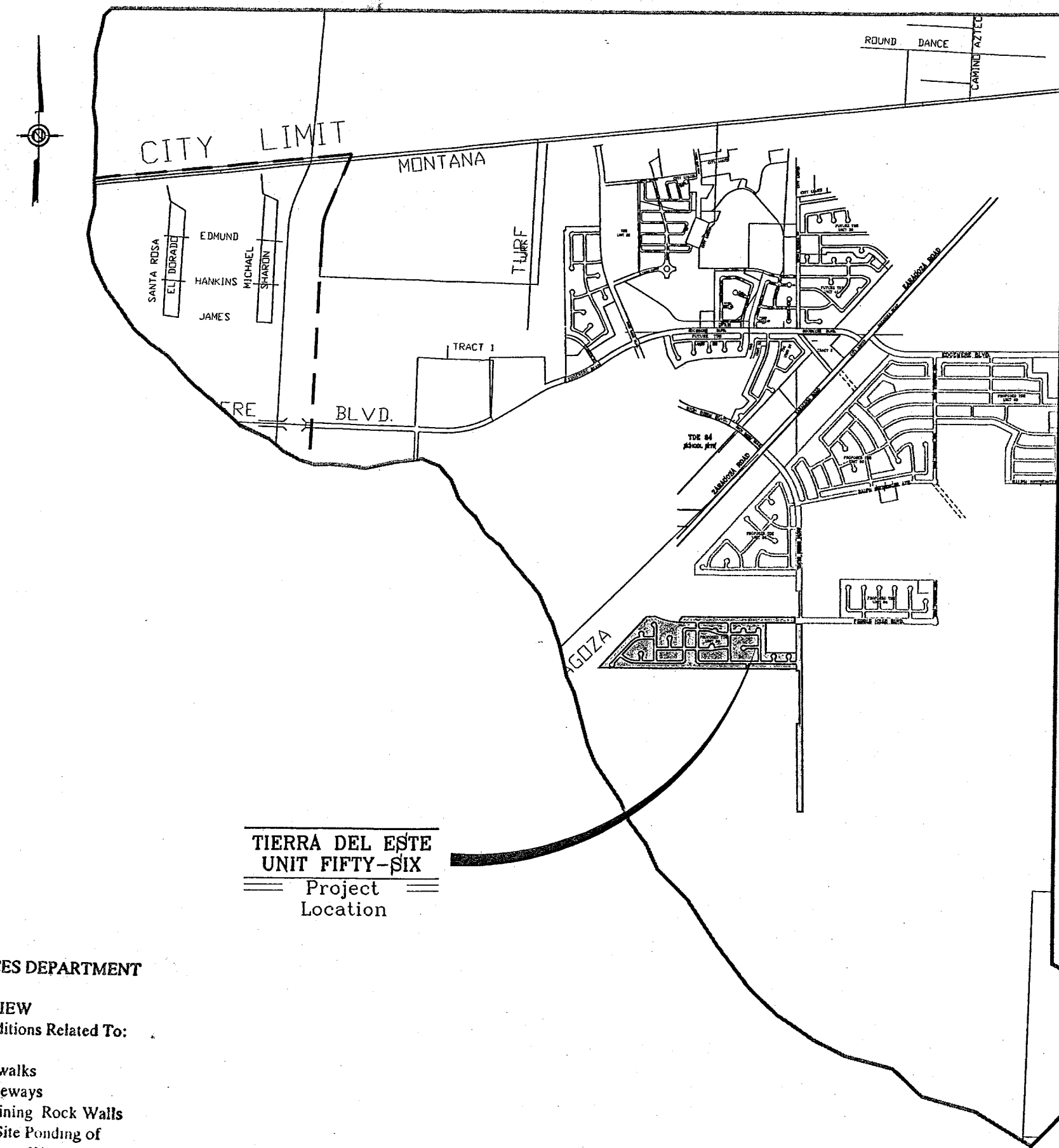


VICINITY MAP



DEVELOPMENT SERVICES DEPARTMENT

SITE PLAN REVIEW  
Reviewed For Conformance For Conditions Related To:

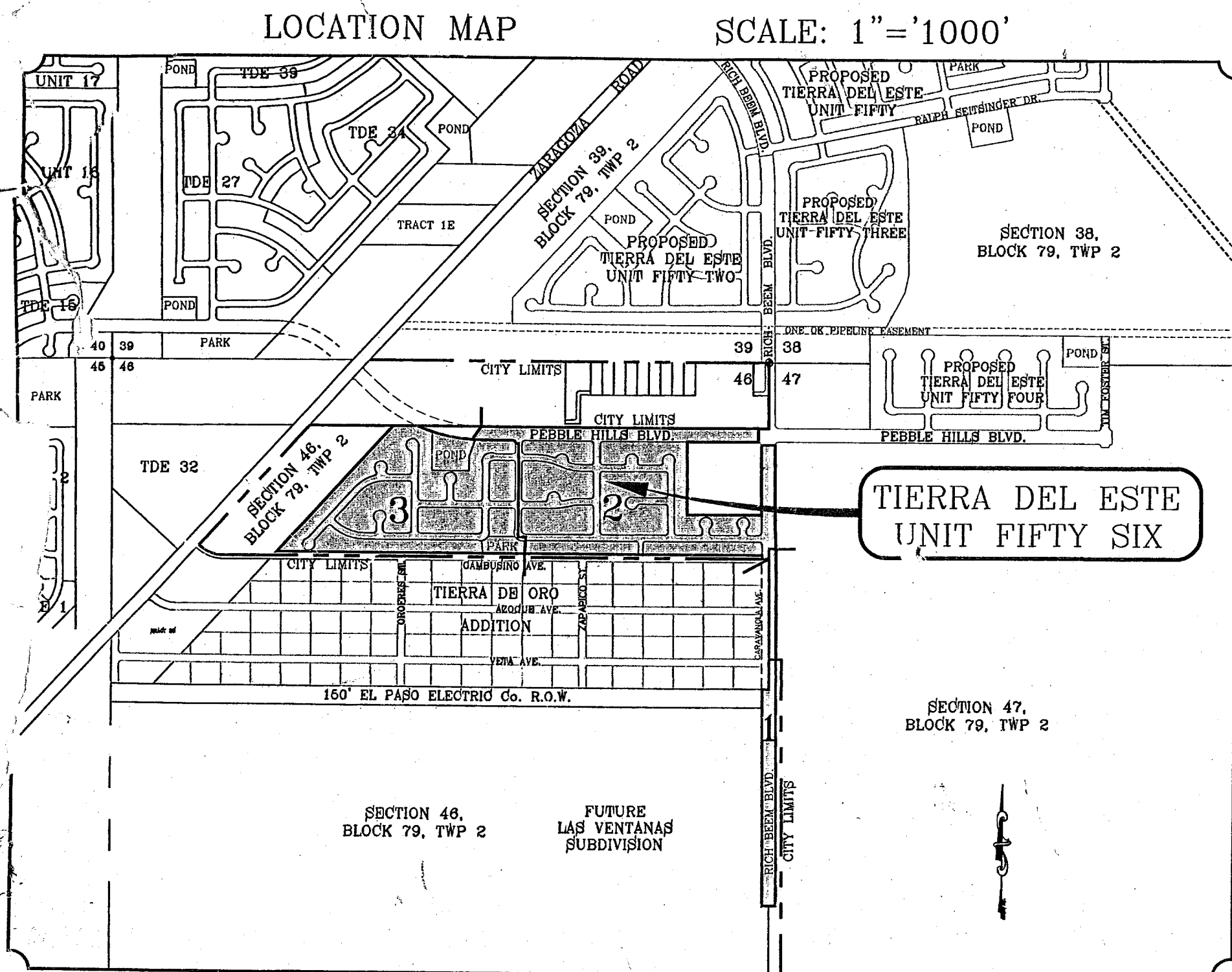
- Demolition Only
- Grading & Drainage
- Wheelchair Ramps
- On Site Parking Layout
- Sidewalks
- Driveways
- Retaining Rock Walls
- On-Site Ponding of Storm Waters

Contractor Must Call 24 Hours Prior To Construction For Inspection  
 BY *[Signature]* DATE 5/14/08

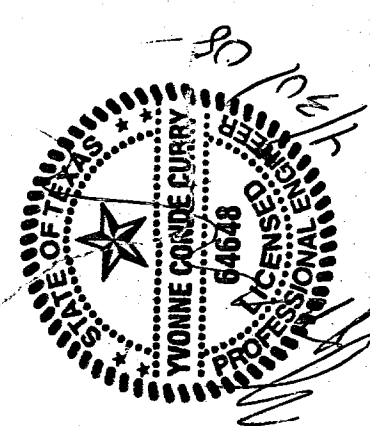
# STREET IMPROVEMENTS

## I N D E X

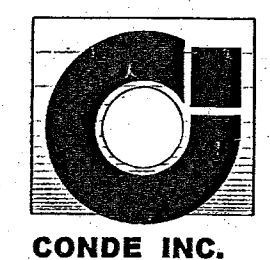
TITLE	SHEET No.	TITLE	SHEET No.
COVER SHEET	1 OF 62	WONDER ROCK PL.	39-40 OF 62
PLAT	2-4 OF 62	VOLCANIC ROCK DR.	41-43 OF 62
GRADING	5-7 OF 62	OWL ROCK PL.	44 OF 62
GRADING SECTIONS	8-10 OF 62	SINKING ROCK PL.	45-46 OF 62
DRAINAGE	11-13 OF 62	MERCY ROCK PL.	47 OF 62
S.W.P.P.P AND STANDARD DETAILS	14-17 OF 62	MIA ROCK PL.	48 OF 62
RICH BEEM BLVD.	18-22 OF 62	TALKING ROCK PL.	49 OF 62
PEBBLE HILLS BLVD.	23-25 OF 62	TAG ROCK PL.	50 OF 62
MAGIC ROCK DR.	26-27 OF 62	TEJA ROCK PL.	51 OF 62
ELK ROCK WAY	28 OF 62	DRAINAGE STRUCTURES	52-54 OF 62
VAQUERO ROCK DR.	29-31 OF 62	POND SECTIONS	55-56 OF 62
RED DEER ROCK DR.	32-33 OF 62	STRUCTURE DETAILS	57 OF 62
MEZA ROCK PL.	34 OF 62	STANDARD DETAILS	58-59 OF 62
TIME ROCK PL.	35 OF 62	ILLUMINATION PLAN	60-62 OF 62
SANDY ROCK PL.	36-38 OF 62	LANDSCAPE & IRRIGATION PLAN	1-8 OF 8

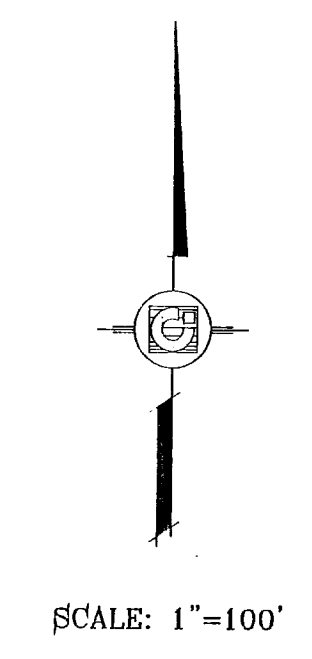
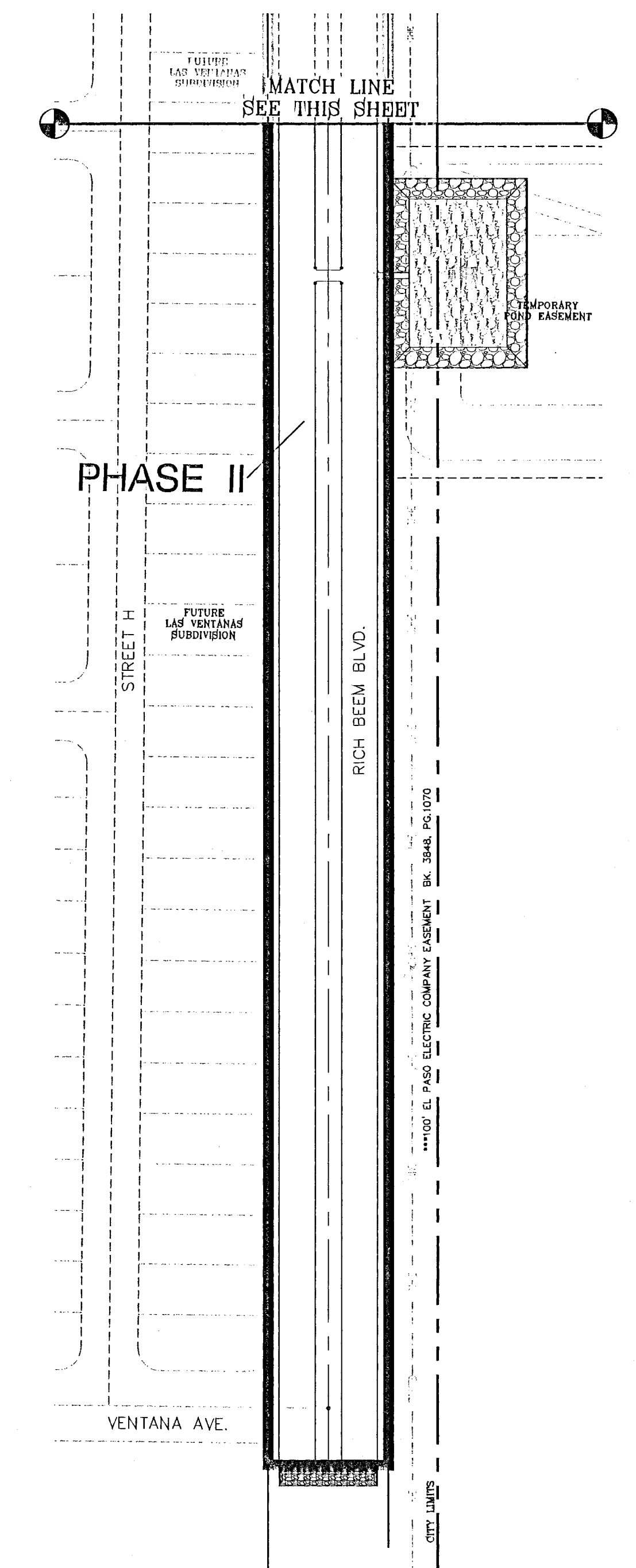
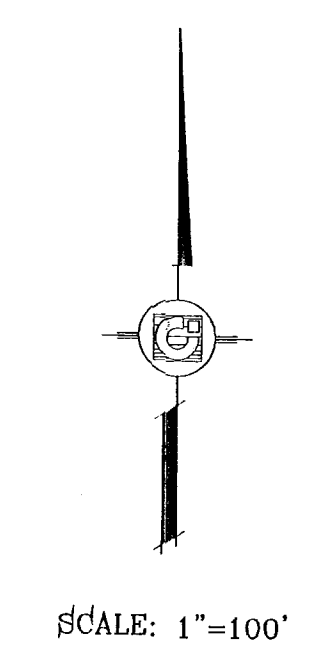
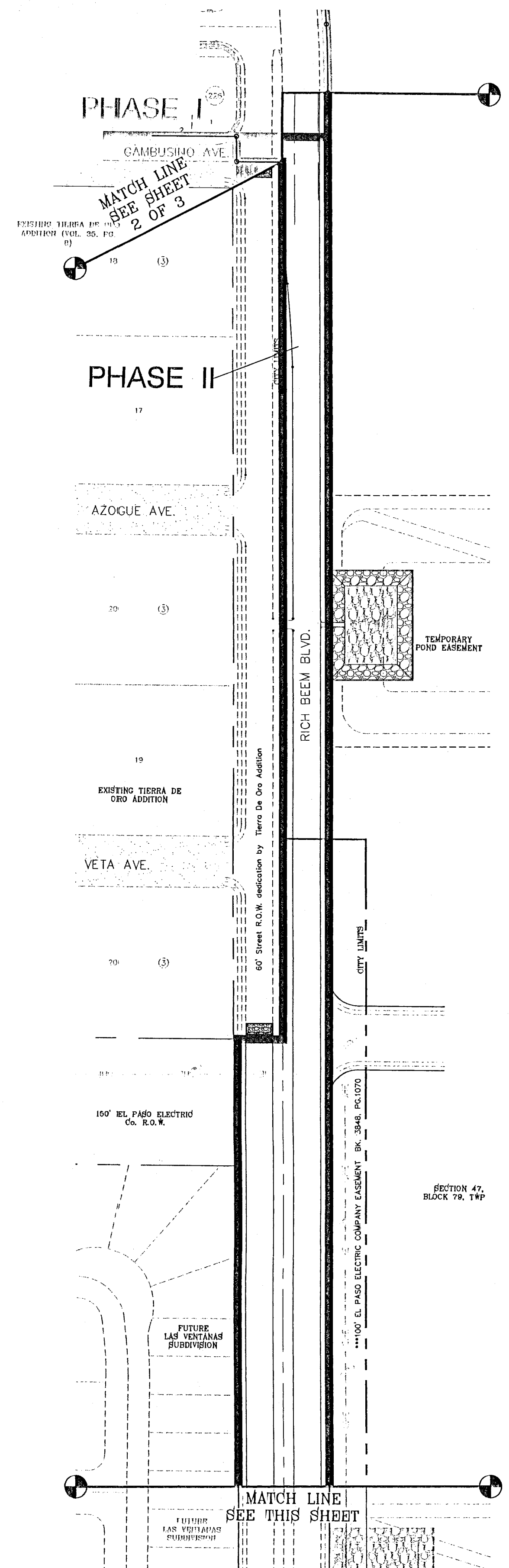


PROJECT NAME  
**TIERRA DEL ESTE  
 UNIT FIFTY-SIX**  
 BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79,  
 TOWNSHIP 2, EL PASO COUNTY, TEXAS, BEING 79.651 ACRES



**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GIS  
 1790 LEE WORTH ST. SUITE 400  
 EL PASO, TEXAS 79908





**DEVELOPMENT SERVICES DEPARTMENT**  
**SITE PLAN REVIEW**  
 Reviewed For Conformance For Conditions Related To:

<input checked="" type="checkbox"/> N/A Demolition Only	<input checked="" type="checkbox"/> N/A Sidewalks
<input checked="" type="checkbox"/> N/A Grading & Drainage	<input checked="" type="checkbox"/> N/A Driveways
<input checked="" type="checkbox"/> N/A Wheelchair Ramps	<input checked="" type="checkbox"/> N/A Retaining Rock Walls
<input checked="" type="checkbox"/> N/A On Site Parking Layout	<input checked="" type="checkbox"/> N/A On-Site Ponding of Storm Waters

Contractor Must Call 24 Hours Prior To Construction For Inspection  
 BY *Janie Wright* DATE *6-11-2009*

*\* FOR PHASING ONLY \**  
*REVISION TO PERMITTED SET*

**BENCHMARKS**  
 NGS MARKER: COPPER-CLAD STEEL ROD  
 DESIGNATED: X 1118" PD "CE0441"  
 ELEVATION: 3987.12

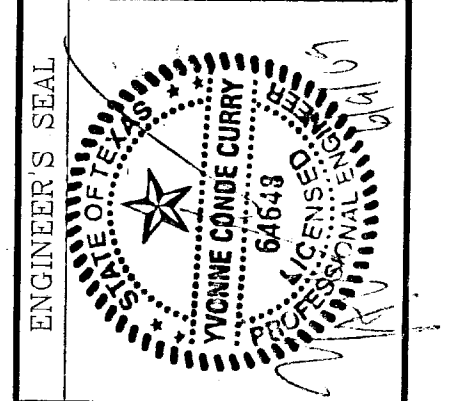
DATE	REVISIONS

**PROJECT NAME**  
**TIERRA DEL ESTE**  
**UNIT FIFTY SIX**

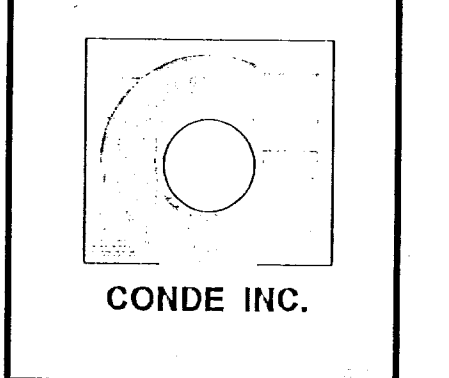
BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79, TOWNSHIP 2, RANGE 10, COUNTY OF PASO, TEXAS. BEING A PORTION OF SECTION 46, AND 47, BLOCK 79, TOWNSHIP 2, RANGE 10, COUNTY OF PASO, TEXAS. CONTAINING 79.561 ACRES.

**SCALE**  
 Horiz: 1"=100'  
 Vert: ---

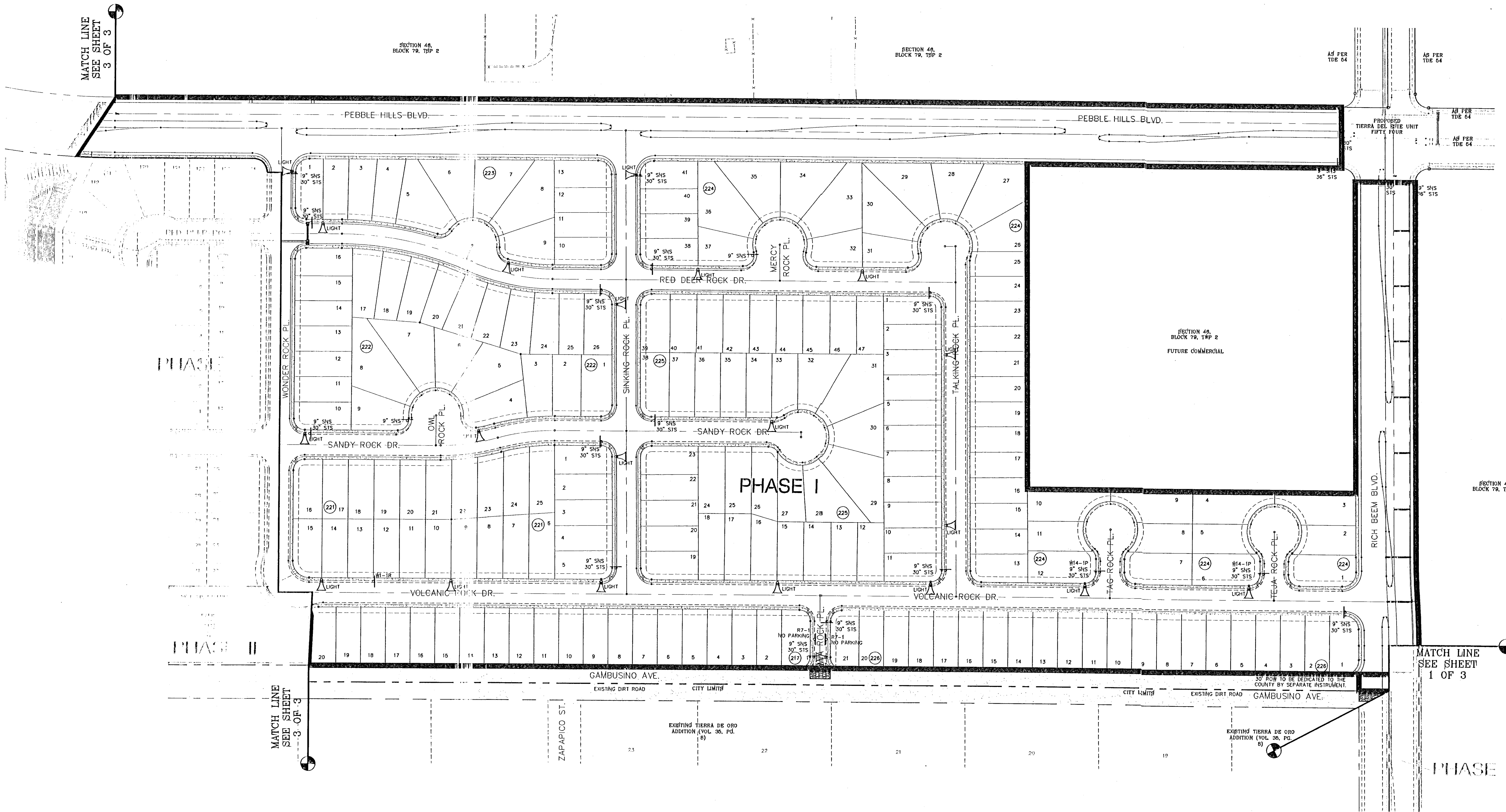
DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-53



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



**SHEET TITLE**  
**PHASE PLAN**



MATCH LINE  
SEE SHEET  
3 OF 3

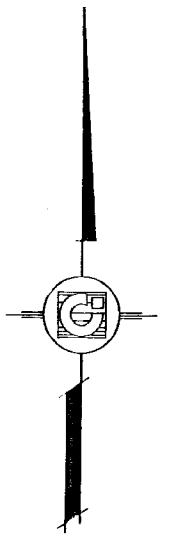
SECTION 46,  
BLOCK 79, TRP 2

SECTION 46,  
BLOCK 79, TRP 2

AS PER  
TDR 64

AS PER  
TDR 64

SCALE: 1"=100'



PHASE I

PHASE I

PHASE II

PHASE II

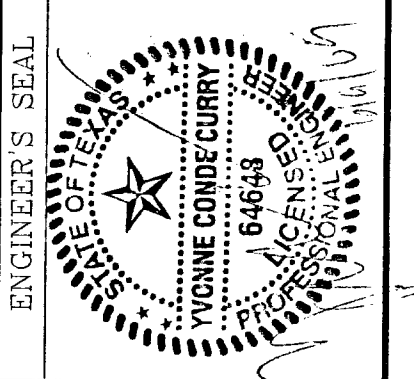
MATCH LINE  
SEE SHEET  
3 OF 3

MATCH LINE  
SEE SHEET  
1 OF 3

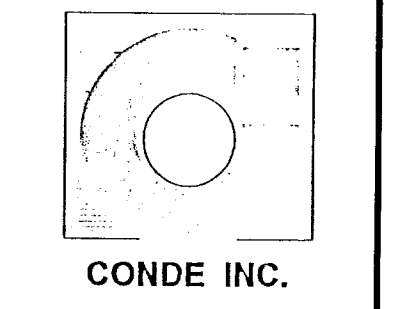
BENCHMARKS	
N/S MARKER: COPPER-CLAD STEEL ROD	DESIGNATION: CSD141
ELEVATION: 3927.12	REVISIONS:
DATE:	BY:

**TIERRA DEL ESTE  
UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.561 ACRES

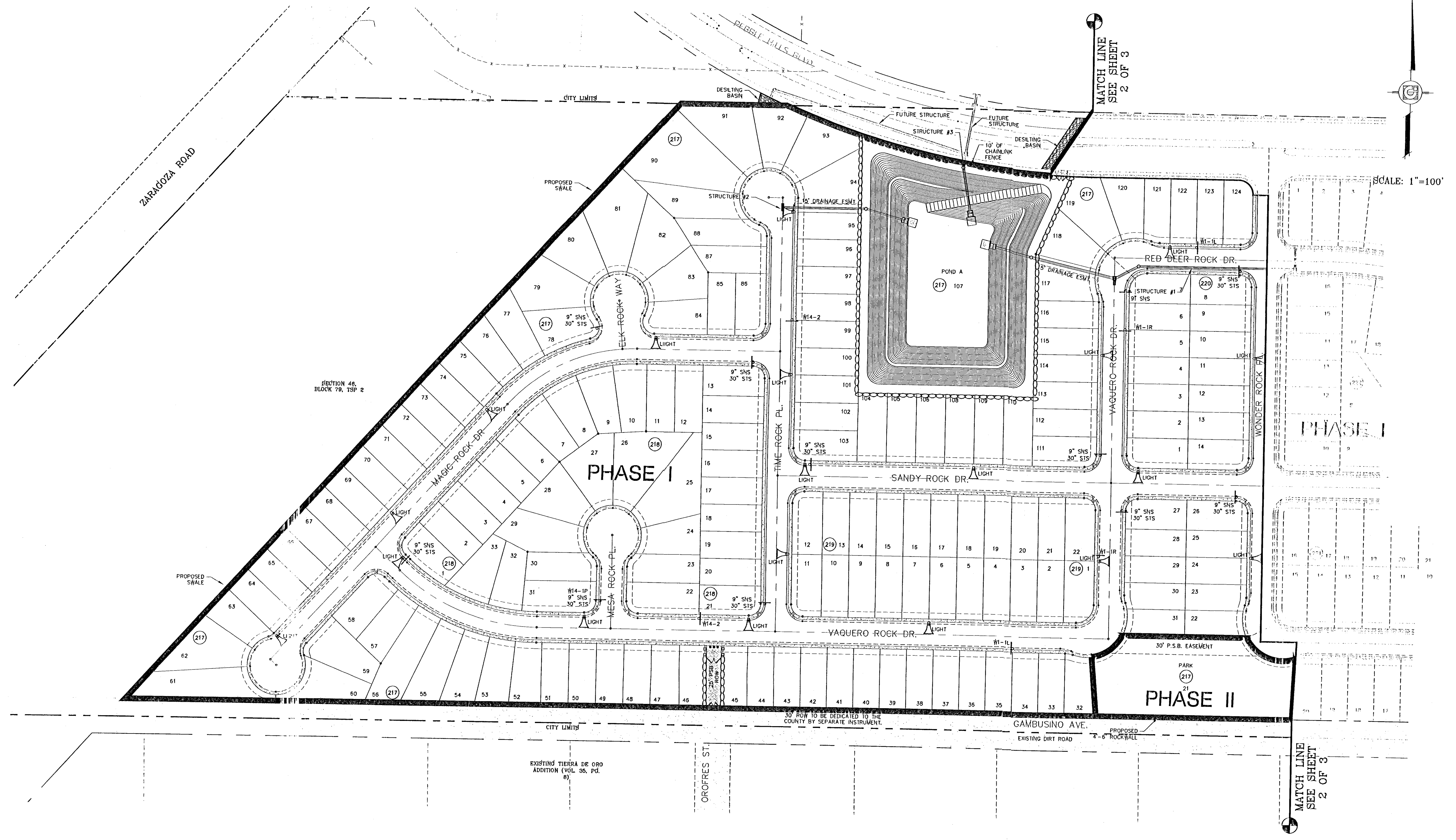
**SCALE**  
Horizontal: 1"=100'  
Vertical: ---  
DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1790 LEE TREVINO DR. STE. 400  
EL PASO, TEXAS 79926



SHEET TITLE  
**PHASE PLAN**



SCALE: 1"=100'

BENCHMARKS

NCS MARKER: COPPER-CLAD STEEL ROD  
 DESIGNATED: X 1118" PID "CC014"  
 ELEVATION: 3987.12

DATE	REVISIONS	BY

PROJECT NAME

**TIERRA DEL ESTE  
 UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
 CONTAINING 79.551 ACRES

SCALE

Horiz: 1"=100'  
 Vert: ---

DATE: MAY 2007  
 DESIGN BY: J.C.  
 INITIATED BY: O.M.  
 CHD. BY: J.C.  
 JOB NO.:

ENGINEER'S SEAL

**CONDE INC.**

ENGINEERING / PLANNING  
 SURVEYING / GPS

1790 LEE TREVINO DR. STE. 400  
 EL PASO, TEXAS 79936

CONDE INC.

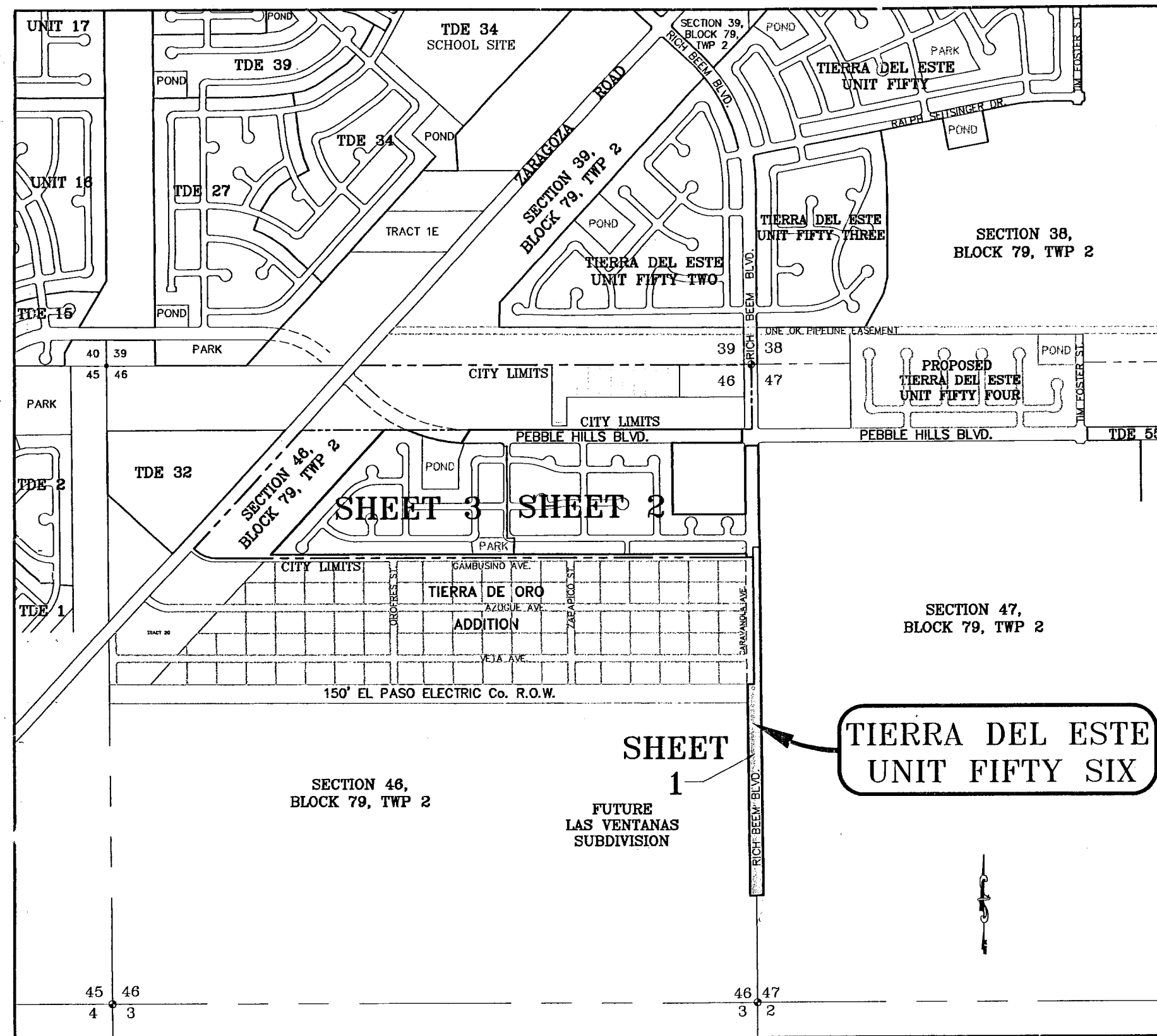
SHEET TITLE

**PHASE  
 PLAN**

SHT 3 OF 3

# TIERRA DEL ESTE UNIT FIFTY SIX

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
CONTAINING 79.551 ACRES



LOCATION MAP SCALE: 1" = 1000'

**Tierra Del Este Unit 56 Notes:**

Tierra Del Este Subdivision Unit 56 is subject to the Annexation Agreement entered into by Rancho Real IV LTD with the City of El Paso on January 31, 2006. Among other conditions the agreement required the following:

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

Water Meter Size	Water (A)	Wastewater (B)
5/8" x 3/4"	566	328
1"	1,398	809
1 1/2"	2,830	1,640
2"	4,528	2,624
3"	9,056	5,248
4"	14,150	8,200
6"	28,300	16,400
8"	52,627	30,813
10"	75,467	43,733

**NOTES:**

WATER AND SEWER SERVICES WILL BE EXTENDED TO THIS SUBDIVISION (TIERRA DEL ESTE UNIT 56) FROM EXISTING EL PASO WATER UTILITIES/PUBLIC SERVICE BOARD FACILITIES AND WILL BE CONSTRUCTED AND OPERABLE AS OF \_\_\_\_\_ DATE \_\_\_\_\_

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. \_\_\_\_\_ DATE \_\_\_\_\_

VEHICULAR ACCESS TO THOSE RESIDENTIAL LOTS ABUTTING PEBBLE HILLS BLVD., AND RICH BEEM BLVD., 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 \_\_\_\_\_

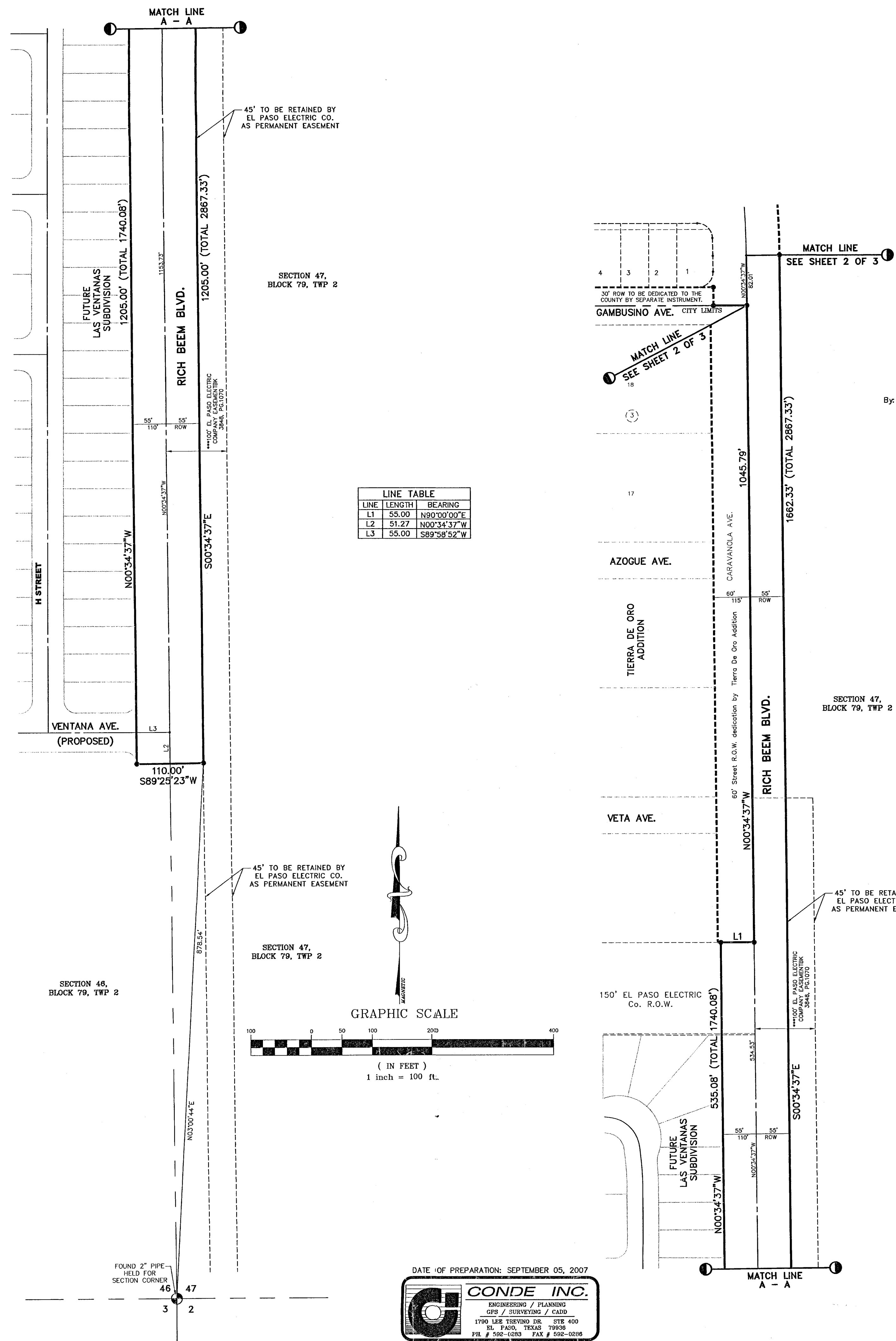
RESTRICTIVE COVENANTS FOR THIS SUBDIVISION ARE FILED IN THE OFFICE OF THE COUNTY CLERK, DEED AND RECORD SECTION. INSTRUMENT No. \_\_\_\_\_ DATE \_\_\_\_\_

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 48021201758, DATED SEPTEMBER 4, 1991 THIS PROPERTY IS IN FLOOD HAZARD ZONE X OUTSIDE THE 500 YEAR FLOOD-PLAIN.



DATE OF PREPARATION: SEPTEMBER 05, 2007

**DEDICATION**  
RANCHOS REAL XI, LTD., EL PASO ELECTRIC COMPANY, and GFA LIMITED PARTNERSHIP, property owners of this land hereby presents this plat and dedicate to the use of the public, the streets, drives, park, pond, PSB R.O.W., PSB easement, drainage easements, clear zone easement, and utility easements as hereon laid down and designated, including easements for overhead of service wires for pole type utilities, and buried service wires, conduits and pipes for underground utilities, and the right to ingress and egress for service and construction and the right to trim interfering trees and shrubs.

Witness our signature this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

RANCHOS REAL XI, LTD.  
BY: RANCHOS REAL DEVELOPERS, INC.,  
ITS GENERAL PARTNER

BY: EL PASO ELECTRIC COMPANY

GFA LIMITED PARTNERSHIP  
BY: GFA GENERAL LLC, ITS GENERAL PARTNER  
BY: THE UNDERSIGNED MANAGER OF GFA GENERAL, LLC

By: Douglas A. Schwartz, VICE-PRESIDENT  
By: John A. Whitacre, VICE-PRESIDENT  
By: Albert Gamboa, MANAGER

**ACKNOWLEDGEMENT**  
STATE OF TEXAS  
COUNTY OF EL PASO  
Before me, the undersigned authority, on this day personally appeared Douglas A. Schwartz, Vice-President of RANCHOS REAL DEVELOPERS, INC., GENERAL PARTNER OF RANCHOS REAL XI, A TEXAS LIMITED PARTNERSHIP, ON BEHALF OF OF SAID LIMITED PARTNERSHIP, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same as the act and deed of said corporation for the purpose and considerations herein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Notary Public in and for El Paso County My Commission Expires \_\_\_\_\_

**ACKNOWLEDGEMENT**  
STATE OF TEXAS  
COUNTY OF EL PASO  
Before me, the undersigned authority, on this day personally appeared John A. Whitacre, Vice-President, Transmission and Distribution of EL PASO ELECTRIC 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 corporation for the purpose and considerations herein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Notary Public in and for El Paso County My Commission Expires \_\_\_\_\_

**ACKNOWLEDGEMENT**  
STATE OF TEXAS  
COUNTY OF EL PASO  
Before me, the undersigned authority, on this day personally appeared Albert Gamboa, Manager of GFA LIMITED PARTNERSHIP, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same as the act and deed of said corporation for the purpose and considerations herein expressed.

Given under my hand and seal of office this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

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 \_\_\_\_\_ day of \_\_\_\_\_, 2007.

Secretary \_\_\_\_\_ Chairperson \_\_\_\_\_

Approved for filing this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

**FILING**  
Filed and recorded in the office of the County Clerk of El Paso County, Texas, this \_\_\_\_\_ day of \_\_\_\_\_, 2008, 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 plat represents a survey made on the ground by me or under my supervision and complies with the current Texas Board of Professional Land Surveyor Professional and Technical Standards.

Yvonne Conde Curry, P.E.  
Ron R. Conde,  
Registered Professional Land Surveyor  
Texas License No. 5152

103109

Sheet 1 of 3





**GENERAL NOTES:**

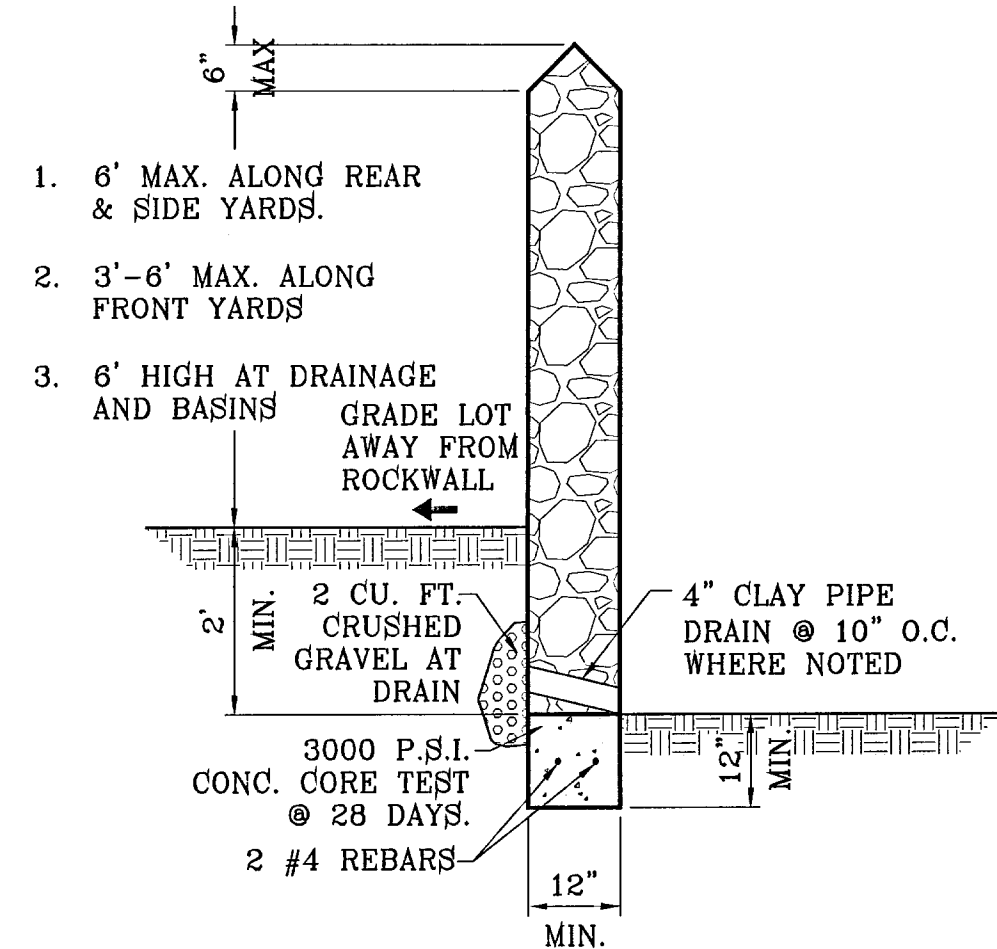
1. IMPROVEMENT WITHIN CITY R.O.W. SHALL COMPLY WITH TITLE 19- SUBDIVISION ORDINANCE - "SUBDIVISION IMPROVEMENT DESIGN STANDARDS".
2. CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES FOR THE MANAGEMENT OF STORM WATER RUNOFF ENTERING, EXITING AND ON SITE DURING THE COURSE OF THE CONSTRUCTION. TEMPORARY BERMS, DESILTING BASIN, CHECK DAMS, PIPING ETC. SHALL BE PROVIDED AS NECESSARY.
3. 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.
4. 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.
5. EQUIPMENT OF A CONDITION AND DESIGN SUFFICIENT TO ENSURE A THOROUGH AND WORKMANLIKE PROSECUTION OF THE PROJECT SHALL BE USED AT ALL TIMES.
6. ALL ELEVATIONS ARE TO CITY DATUM UNLESS OTHERWISE NOTED.
7. ALL WASTE MATERIALS INCLUDING EXCAVATION, CURBING, PAVEMENT, ETC. SHALL BE DISPOSED OF AS DESIGNATED BY THE OWNER OR HIS REPRESENTATIVE.
8. 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.
9. SAFE AND REASONABLE ACCESS FOR THIS SITE MUST BE MAINTAINED AT ALL TIMES DURING THE LIFE OF THE PROJECT.
10. ANY CAVITY REMAINING OPEN DURING NONWORKING HOURS MUST BE GUARDED BY FLASHER TYPE BARRICADES WITH STRINGERS PLACED BETWEEN THE TOPS OF THE BARRICADES.
11. DEVELOPER SHALL COMPLY WITH SECTION 13.08.170 "EXCESSIVE PAVING CUTS" AS PER EL PASO MUNICIPAL CODE.

**GENERAL EARTHWORK NOTES:**

1. ALL GRADING SHALL CONFORM TO THE CITY OF EL PASO GRADING ORDINANCE SECTION 18.44.
2. 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.
3. 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" RCPEs AND RECOMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS PER ASTM D-1557. ALL BACKFILL MATERIAL TO BE PLACED IN HORIZONTAL LAYERS NOT TO EXCEED EIGHT (8") INCH LIFTS AND COMPACTED AS BEFORE.
4. TEMPORARY DUST AND EROSION CONTROL MEASURES SHALL BE PROVIDED FOR AT ALL TIMES. SEE SHEET 6 OF 44.
5. 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.
6. ALL SLOPES AND SWALES WITHIN LOTS SHALL BE MAINTAINED BY LOT OWNER.

**CONSTRUCTION NOTES:**

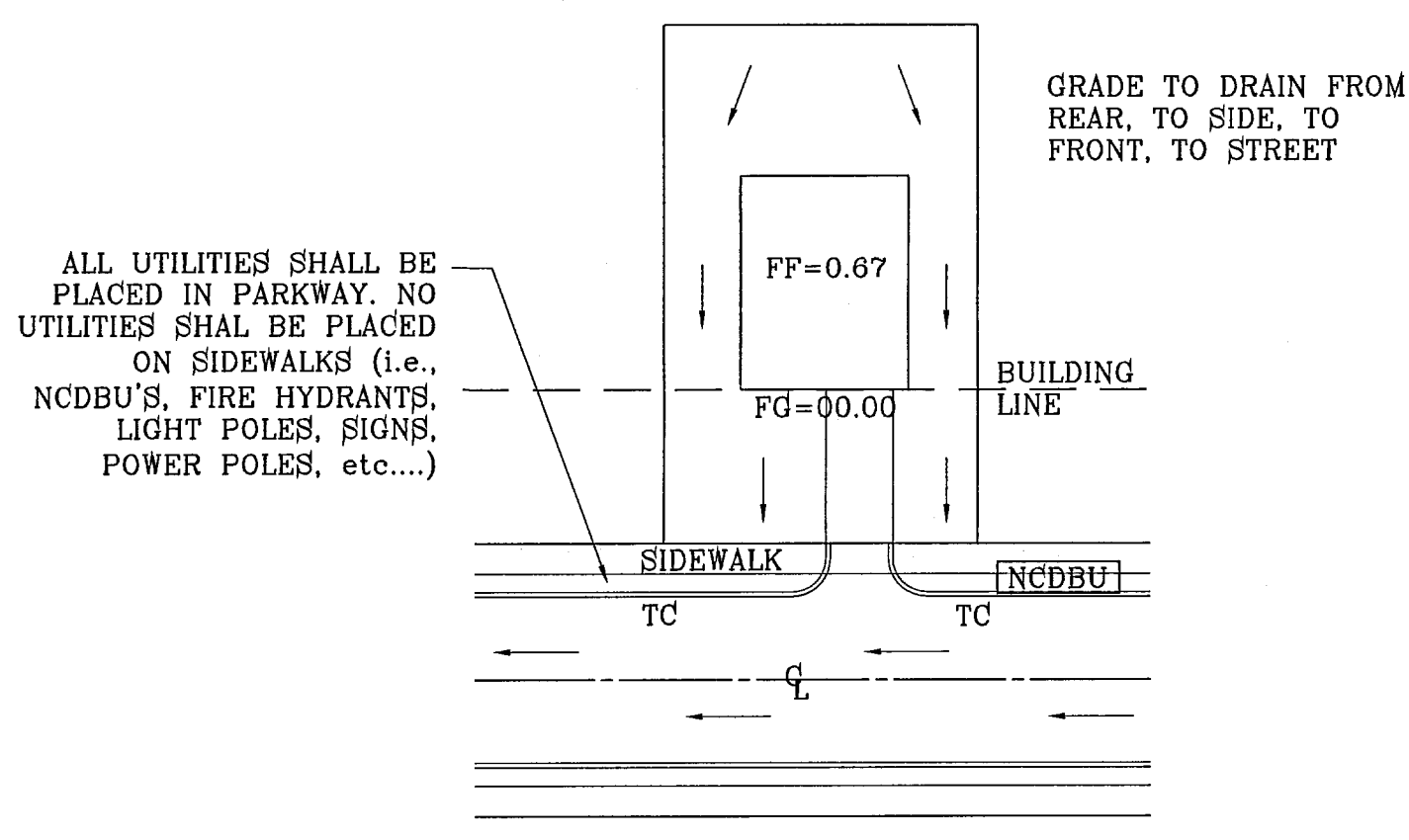
1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
5. RETAINING WALLS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



**ROCKWALL DETAIL**  
SCALE: 1"=2'

**ROCKWALL NOTES:**

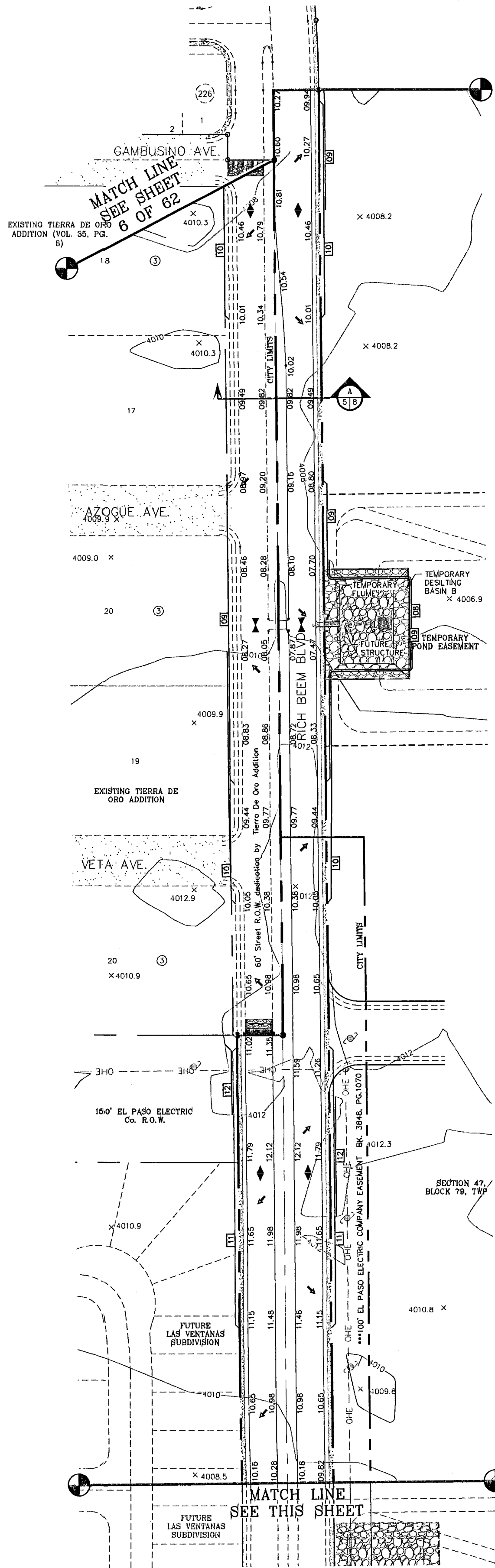
1. STONE FOR ROCKWALLS SHALL BE AS NEARLY UNIFORM IN SECTIONS AS IS PRACTICABLE. THE STONE SHALL BE DENSE AND RESISTANT OF AIR AND WATER.
2. MORTAR MUST BE TYPE "S" 1800 P.S.I. AS PER ASTM C270.
3. MASONRY WALLS OVER SIX (6) FEET IN HEIGHT AND THOSE USED FOR EARTH RETENTION OVER TWO (2) FEET MUST BE DESIGNED AS STRUCTURAL WALLS.
4. 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.
5. ROCKWALL MORTAR JOINTS MUST NOT EXCEED TWO (2) INCHES.
6. PROVIDE ONE (1) INCH EXPANSION JOINTS AT EVERY 100 FEET.
7. ALL STONE SHALL BE THOROUGHLY SOAKED BEFORE BEING PLACED.
8. NO RIVER ROCK SHALL BE ALLOWED.



**TYPICAL LOT GRADING**  
SCALE: 1"=40'

**LEGEND**

05.26	PROPOSED SPOT ELEVATIONS
F.G.=05.26	PROPOSED FINISHED GROUND
▲	HIGH POINT
▼	LOW POINT
4000	EXISTING GRADE
4000 X	EXISTING SPOT GRADE
4000	PROPOSED CONTOUR ELEVATION
⊖	PROPOSED ROCK WALL
⊖	PROPOSED RETAINING WALL



SCALE: 1"=100'

SCALE: 1"=100'

DETAIL No. SECTION DETAIL SHEET  
SECTION REFERENCE SHEET

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

**BENCHMARKS**

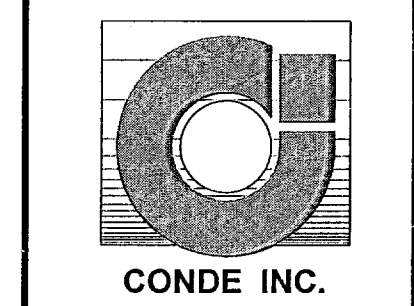
NS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: X 1116" PD "CE0141"	ELEVATION: 3987.12
DATE	BY	REVISIONS

**PROJECT NAME**  
**TERRA DEL ESTE UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.561 ACRES.

**SCALE**  
Horizontal: 1"=100'  
Vertical: ---

DATE: MAY 2007  
DESIGN BY: J.C.  
INITIATED BY: O.M.  
CHKD. BY: J.G.  
JOB NO.: 207-53

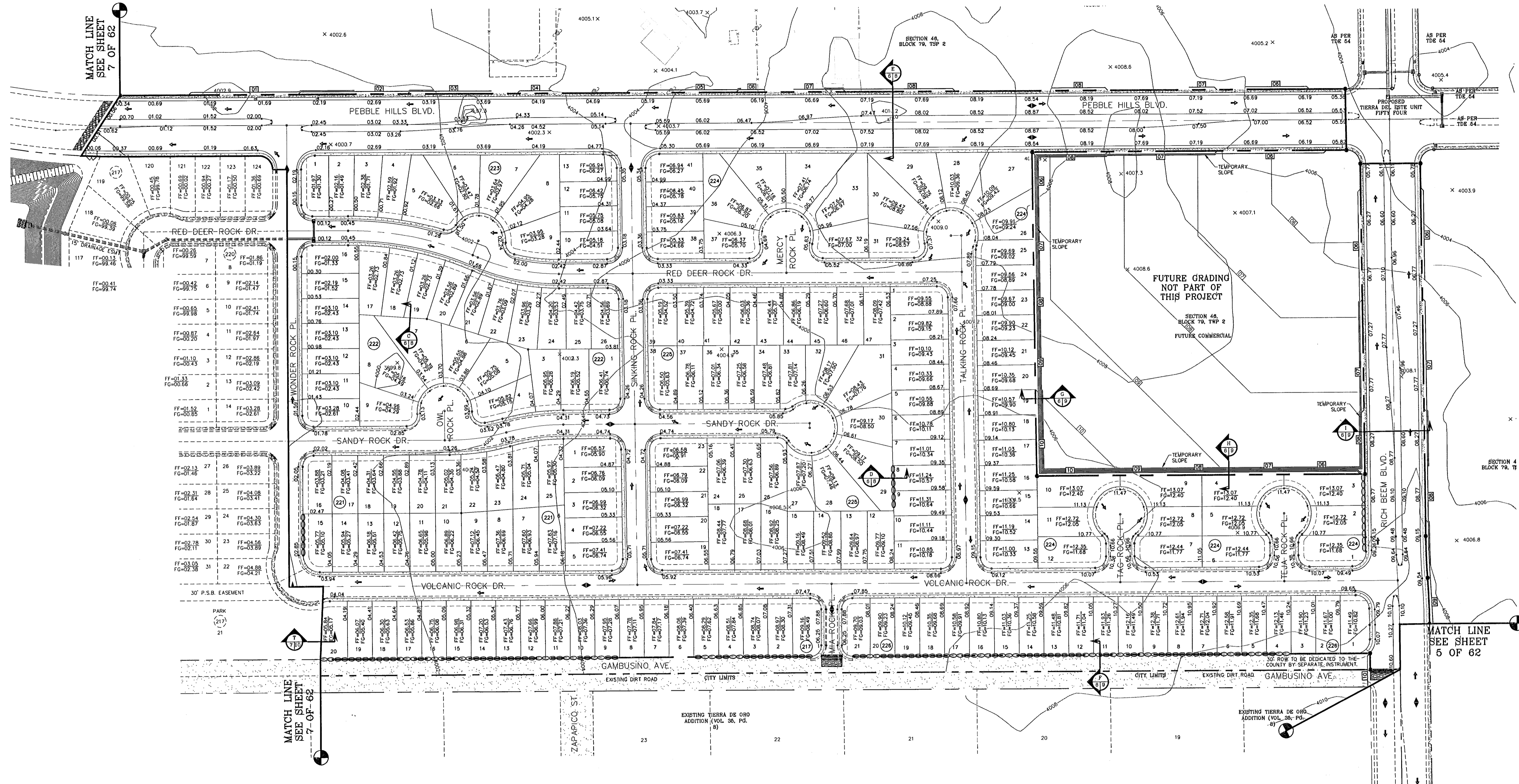
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1790 LEE TREVINO DR. STE. 400  
EL PASO, TEXAS 79936



**SHEET TITLE**  
**GRADING PLAN**

103109  
TIERRA DEL ESTE UNIT FIFTY SIX





MATCH LINE  
SEE SHEET  
7 OF 62

SCALE: 1"=100'

MATCH LINE  
SEE SHEET  
5 OF 62

DETAIL No. SECTION DETAIL SHEET  
SECTION REFERENCE SHEET

**LEGEND**

05.26	PROPOSED SPOT ELEVATIONS
F.G.=05.26	PROPOSED FINISHED GROUND
	HIGH POINT
	LOW POINT
4000	EXISTING GRADE
4000 X	EXISTING SPOT GRADE
	PROPOSED CONTOUR ELEVATION
	PROPOSED ROCK WALL
	PROPOSED RETAINING WALL

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

**BENCHMARKS**

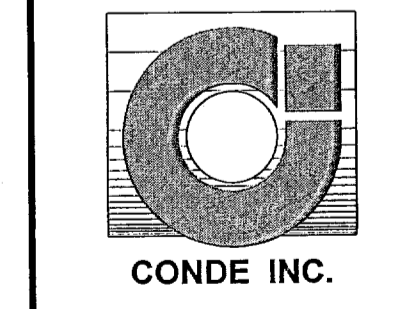
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: 1510 02041	ELEVATION: 887.12
DATE: 12-06-07	CITY: REDLINES AS PER 11-19-07 COMMENTS	O.M.
DATE: 02-06-08	POND AND CUL-DE-SAC REVISIONS	O.M.
DATE: 04-23-08	CITY REDLINES AS PER 04-16-08 COMMENTS	O.M.

**PROJECT NAME**  
**TERRA DEL ESTE UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.651 ACRES.

**SCALE**  
Horizontal: 1"=100'  
Vertical: ---  
DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-63



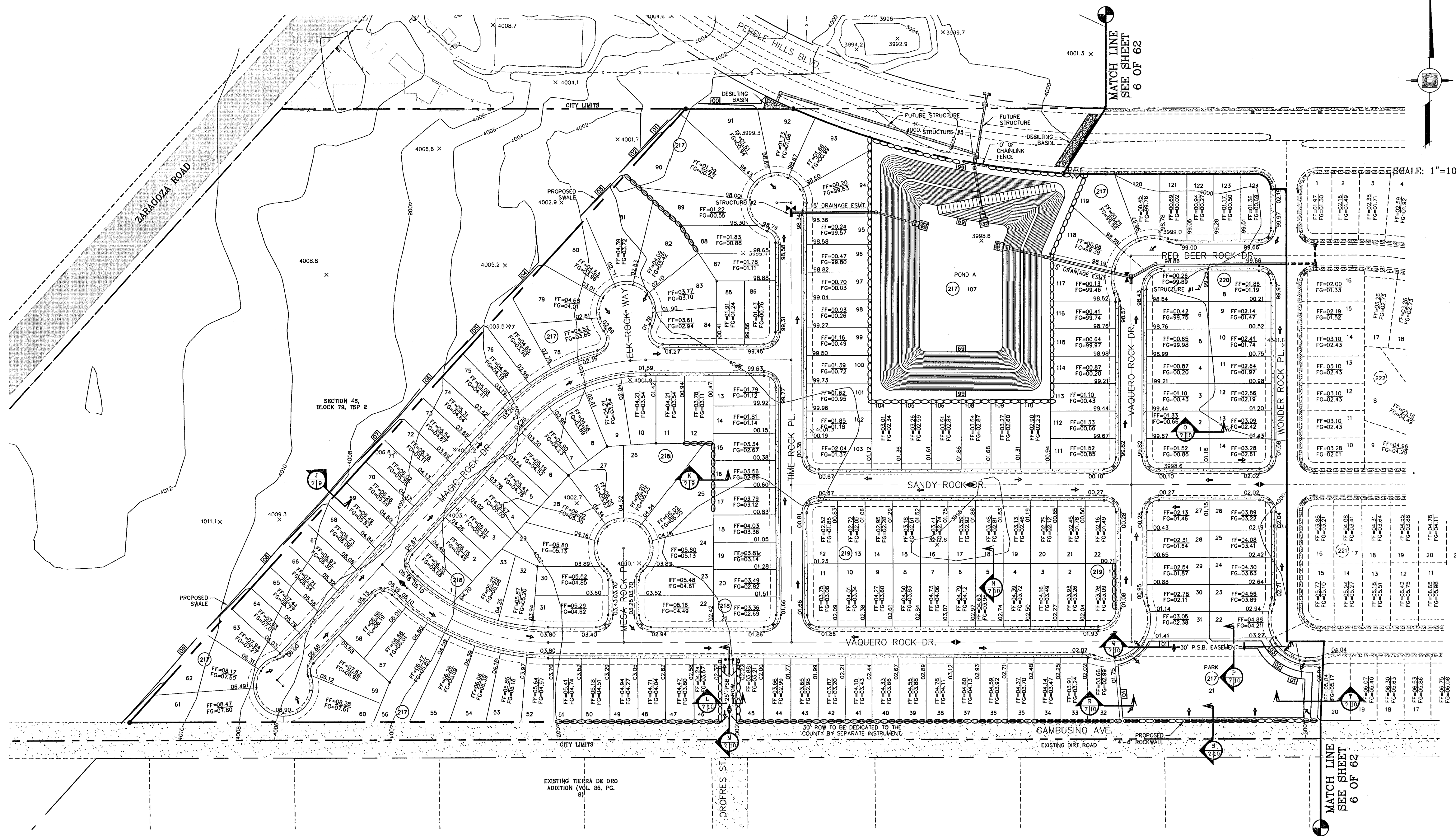
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1790 LBE TREVIEW DR. STE 400  
BL. PASO, TEXAS 79936



**SHEET TITLE**  
**GRADING PLAN**

103109  
TERRA DEL ESTE UNIT FIFTY SIX

SHT. 6 OF 62



DETAIL No.  
 SECTION DETAIL SHEET  
 SECTION REFERENCE SHEET

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

LEGEND	
05.26	PROPOSED SPOT ELEVATIONS
F.G.=05.26	PROPOSED FINISHED GROUND
	HIGH POINT
	LOW POINT
4000	EXISTING GRADE
4000 X	EXISTING SPOT GRADE
4000	PROPOSED CONTOUR ELEVATION
	PROPOSED ROCK WALL
	PROPOSED RETAINING WALL

BENCHMARKS

NGS MARKER: COPPER-CLAD STEEL ROD  
 DESIGNATED: X 1118 "PID" "CE0141"  
 ELEVATION: 3887.12

REVISIONS  
 DATE: 12-07-07 CITY REDLINES AS PER 04-15-07 COMMENTS O.M.  
 04-29-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

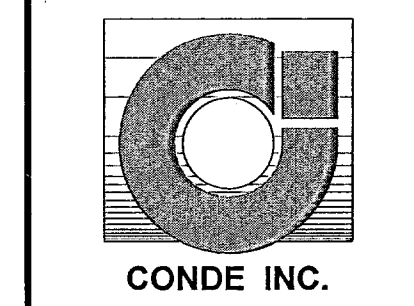
PROJECT NAME  
**TERRIA DEL ESTE  
 UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
 CONTAINING 79.661 ACRES

SCALE  
 Horiz: 1"=100'  
 Vert: ---

DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHD. BY: Y.C.  
 JOB NO.: 207-63

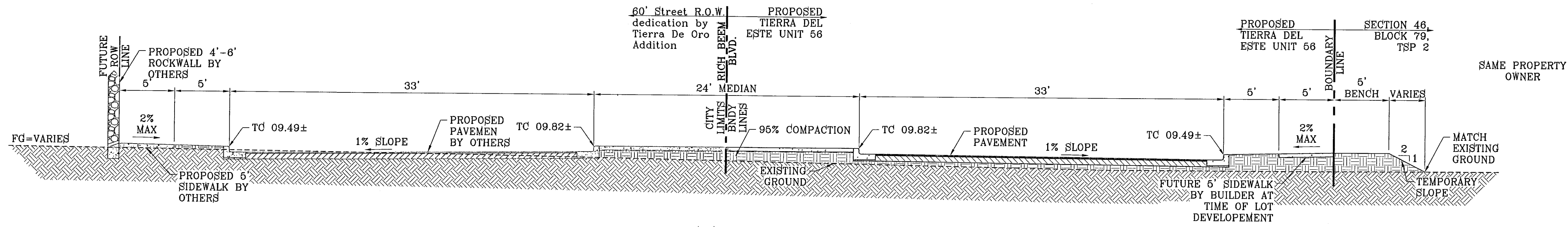
ENGINEER'S SEAL  
 STATE OF TEXAS  
 YOUNG CONDE CURRY  
 8468  
 PROFESSIONAL ENGINEER  
 LICENSE NO. 10444

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

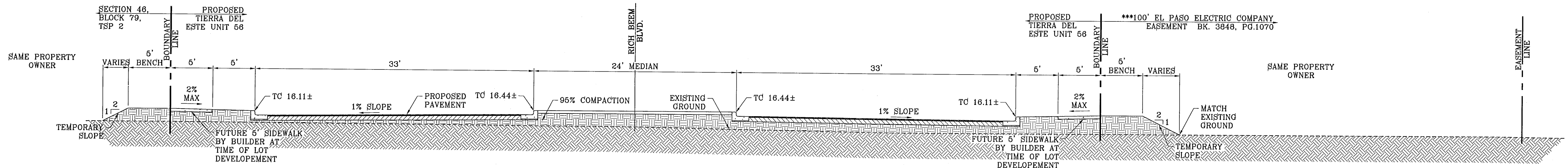


SHEET TITLE  
**GRADING  
 PLAN**

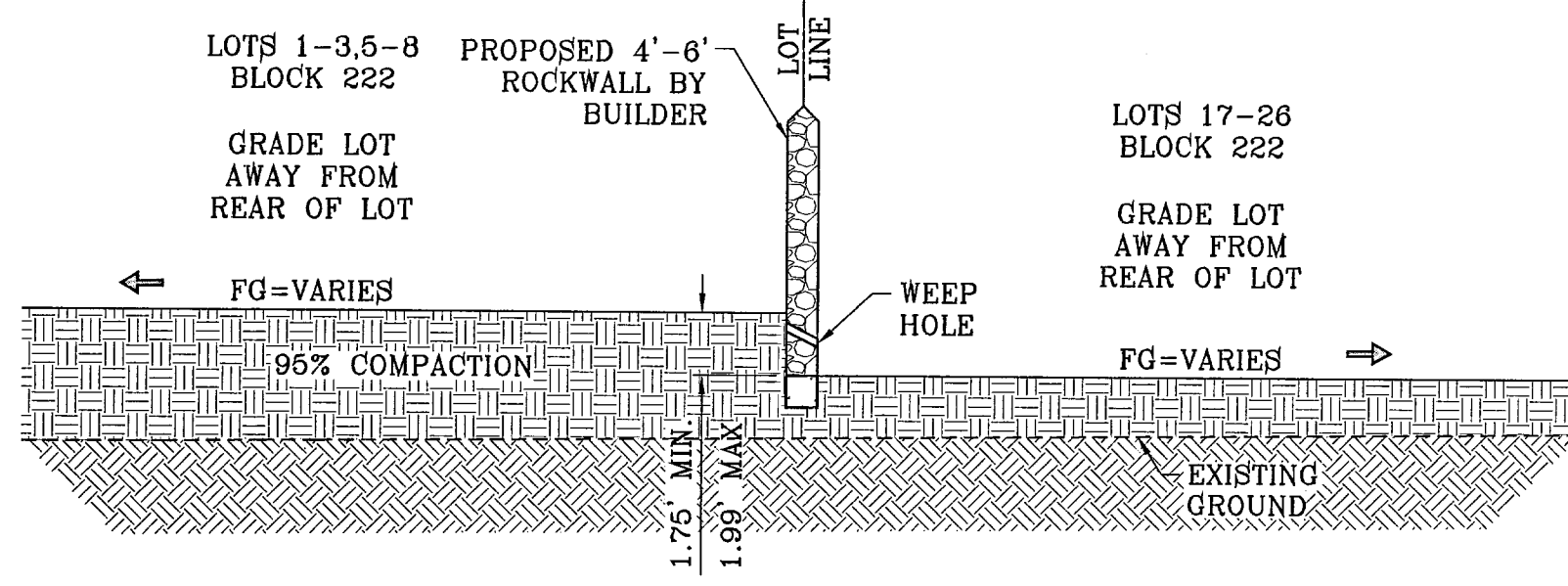
**103109**  
 TERRIA DEL ESTE UNIT FIFTY SIX



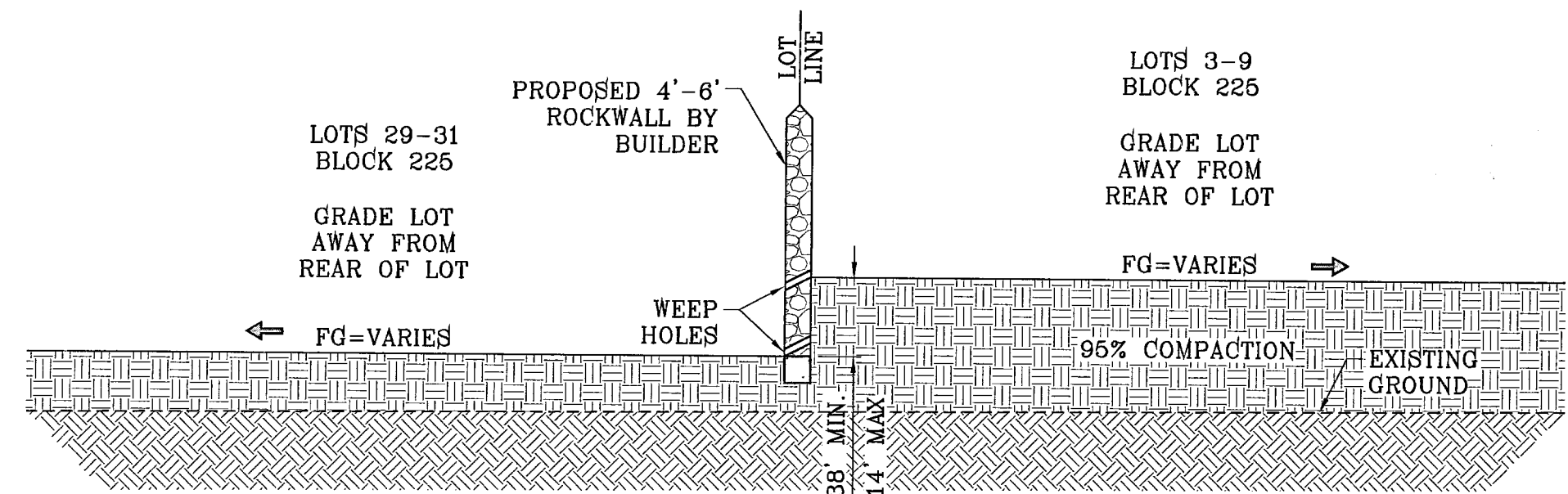
SECTION A  
SCALE: 1"=6'



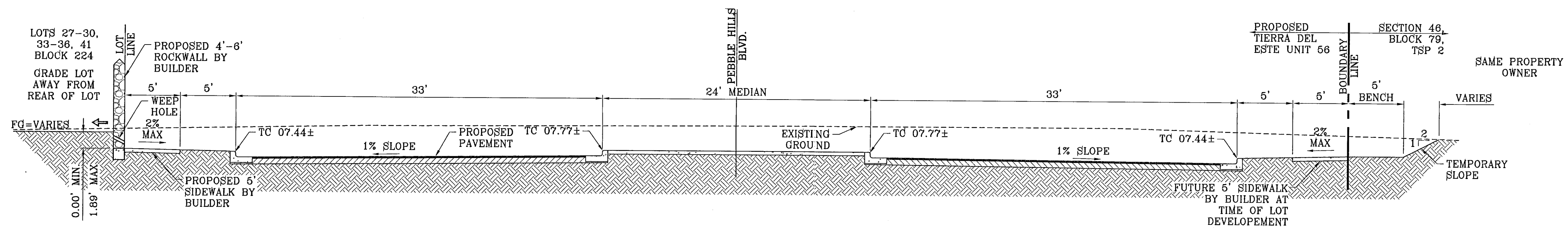
SECTION B  
SCALE: 1"=6'



SECTION C  
SCALE: 1"=6'



SECTION D  
SCALE: 1"=6'



SECTION E  
SCALE: 1"=6'

BENCHMARKS

NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: X 1118" PID "CE041"	ELEVATION: 3867.12
DATE: 12-06-07	CITY REDLINES: REVISED 11-19-07 COMMENTS: O.M.	02-06-08
FOND AND CUL-DE-SAC REVISIONS		
C.M.		

PROJECT NAME  
**TIERRA DEL ESTE  
UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.561 ACRES

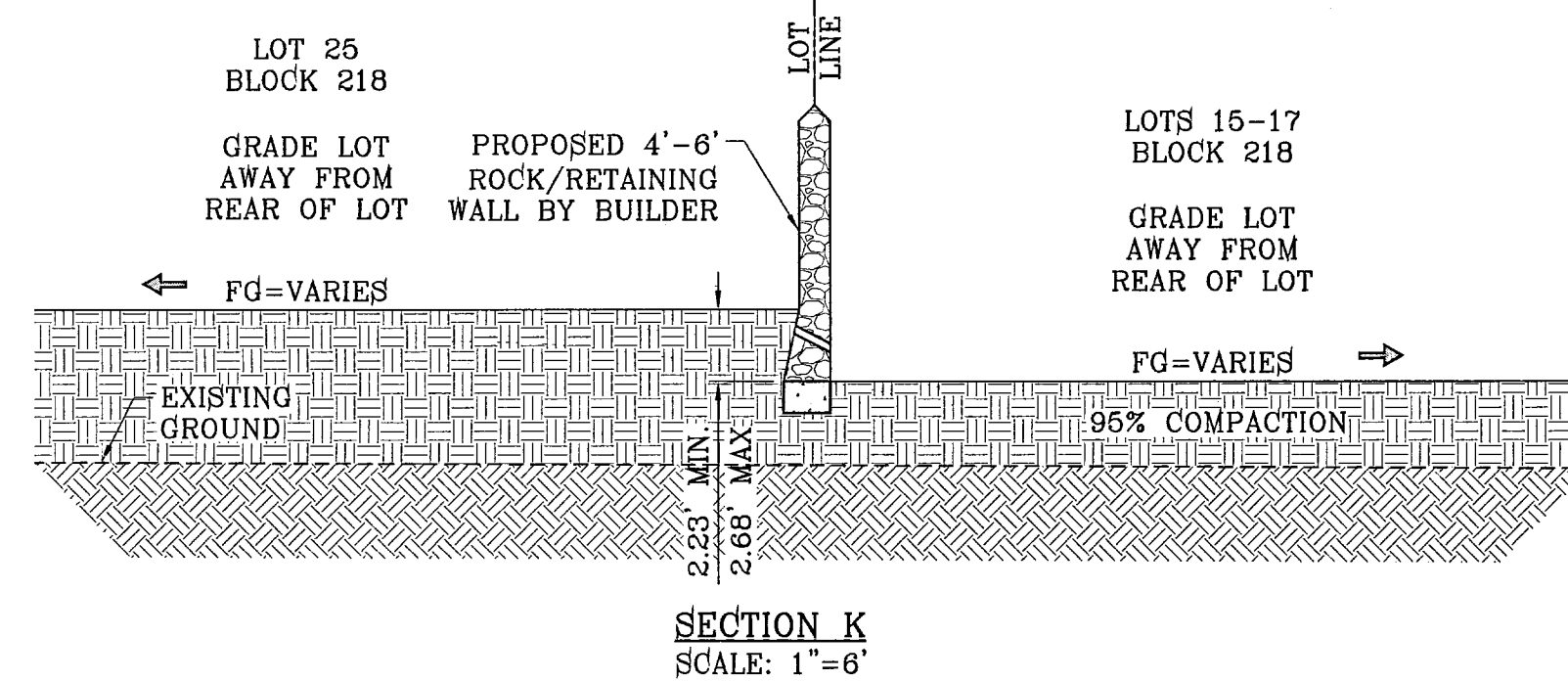
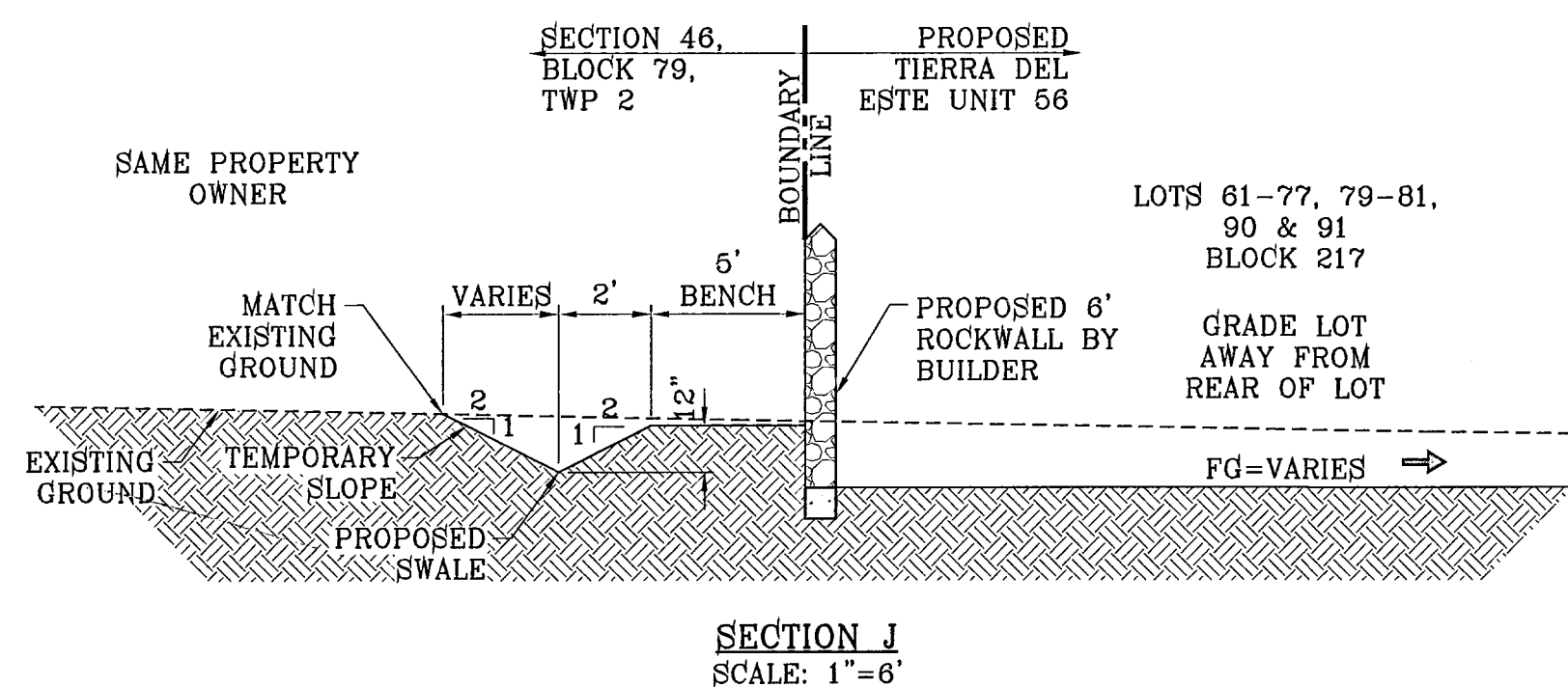
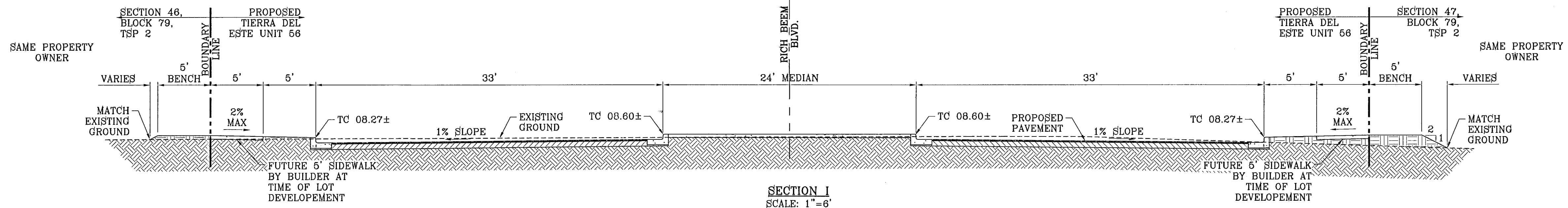
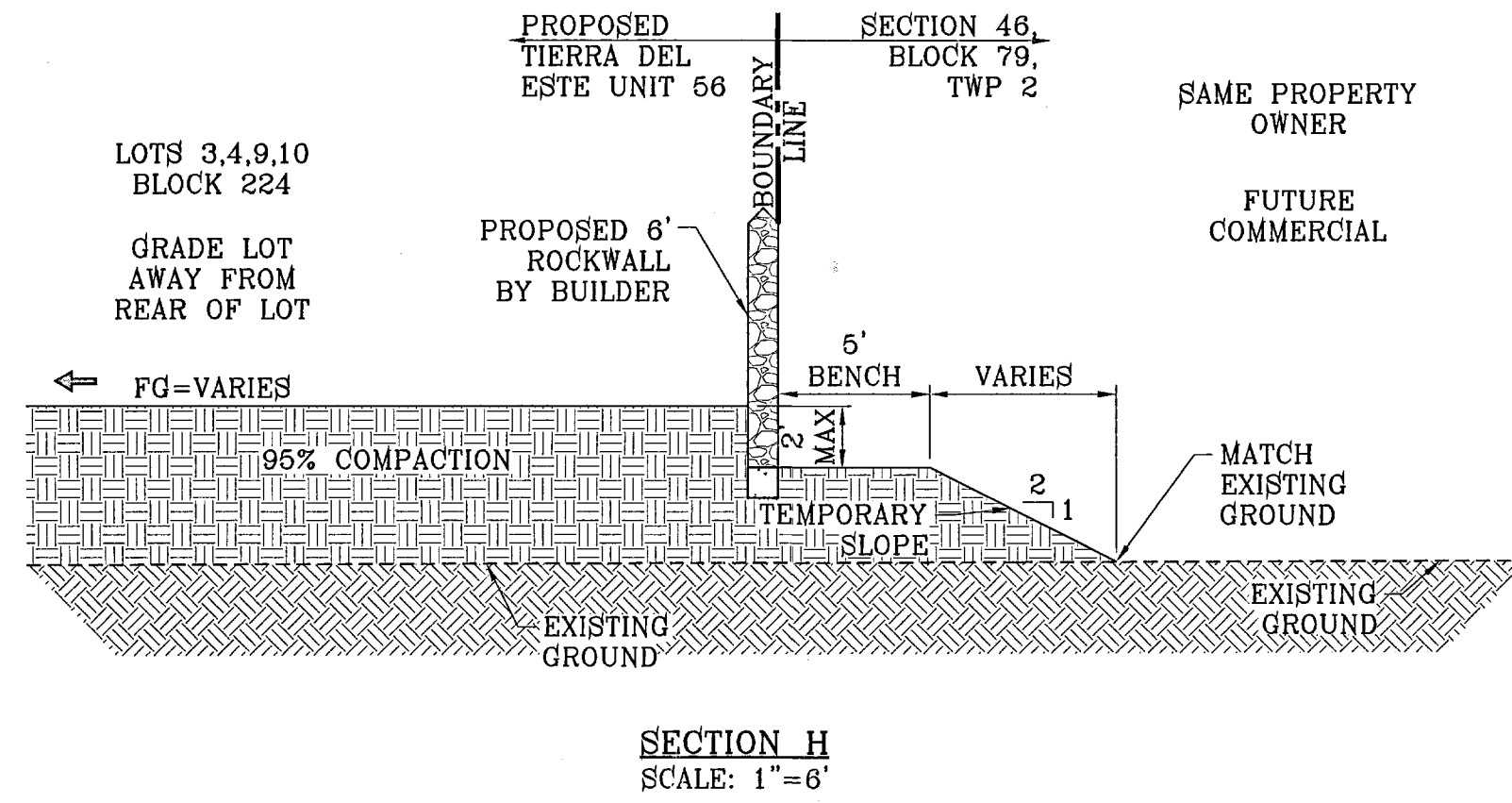
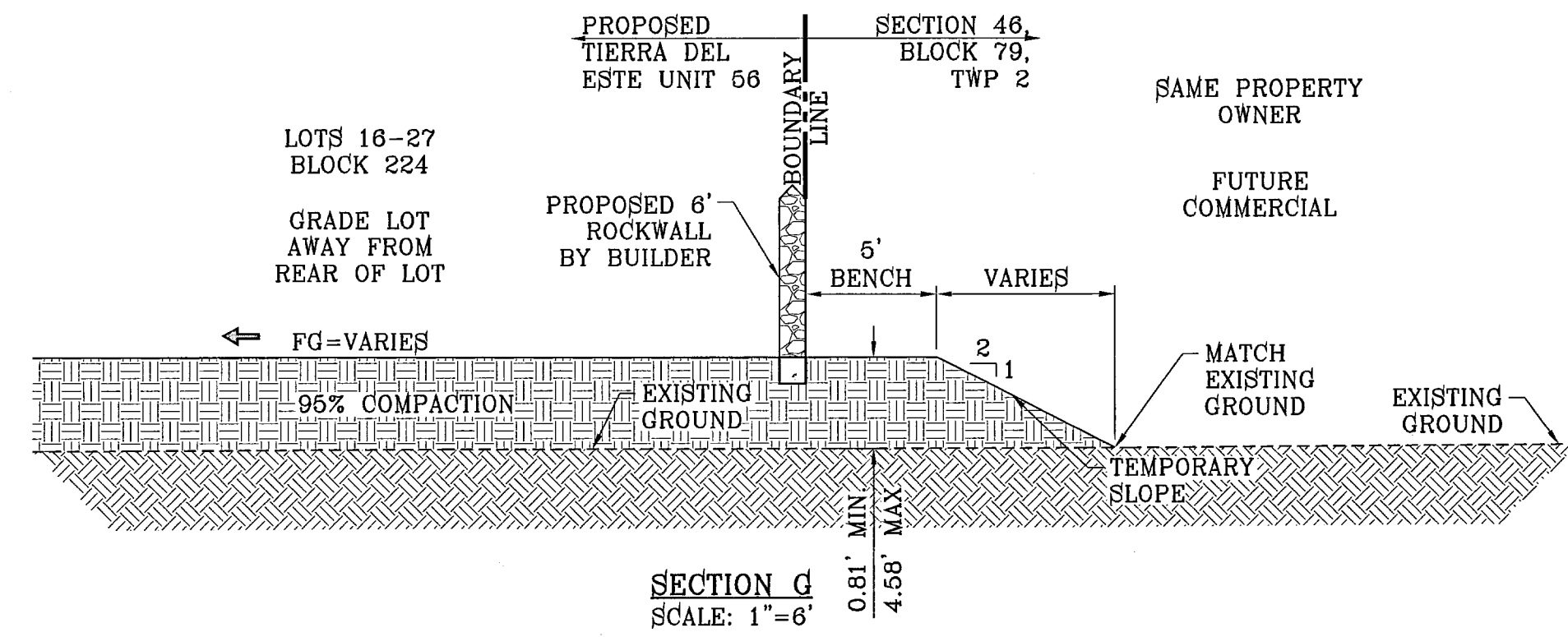
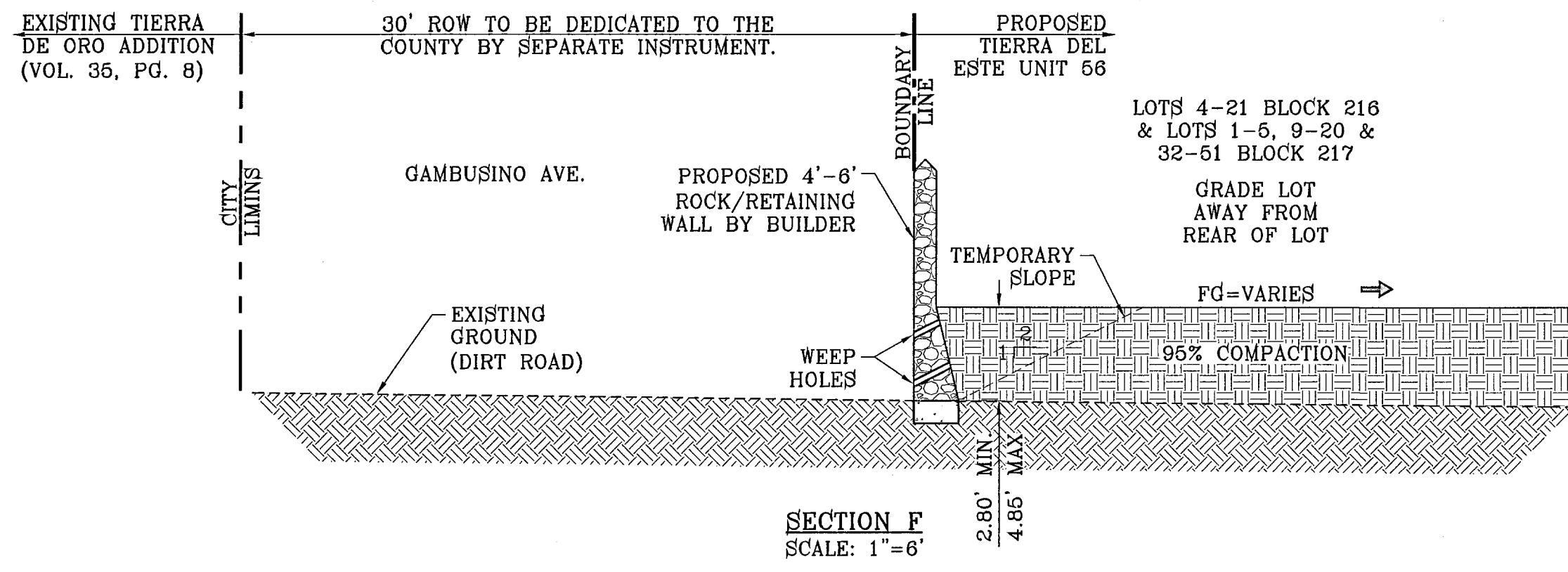
SCALE

Horiz: 1"=6'  
Vert: ---

DATE: MAY 2007  
DESIGN BY: Y.G.  
INITIATED BY: O.M.  
CHKD. BY: Y.G.  
JOB NO.: 207-68

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

1700 LEB TREVINO TR. SUITE 400  
EL PASO, TEXAS 79966

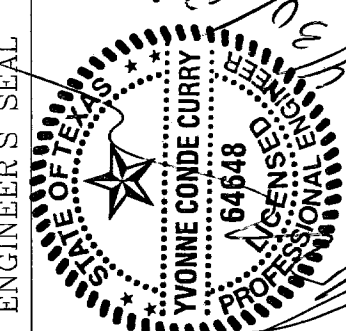


BENCHMARKS

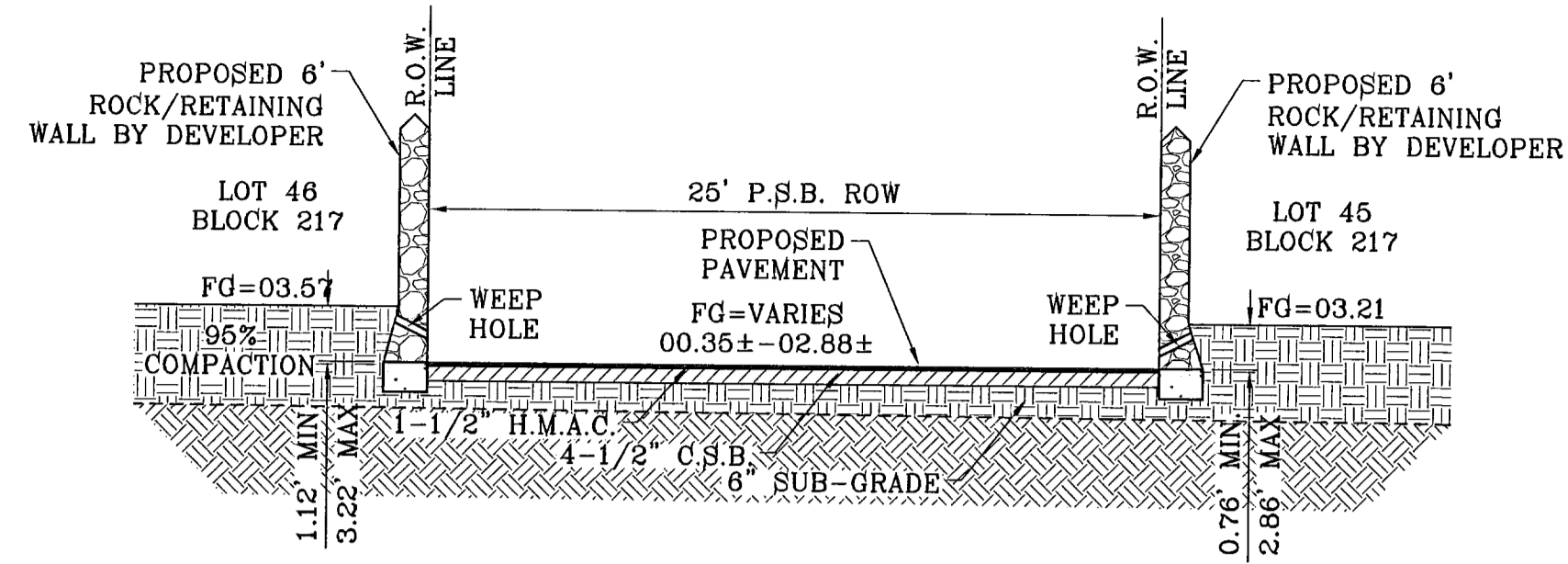
NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: TX 1116 AND 15041
DATE: 03/12	BY: [Signature]
12-08-07 CITY REDLINES AS PER 11-19-07 COMMENTS O.M.	
04-23-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.	

PROJECT NAME  
**TIERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES

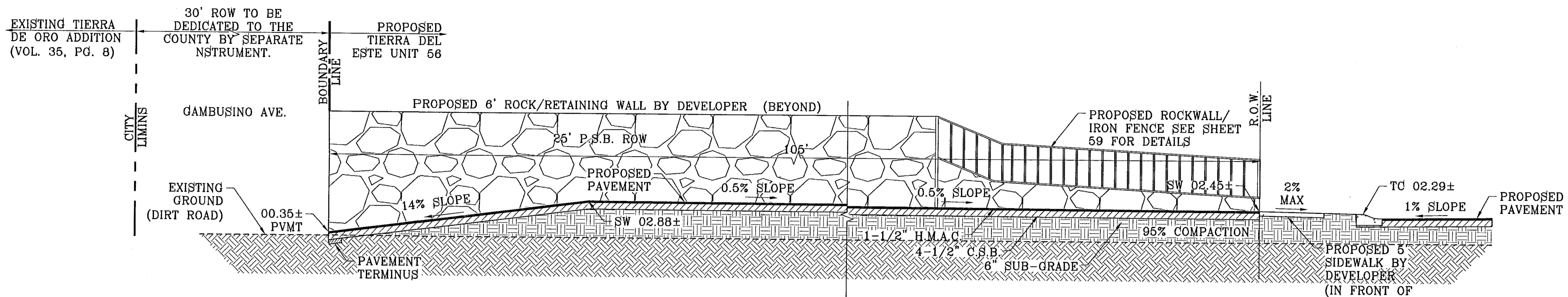
SCALE  
 Horiz: 1"=6'  
 Vert: ---  
 DATE: MAY 2007  
 DESIGN BY: Y.G.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.G.  
 JOB NO.: 207-55

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

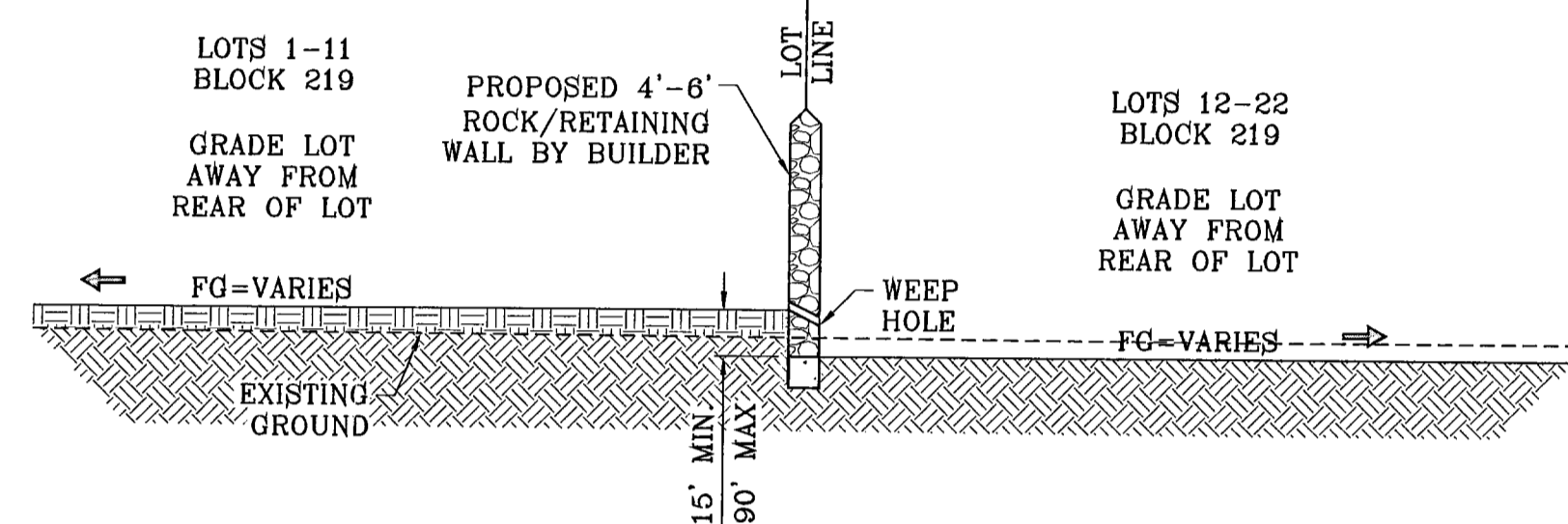
SHEET TITLE  
**GRADING SECTIONS**  
 103109  
 TIERRA DEL ESTE UNIT FIFTY SIX  
 SHT 9 OF 62



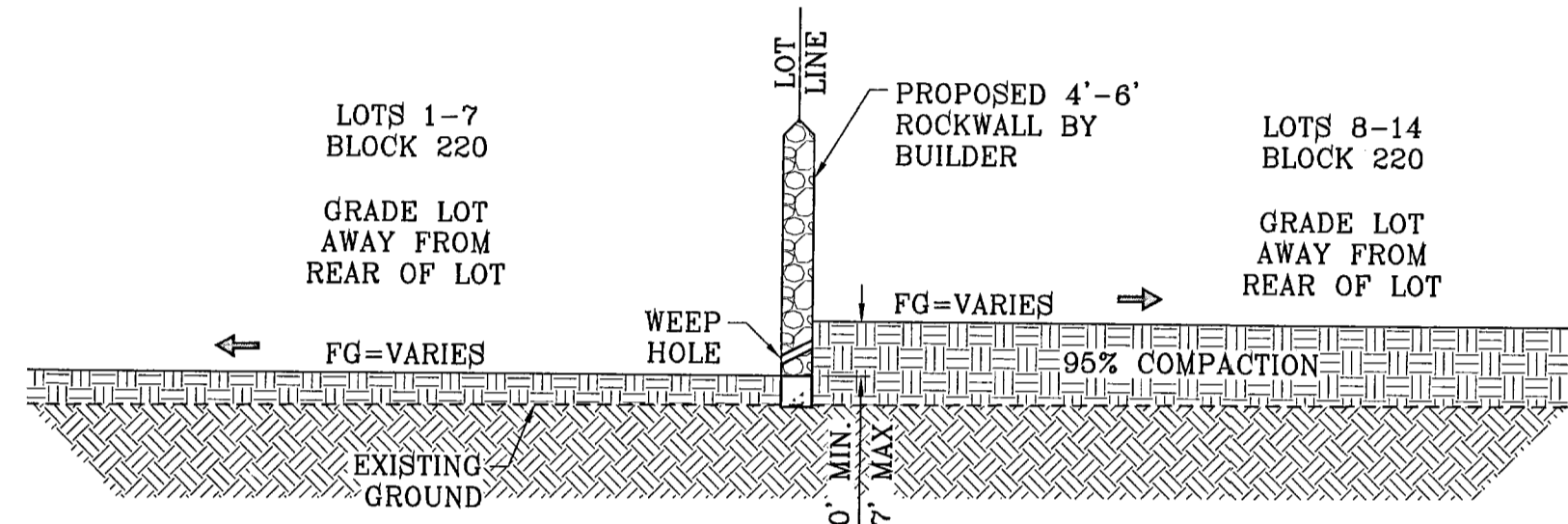
SECTION L  
SCALE: 1"=6'



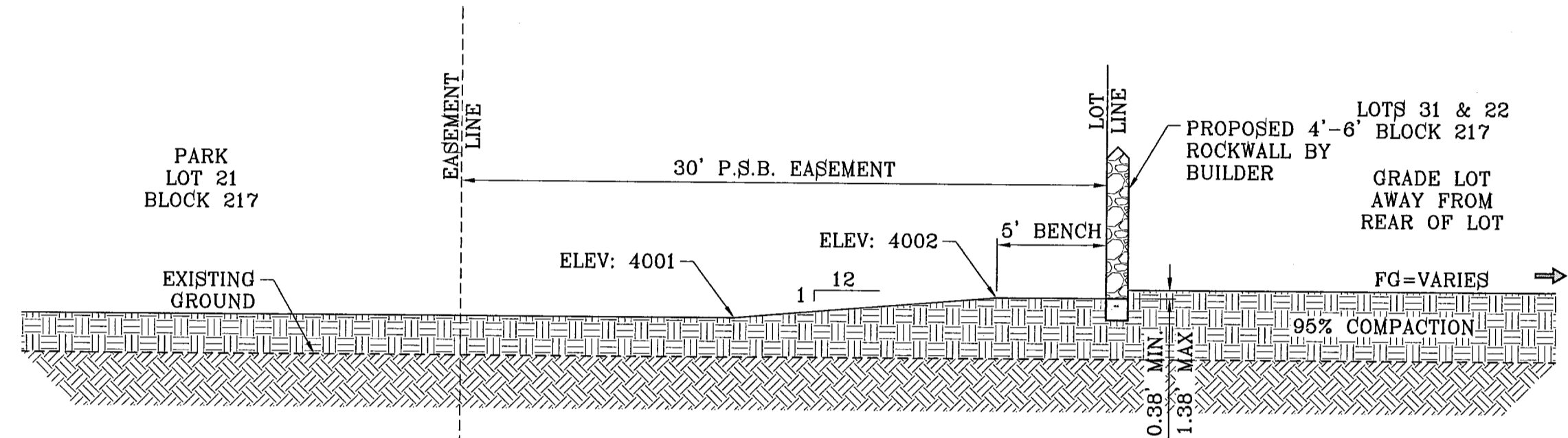
SECTION M  
SCALE: 1"=6'



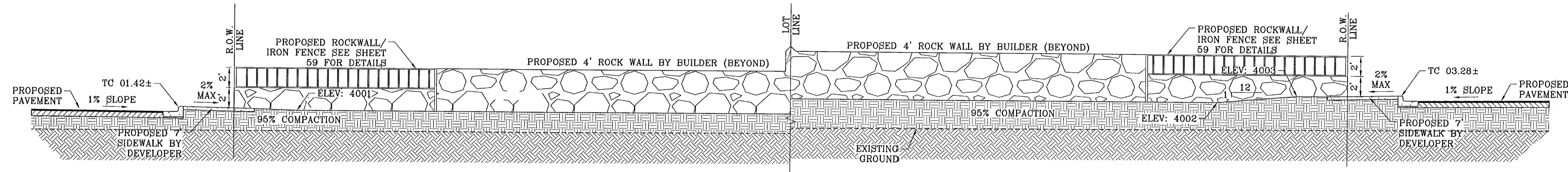
SECTION N  
SCALE: 1"=6'



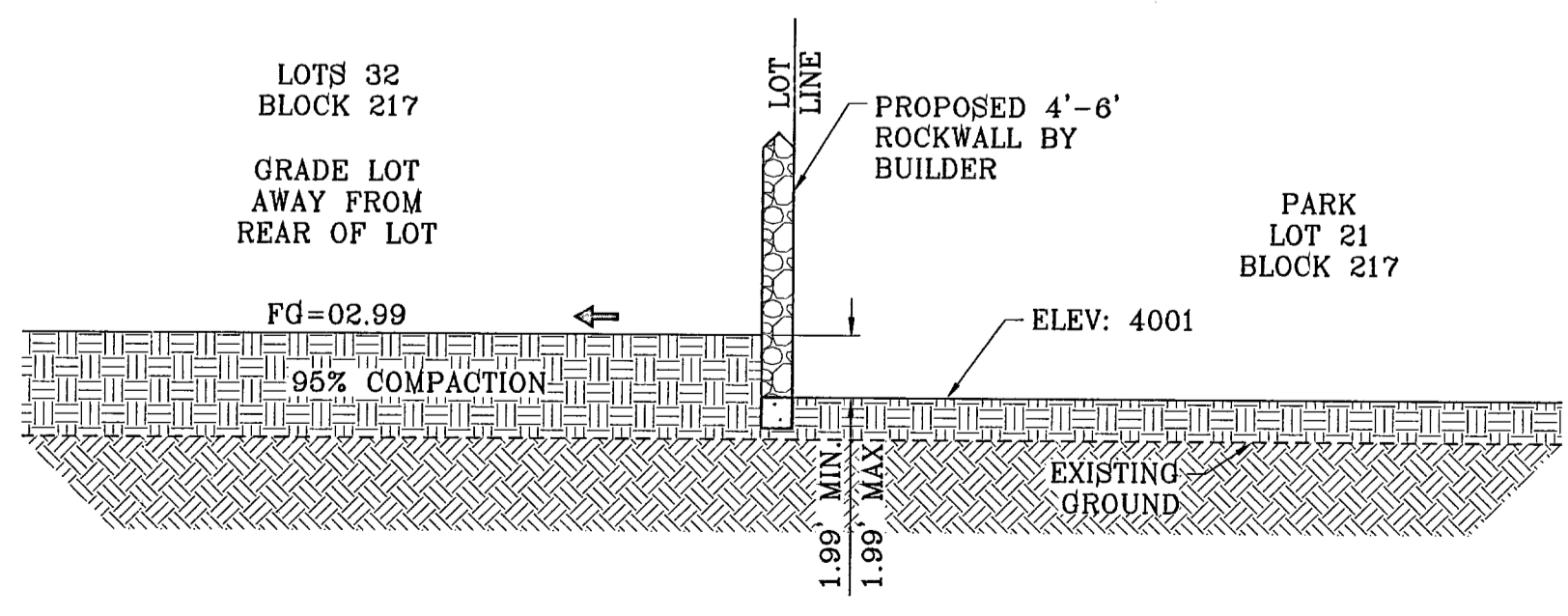
SECTION O  
SCALE: 1"=6'



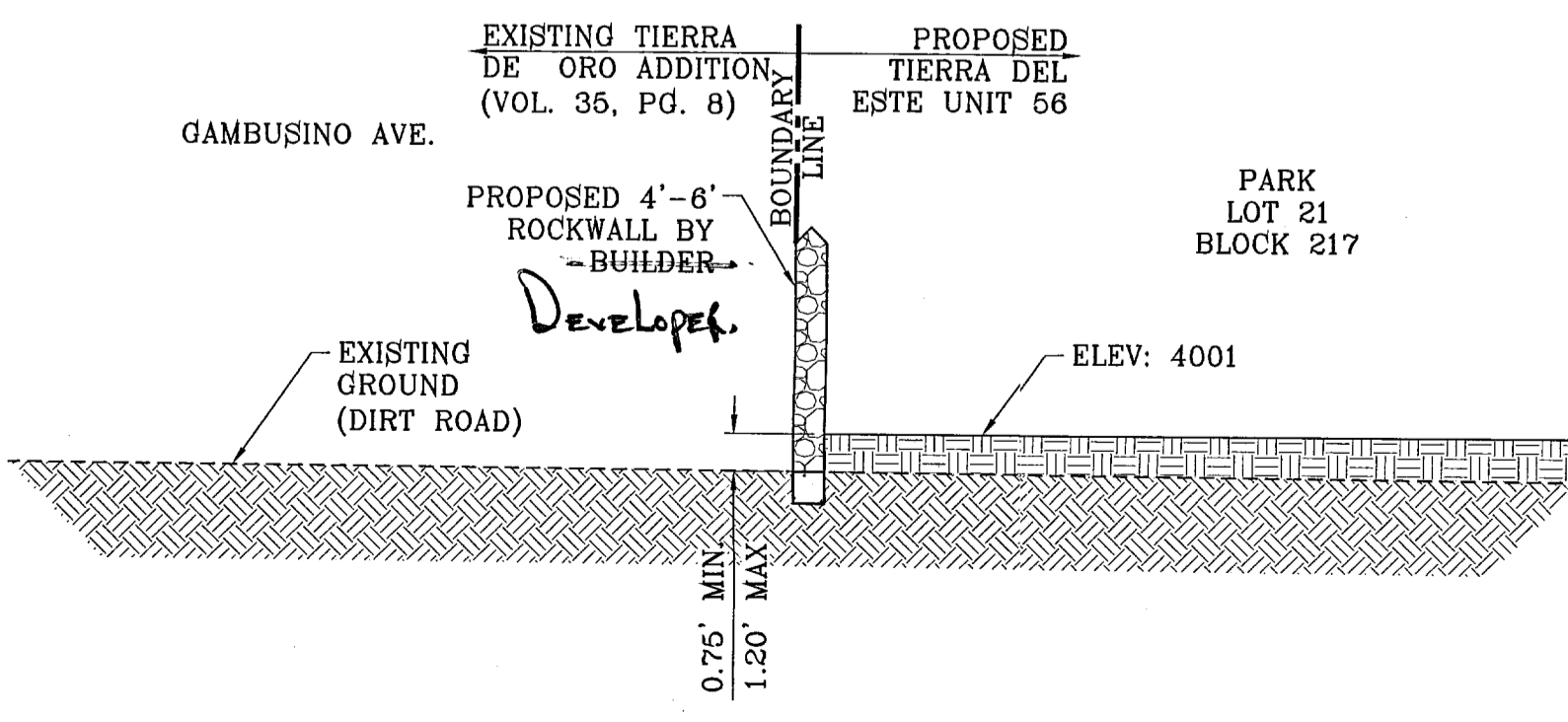
SECTION P  
SCALE: 1"=6'



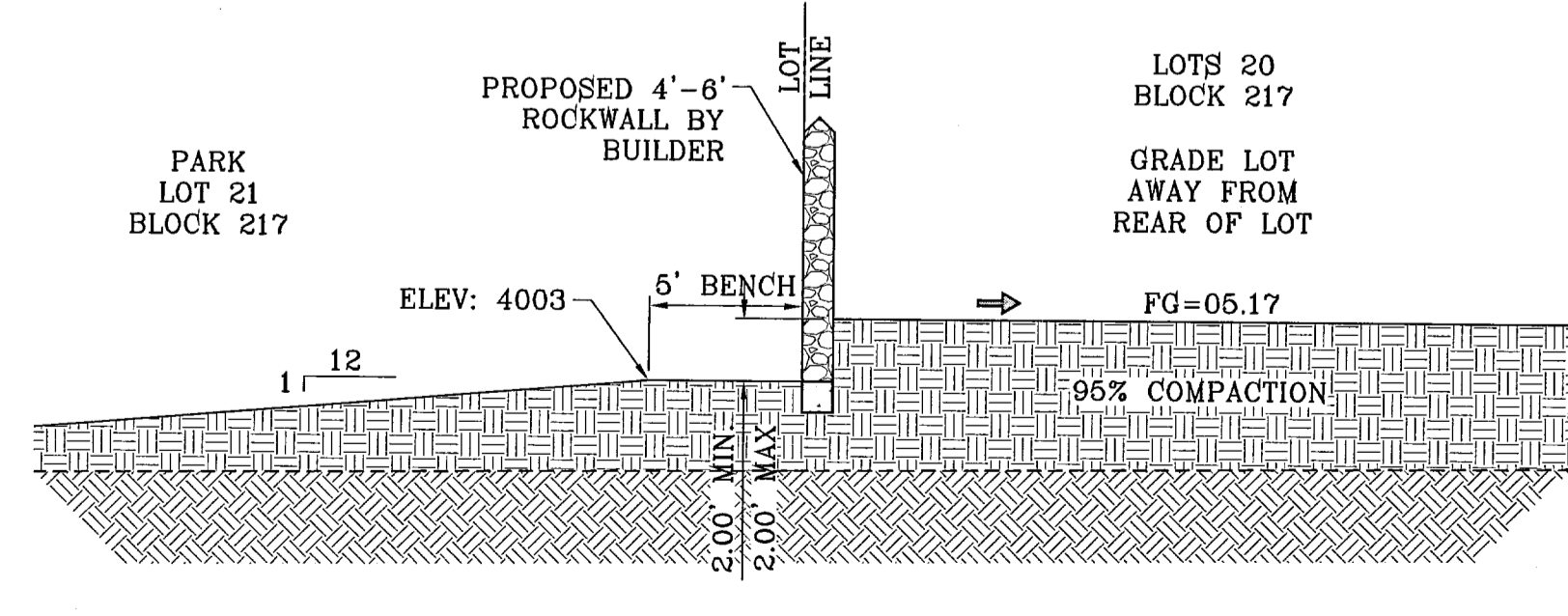
SECTION Q  
SCALE: 1"=6'



SECTION R  
SCALE: 1"=6'



SECTION S  
SCALE: 1"=6'



SECTION T  
SCALE: 1"=6'

103109  
TIERRA DEL ESTE UNIT FIFTY SIX

REVISIONS

DATE	BY	REVISIONS
12-06-07	CITY	REDLINES AS PER 11-19-07 COMMENTS O.M.
02-23-08	CITY	AND CUL-DE-SAC REVISIONS O.M.
02-23-08	CITY	PER 04-18-08 COMMENTS O.M.
05-12-08	CITY	CITY REDLINES AS PER 05-08-08 COMMENTS O.M.

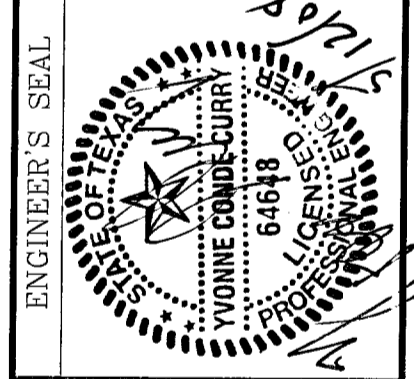
PROJECT NAME  
**TIERRA DEL ESTE UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 48 AND 47, BLOCK 70, TOWNSHIP 2, TEXAS, AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.661 ACRES

S C A L E

Horiz: 1"=6'  
Vert: ---

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-63



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

1790 LEB TRUVINO DR. STE 400  
EL PASO, TEXAS 79936

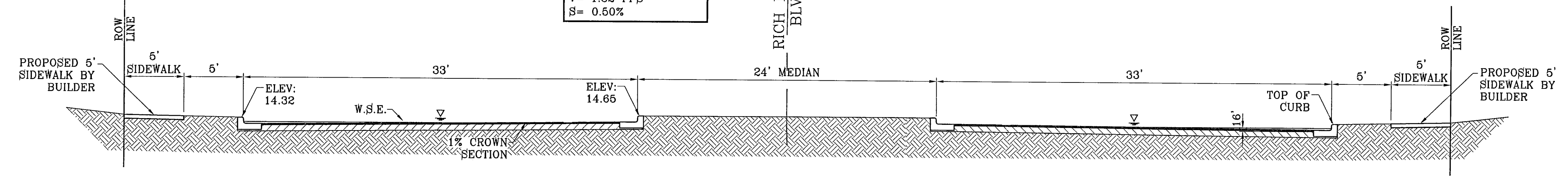
DRAINAGE AREA	AREA (acres)	tc min.	c	i <sub>100</sub> in/hr	Q <sub>100</sub> cfs
I	0.26	6.0	0.90	5.90	1.33
II	3.72	11.0	0.90	4.90	16.41
III	1.46	10.0	0.90	6.00	6.63
IV	1.45	10.0	0.90	6.00	6.63
V	1.23	15.0	0.90	4.75	6.28
VI	3.47	29.0	0.70 (WEIGHTED)	3.19	7.75
VII	8.66	29.0	0.60	3.19	16.38
VII B	0.07	5.00	0.60	6.00	0.25
VIII	2.67	26.0	0.60	3.41	6.46
IX	6.81	27.00	0.60	3.33	13.61
X	0.73	11.0	0.90	4.90	3.22
XI	0.73	11.0	0.90	4.90	3.22
XII	5.79	27.0	0.60	3.33	11.57
XIII	3.46	25.0	0.60	3.49	7.22
XIV	4.66	27.0	0.60	3.33	9.29
XV	4.36	12.0	0.90	4.75	18.64
XVI	5.96	27.0	0.60	3.33	11.91
XVII	1.67	9.0	0.60	5.25	6.26
XVIII	7.84	27.0	0.60	3.33	16.66
XIX	4.92	26.0	0.60	3.41	10.07
XX	7.26	29.0	0.60	3.19	13.88
OFFSITE A	8.06	12.0	0.85	4.75	32.64
OFFSITE B	4.03	12.0	0.85	4.75	16.27
OFFSITE C	19.17	23.0	0.85	3.67	69.81
OFFSITE D	2.79	10.0	0.90	6.00	12.56
OFFSITE E	16.46	22.0	0.85	3.76	52.61
OFFSITE F	24.93	30.0	0.33	3.11	26.69
OFFSITE G	9.22	24.0	0.33	3.68	10.69
PARK	1.00				
POND	1.97				

**LEGEND**

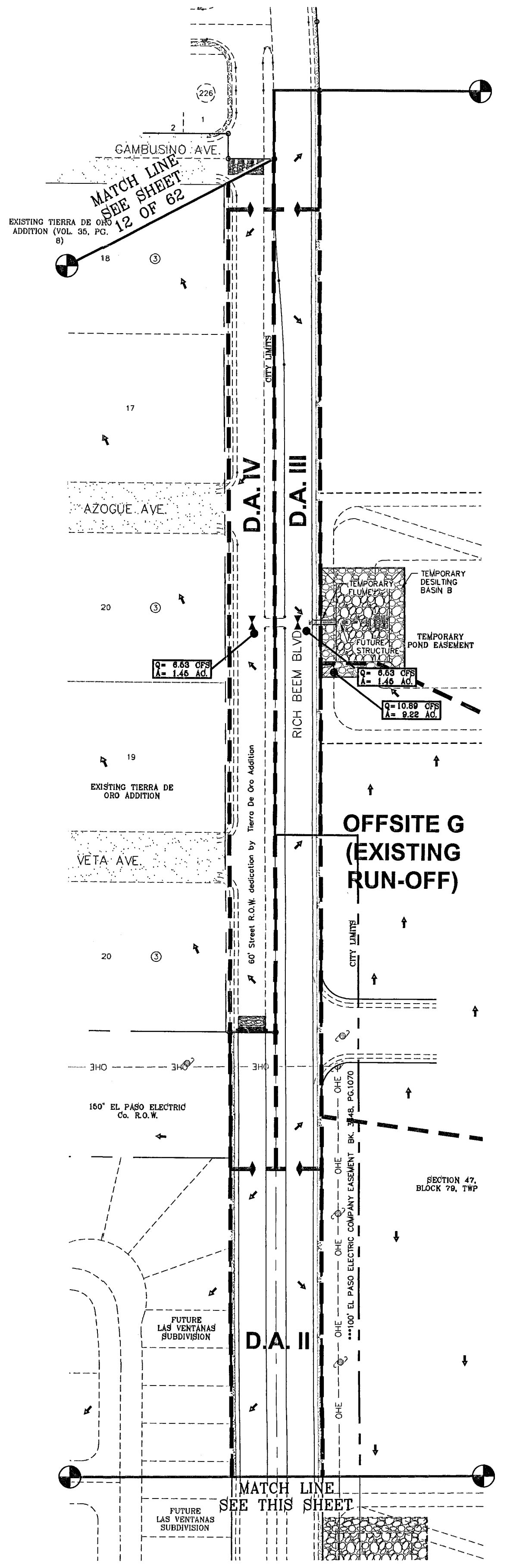
Q	RUN-OFF QUANTITY (CUBIC Ft/Sec)
A	WATERSHED AREA (ACRES)
↑	HIGH POINT
↓	LOW POINT
→	DRAINAGE FLOW
- - -	PROP. DRAINAGE AREA

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

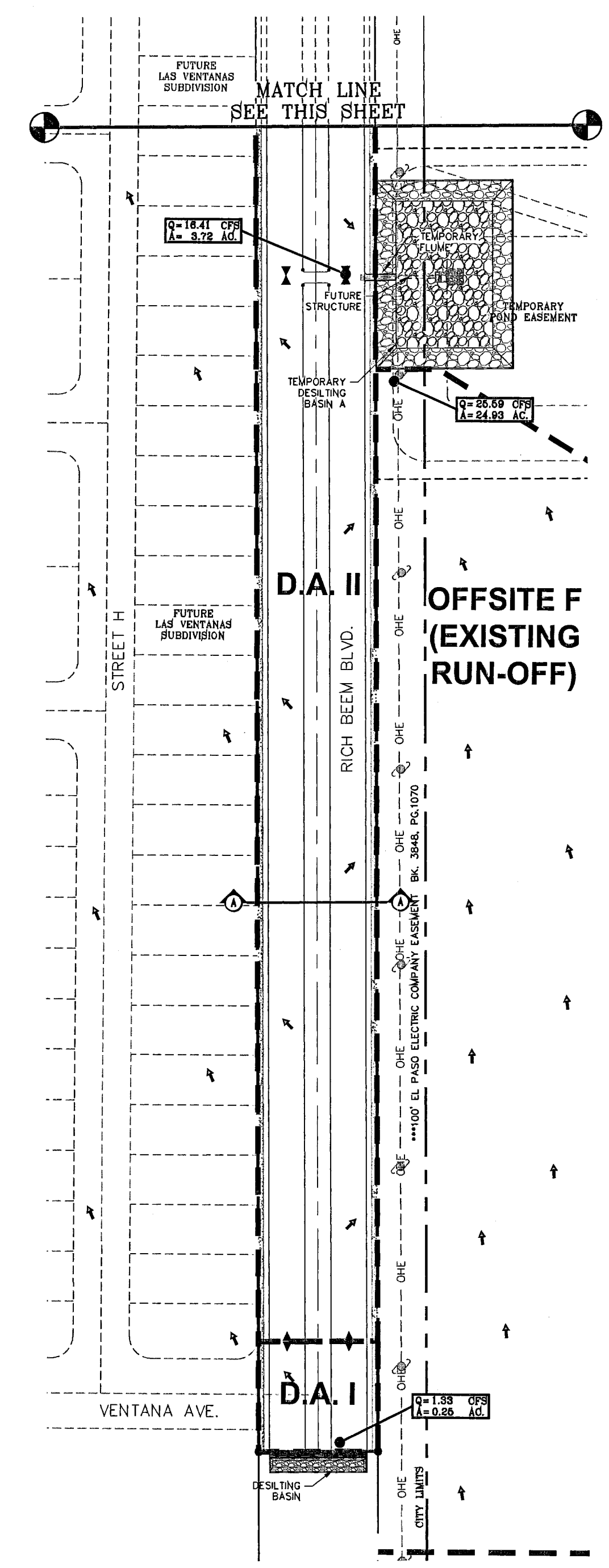
**STREET**  
 Q<sub>100</sub> = 3.59 CFS  
 Q<sub>100</sub> = 73.90 CFS  
 D = 0.16 FT  
 V = 1.32 FPS  
 S = 0.50%



**SECTION A-A**  
 SCALE: 1"=6'



SCALE: 1"=100'



SCALE: 1"=100'

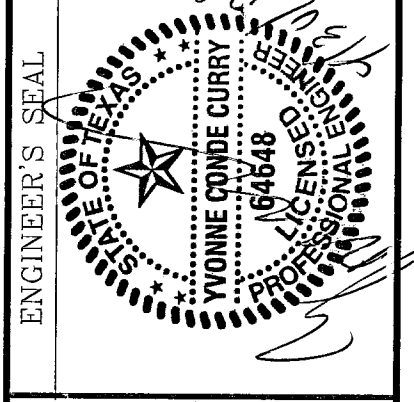
**BENCHMARKS**

NGS MARKER: COPPER-CLAD STEEL ROD
DESIGNATED: X 1118 "PD" "CE0141"
ELEVATION: 3887.12
REVISIONS:
DATE: 04-25-08
CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

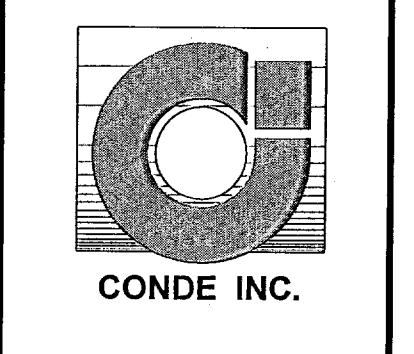
**PROJECT NAME**  
 TIERRA DEL ESTE  
 UNIT FIFTY SIX  
 BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
 CONTAINING 79.561 ACRES

**SCALE**  
 Horiz: 1"=100'  
 Vert: ---

DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-63



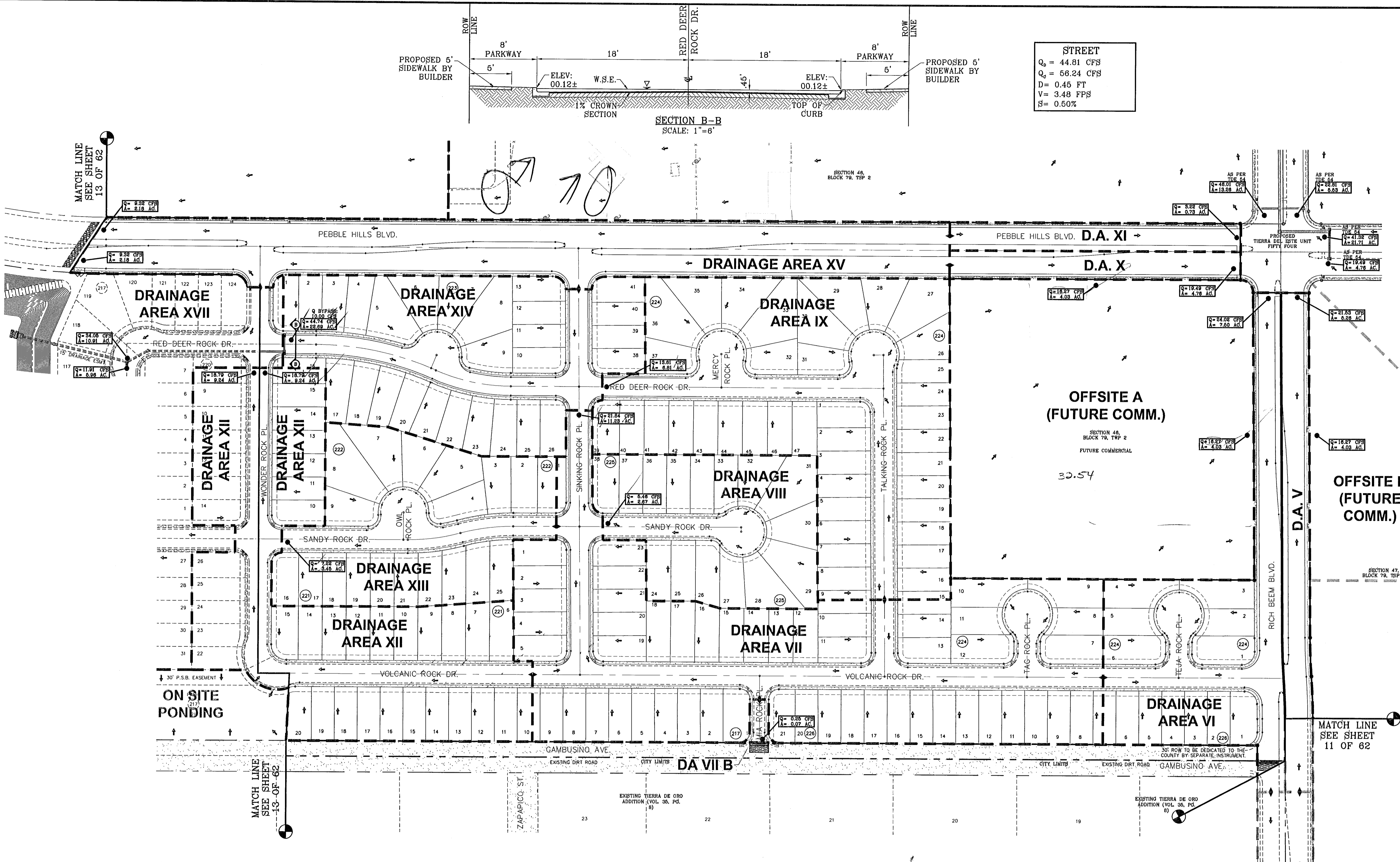
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GTS  
 1790 LEBE PREVIEW DR. STE 400  
 EL PASO, TEXAS 79956



**SHEET TITLE**  
 DRAINAGE PLAN

**103109**  
 TIERRA DEL ESTE UNIT FIFTY SIX

SHT 11 OF 62



**STREET**  
 $Q_0 = 44.81$  CFS  
 $Q_{100} = 66.24$  CFS  
 $D = 0.45$  FT  
 $V = 3.48$  FPS  
 $S = 0.50\%$

SCALE: 1"=100'

DRAINAGE AREA	AREA (acres)	$t_c$ min.	$c$	$i_{100}$ in/hr	$Q_{100}$ cfs
I	0.25	6.0	0.90	5.90	1.33
II	3.72	11.0	0.90	4.90	16.41
III	1.45	10.0	0.90	5.00	6.53
IV	1.45	10.0	0.90	5.00	6.53
V	1.23	16.0	0.90	4.75	5.26
VI	3.47	29.0	0.70 (WEIGHTED)	3.19	7.75
VII	8.56	29.0	0.60	3.19	16.38
VII B	0.07	5.00	0.60	6.00	0.25
VIII	2.67	26.0	0.60	3.41	5.46
IX	6.81	27.00	0.60	3.33	13.61
X	0.73	11.0	0.90	4.90	3.22
XI	0.73	11.0	0.90	4.90	3.22
XII	5.79	27.0	0.60	3.33	11.67
XIII	3.45	26.0	0.60	3.49	7.22
XIV	4.65	27.0	0.60	3.33	9.29

DRAINAGE AREA	AREA (acres)	$t_c$ min.	$c$	$i_{100}$ in/hr	$Q_{100}$ cfs
XV	4.36	12.0	0.90	4.75	18.64
XVI	5.96	27.0	0.60	3.33	11.91
XVII	1.67	9.0	0.60	5.25	6.26
XVIII	7.84	27.0	0.60	3.33	15.66
XIX	4.92	28.0	0.60	3.41	10.07
XX	7.25	29.0	0.60	3.19	13.88
OFFSITE A	8.06	12.0	0.85	4.75	32.54
OFFSITE B	4.03	12.0	0.85	4.75	16.27
OFFSITE C	19.17	23.0	0.85	3.67	59.81
OFFSITE D	2.79	10.0	0.90	5.00	12.56
OFFSITE E	16.46	22.0	0.85	3.76	52.61
OFFSITE F	24.93	30.0	0.33	3.11	25.59
OFFSITE G	9.22	24.0	0.33	3.58	10.89
PARK	1.00				
POND	1.97				

**LEGEND**

- Q RUN-OFF QUANTITY (CUBIC FT/Sec)
- A WATERSHED AREA (ACRES)
- High Point
- Low Point
- DRAINAGE FLOW
- - - PROP. DRAINAGE AREA

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

**PROJECT NAME:** TIERRA DEL ESTE UNIT FIFTY SIX

**SCALE:** Horiz: 1"=100' Vert: 1"=100'

**DATE:** MAY 2007  
**DESIGN BY:** Y.C.  
**INITIATED BY:** O.M.  
**CHKD. BY:** Y.C.  
**JOB NO.:** 207-53

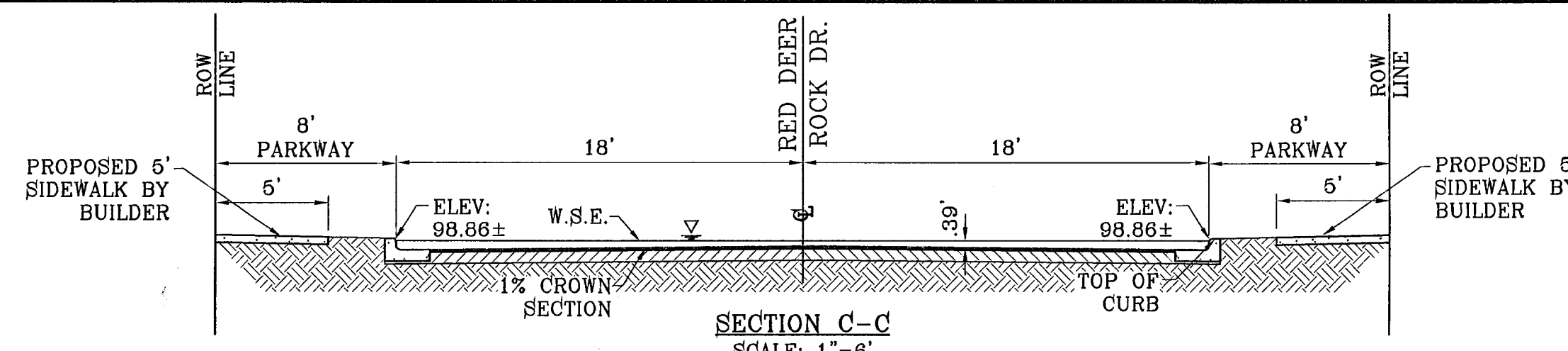
**ENGINEER'S SEAL:** VINNIE CONDE CURRY, 16468, PROFESSIONAL ENGINEER, CIVIL, TEXAS

**CONDE INC.**  
 ENGINEERING / PLANNING / SURVEYING / GPS  
 1790 LEBB PRESBYTERIAN DR. SUITE 400  
 EL PASO, TEXAS 79906

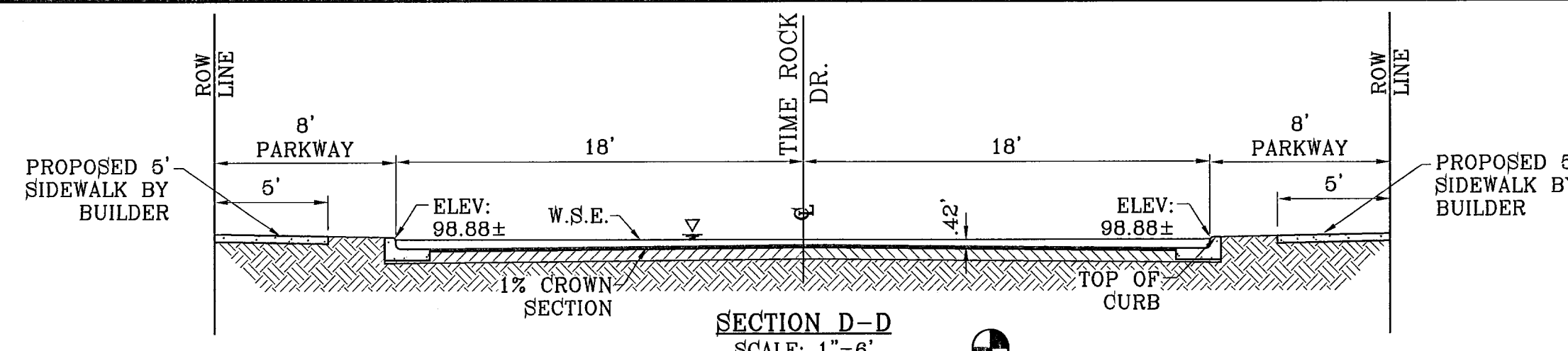
**SHEET TITLE:** DRAINAGE PLAN

**103109**  
 TIERRA DEL ESTE UNIT FIFTY SIX

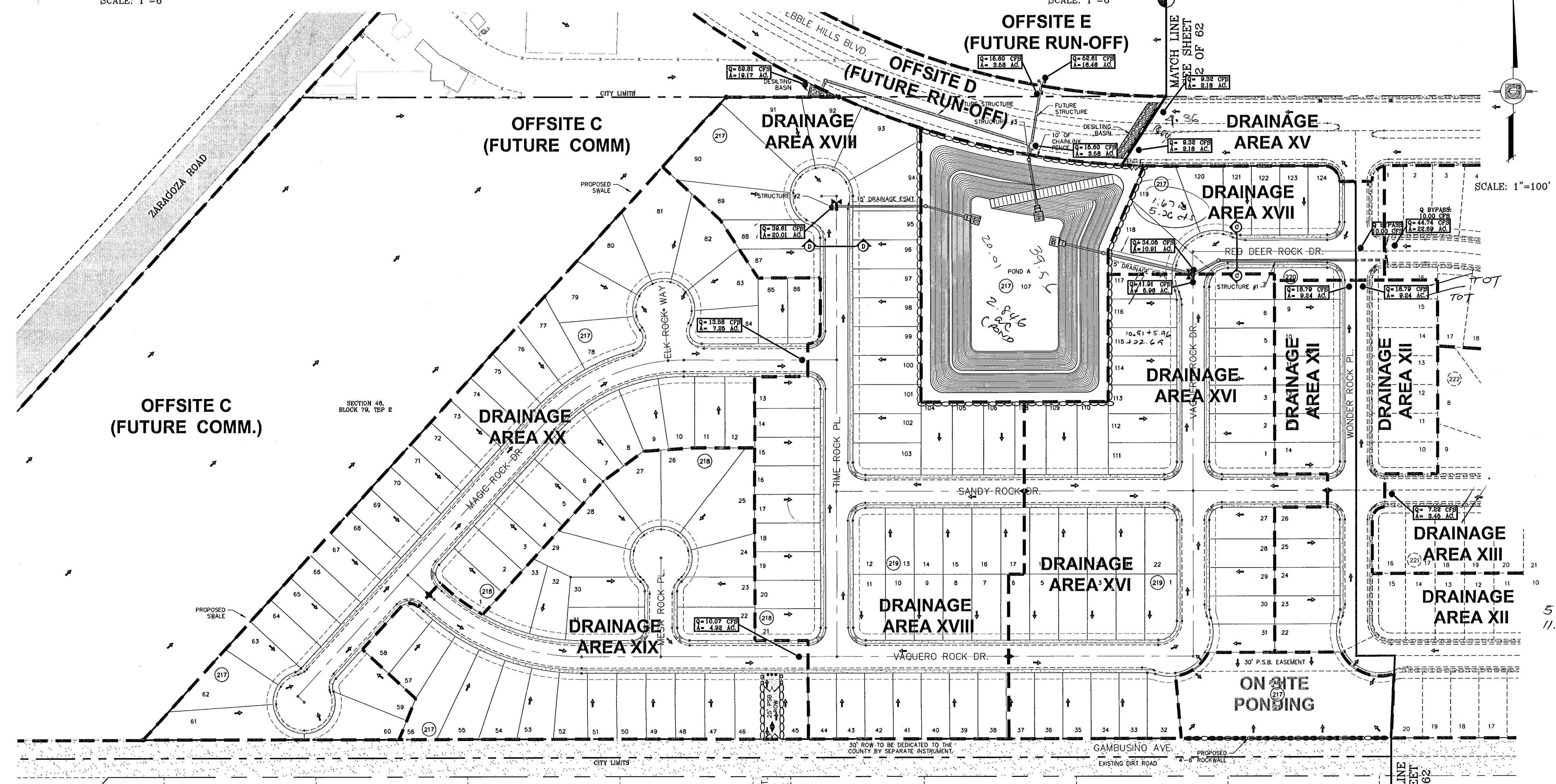
**SHT 12 OF 62**



STREET  
 $Q_0 = 34.05$  CFS  
 $Q_c = 66.24$  CFS  
 $D = 0.39$  FT  
 $V = 3.12$  FPS  
 $S = 0.50\%$



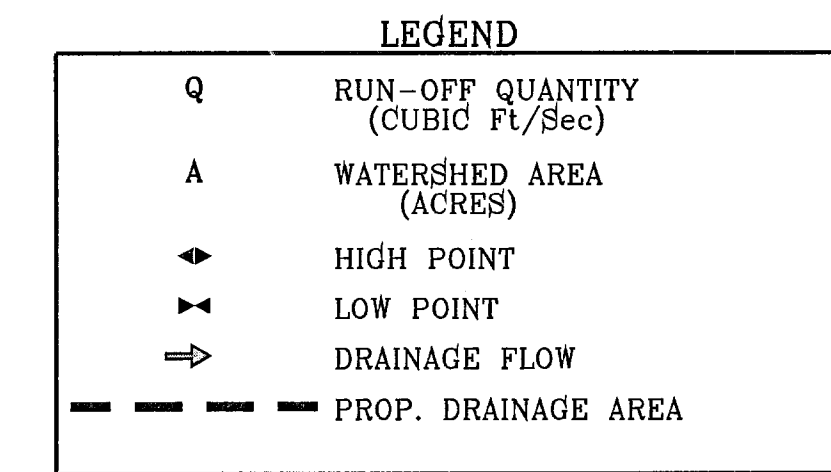
STREET  
 $Q_0 = 39.61$  CFS  
 $Q_c = 66.24$  CFS  
 $D = 0.42$  FT  
 $V = 3.32$  FPS  
 $S = 0.50\%$



5-79 ac  
 11.57 cfs

DRAINAGE AREA	AREA (acres)	$t_c$ min.	$c$	$i_{100}$ in/hr	$Q_{100}$ cfs
I	0.25	6.0	0.90	5.90	1.33
II	3.72	11.0	0.90	4.90	16.41
III	1.45	10.0	0.90	5.00	8.53
IV	1.45	10.0	0.90	5.00	8.53
V	1.23	15.0	0.90	4.75	6.26
VI	3.47	29.0	0.70 (WEIGHTED)	3.19	7.75
VII	8.56	29.0	0.60	3.19	16.38
VII B	0.07	5.00	0.60	6.00	0.25
VIII	2.67	26.0	0.60	3.41	5.46
IX	6.81	27.00	0.60	3.33	13.61
X	0.73	11.0	0.90	4.90	3.22
XI	0.73	11.0	0.90	4.90	3.22
XII	6.79	27.0	0.60	3.33	11.57
XIII	3.45	25.0	0.60	3.49	7.22
XIV	4.65	27.0	0.60	3.33	9.29

DRAINAGE AREA	AREA (acres)	$t_c$ min.	$c$	$i_{100}$ in/hr	$Q_{100}$ cfs
XV	4.36	12.0	0.90	4.75	18.64
XVI	5.96	27.0	0.60	3.33	11.91
XVII	1.67	9.0	0.60	5.25	5.26
XVIII	7.84	27.0	0.60	3.33	15.66
XIX	4.92	26.0	0.60	3.41	10.07
XX	7.25	29.0	0.60	3.19	13.88
OFFSITE A	8.06	12.0	0.85	4.75	32.54
OFFSITE B	4.03	12.0	0.85	4.75	16.27
OFFSITE C	19.17	23.0	0.85	3.67	59.81
OFFSITE D	2.79	10.0	0.90	5.00	12.56
OFFSITE E	16.46	22.0	0.85	3.76	52.61
OFFSITE F	24.93	30.0	0.33	3.11	25.59
OFFSITE G	9.22	24.0	0.33	3.58	10.89
POND	1.00				
POND	1.97				



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

BENCHMARKS  
 NGS MARKER: COPPER-GLASS STEEL ROD  
 DESIGNATED: X 1118' PID "CE0141"  
 ELEVATION: 3887.12

DATE: 07-07-07  
 CITY: RED LINES  
 REVISIONS: 1-19-07 COMMENTS: B.M.  
 02-06-08 POINT AND CUL-DE-SAC REVISIONS O.M.  
 04-23-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

PROJECT NAME  
**TERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 78.551 ACRES.

SCALE  
 Horiz: 1"=100'  
 Vert: ---

DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-53

ENGINEER'S SEAL  
  
**YVONNE CONDE CURRY**  
 64648  
 EL PASO, TEXAS

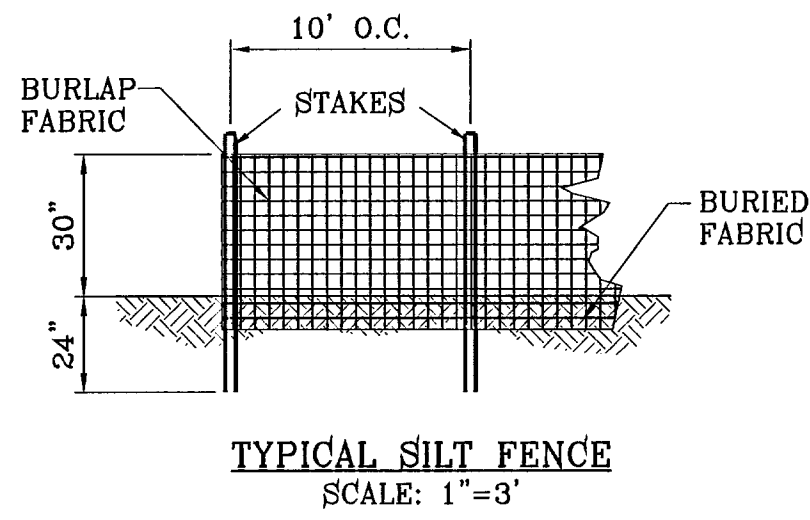
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / CFS  
 1790 LEB TRAVINO DR. STE 400  
 EL PASO, TEXAS 79936

SHEET TITLE  
**DRAINAGE PLAN**

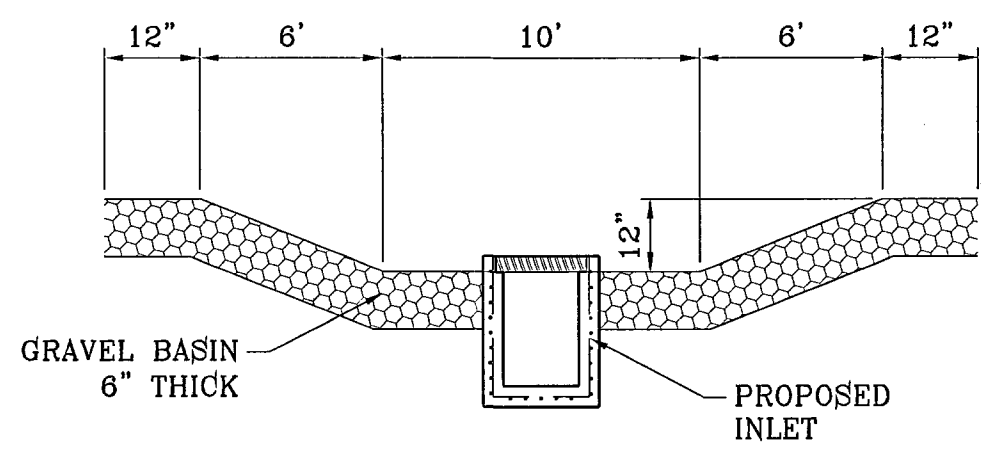
**103109**  
 TERRA DEL ESTE UNIT FIFTY SIX

SHT 13 OF 62

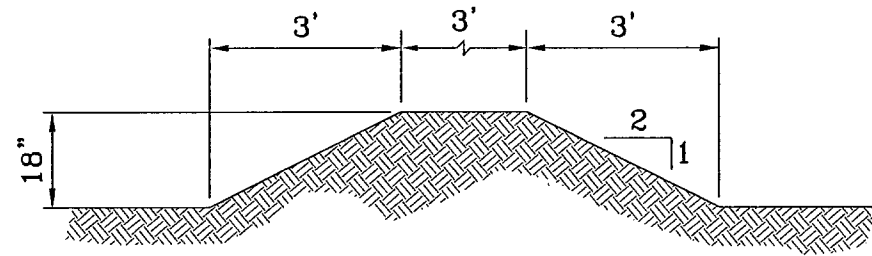




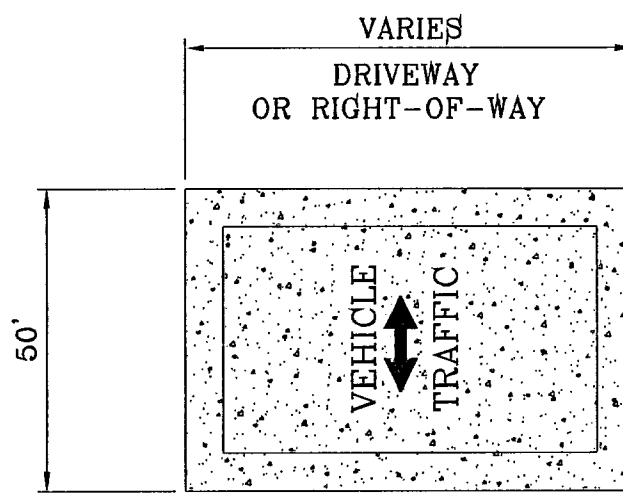
TYPICAL SILT FENCE  
SCALE: 1"=3'



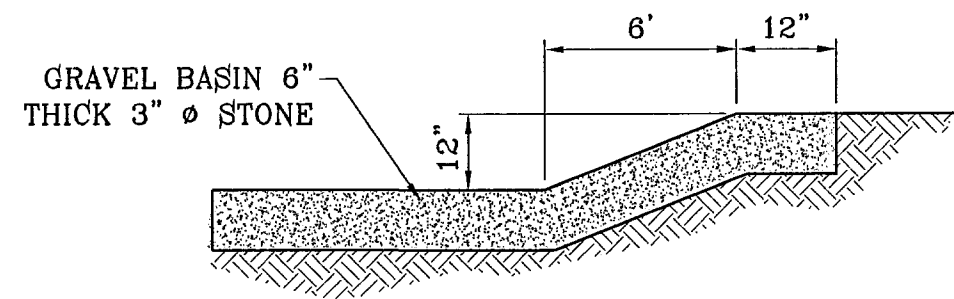
TEMPORARY STRUCTURE  
DESILTING BASIN  
SCALE: NTS



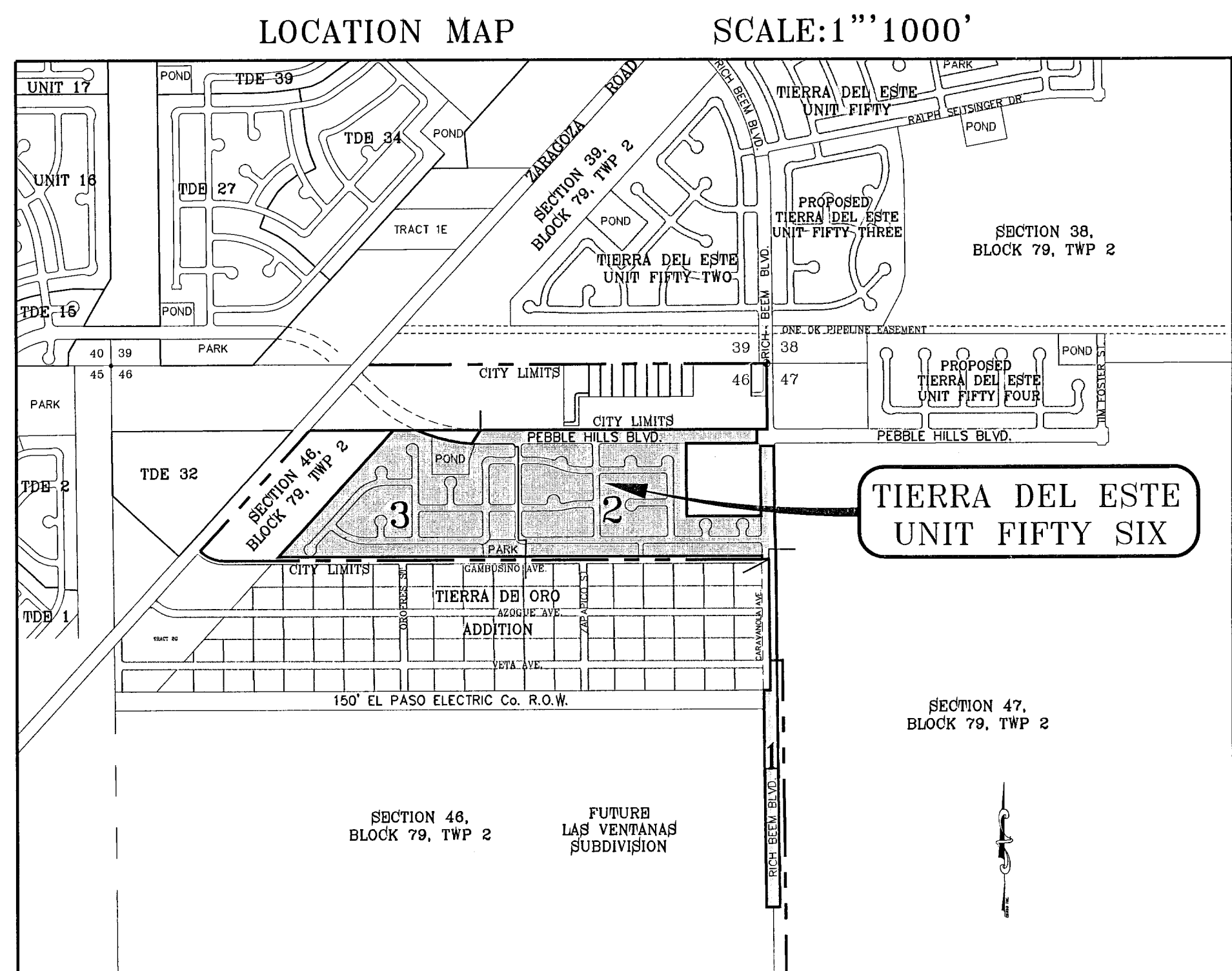
TYPICAL BERM  
SCALE: 1"=3'



GRAVEL ENTRANCE  
NTS

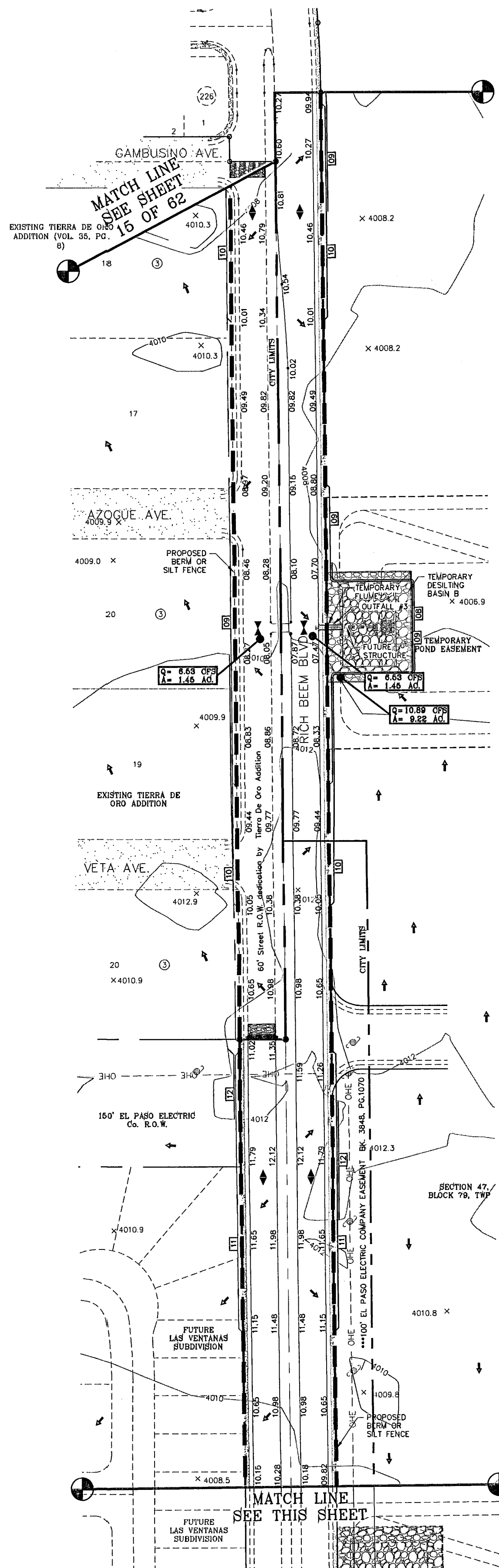


SECTION  
EROSION AND SEDIMENT CONTROLS  
TEMPORARY STABILIZATION

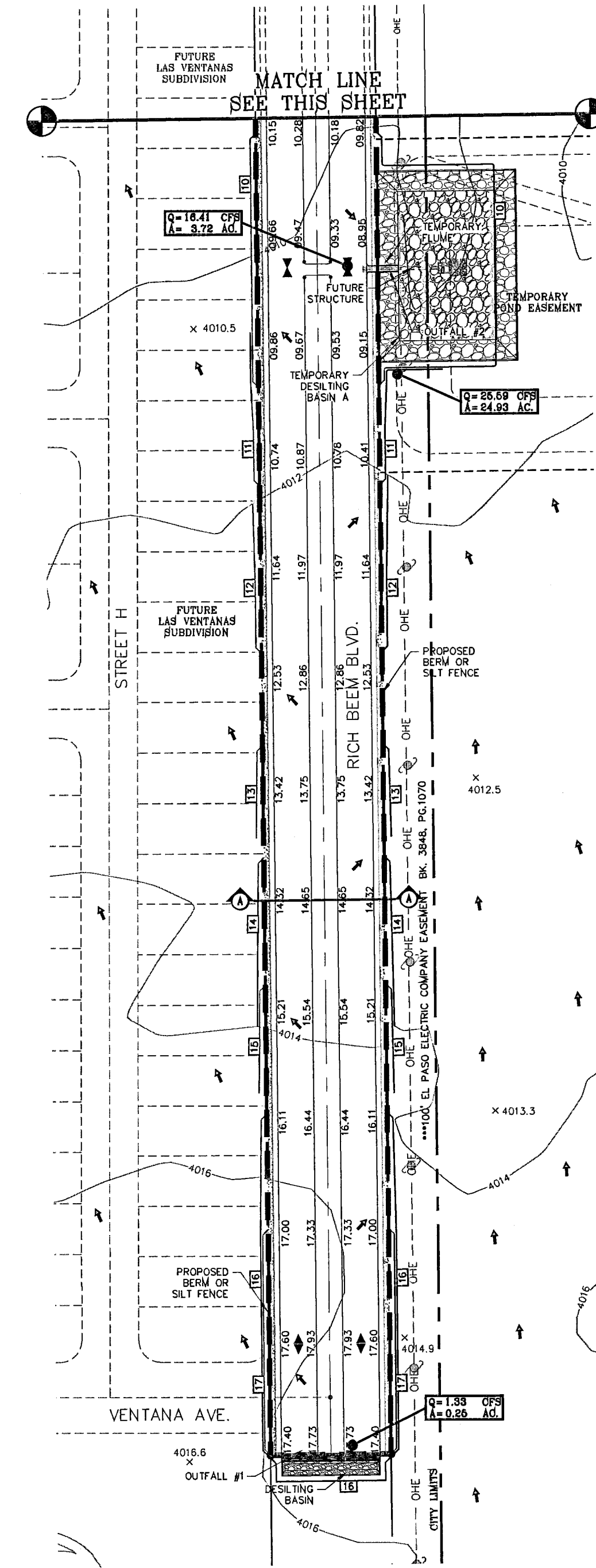


LOCATION MAP

SCALE: 1"=1000'



SCALE: 1"=100'



SCALE: 1"=100'

LEGEND

05.26	PROPOSED SPOT ELEVATIONS
F.G.=05.26	PROPOSED FINISHED GROUND
▲	HIGH POINT
▼	LOW POINT
4000	EXISTING GRADE
4000 X	EXISTING SPOT GRADE
[4000]	PROPOSED CONTOUR ELEVATION
Q	RUN-OFF QUANTITY (CUBIC Ft/Sec)
A	WATERSHED AREA (ACRES)
→	DRAINAGE FLOW
---	PROP. BERM OR SILT FENCE

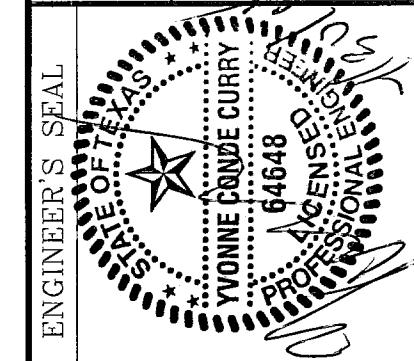
103109  
TIERRA DEL ESTE UNIT FIFTY SIX

BENCHMARKS

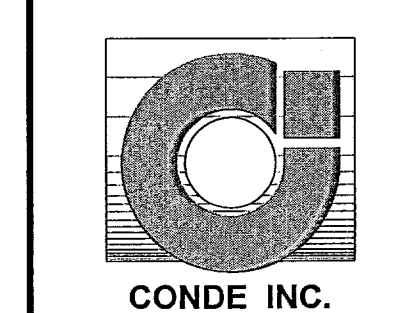
NGS MARKER COPPER-CLAD STEEL ROD	DESIGNATED X 1116 PG 'CED041'	ELEVATION 2597.2
DATE	BY	COMMENTS O.M.
04-23-08	CITY	REDLINES AS PER 04-15-08

PROJECT NAME  
**TIERRA DEL ESTE  
UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
CONTAINING 79.551 ACRES

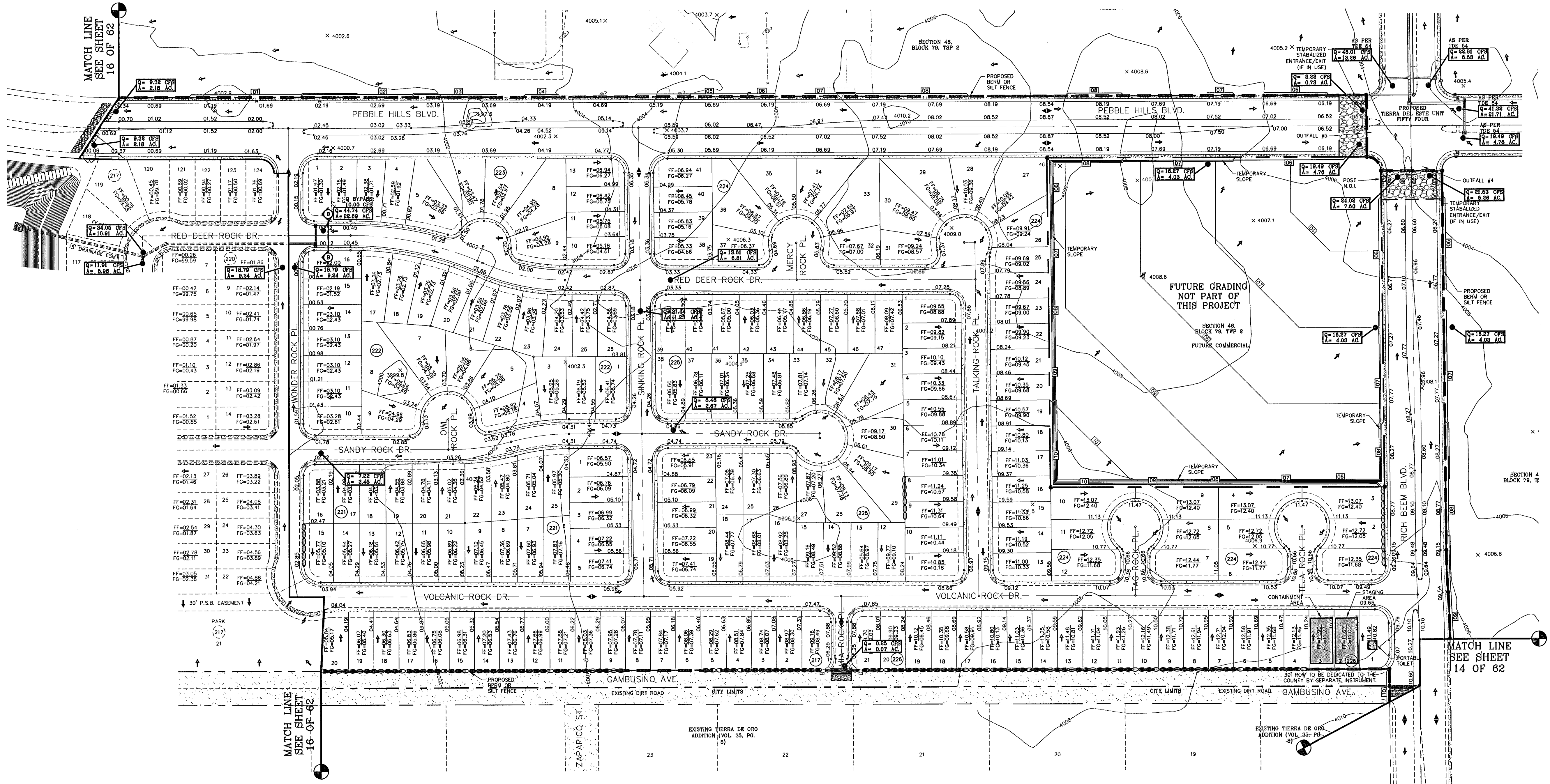
SCALE  
Horiz: 1"=100'  
Vert: ---  
DATE: MAY 2007  
DESIGN BY: Y.G.  
INITIATED BY: O.M.  
CHKD. BY: Y.G.  
JOB NO.: 207-65



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1790 LEE PERVINO DR. SUE 400  
EL PASO, TEXAS 79936



SHEET TITLE  
**STORM  
WATER  
POLLUTION  
PREVENTION  
PLAN**  
SHT 14 OF 62



MATCH LINE  
SEE SHEET  
16 OF 62

MATCH LINE  
SEE SHEET  
14 OF 62

SCALE: 1"=100'

**LEGEND**

05.26	PROPOSED SPOT ELEVATIONS
P.G.=05.26	PROPOSED FINISHED GROUND
▲	HIGH POINT
▼	LOW POINT
4000	EXISTING GRADE
4000 X	EXISTING SPOT GRADE
4000	PROPOSED CONTOUR ELEVATION
Q	RUN-OFF QUANTITY (CUBIC FT/Sec)
A	WATERSHED AREA (ACRES)
→	DRAINAGE FLOW
---	PROP. BERM OR SILT FENCE

**NOTES:**

- T.P.D.E.S. PERMIT- AS REQUIRED BY CONTRACTOR
- STORM WATER AS PER N.P.D.E.S. PERMIT

**STABILIZED ENTRANCE  
EROSION CONTROL NOTES**

- SILT FENCING OR TEMPORARY BERMS SHALL BE INSTALLED AT TIME OF CONSTRUCTION.
- TEMPORARY SWALES AND DESILTING BASINS WILL BE PLACED WHERE NECESSARY IN ORDER TO CONVEY STORM WATER RUN-OFF.
- 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.
- 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.
- A TEMPORARY BERM SHALL BE PROVIDED AT THE TOE OF SLOPE AND LOT LINE AT TIME OF GRADING PRIOR TO ROCKWALL CONSTRUCTION.

**BENCHMARKS**

NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: X 1115	PID: "CE041"	ELEVATION: 3887.2
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**REVISIONS**

DATE	BY	REVISION
12-07-07	CITY	REDLINES
02-06-08	FOOD AND DRUG	5-AC REVISIONS
04-23-08	CITY	REDLINES AS PER 04-15-08 COMMENTS O.M.

**PROJECT NAME**

**TERRIA DEL ESTE  
UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
CONTAINING 78.561 ACRES.

**SC A L E**

Horizontal: 1"=100'  
Vertical: ---

DATE: MAY 2007  
DESIGN BY: Y.C.  
INTEGRATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53

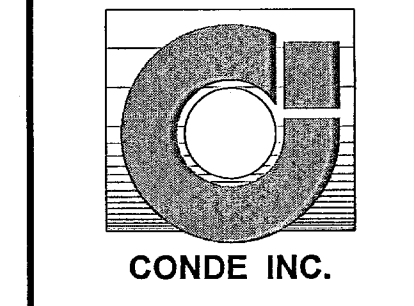
**ENGINEER'S SEAL**

WYNNE CONDE CURRY  
16648  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF TEXAS

**CONDE INC.**

ENGINEERING / PLANNING  
SURVEYING / GPS

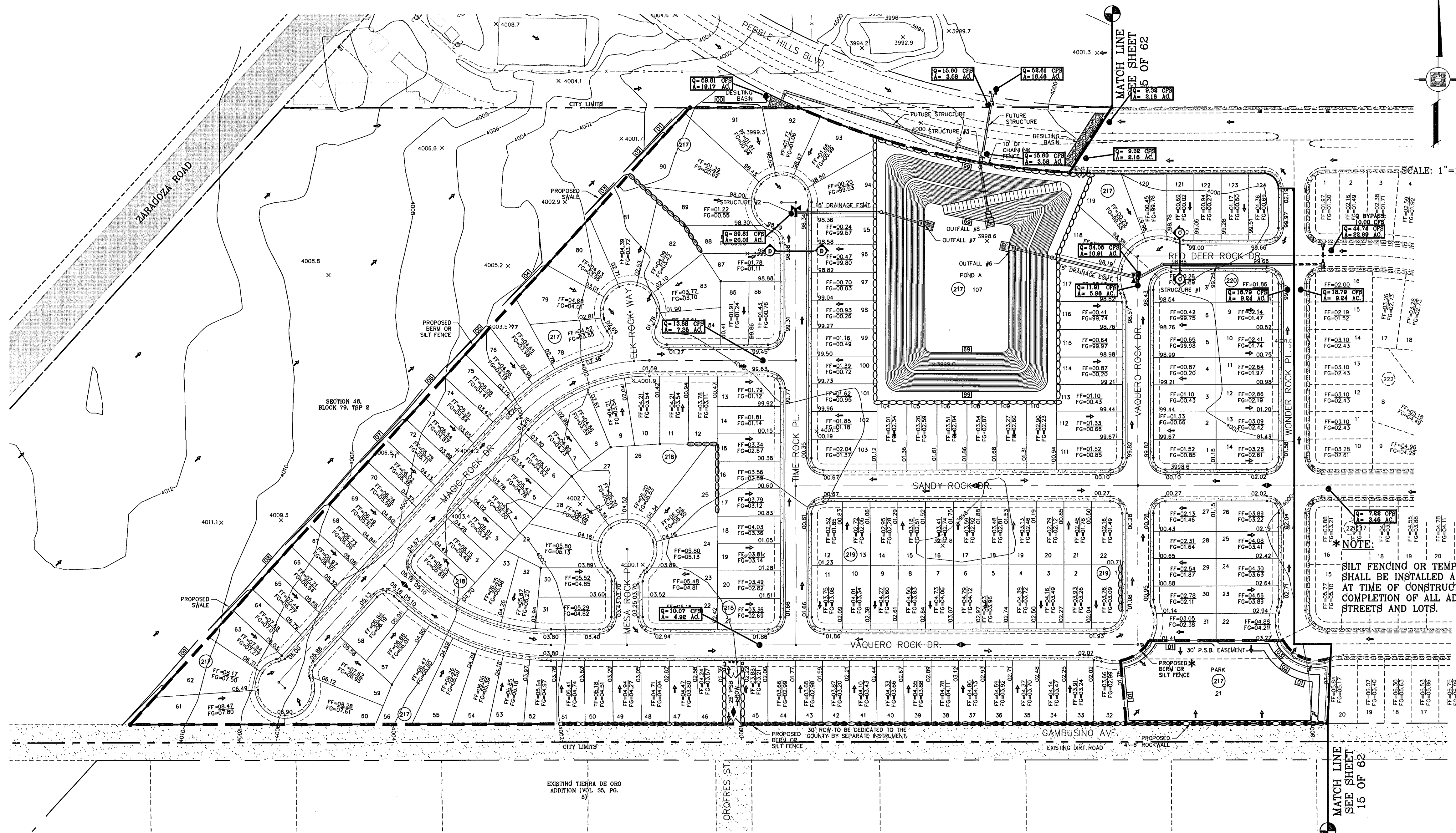
1790 LEB SURVEYING DR. SITE 400  
EL PASO, TEXAS 79936



**SHEET TITLE**

**STORM WATER  
POLLUTION  
PREVENTION  
PLAN**

103109  
TERRIA DEL ESTE UNIT FIFTY SIX



**LEGEND**

05.26	PROPOSED SPOT ELEVATIONS
F.G.=05.26	PROPOSED FINISHED GROUND
◆	HIGH POINT
▼	LOW POINT
— 4000 —	EXISTING GRADE
4000 X	EXISTING SPOT GRADE
4000	PROPOSED CONTOUR ELEVATION
Q	RUN-OFF QUANTITY (CUBIC Ft./Sec)
A	WATERSHED AREA (ACRES)
→	DRAINAGE FLOW
---	PROP. BERM OR SILT FENCE

- 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 SWEEPED WEEKLY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE.
4. THE OWNER SHALL BE RESPONSIBLE FOR INSURING THAT ALL EROSION CONTROL METHODS ARE INSPECTED ON A MONTHLY BASIS OR AFTER EVERY ERODIBLE RAINFALL (1/2" OR MORE). ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL SHALL BE MADE AT THE TIME.
5. A TEMPORARY BERM SHALL BE PROVIDED AT THE TOE OF SLOPE AND LOT LINE AT TIME OF GRADING PRIOR TO ROCKWALL CONSTRUCTION.

**NOTE:**  
SILT FENCING OR TEMPORARY BERM SHALL BE INSTALLED AROUND PARK AT TIME OF CONSTRUCTION UP TO COMPLETION OF ALL ADJACENT STREETS AND LOTS.

**BENCHMARKS**  
NOS MARKER COPPER-CLAD STEEL ROD  
DESIGNATED X 1115 999 150041'  
ELEVATION 5997.12

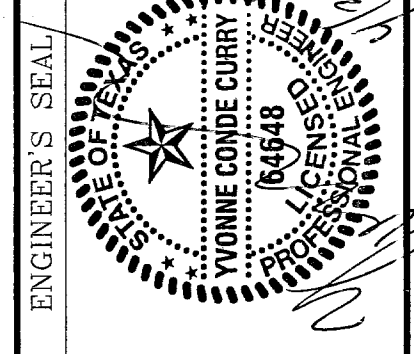
**DATE:**  
12-06-07 CITY REDLINES AS PER 11-19-07 COMMENTS O.M.  
02-06-08 POND AND CUL-DE-SAC REVISIONS O.M.  
04-23-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

**PROJECT NAME**  
**TERRA DEL ESTE  
UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
CONTAINING 79.561 ACRES.

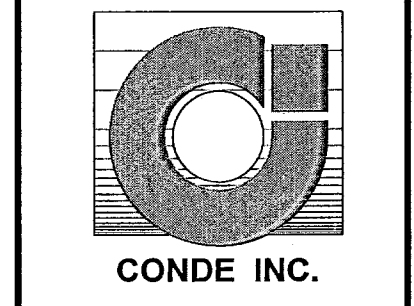
**S C A L E**  
Horizontal: 1"=100'  
Vertical: ---

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53



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

1790 LEB TRUVINO DR. STE 400  
EL PASO, TEXAS 79936



SHEET TITLE  
**STORM  
WATER  
POLLUTION  
PREVENTION  
PLAN**

**103109**  
TIERRA DEL ESTE UNIT FIFTY SIX

**SITE DESCRIPTION: RESIDENTIAL SUBDIVISION**

- 1. NO ASPHALT BATCH PLANTS FOR THIS SITE.

**BEST MANAGEMENT PRACTICES**

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

**BEST MANAGEMENT PRACTICES CONTROLS**

- I. WASTE MATERIALS
II. HAZARDOUS WASTE
III. SANITARY WASTE
IV. SPILL PREVENTION
A. GOOD HOUSEKEEPING

- B. HAZARDOUS PRODUCTS:
C. PETROLEUM PRODUCTS:
V. SPILL CONTROL PRACTICES:
VI. MAINTENANCE AND INSPECTION PROCEDURES
VII. REMARKS

**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.

ROBERT F. FOSTER INC. COMPANY:
SIGNED: 1790 LEE TREVINO DR. EL PASO, TEXAS 79936 ADDRESS:
TITLE: PRESIDENT (915) 595-2775 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
RANCHOS REAL XII, LTD.
BY: RANCHOS REAL DEVELOPERS, INC., ITS GENERAL MANAGER
BY: DOUGLAS A. SCHWARTZ, VICE PRESIDENT
OWNER: ( NAME )
(915) 592-0290
PHONE NUMBER:

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

- ESTIMATED BEGINNING CONSTRUCTION DATE: NOV. 26, 2007
1. BEGIN CONSTRUCTION/MOBILIZATION (5 DAYS)
2. INSTALL INITIAL STORMWATER POLLUTION PREVENTIONS (SWPP) MEASURES AS INDICATED ON SWPP PLAN ( \_\_ DAYS)
3. CLEAR AND GRUB
4. SITE GRADING
5. PERFORM PERIODIC INSPECTIONS OF THE SWPP STRUCTURES, PERFORM MAINTENANCE AND REPLACEMENTS AS NEEDED (DURATION OF CONSTRUCTION).
6. EXCAVATION FOR SITE UTILITIES AND STORM SEWER
7. CONSTRUCTION OF SITE IMPROVEMENTS AND STORM SEWER
8. END CONSTRUCTION - FINAL STABILIZATION, DEMOBILIZATION, REMOVAL OF SWPPP CONTROLS, AND SUBMIT NOTICE OF TERMINATION.
ESTIMATED CONSTRUCTION COMPLETION DATE: DEC. 31, 2008

CONSTRUCTION ACTIVITIES LOG table with columns: ACTIVITIES, DATE, SIGNATURE

**INSPECTION AND MAINTENANCE REPORT**

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM 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 KNOWN VIOLATIONS.

SIGNED: DATE:
SWPPP COORDINATOR NAME: JOE CARRILLO
PHONE NUMBER: (915) 494-0867

LOG OF ACTIVITIES AVAILABLE: SWPPP COORDINATOR.
INSPECTION LOG AVAILABLE: SWPPP COORDINATOR
SCHEDULE OF ACTIVITIES AVAILABLE: SWPPP COORDINATOR

SITE DESCRIPTION: RESIDENTIAL SUBDIVISION
THE EXISTING SITE IS UNDEVELOPED DESERT. THERE ARE NO SURFACE WATERS ON THE SITE ITSELF OR ADJACENT TO THE SITE. THE SITE DISTURBANCE AREA IS 79.55 ACRES.
THE SITE MAP SHOWS THE PROPERTY BOUNDARIES WITH THE PROPOSED LOCATION OF THE ROADWAYS, LOTS, STORM INLETS AND RETENTION BASINS. THIS SITE WILL BE GRADED, ROADWAYS PAVED AND DRAINAGE STRUCTURES CONSTRUCTED. THE GRADED LOTS WILL DRAIN TO THE GRADED STREETS AND THEN TO THE STORM INLETS WHICH WILL CONDUCT THE STORM RUNOFF VIA UNDERGROUND STRUCTURES TO A RETENTION BASIN.

INTERIM STABILIZATION MEASURES ARE AS FOLLOWS: PERIMETER, TEMPORARY EARTHEN BERMS, TEMPORARY STABILIZED CONSTRUCTION SITE EXIT, TEMPORARY DESILTING BASINS

FINAL STABILIZATION WILL BE PERFORMED BY THE HOME BUILDERS WHICH WILL CONSTRUCT A SINGLE BUILDING ON EACH LOT AND PLACE LANDSCAPING ON EXPOSED SURFACES.
THE RECEIVING WATERS ARE PONDING AREA AT LOT 109 BLOCK 217
STORM WATER SAMPLING DATA IS NOT AVAILABLE FOR THIS SITE.
NO CONCRETE OR BATCH PLANTS ON THIS SITE.
NO APPARENT ENDANGERED SPECIES ON SITE. NO HISTORIC PROPERTIES ON SITE.

STORM WATER CONTAMINANTS ON SITE table with columns: CONTAMINANT, PRESENT (X)
ASPHALT, CONCRETE, PAINTS, CURING COMPOUNDS, HYDRAULIC OIL/FLUIDS, GASOLINE, DIESEL FUEL, ANTIFREEZE/COOOLANT, WATER LINE FLUSHING WATER, LANDSCAPE IRRIGATION, PAVEMENT WASH WATERS.

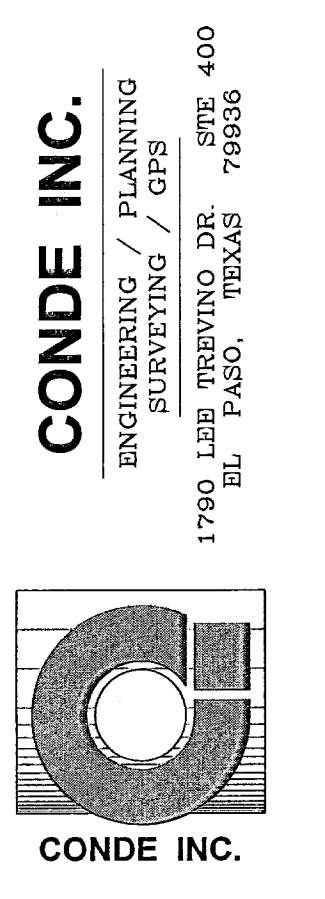
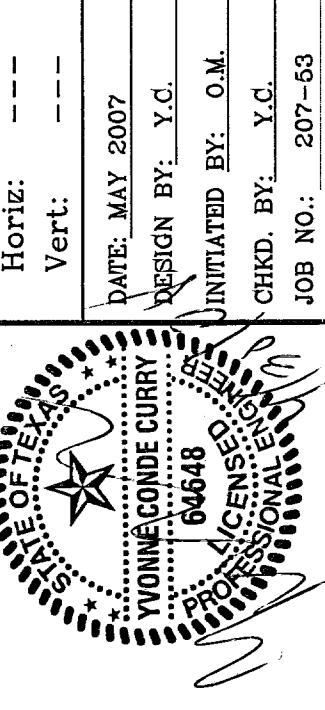
THE CONTAINMENT AREA FOR THESE ITEMS IS LOCATED: AS SHOWN ON PLAN
THE STAGING AREA FOR THIS SITE IS LOCATED: AS SHOWN ON PLAN
THE PORTABLE TOILET FOR THIS SITE IS LOCATED: AS SHOWN ON PLAN

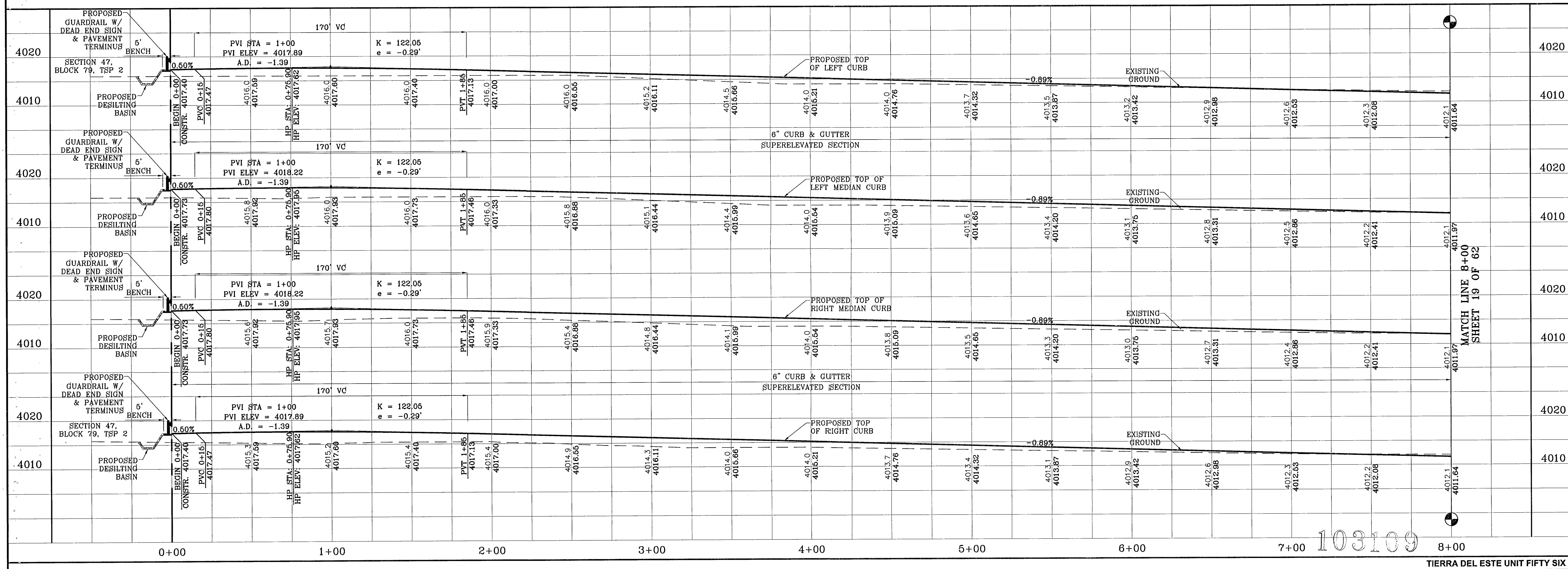
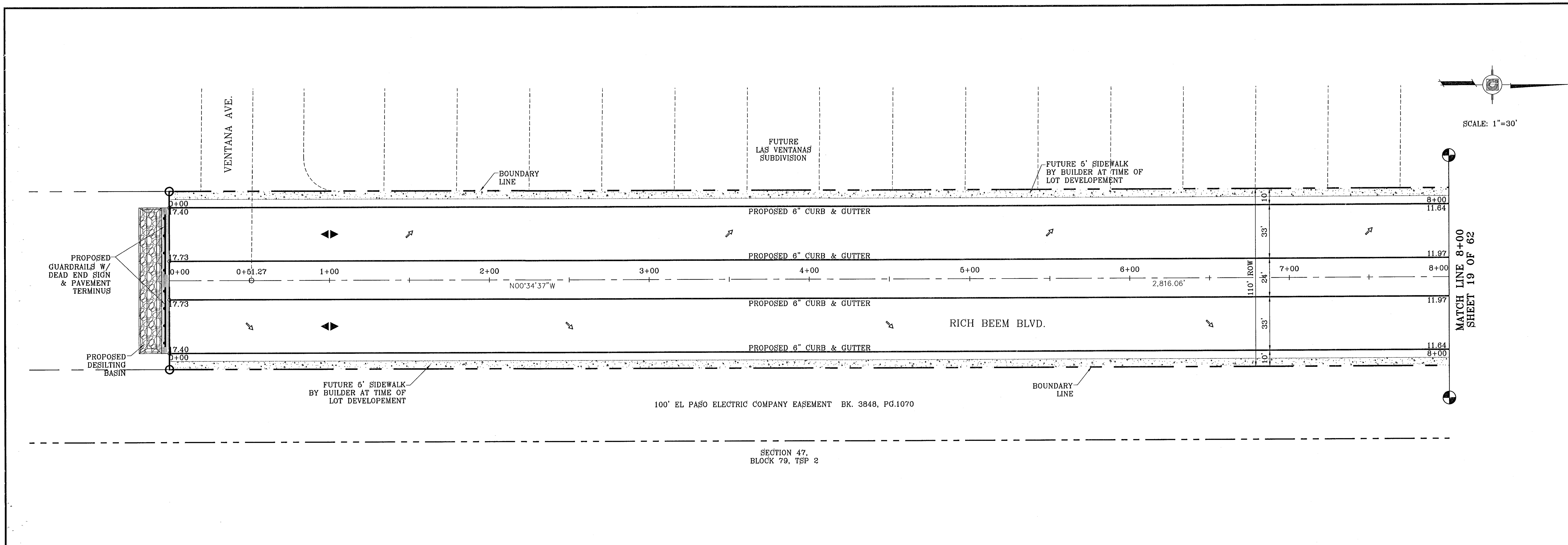
NON STORM WATER DISCHARGES ON SITE (CHECKED ITEMS ONLY).
FIRE HYDRANT FLUSHING, VEHICLE WASH WATER, DUST CONTROL WATER, WATER LINE FLUSHING WATER, LANDSCAPE IRRIGATION, PAVEMENT WASH WATERS.

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

BENCHMARKS table with columns: DATE, BY

TERRA DEL ESTE UNIT FIFTY SIX
BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 70, TOWNSHIP 2, TEXAS, AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES.





SCALE: 1"=30'

MATCH LINE 8+00  
SHEET 19 OF 62

BENCHMARKS

NGS MARKER: COPPER-GLAD STEEL ROD	DATE
DESIGNATED: X 1118" P.D. "CEG41"	BY
ELEVATION: 7.997.12	
REVISIONS	

PROJECT NAME  
**TERRA DEL ESTE  
UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS, AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.551 ACRES.

SCA L E  
Horiz: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53

ENGINEER'S SEAL

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1700 LBB PREVINO DR. STE 400  
EL PASO, TEXAS 79936

SHEET TITLE  
**RICH BEEM BLVD.  
STA: 0+00  
TO  
STA: 8+00**

SHT 18 OF 62

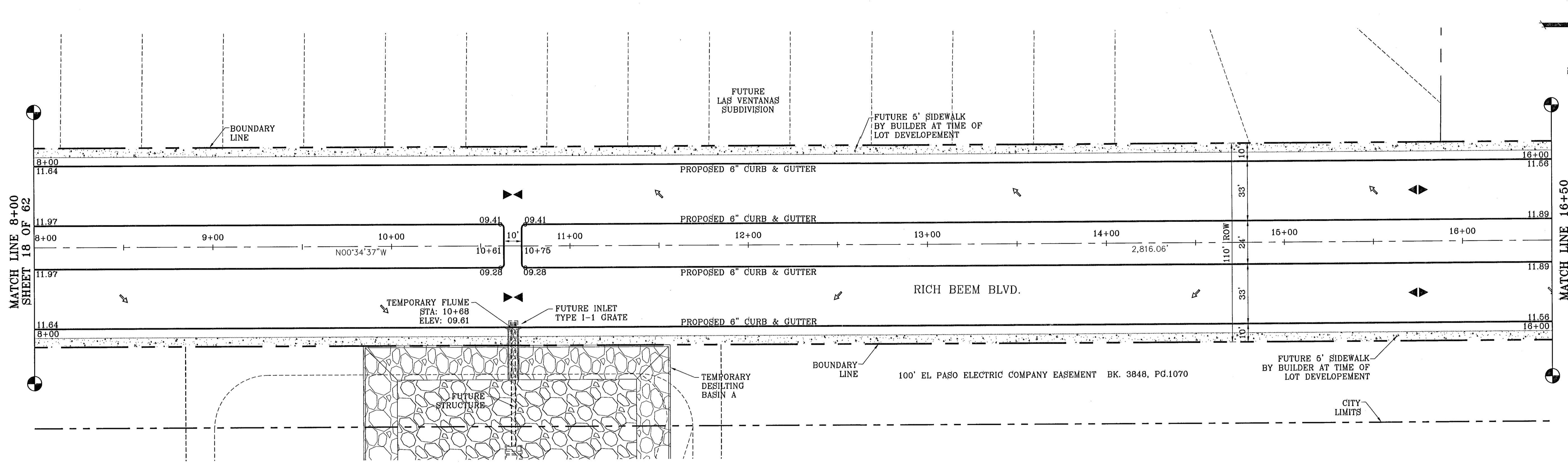
103109

TERRA DEL ESTE UNIT FIFTY SIX

MATCH LINE 8+00  
SHEET 18 OF 62

MATCH LINE 16+50  
SHEET 20 OF 62

SCALE: 1"=30'

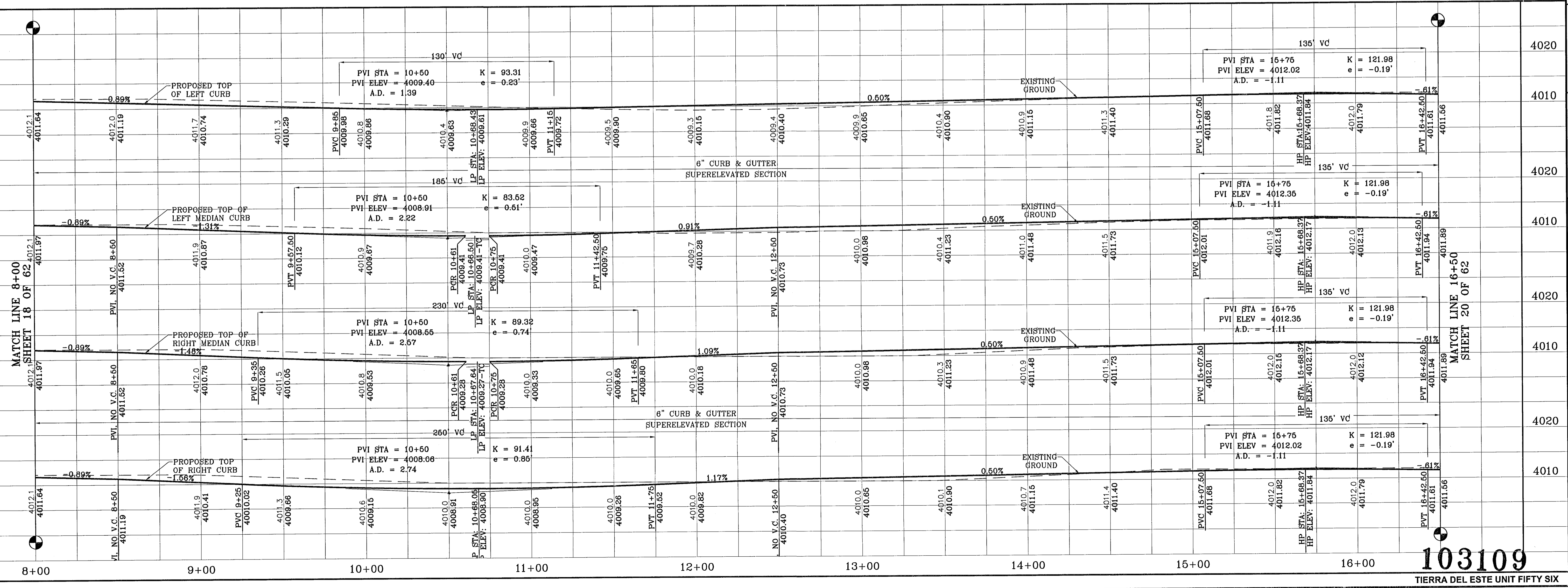


SEE SHEET 56 OF 62  
FOR DESILTING BASIN A  
& FLUME DETAILS

BENCHMARKS  
NGS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 1118 PD "C014"  
ELEVATION: 2977.12

DATE: 04-23-08  
CITY REDLINES AS PER 04-18-08 COMMENTS O.M.

PROJECT NAME  
**TERRA DEL ESTE  
UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.551 ACRES.



SCA L E  
Horiz: 1"=30'  
Vert: 1"=10'

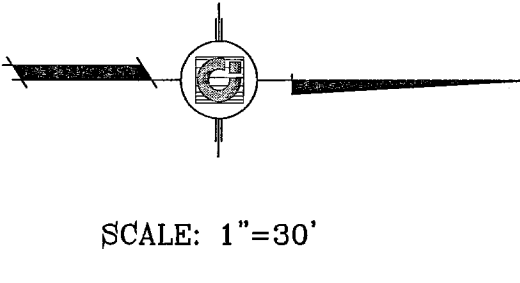
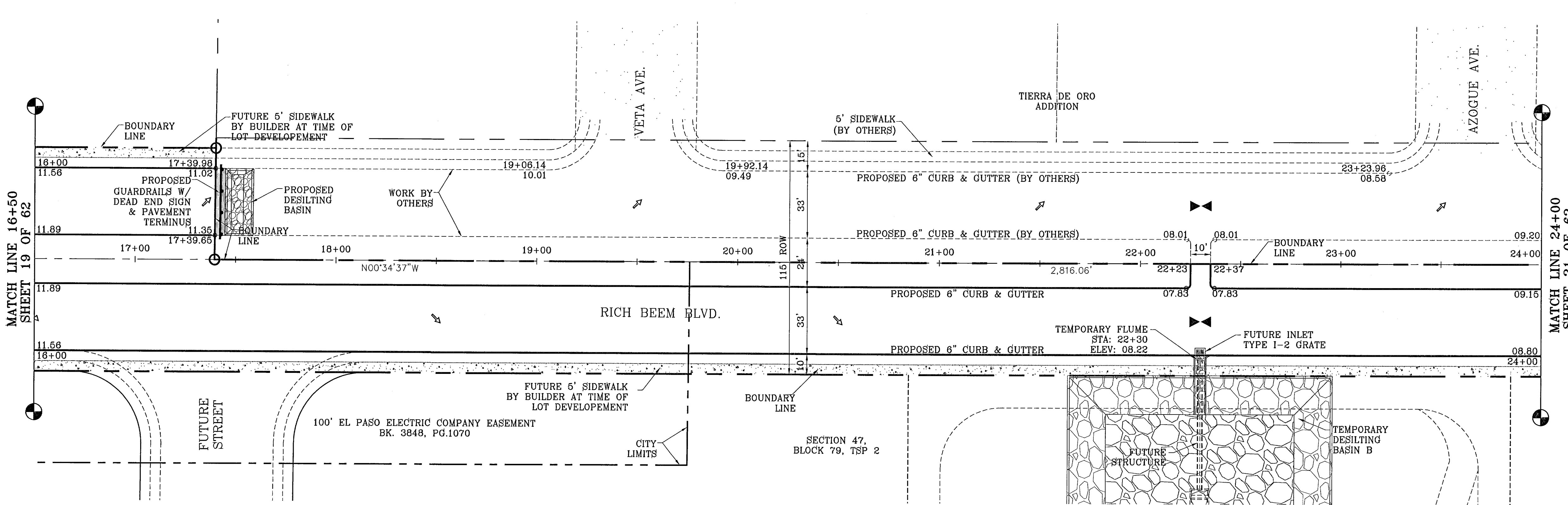
DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53

ENGINEER'S SEAL

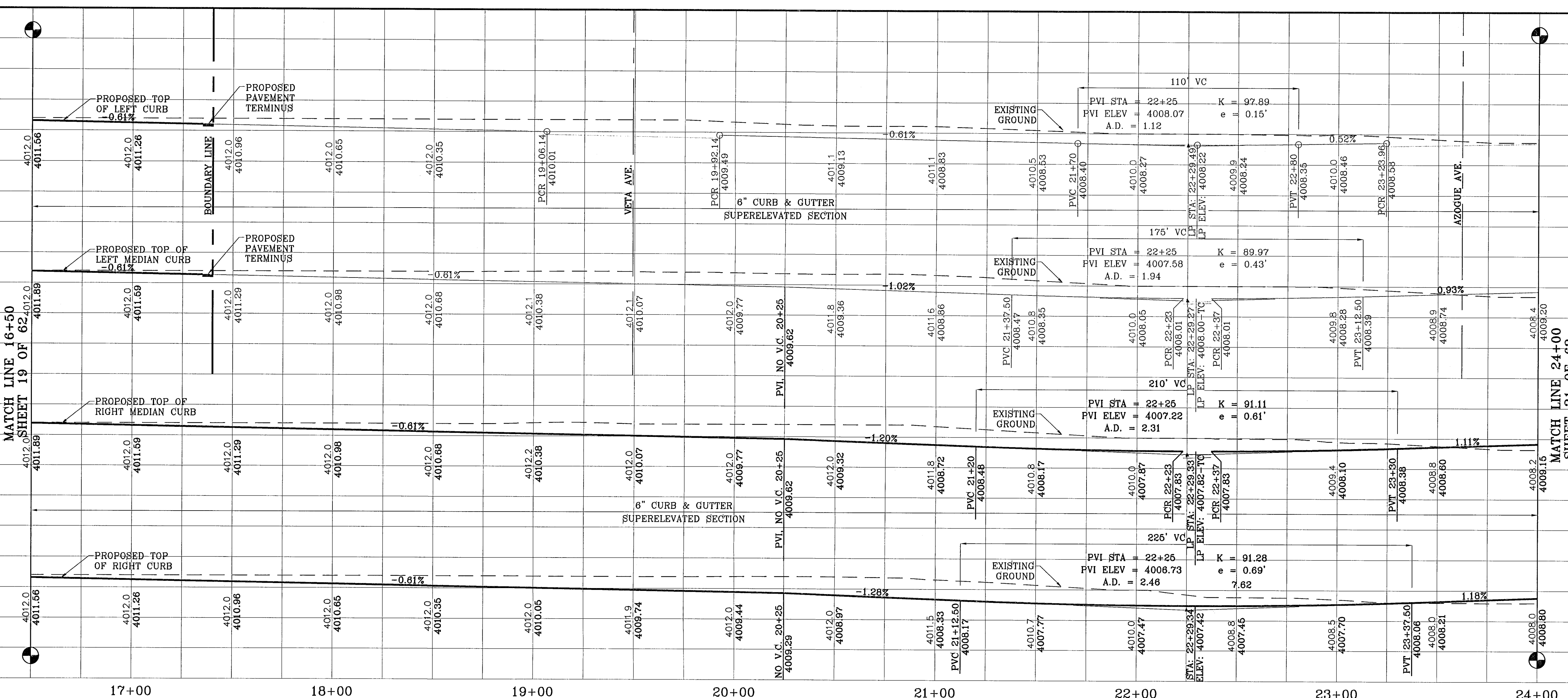
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1700 LEB RESERVING DR. STE 400  
EL PASO, TEXAS 79936

SHEET TITLE  
STREET  
PLAN-PROFILE  
**RICH BEEM BLVD.**  
STA: 8+00  
STA: 16+50

103109  
SHEET 19 OF 62  
TERRA DEL ESTE UNIT FIFTY SIX



SEE SHEET 56 OF 62  
FOR DESILTING BASIN B  
& FLUME DETAILS



16+00 17+00 18+00 19+00 20+00 21+00 22+00 23+00 24+00

103109  
TIERRA DEL ESTE UNIT FIFTY SIX

BENCHMARKS

NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: 3X 1118" PD "C0141"	ELEVATION: 2997.12
DATE: 12-06-07	CITY REDLINES AS PER: 11-19-07 COMMENTS: O.M.	
DATE: 04-23-08	CITY REDLINES AS PER: 04-18-08 COMMENTS: O.M.	

PROJECT NAME  
**TIERRA DEL ESTE  
UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.551 ACRES

SCALE  
Horiz: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-03

ENGINEER'S SEAL  
YVONNE GOWME CURRY  
REGISTERED PROFESSIONAL ENGINEER  
NO. 14046  
STATE OF TEXAS

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / G.P.E.

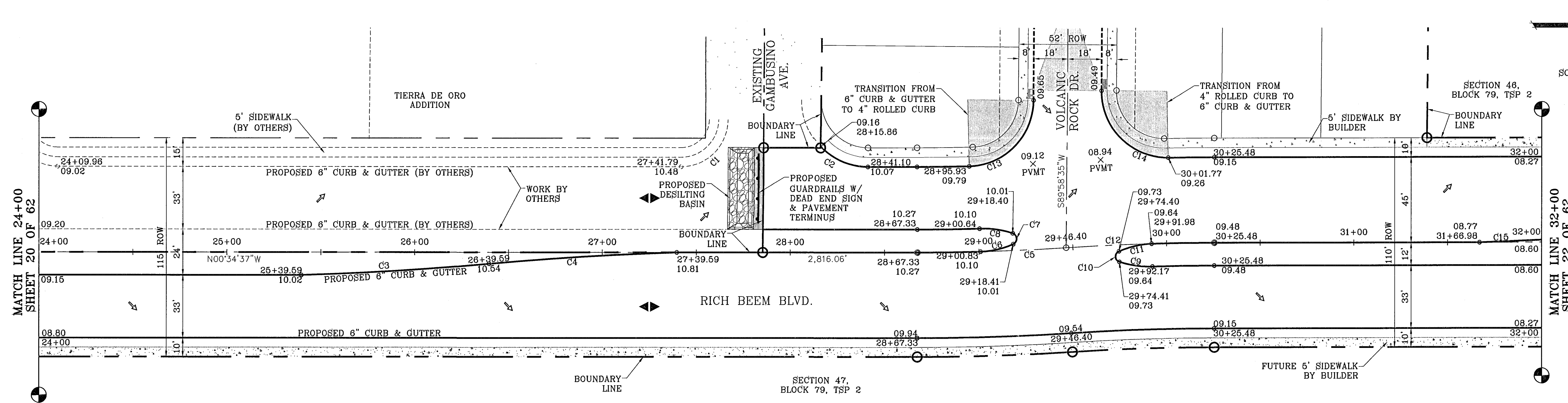
1700 LEE TREWINO DR. SITE 400  
EL PASO, TEXAS 79956

**CONDE INC.**

SHEET TITLE  
STREET  
PLAN-PROFILE

**RICH BEEM BLVD.**  
STA: 16+00  
TO  
STA: 24+00

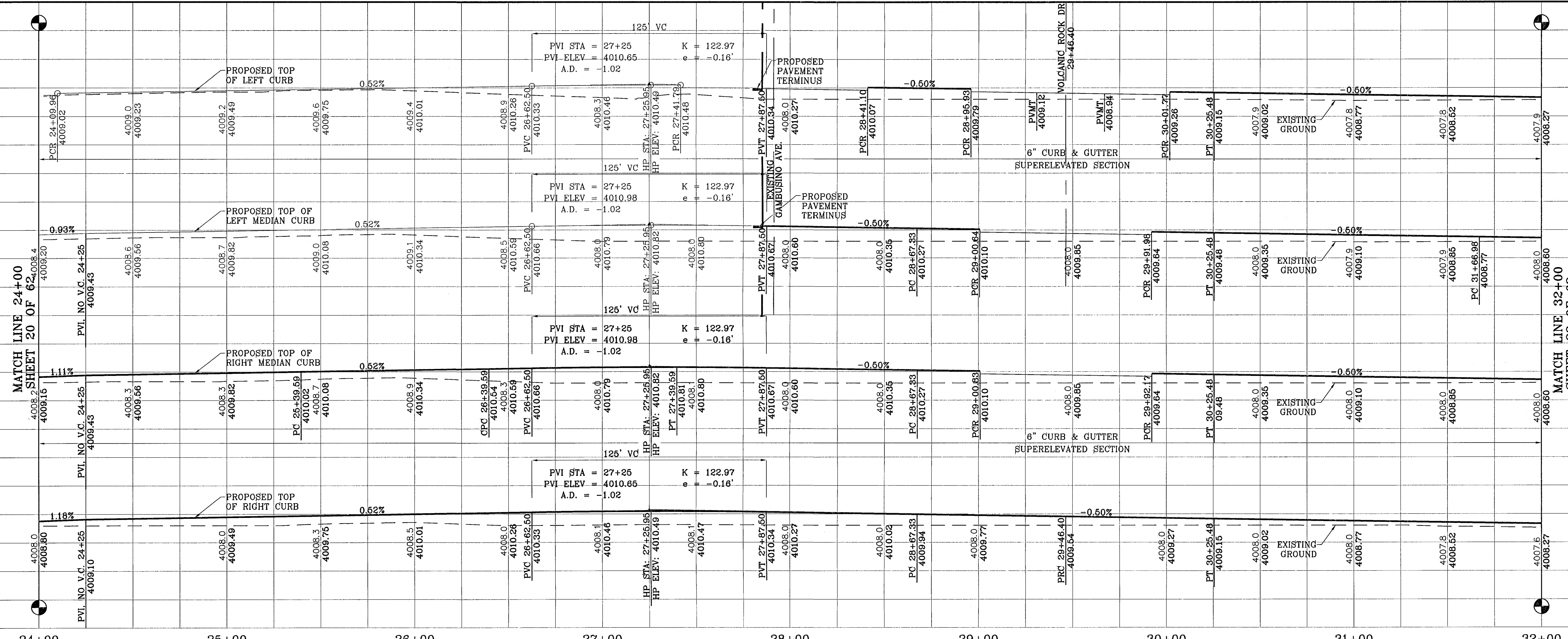
SHT 20 OF 62



SCALE: 1"=30'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	25.00	39.02	24.75	35.18	N45°17'19"W	89°25'23"
C2	35.00	55.32	35.34	49.74	N44°41'59"E	90°33'12"
C3	1669.66	100.19	50.11	100.18	N04°00'38"W	3°28'18"
C4	1669.66	100.19	50.11	100.18	S04°00'38"E	3°28'18"
C5	1250.00	79.07	39.55	79.06	N02°23'21"W	3°37'28"
C6	50.00	17.96	9.08	17.87	N13°17'58"W	20°35'04"
C7	3.00	7.27	7.99	5.62	S86°59'34"W	138°49'51"

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C8	50.00	17.96	9.08	17.87	S07°17'06"W	20°35'04"
C9	50.00	17.96	9.08	17.87	N07°17'06"E	20°35'04"
C10	3.00	7.27	7.99	5.62	N86°59'34"E	138°49'51"
C11	50.00	17.96	9.08	17.87	S13°17'58"E	20°35'04"
C12	1250.00	79.07	39.55	79.06	S02°23'21"E	3°37'28"
C13	35.00	53.84	33.88	48.69	N45°57'21"W	88°08'09"
C14	35.00	55.98	36.02	50.20	N44°09'23"E	91°38'24"
C15	1669.66	100.19	50.11	100.18	N04°00'38"W	3°28'18"



103109

BENCHMARKS

NCS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 116' PD "CE041"  
ELEVATION: 3987.12

REVISIONS

NO.	DATE	BY	DESCRIPTION
01	04-28-08	CITY	CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

PROJECT NAME

**TERRA DEL ESTE  
UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.561 ACRES

ENGINEER'S SEAL

S C A L E  
Hori: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
INTEGRATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53

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

1790 LBE TRUVING DR. STE 400  
EL PASO, TEXAS 79936

SHEET TITLE

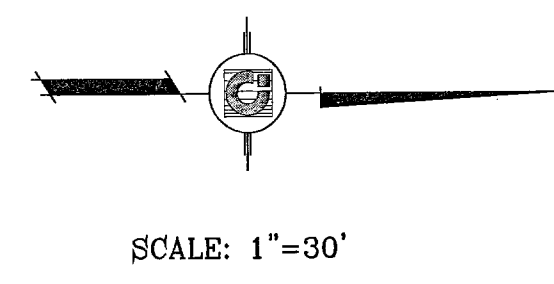
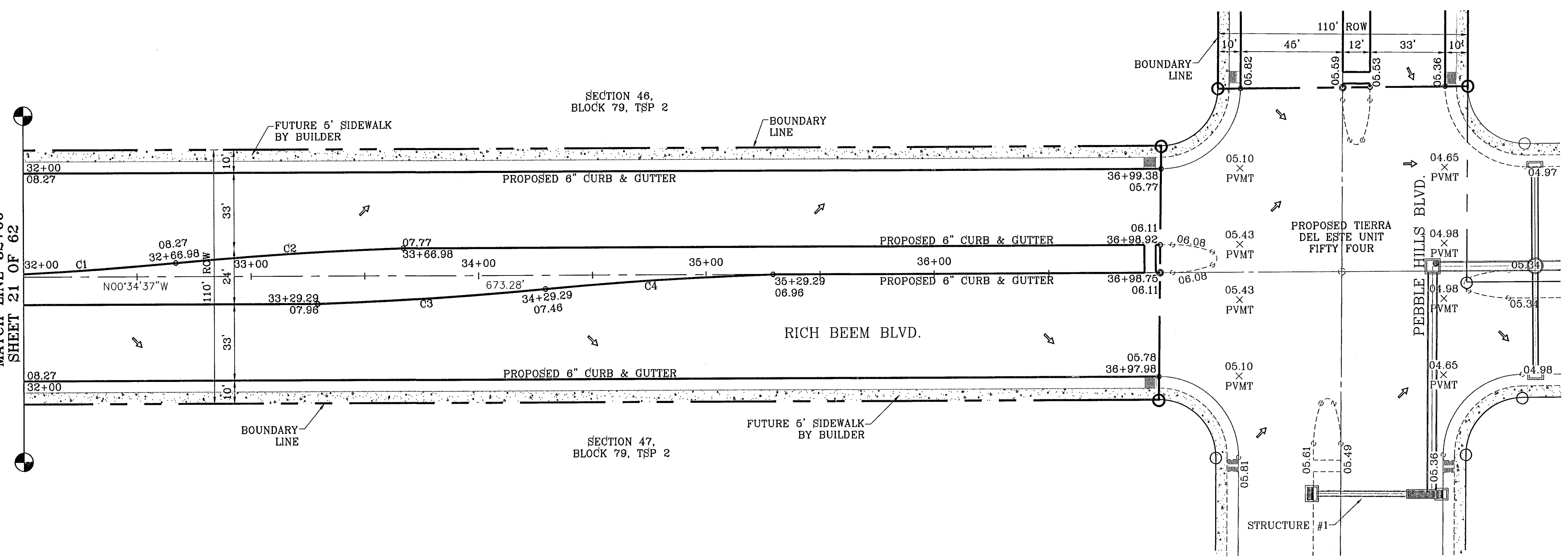
**STREET  
PLAN-PROFILE**

**RICH BEEM BLVD.**  
STA: 24+00  
TO  
STA: 32+00

SHT 21 OF 62

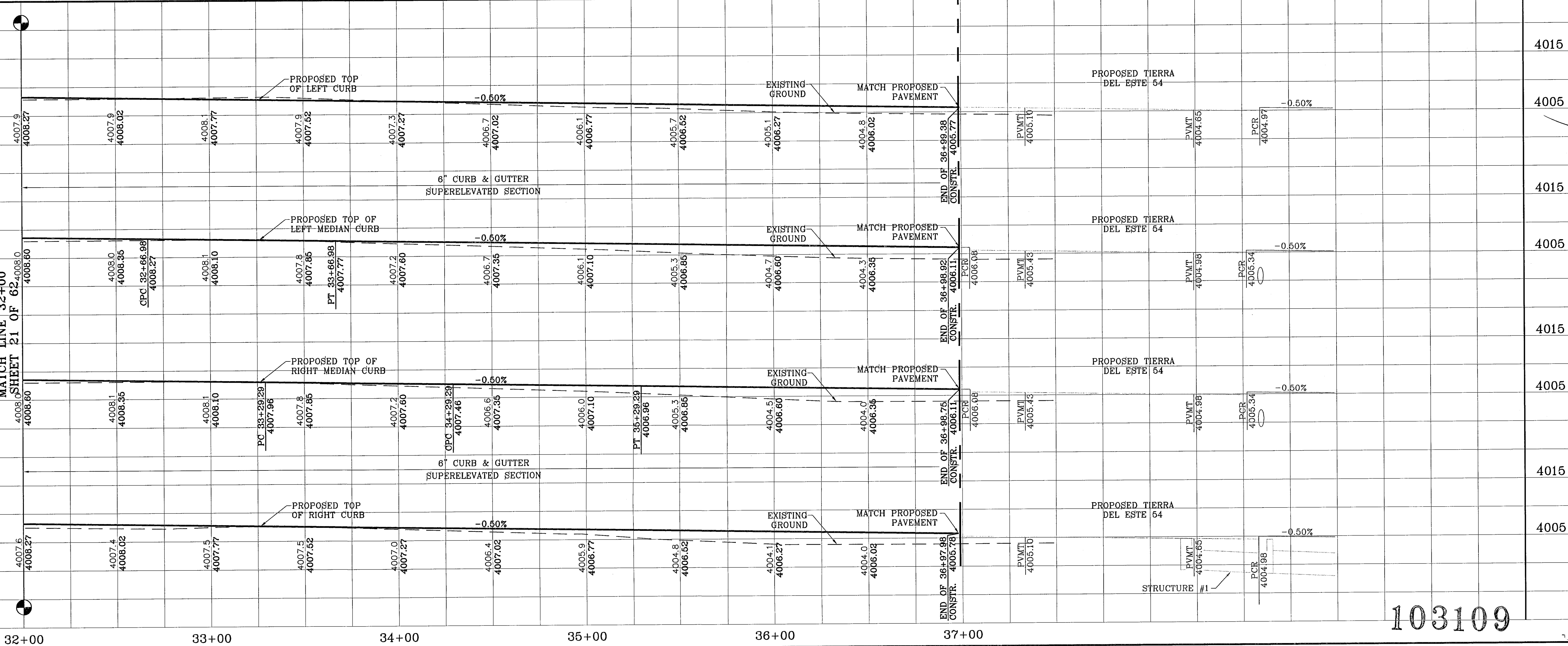


MATCH LINE 32+00  
SHEET 21 OF 62



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	1669.66	100.19	50.11	100.18	N04°00'38\"W	3°26'18\"
C2	1669.66	100.19	50.11	100.18	S04°00'38\"E	3°26'18\"
C3	1669.66	100.19	50.11	100.18	N04°00'38\"W	3°26'18\"
C4	1669.66	100.19	50.11	100.18	S04°00'38\"E	3°26'18\"

MATCH LINE 32+00  
SHEET 21 OF 62



103109

BENCHMARKS  
NGS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: 1916 D 32041  
ELEVATION: 989.72

PROJECT NAME  
**TERRA DEL ESTE  
UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.651 ACRES.

DATE: 04-23-08  
CITY: REDLINES AS PER 04-19-08 COMMENTS O.M.  
BY: [Signature]

SCALE  
Horiz: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53

ENGINEER'S SEAL  
STATE OF TEXAS  
YOUNG CONDE CURRY  
REGISTERED PROFESSIONAL ENGINEER  
NO. 10440

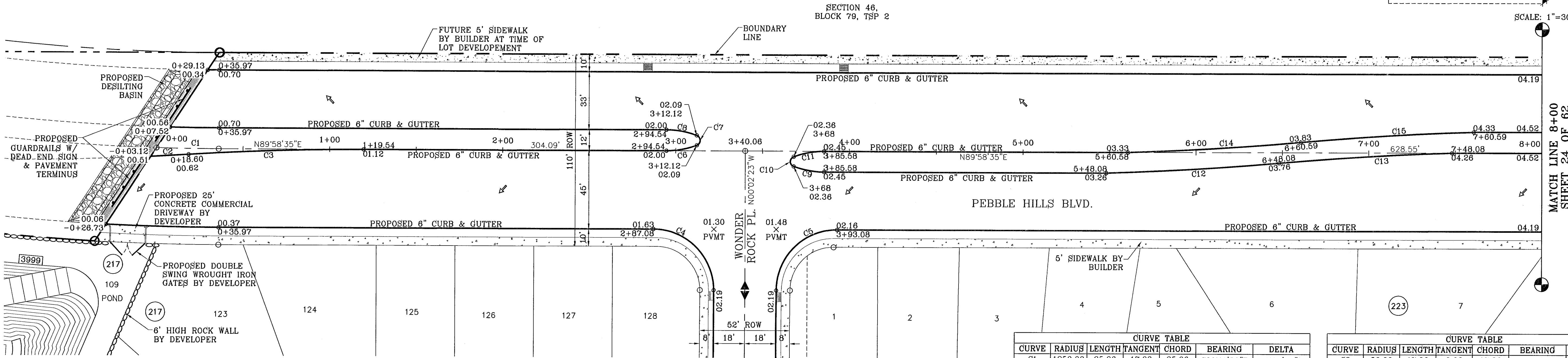
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1790 LEE TREVINO DR. STE 400  
EL PASO, TEXAS 79936

**CONDE INC.**

SHEET TITLE  
**STREET  
PLAN-PROFILE**

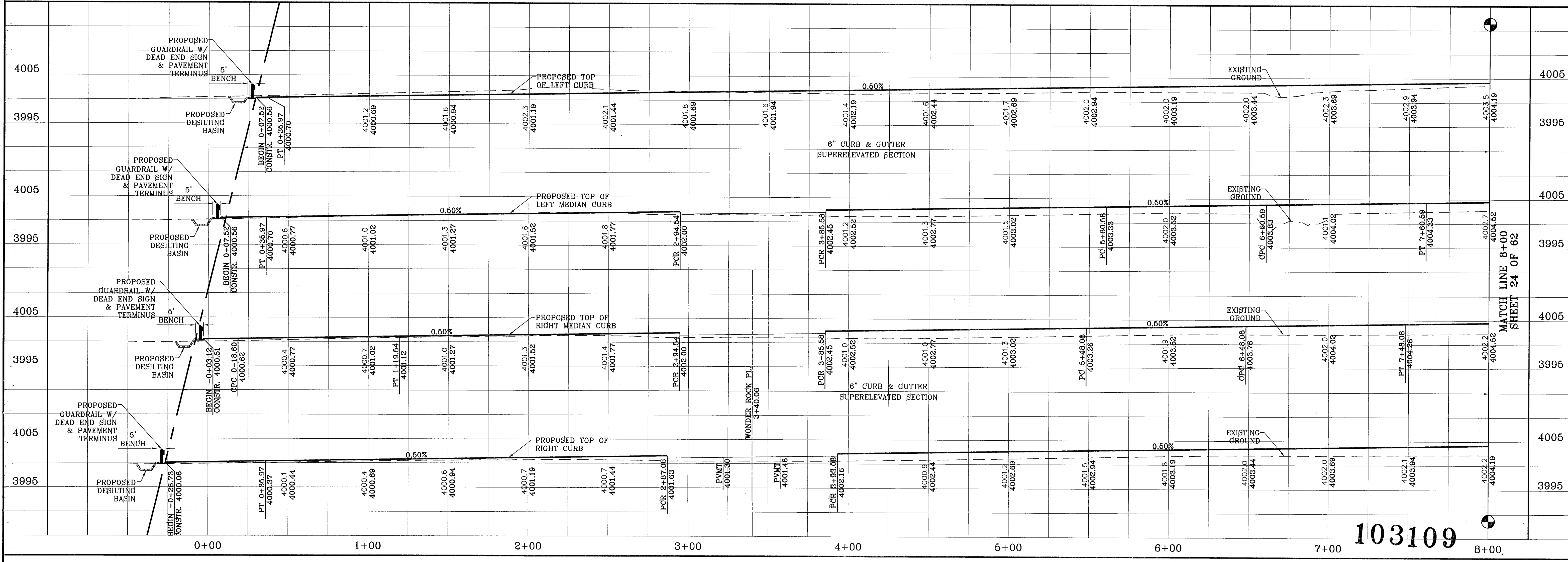
**RICH BEEM BLVD.**  
STA: 32+00  
TO  
STA: 36+98.75

SHT 22 OF 62



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	1250.00	35.96	17.98	35.96	S89°11'58"E	1°38'54"
C2	1586.23	21.87	10.93	21.87	N86°43'17"E	0°47'24"
C3	1586.23	101.05	50.54	101.03	S88°09'05"W	3°39'00"
C4	35.00	54.97	34.99	49.49	N45°01'54"W	89°59'03"
C5	35.00	54.99	35.01	49.50	S44°58'06"W	90°00'57"
C6	50.00	17.96	9.08	17.86	N79°41'07"E	20°34'55"
C7	3.00	7.27	7.99	5.62	N00°01'25"W	138°50'10"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C8	50.00	17.96	9.08	17.86	N79°43'58"W	20°34'55"
C9	50.00	17.96	9.08	17.86	S79°43'58"E	20°34'55"
C10	3.00	7.27	7.99	5.62	S00°01'25"E	138°50'10"
C11	50.00	17.96	9.08	17.86	S79°41'07"W	20°34'55"
C12	1669.66	100.19	50.11	100.18	N86°32'34"E	3°26'18"
C13	1669.66	100.19	50.11	100.18	S86°32'34"W	3°26'18"
C14	1669.66	100.19	50.11	100.18	N86°32'34"E	3°26'18"
C15	1669.66	100.19	50.11	100.18	S86°32'34"W	3°26'18"



103109

DATE	REVISIONS	COMMENTS
04-23-08	CITY REDLINES AS PER 04-16-08	COMMENTS O.M.

**TERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79  
 BEING A PORTION OF PLATS 1118 AND 1119, COUNTY SURVEYS,  
 TOWNSHIP 2 NORTH, RANGE 10 EAST, PASO COUNTY, TEXAS.  
 CITY OF PASADO, TEXAS, CONTAINING 79.561 ACRES.

SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'

DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-53

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

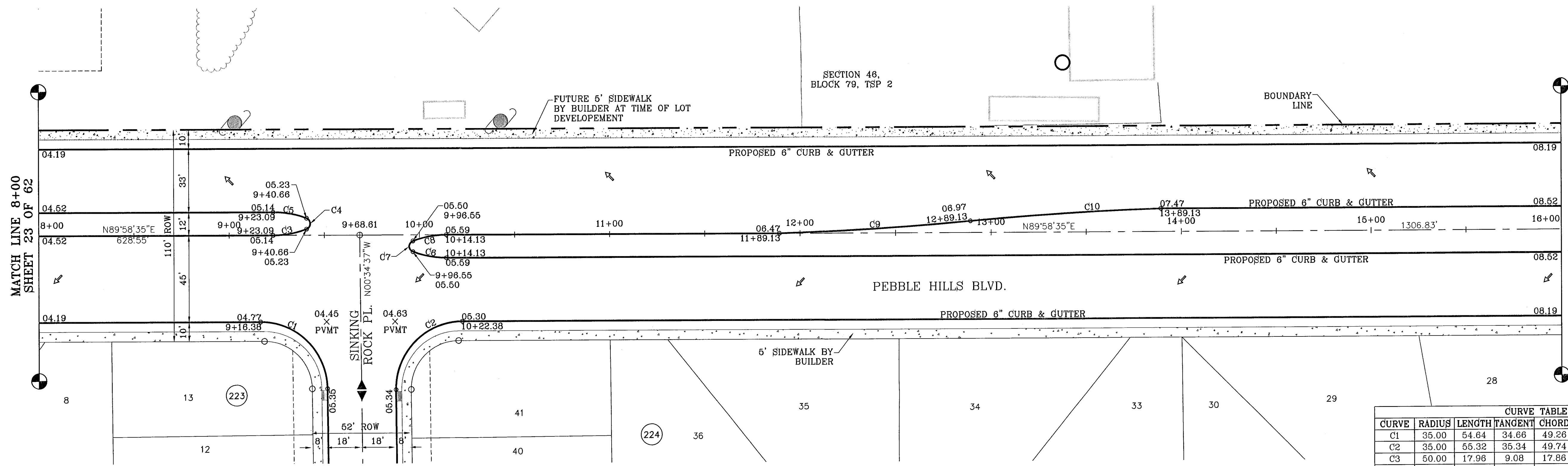
1700 LEE TREVINO DR. STE 400  
 EL PASO, TEXAS 79936

SHEET TITLE  
**STREET PLAN - PROFILE**  
**PEBBLE HILLS BLVD.**  
 STA: 0+00  
 TO  
 STA: 8+00

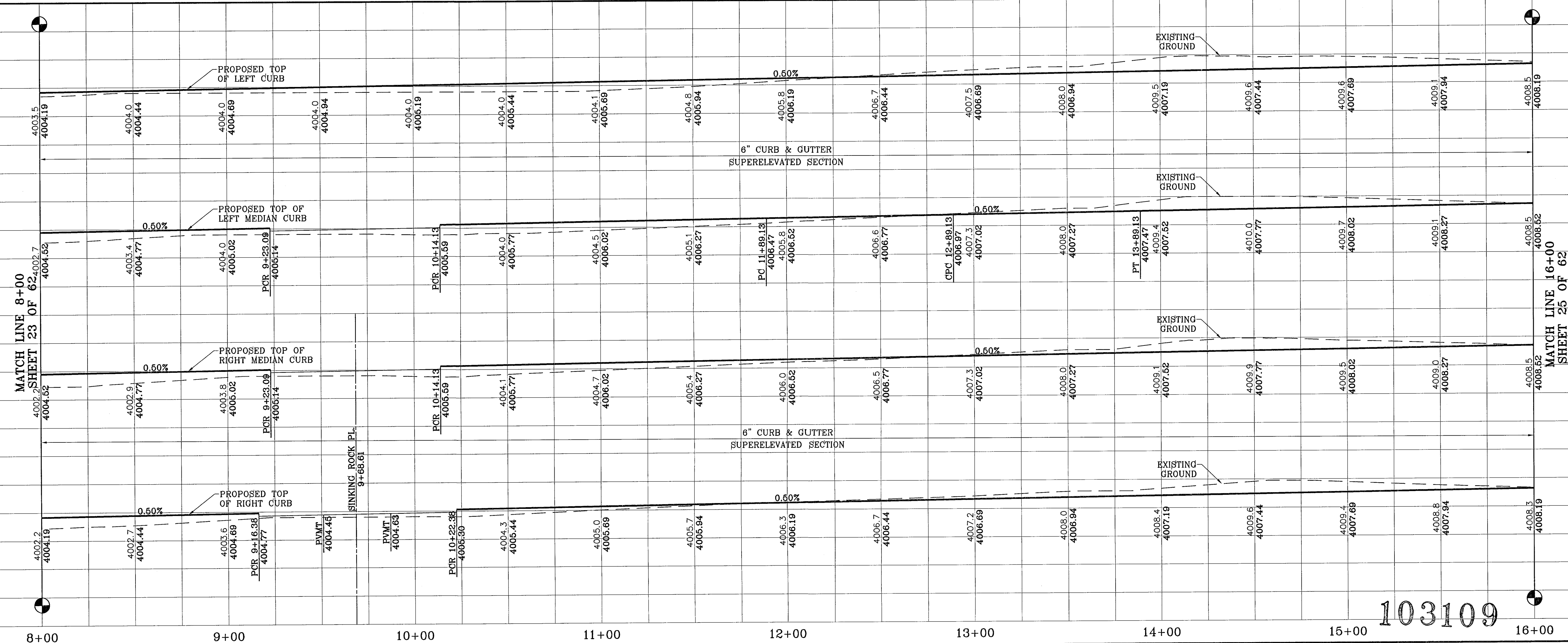
SHT 23 OF 62

MATCH LINE 8+00  
SHEET 23 OF 62

MATCH LINE 16+00  
SHEET 25 OF 62



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	35.00	54.64	34.66	49.28	N45°18'01"W	89°26'48"
C2	35.00	55.32	35.34	49.74	S44°41'59"W	90°33'12"
C3	50.00	17.96	9.08	17.86	N79°41'07"E	20°34'55"
C4	3.00	7.27	7.99	5.62	N00°01'25"W	138°50'10"
C5	50.00	17.96	9.08	17.86	N79°43'58"W	20°34'55"
C6	50.00	17.96	9.08	17.86	S79°43'58"E	20°34'55"
C7	3.00	7.27	7.99	5.62	S00°01'25"E	138°50'10"
C8	50.00	17.96	9.08	17.86	S79°41'07"W	20°34'55"
C9	1669.68	100.19	50.11	100.18	N86°32'34"E	3°28'18"
C10	1669.68	100.19	50.11	100.18	S86°32'34"W	3°28'18"



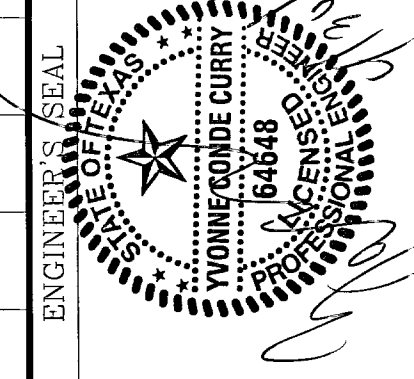
103109

TIERRA DEL ESTE UNIT FIFTY SIX

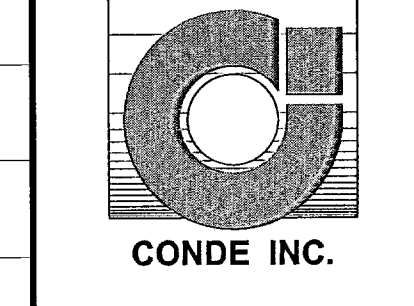
BENCHMARKS  
NCS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 1118' P10 'CE0141'  
ELEVATION: 8897.12  
DATE: 04-23-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.  
BY:

PROJECT NAME  
**TIERRA DEL ESTE UNIT FIFTY SIX**  
BRING A PORTION OF SECTIONS 46, AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES.

SCALE  
Horizontal: 1"=30'  
Vertical: 1"=10'  
DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1700 LEE TREVINO DR. STE 400  
EL PASO, TEXAS 79956

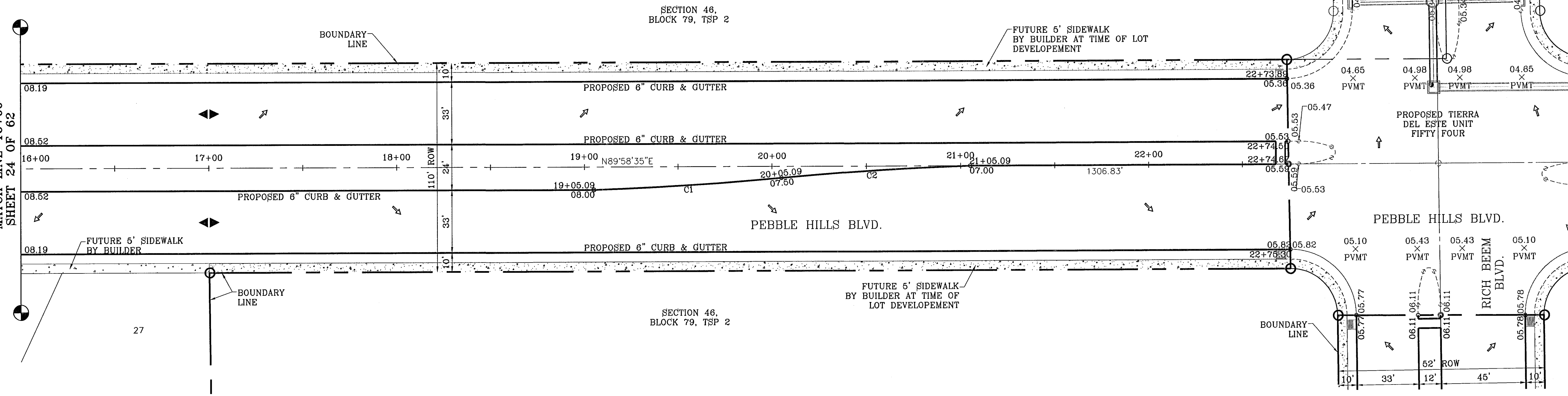


SHEET TITLE  
**STREET PLAN-PROFILE**  
PEBBLE HILLS BLVD.  
STA: 8+00  
TO  
STA: 16+00

SHT 24 OF 62

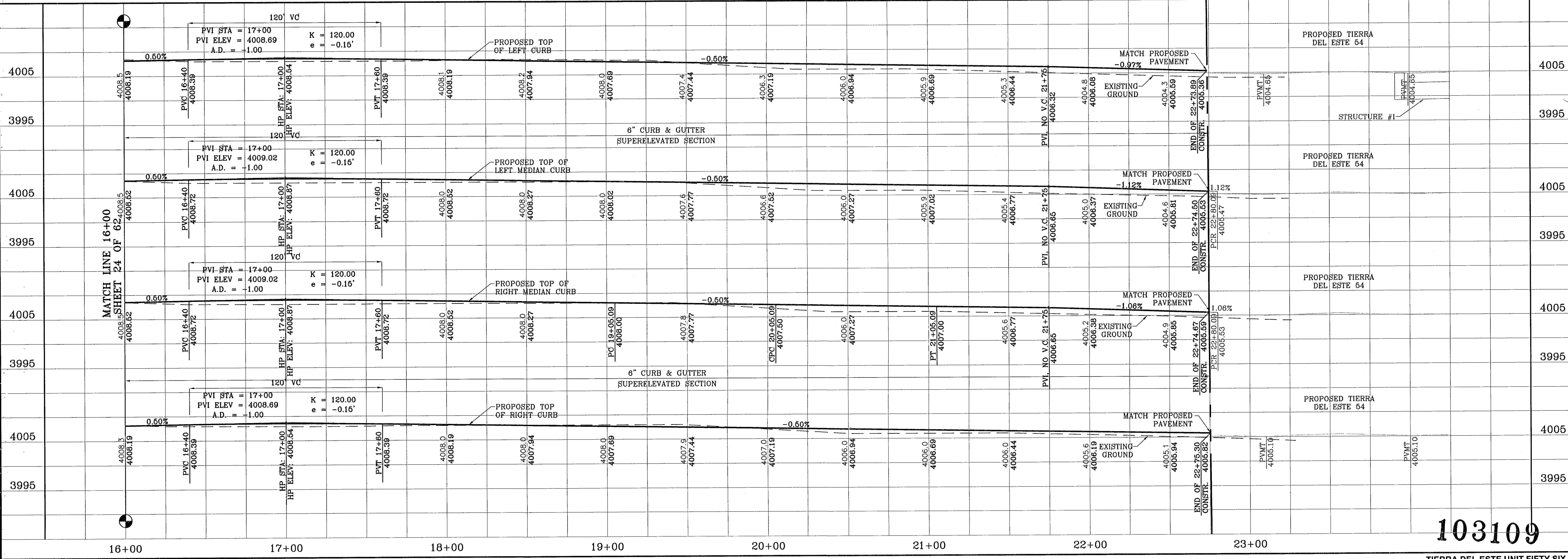
MATCH LINE 16+00  
SHEET 24 OF 62

MATCH LINE 16+00  
SHEET 24 OF 62



SCALE: 1"=30'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	1669.66	100.19	50.11	100.18	N86°32'34"E	3°26'18"
C2	1669.66	100.19	50.11	100.18	S86°32'34"W	3°26'18"

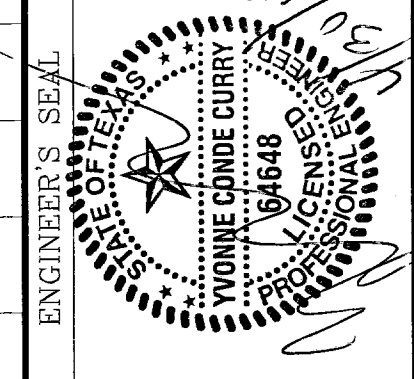


103109  
TIERRA DEL ESTE UNIT FIFTY SIX

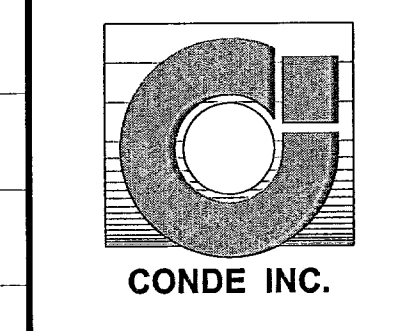
BENCHMARKS  
NGS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: 7-1118-89  
ELEVATION: 587.12  
DATE: 12-06-07  
CITY: RED LINES AS PER 11-19-07 COMMENTS  
BY: [Signature]

PROJECT NAME  
**TIERRA DEL ESTE UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES

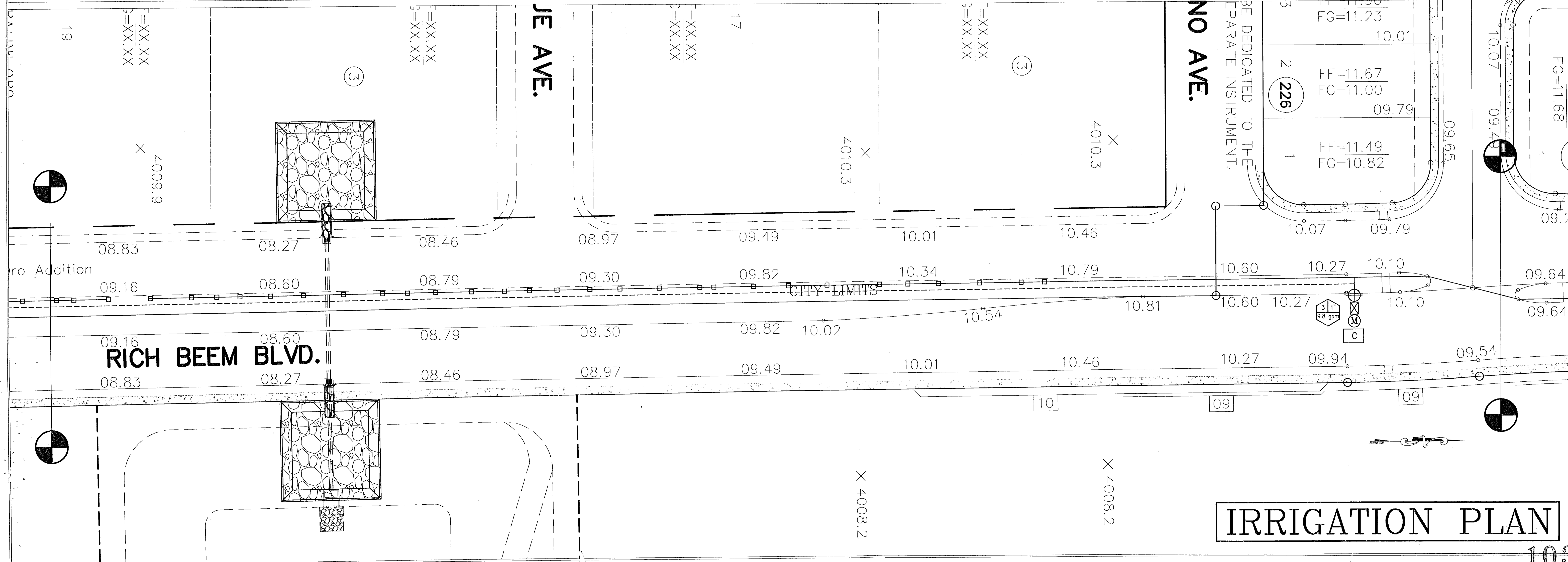
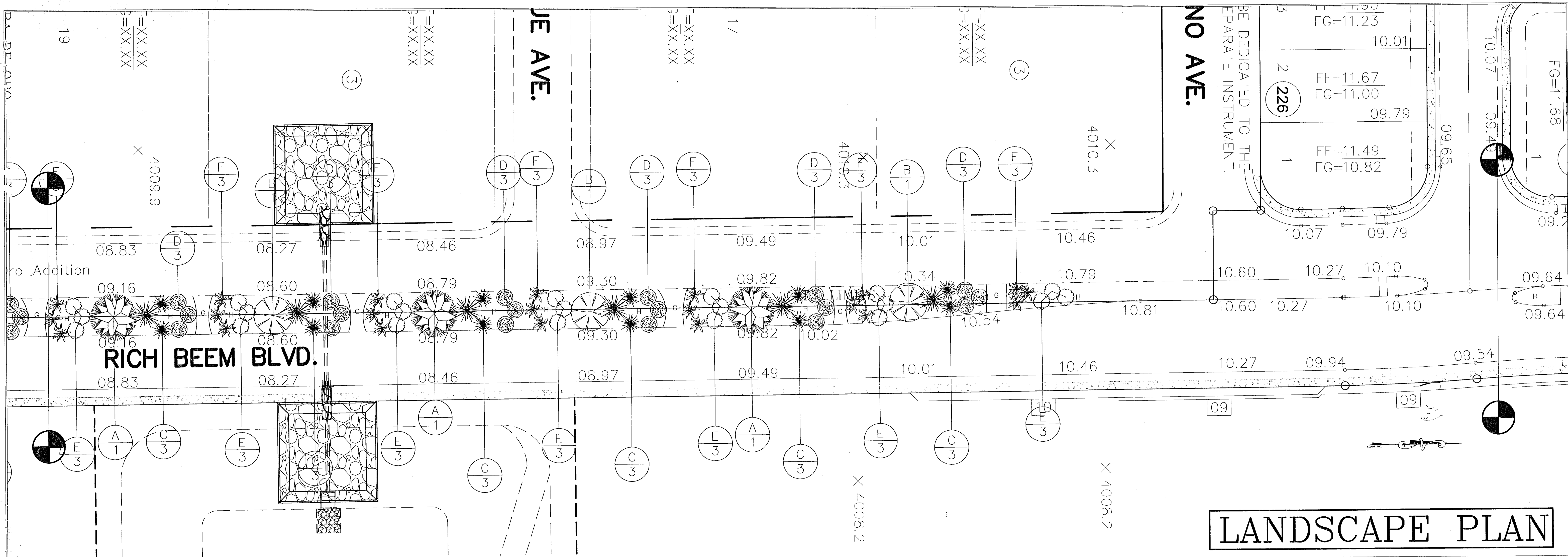
SCALE  
Horizontal: 1"=30'  
Vertical: 1"=10'  
DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1700 LBJ FREWING DR. STE 400  
EL PASO, TEXAS 79936



SHEET TITLE  
**STREET PLAN - PROFILE**  
PEBBLE HILLS BLVD.  
STA: 16+00 TO STA: 22+75.44



REFERENCES

NO.	DATE	REVISIONS

**RICH BEEM BLVD.  
MEDIAN LANDSCAPING  
AND IRRIGATION  
TIERRA DEL ESTE 56**

PROJECT NAME: RICH BEEM BLVD. MEDIAN LANDSCAPING AND IRRIGATION

DATE: SEPT 2007

DESIGN BY: RMJR

DRAWN BY: RMJR

CHECKED BY: RMJR

JOB NO.: 4-30-2003

Scale: Horiz: 1" = 30', Vert: 1" = 10'

**SWLDS INC.**

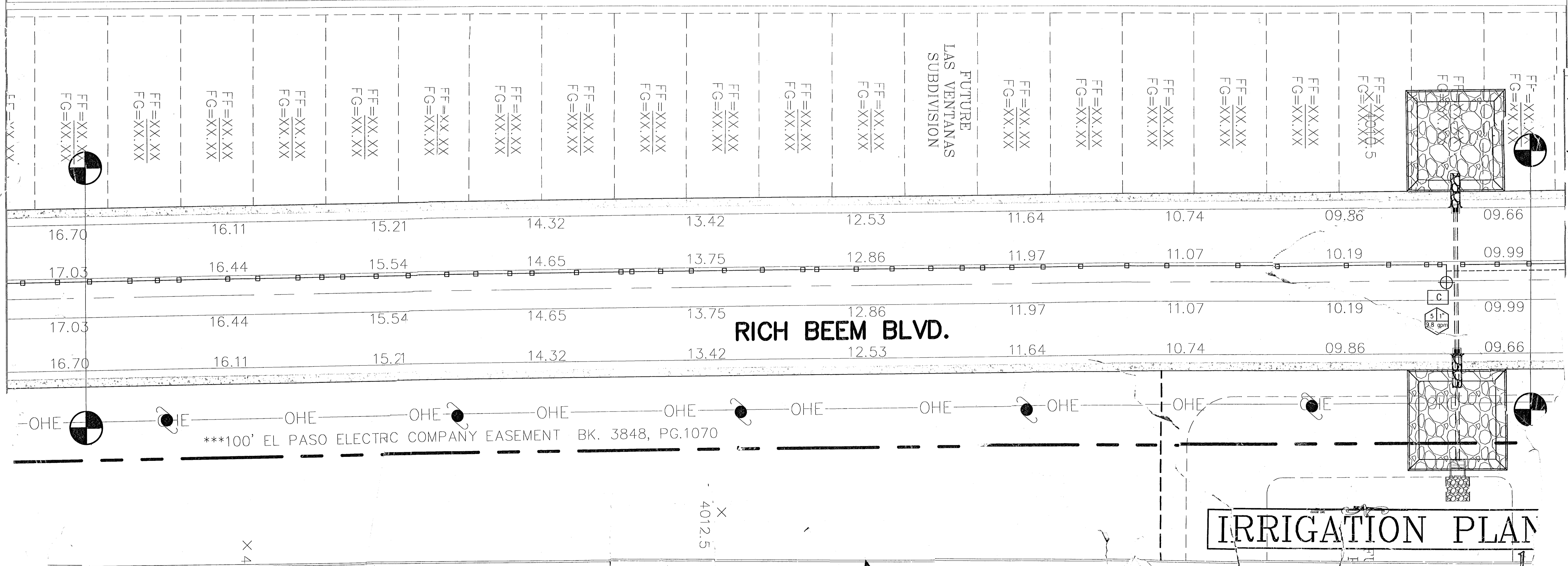
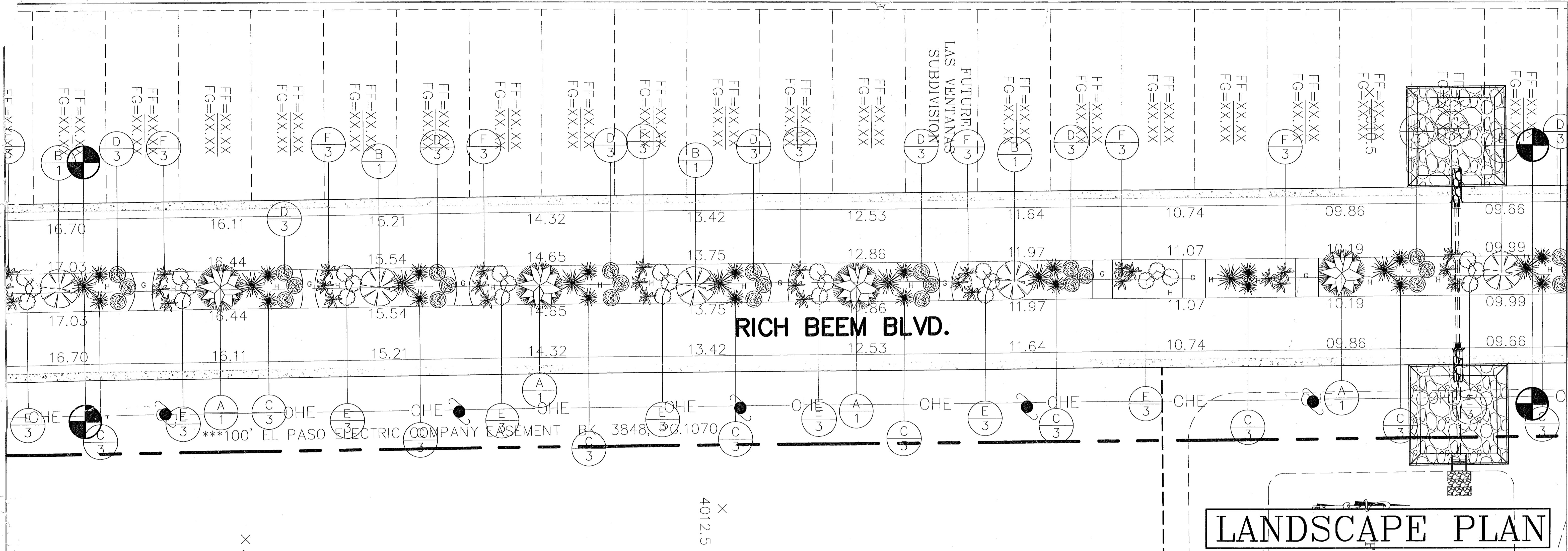
Southwest Land Development Services, Inc.

1790 LEE TREVINO DR. STE 601  
EL PASO, TEXAS 79906

SHEET TITLE

SHT 5 OF 8

103109



PROJECT NAME  
**RICH BEEM BLVD.  
MEDIAN LANDSCAPING  
AND IRRIGATION  
TIERRA DEL ESTE 56**

DATE

REVISIONS

BY

DATE

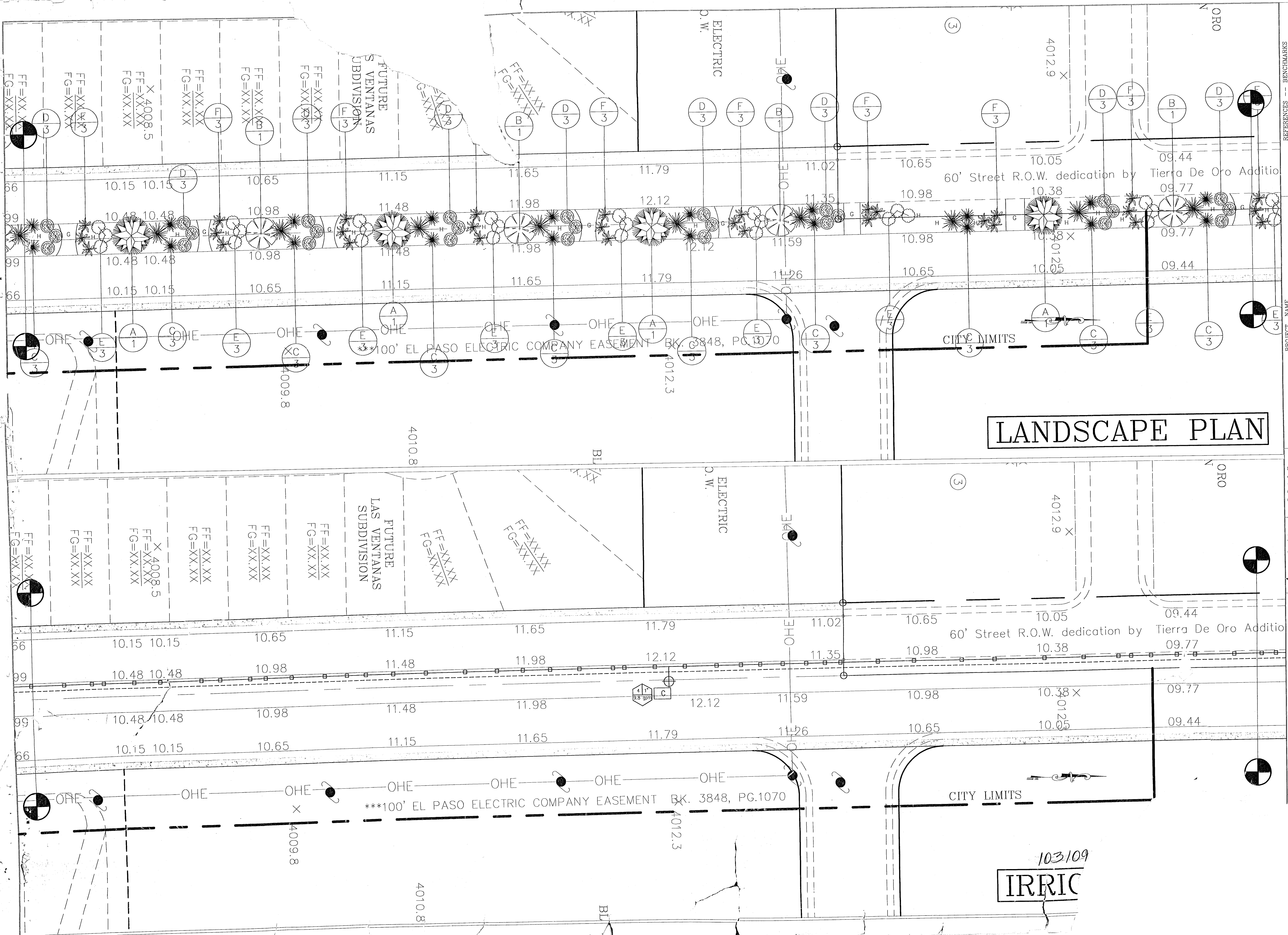
REFERENCES -- BENCHMARKS

SCALE  
1"=30'

DATE  
SEPT 2007

BY  
RMJR  
RMJR  
MJR

4-30-03



**LANDSCAPE PLAN**

**IRRIG**

**RICH BEEM BLVD.  
MEDIAN LANDSCAPING  
AND IRRIGATION  
TIERRA DEL ESTE 56**

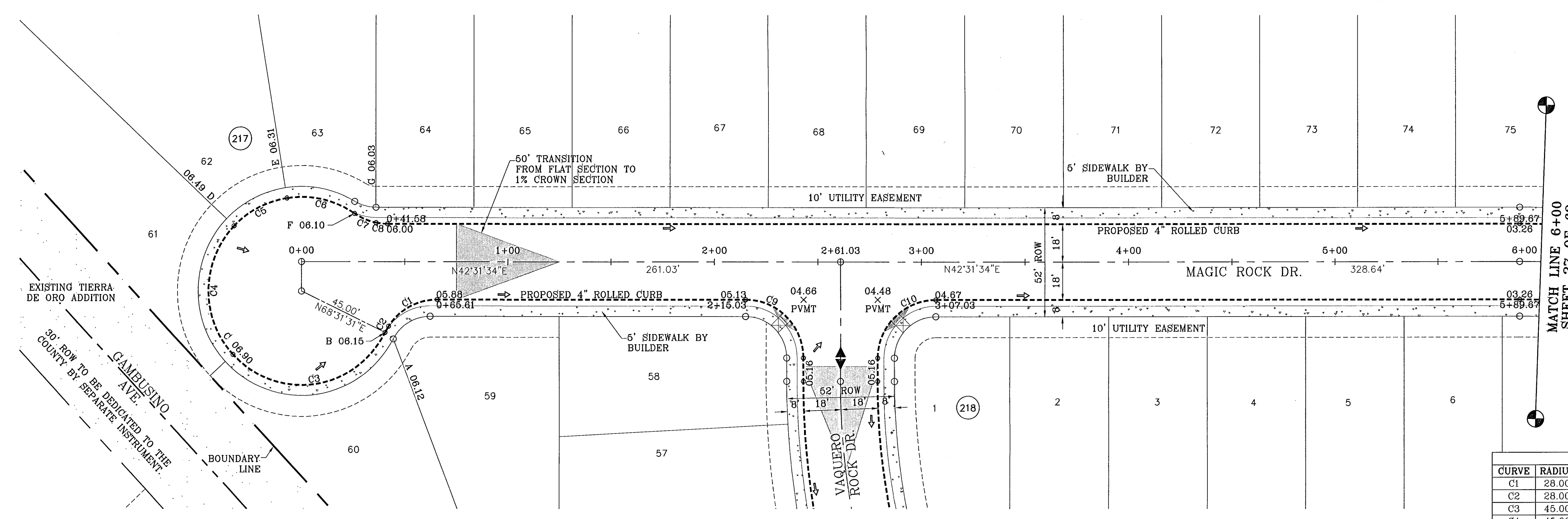
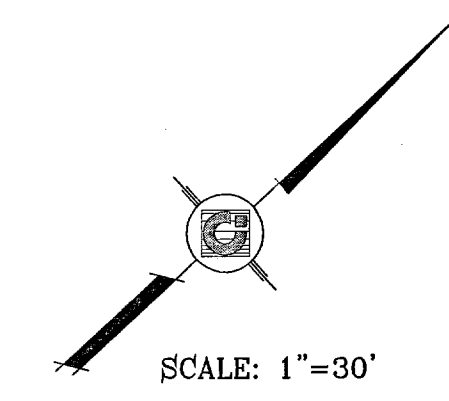
4-30-2008  
S C A E  
I A E  
Vert. 1"=30'  
Date: 2007  
Date: 2007  
Date: 2007  
Date: 2007

**SWLDS INC.**  
Southwest Land Development Services, Inc.  
1790 LEE TREVINO DR. STE 601  
EL PASO, TEXAS 79936

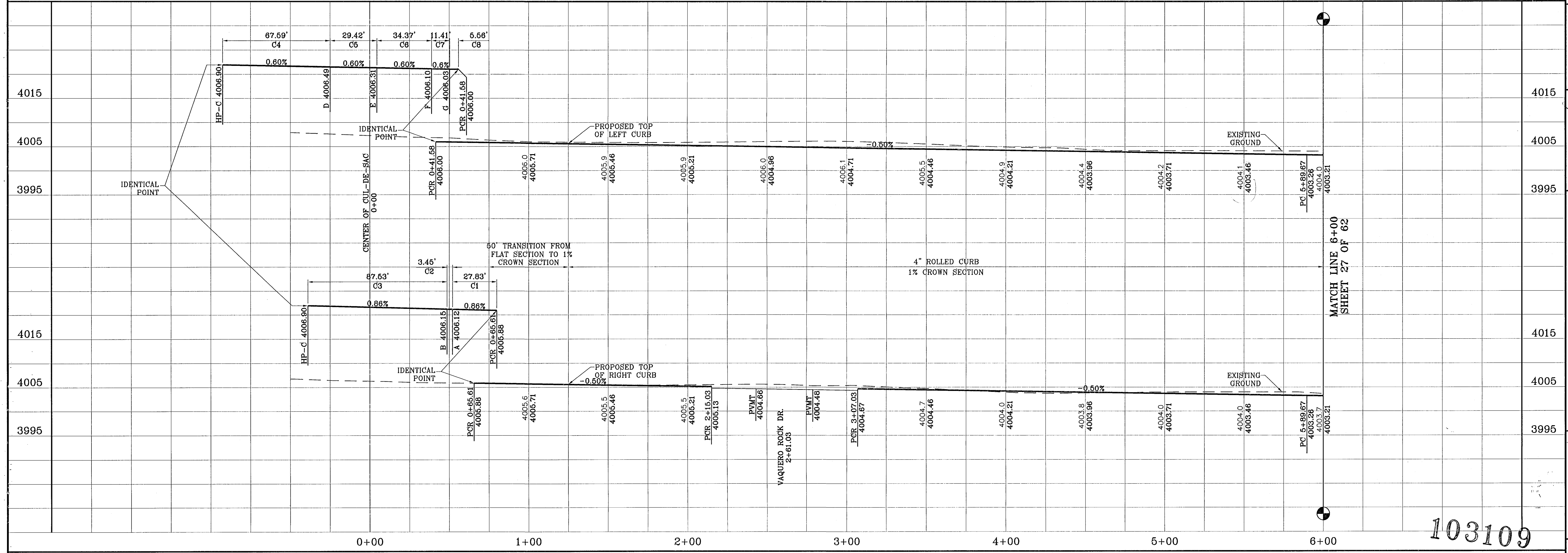
NO.	DATE	REVISIONS

PROJECT NAME: RICH BEEM BLVD. MEDIAN LANDSCAPING AND IRRIGATION

REFERENCES: BENCHMARKS



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	27.83	15.19	26.70	S14°03'13"W	56°56'41"
C2	28.00	3.45	1.73	3.45	S17°58'48"E	7°03'22"
C3	45.00	87.53	68.03	74.37	N34°16'03"E	111°27'04"
C4	45.00	87.59	42.00	61.41	S46°59'51"E	86°03'10"
C5	45.00	29.42	15.26	28.90	S14°45'28"W	37°27'23"
C6	45.00	34.37	18.07	33.54	S65°22'01"W	43°45'49"
C7	28.00	11.41	5.78	11.33	N65°34'42"E	23°20'27"
C8	28.00	5.56	2.79	5.55	N48°13'01"E	11°22'55"
C9	28.00	43.98	28.00	39.60	S87°31'34"W	90°00'00"
C10	28.00	43.98	28.00	39.60	S02°28'26"E	90°00'00"

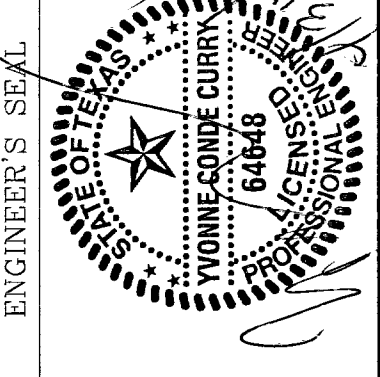


103109

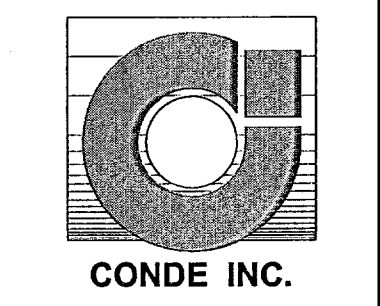
BENCHMARKS  
 NGS MARKER: COPPER-CLAD STEEL ROD  
 DESIGNATED: X 118' PID "CE0141"  
 ELEVATION: 3987.12  
 REVISIONS  
 DATE: 12-08-07  
 CITY: REDLINE AS PER 11-19-07 COMMENTS O.M.

PROJECT NAME  
**TERRA DEL ESTE  
 UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
 CONTAINING 79.561 ACRES

SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'  
 DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INTRATED BY: O.M.  
 CHD. BY: Y.C.  
 JOB NO.: 207-53

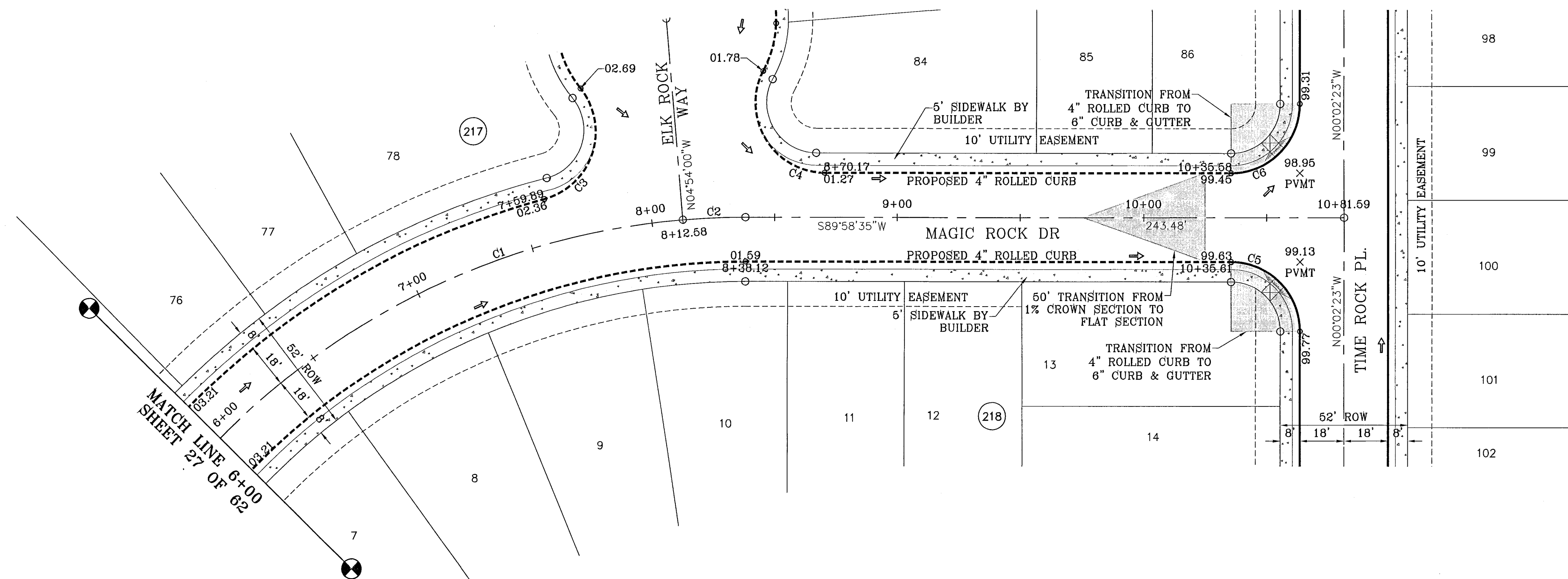


**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1790 LEB TRAVINO DR. STE 400  
 EL PASO, TEXAS 79936



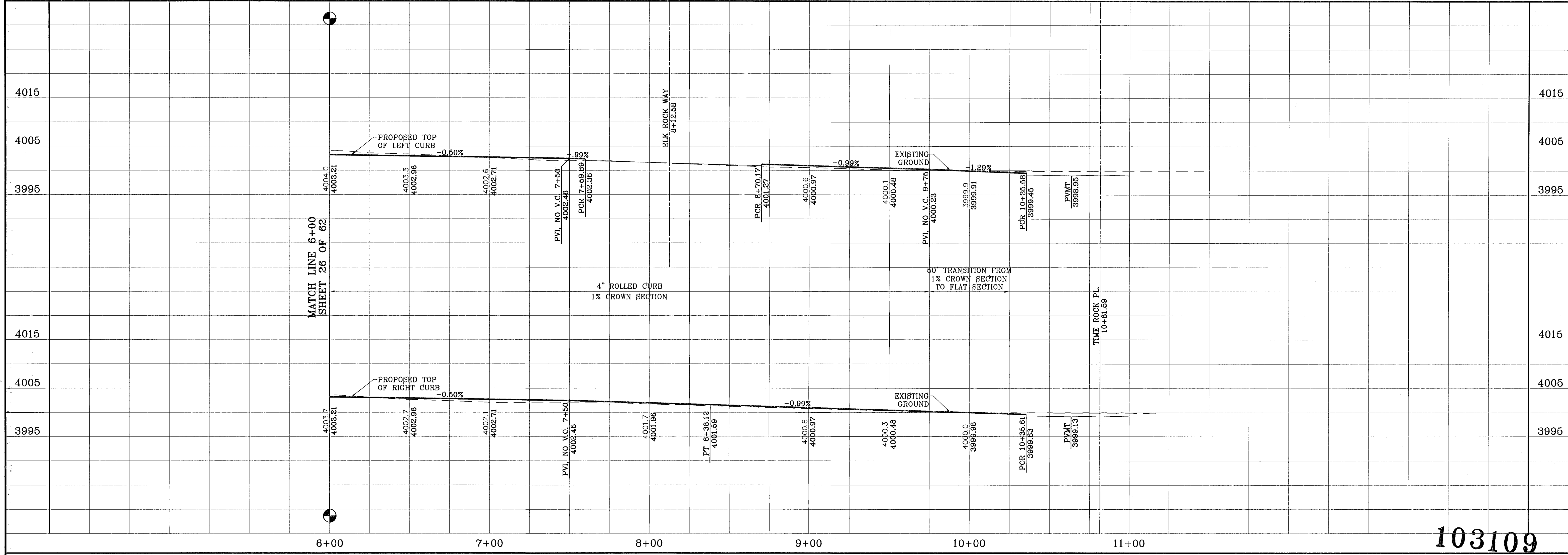
SHEET TITLE  
**MAGIC ROCK PL.**  
 STA: 0+00  
 TO  
 STA: 6+00  
 SHT 26 OF 62





SCALE: 1"=30'

CURVE TABLE					
CURVE	RADIUS	LENGTH TANGENT	CHORD	BEARING	DELTA
C1	300.00	222.92	116.89	S83°48'47"W	42°34'26"
C2	300.00	25.53	12.77	S87°32'17"W	4°52'34"
C3	28.00	65.72	43.13	N18°01'38"E	114°01'05"
C4	28.00	57.64	46.54	S31°03'15"E	117°56'21"
C5	28.00	43.97	27.99	N45°01'54"W	89°59'03"
C6	28.00	43.99	28.01	N44°58'06"E	90°00'57"



BENCHMARKS

NGS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 118" PD "CE041"  
ELEVATION: 3987.12

REVISIONS

DATE: 04-28-08  
BY: [Signature]  
CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

PROJECT NAME  
**TERRA DEL ESTE  
UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.551 ACRES.

SCALE  
Horiz: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53

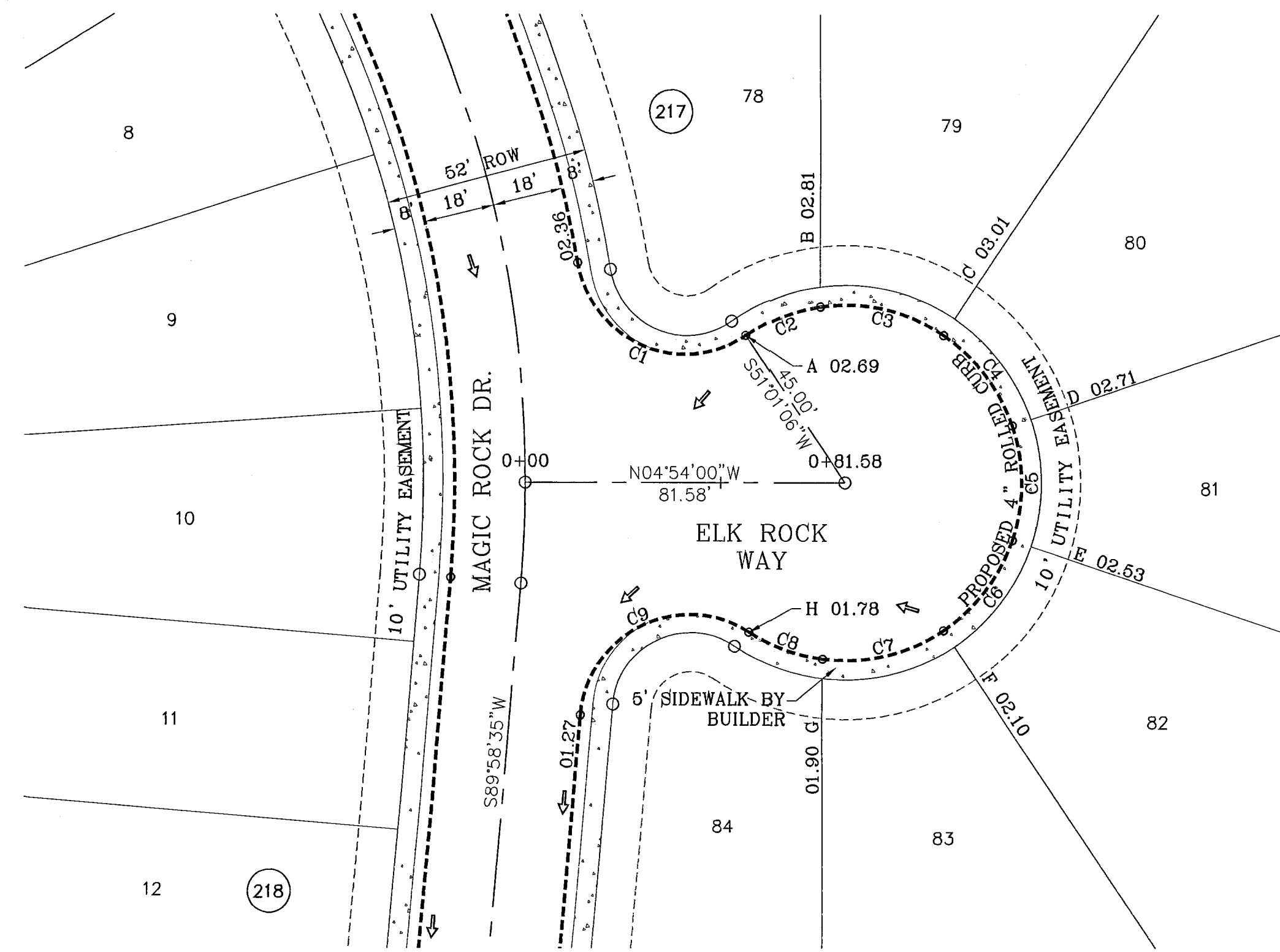
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS

1790 LEE TREVINO DR. STE 400  
EL PASO, TEXAS 79936

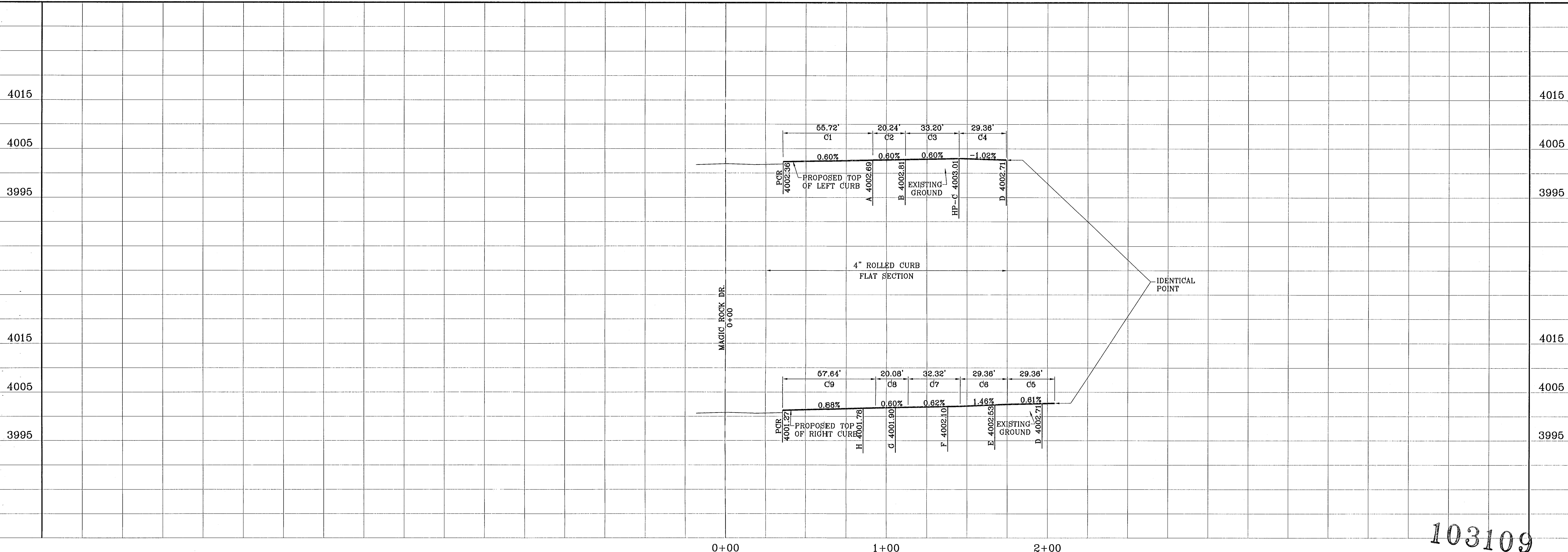
SHEET TITLE  
**MAGIC ROCK PL.**  
STA: 6+00  
TO  
STA: 10+81.59

103109  
TERRA DEL ESTE UNIT FIFTY SIX

SHT 27 OF 62



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	55.72	43.13	48.97	N18°01'38"E	114°01'05"
C2	45.00	20.24	10.30	20.07	S26°05'40"E	25°46'30"
C3	45.00	33.20	17.40	32.45	S07°55'48"W	42°16'26"
C4	45.00	29.36	15.22	28.84	S47°45'23"W	37°22'43"
C5	45.00	29.36	15.22	28.84	S85°08'06"W	37°22'43"
C6	45.00	29.36	15.22	28.84	N57°29'11"W	37°22'43"
C7	45.00	32.32	16.89	31.63	N18°13'22"W	41°08'55"
C8	45.00	20.08	10.21	19.91	N15°08'01"E	25°33'50"
C9	28.00	57.64	46.54	47.99	S31°03'15"E	117°56'21"



BENCHMARKS

NGS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 118" PID "CD041"  
ELEVATION: 3987.12

DATE	BY	REVISIONS

PROJECT NAME  
**TERRA DEL ESTE UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES

SCALE  
Horiz: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
CHECKED BY: Y.C.  
JOB NO.: 207-53

ENGINEER'S SEAL  
YVONNE CONDE CURRY  
66448  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF TEXAS

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

1790 LBE TREVINO DR. STE 400  
EL PASO, TEXAS 79936

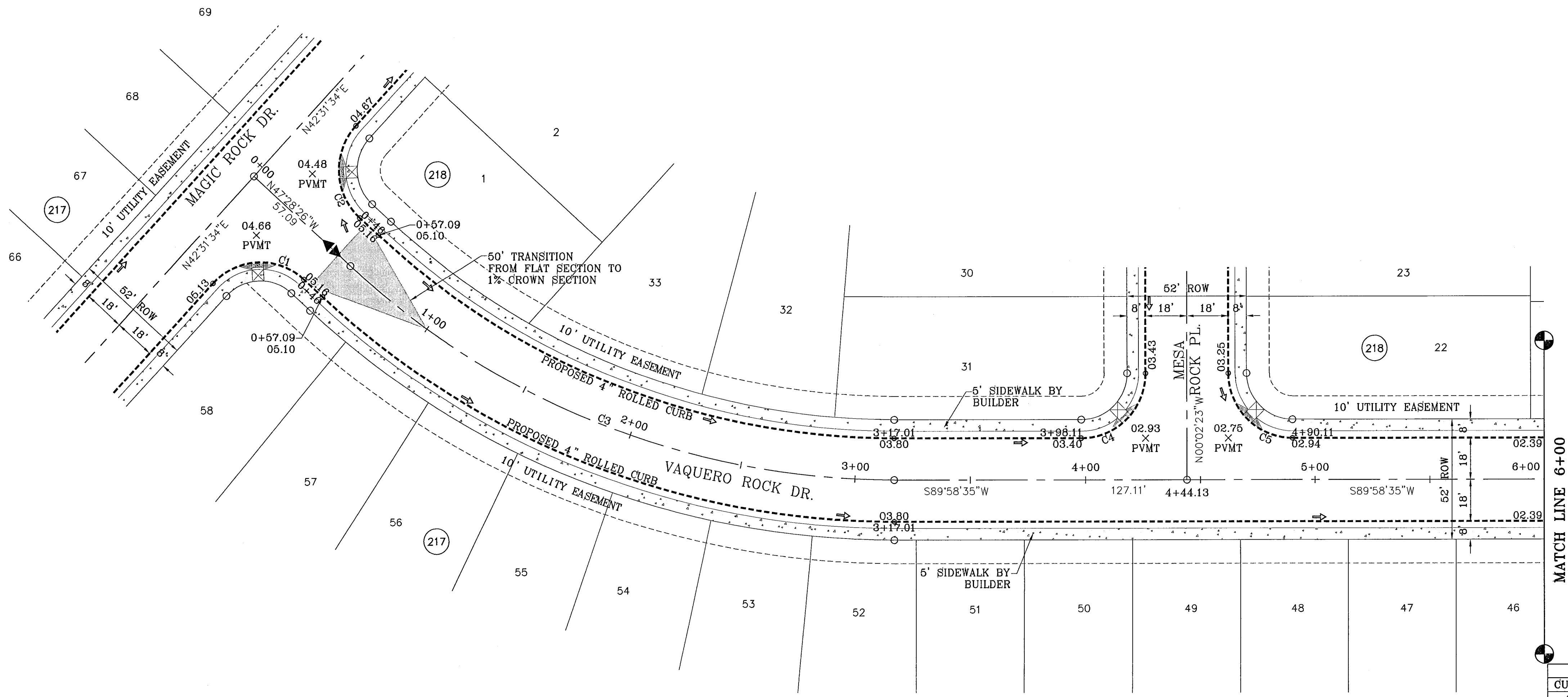
CONDE INC.

SHEET TITLE  
**STREET PLAN-PROFILE**

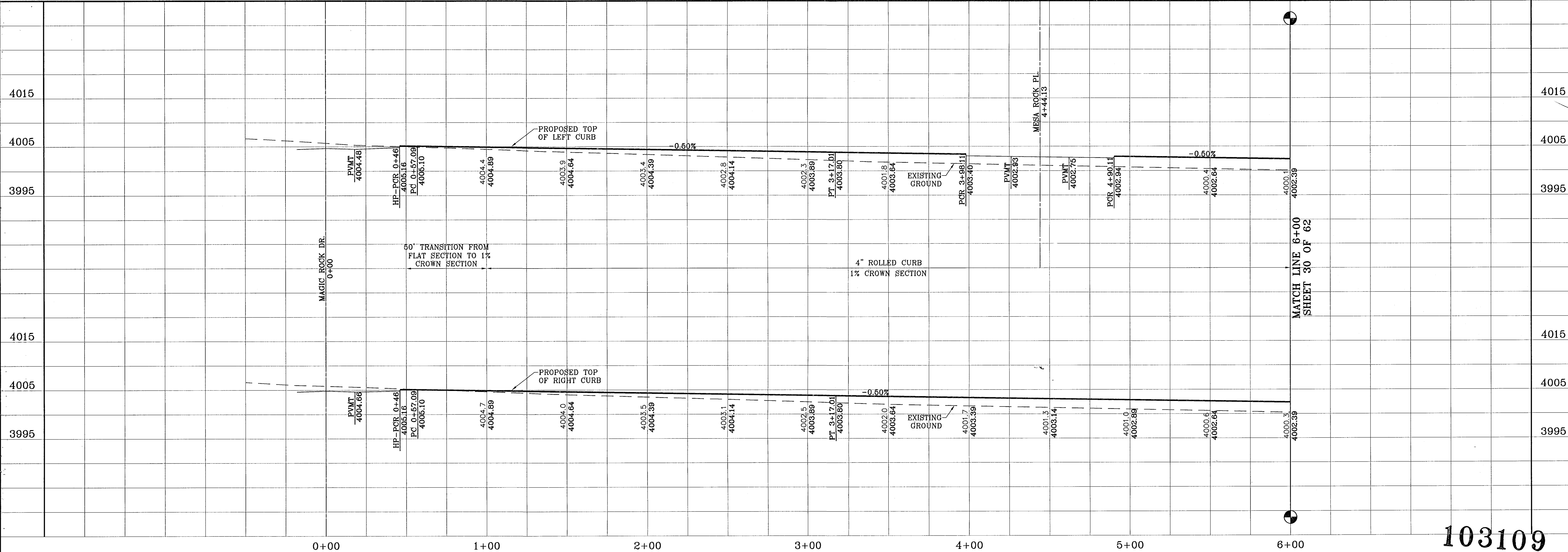
**ELK ROCK WAY**

103109

SHT 28 OF 62



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.98	28.00	39.60	S87°31'34"W	90°00'00"
C2	28.00	43.98	28.00	39.60	S02°28'26"E	90°00'00"
C3	350.00	259.92	136.28	253.99	S68°44'56"E	42°32'59"
C4	28.00	43.99	28.01	39.60	N44°58'06"E	90°00'57"
C5	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"



103109  
TIERRA DEL ESTE UNIT FIFTY SIX

DATE	REVISIONS	BY

PROJECT NAME  
**TIERRA DEL ESTE UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 14 N, RANGE 10 E, COUNTY PASO, TEXAS, CONTAINING 78.561 ACRES.

SCALE  
Horizontal: 1"=30'  
Vertical: 1"=10'

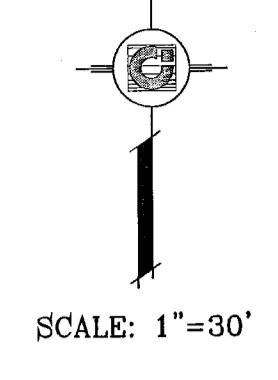
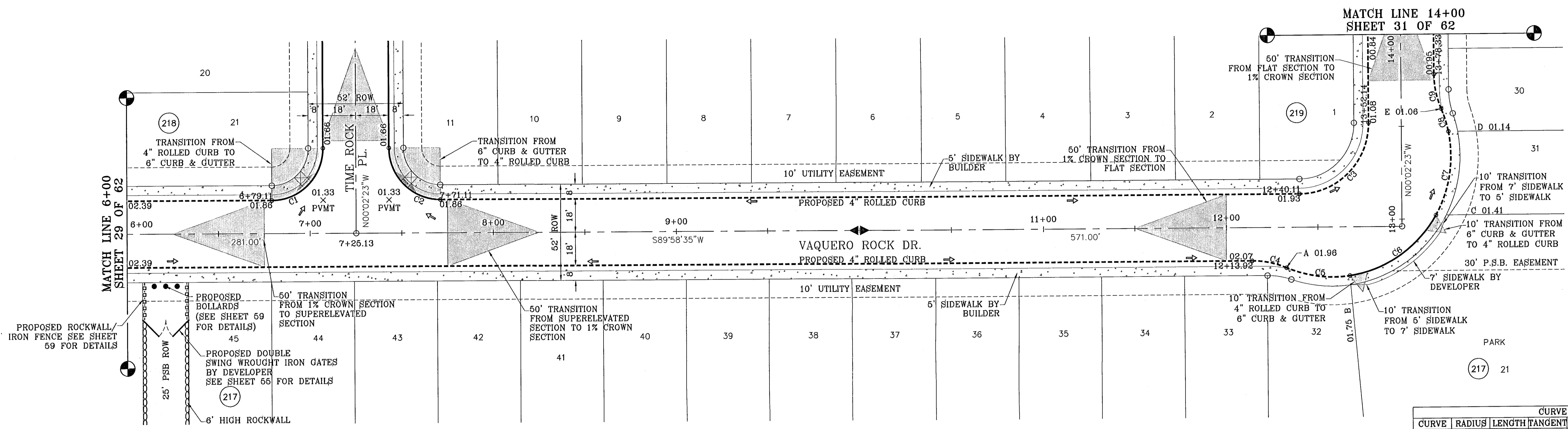
DATE, MAY 2007  
DESIGN BY, Y.C.  
INITIATED BY, O.M.  
CHKD. BY, Y.C.  
JOB NO.: 207-53

ENGINEER'S SEAL

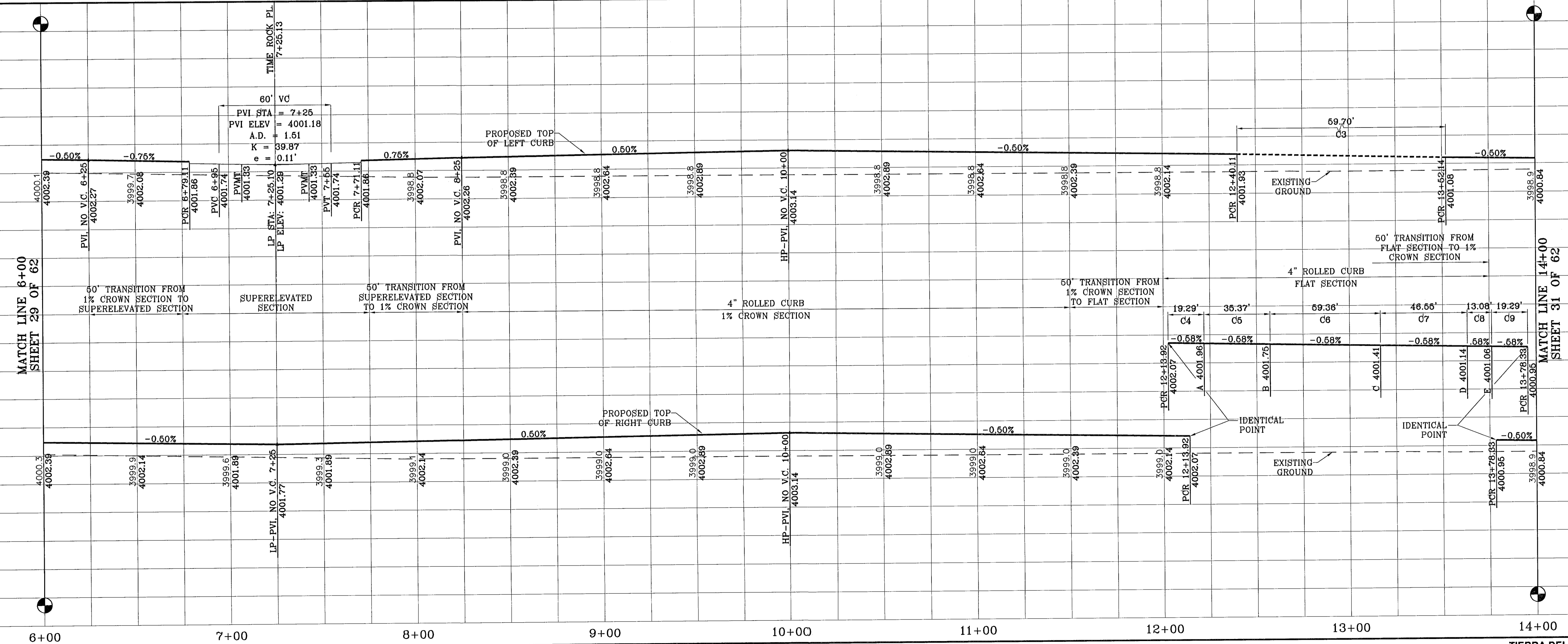
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1790 LEBB TREVINO DR. STE. 400  
EL PASO, TEXAS 79936

SHEET TITLE  
**STREET PLAN - PROFILE**  
**Vaquero Rock Dr.**  
STA: 0+00  
TO  
STA: 6+00

SHT 29 OF 62



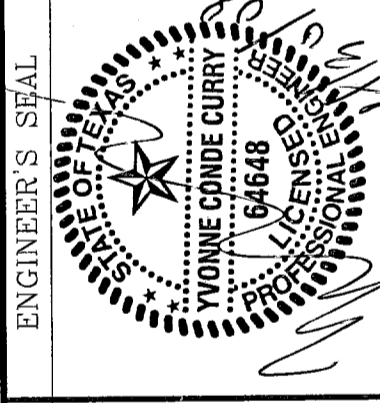
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.99	28.01	39.60	N44°58'06"E	90°00'57"
C2	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"
C3	38.00	59.70	36.01	53.75	N44°58'06"E	90°00'57"
C4	48.00	19.29	9.78	19.16	N78°30'46"W	23°01'20"
C5	65.00	35.37	18.13	34.93	S82°35'19"E	31°10'27"
C6	65.00	59.36	31.93	57.32	N55°39'44"E	52°19'26"
C7	65.00	46.55	24.32	45.56	N08°58'59"E	41°02'05"
C8	65.00	13.08	6.56	13.06	N17°17'53"W	11°31'39"
C9	48.00	19.29	9.78	19.16	S11°33'03"E	23°01'20"



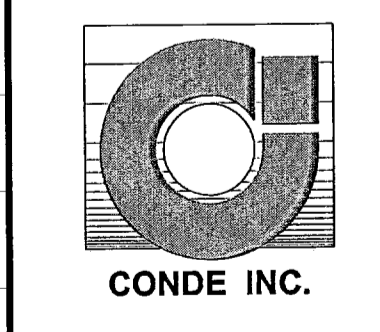
BENCHMARKS  
 NGS MARKER: COPPER-CLAD STEEL ROD  
 DESIGNATED: X 118' PID "C0041"  
 ELEVATION: 5967.12

PROJECT NAME  
**TIERRA DEL ESTE  
 UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79,  
 TOWNSHIP 14N, RANGE 10E, COUNTY OF PASO COUNTY,  
 TEXAS, CONTAINING 79.561 ACRES.

SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'  
 DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INFLATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-53

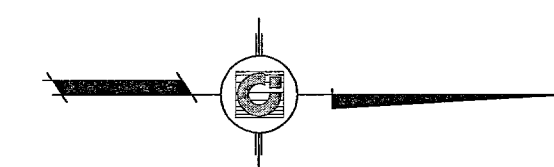


**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1790 LEBE FRESHWATER DRIVE, STE 400  
 EL PASO, TEXAS 79906

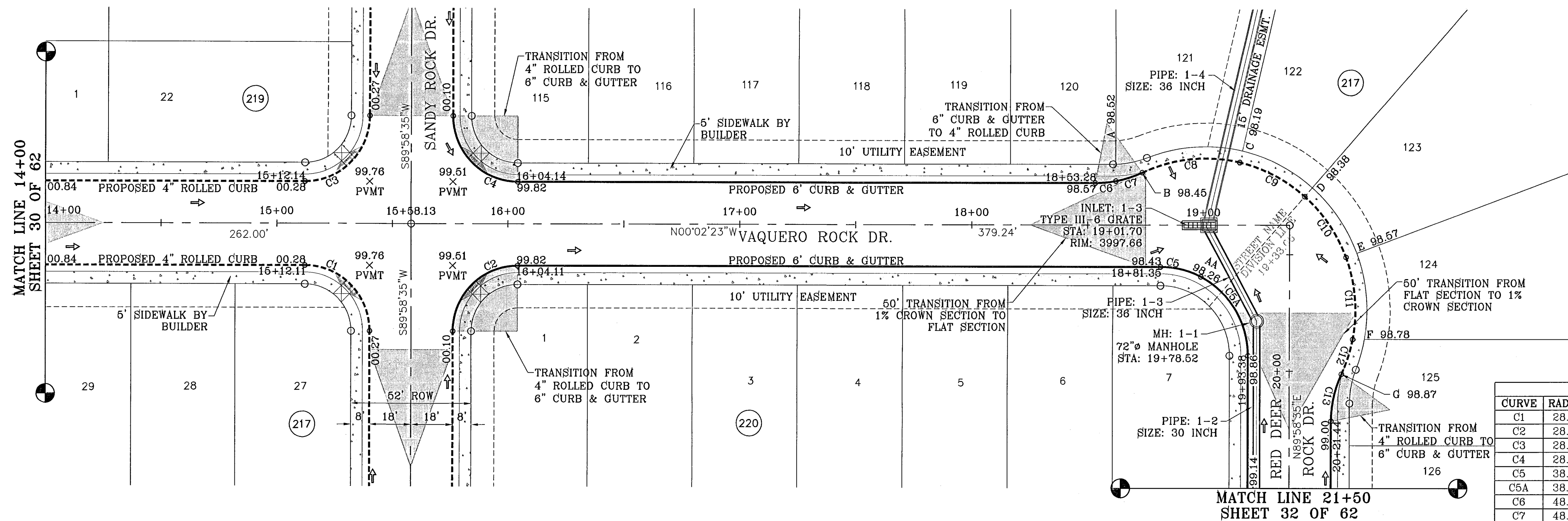


SHEET TITLE  
**STREET  
 PLAN-PROFILE**  
**Vaquero Rock Dr.**  
 STA: 6+00  
 TO  
 STA: 14+00

103109

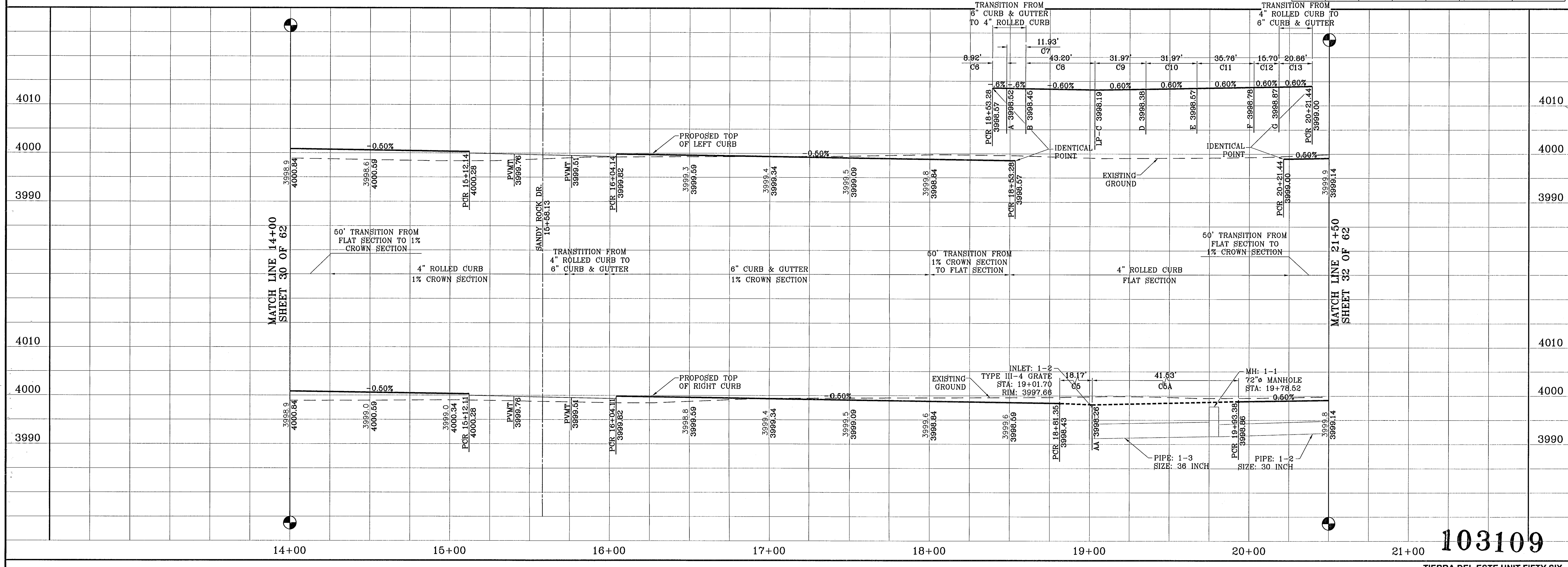


SCALE: 1"=30'



SEE SHEET 53 OF 62 FOR DRAINAGE STRUCTURE #1

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.99	28.01	39.60	S44°58'06"W	90°00'57"
C2	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"
C3	28.00	43.97	27.99	39.59	N45°01'54"W	89°59'03"
C4	28.00	43.99	28.01	39.60	N44°58'06"E	90°00'57"
C5	38.00	18.17	9.26	18.00	S13°39'38"W	27°24'02"
C5A	38.00	41.53	23.11	39.49	S58°40'07"W	62°36'56"
C6	48.00	8.92	4.47	8.91	N05°21'53"W	10°39'00"
C7	48.00	11.93	6.00	11.90	N17°48'44"W	14°14'42"
C8	65.00	43.20	22.43	42.41	S05°53'41"E	38°04'48"
C9	65.00	31.97	16.32	31.65	S27°14'13"W	28°11'00"
C10	65.00	31.97	16.32	31.65	S55°25'13"W	28°11'00"
C11	65.00	35.76	18.34	35.31	S85°16'14"W	31°31'03"
C12	65.00	15.70	7.89	15.67	N72°02'59"W	13°50'31"
C13	48.00	20.86	10.60	20.69	S77°34'34"E	24°53'43"



103109

TERRIA DEL ESTE UNIT FIFTY SIX

BENCHMARKS  
 NGS MARKER: COPPER-CLAD STEEL ROD  
 DESIGNATED: X 1118' PID "CE014"  
 ELEVATION: 3997.12

REVISIONS  
 DATE: 07-07-07 CITY REDLINES  
 02-09-08 FOND AND CUT-FD-SAC REVISIONS O.M.  
 04-23-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

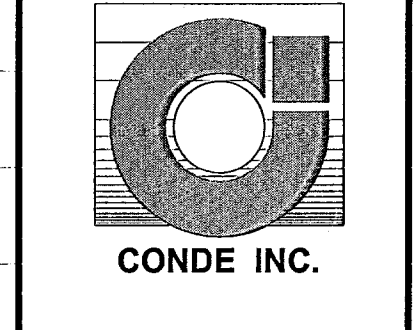
PROJECT NAME  
**TERRIA DEL ESTE  
 UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
 CONTAINING 78.561 ACRES

SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'

DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-53

ENGINEER'S SEAL



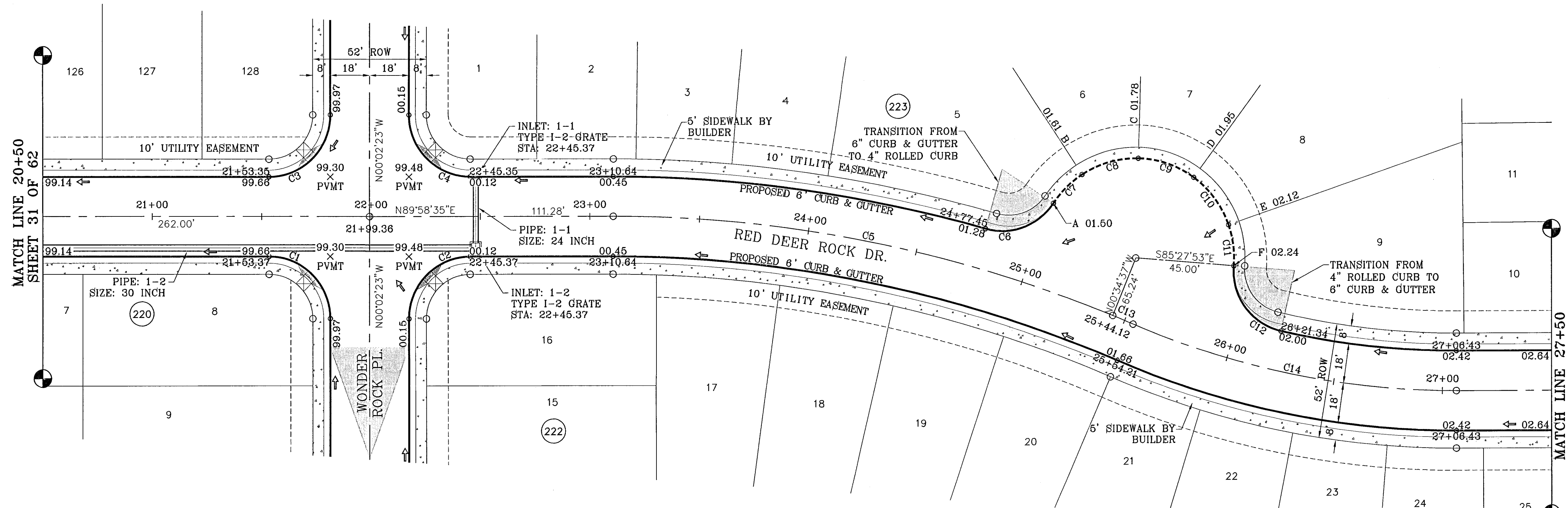
CONDE INC.  
 ENGINEERING / PLANNING  
 SURVEYING / GPS

1790 LEE TRIVINO DR. STE 400  
 EL PASO, TEXAS 79936

SHEET TITLE  
**STREET  
 PLAN-PROFILE**

**Vaquero Rock Dr.**  
 STA: 14+00  
 TO  
 STA: 20+50

SHT 31 OF 62

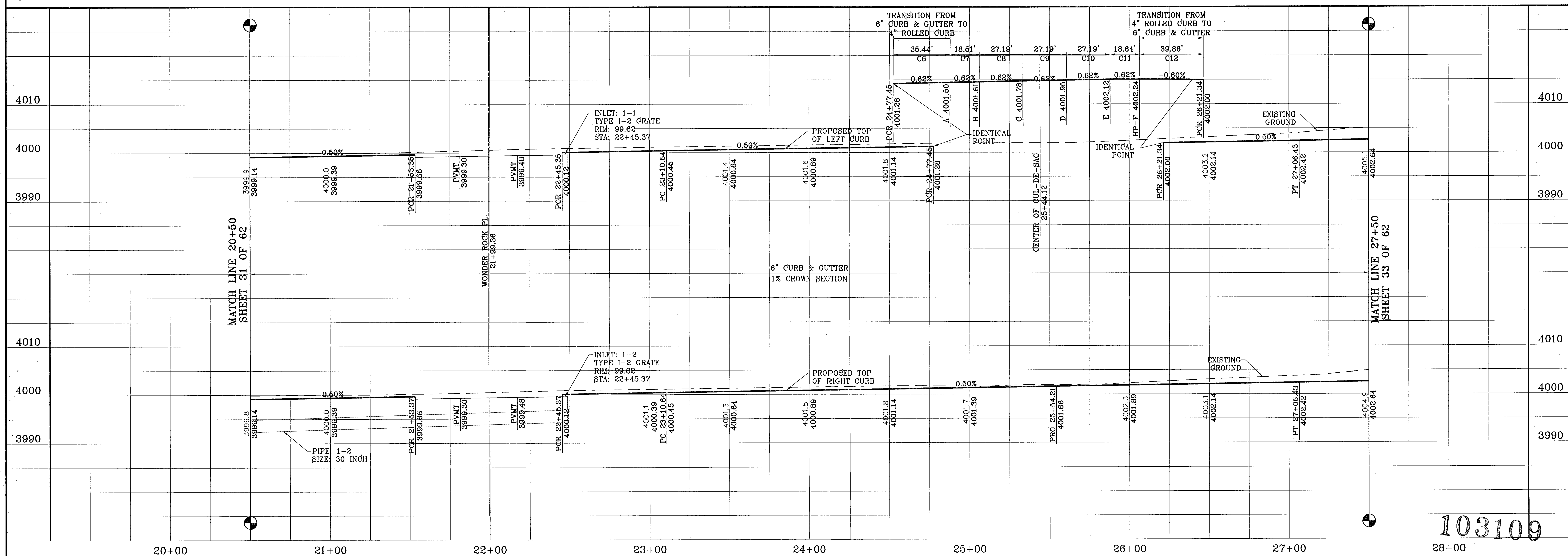


SCALE: 1"=30'

SEE SHEET 53 OF 62 FOR DRAINAGE STRUCTURE #1

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.97	27.99	39.59	N45°01'54"W	89°59'03"
C2	28.00	43.99	28.01	39.60	S44°58'06"W	90°00'57"
C3	28.00	43.99	28.01	39.60	N44°58'06"E	90°00'57"
C4	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"
C5	600.00	233.47	118.23	232.00	N78°52'35"W	22°17'42"
C6	28.00	35.44	20.54	33.12	N69°38'45"E	72°31'06"
C7	45.00	18.51	9.39	18.38	S45°10'03"W	23°33'42"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C8	45.00	27.19	14.02	26.78	S74°15'26"W	34°37'03"
C9	45.00	27.19	14.02	26.78	N71°07'31"W	34°37'03"
C10	45.00	27.19	14.02	26.78	N36°30'28"W	34°37'03"
C11	45.00	18.64	9.46	18.51	N07°19'55"W	23°44'03"
C12	28.00	39.86	24.15	36.58	S36°14'38"E	81°33'29"
C13	600.00	10.09	5.05	10.09	N67°14'49"W	0°37'49"
C14	375.00	152.23	77.18	151.18	S78°23'40"E	23°15'31"



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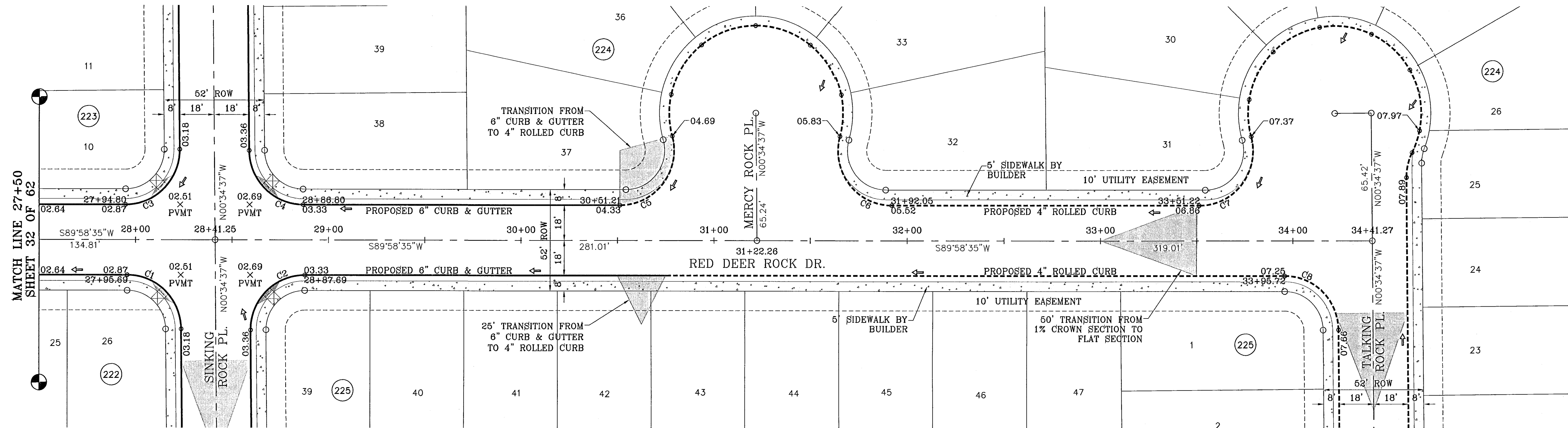
BENCHMARKS  
 NGS MARKER COPPER-CLAD STEEL ROD  
 DESIGNATED WITH 1116 50041  
 ELECT. TO TOP 897.12  
 DATE REVISIONS  
 12-06-07 CITY REDLINES AS PER 11-19-07 COMMENTS O.M.  
 04-23-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

PROJECT NAME  
**TERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
 CONTAINING 79.551 ACRES

SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'  
 DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-63

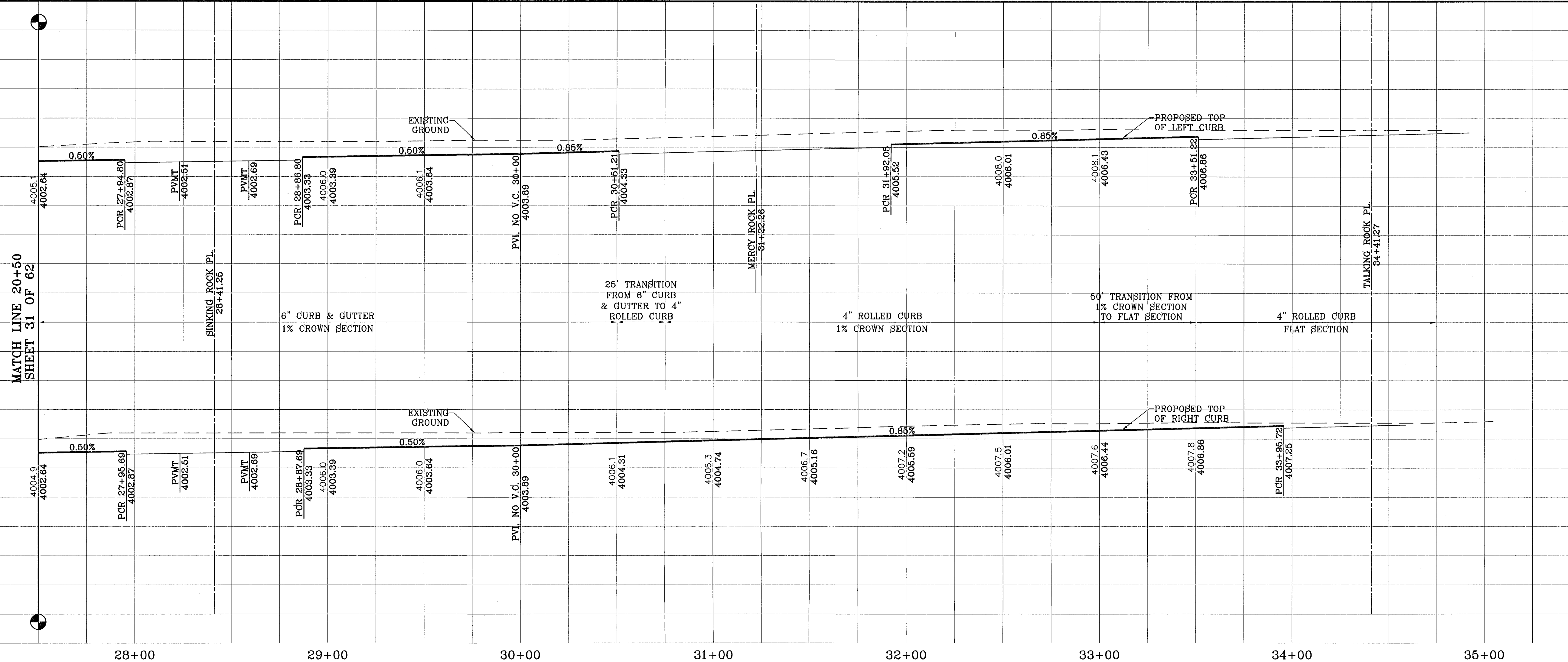
ENGINEER'S SEAL  
  
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1790 LEE TREVIÑO DR. STE 400  
 EL PASO, TEXAS 79936

SHEET TITLE  
**STREET  
 PLAN-PROFILE**  
**RED DEER ROCK DR.**  
 STA. 20+50  
 TO  
 STA. 27+50  
 SHT 32 OF 62



SCALE: 1"=30'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.71	27.73	39.41	N45°18'01"W	89°28'48"
C2	28.00	44.25	28.27	39.79	S44°41'59"W	90°33'12"
C3	28.00	44.25	28.27	39.79	N44°41'59"E	90°33'12"
C4	28.00	43.71	27.73	39.41	S45°18'01"E	89°28'48"
C5	28.00	51.45	36.67	44.51	N37°20'14"E	105°16'41"
C6	28.00	51.45	36.67	44.51	S37°23'05"E	105°16'41"
C7	28.00	51.45	36.67	44.51	N37°20'14"E	105°16'41"
C8	28.00	43.71	27.73	39.41	N45°18'01"W	89°28'48"



103109

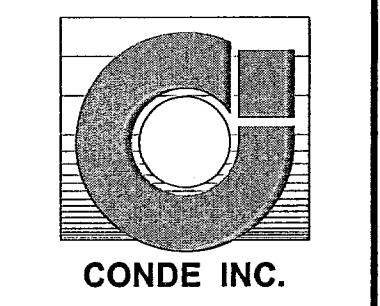
DATE	REVISIONS	BY

**TIERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.561 ACRES.

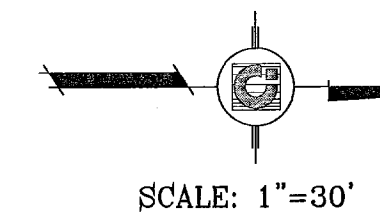
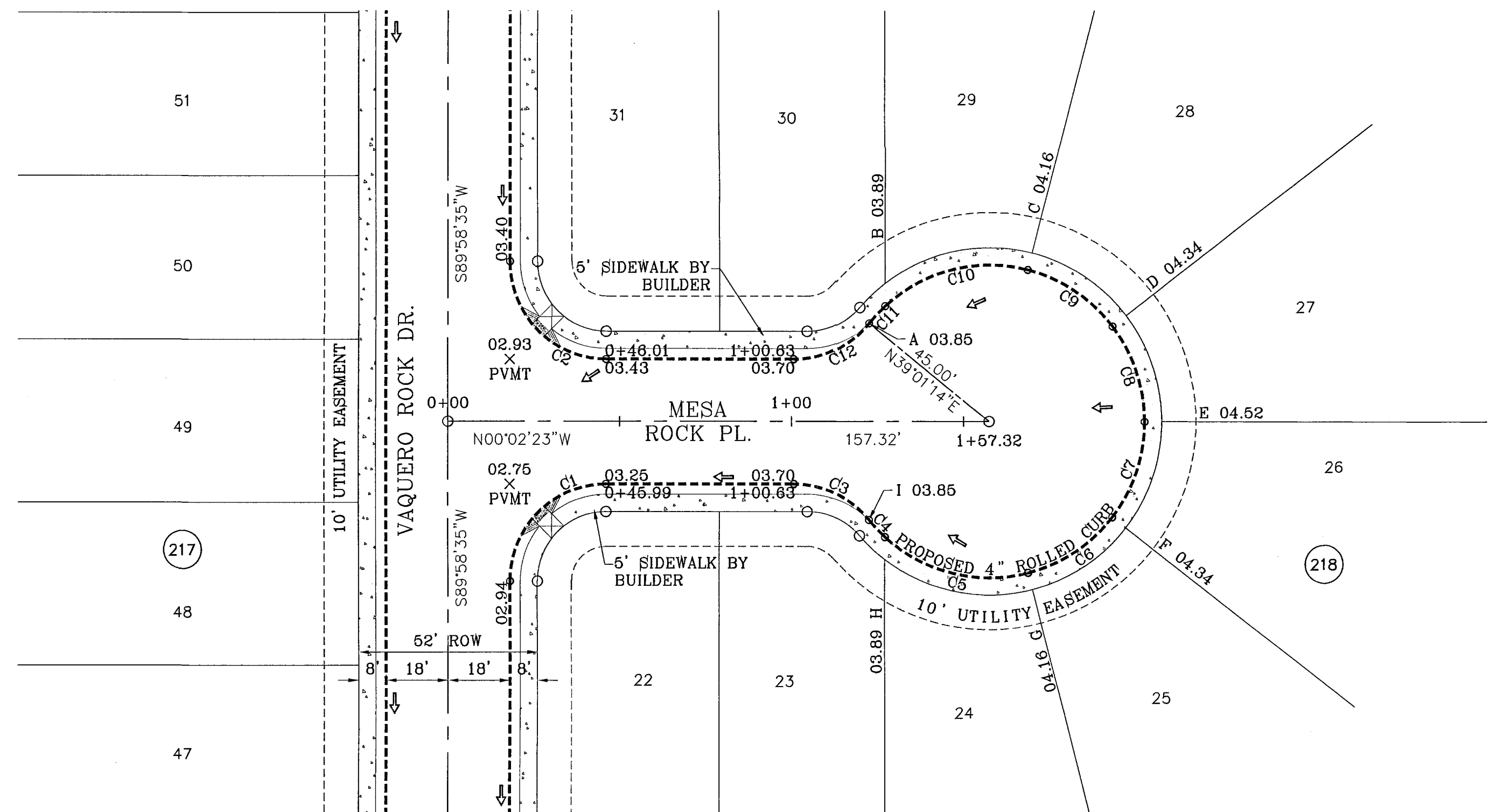
**SCALE**  
 Horiz: 1"=30'  
 Vert: 1"=10'

DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INTRATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-63

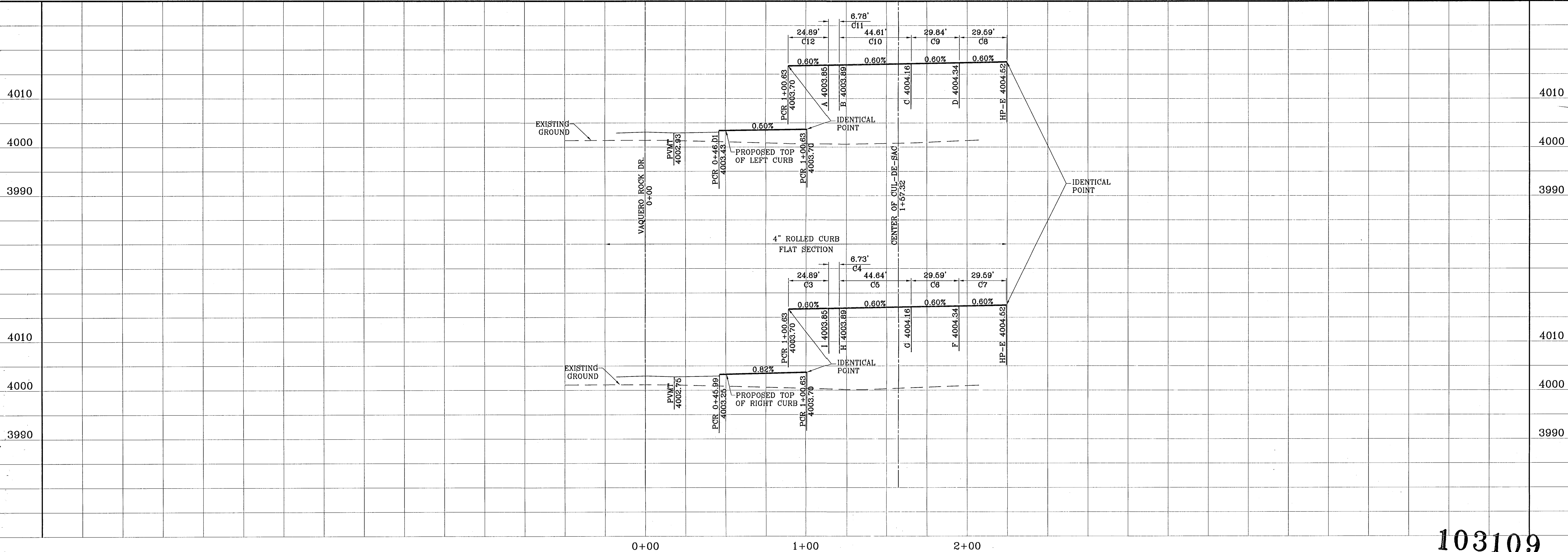
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1790 LEBE TREVINO DR. STE 400  
 EL PASO, TEXAS 79936



**SHEET TITLE**  
 STREET  
 PLAN-PROFILE  
**RED DEER ROCK DR.**  
 STA: 27+50  
 TO  
 STA: 34+41.27



CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C1	28.00	43.97	27.99	39.59	S45°01'54"E 89°59'03"
C2	28.00	43.99	28.01	39.60	N44°58'06"E 90°00'57"
C3	28.00	24.89	13.34	24.08	S25°25'49"W 50°56'23"
C4	45.00	6.73	3.37	6.72	N46°37'02"E 8°33'56"
C5	45.00	44.64	24.35	42.83	N13°54'55"E 56°50'18"
C6	45.00	29.59	15.35	29.06	N33°20'39"W 37°40'49"
C7	45.00	29.59	15.35	29.06	N71°01'28"W 37°40'49"
C8	45.00	29.59	15.35	29.06	S71°17'43"W 37°40'49"
C9	45.00	29.84	15.49	29.30	S33°27'24"W 37°59'49"
C10	45.00	44.61	24.33	42.81	S13°56'33"E 56°48'05"
C11	45.00	6.78	3.40	6.78	S46°39'41"E 8°38'10"
C12	28.00	24.89	13.34	24.08	N25°30'34"W 50°56'23"



BENCHMARKS

NGS MARKER: COPPER-CLAD STEEL ROD  
 DESIGNATED: X 1118" PID "CE041"  
 ELEVATION: 3887.12

DATE	REVISIONS

PROJECT NAME  
**TERRA DEL ESTE UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
 CONTAINING 79.551 ACRES

SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'

DATE: MAY 2007  
 DESIGN BY: J.C.  
 INITIATED BY: O.M.  
 CHKD. BY: J.C.  
 JOB NO.: 207-53

ENGINEER'S SEAL

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

1790 LEEB FREVINO DR. STE 400  
 EL PASO, TEXAS 79936

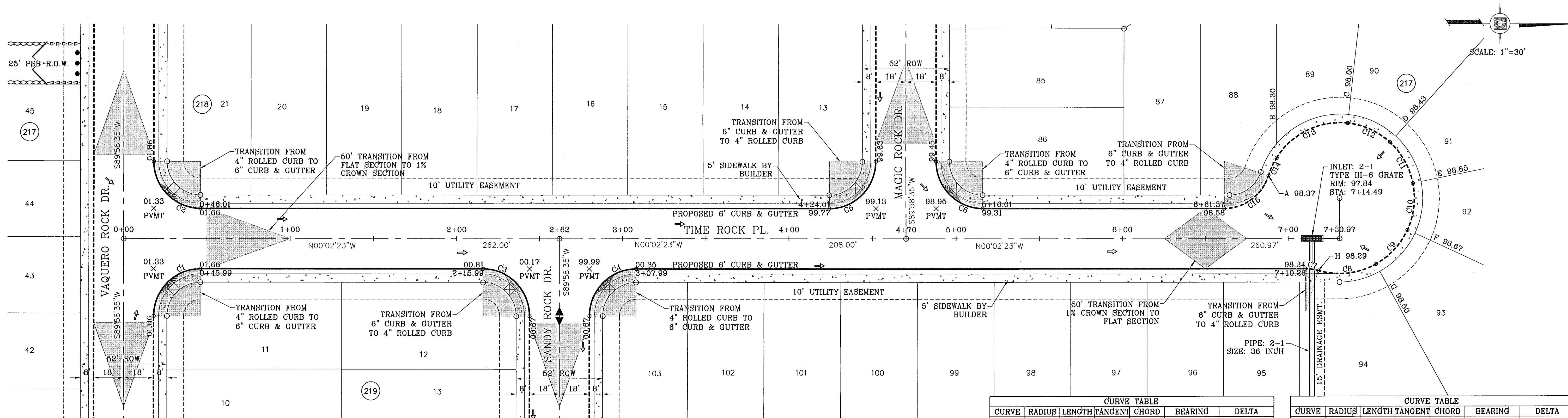
SHEET TITLE  
**STREET  
 PLAN-PROFILE**

**MESA ROCK PL.**

103109  
 TERRA DEL ESTE UNIT FIFTY SIX

SHT 34 OF 62



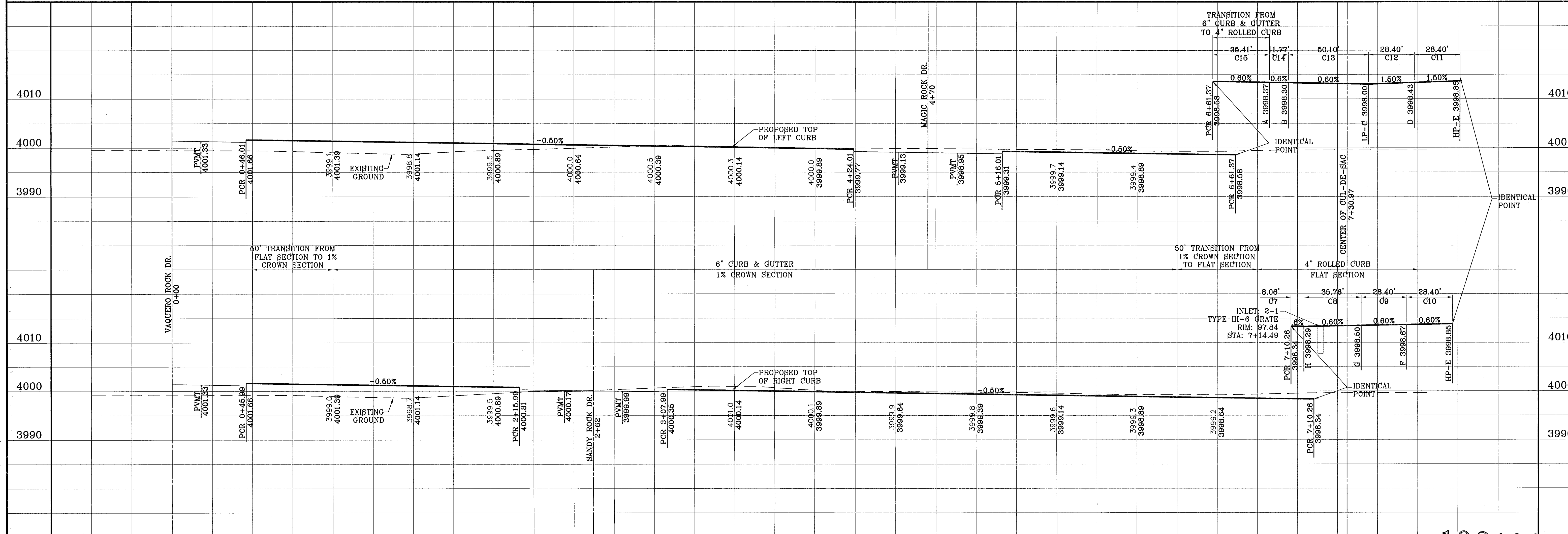


SCALE: 1"=30'

SEE SHEET 54 OF 62 FOR DRAINAGE STRUCTURE #3

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"
C2	28.00	43.99	28.01	39.60	N44°58'06"W	90°00'57"
C3	28.00	43.99	28.01	39.60	S44°58'06"W	90°00'57"
C4	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"
C5	28.00	43.97	27.99	39.59	N45°01'54"W	89°59'03"
C6	28.00	43.99	28.01	39.60	N44°58'06"E	90°00'57"
C7	28.00	8.06	4.06	8.03	S08°12'07"W	16°28'59"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C8	45.00	35.76	18.89	34.83	N06°19'25"W	45°32'01"
C9	45.00	28.40	14.69	27.93	N47°10'05"W	36°09'21"
C10	45.00	28.40	14.69	27.93	N83°19'26"W	36°09'21"
C11	45.00	28.40	14.69	27.93	S60°31'14"W	36°09'21"
C12	45.00	28.40	14.69	27.93	S24°21'53"W	36°09'21"
C13	45.00	50.10	28.01	47.56	S25°36'38"E	63°47'43"
C14	45.00	11.77	5.92	11.74	S65°00'14"E	14°59'30"
C15	28.00	35.41	20.52	33.10	N36°16'11"W	72°27'36"



BENCHMARKS  
 NGS MARKER: COPPER-CLAD STEEL ROD  
 DESIGNATED: X 1118' PID "CE0141"  
 ELEVATION: 3987.72

REVISES  
 DATE: 07-07 CITY REDLINES AS PER 11-19-07 COMMENTS BY  
 04-23-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

PROJECT NAME  
**TERRA DEL ESTE  
 UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46 AND 47 BLOCK 79  
 TOWNSHIP 2 TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
 CONTAINING 79.561 ACRES

SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'

DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INTRATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-63

ENGINEER'S SEAL

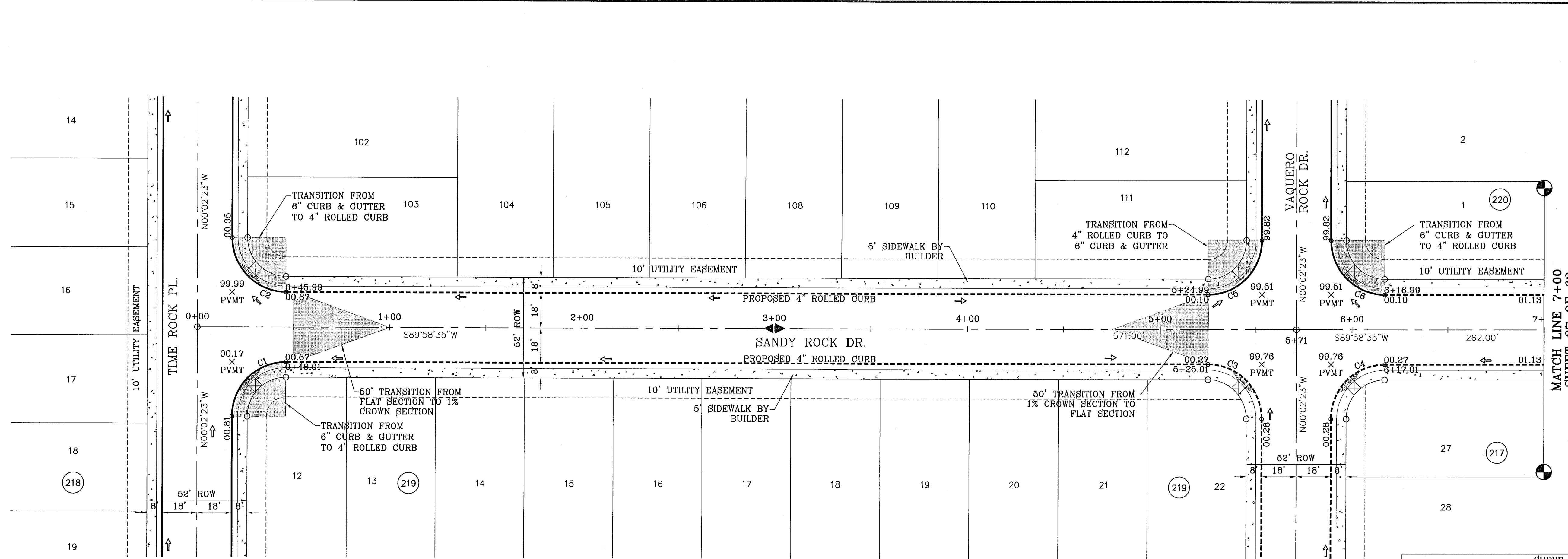
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1790 LEE TREVINO DR. STE 400  
 EL PASO, TEXAS 79936

SHEET TITLE  
**STREET  
 PLAN-PROFILE**

**TIME ROCK PL.**

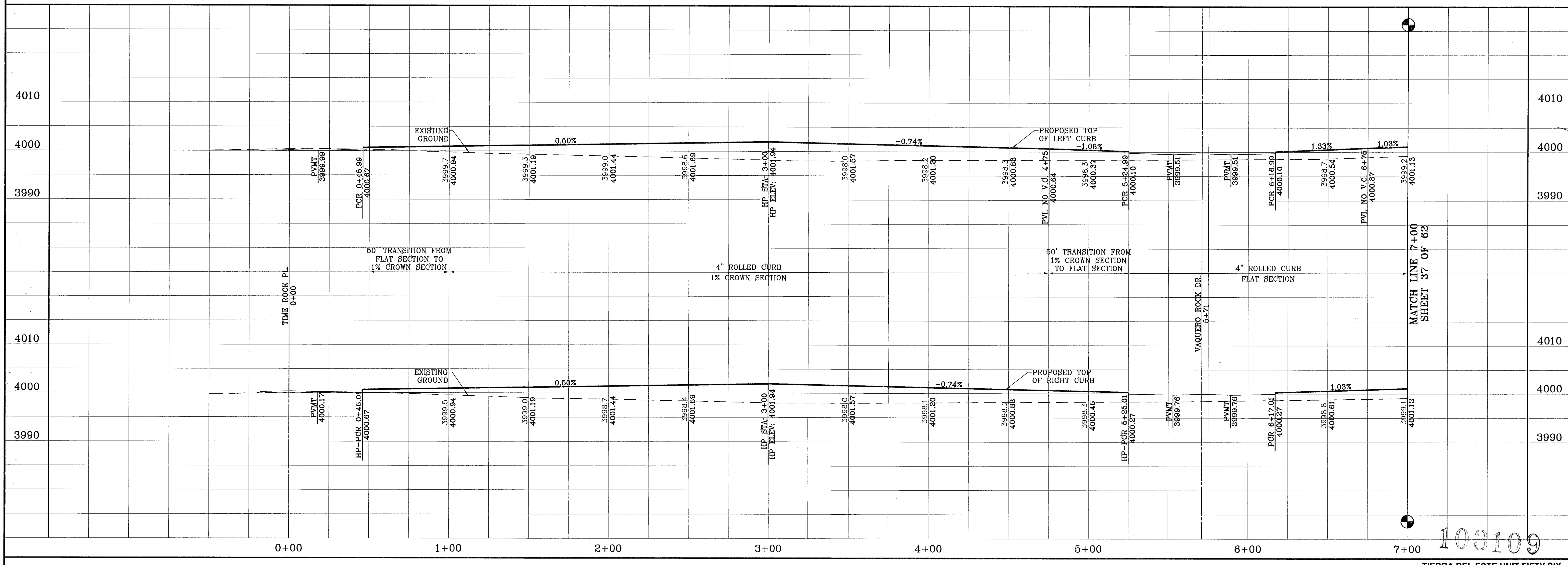
103109  
 TERRA DEL ESTE UNIT FIFTY SIX

SHT 35 OF 62



SCALE: 1"=30'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.99	28.01	39.60	S44°58'06"W	90°00'57"
C2	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"
C3	28.00	43.97	27.99	39.59	N45°01'54"W	89°59'03"
C4	28.00	43.99	28.01	39.60	S44°58'06"W	90°00'57"
C5	28.00	43.99	28.01	39.60	N44°58'06"E	90°00'57"
C6	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"



103109

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

**TERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
 CONTAINING 79.551 ACRES

**PROJECT NAME**  
 TERRA DEL ESTE UNIT FIFTY SIX

**SCALE**  
 Horiz: 1"=30'  
 Vert: 1"=10'

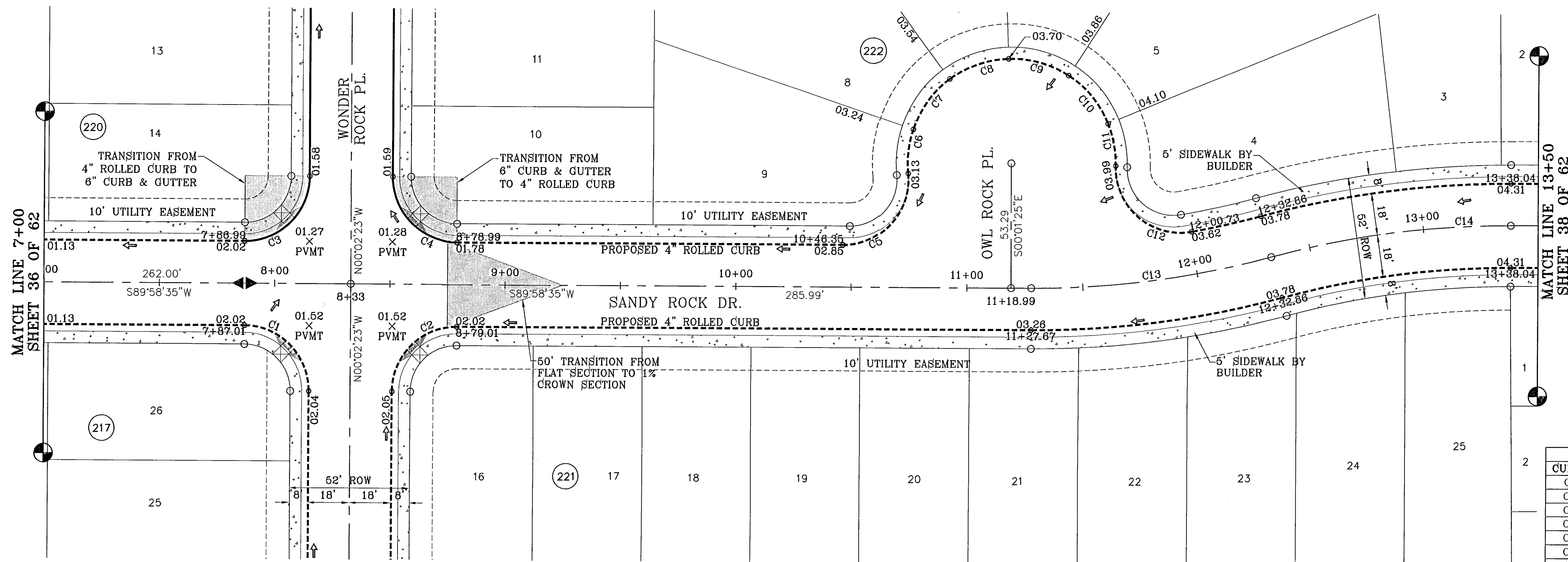
**DATE** MAY 2007  
**DESIGN BY** Y.C.  
**INITIATED BY** O.M.  
**CHKD. BY** Y.C.  
**JOB NO.** 207-53

**BENCHMARKS**  
 NGS MARKER: COPPER-CLAD STEEL ROD  
 DESIGNATED: X 1118" PID "CE914"  
 ELEVATION: 7,987.12

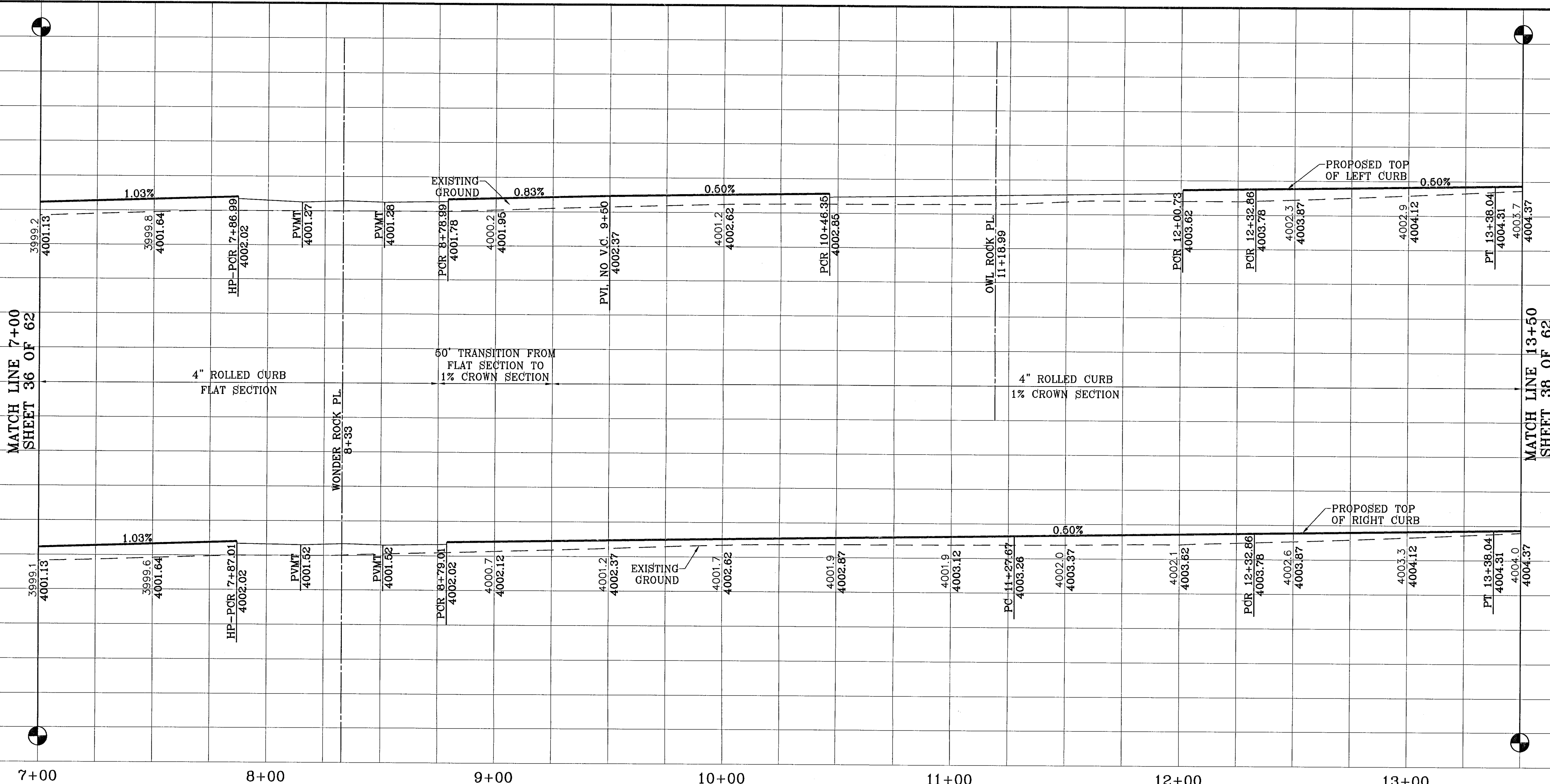
**DATE** 02-06-08  
**BY** Y.C.  
**REVISIONS** O.M.  
 04-23-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

**SHEET TITLE**  
 STREET  
 PLAN-PROFILE  
**SANDY ROCK DR.**  
 STA: 0+00  
 TO  
 STA: 7+00

**SHT 36 OF 62**



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.97	27.99	39.59	N45°01'54"W	89°59'03"
C2	28.00	43.99	28.01	39.60	S44°58'06"W	90°00'57"
C3	28.00	43.99	28.01	39.60	N44°58'06"E	90°00'57"
C4	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"
C5	28.00	46.78	30.95	41.53	N42°06'42"E	95°43'45"
C6	45.00	19.10	9.70	18.96	S06°24'25"W	24°19'11"
C7	45.00	27.30	14.08	26.88	S35°56'47"W	34°45'34"
C8	45.00	27.30	14.08	26.88	S70°42'21"W	34°45'34"
C9	45.00	27.30	14.08	26.88	N74°32'05"W	34°45'34"
C10	45.00	27.30	14.08	26.88	N39°48'31"W	34°45'34"
C11	45.00	18.43	9.35	18.30	N10°39'38"W	23°28'11"
C12	28.00	49.63	34.31	43.39	S49°42'26"E	101°33'47"
C13	400.00	105.18	52.90	104.88	N82°26'35"E	15°03'59"
C14	400.00	105.18	52.90	104.88	S82°26'35"W	15°03'59"



SCALE: 1"=30'

REVISIONS	
DATE	BY
02-08-08	REVISIONS
04-25-08	REVISIONS
BOND AND CUL-DE-SAC REVISIONS	
O.M.	
04-25-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.	

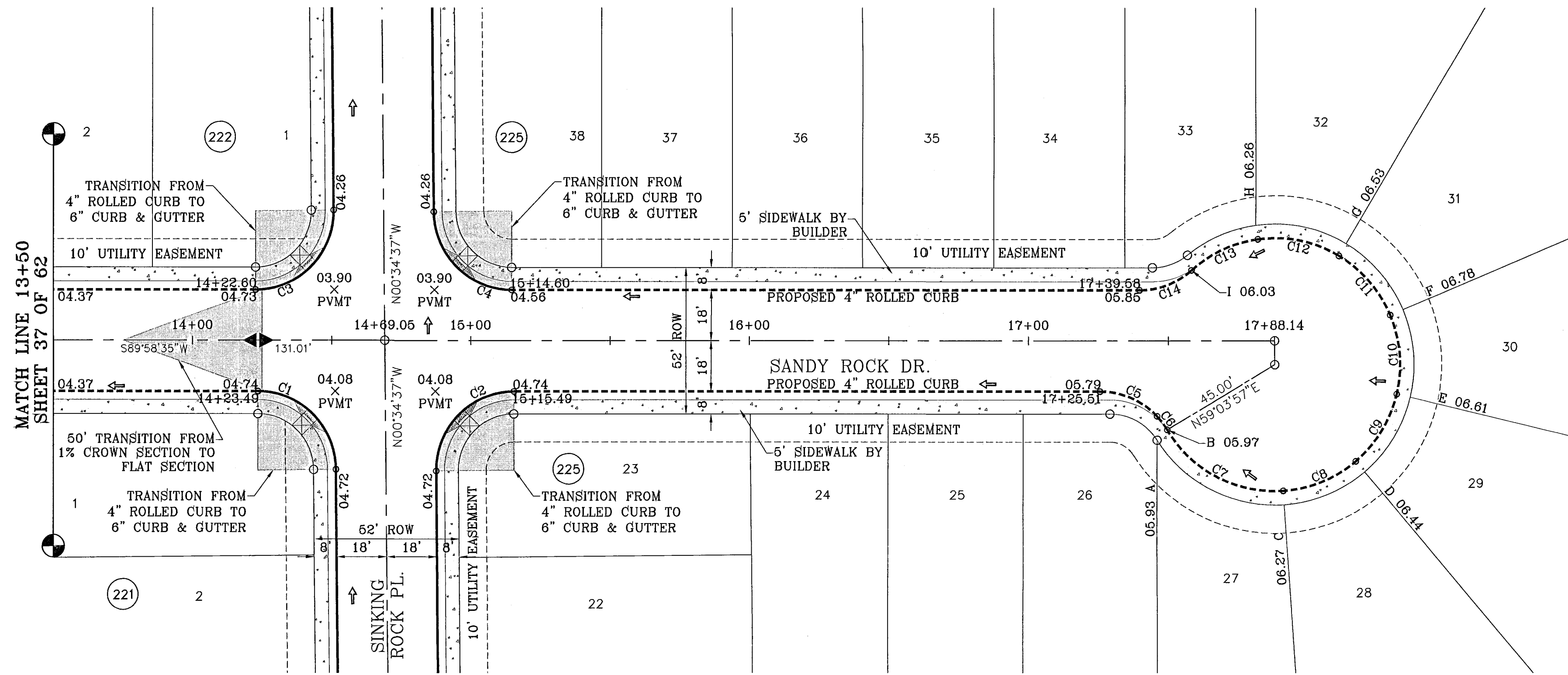
**TIERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 48 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES.

**ENGINEER'S SEAL**  
 YVONNE CANDE CURRY  
 9664  
 1790 LEE TREVINO DR., STE. 400  
 EL PASO, TEXAS 79936  
 DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-58

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

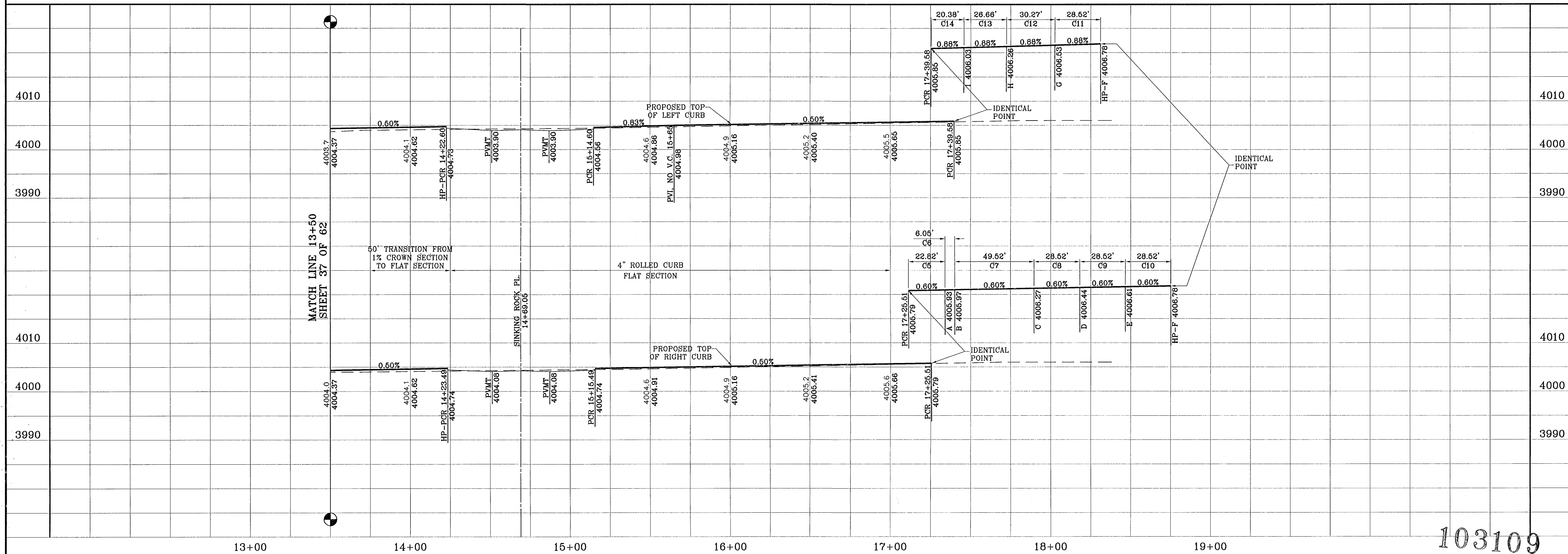
SHEET TITLE  
**STREET**  
**PLAN-PROFILE**  
**SANDY ROCK DR.**  
 STA: 7+00  
 TO  
 STA: 13+50

103109



SCALE: 1"=30'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.71	27.73	39.41	N45°18'01"W	89°26'48"
C2	28.00	44.25	28.27	39.79	S44°41'59"W	90°33'12"
C3	28.00	44.25	28.27	39.79	N44°41'59"E	90°33'12"
C4	28.00	43.71	27.73	39.41	S45°18'01"E	89°26'48"
C5	28.00	22.82	12.09	22.20	N66°40'17"W	46°42'16"
C6	28.00	6.05	3.04	6.04	N37°07'36"W	12°23'06"
C7	45.00	49.52	27.61	47.06	S62°27'40"E	63°03'14"
C8	45.00	28.52	14.76	28.05	N67°51'16"E	36°18'53"
C9	45.00	28.52	14.76	28.05	N31°32'23"E	36°18'53"
C10	45.00	28.52	14.76	28.05	N04°46'30"W	36°18'53"
C11	45.00	28.52	14.76	28.05	N41°05'23"W	36°18'53"
C12	45.00	30.27	15.73	29.70	N78°31'05"W	38°32'30"
C13	45.00	26.66	13.73	26.27	S65°14'27"W	33°56'25"
C14	28.00	20.38	10.67	19.93	N69°07'25"E	41°42'19"



103109  
TIERRA DEL ESTE UNIT FIFTY SIX

**PROJECT NAME**  
TIERRA DEL ESTE UNIT FIFTY SIX

**SCALE**  
Horizontal: 1"=30'  
Vertical: 1"=10'

**DATE**  
MAY 2007

**DESIGN BY**  
Y.C.

**INTEGRATED BY**  
O.M.

**CHKD. BY**  
Y.C.

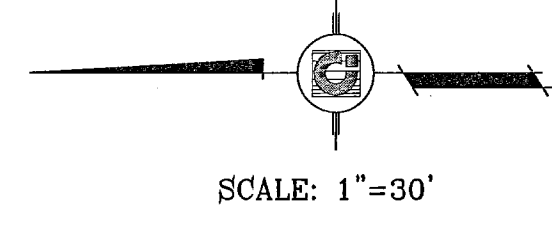
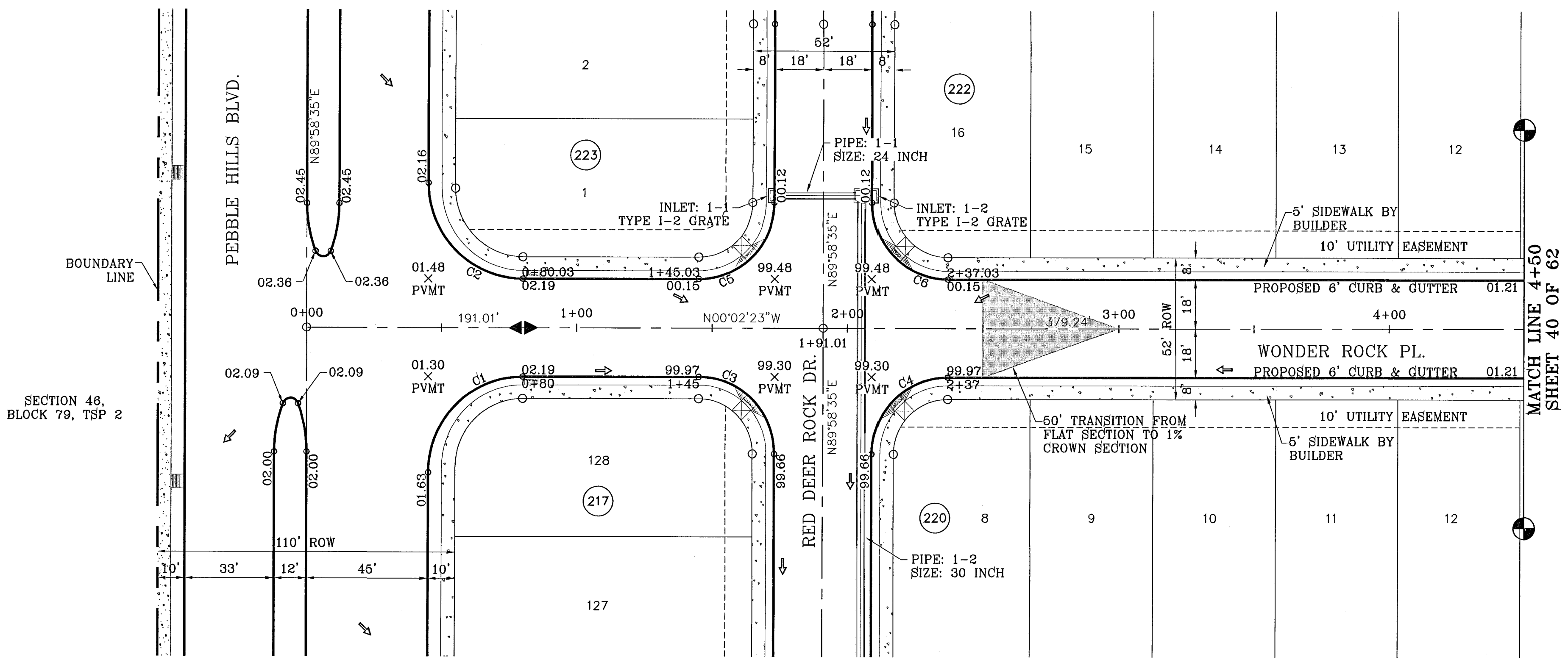
**JOB NO.**  
207-53

**ENGINEER'S SEAL**  
Professional Engineer Seal for Y.C. (103109)

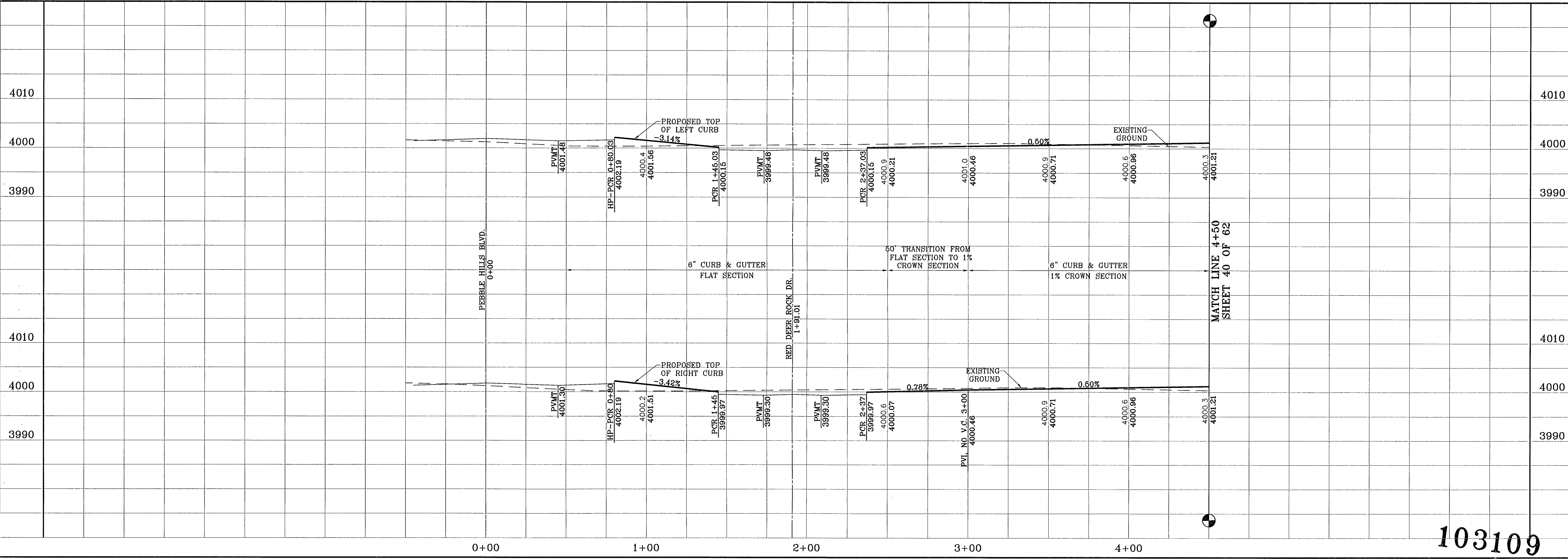
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1790 LEE TREVINO DR. STE 400  
EL PASO, TEXAS 79936

**SHEET TITLE**  
STREET  
PLAN-PROFILE  
SANDY ROCK DR.  
STA: 13+50  
TO  
STA: 17+88.14

**SHT 38 OF 62**



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	35.00	54.97	34.99	49.49	N45°01'54"W	89°59'03"
C2	35.00	54.99	35.01	49.50	S44°58'06"W	90°00'57"
C3	28.00	43.99	28.01	39.60	N44°58'06"E	90°00'57"
C4	28.00	43.97	27.99	39.59	N45°01'54"W	89°59'03"
C5	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"
C6	28.00	43.99	28.01	39.60	S44°58'06"W	90°00'57"



PROJECT NAME  
**TERRA DEL ESTE UNIT FIFTY SIX**

REVISIONS  
12-06-07 CITY REDLINES AS PER 11-19-07 COMMENTS O.M.  
04-23-08 CITY REDLINES AS PER 04-16-08 COMMENTS O.M.

BENCHMARKS  
NCS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 1118' PID "CE0141"  
ELEVATION: 3987.12

DATE: 04-23-08  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 78  
TOWNSHIP 2, TARRANT COUNTY, TEXAS  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 78.651 ACRES

SCALE  
Horic: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53

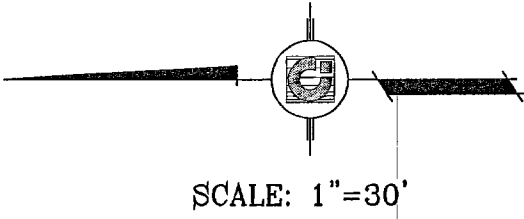
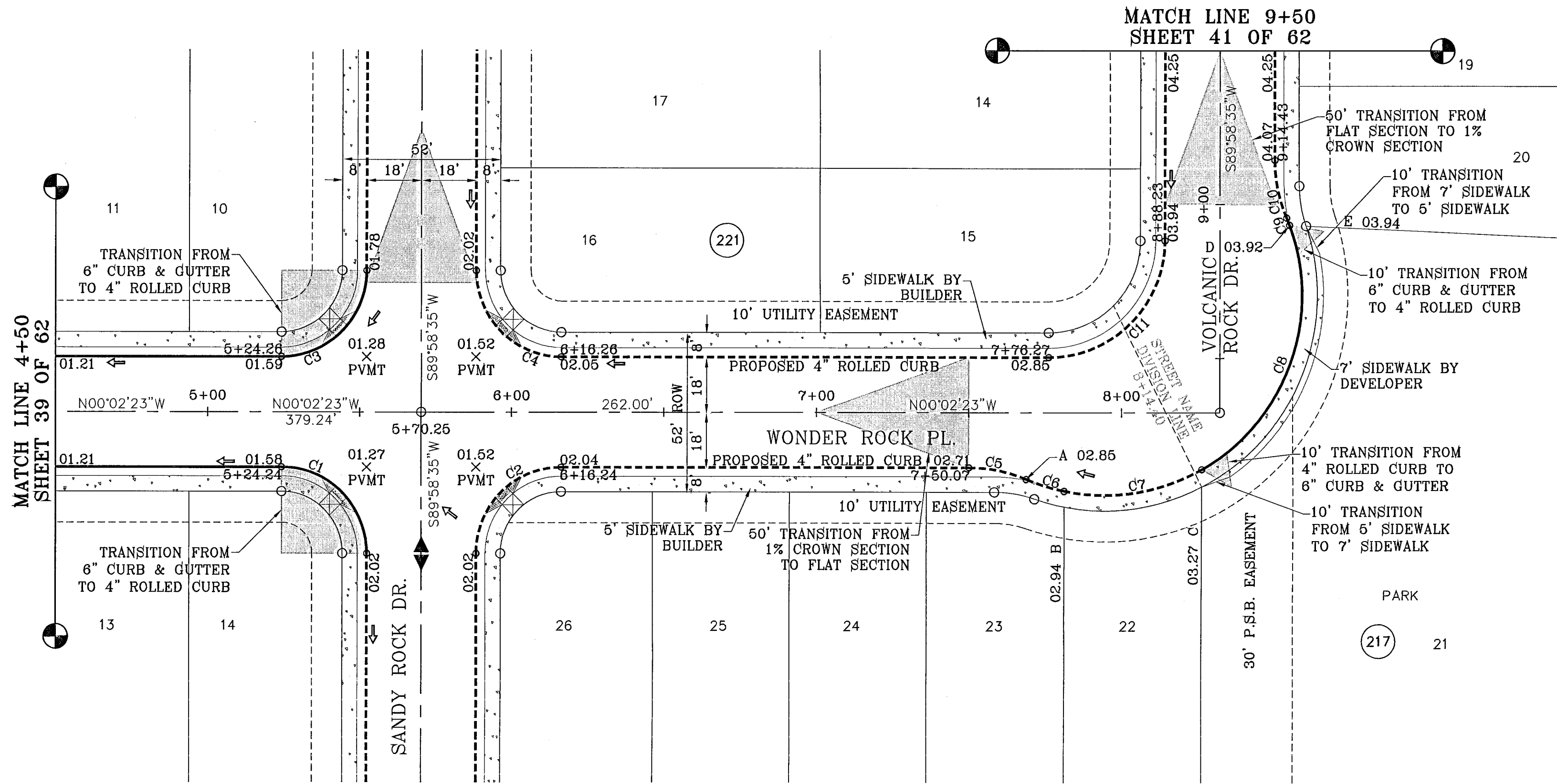
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS

1790 LEE TREVINO DR. STE 400  
EL PASO, TEXAS 79936

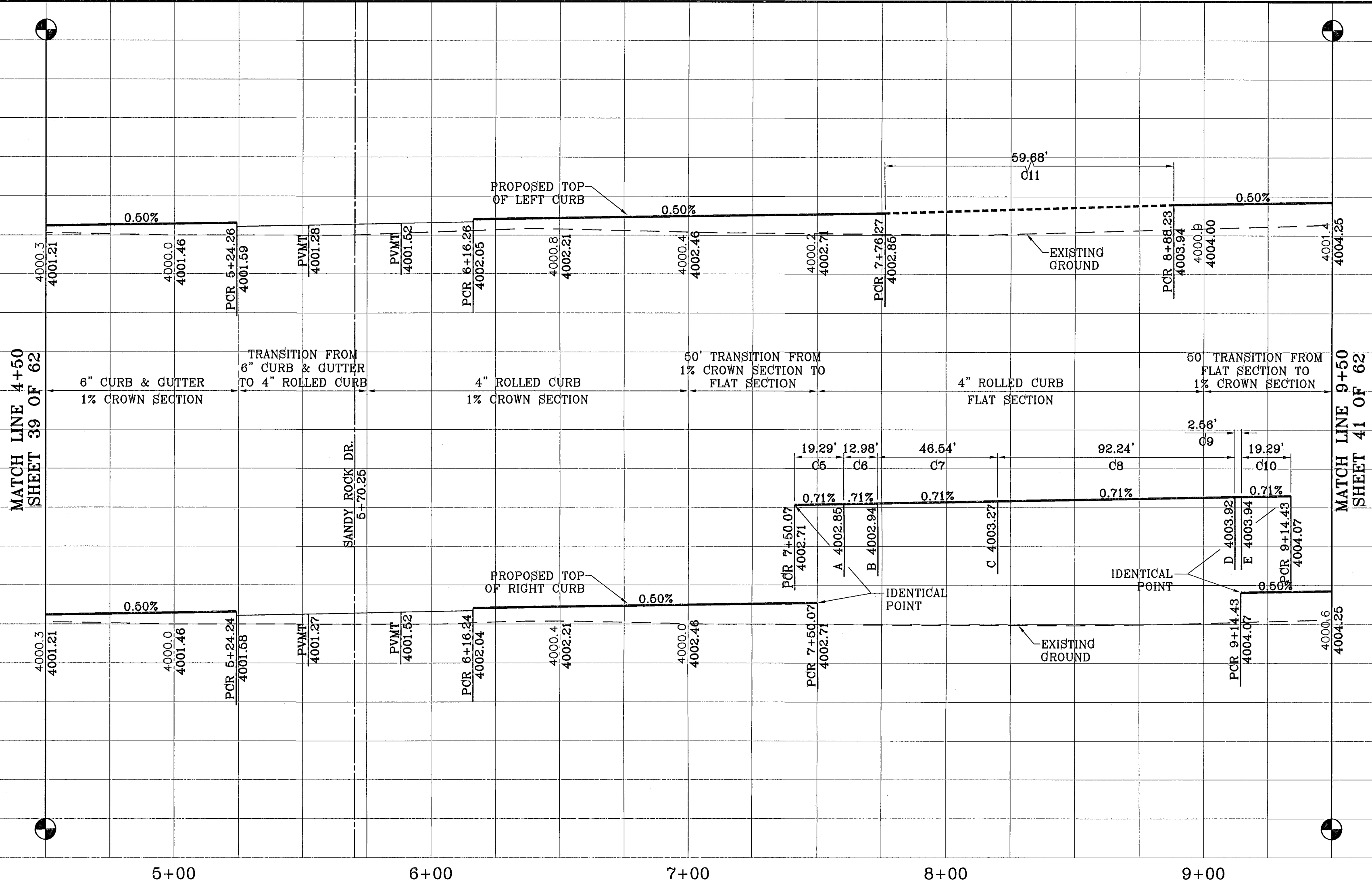
SHEET TITLE  
**STREET  
PLAN-PROFILE**

**WONDER ROCK PL.**  
STA: 0+00  
TO  
STA: 4+50

**103109**  
TIERRA DEL ESTE UNIT FIFTY SIX



CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.99	28.01	39.60	N44°58'06"E	90°00'57"
C2	28.00	43.97	27.99	39.59	N45°01'54"W	89°59'03"
C3	28.00	43.97	27.99	39.59	S45°01'54"E	89°59'03"
C4	28.00	43.99	28.01	39.60	S44°58'06"W	90°00'57"
C5	48.00	19.29	9.78	19.16	N11°28'17"E	23°01'20"
C6	65.00	12.98	6.51	12.98	S17°15'40"W	11°26'34"
C7	65.00	46.54	24.32	45.55	S08°58'21"E	41°01'26"
C8	65.00	92.24	55.82	84.69	S70°08'20"E	81°18'33"
C9	65.00	2.56	1.28	2.56	N68°04'49"E	2°15'08"
C10	48.00	19.29	9.78	19.16	S78°27'55"W	23°01'20"
C11	38.00	69.68	37.99	53.73	S45°01'54"E	89°59'03"



**TIERRA DEL ESTE UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.561 ACRES.

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

**CONDE INC.**

SHEET TITLE  
STREET  
PLAN-PROFILE  
**WONDER ROCK PL.  
4+50 TO 8+14.40  
VOLCANIC ROCK DR.  
8+14.40 TO 9+50**

DATE: 06-07 CITY REDLINES AS PER 11-19-07 COMMENTS O.M.  
04-25-06 CITY REDLINES AS PER 04-15-06 COMMENTS O.M.

REVISIONS:  
DESIGNATED: X 1118" PID "C0141"  
ELEVATION: 3887.2

BENCHMARKS:  
NCS MARKER: COPPER-CLOD STEEL ROD  
DESIGNATED: X 1118" PID "C0141"  
ELEVATION: 3887.2

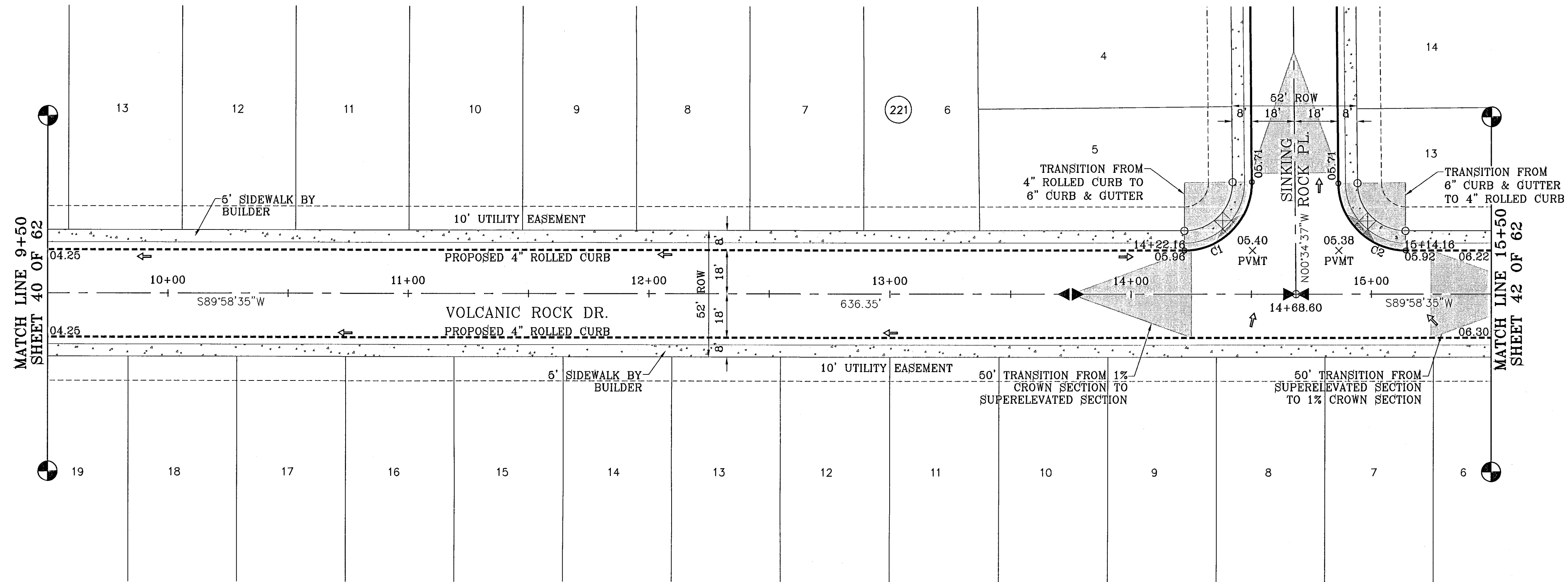
PROJECT NAME: **TIERRA DEL ESTE UNIT FIFTY SIX**

SCALE:  
Hortic: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-63

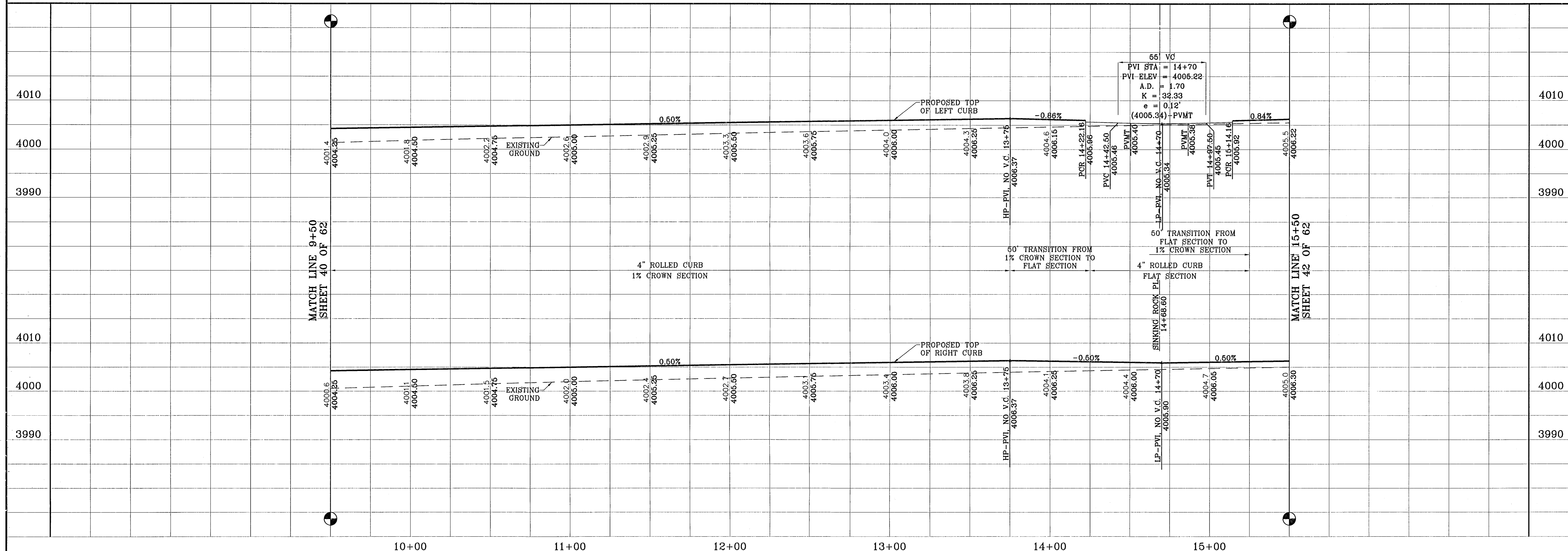
ENGINEER'S SEAL:  
VINNIE CONDE CURRY  
4648  
REGISTERED PROFESSIONAL SURVEYOR

103109



SCALE: 1"=30'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	44.25	28.27	39.79	N44°41'59"E	90°33'12"
C2	28.00	43.71	27.73	39.41	S45°18'01"E	89°26'48"



56' VC  
 PVI STA = 14+70  
 PVI-ELEV = 4006.22  
 A.D. = 1.70  
 K = 32.33  
 e = 0.12'  
 (4006.34) -PVT

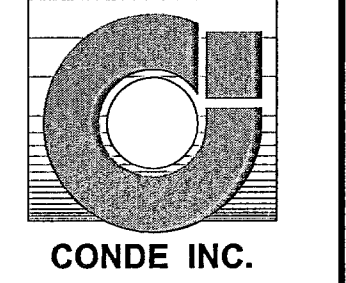
BENCHMARKS

NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: X 1116' PD "CE0141"	ELEVATION: 3987.72
DATE	REVISIONS	BY
04-28-08	CITY REDLINES AS PER 04-15-08	COMMENTS O.M.

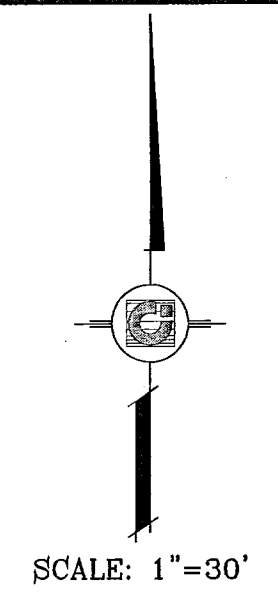
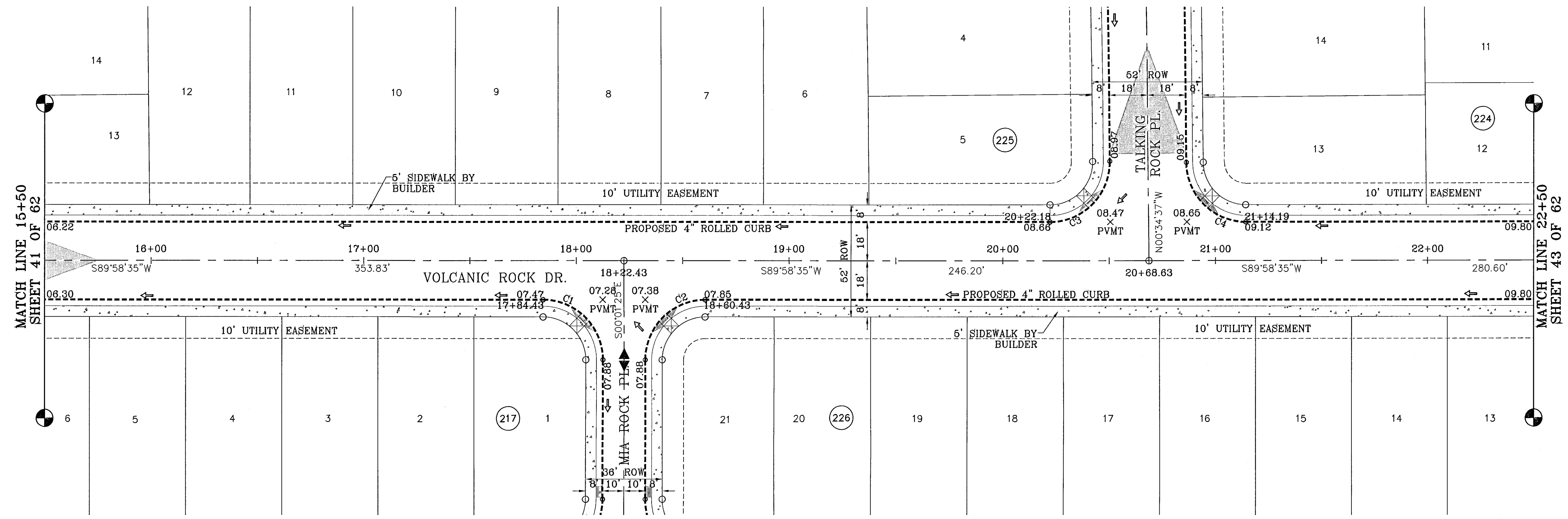
PROJECT NAME  
**TIERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.561 ACRES

SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'  
 DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INTRATED BY: O.M.  
 CHD. BY: Y.C.  
 JOB NO.: 207-53

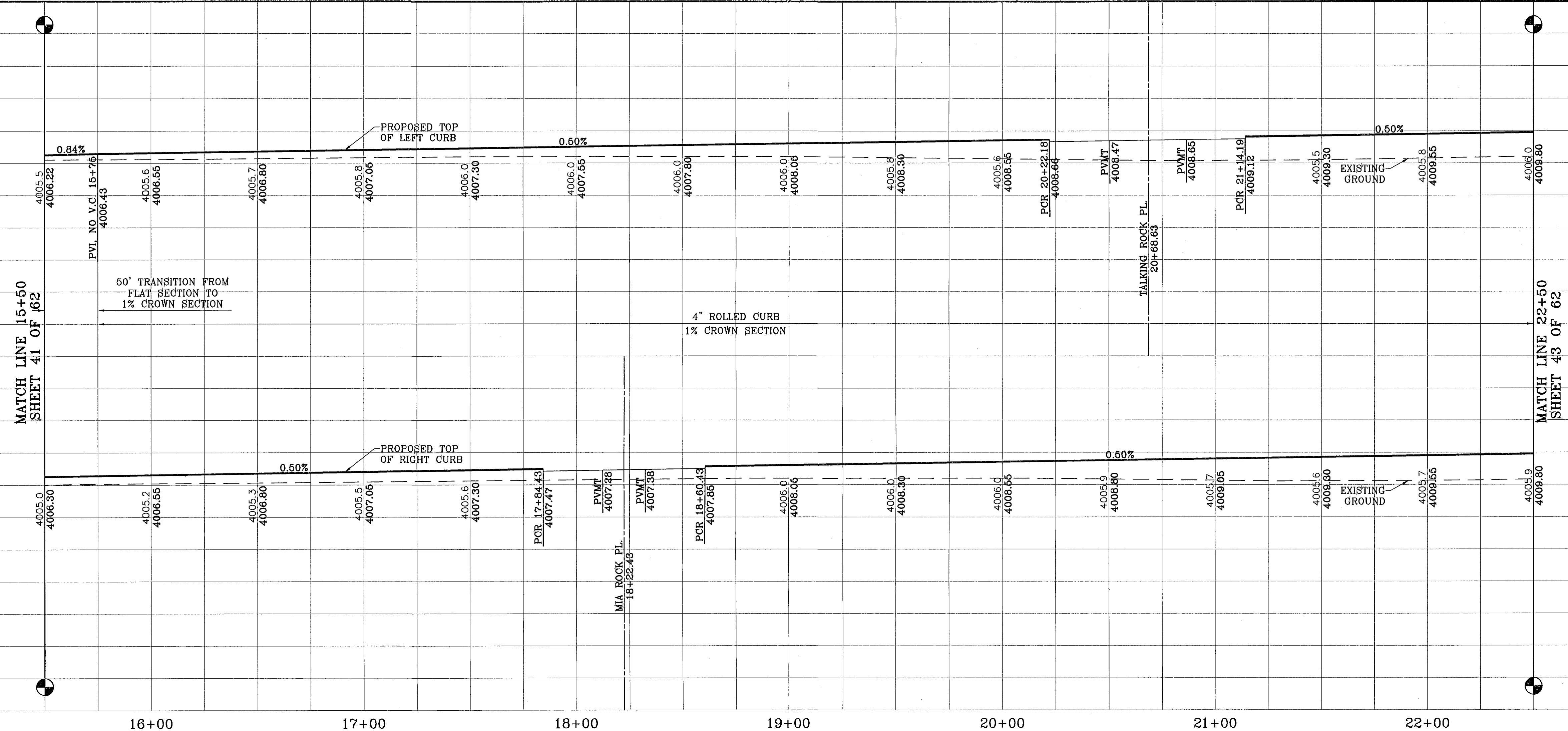
ENGINEER'S SEAL  
  
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1790 LEE TREVIÑO DR. STE 400  
 EL PASO, TEXAS 79936



SHEET TITLE  
**STREET PLAN-PROFILE**  
**VOLCANIC ROCK DR.**  
 STA: 9+50  
 TO  
 STA: 15+50



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.98	28.00	39.60	N45°01'25"W	90°00'00"
C2	28.00	43.98	28.00	39.60	S44°58'35"W	90°00'00"
C3	28.00	44.25	28.27	39.79	N44°41'59"E	90°33'12"
C4	28.00	43.71	27.73	39.41	S45°18'01"E	89°26'48"



BENCHMARKS  
 NGS MARKER: COPPER-CLAD STEEL ROD  
 DESIGNATED: X 1118' PID '050141'  
 ELEVATION: 3267.72

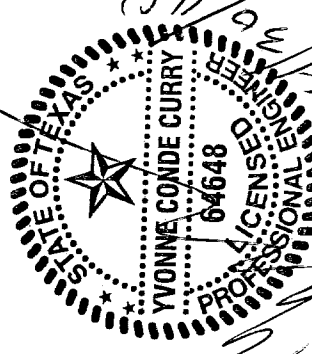
DATE: 12-08-07 CITY REDLINES AS PER 11-19-07 COMMENTS O.M.  
 04-23-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.

PROJECT NAME  
**TERRA DEL ESTE  
 UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
 CONTAINING 79.551 ACRES

SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'

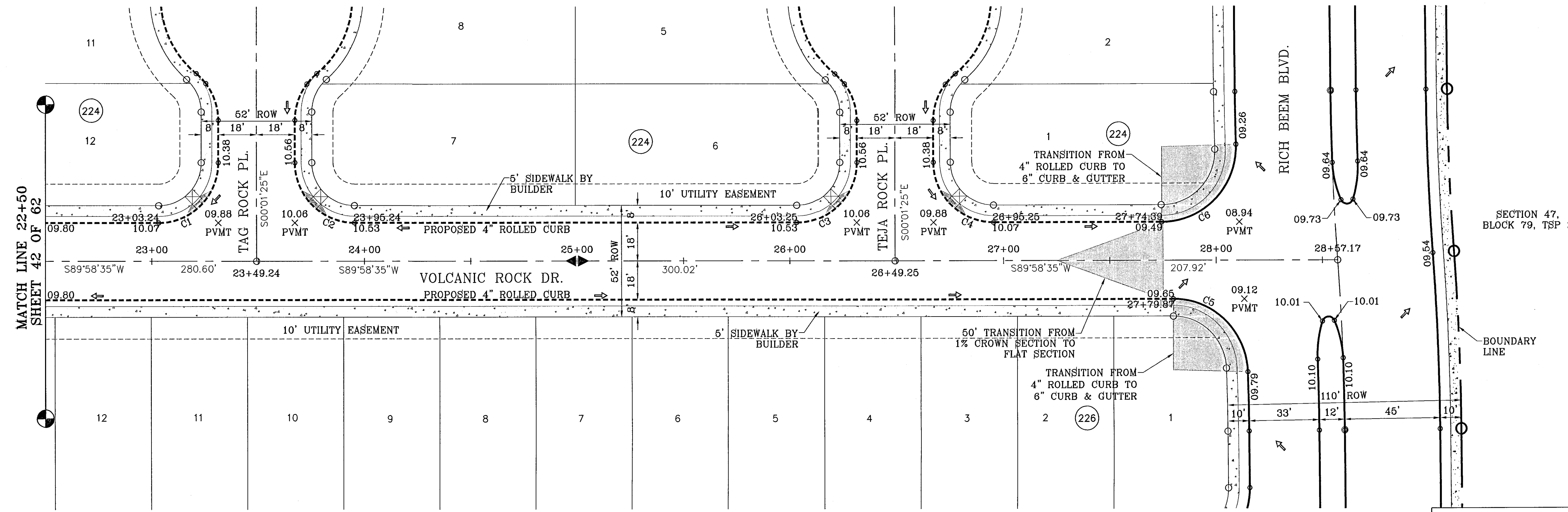
DATE: MAY 2007  
 DESIGN BY: Y.G.  
 INITIATED BY: O.M.  
 CHD. BY: Y.G.  
 JOB NO.: 207-53

ENGINEER'S SEAL  
  
 YONG G. GOO  
 LICENSE NO. 14648  
 CIVIL ENGINEER

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

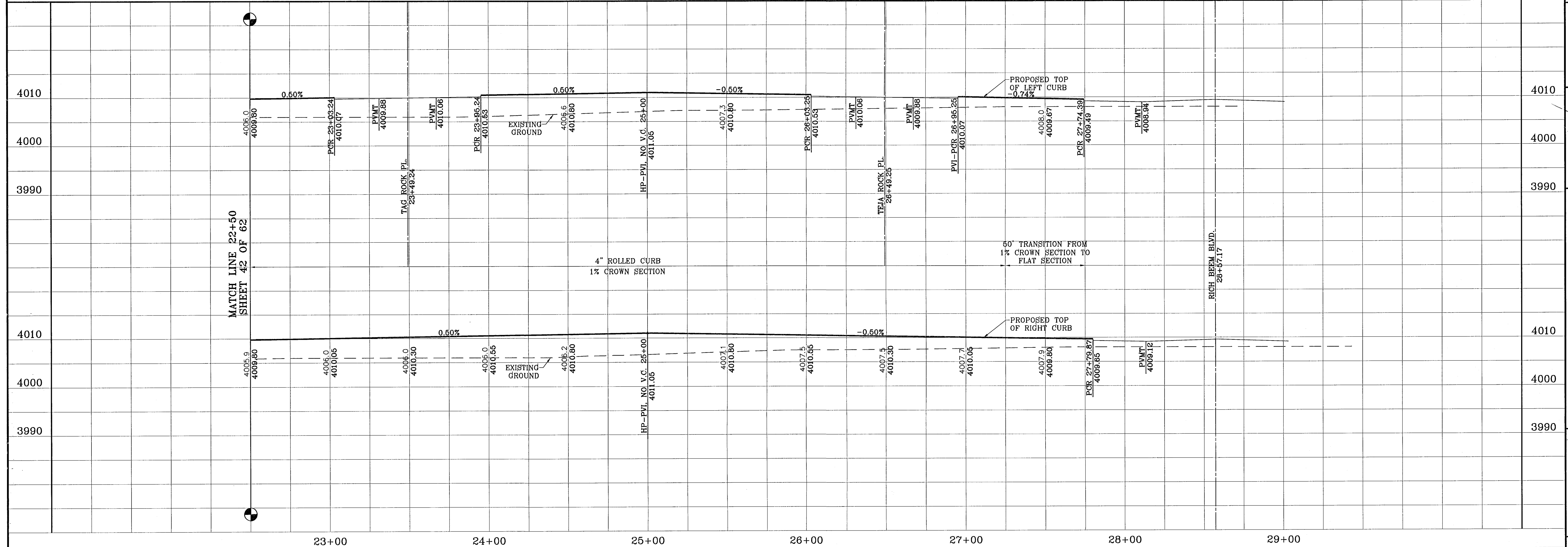
SHEET TITLE  
**STREET  
 PLAN-PROFILE**  
**VOLCANIC ROCK DR.**  
 STA: 15+50  
 TO  
 STA: 22+50





SCALE: 1"=30'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.98	28.00	39.60	N44°58'35"E	90°00'00"
C2	28.00	43.98	28.00	39.60	S45°01'25"E	90°00'00"
C3	28.00	43.98	28.00	39.60	N44°58'35"E	90°00'00"
C4	28.00	43.98	28.00	39.60	S45°01'25"E	90°00'00"
C5	35.00	53.84	33.88	48.69	N45°57'21"W	88°08'09"
C6	35.00	55.98	36.02	50.20	N44°09'23"E	91°38'24"



BENCHMARKS

NGS MARKER COPPER-CLAD STEEL ROD  
DESIGNATED 2X 1118' PD 'C00141'  
ELEVATION: 3897.2

DATE	BY	REVISIONS

PROJECT NAME  
**TERRA DEL ESTE  
UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.561 ACRES

SCALE  
Horiz: 1"=30'  
Vert: 1"=10'

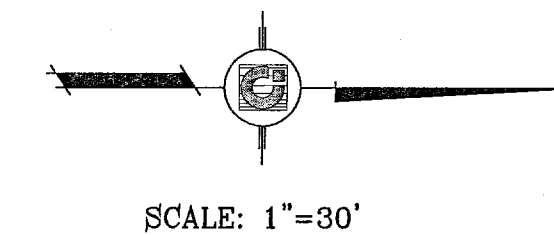
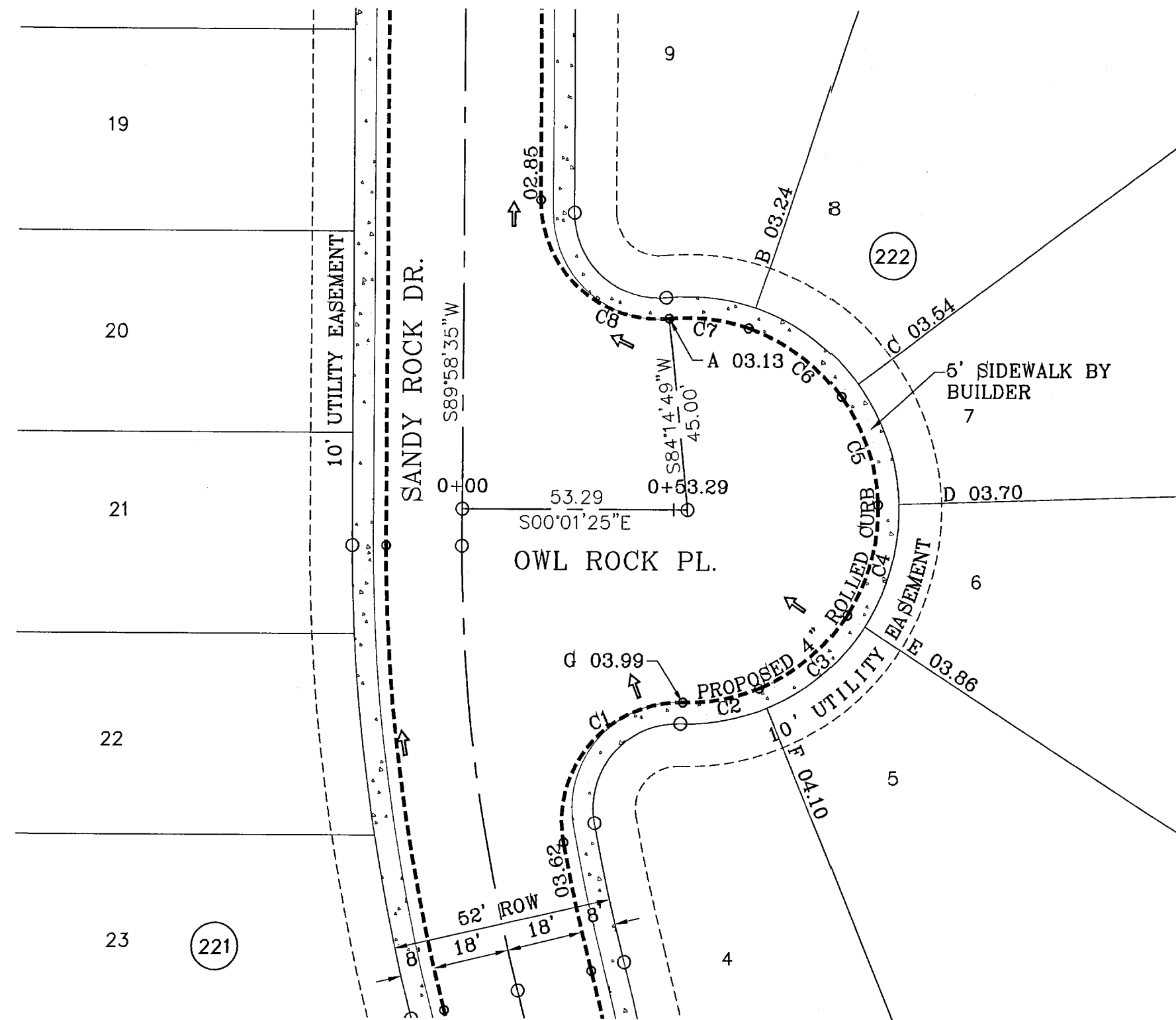
DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-55

ENGINEER'S SEAL

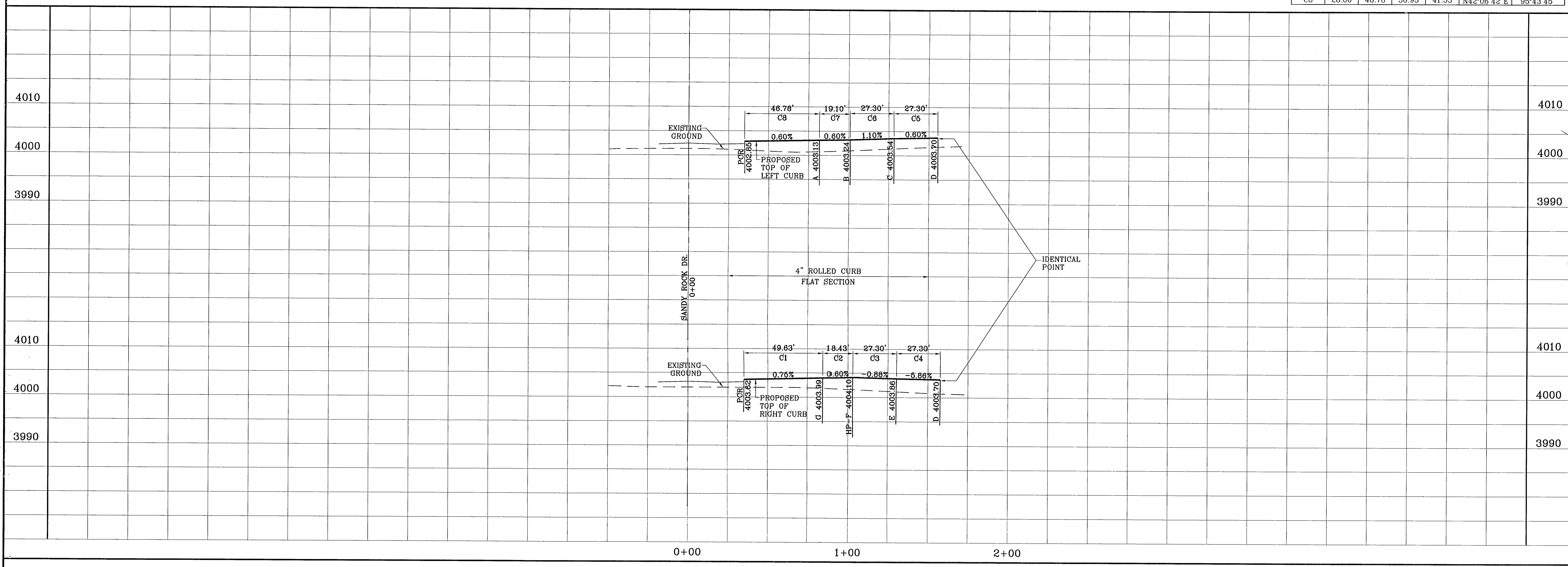
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1760 LEE TRAVINO DR. STE 400  
EL PASO, TEXAS 79936

SHEET TITLE  
**STREET  
PLAN-PROFILE**

**VOLCANIC ROCK DR.**  
STA: 22+50  
TO  
STA: 28+57.17



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	49.63	34.31	43.39	S49°42'26"E	101°33'47"
C2	45.00	18.43	9.35	18.30	N10°39'38"W	23°28'11"
C3	45.00	27.30	14.08	26.88	N39°46'31"W	34°45'34"
C4	45.00	27.30	14.08	26.88	N74°32'05"W	34°45'34"
C5	45.00	27.30	14.08	26.88	S70°42'21"W	34°45'34"
C6	45.00	27.30	14.08	26.88	S35°56'47"W	34°45'34"
C7	45.00	19.10	9.70	18.98	S06°24'25"W	24°19'11"
C8	28.00	46.78	30.95	41.53	N42°06'42"E	95°43'45"



**BENCHMARKS**  
 NGS MARKER, COPPER-GLAZED STEEL ROD  
 DESIGNATED: X 1118' PID "CC041"  
 ELEVATION: 3987.12

**REVISIONS**

DATE	BY	COMMENTS
12-06-07	CITY	REDLINES AS PER 11-19-07 COMMENTS

**PROJECT NAME**  
**TERRA DEL ESTE UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES.

**SCALE**  
 Horiz: 1"=30'  
 Vert: 1"=10'

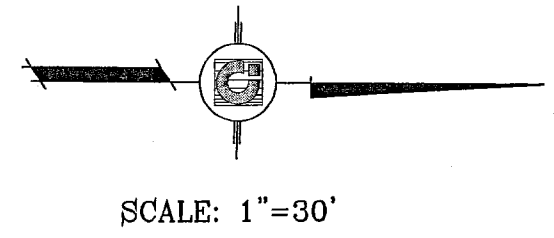
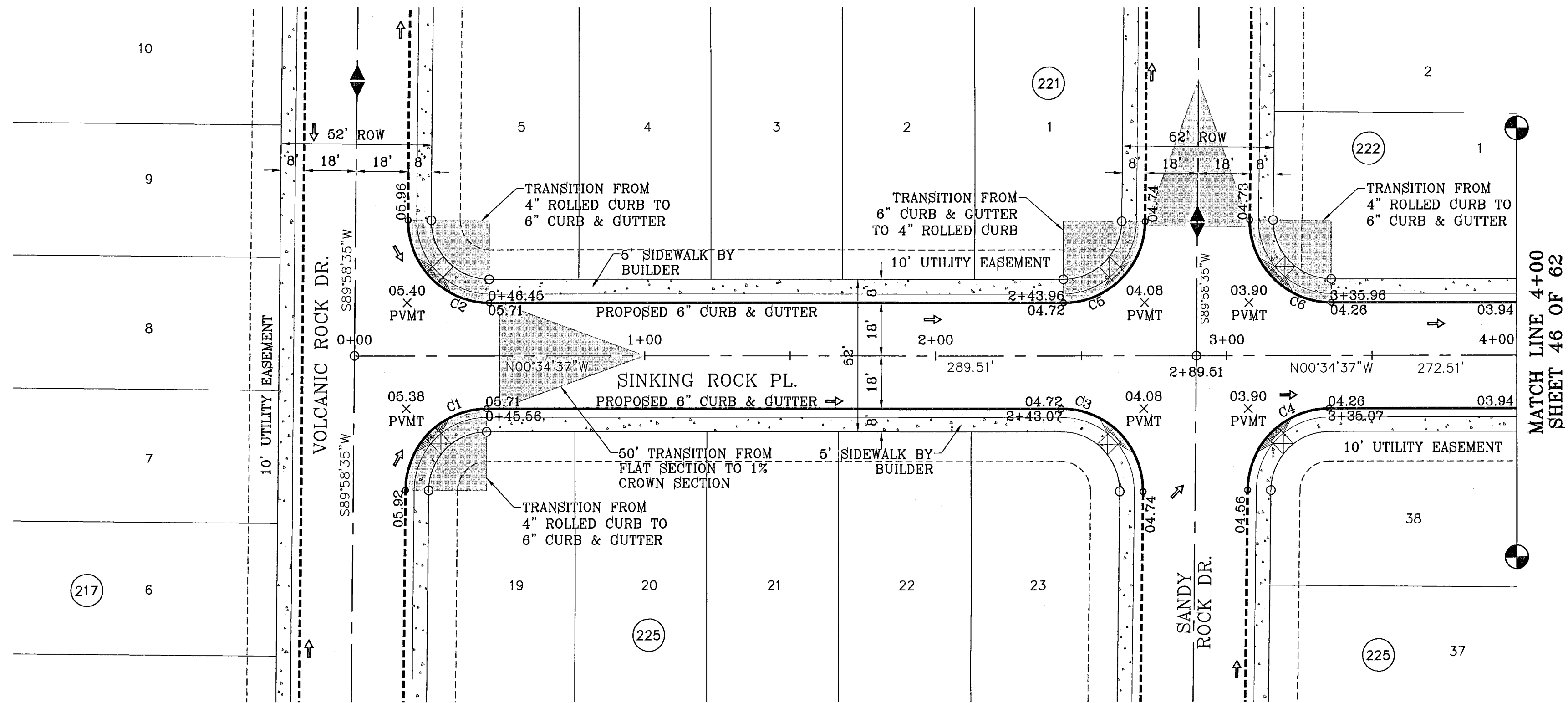
**ENGINEER'S SEAL**  
 DATE: MAY 2007  
 DESIGN BY: Y.G.  
 INFLATED BY: O.M.  
 CHKD. BY: Y.G.  
 JOB NO.: 207-53

**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1790 LEB PREVINO DR. STE. 400  
 EL PASO, TEXAS 79956

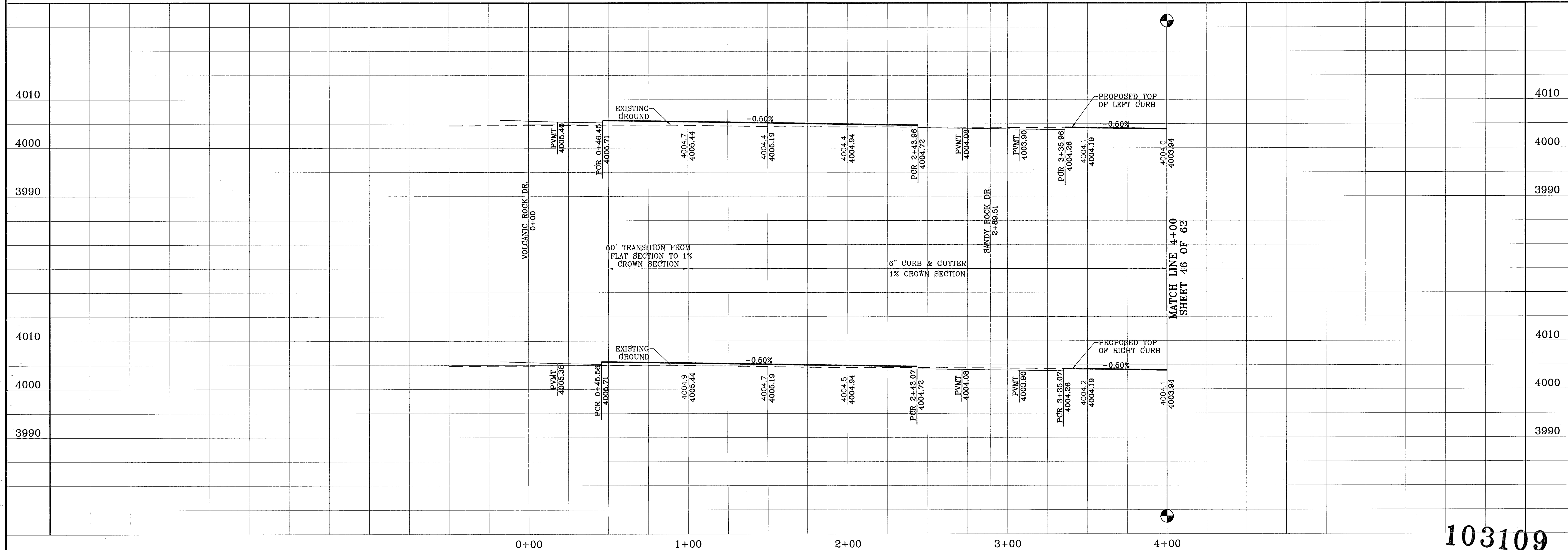
**CONDE INC.**

**SHEET TITLE**  
 STREET  
 PLAN-PROFILE  
**OWL ROCK DR.**

**SHT 44 OF 62**



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.71	27.73	39.41	S45°18'01"E	89°26'48"
C2	28.00	44.25	28.27	39.79	N44°41'59"E	90°33'12"
C3	28.00	44.25	28.27	39.79	N44°41'59"E	90°33'12"
C4	28.00	43.71	27.73	39.41	N45°18'01"W	89°26'48"
C5	28.00	43.71	27.73	39.41	N45°18'01"W	89°26'48"
C6	28.00	44.25	28.27	39.79	N44°41'59"E	90°33'12"



103109  
TIERRA DEL ESTE UNIT FIFTY SIX

BENCHMARKS

NGS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: X 1118" PID "CE0141"	ELEVATION: 3887.12
DATE: 08-08	REVISIONS: SAC REVISIONS	BY: M.
DATE: 04-23-08	REVISIONS: SAC REVISIONS	BY: M.
04-23-08 CITY REDLINES AS PER 04-15-08 COMMENTS O.M.		

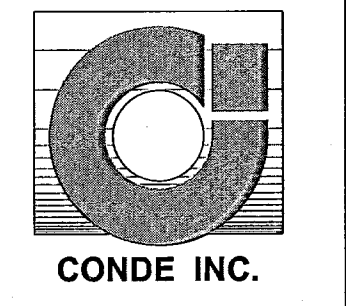
PROJECT NAME  
**TIERRA DEL ESTE UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 78,551 ACRES.

SCALE  
Horiz: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.G.  
INITIATED BY: O.M.  
CHKD. BY: Y.G.  
JOB NO.: 207-53

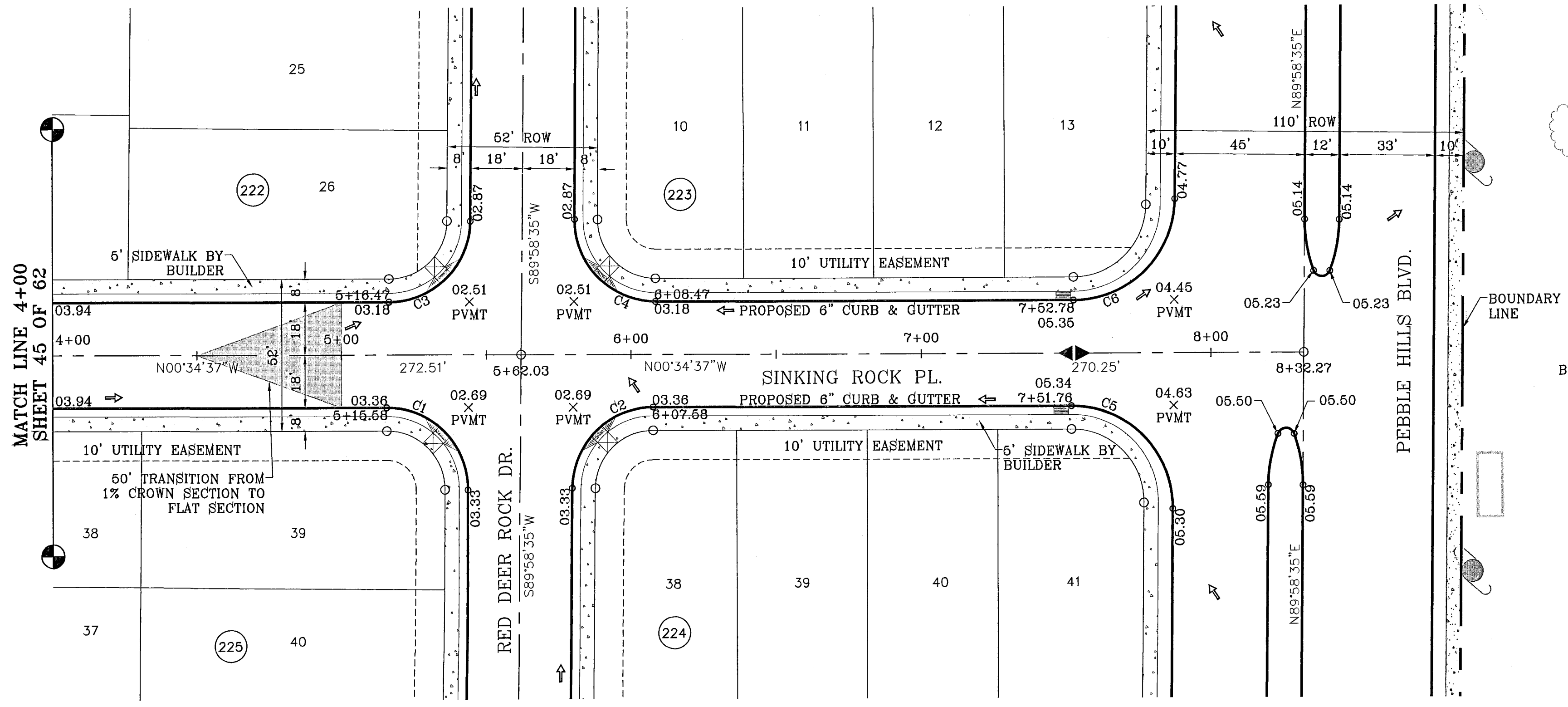
ENGINEER'S SEAL

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

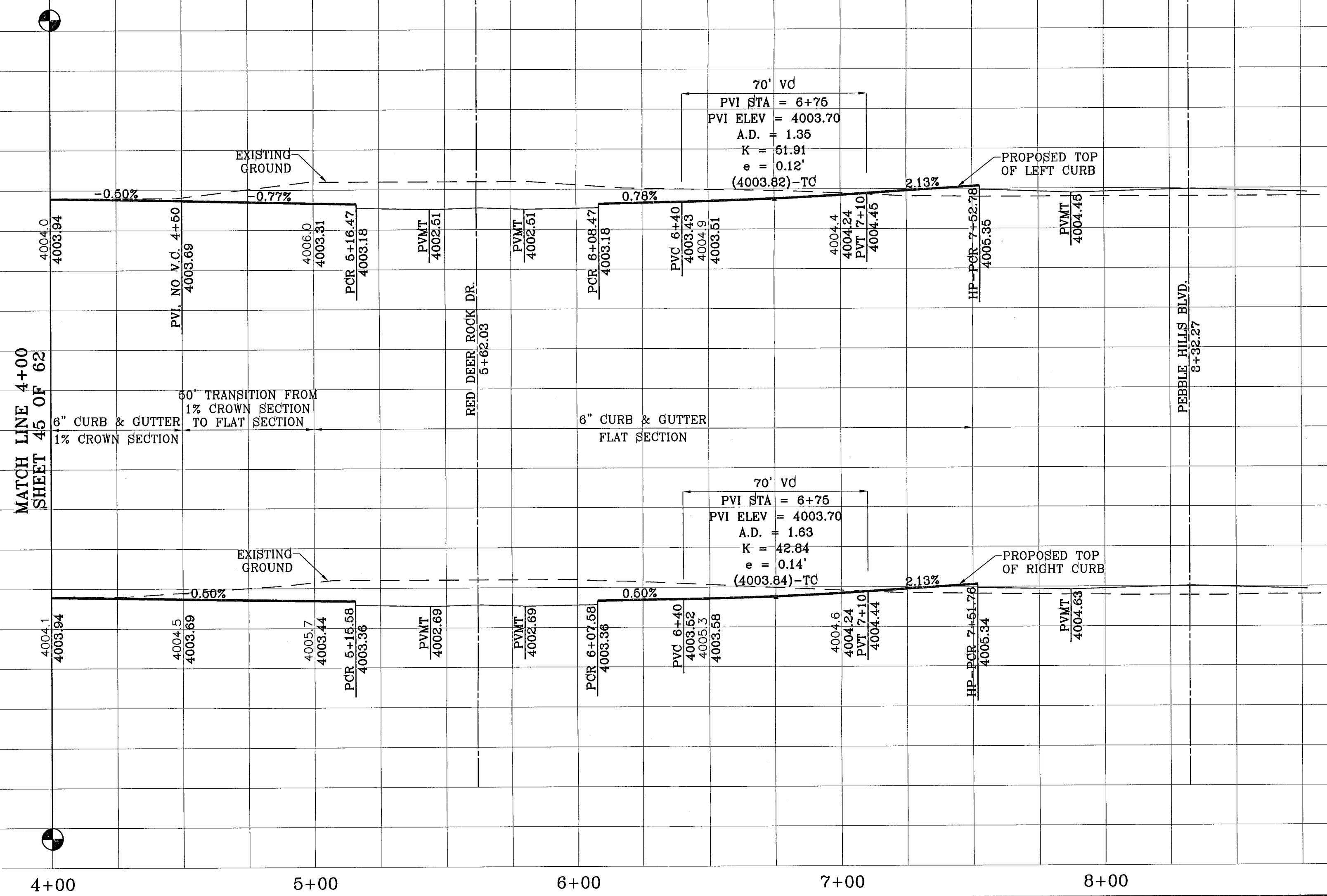


SHEET TITLE  
STREET  
PLAN - PROFILE  
**SINKING ROCK PL.**  
STA: 0+00  
TO  
STA: 4+00

SHT 45 OF 62



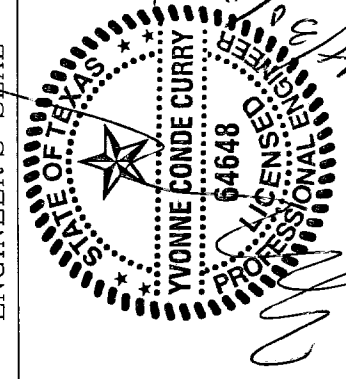
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	44.25	28.27	39.79	S44°41'59"W	90°33'12"
C2	28.00	43.71	27.73	39.41	S45°18'01"E	89°26'48"
C3	28.00	43.71	27.73	39.41	N45°18'01"W	89°26'48"
C4	28.00	44.25	28.27	39.79	N44°41'59"E	90°33'12"
C5	35.00	55.32	35.34	49.74	S44°41'59"W	90°33'12"
C6	35.00	54.64	34.66	49.26	N45°18'01"W	89°26'48"



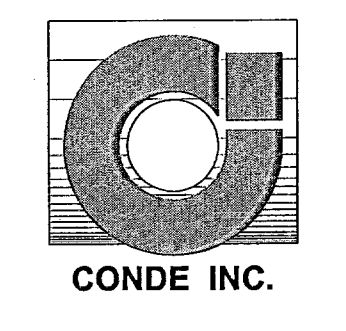
BENCHMARKS	
NCS MARKER: COPPER-CLAD STEEL ROD	DESIGNATED: X 1118' PID 'CE0141'
ELEVATION: 3997.12	
REVISIONS	
DATE	BY
12-06-07	CITY REDLINES AS PER 11-19-07 COMMENTS O.M.

PROJECT NAME  
**TIERRA DEL ESTE  
 UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND BLK 79, SEC 46, T2S, R10E,  
 COUNTY OF DALLAS, TEXAS.  
 CITY OF CONTAINING 79.651 ACRES

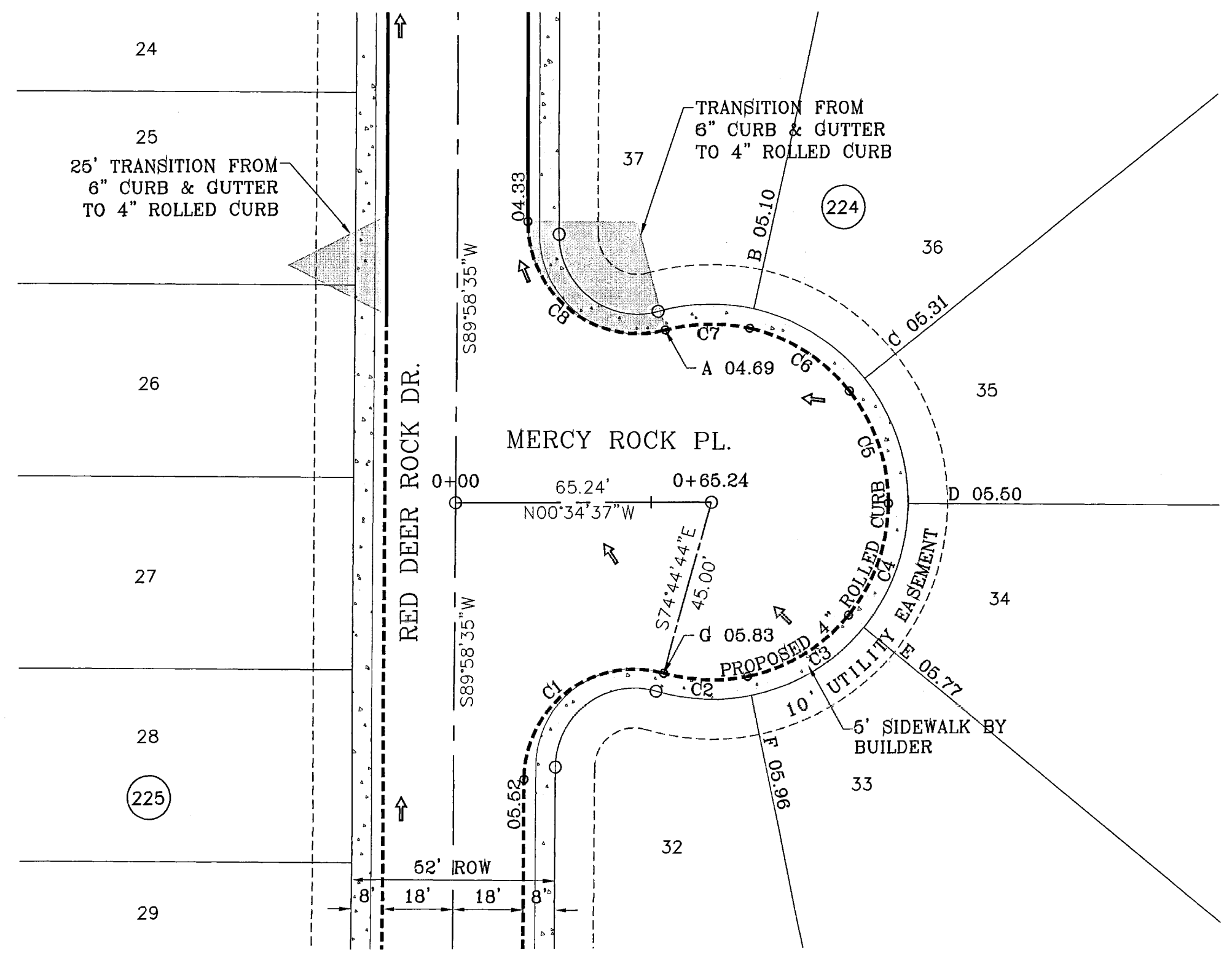
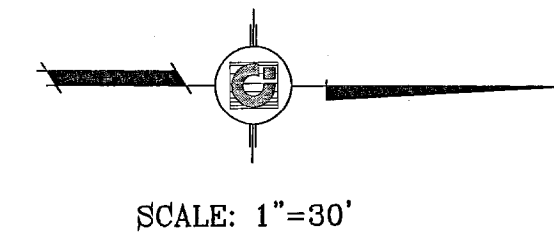
SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'  
 DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-63



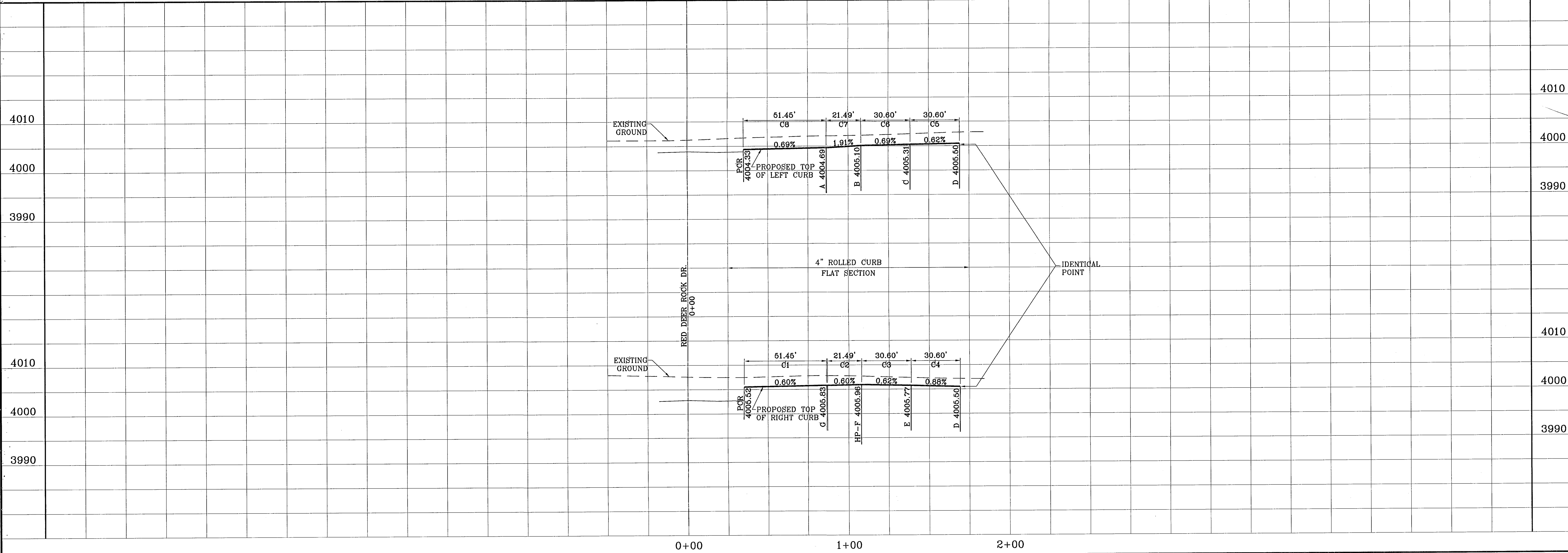
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1790 LEB WREVINOS DR.  
 EL PASO, TEXAS 79606



SHEET TITLE  
**STREET  
 PLAN-PROFILE**  
**SINKING ROCK PL.**  
 STA: 4+00  
 TO  
 STA: 8+32.27



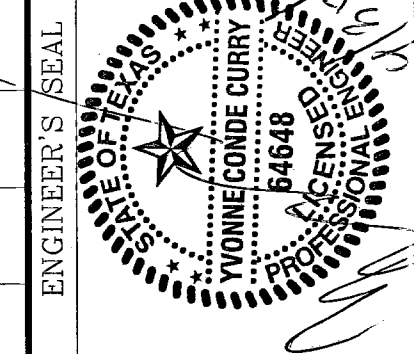
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	51.45	36.67	44.51	S37°23'05\"E	105°16'41\"
C2	45.00	21.49	10.95	21.29	N01°34'25\"E	27°21'41\"
C3	45.00	30.60	15.92	30.01	N31°35'10\"W	38°57'30\"
C4	45.00	30.60	15.92	30.01	N70°32'40\"W	38°57'30\"
C5	45.00	30.60	15.92	30.01	S70°29'50\"W	38°57'30\"
C6	45.00	30.60	15.92	30.01	S31°32'20\"W	38°57'30\"
C7	45.00	21.49	10.95	21.29	S01°37'16\"E	27°21'41\"
C8	28.00	51.45	36.67	44.51	N37°20'14\"E	105°16'41\"



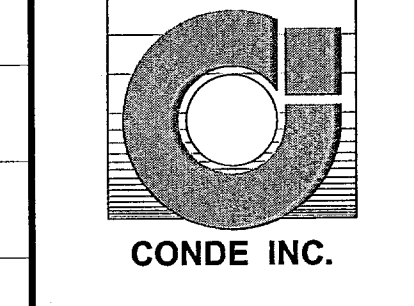
BENCHMARKS	
NGS MARKER: COPPER-CLAD STEEL ROD	
DESIGNATED: X 1118' P10 'CE041'	
ELEVATION: 7.889712	
REVISIONS	
DATE	
BY	

PROJECT NAME  
**TIERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES.

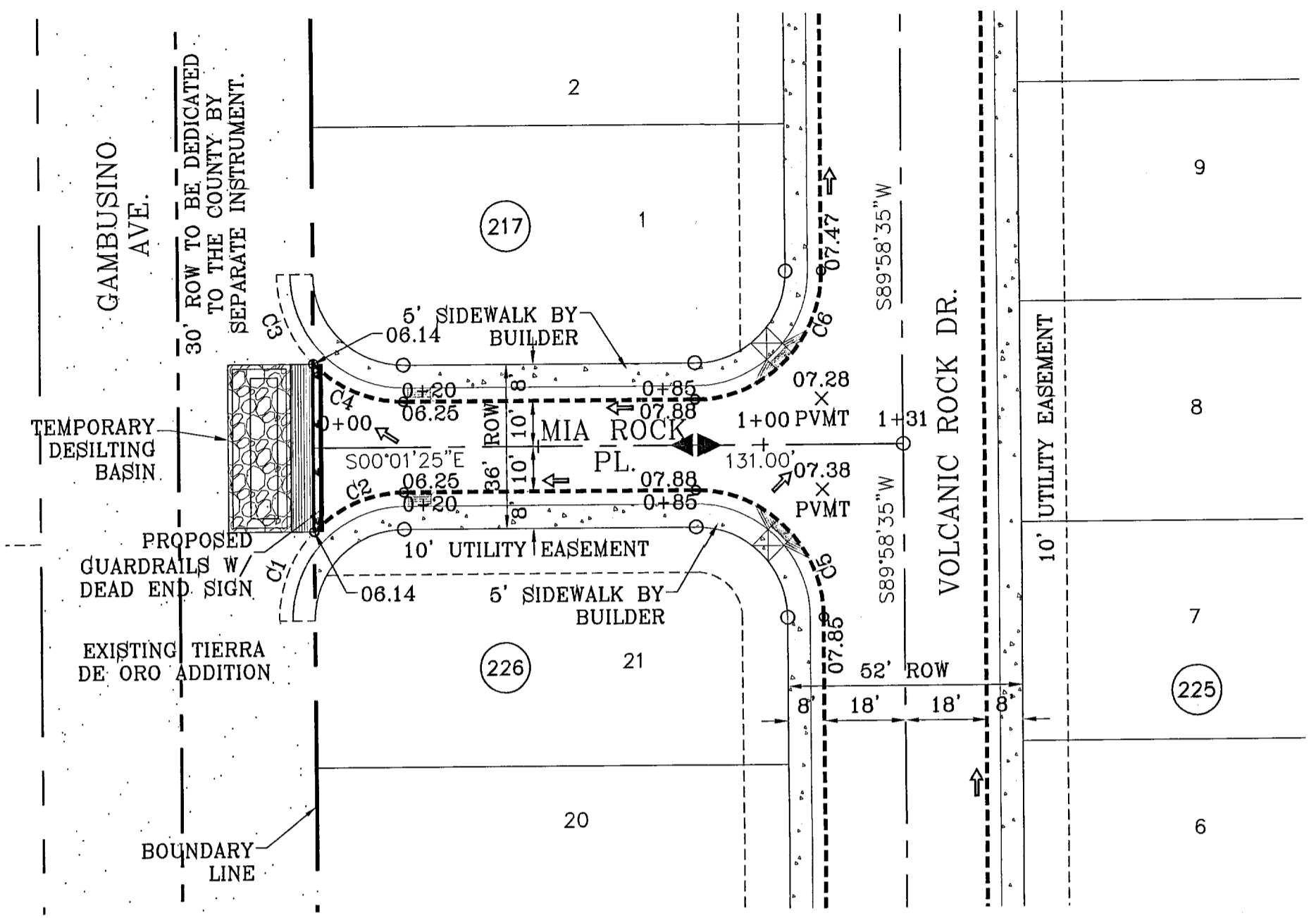
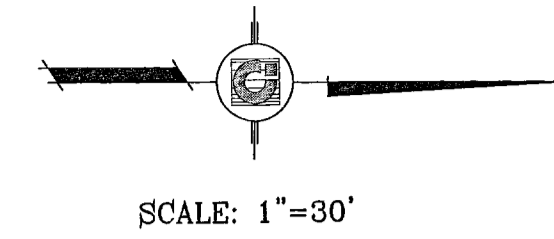
SCALE  
 Horiz: 1"=30'  
 Vert: 1"=10'  
 DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-53



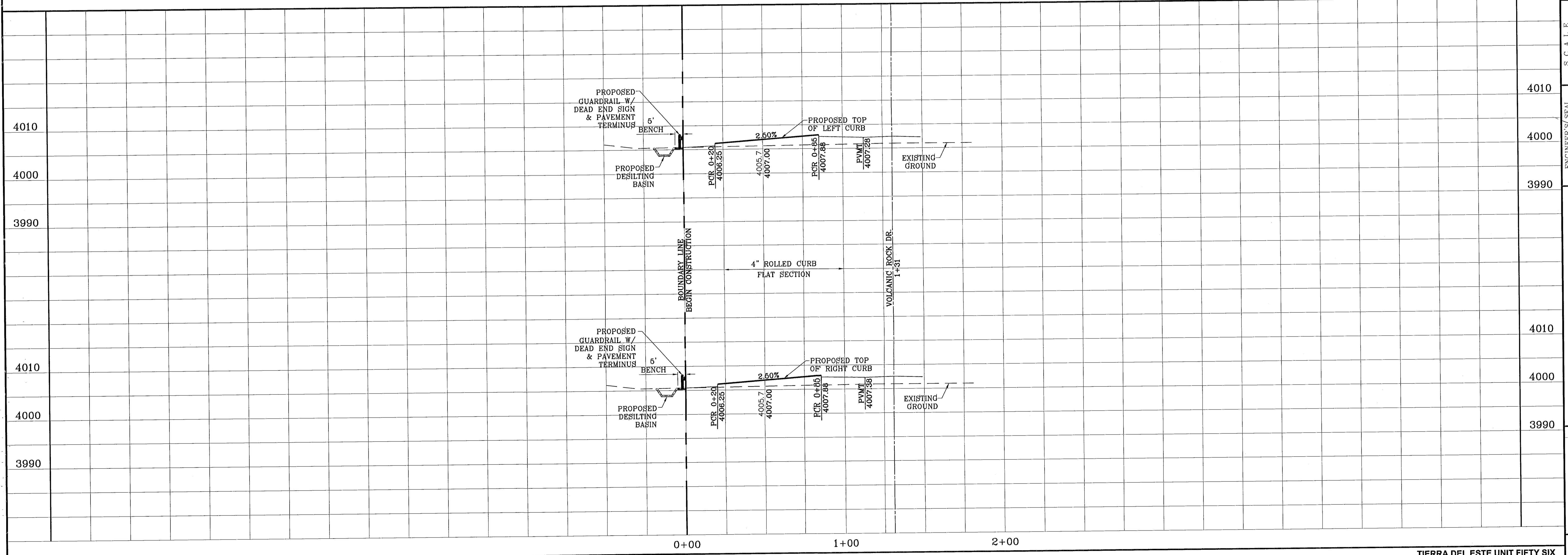
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1700 LBJ FRESHWATER DRIVE, SUITE 400  
 EL PASO, TEXAS 79936



SHEET TITLE  
**STREET PLAN-PROFILE**  
**MERCY ROCK PL.**



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.98	28.00	39.60	S45°01'25"E	90°00'00"
C2	28.00	22.28	11.77	21.69	S22°48'58"E	45°35'05"
C3	28.00	43.98	28.00	39.60	N44°58'35"E	90°00'00"
C4	28.00	22.28	11.77	21.69	N22°46'07"E	45°35'05"
C5	28.00	43.98	28.00	39.60	S44°58'35"W	90°00'00"
C6	28.00	43.98	28.00	39.60	N45°01'25"W	90°00'00"



BENCHMARKS

N6S MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 1118' PD "CE041"  
ELEVATION: 3987.12

REVISIONS

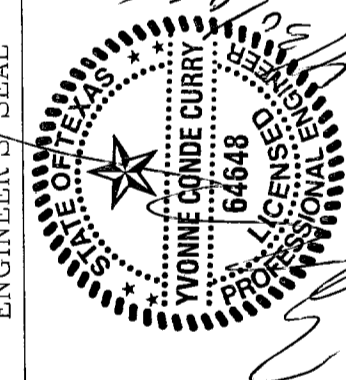
NO.	DATE	DESCRIPTION
1	12-06-07	CITY REDLINES AS PER 11-19-07 COMMENTS D.M.

PROJECT NAME  
**TIERRA DEL ESTE  
UNIT FIFTY SIX**

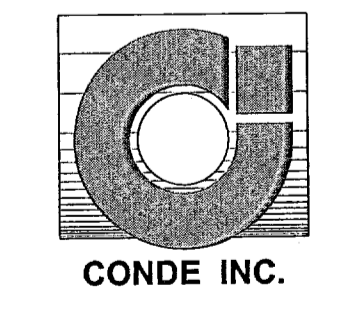
BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PART OF RANGE 10, COUNTY, TEXAS,  
CITY OF PASO, TEXAS,  
CONTAINING 76.561 ACRES

S C A L E  
Horiz: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
INFLATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-63

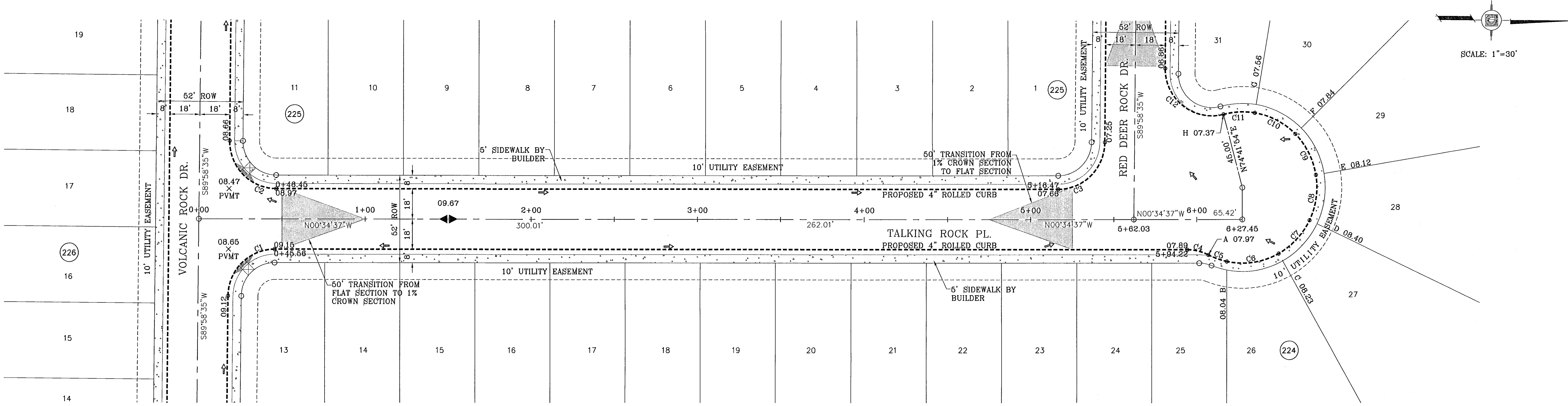


**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1790 LEB TRIVINO DR. STE. 400  
EL PASO, TEXAS 79956



SHEET TITLE  
**STREET  
PLAN-PROFILE**

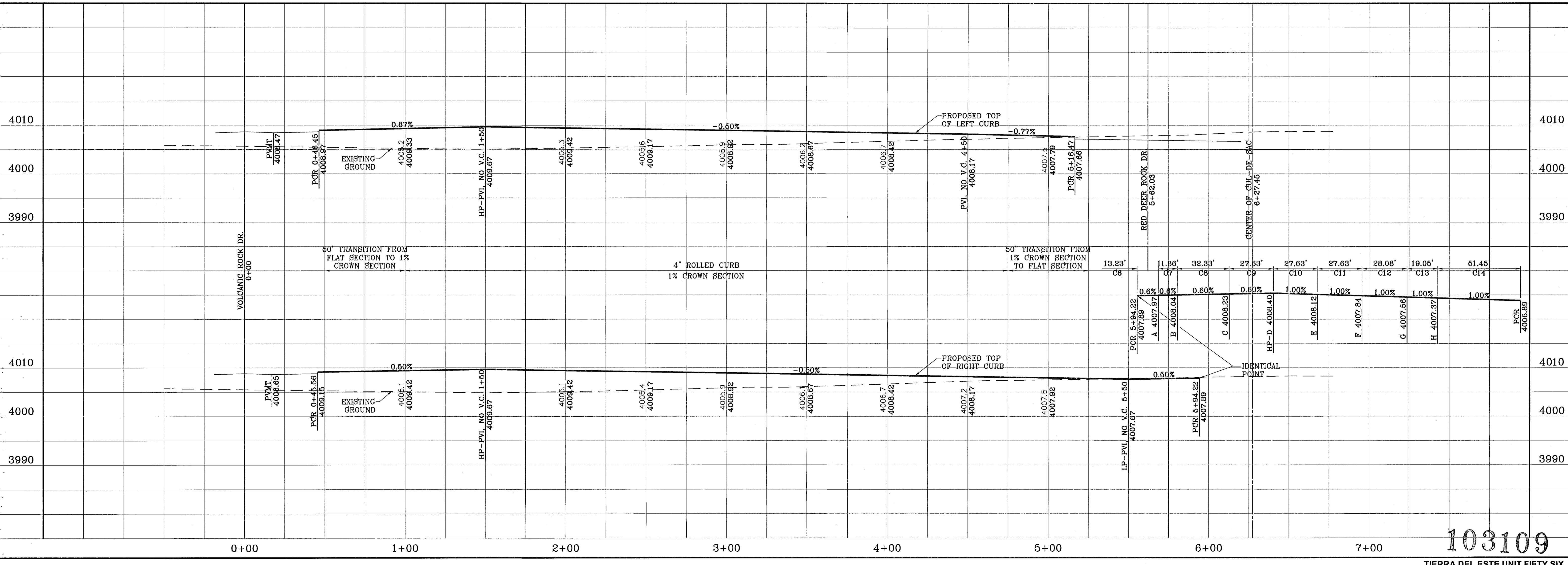
**MIA ROCK PL.**



SCALE: 1"=30'

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.71	27.73	39.41	S45°18'01"E	89°26'48"
C2	28.00	44.25	28.27	39.79	N44°41'59"E	90°33'12"
C3	28.00	43.71	27.73	39.41	N45°18'01"W	89°26'48"
C4	28.00	13.23	6.74	13.11	S12°57'38"W	27°04'30"
C5	45.00	11.86	5.96	11.82	N18°56'59"E	15°05'47"
C6	45.00	32.33	16.90	31.64	N09°10'55"W	41°10'01"

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C7	45.00	27.63	14.27	27.20	N47°21'17"W	35°10'42"
C8	45.00	27.63	14.27	27.20	N82°31'59"W	35°10'42"
C9	45.00	27.63	14.27	27.20	S62°17'20"W	35°10'42"
C10	45.00	28.08	14.51	27.62	S26°49'28"W	35°45'01"
C11	45.00	19.05	9.67	18.90	S03°10'34"E	24°15'04"
C12	28.00	51.46	36.67	44.51	N37°20'14"E	105°16'41"



103109  
TERRA DEL ESTE UNIT FIFTY SIX

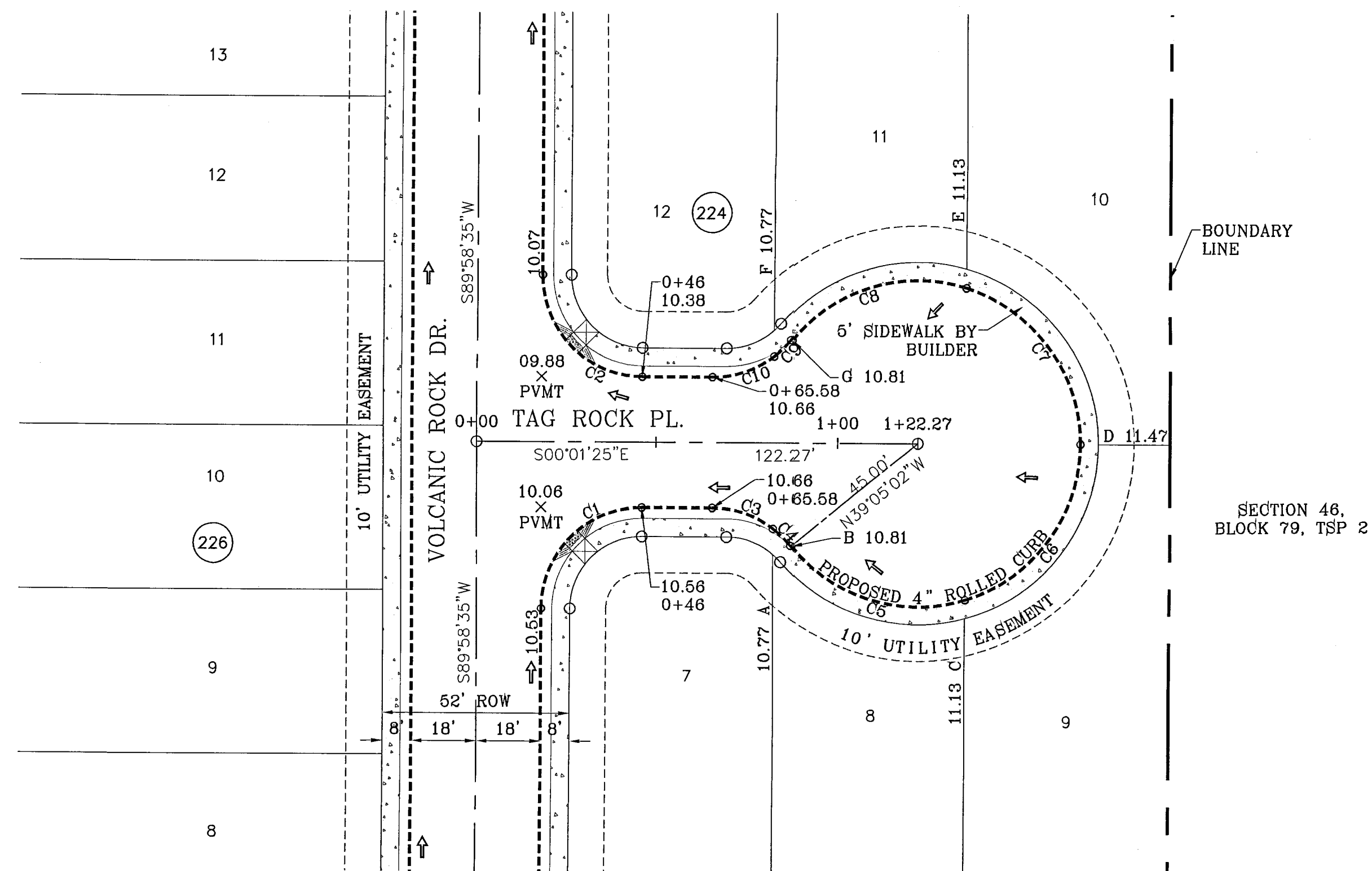
DATE	BY	REVISIONS
02-08-06	O.A.M.	POND AND CUL-DE-SAC REVISIONS
02-08-06	O.A.M.	COMMENTS

PROJECT NAME  
**TERRA DEL ESTE UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 78.551 ACRES

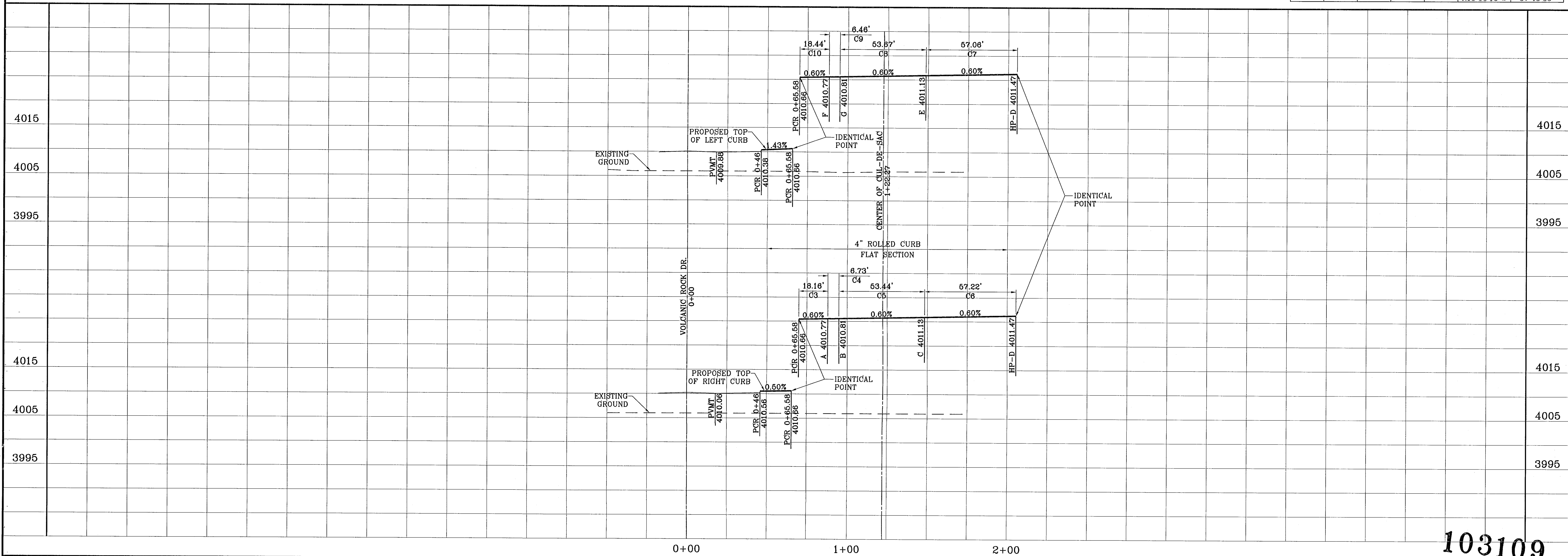
ENGINEER'S SEAL  
  
 S C A L E  
 Horiz: 1"=30'  
 Vert: 1"=10'  
 DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.A.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-53

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

SHEET TITLE  
STREET  
PLAN-PROFILE  
**TALKING ROCK PL.**  
SHT 49 OF 62



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.98	28.00	39.60	S45°01'25"E	90°00'00"
C2	28.00	43.98	28.00	39.60	N44°58'35"E	90°00'00"
C3	28.00	18.16	9.41	17.85	S18°33'39"W	37°10'09"
C4	28.00	6.73	3.38	6.71	S44°01'51"W	13°46'14"
C5	45.00	53.44	30.38	50.36	N16°53'42"E	68°02'31"
C6	45.00	57.22	33.21	53.44	N53°33'16"W	72°51'24"
C7	45.00	57.06	33.09	53.31	S53°41'31"W	72°39'03"
C8	45.00	53.67	30.54	50.54	S16°47'54"E	68°19'48"
C9	28.00	6.46	3.24	6.44	N44°21'24"W	13°12'48"
C10	28.00	18.44	9.57	18.11	N18°53'13"W	37°43'35"



103109

TIERRA DEL ESTE UNIT FIFTY SIX

DATE	REVISIONS

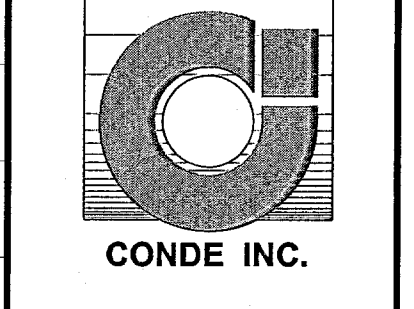
PROJECT NAME  
**TIERRA DEL ESTE  
 UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
 CONTAINING 79.551 ACRES.

SCA L E  
 Horiz: 1"=30'  
 Vert: 1"=10'

DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-58

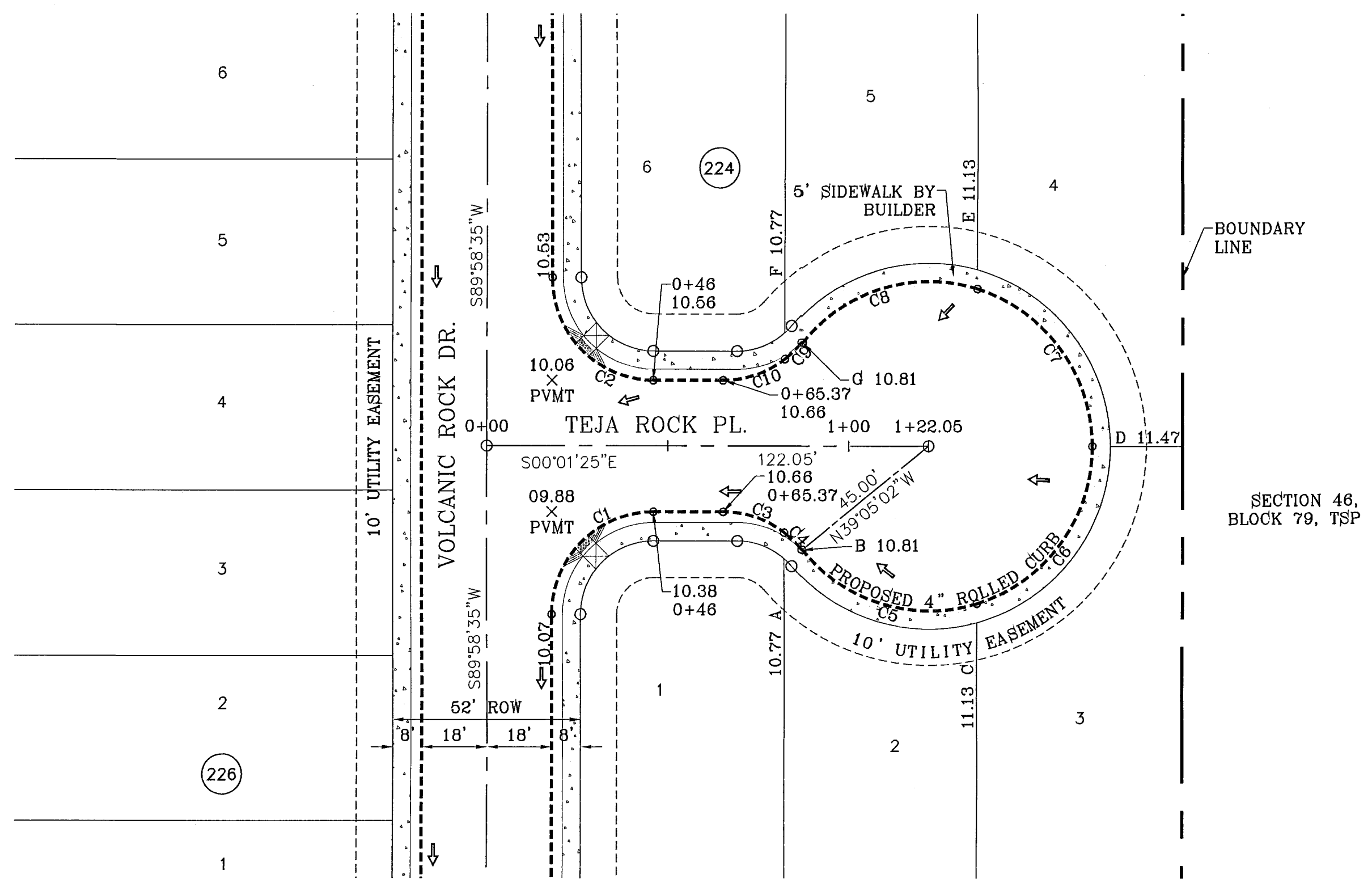
ENGINEER'S SEAL

**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GIS  
 1790 LEBB FRESVINO DR. SITE 400  
 EL PASO, TEXAS 79956

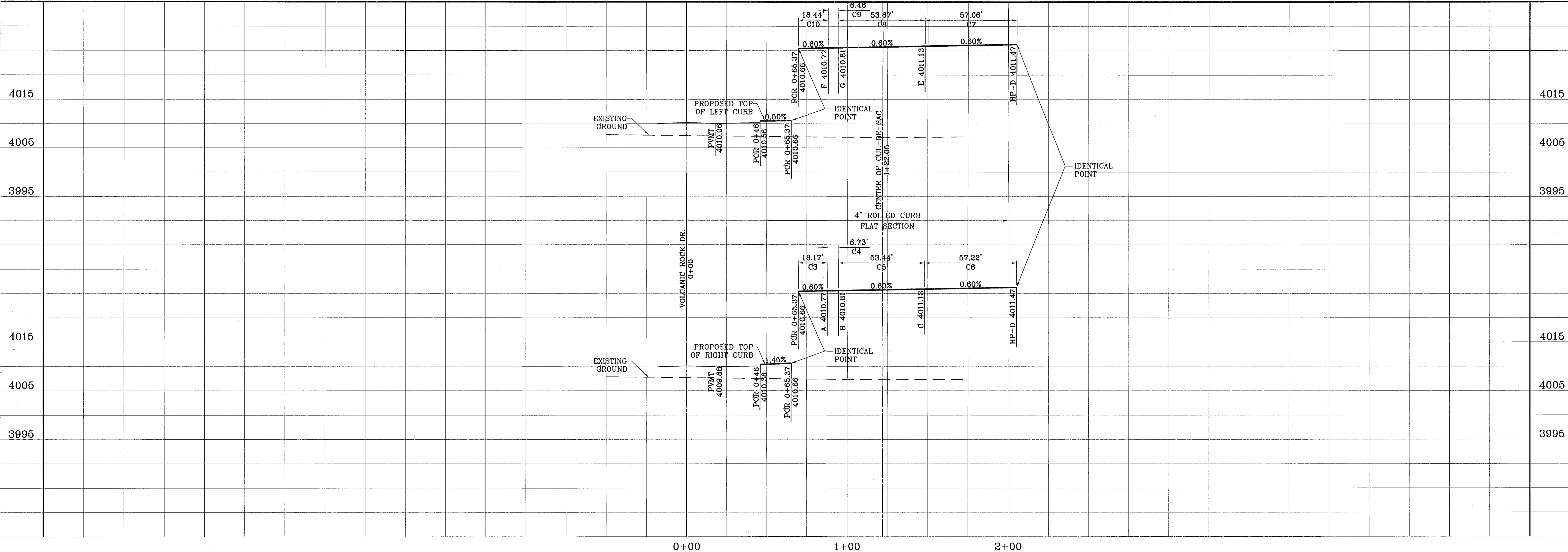


SHEET TITLE  
**STREET  
 PLAN-PROFILE**  
**TAG ROCK PL.**





CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	28.00	43.98	28.00	39.60	S45°01'25"E	90°00'00"
C2	28.00	43.98	28.00	39.60	N44°58'35"E	90°00'00"
C3	28.00	18.17	9.42	17.85	S18°33'44"W	37°10'18"
C4	28.00	6.73	3.38	6.71	S44°01'55"W	13°46'05"
C5	45.00	53.44	30.38	50.38	N16°53'40"E	68°02'36"
C6	45.00	57.22	33.21	53.44	N53°33'18"W	72°51'19"
C7	45.00	57.06	33.09	53.31	S53°41'29"W	72°39'08"
C8	45.00	53.67	30.54	50.54	S16°47'57"E	68°19'43"
C9	28.00	6.46	3.24	6.44	N44°21'20"W	13°12'58"
C10	28.00	18.44	9.57	18.10	N18°53'08"W	37°43'25"



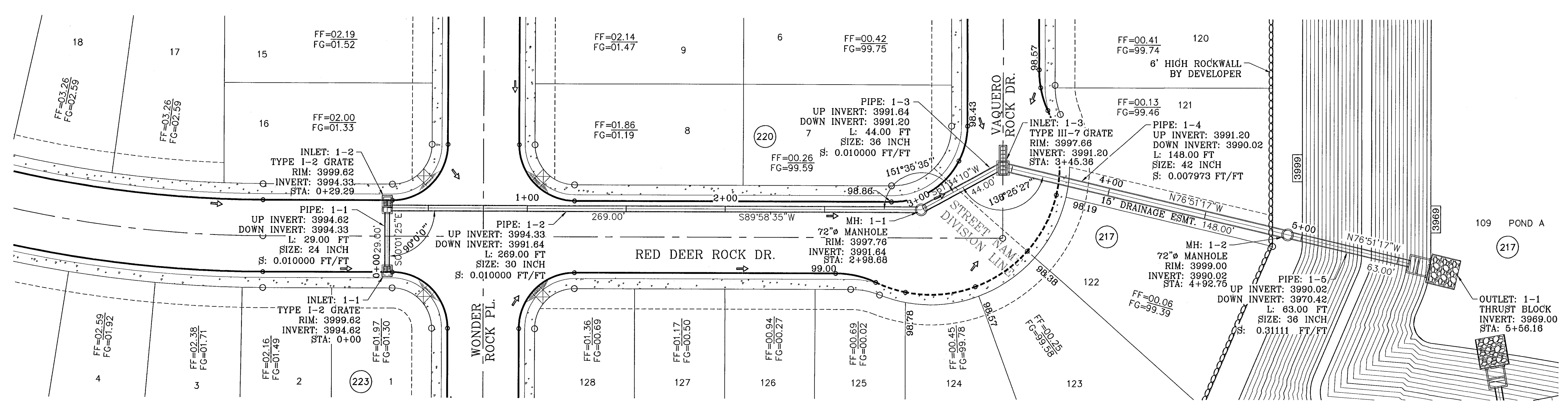
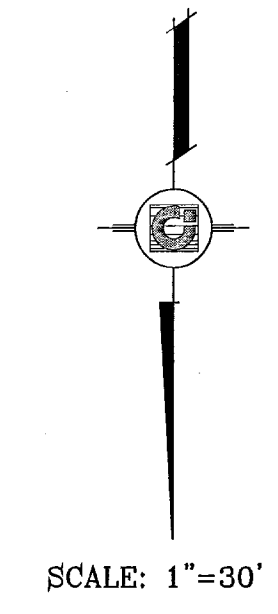
DATE	REVISIONS

**TERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2 TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.561 ACRES.

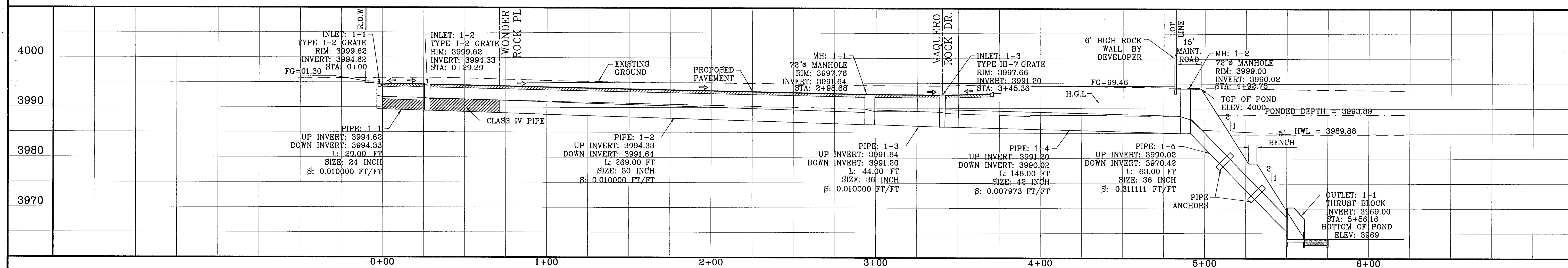
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1790 LEB TREVINO DR. STE 400  
 EL PASO, TEXAS 79936

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

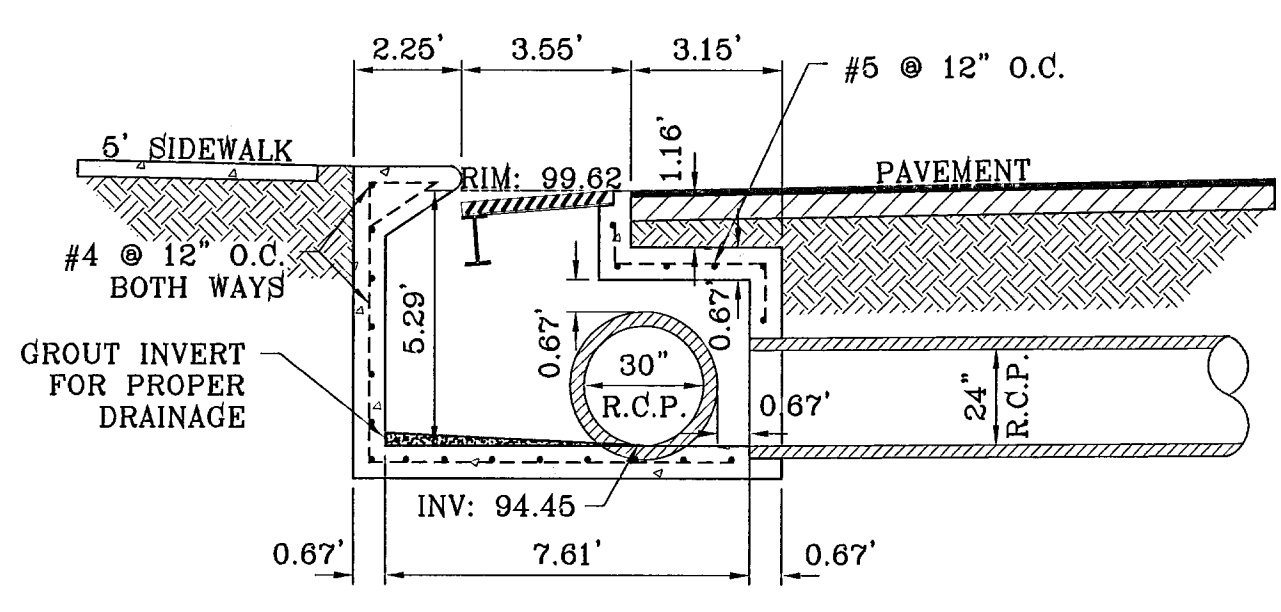
SHEET TITLE  
**STREET PLAN - PROFILE**  
**TEJA ROCK PL.**  
 SHT 51 OF 62



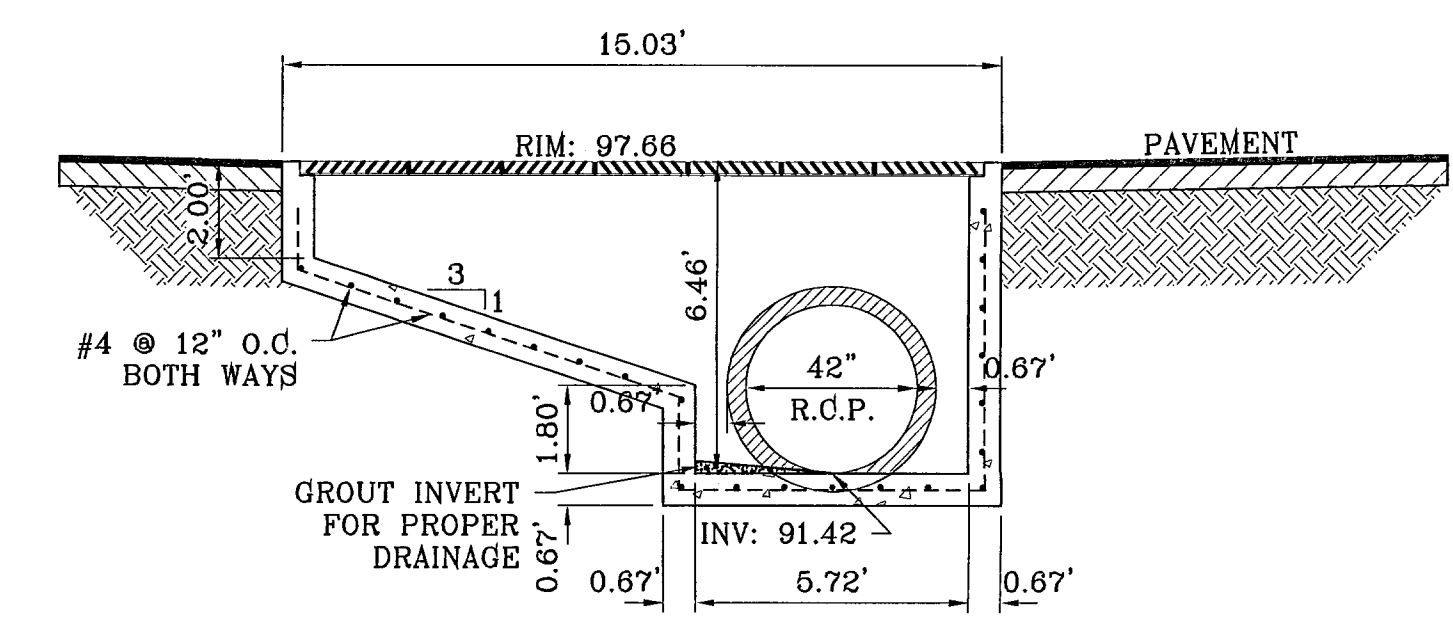
STRUCTURE 1-PLAN VIEW  
SCALE: 1"=30'



STRUCTURE 1-PROFILE  
SCALE: 1"=10'



INLET 1-2  
SCALE: 1"=4'



INLET 1-3  
SCALE: 1"=4'

R.C.P. PIPE DATA

PIPE	SECTION	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
1-1	24	29.00	0.010000	17.41	22.62	5.54	3999.62	3996.90	3994.33	3999.62	3997.07	3994.62
1-2	30	269.00	0.010000	34.82	41.01	7.19	3997.76	3994.79	3991.64	3999.62	3996.67	3994.33
1-3	36	44.00	0.010000	34.82	66.69	6.09	3997.66	3994.24	3991.20	3997.76	3994.29	3991.64
1-4	42	148.00	0.007973	80.78	89.83	9.13	3999.00	3993.40	3990.02	3997.66	3994.01	3991.20
1-5	36	63.00	0.311111	80.78	372.01	11.63	4001.00	3989.88	3970.42	3999.00	3992.80	3990.02

INLET DATA

INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
1-1	I	2	17.41	21.84
1-2	I	2	17.41	21.84
1-3	III	7	45.96	64.04

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

CONSTRUCTION NOTES:

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

BENCHMARKS  
NGS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 1118" PID "C00141"  
ELEVATION: 3967.12

REVISIONS  
DATE  
BY  
12-06-07 CITY REDLINES AS PER 11-19-07 COMMENTS O.M.  
04-23-08 CITY REDLINES AS PER 04-16-08 COMMENTS O.M.

PROJECT NAME  
**TERRA DEL ESTE UNIT FIFTY SIX**

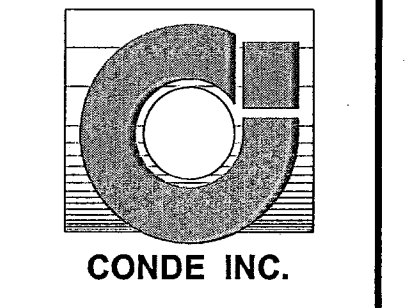
BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 78  
TOWNSHIP 2, RANGE 10, COUNTY OF PASO, TEXAS.  
CITY OF EL PASO, EL PASO COUNTY, TEXAS.  
CONTAINING 78.651 ACRES

SCALE  
Horiz: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
CHECKED BY: O.M.  
JOB NO.: 207-53

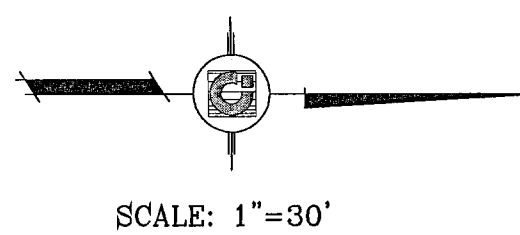
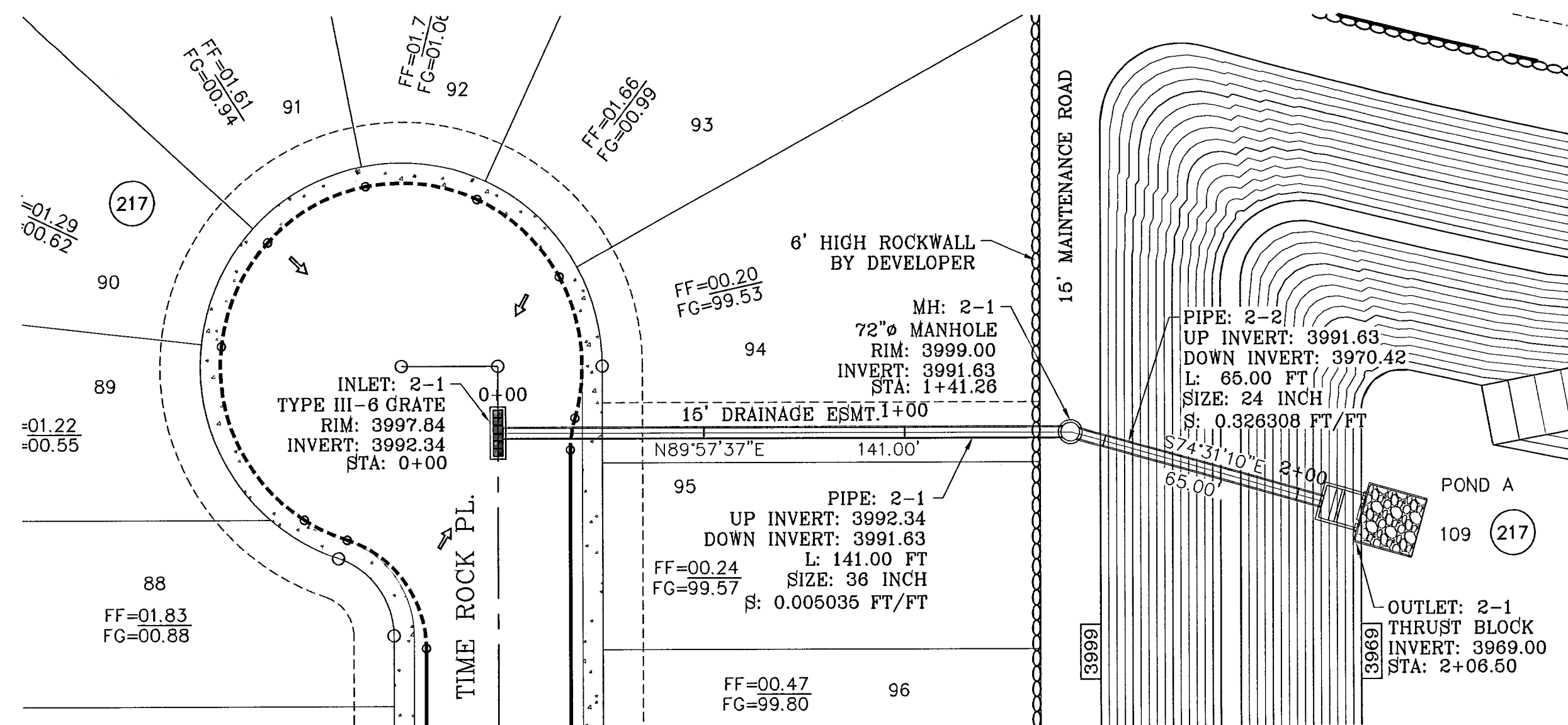
ENGINEER'S SEAL  
YVONNE CONDE CURRY  
REGISTERED PROFESSIONAL ENGINEER  
NO. 16448  
STATE OF TEXAS

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1790 LEE TREVINO DR. SITE 400  
EL PASO, TEXAS 79926



SHEET TITLE  
**DRAINAGE STRUCTURE 1**

103109  
SHT 52 OF 62  
TERRA DEL ESTE UNIT FIFTY SIX



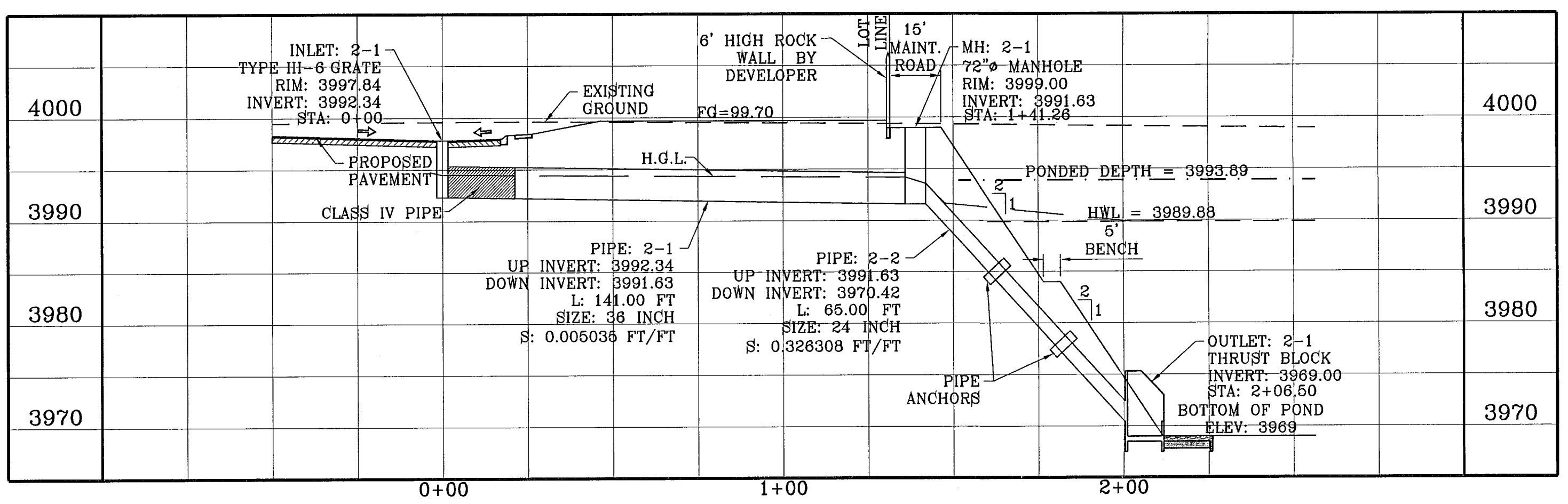
STRUCTURE 2-PLAN VIEW  
SCALE: 1"=10'

R.C.P. PIPE DATA

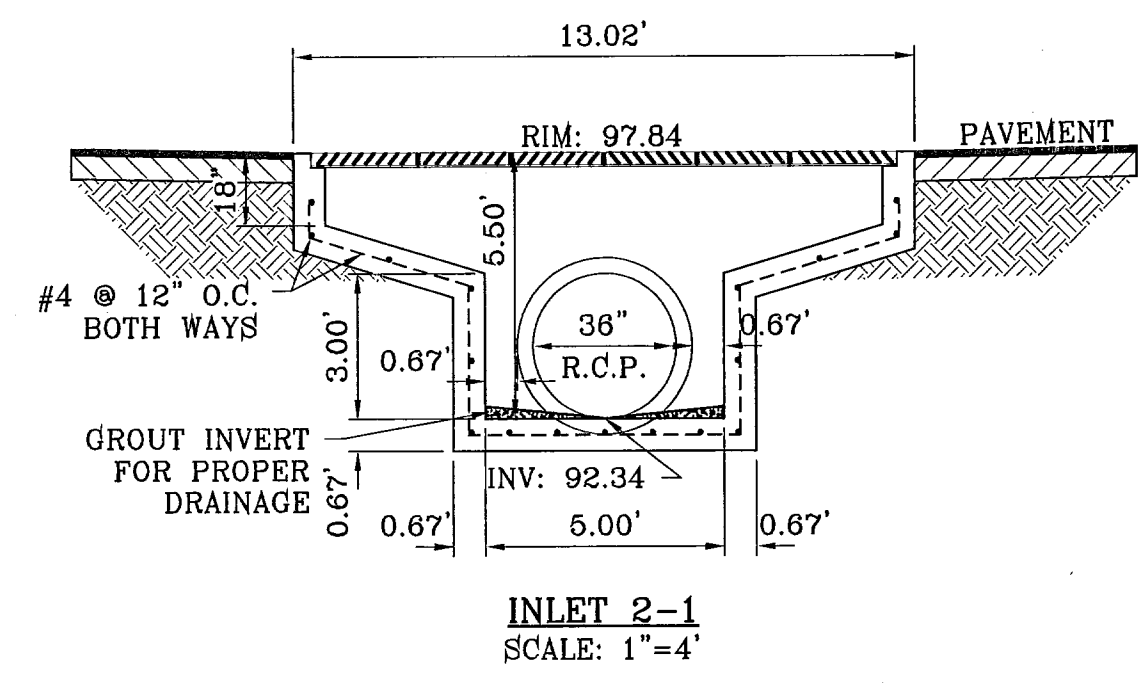
PIPE	SECTION SIZE (in)	LENGTH (ft)	CONSTRUCTED SLOPE (ft/ft)	DISCHARGE (cfs)	CAPACITY (cfs)	AVERAGE VELOCITY (fps)	DOWN STREAM GROUND	DOWN STREAM HGL	DOWN STREAM INVERT	UPSTREAM GROUND	UPSTREAM HGL	UPSTREAM INVERT
2-1	36	141.00	0.005035	39.61	47.33	6.70	3999.00	3994.18	3991.63	3997.84	3994.51	3992.34
2-2	24	65.00	0.326308	39.61	129.22	12.65	3999.00	3989.88	3970.42	3999.00	3993.58	3991.63

INLET DATA

INLET No.	INLET TYPE	No. GRATES	Qd cfs	Qc cfs
2-1	III	6	39.61	43.92



STRUCTURE 2-PROFILE  
SCALE: 1"=10'



INLET 2-1  
SCALE: 1"=4'

- CONSTRUCTION NOTES:**
1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
  2. MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
  3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
  4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A616 GRADE 60.

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

BENCHMARKS  
NGS MARKER: COPPER-GLAZED STEEL ROD  
DESIGNATED: X 1118" PID "0014"  
ELEVATION: 3987.12

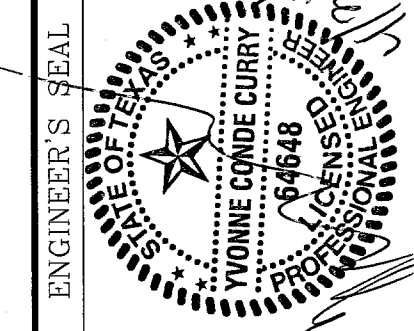
REVISIONS  
DATE: 12-06-07  
BY: J.C.  
REASON: CITY BEDLINES AS PER 01-19-07 COMMENTS  
DATE: 04-25-08  
BY: J.C.  
REASON: CITY BEDLINES AS PER 04-19-08 COMMENTS

PROJECT NAME  
**TERRA DEL ESTE  
UNIT FIFTY SIX**

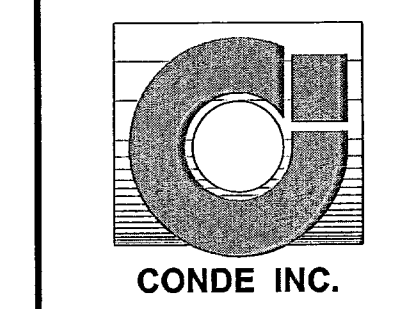
BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 76,  
DEPARTMENT OF TRANSPORTATION SURVEYS,  
TOWNSHIP CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.855 ACRES

SCALE  
Horiz: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: J.C.  
INITIATED BY: O.M.  
CHKD. BY: J.C.  
JOB NO.: 207-63

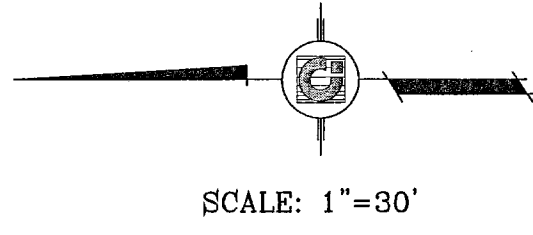
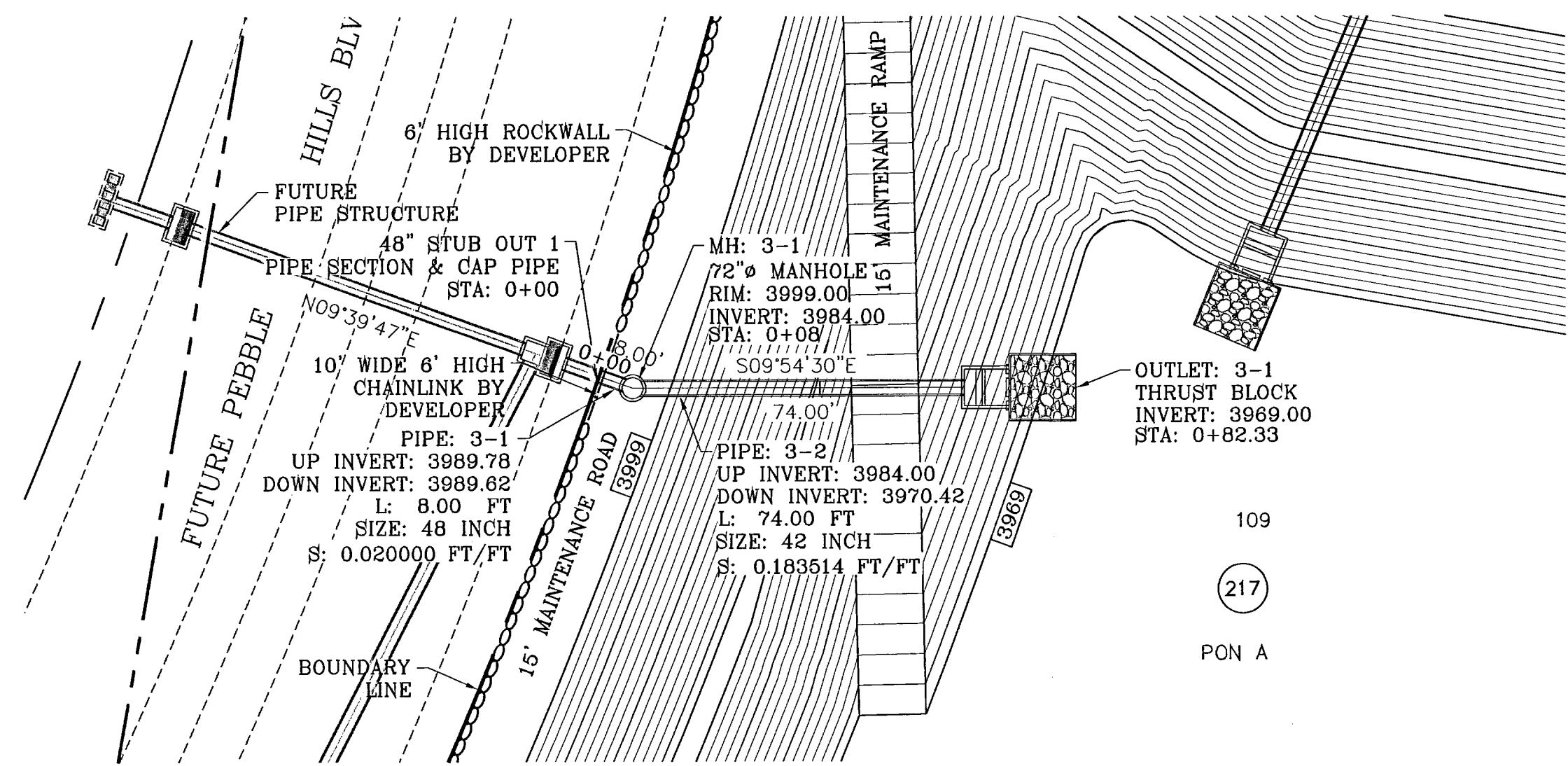


**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1790 LEB REEVING DR. SUITE 400  
EL PASO, TEXAS 79936



SHEET TITLE  
**DRAINAGE  
STRUCTURE 2**

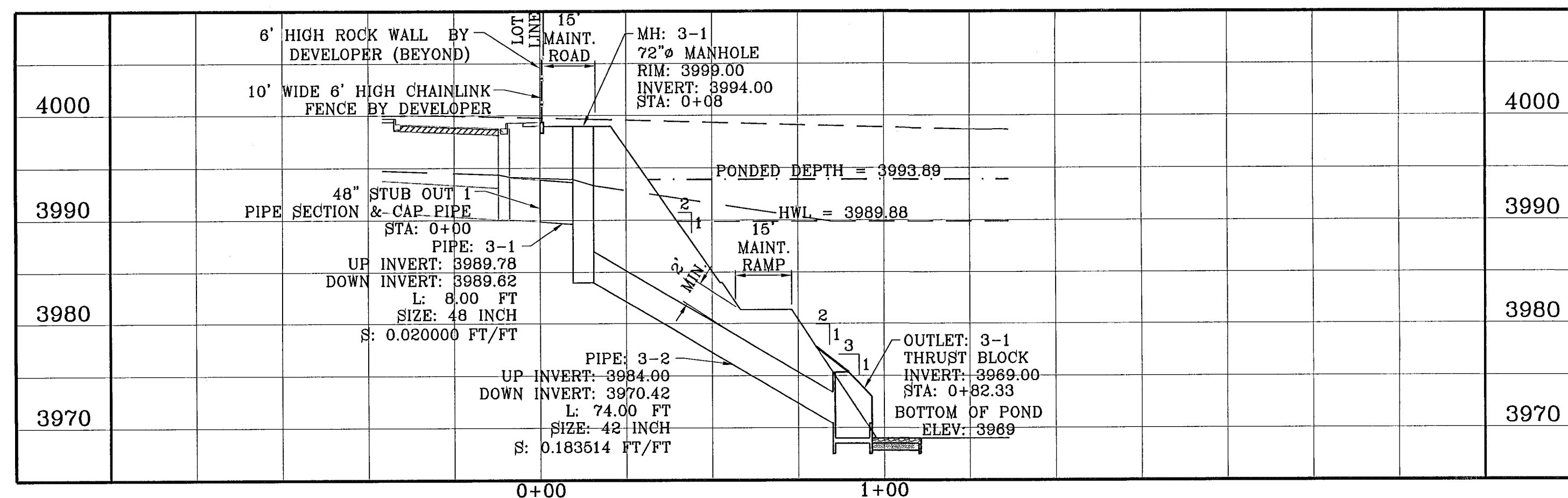
103109  
TIERRA DEL ESTE UNIT FIFTY SIX



STRUCTURE 3-PLAN VIEW  
SCALE: 1"=10'

R.C.P. PIPE DATA

PIPE	SECTION SIZE (in)	LENGTH (ft)	CONSTRUCTED SLOPE (ft/ft)	DISCHARGE (cfs)	CAPACITY (cfs)	AVERAGE VELOCITY (fps)	DOWN STREAM GROUND	DOWN STREAM HGL	DOWN STREAM INVERT	UPSTREAM GROUND	UPSTREAM HGL	UPSTREAM INVERT
3-1	48	8.00	0.020000	143.62	203.13	13.07	3999.00	3991.99	3989.62	3989.79	3993.62	3989.78
3-2	42	74.00	0.183514	143.62	430.97	14.93	3999.00	3989.88	3970.42	3999.00	3991.39	3984.00

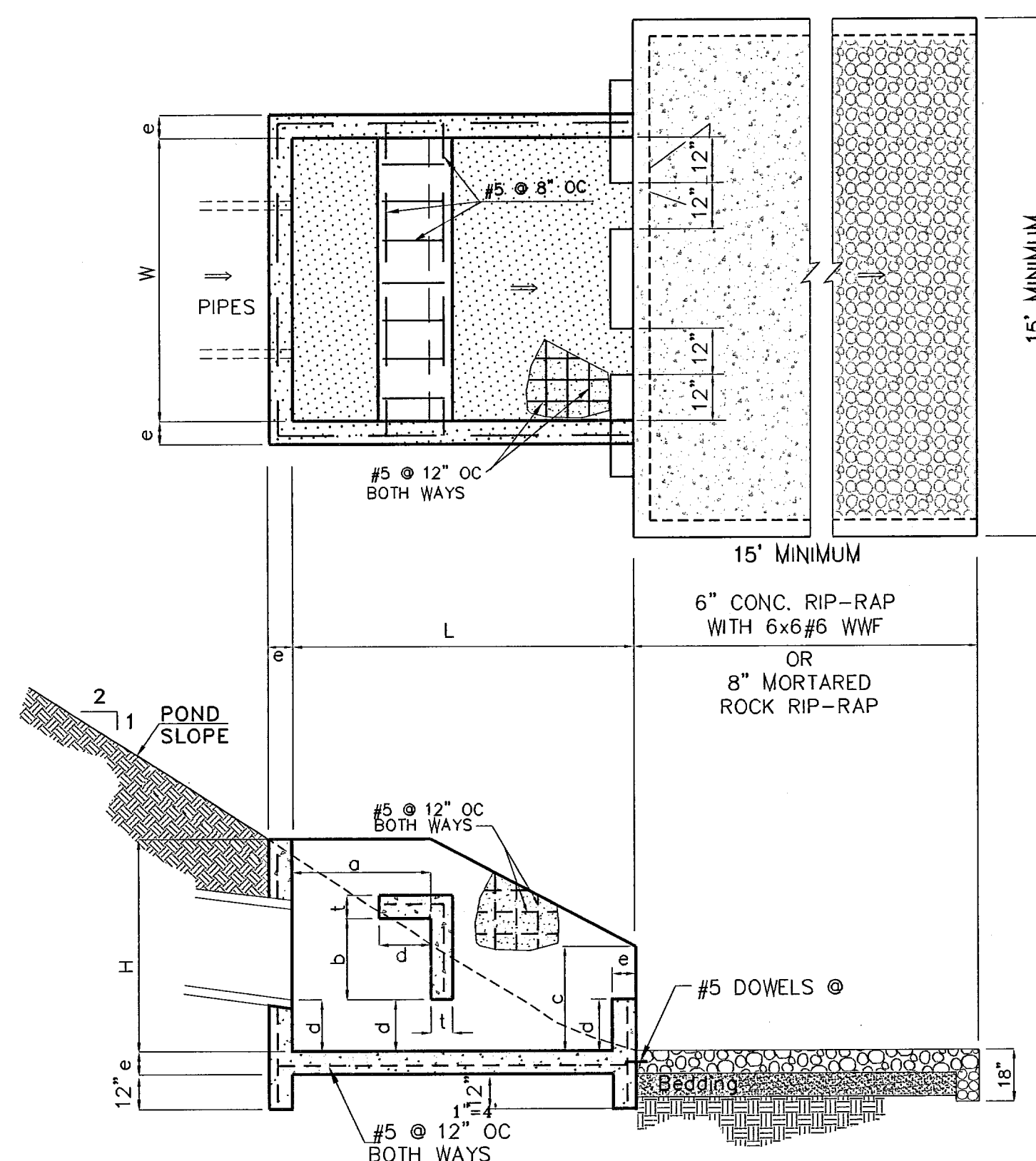


STRUCTURE 3-PROFILE  
SCALE: 1"=10'

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

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

Pipe ø	H	L	a	b	c	d	e	t	W
24" RCP	6'2"	10'0"	4'0"	3'0"	4'0"	1'5"	8"	8"	8'2"
36" RCP	6'2"	10'0"	4'0"	3'0"	4'0"	1'5"	8"	8"	8'2"



THRUST BLOCK DETAILS

BENCHMARKS  
NGS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 1118" PID "CD044"  
ELEVATION: 3987.12

REVISIONS  
DATE  
12-06-07 CITY REDLINES AS PER 11-19-07 COMMENTS O.M.  
04-23-08 CITY REDLINES AS PER 04-18-08 COMMENTS O.M.  
05-12-08 CITY REDLINES AS PER 05-08-08 COMMENTS O.M.

PROJECT NAME  
**TERRA DEL ESTE  
UNIT FIFTY SIX**

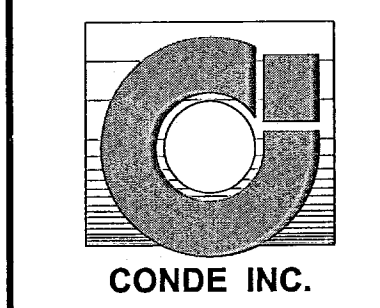
BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS,  
CONTAINING 79.551 ACRES

SCALE  
Horiz: 1"=30'  
Vert: 1"=10'

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 2007-53

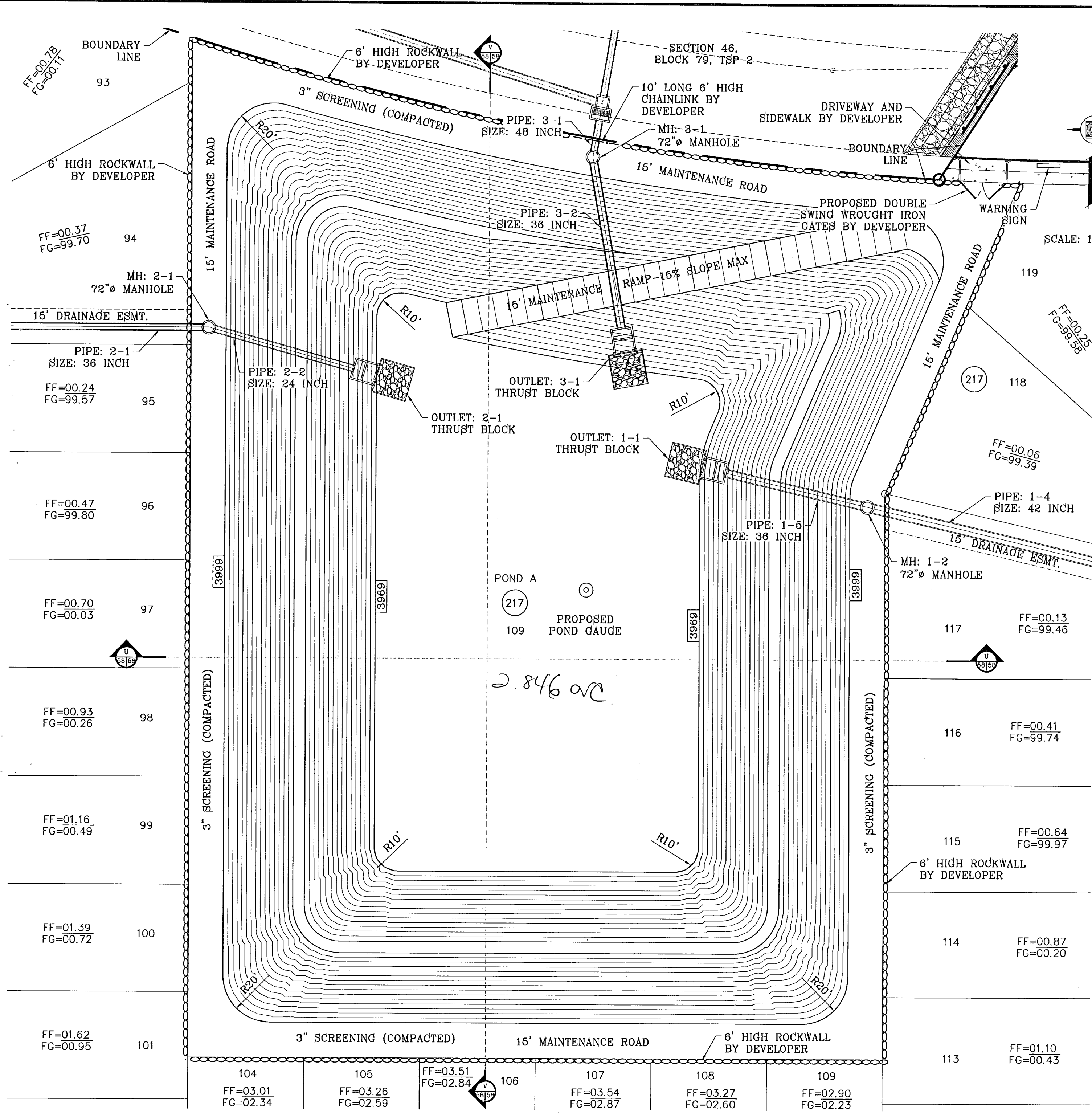


**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / OPE  
1790 LEB FREVINO DR. STE 400  
EL PASO, TEXAS 79906



SHEET TITLE

**DRAINAGE  
STRUCTURE 3**



ELEVATION FT	CONIC VOL. AC-FT	VOLUME CAP. AC-FT
3999.00	2.30	43.91
3998.00	2.24	41.60
3997.00	2.18	39.37
3996.00	2.12	37.19
3995.00	2.08	35.08
3994.00	2.00	33.02
3993.00	1.94	31.02
3992.00	1.88	29.09
3991.00	1.82	27.20
3990.00	1.77	25.38
3989.00	1.71	23.61
3988.00	1.66	21.90
3987.00	1.61	20.24
3986.00	1.56	18.63
3985.00	1.51	17.07
3984.00	1.40	16.57
3983.00	1.30	14.16
3982.00	1.26	12.86
3981.00	1.21	11.60
3980.00	1.16	10.40
3979.00	1.11	9.23
3978.00	1.07	8.12
3977.00	1.03	7.05
3976.00	0.98	6.02
3975.00	0.94	5.04
3974.00	0.90	4.10
3973.00	0.86	3.20
3972.00	0.82	2.34
3971.00	0.78	1.52
3970.00	0.74	0.74
3969.00	0.00	0.00

**WATERSHED - POND**

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

POND CALC.

$Q = \text{ARC}/12$

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

R=RAINFALL IN INCHES

C=RUNOFF FACTOR (WEIGHTED)

RESIDENTIAL =  $\frac{69.57(4).58}{12} = 13.45 \text{ ac-ft}$

FUT. COMM. =  $\frac{19.17(4).85}{12} = 5.43 \text{ ac-ft}$

FUT. COMM. 2 =  $\frac{22.20(4).85}{12} = 6.29 \text{ ac-ft}$

25% EMERG. = 6.29 ac-ft

SILT & DEBIRS = 1.33 ac-ft

Qreq (TOTAL) = 32.79

Qcap (TOTAL) = 41.60

100 YR HW ELEV = 3989.88

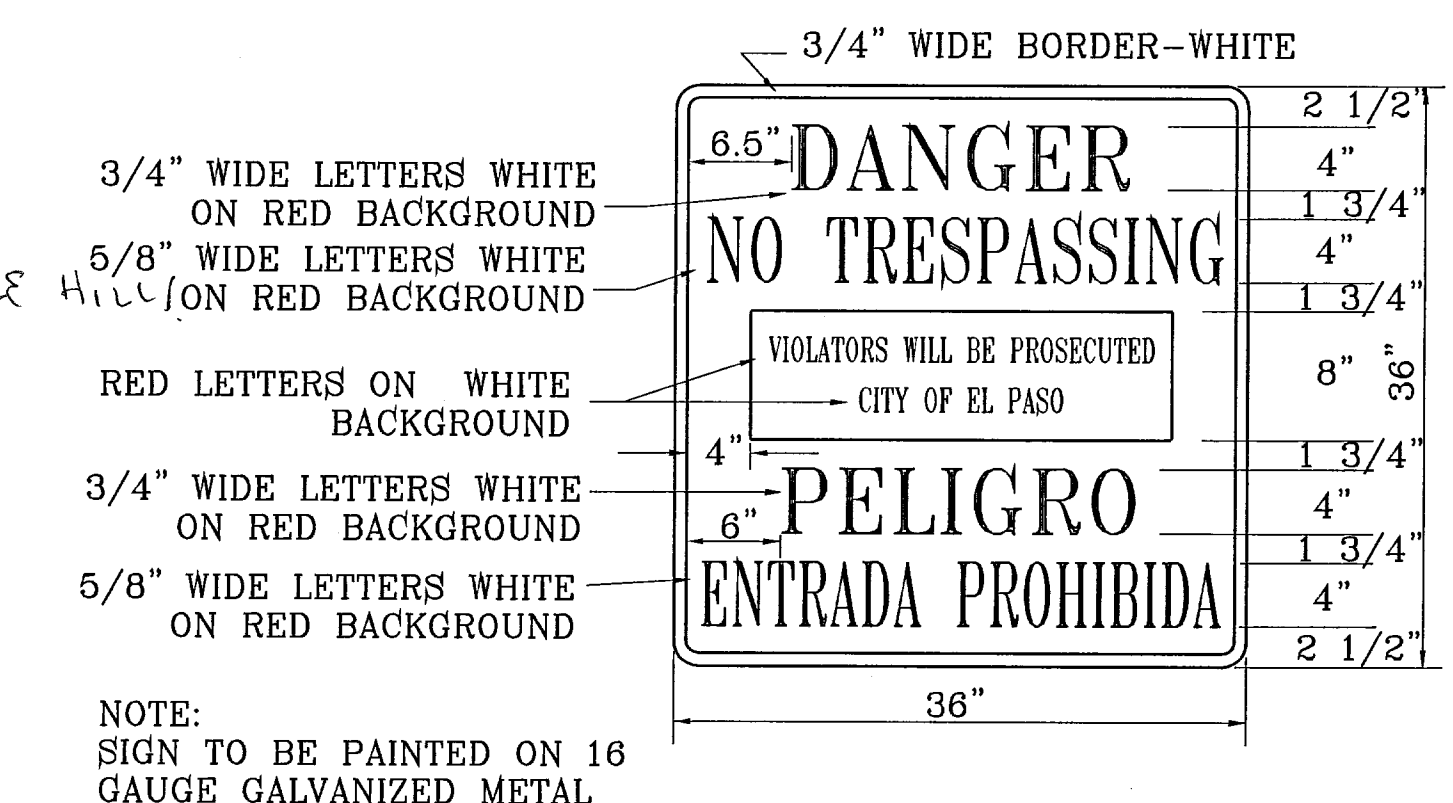
100 YR PONDED DEPTH = 3993.89

**WEIGHTED C FACTOR**

(LOTS ≤ 6,000 S.F.)  $\frac{74}{368} = 0.20$   $0.20(0.5) = 0.10$

(TOTAL LOTS)  $\frac{368}{368} = 0.20$   $0.80(0.6) = 0.48$

**0.58**



**WARNING SIGN DETAIL**

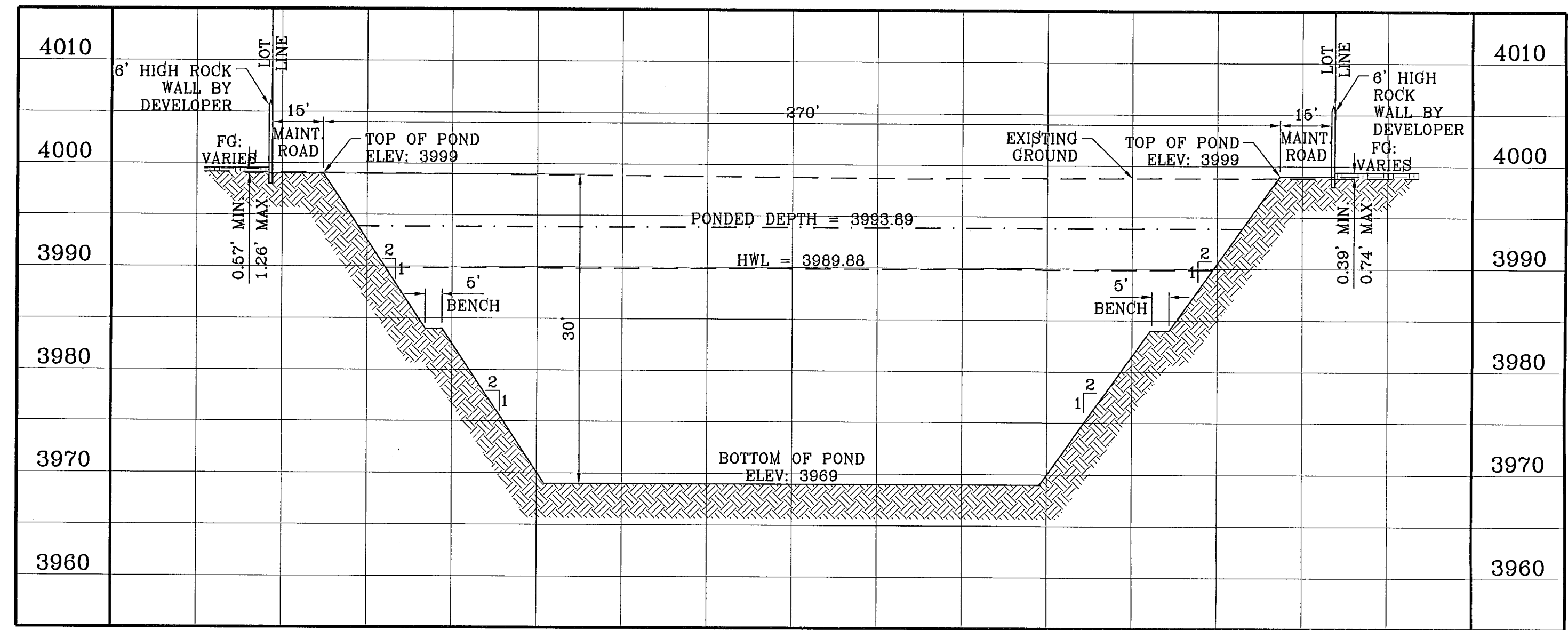
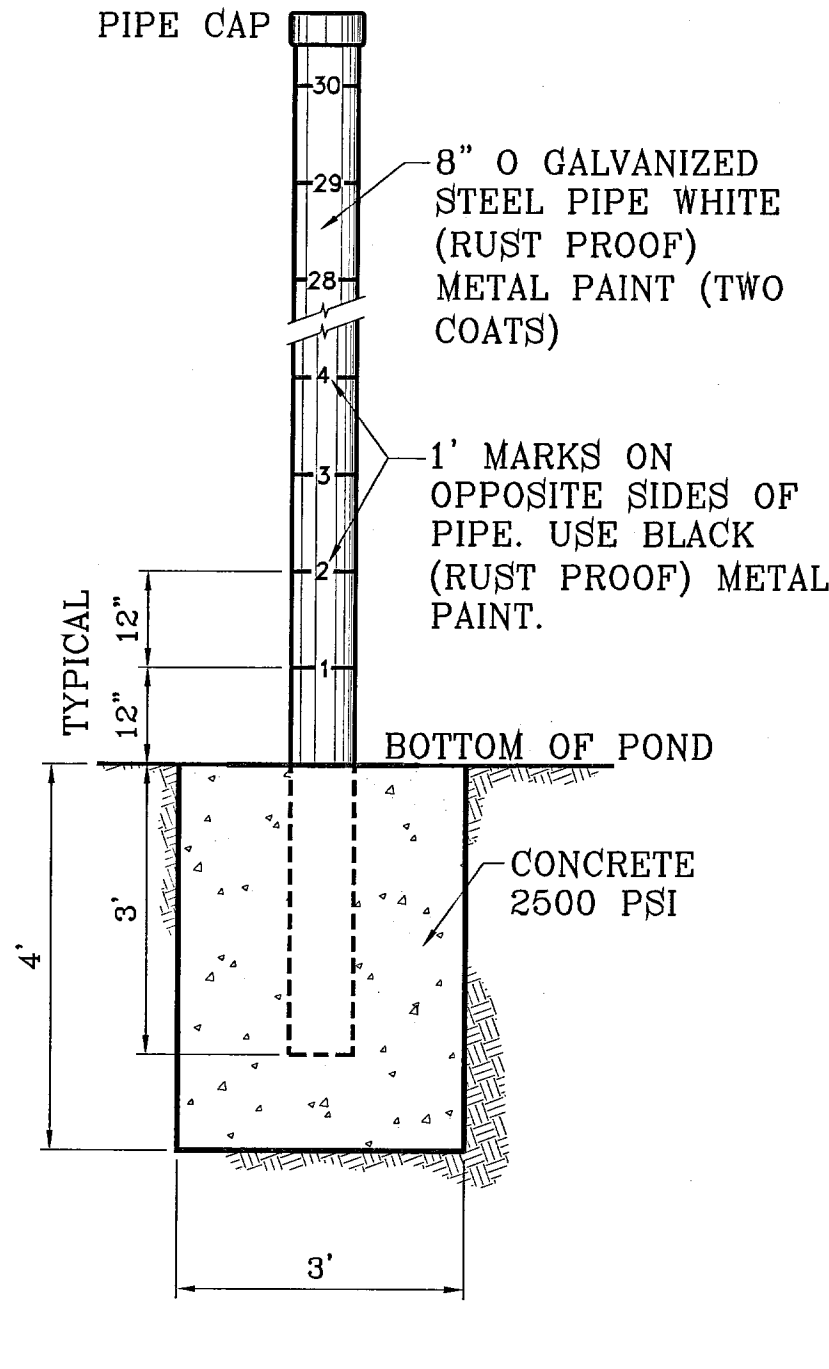
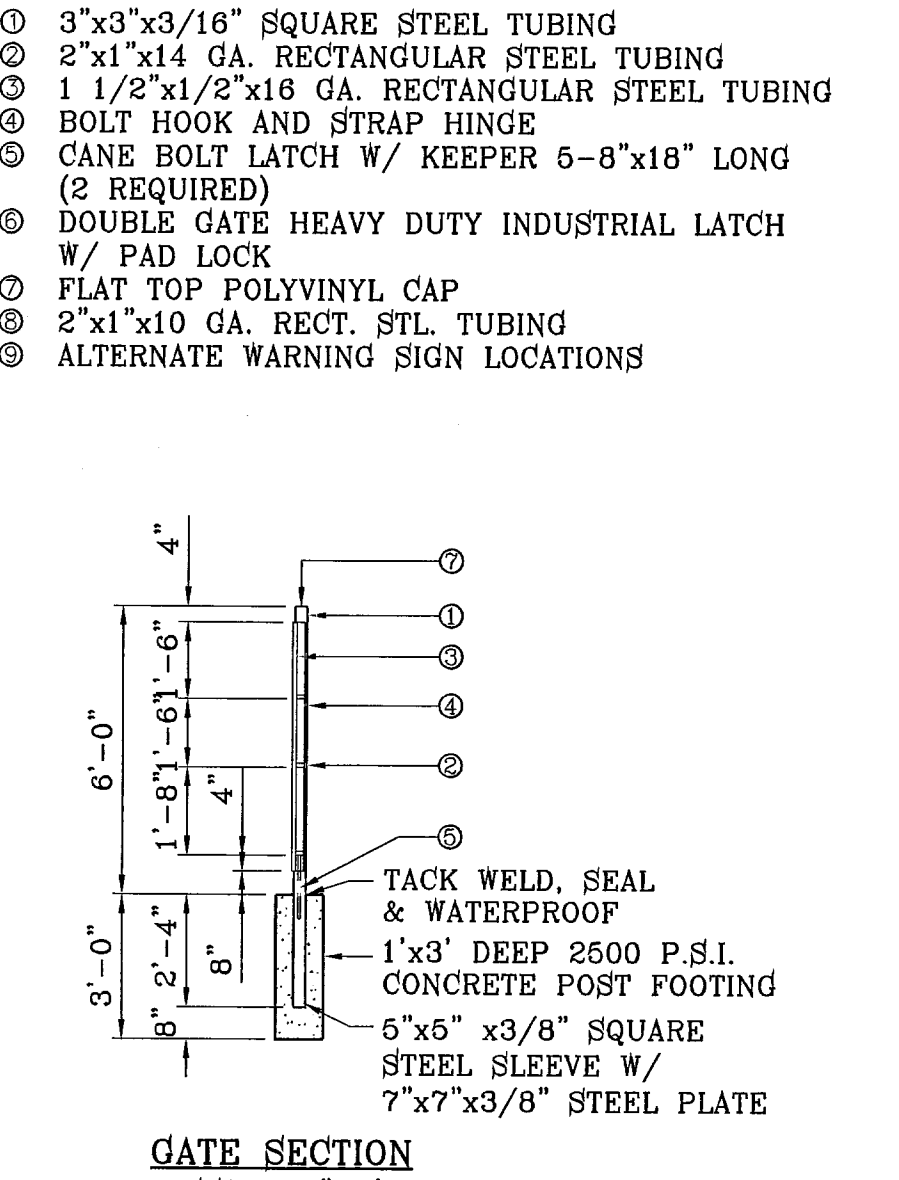
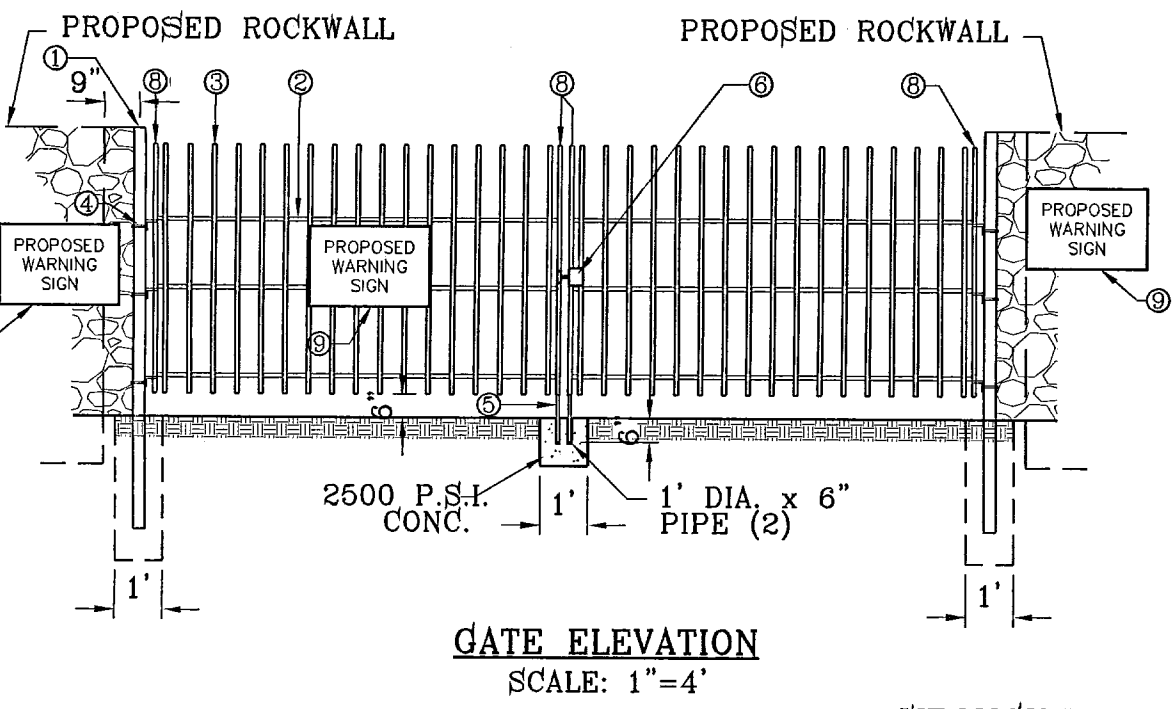
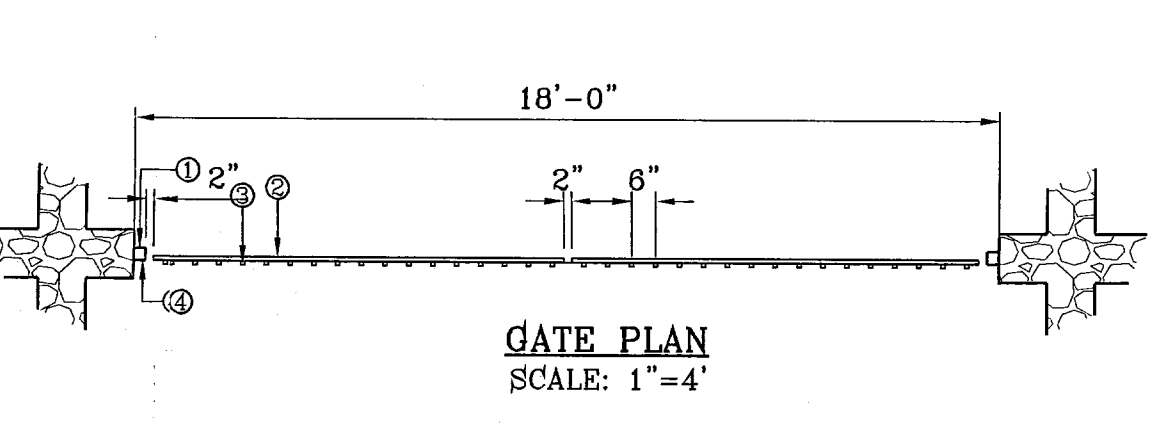
SCALE: 1"=1'

**LEGEND**

— APPROXIMATE WARNING SIGN LOCATION

○ PROPOSED ROCK WALL

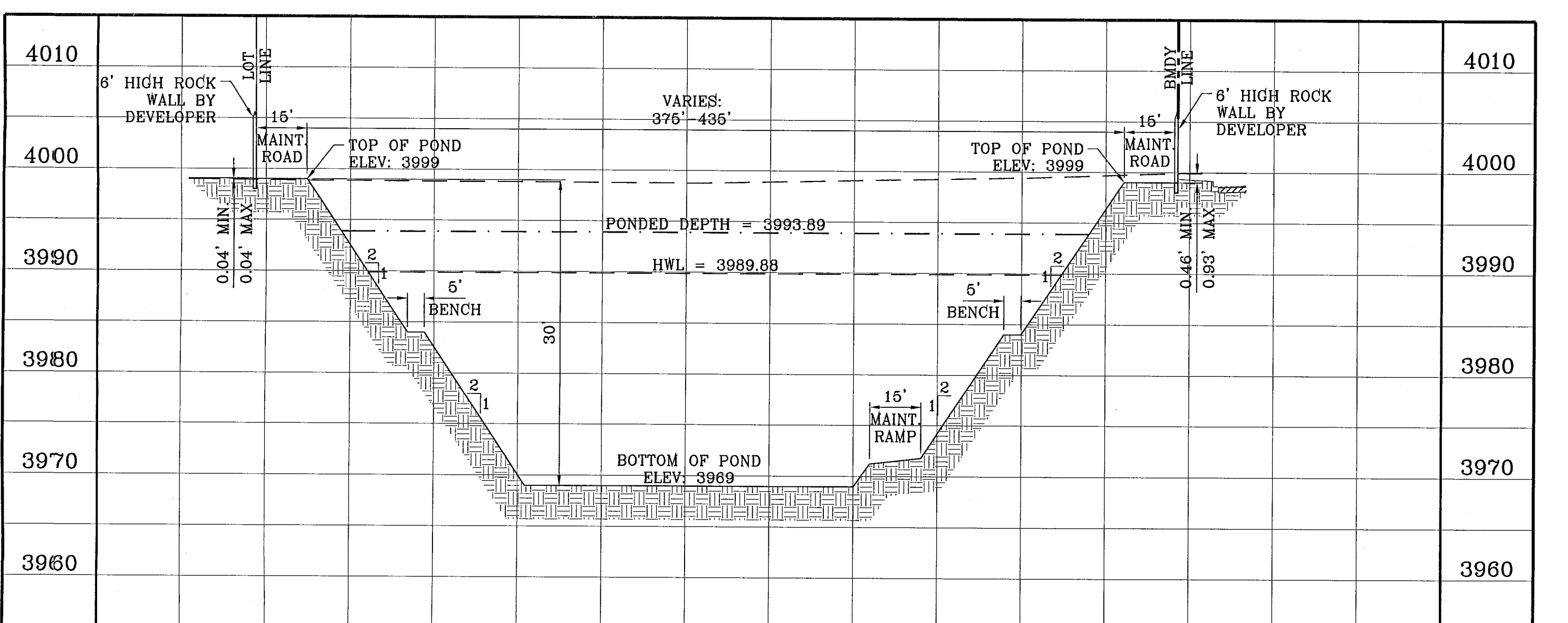
○ PROPOSED RETAINING WALL



**SECTION U**

SCALE: 1"=30' HOR.

SCALE: 1"=10' VERT.



**SECTION V**

SCALE: 1"=30' HOR.

SCALE: 1"=10' VERT.

**103109**

TIERRA DEL ESTE UNIT FIFTY SIX

REVISIONS

DATE

BY

12-06-07 CITY REVISIONS AS PER 11-19-07 COMMENTS O.M.

04-23-08 CITY REVISIONS AS PER 04-15-08 COMMENTS O.M.

PROJECT NAME

TIERRA DEL ESTE UNIT FIFTY SIX

BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 76.551 ACRES

ENGINEER'S SEAL

DATE: MAY 2007

DESIGN BY: Y.G.

INITIATED BY: O.M.

CHKD. BY: Y.G.

JOB NO.: 207-50

SCALE

Horiz: 1"=30'

Vert: 1"=10'

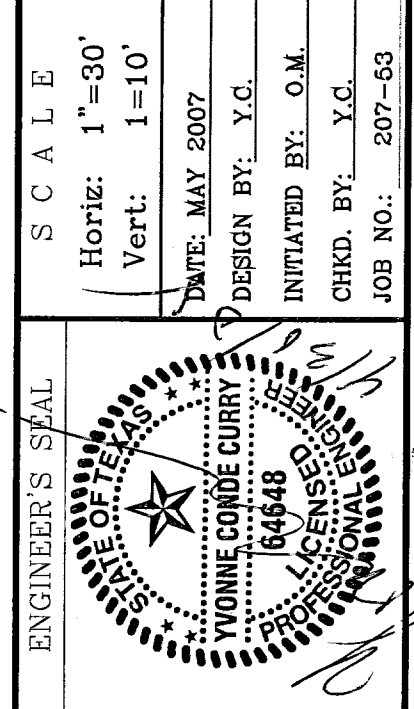
DATE: MAY 2007

DESIGN BY: Y.G.

INITIATED BY: O.M.

CHKD. BY: Y.G.

JOB NO.: 207-50



**CONDE INC.**

ENGINEERING / PLANNING SURVEYING / GPS

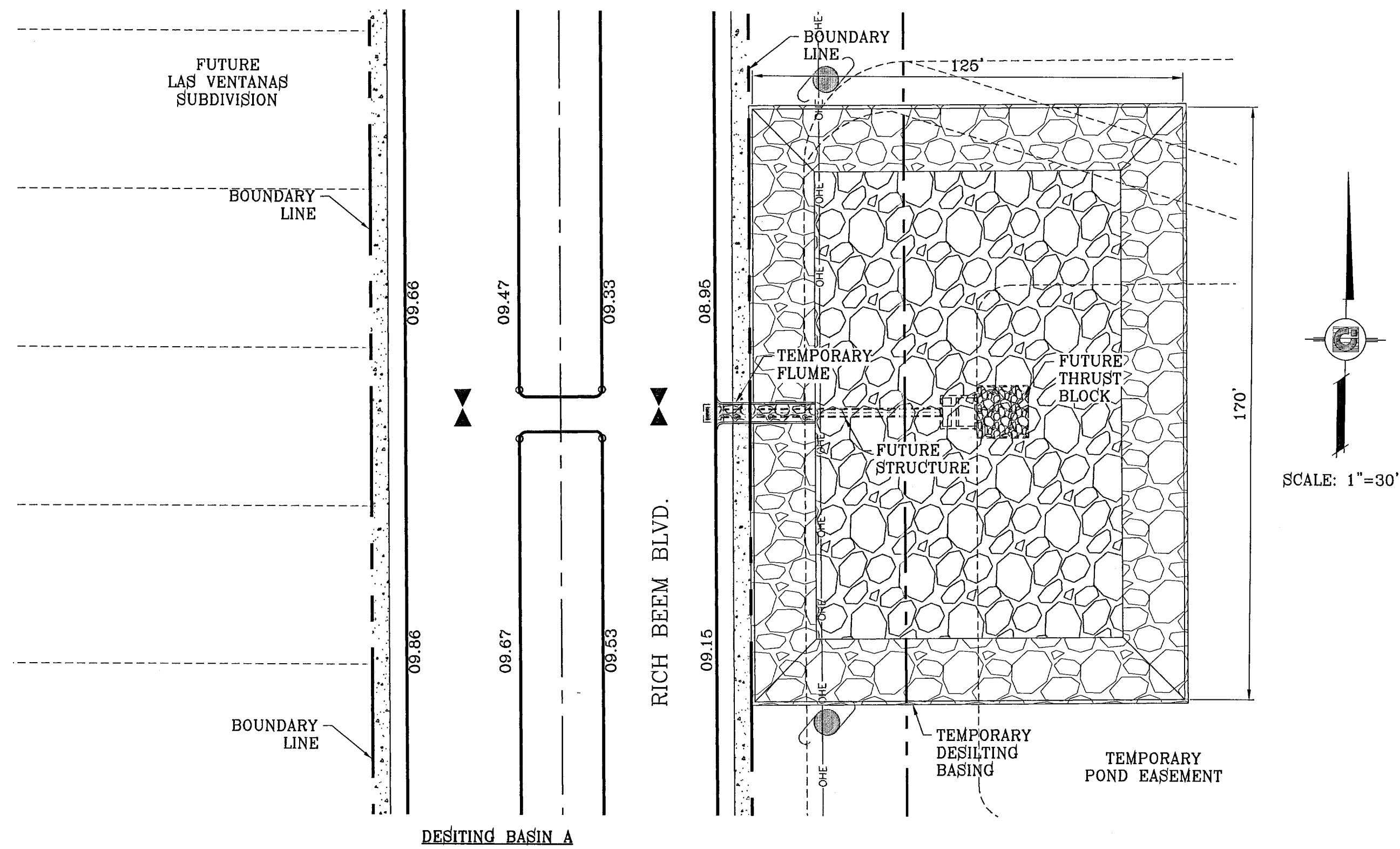
1790 LEB DRIVING DR. SFE 400 EL PASO, TEXAS 79956

**CONDE INC.**

SHEET TITLE

**POND A SECTIONS**

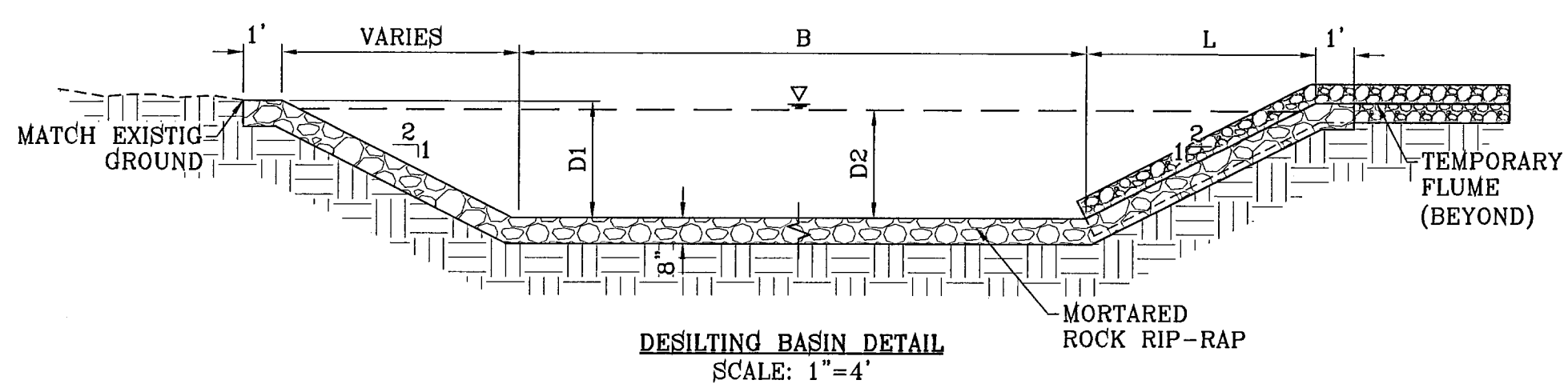
SHT 55 OF 62



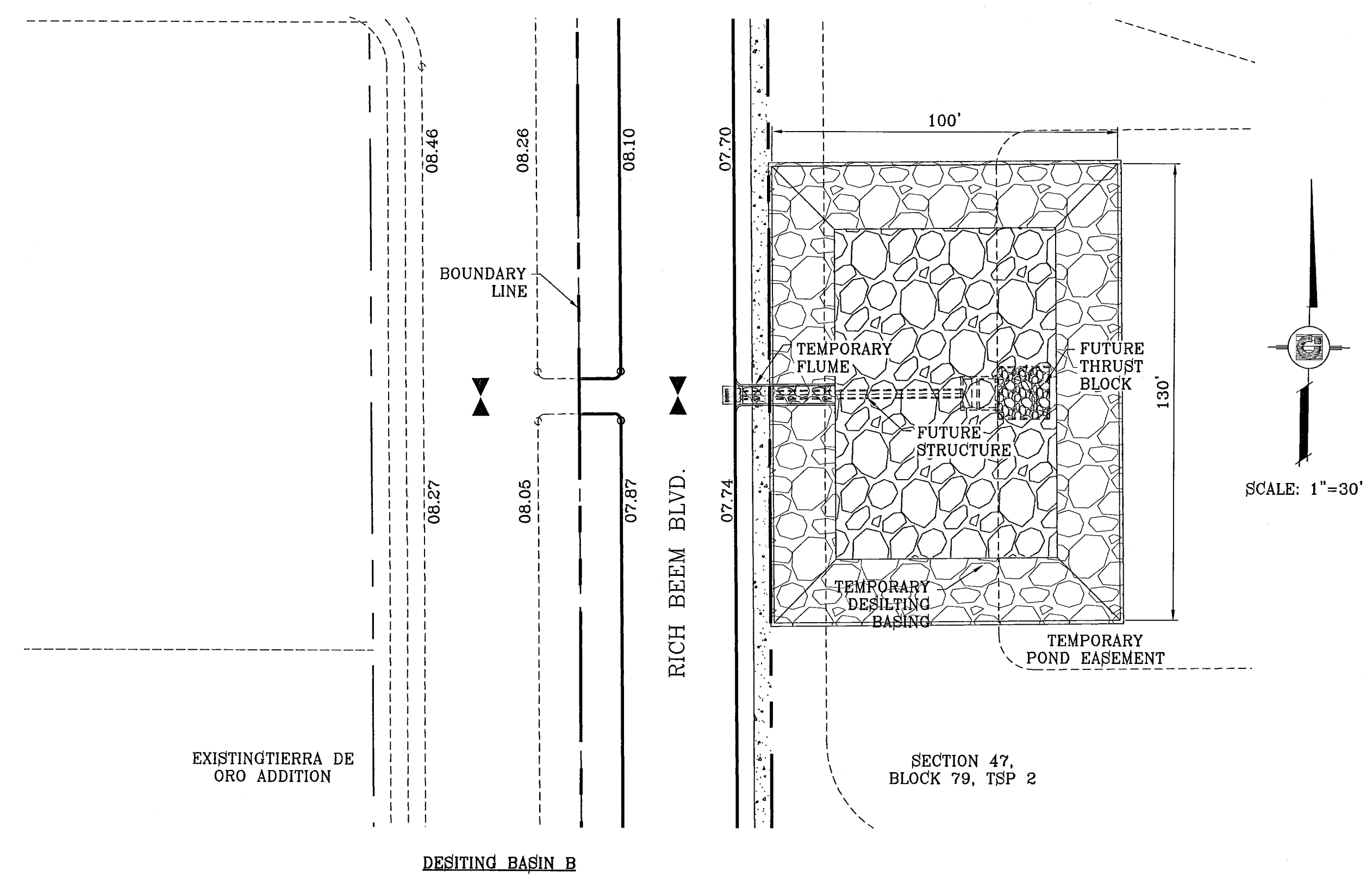
RESIDENTIAL	=	$\frac{3.47(3.5).90}{12}$	=	0.91 ac-ft
EXISTING	=	$\frac{24.93(3.5).33}{12}$	=	2.40 ac-ft
Qreq (TOTAL)	=	3.31		
Qcap (TOTAL)	=	3.38		
100 YR HW ELEV	=	4007.85		

DESITING BASIN A CAPACITY

ELEVATION FT	CONIC VOL. AC-FT	VOLUME CAP. AC-FT
4008	0.47	3.38
4007	0.45	2.91
4006	0.42	2.46
4005	0.40	2.04
4004	0.37	1.64
4003	0.35	1.27
4002	0.33	0.92
4001	0.31	0.59
4000	0.28	0.28
3999	0.00	0.00



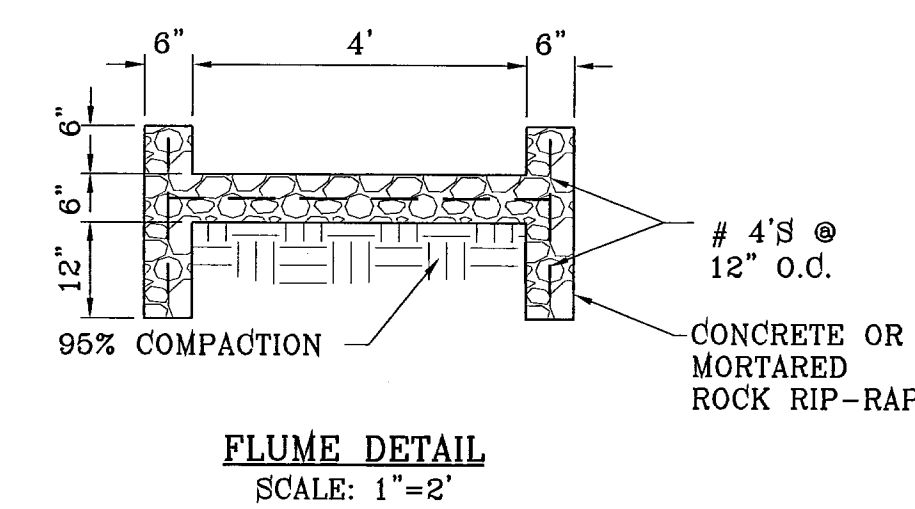
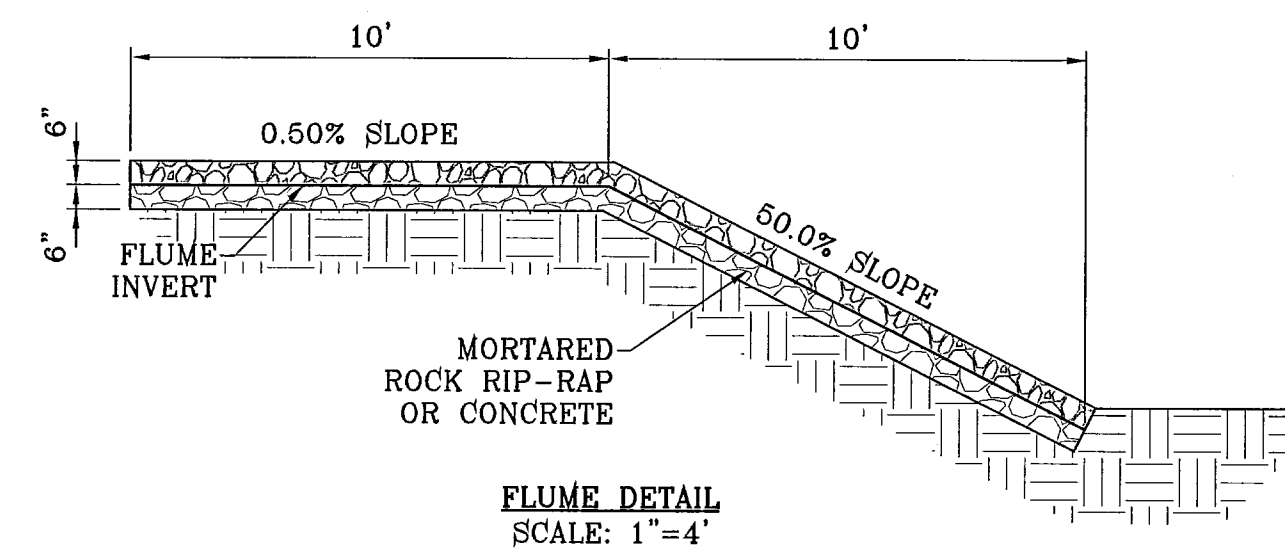
BASIN	D1	D2	B	L
A	9'	4007.85	170' X 125'	18'
B	9'	4006.07	130' X 100'	18'



RESIDENTIAL	=	$\frac{2.9(3.5).90}{12}$	=	0.76 ac-ft
EXISTING	=	$\frac{9.22(3.5).33}{12}$	=	0.89 ac-ft
Qreq (TOTAL)	=	1.65		
Qcap (TOTAL)	=	1.92		
100 YR HW ELEV	=	4008.07		

DESITING BASIN B CAPACITY

ELEVATION FT	CONIC VOL. AC-FT	VOLUME CAP. AC-FT
4007	0.29	1.92
4006	0.27	1.63
4005	0.25	1.36
4004	0.23	1.12
4003	0.21	0.89
4002	0.19	0.68
4001	0.18	0.48
4000	0.16	0.31
3999	0.15	0.15
3998	0.00	0.00



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

**TIERRA DEL ESTE UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEY, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES.

DATE: 12-06-07  
BY: [Signature]  
CHECKED BY: Y.C.  
JOB NO.: 207-63

SCALE: 1"=30'  
Horiz: 1"=30'  
Vert: 1"=30'

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-63

ENGINEER'S SEAL  
STATE OF TEXAS  
VIVIAN CONDE CURTIS  
0444  
REGISTERED PROFESSIONAL ENGINEER  
NO. 10444

BENCHMARKS  
NGS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 1118' PD 'CE014'  
ELEVATION: 3987.12

REVISIONS  
12-06-07 CITY REDLINES AS PER 11-19-07 COMMENTS O.M.

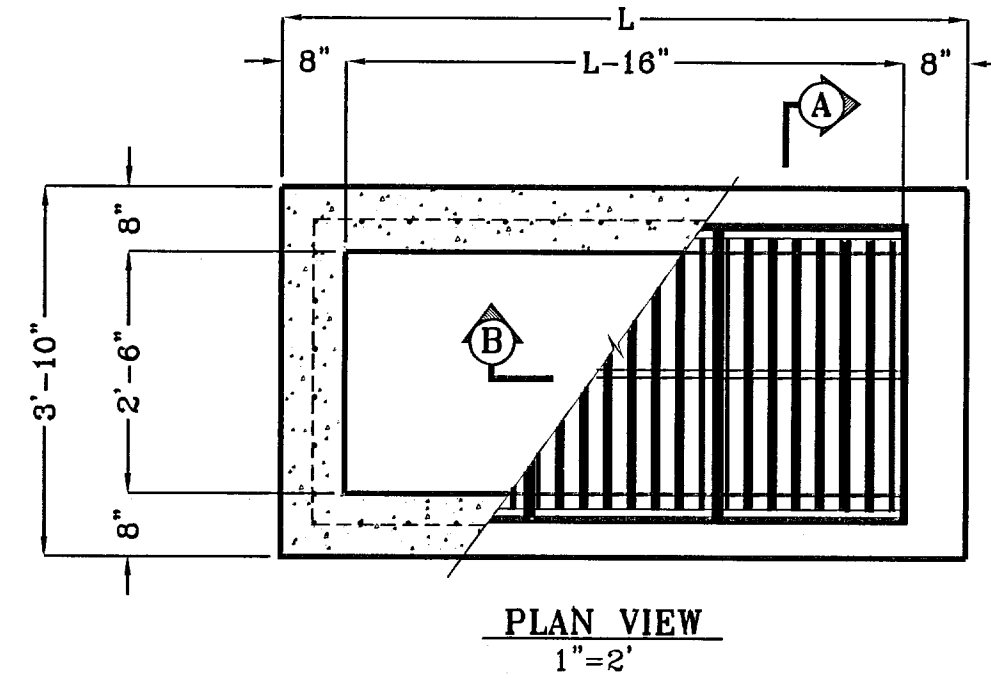
PROJECT NAME  
**TIERRA DEL ESTE UNIT FIFTY SIX**

SHEET TITLE  
**DESITING BASIN & FLUME DETAILS**

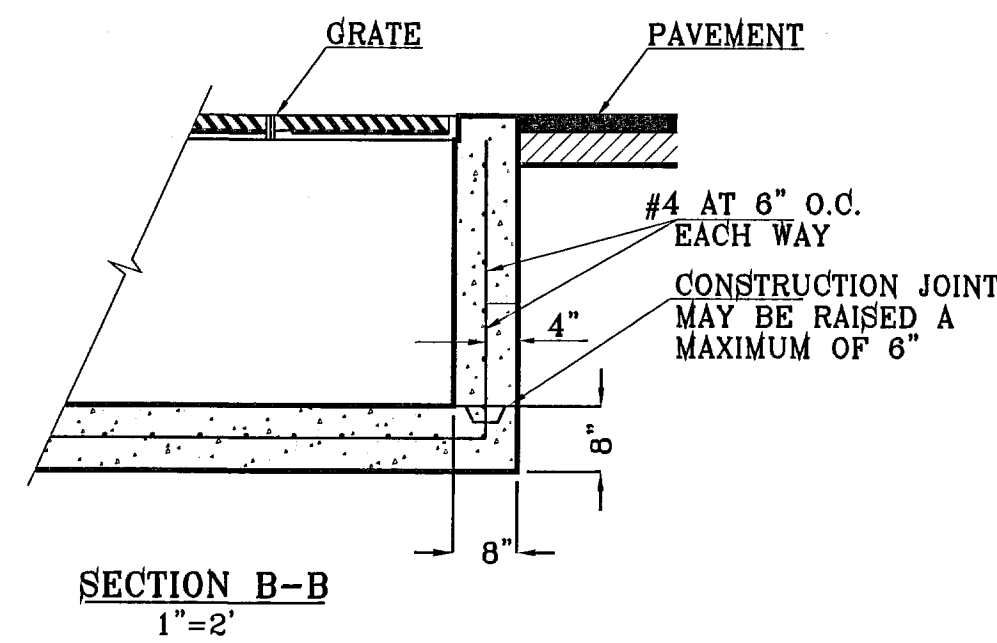
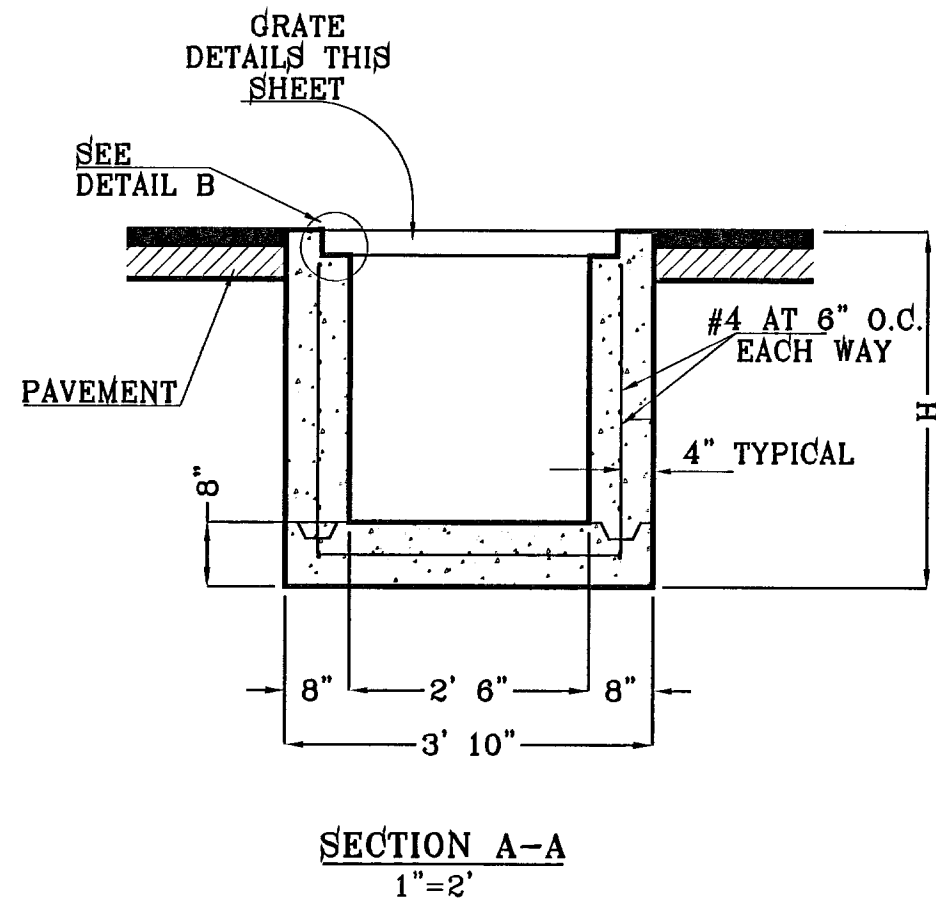
SHT 56 OF 62

**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 alternates 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-538, 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.

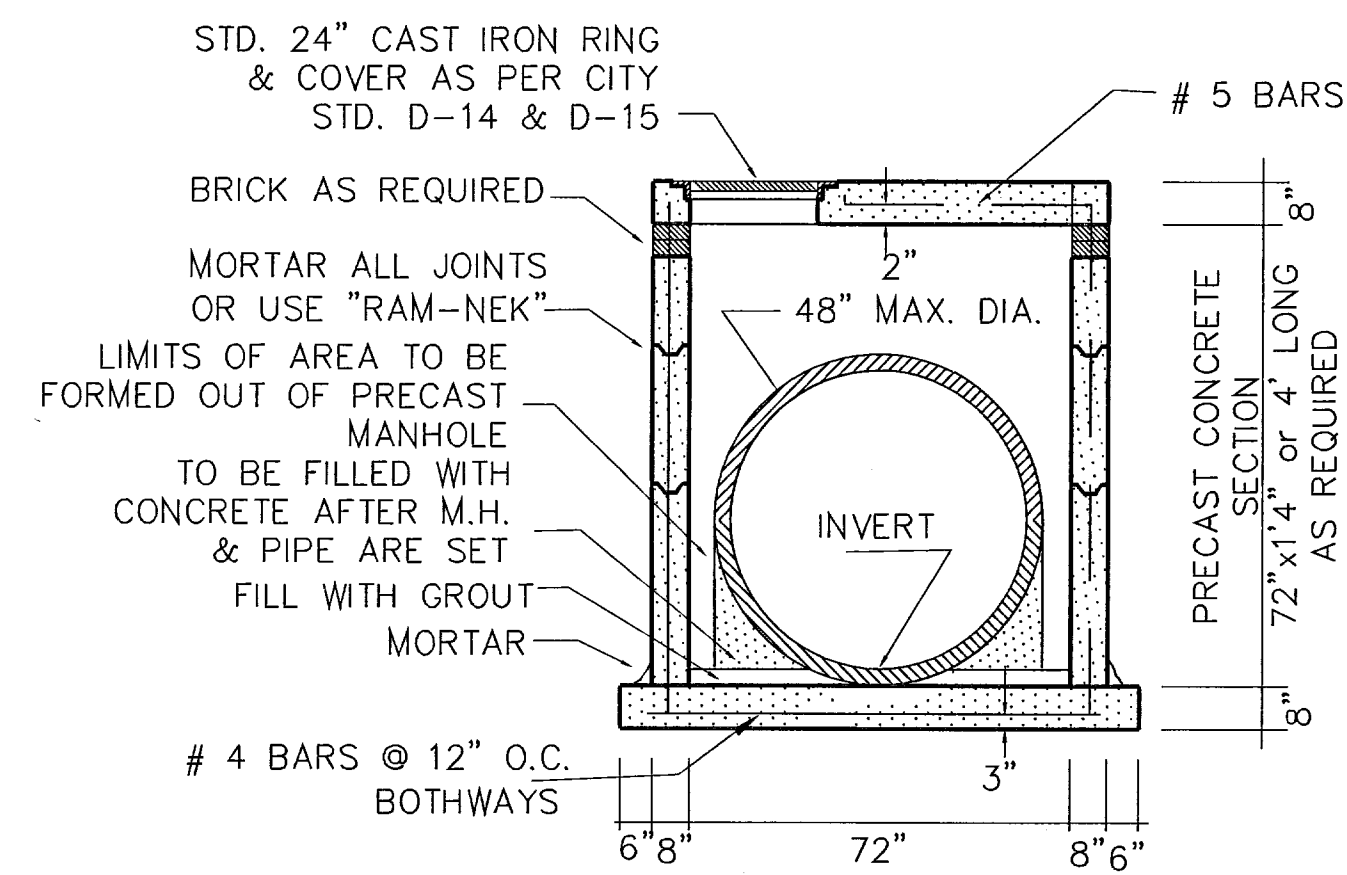


No. OF GRATES	L
1	3'-2 5/8"
2	5'-1 1/8"
3	7'-0 1/4"
4	8'-9 7/8"
5	10'-8"
6	12'-6 5/8"
7	15'-0 3/8"
8	17'-0"
9	18'-11 5/8"
10	20'-11 1/4"
11	22'-10 7/8"
12	24'-10 1/2"

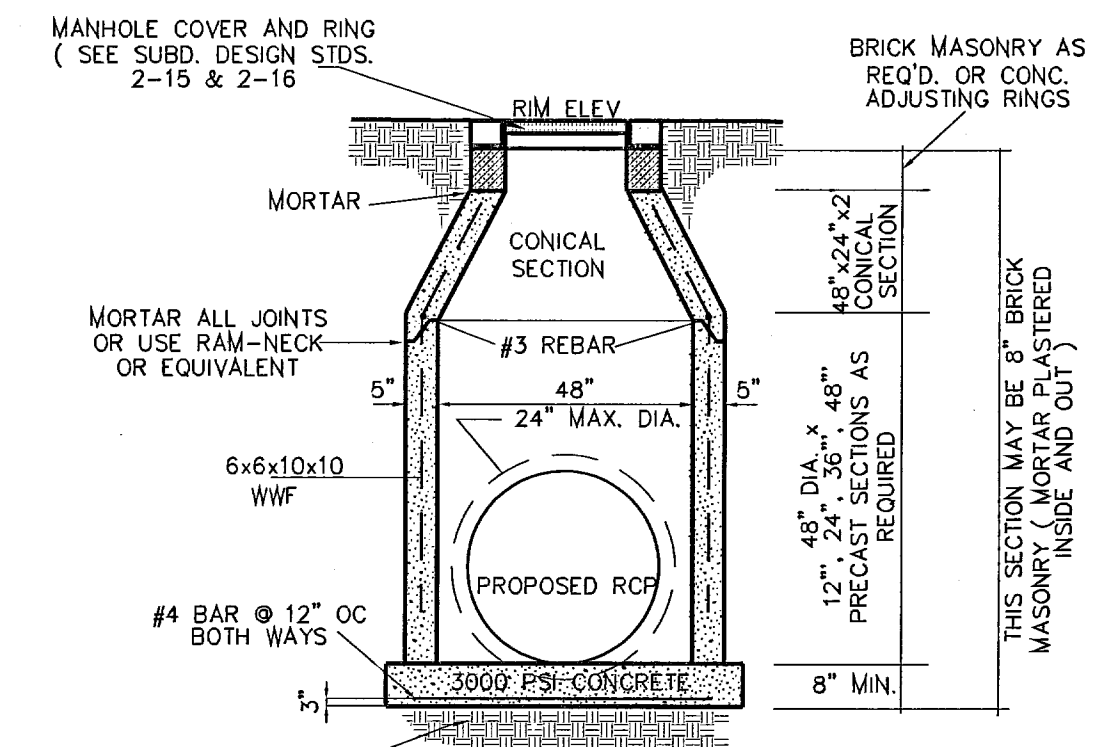


**TYPE III INLET**

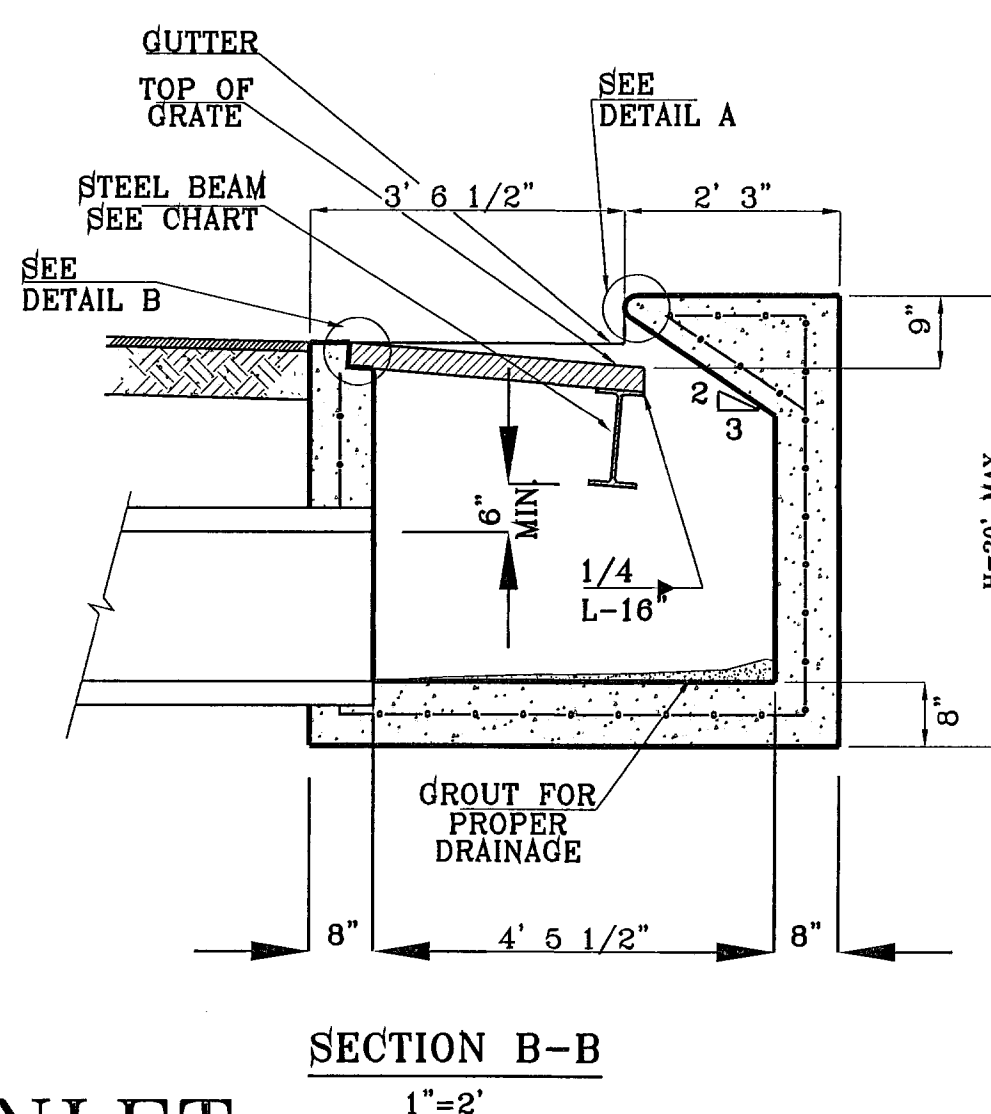
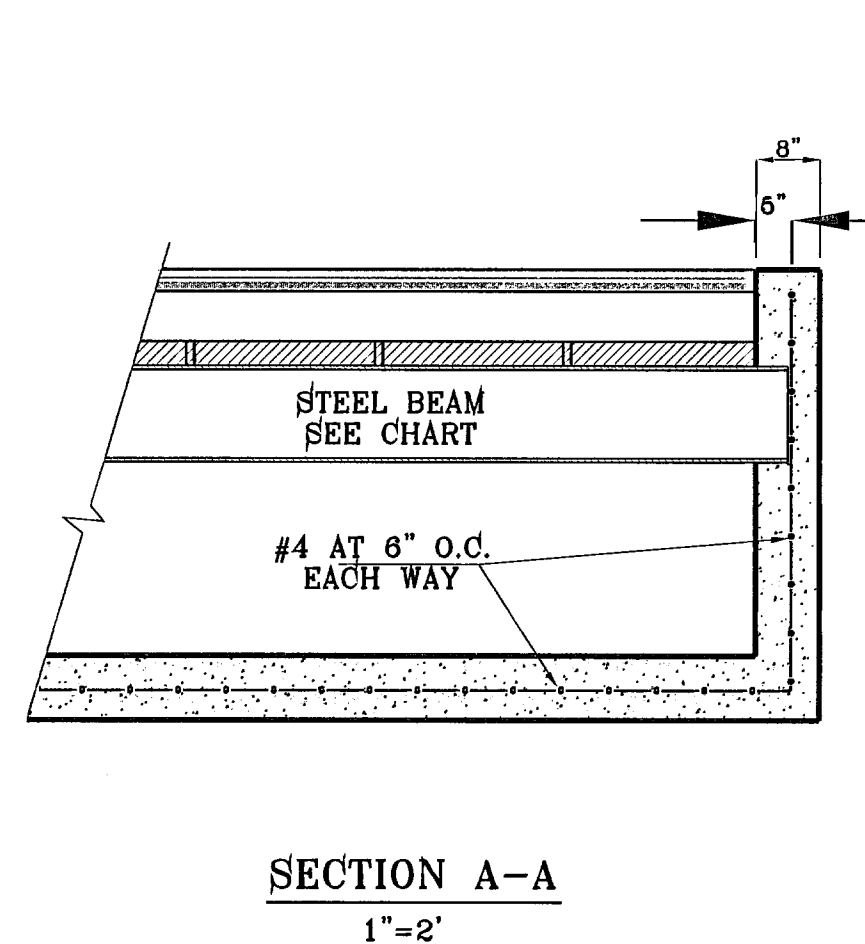
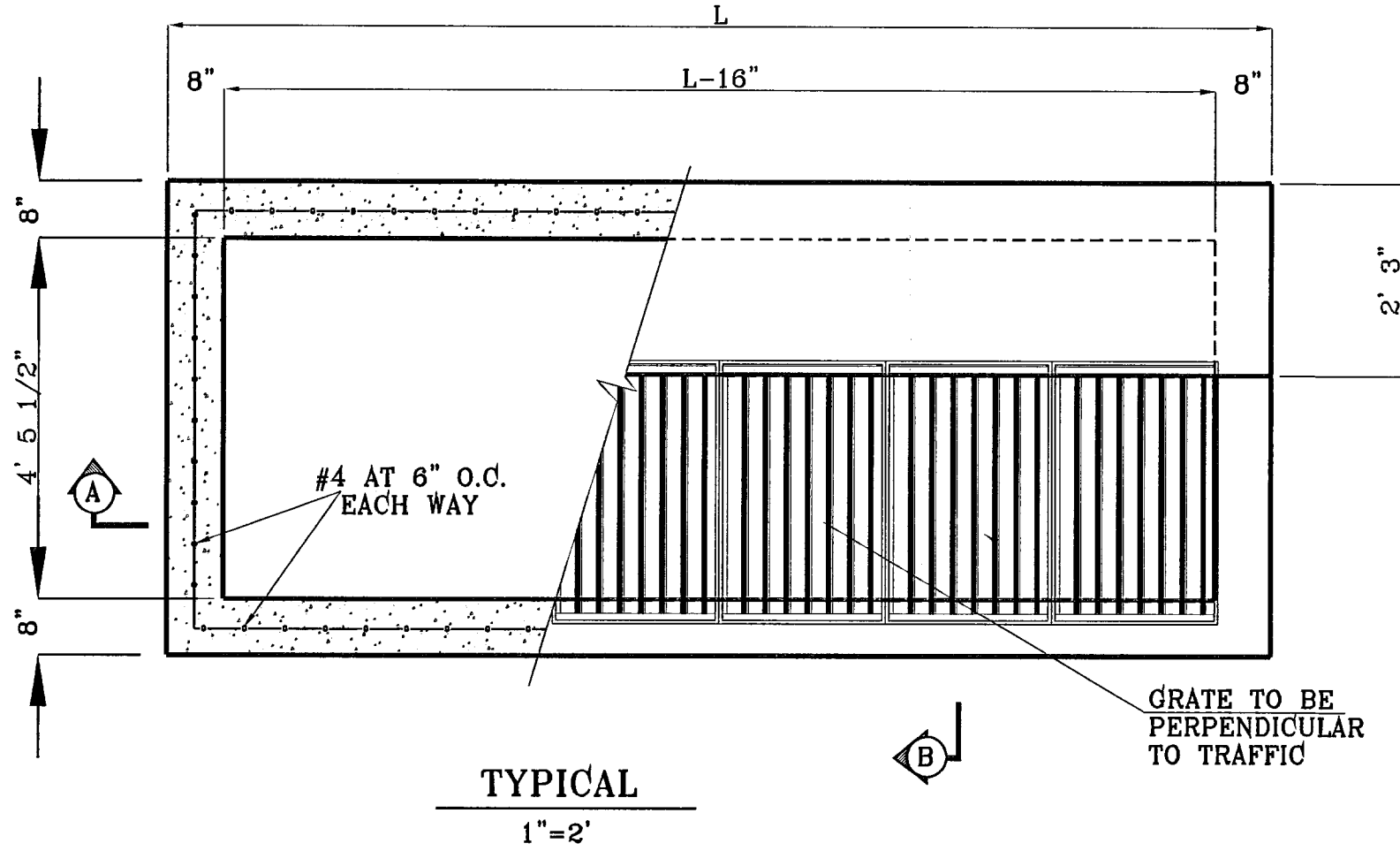
**DRAINAGE STRUCTURE DETAILS AS PER CITY OF EL PASO STANDARDS**



**PRECAST 72" MANHOLE SECTION**  
SCALE: 1" = 3'

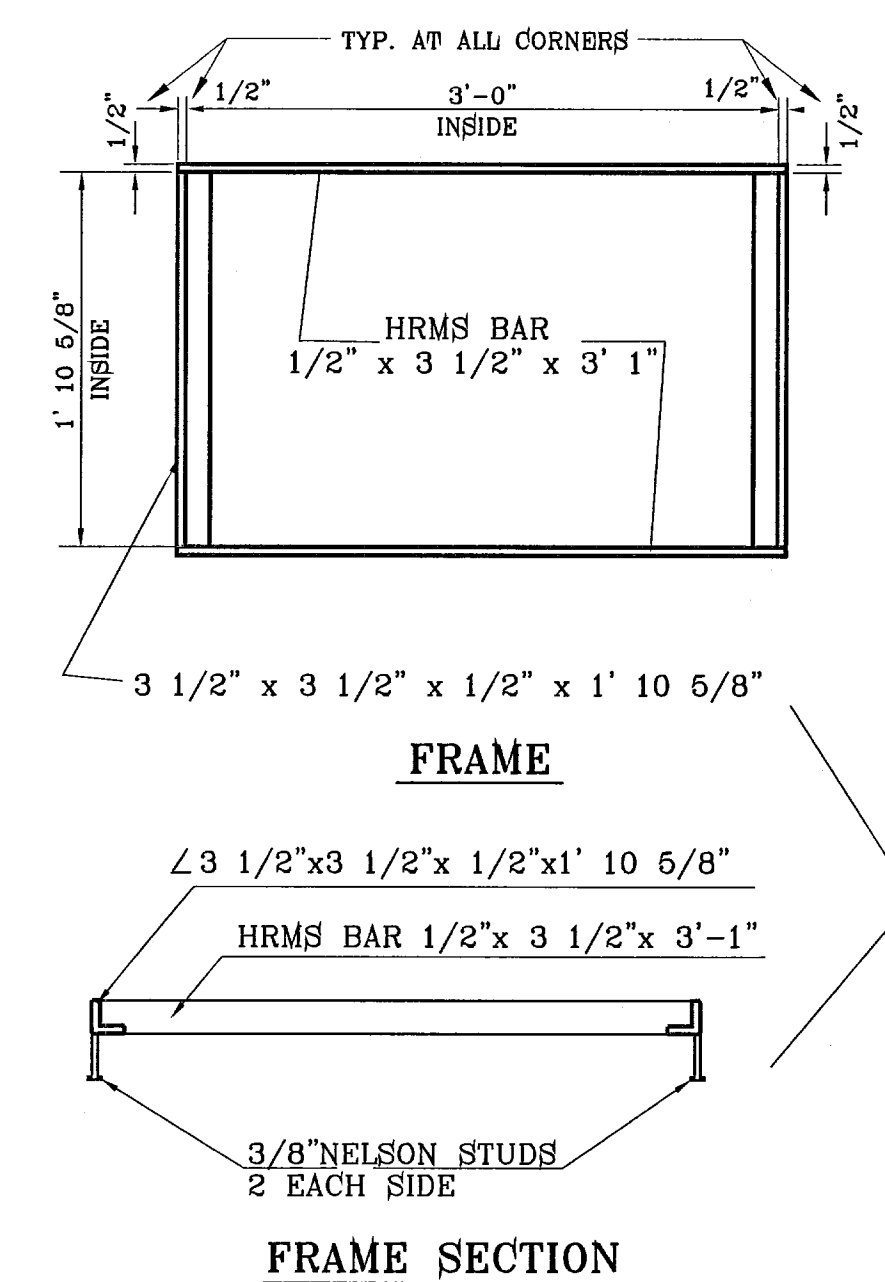
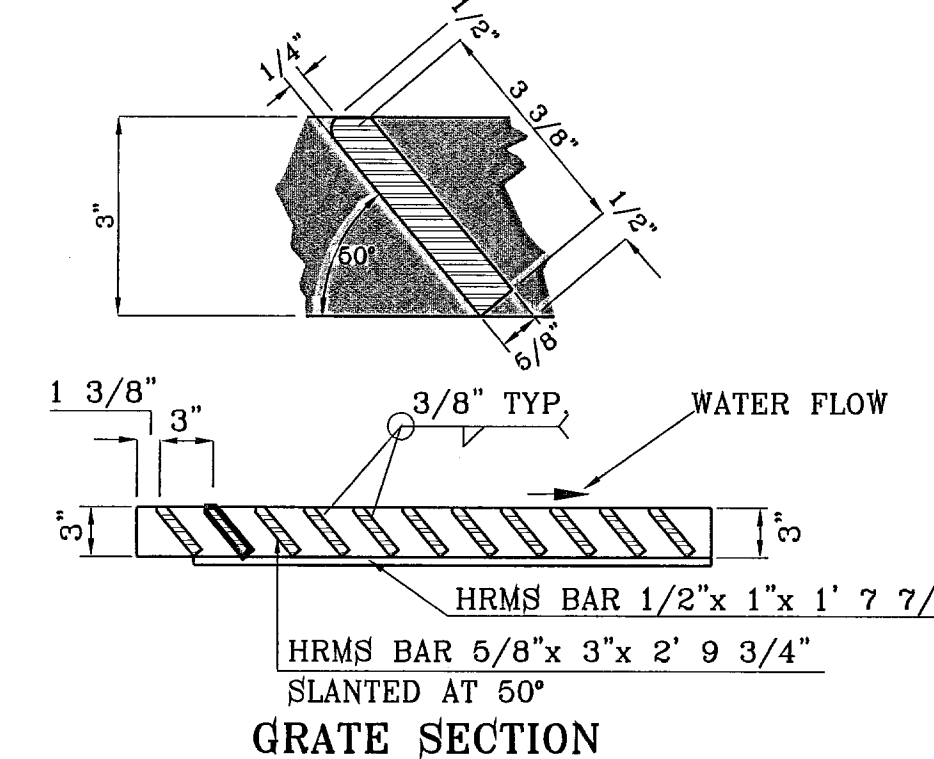
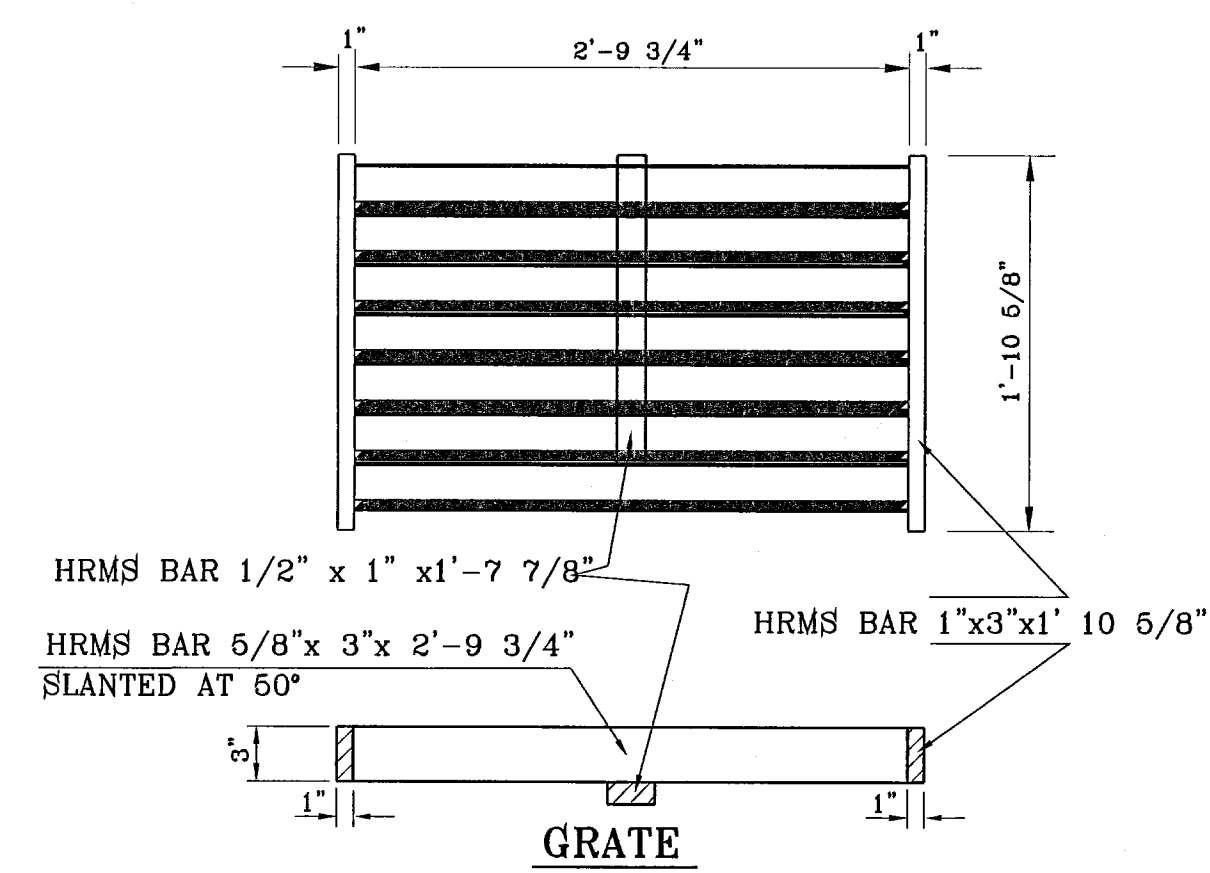
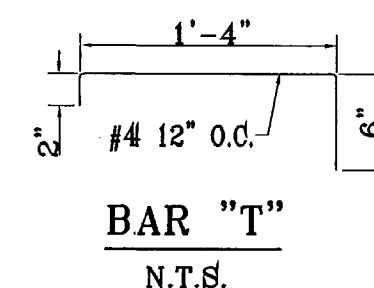
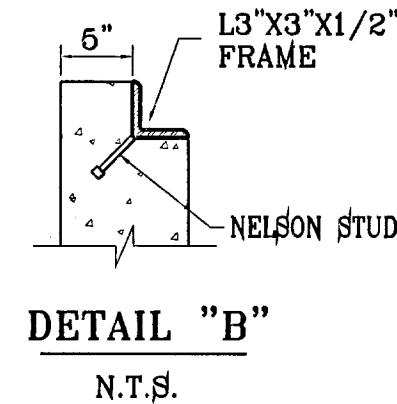
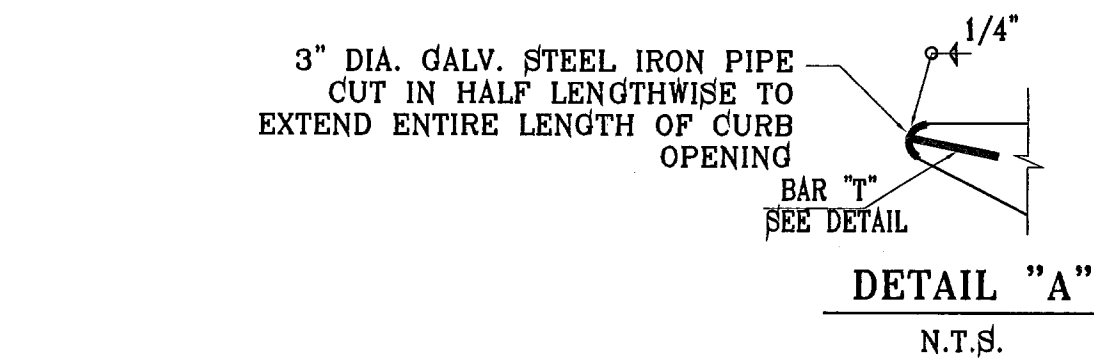


**TYPICAL 48" STD. MANHOLE**  
1" = 3'  
AS PER CITY OF EL PASO SUBD. DESIGN STD. No. 2-18



**TYPE I INLET**

No. OF GRATES	L	BEAM	
		LENGTH	MINIMUM SIZES
1	3'-2 5/8"	2'-10"	W6x12, S4x13, MC6x8.2
2	5'-1 1/8"	4'-7 1/8"	W8x12, S6x12.5, MC6x16.1
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



**BENCHMARKS**  
NGS MARKER: COPPER-CLAD STEEL ROD DESIGNATED: X 1118" PID "CE041" ELEVATION: 9897.12

**REVISIONS**  
DATE: 12-30-07 CITY: REDLINES AS PER 11-19-07 COMMENTS: O.M.L.

**PROJECT NAME**  
**TERRA DEL ESTE UNIT FIFTY SIX**

BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEY, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES.

**SCALE**  
Horizontal: AS SHOWN  
Vertical: ---

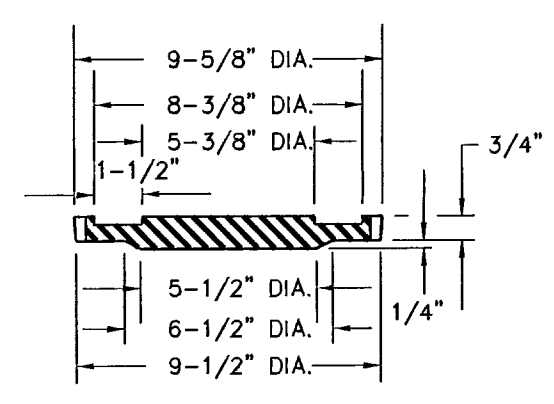
**ENGINEER'S SEAL**  
ENGINEER'S SEAL NOT REQUIRED. THIS SHEET IS PRODUCED FROM CITY SUBDIVISION DESIGN STANDARDS.

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

**SHEET TITLE**  
**STRUCTURE DETAILS**

**103109**  
TIERRA DEL ESTE UNIT FIFTY SIX

**SHT. 57 OF 62**



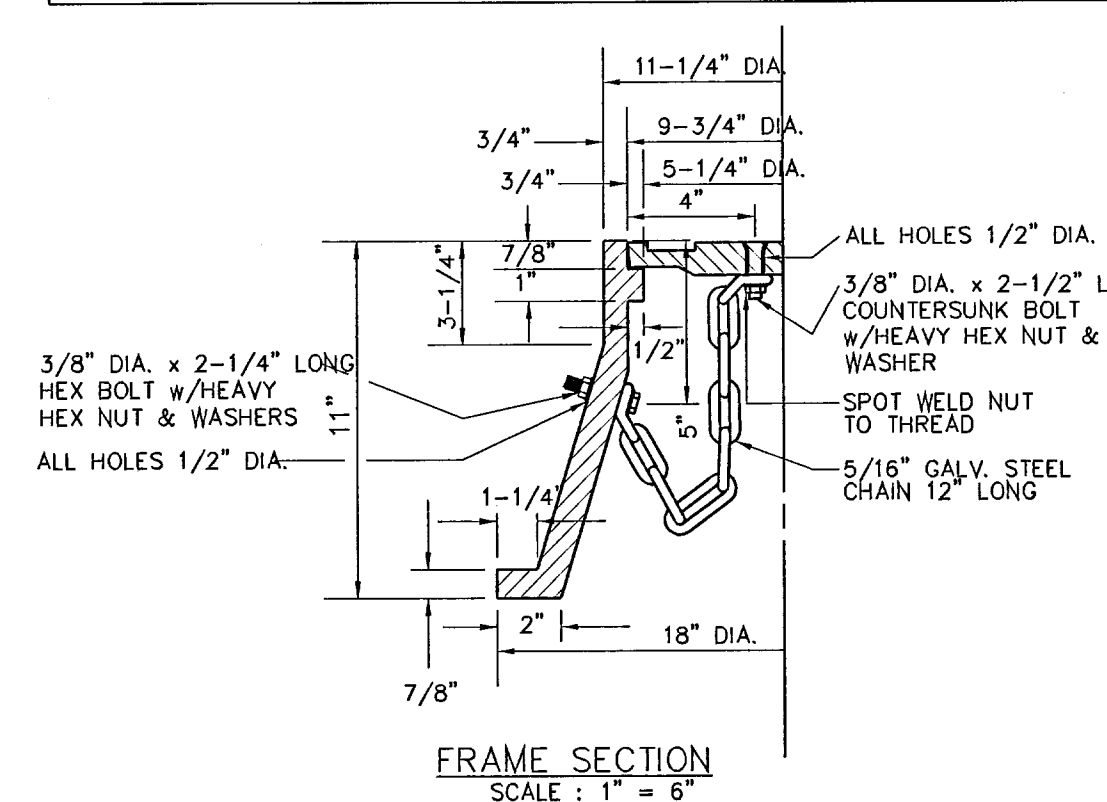
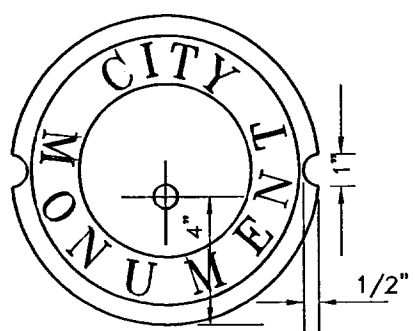
**SIZE AND CONSTRUCTION:**  
 THE STANDARD CITY MONUMENT SHALL BE POURED-IN-PLACE CONCRETE. EIGHT (8) INCHES MINIMUM DIAMETER AT THE TOP, EIGHTEEN (18) INCHES MINIMUM DIAMETER AT THE BOTTOM, THIRTY-SIX (36) INCHES MINIMUM IN DEPTH WITH THE MONUMENT CAP IN PLACE ON TOP.  
 THE MONUMENT SHALL BE COVERED WITH A CAST IRON BOX AND COVER.

**NUMBER AND LOCATIONS:**  
 THE MONUMENTS SHALL BE INSTALLED WHERE SHOWN ON THE SUBDIVISION PLAT AS APPROVED BY THE CITY ENGINEER.

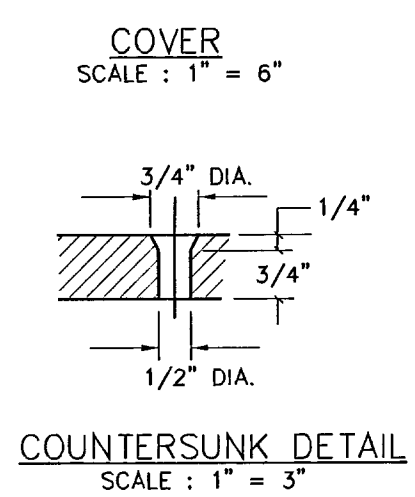
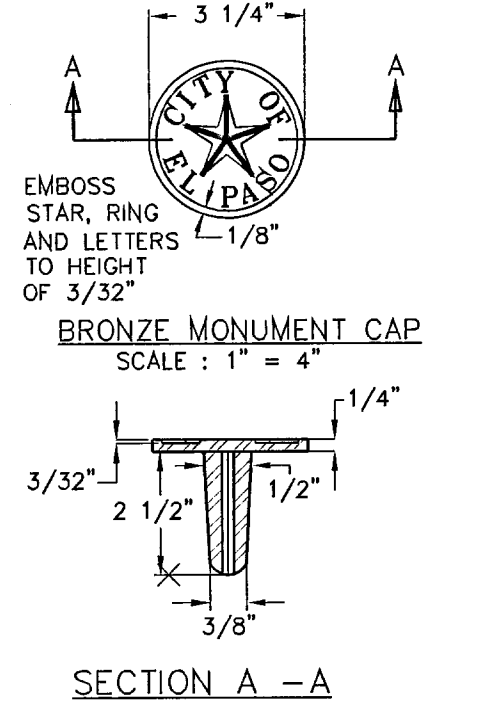
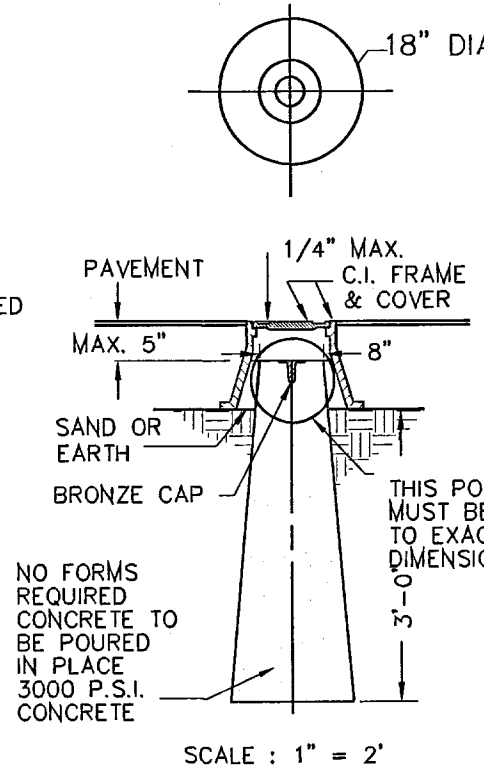
ANY MONUMENT MUST BE WITHIN THE LINE OF SIGHT OF ANY OTHER MONUMENT (2000 FEET MAXIMUM DISTANCE BETWEEN MONUMENTS). THE SIZE, TOPOGRAPHY AND LAYOUT OF THE SUBDIVISION SHALL GOVERN THE NUMBER OF MONUMENTS REQUIRED.

NO FEWER THAN TWO MONUMENTS SHALL BE PLACED IN A ONE STREET SUB-DIVISION.  
 AT LEAST ONE (1) MONUMENT SHALL BE PLACED ON EACH HORIZONTAL CURVE. TWO SHALL BE PLACED IF THE POINT OF INTERSECTION (P.I.) OF THE TANGENTS LEADING INTO THE CURVE FALLS OUTSIDE OF CITY RIGHT-OF-WAY. MONUMENTS SHALL BE INSTALLED SO THAT ALL FRONT PROPERTY CORNERS OF ALL LOTS IN THE SUBDIVISION ARE WITHIN LINE OF SIGHT OF A MONUMENT, OR WITHIN SIGHT OF LINE BETWEEN TWO ADJACENT MONUMENTS.

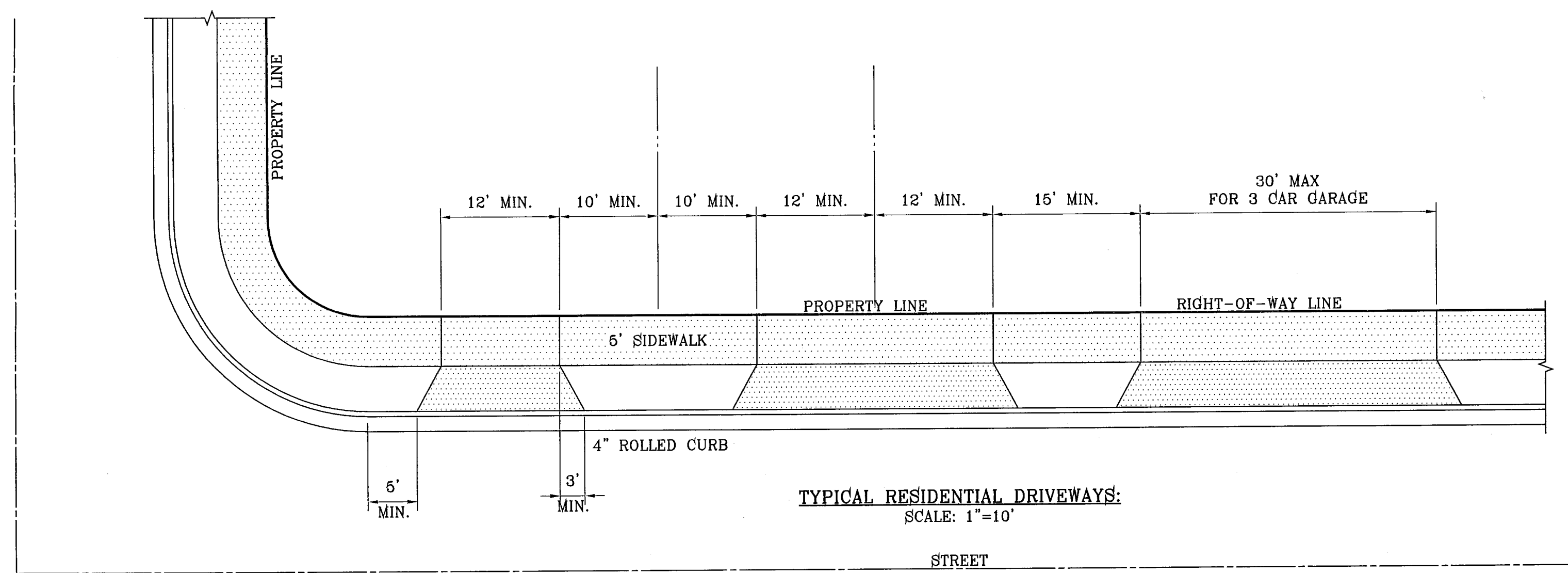
HEIGHT OF LETTERS = 7/16"  
 WIDTH OF LETTER BODY = 3/16"  
 RADIUS FOR POSITION OF LETTERING = 1-1/4"  
 OUTSIDE RADIUS OF STAR = 3/4"  
 INSIDE RADIUS OF STAR = 5/16"



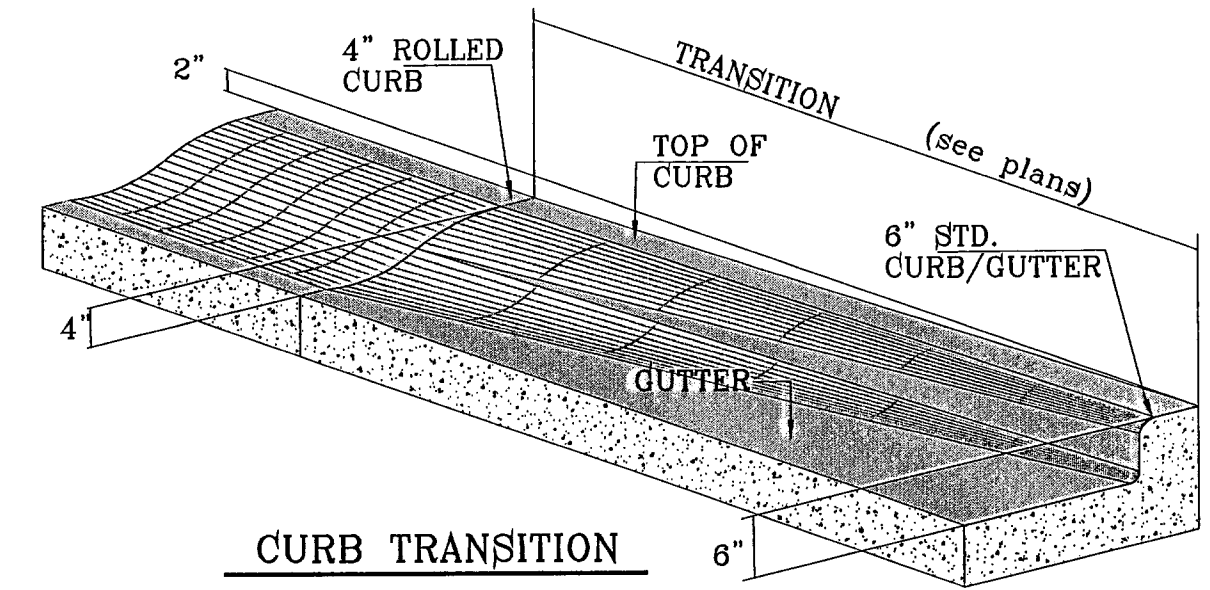
**CITY MONUMENT DETAIL**  
 CITY MONUMENT AS PER CITY STANDARDS  
 SCALE: 1" = 6"



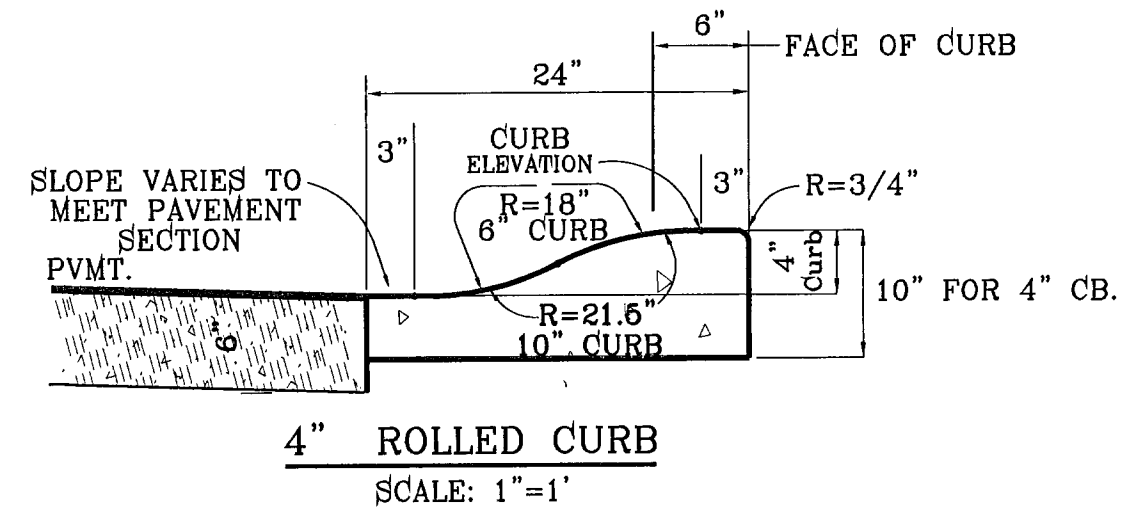
**COUNTERSUNK DETAIL**  
 SCALE: 1" = 3"



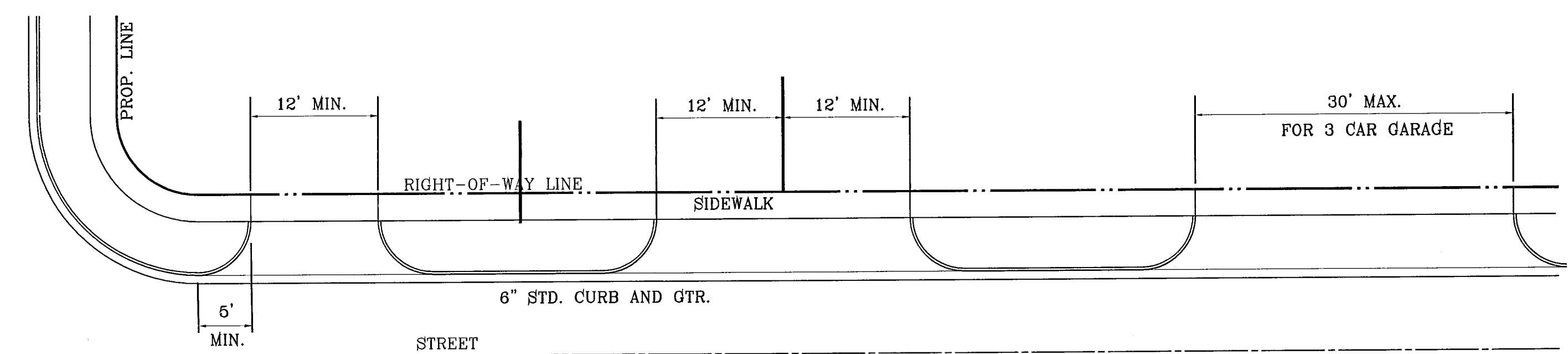
**NOTE:**  
 A MINIMUM PARKING SPACE LENGTH OF TWENTY (20) FEET SHALL BE PROVIDED MEASURED FROM THE PROPERTY LINE TO A GARAGE, CARPORT OR PARKING SPACE.



**CURB TRANSITION**

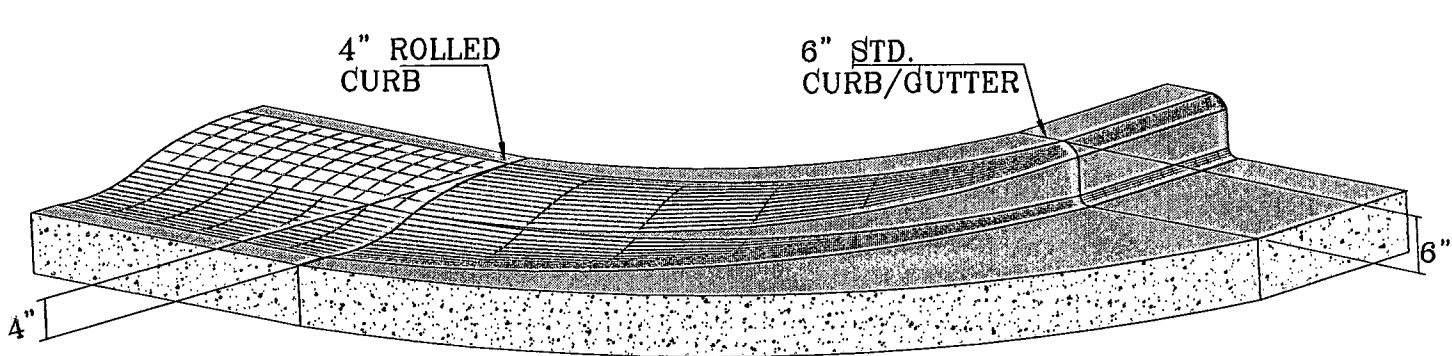


**4\"/>
 SCALE: 1" = 1"**

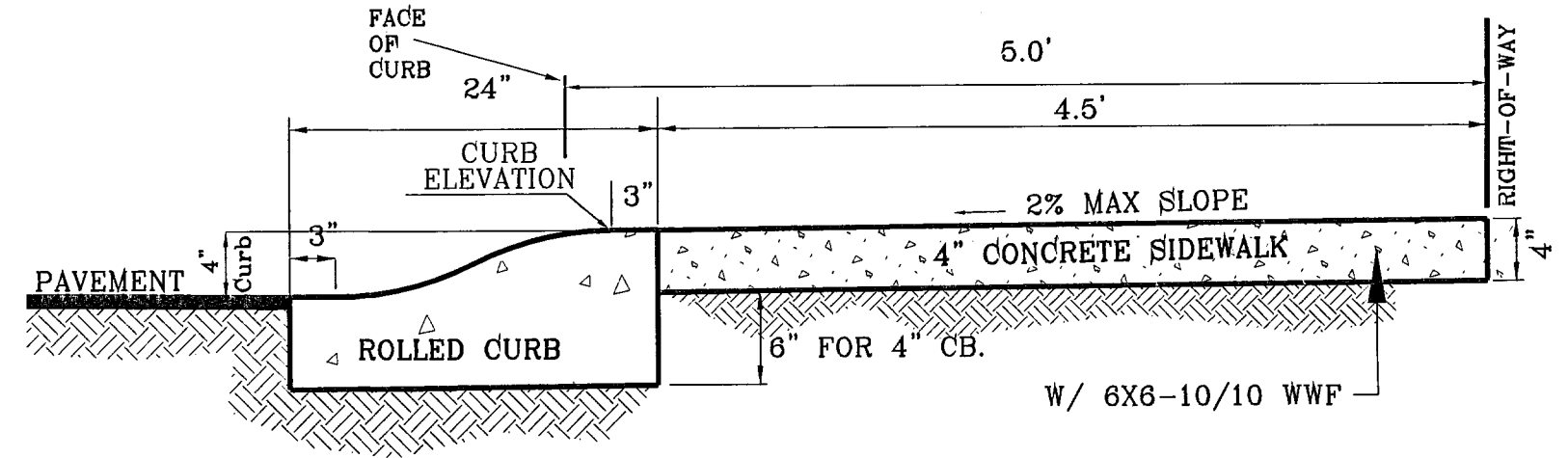


**NOTE:**  
 A MINIMUM PARKING SPACE LENGTH OF TWENTY (20) FEET SHALL BE PROVIDED MEASURED FROM THE PROPERTY LINE TO A GARAGE, CARPORT OR PARKING SPACE.

**TYPICAL RESIDENTIAL DRIVEWAYS**  
 SCALE: 1" = 10"

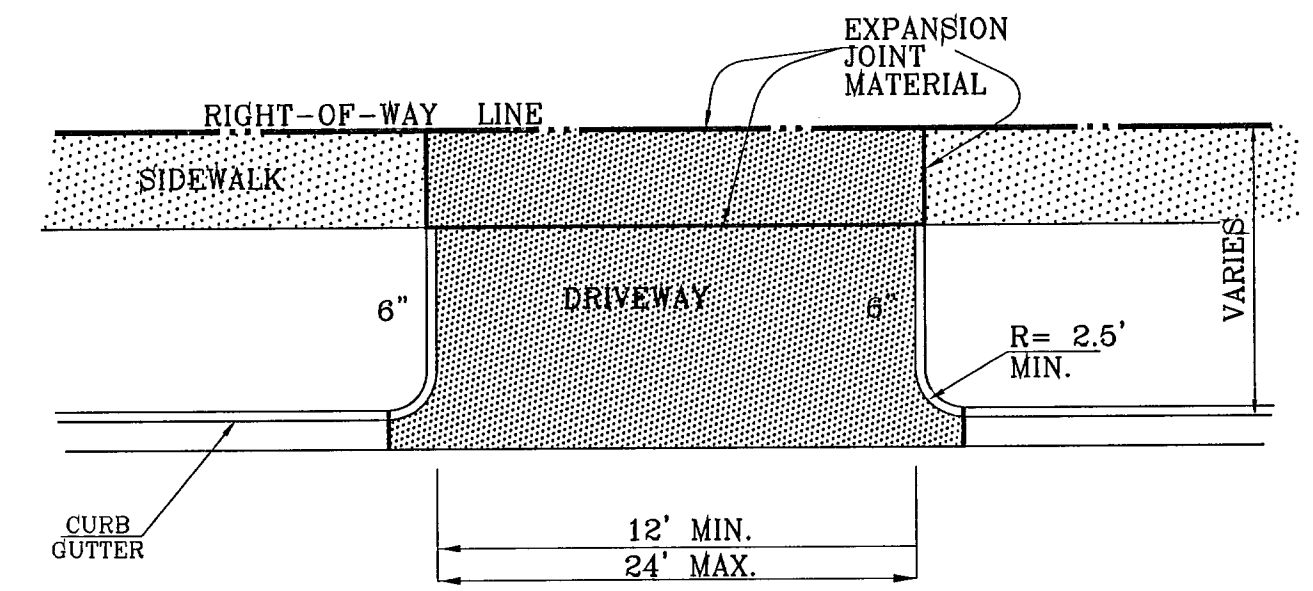


**CURB TRANSITION AT RETURNS**

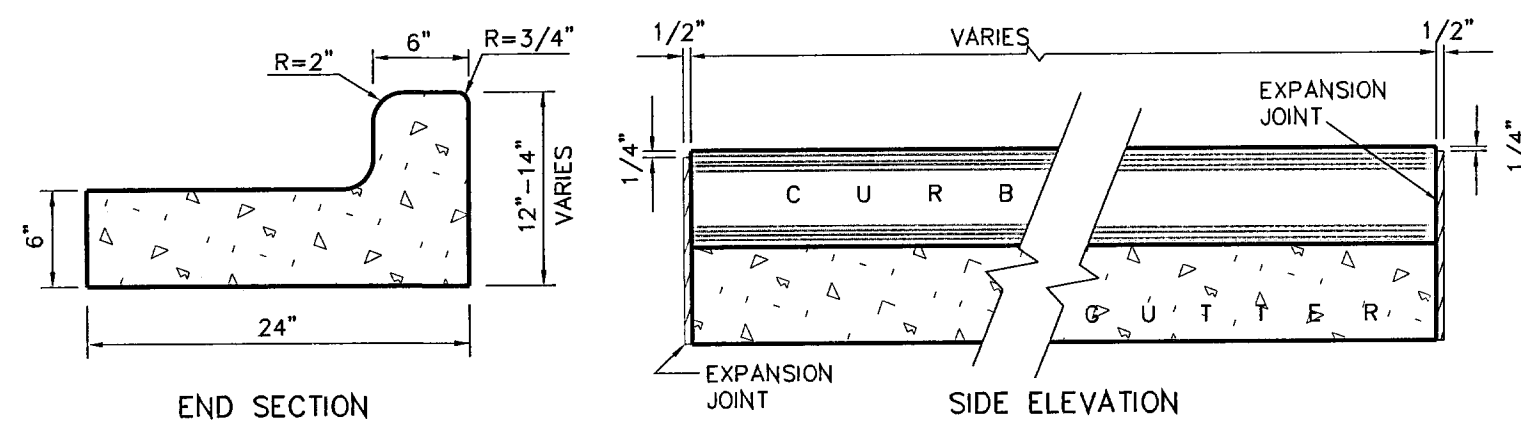


**DRIVEWAY DETAIL**  
 SCALE: 1" = 1"

**TYPICAL ROLLED CURB DETAIL AT CUL-DE-SACS**

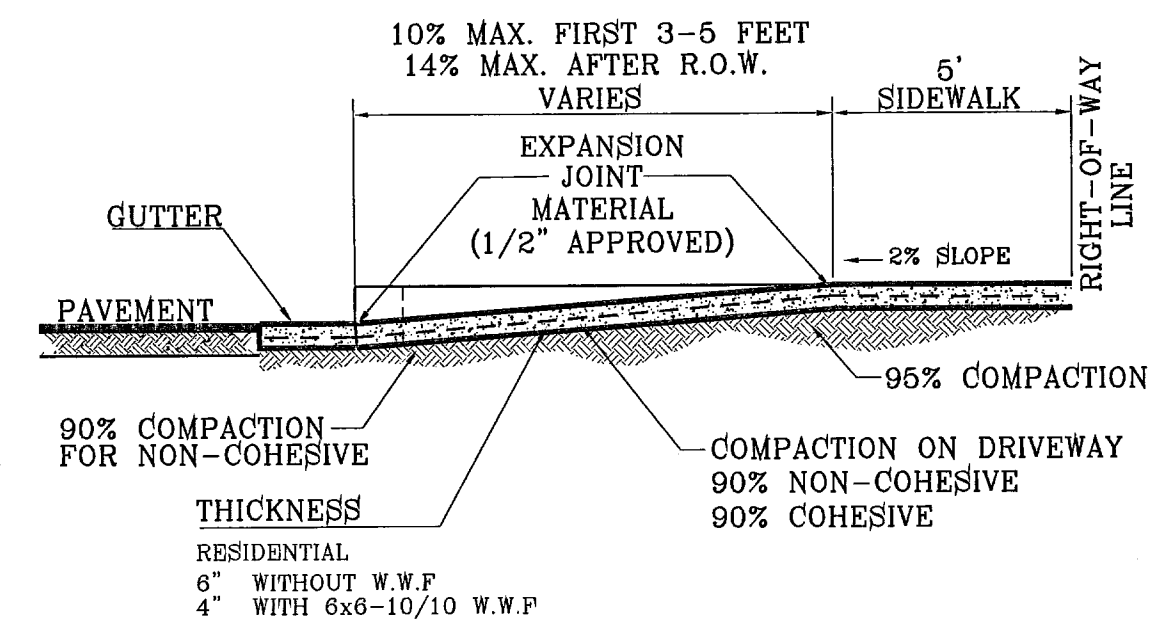


**DRIVEWAY PLAN VIEW**  
 AS PER CITY DESIGN STANDARD 6-8, 6-9

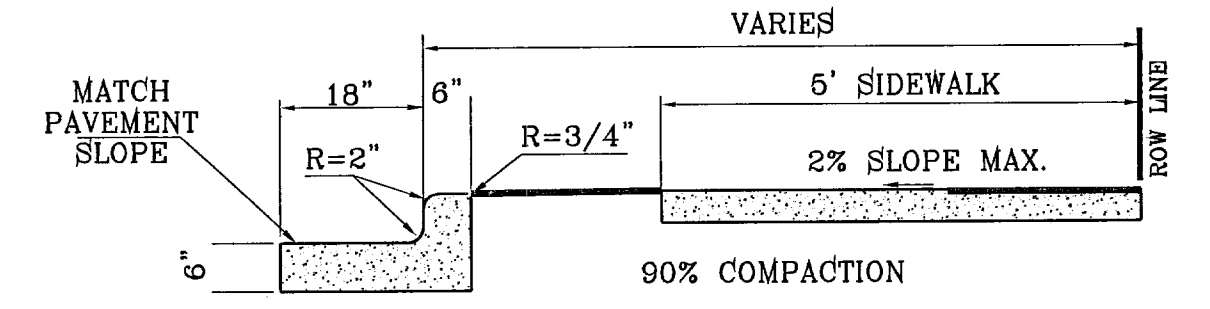


**CURB DETAILS**  
 SCALE: 1" = 1"

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



**DRIVEWAY SECTION (TYPICAL)**  
 AS PER CITY DESIGN STANDARD 6-8, 6-9



**TYPICAL CURB AND SIDEWALK DETAIL**  
 AS PER CITY DESIGN STANDARD 6-1

**NOTES:**  
 1. CONCRETE SHALL BE 3000 P.S.I. MINIMUM.  
 2. DUMMY JOINTS REQUIRED AT 10' O.C. FOR CURB/GUTTER AND 5' O.C. FOR SIDEWALK.  
 3. EXPANSION MATERIAL REQUIRED AT CURB RETURNS WITH 1/2" PREMOLDED ASPHALT IMPREGNATED EXPANSION MATERIAL OR EQUAL.  
 4. EXPANSION JOINTS REQUIRED AT 60' O.C. WHEN FORMING FOR CURBS.  
 5. WHENEVER SIDEWALK ABUTS ROCK OR MASONRY STRUCTURES SUCH AS CURBS OR BUILDINGS, EXPANSION JOINT FILLER SHALL BE USED IN ACCORDANCE WITH STANDARD SPECIFICATIONS.

DATE	REVISIONS

**PROJECT NAME**  
 TERRA DEL ESTE UNIT FIFTY SIX

**ENGINEER'S SEAL**  
 CONDE INC.  
 ENGINEERING / PLANNING SURVEYING / GPS

**ENGINEER'S SEAL**  
 CONDE INC.  
 ENGINEERING / PLANNING SURVEYING / GPS

**DATE:** MAY 2007  
**DESIGN BY:** Y.C.  
**INITIATED BY:** O.M.  
**CHKD. BY:** Y.C.

**JOB NO.:** 207-63

**ENGINEER'S SEAL**  
 CONDE INC.  
 ENGINEERING / PLANNING SURVEYING / GPS

**ENGINEER'S SEAL**  
 CONDE INC.  
 ENGINEERING / PLANNING SURVEYING / GPS

**DATE:** MAY 2007  
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**CONDE INC.**  
 ENGINEERING / PLANNING SURVEYING / GPS

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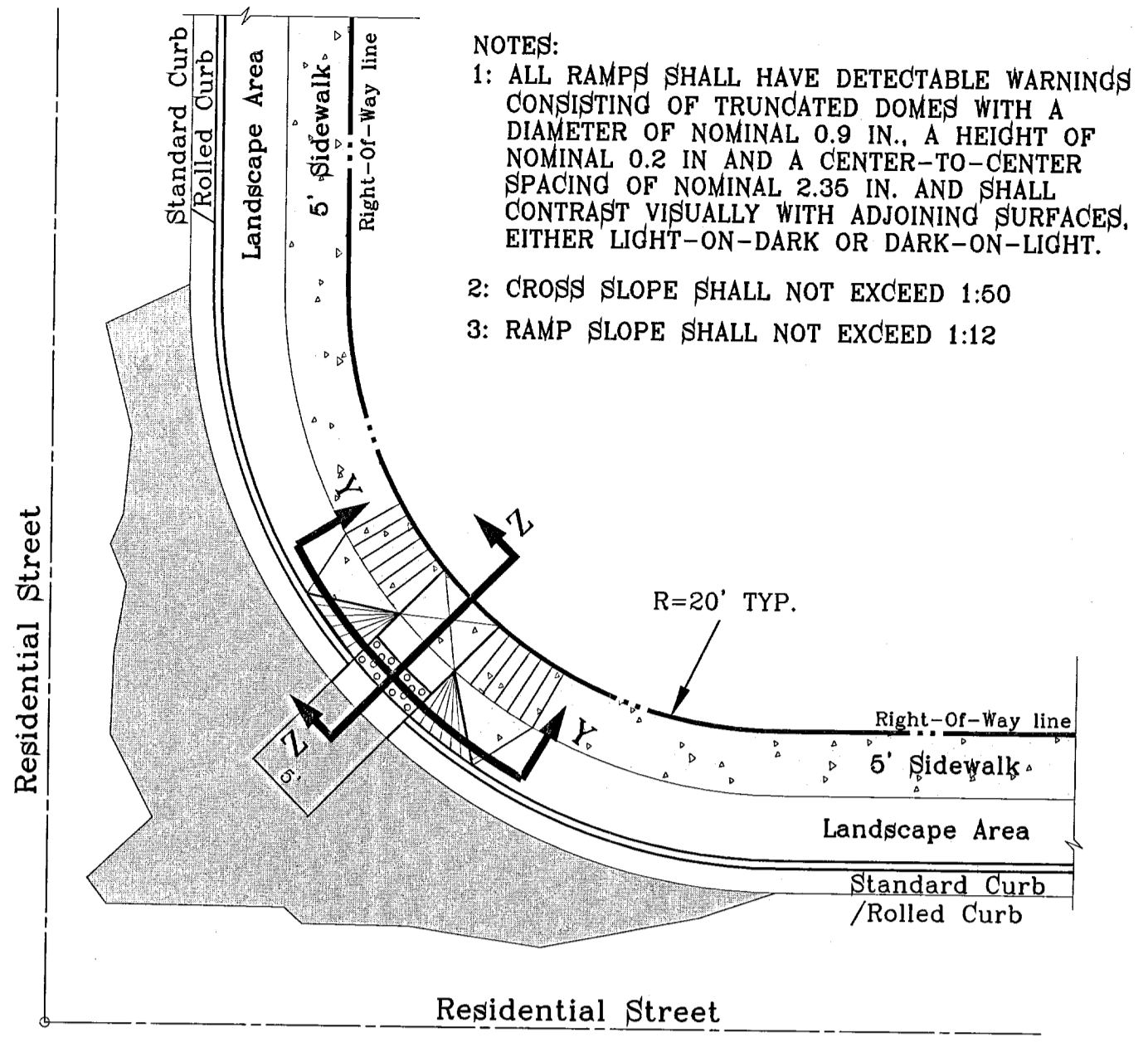
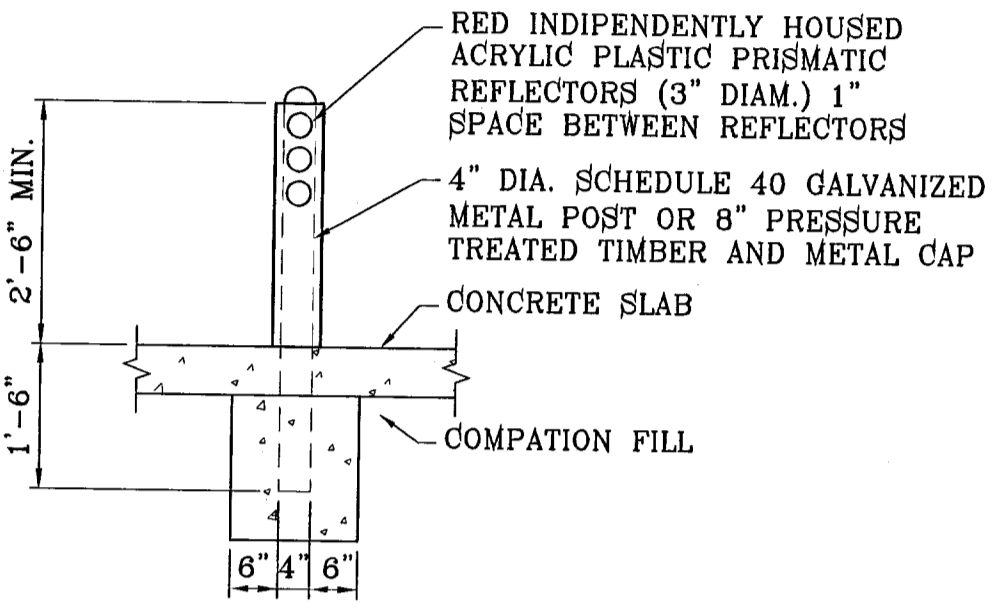
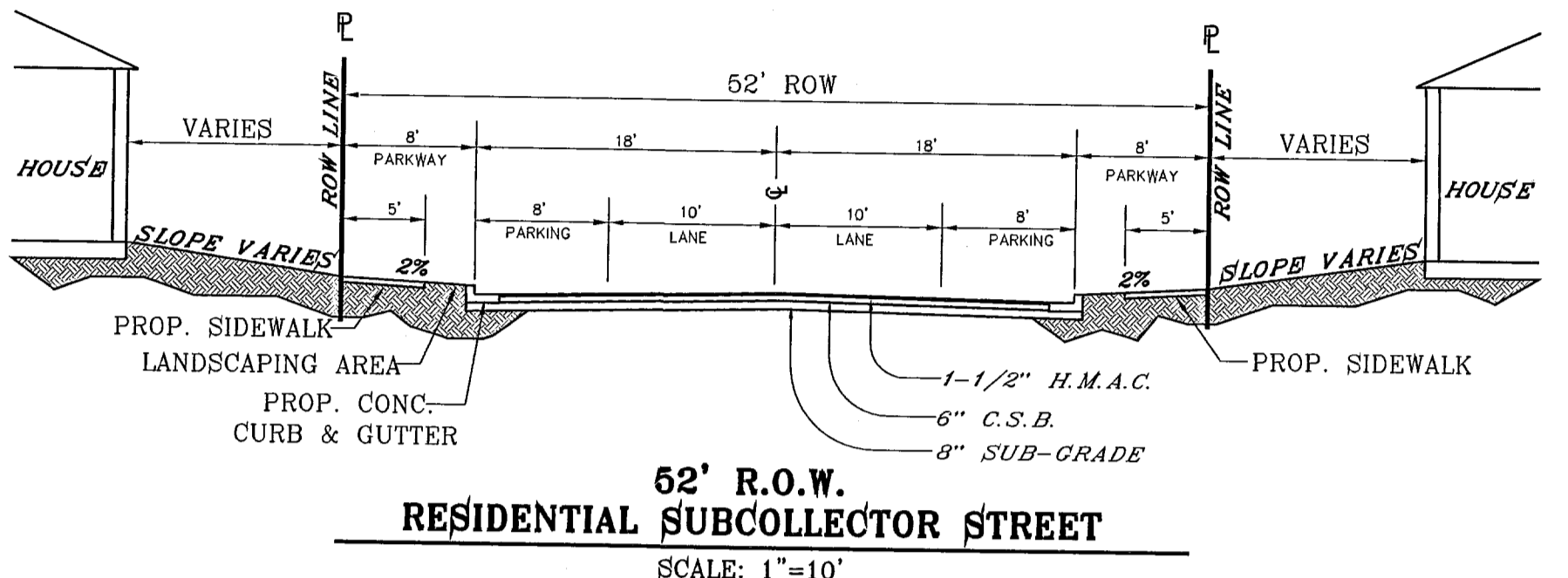
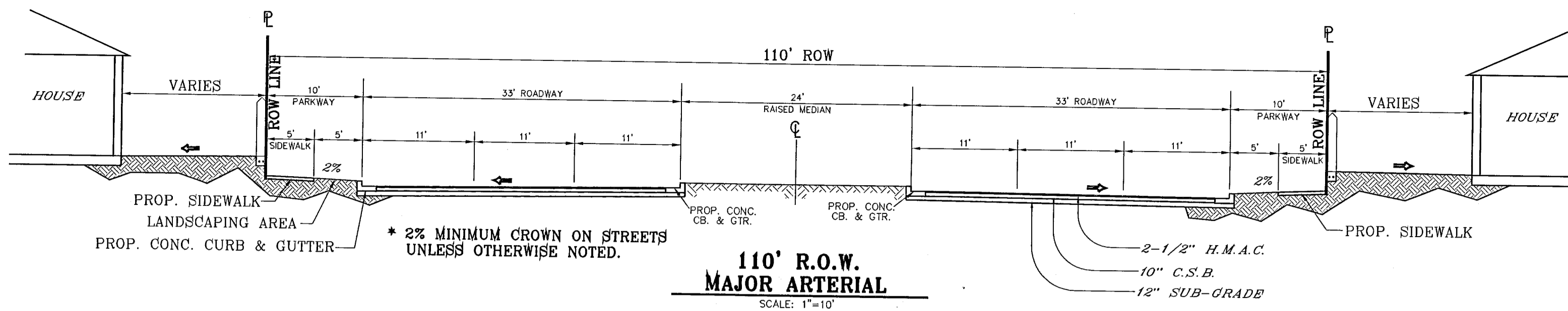
**1700 LIB. RESERVING DR. STE 400 EL PASO, TEXAS 79936**

**SHEET TITLE**  
 STANDARD DETAILS

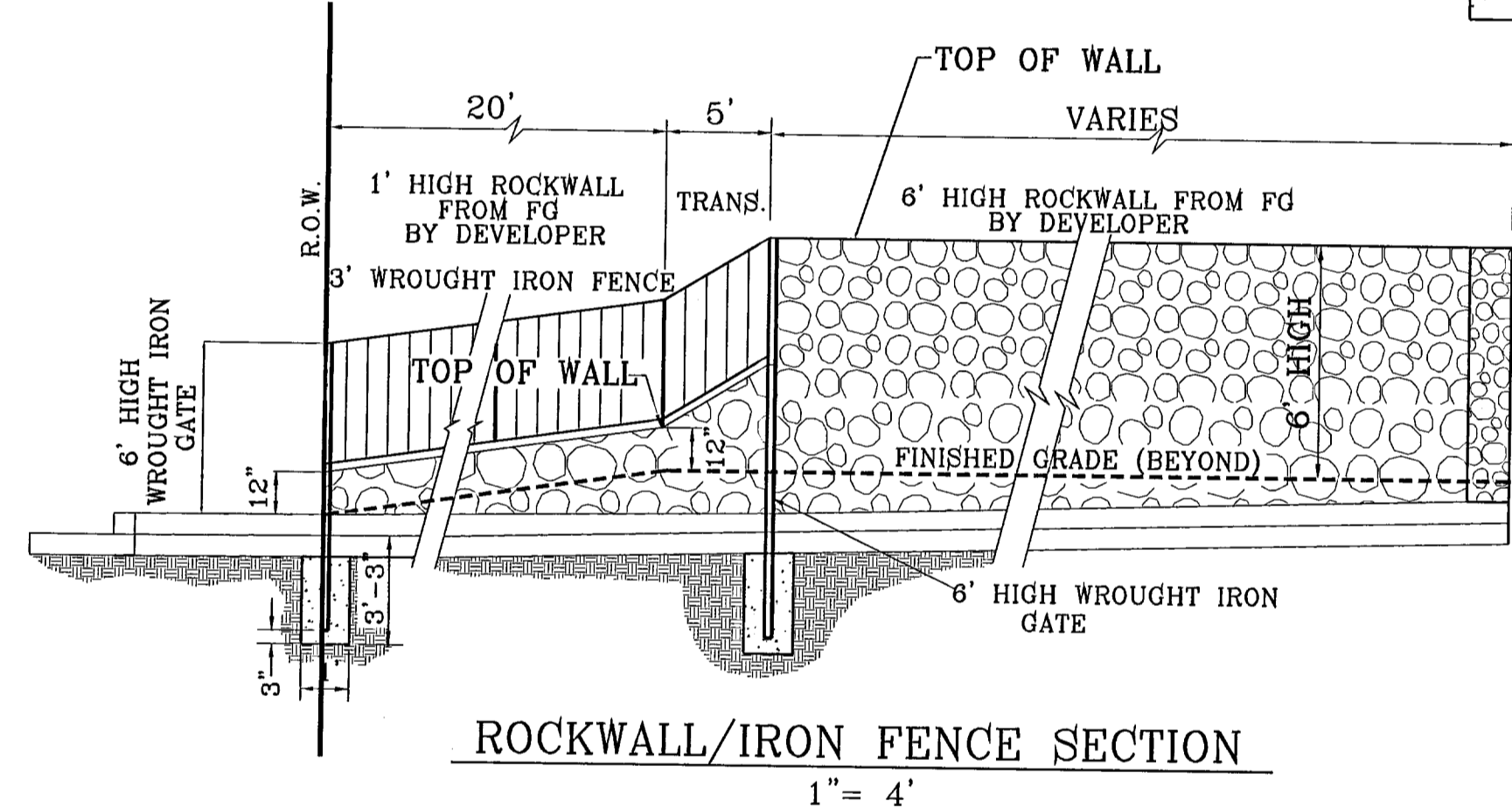
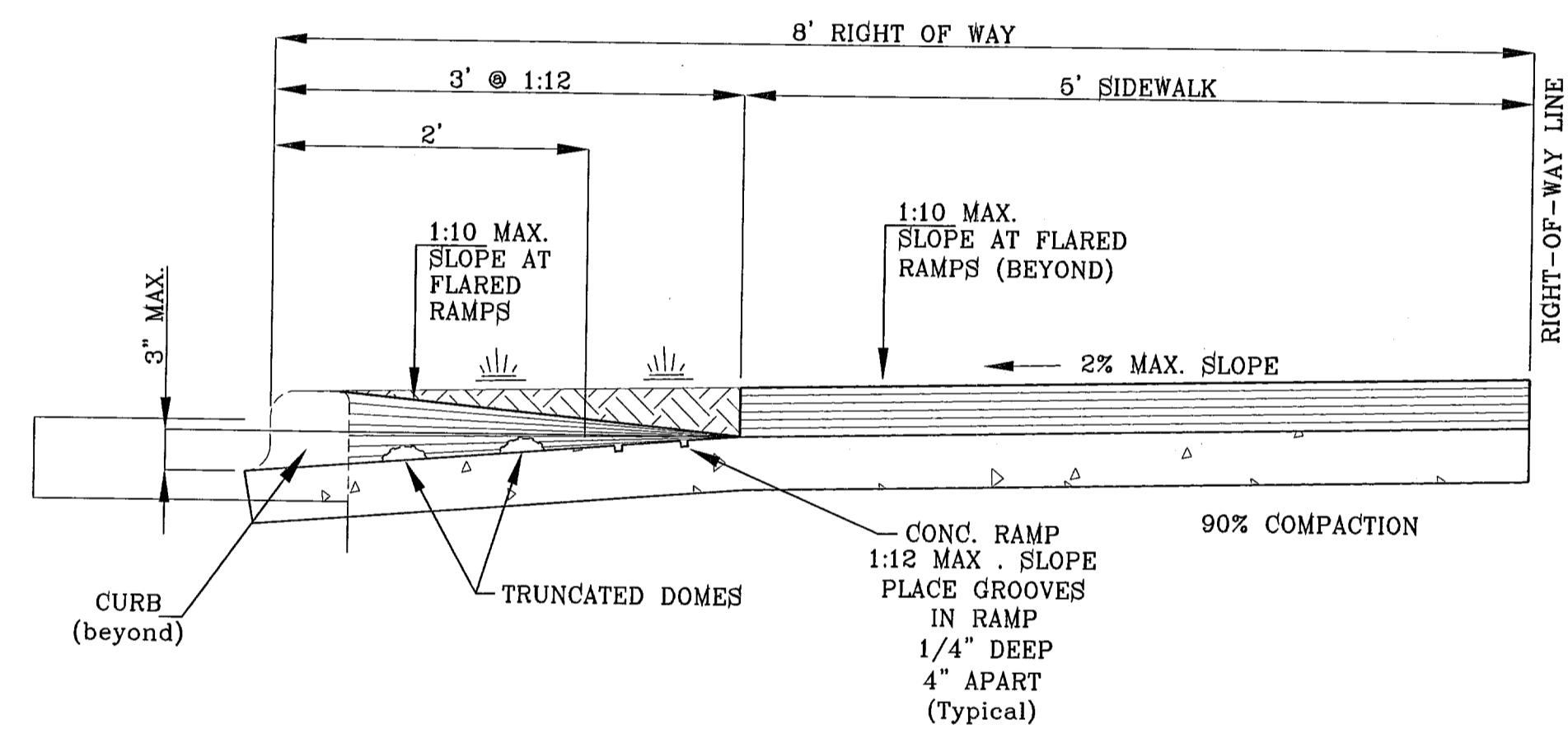
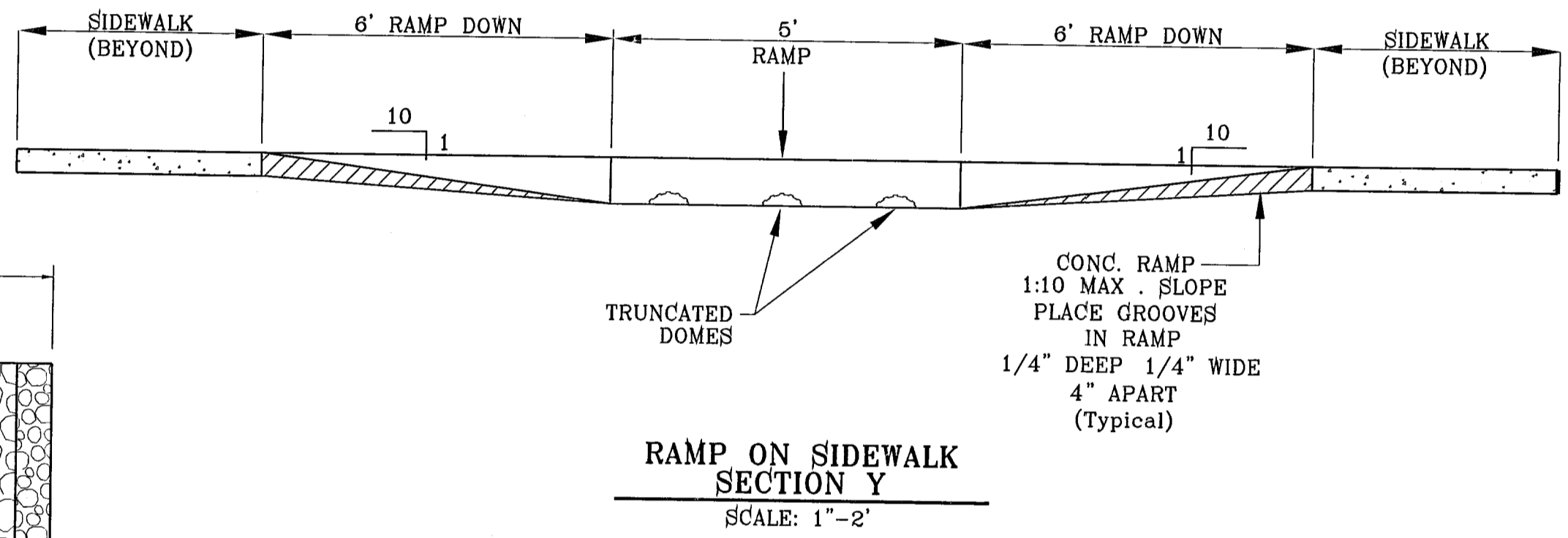
**103109**  
 TERRA DEL ESTE UNIT FIFTY SIX

**SHT 58 OF 62**





- 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 1:60  
3: RAMP SLOPE SHALL NOT EXCEED 1:12

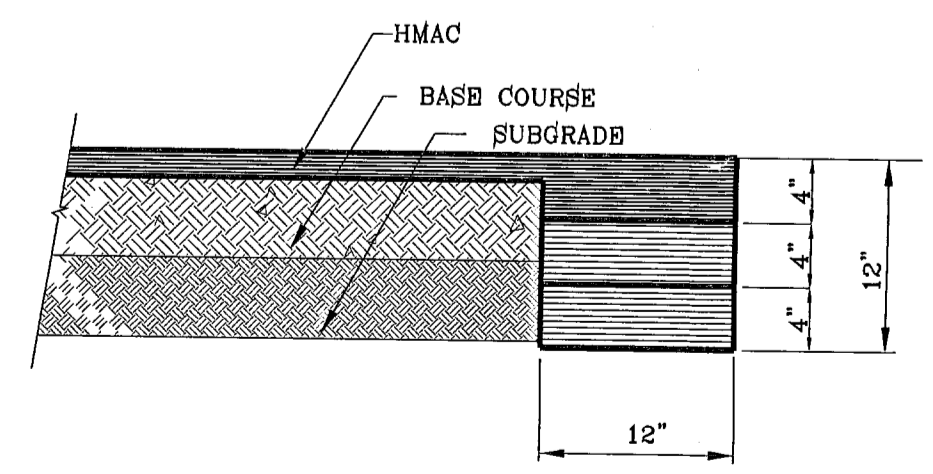
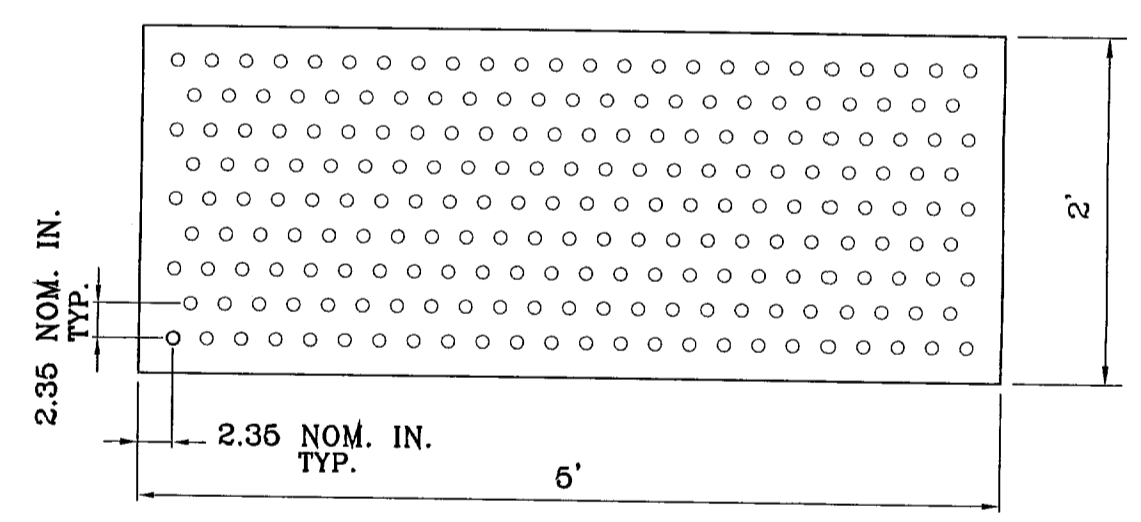
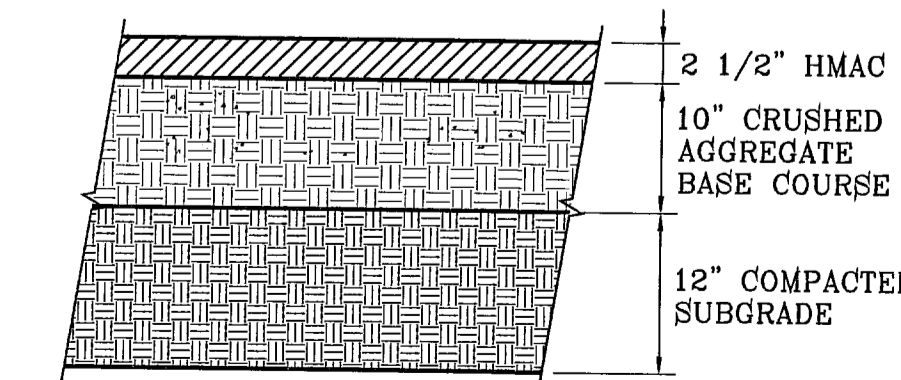
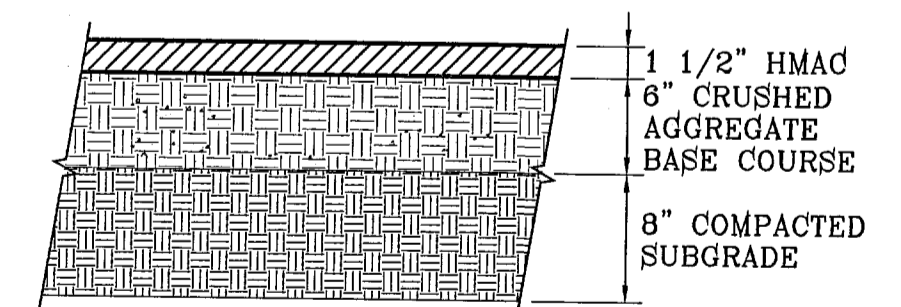


**PAVEMENT NOTES**

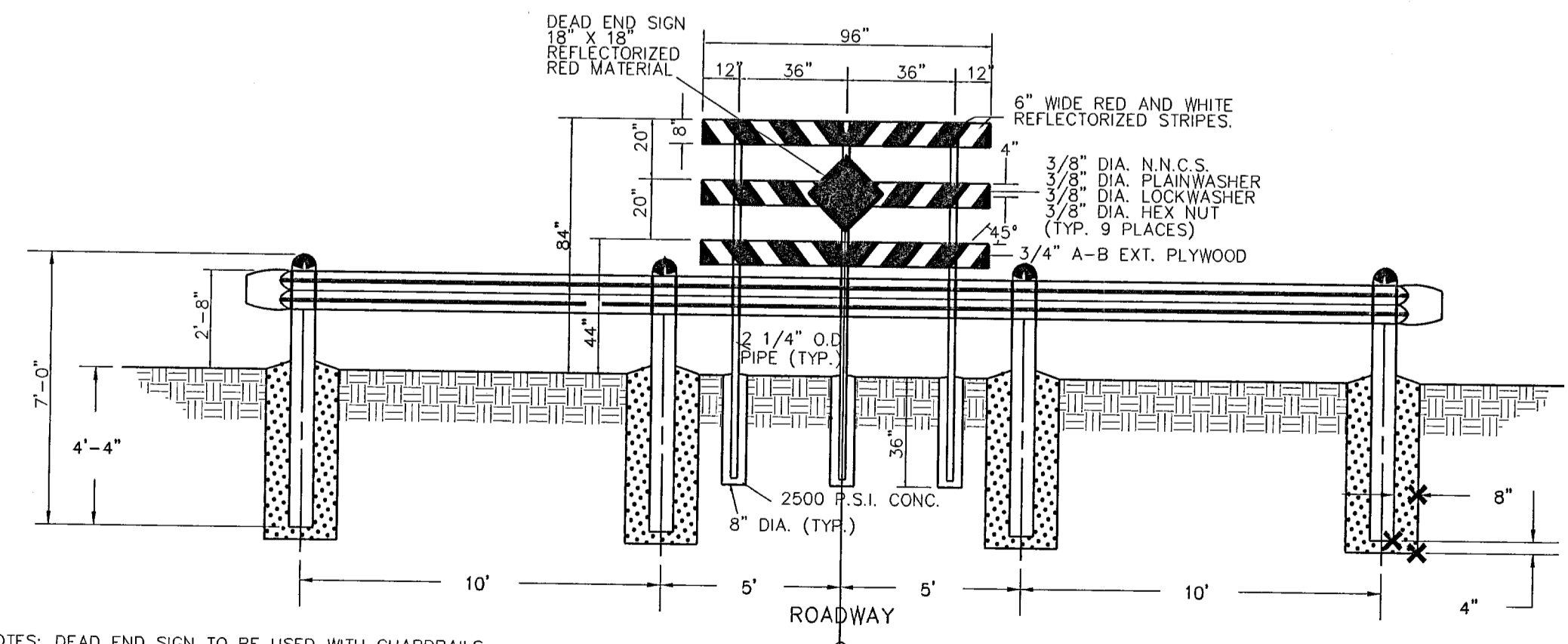
- SUBGRADE TO BE COMPACTED TO 95% OF MAXIMUM DENSITY AS PER ASTM D1557.
- BASE TO BE COMPACTED TO NOT LESS THAN 100% DENSITY IN ACCORDANCE WITH ASTM D1557. TYPE A, GRADE 1 OR 2.
- BITUMINOUS MATERIAL SHALL CONFORM TO AC-10 OR AC-20, TYPE "C" IN ACCORDANCE WITH ASTM D3318.
- PRIME COAT TO BE 0.25 GAL. 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.



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



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

BENCHMARKS

NGS MARKER: COPPER-CLAD STEEL ROD  
DESIGNATED: X 118" PID "C0141"  
ELEVATION: 3987.12

DATE	REVISIONS

PROJECT NAME  
**TIERRA DEL ESTE UNIT FIFTY SIX**

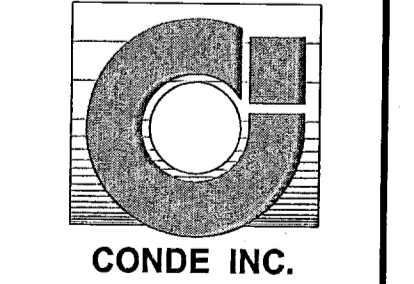
BEING A PORTION OF SECTIONS 46 AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.551 ACRES

SCALE  
Horizontal: AS SHOWN  
Vertical: ---

DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHECKED BY: Y.C.  
JOB NO.: 207-58

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

CONDE INC.  
ENGINEERING / PLANNING / SURVEYING / GPS  
1700 LEB REEVING DR. SUITE 400  
EL PASO, TEXAS 79906



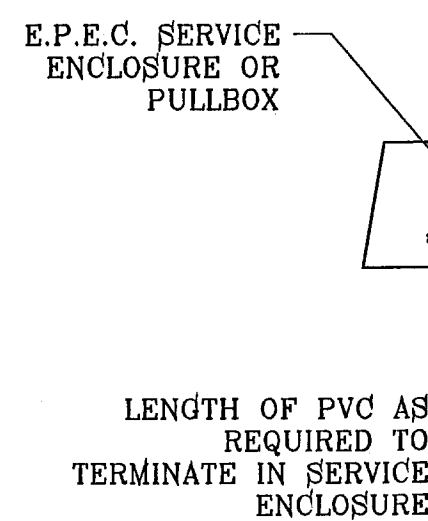
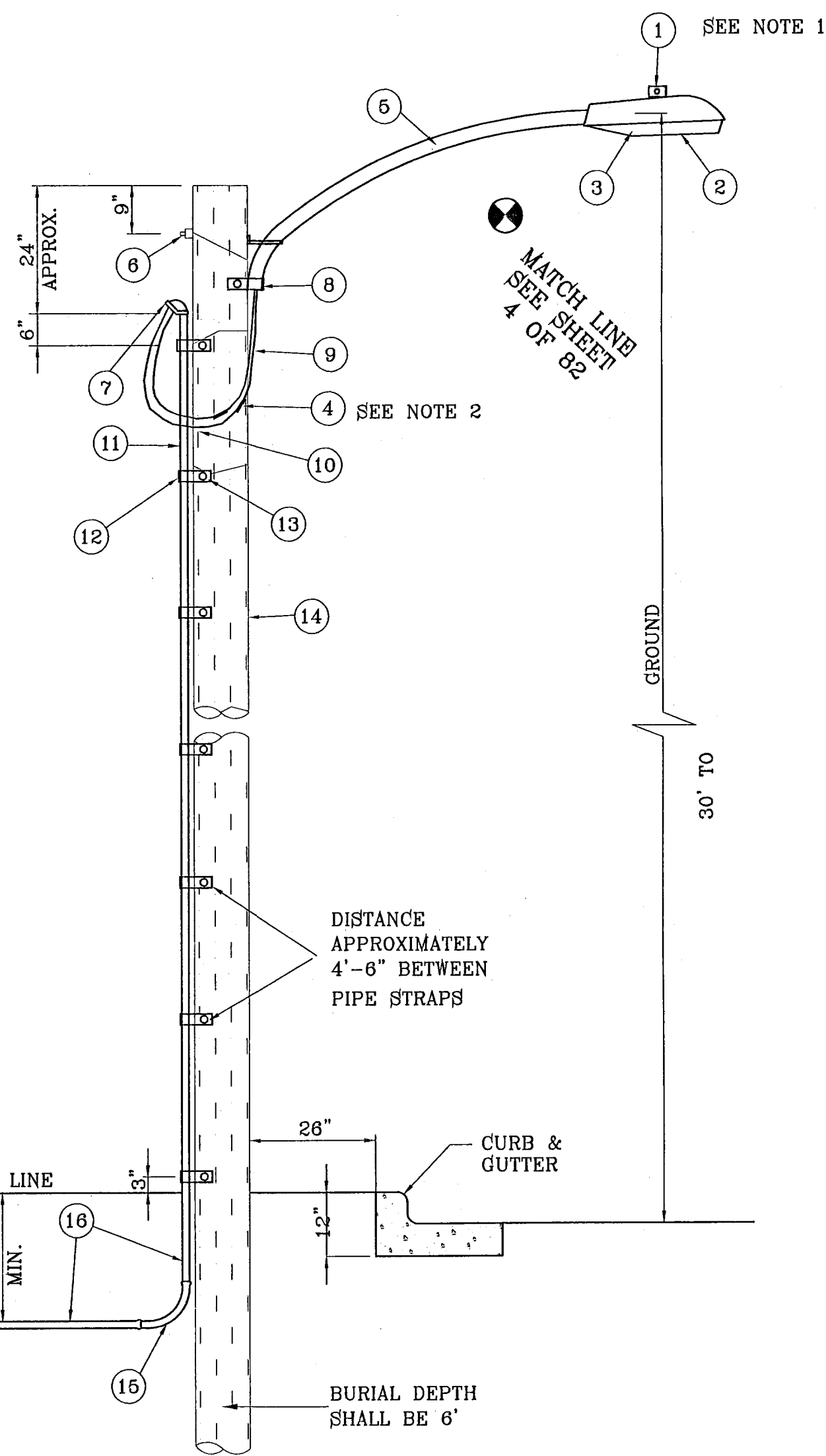
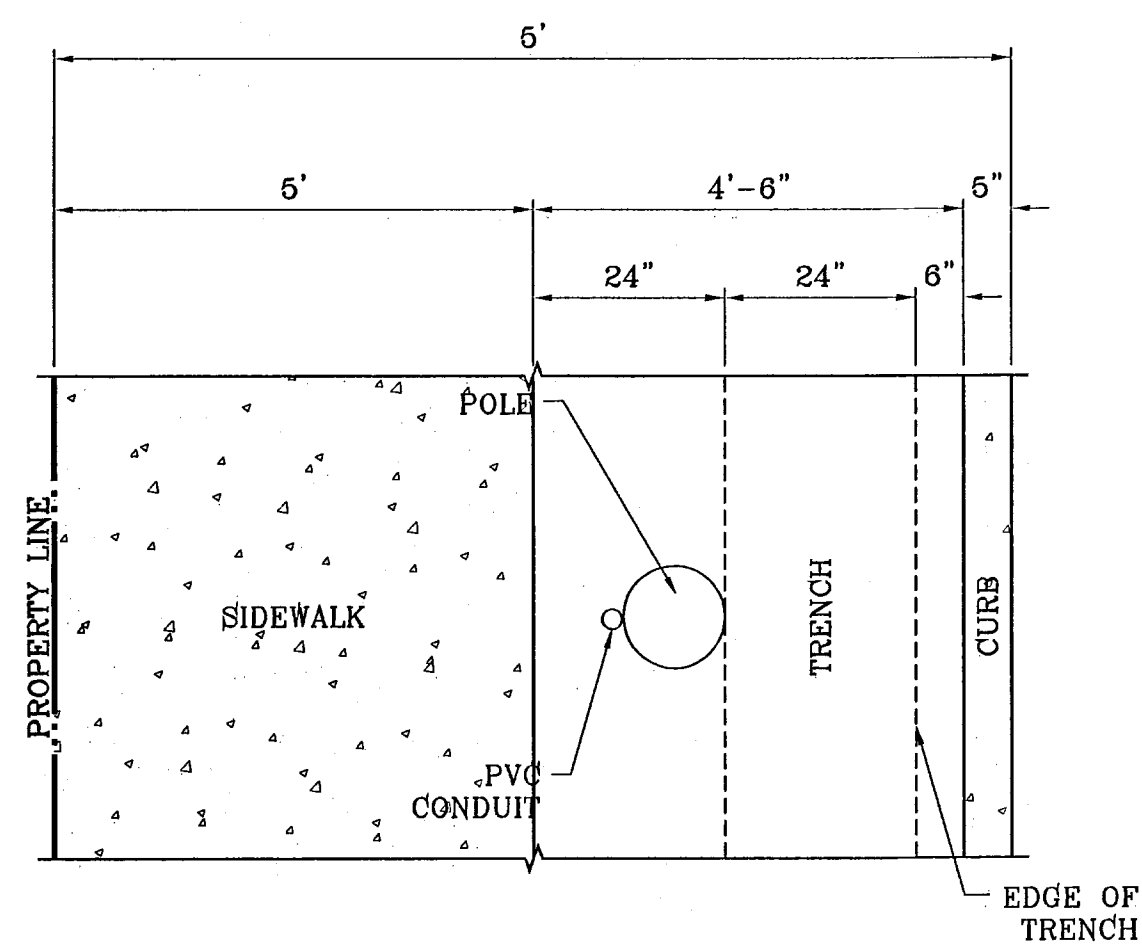
SHEET TITLE

STANDARD DETAILS

103109

TIERRA DEL ESTE UNIT FIFTY SIX

SHT 59 OF 62

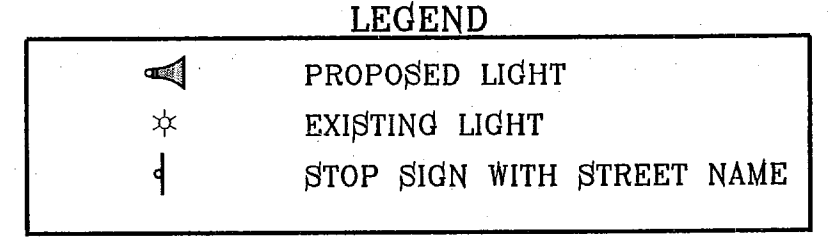
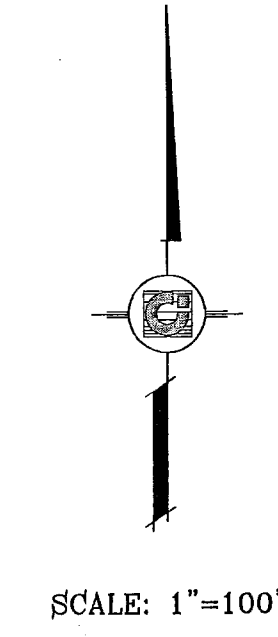
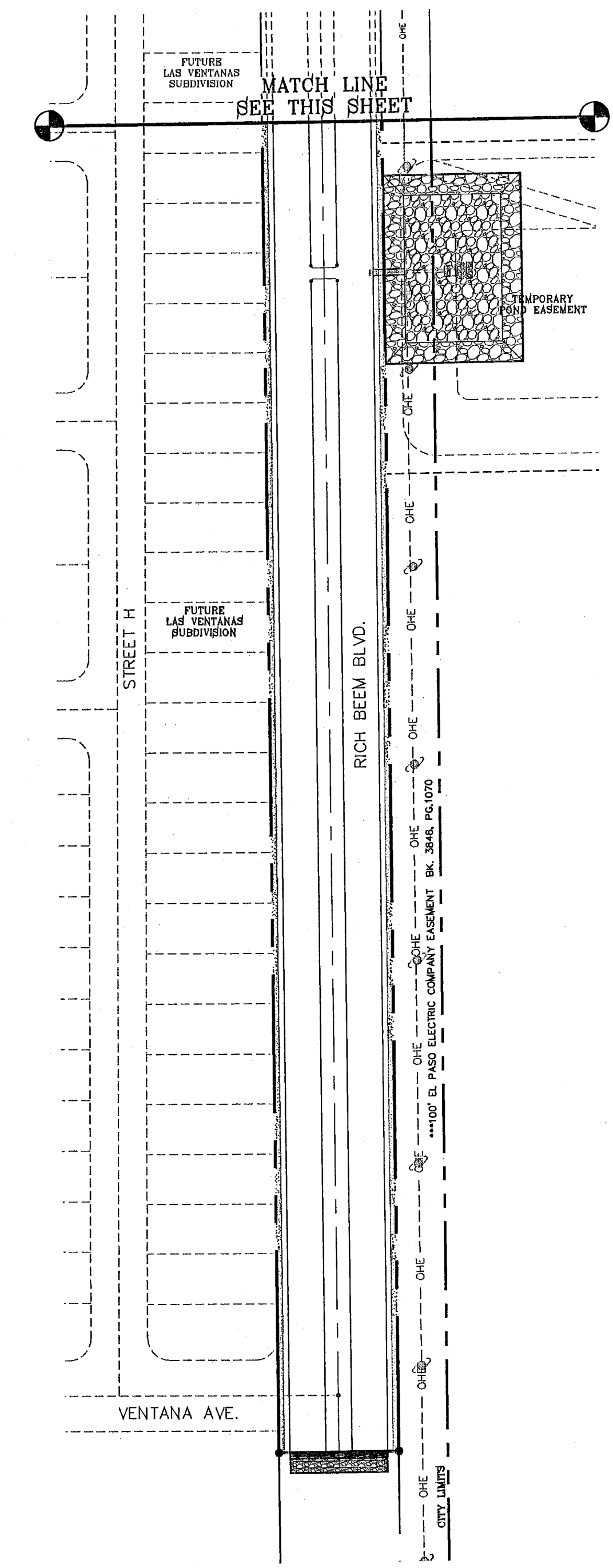
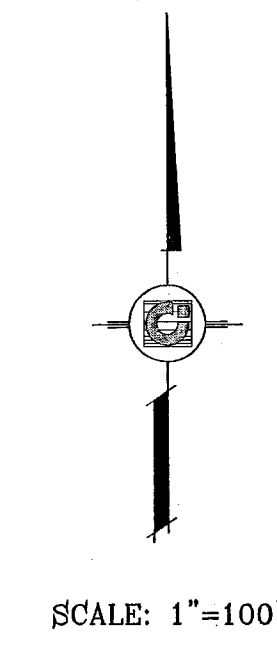
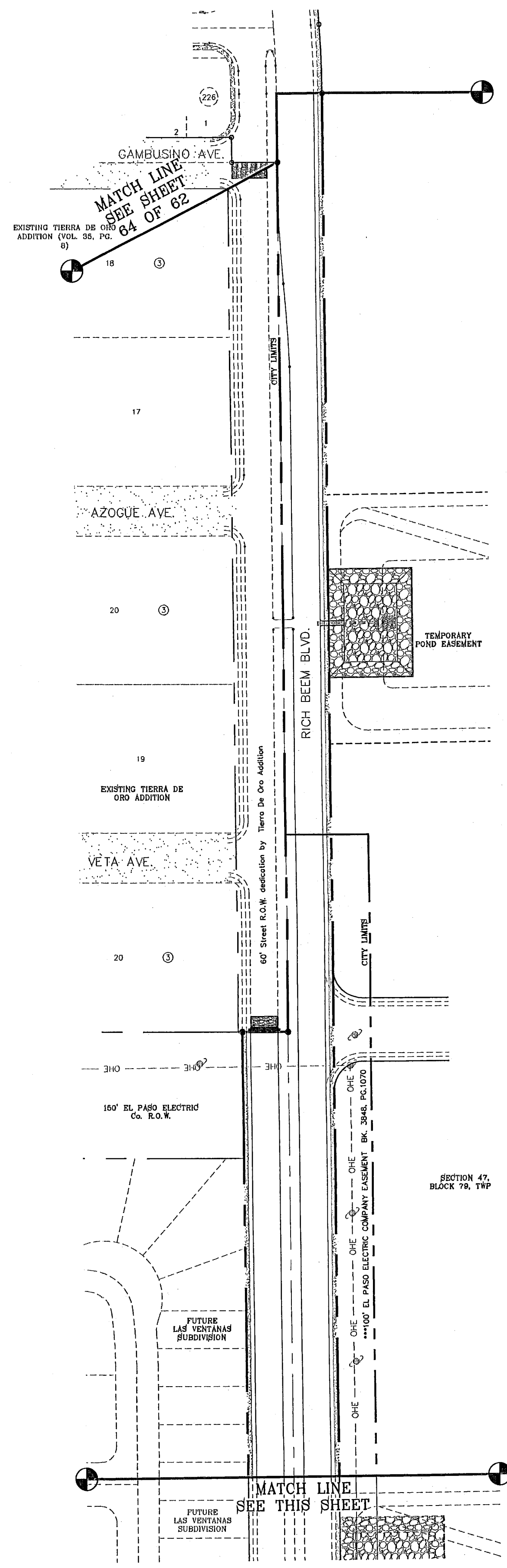


UNDERGROUND RESIDENTIAL STREET LIGHT WOOD POLE  
E.P.E.C. STD. DSU 805  
SCALE: 1"=2'

- 1 MOUNT SO THAT PHOTO CELL IS FACING NORTH.
- 2 ITEM #9 SHALL NOT BE SPLICED INSIDE ITEM #6.
- 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.

ITEM	No.	DESCRIPTION	STOCK\DSU No.	QTY.	QU 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		
6		MAST ARM, 6" x 1 1/4"	21-200	1	LBRKT1*6	
6		MACHINE BOLT, 5/8" x 12"	02-470	1		
		SQUARE GALV. WASHER, 2 1/4"x2 1/4"	02-760	1	LMB5/812	LCOBRAUG
		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" x3"	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, 36" CLASS 4	09-035	1	L354UG	
16		1" PVC 90 DEGREE ELBOW	17-297	1	LEL901	
18		1" PVC CONDUIT	17-299	AS REQ'D	LPVC1	
17		1" PVC 45 DEGREE ELBOW	17-298	1	LEL451	
18		1" PVC COUPLING	17-298	1	LCPLG1	

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

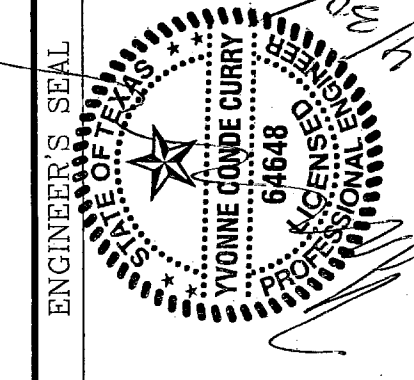


NOTE: STREET LIGHTING TO BE IN ACCORDANCE WITH EL PASO DESIGN STANDARDS, SECTION VIII

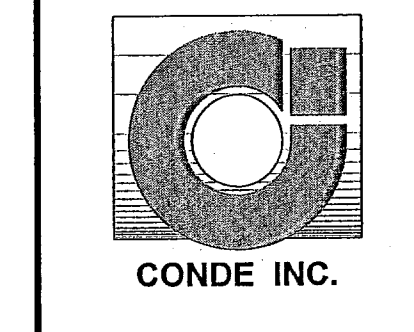
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REVISIONS	
DATE	12-06-07
BY	CITY REDLINES AS PER 11-19-07 COMMENTS O.M.

PROJECT NAME  
**TERRA DEL ESTE UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46 AND 47 BLOCK 79  
TOWNSHIP 12N RANGE 15E COUNTY 10W  
CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING 79.651 ACRES

SCALE  
Horizontal: 1"=100'  
Vertical: ---  
DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-53

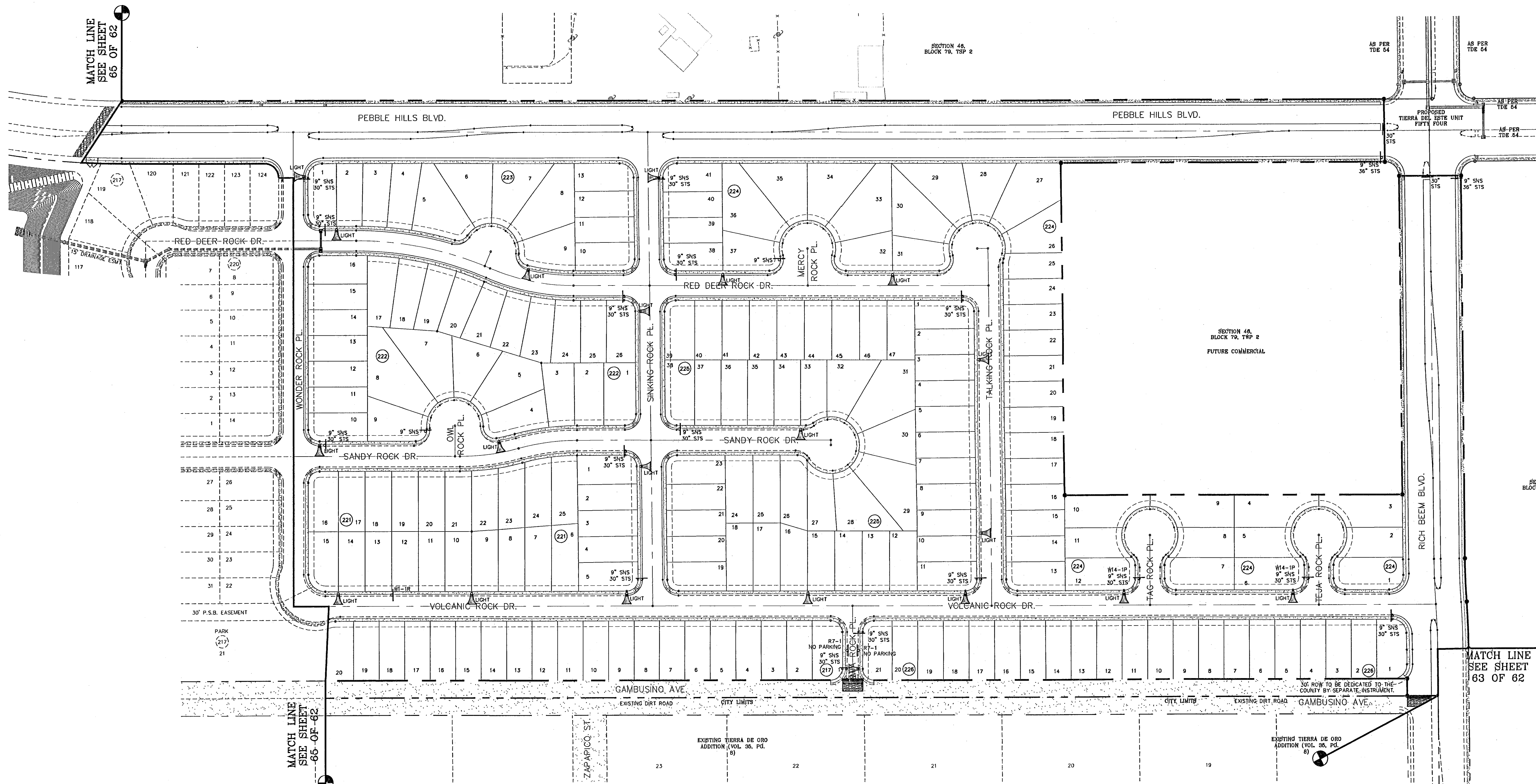


**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1796 LIB. RESERVING DR. STE 400  
EL PASO, TEXAS 79926



SHEET TITLE  
**ILLUMINATION PLAN**

103109  
TIERRA DEL ESTE UNIT FIFTY SIX



MATCH LINE  
SEE SHEET  
65 OF 62

MATCH LINE  
SEE SHEET  
66 OF 62

MATCH LINE  
SEE SHEET  
63 OF 62

**LEGEND**

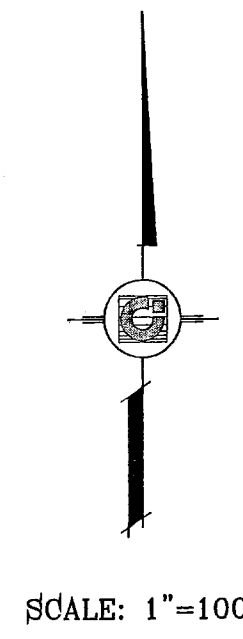
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	EXISTING LIGHT
	STOP SIGN WITH STREET NAME

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

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

**APPROVED ILLUMINATION PLAN**  
BY *[Signature]* DATE *5/3/08*  
DEPARTMENT OF TRAFFIC AND TRANSPORTATION

ALL ROADWAYS INTERSECTING EXISTING PUBLIC ROADWAYS SHALL REMAIN COMPLETELY CLOSED FOR PUBLIC USE UNTIL ACCEPTED FOR MAINTENANCE BY THE CITY.

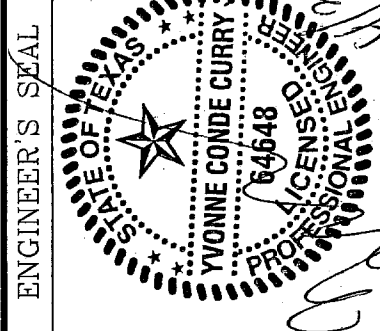


**BENCHMARKS**

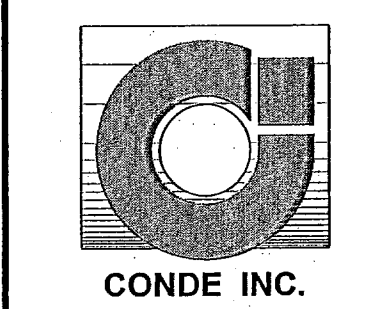
N/S MARKER, COPPER-CLAD STEEL ROD	DESIGNATED: X 1118" P.D. "CE0141"	ELEVATION: 3897.12
REVISIONS	DATE	BY
12-06-07 CITY REDLINES AS PER 11-19-07 COMMENTS O.M.		
02-06-08 POND AND CUL-DE-SAC REVISIONS O.M.		
04-23-08 CITY REDLINES AS PER 04-19-08 COMMENTS O.M.		

**PROJECT NAME**  
**Tierra Del Este**  
**UNIT FIFTY SIX**  
BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 79.561 ACRES

**SCALE**  
Horizontal: 1"=100'  
Vertical: ---  
DATE: MAY 2007  
DESIGN BY: Y.C.  
INITIATED BY: O.M.  
CHKD. BY: Y.C.  
JOB NO.: 207-63



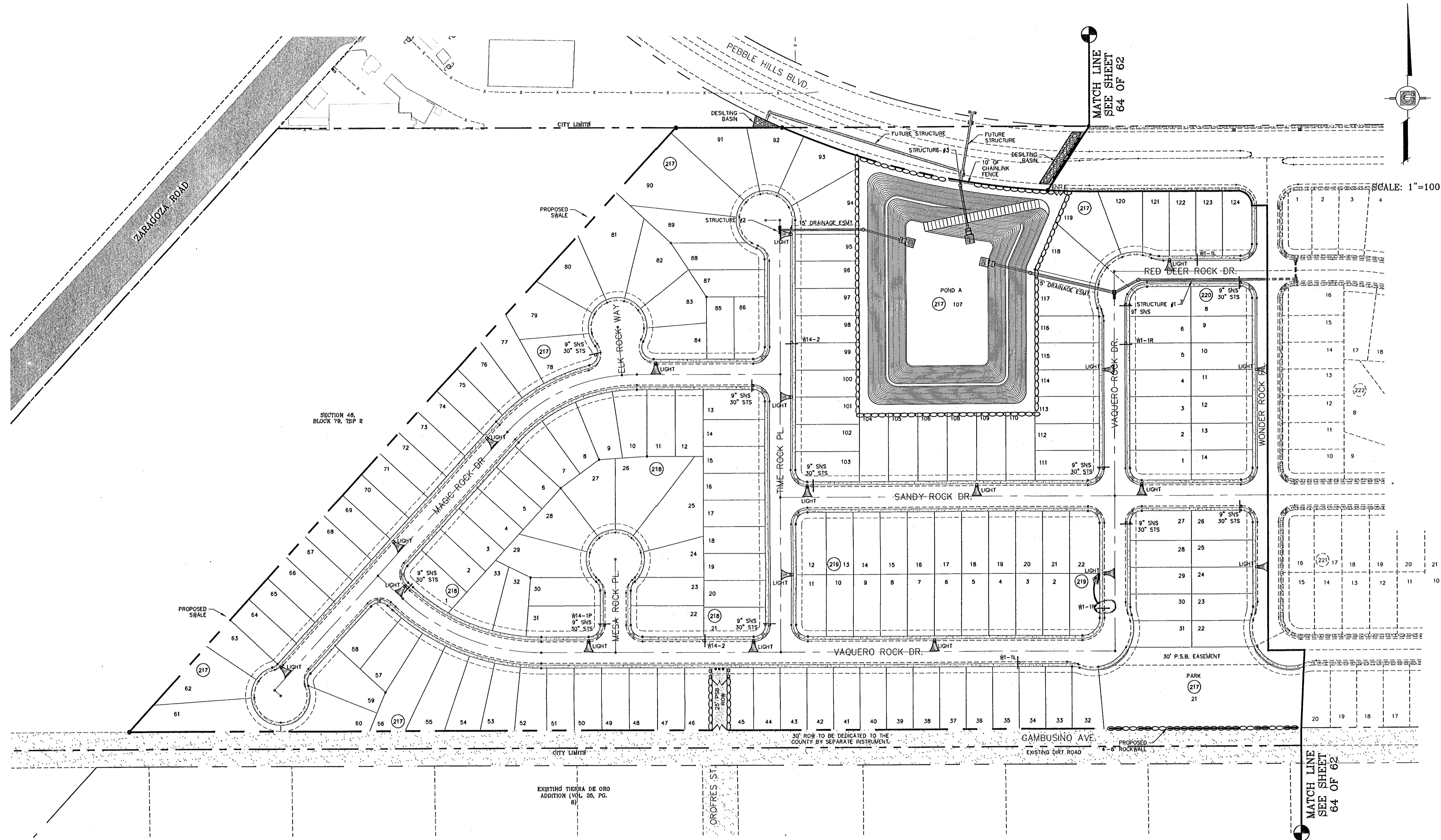
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
1700 LEBARRENO DR. SUITE 400  
EL PASO, TEXAS 79906



**SHEET TITLE**  
**ILLUMINATION PLAN**

**103109**  
TIERRA DEL ESTE UNIT FIFTY SIX

SHT 61 OF 62



**LEGEND**

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

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

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

**APPROVED ILLUMINATION PLAN**  
 DATE 5/18/08  
 DEPARTMENT OF TRAFFIC AND TRANSPORT

ALL ROADWAYS INTERSECTING EXISTING PUBLIC ROADWAYS SHALL REMAIN COMPLETELY CLOSED FOR PUBLIC USE UNTIL ACCEPTED FOR MAINTENANCE BY THE CITY.

**BENCHMARKS**

DATE	BY	REVISIONS
02-06-08	POND AND CUL-DE-SAC REVISIONS	O.M.
04-23-08	CITY REDLINES AS PER 04-15-08 COMMENTS	O.M.

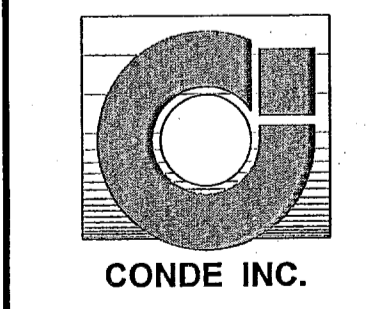
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 DESIGNATED: X 1118" PID "CE0141"  
 ELEVATION: 3987.12

**PROJECT NAME**  
**TERRA DEL ESTE UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79, TOWNSHIP 22, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, COUNTY OF EL PASO, TEXAS.  
 CITY OF EL PASO, TEXAS.  
 CONTAINING 79.661 ACRES

**SCALE**  
 Horiz: 1"=100'  
 Vert: ---  
 DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-53



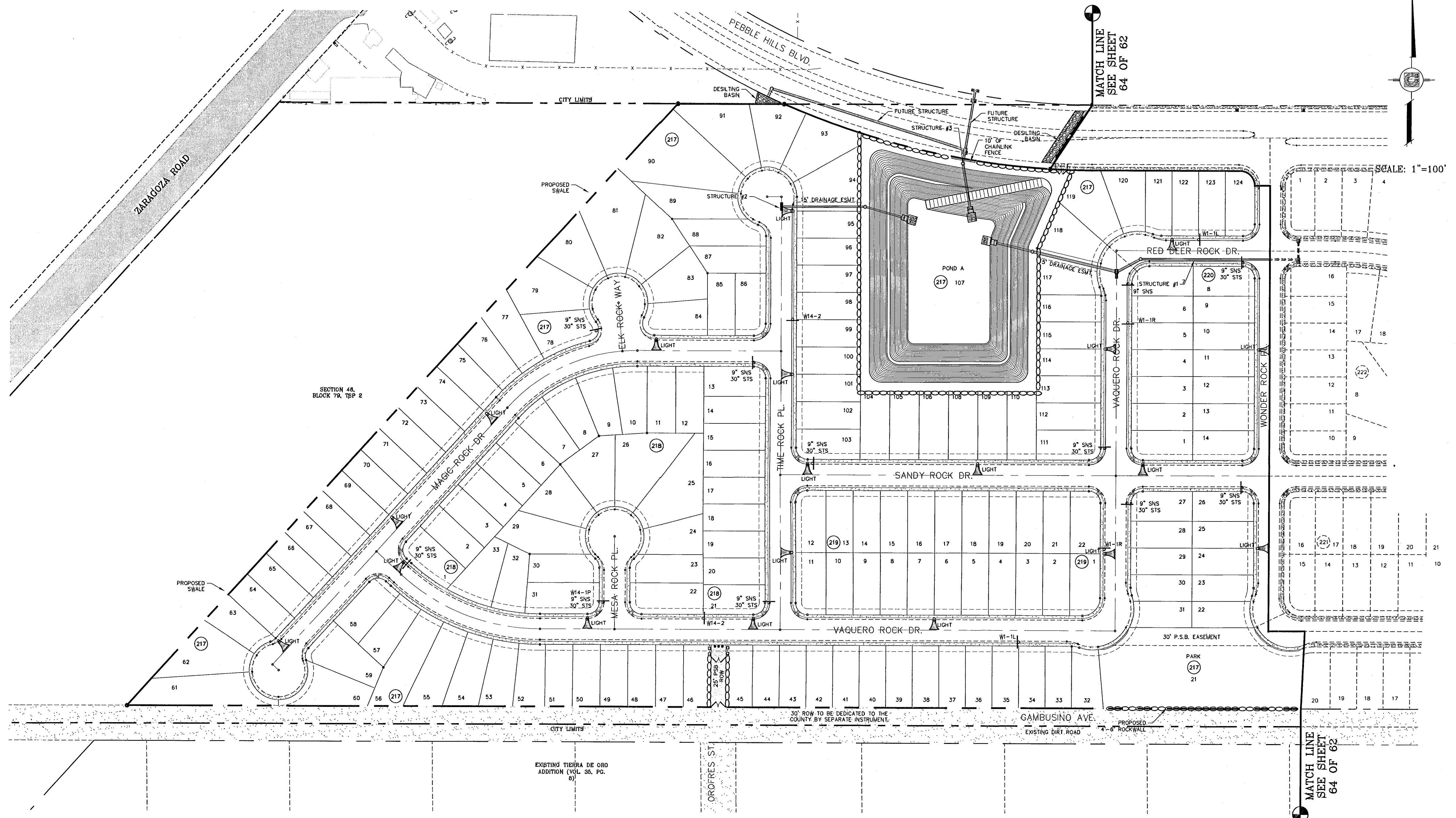
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 1790 L. B. GAMBUSINO DR. SUITE 400  
 EL PASO, TEXAS 79906



**SHEET TITLE**  
**ILLUMINATION PLAN**

**103109**  
 TIERRA DEL ESTE UNIT FIFTY SIX

SHT 62 OF 62



**LEGEND**

	PROPOSED LIGHT
	EXISTING LIGHT
	STOP SIGN WITH STREET NAME

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

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

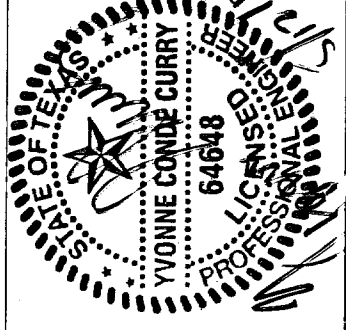
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**BENCHMARKS**

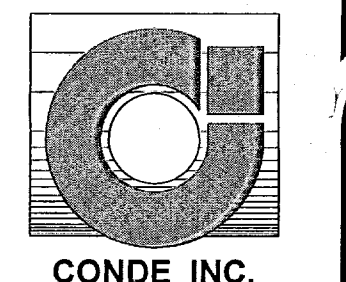
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DATE	REVISIONS	
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03-23-08	CITY REDLINES AS PER 04-18-08 COMMENTS	O.M.
03-12-08	CITY REDLINES AS PER 03-08-08 COMMENTS	O.M.

**PROJECT NAME**  
**TERRA DEL ESTE**  
**UNIT FIFTY SIX**  
 BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79, AND PART OF RAILROAD COMPANY SURVEYS, TOWNSHIP 10N, RANGE 10E, COUNTY OF EL PASO, TEXAS. CITY OF EL PASO, TEXAS. CONTAINING 78.661 ACRES.

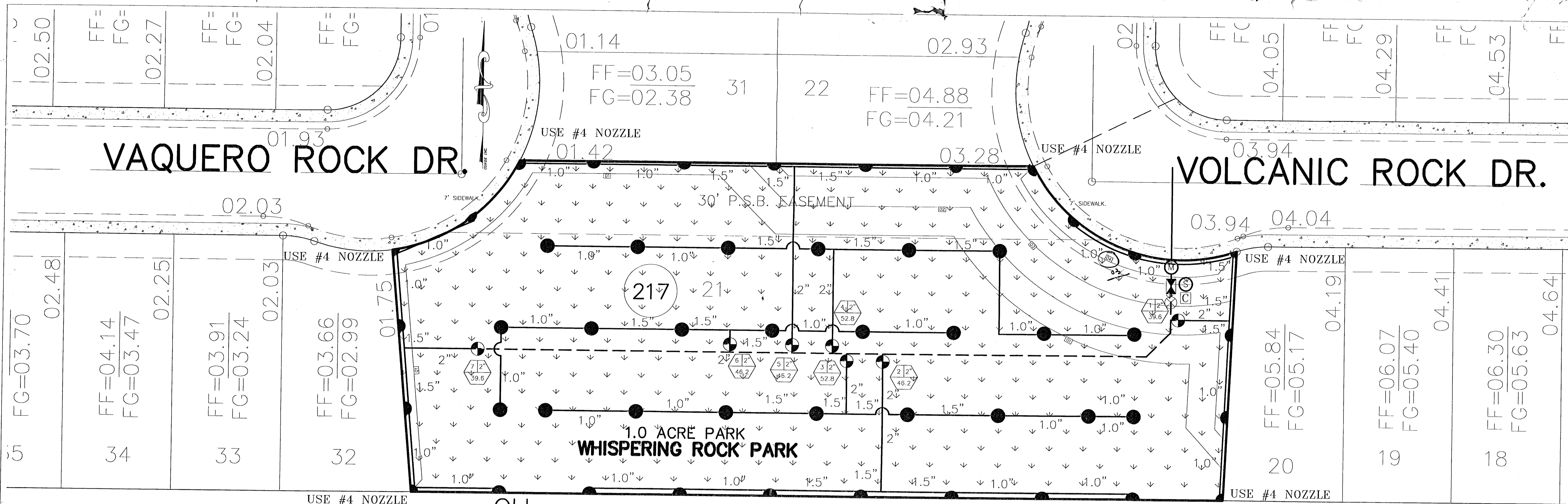
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 Vert: ---  
 DATE: MAY 2007  
 DESIGN BY: Y.C.  
 INITIATED BY: O.M.  
 CHKD. BY: Y.C.  
 JOB NO.: 207-53



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



**SHEET TITLE**  
**ILLUMINATION PLAN**



**GENERAL NOTES**

- The Contractor shall verify the exact location of all existing and proposed utilities, and all site conditions prior to beginning. Any Damage caused by the Contractor shall be repaired or replaced at no additional cost to the Owner.
- Locate all heads and valves away from low spots or areas of drainage flow.
- 24V Electric Control Wire (#14C) and Common Ground (#12C) shall be direct burial, color coded, and all connections shall be waterproofed. No splices between controller and valves allowed. Provide expansion coils at all valves and 200' on center maximum.
- Use sleeves whenever piping/wiring run beneath paved surfaces (drives, walks, etc.). Sleeves must be two times the size of the diameter of pipe enclosed and extended to a minimum of 24" past the edges.
- The contractor shall fine tune and adjust the irrigation system so that no water/spray will run onto the street, walks, or hit any building, walls, etc. This shall include adjusting heads, nozzles, spray arcs & radius, etc.
- Sidewalk shall be 7' wide at the back of the curb and drain towards the park. Maximum 2% cross slope will be permitted as per ADA standards.
- The contractor shall provide the Owner with As-Built Drawings on Mylar prior to approval of Final Payment.

**KEYED NOTES**

- Irrigation System Tap Point 2" Meter: Verify 55 psi & 55.5 gpm and notify Owner in writing.
- Controller Location: 110V Power by General Contractor. Location of electrical service to be placed in close proximity to controller and water meter.

**SODDING INSTALLATION**

- SOD TYPE: HYBRID SANTA ANA BERMUDA
- Lay sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod strips. Do not overlap edges. Stagger strips to offset joints in adjacent courses. Provide sod pad top flush with adjacent curbs, sidewalks, drains.
  - Do not lay dormant sod or install sod on saturated or frozen soil.
  - Install initial row of sod in a straight line, beginning at bottom of slopes, perpendicular to direction of the sloped area. Place subsequent rows parallel to and slightly against previously installed row.
  - Peg sod on slopes greater than 3 to 1 to prevent slippage at a rate of 2 stakes per yd. of soil.
  - Water sod thoroughly with a fine spray immediately after laying.
  - Roll with light roller to ensure contact with sub-grade. Rolling shall be performed in two opposite directions.

**IRRIGATION LEGEND**

⊠	FEBCO 825YA 2" RPBA W/ HYDROCONV. ENCLOSURE
⊡	2" WATER METER (INSTALLED BY DEVELOPER)
⊙	WEATHERMATIC 8200CR-20 VALVE
⊕	HUNTER RAIN-CLIK RAIN SENSOR Mounted on 10' pole
⊗	PVC BALL VALVE IN VALVE BOX (SAME SIZE AS PIPING)
⊘	RAINBIRD ESP-12 SAT IW STATION CONTROLLER
---	LATERAL PIPE CLASS 200 IPS PLASTIC PIPE (SIZE AS NOTED ON PLAN)
---	MAIN PIPING 2" PVC CLASS 200 IPS PLASTIC PIPE
⊠	1" Buckner DBL Lug OC Snap Lok w/Male brass stabilizer elbow/w/ 11" x 17" boxes that have hinged and bolt down covers.
⊙	HUNTER I-25 STAINLESS STEEL GEAR DRIVEN ROTOR NOZZLES: #7 @ 40 PSI 6.6 GPM 45' RADII
A)	VALVE #
B)	VALVE SIZE
C)	GPM'S

**PLANT SCHEDULE AND GROUND COVER**

SYM.	TYPE	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	HT.	WT.	FORM	DESCRIPTION
			HYBRID BERMUDA SOD - SANTA ANA						GROUND COVER

**WHISPERING ROCK PARK**

LOT 21, BLOCK 217  
PRESSURE LOSS CALCULATIONS: STATION 7 SECTION GPM 39.6

2" Water meter @ 55.5 gpm	2.20 Psi Loss
2" Type 'L' Copper 20' @ 55.5 gpm	0.50 Psi Loss
2" Febco 825YA Backflow @ 55.5 gpm	4.00 Psi Loss
2" C150 200 PSI PVC Pipe 300' @ 55.5 gpm	5.65 Psi Loss
2" Weathermatic 8200 CR-20 Valve @ 39.6 gpm	1.05 Psi Loss
2" C 150 200 PSI PVC Pipe 30' @ 39.6 gpm	0.29 Psi Loss
1 1/2" C 150 200 PSI PVC Pipe 25' @ 19.8 gpm	0.20 Psi Loss
1" C 150 200 PSI PVC Pipe 35' @ 13.2 gpm	0.90 Psi Loss
1" C 150 200 PSI PVC Pipe 35' @ 6.6 gpm	0.20 Psi Loss
<b>TOTAL PRESSURE LOSS</b>	<b>14.99 Psi Loss</b>
<b>AVAILABLE PRESSURE LESS THE LOSS (55-14.99)</b>	<b>40.01 Psi</b>
<b>PRESSURE REQUIRED AT CRITICAL HEAD</b>	<b>40.00 Psi</b>

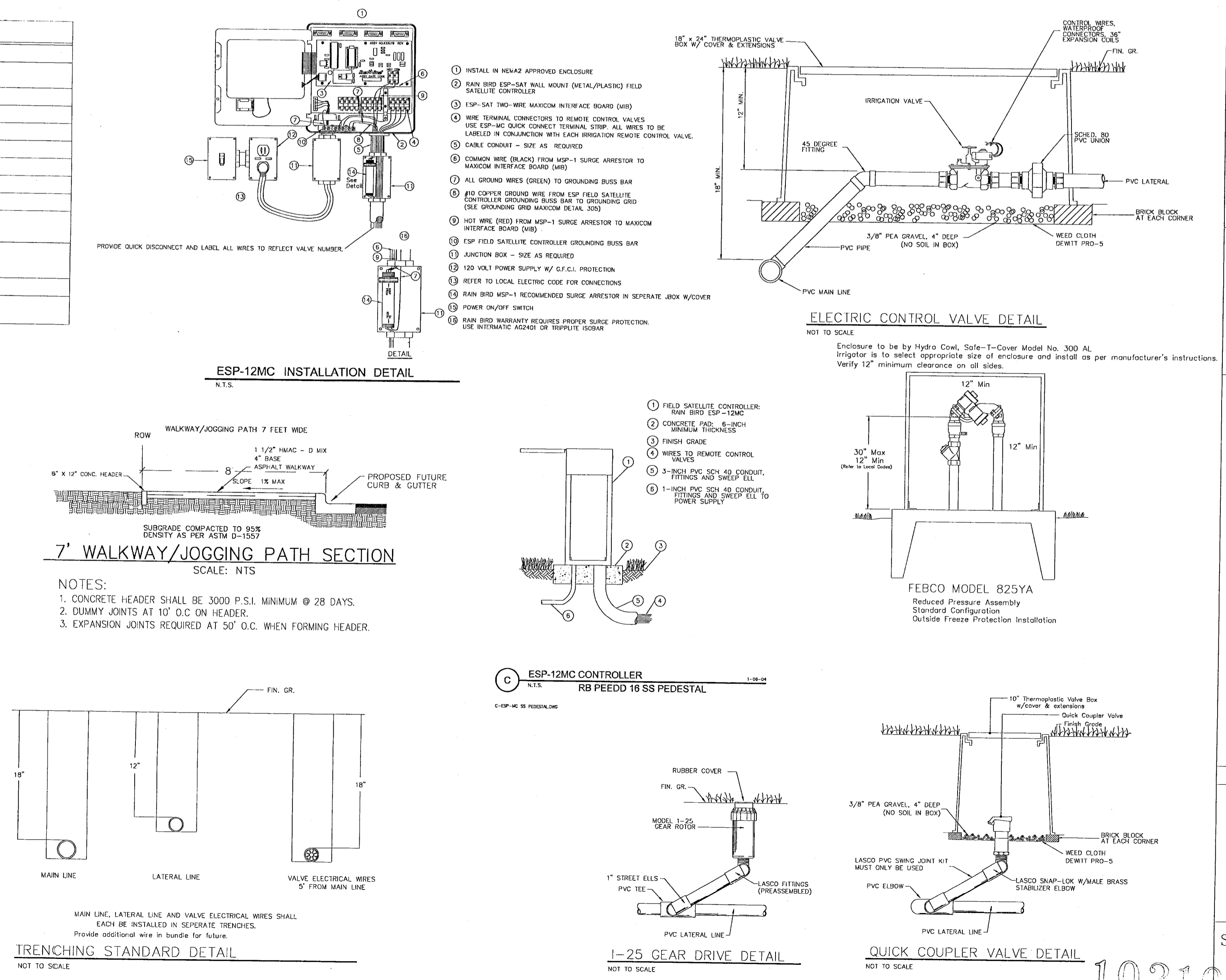
**WHISPERING ROCK PARK**

CITY PARK PRECIPITATION SCHEDULE

STATION NO.	TOTAL GPM	PRECIPITATION RATE	WATERING REQUIREMENTS	NO. OF HEADS	NOZZLE SIZE	VALVE SIZE
1	39.6	1.07 IN/HR	67 MINS. PER DAY FOR AN APPLICATION OF 1.2" PER DAY	6	#7	2"
2	48.2	1.07 IN/HR	67 MINS. PER DAY FOR AN APPLICATION OF 1.2" PER DAY	7	#7	2"
3	52.8	0.51 IN/HR	141 MINS. PER DAY FOR AN APPLICATION OF 1.2" PER DAY	8	#7	2"
4	52.8	0.51 IN/HR	141 MINS. PER DAY FOR AN APPLICATION OF 1.2" PER DAY	8	#7	2"
5	48.2	1.07 IN/HR	67 MINS. PER DAY FOR AN APPLICATION OF 1.2" PER DAY	7	#7	2"
6	48.2	0.51 IN/HR	141 MINS. PER DAY FOR AN APPLICATION OF 1.2" PER DAY	7	#7	2"
7	39.6	1.07 IN/HR	67 MINS. PER DAY FOR AN APPLICATION OF 1.2" PER DAY	6	#7	2"

Total Run Time: 11 hrs. 31 mins.

DS = 37  
RS = 34



**SWLDS INC.**  
Southwest Land Development Services, Inc.  
1790 LEE TREVINO DR. STE 801  
EL PASO, TEXAS 79936

**PROJECT NAME**  
WHISPERING ROCK PARK 1.00 AC.  
13954 VAQUERO ROCK DR.  
LOT 21, BLOCK 217,  
TIERRA DEL ESTE UNIT FIFTY SIX  
IRRIGATION PLAN

**DATE**  
12/27/2007

**REVISIONS**

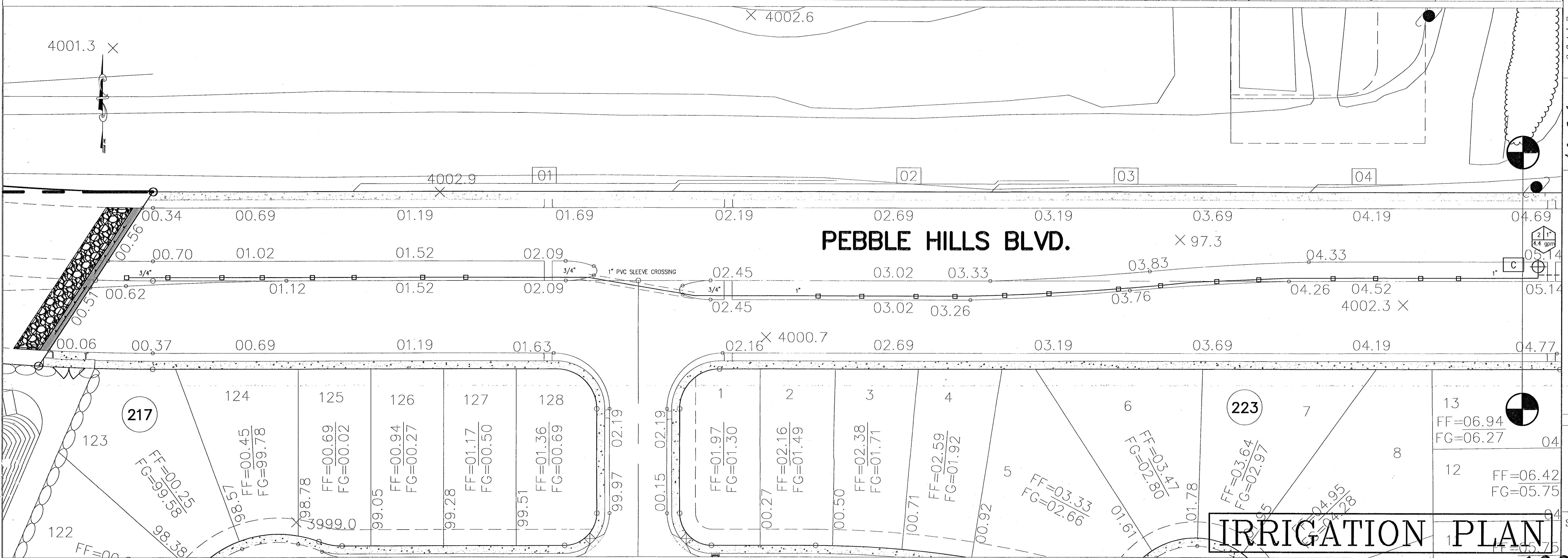
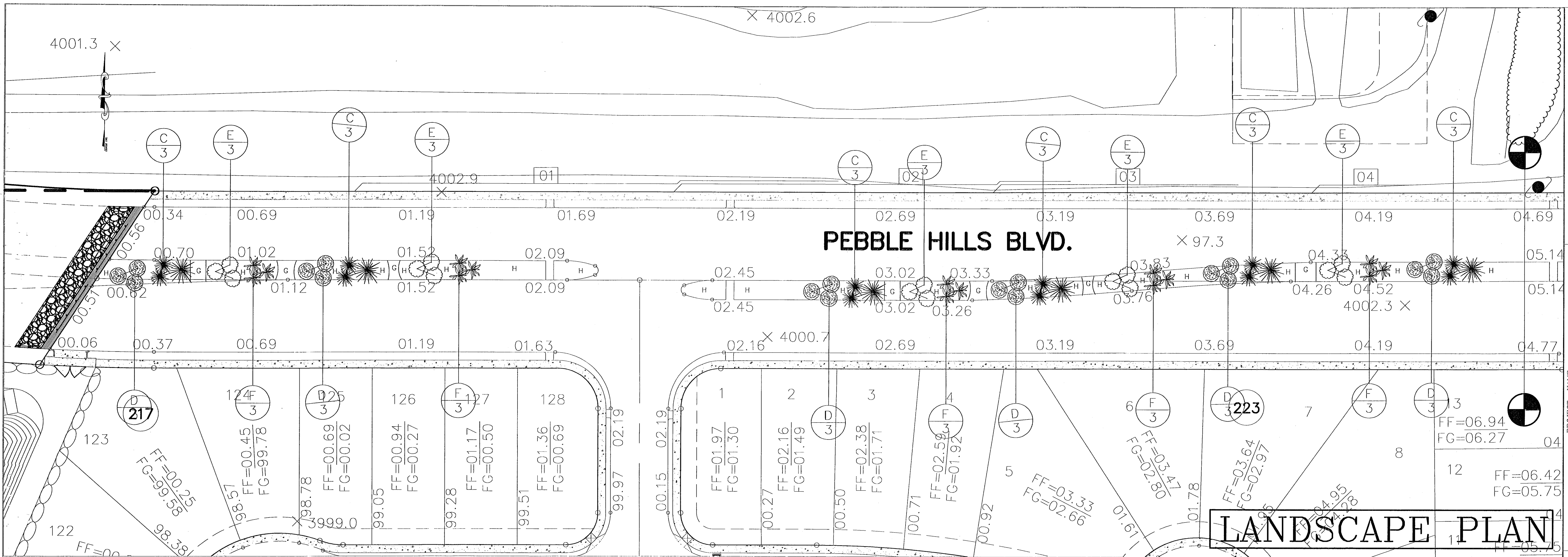
NO.	DATE	DESCRIPTION
1	04/29/2008	As per owner, sidewalk, meter, rainbird

**SCALE**  
Horizontal: 1"=20'  
Vertical: N/A

**DESIGN BY:** RMJR  
**DRAWN BY:** RMJR  
**CHECK BY:** RMJR  
**JOB NO.:** 9000

**SHEET TITLE**  
SHT LI-10P 1

103109



REFERENCES -- BENCHMARKS

DATE	REVISIONS	BY

PROJECT NAME: **PEBBLE HILLS BLVD. MEDIAN LANDSCAPING AND IRRIGATION TIERRA DEL ESTE 56**

SCALE: Horiz. 1"=30'

DATE: SEPT 2007

DESIGN BY: RMJR

DRAWN BY: RMJR

CHECKED BY: RMJR

JOB NO.:

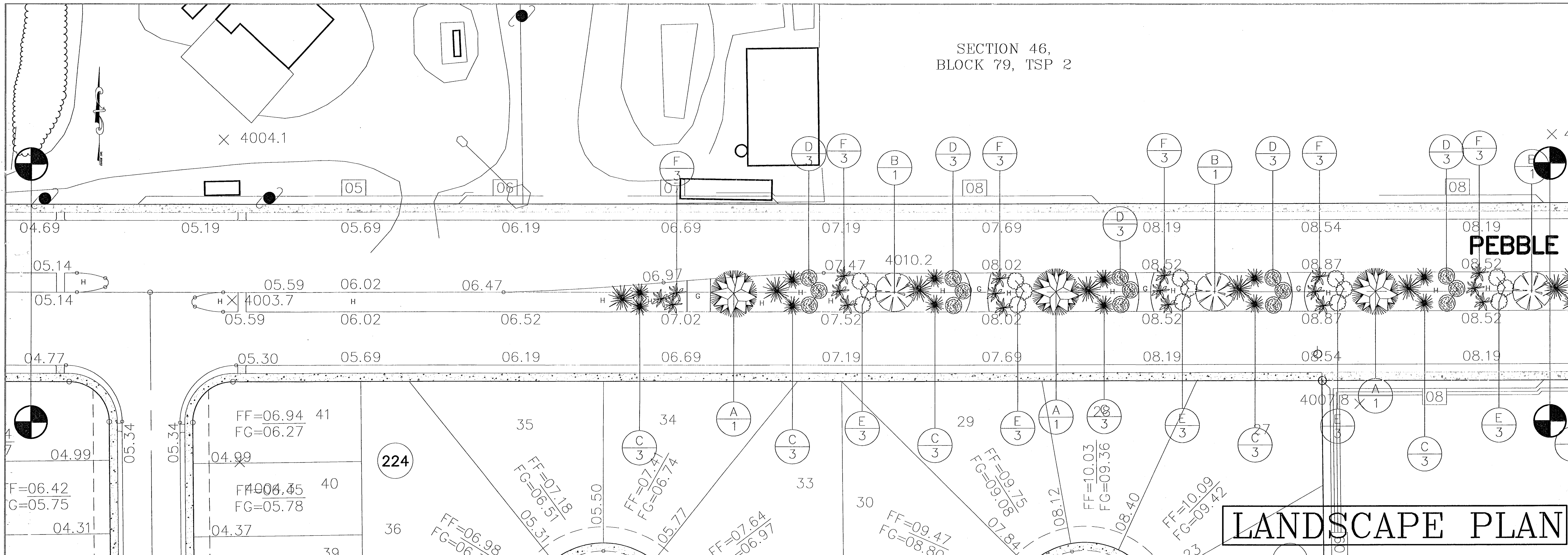
SWLDS INC. Southwest Land Development Services, Inc. 1790 LEE TREVIÑO DR. STE 601 EL PASO, TEXAS 79966

SHEET TITLE

SHT 1 OF 8

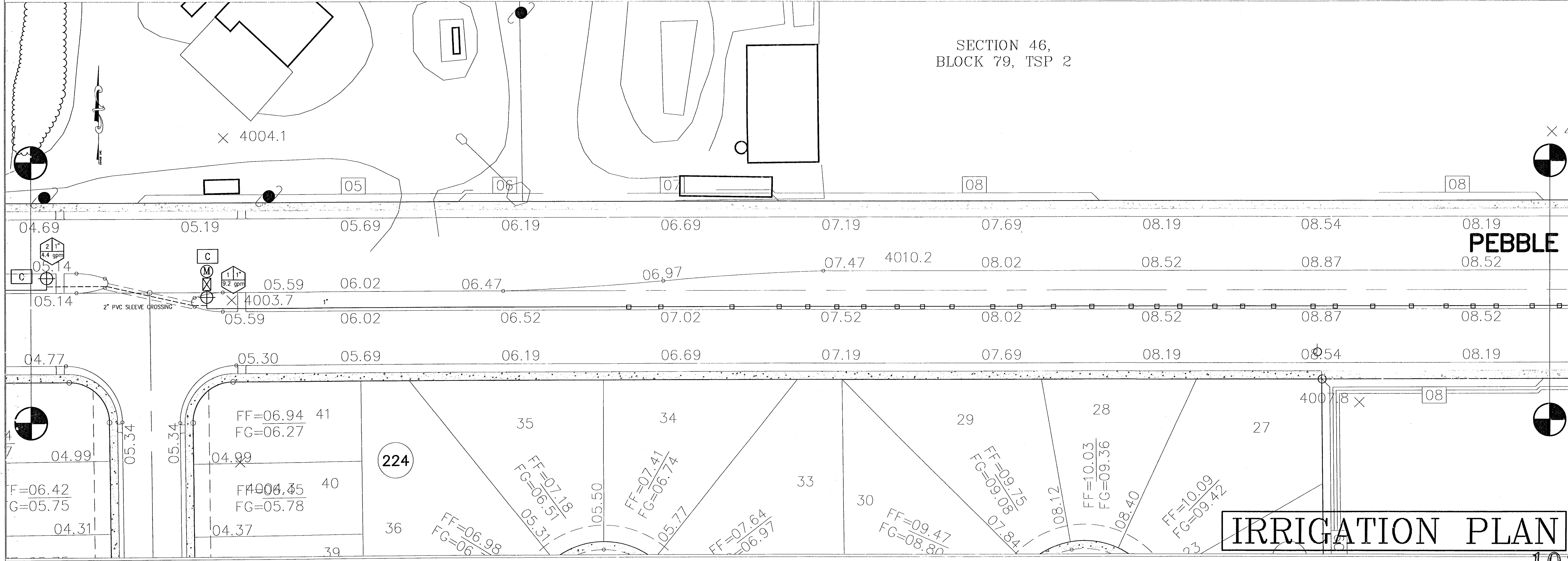
103109

SECTION 46,  
BLOCK 79, TSP 2



**LANDSCAPE PLAN**

SECTION 46,  
BLOCK 79, TSP 2



**IRRIGATION PLAN**

REFERENCES -- BENCHMARKS

DATE	REVISIONS

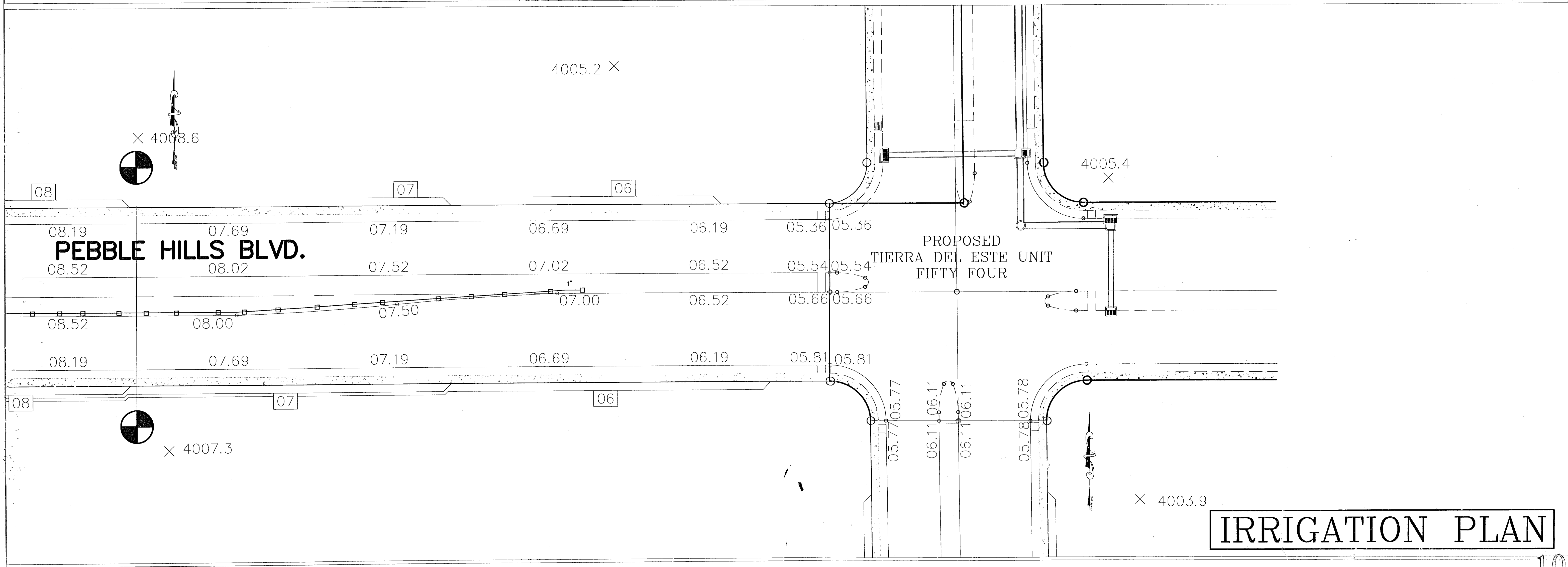
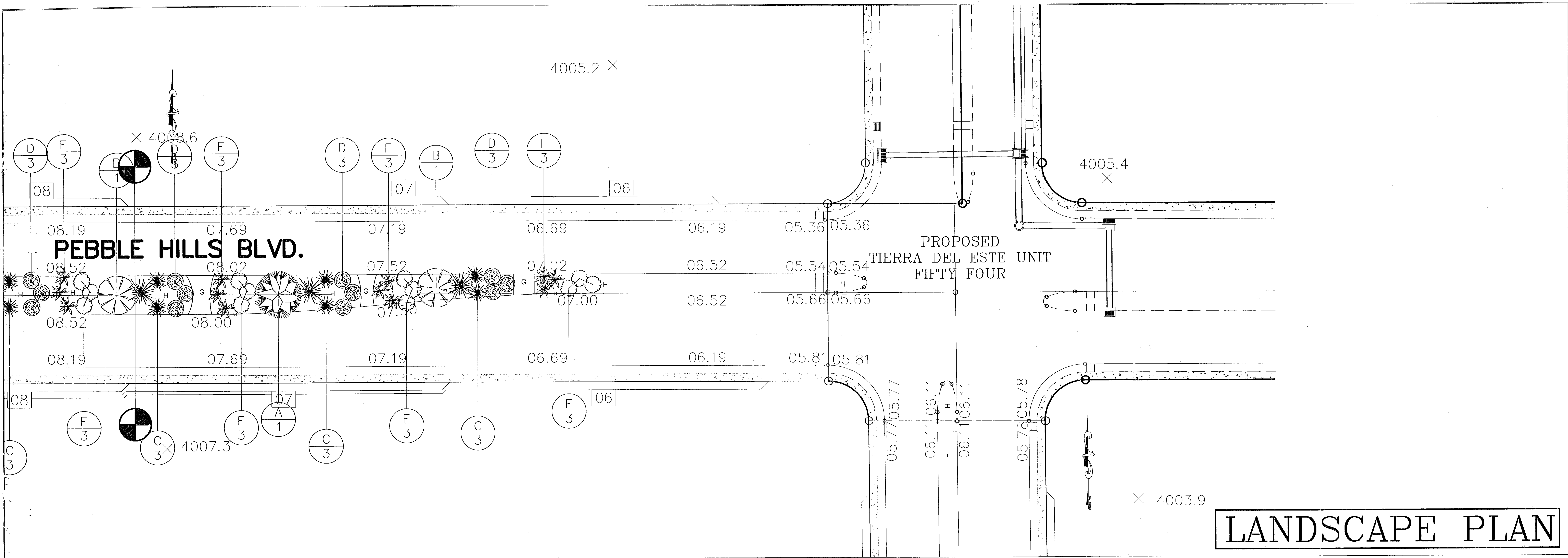
PROJECT NAME  
**PEBBLE HILLS BLVD.  
 MEDIAN LANDSCAPING  
 AND IRRIGATION  
 TIERRA DEL ESTE 56**

S.C.A.I.P.  
 Horiz. 1"=30'  
 Vert. 4"=200'  
 DATE: SEPT 2007  
 DESIGN BY: RMJR  
 DRAWN BY: RMJR  
 CHD. BY: RMJR  
 JOB NO. 3000

**SWLDS INC.**  
 Southwest Land Development Services, Inc.  
 1790 LEE TREVINO DR. STE 601  
 EL PASO, TEXAS 79956

SHEET TITLE  
 SHT 2 OF 8





REFERENCES -- BENCHMARKS

DATE	REVISIONS

PROJECT NAME

PEBBLE HILLS BLVD.  
MEDIAN LANDSCAPING  
AND IRRIGATION  
TIERRA DEL ESTE 56

SCALE

Horiz: 1"=30'

Vert: 1"=30'

DATE: SEPT. 2007

DESIGN BY: RMJR

DRAWN BY: RMJR

CHECKED BY: RMJR

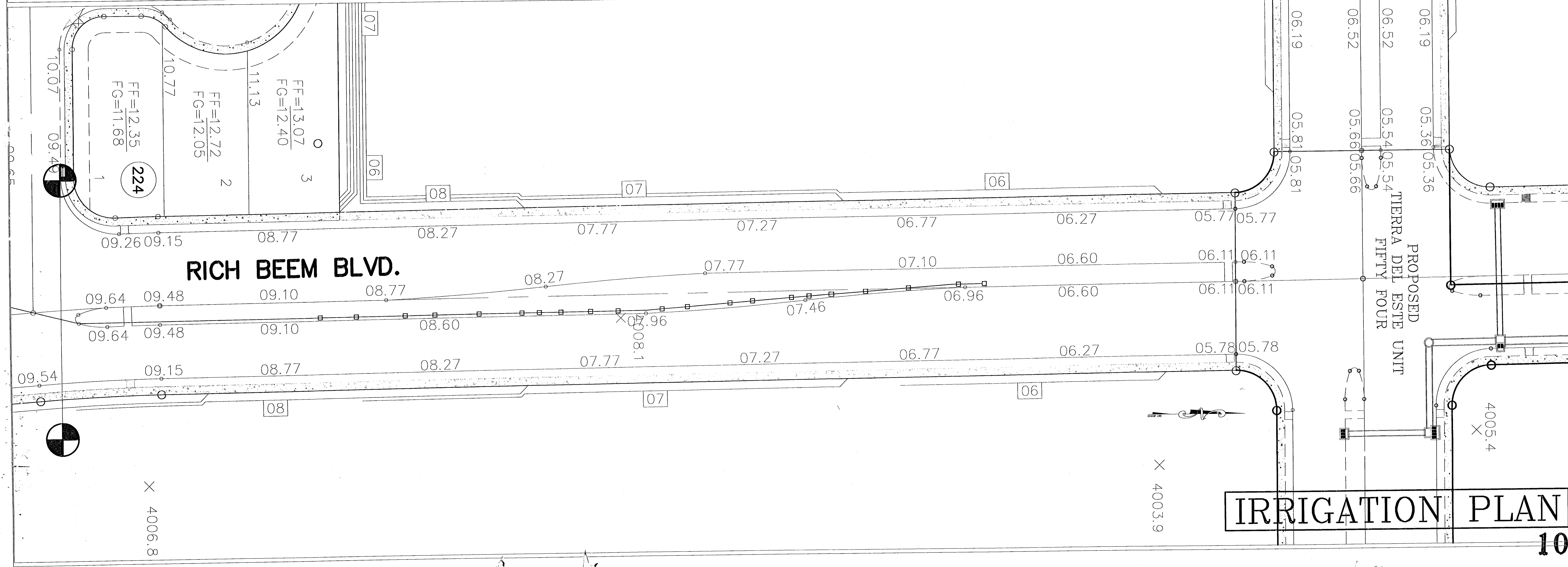
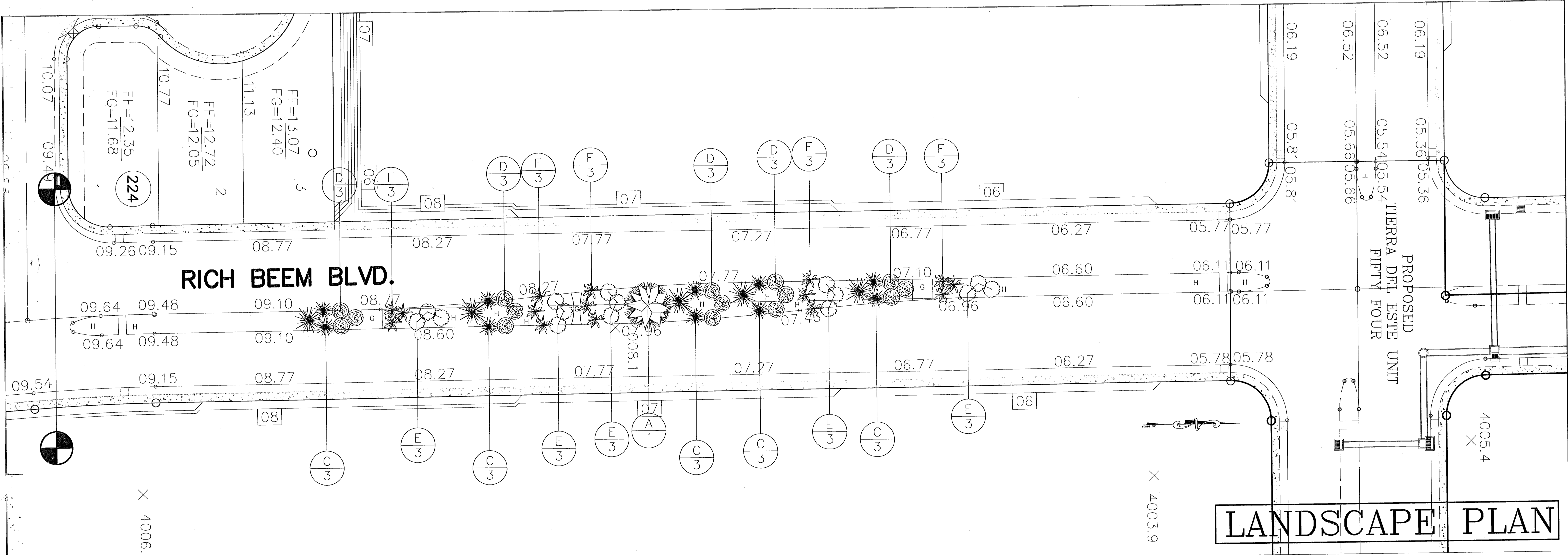
JOB NO.:

4-20-2008

**SWLDS INC.**  
Southwest Land Development Services, Inc.  
1700 LEE TREVIÑO DR. STE 601  
EL PASO, TEXAS 79936

SHEET TITLE

SHT 3 OF 8

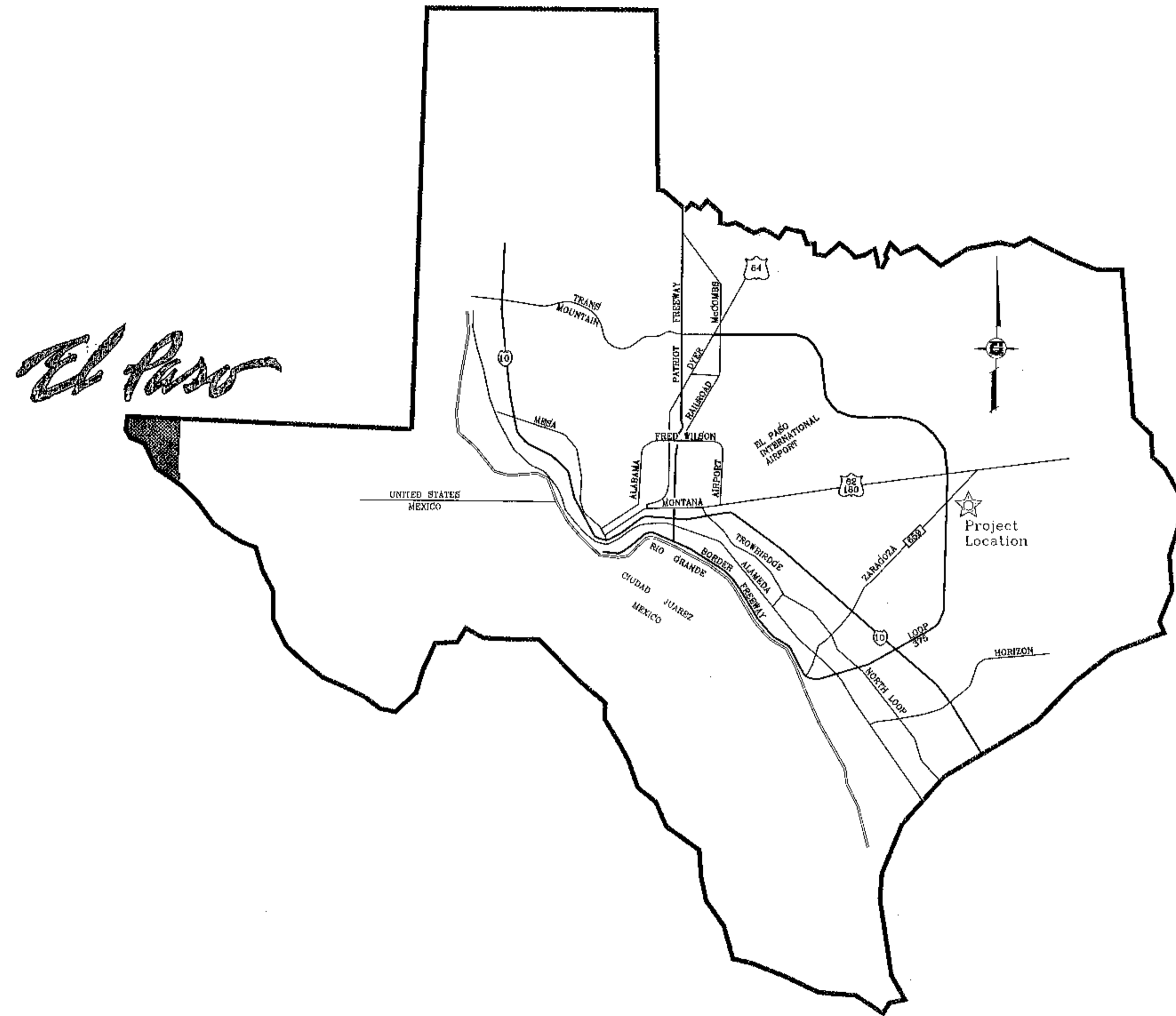


REFERENCES -- BENCHMARKS  
 REVISIONS  
 DATE  
 PROJECT NAME  
**RICH BEEM BLVD.  
 MEDIAN LANDSCAPING  
 AND IRRIGATION  
 TERRA DEL ESTE 56**

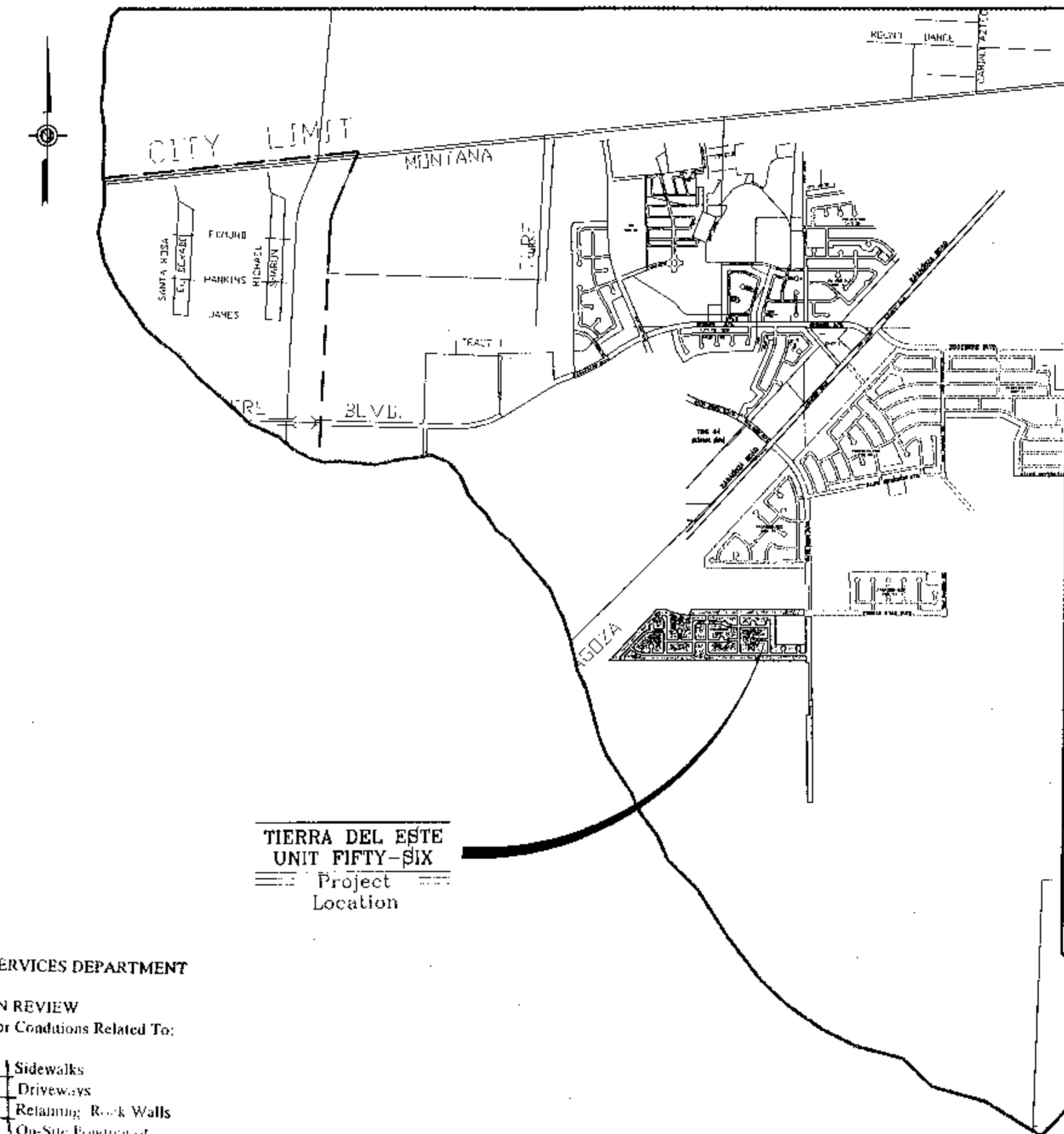
SCALE  
 Horiz: 1" = 30'  
 Vert:  
 DATE: **SPPT 2007**  
 DESIGN BY: **RMJR**  
 DRAWN BY: **RMJR**  
 CHECK BY: **RMJR**  
 JOB NO.:

**SWLDS INC.**  
 Southwest Land Development Services, Inc.  
 1790 LEE TREVINO DR. SITE 601  
 EL PASO, TEXAS 79936

SHEET TITLE  
**IRRIGATION PLAN**  
 SHT 4 OF 8  
**103109**



VICINITY MAP



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 R. & Walls
- On-Site Funding of Storm Waters

Contractor Must Call 24 Hours Prior To Construction For Inspection  
 BY *[Signature]* DATE 5/14/08

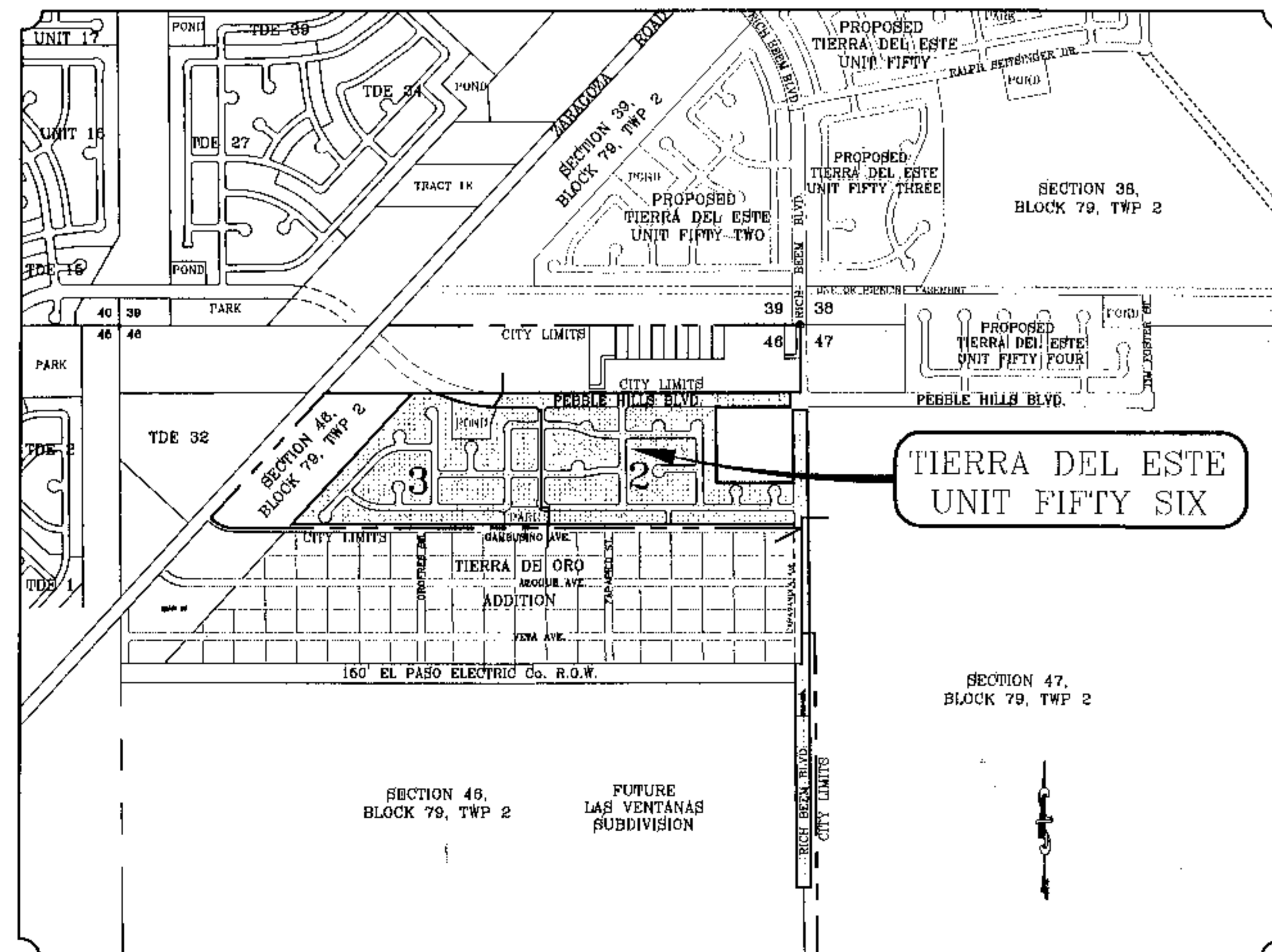
# STREET IMPROVEMENTS

## I N D E X

TITLE	SHEET No.	TITLE	SHEET No.
COVER SHEET	1 OF 62	WONDER ROCK PL.	39-40 OF 62
PLAT	2-4 OF 62	VOLCANIC ROCK DR.	41-43 OF 62
GRADING	5-7 OF 62	OWL ROCK PL.	44 OF 62
GRADING SECTIONS	8-10 OF 62	SINKING ROCK PL.	45-46 OF 62
DRAINAGE	11-13 OF 62	MERCY ROCK PL.	47 OF 62
S.W.P.P.P AND STANDARD DETAILS	14-17 OF 62	MIA ROCK PL.	48 OF 62
RICH BEEM BLVD.	18-22 OF 62	TALKING ROCK PL.	49 OF 62
PEBBLE HILLS BLVD.	23-25 OF 62	TAG ROCK PL.	50 OF 62
MAGIC ROCK DR.	26-27 OF 62	TEJA ROCK PL.	51 OF 62
ELK ROCK WAY	28 OF 62	DRAINAGE STRUCTURES	52-54 OF 62
VAQUERO ROCK DR.	29-31 OF 62	POND SECTIONS	55-56 OF 62
RED DEER ROCK DR.	32-33 OF 62	STRUCTURE DETAILS	57 OF 62
MEZA ROCK PL.	34 OF 62	STANDARD DETAILS	58-59 OF 62
TIME ROCK PL.	35 OF 62	ILLUMINATION PLAN	60-62 OF 62
SANDY ROCK PL.	36-38 OF 62	LANDSCAPE & IRRIGATION PLAN	1-8 OF 8

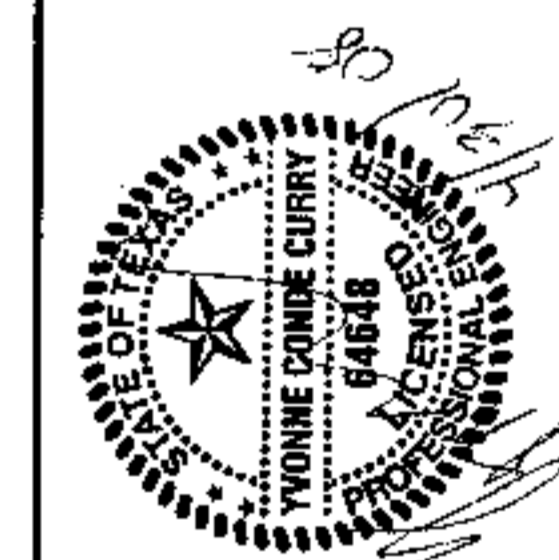
LOCATION MAP

SCALE: 1" = 1000'



PROJECT NAME  
**TIERRA DEL ESTE  
 UNIT FIFTY-SIX**

BEING A PORTION OF SECTIONS 46, AND 47, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILROAD COMPANY SURVEYS, EL PASO COUNTY, TEXAS, CITY OF CONTAINING 76.661 ACRES



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

