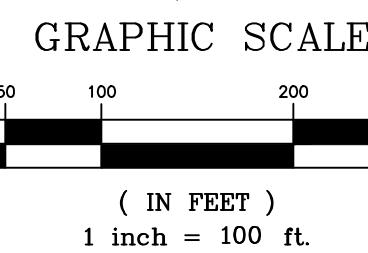


TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 139.77 ACRES

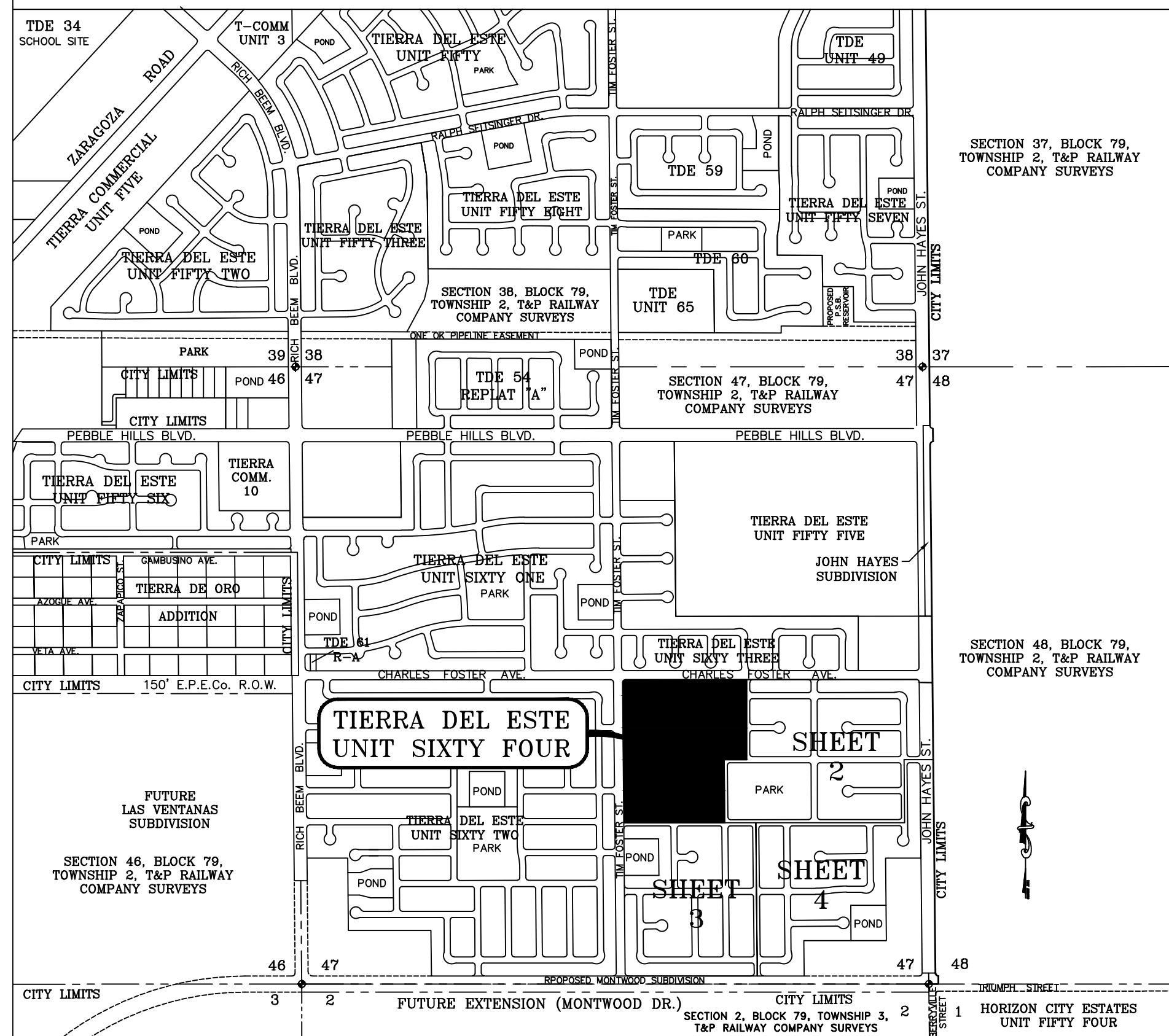
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	39.49	25.22	35.51	N44°43'18"E	90°30'31"
C2	750.00	38.22	19.11	38.22	N05°08'49"W	2°55'11"
C3	750.00	60.60	30.32	60.58	N02°22'02"W	4°31'44"
C4	25.00	38.00	23.76	34.44	N48°28'52"W	87°05'10"
C5	724.00	36.82	18.41	36.82	N01°28'52"W	2°54'50"
C6	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C7	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C8	30.00	47.12	30.00	42.43	S44°58'33"W	90°00'00"
C9	40.00	17.19	8.73	17.06	S77°42'51"E	24°37'12"
C10	70.00	37.99	19.48	37.53	N80°51'17"W	31°03'50"
C11	70.00	41.75	21.52	41.13	S66°24'43"W	34°10'25"
C12	70.00	41.75	21.52	41.13	S32°14'18"W	34°10'25"
C13	70.00	50.03	26.14	48.97	S05°19'23"E	40°56'57"
C14	40.00	1.17	0.59	1.17	N24°57'30"W	14°01'44"
C15	40.00	16.82	8.54	16.70	N12°04'17"W	24°05'41"
C16	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C17	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C18	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C19	20.00	31.42	20.00	28.28	N00°31'57"W	90°00'00"
C20	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C21	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C22	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C23	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C24	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C25	25.00	39.05	24.78	35.20	S45°16'42"E	89°29'29"
C26	25.00	39.49	25.22	35.51	S44°43'18"W	90°30'31"
C27	25.00	39.05	24.78	35.20	S45°16'42"E	89°29'29"
C28	40.00	5.86	2.94	5.86	S85°46'32"W	8°24'02"
C29	40.00	6.24	3.13	6.24	S77°06'18"W	8°58'28"
C30	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C31	20.00	40.91	21.06	40.33	S56°41'35"E	33°29'10"
C32	20.00	40.91	21.06	40.33	S23°12'25"E	33°29'10"
C33	70.00	33.24	16.94	32.93	S07°08'30"W	27°12'40"
C34	40.00	14.86	7.51	14.77	N10°06'26"E	21°16'48"
C35	30.00	46.86	29.73	42.24	S45°16'42"E	89°29'29"
C36	20.00	31.59	20.18	28.41	S44°43'18"W	90°30'31"
C37	20.00	31.24	19.81	28.15	N45°18'10"W	89°26'35"
C38	25.00	39.49	25.22	35.51	S44°43'18"W	90°30'31"
C39	25.00	39.05	24.78	35.20	S45°16'42"E	89°29'29"
C40	20.00	31.59	20.18	28.41	N44°43'18"W	90°30'31"
C41	20.00	31.24	19.81	28.15	S45°16'42"E	89°29'29"
C42	20.00	23.80	13.54	22.42	S33°33'56"W	68°11'47"
C43	50.00	62.49	36.07	58.50	N31°51'38"E	71°38'22"
C44	50.00	31.24	19.81	36.40	N25°17'17"W	42°41'28"
C45	50.00	38.18	20.07	37.26	N68°30'31"W	43°45'00"
C46	50.00	39.71	20.97	38.68	S66°51'42"W	45°30'33"
C47	50.00	40.02	21.15	38.96	S21°10'43"W	45°51'26"
C48	50.00	15.92	8.03	15.86	S10°52'22"E	18°14'44"
C49	20.00	6.79	3.43	6.76	N101°55'51"W	19°27'47"
C50	25.00	17.57	9.17	17.21	S19°36'10"W	40°16'15"
C51	25.00	21.92	11.72	21.22	S64°51'29"W	50°14'16"

LINE	LENGTH	BEARING
L1	63.00	N00°31'57"W
L2	38.00	N89°58'33"E
L3	38.00	N89°58'33"E
L4	38.00	N89°58'33"E
L5	20.00	S00°01'27"E
L6	20.00	N00°31'57"W
L7	50.78	N00°31'57"W
L8	51.22	N00°31'57"W
L9	50.78	N00°31'57"W
L10	51.22	N00°31'57"W
L11	50.78	N00°31'57"W
L12	49.46	N89°58'33"E
L13	38.00	S89°51'23"E
L14	20.00	S89°28'03"W



LOCATION MAP

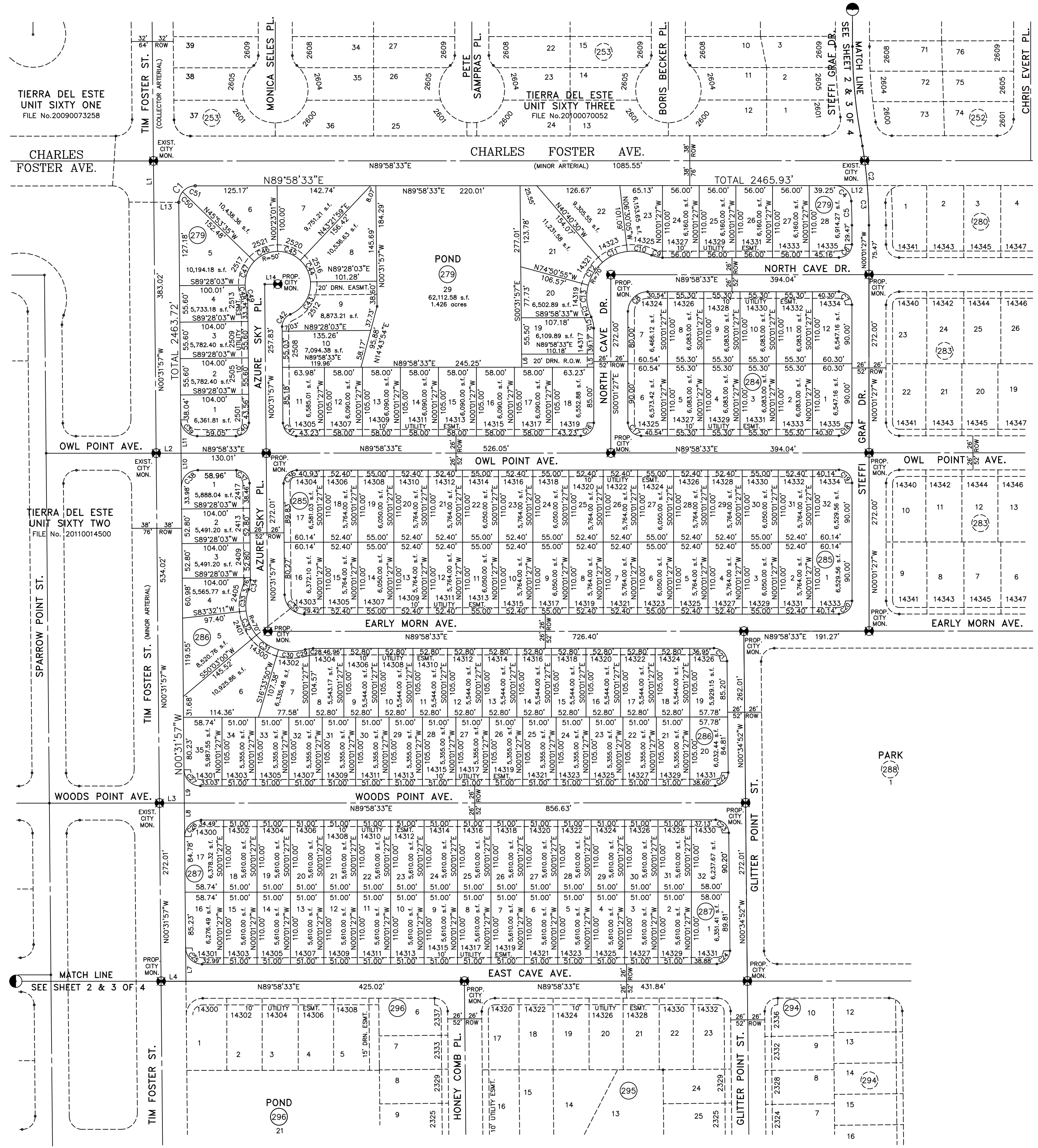
SCALE: 1" = 1000'



Tierra Del Este Unit Sixty Four Notes:

Tierra Del Este Subdivision Unit Sixty Four 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"	4,528	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 FOUR) FROM EXISTING EL PASO WATER UTILITIES/PUBLIC SERVICE BOARD FACILITIES AND WILL BE CONSTRUCTED AND OPERABLE AS OF JUNE 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 16.343, 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. 20110066077 DATE 9-22-11
INSTRUMENT No. 20110066078 DATE 9-22-11
VEHICULAR ACCESS TO THOSE RESIDENTIAL LOTS ABUTTING TIM FOSTER ST., CHARLES FOSTER AVE., JOHN HAYES STREET, AND FUTURE MONTWOOD DR. 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. _____ DATE _____
RESTRICTIVE COVENANTS FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.
INSTRUMENT No. 20110066079 DATE 9-22-11
LOT CORNERS WILL BE SET UP ON 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 4802120175B, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD UNSHADED ZONE X OUTSIDE THE 500 YEAR FLOOD-PLAIN.
BEARING BASIS AS PER PLAT OF TIERRA DEL ESTE UNIT SIXTY TWO RECORDED IN CLERKS FILE NO. 2011004500, REAL PROPERTY RECORDS OF EL PASO COUNTY, TX.
PLANNED IMPROVEMENTS 20110066080 9-22-11

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., pedestrian R.O.W., drainage easements, and utility easements as hereon laid out 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 9th day of August, 2011.

By: Douglas A. Schwartz
Douglas A. Schwartz, MANAGER

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 9th day of August, 2011.
J. 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 17 day of August, 2011

TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 139.77 ACRES

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	39.03	24.76	35.18	S45°18'10"E	89°26'35"
C2	750.00	60.60	30.32	60.58	N02°20'20"W	4°37'46"
C3	750.00	38.22	19.11	38.22	N06°08'49"W	2°55'11"
C4	25.00	40.38	28.13	36.13	S43°32'27"W	90°32'33"
C5	776.00	34.44	17.22	34.43	N01°17'44"W	2°32'33"
C6	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C7	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C8	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C9	20.00	17.08	9.10	16.56	N65°31'01"E	48°55'04"
C10	50.00	17.08	9.10	16.56	N65°31'01"E	48°55'04"
C11	50.00	46.87	25.32	45.17	S87°49'04"W	43°32'09"
C12	50.00	37.99	19.97	37.08	N43°30'42"E	43°32'09"
C13	50.00	37.99	19.97	37.08	N43°30'42"E	43°32'09"
C14	50.00	37.99	19.97	37.08	N43°30'42"E	43°32'09"
C15	50.00	46.87	25.32	45.17	S87°51'58"E	53°42'32"
C16	50.00	17.37	8.77	17.28	S51°03'33"E	19°54'19"
C17	20.00	17.08	9.10	16.56	N65°31'01"E	48°55'04"
C18	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C19	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C20	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C21	20.00	31.22	19.81	28.15	S45°18'10"E	89°26'35"
C22	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C23	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C24	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C25	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C26	20.00	10.75	5.51	10.62	S74°35'01"W	30°47'04"
C27	20.00	8.15	4.13	8.10	S47°30'37"W	23°21'43"
C28	50.00	52.42	28.91	50.06	N65°51'58"E	60°04'26"
C29	50.00	33.83	17.59	33.19	S64°42'41"E	38°46'17"
C30	50.00	31.81	16.47	31.28	S27°05'51"E	36°27'22"
C31	50.00	10.07	5.04	10.00	S00°01'27"W	90°00'00"
C32	50.00	36.15	18.91	35.37	S23°22'47"W	41°25'27"
C33	50.00	33.83	17.59	33.19	S62°28'39"W	38°46'17"
C34	50.00	43.94	23.50	42.54	N71°57'50"W	50°20'45"
C35	20.00	12.13	6.26	11.95	S64°10'10"E	34°45'26"
C36	20.00	2.96	1.48	2.96	S85°47'10"E	8°28'33"
C37	20.00	31.81	16.47	31.28	N44°41'50"E	90°33'25"
C38	20.00	31.22	19.81	28.15	S45°18'10"E	89°26'35"
C39	20.00	39.51	25.24	35.53	N44°41'50"E	90°33'25"
C40	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C41	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C42	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C43	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C44	20.00	31.42	20.00	28.28	S50°12'27"W	90°00'00"
C45	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C46	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C47	20.00	3.79	1.90	3.78	S43°33'09"W	10°50'48"
C48	20.00	13.29	6.90	13.05	S60°05'37"W	38°04'16"
C49	50.00	44.62	23.92	43.15	N66°37'19"E	51°07'39"
C50	50.00	34.48	17.96	33.80	S68°32'26"E	39°30'52"
C51	50.00	34.48	17.96	33.80	S28°32'26"E	39°30'52"
C52	50.00	10.07	5.04	10.00	S01°01'27"E	11°32'13"
C53	50.00	34.86	18.17	34.15	S22°41'20"W	39°56'13"
C54	50.00	35.06	18.28	34.34	S62°46'42"W	40°10'12"
C55	50.00	48.90	26.60	46.97	N69°07'18"W	56°01'49"
C56	20.00	12.27	6.33	12.07	S58°40'33"E	35°08'18"
C57	20.00	4.81	2.42	4.80	S83°08'04"E	13°46'45"
C58	20.00	31.81	16.47	31.28	N44°41'50"E	90°33'25"
C59	20.00	46.83	28.71	42.22	N45°18'10"W	89°26'35"
C60	40.00	9.50	4.77	9.48	S06°13'20"W	13°36'23"
C61	40.00	5.36	2.68	5.35	S16°51'43"W	7°40'25"
C62	70.00	41.54	21.40	40.94	N03°41'47"E	34°00'18"
C63	70.00	38.88	19.96	38.39	N29°13'12"W	31°49'40"
C64	70.00	38.88	19.96	38.39	N61°02'51"E	31°49'40"
C65	70.00	41.96	21.63	41.32	S44°58'33"W	34°03'44"
C66	40.00	4.81	2.41	4.81	N72°08'27"E	6°53'24"
C67	40.00	10.05	5.05	10.02	N82°46'51"E	14°23'24"
C68	25.00	18.83	9.89	18.39	N22°09'21"W	43°08'59"
C69	25.00	20.20	10.69	19.65	N66°52'39"W	46°17'36"
C70	25.00	39.27	25.00	35.36	S44°58'33"W	90°00'00"
C71	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C72	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C73	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C74	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C75	25.00	39.27	25.00	35.36	N45°01'27"W	90°00'00"

Tierra Del Este Unit Sixty Four Notes:

Tierra Del Este Subdivision Unit Sixty Four 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, 2008, 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"	2,836	1,640
2"	4,528	2,624
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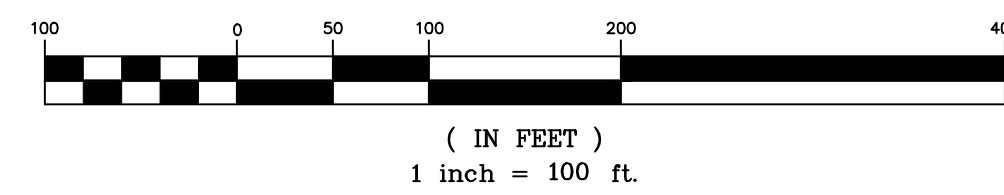
NOTES:

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.

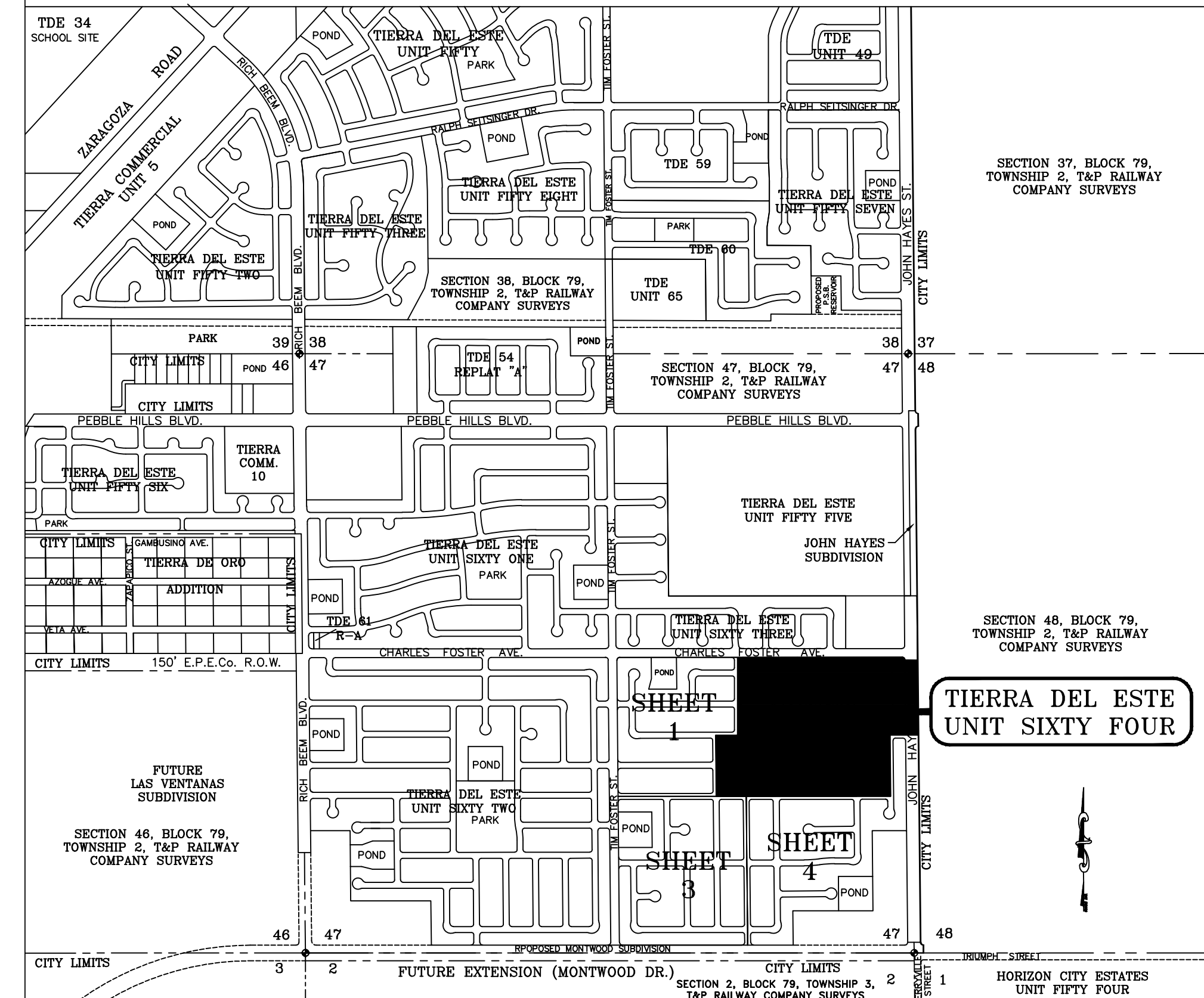
LINE	LENGTH	BEARING
L1	110.01	S89°46'16"E
L2	63.00	N00°34'52"W
L3	38.00	N00°01'27"W
L4	52.66	N89°58'33"E
L5	51.00	N89°58'33"E
L6	51.00	N89°58'33"E
L7	55.005	S89°46'16"E
L8	55.005	S89°46'16"E
L9	5.00	N00°01'27"W
L10	10.08	S80°13'51"W
L11	7.81	S50°13'07"E
L12	7.81	S50°13'07"E
L13	10.08	N60°16'45"W
L14	50.77	N89°58'33"E
L15	0.77	N89°58'33"E
L16	0.77	N89°58'33"E

GRAPHIC SCALE



LOCATION MAP

SCALE: 1" = 1000'



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 IV, 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 9th day of August, 2011.
 /s/ Susan McMillan
 Notary Public in and for El Paso County My Commission Expires 3-16-19

DATE OF PREPARATION: SEPTEMBER 05, 2010

CONDE INC.
 ENGINEERING / PLANNING
 GPS / SURVEYING / CAD
 6080 SURREY DR. STE 100
 EL PASO, TEXAS 79905
 PHONE: (915) 582-0283
 FAX: (915) 582-0286

TIERRA DEL ESTE UNIT SIXTY FOUR

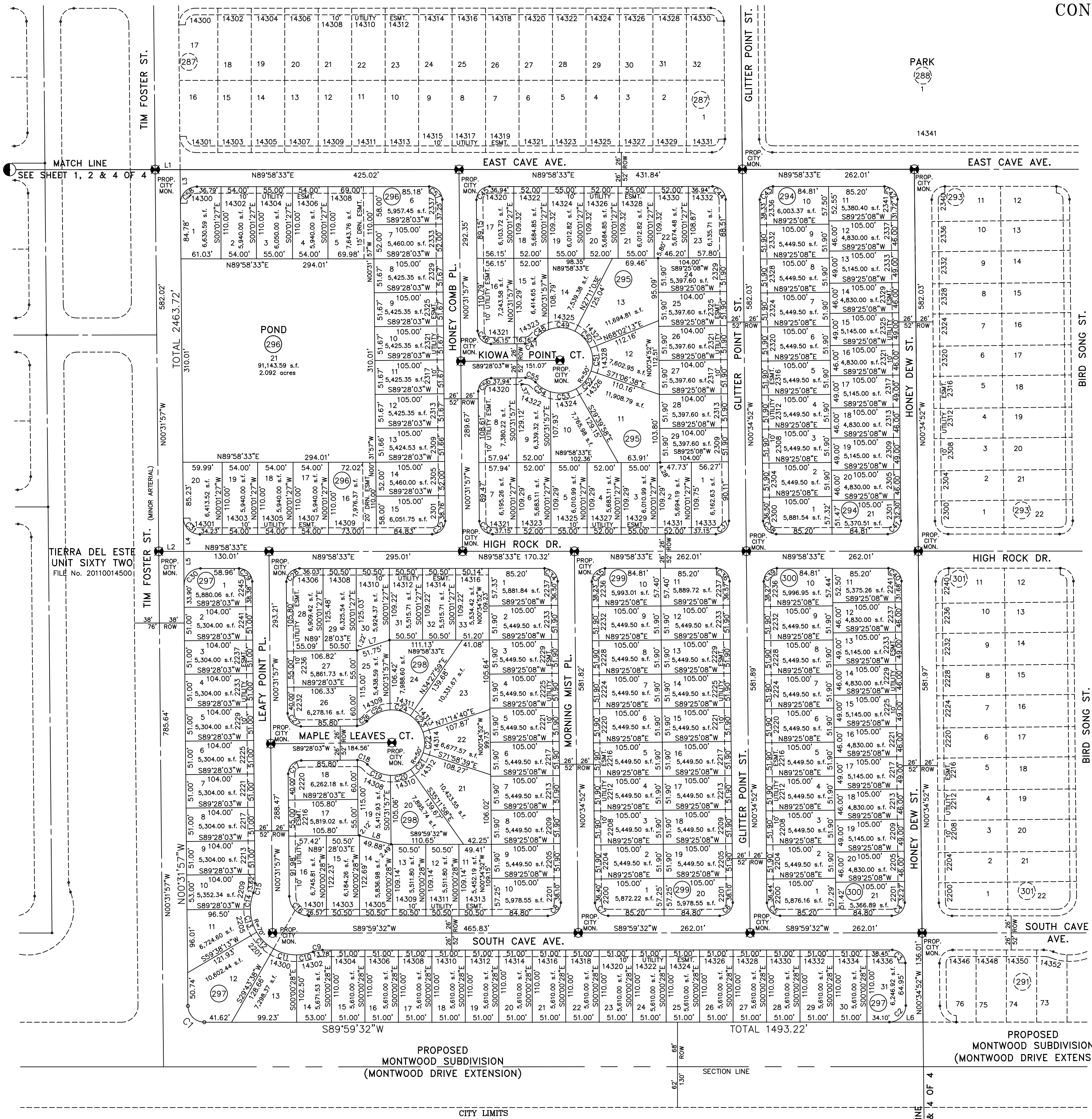
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 139.77 ACRES

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Tierra Del Este Subdivision Unit Sixty Four, 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.

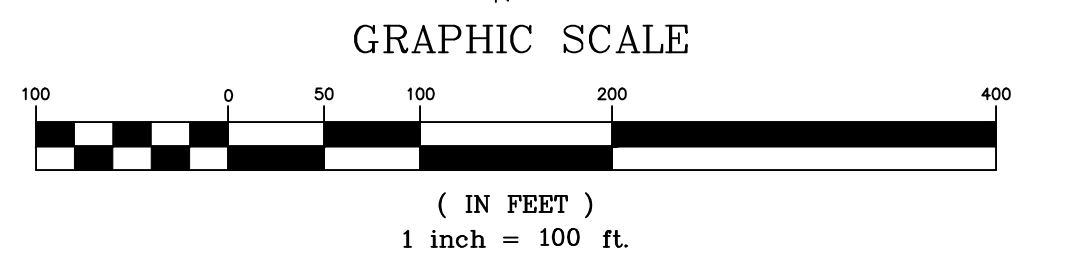
Meter Size	Water (\$)	Wastewater (\$)
1 1/2"	566	328
2"	2,830	1,640
3"	4,528	2,624
4"	9,056	5,248
5"	14,150	8,200
6"	28,300	16,400
8"	52,827	30,613
10"	75,467	43,733

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	39.04	24.77	35.19	N45°16'13"W	89°28'30"
C2	25.00	39.52	25.25	35.53	N44°42'20"E	90°34'24"
C3	20.00	31.22	19.80	28.14	N45°17'40"W	89°25'36"
C4	20.00	31.62	20.20	28.43	N44°42'20"E	90°34'24"
C5	20.00	31.22	19.80	28.14	S45°17'40"E	89°25'36"
C6	20.00	31.62	20.20	28.43	N44°42'20"E	90°34'24"
C7	20.00	31.22	19.80	28.14	S45°17'40"E	89°25'36"
C8	20.00	31.62	20.20	28.43	N44°42'20"E	90°34'24"
C9	40.00	14.86	7.51	14.77	S79°21'08"W	21°16'48"
C10	70.00	25.30	12.79	25.16	N79°04'00"E	20°42'32"
C11	70.00	37.03	18.96	36.60	S75°25'33"E	30°18'22"
C12	70.00	36.54	18.70	36.13	S45°19'05"E	29°54'35"
C13	70.00	36.98	18.93	36.56	S15°31'38"E	30°15'19"
C14	70.00	25.46	12.87	25.32	S10°19'41"W	20°50'19"
C15	40.00	14.86	7.51	14.77	N10°08'26"E	21°16'48"
C16	30.00	46.85	29.73	42.23	S45°16'13"E	89°28'30"
C17	20.00	31.42	20.00	28.28	S44°28'03"W	90°00'00"
C18	20.00	17.08	9.10	16.56	N66°04'26"W	48°55'04"
C19	50.00	39.92	21.09	38.97	S64°29'22"E	49°44'57"
C20	50.00	33.02	17.14	32.42	N73°44'00"E	37°50'07"
C21	50.00	32.09	16.62	31.55	N36°24'42"E	36°46'41"
C22	50.00	32.09	16.62	31.55	N00°22'00"W	36°46'41"
C23	50.00	32.09	16.62	31.55	N37°08'41"W	36°46'41"
C24	50.00	32.87	17.05	32.28	N74°22'04"W	37°40'07"
C25	50.00	40.36	21.35	39.27	S63°40'28"W	46°14'53"
C26	20.00	17.08	9.10	16.56	N65°00'31"E	48°55'04"
C27	20.00	31.42	20.00	28.28	N65°01'57"E	90°00'00"
C28	20.00	31.59	20.18	28.41	S44°43'18"W	90°30'31"
C29	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C30	25.00	39.49	25.22	35.51	S44°43'18"W	90°30'31"
C31	25.00	39.05	24.78	35.20	S45°16'42"E	89°29'29"
C32	20.00	31.59	20.18	28.41	N44°43'18"E	90°30'31"
C33	20.00	31.24	19.82	28.16	S45°16'42"E	89°29'29"
C34	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C35	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C36	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C37	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C38	20.00	31.22	19.81	28.15	S45°18'10"E	89°26'35"
C39	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C40	20.00	31.42	20.00	28.28	S45°31'57"E	90°00'00"
C41	20.00	17.08	9.10	16.56	N65°00'31"E	48°55'04"
C42	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C43	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C44	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C45	20.00	31.59	20.18	28.41	S44°43'18"W	90°30'31"
C46	20.00	31.42	20.00	28.28	S45°31'57"E	90°00'00"
C47	20.00	17.08	9.10	16.56	N65°00'31"E	48°55'04"
C48	50.00	25.42	12.99	25.15	S55°06'50"W	29°07'43"
C49	50.00	41.46	22.00	40.28	N86°34'08"W	47°30'22"
C50	50.00	35.65	18.62	34.90	N42°23'22"W	40°51'09"
C51	50.00	35.65	18.62	34.90	N01°32'13"W	40°51'09"
C52	50.00	36.17	18.92	35.38	N39°36'42"E	41°26'40"
C53	50.00	40.80	21.61	39.68	N83°42'39"E	46°45'14"
C54	50.00	27.31	14.01	28.97	S57°54'07"E	31°17'50"
C55	20.00	17.08	9.10	16.56	N66°04'26"W	48°55'04"
C56	20.00	31.42	20.00	28.28	S44°28'03"W	90°00'00"
C57	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C58	25.00	39.49	25.22	35.51	S44°43'18"W	90°30'31"

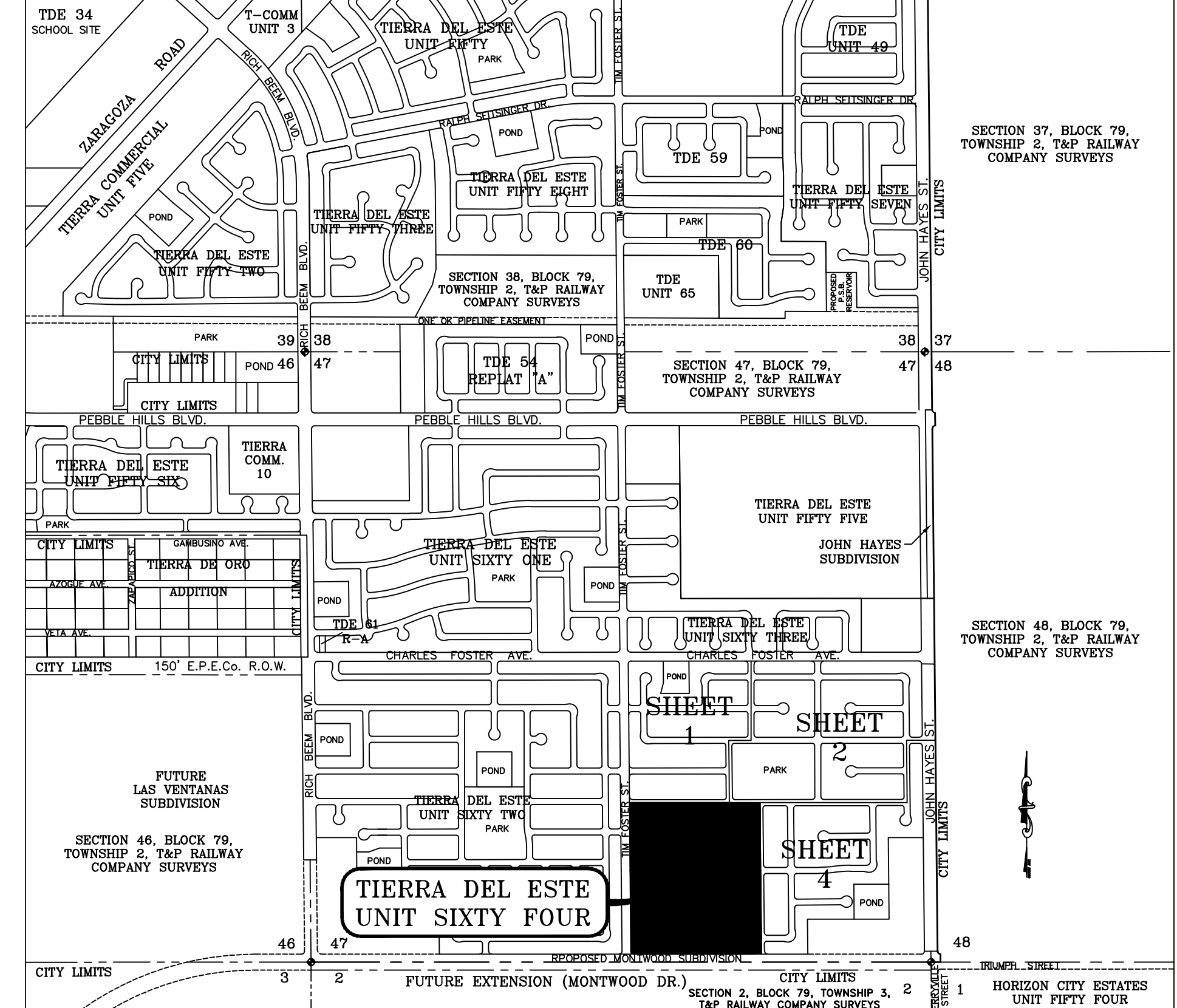


NOTES:
LOT CORNERS WILL BE SET UPON COMPLETION OF CONSTRUCTION OF ROADWAYS AND UTILITIES.
U.S. POSTAL SERVICE DELIVERY WILL BE PROVIDED THROUGH NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS.
SET 1/2" REBAR WITH CAP MARKED TX 5152 AT ALL EXTERIOR BOUNDARY CORNERS UNLESS OTHERWISE NOTED.
ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO 480210758, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD ZONE X OUTSIDE THE 500 YEAR FLOOD-PLAIN.

LINE	LENGTH	BEARING
L1	38.00	N89°58'33"E
L2	38.00	N89°58'33"E
L3	51.22	N00°31'57"W
L4	50.78	N00°31'57"W
L5	51.22	N00°31'57"W
L6	51.25	S89°59'32"W
L7	51.75	N72°11'47"E
L8	49.88	S74°14'56"E



LOCATION MAP SCALE: 1" = 1000'



DATE OF PREPARATION: SEPTEMBER 05, 2010

CONDE INC.
ENGINEERING / PLANNING
GPS / SURVEYING / CADD
6080 SUBURY DR. STE 100
EL PASO, TEXAS 79906
PHONE: (915) 592-0283
FAX: (915) 592-0282

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, IV, 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 9th day of August, 2011.
J. Susan McMillan
Notary Public in and for El Paso County My Commission Expires 8-16-13

TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 139.77 ACRES

Tierra Del Este Unit Sixty Four Notes:

Tierra Del Este Subdivision Unit Sixty Four 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.

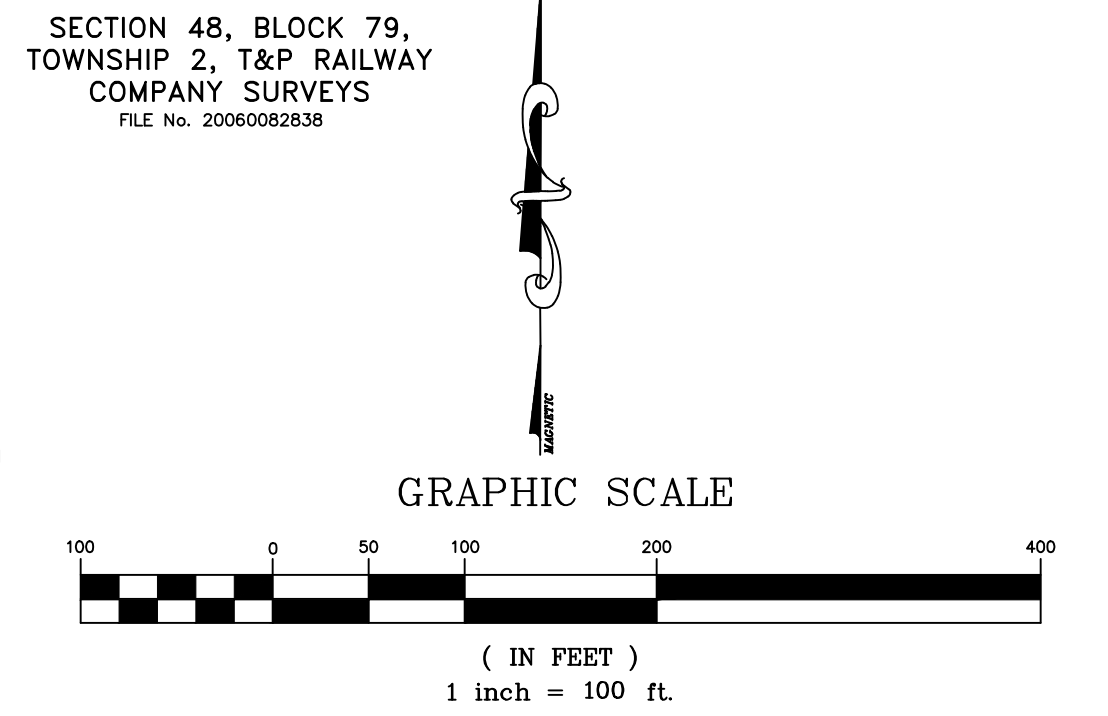
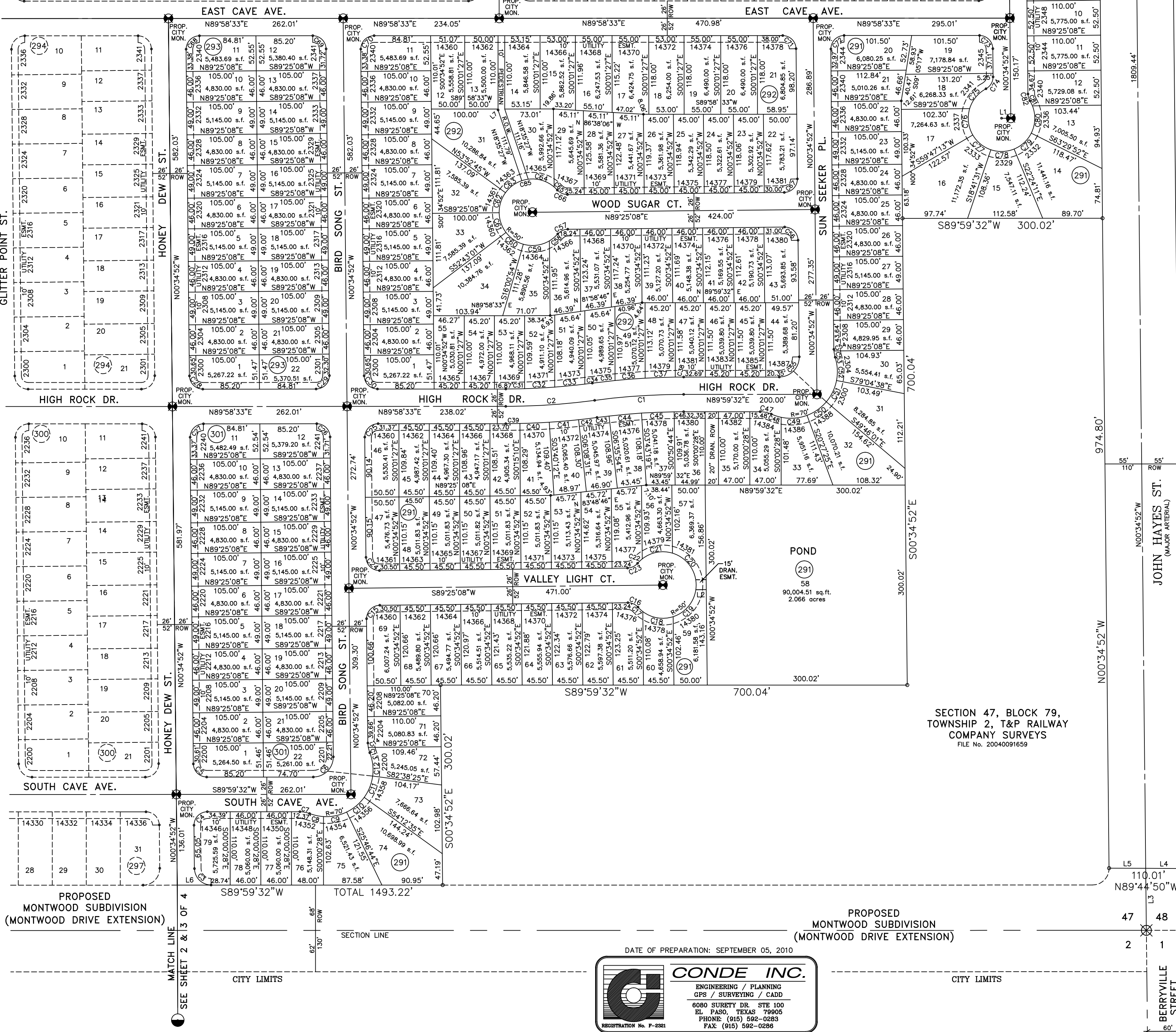
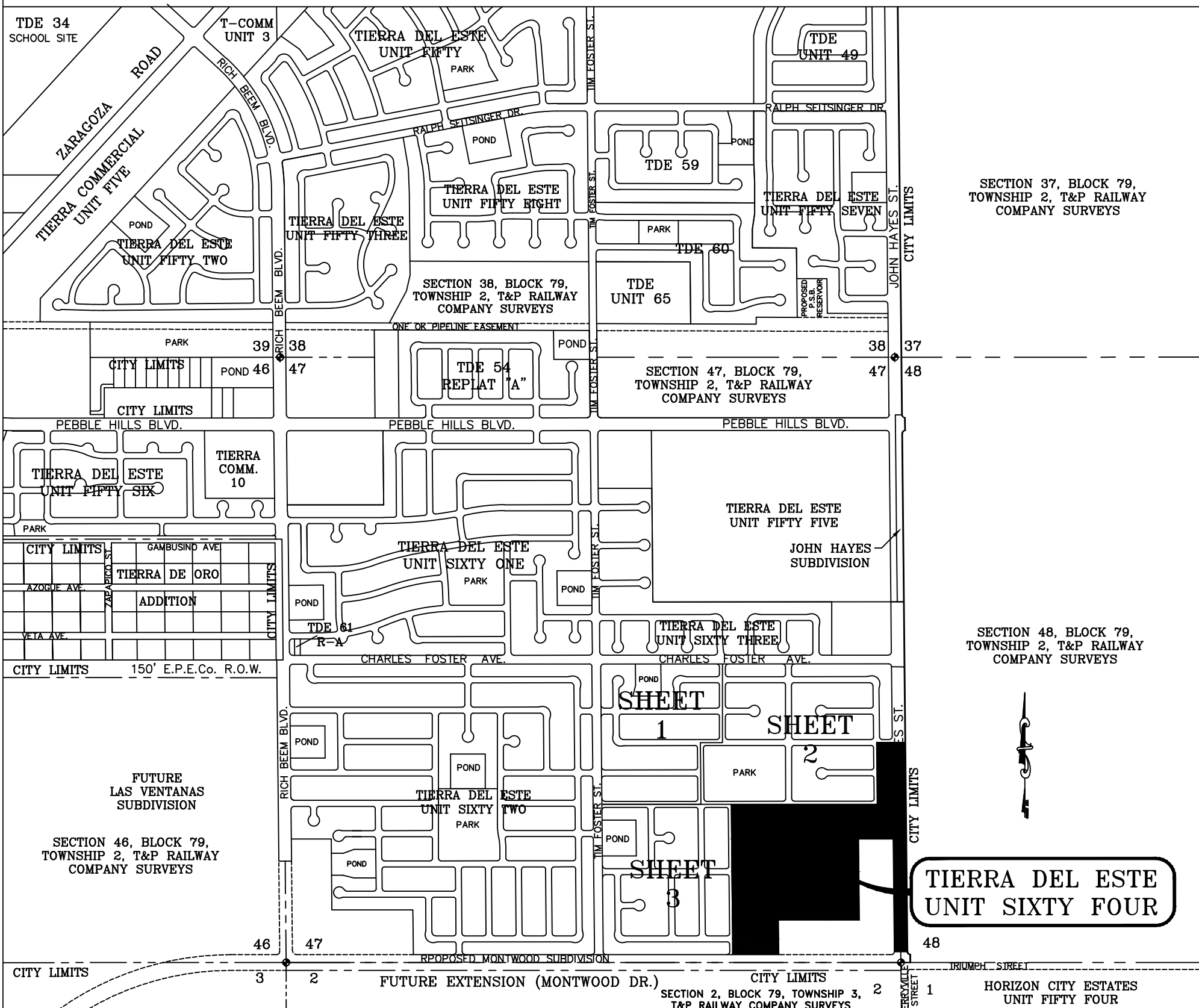
Meter Size	Water (\$)	Wastewater (\$)
5/8" x 3/4"	566	328
1 1/2"	1,396	809
2"	2,830	1,640
3"	4,528	2,624
4"	9,056	5,248
6"	14,150	8,200
8"	28,300	16,400
10"	52,827	30,613
12"	75,467	43,733

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	1000.00	133.96	67.98	133.96	S89°08'16"W	74°03'11"
C2	1000.00	133.67	68.94	133.58	N89°08'17"E	73°59'37"
C3	25.00	39.02	24.75	35.18	S45°17'40"E	89°25'36"
C4	20.00	31.62	20.20	28.43	S44°42'20"W	90°34'24"
C5	20.00	31.22	19.80	28.14	S45°17'40"E	89°25'36"
C6	30.00	47.42	30.30	42.64	N44°42'20"E	90°34'24"
C7	40.00	14.86	7.51	14.77	N79°22'04"W	21°16'48"
C8	70.00	21.70	11.62	21.62	S77°36'34"E	17°45'49"
C9	70.00	35.78	18.29	35.59	N78°51'52"E	29°17'16"
C10	70.00	34.73	17.73	34.38	N50°02'00"E	28°25'50"
C11	70.00	34.73	17.73	34.38	N21°34'30"E	28°25'50"
C12	70.00	35.70	18.25	35.31	N07°15'02"W	29°13'15"
C13	40.00	8.29	4.16	8.27	S15°55'39"E	11°52'03"
C14	40.00	6.57	3.29	6.56	S05°17'15"E	9°24'45"
C15	20.00	31.42	20.00	28.28	S44°25'08"W	90°00'00"
C16	20.00	17.08	9.10	16.56	N65°07'20"W	48°55'04"
C17	50.00	9.89	4.96	9.87	S47°19'39"E	11°19'41"
C18	50.00	48.04	26.05	46.21	S80°30'55"E	55°02'50"
C19	50.00	55.78	31.19	52.93	N40°00'13"E	63°54'56"
C20	50.00	70.83	42.83	65.06	N32°32'20"W	81°10'10"
C21	50.00	48.04	26.05	46.21	S79°21'11"W	59°02'50"
C22	50.00	9.89	4.96	9.87	S46°09'55"W	11°19'41"
C23	20.00	17.08	9.10	16.56	N65°07'20"W	48°55'04"
C24	20.00	31.42	20.00	28.28	S45°34'52"E	90°00'00"
C25	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C26	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C27	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C28	20.00	31.22	19.81	28.15	S45°18'10"E	89°26'35"
C29	20.00	31.41	20.00	28.42	N44°42'20"E	90°34'24"
C30	20.00	31.22	19.81	28.15	S45°18'10"E	89°26'35"
C31	974.00	28.34	14.17	28.34	N89°08'32"E	14°01'11"
C32	974.00	45.27	22.64	45.26	N86°58'39"E	2°39'46"
C33	974.00	45.43	22.72	45.42	N84°18'36"E	2°40'20"
C34	974.00	11.17	5.58	11.17	N82°38'43"E	0°39'25"
C35	1026.00	34.36	17.18	34.36	S85°16'34"W	1°55'07"
C36	1026.00	45.34	22.67	45.34	S85°30'06"W	2°31'55"
C37	1026.00	45.23	22.62	45.23	S88°01'50"W	2°31'33"
C38	1026.00	12.51	6.26	12.51	S89°38'34"W	0°41'56"
C39	1026.00	21.37	10.68	21.36	N89°22'45"E	11°11'35"
C40	1026.00	43.92	21.96	43.92	N87°33'23"E	2°27'09"
C41	1026.00	44.27	22.14	44.26	N85°05'39"E	2°28'19"
C42	1026.00	27.60	13.80	27.60	N83°05'19"E	1°32'28"
C43	974.00	18.44	9.22	18.44	S82°31'34"E	1°05'36"
C44	974.00	48.90	24.45	48.89	S84°50'24"W	2°52'35"
C45	974.00	48.90	24.45	48.89	S87°42'58"W	2°52'35"
C46	974.00	14.24	7.12	14.24	S89°34'24"W	0°50'17"
C47	40.00	17.19	8.73	17.06	N77°41'12"E	24°37'12"
C48	70.00	15.67	7.87	15.64	S71°48'06"E	12°49'40"
C49	70.00	30.39	15.39	30.38	N85°39'49"E	32°14'29"
C50	70.00	35.81	18.31	35.42	N84°53'17"E	48°55'04"
C51	70.00	35.81	18.31	35.42	N25°54'40"E	29°18'36"
C52	70.00	35.24	18.00	34.87	N03°29'59"W	28°50'44"
C53	40.00	9.75	4.90	9.72	S10°56'34"E	13°57'35"
C54	40.00	2.36	1.18	2.36	S02°16'19"E	3°22'55"
C55	30.00	47.42	30.30	42.64	N44°42'20"E	90°34'24"
C56	20.00	31.42	20.00	28.28	N45°34'52"W	90°00'00"
C57	20.00	17.08	9.10	16.56	S64°53'17"E	47°46'21"
C58	50.00	16.51	8.33	16.43	N49°57'36"E	18°55'04"
C59	50.00	40.66	21.53	39.55	N82°43'01"E	46°35'46"
C60	50.00	32.03	16.59	31.48	S55°58'03"E	36°42'07"
C61	50.00	32.03	16.59	31.48	S18°55'56"E	36°42'07"
C62	50.00	32.03	16.59	31.48	S17°46'12"W	36°42'07"
C63	50.00	30.79	15.90	30.31	S53°45'54"W	39°17'18"
C64	50.00	41.69	22.14	40.49	N73°03'03"E	47°46'21"
C65	50.00	6.65	3.33	6.64	N45°28'20"W	7°37'04"
C66	20.00	17.08	9.10	16.56	S66°07'20"E	48°55'04"
C67	20.00	31.42	20.00	28.28	N44°25'08"W	90°00'00"
C68	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C69	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C70	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C71	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C72	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C73	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C74	20.00	21.92	12.21	20.84	N30°49'03"E	62°47'50"
C75	50.00	39.56	20.88	38.54	S39°32'57"W	45°20'02"
C76	50.00	41.10	21.79	39.95	S06°39'56"E	47°05'43"
C77	50.00	35.86	18.74	35.10	S50°45'38"E	41°05'42"
C78	50.00	35.86	18.74	35.10	N89°08'40"E	41°05'42"
C79	50.00	35.86	18.74	35.10	N47°03'25"E	41°05'42"
C80	50.00	42.29	22.51	41.04	N02°16'09"E	48°27'58"
C81	50.00	8.39	4.21	8.39	N26°46'28"W	9°37'12"
C82	20.00	10.82	5.55	10.69	S16°04'57"E	31°00'10"
C83	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C84	25.00	39.03	24.76	35.18	N45°18'10"W	89°26'35"
C85	50.00	10.07	5.05	10.05	S77°10'40"W	11°32'13"

LINE	LENGTH	BEARING
L1	14.00	N89°25'08"E
L2	15.57	S89°25'08"W
L3	93.00	N00°34'52"W
L4	55.005	S89°44'50"E
L5	55.005	S89°44'50"E
L6	50.75	S89°59'32"W
L7	1.63	S00°01'27"E

LOCATION MAP SCALE: 1" = 1000'



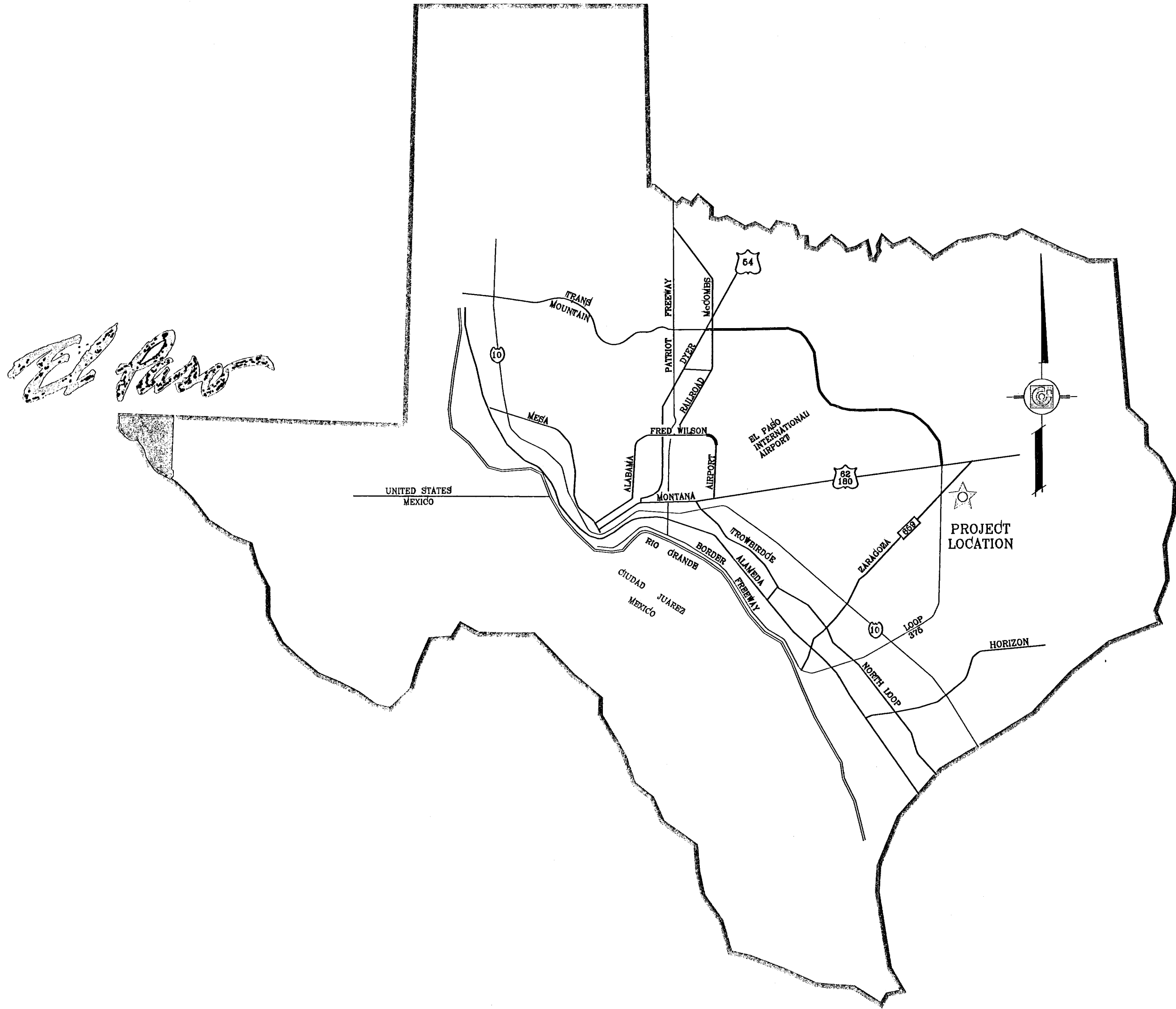
NOTES:
 LOT CORNERS WILL BE SET UPON COMPLETION OF CONSTRUCTION OF ROADWAYS AND UTILITIES.
 *U.S. POSTAL SERVICE DELIVERY WILL BE PROVIDED THROUGH NEIGHBORHOOD DELIVERY AND COLLECTION BOX UNITS.
 SET 1/2" REBAR WITH CAP MARKED TX 5152 AT ALL EXTERIOR BOUNDARY CORNERS UNLESS OTHERWISE NOTED.
 ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 4802120175B, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD ZONE X OUTSIDE THE 500 YEAR FLOOD-PLAIN.

SECTION 48, BLOCK 79, TOWNSHIP 2, T&P RAILWAY COMPANY SURVEYS
 FILE NO. 20060082838

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, L.P., 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 3rd day of August, 2011.
 Notary Public in and for El Paso County
 My Commission Expires 9-16-13

DATE OF PREPARATION: SEPTEMBER 05, 2010

 CONDE INC.
 ENGINEERING / PLANNING
 GPS / SURVEYING / CAD
 6080 SURETY DR. STE 100
 EL PASO, TEXAS 79905
 PHONE: (915) 992-0283
 FAX: (915) 992-0288



VICINITY MAP



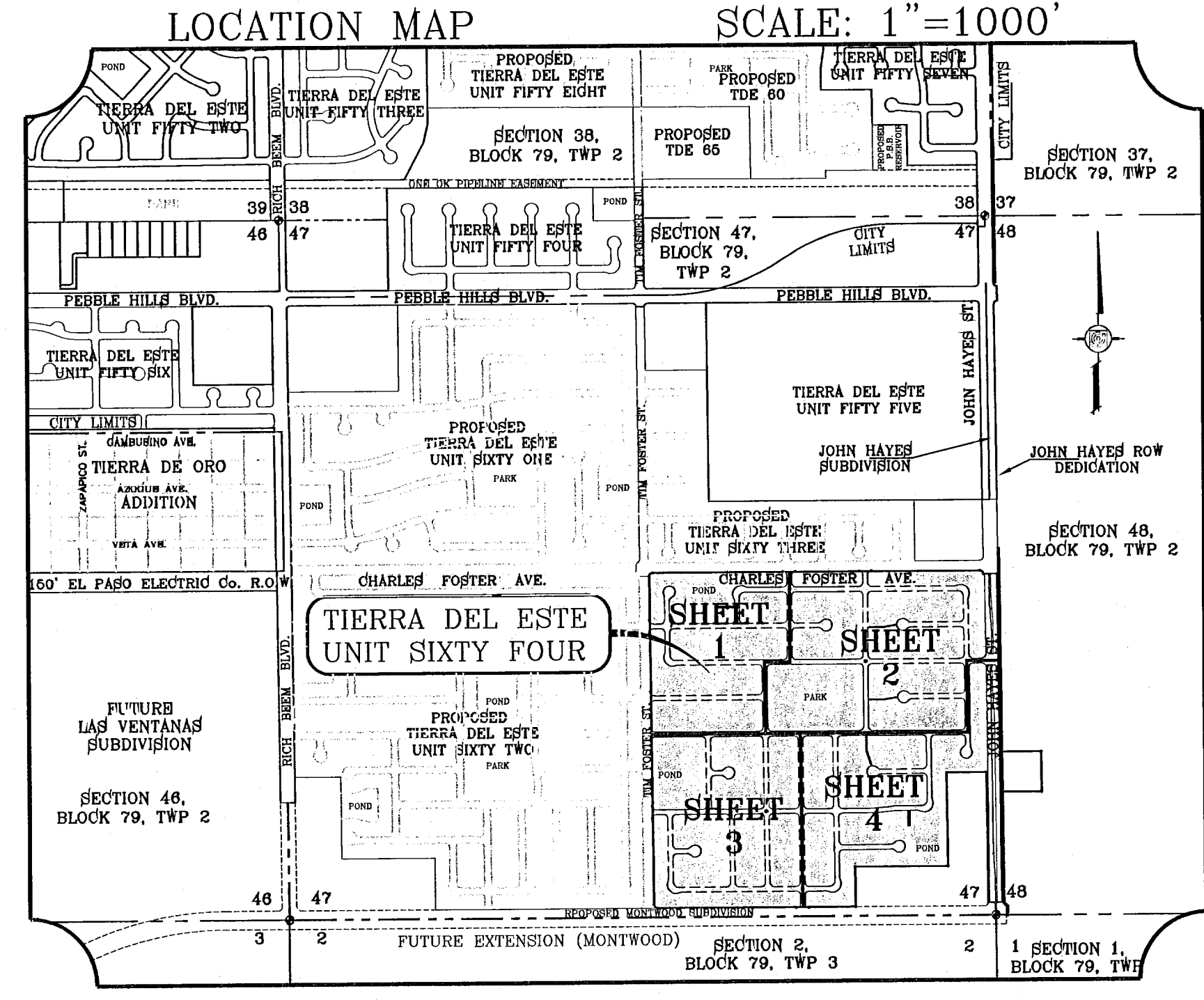
TIERRA DEL ESTE
UNIT SIXTY FOUR
PROJECT
LOCATION

DEVELOPMENT SERVICES DEPARTMENT
SITE PLAN REVIEW
Reviewed For Conformance For Conditions Related To:
Demolition Only
Grading & Drainage
Wheelchair Ramps
On Site Parking Layout
Sidewalks
Driveways
Retaining Rock Walls
On-Site Ponding of Storm Waters
Inspector: *[Signature]* DATE: 6/21/11

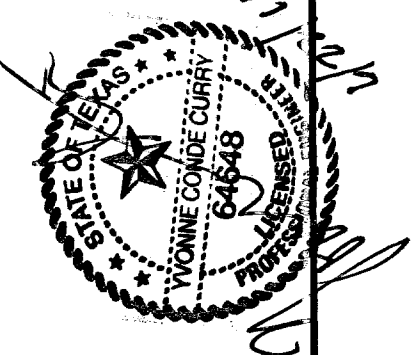
STREET IMPROVEMENTS

I N D E X

TITLE	SHEET No.	TITLE	SHEET No.
COVER SHEET	1 OF 82	LEAFY POINT PL.	50 OF 82
PLAT	2-5 OF 82	SOUTH CAVE AVE.	50-52 OF 82
GRADING	6-9 OF 82	BIRD SONG ST.	52-54 OF 82
GRADING SECTIONS	10-12A OF 82	HONEY COMB PL.	55 OF 82
DRAINAGE	13-16 OF 82	MAPLE LEAVES CT.	56 OF 82
S.W.P.P. AND STANDARD DETAILS	17-20 OF 82	KIOWA POINT CT.	56 OF 82
JOHN HAYES ST.	21-24 OF 82	MORNING MIST PL.	57 OF 82
OWL POINT AVE.	25-28 OF 82	GLITTER POINT ST.	58-60 OF 82
AZURE SKY PL.	27 OF 82	WOODS POINT AVE.	61-62 OF 82
EARLY MORN AVE.	27-31 OF 82	HONEY DEW ST.	63-64 OF 82
NORTH CAVE DR.	32-35 OF 82	VALLEY LIGHT CT.	65 OF 82
EASTERN SKY ST.	35-36 OF 82	WOOD SUGAR CT.	66 OF 82
STEFFI GRAF DR.	37 OF 82	DRAINAGE STRUCTURES	67-71 OF 82
EAST CAVE AVE.	38-41 OF 82	POND SECTIONS	72-75 OF 82
PLAYA POINT ST.	42-43 OF 82	STRUCTURE DETAILS	76 OF 82
WHISPER MARE CT.	44 OF 82	STANDARD DETAILS	77-78 OF 82
KAREN POINT CT.	45 OF 82	ILLUMINATION PLAN	79-82 OF 82
HIGH ROCK DR.	46-48 OF 82	LANDSCAPE & IRRIGATION PLAN	L1-L12 OF 12
SUN SEEKER PL.	48-49 OF 82		



PROJECT NAME
**TIERRA DEL ESTE
UNIT SIXTY FOUR**
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS,
CONTAINING 159.766 ACRES



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TERRINO, STE. 400
EL PASO, TEXAS 79966



SHT 1 OF 82

103176

TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 139.768 ACRES

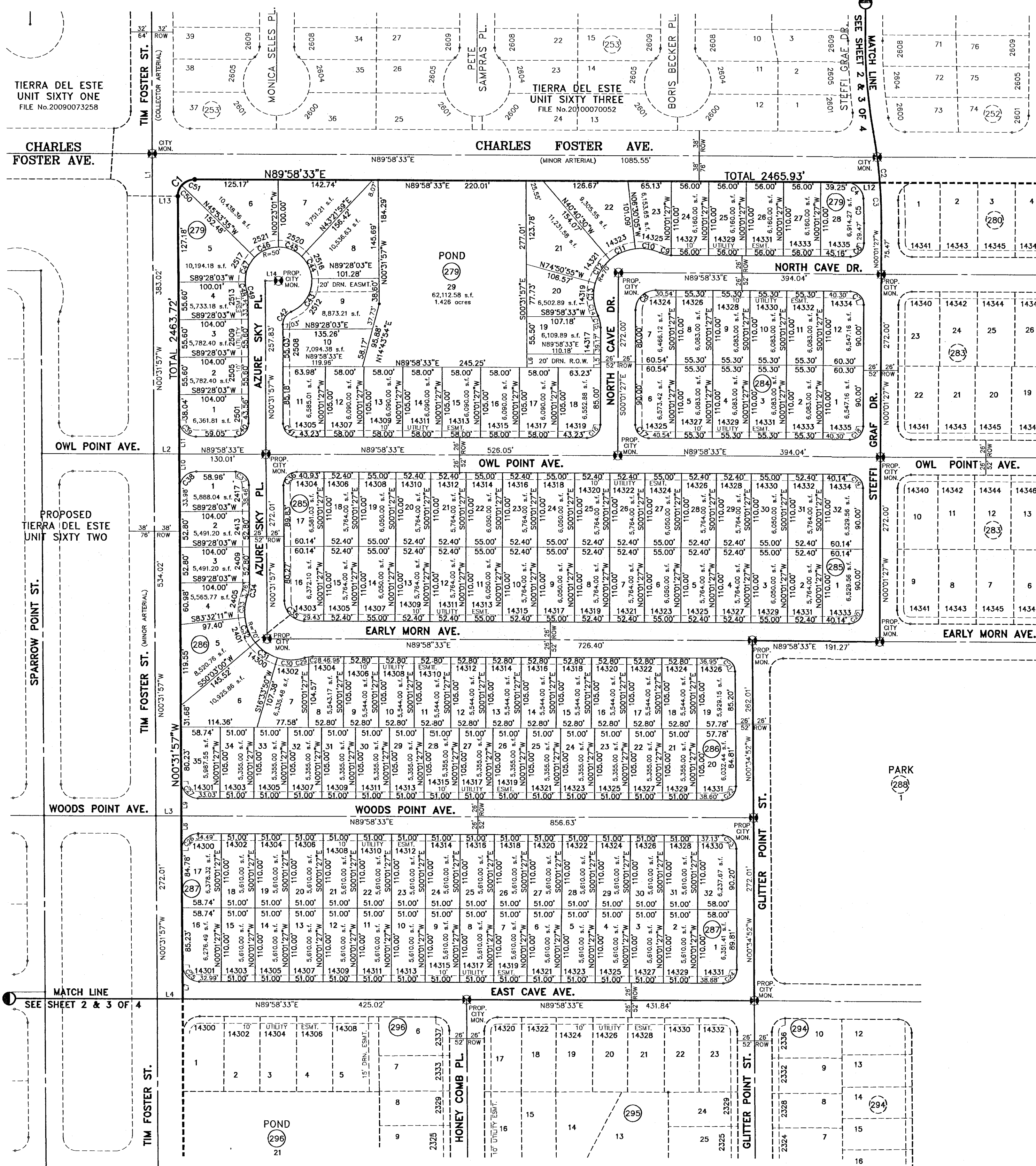
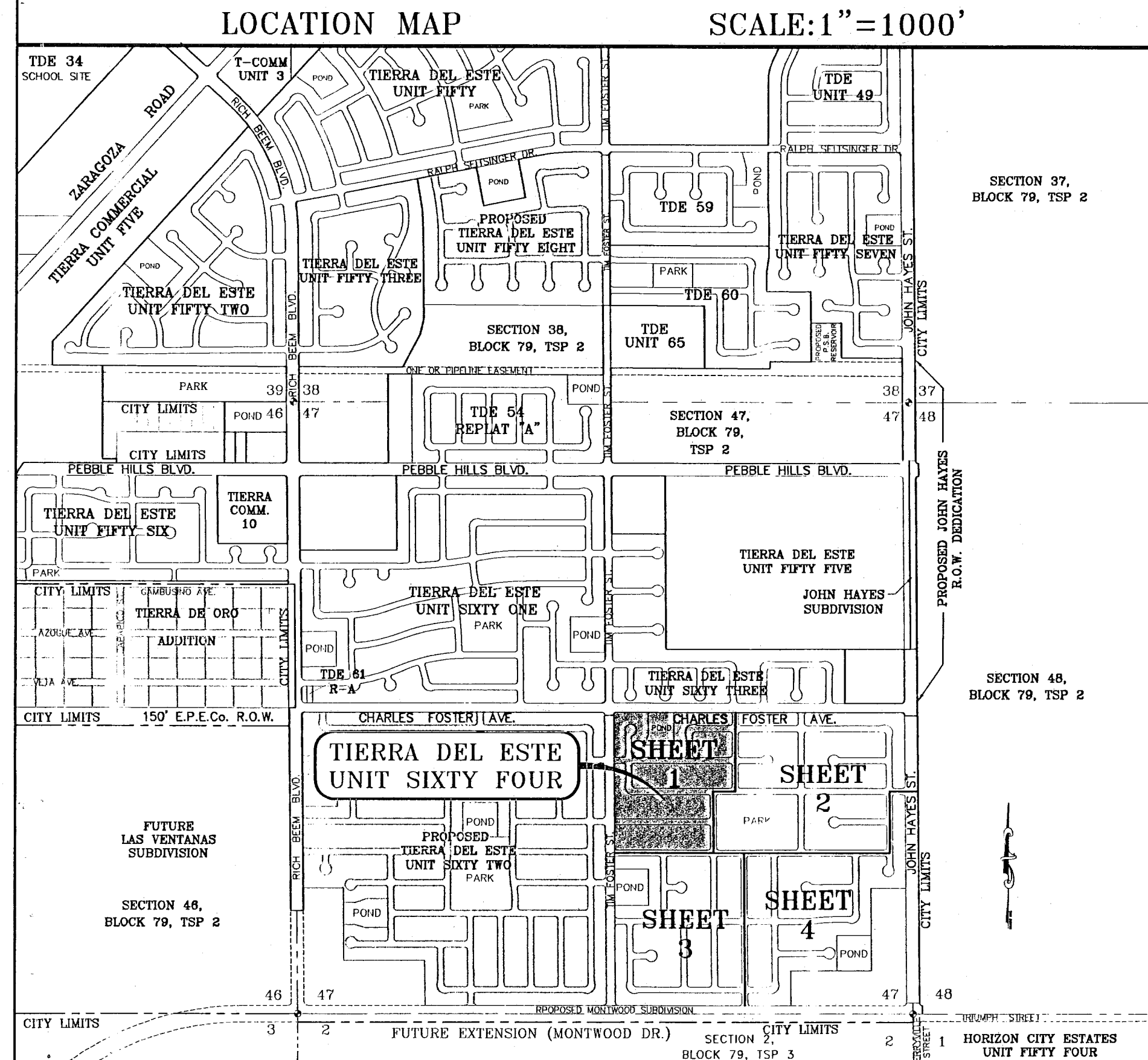
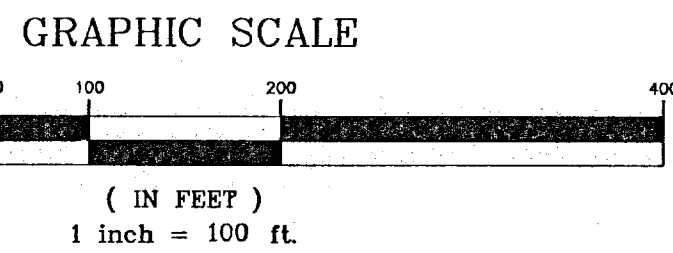
Tierra Del Este Unit Sixty Four Notes:

Tierra Del Este Subdivision Unit Sixty Four is subject to the Annexation Agreement entered into by Rancho Real IV LTD with the City of El Paso on January 31, 2008. 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, 2008, 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 1/2"	1,396	809
2"	2,530	1,640
3"	4,528	2,624
4"	9,056	5,248
6"	14,150	8,200
8"	28,300	16,400
10"	52,827	30,613
12"	75,467	43,733

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	39.49	25.22	35.51	S44°43'18"W	90°30'31"
C2	750.00	38.22	19.11	38.22	N06°05'49"W	2°55'11"
C3	750.00	60.60	30.32	60.58	N02°20'20"W	4°37'46"
C4	25.00	38.00	23.76	34.44	N46°28'52"W	87°05'10"
C5	724.00	38.82	18.41	38.82	N01°28'52"W	2°54'50"
C6	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C7	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C8	30.00	47.12	30.00	42.43	S44°58'33"E	90°00'00"
C9	40.00	17.19	8.73	17.06	S77°42'51"E	24°37'12"
C10	70.00	37.99	19.48	37.53	N80°57'10"W	31°05'50"
C11	70.00	41.75	21.52	41.13	S66°24'43"W	34°10'25"
C12	70.00	41.75	21.52	41.13	S32°14'18"W	34°10'25"
C13	70.00	50.03	26.14	48.97	S05°19'23"E	40°56'57"
C14	40.00	1.17	0.59	1.17	N24°57'30"W	1°40'44"
C15	40.00	16.82	8.54	16.70	N12°04'17"W	24°05'41"
C16	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C17	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C18	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C19	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C20	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C21	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C22	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C23	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C24	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C25	25.00	39.05	24.78	35.20	S45°16'42"E	89°29'29"
C26	25.00	39.49	25.22	35.51	S44°43'18"W	90°30'31"
C27	25.00	39.05	24.78	35.20	S45°16'42"E	89°29'29"
C28	40.00	5.86	2.94	5.86	S85°46'32"W	8°24'02"
C29	40.00	6.24	3.13	6.24	S77°06'18"W	8°58'28"
C30	70.00	41.45	21.35	40.85	N89°35'57"E	33°55'46"
C31	70.00	40.91	21.06	40.33	S56°41'35"E	33°29'10"
C32	70.00	40.91	21.06	40.33	S23°12'25"E	33°29'10"
C33	70.00	33.24	16.94	32.93	S07°08'30"W	27°12'40"
C34	40.00	14.86	7.51	14.77	N10°05'26"E	21°15'49"
C35	30.00	46.86	29.73	42.24	S45°16'42"E	89°29'29"
C36	20.00	31.59	20.18	28.41	S44°43'18"W	90°30'31"
C37	20.00	31.24	19.82	28.16	N45°16'42"W	89°29'29"
C38	25.00	39.49	25.22	35.51	S44°43'18"W	90°30'31"
C39	25.00	39.05	24.78	35.20	S45°16'42"E	89°29'29"
C40	31.59	40.02	21.15	38.96	N44°43'18"E	90°30'31"
C41	20.00	31.24	19.82	28.16	S45°16'42"E	89°29'29"
C42	20.00	23.80	13.54	22.42	S33°33'56"W	68°11'47"
C43	50.00	62.49	36.07	58.50	N31°51'38"E	71°36'22"
C44	50.00	37.26	19.54	36.40	N25°17'17"W	42°41'28"
C45	50.00	38.18	20.07	37.26	N68°30'31"E	43°45'00"
C46	50.00	39.71	20.97	38.68	S66°51'42"W	45°30'33"
C47	50.00	40.02	21.15	38.96	S21°10'43"W	45°51'26"
C48	50.00	15.92	8.03	15.86	S10°52'22"E	18°14'44"
C49	20.00	6.79	3.43	6.76	N10°15'51"W	19°27'47"
C50	25.00	17.57	9.17	17.21	S19°36'10"W	40°16'15"
C51	25.00	21.92	11.72	21.22	S84°51'25"W	50°14'18"

LINE	LENGTH	BEARING
L1	63.00	N00°31'57"W
L2	38.00	N89°58'33"E
L3	38.00	N89°58'33"E
L4	38.00	N89°58'33"E
L5	20.00	S00°01'27"E
L6	20.00	N00°31'57"W
L7	50.78	N00°31'57"W
L8	51.22	N00°31'57"W
L9	50.78	N00°31'57"W
L10	51.22	N00°31'57"W
L11	50.78	N00°31'57"W
L12	49.46	N89°58'33"E
L13	38.00	S89°41'23"E
L14	20.00	S89°28'03"E



NOTES:
 WATER AND SEWER SERVICES WILL BE EXTENDED TO THIS SUBDIVISION (TIERRA DEL ESTE UNIT SIXTY FOUR) FROM EXISTING EL PASO WATER UTILITIES/PUBLIC SERVICE BOARD FACILITIES AND WILL BE CONSTRUCTED AND OPERABLE AS OF JUNE 2010.
 THE INSTRUMENT ASSURING THE CERTIFICATION THAT WATER AND SEWER SERVICES FACILITIES DESCRIBED BY THIS PLAN 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. _____ DATE _____
 VEHICULAR ACCESS TO THOSE RESIDENTIAL LOTS ABUTTING TIM FOSTER ST., CHARLES FOSTER AVE., JOHN HAYES STREET, AND FUTURE MONTWOOD DR. 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. _____ DATE _____
 RESTRICTIVE COVENANTS FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION.
 INSTRUMENT NO. _____ DATE _____
 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 48021201258, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD UNSHADED ZONE X OUTSIDE THE 500 YEAR FLOOD-PLAIN.
 BEARING BASIS IS TRUE NORTH FOR A TRANSVERSE MERCATOR SURFACE PROJECTION AS DETERMINED BY GPS METHODS BASED AT A SET 1/2" REBAR WITH CAP "5152" WITH COORDINATES:
 LATITUDE: 31°47'01.296"N
 LONGITUDE: 106°14'58.705"W
 HEIGHT: 3928.224ft

DEDICATION
 RANCHO REAL XIV, L.L.C., property owner of this land hereby present this plot and dedicate to the use of the public, the streets, drives, ponds, park, drainage R.O.W., pedestrian R.O.W., drainage easements, and utility easements as hereon laid down and designated, including easements for overhead services for pole line 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 my signature this _____ day of _____, 2011.
 By: RANCHO REAL XIV, L.L.C.
 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 RANCHO 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 _____ day of _____, 2011.
 Notary Public in and for El Paso County My Commission Expires _____

CITY PLAN COMMISSION
 This subdivision is hereby approved as to the plotting and as to the condition of the dedication in accordance with Chapter 212 of the Local Government Code of Texas this _____ day of _____, 2010.
 Secretary _____ Chairperson _____
 Approved for filing this _____ day of _____, 2011.
 City Engineer _____

FILING
 Filed and recorded in the office of the County Clerk of El Paso County, Texas, this _____ day of _____, 2011, A.D. in File No. _____
 County Clerk _____ By Deputy _____
 Prepared by and under the supervision of:
 Yvonne Conde Curry, P.E. Registered Professional Engineer Registration No. 64648
 This plot 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.
 Yvonne Conde Curry, P.E. Registered Professional Land Surveyor Texas License No. 5152

DATE OF PREPARATION: SEPTEMBER 05, 2010

 CONDE INC.
 ENGINEERING / PLANNING
 GPS / SURVEYING / CAD
 6080 SURETY DR. STE 100
 EL PASO, TEXAS 79905
 PHONE (915) 592-0293
 FAX (915) 592-0296

TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 139.768 ACRES

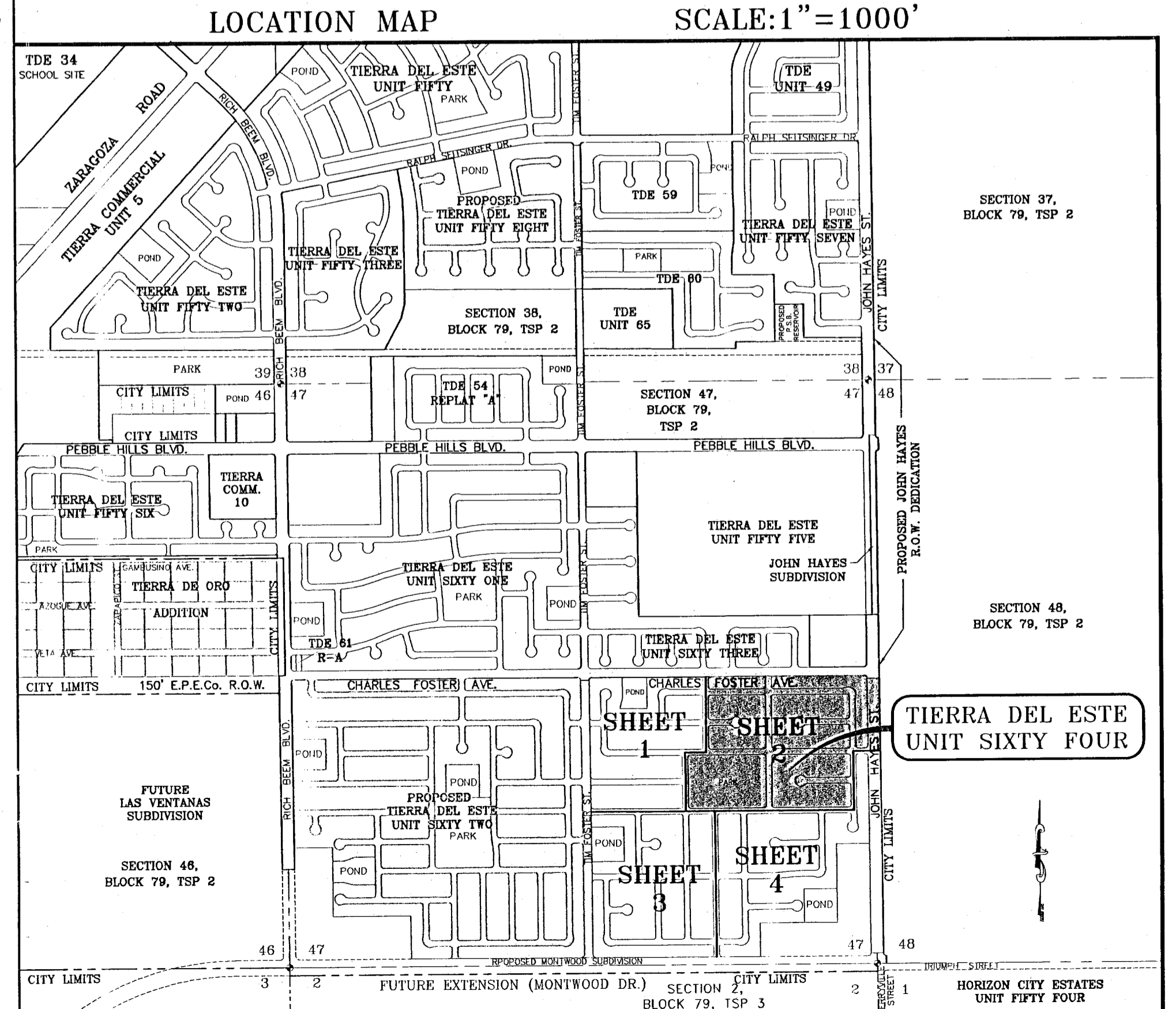
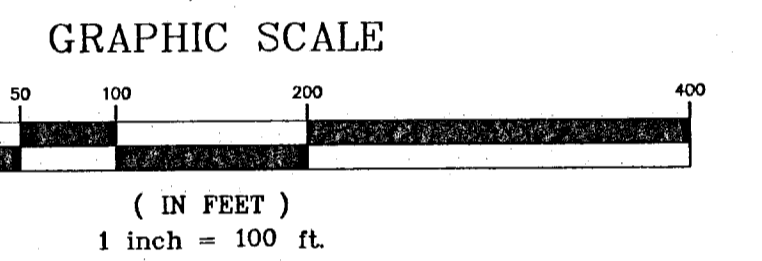
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	39.03	24.76	35.18	N45°18'10"W	89°26'35"
C2	75.00	60.60	30.32	60.58	N02°20'20"W	43°7'46"
C3	75.00	38.22	19.11	38.22	N06°58'49"W	2°51'11"
C4	25.00	40.38	28.13	36.13	S42°42'16"W	92°32'33"
C5	776.00	34.44	17.22	34.43	N01°17'44"W	2°32'33"
C6	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C7	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C8	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C9	20.00	17.08	9.10	16.58	N65°31'01"E	48°55'04"
C10	50.00	17.37	8.77	17.28	S51°30'38"W	19°54'19"
C11	50.00	46.87	25.32	45.17	S87°49'04"W	53°42'32"
C12	50.00	37.99	19.97	37.08	N43°33'35"W	43°32'09"
C13	50.00	37.99	19.97	37.08	N00°01'27"W	43°32'09"
C14	50.00	37.99	19.97	37.08	N43°30'42"E	43°32'09"
C15	50.00	46.87	25.32	45.17	S87°51'58"E	53°42'32"
C16	50.00	17.37	8.77	17.28	S51°30'38"W	19°54'19"
C17	20.00	17.08	9.10	16.58	N65°33'55"W	48°55'04"
C18	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C19	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C20	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C21	20.00	31.22	19.81	28.15	S45°18'10"W	89°26'35"
C22	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C23	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C24	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C25	20.00	31.22	19.81	28.15	N45°18'10"E	89°26'35"
C26	20.00	10.75	5.51	10.62	S74°36'01"W	30°47'04"
C27	20.00	8.15	4.13	8.10	S47°30'37"W	23°21'43"
C28	50.00	52.42	28.91	50.06	N65°51'58"E	60°04'25"
C29	50.00	33.83	17.59	33.19	S84°24'41"E	38°46'17"
C30	50.00	31.81	16.47	31.28	S72°05'36"E	36°27'22"
C31	50.00	10.07	5.05	10.05	S03°08'03"E	11°52'13"
C32	50.00	36.15	18.91	35.37	S23°22'47"W	41°25'27"
C33	50.00	33.83	17.59	33.19	S63°28'39"W	38°46'17"
C34	50.00	43.94	23.50	42.54	N71°57'50"W	50°20'45"
C35	20.00	12.13	6.28	11.95	S84°10'10"E	34°45'26"
C36	20.00	2.96	1.48	2.96	S84°57'01"E	8°23'33"
C37	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C38	20.00	31.22	19.81	28.15	S45°18'10"E	89°26'35"
C39	25.00	39.51	25.24	35.53	N44°41'50"E	90°33'25"
C40	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C41	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C42	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C43	20.00	31.42	20.00	28.28	N45°01'27"E	90°00'00"
C44	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C45	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C46	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C47	20.00	3.79	1.90	3.78	S84°33'09"W	10°50'48"
C48	20.00	13.29	6.90	13.05	S62°05'37"W	38°04'16"
C49	50.00	44.62	23.92	43.15	S68°31'19"E	51°07'39"
C50	50.00	34.48	17.96	33.80	S80°32'16"E	39°03'52"
C51	50.00	34.48	17.96	33.80	S23°24'32"E	39°03'52"
C52	50.00	10.07	5.05	10.05	S03°01'02"E	11°52'13"
C53	50.00	34.86	18.17	34.15	S22°43'20"W	39°56'31"
C54	50.00	35.06	18.28	34.34	S82°46'42"W	40°10'12"
C55	50.00	48.90	26.60	46.37	N69°07'18"W	56°01'49"
C56	20.00	12.27	6.33	12.07	S84°03'35"E	33°08'16"
C57	20.00	4.81	2.42	4.80	S83°08'04"E	13°48'45"
C58	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C59	30.00	46.83	29.71	42.22	N45°18'10"W	89°26'35"
C60	40.00	9.50	4.77	9.48	S08°13'20"W	13°36'23"
C61	40.00	5.36	2.68	5.35	S16°51'43"W	7°40'25"
C62	70.00	41.54	21.40	40.84	N03°41'47"E	34°00'18"
C63	70.00	38.88	19.66	38.39	N13°14'47"E	31°49'40"
C64	70.00	38.88	19.66	38.39	N61°02'51"W	31°49'40"
C65	70.00	41.96	21.63	41.33	S85°52'02"W	34°20'34"
C66	40.00	4.81	2.41	4.81	N72°08'27"E	6°53'24"
C67	40.00	10.05	5.05	10.02	N82°46'51"E	14°23'24"
C68	25.00	18.83	9.89	18.39	N22°09'21"W	43°09'59"
C69	25.00	20.20	10.69	19.65	N66°52'39"W	48°17'36"
C70	25.00	39.27	25.00	35.36	S45°01'27"E	90°00'00"
C71	20.00	31.42	20.00	28.28	S45°01'27"E	90°00'00"
C72	20.00	31.42	20.00	28.28	S44°58'33"W	90°00'00"
C73	20.00	31.42	20.00	28.28	N45°01'27"W	90°00'00"
C74	20.00	31.42	20.00	28.28	N44°58'33"E	90°00'00"
C75	25.00	39.27	25.00	35.36	N45°01'27"W	90°00'00"

Tierra Del Este Unit Sixty Four Notes.
 Tierra Del Este Subdivision Unit Sixty Four is subject to the Annexation Agreement entered into by Ranchos Real IV LID with the City of El Paso on January 31, 2008. 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, 2008, 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	829
1 1/2"	2,830	1,640
2"	4,528	2,624
3"	9,056	5,248
4"	14,160	8,200
6"	28,300	16,400
8"	52,627	30,613
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.

LINE	LENGTH	BEARING
L1	110.01	S89°46'16"E
L2	83.00	N00°34'52"W
L3	38.00	N00°01'27"W
L4	52.66	N89°58'33"E
L5	51.00	N89°58'33"E
L6	51.00	N89°58'33"E
L7	55.01	S89°46'16"E
L8	55.01	S89°46'16"E
L9	5.00	N00°01'27"W
L10	10.08	S60°13'51"W
L11	7.81	S50°13'07"E
L12	7.81	N50°10'13"E
L13	10.08	N60°16'45"W
L14	50.00	N89°58'33"E



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 IV, 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 _____ day of _____, 2011.

DATE OF PREPARATION: SEPTEMBER 05, 2010

CONDE INC.
 ENGINEERING / PLANNING
 GIS / SURVEYING / CAD
 6090 SURETY DR. STE 100
 EL PASO, TEXAS 79905
 PHONE: (915) 582-0288
 FAX: (915) 582-0286

TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 139.768 ACRES

Tierra Del Este Unit Sixty Four Notes:

Tierra Del Este Subdivision Unit Sixty Four 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.

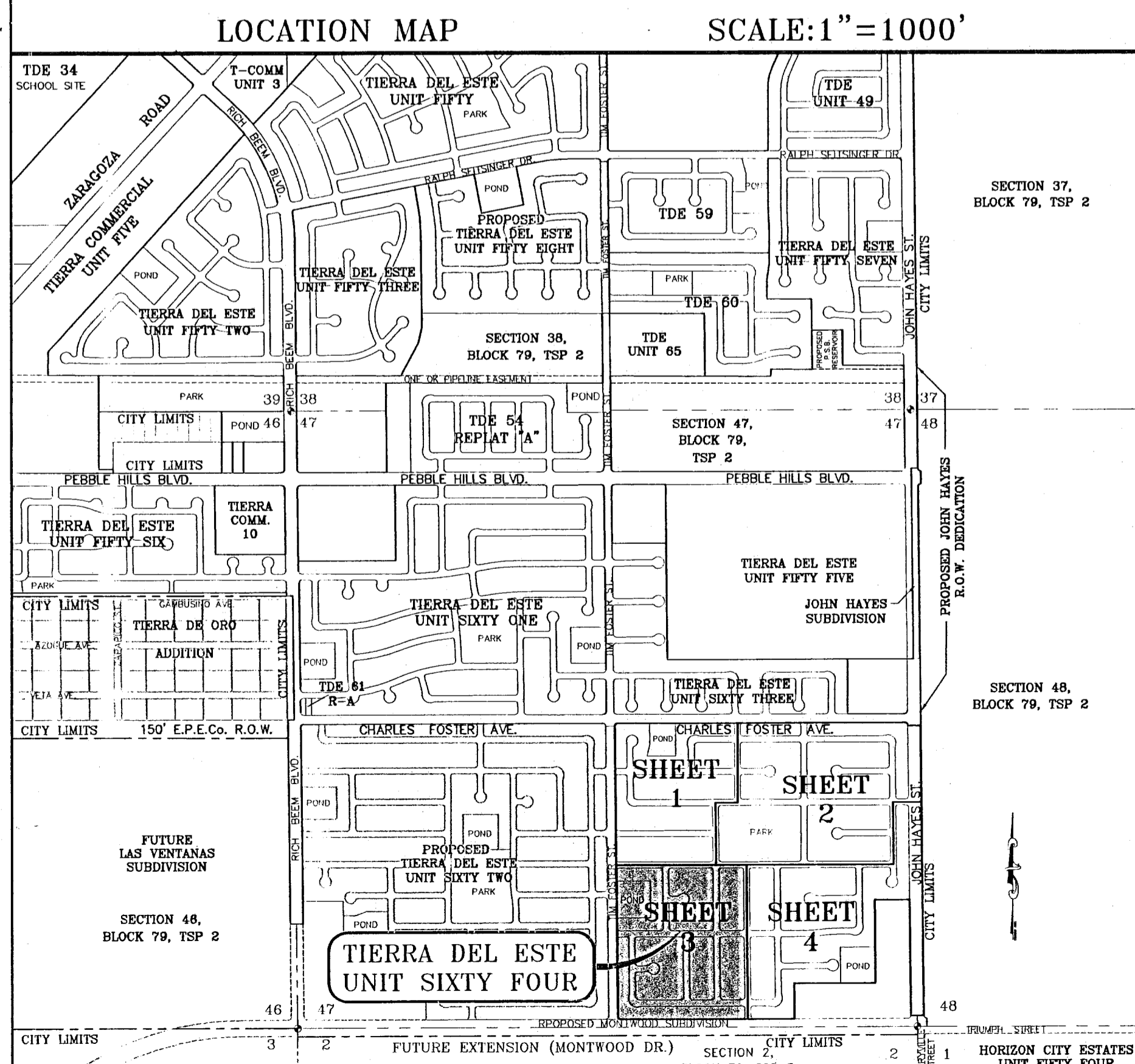
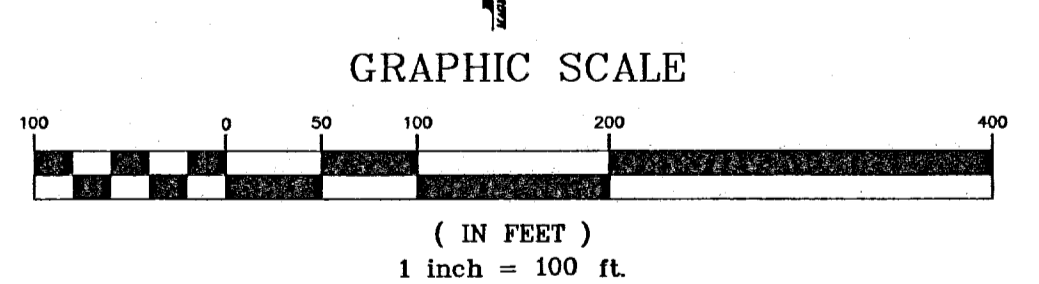
Water Meter Size	Water (1)	Wastewater (1)
5/8" x 3/4"	566	328
1"	1,396	809
1 1/2"	2,830	1,640
2"	4,528	2,624
3"	9,056	5,248
4"	14,150	8,200
6"	28,300	16,400
8"	52,827	30,613
10"	75,467	43,733

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	39.04	24.77	35.19	S45°16'13"E	89°28'30"
C2	25.00	39.52	25.25	35.53	N44°42'20"E	90°34'24"
C3	20.00	31.22	19.80	28.14	N44°17'40"W	89°25'36"
C4	20.00	31.62	20.20	28.43	N44°42'20"E	90°34'24"
C5	20.00	31.22	19.80	28.14	S45°17'40"W	89°25'36"
C6	20.00	31.62	20.20	28.43	N44°42'20"E	90°34'24"
C7	20.00	31.22	19.80	28.14	S45°17'40"W	89°25'36"
C8	20.00	31.62	20.20	28.43	N44°42'20"E	90°34'24"
C9	40.00	14.86	7.51	14.77	S79°21'08"W	2°18'48"
C10	70.00	25.30	12.79	25.16	N79°21'08"E	2°04'32"
C11	70.00	37.03	18.96	36.60	S75°25'33"E	3°01'22"
C12	70.00	36.54	18.70	36.13	S45°19'05"E	2°54'35"
C13	70.00	36.98	18.93	36.56	S15°13'38"E	3°01'19"
C14	70.00	25.46	12.87	25.32	S10°19'41"W	2°05°19"
C15	40.00	14.86	7.51	14.77	N10°08'26"E	2°18'48"
C16	30.00	46.85	29.73	42.23	S45°16'13"E	89°28'30"
C17	20.00	31.42	20.00	28.28	S44°28'03"W	90°30°00"
C18	20.00	31.42	20.00	28.28	N66°04'28"W	48°55°04"
C19	50.00	39.92	21.09	38.87	S64°29'22"E	45°44'57"
C20	50.00	33.02	17.14	32.42	N73°43°06"E	37°50°07"
C21	50.00	32.09	16.62	31.55	N36°24'42"E	36°48'41"
C22	50.00	32.09	16.62	31.55	N00°22'00"W	36°48'41"
C23	50.00	32.09	16.62	31.55	N37°08'41"E	36°48'41"
C24	50.00	32.87	17.05	32.28	N72°42'04"W	37°40°07"
C25	50.00	40.36	21.35	39.27	S63°40'28"W	48°14'53"
C26	20.00	31.42	20.00	28.28	N65°00'31"E	48°55°04"
C27	20.00	31.42	20.00	28.28	S45°31'57"E	90°00°00"
C28	20.00	31.59	20.18	28.41	S44°43'18"W	90°30°31"
C29	20.00	31.24	19.82	28.15	N45°18'10"W	89°28'35"
C30	25.00	39.49	25.22	35.51	S44°43'18"W	90°30°31"
C31	25.00	39.05	24.78	35.20	S45°16'42"E	89°29'29"
C32	20.00	31.59	20.18	28.41	N44°43'18"E	90°30°31"
C33	20.00	31.24	19.82	28.15	S45°16'42"E	89°29'29"
C34	20.00	31.22	19.81	28.15	N45°18'10"W	89°28'35"
C35	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C36	20.00	31.22	19.81	28.15	N45°18'10"W	89°28'35"
C37	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C38	20.00	31.22	19.81	28.15	S45°18'10"W	89°28'35"
C39	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C40	20.00	31.22	19.81	28.15	N45°18'10"W	89°28'35"
C41	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C42	20.00	31.22	19.81	28.15	N45°18'10"W	89°28'35"
C43	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C44	20.00	31.22	19.81	28.15	N45°18'10"W	89°28'35"
C45	20.00	31.59	20.18	28.41	S44°43'18"W	90°30°31"
C46	20.00	31.42	20.00	28.28	S45°31'57"E	90°00°00"
C47	20.00	31.59	20.18	28.41	N65°00'31"E	48°55°04"
C48	50.00	25.42	12.99	25.15	S55°08'50"W	29°07'43"
C49	50.00	41.46	22.00	40.28	N89°34°08"W	47°32'22"
C50	50.00	35.65	18.62	34.90	N42°23'22"W	40°51'08"
C51	50.00	35.65	18.62	34.90	N01°32'13"W	40°51'09"
C52	50.00	36.17	18.92	35.38	N39°36'42"E	41°26'40"
C53	50.00	40.80	21.61	39.68	N83°42'39"E	46°45'14"
C54	50.00	27.31	14.01	26.97	S57°15'49"E	31°17'50"
C55	20.00	31.61	20.20	28.42	N65°04'28"W	48°55°04"
C56	20.00	31.42	20.00	28.28	S44°28'03"W	90°30°00"
C57	20.00	31.24	19.82	28.15	N45°16'42"W	89°29'29"
C58	25.00	39.49	25.22	35.51	S44°43'18"W	90°30°31"



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 480210175B, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD ZONE X OUTSIDE THE 500 YEAR FLOOD-PLAIN.

LINE TABLE		
LINE	LENGTH	BEARING
L1	38.00	N89°58'33"E
L2	38.00	N89°58'33"E
L3	51.22	N00°31'57"W
L4	50.78	N00°31'57"W
L5	51.22	N00°31'57"W
L6	51.25	S89°59'32"W



DATE OF PREPARATION: SEPTEMBER 05, 2010

CONDE INC.
 ENGINEERING / PLANNING
 GIS / SURVEYING / CAD
 6000 SURETY DR. STE 100
 EL PASO, TEXAS 79905
 PHONE: (915) 592-0033
 FAX: (915) 592-0038

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 IV, 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 _____ day of _____, 2011.

Notary Public in and for El Paso County My Commission Expires _____

TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 139.768 ACRES

TIERRA DEL ESTE UNIT SIXTY FOUR NOTES:

Tierra Del Este Subdivision Unit Sixty Four is subject to the Annexation Agreement entered into by Rancho Real IV LID 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 (1)	Wastewater (1)
5/8" x 3/4"	566	328
1"	1,396	809
1 1/2"	2,830	1,649
2"	4,528	2,624
3"	8,056	4,748
4"	14,150	8,200
6"	28,300	16,400
8"	52,827	30,613
10"	75,487	43,733

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	1000.00	133.96	87.08	133.86	S86°09'15"W	7°40'31"
C2	1000.00	133.67	86.94	133.58	N86°08'47"E	7°39'32"
C3	25.00	39.02	24.75	35.18	S45°17'40"E	89°25'36"
C4	20.00	31.62	20.20	28.43	S44°42'20"W	90°34'24"
C5	20.00	31.22	19.80	28.14	S45°17'40"E	89°25'36"
C6	30.00	47.42	30.30	42.64	N44°42'20"E	90°34'24"
C7	40.00	63.74	41.00	57.22	N79°22'04"W	21°16'48"
C8	70.00	21.70	10.94	21.62	S77°38'44"E	12°45'49"
C9	70.00	35.78	18.29	35.39	N78°51'53"E	29°17'16"
C10	70.00	34.73	17.73	34.38	N50°00'20"E	28°25'50"
C11	70.00	34.73	17.73	34.38	N21°34'30"E	28°25'50"
C12	70.00	35.70	18.25	35.31	N07°15'02"W	29°13'15"
C13	40.00	8.29	4.16	8.27	S15°55'39"E	11°52'03"
C14	40.00	6.57	3.29	6.56	S09°21'11"W	9°24'45"
C15	20.00	31.42	20.00	28.28	S44°25'08"W	90°00'00"
C16	20.00	17.08	9.10	16.56	N64°57'36"E	48°55'04"
C17	50.00	9.89	4.96	9.87	S47°19'39"E	11°19'41"
C18	50.00	48.04	26.05	46.21	S80°30'55"E	55°02'50"
C19	50.00	55.78	31.19	52.93	N40°00'13"E	63°54'56"
C20	50.00	42.83	21.42	40.96	N32°32'20"W	81°10'10"
C21	50.00	48.04	26.05	46.21	N32°32'20"W	81°10'10"
C22	50.00	9.89	4.96	9.87	S48°09'55"W	11°19'41"
C23	20.00	17.08	9.10	16.56	N64°57'36"E	48°55'04"
C24	20.00	31.42	20.00	28.28	S45°34'52"E	90°00'00"
C25	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C26	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C27	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C28	20.00	31.22	19.81	28.15	S45°18'10"W	89°26'35"
C29	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C30	20.00	31.22	19.81	28.15	S45°18'10"W	89°26'35"
C31	974.00	28.34	14.17	28.34	N89°08'32"E	1°40'01"
C32	974.00	45.27	22.64	45.26	N86°58'39"E	2°39'46"
C33	974.00	45.43	22.72	45.42	N84°18'36"E	2°40'20"
C34	974.00	11.17	5.58	11.17	N82°38'43"E	0°39'25"
C35	1026.00	34.36	17.18	34.36	S83°16'34"W	1°55'07"
C36	1026.00	45.34	22.67	45.34	S85°30'06"W	2°31'55"
C37	1026.00	45.23	22.62	45.23	S88°01'50"W	2°31'33"
C38	1026.00	12.51	6.26	12.51	S89°38'34"W	0°41'56"
C39	1026.00	21.37	10.68	21.36	N89°22'45"E	1°11'35"
C40	1026.00	43.92	21.96	43.92	N87°33'23"E	2°27'09"
C41	1026.00	44.27	22.14	44.26	N85°05'39"E	2°26'19"
C42	1026.00	27.60	13.80	27.60	N83°05'15"E	1°32'28"
C43	974.00	18.44	9.22	18.44	S82°51'34"W	1°05'06"
C44	974.00	48.90	24.45	48.89	S84°50'24"W	2°52'35"
C45	974.00	48.90	24.45	48.89	S87°42'58"W	2°52'35"
C46	974.00	14.24	7.12	14.24	S89°34'24"W	0°50'17"
C47	40.00	17.19	8.73	17.06	N77°41'52"W	24°37'12"
C48	70.00	15.67	7.87	15.64	S71°48'06"E	12°49'40"
C49	70.00	39.39	20.23	38.87	N85°39'49"E	3°21'42"
C50	70.00	35.81	18.31	35.42	N54°53'17"E	29°18'36"
C51	70.00	35.81	18.31	35.42	N25°34'40"E	29°18'36"
C52	70.00	35.24	18.00	34.87	N03°29'59"W	28°50'44"
C53	40.00	9.75	4.90	9.72	S10°56'34"E	1°35'25"
C54	40.00	2.36	1.18	2.36	S02°18'19"E	3°22'55"
C55	30.00	47.42	30.30	42.64	N44°42'20"E	90°34'24"
C56	20.00	31.42	20.00	28.28	N45°34'52"E	90°00'00"
C57	20.00	17.08	9.10	16.56	S64°57'36"E	48°55'04"
C58	50.00	16.51	8.33	16.43	N49°27'36"E	1°18'50"
C59	50.00	40.66	21.33	39.55	N82°43'01"E	4°35'46"
C60	50.00	32.03	16.59	31.48	S55°38'34"E	3°42'07"
C61	50.00	32.03	16.59	31.48	S15°55'39"E	3°42'07"
C62	50.00	32.03	16.59	31.48	S17°48'12"W	3°42'07"
C63	50.00	30.79	15.90	30.31	S53°45'54"W	3°51'18"
C64	50.00	41.69	22.14	40.49	N73°10'03"W	4°47'46"
C65	50.00	6.65	3.33	6.64	N45°28'20"W	7°37'04"
C66	20.00	17.08	9.10	16.56	S66°07'20"E	48°55'04"
C67	20.00	31.42	20.00	28.28	S44°41'50"W	90°33'25"
C68	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C69	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C70	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"

LINE	LENGTH	BEARING
L1	14.00	N89°25'08"E
L2	15.57	S89°25'08"W
L3	93.01	N00°34'52"W
L4	55.01	S89°44'50"E
L5	55.01	S89°44'50"E
L6	50.75	S89°59'32"W

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	1000.00	133.96	87.08	133.86	S86°09'15"W	7°40'31"
C2	1000.00	133.67	86.94	133.58	N86°08'47"E	7°39'32"
C3	25.00	39.02	24.75	35.18	S45°17'40"E	89°25'36"
C4	20.00	31.62	20.20	28.43	S44°42'20"W	90°34'24"
C5	20.00	31.22	19.80	28.14	S45°17'40"E	89°25'36"
C6	30.00	47.42	30.30	42.64	N44°42'20"E	90°34'24"
C7	40.00	63.74	41.00	57.22	N79°22'04"W	21°16'48"
C8	70.00	21.70	10.94	21.62	S77°38'44"E	12°45'49"
C9	70.00	35.78	18.29	35.39	N78°51'53"E	29°17'16"
C10	70.00	34.73	17.73	34.38	N50°00'20"E	28°25'50"
C11	70.00	34.73	17.73	34.38	N21°34'30"E	28°25'50"
C12	70.00	35.70	18.25	35.31	N07°15'02"W	29°13'15"
C13	40.00	8.29	4.16	8.27	S15°55'39"E	11°52'03"
C14	40.00	6.57	3.29	6.56	S09°21'11"W	9°24'45"
C15	20.00	31.42	20.00	28.28	S44°25'08"W	90°00'00"
C16	20.00	17.08	9.10	16.56	N64°57'36"E	48°55'04"
C17	50.00	9.89	4.96	9.87	S47°19'39"E	11°19'41"
C18	50.00	48.04	26.05	46.21	S80°30'55"E	55°02'50"
C19	50.00	55.78	31.19	52.93	N40°00'13"E	63°54'56"
C20	50.00	42.83	21.42	40.96	N32°32'20"W	81°10'10"
C21	50.00	48.04	26.05	46.21	N32°32'20"W	81°10'10"
C22	50.00	9.89	4.96	9.87	S48°09'55"W	11°19'41"
C23	20.00	17.08	9.10	16.56	N64°57'36"E	48°55'04"
C24	20.00	31.42	20.00	28.28	S45°34'52"E	90°00'00"
C25	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C26	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C27	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C28	20.00	31.22	19.81	28.15	S45°18'10"W	89°26'35"
C29	20.00	31.61	20.20	28.42	N44°41'50"E	90°33'25"
C30	20.00	31.22	19.81	28.15	S45°18'10"W	89°26'35"
C31	974.00	28.34	14.17	28.34	N89°08'32"E	1°40'01"
C32	974.00	45.27	22.64	45.26	N86°58'39"E	2°39'46"
C33	974.00	45.43	22.72	45.42	N84°18'36"E	2°40'20"
C34	974.00	11.17	5.58	11.17	N82°38'43"E	0°39'25"
C35	1026.00	34.36	17.18	34.36	S83°16'34"W	1°55'07"
C36	1026.00	45.34	22.67	45.34	S85°30'06"W	2°31'55"
C37	1026.00	45.23	22.62	45.23	S88°01'50"W	2°31'33"
C38	1026.00	12.51	6.26	12.51	S89°38'34"W	0°41'56"
C39	1026.00	21.37	10.68	21.36	N89°22'45"E	1°11'35"
C40	1026.00	43.92	21.96	43.92	N87°33'23"E	2°27'09"
C41	1026.00	44.27	22.14	44.26	N85°05'39"E	2°26'19"
C42	1026.00	27.60	13.80	27.60	N83°05'15"E	1°32'28"
C43	974.00	18.44	9.22	18.44	S82°51'34"W	1°05'06"
C44	974.00	48.90	24.45	48.89	S84°50'24"W	2°52'35"
C45	974.00	48.90	24.45	48.89	S87°42'58"W	2°52'35"
C46	974.00	14.24	7.12	14.24	S89°34'24"W	0°50'17"
C47	40.00	17.19	8.73	17.06	N77°41'52"W	24°37'12"
C48	70.00	15.67	7.87	15.64	S71°48'06"E	12°49'40"
C49	70.00	39.39	20.23	38.87	N85°39'49"E	3°21'42"
C50	70.00	35.81	18.31	35.42	N54°53'17"E	29°18'36"
C51	70.00	35.81	18.31	35.42	N25°34'40"E	29°18'36"
C52	70.00	35.24	18.00	34.87	N03°29'59"W	28°50'44"
C53	40.00	9.75	4.90	9.72	S10°56'34"E	1°35'25"
C54	40.00	2.36	1.18	2.36	S02°18'19"E	3°22'55"
C55	30.00	47.42	30.30	42.64	N44°42'20"E	90°34'24"
C56	20.00	31.42	20.00	28.28	N45°34'52"E	90°00'00"
C57	20.00	17.08	9.10	16.56	S64°57'36"E	48°55'04"
C58	50.00	16.51	8.33	16.43	N49°27'36"E	1°18'50"
C59	50.00	40.66	21.33	39.55	N82°43'01"E	4°35'46"
C60	50.00	32.03	16.59	31.48	S55°38'34"E	3°42'07"
C61	50.00	32.03	16.59	31.48	S15°55'39"E	3°42'07"
C62	50.00	32.03	16.59	31.48	S17°48'12"W	3°42'07"
C63	50.00	30.79	15.90	30.31	S53°45'54"W	3°51'18"
C64	50.00	41.69	22.14	40.49	N73°10'03"W	4°47'46"
C65	50.00	6.65	3.33	6.64	N45°28'20"W	7°37'04"
C66	20.00	17.08	9.10	16.56	S66°07'20"E	48°55'04"
C67	20.00	31.42	20.00	28.28	S44°41'50"W	90°33'25"
C68	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"
C69	20.00	31.22	19.81	28.15	N45°18'10"W	89°26'35"
C70	20.00	31.61	20.20	28.42	S44°41'50"W	90°33'25"

LOCATION MAP SCALE: 1" = 1000'

FILE LOCATION S:_Subdivisions\TDE 64 REVISED.dwg\TDE 64 GDPL PLOTTED ON Tuesday, May 24, 2011 12:36:24 PM BY RUBEN RIVERA

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:

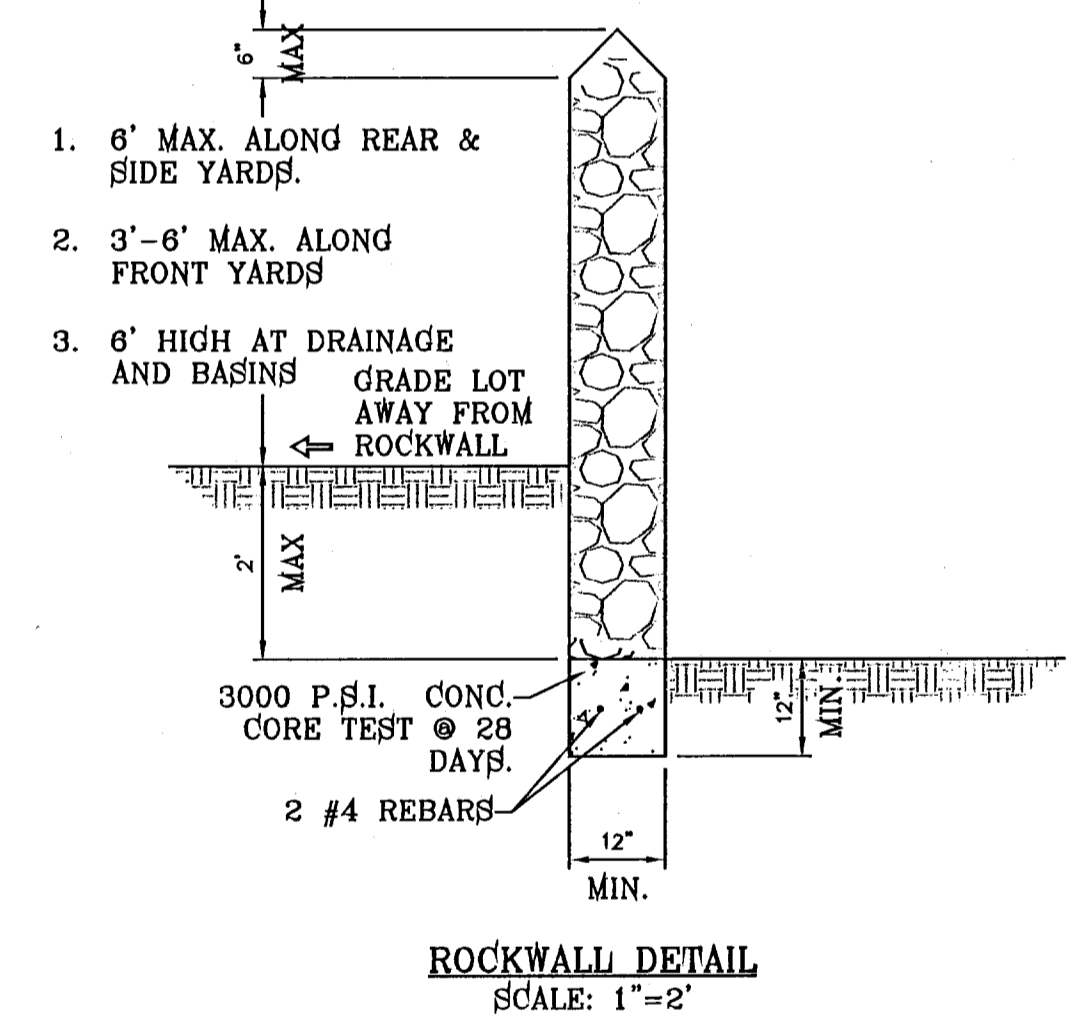
- ALL GRADING SHALL CONFORM TO THE CITY OF EL PASO GRADING ORDINANCE SECTION 18.44.
- THE CONTRACTOR SHALL CARRY ON HIS WORK WITH SPECIAL CARE AT ALL TIMES TO MAINTAIN THE NATURAL SURROUNDINGS AND EXISTING STRUCTURES IN AN UNDAMAGED CONDITION.
- NATURAL SUBGRADES TO SUPPORT STRUCTURAL FILL OR PAVEMENTS 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 96% 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 SWPPP PLANS SHEET 17-20.
- 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:

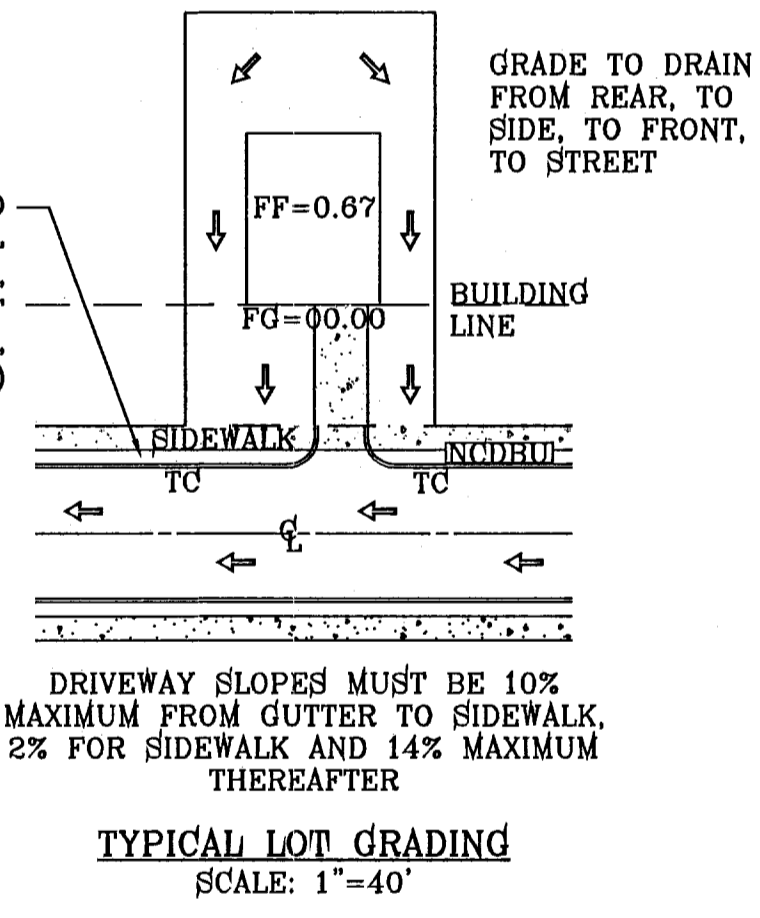
- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
- MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
- 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1657.
- REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A618 GRADE 60.
- RETAINING WALLS WILL 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.

NOTE:
HEREON DESCRIBED TRACT LIES IN UNSHADED ZONE X, COMMUNITY PANEL NO. 480212 0176B. DATED SEPTEMBER 4, 1991.

DETAIL No. SECTION DETAIL SHEET SECTION REFERENCE SHEET

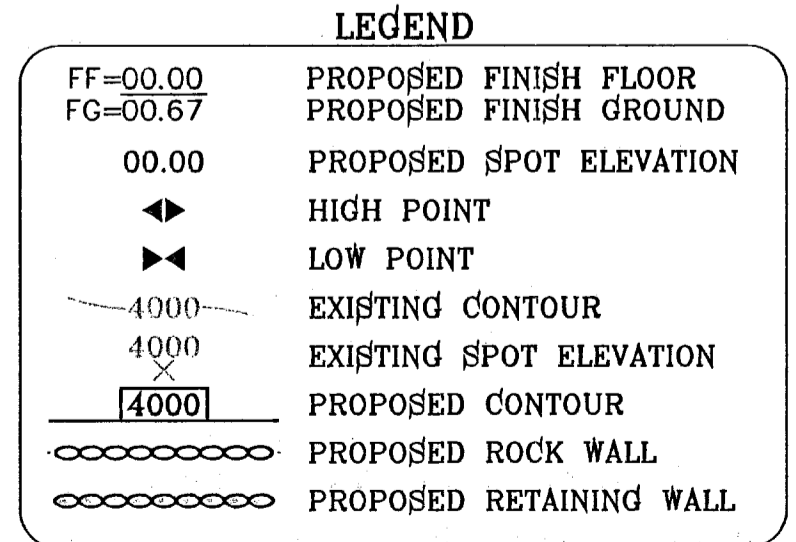


ALL UTILITIES SHALL BE PLACED IN PARKWAY. NO UTILITIES SHALL BE PLACED ON SIDEWALKS (I.E., NCDDB'S, FIRE HYDRANTS, LIGHT POLES, SIGNS, POWER POLES, etc....)



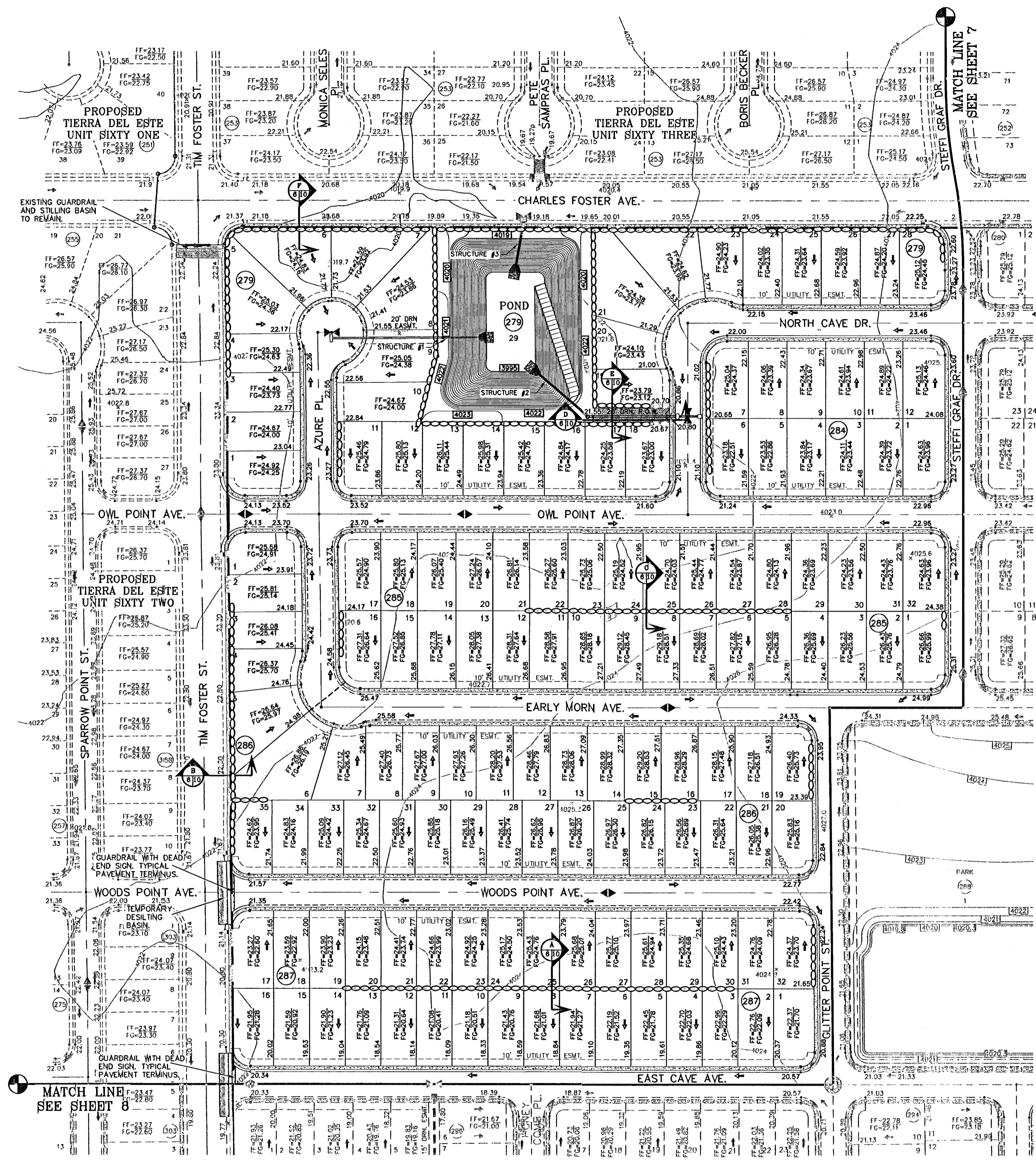
ROCKWALL NOTES:

- 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.



ALL WHEELCHAIR RAMPS & RETAINING WALLS 4' AND HIGHER SHALL BE CONSTRUCTED BY DEVELOPER

SEE SHEET 67-71 OF 82 FOR DRAINAGE STRUCTURES #1-#10.



SCALE: 1"=100'

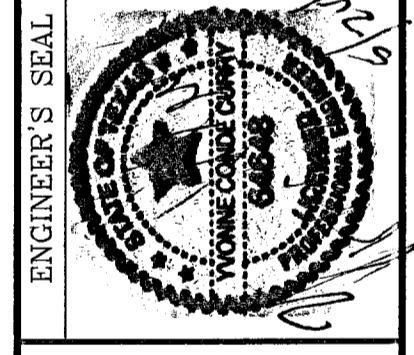
BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED X 1118" PID "C03141"
ELEVATION: 3987.12	
DATE	REVISIONS
11/22/10	WIDEN DRAINAGE ELEMENTS/R.O.W. AS PER PSB E.P.G.
11/22/10	CITY REDLINES AS PER 11/16/10 COMMENTS E.P.G.
4/25/11	CITY REDLINES AS PER 04/19/11 COMMENTS R.R.

TERRA DEL ESTE UNIT SIXTY FOUR

BRING A PORTION OF SECTIONS 47 AND 48, BLOCK 70, TOWNSHIP 2, TEXAS, AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 139.768 ACRES

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

DATE: SEPT 2010 DESIGN BY: Y.C. INITIATED BY: E.F.G. CHECKED BY: Y.C. JOB NO.: 610-41



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936

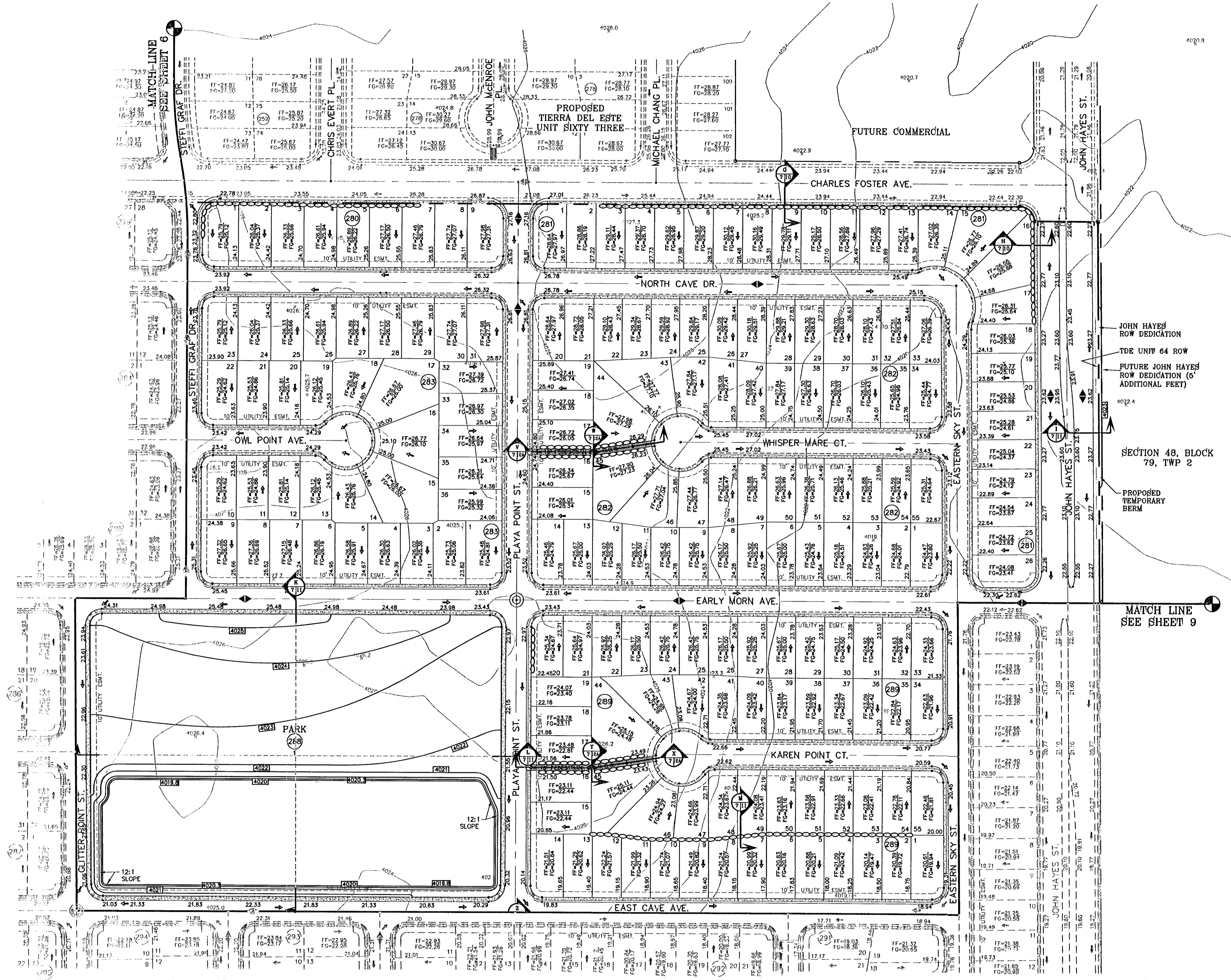


SHEET TITLE: **GRADING PLAN**

103176

SHT 6 OF 82

FILE LOCATION S:\Subdivisions\TDE 64 REVISED.dwg\TDE_64_CDDPL PLOTTED ON Tuesday, May 24, 2011 12:37:16 PM BY RUBEN RIVERA



SCALE: 1"=100'

DETAIL No. SECTION DETAIL SHEET
 SECTION REFERENCE SHEET

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 UNSHADED ZONE X, COMMUNITY PANEL NO. 480212 0176B, DATED SEPTEMBER 4, 1991.

ALL WHEELCHAIR RAMP BY DEVELOPER

SEE SHEET 67-71 OF 82 FOR DRAINAGE STRUCTURES #1-#10.

BENCHMARK
 NGS MARKER: COPPER-GLAD STEEL ROD
 DESIGNATED "X 1118" PID "CE0141"
 ELEVATION : 3987.12

DATE	REVISIONS	BY
11/22/10	EARLY MORN STREET OPENING/KAREN POINT STREET CLOSURE/MEDIAN REVISIONS AS PER DEVELOPER	E.F.G.
11/22/10	CITY REDLINES AS PER 11/15/10 COMMENTS	E.F.G.
4/25/11	CITY REDLINES AS PER 04/18/11 COMMENTS	R.R.

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 139.768 ACRES

SCALE
 HORIZ: 1"=100'
 VERT: ---
 DATE: SEPT. 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41



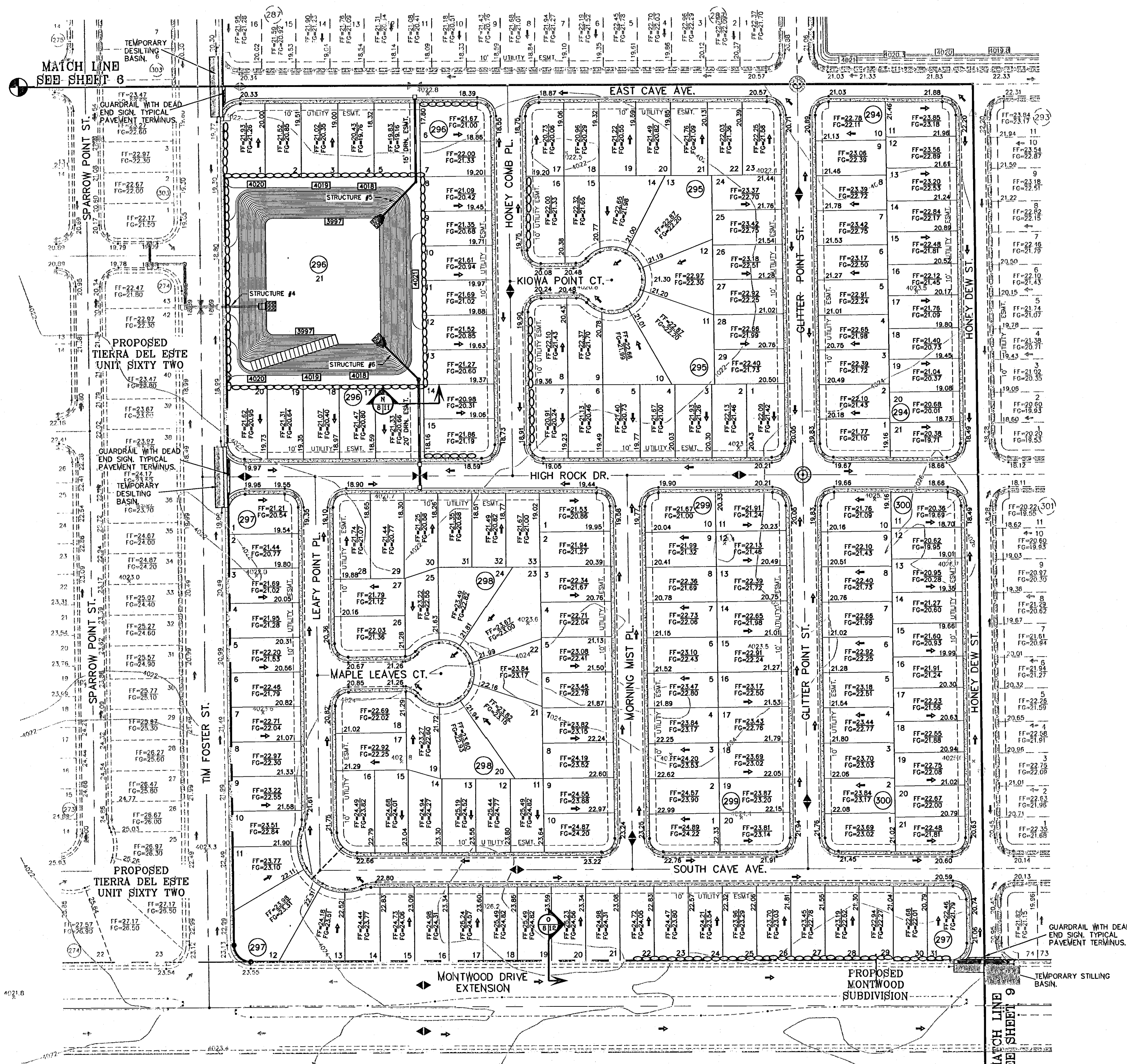
CONDE INC.
 ENGINEERING / PLANNING SURVEYING / GPS
 1790 LEE TREVINO STE. 400
 EL PASO, TEXAS 79956

SHEET TITLE
GRADING PLAN

SHT 7 OF 82

103176

TIERRA DEL ESTE UNIT SIXTY FOUR



DETAIL No.
 SECTION DETAIL SHEET
 SECTION REFERENCE SHEET

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 UNSHADED ZONE X, COMMUNITY PANEL NO. 480212 0175B. DATED SEPTEMBER 4, 1991.

SEE SHEET 67-71 OF 82 FOR DRAINAGE STRUCTURES #1-#10.

SCALE: 1"=100'
 BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED "X 1118" PID "060141"
 ELEVATION : 3987.12

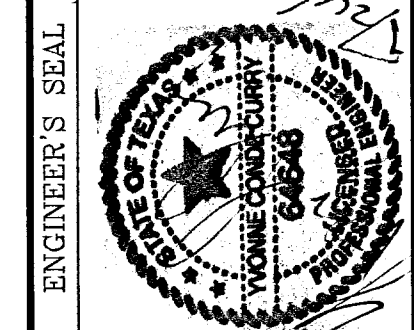
DATE	11/22/10	REVISIONS	BY
	04/25/11	WIDEN DRAINAGE EASMENTS/FLOW AS PER P&E F.G.	
		CITY REDLINES AS PER 04/18/11 COMMENTS	

PROJECT NAME
Tierra Del Este Unit Sixty Four

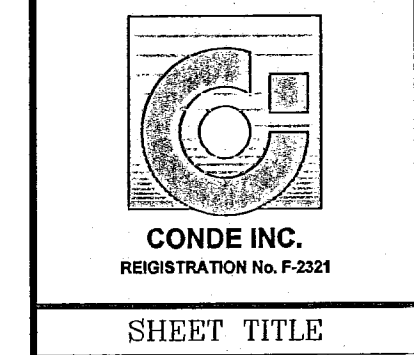
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 22, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF DALLAS, TEXAS, CONTAINING 139.768 ACRES.

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

DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41



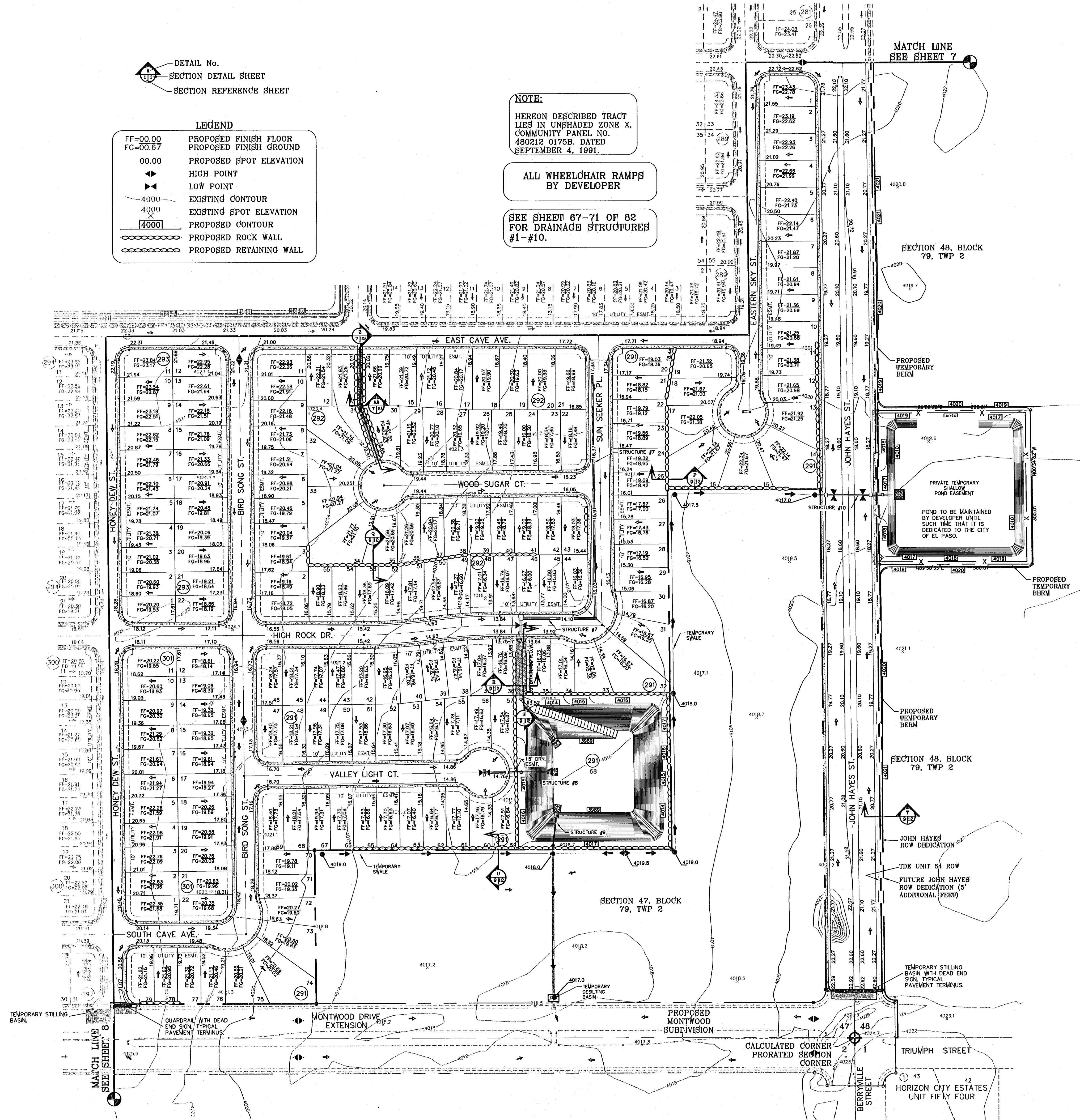
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936



GRADING PLAN

103176

FILE LOCATION S:_Subdivisions\TDE_64 REVISED.dwg TDE_64 GDPL PLOTTED ON Tuesday, May 24, 2011 12:38:46 PM BY RUBEN RIVERA



DETAIL No. SECTION DETAIL SHEET SECTION REFERENCE SHEET

LEGEND

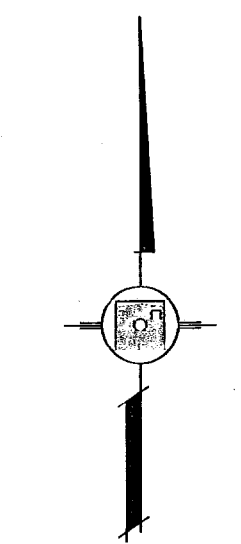
FF=00.00	PROPOSED FINISH FLOOR
FG=00.67	PROPOSED FINISH GROUND
00.00	PROPOSED SPOT ELEVATION
◆	HIGH POINT
▼	LOW POINT
4000	EXISTING CONTOUR
4000	EXISTING SPOT ELEVATION
[4000]	PROPOSED CONTOUR
○	PROPOSED ROCK WALL
○	PROPOSED RETAINING WALL

NOTE:
HEREON DESCRIBED TRACT LIES IN UNSHADED ZONE X, COMMUNITY PANEL NO. 480212 0176B. DATED SEPTEMBER 4, 1991.

ALL WHEELCHAIR RAMPS BY DEVELOPER

SEE SHEET 67-71 OR 82 FOR DRAINAGE STRUCTURES #1-#10.

MATCH LINE SEE SHEET 7

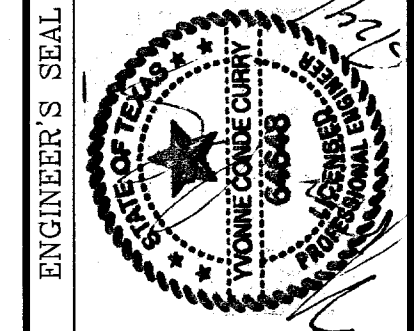


SCALE: 1"=100'

BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED X-1118" PID "CE0141" ELEVATION: 3987.12	
DATE	REVISIONS
11/22/10	CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.
	BY

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2 NORTH, RANGE 10 EAST, EL PASO COUNTY, TEXAS. CONTAINING 139.768 ACRES

SCALE
HORIZ: 1"=100'
VERT: ---
DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

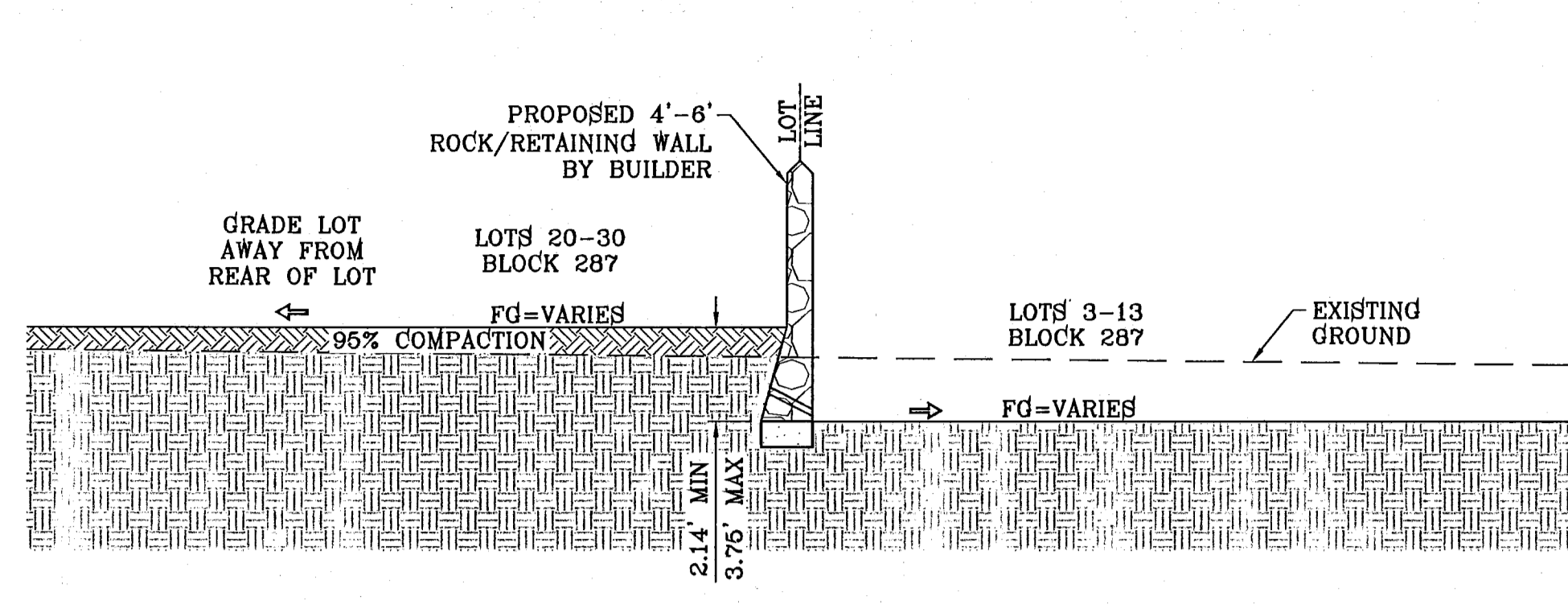


ENGINEER'S SEAL
CONDE INC.
ENGINEERING / PLANNING SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79938

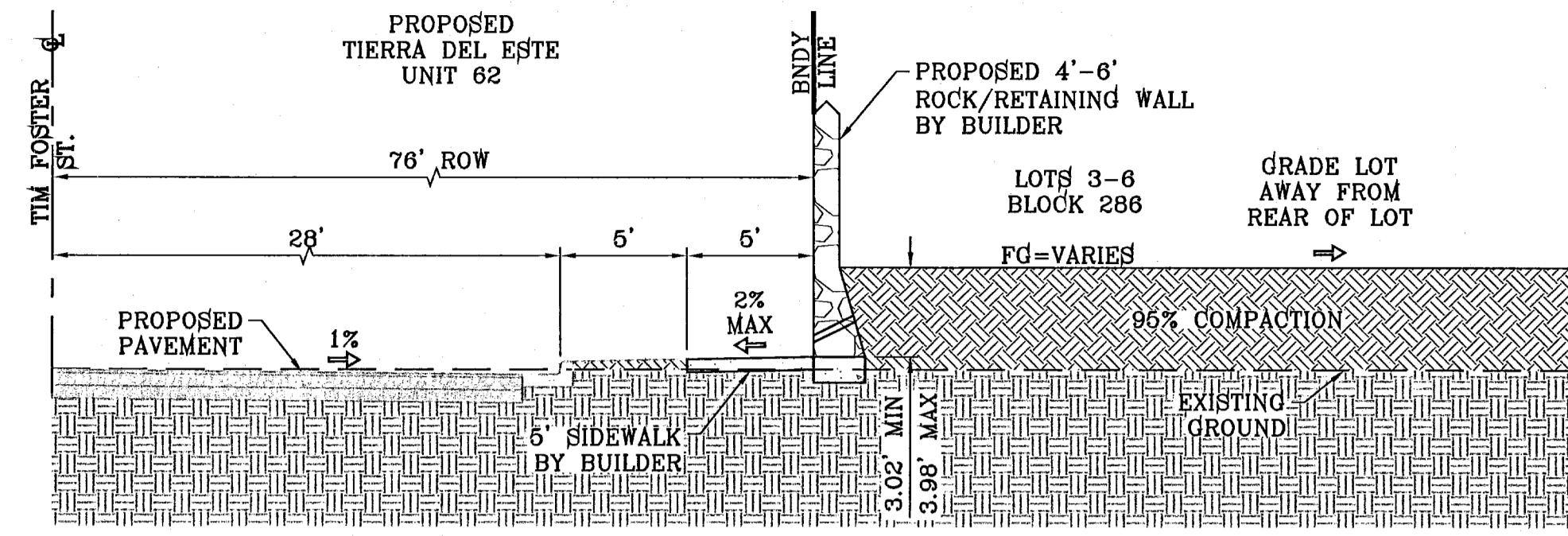


SHEET TITLE
GRADING PLAN

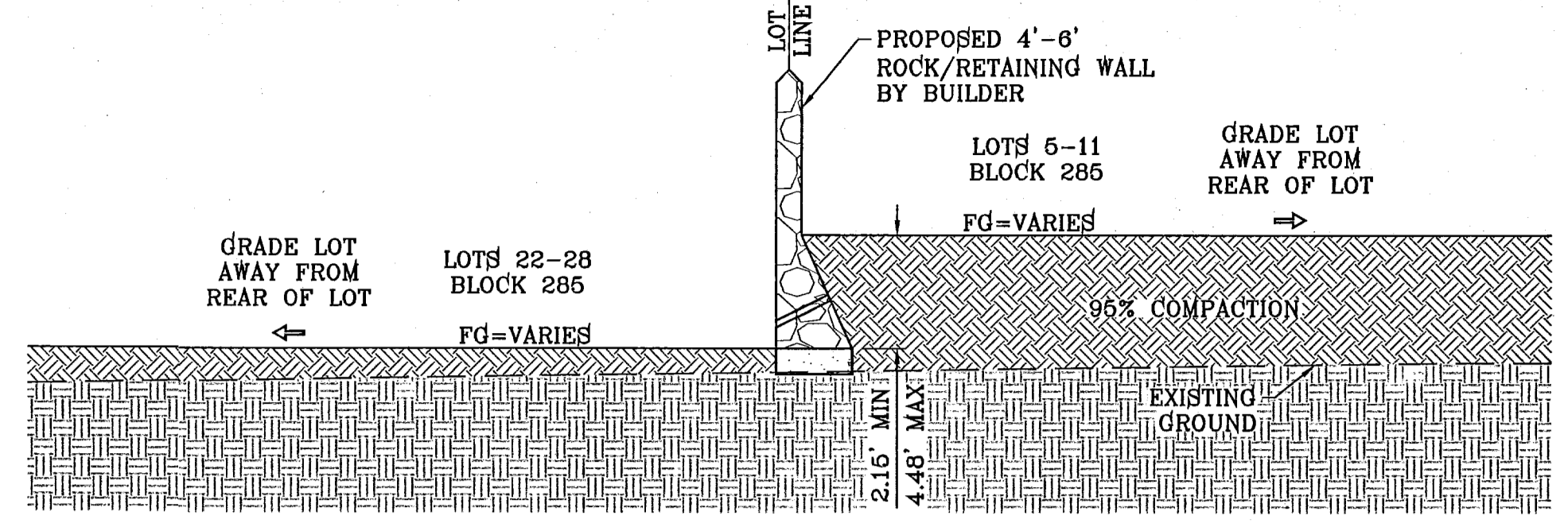
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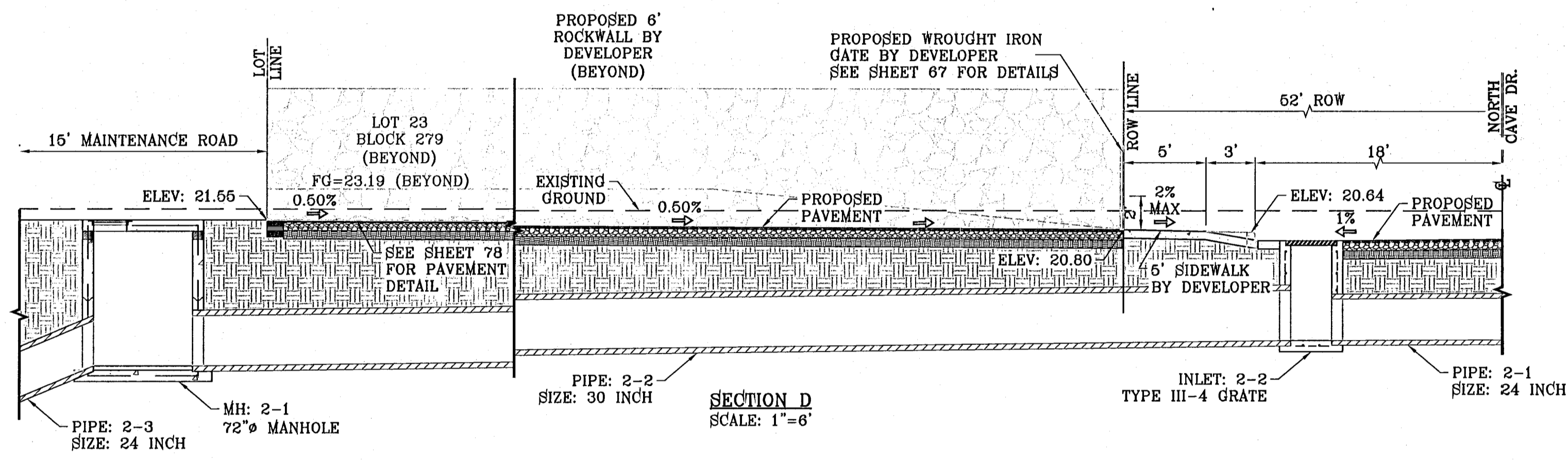
SECTION A
SCALE: 1"=6'



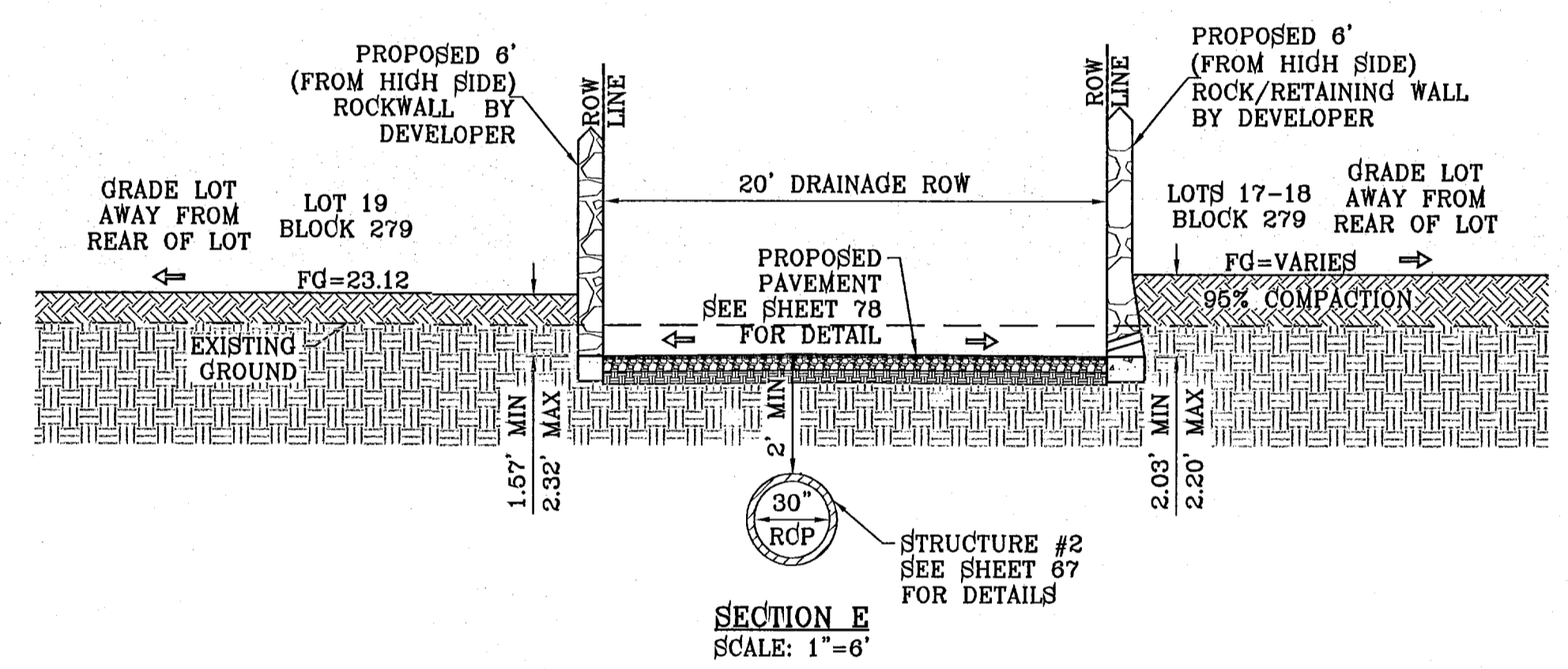
SECTION B
SCALE: 1"=6'



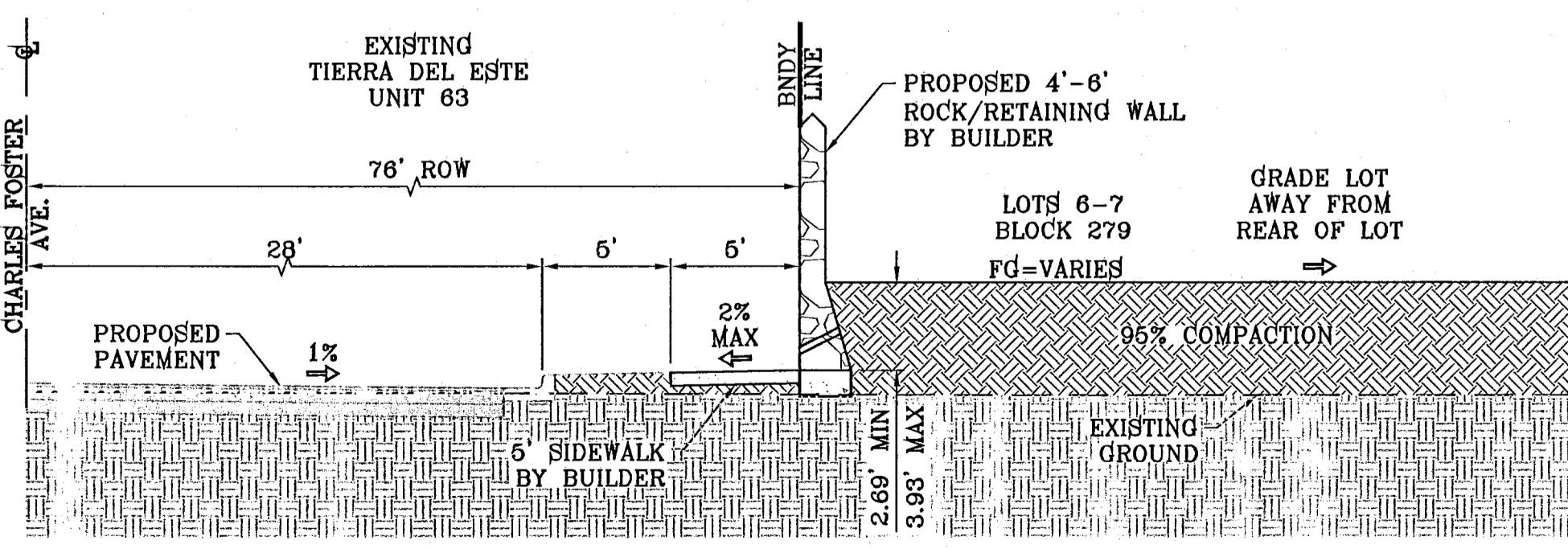
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SCALE: 1"=6'



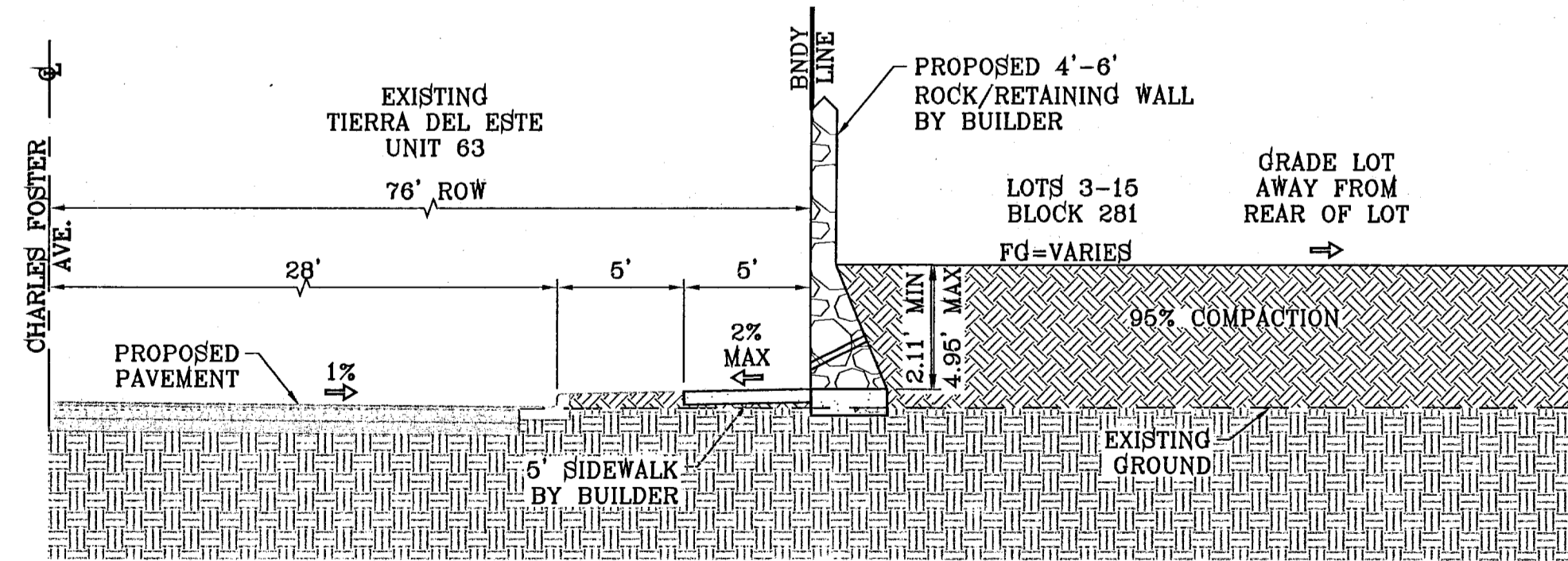
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SCALE: 1"=6'



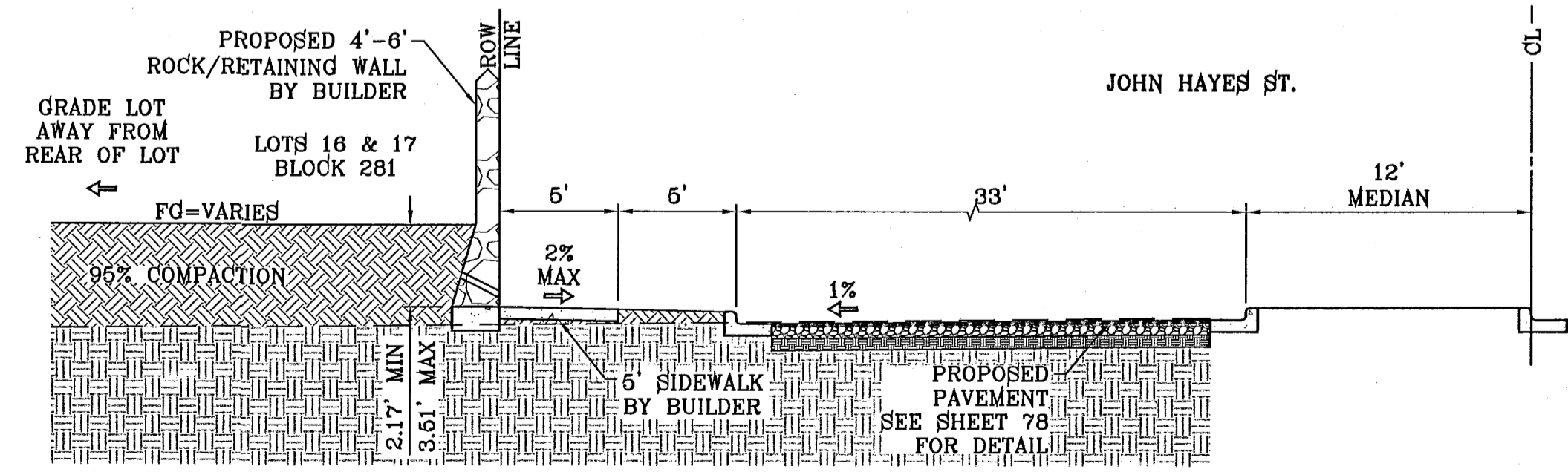
SECTION E
SCALE: 1"=6'



SECTION F
SCALE: 1"=6'



SECTION G
SCALE: 1"=6'

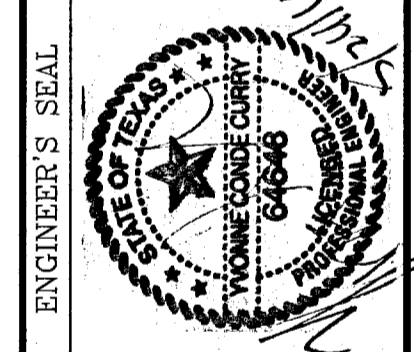


SECTION H
SCALE: 1"=6'

BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED X 1118" PID "C30141"
ELEVATION: 3987.12	
DATE	REVISIONS
11/22/10	WIDEN DRAINAGE EASEMENT TO 20' AS PER PSH X.X.
BY	

PROJECT NAME
TERRA DEL ESTE
UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 78,
 TOWNSHIP 47N, RANGE 14W, COUNTY OF PASO, TEXAS.
 CITY OF EL PASO, TEXAS. CONTAINING 139.788 ACRES

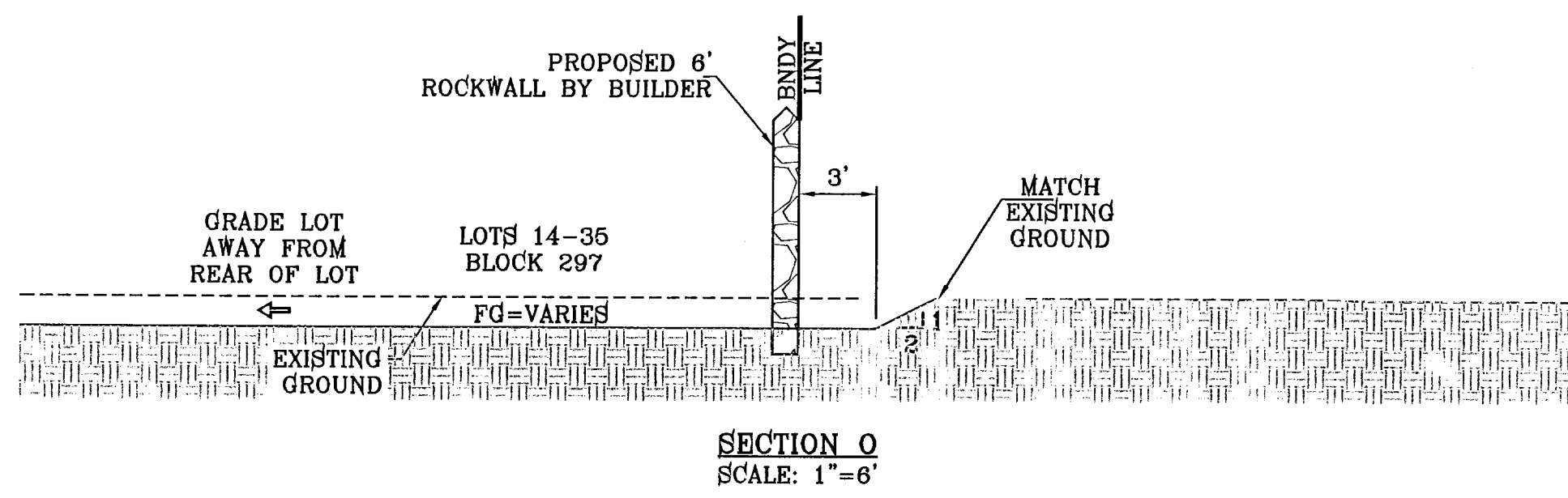
SCALE
 HORIZAS NOTED
 VERT: ---
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41



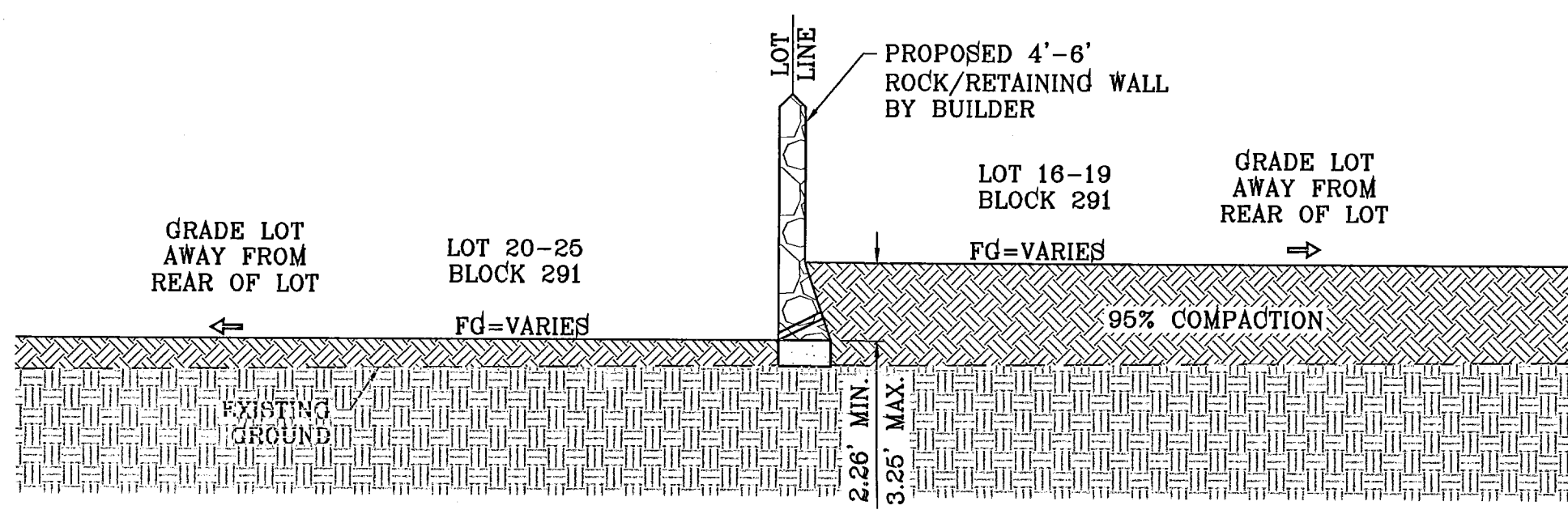
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

CONDE INC.
 REGISTRATION NO. F-2321
SHEET TITLE
GRADING SECTIONS
103176
SHT 10 OF 82

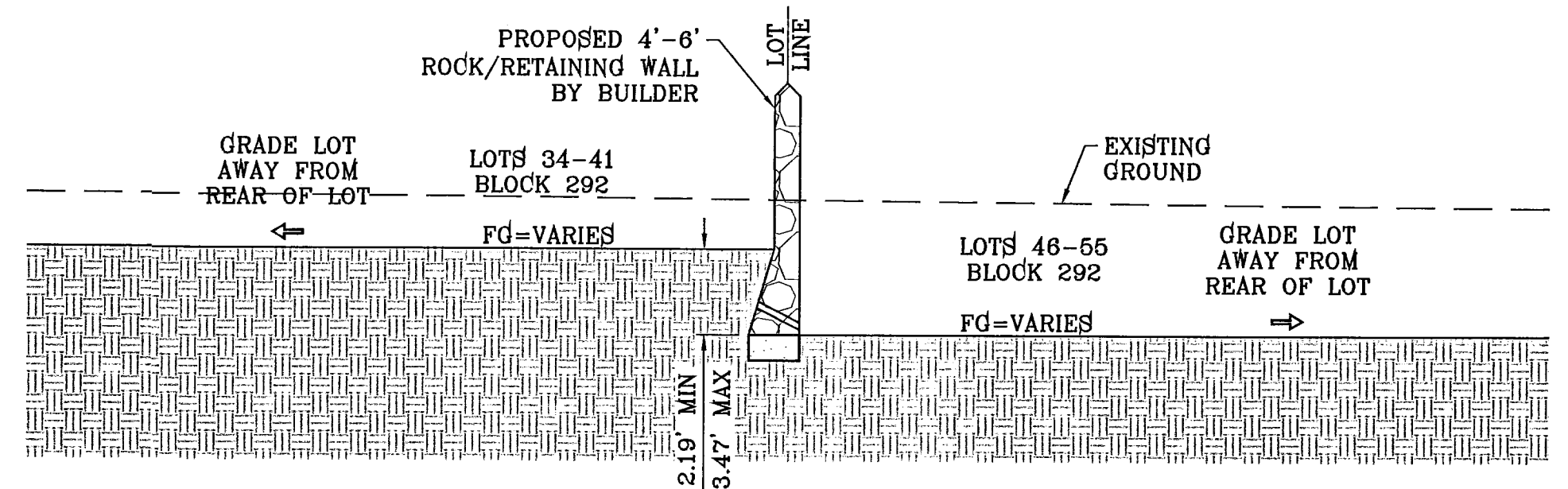
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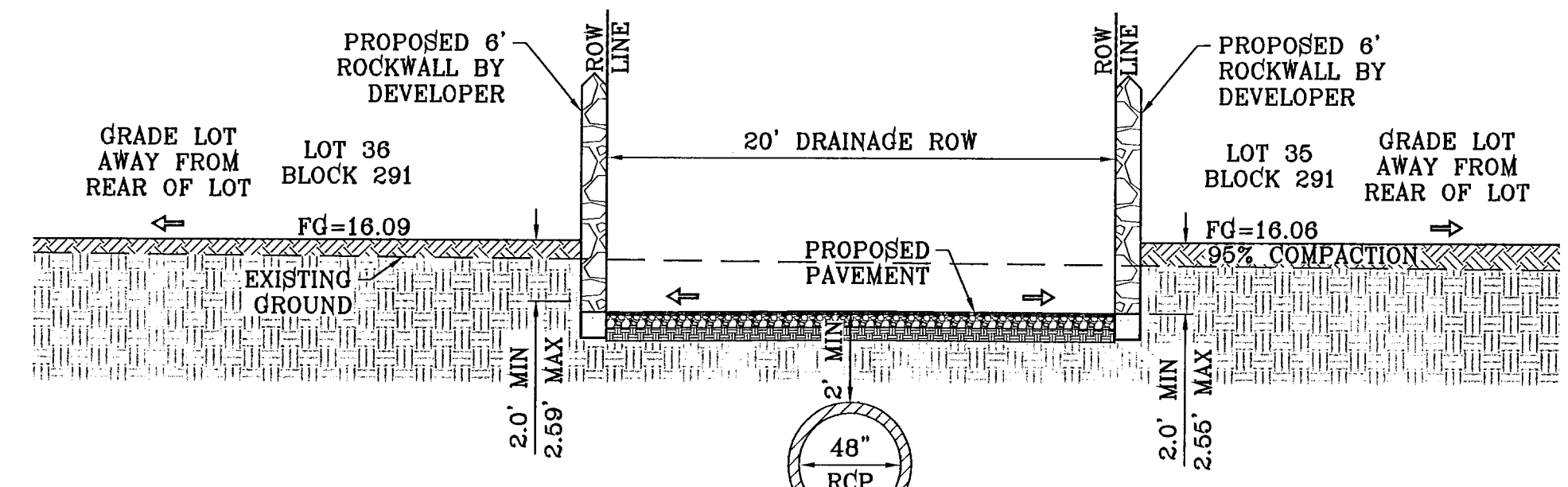
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SCALE: 1"=6'



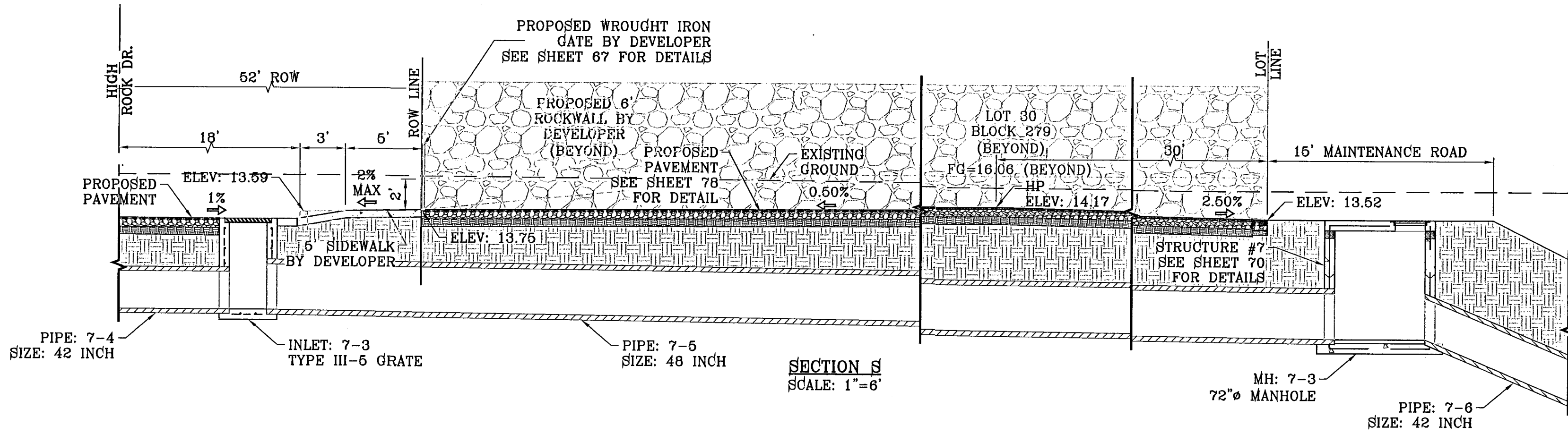
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SCALE: 1"=6'



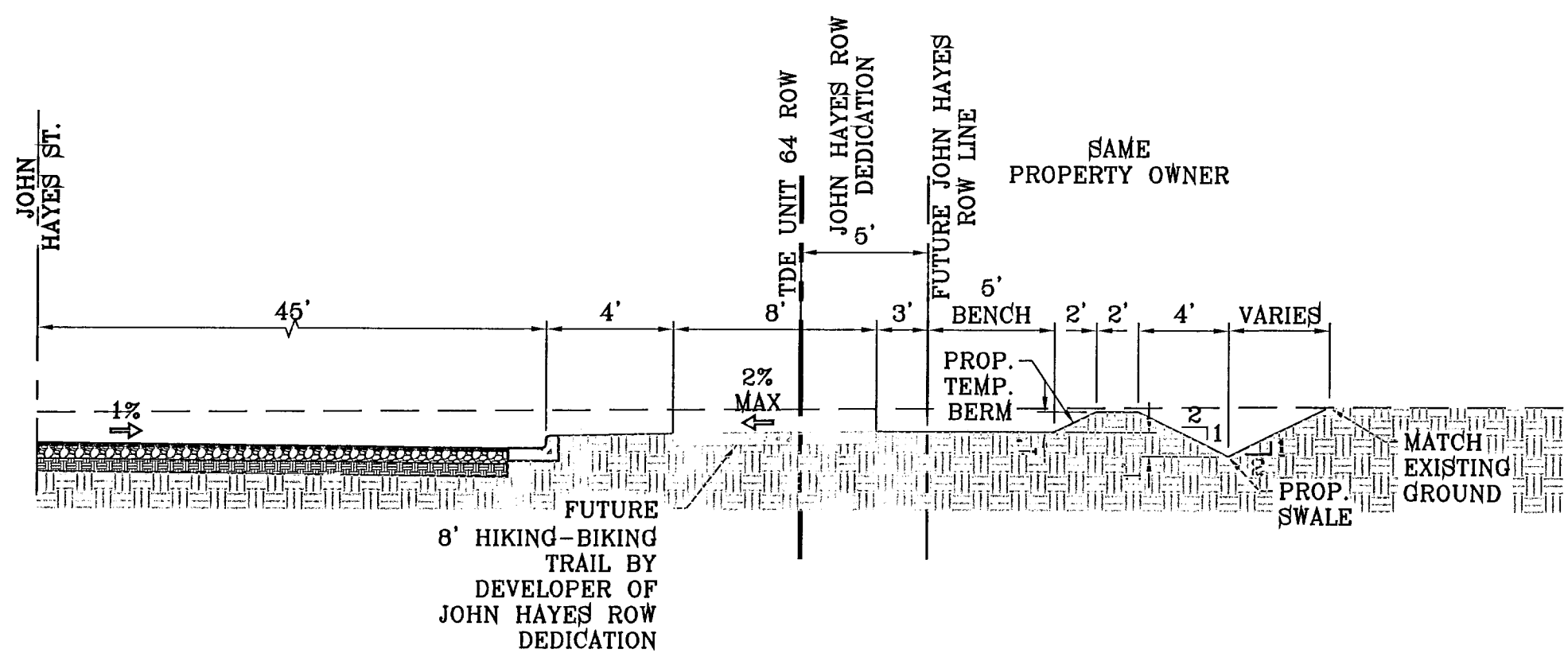
SECTION Q
SCALE: 1"=6'



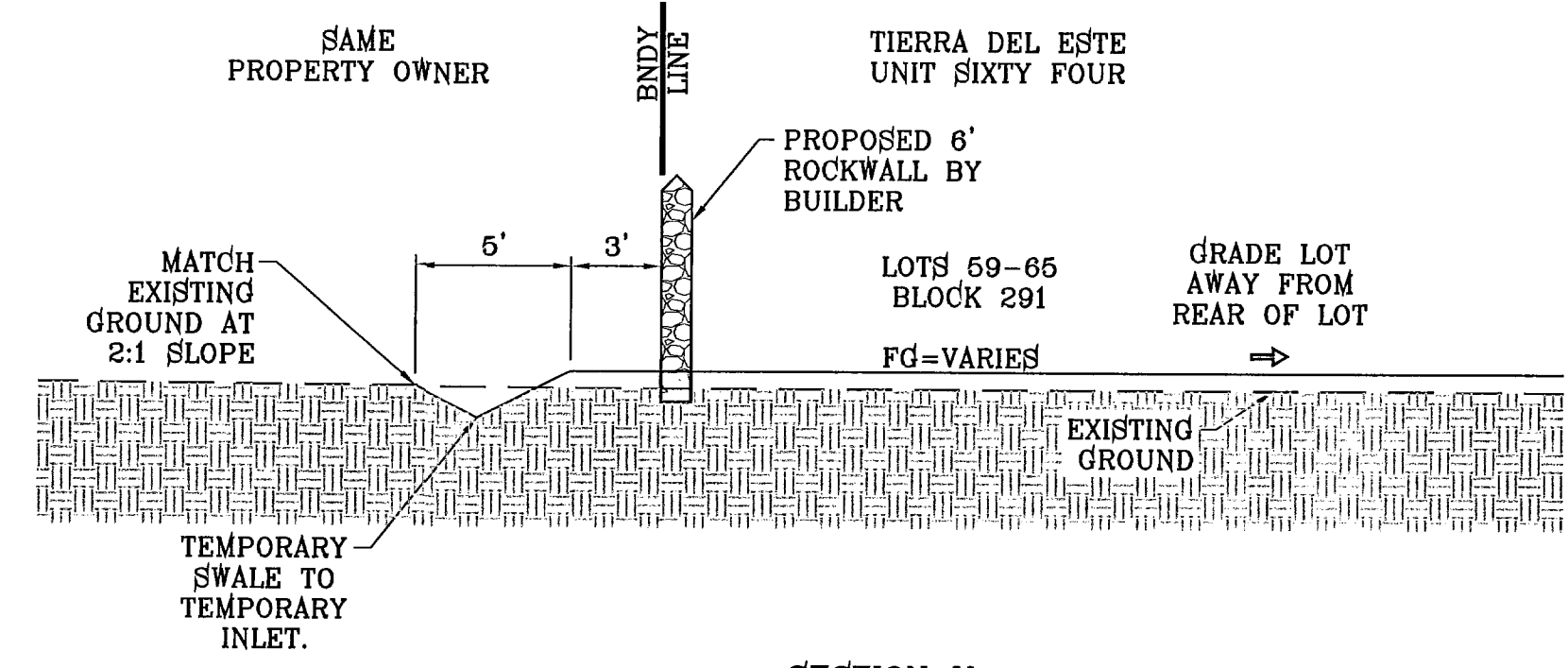
SECTION R
SCALE: 1"=6'



SECTION S
SCALE: 1"=6'



SECTION T
SCALE: 1"=6'



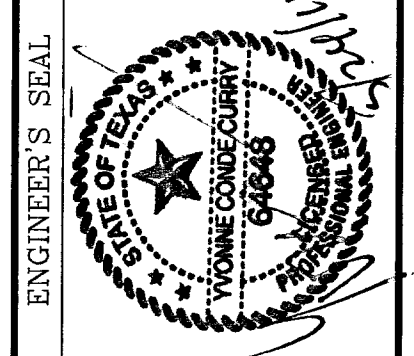
SECTION U
SCALE: 1"=6'

BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: X.1118" PID "CE0141"
ELEVATION: 3967.12	
DATE	REVISIONS
	BY

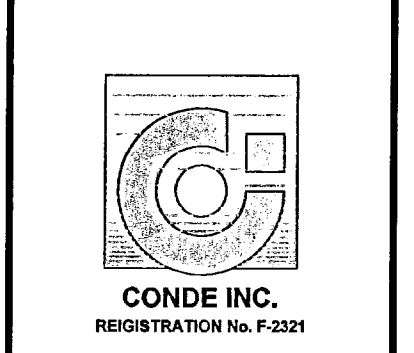
PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 17 AND 48 BLOCK 79 TOWNSHIP 2, TEXAS AND PARTS OF SECTIONS 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 139.788 ACRES

SCALE
HORIZ: AS NOTED
VERT: ---
DATE: SEPT. 2010
DESIGN BY: Y.C.
INITIATED BY: E.P.G.
CHECKED BY: Y.C.
JOB NO.: 610-41



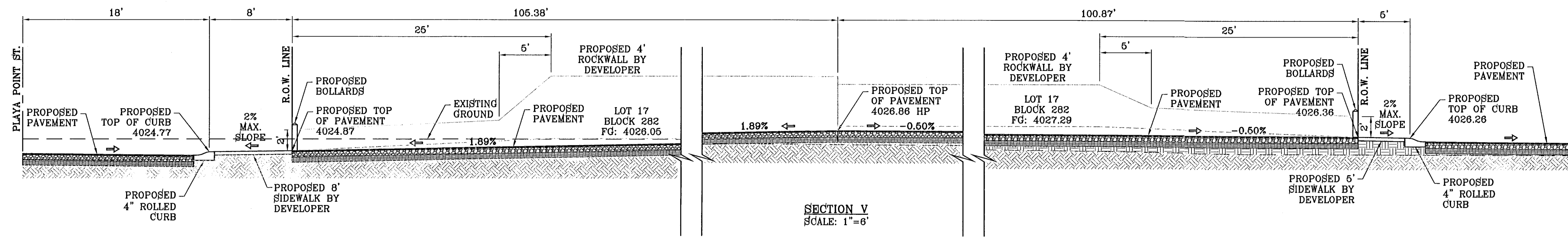
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVING STE 400
EL PASO, TEXAS 79936



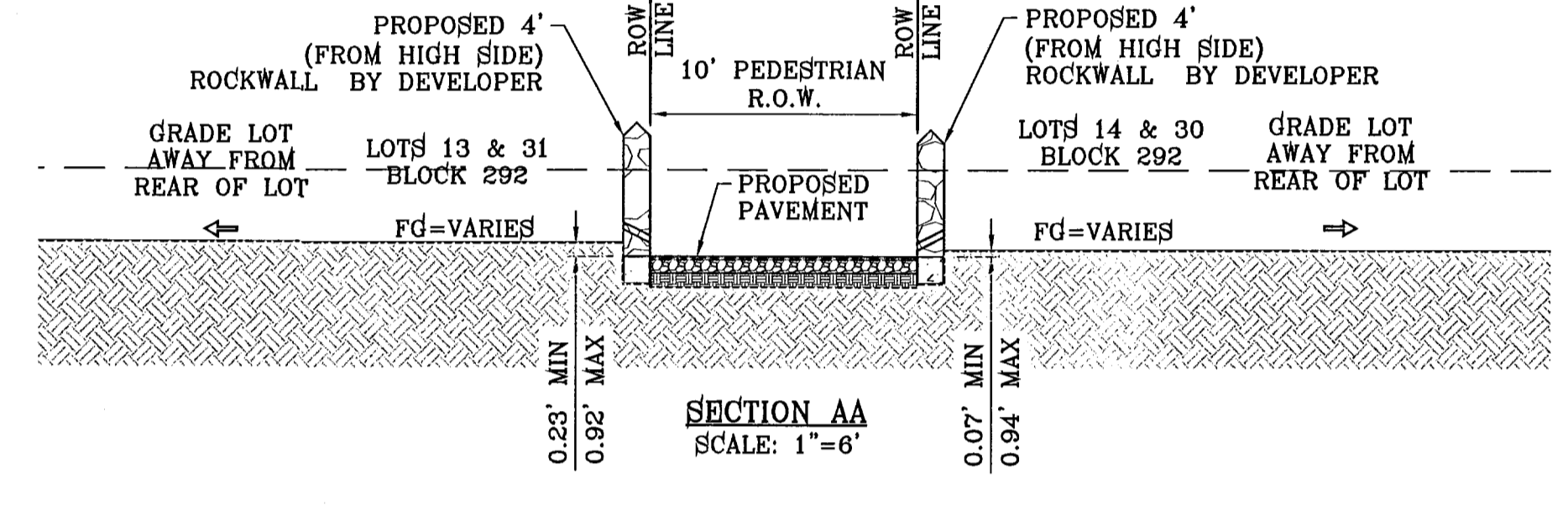
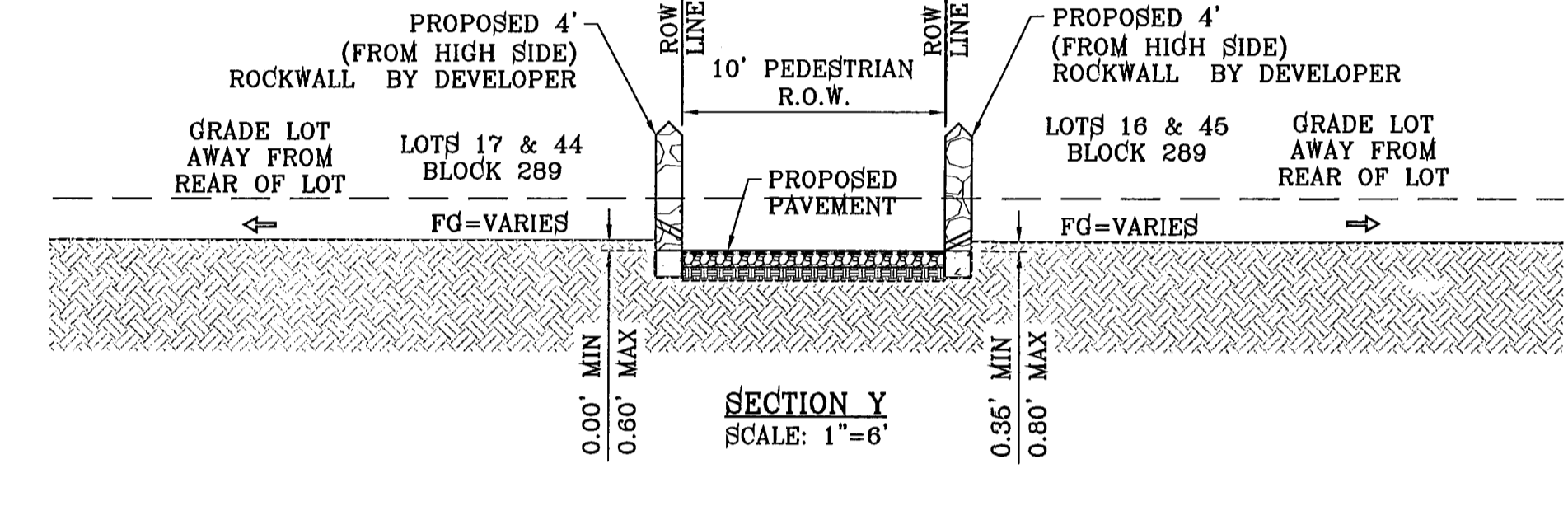
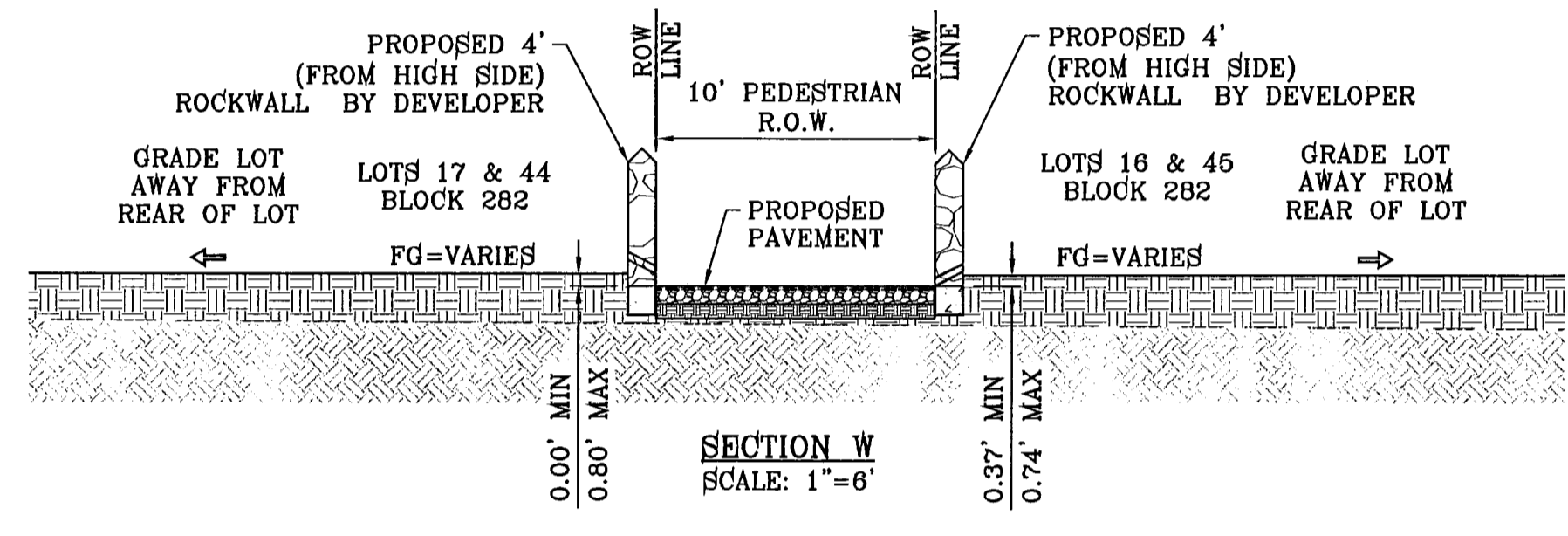
SHEET TITLE
GRADING SECTIONS

103176
SHT 12 OF 82

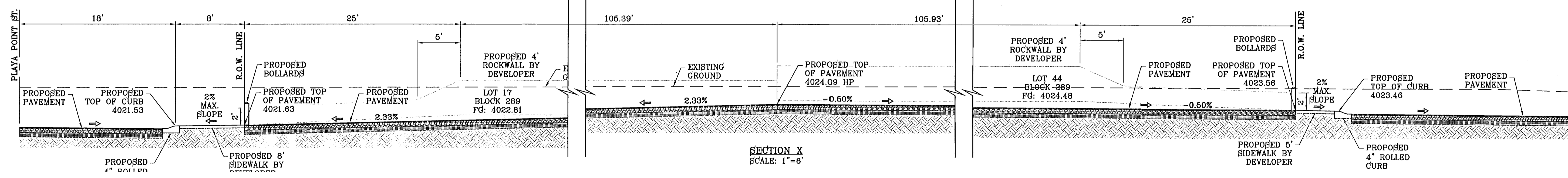
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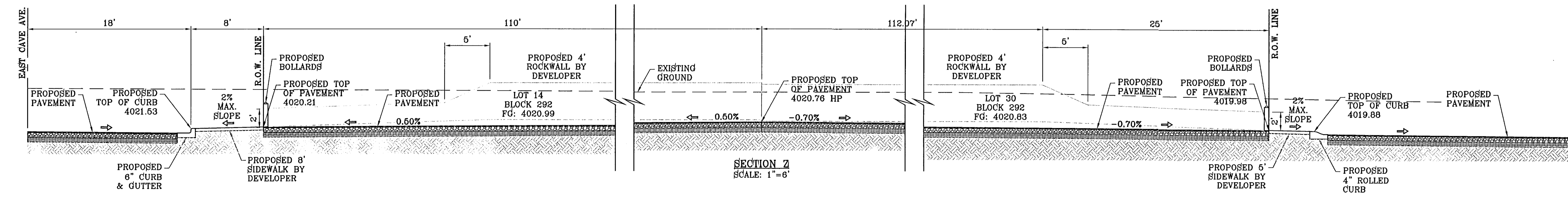
SEE SHEET 77 FOR BOLLARD DETAILS



SEE SHEET 78 FOR PAVEMENT DETAILS



SEE SHEET 77 FOR BOLLARD DETAILS



BENCHMARK	NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED X 1118" PID "CE0141" ELEVATION : 3987.12
DATE	11/25/10
BY	E.F.G.
REVISIONS	CITY REDLINES AS PER 11/15/10 COMMENTS

PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47 AND 48 BLOCK 78
& PORTION OF PARCELS 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

SCALE	HORIZ: AS NOTED
VERT: ---	Y.C.
DATE: SEPT 2010	DESIGN BY: Y.C.
INITIATED BY: E.F.G.	CHECKED BY: Y.C.
JOB NO.: 610-41	

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936



GRADING SECTIONS

103176

TIERRA DEL ESTE UNIT SIXTY FOUR

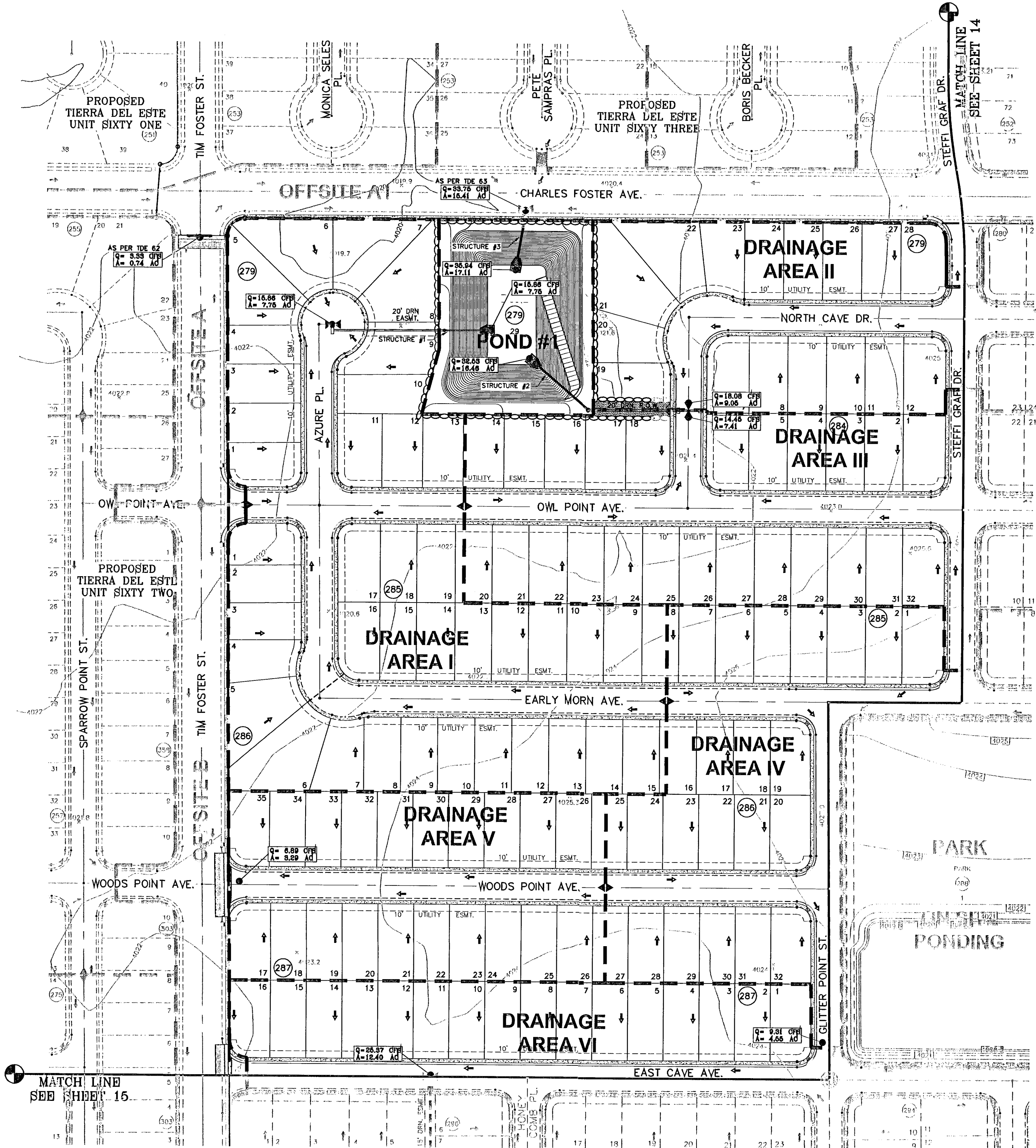
SHT 12A OF 82

FILE LOCATION S:\Subdivisions\TDE 64 REVISED.dwg\TDE 64-CDPL PLOTTED ON Tuesday, May 24, 2011 12:39:30 PM BY RUBEN RIVERA

DRAINAGE AREA	AREA (acres)	tc min.	c	i ₆₀ in/hr	Q ₅₀ cfs
I	7.76	26.0	0.60	3.41	16.86
II	9.06	27.0	0.60	3.33	18.08
III	7.41	28.0	0.60	3.25	14.46
IV	4.55	26.0	0.60	3.41	9.31
V	3.29	25.0	0.60	3.49	6.89
VI	7.86	26.0	0.60	3.41	16.06
VII	16.66	27.0	0.60	3.33	33.29
VIII	6.16	28.0	0.60	3.25	11.99
IX	6.81	27.0	0.60	3.33	13.61
X	6.72	26.0	0.60	3.41	13.75
XI	7.65	26.0	0.60	3.41	16.65
XII	5.26	24.0	0.60	3.58	11.30
XIII	5.89	24.0	0.60	3.58	12.65
XIV	10.60	26.0	0.60	3.41	21.48
XV	3.76	12.0	0.90	4.75	16.03
XVI	6.93	26.0	0.60	3.41	14.18
XVII	3.68	27.0	0.60	3.33	7.35
XVIII	3.24	11.0	0.60	4.90	9.52
XIX	5.18	8.0	0.85	6.5	24.22
XX	6.62	12.0	0.85	4.75	26.32
XXI	3.16	10.0	0.90	5.00	14.22
XXII	0.38	8.00	0.90	5.50	1.88
XXIII	0.41	8.00	0.90	5.50	2.03
XXIV	2.77	12.0	0.90	4.75	11.84
XXV	2.98	12.0	0.90	4.75	12.74
OFFSITE A	0.74				3.33
OFFSITE A1	16.37				32.61
OFFSITE B	3.99				17.07
OFFSITE C	3.06				13.44
PARK\POND	8.27				
POND #1	1.43				
POND #2	2.09				
POND #3	2.07				

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 UNSHADED ZONE X, COMMUNITY PANEL NO. 480212 0176B, DATED SEPTEMBER 4, 1991.

SEE SHEET 67-71 OF 82 FOR DRAINAGE STRUCTURES #1-#10.

SCALE: 1"=100'

BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED X 1118" PID 730141"
 ELEVATION : 3887.12

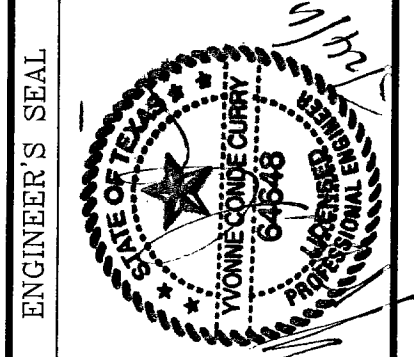
DATE	REVISIONS	BY
11/22/10	CITY REDLINES AS PER 11/15/10 COMMENTS	E.F.G.

PROJECT NAME
 TERRA DEL ESTE
 UNIT SIXTY FOUR

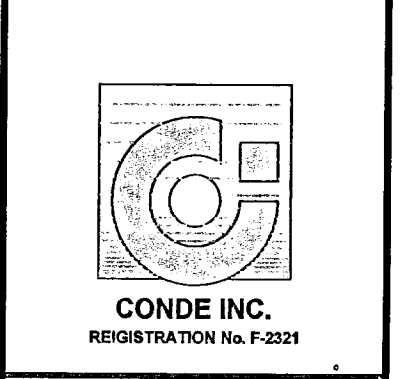
BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79,
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS
 CONTAINING 139.768 ACRES

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

DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1700 LEE TRAVINO STE 400
 EL PASO, TEXAS 79966



SHEET TITLE
DRAINAGE PLAN

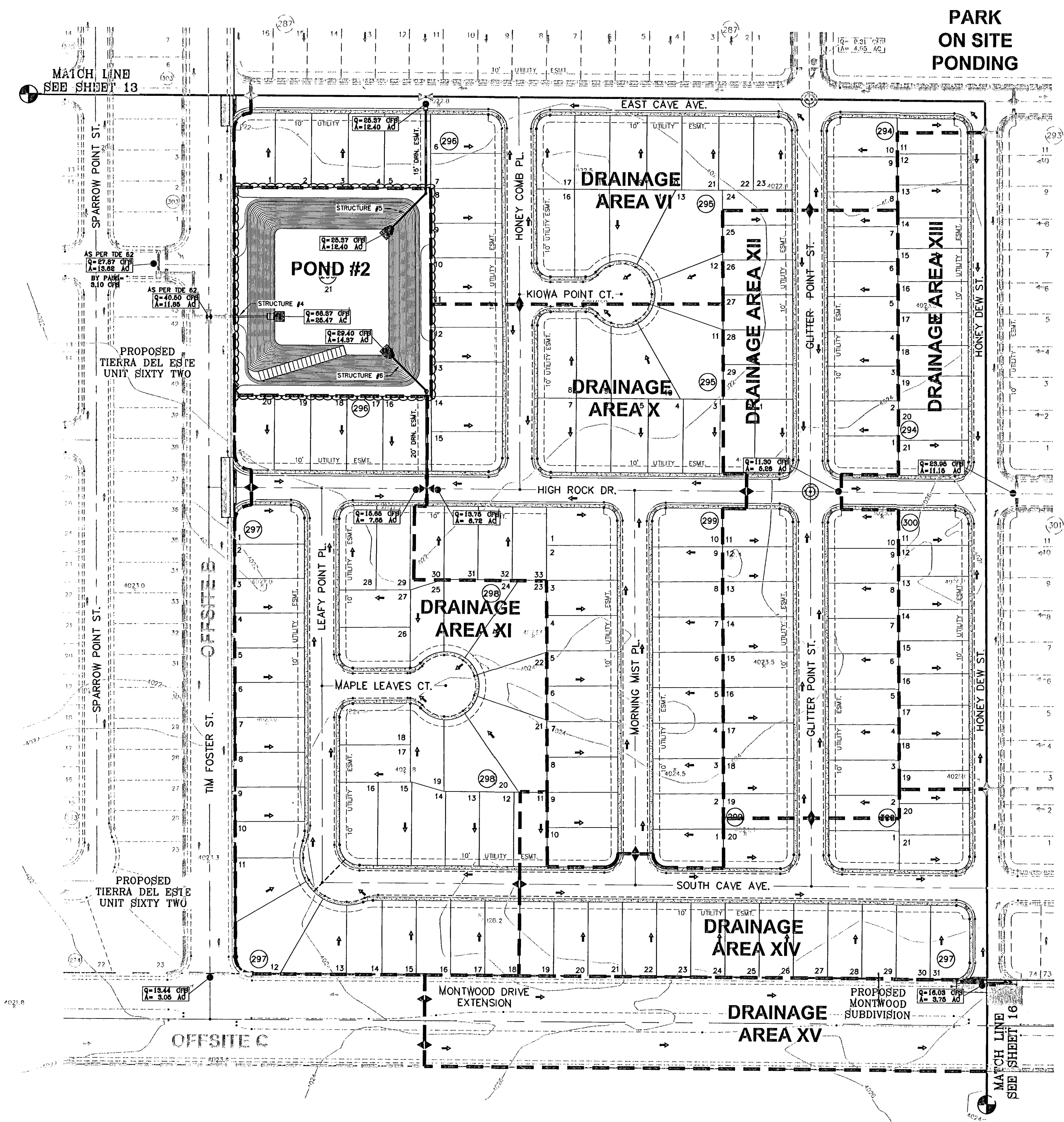
SHT 13 OF 82

103176

TERRA DEL ESTE UNIT SIXTY FOUR

FILE LOCATION S:\Subdivisions\TDE 64 REVISED.dwg\TDE_64-CDPL_PLOTTED ON Tuesday, May 24, 2011 12:41:03 PM BY RUBEN RIVERA

DRAINAGE AREA	AREA (acres)	tc min.	c	i ₅₀ in/hr	Q ₅₀ cfs
I	7.75	26.0	0.60	3.41	15.86
II	9.05	27.0	0.60	3.33	18.08
III	7.41	28.0	0.60	3.25	14.45
IV	4.55	26.0	0.60	3.41	9.31
V	3.29	25.0	0.60	3.49	8.89
VI	7.85	28.0	0.60	3.41	16.06
VII	16.66	27.0	0.60	3.33	33.29
VIII	6.15	28.0	0.60	3.25	11.99
IX	6.81	27.0	0.60	3.33	13.61
X	6.72	28.0	0.60	3.41	13.75
XI	7.65	26.0	0.60	3.41	15.65
XII	5.26	24.0	0.60	3.58	11.30
XIII	5.89	24.0	0.60	3.58	12.65
XIV	10.50	26.0	0.60	3.41	21.48
XV	3.75	12.0	0.90	4.75	16.03
XVI	6.93	26.0	0.60	3.41	14.18
XVII	3.68	27.0	0.60	3.33	7.35
XVIII	3.24	11.0	0.60	4.90	9.52
XIX	5.18	8.0	0.85	5.5	24.22
XX	6.52	12.0	0.85	4.75	26.32
XXI	3.16	10.0	0.90	5.00	14.22
XXII	0.38	8.00	0.90	5.50	1.88
XXIII	0.41	8.00	0.90	5.50	2.03
XXIV	2.77	12.0	0.90	4.75	11.84
XXV	2.98	12.0	0.90	4.75	12.74
OFFSITE A	0.74				3.33
OFFSITE A1	16.37				32.61
OFFSITE B	3.99				17.07
OFFSITE C	3.05				13.44
PARK/POND	8.27				
POND #1	1.43				
POND #2	2.09				
POND #3	2.07				

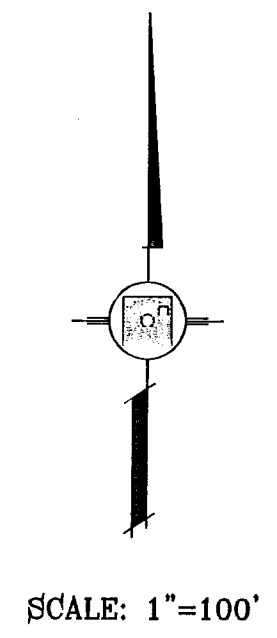


LEGEND

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 UNSHADED ZONE X. COMMUNITY PANEL NO. 480212 0176B. DATED SEPTEMBER 4, 1991.

SEE SHEET 67-71 OF 82 FOR DRAINAGE STRUCTURES #1-#10.



BENCHMARK
NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED X 1116" BY CSD141 ELEVATION: 3987.12

DATE	REVISIONS	BY
11/22/10	CITY REDLINES AS PER 11/16/10 COMMENTS	E.F.G.
04/25/11	CITY REDLINES AS PER 04/18/11 COMMENTS	R.R.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY FOUR
BEING A PORTION OF SECTIONS 47 AND 48 BLOCK 79, TOWNSHIP 2, TEXAS AND PART OF BLOCKS 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

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

DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

CONDE INC.
ENGINEERING / PLANNING SURVEYING / GPS
1790 LEE TREWING STE 400 EL PASO, TEXAS 79966



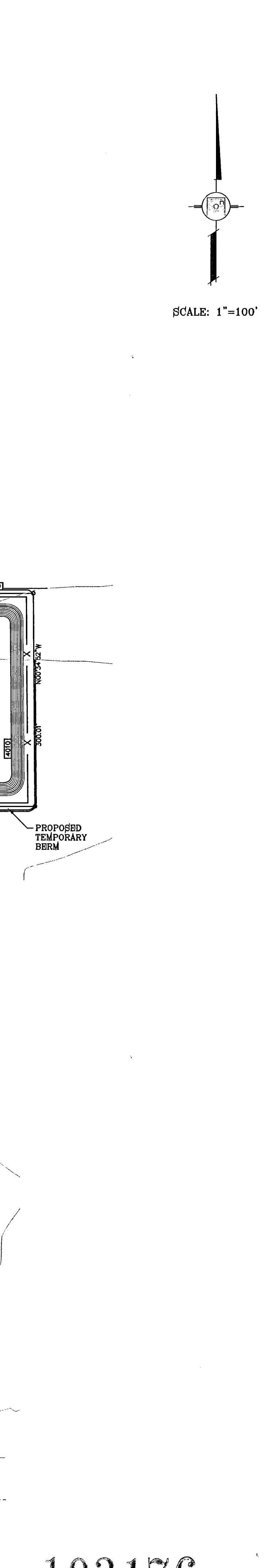
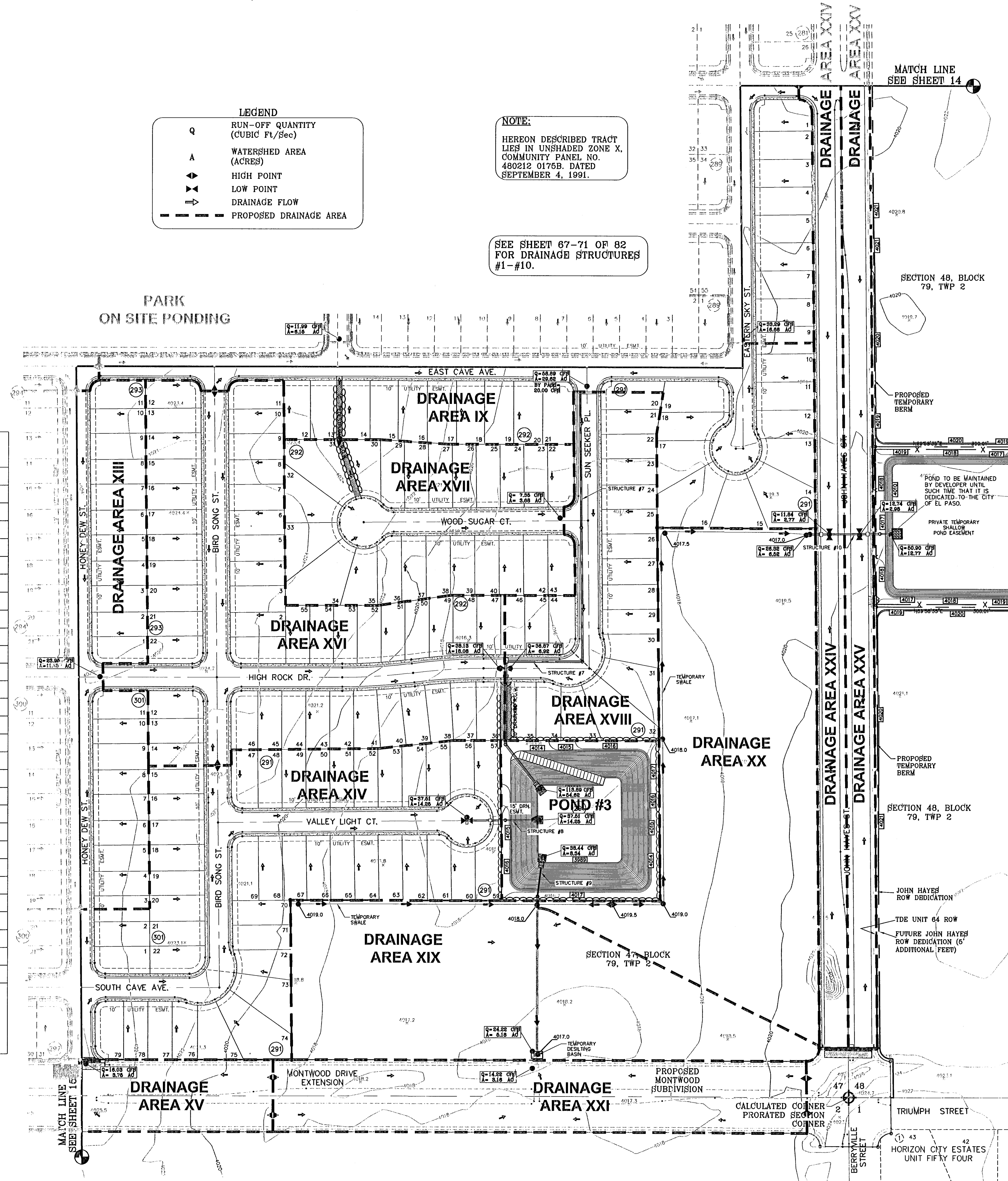
SHEET TITLE
DRAINAGE PLAN

103176
TERRA DEL ESTE UNIT SIXTY FOUR

SHT 15 OF 82

FILE LOCATION S:\Subdivisions\TDE 64 REVISED\dwg\TDE 64 -GDPL PLOTTED ON Tuesday, May 24, 2011 12:41:49 PM BY RUBEN RIVERA

DRAINAGE AREA	AREA (acres)	tc min.	c	iso in/hr	Q ₆₀ cfs
I	7.75	26.0	0.60	3.41	16.86
II	9.05	27.0	0.60	3.33	18.08
III	7.41	28.0	0.60	3.25	14.46
IV	4.65	26.0	0.60	3.41	9.31
V	3.29	25.0	0.60	3.49	6.89
VI	7.85	26.0	0.60	3.41	16.06
VII	16.68	27.0	0.60	3.33	33.29
VIII	6.15	28.0	0.60	3.25	11.99
IX	6.81	27.0	0.60	3.33	13.61
X	6.72	26.0	0.60	3.41	13.76
XI	7.65	26.0	0.60	3.41	15.65
XII	5.26	24.0	0.60	3.58	11.30
XIII	5.89	24.0	0.60	3.58	12.66
XIV	10.60	26.0	0.60	3.41	21.48
XV	3.75	12.0	0.90	4.75	16.03
XVI	6.93	26.0	0.60	3.41	14.18
XVII	3.88	27.0	0.60	3.33	7.35
XVIII	3.24	11.0	0.60	4.90	9.52
XIX	6.18	8.0	0.85	5.5	24.22
XX	6.62	12.0	0.85	4.75	26.32
XXI	3.16	10.0	0.90	6.00	14.22
XXII	0.38	8.00	0.90	5.50	1.88
XXIII	0.41	8.00	0.90	5.50	2.03
XXIV	2.77	12.0	0.90	4.75	11.84
XXV	2.98	12.0	0.90	4.75	12.74
OFFSITE A	0.74				3.33
OFFSITE A1	16.37				32.61
OFFSITE B	3.99				17.07
OFFSITE C	3.05				13.44
PARK\POND	8.27				
POND #1	1.43				
POND #2	2.09				
POND #3	2.07				



PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY FOUR

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

DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: B.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVING STE 400
EL PASO, TEXAS 79966

REGISTRATION No. F-2321

SHEET TITLE
DRAINAGE PLAN

BENCHMARK
NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED "X 1118" PID "060141"
ELEVATION : 3967.12

REVISIONS

DATE	BY	COMMENTS
11/22/10		CITY REDLINES AS PER 11/16/10 COMMENTS

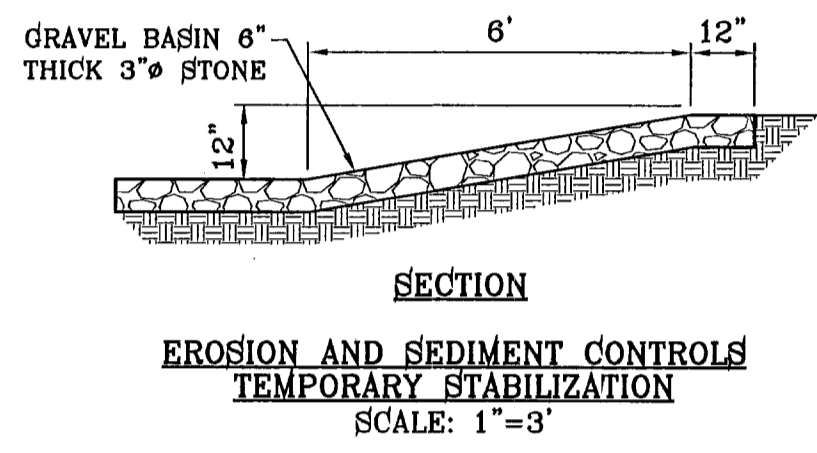
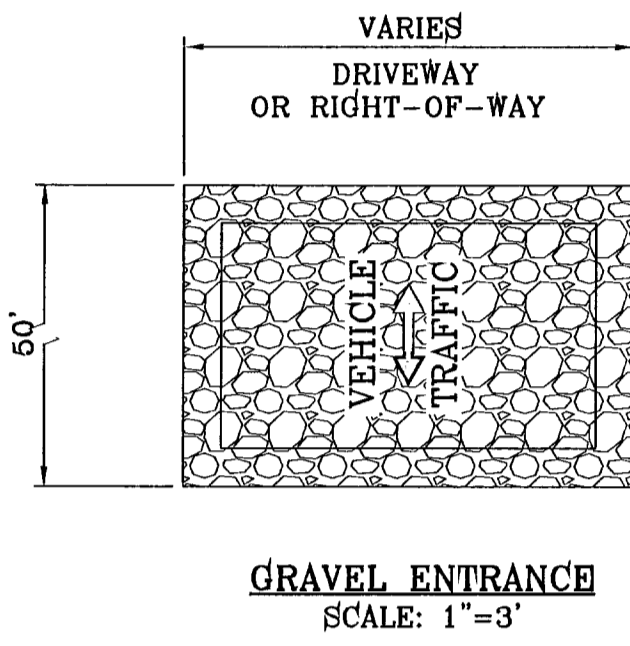
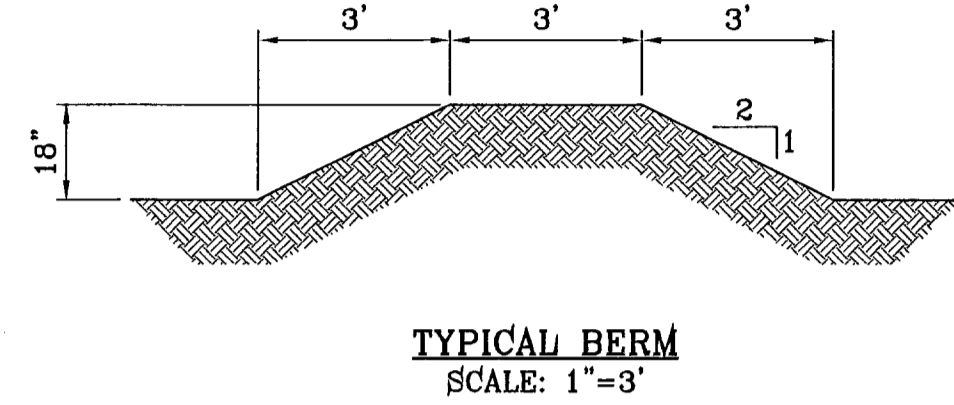
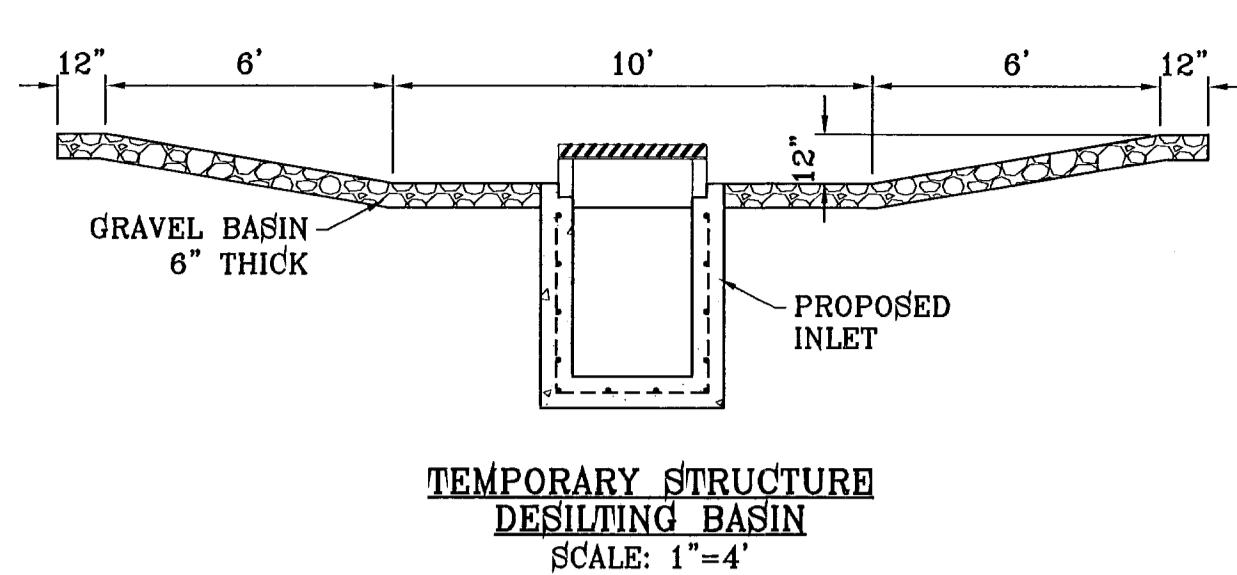
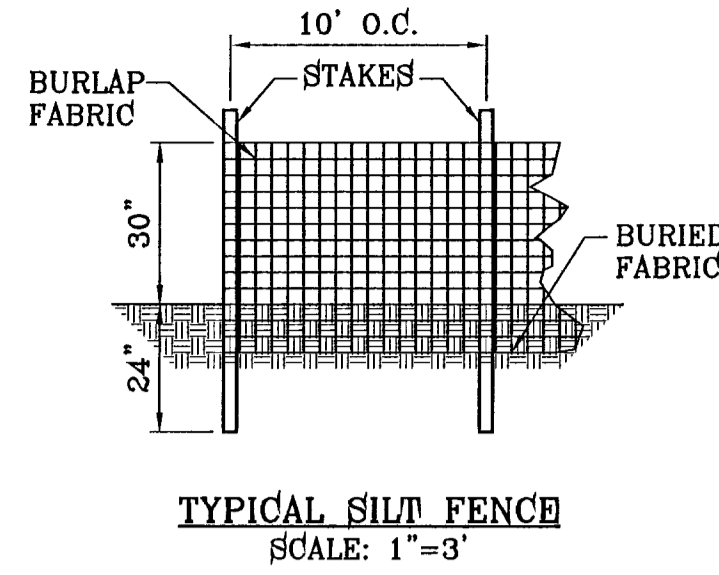
REVISIONS

BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79, TOWNSHIP 2, RANGE 10E, COUNTY OF EL PASO, TEXAS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 139.768 ACRES.

103176

TIERRA DEL ESTE UNIT SIXTY FOUR

FILE LOCATION: s:\Subdivisions\TDE_64_REVISED.dwg\TDE_64-DPL PLOTTED ON Tuesday, May 24, 2011 12:43:10 PM BY RUBEN RIVERA



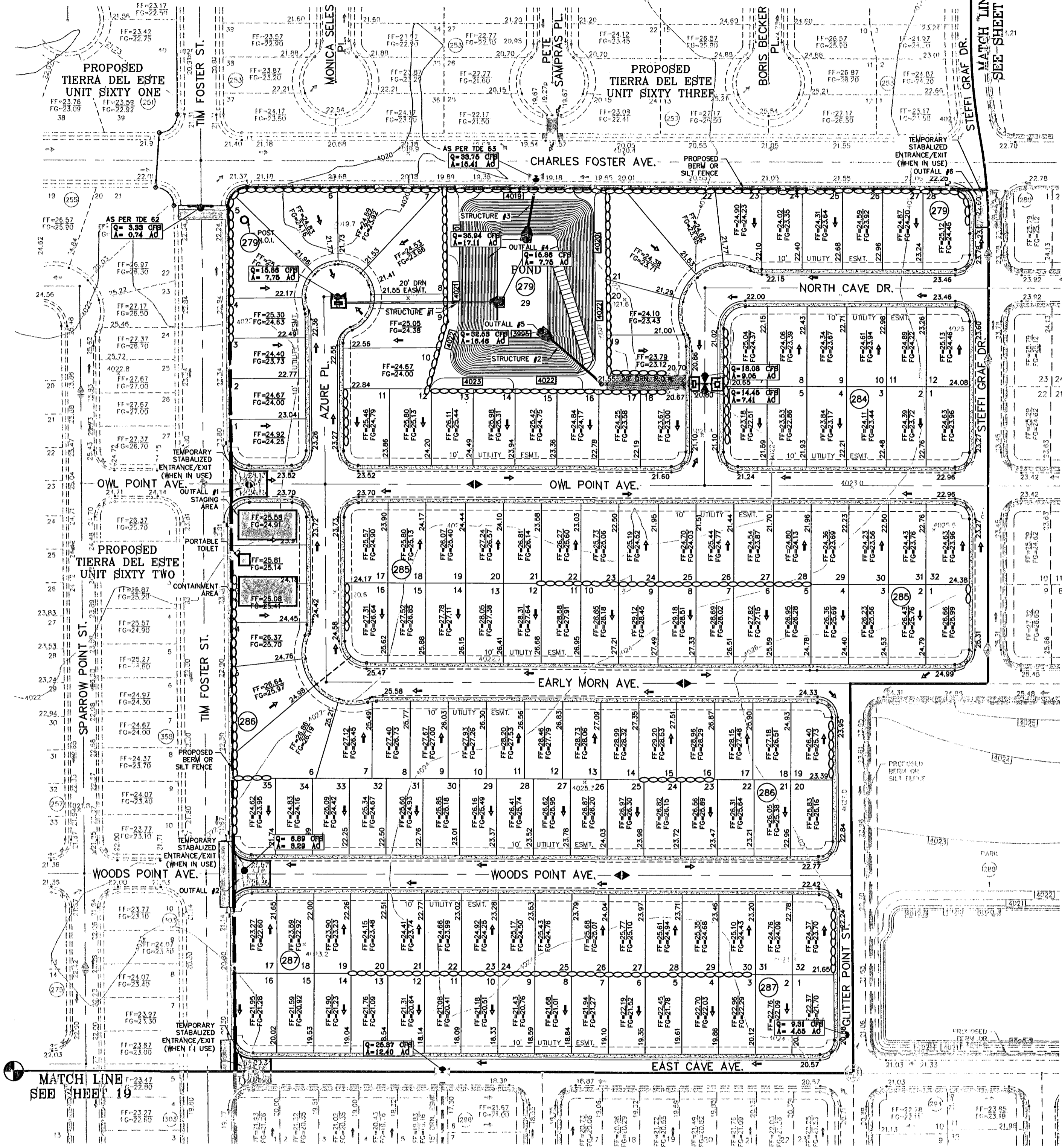
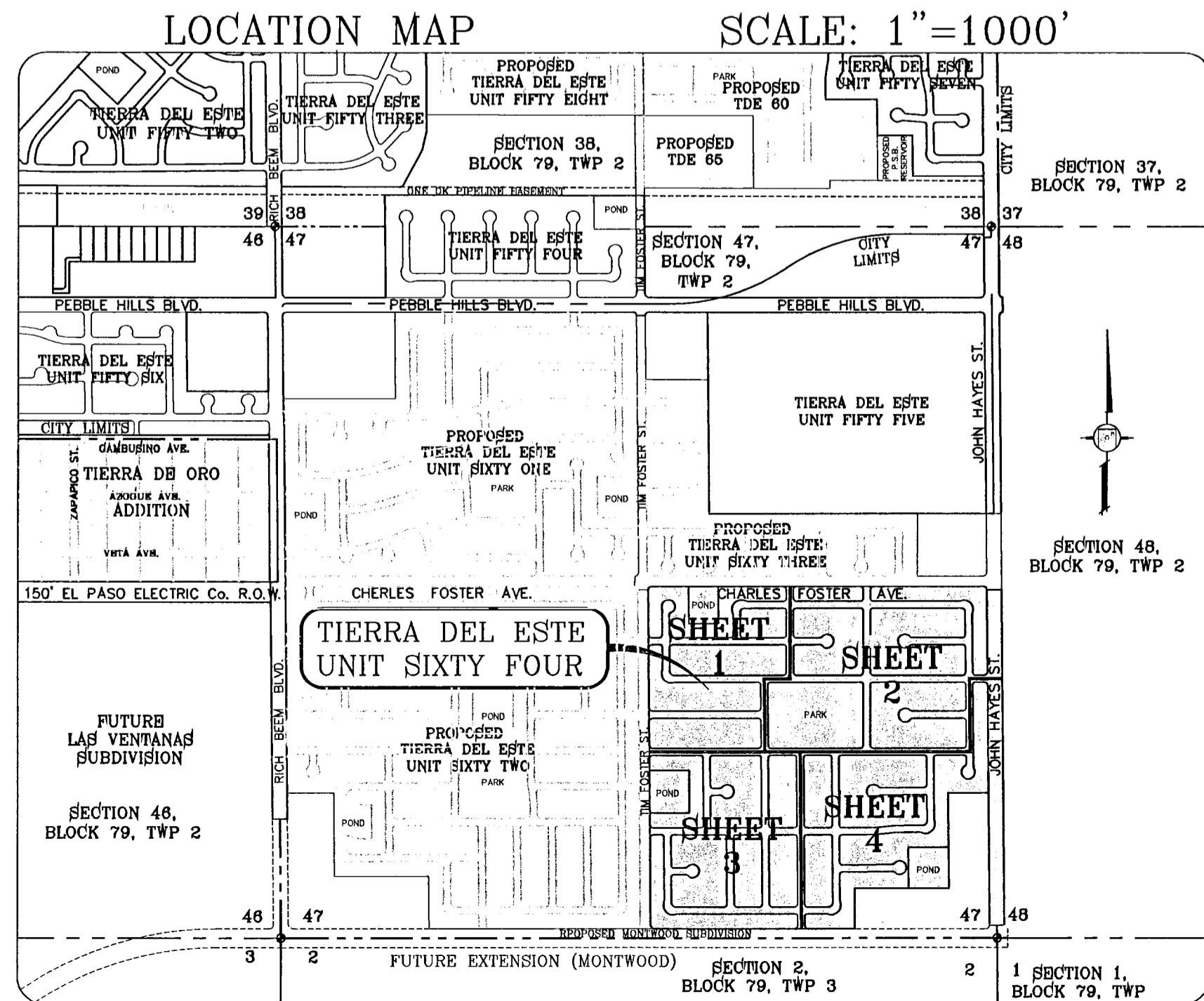
- NOTES:**
1. T.P.D.E.S. PERMIT- AS REQUIRED BY CONTRACTOR
 2. STORM WATER AS PER N.P.D.E.S. PERMIT

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 SWEEP 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.
6. SILT FENCE TO BE INSTALLED AND MAINTAINED ALONG THE PERIMETER OF THE PARK SITE UNTIL ALL ADJUTING RESIDENCES ARE DEVELOPED.

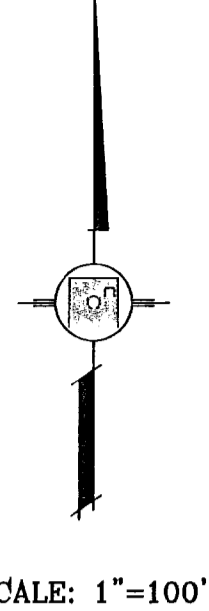
LEGEND

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



NOTE:
HEREON DESCRIBED TRACT LIES IN UNSHADED ZONE X, COMMUNITY PANEL NO. 480212 0175B. DATED SEPTEMBER 4, 1991.

SEE SHEET 67-71 OF 82 FOR DRAINAGE STRUCTURES #1-#10.



BENCHMARK

NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATION: 1116 3RD CRO141
ELEVATION: 8897.12

DATE: _____

REVISIONS

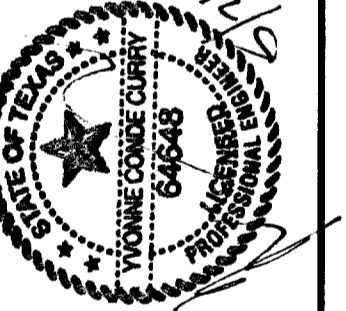
BY: _____

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 189.706 ACRES

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

DATE: SEPT. 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.C.
CHECKED BY: Y.C.
JOB NO.: 610-41



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936



STORM WATER POLLUTION PREVENTION PLAN

SITE DESCRIPTION: RESIDENTIAL SUBDIVISION

1. NO ASPHALT PATCH PLANTS FOR THIS SITE.

BEST MANAGEMENT PRACTICES

- STRUCTURAL CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT IN EFFECTIVE OPERATING CONDITION.
- DOCUMENTATION OF MAINTENANCE ACTIVITIES INCLUDING FREQUENCY, LOT DESIGNATION, INSPECTION OF: STRUCTURAL CONTROLS, MATERIAL STORAGE AREAS, VEHICLES ENTRANCE AND EXITS; ACTIONS TAKEN AND INSPECTORS NAME.
- CONSTRUCTION SITE NOTICE WILL BE MAINTAINED ON SITE.
- COPY OF SWPPP SHALL BE KEPT ON SITE.
- PERMITTEE MUST RETAIN THE SWP3, NOI AND INSPECTION LOG FOR A MINIMUM OF THREE YEARS FROM TERMINATION AND FINAL STABILIZATION OF PROJECT.

I. WASTE MATERIALS

ALL WASTE MATERIALS, INCLUDING CONSTRUCTION DEBRIS, SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. NO CONSTRUCTION MATERIAL SHALL BE BURIED ON SITE. THE DUMPSTER SHALL BE EMPTIED AS NECESSARY OR AS REQUIRED BY ORDINANCE 9.04 (SOLID WASTE MANAGEMENT) AND THE TRASH BE HAULED TO A LICENSED LANDFILL.

II. HAZARDOUS WASTE

AT A MINIMUM, ANY PRODUCTS IN THE FOLLOWING CATEGORIES SHALL BE CONSIDERED HAZARDOUS: PAINT, ACIDS FOR CLEANING MASONRY SURFACES, CLEANING SOLVENTS, ASPHALT PRODUCTS, CHEMICAL ADDITIVES FOR SPILL STABILIZATIONS, CURING COMPOUNDS AND ADDITIVES. IN THE EVENT OF A SPILL WHICH MAY BE HAZARDOUS, THE CONTRACTOR SHALL TAKE IMMEDIATE ACTION AND CONTACT THE FIRE DEPT. AND NMED.

III. SANITARY WASTE

ALL SANITARY WASTE SHALL BE COLLECTED FROM THE CONSTRUCTION PORTABLE UNITS AS NECESSARY BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR. ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

IV. SPILL PREVENTION

THE FOLLOWING PRACTICES SHALL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURES OF MATERIALS TO STORM WATER RUNOFF.

A. GOOD HOUSEKEEPING

- STORE ONLY ENOUGH PRODUCTS REQUIRED TO DO THE JOB.
- NEATLY STORE MATERIALS ON-SITE IN AN ORDERLY MANNER.
- KEEP PRODUCTS IN THEIR ORIGINAL CONTAINERS.
- DO NOT MIX SUBSTANCES WITH ONE ANOTHER, UNLESS OTHERWISE RECOMMENDED BY THE MANUFACTURER.
- USE ENTIRE CONTENTS OF A PRODUCT BEFORE DISPOSING THE CONTAINER.
- FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL.

B. HAZARDOUS PRODUCTS:

PRACTICES USED TO REDUCE RISKS:

- KEEP PRODUCTS IN THEIR ORIGINAL CONTAINER IF AT ALL POSSIBLE
- RETAIN ORIGINAL LABELS, PRODUCT INFORMATION AND MATERIAL SAFETY DATA SHEETS (MSDS)
- DISPOSE SURPLUS PRODUCT IN ACCORDANCE WITH MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS

C. PETROLEUM PRODUCTS:

PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATION.

V. SPILL CONTROL PRACTICES:

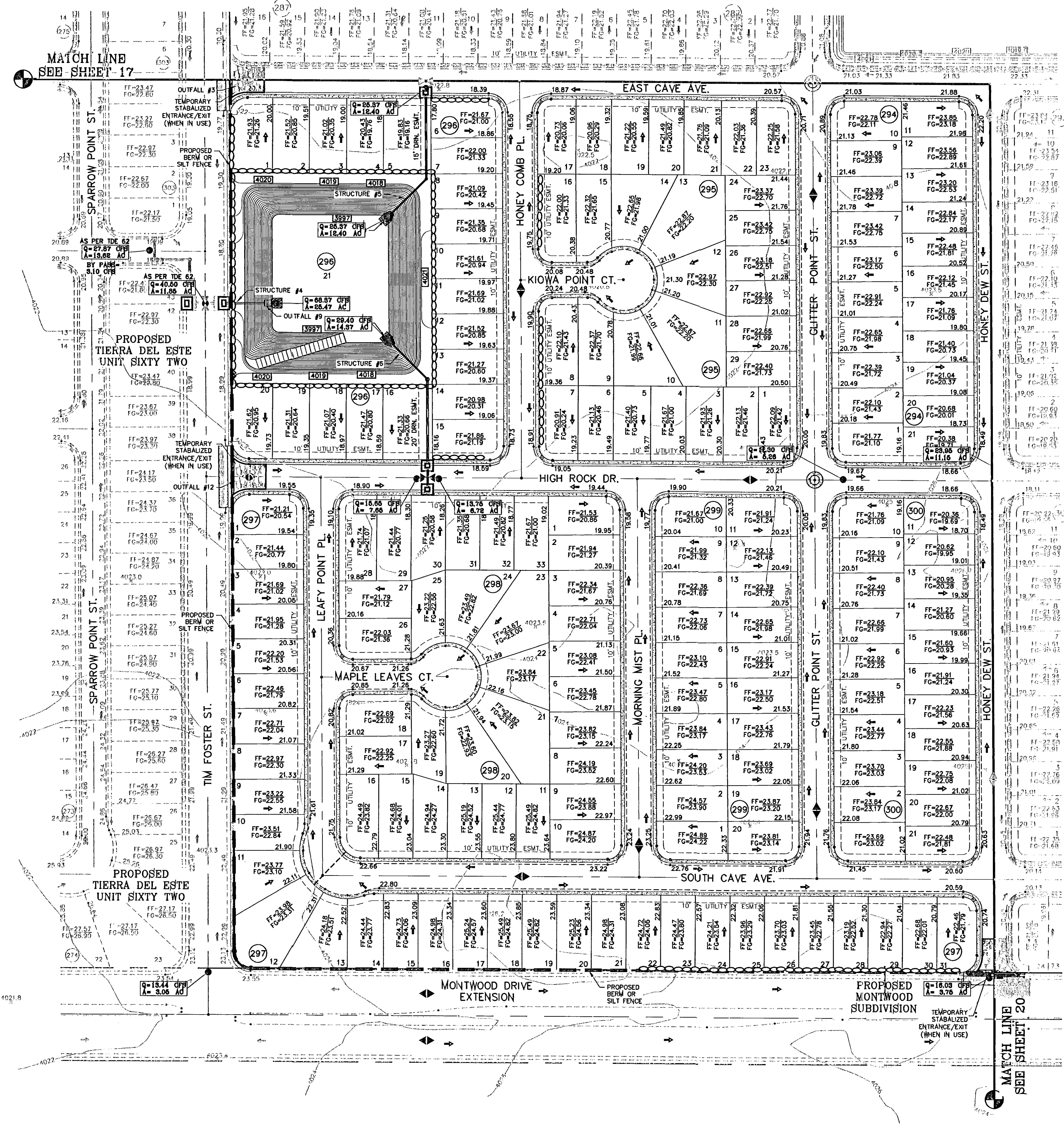
- MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED AND SITE PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES.
- MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE.
- ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
- SPILL AREA SHALL BE WELL VENTILATED AND APPROPRIATE CLOTHING WILL BE WORN.
- ANY SPILL SHALL BE REPORTED TO THE APPROPRIATE GOVERNMENTAL AGENCY.
- MEASURES SHALL BE TAKEN TO PREVENT A SPILL FROM REOCCURRING

VI. MAINTENANCE AND INSPECTION PROCEDURES

ALL POLLUTION PREVENTION MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY 14 DAYS AND FOLLOWING A STORM EVENT OF 0.5 INCHES OR MORE. BEST MANAGEMENT PRACTICES AND POLLUTION CONTROL PROCEDURES SHALL BE INSPECTED FOR ADEQUACY. A RECORD OF THE RESULTS OF THE INSPECTIONS OF THE SITE SHALL BE KEPT ON SITE.

VII. REMARKS

DISPOSAL AREAS, STOCKPILES, AND HAUL ROADS SHALL BE CONSTRUCTED IN A MANNER THAT WILL MINIMIZE AND CONTROL THE AMOUNT OF SEDIMENT THAT MAY ENTER RECEIVING WATERS. CONSTRUCTION STAGING AREAS AND VEHICLE MAINTENANCE AREAS SHALL BE CONSTRUCTED BY THE CONTRACTOR IN A MANNER TO MINIMIZE THE RUNOFF OF POLLUTANTS.



SCALE: 1"=100'

BENCHMARK	NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED "X 1118" P.D. "06014"
REVISIONS	ELEVATION : 3987.12
DATE	04/25/11
CITY	REVISIONS
REVISIONS	CITY REDLINES AS PER 04/18/11 COMMENTS
BY	R.R.

TERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79,
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,
 CONTAINING 139.768 ACRES

PROJECT NAME
 S.C.A.L.E.
 HORIZ: 1"=100'
 VERT: ---
 DATE: SEPT. 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE. 400
 EL PASO, TEXAS 79936

SHEET TITLE
STORM WATER POLLUTION PREVENTION PLAN

SHT 19 OF 82

FILE LOCATION s:_Subdivisions\TDE_64_REVISED.dwg\TDE_64_CDPL PLOTTED ON Tuesday, May 24, 2011 12:44:45 PM BY RUBEN RIVERA

STORM WATER POLLUTION PREVENTION PLAN

GENERAL CONTRACTOR CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT THAT AUTHORIZES STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

SIGNED: _____

TITLE: _____

COMPANY: _____

ADDRESS: _____

TELEPHONE: _____

DATE: _____

OWNER CERTIFICATION

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

OWNER : (SIGNED) _____ DATE _____

OWNER: (NAME) _____

PHONE NUMBER: _____

LEGEND

FF=00.67 FC=00.00	PROPOSED FINISH GROUND AND 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

NOTE:
 HERON DESCRIBED TRACT LIES IN UNSHADED ZONE X, COMMUNITY PANEL NO. 480212 0175B. DATED SEPTEMBER 4, 1991.

SEE SHEET 67-71 OF 82 FOR DRAINAGE STRUCTURES #1-#10.

103176

TIERRA DEL ESTE UNIT SIXTY FOUR

STORM WATER CONTAMINANTS ON SITE

THE FOLLOWING ARE THE POTENTIAL STORM WATER POLLUTANTS (CHECKED ITEMS ONLY):

CLEANING SOLVENTS	X	EQUIP. CLEANING WASTEWATER	
ASPHALT	X	HYDRAULIC OIL/FLUIDS	X
CONCRETE	X	GASOLINE	X
PAINTS	X	DIESEL FUEL	X
CURING COMPOUNDS	X	ANTIFREEZE/COOLANT	X

THE CONTAINMENT AREA FOR THESE ITEMS IS LOCATED: AS SHOWN ON PLAN

THE STAGING AREA FOR THIS SITE IS LOCATED: AS SHOWN ON PLAN

THE PORTABLE TOILET FOR THIS SITE IS LOCATED: AS SHOWN ON PLAN

NON STORM WATER DISCHARGES ON SITE (CHECKED ITEMS ONLY)

FIRE HYDRANT FLUSHING	X	WATER LINE FLUSHING WATER	X
VEHICLE WASH WATER	X	LANDSCAPE IRRIGATION	X
DUST CONTROL WATER	X	PAVEMENT WASH WATERS	X

ALL STAGING AREAS, PORTABLE TOILETS AND POLLUTANT AREAS WILL INCORPORATE SECONDARY CONTAINMENT MEASURES SUCH AS BERMS OR SEDIMENT TRAPS/BARRIERS.

NARRATIVE- SEQUENCE OF CONSTRUCTION (STORM WATER MANAGEMENT) ACTIVITIES:

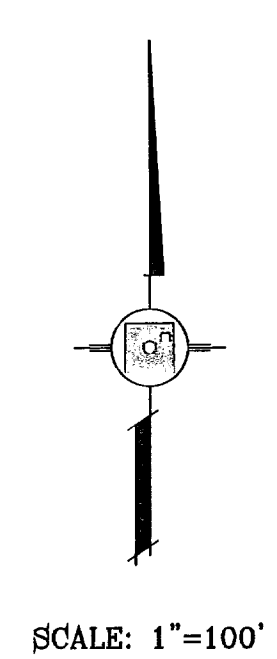
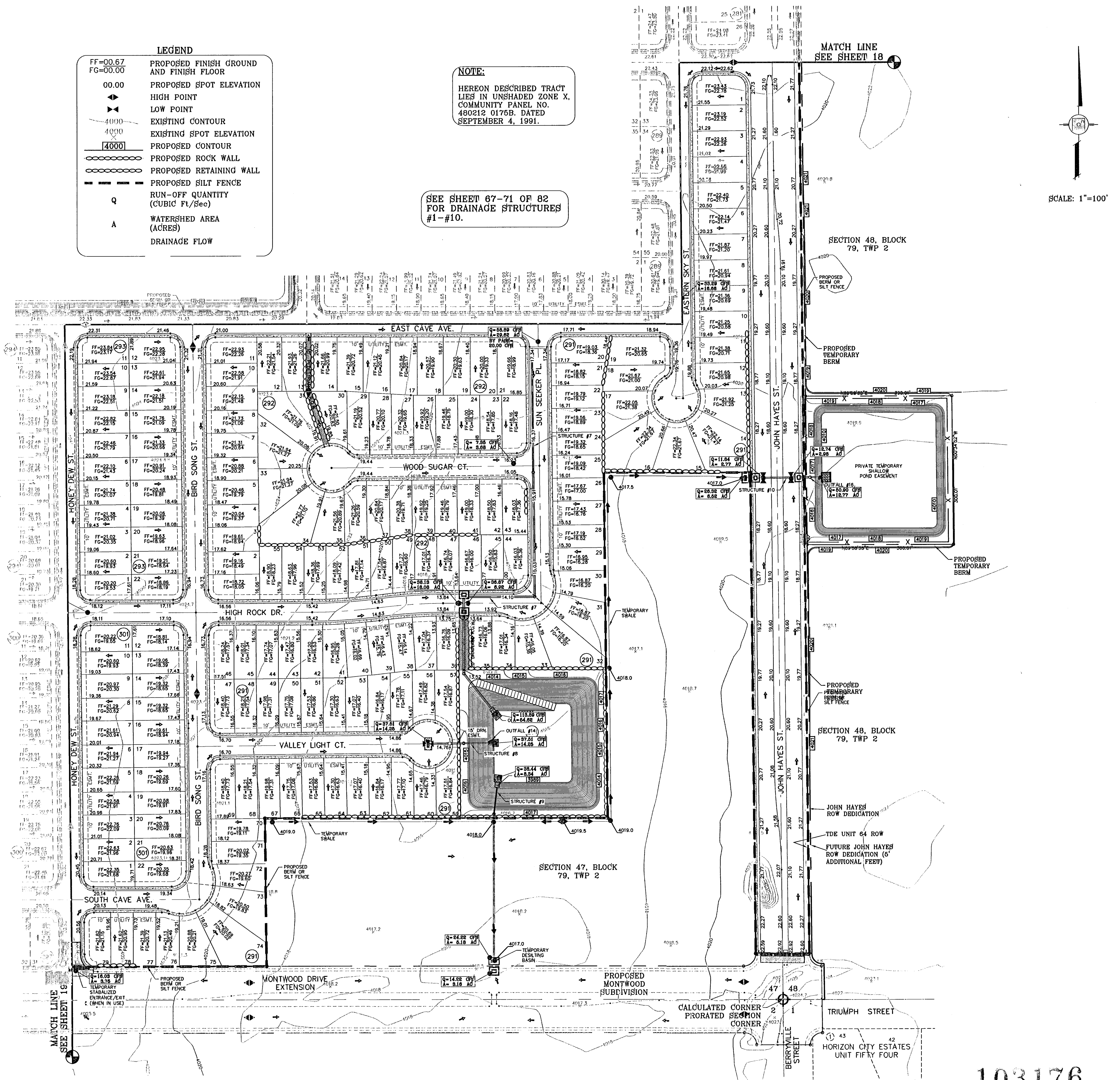
- ESTIMATED BEGINNING CONSTRUCTION DATE: _____
- BEGIN CONSTRUCTION/MOBILIZATION (6 DAYS)
 - INSTALL INITIAL STORMWATER POLLUTION PREVENTIONS (SWPP) MEASURES AS INDICATED ON SWPP PLAN (___ DAYS)
 - CLEAR AND GRUB _____
 - SITE GRADING _____
 - PERFORM PERIODIC INSPECTIONS OF THE SWPP STRUCTURES, PERFORM MAINTENANCE AND REPLACEMENTS AS NEEDED (DURATION OF CONSTRUCTION).
 - EXCAVATION FOR SITE UTILITIES AND STORM SEWER _____
 - CONSTRUCTION OF SITE IMPROVEMENTS AND STORM SEWER _____
 - END CONSTRUCTION - FINAL STABILIZATION, DEMOBILIZATION, REMOVAL OF SWPPP CONTROLS, AND SUBMIT NOTICE OF TERMINATION.
- ESTIMATED CONSTRUCTION COMPETITION DATE: _____

LEGEND

FF=00.67 FG=00.00	PROPOSED FINISH GROUND AND 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

NOTE:
HEREON DESCRIBED TRACT LIES IN UNSHADED ZONE X, COMMUNITY PANEL NO. 400212 0175B, DATED SEPTEMBER 4, 1991.

SEE SHEET 67-71 OF 82 FOR DRAINAGE STRUCTURES #1-#10.



BENCHMARK
NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATION: 20141
ELEVATION: 3867.12

DATE	REVISIONS	BY

PROJECT NAME
**TIERRA DEL ESTE
UNIT SIXTY FOUR**
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS,
CONTAINING 159.768 ACRES

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

DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE. 400
EL PASO, TEXAS 79936

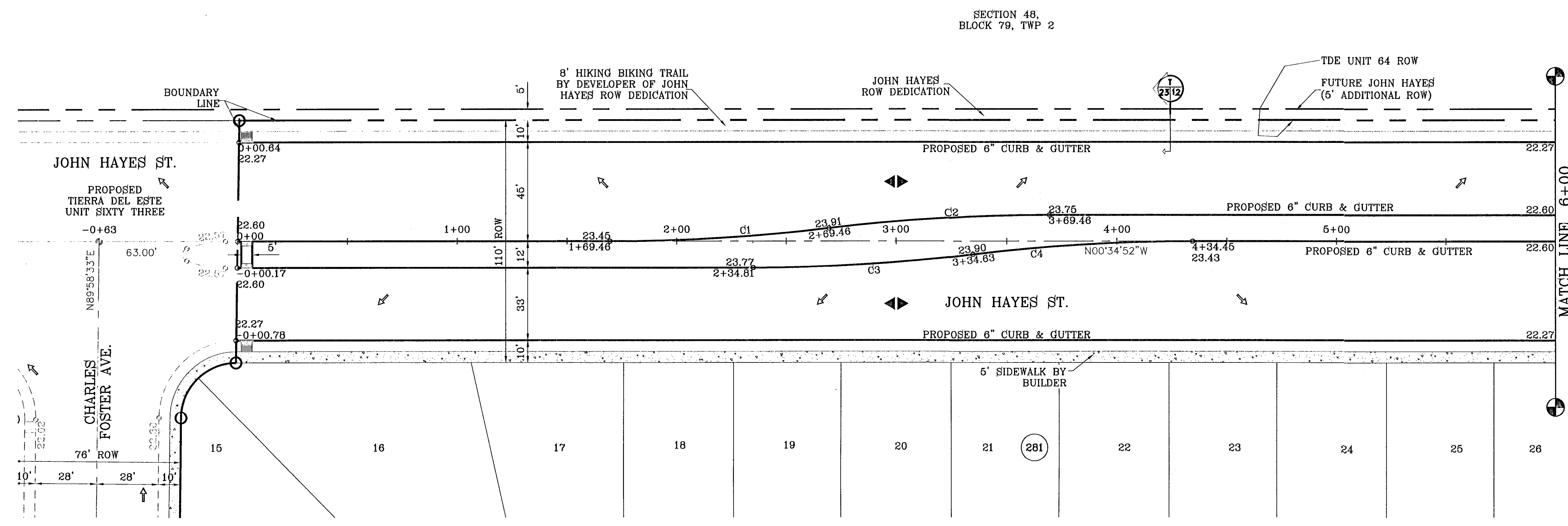
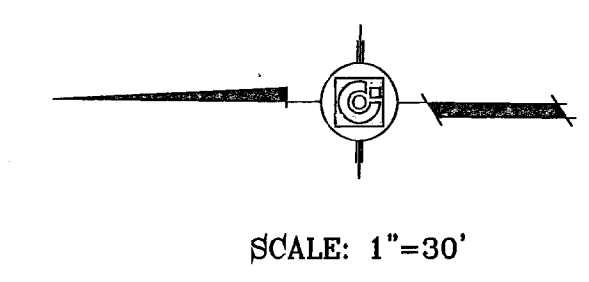
CONDE INC.
REGISTRATION No. F-2321

SHEET TITLE
**STORM
WATER
POLLUTION
PREVENTION
PLAN**

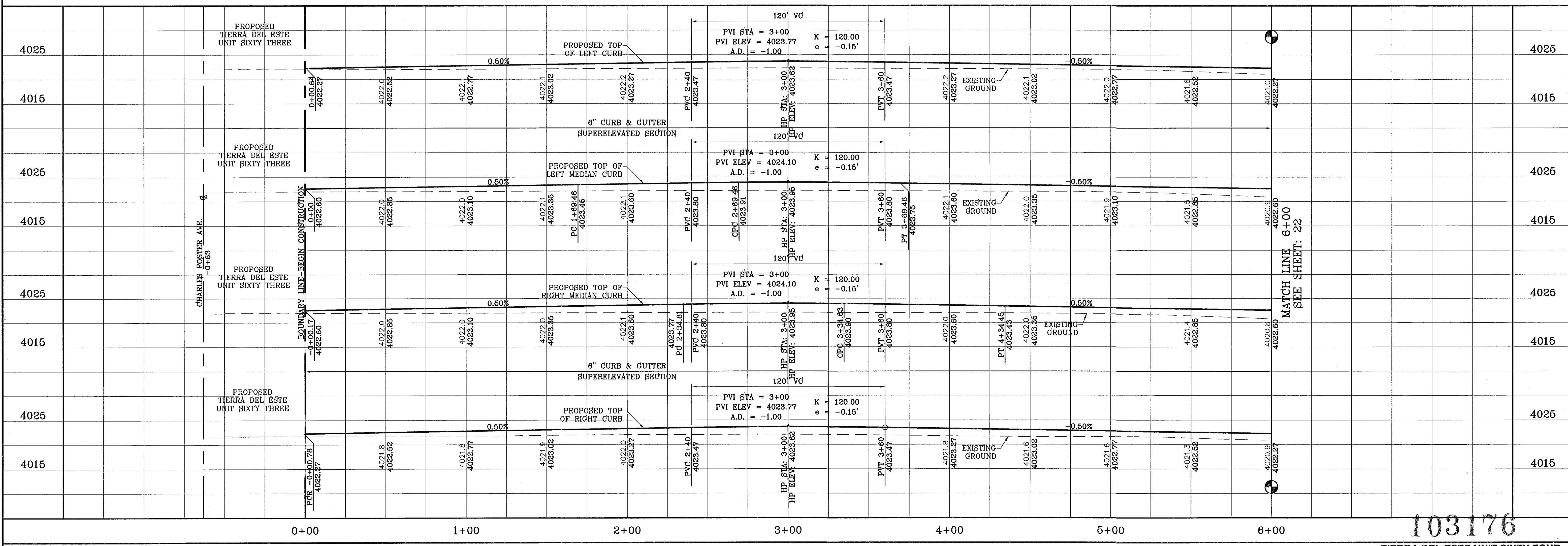
103176
TIERRA DEL ESTE UNIT SIXTY FOUR

SHT 20 OF 82

FILE LOCATION S:\Subdivisions\TDE 64 REVISED.dwg TDE 64 PPI JOHN HAYES PLOTTED ON Tuesday, May 24, 2011 1:00:58 PM BY RUBEN RIVERA



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	836.33	100.24	50.18	100.18	S04°00'53"E	6°52'02"
C2	836.33	100.24	50.18	100.18	N04°00'53"W	6°52'02"
C3	833.33	100.06	50.09	100.00	S04°01'15"E	6°52'47"
C4	833.33	100.06	50.09	100.00	N04°01'15"W	6°52'47"



103176

TIERRA DEL ESTE UNIT SIXTY FOUR

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GFS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79
 TOWNSHIP 10N, RANGE 14E, COUNTY OF PASO COUNTY, TEXAS
 CONTAINING 139,788 ACRES

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

DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.

JOB NO.: 610-41

REVISIONS

DATE	BY	REVISIONS
11/12/10	E.F.G.	MEDIAN REVISIONS AS PER DEVELOPER

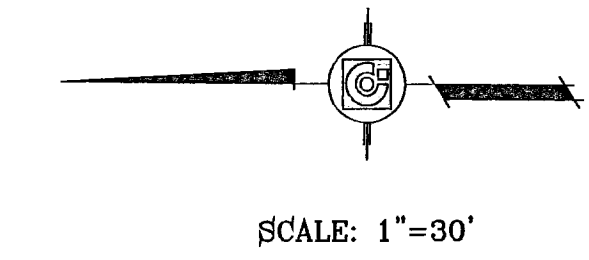
BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED X 1118" PID "CB0141"
 ELEVATION : 3887.12

PROJECT NAME
 TIERRA DEL ESTE UNIT SIXTY FOUR

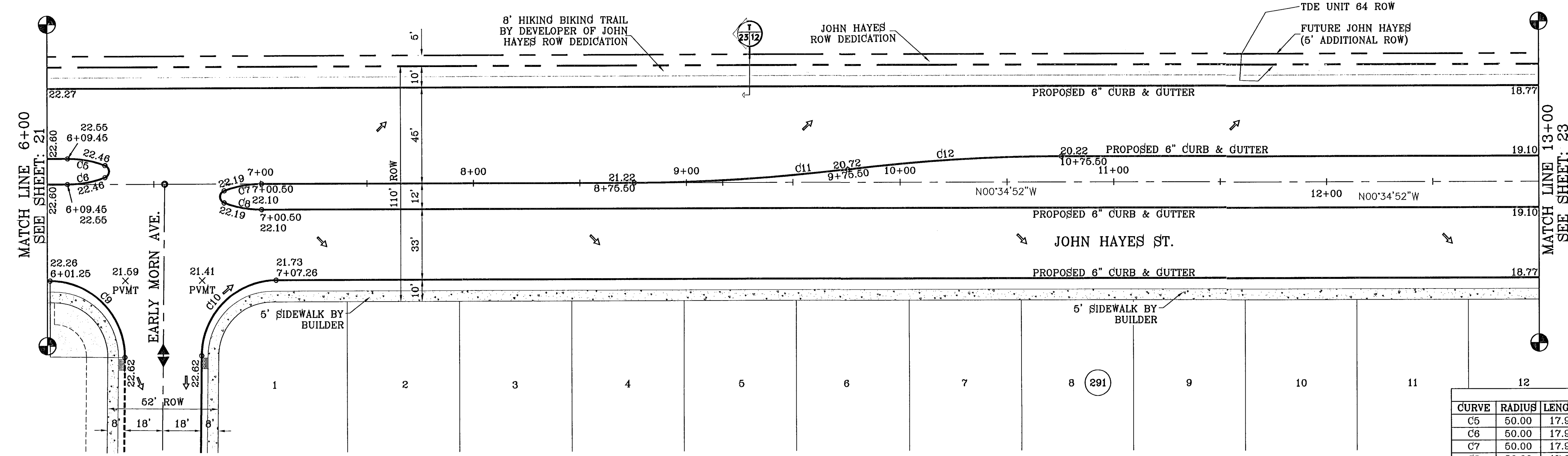
SHEET TITLE
 STREET PLAN-PROFILE
 JOHN HAYES ST.
 STA: 0+00
 TO
 STA: 6+00

SHT 21 OF 82

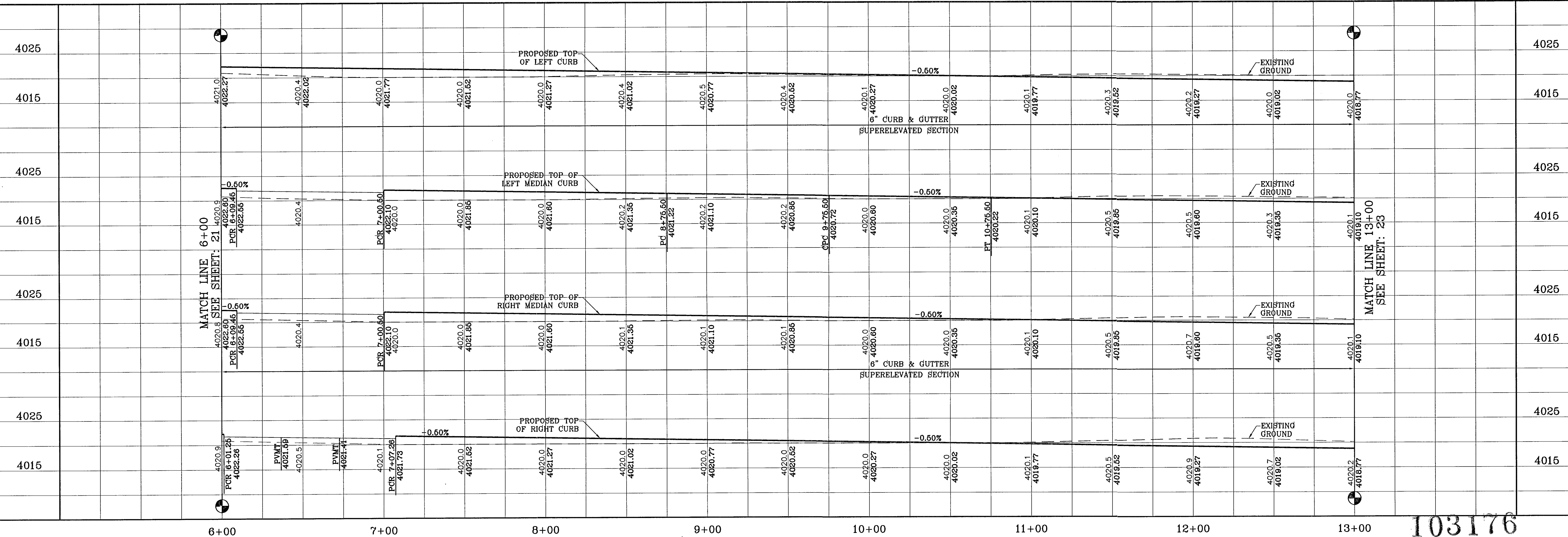
FILE LOCATION S:\Subdivisions\TDE_64_REVISED.dwg\TDE_64-PPI_JOHN HAYES PLOTTED ON Wednesday, June 22, 2011 8:41:52 AM BY RUBEN RIVERA



SECTION 48,
BLOCK 79, TWP 2



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C5	50.00	17.96	9.08	17.86	N09°42'36"E	20°34'55"
C6	50.00	17.96	9.08	17.86	S10°52'20"E	20°34'55"
C7	50.00	17.96	9.08	17.86	N10°52'20"W	20°34'55"
C8	50.00	17.96	9.08	17.86	S09°42'36"W	20°34'55"
C9	35.00	55.32	35.34	49.74	N44°41'50"E	90°33'25"
C10	35.00	54.84	34.66	49.26	N45°18'10"W	89°28'35"
C11	836.33	100.24	60.18	100.18	S04°00'53"E	6°52'02"
C12	836.33	100.24	60.18	100.18	N04°00'53"W	6°52'02"



103176

TIERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK	NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED: 11111111 ELEVATION: 3987.41
REVISIONS	
DATE	11/12/10
BY	DEVELOPER
	MEDIAN & STREET OPENING REVISIONS AS PER E.F.G.

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

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS,
CONTAINING 139.768 ACRES

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

DATE: SEPT. 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

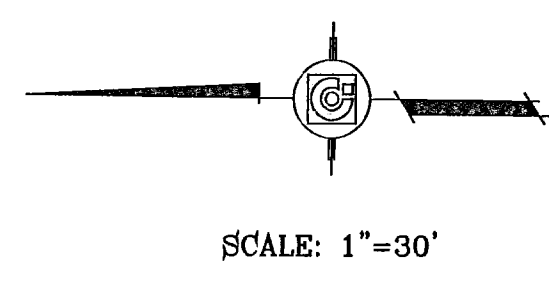
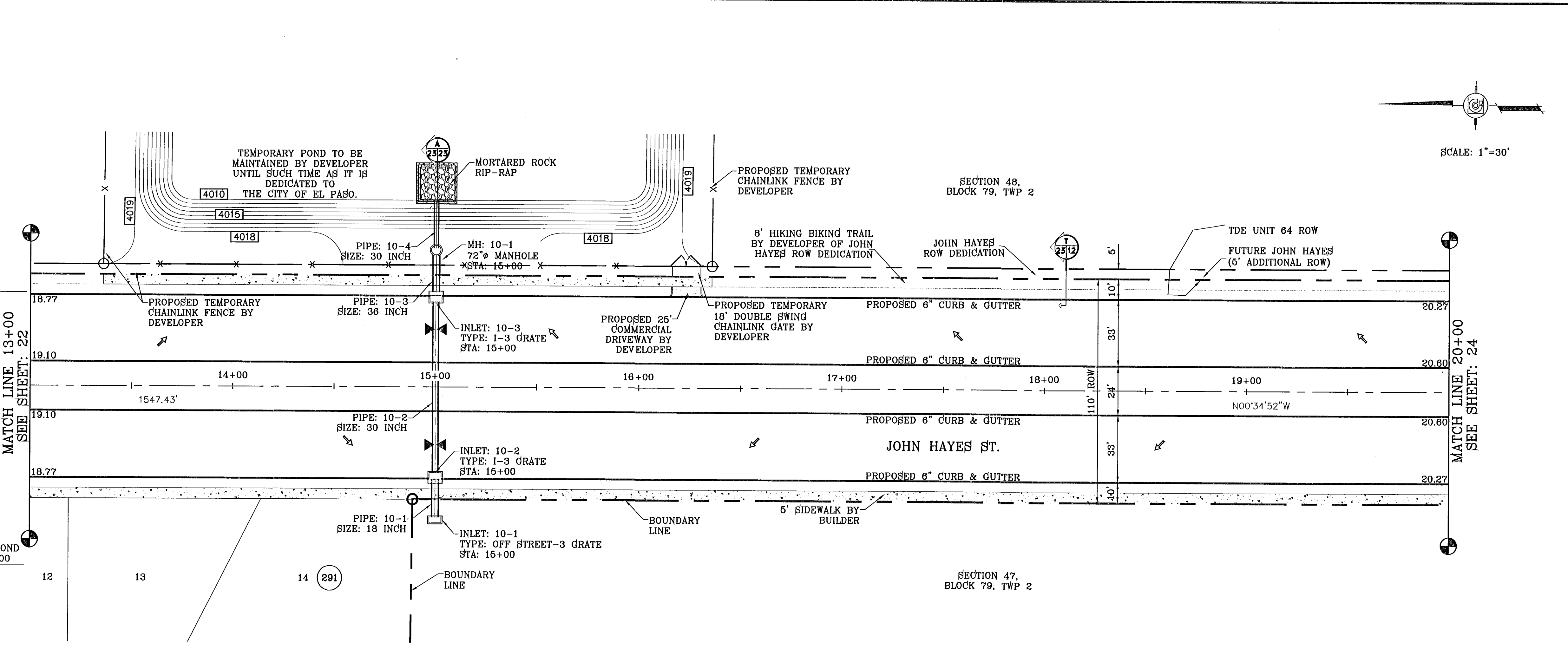
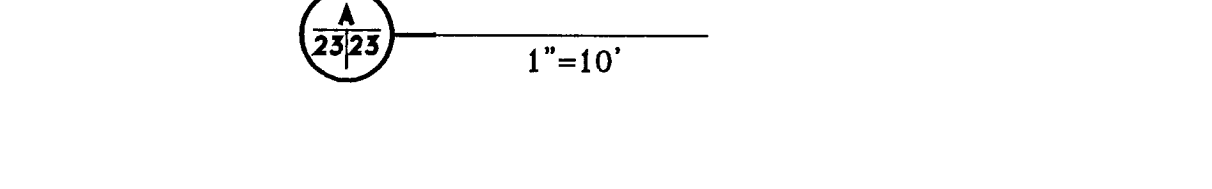
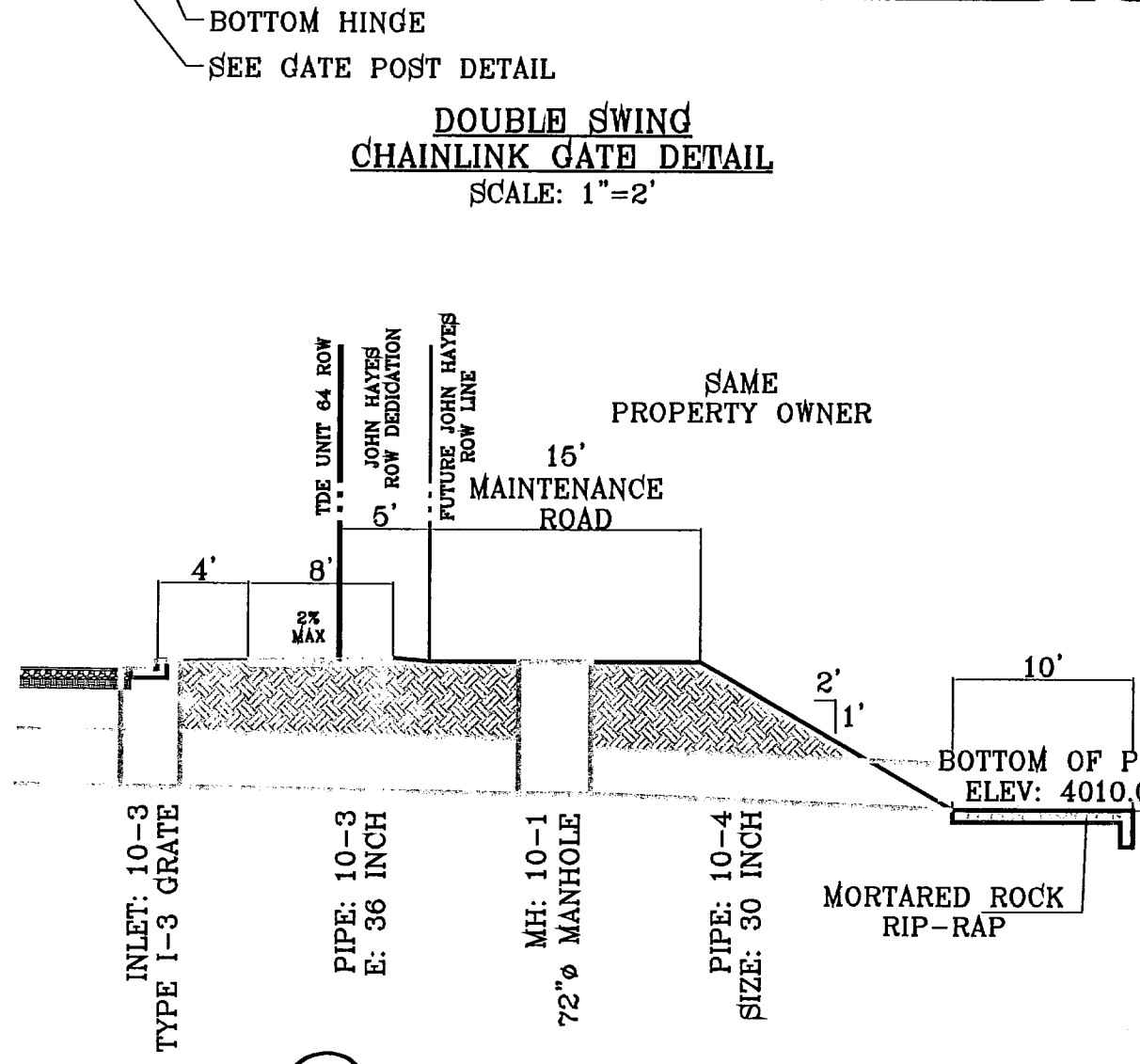
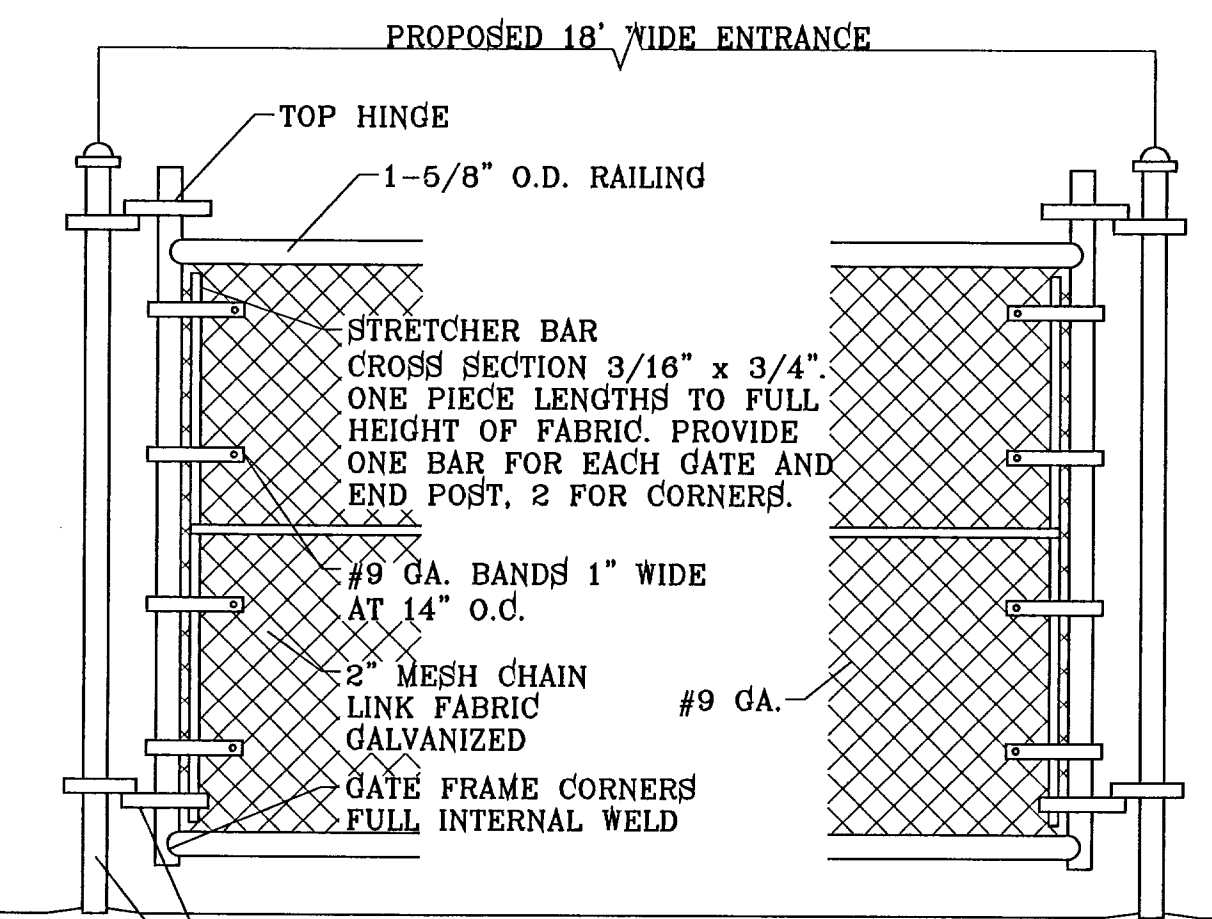


CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TRAVLING STE 400
EL PASO, TEXAS 79968



SHEET TITLE
STREET
PLAN - PROFILE
JOHN HAYES ST.
STA: 6+00
TO
STA: 13+00

FILE LOCATION: S:\Subdivisions\TDE_64_REVISED.dwg\TDE_64-PP1_JOHN HAYES PLOTTED ON Tuesday, May 24, 2011 1:03:14 PM BY RUBEN RIVERA



SEE SHEET 71 FOR DRAINAGE STRUCTURE #10

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	836.33	100.24	50.18	100.18	N04°00'53\"/>	

STATION	ELEVATION	DESCRIPTION	ELEVATION	STATION	ELEVATION
4020	4020.0	EXISTING GROUND	4018.77	4020	4020.0
4010	4020.0	EXISTING GROUND	4018.77	4010	4020.0
4020	4020.0	EXISTING GROUND	4018.77	4020	4020.0
4010	4020.0	EXISTING GROUND	4018.77	4010	4020.0
4020	4020.0	EXISTING GROUND	4018.77	4020	4020.0
4010	4020.0	EXISTING GROUND	4018.77	4010	4020.0
4020	4020.0	EXISTING GROUND	4018.77	4020	4020.0
4010	4020.0	EXISTING GROUND	4018.77	4010	4020.0
4020	4020.0	EXISTING GROUND	4018.77	4020	4020.0
4010	4020.0	EXISTING GROUND	4018.77	4010	4020.0

TIERRA DEL ESTE UNIT SIXTY FOUR

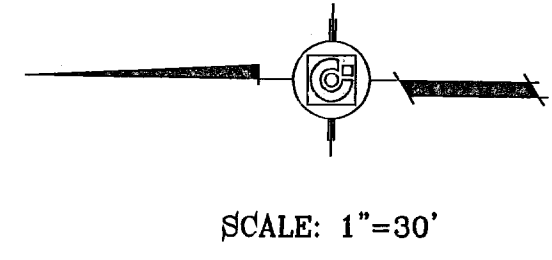
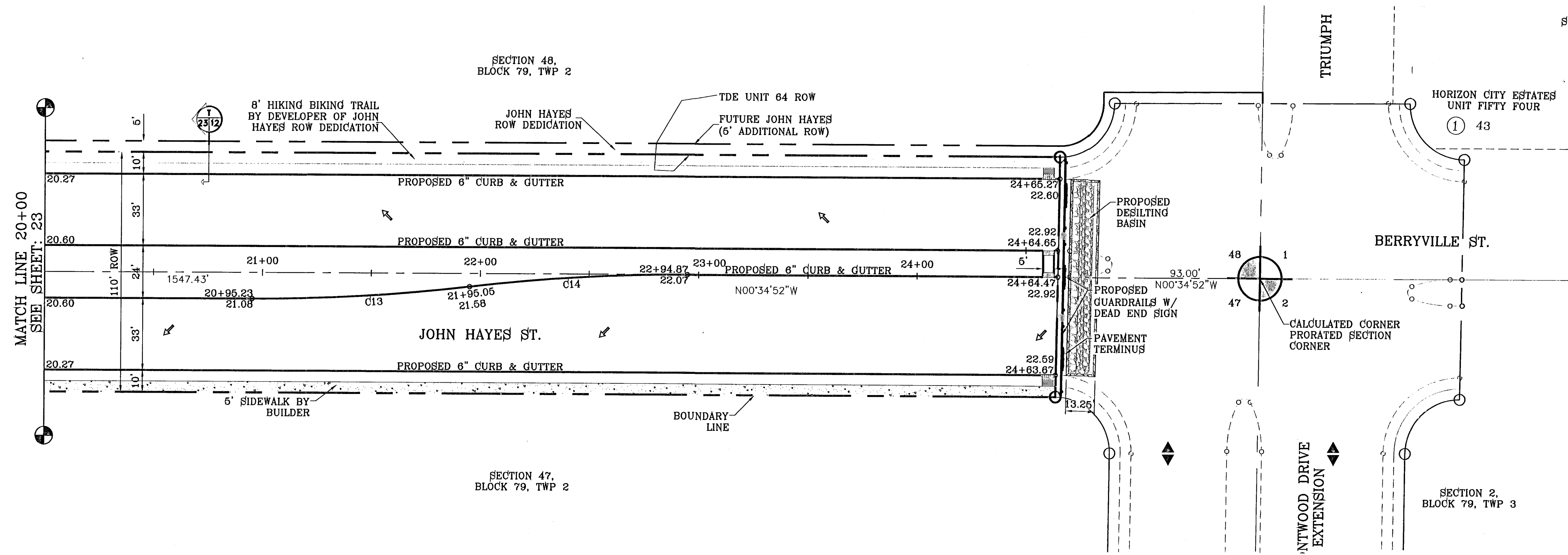
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, RANGE 10, EL PASO COUNTY, TEXAS, CONTAINING 139.768 ACRES.

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / OPS
1790 LEE TREVINO STE. 400
EL PASO, TEXAS 79936

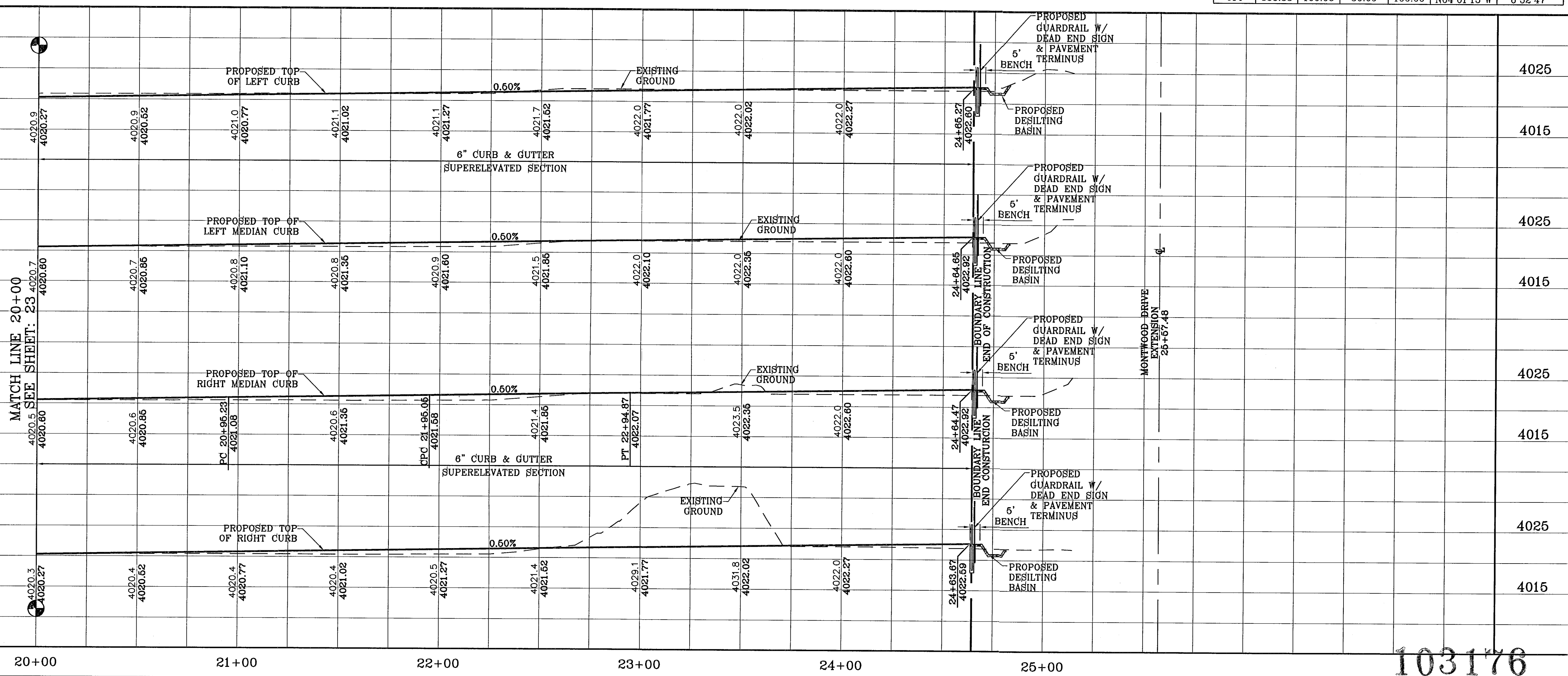
JOHN HAYES ST.
STA: 13+00
TO
STA: 20+00

SHT 23 OF 82

FILE LOCATION S:_Subdivisions\TDE 64 REVISED.dwg\TDE_64-PP1_JOHN HAYES PLOTTED ON Tuesday, May 24, 2011 1:03:42 PM BY RUBEN RIVERA



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C13	833.33	100.06	50.09	100.00	S04°01'15" E	6°52'47"
C14	833.33	100.06	50.09	100.00	N04°01'15" W	6°52'47"



BENCHMARK	NGS MARKER, COPPER-CLAD STEEL ROD DESIGNATED X 1118" PD "C60.41" ELEVATION : 3887.12
REVISIONS	
DATE	
BY	

TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79, TOWNSHIP 2, RANGE 17, COUNTY OF EL PASO, TEXAS. CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 139.768 ACRES.

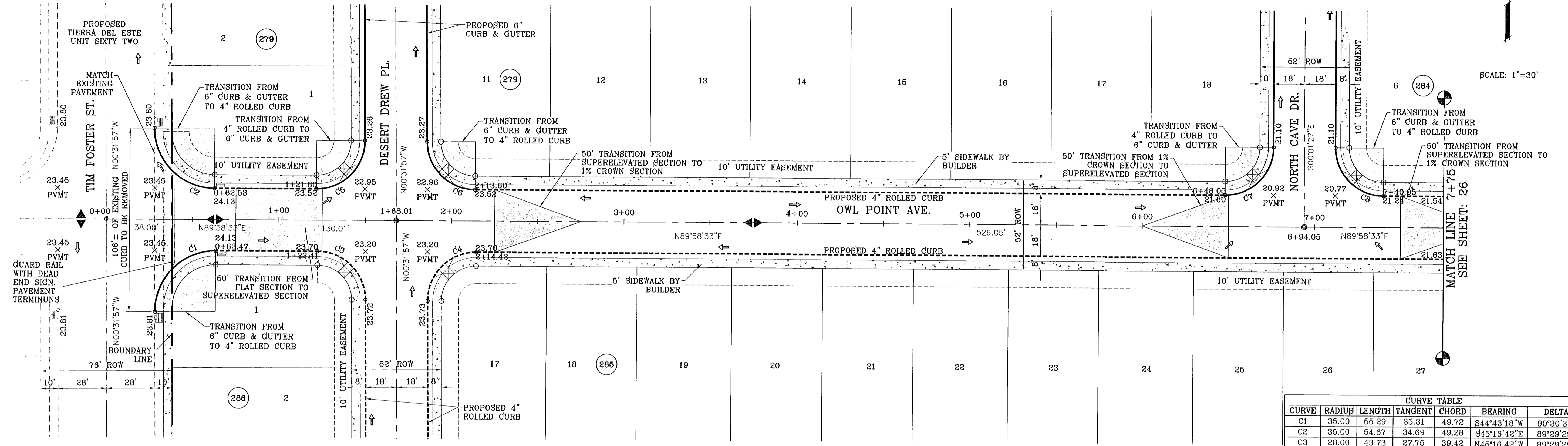
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE. 400
 EL PASO, TEXAS 79936

CONDE INC.
 REGISTRATION No. F-2321

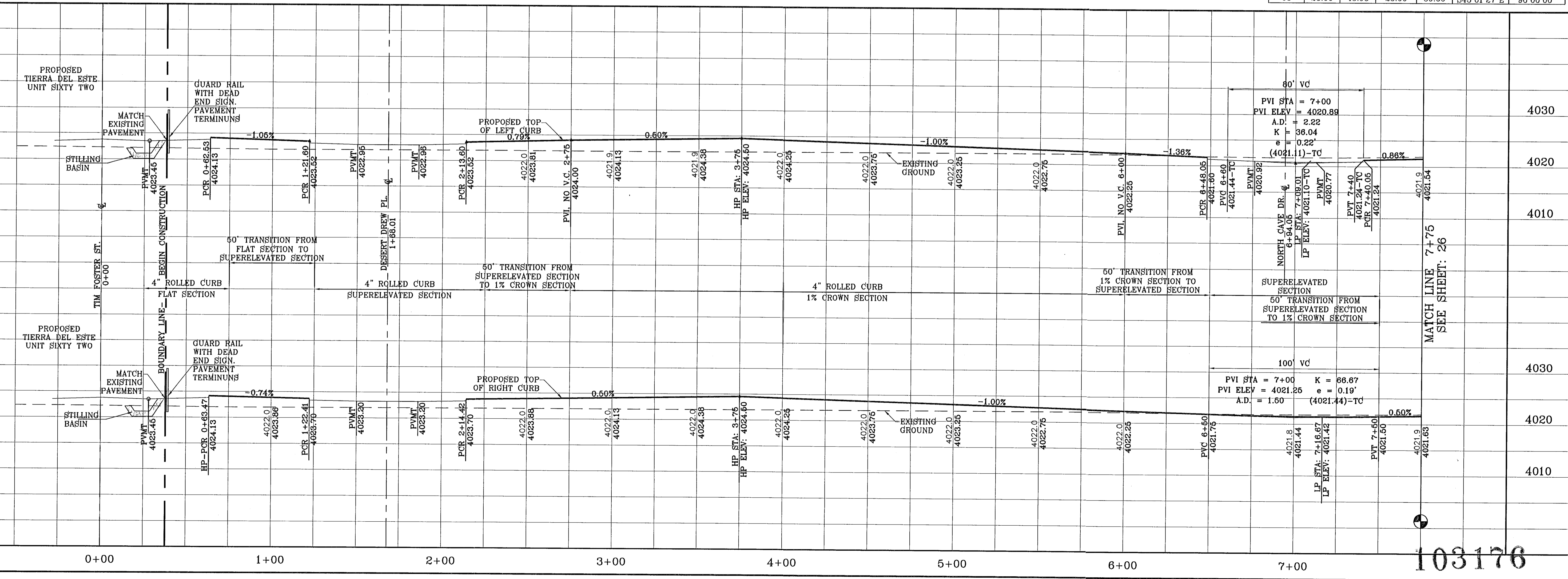
SHEET TITLE
STREET PLAN - PROFILE
JOHN HAYES ST.
 STA: 20+00
 TO
 STA: 24+64.47

103176

S:\PROJECTS\64 REVISIONS\TERRA DEL ESTE UNIT SIXTY FOUR\DWG\64-PP2-OWL POINT PLOTTED ON Thursday, December 02, 2010 10:24:49 AM BY EDGAR GUTIERREZ



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	35.00	55.29	35.31	49.72	S44°43'18"W	90°30'31"
C2	35.00	54.67	34.69	49.28	S45°16'42"E	89°29'29"
C3	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C4	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"
C5	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C6	28.00	43.73	27.75	39.42	S45°16'42"E	89°29'29"
C7	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C8	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"



TERRA DEL ESTE UNIT SIXTY FOUR

PROJECT NAME: TERRA DEL ESTE UNIT SIXTY FOUR
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED: X.1116 CPD, CE0141
 ELEVATION: 3887.12

DATE: 11/24/10
 REVISIONS: CITY REDLINES AS PER 11/15/10 COMMENTS
 BY: E.F.G.

SCALE: 1"=30'
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

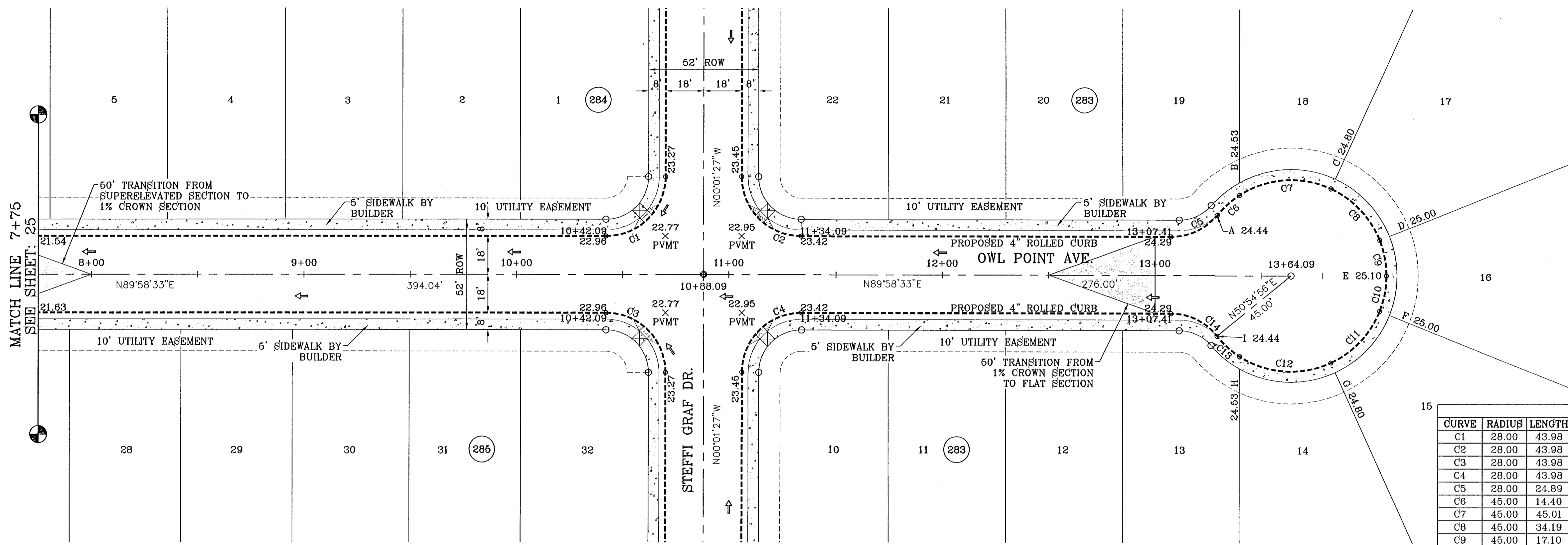
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREWING STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
STREET PLAN - PROFILE

OWL POINT AVE.
 STA: 0+00
 TO
 STA: 7+75

SHT 25 OF 82

S:\EDGAR\DE 64 REVISED\DWG_64-PP2_OWL_POINT_PLOTTED ON Thursday, December 02, 2010 10:25:11 AM. FRONT.dwg
 FILE LOCATION S:\EDGAR\DE 64 REVISED\DWG_64-PP2_OWL_POINT_PLOTTED ON Thursday, December 02, 2010 10:25:11 AM. FRONT.dwg



SCALE: 1"=30'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C2	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C3	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C4	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"
C5	28.00	24.89	13.34	24.08	N64°30'21"E	50°56'23"
C6	45.00	14.40	7.26	14.34	S48°12'07"W	18°19'54"
C7	45.00	45.01	24.59	43.15	S86°01'12"W	57°18'16"
C8	45.00	34.19	17.97	33.38	N43°33'35"W	43°32'09"
C9	45.00	17.10	8.65	16.99	N10°54'29"W	21°46'04"
C10	45.00	17.10	8.65	16.99	N10°51'35"E	21°46'04"
C11	45.00	34.19	17.97	33.38	N43°30'42"E	43°32'09"
C12	45.00	45.01	24.59	43.15	S86°04'06"E	57°18'16"
C13	45.00	14.40	7.26	14.34	S48°15'01"E	18°19'54"
C14	28.00	24.89	13.34	24.08	N64°33'15"W	50°56'23"



103176

TIERRA DEL ESTE UNIT SIXTY FOUR

PROJECT NAME
 TIERRA DEL ESTE UNIT SIXTY FOUR

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

DATE SEPT 2010
DESIGN BY Y.C.
INITIATED BY E.F.G.
CHECKED BY Y.C.
JOB NO. 610-41

ENGINEER'S SEAL

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
 STREET
 PLAN-PROFILE

OWL POINT AVE.
 STA: 7+75
 TO
 STA: 13+79.09

REVISIONS

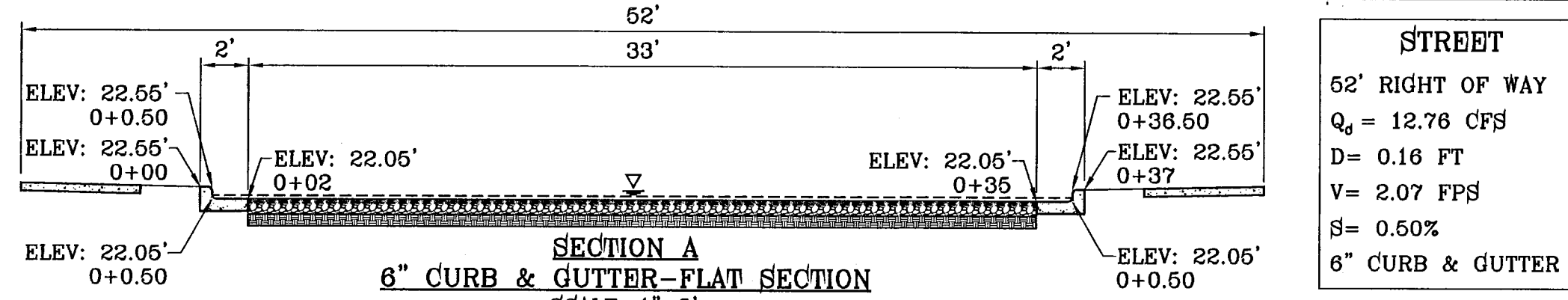
NO.	DATE	BY	REVISIONS

BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED X 1118" BD 730141"
 ELEVATION: 3887.12

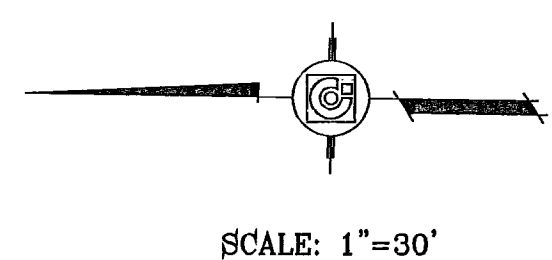
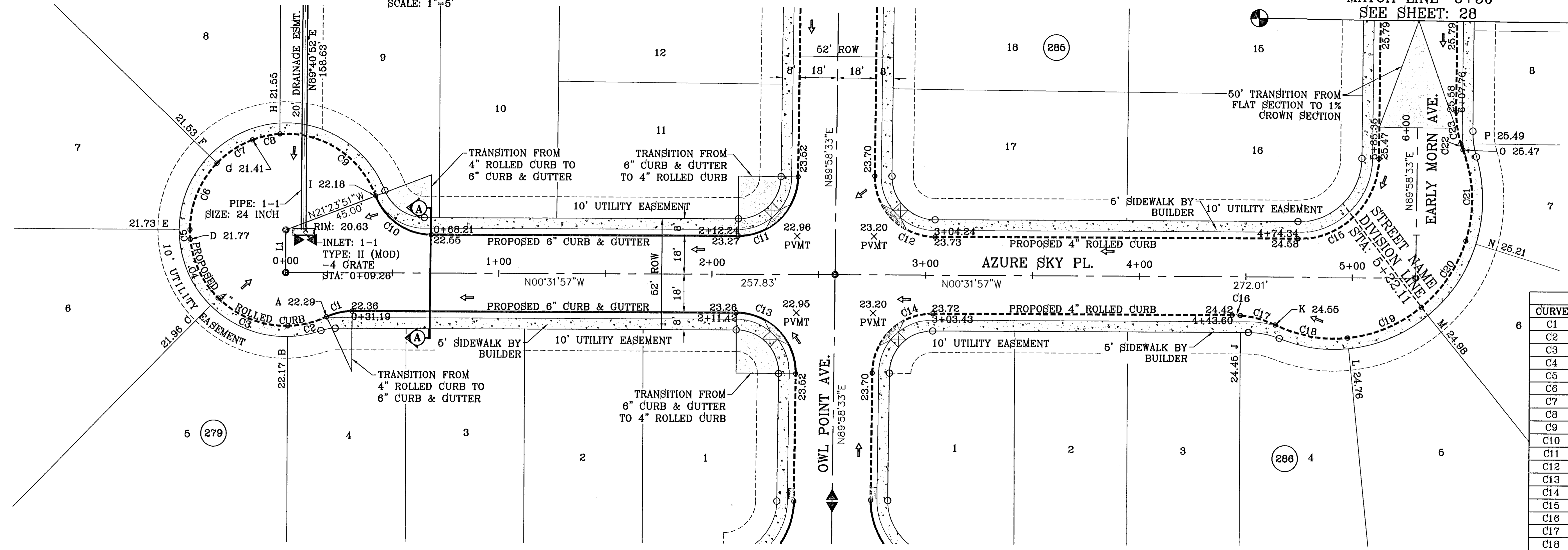
**BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
 TOWNSHIP 2, TEXAS AND RANGE 14, PLANO COUNTY, TEXAS,
 CONTAINING 138.768 ACRES**

SHT 26 OF 82

FILE LOCATION S:\Subdivisions\TDE 64 REVISED.dwg\TDE 64-PP3-AZURE SKY-EARLY MORN PLOTTED ON Tuesday, May 24, 2011 1:05:37 PM BY RUBEN RIVERA



STREET
 62' RIGHT OF WAY
 $Q_u = 12.76$ CFS
 $D = 0.16$ FT
 $V = 2.07$ FPS
 $S = 0.60\%$
 6" CURB & GUTTER



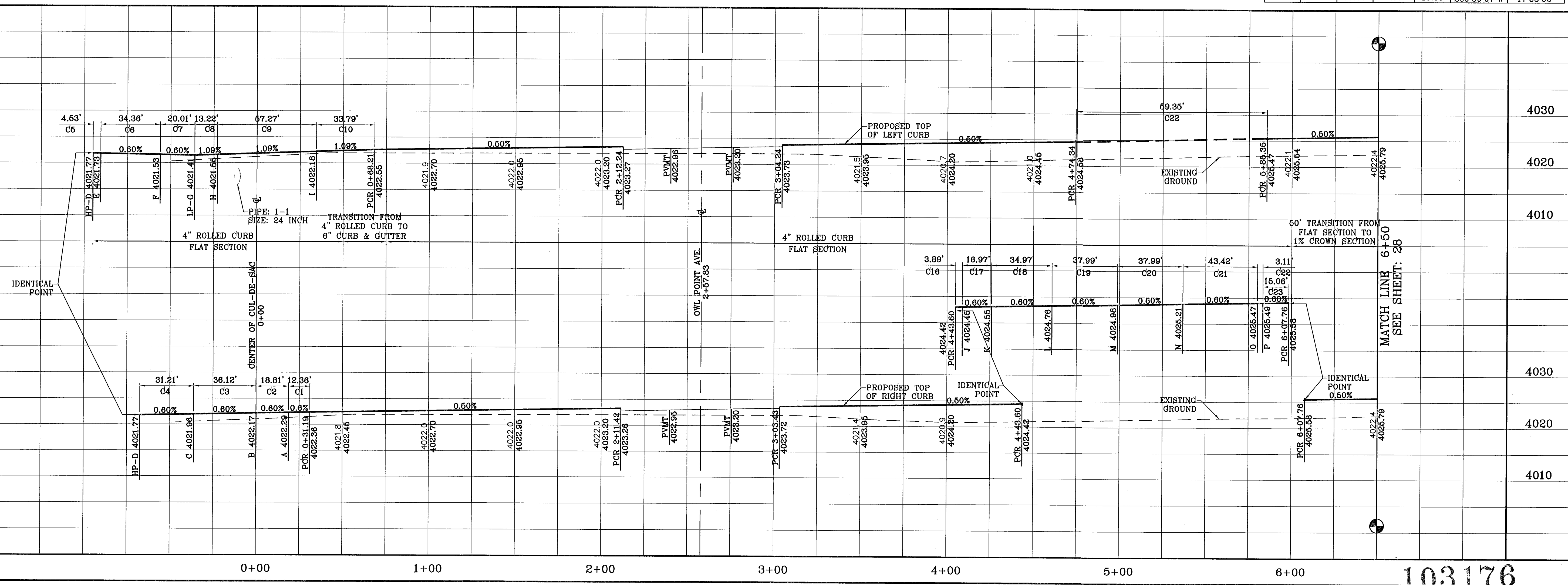
LINE TABLE

LINE	LENGTH	BEARING
L1	20.00	S89°28'03\"W

CURVE TABLE

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	12.36	6.28	12.26	N13°10'51\"W	25°17'47\"
C2	45.00	18.81	9.54	18.67	S13°51'28\"E	23°56'37\"
C3	45.00	36.12	19.10	36.18	S21°06'39\"W	45°59'33\"
C4	45.00	31.21	16.28	30.59	S63°58'37\"W	39°44'24\"
C5	45.00	4.53	2.27	4.53	S86°43'54\"W	5°46'10\"
C6	45.00	34.38	18.07	33.63	N68°30'31\"W	43°45'00\"
C7	45.00	20.01	10.17	19.85	N33°53'37\"W	25°28'49\"
C8	45.00	13.22	6.66	13.17	N12°44'15\"W	16°49'54\"
C9	45.00	67.27	33.25	63.49	N32°08'25\"E	72°55'27\"
C10	28.00	33.79	19.29	31.77	S34°02'06\"W	69°08'07\"
C11	28.00	43.73	27.75	39.42	S45°16'42\"E	89°29'29\"
C12	28.00	44.23	28.25	39.77	S44°43'18\"W	90°30'31\"
C13	28.00	44.23	28.25	39.77	N44°43'18\"E	90°30'31\"
C14	28.00	43.73	27.75	39.42	N45°16'42\"W	89°29'29\"
C15	38.00	59.35	37.66	53.50	S45°16'42\"E	89°29'29\"
C16	48.00	3.89	1.95	3.89	N01°47'19\"E	4°38'32\"
C17	48.00	16.97	8.57	16.88	N14°14'10\"E	20°15'10\"
C18	65.00	34.97	17.92	34.55	S08°56'58\"W	30°49'34\"
C19	65.00	37.99	19.55	37.45	S23°12'25\"E	33°29'10\"
C20	65.00	37.99	19.55	37.45	S56°41'35\"E	33°29'10\"
C21	65.00	43.42	22.56	42.62	N87°25'31\"E	38°16'37\"
C22	48.00	3.11	1.55	3.11	S70°08'27\"W	3°42'29\"
C23	48.00	16.06	7.59	15.00	S80°59'07\"W	17°58'52\"

SEE SHEET 67 FOR DRAINAGE STRUCTURE #1



REVISIONS

DATE	BY	COMMENTS
XX/XX/XX	XX/XX/XX	CITY REDLINES AS PER XX/XX/XX COMMENTS

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2 N, RANGE 10 E, COUNTY OF EL PASO, TEXAS, CONTAINING 139.768 ACRES

ENGINEER'S SEAL

CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS
 1790 LEE TREVINO STE. 400 EL PASO, TEXAS 79936

DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

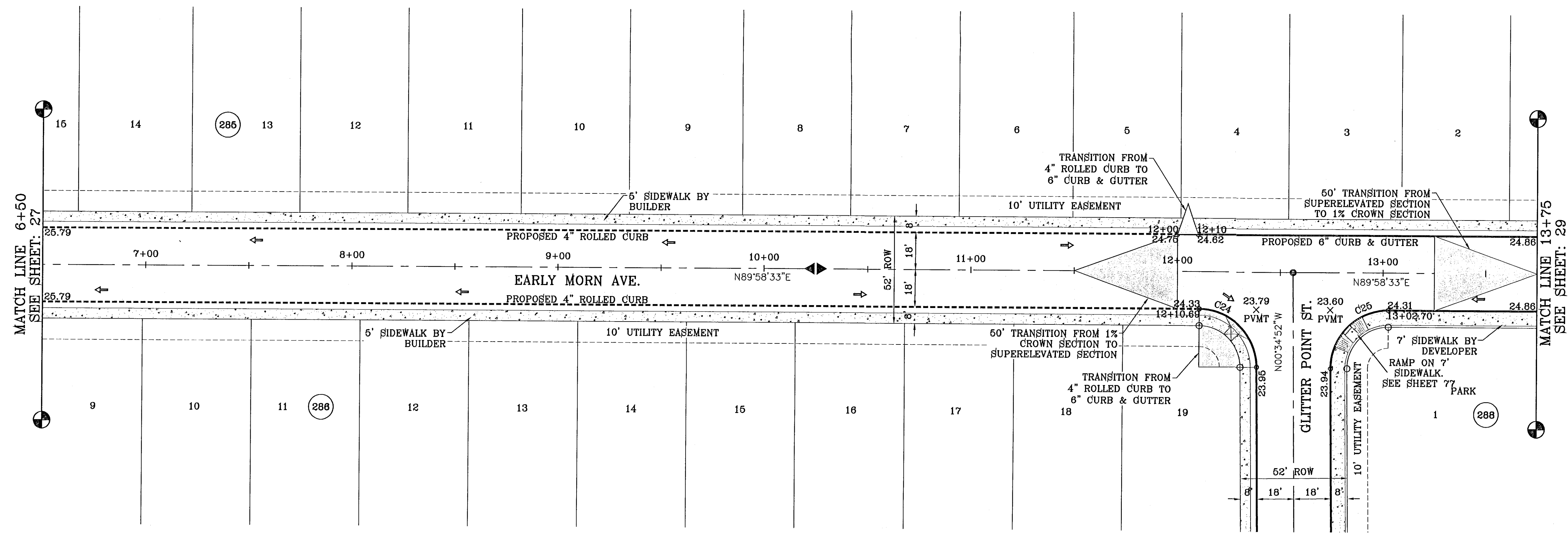
SHEET TITLE
STREET PLAN - PROFILE
AZURE SKY PL. & EARLY MORN AVE.
 STA: 0+00 TO 6+50

103176

TIERRA DEL ESTE UNIT SIXTY FOUR

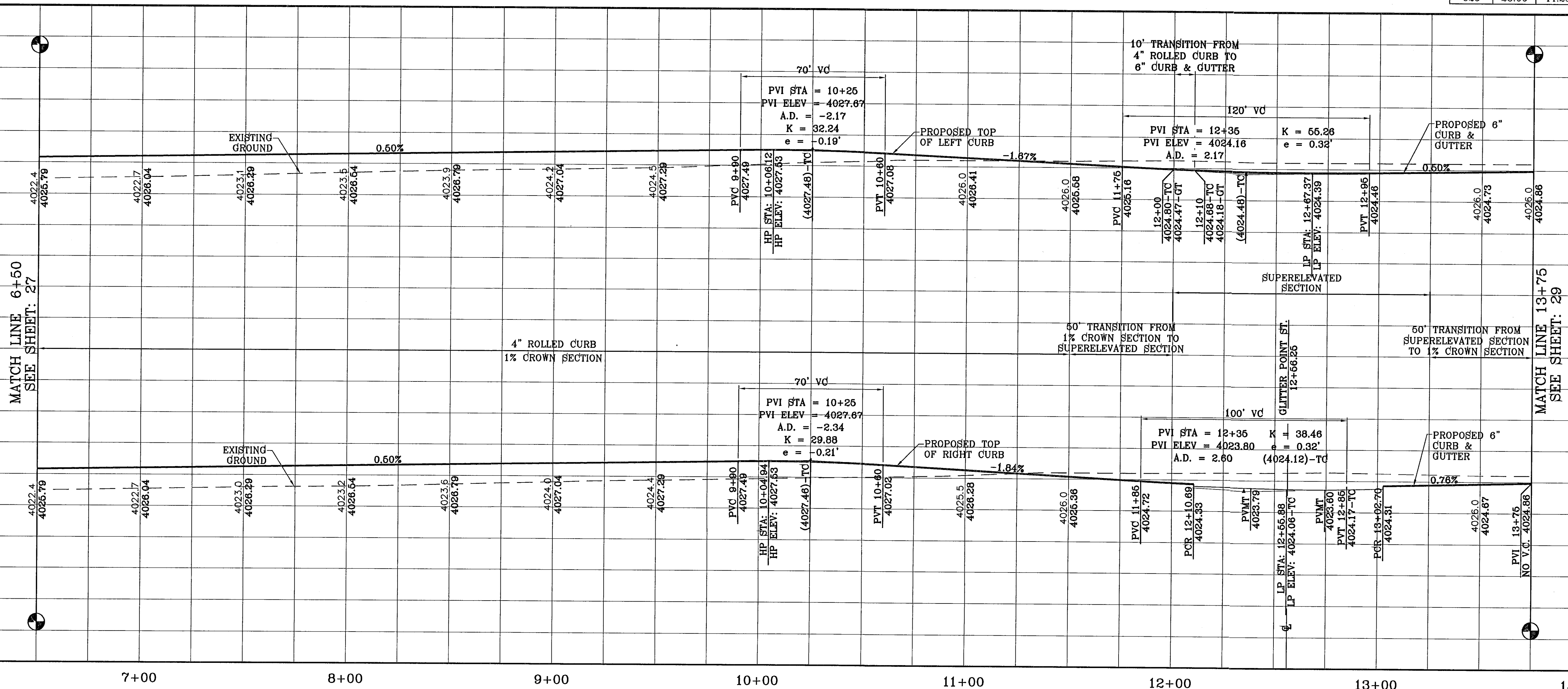
SHT 27 OF 82

FILE LOCATION S:\Subdivisions\TDE_64_REVISED.dwg\TDE_64_PPS_AZURE_SKY-EARLY MORN PLOTTED ON Tuesday, May 24, 2011 1:08:28 PM BY RUBEN RIVERA



SCALE: 1"=30'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C24	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"
C25	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"



103176

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR

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

DATE: SEPT 2010
DESIGN BY: Y.C.G.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL
STATE OF TEXAS
CONDE INC. 64548
REGISTERED PROFESSIONAL ENGINEER

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1700 LEE TREWING STE 400
EL PASO, TEXAS 79936

SHEET TITLE
STREET
PLAN-PROFILE

EARLY MORN AVE.
STA: 6+50
TO
STA: 13+75

REVISIONS

DATE	BY	COMMENTS
11/24/10		CITY REDLINES AS PER 11/15/10 COMMENTS

BENCHMARK
NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED X 1118" PID "C00141"
ELEVATION: 3887.12

REVISIONS

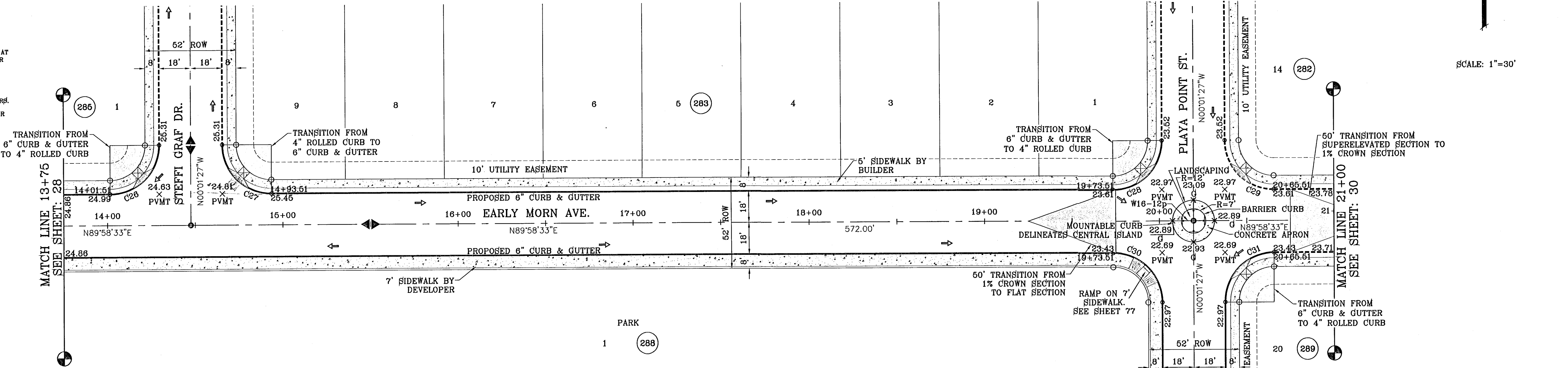
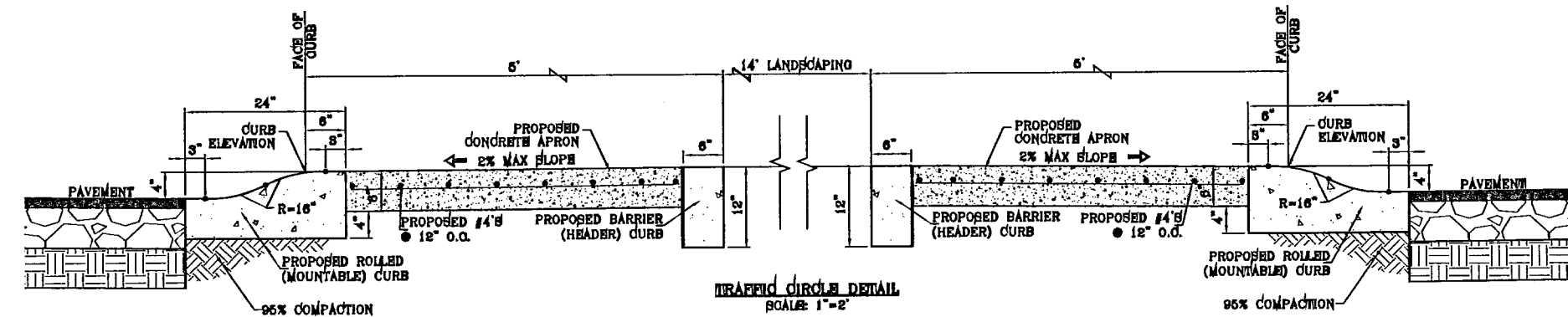
DATE	BY	COMMENTS
11/24/10		CITY REDLINES AS PER 11/15/10 COMMENTS

DESCRIPTION
BRING A PORTION OF SECTIONS 47 AND 48 BLOCK 70
TOWNSHIP 2 TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS
CONTAINING 139.768 ACRES

FILE LOCATION S:\Subdivisions\TDE 64 REVISED.dwg TDE_64-PP3_AZURE SKY-EARLY MORN PLOTTED ON Tuesday, May 24, 2011 1:08:09 PM BY RUBEN RIVERA

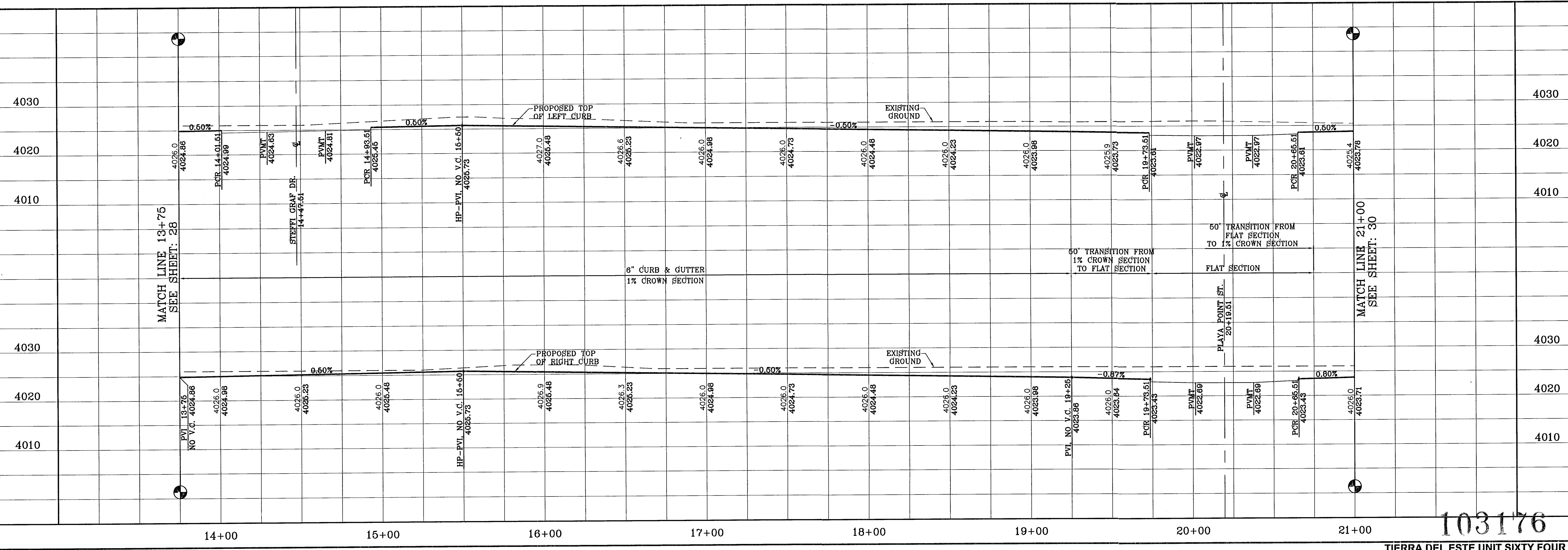
NOTES

1. CONCRETE TO BE 3000 PSI MIN.
2. DUMMY JOINT REQUIRED AT 10' O.C. FOR HEADERS AND 6' O.C. FOR SIDEWALKS.
3. EXPANSION MATERIAL REQUIRED AT CURB RETURNS AND AT 20' O.C. FOR SIDEWALKS WITH 1/2" PREMOLDED ASPHALT IMPREGNATED EXPANSION MATERIAL OR EQUAL.
4. EXPANSION JOINTS REQUIRED AT 60' O.C. WHEN FORMING FOR HEADERS.
5. EXPANSION JOINTS REQUIRED FOR SIDEWALK AT 20' O.C.



SCALE: 1"=30'

CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	CHORD
C26	28.00	43.98	28.00	39.60
C27	28.00	43.98	28.00	39.60
C28	28.00	43.98	28.00	39.60
C29	28.00	43.98	28.00	39.60
C30	28.00	43.98	28.00	39.60
C31	28.00	43.98	28.00	39.60



103176

BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED "X 1118" PID "CE0141"
ELEVATION	9967.12
REVISIONS	BY
DATE	COMMENTS
04/25/11	CITY REDLINES AS PER 04/18/11
	R.R.

TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 76, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 198.768 ACRES

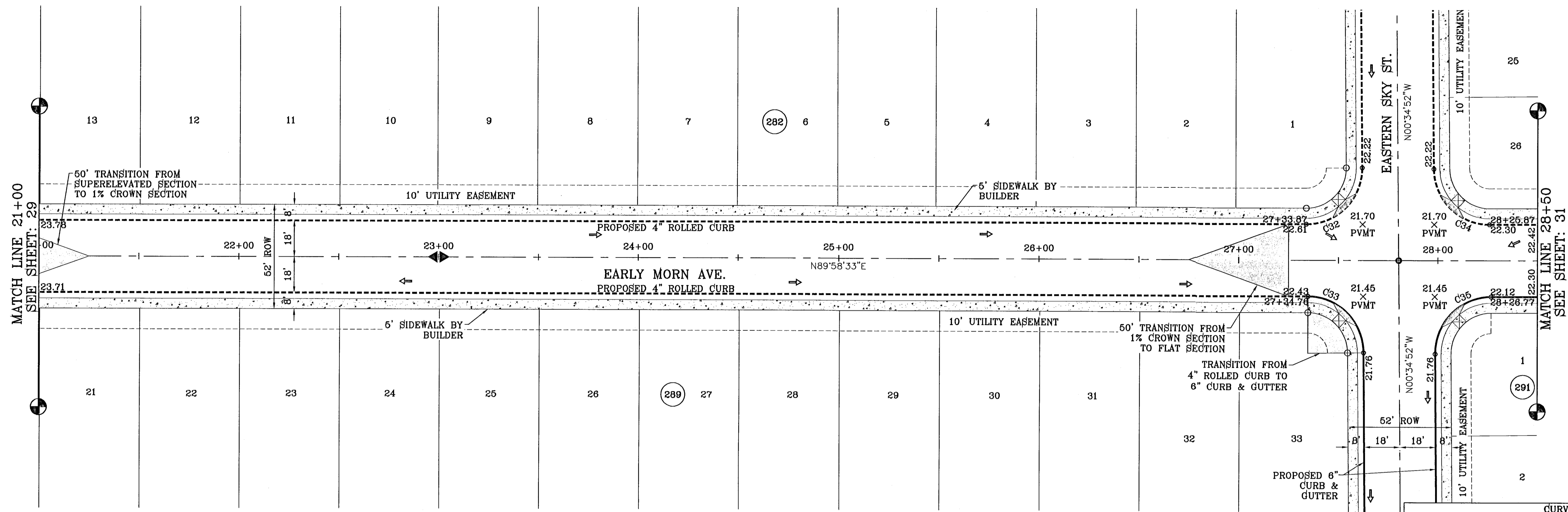
SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.E.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

ENGINEER'S SEAL

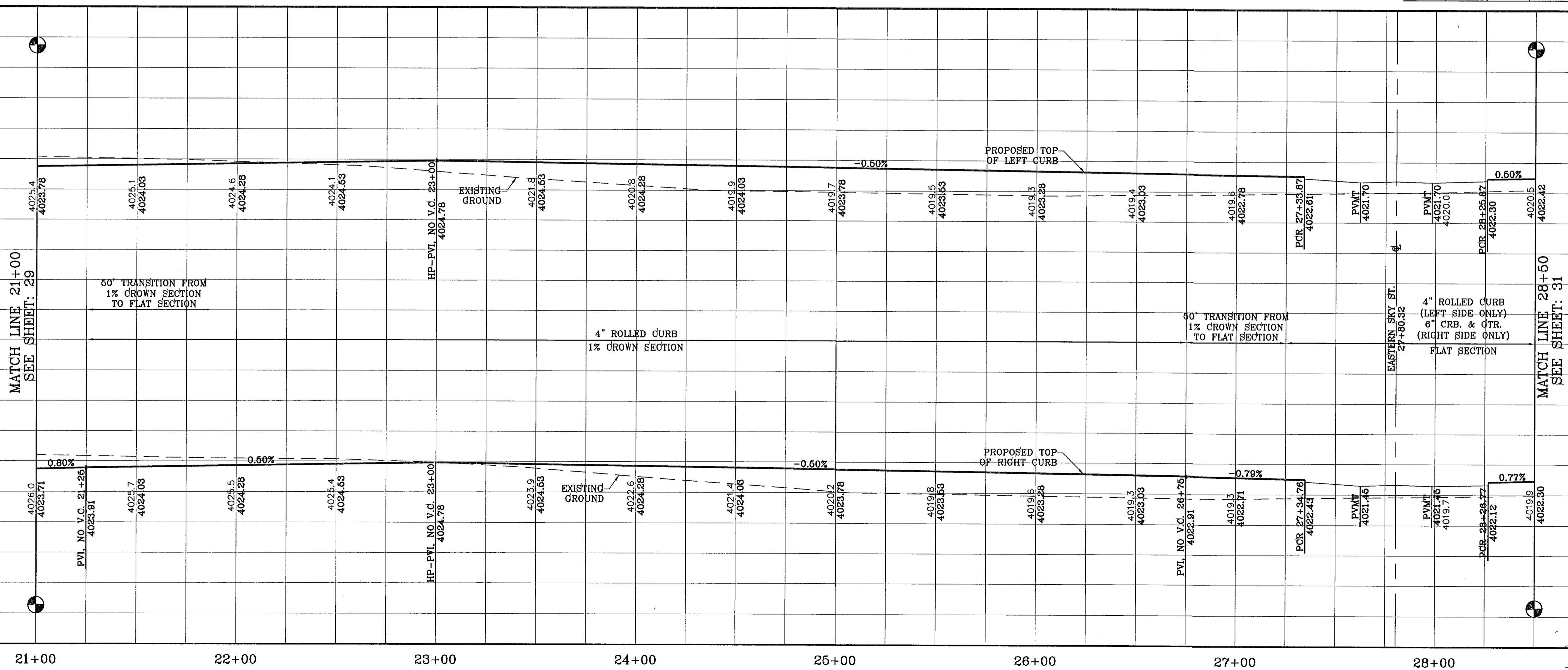
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TRAVLING STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
STREET PLAN - PROFILE
EARLY MORN AVE.
 STA: 13+75
 TO
 STA: 21+00
SHT 29 OF 82

FILE LOCATION S:_Subdivisions\TDE_64_REVISED\dwg\TDE_64_PPS_AZURE SKY-EARLY MORN PLOTTED ON Tuesday, May 24, 2011 1:09:12 PM BY RUBEN RIVERA



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C32	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C33	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"
C34	28.00	43.71	27.73	39.41	S45°18'10"E	89°26'35"
C35	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"



**TIERRA DEL ESTE
UNIT SIXTY FOUR**

BENCHMARK
NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED "X 1118" PID "CE0141"
ELEVATION: 9867.12

REVISIONS
DATE: 11/12/10 BY: STREET EXTENSION AS PER DEVELOPER E.F.G.
DATE: 04/25/11 BY: CITY REDLINES AS PER 04/18/11 COMMENTS R.R.

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR
BEING A PORTION OF SECTIONS 17 AND 18 BLOCK 79
TOWNSHIP 2, TARRANT COUNTY, TEXAS
CITY OF EL PASO, EL PASO COUNTY, TEXAS
CONTAINING 138.768 ACRES

SCALE
HORIZ: 1"=30'
VERT: 1"=10'
DATE: SEPT. 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936

SHEET TITLE
STREET
PLAN-PROFILE

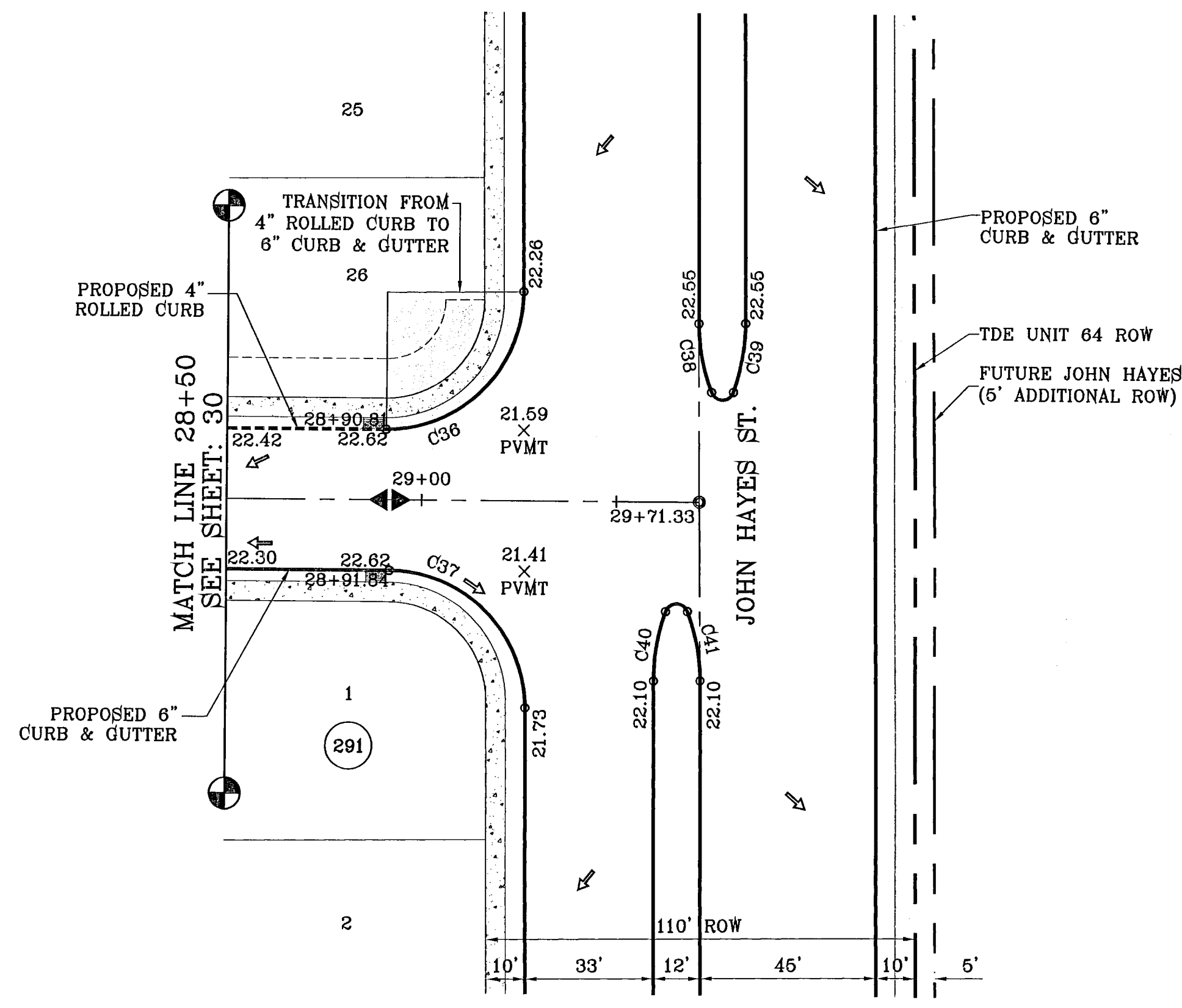
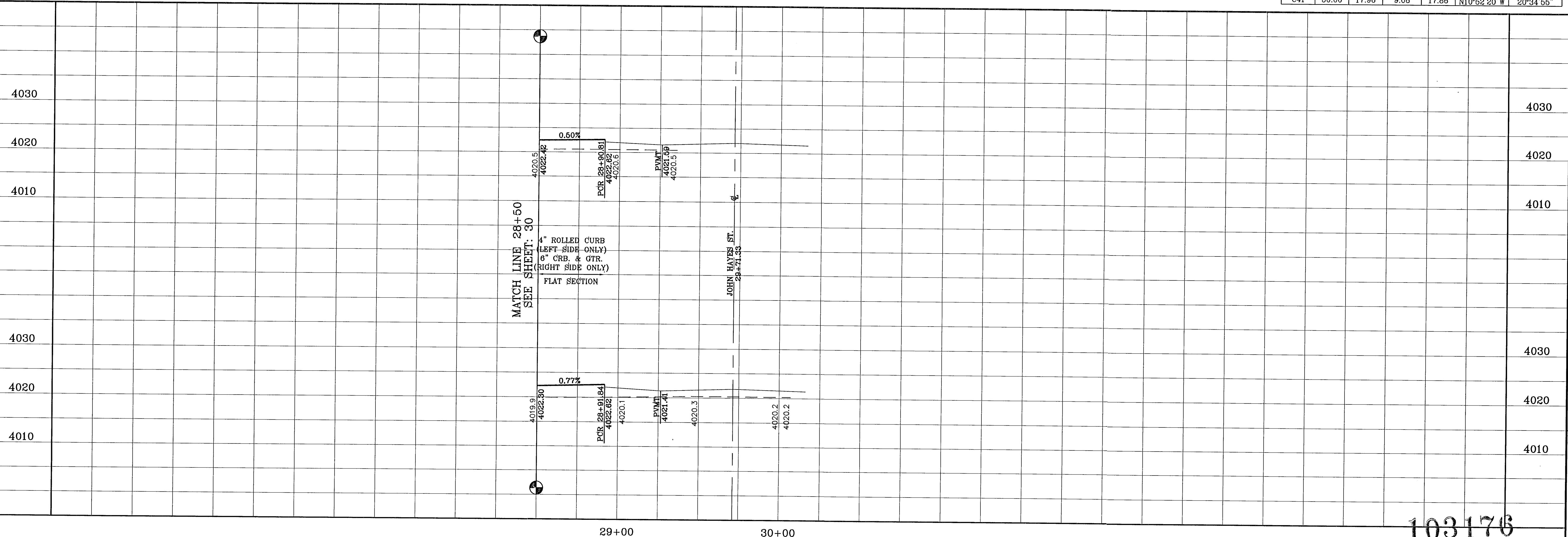
EARLY MORN AVE
STA: 21+00
TO
STA: 28.50

103176

SHT 30 OF 82

TIERRA DEL ESTE UNIT SIXTY FOUR

FILE LOCATION S:\Subdivisions\TDE 64 REVISED\dwg\TDE_64-PP3_AZURE_SKY-EARLY MORN PLOTTED ON Wednesday, June 22, 2011 8:38:04 AM BY RUBEN RIVERA



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C36	35.00	55.32	35.34	49.74	N44°41'50"E	90°33'25"
C37	35.00	54.64	34.66	49.28	N45°18'10"W	89°28'36"
C38	50.00	17.96	9.08	17.86	S10°52'20"E	20°34'55"
C39	50.00	17.96	9.08	17.86	N09°42'36"E	20°34'55"
C40	50.00	17.96	9.08	17.86	S09°42'36"W	20°34'55"
C41	50.00	17.96	9.08	17.86	N10°52'20"W	20°34'55"

**TIERRA DEL ESTE
UNIT SIXTY FOUR**

BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 138.788 ACRES

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79886

ENGINEER'S SEAL

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

DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

REVISIONS

DATE	BY	REVISIONS
11/12/10	PER DEVELOPER	STREET EXTENSION AND MEDIAN REVISIONS AS E.F.G.
11/24/10	CITY DEVELOPER	CITY REDLINES AS PER 11/16/10 COMMENTS E.F.G.
04/25/11	CITY DEVELOPER	CITY REDLINES AS PER 04/18/11 COMMENTS R.R.

BENCHMARK
NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED X 1118" PD "C80141"
ELEVATION: 9987.12

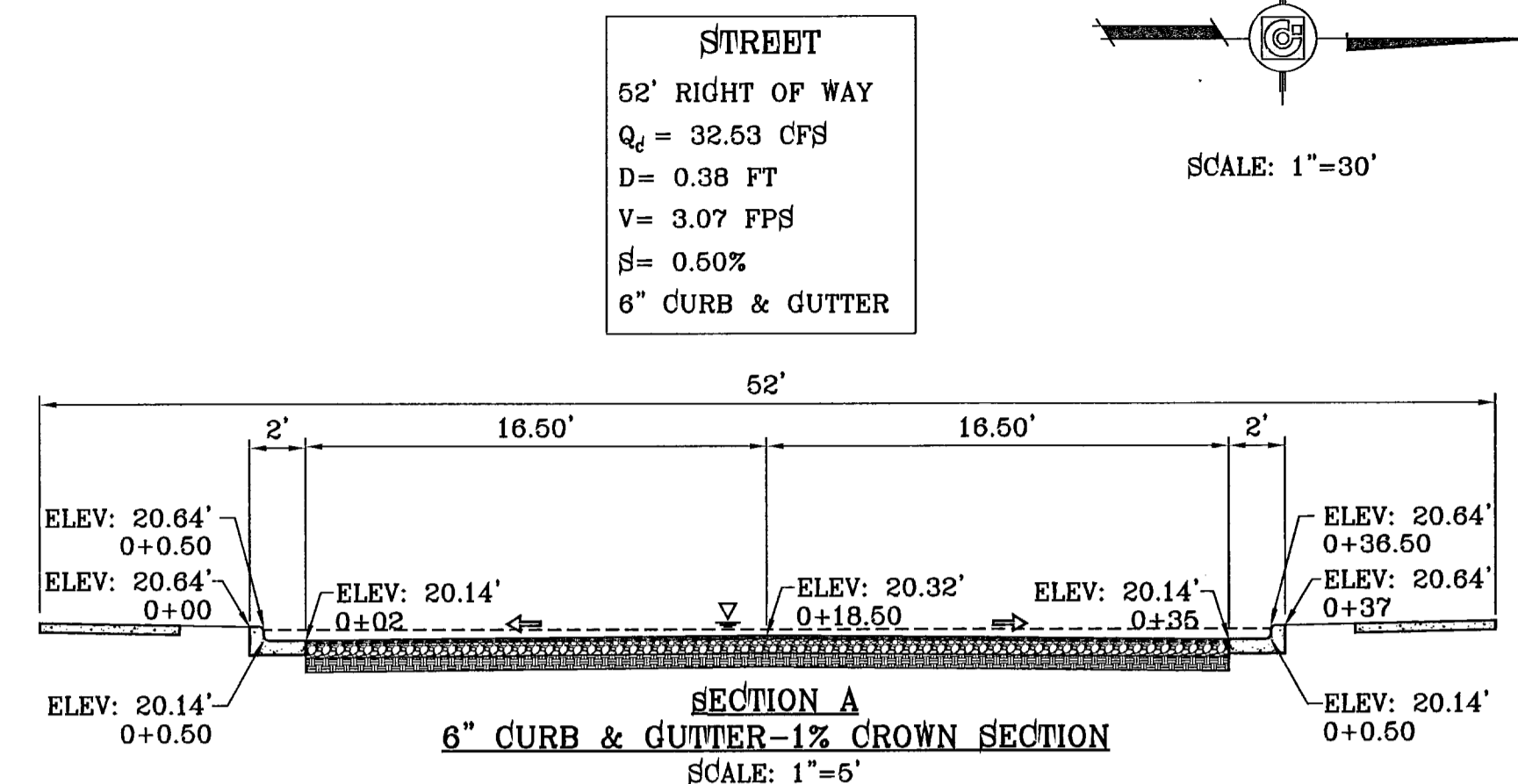
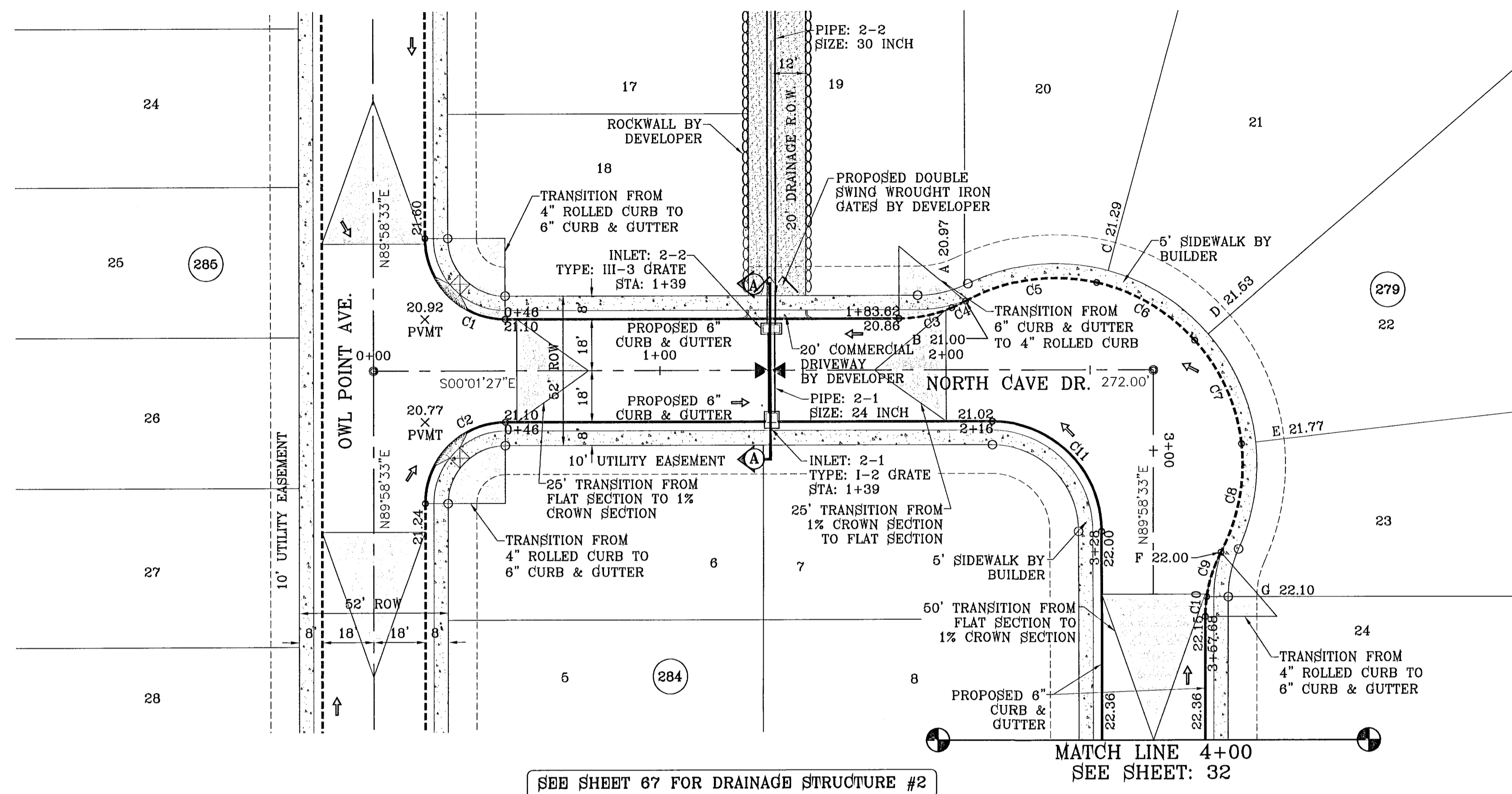
SHEET TITLE
STREET
PLAN-PROFILE

EARLY MORN AVE
STA: 28+50
TO
STA: 29+71.33

103176

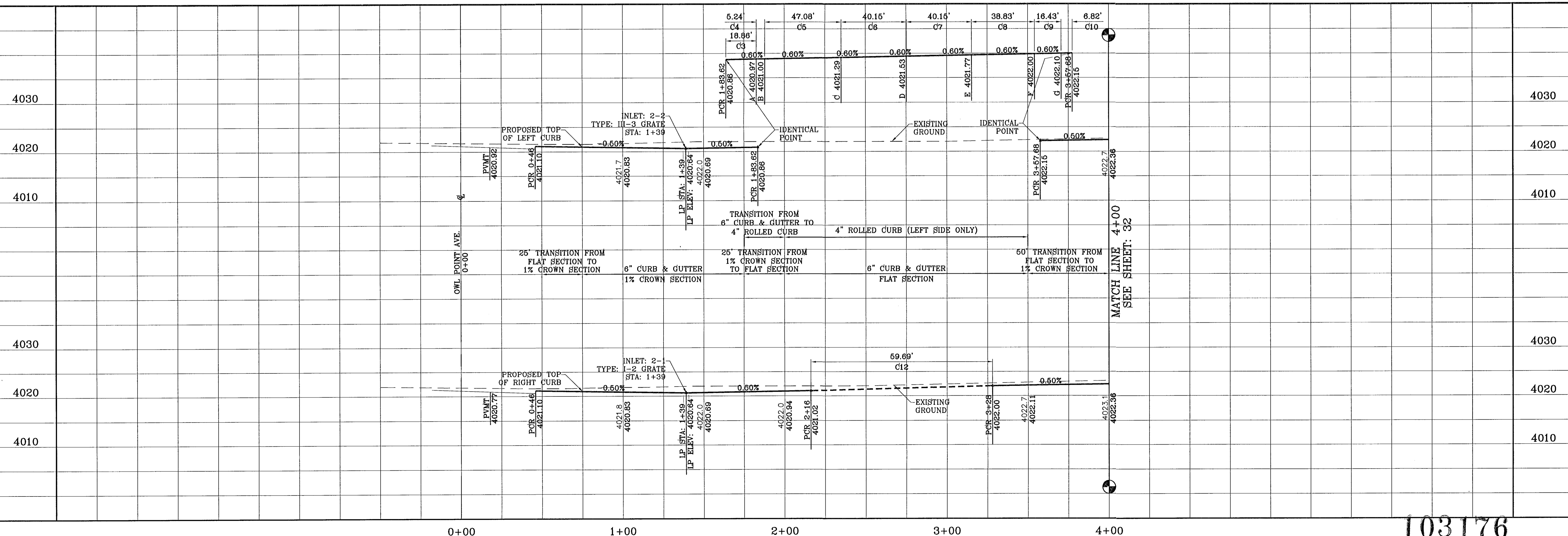
TIERRA DEL ESTE UNIT SIXTY FOUR

SHT 31 OF 82



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C2	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C3	48.00	18.88	9.56	18.74	N11°16'43"W	22°30'31"
C4	48.00	5.24	2.62	5.24	N25°39'37"W	6°15'18"
C5	65.00	47.08	24.62	48.05	S08°02'23"E	41°29'48"
C6	65.00	40.15	20.74	39.52	S30°24'21"W	35°23'43"
C7	65.00	40.15	20.74	39.52	S66°48'04"W	35°23'43"
C8	65.00	38.83	20.02	38.28	N79°23'09"W	34°13'52"
C9	48.00	16.43	8.30	16.35	S72°04'40"E	19°36'54"
C10	48.00	6.82	3.41	6.81	S85°57'17"E	8°08'20"
C11	38.00	59.69	38.00	53.74	S44°58'33"W	90°00'00"

SEE SHEET 67 FOR DRAINAGE STRUCTURE #2



103176
TIERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK		NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED X.1118" PID "C0141" ELEVATION: 3987.12	
DATE	REVISIONS	BY	E.F.G.
11/24/10	WIDEN DRAINAGE R.O.W. TO 20'		
11/24/10	CITY REDLINES AS PER 11/19/10 COMMENTS		

PROJECT NAME
**TIERRA DEL ESTE
UNIT SIXTY FOUR**
BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79,
TOWNSHIP 2, TARRANT AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 139,768 ACRES

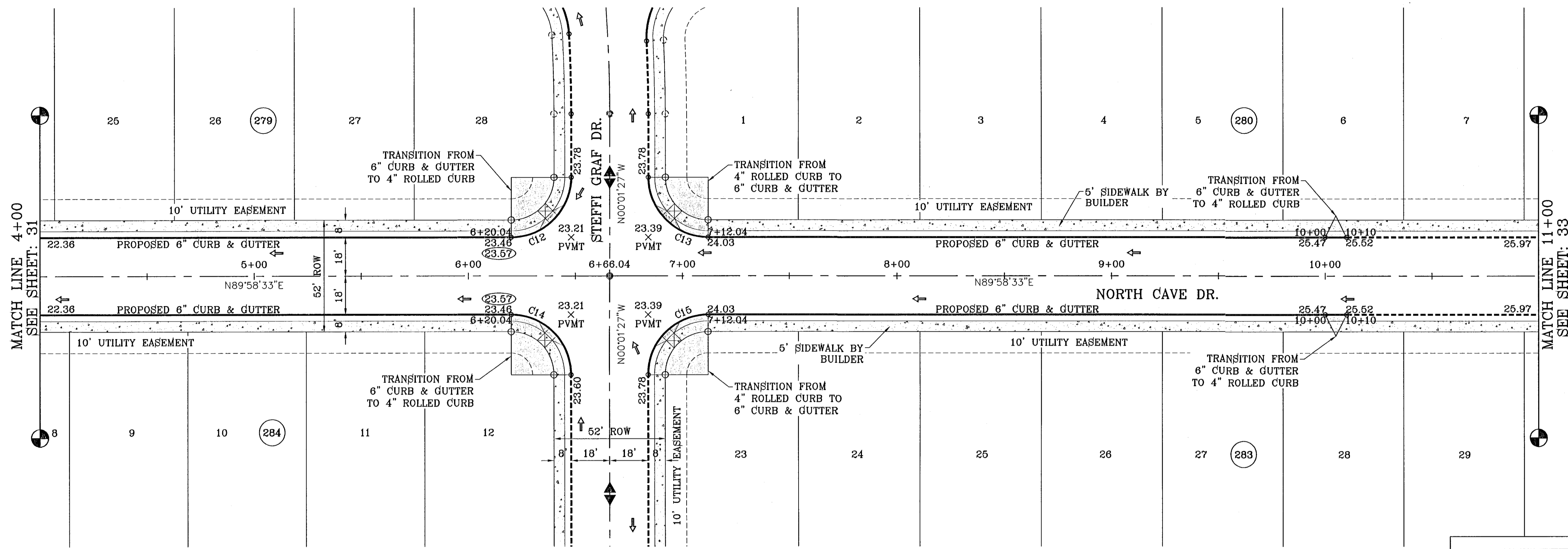
SCALE
HORIZ: 1"=30'
VERT: 1"=10'
DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936

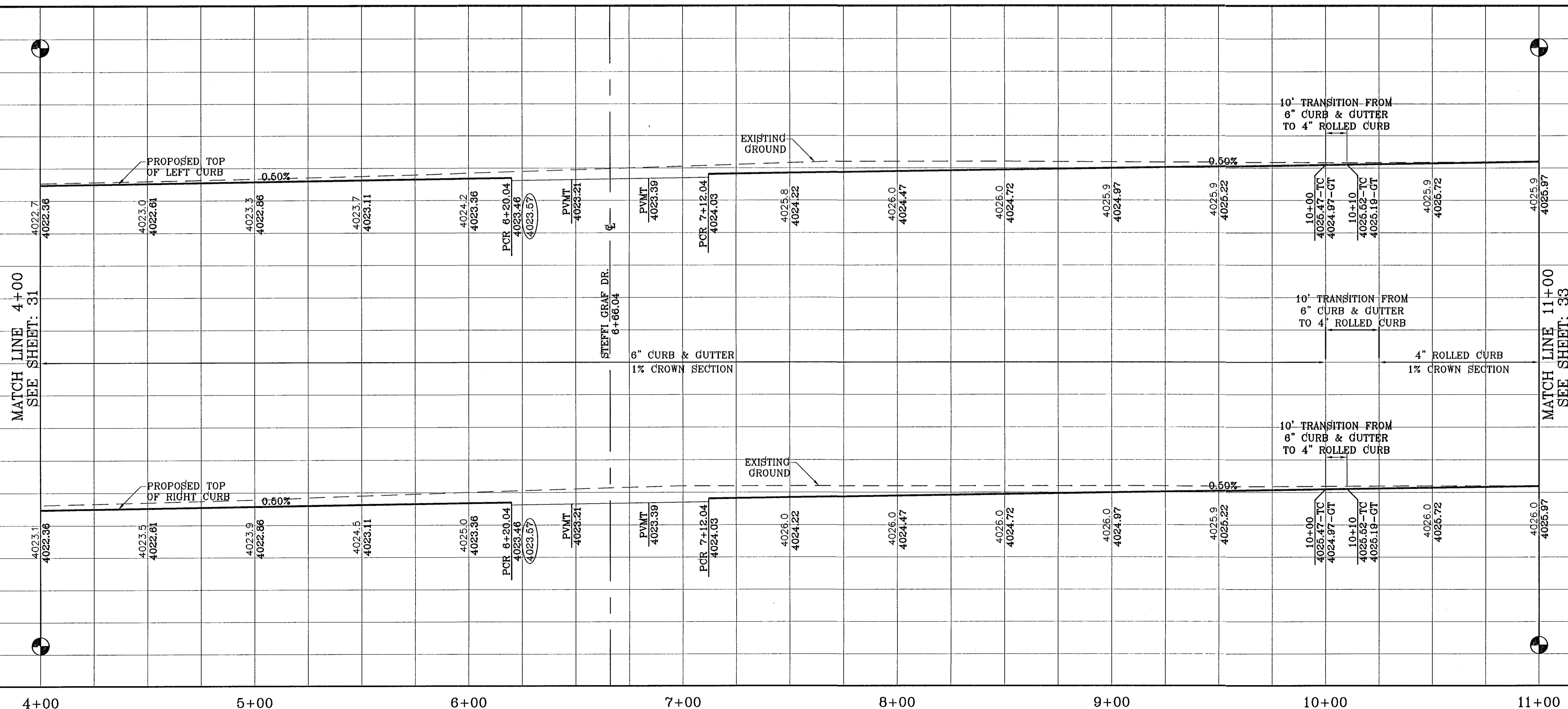
SHEET TITLE
**STREET
PLAN-PROFILE**
NORTH CAVE DR.
STA: 0+00
TO
STA: 4+00
SHT 32 OF 82

S:\EDGAR\TDE 64-PP4-NORTH CAVE-EASTERN SKY.dwg, 12/22/10 10:28:21 AM, FRONT.pcd
 FILE LOCATION S:\EDGAR\TDE 64-PP4-NORTH CAVE-EASTERN SKY, PLOTTED ON Thursday, December 02, 2010 10:28:22 AM BY EDGAR GUTIERREZ



SCALE: 1"=30'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C12	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C13	28.00	43.98	28.00	39.60	S45°01'27"W	90°00'00"
C14	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C15	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"



103176

TERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED X 1118" PID "030141" ELEVATION: 3887.12	BY
DATE	REVISIONS
10/14/10	REVISE STREET GRADES FROM STA: 6+20.04 TO E.F.G. STA: 16+80.
11/24/10	CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

PROJECT NAME
**TERRA DEL ESTE
 UNIT SIXTY FOUR**
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS.
 CONTAINING 158.768 ACRES

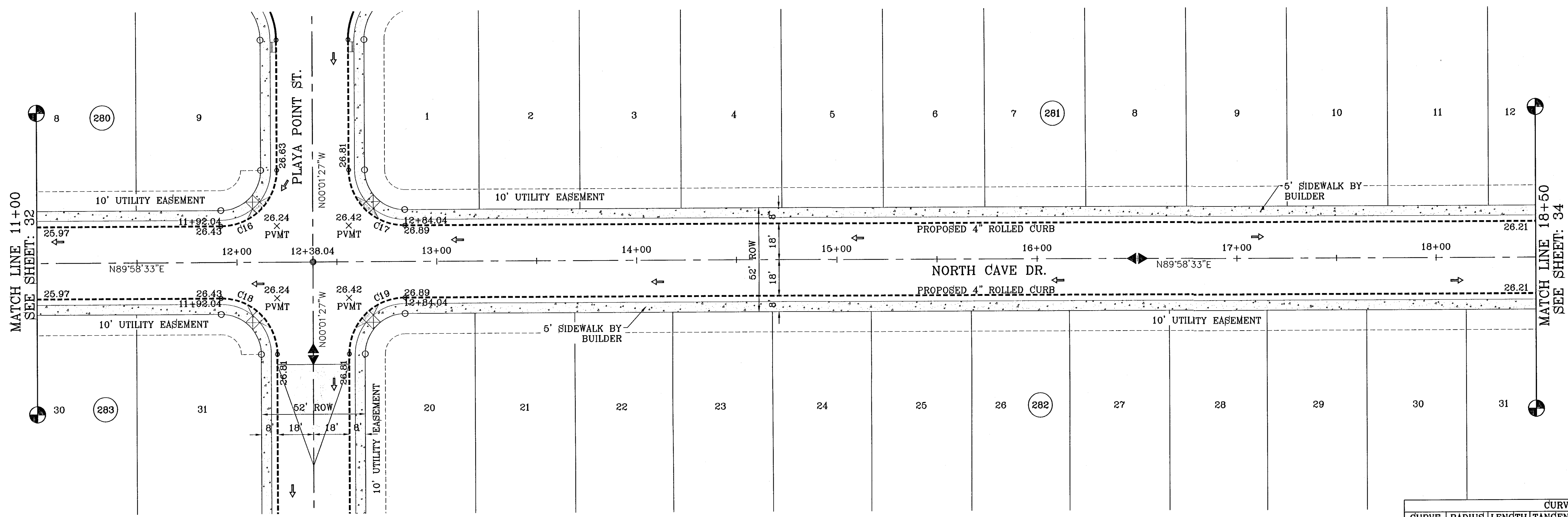
SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

ENGINEER'S SEAL

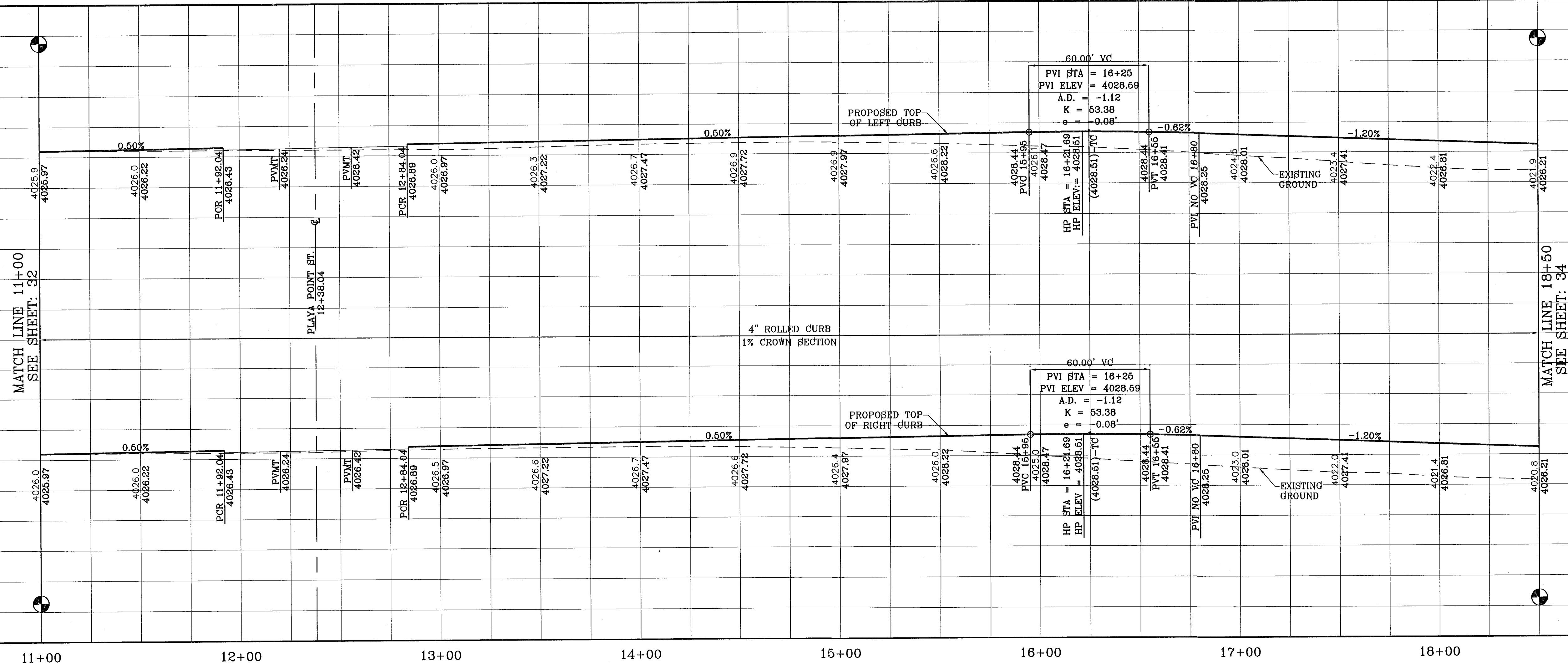
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

CONDE INC.
 REGISTRATION No. F-2321
 SHEET TITLE
 STREET
 PLAN-PROFILE
NORTH CAVE DR.
 STA: 4+00
 TO
 STA: 11+00
 SHT 33 OF 82

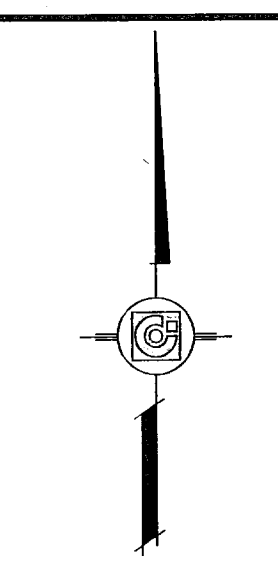
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CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C16	28.00	43.98	28.00	39.60	N44°58'33\"E	90°00'00\"
C17	28.00	43.98	28.00	39.60	S45°01'27\"E	90°00'00\"
C18	28.00	43.98	28.00	39.60	N45°01'27\"W	90°00'00\"
C19	28.00	43.98	28.00	39.60	S44°58'33\"W	90°00'00\"



SCALE: 1"=30'



BENCHMARK

NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED: X 1118" PID "CE0141"
 ELEVATION: 3987.12

REVISIONS

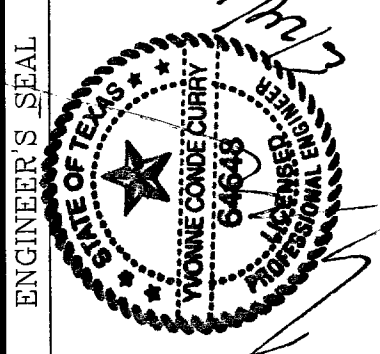
DATE: 10/14/10
 BY: Y.C.
 REVISION: REVISE STREET GRADES FROM STA. 6+20.04 TO E.F.G. STA. 16+80.

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

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,
 CONTAINING 196.768 ACRES

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

DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936



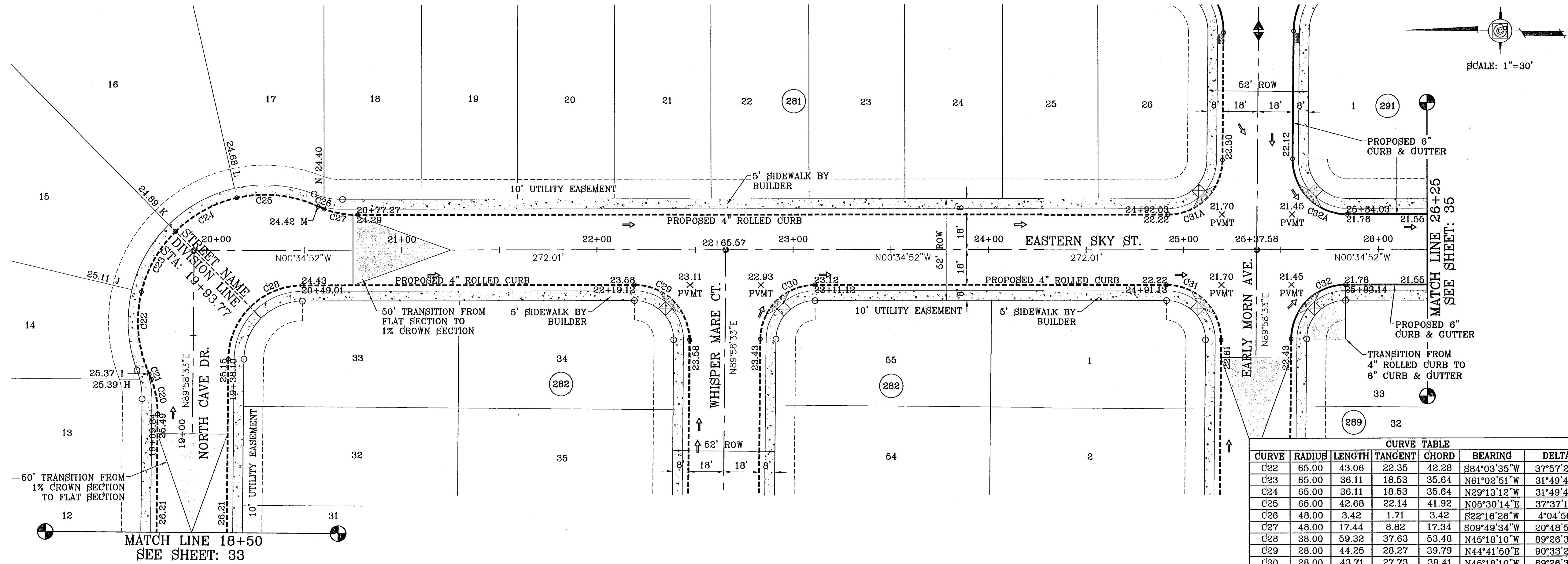
SHEET TITLE
**STREET
 PLAN-PROFILE**

NORTH CAVE DR.
 STA: 11+00
 TO
 STA: 18+50

103176

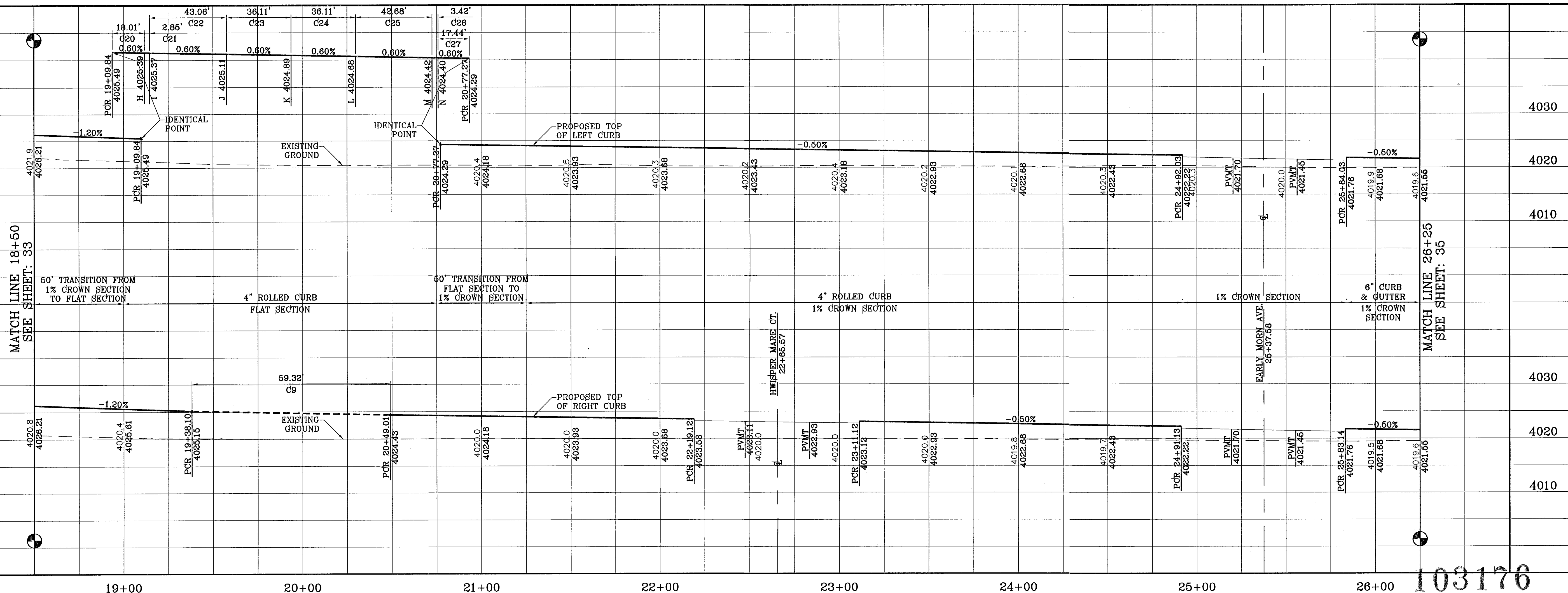
TERRA DEL ESTE UNIT SIXTY FOUR

FILE LOCATION S:\Subdivisions\TDE 64 REVISED.dwg\TDE_64-PP4-NORTH CAVE-EASTERN SKY. PLOTTED ON Tuesday, May 24, 2011 1:50:11 PM BY RUBEN RIVERA



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C22	65.00	43.08	22.35	42.28	S84°03'35"W	37°57'29"
C23	65.00	36.11	18.53	35.64	N81°02'51"W	31°49'40"
C24	65.00	36.11	18.53	35.64	N29°13'12"W	31°49'40"
C25	65.00	42.68	22.14	41.92	N05°30'14"E	37°37'12"
C26	48.00	3.42	1.71	3.42	S22°18'28"W	4°04'50"
C27	48.00	17.44	8.82	17.34	S09°49'34"W	20°48'53"
C28	38.00	59.32	37.83	63.48	N45°18'10"W	89°28'35"
C29	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C30	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"
C31	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C31A	28.00	43.71	27.73	39.41	S45°18'10"E	89°28'35"
C32	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"
C32A	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C20	48.00	18.01	9.11	17.90	N79°13'44"E	21°29'38"
C21	48.00	2.85	1.43	2.85	N66°46'53"E	3°24'04"



TIERRA DEL ESTE UNIT SIXTY FOUR

PROJECT NAME: TIERRA DEL ESTE UNIT SIXTY FOUR

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

DATE: SEPT 2010

DESIGN BY: Y.C.

INITIATED BY: E.F.G.

CHECKED BY: Y.C.

JOB NO.: 610-41

ENGINEER'S SEAL: [Professional Seal]

CONDE INC.
ENGINEERING / PLANNING SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79938

REGISTRATION No. F-2321

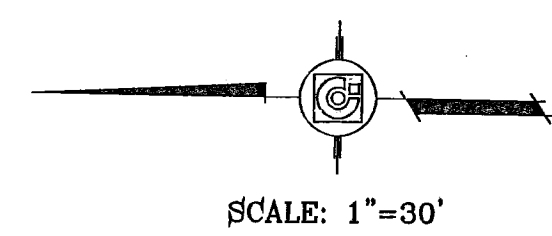
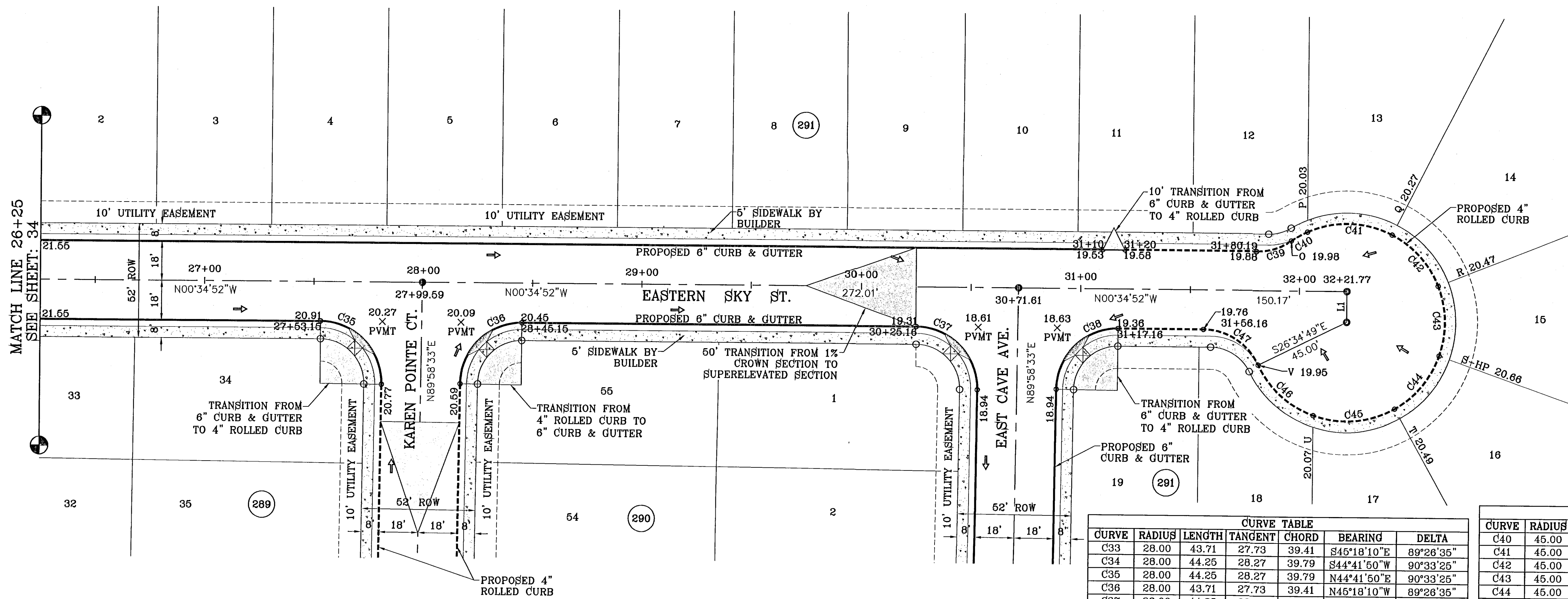
SHEET TITLE: NORTH CAVE DR. & EASTERN SKY ST.
STA: 18+50 TO STA: 26+25

SHT 35 OF 82

103176

TIERRA DEL ESTE UNIT SIXTY FOUR

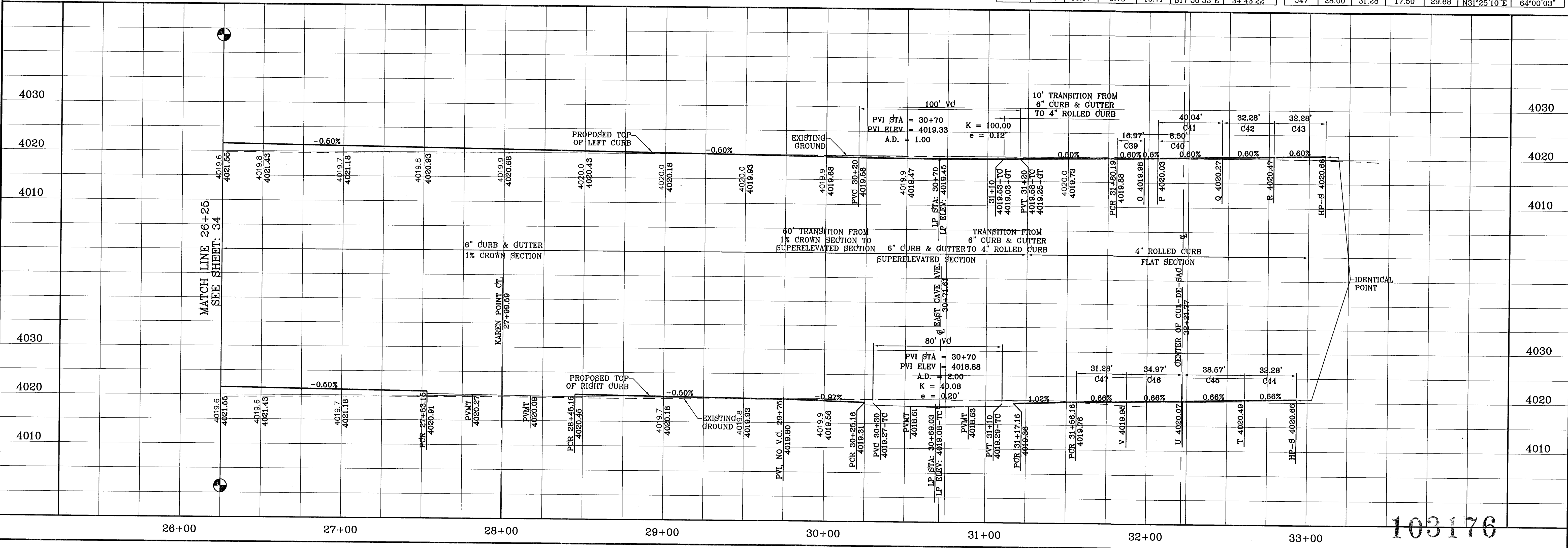
FILE LOCATION S:\Subdivisions\TDE 64 REVISED\dwg\TDE_64-PP4_NORTH CAVE-EASTERN SKY. PLOTTED ON Tuesday, May 24, 2011 1:33:28 PM BY RUBEN RIVERA



LINE	LENGTH	BEARING
L1	14.00	N89°25'08"E

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C33	28.00	43.71	27.73	39.41	S45°18'10"E	89°26'36"
C34	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"
C35	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C36	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'36"
C37	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C38	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'36"
C39	28.00	16.97	8.76	16.71	S17°56'33"E	34°43'22"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C40	45.00	8.50	4.26	8.49	N29°53'29"W	10°49'29"
C41	45.00	40.04	21.46	38.73	N01°00'42"E	50°58'52"
C42	45.00	32.28	16.87	31.59	N47°02'58"E	41°05'42"
C43	45.00	32.28	16.87	31.59	N68°08'40"E	41°05'42"
C44	45.00	32.28	16.87	31.59	S50°46'38"E	41°05'42"
C45	45.00	38.57	20.56	37.40	S05°39'30"E	49°08'34"
C46	45.00	34.97	18.42	34.10	S41°09'29"W	44°31'24"
C47	28.00	31.28	17.50	29.68	N31°25'10"E	64°00'03"



BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED: X 1118 - PID: CE0141 -
 ELEVATION: 7.987712

DATE: 11/24/10
 REVISIONS: CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

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

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
 TOWNSHIP 2 NORTH, RANGE 10 WEST, COUNTY, TEXAS,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,
 CONTAINING 1.89,768 ACRES.

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

DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

ENGINEER'S SEAL

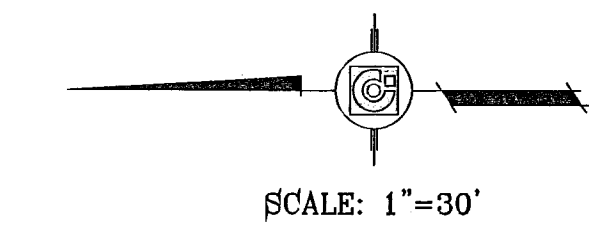
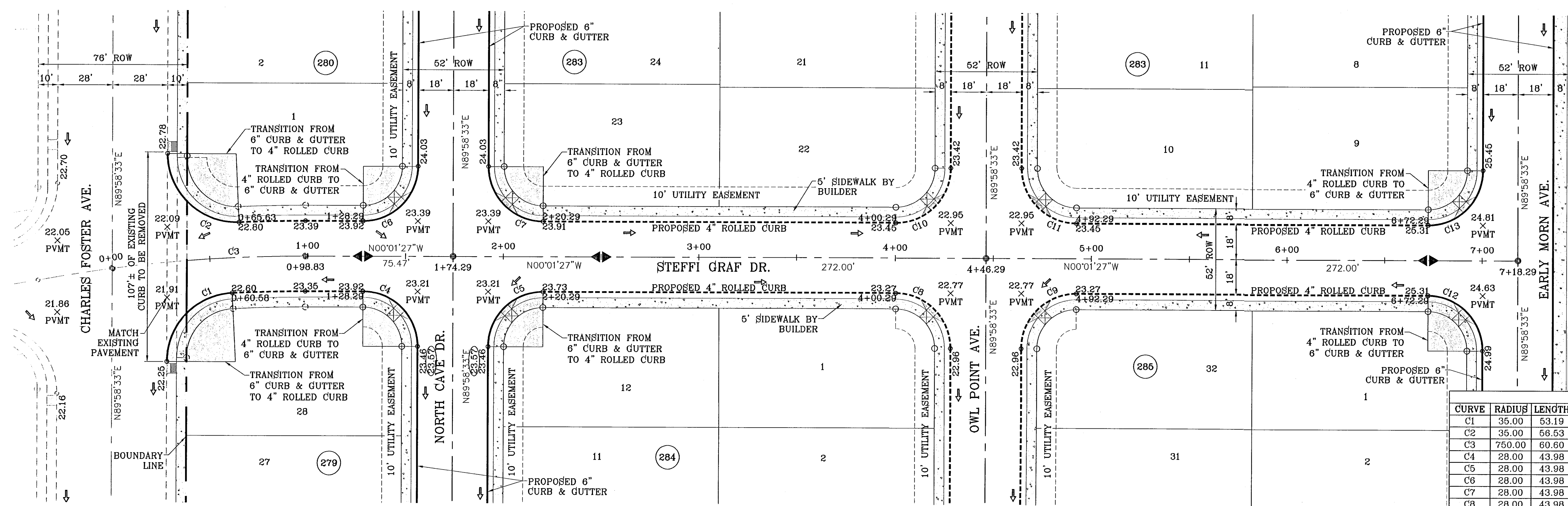
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79966

SHEET TITLE
**STREET
 PLAN-PROFILE**

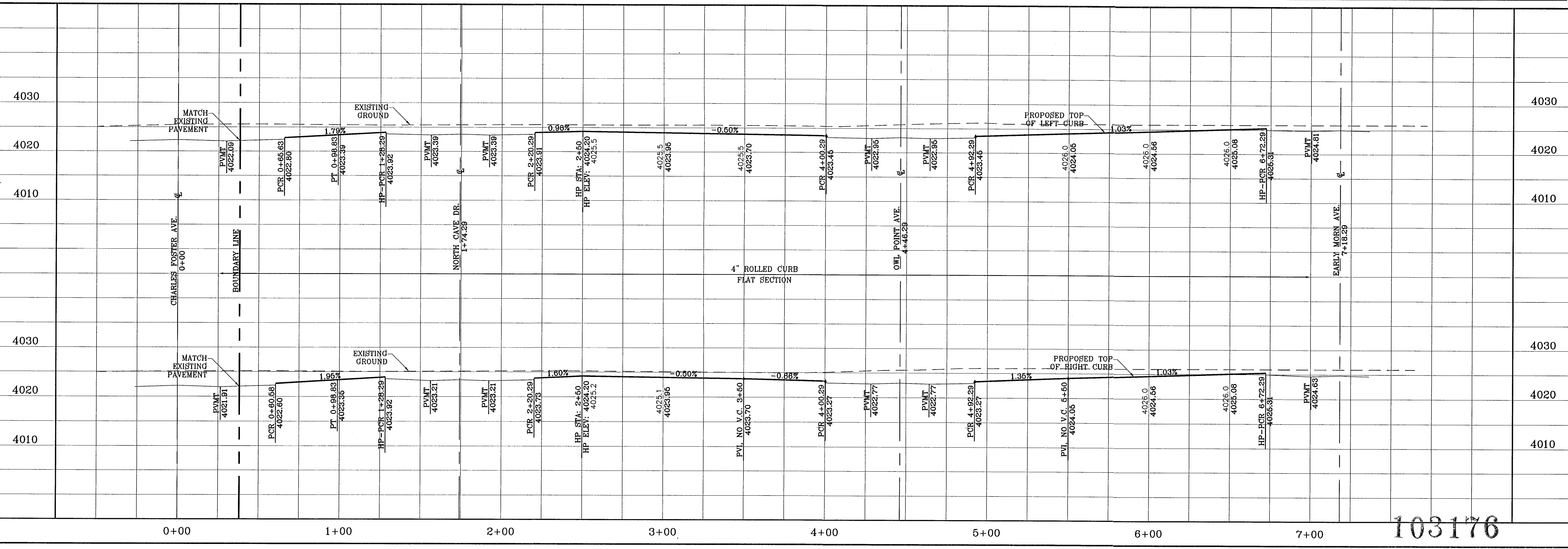
EASTERN SKY ST.
 STA: 26+25
 TO
 STA: 32+21.77

103176

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CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	35.00	53.19	33.26	48.22	N46°29'07"W	87°04'40"
C2	35.00	56.53	36.58	50.58	S43°42'28"W	92°32'10"
C3	750.00	60.60	30.32	60.58	N02°20'20"W	4°37'46"
C4	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C5	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C6	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C7	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"
C8	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C9	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C10	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C11	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"
C12	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C13	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"



PROJECT NAME: TIERRA DEL ESTE UNIT SIXTY FOUR

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

DATE: SEPT. 2010

DESIGN BY: Y.C.

INITIATED BY: E.F.G.

CHECKED BY: Y.C.

JOB NO.: 610-41

ENGINEER'S SEAL: [Professional Engineer Seal]

CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS 1790 LEE TREVIÑO STE 400 EL PASO, TEXAS 79936

CONDE INC. REGISTRATION NO. P-291

SHEET TITLE: STREET PLAN - PROFILE

STEFFI GRAF DR.

103176

TIERRA DEL ESTE UNIT SIXTY FOUR

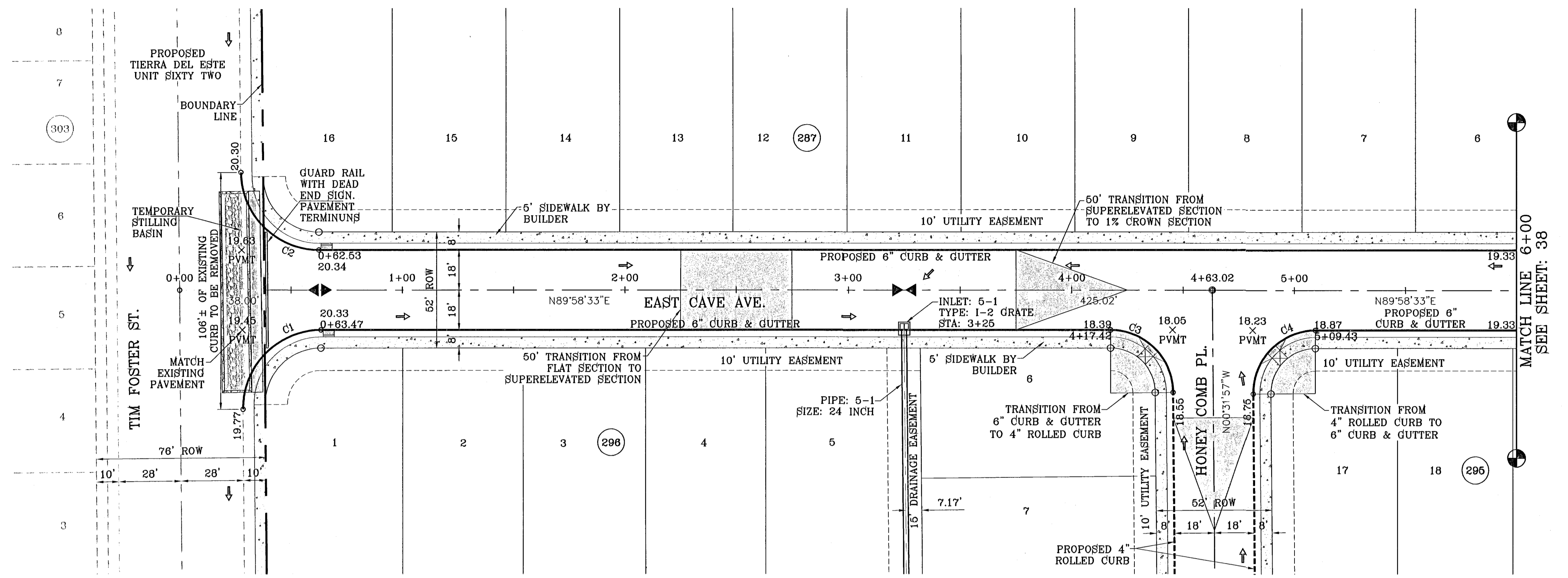
SHT 37 OF 82

REVISIONS: 10/14/10 REVISE STREET GRADES FROM STA: 0+60.68 TO E.F.G. STA: 2+50. 11/30/10 CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

BENCHMARK: NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED: 3.1118 - PID: CE0141 ELEVATION: 3987.12

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 139.706 ACRES

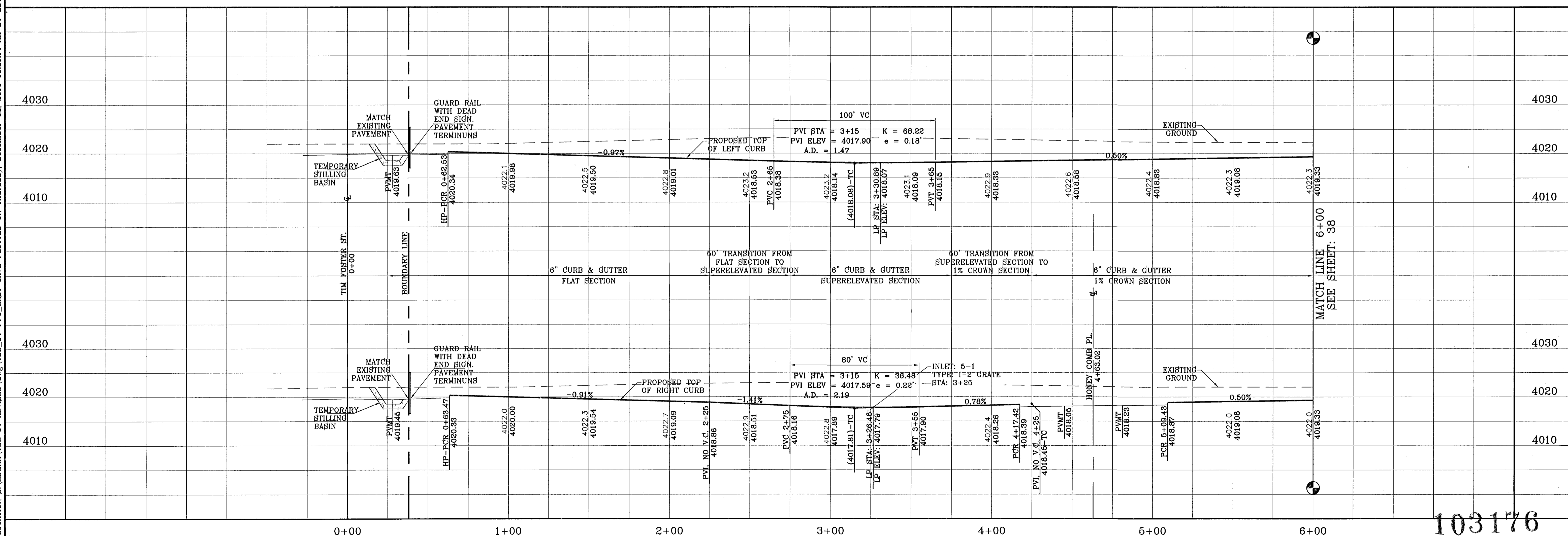
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SCALE: 1"=30'

SEE SHEET 69 FOR DRAINAGE STRUCTURE #5

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	35.00	55.29	35.31	49.72	S44°43'18"W	90°30'31"
C2	35.00	54.67	34.69	49.88	S45°16'42"E	89°29'29"
C3	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C4	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"



103176

TIERRA DEL ESTE UNIT SIXTY FOUR

NGS MARKER: COPPER-GLAD STEEL ROD DESIGNATED: X 1118, PID "CE0141" ELEVATION: 3967.12	REVISIONS	BY
DATE	11/30/10	CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, COUNTY OF EL PASO, TEXAS, CITY OF EL PASO, TEXAS, CONTAINING 159.768 ACRES.

S C A L E
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

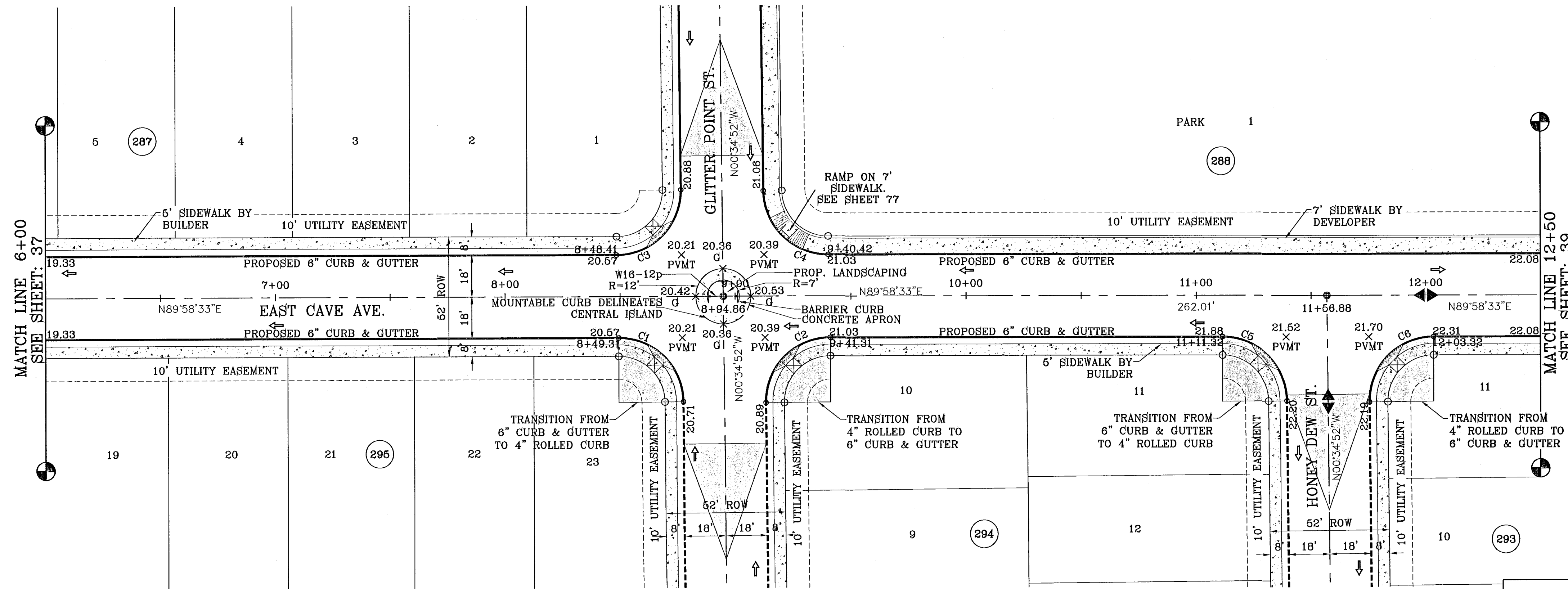
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79906



SHEET TITLE
STREET PLAN-PROFILE
EAST CAVE AVE.
 STA: 0+00
 TO
 STA: 6+00
 SHT 38 OF 82

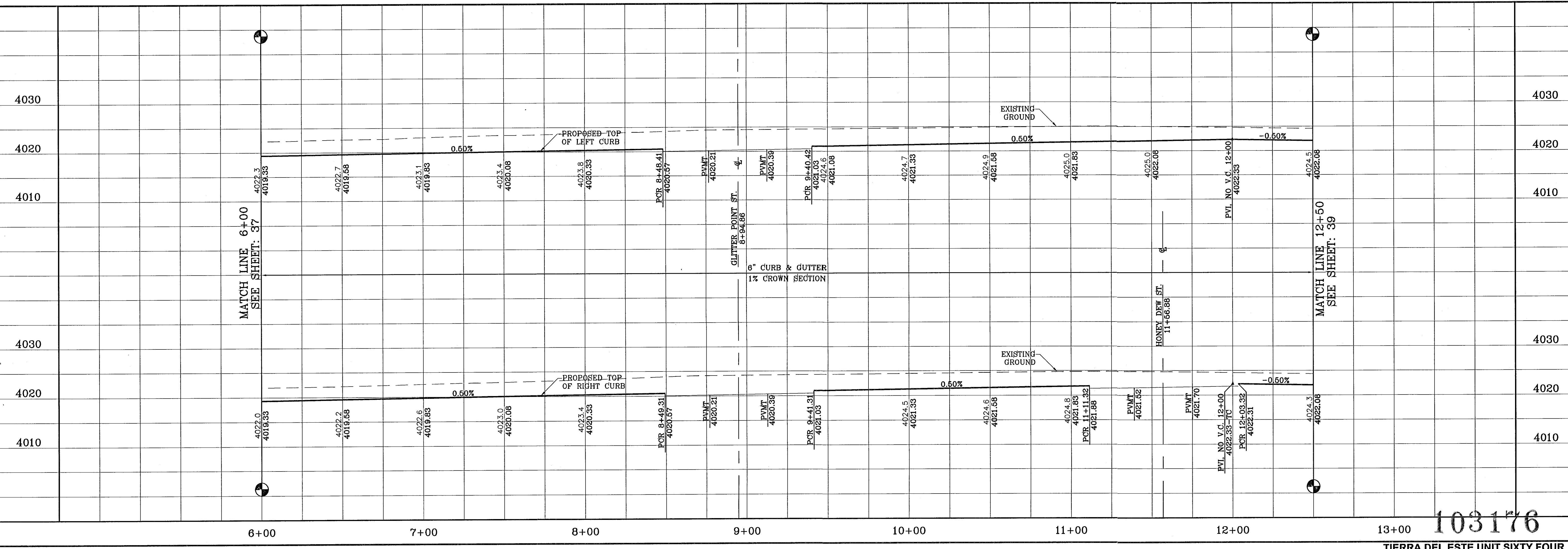
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SEE SHEET 29 FOR TRAFFIC CIRCLE DETAIL



SCALE: 1"=30'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"
C2	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"
C3	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C4	28.00	43.71	27.73	39.41	S45°18'10"E	89°28'35"
C5	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"
C6	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"



103176

TIERRA DEL ESTE UNIT SIXTY FOUR

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO SITE 400
 EL PASO, TEXAS 79936

TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,
 CONTAINING 138.768 ACRES

DATE: 04/25/11
 CITY REDLINES AS PER 04/18/11 COMMENTS R.R.
 06/24/11 CITY REDLINES AS PER 06/12/11 COMMENTS R.R.

REVISIONS
 ELEVATION: 3987.12

BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED "X 1118" PID "060141"

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

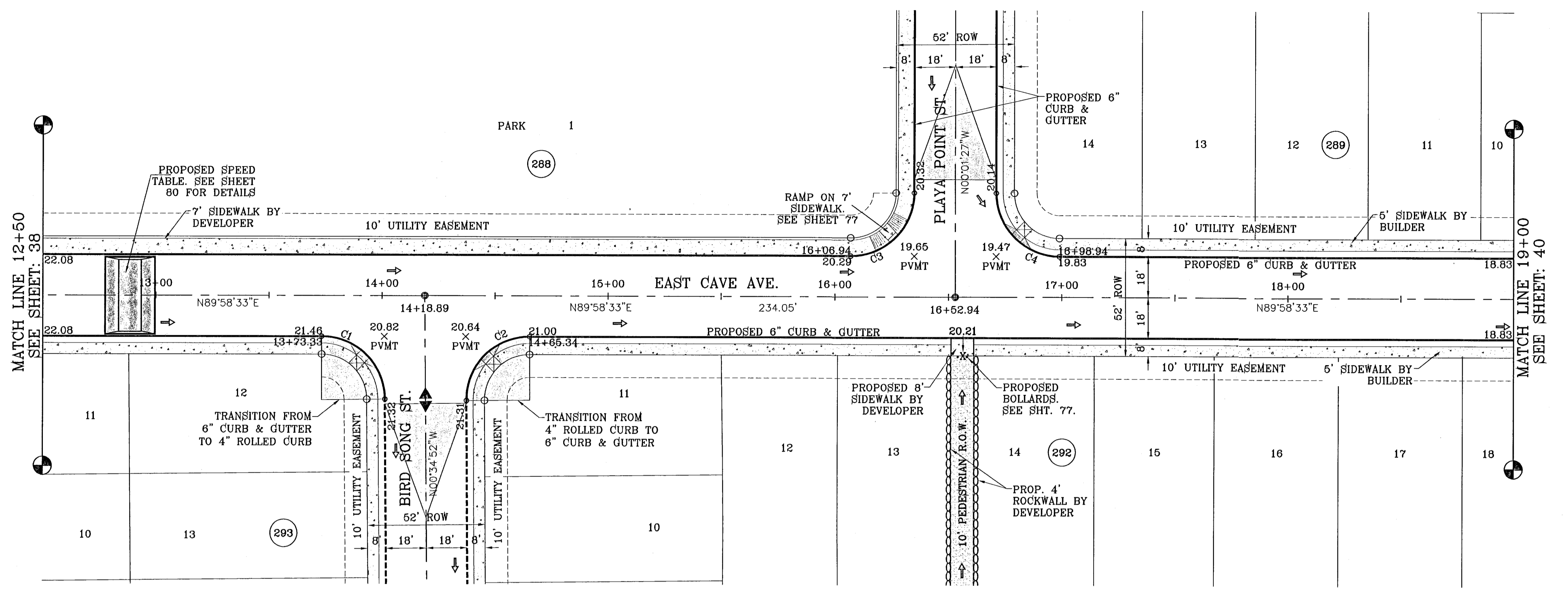
PROJECT NAME
 TIERRA DEL ESTE UNIT SIXTY FOUR

SHEET TITLE
 STREET PLAN - PROFILE

EAST CAVE AVE.
 STA: 6+00
 TO
 STA: 12+50

SHT 39 OF 82

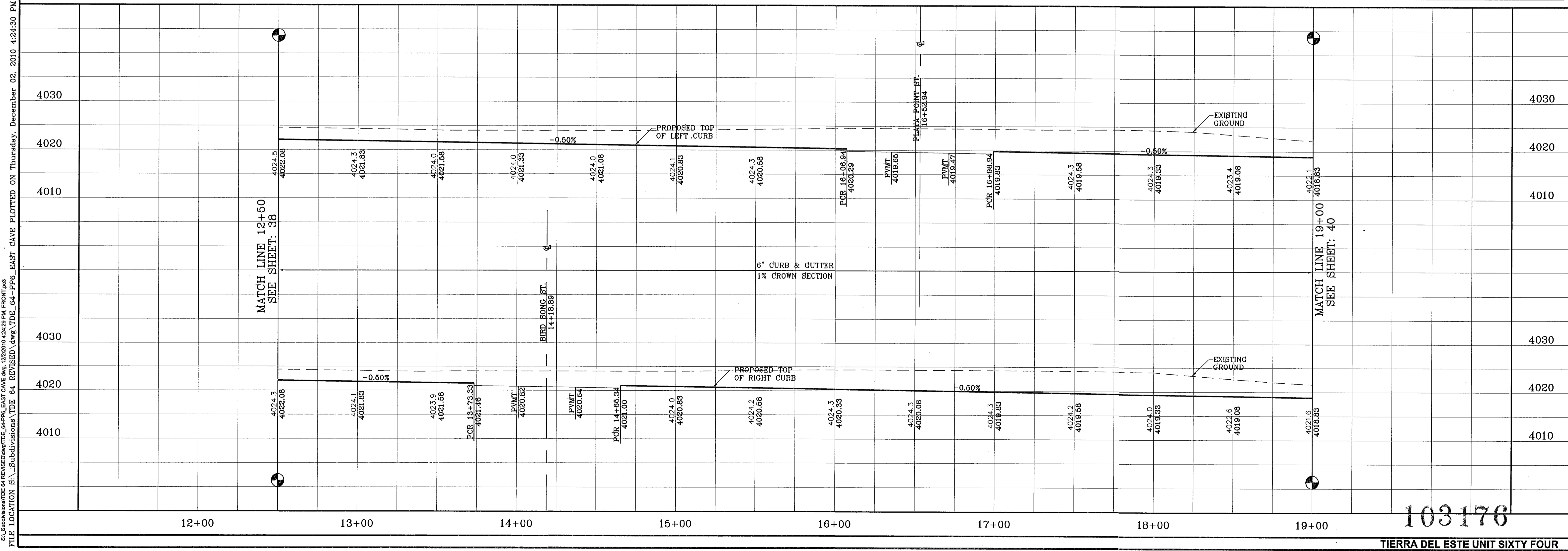
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 December 02, 2010 4:24:30 PM BY EDGAR GUTIERREZ



SCALE: 1"=30'

SEE SHEET 12A FOR PEDESTRIAN R.O.W. DETAILS

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"
C2	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"
C3	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C4	28.00	43.98	28.00	39.60	S46°01'27"E	90°00'00"



103176

BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: X 1118' PID 'CE0141'
ELEVATION: 9987.12	
DATE	REVISIONS
11/30/10	CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

PROJECT NAME
TERRA DEL ESTE
UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 17 AND 18, BLOCK 79,
 TOWNSHIP 2, TEXAS AND PICTURE BALLOON COMPANY SURVEYS,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS.
 CONTAINING 139.768 ACRES

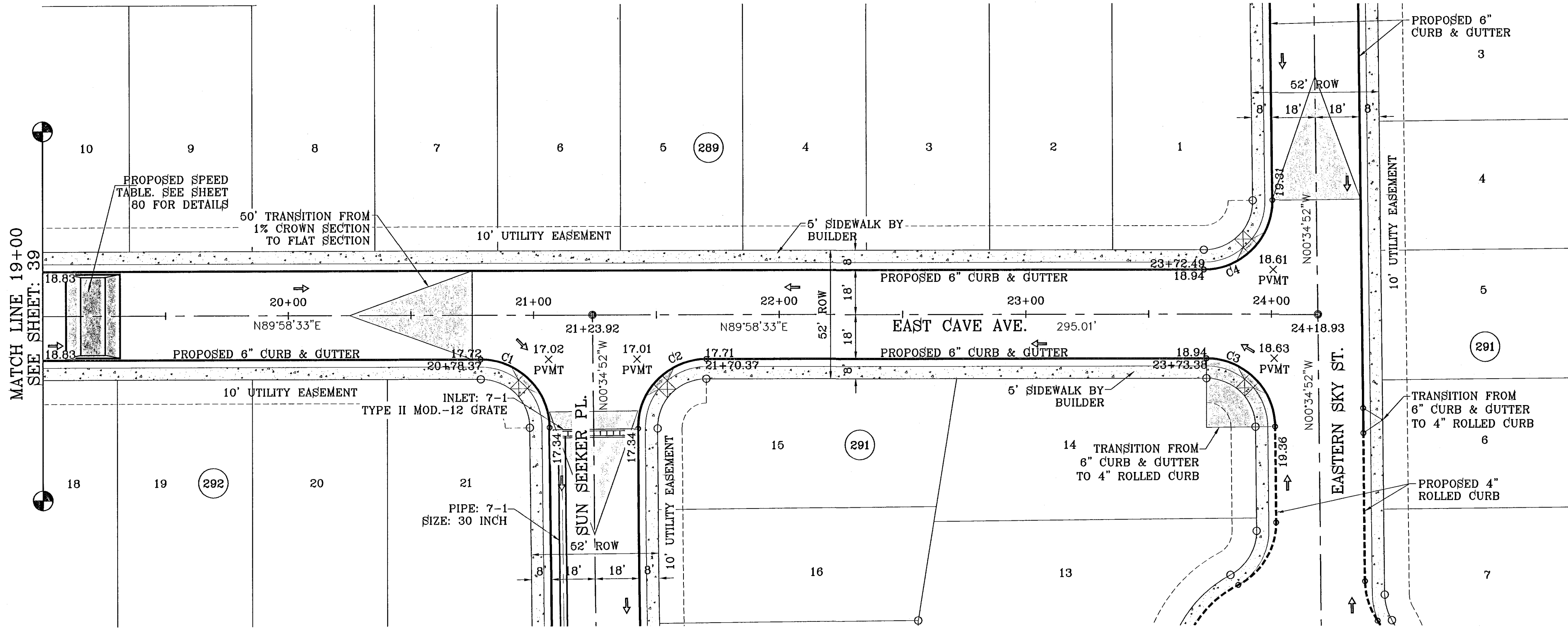
SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

CONDE INC.
 REGISTRATION NO. F-221

SHEET TITLE
STREET
PLAN - PROFILE
EAST CAVE AVE.
 STA: 12+50
 TO
 STA: 19+00
SHT 40 OF 82

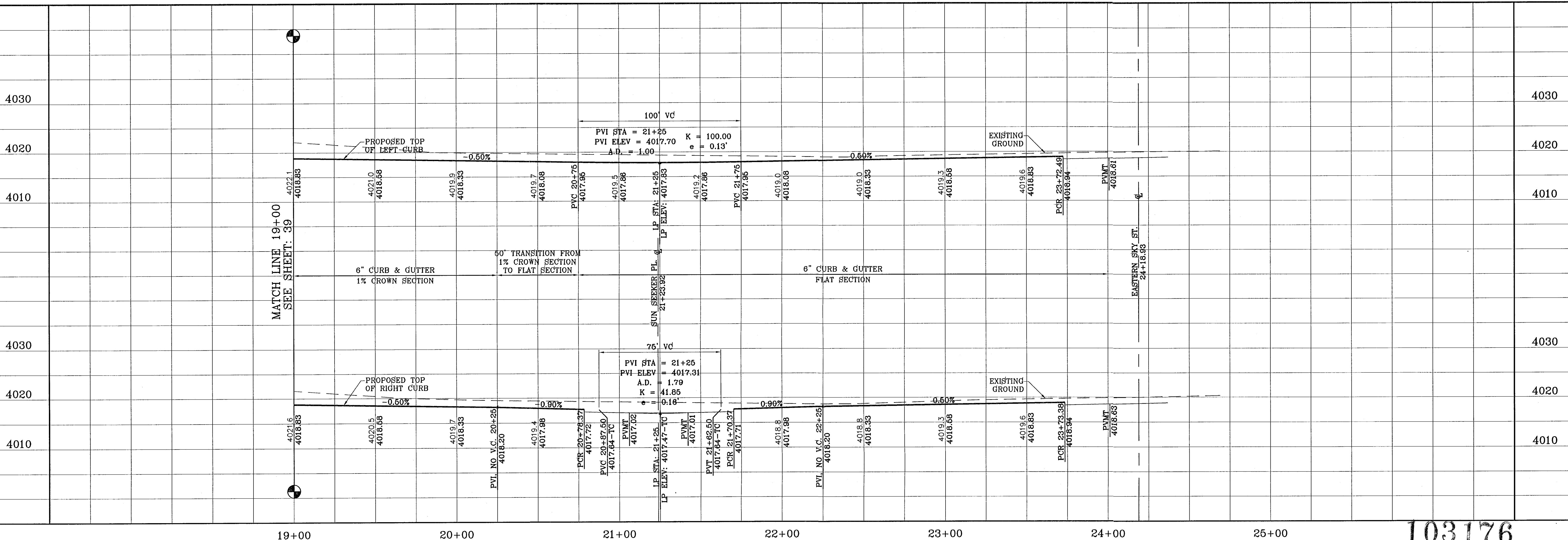
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SCALE: 1"=30'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"
C2	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"
C3	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"
C4	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"

SEE SHEET 70 FOR DRAINAGE STRUCTURE #7



19+00 20+00 21+00 22+00 23+00 24+00 25+00

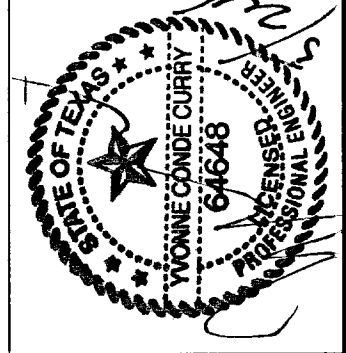
103176

TIERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED "X 1118" PID "C60141"
ELEVATION: 3987.12	
REVISIONS	BY
DATE	COMMENTS
11/30/10	CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF DALLAS, TEXAS, CONTAINING 138.766 ACRES.

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41



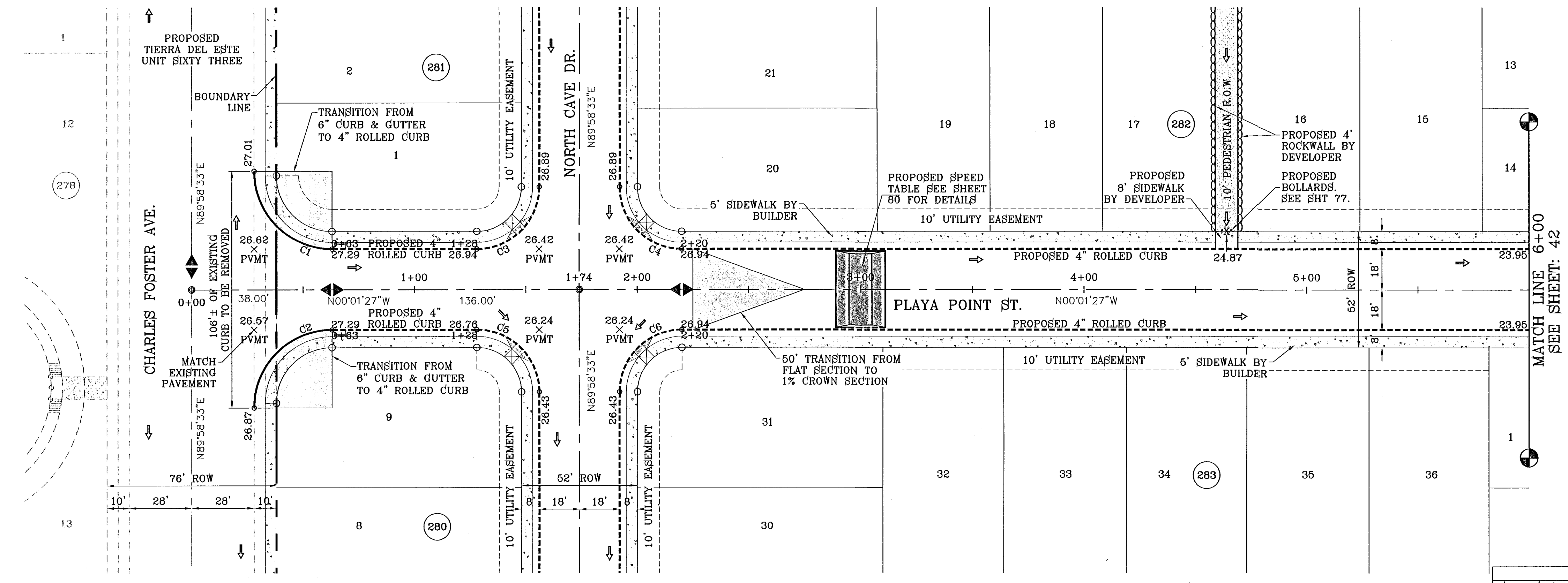
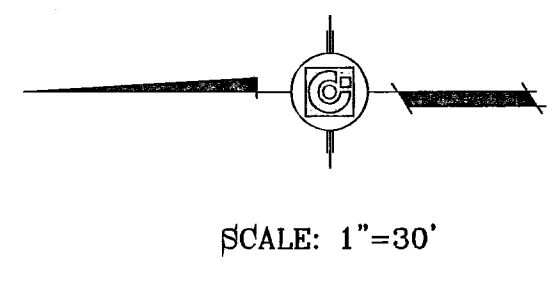
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO SITE 400
 EL PASO, TEXAS 79936



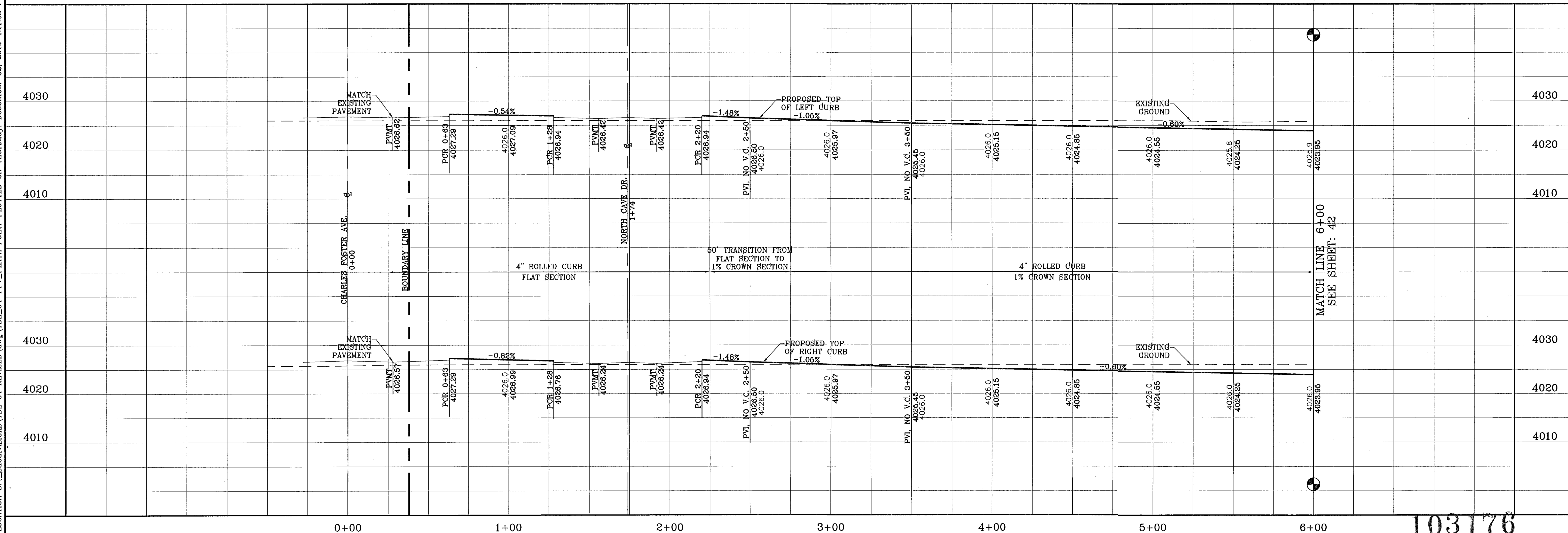
SHEET TITLE
STREET PLAN-PROFILE
EAST CAVE AVE.
 STA: 19+00
 TO
 STA: 24+18.93

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SEE SHEET 12A FOR PEDESTRIAN R.O.W. DETAILS



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	35.00	54.98	35.00	49.50	S44°58'33"W	90°00'00"
C2	35.00	54.98	35.00	49.50	N45°01'27"W	90°00'00"
C3	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C4	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"
C5	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C6	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"



PROJECT NAME
 TIERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED X 1118" PID "C60141"
 ELEVATION: 3887.12

REVISIONS

DATE	BY	REVISIONS
10/14/10	E.F.G.	REVISE STREET GRADES FROM STA: 0+63 TO STA: 2+60.
11/30/10	E.F.G.	CITY REDLINES AS PER 11/15/10 COMMENTS

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

DESIGN BY: Y.C.
INITIATED BY: Y.C.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVIÑO STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
 STREET
 PLAN-PROFILE

PLAYA POINT ST.
 STA: 0+00
 TO
 STA: 6+00

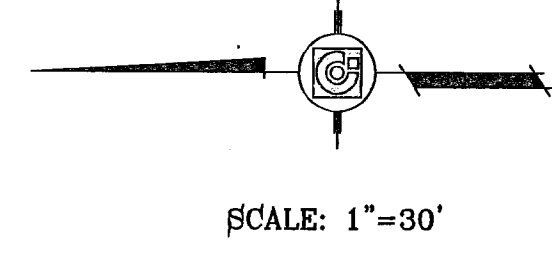
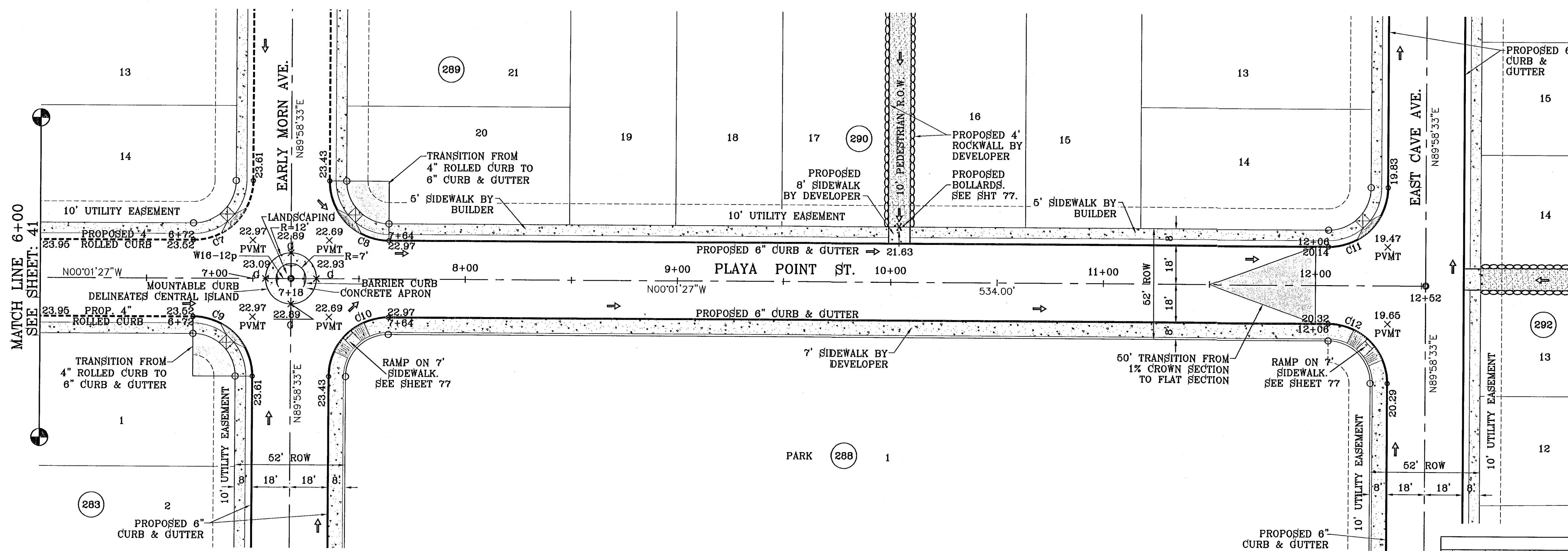
103176
 TIERRA DEL ESTE UNIT SIXTY FOUR

SHT 42 OF 82

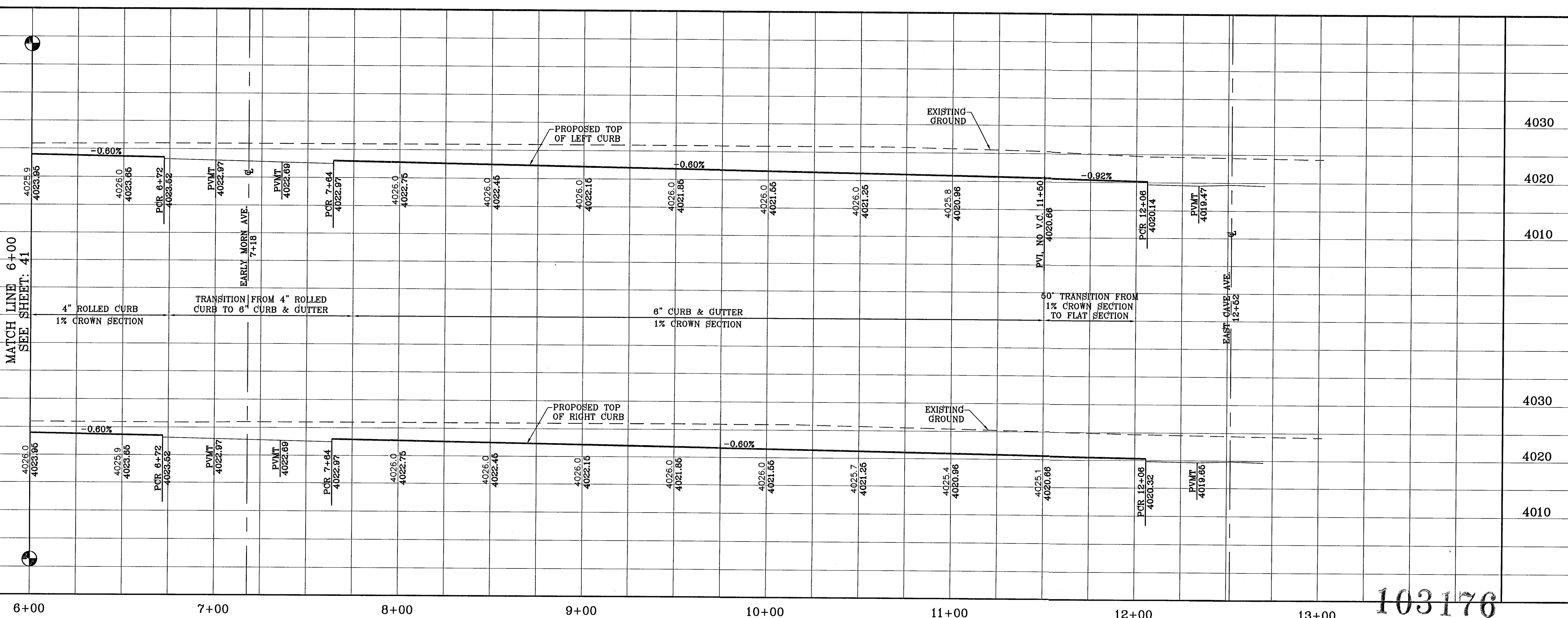
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SEE SHEET 12A FOR PEDESTRIAN R.O.W. DETAILS

SEE SHEET 29 FOR TRAFFIC CIRCLE DETAIL



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C7	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C8	28.00	43.98	28.00	39.60	S44°58'33"W	90°00'00"
C9	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"
C10	28.00	43.98	28.00	39.60	N45°01'27"W	90°00'00"
C11	28.00	43.98	28.00	39.60	S45°01'27"E	90°00'00"
C12	28.00	43.98	28.00	39.60	N44°58'33"E	90°00'00"



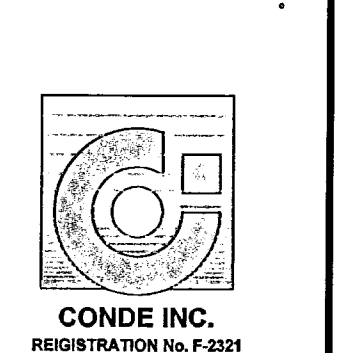
103176

REVISIONS	DATE	BY
11/30/10	11/30/10	CITY REVISIONS AS PER 11/15/10 COMMENTS E.F.G.
04/25/11	04/25/11	CITY REVISIONS AS PER 04/18/11 COMMENTS R.R.

TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 22N, RANGE 10E, COUNTY OF TARRANT, TEXAS, CONTAINING 133.768 ACRES.

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

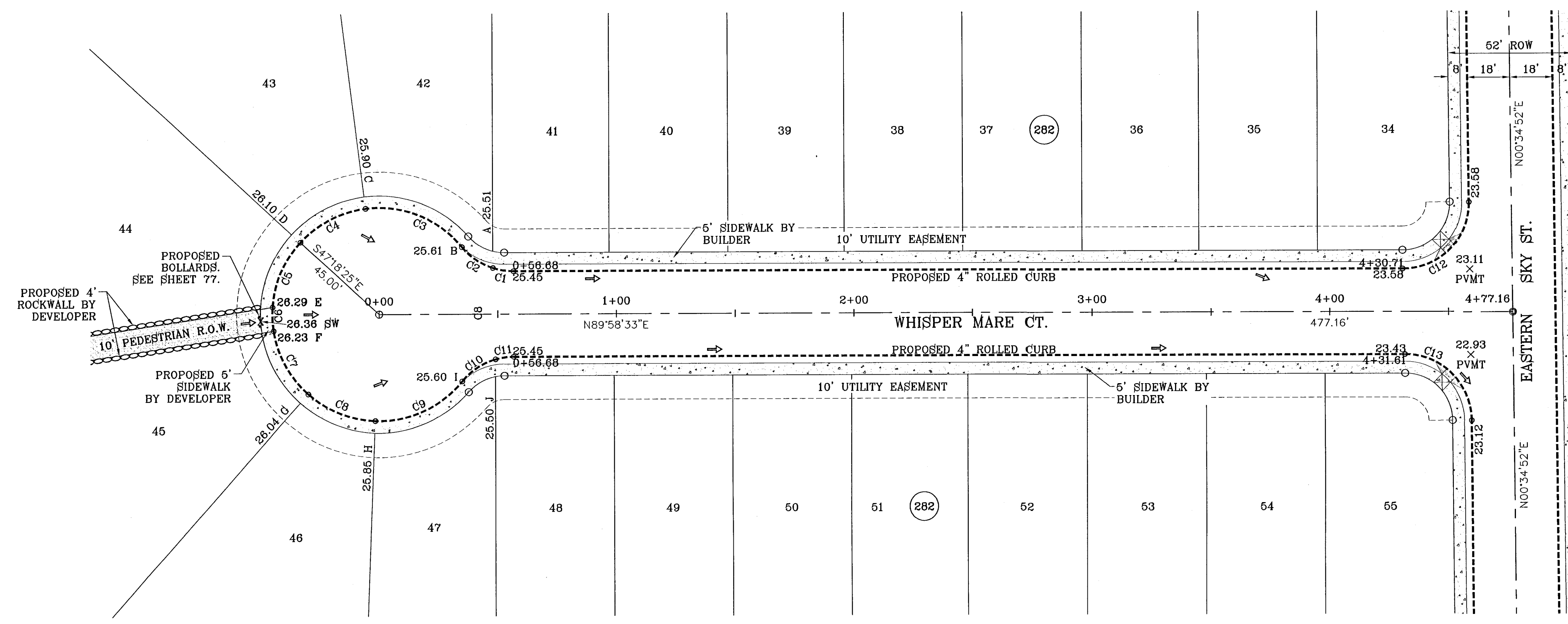
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936



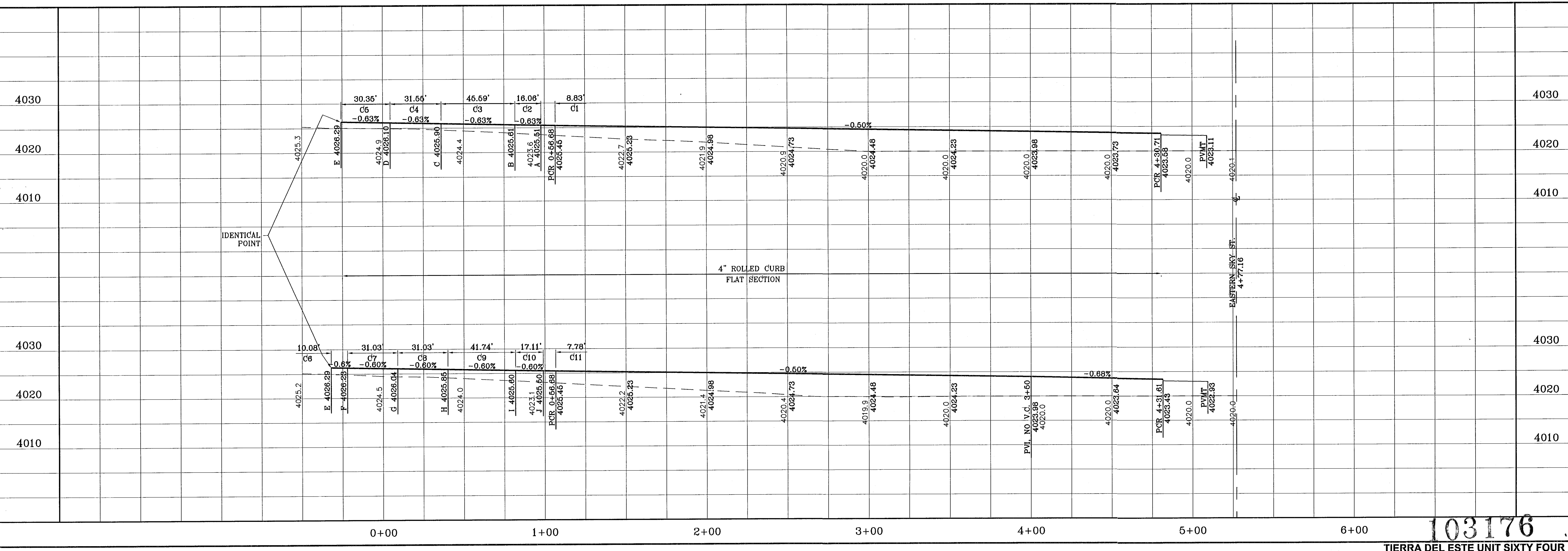
SHEET TITLE
**STREET
 PLAYA POINT ST.**
 STA: 6+00
 TO
 STA: 12+52

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SEE SHEET 12A FOR PEDESTRIAN R.O.W. DETAILS



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	8.83	4.45	8.79	S80°59'27"E	18°03'59"
C2	28.00	16.06	8.26	16.85	S55°31'16"E	32°52'24"
C3	45.00	45.59	24.97	43.67	N68°06'38"W	58°03'08"
C4	45.00	31.55	16.45	30.91	S82°46'42"W	40°10'12"
C5	45.00	30.35	15.78	29.78	S23°22'25"W	38°38'21"
C6	45.00	10.08	5.08	10.08	S02°21'57"E	12°50'23"
C7	45.00	31.03	16.16	30.42	S28°32'34"E	39°30'52"
C8	45.00	31.03	16.16	30.42	S68°03'26"E	39°30'52"
C9	45.00	41.74	22.51	40.26	N65°36'39"E	53°08'59"
C10	28.00	17.11	8.83	16.85	S56°32'34"W	35°00'48"
C11	28.00	7.78	3.92	7.76	S82°00'45"W	16°55'36"
C12	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C13	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"



103176

TIERRA DEL ESTE UNIT SIXTY FOUR

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR

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

DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVIEW STE 400
EL PASO, TEXAS 79936

SHEET TITLE
STREET
PLAN - PROFILE
WHISPER MARE CT.

SHT 44 OF 82

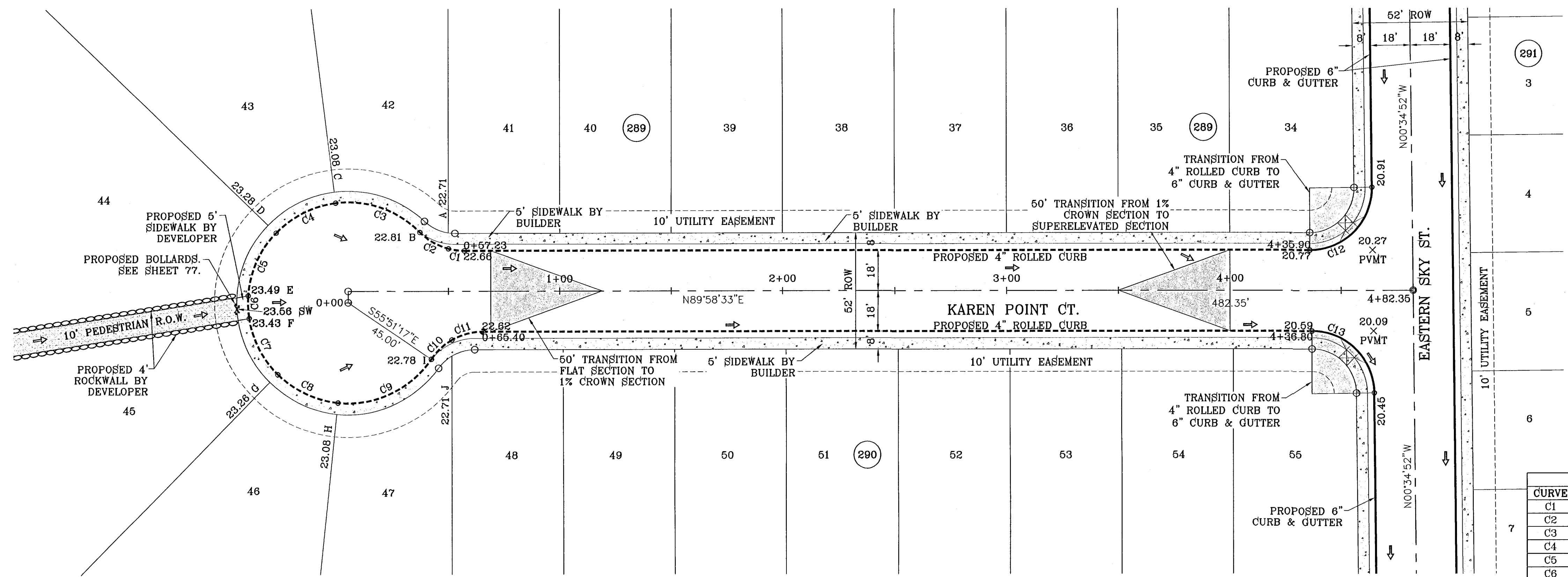
BENCHMARK
NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED X 1118" PID "C60141"
ELEVATION: 3987.12

REVISIONS
DATE
11/30/10
CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

BY

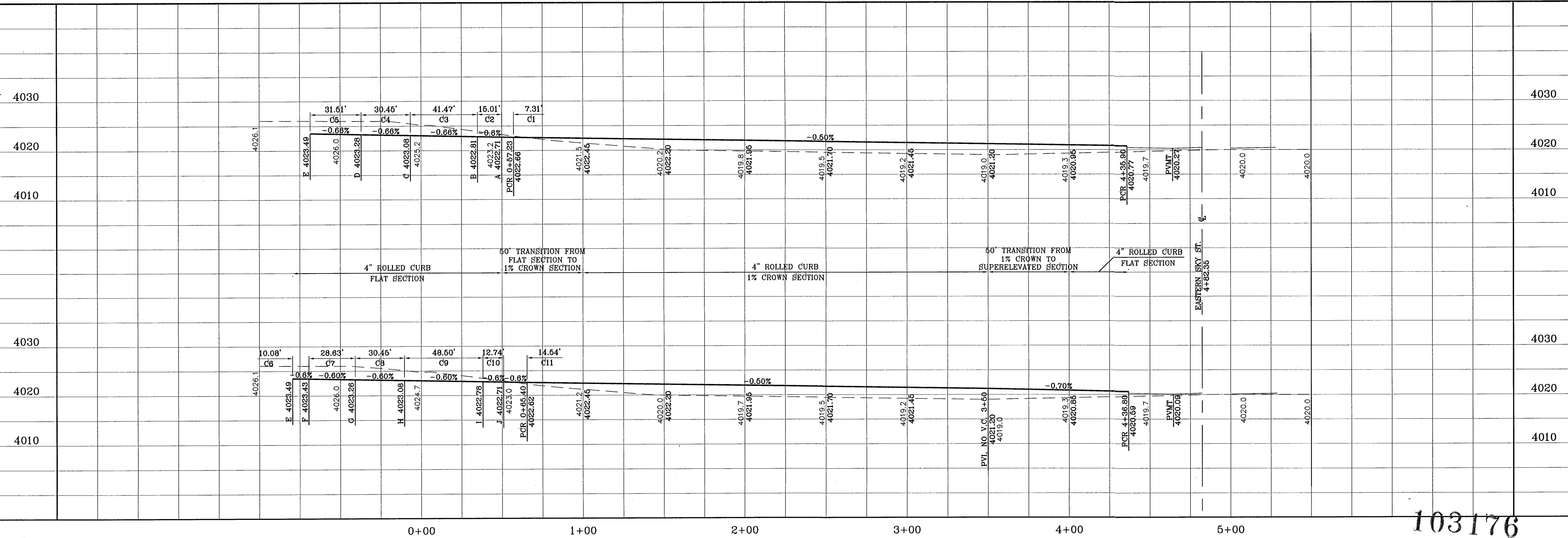
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS,
CONTAINING 139.768 ACRES

s:\Subdivision\64 REVISION\DWG_64-PP9_KAREN POINT PLOTTED ON Thursday, December 02, 2010 4:26:20 PM BY EDGAR GUTIERREZ
 FILE LOCATION S:\Subdivisions\TDE 64 REVISION\DWG_64-PP9_KAREN POINT PLOTTED ON Thursday, December 02, 2010 4:26:18 PM FRONT.plt



SEE SHEET 12A FOR PEDESTRIAN R.O.W. DETAILS

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	7.31	3.68	7.29	S82°32'31"E	14°57'53"
C2	28.00	15.01	7.69	14.83	S69°42'02"E	30°43'05"
C3	45.00	41.47	22.34	40.01	N70°44'21"W	52°47'43"
C4	45.00	30.45	15.83	29.87	S63°28'39"W	38°46'17"
C5	45.00	31.51	16.43	30.87	S24°01'52"W	40°07'17"
C6	45.00	10.08	5.06	10.06	S02°26'58"E	12°50'23"
C7	45.00	28.63	14.82	28.15	S27°05'51"E	36°27'22"
C8	45.00	30.45	15.83	29.87	S64°42'41"E	38°46'17"
C9	45.00	48.50	26.91	46.19	N65°01'27"E	61°45'27"
C10	28.00	12.74	6.48	12.63	S47°10'49"W	26°04'10"
C11	28.00	14.54	7.44	14.38	S75°05'43"W	29°45'39"
C12	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C13	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"



103176

TIERRA DEL ESTE UNIT SIXTY FOUR

PROJECT NAME
 TIERRA DEL ESTE
 UNIT SIXTY FOUR

BENCHMARK
 NGS MARKER, COPPER-CLAD STEEL ROD
 DESIGNATED X 1118" PID "C60141"
 ELEVATION : 3987.12

REVISIONS

DATE	BY	REVISIONS
11/12/10	E.F.G.	PORTION OF STREET CLOSURE AS PER DEVELOPER
11/30/10	E.F.G.	CITY REDLINES AS PER 11/15/10 COMMENTS

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

DESIGN BY: Y.C.
INITIATED BY: Y.C.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

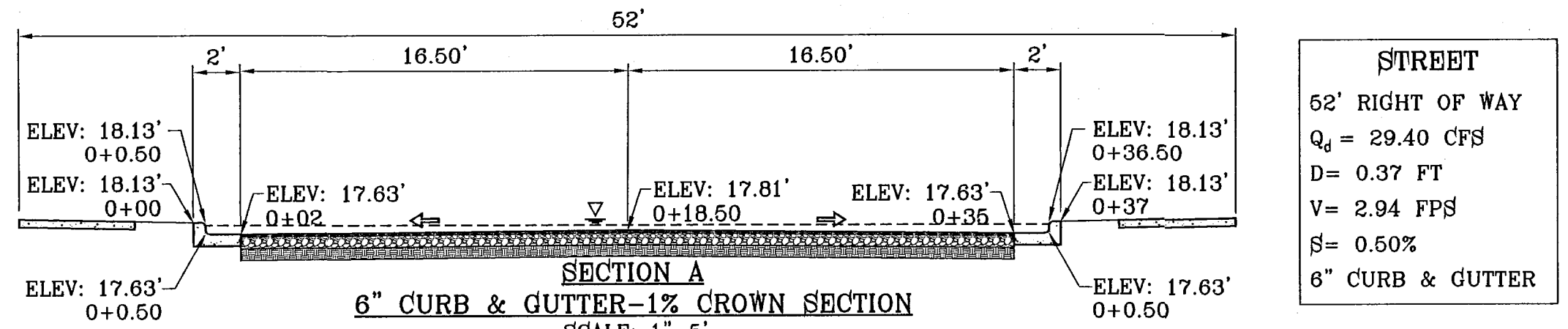
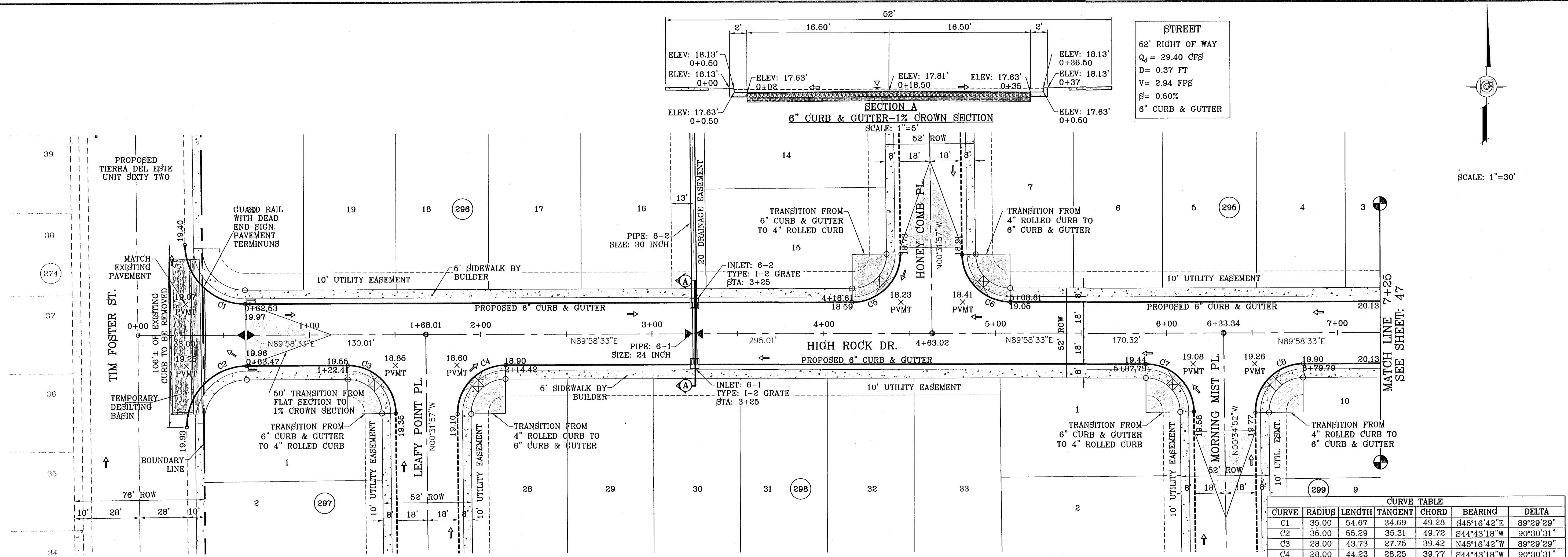
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
 STREET
 PLAN - PROFILE

KAREN POINT CT.
 STA: 0+00
 TO
 STA: 5+50

SHT 45 OF 82

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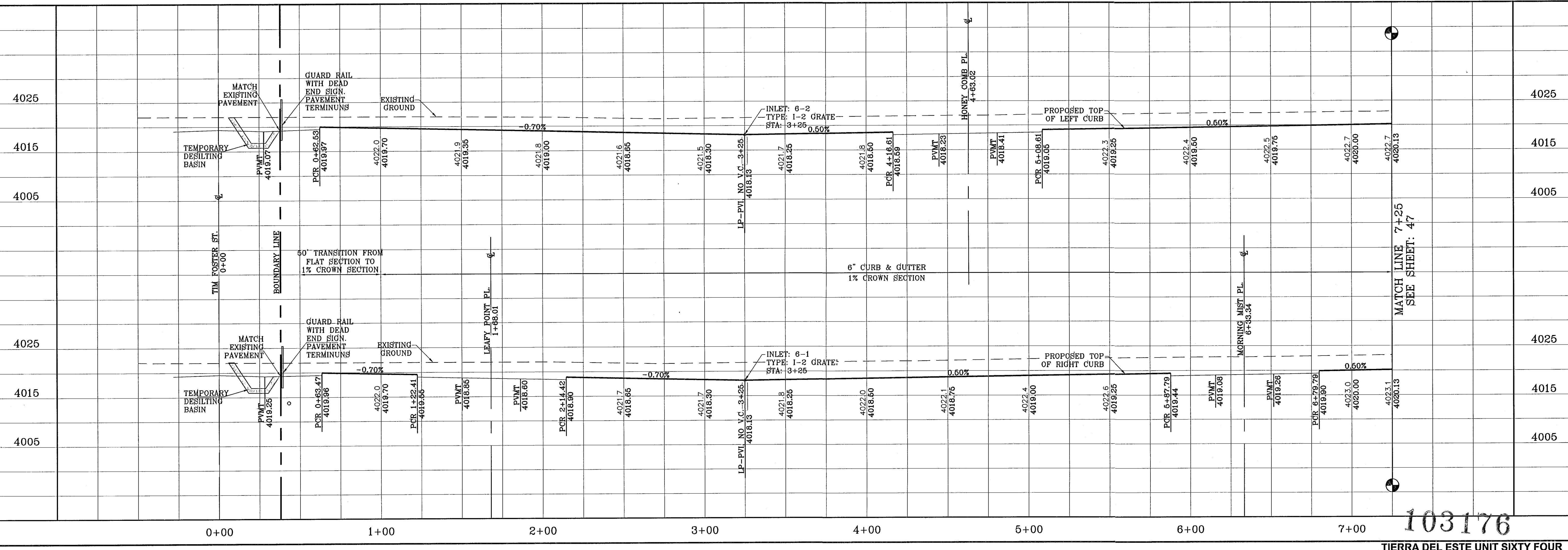


STREET
 62' RIGHT OF WAY
 $Q_d = 29.40$ CFS
 $D = 0.37$ FT
 $V = 2.94$ FPS
 $S = 0.50\%$
 6" CURB & GUTTER

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	35.00	54.67	34.69	49.28	S45°16'42"E	89°29'29"
C2	35.00	55.29	35.31	49.72	S44°43'18"W	90°30'31"
C3	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"
C4	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"
C5	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C6	28.00	43.73	27.75	39.42	S45°16'42"E	89°29'29"
C7	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"
C8	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"

SEE SHEET 69 FOR DRAINAGE STRUCTURE #6

SCALE: 1"=30'



BENCHMARK
 NGS MARKER: COPPER-GLAD STEEL ROD
 DESIGNATED: X 1118' PID "CE0414"
 ELEVATION: 3987.12

REVISIONS
 DATE: 11/30/10
 CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47 AND 48 BLOCK 76
 TOWNSHIP 2 NORTH RANGE 10 EAST COUNTY SURVEYS
 CITY OF EL PASO, EL PASO COUNTY, TEXAS
 CONTAINING 139,768 ACRES

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

DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
STREET PLAN - PROFILE

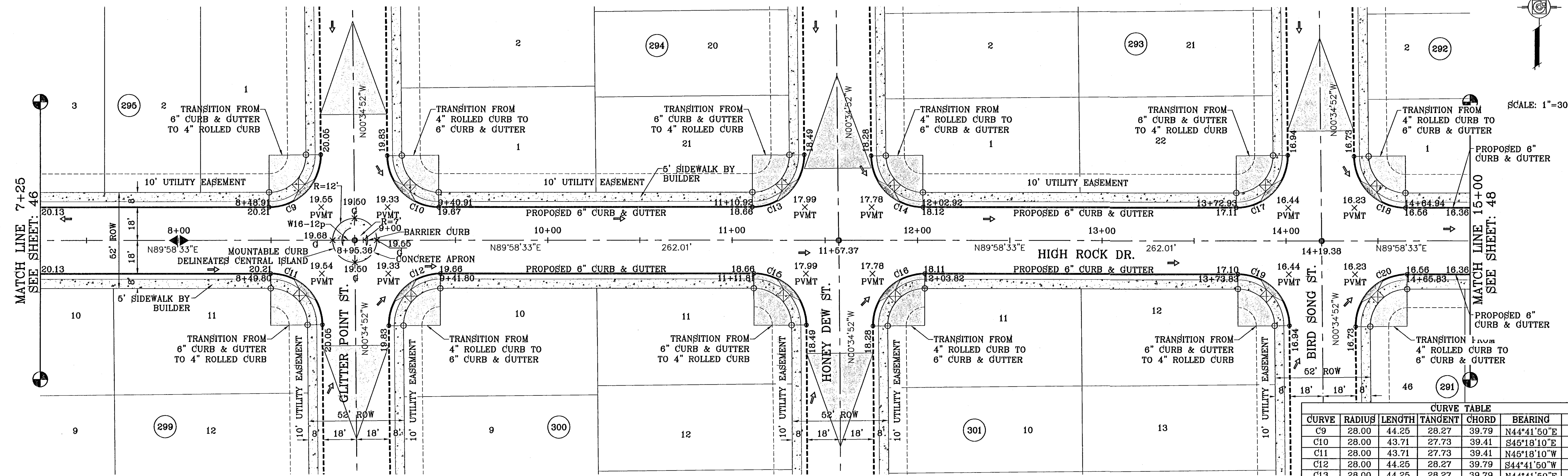
HIGH ROCK DR.
 STA: 0+00
 TO
 STA: 7+25

103176
 TERRA DEL ESTE UNIT SIXTY FOUR

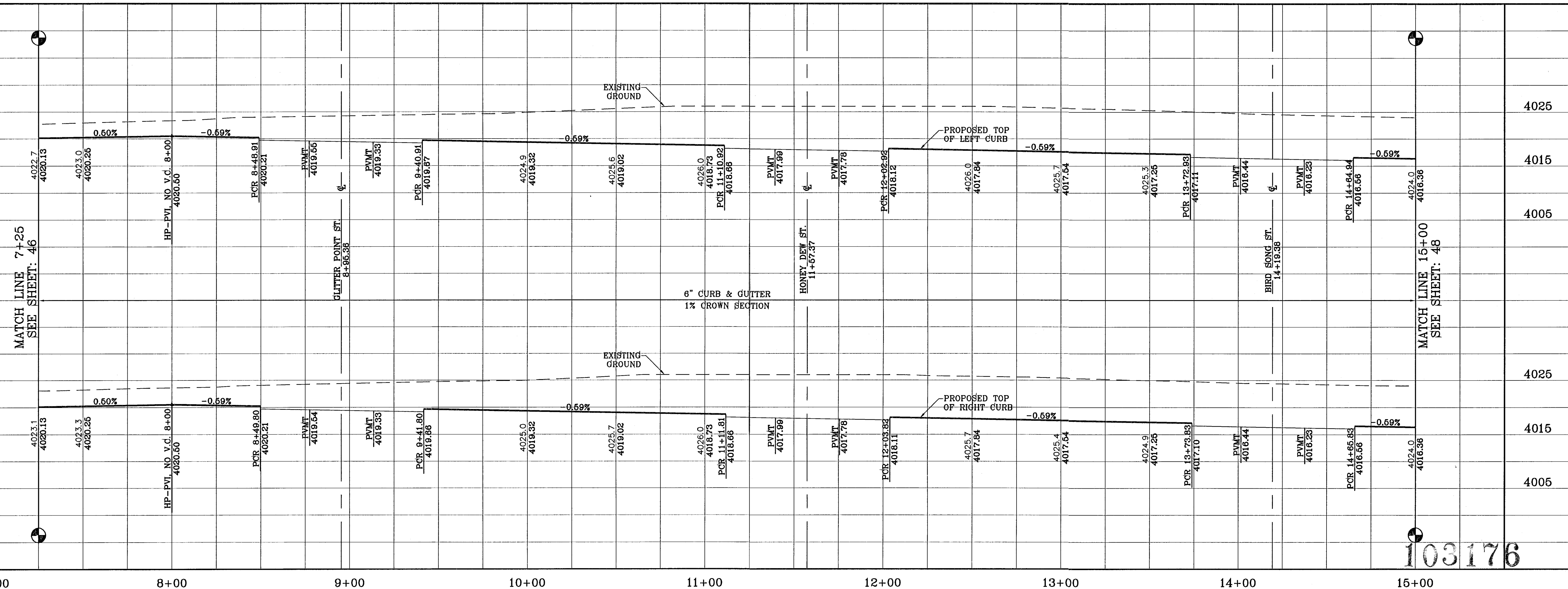
SHT 46 OF 82

FILE LOCATION S:\Subdivisions\TDE 64 REVISED\dwg\TDE_64-PP10-HIGH ROCK-SUN SEEKER PLOTTED ON Tuesday, May 03, 2011 11:02:18 AM BY RUBEN RIVERA

SEE SHEET 29 FOR TRAFFIC CIRCLE DETAIL



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C9	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C10	28.00	43.71	27.73	39.41	S45°18'10"W	89°26'35"
C11	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"
C12	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"
C13	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C14	28.00	43.71	27.73	39.41	S45°18'10"E	89°26'35"
C15	28.00	43.71	27.73	39.41	N45°18'10"W	90°33'25"
C16	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"
C17	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C18	28.00	43.71	27.73	39.41	S45°18'10"E	89°26'35"
C19	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"
C20	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"



103176

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE. 400
 EL PASO, TEXAS 79936

TERRA DEL ESTE UNIT SIXTY FOUR

PROJECT NAME: TERRA DEL ESTE UNIT SIXTY FOUR
 BENCHMARK: COPPER-CLAD STEEL ROD
 DESIGNATED X 1118" PID "C0141"
 ELEVATION: 3997.12

DATE: 11/30/10
 CITY REDLINES AS PER 11/16/10 COMMENTS
 REVISIONS: 04/25/11
 CITY REDLINES AS PER 04/19/11 COMMENTS

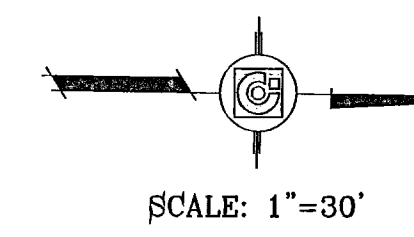
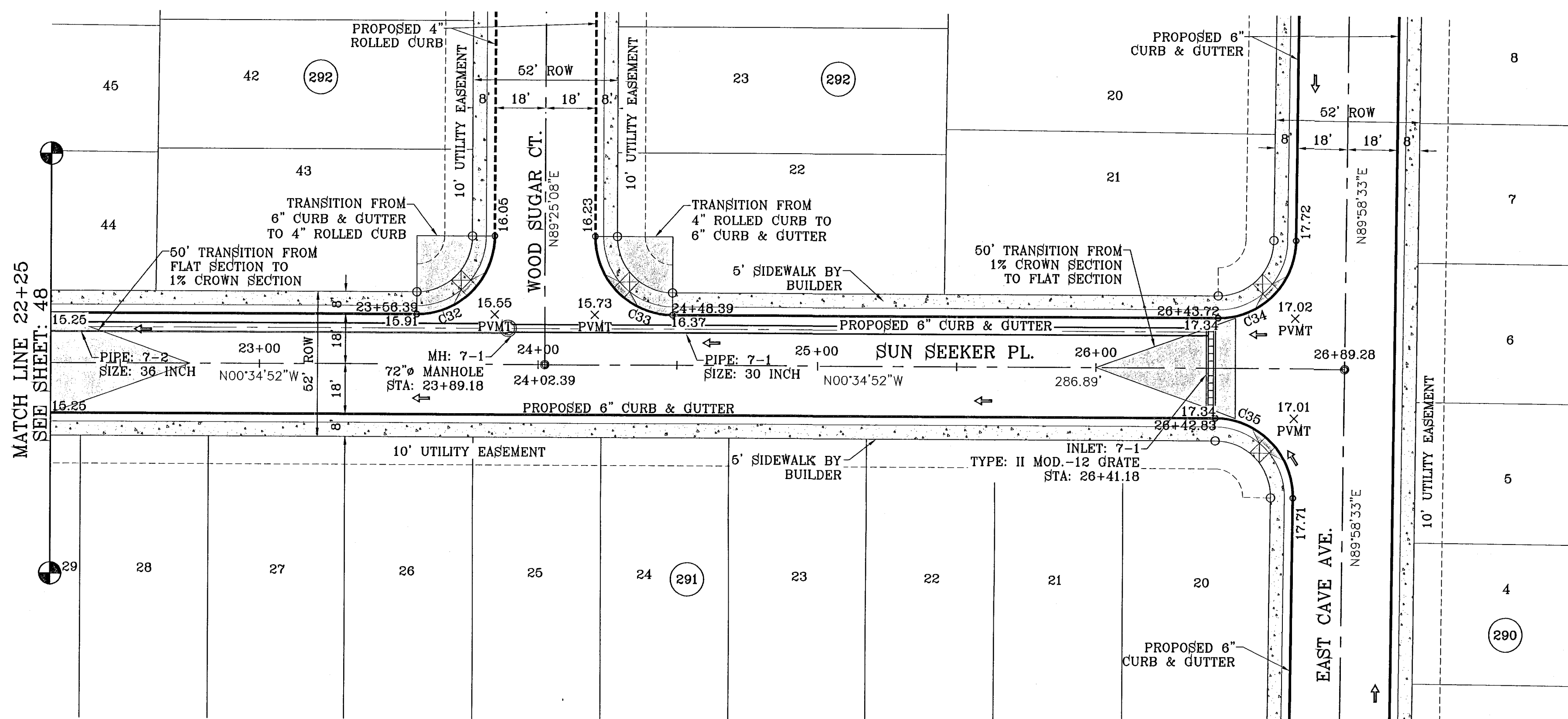
SCALE: 1"=30'
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

ENGINEER'S SEAL

SHEET TITLE: STREET PLAN-PROFILE
 HIGH ROCK DR.
 STA: 7+25
 TO
 STA: 15+00

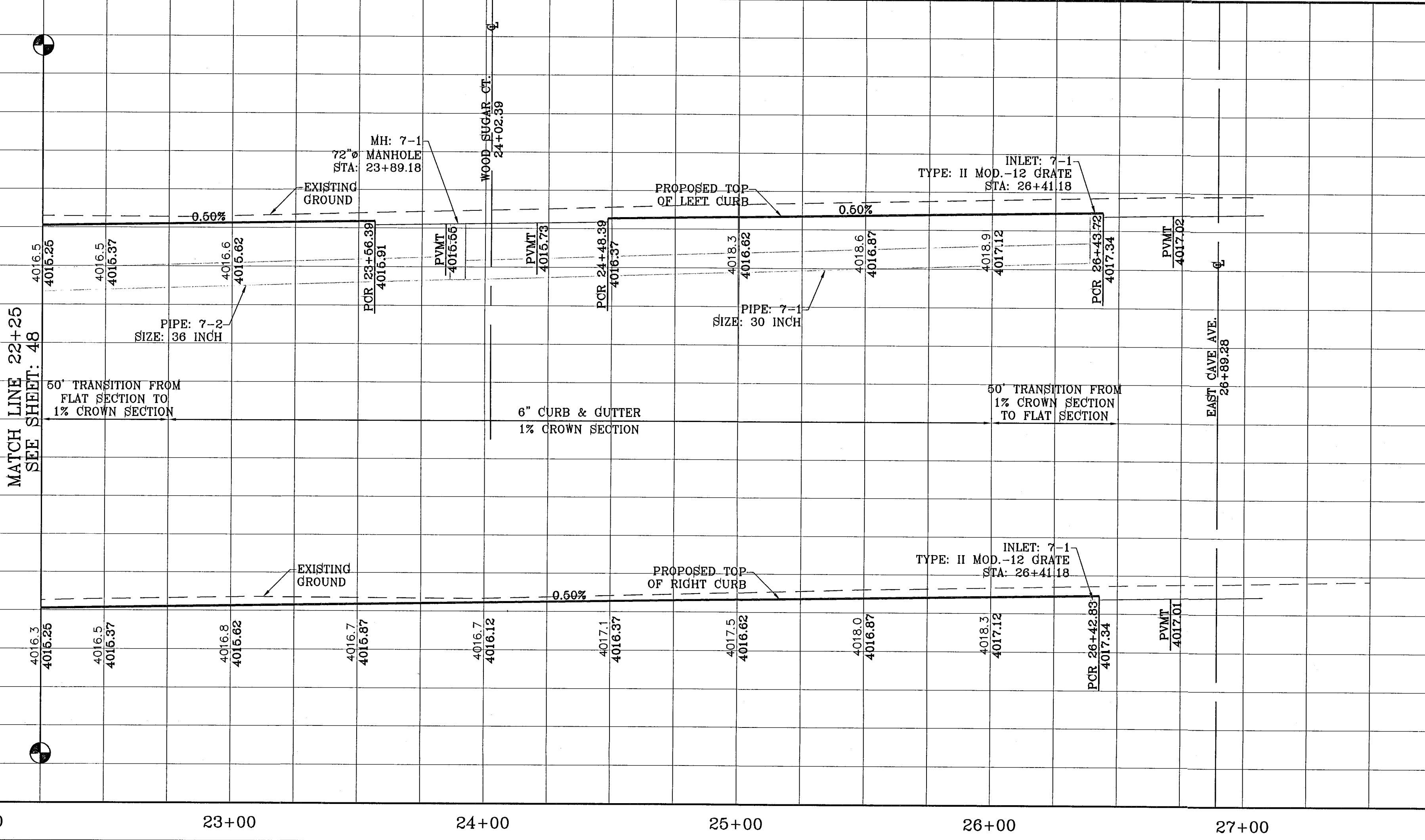
SHT 47 OF 82

SHEETDATE 64 REVISED DATE 64 PLOT HIGH ROCK-SUN SEEKER PLOTTED ON Thursday, December 02, 2010 10:36:57 AM BY EDGAR GUTIERREZ
FILE LOCATION E:\EDGAR\TDE_64_REVISED\dwg\TDE_64-PP10-HIGH ROCK-SUN SEEKER.DWG 12/2/2010 10:36:57 AM FRONT 64



SEE SHEET 70 FOR DRAINAGE STRUCTURE #7

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C32	28.00	43.98	28.00	39.60	N45°34'52"W	90°00'00"
C33	28.00	43.98	28.00	39.60	N44°25'08"E	90°00'00"
C34	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'36"
C35	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"



103176

TIERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED "X 1118" PID "CE0141"	ELEVATION: 3987.12
DATE	REVISIONS
11/30/10	CITY REDLINES AS PER 11/16/10 COMMENTS E.F.G.

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

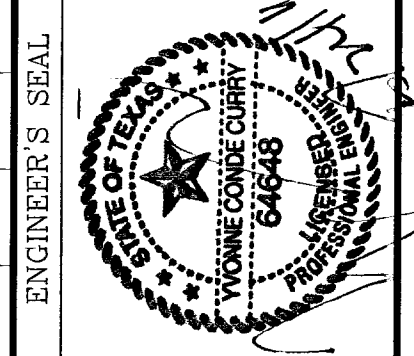
BENCH MARK
NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED "X 1118" PID "CE0141"
ELEVATION: 3987.12

REVISIONS
DATE: 11/30/10
BY: CITY REDLINES AS PER 11/16/10 COMMENTS E.F.G.

DESCRIPTION
BEING A PORTION OF SECTIONS 17 AND 18, BLOCK 76
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS
CONTAINING 138.768 ACRES

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

DATE: SEPT. 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41



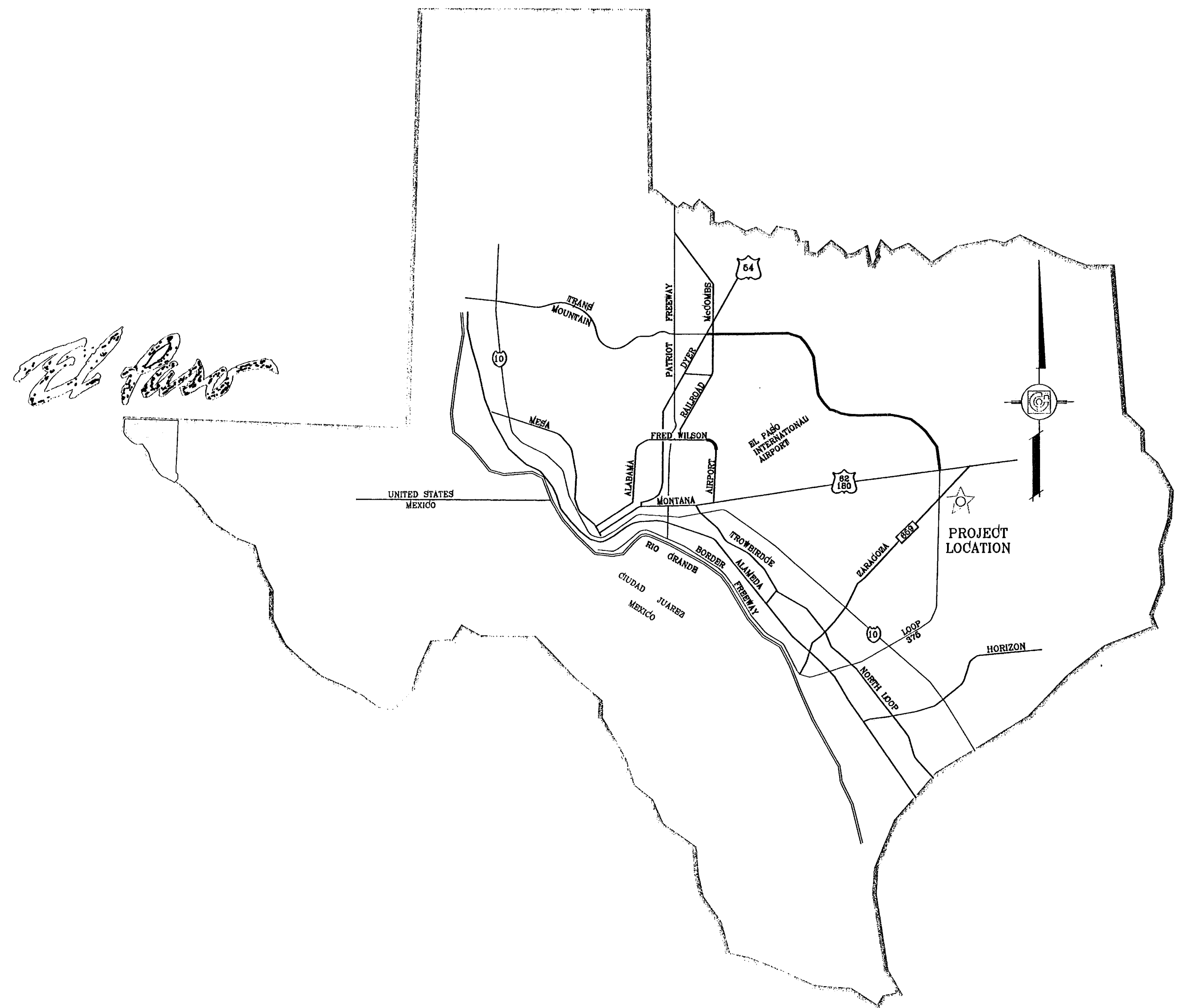
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS

1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936



SHEET TITLE
STREET
PLAN-PROFILE

SUN SEEKER PL.
STA: 22+25
TO
STA: 26+89.28

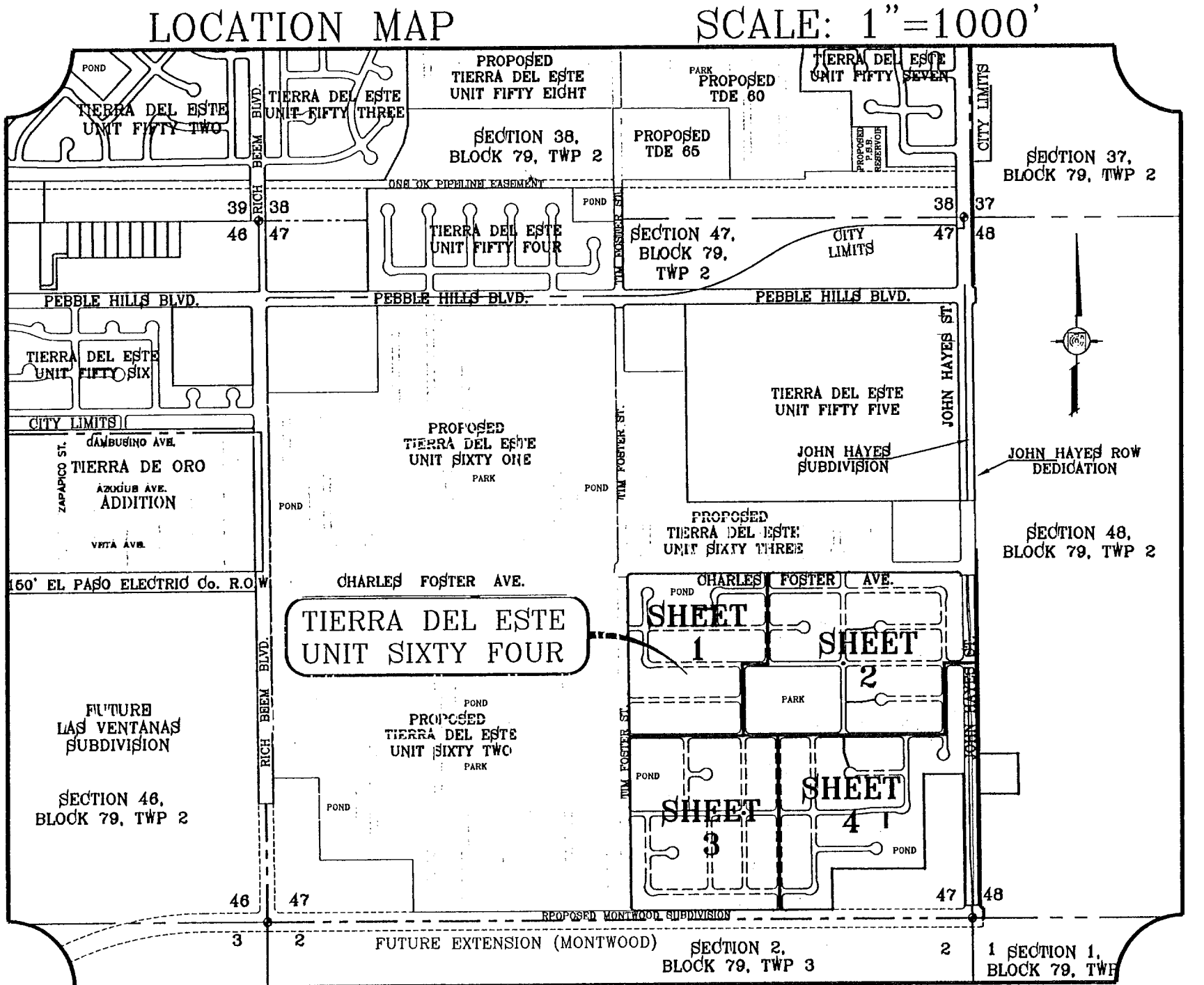


TIERRA DEL ESTE
UNIT SIXTY FOUR
PROJECT
LOCATION

DEVELOPMENT SERVICES DEPARTMENT
SITE PLAN REVIEW
Reviewed For Conformance For Conditions Related To:
 - Demolition Only
 - Grading & Drainage
 - Wheelchair Ramps
 - On Site Parking Layout
 - Sidewalks
 - Driveways
 - Retaining Rock Walls
 - On-Site Fencing of Storm Waters
 Contractor Must Call 24 Hours Prior To Construction For Inspection
 BY *[Signature]* DATE 6/21/11

STREET IMPROVEMENTS

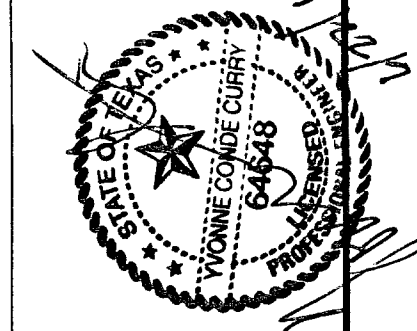
I N D E X



TITLE	SHEET No.	TITLE	SHEET No.
COVER SHEET	1 OF 82	LEAFY POINT PL.	50 OF 82
PLAT	2-5 OF 82	SOUTH CAVE AVE.	50-62 OF 82
GRADING	6-9 OF 82	BIRD SONG ST.	52-54 OF 82
GRADING SECTIONS	10-12A OF 82	HONEY COMB PL.	55 OF 82
DRAINAGE	13-16 OF 82	MAPLE LEAVES CT.	56 OF 82
S.W.P.P. AND STANDARD DETAILS	17-20 OF 82	KIOWA POINT CT.	56 OF 82
JOHN HAYES ST.	21-24 OF 82	MORNING MIST PL.	57 OF 82
OWL POINT AVE.	25-26 OF 82	GLITTER POINT ST.	58-60 OF 82
AZURE SKY PL.	27 OF 82	WOODS POINT AVE.	61-62 OF 82
EARLY MORN AVE.	27-31 OF 82	HONEY DEW ST.	63-64 OF 82
NORTH CAVE DR.	32-35 OF 82	VALLEY LIGHT CT.	65 OF 82
EASTERN SKY ST.	35-36 OF 82	WOOD SUGAR CT.	66 OF 82
STEFFI GRAF DR.	37 OF 82	DRAINAGE STRUCTURES	67-71 OF 82
EAST CAVE AVE.	38-41 OF 82	POND SECTIONS	72-75 OF 82
PLAYA POINT ST.	42-43 OF 82	STRUCTURE DETAILS	76 OF 82
WHISPER MARE CT.	44 OF 82	STANDARD DETAILS	77-78 OF 82
KAREN POINT CT.	45 OF 82	ILLUMINATION PLAN	79-82 OF 82
HIGH ROCK DR.	46-48 OF 82	LANDSCAPE & IRRIGATION PLAN	L1-L12 OF 12
SUN SEEKER PL.	48-49 OF 82		

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

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS,
CONTAINING 139.766 ACRES



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1700 LEE TRIVINO STE. 400
EL PASO, TEXAS 79906

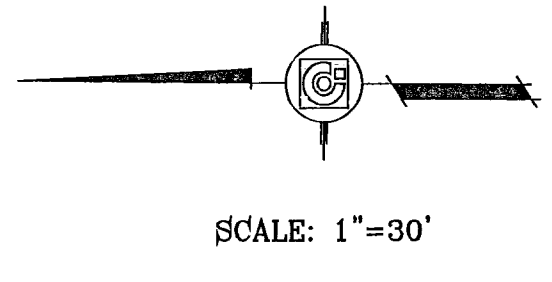
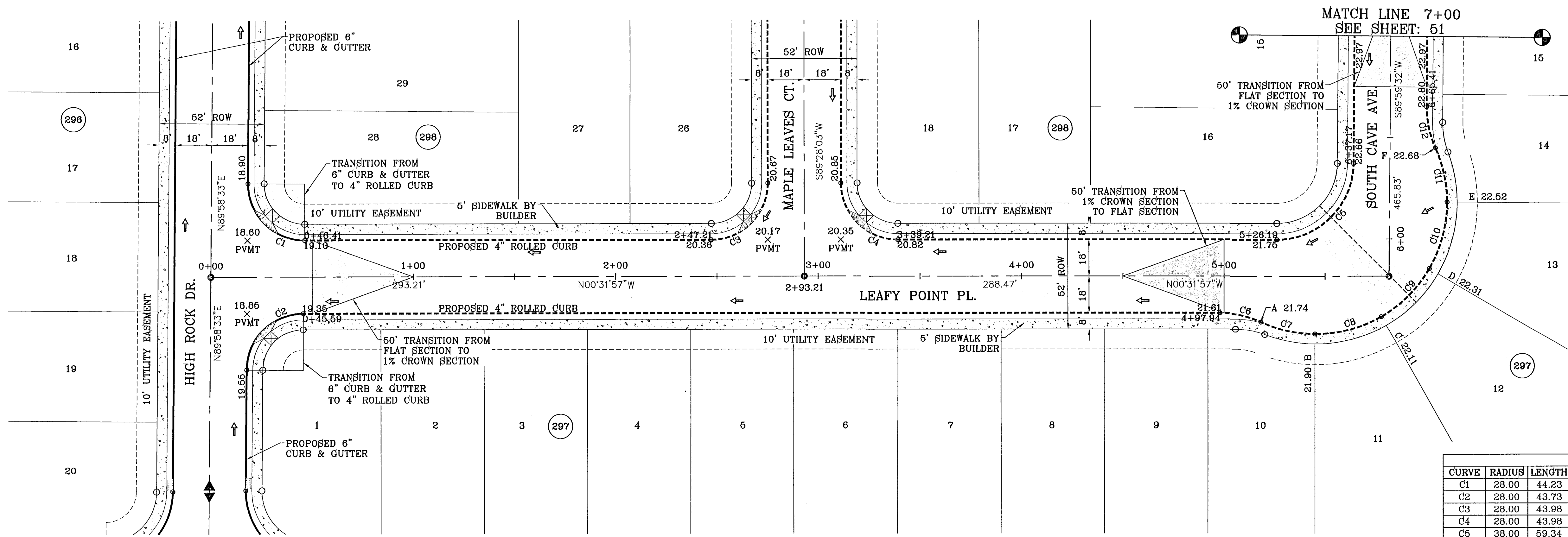


SHT 1 OF 82

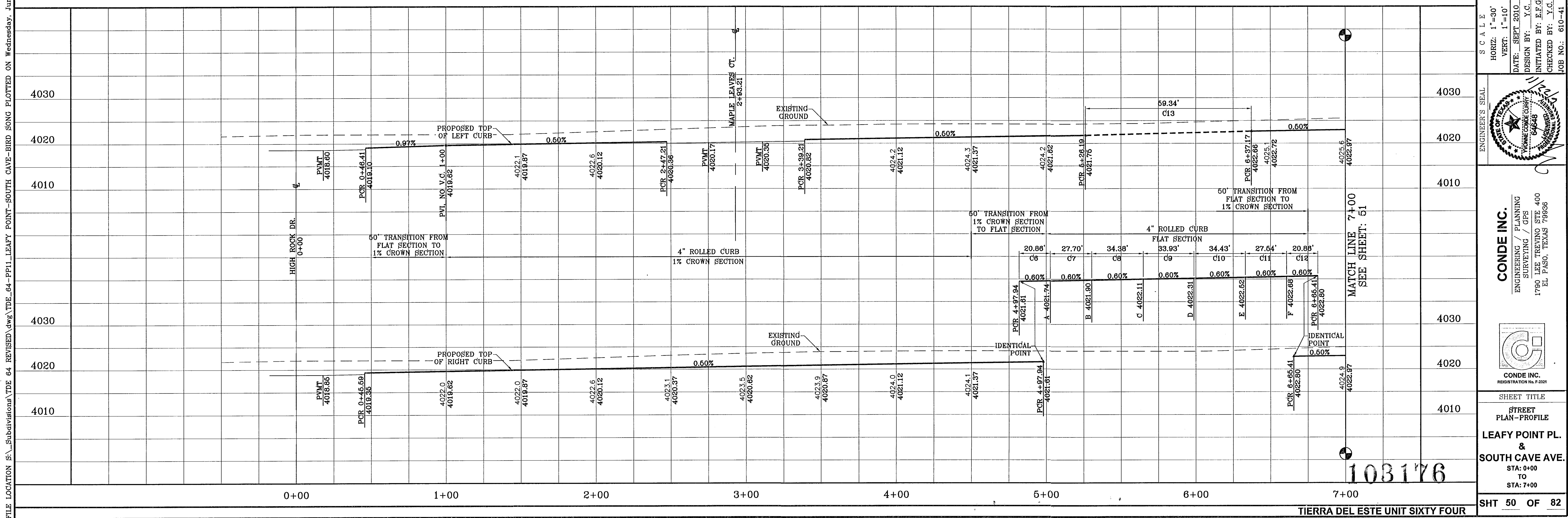
103176

Section 2 of 2 Pages 50 to 82 TIERRA DEL ESTE UNIT SIXTY FOUR
Plus "L" PAGES

FILE LOCATION S:\Subdivisions\TDE 64 REVISED.dwg\TDE_64-PP11_LEAFY POINT-SOUTH CAVE-BIRD SONG PLOTTED ON Wednesday, June 22, 2011 8:20:38 AM BY RUBEN RIVERA



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"
C2	28.00	43.73	27.75	39.42	N46°16'42"W	99°29'29"
C3	28.00	43.98	28.00	39.60	S45°31'57"E	90°00'00"
C4	28.00	43.98	28.00	39.60	S44°28'03"W	90°00'00"
C5	38.00	59.34	37.65	53.49	S45°18'13"E	89°28'30"
C6	48.00	20.86	10.80	20.69	N11°54'54"E	24°53'43"
C7	65.00	27.70	14.07	27.49	S12°09'09"W	24°25'12"
C8	65.00	34.38	17.60	33.98	S16°12'37"E	30°18'21"
C9	65.00	33.93	17.36	33.65	S45°19'05"E	29°54'35"
C10	65.00	34.43	17.63	34.03	S75°26'52"E	30°21'00"
C11	65.00	27.54	13.98	27.34	N77°14'14"E	24°16'48"
C12	48.00	20.86	10.60	20.69	S77°32'41"W	24°53'43"



PROJECT NAME: TIERRA DEL ESTE UNIT SIXTY FOUR

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

DATE: SEPT. 2010

DESIGN BY: Y.C.

INITIATED BY: E.F.G.

CHECKED BY: Y.C.

JOB NO.: 610-41

ENGINEER'S SEAL: [Professional Engineer Seal for Y.C. No. 64648]

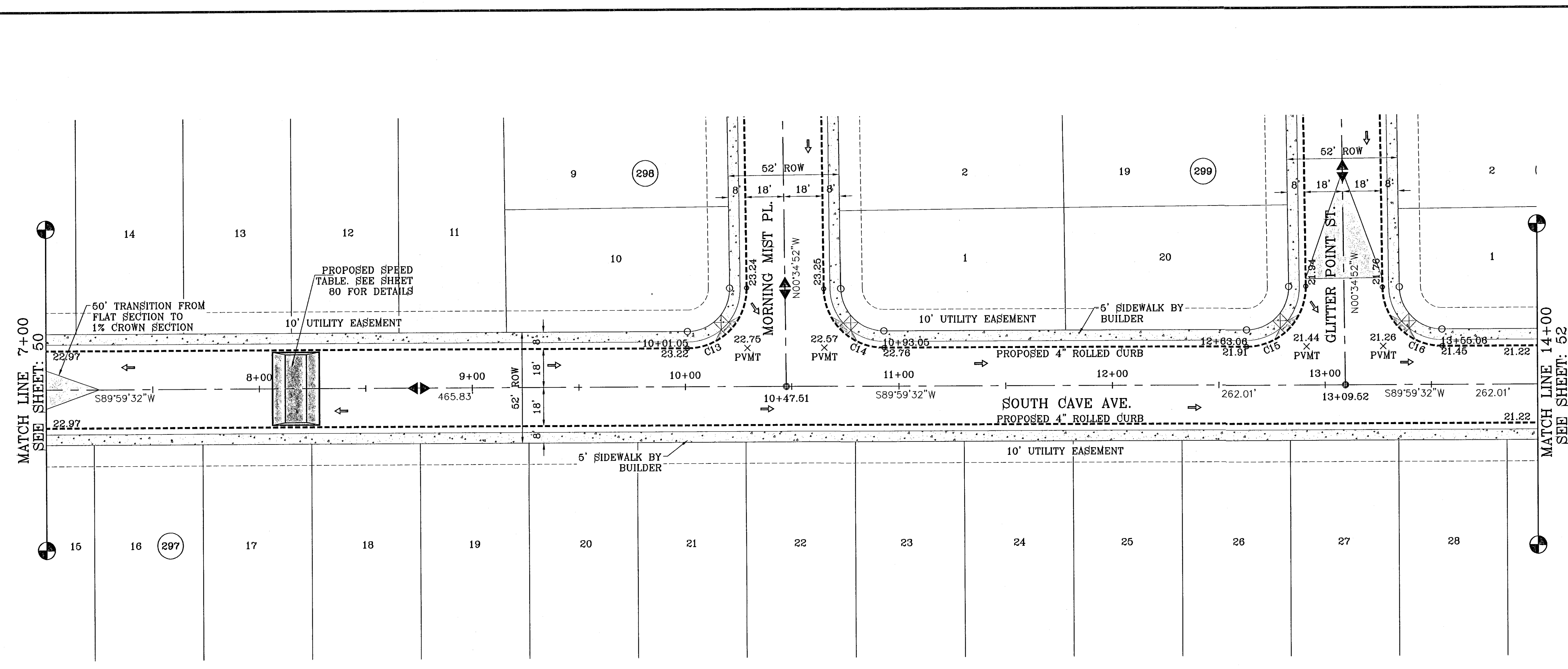
CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS 1790 LEE TREVINO STE 400 EL PASO, TEXAS 79936

SHEET TITLE: STREET PLAN - PROFILE LEAFY POINT PL. & SOUTH CAVE AVE.

STA: 0+00 TO STA: 7+00

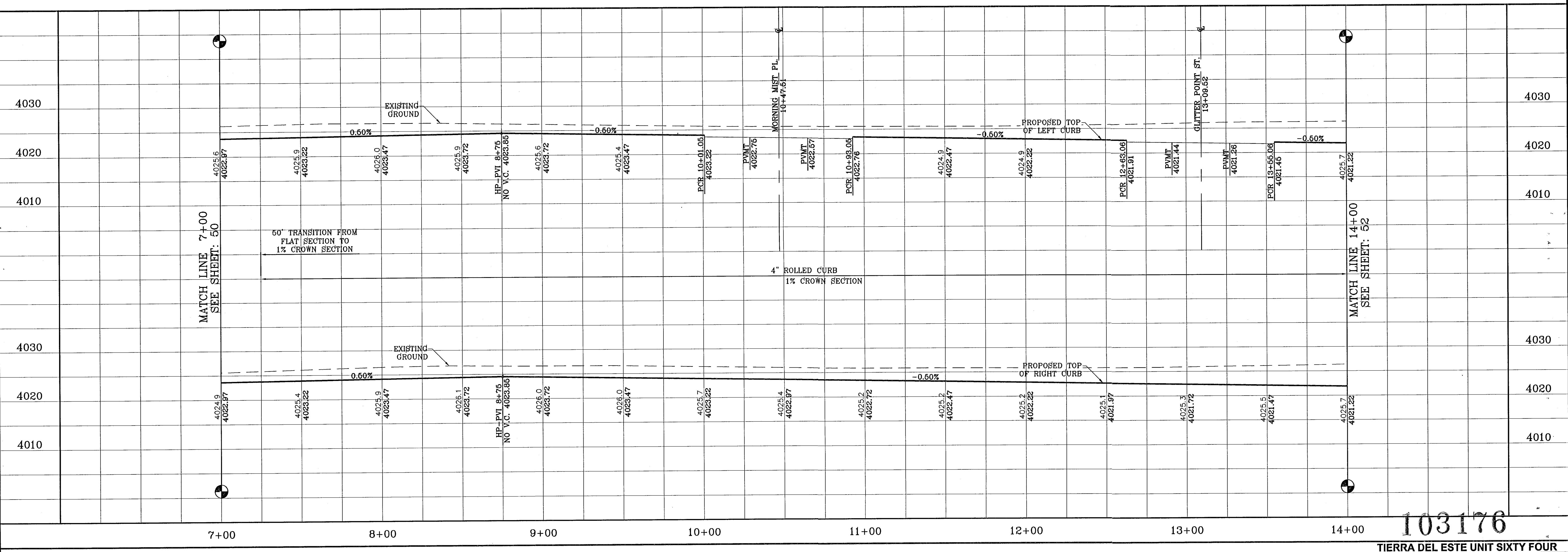
SHT 50 OF 82

S:\EDGAR\REVISED\WDE_64\PP1_1 LEAFY POINT SOUTH CAVE BIRD SONG.dwg, 12/22/10 10:37:08 AM, FRONT.dwg
FILE LOCATION: S:\EDGAR\WDE_64 REVISED\dwg\WDE_64-PP1_1 LEAFY POINT SOUTH CAVE-BIRD SONG PLOTTED ON Thursday, December 02, 2010 10:37:09 AM BY EDGAR GUTIERREZ



SCALE: 1"=30'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C13	28.00	44.26	28.28	39.80	N44°42'20"E	90°34'24"
C14	28.00	43.70	27.72	39.40	S45°17'40"E	89°25'36"
C15	28.00	44.26	28.28	39.80	N44°42'20"E	90°34'24"
C16	28.00	43.70	27.72	39.40	S45°17'40"E	89°25'36"




103176

BENCHMARK	NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED: X 1118" PID: CE0141" ELEVATION: 9987.12
DATE	
REVISIONS	
BY	

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

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS,
CONTAINING 159.766 ACRES

ENGINEER'S SEAL

 S C A L E
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

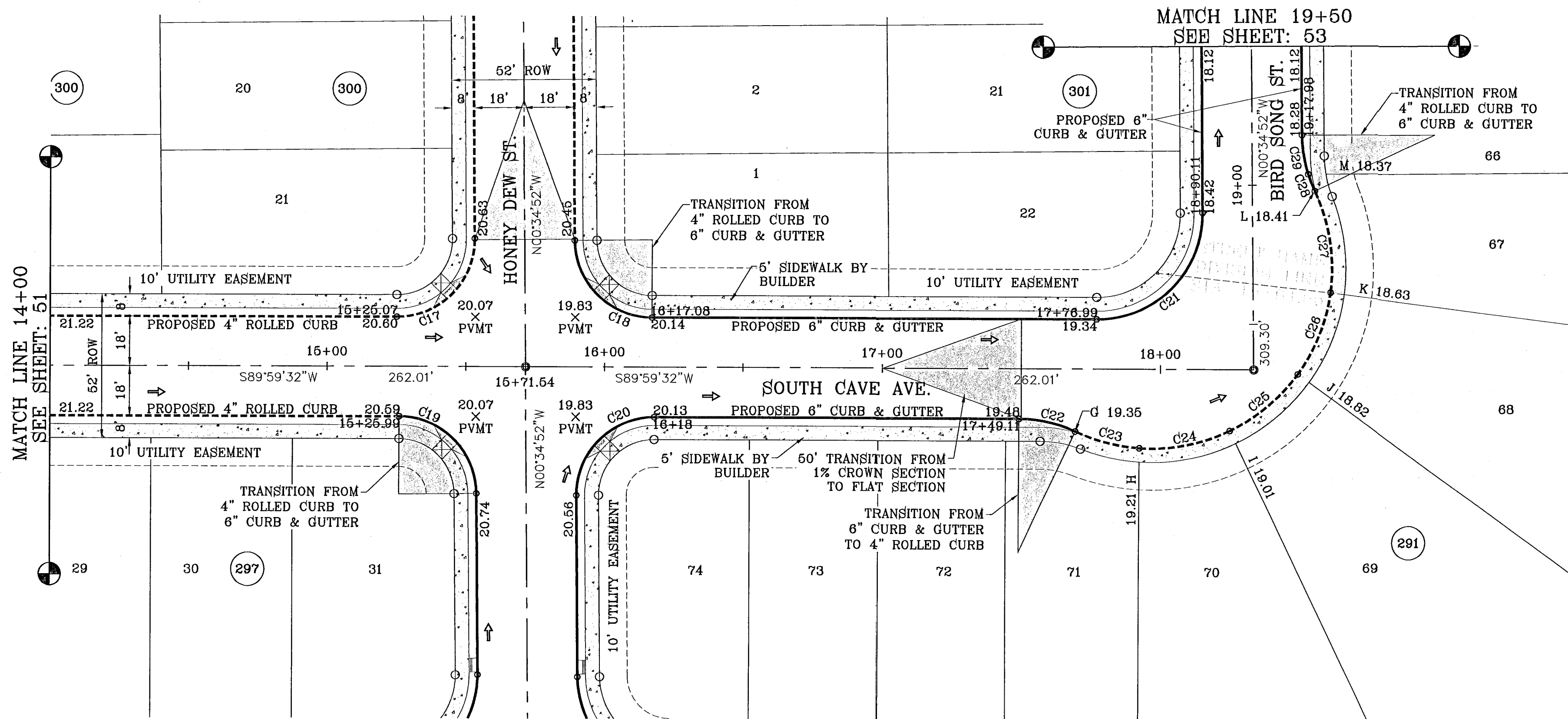
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1700 LEE TREVINO STE 400
 EL PASO, TEXAS 79906



SHEET TITLE
**STREET
PLAN-PROFILE**

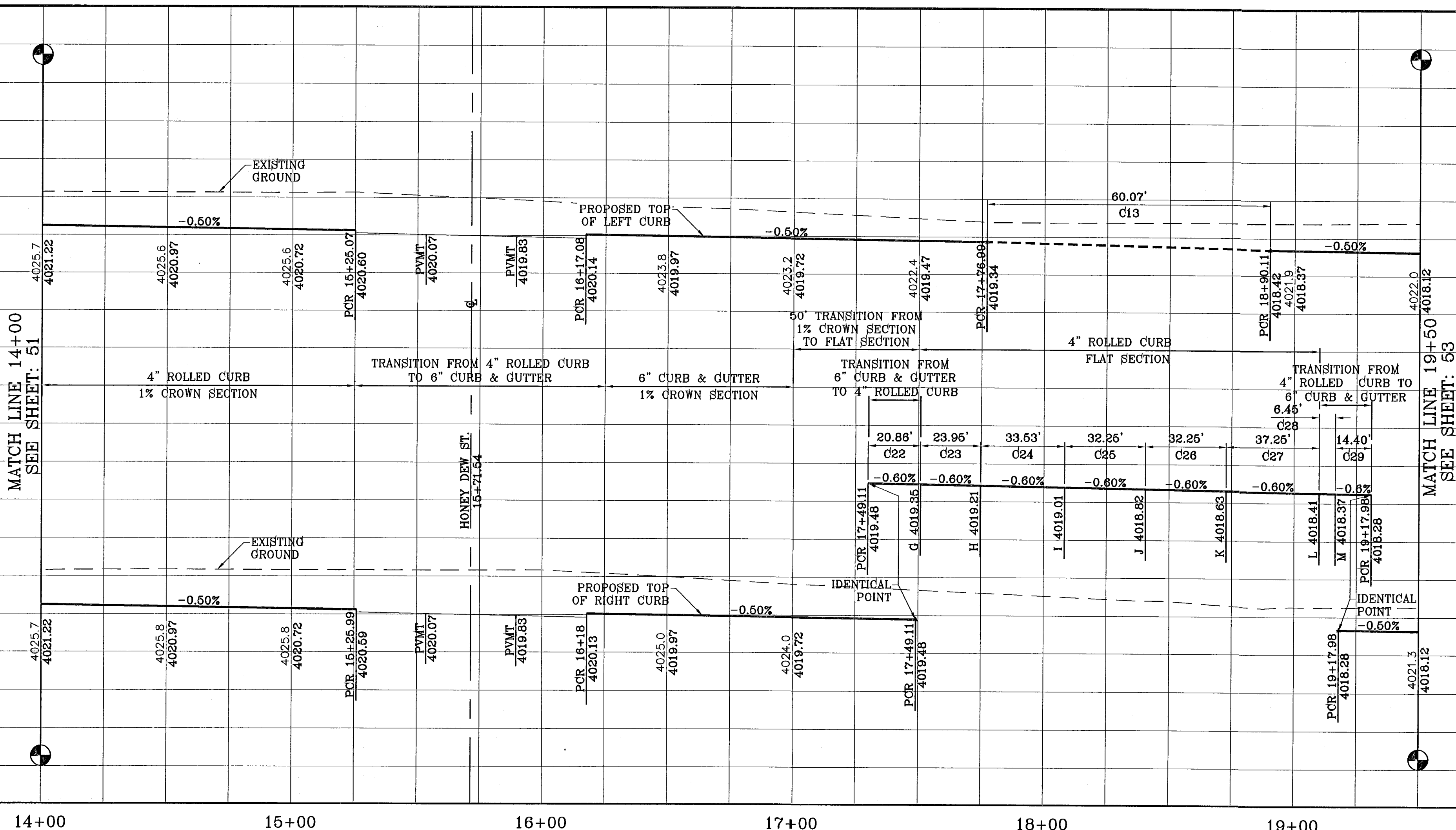
SOUTH CAVE AVE.
 STA: 7+00
 TO
 STA: 14+00

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SCALE: 1"=30'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C17	28.00	44.26	28.28	39.80	N44°42'20"E	90°34'24"
C18	28.00	43.70	27.72	39.40	S45°17'40"E	89°25'36"
C19	28.00	43.70	27.72	39.40	N45°17'40"W	89°25'36"
C20	28.00	44.26	28.28	39.80	S44°42'20"W	90°34'24"
C21	38.00	60.07	38.38	54.01	N44°42'20"E	90°34'24"
C22	48.00	20.86	10.60	20.69	N77°33'37"W	24°53'43"
C23	65.00	23.95	12.11	23.81	S75°40'00"E	21°06'28"
C24	65.00	33.53	17.15	33.16	N79°00'01"E	29°33'31"
C25	65.00	32.25	16.47	31.92	N50°00'20"E	28°25'50"
C26	65.00	32.25	16.47	31.92	N21°34'30"E	28°25'50"
C27	65.00	37.25	19.15	36.74	N09°03'30"W	32°50'10"
C28	48.00	6.45	3.23	6.45	S21°37'30"E	7°42'08"
C29	48.00	14.40	7.26	14.35	S09°10'39"E	17°11'34"



103176

PROJECT NAME		TIERRA DEL ESTE UNIT SIXTY FOUR	
BENCHMARK		NGS MARKER: COPPER-GLAD STEEL ROD DESIGNATED: X 118' PVD 'CE0141' ELEVATION: 3867.12	
DATE	11/30/10	CITY REDLINES AS PER	11/15/10 COMMENTS
BY		REVISIONS	E.F.G.

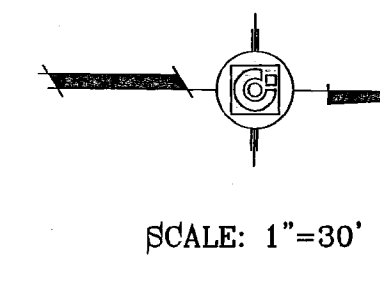
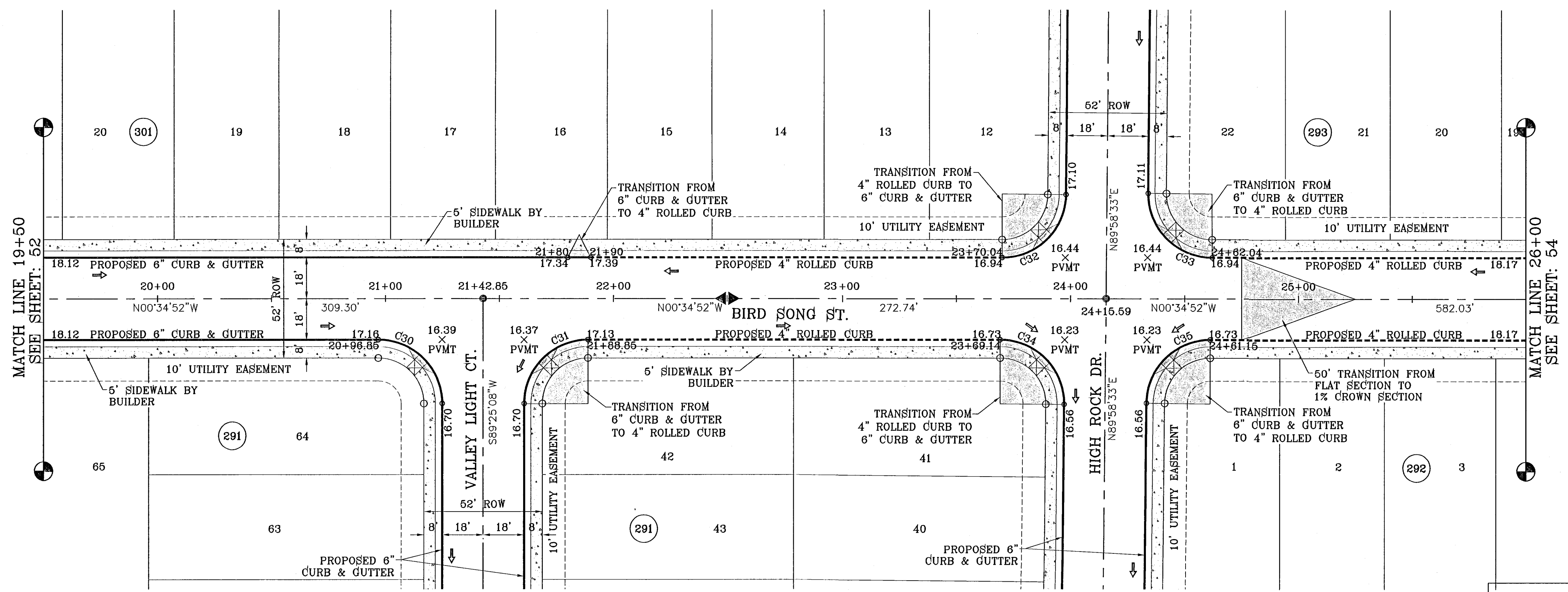
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
 TOWNSHIP 10 NORTH, RANGE 10 WEST, COUNTY, TEXAS,
 CONTAINING 159.788 ACRES.

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

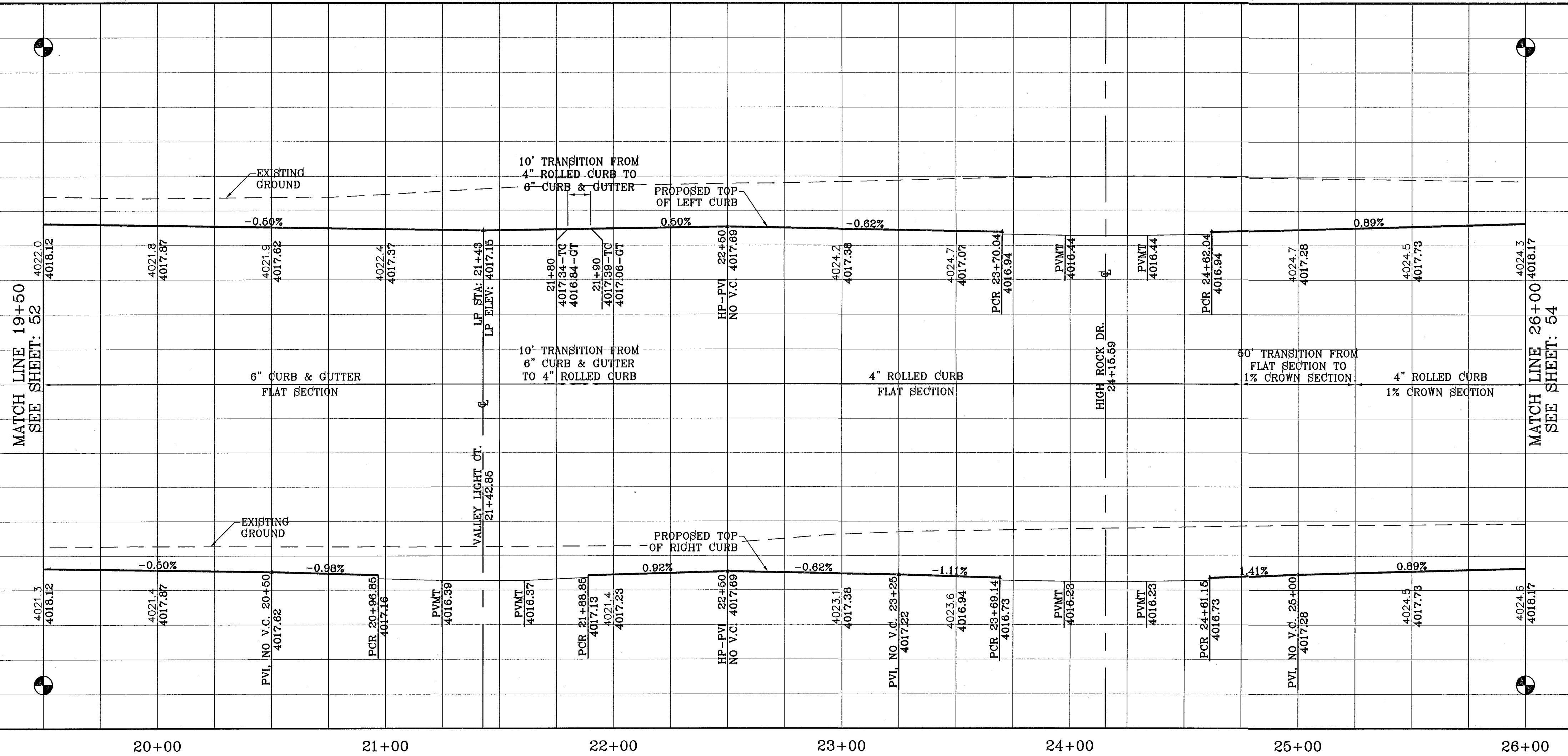
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
 STREET
 PLAN-PROFILE
 SOUTH CAVE AVE.
 &
 BIRD SONG ST.
 STA: 14+00
 TO
 STA: 19+50
 SHT 52 OF 82

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 FILE LOCATION S:\EDGAR\YDE_04 REVISED.dwg, YDE_04-PP11_LEAFY POINT-SOUTH CAVE-BIRD SONG PLOTTED ON Thursday, December 02, 2010 10:37:55 AM BY EDGAR GUTIERREZ



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C30	28.00	43.98	28.00	39.60	S44°25'08"W	90°00'00"
C31	28.00	43.98	28.00	39.60	S46°34'52"E	90°00'00"
C32	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"
C33	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C34	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"
C35	28.00	43.71	27.73	39.41	S45°18'10"E	89°26'35"



BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: X 1118" PID "CE014"
ELEVATION: 3987.12	
DATE	REVISIONS
11/30/10	CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

**TIERRA DEL ESTE
UNIT SIXTY FOUR**

BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79,
TOWNSHIP 2 NORTH, RANGE 6 WEST, BATAVIA COUNTY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS,
CONTAINING 139.768 ACRES.

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

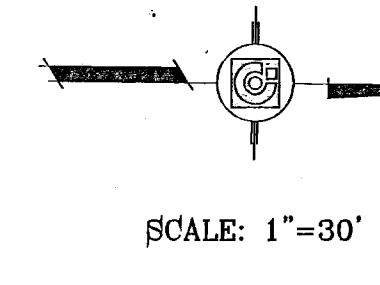
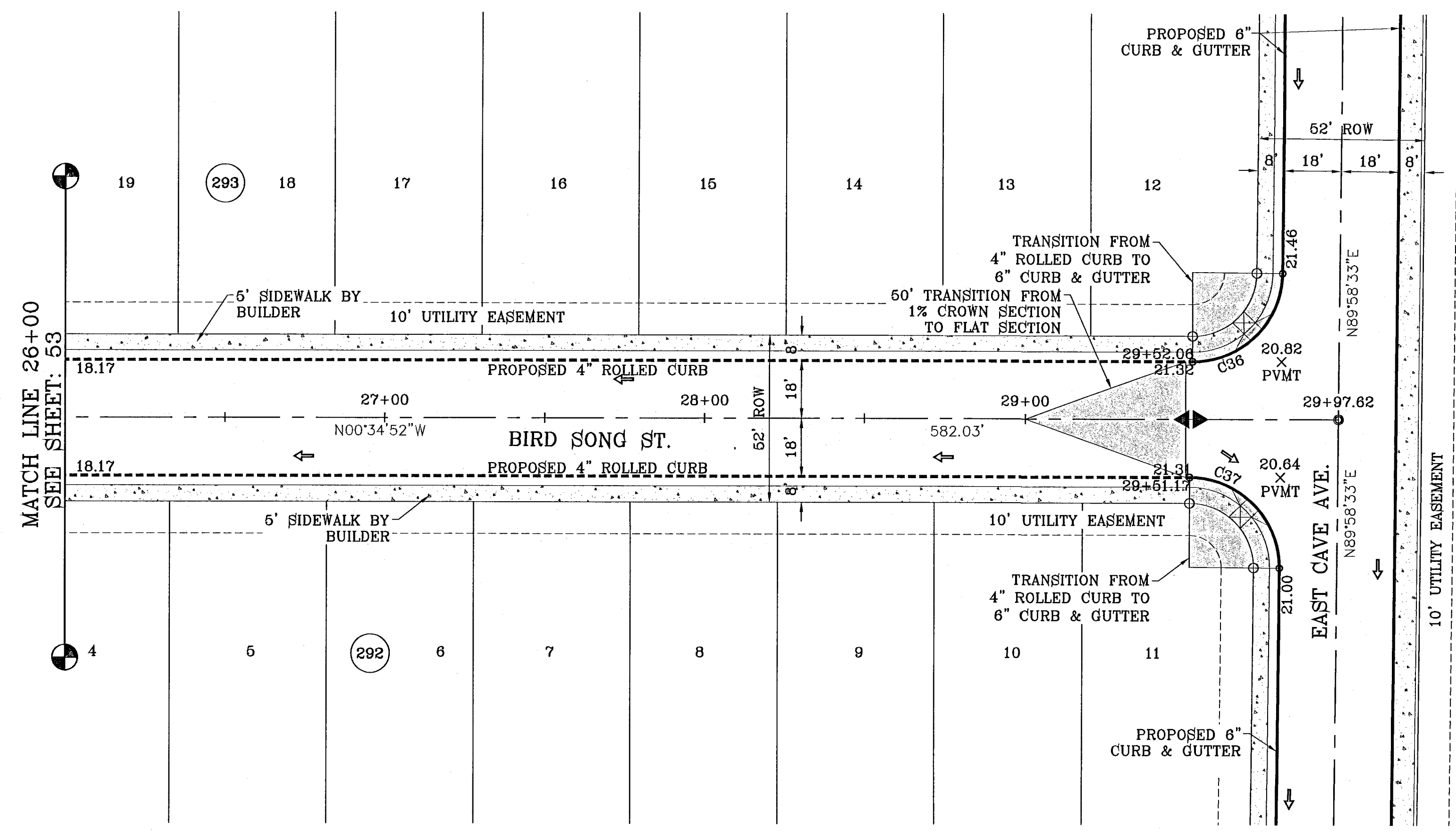
ENGINEER'S SEAL

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

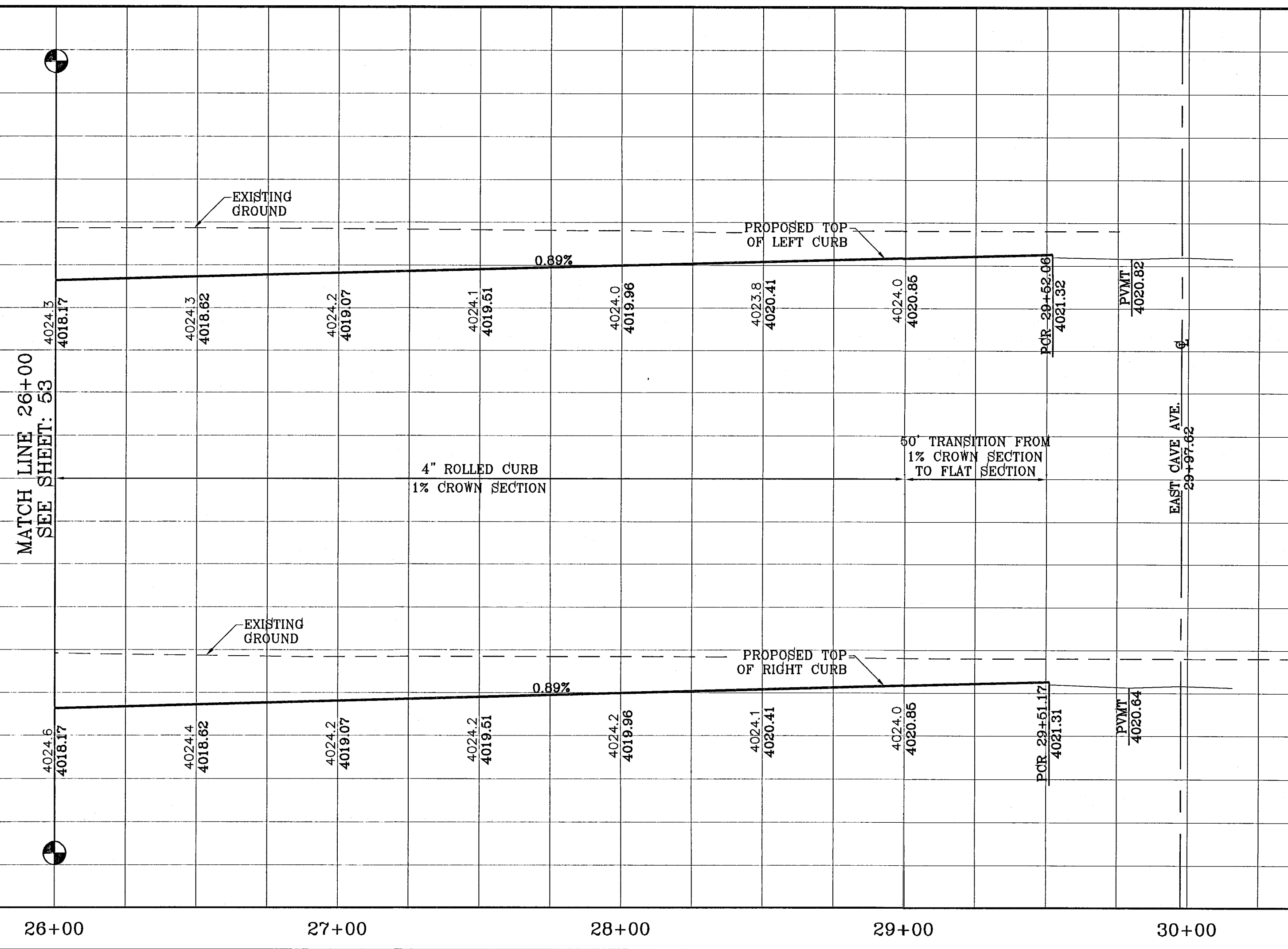
SHEET TITLE
BIRD SONG ST.
 STA: 19+50
 TO
 STA: 26+00

103176
 TIERRA DEL ESTE UNIT SIXTY FOUR

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FILE LOCATION S:\EDGAR\TDE_64 REVISED\W\TDE_64-PP1_LEAFY POINT SOUTH CAVE BIRD SONG PLOTTED ON Thursday, December 02, 2010 10:38:19 AM BY EDGAR COUTIERREZ



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C36	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"
C37	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"



BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED: X 1118' PID "CE0141" ELEVATION: 9987.12	REVISIONS
DATE: 11/30/10	CITY REDLINES AS PER 11/16/10 COMMENTS E.F.G.
BY:	

PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS,
CONTAINING 139.768 ACRES

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

DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936

CONDE INC.
REGISTRATION No. F-2321

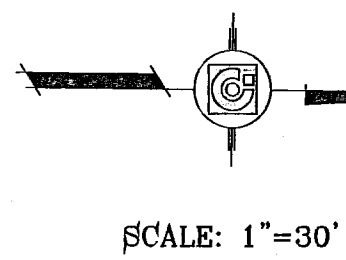
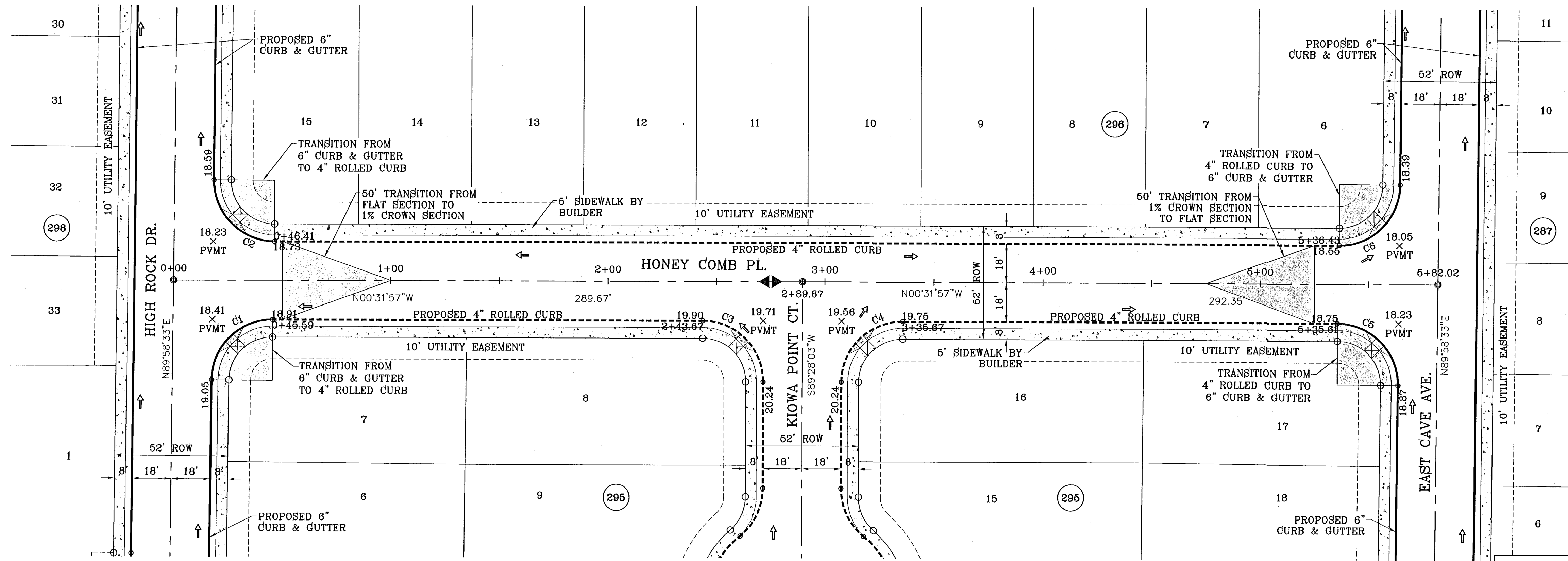
SHEET TITLE
STREET
PROFILE

BIRD SONG ST.
STA: 26+00
TO
STA: 29+97.62

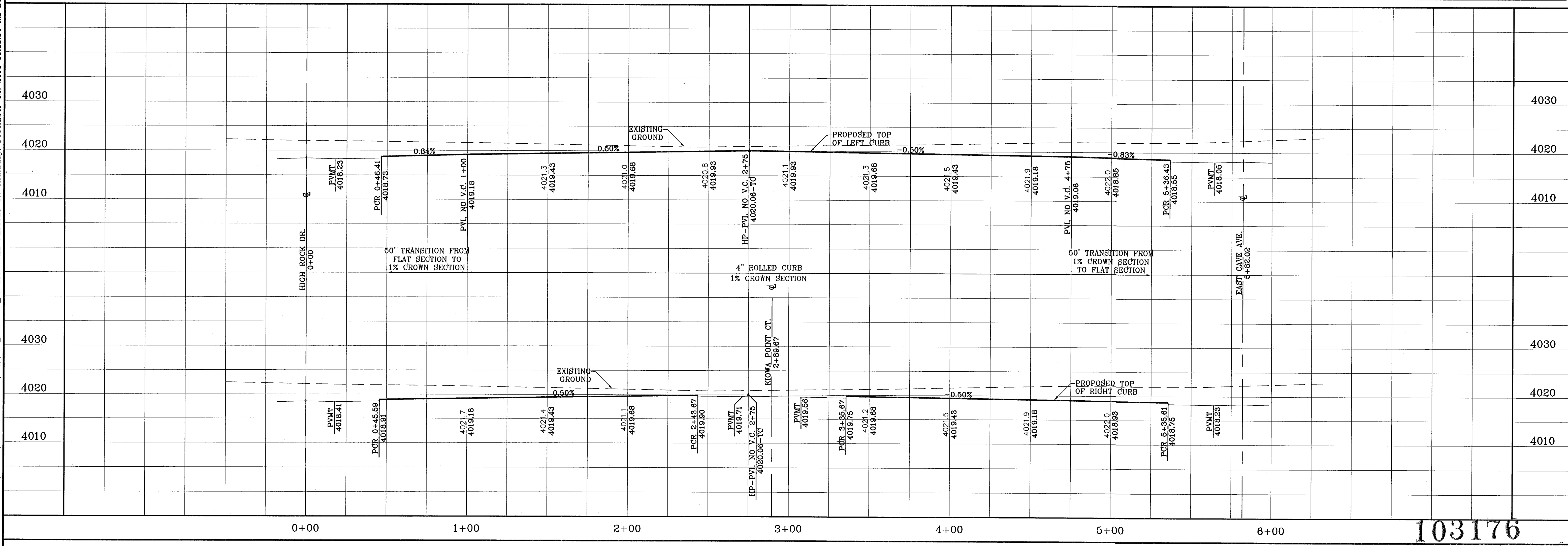
103176
TIERRA DEL ESTE UNIT SIXTY FOUR

SHT 54 OF 82

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 FILE LOCATION S:\EDGAR\TDE_64_REVISED\DWG_TDE_64_PP12_HONEY COMB PLOTTED ON Thursday, December 02, 2010 10:38:54 AM FRONT.dwg



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.73	27.75	39.42	S45°16'42"E	89°29'29"
C2	28.00	44.23	28.25	39.77	N44°43'18"E	90°30'31"
C3	28.00	43.98	28.00	39.60	S44°28'03"W	90°00'00"
C4	28.00	43.98	28.00	39.60	S45°31'57"E	90°00'00"
C5	28.00	44.23	28.25	39.77	S44°43'18"W	90°30'31"
C6	28.00	43.73	27.75	39.42	N45°16'42"W	89°29'29"



PROJECT NAME
 TIERRA DEL ESTE
 UNIT SIXTY FOUR

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

DATE: SEPT. 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.

JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
 STREET
 PLAN - PROFILE

HONEY COMB PL.
 STA: 0+00
 TO
 STA: 6+00

103176
 TIERRA DEL ESTE UNIT SIXTY FOUR

SHT 55 OF 82

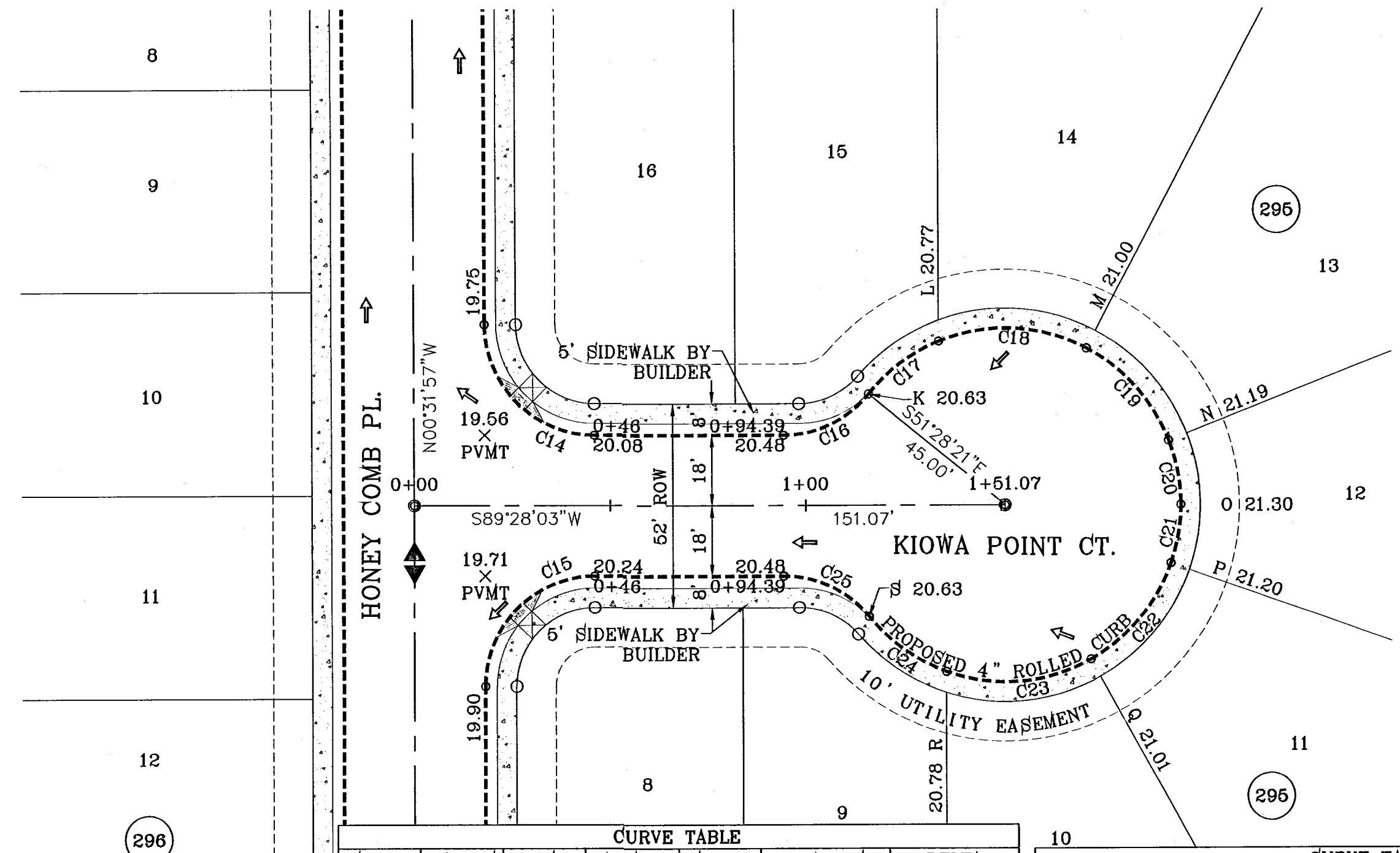
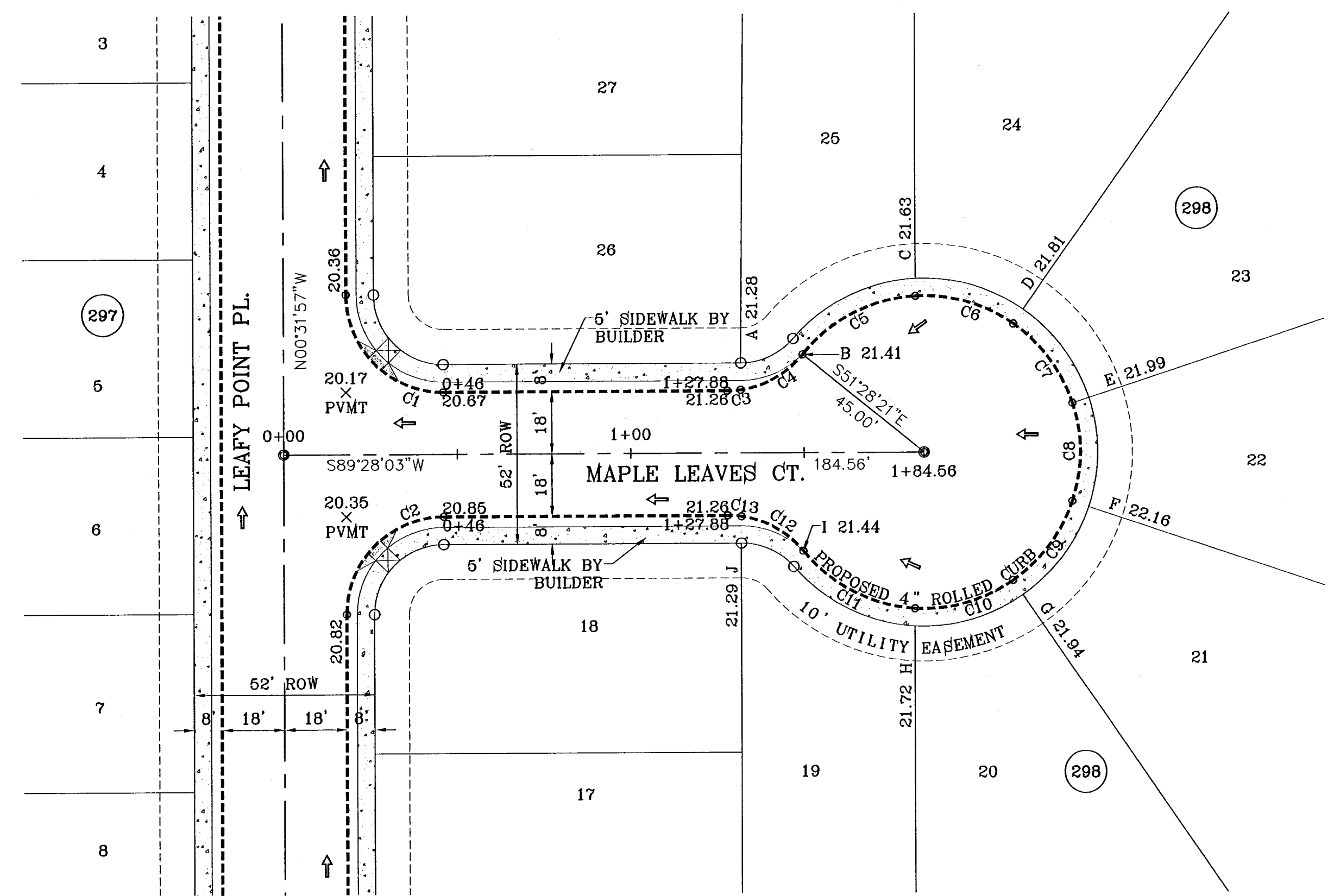
REVISIONS

DATE	REVISIONS	BY
11/30/10	CITY REDLINES AS PER 11/15/10 COMMENTS	E.F.G.
	DESIGNATED 1119 CID CE0141	
	ELEVATION: 9897.12	

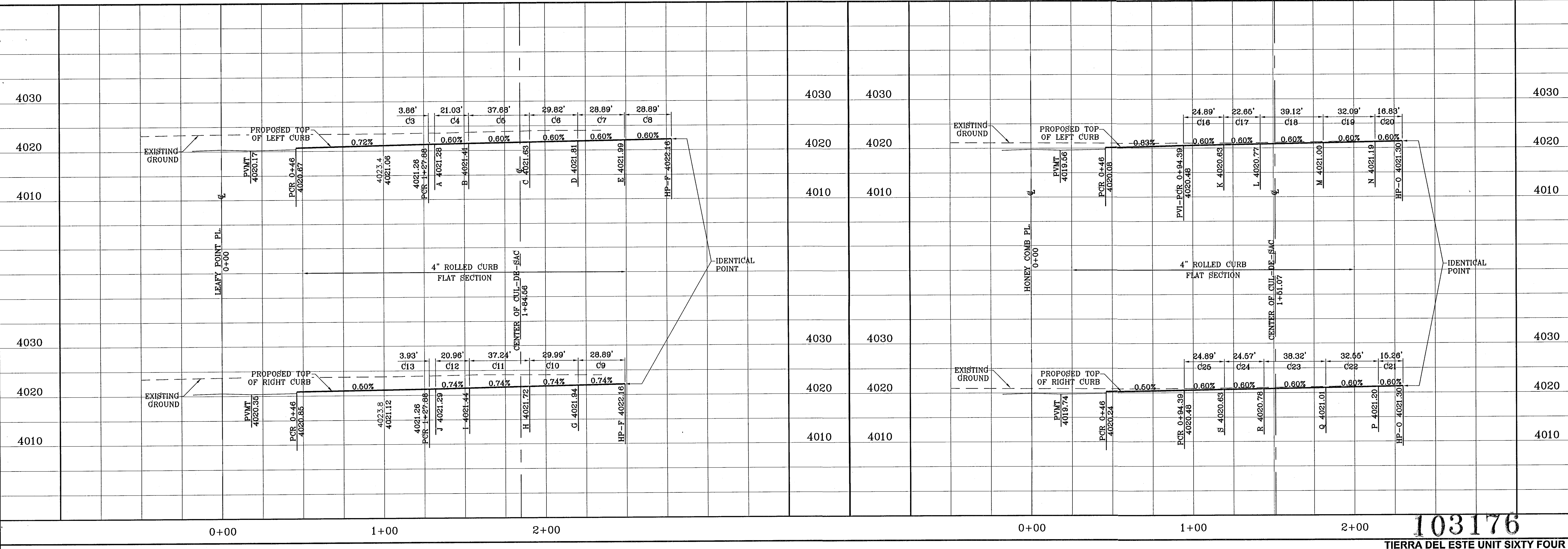
BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED 1119 CID CE0141
 ELEVATION: 9897.12

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
 COUNTY OF EL PASO COUNTY, TEXAS.
 CITY OF TIERRA DEL ESTE, TEXAS,
 CONTAINING 138.706 ACRES

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CURVE TABLE							CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA	CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.98	28.00	39.60	S45°31'57"E	90°00'00"	C14	28.00	43.98	28.00	39.60	S45°31'57"E	90°00'00"
C2	28.00	43.98	28.00	39.60	S44°28'03"W	90°00'00"	C15	28.00	43.98	28.00	39.60	S44°28'03"W	90°00'00"
C3	28.00	3.86	1.93	3.86	N85°30'53"E	7°54'20"	C16	28.00	24.89	13.34	24.08	N63°59'51"E	50°56'23"
C4	28.00	21.03	11.04	20.54	N60°02'41"E	43°02'04"	C17	45.00	22.65	11.57	22.41	S52°56'56"W	28°50'33"
C5	45.00	37.68	20.02	36.59	S62°30'51"W	47°58'24"	C18	45.00	39.12	20.90	37.90	N87°43'22"W	49°48'51"
C6	45.00	29.82	15.48	29.28	N74°30'59"W	37°57'55"	C19	45.00	32.09	16.76	31.41	N42°23'22"W	40°51'09"
C7	45.00	28.89	14.96	28.39	N37°08'41"W	36°46'41"	C20	45.00	16.83	8.52	16.73	N11°14'52"W	21°25'50"
C8	45.00	28.89	14.96	28.39	N00°22'00"W	36°46'41"	C21	45.00	15.25	7.70	15.18	N09°10'42"E	19°25'19"
C9	45.00	28.89	14.96	28.39	N36°24'42"E	36°46'41"	C22	45.00	32.55	17.02	31.85	N39°38'42"E	41°28'40"
C10	45.00	29.99	15.58	29.44	N73°53'40"E	38°11'16"	C23	45.00	38.32	20.41	37.17	N84°43'40"E	48°47'18"
C11	45.00	37.24	19.76	36.19	S63°18'08"E	47°25'08"	C24	45.00	24.57	12.60	24.27	S55°14'08"E	31°17'07"
C12	28.00	20.96	11.00	20.48	N61°02'21"W	42°53'33"	C25	28.00	24.89	13.34	24.08	N65°03'46"W	50°56'23"
C13	28.00	3.93	1.97	3.93	N86°30'32"W	8°02'50"							



TERRA DEL ESTE UNIT SIXTY FOUR

SHEET TITLE
STREET PLAN - PROFILE
MAPLE LEAVES CT. & KIOWA POINT CT.

103176

SHT 56 OF 82

TERRA DEL ESTE UNIT SIXTY FOUR

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1700 LEE TREVINO STE 400
EL PASO, TEXAS 79906

ENGINEER'S SEAL

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

DATE: SEPT. 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.

JOB NO.: 610-41

BENCHMARK
NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED: X 118, PID: CE0141
ELEVATION: 9887.12

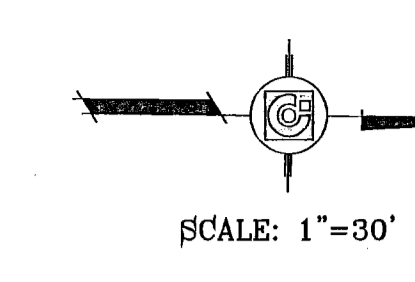
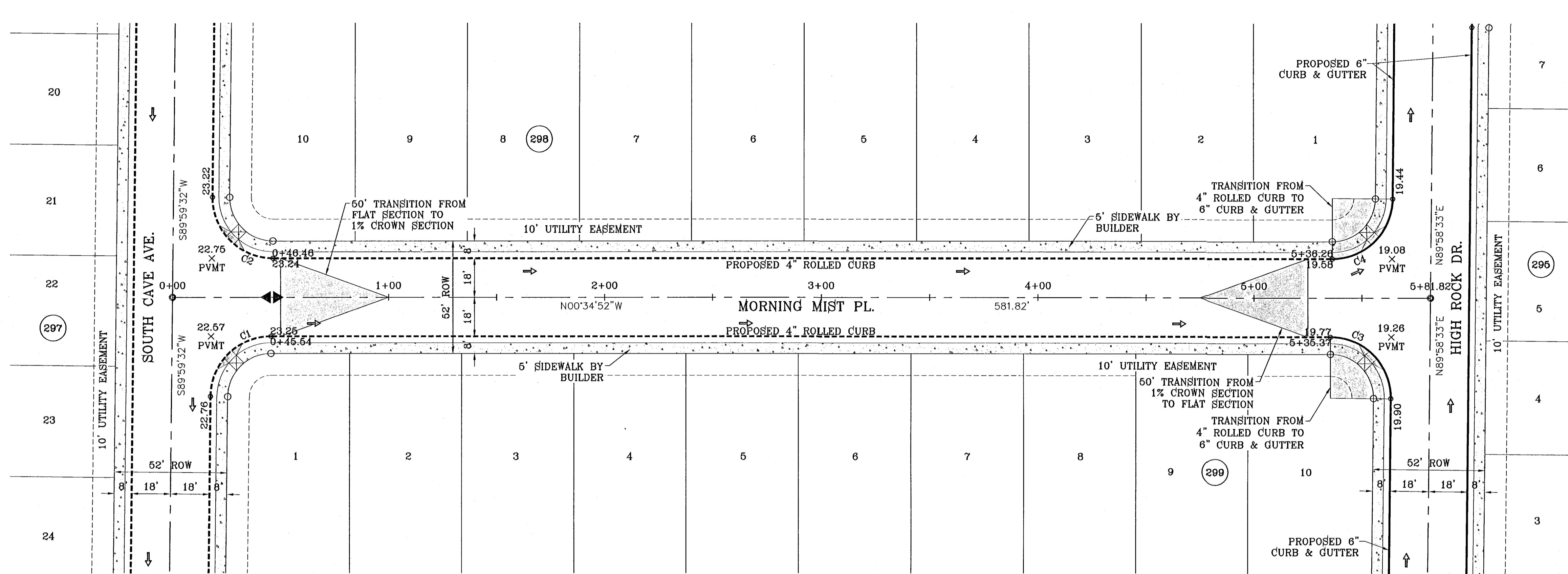
REVISIONS

DATE

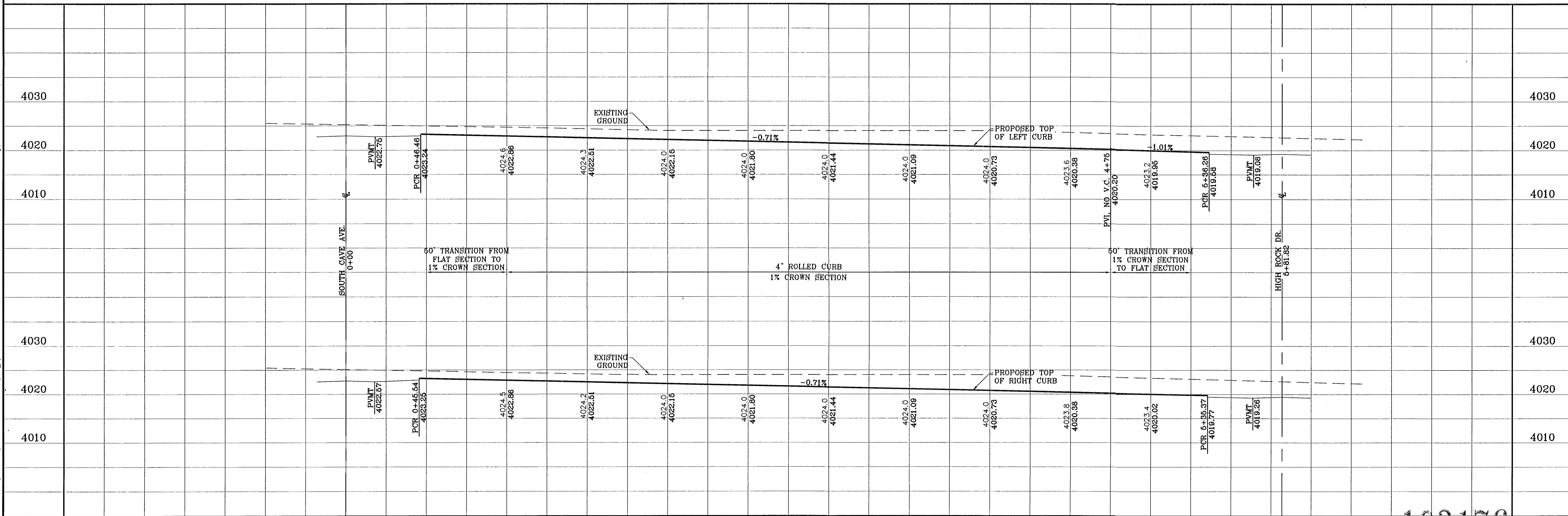
BY

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY FOUR
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS,
CONTAINING 139.706 ACRES

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 FILE LOCATION S:\EDGAR\TDE 64 REVISED\dwg\TDE_64-PP14_MORNING MIST_PLOTTED ON Thursday, December 02, 2010 10:51:49 AM FROM: JMS



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.70	27.72	39.40	S45°17'40"E	89°25'36"
C2	28.00	44.26	28.28	39.80	N44°42'20"E	90°34'24"
C3	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"
C4	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"



103176

TIERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: X 1118" PID "CE0141"
ELEVATION: 3987.12	
DATE	REVISIONS
11/30/10	CITY REDLINES AS PER 11/16/10 COMMENTS
	E.F.G.

PROJECT NAME
 TIERRA DEL ESTE
 UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 70
 TOWNSHIP 2, TEXAS AND PART OF RAILROAD COMPANY SURVEYS,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS
 CONTAINING 139.766 ACRES

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

DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

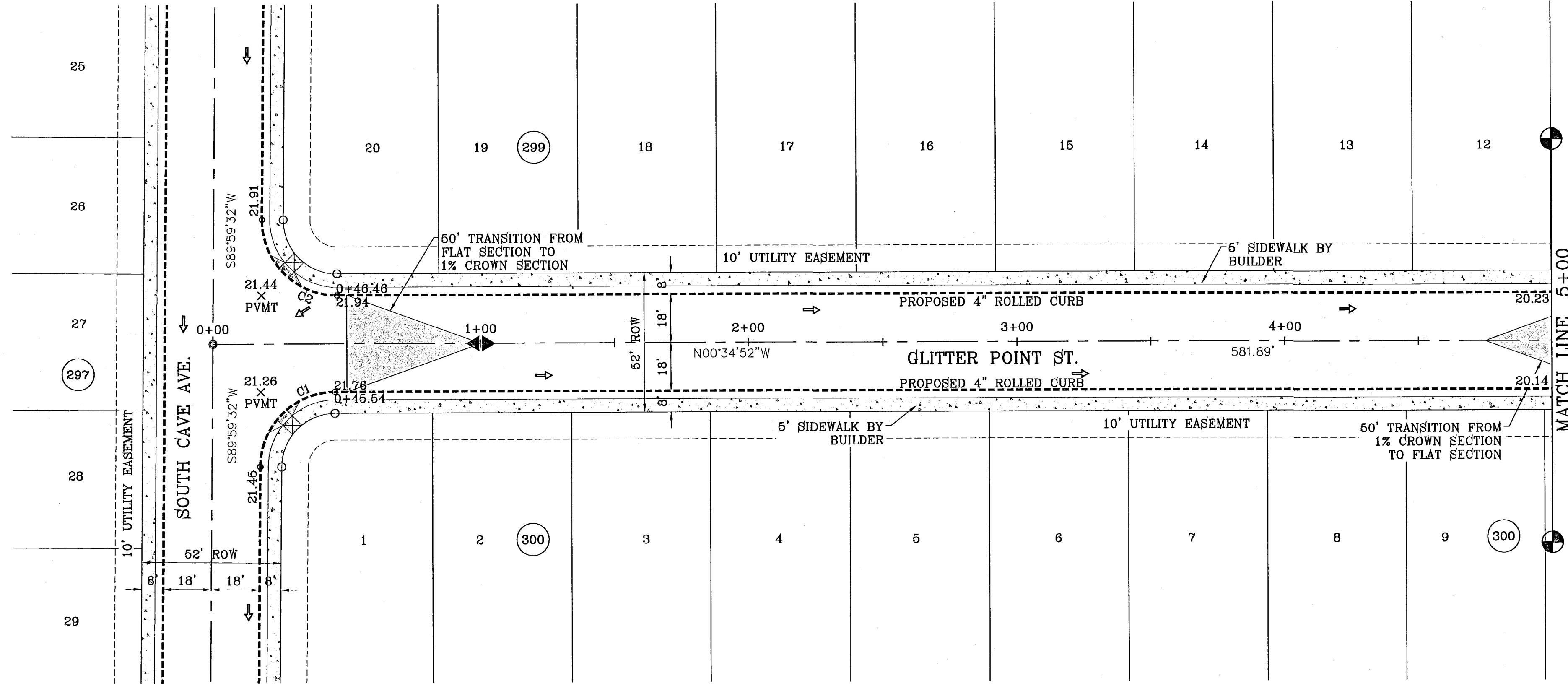
ENGINEER'S SEAL

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

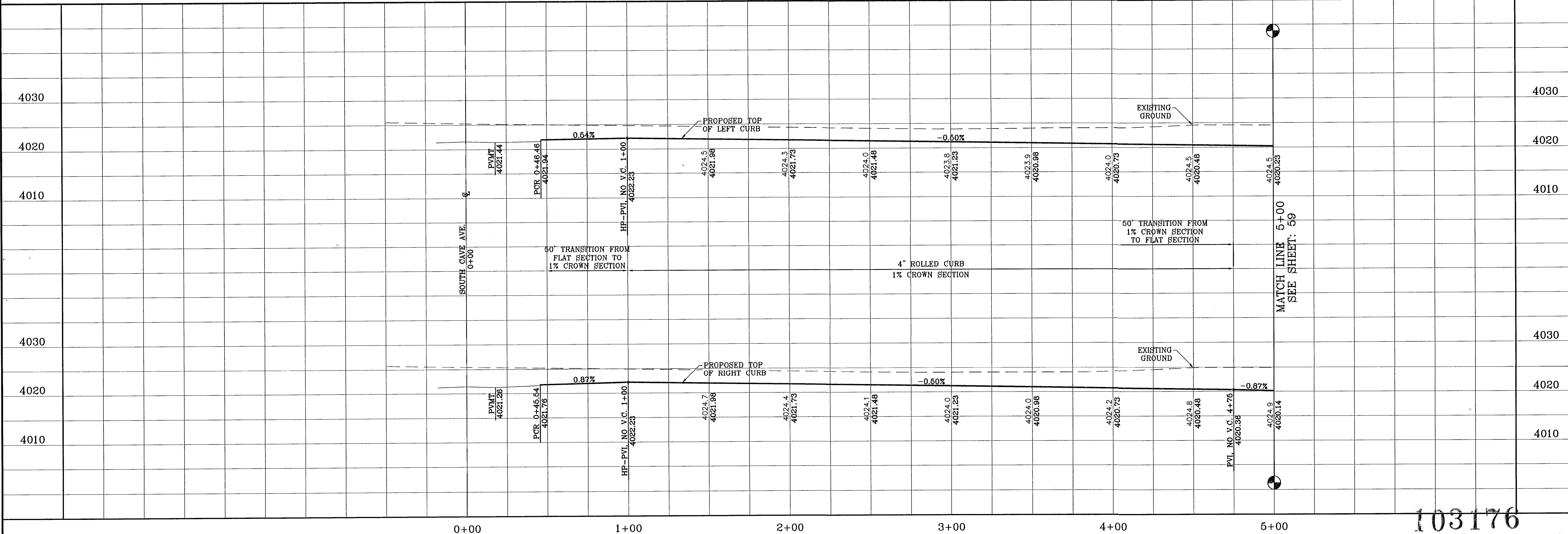
SHEET TITLE
 STREET
 PLAN-PROFILE

**MORNING
 MIST PL.**

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CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.70	27.72	39.40	S46°17'40"E	89°25'36"
C2	28.00	44.26	28.28	39.80	N44°42'20"E	90°34'24"



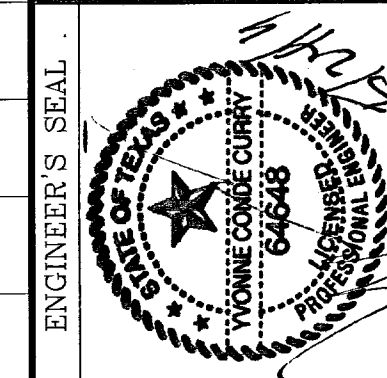
103176

TIERRA DEL ESTE UNIT SIXTY FOUR

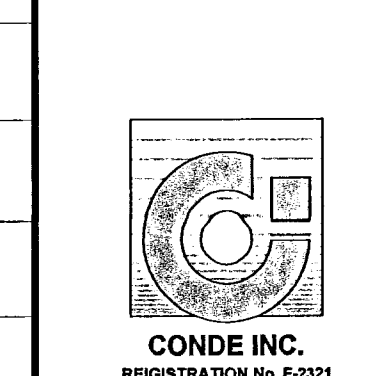
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DATE	
BY	
REVISIONS	

PROJECT NAME
**TIERRA DEL ESTE
 UNIT SIXTY FOUR**
 BEING A PORTION OF SECTIONS 17, AND 18, BLOCK 79,
 TOWNSHIP 2 NORTH, RANGE 10 EAST, COUNTY OF PASO,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,
 CONTAINING 139.768 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41



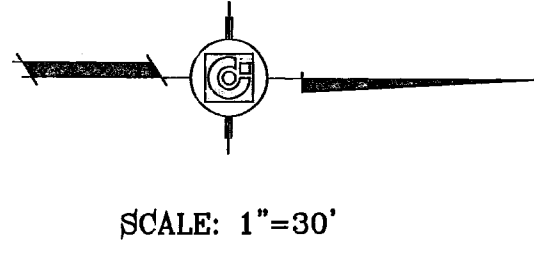
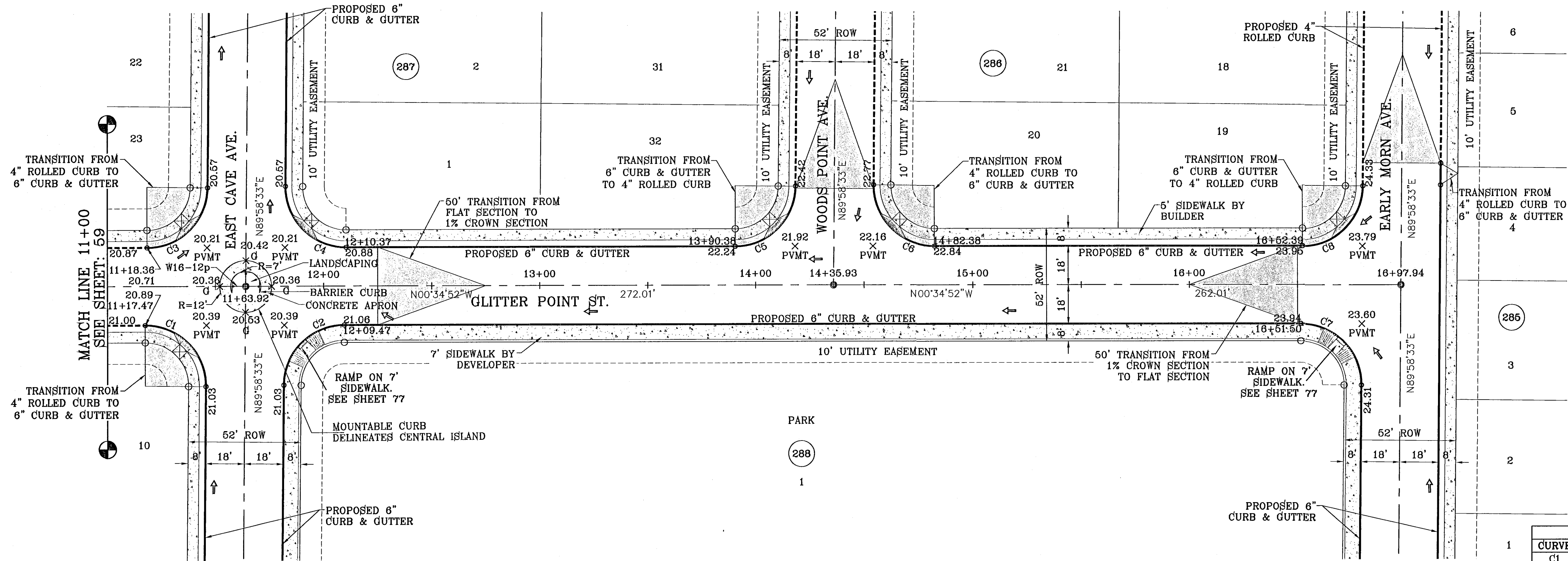
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936



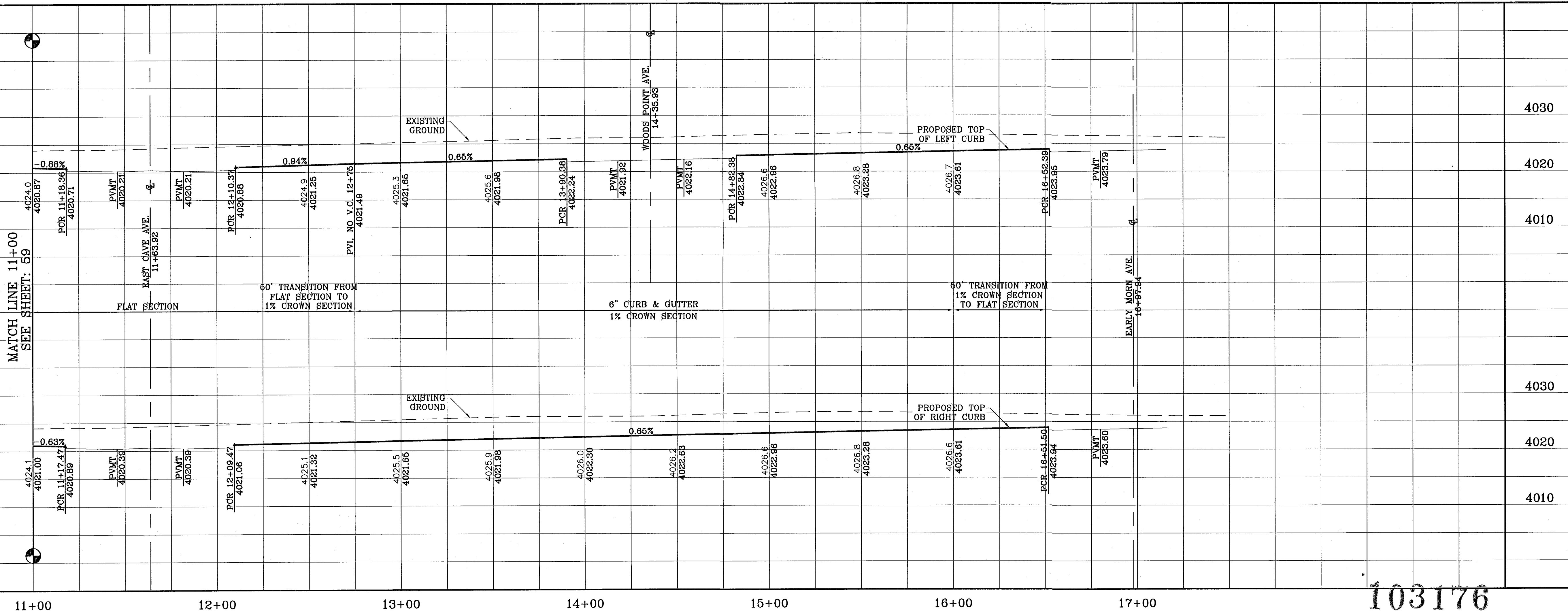
SHEET TITLE
**STREET
 PLAN-PROFILE**
**GLITTER
 POINT ST.**
 STA: 0+00
 TO
 STA: 5+00

FILE LOCATION s:_Subdivisions\TDE 64 REVISED.dwg\TDE_64-PP16_GLITTER POINT PLOTTED ON Tuesday, May 24, 2011 1:54:46 PM BY RUBEN RIVERA

SEE SHEET 29 FOR TRAFFIC CIRCLE DETAIL



CURVE TABLE							
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA	
C1	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"	
C2	28.00	43.71	27.73	39.41	S45°18'10"E	89°28'35"	
C3	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"	
C4	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"	
C5	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"	
C6	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"	
C7	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"	
C8	28.00	43.71	27.73	39.41	N45°18'10"W	89°28'35"	



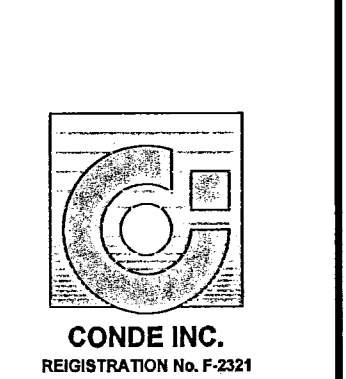
DATE	REVISIONS	BY
11/30/10	CITY REDLINES AS PER 11/15/10 COMMENTS	E.F.G.
04/28/11	CITY REDLINES AS PER 04/18/11 COMMENTS	R.R.
06/24/11	CITY REDLINES AS PER 06/12/11 COMMENTS	R.R.

TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79, TOWNSHIP 2, TARRANT COUNTY RAILROAD COMPANY SURVEY, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 139.768 ACRES.

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41



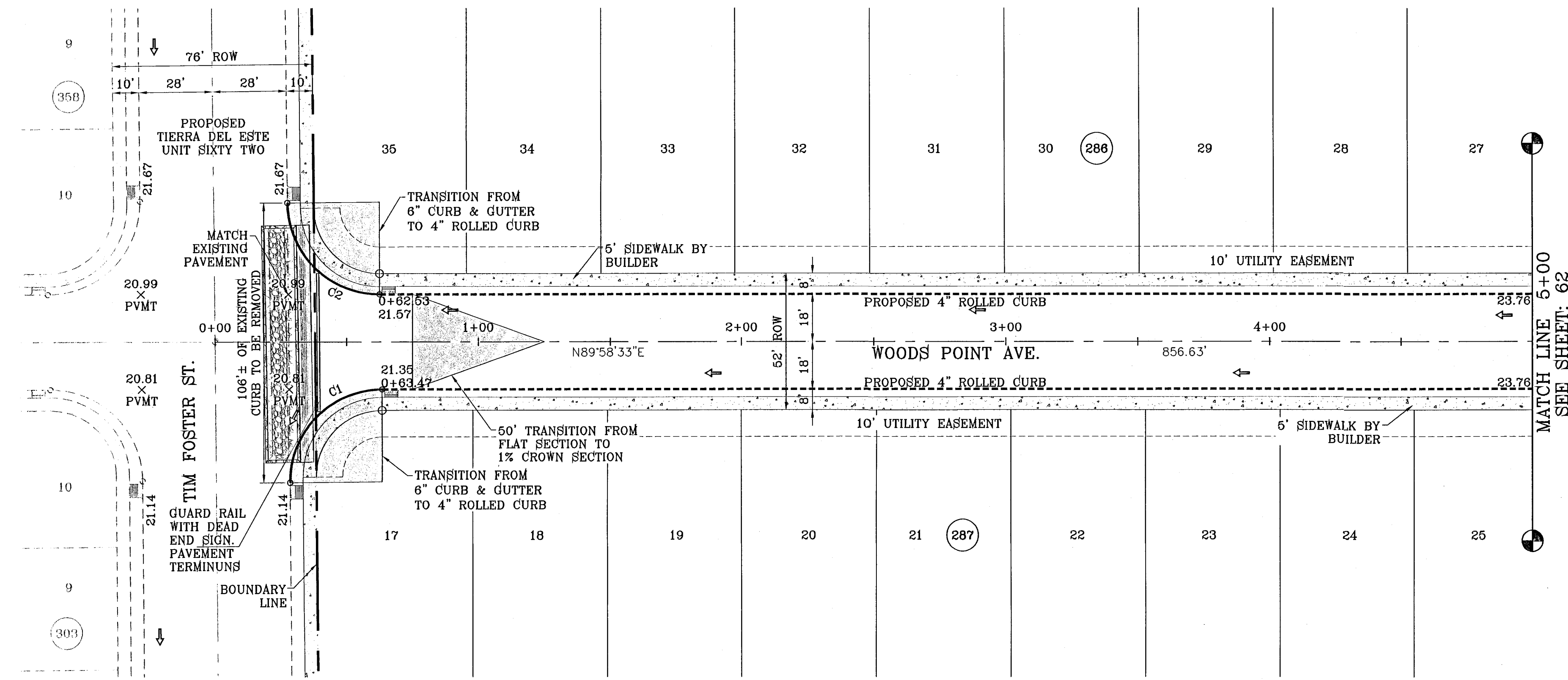
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE. 400
 EL PASO, TEXAS 79936



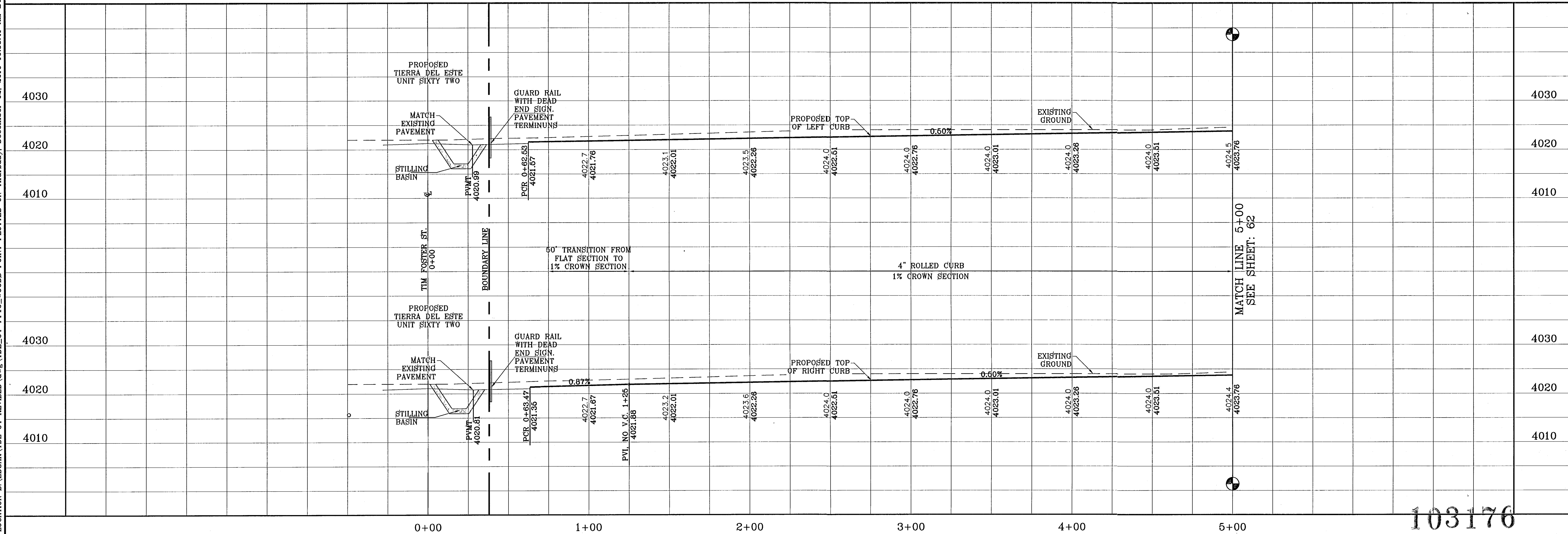
SHEET TITLE
GLITTER POINT ST.
 STA: 11+00
 TO
 STA: 16+97.94

103176
 TIERRA DEL ESTE UNIT SIXTY FOUR

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 FILE LOCATION S:\EDGAR\TDE 64 REVISED\TDE_64-PP16_WOODS POINT PLOTTED ON Thursday, December 02, 2010 10:53:41 AM BY EDGAR GUTIERREZ



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	35.00	55.29	35.31	49.72	S44°43'18"W	90°30'31"
C2	35.00	54.67	34.69	49.28	S45°16'42"E	89°29'29"



103176

TIERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK	NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED "X-1118" PID "C60141" ELEVATION: 3987.12
DATE	
REVISIONS	
BY	

PROJECT NAME
**TIERRA DEL ESTE
 UNIT SIXTY FOUR**
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
 TOWNSHIP 22, RANGE 10, COUNTY OF EL PASO, TEXAS,
 CONTAINING 139.768 ACRES

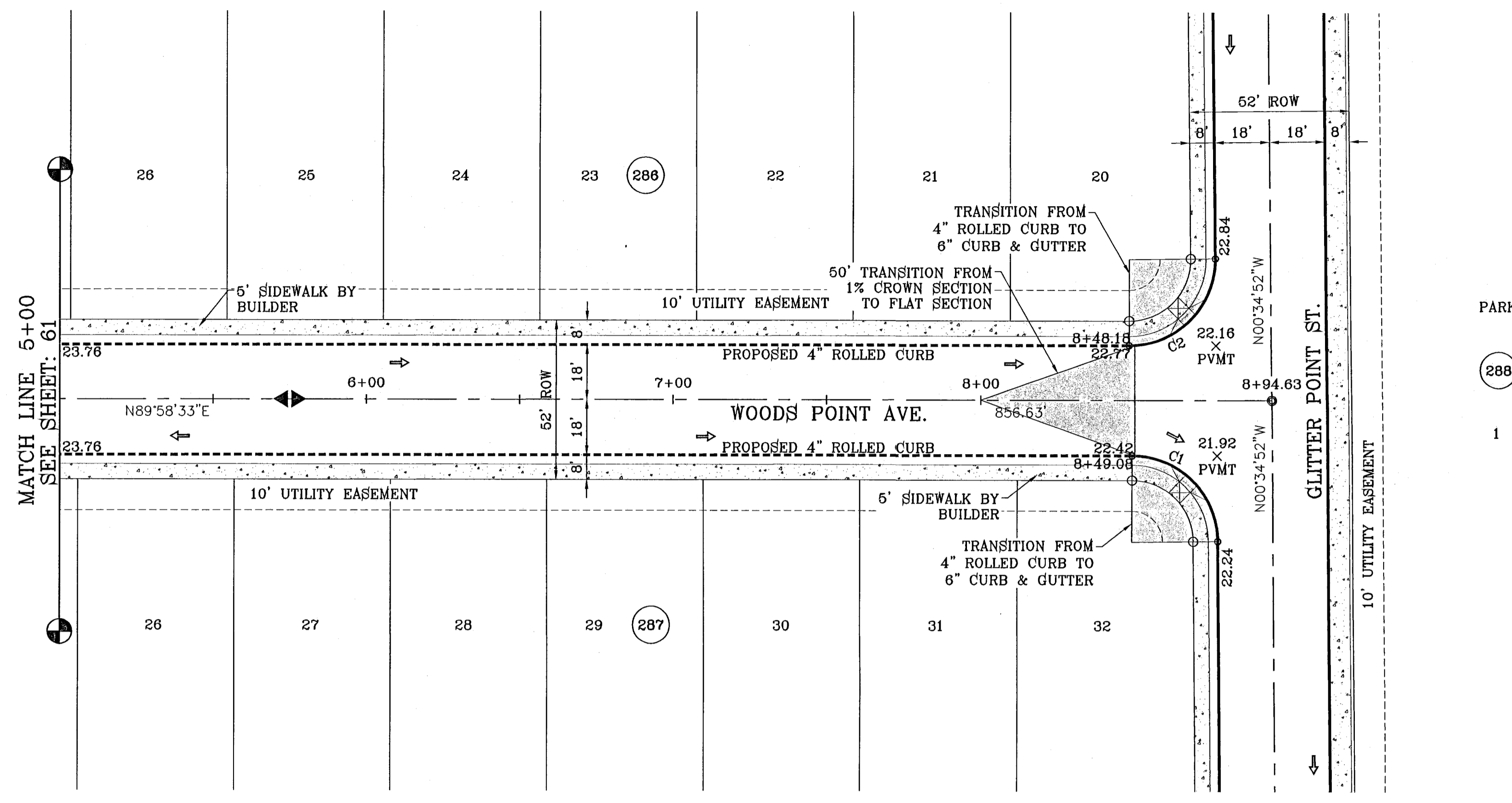
SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE. 400
 EL PASO, TEXAS 79936

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

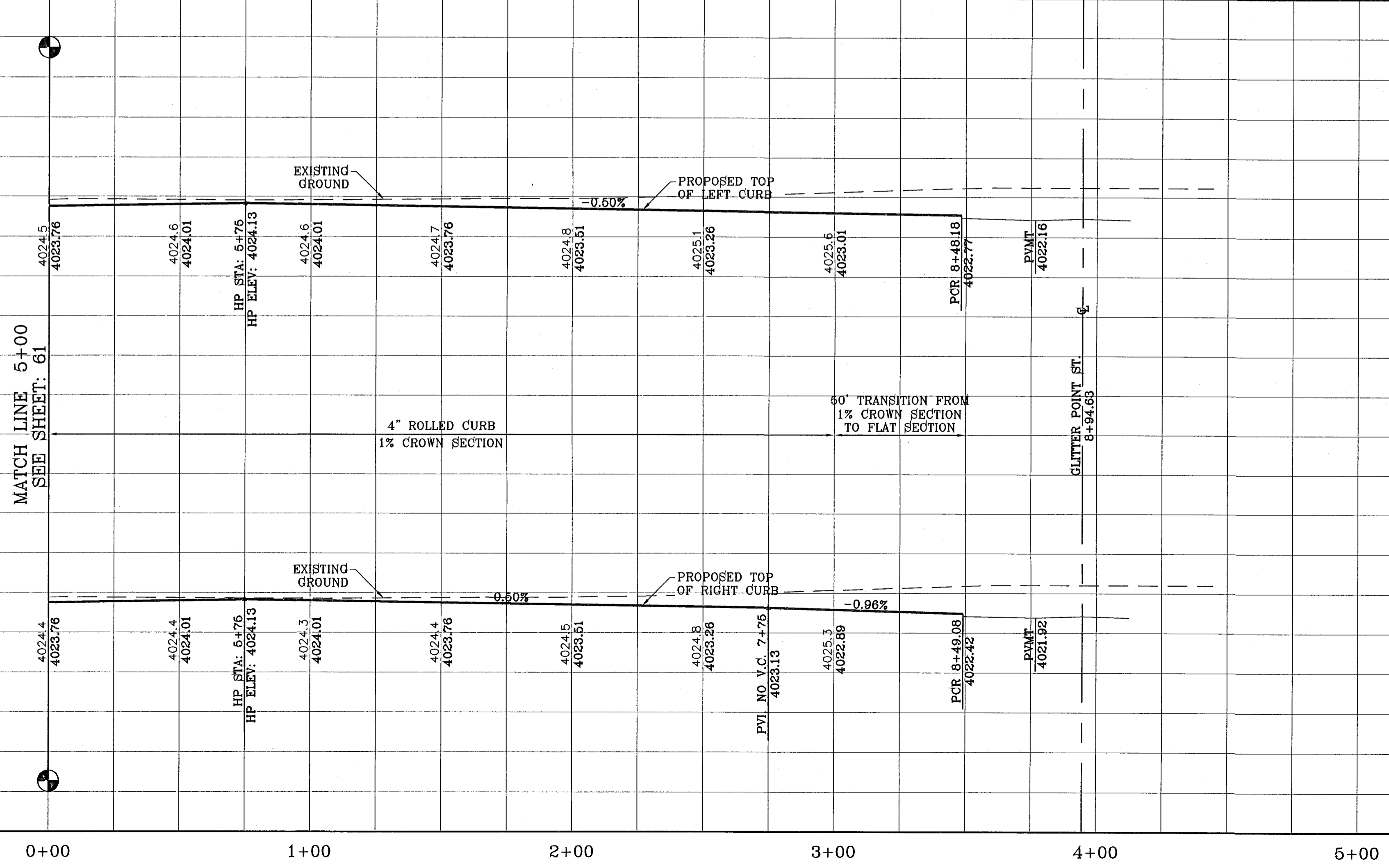
SHT 61 OF 82

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SCALE: 1"=30'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"
C2	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"



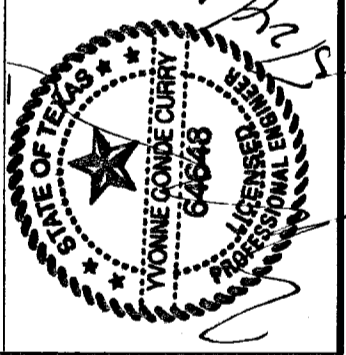
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TIERRA DEL ESTE UNIT SIXTY FOUR

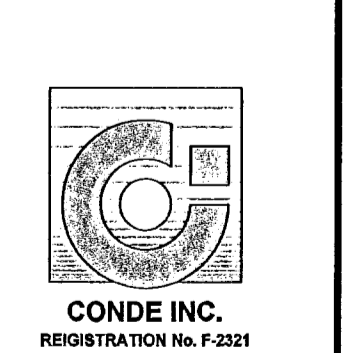
BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED BY: 118' B.D. *C20141
ELEVATION: 3987.12	
DATE	REVISIONS

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, COUNTY OF EL PASO, TEXAS. CITY OF CONTAINING 159.786 ACRES

SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41



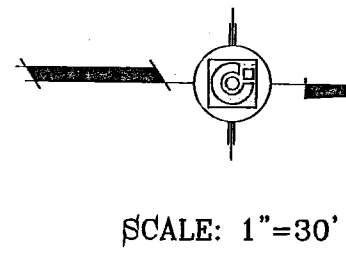
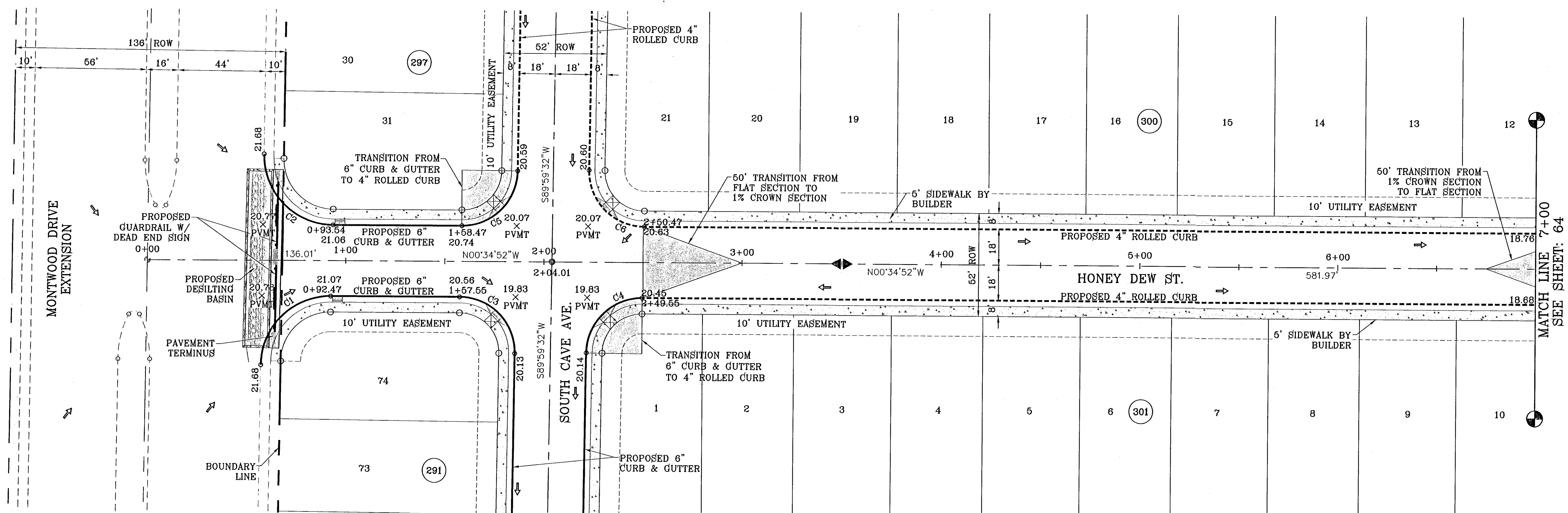
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936



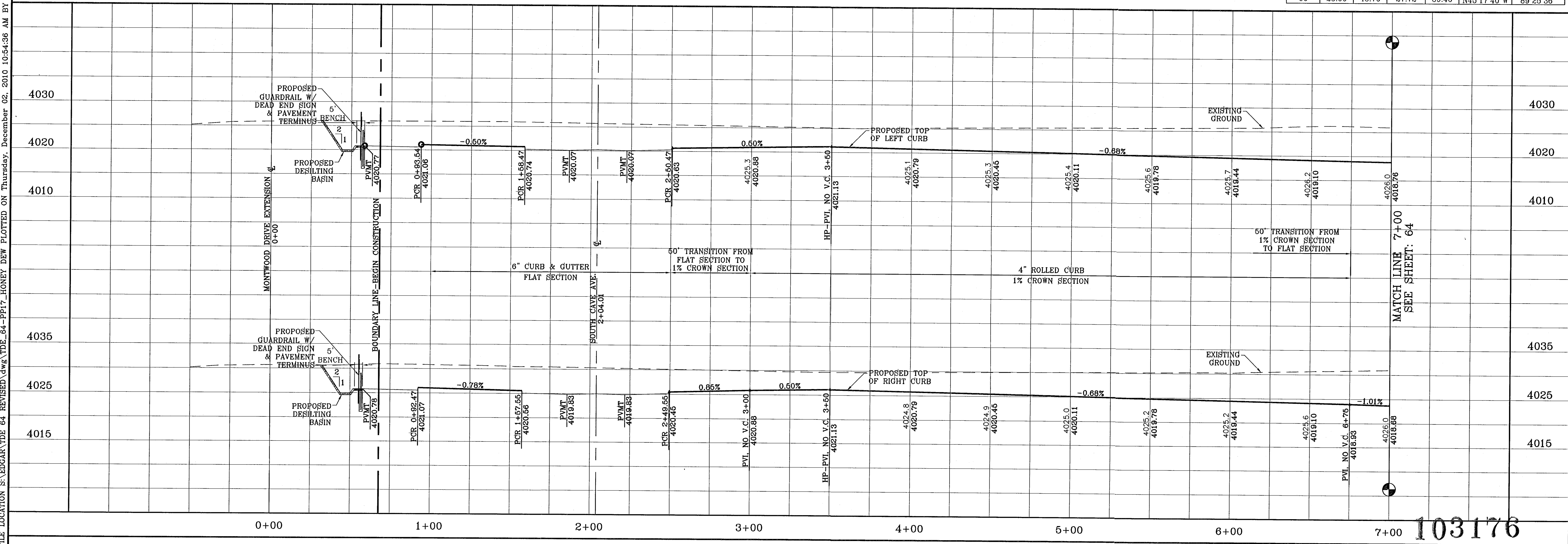
SHEET TITLE
STREET PLAN - PROFILE
WOODS POINT AVE.
 STA: 5+00 TO STA: 8+94.63

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FILE LOCATION SAEDGAR\DE 64 REVISED\DWG\1116_64-PP17-HONEY DEW

SECTION 2,
BLOCK 79, TWP 3



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	35.00	64.63	34.65	49.25	S45°17'40"E	89°25'36"
C2	35.00	55.33	35.35	49.74	N44°42'20"E	90°34'24"
C3	28.00	44.26	28.28	39.80	S44°42'20"W	90°34'24"
C4	28.00	43.70	27.72	39.40	S45°17'40"E	89°25'36"
C5	28.00	44.26	28.28	39.80	N44°42'20"E	90°34'24"
C6	28.00	43.70	27.72	39.40	N45°17'40"W	89°25'36"



BENCHMARK	NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATION: 1116-077 ELEVATION: 3867.12
DATE	11/30/10
REVISIONS	CITY REDLINES AS PER 11/16/10 COMMENTS E.F.G.
BY	
E.F.G.	

**TERRA DEL ESTE
UNIT SIXTY FOUR**

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 3 NORTH, RANGE 10 EAST, COUNTY 4,
CITY OF EL PASO, EL PASO COUNTY, TEXAS,
CONTAINING 139.766 ACRES

SCALE
HORIZ: 1"=30'
VERT: 1"=10'
DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREWING STE 400
EL PASO, TEXAS 79936

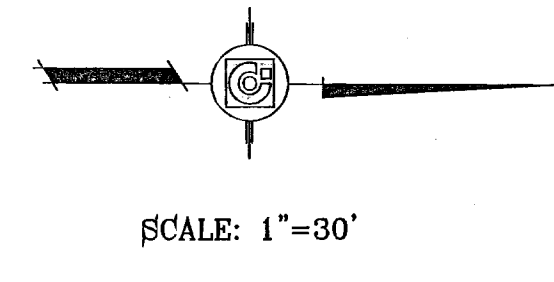
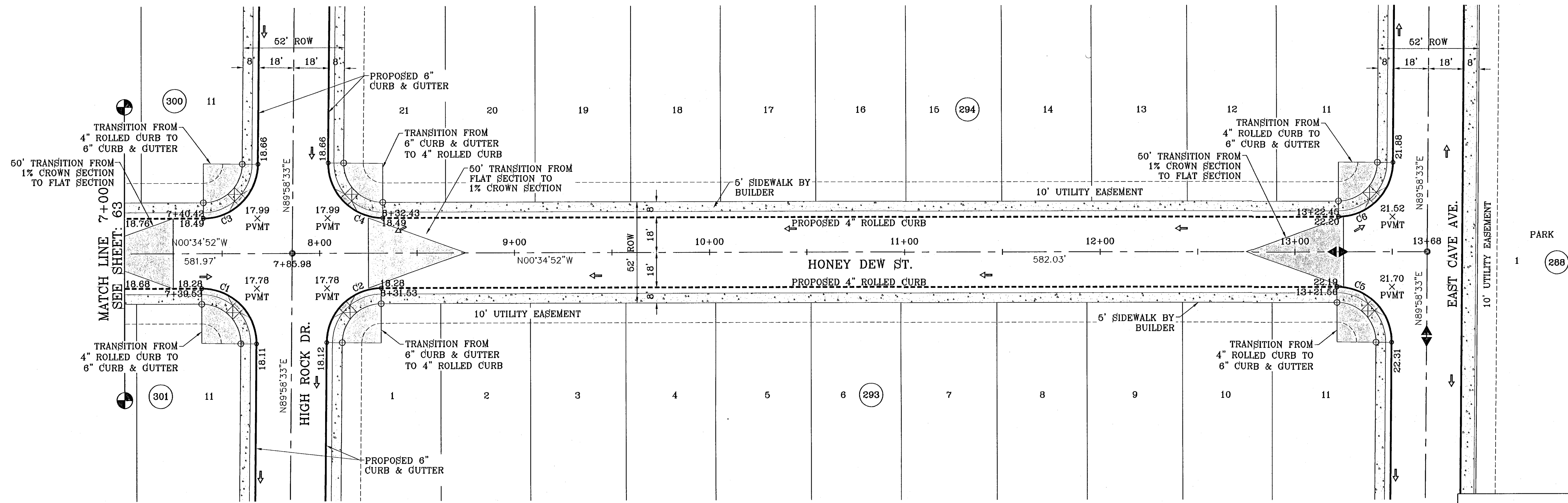
SHEET TITLE
**STREET
PLAN-PROFILE**

HONEY DEW ST.
STA: 0+00
TO
STA: 7+00

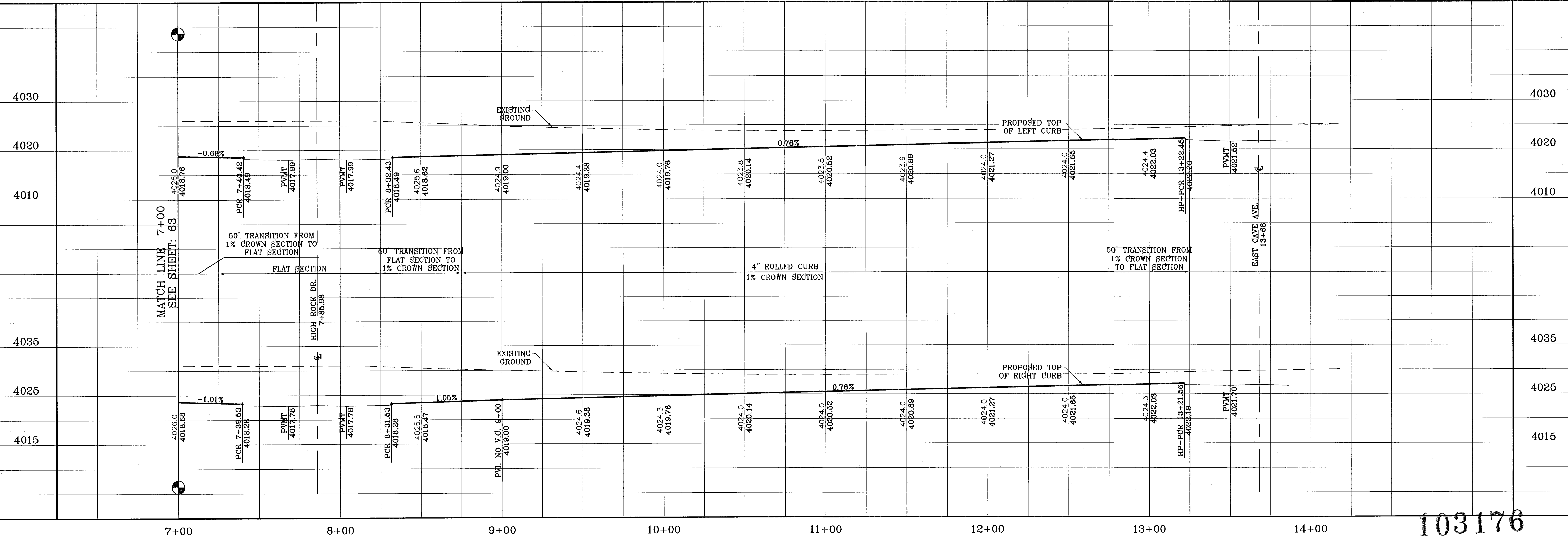
103176

SHT 63 OF 82

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CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"
C2	28.00	43.71	27.73	39.41	S45°18'10"E	89°26'35"
C3	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"
C4	28.00	44.25	28.27	39.79	N44°41'50"E	90°33'25"
C5	28.00	44.25	28.27	39.79	S44°41'50"W	90°33'25"
C6	28.00	43.71	27.73	39.41	N45°18'10"W	89°26'35"



BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED "X 1118" PID "CE0141"
 ELEVATION : 3987.42

DATE
 11/30/10

REVISIONS
 CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

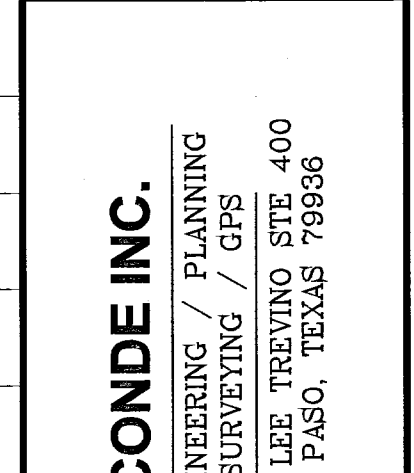
PROJECT NAME
**TIERRA DEL ESTE
 UNIT SIXTY FOUR**

BEING A PORTION OF SECTIONS 17 AND 18, BLOCK 79,
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,
 CONTAINING 138.768 ACRES.

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

DATE: SEPT. 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.

JOB NO.: 610-41



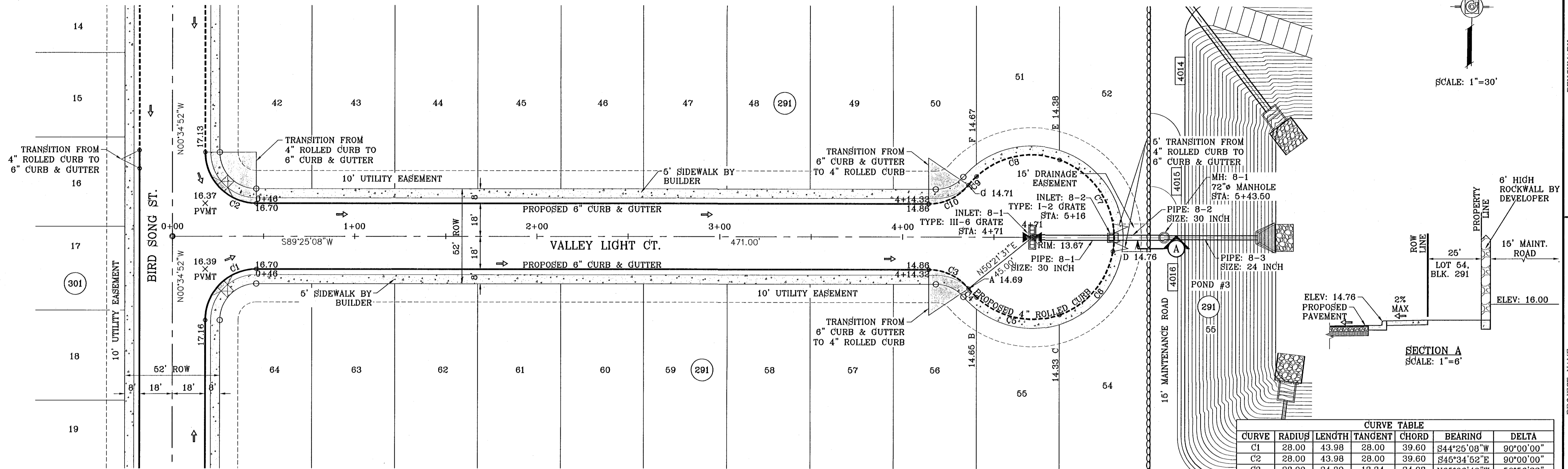
CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
**STREET
 PLAN-PROFILE**

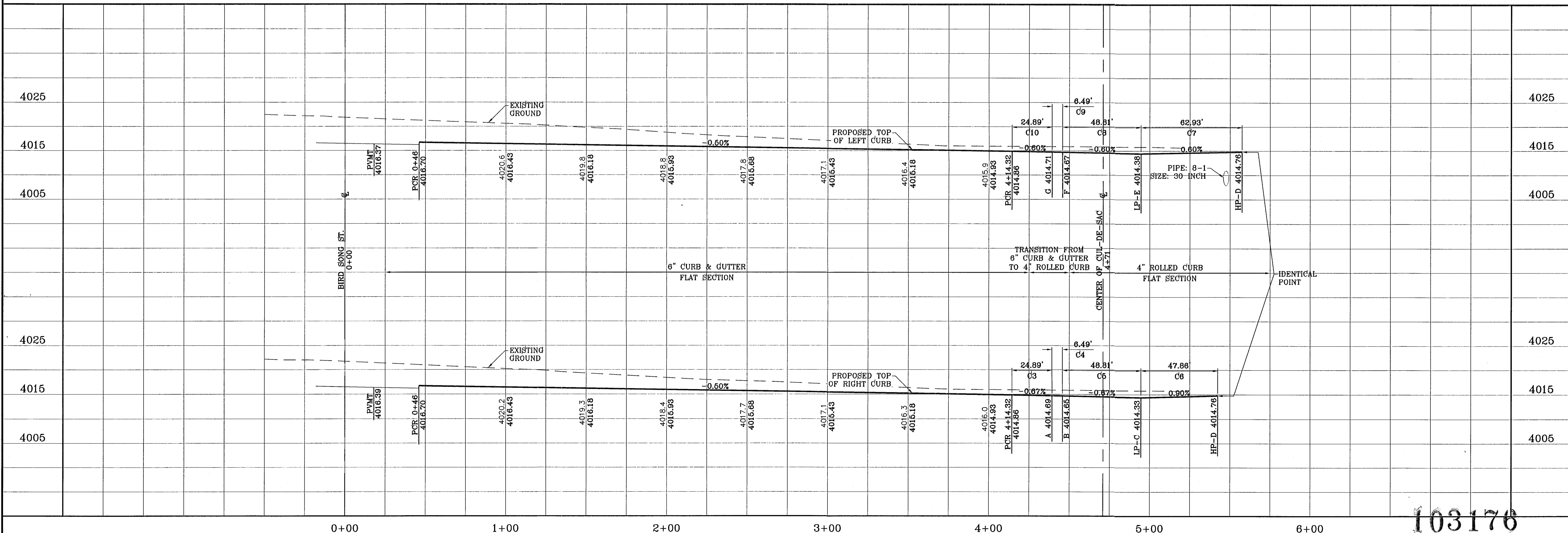
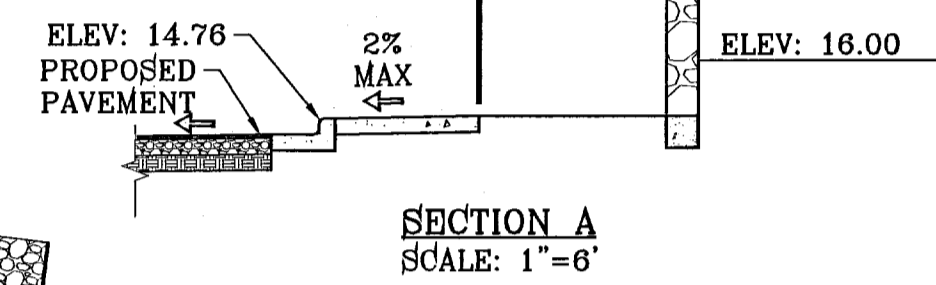
HONEY DEW ST.
 STA: 7+00
 TO
 STA: 13+88

103176
 TIERRA DEL ESTE UNIT SIXTY FOUR

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FILE LOCATION S:\EDGAR\TDE_64 REVISED\dwg\TDE_64-PP18_VALLEY LIGHT PLOTTED ON Thursday, December 02, 2010 10:56:32 AM BY EDGAR, GUTIERREZ



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.98	28.00	39.60	S44°25'08"W	90°00'00"
C2	28.00	43.98	28.00	39.60	S45°34'52"E	90°00'00"
C3	28.00	24.89	13.34	24.08	N65°06'40"W	50°56'23"
C4	45.00	6.49	3.25	6.49	S43°46'34"E	8°16'10"
C5	45.00	48.81	27.11	46.45	S78°58'54"E	62°08'29"
C6	45.00	47.86	26.47	45.63	N39°28'49"E	60°56'05"
C7	45.00	62.93	37.84	57.92	N31°02'55"W	80°07'22"
C8	45.00	48.81	27.11	46.45	S77°49'10"W	62°08'29"
C9	45.00	6.49	3.25	6.49	S42°36'50"W	8°16'10"
C10	28.00	24.89	13.34	24.08	N63°56'56"E	50°56'23"



103176

**TERRA DEL ESTE
UNIT SIXTY FOUR**

BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 70,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS
CONTAINING 139.768 ACRES

PROJECT NAME: TERRA DEL ESTE UNIT SIXTY FOUR

SCALE: 1"=30'

DATE: _____

BY: _____

REVISIONS: _____

BENCHMARK: NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED X 1118" PID "C60141"
ELEVATION: 3987.12

ENGINEER'S SEAL:

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79966

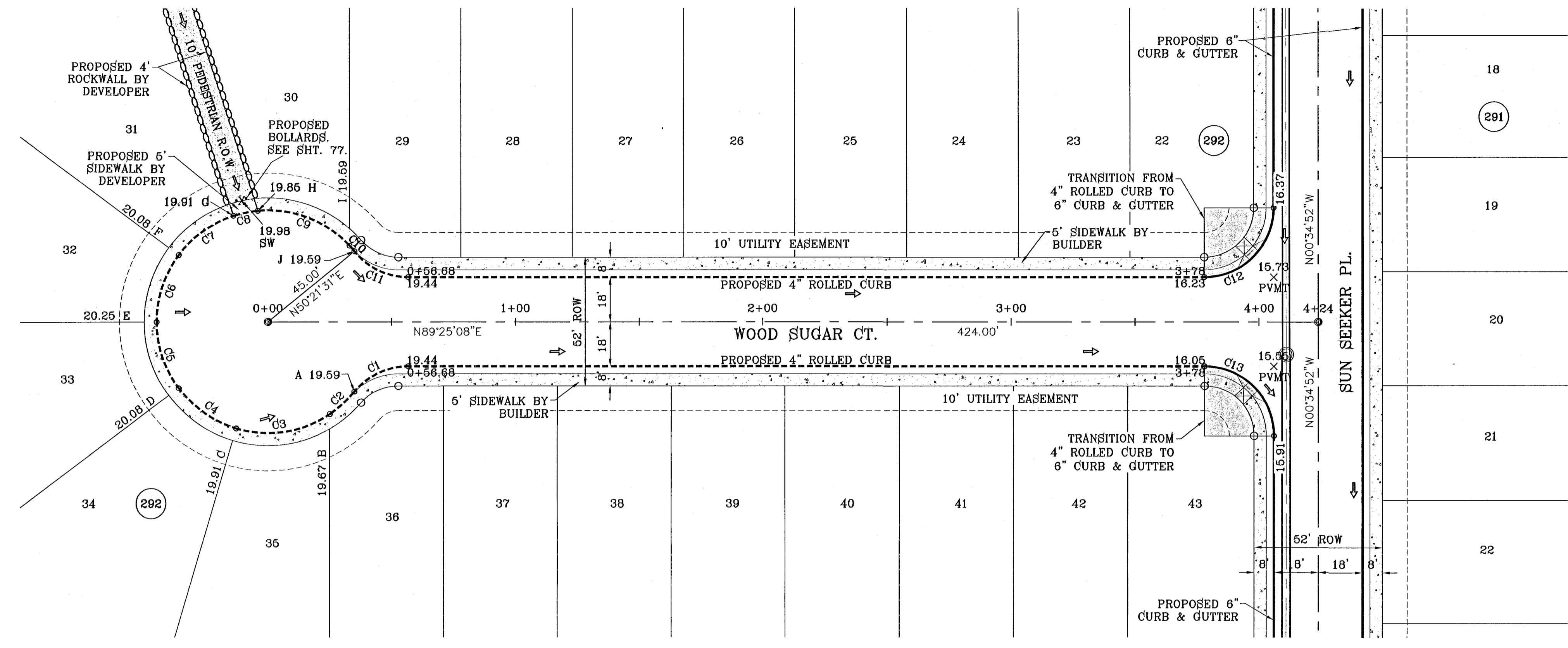
REGISTRATION No. F-3221

SHEET TITLE: STREET PLAN-PROFILE

VALLEY LIGHT CT.

SHT 65 OF 82

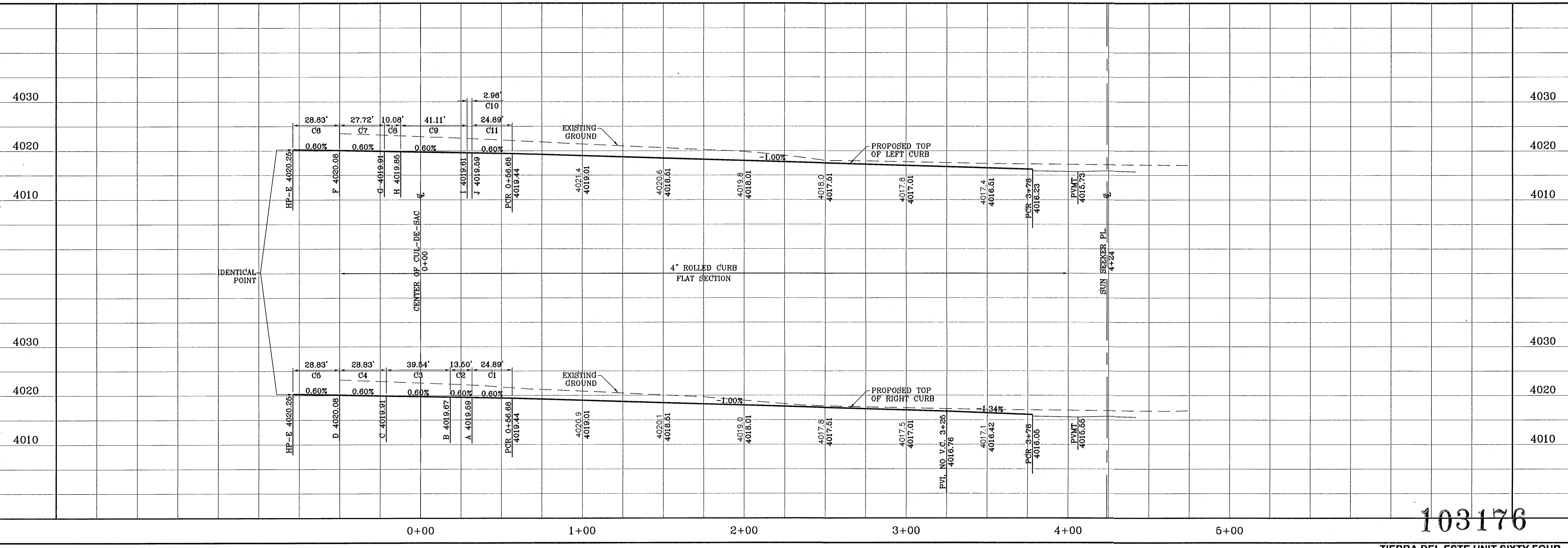
SEE SHEET 12A FOR PEDESTRIAN R.O.W. DETAILS



SCALE: 1"=30'


CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	24.89	13.34	24.08	S83°56'56"W	50°56'23"
C2	45.00	13.50	6.80	13.45	N47°04'28"E	17°11'27"
C3	45.00	39.54	21.15	38.28	N80°50'33"E	50°20'42"
C4	45.00	28.83	14.93	28.34	S55°38'03"E	36°42'07"
C5	45.00	28.83	14.93	28.34	S18°55'56"E	36°42'07"
C6	45.00	28.83	14.93	28.34	S17°46'12"W	36°42'07"
C7	45.00	27.72	14.31	27.28	S53°46'54"W	35°17'18"
C8	45.00	10.08	5.06	10.06	S77°49'44"W	12°50'23"
C9	45.00	41.11	22.11	39.69	N69°34'58"W	52°20'12"
C10	45.00	2.96	1.48	2.96	N41°31'41"W	3°46'24"
C11	28.00	24.89	13.34	24.08	S85°06'40"E	50°56'23"
C12	28.00	43.98	28.00	39.60	N44°25'08"E	90°00'00"
C13	28.00	43.98	28.00	39.60	N45°34'52"W	90°00'00"

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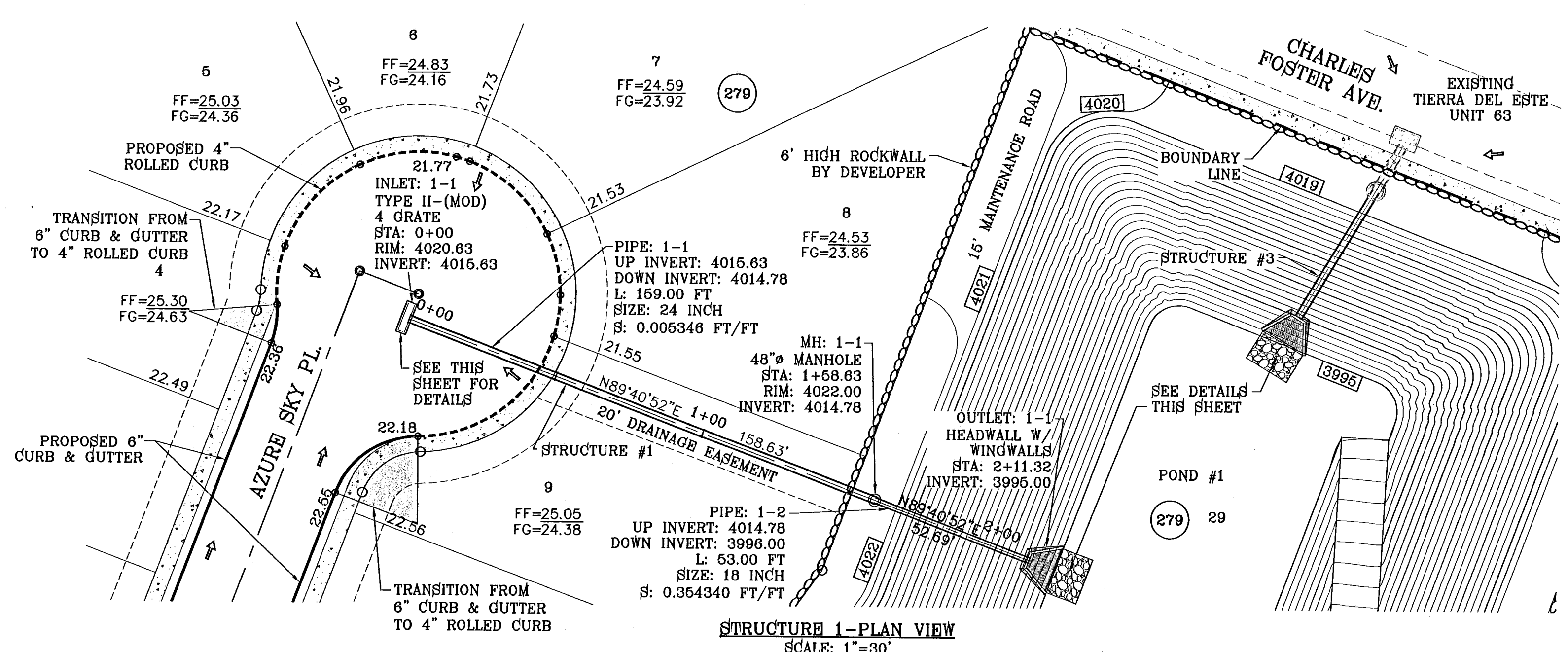


103176

TIERRA DEL ESTE UNIT SIXTY FOUR

<p>PROJECT NAME TIERRA DEL ESTE UNIT SIXTY FOUR</p> <p>BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 13N, RANGE 10E, PLANO COUNTY, TEXAS, CONTAINING 139.766 ACRES</p>	<p>BENCHMARK NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED X 1118" PID "CE0141" ELEVATION : 3987.12</p> <p>REVISIONS DATE 11/30/10 CITY REDLINES AS PER 11/15/10 COMMENTS E.F.C.</p>	<p>SCALE HORIZ: 1"=30' VERT: 1"=10'</p> <p>DATE: SEPT 2010 DESIGN BY: Y.C. INITIATED BY: E.F.C. CHECKED BY: Y.C.</p> <p>JOB NO.: 610-41</p>	<p>ENGINEER'S SEAL </p> <p>CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS 1790 LEE TREVINO STE 400 EL PASO, TEXAS 79936</p> <p>REGISTRATION NO. F-2321</p>	<p>SHEET TITLE WOOD SUGAR CT.</p> <p>SHT 66 OF 82</p>
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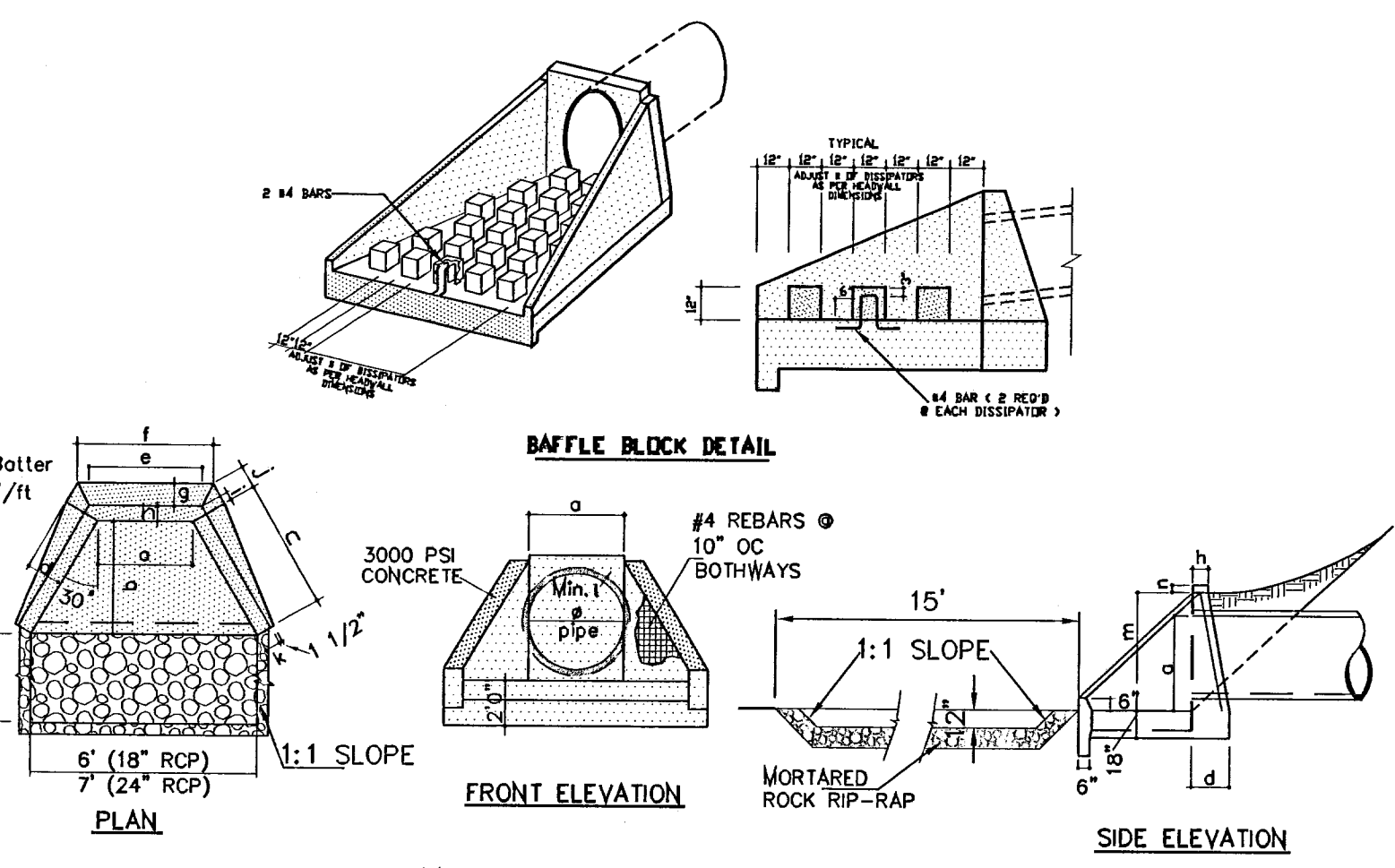
FILE LOCATION S:\Subdivisions\YDE 64 REVISED.dwg YDE 64-STR PLOTTED ON Tuesday, May 24, 2011 1:57:08 PM BY RUBEN RIVERA



STATION	DESCRIPTION	ELEVATION	PIPE SIZE	SLOPE	LENGTH
0+00	INLET 1-1 TYPE II-(MOD) 4 GRATE	4016.63	24 INCH	0.005346 FT/FT	159.00 FT
1+00	48" MANHOLE	4014.78	48 INCH	0.005346 FT/FT	159.00 FT
2+00	OUTLET 1-1 HEADWALL W/ WINGWALLS	3996.00	24 INCH	0.354340 FT/FT	63.00 FT
3+00	OUTLET 1-1 HEADWALL W/ WINGWALLS	3996.00	24 INCH	0.354340 FT/FT	63.00 FT

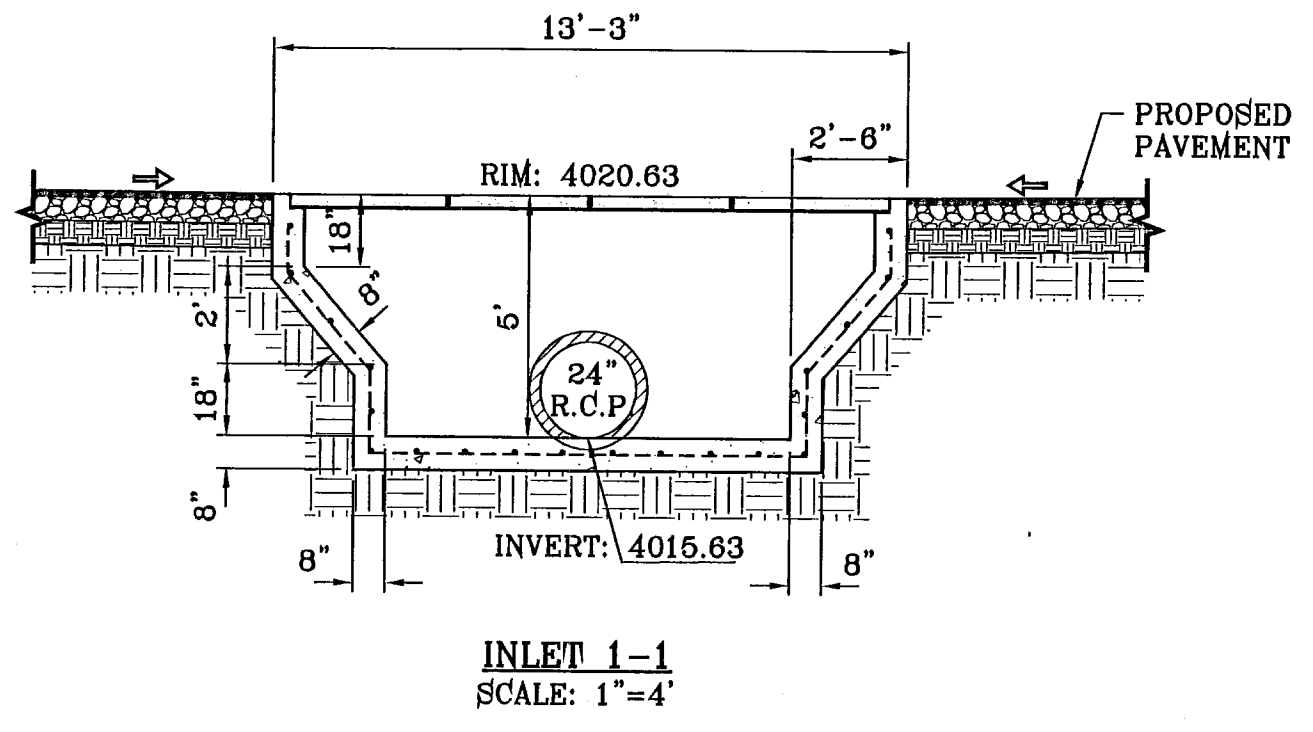
- CONSTRUCTION NOTES:**
- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 P.S.I. UNLESS OTHERWISE NOTED.
 - MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
 - 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
 - REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A616 GRADE 60.

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



DIMENSIONS FOR HEADWALLS W/ WINGWALL

DIA. OF PIPE	a	b	c	d	e	f	g	h	i	j	k	l	m	n	
18"	30"	36"	3'	6"	16"	2'	4"	3'	0"	7'	9"	5 1/2"	9"	2'	6 3/4"
24"	36"	42"	4'	1/2"	1'	9"	3'	0"	3'	10 1/2"	9"	10"	5 3/4"	9"	10"

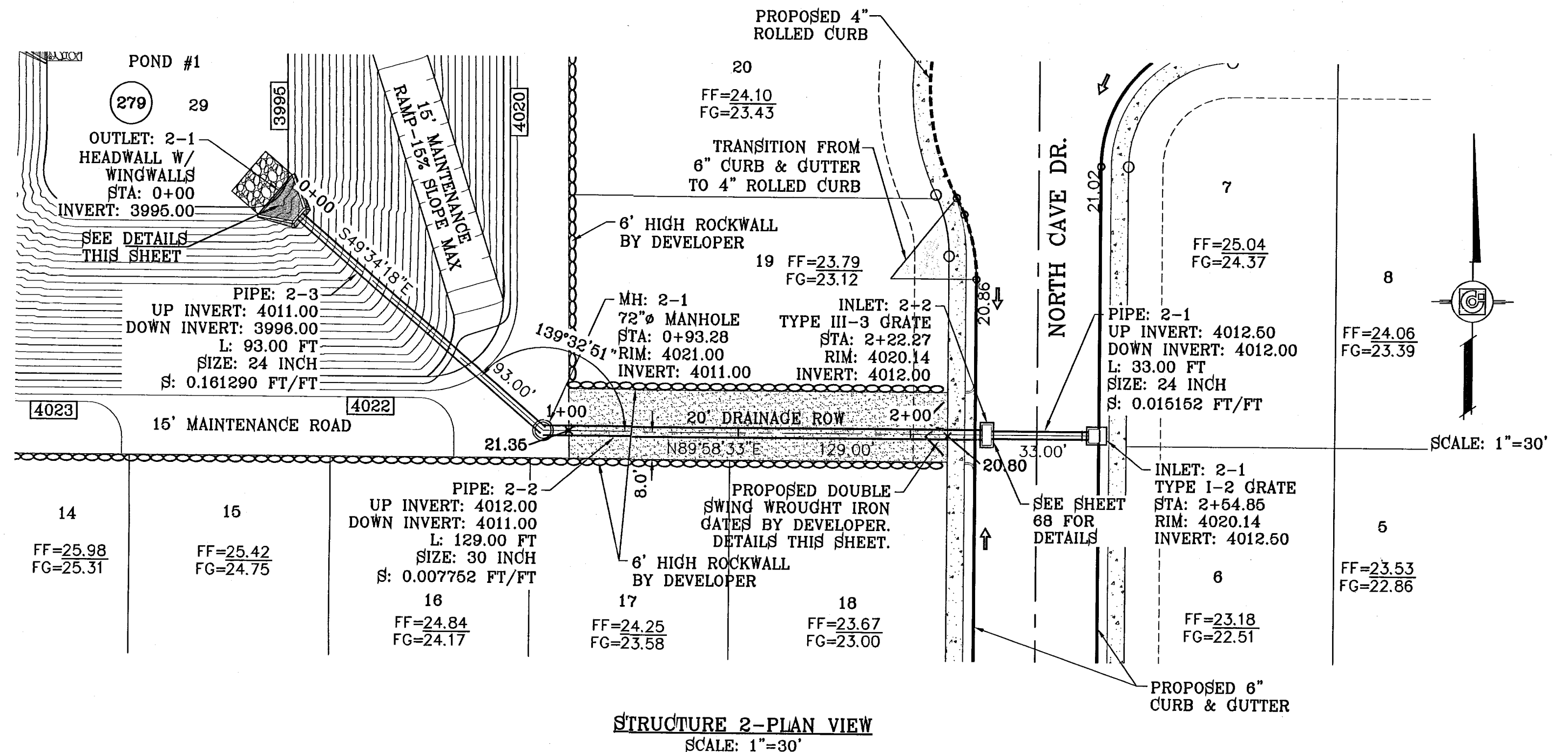
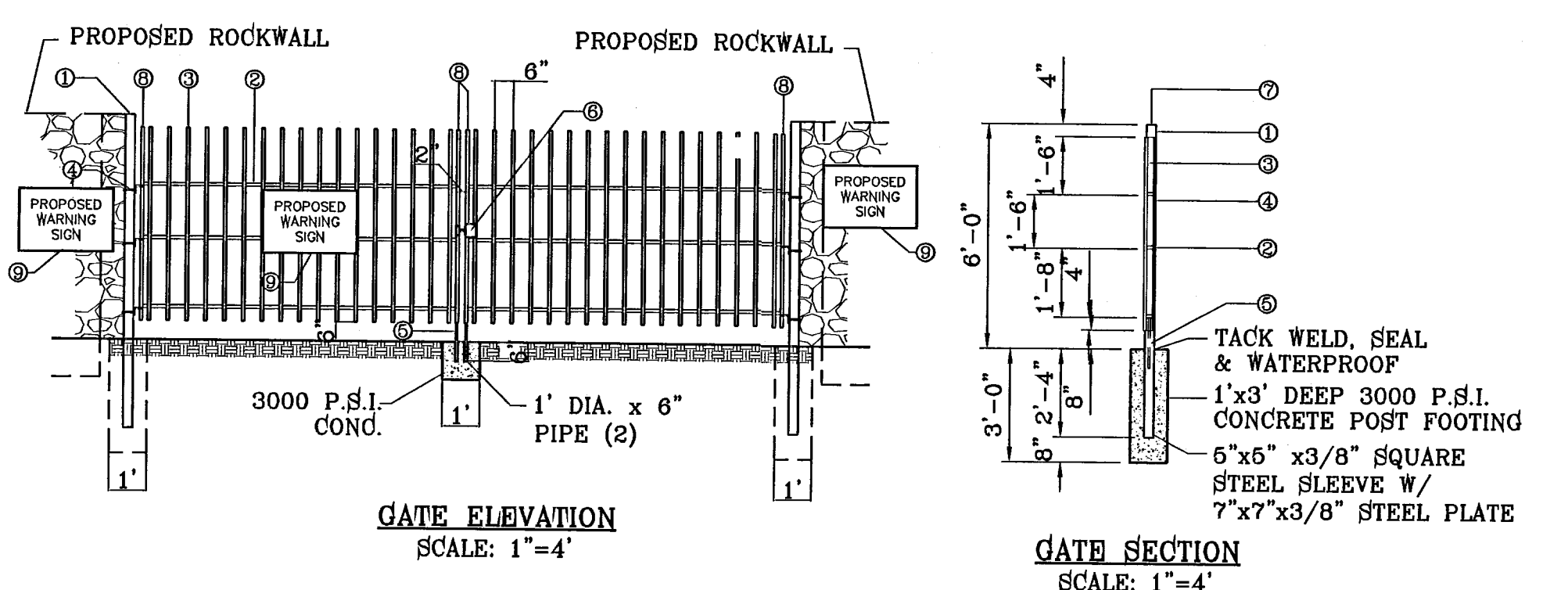
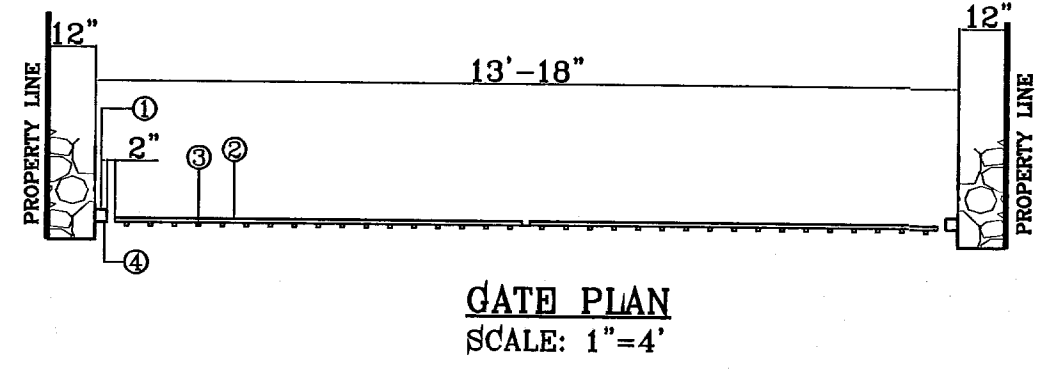


PIPE	SECTION	LENGTH	CONSTRUCTED	DISCHARGE	CAPACITY	AVERAGE	DOWN	DOWN	DOWN	UPSTREAM	UPSTREAM	UPSTREAM
	SIZE (in)	(ft)	SLOPE (ft/ft)	(cfs)	(cfs)	VELOCITY (fps)	STREAM GROUND	STREAM HGL	STREAM INVERT	GROUND	HGL	INVERT
1-1	24	159.00	0.005	15.86	16.54	5.10	4022.00	4016.80	4014.78	4020.63	4017.53	4015.63
1-2	18	53.00	0.354	15.86	62.53	9.07	4020.00	4013.09	3996.00	4022.00	4016.20	4014.78
2-1	24	33.00	0.015	16.27	27.84	5.18	4020.14	4016.65	4012.00	4020.14	4016.83	4012.50
2-2	30	129.00	0.008	32.53	36.11	6.63	4021.00	4015.61	4011.00	4020.14	4016.42	4012.00
2-3	24	93.00	0.161	32.53	90.85	10.35	4018.00	4013.09	3996.00	4021.00	4015.01	4011.00

INLET DATA

INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
1-1	II (MOD)	4	16.86	30.88
2-1	I	2	16.27	21.68
2-2	III	3	16.28	23.18

CLOGGING FACTOR IS EQUAL TO 2/3



STATION	DESCRIPTION	ELEVATION	PIPE SIZE	SLOPE	LENGTH
0+00	OUTLET 2-1 HEADWALL W/ WINGWALLS	3996.00	30 INCH	0.007762 FT/FT	129.00 FT
1+00	72" MANHOLE	4021.00	72 INCH	0.007762 FT/FT	129.00 FT
2+00	INLET 2-2 TYPE III-3 GRATE	4012.00	24 INCH	0.016192 FT/FT	33.00 FT
3+00	INLET 2-1 TYPE I-2 GRATE	4012.50	24 INCH	0.016192 FT/FT	33.00 FT

STRUCTURE 2-PROFILE SCALE: 1"=10'

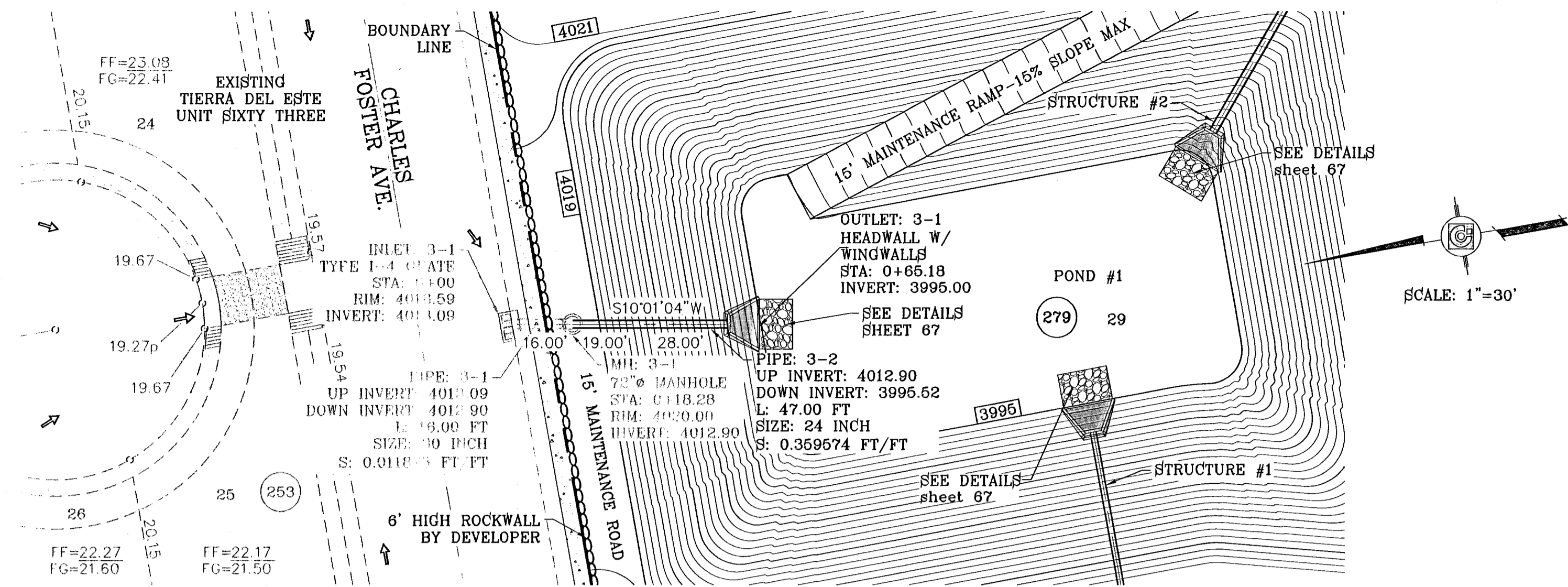
CONDE INC.
ENGINEERING / PLANNING / SURVEYING / GPS
1760 LEE TREVINO STE 400
EL PASO, TEXAS 79966

TIERRA DEL ESTE UNIT SIXTY FOUR
BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 76, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 138.768 ACRES

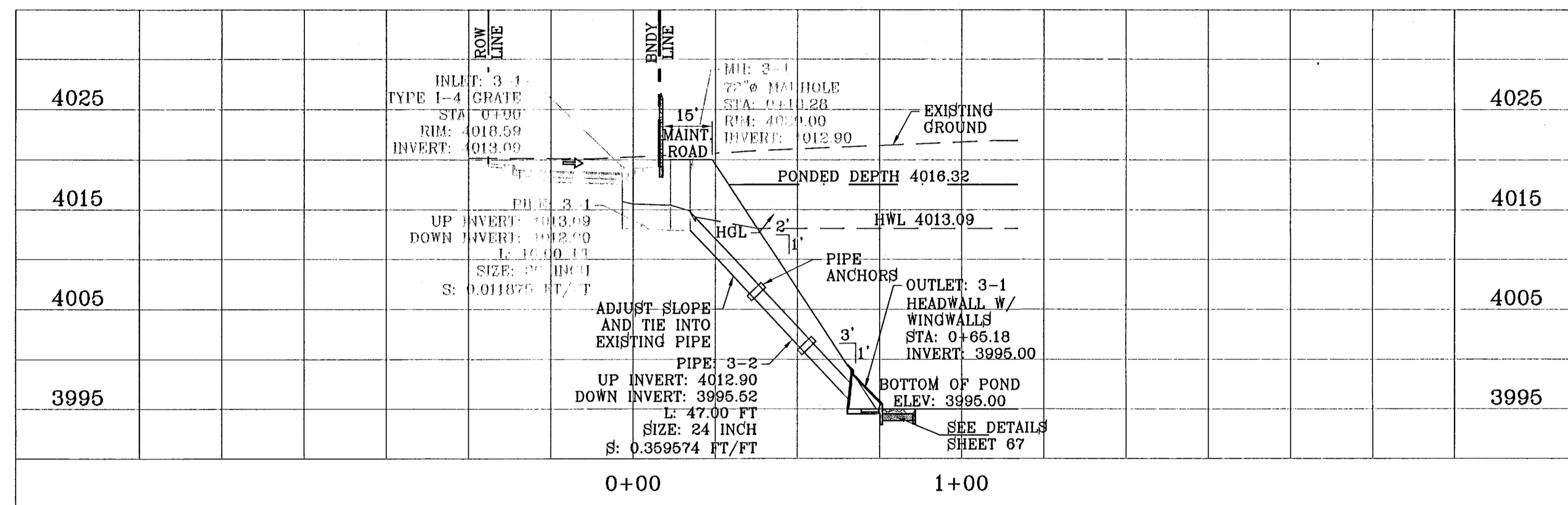
CONDE INC.
REGISTRATION NO. F-9821

SHEET TITLE
DRAINAGE STRUCTURES 1 & 2

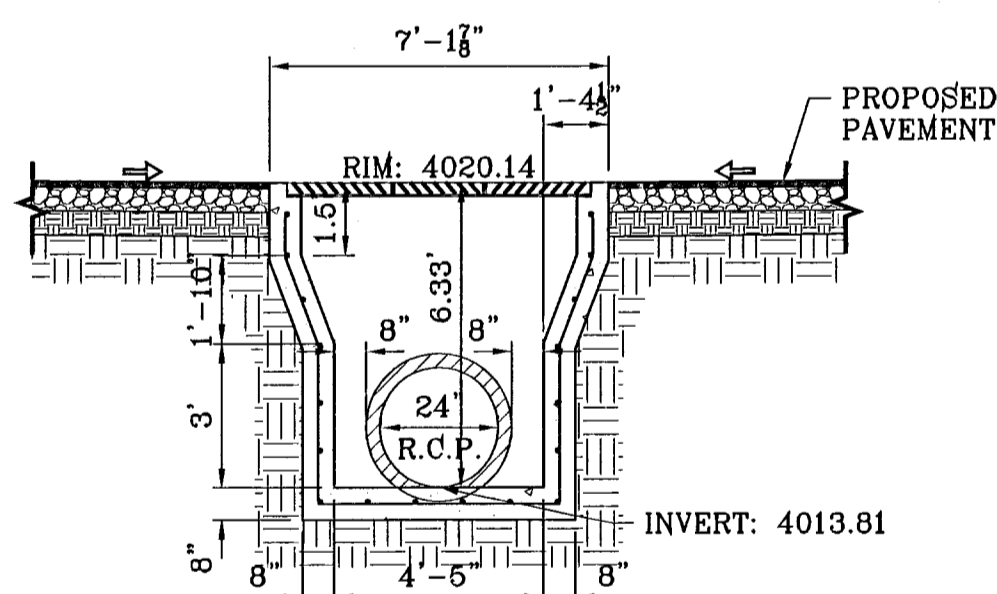
SHT 67 OF 82



STRUCTURE 3-PLAN VIEW
SCALE: 1"=30'



STRUCTURE 3-PERFORMANCE TABLE
SCALE: 1"=10'



INLET 2-2
SCALE: 1"=4'

PIPE	SECTION	LENGTH	CONSTRUCTED	DISCHARGE	CAPACITY	AVERAGE	DOWN	DOWN	DOWN	UPSTREAM	UPSTREAM	UPSTREAM
		(ft)	SLOPE (ft/ft)	(cfs)	(cfs)	VELOCITY (fps)	STREAM	STREAM	STREAM	GROUND	HGL	INVERT
3-1	30	16.00	0.012	33.75	44.69	6.88	4020.00	4015.72	4012.90	4018.59	4015.82	4013.09
3-2	24	47.00	0.370	33.75	137.56	10.74	4020.00	4014.17	3995.52	4020.00	4015.22	4012.90
4-1	24	31.000	0.023	10.00	33.99	3.18	4018.63	4017.03	4013.00	4018.72	4017.09	4013.70
4-2	30	52.000	0.010	27.87	40.22	5.68	4018.19	4016.56	4012.50	4018.63	4016.80	4013.00
4-3	30	65.000	0.052	27.87	93.25	5.68	4017.89	4016.03	4009.14	4018.19	4016.33	4012.50
4-4	36	51.000	0.017	49.64	86.10	7.02	4017.89	4015.52	4008.29	4017.89	4015.80	4009.14
4-5	24	58.000	0.177	68.31	95.28	21.74	4017.00	4010.00	3998.00	4017.89	4015.29	4008.29

CONSTRUCTION NOTES:

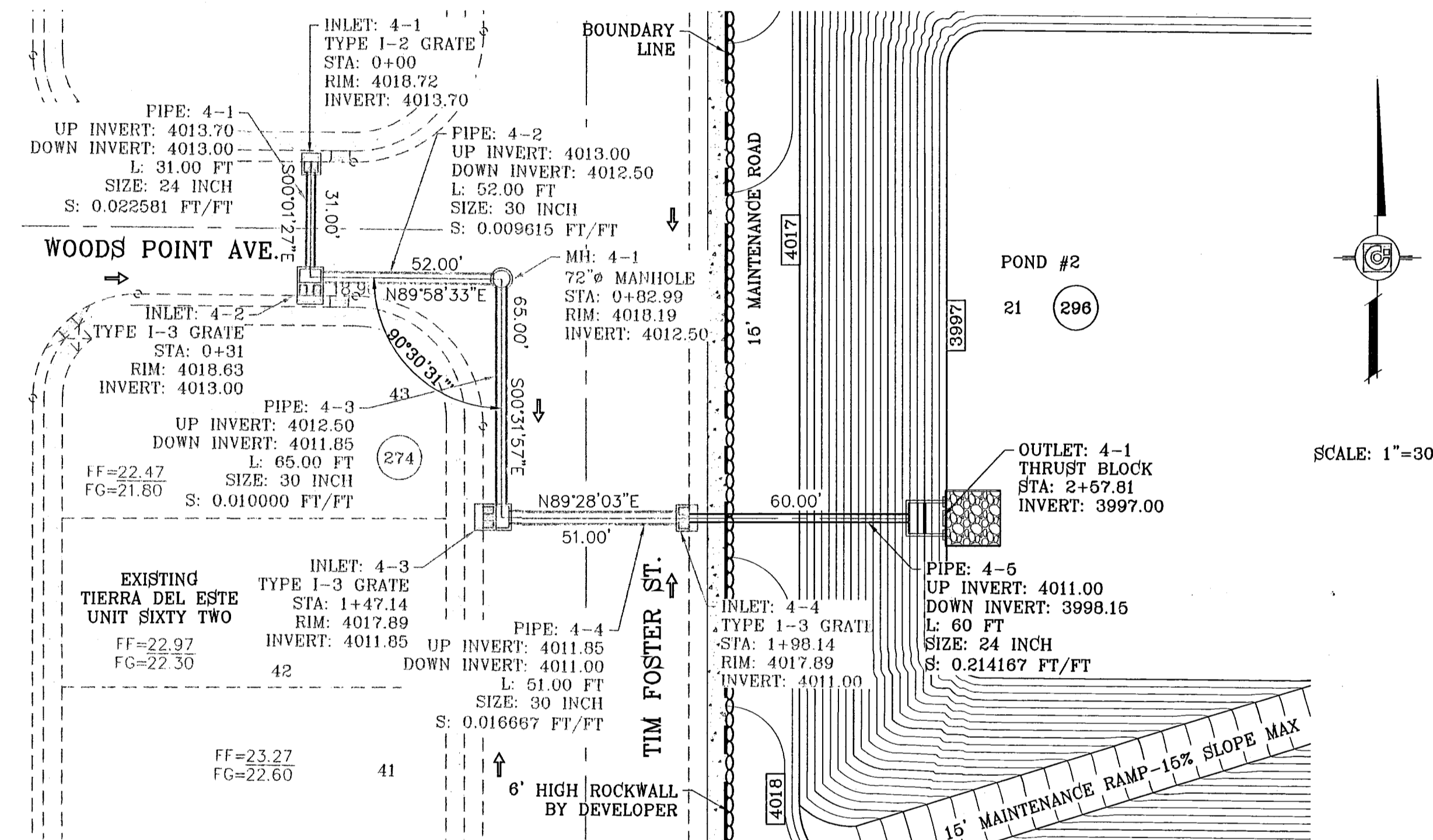
- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
- MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
- 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1657.
- REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A616 GRADE 60.

INLET DATA

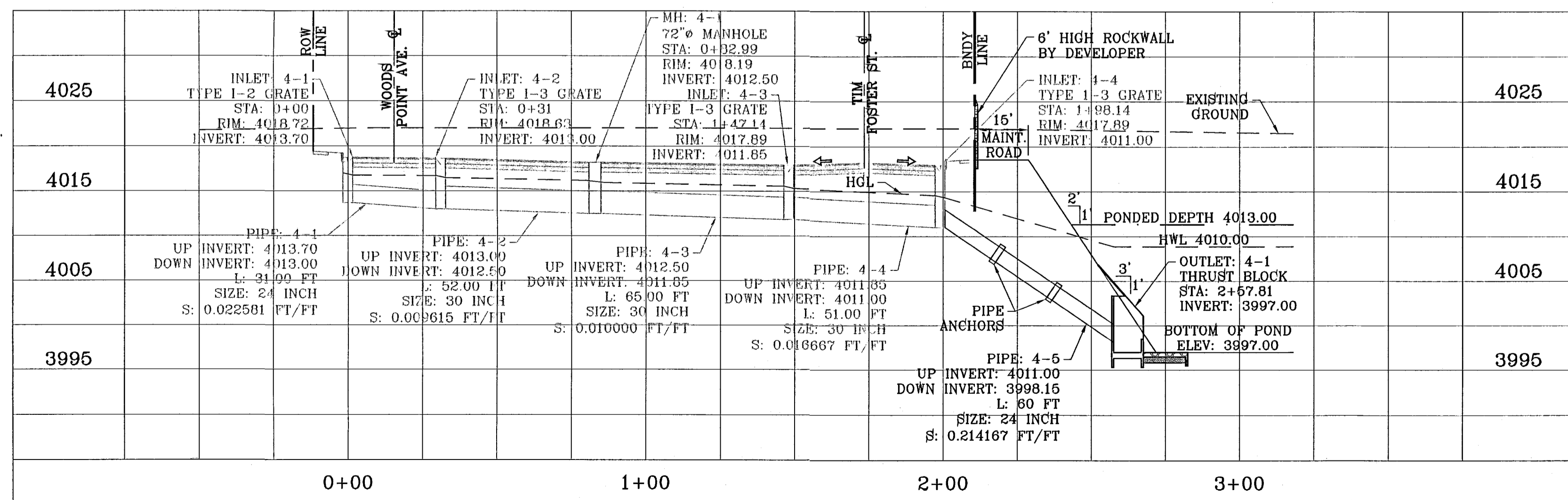
INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
3-1	I	4	33.75	43.36
4-1	I	2	10.00	21.68
4-2	I	3	17.87	43.36
4-3	I	3	21.77	32.52
4-4	I	3	18.67	32.52

CLOGGING FACTOR IS EQUAL TO 2/3

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



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



STRUCTURE 4-PERFORMANCE TABLE
SCALE: 1"=10'

PROJECT NAME: TERRA DEL ESTE UNIT SIXTY FOUR

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

DATE: SEPT 2010

DESIGN BY: Y.C.

INITIATED BY: E.F.G.

CHECKED BY: Y.C.

JOB NO.: 610-41

ENGINEER'S SEAL: [Signature]

CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS 1790 LEE TREWINO, STE. 400 EL PASO, TEXAS 79968

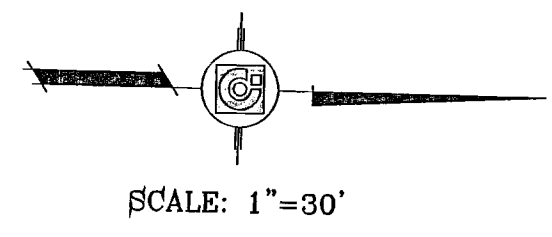
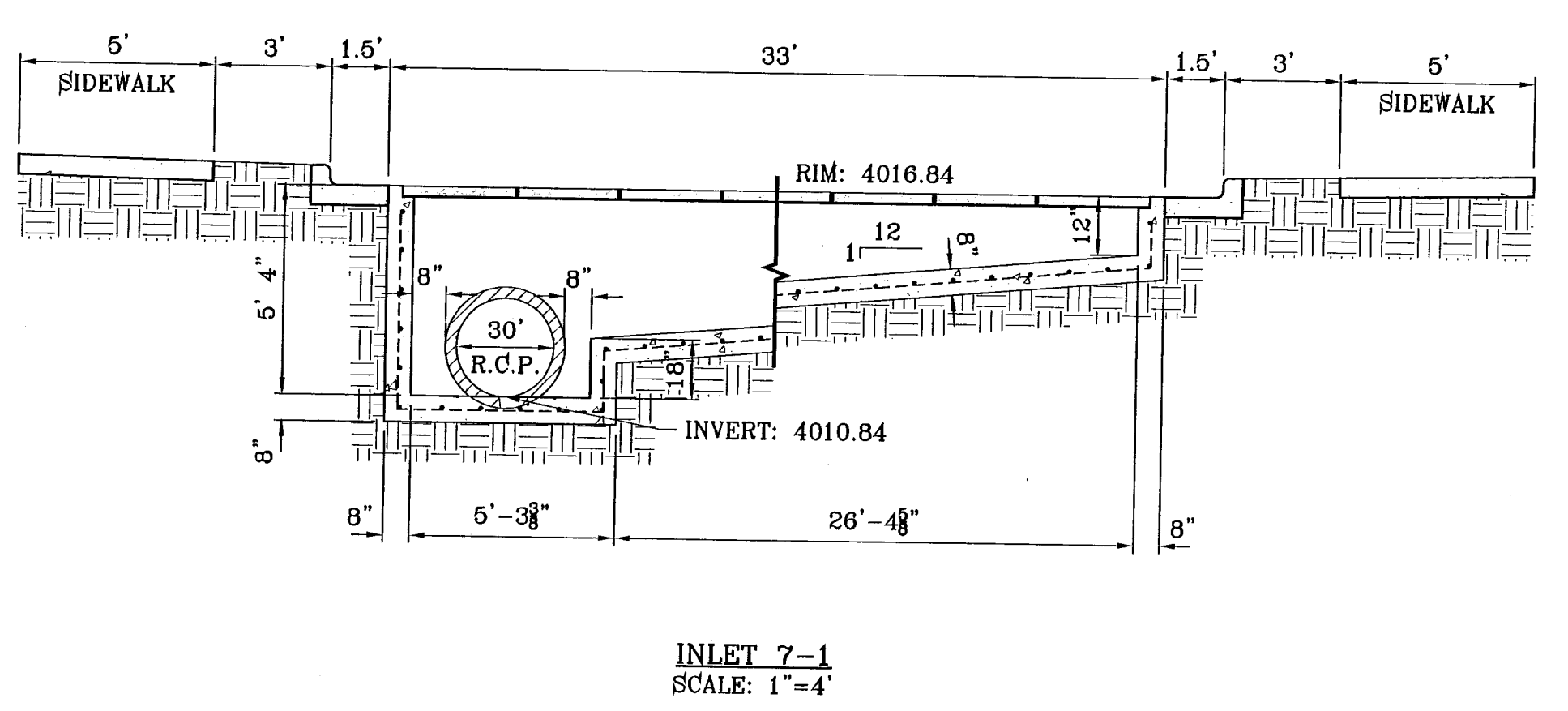
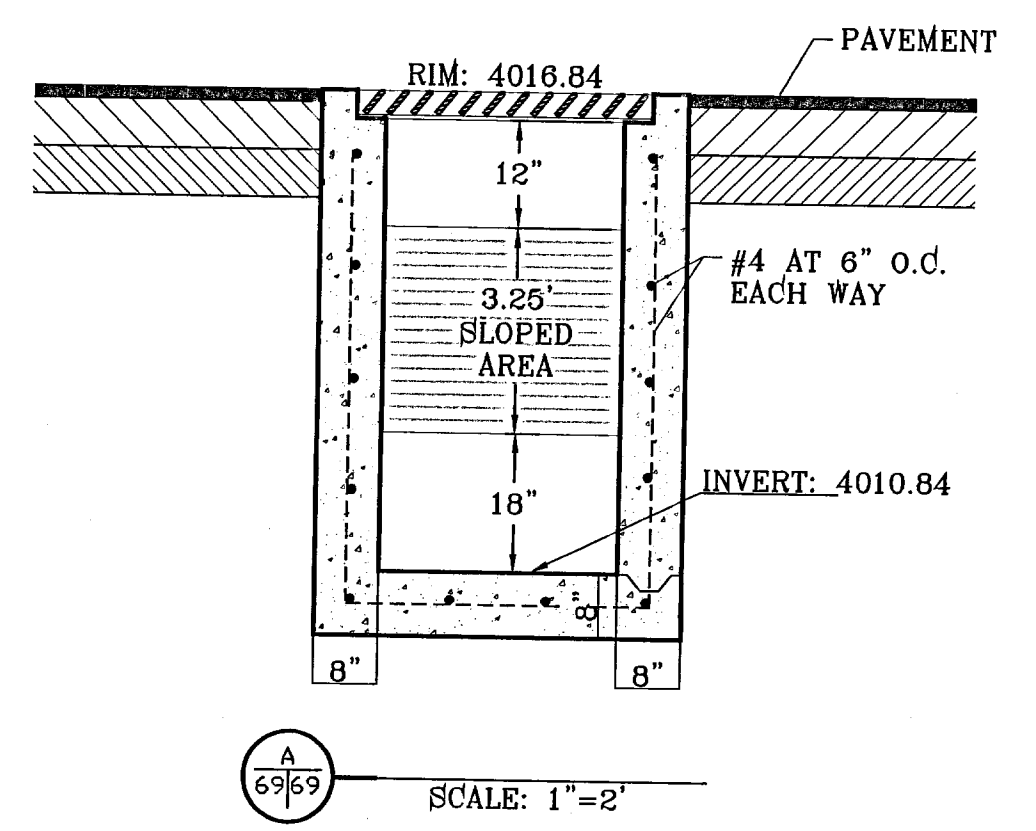
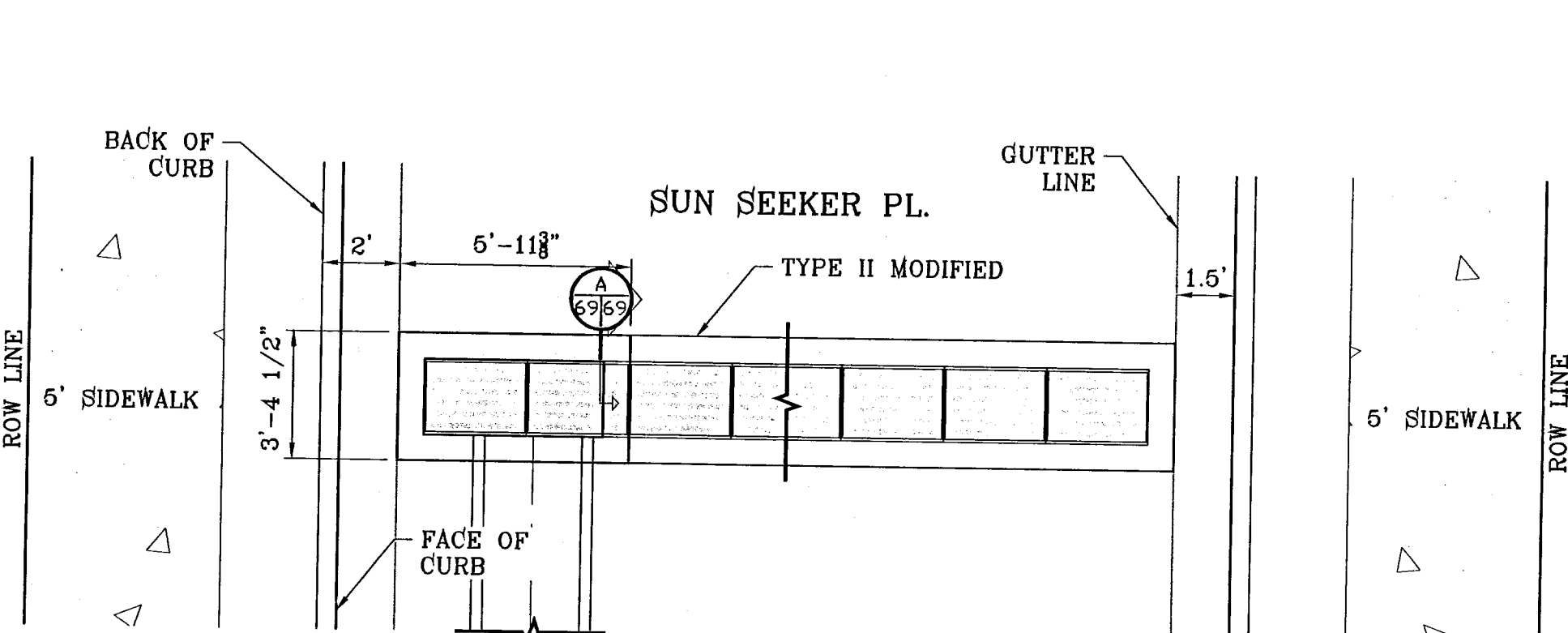
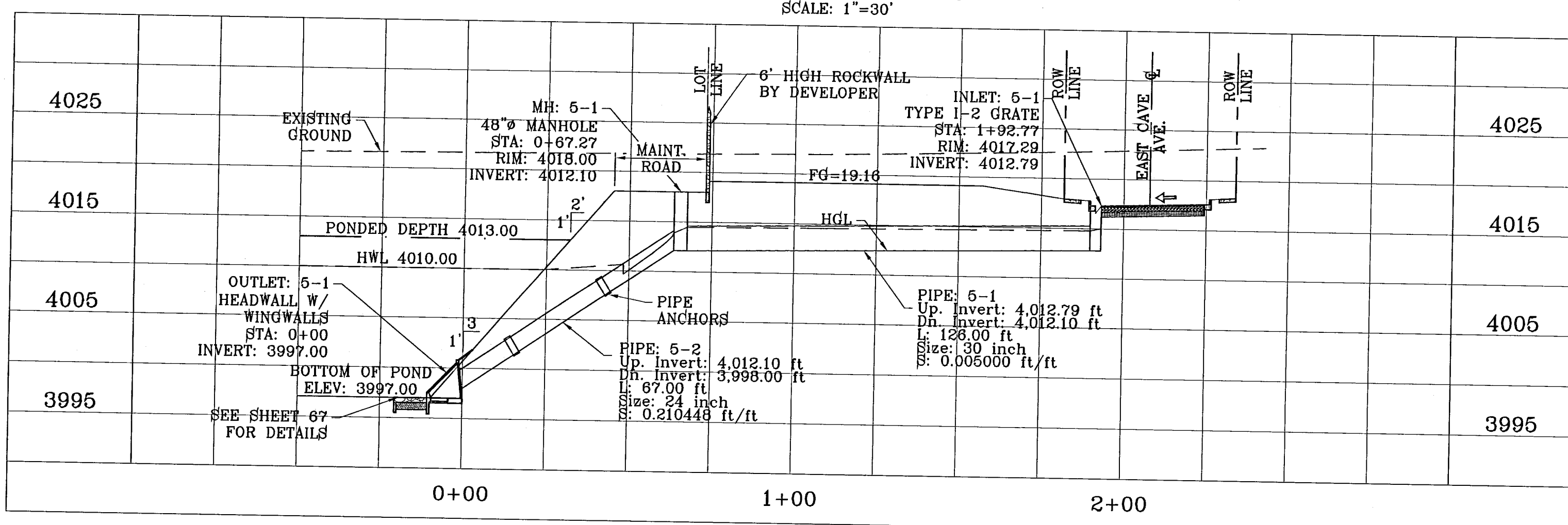
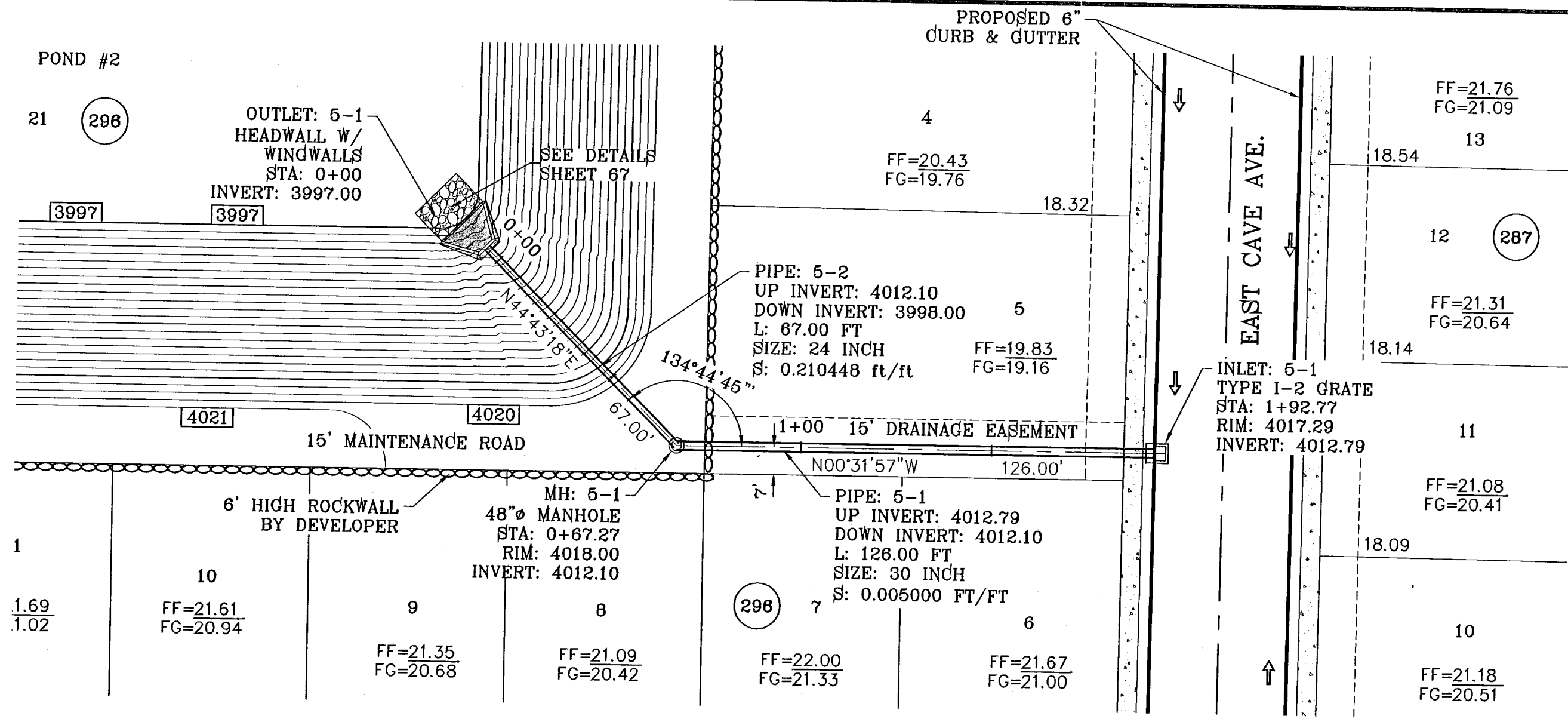
REGISTRATION NO. P-281

SHEET TITLE: DRAINAGE STRUCTURES 3 & 4

103176

TERRA DEL ESTE UNIT SIXTY FOUR

SHT 68 OF 82



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
5-1	30	126.00	0.005	25.37	30.35	5.66	4018.00	4014.47	4012.10	4017.29	4014.78	4012.79
5-2	24	67.00	0.210	25.37	103.77	8.35	4018.00	4010.00	3998.00	4018.00	4013.87	4012.10
5-1	24	33.00	0.015	14.70	27.84	4.68	4017.63	4017.63	4012.13	4017.63	4012.13	4012.63
6-2	30	126.00	0.015	29.40	50.23	5.99	4018.00	4018.00	4010.24	4017.63	4010.24	4012.13
6-3	18	68.00	0.180	29.40	44.66	16.64	4018.00	4018.00	3998.00	4018.00	3998.00	4010.24

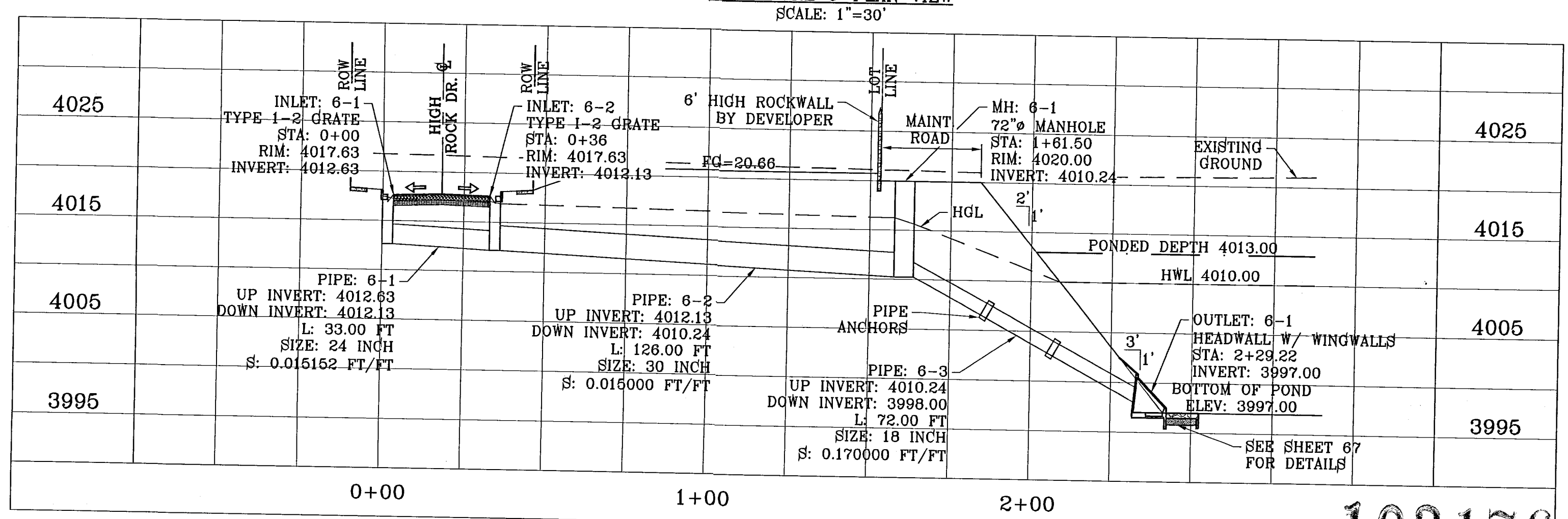
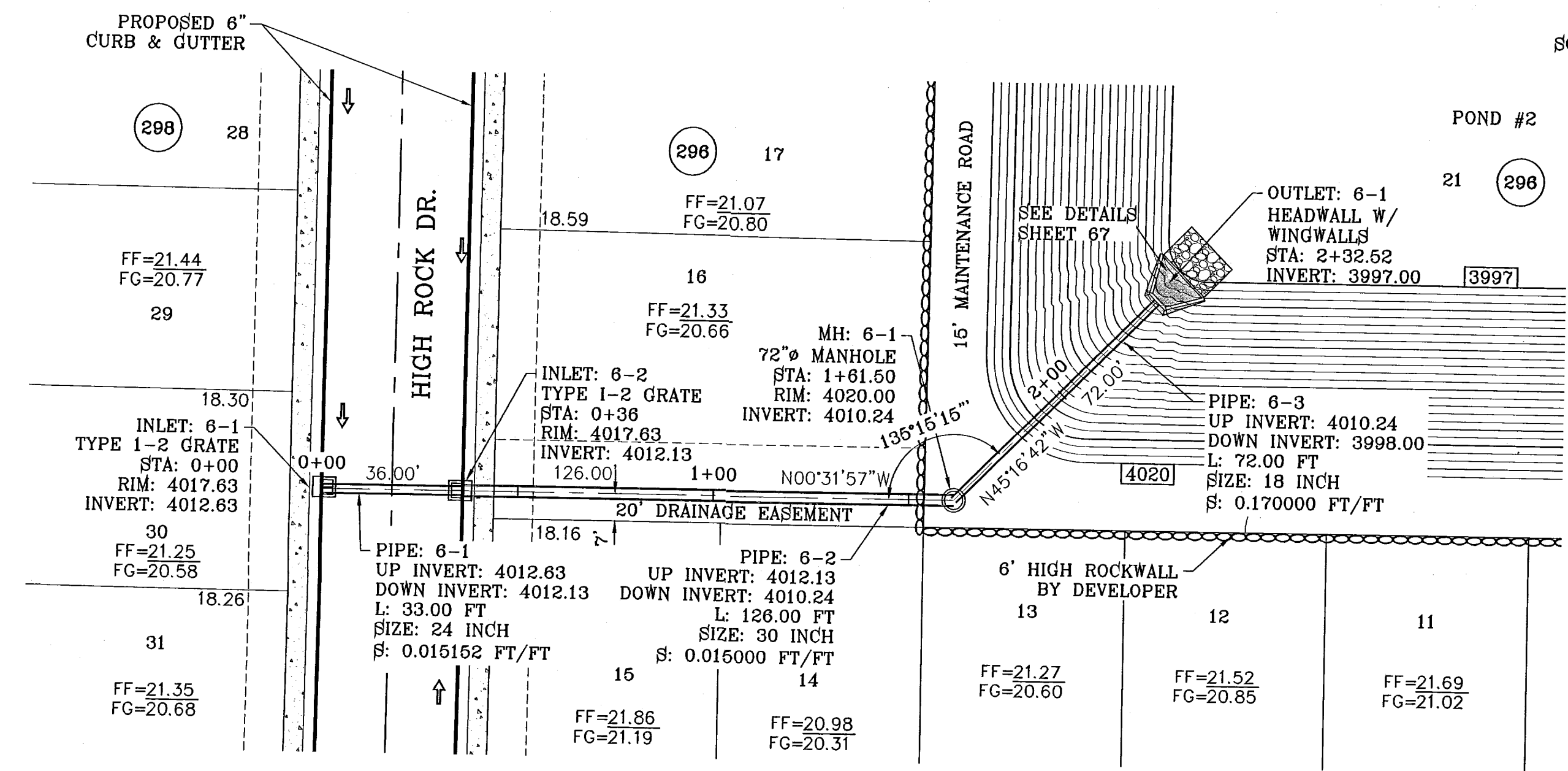
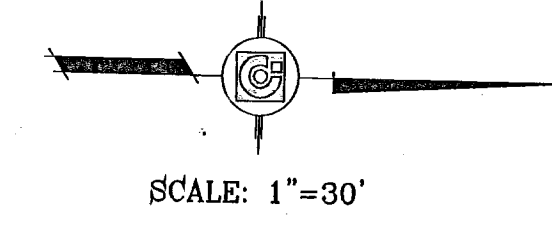
- CONSTRUCTION NOTES:**
- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI UNLESS OTHERWISE NOTED.
 - MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
 - 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
 - REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.

INLET DATA

INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
5-1	I	3	25.37	32.62
6-1	I	2	14.70	21.68
6-2	I	2	14.70	21.68

CLOGGING FACTOR IS EQUAL TO 2/3

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



BENCHMARK
NGS MARKER: COPPER-GLAD STEEL ROD DESIGNATED: X 111" P.D. C200141" ELEVATION: 3967.12

REVISIONS

DATE	BY	REVISIONS
11/30/10	E.F.G.	CITY REDLINES AS PER 11/15/10 COMMENTS
11/30/10	E.F.G.	REVISE INVERTS TO INLET 5-1 & MH 5-1 AS PER EL PASO WATER UTILITIES

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR

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

ENGINEER'S SEAL
CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS 1790 LEE TREVINO STE 400 EL PASO, TEXAS 79936

DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

CONDE INC.
ENGINEERING / PLANNING SURVEYING / GPS 1790 LEE TREVINO STE 400 EL PASO, TEXAS 79936

REGISTRATION No. F-3221

SHEET TITLE
DRAINAGE STRUCTURES 5 & 6

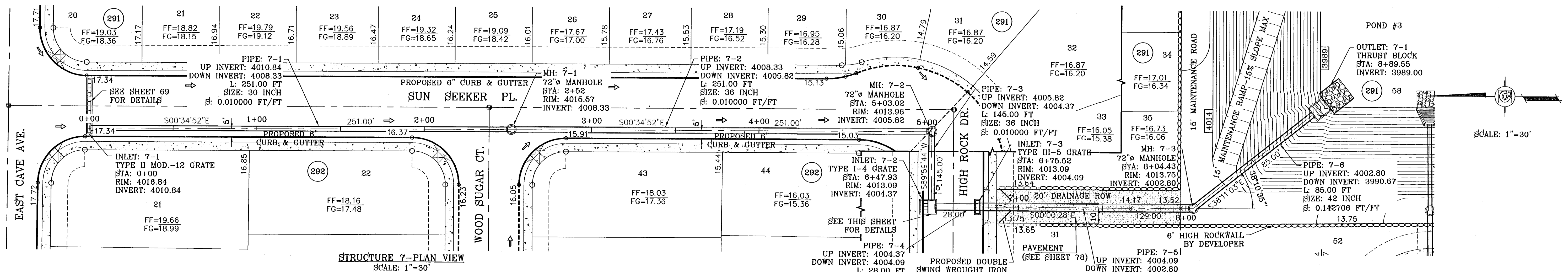
103176

TIERRA DEL ESTE UNIT SIXTY FOUR

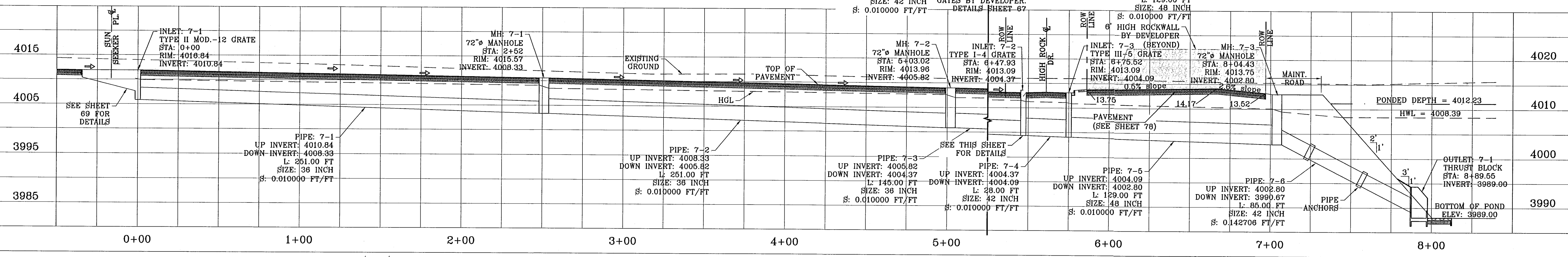
SHT 69 OF 82

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S:\Subdivisions\103176\103176.dwg 12/20/10 4:57:11 PM FRONT.pcd
 FILE LOCATION S:\Subdivisions\103176\103176.dwg 04-STR PLOTTED ON Thursday, December 02, 2010 4:57:13 PM BY EDGAR GUTIERREZ



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



STRUCTURE 7-PROFILE
SCALE: 1"=10'

PIPE	SECTION SIZE (in)	LENGTH (ft)	CONSTRUCTED SLOPE (ft/ft)	DISCHARGE (cfs)	CAPACITY (cfs)	AVERAGE VELOCITY (fps)	DOWN STREAM GOUND	DOWN STREAM HGL	DOWN STREAM INVERT	UPSTREAM GROUND	UPSTREAM HGL	UPSTREAM INVERT
7-1	36	251.00	0.010	38.89	66.69	5.50	4015.57	4014.06	4008.33	4016.84	4014.91	4010.84
7-2	36	251.00	0.010	38.89	66.69	5.50	4013.96	4012.60	4005.82	4015.57	4013.46	4008.33
7-3	36	145.00	0.010	38.89	66.69	5.50	4013.09	4011.51	4004.37	4013.96	4012.00	4005.82
7-4	42	28.00	0.010	78.39	100.60	7.94	4013.09	4011.12	4004.09	4013.09	4011.28	4004.37
7-5	48	129.00	0.010	113.89	143.64	9.06	4013.75	4010.08	4002.80	4013.09	4010.89	4004.09
7-6	42	85.00	0.143	113.89	380.05	11.84	4018.00	4008.39	3990.67	4013.75	4009.48	4002.80
8-1	30	45.00	0.010	37.51	41.01	7.64	4014.28	4010.77	4007.78	4013.73	4011.15	4008.23
8-2	30	28.00	0.010	37.51	41.01	7.64	4013.00	4010.31	4007.50	4014.28	4010.54	4007.78
8-3	24	48.00	0.365	37.51	136.59	11.94	4013.00	4008.39	3990.00	4013.00	4009.71	4007.50

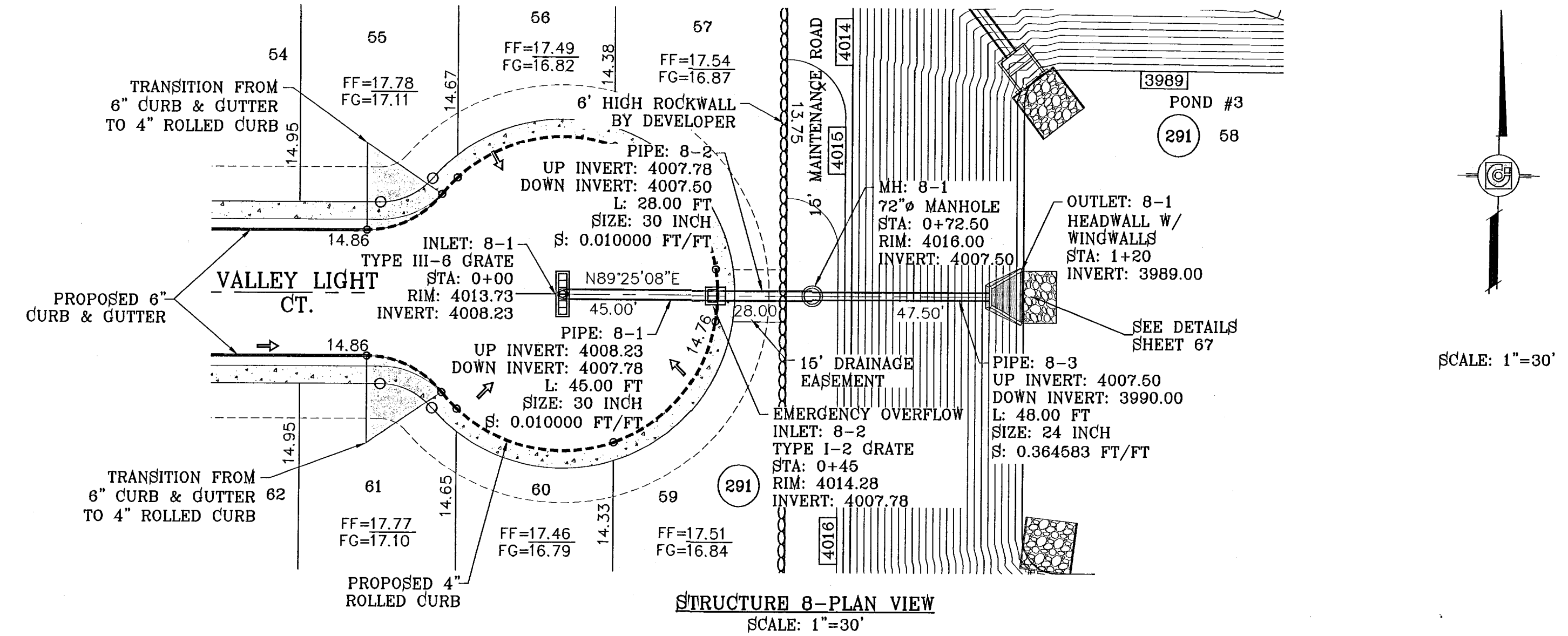
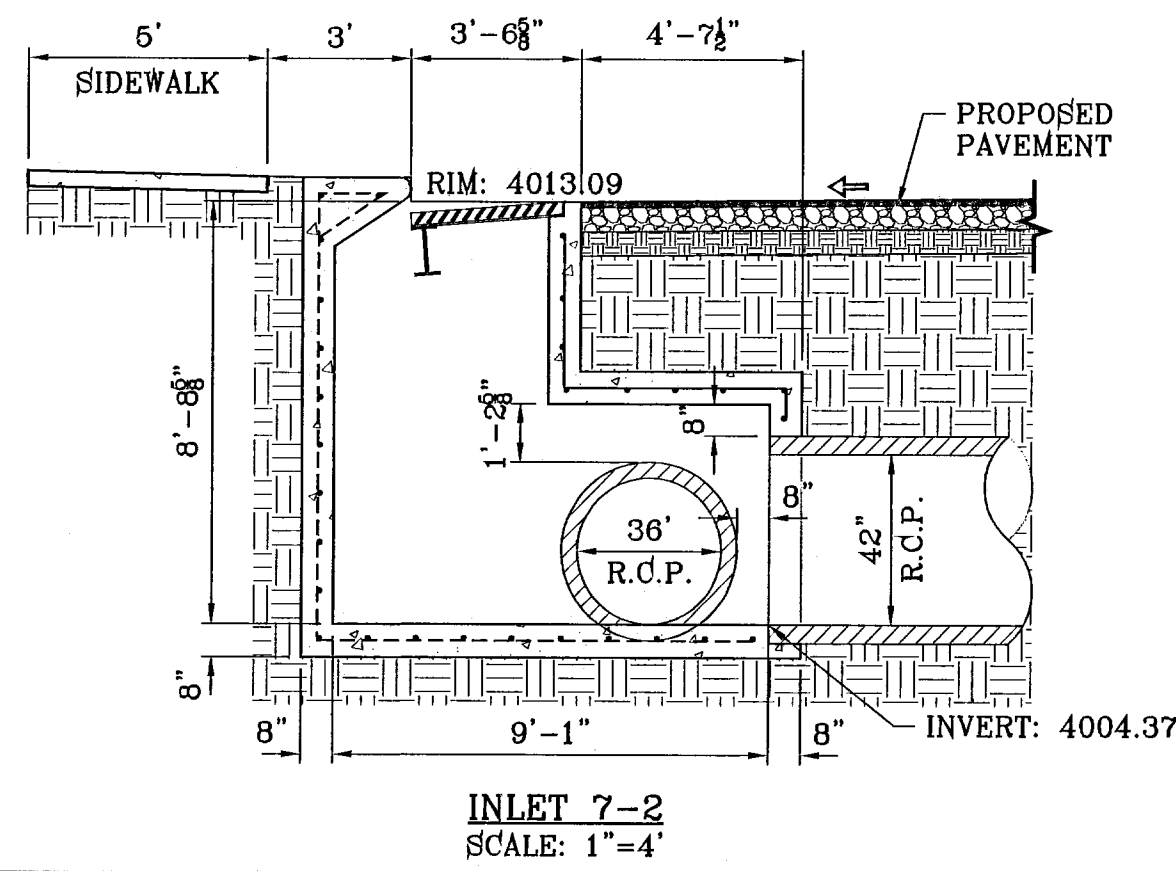
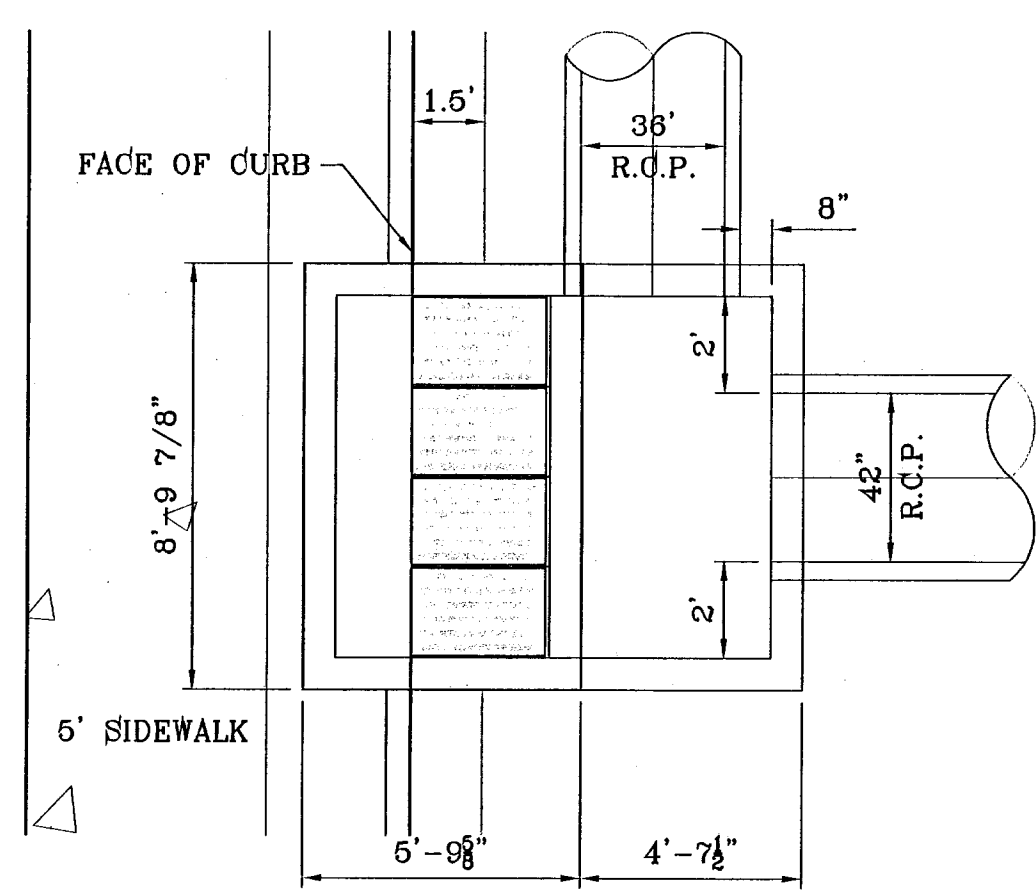
- CONSTRUCTION NOTES:**
- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI UNLESS OTHERWISE NOTED.
 - MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
 - 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
 - REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.

INLET DATA

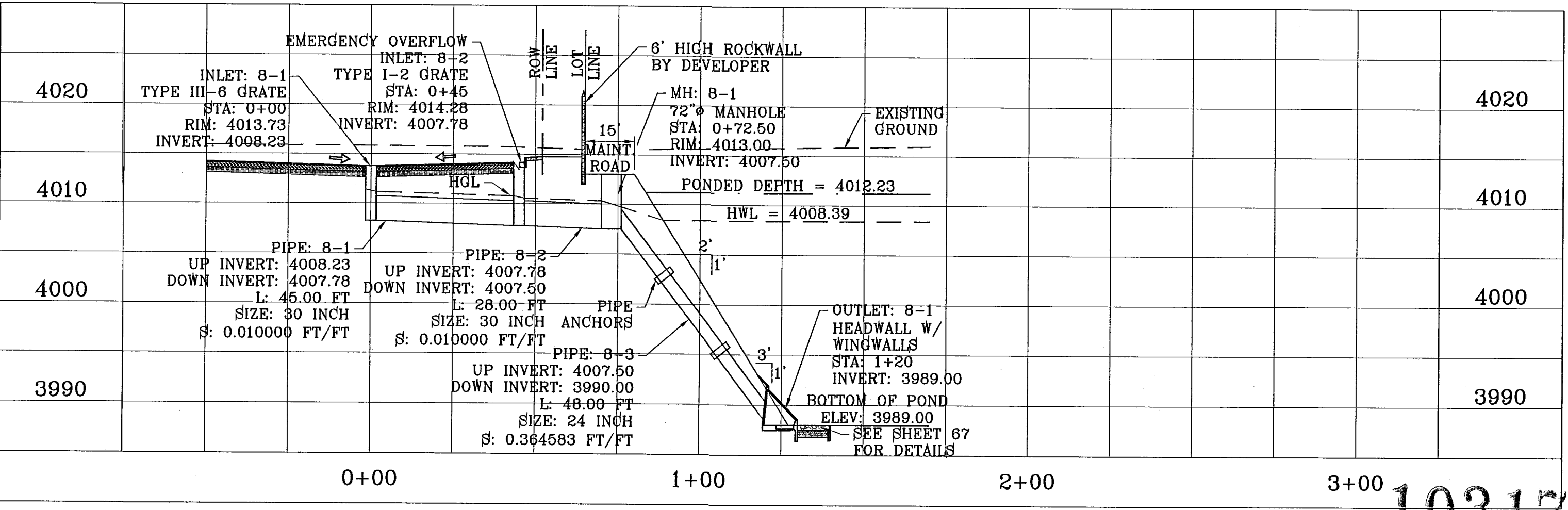
INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
7-1	II-MOD	12	38.89	92.84
7-2	I	4	37.50	43.36
7-3	III	5	37.50	38.60
8-1	III	6	37.51	46.32
8-2	I	2	N/A	15.44

CLOGGING FACTOR IS EQUAL TO 2/3

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



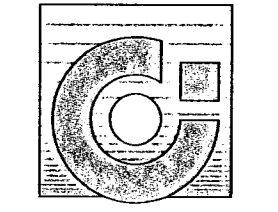
STRUCTURE 8-PLAN VIEW
SCALE: 1"=30'



STRUCTURE 8-PROFILE
SCALE: 1"=10'

PROJECT NAME: TIERRA DEL ESTE UNIT SIXTY FOUR
 ENGINEER'S SEAL: [Seal]
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41
 SCALE: HORIZ: 1"=30', VERT: 1"=10'
 DATE: SEPT. 2010
 NCS MARKER: COPPER-CLAD STEEL ROD DESIGNATED "X" 1/4" DIA "CE0441" ELEVATION: 3987.12
 REVISIONS: [Table]
 DATE: 11/30/10
 CITY: REDLINES AS PER 11/15/10 COMMENTS
 BY: E.F.G.
 BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 78, TOWNSHIP 2, T. 10 N., R. 10 W., COUNTY OF PASO, TEXAS, CONTAINING 138.788 ACRES.

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVING STE 400
EL PASO, TEXAS 79936

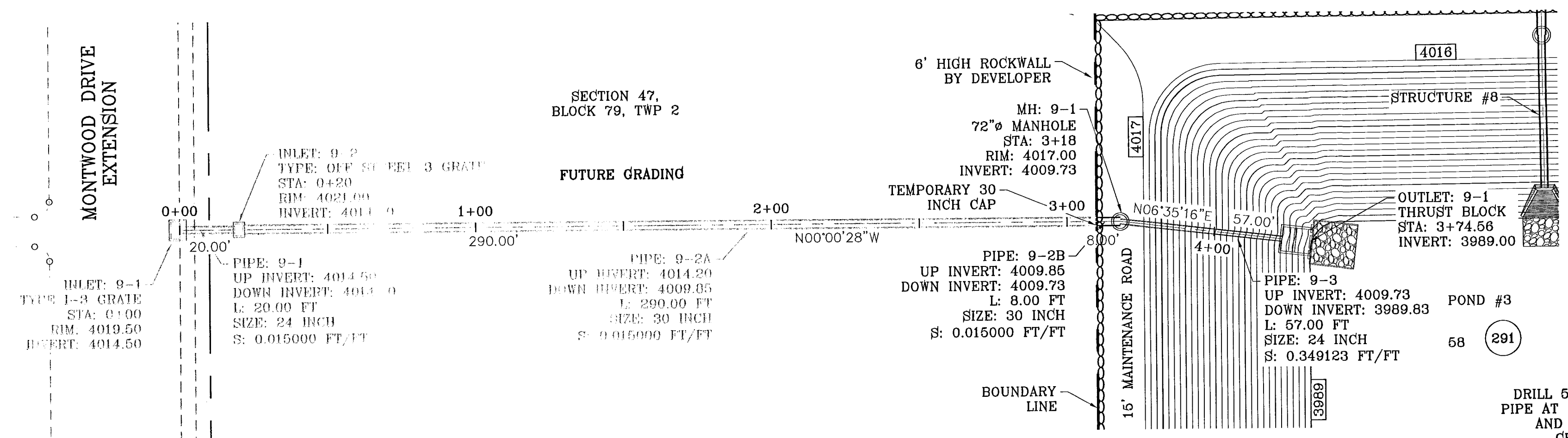


SHEET TITLE

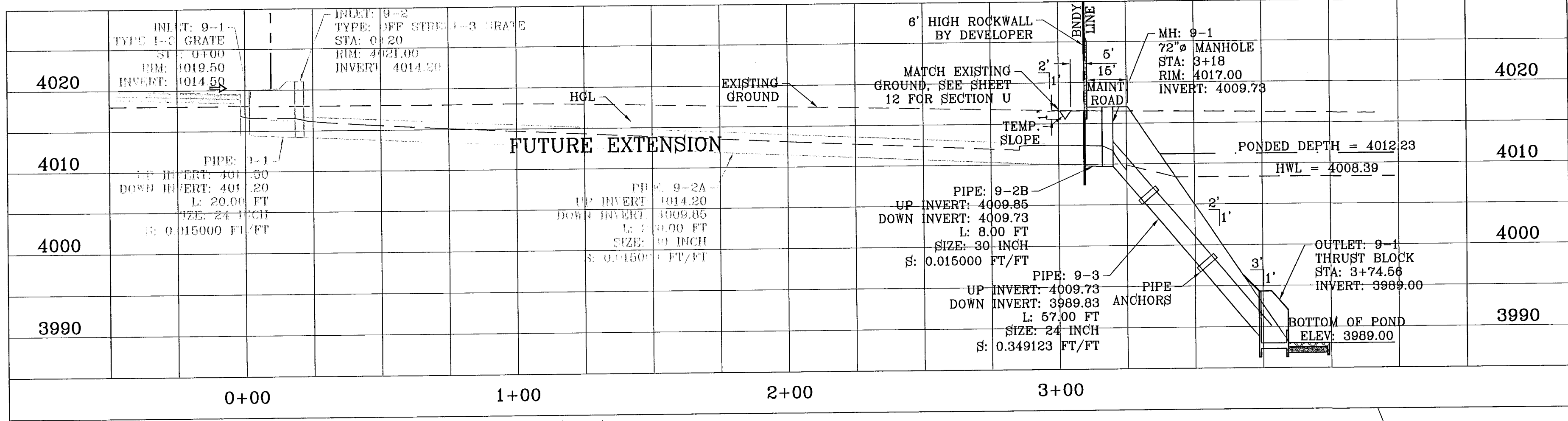
DRAINAGE STRUCTURES 7 & 8

103176
TIERRA DEL ESTE UNIT SIXTY FOUR

FILE LOCATION S:\Subdivisions\TDE 64 REVISED\dwg\TDE_64-STR PLOTTED ON Wednesday, June 22, 2011 8:18:38 AM BY RUBEN RIVERA



STRUCTURE 9-PLAN VIEW
SCALE: 1"=30'



STRUCTURE 9-PERFILE
SCALE: 1"=10'

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
9-1	24	20.00	0.015	14.22	27.71	4.53	4021.00	4016.62	4014.20	4019.50	4016.60	4014.50
9-2A	30	290.00	0.015	38.44	50.23	8.29	4017.00	4012.27	4009.85	4021.00	4016.29	4014.20
9-2B	30	8.00	0.015	38.44	50.23	8.29	4017.00	4012.27	4009.73	4021.00	4016.29	4009.85
9-3	24	57.00	0.349	38.44	133.66	12.28	4017.00	4008.39	3989.83	4017.00	4011.67	4009.73
10-1	18	20.00	0.081	26.32	29.89	14.89	4017.38	4015.56	4011.88	4018.50	4016.82	4013.50
10-2	30	90.00	0.010	38.16	41.01	7.77	4017.38	4014.55	4010.98	4018.50	4016.82	4013.50
10-3	36	23.00	0.008	50.90	59.00	7.20	4018.00	4014.19	4010.80	4017.38	4014.32	4010.98
10-4	30	22.00	0.036	50.90	78.21	10.37	4017.00	4013.25	4010.00	4018.00	4013.59	4010.80

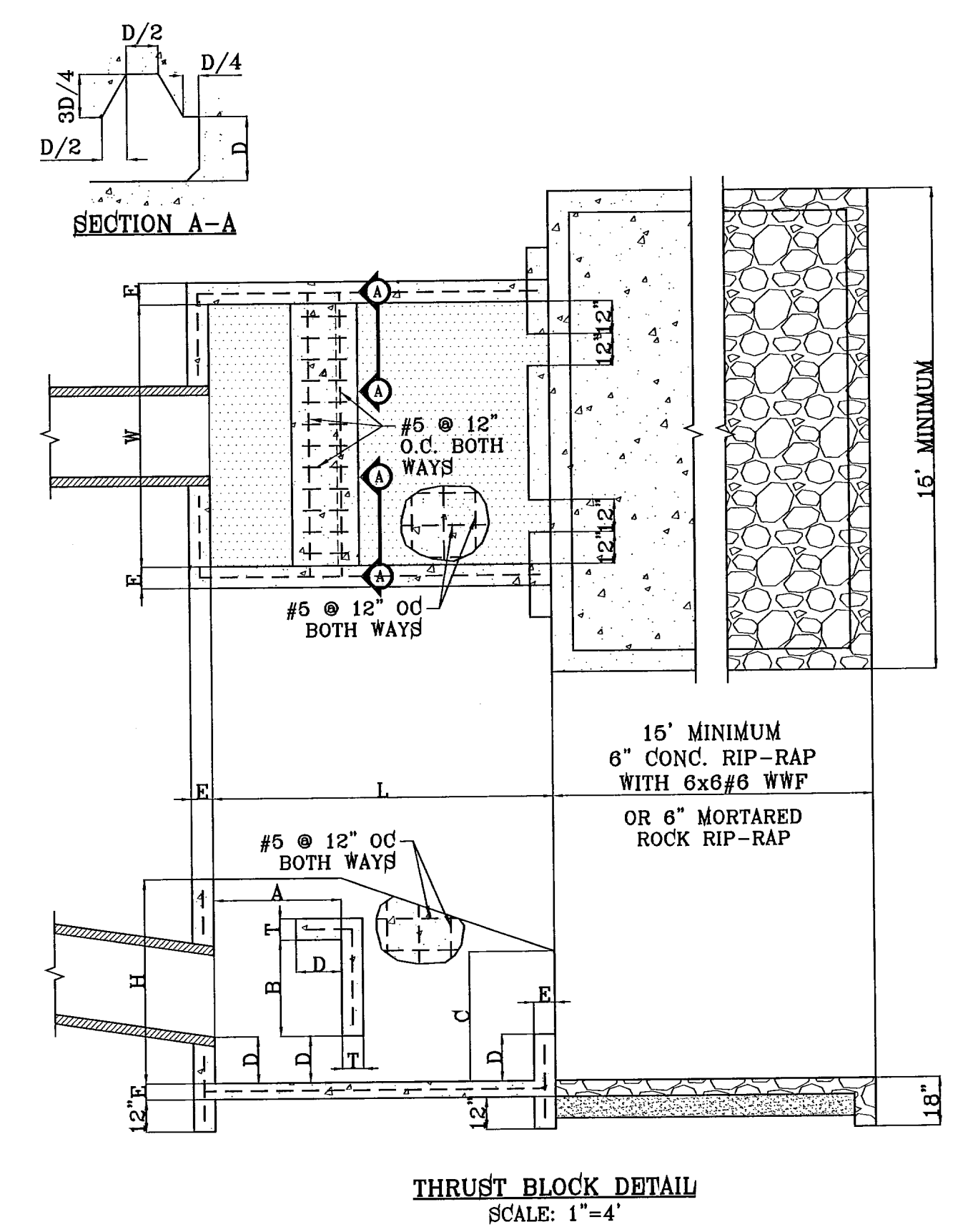
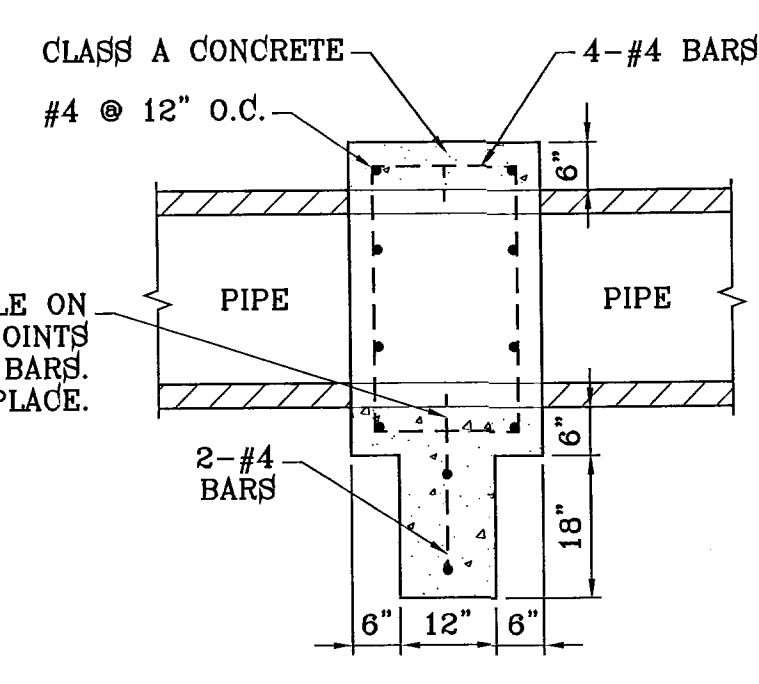
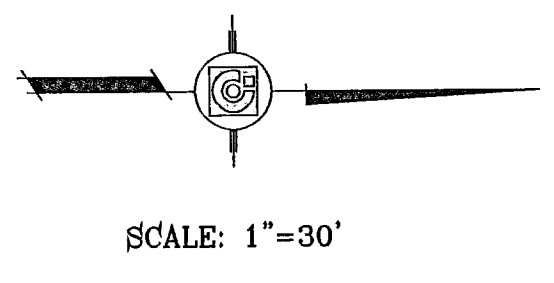
INLET DATA

INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
9-1	I	3	14.22	32.54
9-2	OFF-ST	3	24.22	39.95
10-1	OFF-ST	4	26.32	62.08
10-2	I	3	11.84	32.52
10-3	I	3	12.74	32.52

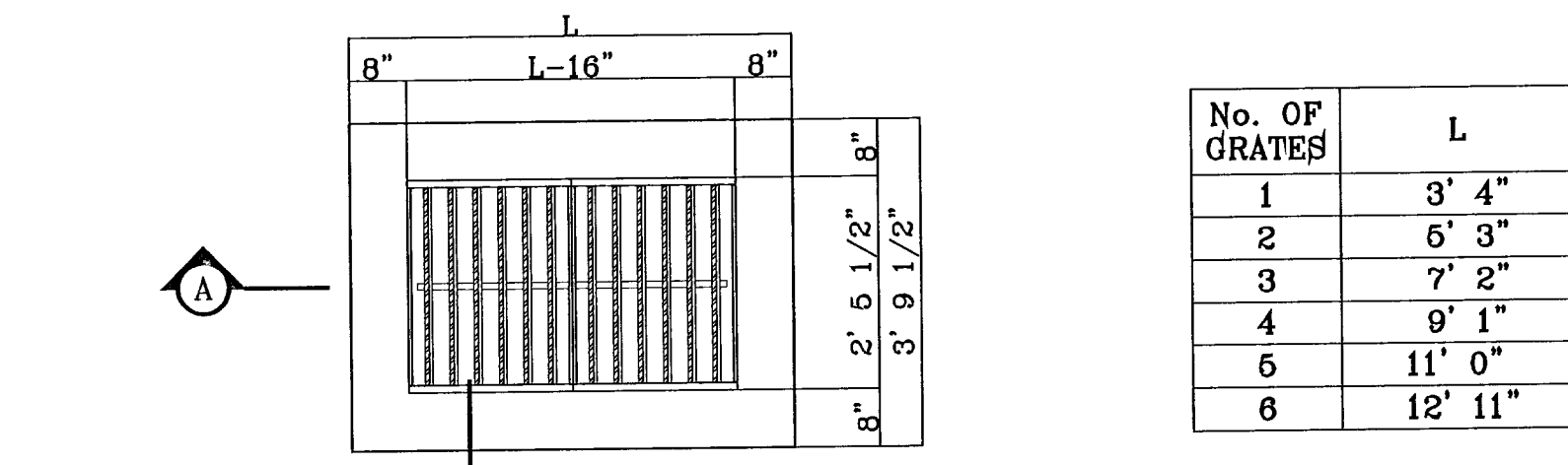
CLOGGING FACTOR IS EQUAL TO 2/3

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

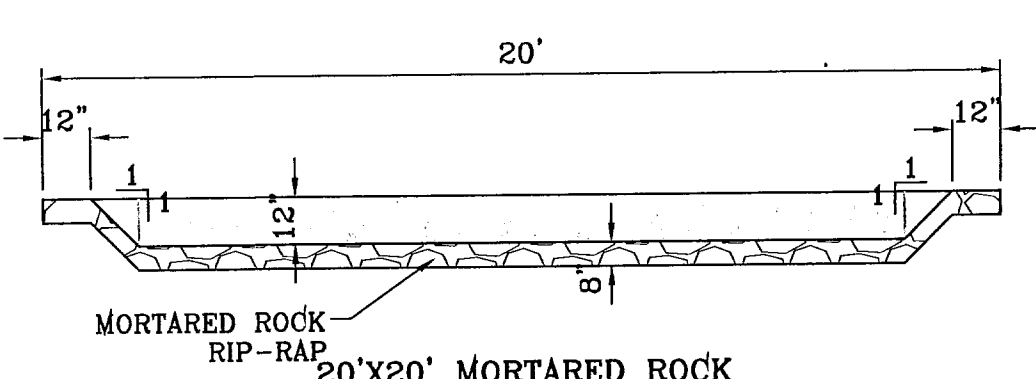
STRUCTURE	H	L	A	B	C	D	E	F	W
STRUCTURE #4	6'2"	9'2"	3'5"	2'7"	3'5"	1'2"	7"	7"	6'11"
STRUCTURE #7	6'0"	8'9"	3'3"	2'6"	3'3"	1'8"	6"	6"	6'7"
STRUCTURE #9	3'9"	6'8"	2'6"	1'10"	2'6"	10"	1'8"	1'8"	5'0"



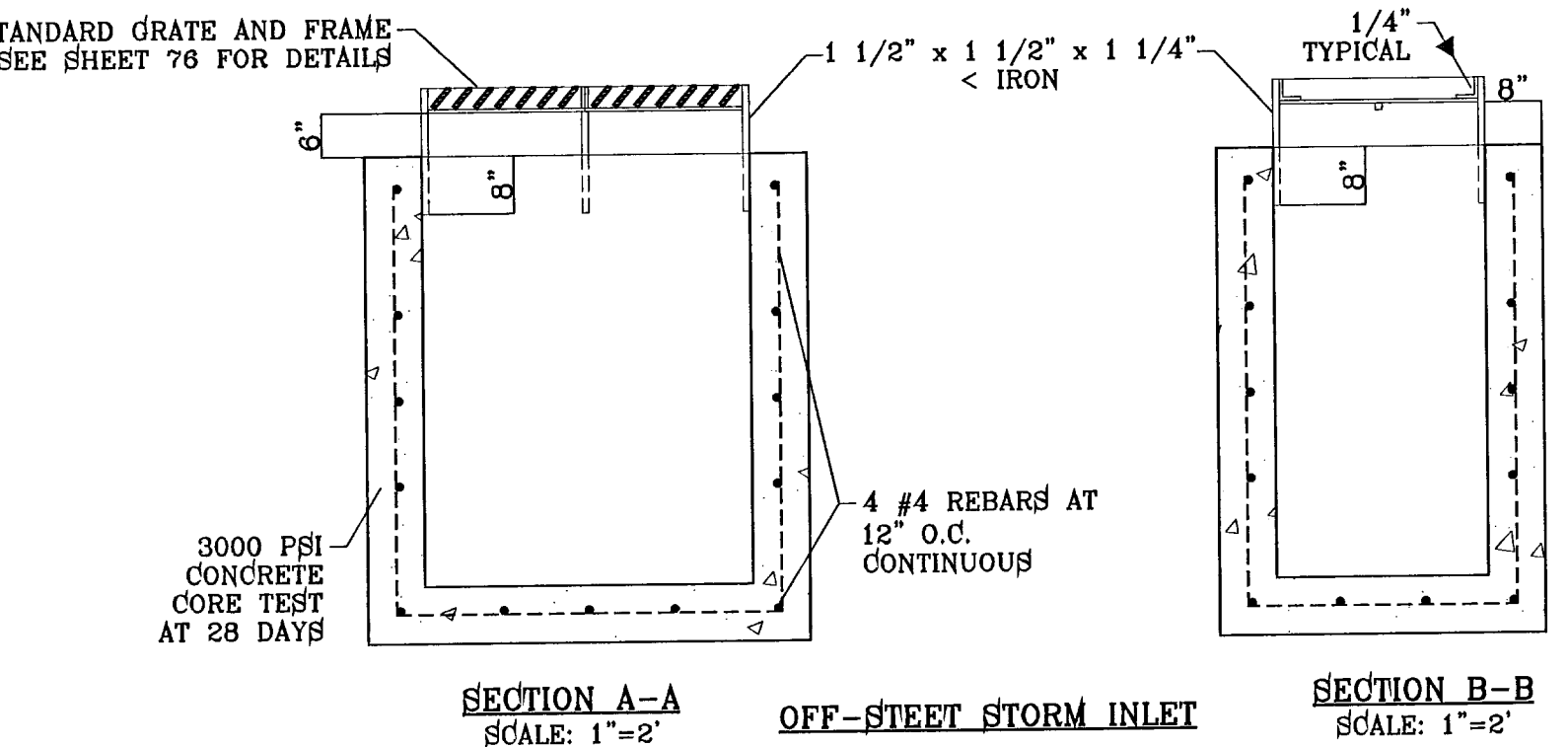
THRUST BLOCK DETAIL
SCALE: 1"=4'



No. OF GRATES	L
1	3' 4"
2	5' 3"
3	7' 2"
4	9' 1"
5	11' 0"
6	12' 11"

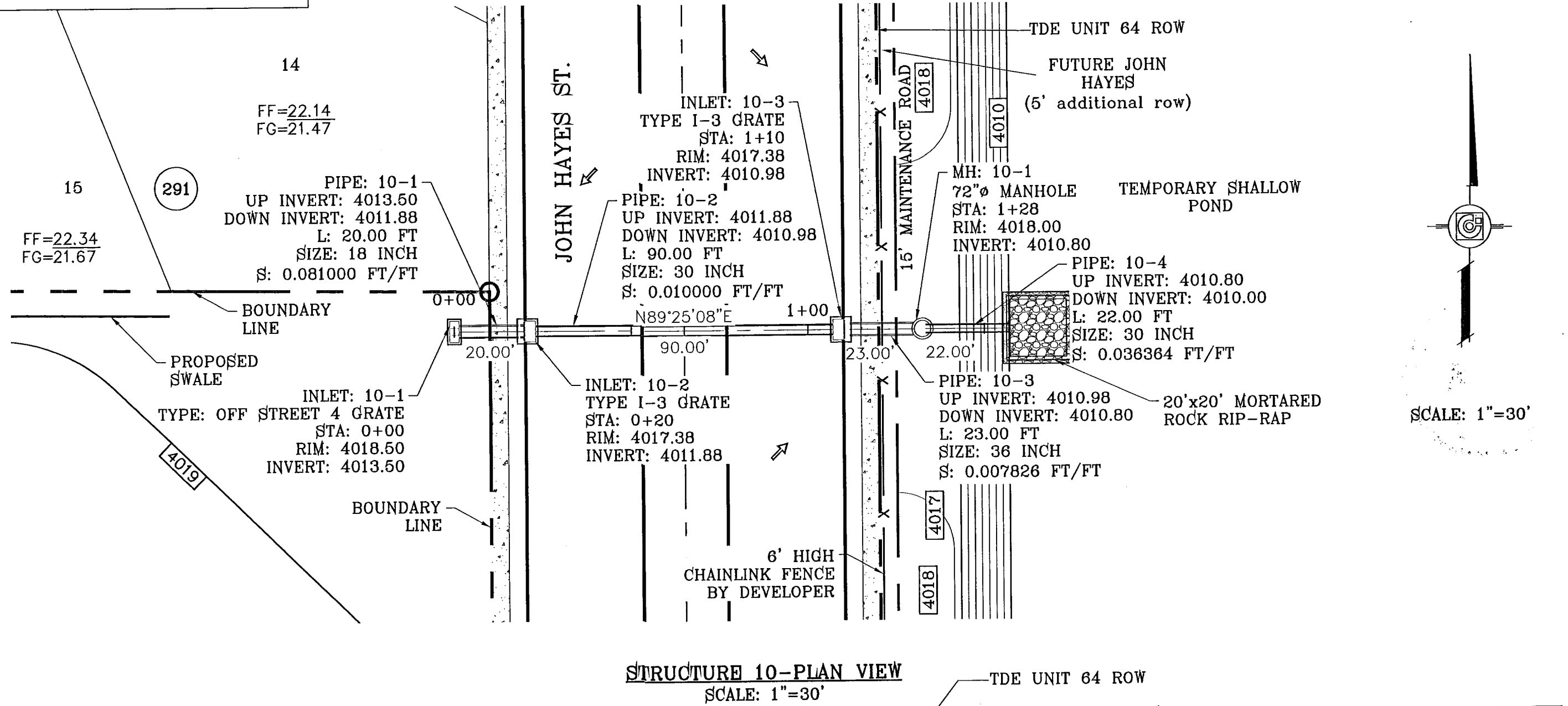


20'x20' MORTARED ROCK RIP-RAP DETAIL
SCALE: 1"=4'

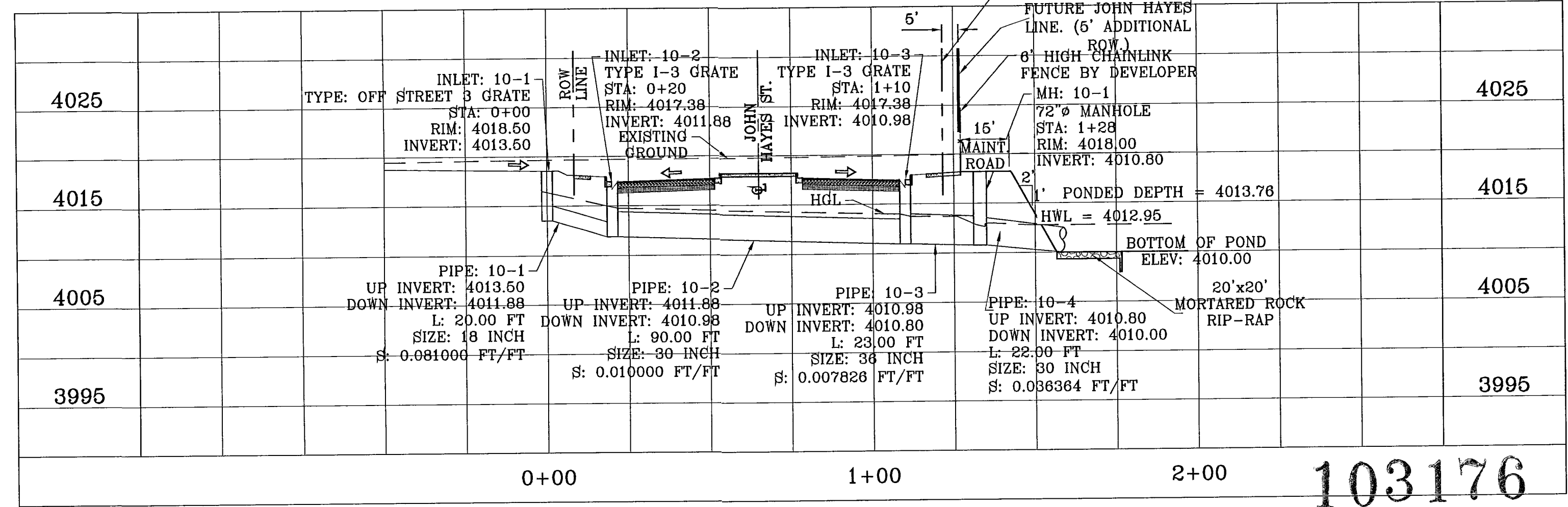


SECTION A-A OFF-STREET STORM INLET
SCALE: 1"=2'

SECTION B-B
SCALE: 1"=2'



STRUCTURE 10-PLAN VIEW
SCALE: 1"=30'



STRUCTURE 10-PERFILE
SCALE: 1"=10'

103176

TIERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK
NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED: X 1118" PID "CE0141"
ELEVATION: 3987.12

DATE	REVISIONS	BY
11/30/10	CITY REDLINES AS PER 11/15/10 COMMENTS	E.F.C.

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 138.768 ACRES.

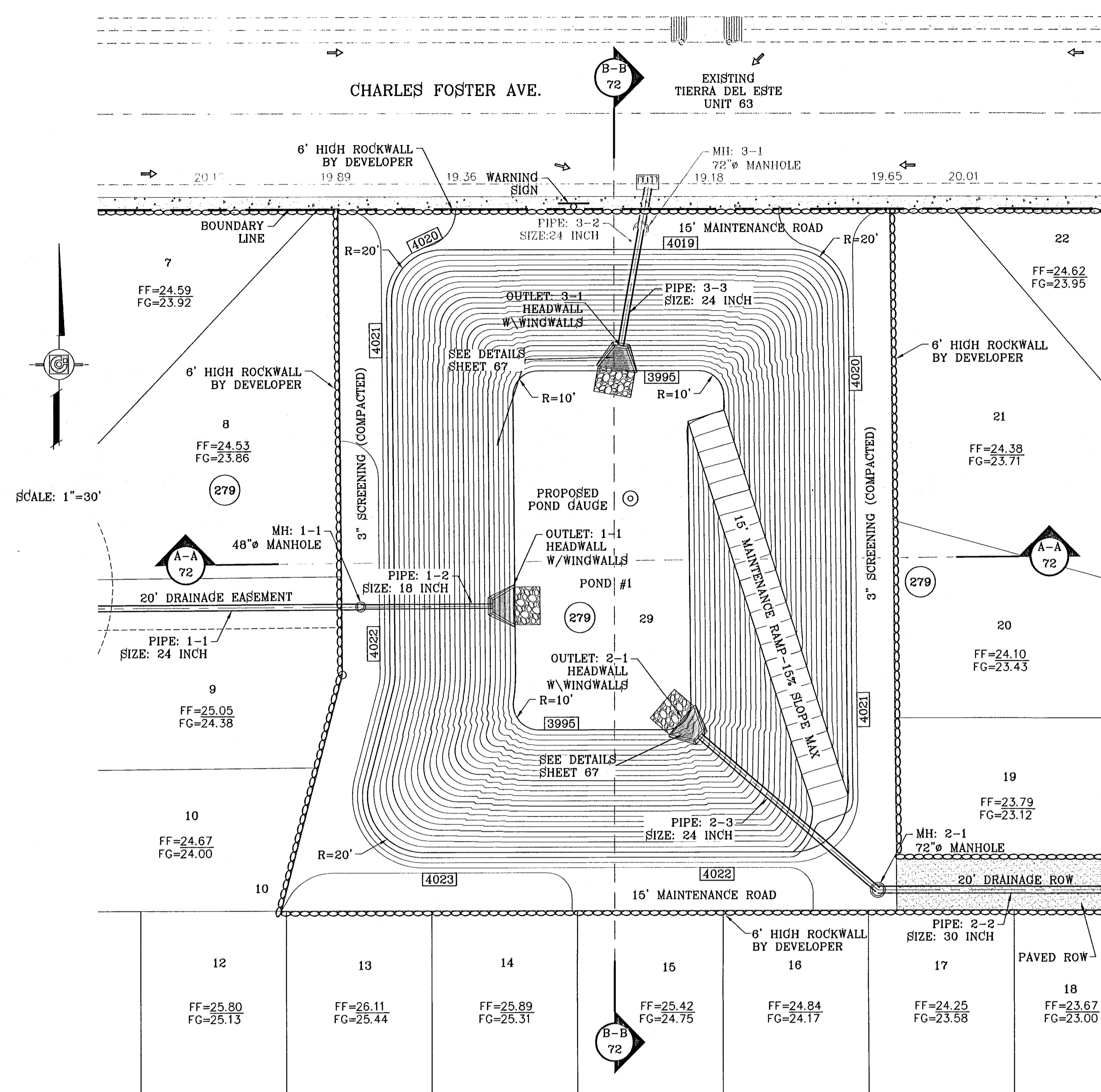
SCALE
HORIZ: 1"=30'
VERT: 1"=10'

DATE: SEPT. 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.C.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TRAVING ST. 400
EL PASO, TEXAS 79966

CONDE INC.
REGISTRATION No. 42321

SHEET TITLE
DRAINAGE STRUCTURES 9 & 10



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 $\frac{0.74(4).60}{12} = 0.16 \text{ ac-ft}$
 TDE 63 $\frac{16.37(4).60}{12} = 3.27 \text{ ac-ft}$
 TDE 64 $\frac{24.01(4).60}{12} = 4.80 \text{ ac-ft}$
 POND $\frac{1.43(4).60}{12} = 0.29 \text{ ac-ft}$

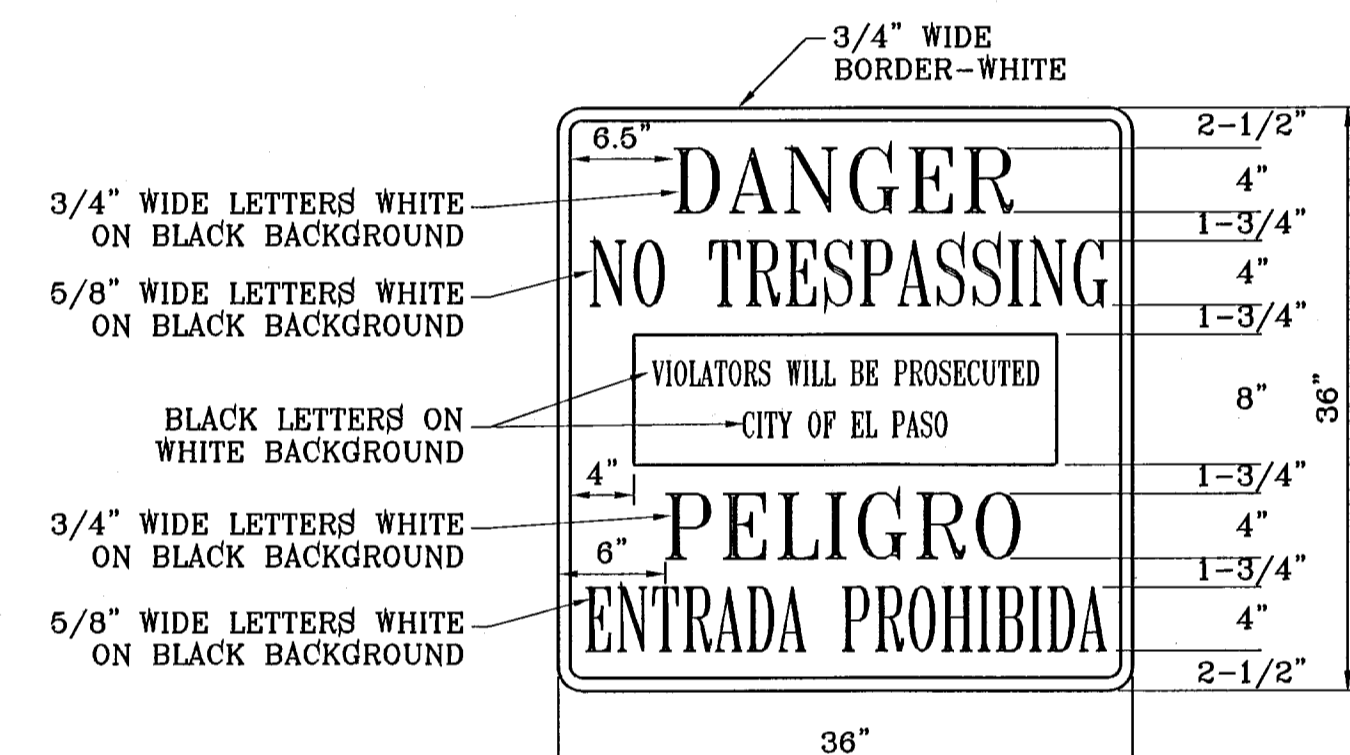
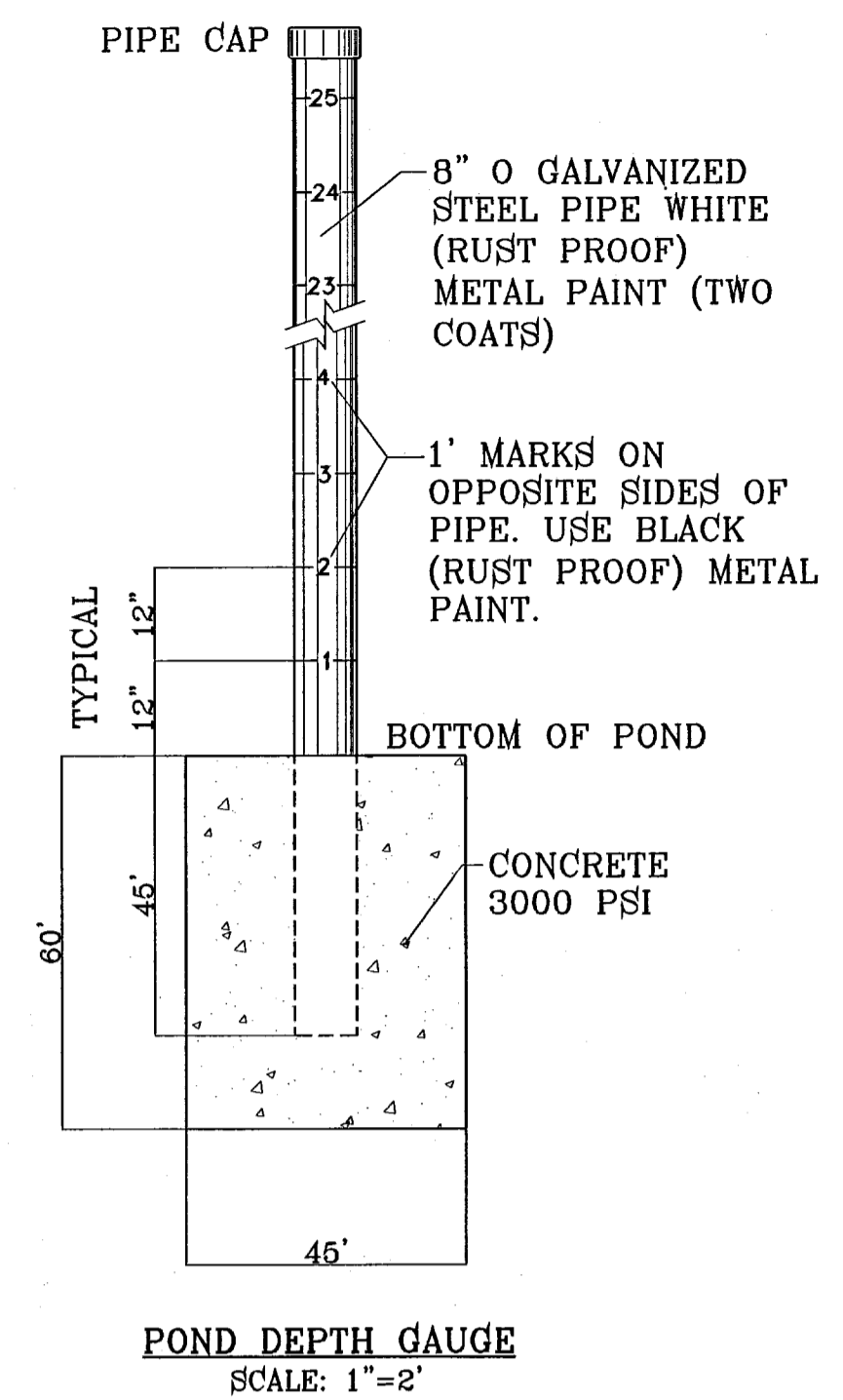
TOTAL = 8.61 ac-ft

25% EMERG. = 2.13 ac-ft
 SILT & DEBRIS = 0.51 ac-ft

Qreq (TOTAL) = 11.16
 Qcap (TOTAL) = 12.66

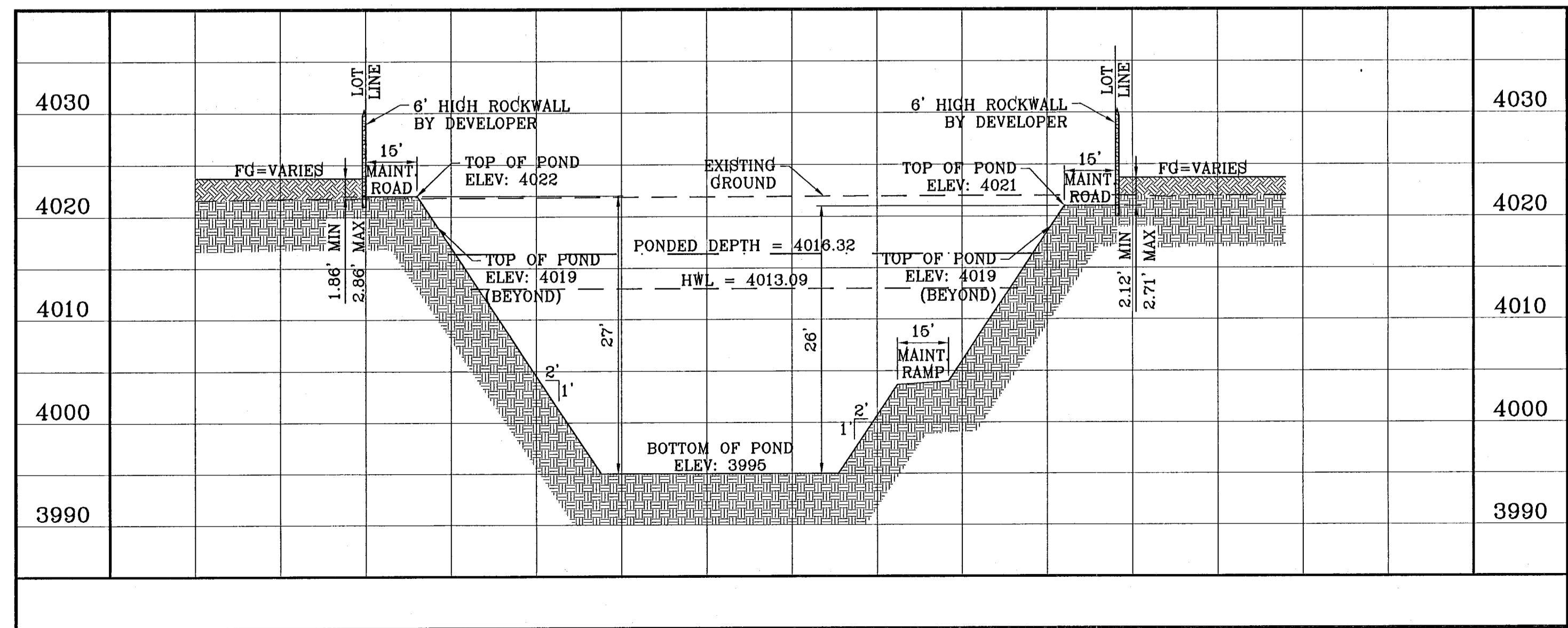
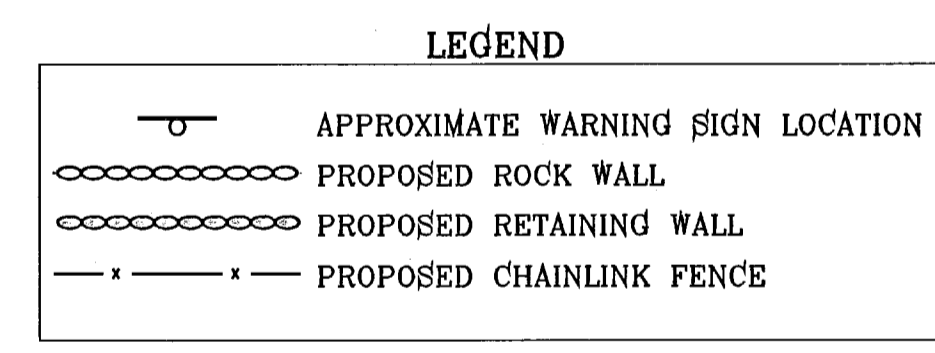
100 YR HW ELEV = 4013.09
 100 YR PONDED DEPTH = 4016.32

ELEVATION FT	CONIC VOL. AC-FT	VOLUME CAP. AC-FT
4019.00	0.96	13.62
4018.00	0.92	12.66
4017.00	0.88	11.74
4016.00	0.84	10.86
4015.00	0.81	10.02
4014.00	0.77	9.21
4013.00	0.73	8.44
4012.00	0.70	7.71
4011.00	0.66	7.01
4010.00	0.63	6.35
4009.00	0.60	5.72
4008.00	0.56	5.12
4007.00	0.53	4.56
4006.00	0.50	4.03
4005.00	0.47	3.53
4004.00	0.44	3.05
4003.00	0.42	2.61
4002.00	0.39	2.19
4001.00	0.36	1.81
4000.00	0.34	1.44
3999.00	0.31	1.11
3998.00	0.29	0.79
3997.00	0.26	0.51
3996.00	0.24	0.24
3995.00	0.00	0.00

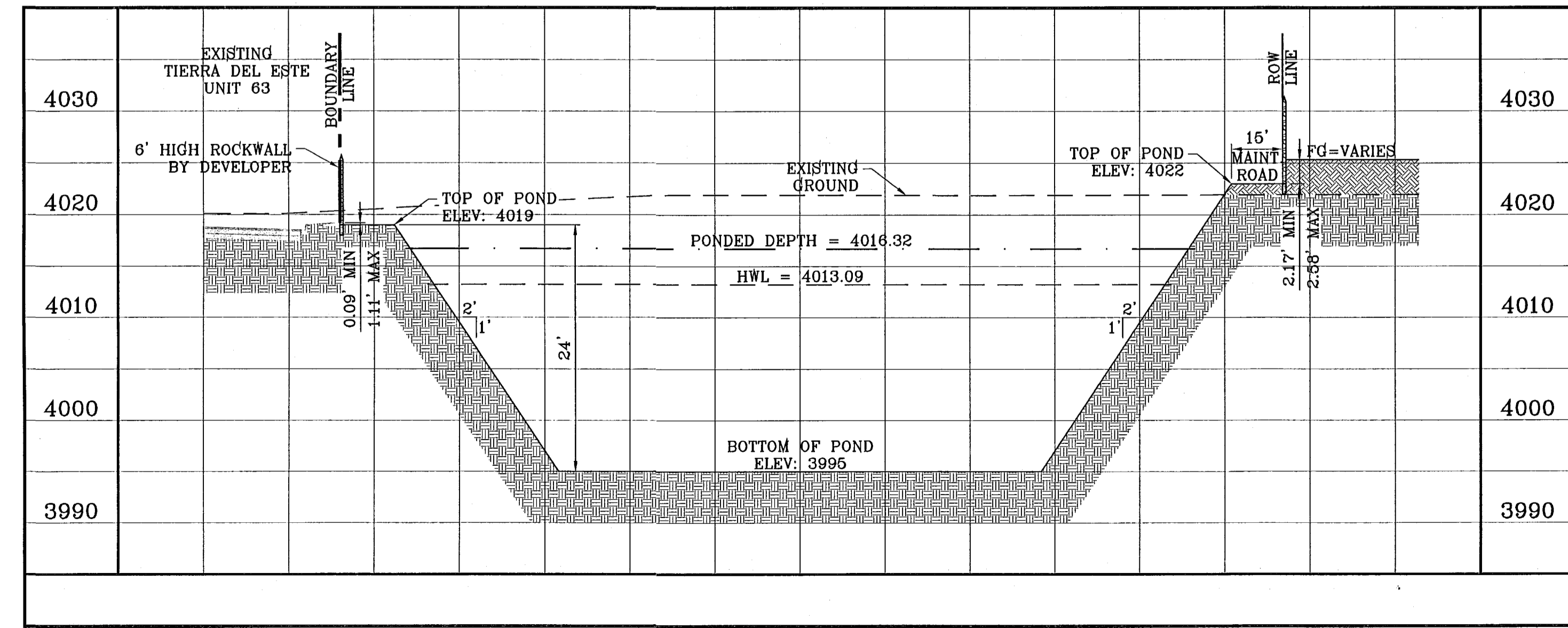


NOTE: SIGN TO BE PAINTED ON 16 GAUGE GALVANIZED METAL

WARNING SIGN DETAIL
SCALE: 1"=1'



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



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

103176

TIERRA DEL ESTE UNIT SIXTY FOUR

S:\EDGAR\TDE 64\REVISED\TDE 64-POND.dwg, 12/29/10 10:59:40 AM, FRONT.PLOT, FILE LOCATION S:\EDGAR\TDE 64 REVISED\dwg\TDE 64-POND PLOTTED ON Thursday, December 02, 2010 10:59:41 AM BY EDGAR CUTIERRIZ

BENCHMARK

NGS MARKER COPPER-CLAD STEEL ROD
 DESIGNATED "111" AND "20141"
 ELEVATION: 5867.42

REVISIONS

DATE

BY

PROJECT NAME

TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 139.766 ACRES

ENGINEER'S SEAL

SCALE

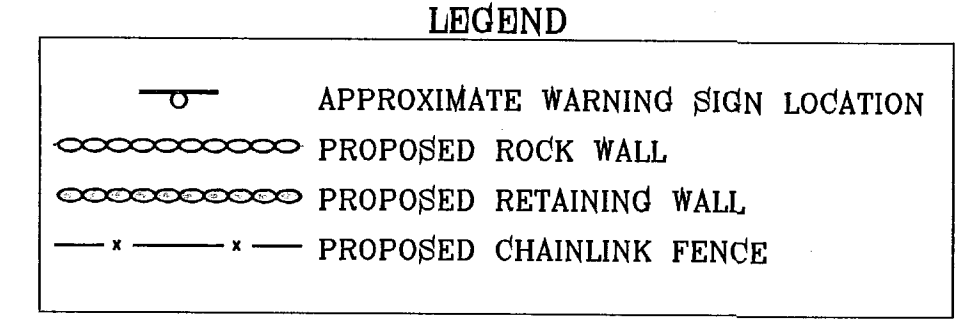
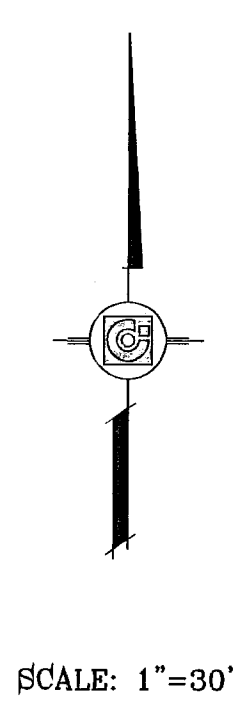
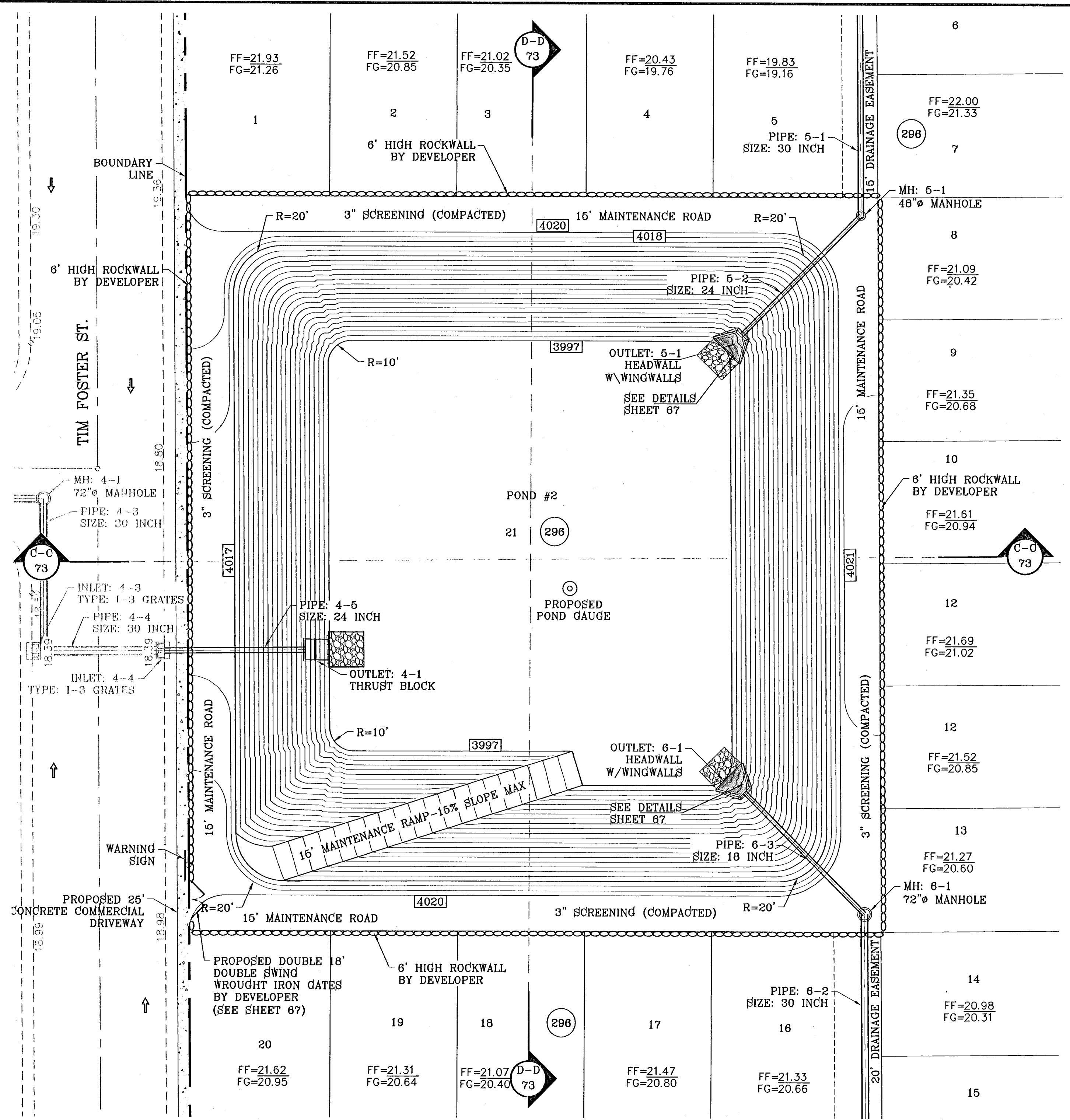
HORIZ: 1"=90'
 VERT: 1"=10'

DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE. 400
 EL PASO, TEXAS 79966

REGISTRATION No. F-2321

SHEET DATE 04 REVISED 04/10/10 FILE LOCATION S:\EDGAR\TDE 64 REVISED\DWG\TDE_64-POND PLOTTED ON Thursday, December 02, 2010 11:00:03 AM BY EDGAR GUTIERREZ

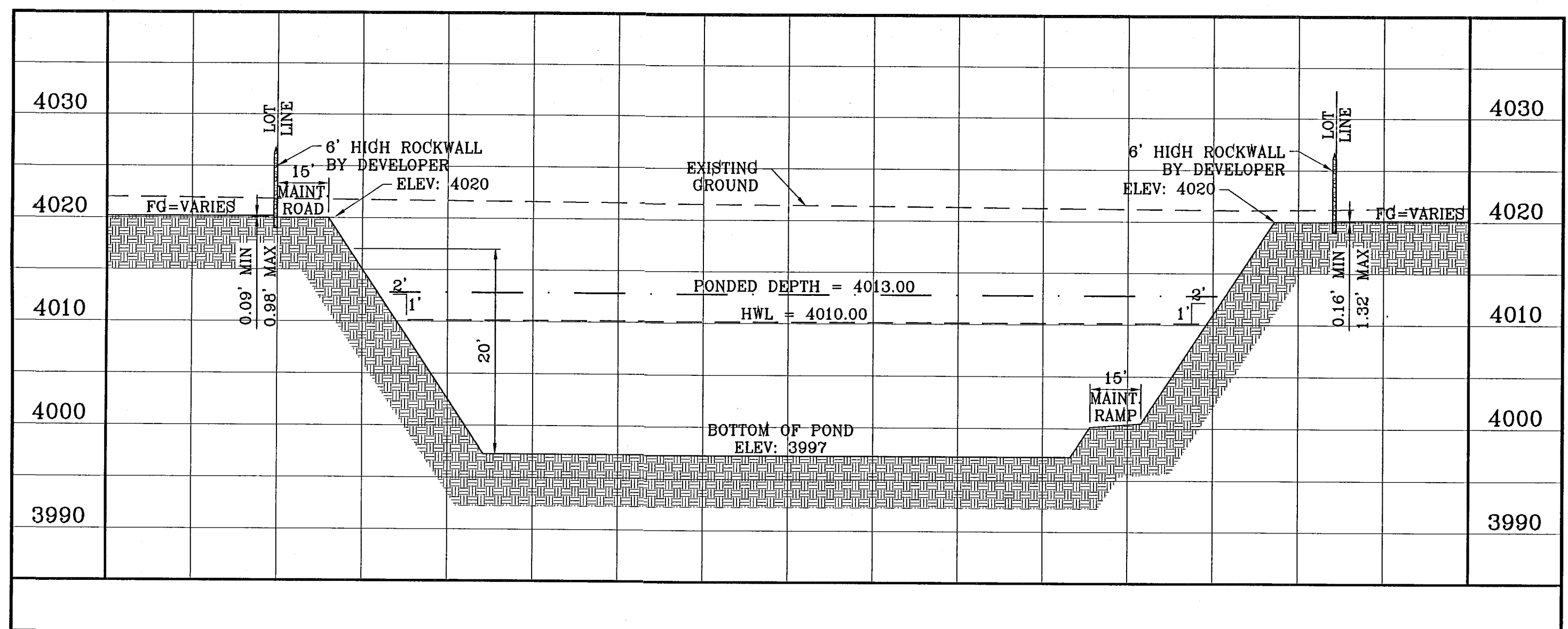
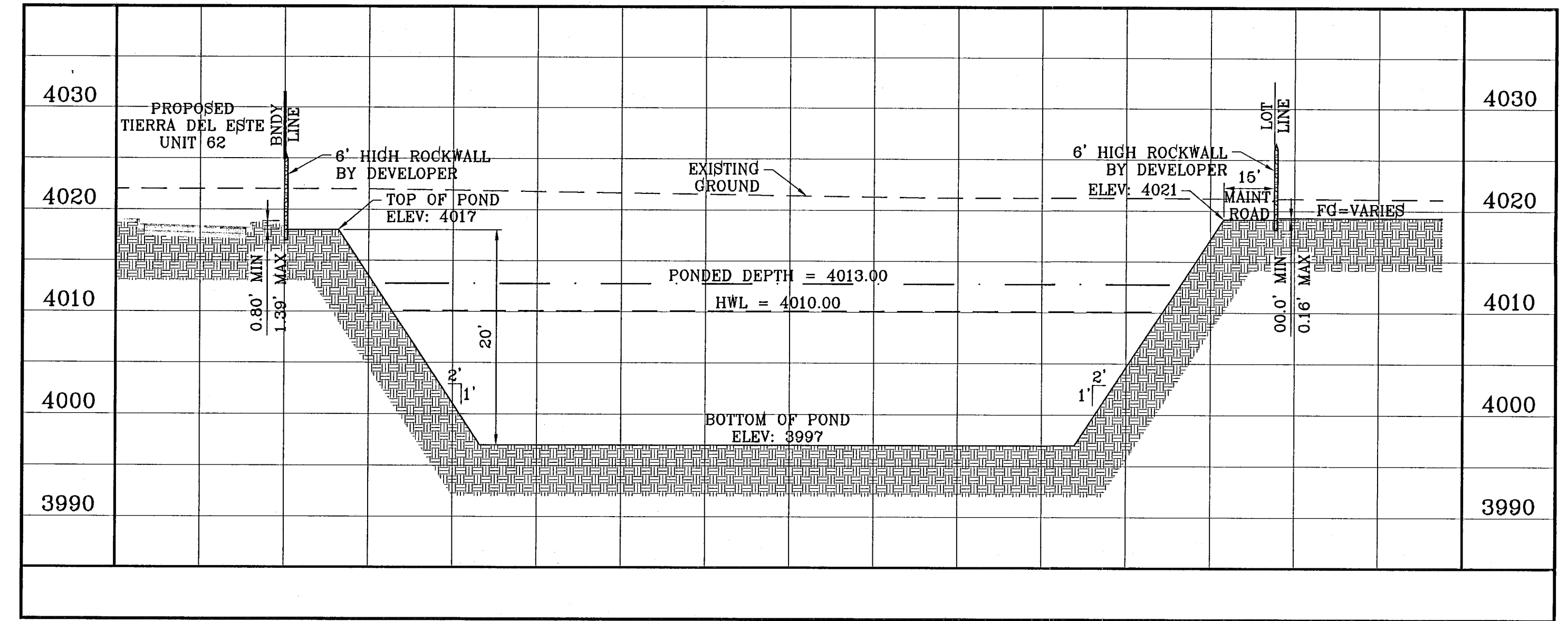


ELEVATION FT	CONIC VOL. AC-FT	VOLUME CAP. AC-FT
4017.00	1.51	21.81
4016.00	1.46	20.31
4015.00	1.41	18.85
4014.00	1.36	17.44
4013.00	1.32	16.07
4012.00	1.27	14.75
4011.00	1.23	13.48
4010.00	1.18	12.25
4009.00	1.14	11.07
4008.00	1.10	9.93
4007.00	1.06	8.83
4006.00	1.02	7.77
4005.00	0.98	6.76
4004.00	0.94	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
 $Q = \frac{A \cdot R \cdot C}{12} = AC-FT$
 POND CALC.
 $Q = ARC/12$
 A = TOTAL RUNOFF IN AC/FT.(100%)
 R = RAINFALL IN INCHES
 C = RUNOFF FACTOR

TDE 62 $\frac{22.42(4).60}{12} = 4.48$ ac-ft
 TDE 64 $\frac{30.06(4).60}{12} = 6.01$ ac-ft
 POND 2.09 AC = 0.92 ac-ft
 MONTWOOD 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



BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED "X 111" PID "CE0141"
 ELEVATION = 8867.12
 BY:

DATE	REVISIONS

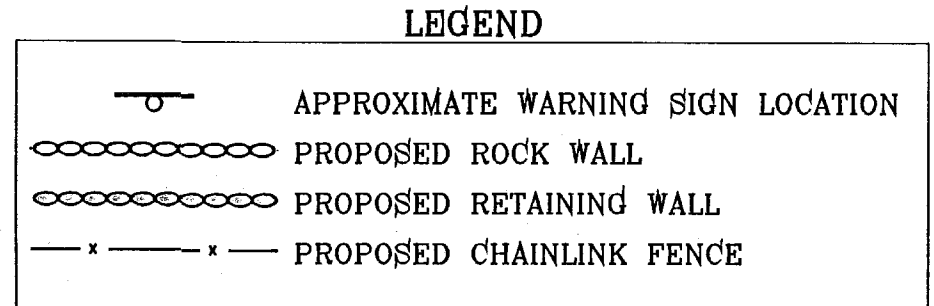
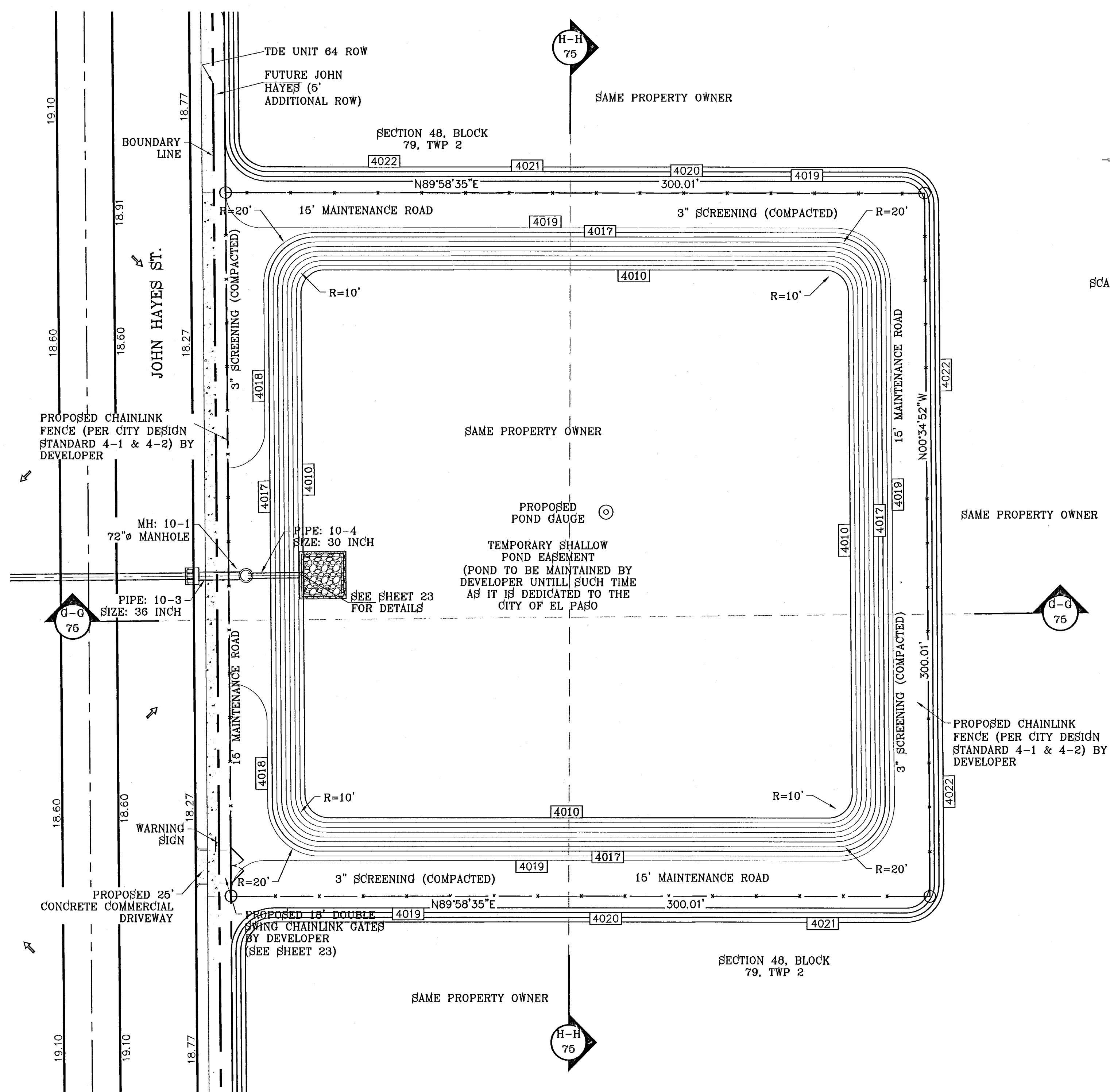
TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79, TOWNSHIP 2 NORTH, RANGE 10 WEST, COUNTY 2 SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 159.768 ACRES.

PROJECT NAME
 SCALE
 HORIZ: 1"=30'
 VERT: 1"=10'
 DATE: SEPT. 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
POND #2 SECTIONS

S:\EDGAR\TDE 64\REVISED\TDE_64-POND.dwg, 12/28/10 11:00:44 AM, FRONT.pcd
FILE LOCATION S:\EDGAR\TDE 64 REVISED\TDE_64-POND.dwg, December 02, 2010 11:00:46 AM BY EDGAR CUTIERREZ



WATERSHED - POND

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

POND CALC.

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

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

RESIDENTIAL = $\frac{2.07(4).60}{12} = 0.41$ ac-ft
& POND

STREET = $\frac{5.75(4).90}{12} = 1.73$ ac-ft

FUT. COMM. = $\frac{6.52(4).85}{12} = 1.85$ ac-ft

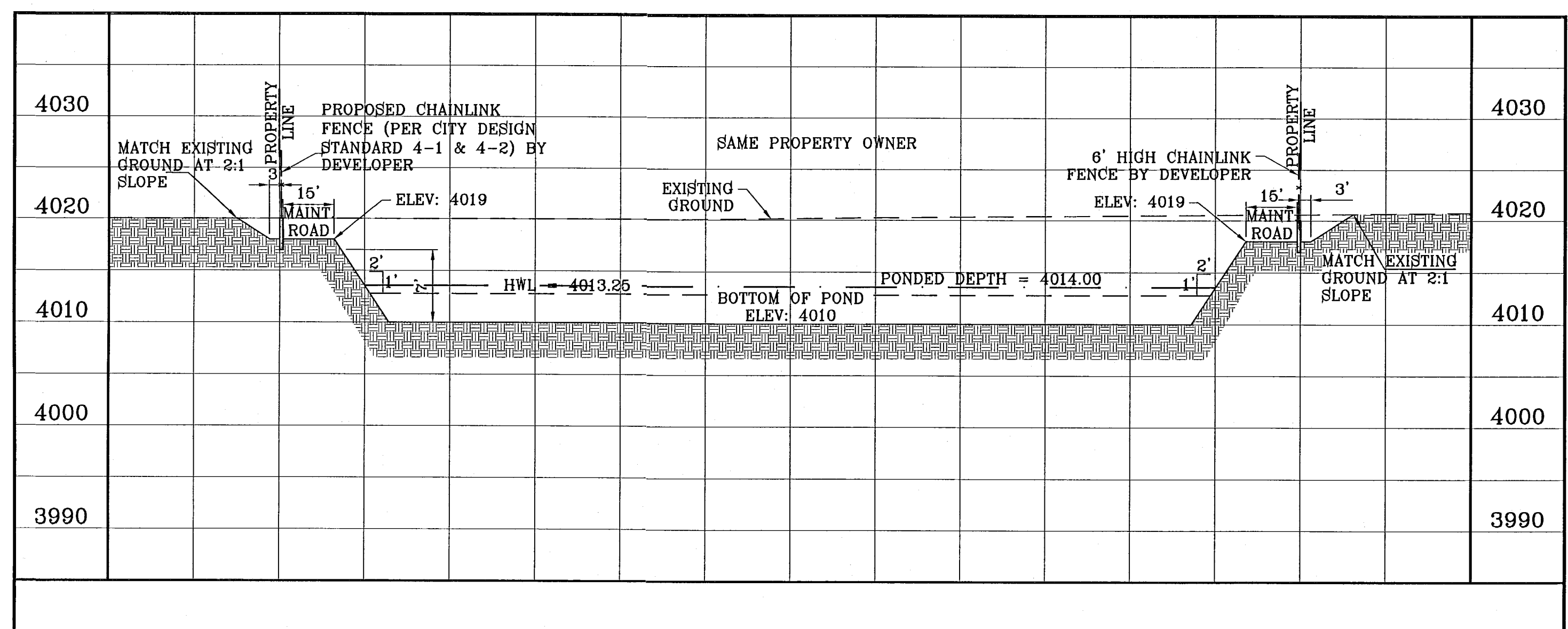
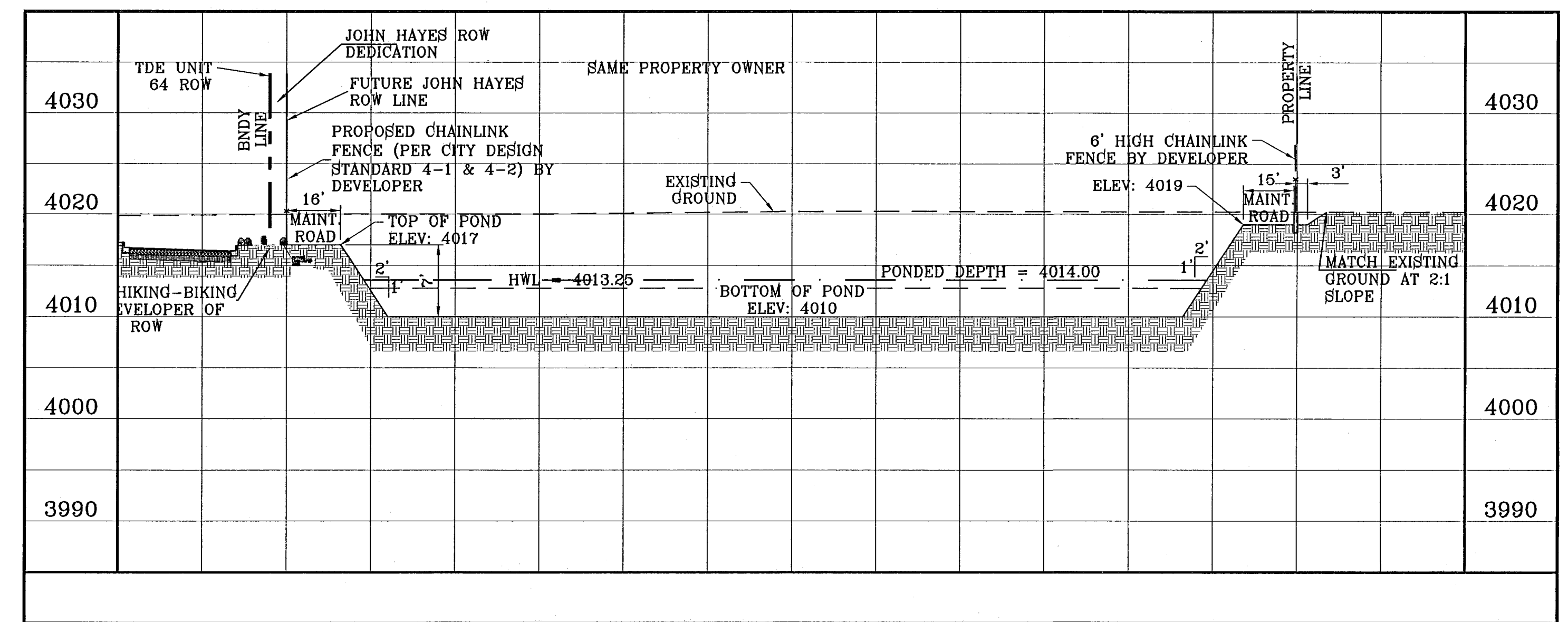
TOTOAL = 3.99 ac-ft

25% EMERG. = 1.00 ac-ft
SILT & DEBIRS = 0.17 ac-ft

Qreq (TOTAL) = 6.16
Qcap (TOTAL) = 8.35

100 YR HW ELEV = 4013.25
100 YR PONDED DEPTH = 4014.00

ELEVATION FT	CONIC VOL. AC-FT	VOLUME CAP. AC-FT
4017.00	1.55	9.90
4016.00	1.50	8.35
4015.00	1.46	6.85
4014.00	1.41	5.39
4013.00	1.37	3.98
4012.00	1.32	2.61
4011.00	1.28	1.28
4010.00	0.00	0.00



BENCHMARK

NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED "X 1118" PID "CE0141" ELEVATION: 3987.12

DATE

REVISIONS

BY

PROJECT NAME

TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47 AND 48 BLOCK 79 TOWNSHIP 2 NORTH RANGE 10 EAST COUNTY EL PASO, TEXAS. CITY OF EL PASO, EL PASO COUNTY, TEXAS. CONTAINING 139.768 ACRES.

ENGINEER'S SEAL

SCALE

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

DATE: SEPT 2010

DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.

JOB NO.: 610-41

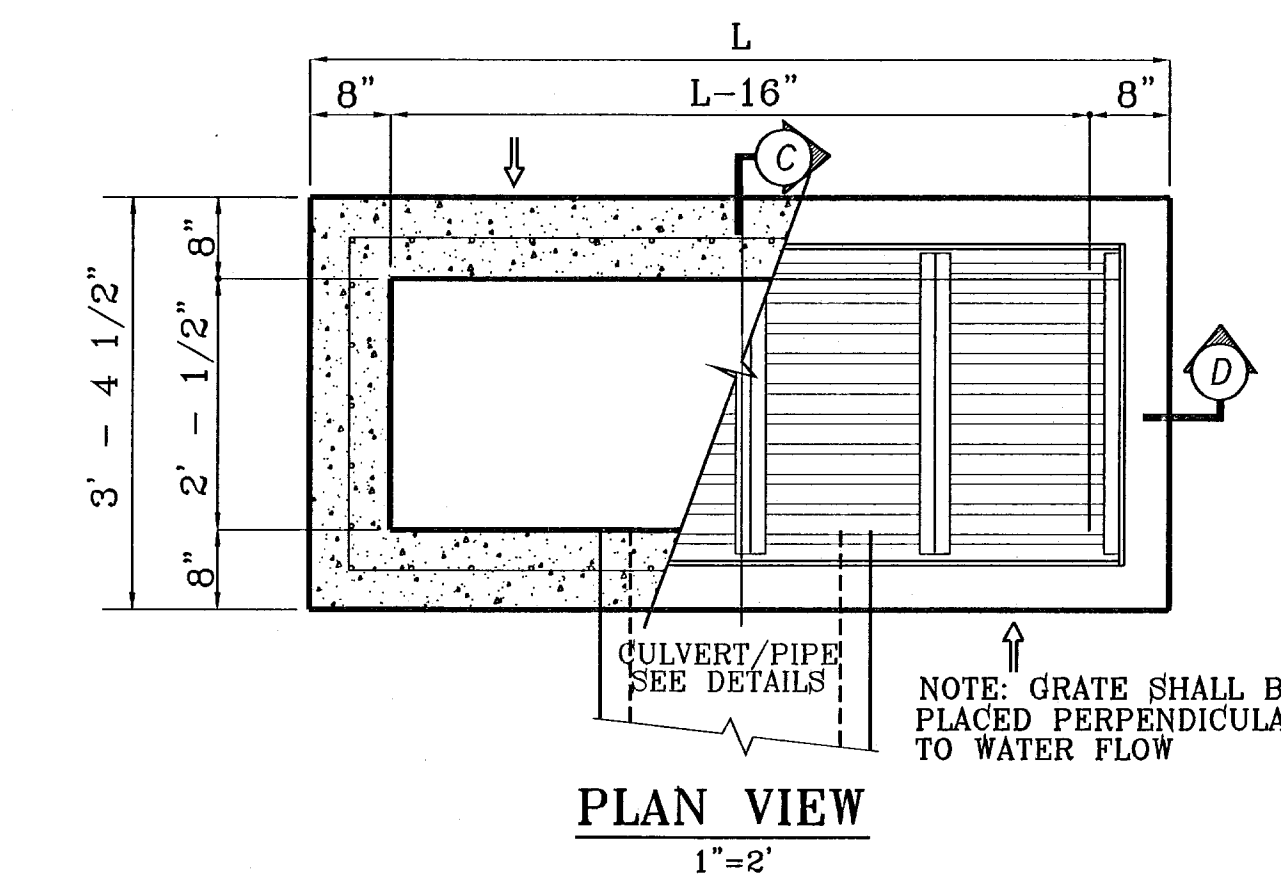
CONDE INC.

ENGINEERING / PLANNING
SURVEYING / GPS

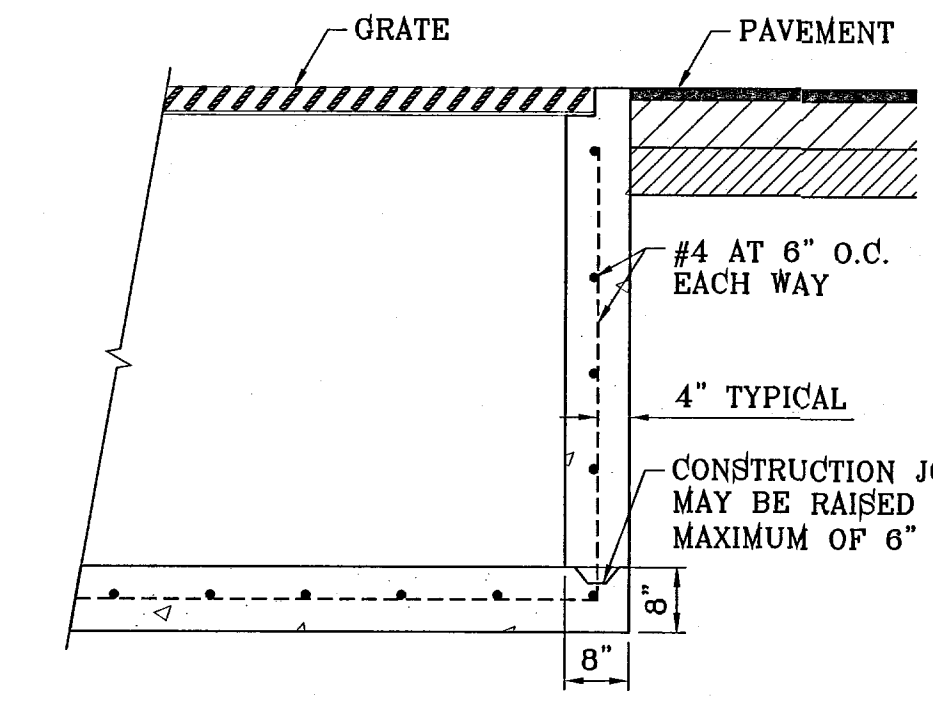
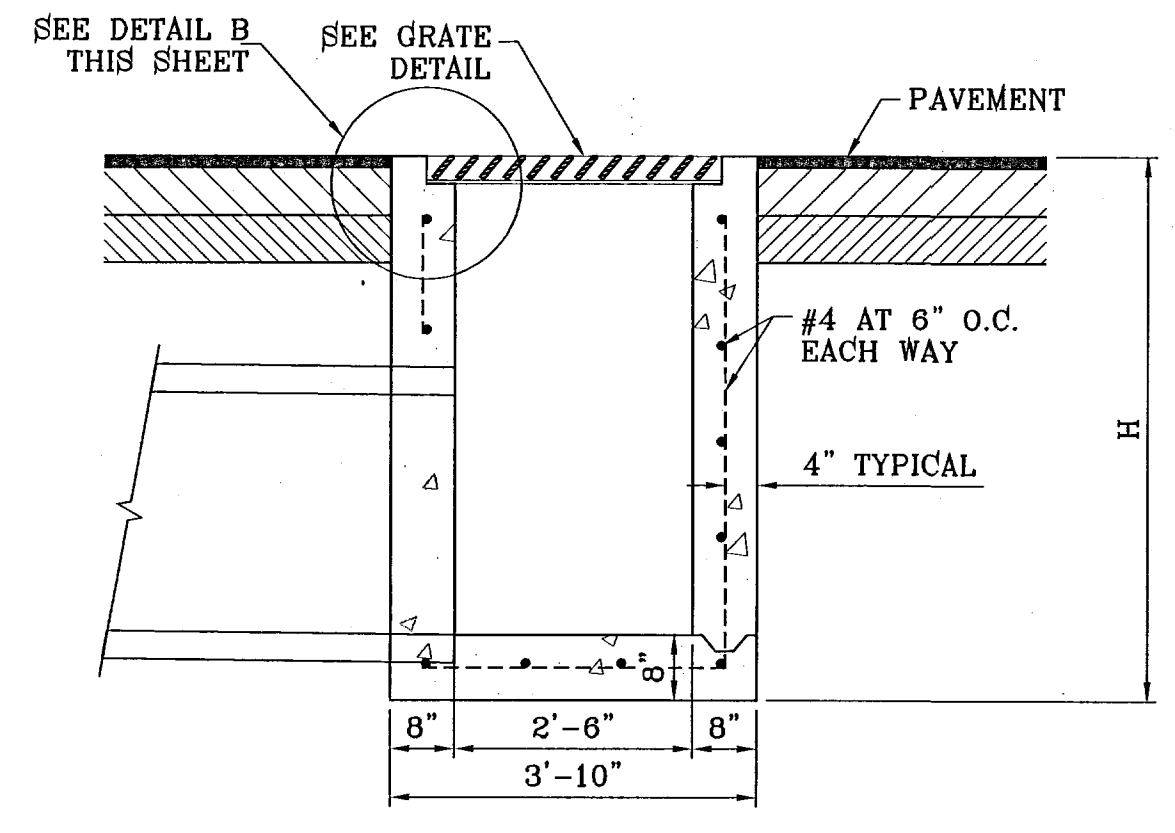
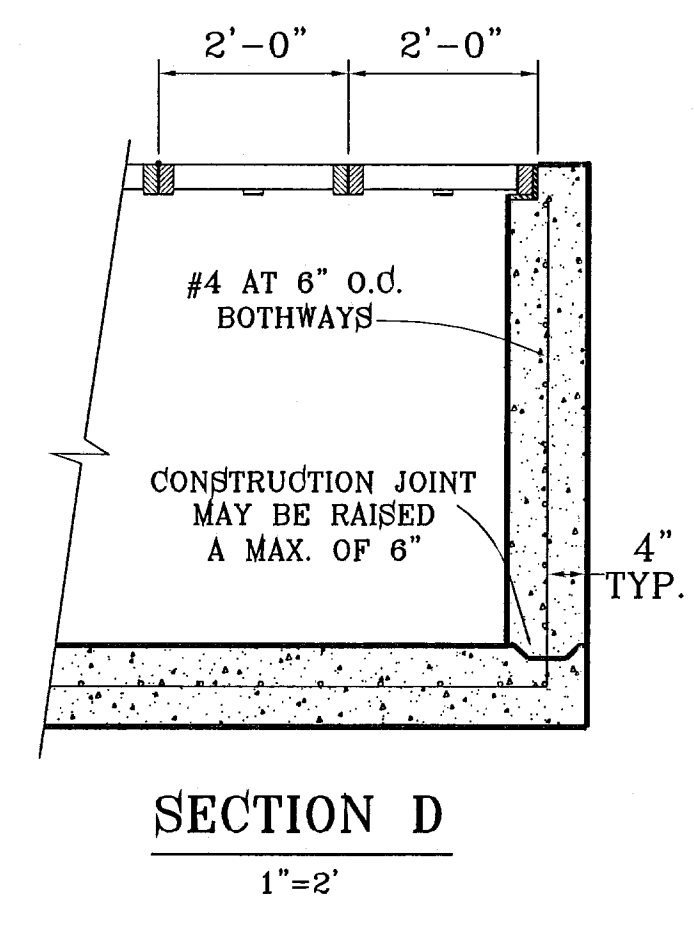
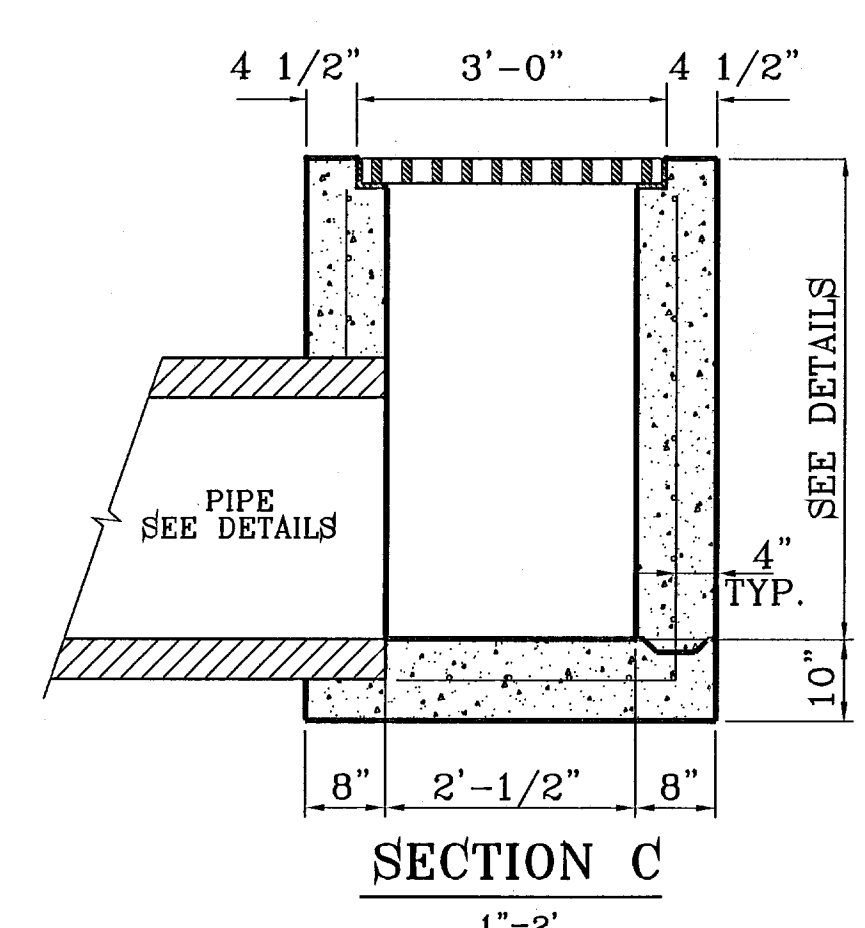
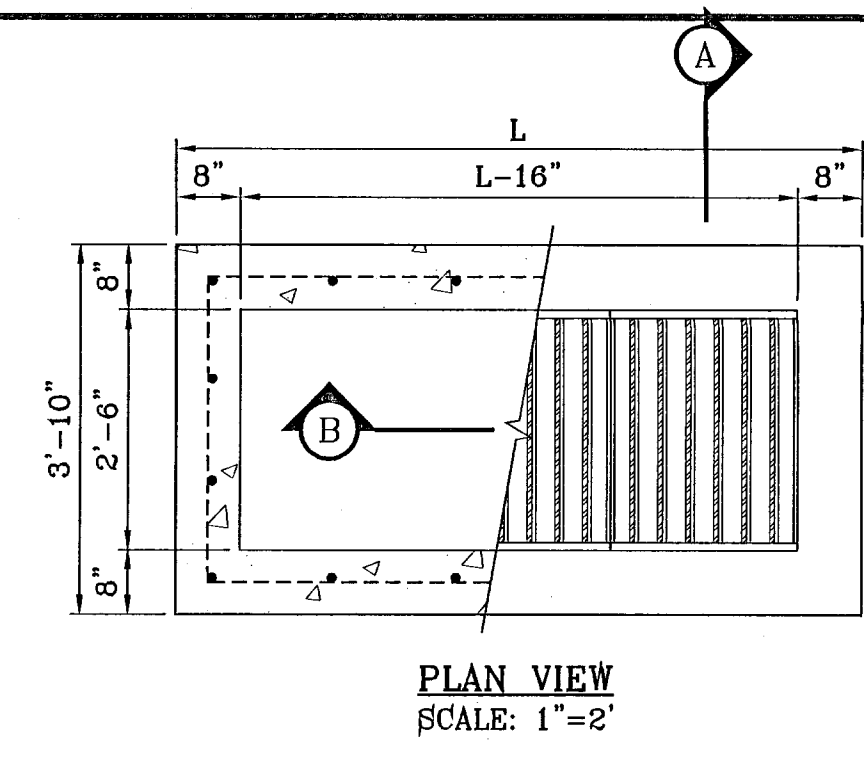
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936

CONDE INC.
REGISTRATION No. F-3231

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 FILE LOCATION S:\EDGAR\REVISED\DWG\64-STR-DTIS.dwg, 12/28/10 11:01:21 AM, FRONT.PLOT



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"
16	32'-9"



TYPE II-MOD. INLET
INLET 1-1

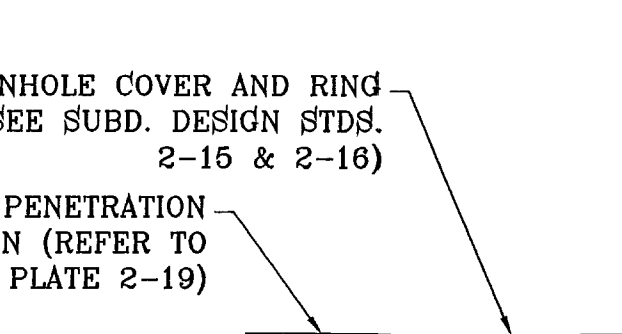
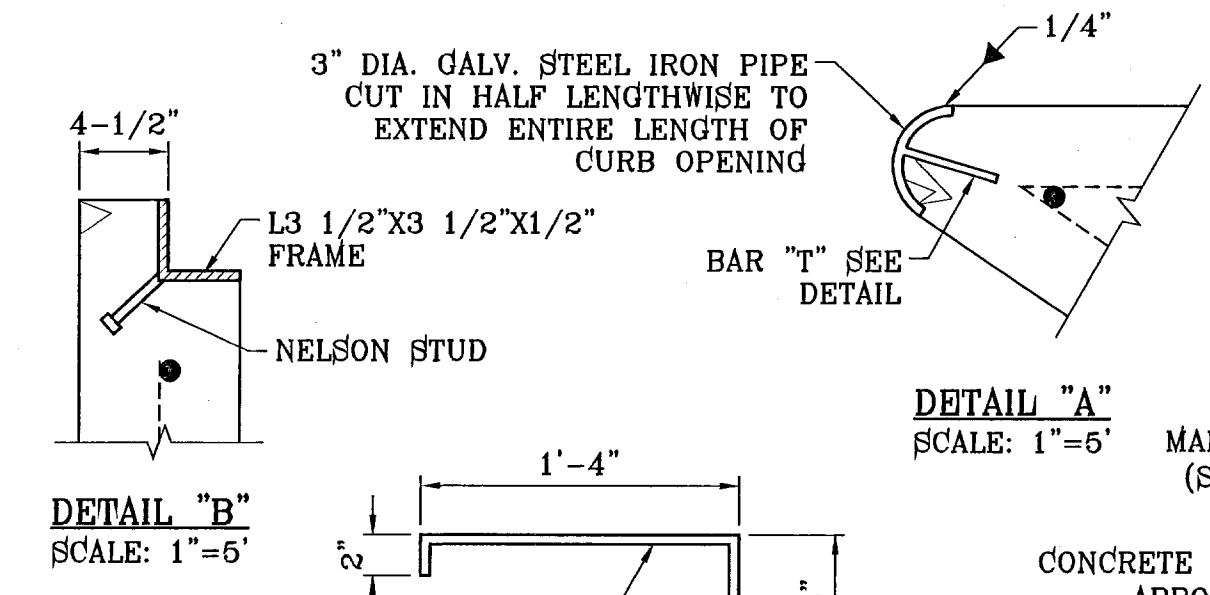
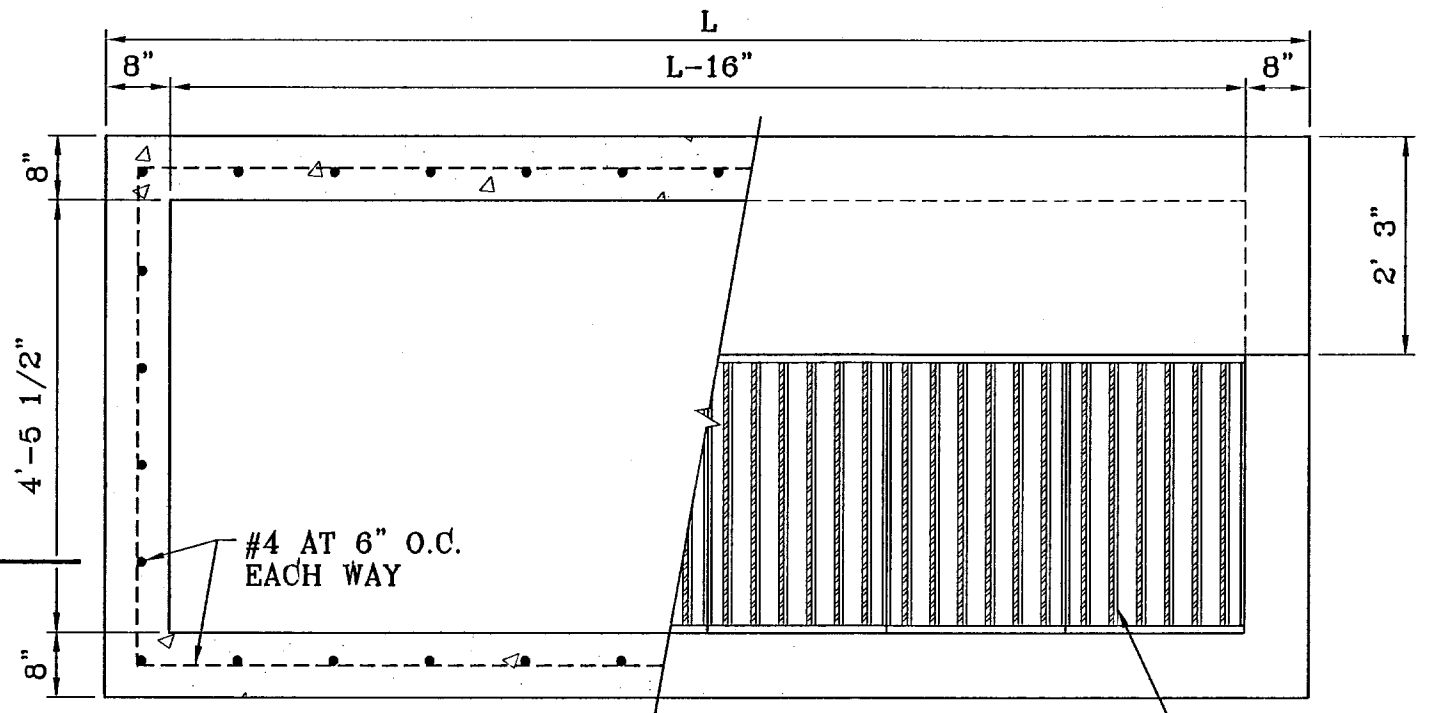
SECTION A-A
SCALE: 1"=2'

TYPE III INLET

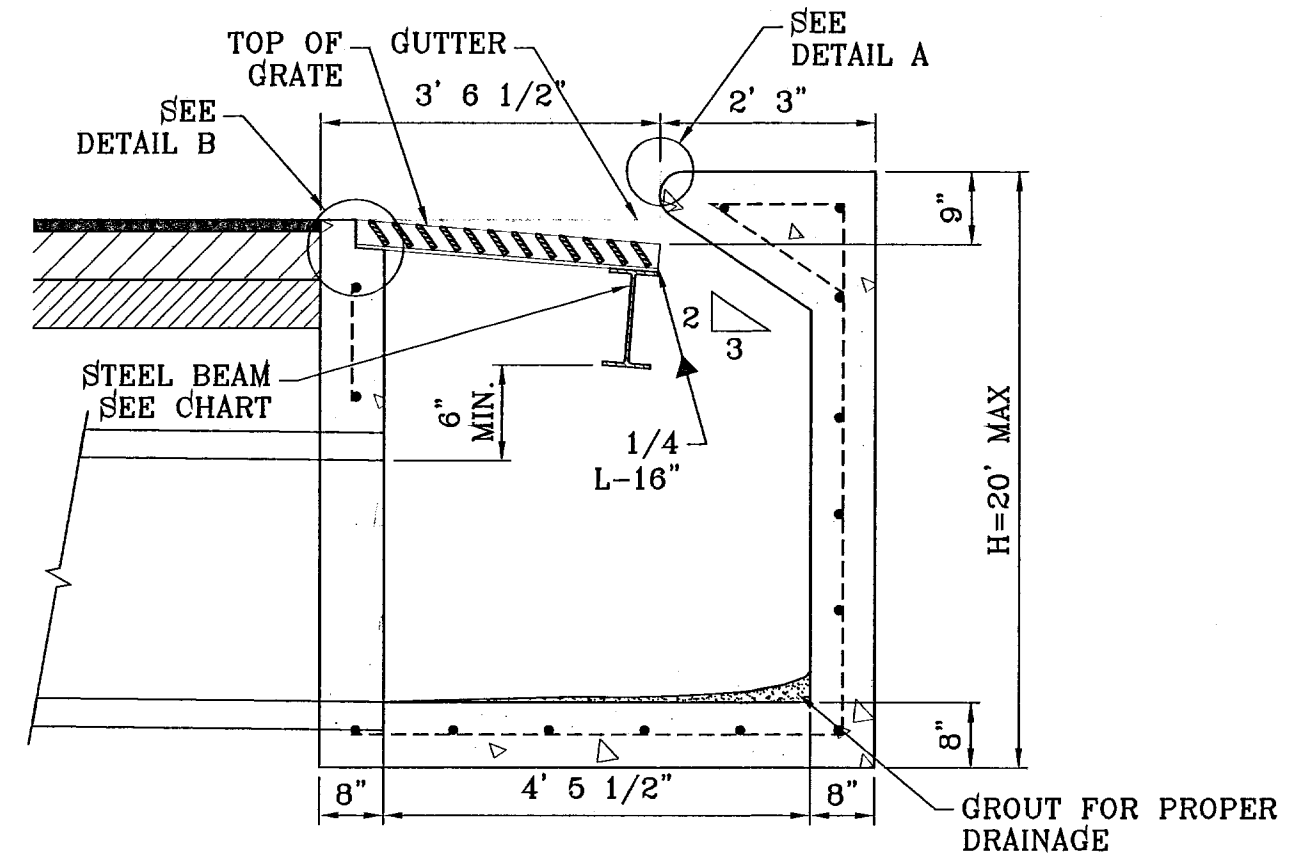
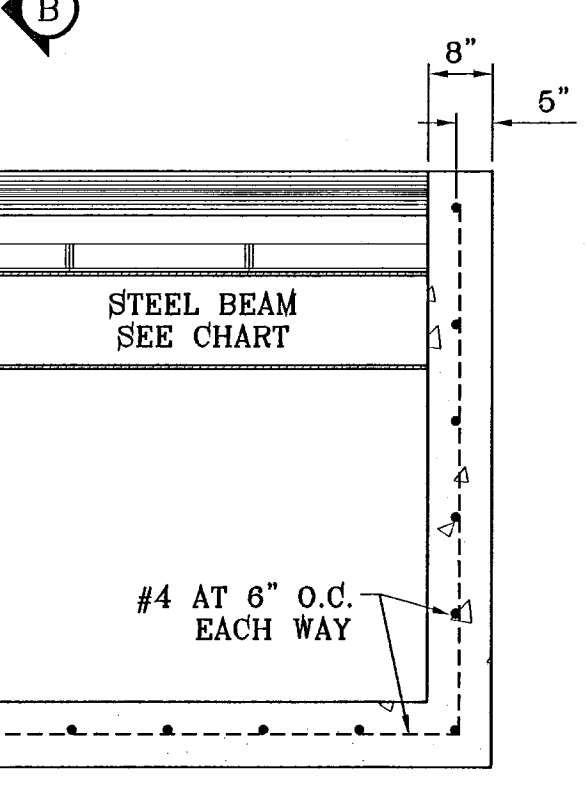
SECTION B-B
SCALE: 1"=2'

INLET TYPE I DIMENSIONS

No. OF GRATES	L	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



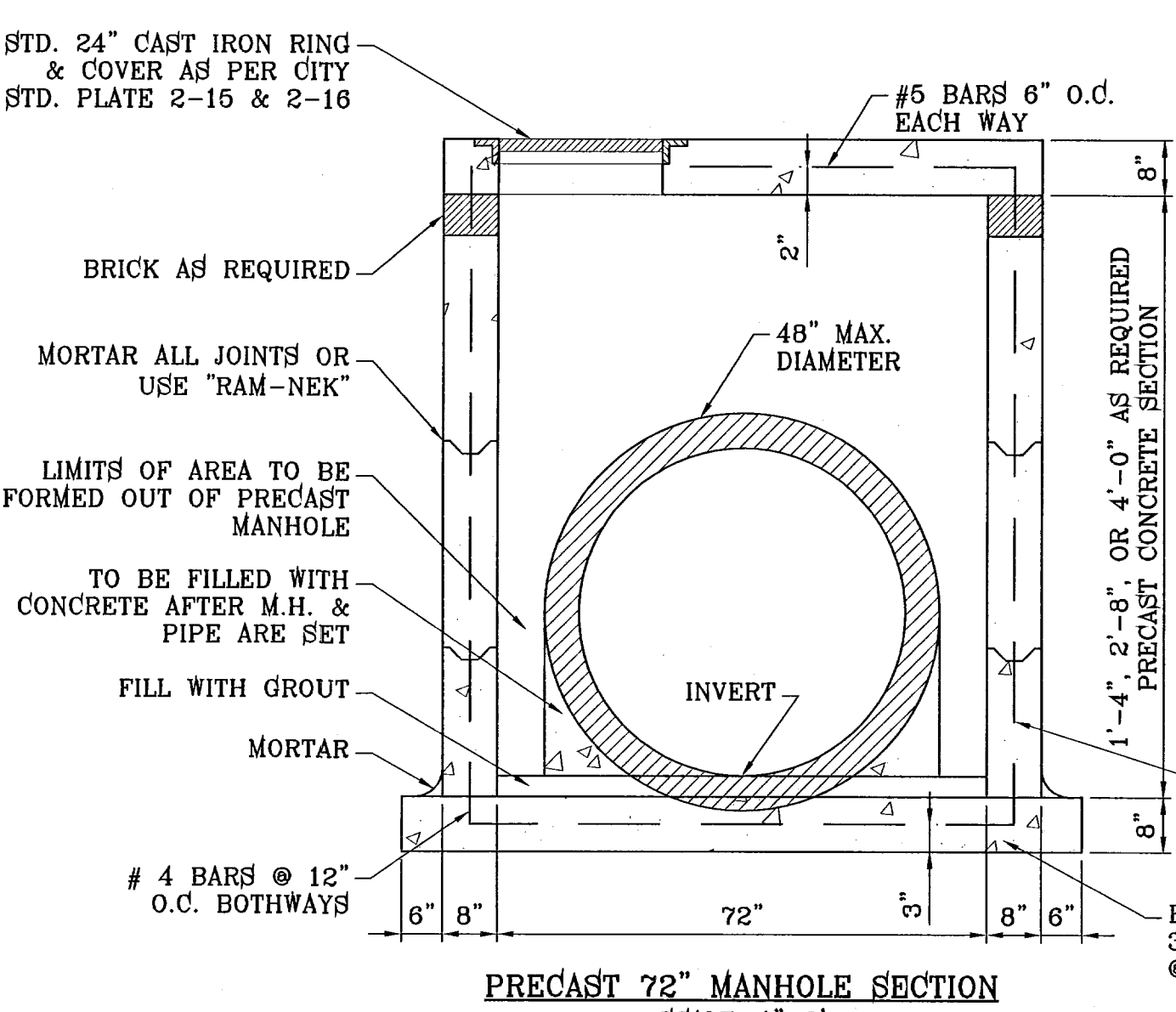
PLAN VIEW
SCALE: 1"=2'



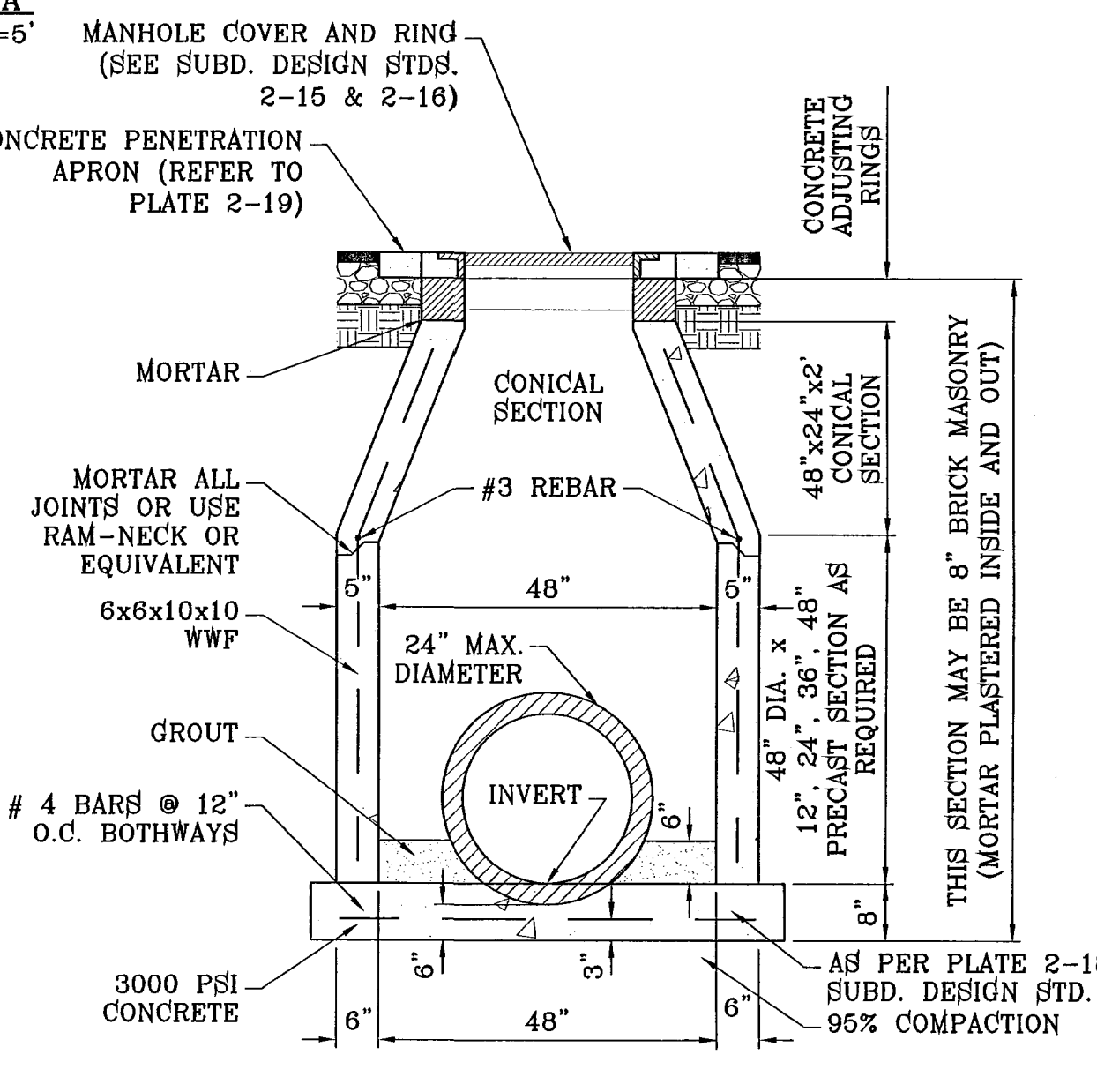
SECTION A-A
SCALE: 1"=2'

TYPE I INLET

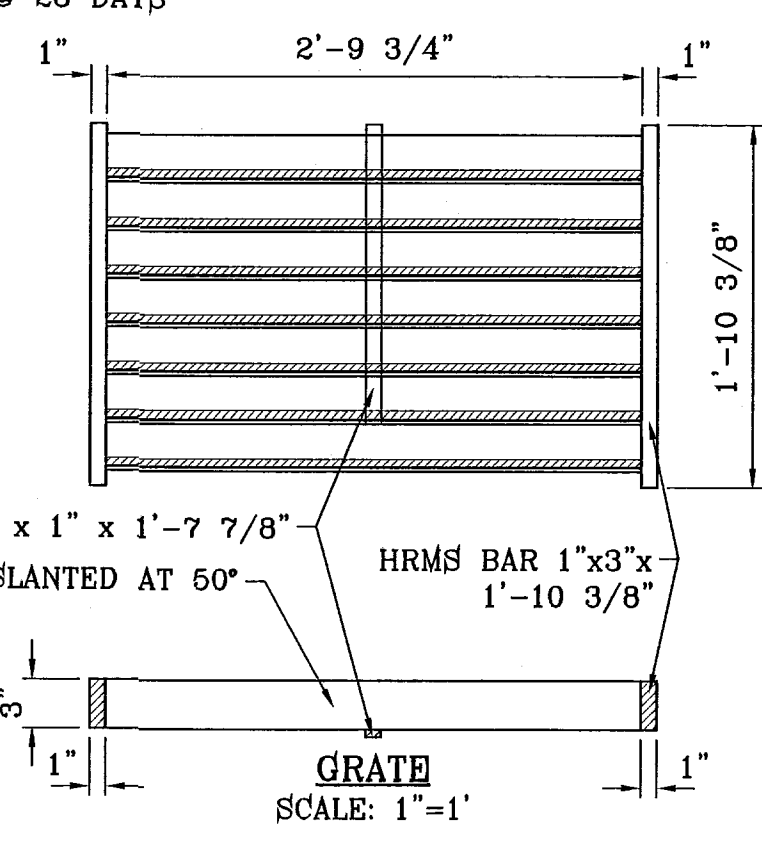
SECTION B-B
SCALE: 1"=2'



PRECAST 72" MANHOLE SECTION
SCALE: 1"=2'



PRECAST 48" MANHOLE SECTION
SCALE: 1"=2'



GRATE SECTION
SCALE: 1"=1'

HRMS BAR
SCALE: 1"=3"

FRAME AND GRATE DETAIL

GENERAL NOTES:

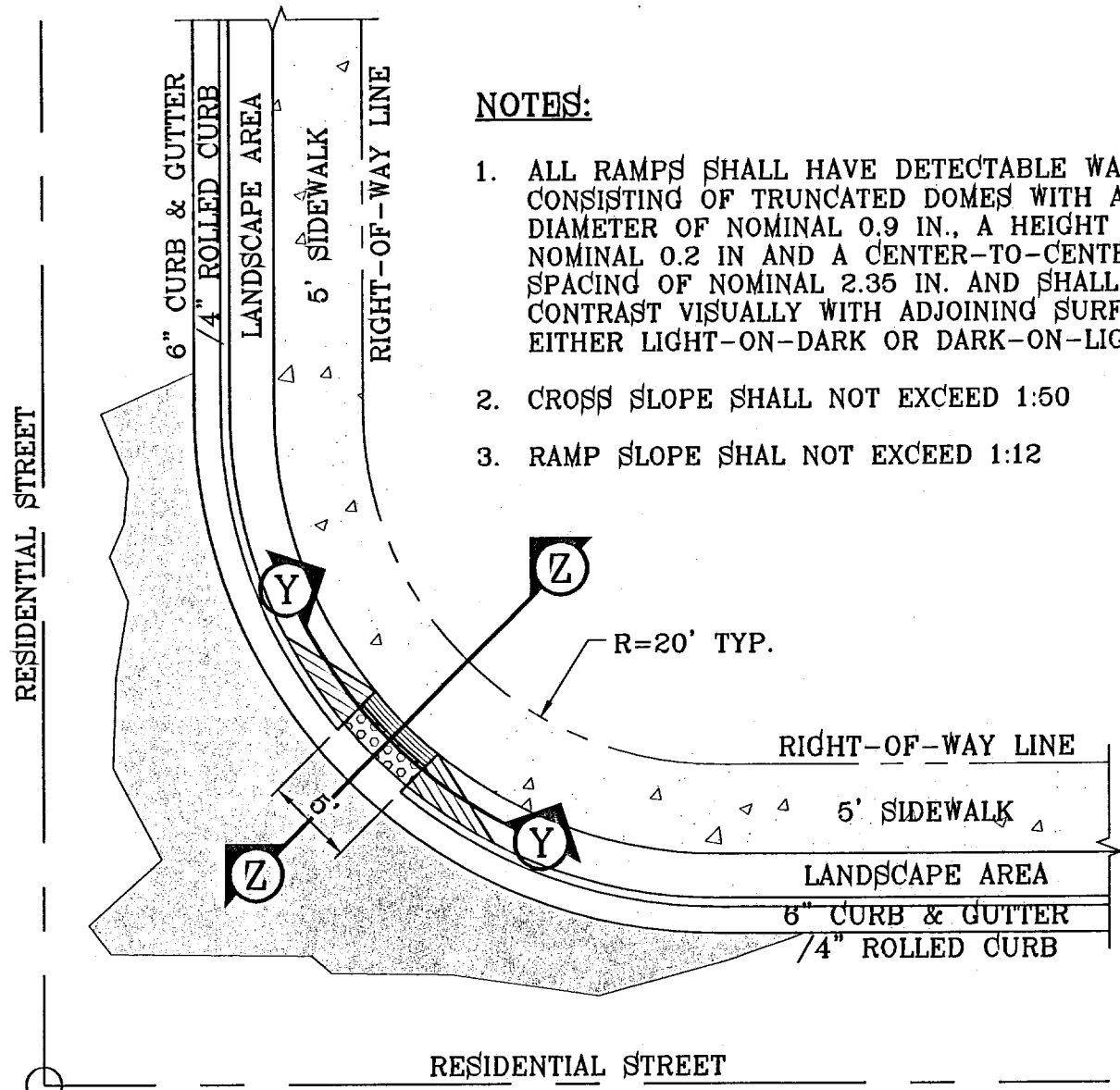
- CONCRETE TO BE 3000 P.S.I. MINIMUM CORE TEST AT 28 DAYS.
- WELDED STEEL OR CAST GRATES AS DETAILED ARE ALL ACCEPTABLE GRATES. MIXING OF ALTERNATE TYPES OF GRATES ON THE SAME PROJECT WILL BE PERMITTED WITH THE APPROVAL OF THE CITY ENGINEER.
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH 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-161 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.
- FERROUS 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 1/2 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 NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED "X 1118" PID "CE0141" ELEVATION: 3987.12	
DATE 02/16/09	REVISIONS CITY REDLINES AS PER 02/10/09 COMMENTS O.M.
PROJECT NAME TERRA DEL ESTE UNIT SIXTY FOUR	
SCALE HORIZ. AS NOTED VERT. ---	
ENGINEER'S SEAL ENGINEER'S SEAL NOT REQUIRED. THIS SHEET IS PRODUCED FROM CITY FILES AND DOES NOT REFLECT DESIGN STANDARDS	
CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS 1790 LEE TREVINO STE 400 EL PASO, TEXAS 79956	
SHEET TITLE STRUCTURE DETAILS	
SHT 76 OF 82	

103176

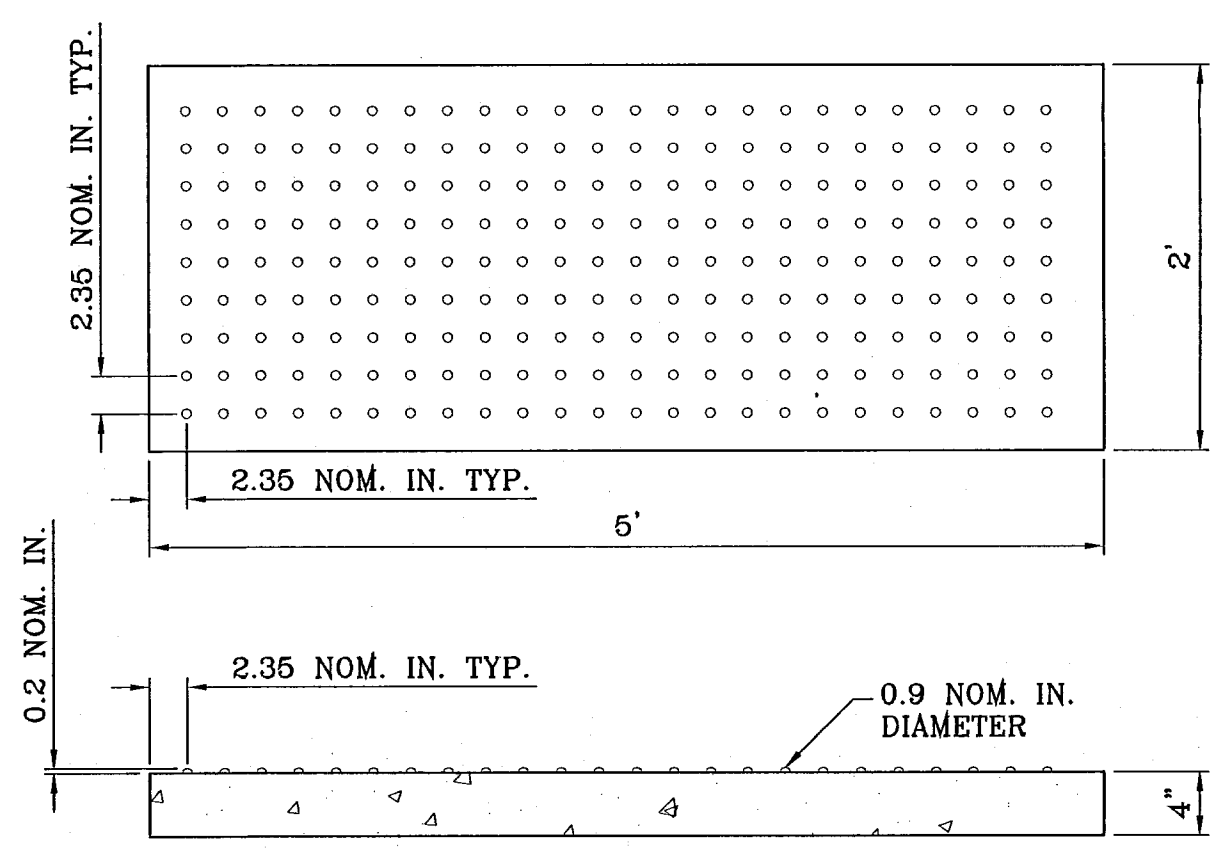
TERRA DEL ESTE UNIT SIXTY FOUR

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 FILE LOCATION S:\EDGAR\DE 64 REVISED\DWG 64-STD_DTLS_64-STD_DTLS_PLOTTED ON Thursday, December 02, 2010 11:01:56 AM FRONT.DWG



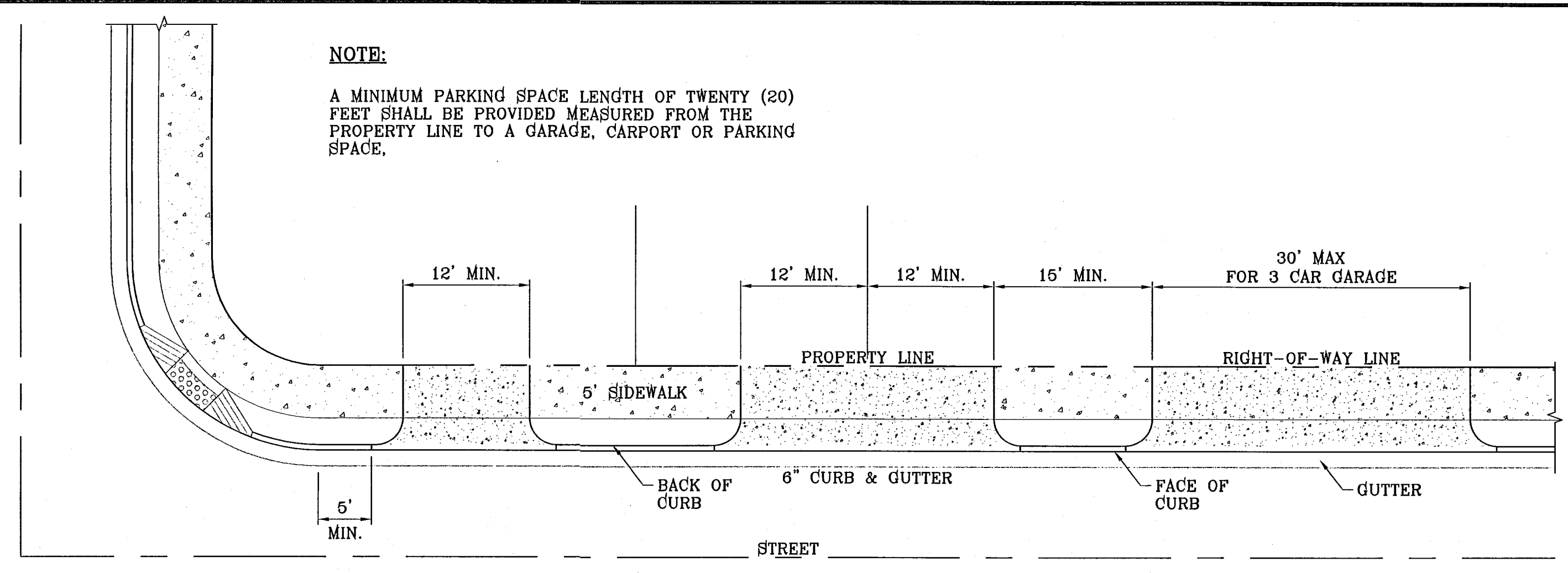
- NOTES:**
1. ALL RAMPS SHALL HAVE DETECTABLE WARNINGS CONSISTING OF TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN., A HEIGHT OF NOMINAL 0.2 IN AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 IN. AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.
 2. CROSS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

RAMP ON SIDEWALK AT CURB & GUTTER/ROLLED CURB
SCALE: 1"=10'

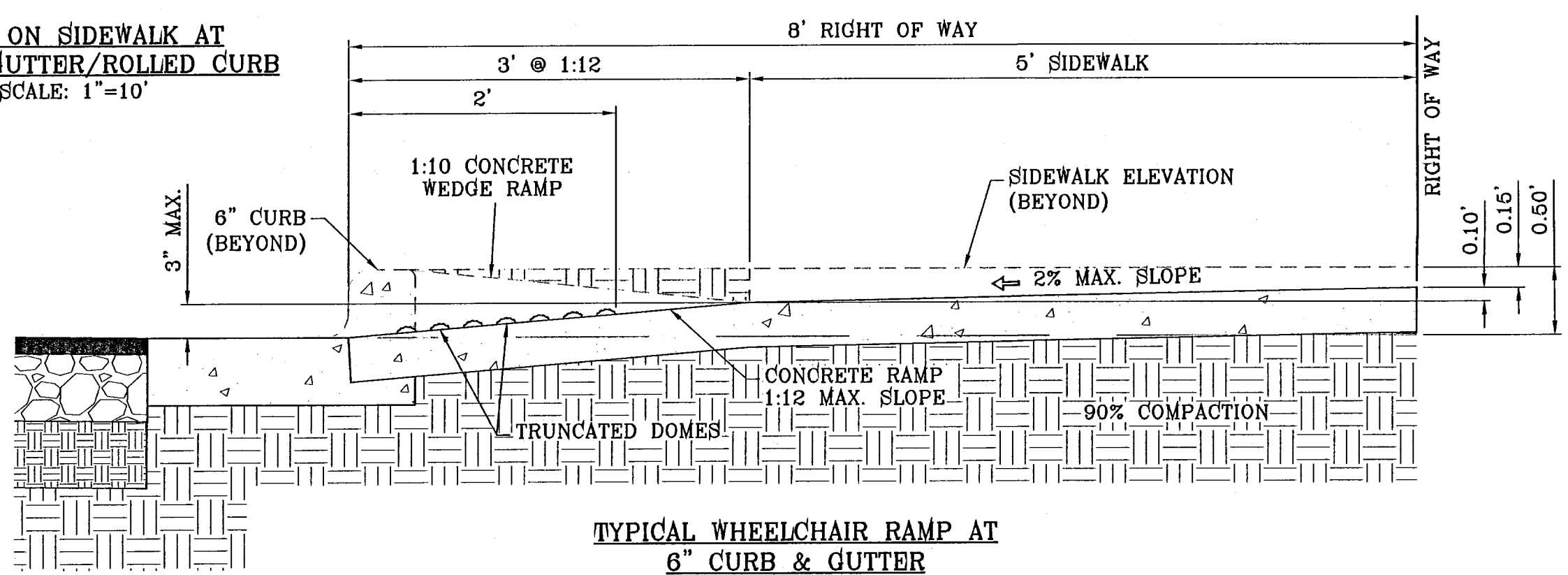


TRUNCATED DOMES
SCALE: 1"=1'

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.

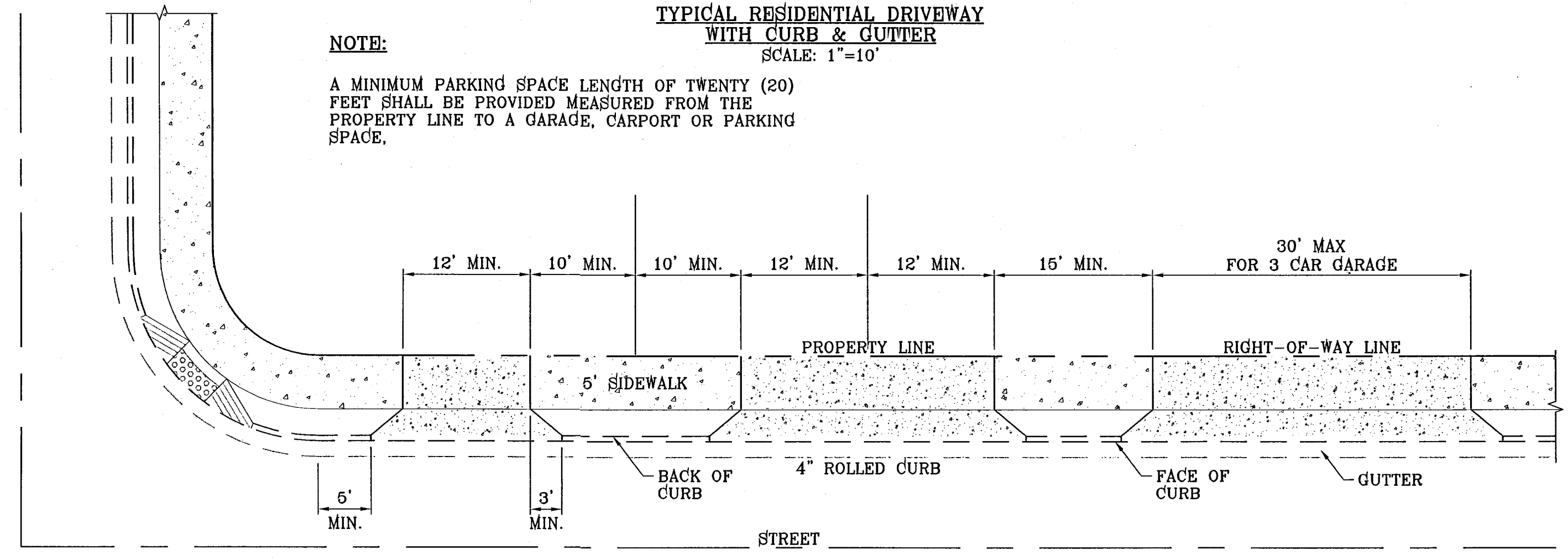


TYPICAL RESIDENTIAL DRIVEWAY WITH CURB & GUTTER
SCALE: 1"=10'

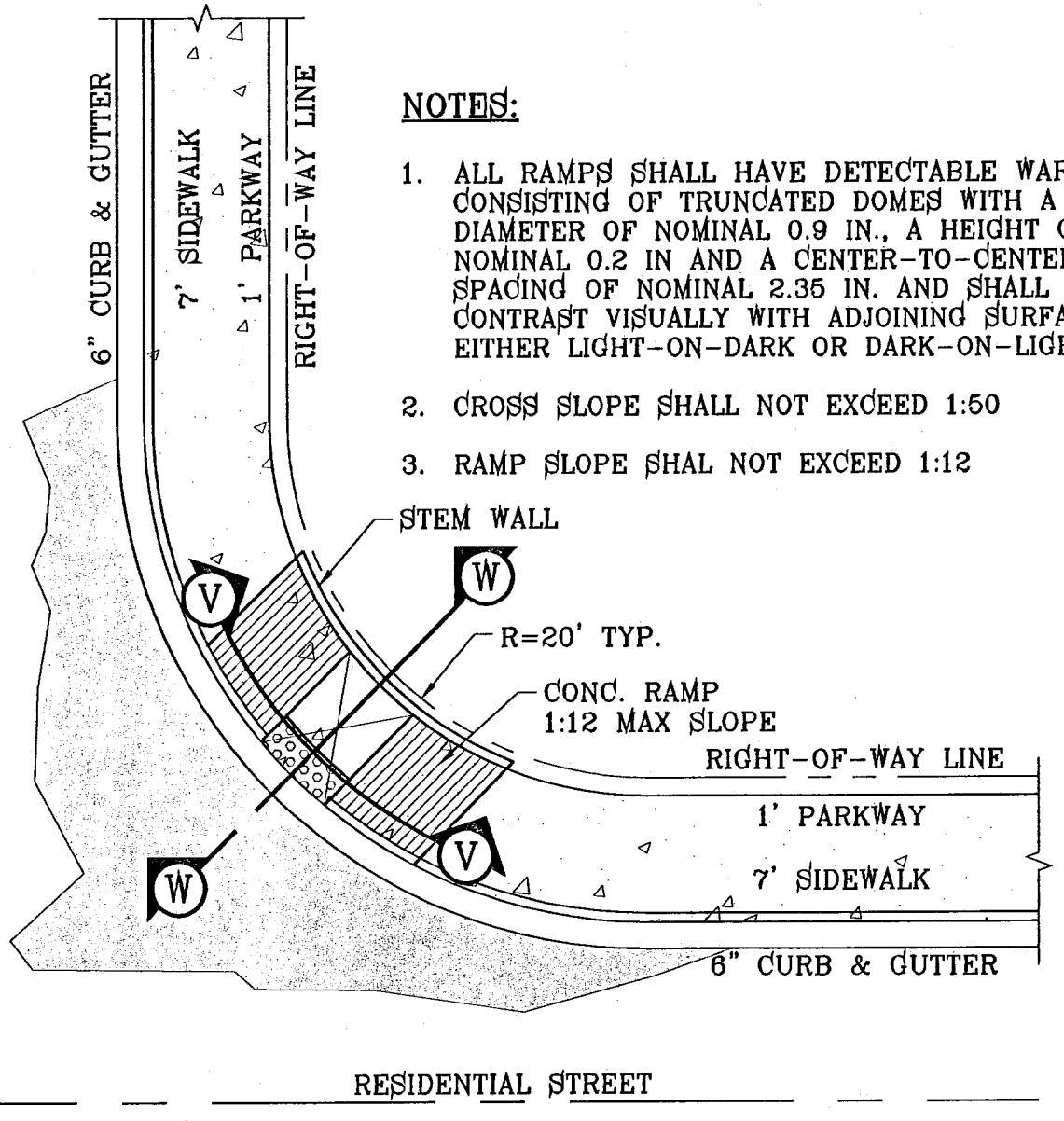


TYPICAL WHEELCHAIR RAMP AT 6" CURB & GUTTER
SECTION Z
SCALE: 1"=1'

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.

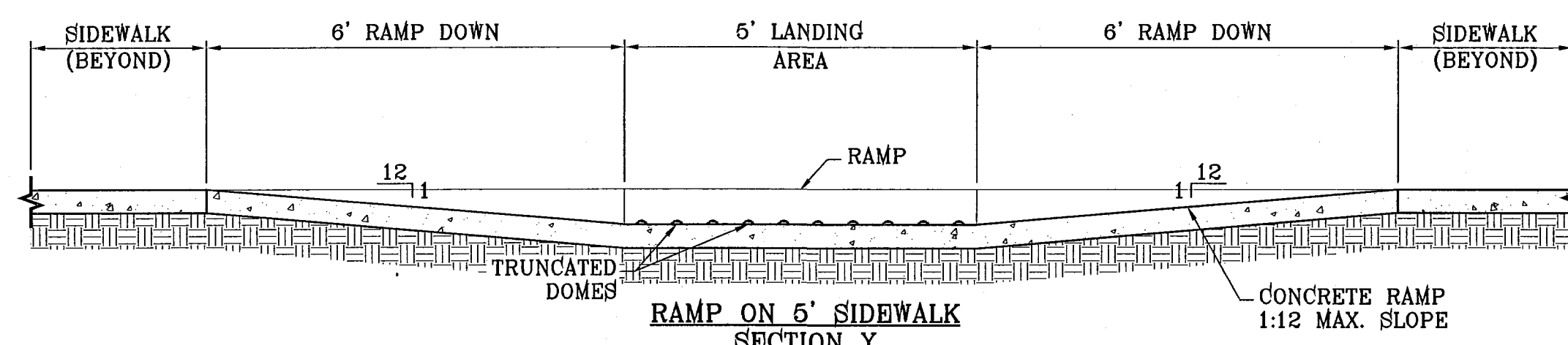


TYPICAL RESIDENTIAL DRIVEWAY WITH ROLLED CURB
SCALE: 1"=10'

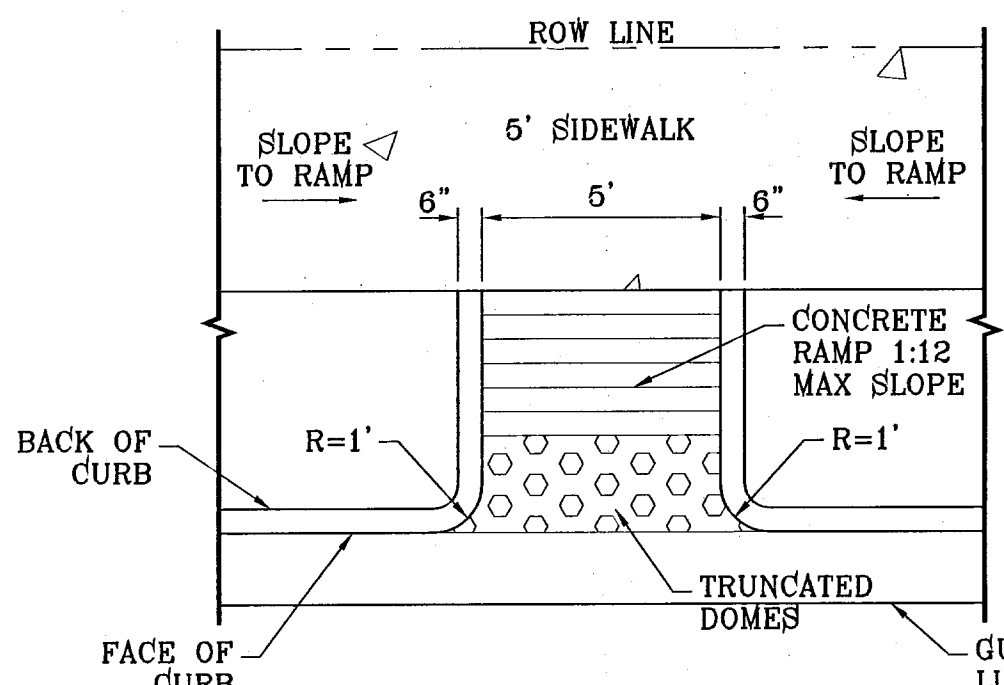


- NOTES:**
1. ALL RAMPS SHALL HAVE DETECTABLE WARNINGS CONSISTING OF TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN., A HEIGHT OF NOMINAL 0.2 IN AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 IN. AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.
 2. CROSS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

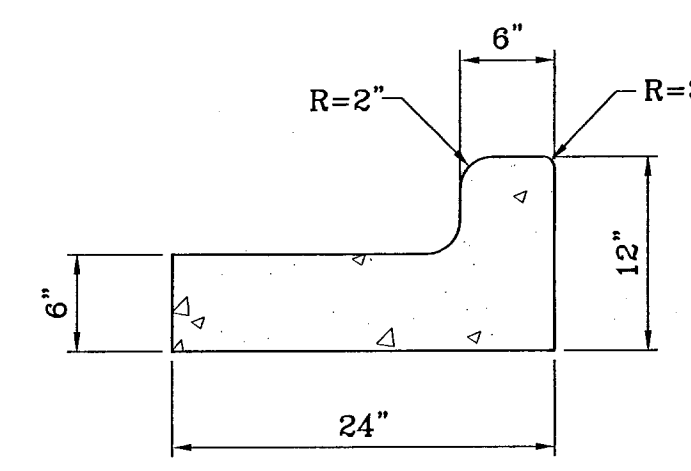
RAMP ON 7' SIDEWALK AT CURB & GUTTER (ADJACENT TO PARK ONLY)
SCALE: 1"=10'



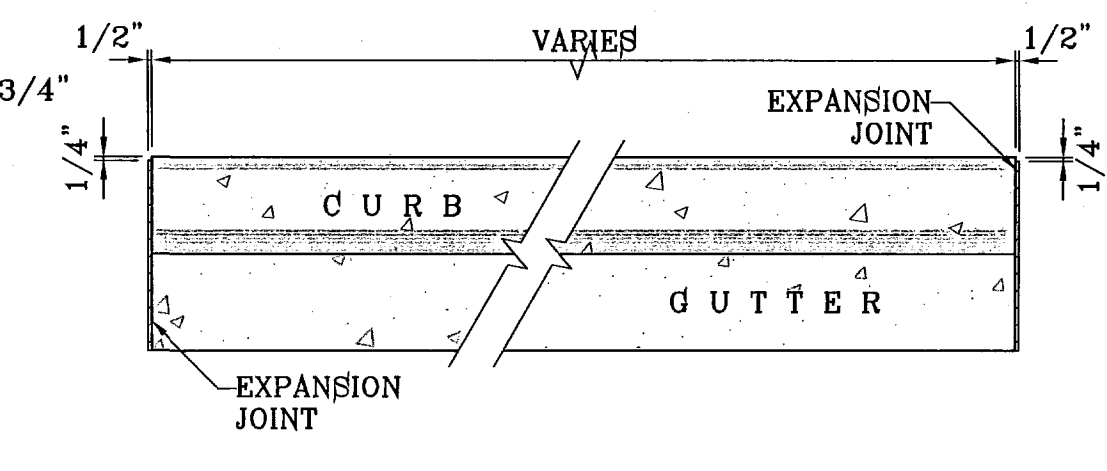
RAMP ON 5' SIDEWALK
SECTION Y
SCALE: 1"=2'



STRAIGHT RAMP
SCALE: 1"=4'



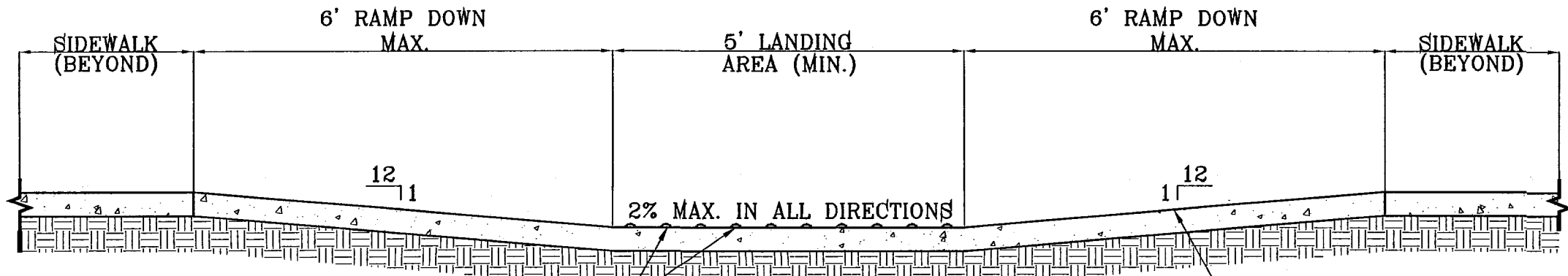
END SECTION



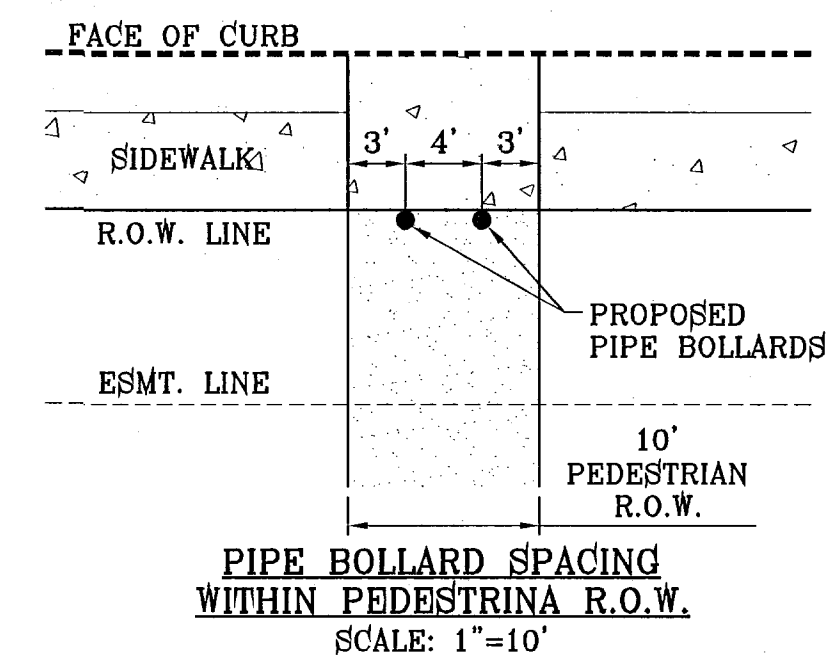
PLAN VIEW

- 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.

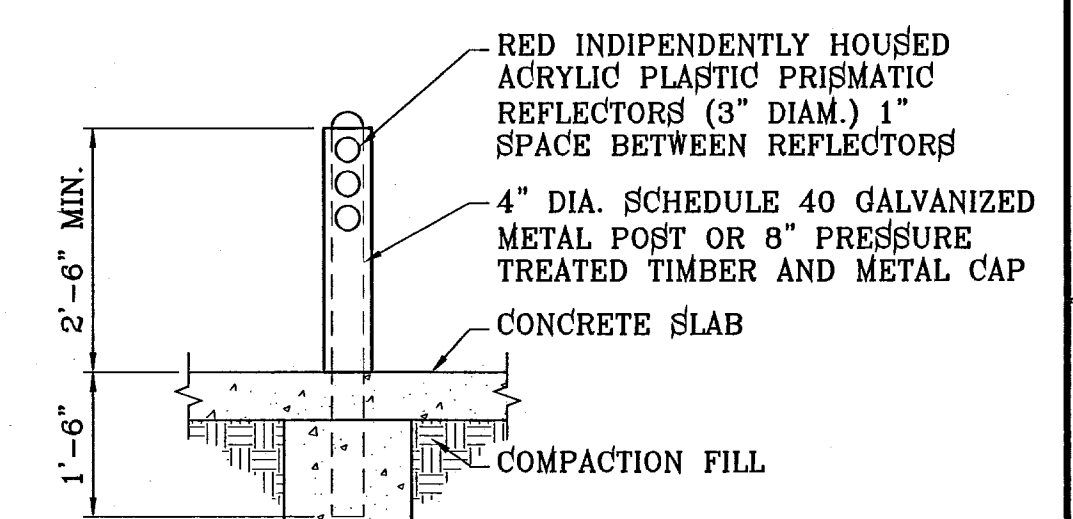
CURB & GUTTER DETAIL
SCALE: 1"=1'



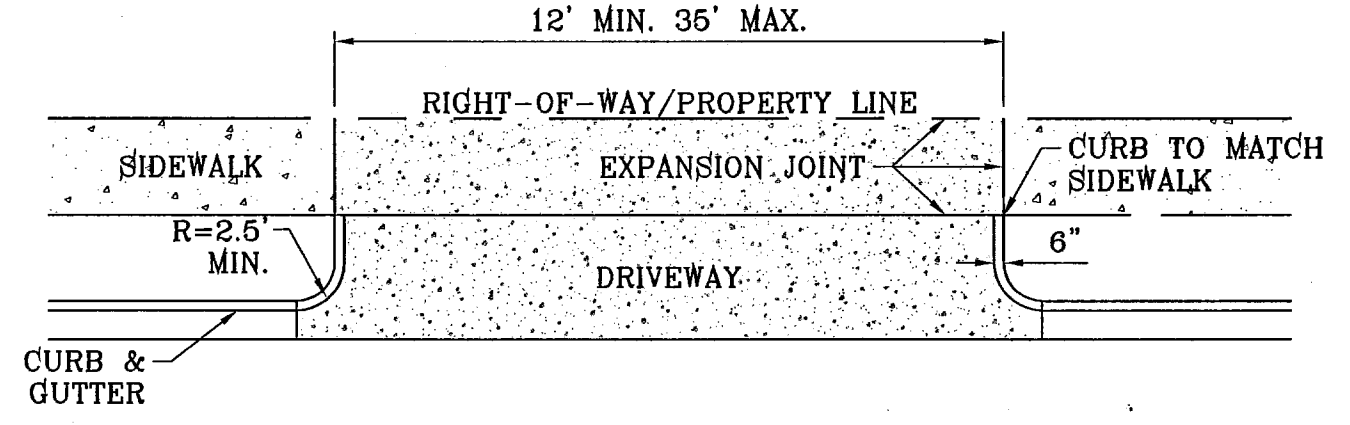
RAMP ON 7' SIDEWALK
SECTION V
SCALE: 1"=2'



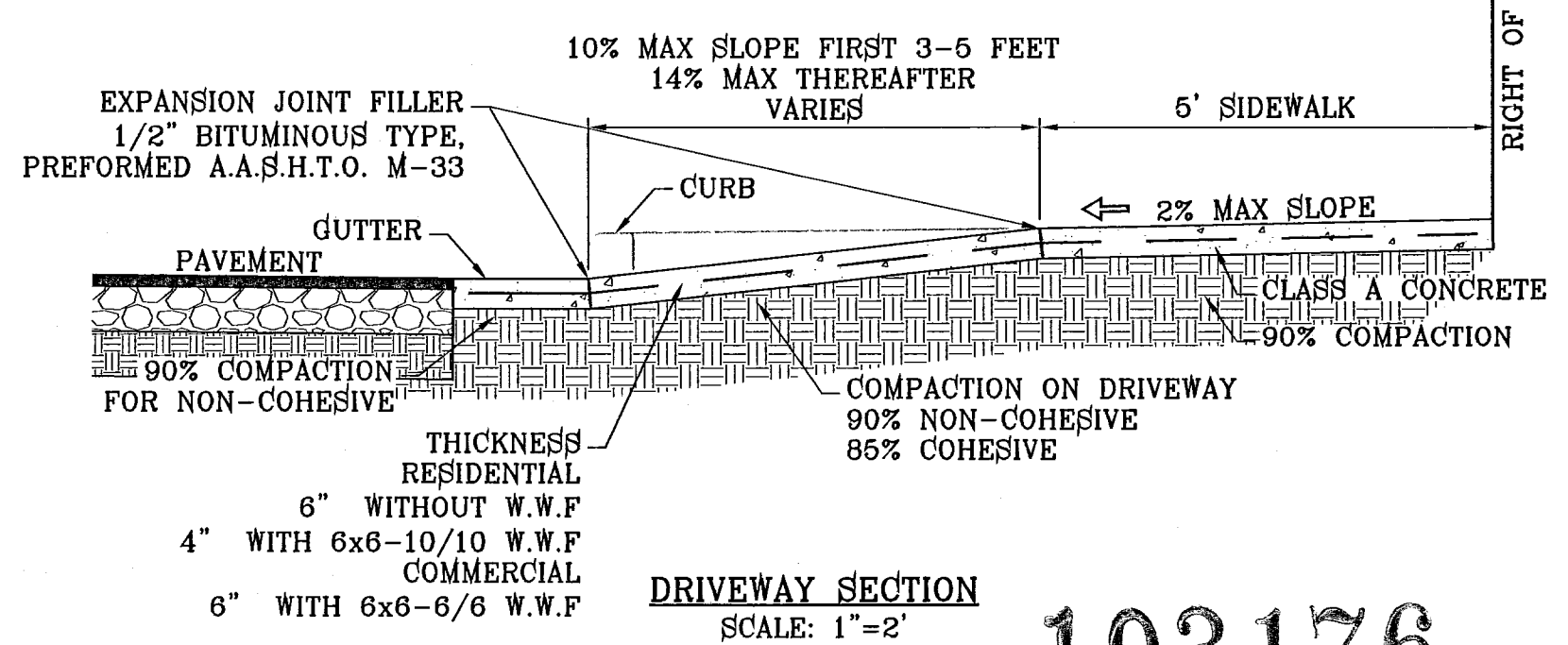
PIPE BOLLARD SPACING WITHIN PEDESTRIAN R.O.W.
SCALE: 1"=10'



BOLLARD DETAIL
SCALE: 1"=2'



DRIVEWAY DETAIL
SCALE: 1"=10'



DRIVEWAY SECTION
SCALE: 1"=2'

BENCHMARK	
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED X 1118" PID "C60141"
ELEVATION: 3987.12	
DATE	REVISIONS
12/1/10	CITY REDLINES AS PER 11/15/10 COMMENTS E.F.G.

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR

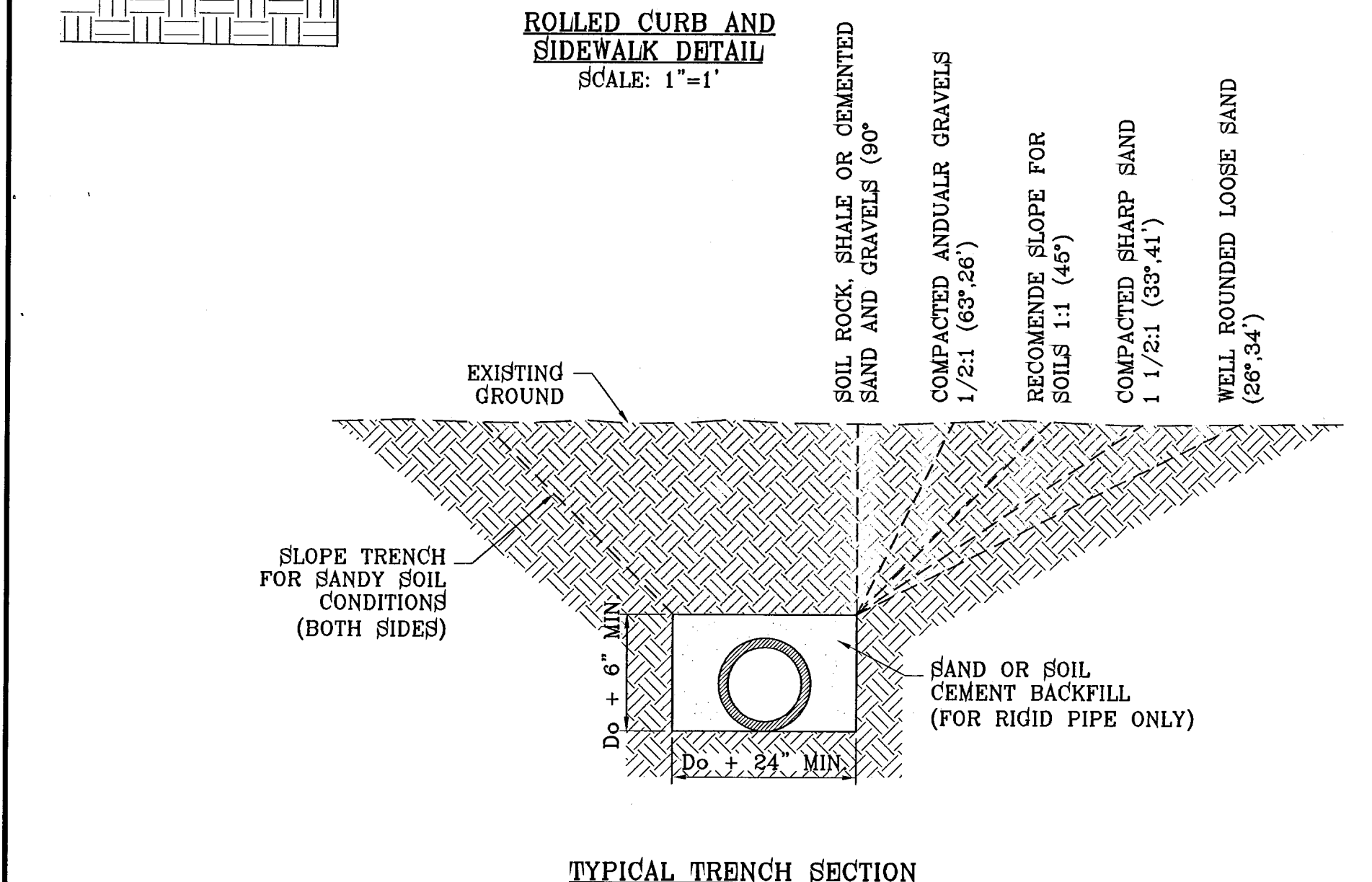
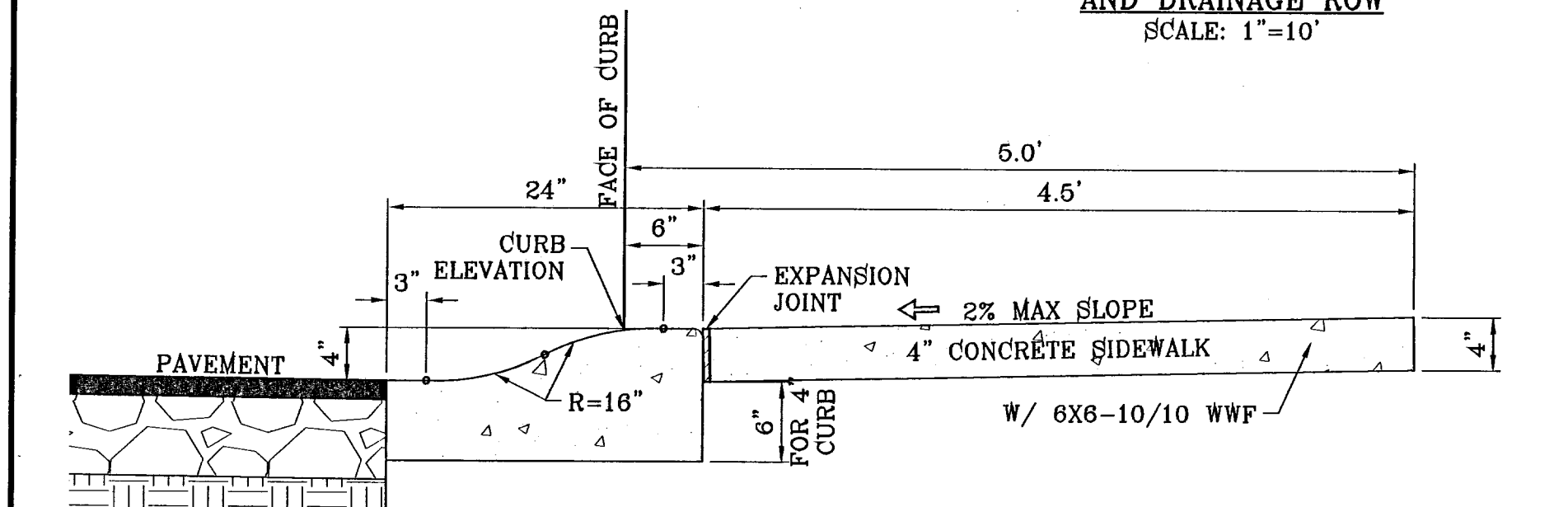
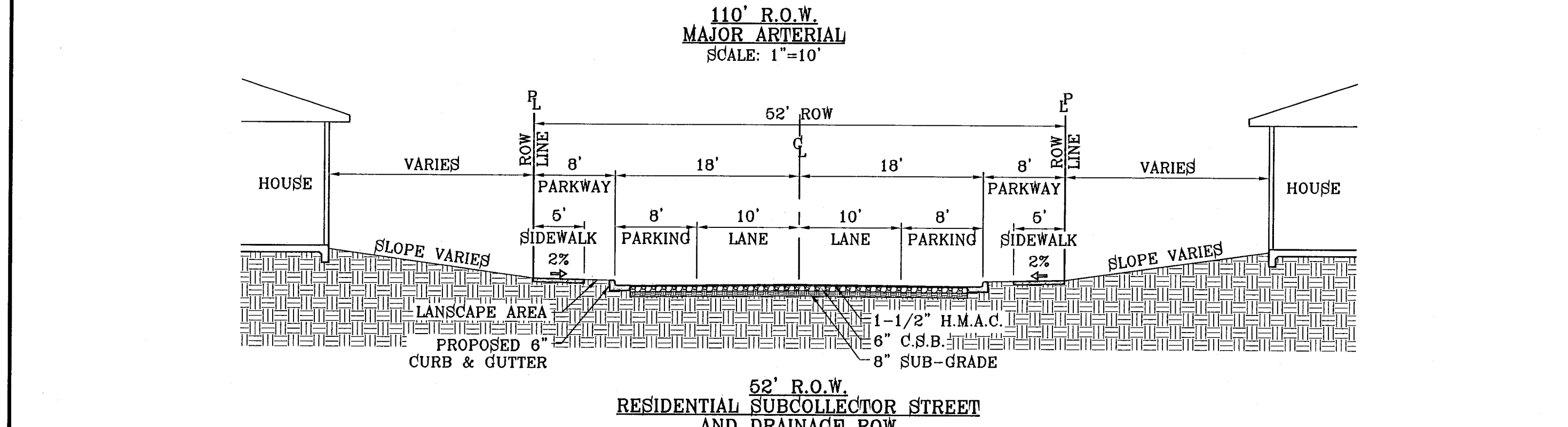
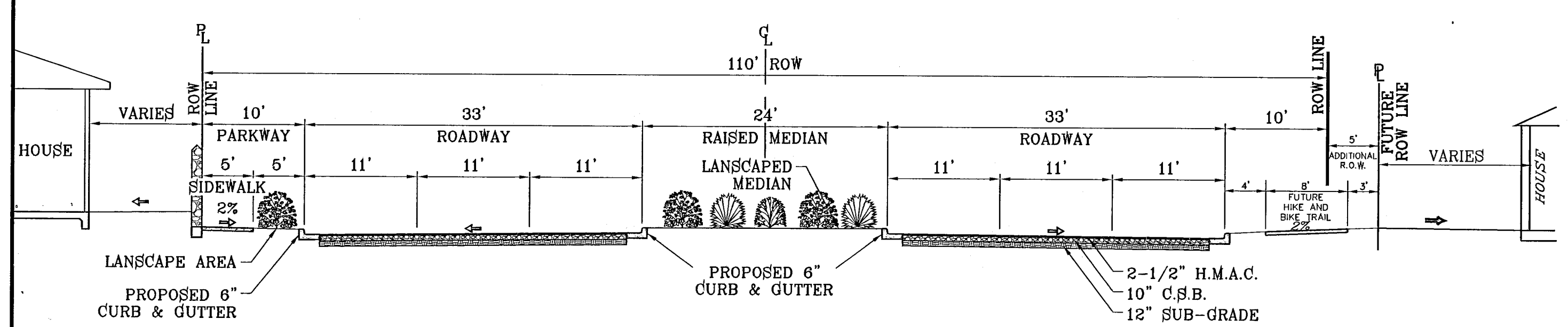
BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF HOUSTON, TEXAS, CONTAINING 139.766 ACRES.

ENGINEER'S SEAL	NOT REQUIRED.
ENGINEER'S SEAL	NOT REQUIRED.
DATE:	SEPT 2010
DESIGNED BY:	Y.C.
INITIATED BY:	E.F.G.
CHECKED BY:	Y.C.
DESIGN STANDARDS	
JOB NO.:	610-41

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936



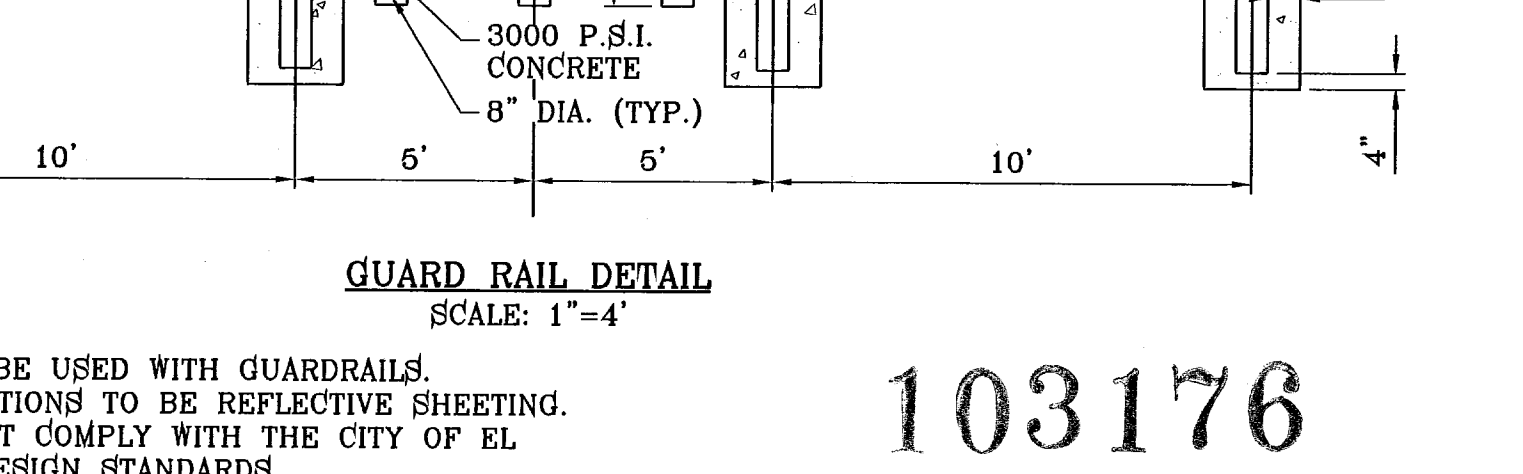
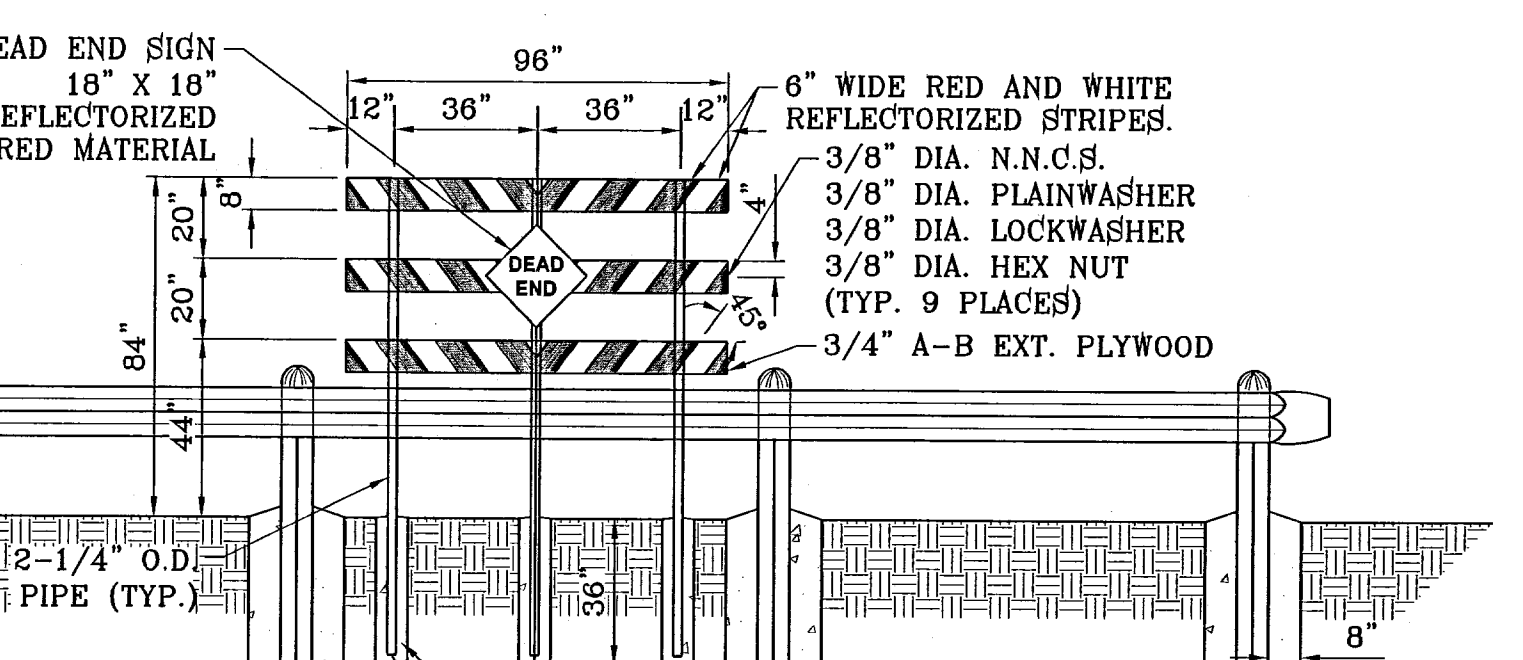
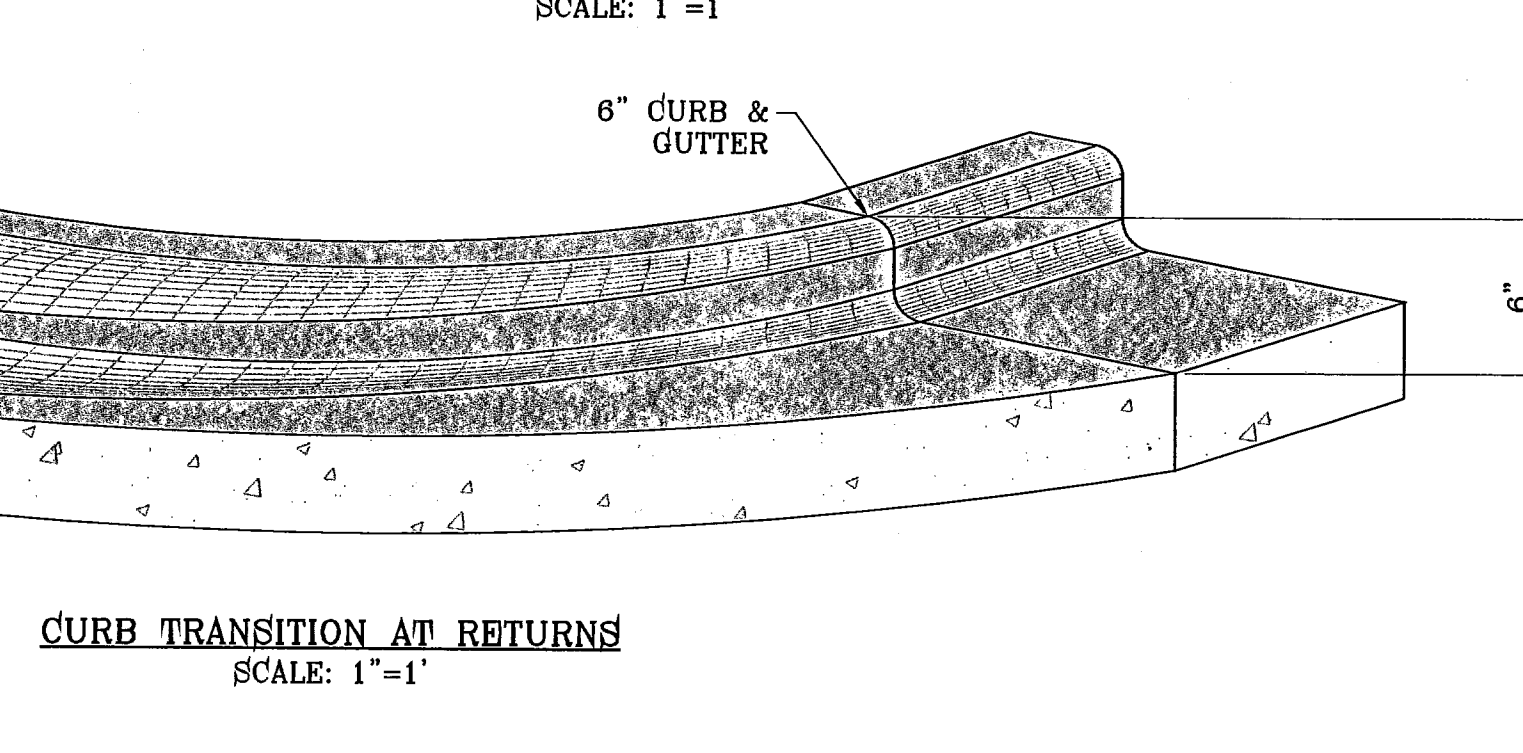
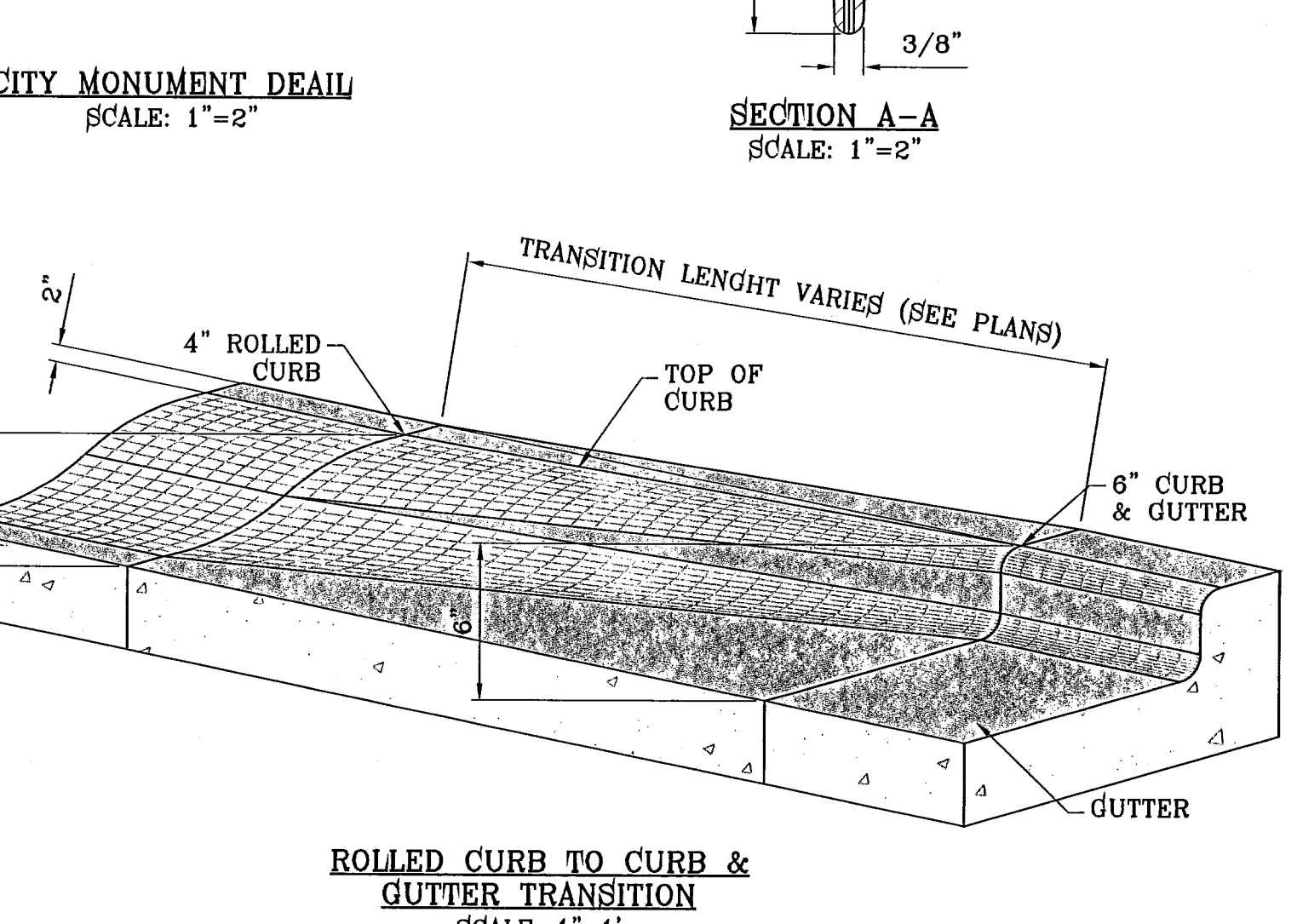
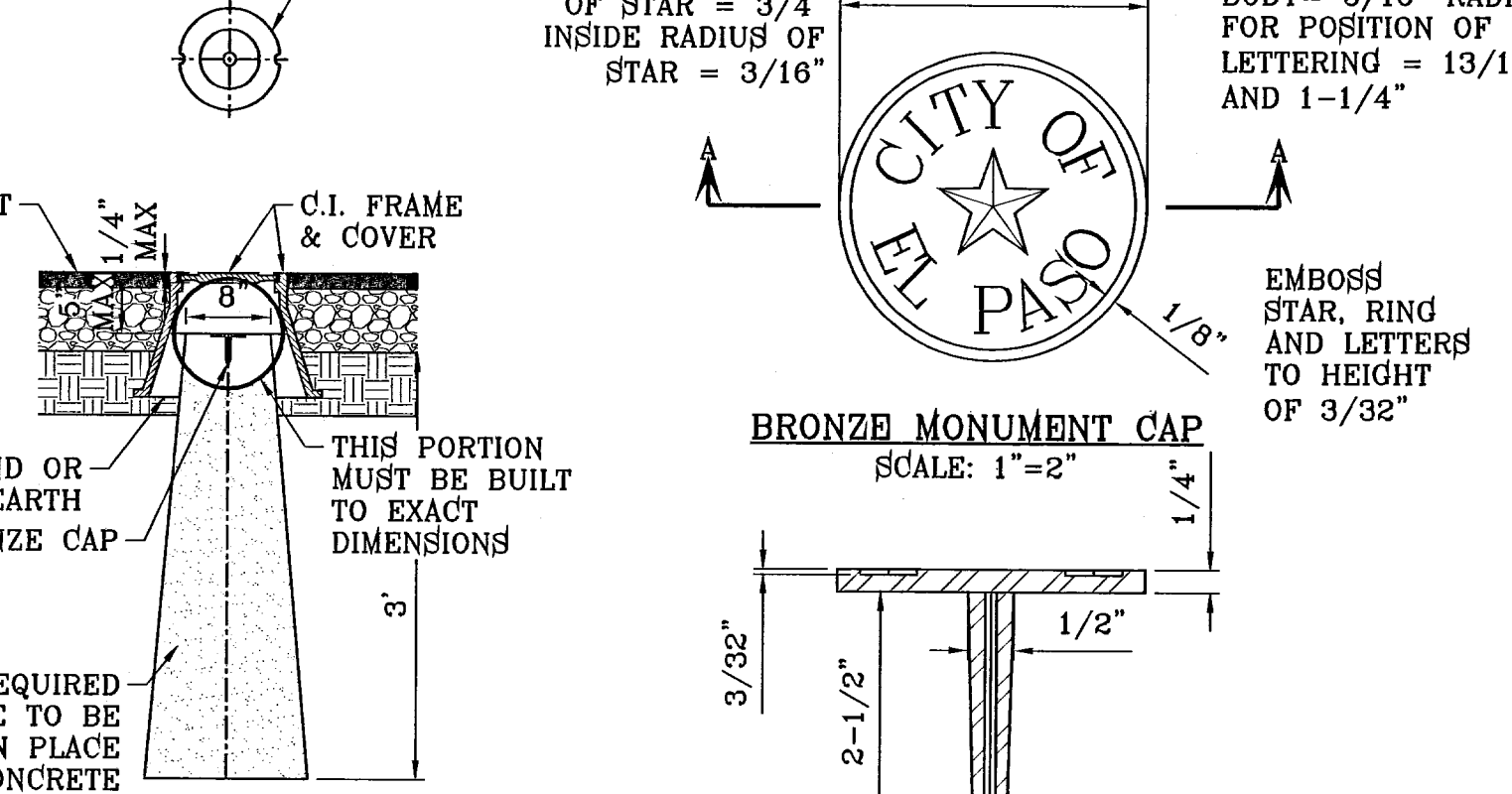
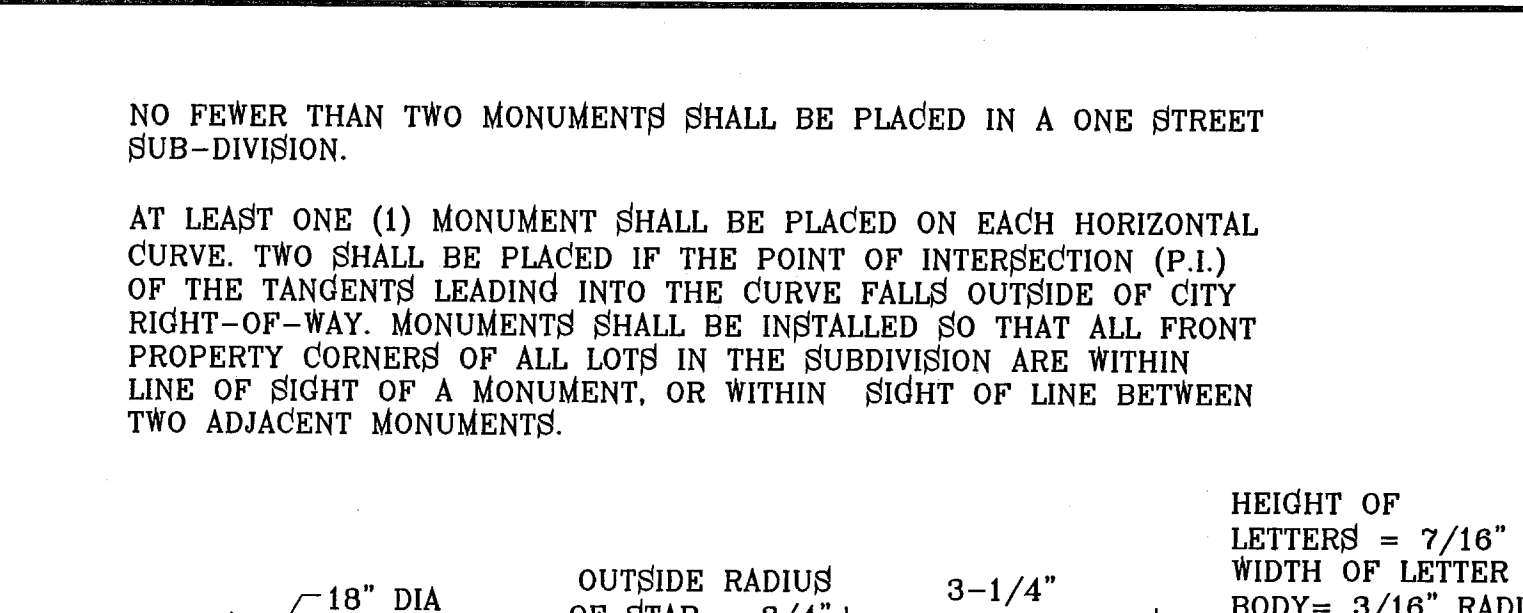
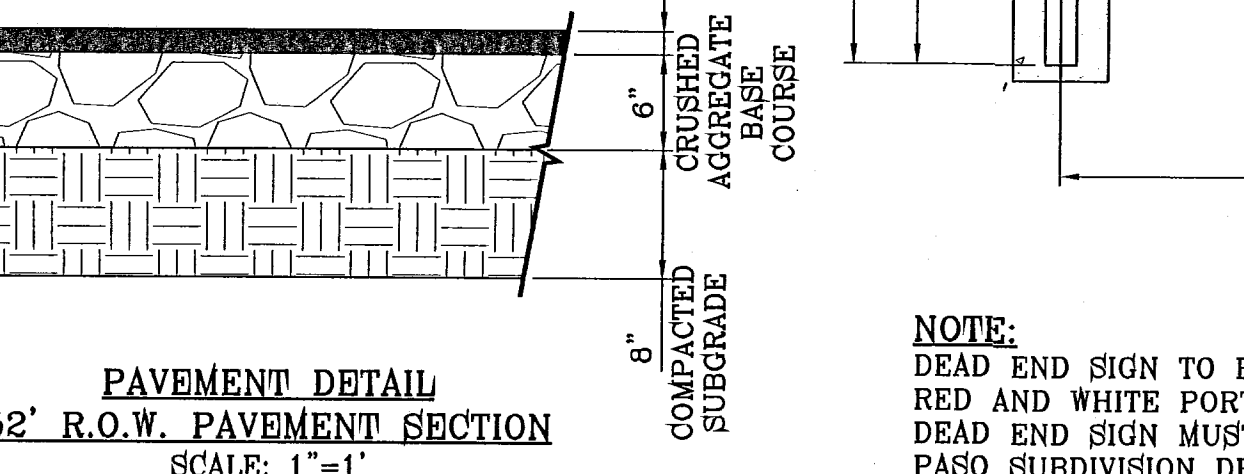
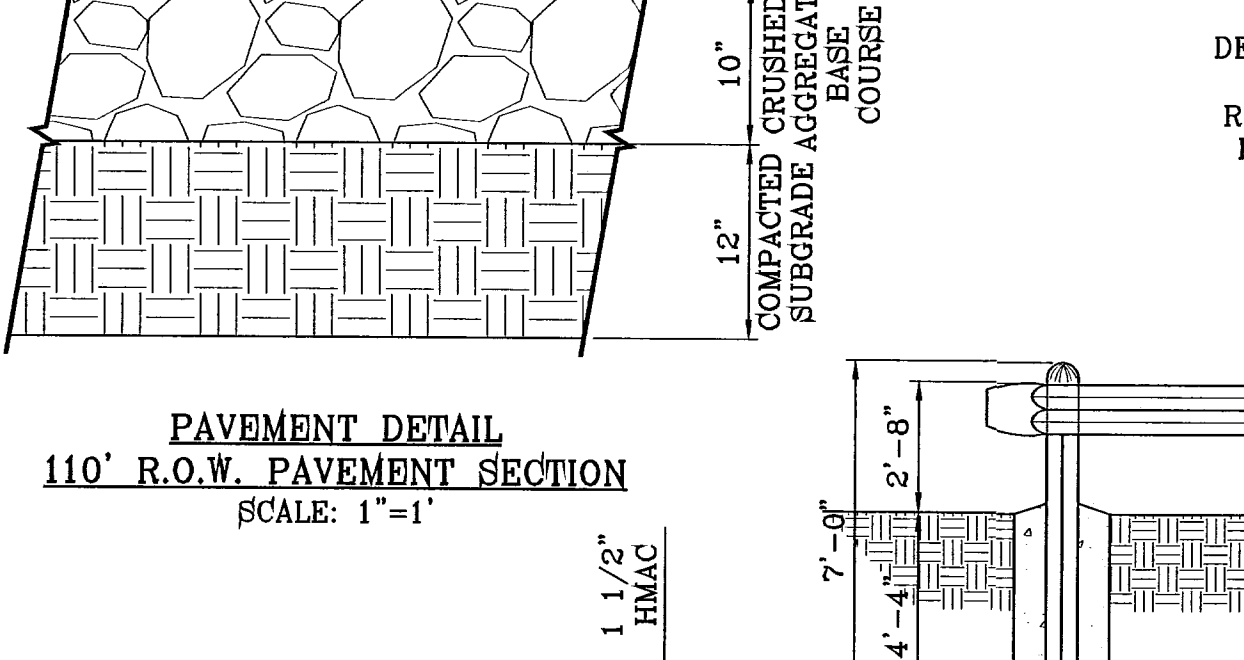
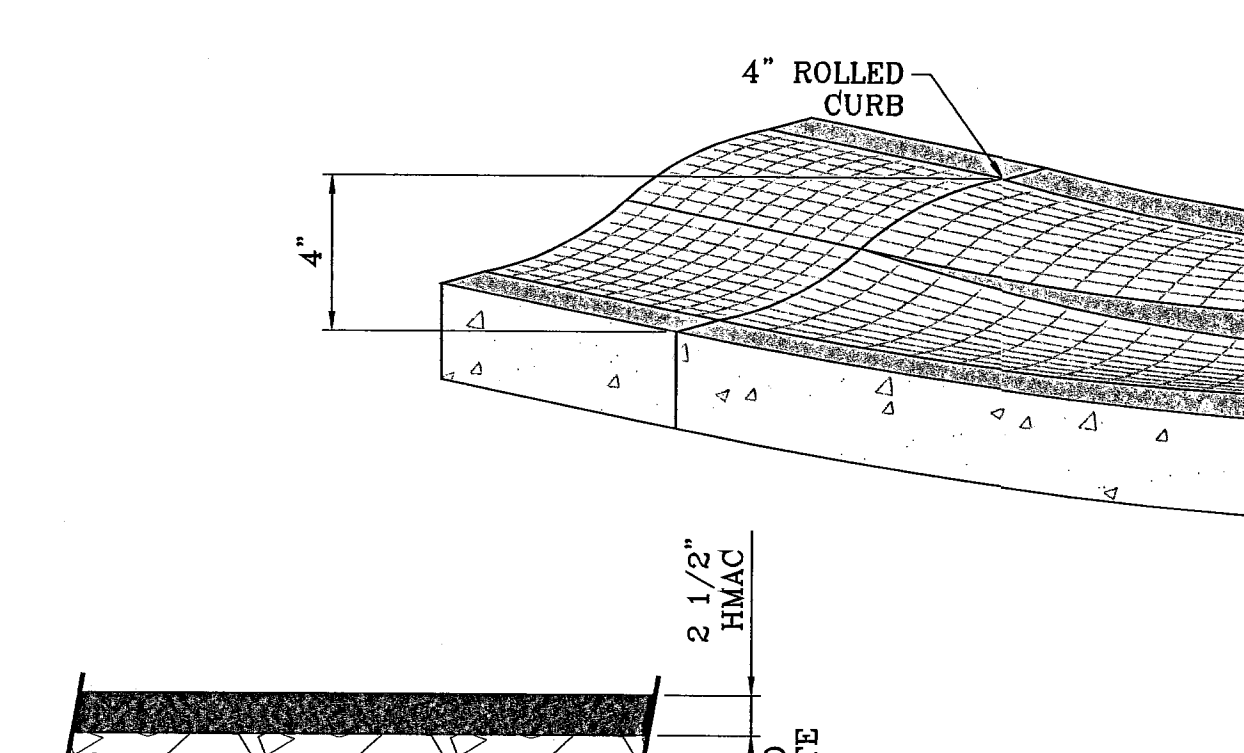
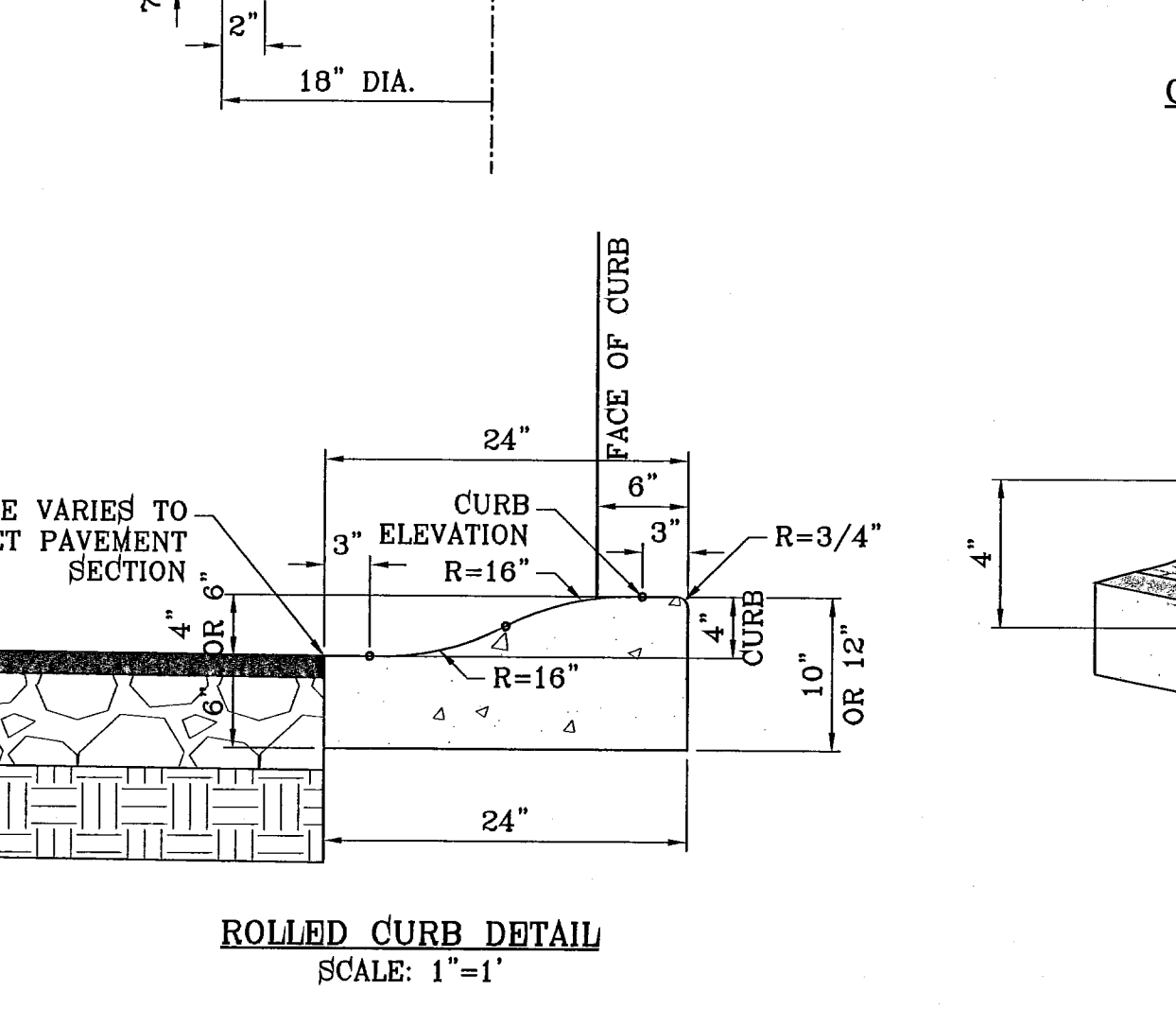
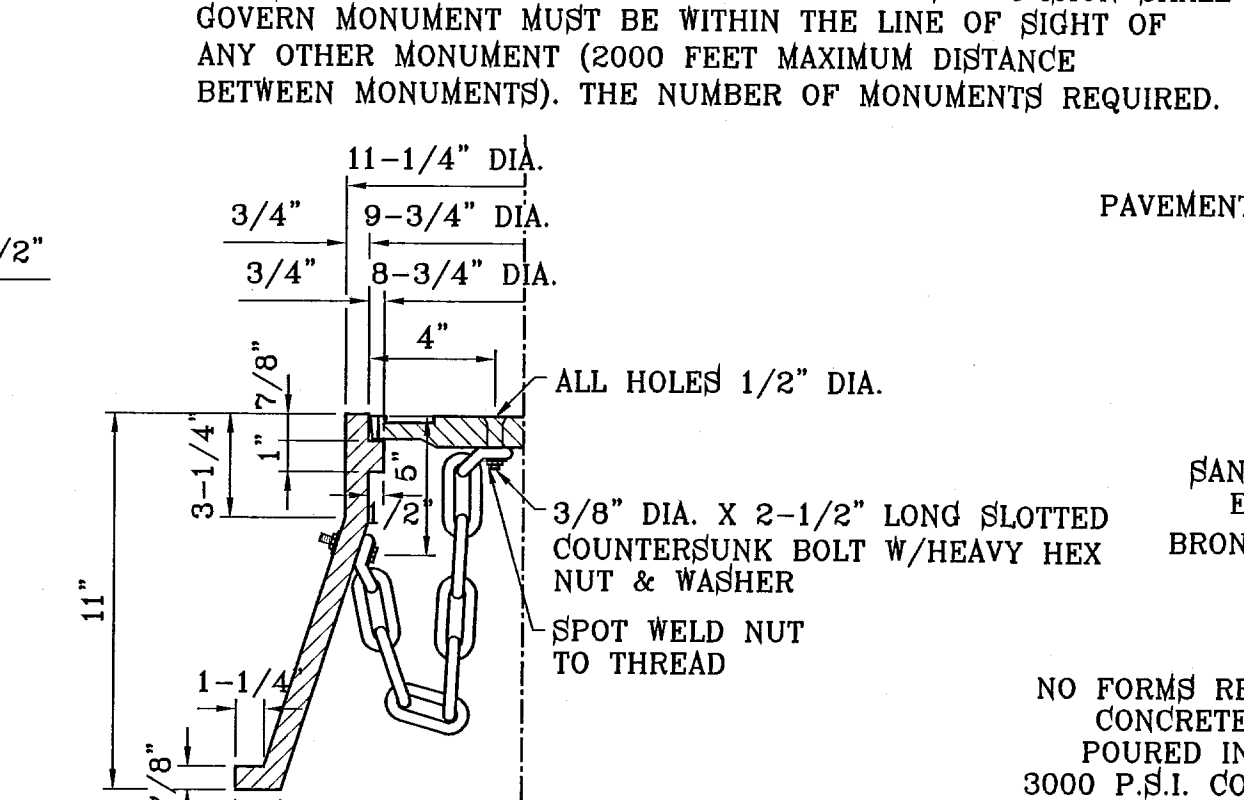
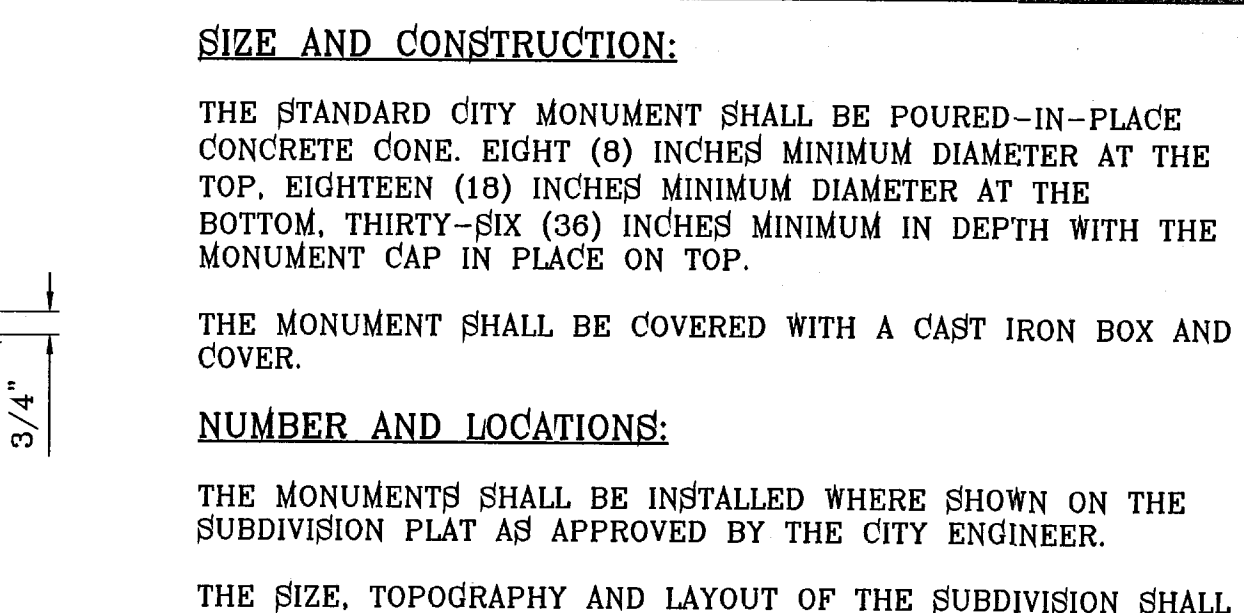
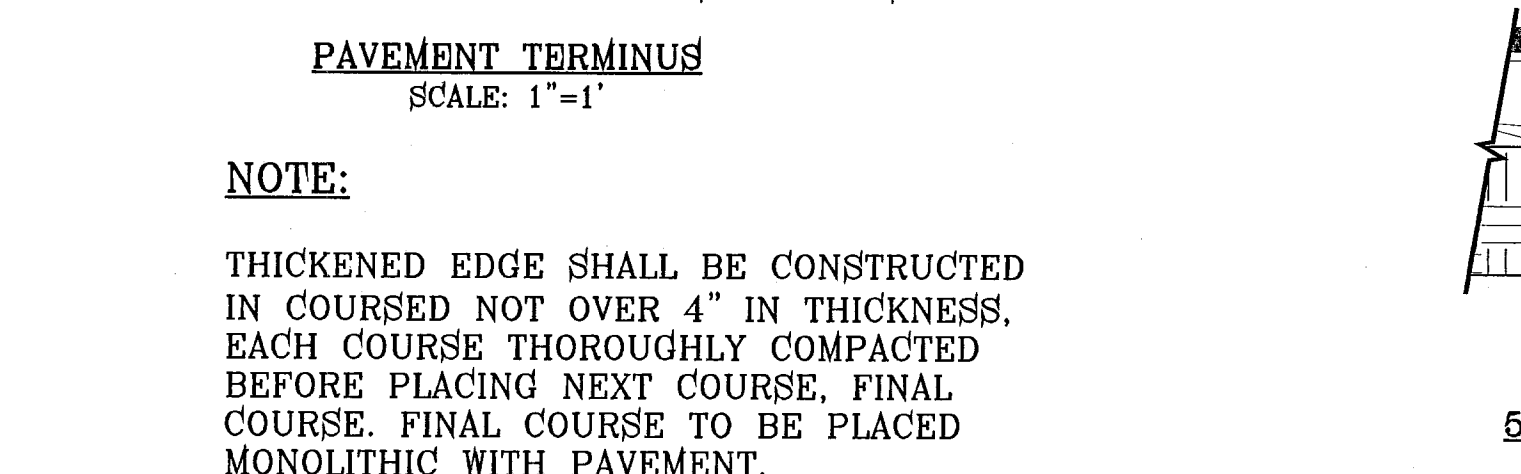
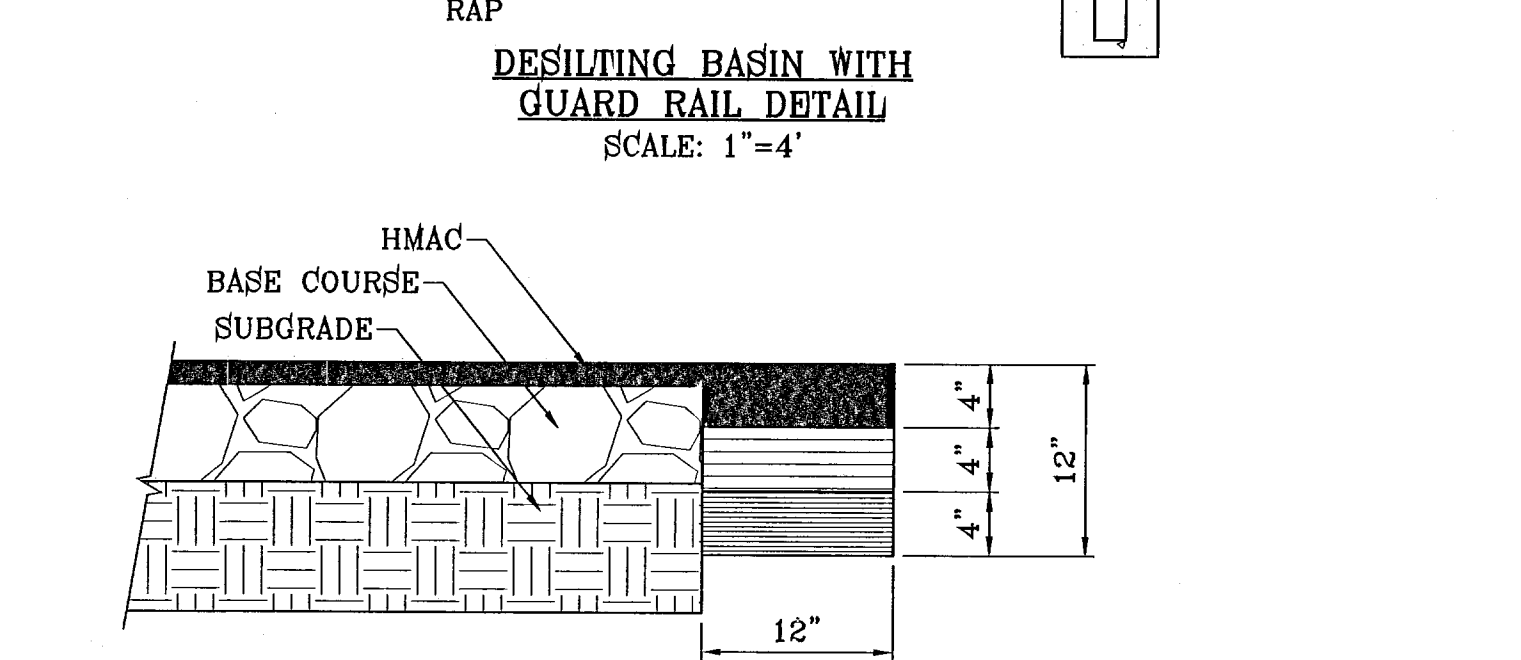
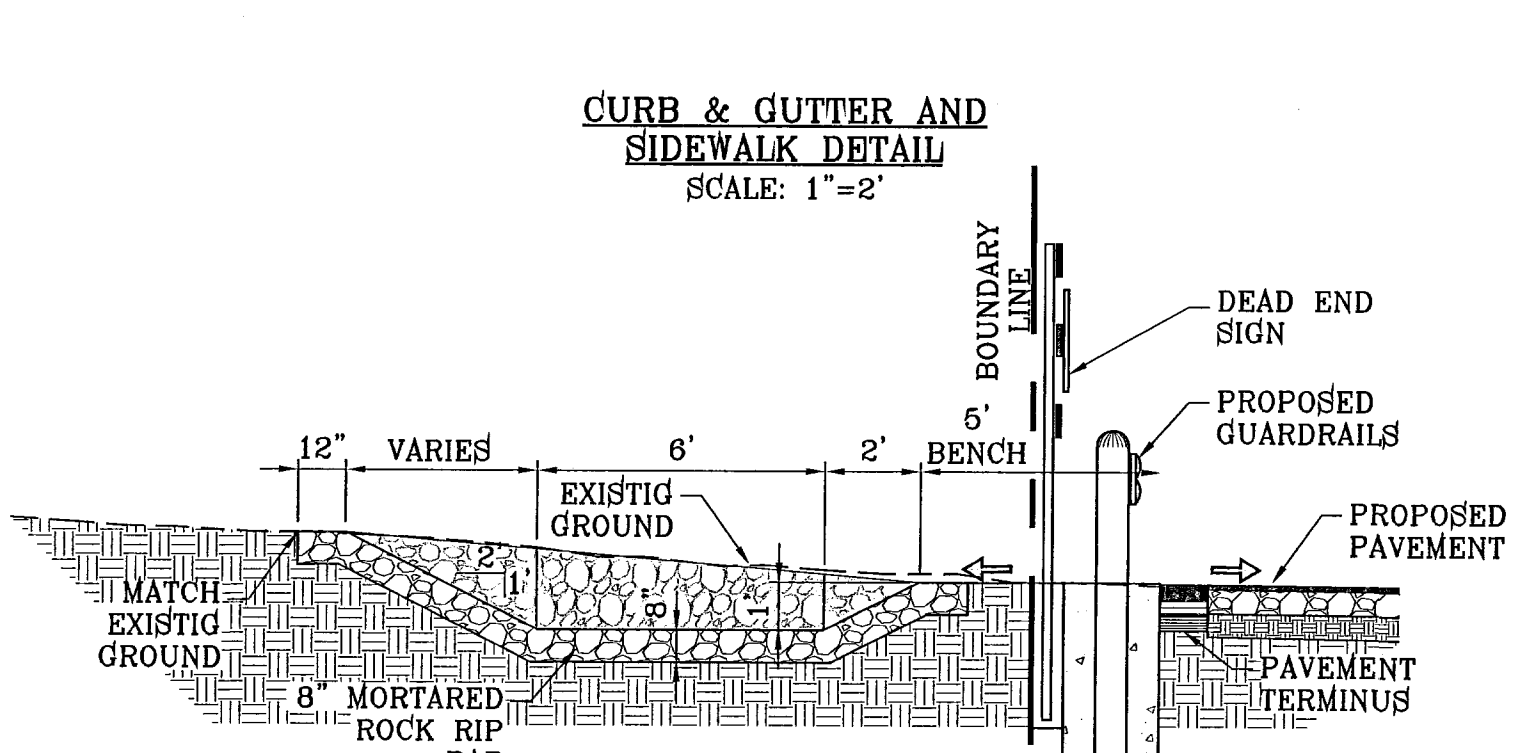
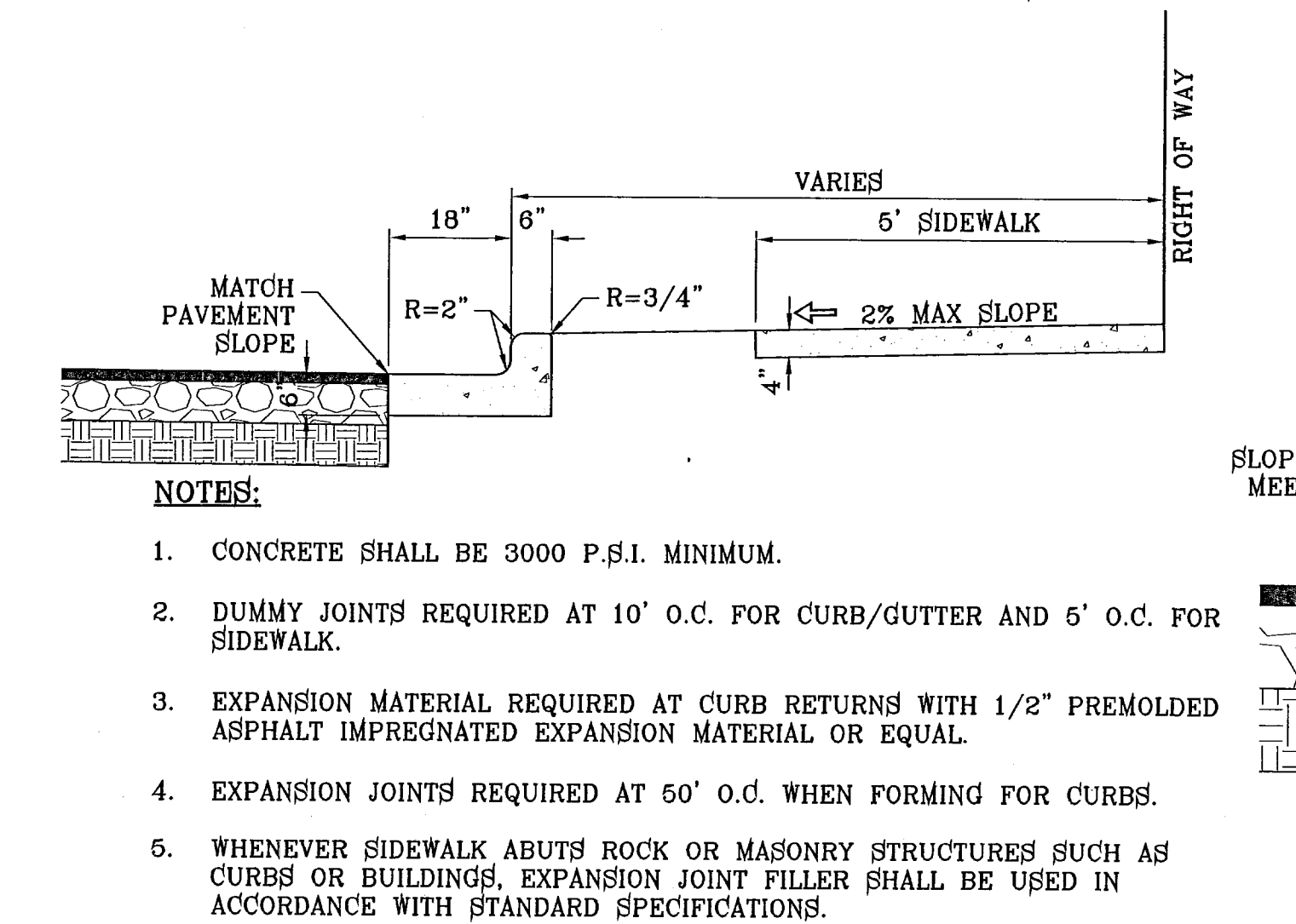
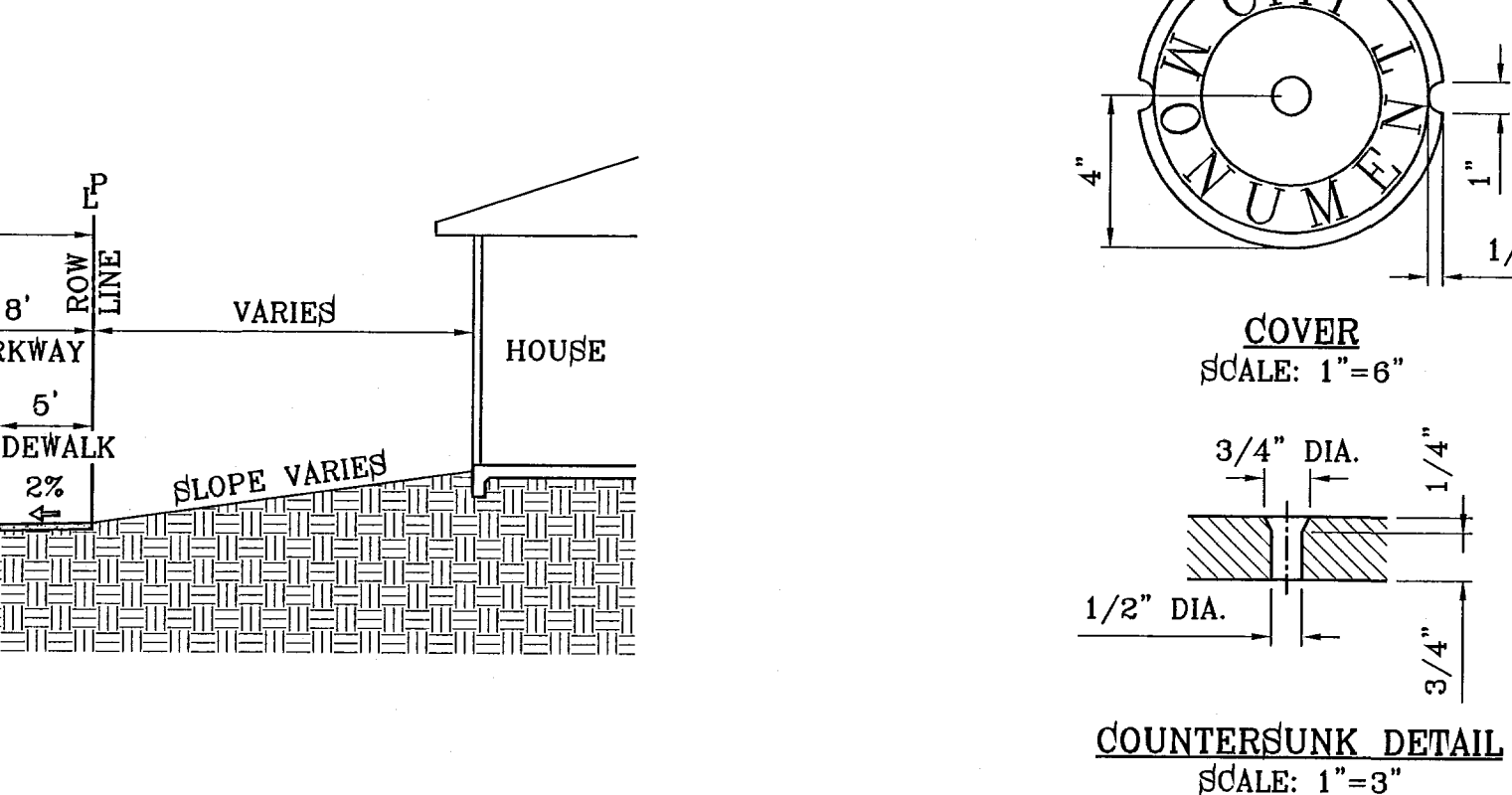
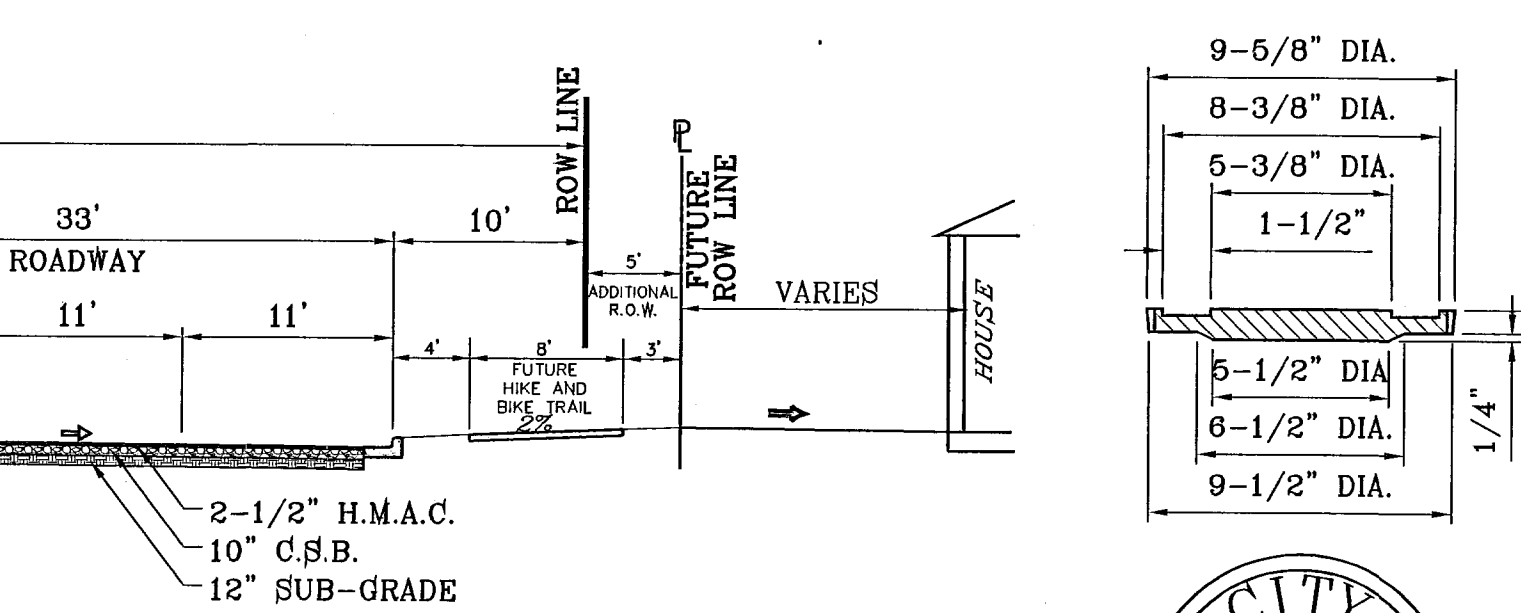
SHEET DATE: 04/15/2010 11:02:13 AM BY: EDGAR GUTIERREZ
 FILE LOCATION: S:\EDGAR\WORK\103176_04-STD-DTL.DWG
 PLOTTED ON: Thursday, December 02, 2010 11:02:13 AM BY: EDGAR GUTIERREZ



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.
- HMAC. 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.



PROJECT NAME	TERRA DEL ESTE UNIT SIXTY FOUR
DATE	SEPT. 2010
DESIGN BY	Y.C.
INITIATED BY	E.F.G.
CHECKED BY	Y.C.
JOB NO.	610-41

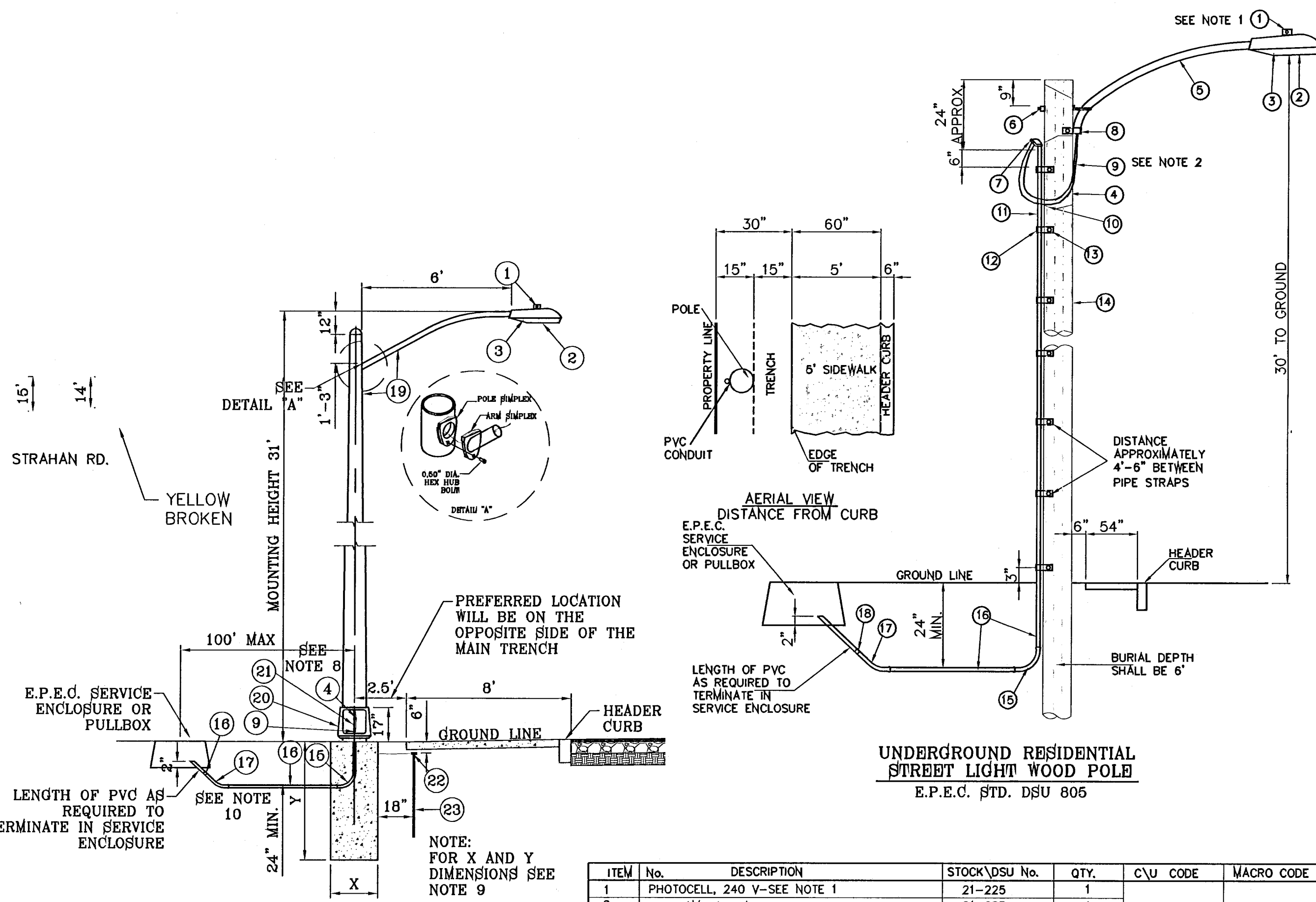
ENGINEER'S SEAL

ENGINEER'S SEAL NOT REQUIRED. THIS SHEET IS PRODUCED BY THE CITY OF EL PASO SUBDIVISION DESIGN STANDARDS.

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 DEL TREVINO STE 400
EL PASO, TEXAS 79936

SCALES	HORIZ: AS NOTED
VERT:	---
DATE:	SEPT. 2010
DESIGN BY:	Y.C.
INITIATED BY:	E.F.G.
CHECKED BY:	Y.C.
JOB NO.:	610-41

FILE LOCATION S:_Subdivisions\TDE 64 REVISED.dwg\TDE_64-GDPL PLOTTED ON Tuesday, May 24, 2011 12:52:59 PM BY RUBEN RIVERA



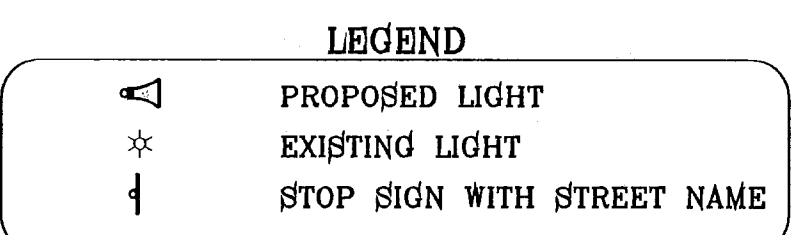
UNDERGROUND RESIDENTIAL STREET LIGHT WOOD POLE
E.P.E.C. STD. DSU 806

UNDERGROUND RESIDENTIAL METAL STREET LIGHT POLE (PARK ONLY)
E.P.E.C. STD. DSU 810
SCALE: 1"=4'

- 1 MOUNT SO THAT PHOTO CELL IS FACING NORTH.
- 2 ITEM #9 SHALL NOT BE SPLICED INSIDE ITEM #8.
- 3 INSTALLATION MUST COMPLY WITH LOCAL CODE REQUIREMENTS.
- 4 STEEL POLE TO HAVE A BREAKAWAY BASE AS REQUIRED BY THE CITY OF EL PASO.
- 5 POLE SHALL BE GROUND AS REQUIRED BY N.E.C. LATEST EDITION.
- 6 A GROUND ROD MUST BE USED.
- 7 LOCK WASHER MUST BE INCLUDED ON ALL ANCHOR BOLTS.
- 8 FOR ANY CLARIFICATION, EXCEPTIONS OR QUESTIONS REGARDING THIS STANDARD, CALL THE EL PASO ELECTRIC COMPANY DISTRIBUTION DESIGN DEPARTMENT.
- 9 ITEM #4 SLEEVES AND ITEM #6 CABLE ARE LOCATED INSIDE THE STEEL POLE.
- 10 FOUNDATION DIMENSIONS ARE AS FOLLOWS:

	DIAMETER	DEPTH
NORMAL SOIL	24"	72"
ROCKY SOIL	24"	60"
- 11 4-ANCHOR BOLTS WITH 4" HOOKS, THREAD END GALVANIZED 1" DIA. x 36" LONG, EACH BOLT FURNISHED WITH 2 HEX NUTS AND 2 FLAT WASHERS ARE SUPPLIED WITH THE STEEL POLE.

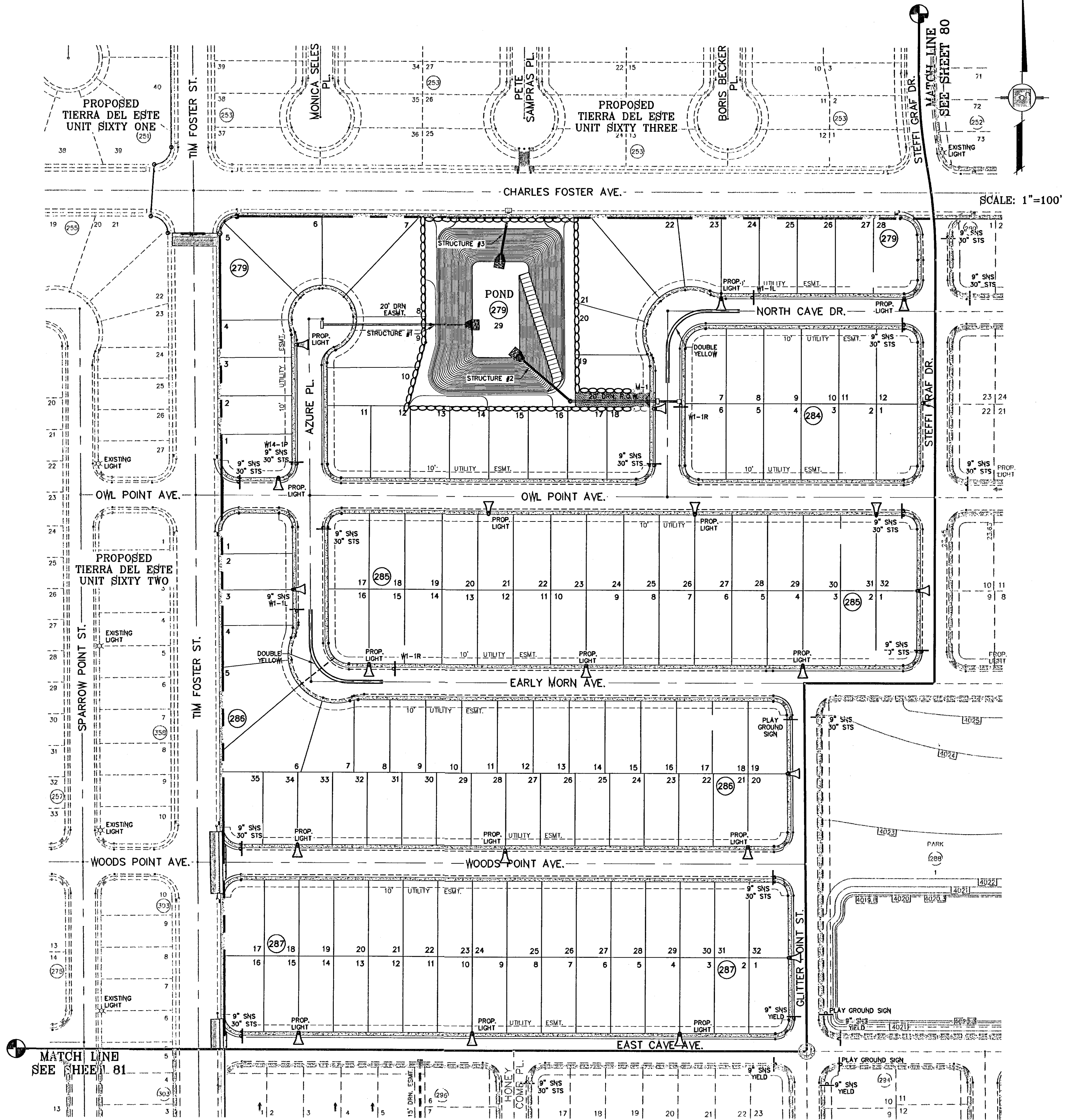
ITEM	No.	DESCRIPTION	STOCK/DSU No.	QTY.	C/U CODE	MACRO CODE
1		PHOTOCELL, 240 V-SEE NOTE 1	21-225	1		
2		HPS LAMP 100 W	21-085	1		
3		LUMINAIRE, 100 W HPS	21-335	1	LCOBRAHD	
4		SLEEVES, #12-10	05-140	2		
5		MAST ARM, 6" x 1 1/4"	21-200	1	LBRKT1*6	
6		MACHINE BOLT, 5/8" x 12"	02-470	1		LCOBRAUG
		SQUARE 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, 1/2" x 3"	02-343	2	LLAG12*3	
9		CABLE #10, 2 CONDUCTOR, 600V, UF	13-600	8'	L2C#10S	
10		COPPER CBL, #12, 19 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	7	LPVCSTRP	
13		NAIL, STAINLESS STEEL SCREW 2.5"	14-427	.25#	LNAL14*2	
14		POLE, 35" CLASS 4	09-035	1	L354UG	
15		1" PVC 90 DEGREE ELBOW	17-297	1	LEL901	
16		1" PVC CONDUIT	17-299	AS REQ'D	LPVCI	
17		1" PVC 45 DEGREE ELBOW	17-298	1	LEL451	
18		1" PVC COUPLING	17-296	1	LCPL61	LSTEELUG
19		STEEL POLE 31" STREET LIGHT	09-300	1	L31STLUG	
20		ALUMINUM TRANSFORMER BASE	21-611	1	LTBASE	
21		BREAK-A-WAY FUSES 30 AMP	21-250	2	LBRKFUSE	
22		5/8" GROUND ROD CLAMP	07-461	1	LGRNDROD	
23		5/8" x 10' CU BONDED GROUND ROD	08-626	1		



NOTE: STREET LIGHTING TO BE IN ACCORDANCE WITH EL PASO DESIGN STANDARDS, SECTION VIII. METAL POLE STREET LIGHTS TO BE USED AROUND PARK BEHIND SIDEWALK.

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 #8.
- 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.



103176
TIERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK
NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED: X 1118" PID "CE0141"
ELEVATION: 9887.12

REVISIONS

DATE

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79, TOWNSHIP 17 N, RANGE 10 E, COUNTY, TEXAS, CONTAINING 159.768 ACRES.

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

DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936

REGISTRATION No. F-3251

SHEET TITLE
ILLUMINATION AND TRAFFIC CONTROL PLAN

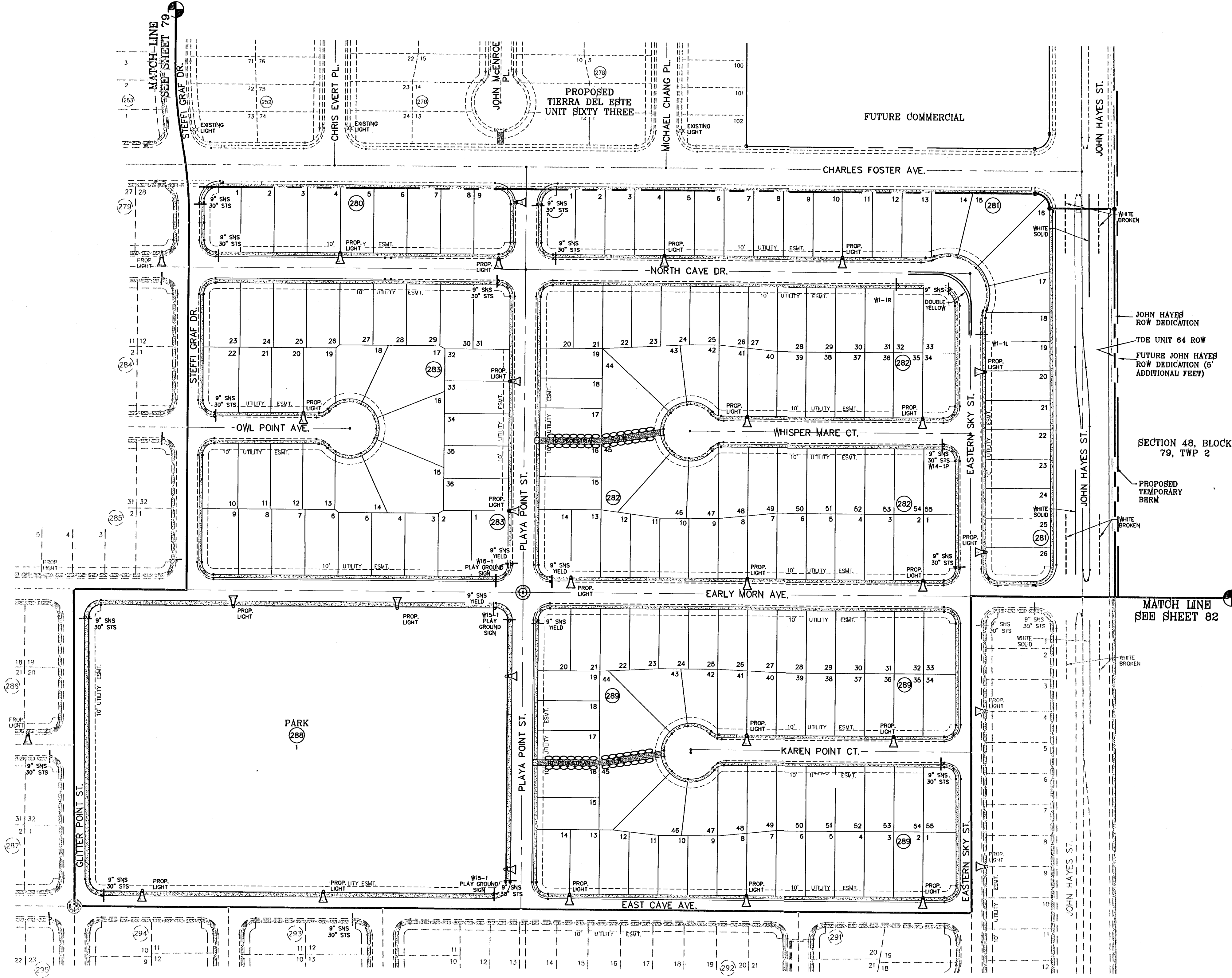
SHT 79 OF 82

FILE LOCATION S:_Subdivisions\TDE 64 REVISED.dwg\TDE 64_CDPL PLOTTED ON Tuesday, May 24, 2011 12:54:14 PM BY RUBEN RIVERA

NOTE: STREET LIGHTING TO BE IN ACCORDANCE WITH EL PASO DESIGN STANDARDS, SECTION VIII. METAL POLE STREET LIGHTS TO BE USED AROUND PARK BEHIND SIDEWALK.

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

LEGEND
 ▲ PROPOSED LIGHT
 * EXISTING LIGHT
 † STOP SIGN WITH STREET NAME

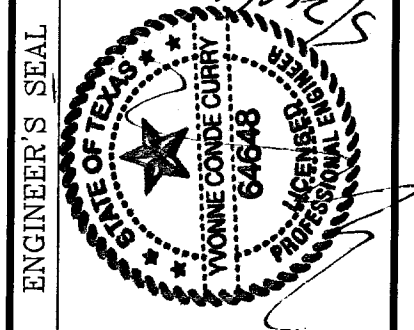


SCALE: 1"=100'

BENCHMARK	NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED X 1118' 30" CSD141 ELEVATION: 3887.12
DATE	11/22/10
REVISIONS	BY E.F.G.
DEVELOPER	EARLY MORN STREET OPENING/KAREN POINT STREET CLOSURE/MEDIAN REVISIONS AS PER DEVELOPER

PROJECT NAME
TIERRA DEL ESTE
UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47 AND 48, BLOCK 79,
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,
 CONTAINING 133.788 ACRES

SCALE
 HORIZ: 1"=100'
 VERT: ---
 DATE: SEPT 2010
 DESIGN BY: Y.C.
 INITIATED BY: E.F.G.
 CHECKED BY: Y.C.
 JOB NO.: 610-41

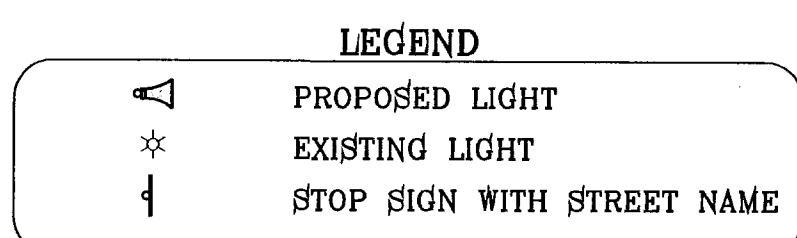
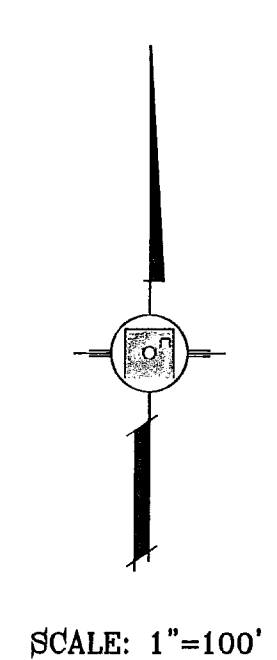
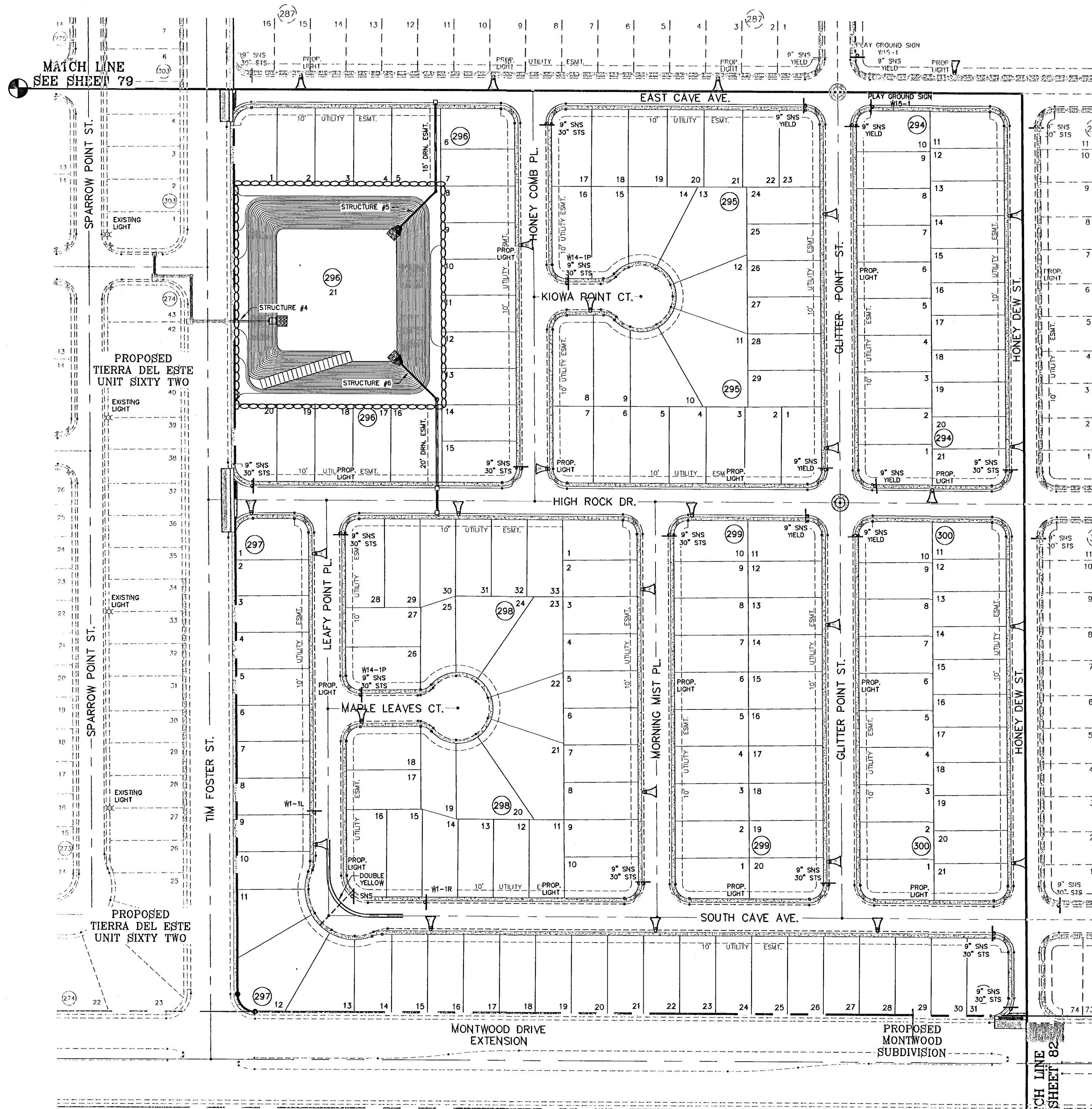


CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1700 LIFE TRENING STE 400
 EL PASO, TEXAS 79966



SHEET TITLE
ILLUMINATION
AND TRAFFIC
CONTROL
PLAN
 103176
 TIERRA DEL ESTE UNIT SIXTY FOUR
 SHT 80 OF 82

FILE LOCATION EN:\Subdivisions\TDE 64 REVISED.dwg\TDE_64-ODPL PLOTTED ON Wednesday, June 22, 2011 8:43:09 AM BY RUBEN RIVERA



NOTE: STREET LIGHTING TO BE IN ACCORDANCE WITH EL PASO DESIGN STANDARDS, SECTION VIII. METAL POLE STREET LIGHTS TO BE USED AROUND PARK BEHIND SIDEWALK.

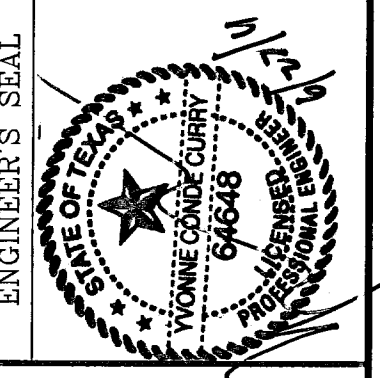
NOTE: INSTALL TRAFFIC CONTROL DEVICES AS SHOWN AND IN ACCORDANCE WITH CITY OF EL PASO DESIGN STANDARDS, SECTION VII

BENCHMARK	NGS MARKER COPPER-CLAD STEEL ROD DESIGNED BY 11107 200141 ELEVATION : 3887.12
DATE	04/26/11
REVISIONS	CITY REDLINES AS PER 04/18/11 COMMENTS
BY	R.R.

**TIERRA DEL ESTE
UNIT SIXTY FOUR**

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
ACROSS FROM THE EL PASO COUNTY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 138.768 ACRES

SCALE	HORIZ: 1"=100' VERT: ---
DATE	SEPT. 2010
DESIGN BY	Y.C.
INITIATED BY	E.F.G.
CHECKED BY	Y.C.
JOB NO.	610-41



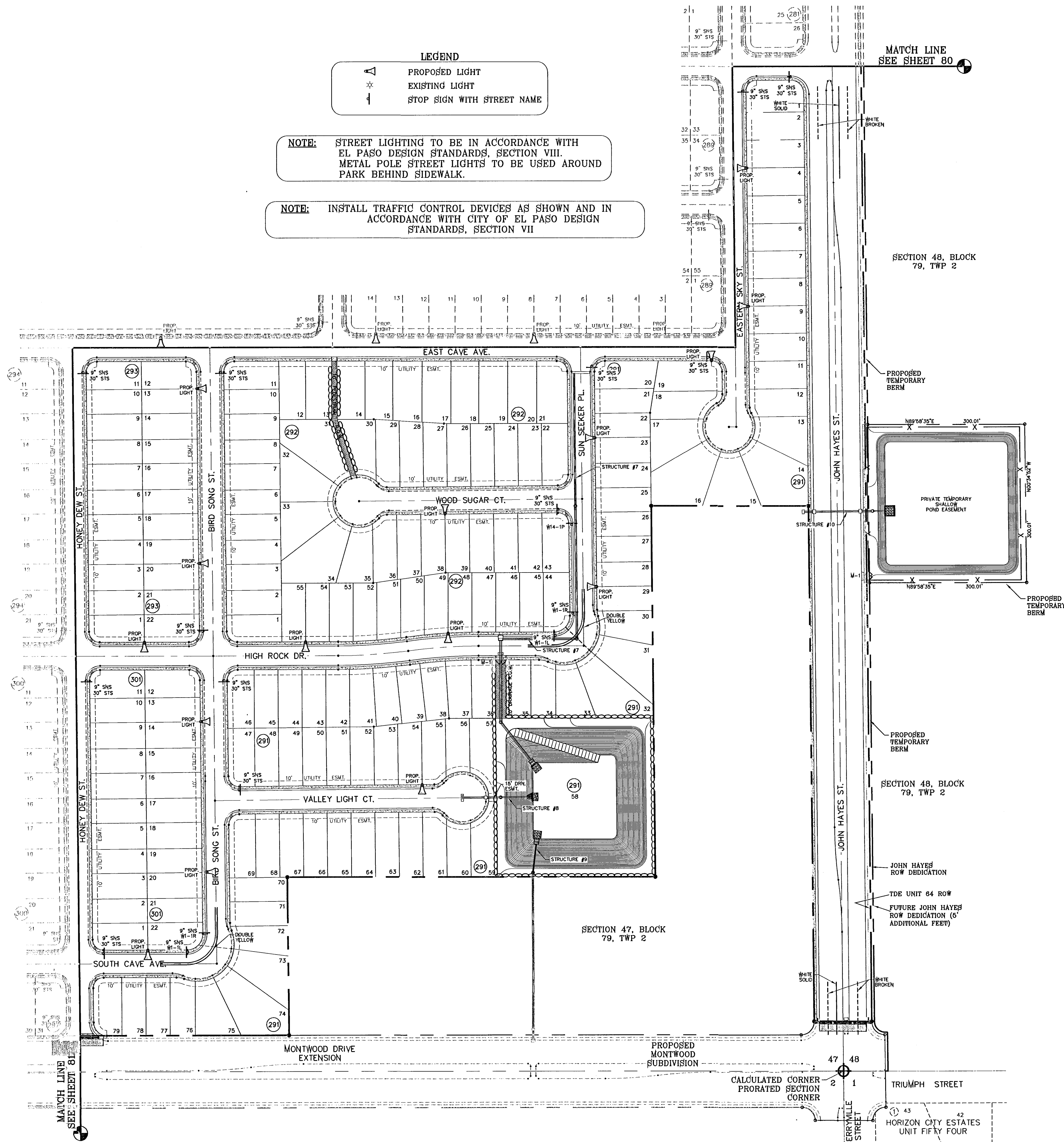
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936



SHEET TITLE
**ILLUMINATION
AND TRAFFIC
CONTROL
PLAN**

103176

TIERRA DEL ESTE UNIT SIXTY FOUR



LEGEND

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

NOTE: STREET LIGHTING TO BE IN ACCORDANCE WITH EL PASO DESIGN STANDARDS, SECTION VIII. METAL POLE STREET LIGHTS TO BE USED AROUND PARK BEHIND SIDEWALK.

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

MATCH LINE
SEE SHEET 80

SCALE: 1"=100'

BENCHMARK	NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATION: X-1118 ELEVATION: 3604.41
REVISIONS	
DATE	11/22/10
BY	EARLY MORN STREET OPENING/KAREN POINT STREET CLOSURE/MEDIAN REVISIONS AS PER DEVELOPER
DATE	06/02/11
BY	CITY REVISIONS AS PER 06/02/11 COMMENTS

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 159.768 ACRES

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

DATE: SEPT 2010
DESIGN BY: Y.C.
INITIATED BY: E.F.G.
CHECKED BY: Y.C.
JOB NO.: 610-41

ENGINEER'S SEAL

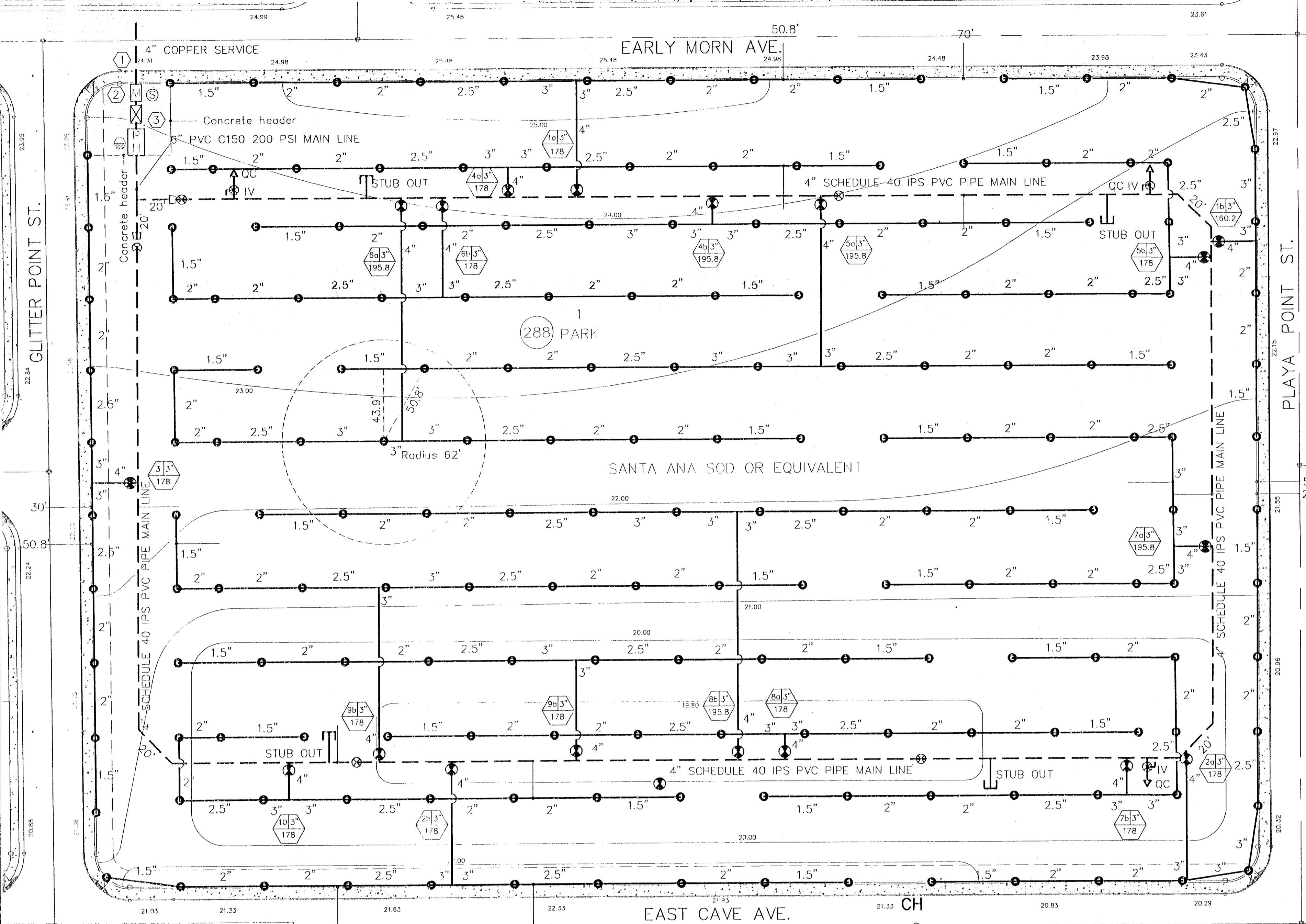
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GFS
1780 LEE TREVINO STE. 400
EL PASO, TEXAS 79906

SHEET TITLE
ILLUMINATION AND TRAFFIC CONTROL PLAN

SHT 82 OF 82

103176

TIERRA DEL ESTE UNIT SIXTY FOUR



Hydraulic Calculation Table

Section	Length (ft)	Flow (GPM)	Pressure Loss (psi)	Accumulated Pressure Loss (psi)
1	100	100	0.2	0.2
2	100	100	0.2	0.4
3	100	100	0.2	0.6
4	100	100	0.2	0.8
5	100	100	0.2	1.0
6	100	100	0.2	1.2
7	100	100	0.2	1.4
8	100	100	0.2	1.6
9	100	100	0.2	1.8
10	100	100	0.2	2.0

IRRIGATION LEGEND

- 3" BERCO 825ND MASTER SERIES PRESSURE ASSEMBLY W/3000-AL HYDROCOIL ENCLOSURE
- 4" BRASS BALL ISOLATION VALVE 1" PARSONS M.D. 11X17 BOX
- 4" WATER METER (INSTALLED BY DEVELOPER)
- 1/2" THERMATIC REDUCER TO 3" VALVE
- 1/2" WATER RAIN-CLICK RAIN SENSOR MOUNTED ON 10' POLE
- ELECTRIC METER
- BERCO ESP-24 SAT. 1W STATION CONTROLLER
- 4" LATERAL PIPE CLASS 200 IPS PLASTIC PIPE (SIZE AS NOTED ON PLAN)
- 1" THICKER 1/2" DIA. 1/2" SCHED. 40 BRASS BALL VALVE WITH 11" x 12" BRASS HOUSING AND BOLT DOWN COVERS
- 1" DIA. 1/2" SCHED. 40 BRASS BALL VALVE WITH 11" x 12" BRASS HOUSING AND BOLT DOWN COVERS
- 1" DIA. 1/2" SCHED. 40 BRASS BALL VALVE WITH 11" x 12" BRASS HOUSING AND BOLT DOWN COVERS
- 1" DIA. 1/2" SCHED. 40 BRASS BALL VALVE WITH 11" x 12" BRASS HOUSING AND BOLT DOWN COVERS

Triangular spacing design
 Design spacing = 10' - 15' overlap as per Parks Design Standards
 Row spacing = Design spacing x .866
 Design spacing = Parks standards (radius 62' - 10') = 52'
 Row spacing = Design spacing (52') x .866 = 45'

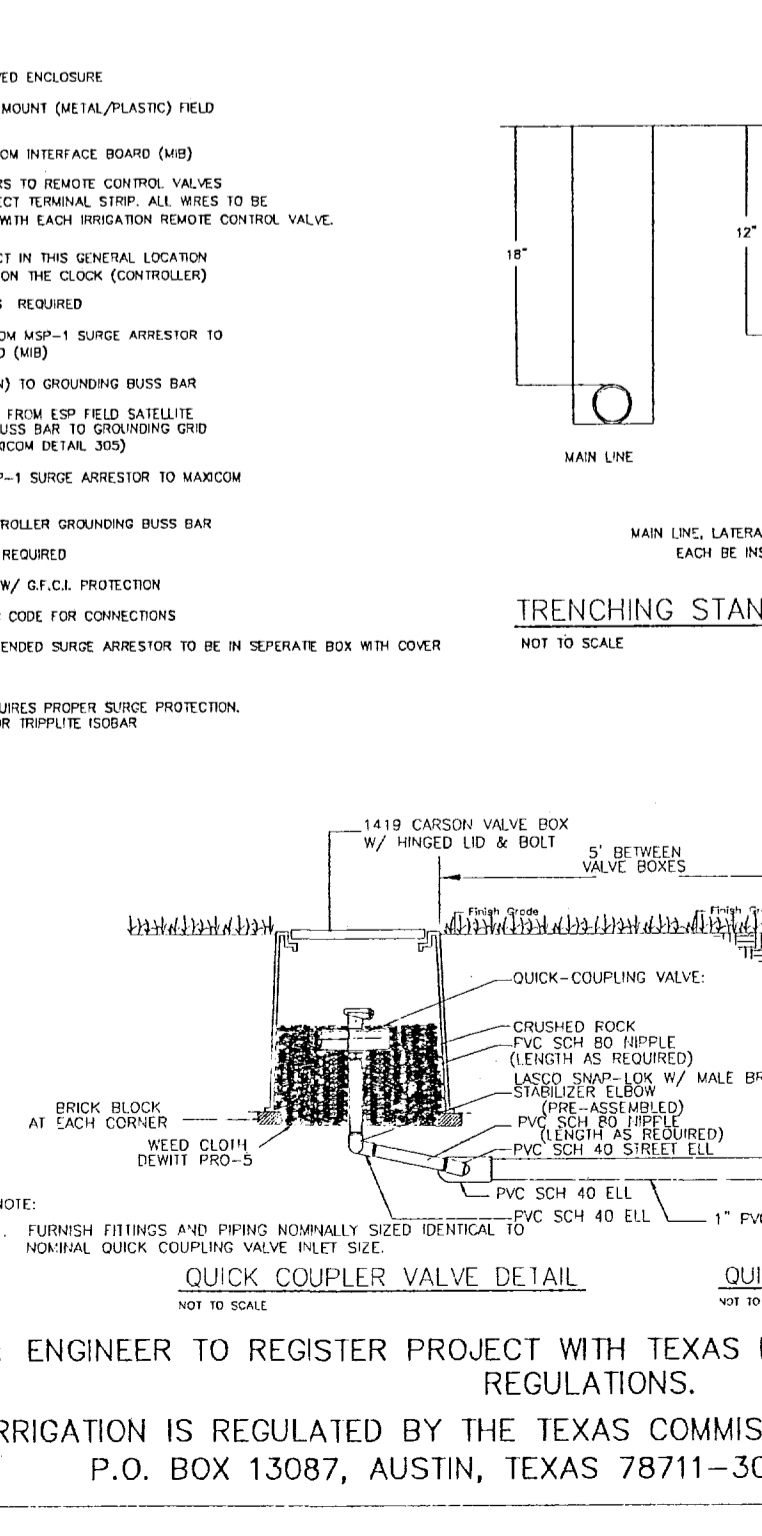
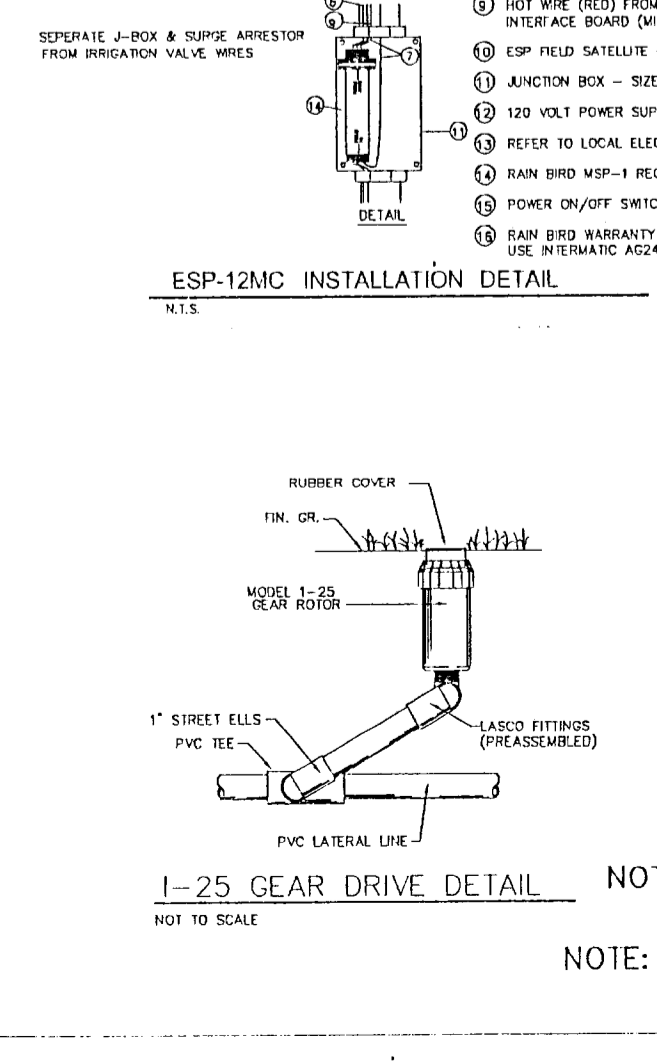
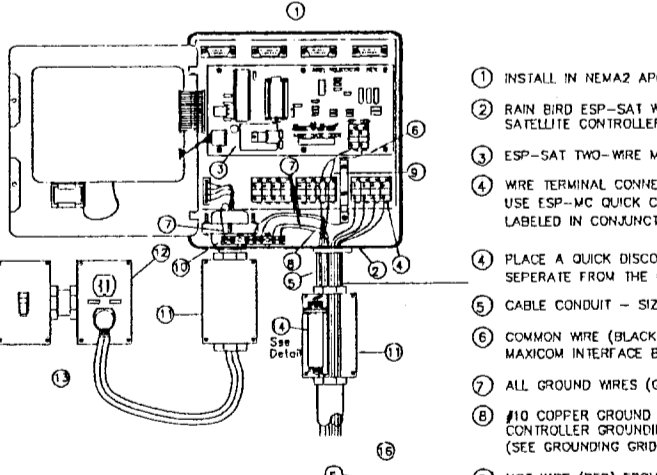
DESIGN SPACING - 50.8'
ROW SPACING - 43.9'

KEYED NOTES

- Irrigation system top point: verify 65 psi and 160.2 gpm. Notify owner in writing if the above criteria not met.
- Controller location: 110V Power by Developer. Coordinate exact location in field.
- Coordinate with contractor for enclosures on backline.
- Contractor required to apply for and obtain the irrigation permit from Building permits and inspections.

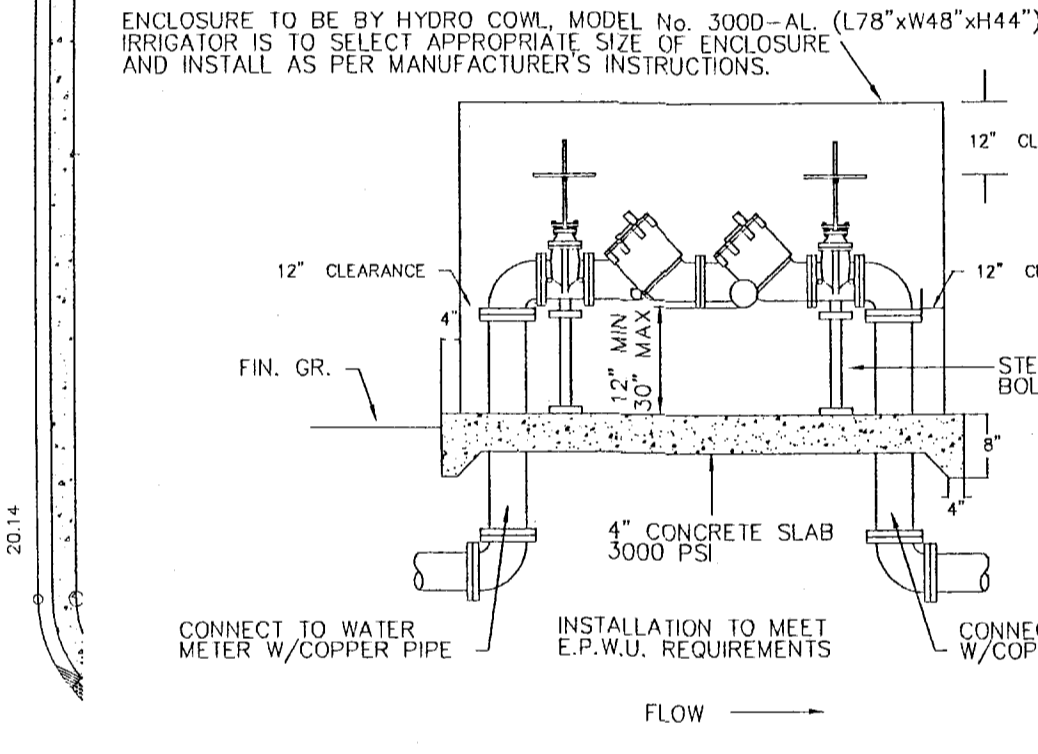
CITY PARK PRECIPITATION SCHEDULE

DATE	PRECIPITATION RATE	CAVITING REQUIREMENTS	HEAD TYPE	ID. OF HEADS	NOZZLE SIZE	VALVE SIZE
01/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
02/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
03/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
04/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
05/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
06/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
07/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
08/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
09/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
10/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
11/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"
12/01/10	1.24 IN/HR	31 WWS PER DAY FOR AN APPLICATION OF 1.2" PER DAY	ADJ.	10"	#20	3"



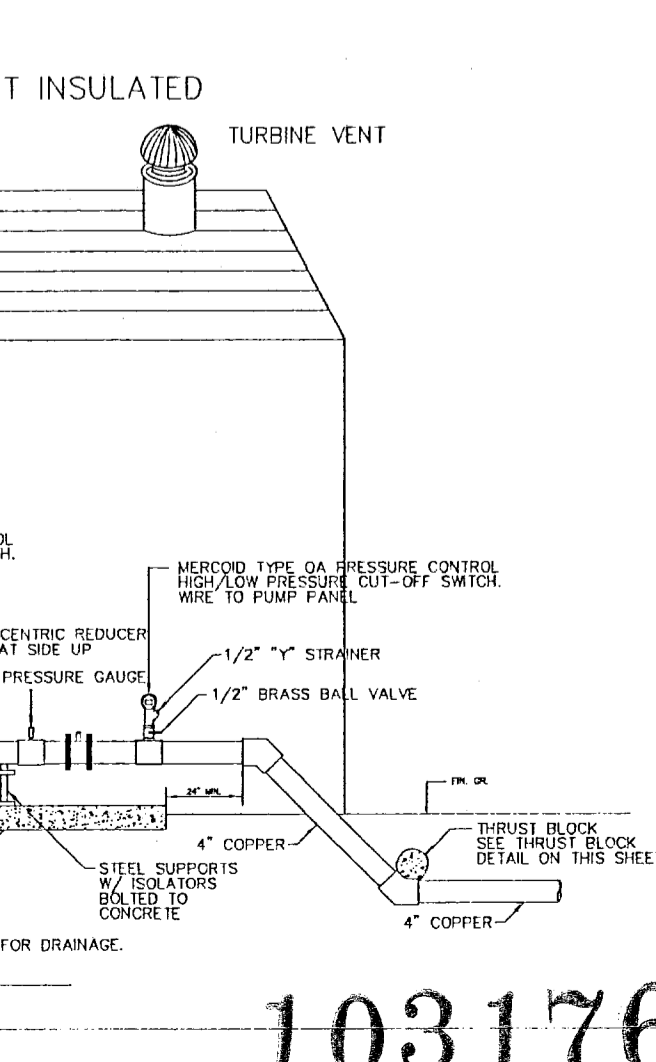
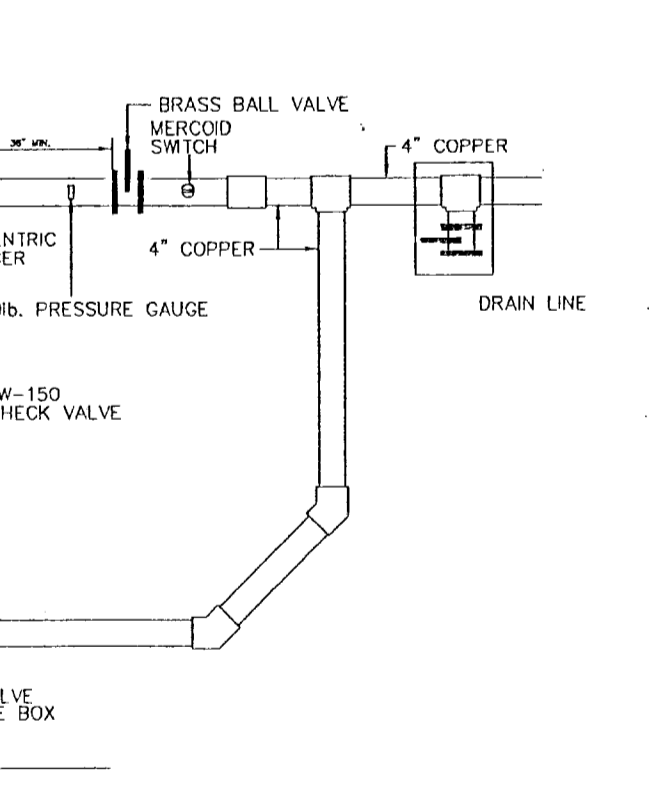
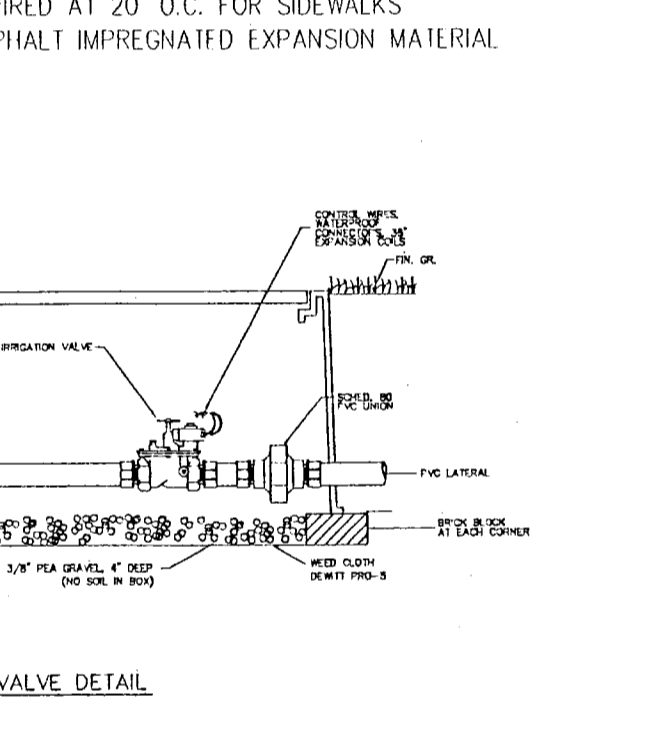
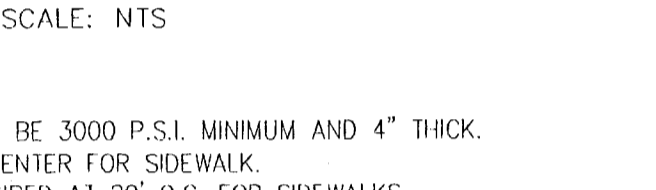
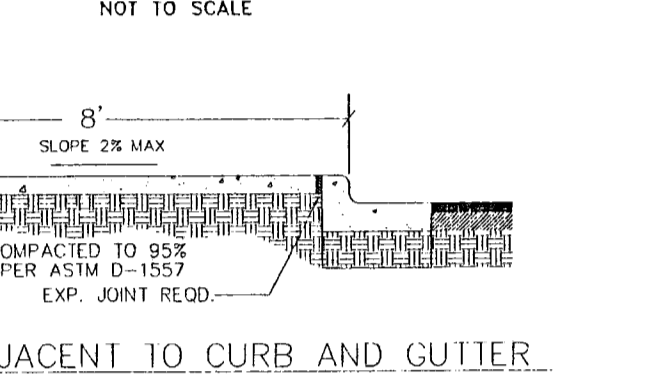
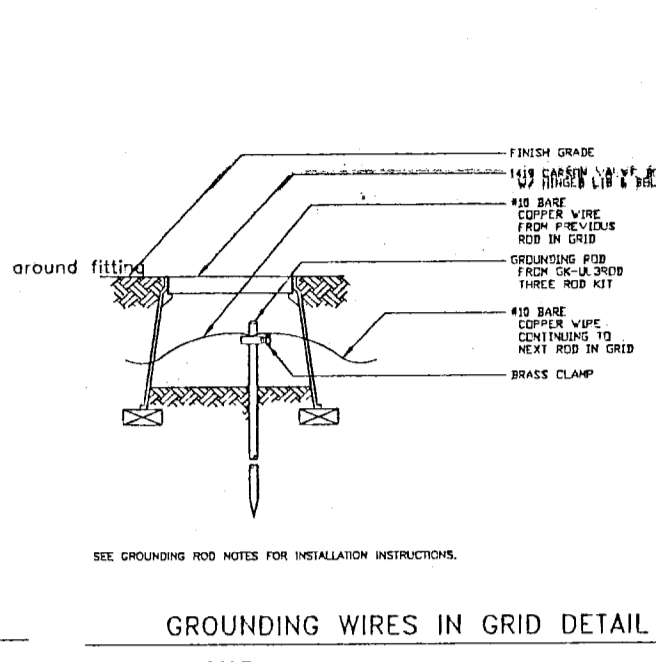
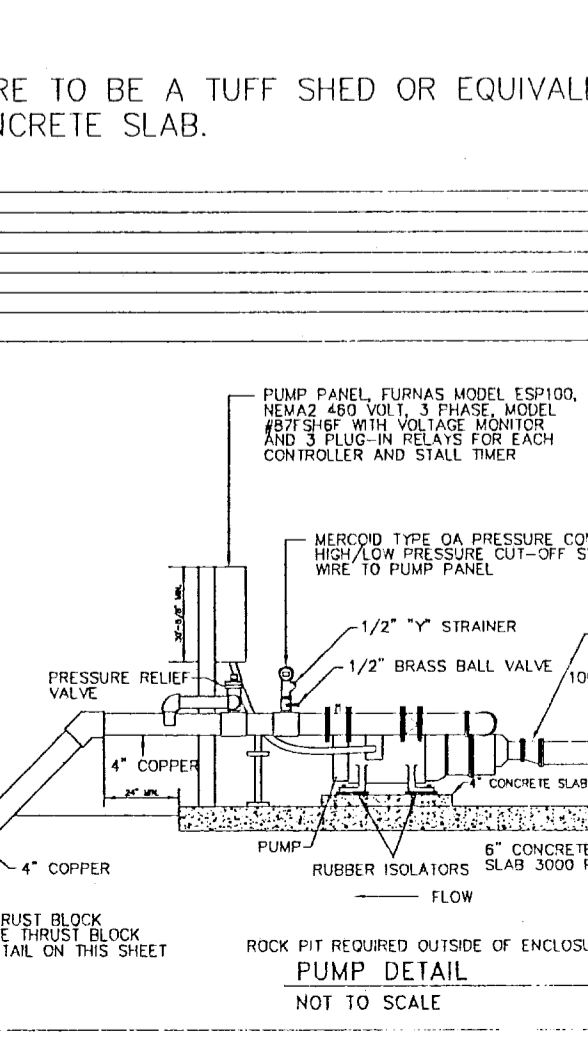
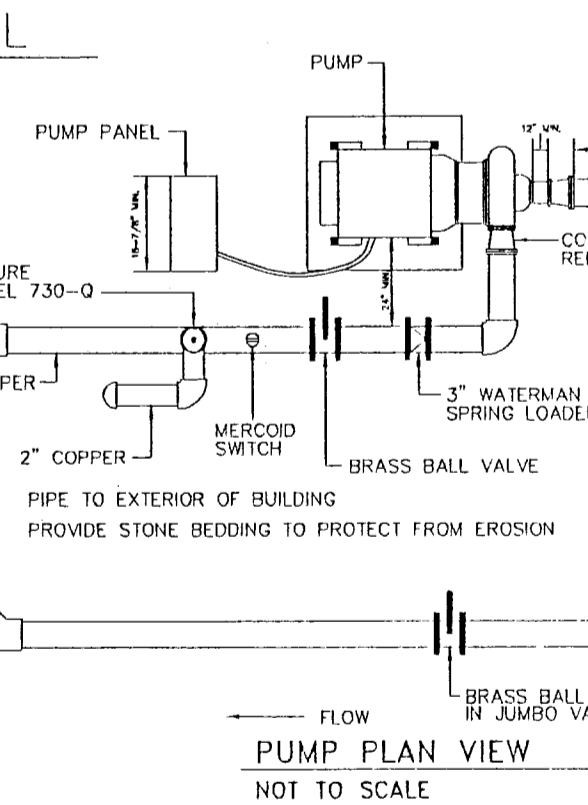
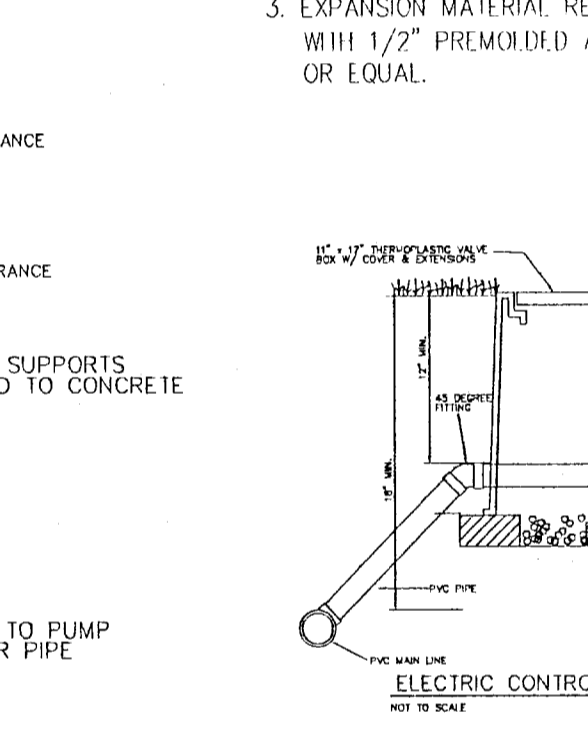
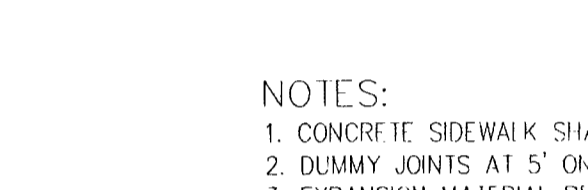
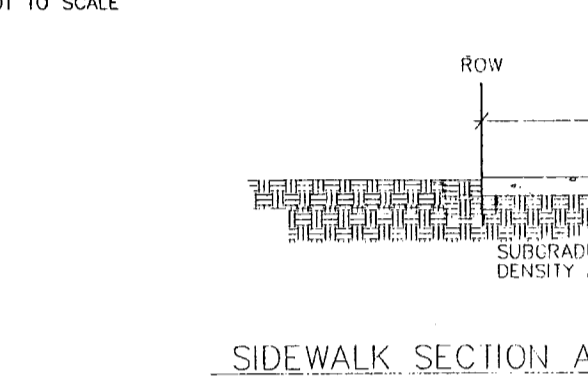
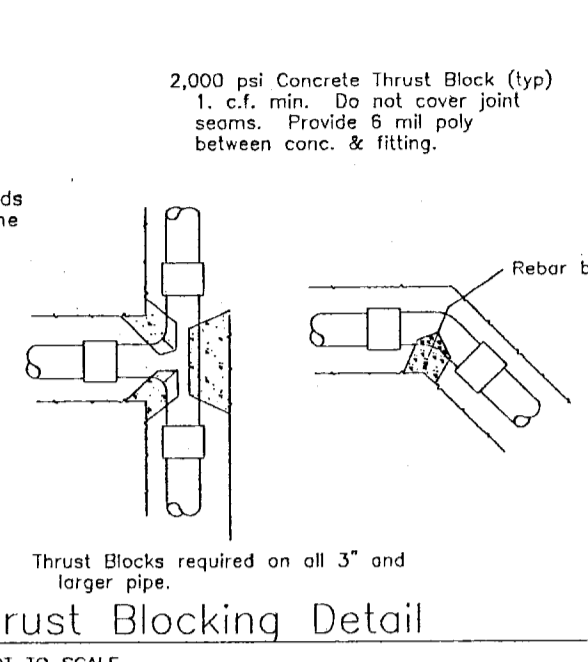
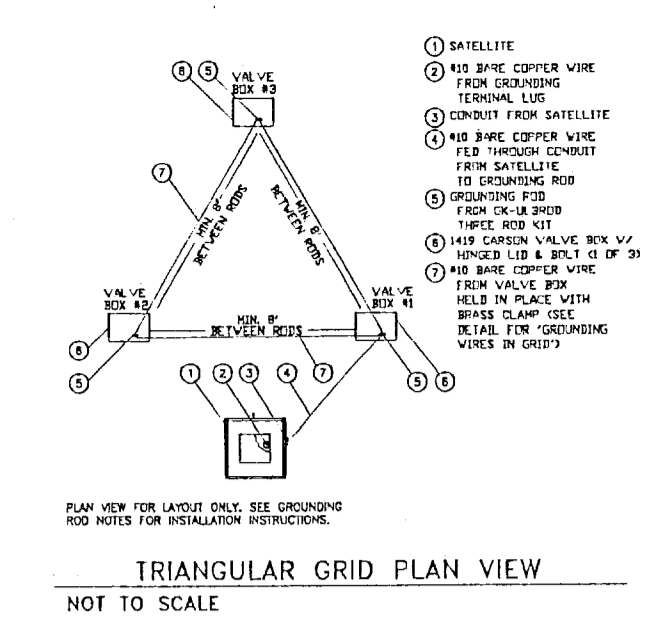
GENERAL NOTES

- 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 between controller 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 finish grade.
- All electrical valves shall be installed in plastic valve boxes with locking covers. Valve boxes shall be manufactured by Carson Industries, model series 1419 box with 1419-2B hinged cover, bolt down.
- All electrical valves shall be installed in plastic valve boxes with locking covers. Valve boxes shall be manufactured by Carson Industries, model series 1419 box with 1419-2B hinged cover, bolt down.
- Actual conditions in the field may necessitate adding or adjusting heads to insure uniform coverage and distribution, contractor shall be responsible for field changes with Landscape Designer, Licensed Irrigator and Parks Dept.
- 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 as 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 tagged 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 within right-of-way for clarity only.
- Each irrigation controller shall have an independent common wire of any other irrigation controller.
- All trenching shall be a 10"-6" min. distance from the center of the trunk of any tree.
- 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 buried, color coded and all connections shall be waterproofed. Provide expansion coils 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 sleeves. 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 wrapped and taped with 4 mil plastic.
- Contractor shall fine tune and adjust the irrigation system so that no water/spray will run onto street, walks, or hit any buildings, walls, etc. This shall include adjusting heads, nozzles, spray arcs, nozzles, etc.
- Contractor shall provide the owner with as-built drawings on mylar prior to approval of final payment.
- Use only Lasco fitting on all 45's and tees.
- Remove netting from sod during installation.



GROUNDING ROD NOTES:

- GROUNDING RODS SERVE AS ELECTRODES FOR SURGE DEVICES TO DISSIPATE THE SURGE INTO THE EARTH. REMEMBER THESE IPS WHEN INSTALLING THEM.
- ALWAYS USE A 5/8-INCH X 8-FOOT COPPER CLAD ROD.
- RUN A #10 OR LARGER BARE COPPER WIRE FROM THE DEVICE TO THE ROD.
- KEEP THE GROUND WIRES AS SHORT AND STRAIGHT AS POSSIBLE FROM THE DEVICE TO THE FIRST ROD.
- CLAMP ALL WIRES TO THE GROUNDING ROD. DO NOT SCREW OR BARE THEM TO THE ROD.
- ALWAYS USE A SEPARATE CLAMP TO ATTACH EACH WIRE TO A ROD.
- TO INSTALL GROUNDING ROD, USE GK-TOOLS ROD DRIVING SLEEVE.
- SPACE THREE RODS IN A TRIANGULAR GRID AT LEAST 8 FEET APART FROM THE OTHERS IN THE GRID. CONNECT ALL THREE RODS WITH A SOLID #10 COPPER WIRE.
- WHEN TESTED WITH THE PROPER EQUIPMENT, GRODS SHOULD HAVE AN EARTH RESISTANCE NO GREATER THAN 10 OHMS.
- WHETHER MORE THAN ONE WIRE IS ATTACHED TO A GROUNDING ROD ALWAYS USE A SEPARATE CLAMP FOR EACH WIRE. THREE TO NINE WIRE MORE THAN ONE WIRE PER CLAMP COULD CAUSE A POOR CONNECTION RESULTING IN HIGH RESISTANCE LEVELS.



REFERENCES - BENCHMARKS

PROJECT NAME
 14341 EAST CAVE AVE.
 LOT 1, BLOCK 288,
 TERRA DEL ESTE UNIT SIXTY FOUR
 IRRIGATION AND DETAILS PLAN
 359,014.47 Sq. Ft./8.241 Ac. (Back of curb)

SCALE
 Horiz. SCALE 1"=40'
 Vert. SCALE 1"=4'

DATE
 July 2009

DESIGN BY
 SWLDS INC.

DRAWN BY
 SWLDS INC.

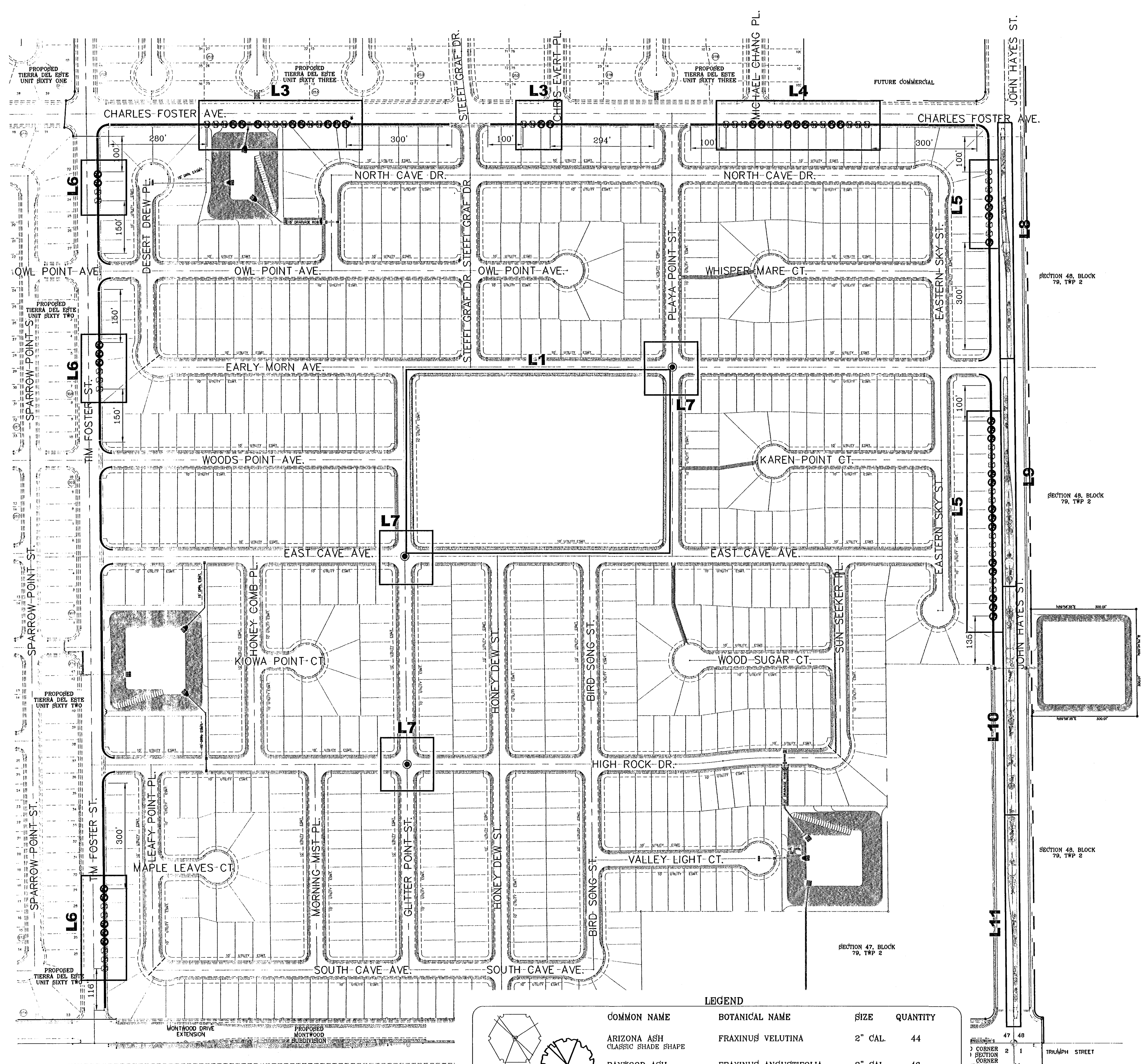
CHECK BY
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DATE
 12/06/10

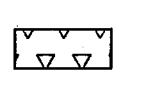
SWLDS INC.
 Southwest Land Development Services, Inc.
 1790 LEE TRIVINO DR. SUITE 601
 EL PASO, TEXAS 79936

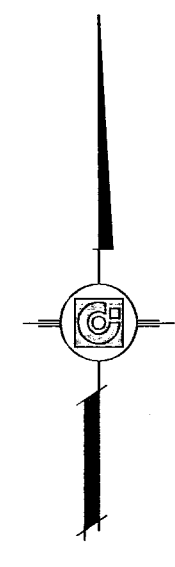
SHEET TITLE
 L1.1
 IRRIGATION
 & DETAILS
 SHEET L1 OF 1

103176



LEGEND

COMMON NAME	BOTANICAL NAME	SIZE	QUANTITY
ARIZONA ASH CLASSIC SHADE SHAPE	FRAXINUS VELUTINA	2" CAL.	44
RAYWOOD ASH Q TIPPED SHAP	FRAXINUS ANGUSTIFOLIA	2" CAL.	46
	3/4" PADRE CANYON SCREENING, 3" DEPTH W/ NON-WOVEN POLYPROPYLENE WEED BARRIER FABRIC TO BE PINNED DOWN AT 3' ON CENTER EACH WAY & AT 12" ON CENTER ALONG PERIMETER, OVERLAP MIN. 12" AT SEAMS		



BENCHMARK

NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED BY: 1116
ELEVATION: 3867.12

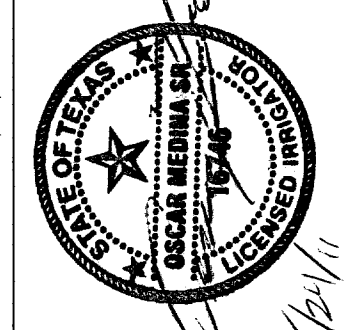
DATE	REVISIONS	BY

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

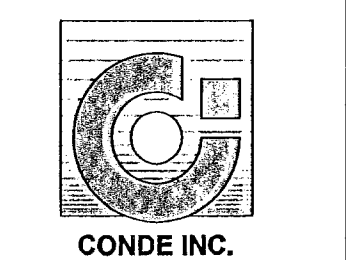
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 139.766 ACRES

SCALE
HORIZ: N.T.S.
VERT: ---

DATE: MAY 2011
DESIGN BY: O.M.
INITIATED BY: O.M.
CHECKED BY: Y.C.
JOB NO.: 308-85



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE. 400
EL PASO, TEXAS 79908

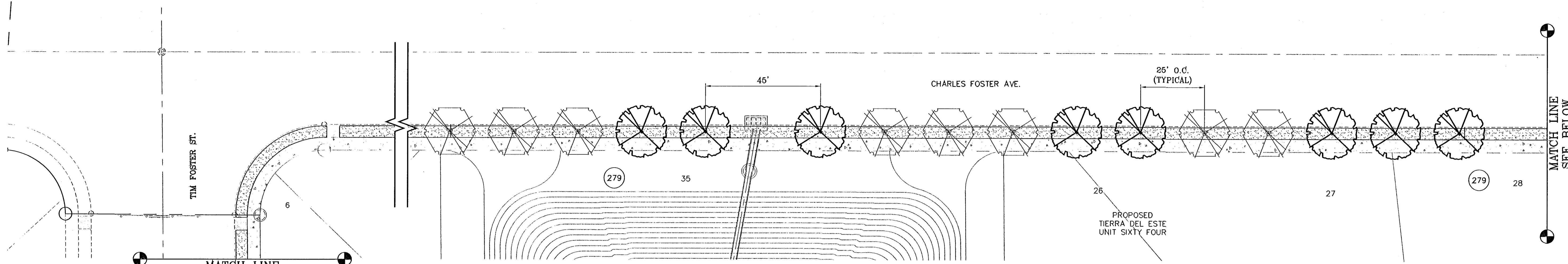


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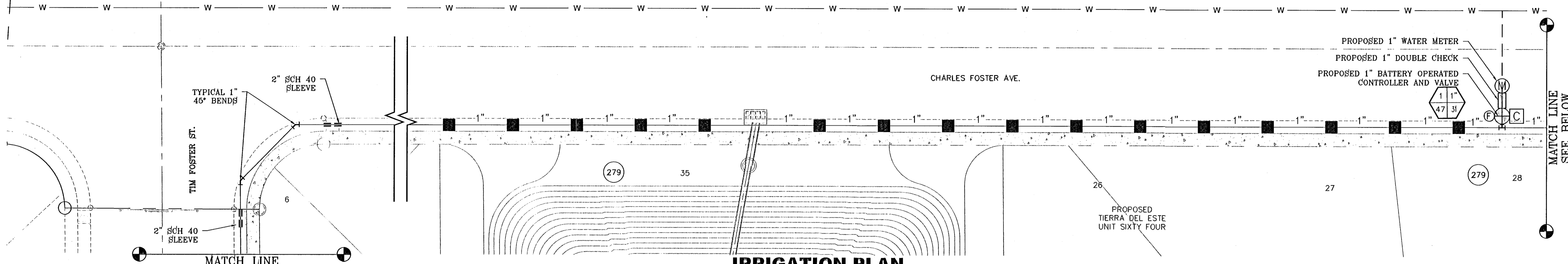
KEY MAP

103176

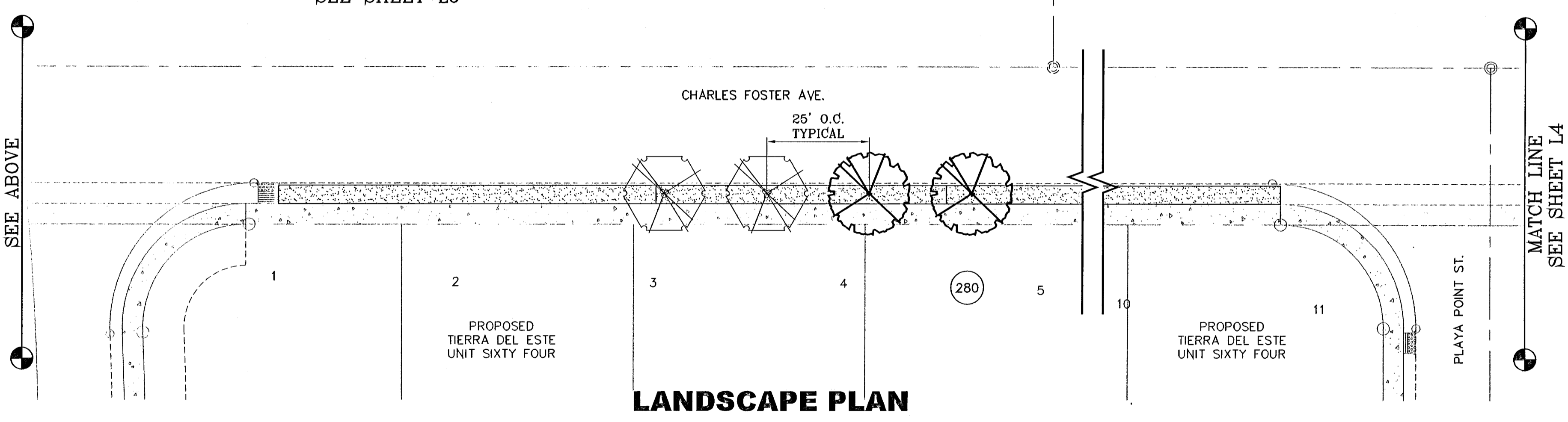
TIERRA DEL ESTE UNIT SIXTY FOUR



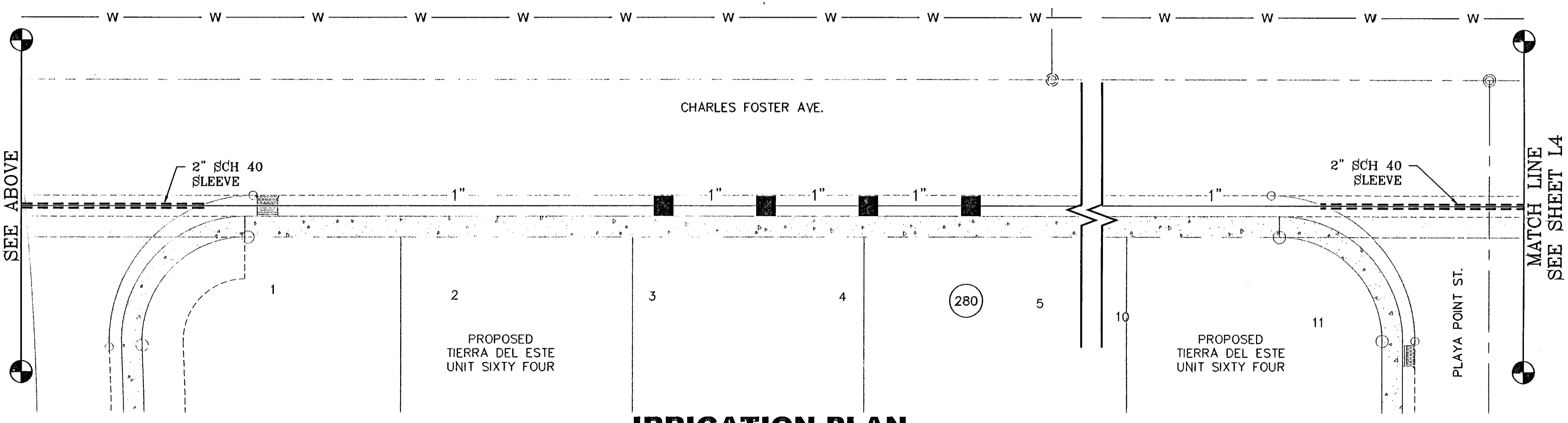
LANDSCAPE PLAN



IRRIGATION PLAN



LANDSCAPE PLAN



IRRIGATION PLAN

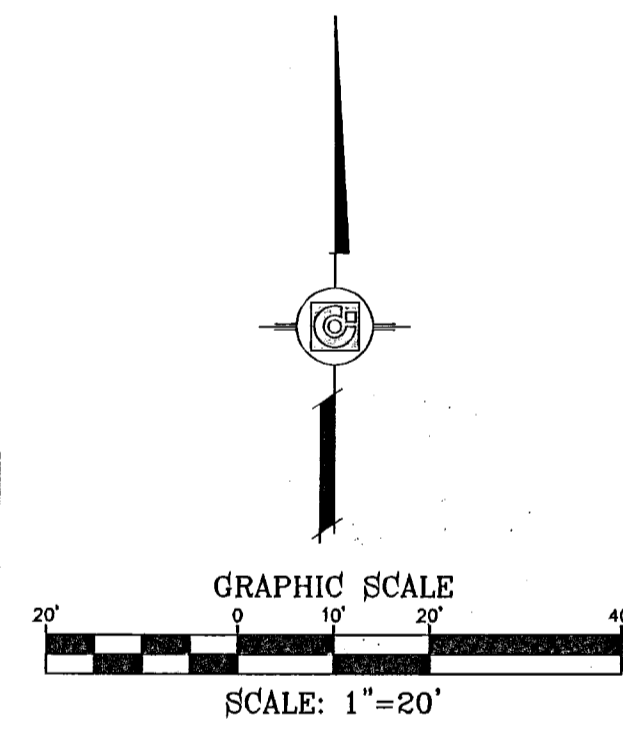
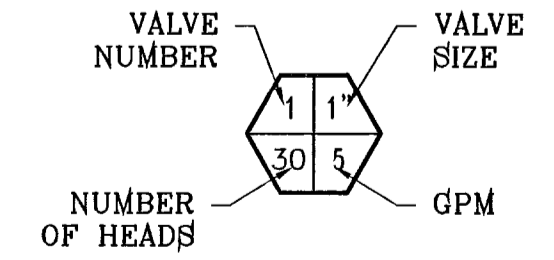
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COMMON NAME	BOTANICAL NAME	SIZE	QUANTITY
ARIZONA ASH CLASSIC SHADE SHAPB	FRAXINUS VELUTINA	2" CAL.	44
RAYWOOD ASH Q TIPPED SHAPE	FRAXINUS ANGSTIFOLIA	2" CAL.	46

3/4" PADRE CANYON SCREENING, 3" DEPTH W/ NON-WOVEN POLYPROPYLENE WEED BARRIER FABRIC TO BE PINNED DOWN AT 3" ON CENTER EACH WAY & AT 12" ON CENTER ALONG PERIMETER, OVERLAP MIN. 12" AT SEAMS

LEGEND

- BOUNDARY LINE
- TYPE K 3" COPPER WATER TUBE
- 1" PVC SCHEDULE 40 WATER MAIN
- 1" PVC SCHEDULE 40 WATER LATERAL
- 2" SCH 40 SLEEVE (TWICE THE SIZE OF PIPE)
- ⊕ 1" WATER METER BY DEVELOPER
- ⊕ PROPOSED UNDERGROUND DOUBLE CHECK BACKFLOW PREVENTOR
- ⊕ TBOJ CONTROL MODULE
- ⊕ 1" REMOTE CONTROL VALVE
- ⊕ PVC BALL VALVE (SAME SIZE AS PIPING)
- ⊕ XERIBIRD 8 EMITTER
- ⊕ PIPE SIZE (SIZE AS NOTED)
- ⊕ STUB OUT WITH FOR FUTURE DRIP
- ⊕ ISOLATION BRASS BALL VALVE
- ⊕ AMIAD 1" WYE FILTER & WILKINS 600 SERIES PRESSURE REGULATOR



BENCHMARK

NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED BY "LTD" "C0141"
ELEVATION: 3987.12

REVISIONS

DATE

BY

**TERRA DEL ESTE
UNIT SIXTY FOUR**

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF COCKFIELD, TEXAS,
CONTAINING 159.786 ACRES

SCALE
HORIZ: 1" = 20'
VERT: ---

DATE: MAY 2011
DESIGN BY: O.M.
INITIATED BY: O.M.
CHECKED BY: Y.C.
JOB NO.: 308-85

IRRIGATOR'S SEAL

CONDE INC.

ENGINEERING / PLANNING
SURVEYING / GPS

1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936

SHEET TITLE

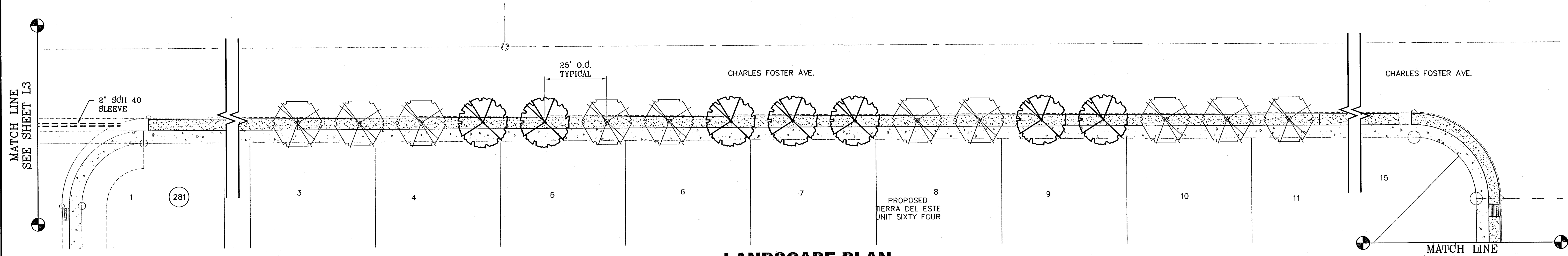
**CHARLES
FORSTER AVE
LANDSCAPE AND
IRRIGATION**

103176

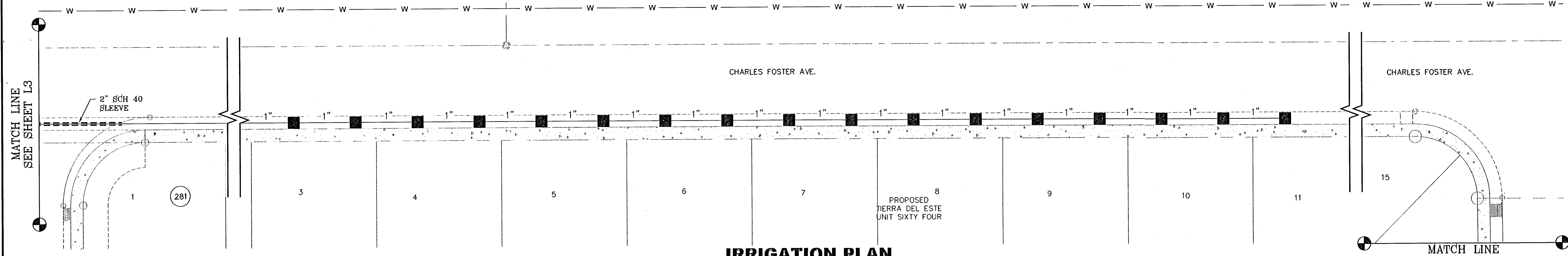
IRRIGATION IS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, P.O. BOX 13087, AUSTIN, TX 78711-308, (512) 239-6719

SHT L3 OF 12

TERRA DEL ESTE UNIT SIXTY FOUR



LANDSCAPE PLAN



IRRIGATION PLAN

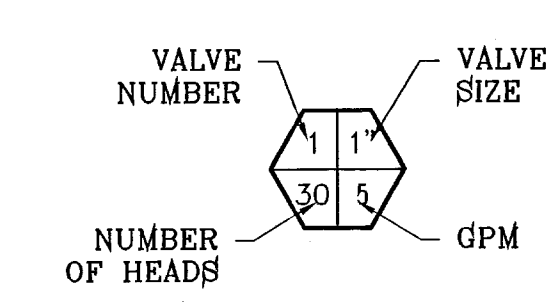
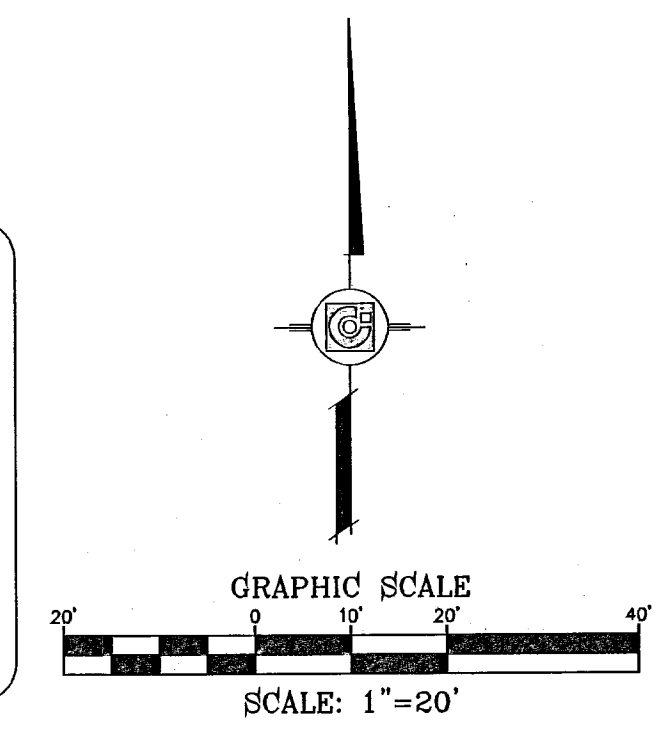
LEGEND

COMMON NAME	BOTANICAL NAME	SIZE	QUANTITY
ARIZONA ASH CLASSIC SHADE SHAPE	FRAXINUS VELUTINA	2" CAL.	44
RAYWOOD ASH Q TIPPED SHAPE	FRAXINUS ANGSTIFOLIA	2" CAL.	46

3/4" PADRE CANYON SCREENING, 3" DEPTH W/ NON-WOVEN POLYPROPYLENE WEED BARRIER FABRIC TO BE PINNED DOWN AT 3' ON CENTER EACH WAY & AT 12" ON CENTER ALONG PERIMETER. OVERLAP MIN. 12" AT SEAMS

LEGEND

---	BOUNDARY LINE
---	TYPE K 3" COPPER WATER TUBE
---	1" PVC SCHEDULE 40 WATER MAIN
---	1" PVC SCHEDULE 40 WATER LATERAL
---	2" SCH 40 SLEEVE (TWICE THE SIZE OF PIPE)
(M)	1" WATER METER BY DEVELOPER
(C)	PROPOSED UNDERGROUND DOUBLE CHECK BACKFLOW PREVENTOR
(C)	TBOS CONTROL MODULE
(+)	1" REMOTE CONTROL VALVE
(X)	PVC BALL VALVE (SAME SIZE AS PIPING)
(■)	XERIBIRD 8 EMMITER
(1")	PIPE SIZE (SIZE AS NOTED)
(T)	STUB OUT WITH FOR FUTURE DRIP
(X)	ISOLATION BRASS BALL VALVE
(C)	AMIAD 1" WYE FILTER & WILKINS 600 SERIES PRESSURE REGULATOR



BENCHMARK

NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATION: "CE014"
ELEVATION: 8867.12

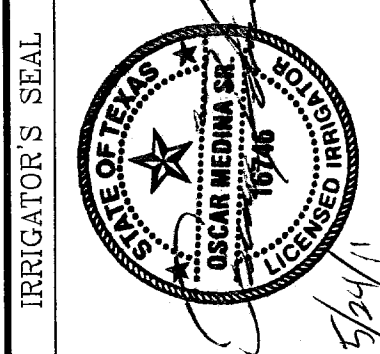
DATE	REVISIONS	BY

PROJECT NAME
TERRA DEL ESTE UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 138.86 ACRES

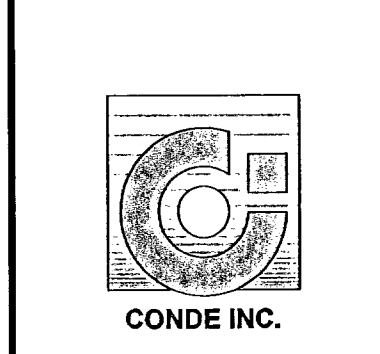
SCALE
HORIZ: 1" = 20'
VERT: ---

DATE: MAY 2011
DESIGN BY: O.M.
INITIATED BY: O.M.
CHECKED BY: Y.C.
JOB NO.: 308-85



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS

1790 LEE FRYING ST. 400
EL PASO, TEXAS 79906

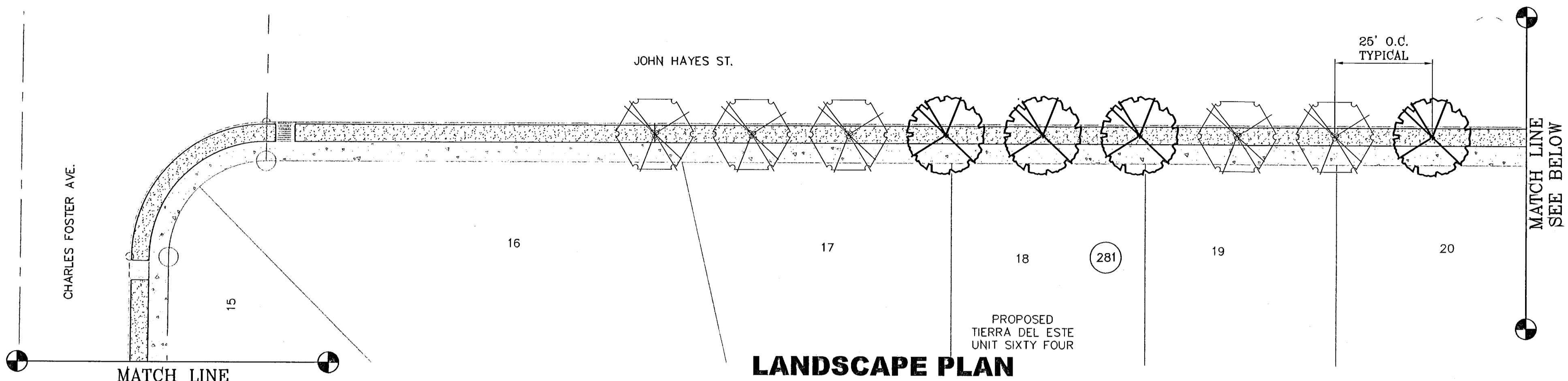


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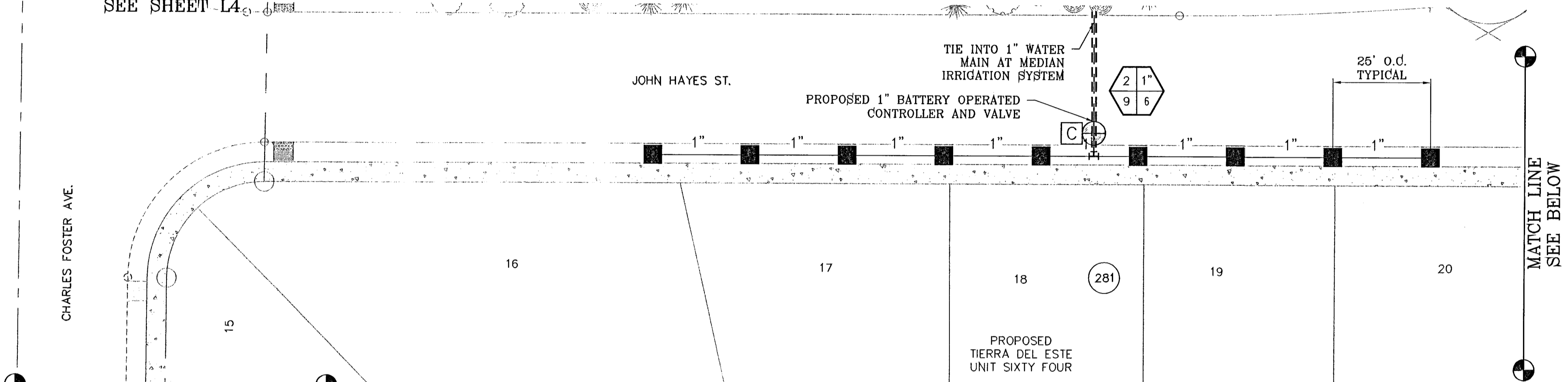
CHARLES FORSTER AVE LANDSCAPE AND IRRIGATION

103176

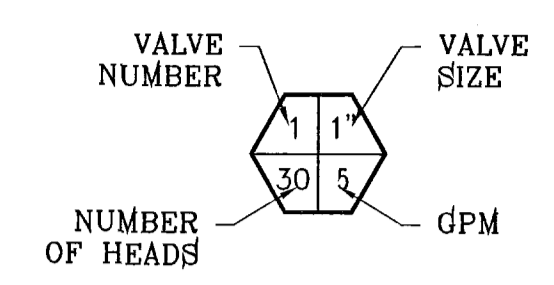
IRRIGATION IS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, P.O. BOX 13087, AUSTIN, TX 78711-308, (512) 239-6719



LANDSCAPE PLAN



IRRIGATION PLAN



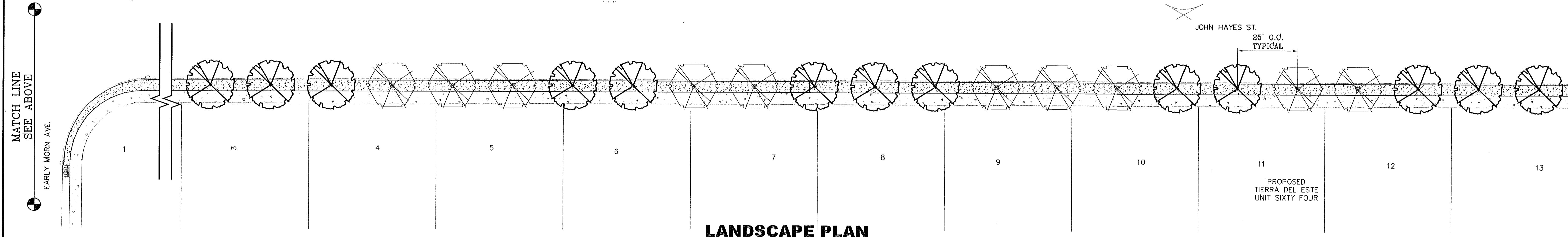
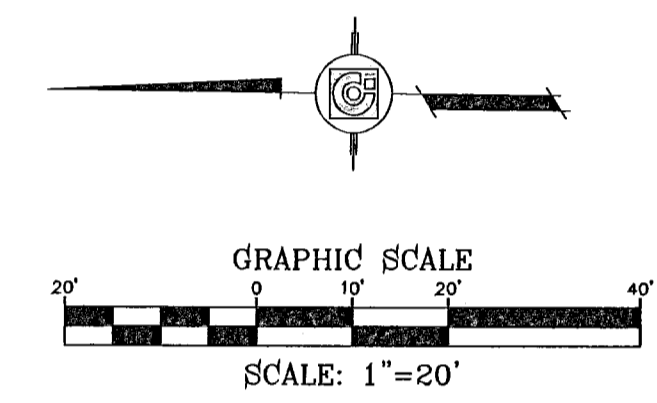
LEGEND

COMMON NAME	BOTANICAL NAME	SIZE	QUANTITY
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RAYWOOD ASH Q TIPPED SHAPE	FRAXINUS ANGUSTIFOLIA	2" CAL.	46

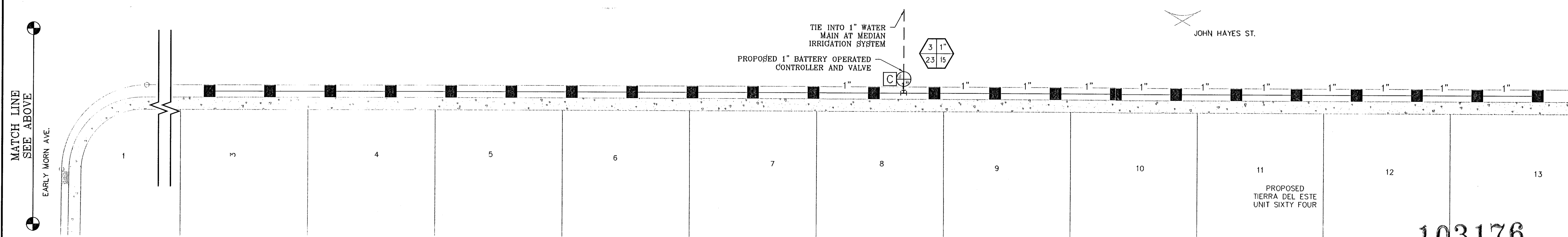
3/4" PADRE CANYON SCREENING, 3" DEPTH W/ NON-WOVEN POLYPROPYLENE WEED BARRIER FABRIC TO BE PINNED DOWN AT 3' ON CENTER EACH WAY & AT 12" ON CENTER ALONG PERIMETER, OVERLAP MIN. 12" AT SEAMS

LEGEND

---	BOUNDARY LINE
---	TYPE K 3" COPPER WATER TUBE
---	1" PVC SCHEDULE 40 WATER MAIN
---	1" PVC SCHEDULE 40 WATER LATERAL
---	2" SCH 40 SLEEVE (TWICE THE SIZE OF PIPE)
⊙	1" WATER METER BY DEVELOPER
⊕	PROPOSED UNDERGROUND DOUBLE CHECK BACKFLOW PREVENTOR
⊗	TBOS CONTROL MODULE
⊕	1" REMOTE CONTROL VALVE
⊗	PVC BALL VALVE (SAME SIZE AS PIPING)
■	XERIBIRD 8 EMMITER
⊕	PIPE SIZE (SIZE AS NOTED)
⊕	STUB OUT WITH FOR FUTURE DRIP
⊕	ISOLATION BRASS BALL VALVE
⊕	AMIAID 1" WYE FILTER & WILKINS 600 SERIES PRESSURE REGULATOR



LANDSCAPE PLAN



IRRIGATION PLAN

BENCHMARK

NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED: X 1118 - PID: CE0141
ELEVATION: 5987.12

DATE

REVISIONS

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

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 158.768 ACRES

S C A L E

HORIZ: #####

VERT: ---

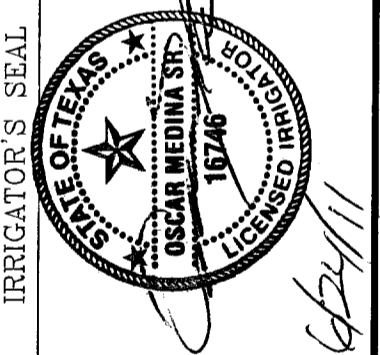
DATE: MAY 2011

DESIGN BY: O.M.

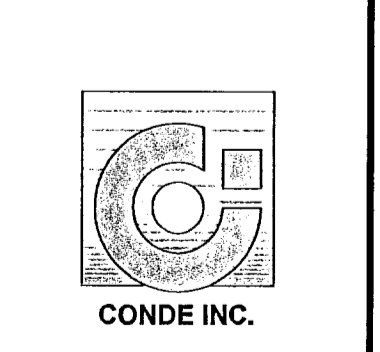
INITIATED BY: O.M.

CHECKED BY: Y.C.

JOB NO.: 308-85



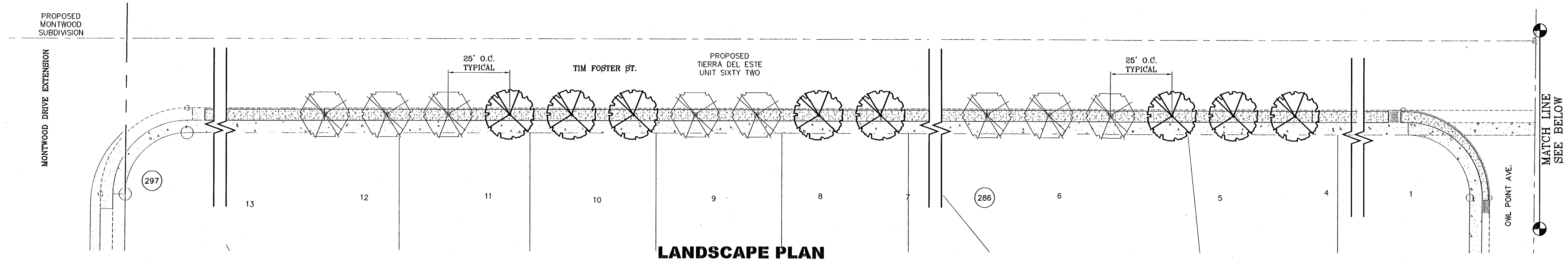
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936



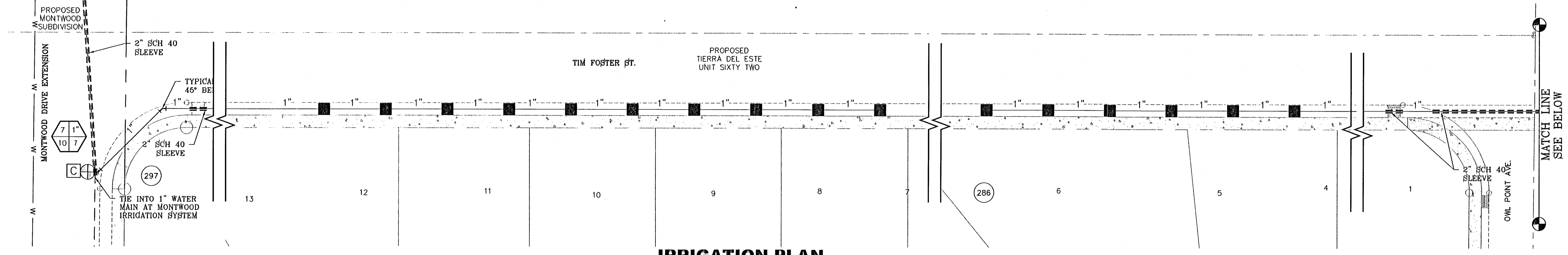
SHEET TITLE
**JOHN HAYES ST
LANDSCAPE AND
IRRIGATION**

103176

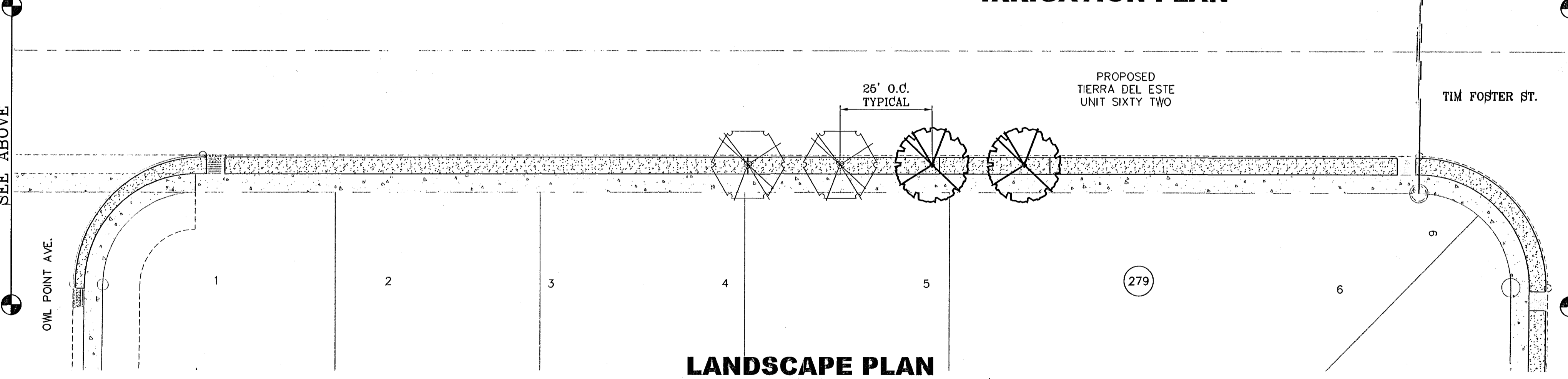
TIERRA DEL ESTE UNIT SIXTY FOUR



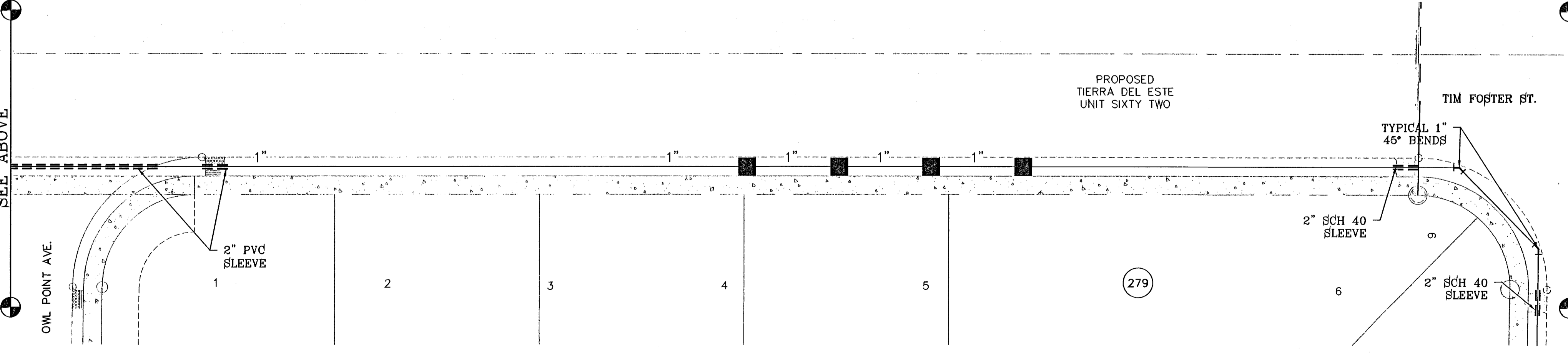
LANDSCAPE PLAN



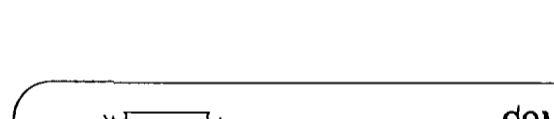
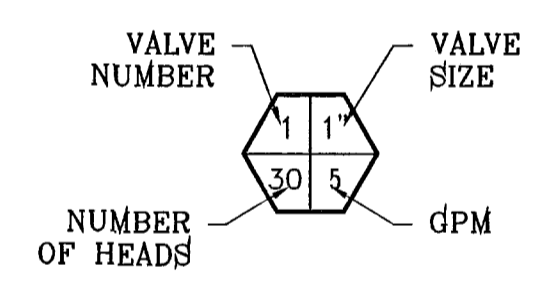
IRRIGATION PLAN



LANDSCAPE PLAN



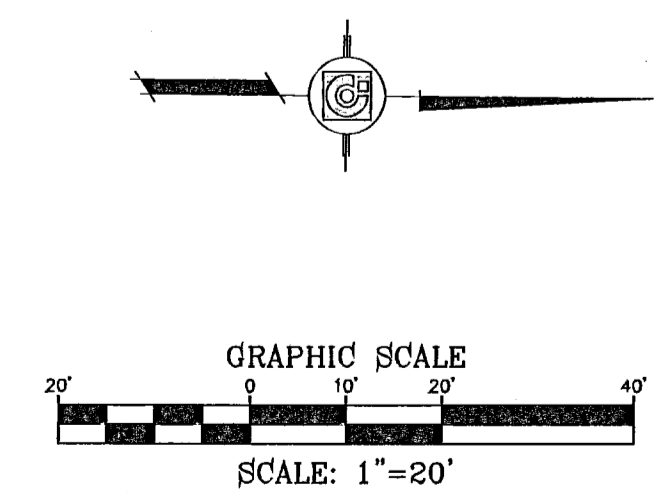
IRRIGATION PLAN



COMMON NAME	BOTANICAL NAME	SIZE	QUANTITY
ARIZONA ASH CLASSIC SHADE SHAPE	FRAXINUS VELUTINA	2" CAL.	44
RAYWOOD ASH Q TIPPED SHAPE	FRAXINUS ANGUSTIFOLIA	2" CAL.	46

3/4" PADRE CANYON SCREENING, 3" DEPTH W/ NON-WOVEN POLYPROPYLENE WEED BARRIER FABRIC TO BE PINNED DOWN AT 3' ON CENTER EACH WAY & AT 12" ON CENTER ALONG PERIMETER, OVERLAP MIN. 12" AT SEAMS

SYMBOL	DESCRIPTION
---	BOUNDARY LINE
----	TYPE K 3" COPPER WATER TUBE
-----	1" PVC SCHEDULE 40 WATER MAIN
- - - - -	1" PVC SCHEDULE 40 WATER LATERAL
----	2" SCH 40 SLEEVE (TWICE THE SIZE OF PIPE)
(M)	1" WATER METER BY DEVELOPER
(P)	PROPOSED UNDERGROUND DOUBLE CHECK BACKFLOW PREVENTOR
(C)	TBOS CONTROL MODULE
(R)	1" REMOTE CONTROL VALVE
(V)	PVC BALL VALVE (SAME SIZE AS PIPING)
(X)	XERIBIRD 8 EMMITER
(S)	PIPE SIZE (SIZE AS NOTED)
(F)	STUB OUT WITH FOR FUTURE DRIP
(B)	ISOLATION BRASS BALL VALVE
(W)	AMIAID 1" WYE FILTER & WILKINS 600 SERIES PRESSURE REGULATOR



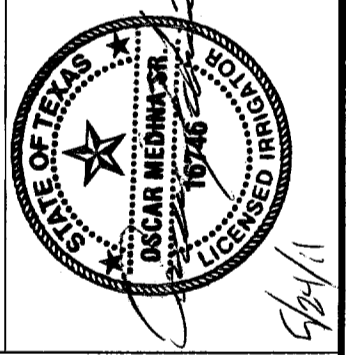
103176

IRRIGATION IS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, P.O. BOX 13087, AUSTIN, TX 78711-308, (512) 239-6719

BENCHMARK	NGS MARKER, COPPER-CLAD STEEL ROD DESIGNATED BY "18" WITH "C0141" ELEVATION: 3987.12
DATE	
REVISIONS	
BY	

**TIERRA DEL ESTE
UNIT SIXTY FOUR**
BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
COUNTY OF EL PASO, TEXAS.
CONTAINING 169.786 ACRES

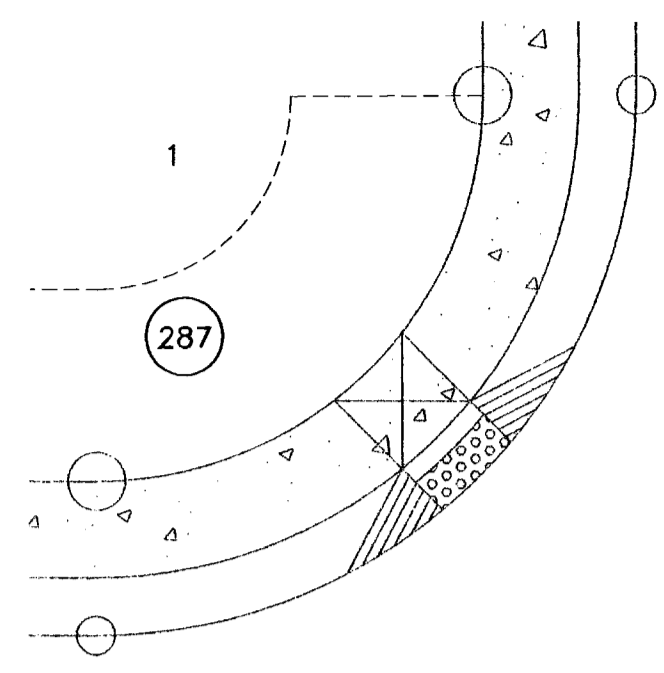
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HORIZ: 1" = 20'
VERT: ---
DATE: MAY 2011
DESIGN BY: O.M.
INITIATED BY: O.M.
CHECKED BY: Y.C.
JOB NO.: 308-86



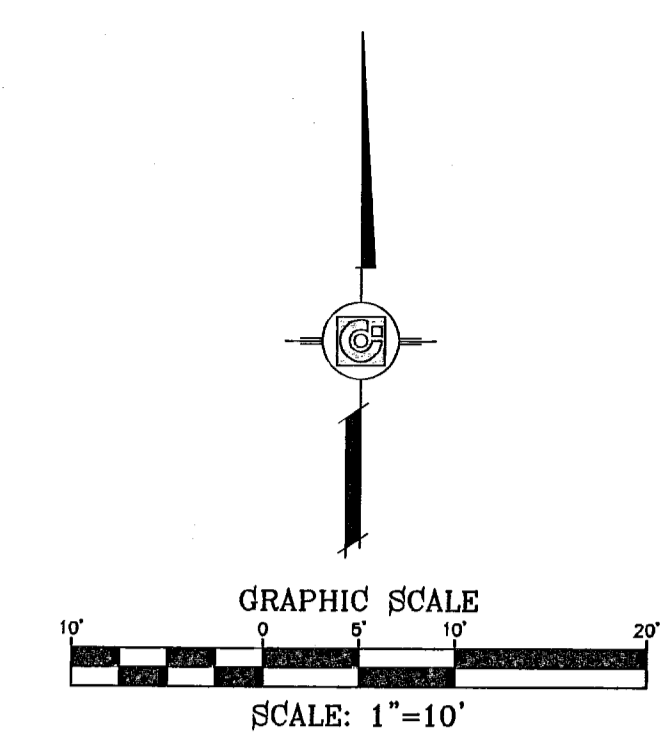
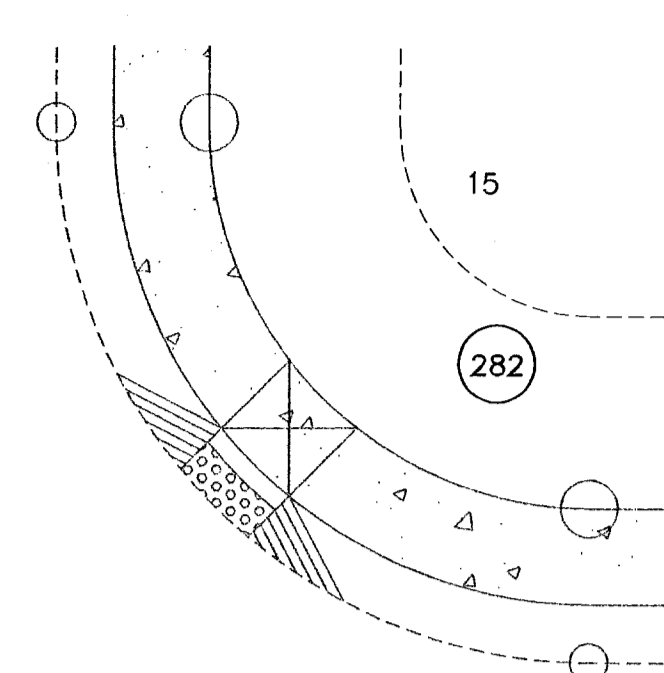
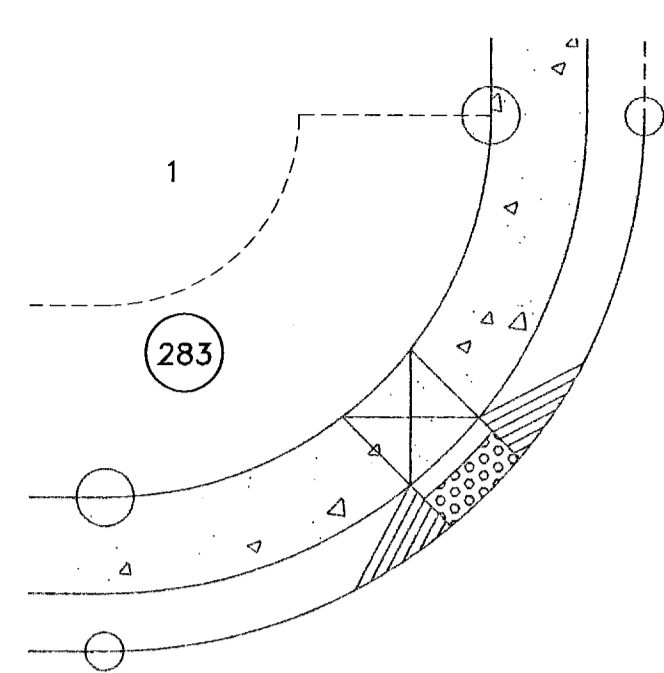
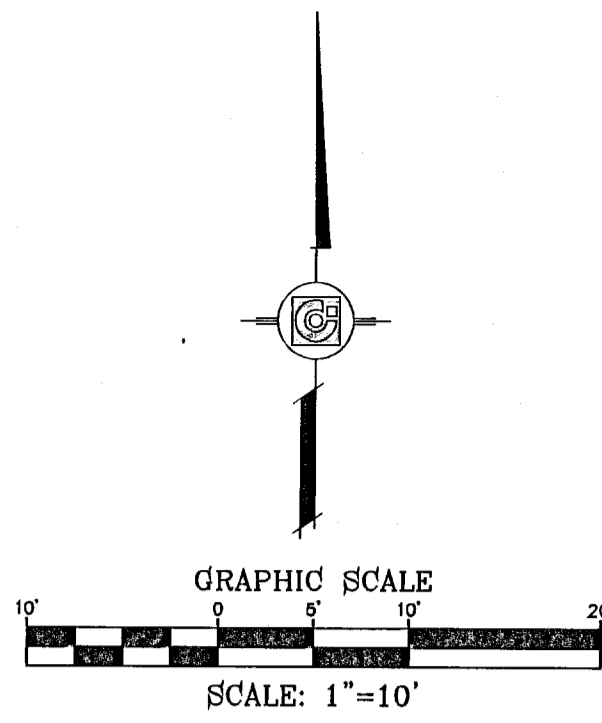
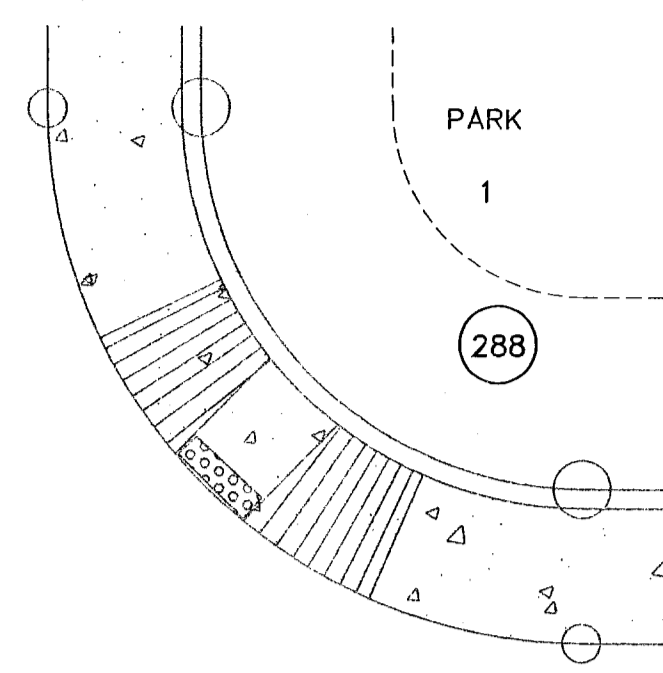
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936



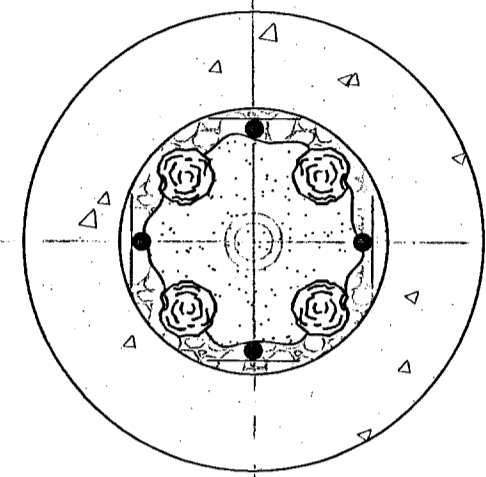
SHEET TITLE
**TIM FOSTER ST.
LANDSCAPE AND
IRRIGATION**



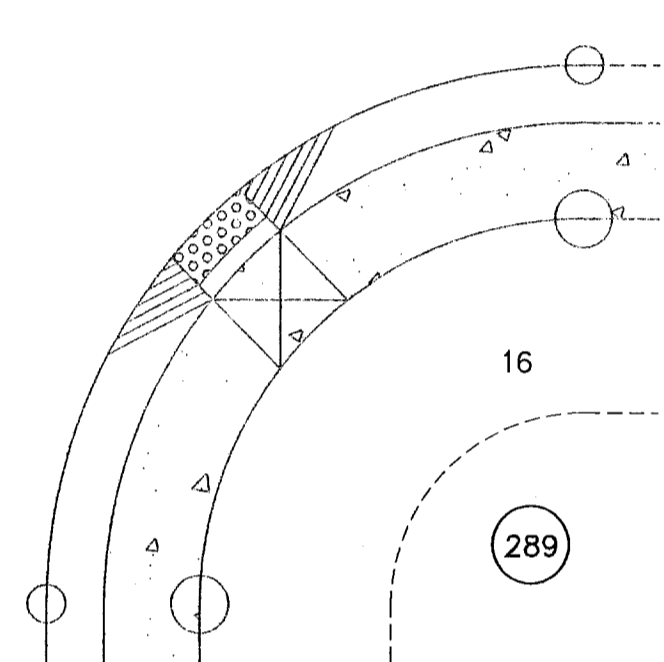
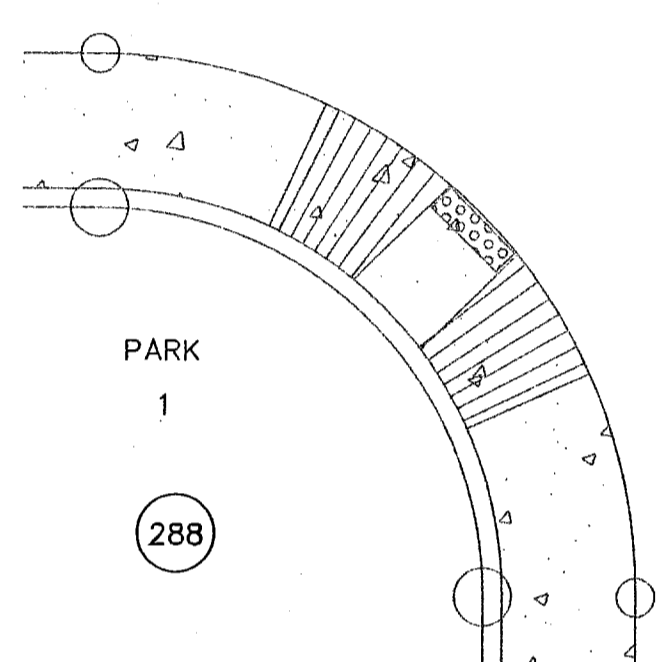
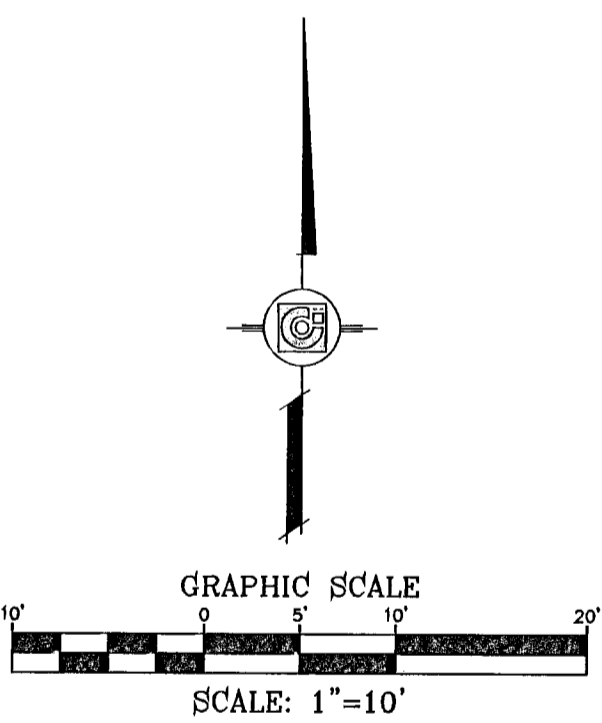
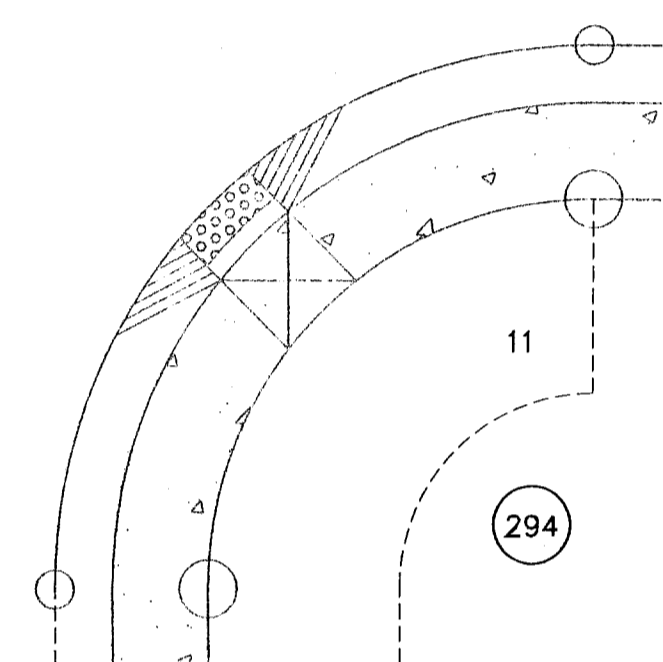
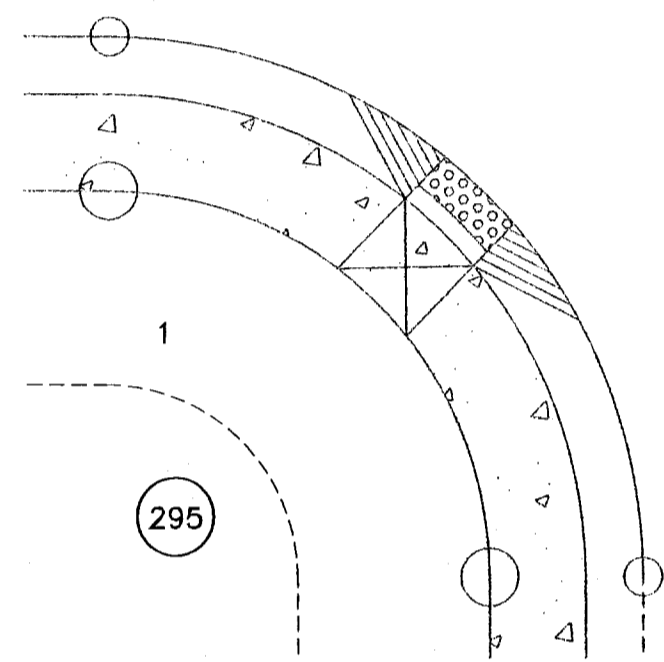
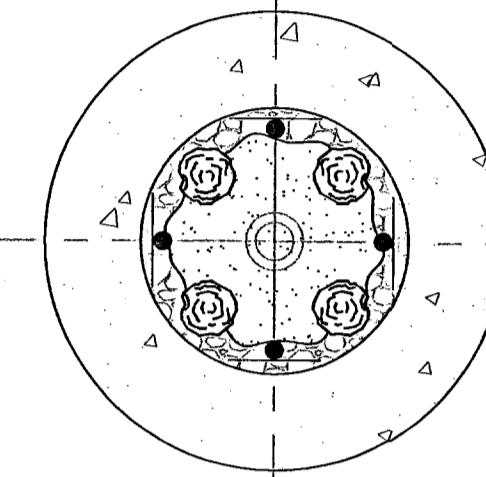
GLITTER POINT ST.



EAST CAVE AVE.



EARLY MORN AVE.



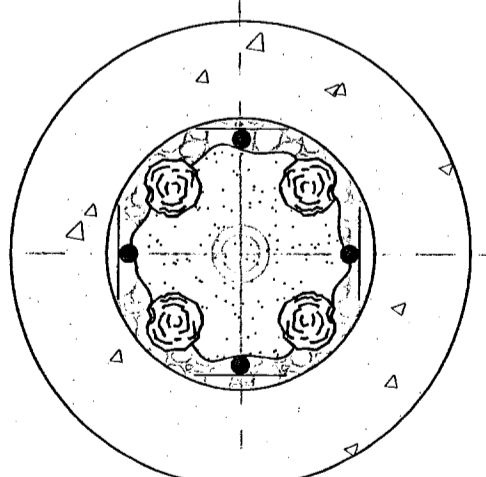
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295

294

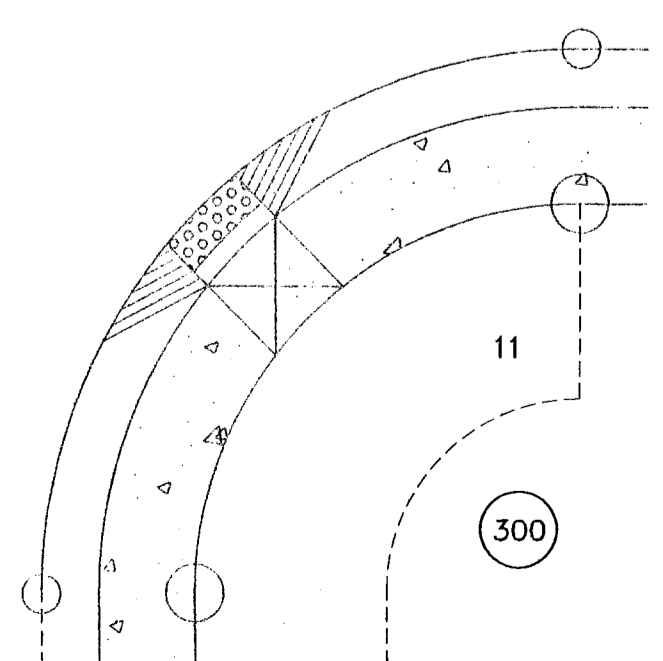
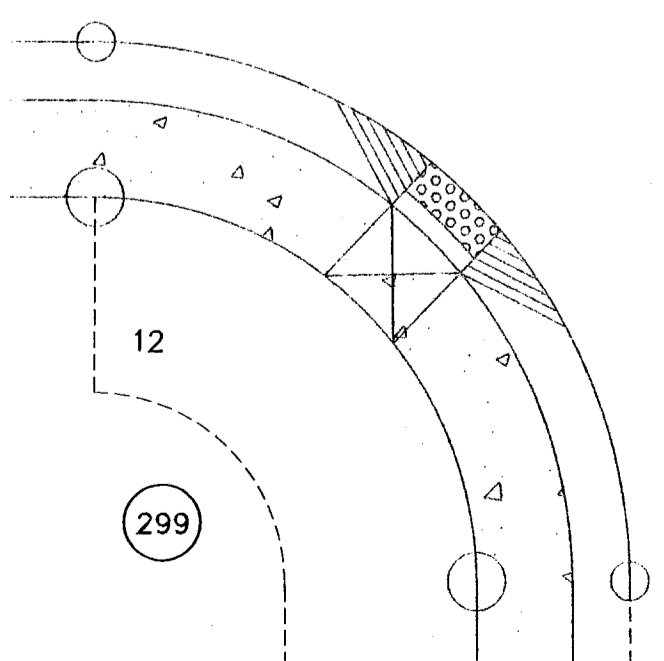
HIGH ROCK DR.

GLITTER POINT ST.



1

294



12

299

11

300

LEGEND

	3/4" PADRE CANYON SCREENING, 3" DEPTH W/ NON-WOVEN POLYPROPYLENE WEED BARRIER FABRIC TO BE PINNED DOWN AT 3' ON CENTER EACH WAY & AT 12" ON CENTER ALONG PERIMETER, OVERLAP MIN. 12" AT SEAMS
	RIVER ROCK
	FRANKLIN RED BOULDER

103176

IRRIGATION IS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, P.O. BOX 13087, AUSTIN, TX 78711-308, (512) 239-6719

TIERRA DEL ESTE UNIT SIXTY FOUR

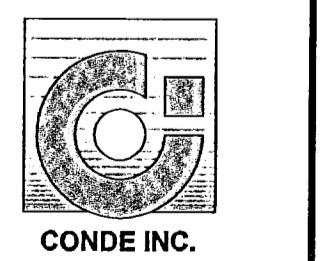
BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATED X 1118-PID "C0141"
 ELEVATION : 3867.12

PROJECT NAME
**TIERRA DEL ESTE
 UNIT SIXTY FOUR**
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
 EL PASO, EL PASO COUNTY, TEXAS.
 CITY OF
 CONTAINING 158.768 ACRES

SCALE
 HORIZ: 1" = 10'
 VERT: ---
 DATE: MAY 2011
 DESIGN BY: O.M.
 INITIATED BY: O.M.
 CHECKED BY: Y.C.
 JOB NO.: 308-86



CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1780 LEE TREVINO STE. 400
 EL PASO, TEXAS 79936



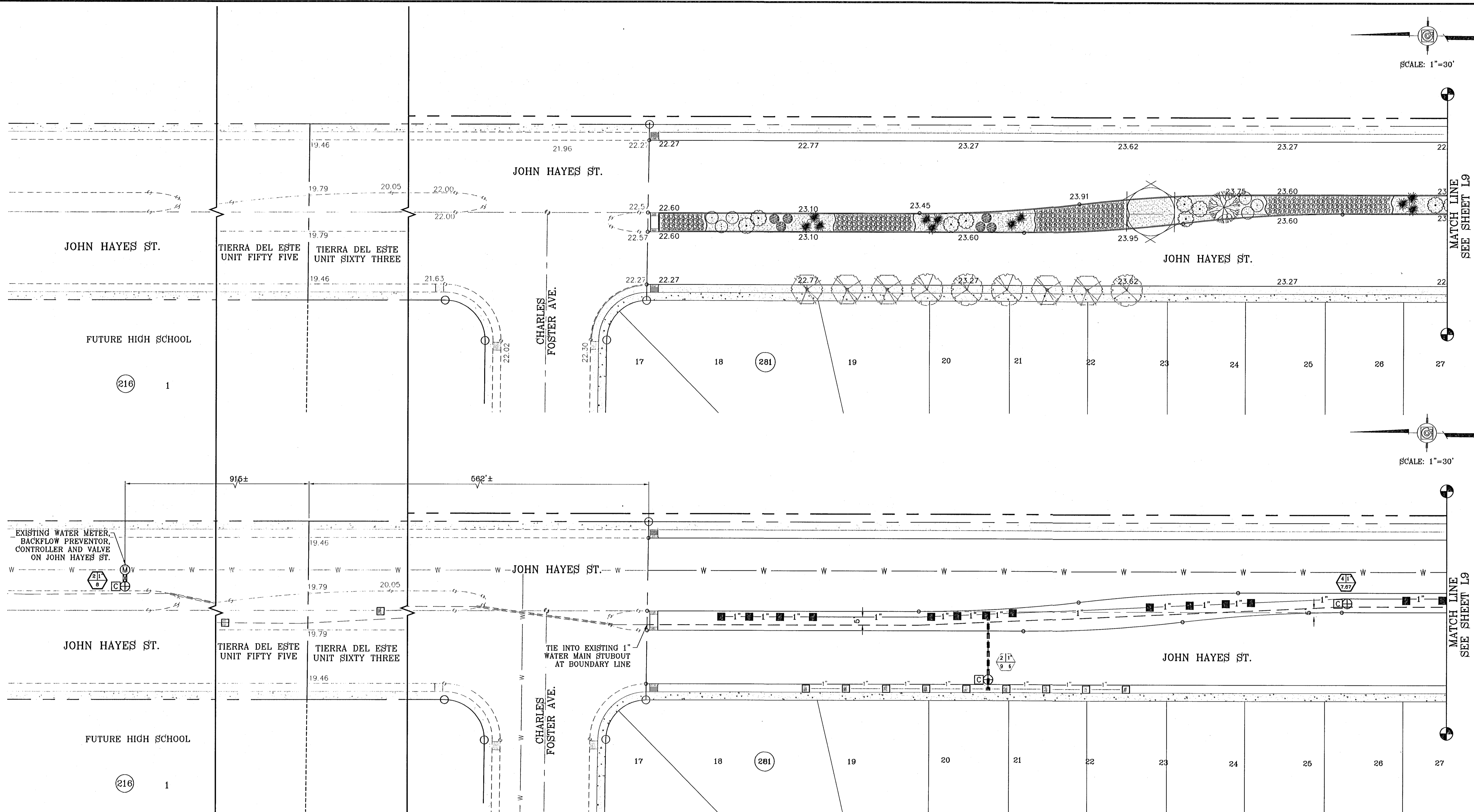
SHEET TITLE

**TRAFFIC CIRCL
 LANDSCAPE**

SHT L7 OF 12

SCALE: 1"=30'

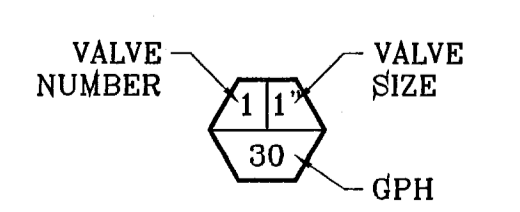
SCALE: 1"=30'



NOTE:
 WATER IS BEING SUPPLIED TO THIS IRRIGATION SYSTEM THROUGH THE WATER CONNECTION AT THE EXISTING IRRIGATION SYSTEM IN TIERRA DEL ESTE UNIT FIFTY FIVE.

IRRIGATION LEGEND

- BOUNDARY LINE
- 1" SCHEDULE 40 WATER MAIN
- PVC C-200 WATER LATERAL (SIZE AS NOTED)
- PVC SLEEVE (TWICE THE SIZE OF PIPE)
- Ⓜ EXISTING 1" WATER METER
- Ⓧ EXISTING BACKFLOW PREVENTOR
- Ⓢ TBS CONTROL MODULE
- Ⓡ 1" REMOTE CONTROL VALVE
- XERI-BIRD EMMITER
- 1/2" PIPE SIZE



LANDSCAPE LEGEND

COMMON NAME	BOTANICAL NAME	FORM	DESCRIPTION	SIZE	QUANTITY
CHINESE PISTACHE	PISTACIA CHINENSIS	TREE	DECIDUOUS	2"	6
DESERT WILLOW	CHILOPSIS LINEARIS	TREE	DECIDUOUS	2"	8
RED YUCCA	HESPERALOE PARVIFLORA	SHRUB	EVERGREEN	6 GAL.	46
AUTUMN SAGE	SALVI GREGGI	SHRUB	SEMI-EVERGREEN	6 GAL.	46
DESERT ROSEMARY	POLIOMINTHA INCANA	SHRUB	SEMI-EVERGREEN	6 GAL.	42
OLEANDER PINK	NERIUM OLEANDER	SHRUB	EVERGREEN	6 GAL.	29
RIVER ROCK		GROUND COVER		1"-3"	16,731± sq. ft.
3/4" FRANKLIN RED SCREENINGS, 3" DEPTH W/ NON-WOVEN POLYPROPYLENE WEED BARRIER FABRIC TO BE PINNED DOWN AT 3' ON CENTER EACH WAY & AT 12" ON CENTER ALONG PERIMETER, OVERLAP MIN. 12" AT SEAMS		GROUND COVER		1"-3"	26,956± sq. ft.

IRRIGATION IS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, P.O. BOX 13087, AUSTIN, TX 78711-308, (512) 239-6719

103176

TIERRA DEL ESTE UNIT SIXTY FOUR

REVISIONS

DATE	BY	REVISIONS

PROJECT NAME
 TIERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK
 NCS MARKER, COPPER-CLAD STEEL ROD DESIGNATED X 1118" BTD, "CSD141" ELEVATION: 3887.12

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 76, TOWNSHIP 2, TEXAS, AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF COCKE, TEXAS, CONTAINING 189.768 ACRES

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

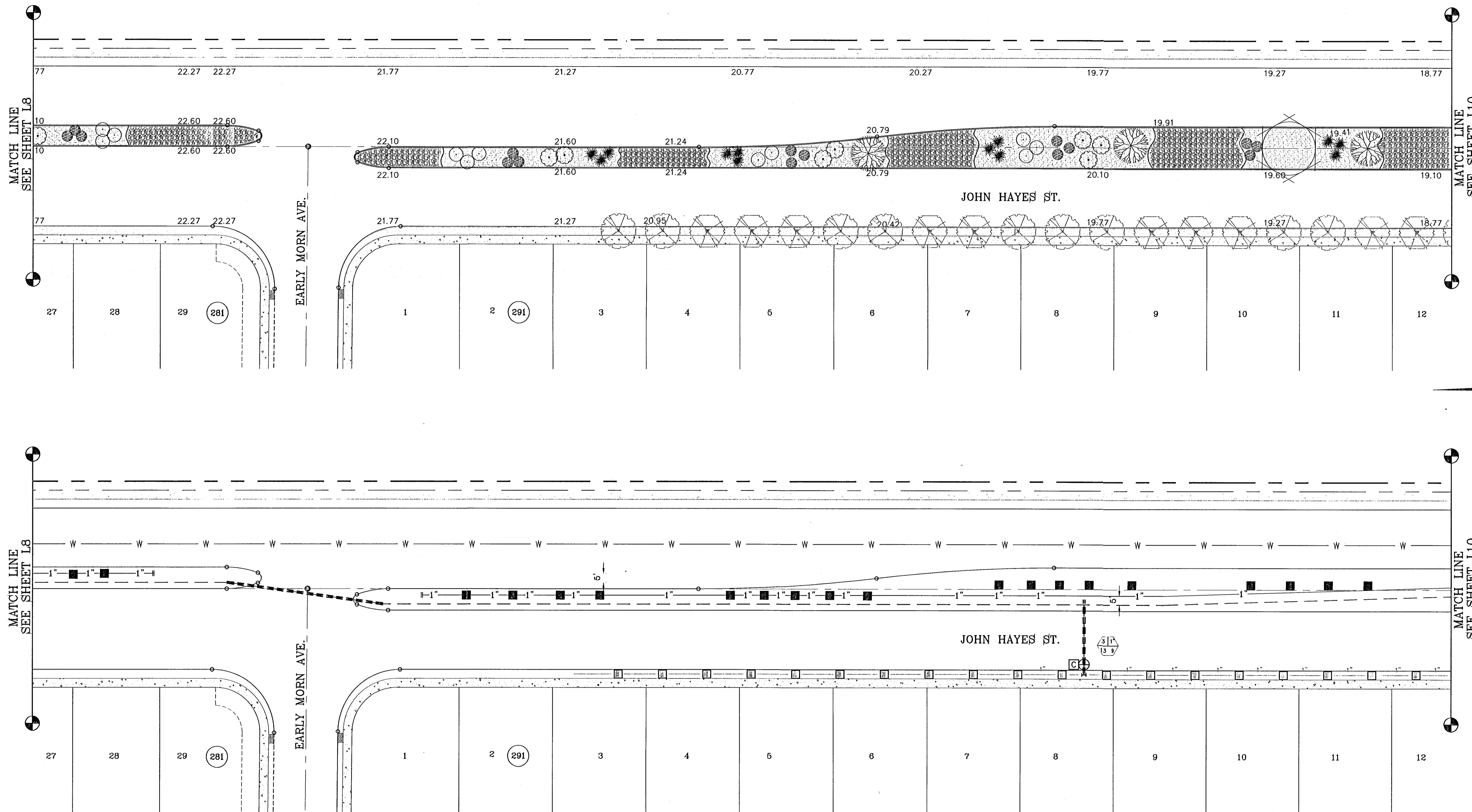
DATE: MAY 2011
 DESIGN BY: O.M.
 INITIATED BY: O.M.
 CHECKED BY: Y.C.
 JOB NO.: 308-86

IRRIGATOR'S SEAL

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
 JOHN HAYES ST. MEDIAN LANDSCAPE AND IRRIGATION PLAN

SHT L8 OF 12



SCALE: 1"=30'

SCALE: 1"=30'

MATCH LINE
SEE SHEET L8

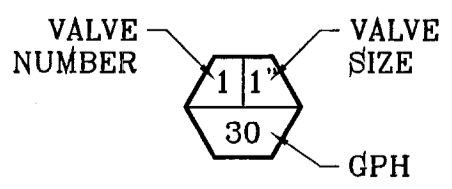
MATCH LINE
SEE SHEET L10

MATCH LINE
SEE SHEET L8

MATCH LINE
SEE SHEET L10

IRRIGATION LEGEND

- BOUNDARY LINE
- 1" SCHEDULE 40 WATER MAIN
- PVC C-200 WATER LATERAL (SIZE AS NOTED)
- PVC SLEEVE (TWICE THE SIZE OF PIPE)
- ⊕ EXISTING 1" WATER METER
- ⊕ EXISTING BACKFLOW PREVENTOR
- ⊕ TBO'S CONTROL MODULE
- ⊕ 1" REMOTE CONTROL VALVE
- XERI-BIRD EMMITER
- 1/2" PIPE SIZE



LANDSCAPE LEGEND

COMMON NAME	BOTANICAL NAME	FORM	DESCRIPTION	SIZE	QUANTITY
CHINESE PISTACHE	PISTACIA CHINENSIS	TREE	DECIDUOUS	2"	6
DESERT WILLOW	CHILOPSIS LINEARIS	TREE	DECIDUOUS	2"	8
RED YUCCA	HESPERALOE PARVIFLORA	SHRUB	EVERGREEN	5 GAL.	45
AUTUMN SAGE	SALVI GREGGI	SHRUB	SEMI-EVERGREEN	6 GAL.	45
DESERT ROSEMARY	POLIOMINTHA INCANA	SHRUB	SEMI-EVERGREEN	6 GAL.	42
OLEANDER PINK	NERIUM OLEANDER	SHRUB	EVERGREEN	6 GAL.	29
RIVER ROCK		GROUND COVER		1"-3"	15,731± sq. ft.
3/4" FRANKLIN RED SCREENINGS, 3" DEPTH W/ NON-WOVEN POLYPROPYLENE WEED BARRIER FABRIC TO BE PINNED DOWN AT 3' ON CENTER EACH WAY & AT 12" ON CENTER ALONG PERIMETER, OVERLAP MIN. 12" AT SEAMS		GROUND COVER		1"-3"	25,955± sq. ft.

IRRIGATION IS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, P.O. BOX 13087, AUSTIN, TX 78711-308, (512) 239-6719

103176

TERRA DEL ESTE UNIT SIXTY FOUR

BENCHMARK

NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED X 1118 - PID 'C0141'
ELEVATION : 3867.12

DATE	REVISIONS	BY

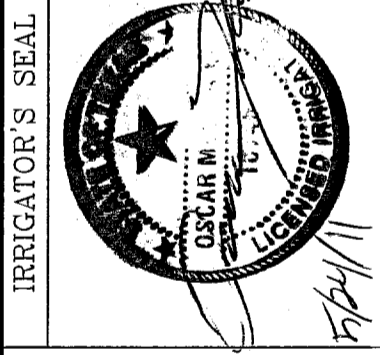
PROJECT NAME
**TERRA DEL ESTE
UNIT SIXTY FOUR**

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 139.766 ACRES

SCALE: 1"=30'

HORIZ: ---
VERT: ---

DATE: MAY 2011
DESIGN BY: O.M.
INITIATED BY: O.M.
CHECKED BY: Y.C.
JOB NO.: 308-85



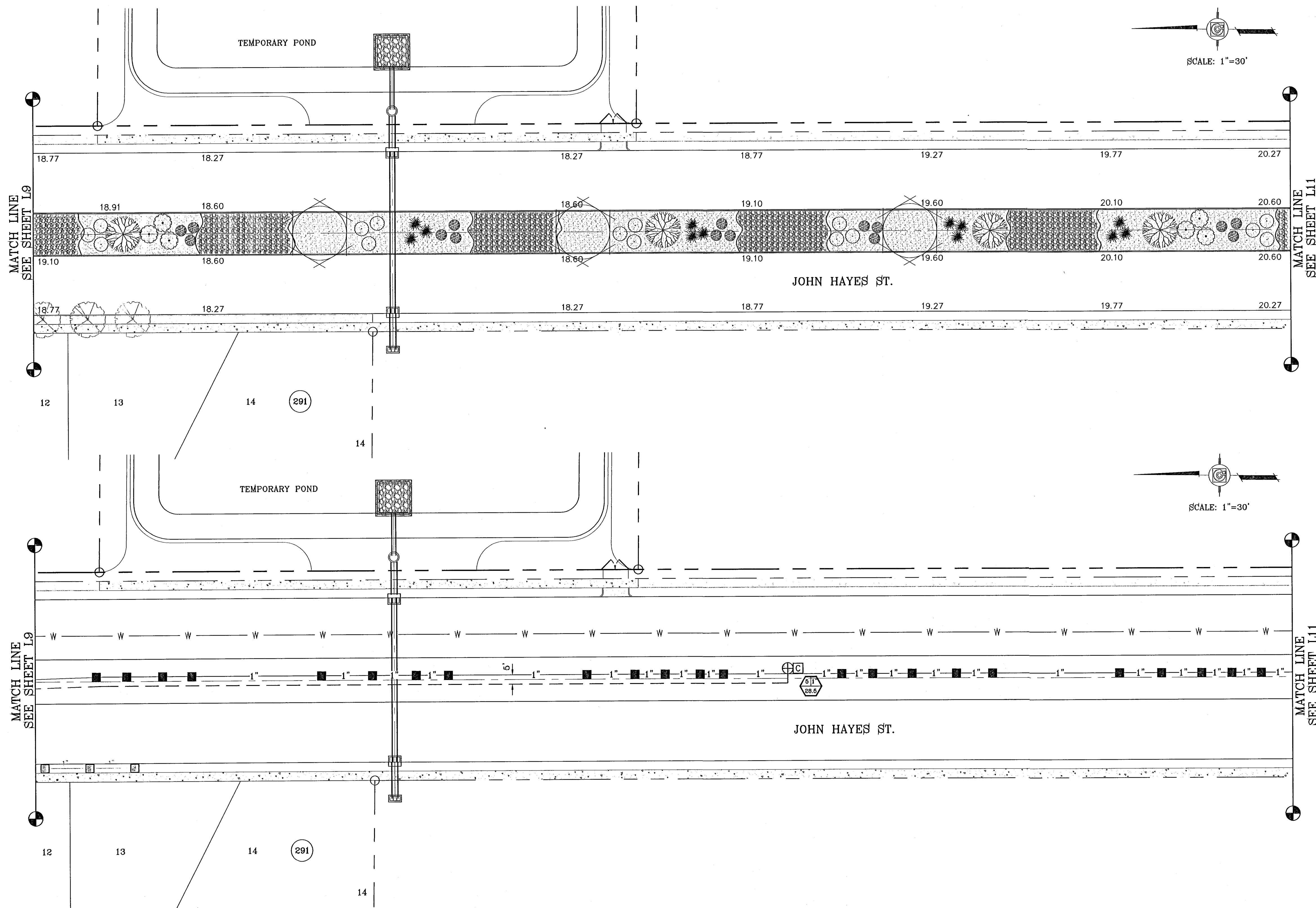
CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS

1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936



SHEET TITLE
**JOHN HAYES ST.
MEDIAN
LANDSCAPE
AND IRRIGATION
PLAN**

SHT L9 OF 12

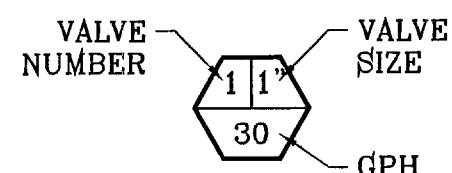


SCALE: 1"=30'

SCALE: 1"=30'

IRRIGATION LEGEND

	BOUNDARY LINE
	1" SCHEDULE 40 WATER MAIN
	PVC C-200 WATER LATERAL (SIZE AS NOTED)
	PVC SLEEVE (TWICE THE SIZE OF PIPE)
	EXISTING 1" WATER METER
	EXISTING BACKFLOW PREVENTOR
	TBO'S CONTROL MODULE
	1" REMOTE CONTROL VALVE
	XERI-BIRD EMMITER
	1/2" PIPE SIZE



LANDSCAPE LEGEND

COMMON NAME	BOTANICAL NAME	FORM	DESCRIPTION	SIZE	QUANTITY
CHINESE PISTACHE	PISTACIA CHINENSIS	TREE	DECIDUOUS	2"	6
DESERT WILLOW	CHILOPSIS LINEARIS	TREE	DECIDUOUS	2"	8
RED YUCCA	HESPERALOE PARVIFLORA	SHRUB	EVERGREEN	5 GAL	45
AUTUMN SAGE	SALVI GREGGI	SHRUB	SEMI-EVERGREEN	5 GAL	45
DESERT ROSEMARY	POLIOMINTHA INCANA	SHRUB	SEMI-EVERGREEN	5 GAL	42
OLEANDER PINK	NERIUM OLEANDER	SHRUB	EVERGREEN	5 GAL	29
RIVER ROCK			GROUND COVER	1"-3"	15,731± sq. ft.
3/4" FRANKLIN RED SCREENINGS, 3" DEPTH W/ NON-WOVEN POLYPROPYLENE WEED BARRIER FABRIC TO BE PINNED DOWN AT 3' ON CENTER EACH WAY & AT 12" ON CENTER ALONG PERIMETER, OVERLAP MIN. 12" AT SEAMS			GROUND COVER	1"-3"	25,955± sq. ft.

IRRIGATION IS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, P.O. BOX 13087, AUSTIN, TX 78711-308, (512) 239-6719

BENCHMARK

NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED: X 1116" PID "CE0141"
ELEVATION: 3887.12

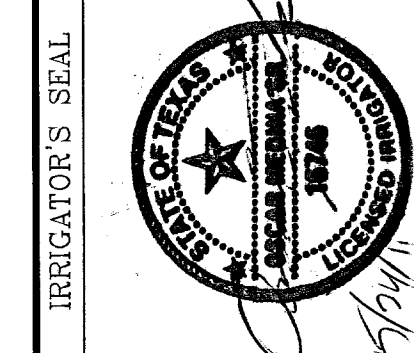
DATE	REVISIONS	BY

PROJECT NAME
TERRA DEL ESTE
UNIT SIXTY FOUR

BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79,
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,
CITY OF EL PASO, EL PASO COUNTY, TEXAS.
CONTAINING 166.766 ACRES

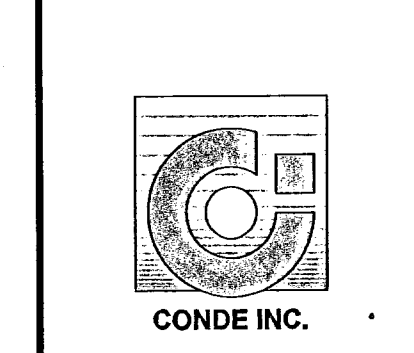
S C A L E
HORIZ: 1"=30'
VERT: ---

DATE: MAY 2011
DESIGN BY: O.M.
INITIATED BY: O.M.
CHECKED BY: Y.C.
JOB NO.: 308-85



CONDE INC.
ENGINEERING / PLANNING
SURVEYING / GPS

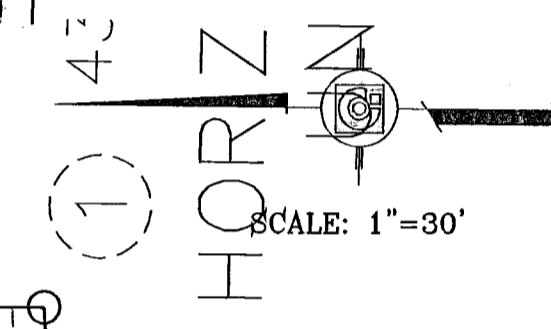
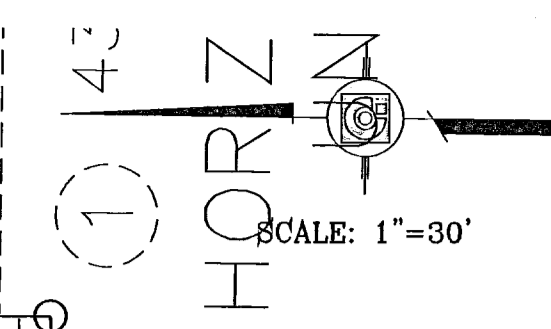
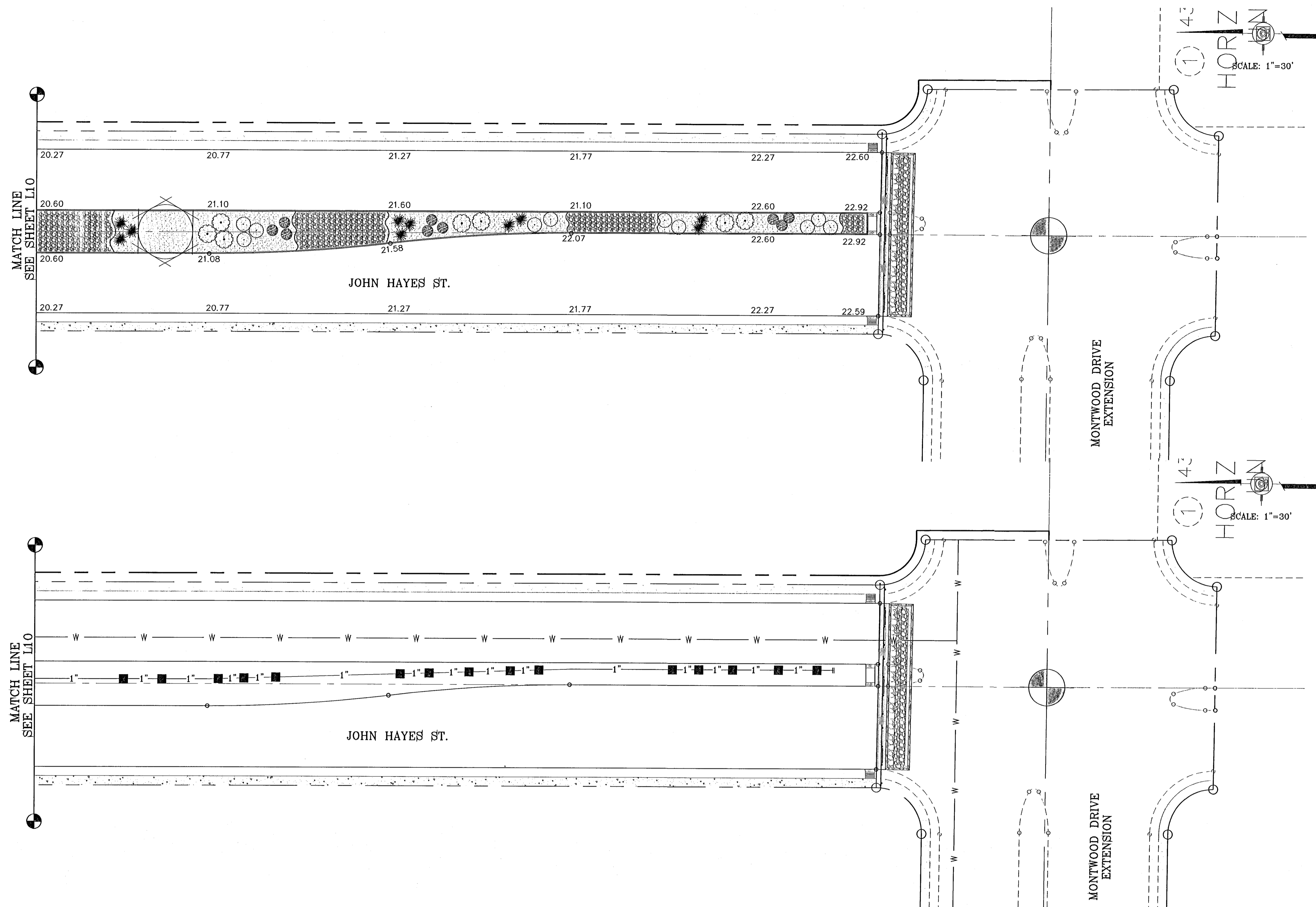
1790 LEE TREVINO STE 400
EL PASO, TEXAS 79936



SHEET TITLE

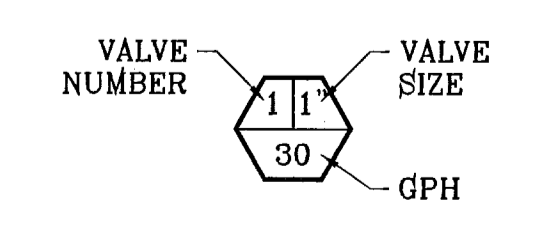
JOHN HAYES ST.
MEDIAN
LANDSCAPE
AND IRRIGATION
PLAN

103176
TIERRA DEL ESTE UNIT SIXTY FOUR



IRRIGATION LEGEND

- BOUNDARY LINE
- 1" SCHEDULE 40 WATER MAIN
- PVC C-200 WATER LATERAL (SIZE AS NOTED)
- PVC SLEEVE (TWICE THE SIZE OF PIPE)
- ⊕ EXISTING 1" WATER METER
- ⊗ EXISTING BACKFLOW PREVENTOR
- ⊕ TBOS CONTROL MODULE
- ⊕ 1" REMOTE CONTROL VALVE
- XERI-BIRD EMMITER
- 1/2" PIPE SIZE



LANDSCAPE LEGEND

COMMON NAME	BOTANICAL NAME	FORM	DESCRIPTION	SIZE	QUANTITY
CHINESE PISTACHE	PISTACIA CHINENSIS	TREE	DECIDUOUS	2"	6
DESERT WILLOW	CHILOPSIS LINEARIS	TREE	DECIDUOUS	2"	8
RED YUCCA	HESPERALOE PARVIFLORA	SHRUB	EVERGREEN	5 GAL.	45
AUTUMN SAGE	SALVI GREGGI	SHRUB	SEMI-EVERGREEN	5 GAL.	45
DESERT ROSEMARY	POLIOMINTHA INCANA	SHRUB	SEMI-EVERGREEN	5 GAL.	42
OLEANDER PINK	NERIUM OLEANDER	SHRUB	EVERGREEN	5 GAL.	29
RIVER ROCK		GROUND COVER		1"-3"	16,731± sq. ft.
3/4" FRANKLIN RED SCREENINGS, 3" DEPTH W/ NON-WOVEN POLYPROPYLENE WEED BARRIER FABRIC TO BE PINNED DOWN AT 3' ON CENTER EACH WAY & AT 12" ON CENTER ALONG PERIMETER. OVERLAP MIN. 12" AT SEAMS		GROUND COVER		1"-3"	25,965± sq. ft.

IRRIGATION IS REGULATED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, P.O. BOX 13087, AUSTIN, TX 78711-308, (512) 239-6719

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

DATE: MAY 2011
DESIGN BY: O.M.
INITIATED BY: O.M.
CHECKED BY: J.C.
JOB NO.: 308-86

IRRIGATOR'S SEAL

CONDE INC.
 ENGINEERING / PLANNING
 SURVEYING / GPS
 1790 LEE TREVINO STE 400
 EL PASO, TEXAS 79936

SHEET TITLE
JOHN HAYES ST. MEDIAN LANDSCAPE AND IRRIGATION PLAN

PROJECT NAME
TIERRA DEL ESTE UNIT SIXTY FOUR
 BEING A PORTION OF SECTIONS 47, AND 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, COUNTY OF EL PASO, TEXAS, CONTAINING 159.786 ACRES

BENCHMARK
 NGS MARKER: COPPER-CLAD STEEL ROD
 DESIGNATION: 1118
 ELEVATION: 8987.12

REVISIONS

DATE

BY

103176
 TIERRA DEL ESTE UNIT SIXTY FOUR
 SHT L11 OF 12

LANDSCAPE NOTES:

1. PLANT MATERIAL SUBSTITUTIONS SHALL NOT BE MADE WITHOUT THE WRITTEN PERMISSION OF THE OWNER. THE USE OF MATERIALS DIFFERING IN KIND, QUALITY OR SIZE FROM THAT SPECIFIED WILL BE ALLOWED ONLY AFTER OWNER IS CONVINCED THAT ALL MEANS OF OBTAINING THE SPECIFIED MATERIAL HAVE BEEN EXHAUSTED. AT THE TIME BIDS ARE SUBMITTED, THE CONTRACTOR IS ASSUMED TO HAVE LOCATED THE MATERIALS NECESSARY TO COMPLETE THE JOB AS SPECIFIED. ALL REQUESTS FOR SUBSTITUTIONS MUST BE SUBMITTED NO LATER THAN TWO WEEKS PRIOR TO THE INITIATION OF WORK.
2. PLANT MATERIAL QUALITY, SIZE AND CONDITION SHALL BE IN ACCORDANCE WITH AMERICAN STANDARD FOR NURSERY STOCK, 1980 EDITION, AS PUBLISHED BY THE COMMITTEE ON HORTICULTURAL STANDARDS OF THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
3. ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY. ALL PLANTS SHALL HAVE NORMAL, WELL DEVELOPED BRANCHES AND VIGOROUS ROOT SYSTEMS. THEY SHALL BE SOUND, HEALTHY, VIGOROUS, FREE FROM DEFECTS, DISFIGURING KNOTS, ABRASIONS OF THE BARK, SUNSCALED INJURIES, PLANT DISEASES, INSECT EGGS, BORES AND ALL OTHER FORMS OF INFECTIONS.
4. UNLESS OTHERWISE STATED ON THE DRAWINGS OR APPROVED BY THE OWNER'S REPRESENTATIVE, ALL PLANTS SHALL BE NURSERY GROWN AND SHALL BE TAGGED WITH NURSERY LABELS INDICATING SPECIES AND VARIETY.
5. NON-CONTAINER GROWN PLANTS SHALL HAVE A SOLID BALL OF EARTH OF MINIMUM SPECIFIED SIZE AND HELD IN PLACE SECURELY BY BURLAP AND A STOUT TWINE OR ROPE, SEE TREE AND SHRUB PLANTING DETAIL. BROKEN OR LOOSE BALLS WILL BE REJECTED.
6. UNLESS SPECIFICALLY NOTED ON DRAWING, ALL TREES SHALL HAVE A SINGLE TRUNK THAT IS STRAIGHT AND FREE OF "DOG-LEGS" "CROOKS" "Y-CROTHES", OR OTHER DISFIGURING SHAPES. THE CENTRAL LEADER OF ALL TREES SHALL NOT HAVE BEEN PRUNED. TREES WITH DOUBLE LEADERS ARE NOT ACCEPTABLE, UNLESS SPECIFIED AS MULTI-TRUNKED.
7. ALL PLAN MATERIAL SHALL HAVE A UNIFORMED SHAPE AROUND ITS COMPLETE CIRCUMFERENCE. PLAN MATERIAL WITH IRREGULAR BRANCHING PATTERNS OR WITH BRANCHING PATTERNS MORE HIGHLY DEVELOPED ON ONE SIDE THAN ON OTHER SIDES SHALL NOT BE ACCEPTABLE.
8. THE OWNER'S REPRESENTATIVE SHALL BE THE JUDGE OF THE QUALITY AND ACCEPTABILITY OF ALL PLANT MATERIALS. ALL REJECTED MATERIAL SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND REPLACED WITH ACCEPTABLE MATERIALS AT NO ADDITIONAL COST TO OWNER.
9. ALL TREES, SHRUBS AND GROUND COVERS SHALL BE GUARANTEED FOR THE PERIOD OF ONE FULL YEAR BEGINNING ON THE DATE OF FINAL ACCEPTANCE. THE CONTRACTOR SHALL REPLACE ANY DEAD OR UNHEALTHY PLANTS WITHIN 10 WORKING DAYS OF WRITTEN NOTIFICATION AT NO EXPENSE TO THE OWNER. THE CONTRACTOR SHALL NOT BE RESPONSIBLE NOR VANDALIZED PLANT MATERIAL.
10. ALL PLANTING BEDS SHOWN ON PLANS SHALL BE MULCHED. NO BEDS WILL BE LEFT UNCOVERED OR NOT TOP DRESSED, UNLESS OTHERWISE SPECIFIED.

GRADING

1. PERFORM GRADING AND EXCAVATION WORK IN COMPLIANCE WITH APPLICABLE SPECIFICATIONS, REQUIREMENTS, CODES AND ORDINANCES OF ALL GOVERNING BODIES HAVING JURISDICTION.
2. FINE GRADING: SURFACE SHALL BE RAKED FREE OF STONES AND EXTRANEOUS MATERIALS AND DEBRIS TO A SMOOTH AND EVEN TEXTURE. ALL EXTRANEOUS MATTER WILL BE DISPOSED OF BY CONTRACTOR.

PROTECTIONS:

1. CONTRACTOR SHALL BE FAMILIAR WITH PLANS, DETAILS AND SPECIFICATIONS AS THEY PERTAIN TO THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER'S REPRESENTATIVE IF ANY ITEMS CONTAINED WITHIN THE SCOPE OF WORK DEFINED HEREIN ARE IN CONFLICT WITH PROPOSED CONTRACT.
2. EXISTING UTILITY LINES ARE TO BE BLUE STAKED PRIOR TO EXCAVATION. CHECK AND FIELD VERIFY ALL SITE CONDITIONS, UTILITIES AND SERVICES PRIOR TO EXCAVATION. CALL FOR BLUE STAKING.
3. THE CONTRACTOR SHALL BE LIABLE FOR ANY LOOSE OR DAMAGE TO ANY WORK OR MATERIALS, SUPPLIES AND EQUIPMENT ON THE JOB SITE CAUSED BY THE CONTRACTOR OR ITS EMPLOYEES.
4. CONTRACTOR IS TO BARRICADE OPEN EXCAVATIONS OCCURRING AS PART OF THIS WORK AND POST WITH WARNING LIGHTS OR OTHER WARNING MEASURES AS NECESSARY. PROTECTION OF EXISTING SHRUBS, TREES, AND OTHER PLANT MATERIALS ARE ALSO TO BE INCLUDED.
5. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY EARTHWORK OPERATIONS. ALL DAMAGES THAT OCCUR DURING THIS PHASE OF WORK SHALL BE THE CONTRACTOR'S FINANCIAL RESPONSIBILITY.
6. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS.

IRRIGATION NOTES:

1. ALL WORK MUST BE IN COMPLIANCE WITH THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY RULES AND REGULATIONS.
2. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL PROVIDED ALL EQUIPMENT, TOOLS, PRODUCTS, MATERIALS, LABOR, TRANSPORTATION AND OBTAIN ALL PERMITS AND PAY ALL REQUIRED FEES.
4. ALL PAVEMENT TRENCHING SHALL BE IN PERFORMED TO THE CITY OF EL PASO FOR PUBLIC WORK CONSTRUCTION.
5. PIPING UNDER HARDSCAPES (DRIVEWAYS, SIDEWALKS, etc. etc.) SHALL REQUIRE SLEEVING. GENERALLY TWO SIZES LARGER THAN IRRIGATION PIPING AND ONE FOOT BEYOND EDGE OF HARDSCAPE.
6. ALL SPRINKLER HEADS ADJACENT TO HARDSCAPES SHALL BE PLACED A MINIMUM OF ONE FOOT FROM EDGE OF SURFACING.
7. SOME PIPES, VALVES, BACKFLOWS etc. etc. HAVE BEEN SHOWN IN PAVING, SIDEWALKS OR OUTSIDE THE BOUNDARY FOR CLARITY ONLY.
8. THE WATER IS BEING SUPPLIED FROM THREE DIFFERENT SOURCES. THE IRRIGATION SYSTEM ON CHARLES FOSTER AND A PORTION OF TIM FOSTER WILL BE SUPPLIED FROM THE MAIN ON CHARLES FOSTER. A NEW WATER METER AND DOUBLE CHECK BACKFLOW PREVENTOR WILL BE REQUIRED. THE IRRIGATION SYSTEM ON JOHN HAYES SHALL BE SUPPLIED FROM THE MEDIAN IRRIGATION SYSTEM ON TIERRA DEL ESTE UNIT 64. THE IRRIGATION SYSTEM ON TIM FOSTER SHALL BE SUPPLIED FROM THE MEDIAN/JOGGING TRAIL IRRIGATION SYSTEM FROM MONTWOOD SUBDIVISION.
9. CONTRACTOR IS REQUIRED TO APPLY FOR AND OBTAIN IRRIGATION PERMIT FROM BP&I

TRENCHING

1. CONTACT LOCAL UTILITY COMPANIES AND BLUE STAKE ALL UTILITIES PRIOR TO EXCAVATION.
2. ALL TRENCHING SHALL BE DONE IN STRICT ACCORDANCE WITH OSHA-2226.
3. PIPES MUST BE FLUSHED AND INSPECTED BY PROJECT INSPECTOR BEFORE INSTALLING VALVES AND SPRINKLERS.
4. PIPES SHALL NOT BE BURIED UNTIL INSPECTED BY PROJECT INSPECTOR. CONTRACTOR MUST UNCOVER THE WORK TO BE INSPECTED AND/OR TESTED AND BE RE-BURIED AT THEIR EXPENSE.
5. AVOID OBSTACLES (UTILITIES, TREE ROOTS, BOULDERS etc. etc.) ALLOW A MINIMUM OF TWO INCHES OF COVERAGE
6. BACKFILL MATERIAL SHALL CONTAIN NO LUMPS, ROCKS LARGER THAN ONE INCH OR ORGANIC MATERIAL. BACKFILL MATERIAL MUST BE APPROVED BY PROJECT INSPECTOR PRIOR FILLING OF TRENCHES.
7. IF EXCAVATING 16 INCHES OR DEEPER WITH POWER EQUIPMENT, YOU MUST BY LAW CALL 1-800-DIG TESS (800-344-8377) 48 HOURS BEFORE EXCAVATING.
8. LATERAL LINES SHALL BE TO A DEPTH OF 12". MAIN LINES SHALL BE TO A DEPTH OF 18" AND VALVE ELECTRICAL WIRES TO A DEPTH OF 18", SEE TRENCH DETAIL ON L12 OF 12.

SOLVENT WELDING

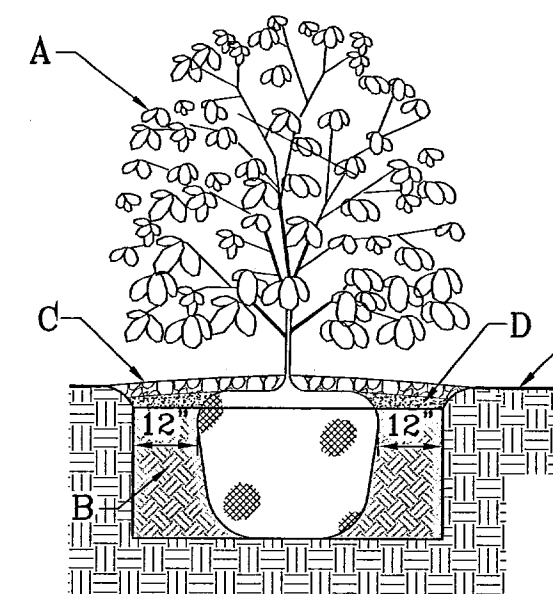
1. PIPE BENDS AND FITTINGS MUST BE INSPECTED DURING PRESSURE TEST. SOLVENT WELDING IS REQUIRED ON ALL PIPE BENDS AND FITTINGS. INSTALL ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
2. LACK OF SUFFICIENT SOLVENT WILL RESULT IN A WEAK CONNECTION, EXCESS SOLVENT WILL WEAKEN THE STRUCTURE. USE THE RIGHT AMOUNT OF SOLVENT FOR A SOUND INSTALLATION.
3. CLEAN OFF ALL BURRS FROM PIPE CUTS, BEVEL THE END OF THE MAIN LINE.
4. USE PRIMER TO CLEAN AND PREPARE THE PIPES BEING JOINED, WIPE EXCESS SOLVENT FROM JOINT.

ELECTRICAL WIRING

1. WIRES SHOULD NOT BE STRETCHED TIGHT IN THE TRENCHES, ALLOW EXTRA WIRE FOR SHARP TURNS IN THE TRENCHES.
2. WIRING SHALL BE UL LISTED FOR DIRECT BURIAL AND SIZED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
3. DIRECT BURIAL WIRE SPLICES MUST BE WATERPROOF AS PER MANUFACTURER'S SPECIFICATIONS.
4. WIRES SHALL BE LABELED WITH WATERPROOF TAGS AT THE CONTROLLER AND VALVE BOX.

GENERAL NOTES:

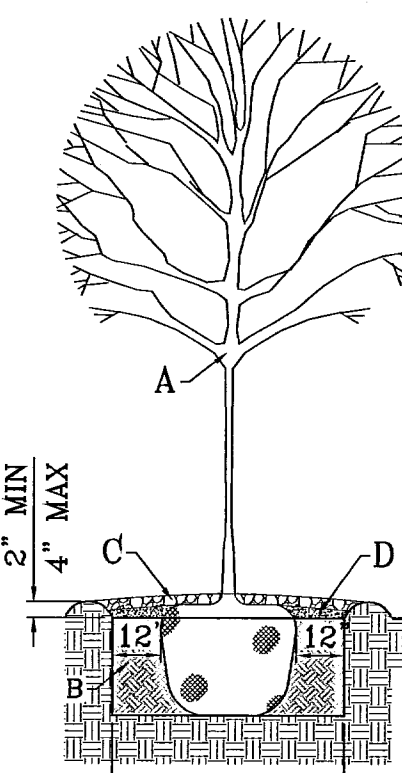
1. STABILIZED SOIL BELOW ROOT BALL PRIOR TO PLANTING TO PREVENT SHRUB FOR SETTLING.
2. PRIOR TO BACKFILLING SHRUB, ALL WIRE, ROPE AND SYNTHETIC MATERIALS SHALL BE REMOVED FROM THE SHRUB AND THE PLANTING PIT.
3. PRIOR TO BACKFILLING, ALL BURLAP SHALL BE CUT AWAY FROM THE ROOTBALL.



SHRUB PLANTING DETAIL (FOR MEDIAN)
SCALE: 1"=3'

CONSTRUCTION NOTES:

- A. SHRUB.
- B. COMPACTED BACKFILL
- C. WATER RETENTION BASIN
- D. 4" DEPTH OF BARK MULCH.
- E. FINISH GRADE.



TREE PLANTING DETAIL (FOR MEDIAN)
SCALE: 1"=4'

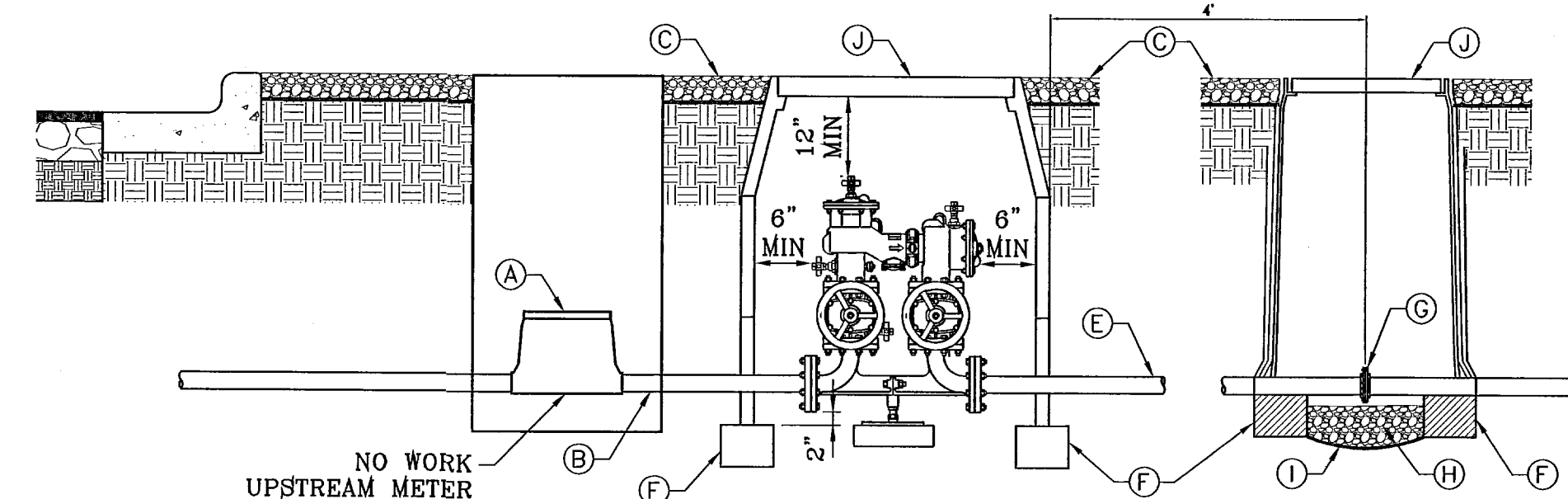
GENERAL NOTES:

1. DO NOT INSTALL IN FLOOD PRONE AREAS.
2. METAL RISER PIPING REQUIRED.
3. JOINTS TO BE ADEQUATELY RESTRAINED.
4. HORIZONTAL INSTALLATION REQUIRED AS SHOWN.
5. INSTALLATION TO MEET E.P.W.U. REQUIREMENTS

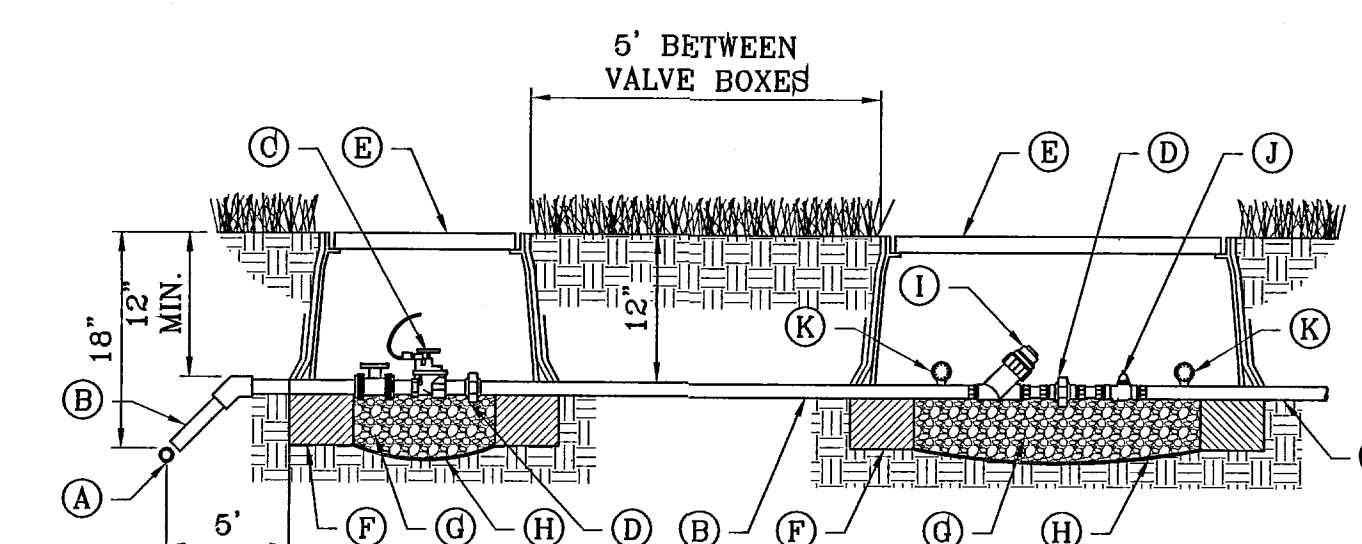
ELECTRICAL NOTES:

CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING, COORDINATING, AND INSTALLING ALL ELECTRICAL AND ELECTRICAL SUPPLIES NECESSARY FOR THE INSTALLATION AND OPERATION OF THE IRRIGATION SYSTEM SPECIFIED.

ALL ELECTRICAL SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES, ORDINANCES AND REQUIREMENTS OF ALL GOVERNING BODIES HAVING JURISDICTION.



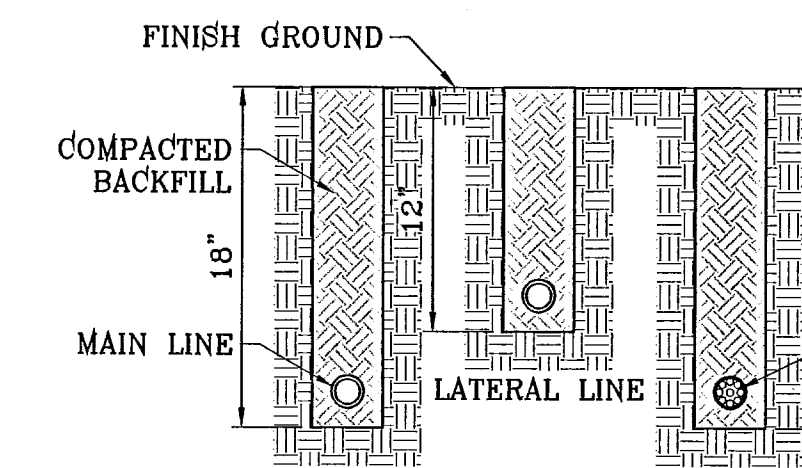
DOUBLE CHECK ASSEMBLY UNDERGROUND INSTALLATION DETAIL
SCALE: 1"=2'



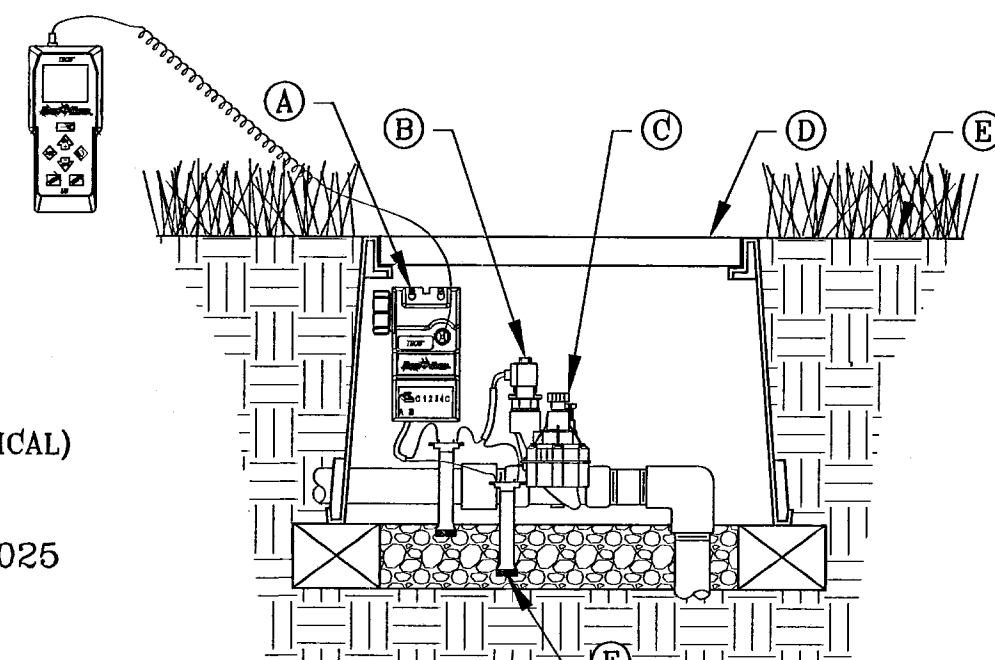
ELECTRIC CONTROL VALVE WITH FILTER & PRESSURE REGULATOR DETAIL
SCALE: 1"=1'

- A. PVC MAINLINE
- B. PVC LATERAL
- C. RAINBIRD 100-PE5B IRRIGATION VALVE
- D. SCHEDULE 80 PVC UNION
- E. 1419 CARSON VALVE BOX W/ LID & BOLT
- F. BRICK BLOCK AT EACH CORNER
- G. 3/8" PEA GRAVEL, 4" DEEP (NO SOIL IN BOX)
- H. PROVIDE WEED BARRIER FABRIC 'DeWITT PRO 5' UNDER AND AROUND VALVE BOX AND SEAL ALL PIPE PENETRATIONS
- I. RAINBIRD WYE STRAINER
- J. WILKINS BF4 BRONZE BODY OR IN-LINE PRESSURE REGULATOR
- K. GAUGE

NOTE: EACH LINE TO BE INSTALLED IN SEPERATE TRENCHES

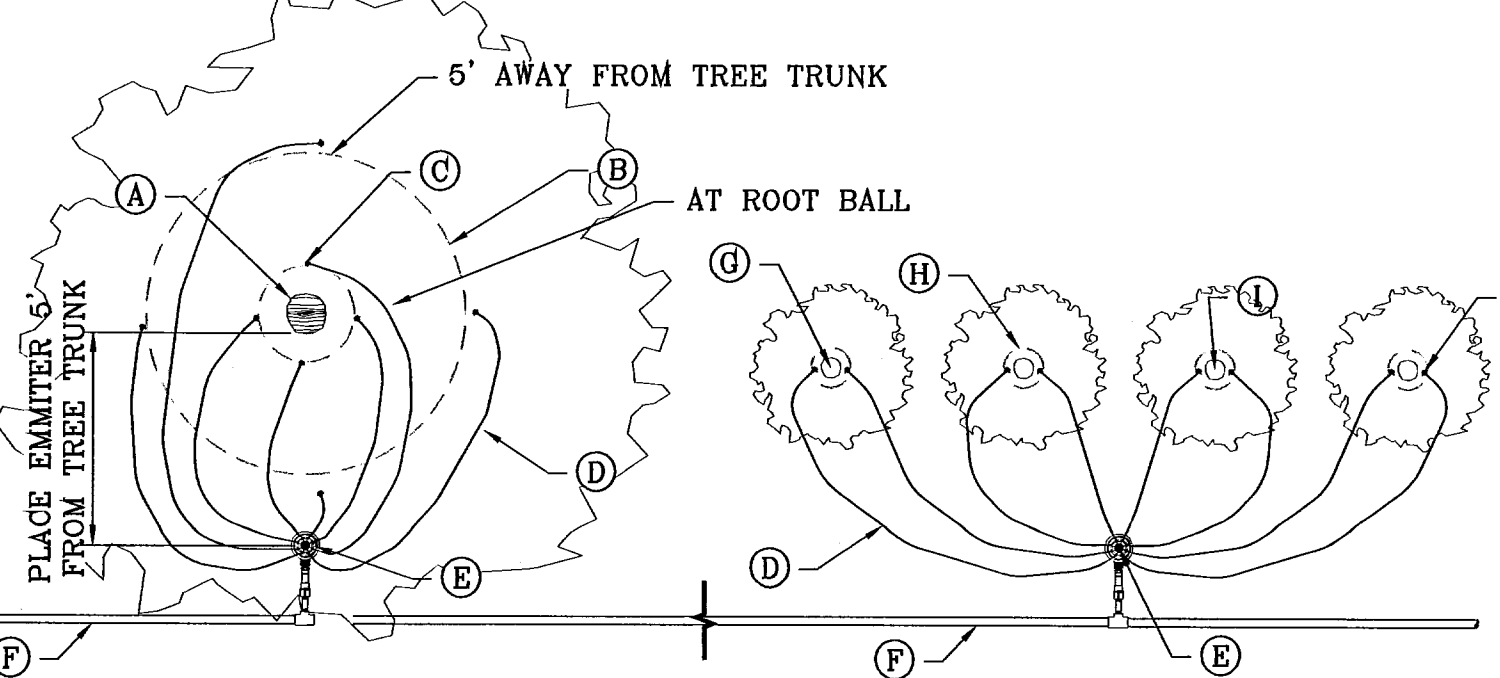


TRENCH DETAIL
SCALE: 1"=1'



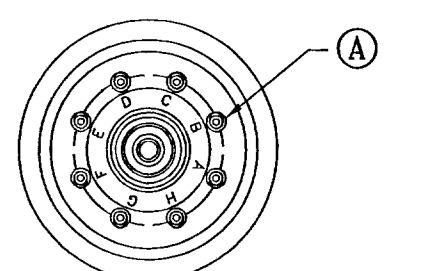
BATTERY OPERATED CONTROLLER AND VALVE TBO5 WITH TRANSMITTER FOR MEDIAN ONLY
SCALE: 1"=6"

- A. RAIN BIRD TBO5 CONTROL MODULE
- B. RAIN BIRD TBO5 SOLEOID
- C. RAINBIRD 100-PE5B REMOTE CONTROL VALVE
- D. CARSON VALVE BOX 1419 WITH BOLT. COLOR TO BE TAN FOR ROCK MULCH AREAS AND GREEN FOR TURF AREAS
- E. FINISH GRADE
- F. WATERPROOF CONNECTION: RAIN BIRD "QUICK CONNECT" DBY (1 OF 2)
- G. RAINBIRD TBO5 FIELD TRANSMITTER



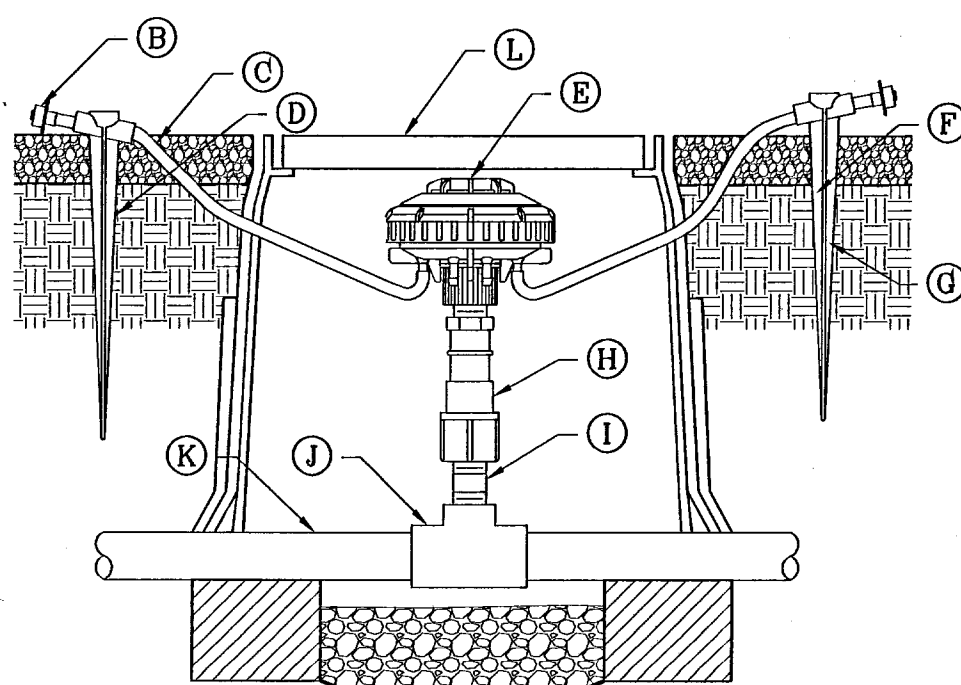
EMITTER PLACEMENT
SCALE: 1"=6"

- A. TREE TRUNK
- B. EMITTER 5' FROM TREE TRUNK (1 OF 4)
- C. EMITTER @ ROOT BALL (1 OF 4)
- D. 1/4" CAPILLARY TUBING (0.170 I.D. X 0.250 O.D.)
- E. 8 OUTLET EMITTER
- F. PVC SUPPLY LATERAL FROM ZONE CONTROL VALVE
- G. ROOT BALL
- H. PLANT PIT
- I. SHRUB CENTER
- J. EMITTER TUBING PLACEMENT



INSIDE VIEW OF XERI-BIRD 8
SCALE: 1"=1'

- A. (8) 1-GPH XERI-BUGS INSTALLED AT FACTORY
- B. DIFFUSER BUG CAP. RAIN BIRD DBC-025 (TYPICAL)
- C. 1/4-INCH TUBING: POLYETHYLENE DISTRIBUTION TUBING RAIN BIRD PT-025 OR VINYL DISTRIBUTION TUBING RAIN BIRD DT-025 (0.170 I.D. X 0.250 O.D.)
- D. 1/4-INCH TUBING STAKE: RAIN BIRD TS-025 (1 OF 2)
- E. MULTI-OUTLET EMISSION DEVICE RAIN BIRD XERI-BIRD 8 XBD-81 (WITH EIGHT 1-GPH XERI-BUG XB-10PC EMITTERS FACTORY INSTALLED)
- F. TOP OF MULCH
- G. FINISH GRADE
- H. RETROFIT PRESSURE REGULATOR: RAIN BIRD PRS-050-30
- I. PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- J. PVC LATERAL PIPE
- K. PVC SCH 40 TEE OR ELL
- L. SET IN CARSON EMMITER BOX WITH BOLT. COLOR TO BE TAN FOR ROCK MULCH AREAS AND GREEN FOR TURF AREAS



XERI-BIRD 8 WITH PC EMITTERS AT GRADE
SCALE: 1"=1'

BENCHMARK
 NGS MARKER: COPPER-GLAD STEEL ROD
 DESIGNATED "X-1118" PID "CE0141"
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