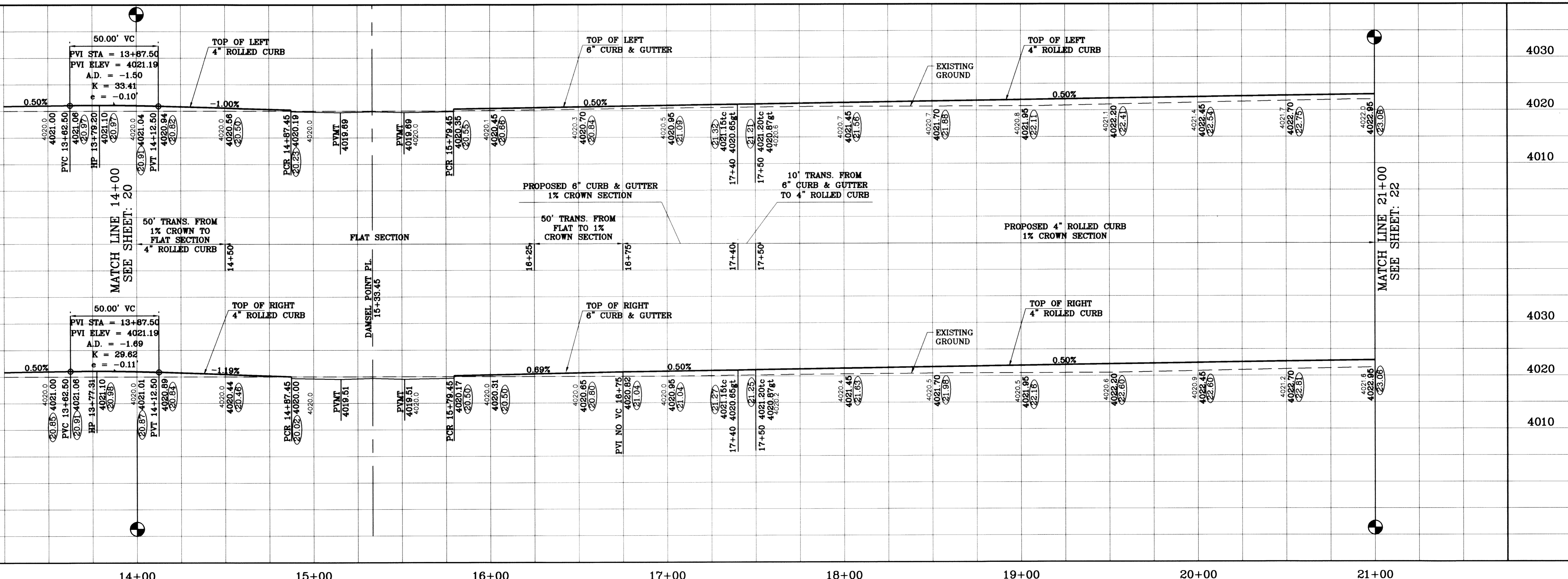
SHEET TITLE
STREET PLAN-PROFILE
RATTLER POINT DR.
 STA: 6+50 TO STA: 14+00
 SHT 20 OF 88



SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C15	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C16	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C17	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C18	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"



PROJECT NAME
**TERRA DEL ESTE
UNIT SIXTY TWO**

CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64

DATE: 7/29/11
REVISIONS: AS BUILT
BY: F.R.

PROJECT NAME
**TERRA DEL ESTE
UNIT SIXTY TWO**

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
EL PASO COUNTY, TEXAS,
CONTAINING 140.962 ACRES

S.C.A.L.E.
HORIZ: 1"=30'
VERT: 1"=10'

ENGINEER'S SEAL

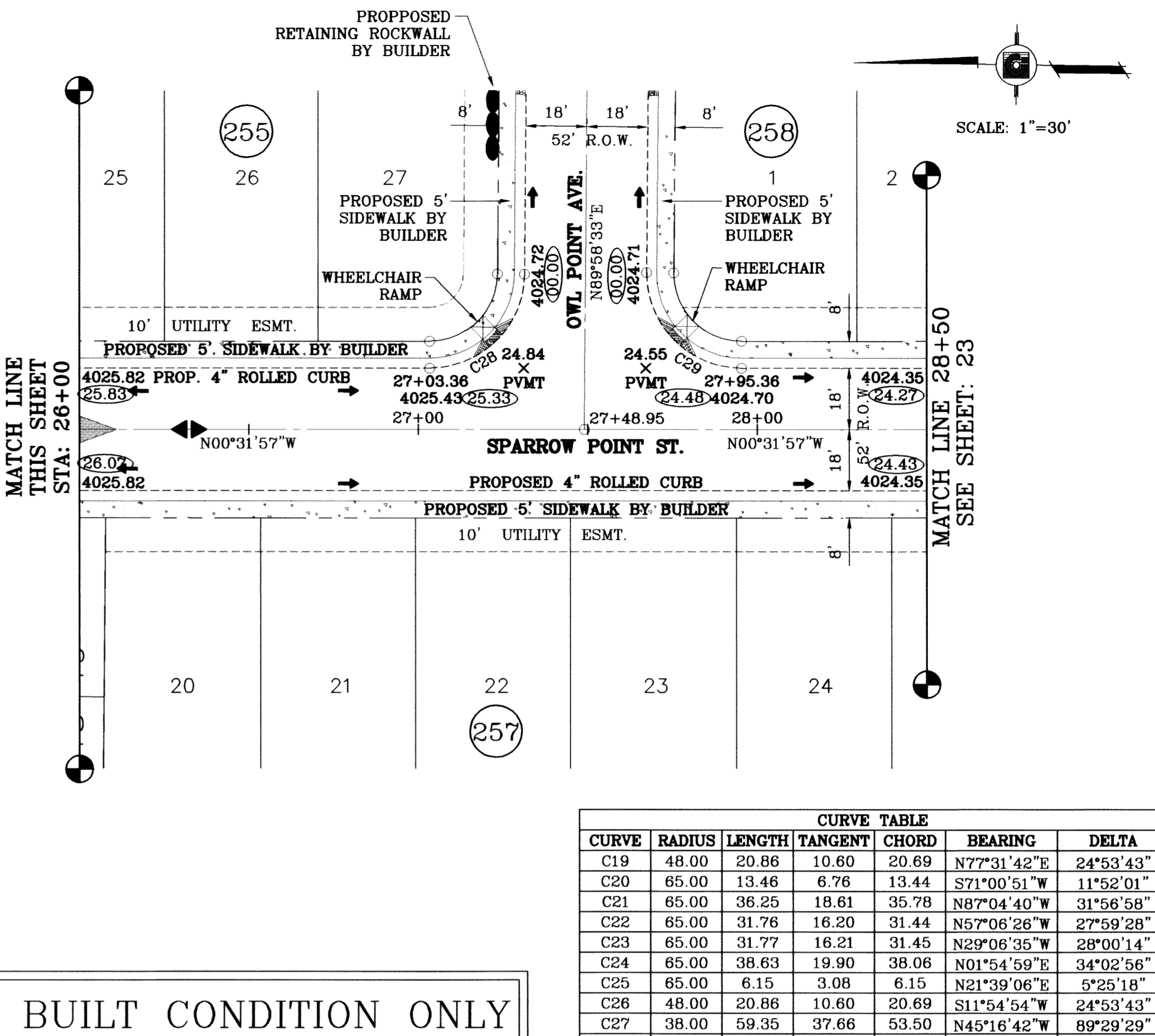
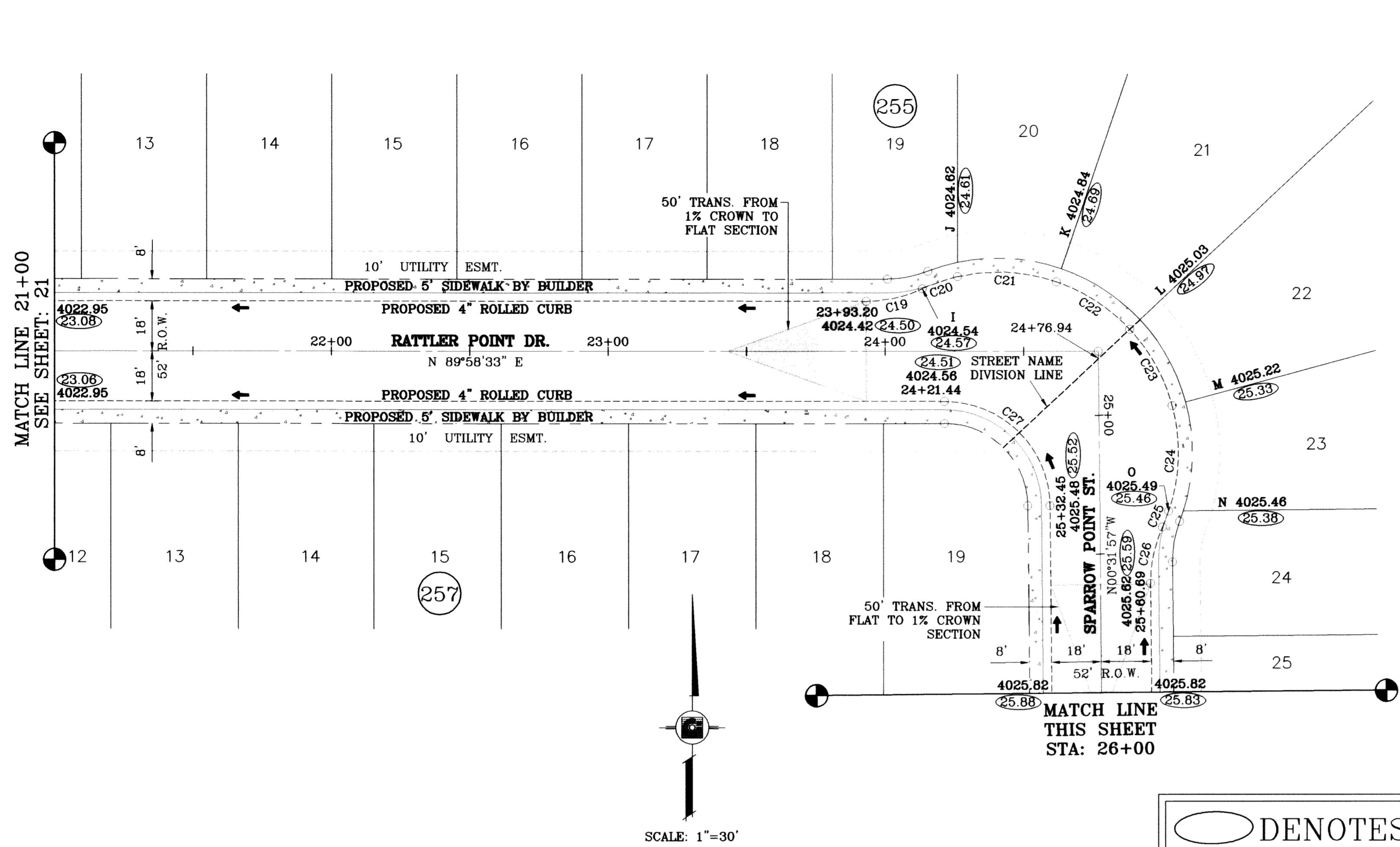
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR. STE 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
**STREET
PLAN-PROFILE**

**RATTLER POINT
DR.**
STA: 14+00
TO
STA: 21+00

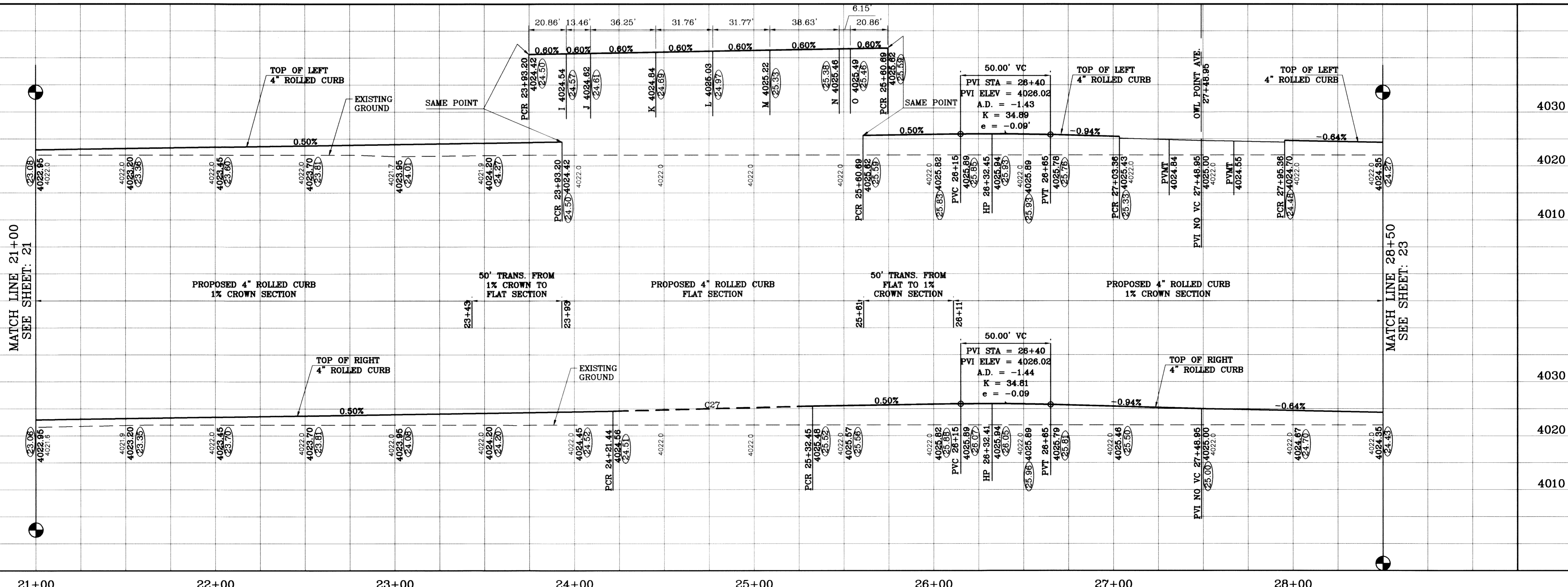
SHT 21 OF 88

S:\Substation\TDS 67-25-16\dwg\p17560_P17.dwg, 8/19/2011 9:12:25 AM



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C19	48.00	20.86	10.60	20.69	N77°31'42"E	24°53'43"
C20	65.00	13.46	6.76	13.44	S71°00'51"W	11°52'01"
C21	65.00	36.25	18.61	35.78	N87°04'40"W	31°56'58"
C22	65.00	31.76	16.20	31.44	N67°06'26"W	27°59'28"
C23	65.00	31.77	16.21	31.45	N29°06'35"W	28°00'14"
C24	65.00	38.63	19.90	38.06	N01°54'59"E	34°02'56"
C25	65.00	6.15	3.08	6.15	N21°39'06"E	5°25'18"
C26	48.00	20.86	10.60	20.69	S11°54'54"W	24°53'43"
C27	38.00	59.35	37.66	53.50	N45°16'42"E	89°29'29"
C28	28.00	43.73	27.75	39.42	S45°16'42"E	89°29'29"
C29	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"

○ DENOTES AS BUILT CONDITION ONLY



PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY TWO

SCALE
HORIZ. 1"=30'
VERT. 1"=10'

ENGINEER'S SEAL
STATE OF TEXAS
YVONNE CONNOR CURRY
64848
REGISTERED PROFESSIONAL ENGINEER

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURVEY DR. STE. 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
STREET
PLAN-PROFILE
RATTLER POINT DR.
STA: 21+00
TO
STA: 24+79.35
SPARROW POINT ST.
STA: 24+79.35
TO
STA: 28+60

DATE
7/29/11

REVISIONS
AS BUILT

BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64
CITY DATUM

BY
F.R.

DATE
7/29/11

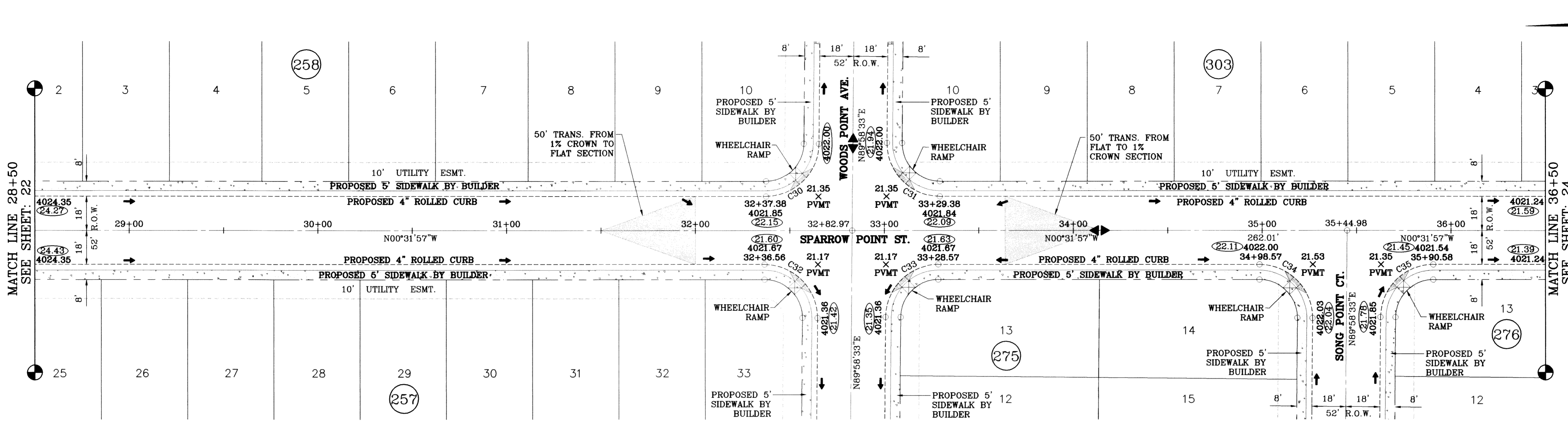
REVISIONS
AS BUILT

**BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
EL PASO COUNTY, TEXAS
CONTAINING 140.962 ACRES**

JOB NO. 308-81

SHT 22 OF 88

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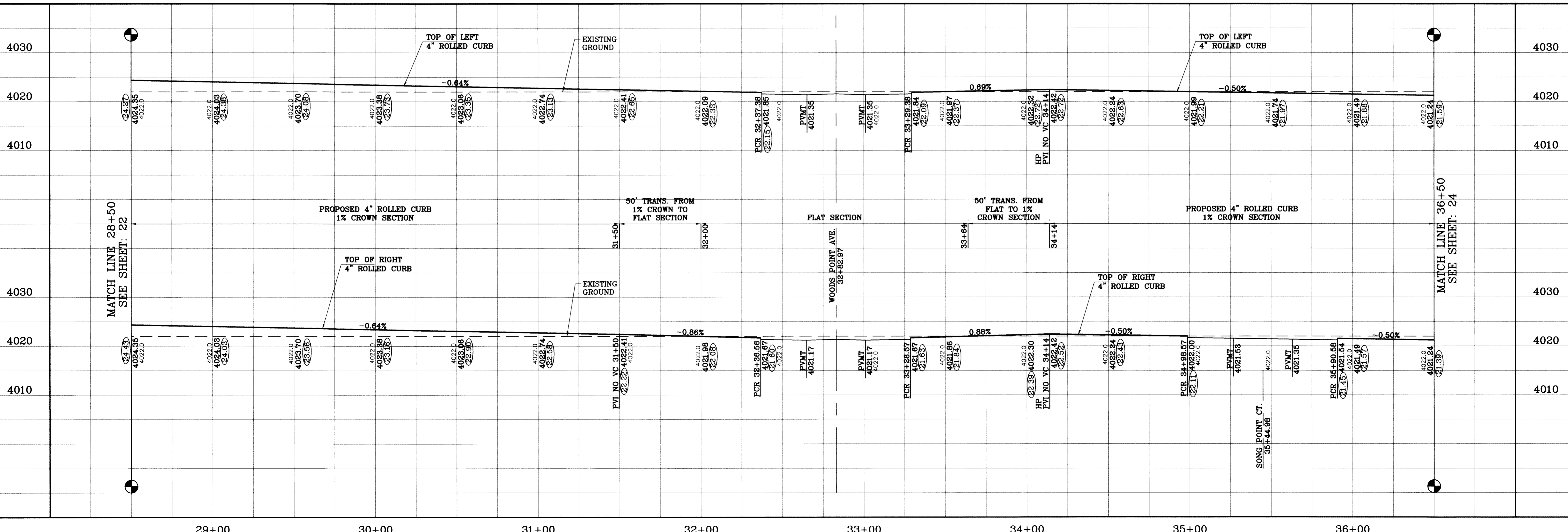


MATCH LINE 28+50
SEE SHEET: 22

MATCH LINE 36+50
SEE SHEET: 24

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C30	28.00	43.73	27.75	39.42	S45°16'42"E	89°29'29"
C31	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"
C32	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C33	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C34	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C35	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"



MATCH LINE 28+50
SEE SHEET: 22

MATCH LINE 36+50
SEE SHEET: 24

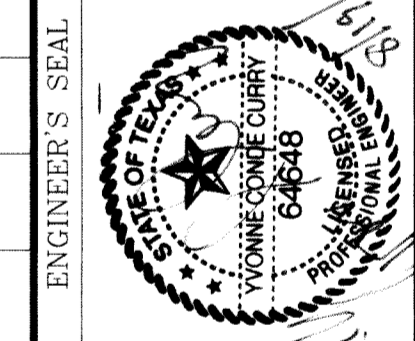
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR
ELEVATION	4002.64
DATE	7/29/11
REVISIONS	AS BUILT
BY	F.R.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

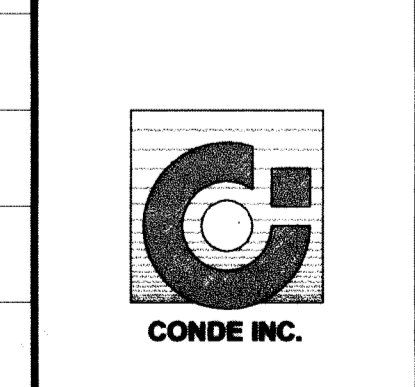
BEING A PORTION OF SECTION 47, BLOCK 76, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS
CONTAINING 140.962 ACRES

SCALE
HORIZ: 1"=30'
VERT: 1"=10'

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

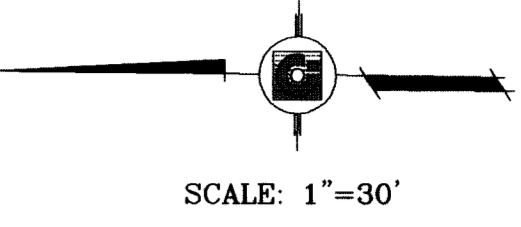
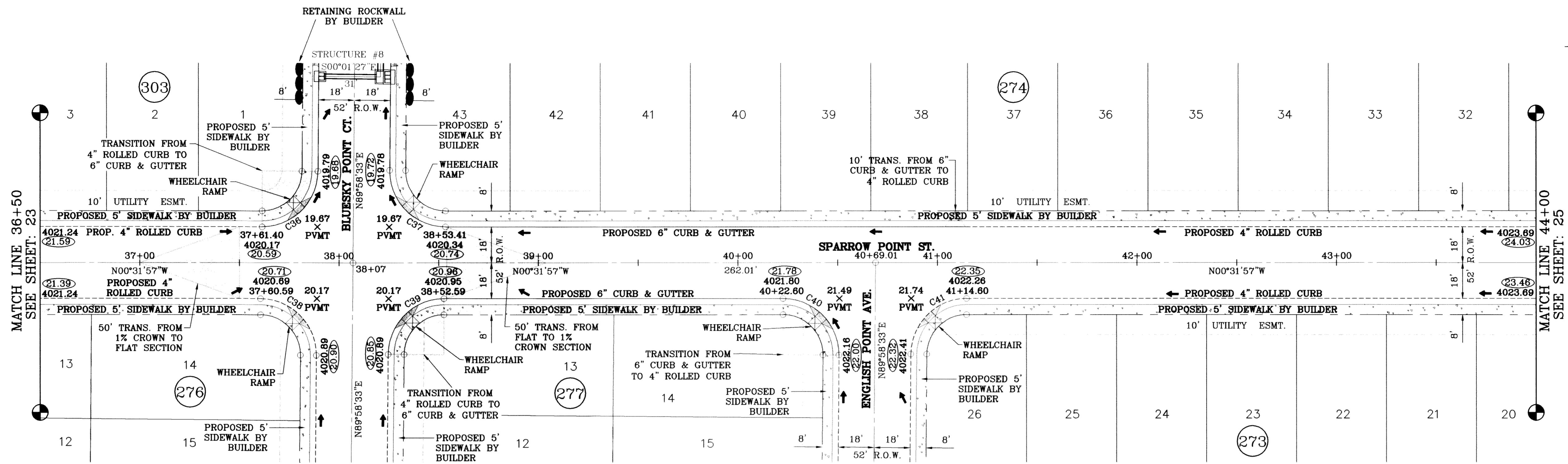


CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 582-0283



SHEET TITLE
STREET PLAN-PROFILE
SPARROW POINT ST.
STA: 28+50
TO
STA: 36+50

S:\Submissions\106-62-75-10\submittal\10662_75_P1.PLT (9/11/11) 2:52:14 PM

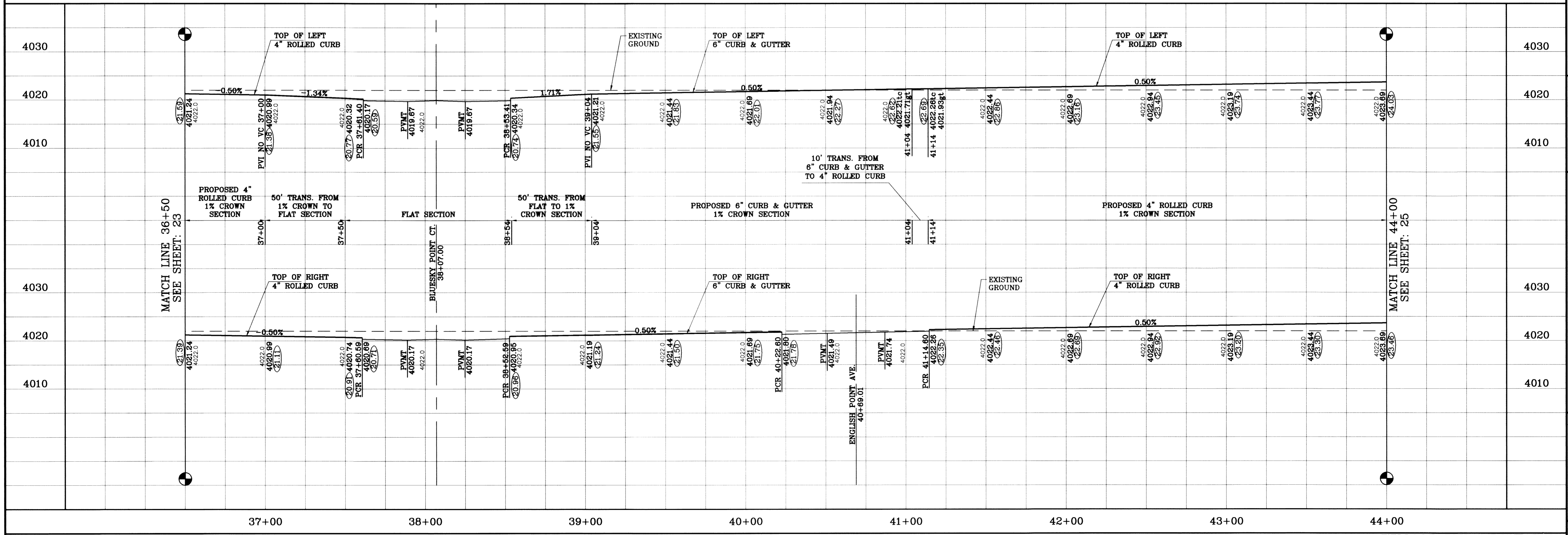


MATCH LINE 36+50
SEE SHEET: 23

MATCH LINE 44+00
SEE SHEET: 25

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C36	28.00	43.73	27.75	39.42	S45°16'42"E 89°29'29"
C37	28.00	44.23	28.25	39.77	S44°43'18"W 90°30'31"
C38	28.00	44.23	28.25	39.77	N44°43'18"E 90°30'31"
C39	28.00	43.73	27.75	39.42	N45°16'42"W 89°29'29"
C40	28.00	44.23	28.25	39.77	N44°43'18"E 90°30'31"
C41	28.00	43.73	27.75	39.42	N45°16'42"W 89°29'29"



MATCH LINE 36+50
SEE SHEET: 23

MATCH LINE 44+00
SEE SHEET: 25

BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64 CITY DATUM

DATE: 7/25/11
REVISIONS: AS BUILT

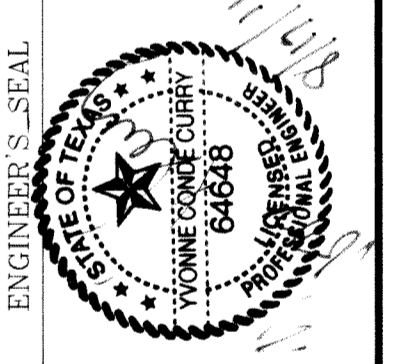
PROJECT NAME
**TERRA DEL ESTE
UNIT SIXTY TWO**

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
EL PASO COUNTY, TEXAS
CONTAINING 140.962 ACRES

SCALE
HORIZ. 1"=30'
VERT. 1"=10'

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC

JOB NO.: 308-61



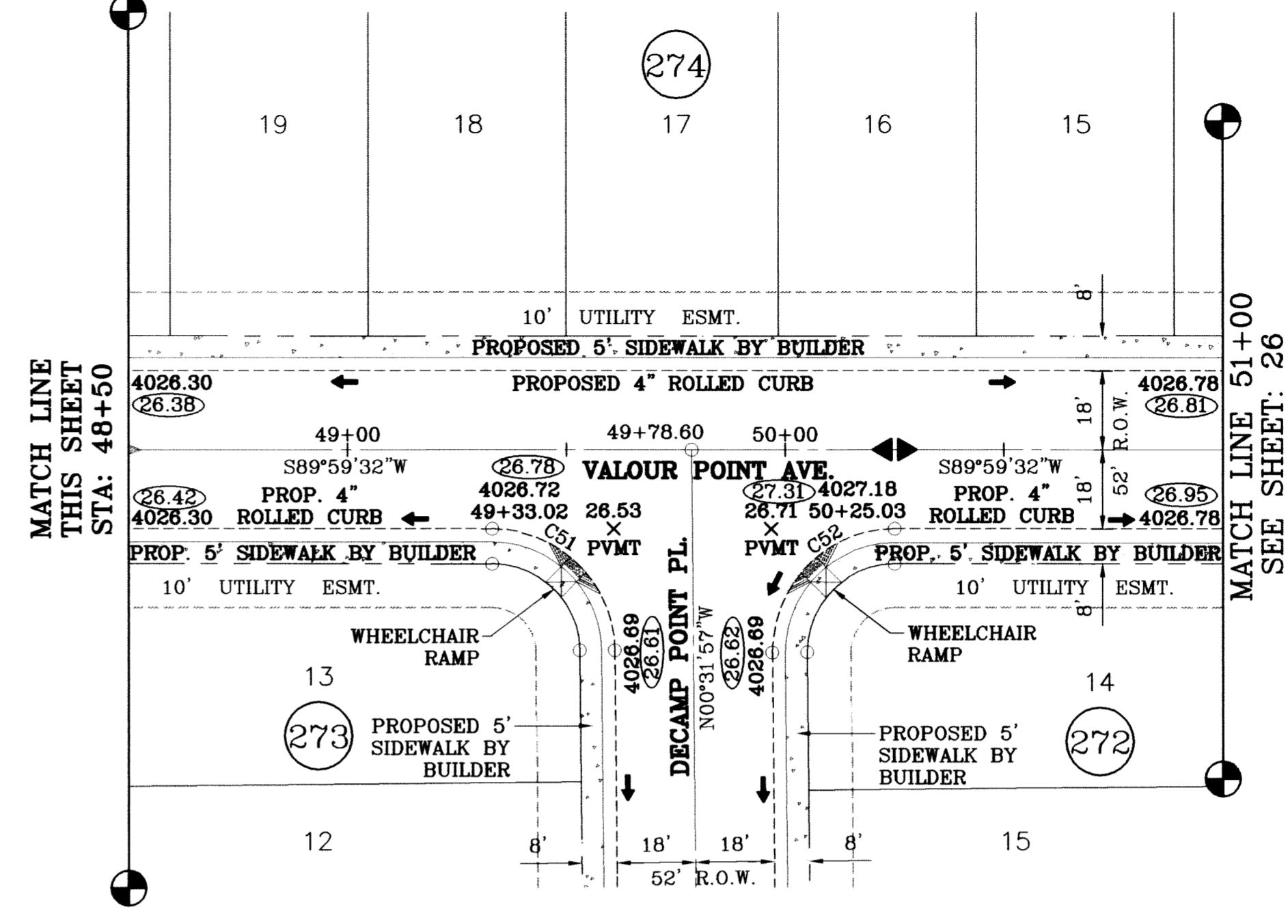
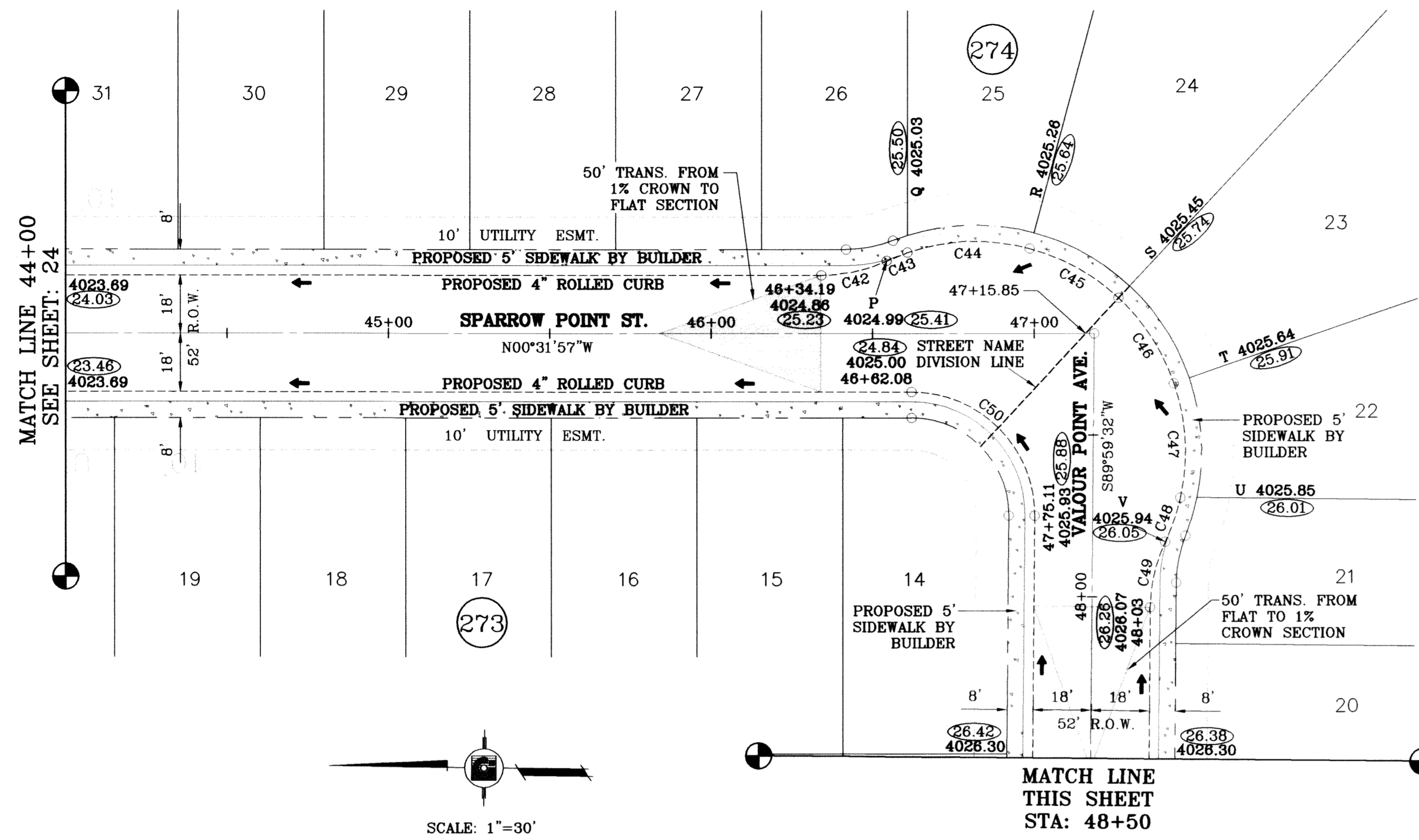
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS

6080 SURETY DR., STE. 100
EL PASO, TEXAS 79905
(915) 582-0285

SHEET TITLE
**STREET
PLAN-PROFILE**

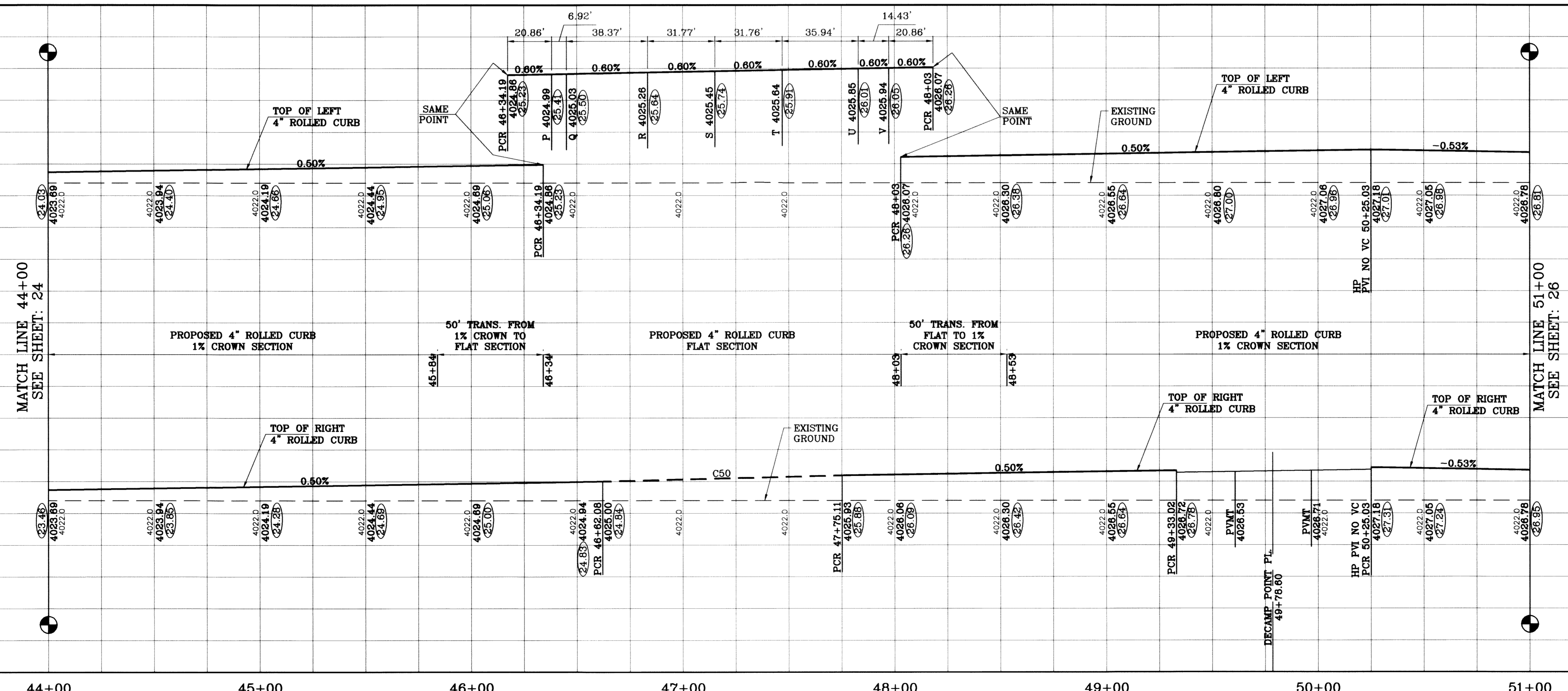
**SPARROW POINT
ST.**
STA: 36+50
TO
STA: 44+00

SHT 24 OF 88



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C42	48.00	20.86	10.60	20.69	S12°58'49"E	24°53'43"
C43	65.00	6.92	3.46	6.91	N22°22'47"W	6°05'46"
C44	65.00	38.37	19.76	37.82	N02°25'14"W	33°49'20"
C45	65.00	31.77	16.21	31.45	N28°29'32"E	28°00'12"
C46	65.00	31.76	16.20	31.44	N56°29'23"E	27°59'30"
C47	65.00	35.94	18.44	35.49	N86°19'34"E	31°40'52"
C48	65.00	14.43	7.25	14.40	S71°28'23"E	12°43'14"
C49	48.00	20.86	10.60	20.69	N77°33'37"W	24°53'43"
C50	38.00	60.04	38.35	53.99	N44°43'47"E	90°31'30"
C51	28.00	43.73	27.74	39.42	S45°16'13"E	89°28'30"
C52	28.00	44.24	28.26	39.78	N44°43'47"E	90°31'30"

○ DENOTES AS BUILT CONDITION ONLY



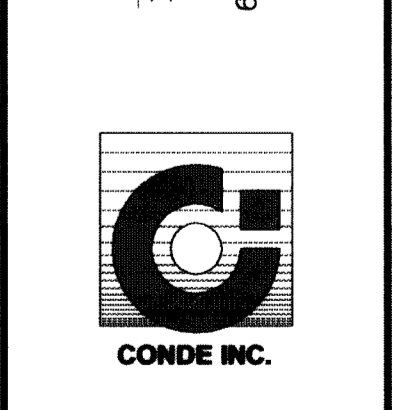
TIERRA DEL ESTE UNIT SIXTY TWO

BENCHMARK	BY
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4082.64	F.R.
DATE	REVISIONS
7/25/11	AS BUILT

TIERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, RANGE 10, COUNTY OF TARRANT, TEXAS AND CONTAINING 140.962 ACRES

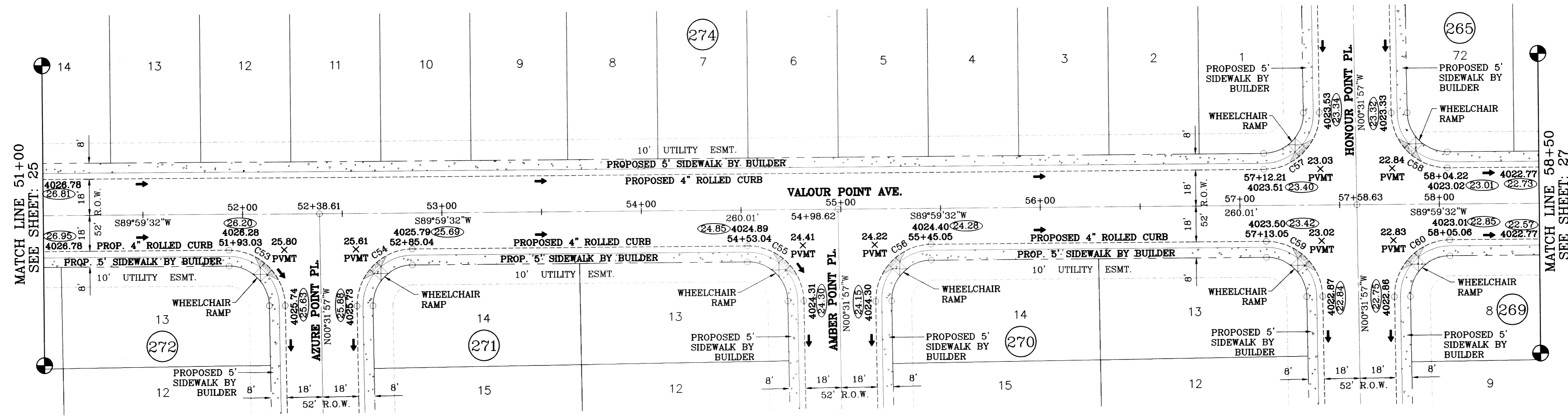
PROJECT NAME
 S C A L E
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFC
 CHECKED BY: YC
 JOB NO.: 308-81

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 8080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283



SHEET TITLE
STREET PLAN - PROFILE
SPARROW POINT ST.
 STA: 44+00 TO 47+15.85
VALOUR POINT DR.
 STA: 47+15.85 TO 51+00

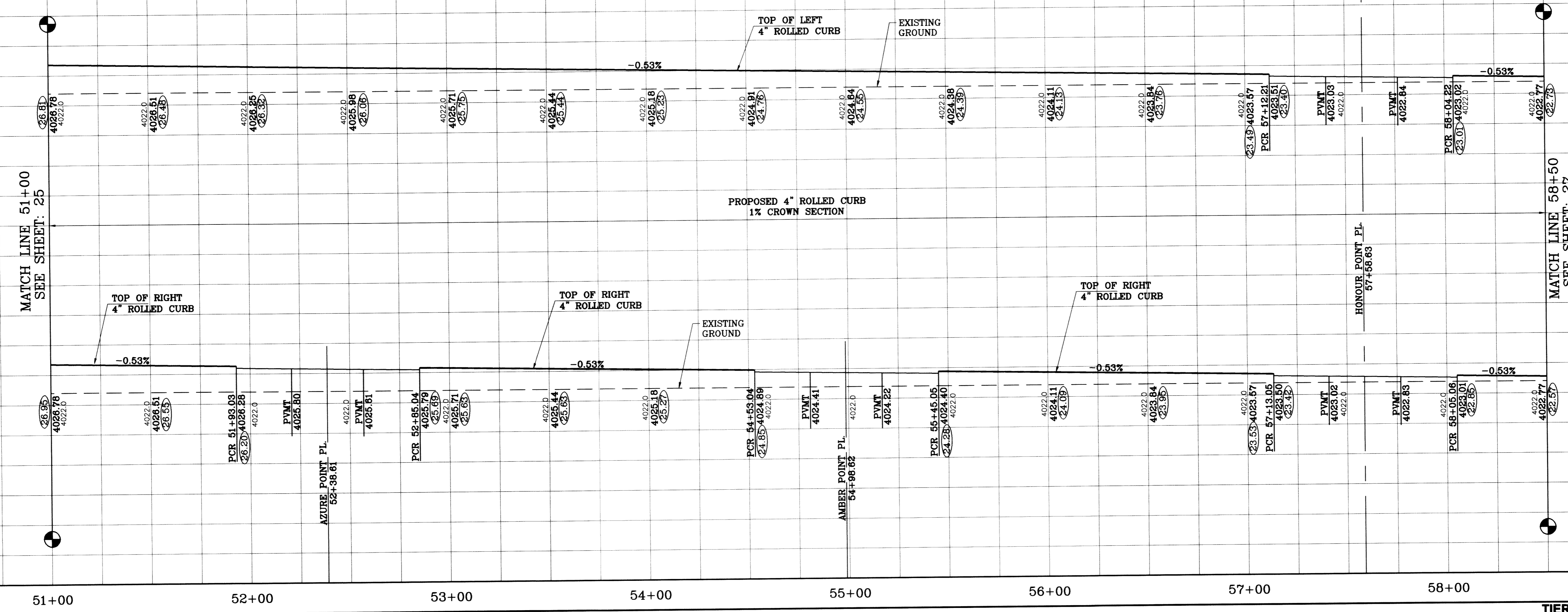
S:\Submittals\106-25-10-mudflow\10625_Plan-Profile.dwg, 8/12/2011 2:57:15 PM



SCALE: 1"=30'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C53	28.00	43.73	27.74	39.42	S45°16'13"E	89°28'30"
C54	28.00	44.24	28.26	39.78	N44°43'47"E	90°31'30"
C55	28.00	43.73	27.74	39.42	S45°16'13"E	89°28'30"
C56	28.00	44.24	28.26	39.78	N44°43'47"E	90°31'30"
C57	28.00	44.24	28.26	39.78	S44°43'47"W	90°31'30"
C58	28.00	43.73	27.74	39.42	N45°16'13"W	89°28'30"
C59	28.00	43.73	27.74	39.42	S45°16'13"E	89°28'30"
C60	28.00	44.24	28.26	39.78	N44°43'47"E	90°31'30"

○ DENOTES AS BUILT CONDITION ONLY



BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.	DATE	8/02/11
ELEVATION	4002.64	REVISIONS	AS BUILT
BY		F.R.	

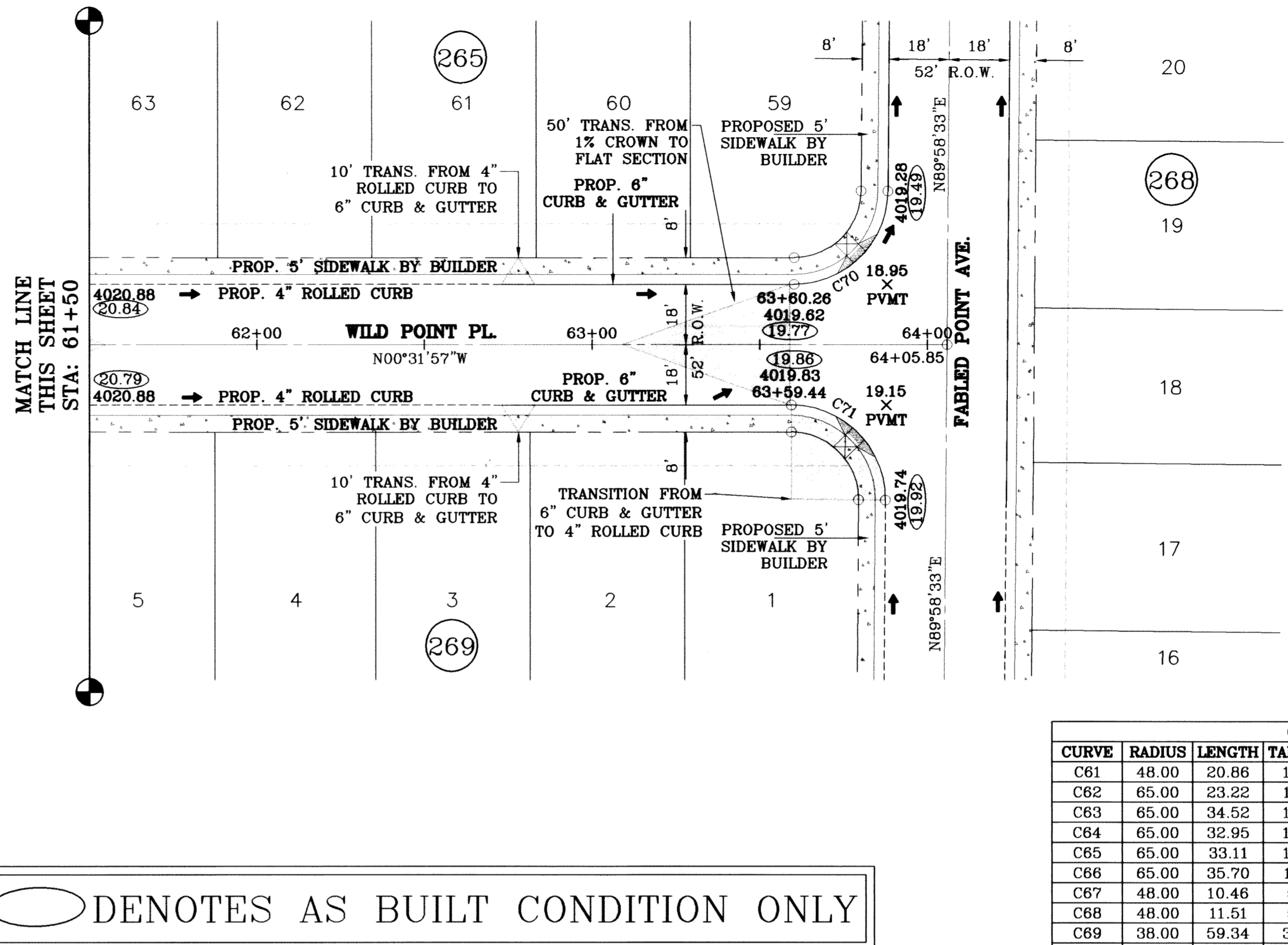
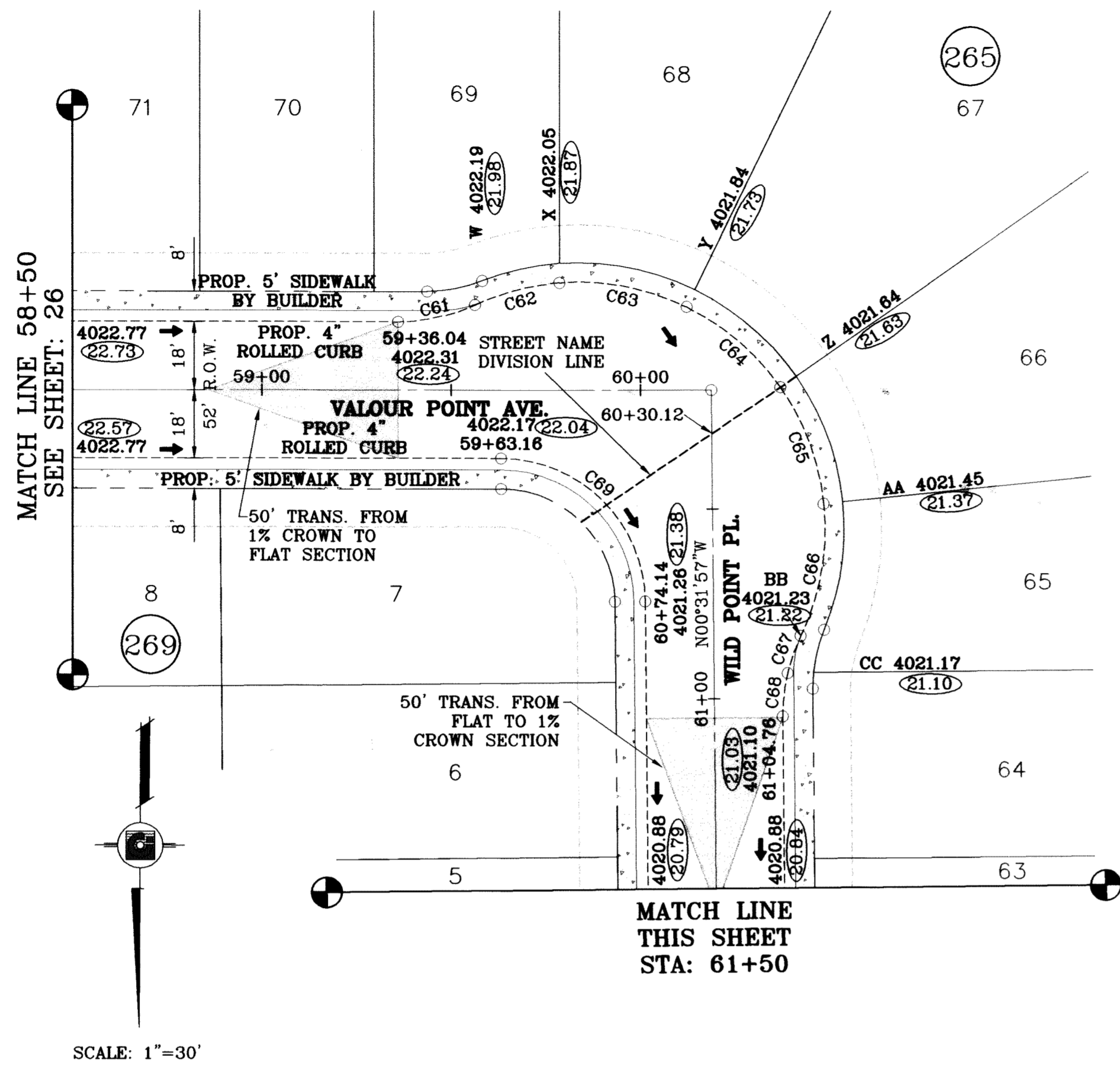
TERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, EL PASO COUNTY, TEXAS
 CONTAINING 140.962 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-B1

ENGINEER'S SEAL

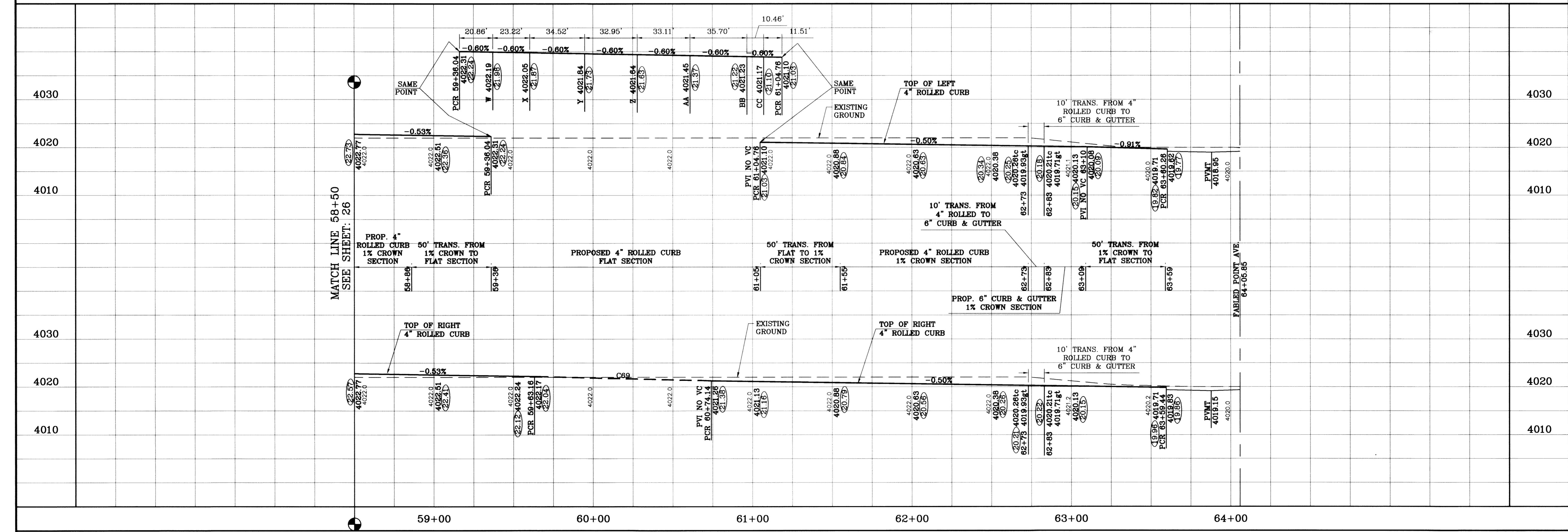
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR. STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283

SHEET TITLE
STREET PLAN-PROFILE
VALOUR POINT DR.
 STA: 51+00
 TO
 STA: 58+50



○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C61	48.00	20.86	10.60	20.69	S77°32'41"W	24°53'43"
C62	65.00	23.22	11.74	23.10	N75°19'52"E	20°28'05"
C63	65.00	34.52	17.68	34.12	S79°13'08"E	30°25'54"
C64	65.00	32.95	16.84	32.59	S49°28'57"E	29°02'28"
C65	65.00	33.11	16.92	32.75	S20°22'12"E	29°11'01"
C66	65.00	35.70	18.31	35.26	S09°57'26"W	31°28'15"
C67	48.00	10.46	5.25	10.44	N19°27'06"E	12°28'55"
C68	48.00	11.51	5.78	11.49	N06°20'21"E	13°44'36"
C69	38.00	59.34	37.65	53.49	S45°16'13"E	89°28'30"
C70	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C71	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"



TIERRA DEL ESTE UNIT SIXTY TWO

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
8080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(815) 592-0283

TIERRA DEL ESTE UNIT SIXTY TWO

BRING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS CONTAINING 140.962 ACRES

PROJECT NAME: TIERRA DEL ESTE UNIT SIXTY TWO

CITY DOCUMENT AT THE CENTERLINE INTERSECTION OF FABLED BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64 CITY DATUM

SCALE: 1"=30'

DATE: 8/02/11

REVISIONS: AS BUILT

BY: F.R.

SCALE: 1"=30'

SCALE: 1"=10'

DATE: SEPT. 2008

DESIGN BY: YC

INITIATED BY: EFC

CHECKED BY: YC

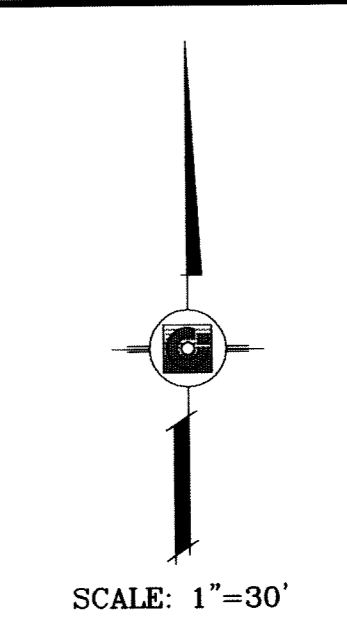
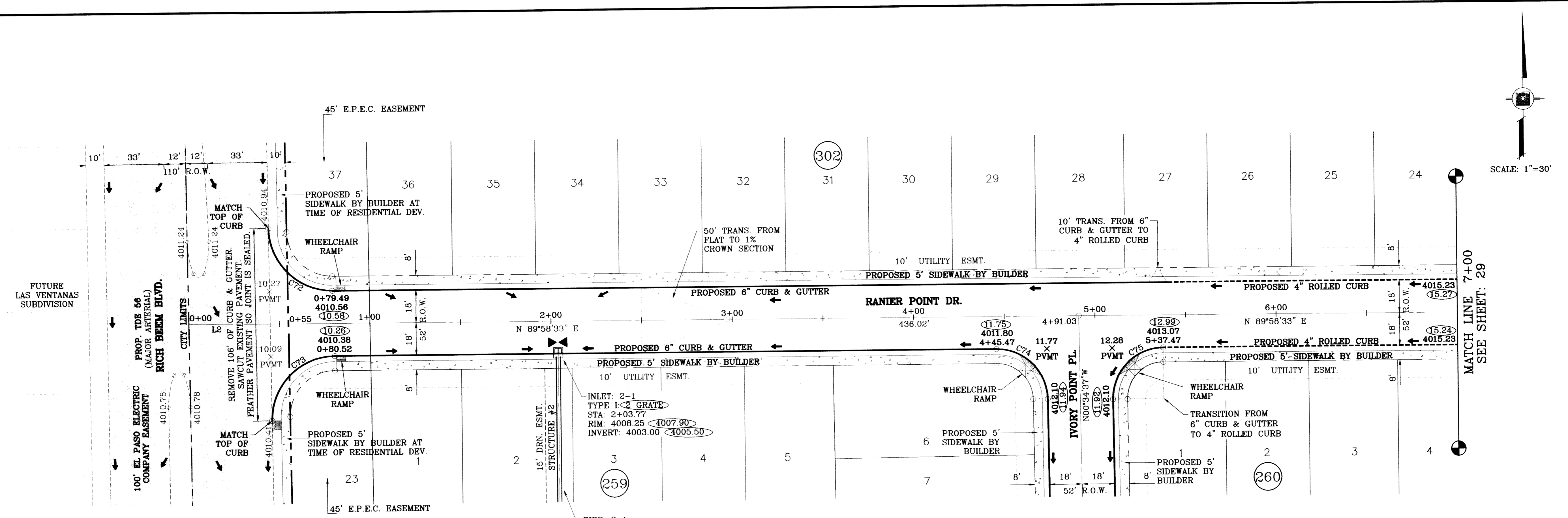
JOB NO.: 308-81

SHEET TITLE: VALOUR POINT DR. STA: 58+50 TO STA: 64+00.00

STREET PLAN-PROFILE: WILD POINT PL. STA: 61+50 TO STA: 64+00.00

SHT 27 OF 88

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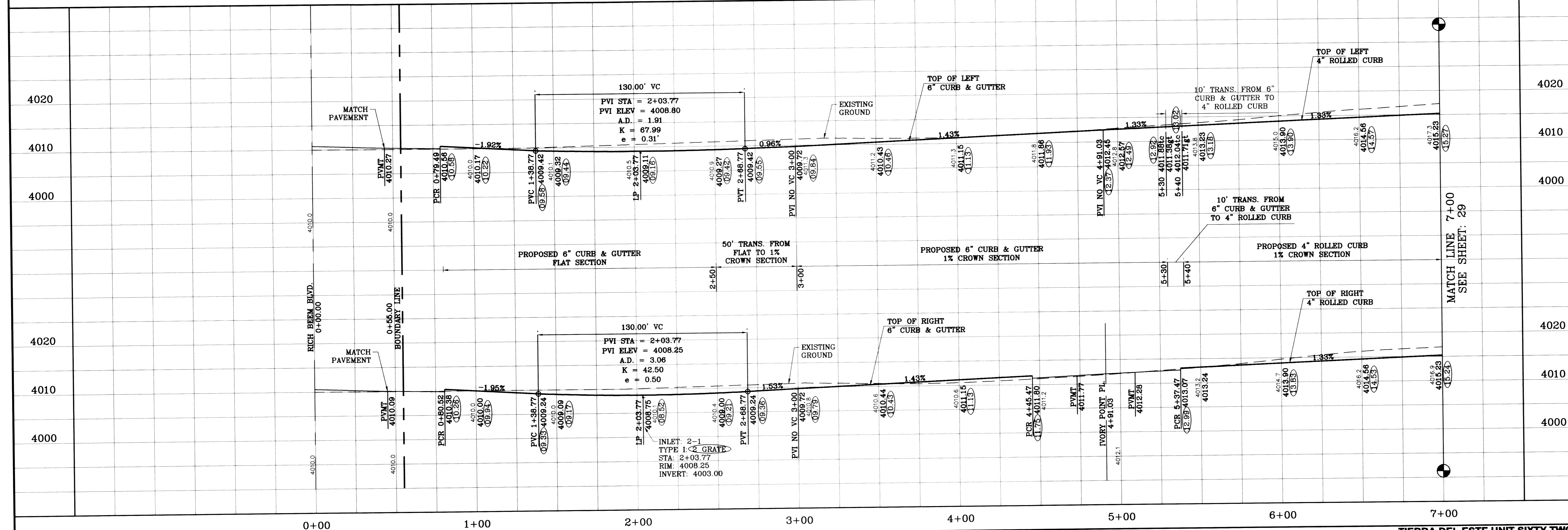


SEE SHEET 72 FOR
STRUCTURE #2 DETAILS

○ DENOTES AS BUILT CONDITION ONLY

LINE TABLE	
LINE	BEARING
L2	55.00 N89°58'33"E

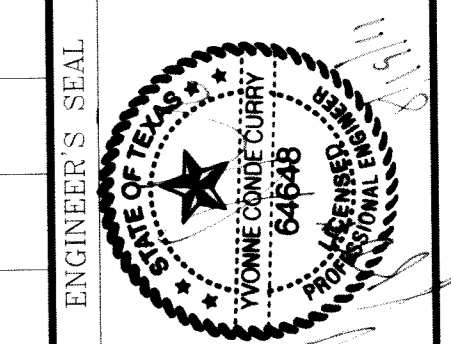
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C72	35.00	54.64	34.66	49.26	S45°18'02"E	89°26'50"
C73	35.00	55.32	35.34	49.74	S44°41'58"W	90°33'10"
C74	28.00	43.71	27.73	39.41	N45°18'02"W	89°26'50"
C75	28.00	44.25	28.27	39.79	S44°41'58"W	90°33'10"



BENCHMARK	
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64	
DATE	08/27/10
BY	EFG
REVISIONS	REVISE MEDIAN OPENINGS AS BUILT
DATE	07/25/11
BY	EFG
REVISIONS	AS BUILT

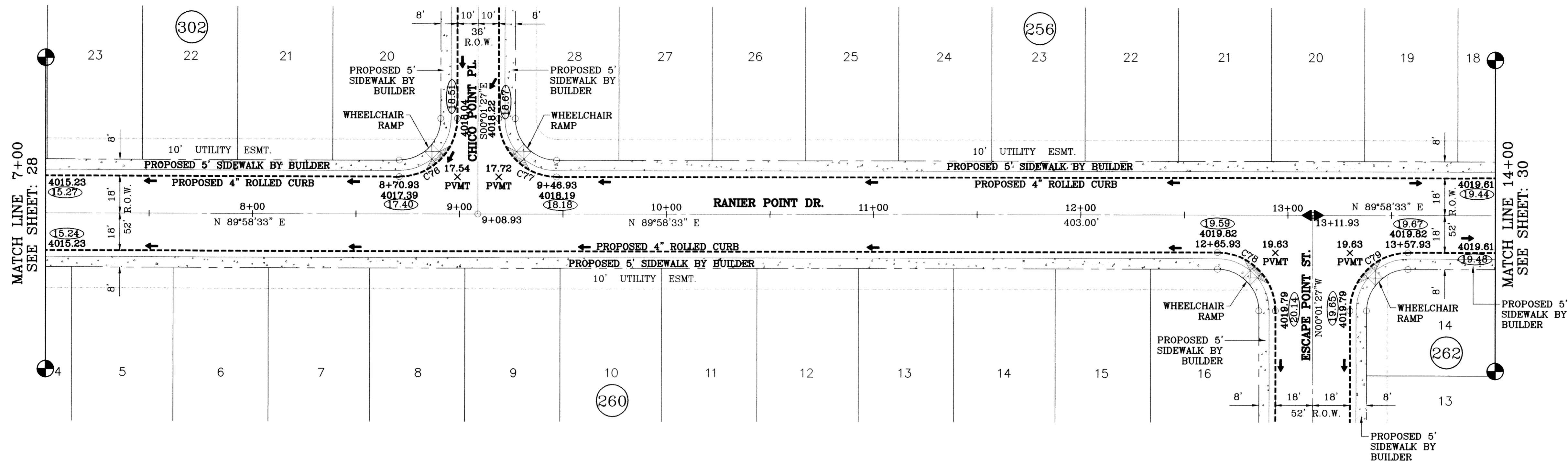
TERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, RANGE 10, COUNTY OF EL PASO, TEXAS, CONTAINING 140.962 ACRES

SCALE
 HORIZ. 1"=30'
 VERT. 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-B1



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR. STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283

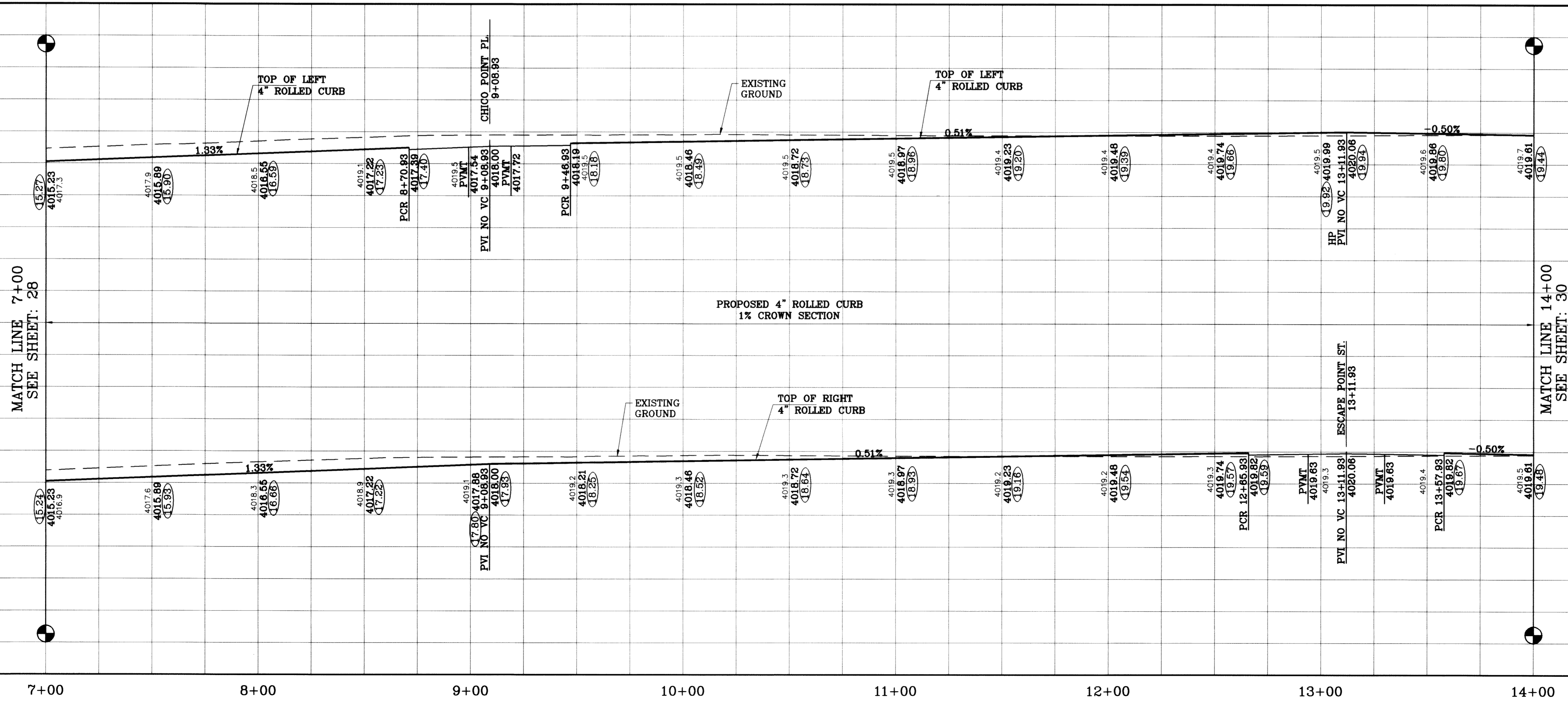
SHEET TITLE
RANIER POINT DR.
 STA: 0+00
 TO
 STA: 7+00



SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C76	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C77	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C78	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C79	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"

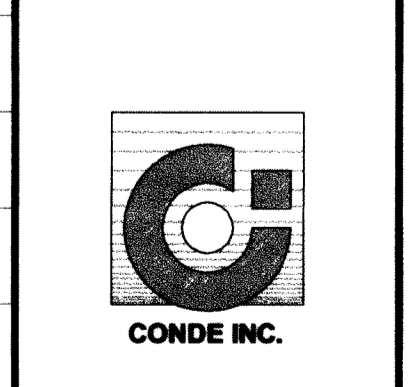


BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION	4002.84
DATE	07/25/11
REVISIONS	AS BUILT
BY	F.R.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, EL PASO COUNTY, TEXAS. CONTAINING 140.962 ACRES.

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81

CONDE INC.
 ENGINEERING / PLANNING SURVEYING / GPS
 6080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283



SHEET TITLE
STREET PLAN - PROFILE
RANIER POINT DR.
 STA: 7+00 TO STA: 14+00

TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 140.96 ACRES

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	38.05	24.78	35.20	S45°16'42"W	89°29'29"
C2	500.00	75.96	38.05	75.88	S04°22'34"E	8°42'15"
C3	500.00	28.13	14.07	28.12	S10°20'23"E	31°3'22"
C4	500.00	104.08	52.23	103.90	N05°59'16"W	11°55'37"
C5	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C6	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C7	474.00	98.67	49.51	98.49	N05°59'16"W	11°55'37"
C8	526.00	109.50	54.95	109.30	S05°59'16"E	11°55'37"
C9	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C10	20.00	31.59	20.18	28.41	N44°43'18"E	90°30'31"
C11	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C12	20.00	31.59	20.18	28.41	N44°43'18"E	90°30'31"
C13	25.00	38.05	24.78	35.20	N45°16'42"W	89°29'29"
C14	25.00	39.49	25.22	35.51	N44°43'18"E	90°30'31"
C15	20.00	31.24	19.82	28.16	S45°16'42"E	89°29'29"
C16	20.00	31.59	20.18	28.41	N44°43'18"E	90°30'31"
C17	20.00	31.24	19.82	28.16	S45°16'42"E	89°29'29"
C18	20.00	31.59	20.18	28.41	N44°43'18"E	90°30'31"
C19	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C20	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C21	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C22	20.00	17.08	9.10	16.56	N65°33'55"E	48°55'04"
C23	50.00	51.54	28.32	49.29	S70°38'16"E	59°03'46"
C24	50.00	34.84	18.16	34.14	N59°52'01"E	39°55'39"
C25	50.00	34.84	18.16	34.14	N19°56'22"E	39°55'39"
C26	50.00	34.84	18.16	34.14	N19°59'16"W	39°55'39"
C27	50.00	34.84	18.16	34.14	N59°54'15"W	39°55'39"
C28	50.00	51.54	28.32	49.29	S70°35'23"W	59°03'46"
C29	20.00	17.08	9.10	16.56	N65°31'01"E	48°55'04"
C30	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C31	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C32	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C33	30.00	46.86	29.73	42.64	N45°16'42"W	89°29'29"
C34	40.00	61.17	42.06	61.10	N44°43'18"E	172°00'29"
C35	70.00	39.98	20.55	39.44	N60°19'37"W	32°43'28"
C36	70.00	34.98	17.86	34.61	N60°19'37"W	28°37'39"
C37	70.00	34.98	17.86	34.61	N31°41'58"W	28°37'39"
C38	70.00	39.34	20.20	38.82	N01°17'06"W	32°12'03"
C39	70.00	11.33	5.68	11.32	N19°27'05"E	9°16'19"
C40	40.00	17.19	8.73	17.06	S11°46'38"W	24°37'12"
C41	20.00	31.59	20.18	28.41	S44°43'18"W	90°30'31"
C42	25.00	39.05	24.78	35.20	N45°16'42"W	89°29'29"
C43	25.00	39.49	25.22	35.51	N44°43'18"E	90°30'31"
C44	20.00	31.24	19.82	28.16	S45°16'42"E	89°29'29"
C45	30.00	46.86	29.73	42.24	N45°16'42"W	89°29'29"
C46	40.00	14.86	7.51	14.77	S10°08'26"W	21°16'48"
C47	50.00	34.84	18.16	34.14	N19°07'25"E	31°45'04"
C48	70.00	39.84	20.47	39.30	N01°11'46"E	32°36'29"
C49	70.00	34.21	17.45	33.87	N29°06'24"W	27°59'51"
C50	70.00	34.21	17.45	33.87	N57°06'15"W	27°59'51"
C51	70.00	37.88	19.42	37.42	N86°36'18"W	31°00'15"
C52	70.00	11.24	5.63	11.22	S73°17'40"W	9°11'49"
C53	40.00	14.86	7.51	14.77	N19°20'09"E	21°16'48"
C54	25.00	6.09	3.06	6.08	N07°30'33"E	13°57'51"
C55	25.00	32.96	19.37	30.62	N52°15'28"W	75°31'58"
C56	25.00	39.27	25.00	35.36	S44°58'33"E	90°00'00"
C57	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C58	20.00	31.42	20.00	28.28	S44°58'33"E	90°00'00"
C59	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C60	20.00	31.42	20.00	28.28	S44°58'33"E	90°00'00"
C61	20.00	17.08	9.10	16.56	S24°28'59"E	48°55'04"
C62	50.00	30.57	15.78	30.10	N31°25'35"W	35°01'52"
C63	50.00	36.49	19.10	35.68	N06°59'40"E	41°48'36"
C64	50.00	42.97	22.91	41.66	N52°31'12"E	49°14'28"
C65	50.00	32.58	16.89	32.01	S84°11'33"E	37°20'03"
C66	50.00	32.78	17.01	32.21	S48°44'11"E	37°34'39"
C67	50.00	36.49	19.10	35.68	S27°32'34"E	41°48'36"
C68	50.00	30.57	15.78	30.10	S31°22'41"W	35°01'52"
C69	20.00	17.08	9.10	16.56	N24°26'05"E	48°55'04"
C70	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C71	20.00	31.42	20.00	28.28	S44°58'33"E	90°00'00"

LINE	LENGTH	BEARING
L1	76.01	S89°41'23"E
L2	63.00	N00°31'57"W
L3	38.00	N00°01'27"W
L4	20.00	N00°01'27"W
L5	20.00	N00°01'27"W
L6	51.00	N89°58'33"E
L7	38.00	N89°41'23"W
L8	38.00	N89°41'23"W

Tierra Del Este Unit Sixty Two Notes:
 Tierra Del Este Subdivision Unit Sixty Two is subject to the Annexation Agreement entered into by Ranchos Real IV LTD with the City of El Paso on January 31, 2006. Among other conditions the agreement required the following:
 Item #11: Owner agrees to pay a water and wastewater connection fee to the El Paso Water Utilities Department of the City for each three quarter inch (3/4") equivalent water meter that is connected to the public water system as shown below. The water and wastewater connection fee shall be increased by three (3) percent on March 1, 2006, and each year thereafter. Payment of the water and wastewater connection fee shall be due at the time of application for water and wastewater to the system.

Meter Size	Water (\$)	Wastewater (\$)
5/8" x 3/4"	566	328
1"	1,396	809
1 1/2"	2,830	1,640
2"	4,298	2,624
3"	9,056	5,248
4"	14,150	8,200
6"	28,300	16,400
8"	52,827	30,813
10"	75,467	43,733

NOTES:

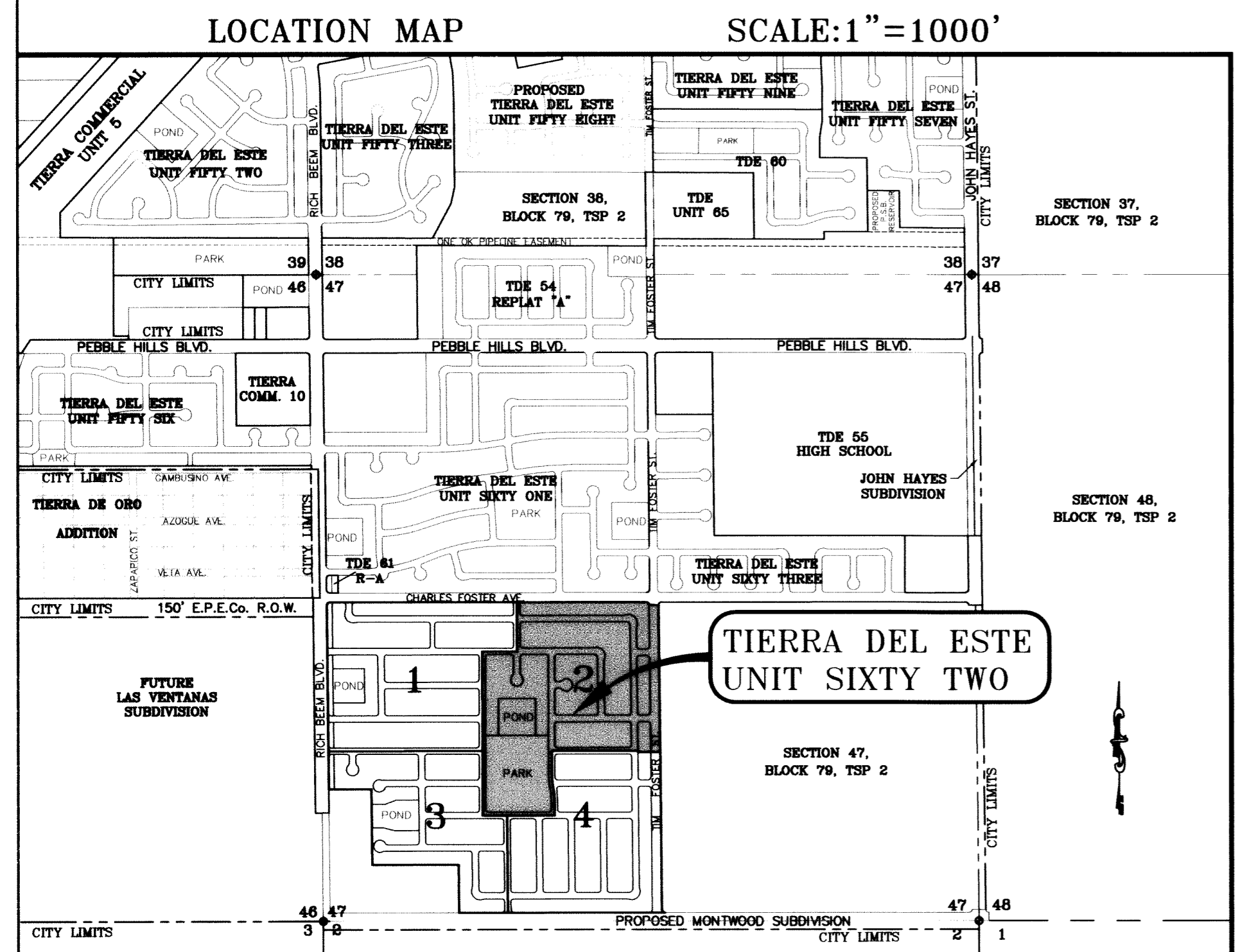
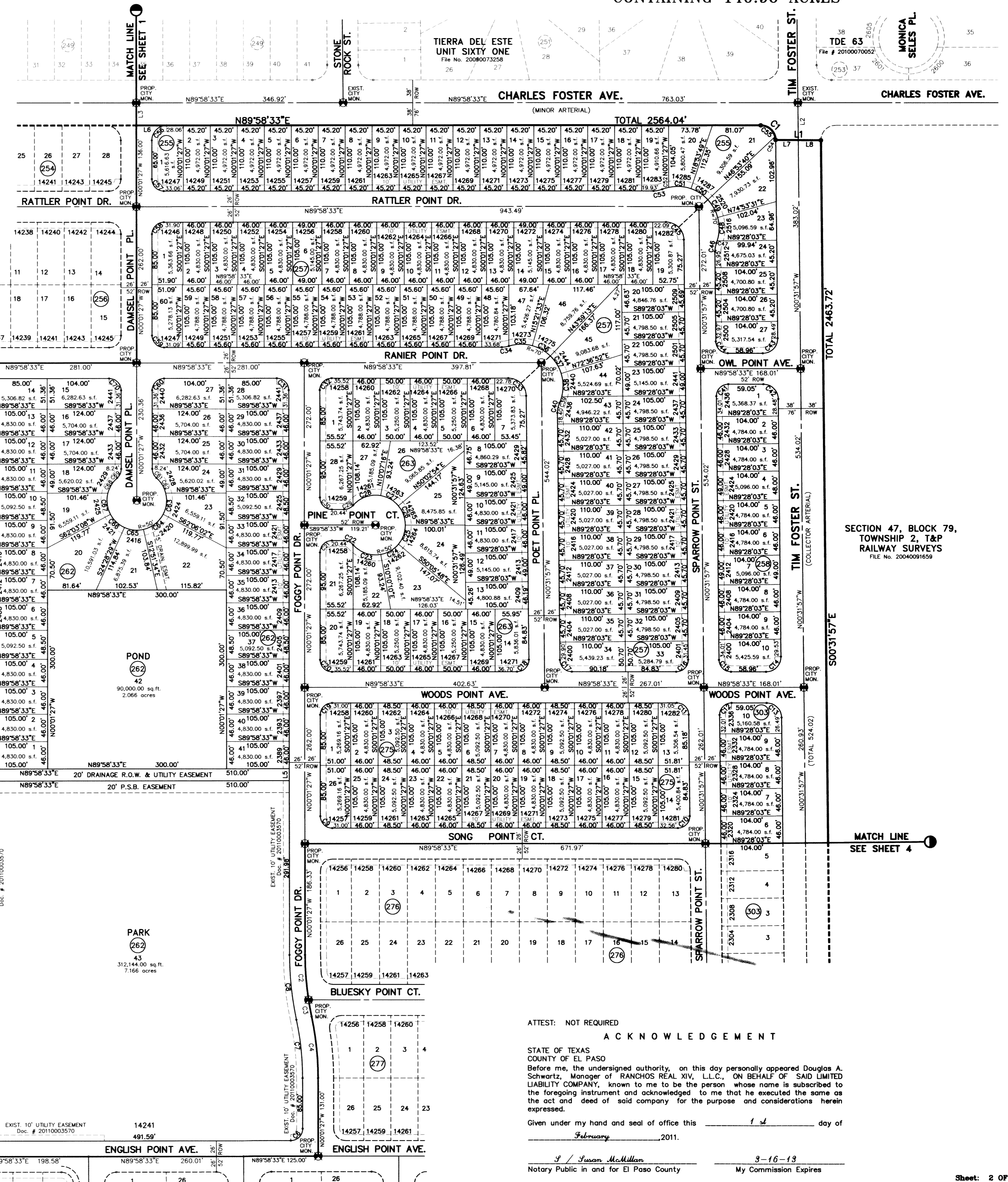
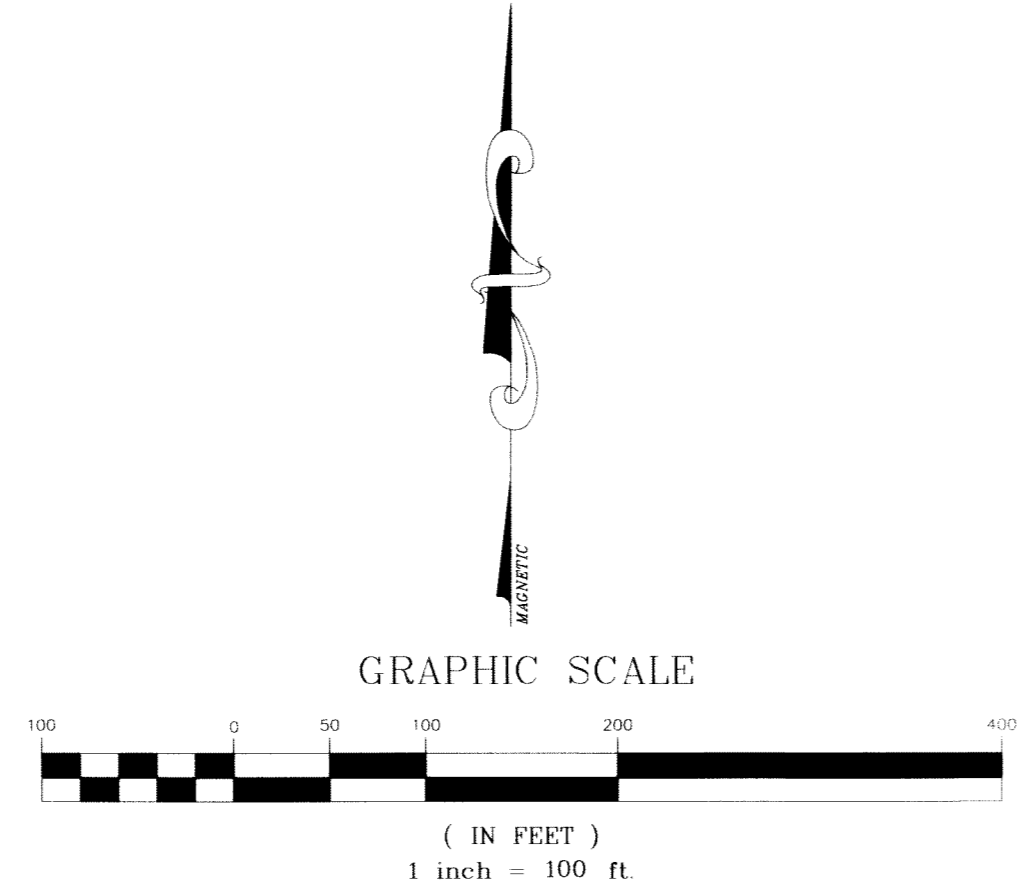
LOT CORNERS WILL BE SET UPON COMPLETION OF CONSTRUCTION OF ROADWAYS AND UTILITIES.

"U.S. POSTAL SERVICE DELIVERY WILL BE PROVIDED THROUGH NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS".

SET 1/2" REBAR WITH CAP MARKED TX 5152 AT ALL EXTERIOR BOUNDARY CORNERS UNLESS OTHERWISE NOTED.

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO 48021201758, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD ZONE X OUTSIDE THE 500 YEAR FLOOD-PLAIN.

NO PERMANENT STRUCTURES SHALL BE ALLOWED ONTO THE PERMANENT 45' EL PASO ELECTRIC COMPANY EASEMENT. (REFER TO ALL LOTS ABUTTING RICH BEEM BLVD.).



DATE OF PREPARATION: SEPTEMBER 05, 2008

6080 SURBERTY DR. STE 100
 EL PASO, TEXAS 79905
 PHONE: (915) 582-0291
 FAX: (915) 582-0296

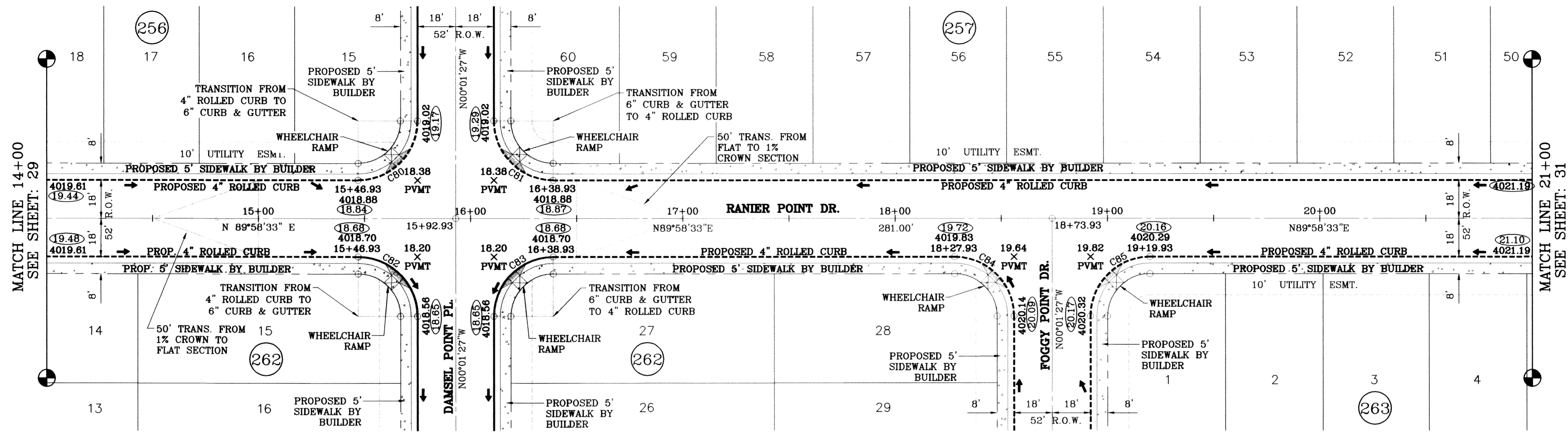
ATTEST: NOT REQUIRED

A C K N O W L E D G E M E N T

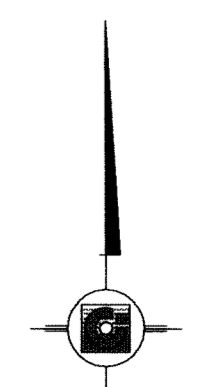
STATE OF TEXAS
 COUNTY OF EL PASO
 Before me, the undersigned authority, on this day personally appeared Douglas A. Schwartz, Manager of RANCHOS REAL XIV, L.L.C., ON BEHALF OF SAID LIMITED LIABILITY COMPANY, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same as the act and deed of said company for the purpose and considerations herein expressed.

Given under my hand and seal of office this 1st day of February, 2011.

S/ Susan McMillan
 Notary Public in and for El Paso County My Commission Expires 9-16-13

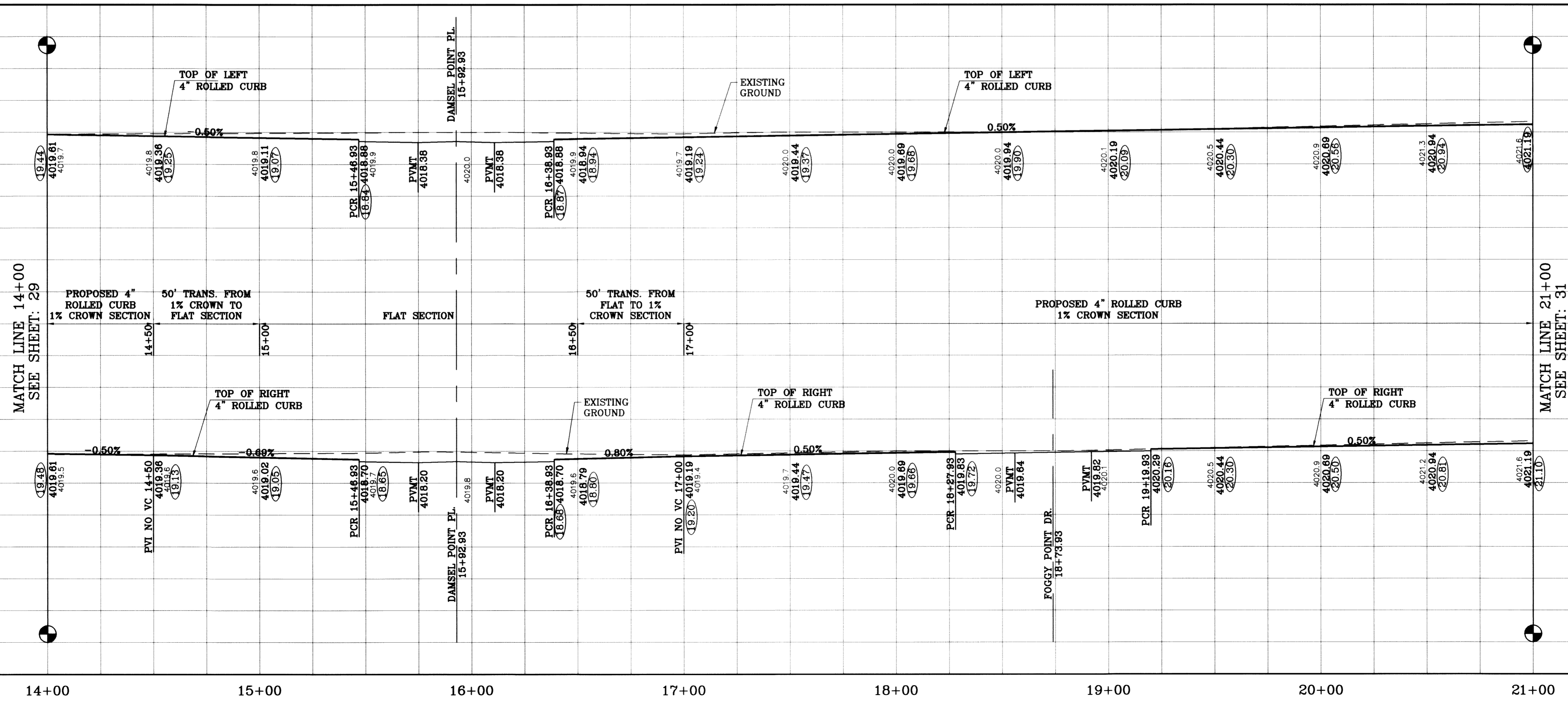


SCALE: 1"=30'



○ DENOTES AS BUILT CONDITION ONLY

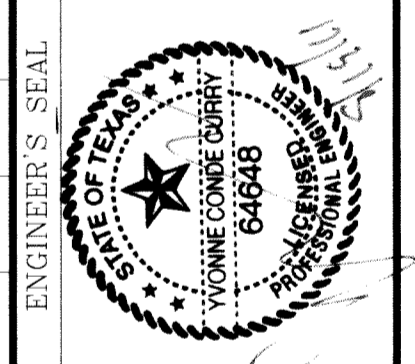
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C80	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C81	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C82	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C83	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"
C84	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C85	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"



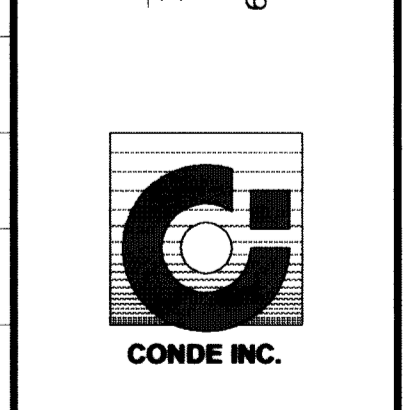
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
DATE	07/25/11
REVISIONS	AS BUILT
BY	F.R.

TIERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS.
 CONTAINING 140.962 ACRES

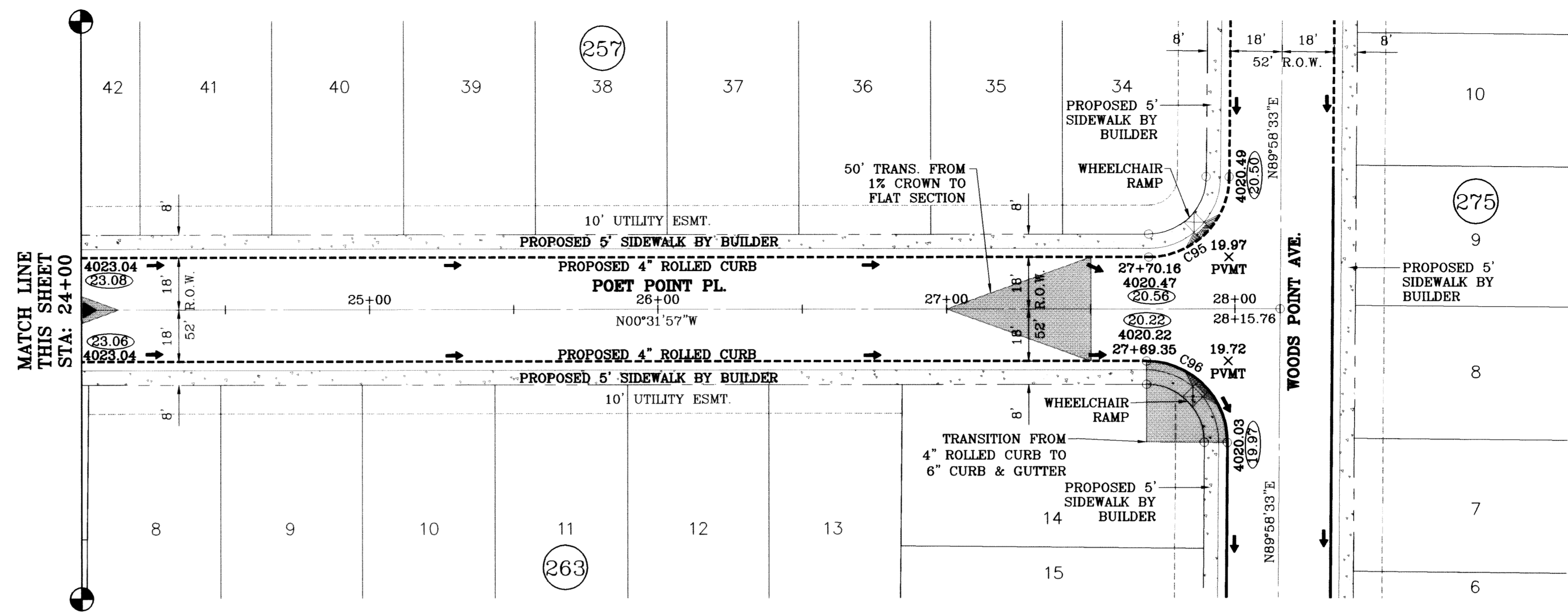
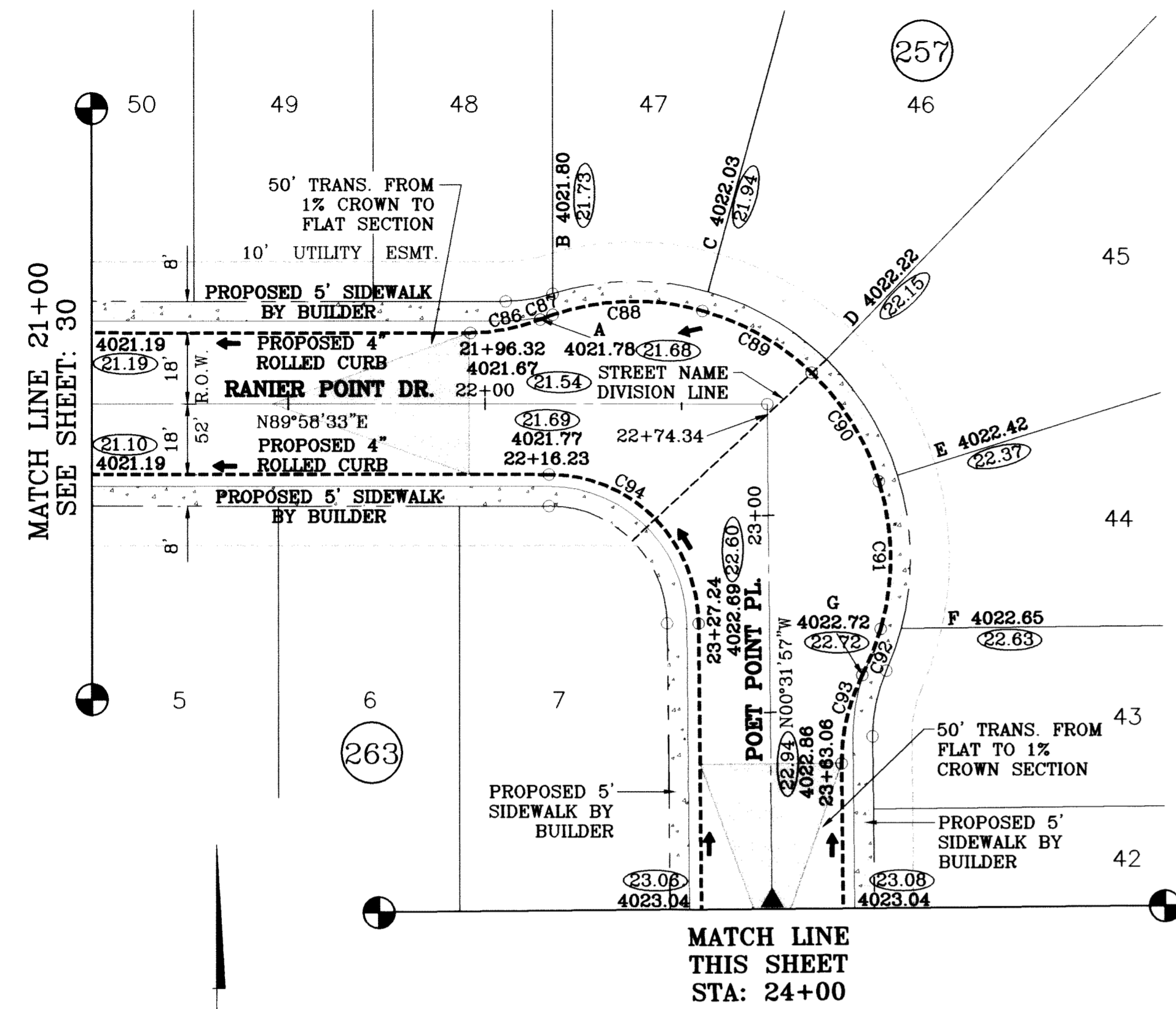
SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283



SHEET TITLE
STREET PLAN - PROFILE
RANIER POINT DR.
 STA: 14+00
 TO
 STA: 21+00

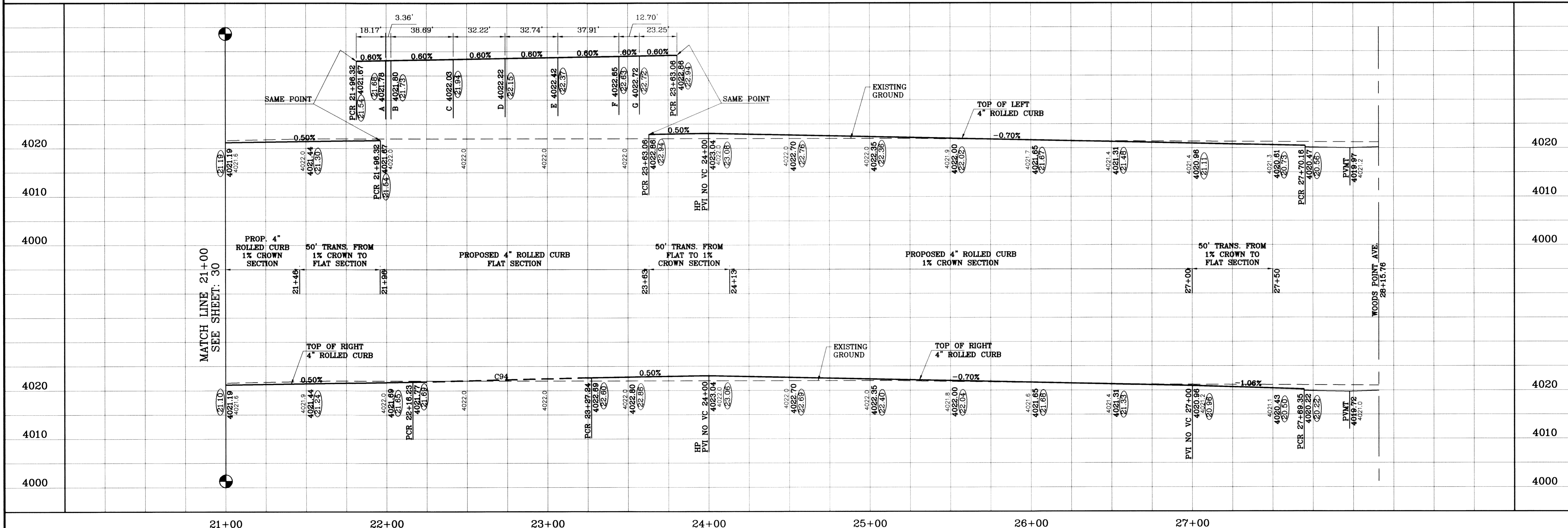


SCALE: 1"=30'

SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C86	48.00	18.17	9.20	18.06	N79°07'53"E	21°41'20"
C87	65.00	3.36	1.68	3.36	S69°46'11"W	2°57'58"
C88	65.00	38.69	19.94	38.12	S88°18'22"W	34°06'23"
C89	65.00	32.22	16.45	31.89	N60°26'31"W	28°23'51"
C90	65.00	32.74	16.72	32.39	N31°48'52"W	28°51'28"
C91	65.00	37.91	19.51	37.37	N00°40'42"W	33°24'51"
C92	65.00	12.70	6.37	12.68	N21°37'30"E	11°11'34"
C93	48.00	23.25	11.86	23.02	S13°20'40"W	27°45'14"
C94	38.00	59.35	37.66	53.50	N45°16'42"E	89°29'29"
C95	28.00	43.73	27.75	39.42	S45°16'42"E	89°29'29"
C96	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"



BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64
DATE 07/25/11
REVISIONS AS BUILT
BY F.R.

PROJECT NAME
**TERRA DEL ESTE
UNIT SIXTY TWO**
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
EL PASO COUNTY, TEXAS,
CONTAINING 140.962 ACRES

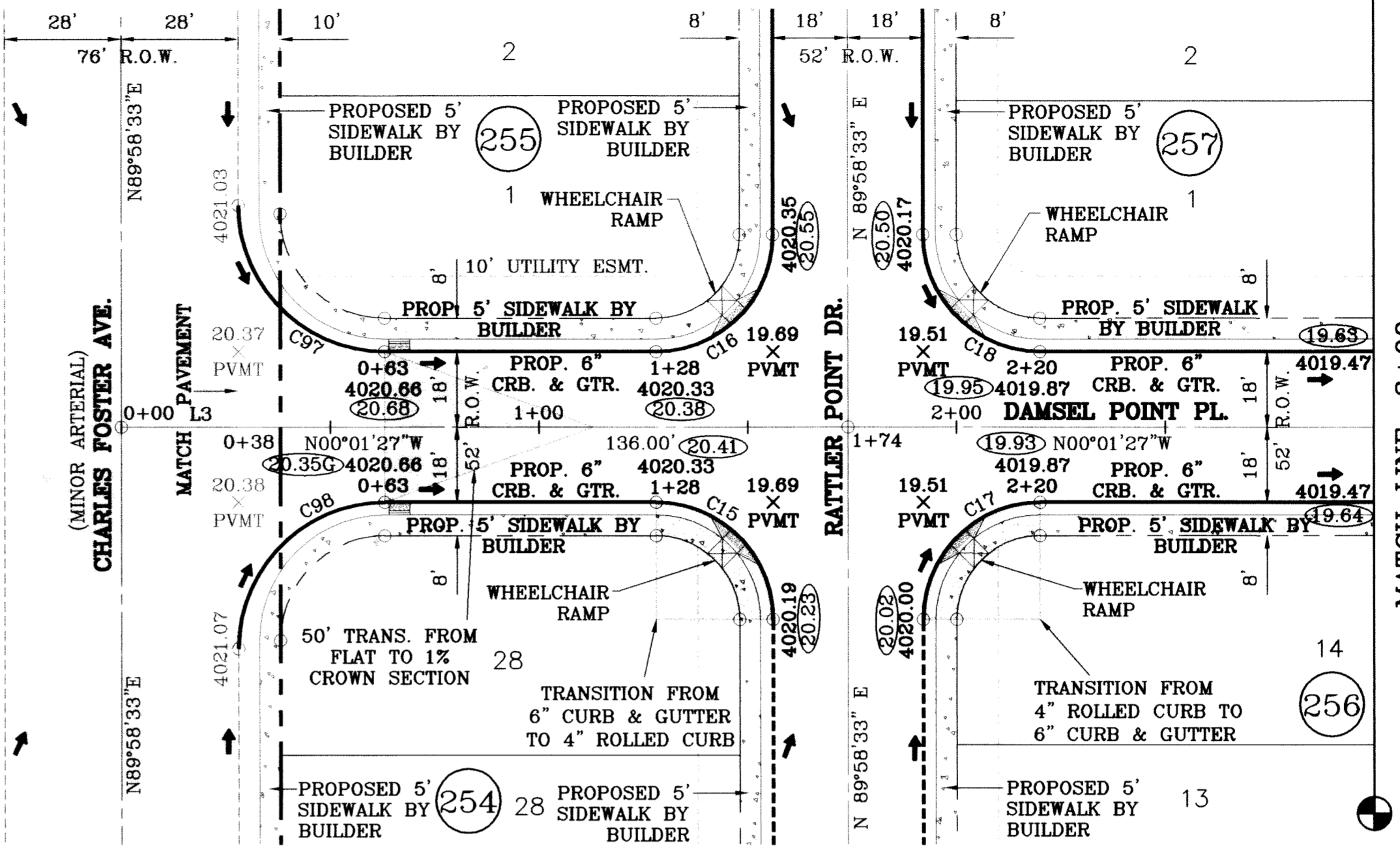
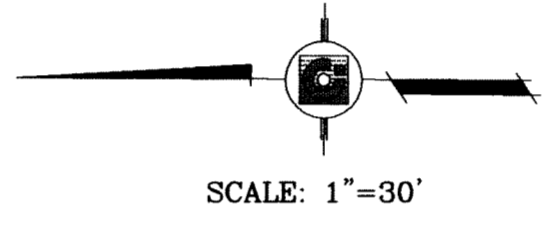
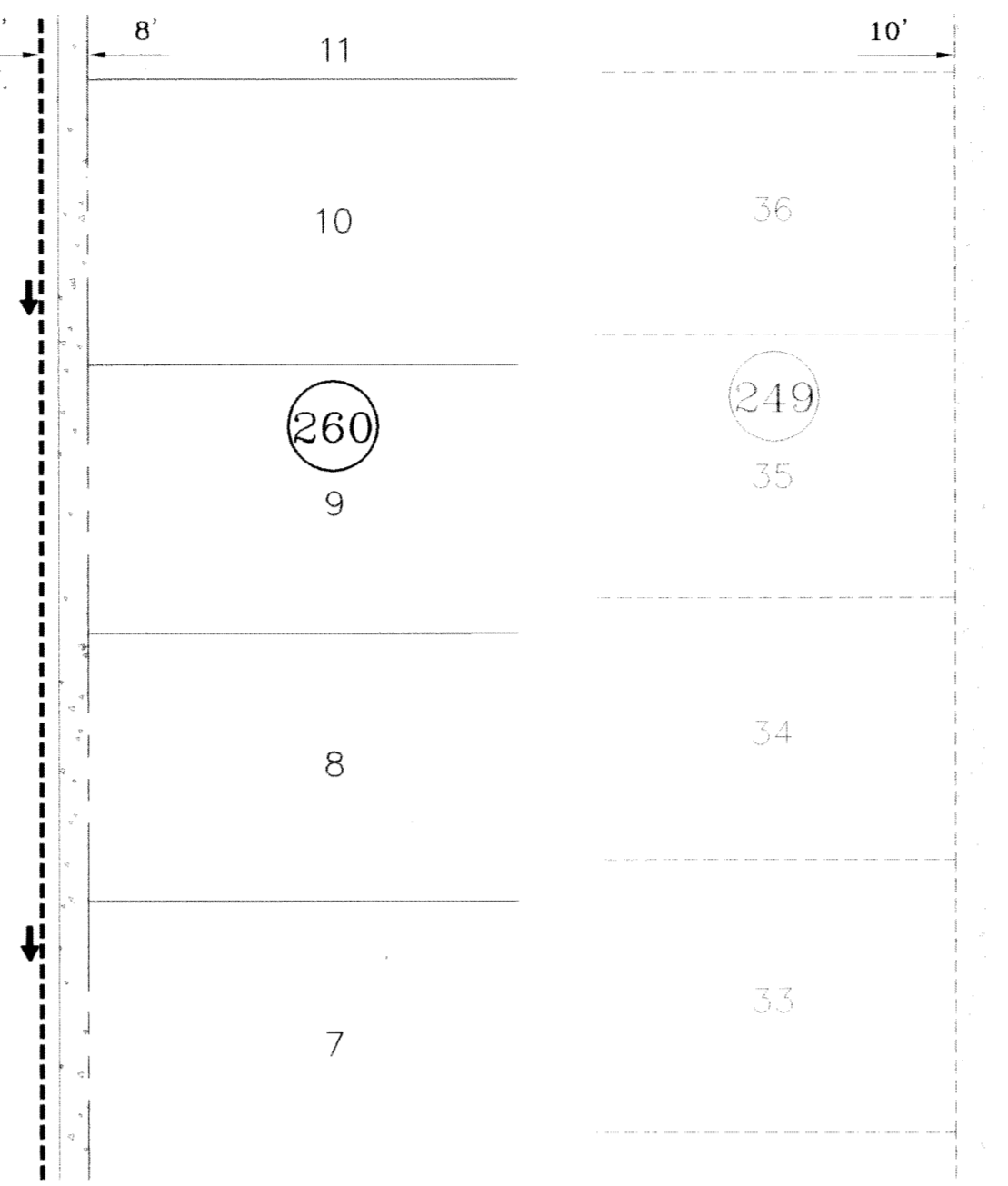
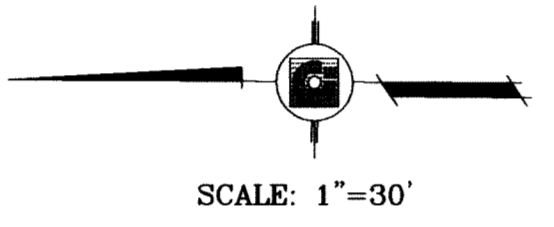
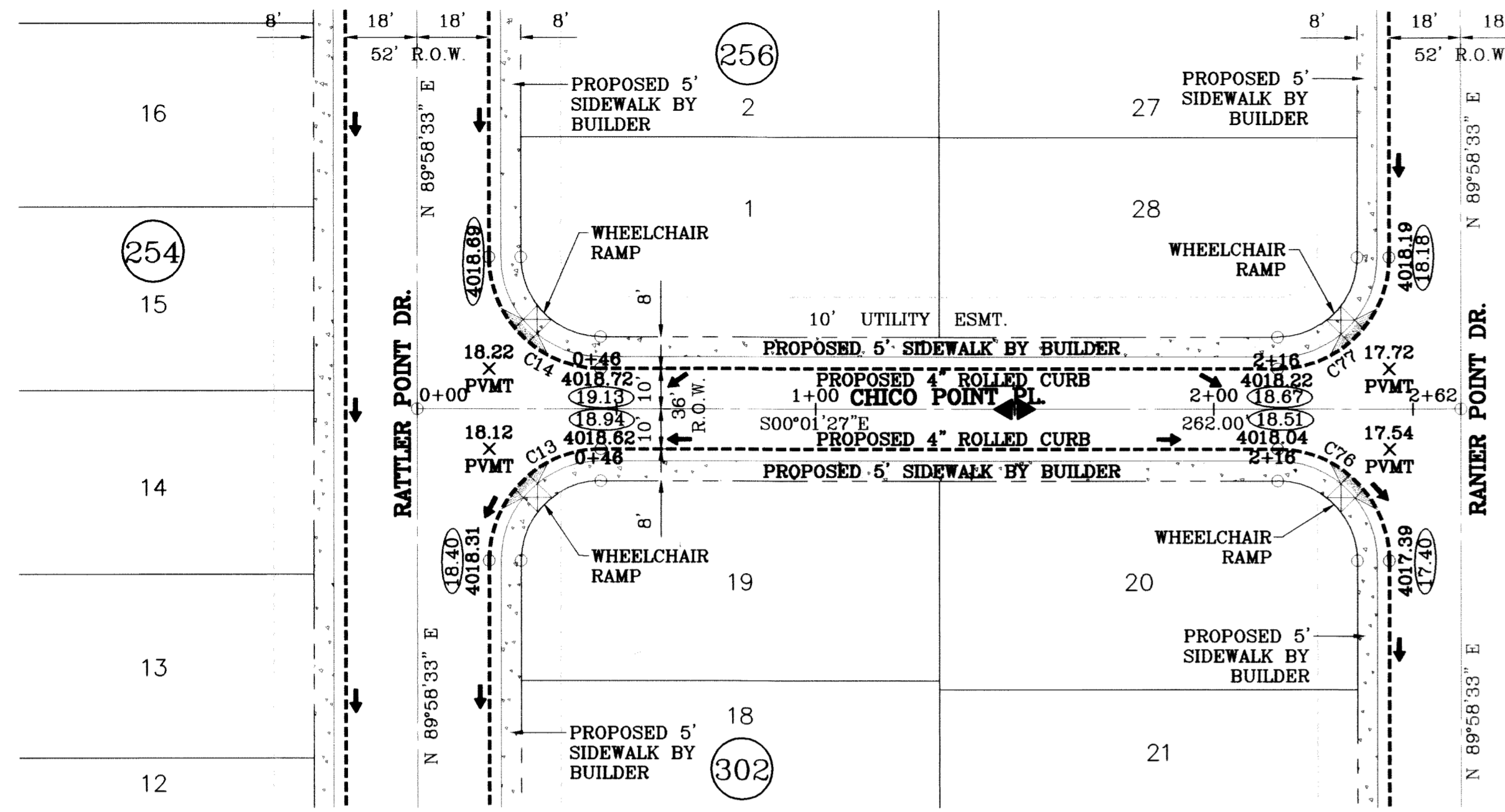
SCALE
HORIZ: 1"=30'
VERT: 1"=10'
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-61



ENGINEER'S SEAL
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURVEY DR. STE 100
EL PASO, TEXAS 79805
(915) 582-0283



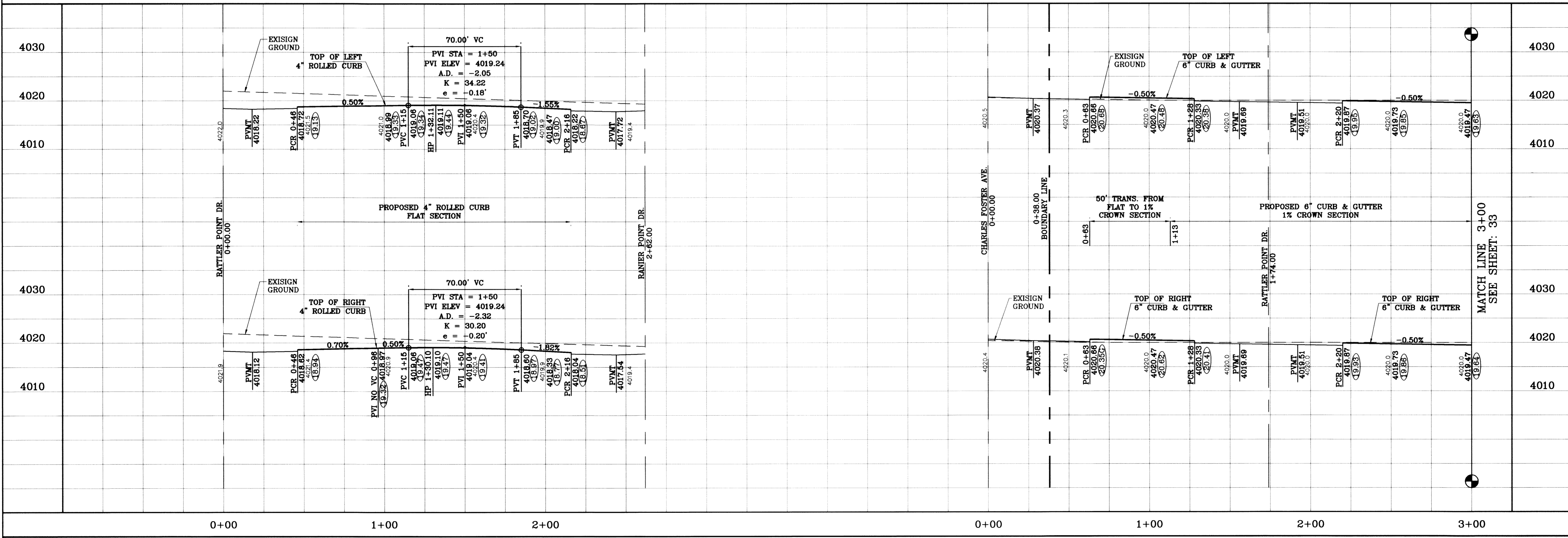
SHEET TITLE
**STREET
PLAN - PROFILE**
RANIER POINT DR.
STA: 21+00
TO
STA: 22+74.34
POET POINT PL.
TO
STA: 22+74.34
STA: 28+15.76



LINE TABLE		
LINE	LENGTH	BEARING
L3	38.00	N00°01'27"W

CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C13	28.00	43.98	28.00	39.60	N45°01'27"W 90°00'00"
C14	28.00	43.98	28.00	39.60	S44°58'33"W 90°00'00"
C15	28.00	43.98	28.00	39.60	N44°58'33"E 90°00'00"
C16	28.00	43.98	28.00	39.60	S45°01'27"E 90°00'00"
C17	28.00	43.98	28.00	39.60	N45°01'27"W 90°00'00"
C18	28.00	43.98	28.00	39.60	S44°58'33"E 90°00'00"
C76	28.00	43.98	28.00	39.60	N44°58'33"E 90°00'00"
C77	28.00	43.98	28.00	39.60	S45°01'27"E 90°00'00"
C97	35.00	54.98	35.00	49.50	S44°58'33"W 90°00'00"
C98	35.00	54.98	35.00	49.50	N45°01'27"W 90°00'00"

○ DENOTES AS BUILT CONDITION ONLY



TERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64 CITY DATUM

PROJECT NAME: TERRA DEL ESTE UNIT SIXTY TWO

DATE: 08/01/11

REVISIONS: AS BUILT

BY: F.R.

S.C.A.L.E. HORIZ: 1"=30' VERT: 1"=10'

DATE: SEPT. 2008

DESIGN BY: YC

INITIATED BY: EFG

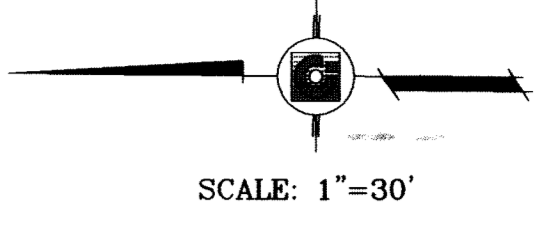
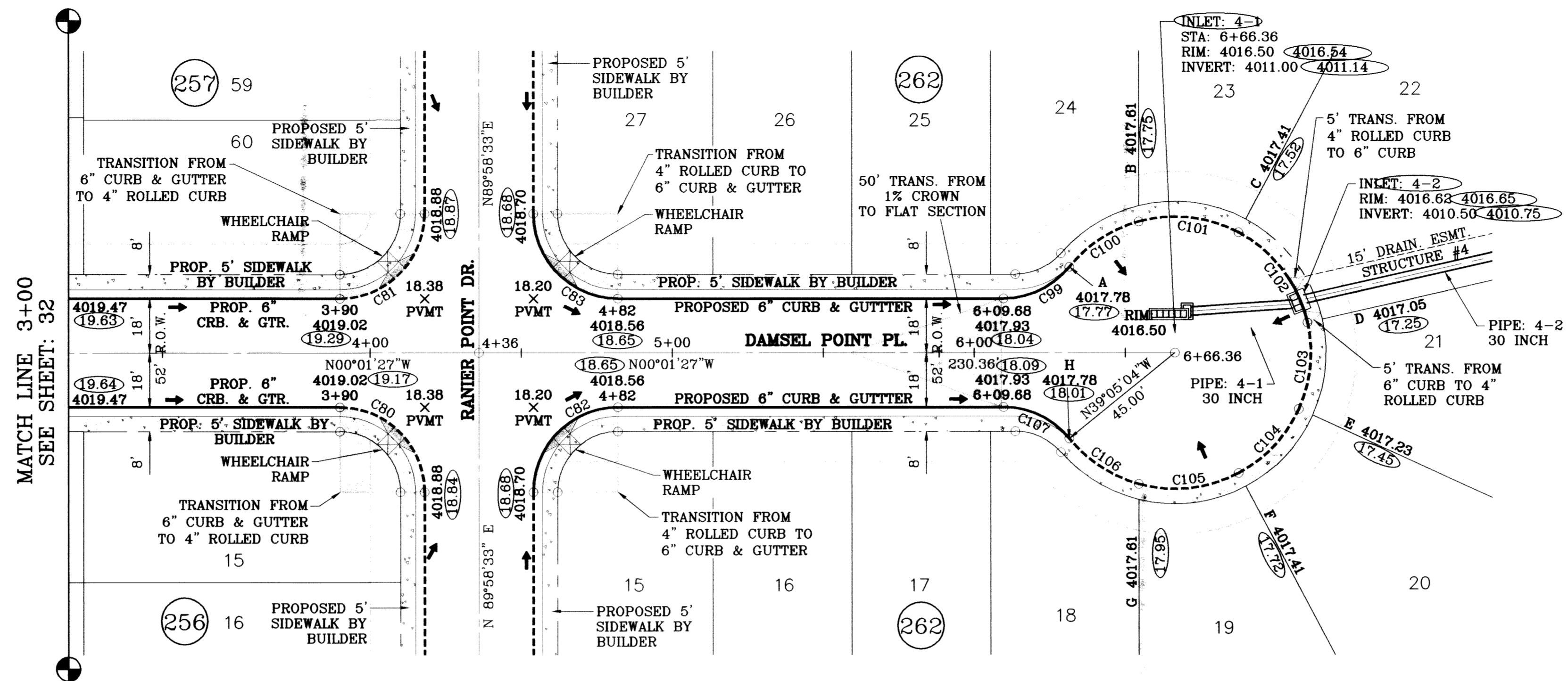
CHECKED BY: YC

JOB NO.: 308-61

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR. STE. 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
STREET PLAN-PROFILE
CHICO POINT PL.
STA: 0+00.00
TO STA: 2+42.00
DAMSEL POINT PL.
STA: 0+00.00
TO STA: 3+00.00

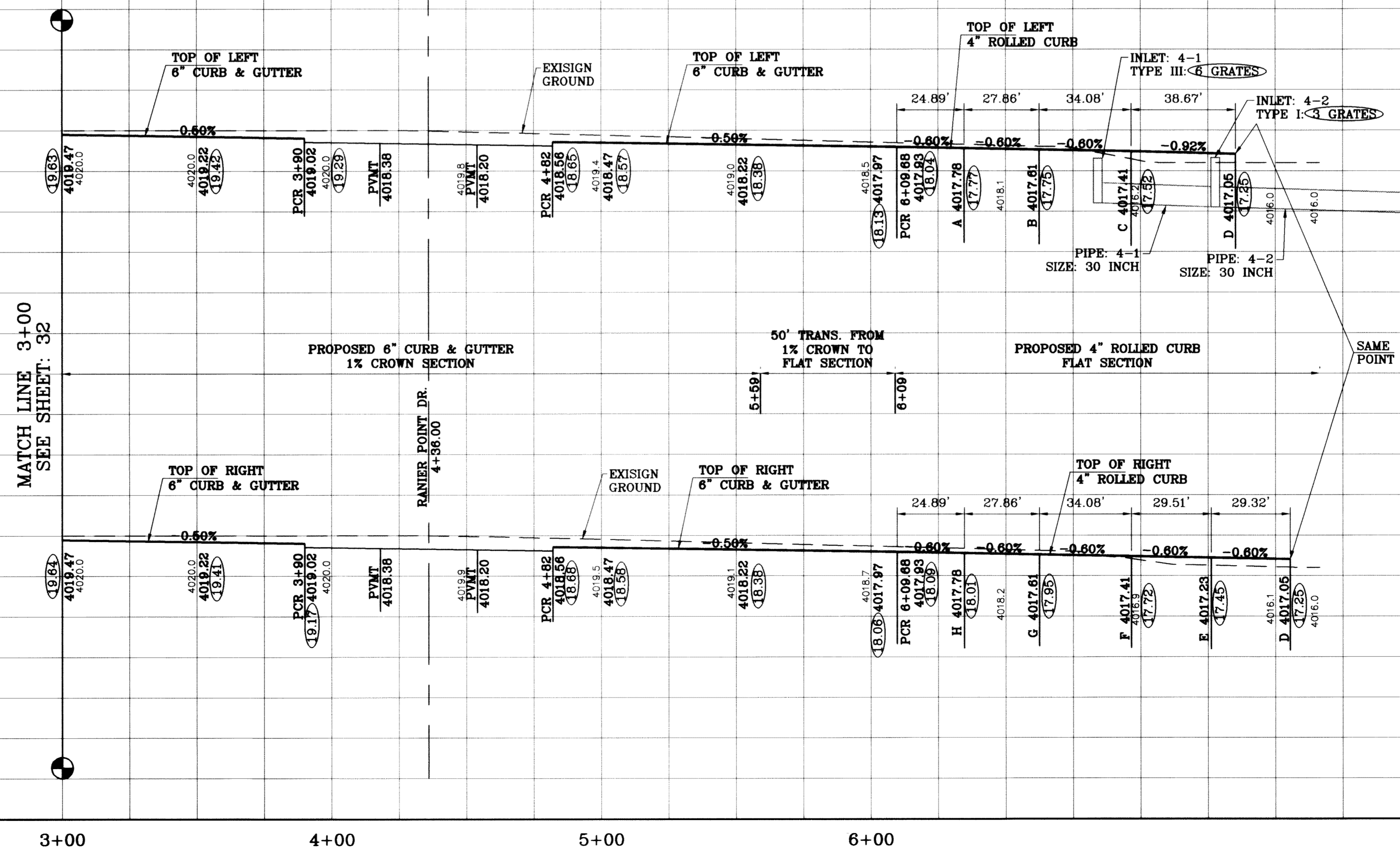
SHT 32 OF 88



SEE SHEET 73 FOR
STRUCTURE #4 DETAILS

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C80	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C81	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C82	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C83	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"
C99	28.00	24.89	13.34	24.08	S25°29'39"E	50°56'23"
C100	45.00	27.86	14.39	27.42	N33°13'37"W	35°28'26"
C101	45.00	34.08	17.90	33.27	N06°12'17"E	43°23'23"
C102	45.00	38.67	20.62	37.49	N52°31'12"E	49°14'28"
C103	45.00	29.32	15.20	28.81	S84°11'33"E	37°20'03"
C104	45.00	29.51	15.31	28.99	S46°44'11"E	37°34'39"
C105	45.00	34.08	17.90	33.27	S06°15'11"E	43°23'23"
C106	45.00	27.86	14.39	27.42	S33°10'43"W	35°28'26"
C107	28.00	24.89	13.34	24.08	N25°26'45"E	50°56'23"



BENCHMARK	
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.	ELEVATION 4002.64
DATE	10/18/09
REVISIONS	CITY REDLINES AS PER 10/07/09 COMMENTS
BY	AS BUILT
DATE	08/01/11
BY	F.R.

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

SCALE	
HORIZ.	1"=30'
VERT.	1"=10'
DATE	SEPT. 2008
DESIGN BY	YC
INITIATED BY	EFG
CHECKED BY	YC
JOB NO.	308-81

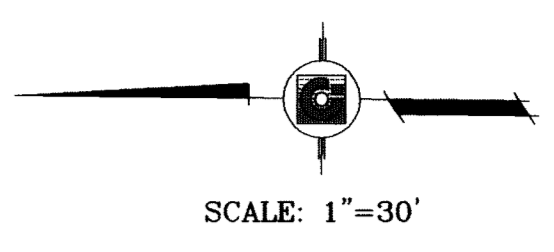
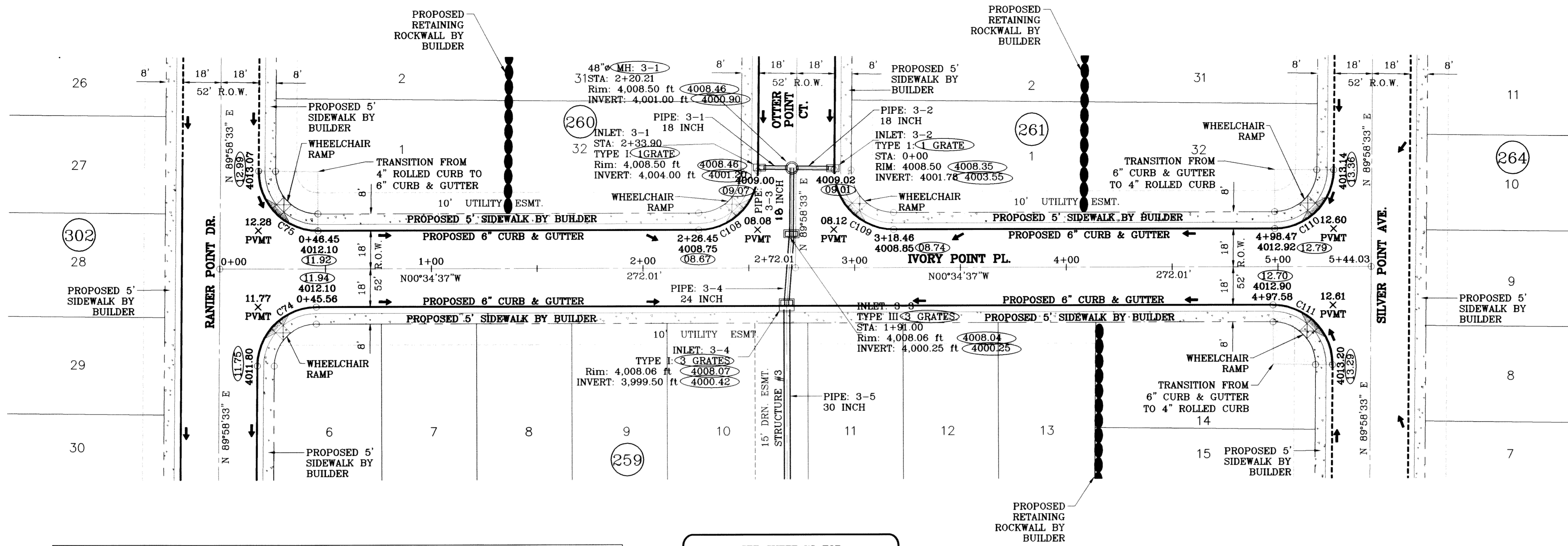
ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
STREET PLAN-PROFILE

DAMSEL POINT PL
STA: 3+00
TO
STA: 6+66.36

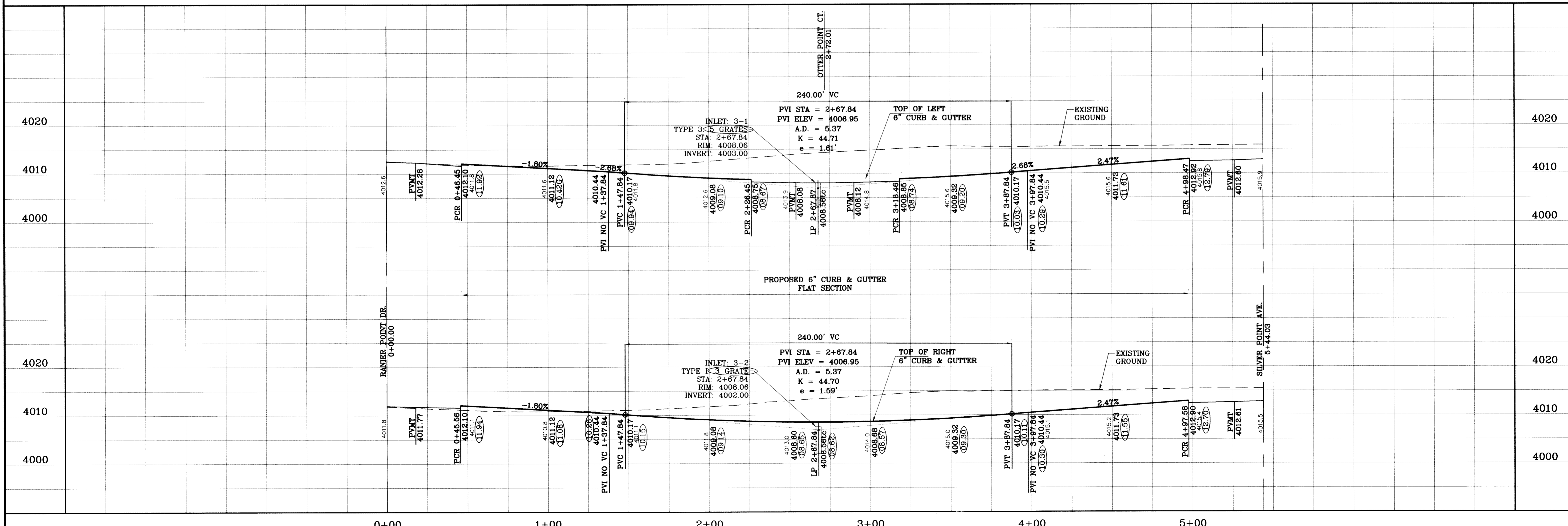
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○ DENOTES AS BUILT CONDITION ONLY

SEE SHEET 73 FOR STRUCTURE #3 DETAILS

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C74	28.00	43.71	27.73	39.41	N45°18'02"W	89°26'50"
C75	28.00	44.25	28.27	39.79	S44°41'58"W	90°33'10"
C108	28.00	43.71	27.73	39.41	S45°18'02"E	89°26'50"
C109	28.00	44.25	28.27	39.79	S44°41'58"E	90°33'10"
C110	28.00	43.71	27.73	39.41	S45°18'02"E	89°26'50"
C111	28.00	44.25	28.27	39.79	N44°41'58"E	90°33'10"



PROJECT NAME: **TERRA DEL ESTE UNIT SIXTY TWO**
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64 CITY DATUM

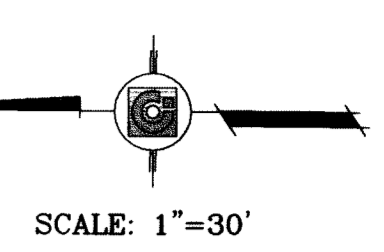
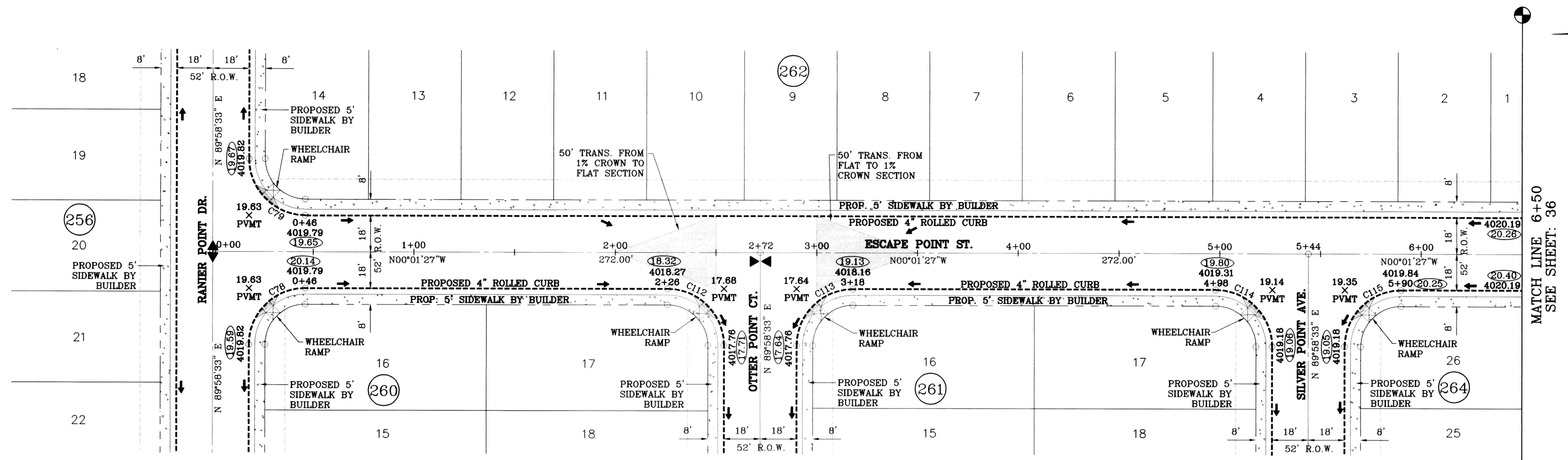
SCALE: 1"=30'
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81

ENGINEER'S SEAL: [Professional Seal of Conde Inc.]

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURVEY DR. SITE 100
 EL PASO, TEXAS 79906
 (915) 592-0283

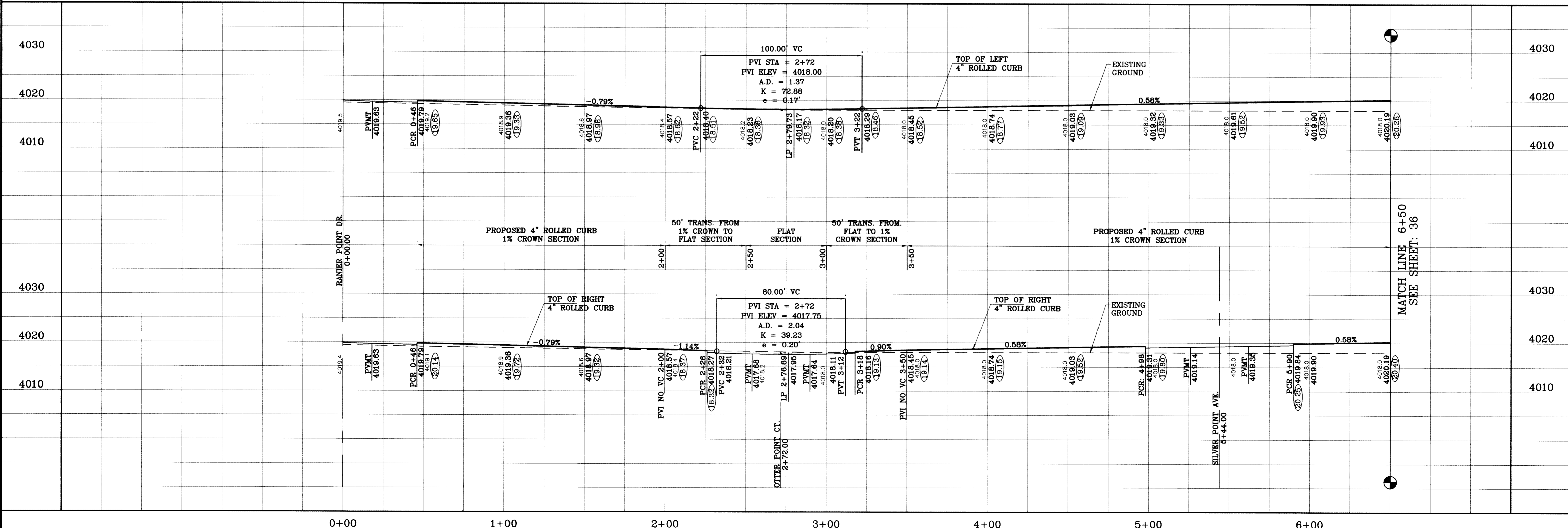
SHEET TITLE:
STREET PLAN - PROFILE
IVORY POINT PL.
 STA: 0+00 TO STA: 5+44.03

SHT 34 OF 88



○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C78	28.00	43.98	28.00	39.60	N45°01'27\"W	90°00'00\"
C79	28.00	43.98	28.00	39.60	S44°58'33\"W	90°00'00\"
C112	28.00	43.98	28.00	39.60	N44°58'33\"E	90°00'00\"
C113	28.00	43.98	28.00	39.60	N45°01'27\"E	90°00'00\"
C114	28.00	43.98	28.00	39.60	N44°58'33\"E	90°00'00\"
C115	28.00	43.98	28.00	39.60	N45°01'27\"W	90°00'00\"



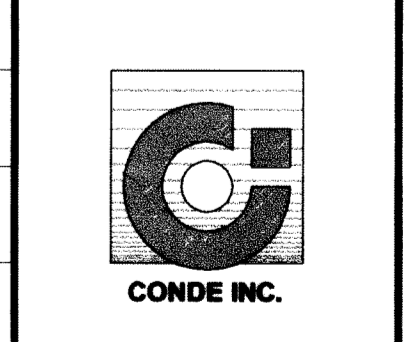
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION	4002.64
DATE	
REVISIONS	
BY	

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-B1

ENGINEER'S SEAL

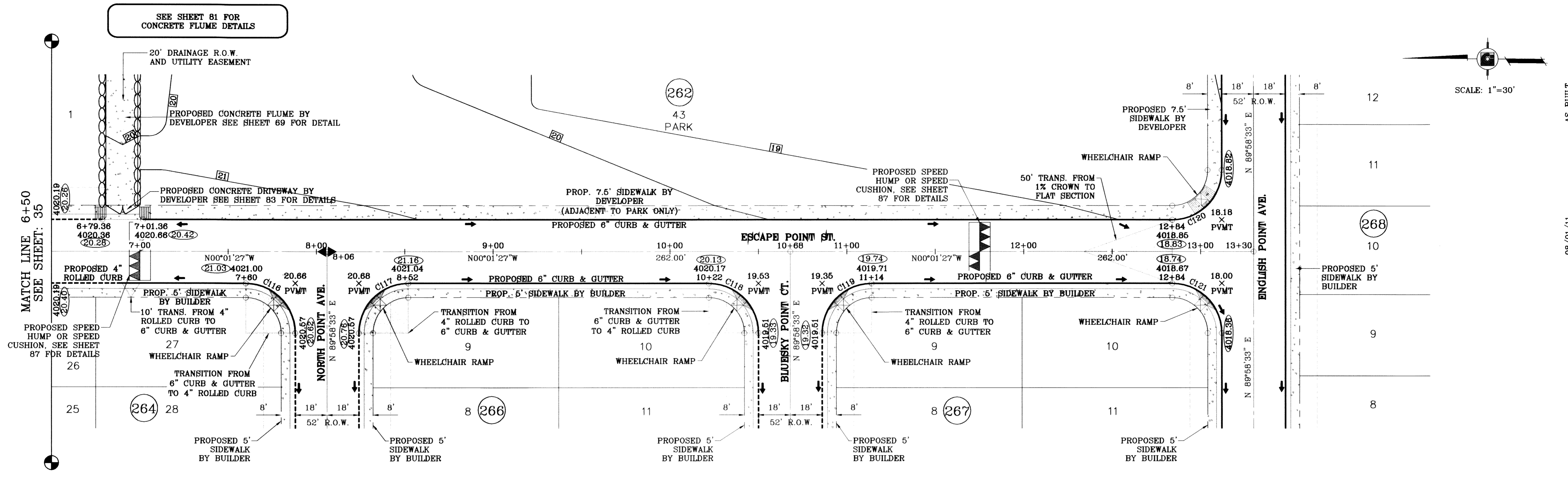
CONDE INC.
 ENGINEERING / PLANNING SURVEYING / GPS
 6080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283



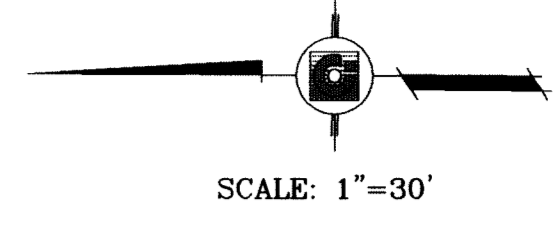
SHEET TITLE
STREET PLAN-PROFILE
ESCAPE POINT ST.
 STA: 0+00 TO STA: 6+50

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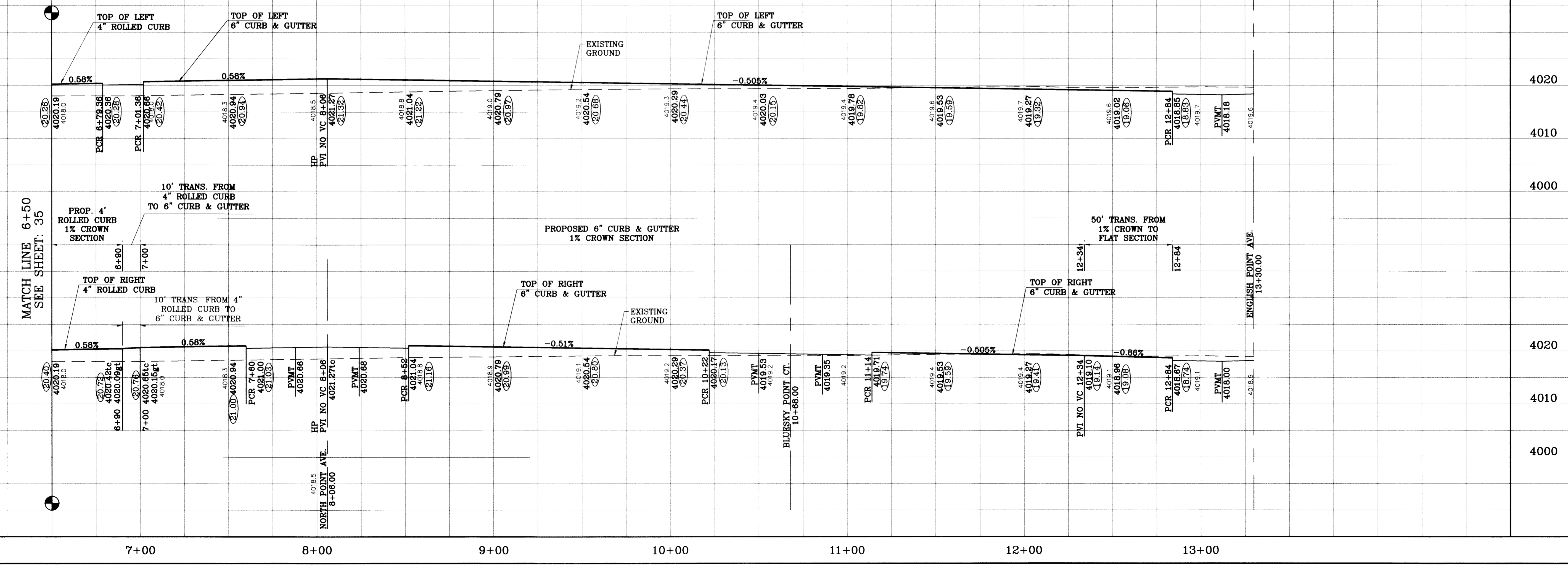


SEE SHEET 61 FOR CONCRETE FLUME DETAILS



○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C116	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C117	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C118	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C119	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C120	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C121	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"



F.R. AS BUILT 08/01/11

BENCHMARK

CITY MONTIC AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64 CITY DATUM

DATE	REVISIONS	BY
10/14/09	CITY REDLINES AS PER 10/07/09 COMMENTS	E.F.G.
10/23/09	CITY REDLINES COMMENTS: REVISE PARK CONTOURS. ADD SPEED CUSHION NOTE.	E.F.G.
11/28/10	CITY RED LINES	R.R.

TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS CONTAINING 140.962 ACRES

SCALE: 1"=30'

HORIZ: 1"=30'
VERT: 1"=10'

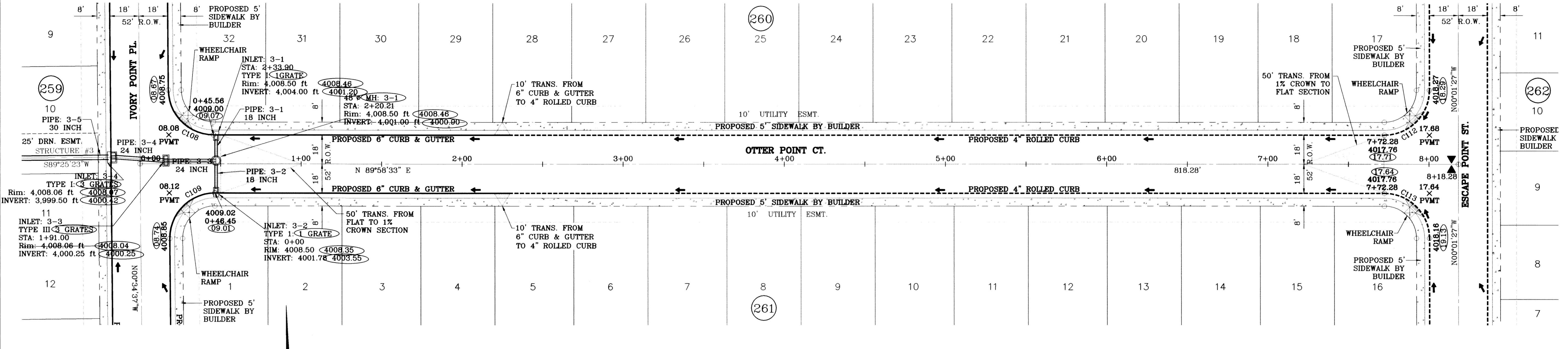
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-61

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE. 100
EL PASO, TEXAS 79905
(915) 582-0283

SHEET TITLE
STREET PLAN-PROFILE
ESCAPE POINT ST.
STA: 6+50
TO
STA: 13+30

SHT 36 OF 88

TIERRA DEL ESTE UNIT SIXTY TWO

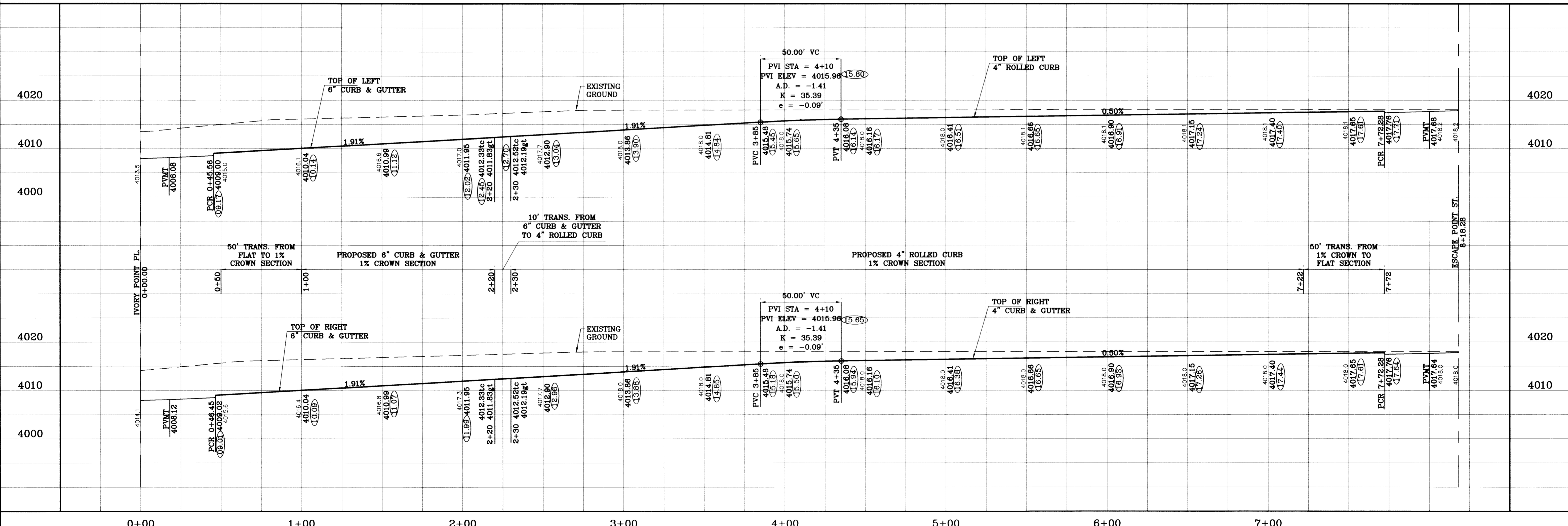


SEE SHEET 73 FOR
STRUCTURE #3 DETAILS

SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C108	28.00	43.71	27.73	39.41	S45°18'02"E	89°26'50"
C109	28.00	44.25	28.27	39.79	S44°41'58"W	90°33'10"
C112	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C113	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"



PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY TWO

BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64

DATE
10/16/09
10/22/09
07/26/11

REVISIONS

DATE	REVISIONS	BY
10/16/09	CITY REDLINES AS PER 10/07/09 COMMENTS	E.F.G.
10/22/09	CITY REDLINES COMMENTS, REVISE	E.F.G.
07/26/11	STRUCTURE #3, AS BUILT	F.R.

**BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
EL PASO COUNTY, TEXAS
CONTAINING 140.962 ACRES**

SCALE
HORIZ: 1"=30'
VERT: 1"=10'

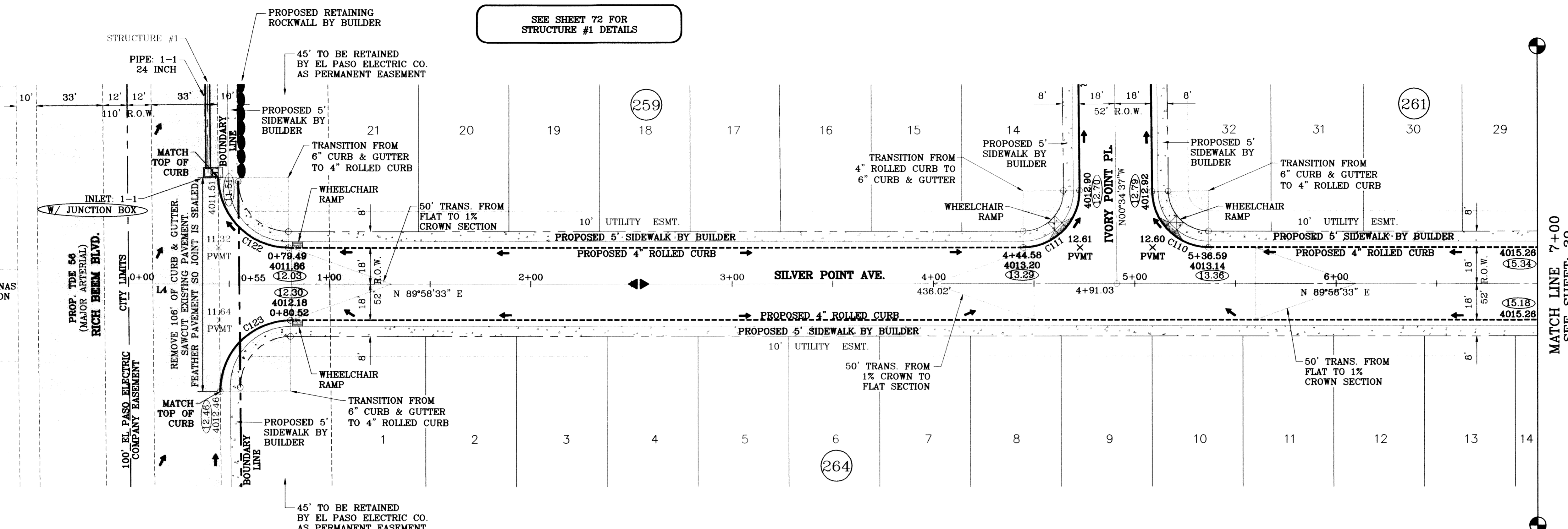
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

ENGINEER'S SEAL
STATE OF TEXAS
YOUNG & CONNORRY
64648
REGISTERED PROFESSIONAL ENGINEER
CIVIL ENGINEERING

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
8080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
STREET
PLAN-PROFILE
**OTTER POINT
CT.
STA: 0+00
TO
STA: 8+18.28**

SHT 37 OF 88



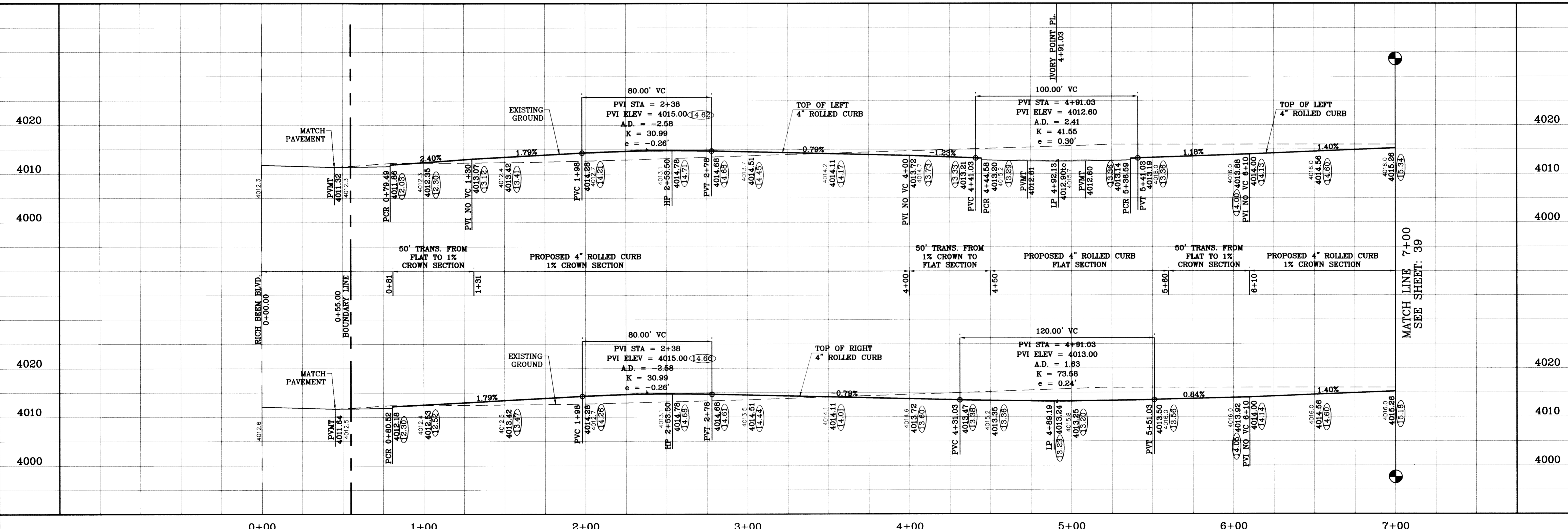
SEE SHEET 72 FOR
STRUCTURE #1 DETAILS

SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

LINE TABLE	
LINE	BEARING
L4	55.00 N89°58'33"E

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C110	28.00	43.71	27.73	39.41	S45°18'02"E	89°26'50"
C111	28.00	44.25	28.27	39.79	N44°41'58"E	90°33'10"
C122	35.00	54.64	34.66	49.26	S45°18'02"E	89°26'50"
C123	35.00	55.32	35.34	49.74	S44°41'58"W	90°33'10"



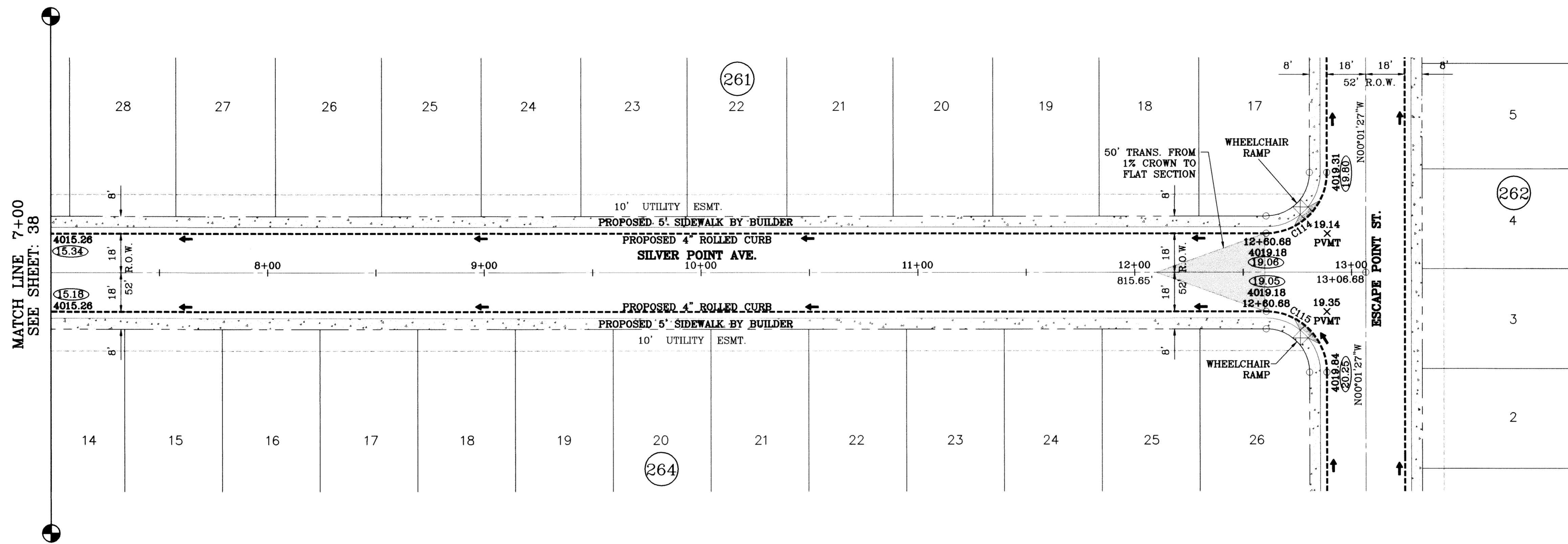
BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64 CITY DATUM
DATE 07/26/11
REVISIONS AS BUILT
BY F.R.

PROJECT NAME
**TERRA DEL ESTE
UNIT SIXTY TWO**
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
EL PASO COUNTY, TEXAS
SURVEYED BY PACIFIC RAILROAD COMPANY SURVEYS,
EL PASO, TEXAS
CONTAINING 140.966 ACRES

SCALE
HORIZ: 1"=30'
VERT: 1"=10'
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

ENGINEER'S SEAL
STATE OF TEXAS
CONDE INC.
CONDE INC. ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

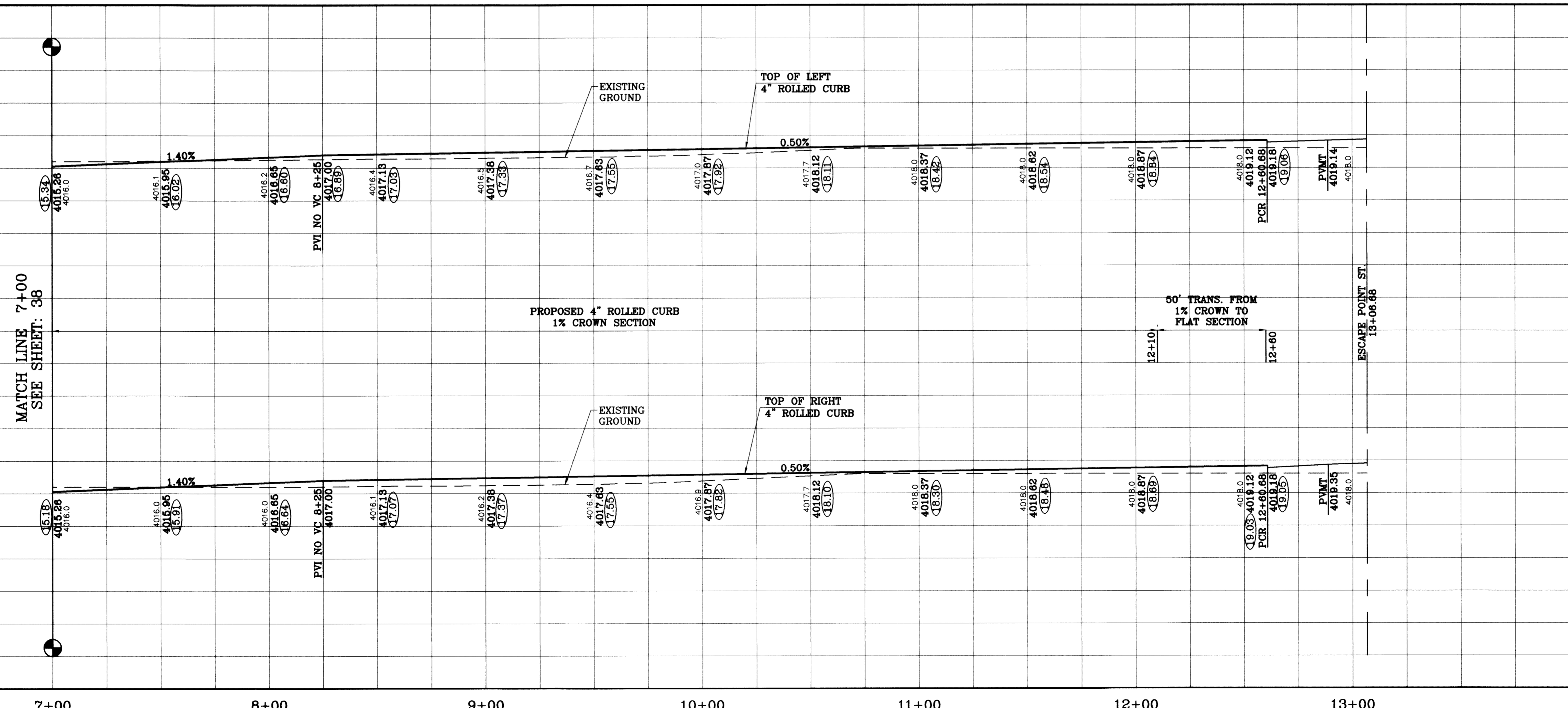
SHEET TITLE
**SILVER POINT
AVE.**
STA: 0+00
TO
STA: 7+00
SHT 38 OF 88



SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C114	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C115	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"



PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO

BENCHMARK
 CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEN BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64

DATE
 07/28/11

REVISIONS
 AS BUILT

BY
 P.R.

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS CONTAINING 140.962 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

ENGINEER'S SEAL

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR. STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283

SHEET TITLE
STREET PLAN-PROFILE
SILVER POINT AVE
 STA: 7+00 TO STA: 13+00.00

TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
TEXAS AND PACIFIC RAILWAY COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 140.96 ACRES

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	39.51	25.24	35.53	S44°41'58"W	90°33'10"
C2	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C3	20.00	17.08	9.10	16.56	N24°28'05"E	48°50'04"
C4	50.00	15.46	7.79	15.40	S40°02'07"W	174°25'59"
C5	50.00	41.43	21.99	40.26	S07°28'15"W	47°28'46"
C6	50.00	32.17	16.66	31.62	S34°43'58"E	36°51'39"
C7	50.00	32.17	16.66	31.62	S71°35'37"E	36°51'39"
C8	50.00	32.17	16.66	31.62	N71°32'43"E	36°51'39"
C9	50.00	32.17	16.66	31.62	N45°01'27"W	90°00'00"
C10	50.00	41.43	21.99	40.26	N07°28'05"E	47°28'46"
C11	50.00	15.46	7.79	15.40	N40°05'01"W	104°05'58"
C12	20.00	17.08	9.10	16.56	S24°28'05"E	48°55'04"
C13	20.00	31.42	20.00	28.28	S44°58'33"E	90°00'00"
C14	20.00	31.22	19.81	28.15	N45°18'02"W	89°28'50"
C15	20.00	31.61	20.19	28.42	S44°41'58"W	90°33'10"
C16	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C17	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C18	20.00	31.22	19.81	28.15	S45°18'02"E	89°28'50"
C19	20.00	31.61	20.19	28.42	N44°41'58"E	90°33'10"
C20	20.00	7.61	3.85	7.56	S79°07'51"E	21°47'12"
C21	50.00	34.53	17.99	33.85	N88°01'23"W	39°34'17"
C22	50.00	62.82	36.32	58.77	S36°12'00"W	71°58'57"
C23	50.00	75.00	46.58	68.16	S42°45'39"E	85°56'20"
C24	50.00	53.17	28.41	50.77	N63°48'30"E	60°55'23"
C25	50.00	9.32	4.67	9.31	N20°00'19"E	104°05'58"
C26	20.00	23.50	13.32	22.17	S58°19'12"W	67°18'43"
C27	20.00	31.22	19.81	28.15	N45°18'02"W	89°28'50"
C28	20.00	31.61	20.19	28.42	S44°41'58"W	90°33'10"
C29	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C30	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C31	20.00	31.22	19.81	28.15	S45°18'02"E	89°28'50"
C32	20.00	31.61	20.19	28.42	N44°41'58"E	90°33'10"
C33	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C34	20.00	31.59	20.18	28.41	N44°43'18"E	90°30'31"
C35	20.00	31.22	19.81	28.15	S45°18'02"E	89°28'50"
C36	20.00	31.61	20.19	28.42	N44°41'58"E	90°33'10"
C37	20.00	21.92	12.21	20.84	S58°37'32"E	62°47'50"
C38	50.00	53.17	28.41	50.77	N63°48'30"E	24°15'00"
C39	50.00	48.71	26.48	46.80	N72°01'07"W	54°49'45"
C40	50.00	63.95	37.19	59.68	S36°03'55"W	73°17'05"
C41	50.00	64.36	37.51	60.01	S37°27'17"E	73°45'20"
C42	50.00	40.75	21.58	39.63	N82°19'13"E	46°41'39"
C43	20.00	7.22	3.65	7.18	S89°19'16"W	20°41'45"
C44	20.00	3.60	1.80	3.59	S84°49'21"W	10°18'25"
C45	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C46	20.00	31.59	20.18	28.41	N44°43'18"E	90°30'31"
C47	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C48	20.00	31.60	20.18	28.41	N44°43'47"E	90°31'30"
C49	30.00	46.85	29.73	42.23	S45°16'13"E	89°28'30"
C50	40.00	4.19	2.10	4.19	N02°28'07"E	6°00'08"
C51	40.00	11.76	5.92	11.72	N13°53'36"E	16°50'49"
C52	70.00	34.32	17.51	33.98	S08°16'09"W	28°05'42"
C53	70.00	35.57	18.18	35.59	S20°27'04"E	29°06'45"
C54	70.00	35.57	18.18	35.19	S49°28'49"E	29°06'45"
C55	70.00	36.79	18.83	36.37	S79°03'38"E	30°06'54"
C56	70.00	20.98	10.57	20.90	N77°17'50"E	17°10'11"
C57	40.00	14.86	7.51	14.77	S79°21'08"W	21°16'48"
C58	20.00	31.23	19.82	28.15	N45°16'13"W	89°28'30"
C59	25.00	39.50	25.23	35.52	N44°43'47"E	90°31'50"

Tierra Del Este Unit Sixty Two Notes:

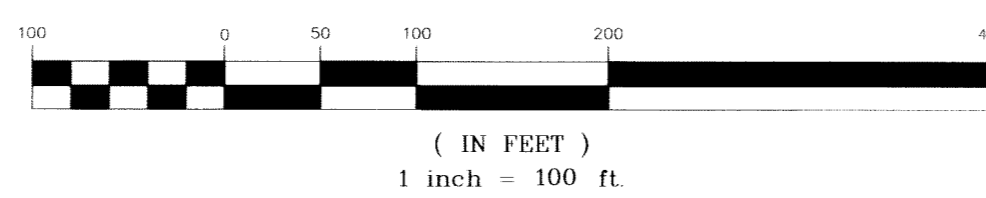
Tierra Del Este Subdivision Unit Sixty Two is subject to the Annexation Agreement entered into by Ranchos Real IV LTD with the City of El Paso on January 31, 2006. Among other conditions the agreement required the following:
 Item #11: Owner agrees to pay a water and wastewater connection fee to the El Paso Water Utilities Department of the City for each three quarter inch (3/4") equivalent water meter that is connected to the public water system as shown below. The water and wastewater connection fee shall be increased by three (3) percent on March 1, 2006, and each year thereafter. Payment of the water and wastewater connection fee shall be due at the time of application for water and wastewater to the system.

Water Size	Water (L)	Wastewater (L)
5/8" x 3/4"	566	328
1"	1,396	809
1 1/2"	2,830	1,640
2"	4,528	2,624
3"	9,056	5,248
4"	14,150	8,200
6"	28,300	16,400
8"	52,827	30,613
10"	75,467	43,333

LINE	LENGTH	BEARING
L1	15.00	S89°25'23"W
L2	14.62	N89°47'29"W
L3	55.00	N80°58'33"E
L4	19.00	N00°12'27"W
L5	14.00	S00°12'27"E
L6	51.23	S89°59'32"W
L7	51.24	N00°34'37"W



GRAPHIC SCALE



NOTES:

LOT CORNERS WILL BE SET UPON COMPLETION OF CONSTRUCTION OF ROADWAYS AND UTILITIES.

U.S. POSTAL SERVICE DELIVERY WILL BE PROVIDED THROUGH NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS.

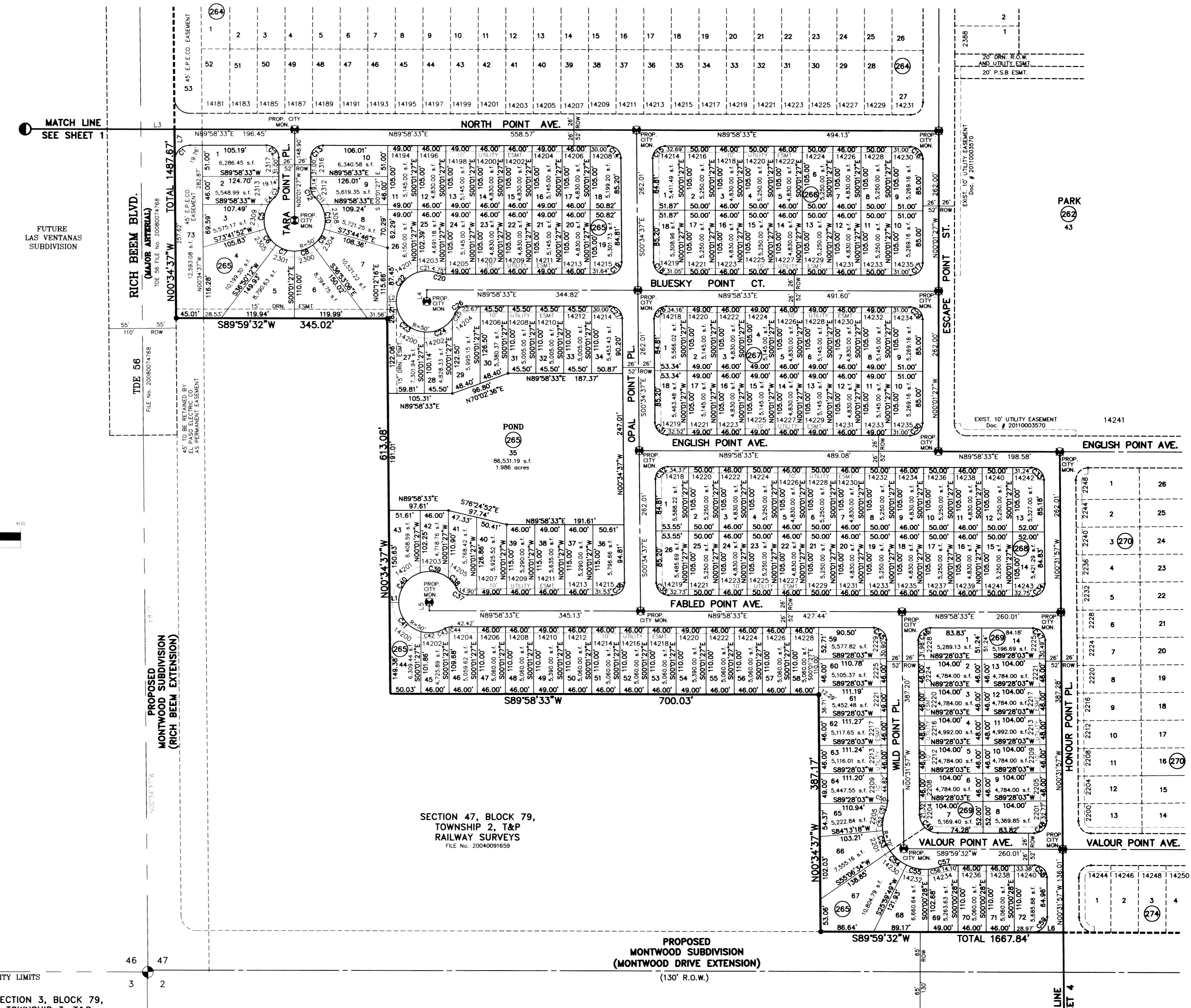
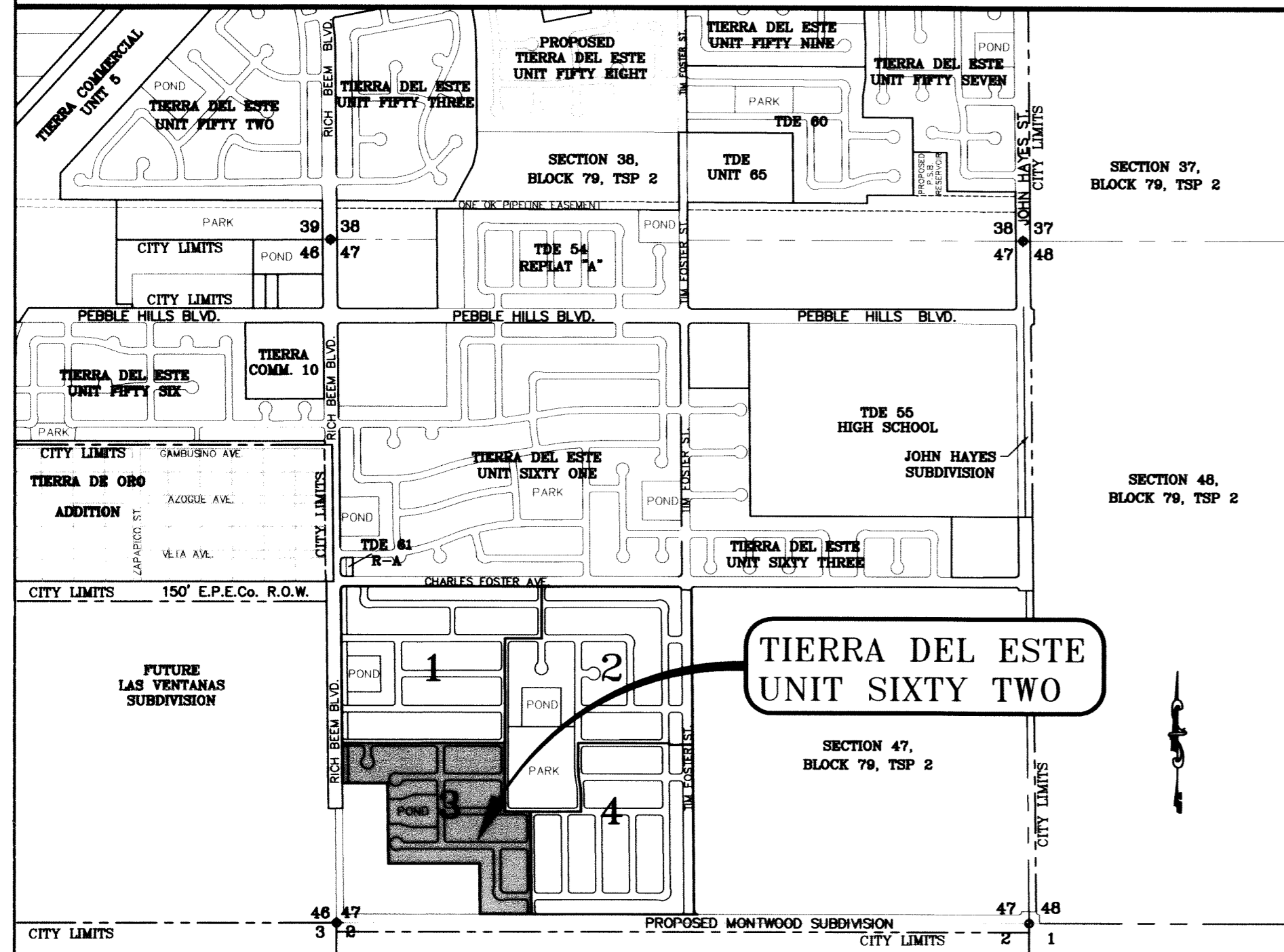
SET 1/2" REBAR WITH CAP MARKED TX 5152 AT ALL EXTERIOR BOUNDARY CORNERS UNLESS OTHERWISE NOTED.

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO 4802120158, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD ZONE X OUTSIDE THE 500 YEAR FLOOD-PLAIN.

NO PERMANENT STRUCTURES SHALL BE ALLOWED UNTO THE PERMANENT 45' EL PASO ELECTRIC COMPANY EASEMENT. (REFER TO ALL LOTS ADJUTING RICH BEEM BLVD.)

LOCATION MAP

SCALE: 1"=100'



SECTION 3, BLOCK 79, TOWNSHIP 3, T&P RAILWAY SURVEYS

SECTION 2, BLOCK 79, TOWNSHIP 3, T&P RAILWAY SURVEYS

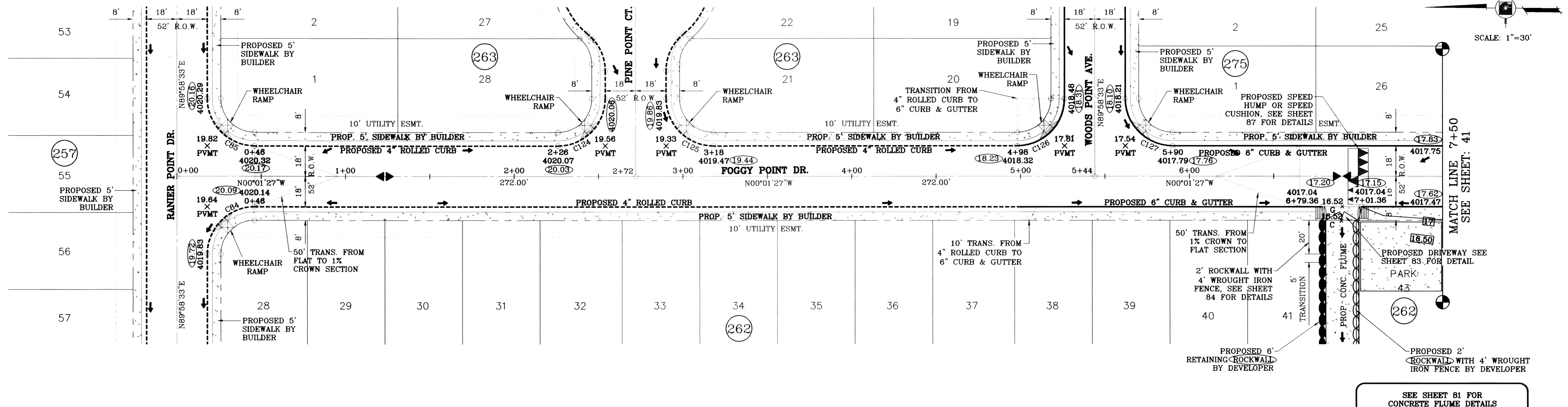
SECTION 47, BLOCK 79, TOWNSHIP 2, T&P RAILWAY SURVEYS

ACKNOWLEDGEMENT

ATTEST: NOT REQUIRED
 STATE OF TEXAS
 COUNTY OF EL PASO
 Before me, the undersigned authority, on this day personally appeared Douglas A. Schwartz, Manager of RANCHOS REAL, L.L.C., ON BEHALF OF SAID LIMITED LIABILITY COMPANY, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same as the act and deed of said company for the purpose and considerations herein expressed.
 Given under my hand and seal of office this 1st day of February, 2011.
 /s/ Susan McMillan
 Notary Public in and for El Paso County My Commission Expires 3-16-13

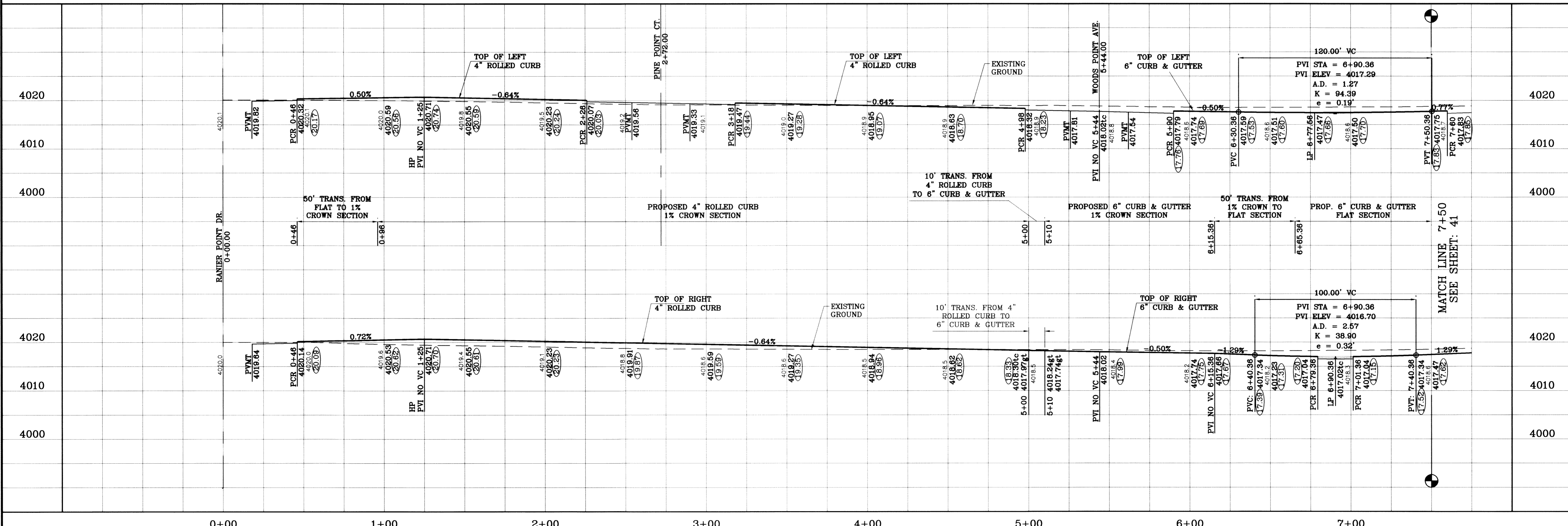
DATE OF PREPARATION: SEPTEMBER 05, 2008

 CONDE INC.
 ENGINEERING - PLANNING
 GIS - SURVEYING - CAD
 6090 SURREY DR., STE 100
 EL PASO, TEXAS 79905
 PHONE: (915) 592-6291
 FAX: (915) 592-0286



○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C84	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C85	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"
C124	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C125	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"
C126	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C127	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"



TIERRA DEL ESTE UNIT SIXTY TWO

PROJECT NAME: TIERRA DEL ESTE UNIT SIXTY TWO

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64

SCALE: 1"=30'

DATE: 10/14/09

REVISIONS: AS PER 10/07/09 COMMENTS

BY: E.F.G.

DATE: 10/23/09

REVISIONS: CITY REDLINES COMMENTS, ADD SPEED CUSHION NOTE.

BY: E.F.G.

DATE: 07/26/11

REVISIONS: AS BUILT

BY: F.R.

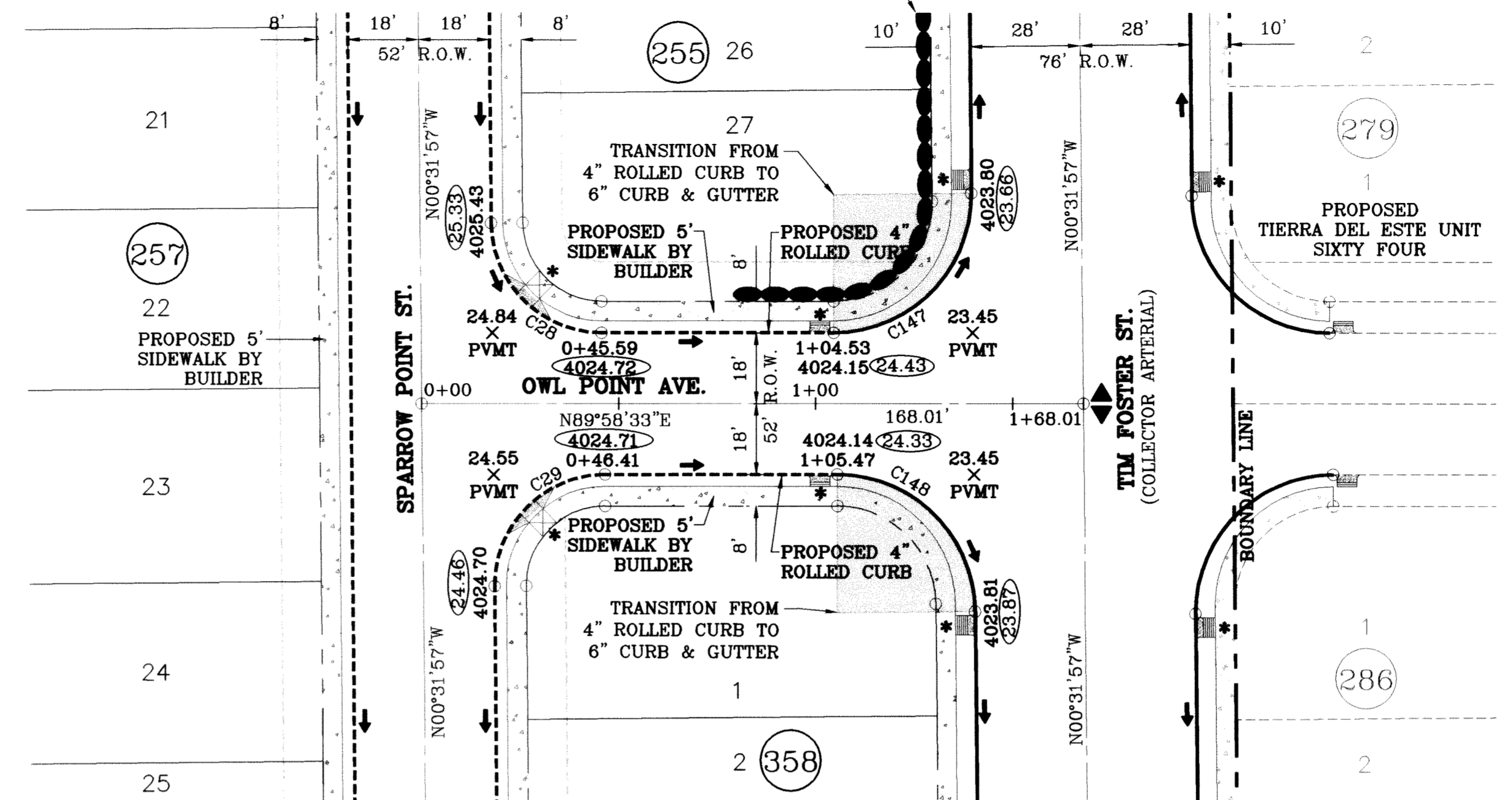
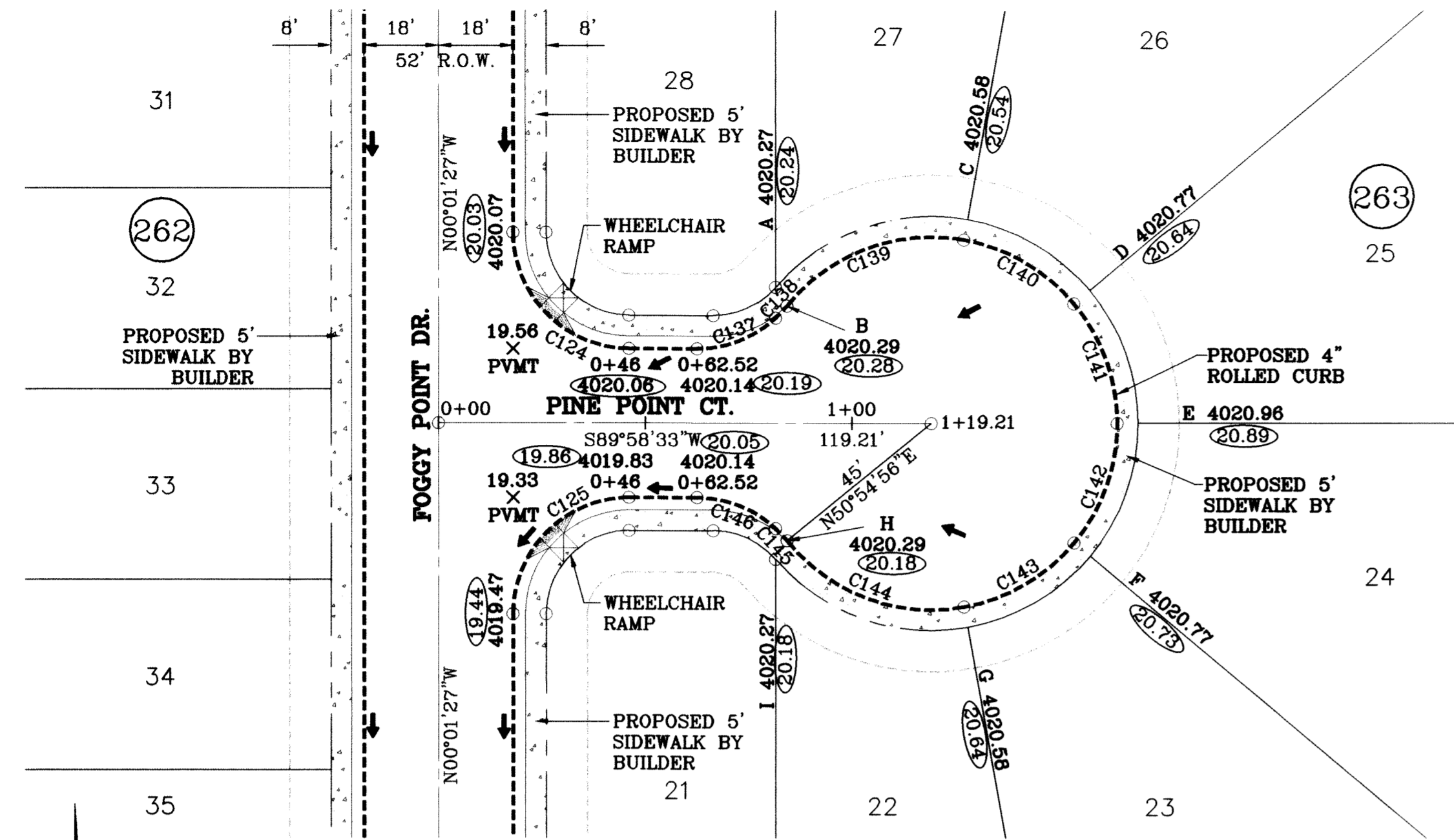
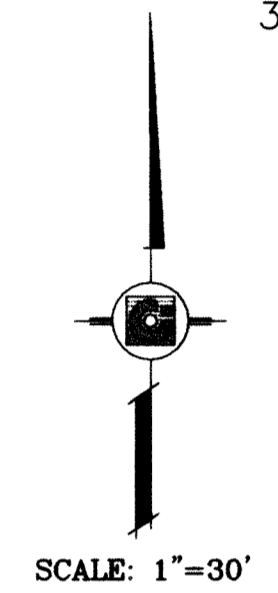
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

ENGINEER'S SEAL: CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS 6080 SURETY DR. STE 100 EL PASO, TEXAS 79905 (915) 592-0283

SHEET TITLE: STREET PLAN-PROFILE

FOGGY POINT DR. STA: 0+00 TO: 7+00

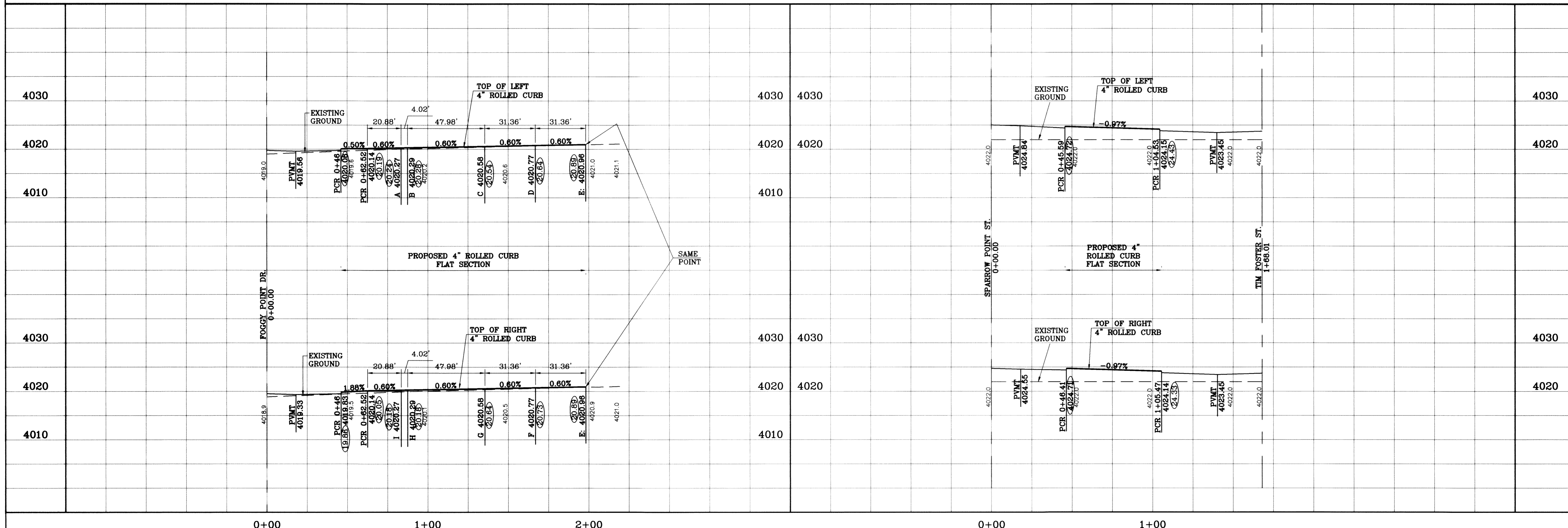
SHT 40 OF 88



SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C28	28.00	43.73	27.75	39.42	S45°16'42"E	89°29'29"
C29	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"
C124	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C125	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"
C137	28.00	20.88	10.95	20.40	N68°37'00"E	42°43'06"
C138	28.00	4.02	2.01	4.01	N43°08'49"E	8°13'17"
C139	45.00	47.98	26.55	45.74	S69°34'43"W	61°05'06"
C140	45.00	31.36	16.35	30.73	N59°54'55"W	39°55'39"
C141	45.00	31.36	16.35	30.73	N19°59'16"W	39°55'39"
C142	45.00	31.36	16.35	30.73	N19°56'22"E	39°55'39"
C143	45.00	31.36	16.35	30.73	N59°52'01"E	39°55'39"
C144	45.00	47.98	26.55	45.74	S69°37'37"E	61°05'06"
C145	28.00	4.02	2.01	4.01	N43°11'43"W	8°13'17"
C146	28.00	20.88	10.95	20.40	N68°39'54"W	42°43'06"
C147	35.00	55.29	35.31	49.72	N44°43'16"E	90°30'31"
C148	35.00	54.67	34.69	49.28	N45°16'42"W	89°29'29"



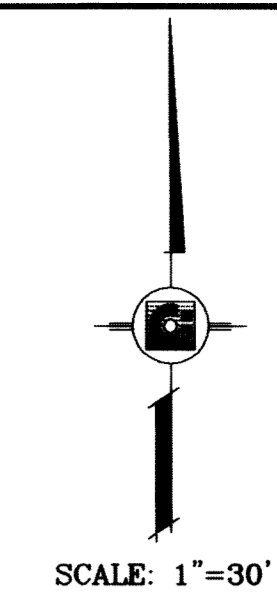
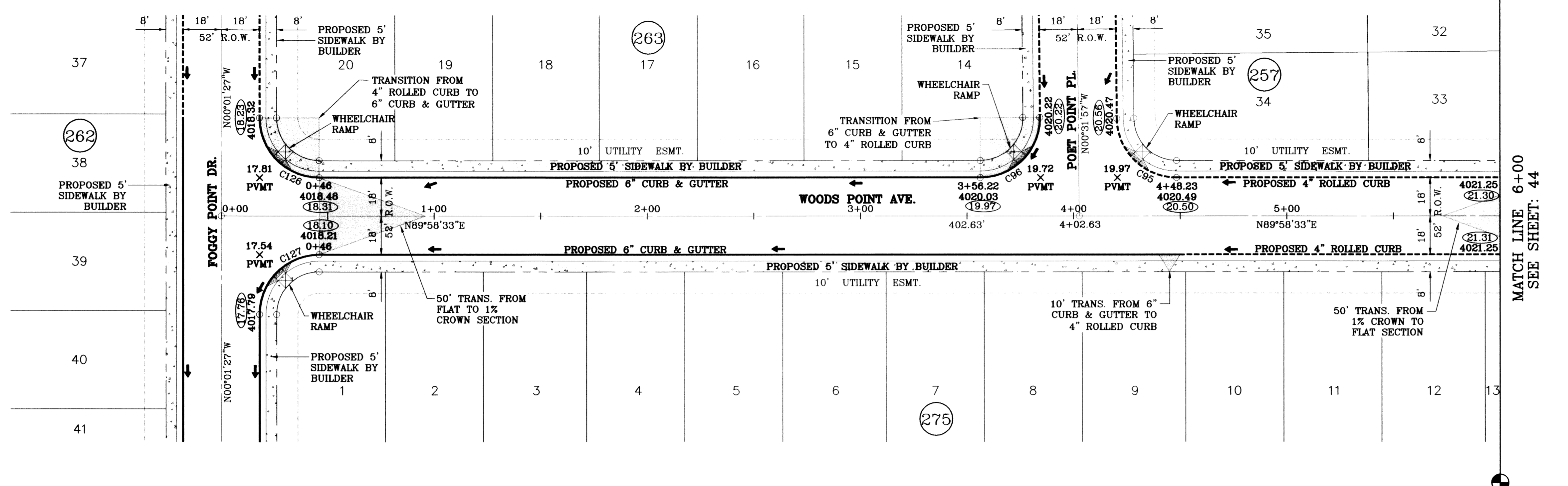
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD AND RAINBOY POINT DR
DATE	ELEVATION 4002.84
REVISIONS	AS BUILT
BY	F.R.
DATE	08/01/11

TERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PART OF RAINBOY BLVD COMPANY SURVEYS, EL PASO COUNTY, TEXAS
 CONTAINING 140.962 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81

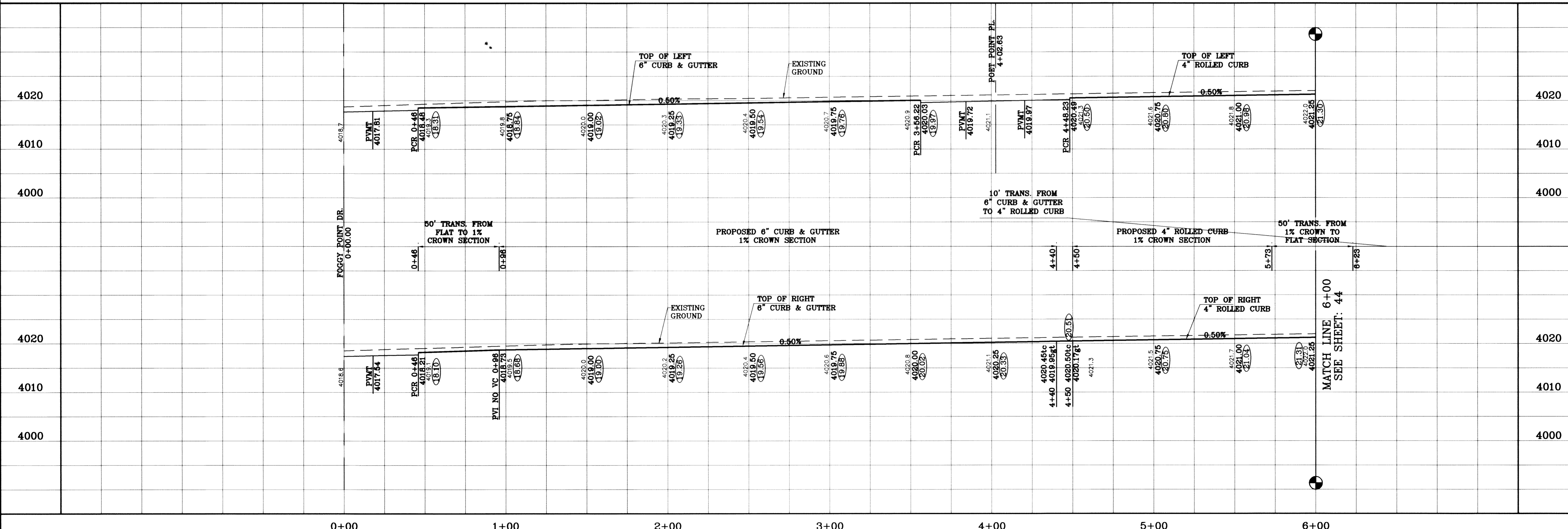
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR., STE. 100
 EL PASO, TEXAS 79905
 (915) 582-0283

SHEET TITLE
STREET PLAN-PROFILE
PINE POINT CT.
 STA: 0+00 TO STA: 1+19.21
OWL POINT AVE.
 STA: 0+00 TO STA: 1+68.01



○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C95	28.00	43.73	27.75	39.42	S45°16'42"E	89°29'29"
C96	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C126	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C127	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"



PROJECT NAME
**TERRA DEL ESTE
UNIT SIXTY TWO**

CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BEEB BLVD. AND WOODS POINT DR.
ELEVATION 4002.64 CITY DATUM

DATE: 07/26/11 REVISIONS: AS BUILT BY: P.R.

SCALE: 1"=30'

HORIZ: 1"=90'
VERT: 1"=10'

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

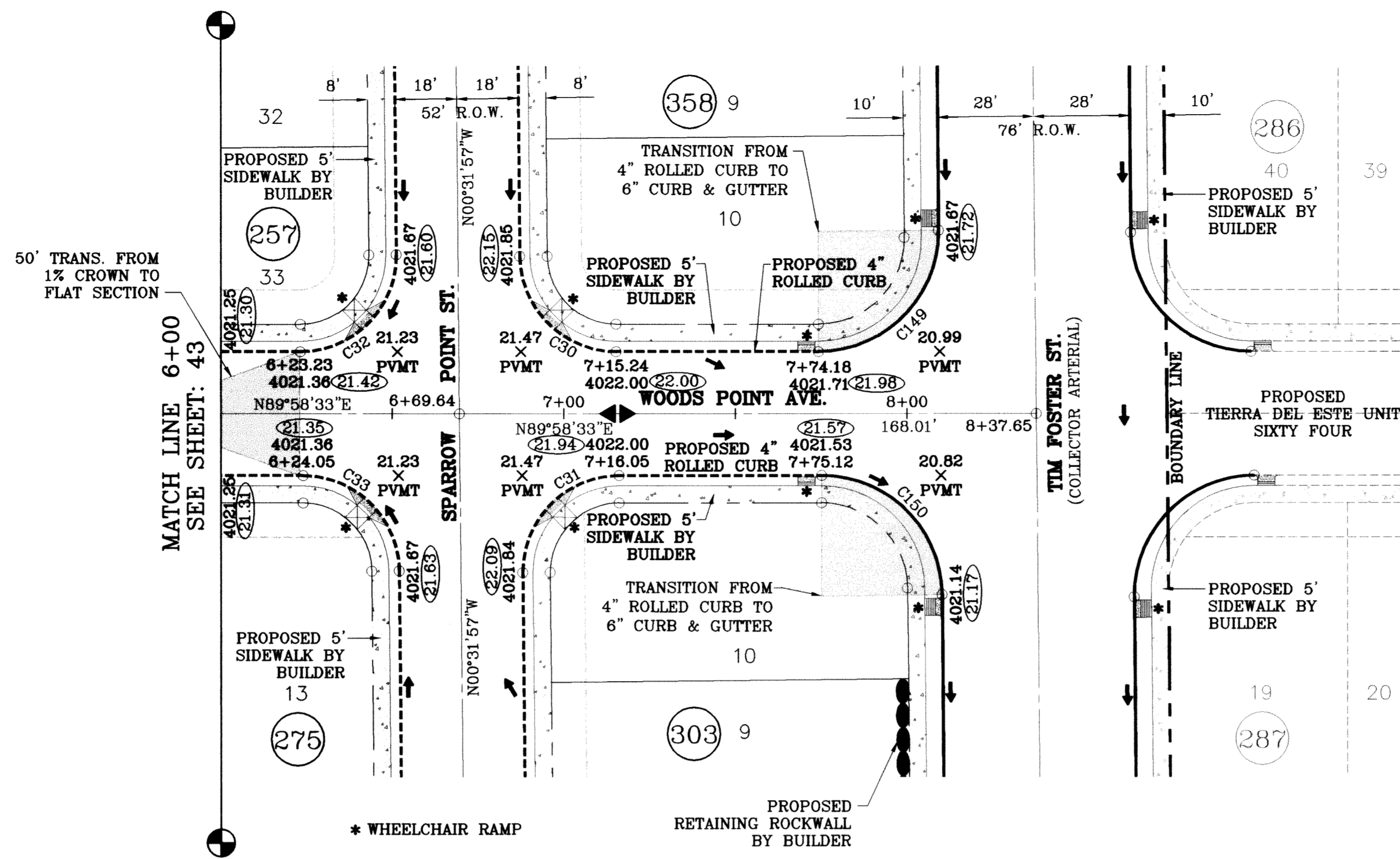
ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR. SITE 100
EL PASO, TEXAS 79905
(915) 592-0283

CONDE INC.

SHEET TITLE
**STREET
PLAN-PROFILE
WOODS POINT
AVE.
STA: 0+00
TO
STA: 6+00**

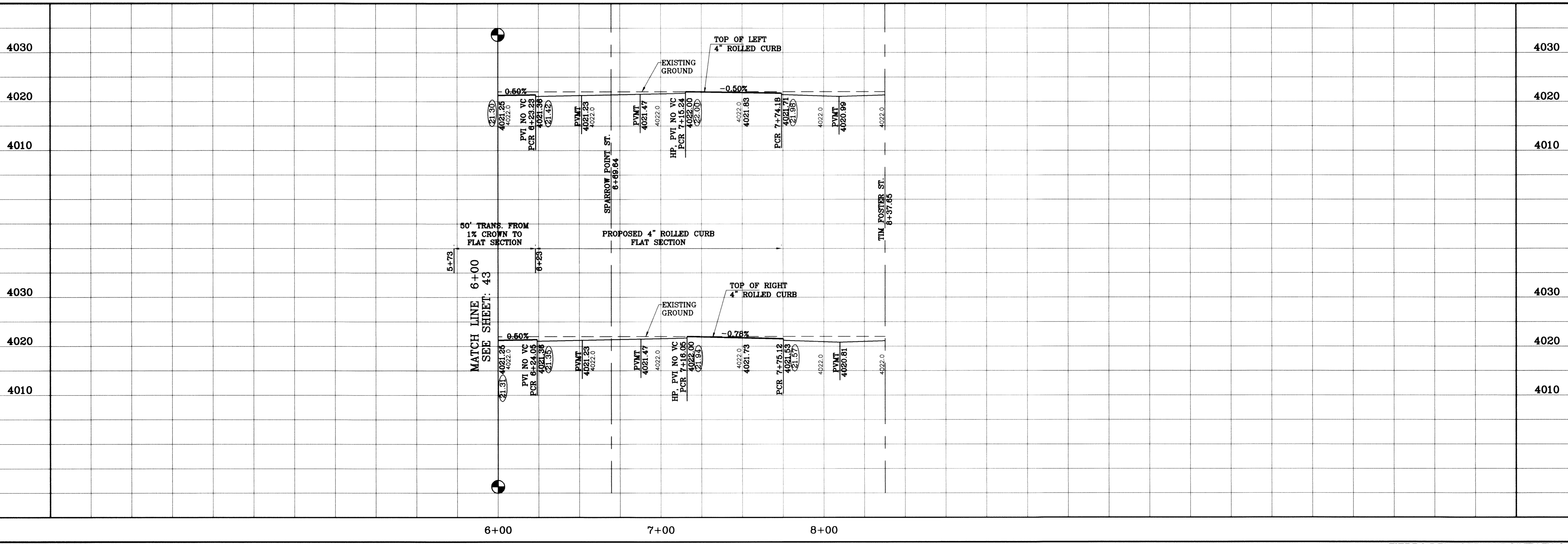
SHT 43 OF 88



SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

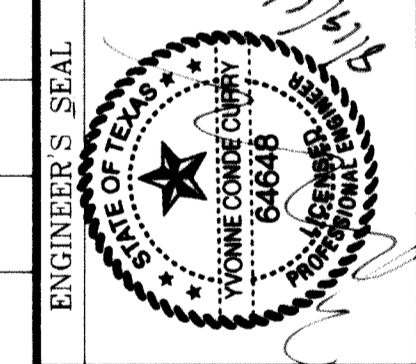
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C30	28.00	43.73	27.75	39.42	S45°16'42"E	89°29'29"
C31	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"
C32	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C33	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C149	35.00	55.29	35.31	49.72	N44°43'18"E	90°30'31"
C150	35.00	54.67	34.69	49.28	N45°16'42"W	89°29'29"



BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BROWN BLVD. AND RAINBOW POINT DR. ELEVATION 4062.64
DATE	07/26/11
REVISIONS	AS BUILT
BY	F.R.

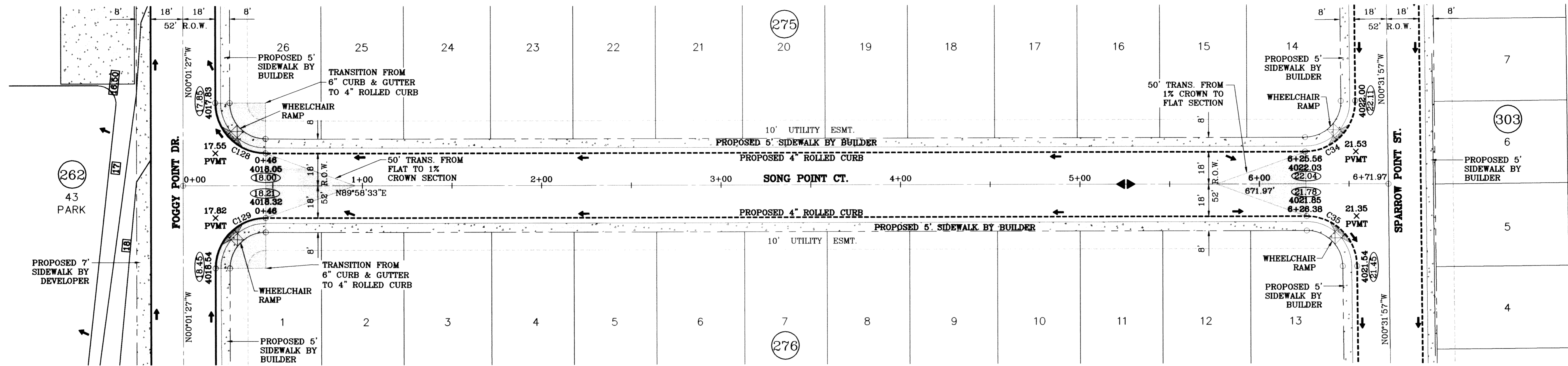
PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, RANGE 10, COUNTY OF TERRELL, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CONTAINING 140.962 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFC
 CHECKED BY: YC
 JOB NO.: 308-81



ENGINEER'S SEAL
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 8080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283

SHEET TITLE
STREET PLAN-PROFILE
WOODS POINT AVE.
 STA: 6+00
 TO
 STA: 8+37.65
 SHT 44 OF 88



SCALE: 1"=30'

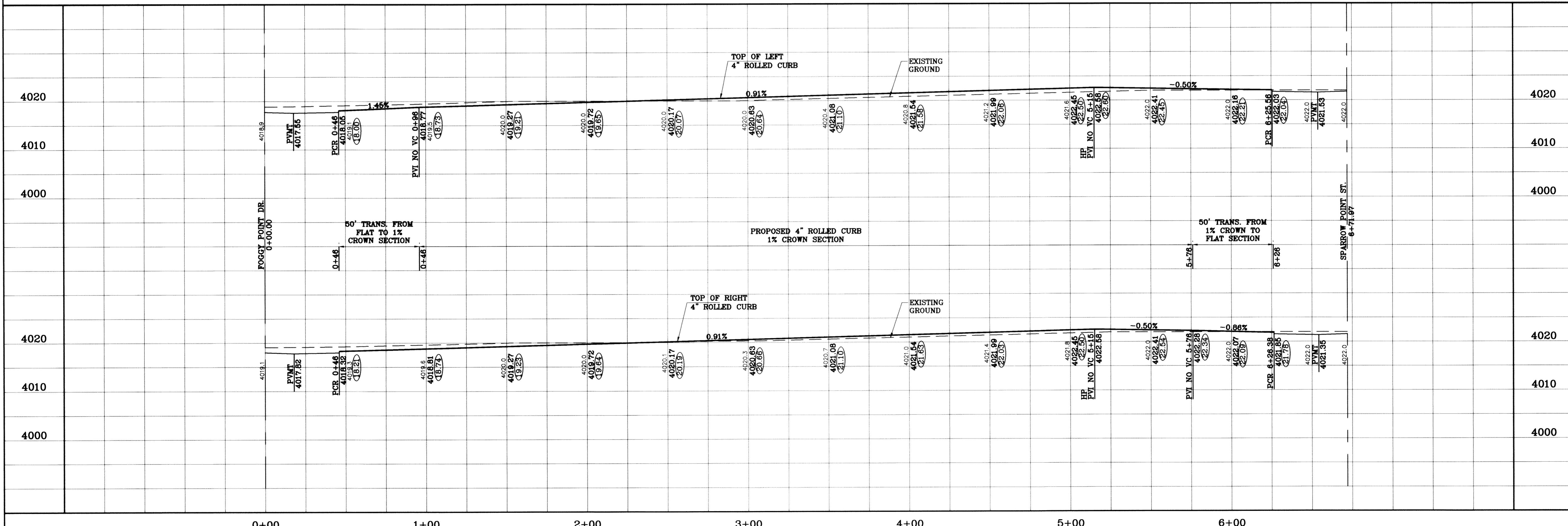
BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64 CITY DATUM

DATE: 07/27/11 REVISIONS: AS BUILT BY: F.R.

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C34	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C35	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C128	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C129	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"



SCALE: HORIZ: 1"=30' VERT: 1"=10'

DATE: SEPT. 2008

DESIGN BY: YC

INITIATED BY: EFG

CHECKED BY: YC

JOB NO.: 908-81

ENGINEER'S SEAL

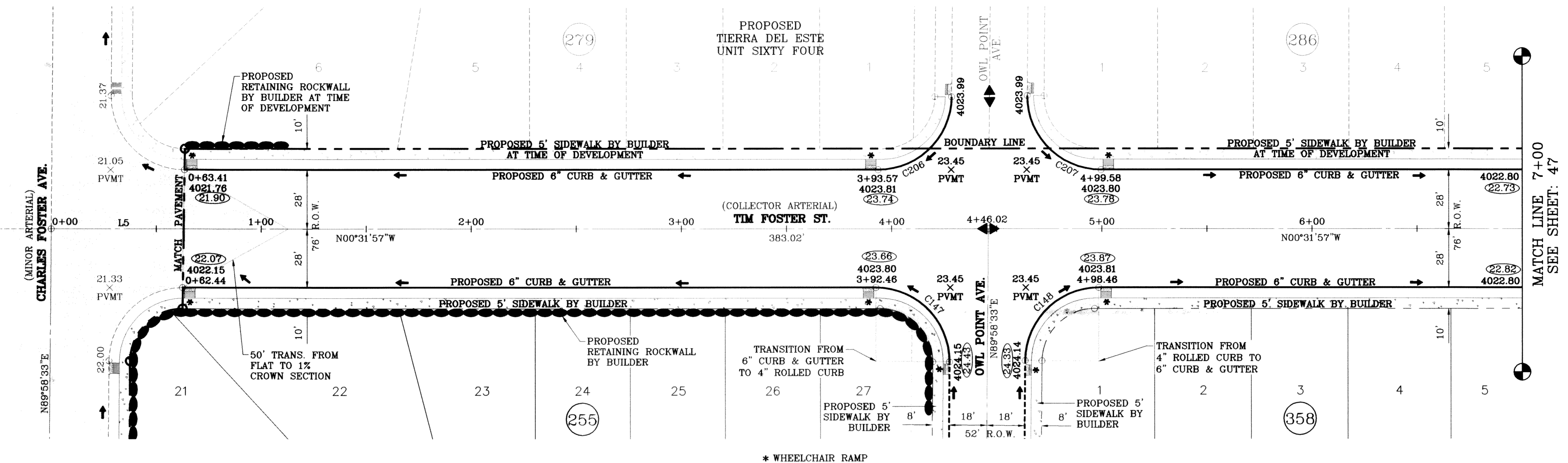
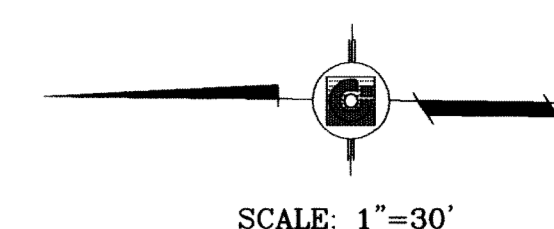
CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS

6080 SURETY DR. STE 100 EL PASO, TEXAS 79906 (915) 582-0283

SHEET TITLE

STREET PLAN-PROFILE

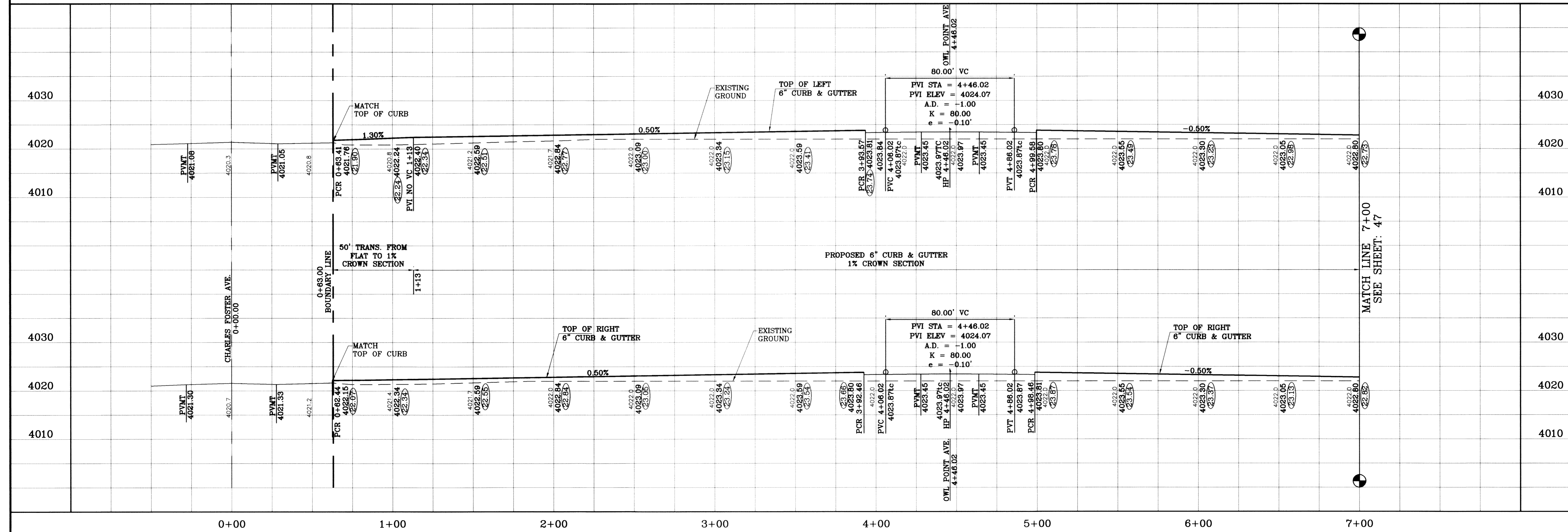
SONG POINT CT. STA: 0+00 TO STA: 6+71.97



LINE TABLE	
LINE	BEARING
L5	N00°31'57"W

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C147	35.00	55.29	35.31	49.72	N44°43'18"E	90°30'31"
C148	35.00	54.67	34.69	49.28	N45°16'42"W	89°29'29"
C206	35.00	54.67	34.69	49.28	S45°16'42"E	89°29'29"
C207	35.00	55.29	35.31	49.72	S44°43'18"W	90°30'31"

○ DENOTES AS BUILT CONDITION ONLY



TERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

CONDE INC.
ENGINEERING / PLANNING SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

TIM FOSTER ST.
STA: 0+00 TO STA: 7+00

TIERRA DEL ESTE UNIT SIXTY TWO

SHT 46 OF 88

DATE: 10/14/09
CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G.
AS BUILT

REVISIONS

DATE: 08/02/11

BY: F.R.

PROJECT NAME: TERRA DEL ESTE UNIT SIXTY TWO

ENGINEER'S SEAL: [Seal of Conde Inc. with State of Texas registration]

DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC

JOB NO.: 308-81

DATE: SEPT. 2008

VERT. 1"=10'
HORIZ. 1"=30'

SCALE

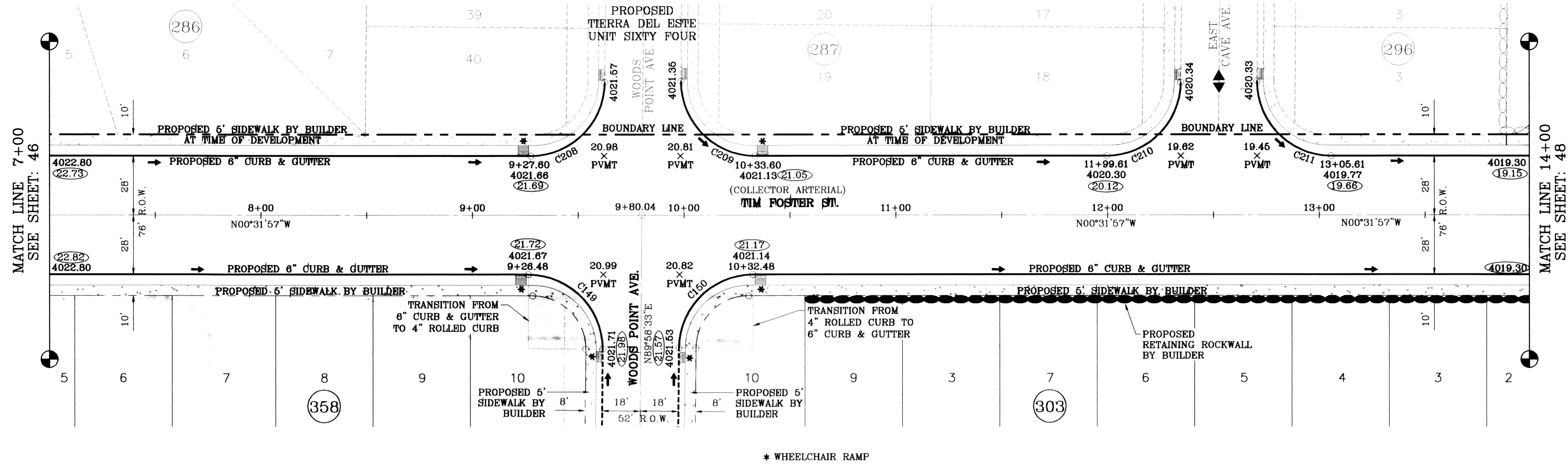
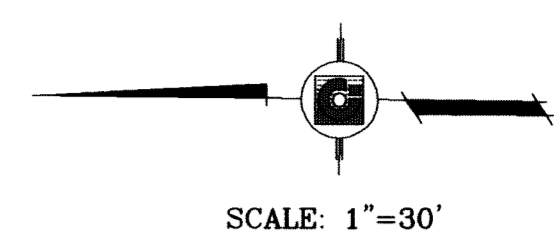
PROJECT NAME

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64

BY: CITY DATUM

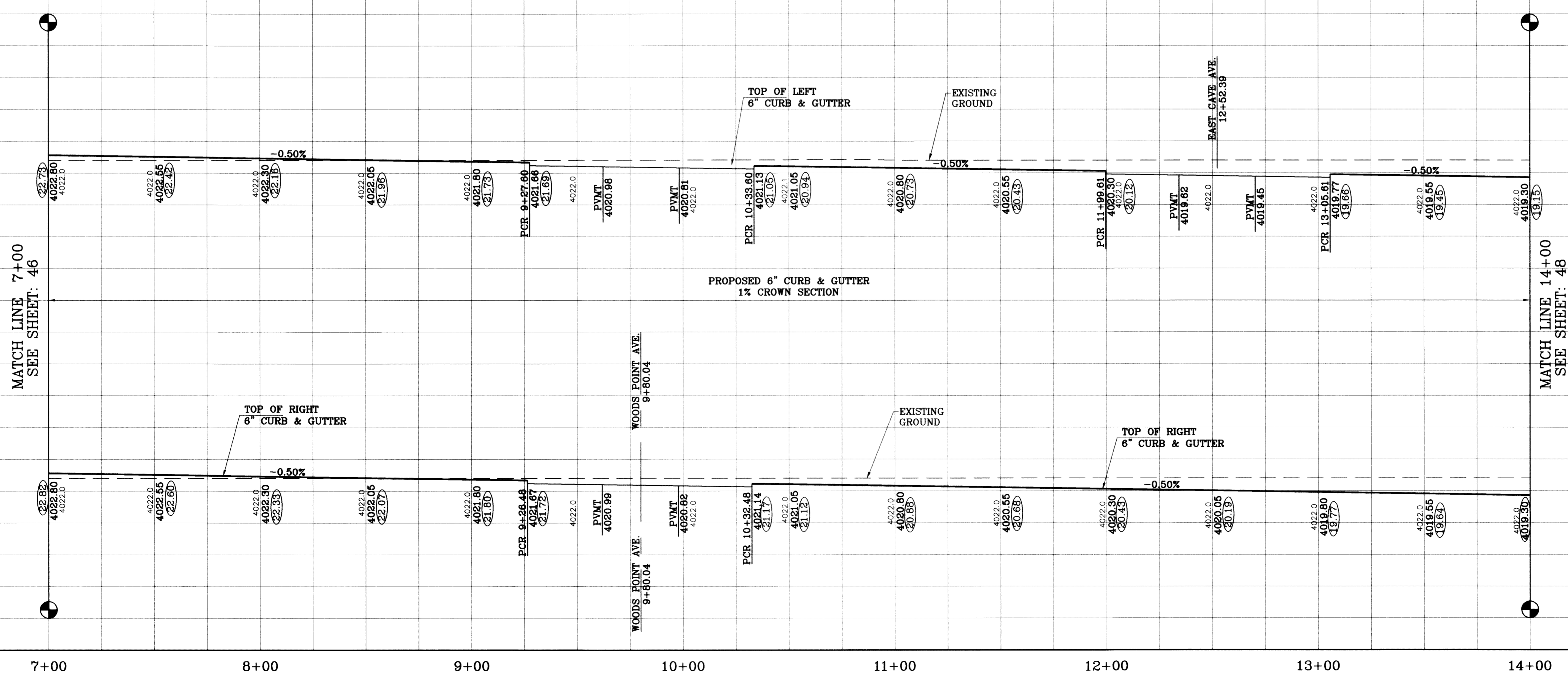
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* WHEELCHAIR RAMP

○ DENOTES AS BUILT CONDITION ONLY

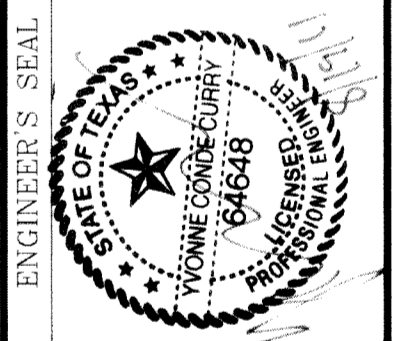
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C149	35.00	55.29	35.31	49.72	N44°43'18"E	90°30'31"
C150	35.00	54.67	34.69	49.28	N45°16'42"W	89°29'29"
C208	35.00	54.67	34.69	49.28	S45°16'42"E	89°29'29"
C209	35.00	55.29	35.31	49.72	S44°43'18"W	90°30'31"
C210	35.00	54.67	34.69	49.28	S45°16'42"E	89°29'29"
C211	35.00	55.29	35.31	49.72	S44°43'18"W	90°30'31"



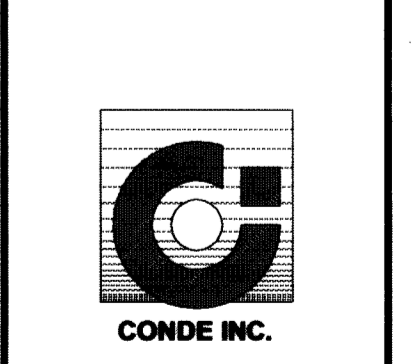
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BERRY BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
DATE	10/14/09
REVISIONS	CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G. AS BUILT
BY	F.R.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, SAN ANTONIO COUNTY, TEXAS, CONTAINING 140.962 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81

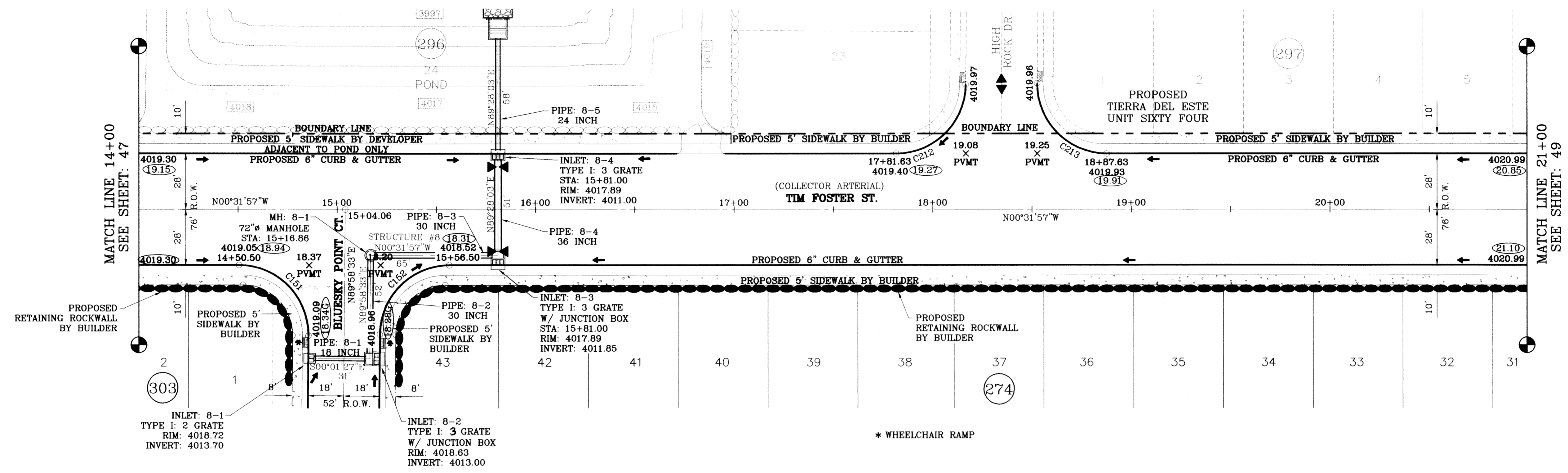
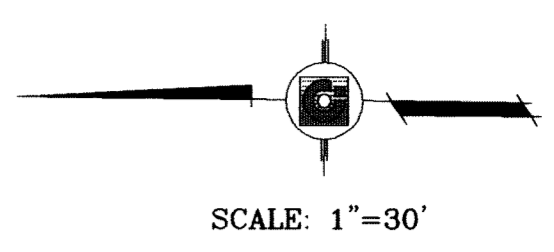


CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 8080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283



SHEET TITLE
STREET PLAN-PROFILE
TIM FOSTER ST.
 STA: 7+00
 TO
 STA: 14+00

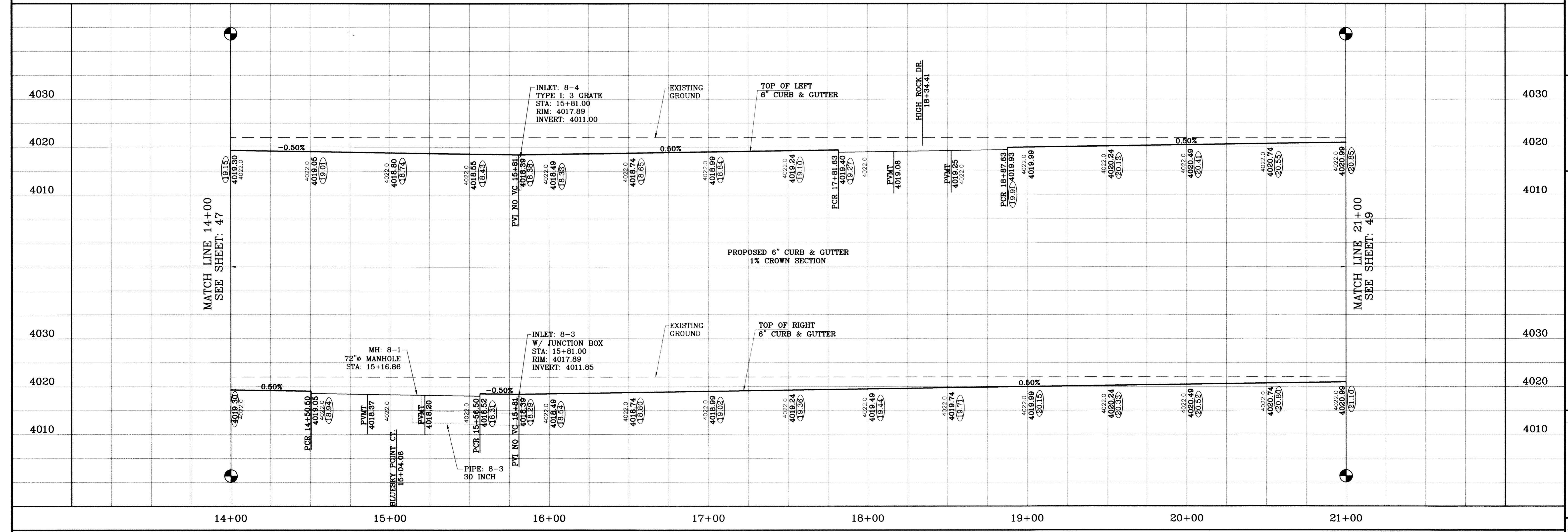
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SEE SHEET 77 FOR
STRUCTURE #8 DETAILS

○ DENOTES AS BUILT CONDITION ONLY

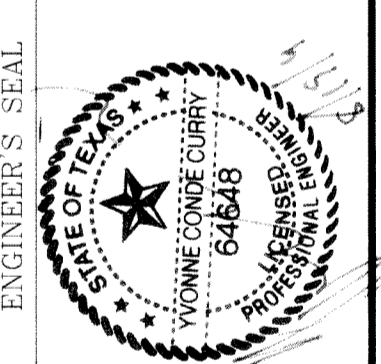
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C151	35.00	55.29	35.31	49.72	N44°43'18"E	90°30'31"
C152	35.00	54.67	34.69	49.28	N45°16'42"W	89°29'29"
C212	35.00	54.67	34.69	49.28	S45°16'42"E	89°29'29"
C213	35.00	55.29	35.31	49.72	S44°43'18"W	90°30'31"



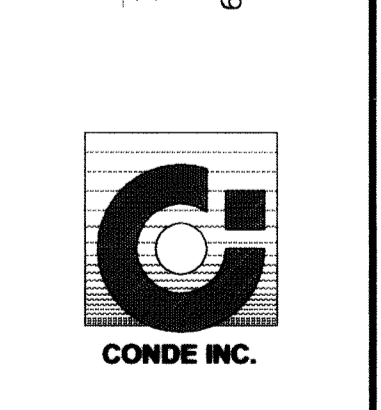
BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64
DATE 10/14/09
REVISIONS
CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G.
AS BUILT
BY F.R.

PROJECT NAME
**TERRA DEL ESTE
UNIT SIXTY TWO**
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
EL PASO COUNTY, TEXAS,
CONTAINING 140.962 ACRES

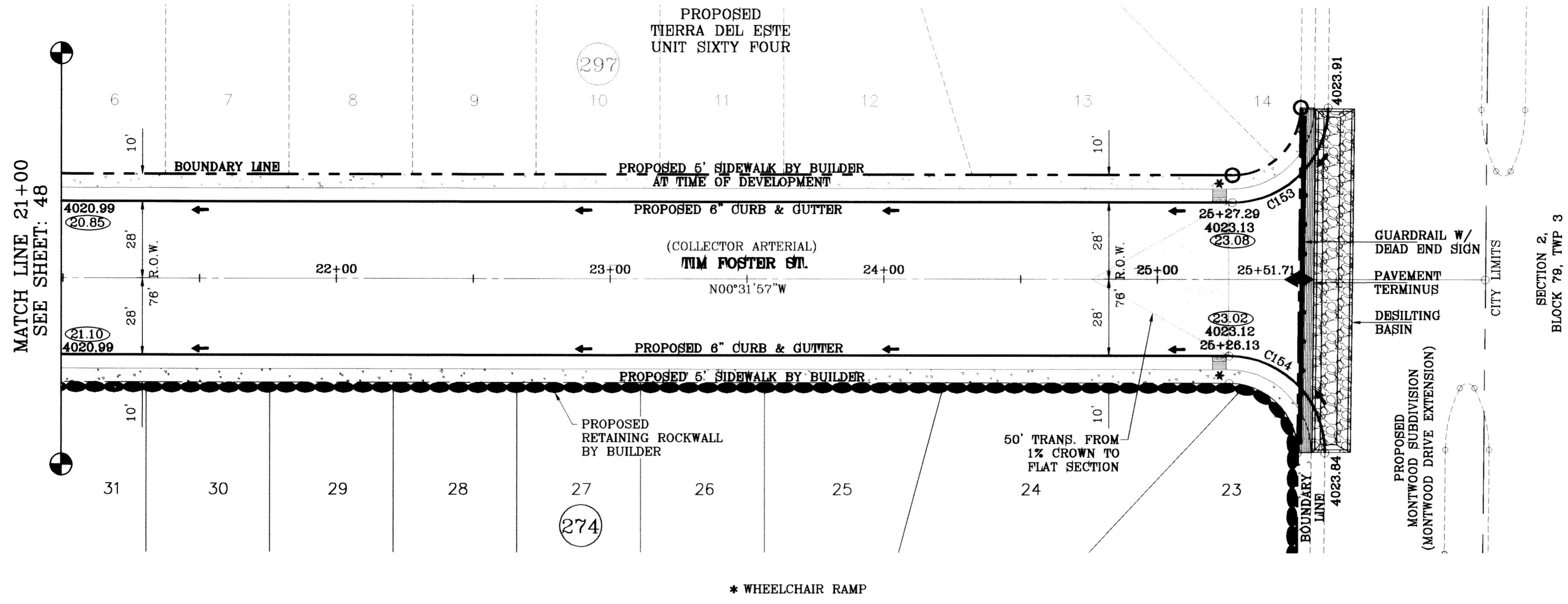
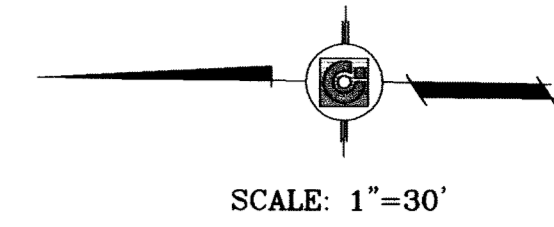
SCALE
HORIZ: 1"=30'
VERT: 1"=10'
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURVEY DR. STE. 100
EL PASO, TEXAS 79905
(915) 592-0283

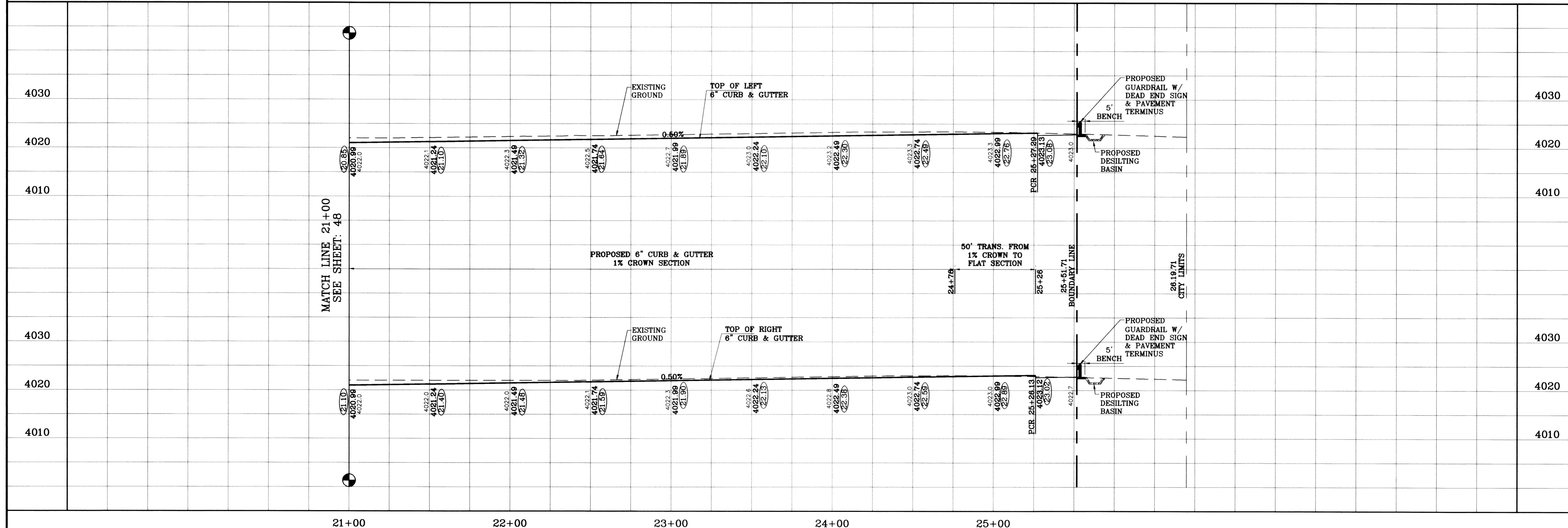


SHEET TITLE
**STREET
PLAN-PROFILE**
**TIM FOSTER
ST.**
STA: 14+00
TO
STA: 21+00
SHT 48 OF 88



○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C153	35.00	54.66	34.68	49.27	S45°16'13"E	89°28'30"
C154	35.00	55.30	35.32	49.72	N44°43'47"E	90°31'30"

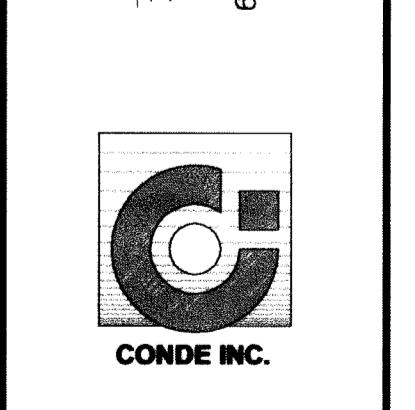


BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
DATE	10/14/09
BY	E.F.G.
REVISIONS	CITY REDLINES AS PER 10/07/09 COMMENTS
DATE	08/02/11
BY	AS BUILT

TIERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 8080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283



SHEET TITLE
STREET PLAN - PROFILE
TIM FOSTER ST.
 STA: 21+00
 TO
 STA: 25+51.71

S:\Subdivisions\10-23-10-montana\10-23-10-montana.dwg (TERRA DEL ESTE UNIT SIXTY TWO) 10/14/09 11:35:52 AM

TIERRA DEL ESTE UNIT SIXTY TWO

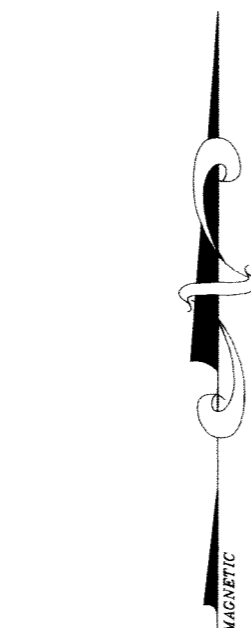
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 140.96 ACRES

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	39.04	24.77	35.19	S45°16'13"E	89°28'30"
C2	500.00	104.08	52.23	103.90	N05°59'16"W	11°55'37"
C3	500.00	28.13	14.07	28.12	S10°20'23"E	31°32'22"
C4	500.00	75.96	38.05	75.88	S04°22'34"E	8°42'15"
C5	526.00	82.22	41.19	82.14	N04°30'08"W	8°57'22"
C6	20.00	34.54	23.40	34.41	S40°29'52"W	98°57'22"
C7	20.00	30.11	18.73	27.34	S46°33'51"E	86°15'12"
C8	474.00	31.00	15.50	30.99	S01°53'51"E	3°44'48"
C9	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C10	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C11	20.00	31.59	20.18	28.41	N44°43'18"E	90°30'31"
C12	20.00	31.24	19.82	28.16	S45°16'42"E	89°29'29"
C13	25.00	39.49	25.22	35.51	N44°43'18"E	90°30'31"
C14	25.00	39.05	24.78	35.20	N45°16'42"W	89°29'29"
C15	20.00	31.59	20.18	28.41	S44°43'18"W	90°30'31"
C16	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C17	20.00	31.59	20.18	28.41	N44°43'18"E	90°30'31"
C18	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C19	20.00	31.59	20.18	28.41	S44°43'18"W	90°30'31"
C20	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C21	20.00	31.59	20.18	28.41	S44°43'18"W	90°30'31"
C22	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C23	20.00	31.59	20.18	28.41	S44°43'18"W	90°30'31"
C24	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C25	20.00	31.59	20.18	28.41	S44°43'18"W	90°30'31"
C26	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C27	25.00	5.97	3.00	5.95	N06°18'25"E	13°40'45"
C28	25.00	33.53	19.83	31.07	N51°34'10"E	76°50'45"
C29	40.00	14.86	7.51	14.77	N79°22'04"W	21°16'48"
C30	70.00	12.20	6.12	12.19	S73°43'17"E	9°59'13"
C31	70.00	37.63	19.28	37.18	N85°53'08"E	30°47'59"
C32	70.00	34.21	17.45	33.87	N56°29'13"E	27°59'51"
C33	70.00	34.21	17.45	33.87	N28°29'22"E	27°59'51"
C34	70.00	39.63	20.36	39.10	N01°43'36"W	32°26'04"
C35	70.00	4.73	2.36	4.73	N19°52'42"W	3°52'07"
C36	40.00	14.86	7.51	14.77	S11°10'21"E	21°16'48"
C37	30.00	47.40	30.28	42.62	N44°43'47"E	90°31'30"
C38	20.00	31.23	19.82	28.15	S45°16'13"E	89°28'30"
C39	20.00	31.60	20.18	28.41	N44°43'47"E	90°31'30"
C40	20.00	31.23	19.82	28.15	S45°16'13"E	89°28'30"
C41	20.00	31.60	20.18	28.41	N44°43'47"E	90°31'30"
C42	20.00	31.23	19.82	28.15	S45°16'13"E	89°28'30"
C43	20.00	31.60	20.18	28.41	N44°43'47"E	90°31'30"
C44	20.00	31.23	19.82	28.15	S45°16'13"E	89°28'30"
C45	20.00	31.60	20.18	28.41	N44°43'47"E	90°31'30"
C46	25.00	39.04	24.77	35.19	S45°16'13"E	89°28'30"

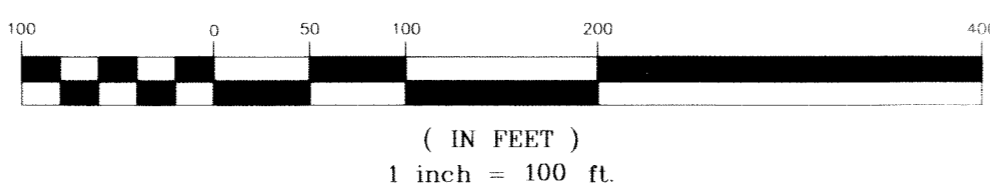
Tierra Del Este Unit Sixty Two Notes:
 Tierra Del Este Subdivision Unit Sixty Two is subject to the Annexation Agreement entered into by Ranchos Real IV LLD with the City of El Paso on January 31, 2006. Among other conditions the agreement required the following:
 Item #11 Owner agrees to pay a water and wastewater connection fee to the El Paso Water Utilities Department of the City for each three quarter inch (3/4") equivalent water meter that is connected to the public water system as shown below. The water and wastewater connection fee shall be increased by three (3) percent on March 1, 2006, and each year thereafter. Payment of the water and wastewater connection fee shall be due at the time of application for water and wastewater to the system.

Water Size	Water (L)	Wastewater (L)
5/8" x 3/4"	566	328
1 1/2"	1,396	809
2"	2,830	1,640
3"	4,528	2,624
4"	9,056	5,248
6"	14,150	8,200
8"	28,300	16,400
10"	52,927	30,613
12"	75,467	43,733

LINE	LENGTH	BEARING
L1	50.77	S89°59'32"W
L2	63.23	S89°59'32"W
L3	62.77	S89°59'32"W



GRAPHIC SCALE

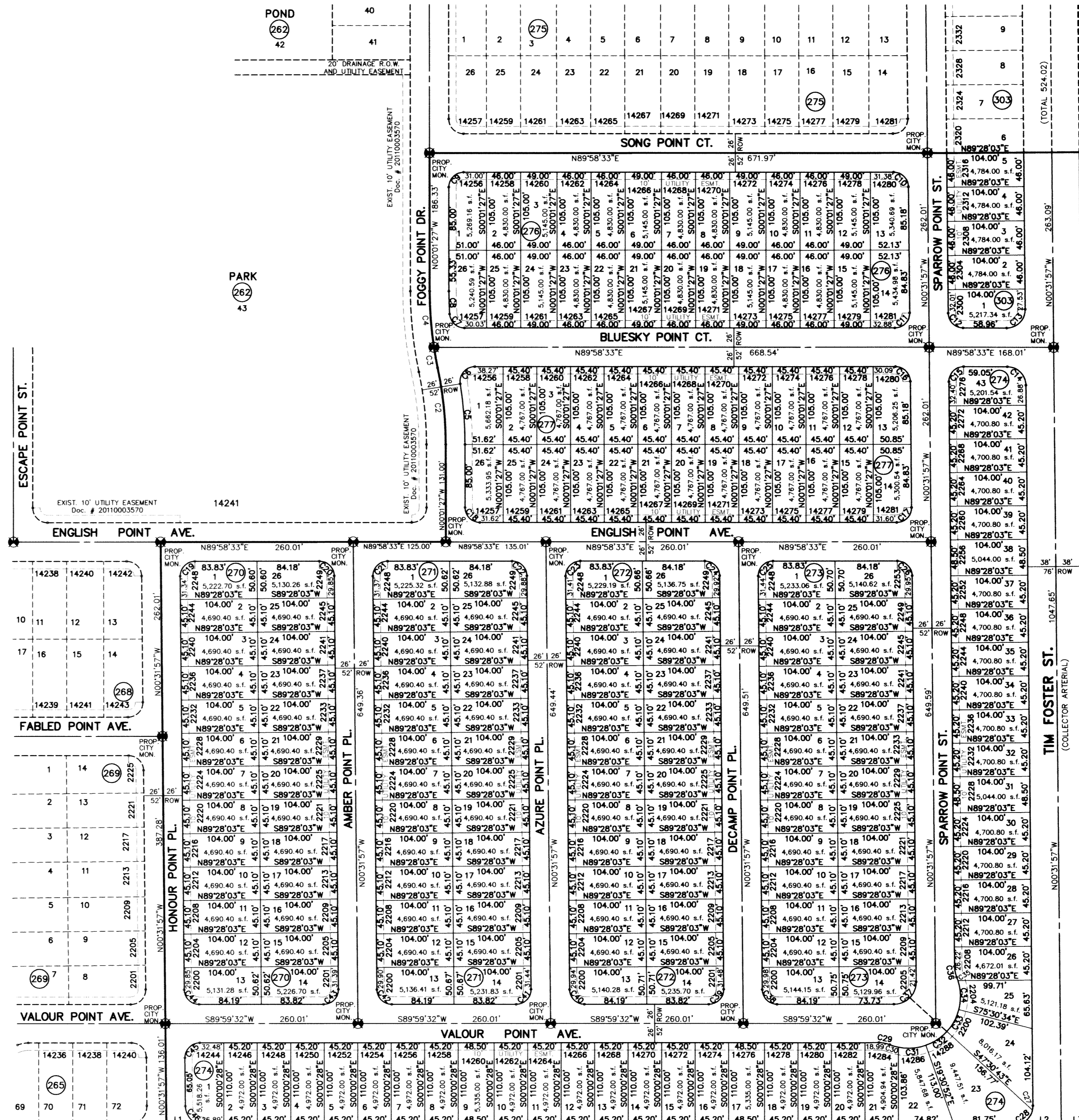
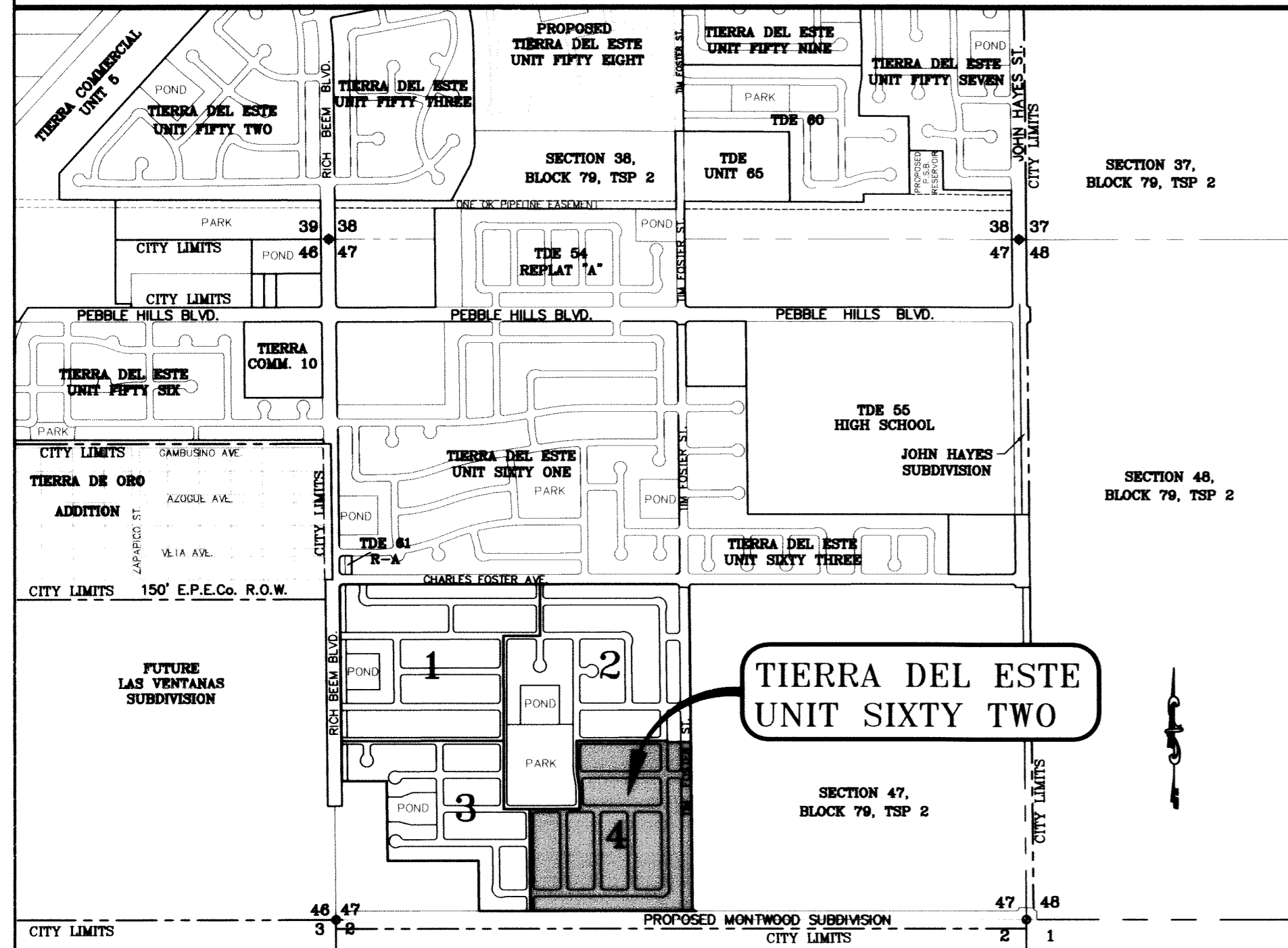


NOTES:

LOT CORNERS WILL BE SET UPON COMPLETION OF CONSTRUCTION OF ROADWAYS AND UTILITIES.
 "U.S. POSTAL SERVICE DELIVERY WILL BE PROVIDED THROUGH NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS".
 SET 1/2" REBAR WITH CAP MARKED TX 5152 AT ALL EXTERIOR BOUNDARY CORNERS UNLESS OTHERWISE NOTED.
 ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO 48021201758, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD ZONE X OUTSIDE THE 500 YEAR FLOOD-PLAIN.
 NO PERMANENT STRUCTURES SHALL BE ALLOWED ONTO THE PERMANENT 45' EL PASO ELECTRIC COMPANY EASEMENT. (REFER TO ALL LOTS ABUTTING RICH BEEM BLVD.).

LOCATION MAP

SCALE: 1" = 1000'



SECTION 2, BLOCK 79, TOWNSHIP 3, T&P RAILWAY SURVEYS FILE NO. 2006006020

ATTEST: NOT REQUIRED

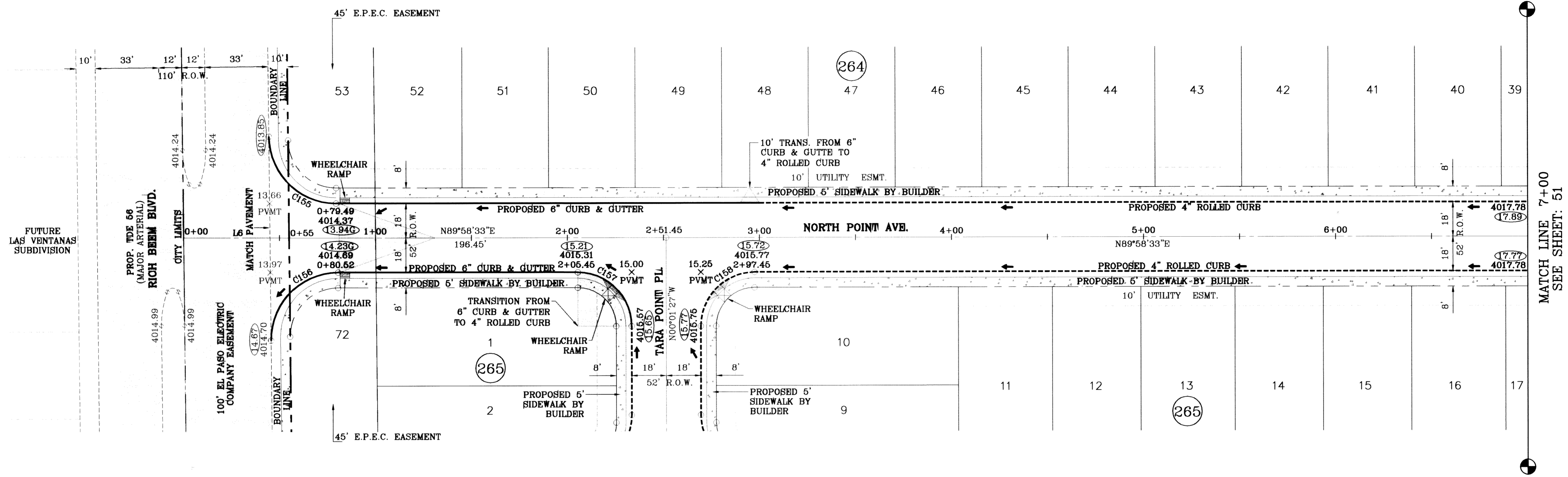
ACKNOWLEDGEMENT

STATE OF TEXAS
 COUNTY OF EL PASO
 Before me, the undersigned authority, on this day personally appeared Douglas A. Schwartz, Manager of RANCHOS REAL XIV, L.L.C., ON BEHALF OF SAID LIMITED LIABILITY COMPANY, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same as the act and deed of said company for the purpose and considerations herein expressed.

Given under my hand and seal of office this 1st day of February, 2011.

J. Susan McMillon
 Notary Public in and for El Paso County My Commission Expires 3-16-13

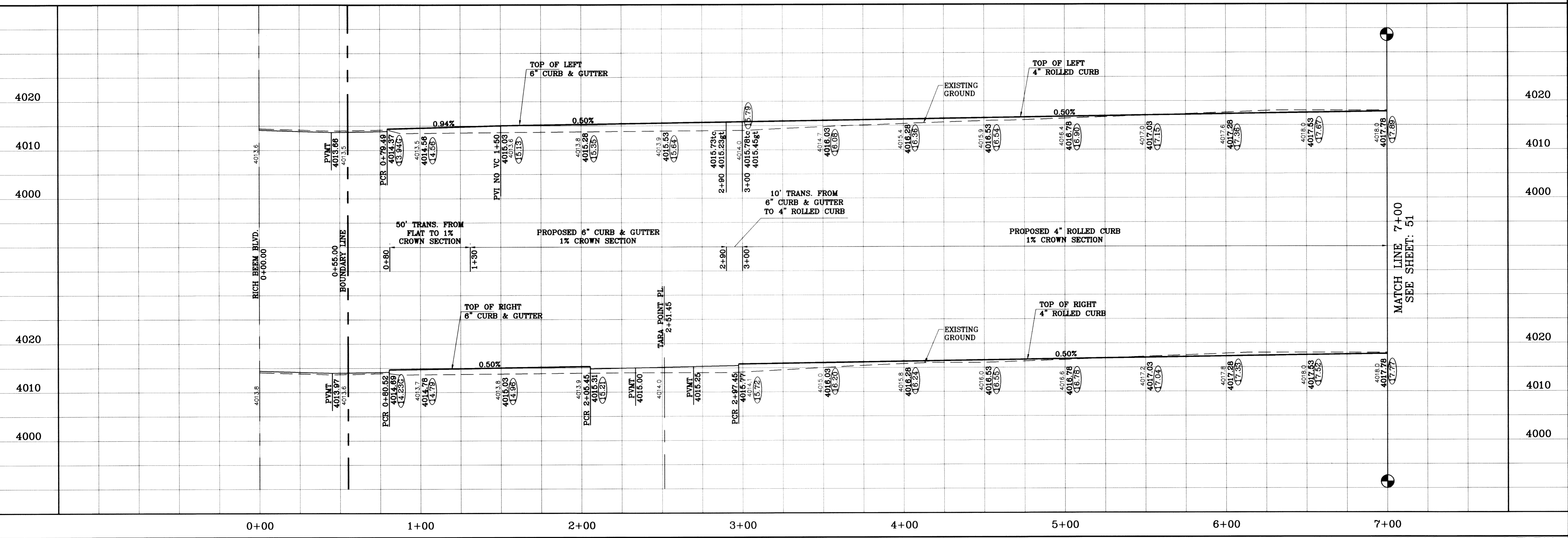
DATE OF PREPARATION: SEPTEMBER 05, 2008



LINE TABLE		
LINE	LENGTH	BEARING
L6	55.00	N89°58'33"E

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C155	35.00	54.64	34.66	49.26	S45°18'02"E	89°26'50"
C156	35.00	55.32	35.34	49.74	S44°41'58"W	90°33'10"
C157	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C158	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"

○ DENOTES AS BUILT CONDITION ONLY



PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY TWO

BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BEEM BLVD. AND RAINBOW POINT DR
ELEVATION 4002.64

DATE
08/27/10

REVISIONS
REVISE MEDIAN OPENINGS
AS BUILT

BY
E.F.G.

F.R.
07/27/11

PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 78, TOWNSHIP 2,
RANGE 10, COUNTY OF EL PASO, TEXAS,
CONTAINING 140.862 ACRES

SCALE
HORIZ: 1"=30'
VERT: 1"=10'

DATE
SEPT. 2008

DESIGN BY
YC

INITIATED BY
EFG

CHECKED BY
YC

JOB NO.
308-81

ENGINEER'S SEAL
STATE OF TEXAS
CONDE INC.
64048
Professional Engineer
No. 0000000000

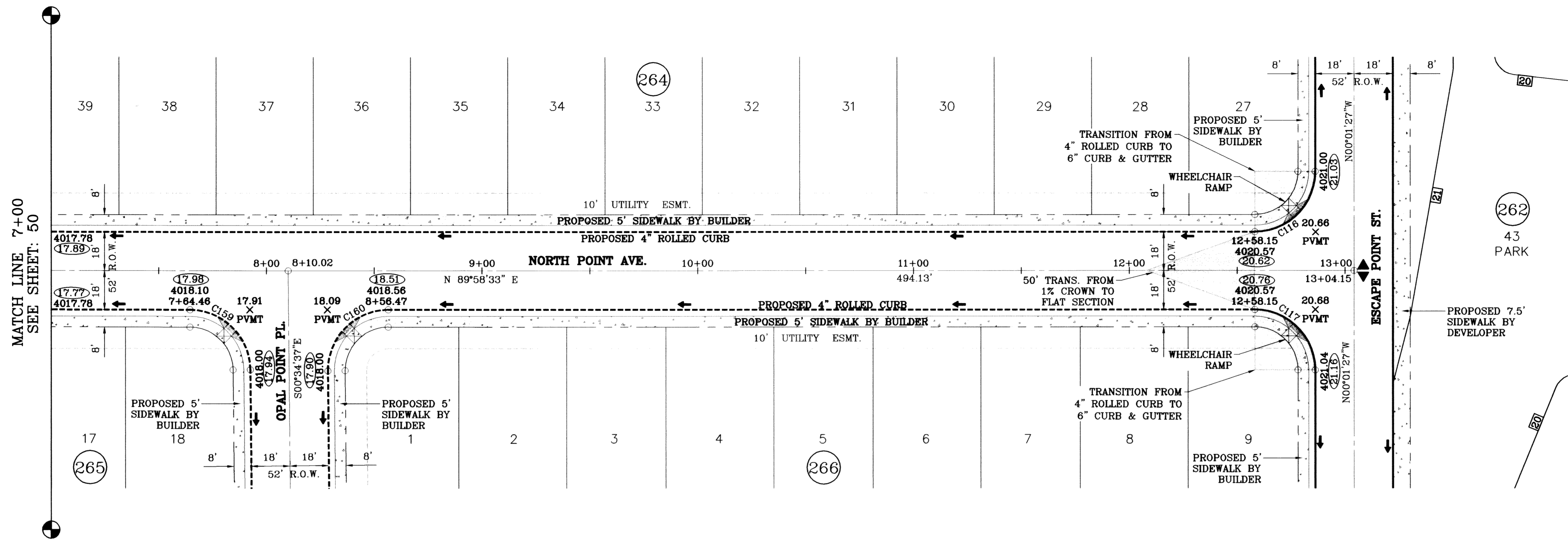
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
STREET
PLAN-PROFILE

**NORTH POINT
AVE.**
STA: 0+00
TO
STA: 7+00

SHT 50 OF 88

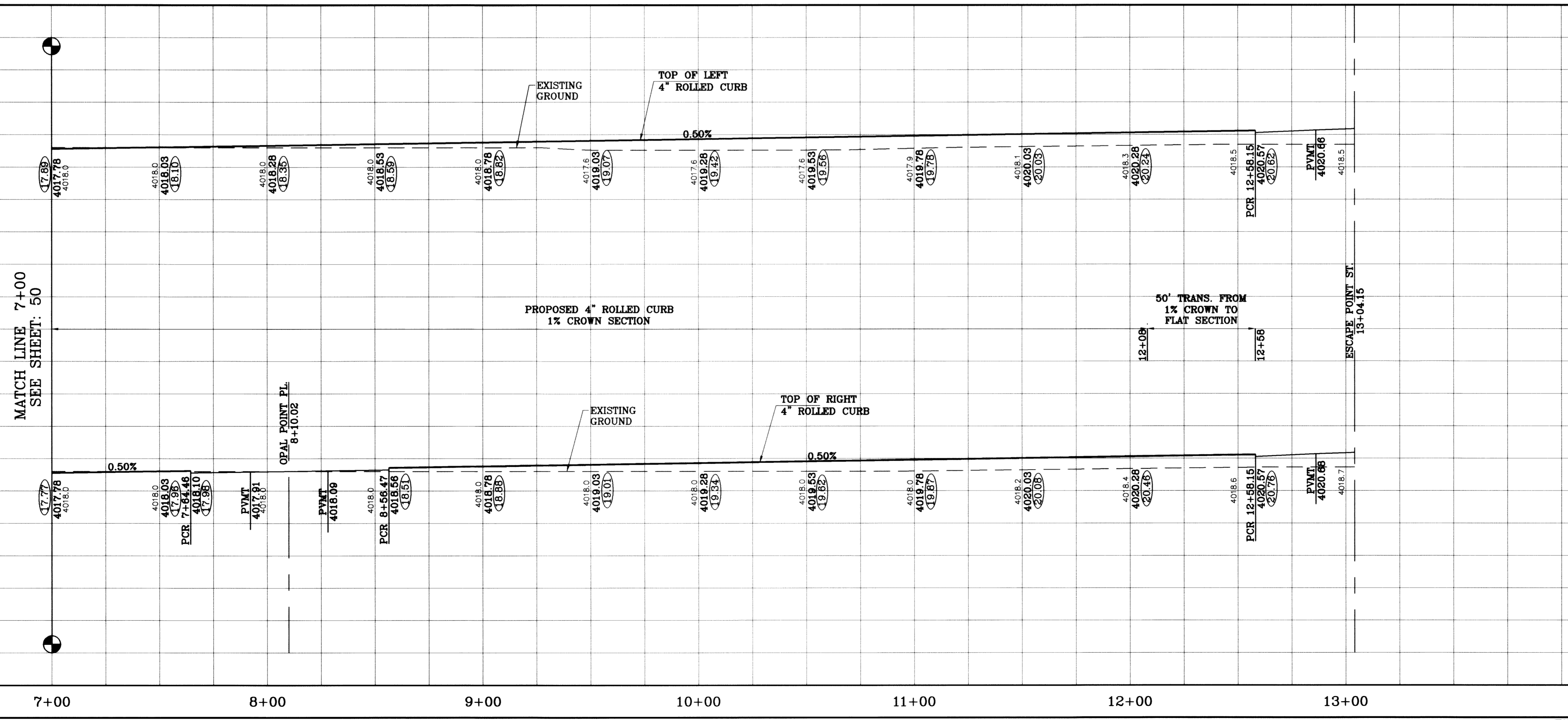
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SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C116	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C117	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C159	28.00	43.71	27.73	39.41	N45°18'02"W	89°26'50"
C160	28.00	44.25	28.27	39.79	S44°41'58"W	90°33'10"



PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO

BENCHMARK
 CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64

DATE 10/14/09
REVISIONS CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G. AS BUILT
BY 07/27/11

SCALE
 HORIZ: 1"=90'
 VERT: 1"=10'

ENGINEER'S SEAL
 YVONNE CONDE, INC. 64646
 PROFESSIONAL ENGINEER
 STATE OF TEXAS

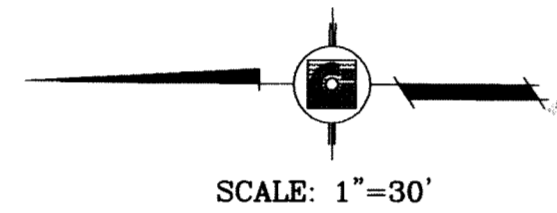
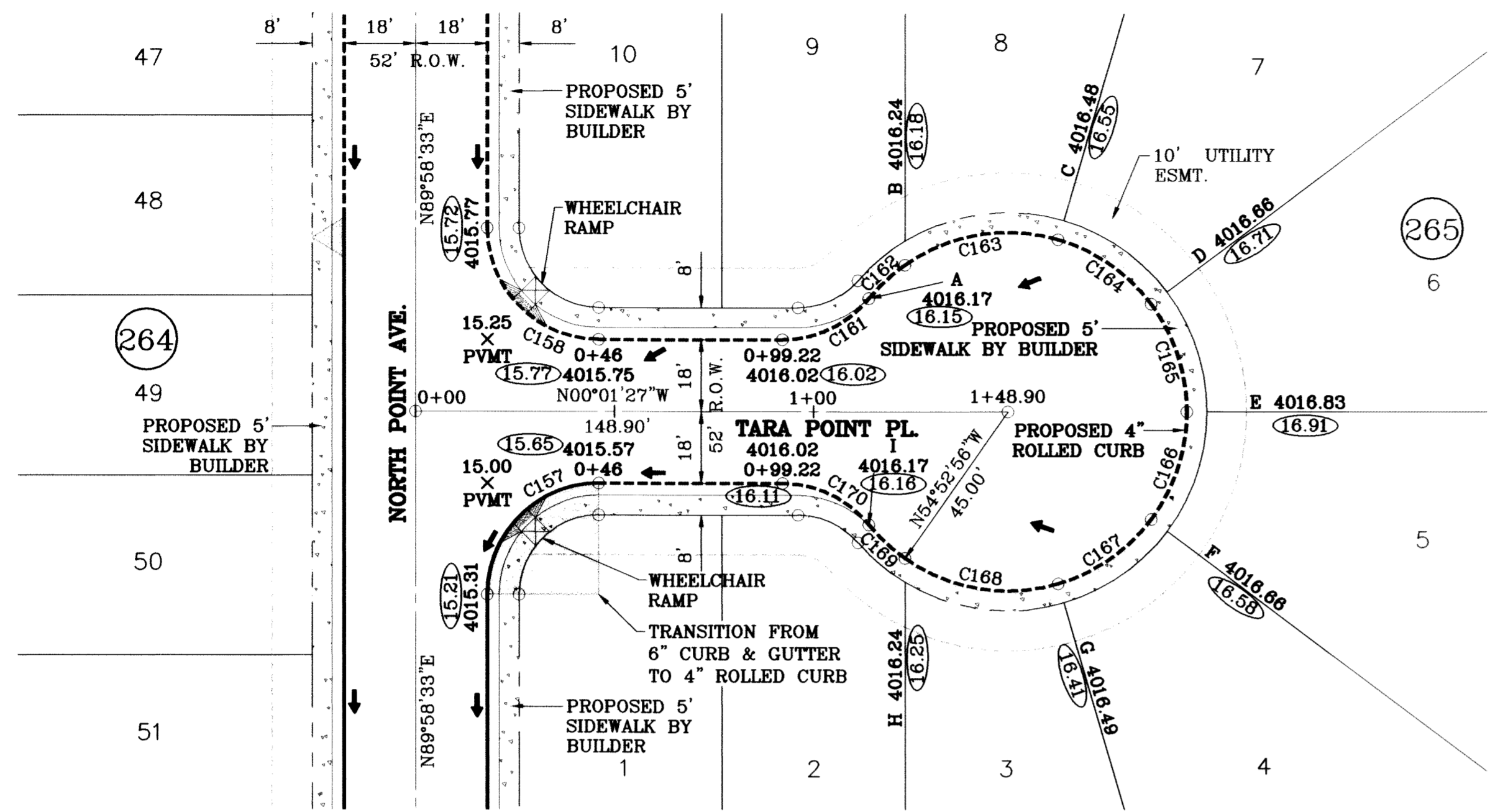
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 8080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283

SHEET TITLE
 STREET
 PLAN-PROFILE
NORTH POINT AVE.
 STA: 7+00
 TO
 STA: 13+04.15

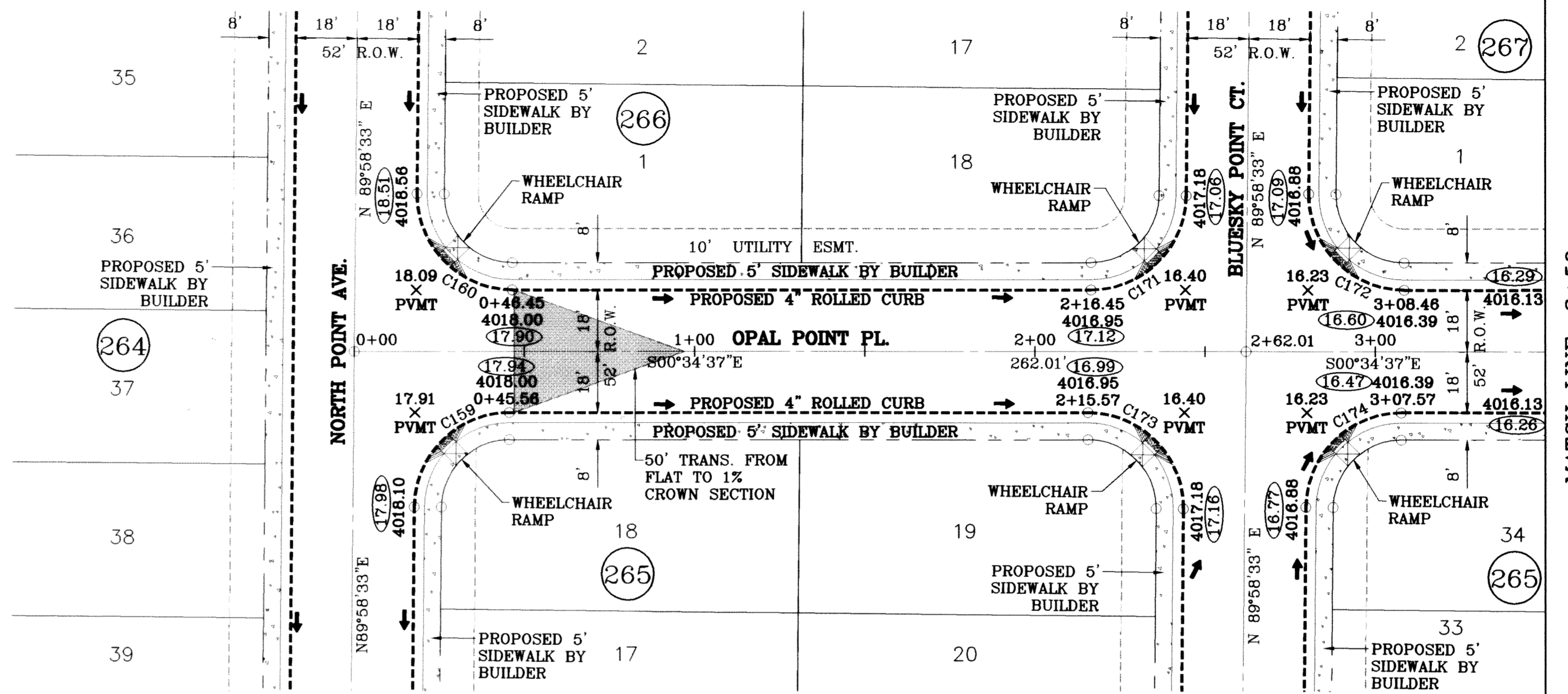
JOB NO. 308-81

SHT 51 OF 88

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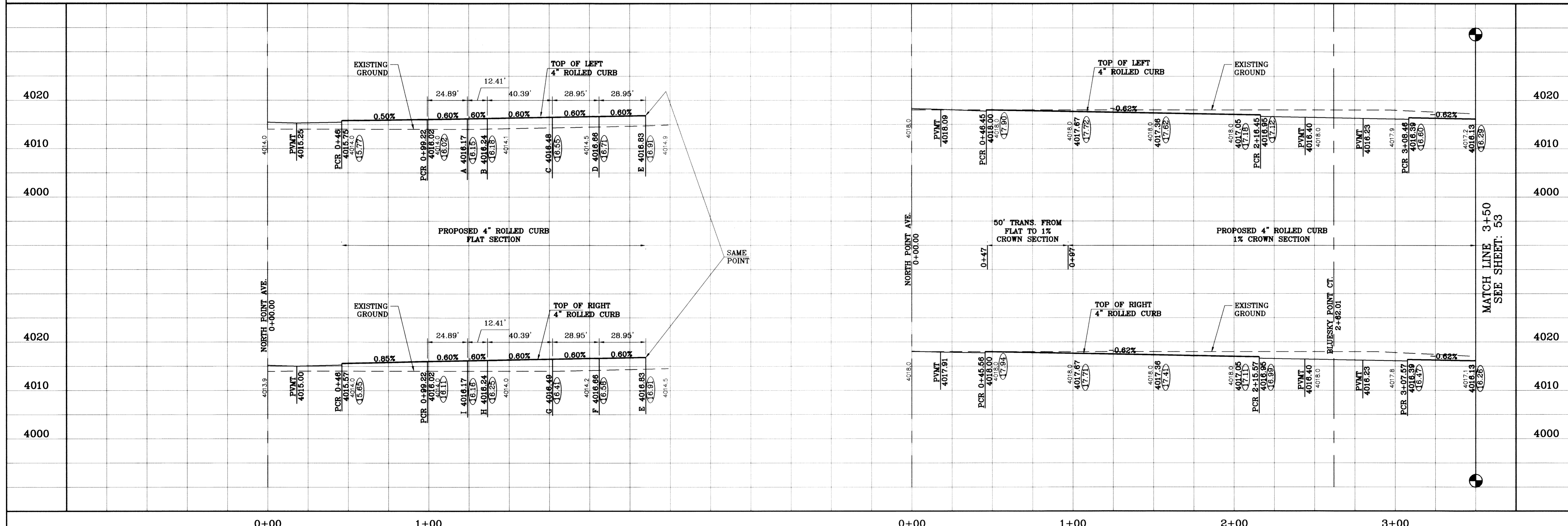


○ DENOTES AS BUILT CONDITION ONLY



CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C157	28.00	43.98	28.00	39.60	N45°01'27"W 90°00'00"
C158	28.00	43.98	28.00	39.60	S44°58'33"W 90°00'00"
C159	28.00	43.71	27.73	39.41	N45°18'02"W 89°26'50"
C160	28.00	44.25	28.27	39.79	S44°41'58"W 90°33'10"
C161	28.00	24.89	13.34	24.08	S25°29'39"E 50°56'23"
C162	45.00	12.41	6.24	12.37	N43°03'54"W 15°47'52"
C163	45.00	40.39	21.67	39.04	N09°27'22"W 51°25'13"
C164	45.00	28.95	15.00	28.45	N34°41'04"E 36°51'39"
C165	45.00	28.95	15.00	28.45	N71°32'43"E 36°51'39"
C166	45.00	28.95	15.00	28.45	S71°35'37"E 36°51'39"

CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C167	45.00	28.95	15.00	28.45	S34°43'58"E 36°51'39"
C168	45.00	40.39	21.67	39.04	S09°24'28"W 51°25'13"
C169	45.00	12.41	6.24	12.37	S43°01'00"W 15°47'52"
C170	28.00	24.89	13.34	24.08	N25°26'45"E 50°56'23"
C171	28.00	43.71	27.73	39.41	S45°18'02"E 89°26'50"
C172	28.00	44.25	28.27	39.79	S44°41'58"W 90°33'10"
C173	28.00	44.25	28.27	39.79	N44°41'58"E 90°33'10"
C174	28.00	43.71	27.73	39.41	N45°18'02"W 89°26'50"

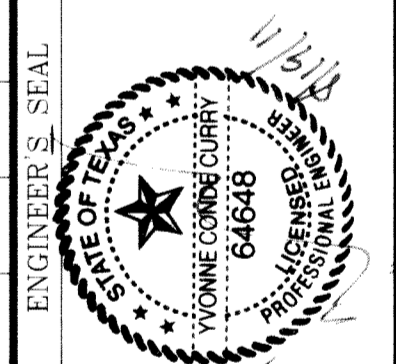


TERRA DEL ESTE UNIT SIXTY TWO

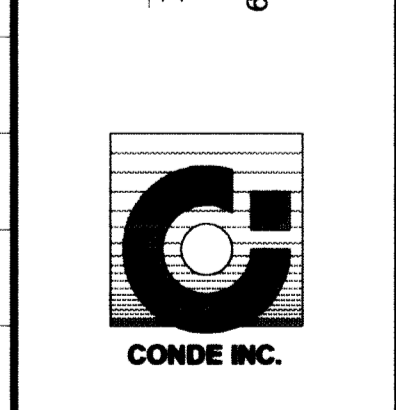
BENCHMARK	
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF EACH BEEM BLVD. AND RAINBOW POINT DR	
ELEVATION 4002.64	CITY DATUM
DATE	REVISIONS
07/27/11	AS BUILT
BY	F.R.

TERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, RANGE 13, COUNTY OF TARRANT COUNTY SURVEYS, TEXAS AND ADJACENT ACRES, TOTAL AREA CONTAINING 140.962 ACRES

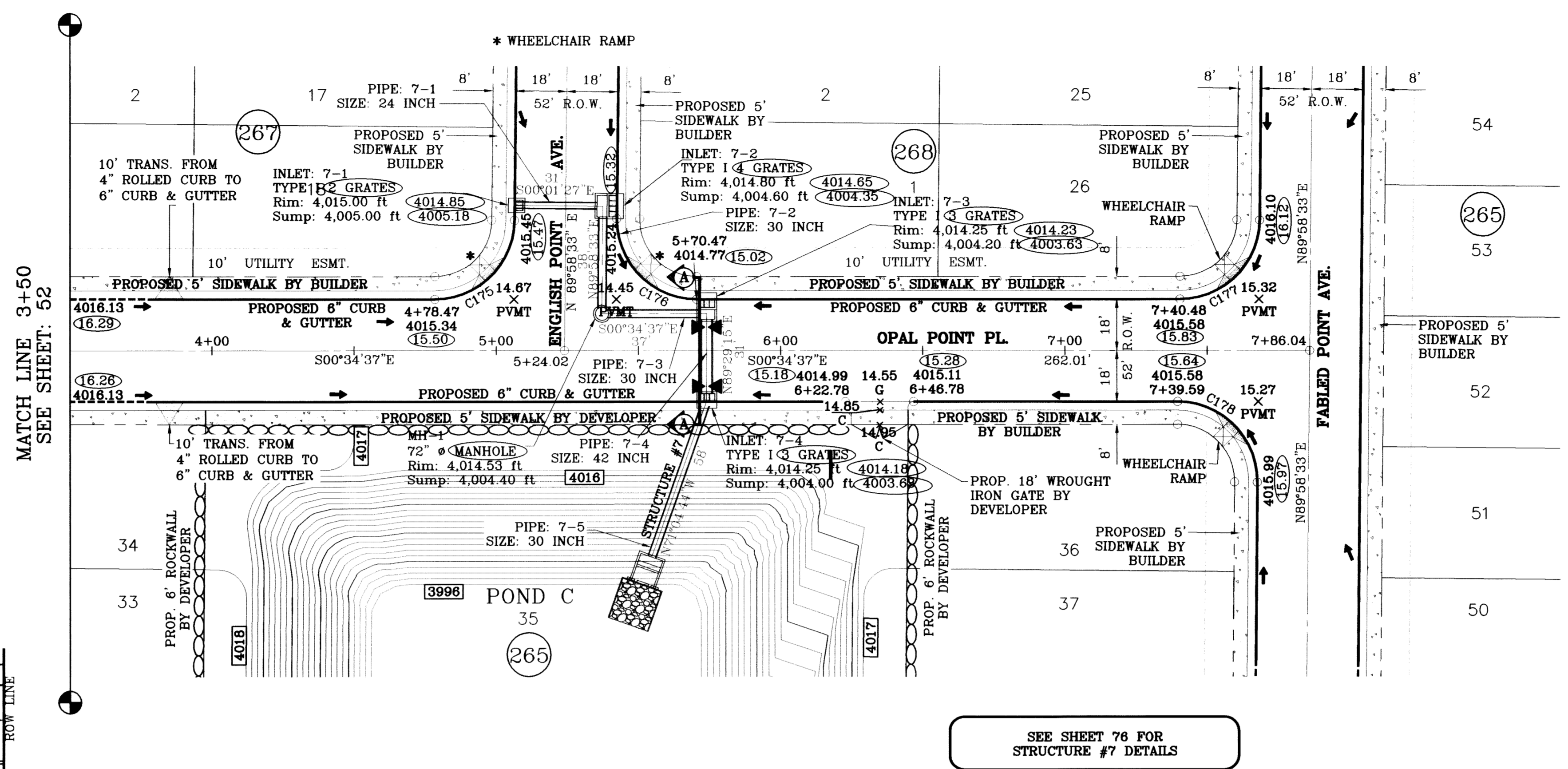
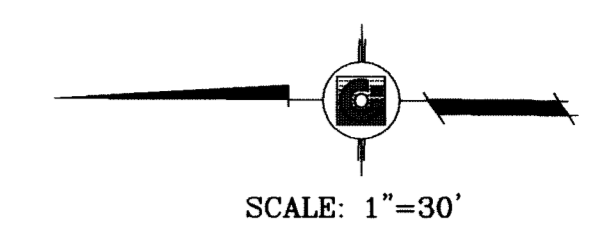
PROJECT NAME
 S C A L E
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81



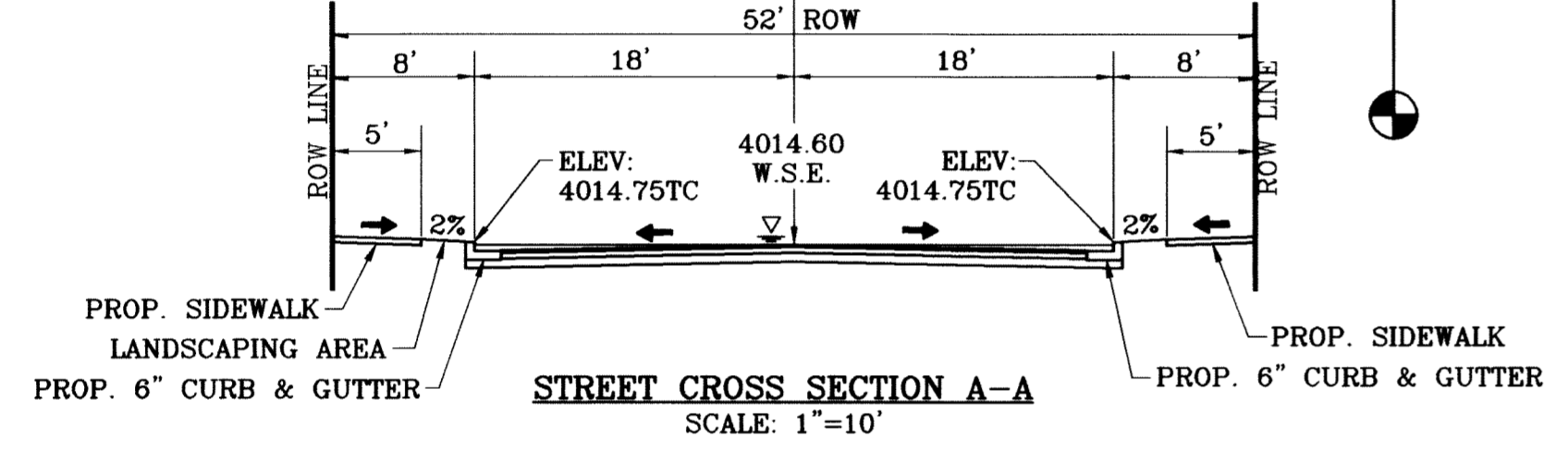
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 582-0283



SHEET TITLE
STREET PLAN-PROFILE
TARA POINT PL
 STA: 0+00 TO 1+48.90
OPAL POINT PL
 STA: 0+00 TO 2+62.01



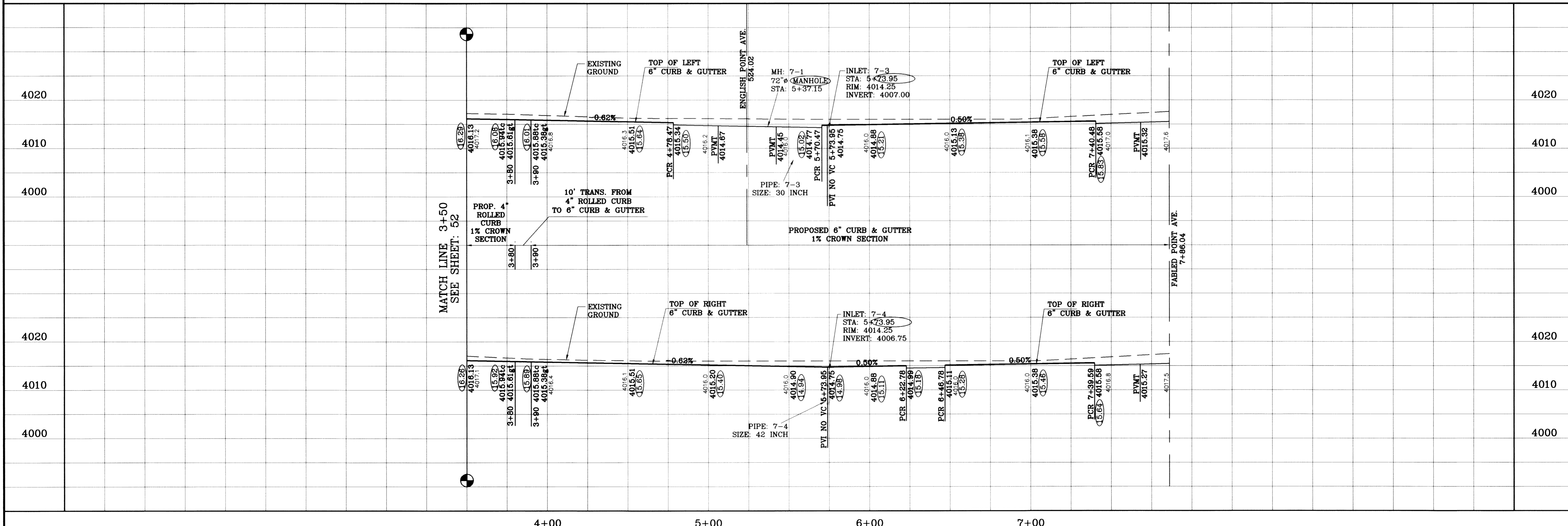
OPAL POINT PL.
 $Q_p = 35.96$ CFS
 $Q_c = 60.50$ CFS
 $D = 0.39$ FT
 $V = 3.33$ FPS
 $S = 0.50\%$



SEE SHEET 76 FOR
 STRUCTURE #7 DETAILS

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C175	28.00	43.71	27.73	39.41	S45°18'02"E	89°26'50"
C176	28.00	44.25	28.27	39.79	S44°41'58"W	90°33'10"
C177	28.00	43.71	27.73	39.41	S45°18'02"E	89°26'50"
C178	28.00	44.25	28.27	39.79	N44°41'58"E	90°33'10"



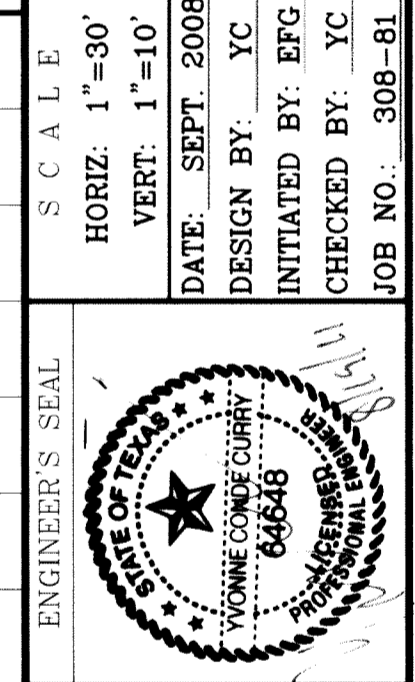
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION	4002.64
DATE	10/14/09
REVISIONS	CITY REDLINES AS PER 10/07/09 COMMENTS
BY	AS BUILT
F.R.	

PROJECT NAME
 TIERRA DEL ESTE
 UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
 TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
 EL PASO COUNTY, TEXAS,
 CONTAINING 140.962 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS

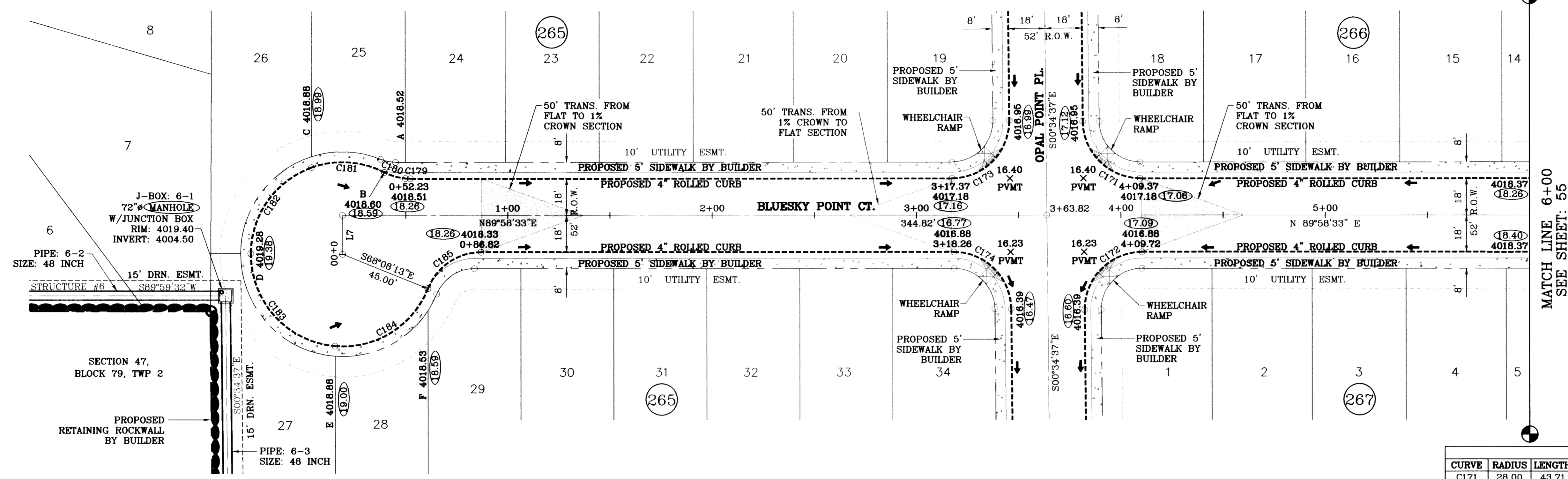
6080 SURETY DR. STE. 100
 EL PASO, TEXAS 79905
 (915) 592-0283

SHEET TITLE
 STREET
 PLAN-PROFILE

TARA POINT PL.
 STA: 0+00
 TO
 STA: 1+48.00

OPAL POINT PL.
 STA: 0+00
 TO
 STA: 3+00

S:\Subdivisions\TCE 03-25-10\subdiv\plan\TCE03-25-10-PLN-001.dwg, OPAL, 8/19/2011, 2:12:28 PM



J-BOX: 6-1
72" MANHOLE
W/JUNCTION BOX
RIM: 4019.40
INVERT: 4004.50

PIPE: 6-2
SIZE: 48 INCH

15' DRN. ESMT.
STRUCTURE #6
S89°59'32" W

SECTION 47,
BLOCK 79, TWP 2

PROPOSED
RETAINING ROCKWALL
BY BUILDER

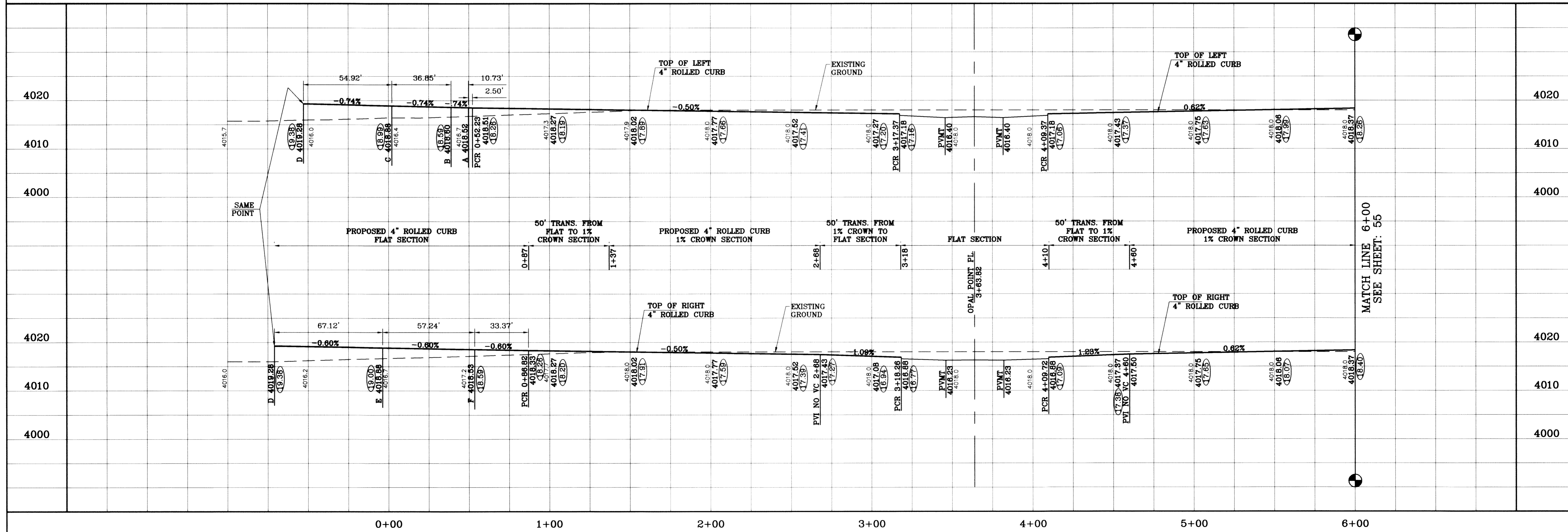
PIPE: 6-3
SIZE: 48 INCH

SEE SHEET 75 FOR
STRUCTURE #6 DETAILS

LINE TABLE		
LINE	LENGTH	BEARING
L7	19.00	N00°01'27" W

CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C171	28.00	43.71	27.73	39.41	S45°18'02"E 89°26'50"
C172	28.00	44.25	28.27	39.79	S44°41'58"W 90°33'10"
C173	28.00	44.25	28.27	39.79	N44°41'58"E 90°33'10"
C174	28.00	43.71	27.73	39.41	N45°18'02"W 89°26'50"
C179	28.00	2.50	1.25	2.50	S87°27'52"E 5°07'10"
C180	28.00	10.73	5.43	10.66	S73°55'37"E 21°57'21"
C181	45.00	36.85	19.53	35.83	N86°24'22"W 46°54'50"
C182	45.00	54.92	31.47	51.58	S35°10'22"W 69°55'42"
C183	45.00	67.12	41.57	61.07	S42°31'18"E 85°27'39"
C184	45.00	57.24	33.23	53.46	N58°18'20"E 72°53'05"
C185	28.00	33.37	18.99	31.43	S55°49'46"W 68°17'34"

○ DENOTES AS BUILT CONDITION ONLY

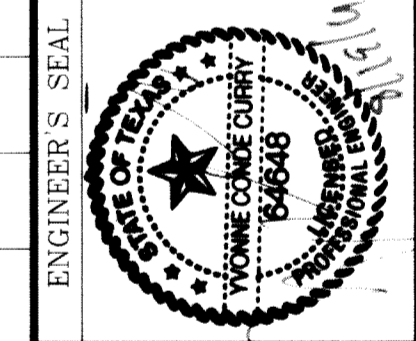


BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BREEZ BLVD. AND RAINBOW POINT DR
ELEVATION	4002.64
DATE	07/27/11
REVISIONS	AS BUILT
BY	F.R.

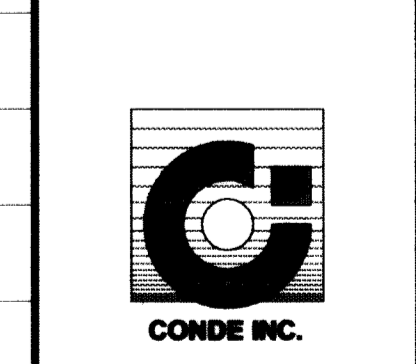
**TERRA DEL ESTE
UNIT SIXTY TWO**

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
RANGE 10, COUNTY OF TARRANT,
TEXAS AND ADJACENT COUNTY SURVEYS,
CONTAINING 140.862 ACRES

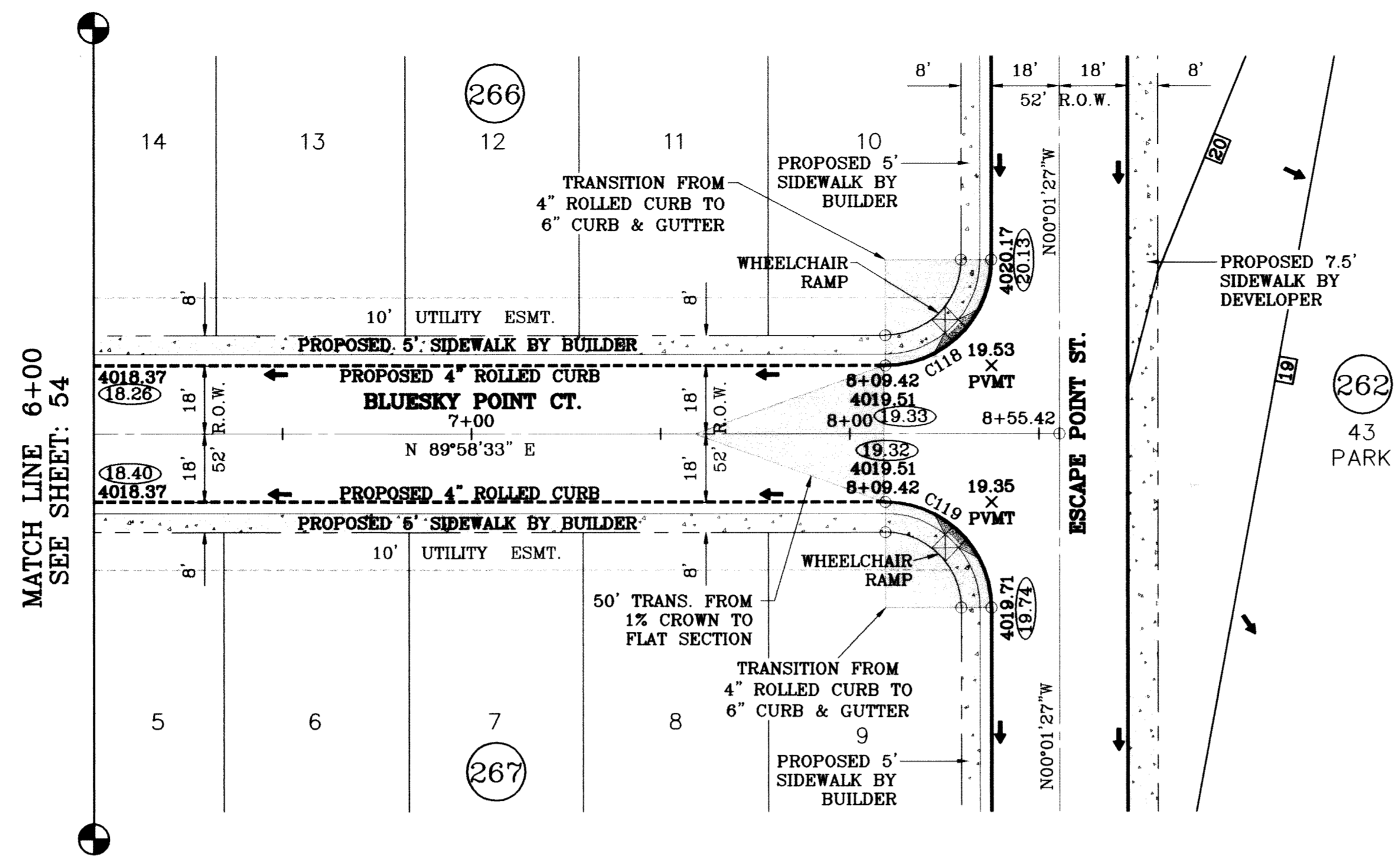
PROJECT NAME
S.C.A.L.E.
HORIZ: 1"=30'
VERT: 1"=10'
DATE: SEPT. 2008
DESIGN BY: YC
CHECKED BY: YC
INITIATED BY: YC
JOB NO.: 308-81



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 582-0283



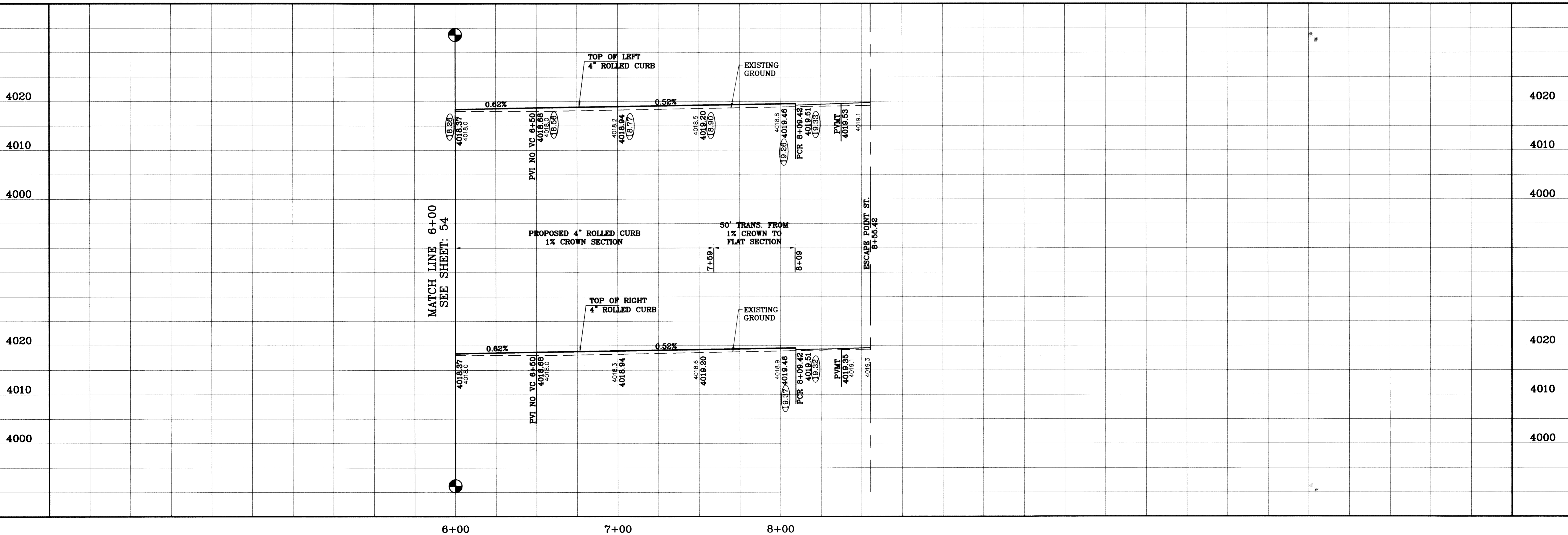
SHEET TITLE
**STREET
PLAN-PROFILE**
**BLUESKY POINT
CT.**
STA: 0+00
TO
STA: 6+00



SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

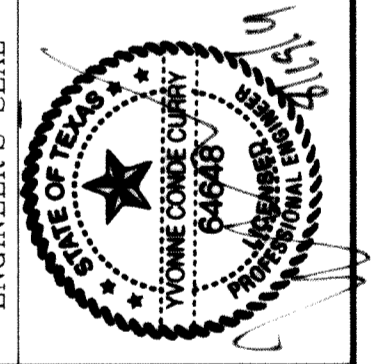
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C118	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C119	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"



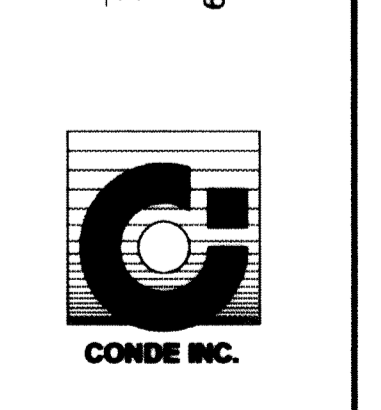
BENCHMARK	
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF ESCAPE BLVD. AND RAINBOW POINTCITY DATUM
ELEVATION 4002.04
DATE	REVISIONS
10/14/08	CITY REDLINES AS PER 10/07/08 COMMENTS
10/23/08	CITY REDLINES COMMENTS: REVISE PARK CONTOURS
07/27/11	AS BUILT

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, EL PASO COUNTY, TEXAS, CONTAINING 140.862 ACRES

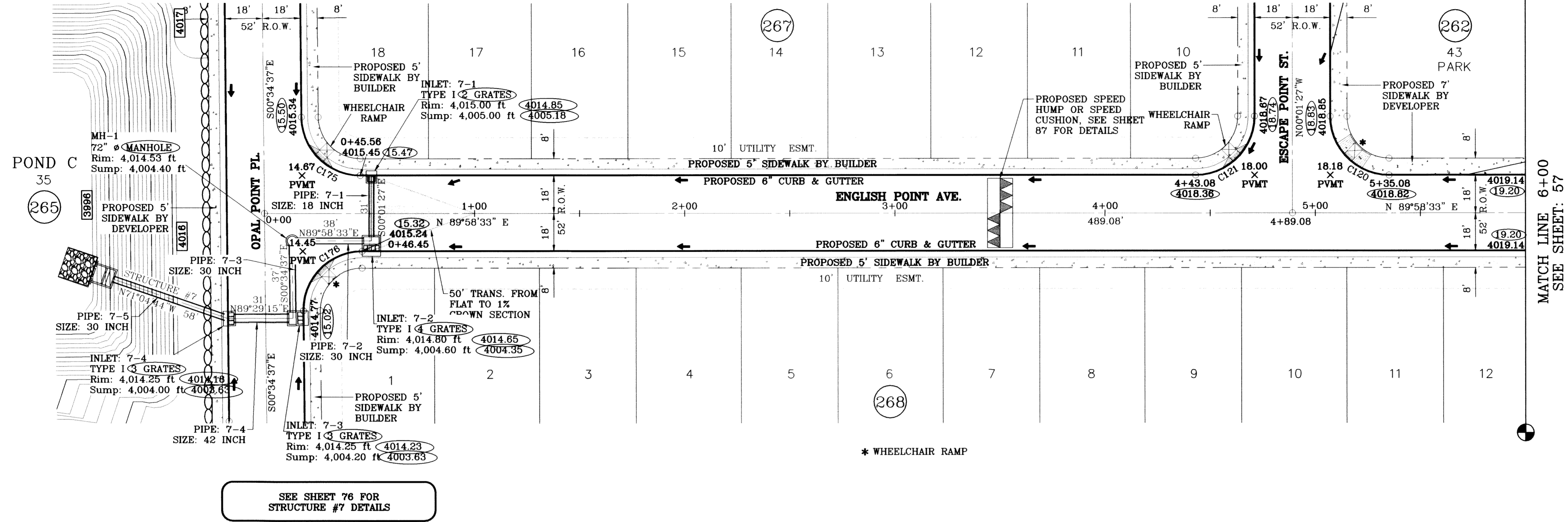
SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81



ENGINEER'S SEAL
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 8080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283



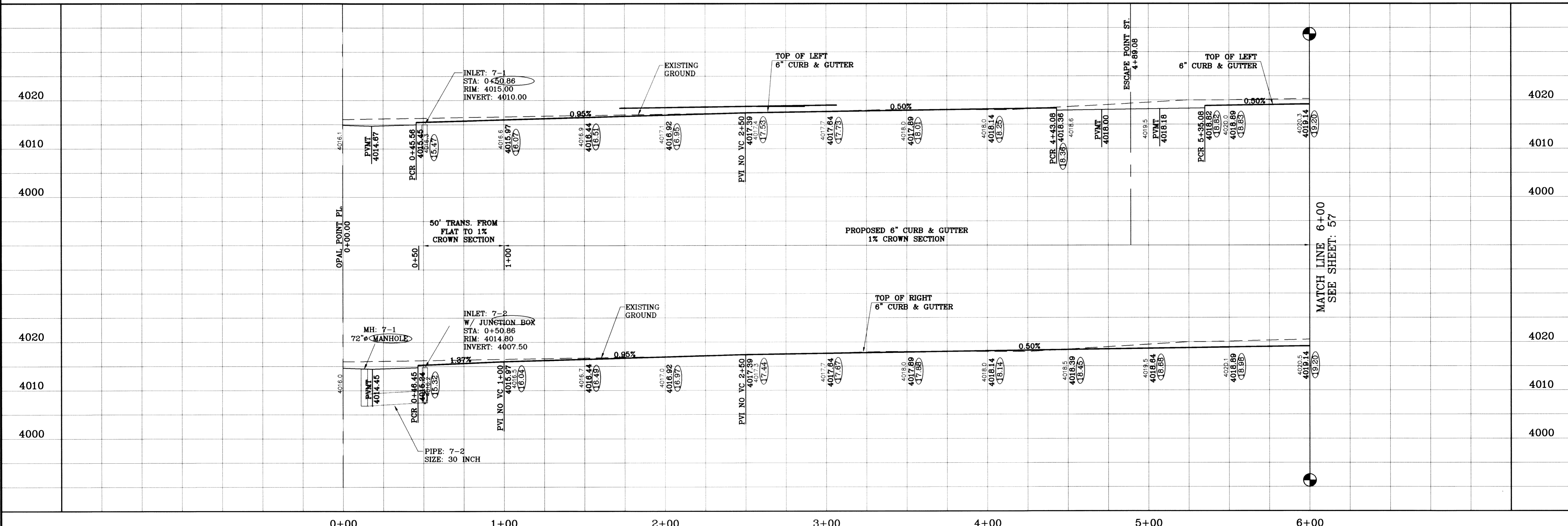
SHEET TITLE
STREET PLAN-PROFILE
BLUESKY POINT CT.
 STA: 6+00
 TO
 STA: 8+56.42



SEE SHEET 76 FOR
STRUCTURE #7 DETAILS

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C120	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C121	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C175	28.00	43.71	27.73	39.41	S45°18'02"E	89°26'50"
C176	28.00	44.25	28.27	39.79	S44°41'58"W	90°33'10"



PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY TWO

BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64

DATE
10/23/09

REVISIONS
CITY REDLINES COMMENTS: ADD SPEED
CUSHION NOTE.

BY
E.F.G.

DATE
07/27/11

AS BUILT

PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY TWO

SCALE
HORIZ: 1"=30'
VERT: 1"=10'

DATE
SEPT. 2008

DESIGN BY
YC

INITIATED BY
EFG

CHECKED BY
YC

JOB NO.
308-81

ENGINEER'S SEAL

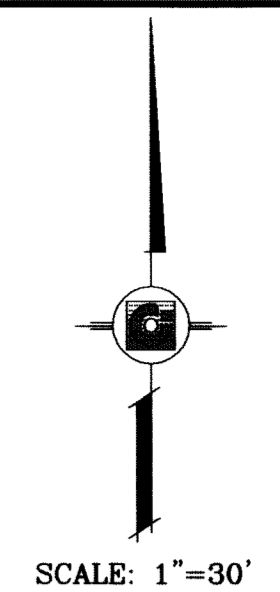
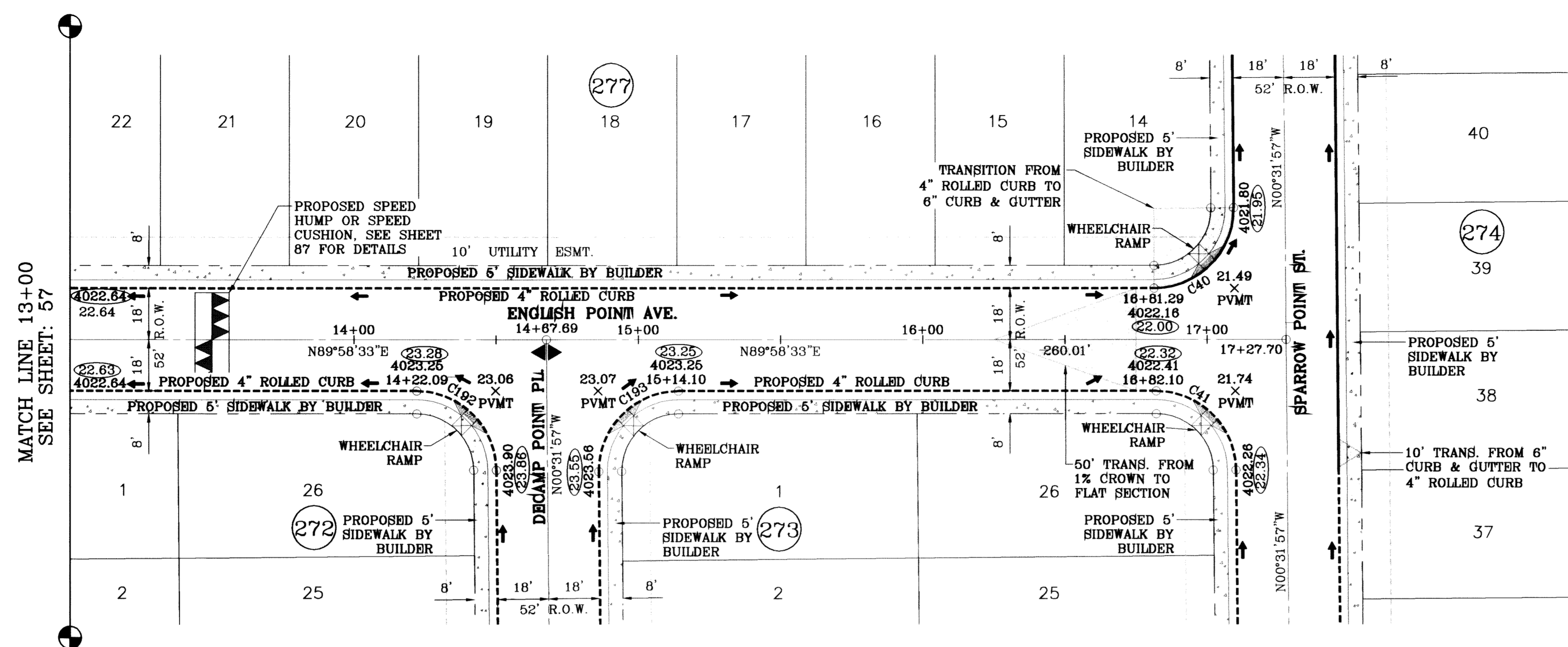
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR. STE 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
STREET
PLAN-PROFILE

**ENGLISH POINT
AVE.**
STA: 0+00
TO
STA: 6+00

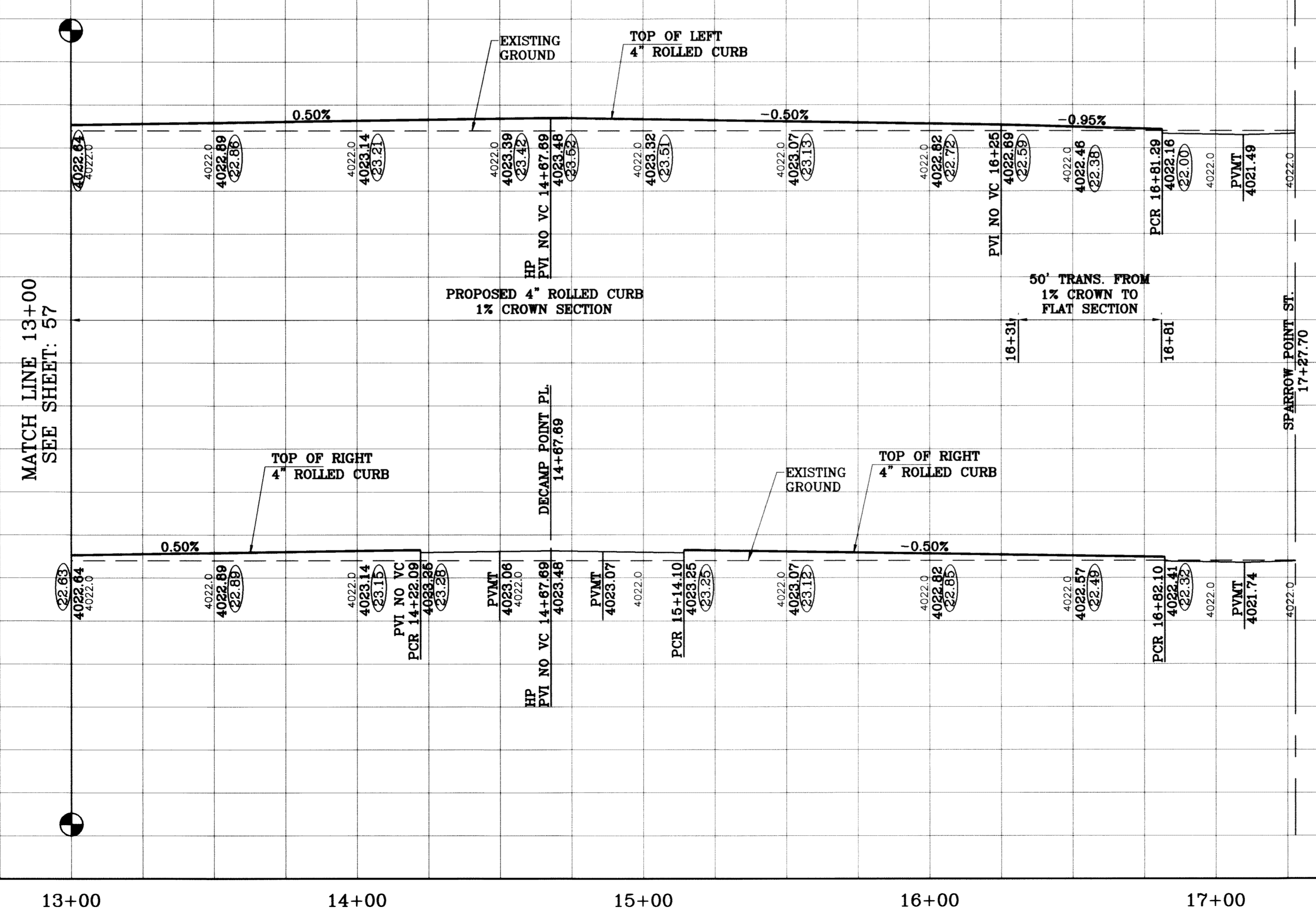
SHT 56 OF 88

S:\SubArea\TDE 62-7-25-10-00\DWG\TDE62_P14-ENG\SSA.dwg, ENGLISH, 8/19/2011 2:12:40 PM



○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C40	28.00	44.23	28.25	39.77	N44°43'18"W	90°30'31"
C41	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C192	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C193	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"



BENCHMARK	
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.	ELEVATION 4002.64
DATE	REVISIONS
10/14/08	CITY REDLINES AS PER 10/07/08 COMMENTS
07/27/11	AS BUILT
BY	E.F.G.
	F.R.

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, EL PASO COUNTY, TEXAS, CONTAINING 140.982 ACRES

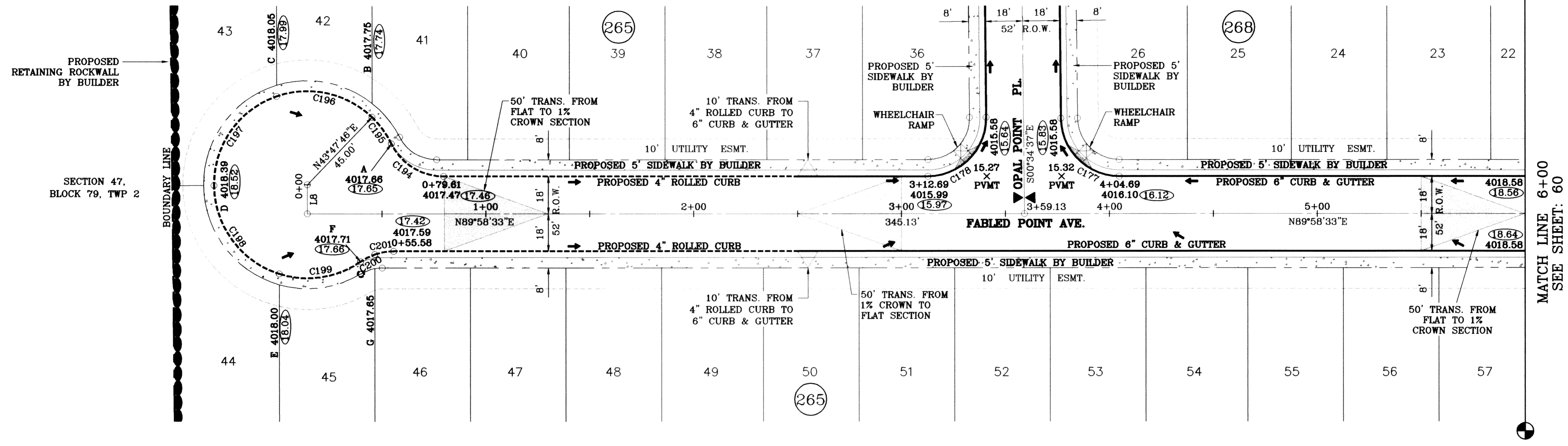
SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 508-81

ENGINEER'S SEAL

CONDE INC.
 ENGINEERING / PLANNING SURVEYING / GPS
 6080 SURETY DR. STE. 100
 EL PASO, TEXAS 79905
 (915) 592-0283

SHEET TITLE
STREET PLAN-PROFILE
ENGLISH POINT AVE.
 STA: 13+00 TO STA: 17+27.70
SHT 58 OF 88

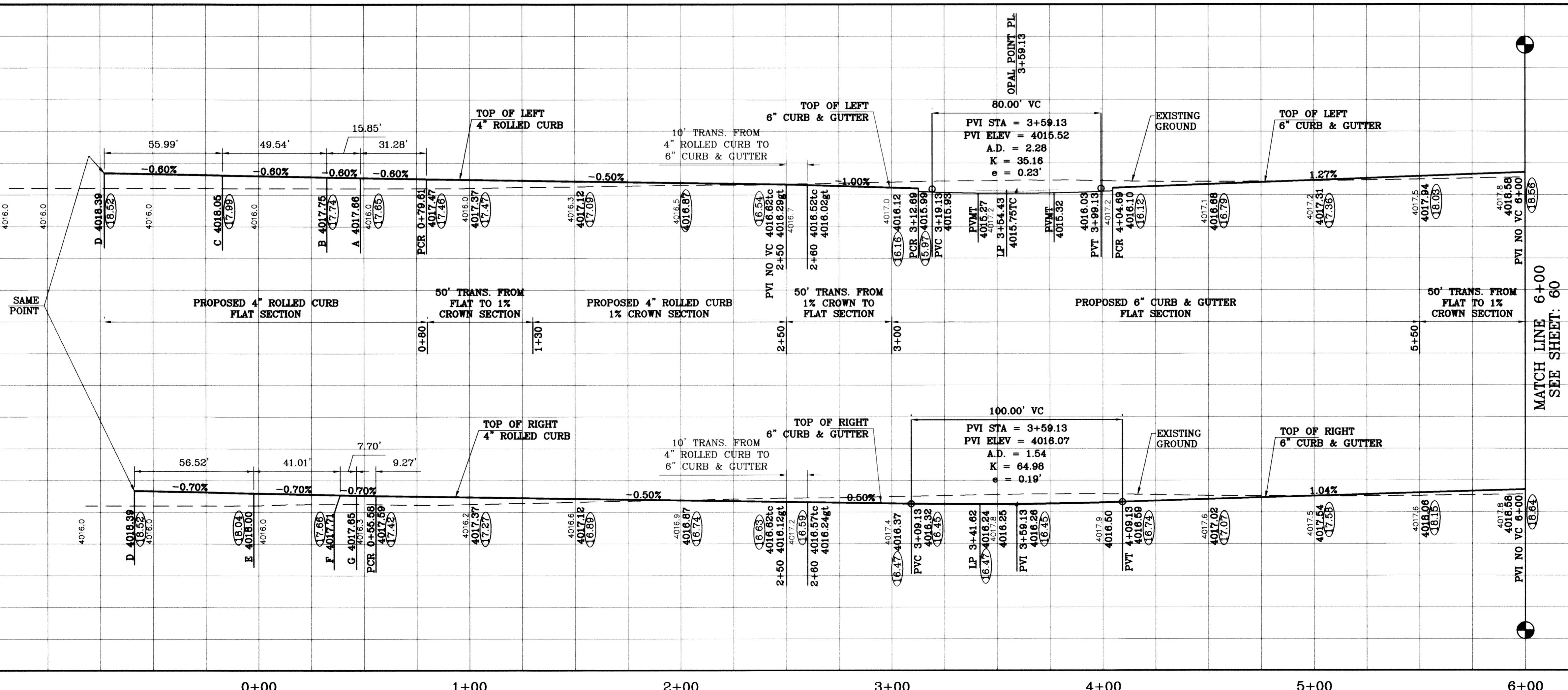
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LINE TABLE	
LINE	BEARING
L8	14.00 S00°01'27"E

CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C177	28.00	43.71	27.73	39.41	S45°18'02"E 89°26'50"
C178	28.00	44.25	28.27	39.79	N44°41'58"E 90°33'10"
C194	28.00	31.28	17.50	29.68	S58°01'25"E 64°00'03"
C195	45.00	15.85	8.01	15.77	N36°06'49"W 20°10'51"
C196	45.00	49.54	27.62	47.08	N77°44'35"W 63°04'42"
C197	45.00	55.99	32.27	52.45	S35°04'13"W 71°17'41"
C198	45.00	56.52	32.67	52.87	S36°33'23"E 71°57'32"
C199	45.00	41.01	22.05	39.60	N81°21'31"E 52°12'39"
C200	28.00	7.70	3.87	7.87	S63°07'38"W 15°44'53"
C201	28.00	9.27	4.68	9.23	S80°29'19"W 18°58'28"

○ DENOTES AS BUILT CONDITION ONLY

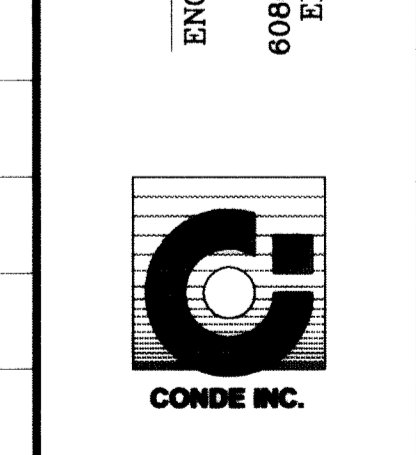


REVISIONS	
DATE	BY
07/27/11	AS BUILT

TERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CONTAINING 140.962 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFC
 CHECKED BY: YC
 JOB NO.: 308-81

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 8080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 582-0283



SHEET TITLE
STREET PLAN-PROFILE
FABLED POINT AVE.
 STA: 0+00 TO STA: 6+00

GENERAL NOTES:

- IMPROVEMENT WITHIN CITY R.O.W. SHALL COMPLY WITH TITLE 19- SUBDIVISION ORDINANCE - "SUBDIVISION IMPROVEMENT DESIGN STANDARDS".
- CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES FOR THE MANAGEMENT OF STORM WATER RUNOFF ENTERING, EXITING AND ON SITE DURING THE COURSE OF THE CONSTRUCTION. TEMPORARY BERMS, DESILTING BASIN, CHECK DAMS, PIPING ETC. SHALL BE PROVIDED AS NECESSARY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION AND NOTIFICATION WITH ALL APPURTENANT UTILITY COMPANIES WHOSE LINES ARE WITHIN THE CONSTRUCTION CONTRACT AREA. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES 48 HOURS PRIOR TO ANY CONSTRUCTION ON SITE. THE CONTRACTOR WILL BE RESPONSIBLE PHYSICALLY AND FINANCIALLY FOR ANY DISRUPTION TO SERVICE EITHER ON SITE OR OFF SITE DUE TO BREAKAGE OF UTILITY LINES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DATA SHOWN ON THE PLANS. IF DISCREPANCIES ARE FOUND THE CONTRACTOR SHALL NOTIFY THE OWNER OR ENGINEER IMMEDIATELY SO THAT PROPER CORRECTIONS CAN BE MADE.
- EQUIPMENT OF A CONDITION AND DESIGN SUFFICIENT TO ENSURE A THOROUGH AND WORKMANLIKE PROSECUTION OF THE PROJECT SHALL BE USED AT ALL TIMES.
- ALL ELEVATIONS ARE TO CITY DATUM UNLESS OTHERWISE NOTED.
- ALL WASTE MATERIALS INCLUDING EXCAVATION, CURBING, PAVEMENT, ETC. SHALL BE DISPOSED OF AS DESIGNATED BY THE OWNER OR HIS REPRESENTATIVE.
- THE CONTRACTOR SHALL NOTIFY THE OWNER, OR HIS REPRESENTATIVE, IN SUFFICIENT TIME IN ADVANCE OF DELIVERY OF MATERIALS TO BE SUPPLIED BY HIM UNDER THIS PROJECT, IN ORDER THAT THE OWNER MAY ARRANGE, IF DESIRED, INSPECTION AND TESTING FOR SAME.
- SAFE AND REASONABLE ACCESS FOR THIS SITE MUST BE MAINTAINED AT ALL TIMES DURING THE LIFE OF THE PROJECT.
- ANY CAVITY REMAINING OPEN DURING NONWORKING HOURS MUST BE GUARDED BY FLASHER TYPE BARRICADES WITH STRINGERS PLACED BETWEEN THE TOPS OF THE BARRICADES.
- DEVELOPER SHALL COMPLY WITH SECTION 13.08.170 "EXCESSIVE PAVING CUTS" AS PER EL PASO MUNICIPAL CODE.

GENERAL EARTHWORK NOTES:

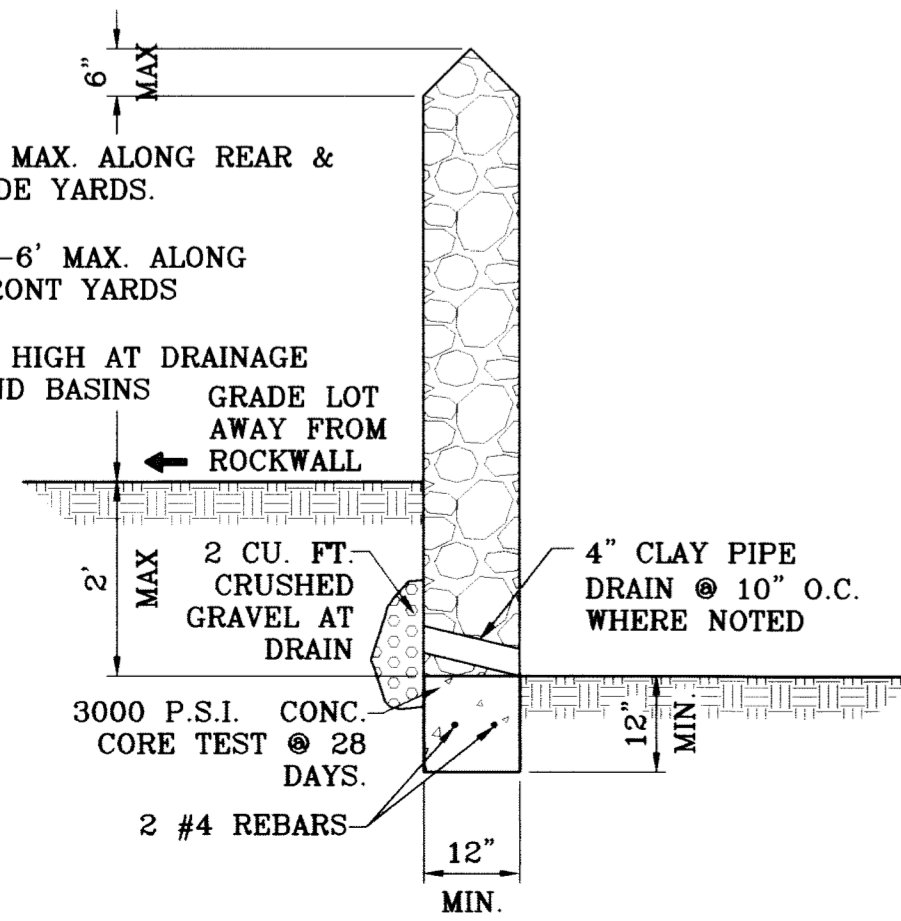
- ALL GRADING SHALL CONFORM TO THE CITY OF EL PASO GRADING ORDINANCE SECTION 18.44.
- THE CONTRACTOR SHALL CARRY ON HIS WORK WITH SPECIAL CARE AT ALL TIMES TO MAINTAIN THE NATURAL SURROUNDINGS AND EXISTING STRUCTURES IN AN UNDAMAGED CONDITION.
- NATURAL SUBGRADES TO SUPPORT STRUCTURAL FILL OR PAVEMENTS SHOULD BE STRIPPED OF ALL VEGETATION OR ORGANIC TOPSOIL. THE EXPOSED SUBGRADE SHOULD BE SCARIFIED JUST PRIOR TO FILL PLACEMENT TO A MINIMUM DEPTH OF 6 INCHES AND RECOMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS PER ASTM D-1557. ALL BACKFILL MATERIAL TO BE PLACED IN HORIZONTAL LAYERS NOT TO EXCEED EIGHT (8) INCH LIFTS AND COMPACTED AS BEFORE.
- TEMPORARY DUST AND EROSION CONTROL MEASURES SHALL BE PROVIDED FOR AT ALL TIMES. SEE SHEET 17 OF 88.
- ANY EROSION OF THE GRADED SITE DURING THE COURSE OF THE PROJECT SHALL BE CORRECTED PRIOR TO FINALIZATION OF THE PROJECT AT NO COST TO THE OWNER.
- ALL SLOPES AND SWALES WITHIN LOTS SHALL BE MAINTAINED BY LOT OWNER.

CONSTRUCTION NOTES:

- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI UNLESS OTHERWISE NOTED.
- MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
- 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
- REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
- RETAINING WALLS WILL BE REQUIRED WHERE THERE IS A GRADE DIFFERENCE OF 2 OR MORE FEET BETWEEN LOTS AND STREET. RETAINING WALL DESIGN AT TIME OF BUILDING PERMIT.
- 85% COMPACTION REQUIRED ON CUTS & 95% COMPACTION REQUIRED ON FILLS.

ROCKWALL NOTES:

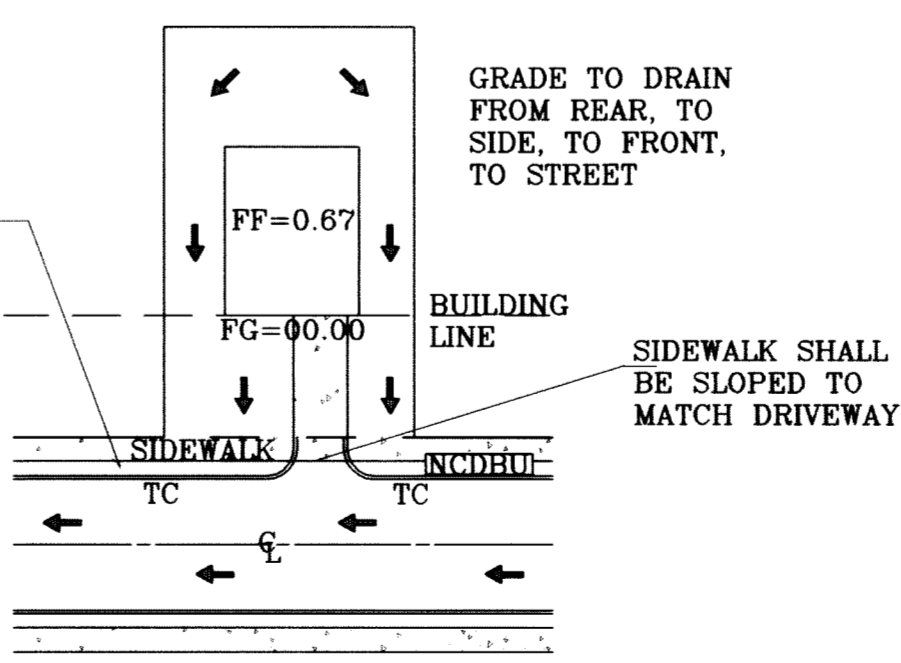
- STONE FOR ROCKWALLS SHALL BE AS NEARLY UNIFORM IN SECTIONS AS IS PRACTICABLE. THE STONE SHALL BE DENSE AND RESISTANT OF AIR AND WATER.
- MORTAR MUST BE TYPE "S" 1800 P.S.I. AS PER ASTM C270.
- MASONRY WALLS OVER SIX (6) FEET IN HEIGHT AND THOSE USED FOR EARTH RETENTION OVER TWO (2) FEET MUST BE DESIGNED AS STRUCTURAL WALLS.
- WALLS ADJACENT TO PONDING AREAS OR DRAINAGE DITCHES MAY BE CONSTRUCTED OF BRICK, CINDER BLOCK, STONE OR CINDER BLOCK AND SHALL NOT BE LESS THAN SIX (6) FEET HIGH.
- ROCKWALL MORTAR JOINTS MUST NOT EXCEED TWO (2) INCHES.
- PROVIDE ONE (1) INCH EXPANSION JOINTS AT EVERY 100 FEET.
- ALL STONE SHALL BE THOROUGHLY SOAKED BEFORE BEING PLACED.
- NO RIVER ROCK SHALL BE ALLOWED.



○ DENOTES AS BUILT CONDITION ONLY

HANDICAP RAMPS WILL BE CONSTRUCTED BY DEVELOPER AND TO INCLUDE TRUNCATED DOMES

ALL UTILITIES SHALL BE PLACED IN PARKWAY. NO UTILITIES SHALL BE PLACED ON SIDEWALKS (i.e., NCDOT'S, FIRE HYDRANTS, LIGHT POLES, SIGNS, POWER POLES, etc....)



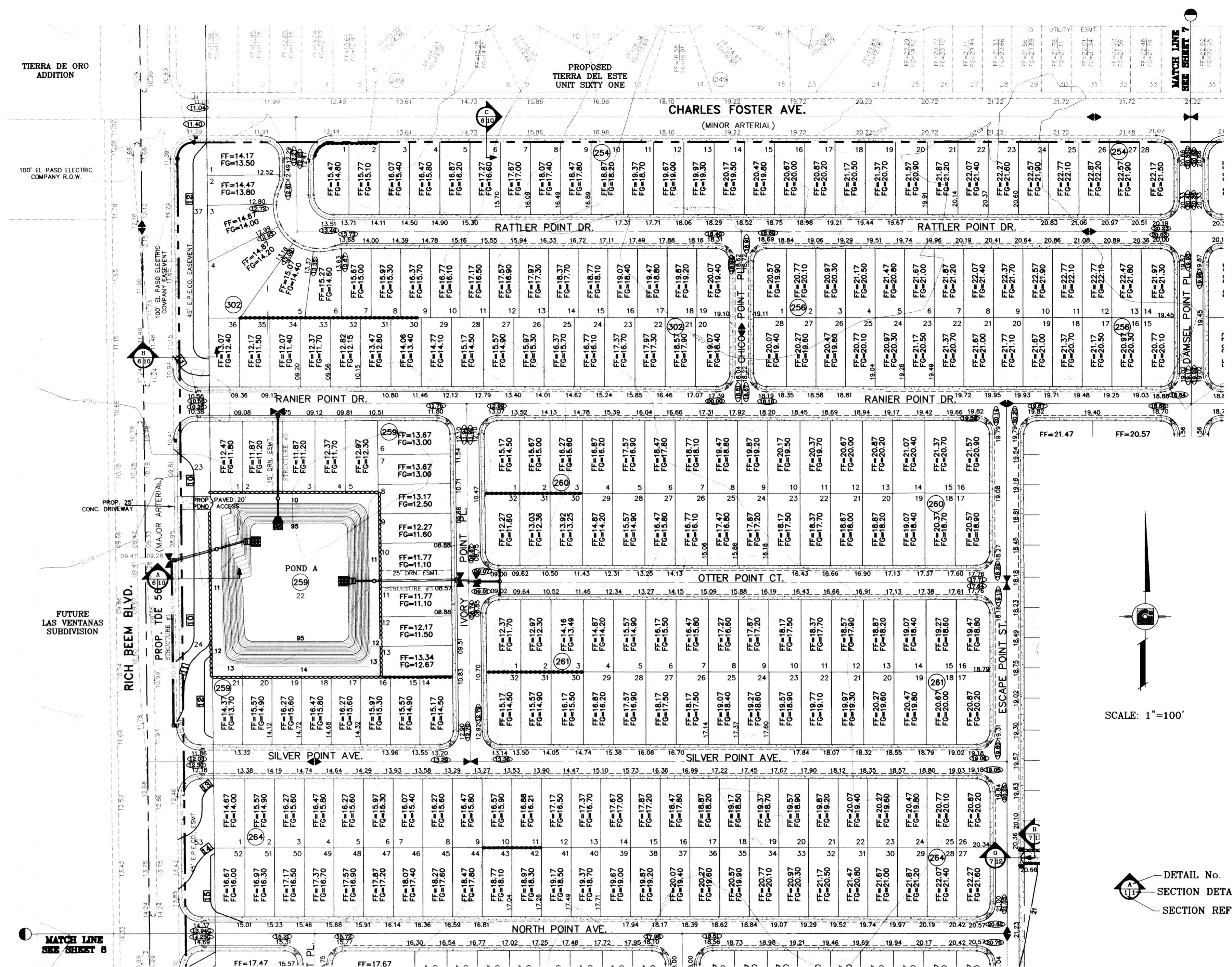
LEGEND

- FF=00.00 PROPOSED FINISH FLOOR
- FG=00.67 PROPOSED FINISH GROUND
- 00.00 PROPOSED SPOT ELEVATION
- ▲ HIGH POINT
- ▼ LOW POINT
- - - - - EXISTING CONTOUR
- 4000 EXISTING SPOT ELEVATION
- 4000 PROPOSED CONTOUR
- ▬▬▬▬▬ PROPOSED ROCK WALL
- ▬▬▬▬▬ PROPOSED RETAINING WALL

SEE SHEET 68 FOR POND "A" SECTION DETAILS

SEE SHEET 72 AND 73 FOR DRAINAGE STRUCTURES #1, #2 AND #3.

NOTE:
HEREON DESCRIBED TRACT LIES IN ZONE X, COMMUNITY PANEL NO. 480214 0043B. DATED OCTOBE 15, 1982.



SCALE: 1"=100'

DETAIL No. SECTION DETAIL SHEET SECTION REFERENCE SHEET

PROJECT NAME: **TERRA DEL ESTE UNIT SIXTY TWO**

CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS 6080 SURVEY DR. STE. 100 EL PASO, TEXAS 79905 (815) 592-0283

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC

JOB NO.: 308-61

REVISIONS:
DATE: 10/14/09
BY: EFG
REVISIONS: CITY REDLINES AS PER 10/07/09 COMMENTS: REVISE CITY REDLINES COMMENTS: REVISE STRUCTURE #3.

REVISIONS:
DATE: 10/22/09
BY: EFG
REVISIONS: REVISED LOT LAYOUT AS PER REVISED PLAN

AS BUILT CITY RED LINES BENCHMARK

8/03/11 11/29/10

FR. R.R.

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEE BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64

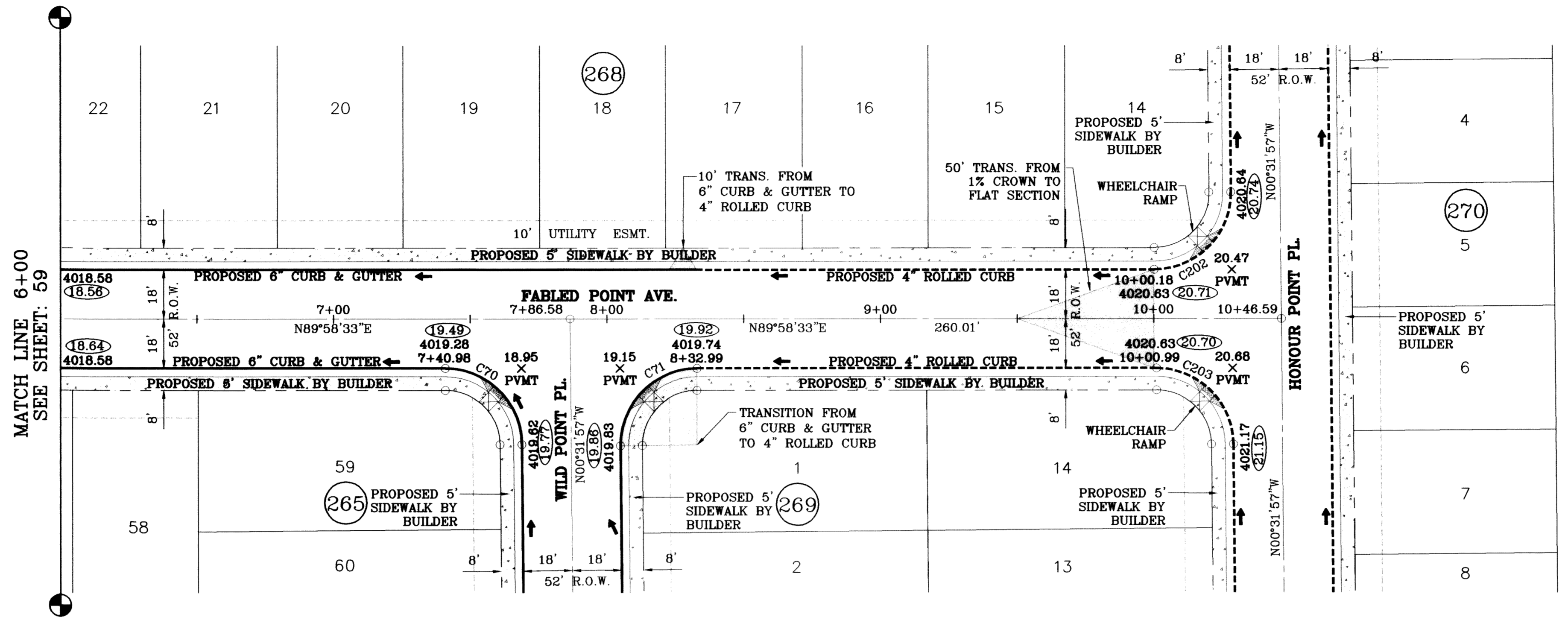
CITY DATUM

TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

GRADING PLAN

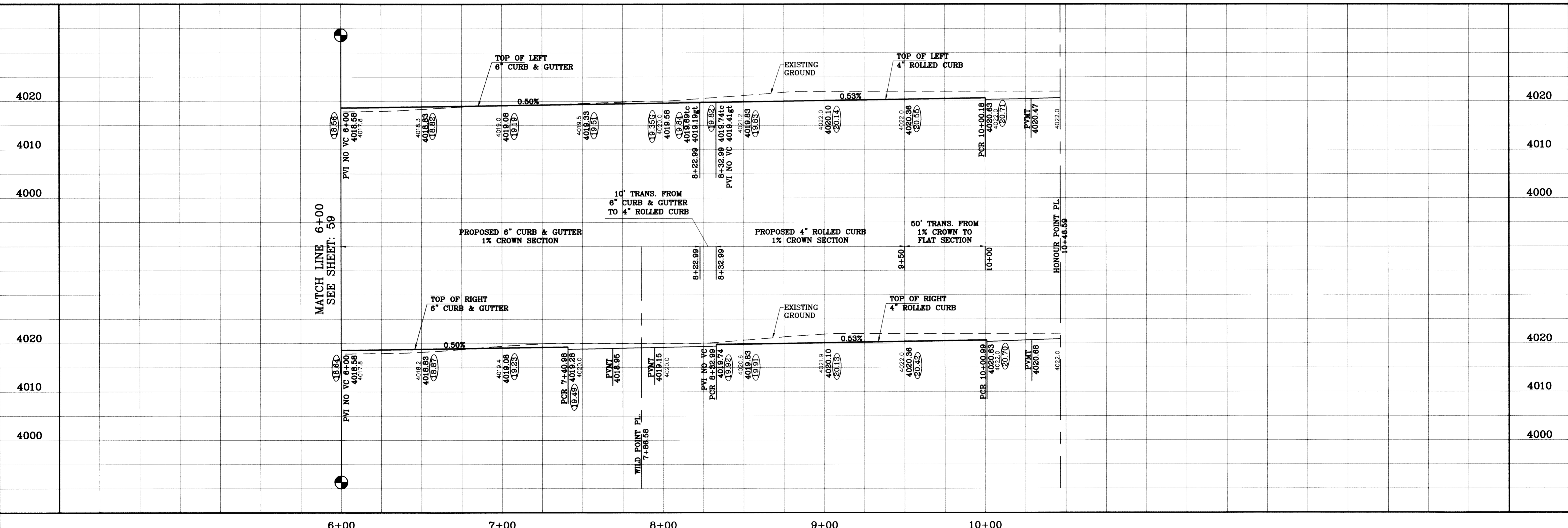
SHT 6 OF 88



SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C70	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C71	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"
C202	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C203	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"



TIERRA DEL ESTE UNIT SIXTY TWO

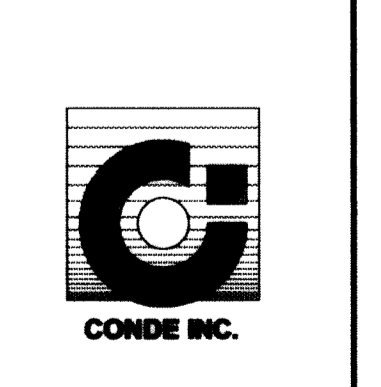
BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION
OF RICH BERRY BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64
DATE 07/27/11
REVISIONS AS BUILT
BY F.R.

PROJECT NAME
**TIERRA DEL ESTE
UNIT SIXTY TWO**
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
EL PASO COUNTY, TEXAS,
CONTAINING 140.862 ACRES

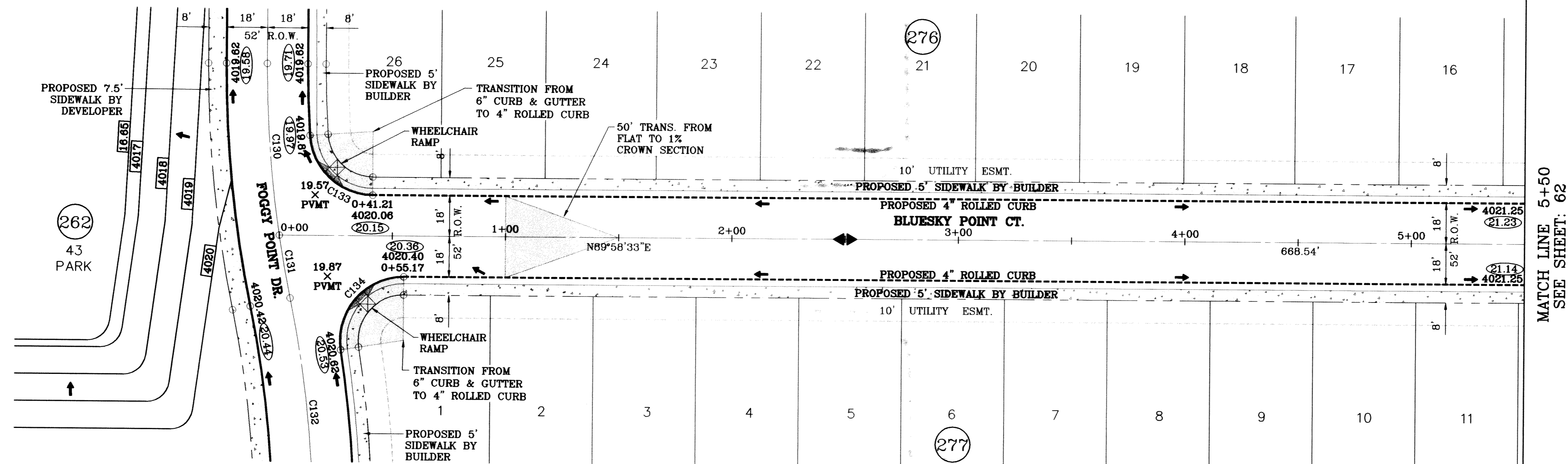
SCALE
HORIZ: 1"=30'
VERT: 1"=10'
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283



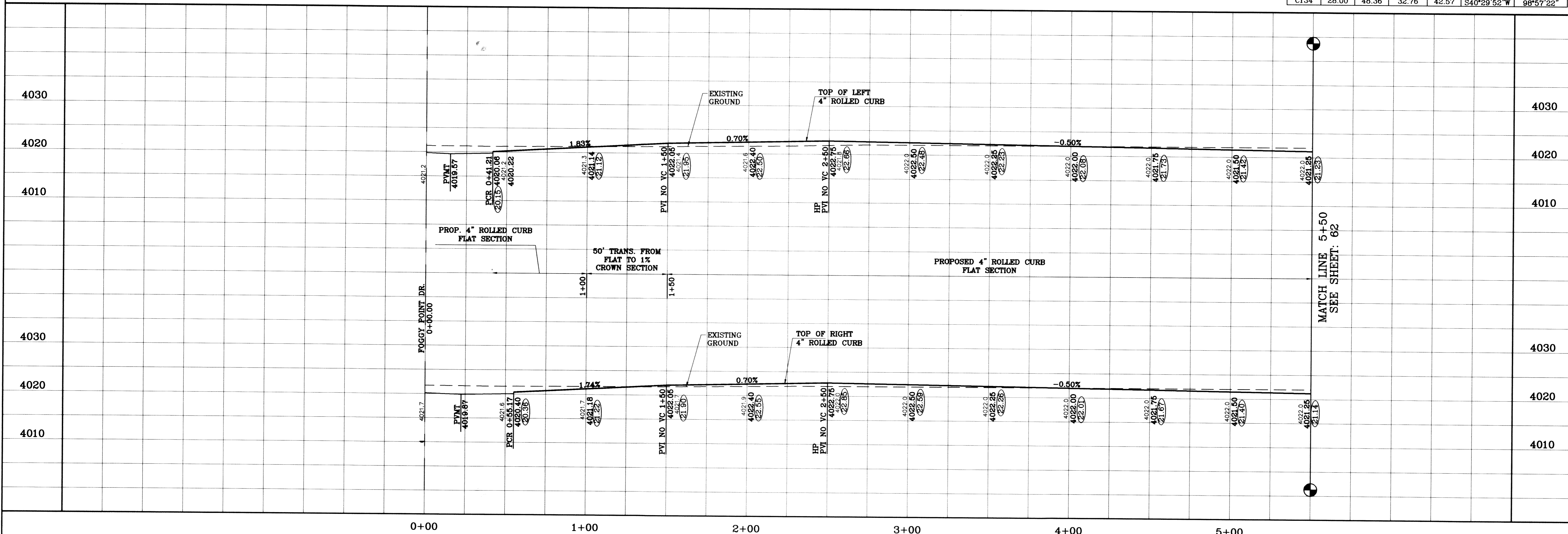
SHEET TITLE
**STREET
PLAN-PROFILE**
**FABLED POINT
AVE.**
STA: 6+00
TO
STA: 10+46.59



SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C130	500.00	75.96	38.05	75.88	S04°22'34"E	8°42'15"
C131	500.00	28.13	14.07	28.12	S10°20'23"E	3°13'22"
C132	500.00	104.08	52.23	103.90	N05°59'16"W	11°55'37"
C133	28.00	42.15	26.23	36.28	S46°53'51"E	86°15'12"
C134	28.00	46.36	32.76	42.57	S40°29'52"W	98°57'22"



MATCH LINE 5+50
SEE SHEET: 62

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR. STE 100
EL PASO, TEXAS 79806
(915) 582-0283

TERRA DEL ESTE UNIT SIXTY TWO
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND TARRANT COUNTY, TEXAS, CONTAINING 140.962 ACRES

PROJECT NAME
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64

DATE
10/14/09

REVISIONS
CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G.
CITY REDLINES COMMENTS: REVISE PARK E.F.G.
CONTOURS: AS BUILT

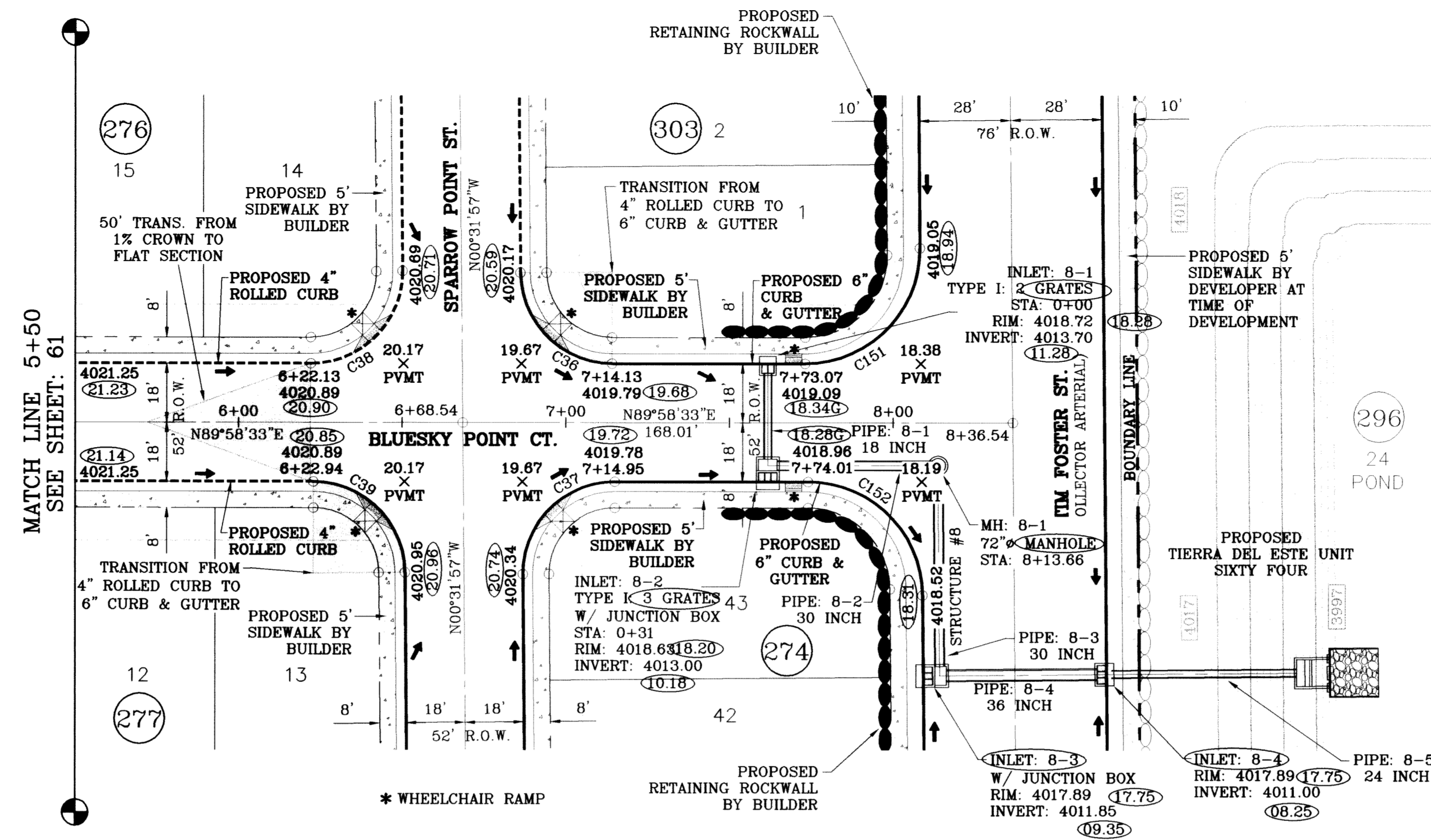
SCALE
HORIZ: 1"=30'
VERT: 1"=10'

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-61

ENGINEER'S SEAL

SHEET TITLE
STREET
PLAN-PROFILE
BLUESKY POINT CT.
STA: 0+00
TO
STA: 5+00

SHT 61 OF 88

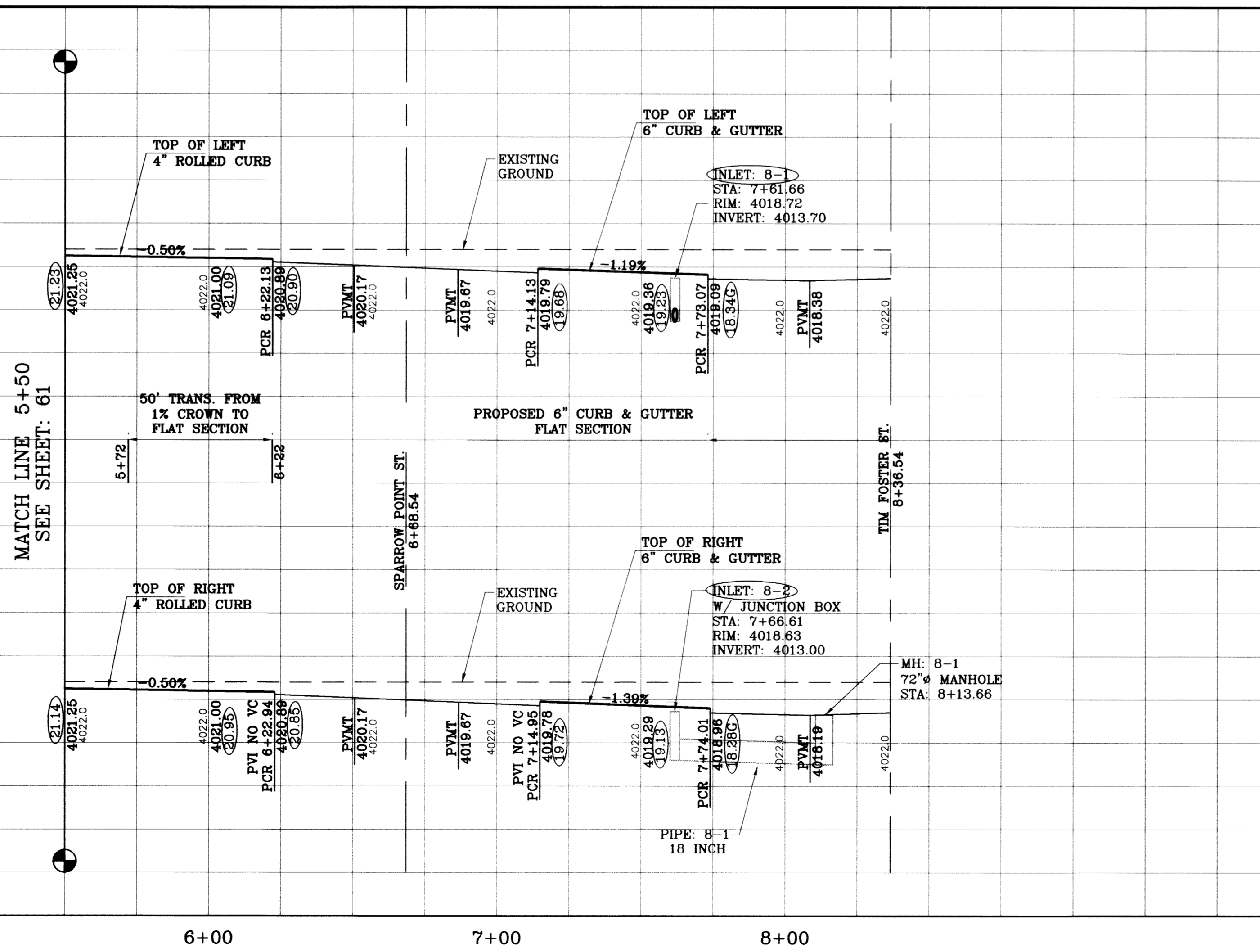


SCALE: 1"=30'

SEE SHEET 77 FOR STRUCTURE #8 DETAILS

○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C36	28.00	43.73	27.75	39.42	S45°16'42"E	89°29'29"
C37	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"
C38	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C39	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C151	35.00	55.29	35.31	49.72	N44°43'18"E	90°30'31"
C152	35.00	54.67	34.69	49.28	N45°16'42"W	89°29'29"



BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.
DATE	ELEVATION 4002.84
BY	REVISIONS
F.R.	AS BUILT
	07/00/11

TERRA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

PROJECT NAME	TERRA DEL ESTE UNIT SIXTY TWO
SCALE	HORIZ: 1"=30' VERT: 1"=10'
DATE	SEPT. 2008
DESIGN BY	YC
INITIATED BY	EFG
CHECKED BY	YC
JOB NO.	308-B1

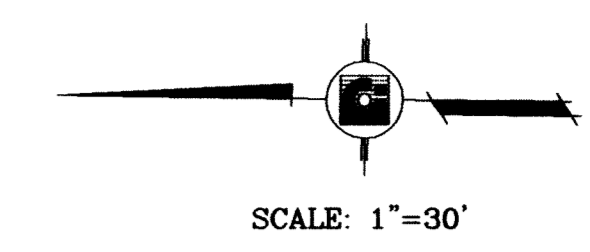
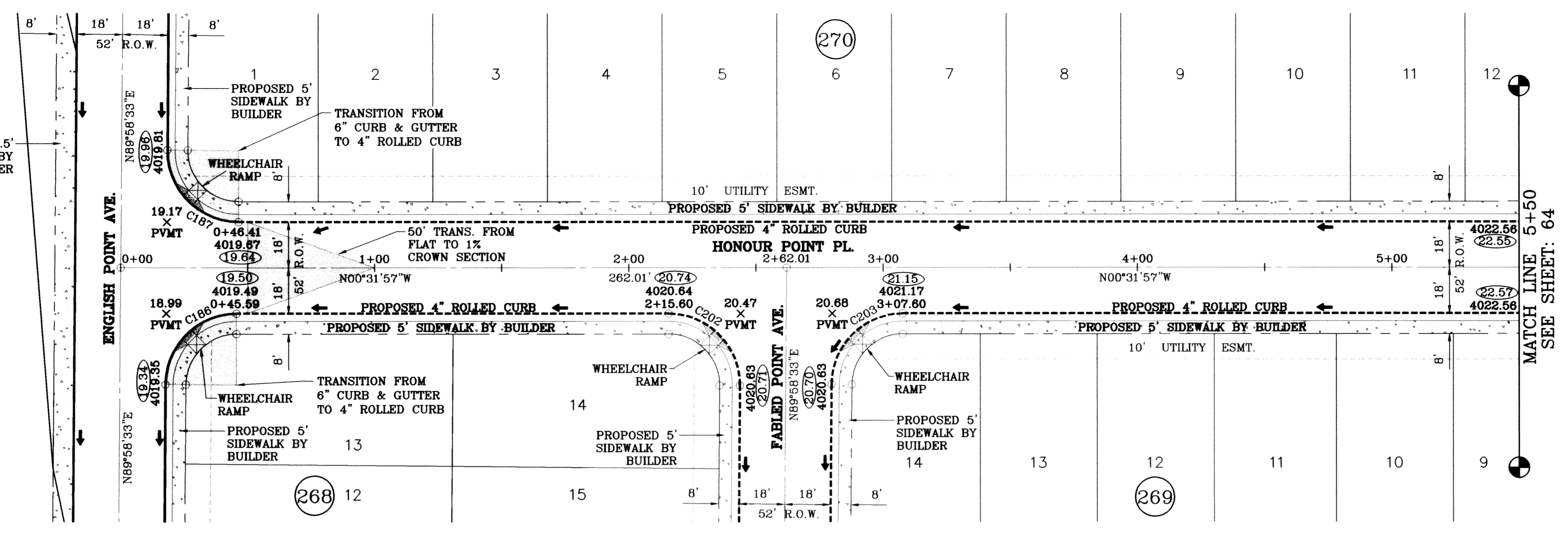
ENGINEER'S SEAL

CONDE INC.
 ENGINEERING / PLANNING SURVEYING / GPS
 6080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (915) 592-0283



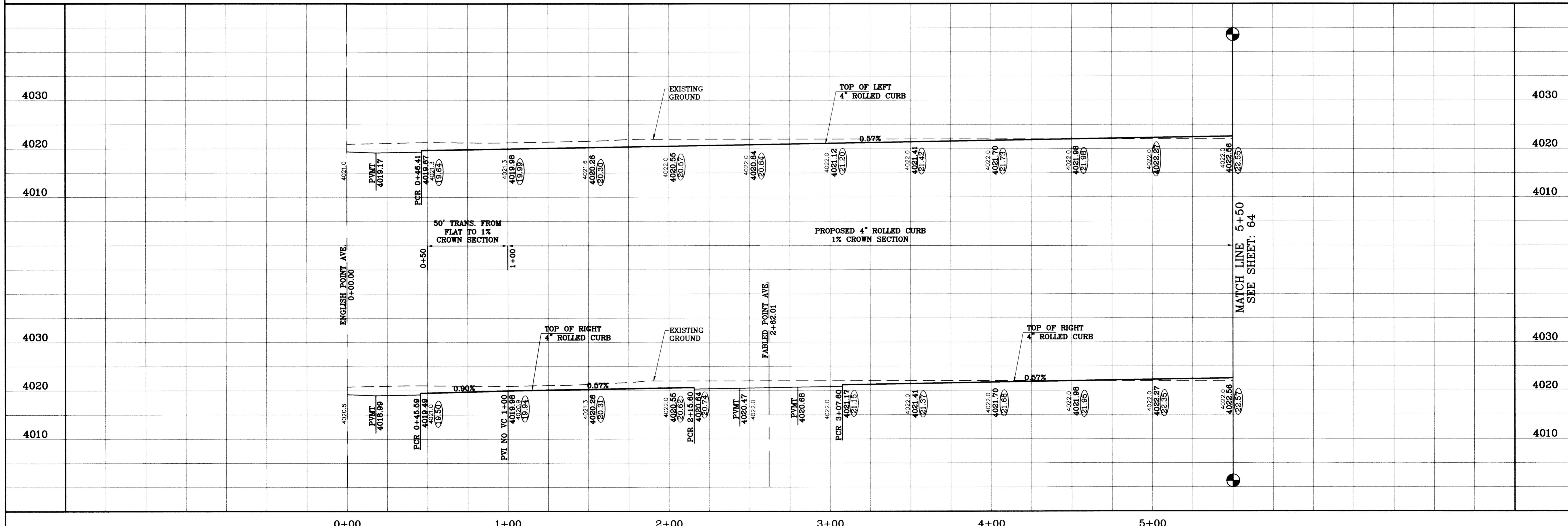
SHEET TITLE
STREET PLAN-PROFILE
BLUESKY POINT CT.
 STA: 5+50 TO STA: 8+36.54

262
43
PARK



○ DENOTES AS BUILT CONDITION ONLY

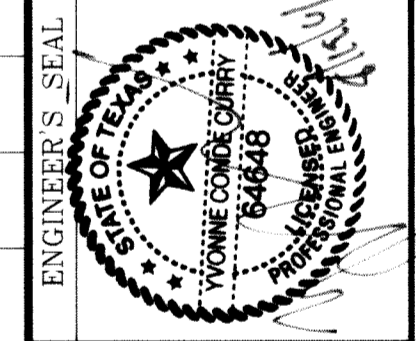
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C186	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C187	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"
C202	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C203	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"



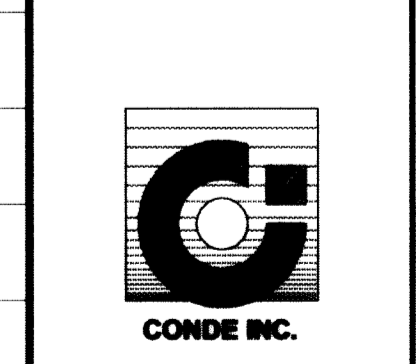
BENCHMARK
CITY MONTICENT AT THE CENTERLINE INTERSECTION
OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64 CITY DATUM
DATE 10/14/09 REVISIONS
CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G.
AS BUILT F.R.

PROJECT NAME
**TIERRA DEL ESTE
UNIT SIXTY TWO**
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
EL PASO COUNTY, TEXAS
CONTAINING 140.862 ACRES

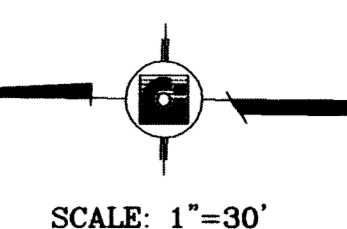
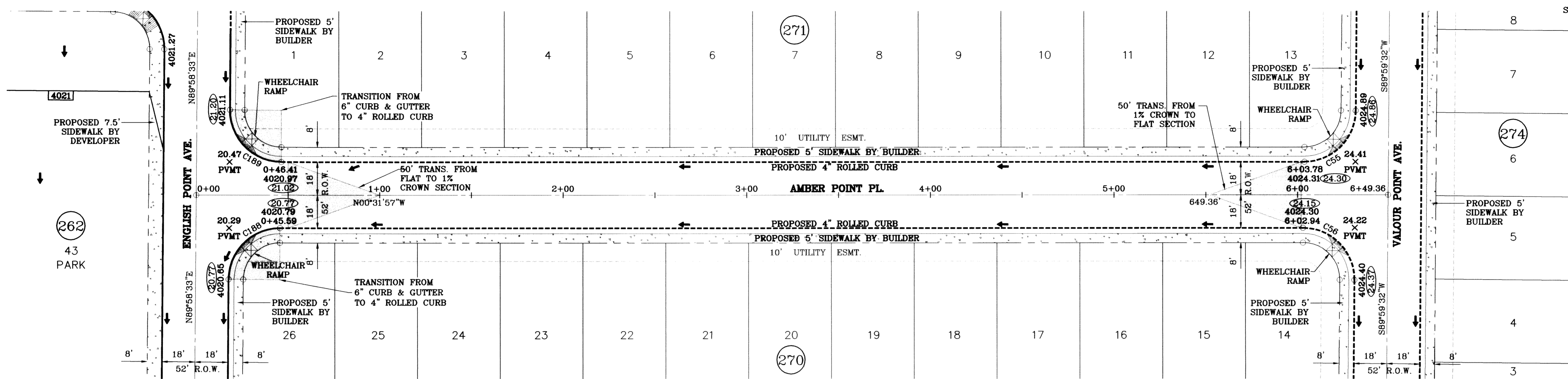
SCALE
HORIZ: 1"=30'
VERT: 1"=10'
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-61



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE. 100
EL PASO, TEXAS 79905
(915) 582-0283

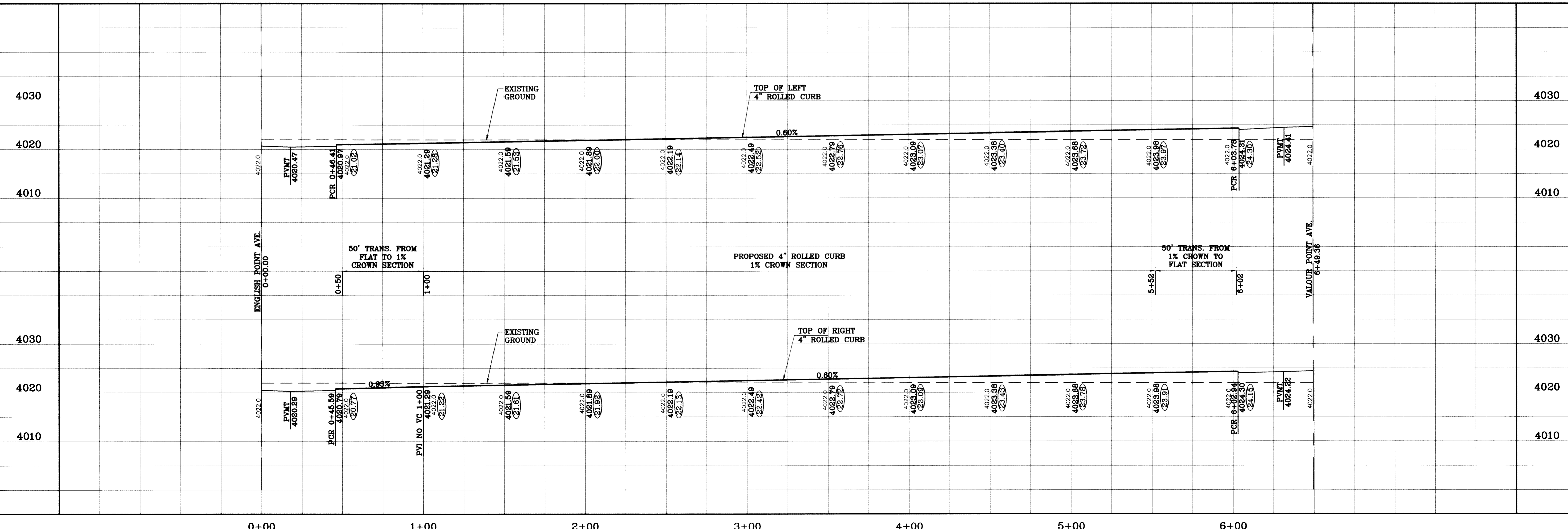


SHEET TITLE
**STREET
PLAN-PROFILE**
**HONOUR POINT
PL.**
STA: 0+00
TO
STA: 5+00



○ DENOTES AS BUILT CONDITION ONLY

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C55	28.00	43.73	27.74	39.42	S45°16'13"E	89°28'30"
C56	28.00	44.24	28.26	39.78	N44°43'47"E	90°31'30"
C188	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C189	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"



BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BREA BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
DATE	10/14/08
REVISIONS	CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G. AS BUILT
BY	F.R.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

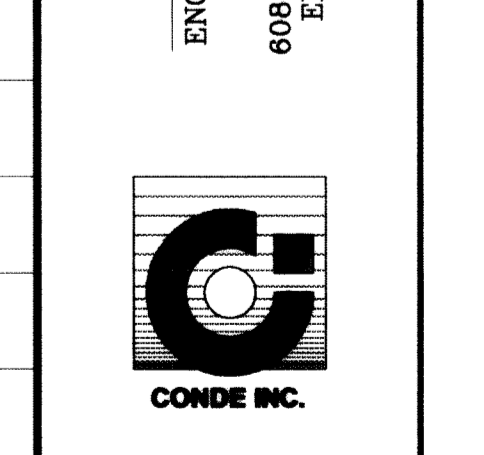
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, S.W. 1/4, C.O. 140, 966 ACRES CONTAINING 140.966 ACRES

SCALE
HORIZ: 1"=30'
VERT: 1"=10'

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

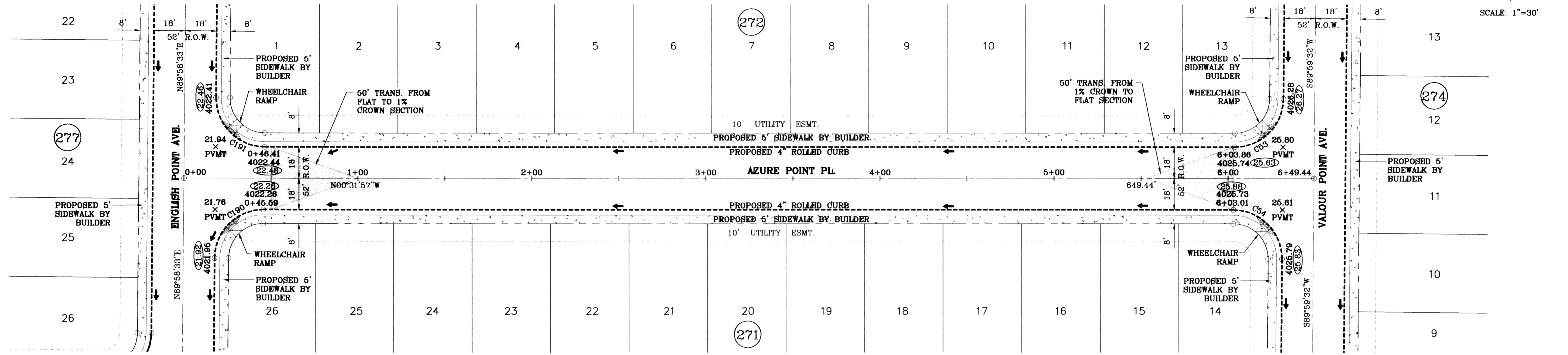
ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
8080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283



SHEET TITLE
STREET PLAN-PROFILE

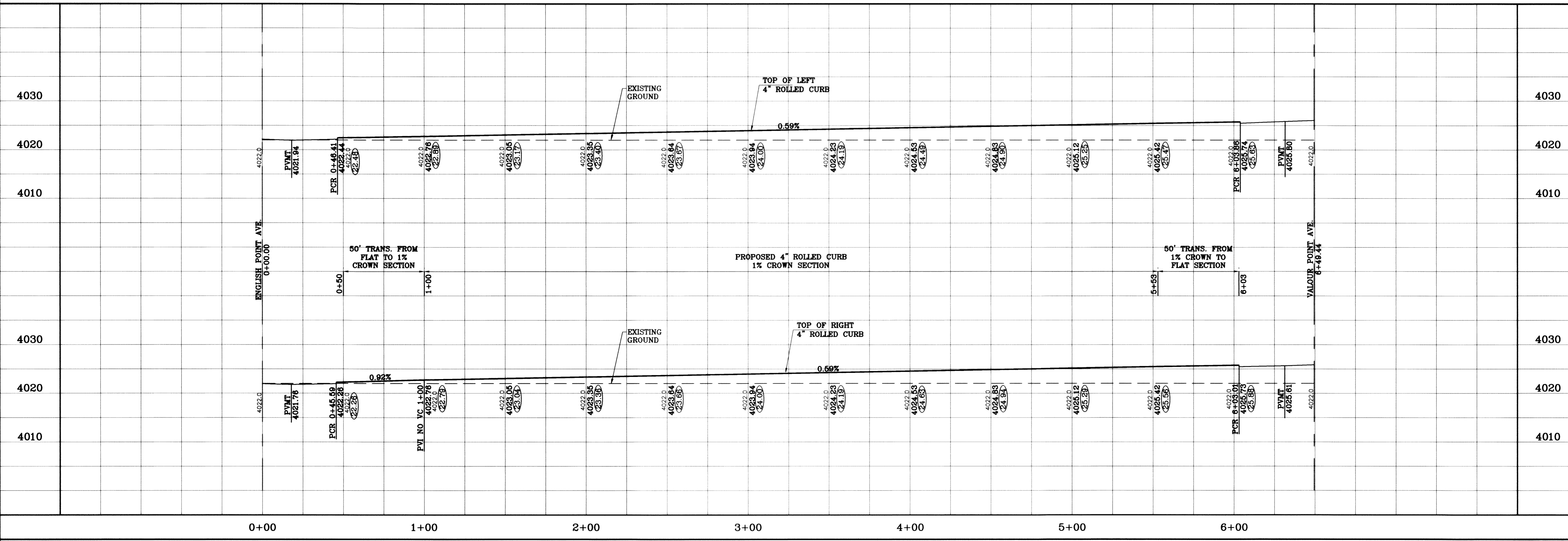
AMBER POINT PL.
STA: 0+00
TO
STA: 6+49.36



SCALE: 1"=30'

○ DENOTES AS BUILT CONDITION ONLY

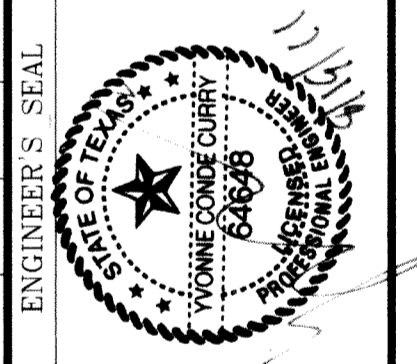
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C53	28.00	43.73	27.74	39.42	S45°16'13"E	89°28'30"
C54	28.00	44.24	28.26	39.78	N44°43'47"E	90°31'30"
C190	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C191	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"



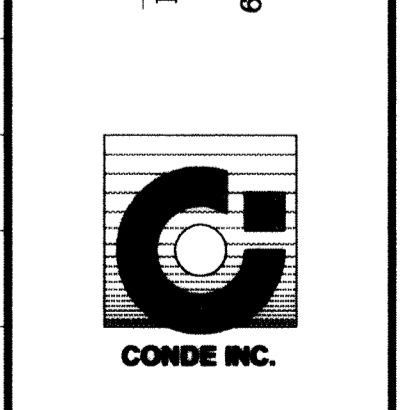
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64	DATE	07/29/11
REVISIONS	AS BUILT	BY	F.R.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS CONTAINING 140.962 ACRES

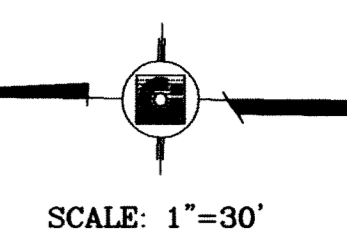
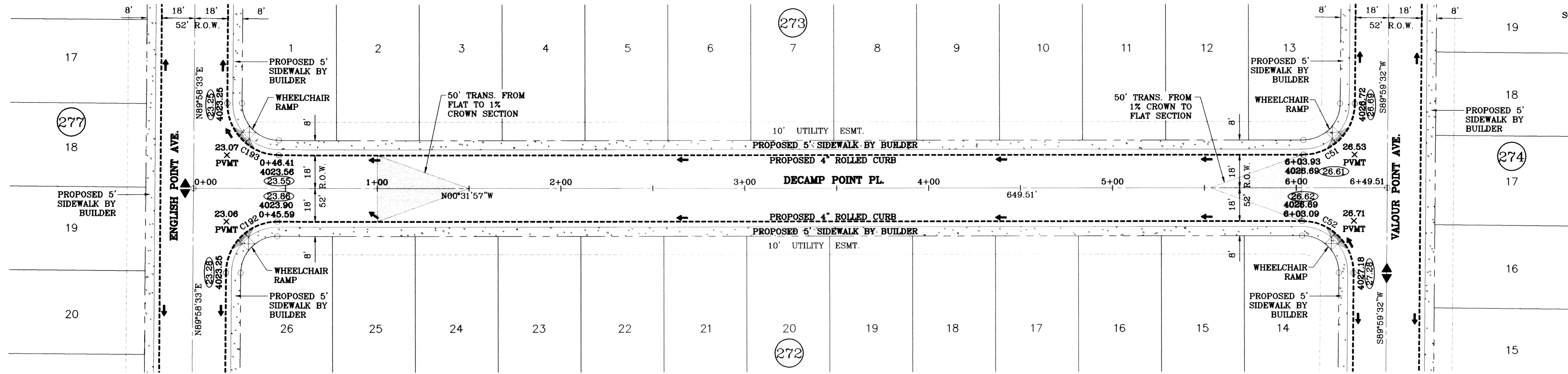
SCALE
HORIZ: 1"=90'
VERT: 1"=10'
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
8080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(815) 592-0283

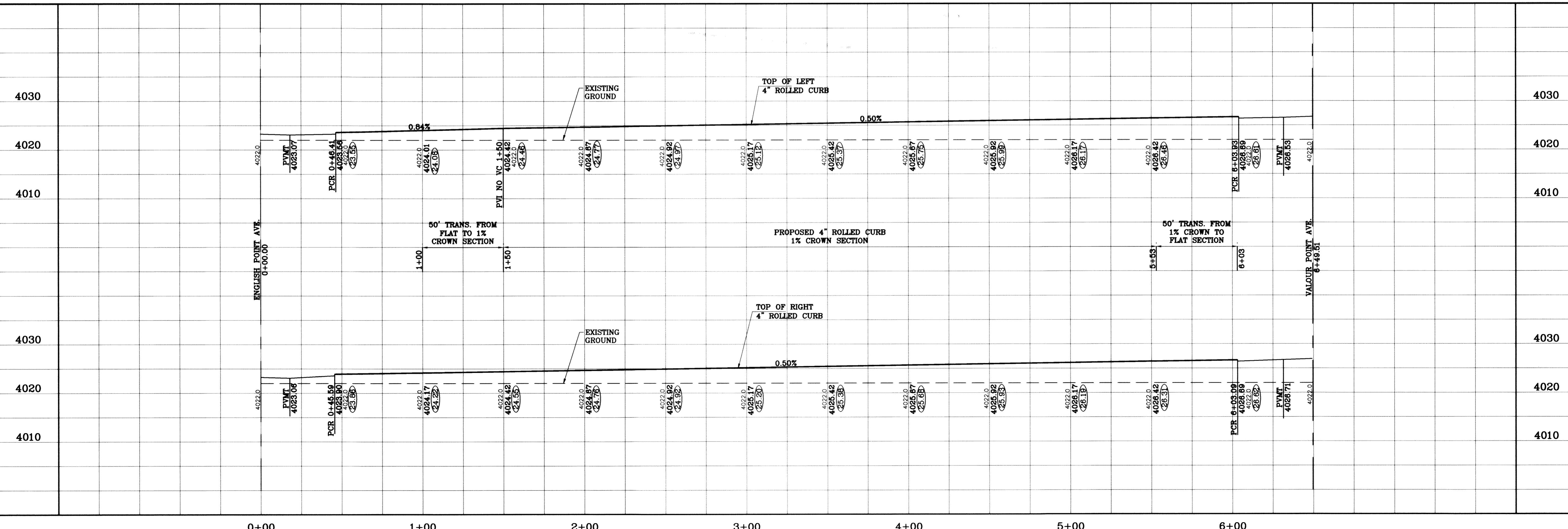


SHEET TITLE
STREET PLAN-PROFILE
AZURE POINT PL
STA: 0+00 TO STA: 6+49.44



○ DENOTES AS BUILT CONDITION ONLY

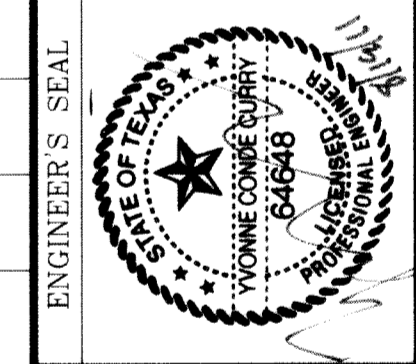
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C51	28.00	43.73	27.74	39.42	S45°16'13"E	89°28'30"
C52	28.00	44.24	28.26	39.78	N44°43'47"E	90°31'30"
C192	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C193	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"



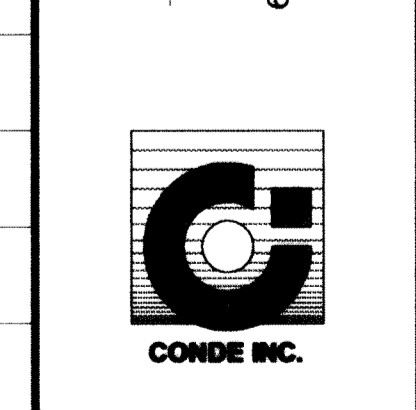
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BREEZ BLDG. AND RAINBOW POINT DR	BY	F.R.
ELEVATION	4002.64	DATE	07/29/11
REVISIONS	AS BUILT	BY	F.R.

PROJECT NAME
TERRA DEL ESTE
UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
 RANGE 13, COUNTY OF TARRANT,
 TEXAS AND ADJACENT LOTS,
 CONTAINING 140.866 ACRES

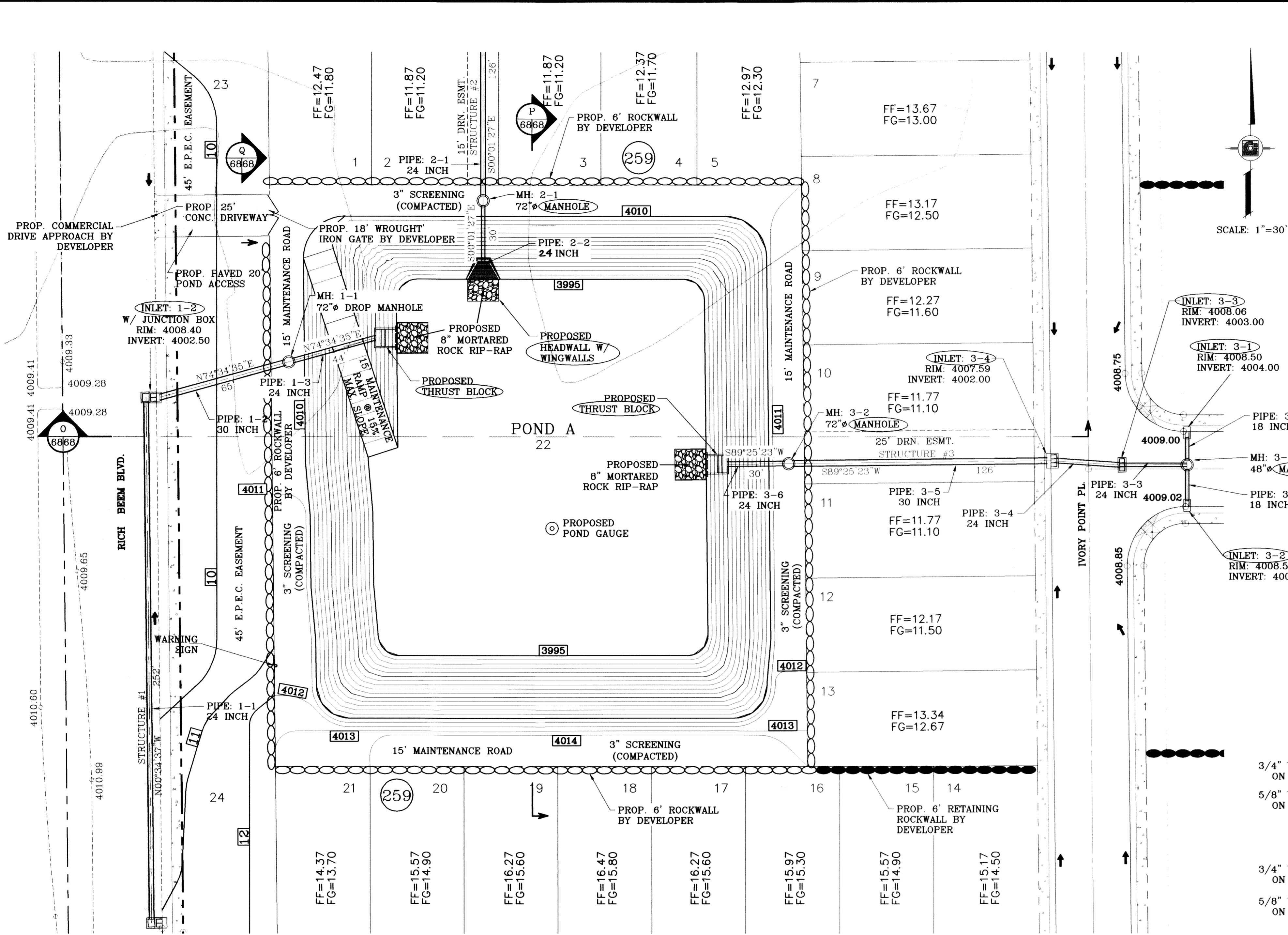
SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 308-81



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR., STE. 100
 EL PASO, TEXAS 79905
 (915) 592-0283



SHEET TITLE
STREET
PLAN-PROFILE
DECAMP POINT
PL.
 STA: 0+00
 TO
 STA: 6+48.51



LEGEND

- APPROXIMATE WARNING SIGN LOCATION
- PROPOSED ROCK WALL
- PROPOSED RETAINING WALL

ELEVATION FT	CONIC VOL. AC-FT	VOLUME CAP. AC-FT
4010.00	1.18	13.59
4009.00	1.14	12.40
4008.00	1.10	11.27
4007.00	1.06	10.17
4006.00	1.02	9.11
4005.00	0.98	8.10
4004.00	0.94	7.12
4003.00	0.90	6.18
4002.00	0.86	5.28
4001.00	0.82	4.42
4000.00	0.79	3.60
3999.00	0.75	2.81
3998.00	0.72	2.05
3997.00	0.68	1.34
3996.00	0.65	0.65
3995.00	0.62	0.00

WATERSHED - POND A

$Q = \frac{A R C}{12} = AC-FT$

POND CALC.

$Q = \frac{A R C}{12}$

A = TOTAL RUNOFF IN AC/FT. (100%)
 R = RAINFALL IN INCHES
 C = RUNOFF FACTOR

RESIDENTIAL = $\frac{33.95(4).59}{12} = 6.68$ ac-ft & POND
 TDE 56 = $\frac{3.04(4).90}{12} = 0.91$ ac-ft
 RICH BEEM BLVD.

25% EMERG. = 1.90 ac-ft
 SILT & DEBRIS
 $0.012 \times 37.00 = 0.44$ ac-ft

Qreq (TOTAL) = 9.93
 Qcap (TOTAL) = 12.40

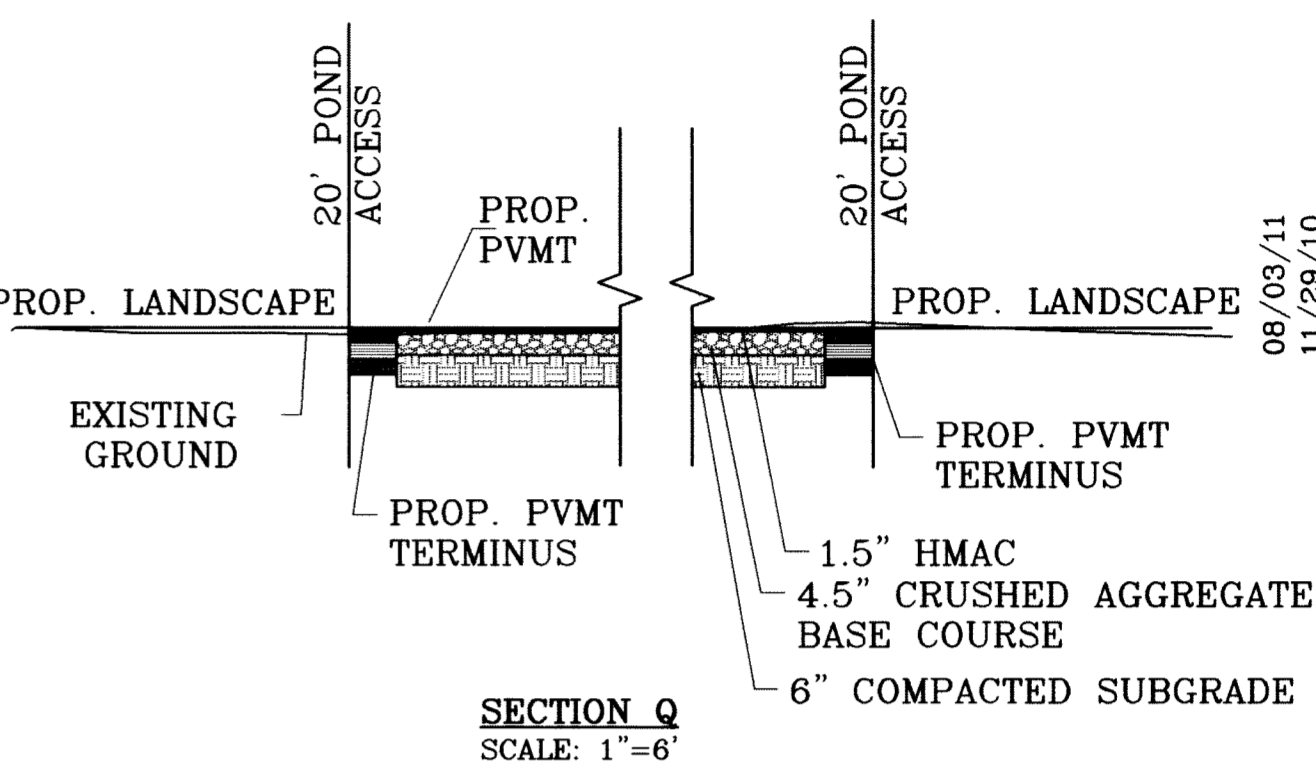
100 YR HW ELEV = 4004.50
 100 YR PONDED DEPTH = 4006.77

SEE SHEET 69 FOR WROUGHT IRON GATE DETAILS

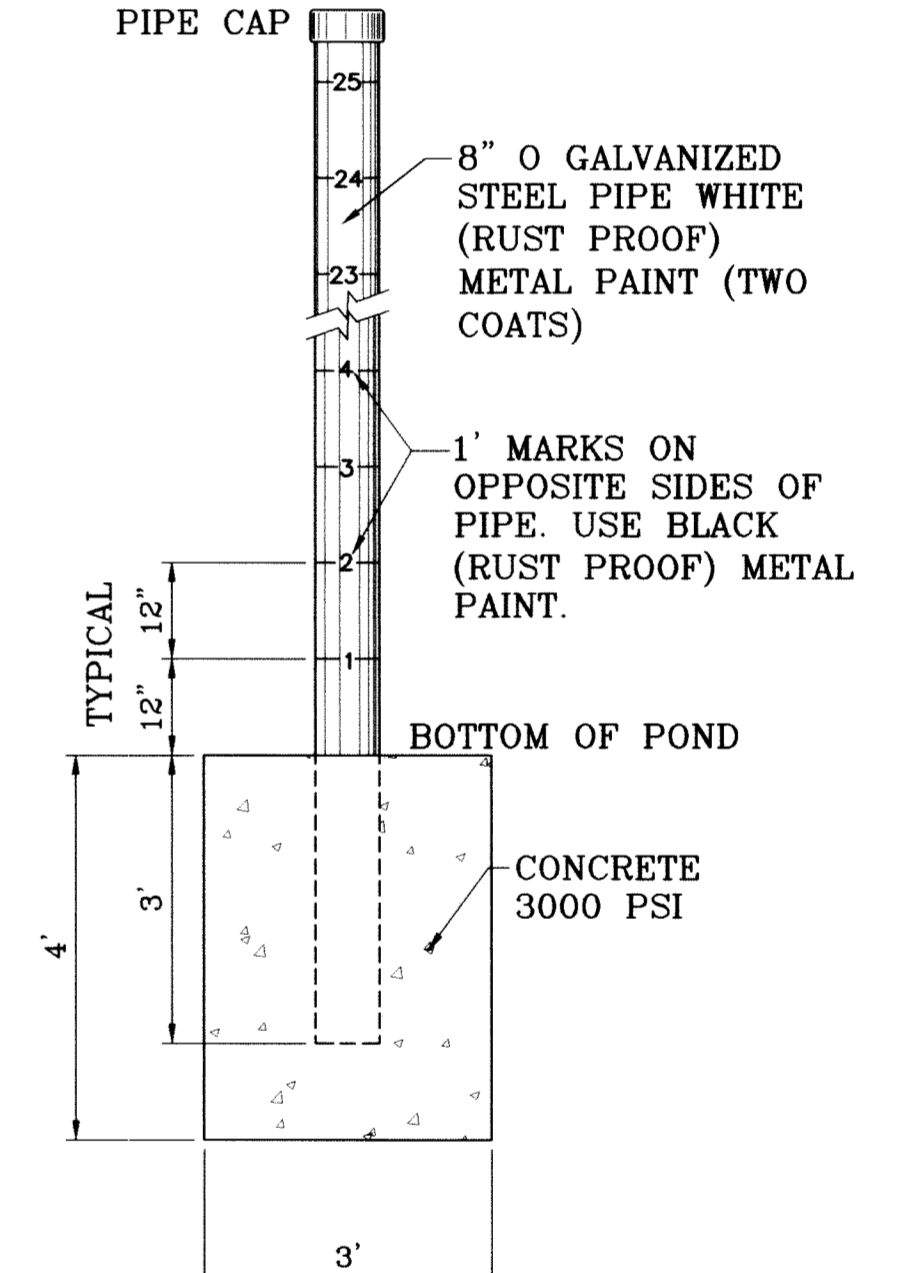
SEE SHEETS 72-73 FOR STRUCTURE #1, #2 & #3 DETAILS



WARNING SIGN DETAIL
SCALE: 1"=1'

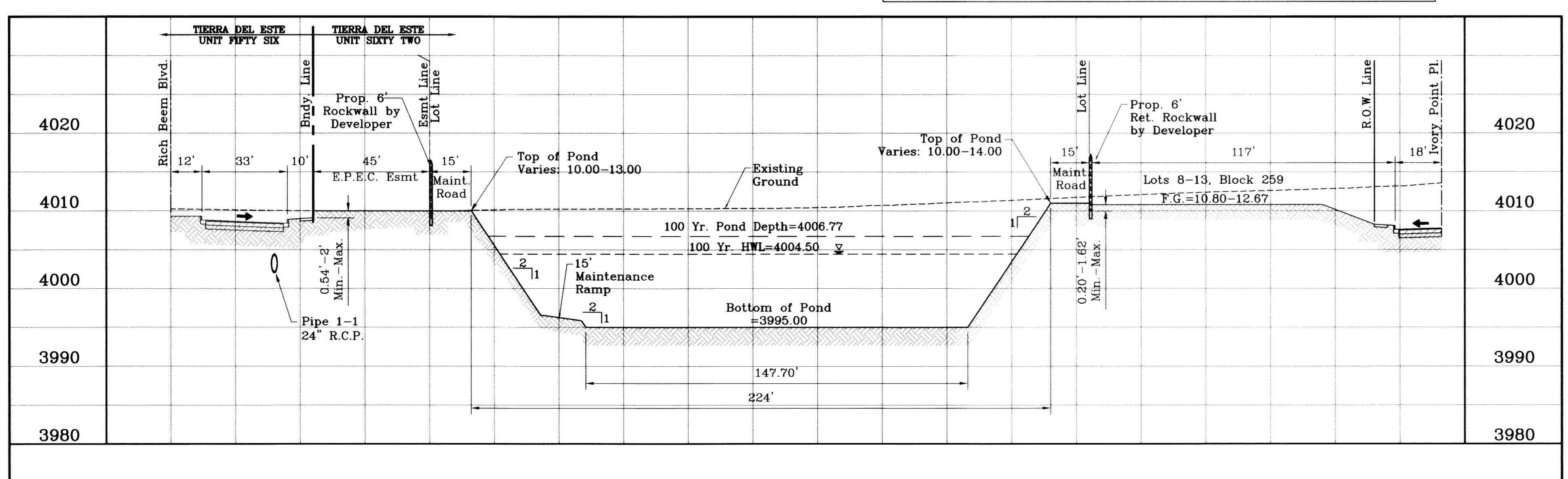


SECTION Q
SCALE: 1"=6'

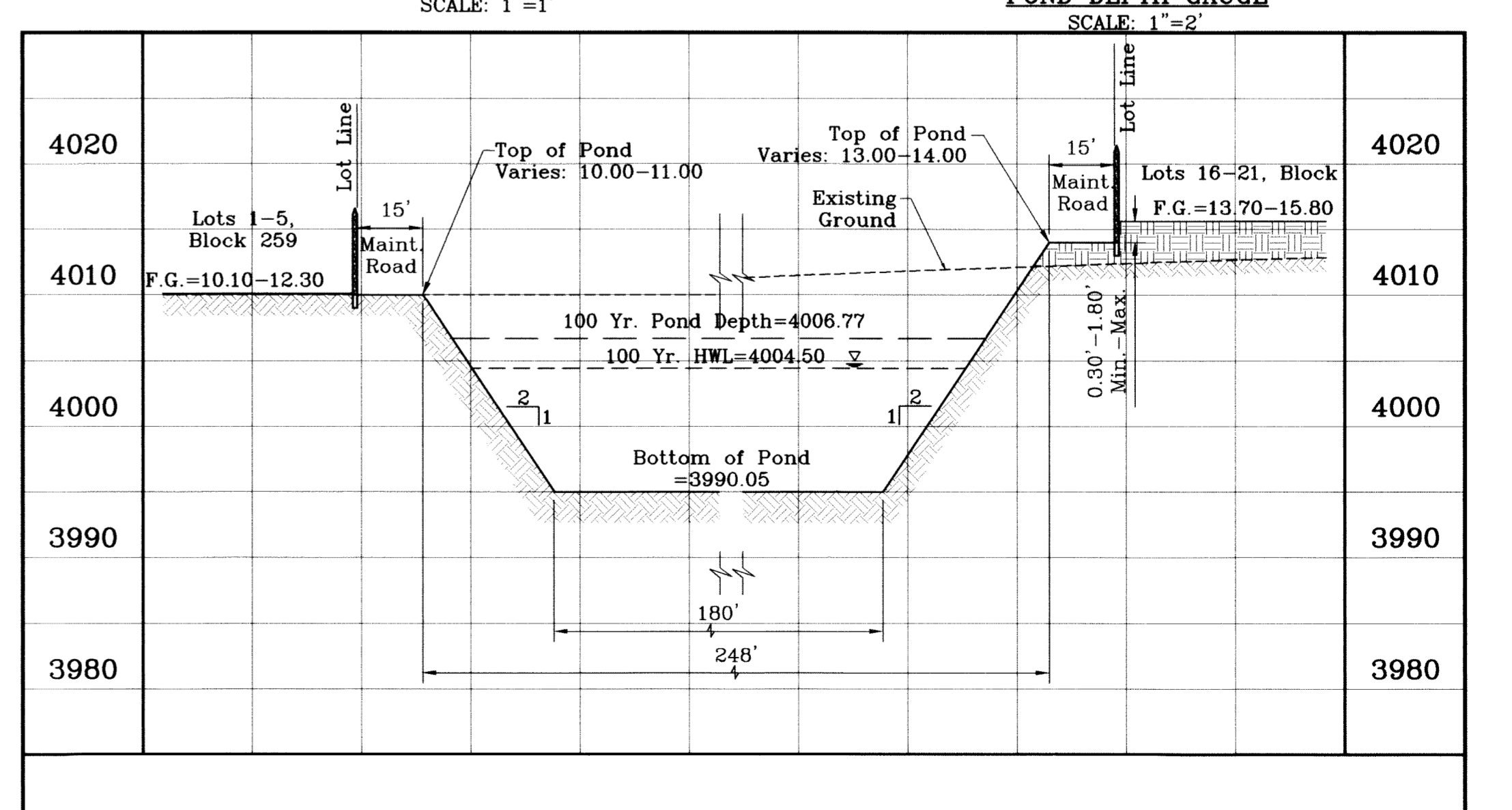


POND DEPTH GAUGE
SCALE: 1"=2'

○ DENOTES AS BUILT CONDITION ONLY



SECTION O
SCALE: 1"=30' HOR.
SCALE: 1"=10' VERT.



SECTION P
SCALE: 1"=30' HOR.
SCALE: 1"=10' VERT.

REVISIONS

DATE	REVISIONS	BY
10/14/09	CITY REDLINES AS PER 10/07/09 COMMENTS	E.F.G.
10/22/09	CITY REDLINES COMMENTS, REVISE STRUCTURE #3	E.F.G.
09/15/10	REVISED LOT LAYOUTS AS PER REVISED PLAT	R.R.

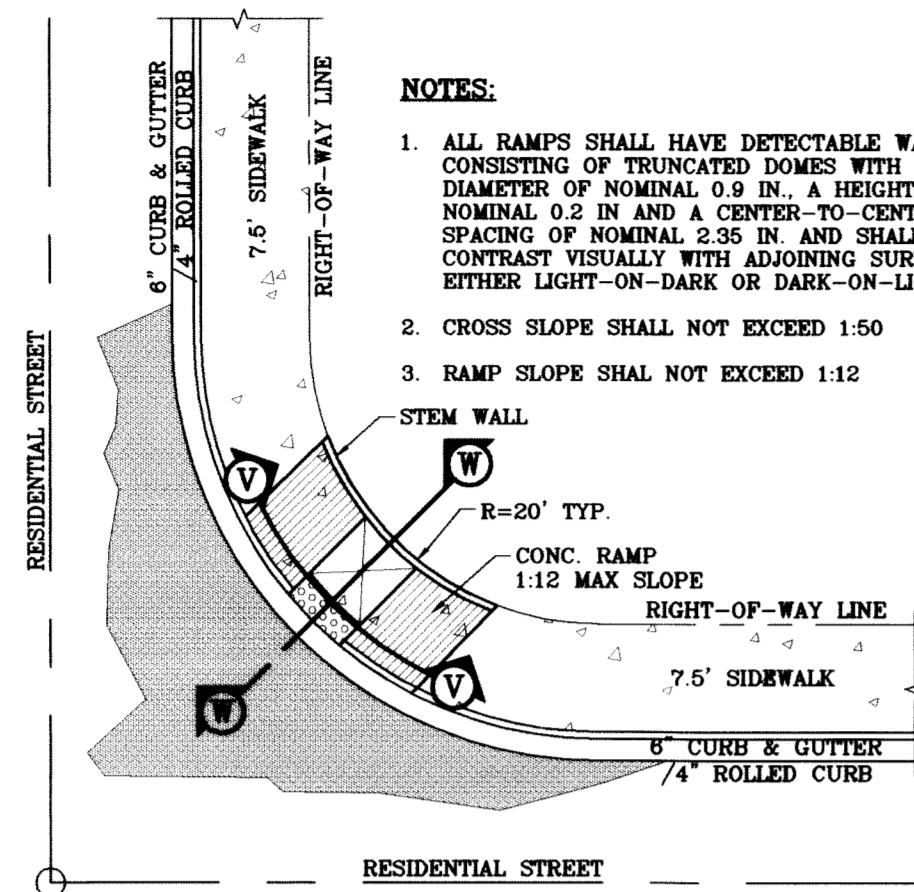
TERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

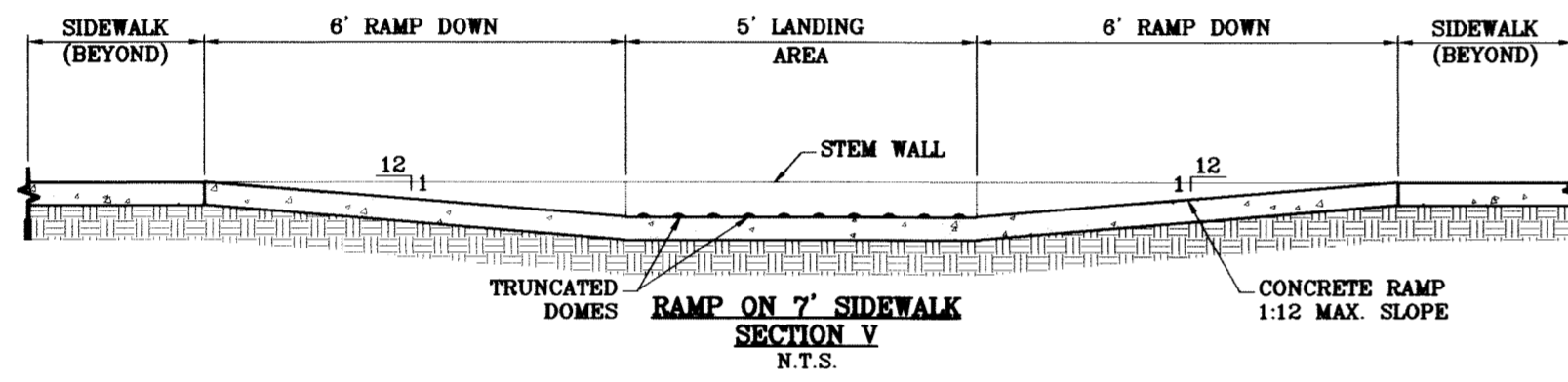
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-61

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6090 SURVEY DR. STE. 100
 EL PASO, TEXAS 79905
 (915) 592-0283

SEE SHEET 83 FOR MORE DETAILS



RAMP ON 7' SIDEWALK AT CURB & GUTTER/ROLLED CURB N.T.S.

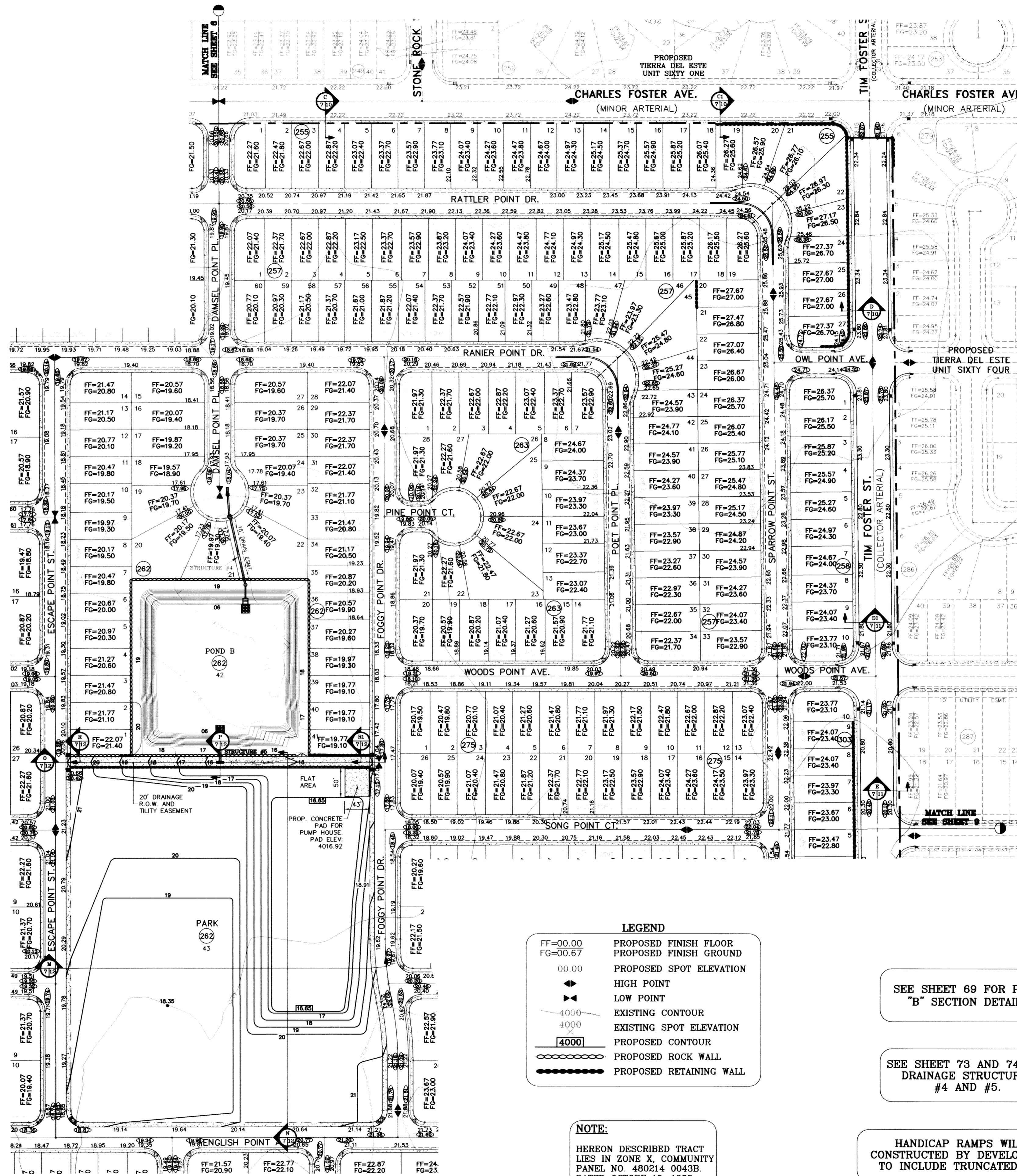


TYPICAL WHEELCHAIR RAMP AT 4" ROLLED CURB/6" CURB & GUTTER N.T.S.

CONSTRUCTION NOTES:

1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
5. RETAINING WALLS WILL BE REQUIRED WHERE THERE IS A GRADE DIFFERENCE OF 2 OR MORE FEET BETWEEN LOTS AND STREET. RETAINING WALL DESIGN AT TIME OF BUILDING PERMIT.
6. 85% COMPACTION REQUIRED ON CUTS & 95% COMPACTION REQUIRED ON FILLS.

- NOTES:**
1. ALL RAMPS SHALL HAVE DETECTABLE WARNINGS CONSISTING OF TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN., A HEIGHT OF NOMINAL 0.2 IN. AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 IN. AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES. EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.
 2. CROSS SLOPE SHALL NOT EXCEED 1:50
 3. RAMP SLOPE SHALL NOT EXCEED 1:12



LEGEND

FF=00.00	PROPOSED FINISH FLOOR
FG=00.67	PROPOSED FINISH GROUND
00.00	PROPOSED SPOT ELEVATION
▲	HIGH POINT
▼	LOW POINT
—4000	EXISTING CONTOUR
-4000	EXISTING SPOT ELEVATION
—4000	PROPOSED CONTOUR
—	PROPOSED ROCK WALL
—	PROPOSED RETAINING WALL

NOTE:
HEREON DESCRIBED TRACT LIES IN ZONE X, COMMUNITY PANEL NO. 480214 0043B. DATED OCTOBE 15, 1982.

SEE SHEET 69 FOR POND "B" SECTION DETAILS

SEE SHEET 73 AND 74 FOR DRAINAGE STRUCTURES #4 AND #5.

HANDICAP RAMPS WILL BE CONSTRUCTED BY DEVELOPER AND TO INCLUDE TRUNCATED DOMES

○ DENOTES AS BUILT CONDITION ONLY

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64	REVISIONS	BY
	DATE	CITY REDESIGN AS PER 10/07/09 COMMENTS E.F.G.
	10/14/09	CITY REDESIGN COMMENTS: REVISE PARK CONTOURS
	10/20/09	E.F.G.
	08/03/11	AS BUILT

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO

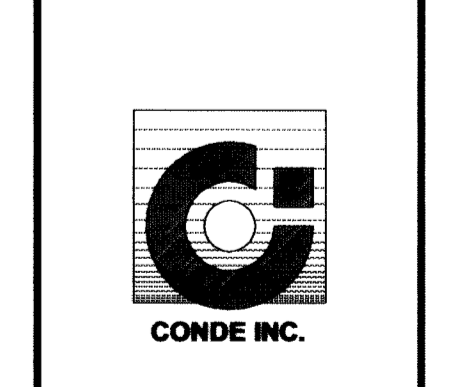
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, RANGE 13, COUNTY OF DALLAS, TEXAS AND PLAT COUNTY DEEDS, CONTAINING 140.962 ACRES

SCALE
HORIZ. 1"=100'
VERT. ---

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

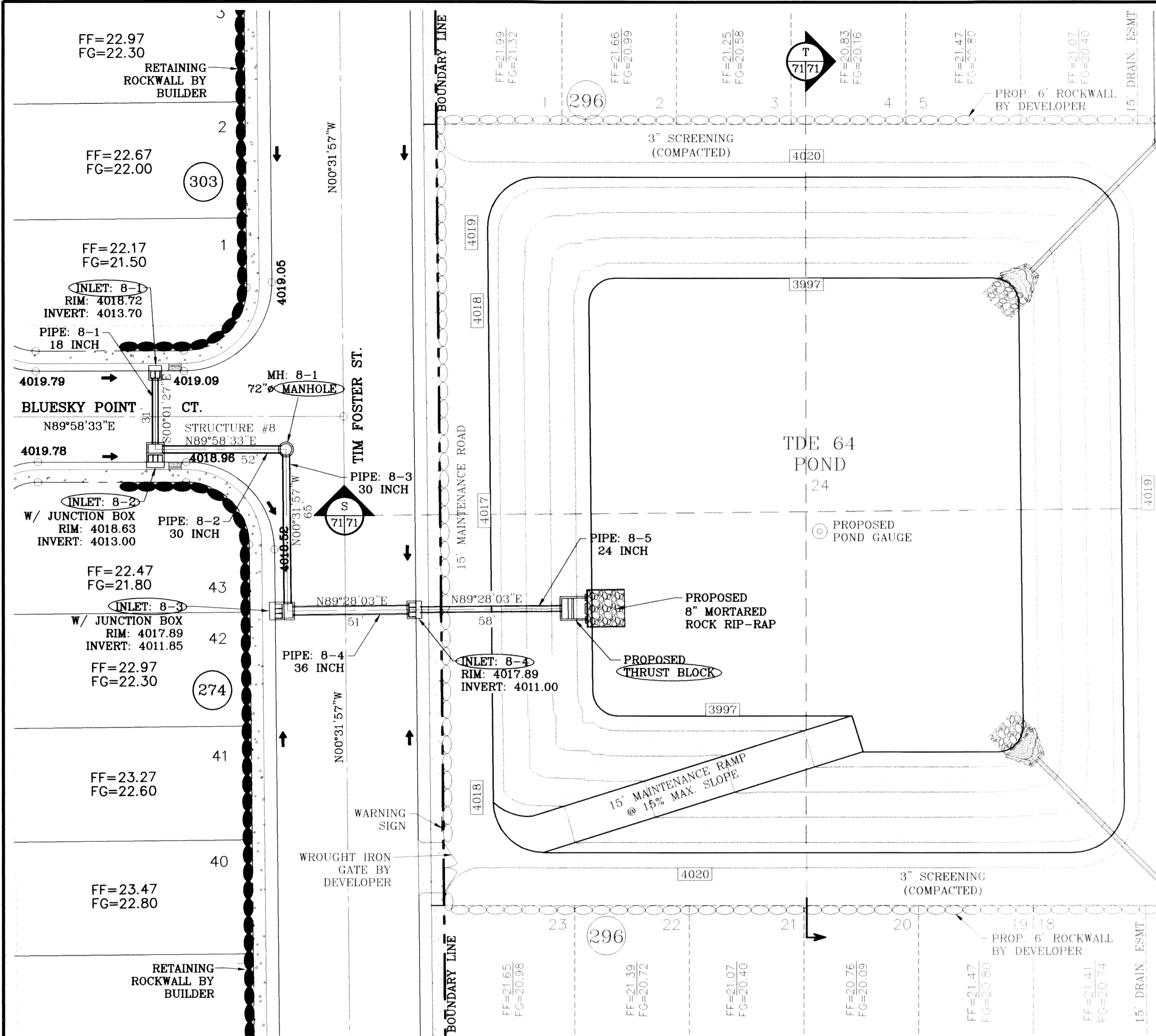
ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

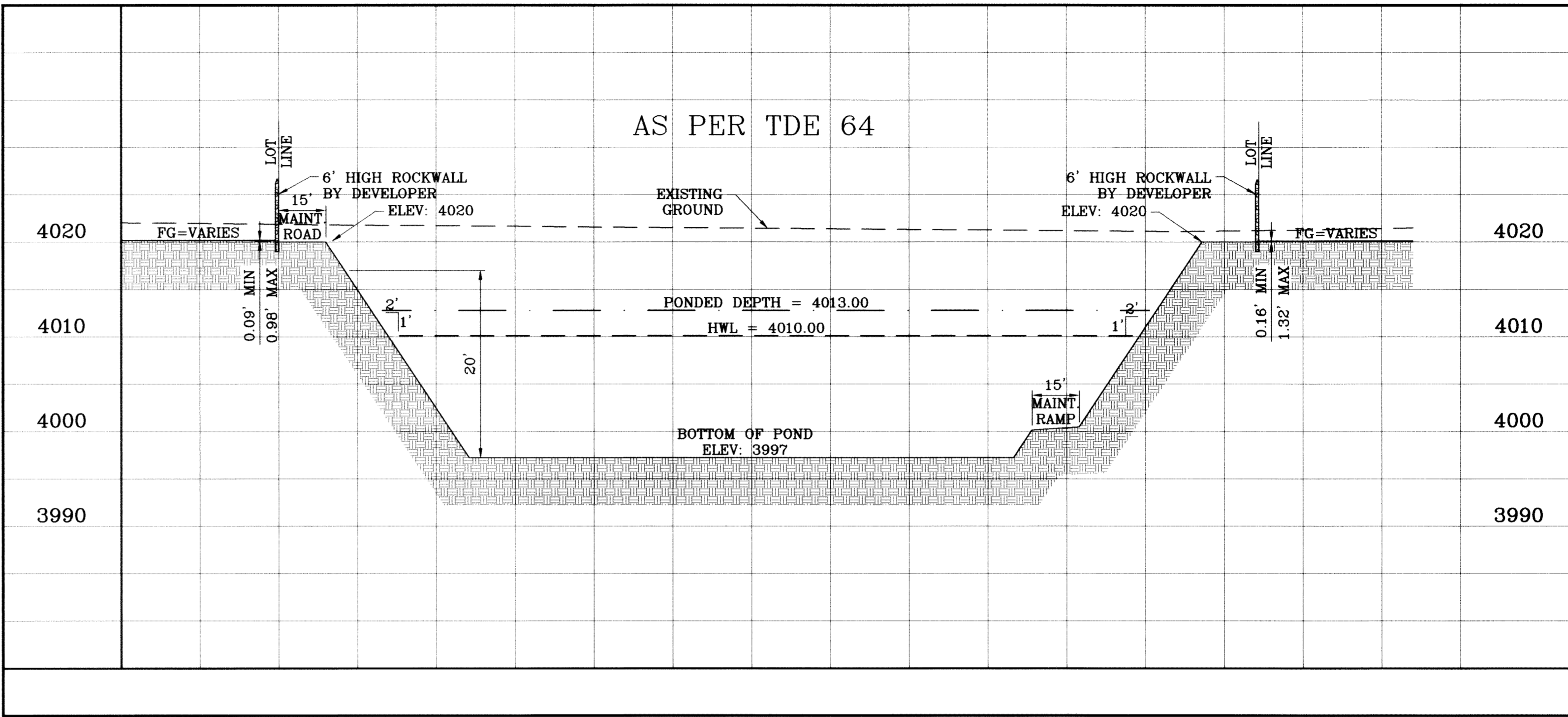


SHEET TITLE
GRADING PLAN

SHT 7 OF 88



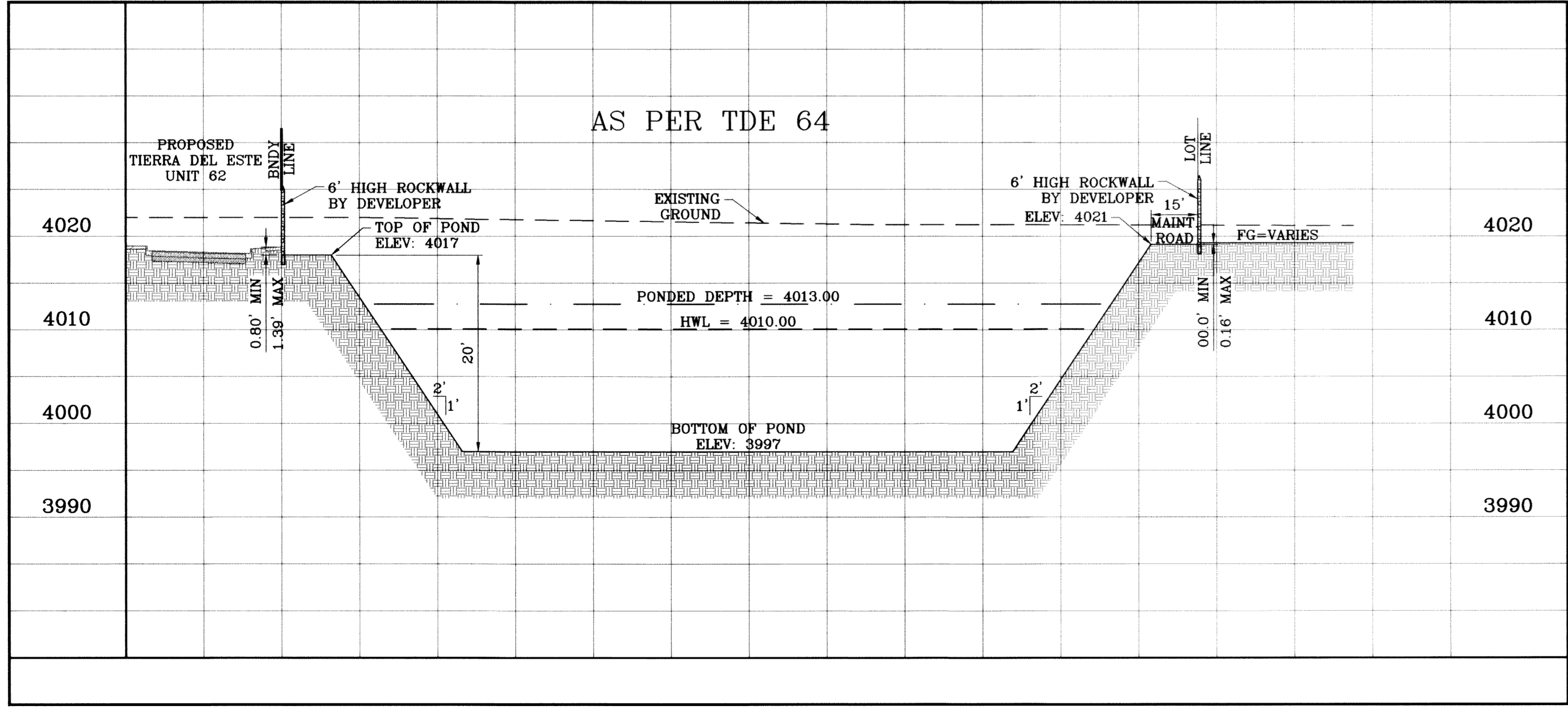
○ DENOTES AS BUILT CONDITION ONLY



SECTION T
SCALE: 1"=30' HOR.
SCALE: 1"=10' VERT.

LEGEND

- APPROXIMATE WARNING SIGN LOCATION
- PROPOSED ROCK WALL
- PROPOSED RETAINING WALL
- PROPOSED CHAINLINK FENCE



SECTION S
SCALE: 1"=30' HOR.
SCALE: 1"=10' VERT.

SEE SHEET 77 FOR
STRUCTURE #8 DETAILS

ELEVATION FT	CONIC VOL AC-FT	VOLUME CAP. AC-FT
4017.00	1.51	21.81
4016.00	1.46	20.31
4015.00	1.41	18.85
4014.00	1.36	17.44
4013.00	1.32	16.07
4012.00	1.27	14.75
4011.00	1.23	13.48
4010.00	1.18	12.25
4009.00	1.14	11.07
4008.00	1.10	9.93
4007.00	1.06	8.83
4006.00	1.02	7.77
4005.00	0.98	6.76
4004.00	0.94	5.78
4003.00	0.90	4.84
4002.00	0.86	3.94
4001.00	0.82	3.08
4000.00	0.79	2.26
3999.00	0.75	1.47
3998.00	0.72	0.72
3997.00	0.00	0.00

WATERSHED - POND

$Q = \frac{A R C}{12} = \text{AC-FT}$

POND CALC.

Q=ARC/12

A=TOTAL RUNOFF IN AC/FT.(100%)

R=RAINFALL IN INCHES

C=RUNOFF FACTOR

TDE 62 $\frac{22.42(4).60}{12} = 4.48 \text{ ac-ft}$

TDE 64 $\frac{30.06(4).60}{12} = 6.01 \text{ ac-ft}$

POND 2.09 AC = 0.92 ac-ft

MONTWOOD DR. 3.05 AC. = 0.42 ac-ft

TOTAL = 11.83 ac-ft

25% EMERG. = 2.96 ac-ft

SILT & DEBIRS = 0.67 ac-ft

Qreq (TOTAL) = 15.48

Qcap (TOTAL) = 20.31

100 YR HW ELEV = 4010.00

100 YR PONDED DEPTH = 4013.00

PROJECT NAME: TIERRA DEL ESTE UNIT SIXTY TWO
 S.C.A. 1"=30' HOR. 1"=10' VERT.
 DATE: SEPT. 2008
 DESIGN BY: YC
 INITIATED BY: EFG
 CHECKED BY: YC
 JOB NO.: 508-61

ENGINEER'S SEAL
 STATE OF TEXAS
 YVONNE CONDE CURRY
 64648
 REGISTERED PROFESSIONAL ENGINEER
 CIVIL

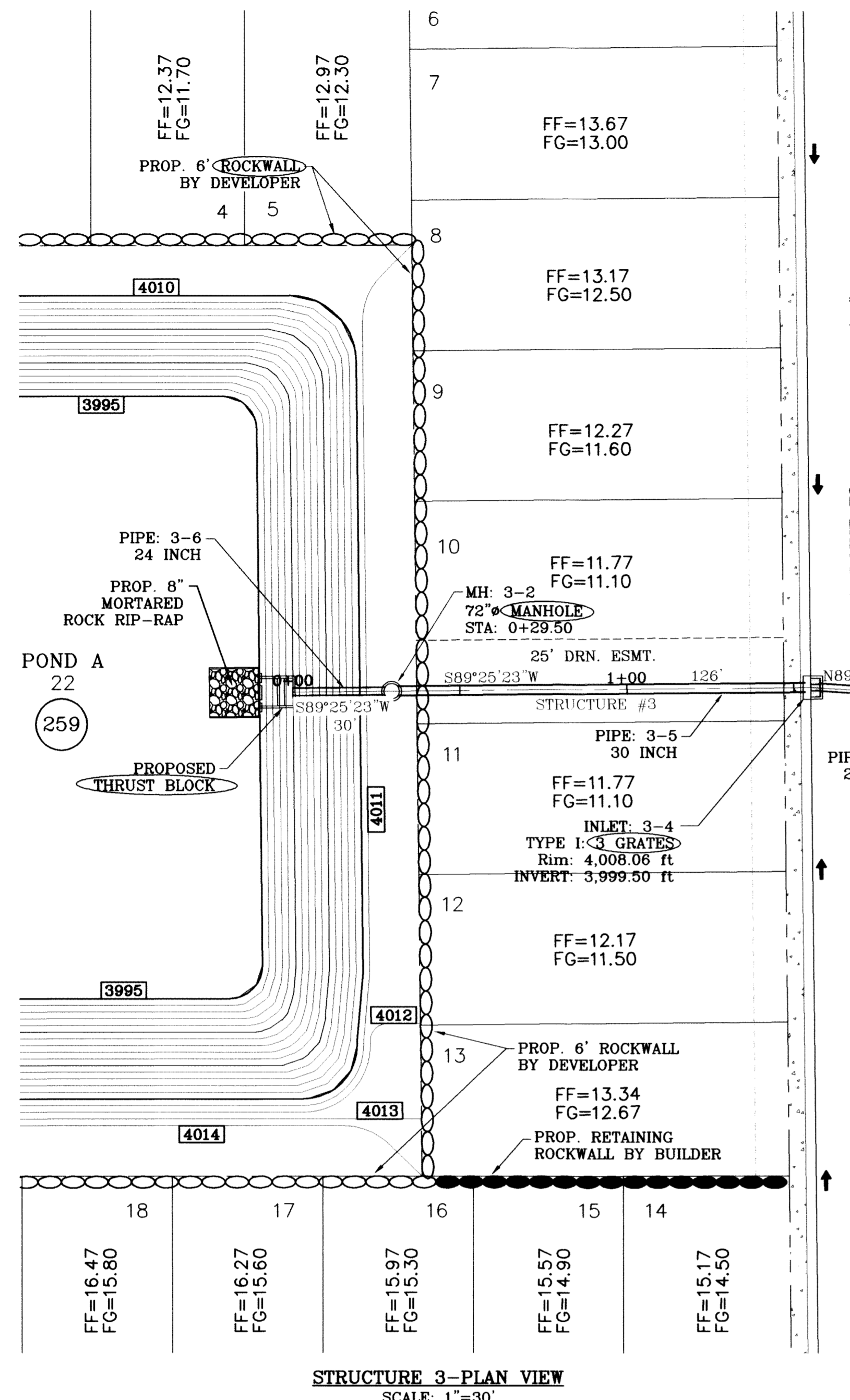
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR. STE. 100
 EL PASO, TEXAS 79905
 (915) 592-0283

SHEET TITLE: TDE 64 POND SECTIONS
 SHT 71 OF 88

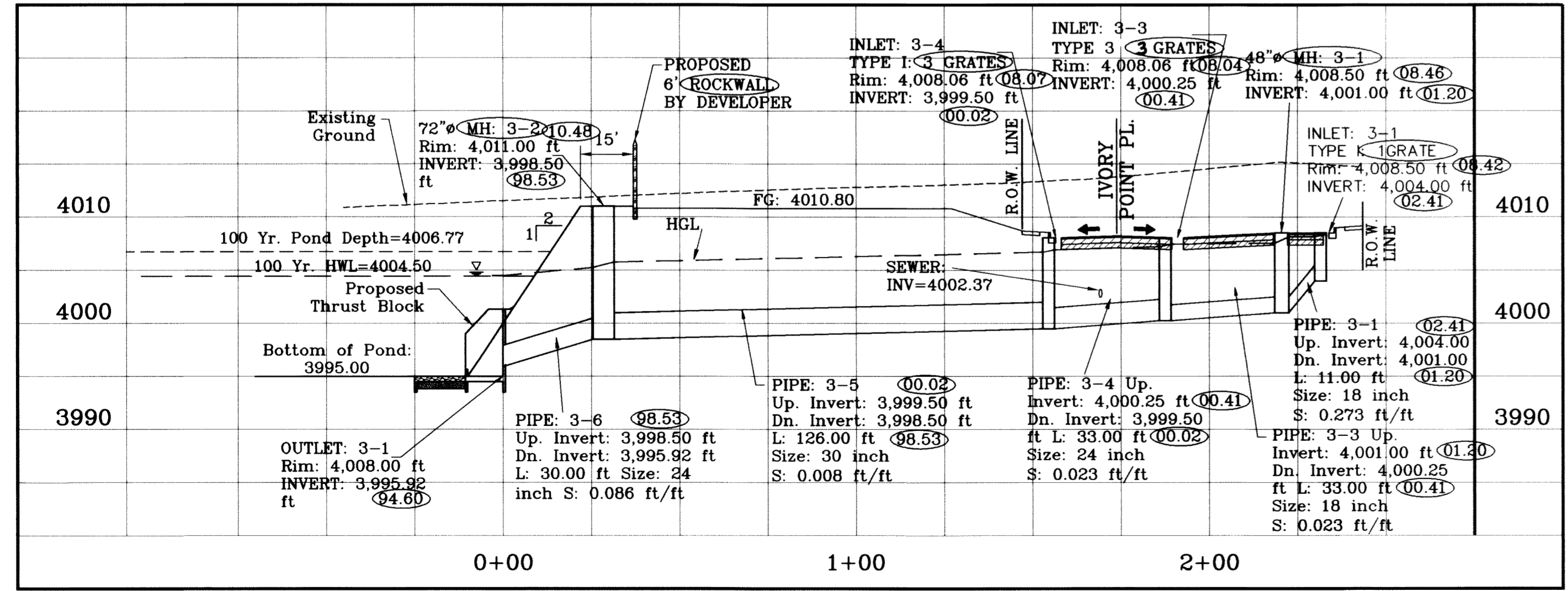
BENCHMARK: CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
 DATE: 08/03/11
 REVISIONS: AS BUILT
 BY: F.R.

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.982 ACRES

S:_Subdivisions\TDE 62-735-10\main\dwg\TDE62_POND.dwg, TDE 64 POND, 8/18/2011, 2:34:13 PM



* CHANGE IN STRUCTURE REQUIRED BY LOWERING DUE TO SANITARY SEWER CONFLICTS.



STRUCTURE 3-PROFILE
SCALE: 1"=10'

INLET DATA

INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
3-1	I	1	3.00	10.84
3-2	I	1	3.00	10.84
3-3	III	3	14.84	23.16
3-4	I	3	14.84	32.52
4-1	III	6	36.00	46.32
4-2	I	3	2.11	32.52

R.C.P. PIPE DATA

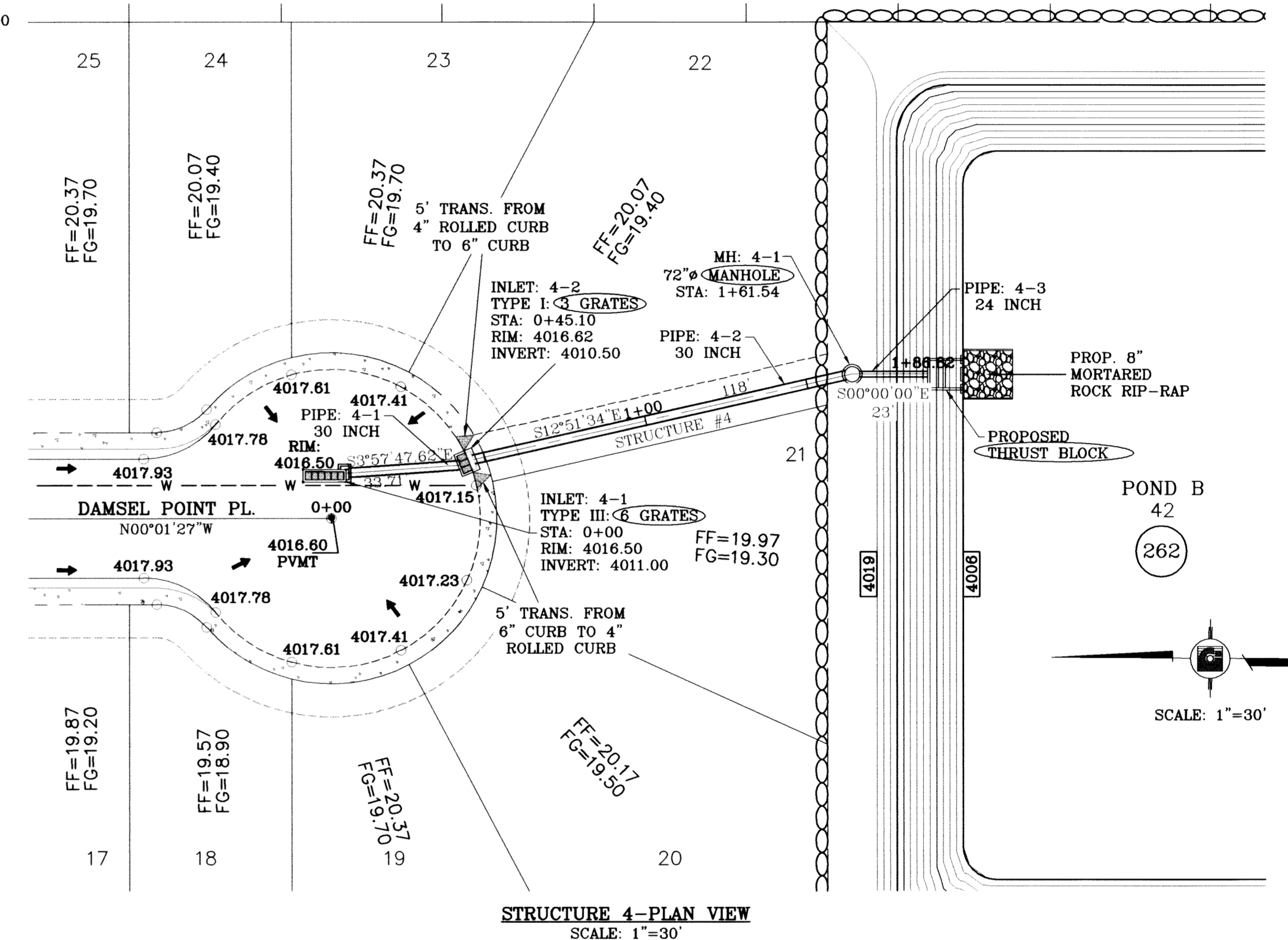
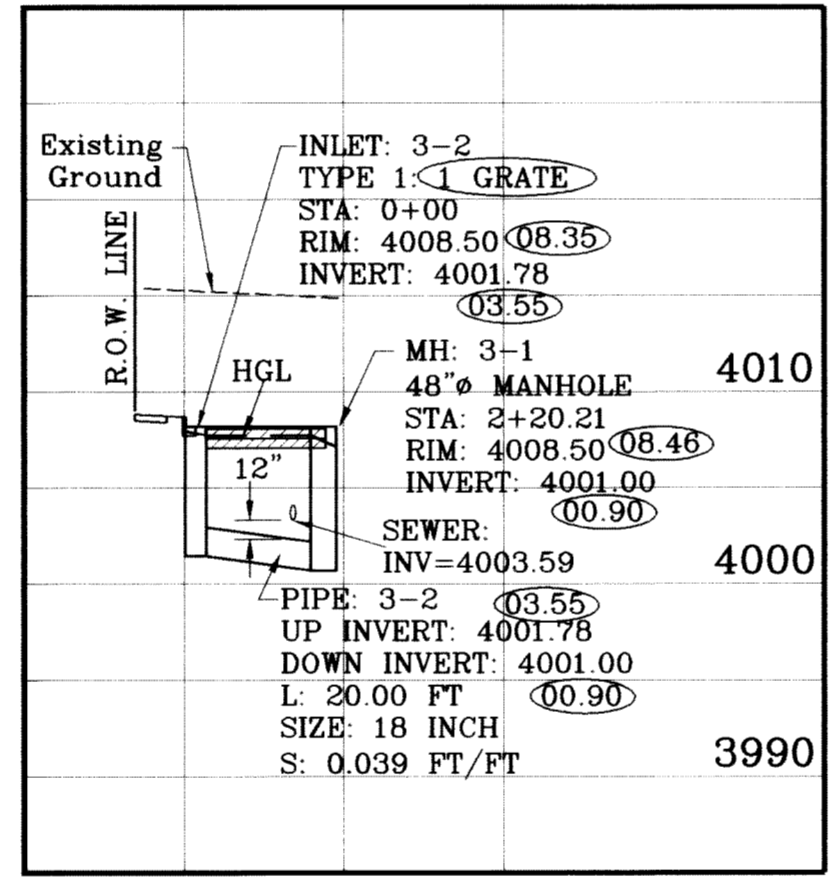
PIPE	SECTION SIZE (in)	LENGTH (ft)	CONSTRUCTED SLOPE (ft/ft)	DISCHARGE (cfs)	CAPACITY (cfs)	AVERAGE VELOCITY (fps)	DOWN STREAM GROUND	DOWN STREAM HGL	DOWN STREAM INVERT	UPSTREAM GROUND	UPSTREAM HGL	UPSTREAM INVERT
3-1	18	11.00	0.273	3	54.85	1.7	4008.50	4008.15	4001.00	4008.50	4008.16	4004.00
3-2	18	20.00	0.039	3	20.74	1.7	4008.50	4008.15	4001.00	4008.50	4008.16	4001.78
3-3	18	33.00	0.023	6	15.84	3.4	4008.06	4007.44	4000.25	4008.50	4007.55	4001.00
3-4	24	33.00	0.023	20.84	34.1	6.63	4008.06	4006.93	3999.50	4008.06	4007.21	4000.25
3-5	30	126.00	0.008	35.68	36.54	7.27	4011.00	4005.75	3998.50	4008.06	4006.70	3999.50
3-6	24	30.00	0.086	35.68	66.34	11.36	4008.00	4004.50	3995.92	4011.00	4005.25	3998.50
4-1	30	33.71	0.015	36.00	49.95	7.33	4016.62	4014.61	4010.50	4016.50	4014.93	4011.00
4-2	30	118.00	0.010	38.11	41.36	7.76	4019.00	4013.36	4009.30	4016.62	4014.38	4010.50
4-3	24	23.00	0.105	38.11	73.23	12.13	4017.00	4012.11	4006.89	4019.00	4012.76	4009.30

- CONSTRUCTION NOTES:
- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI UNLESS OTHERWISE NOTED.
 - MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
 - 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
 - REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.

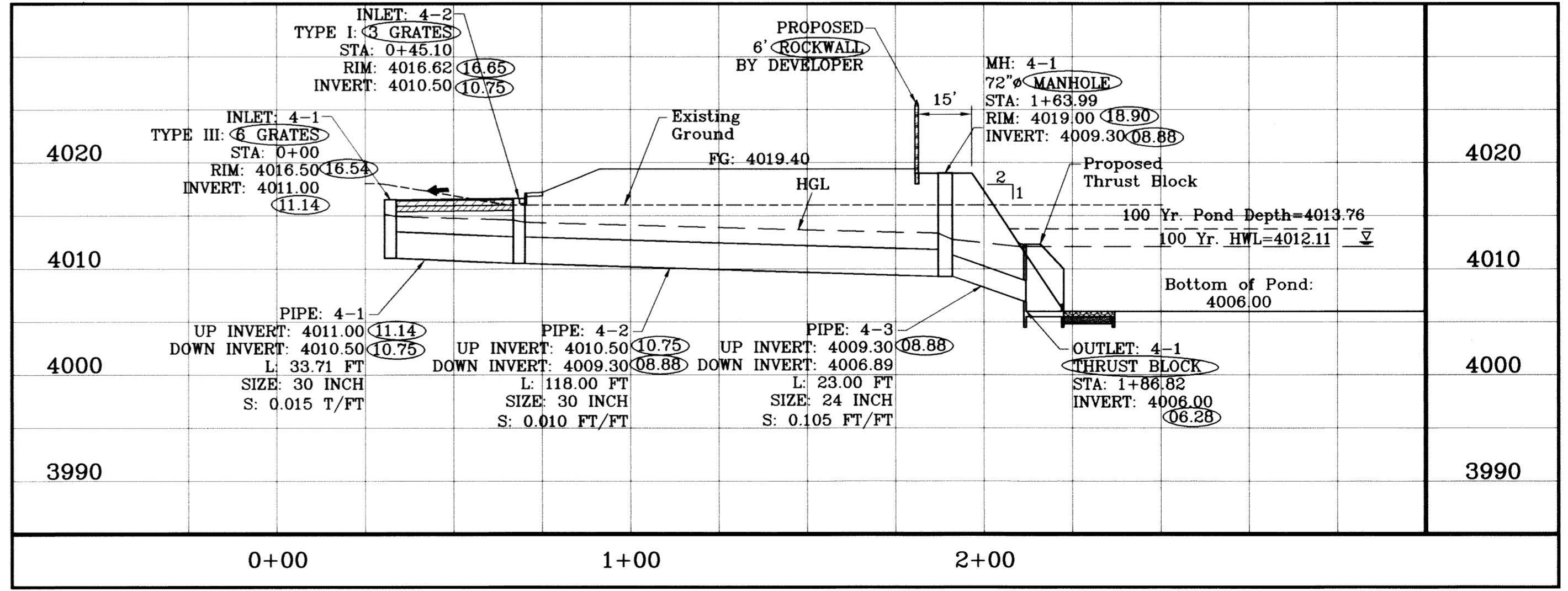
ALL PIPES ARE R.C.P. CLASS III "O" TYPE UNLESS OTHERWISE NOTED.

SEE SHEET 74 FOR INLET 3-2 & PIPE 3-2 DETAILS

ENLARGED PLAN VIEW
SCALE: 1"=4'



STRUCTURE 4-PLAN VIEW
SCALE: 1"=30'



STRUCTURE 4-PROFILE
SCALE: 1"=10'

REVISIONS

DATE	REVISIONS
10/15/09	CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G.
10/22/09	CITY REDLINES AS PER 10/07/09 COMMENTS E.F.G.
07/15/10	LOWERED STRUC. 3 FOR SEWER
08/05/10	STRUCTURE REVISION AS PER E.P.U. REQUEST R.R.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.866 ACRES

ENGINEER'S SEAL
S C A L E
HORIZ: 1"=90'
VERT: 1"=10'
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
8080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
DRAINAGE STRUCTURES 3 & 4

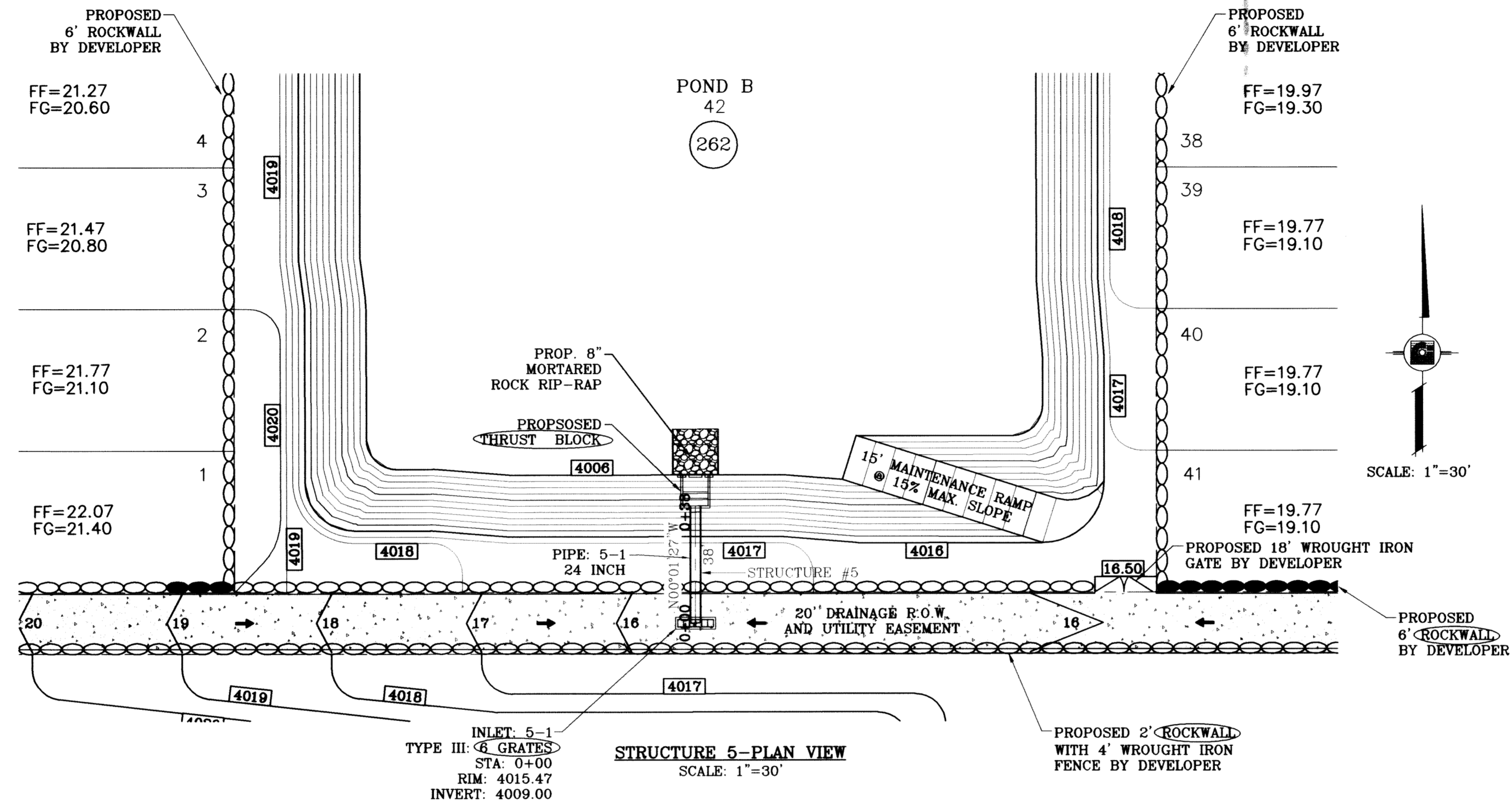
R.C.P. PIPE DATA

PIPE	SECTION	LENGTH	CONSTRUCTED	DISCHARGE	CAPACITY	AVERAGE	DOWN	DOWN	DOWN	UPSTREAM	UPSTREAM	UPSTREAM
5-1	24	38.00	SLOPE	(cfs)	(cfs)	VELOCITY	STREAM	STREAM	STREAM	HGL	HGL	INVERT
	(in)	(ft)	(ft/ft)			(fps)	GROUND	HGL	INVERT			
5-1	24	38.00	0.053	36.18	51.90	11.52	4015.00	4012.11	4007.00	4015.47	4013.08	4009.00

INLET DATA

INLET	INLET	No.	Qd	Qc
No.	TYPE	GRATES	cfs	cfs
5-1	III	6	36.18	46.32

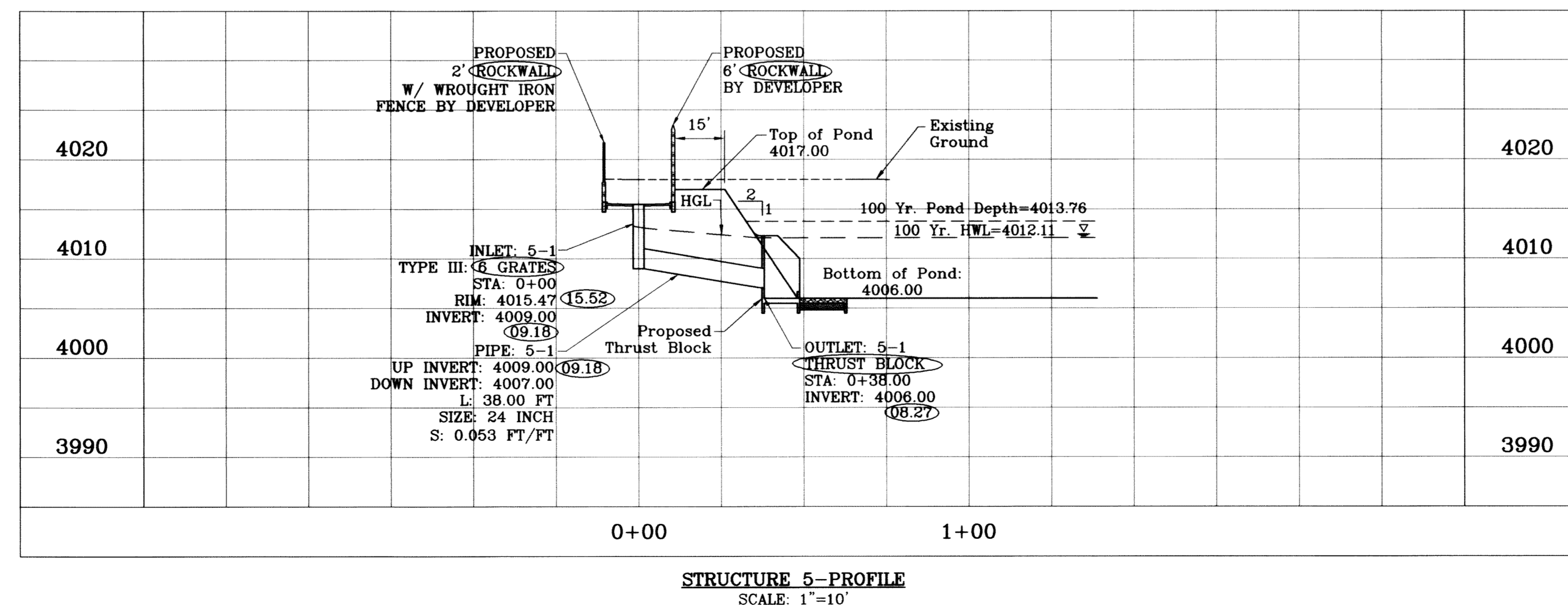
ALL PIPES ARE R.C.P. CLASS III
"O" TYPE UNLESS OTHERWISE NOTED.



- CONSTRUCTION NOTES:**
- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI UNLESS OTHERWISE NOTED.
 - MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
 - 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
 - REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.

SEE SHEET 73 FOR
INLET 3-2 & PIPE 3-2
PLAN LOCATION

○ DENOTES AS BUILT CONDITION ONLY



BENCHMARK

DATE	REVISIONS	BY
10/15/09	CITY REDLINES AS PER 10/07/09 COMMENTS	E.F.G.
10/20/09	CITY REDLINES AS PER 10/20/09 COMMENTS	E.F.G.
08/01/11	AS BUILT	F.R.

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS CONTAINING 140.962 ACRES

SCALE
HORIZ: 1"=90'
VERT: 1"=10'

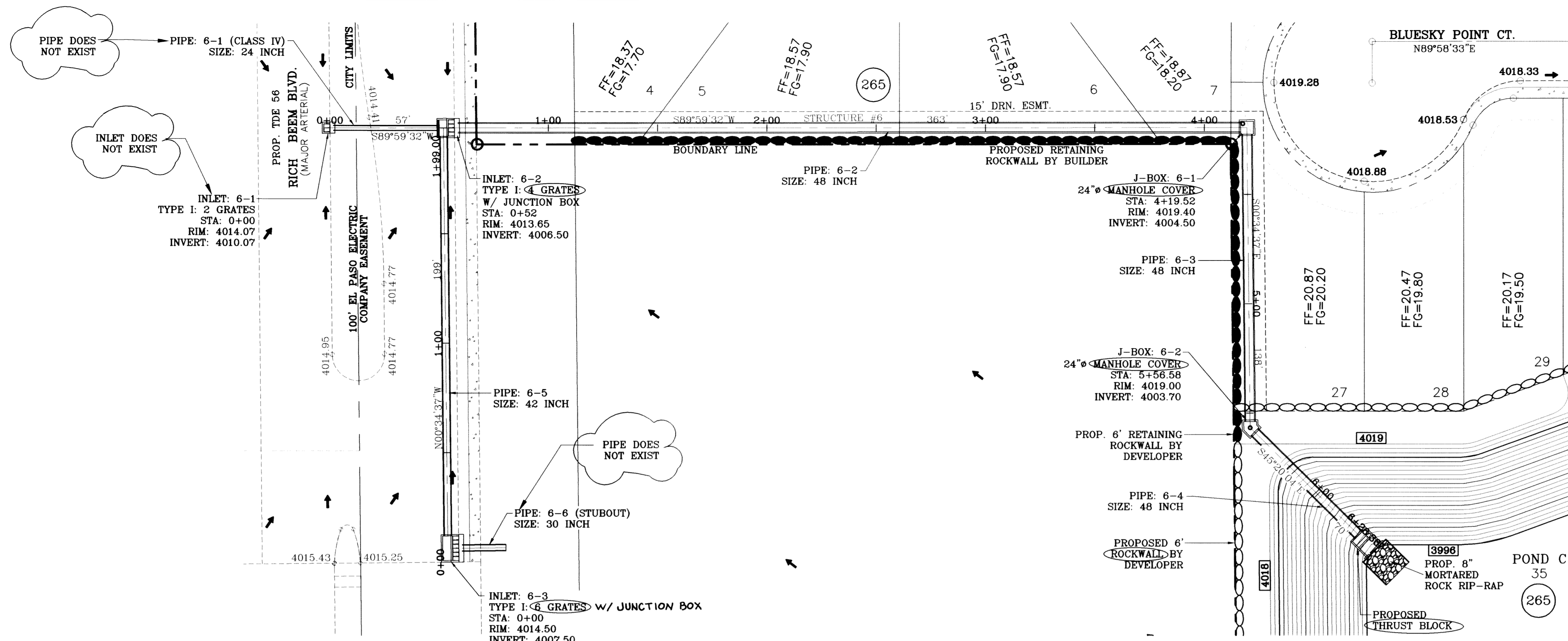
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

ENGINEER'S SEAL
STATE OF TEXAS
WILLIAM EDWARD CURRY
64248
Professional Engineer
Civil Engineering

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

REGISTRATION No. F-2321

SHEET TITLE
DRAINAGE STRUCTURE 5



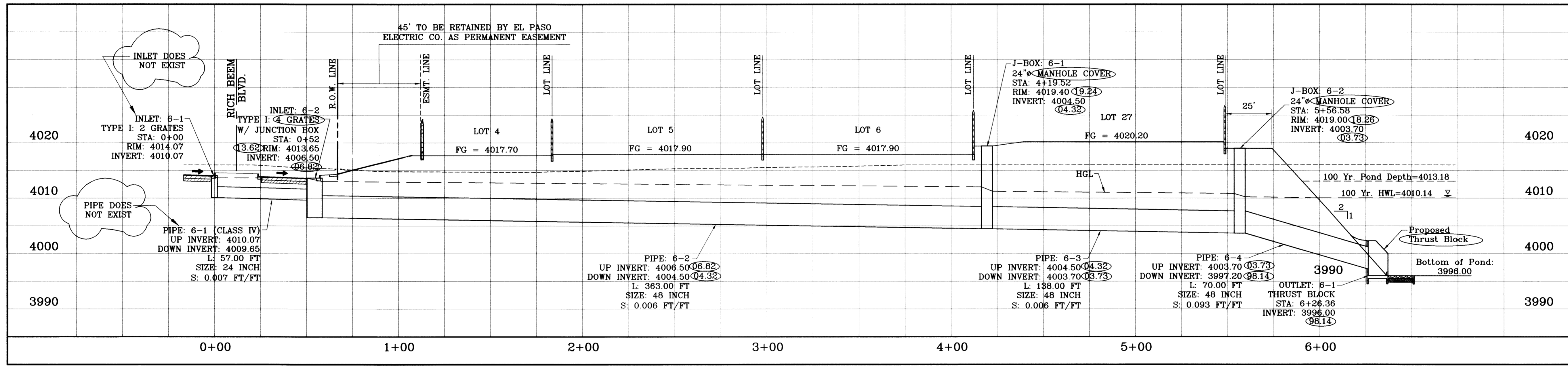
STRUCTURE 6-PLAN VIEW
SCALE: 1"=30'

- CONSTRUCTION NOTES:**
1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
 2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
 3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
 4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.

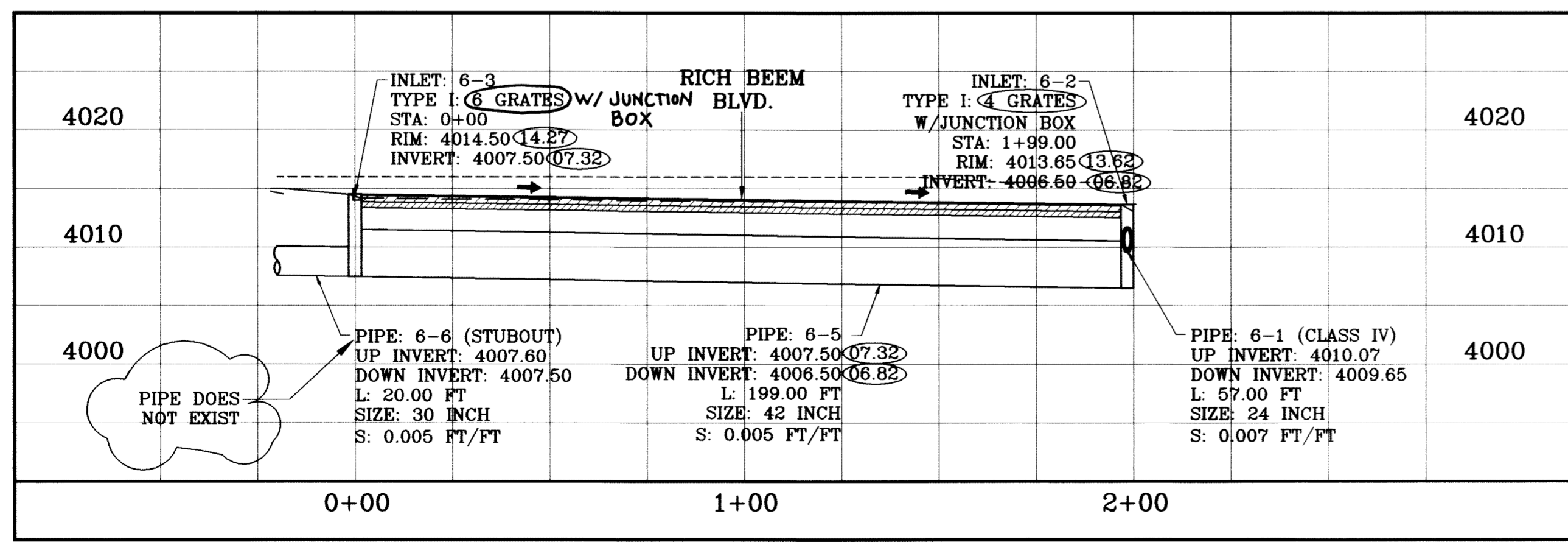
ALL PIPES ARE R.C.P. CLASS III "O" TYPE UNLESS OTHERWISE NOTED.

SEE SHEETS 78-79 FOR INLET 6-2, JBOX 6-1 & 6-2 DETAILS

SCALE: 1"=30'



STRUCTURE 6-PROFILE
SCALE: 1"=10'



STRUCTURE 6-PROFILE
SCALE: 1"=10'

○ DENOTES AS BUILT CONDITION ONLY

R.C.P. PIPE DATA

PIPE	SECTION SIZE (in)	LENGTH (ft)	CONSTRUCTED SLOPE (ft/ft)	DISCHARGE (cfs)	CAPACITY (cfs)	AVERAGE VELOCITY (fps)	DOWN STREAM GROUND	DOWN STREAM HGL	DOWN STREAM INVERT	UPSTREAM GROUND	UPSTREAM HGL	UPSTREAM INVERT
6-1	24	57.00	0.007	6.66	19.42	2.12	4013.65	4013.65	4009.65	4014.07	4013.70	4010.07
6-2	48	363.00	0.006	73.78	106.62	5.87	4019.40	4012.09	4004.50	4013.65	4013.05	4006.50
6-3	48	138.00	0.006	73.78	109.36	5.87	4019.00	4010.92	4003.70	4019.40	4011.29	4004.50
6-4	48	70.00	0.093	73.78	437.69	5.87	4011.00	4010.14	3997.20	4019.00	4010.32	4003.70
6-5	42	199.00	0.005	52.16	71.32	5.42	4013.65	4013.65	4006.50	4014.50	4014.18	4007.50
6-6	30	20.00	0.005	20.16	29.00	4.11	4014.50	4014.50	4007.50	4015.00	4014.55	4007.60

INLET DATA

INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
6-1	1	2	6.66	21.68
6-2	1	4	14.96	43.36
6-3	1	6	32.00	65.04
* 6-4	STUBOUT	-	20.16	29.00

* FOR FUTURE DESIGN PURPOSES ONLY.
INLET TO BE BUILT BY FUTURE COMMERCIAL CONTRACTOR.

REVISIONS

DATE	REVISIONS	BY
10/15/09	CITY REDLINES AS PER 10/07/09 COMMENTS	E.F.G.
08/27/10	REVISE MEDIAN OPENINGS	E.F.G.
08/01/11	AS BUILT	F.R.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

ENGINEER'S SEAL

SCALE
HORIZ: 1"=30'
VERT: 1"=10'

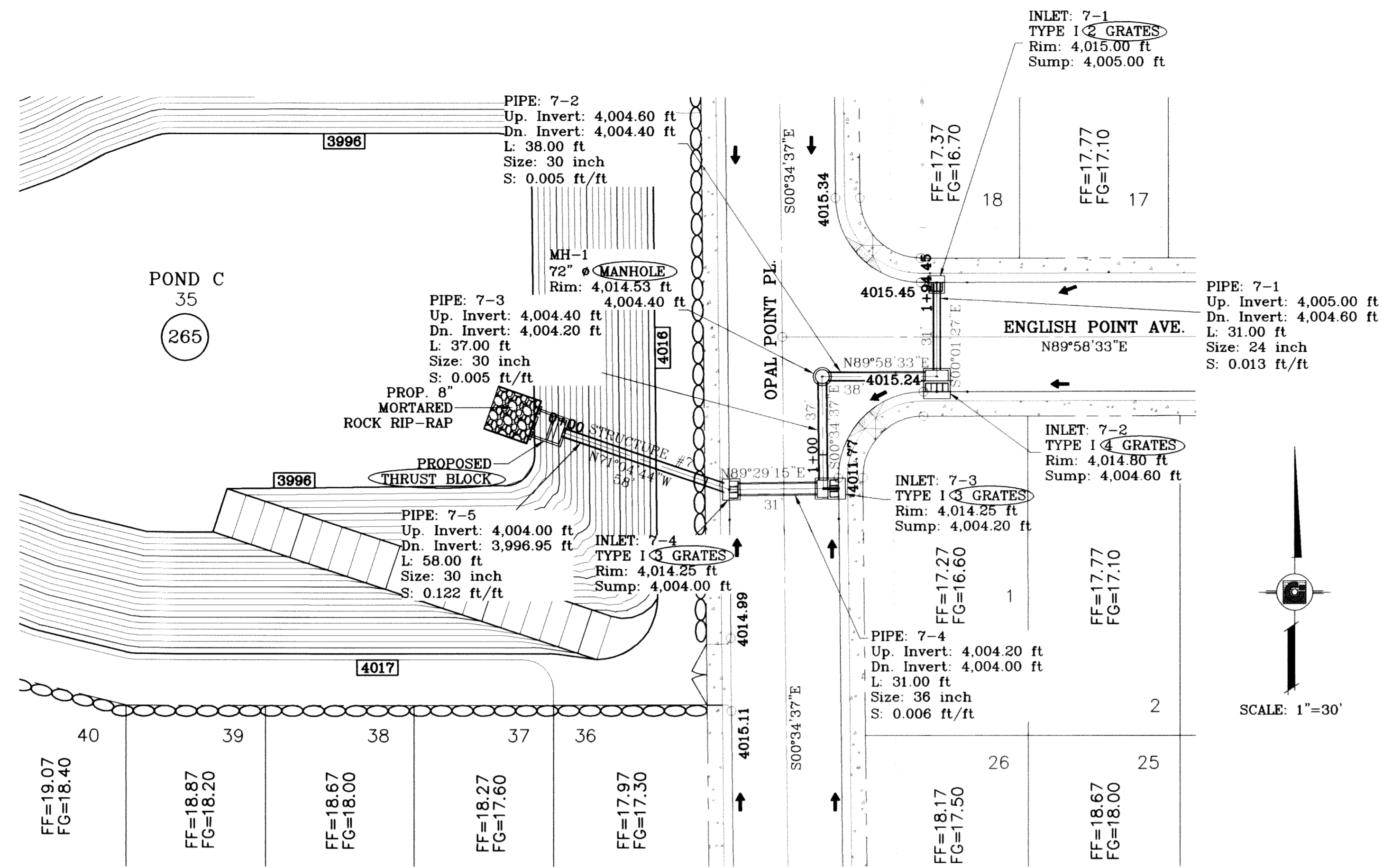
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 508-81

CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

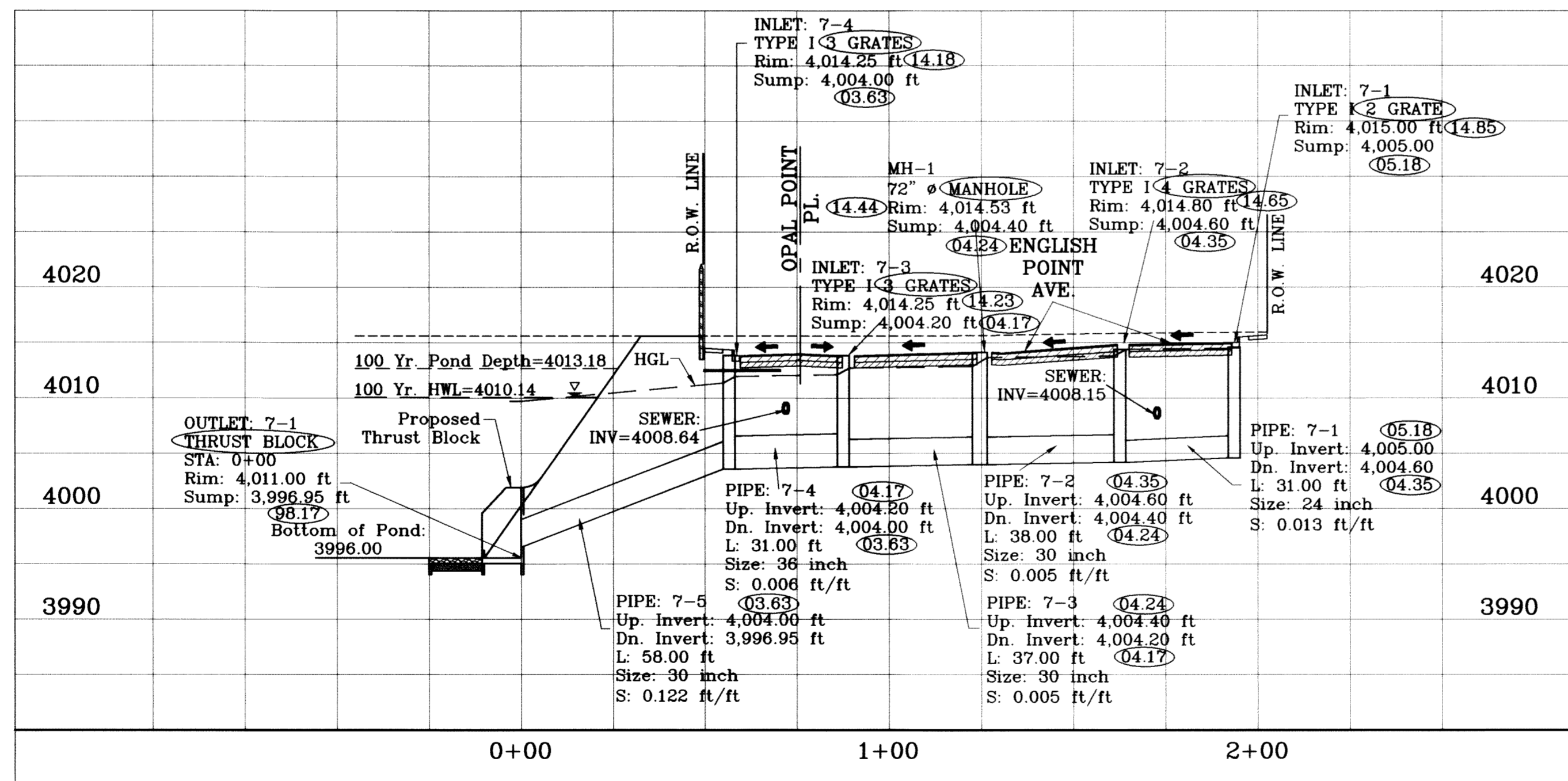
REGISTRATION No. F-2321

SHEET TITLE
DRAINAGE STRUCTURE 6



STRUCTURE 7-PLAN VIEW
SCALE: 1"=30'

• CHANGE IN STRUCTURE REQUIRED BY LOWERING DUE TO SANITARY SEWER CONFLICTS.



STRUCTURE 7-PROFILE
SCALE: 1"=10'

○ DENOTES AS BUILT CONDITION ONLY

R.C.P. PIPE DATA

PIPE	SECTION SIZE (in)	LENGTH (ft)	CONSTRUCTED SLOPE (ft/ft)	DISCHARGE (cfs)	CAPACITY (cfs)	AVERAGE VELOCITY (fps)	DOWN STREAM GROUND	DOWN STREAM HGL	DOWN STREAM INVERT	UPSTREAM GROUND	UPSTREAM HGL	UPSTREAM INVERT
7-1	24	31.00	0.013	10.00	25.70	3.18	4014.80	4014.80	4004.60	4015.00	4014.86	4005.00
7-2	30	38.00	0.005	25.00	29.76	5.09	4014.53	4014.06	4004.40	4014.80	4014.20	4004.60
7-3	30	37.00	0.005	25.00	30.15	5.09	4014.25	4013.12	4004.20	4014.53	4013.26	4004.40
7-4	36	31.00	0.006	46.88	53.57	6.63	4014.25	4012.37	4004.00	4014.25	4012.52	4004.20
7-5	30	58.00	0.122	68.76	143.00	14.01	4011.00	4010.14	3996.95	4014.25	4011.77	4004.00

INLET DATA

INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
7-1	I	2	10.00	21.68
7-2	I	4	22.8	43.36
7-3	I	3	17.98	35.52
7-4	I	3	17.98	35.52

ALL PIPES ARE R.C.P. CLASS III "O" TYPE UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES:

- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI UNLESS OTHERWISE NOTED.
- MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
- 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
- REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.

SEE SHEET 79 FOR INLET 7-2 & 7-3 W/ JUNCTION BOX DETAILS

BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
DATE 10/15/09
REVISIONS
10/15/09 CITY REDELINES AS PER 10/07/08 COMMENTS E.F.G.
07-20-10 LOWERED STRUCTURE FOR SEWER
08/01/11 AS BUILT

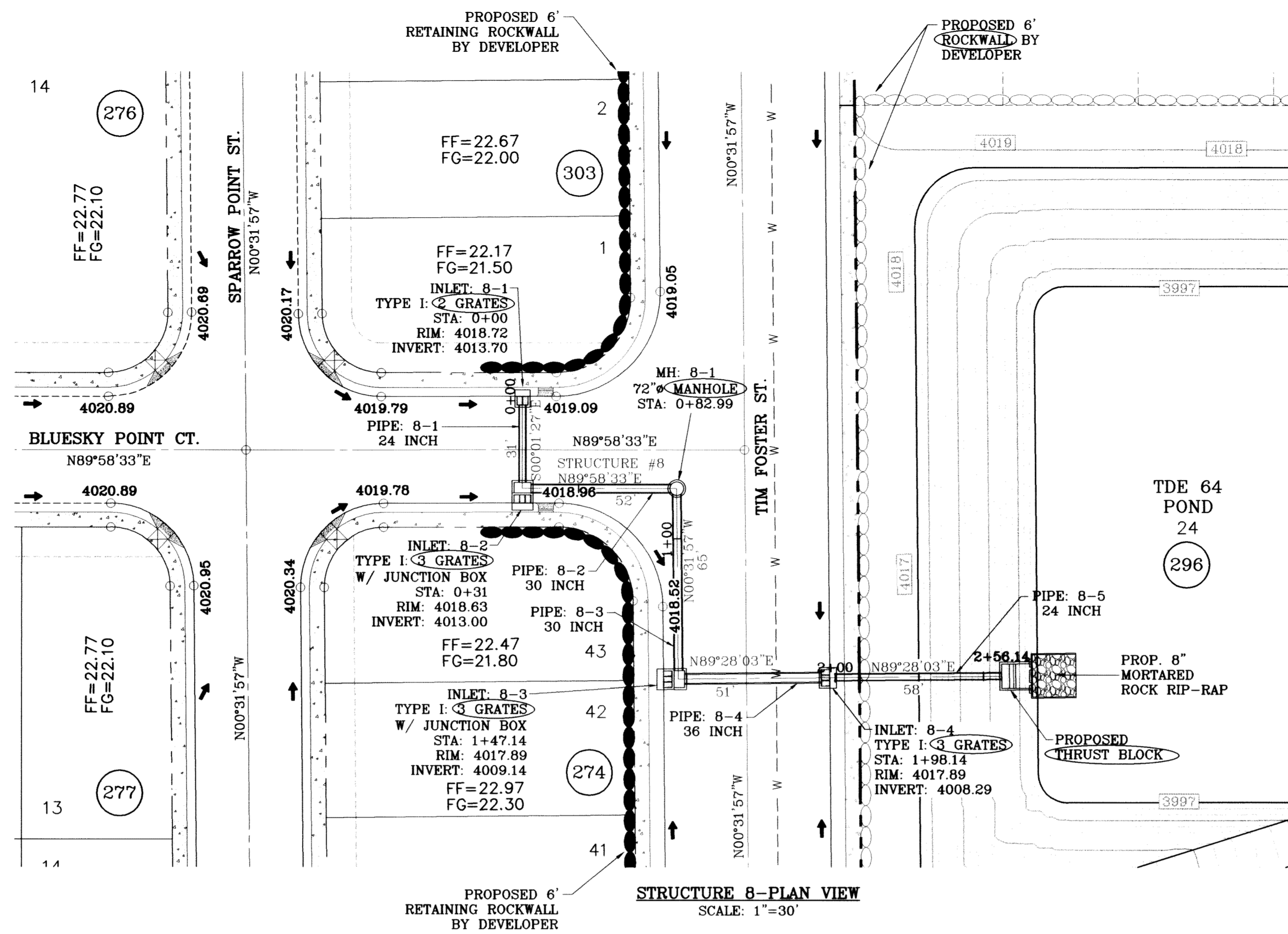
PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

SCALE
HORIZ. 1"=30'
VERT. 1"=10'
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

CONDE INC.
ENGINEERING / PLANNING SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
DRAINAGE STRUCTURE 7

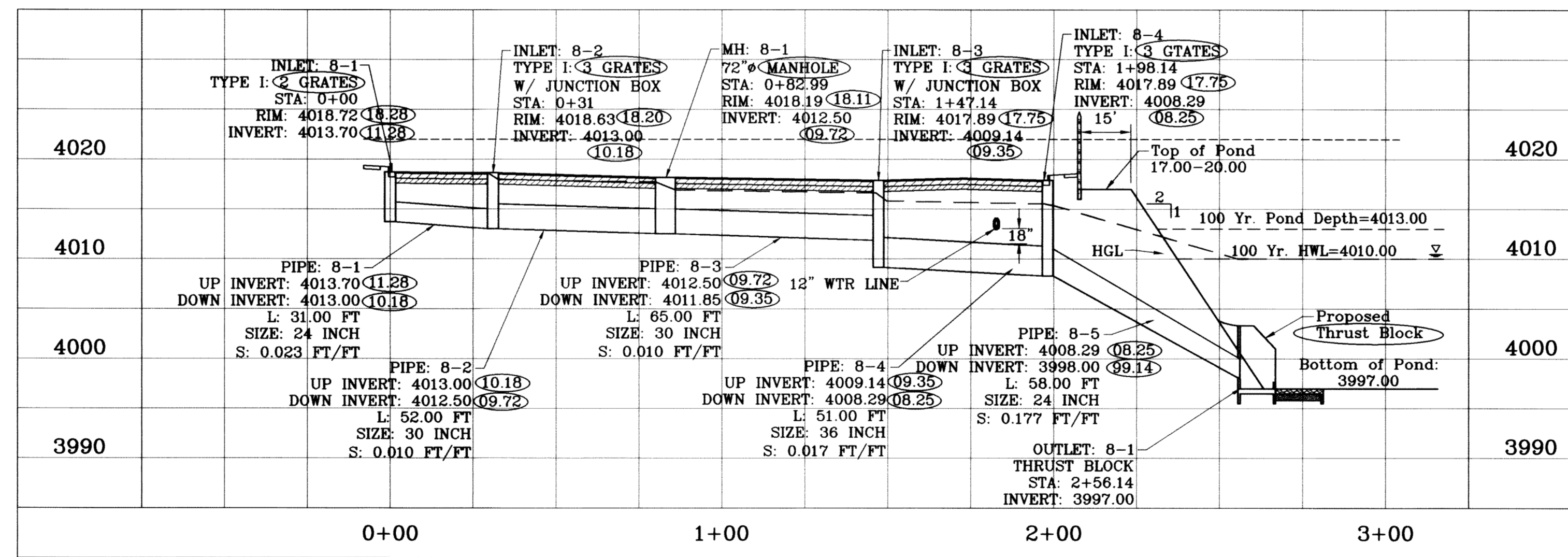
SHT 76 OF 88



ALL PIPES ARE R.C.P. CLASS III "O" TYPE UNLESS OTHERWISE NOTED.

- CONSTRUCTION NOTES:**
1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
 2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
 3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
 4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.

SEE SHEET 80 FOR INLET 8-2 & 8-3 W/ JUNCTION BOX DETAILS



STRUCTURE 8-PROFILE
SCALE: 1"=10'

○ DENOTES AS BUILT CONDITION ONLY

R.C.P. PIPE DATA

PIPE	SECTION SIZE (in)	LENGTH (ft)	CONSTRUCTED SLOPE (ft/ft)	DISCHARGE (cfs)	CAPACITY (cfs)	AVERAGE VELOCITY (fps)	DOWN STREAM GROUND	DOWN STREAM HGL	DOWN STREAM INVERT	UPSTREAM GROUND	UPSTREAM HGL	UPSTREAM INVERT
8-1	24	31.00	0.023	10.00	33.99	3.18	4018.63	4018.63	4013.00	4018.72	4018.69	4013.70
8-2	30	52.00	0.010	27.87	40.22	5.68	4018.19	4017.70	4012.50	4018.63	4017.94	4013.00
8-3	30	65.00	0.010	27.87	41.01	5.68	4017.89	4016.60	4011.85	4018.19	4016.90	4012.50
8-4	36	51.00	0.017	49.64	86.10	7.02	4017.89	4015.52	4008.29	4017.89	4015.80	4009.14
8-5	24	58.00	0.177	68.31	95.28	21.74	4017.00	4010.00	3998.00	4017.89	4015.29	4008.29

INLET DATA

INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
8-1	I	2	10.00	21.68
8-2	I	3	17.87	43.36
8-3	I	3	21.77	32.52
8-4	I	3	18.67	32.52

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.84	BY DATE
REVISIONS	E.G.
10/15/09 CITY REDLINES AS PER 10/07/09 COMMENTS	REQUEST R.R.
09/05/10 STRUCTURE REVISION AS PER E.P.W.U. REQUEST	F.R.
08/01/11 AS BUILT	

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.982 ACRES

S.C.A.L.E.
HORIZ: 1"=30'
VERT: 1"=10'

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-61

ENGINEER'S SEAL
STATE OF TEXAS
VINCE CARLE CURRY
64548
PROFESSIONAL ENGINEER
NO. 10118

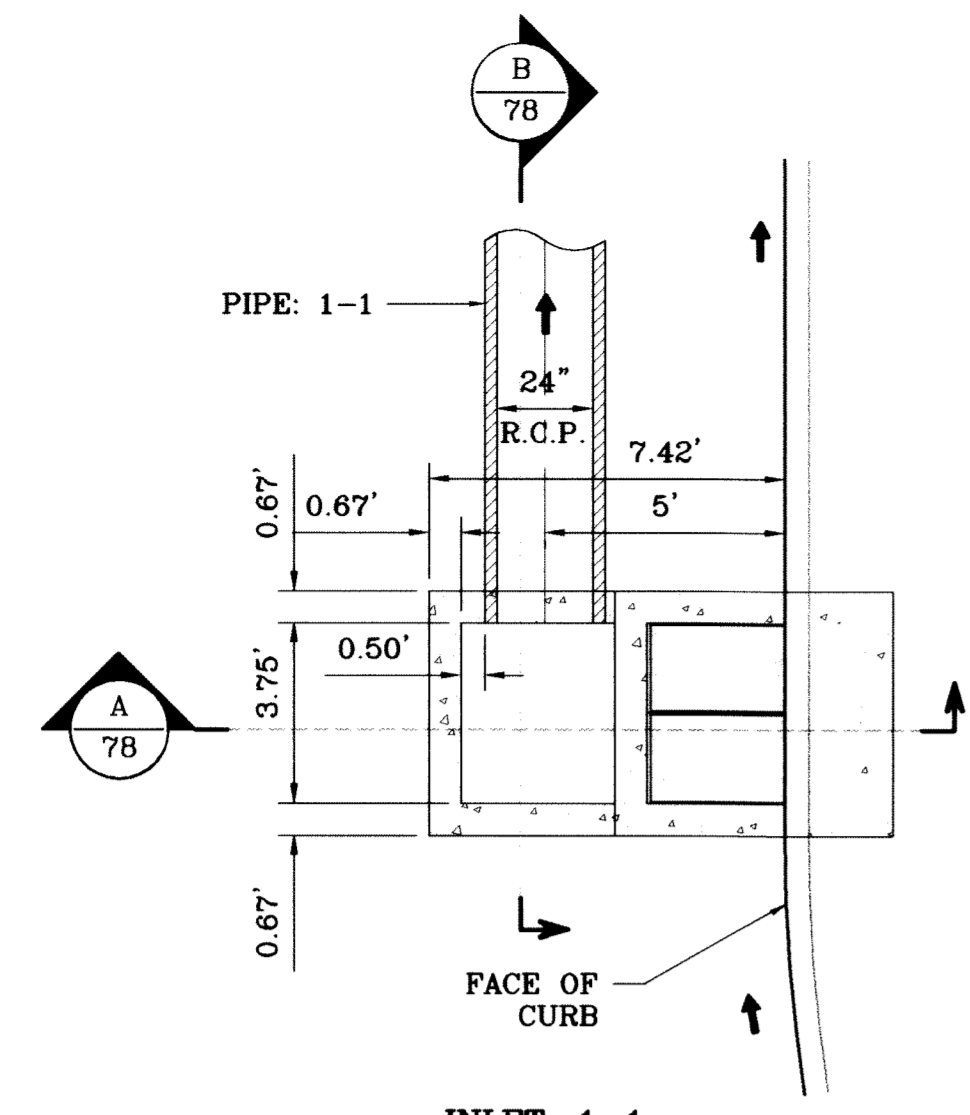
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE. 100
EL PASO, TEXAS 79905
(915) 582-0283

CONDE INC.
REGISTRATION No. F-3221

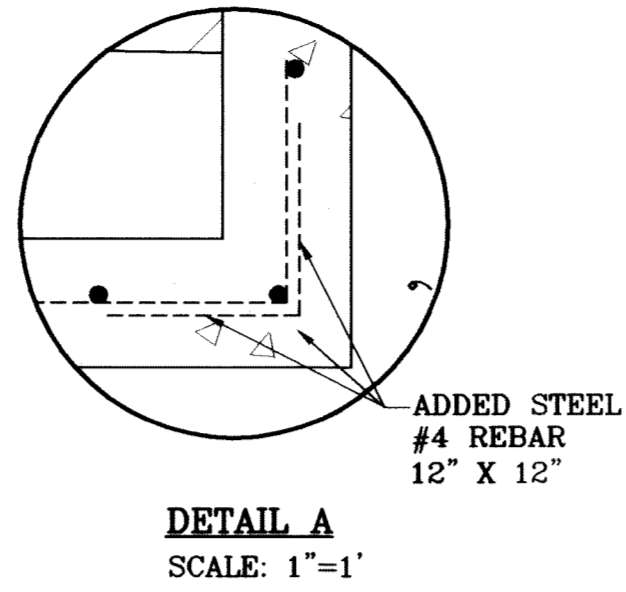
SHEET TITLE

DRAINAGE STRUCTURE 8

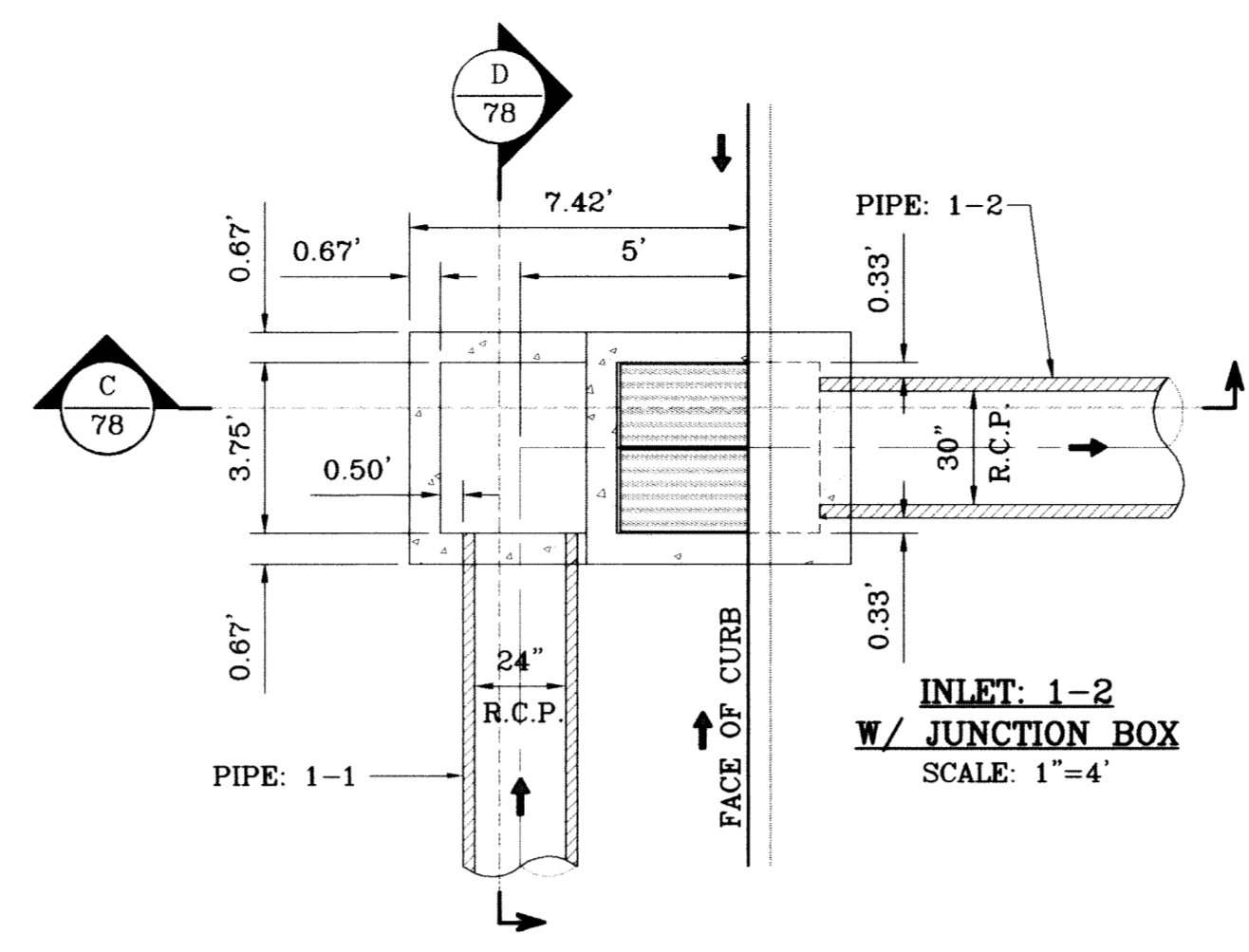
SHT 77 OF 88



**INLET: 1-1
W/ JUNCTION BOX**
SCALE: 1"=4'



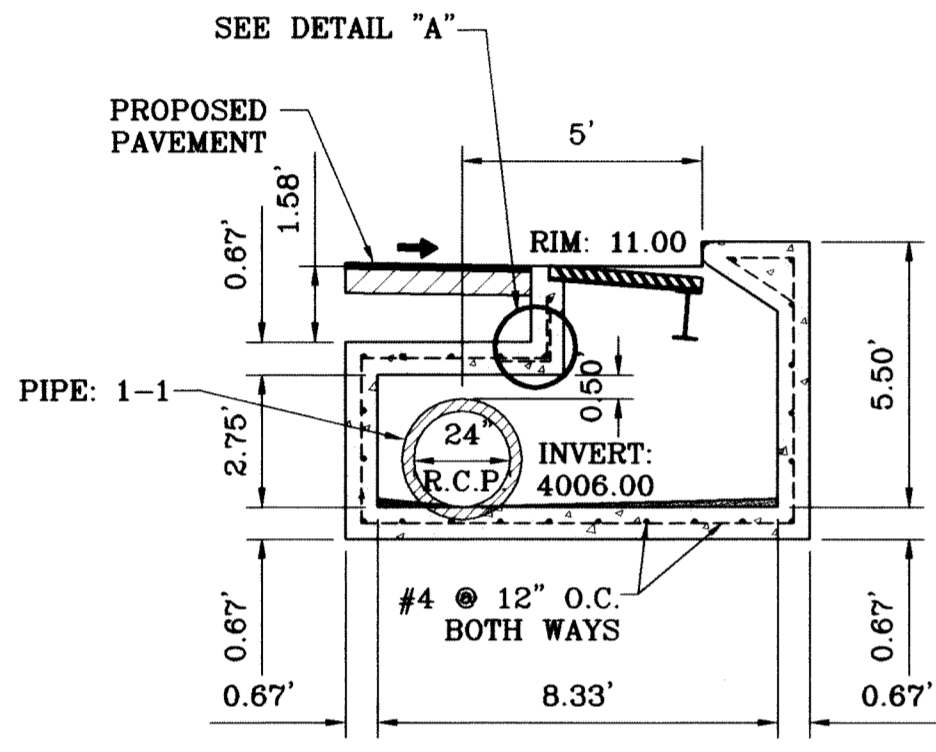
DETAIL A
SCALE: 1"=1'



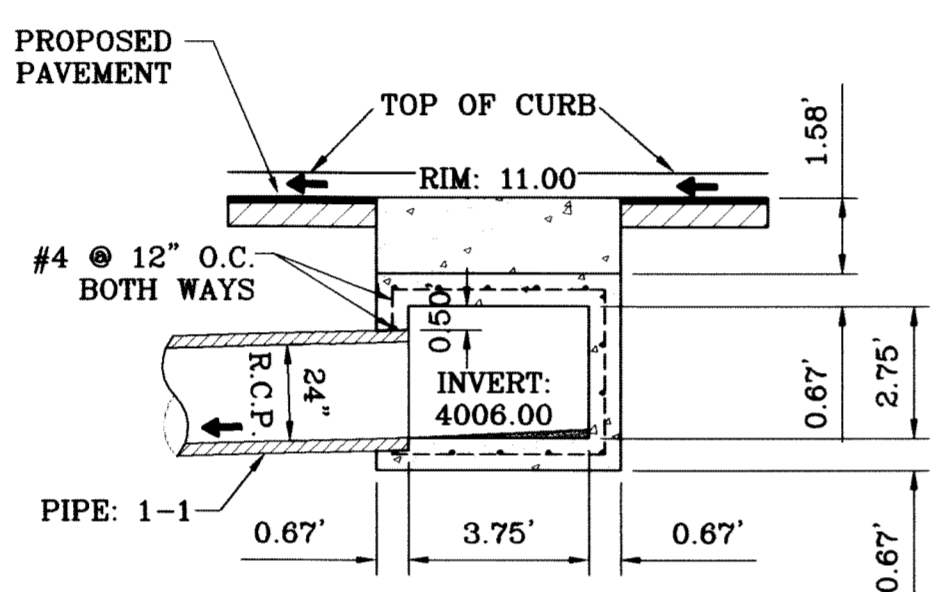
**INLET: 1-2
W/ JUNCTION BOX**
SCALE: 1"=4'

ALL PIPES ARE R.C.P. CLASS III
"O" TYPE UNLESS OTHERWISE NOTED.

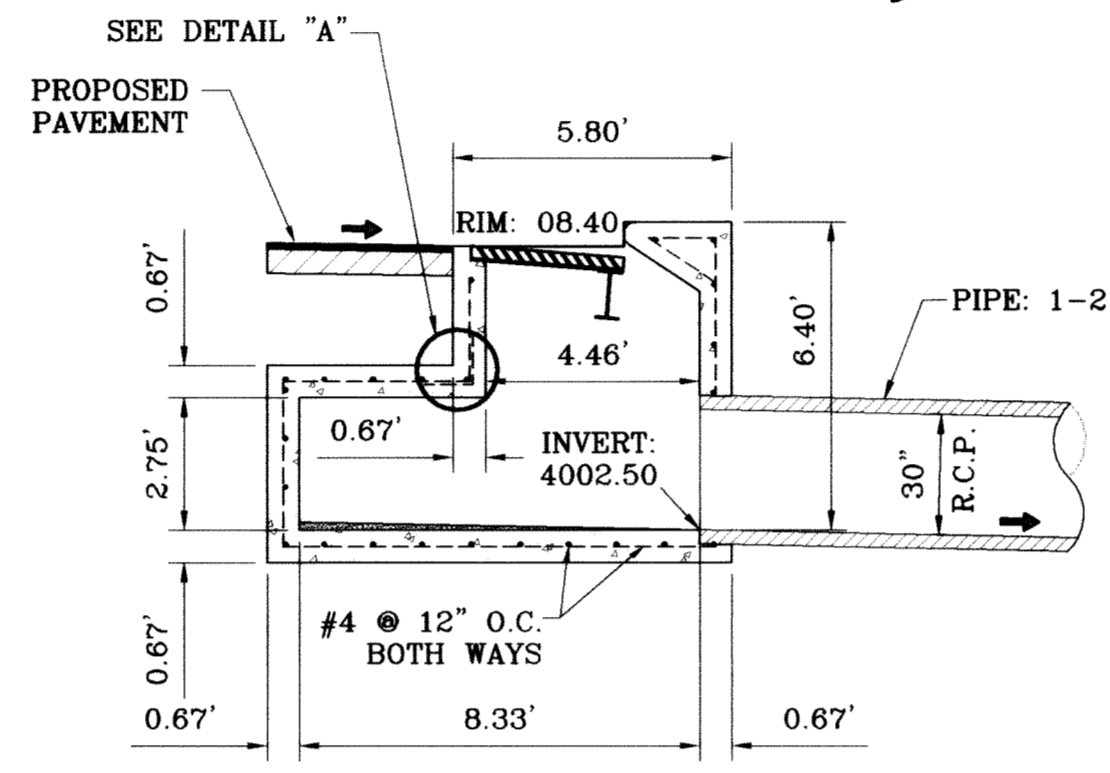
- CONSTRUCTION NOTES:**
1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
 2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
 3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
 4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.



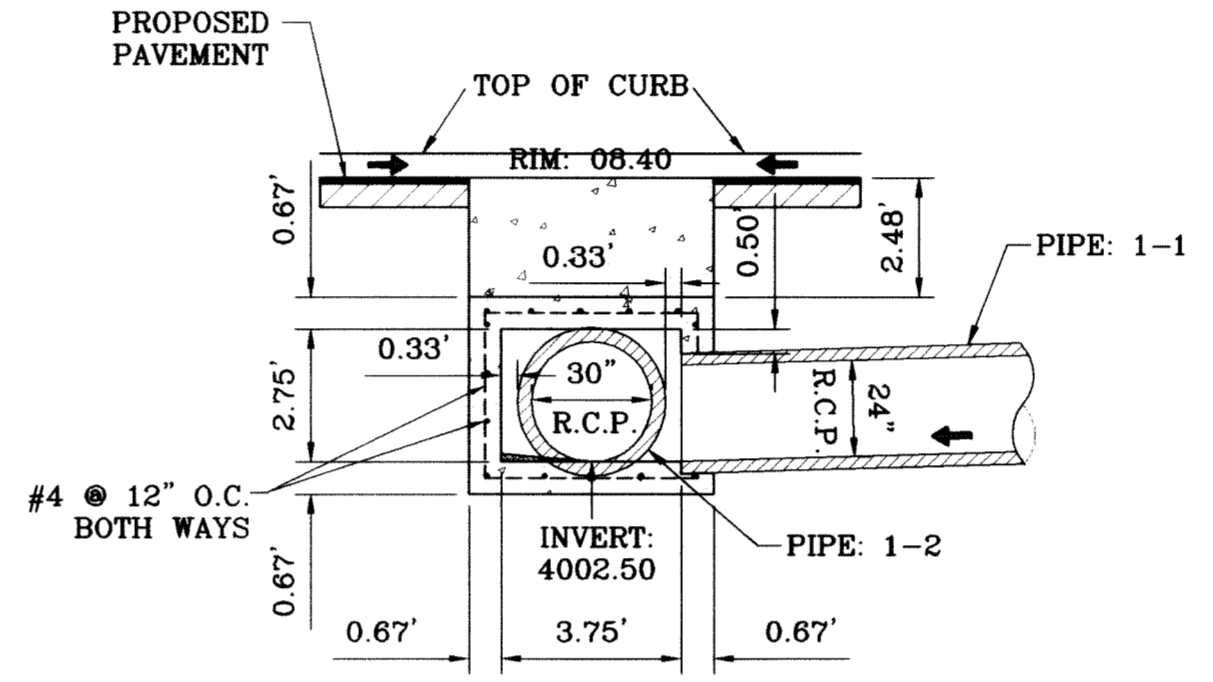
SECTION A
SCALE: 1"=4'



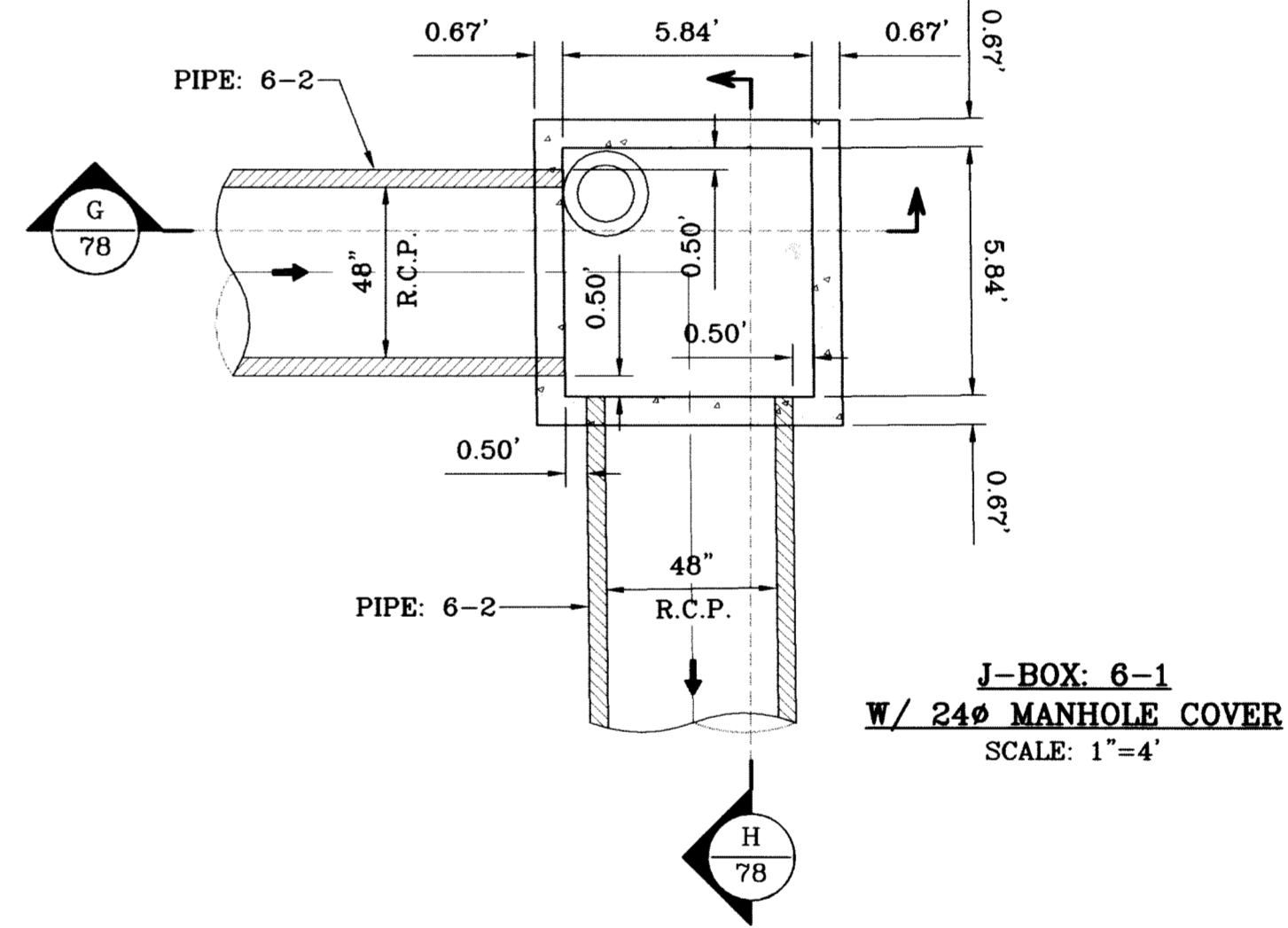
SECTION B
SCALE: 1"=4'



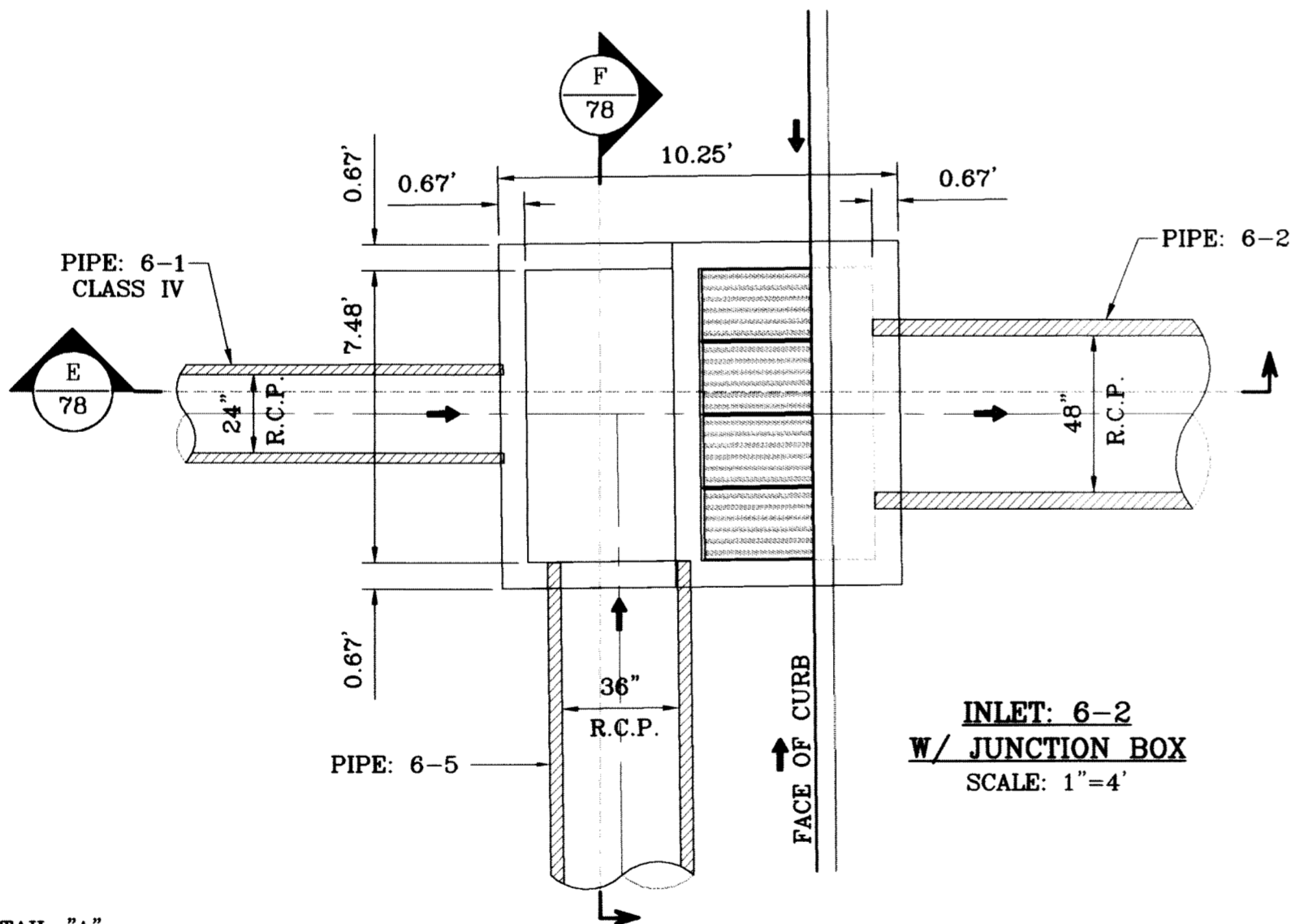
SECTION C
SCALE: 1"=4'



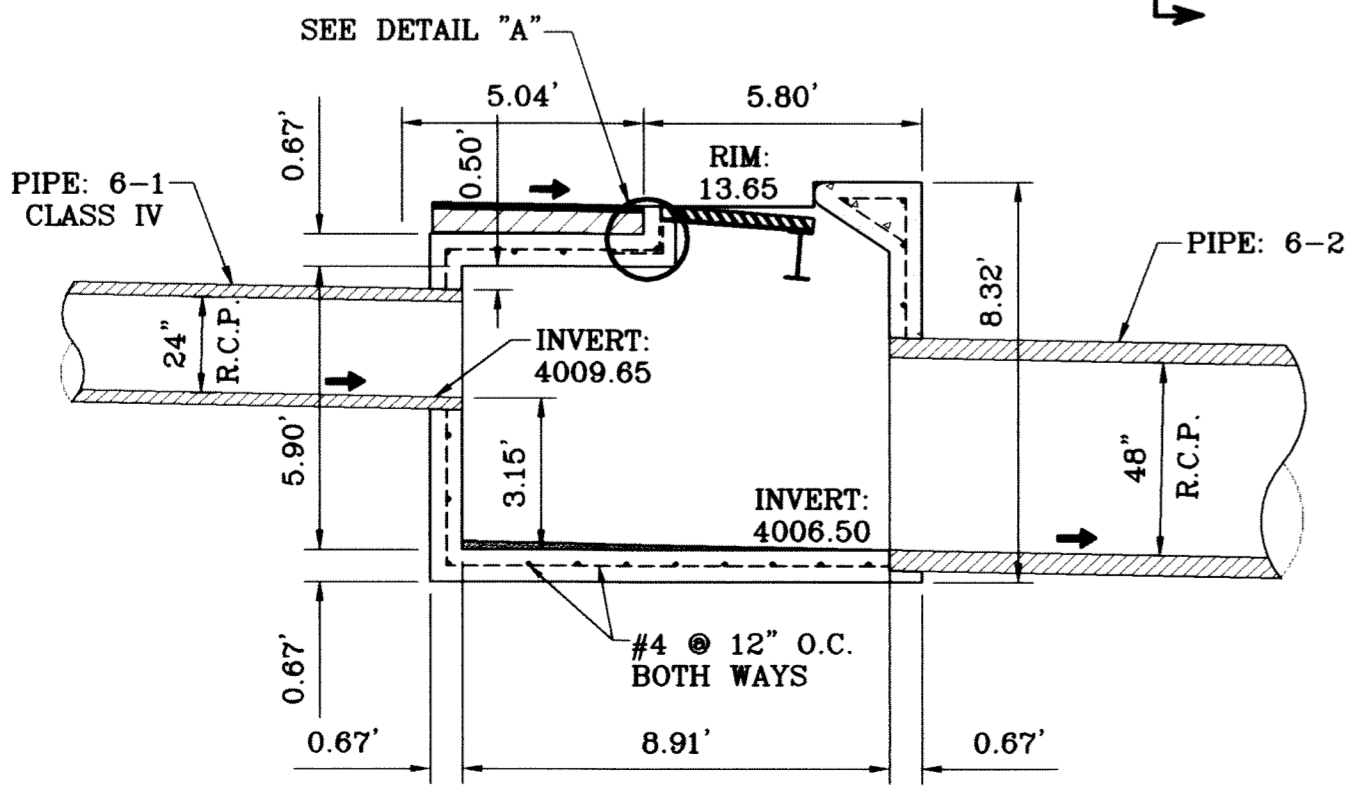
SECTION D
SCALE: 1"=4'



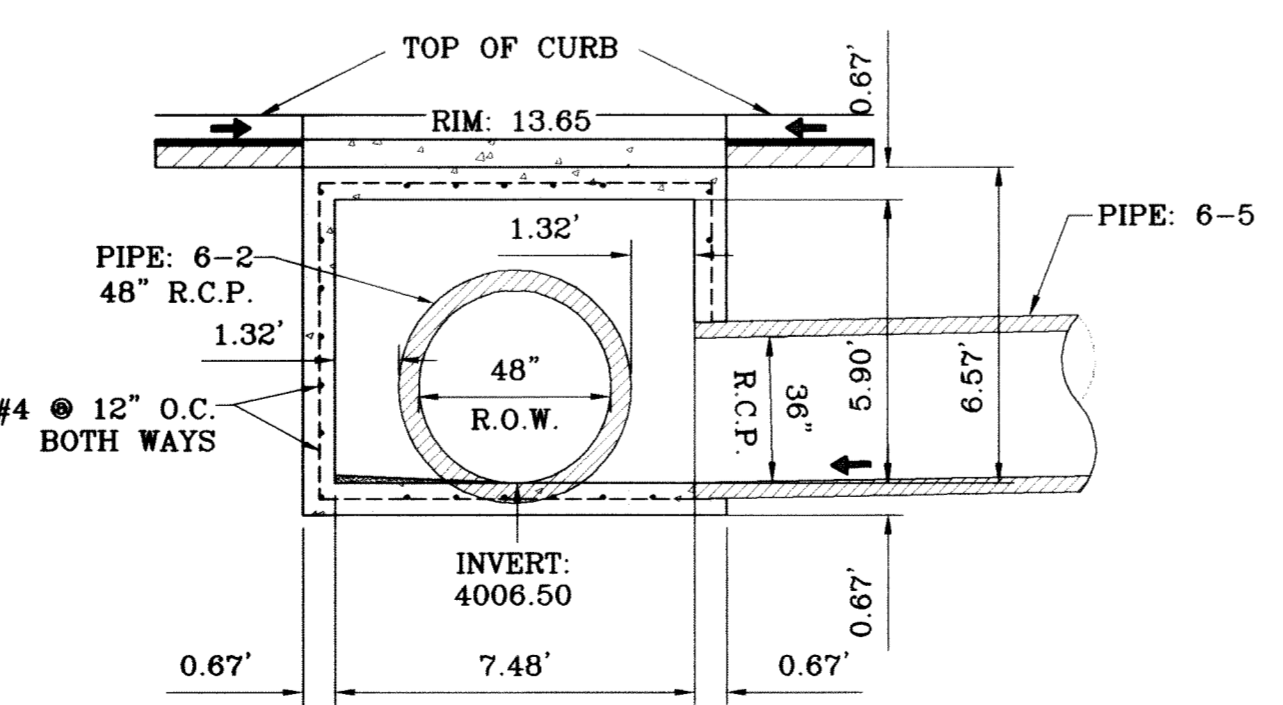
**J-BOX: 6-1
W/ 24\"/>**



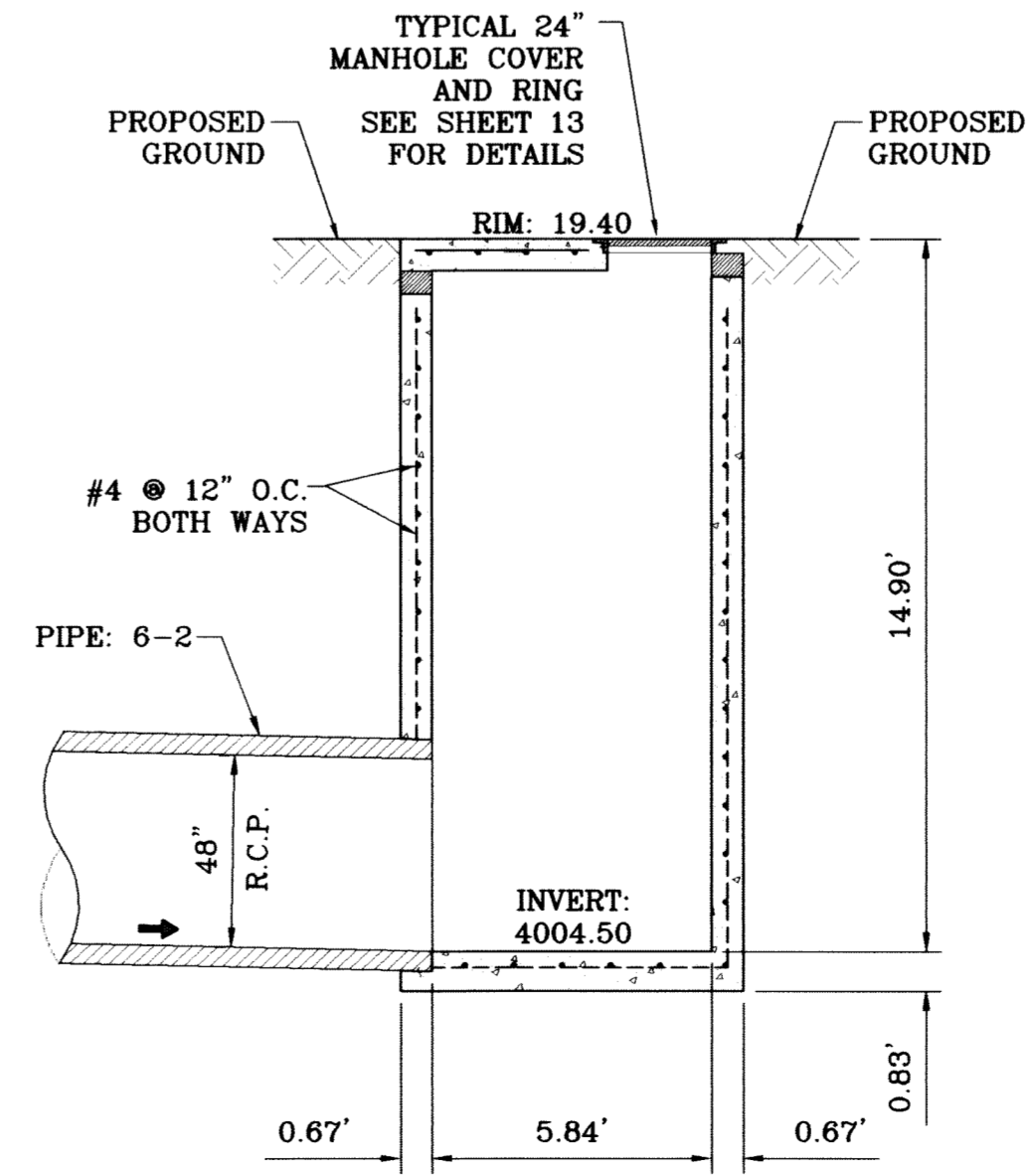
**INLET: 6-2
W/ JUNCTION BOX**
SCALE: 1"=4'



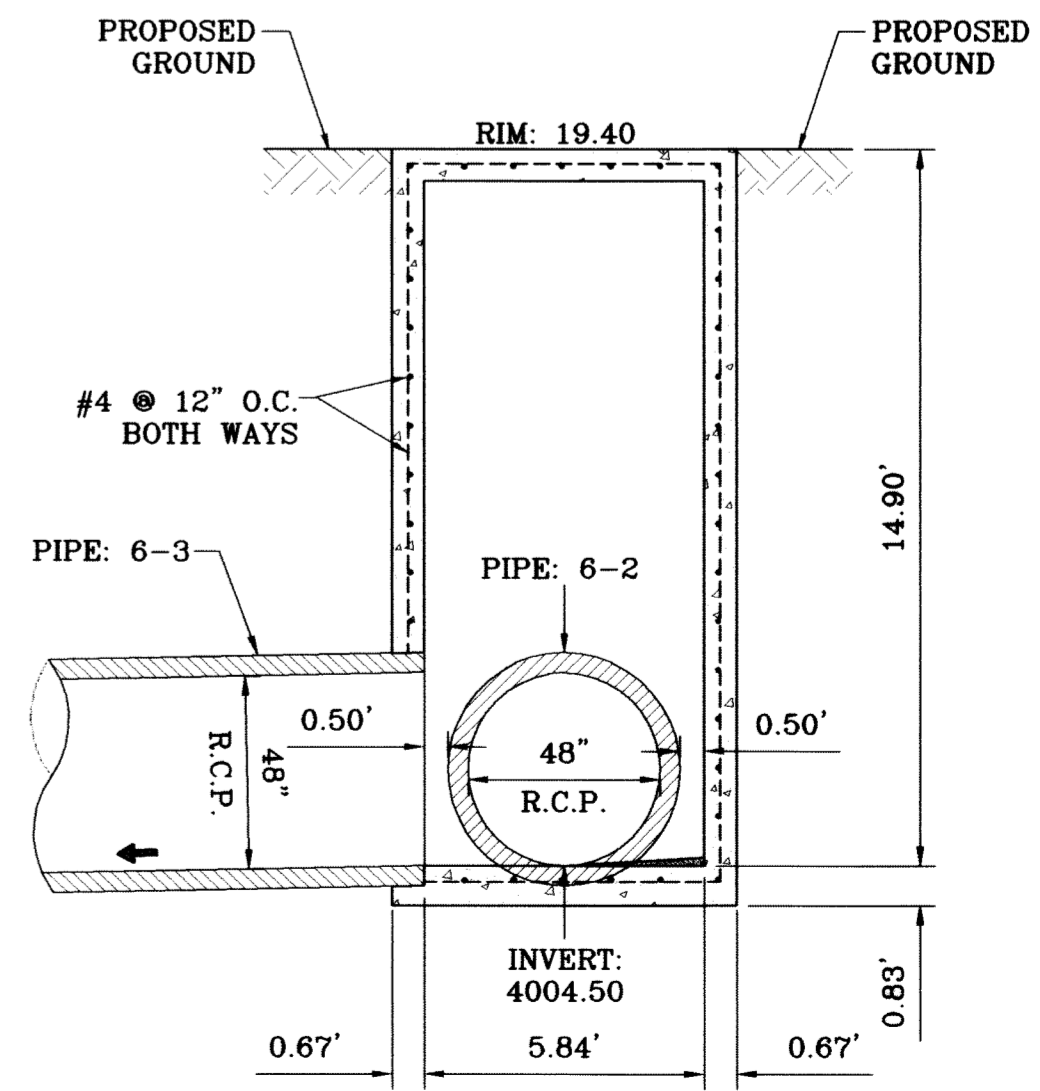
SECTION E
SCALE: 1"=4'



SECTION F
SCALE: 1"=4'



SECTION G
SCALE: 1"=4'



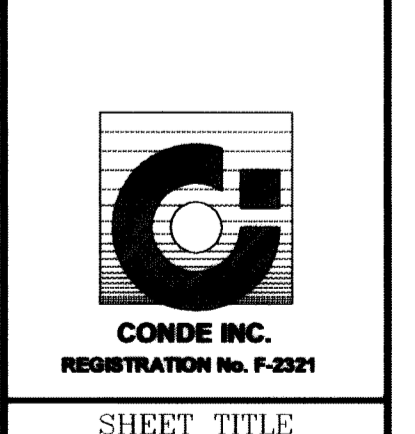
SECTION H
SCALE: 1"=4'

BENCHMARK	
CITY POINT AT THE CENTERLINE INTERSECTION OF RICH WALK BLVD. AND RAINBOW POINT RD.	
ELEVATION 4002.64	CITY DATUM
DATE	REVISIONS
10/15/09	CITY REVISIONS AS PER 10/07/09 COMMENTS
BY	X.X.

TERRA DEL ESTE UNIT SIXTY TWO
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

PROJECT NAME	
SCALE	HORIZ: 1"=30' VERT: 1"=10'
DATE	SEPT. 2008
DESIGN BY	YC
INITIATED BY	EFC
CHECKED BY	YC
JOB NO.	308-81

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GFS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283



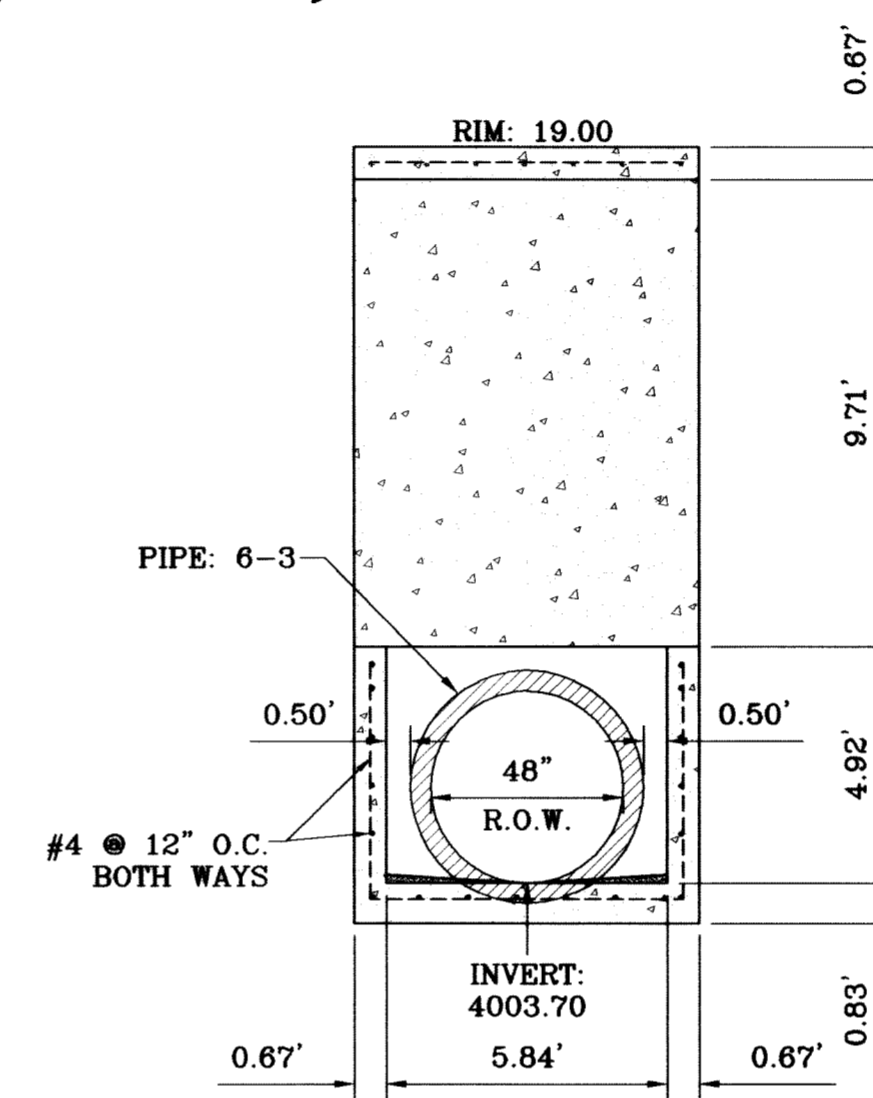
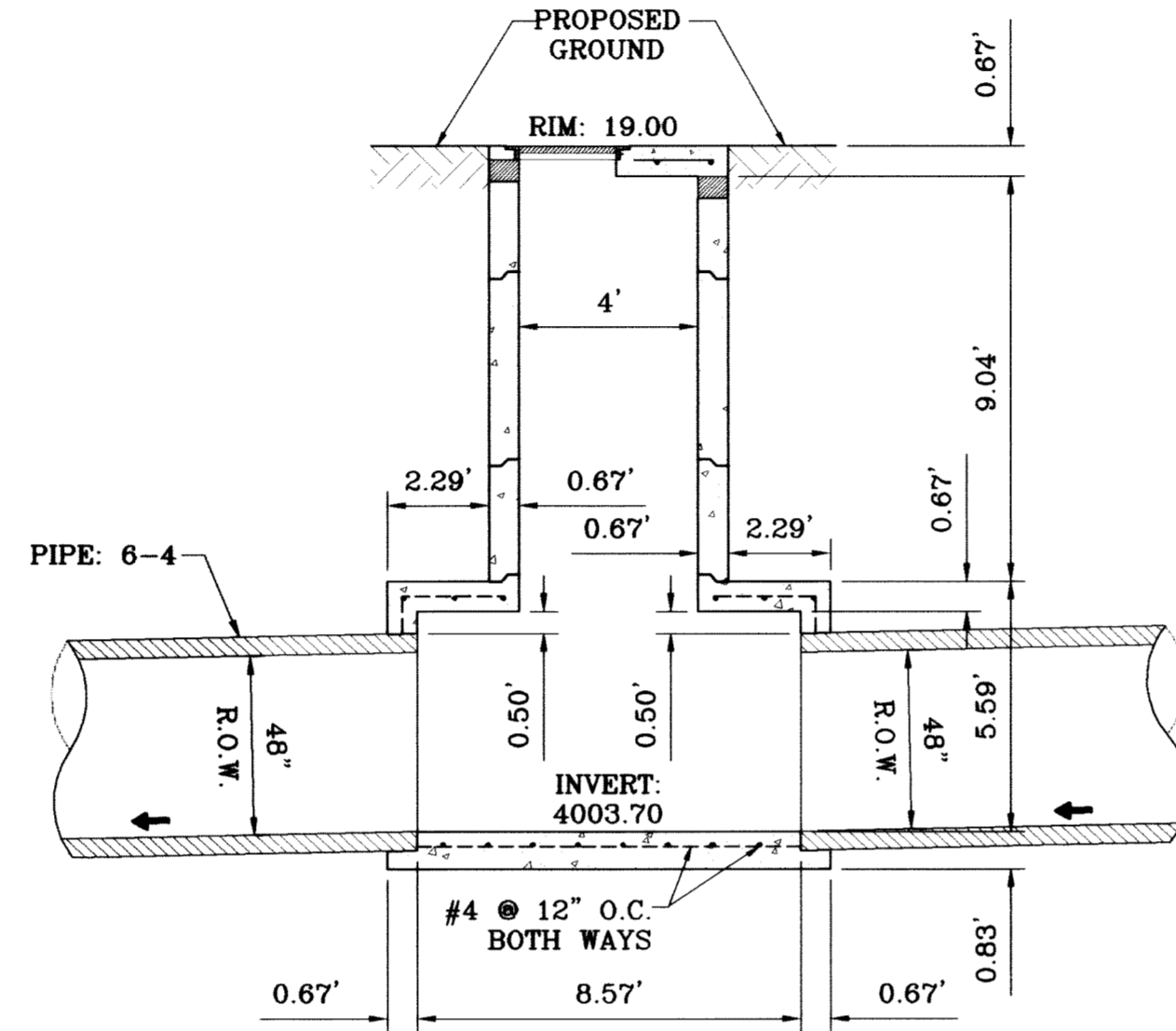
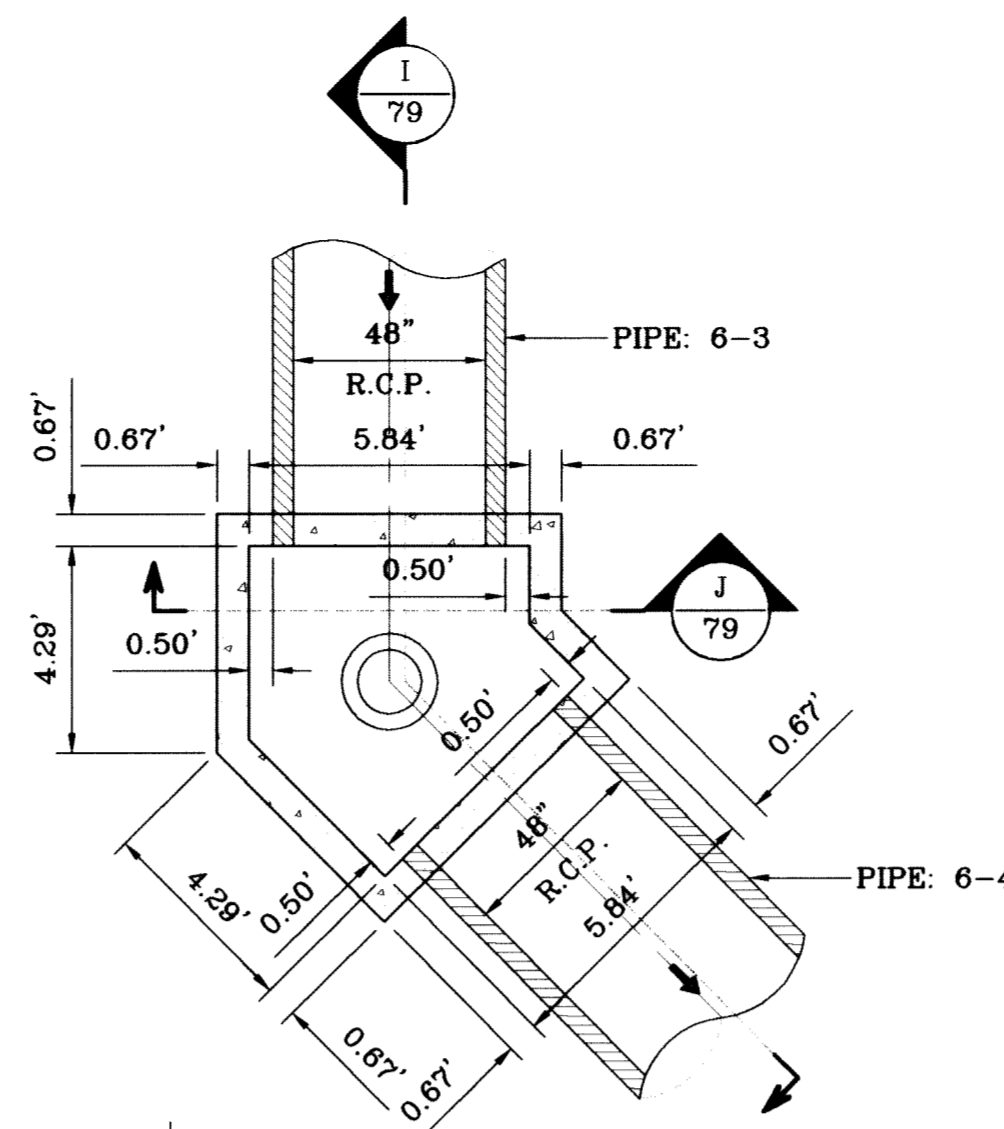
DRAINAGE STRUCTURE JUNCTION BOX SECTIONS A-H

ALL PIPES ARE R.C.P. CLASS III
"O" TYPE UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES:

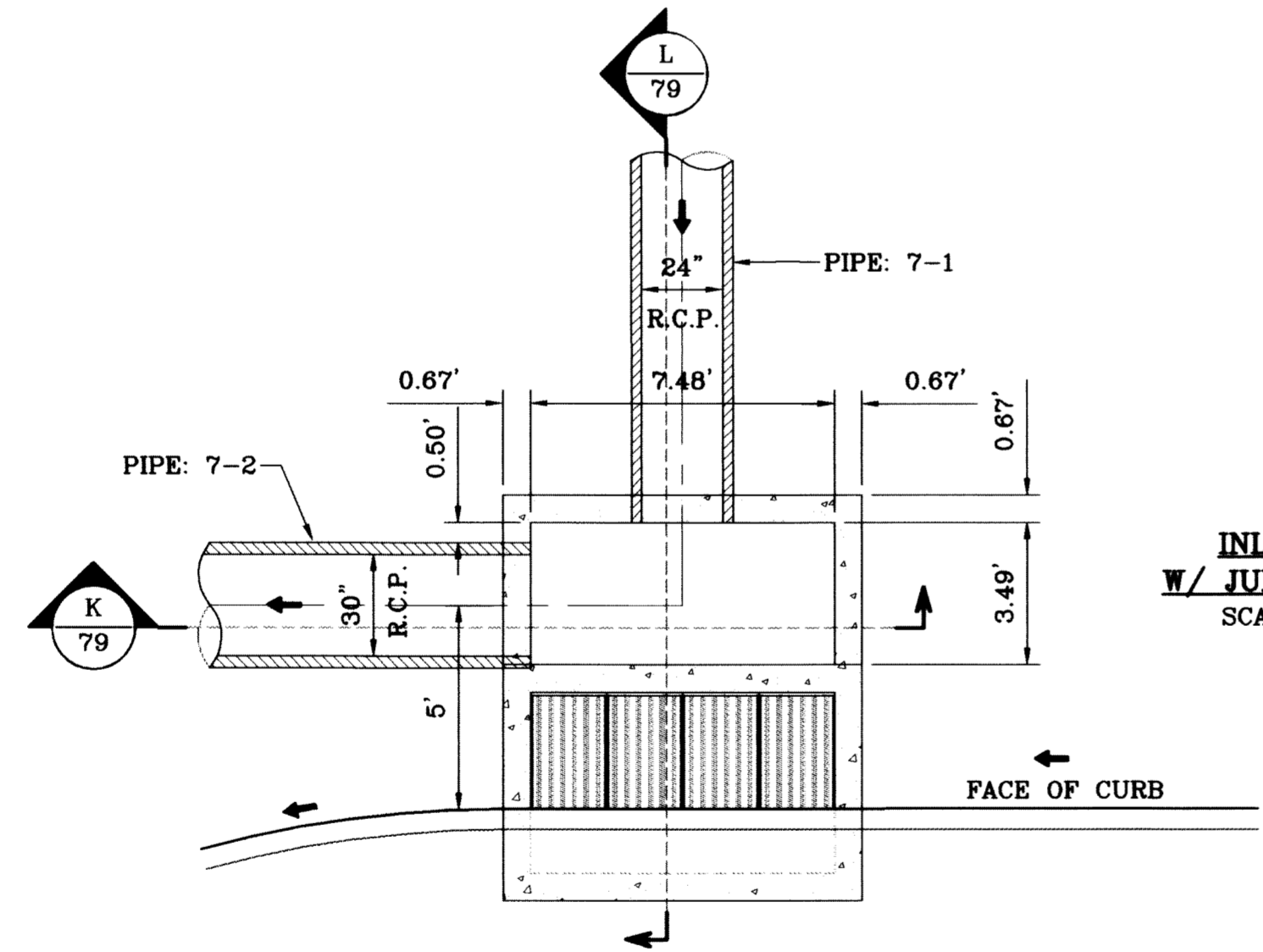
1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.

**J-BOX: 6-2
W/ 24" MANHOLE COVER**
SCALE: 1"=4'

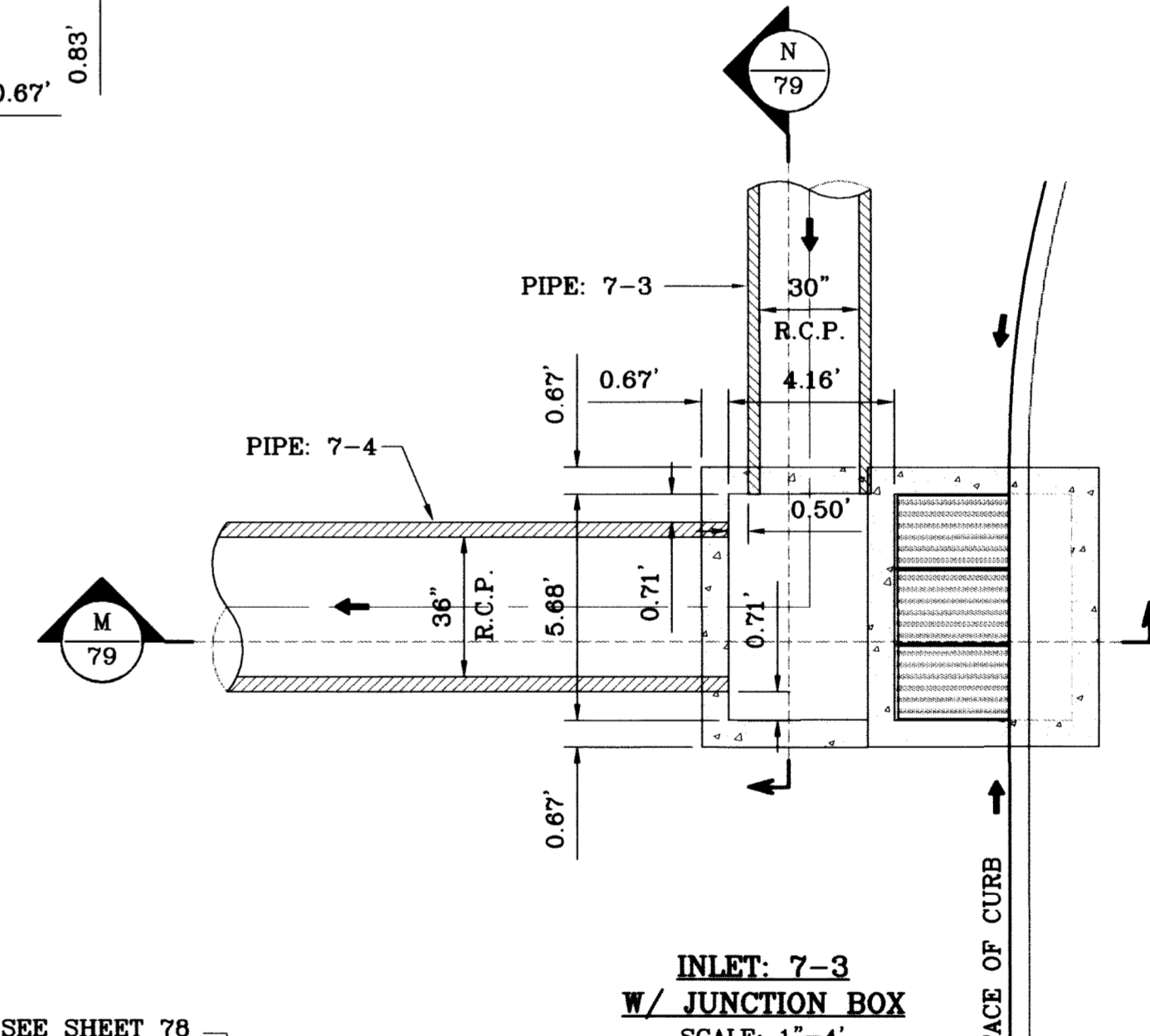


SECTION I
SCALE: 1"=4'

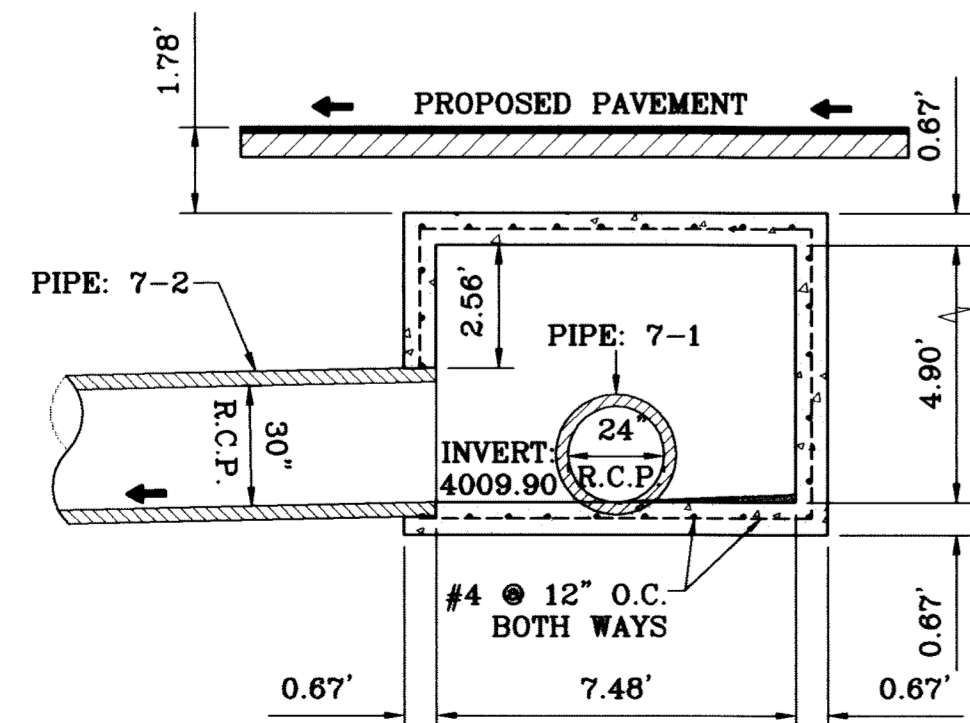
SECTION J
SCALE: 1"=4'



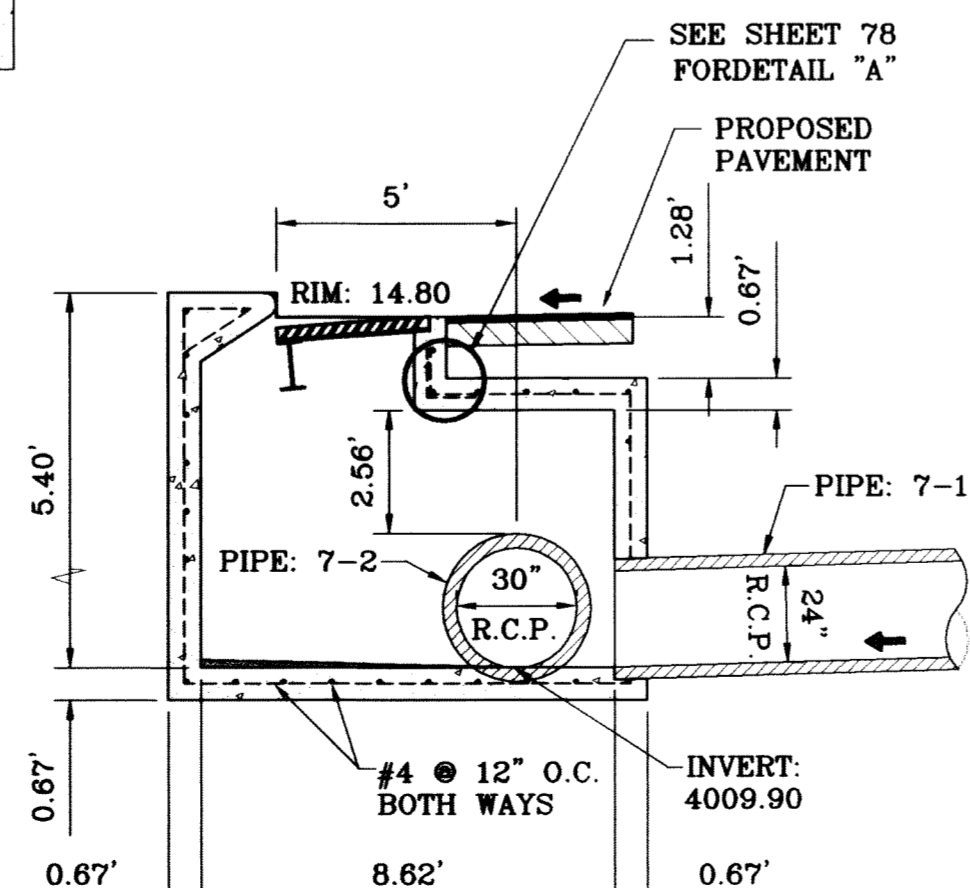
**INLET: 7-2
W/ JUNCTION BOX**
SCALE: 1"=4'



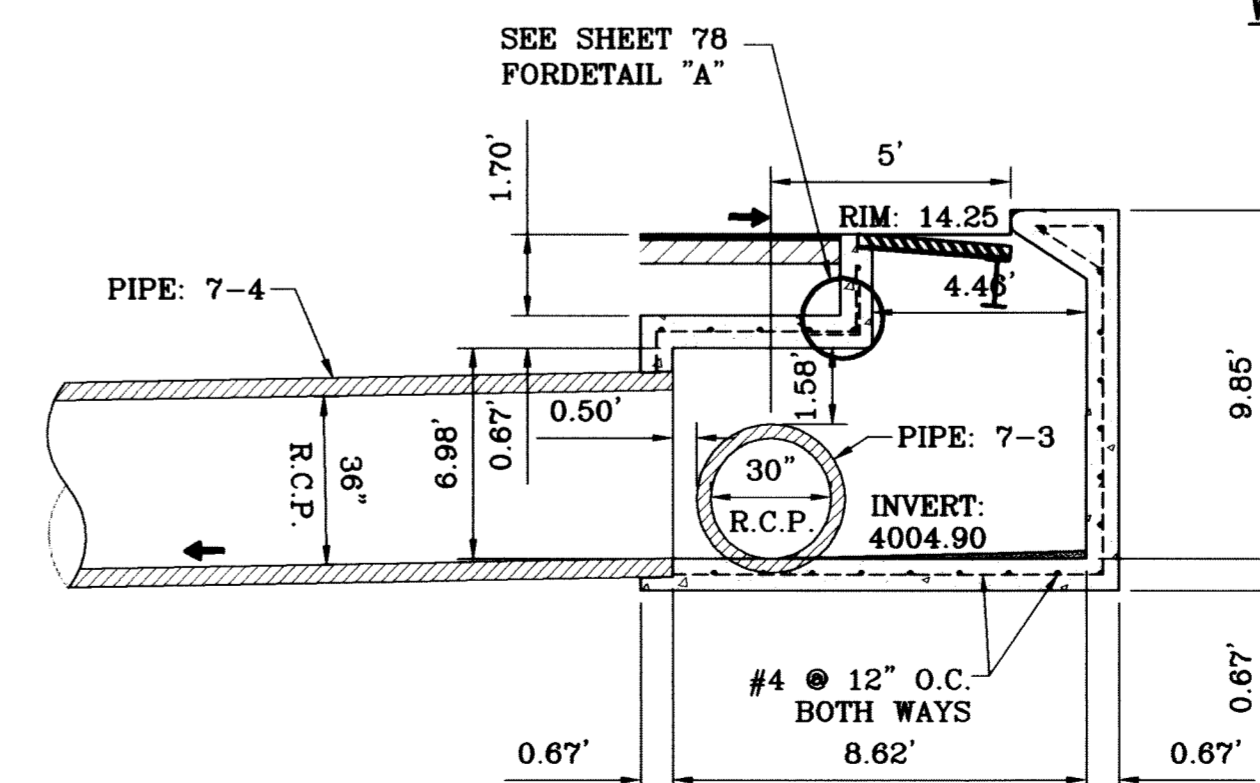
**INLET: 7-3
W/ JUNCTION BOX**
SCALE: 1"=4'



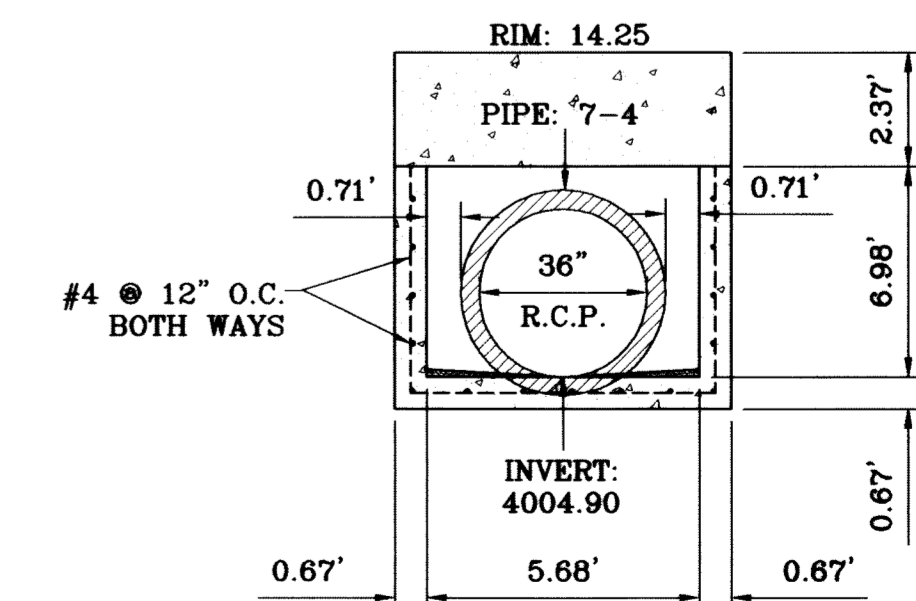
SECTION K
SCALE: 1"=4'



SECTION L
SCALE: 1"=4'



SECTION M
SCALE: 1"=4'



SECTION N
SCALE: 1"=4'

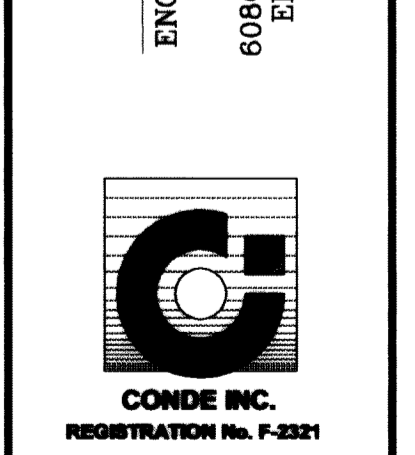
BENCHMARK	BY
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICEBEN BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64	RO
DATE	REVISIONS
7-16-2010	REVISED STRUC. 7 INVERTS

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.966 ACRES

SCALE	DATE	DESIGN BY	INITIATED BY	CHECKED BY	JOB NO.
HORIZ: 1"=90' VERT: 1"=10'	SEPT. 2008	YC	YC	YC	308-81

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
8080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283



SHEET TITLE
DRAINAGE STRUCTURE JUNCTION BOX SECTIONS I-P

○ DENOTES AS BUILT CONDITION ONLY

LEGEND

FF=00.00	PROPOSED FINISH FLOOR
FG=00.67	PROPOSED FINISH GROUND
00.00	PROPOSED SPOT ELEVATION
▲	HIGH POINT
▼	LOW POINT
—	EXISTING CONTOUR
—	EXISTING SPOT ELEVATION
—	PROPOSED CONTOUR
—	PROPOSED ROCK WALL
—	PROPOSED RETAINING WALL

NOTE:
HEREON DESCRIBED TRACT LIES IN ZONE X, COMMUNITY PANEL NO. 480214 0043B, DATED OCTOBE 15, 1982.

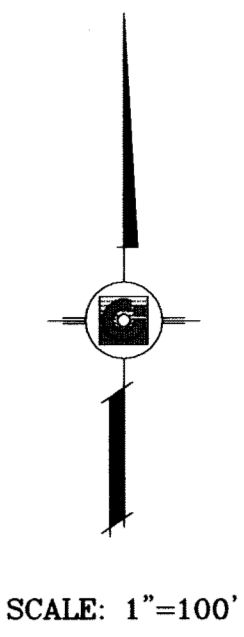
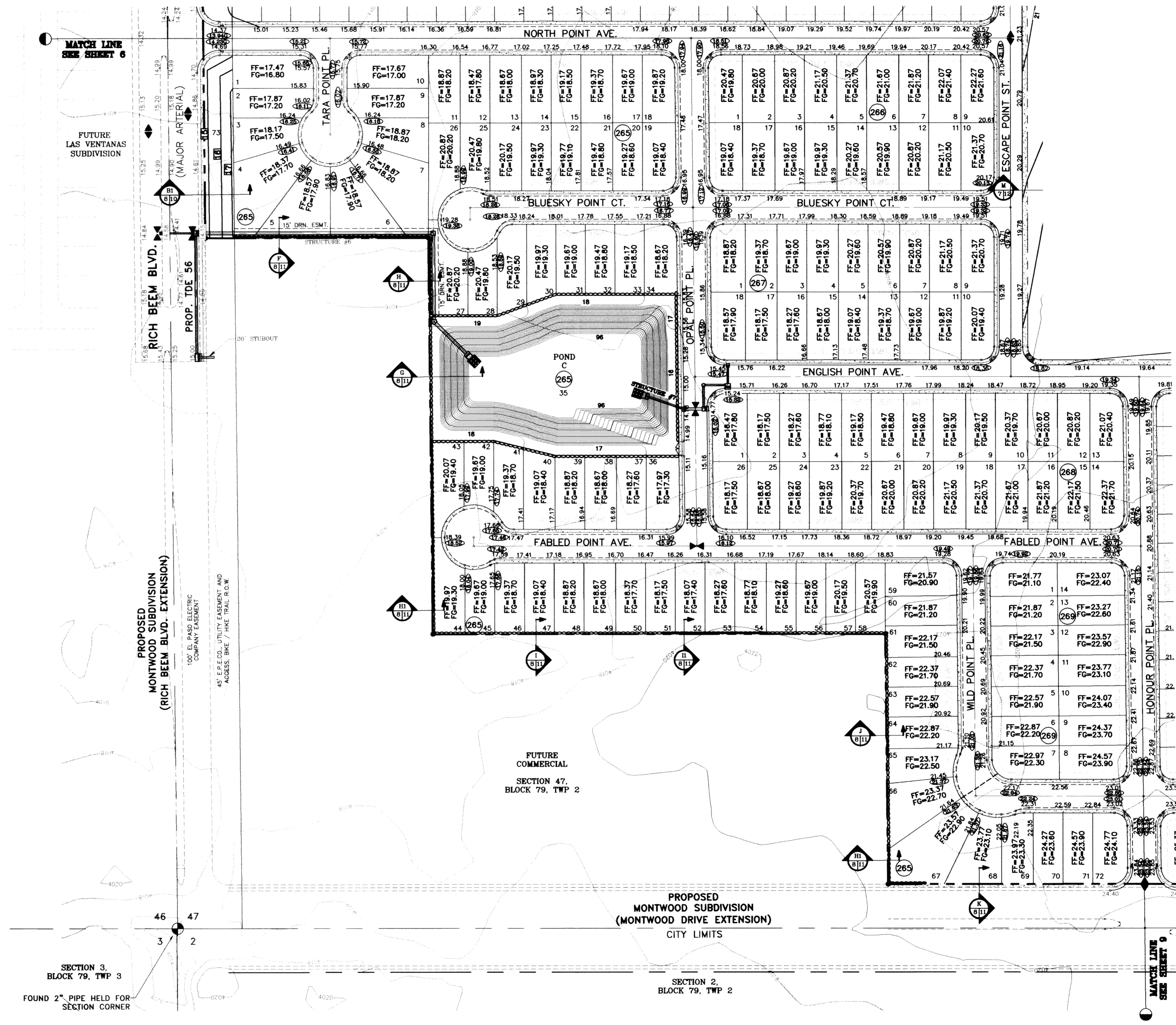
SEE SHEET 70 FOR POND "C" SECTION DETAILS

SEE SHEET 75 AND 76 FOR DRAINAGE STRUCTURES #6 AND #7.

HANDICAP RAMPS WILL BE CONSTRUCTED BY DEVELOPER AND TO INCLUDE TRUNCATED DOMES

CONSTRUCTION NOTES:

1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
5. RETAINING WALLS WILL BE REQUIRED WHERE THERE IS A GRADE DIFFERENCE OF 2 OR MORE FEET BETWEEN LOTS AND STREET. RETAINING WALL DESIGN AT TIME OF BUILDING PERMIT.
6. 85% COMPACTION REQUIRED ON CUTS & 95% COMPACTION REQUIRED ON FILLS.



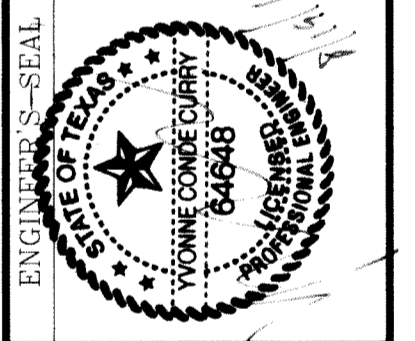
BENCHMARK	CITY DOCUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT CITY DATUM ELEVATION 4002.64
DATE	10/14/09
BY	CITY REVISIONS AS PER 10/07/09 COMMENTS E.F.G.
DATE	08/26/10
BY	REVISE MEDIAN OPENINGS E.F.G.
DATE	08/03/11
BY	AS BUILT

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

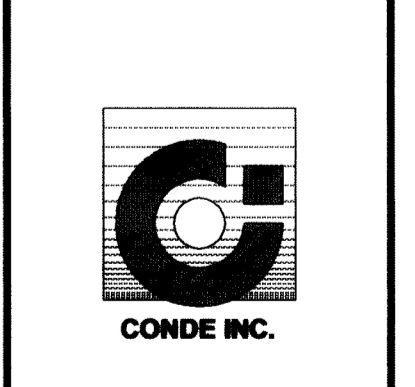
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.866 ACRES

SCALE
HORIZ: 1"=100'
VERT: ---

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

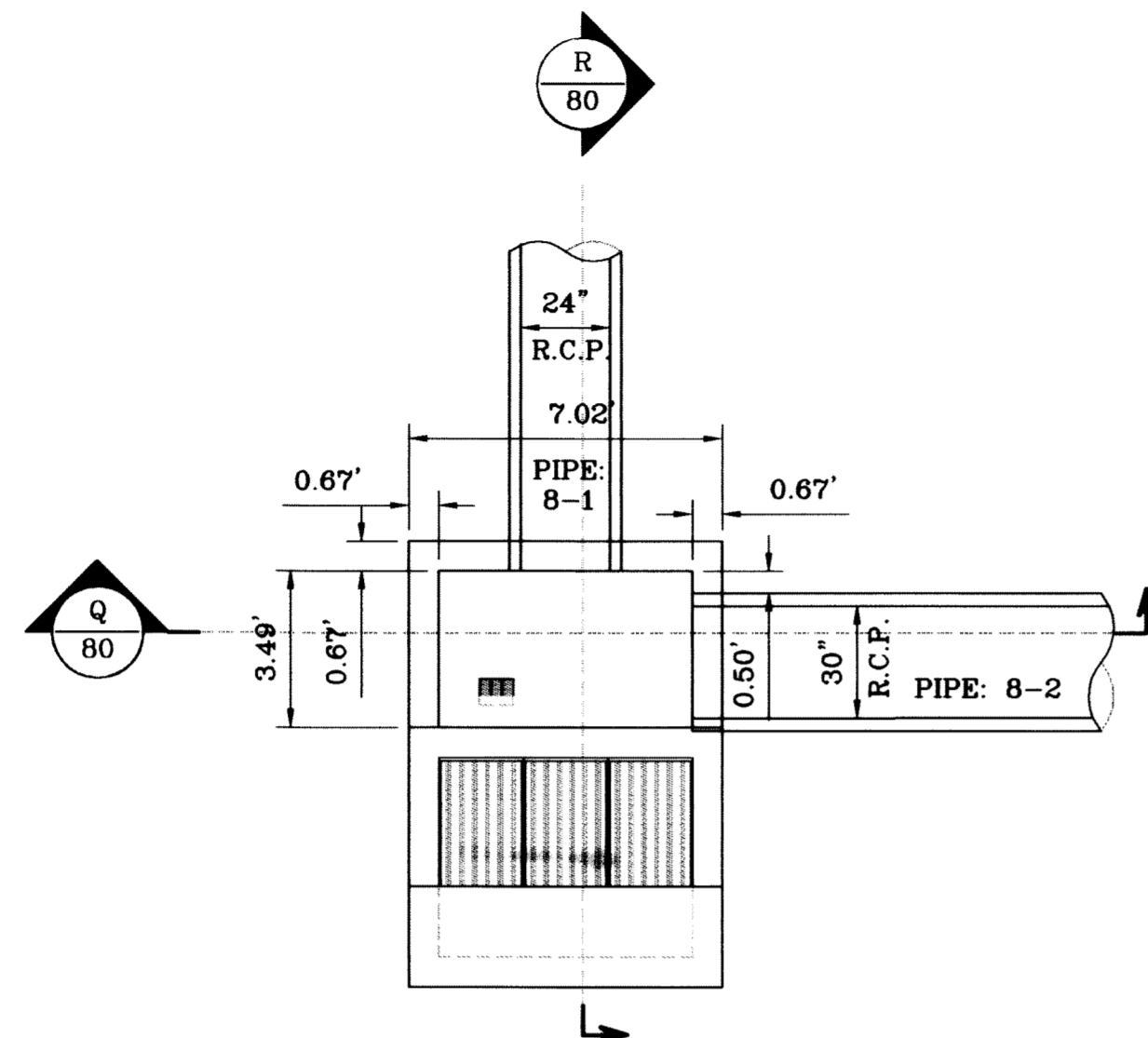


CONDE INC.
ENGINEERING / PLANNING SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

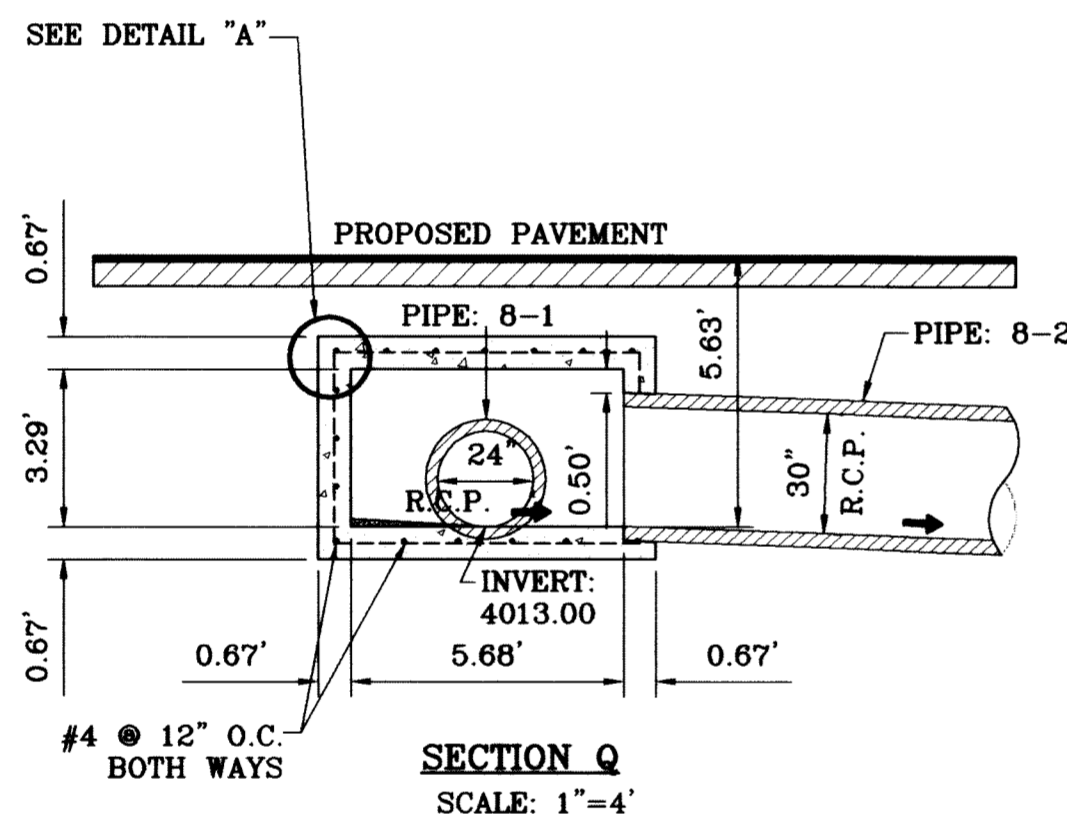


SHEET TITLE
GRADING PLAN

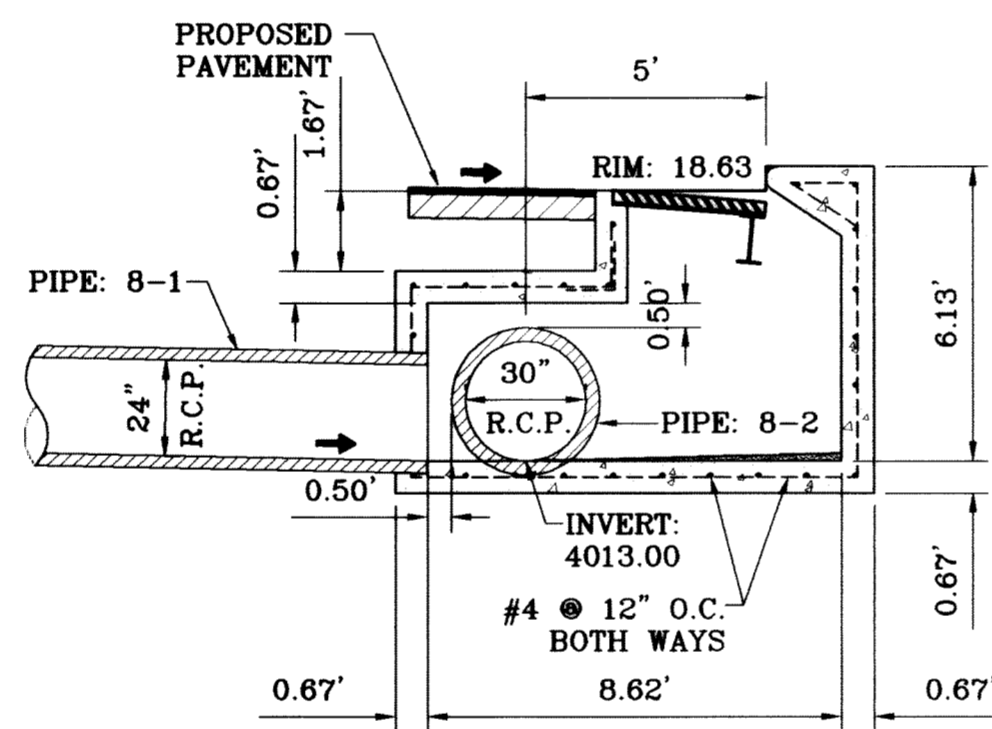
C:\DWG\3D Projects\TERRA DEL ESTE UNIT SIXTY TWO\CONDE.dwg, 08/18/2011, 1:39:31 PM



INLET 8-2
ENLARGED PLAN VIEW
SCALE: 1"=4'



SECTION Q
SCALE: 1"=4'

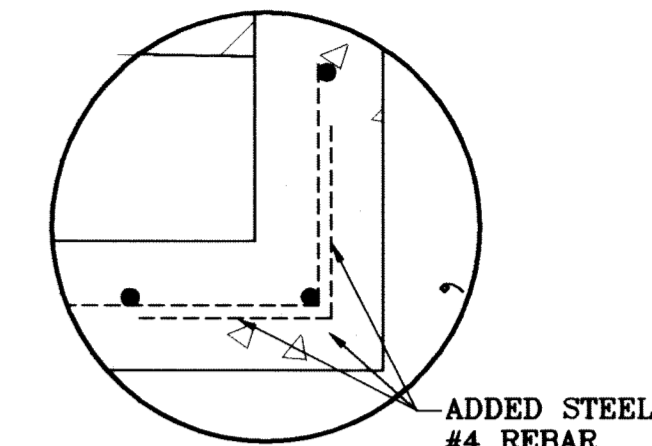


SECTION R
SCALE: 1"=4'

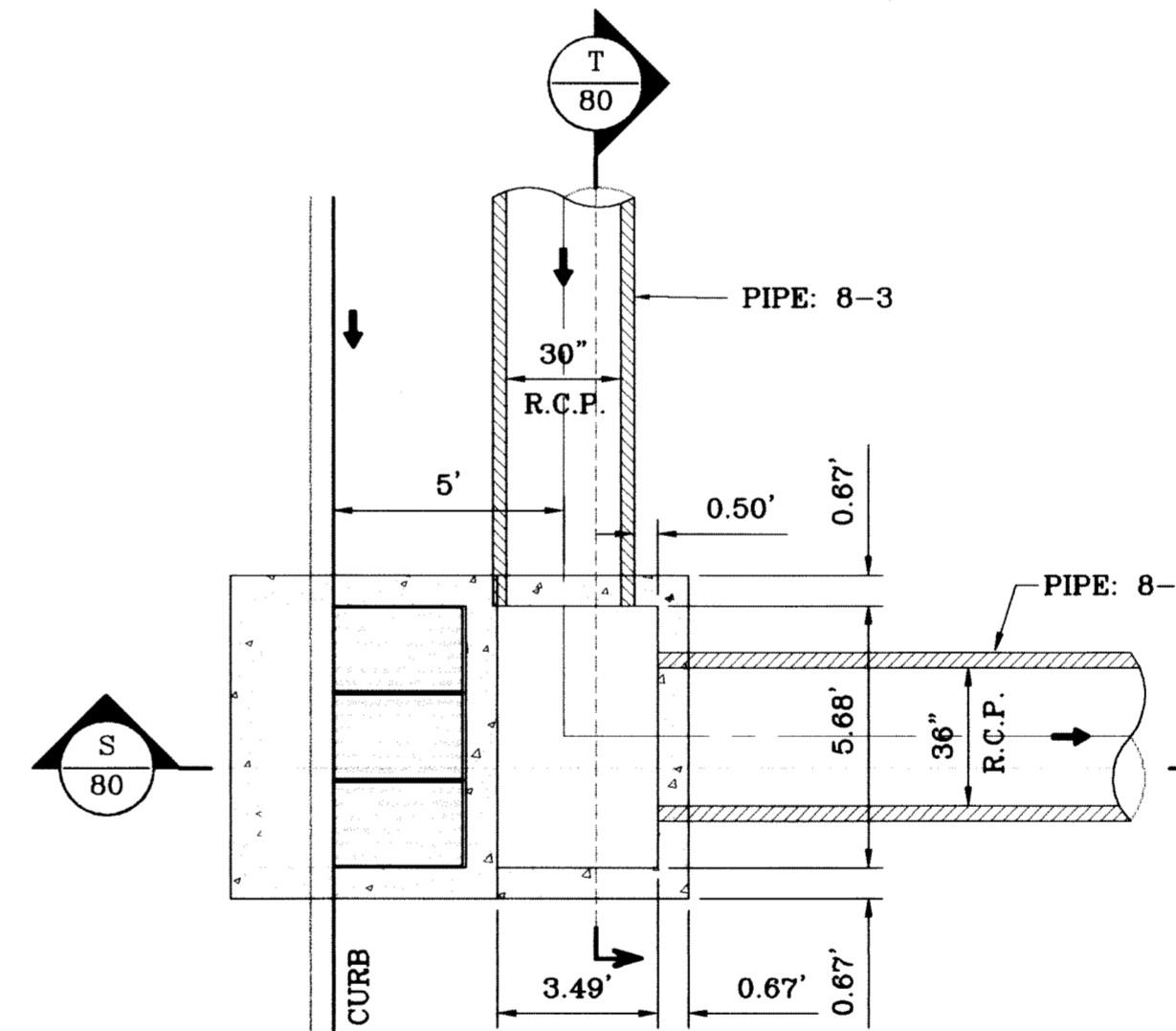
ALL PIPES ARE R.C.P. CLASS III
"O" TYPE UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES:

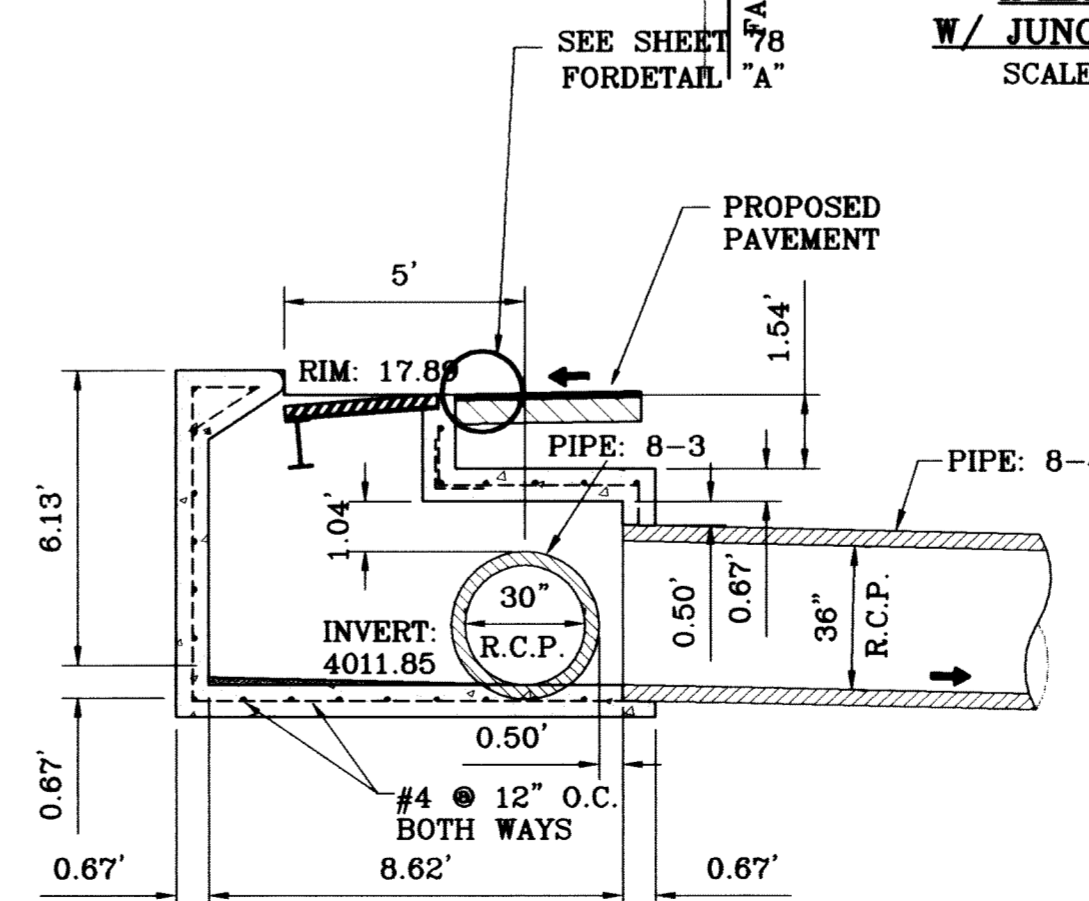
1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.



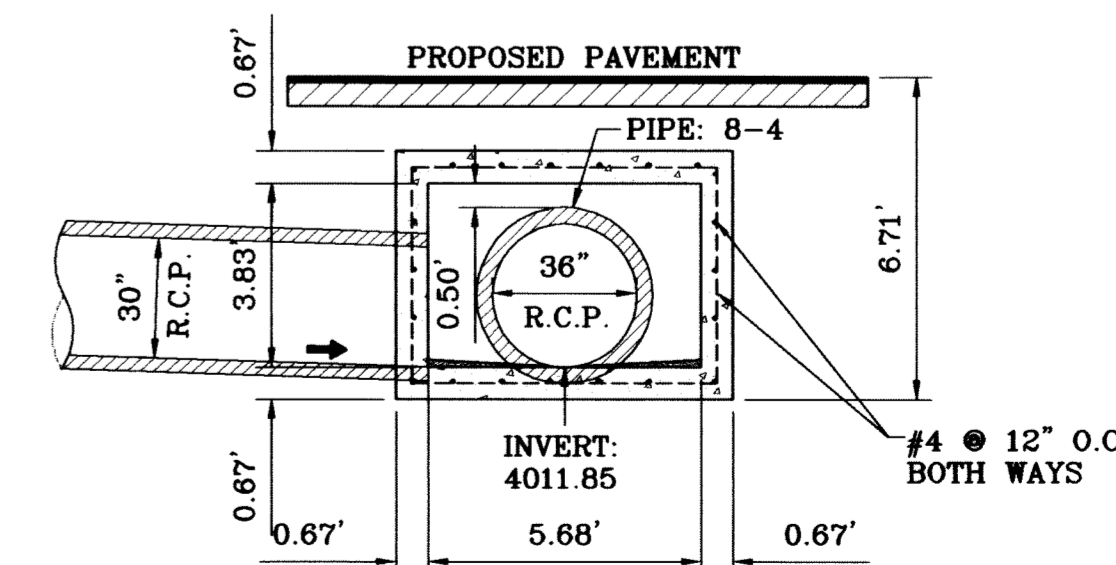
DETAIL A
SCALE: 1"=1'



INLET 8-3
W/ JUNCTION BOX
SCALE: 1"=4'



SECTION S
SCALE: 1"=4'



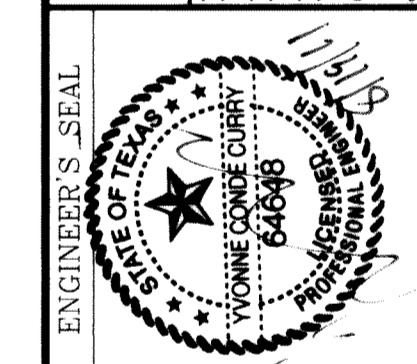
SECTION T
SCALE: 1"=4'

BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEN BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
DATE	11/28/10
REVISIONS	CITY RED LINES
BY	R.R.

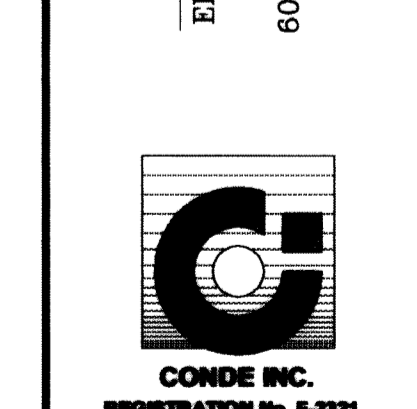
PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, EL PASO COUNTY, TEXAS CONTAINING 140.962 ACRES

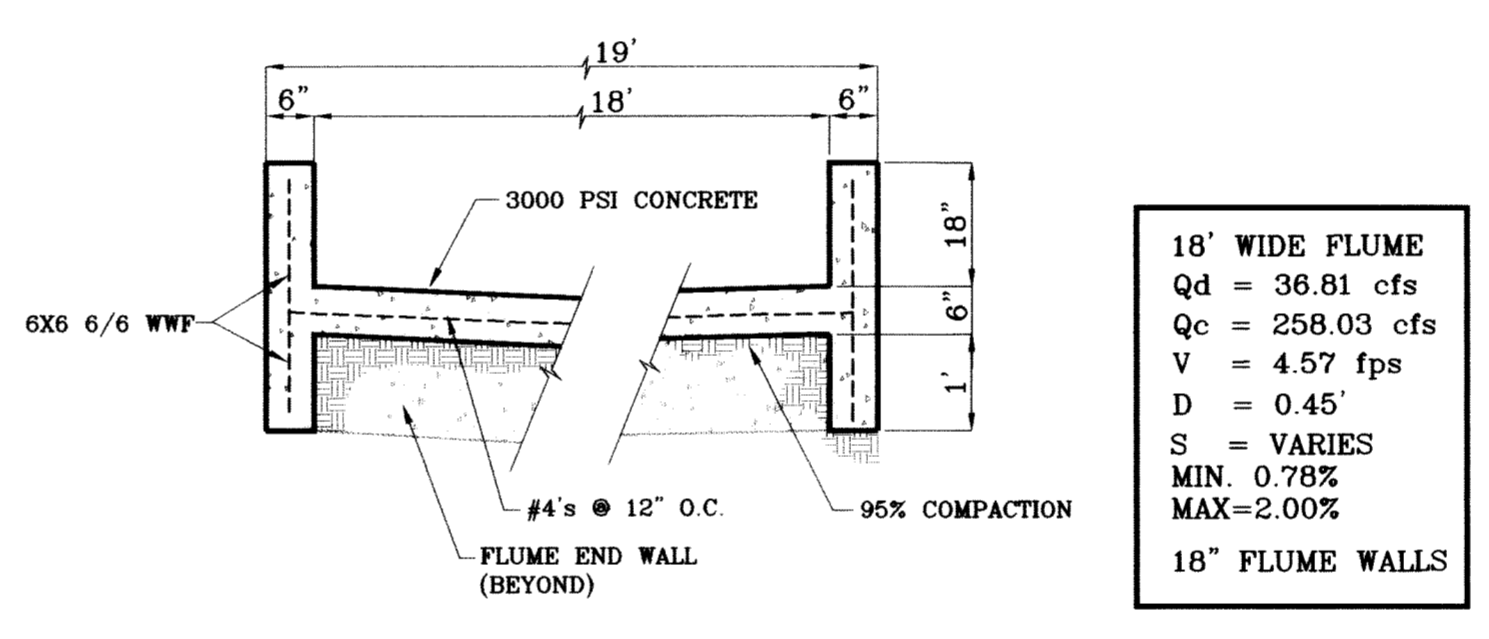
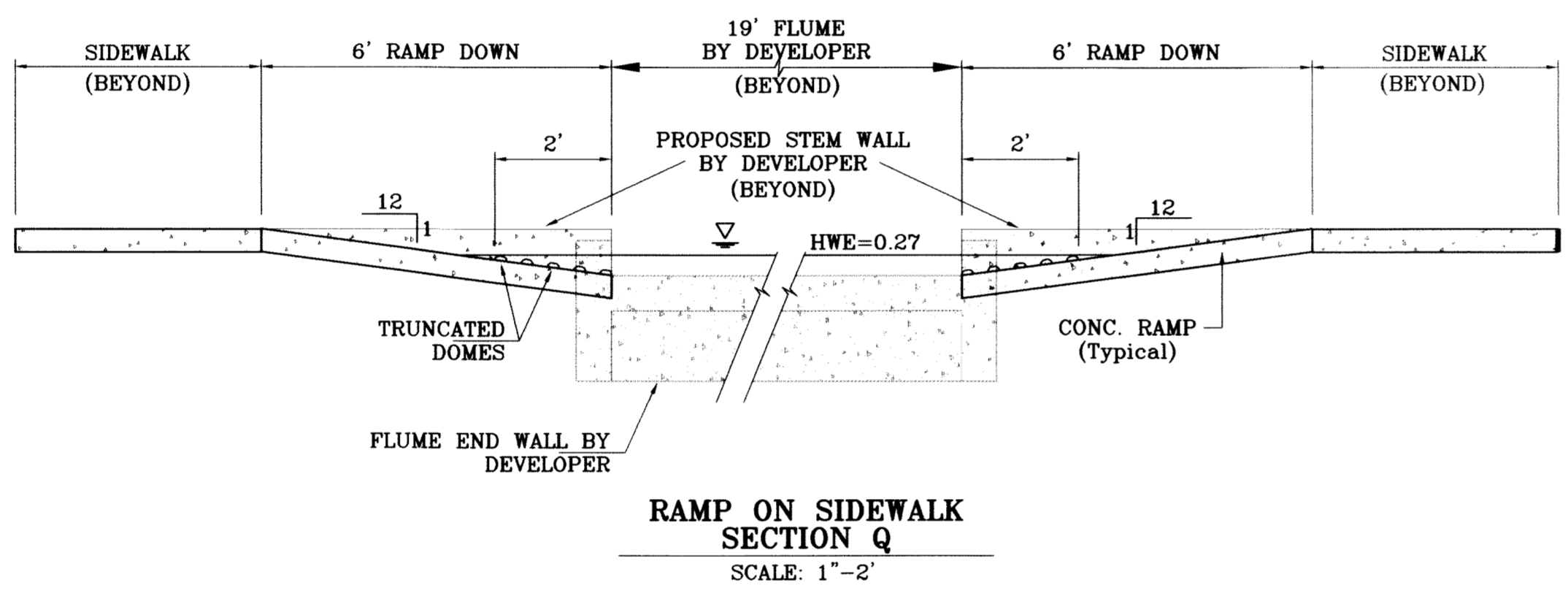
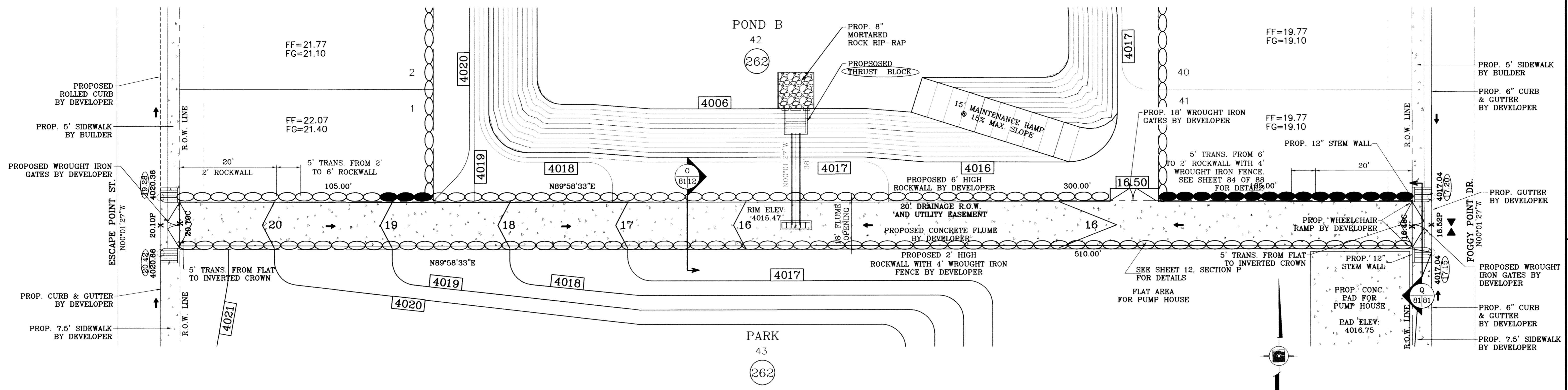
SCALE	HORIZ: 1"=90'
	VERT: 1"=10'
DATE	SEPT. 2008
DESIGN BY	YC
INITIATED BY	EFG
CHECKED BY	YC
JOB NO.	308-81



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
8080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283

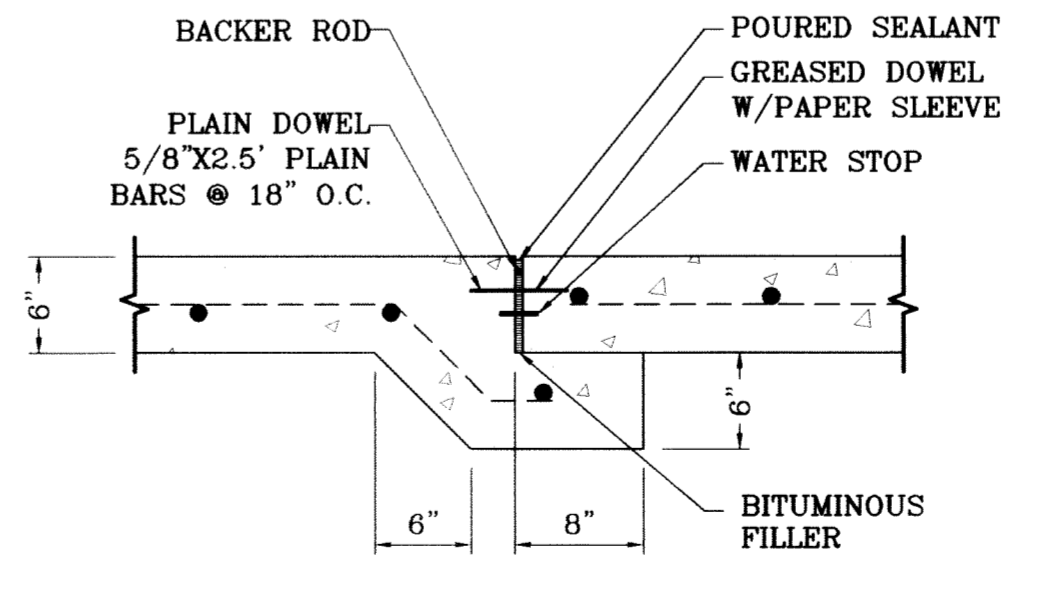
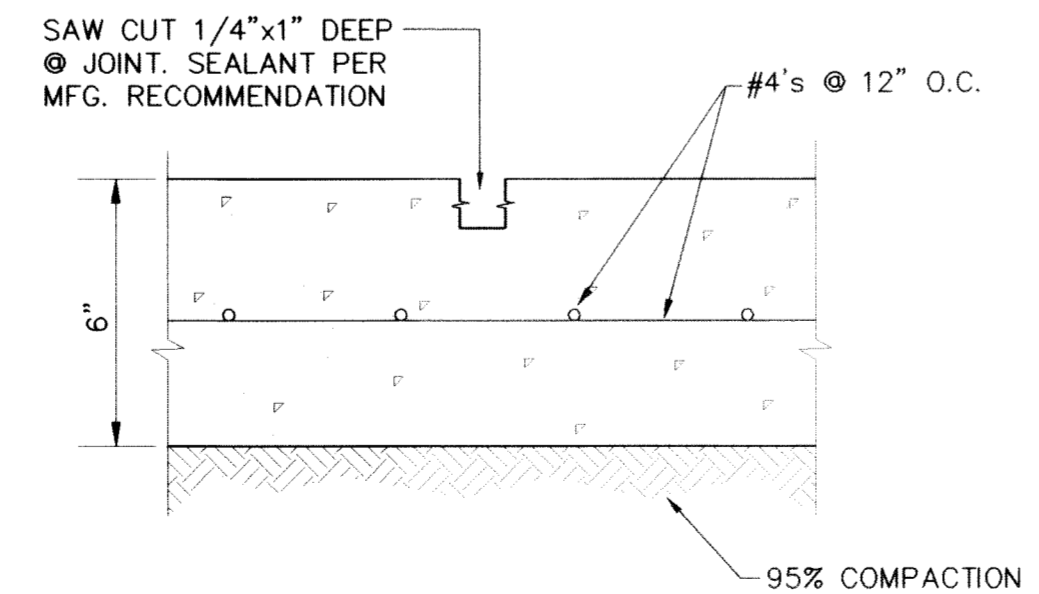


SHEET TITLE
DRAINAGE
STRUCTURE
JUNCTION BOX
SECTIONS
Q-T



- CONSTRUCTION NOTES:**
1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI @ 28 DAYS UNLESS OTHERWISE NOTED.
 2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
 3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
 4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.

CONSTRUCTION JOINTS ARE REQUIRED AT END OF DAYS PAVING OPERATION, OR WHERE PLACING OF CONCRETE IS DISCONTINUED A SUFFICIENT TIME FOR CONCRETE TO SET SPACING 10' O.C.



○ DENOTES AS BUILT CONDITION ONLY

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64

DATE	REVISIONS	BY
10/15/09	CITY REDLINES AS PER 10/07/09 COMMENTS	E.F.G.
11/28/10	CITY REDLINES AS PER 10/20/09 COMMENTS	E.F.G.
08/01/11	CITY REDLINES AS PER 11/28/10 COMMENTS	R.R.
	AS BUILT	F.R.

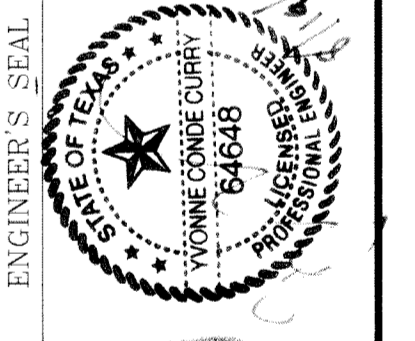
PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CONTAINING 140.962 ACRES

SCALE

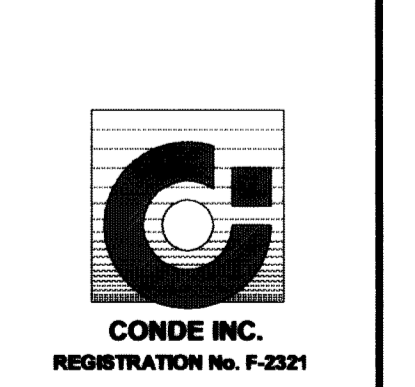
HORIZ: 1"=30'
VERT: 1"=10'

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

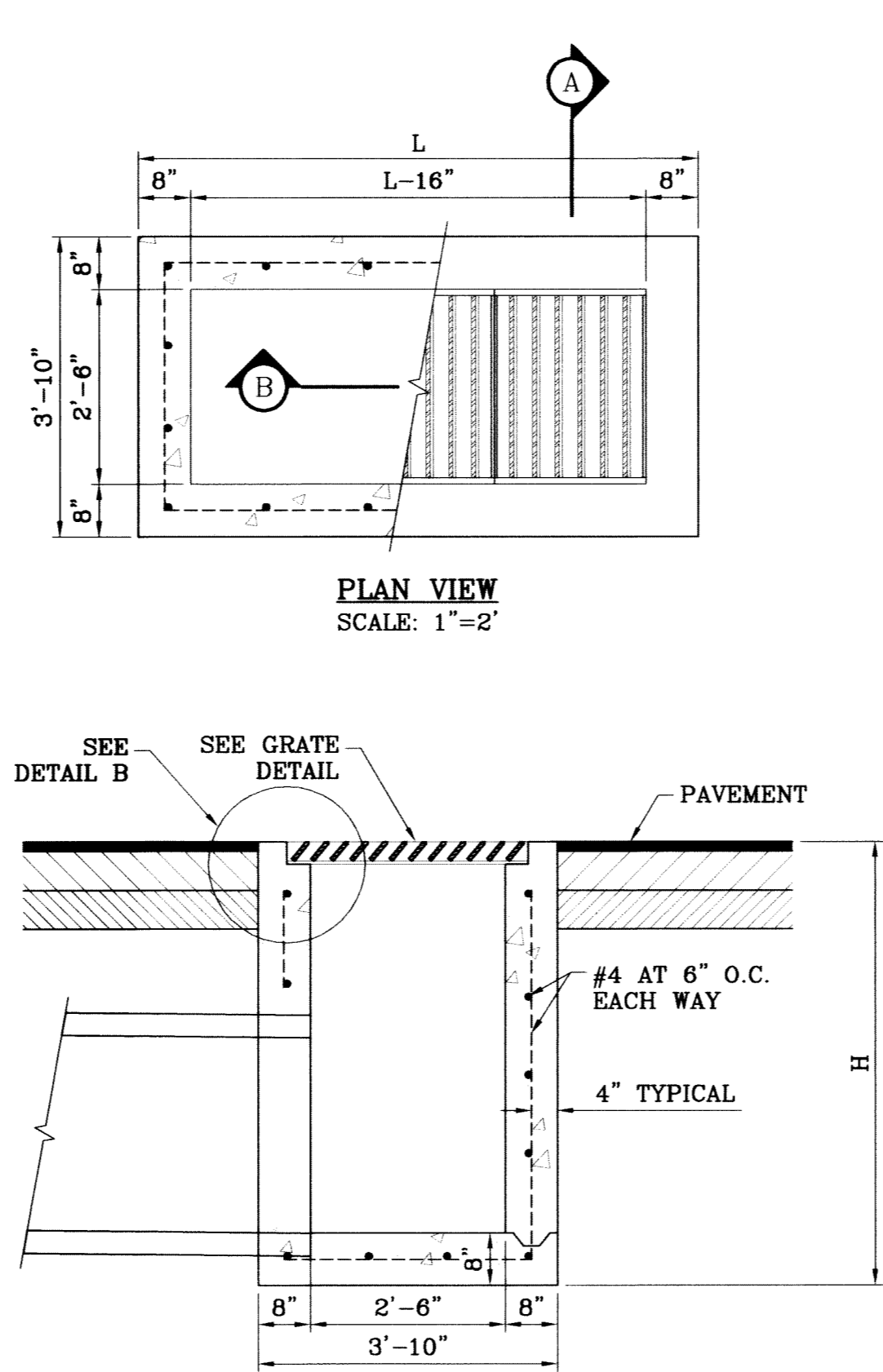
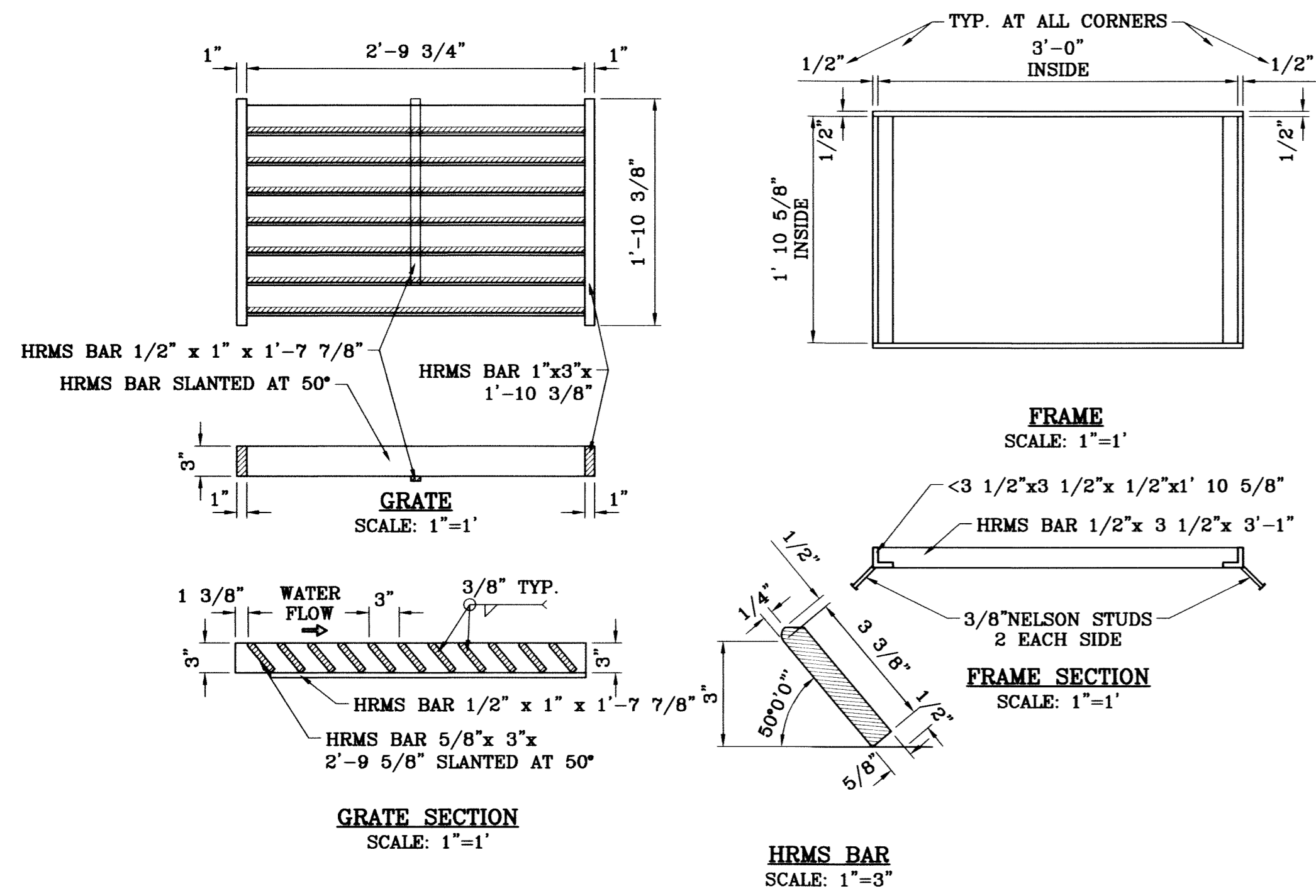


CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS

6080 SURETY DR., STE. 100
EL PASO, TEXAS 79905
(915) 582-0283



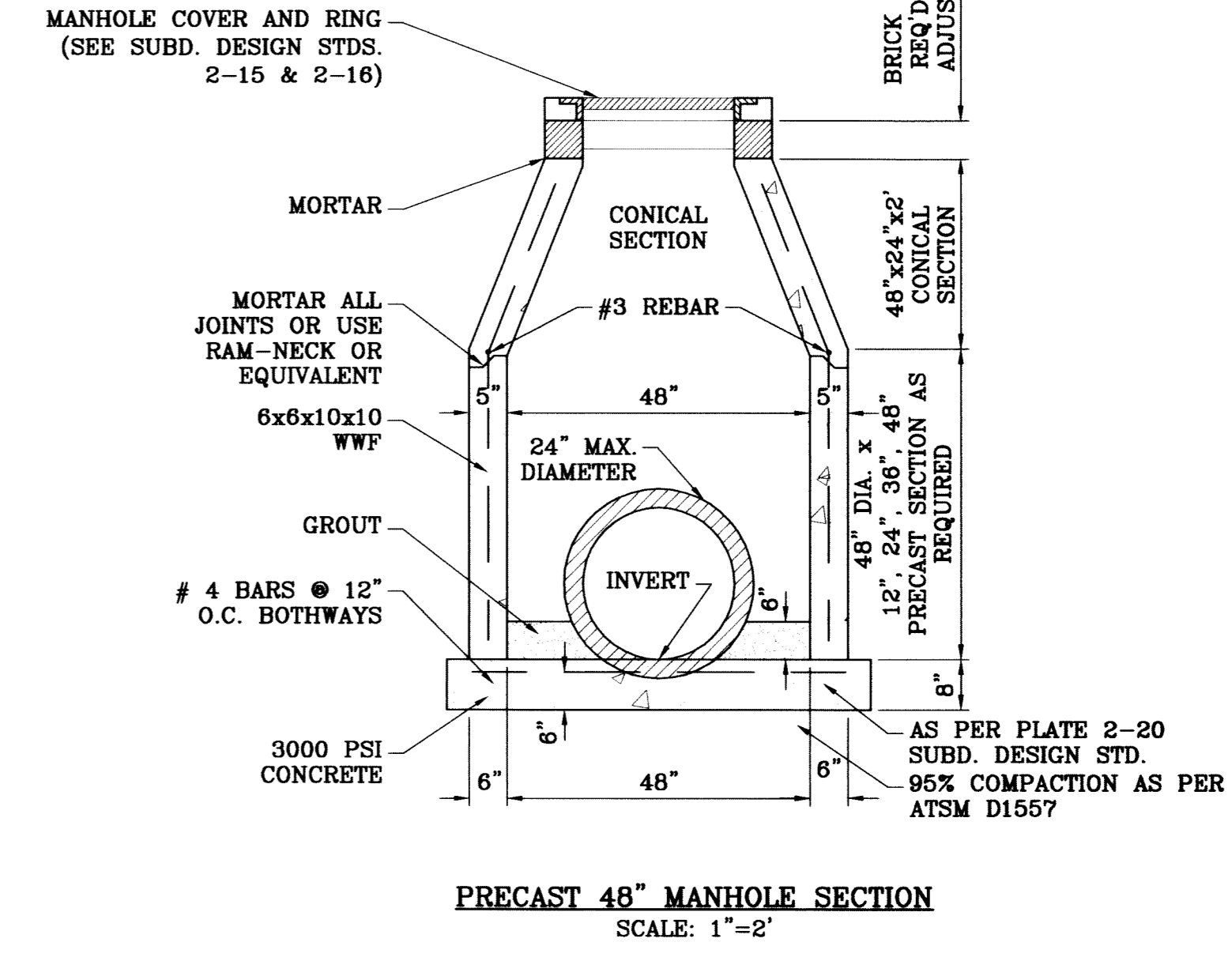
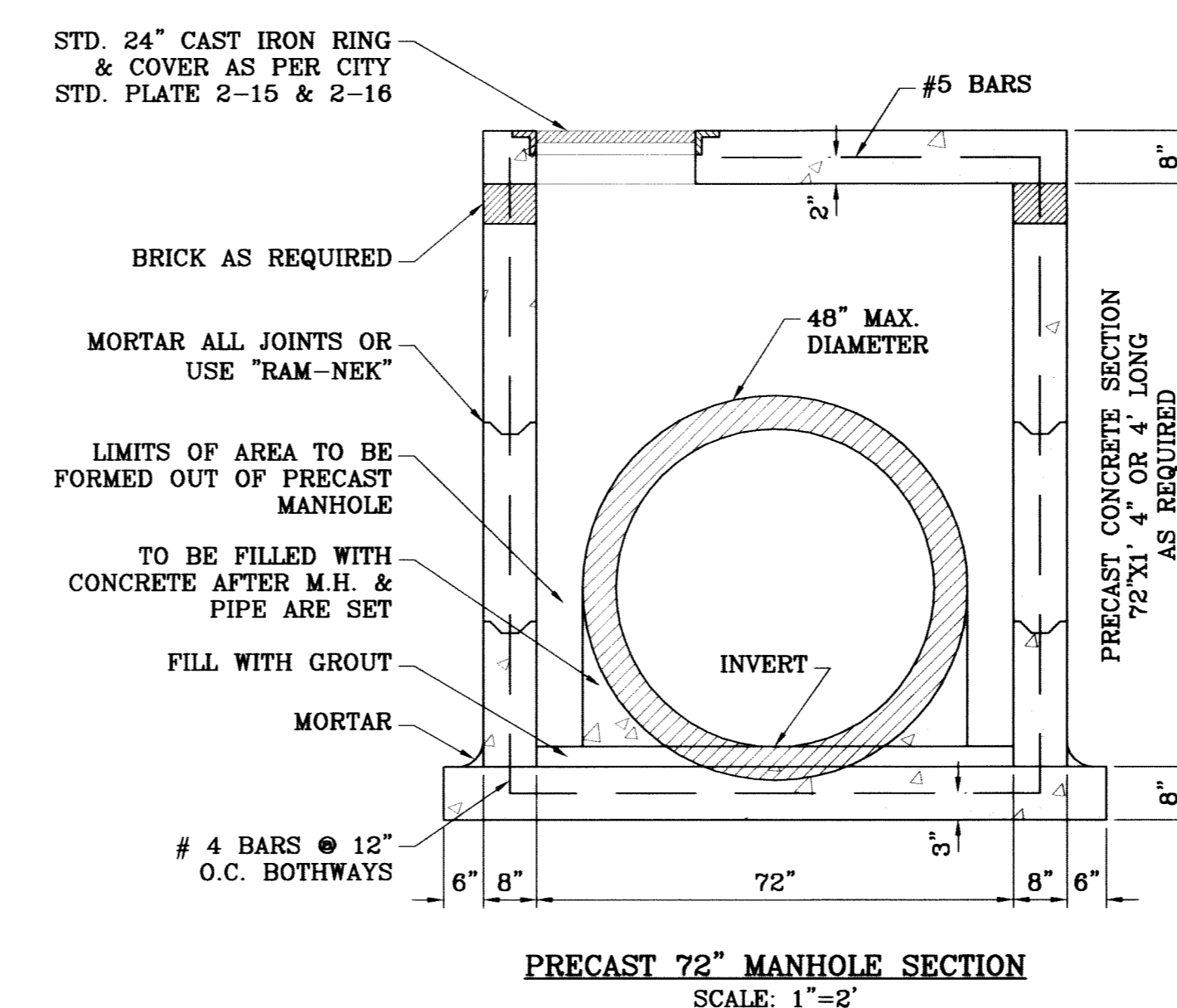
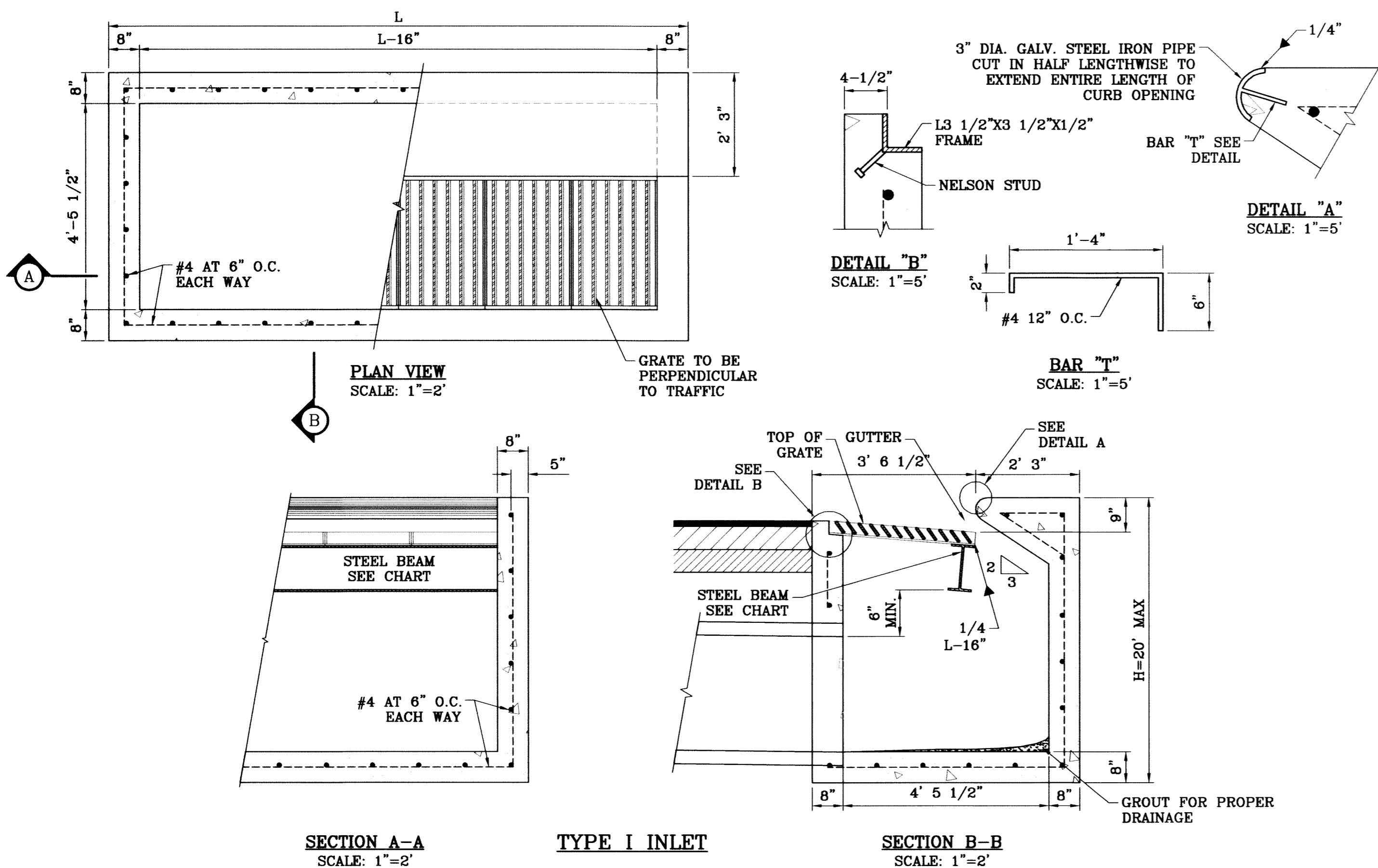
SHEET TITLE
CONCRETE FLUME DETAILS



No. OF GRATES	L
1	3'-2 5/8"
2	5'-2 1/4"
3	7'-1 7/8"
4	9'-1 1/2"
5	11'-1 1/8"
6	13'-0 3/4"
7	15'-0 3/8"
8	17'-0"
9	18'-11 5/8"
10	20'-11 1/4"
11	22'-10 7/8"
12	24'-10 1/2"

TYPE III INLET

No. OF GRATES	L	LENGTH	MINIMUM SIZES
1	3'-2 5/8"	2'-10"	W6x12, S4x13, MC6x8.2
2	5'-1 1/8"	4'-7 1/8"	W6x12, S6x12.5, MC6x15.1
3	7'-0 1/4"	6'-5 1/8"	W8x15, S7x15.3, MC7x17.6
4	8'-9 7/8"	8'-3 7/8"	W9x18, S8x18.4, MC10x21.9
5	10'-8"	10'-2"	W12x16, S8x21, MC10x21.9
6	12'-6 5/8"	12'-0 5/8"	W12x19, S8x23, MC10x25



- GENERAL NOTES:**
- CONCRETE TO BE 3000 P.S.I. MINIMUM CORE TEST AT 28 DAYS.
 - WELDED STEEL OR CAST GRATES AS DETAILED ARE ALL ACCEPTABLE GRATES. MIXING OF ALTERNATE TYPES OF GRATES ON THE SAME PROJECT WILL BE PERMITTED WITH THE APPROVAL OF THE CITY ENGINEER.
 - ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARD SPECIFICATIONS.
 - SHARP EDGES RESULTING FROM FABRICATION SHALL BE DULLED ONLY BY ACCEPTABLE METHODS FOR SAFETY.
 - GRATES SHALL BE INSTALLED IN FRAME WITH FLOW ARROW POINTING DOWNSTREAM OR TOWARD THE LOW POINT IN A SUMP.
 - WELDED GRATES SHALL BE STRUCTURAL STEEL CONFORMING TO THE REQUIREMENTS OF AASHTO M-183 OR OF CORROSION RESISTANT STRUCTURAL STEEL CONFORMING TO THE REQUIREMENTS OF AASHTO M-181 OR M-222 OR BE MADE OF OTHER APPROVED STEELS OF EQUAL QUALITY. MIXING OF GRADES OF STEEL ON THE SAME GRATE WILL NOT BE PERMITTED.
 - GRATES MADE OF M-183 STEEL SHALL BE GALVANIZED IN ACCORDANCE WITH AASHTO M-111 SPECIFICATIONS OR SHALL BE PAINTED WITH INORGANIC ZINC PAINTS, MEETING THE REQUIREMENTS OF CURRENT STANDARD SPECIFICATIONS.
 - ALL WELDS SHALL BE A MINIMUM OF 1/4 INCH FILLED AND SHALL CONFORM TO THE SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AND TO THE AWS STRUCTURAL WELDING CODES. ELECTRODES SHALL BE COMPATIBLE TO THE DIFFERENT GRADES OF STEEL THAT COMPRISE THE GRATE MEMBERS.
 - CAST GRATES SHALL BE CAST STEEL CONFORMING TO THE REQUIREMENTS OF AASHTO M-103, GRADE 65-35 OR OF DUCTILE IRON CONFORMING TO THE REQUIREMENTS OF ASTM A-536, SPECIAL GRADES 60-45, OR OF GRAY IRON CONFORMING TO THE REQUIREMENTS OF AASHTO M-105, CLASS 35B OR ASTM A-48 CLASS 35B. THIS SPECIFICATION OF GENERAL APPLICATION FOR CAST STEEL GRATES SHALL BE AASHTO M-103, SCOPE 121, GRADE N-1.
 - FERRUCUS CASTINGS SHALL BE OF UNIFORM QUALITY FREE OF BLOW-HOLES, POROSITY, HARD SPOTS, SHRINKAGE DISTORTION OR OTHER DEFECTS. THEY SHALL BE SMOOTH AND WELL CLEANED BY SHOT BLASTING OR OTHER APPROVED CLEANING METHOD. AFTER CLEANING THEY SHALL BE COATED WITH ASPHALT BASE PAINT RESULTING IN A SMOOTH COATING, TOUGH AND TENACIOUS WHEN COLD, NOT TACKY, NOT BRITTLE.
 - ALL CASTING SHALL BE MANUFACTURED TRUE TO PATTERN. COMPONENT PARTS SHALL FIT TOGETHER IN A SATISFACTORY MANNER.
 - GRATE WILL BE DEPRESSED 1 INCH BELOW PROPOSED OR EXISTING GRADE.
 - TWO 3/8 INCH X 4 INCH LONG CONCRETE ANCHOR STUDS REQUIRED FOR EACH SIDE OF FRAME, WHERE FRAME IS RESTING ON CONCRETE, USE NELSON STUDS OR EQUAL.
 - THE GRATES OF ALL INLETS WITHIN THE STREET PAVEMENT MUST BE CONSTRUCTED WITH THE GRATE BARS PERPENDICULAR TO THE CURB.
 - CHAMFER ALL EXPOSED EDGES 3/4 INCH. ALL DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTER OF BARS.
 - ALL CONCRETE TO BE 3000 P.S.I. MINIMUM CONCRETE COVER SHALL BE 2 INCH FOR STEEL REINFORCING.
 - EXPANSION MATERIAL TO BE 1/2 INCH BITUMINOUS FIBER AND BE PLACED WHERE PROPOSED CONCRETE COMES IN CONTACT WITH ANY EXISTING OR PROPOSED CONCRETE OR MASONRY STRUCTURE.
 - STRUCTURAL STEEL SHALL BE SHOP PAINTED IN ACCORDANCE WITH T.H.D. ITEM 446 "PAINT AND PAINTING".
 - ALL REINFORCING BARS TO BE #4 BARS AT 6" O.C. GRADE 60. BEND BARS AROUND PIPE OPENINGS.
 - SURFACE OF ALL EXPOSED CONCRETE SHALL CONFORM IN SLOPED AND GRADE TO EXISTING OR PROPOSED CURB AND WALK ADJACENT TO INLETS.
 - INLETS TO BE DESIGNATED IN PLANS BY NUMBER OF GRATES REQUIRED.
 - LOCATION OF SEWER PIPES SHOWN ELSEWHERE IN PLANS.

BENCHMARK
 CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
 REVISIONS
 DATE 12/05/08
 CITY REVISIONS AS PER 11/26/08 COMMENTS E.F.G.

PROJECT NAME
TERRIA DEL ESTE UNIT SIXTY TWO
 BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND RICH BEEM BLVD. COUNTY TRAKS, CONTAINING 140.962 ACRES

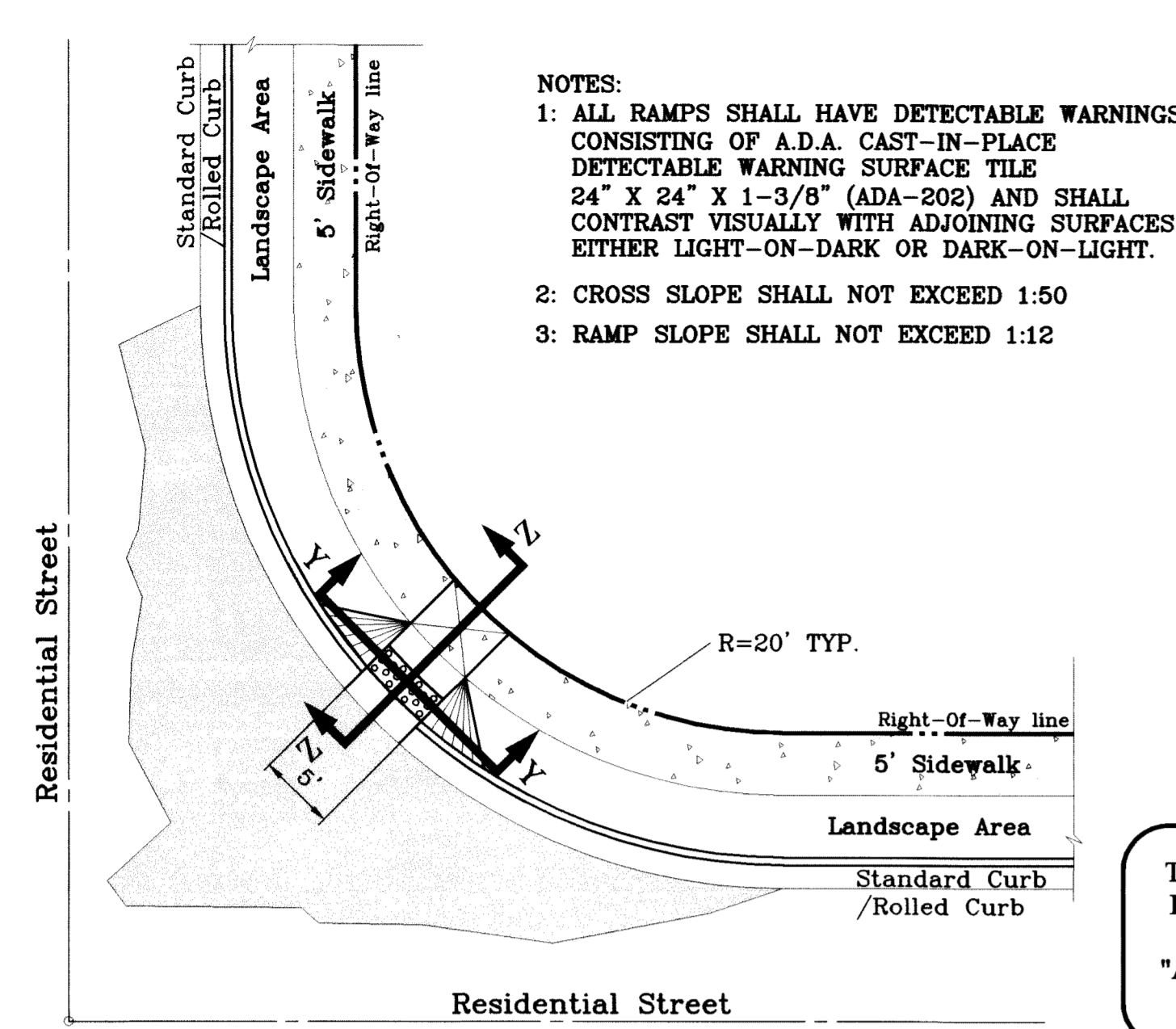
S C A L E
 HORIZ: AS NOTED
 VERT: ---

ENGINEER'S SEAL
 ENGINEER'S SEAL NOT REQUIRED. THIS SHEET IS PRODUCED FROM CITY SUBDIVISION DESIGN STANDARDS

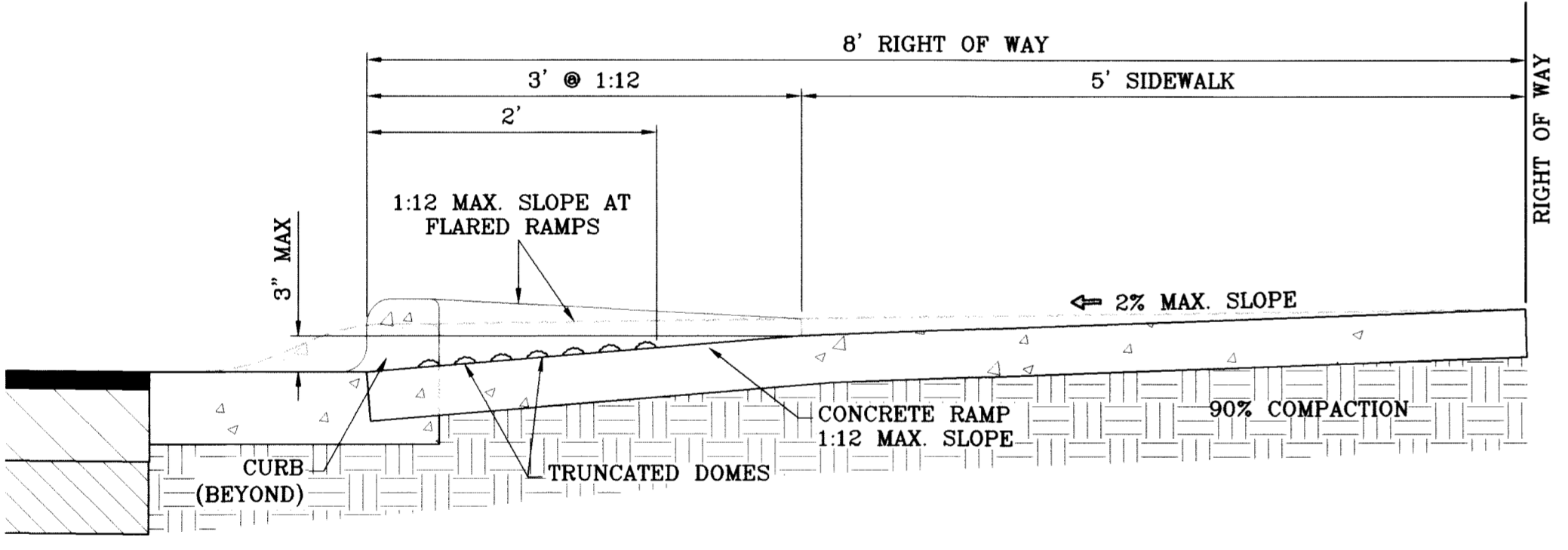
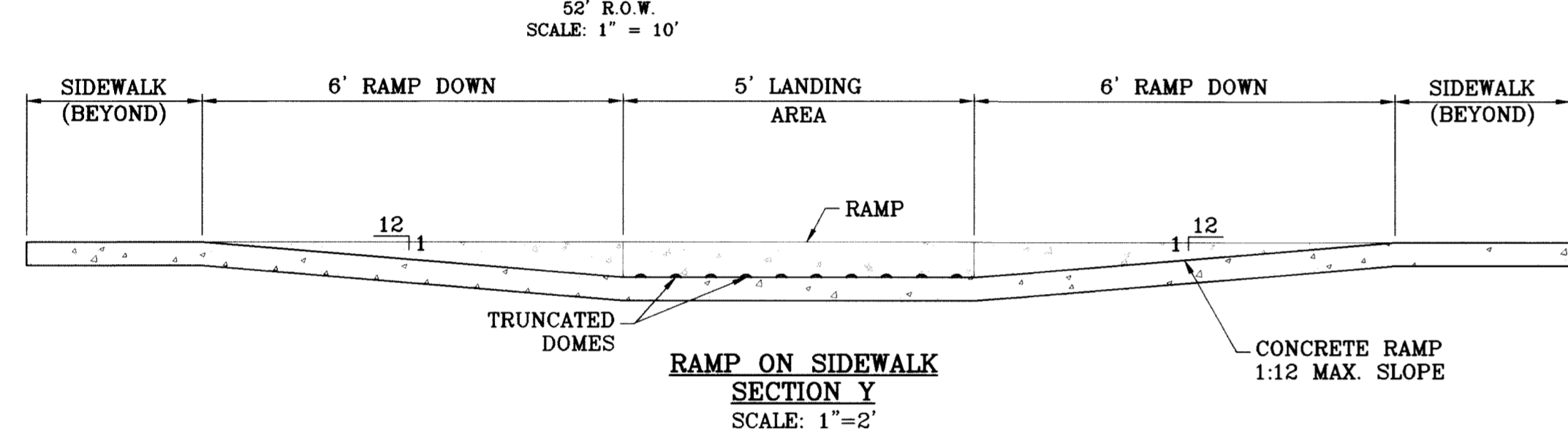
CONDE INC.
 ENGINEERING / PLANNING SURVEYING / GPS
 6080 SURETY DR., STE. 100
 EL PASO, TEXAS 79905
 (915) 592-0283

SHEET TITLE
STRUCTURE DETAILS

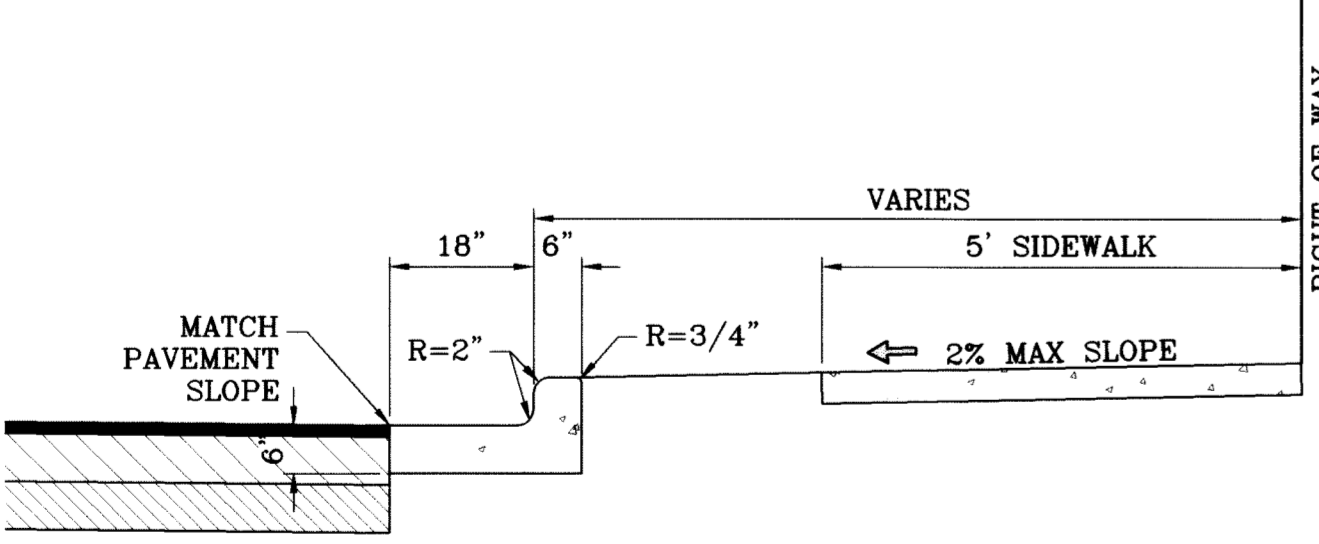
SHT 82 OF 88



RAMP ON SIDEWALK AT STANDARD / ROLLED CURB (WHEELCHAIR RAMPS TO BE INSTALLED BY DEVELOPER)
 SCALE: 1" = 10'

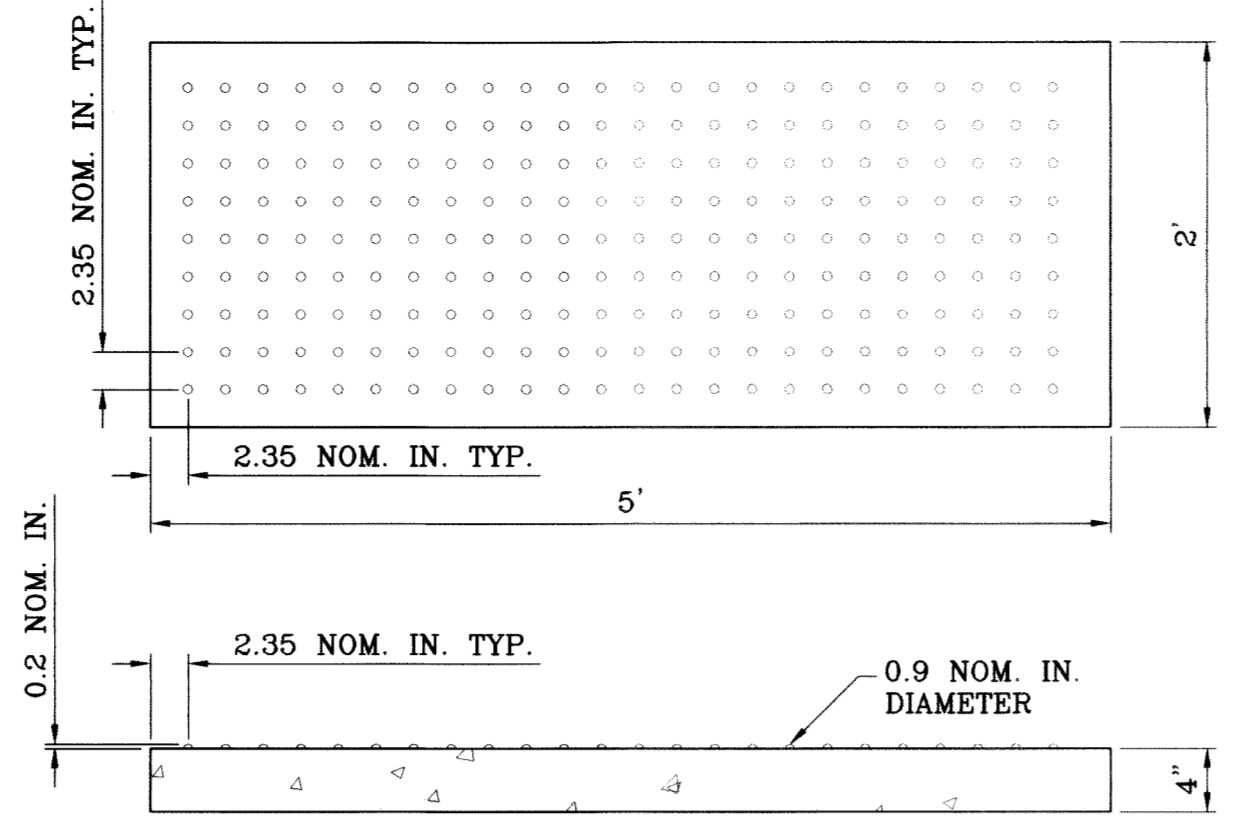


TYPICAL WHEELCHAIR RAMP AT 4" ROLLED CURB/6" CURB & GUTTER SECTION Z
 SCALE: 1" = 1'

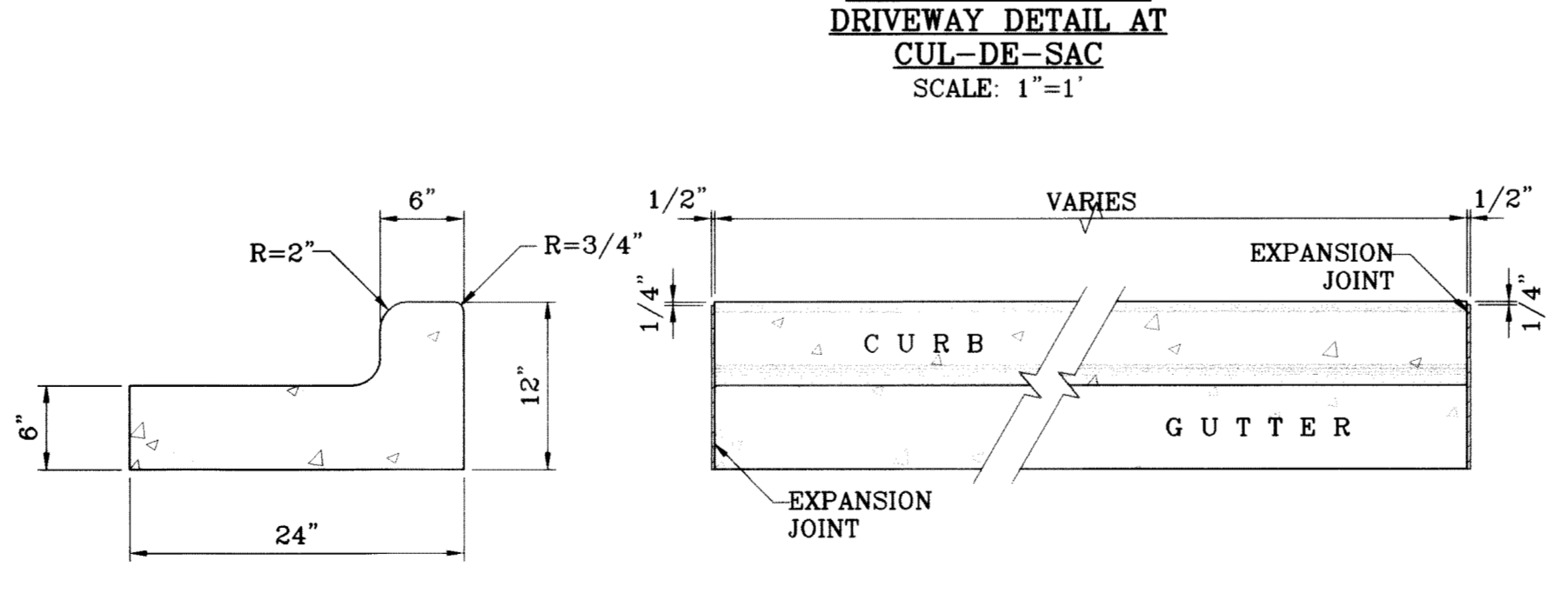
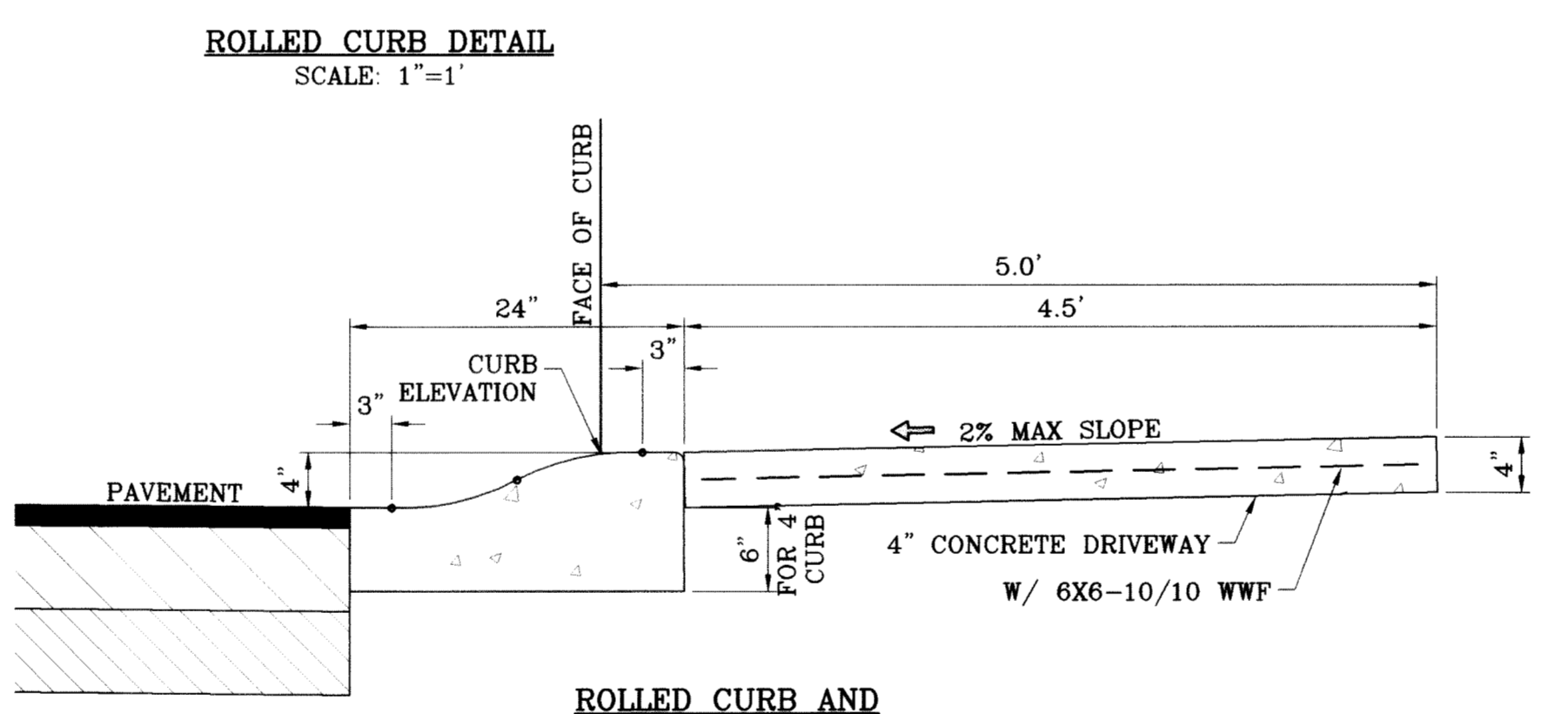
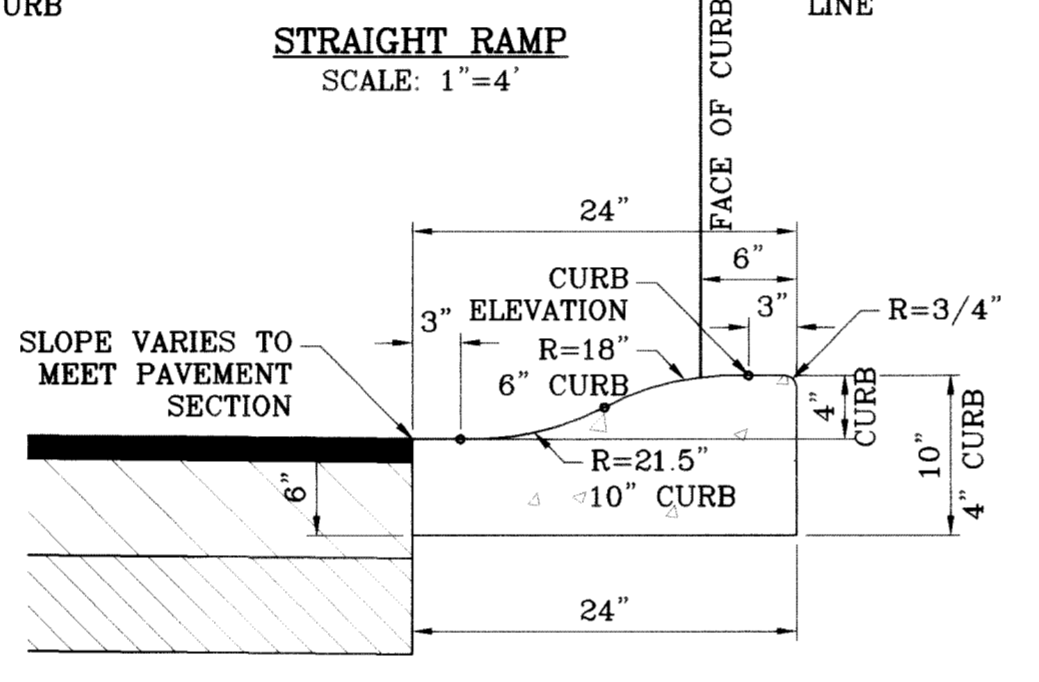
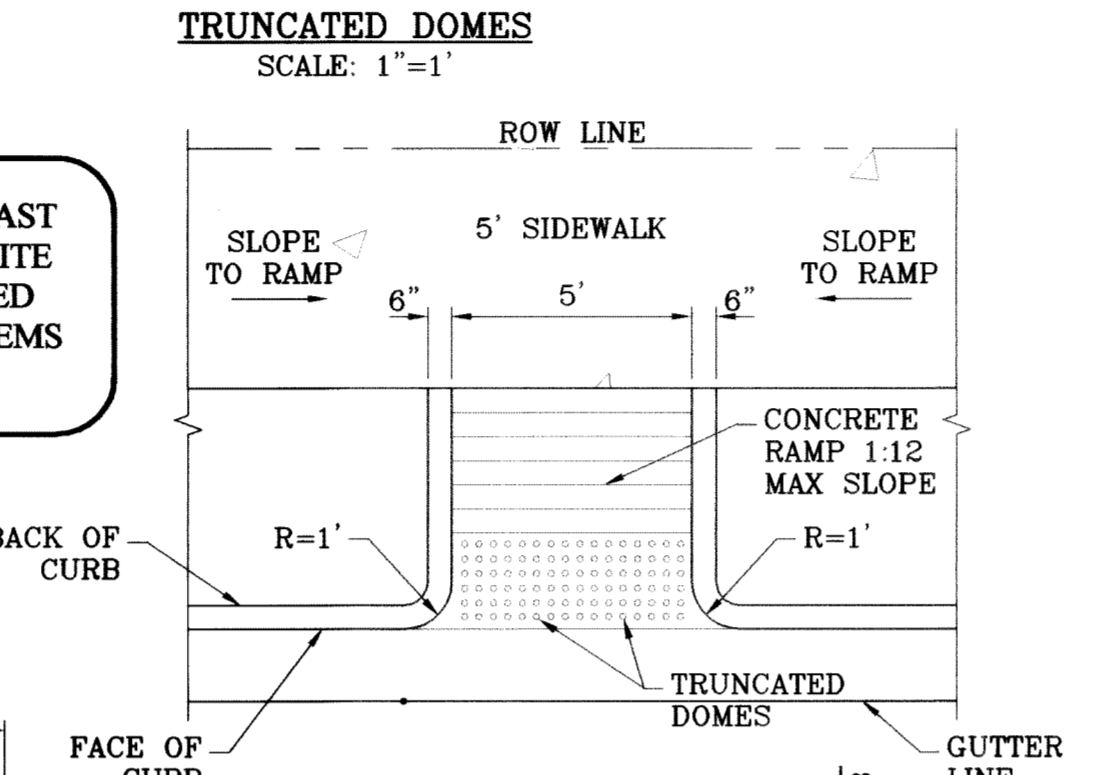


- NOTES:**
1. CONCRETE SHALL BE 3000 P.S.I. MINIMUM.
 2. DUMMY JOINTS REQUIRED AT 10' O.C. FOR CURB/GUTTER AND 5' O.C. FOR SIDEWALK.
 3. EXPANSION MATERIAL REQUIRED AT CURB RETURNS WITH 1/2" PREMOLED ASPHALT IMPREGNATED EXPANSION MATERIAL OR EQUAL.
 4. EXPANSION JOINTS REQUIRED AT 50' O.C. WHEN FORMING FOR CURBS.
 5. WHENEVER SIDEWALK ABUTS ROCK OR MASONRY STRUCTURES SUCH AS CURBS OR BUILDINGS, EXPANSION JOINT FILLER SHALL BE USED IN ACCORDANCE WITH STANDARD SPECIFICATIONS.

CURB & GUTTER AND SIDEWALK DETAIL
 SCALE: 1" = 2'



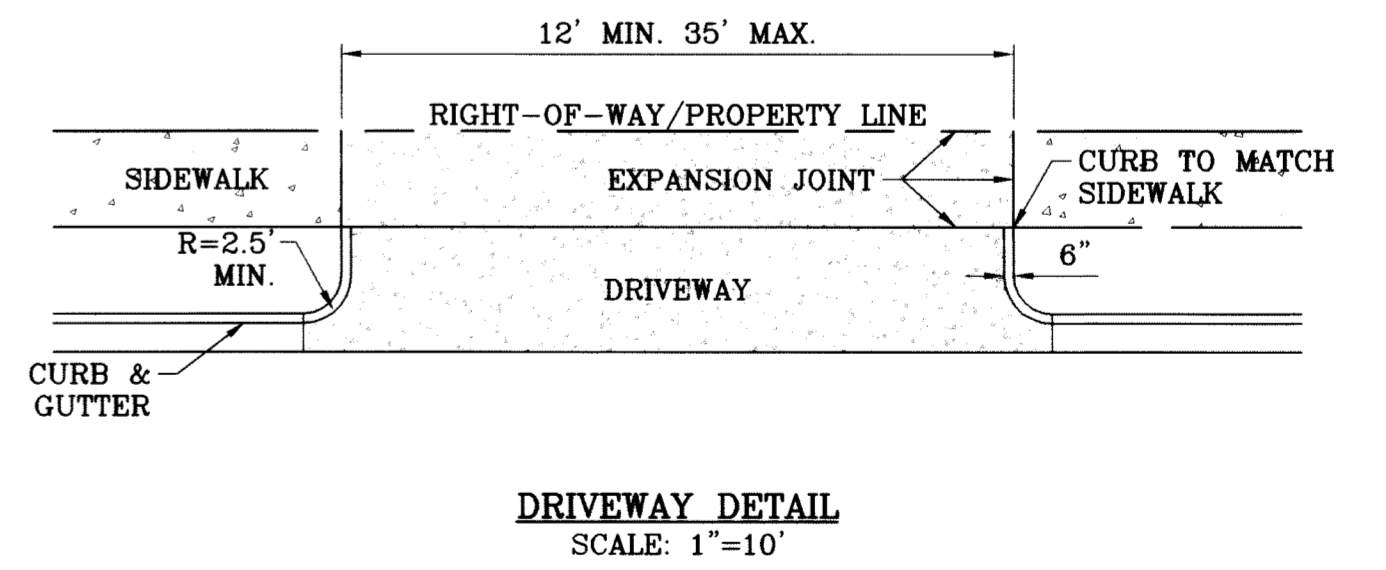
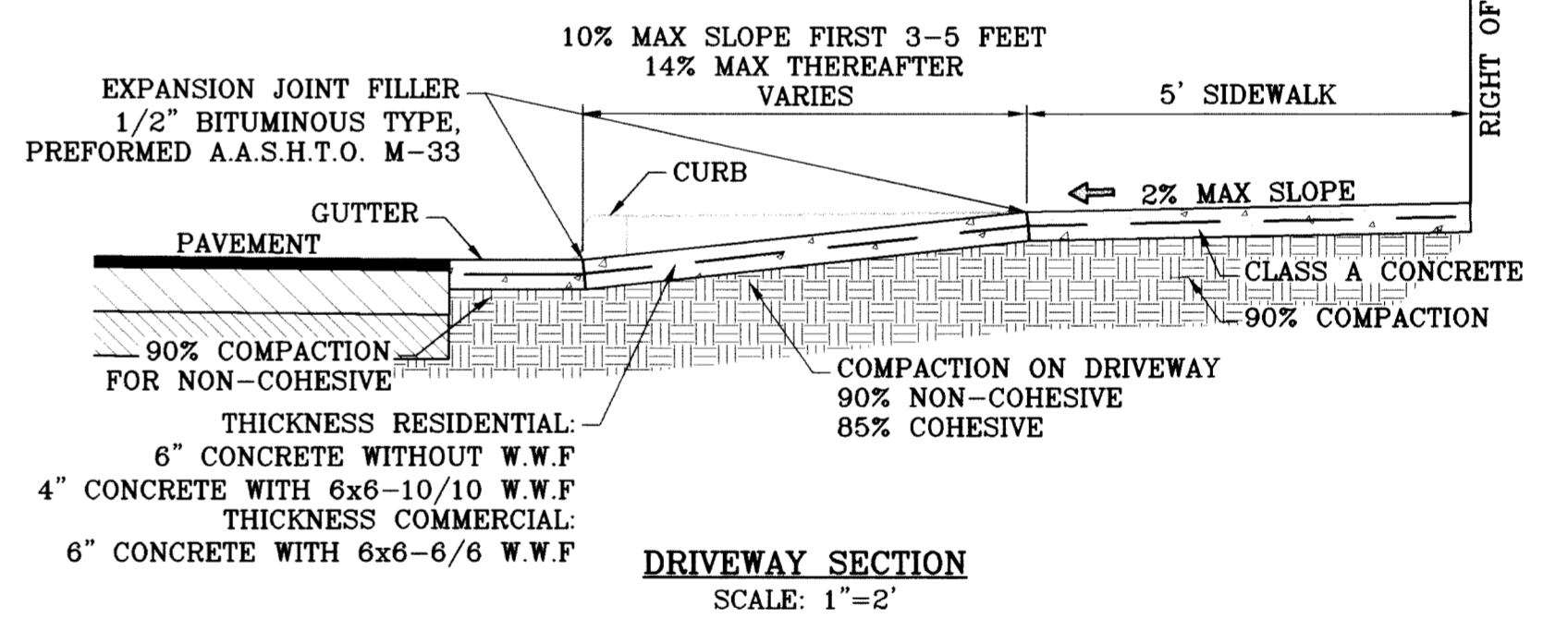
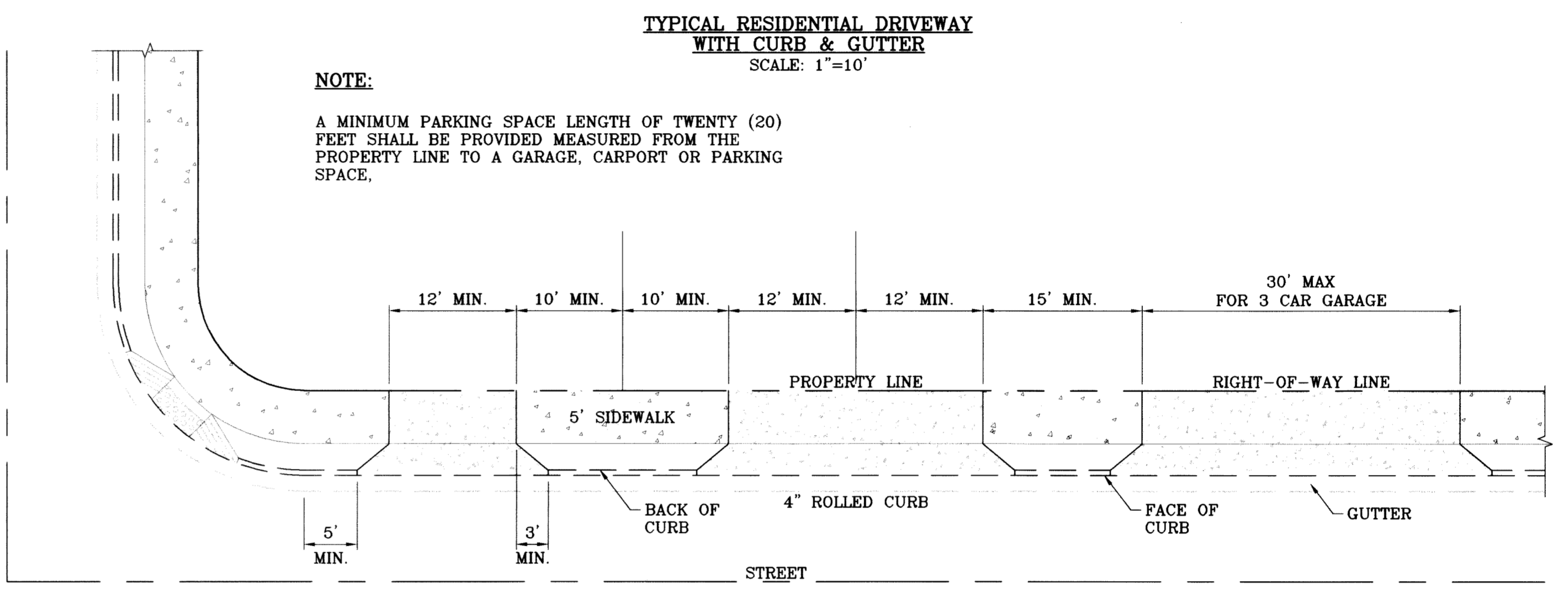
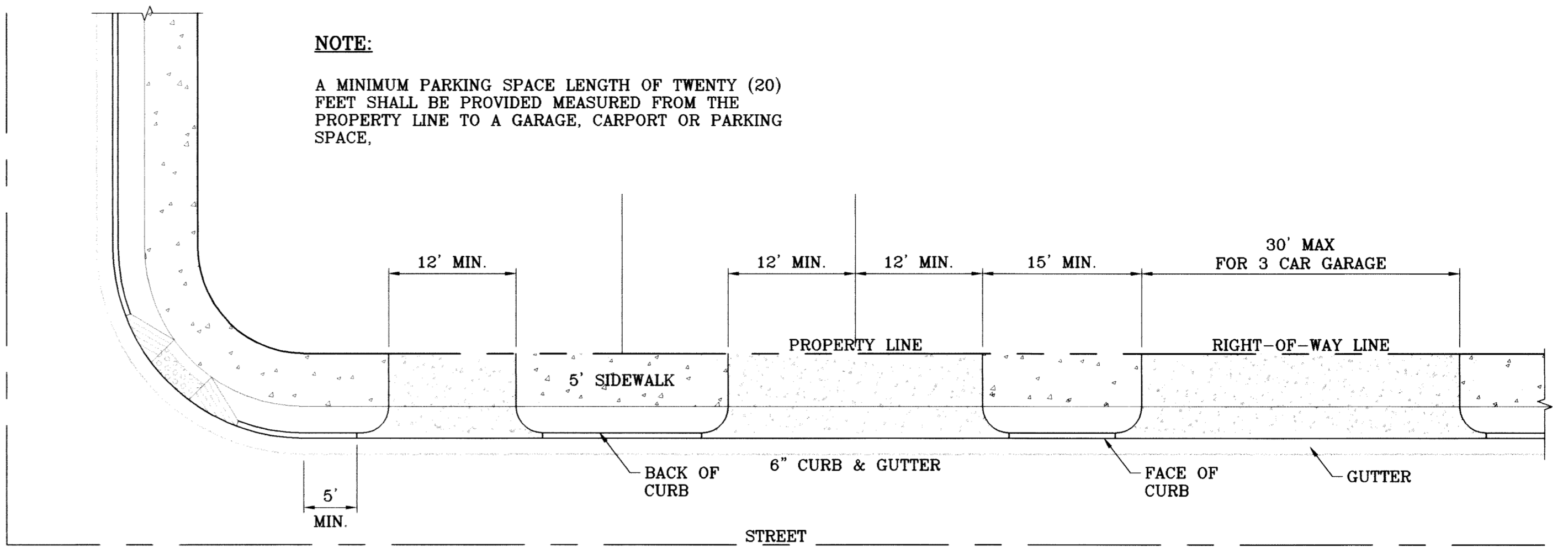
TRUNCATED DOMES TO BE CAST IN PLACE POLYMER COMPOSITE TILE SYSTEM, ADA CERTIFIED "ARMOR TILE" TACTILE SYSTEMS OR APPROVED EQUAL



END SECTION
 SCALE: 1" = 1'

- NOTES:**
1. NO EXPANSION JOINT WILL BE REQUIRED EXCEPT AT THE END OF CURB RETURNS. (POINT OF TANGENCY WITH STRAIGHT LINE).
 2. CONTRACTION JOINTS (1/2" INCH MIN.) MUST BE SCORD EVERY 10 FEET IN CURB AND GUTTER.
 3. ALL EXPANSION JOINTS WILL BE OF PREFORMED BITUMINOUS FIBER 1/2" INCH THICK.
 4. CONCRETE: CLASS "A" 3000 PSI.
 5. EXPANSION JOINTS REQUIRED AT 5' O.C. WHEN FORMING FOR CURBS.

CURB & GUTTER DETAIL
 SCALE: 1" = 1'



DRIVEWAY DETAIL
 SCALE: 1" = 10'

NOTE:
 A MINIMUM PARKING SPACE LENGTH OF TWENTY (20) FEET SHALL BE PROVIDED MEASURED FROM THE PROPERTY LINE TO A GARAGE, CARPORT OR PARKING SPACE.

NOTE:
 A MINIMUM PARKING SPACE LENGTH OF TWENTY (20) FEET SHALL BE PROVIDED MEASURED FROM THE PROPERTY LINE TO A GARAGE, CARPORT OR PARKING SPACE.

PROJECT NAME: TIERRA DEL ESTE UNIT SIXTY TWO
SCALE: AS NOTED
HORIZ. AS NOTED
VERT.: ---
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-81

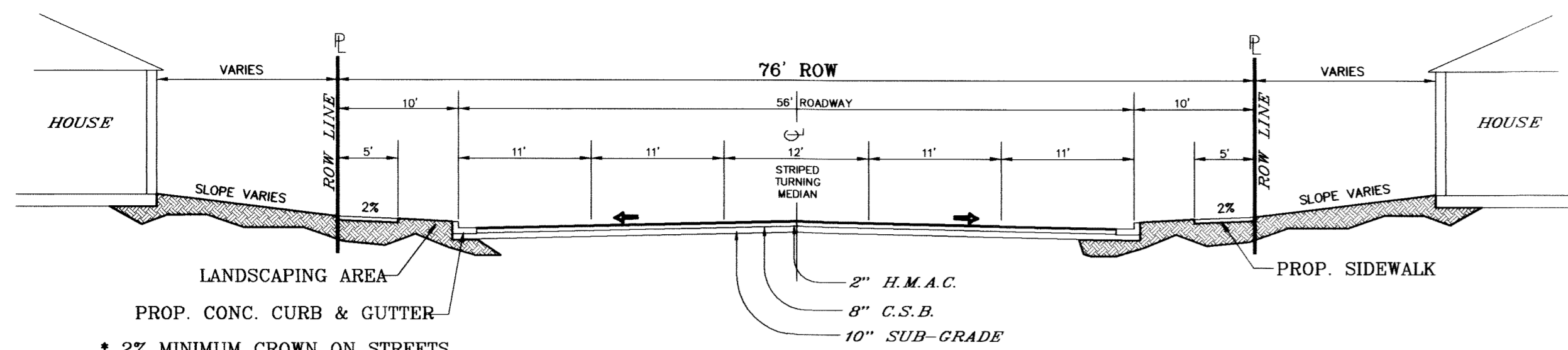
ENGINEER'S SEAL:
 ENGINEER'S SEAL
 NOT VALID UNLESS
 THIS SEAL IS
 IS PRODUCED
 FROM CITY
 SUBDIVISION
 DESIGN STANDARDS

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (815) 592-0283

ENGINEER'S SEAL:
 ENGINEER'S SEAL
 NOT VALID UNLESS
 THIS SEAL IS
 IS PRODUCED
 FROM CITY
 SUBDIVISION
 DESIGN STANDARDS

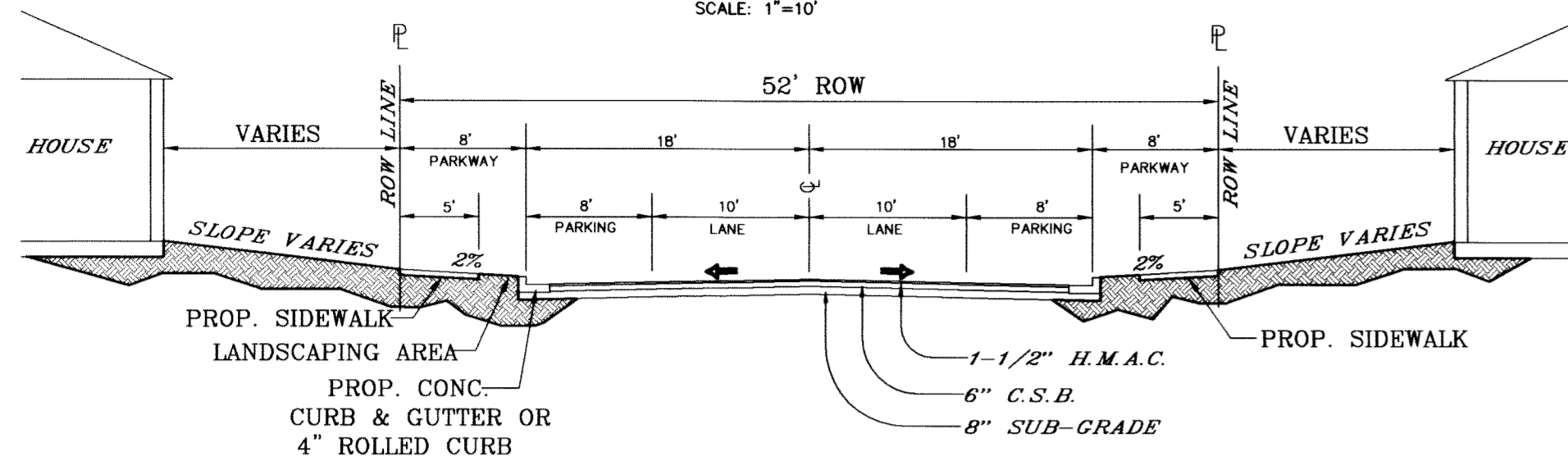
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR., STE 100
 EL PASO, TEXAS 79905
 (815) 592-0283

SHEET TITLE: STANDARD DETAILS
SHT 83 OF 88



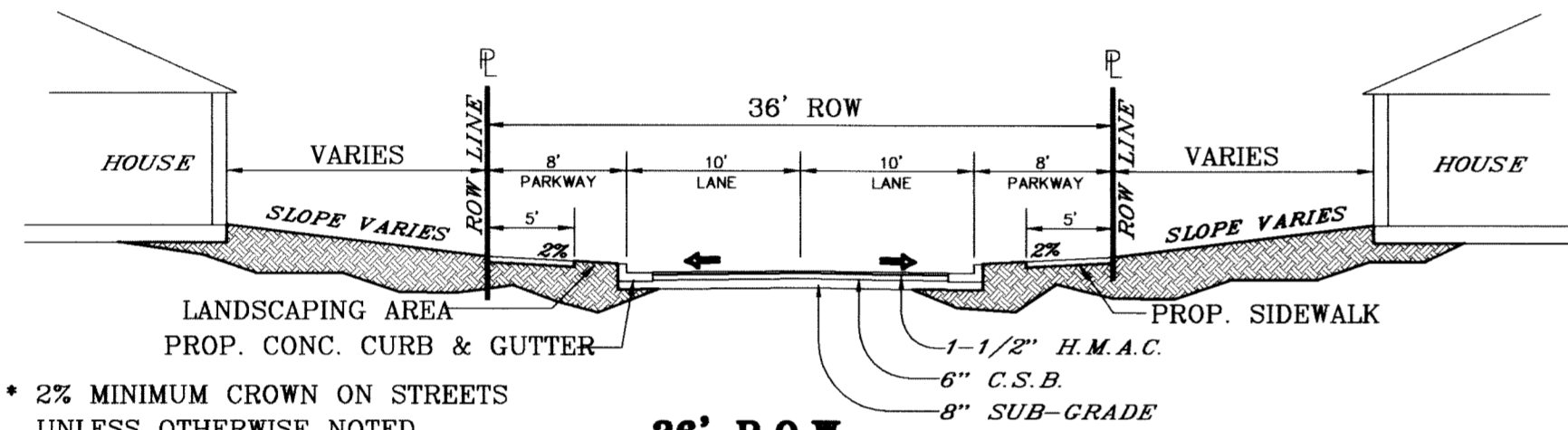
**76' R.O.W.
MINOR ARTERIAL STREET**
SCALE: 1"=10'

* 2% MINIMUM CROWN ON STREETS UNLESS OTHERWISE NOTED.



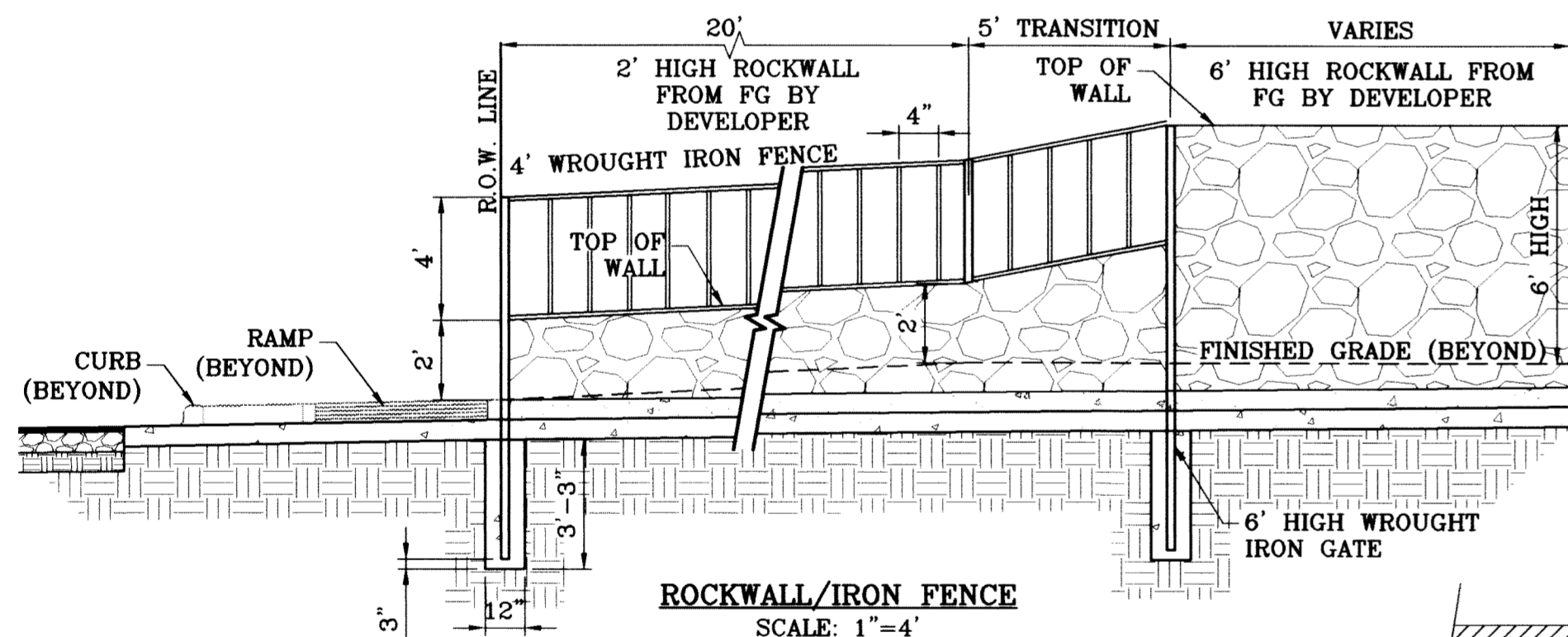
**52' R.O.W.
RESIDENTIAL SUBCOLLECTOR STREET**
SCALE: 1"=10'

* 2% MINIMUM CROWN ON STREETS UNLESS OTHERWISE NOTED.

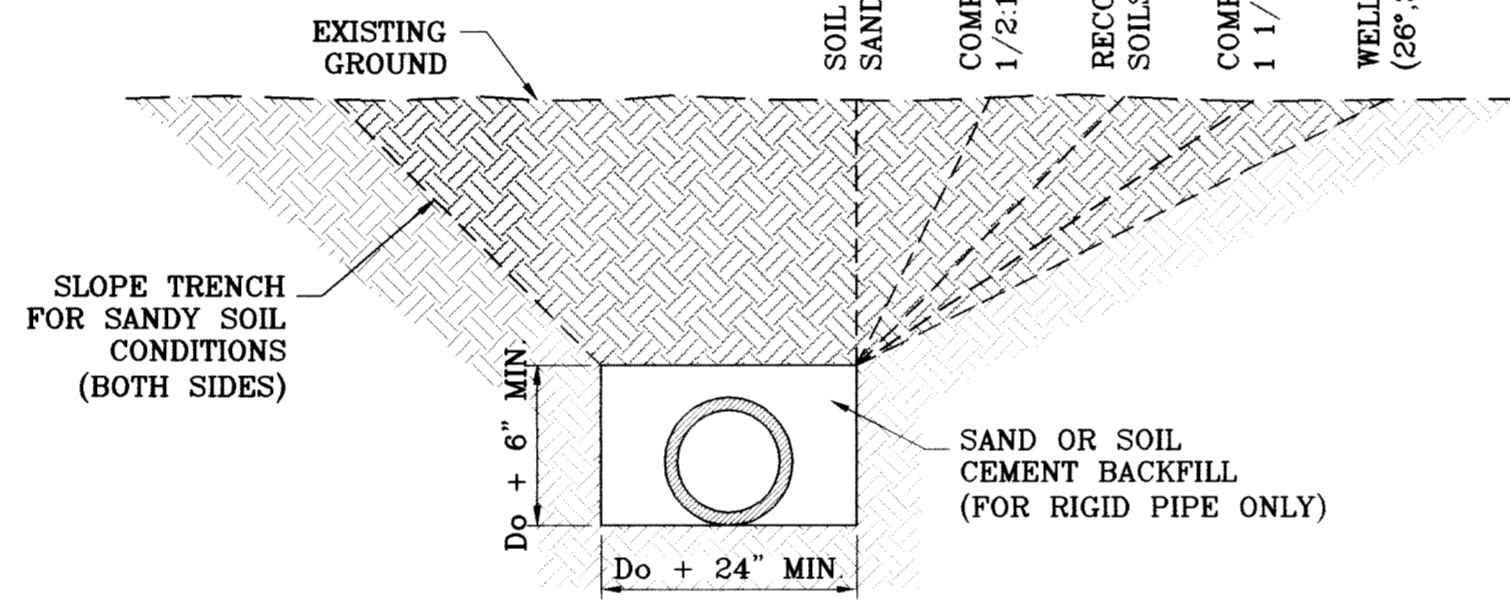


**36' R.O.W.
MINOR RESIDENTIAL ACCESS STREET**
SCALE: 1"=10'

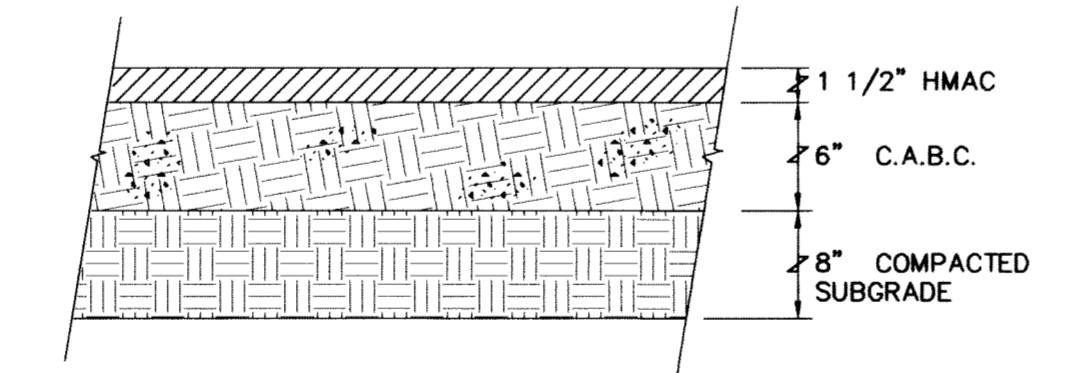
* 2% MINIMUM CROWN ON STREETS UNLESS OTHERWISE NOTED.



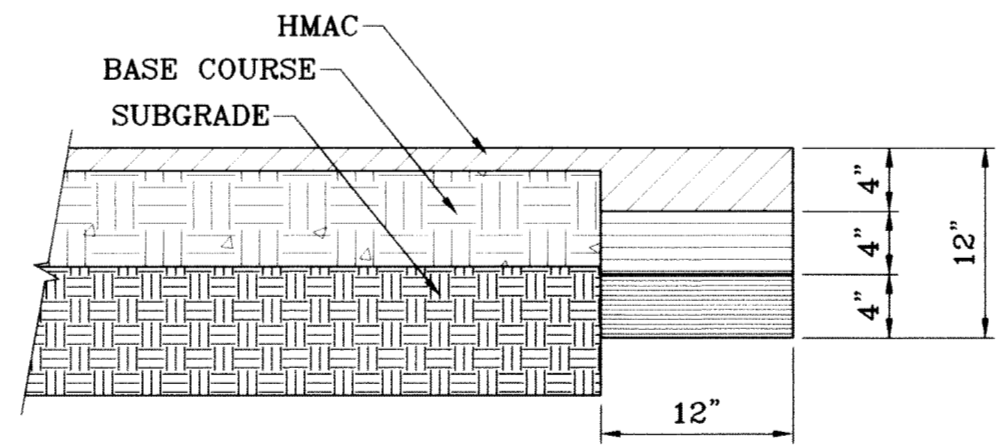
ROCKWALL/IRON FENCE
SCALE: 1"=4'



TYPICAL TRENCH SECTION
SCALE: 1"=3'

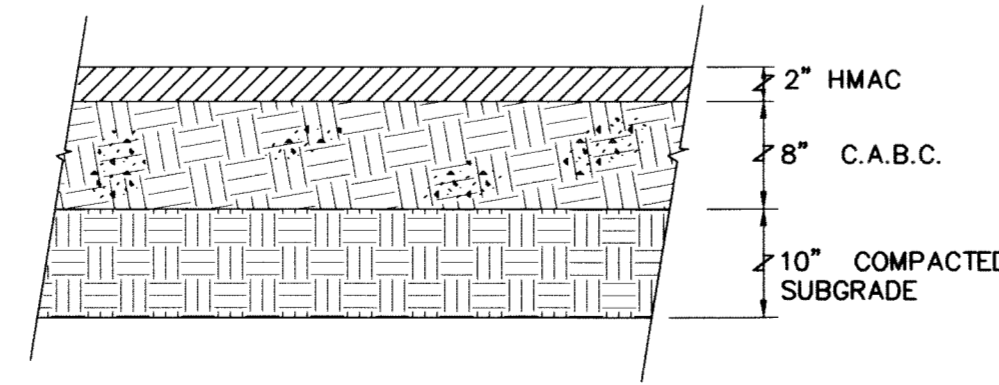


**TYPICAL PAVEMENT SECTION
52' RESIDENTIAL SUBCOLLECTOR STREETS**
NOT TO SCALE



PAVEMENT TERMINUS
SCALE: 1"=1'

NOTE:
THICKENED EDGE SHALL BE CONSTRUCTED IN COURSED NOT OVER 4" IN THICKNESS, EACH COURSE THOROUGHLY COMPACTED BEFORE PLACING NEXT COURSE, FINAL COURSE, FINAL COURSE TO BE PLACED MONOLITHIC WITH PAVEMENT.



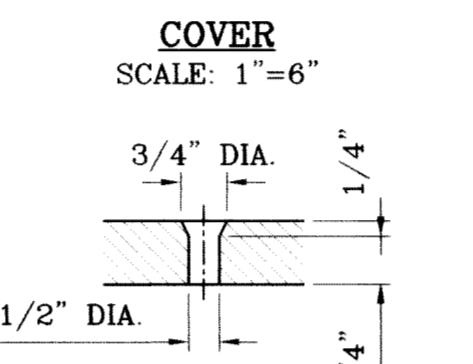
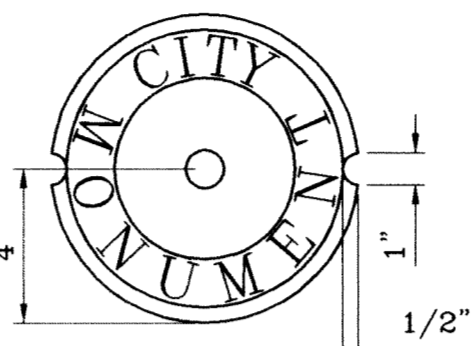
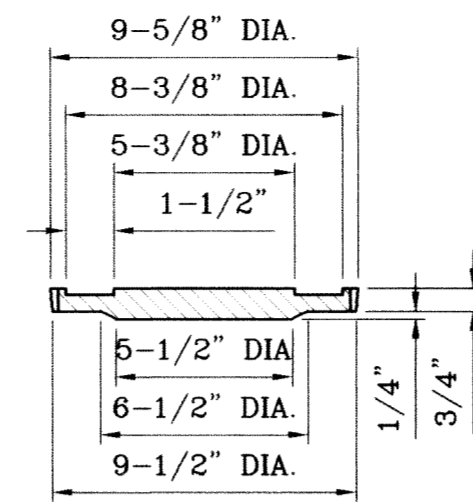
**TYPICAL PAVEMENT SECTION
64' COLLECTOR ARTERIAL STREETS**
NOT TO SCALE

PAVEMENT NOTES

- SUBGRADE TO BE COMPACTED TO 95% OF MAXIMUM DENSITY AS PER ASTM D1557.
- BASE TO BE COMPACTED TO NOT LESS THAN 100% DENSITY IN ACCORDANCE WITH ASTM D1557, TYPE A, GRADE 1 OR 2.
- BITUMINOUS MATERIAL SHALL CONFORM TO AC-10 OR AC-20, TYPE "C" IN ACCORDANCE WITH ASTM D3318.
- PRIME COAT TO BE 0.25 GAL. PER SQUARE YARD (MINIMUM COVERAGE) MC-70.
- COMPACTION TESTS WHERE REQUIRED BY THE CITY ENGINEER MUST BE PAID FOR BY THE DEVELOPER.
- C.B.R. TESTS WILL BE REQUIRED AT 500 FOOT INTERVALS AFTER SUBGRADE IS PLACED AND/OR A MINIMUM OF TWO TESTS IF STREET IS LESS THAN 500 FEET.
- STRICT VERTICAL CONTROL OF ALL CURB AND GUTTER ELEVATIONS WILL BE MAINTAINED. BLUE TOPPING WILL BE REQUIRED THROUGHOUT.
- ALL PLANS MUST BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF EL PASO SUBDIVISION DESIGN AND IMPROVEMENT STANDARDS.
- H.M.A.C. BASE, SUB BASE WILL BE IN ACCORDANCE WITH THE LATEST CITY OF EL PASO SPECIFICATIONS.
- MINIMUM PAVEMENT DESIGN DETAILS ARE SHOWN. ACTUAL PAVEMENT DESIGN WILL BE DETERMINED BY: C.B.R.

TRENCHING

ALL TRENCHING SHALL BE DONE IN STRICT ACCORDANCE WITH OSHA-2226.



COUNTERSUNK DETAIL
SCALE: 1"=3'

SIZE AND CONSTRUCTION:

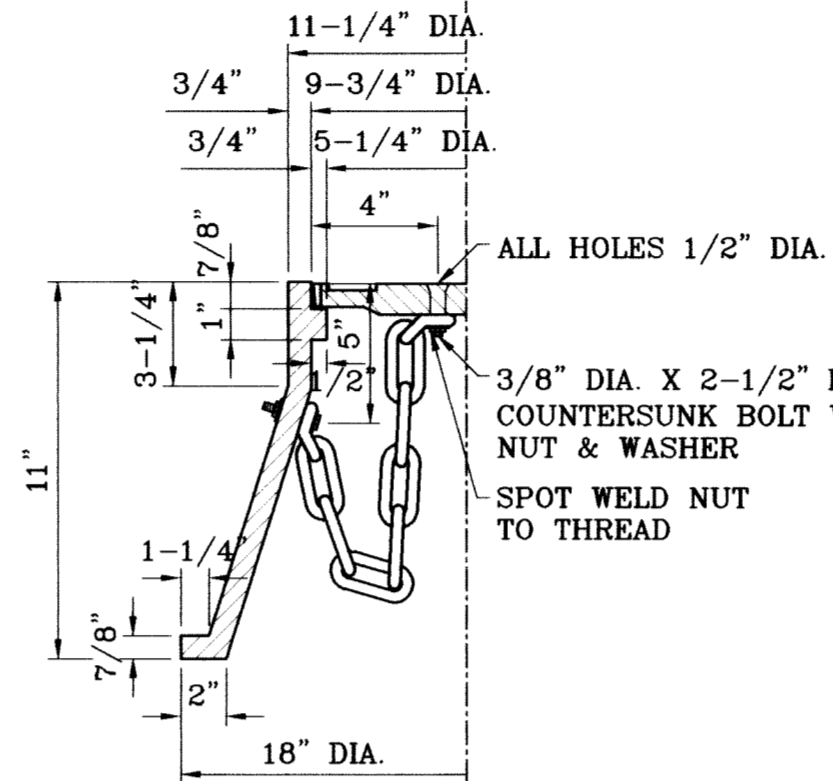
THE STANDARD CITY MONUMENT SHALL BE POURED-IN-PLACE CONCRETE CONE. EIGHT (8) INCHES MINIMUM DIAMETER AT THE TOP, EIGHTEEN (18) INCHES MINIMUM DIAMETER AT THE BOTTOM, THIRTY-SIX (36) INCHES MINIMUM IN DEPTH WITH THE MONUMENT CAP IN PLACE ON TOP.

THE MONUMENT SHALL BE COVERED WITH A CAST IRON BOX AND COVER.

NUMBER AND LOCATIONS:

THE MONUMENTS SHALL BE INSTALLED WHERE SHOWN ON THE SUBDIVISION PLAT AS APPROVED BY THE CITY ENGINEER.

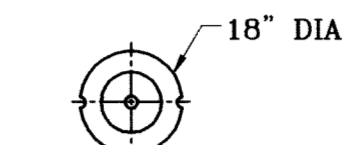
THE SIZE, TOPOGRAPHY AND LAYOUT OF THE SUBDIVISION SHALL GOVERN MONUMENT MUST BE WITHIN THE LINE OF SIGHT OF ANY OTHER MONUMENT (2000 FEET MAXIMUM DISTANCE BETWEEN MONUMENTS). THE NUMBER OF MONUMENTS REQUIRED.



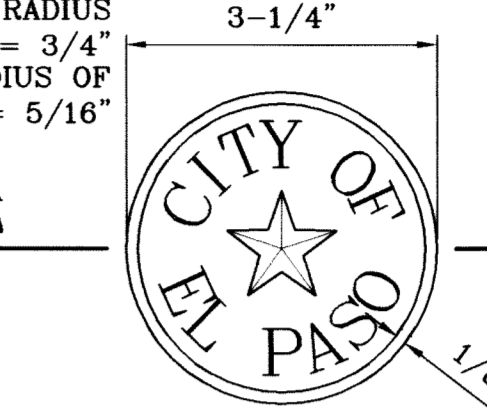
CITY MONUMENT DETAIL
SCALE: 1"=2"

NO FEWER THAN TWO MONUMENTS SHALL BE PLACED IN A ONE STREET SUB-DIVISION.

AT LEAST ONE (1) MONUMENT SHALL BE PLACED ON EACH HORIZONTAL CURVE. TWO SHALL BE PLACED IF THE POINT OF INTERSECTION (P.I.) OF THE TANGENTS LEADING INTO THE CURVE FALLS OUTSIDE OF CITY RIGHT-OF-WAY. MONUMENTS SHALL BE INSTALLED SO THAT ALL FRONT PROPERTY CORNERS OF ALL LOTS IN THE SUBDIVISION ARE WITHIN LINE OF SIGHT OF A MONUMENT, OR WITHIN SIGHT OF LINE BETWEEN TWO ADJACENT MONUMENTS.



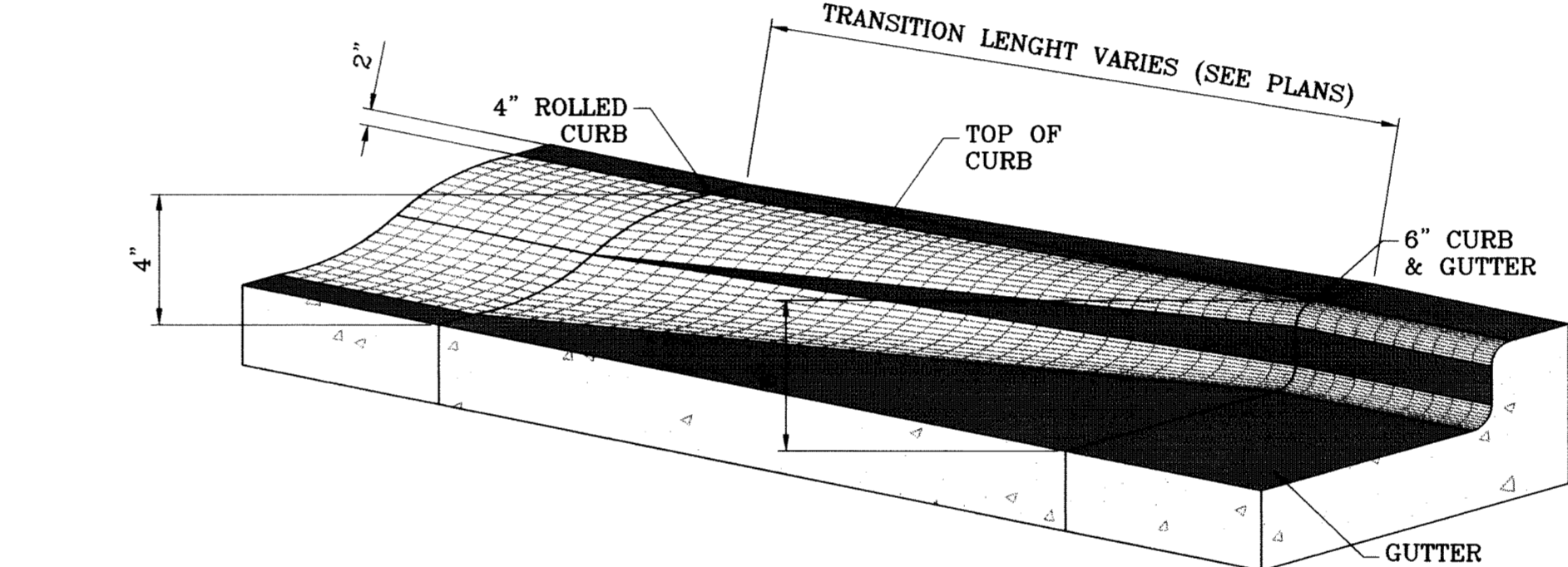
OUTSIDE RADIUS OF STAR = 3/4"
INSIDE RADIUS OF STAR = 5/16"



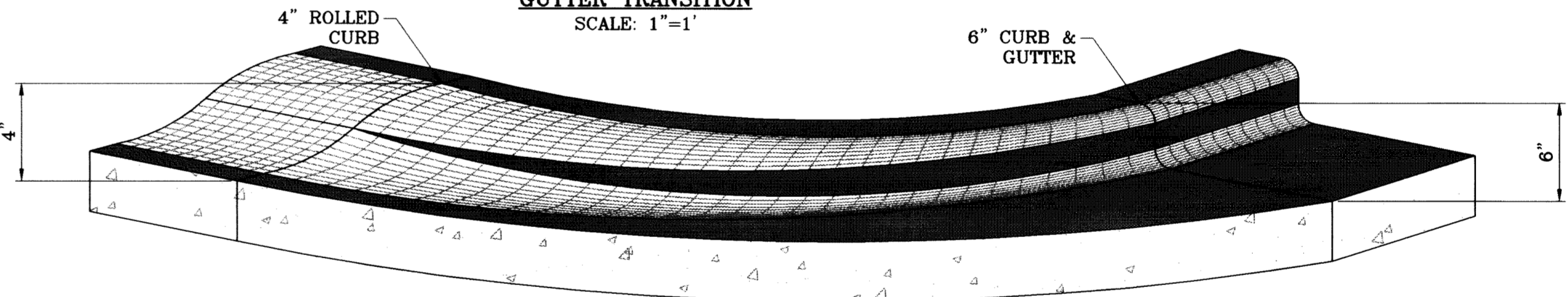
BRONZE MONUMENT CAP
SCALE: 1"=2"

HEIGHT OF LETTERS = 7/16"
WIDTH OF LETTER BODY = 3/16" RADIUS FOR POSITION OF LETTERING = 13/16" AND 1-1/4"

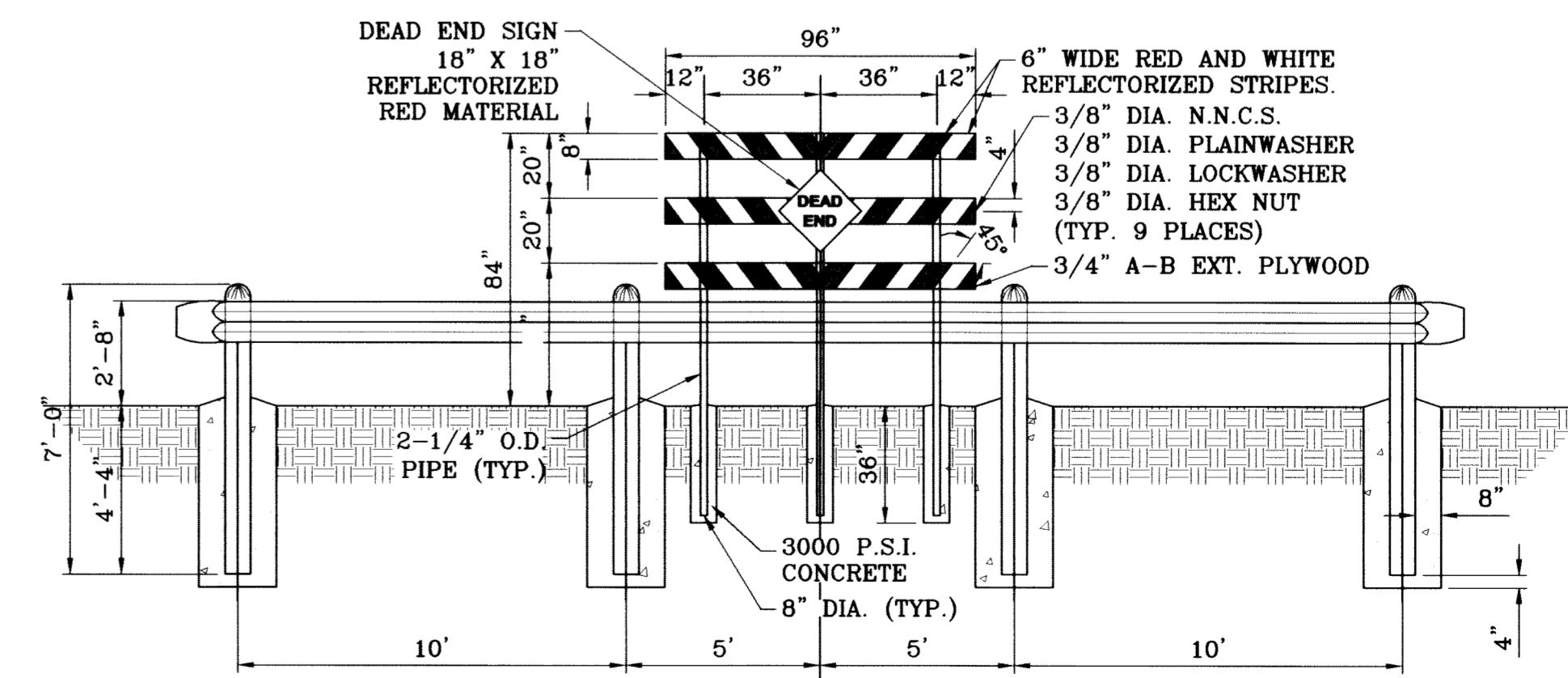
EMBOSSE STAR, RING AND LETTERS TO HEIGHT OF 3/32"



ROLLED CURB TO CURB & GUTTER TRANSITION
SCALE: 1"=1'



CURB TRANSITION AT RETURNS
SCALE: 1"=1'



GUARD RAIL DETAIL
SCALE: 1"=4'

NOTE:
DEAD END SIGN TO BE USED WITH GUARDRAILS. RED AND WHITE PORTIONS TO BE REFLECTIVE SHEETING. DEAD END SIGN MUST COMPLY WITH THE CITY OF EL PASO SUBDIVISION DESIGN STANDARDS.

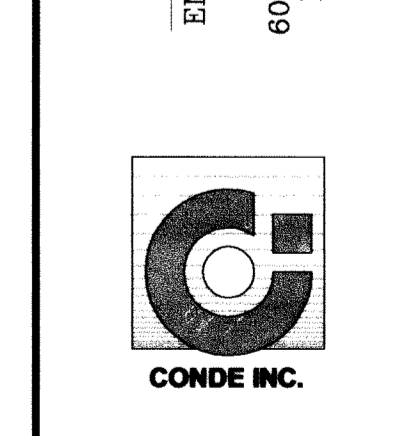
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.
DATE	10/20/09
REVISIONS	
CITY REDLINES AS PER	10/20/09 COMMENTS
ELEVATION	4002.64
CITY DATUM	
BY	
E.F.G.	

**TERRA DEL ESTE
UNIT SIXTY TWO**
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2,
TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
EL PASO COUNTY, TEXAS
CONTAINING 140.962 ACRES

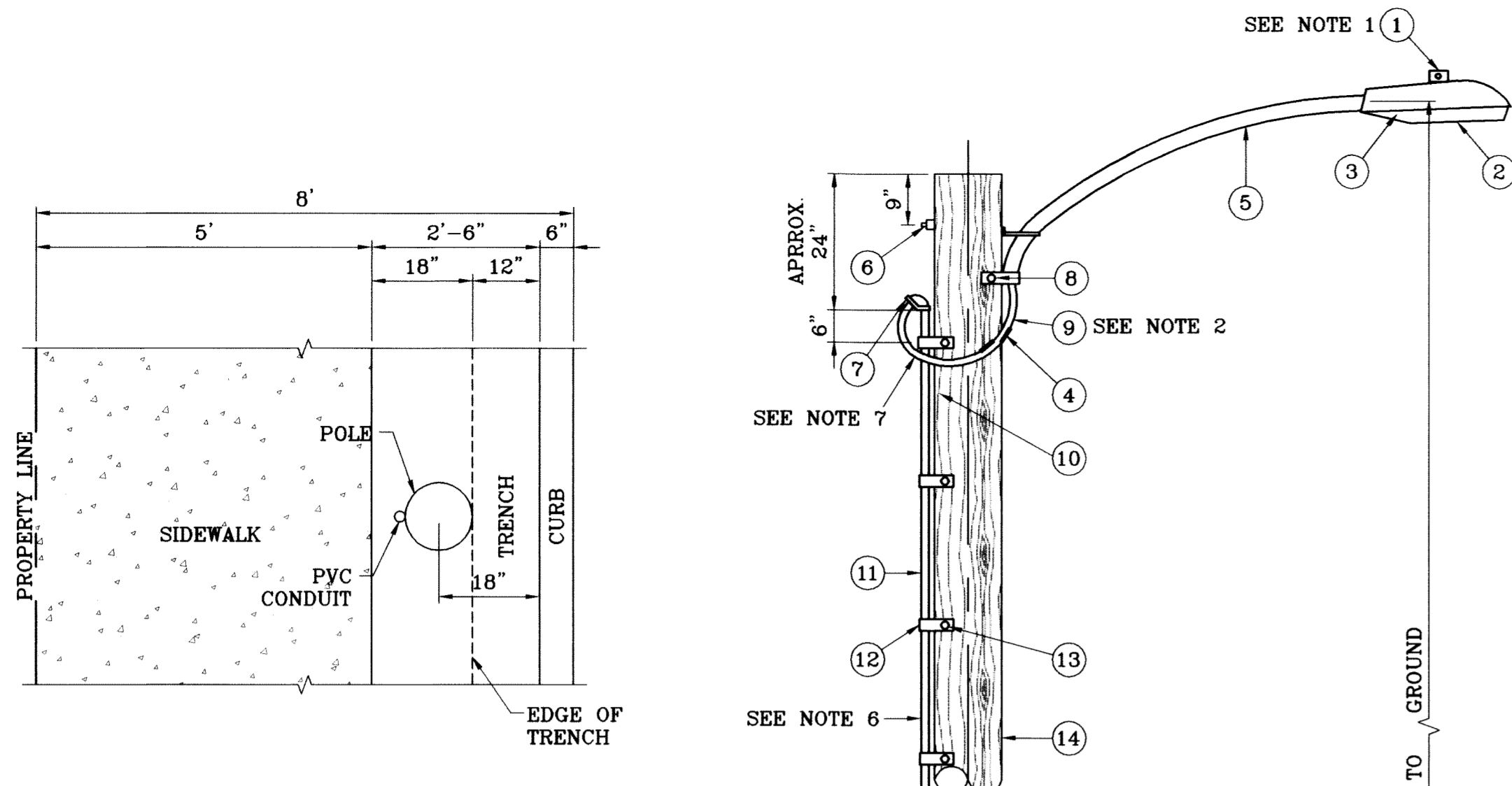
SCALE
HORIZ: AS NOTED
VERT: ---
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFC
CHECKED BY: YC
JOB NO.: 308-81

ENGINEER'S SEAL
ENGINEER'S SEAL NOT REQUIRED. THIS SHEET IS PRODUCED FROM CITY SUBDIVISION DESIGN STANDARDS.

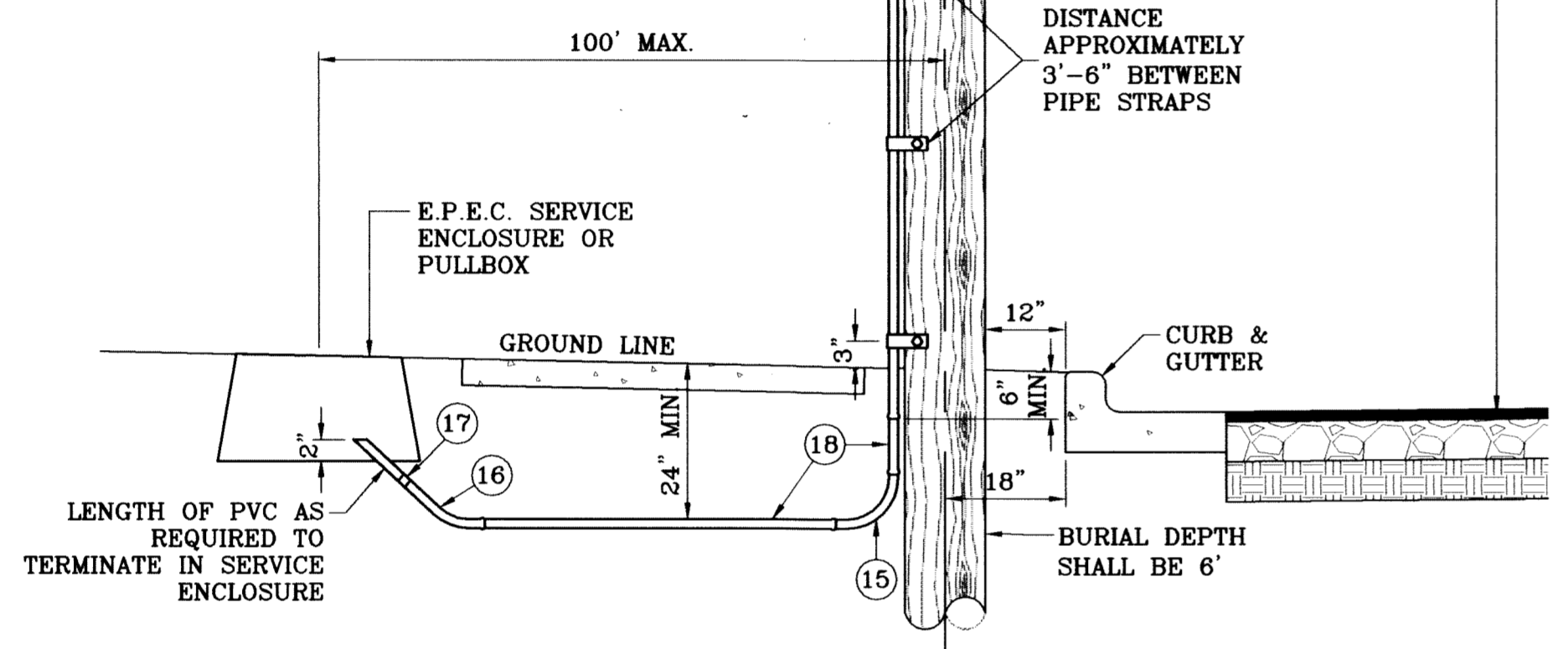
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 582-0283



STANDARD DETAILS



PLAN VIEW
SCALE: 1"=2'



UNDERGROUND RESIDENTIAL
STREET LIGHT WOOD POLE
E.P.E.C. STD. DSU 805
SCALE: 1"=2'

- LEGEND**
- ▲ PROPOSED LIGHT
 - ☆ EXISTING LIGHT
 - ⊥ STOP SIGN WITH STREET NAME

NOTE: STREET LIGHTING TO BE IN ACCORDANCE WITH EL PASO DESIGN STANDARDS, SECTION VIII

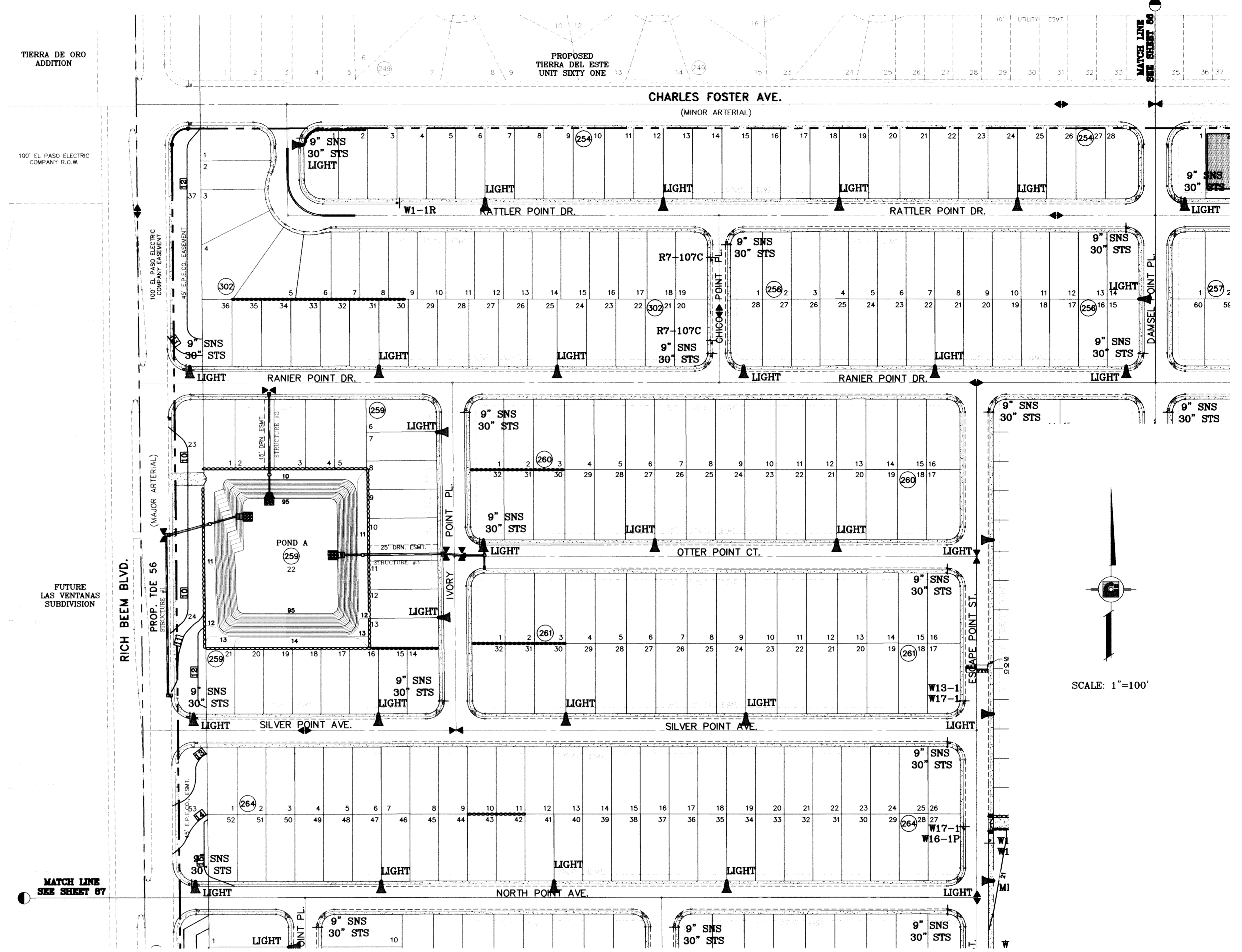
NOTE: INSTALL TRAFFIC CONTROL DEVICES AS SHOWN AND IN ACCORDANCE WITH CITY OF EL PASO DESIGN STANDARDS, SECTION VII

- 1 MOUNT SO THAT PHOTO CELL IS FACING NORTH.
- 2 ITEM #9 SHALL NOT BE SPLICED INSIDE ITEM #5.
- 3 INSTALLATION MUST COMPLY WITH LOCAL CODE REQUIREMENTS.
- 4 FOR ANY CLARIFICATION, EXCEPTIONS OR QUESTIONS REGARDING THIS STANDARD, CALL THE EL PASO ELECTRIC COMPANY DISTRIBUTION DESIGN DEPARTMENT.
- 5 ON STREETS WHERE SIDEWALK IS ADJACENT TO CURB, STREET LIGHT POLE SHALL BE INSTALLED IN THE SIDEWALK NEXT TO PROPERTY LINE. 36 INCHES REQUIRED FROM BACK OF CURB TO COMPLY WITH AMERICAN DISABILITY'S ACT AND LOCAL CODES.
- 6 THE CONDUIT RISER SHALL BE INSTALLED ON THE BACK OF THE WOOD POLE (AWAY FROM THE STREET).
- 7 THE WIRE LEADS FROM THE WEATHER HEAD TO THE MAST ARM SHALL HAVE A MINIMUM 4" DRIP LOOP BELOW THE WEATHER HEAD.

ITEM	No.	DESCRIPTION	STOCK\DSU No.	QTY.	C/U CODE	MACRO CODE
1		PHOTOCELL, 240 V-SEE NOTE 1	21-225	1		
2		HPS LAMP 100 W	21-085	1	LCOBRAHD	
3		LUMINAIRE, 100 W HPS	21-335	1		
4		SLEEVES, #12-10	05-140	2	LSLV1210	
5		MAST ARM, 6' x 1 1/4"	21-200	1	LBRKT1*6	
6		MACHINE BOLT, 5/8" x 12"	02-470	1		
		SQUARE GALV. WASHER, 2 1/4"x2 1/4"	02-760	1	LMB5/812	
		COIL SPRING WASHER, 5/8"	02-786	1		
		LOCK NUT, 5/8"	02-706	1		
7		SERVICE ENTRANCE CAP FOR 1" PVC CONDUIT	17-281	1	LSVCCAP1	
8		LAG BOLT, 3/8" x3"	02-343	2	LLAG38*3	
9		CABLE #10, 2 CONDUCTOR, 600V, UF	13-600	8'	L2C#10S	
10		COPPER CABLE, #12, SOLID, 600V BLUE	13-702	60'	LC#12CU	
11		SCHEDULE 80 1" PVC CONDUIT	17-280	30'	LSCH801	
12		PIPE STRAP FOR 1" PVC CONDUIT 2-HOLE	17-283	9	LPVCSTRP	
13		NAIL, STAINLESS STEEL SCREW 2.5 IN.	14-427	.25#	LNAL14*2	
14		POLE, 35'-CLASS 4	09-035	1	L354UG	
15		1" PVC 90 DEGREE ELBOW	17-297	1	L90P1	
16		1" PVC 45 DEGREE ELBOW	17-299	1	L45P1	
17		1" PVC COUPLING	17-298	1	LCPLG1	
18		1" PVC CONDUIT	17-299	AS REQ'D	LPVC1	

Street Lights Required
26339.19 Divided by 300 : 88

Street Lights Provided
88



SCALE: 1"=100'

SEE SHEET 86 FOR STEEL STREET LIGHT DETAILS

SEE SHEET 87 FOR SPEED HUMP DETAILS

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64
CITY DATUM

REVISIONS

DATE	REVISIONS	BY
10/21/09	CITY REDLINES COMMENTS: REVISE WOOD POLE DETAIL AND ADD NOTES 5, 6 & 7.	E.F.G.
08/26/10	REVISE MEDIAN OPENINGS	E.F.G.

PROJECT NAME
**TIERRA DEL ESTE
UNIT SIXTY TWO**

BENCHMARK

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS.
CONTAINING 140.962 ACRES

S.C.A.L.E.

HORIZ: 1"=100'

VERT: ---

DATE: SEPT. 2008

DESIGN BY: YC

INITIATED BY: EFG

CHECKED BY: YC

JOB NO.: 308-61

ENGINEER'S SEAL

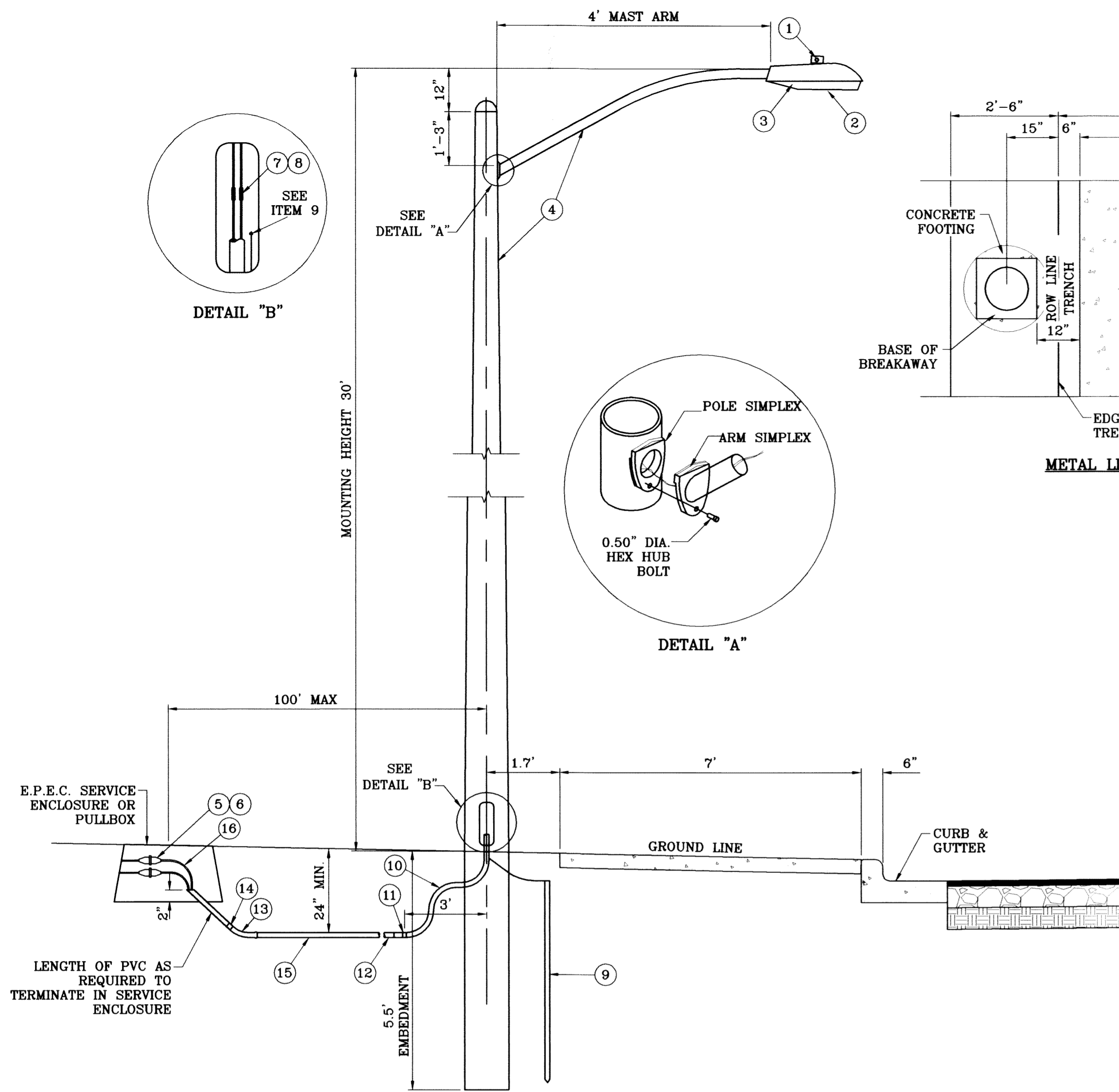
CONDE INC.

ENGINEERING / PLANNING
SURVEYING / GPS

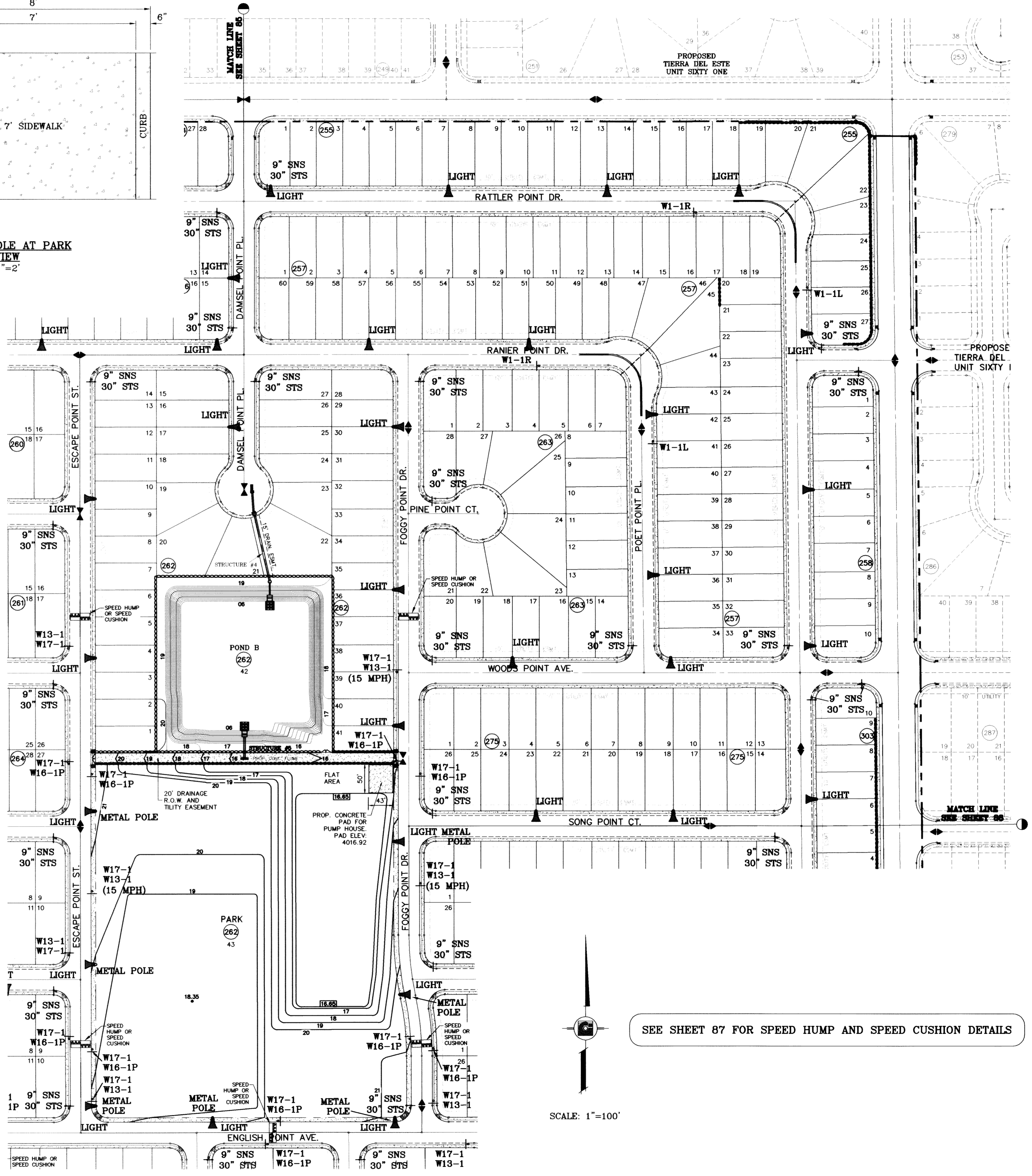
6080 SURETY DR., STE. 100
EL PASO, TEXAS 79905
(915) 592-0283

SHEET TITLE
**ILLUMINATION
AND TRAFFIC
CONTROL
PLAN**

SHT 85 OF 88



RESIDENTIAL STREET LIGHT EMBEDDED STEEL POLE
SCALE: 1"=2'



SEE SHEET 87 FOR SPEED HUMP AND SPEED CUSHION DETAILS

SCALE: 1"=100'

ITEM No.	DIRECT EMBEDDED SL STANDARD	STOCK\DSU No.	QTY.	CU CODE	MACRO CODE
1	PHOTOCELL, 240V-SEE NOTE 1	21-225	1		LSTLDEUG
2	HPS LAMP, 100W	21-085	1	LCOBRAHD	
3	LUMINAIRE, 100W H.P.S.	21-335	1		
4	D. E. STANDARD, 34' 6" WITH 4' MAST ARM	09-310	1	L34STLUG	
5	FUSE 10A	21-240	2	LFUSE10A	
6	FUSEHOLDER - 30A - SUBMERSIBLE	21-246	2	LFUSEHSB	
7	COPPER CABLE, #12, SOLID, 600V, RED	13-702	70'	LC#12CU	
8	BUTT SPLICE, #12 - #12	05-140	2	LSLV1210	
9	5/8" X 10" CU BONDED GROUND ROD	08-626	1		
	5/8" GROUND ROD CLAMP	07-461	1		
	TRANSFORMER GROUND CLAMP	04-100	1	LGRNDROD	
	#4 BARE COPPER WELD	12-106	6'		
10	1" PVC FLEX CONDUIT	21-527	6'	LPVCFLK1	
11	1" PVC FLEX CONDUIT FITTING	21-214	1	LFLXFIT1	
12	1" PVC FEMALE ADAPTER	17-295	1	LFADAPT1	
13	1" PVC 45 DEGREE ELBOW	17-298	1	LEL451	
14	1" PVC COUPLING	17-296	1	LCPLG1	
15	1" PVC CONDUIT	17-299	AS REQ'D	LPVC1	
16	COPPER CABLE, #12, SOLID, 600V, RED	13-702	AS REQ'D	LC#12CU	

- NOTES:**
- MOUNT SO THAT PHOTO CELL IS FACING NORTH.
 - INSTALLATION MUST COMPLY WITH LOCAL COAD REQUIREMENTS.
 - FOR ANY CLARIFICATION, EXCEPTIONS OR QUESTIONS REGARDING THIS STANDARD, CALL THE EL PASO ELECTRIC COMPANY DISTRIBUTION DESIGN DEPARTMENT.
 - ON STREETS WHERE SIDEWALK IS ADJACENT TO CURB, STREET LIGHT POLE SHALL BE INSTALLED IN THE SIDEWALK NEXT TO PROPERTY LINE. 36 INCHES REQUIRED FROM BACK OF CURB TO COMPLY WITH AMERICAN DISABILITY'S ACT AND LOCAL CODES.

10/23/09 CITY REDLINE COMMENTS: ADD SPEED CUSHION E.F.G. NOTE.
BENCHMARK
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR.
ELEVATION 4002.64
DATE 10/20/09 CITY REDLINES AS PER 10/20/09 COMMENTS E.F.G.
10/21/09 CITY REDLINE COMMENTS: REVISE LOCATION OF SPEED HUMPS ON ESCAPE POINT ST. & FOGGY POINT DR. REVISE LIGHT POLE DETAILS.

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY TWO
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS
CONTAINING 140.962 ACRES

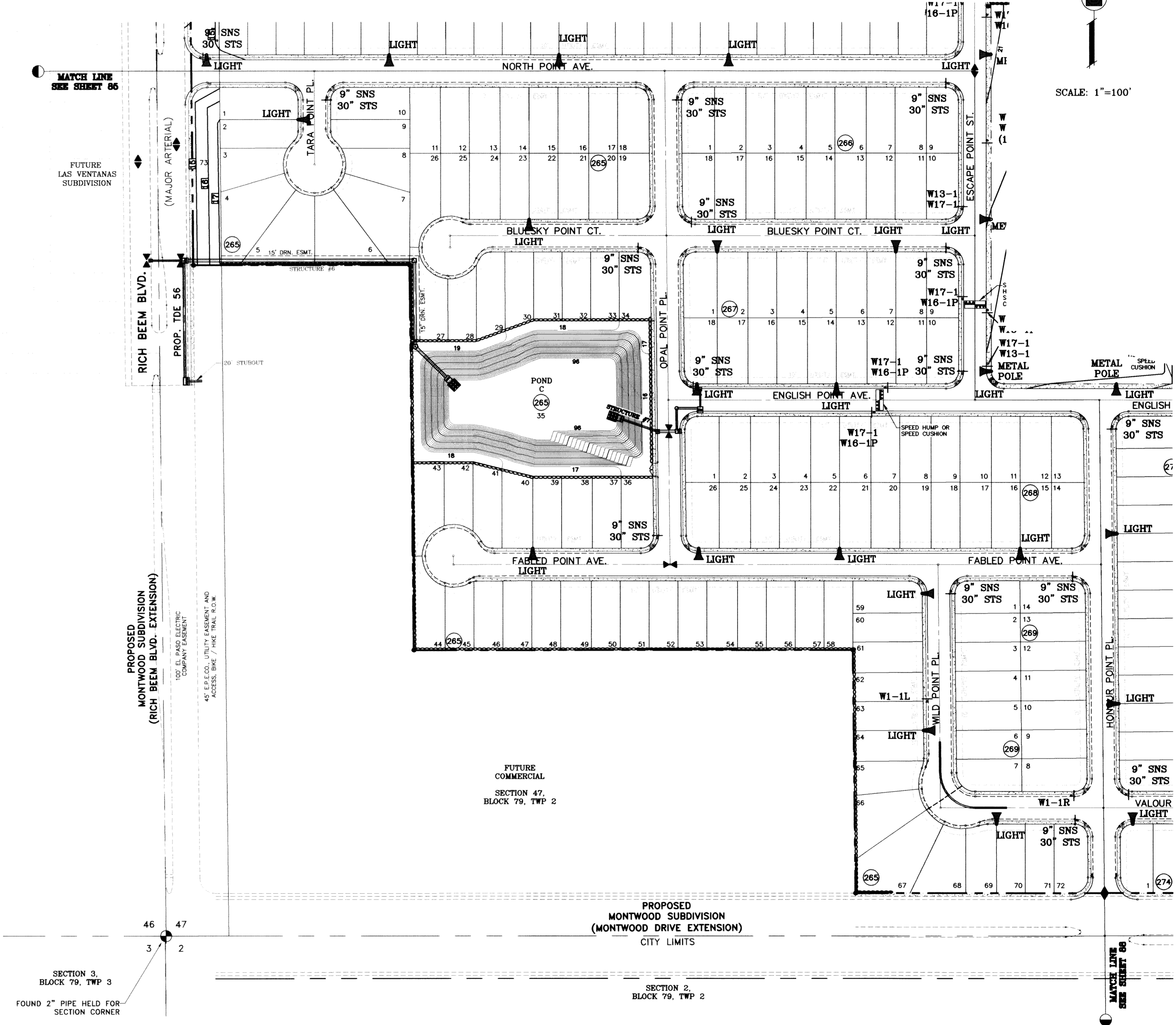
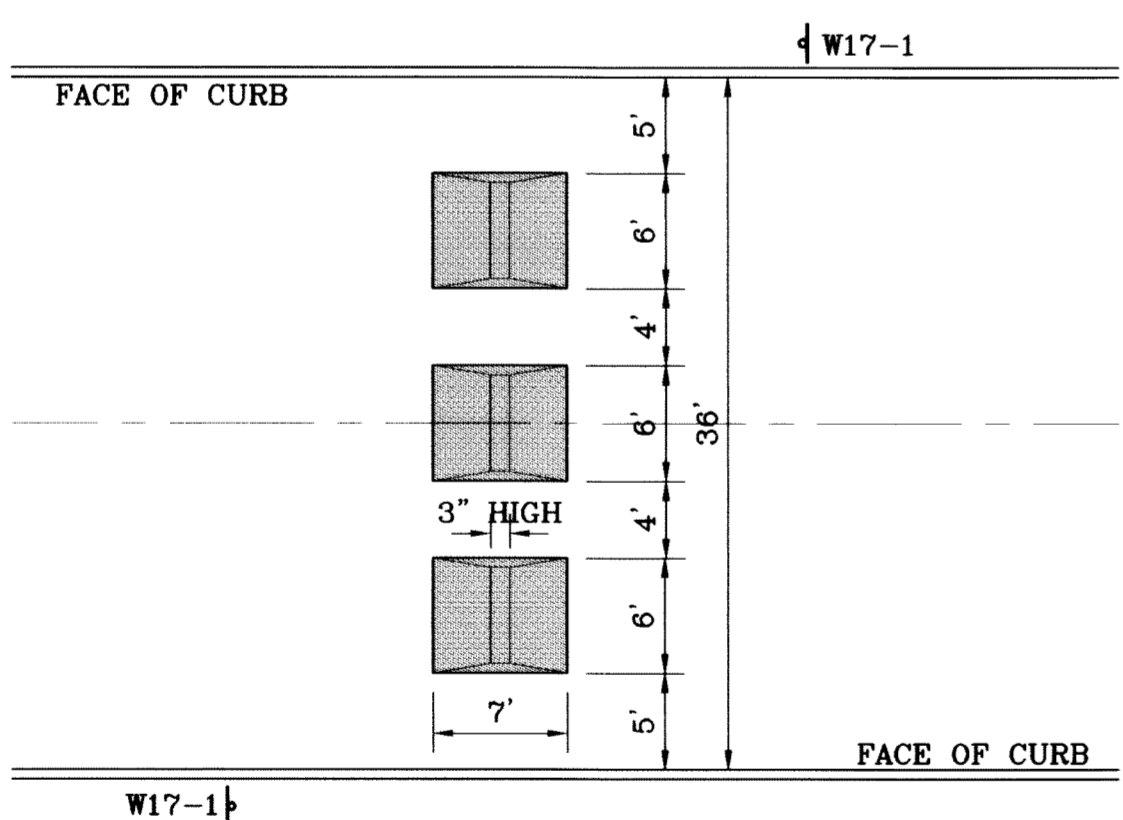
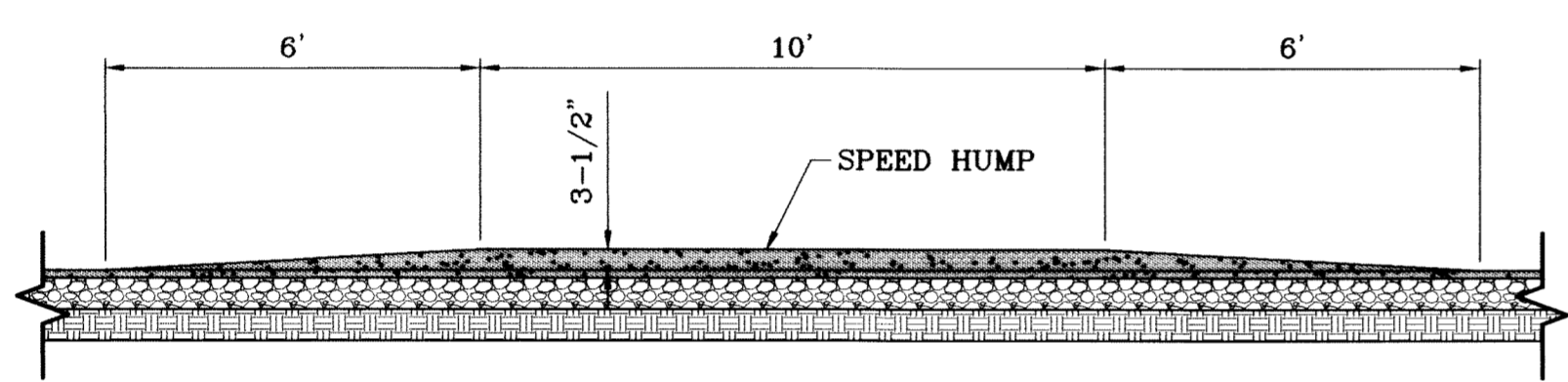
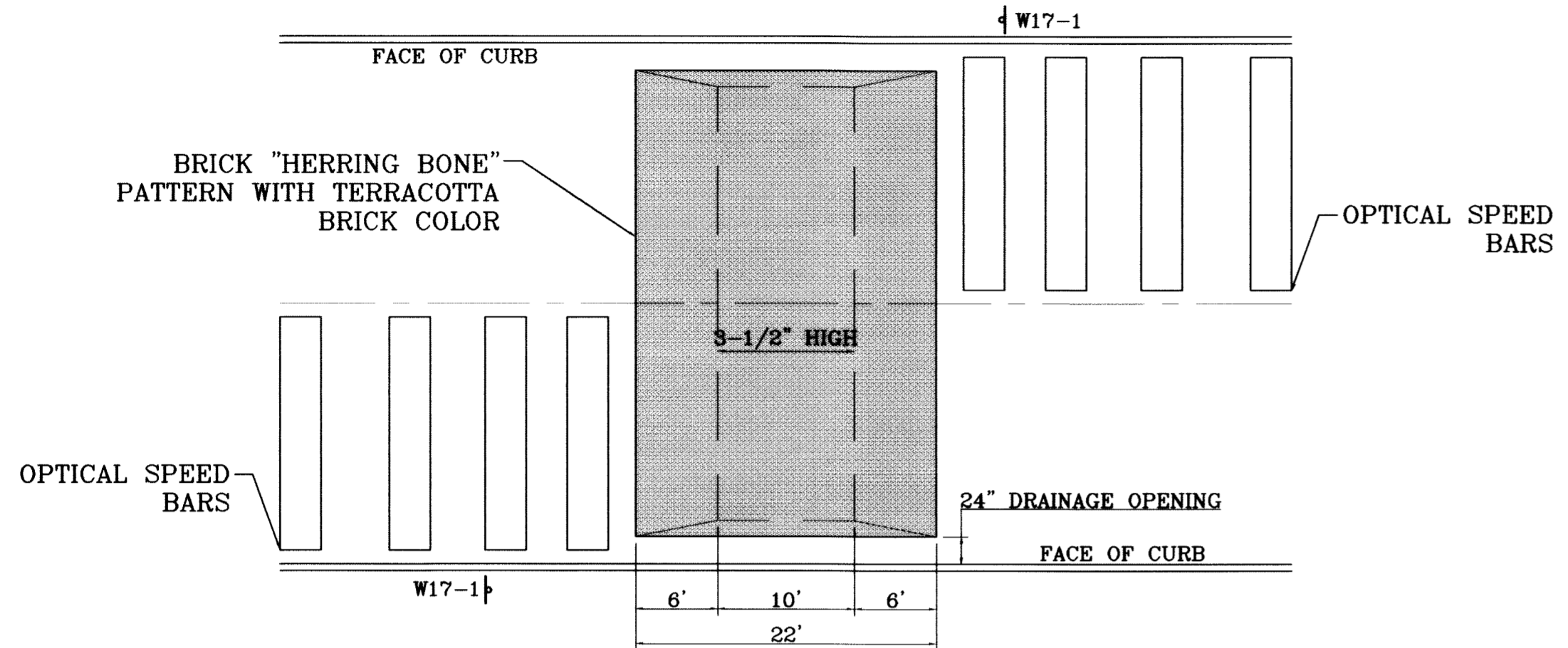
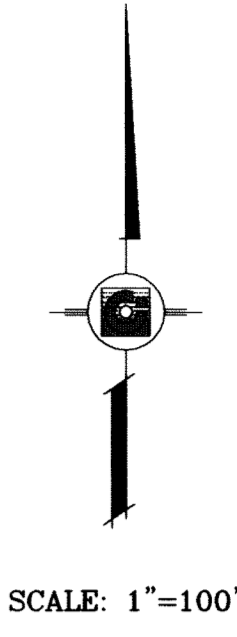
S.C.A.L.E.
HORIZ. 1"=100'
VERT. 1"=10'
DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 308-BI

ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURVEY DR. STE. 100
EL PASO, TEXAS 79905
(815) 592-0283

SHEET TITLE
ILLUMINATION AND TRAFFIC CONTROL PLAN

SEE SHEET 86 FOR STEEL STREET LIGHT DETAILS

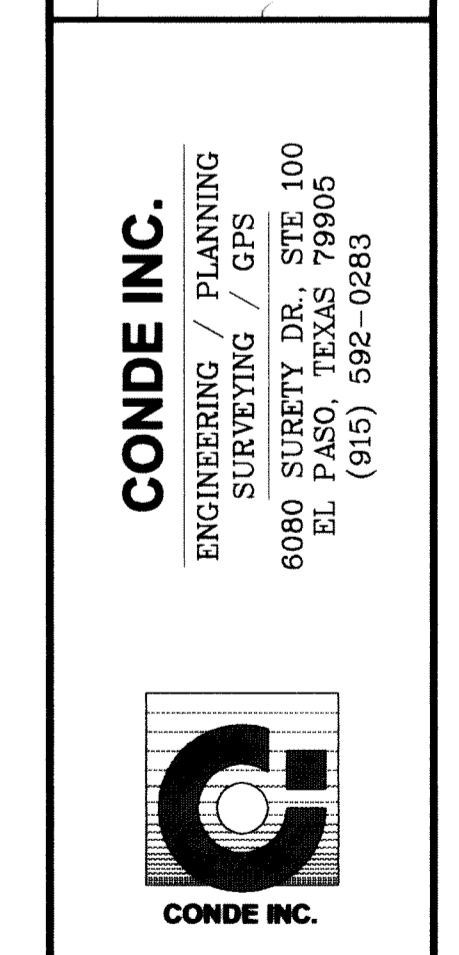


E.F.G.	08/26/10	REVISE	MEDIAN OPENINGS
			BENCHMARK
			CITY MOUNTMENT AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
BY	DATE	REVISIONS	CITY DATUM
E.F.G.	10/21/09		
E.F.G.			CITY REDLINE COMMENTS: REVISE SPEED HUMP
E.F.G.			DETAIL TO SHOW 24" OPENINGS
E.F.G.	10/23/09		CITY REDLINE COMMENTS: ADD SPEED CUSHION
			DETAIL

TIERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS. CONTAINING 140.962 ACRES

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
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CONDE INC.

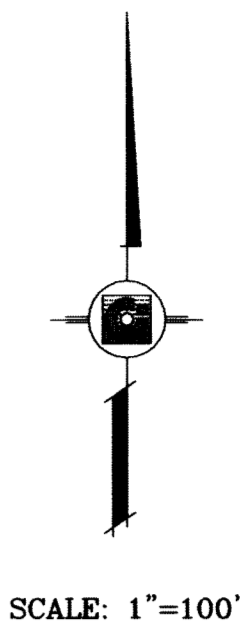
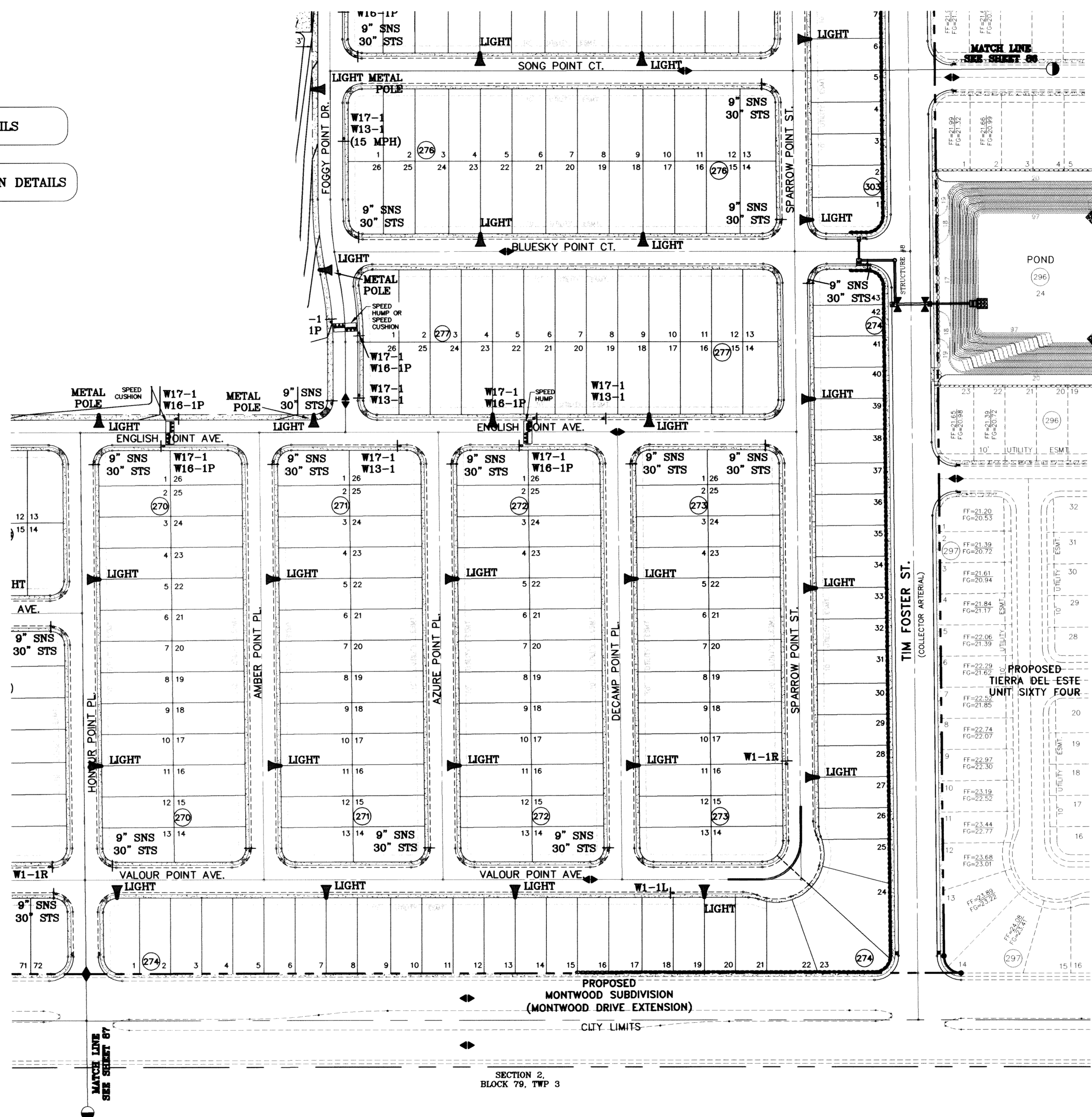
SHEET TITLE

ILLUMINATION AND TRAFFIC CONTROL PLAN

C:\GIS\3D\PROJECTS\1108_1109\1108_1109.dwg, 11/20/11 2:12:00 PM

SEE SHEET 86 FOR STEEL STREET LIGHT DETAILS

SEE SHEET 87 FOR SPEED HUMP AND SPEED CUSHION DETAILS



SEE SHEET 86 FOR STEEL STREET LIGHT DETAILS

SEE SHEET 87 FOR SPEED HUMP AND SPEED CUSHION DETAILS

BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF RICEBEE BLVD. AND RAINBOW POINT DR. ELEVATION 4002.64
DATE	10/23/08
REVISIONS	CITY REDLINES COMMENTS: ADD SPEED CUSHION NOTE.
BY	E.F.G.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO

BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS CONTAINING 140.962 ACRES

SCALE	HORIZ: 1"=100'
VERT:	---
DATE:	SEPT. 2008
DESIGN BY:	YC
INITIATED BY:	EFG
CHECKED BY:	YC
JOB NO.:	308-81



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 6080 SURETY DR., STE. 100
 EL PASO, TEXAS 79905
 (915) 592-0283

SHEET TITLE
ILLUMINATION AND TRAFFIC CONTROL PLAN

C:\DWG_3D\PROJECTS\TERRA DEL ESTE UNIT SIXTY TWO\DWG_ILLUMINATION.dwg, 11/10/2011 2:13:54 PM

○ DENOTES AS BUILT CONDITION ONLY

LEGEND

FF=00.00	PROPOSED FINISH FLOOR
FG=00.67	PROPOSED FINISH GROUND
00.00	PROPOSED SPOT ELEVATION
▲	HIGH POINT
▼	LOW POINT
—4000—	EXISTING CONTOUR
—4000x—	EXISTING SPOT ELEVATION
—4000	PROPOSED CONTOUR
○	PROPOSED ROCK WALL
—	PROPOSED RETAINING WALL

NOTE:
HEREON DESCRIBED TRACT LIES IN ZONE X, COMMUNITY PANEL NO. 480214 0043B. DATED OCTOBE 15, 1982.

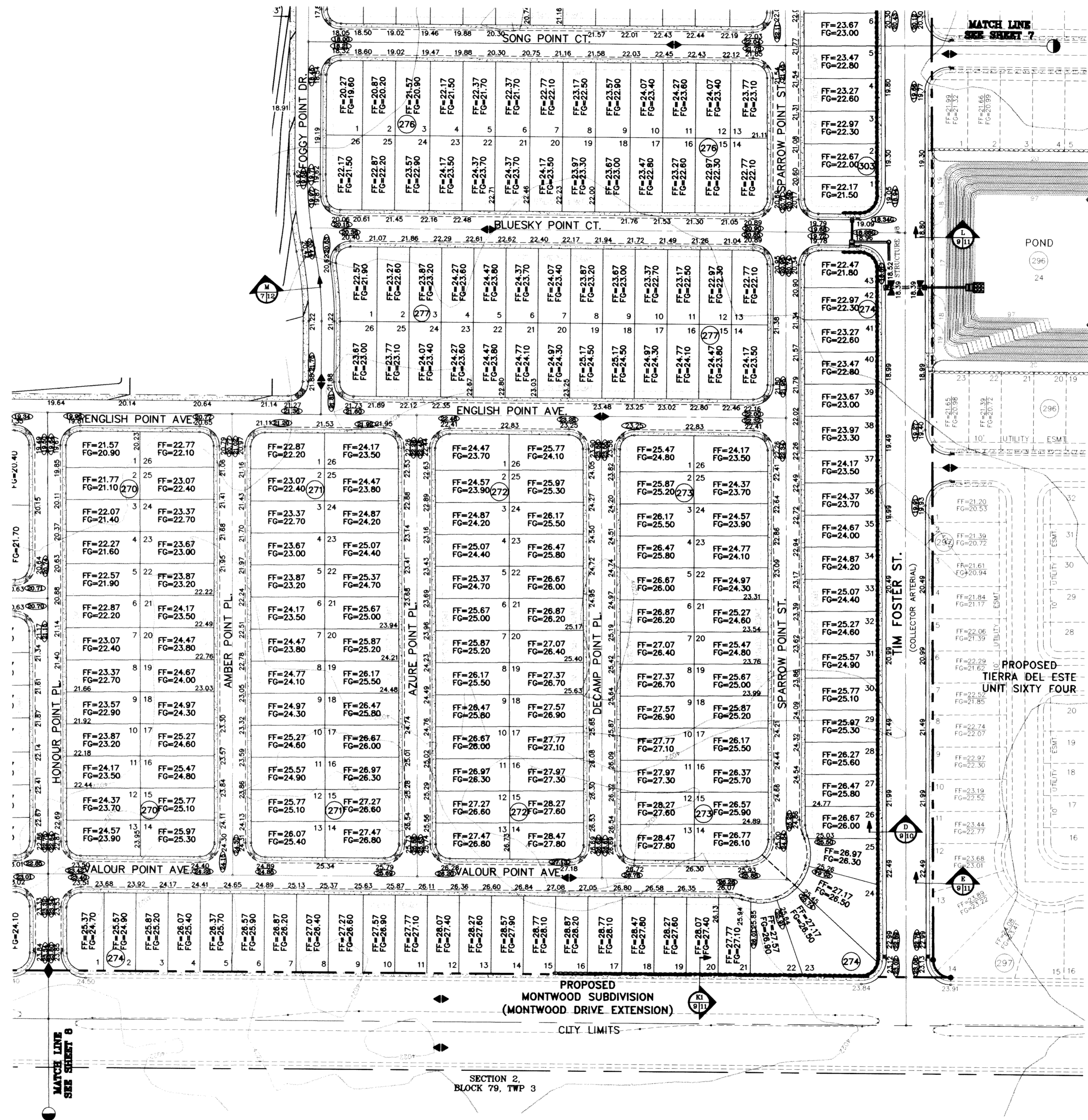
SEE SHEET 71 FOR TDE 64 POND SECTION DETAILS

SEE SHEET 77 FOR DRAINAGE STRUCTURES #8

HANDICAP RAMPS WILL BE CONSTRUCTED BY DEVELOPER AND TO INCLUDE TRUNCATED DOMES

CONSTRUCTION NOTES:

1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
5. RETAINING WALLS WILL BE REQUIRED WHERE THERE IS A GRADE DIFFERENCE OF 2 OR MORE FEET BETWEEN LOTS AND STREET. RETAINING WALL DESIGN AT TIME OF BUILDING PERMIT.
6. 85% COMPACTION REQUIRED ON CUTS & 95% COMPACTION REQUIRED ON FILLS.



SCALE: 1"=100'

BENCHMARK

CITY MONTUM AT THE CENTERLINE INTERSECTION OF RICH BEEM BLVD AND RAINBOW POINT DR	REVISIONS	BY
ELEVATION 4002.64	CITY DATUM
DATE	10/14/09	CITY REDLINES AS PER 10/07/09 COMMENTS
	08/09/11	AS BUILT

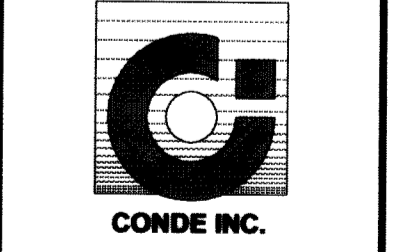
PROJECT NAME
TERRA DEL ESTE UNIT SIXTY TWO
BEING A PORTION OF SECTION 47, BLOCK 79, TOWNSHIP 2, EL PASO COUNTY, TEXAS.
CONTAINING 140.962 ACRES

SCALE
HORIZ: 1"=100'
VERT: ---

DATE: SEPT. 2008
DESIGN BY: YC
INITIATED BY: EFG
CHECKED BY: YC
JOB NO.: 508-81



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
6080 SURETY DR., STE 100
EL PASO, TEXAS 79905
(915) 592-0283



SHEET TITLE

GRADING PLAN

C:\DWG_3D\Projects\TDE 62-77-25-Submittal\TDE62_77_25.dwg, GRADING, 8/18/2011, 1:40:08 PM

KEYED NOTES

- 1) Irrigation system top point, verify 5.5 psi and 39.18 gpm.
- 2) Controller Location: 110V Power by Developer. Coordinate exact location in field.
- 3) Coordinate with contractor for enclosures on backlot.

GENERAL NOTES

Contractor shall contact all utility companies & Park Dept. before any trenching operation, to locate and mark their lines in the area of work.

Electrical wire splices will not be permitted in valve boxes and valves, all connections will be permitted in valve boxes only. No splices will be buried.

All manual valves shall be placed in valve boxes, placed at proper depth in relation to uniform coverage and distribution, contractor shall be responsible for field changes

Actual conditions in the field may necessitate adding or adjusting heads to insure uniform coverage and distribution, contractor shall be responsible for field changes

Contractor will not willfully install the irrigation system as designed, when it is obvious that field conditions exist that were not considered at time of designing the system. Any conditions noted on such shall be reported to the Landscape Designer. Licensed Irrigator and Parks Dept. If the contractor fails to do so, the contractor assumes full responsibility for any corrections needed.

All valves shall be logged with a waterproof tag at each valve showing valve number and controller number as shown on plan. Label all wiring at controllers and panel.

Location of drip emitters shall be installed exactly as shown on plans. Piping and valves are diagrammatically shown and may vary with approval from Landscape Designer, Licensed Irrigator and Parks Dept.

All access boxes for drip emitters shall be installed flush with grade.

All access boxes, valve boxes and sprinkler heads along walkways within interior grounds of the site shall be installed min. 6" from the edge of all walkways to the back of the sprinkler head or valve box.

Meter shown with right-of-way for clarity only.

Each irrigation controller shall have an independent common wire of any other controller.

All trenching shall be to a 10'-5" min. distance from the center of the trunk of any drip distribution tubing shall be placed in a circular pattern around the trunk of each tree, min. 24" from the trunk. Use 1/4" tubing stake at each tube to hold the end of the tubing in place.

All unsuitable excavated materials from trenches shall be removed from the project site. Approved backfill shall be used to backfill trenches.

Contractor shall verify the exact location of all existing and proposed utilities and all site conditions prior to beginning construction. Any damage caused by the contractor shall be repaired or replaced at no additional cost to owner.

Locate all heads and valves away from low spots or areas of drainage flow.

Electric control wire (#14 gauge) and common ground (#12 gauge) shall be direct runs at all valves and 200' on center maximum. Provide separate common wire for each controller. No splicing will be permitted between valve and controller.

All piping/wiring running beneath paved surfaces (driveways, sidewalks, etc.) shall be installed in Class 200 PVC sleeve. Sleeve shall be of the size so that the inside diameter of the sleeve is 2 times greater than that of the outer diameter of the item installed in the sleeve.

Sleeves must extend 24" beyond edge of paved or concrete surfaces and ends mopped and topped with 4 mil plastic.

Contractor shall provide the owner with as-built drawings on mylar prior to approval of final payment.

Use only loose fitting on all 45's and tees.

Remove netting from sod during installation.

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IRIGATION LEGEND

⊠	4" FEBCO 860 MASTER SERIES REDUCED PRESSURE ASSEMBLY W/3000-AL HYDROCOOL ENCLOSURE
M	4" WATER METER (INSTALLED BY DEVELOPER)
⊙	WEATHERMATIC 8200CR-10 3" VALVE
EM	ELECTRIC METER
□	RAINBIRD ESP-24 SAT TWR STATION CONTROLLER
---	4" SCHEDULE 40 IPS PLASTIC PIPE
⚡	1" Buckner B&L Lug QC Snap Lok w/Male brass stabilizer elbow/w/with 11" x 17" boxes that have hinged and bolt down covers.
⊠	BRASS BALL ISOLATION VALVE IN CARSON H.D. 11X17 BOX
⊙	HUNTER -25 ULTRA STAINLESS STEEL GEAR DRIVEN ROTOR NOZZLES: #20 @ 60 PSI 17.8 GPM 62' Radius
⊠	A) VALVE # (B) VALVE SIZE (C) GPMs
PH	PUMP HOUSE
⊠	PUMP - BERKELEY B2 TFM SINGLE PHASE TO HP 200 GPM 40 PSI Boost #53767
⊠	BRASS BALL ISOLATION VALVE IN SEPARATE VALVE BOX SIZE TO MATCH PIPE

BLUE SKY PARK PRECIPITATION SCHEDULE

STATION NO.	TOTAL GPM	PRECIPITATION RATE	REQUIREMENTS	HEAD NO.	NOZZLE SIZE	VALVE SIZE
1a.	178	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
1b.	178	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
2a.	178	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
2b.	160.2	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
3.	160.2	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4a.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4b.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4c.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4d.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4e.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4f.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4g.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4h.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4i.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4j.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4k.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4l.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4m.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4n.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4o.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4p.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4q.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4r.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4s.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4t.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4u.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4v.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4w.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4x.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4y.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4z.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"

TOTAL 11 HOURS AND 30 MINUTES

BLUE SKY PARK PRECIPITATION SCHEDULE

STATION NO.	TOTAL GPM	PRECIPITATION RATE	REQUIREMENTS	HEAD NO.	NOZZLE SIZE	VALVE SIZE
1a.	178	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
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4f.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4g.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4h.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4i.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4j.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4k.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4l.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4m.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4n.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4o.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4p.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4q.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4r.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4s.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4t.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4u.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4v.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4w.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4x.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4y.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4z.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"

TOTAL 11 HOURS AND 30 MINUTES

BLUE SKY PARK PRECIPITATION SCHEDULE

STATION NO.	TOTAL GPM	PRECIPITATION RATE	REQUIREMENTS	HEAD NO.	NOZZLE SIZE	VALVE SIZE
1a.	178	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
1b.	178	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
2a.	178	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
2b.	160.2	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
3.	160.2	1.56 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4a.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4b.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4c.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4d.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4e.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4f.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4g.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4h.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4i.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4j.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4k.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4l.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4m.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4n.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4o.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4p.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4q.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4r.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4s.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4t.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4u.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4v.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4w.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4x.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4y.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"
4z.	195.8	0.80 in./HR	APPLICATOR OF 1.2" PER DAY	ADU	#20	3"

TOTAL 11 HOURS AND 30 MINUTES

IRIGATION LEGEND

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