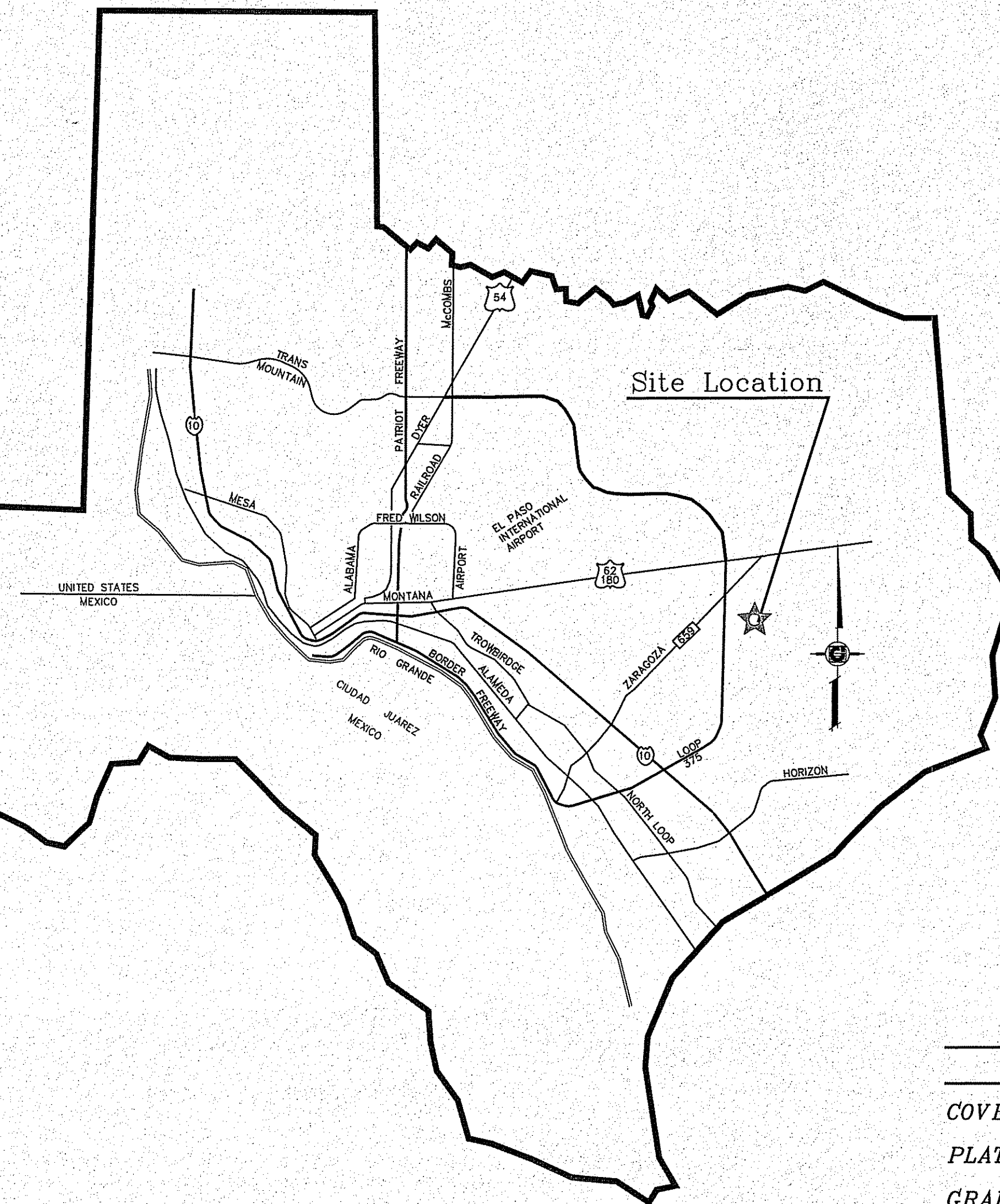
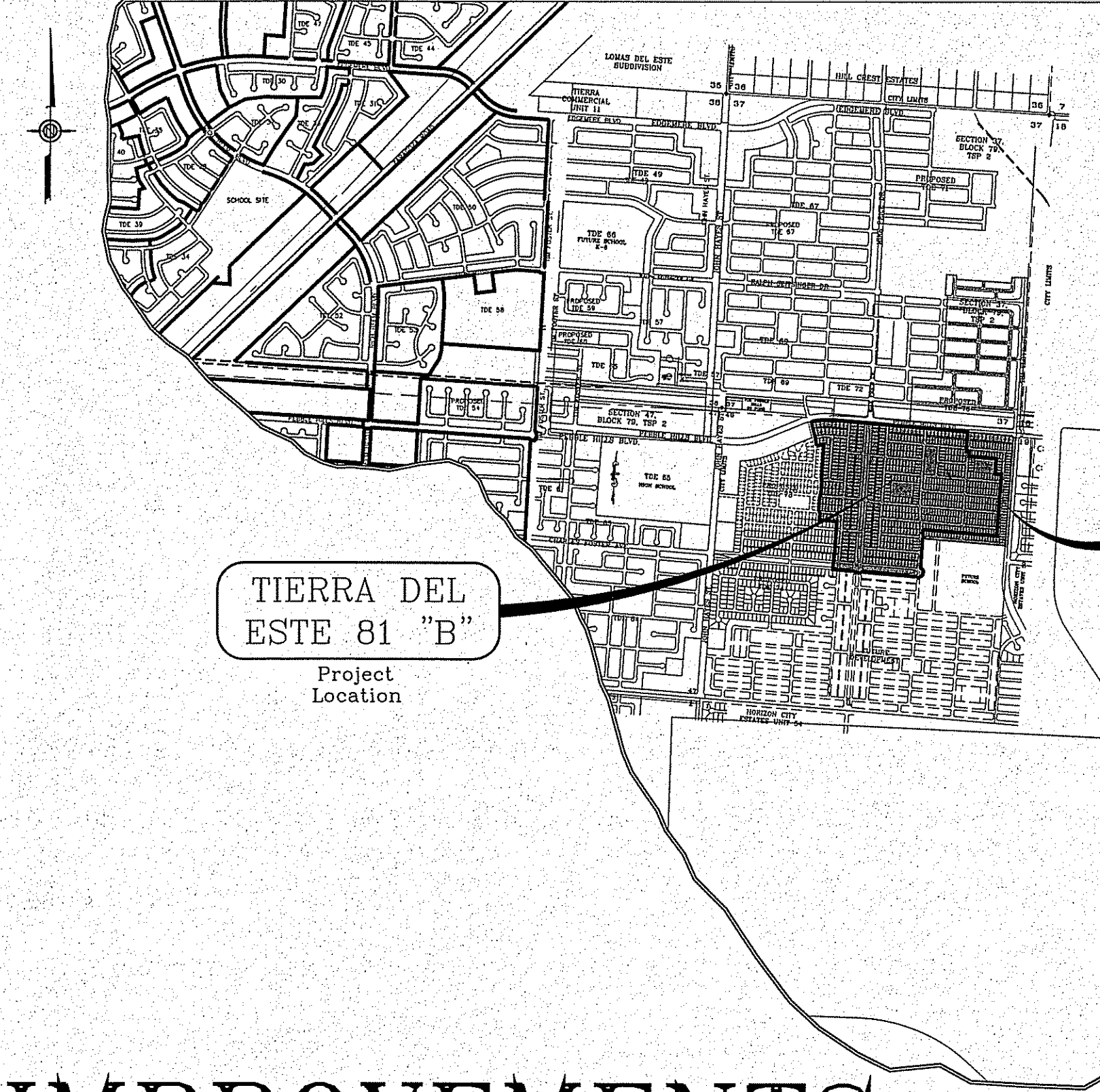


El Paso



VICINITY MAP



CITY DEVELOPMENT DEPARTMENT

Reviewed For Compliance Per Condition Related To:

- ▬ Railroads
- ▬ Grading & Retention
- ▬ Washbasin Basins
- ▬ On Site Parking Layout
- ▬ Driveways
- ▬ Retaining Back Walls
- ▬ On Site Pooling of Storm Waters

Contractor Must Call 48 Hours Prior To Construction For Inspections

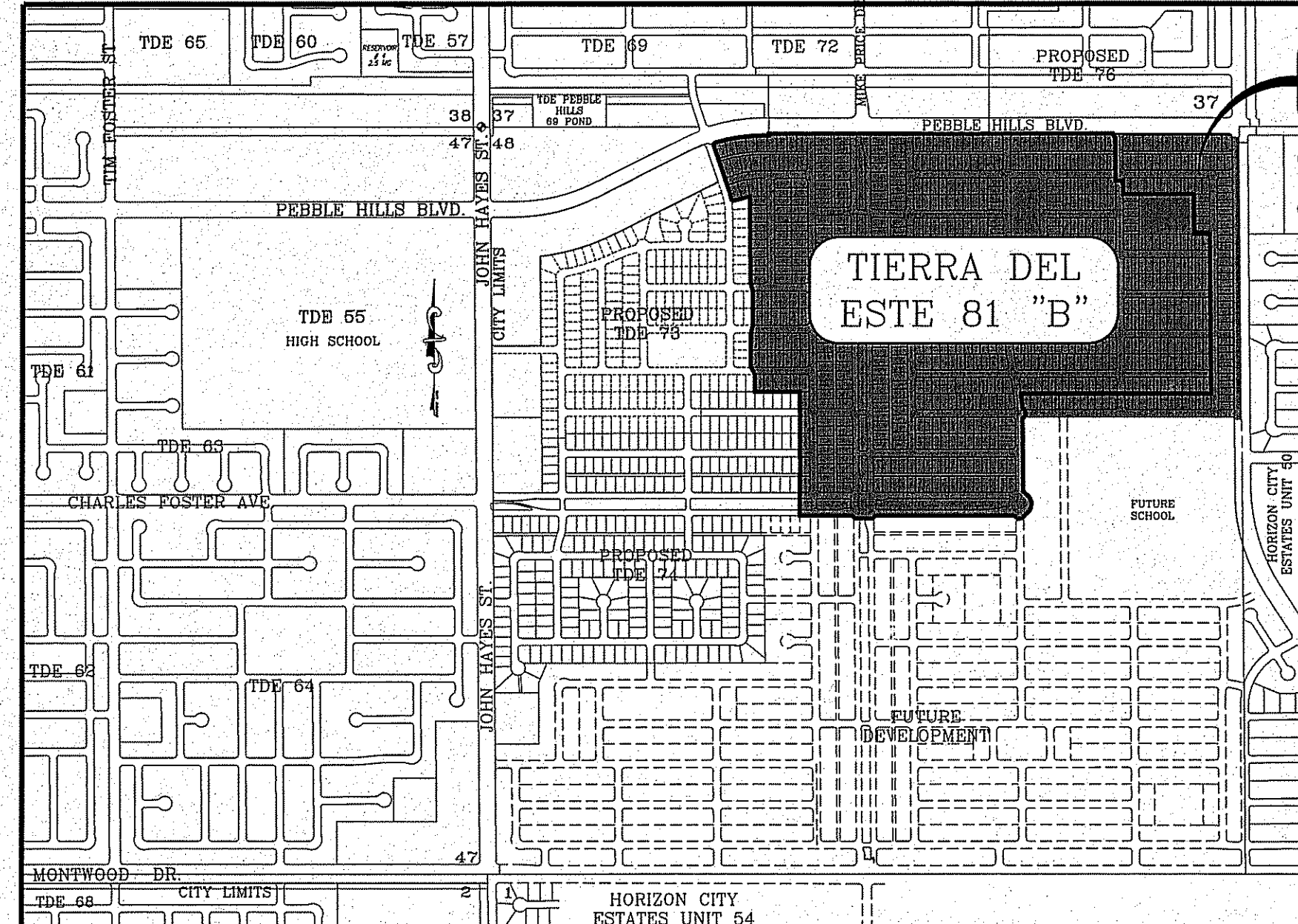
12/13/2018

# SUBDIVISION IMPROVEMENTS

I N D E X

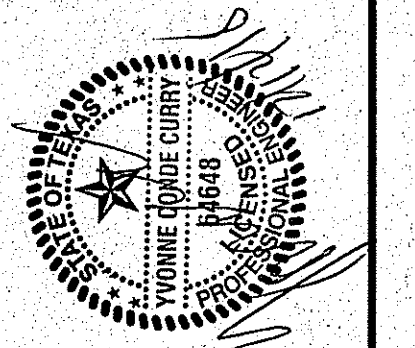
TITLE	SHEET No.	TITLE	SHEET No.
COVER SHEET	1 of 100	ALLEY B	75-77 of 100
PLAT	2-5 of 100	ALLEY C	78 of 100
GRADING PLAN	6-9 of 100	ALLEY D	79 of 100
GRADING SECTIONS	10-12 of 100	ALLEY E	80 of 100
DRAINAGE PLAN	13-16 of 100	ALLEY F	81-82 of 100
GRADING STABILIZATION PLAN AND SWPPP & NOTES	17-18 of 100	STRUCTURE 1	83 of 100
TIERRA BENJI	19 of 100	STRUCTURE 2	84 of 100
TIERRA BURCOS AVE.	20 of 100	STRUCTURE 3 & 4	85 of 100
CHARLES FOSTER AVE.	21-23 of 100	STRUCTURE 5 & 6	86 of 100
CIAMBRIELLO AVE./PETRALIA AVE.	24 of 100	POND A	87 of 100
TIERRA CORUNA AVE.	25-29 of 100	POND B	88 of 100
TIERRA CRYSTAL AVE.	30-32 of 100	STORM STRUCTURE DETAILS	89-91 of 100
TIERRA DE MOYO PLACE	33 of 100	DRAIN STRUCTURE DETAILS	92-93 of 100
TIERRA DELTA DR.	34-36 of 100	STANDARD DETAILS	94-95 of 100
TIERRA ESCAPE AVE.	37-39 of 100	TRAFFIC CONTROL AND ILLUMINATION PLAN	96-99 of 100
TIERRA GARCIA DR.	40-41 of 100	ROUNDABOUT STRIPING AND TRAFFIC CONTROL	100 of 100
TIERRA GARDEN DR.	42-45 of 100	PROPOSED GRADING & DRAINAGE PLAN MIKE PRICE DR. & CHARLES FOSTER AVE. LINEAR PARKS MIKE PRICE PIPE CROSSING DETAIL SHEET	L1-L2 L3
TIERRA HARBOR AVE.	46-47 of 100	CHARLES FOSTER PIPE CROSSING DETAIL SHEET	L4
TIERRA HAVEN AVE.	48-50 of 100	MIKE PRICE LINEAR PARK LANDSCAPE & IRRIGATION	L5-L8
TIERRA ISAIAH AVE.	51-53 of 100	CHARLES FOSTER LINEAR PARK LANDSCAPE & IRRIGATION	L9-L11
TIERRA JUDE LN.	54 of 100	MIKE PRICE & CHARLES FOSTER LINEAR PARK CALCULATIONS	L12
MARIA CASAS ST.	55-58 of 100	PROPOSED PARK GRADING, DRAINAGE & CROSS SECTIONS LANDSCAPE & IRRIGATION	L13-L14
MIKE PRICE DR.	59-62 of 100	LANDSCAPE & IRRIGATION DETAILS & NOTES	L15-L22
TIERRA MIRAGE AVE.	63-64 of 100	WATER AND SEWER	1-21
SAMMY CERVANTES ST.	66-69 of 100		
TIERRA TENCHA CT.	70 of 100		
ALLEY A	71-74 of 100		

LOCATION MAP SCALE: 1"=1000'



PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING: 160.327± ACRES



CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURVEY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



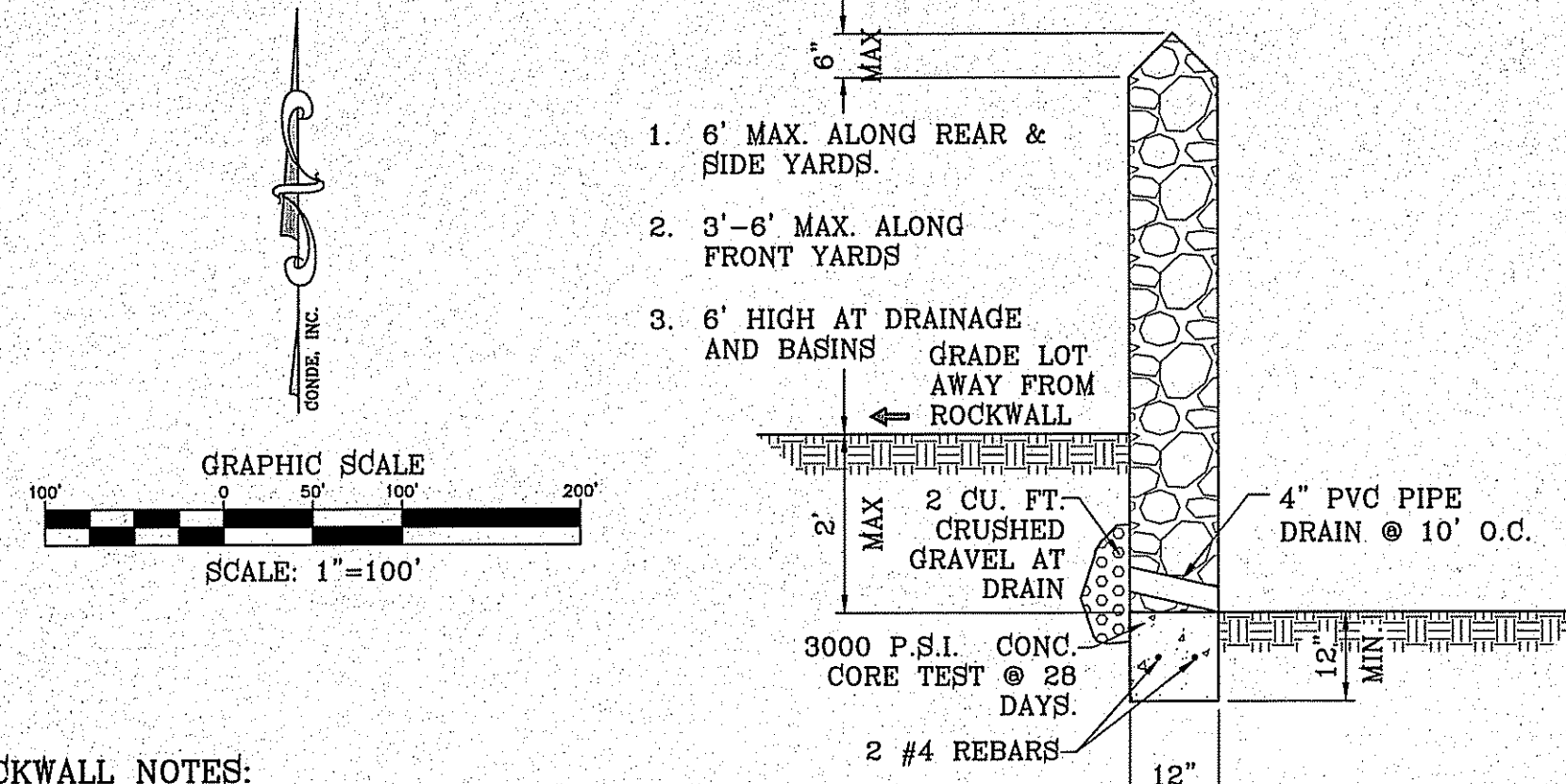








FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\GDP1-TDE81 - 2018-911 PLOTTED ON Friday, November 2, 2018 2:08:18 PM BY FELIX RODRIGUEZ



**ROCKWALL NOTES:**

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

**ROCKWALL DETAIL**

SCALE: 1"=2'

**PARK NOTES**

- ALL UTILITIES SHALL BE AT A MINIMUM OF FIVE (5') FEET DEEP.
- WHERE POSSIBLE AND PREFERABLY, UTILITIES SHALL BE PLACED UNDERNEATH THE PROPOSED 7' WIDE SIDEWALK TO AVOID FUTURE CONFLICT WITH THE PROPOSED STREET TREE LINE OR DAMAGE TO THE UTILITIES.

**CONSTRUCTION ACTIVITY REQUIREMENTS:**

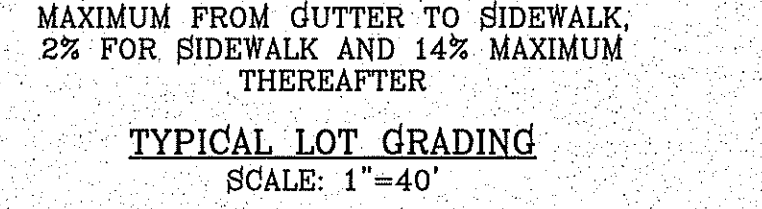
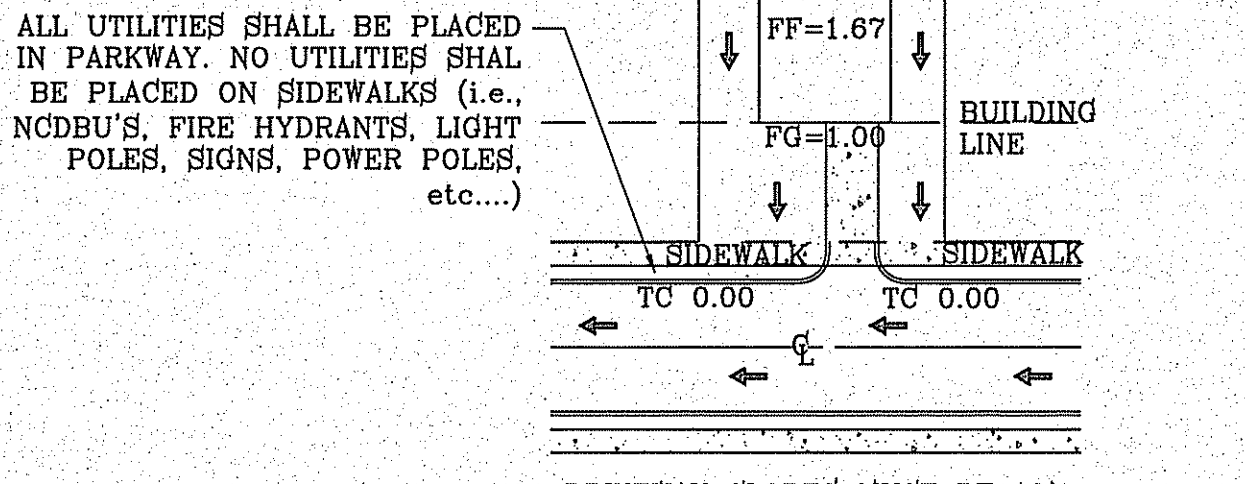
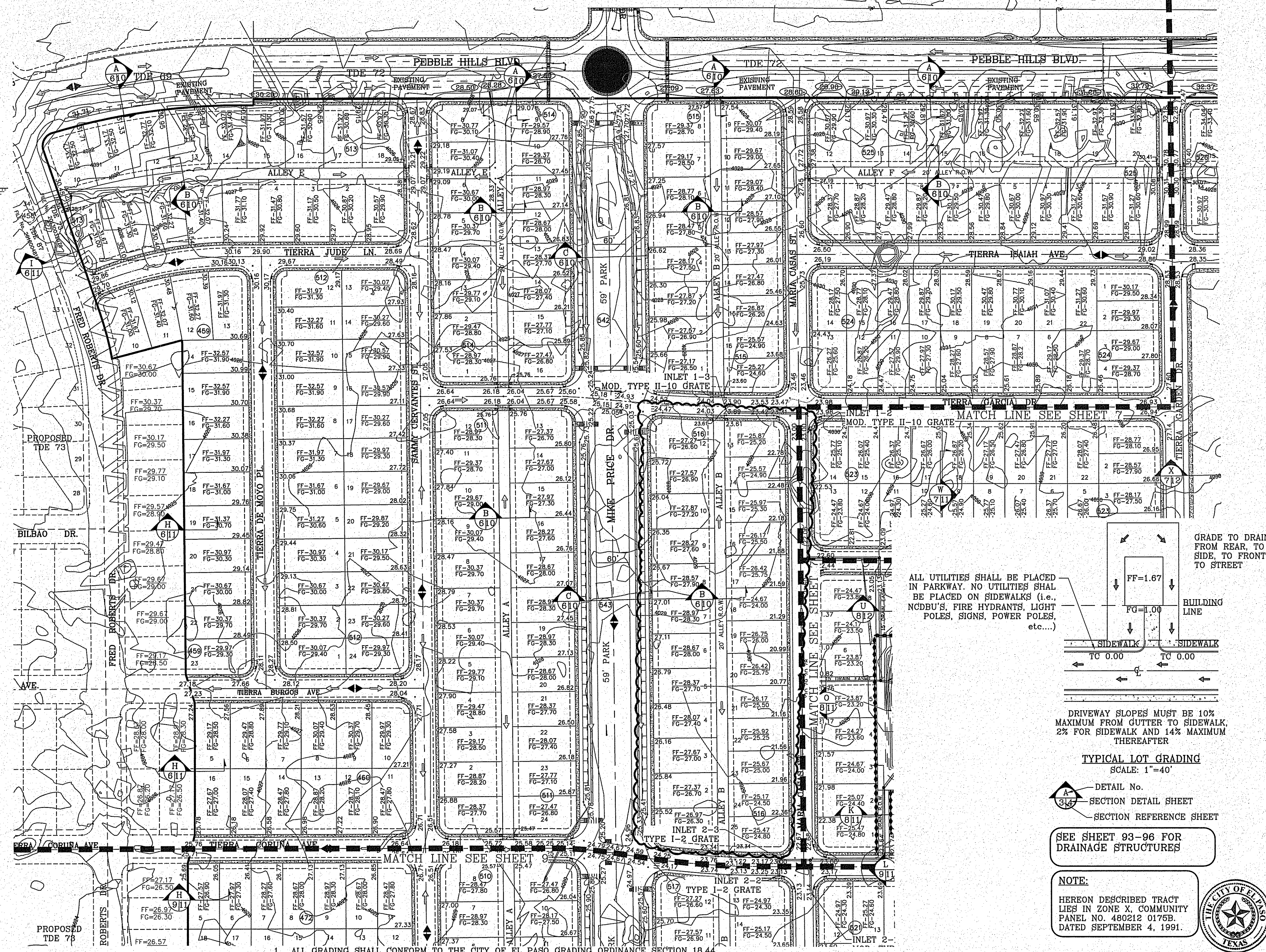
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  - WORK SHALL BE CONDUCTED IN MANNER THAT PRESERVES AND DOES NOT OBSTRUCT, IMPEDE OR INTERFERE WITH THE FLOW OF STORM WATER IN NATURAL DRAINAGE WAYS, UNIMPROVED CHANNELS OR WATERCOURSES, OR IMPROVED DITCHES, CHANNELS OR CANALS IN SUCH A MANNER AS TO CAUSE FLOODING WHERE IT WOULD NOT OTHERWISE OCCUR.
  - CONSTRUCTION EQUIPMENT AND FENCING SHALL BE KEPT OUT OF WATERCOURSES EXCEPT WHEN NECESSARY TO PERFORM WORK ON THE APPROVED PLANS. ADEQUATE BY PASS MEASURES SHALL BE INSTALLED WHERE TEMPORARY DRAINAGE BLOCKAGES WILL OCCUR. WHERE WORK WITHIN A CHANNEL IS DESIGNATED ON APPROVED PLANS, PRECAUTIONS SHALL BE TAKEN TO STABILIZE THE WORK AREA DURING CONSTRUCTION TO MINIMIZE EROSION. THE CHANNEL, INCLUDING BED AND BANKS, SHALL ALWAYS BE RESTORED/REESTABLISHED IMMEDIATELY AFTER IN CHANNEL WORK IS COMPLETED.
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  - MATERIAL STOCKPILING SHALL NOT BE ALLOWED WHEN GRADING OPERATIONS ARE IDLE FOR MORE THAN SEVEN CONSECUTIVE CALENDAR DAYS. STOCKPILING SHALL BE LIMITED TO TEN FEET HIGH WHEN GRADING OPERATIONS ARE BEING CONDUCTED.
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  - A COPY OF THE NOTICE OF TERMINATION FILED WITH THE STATE OR DATED CONSTRUCTION SITE NOTICE, IF APPLICABLE, IN ACCORDANCE WITH CHAPTER 16.
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**GENERAL NOTES:**

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

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  - TEMPORARY DUST AND EROSION CONTROL MEASURES SHALL BE PROVIDED FOR AT ALL TIMES.
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- CONSTRUCTION NOTES:**
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BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

DATE	REVISIONS	BY

**PROJECT NAME:**  
TIERRA DEL ESTE UNIT 81 "B"

**SCA L E:**  
HORIZ: 1" = 100'  
VERT: 1" = 4'

**DATE:** SEP. 2018  
**DESIGN BY:** Y.C.  
**INITIATED BY:** F.R.  
**CHECKED BY:** Y.C.  
**JOB NO.:** 719-58

**ENGINEER'S SEAL:**  
FELIX RODRIGUEZ  
REGISTERED PROFESSIONAL ENGINEER  
NO. 6848  
STATE OF TEXAS

**CONDE INC.:**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6060 SURETY DR. STE. 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0225  
FAX: (915) 592-0266

**Final Approval**



FILE LOCATION S:\Subdivisions\TDE 81 B\WDG\DWPL-TDBE1 - 2018-911.PLOTTED ON Friday, November 2, 2018 2:06:36 PM BY FELIX RODRIGUEZ

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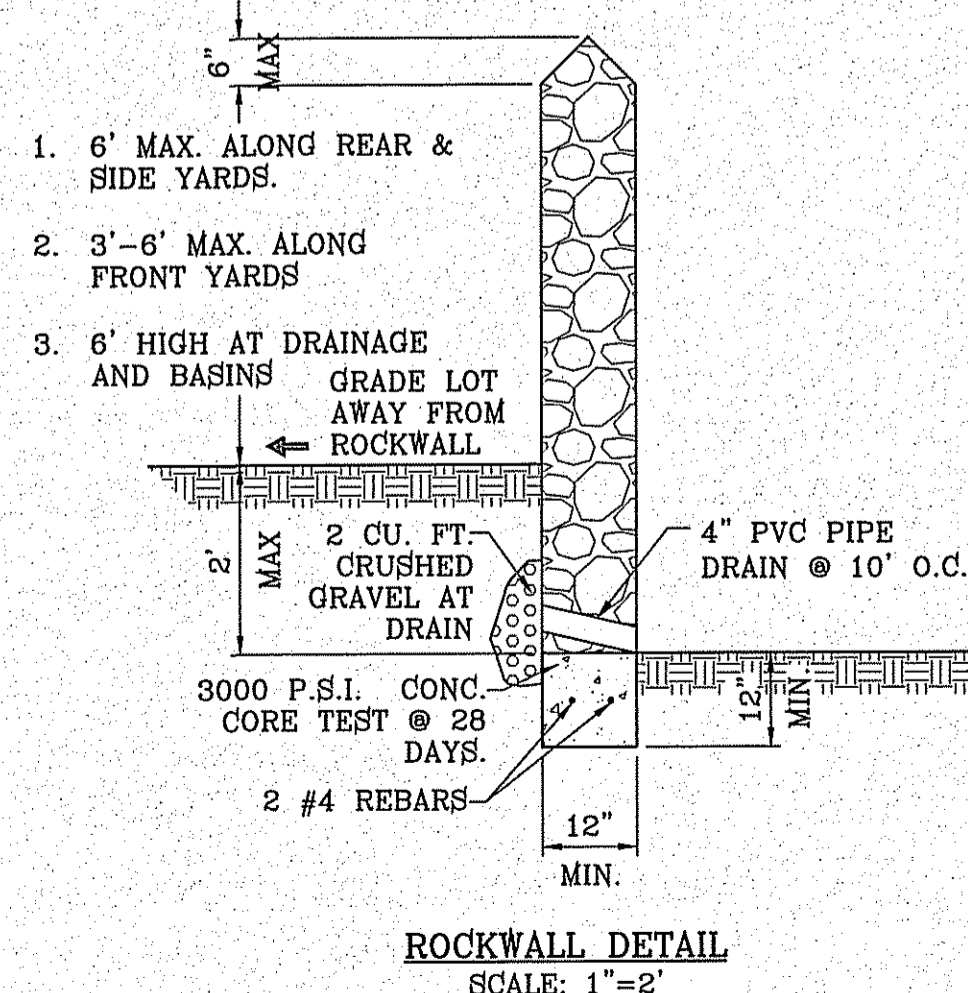
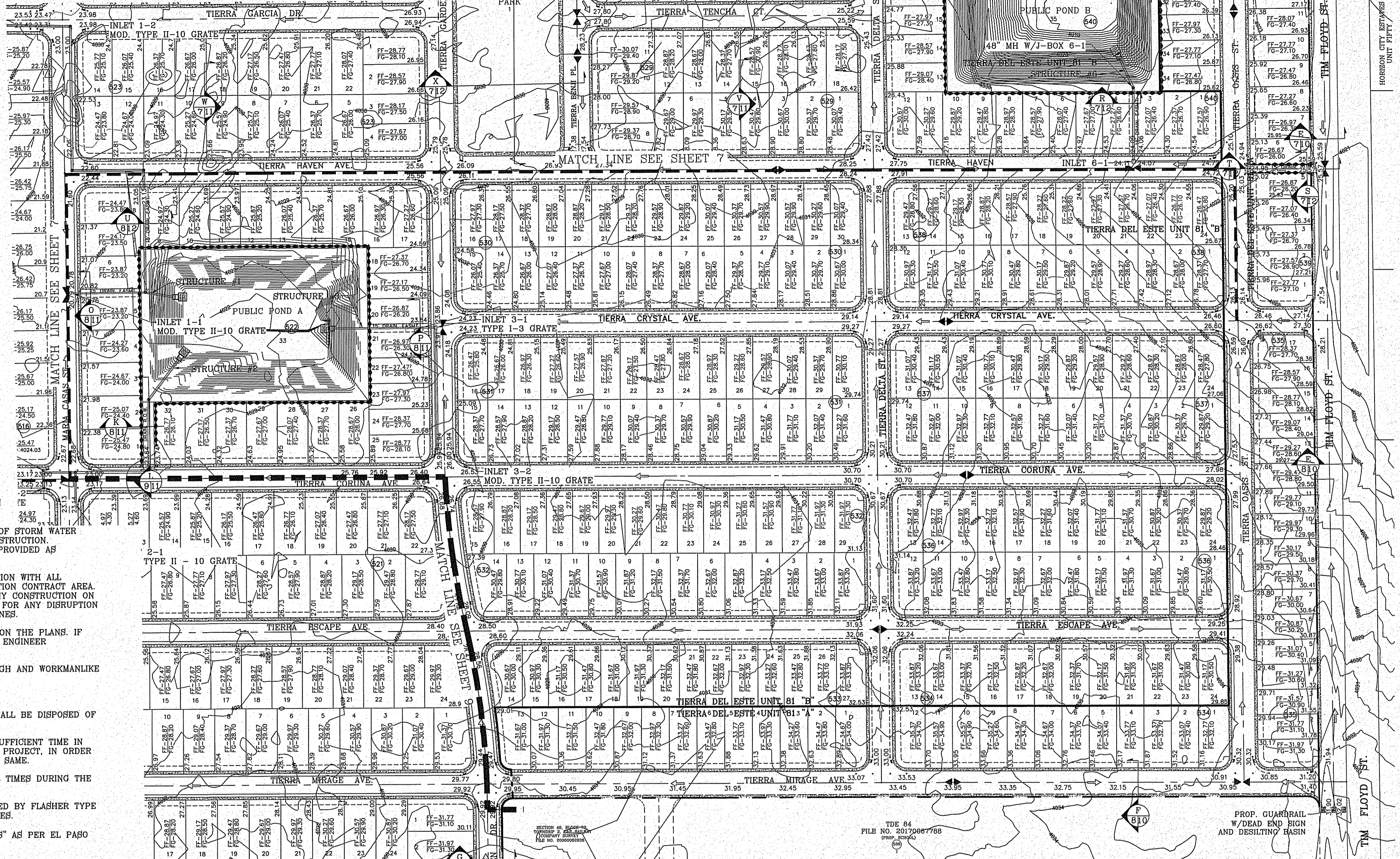
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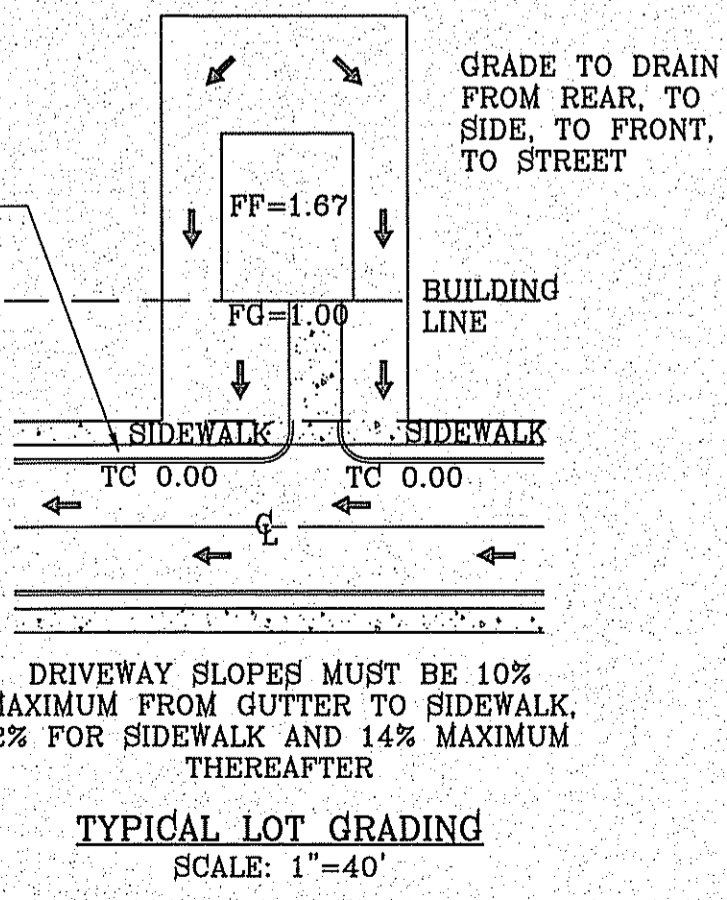
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ALL UTILITIES SHALL BE PLACED IN PARKWAY. NO UTILITIES SHALL BE PLACED ON SIDEWALKS (i.e., NCDDB'S, FIRE HYDRANTS, LIGHT POLES, SIGNS, POWER POLES, etc...)



TYPICAL LOT GRADING SCALE: 1"=40'

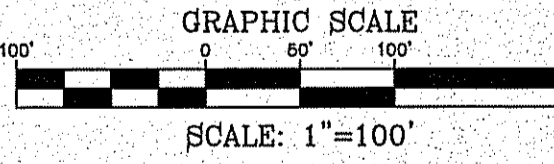
SEE SHEET 93-96 FOR DRAINAGE STRUCTURES

NOTE: TIM FLOYD R.O.W. TO BE DEDICATED WITH TIERRA DEL ESTE 84

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

**LEGEND**

- BUFFER MARKER
- PARKING LANES
- 4" ROLLED CURB
- 6" CURB AND GUTTER
- FF=0.67 PROPOSED FINISH FLOOR
- FG=00.00 PROPOSED FINISH GROUND
- 00.00 PROPOSED SPOT ELEVATION
- ▲ HIGH POINT
- ▼ LOW POINT
- 4000 EXISTING CONTOUR
- 4000 EXISTING SPOT ELEVATION
- PROPOSED ROCK WALL BY DEVELOPER
- PROPOSED RETAINING WALL
- DIRECTIONAL RAMP
- ▲ WEDGE RAMP



**CONDE INC.**  
ENGINEERING / PLANNING / SURVEYING / GPS  
6060 SUBURBY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0263  
FAX: (915) 592-0266

**CONDE INC.**  
REGISTRATION No. F-221

**GRADING PLAN**

**SHT 8 OF 100**

**TDE 81 "B"**

**PROJECT NAME:** TIERRA DEL ESTE UNIT 81 "B"  
**CITY MONUMENT AT THE CENTRAL INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4093.96 .....NAVD 88**

**DATE:** \_\_\_\_\_  
**REVISIONS:** \_\_\_\_\_

**BY:** \_\_\_\_\_

**DESIGN BY:** Y.C.  
**INITIATED BY:** F.R.  
**CHECKED BY:** Y.C.  
**JOB NO.:** 718-58

**SCALES:** HORIZ: 1" = 100'  
VERT: 1" = 10'

**ENGINEER'S SEAL:** [Seal of Felix Rodriguez, State of Texas, License No. 10000]

**FINAL APPROVAL:** [Signature]



**CONSTRUCTION ACTIVITY REQUIREMENTS:**

- NO ON-SITE PROCESSING OF MATERIAL FOR COMMERCIAL OR RETAIL SALES SHALL BE ALLOWED. ON-SITE PROCESSING OF MATERIALS TO BE USED FOR PREPARATION OR CONSTRUCTION OF IMPROVEMENTS WITHIN THE SITE COVERED BY THE GRADING PERMIT SHALL BE ALLOWED.
- WORK SHALL BE CONDUCTED IN MANNER THAT PRESERVES AND DOES NOT OBSTRUCT, IMPEDE OR INTERFERE WITH THE FLOW OF STORM WATER IN NATURAL DRAINAGE WAYS, UNIMPROVED CHANNELS OR WATERCOURSES, OR IMPROVED DITCHES, CHANNELS OR CANALS IN SUCH A MANNER AS TO CAUSE FLOODING WHERE IT WOULD NOT OTHERWISE OCCUR.
- CONSTRUCTION EQUIPMENT AND FENCING SHALL BE KEPT OUT OF WATERCOURSES EXCEPT WHEN NECESSARY TO PERFORM WORK ON THE APPROVED PLANS. ADEQUATE BY PASS MEASURES SHALL BE INSTALLED WHERE TEMPORARY DRAINAGE BLOCKAGES WILL OCCUR. WHERE WORK WITHIN A CHANNEL IS DESIGNATED ON APPROVED PLANS, PRECAUTIONS SHALL BE TAKEN TO STABILIZE THE WORK AREA DURING CONSTRUCTION TO MINIMIZE EROSION. THE CHANNEL, INCLUDING BED AND BANKS, SHALL ALWAYS BE RESTORED/RESTABILIZED IMMEDIATELY AFTER IN CHANNEL WORK IS COMPLETED.
- WHERE A DRAINAGE WAY WILL BE CROSSED BY CONSTRUCTION VEHICLES REGULARLY DURING CONSTRUCTION, A TEMPORARY CROSSING SHALL BE CONSTRUCTED.
- MATERIAL STOCKPILING SHALL NOT BE ALLOWED WHEN GRADING OPERATIONS ARE IN LE FOR MORE THAN SEVEN CONSECUTIVE CALENDAR DAYS. STOCKPILING SHALL BE 1' AND LIMITED TO TEN FEET HIGH WHEN GRADING OPERATIONS ARE BEING CONDUCTED.

**18.44.220 - PERMIT CLOSURE PROCEDURE:**

AFTER THE PERMITTEE COMPLETES THE GRADING UNDER THIS PERMIT, THE PERMIT SHALL BE CLOSED. AS PART OF THE CLOSURE PROCEDURE, THE APPLICANT MUST SUBMIT THE FOLLOWING TO THE CITY:

- A STATEMENT FROM THE ENGINEER OF RECORD THAT STATES, "THE GRADING OPERATION HAS BEEN SUBSTANTIALLY COMPLETED AND GENERALLY CONFORMS TO THE APPROVED SET OF PLANS." THE PERMITTEE SHALL CALL THE PERMIT OFFICIAL TO ESTABLISH THE BEGINNING OF THE WARRANTY PERIOD AND TO NOTIFY THE PERMIT OFFICIAL THAT THE GSP HAS BEEN IMPLEMENTED.
  - A COPY OF THE NOTICE OF TERMINATION FILED WITH THE STATE OR DATED CONSTRUCTION SITE NOTICE, IF APPLICABLE, IN ACCORDANCE WITH CHAPTER 15.
- THE CITY WILL ISSUE A LETTER STATING GENERAL CONFORMANCE TO THE PERMIT IF IT IS IN EFFECT.

**18.44.090 - WARRANTY:**

ANY PERSON ISSUED A PERMIT SHALL AGREE WARRANT AND MAINTAIN THE AREA DESCRIBED IN THE PERMIT FOR A PERIOD OF TWO YEARS AFTER THE PERMIT IS CLOSED BY THE CITY PURSUANT TO SECTION 18.44.220, OR UNTIL A BUILDING PERMIT IS ISSUED FOR THE PURPOSE OF MAINTAINING A STABILIZED SITE IN ACCORDANCE WITH THE APPROVED GSP. WHICHEVER FIRST OCCURS (THE "WARRANTY" OR "WARRANTY PERIOD"), THE CITY MAY CONDUCT INSPECTIONS OF THE PERMITTED AREA THROUGHOUT THE WARRANTY PERIOD AND REQUIRE MAINTENANCE AND CORRECTION OF THE WORK BY THE PERMIT HOLDER. FAILURE OF THE PERMIT HOLDER TO CORRECT THE WORK SHALL CONSTITUTE A FAILURE TO COMPLY WITH THE PROVISIONS OF THIS CHAPTER.

**GENERAL NOTES:**

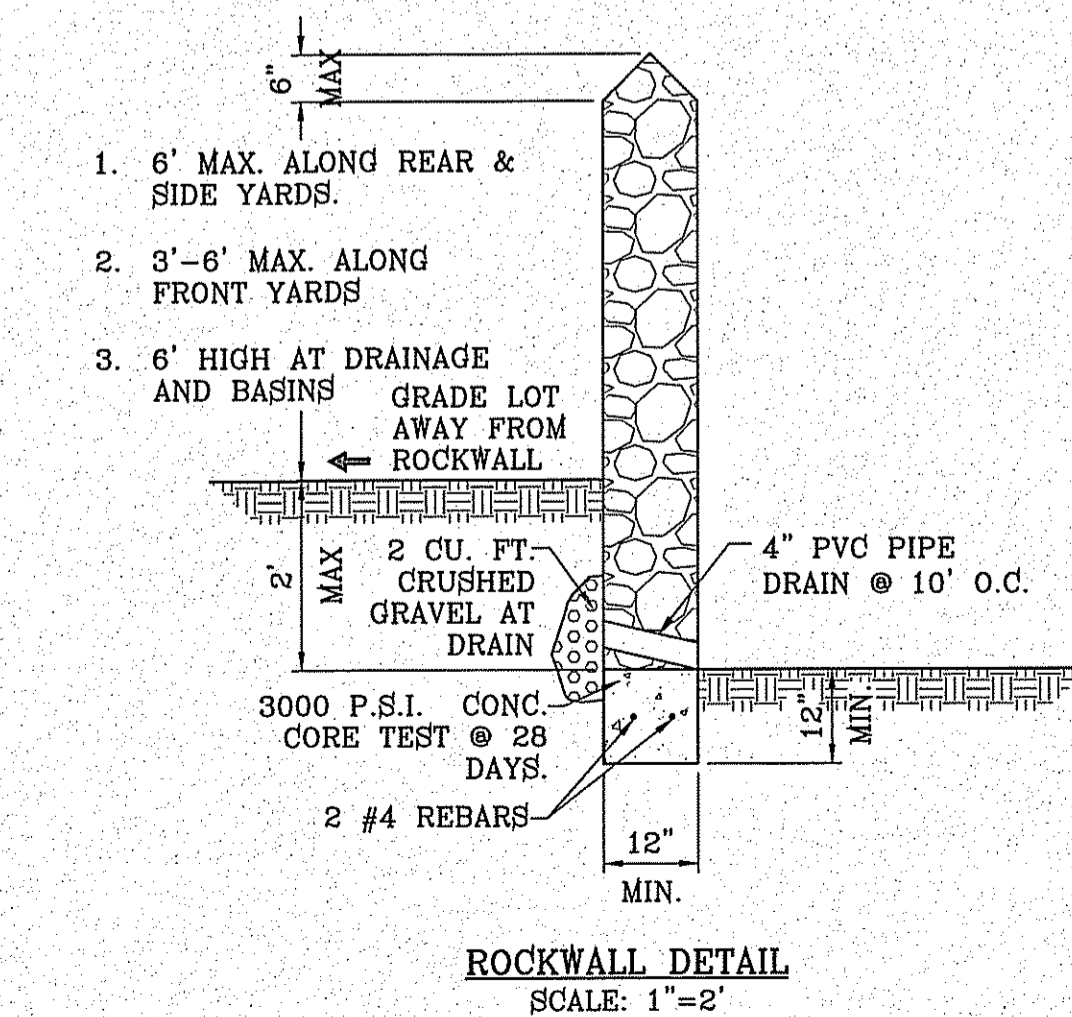
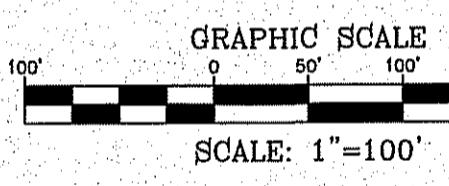
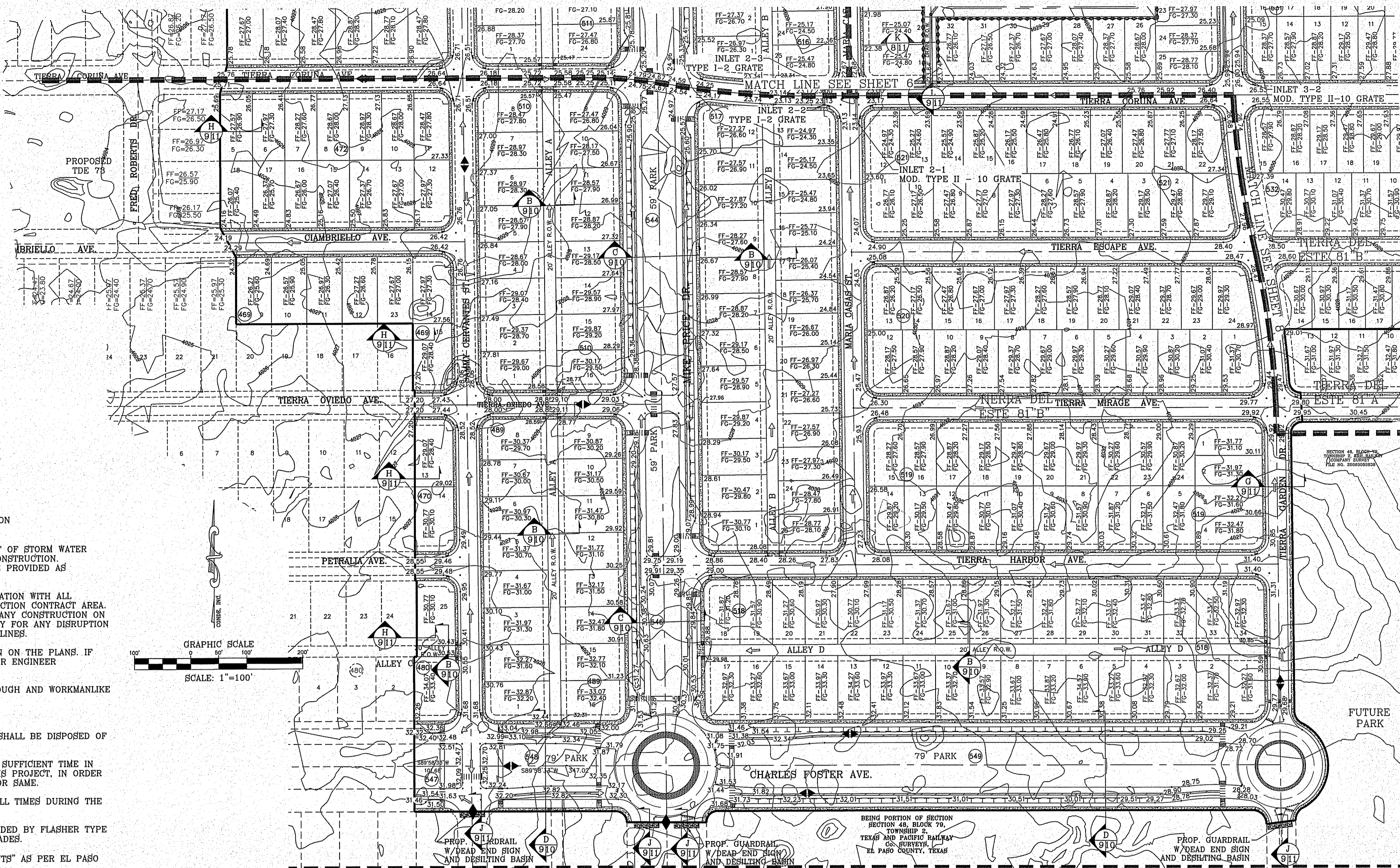
- IMPROVEMENT WITHIN CITY R.O.W. SHALL COMPLY WITH TITLE 19-SUBDIVISION ORDINANCE-"SUBDIVISION IMPROVEMENT DESIGN STANDARDS".
- CONTRACTOR SHALL PROVIDE TEMPORARY MEASURES FOR THE MANAGEMENT OF STORM WATER RUNOFF ENTERING, EXITING AND ON SITE DURING THE COURSE OF THE CONSTRUCTION. TEMPORARY BERMS, DESILTING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

**GENERAL EARTHWORK NOTES:**

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

**CONSTRUCTION NOTES:**

- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
- MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
- 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
- REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
- RETAINING WALLS WILL BE REQUIRED WHERE THERE IS A GRADE DIFFERENCE OF 2 OR MORE FEET BETWEEN LOTS AND STREET. RETAINING WALL DESIGN AT TIME OF BUILDING PERMIT.
- RETAINING ROCK WALLS 4' OR HIGHER SHALL BE CONSTRUCTED BY DEVELOPER AS PART OF THE SUBDIVISION IMPROVEMENTS.
- ALL WHEELCHAIR RAMPS TO BE DONE BY DEVELOPER.



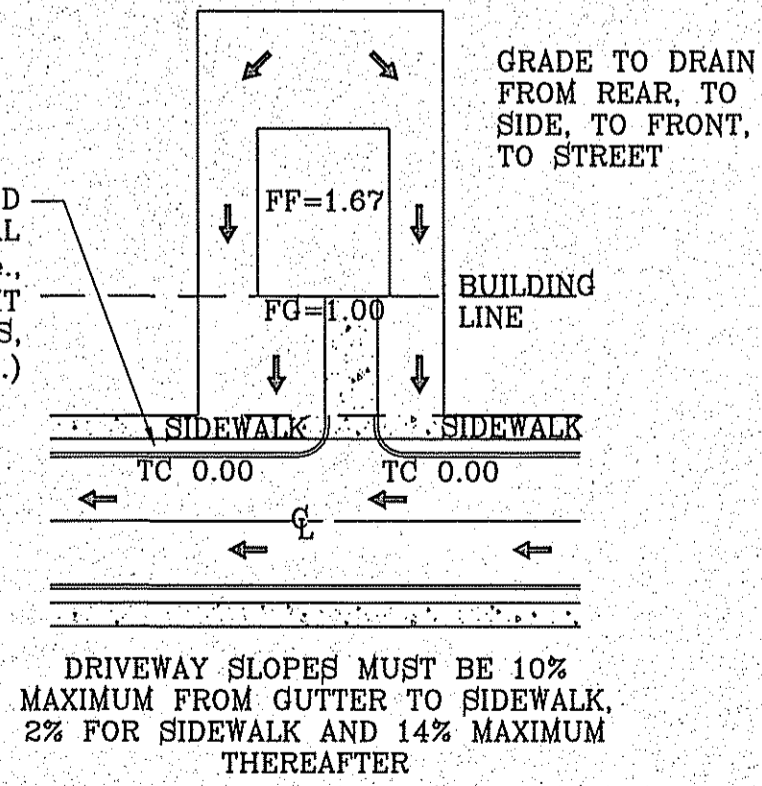
**ROCKWALL NOTES:**

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

**PARK NOTES:**

- ALL UTILITIES SHALL BE AT A MINIMUM OF FIVE (5') FEET DEEP.
- WHERE POSSIBLE AND PREFERABLY, UTILITIES SHALL BE PLACED UNDERNEATH THE PROPOSED 7' WIDE SIDEWALK TO AVOID FUTURE CONFLICT WITH THE PROPOSED STREET TREE LINE OR DAMAGE TO THE UTILITIES.

SEE SHEET 93-96 FOR DRAINAGE STRUCTURES



TYPICAL LOT GRADING SCALE: 1"=40'

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

DETAIL No. SECTION DETAIL SHEET SECTION REFERENCE SHEET

**LEGEND**

	BUFFER MARKER
	PARKING LANES
	4" ROLLED CURB
	6" CURB AND GUTTER
	PROPOSED FINISH FLOOR
	PROPOSED FINISH GROUND
	PROPOSED SPOT ELEVATION
	HIGH POINT
	LOW POINT
	EXISTING CONTOUR
	EXISTING SPOT ELEVATION
	PROPOSED ROCK WALL BY DEVELOPER
	PROPOSED RETAINING WALL
	DIRECTIONAL RAMP
	WEDGE RAMP



Final Approval

BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4093.96 ... NAVD 88

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**  
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.927+ ACRES

ENGINEER'S SEAL  
S. C. A. L. E.  
HORIZ. 1" = 100'  
VERT. 1" = 10'  
DATE: SEP. 2018  
DESIGN BY: Y. C.  
INITIATED BY: F. R.  
CHECKED BY: Y. C.  
JOB NO.: 718-58

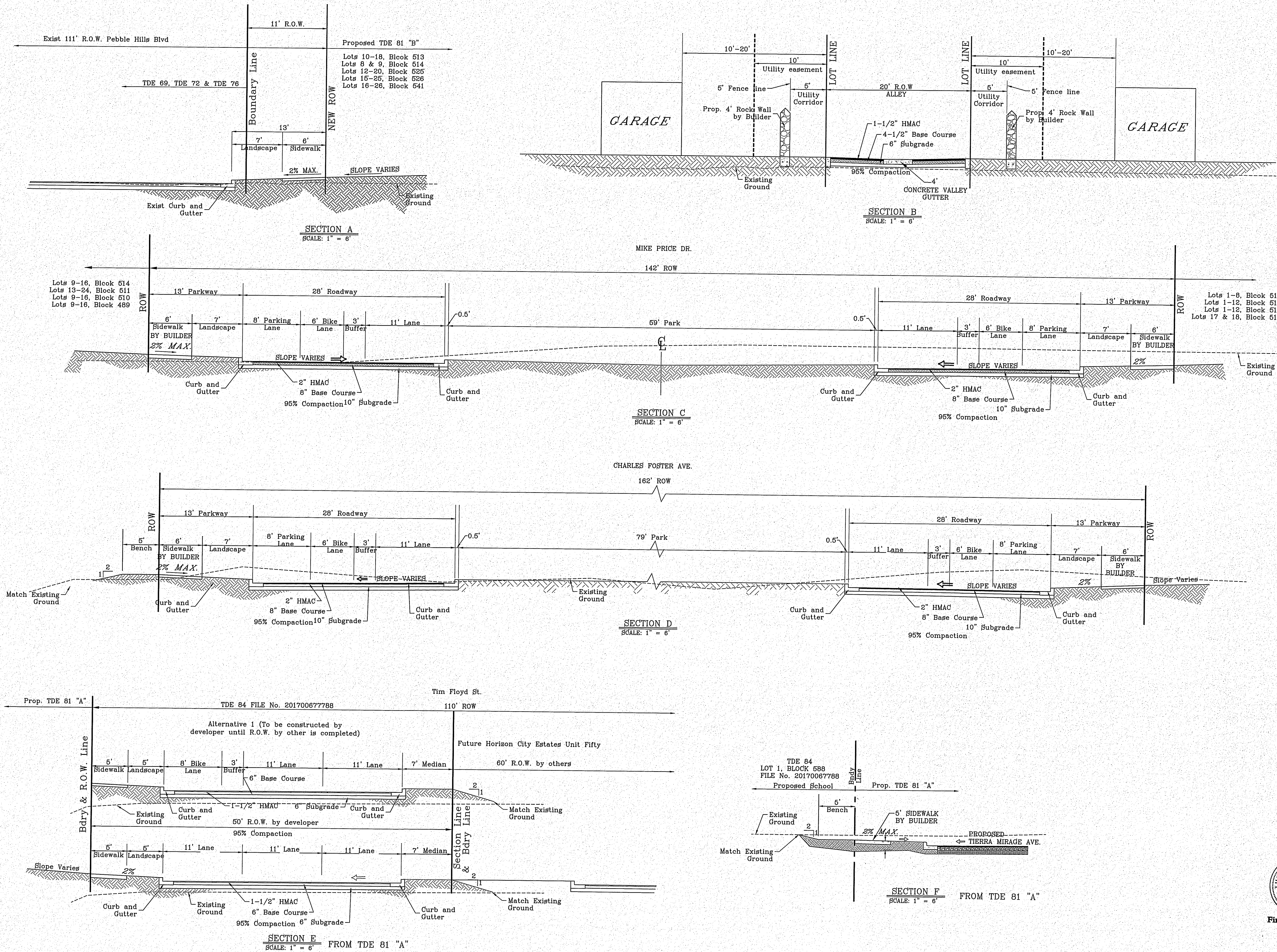
CONDE INC.  
ENGINEERING / PLANNING / SURVEYING / GPS  
6080 SURVEY DR. STE. 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0293  
FAX: (915) 592-0286

REGISTRATION No. P-2921  
SHEET TITLE

**GRADING PLAN**

FILE LOCATION S:\Subdivisions\TDE 81 B DWG\CDPL-TDE81 - 2018-9-11 PLOTTED ON Friday, November 2, 2018 2:06:45 PM BY FELIX RODRIGUEZ

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BENCHMARK	
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE	
ELEVATION = 4023.98	NAVD 88
DATE	
REVISIONS	
BY	

**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

<b>SCALE</b>	
<b>HORIZ.</b>	
<b>VERT.</b>	
<b>DATE:</b> SEP. 2018	
<b>DESIGN BY:</b> Y.C.	
<b>INITIATED BY:</b> F.R.	
<b>CHECKED BY:</b> Y.C.	
<b>JOB NO.:</b> 718-68	

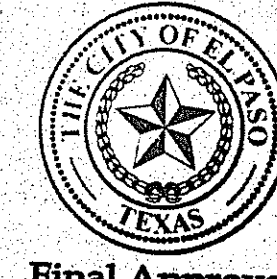
**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6000 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

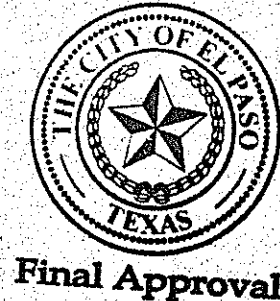
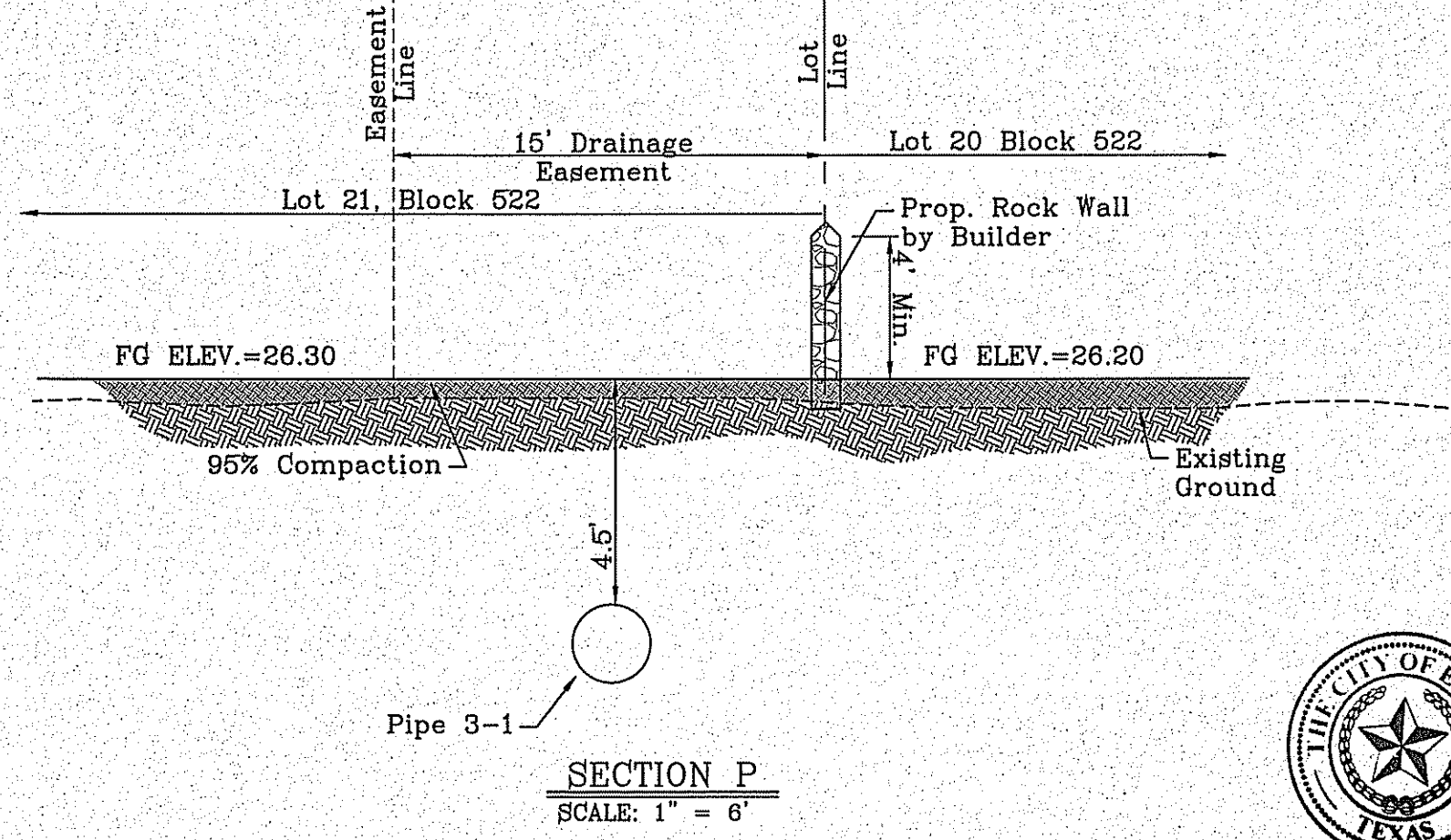
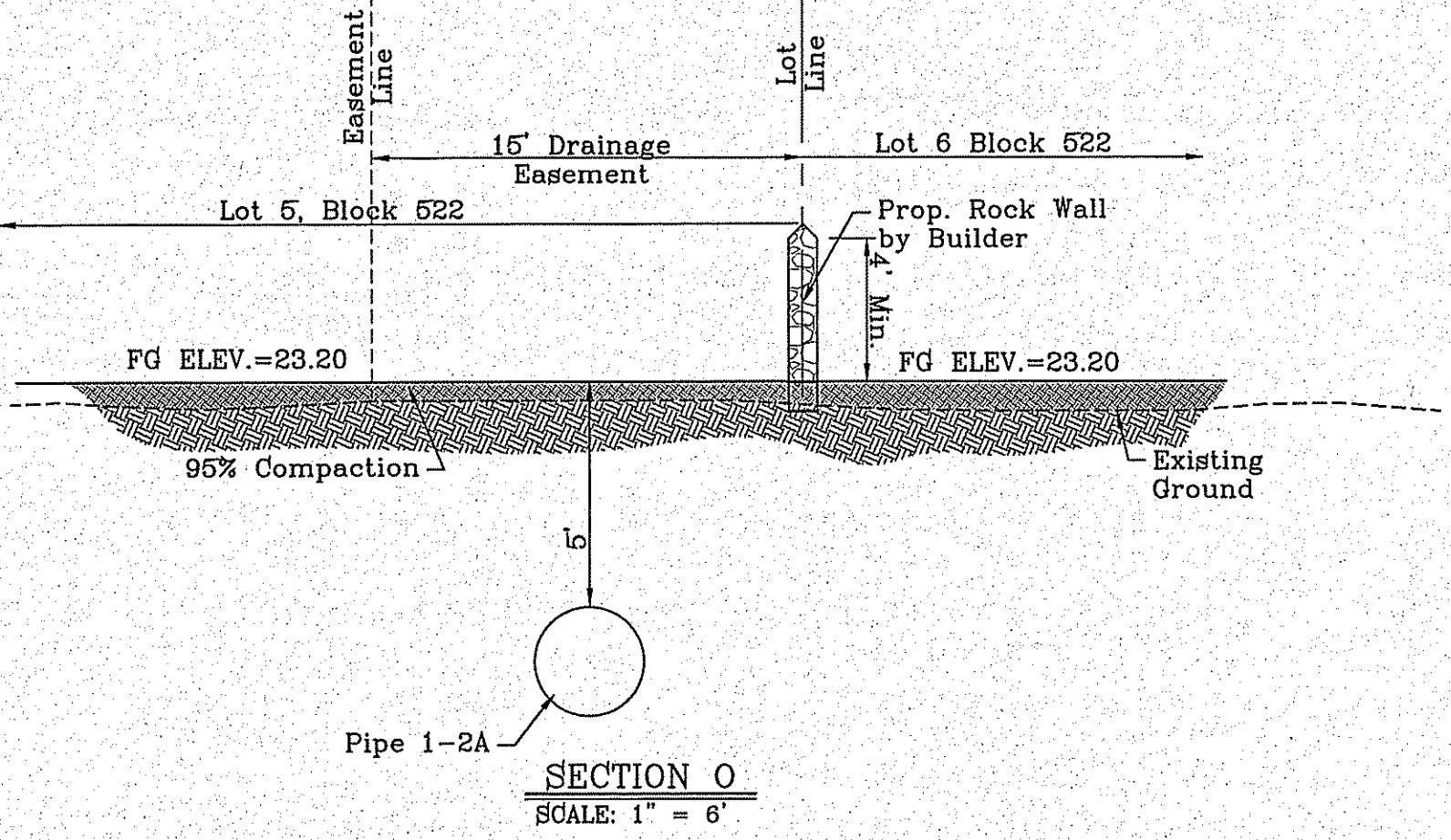
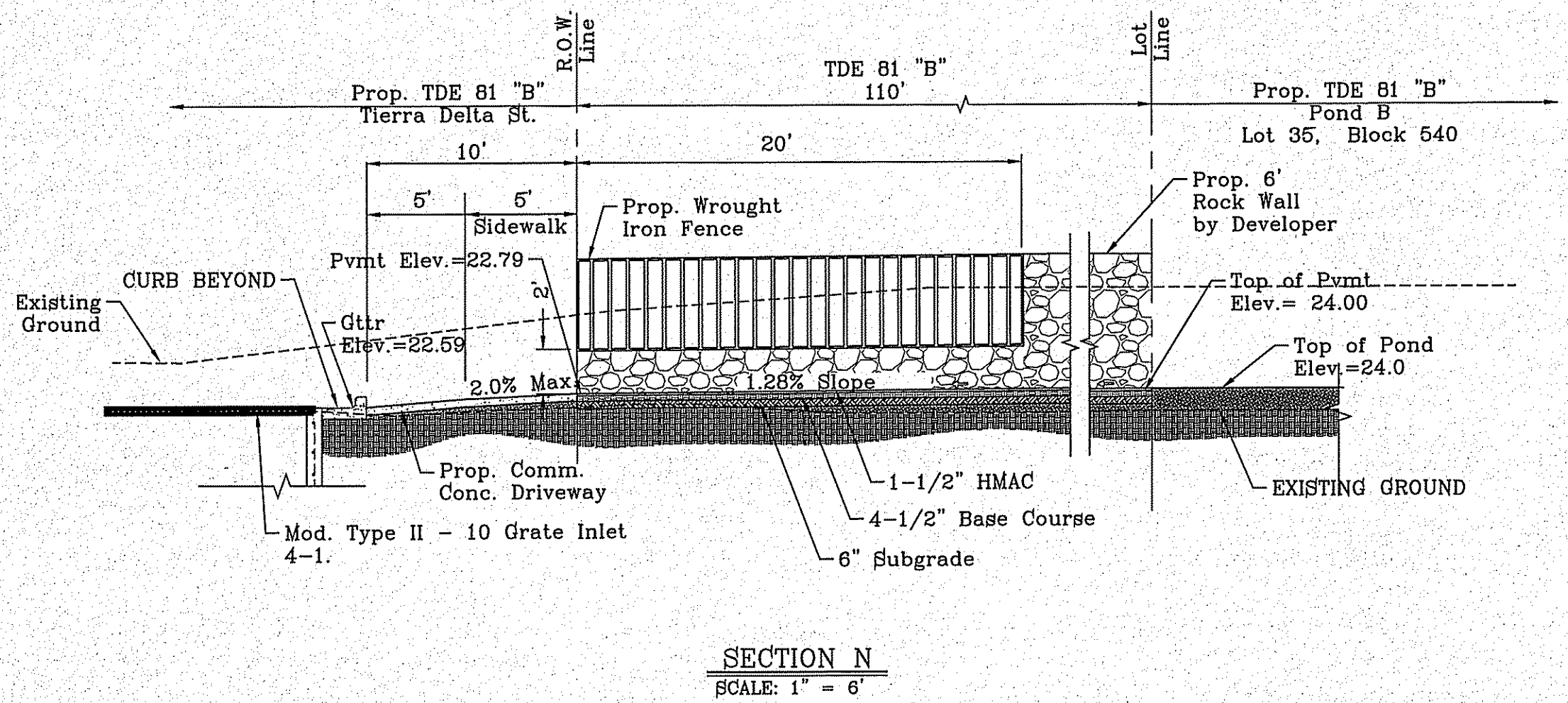
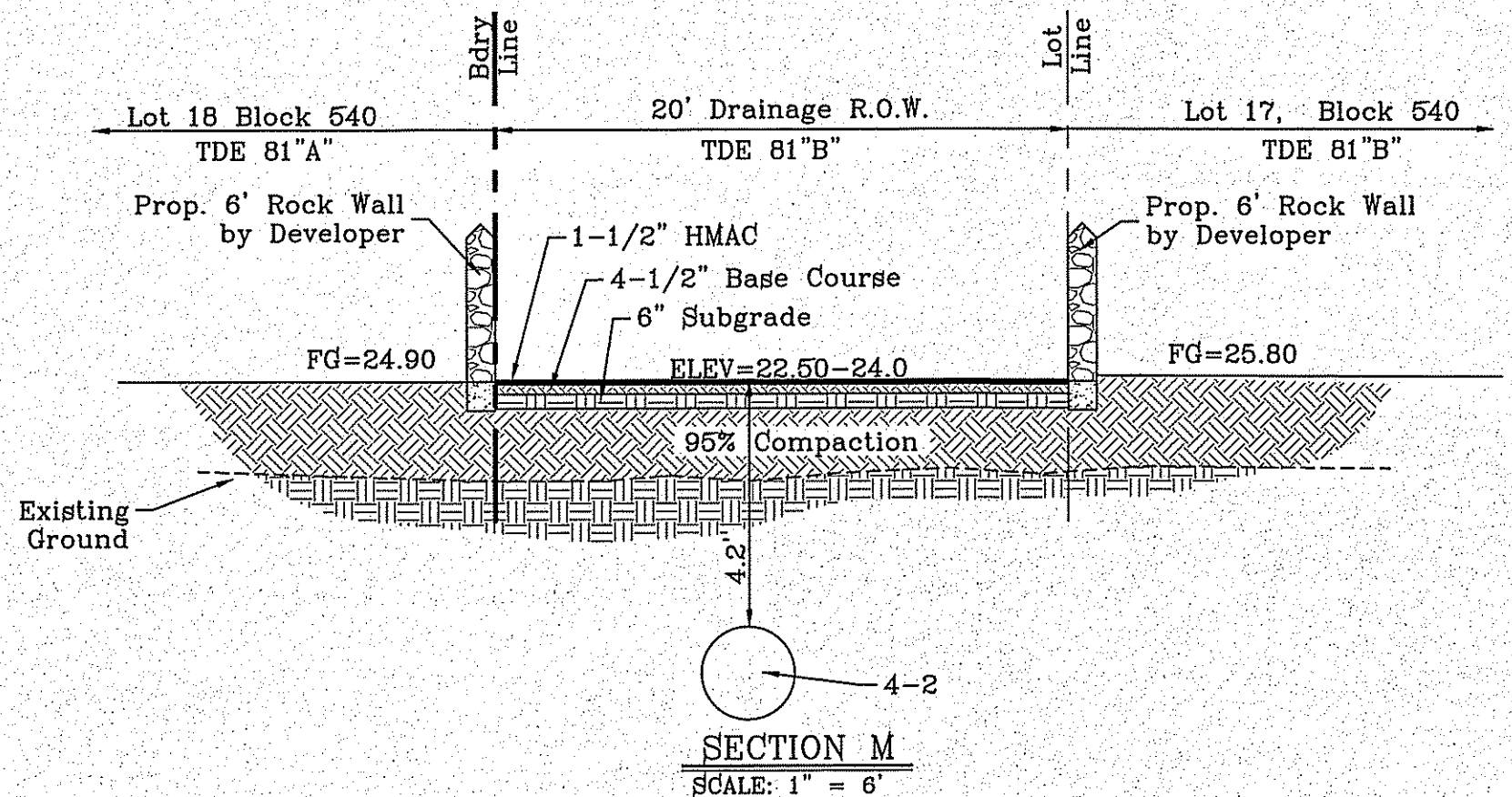
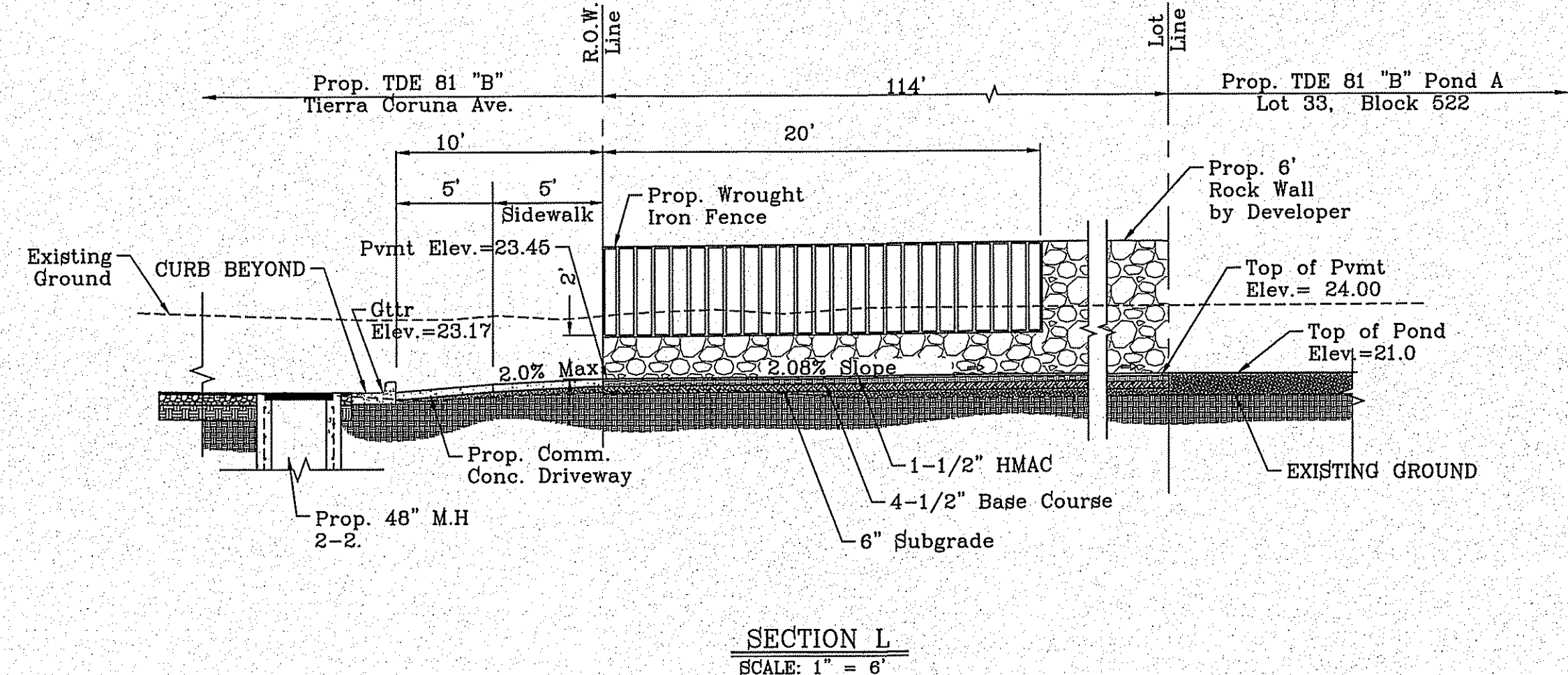
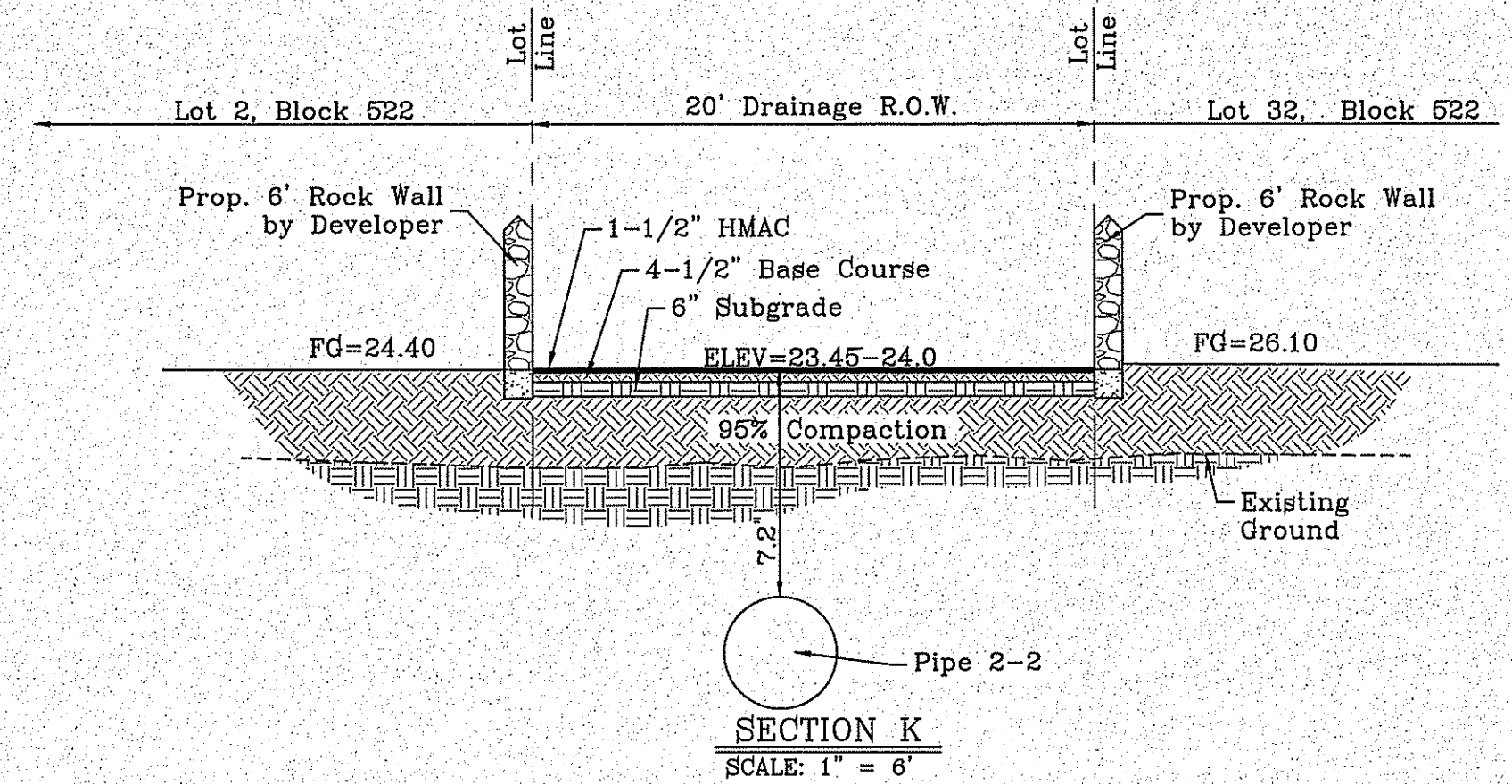
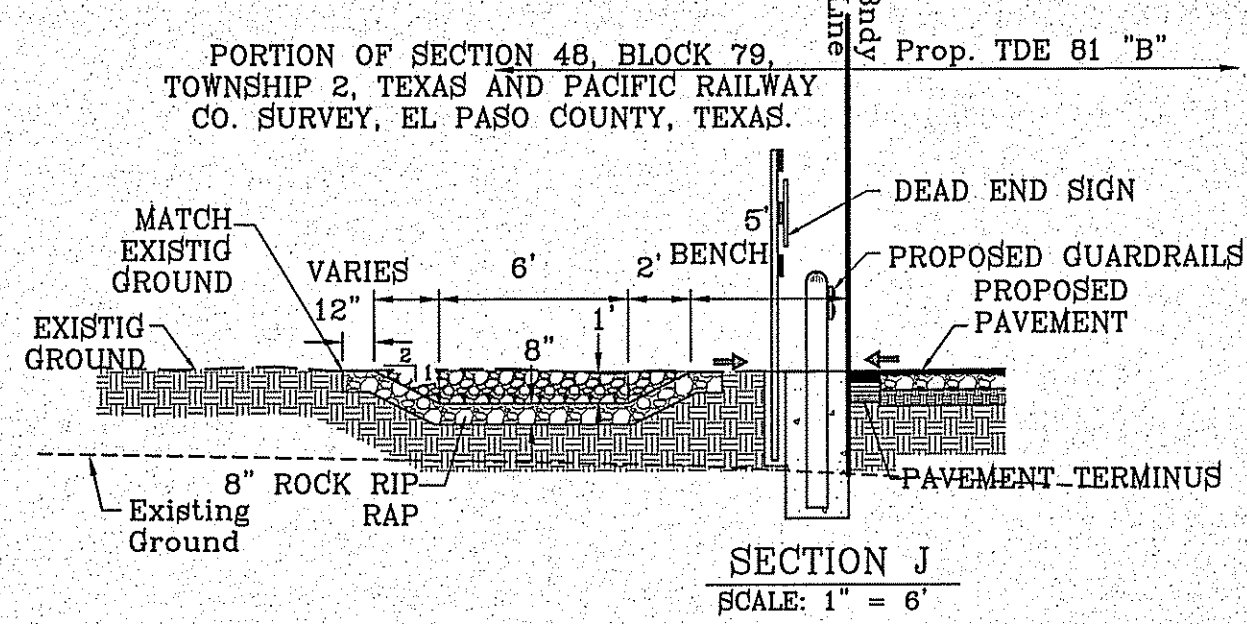
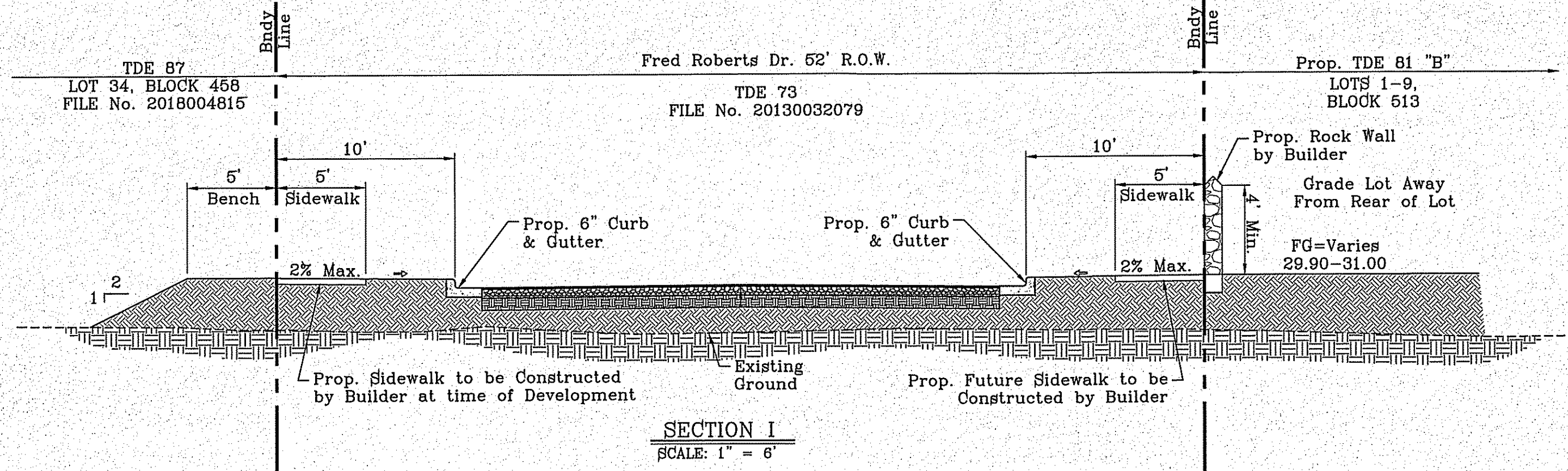
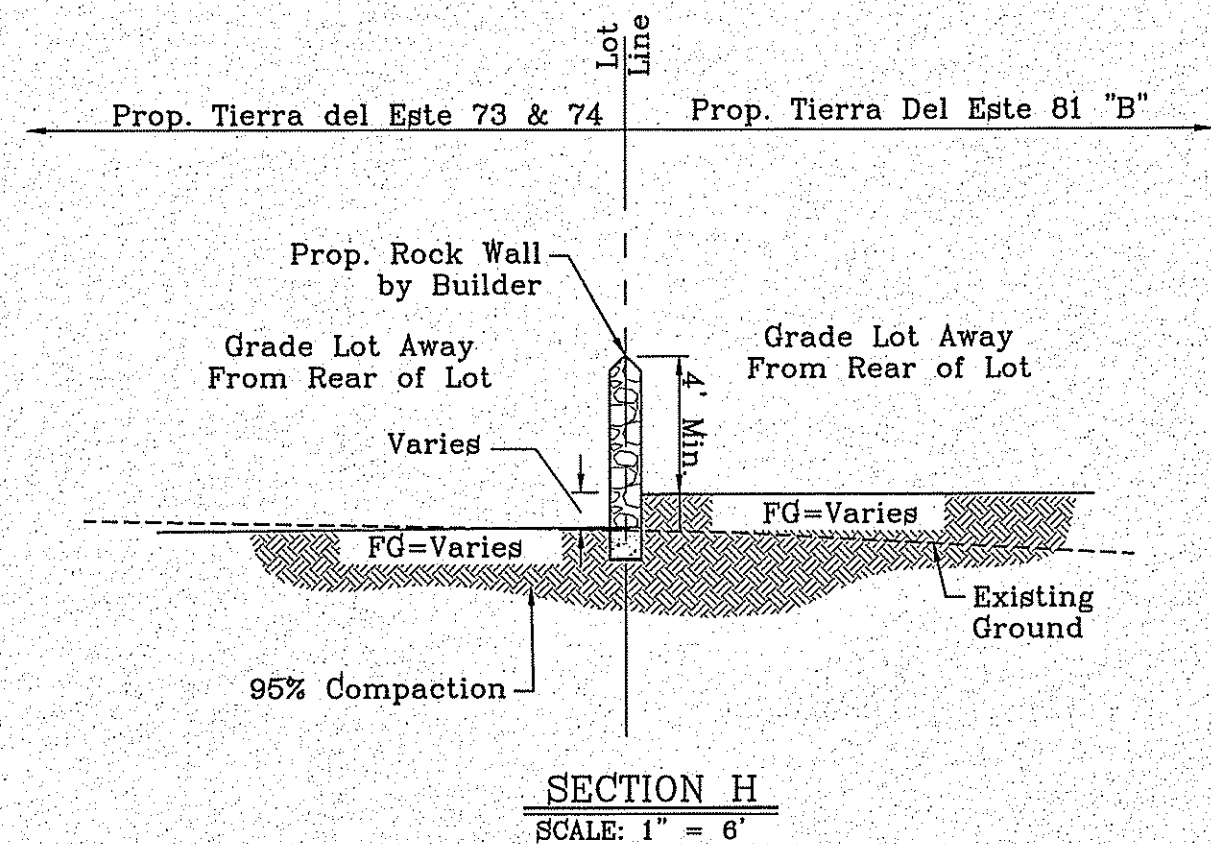
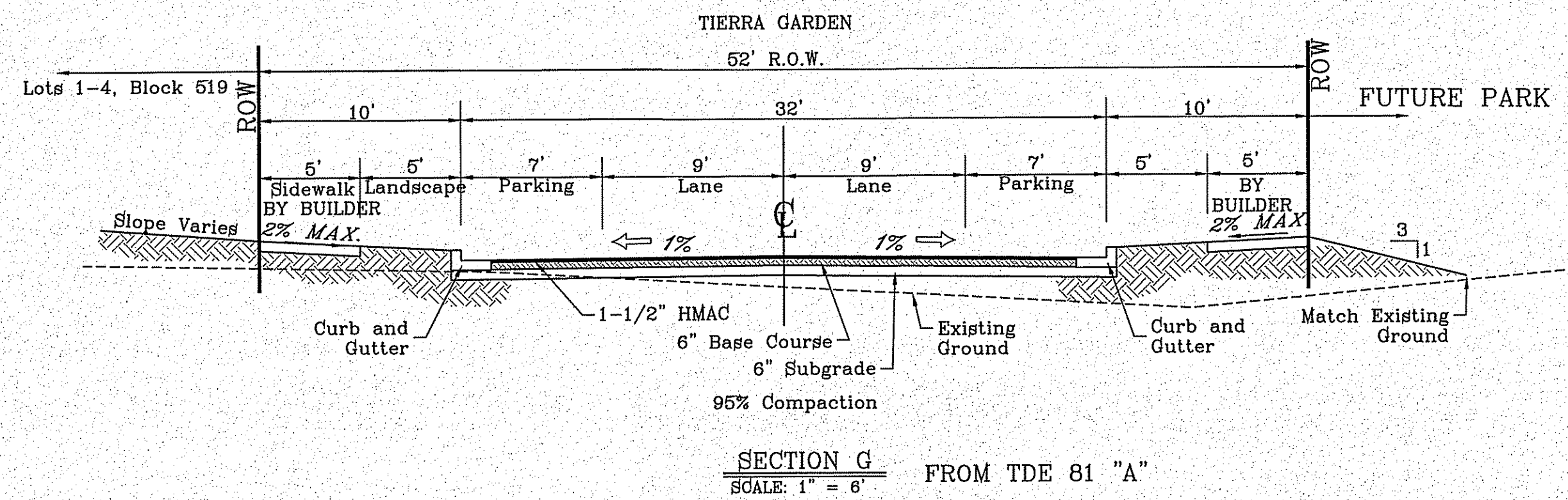
**CONDE INC.**  
REGISTRATION No. F-2321

**SHEET TITLE**  
GRADING SECTIONS

**SHT 10 OF 100**



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BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF  
HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

DATE	REVISIONS	BY

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 \"/>**

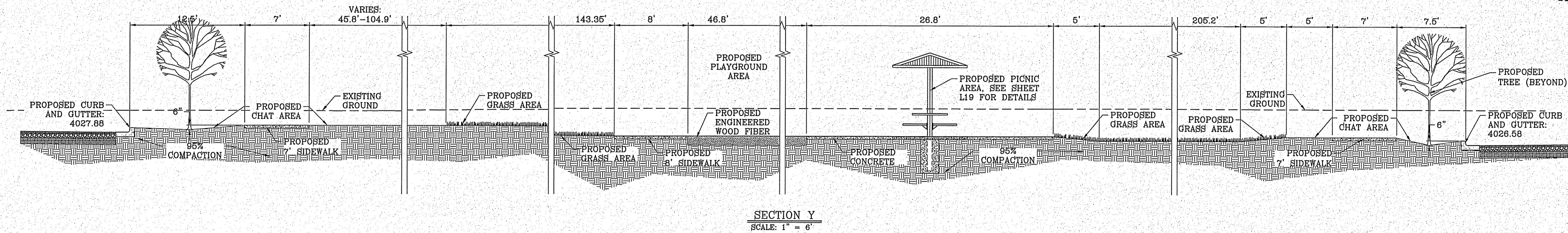
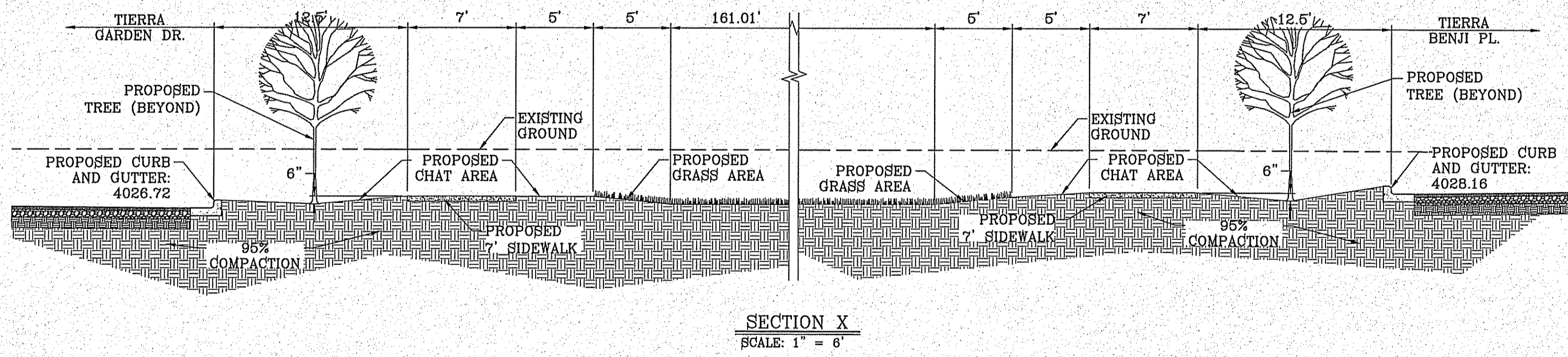
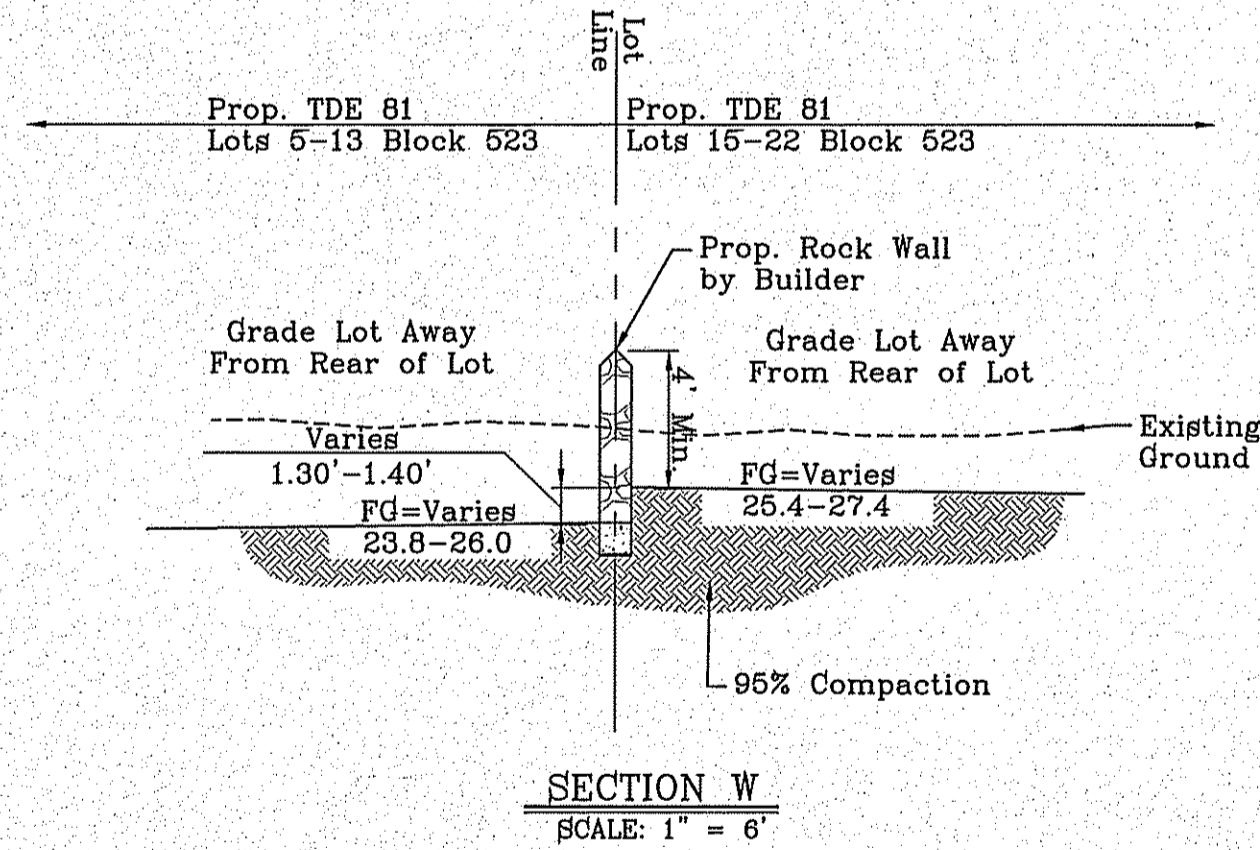
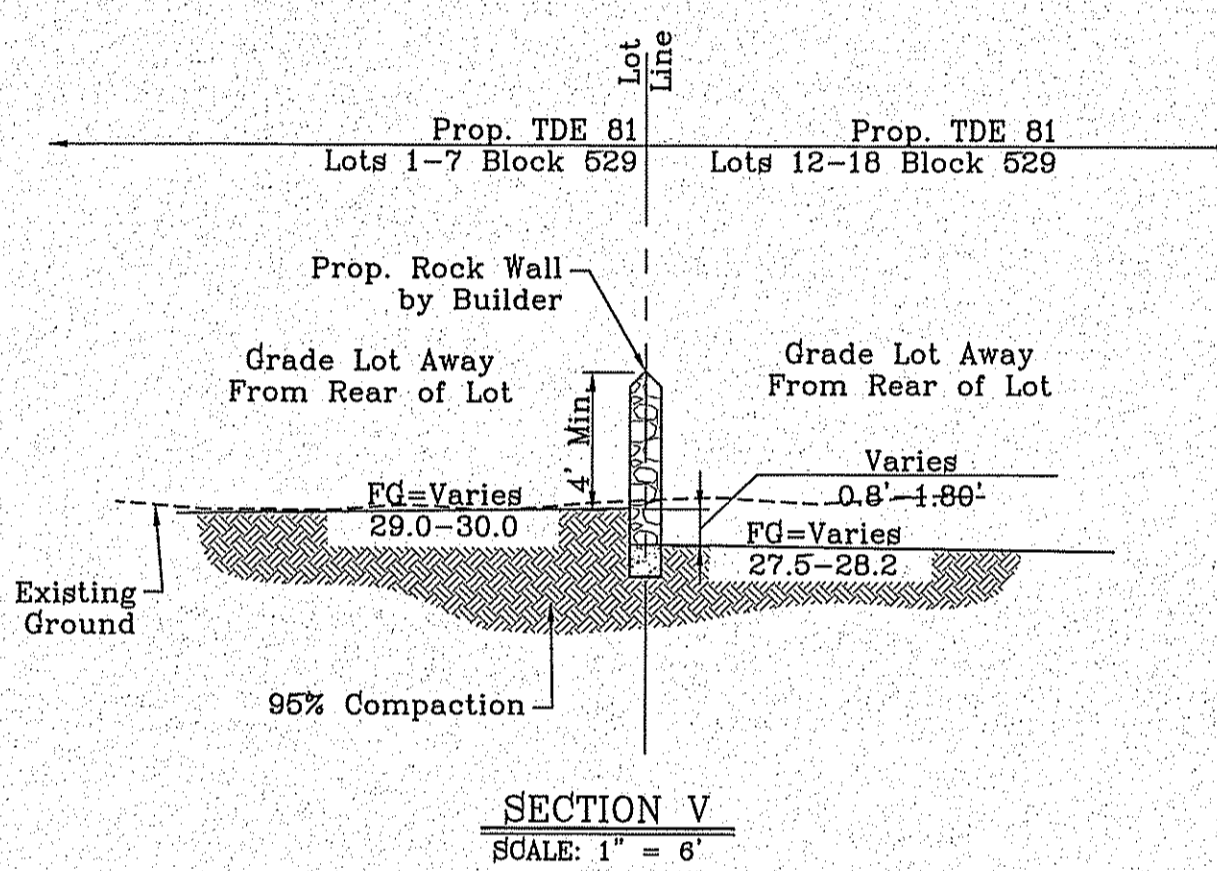
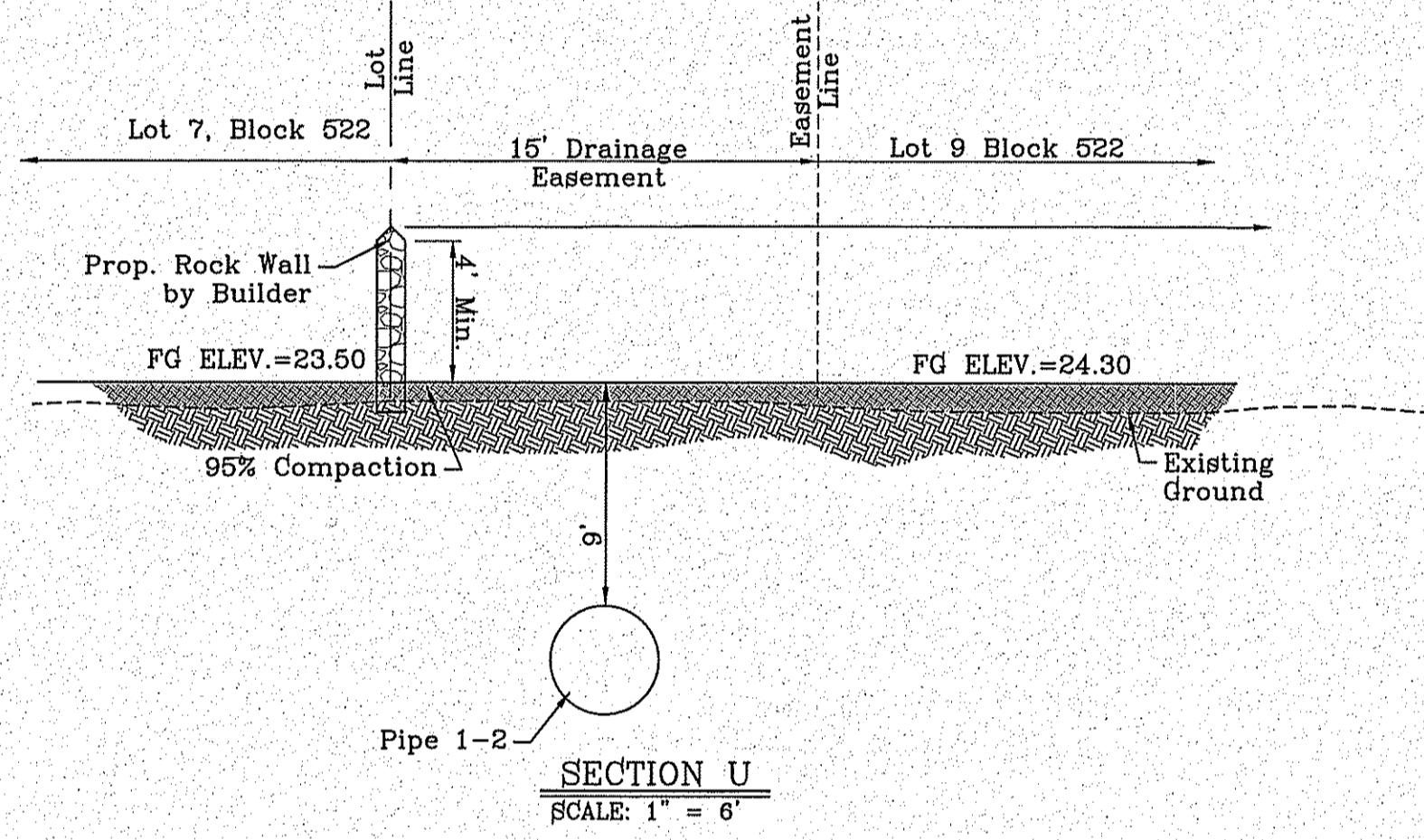
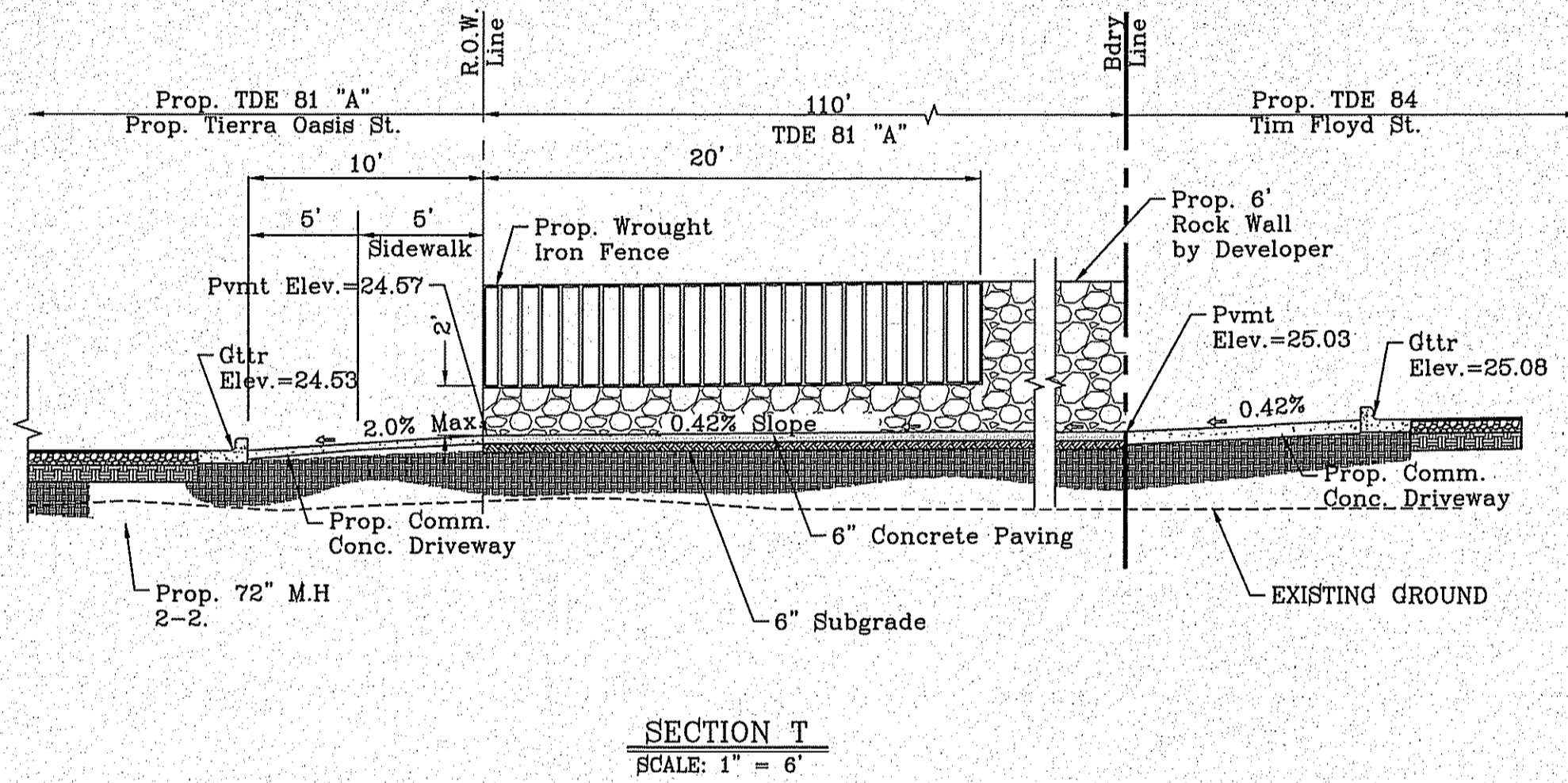
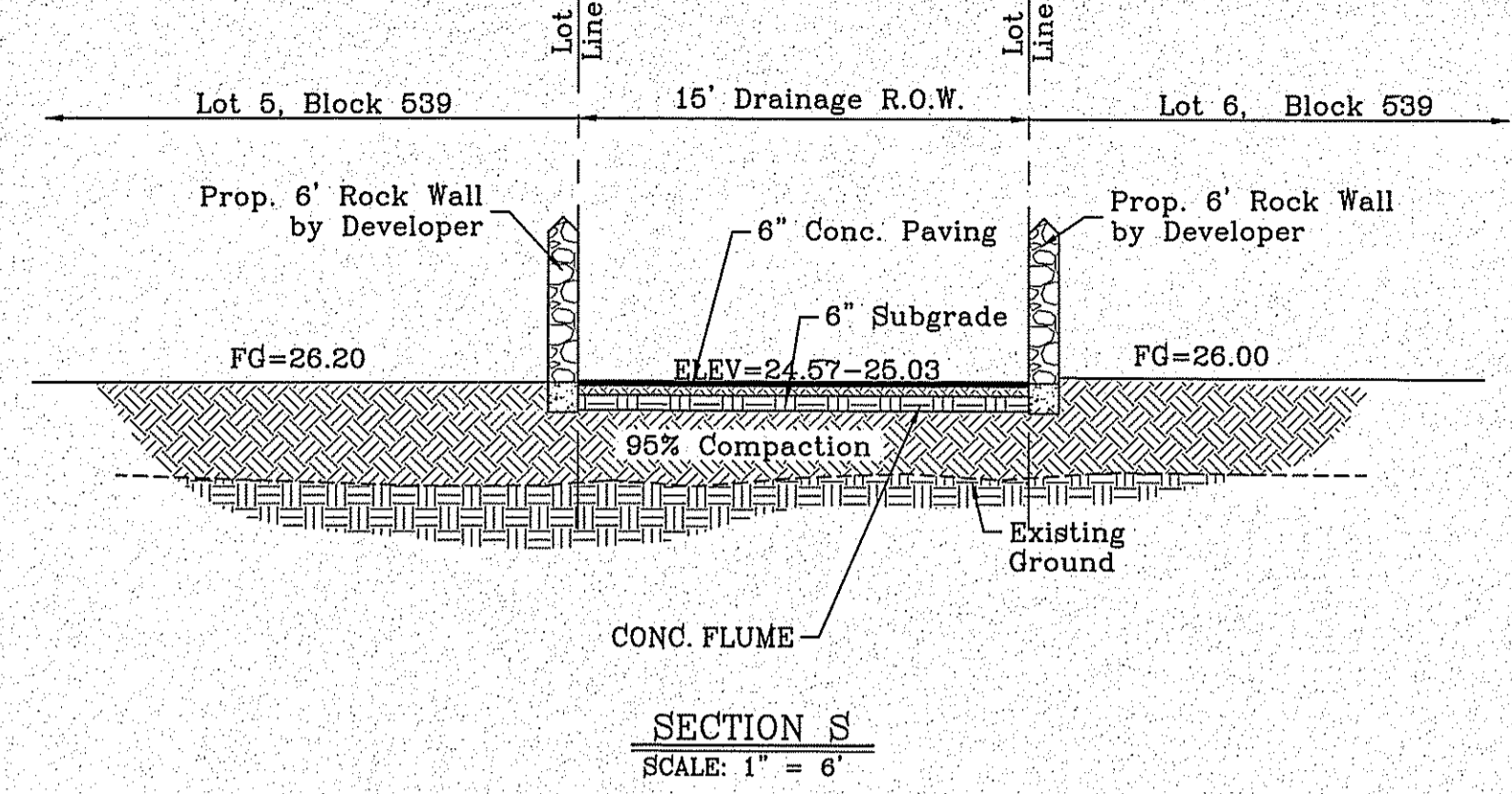
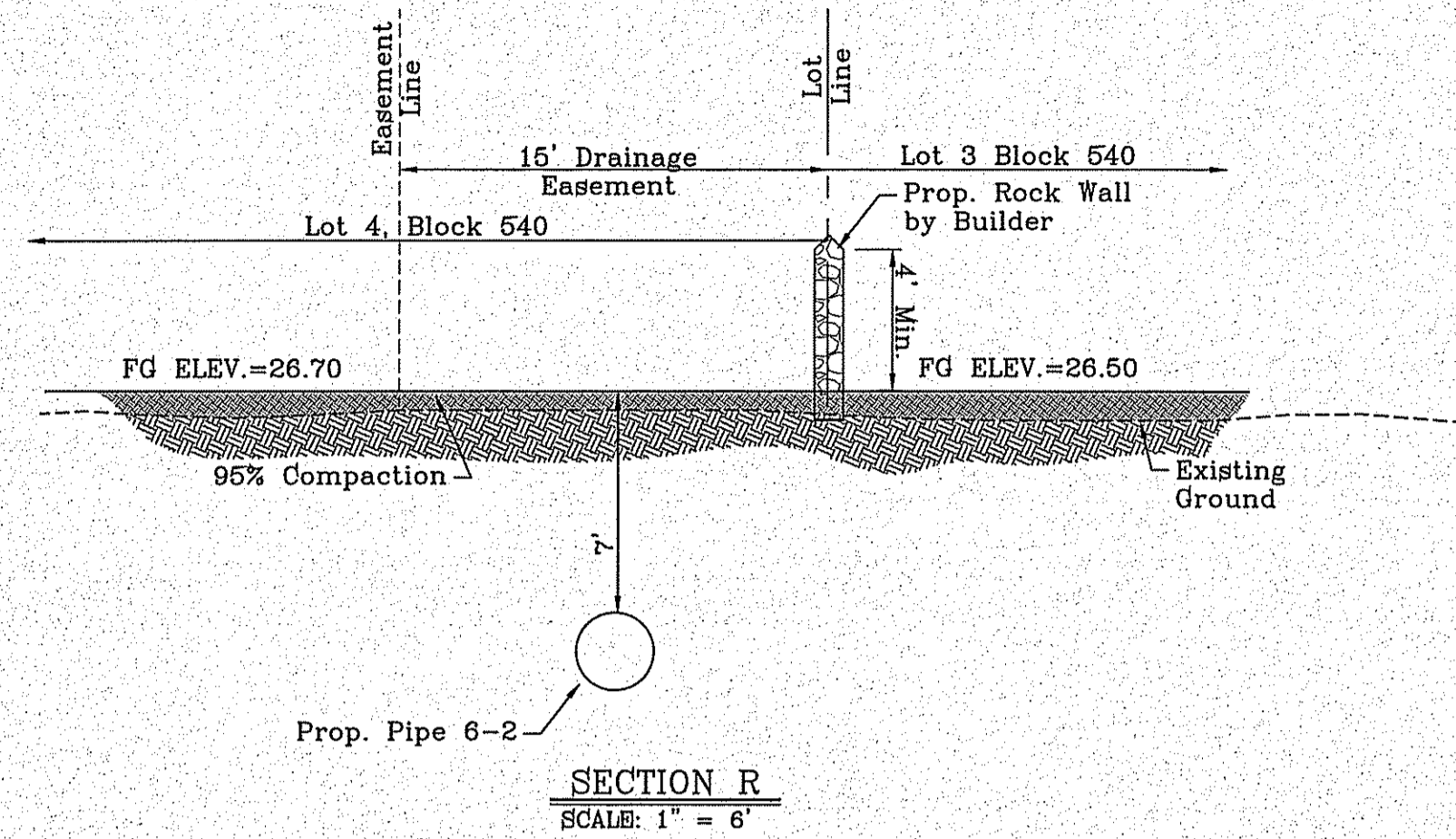
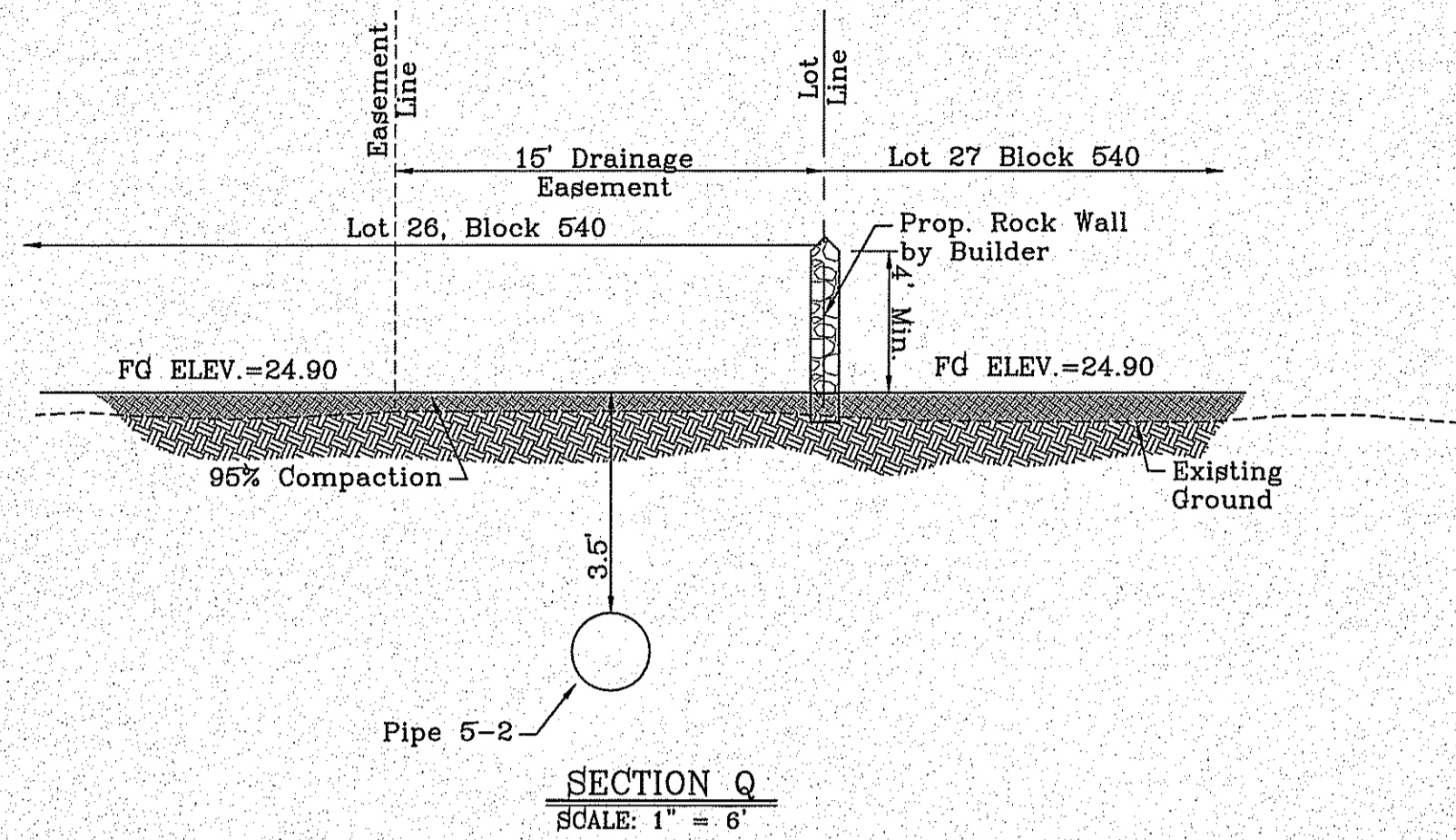
ENGINEER'S SEAL  
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CONDE INC.  
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SHEET TITLE  
**GRADING SECTIONS**

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BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4023.96 .....NAVD 88
REVISIONS	
DATE	
BY	

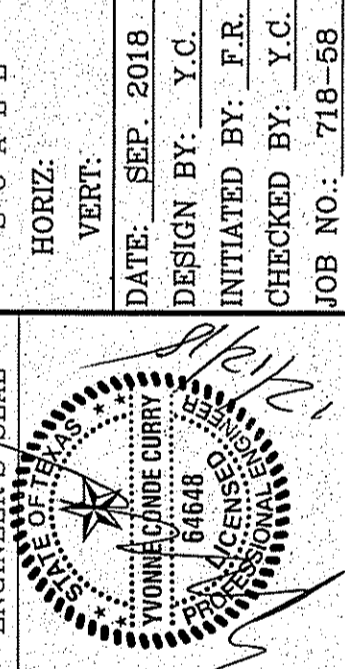
**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

**SC A L E**  
HORIZ: VERT: 1" = 6'

**ENGINEER'S SEAL**  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
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JOB NO.: 718-58

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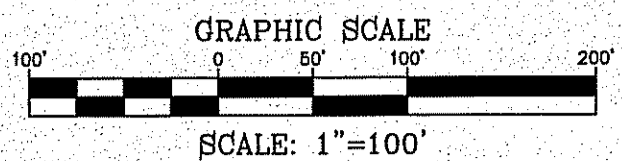
**BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES**



**CONDE INC.**  
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**GRADING SECTIONS**



**LEGEND**

- Q RUN-OFF QUANTITY (CUBIC Ft./Sec)
- C DRAINAGE COEFFICIENT
- I INTENSITY (IN/HR)
- A WATERSHED AREA (ACRES)
- ▲ HIGH POINT
- ▼ LOW POINT
- DRAINAGE FLOW
- - - PROPOSED DRAINAGE AREA

**INLET DATA**

INLET No.	INLET TYPE	No. GRATES	Q <sub>d</sub> 50 yr. cfs	Q <sub>d</sub> 100 yr. cfs	Q <sub>c</sub> cfs
1-1	II Mod.	10	24.75	30.00	77.20
1-2	II Mod.	10	32.83	39.81	77.20
1-3	II Mod.	10	37.85	45.90	77.20
2-1	II Mod.	10	32.83	39.81	77.20
2-2	I	2	14.49	17.56	21.80
2-3	I	2	14.49	17.56	21.80
3-1	I	3	18.52	22.46	32.70
3-2	II Mod.	10	23.52	28.52	77.20
4-1	II Mod.	10	46.62	56.48	77.20
5-1	I	2	10.78	13.05	21.80
6-1	II Mod.	10	6.86	8.31	77.20
6-2	II Mod.	10	34.49	43.01	77.20

CLOGGING FACTOR = 2/3

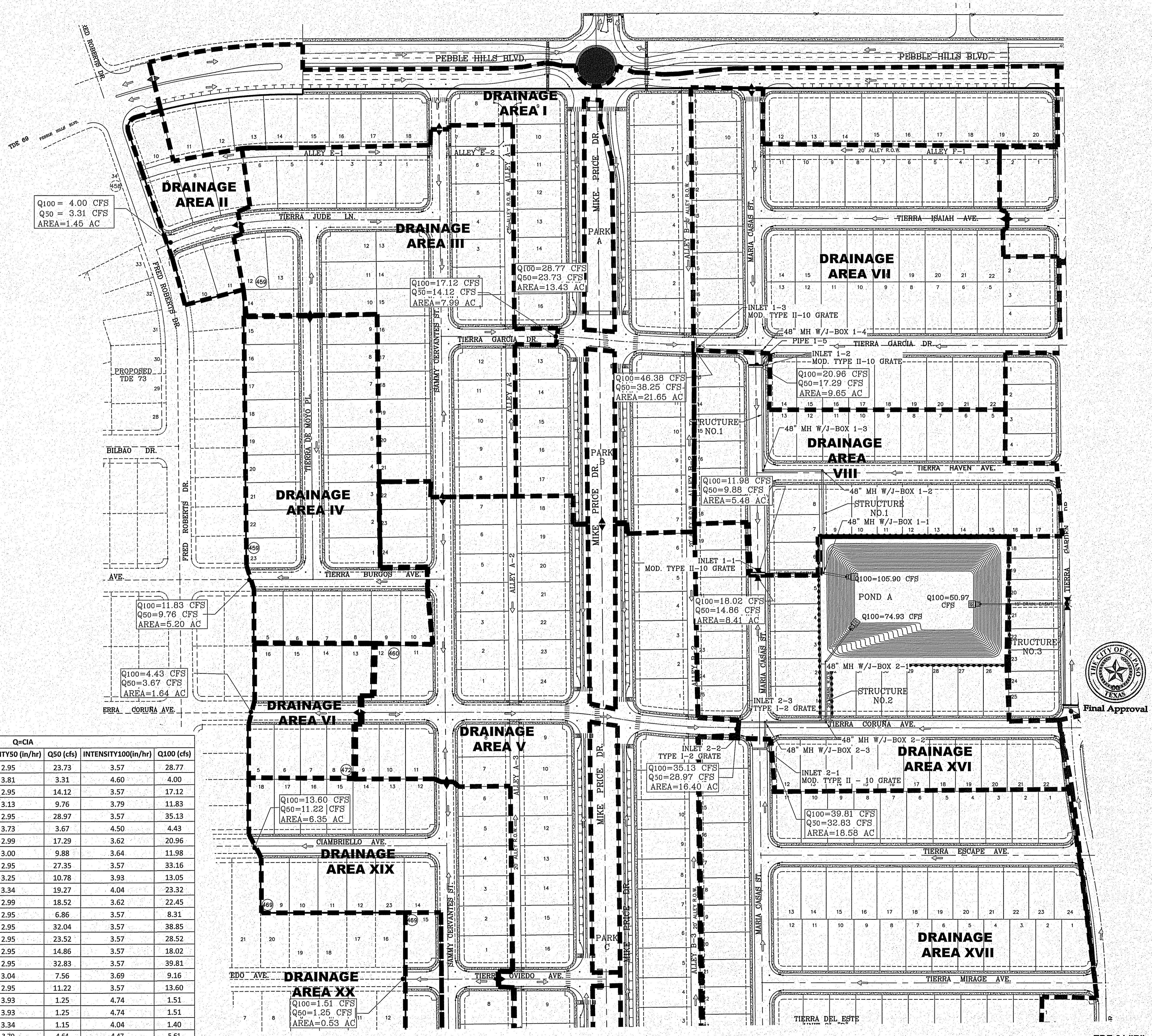
**STREET CARRYING CAPACITY-FLAT-60 YR STORM**

STREET NAME	STATION	Q <sub>c</sub> CFS	Velocity	Depth	Q <sub>cap</sub> CFS @ 5'
TERRA GARCIA DR.	4+40	38.25	3.41	0.43	51.26
MARIA CASAS ST.	10+65	25.47	2.95	0.36	51.26
MARIA CASAS ST.	17+27	33.31	3.17	0.33	51.26
TERRA CORUNA DR.	10+70	28.57	2.99	0.30	51.26
TERRA GARDEN DR.	13+55	24.81	2.89	0.27	51.26
TERRA DELTA ST.	4+30	46.15	3.62	0.40	51.26
TERRA ISAIHAH AVE.	19+45	11.37	2.11	0.17	51.26
TERRA OASIS ST.	5+45	33.63	3.20	0.33	51.26

NOTE: SEE LANDSCAPE AND IRRIGATION SHEETS FOR PARK DRAINAGE CALCULATIONS

**DRAINAGE CALCULATION TABLE Q=CIA**

DRAINAGE AREA	AREA (ac)	T <sub>c</sub> (min)	COEFFICIENT	INTENSITY50 (in/hr)	Q50 (cfs)	INTENSITY100 (in/hr)	Q100 (cfs)
I	13.43	30.00	0.60	2.95	23.73	3.57	28.77
II	1.45	16.50	0.60	3.81	3.31	4.60	4.00
III	7.99	30.00	0.60	2.95	14.12	3.57	17.12
IV	5.20	26.50	0.60	3.13	9.76	3.79	11.83
V	16.40	30.00	0.60	2.95	28.97	3.57	35.13
VI	1.64	17.54	0.60	3.73	3.67	4.50	4.43
VII	9.65	29.18	0.60	2.99	17.29	3.62	20.96
VIII	5.48	28.82	0.60	3.00	9.88	3.64	11.98
IX	15.48	30.00	0.60	2.95	27.35	3.57	33.16
X	5.53	24.48	0.60	3.25	10.78	3.93	13.05
XI	9.63	23.00	0.60	3.34	19.27	4.04	23.32
XII	10.33	29.18	0.60	2.99	18.52	3.62	22.45
XIII	3.88	30.00	0.60	2.95	6.86	3.57	8.31
XIV	18.13	30.00	0.60	2.95	32.04	3.57	38.85
XV	13.31	30.00	0.60	2.95	23.52	3.57	28.52
XVI	8.41	30.00	0.60	2.95	14.86	3.57	18.02
XVII	18.58	30.00	0.60	2.95	32.83	3.57	39.81
XVIII	4.14	28.12	0.60	3.04	7.56	3.69	9.16
XIX	6.35	30.00	0.60	2.95	11.22	3.57	13.60
XX	0.53	15.16	0.60	3.93	1.25	4.74	1.51
XXI	0.53	15.16	0.60	3.93	1.25	4.74	1.51
XXII	0.58	23.00	0.60	3.34	1.15	4.04	1.40
XXIII	1.32	17.83	0.95	3.70	4.64	4.47	5.61



**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 'B'

**BENCHMARK**  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4023.96 .....NAVD 88

**SCALE**  
HORIZ: 1" = 100'  
VERT: 1" = 10'

**DATE**  
DATE: SEP. 2018

**DESIGN BY**  
DESIGN BY: Y.C.

**INITIATED BY**  
INITIATED BY: F.R.

**CHECKED BY**  
CHECKED BY: Y.C.

**REVISIONS**

NO.	DATE	BY	REVISIONS

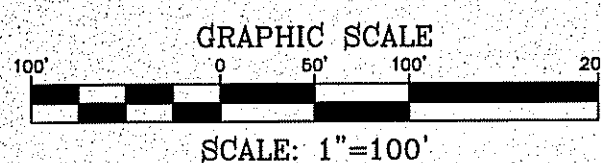
**ENGINEER'S SEAL**  
YOUNG & RUBICAM

**CONDE INC.**  
ENGINEERING / PLANNING / SURVEYING / GPS  
6080 SUITE DR. STE 100  
EL PASO, TEXAS 78905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**CONDE INC.**  
REGISTRATION No. F-2321

**SHEET TITLE**  
DRAINAGE PLAN

**SHT 13 OF 100**



**LEGEND**

- Q RUN-OFF QUANTITY (CUBIC FT./SEC)
- C DRAINAGE COEFFICIENT
- I INTENSITY (IN/HR)
- A WATERSHED AREA (ACRES)
- ◆ HIGH POINT
- ◆ LOW POINT
- DRAINAGE FLOW
- - - PROPOSED DRAINAGE AREA

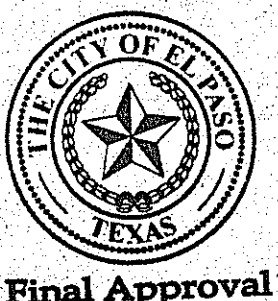
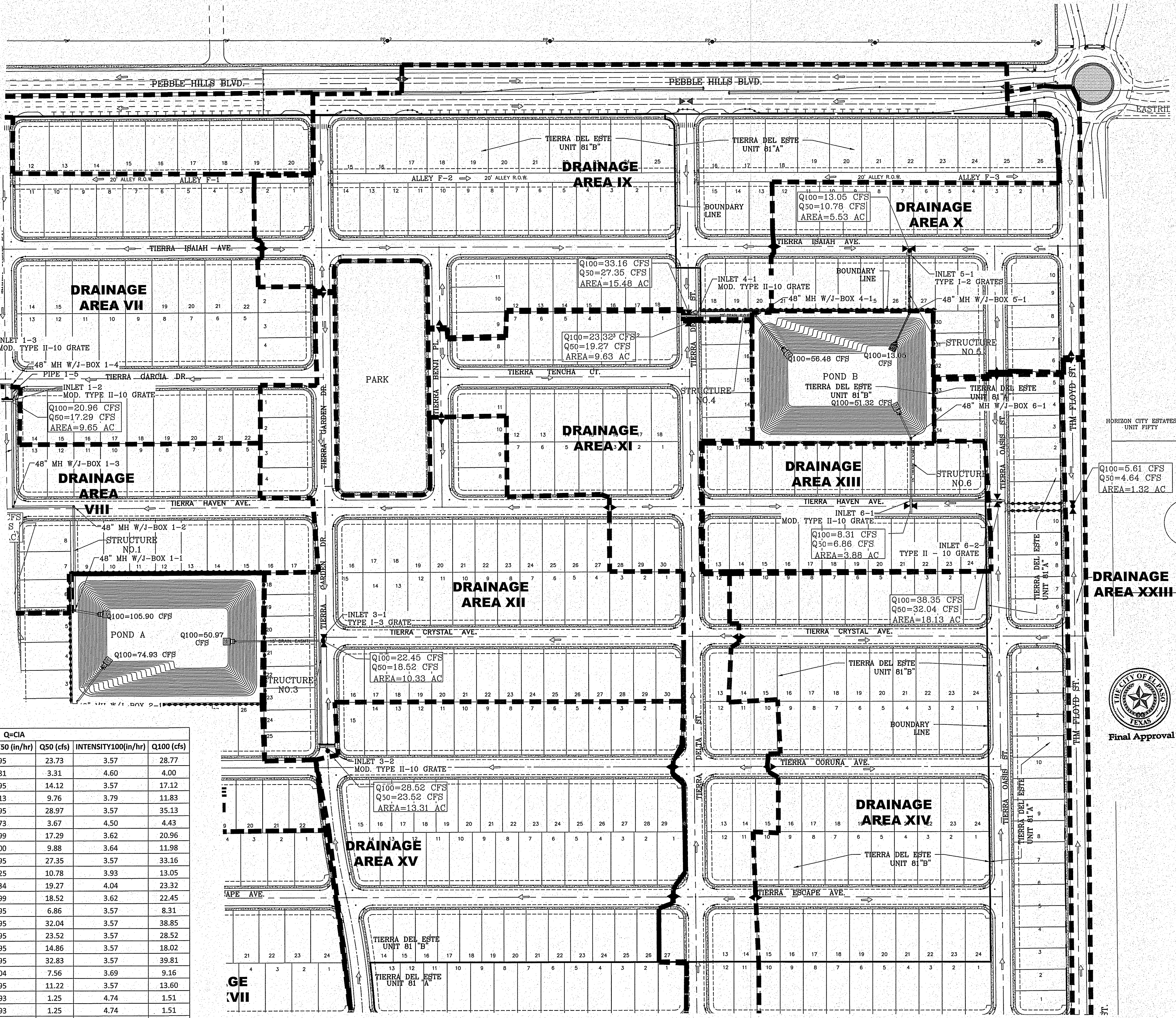
INLET DATA						
INLET No.	INLET TYPE	No. GRATES	Qd <sub>50</sub> yr. cfs	Qd <sub>100</sub> yr. cfs	Qc cfs	
1-1	II Mod.	10	24.75	30.00	77.20	
1-2	II Mod.	10	32.83	39.81	77.20	
1-3	II Mod.	10	37.85	45.90	77.20	
2-1	II Mod.	10	32.83	39.81	77.20	
2-2	I	2	14.49	17.56	21.80	
2-3	I	2	14.49	17.56	21.80	
3-1	I	3	18.52	22.45	32.70	
3-2	II Mod.	10	23.52	28.52	77.20	
4-1	II Mod.	10	46.62	56.48	77.20	
5-1	I	2	10.78	13.05	21.80	
6-1	II Mod.	10	6.86	8.31	77.20	
6-2	II Mod.	10	34.49	43.01	77.20	

CLOGGING FACTOR = 2/3

STREET CARRYING CAPACITY-FLAT-60 YR STORM						
STREET NAME	STATION	Q <sub>c</sub> CFS	Velocity	Depth	Q <sub>50</sub> CFS	Q <sub>100</sub> CFS
TIERRA GARCIA DR.	4+40	38.25	3.41	0.43	51.26	
MARIA CASAS ST.	10+65	25.47	2.95	0.36	51.26	
MARIA CASAS ST.	17+27	33.31	3.17	0.33	51.26	
TIERRA CORUNA DR.	10+70	28.57	2.99	0.30	51.26	
TIERRA GARDEN DR.	13+55	24.81	2.89	0.27	51.26	
TIERRA DELTA ST.	4+30	48.15	3.62	0.40	51.26	
TIERRA ISAIAH AVE.	19+45	11.37	2.11	0.17	51.26	
TIERRA OASIS ST.	5+45	33.83	3.20	0.33	51.26	

NOTE: SEE LANDSCAPE AND IRRIGATION SHEETS FOR PARK DRAINAGE CALCULATIONS

DRAINAGE AREA	AREA (ac)	DRAINAGE CALCULATION TABLE					
		Tc (min)	COEFFICIENT	INTENSITY50 (in/hr)	Q50 (cfs)	INTENSITY100 (in/hr)	Q100 (cfs)
I	13.43	30.00	0.60	2.95	23.73	3.57	28.77
II	1.45	16.50	0.60	3.81	3.31	4.60	4.00
III	7.99	30.00	0.60	2.95	14.12	3.57	17.12
IV	5.20	26.50	0.60	3.13	9.76	3.79	11.83
V	16.40	30.00	0.60	2.95	28.97	3.57	35.13
VI	1.64	17.54	0.60	3.73	3.67	4.50	4.43
VII	9.65	29.18	0.60	2.99	17.29	3.62	20.96
VIII	5.48	28.82	0.60	3.00	9.88	3.64	11.98
IX	15.48	30.00	0.60	2.95	27.35	3.57	33.16
X	5.53	24.48	0.60	3.25	10.78	3.93	13.05
XI	9.63	23.00	0.60	3.34	19.27	4.04	23.32
XII	10.33	29.18	0.60	2.99	18.52	3.62	22.45
XIII	3.88	30.00	0.60	2.95	6.86	3.57	8.31
XIV	18.13	30.00	0.60	2.95	32.04	3.57	38.85
XV	13.31	30.00	0.60	2.95	23.52	3.57	28.52
XVI	8.41	30.00	0.60	2.95	14.86	3.57	18.02
XVII	18.58	30.00	0.60	2.95	32.83	3.57	39.81
XVIII	4.14	28.12	0.60	3.04	7.56	3.69	9.16
XIX	6.35	30.00	0.60	2.95	11.22	3.57	13.60
XX	0.53	15.16	0.60	3.93	1.25	4.74	1.51
XXI	0.53	15.16	0.60	3.93	1.25	4.74	1.51
XXII	0.58	23.00	0.60	3.34	1.15	4.04	1.40
XXIII	1.32	17.83	0.95	3.70	4.64	4.47	5.61



Final Approval

BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**  
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.9274 ACRES

SCALE  
HORIZ: 1" = 100'  
VERT: 1" = 100'  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 748-58

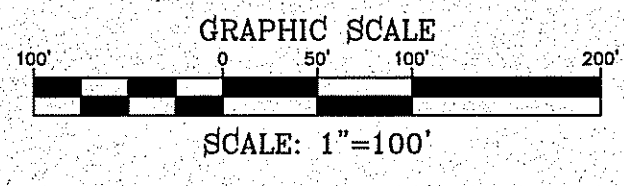
CONDE INC.  
ENGINEERING / PLANNING / SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

CONDE INC.  
REGISTRATION No. F-2321  
SHEET TITLE

**DRAINAGE PLAN**

FILE LOCATION S:\Subdivisions\TDE 81 E\DWG\DRAINAGE & SWPPP PLOTTED ON Friday, November 2, 2018 2:07:36 PM BY FELIX RODRIGUEZ

FILE LOCATION E:\Subdivisions\TDE 81 B\DWG\DRAINAGE & SWPPP PLOTTED ON Friday, November 2, 2018 2:07:47 PM BY FELIX RODRIGUEZ



**LEGEND**

- Q RUN-OFF QUANTITY (CUBIC Ft/Sec)
- C DRAINAGE COEFFICIENT
- I INTENSITY (IN/HR)
- A WATERSHED AREA (ACRES)
- ▲ HIGH POINT
- ▼ LOW POINT
- DRAINAGE FLOW
- - - PROPOSED DRAINAGE AREA

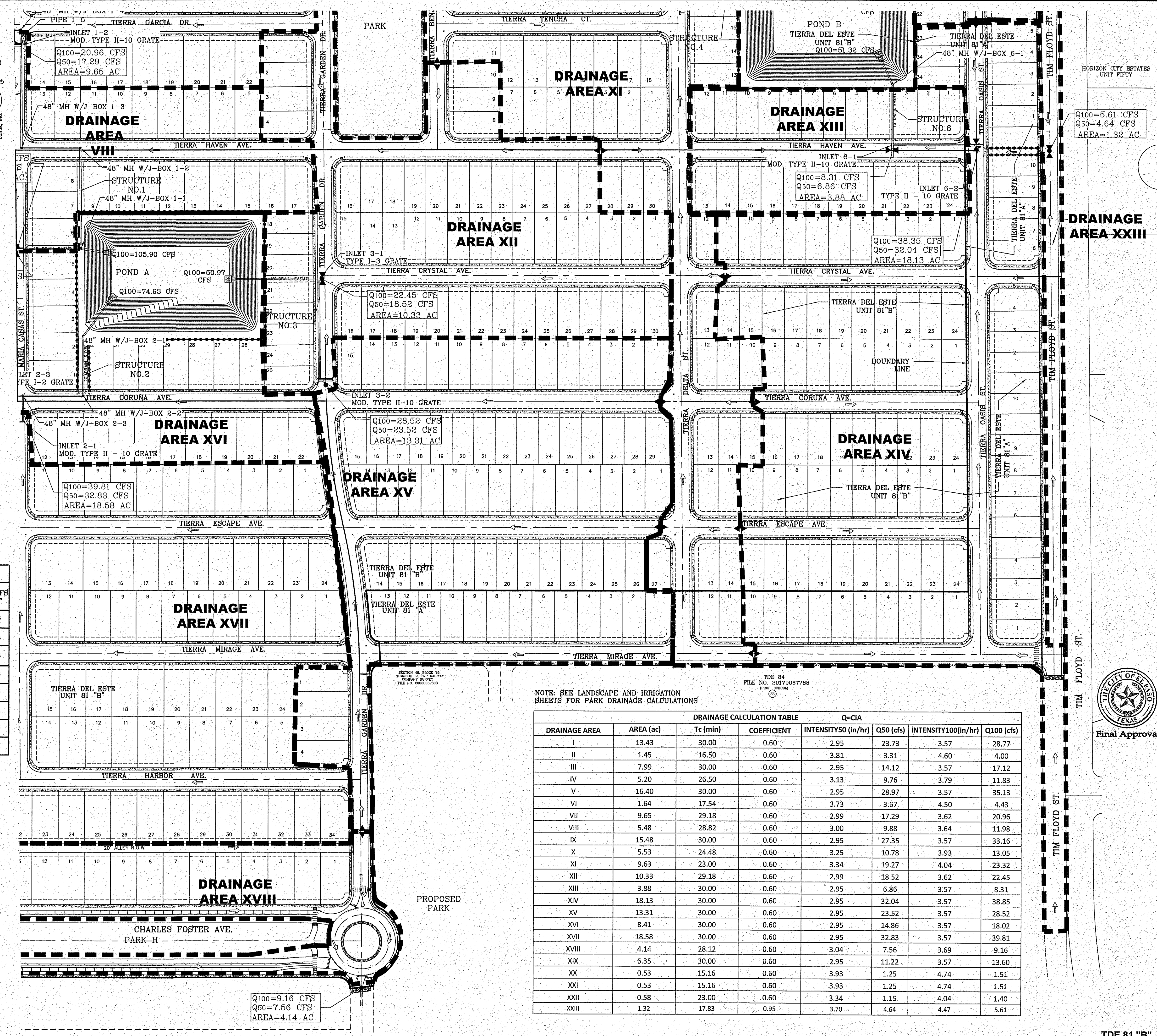
**INLET DATA**

INLET No.	INLET TYPE	No. GRATES	Q <sub>d60</sub> yr. cfs	Q <sub>d100</sub> yr. cfs	Q <sub>c</sub> cfs
1-1	II Mod.	10	24.75	30.00	77.20
1-2	II Mod.	10	32.83	39.81	77.20
1-3	II Mod.	10	37.85	45.90	77.20
2-1	II Mod.	10	32.83	39.81	77.20
2-2	I	2	14.49	17.56	21.80
2-3	I	2	14.49	17.56	21.80
3-1	I	3	18.52	22.45	32.70
3-2	II Mod.	10	23.52	28.52	77.20
4-1	II Mod.	10	46.62	56.48	77.20
5-1	I	2	10.78	13.05	21.80
6-1	II Mod.	10	6.86	8.31	77.20
6-2	II Mod.	10	34.49	43.01	77.20

CLOGGING FACTOR = 2/3

**STREET CARRYING CAPACITY-FLAT-50 YR STORM**

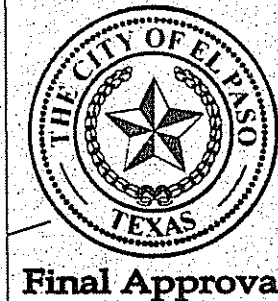
STREET NAME	STATION	Q <sub>c</sub> CFS	Velocity	Depth	Q <sub>d</sub> CFS @ 5'
TIERRA GARCIA DR.	4+40	38.25	3.41	0.43	51.26
MARIA CASAS ST.	10+65	25.47	2.95	0.36	51.26
MARIA CASAS ST.	17+27	33.31	3.17	0.33	51.26
TIERRA CORUNA DR.	10+70	28.57	2.99	0.30	51.26
TIERRA GARDEN DR.	13+66	24.81	2.89	0.27	51.26
TIERRA DELTA ST.	4+30	46.15	3.62	0.40	51.26
TIERRA ISAIAH AVE.	19+45	11.37	2.11	0.17	51.26
TIERRA OASIS ST.	5+45	33.63	3.20	0.33	51.26



NOTE: SEE LANDSCAPE AND IRRIGATION SHEETS FOR PARK DRAINAGE CALCULATIONS

TDE 84  
FILE NO. 20170067788  
(REV. 2/2018)

DRAINAGE AREA	AREA (ac)	DRAINAGE CALCULATION TABLE					
		T <sub>c</sub> (min)	COEFFICIENT	INTENSITY50 (in/hr)	Q50 (cfs)	INTENSITY100(in/hr)	Q100 (cfs)
I	13.43	30.00	0.60	2.95	23.73	3.57	28.77
II	1.45	16.50	0.60	3.81	3.31	4.60	4.00
III	7.99	30.00	0.60	2.95	14.12	3.57	17.12
IV	5.20	26.50	0.60	3.13	9.76	3.79	11.83
V	16.40	30.00	0.60	2.95	28.97	3.57	35.13
VI	1.64	17.54	0.60	3.73	3.67	4.50	4.43
VII	9.65	29.18	0.60	2.99	17.29	3.62	20.96
VIII	5.48	28.82	0.60	3.00	9.88	3.64	11.98
IX	15.48	30.00	0.60	2.95	27.35	3.57	33.16
X	5.53	24.48	0.60	3.25	10.78	3.93	13.05
XI	9.63	23.00	0.60	3.34	19.27	4.04	23.32
XII	10.33	29.18	0.60	2.99	18.52	3.62	22.45
XIII	3.88	30.00	0.60	2.95	6.86	3.57	8.31
XIV	18.13	30.00	0.60	2.95	32.04	3.57	38.85
XV	13.31	30.00	0.60	2.95	23.52	3.57	28.52
XVI	8.41	30.00	0.60	2.95	14.86	3.57	18.02
XVII	18.58	30.00	0.60	2.95	32.83	3.57	39.81
XVIII	4.14	28.12	0.60	3.04	7.56	3.69	9.16
XIX	6.35	30.00	0.60	2.95	11.22	3.57	13.60
XX	0.53	15.16	0.60	3.93	1.25	4.74	1.51
XXI	0.53	15.16	0.60	3.93	1.25	4.74	1.51
XXII	0.58	23.00	0.60	3.34	1.15	4.04	1.40
XXIII	1.32	17.83	0.95	3.70	4.64	4.47	5.61



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 692-0286



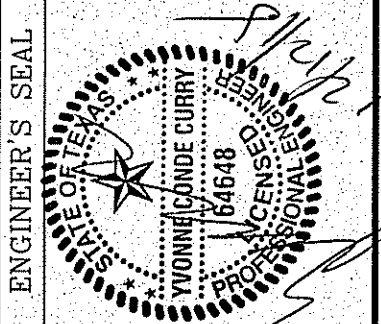
REGISTRATION No. F-2321

**DRAINAGE PLAN**

**TIERRA DEL ESTE UNIT 81 "B"**  
PROJECT NAME  
BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

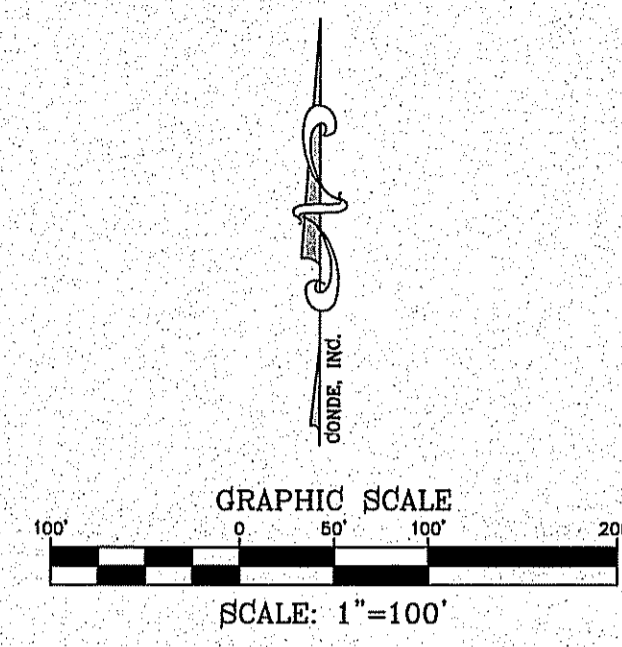
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.3274 ACRES

SCALE  
HORIZ: 1" = 100'  
VERT: - - -  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-56



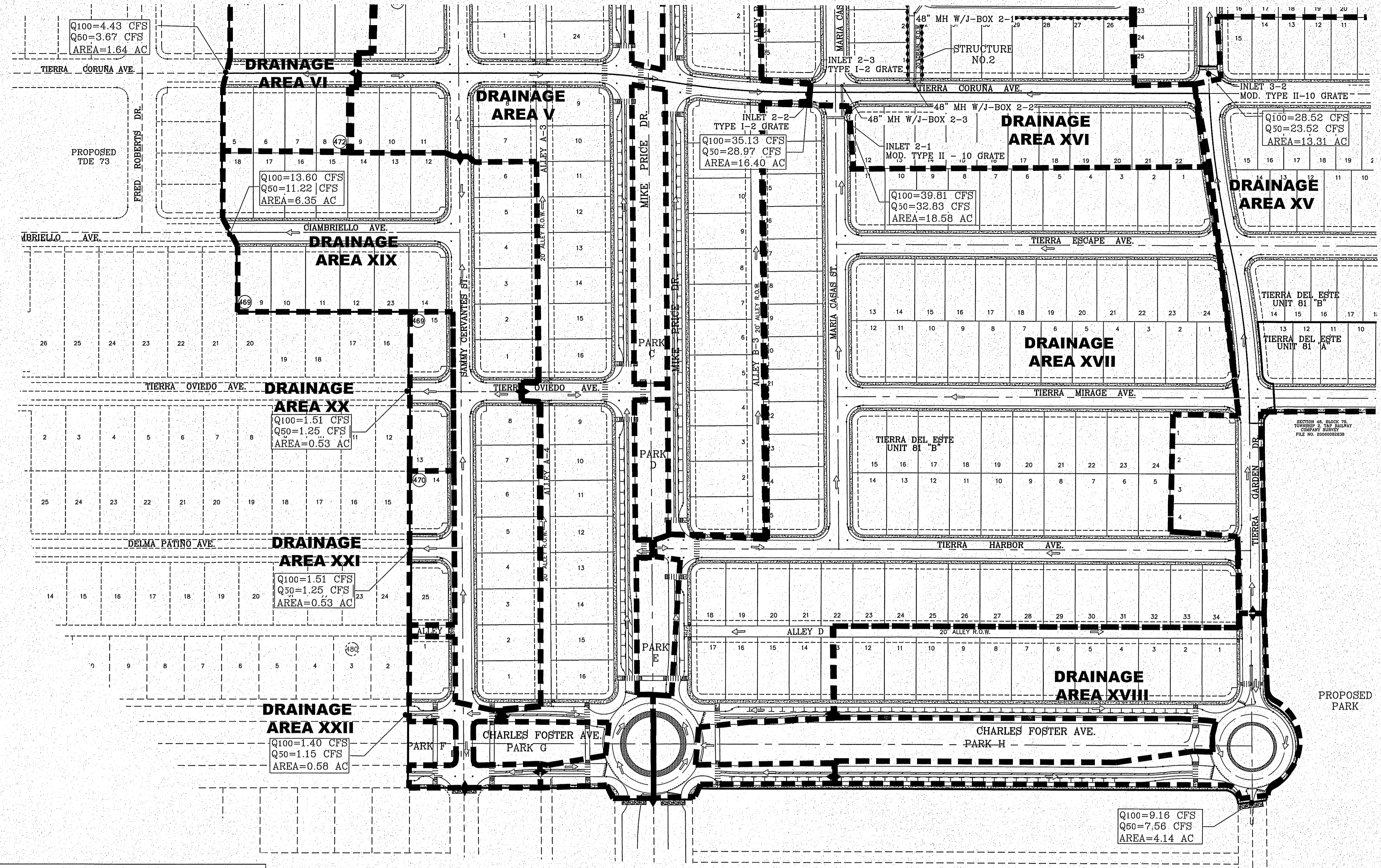
Final Approval

FILE LOCATION S:\Subdivision\TDE 81 B.DWG\RAINAGE & SWPPP PLOTTED ON Friday, November 2, 2018 2:07:55 PM BY FELIX RODRIGUEZ



**LEGEND**

- Q RUN-OFF QUANTITY (CUBIC Ft./Sec)
- C DRAINAGE COEFFICIENT
- I INTENSITY (IN/HR)
- A WATERSHED AREA (ACRES)
- ▲ HIGH POINT
- ▼ LOW POINT
- DRAINAGE FLOW
- - - PROPOSED DRAINAGE AREA



NOTE: SEE LANDSCAPE AND IRRIGATION SHEETS FOR PARK DRAINAGE CALCULATIONS

DRAINAGE AREA	AREA (ac)	Tc (min)	COEFFICIENT	Q=CIA			
				INTENSITY50 (in/hr)	Q50 (cfs)	INTENSITY100(in/hr)	Q100 (cfs)
I	13.43	30.00	0.60	2.95	23.73	3.57	28.77
II	1.45	16.50	0.60	3.81	3.31	4.60	4.00
III	7.99	30.00	0.60	2.95	14.12	3.57	17.12
IV	5.20	26.50	0.60	3.13	9.76	3.79	11.83
V	16.40	30.00	0.60	2.95	28.97	3.57	35.13
VI	1.64	17.54	0.60	3.73	3.67	4.50	4.43
VII	9.65	29.18	0.60	2.99	17.29	3.62	20.96
VIII	5.48	28.82	0.60	3.00	9.88	3.64	11.98
IX	15.48	30.00	0.60	2.95	27.35	3.57	33.16
X	5.53	24.48	0.60	3.25	10.78	3.93	13.05
XI	9.63	23.00	0.60	3.34	19.27	4.04	23.32
XII	10.33	29.18	0.60	2.99	18.52	3.62	22.45
XIII	3.88	30.00	0.60	2.95	6.86	3.57	8.31
XIV	18.13	30.00	0.60	2.95	32.04	3.57	38.85
XV	13.31	30.00	0.60	2.95	23.52	3.57	28.52
XVI	8.41	30.00	0.60	2.95	14.86	3.57	18.02
XVII	18.58	30.00	0.60	2.95	32.83	3.57	39.81
XVIII	4.14	28.12	0.60	3.04	7.56	3.69	9.16
XIX	6.35	30.00	0.60	2.95	11.22	3.57	13.60
XX	0.53	15.16	0.60	3.93	1.25	4.74	1.51
XXI	0.53	15.16	0.60	3.93	1.25	4.74	1.51
XXII	0.58	23.00	0.60	3.34	1.15	4.04	1.40
XXIII	1.32	17.83	0.95	3.70	4.64	4.47	5.61

INLET DATA					
INLET No.	INLET TYPE	No. GRATES	Qd50 yr. cfs	Qd100 yr. cfs	Qc cfs
1-1	II Mod.	10	24.75	30.00	77.20
1-2	II Mod.	10	32.83	39.81	77.20
1-3	II Mod.	10	37.85	45.90	77.20
2-1	II Mod.	10	32.83	39.81	77.20
2-2	I	2	14.49	17.56	21.80
2-3	I	2	14.49	17.56	21.80
3-1	I	3	18.62	22.45	32.70
3-2	II Mod.	10	23.52	28.52	77.20
4-1	II Mod.	10	46.62	56.48	77.20
5-1	I	2	10.78	13.05	21.80
6-1	II Mod.	10	6.86	8.31	77.20
6-2	II Mod.	10	34.49	43.01	77.20

CLOGGING FACTOR = 2/3

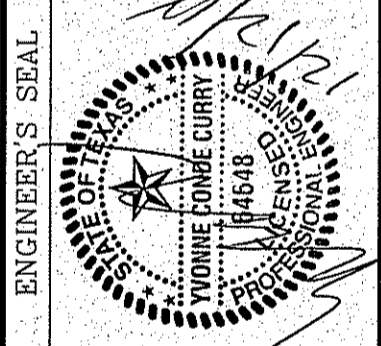
STREET CARRYING CAPACITY-FLAT-50 YR STORM					
STREET NAME	STATION	Qc CFS	Velocity	Depth	Qmax CFS @ 5"
TIERRA GARCIA DR.	4+40	38.25	3.41	0.43	61.26
MARIA CASAS ST.	10+65	25.47	2.95	0.36	61.26
MARIA CASAS ST.	17+27	33.31	3.17	0.33	61.26
TIERRA CORUNA DR.	10+70	28.57	2.99	0.30	61.26
TIERRA GARDEN DR.	13+65	24.81	2.89	0.27	61.26
TIERRA DELTA ST.	4+30	46.15	3.62	0.40	61.26
TIERRA ISAAH AVE.	19+45	11.37	2.11	0.17	61.26
TIERRA OASIS ST.	5+45	33.63	3.20	0.33	61.26



BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**  
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES

SCALE  
HORIZ: 1" = 100'  
VERT: 1" = 100'  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58



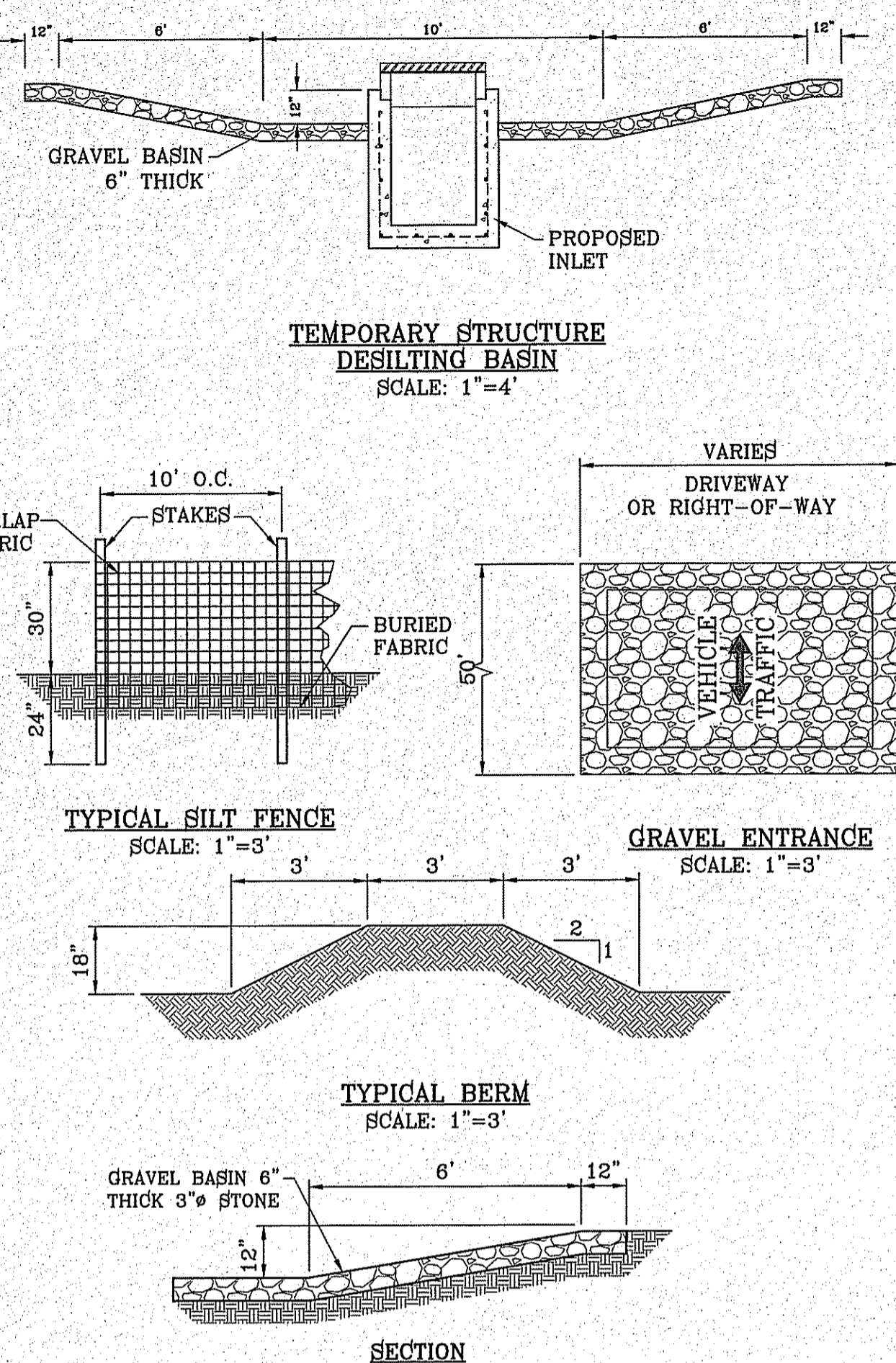
CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6030 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

SHEET TITLE  
**DRAINAGE PLAN**

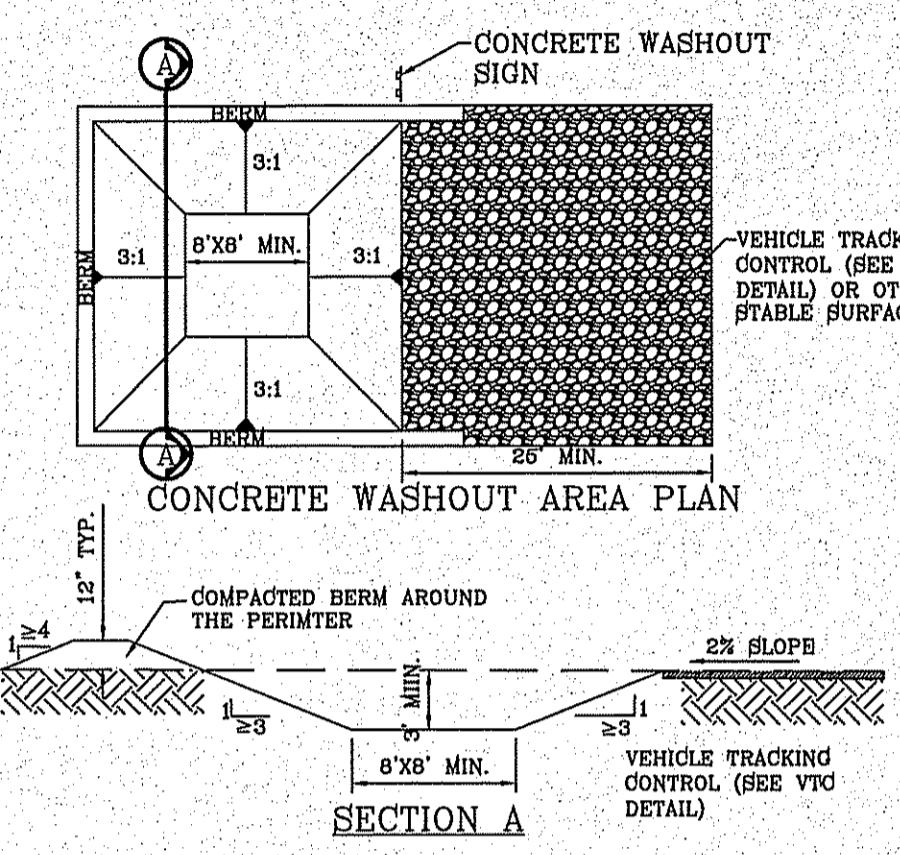
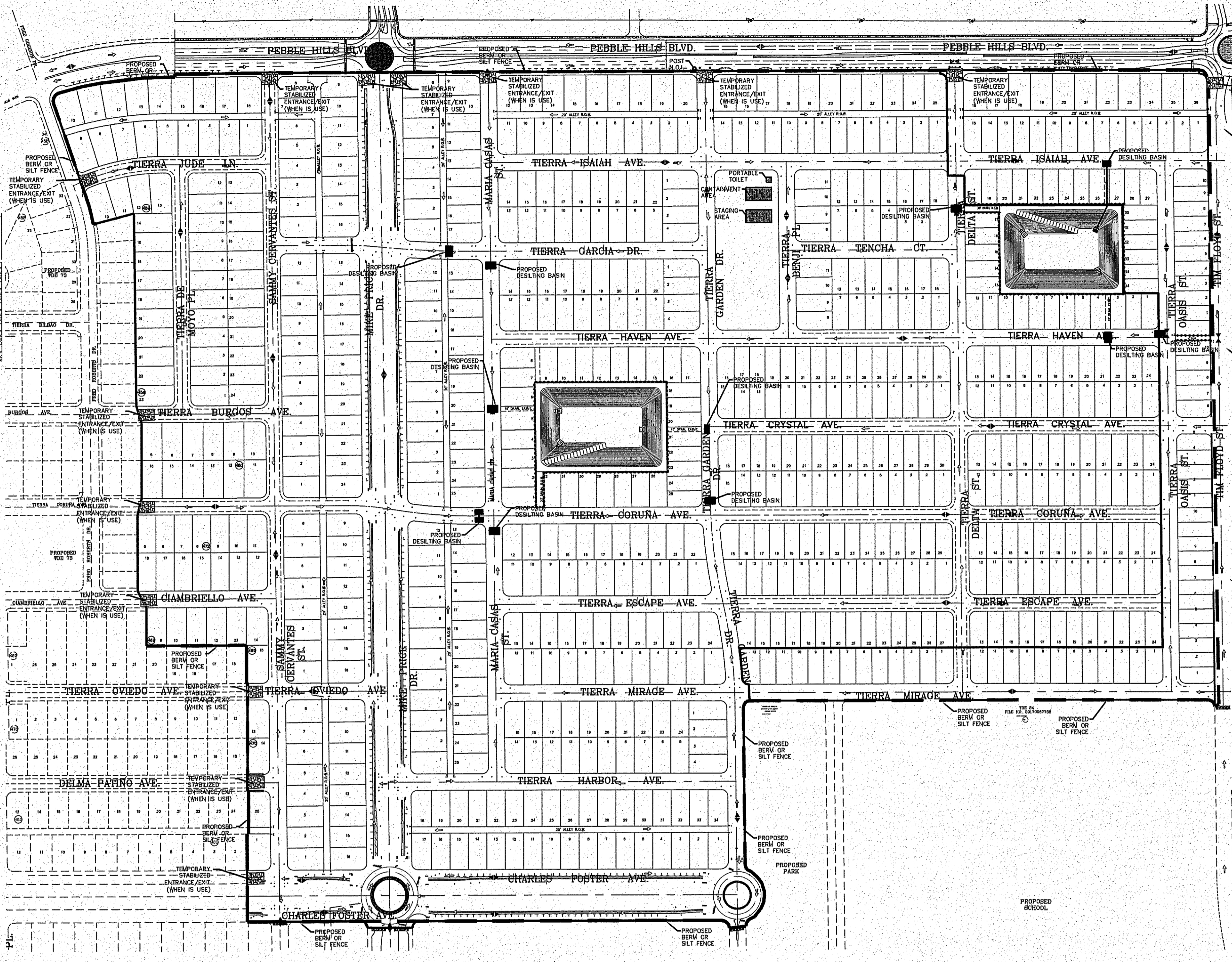
SHT 16 OF 100



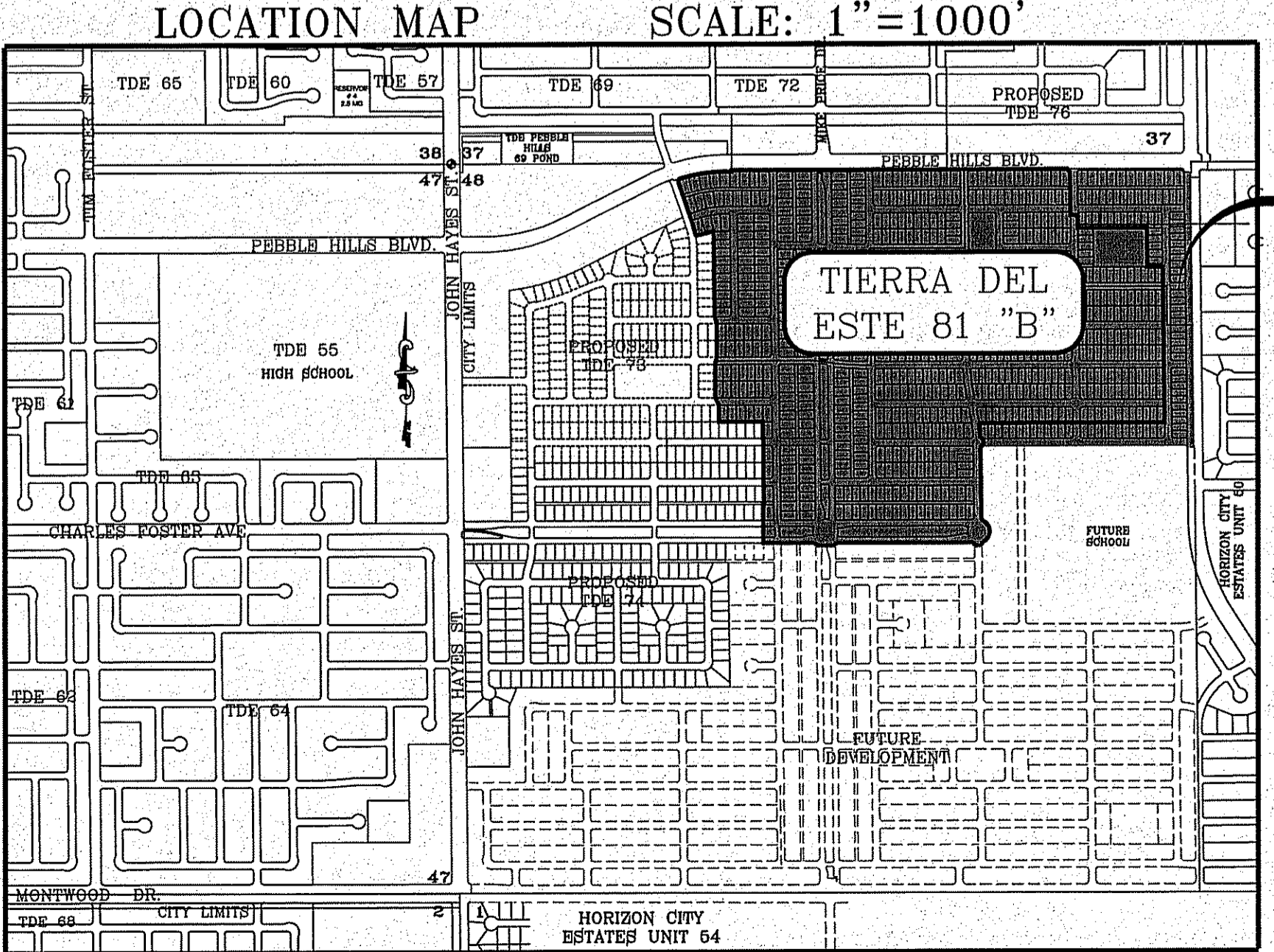
FILE LOCATION S:\Subdivisions\TDE 81 EUDWG\DRAINAGE & SWPPP PLOTTED ON Friday, November 2, 2018 2:08:02 PM BY FELIX RODRIGUEZ



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



- CWA-1. CONCRETE WASHOUT AREA**
- CWA INSTALLATION NOTES**
1. SEE PLAN VIEW FOR: -CWA INSTALLATION LOCATION
  2. DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY. DO NOT LOCATE WITHIN 1000' OF ANY WELLS OR DRINKING WATER SOURCES. IF THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (16 MIL MIN THICKNESS) OR SURFACE STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE SHOULD BE USED.
  3. THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
  4. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8' BY 8' SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT LEAST 3' DEEP.
  5. BERM SURROUNDING SIDES AND BACK SHALL HAVE A MINIMUM HEIGHT OF 1'.
  6. VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARD THE CWA.
  7. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE AT THE CWA AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
  8. USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.



- NOTE:**  
STAGING AREA AND CONTAINMENT AREA LOCATED OFF-SITE
- NOTES:**
1. T.P.D.E.S. PERMIT- AS REQUIRED BY CONTRACTOR
  2. STORM WATER AS PER N.P.D.E.S. PERMIT

**LEGEND**

FF=0.67	PROPOSED FINISH FLOOR
FG=00.00	PROPOSED FINISH GROUND
00.00	PROPOSED SPOT ELEVATION
▲	HIGH POINT
▼	LOW POINT
4000	EXISTING CONTOUR
4000	EXISTING SPOT ELEVATION
4000	PROPOSED CONTOUR
—●—●—●—	PROPOSED RETAINING WALL, RETAINING OVER 2'
—●—●—●—	PROPOSED SILT FENCE
Q	RUN-OFF QUANTITY (CUBIC Ft./Sec)
A	WATERSHED AREA (ACRES)
→	DRAINAGE FLOW



**CONDE INC.**  
ENGINEERING / PLANNING / SURVEYING / GPS  
6080 SUBURBY DR STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



**GRADING STABILIZATION PLAN & SWPPP**

**TIERRA DEL ESTE UNIT 81 "B"**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

BENCHMARK	DATE	REVISIONS

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

**SC A L E**  
HORIZ: 1" = 200'  
VERT: 1" = 200'

**DATE:** SEP. 2018  
**DESIGN BY:** Y.C.  
**INITIATED BY:** F.R.  
**CHECKED BY:** Y.C.  
**JOB NO.:** 718-58

**ENGINEER'S SEAL**

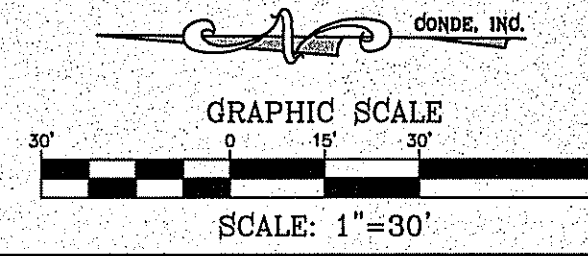
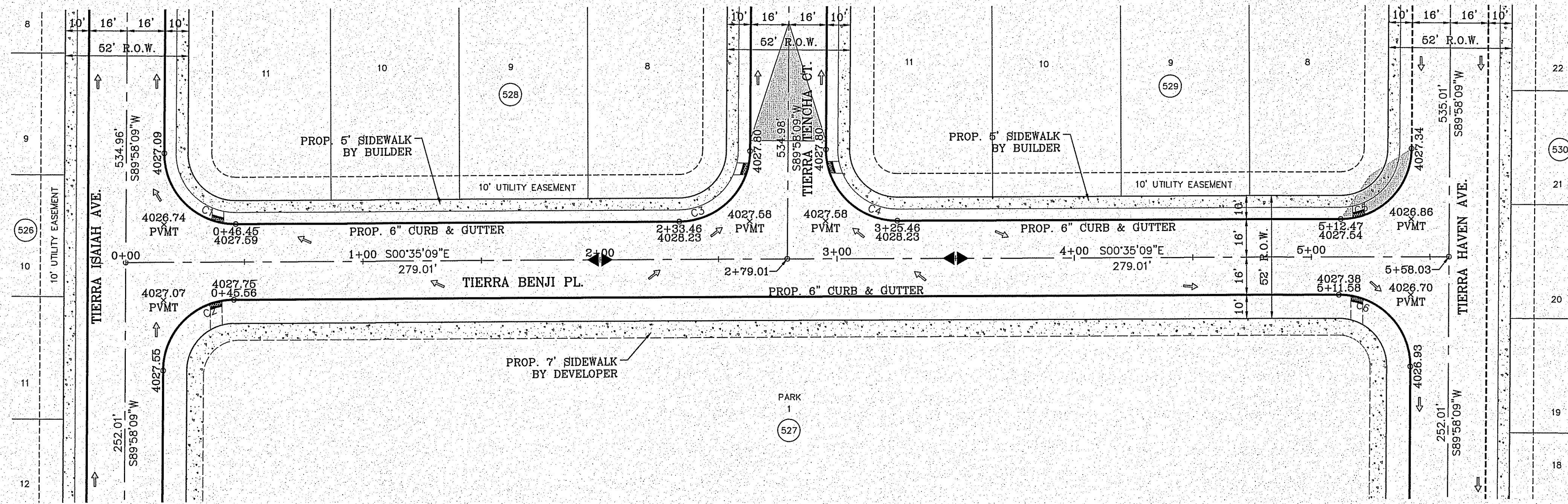
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.927± ACRES



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C2	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C3	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'33"
C4	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C5	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'26"
C6	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**BENCHMARK**  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4028.96 .....NAVD 86

BY \_\_\_\_\_  
DATE \_\_\_\_\_  
REVISIONS \_\_\_\_\_

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.827± ACRES

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

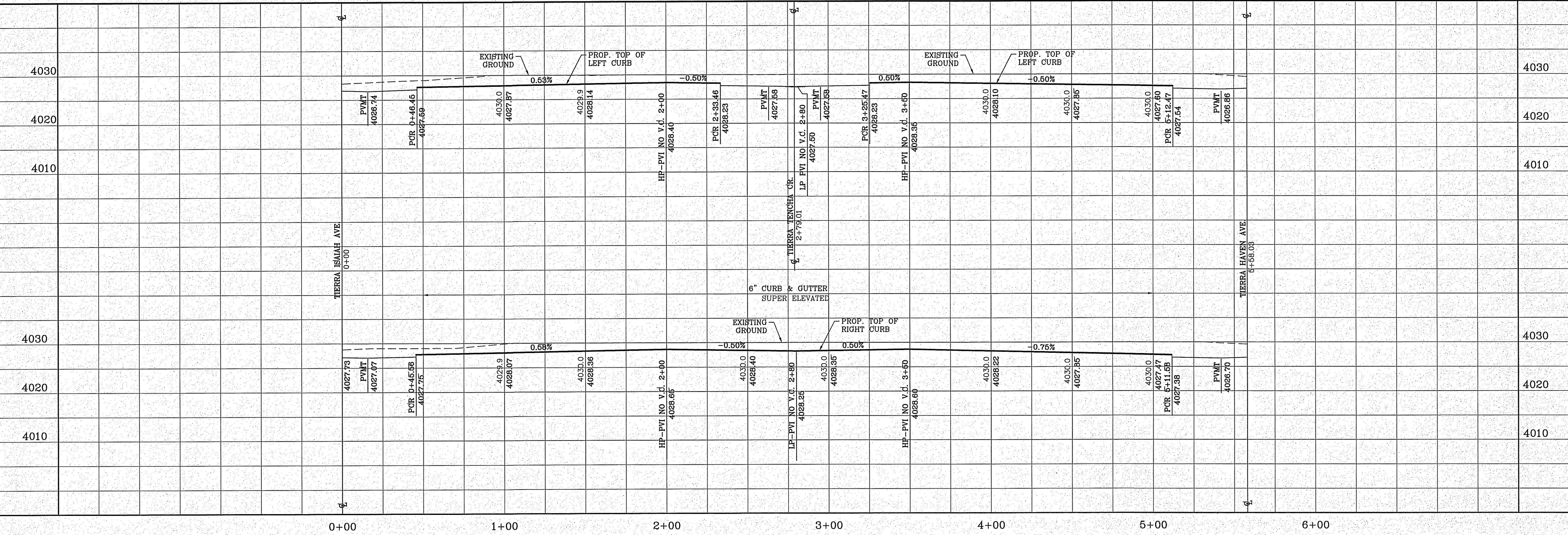
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

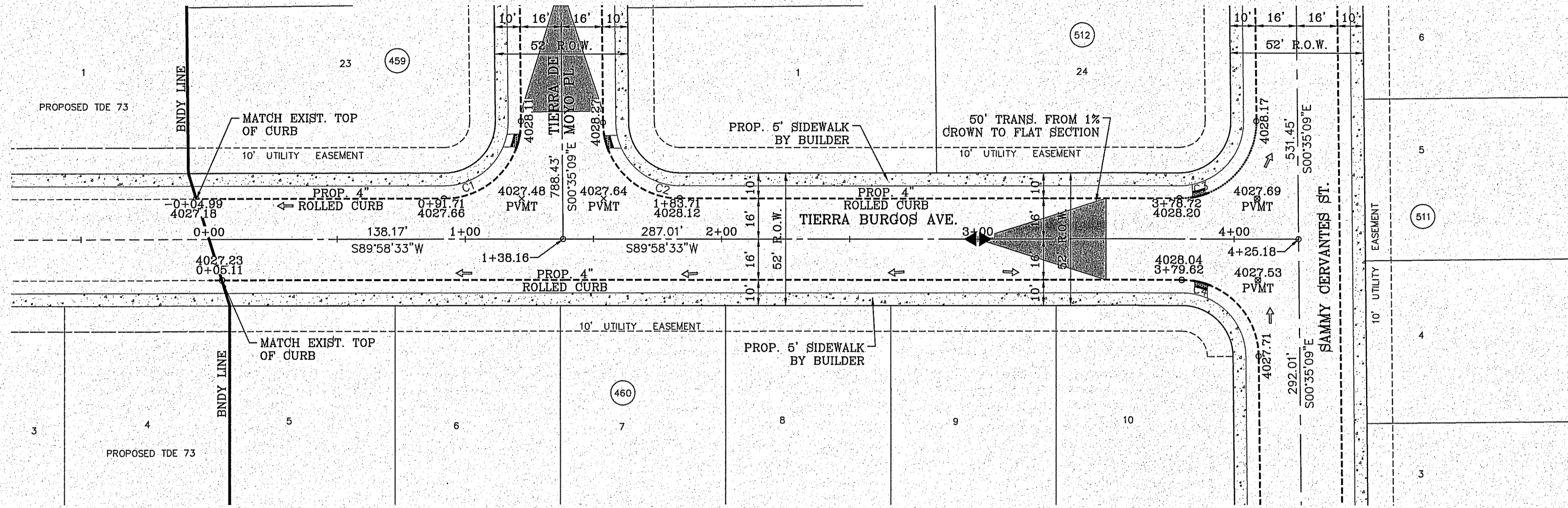
**SHEET TITLE**  
STREET  
PLAN-PROFILE  
**TIERRA BENJI PL.**  
**STA: 0+00 TO STA: 5+58.03**

FILE LOCATION S:\Subdivisions\TDE 81 F DWG\PP-BENJI PLOTTED ON Friday, November 2, 2018 2:06:22 PM BY FELIX RODRIGUEZ



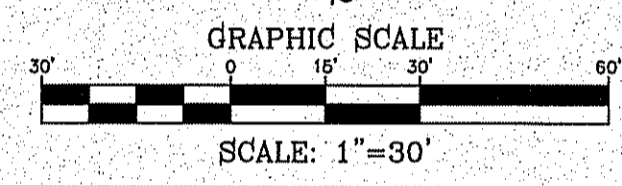
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CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'43"
C2	30.00'	46.83'	29.71'	42.22'	S45°18'18"E	89°26'17"
C3	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'43"
C4	30.00'	46.83'	29.71'	42.22'	N45°18'18"W	89°26'17"



**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



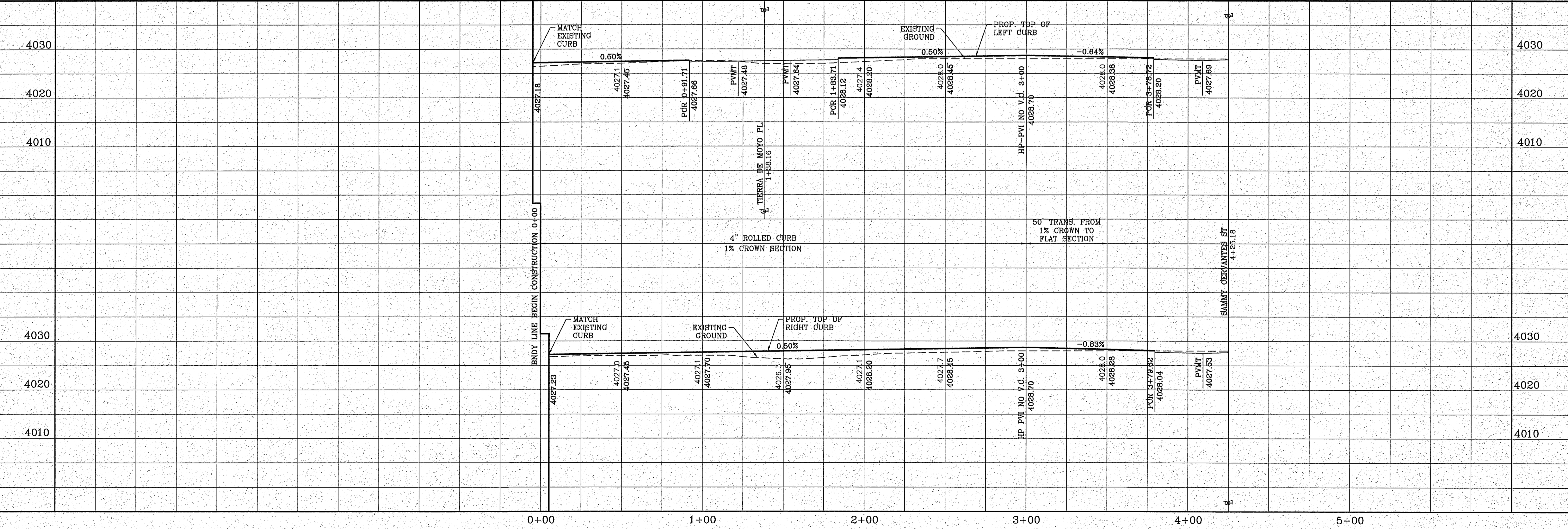
BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MICE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

DATE	REVISIONS	BY

**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

**BEING PORTION OF SECTION 48, BLOCK 70, TOWNSHIP 2 TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 1.60,327± ACRES**



**ENGINEER'S SEAL**

CONDE INC.  
VICTOR CONDE CURRY  
14648  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF TEXAS

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6060 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**SHEET TITLE**  
STREET  
PLAN-PROFILE

**TIERRA BURGOS AVE.**  
STA: 0+00  
TO  
STA: 4+25.18

CURVE TABLE						CURVE TABLE						CURVE TABLE						CURVE TABLE						CURVE TABLE						CURVE TABLE											
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA	CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA	CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA	CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA	CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA	CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	10.00'	9.27'	5.00'	8.94'	N63°27'33"W	53°07'48"	C9	10.00'	9.27'	5.00'	8.94'	N63°24'39"E	53°07'48"	C17	4.00'	6.24'	3.96'	5.63'	N45°18'18"W	89°26'17"	C25	64.00'	10.88'	5.45'	10.86'	S84°05'14"E	9°44'13"	C33	3.00'	5.53'	3.96'	4.78'	N47°32'14"E	105°41'32"	C41	91.50'	45.21'	23.08'	44.75'	N85°22'18"E	281°18'40"
C2	10.00'	9.27'	5.00'	8.94'	S63°27'33"E	53°07'48"	C10	10.02'	9.58'	5.19'	9.22'	S64°15'40"W	54°46'41"	C18	4.00'	6.32'	4.04'	5.68'	S44°11'42"W	90°33'43"	C26	10.00'	7.67'	4.03'	7.48'	N68°03'05"W	43°56'44"	C34	64.00'	14.62'	7.34'	14.59'	S11°40'06"W	13°05'16"							
C3	41.00'	64.80'	41.40'	58.27'	N44°41'42"E	90°33'43"	C11	41.00'	43.51'	24.06'	41.50'	N59°37'21"W	60°48'13"	C19	268.00'	27.36'	13.69'	27.35'	N87°03'03"E	5°51'01"	C27	40.00'	93.90'	95.41'	73.78'	N66°40'04"E	134°30'26"	C35	60.00'	188.50'	INFINITY	120.00'	N0°35'09"W	180°00'00"							
C4	41.00'	64.00'	40.60'	57.70'	S45°18'18"E	89°26'17"	C12	41.00'	43.51'	24.06'	41.50'	S59°34'27"W	60°48'13"	C20	500.00'	94.19'	47.23'	94.05'	N84°37'40"W	10°47'34"	C28	20.00'	12.87'	6.67'	12.65'	S19°01'20"E	36°52'21"	C36	20.00'	11.71'	6.03'	11.55'	N16°11'34"E	33°33'26"							
C5	10.00'	15.61'	9.90'	14.07'	N45°18'18"W	89°26'17"	C13	10.00'	9.27'	5.00'	8.94'	N63°24'39"E	53°07'48"	C21	500.00'	51.05'	25.55'	51.03'	S87°03'03"W	5°51'01"	C29	20.00'	13.08'	6.78'	12.84'	N18°43'45"W	37°27'30"	C37	40.00'	85.87'	73.66'	70.30'	S28°31'35"E	122°59'44"							
C6	10.00'	15.81'	10.10'	14.21'	S44°41'42"E	90°33'43"	C14	10.00'	9.27'	5.00'	8.94'	S63°24'39"E	53°07'48"	C22	1.00'	1.99'	1.53'	1.68'	N33°05'30"E	113°46'06"	C30	60.00'	188.50'	INFINITY	120.00'	S0°35'09"E	180°00'00"	C38	40.00'	63.70'	40.88'	57.18'	N44°24'00"W	91°14'54"							
C7	10.00'	15.81'	10.10'	14.21'	N44°41'42"E	90°36'23"	C15	4.00'	6.32'	4.04'	5.68'	N44°41'42"E	90°33'43"	C23	91.17'	62.19'	32.36'	61.00'	S41°19'23"E	39°05'09"	C31	1.00'	1.97'	1.50'	1.66'	S51°44'34"E	112°37'55"	C39	64.00'	6.50'	3.25'	6.50'	N2°05'43"W	5°49'16"							
C8	10.00'	15.61'	9.90'	14.07'	S45°18'18"E	89°26'17"	C16	4.00'	6.24'	3.96'	5.63'	S45°18'18"E	89°26'17"	C24	3.00'	5.45'	3.85'	4.73'	N36°54'16"W	104°06'08"	C32	93.00'	46.17'	23.57'	45.69'	S86°09'44"W	28°26'31"	C40	3.00'	5.47'	3.88'	4.75'	S47°15'38"W	104°31'58"							

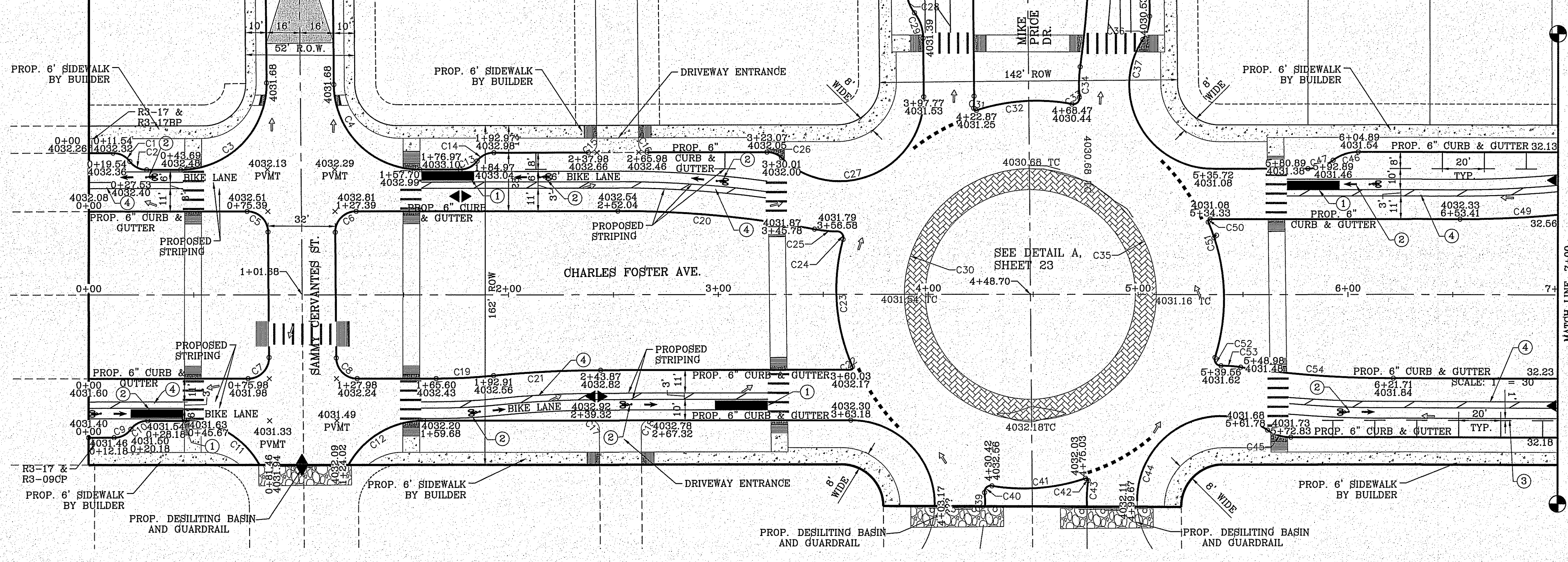
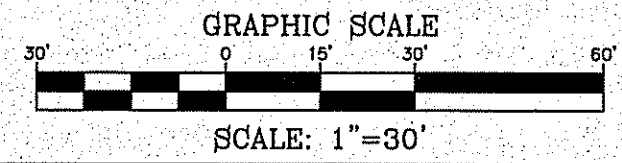
**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION

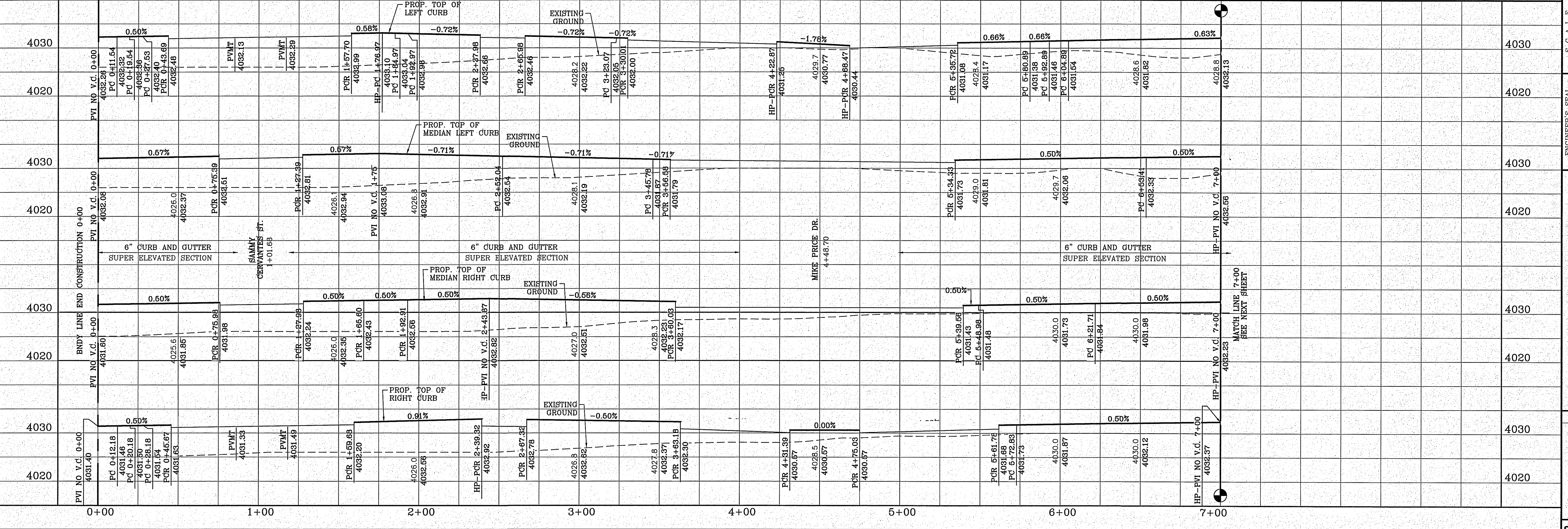
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C49	500.00'	51.05'	25.55'	51.03'	N87°03'03"E	5°51'01"
C50	1.00'	1.91'	1.41'	1.63'	S31°24'05"W	109°25'48"
C51	93.00'	66.17'	34.56'	64.79'	N2°55'46"W	40°46'08"
C52	3.00'	5.63'	4.10'	4.84'	S36°19'50"E	107°34'16"
C53	64.00'	9.45'	4.73'	9.44'	N85°53'15"W	8°27'24"
C54	500.35'	73.00'	36.56'	72.93'	S85°50'25"E	8°21'33"

**STRIPING KEYED NOTES**

- 25' LONG COLORED GREEN RESIN TO DISCOURAGE MOTORISTS FROM CROSSING BIKE PATH.
- MUTCD FIG. 9C-3 SHALL BE USED TO DEFINE THE BIKE LANE. SEE SHEET 110
- STRIPING FOR THE BIKE LANE TO HAVE A 1 FOOT BUFFER TO REDUCE DOOR ZONE CONFLICTS.
- THE BUFFER SHALL BE MARKED WITH 2 SOLID WHITE LINES WITH DIAGONAL HATCHING.
- FOR COMPLETE PATH OF TRAVEL REFER TO LANDSCAPE PLANS.



FILE LOCATION S:\Subdivision\TDE 81 B\DWG\PP-CHARLES FOSTER PLOTTED ON Friday, November 2, 2018 2:09:21 PM BY FELIX RODRIGUEZ



**TIERRA DEL ESTE UNIT 81 "B"**

BENCHMARK: CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4032.96 ± NAVD 88

REVISIONS: BY: DATE

PROJECT NAME: TIERRA DEL ESTE UNIT 81 "B"

ENGINEER'S SEAL: CONDE INC. ENGINEERING / PLANNING SURVEYING / GFS 6080 SURETY DR. STE 100 EL PASO, TEXAS 79905 PHONE: (915) 592-0283 FAX: (915) 592-0286

DESIGN BY: Y.C. INITIATED BY: Y.C. CHECKED BY: Y.C. JOB NO.: 718-58

DATE: SEP. 2018

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

SHEET TITLE: STREET PLAN-PROFILE CHARLES FOSTER STA.0+00 TO STA.7+00

SHT 21 OF 100

FILE LOCATION S:\Subdivisions\TDE 81 B.DWG\PP-CHARLES FOSTER PLOTTED ON Friday, November 2, 2018 2:09:36 PM BY FELIX RODRIGUEZ

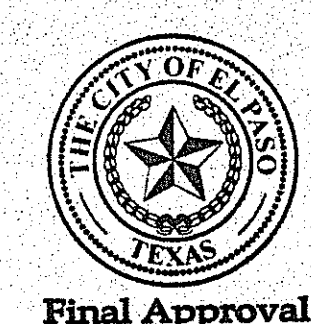
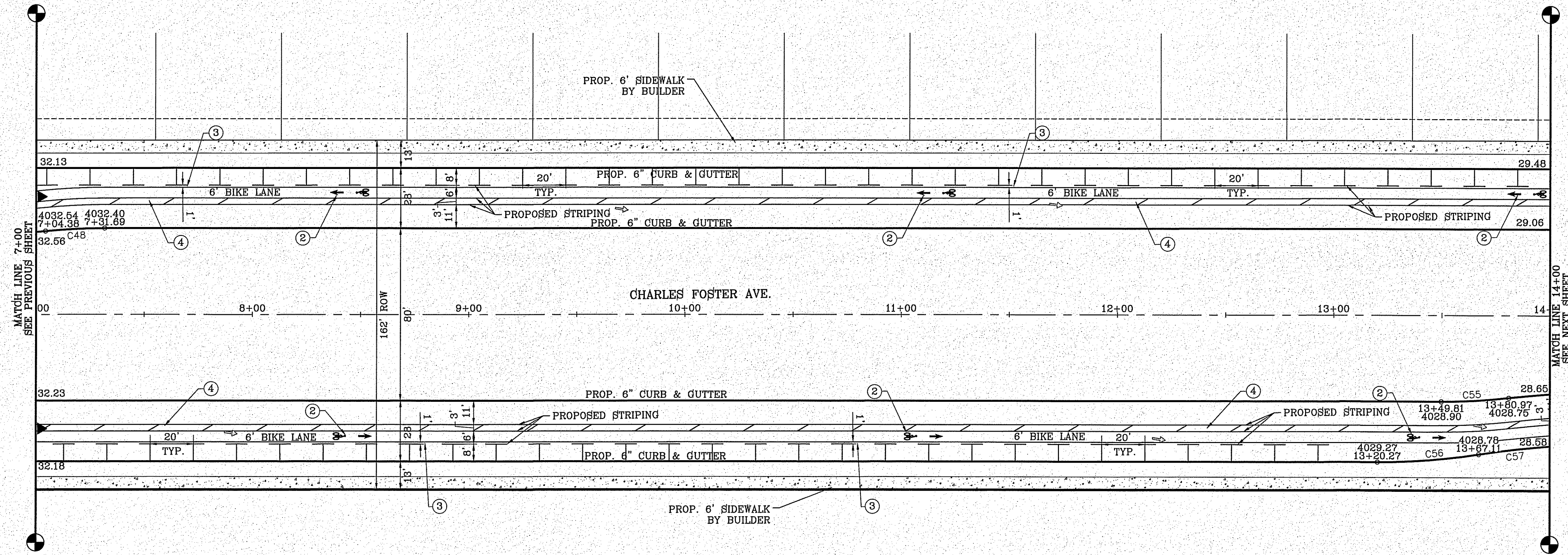
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C48	268.00'	27.36'	13.69'	27.35'	S87°03'03"W	5°51'01"
C49	500.00'	51.05'	25.55'	51.03'	N87°03'03"E	5°51'01"
C50	1.00'	1.91'	1.41'	1.83'	S31°24'05"W	109°25'48"
C51	93.00'	66.17'	34.56'	64.79'	N2°55'46"W	40°46'08"
C52	3.00'	5.63'	4.10'	4.84'	S36°19'50"E	107°34'16"
C53	64.00'	9.45'	4.73'	9.44'	N85°53'15"W	8°27'24"
C54	500.35'	73.00'	36.56'	72.93'	S85°50'25"E	8°21'33"

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C55	272.00'	31.24'	15.64'	31.22'	N86°41'09"E	6°34'48"
C56	300.00'	47.03'	23.56'	46.98'	N85°29'05"E	8°58'57"
C57	400.00'	119.30'	60.10'	118.86'	S89°32'16"W	17°05'19"

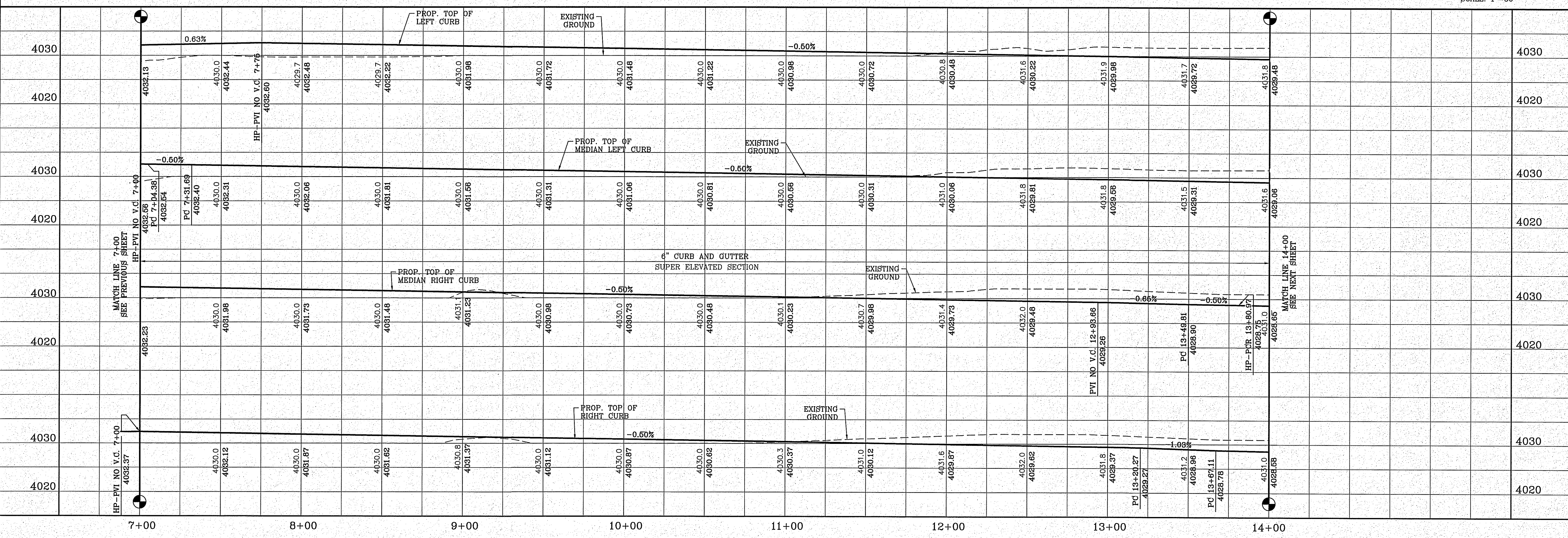
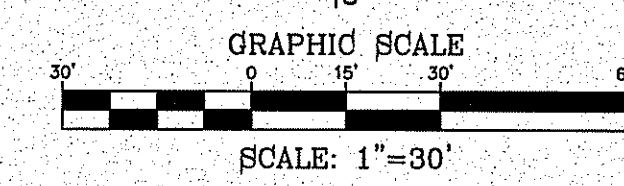
**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION

- STRIPING KEYED NOTES**
- 25' LONG COLORED GREEN RESIN TO DISCOURAGE MOTORISTS FROM CROSSING BIKE PATH.
  - MUTCD FIG. 9C-3 SHALL BE USED TO DEFINE THE BIKE LANE. SEE SHEET 110
  - STRIPING FOR THE BIKE LANE TO HAVE A 1 FOOT BUFFER TO REDUCE DOOR ZONE CONFLICTS.
  - THE BUFFER SHALL BE MARKED WITH 2 SOLID WHITE LINES WITH DIAGONAL HATCHING.
  - FOR COMPLETE PATH OF TRAVEL REFER TO LANDSCAPE PLANS.



Final Approval



**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

**BENCHMARK**  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

**REVISIONS**

DATE	BY	REVISIONS

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

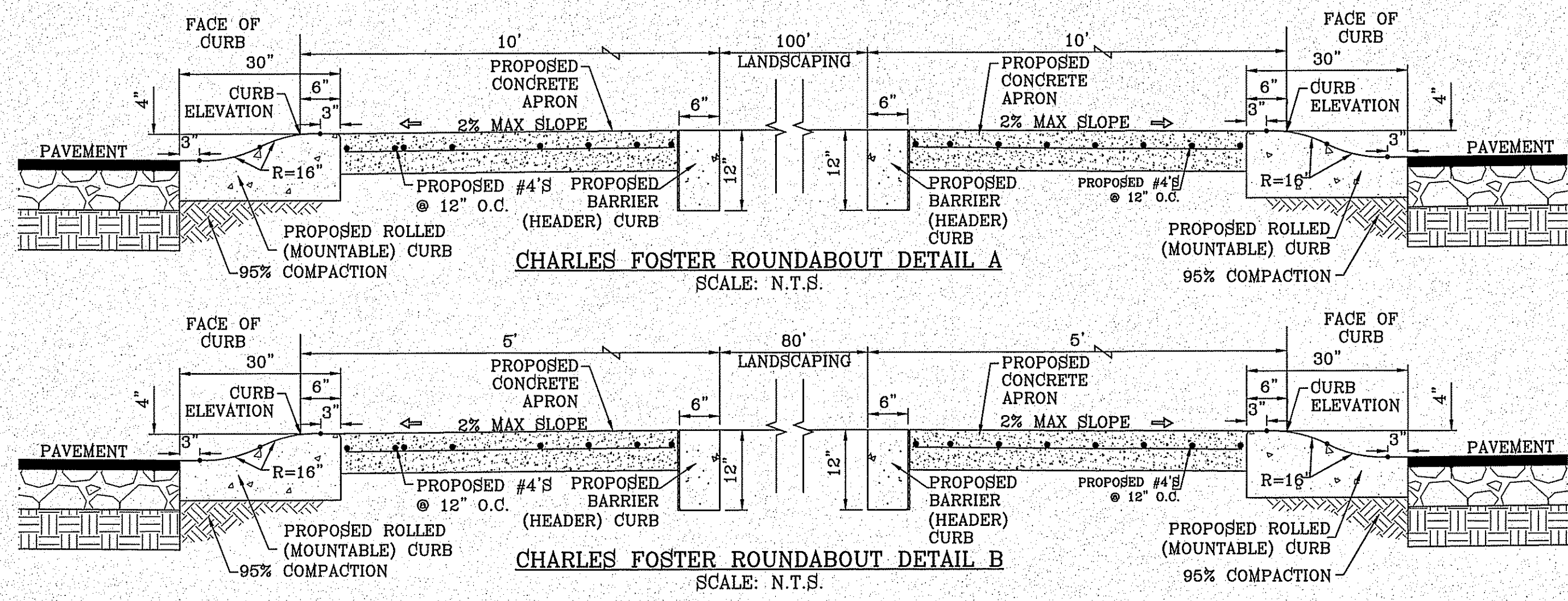
**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. SUITE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**SHEET TITLE**  
STREET PLAN-PROFILE  
**CHARLES FOSTER**  
STA:7+00 TO STA:14+00

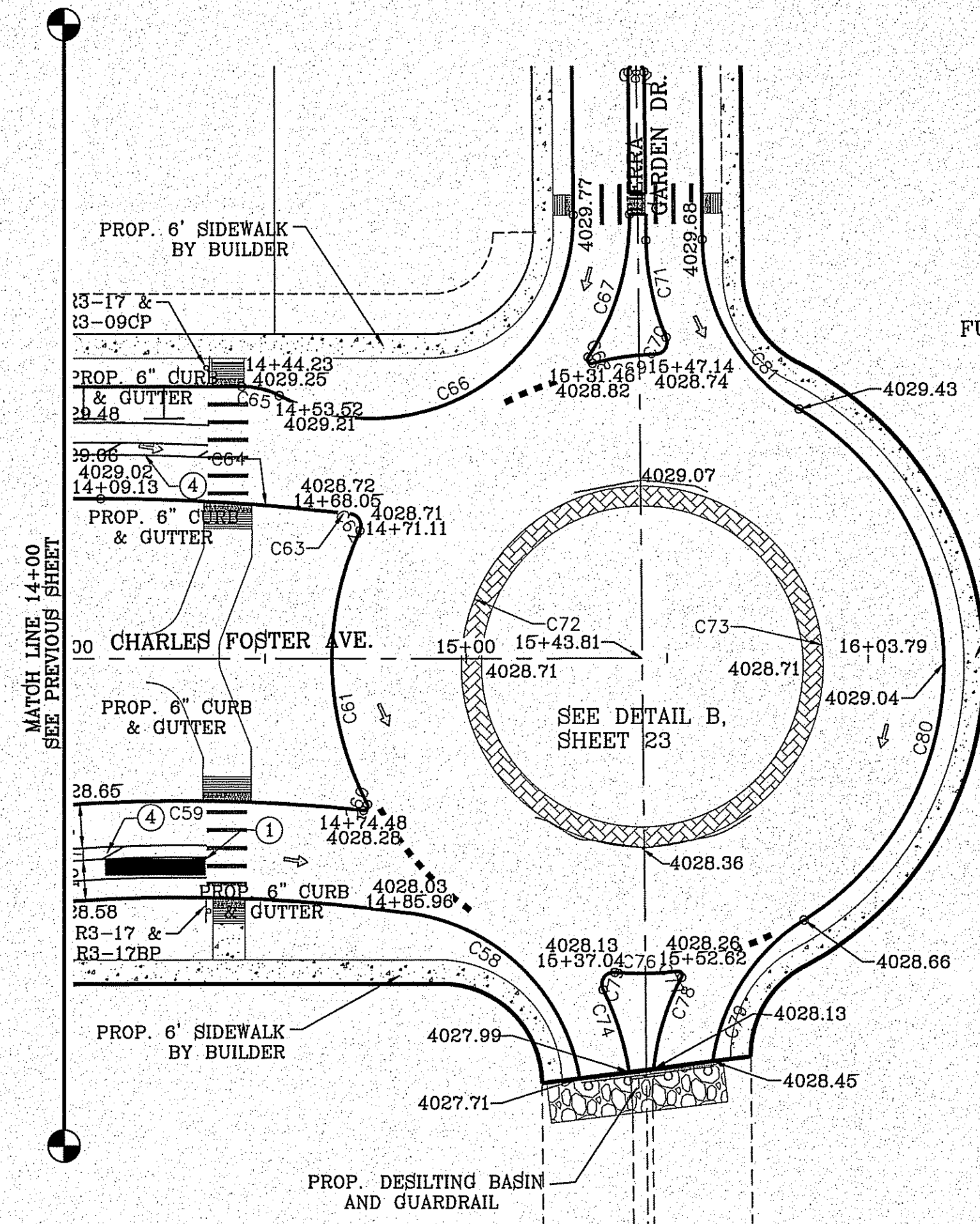
**SHT 22 OF 100**

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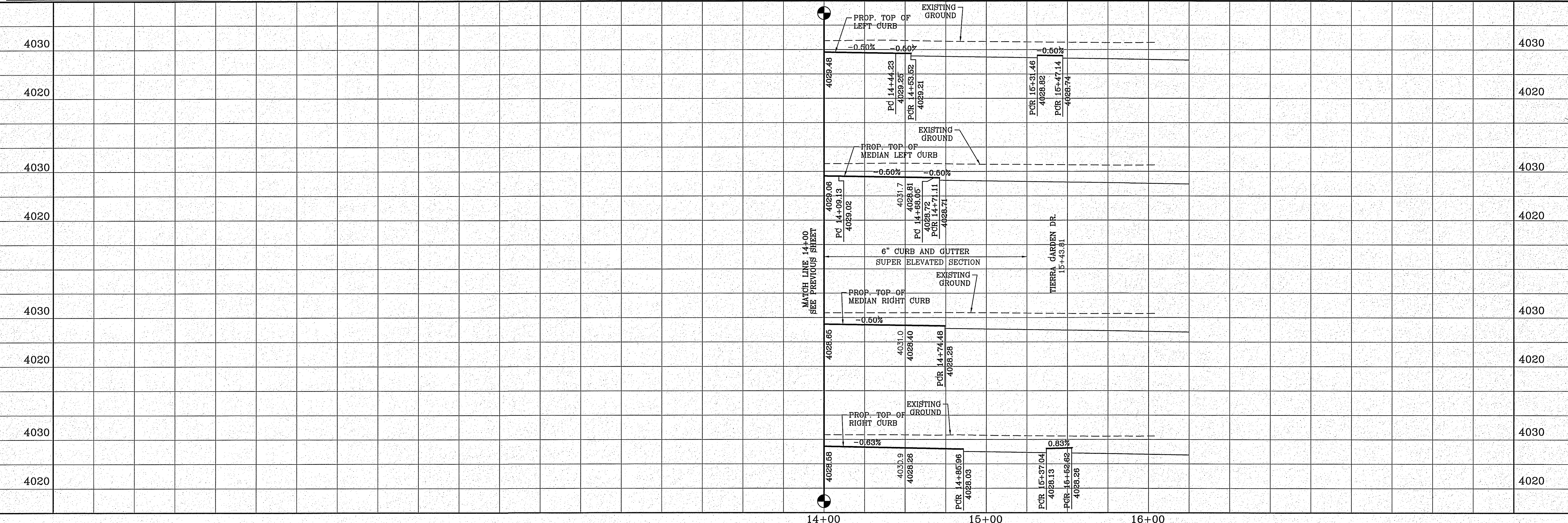
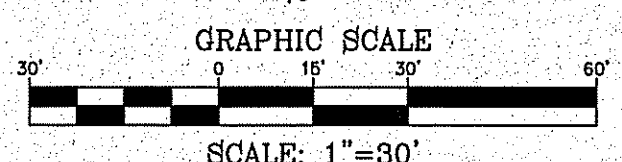


CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C58	50.00'	63.09'	36.52'	58.99'	N45°46'18"W	72°17'34"
C59	424.00'	93.70'	47.04'	93.51'	S89°43'37"W	12°39'43"
C60	1.00'	2.16'	1.87'	1.76'	N34°14'41"E	123°37'35"
C61	78.00'	70.46'	37.84'	68.09'	S14°18'E	51°45'38"
C62	3.01'	6.06'	4.74'	5.09'	N27°58'42"W	115°05'42"
C63	74.00'	3.08'	1.54'	3.08'	S84°28'59"E	2°22'53"
C64	505.20'	59.06'	29.56'	59.03'	N86°38'24"W	6°41'54"
C65	20.00'	9.66'	4.92'	9.56'	N76°11'38"W	27°39'38"
C66	50.00'	103.17'	63.58'	85.82'	N58°31'31"E	118°13'20"
C67	64.00'	37.52'	19.32'	36.99'	N16°12'39"E	33°35'37"
C68	1.00'	2.39'	2.54'	1.86'	S35°29'02"E	136°58'59"
C69	78.00'	15.86'	7.96'	15.84'	S81°51'04"W	11°39'12"
C70	3.00'	5.78'	4.32'	4.93'	N32°25'36"E	110°30'09"
C71	64.00'	24.84'	12.58'	24.69'	S11°42'19"E	22°14'19"
C72	45.00'	141.37'	INFINITY	90.00'	S0°35'09"E	180°00'00"
C73	45.00'	141.37'	INFINITY	90.00'	N0°35'09"W	180°00'00"
C74	72.50'	21.59'	10.86'	21.51'	N17°31'11"W	17°03'46"
C75	3.00'	6.34'	5.32'	5.23'	S34°30'34"W	121°07'16"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C76	76.50'	15.62'	7.84'	15.59'	N89°13'18"E	11°41'47"
C77	0.96'	2.27'	2.36'	1.77'	N34°20'07"W	135°53'00"
C78	62.50'	23.98'	12.14'	23.83'	S16°57'55"W	21°58'53"
C79	50.00'	43.10'	22.99'	41.78'	S32°50'57"W	49°23'19"
C80	75.00'	152.18'	120.63'	127.39'	N0°35'09"W	116°15'33"
C81	50.00'	50.73'	27.79'	48.58'	S29°39'03"E	58°07'46"
C82	2.00'	6.28'	INFINITY	4.00'	S89°24'51"W	180°00'00"



- LEGEND**
- DIRECTIONAL RAMP
  - WEDGE RAMP
  - RAMP AT PARK
  - LOW POINT
  - HIGH POINT
  - FLOW DIRECTION
  - AS-BUILT ELEVATION
- STRIPING KEYED NOTES**
- 25' LONG COLORED GREEN RESIN TO DISCOURAGE MOTORISTS FROM CROSSING BIKE PATH.
  - MUTCD FIG. 9C-3 SHALL BE USED TO DEFINE THE BIKE LANE. SEE SHEET 110
  - STRIPING FOR THE BIKE LANE TO HAVE A 1 FOOT BUFFER TO REDUCE DOOR ZONE CONFLICTS.
  - THE BUFFER SHALL BE MARKED WITH 2 SOLID WHITE LINES WITH DIAGONAL HATCHING.
  - FOR COMPLETE PATH OF TRAVEL REFER TO LANDSCAPE PLANS.



**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, TEXAS, CONTAINING .160327 ACRES

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**ENGINEER'S SEAL**  
YOUNG CONDE CURRY  
REGISTERED PROFESSIONAL ENGINEER  
NO. 15463  
EXPIRES 12/31/2018

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

**DATE:** SEP. 2018  
**DESIGN BY:** Y.C.  
**INITIATED BY:** F.R.  
**CHECKED BY:** Y.C.  
**JOB NO.:** 718-58

**REVISIONS**

NO.	DATE	DESCRIPTION	BY

**BENCHMARK**  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PEREZ DRIVE  
ELEVATION = 4023.96 .....NAVD 88

**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

**STREET TITLE**  
STREET PLAN - PROFILE  
**CHARLES FOSTER AVE.**  
**STA: 7+00 TO STA: 14+00**

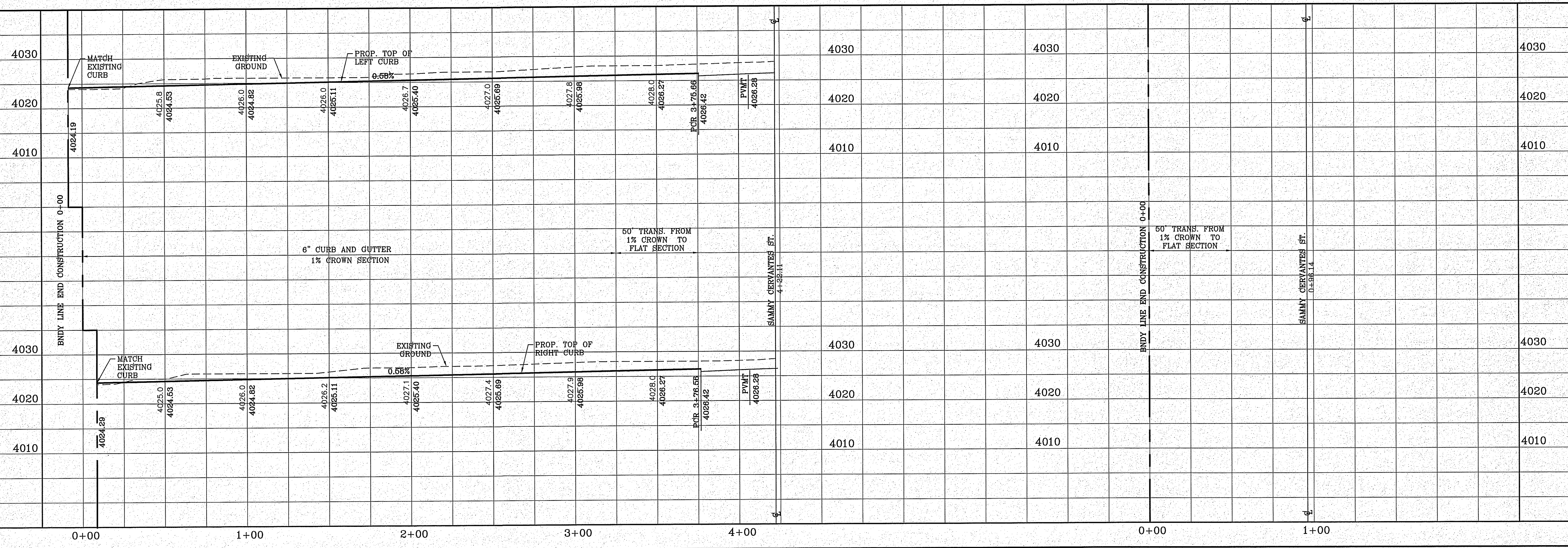
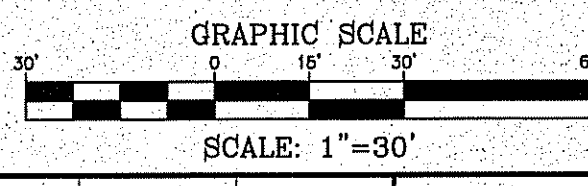
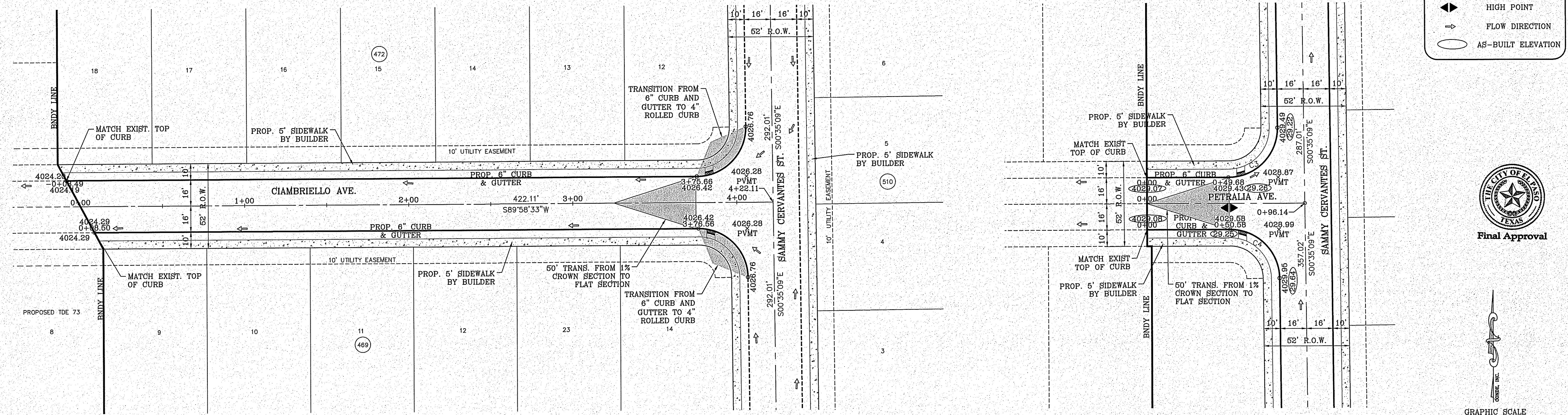
**SHT 23 OF 100**

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'43"
C2	30.00'	46.83'	29.71'	42.22'	N45°18'18"W	89°26'17"
C3	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'43"
C4	30.00'	46.83'	29.71'	42.22'	N45°18'18"W	89°26'17"

○ DENOTES AS BUILT CONDITION ONLY

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



FILE LOCATION S:\Subdivisions\TDE 81 E\DWG\PT-CIAMBRIELLO PLOTTED ON Friday, November 2, 2018 2:10:10 PM BY FELIX RODRIGUEZ

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4026.96 .....NAVD 86

DATE	REVISIONS	BY
05/04/18	AS BUILT	F.R.

PROJECT NAME

**TERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 46, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.3271 ACRES

ENGINEER'S SEAL

CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

SCALE

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-56

SHEET TITLE

STREET PLAN - PROFILE

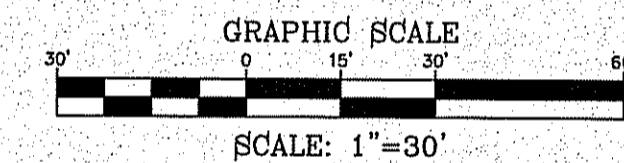
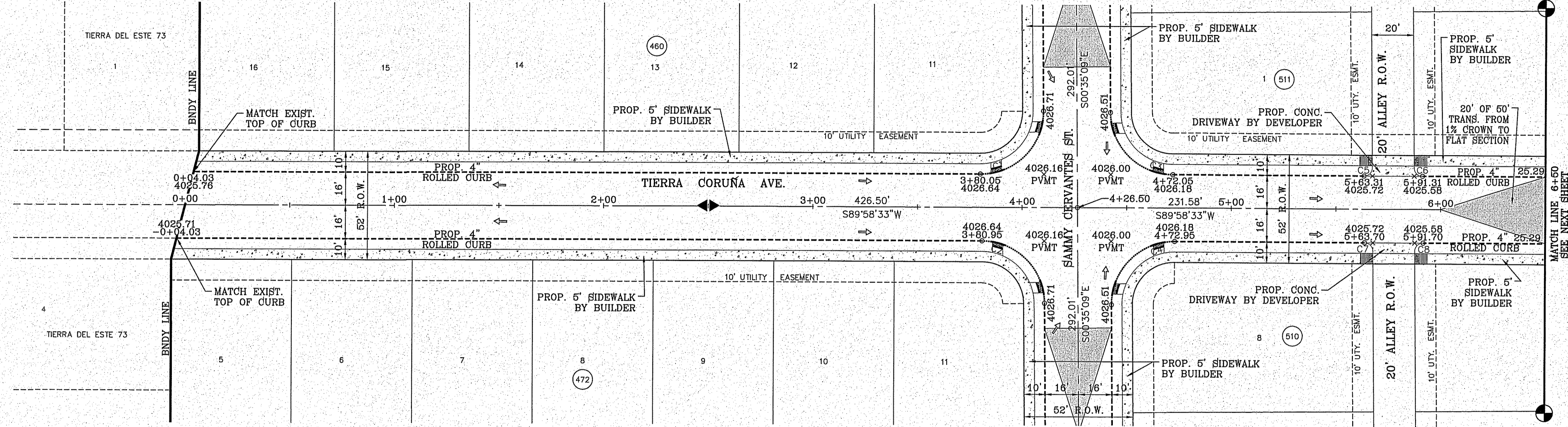
**CIAMBRIELLO AVE. & PETRALIA AVE.**



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'43"
C2	30.00'	46.83'	29.71'	42.22'	N45°18'18"W	89°26'17"
C3	30.00'	46.83'	29.71'	42.22'	S45°18'18"E	89°26'17"
C4	30.00'	47.42'	30.30'	42.63'	S44°41'42"W	90°33'43"
C5	4.00'	6.32'	4.04'	5.68'	N44°41'42"E	90°33'43"
C6	4.00'	6.24'	3.96'	5.63'	S45°18'18"E	89°26'17"
C7	4.00'	6.24'	3.96'	5.63'	N45°18'18"W	89°26'17"
C8	4.00'	6.32'	4.04'	5.68'	S44°41'42"W	90°33'43"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE DEBB DRIVE ELEVATION = 4023.96 .....NAMD 88

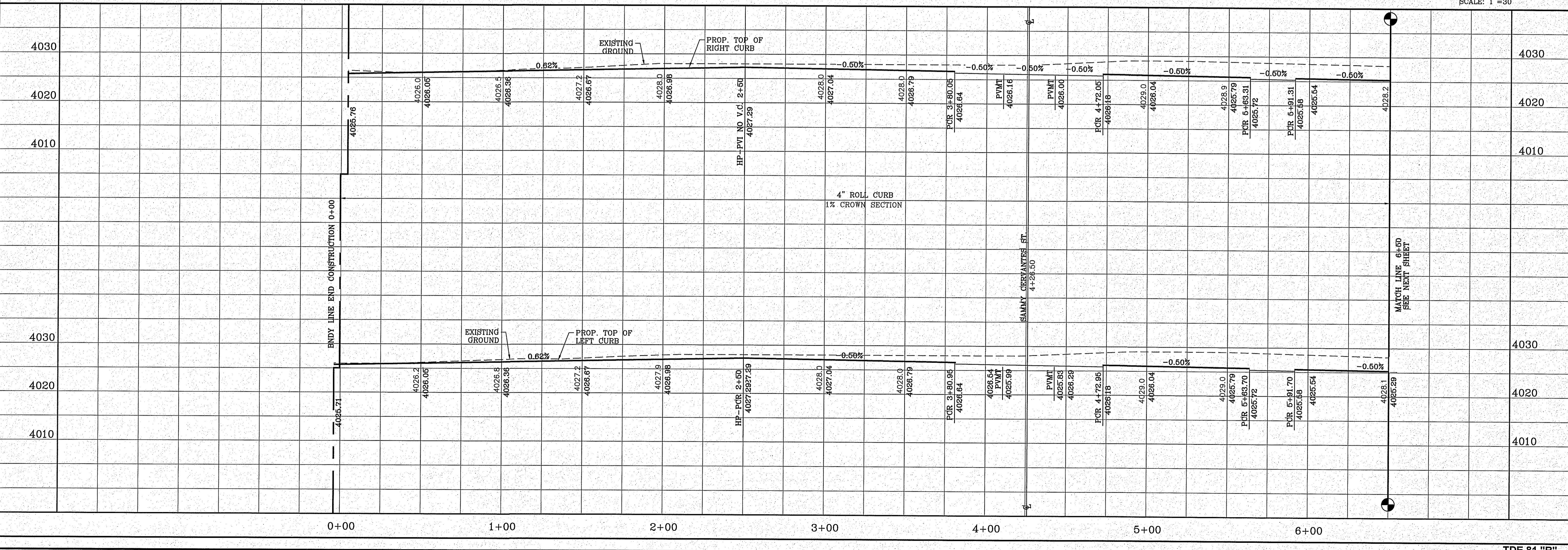
DATE	REVISIONS	BY

**PROJECT NAME**

**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 46, BLOCK 79, SURVEYS TOWNSHIP 2, TEXAS AND PART OF RAYMOND C. GARDNER'S CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: .60,327± ACRES

FILE LOCATION: s:\\_Subdivisions\TDE 81 B\DWG\PP-CORUNA PLOTTED ON Friday, November 2, 2018 2:10:36 PM BY FELIX RODRIGUEZ



**SCALE**

HORIZ: 1" = 30'

VERT: 1" = 10'

DATE: SEP. 2018

DESIGN BY: Y.C.

INITIATED BY: Y.C.

CHECKED BY: Y.C.

JOB NO.: 719-56

**ENGINEER'S SEAL**

**CONDE INC.**

ENGINEERING / PLANNING  
SURVEYING / GPS

6080 SURETY DR. SITE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0266



**SHEET TITLE**

STREET  
PLAN-PROFILE  
**TIERRA  
CORUÑA  
AVE.**  
STA: 0+00  
TO  
STA: 6+50

**SHT 25 OF 100**

TDE 81 "B"



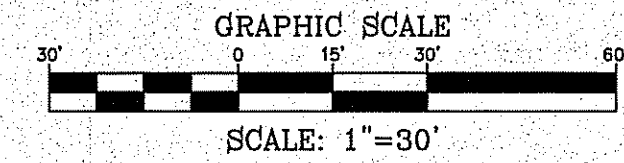
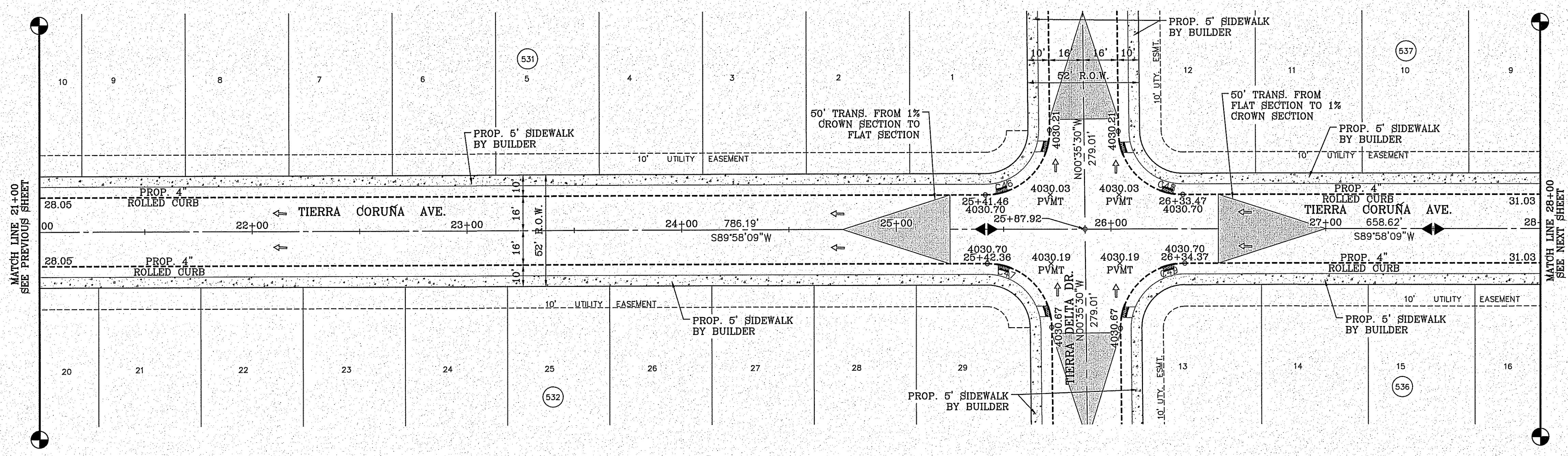


FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\_PP-CORUNA PLOTTED ON Friday, November 2, 2018 2:11:05 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C46	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C47	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"
C48	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'22"
C49	30.00'	47.42'	30.30'	42.63'	S44°41'20"W	90°33'38"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



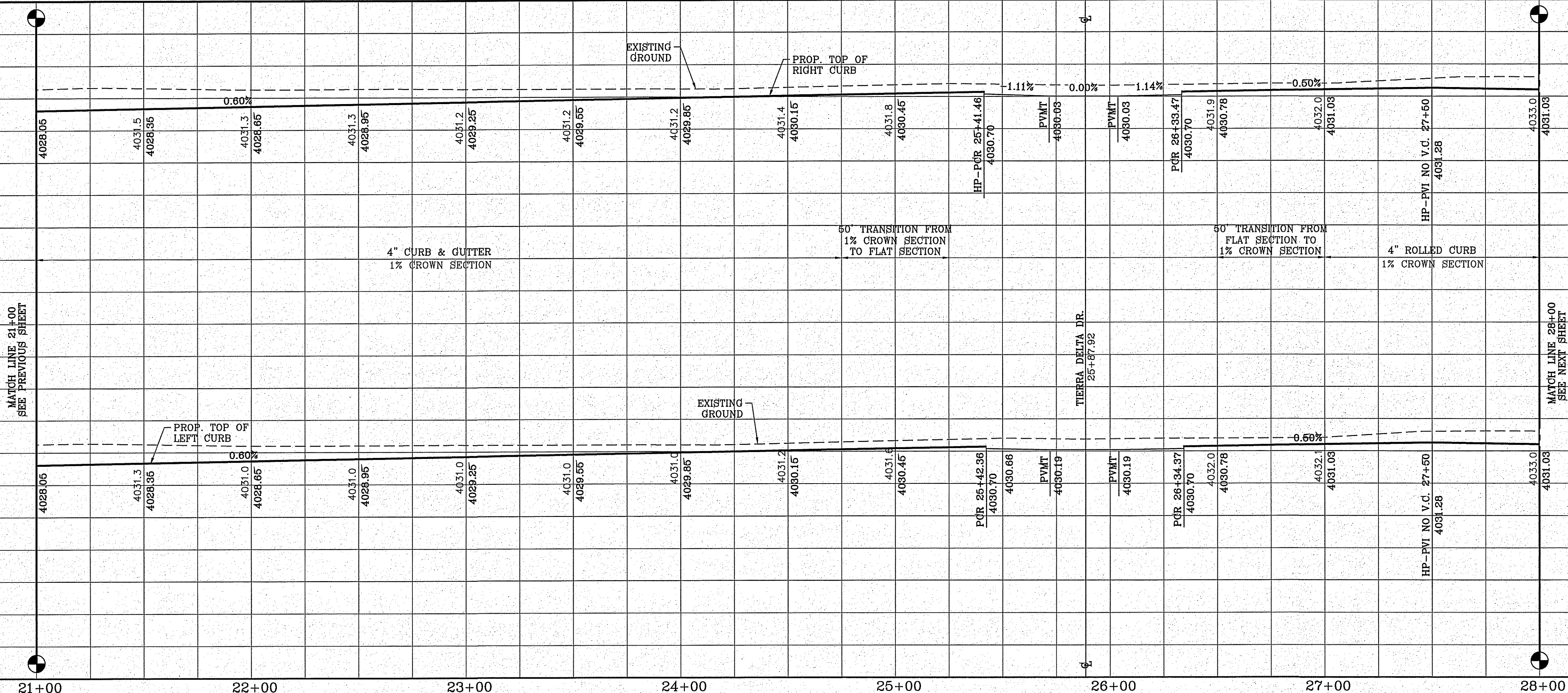
BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

DATE	REVISIONS	BY

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**

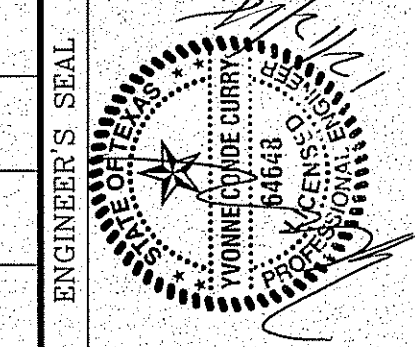
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.927± ACRES



SCALE

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

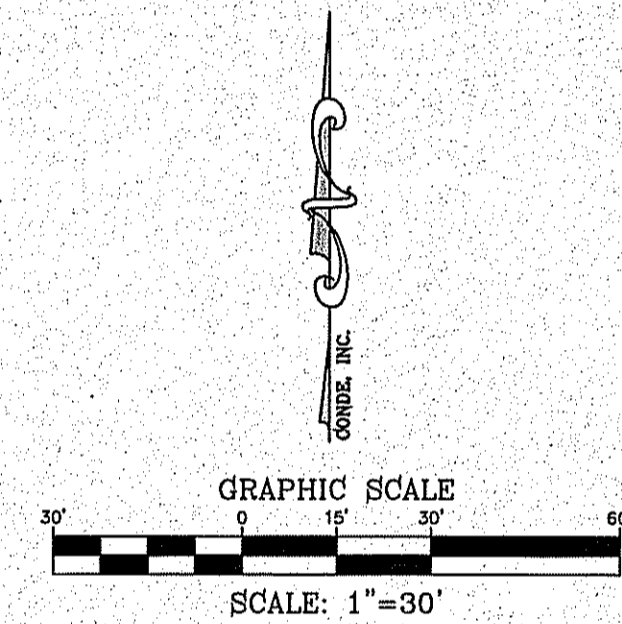
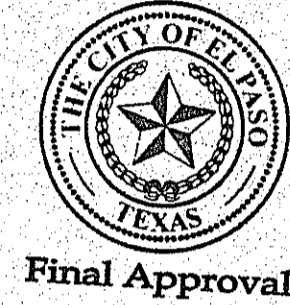
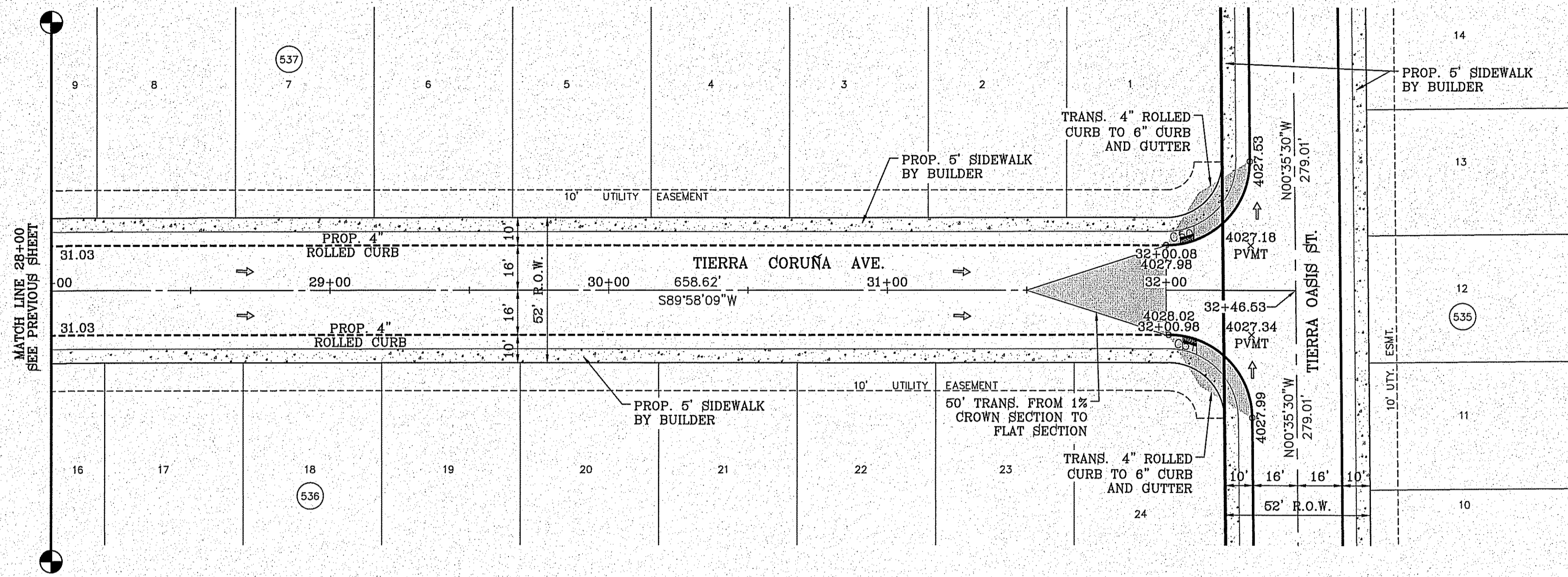


SHEET TITLE  
STREET  
PLAN-PROFILE  
**TIERRA CORUÑA AVE.**  
STA: 21+00  
TO  
STA: 28+00

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C50	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C51	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



BENCHMARK

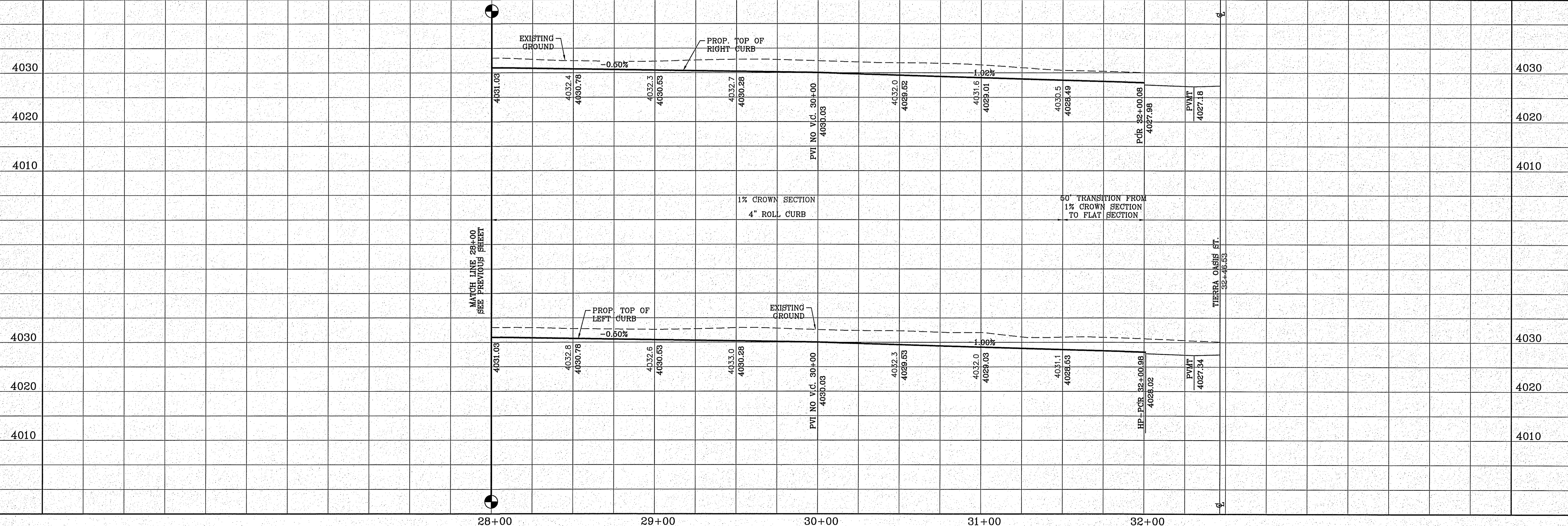
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PEICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

DATE	REVISIONS	BY

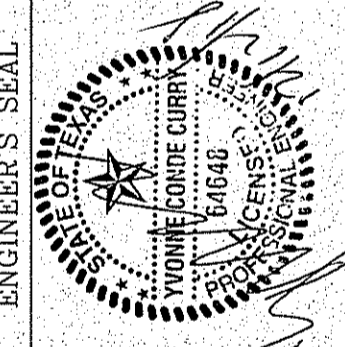
**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 78, TOWNSHIP 10S, RANGE 10E, COUNTY OF EL PASO, TEXAS  
CONTAINING: 160.327± ACRES

FILE LOCATION S:\\_Subdivisions\TDE 81\_B\DWG\PP-CORUNA PLOTTED ON Friday, November 2, 2018 2:11:14 PM BY FELIX RODRIGUEZ



**SCALE**  
HORIZ: 1" = 30'  
VERT: 1" = 10'  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-59



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6006 SURVEY DR STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0263  
FAX: (915) 592-0266

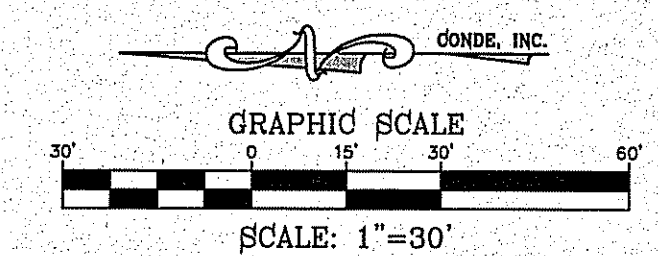
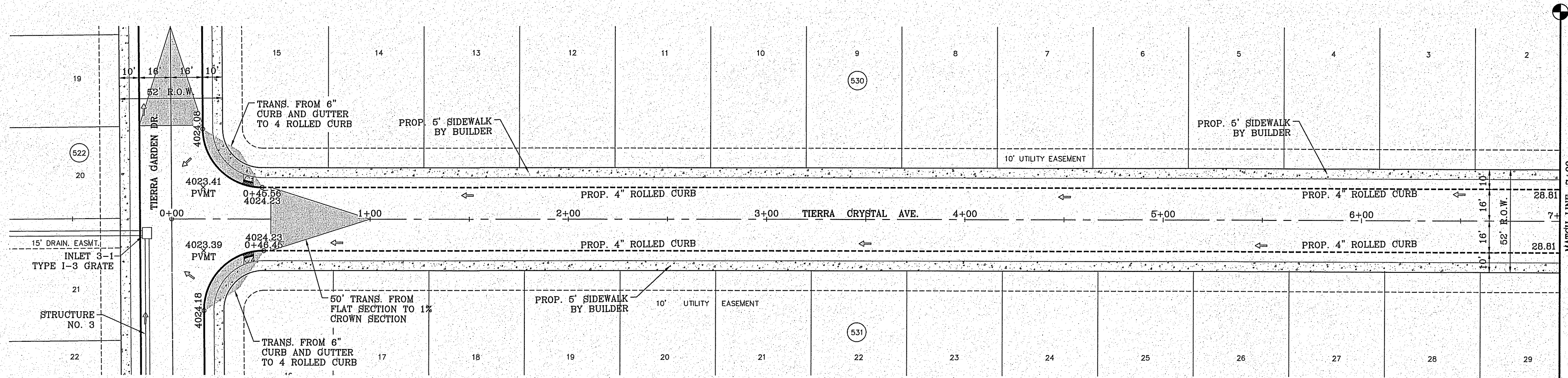


**SHEET TITLE**  
**STREET**  
**PLAN-PROFILE**  
**TIERRA**  
**CORUNA**  
**AVE.**  
STA: 28+00  
TO  
STA: 32+46.53

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'26"
C2	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLINGS AVE AND MIKALONG DRIVE  
ELEVATION = 4023.96

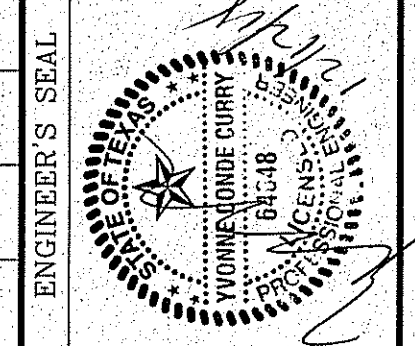
DATE	REVISIONS	BY

**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PARKWAY CO., SURVEYS, CITY OF EL PASO, TEXAS, CONTAINING 160.327± ACRES

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-68



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETTE DR, STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

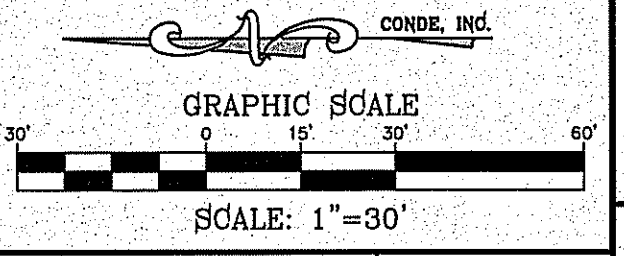
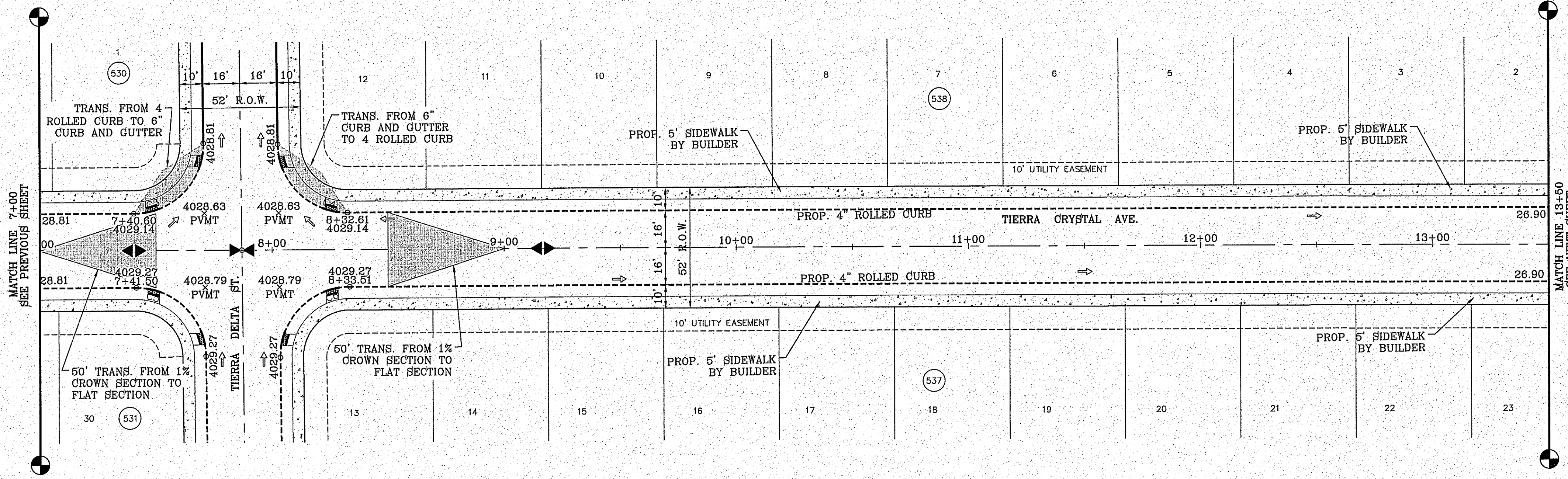


**SHEET TITLE**  
STREET  
PLAN-PROFILE  
TIERRA  
CRYSTAL  
STA: 0+00 TO  
STA: 7+00

FILE LOCATION S:\Subdivisions\TDE 81\_B\DWG\PP-CRYSTAL PLOTTED ON Friday, November 2, 2018 2:11:22 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C3	30.00'	47.42'	30.29'	42.63'	N44°41'20"E	90°33'30"
C4	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'13"
C5	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"
C6	30.00'	47.42'	30.30'	42.63'	S44°41'20"W	90°33'38"

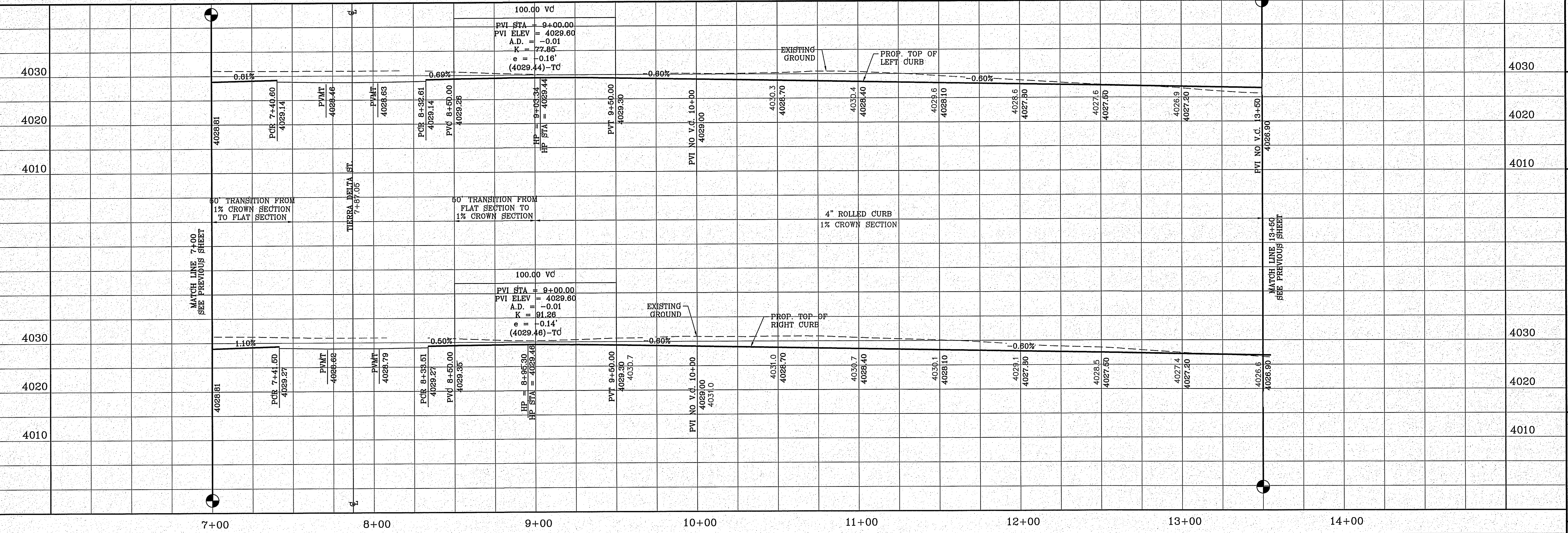
LEGEND	
	DIRECTIONAL RAMP
	WEDGE RAMP
	RAMP AT PARK
	LOW POINT
	HIGH POINT
	FLOW DIRECTION
	AS-BUILT ELEVATION



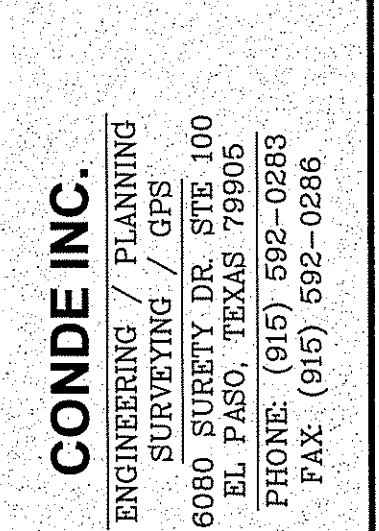
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE	ELEVATION = 4023.96	.....NAVD 88
DATE		REVISIONS	BY

**TIERRA DEL ESTE UNIT 81 "B"**  
 BEING PORTION OF SECTION 48, BLOCK 79, PART OF THE PACIFIC RAILROAD SURVEYS, TOWNSHIP 6N, RANGE 10E, COUNTY OF EL PASO, TEXAS. CITY OF EL PASO, TEXAS. CONTAINING: 160.327± ACRES

FILE LOCATION S:\Subdivisions\TDE 81 B DWG\PP-CRYSTAL PLOTTED ON Friday, November 2, 2018 2:11:30 PM BY FELIX RODRIGUEZ



SCALE	HORIZ: 1" = 30'
	VERT: 1" = 10'
DATE	SEP. 2018
DESIGN BY	Y.C.
INITIATED BY	F.R.
CHECKED BY	Y.C.
JOB NO.	718-58

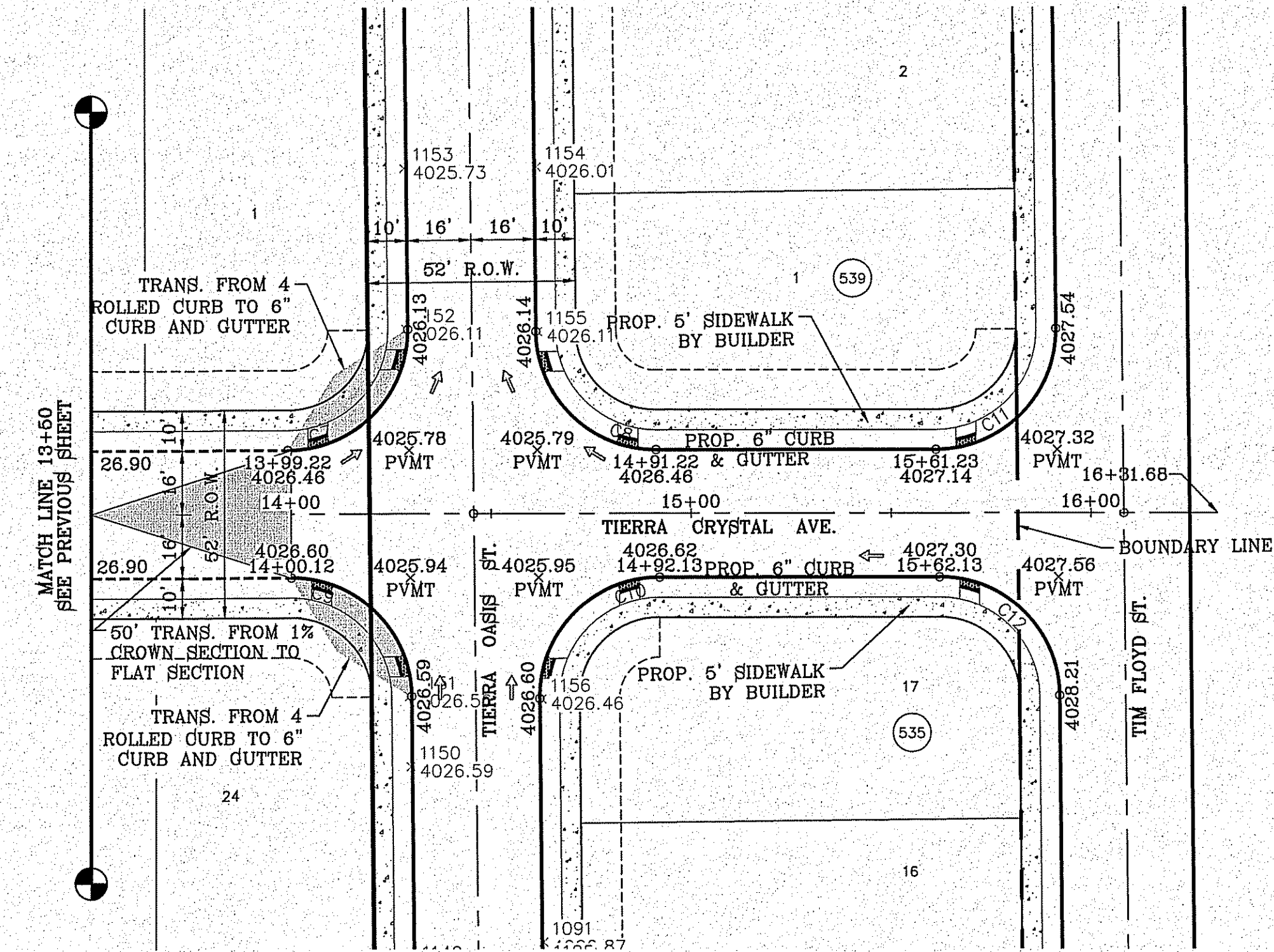


**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 6080 SURETY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0283  
 FAX: (915) 592-0286

SHEET TITLE  
 STREET  
 PLAN - PROFILE  
**TIERRA  
 CRYSTAL  
 STA: 7+00 TO  
 STA: 13+50**

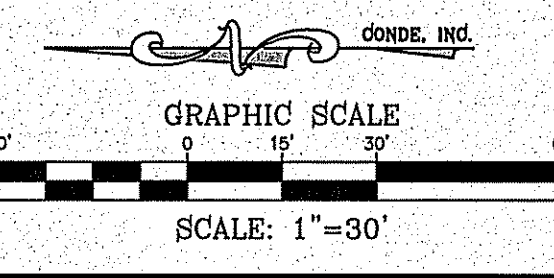
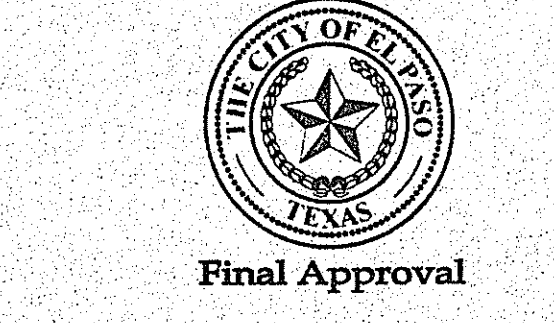
FILE LOCATION S:\Subdivisions\TDE 81\_B\DWG\PP-CRYSTAL PLOTTED ON Friday, November 2, 2018 2:11:37 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C7	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C8	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'13"
C9	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'13"
C10	30.00'	47.42'	30.30'	42.63'	S44°41'20"W	90°33'38"
C11	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C12	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"



**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



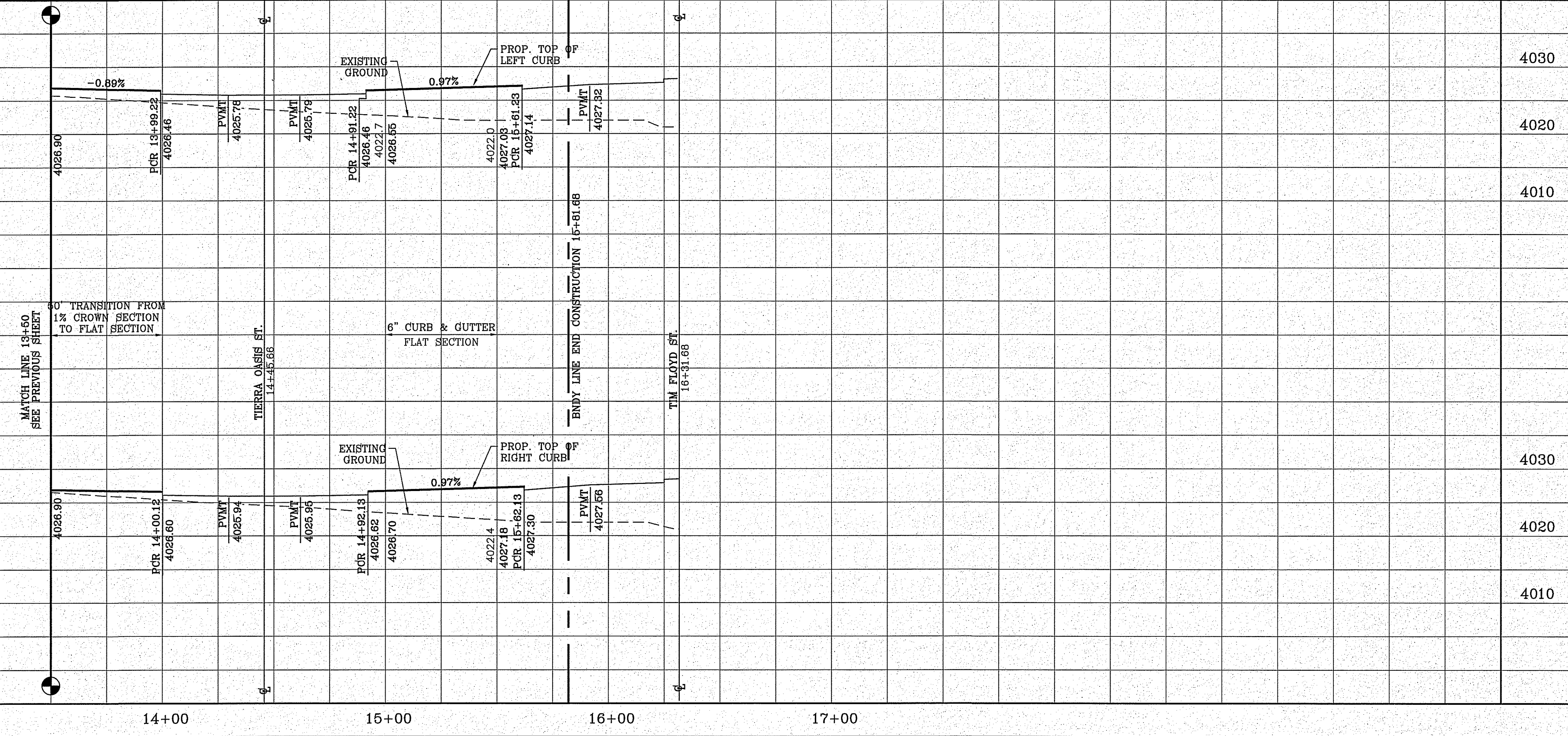
BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 86

DATE	REVISIONS	BY

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES



**ENGINEER'S SEAL**

CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURVEY DR STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

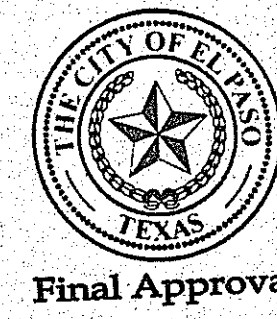
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURVEY DR STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

REGISTRATION No. P-2211

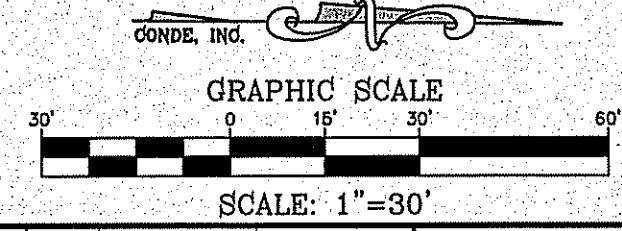
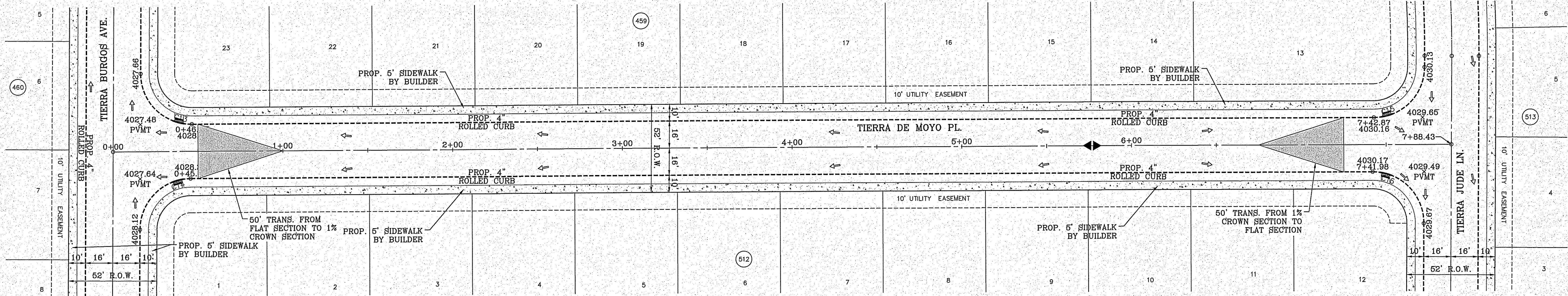
**SHEET TITLE**  
STREET  
PLAN-PROFILE  
**TIERRA  
CRYSTAL**  
**STA: 13+50  
TO STA:  
16+31.68**



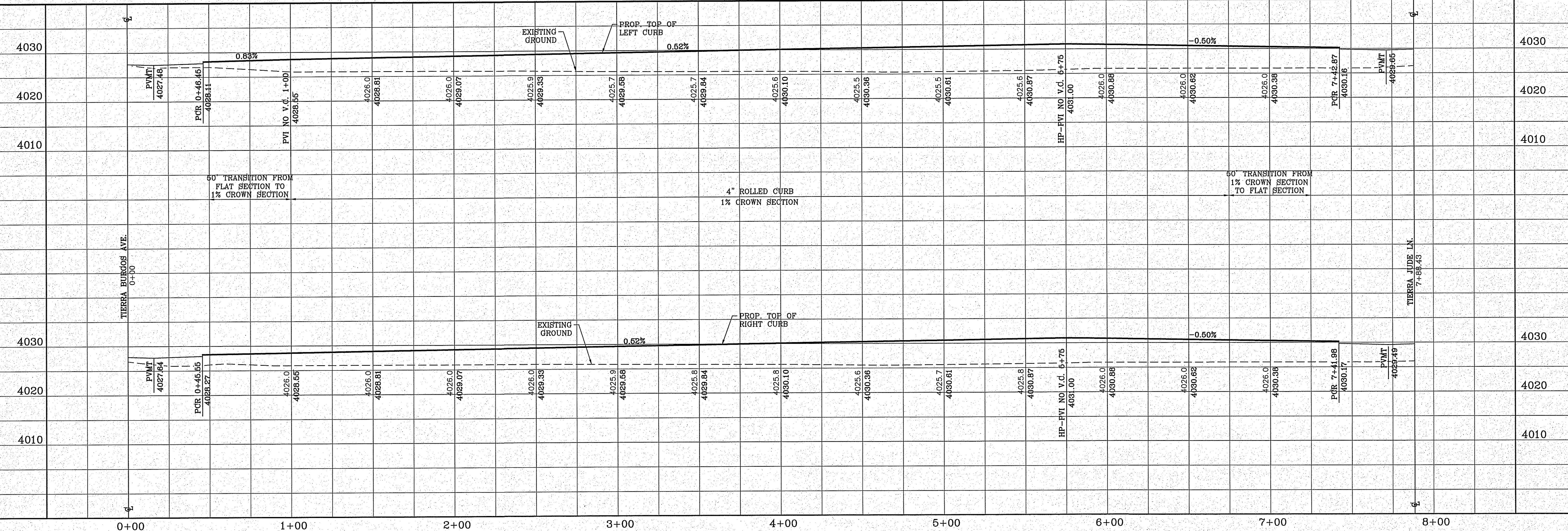
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C13	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'42"
C14	30.00'	45.83'	28.73'	41.50'	S44°21'00"E	87°31'41"
C15	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C16	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"



LEGEND	
	DIRECTIONAL RAMP
	WEDGE RAMP
	RAMP AT PARK
	LOW POINT
	HIGH POINT
	FLOW DIRECTION
	AS-BUILT ELEVATION



FILE LOCATION: s:\Subdivisions\TDE 81 B\DWG\PP-DE MOYO PLOTTED ON Friday, November 2, 2018 2:11:58 PM BY FELIX RODRIGUEZ



BENCHMARK	
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE	ELEVATION = 4023.96 ..... NAVD 88

PROJECT NAME	
<b>TIERRA DEL ESTE UNIT 81 "B"</b>	
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, RANGE 14, COUNTY OF EL PASO, TEXAS, CONTAINING: 160.3272 ACRES	

SCALE	
HORIZ: 1" = 30'	VERT: 1" = 10'
DATE: SEP. 2018	DESIGN BY: Y.C.
INITIATED BY: F.R.	CHECKED BY: Y.C.
JOB NO.: 718-58	

**ENGINEER'S SEAL**

**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 6060 SURETY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0283  
 FAX: (915) 592-0286

SHEET TITLE	
STREET PLAN - PROFILE	
<b>TIERRA DE MOYO</b>	
STA: 0+00	TO
STA: 7+88.43	

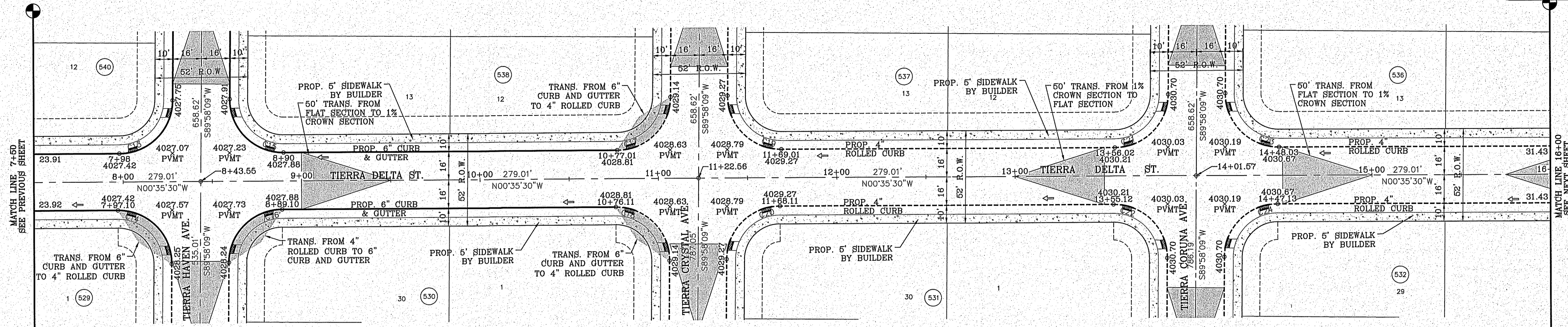


CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C13	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'22"
C14	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C15	30.00'	47.42'	30.30'	42.63'	S44°41'20"W	90°33'38"
C16	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"
C17	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'22"
C18	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C19	30.00'	47.42'	30.30'	42.63'	S44°41'20"W	90°33'38"
C20	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C21	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'22"
C22	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C23	30.00'	47.42'	30.30'	42.63'	S44°41'20"W	90°33'38"
C24	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**GRAPHIC SCALE**  
SCALE: 1"=30'

**CONDE INC.**



**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

DATE: \_\_\_\_\_ BY: \_\_\_\_\_

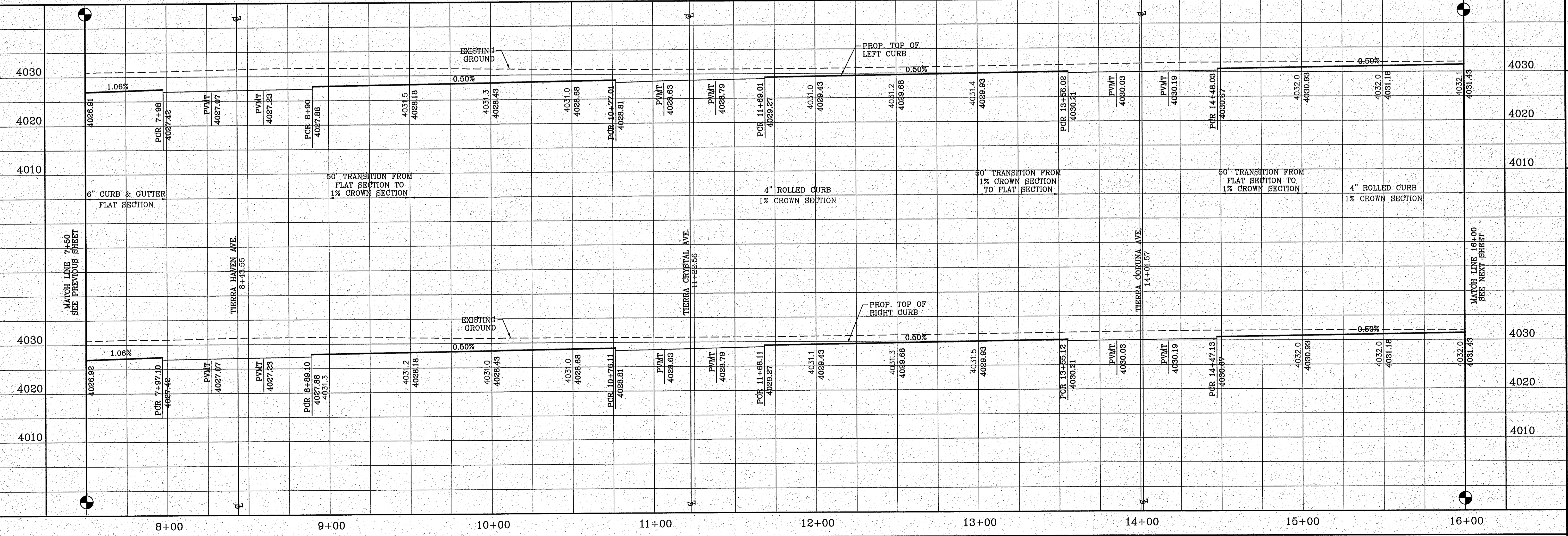
REVISIONS

**PROJECT NAME**

**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 16, BLOCK 76 BEING TIES AND PUBLIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

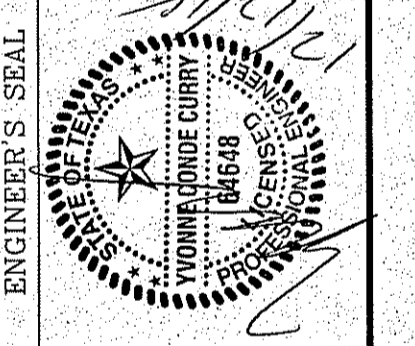
FILE LOCATION: s:\subdivisions\TDE 81 B\DWG\PP-DELTA PLOTTED ON Friday, November 2, 2018 2:12:30 PM BY FELIX RODRIGUEZ



**SCALE**

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

DATE: SEP. 2018  
DESIGNED BY: Y.C.  
INITIATED BY: Y.C.  
CHECKED BY: Y.C.  
JOB NO.: 719-88



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



**SHEET TITLE**

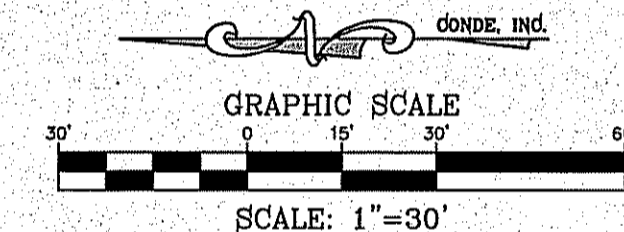
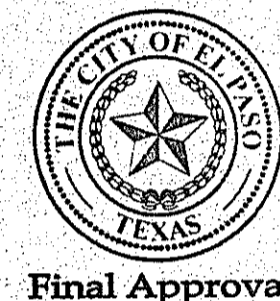
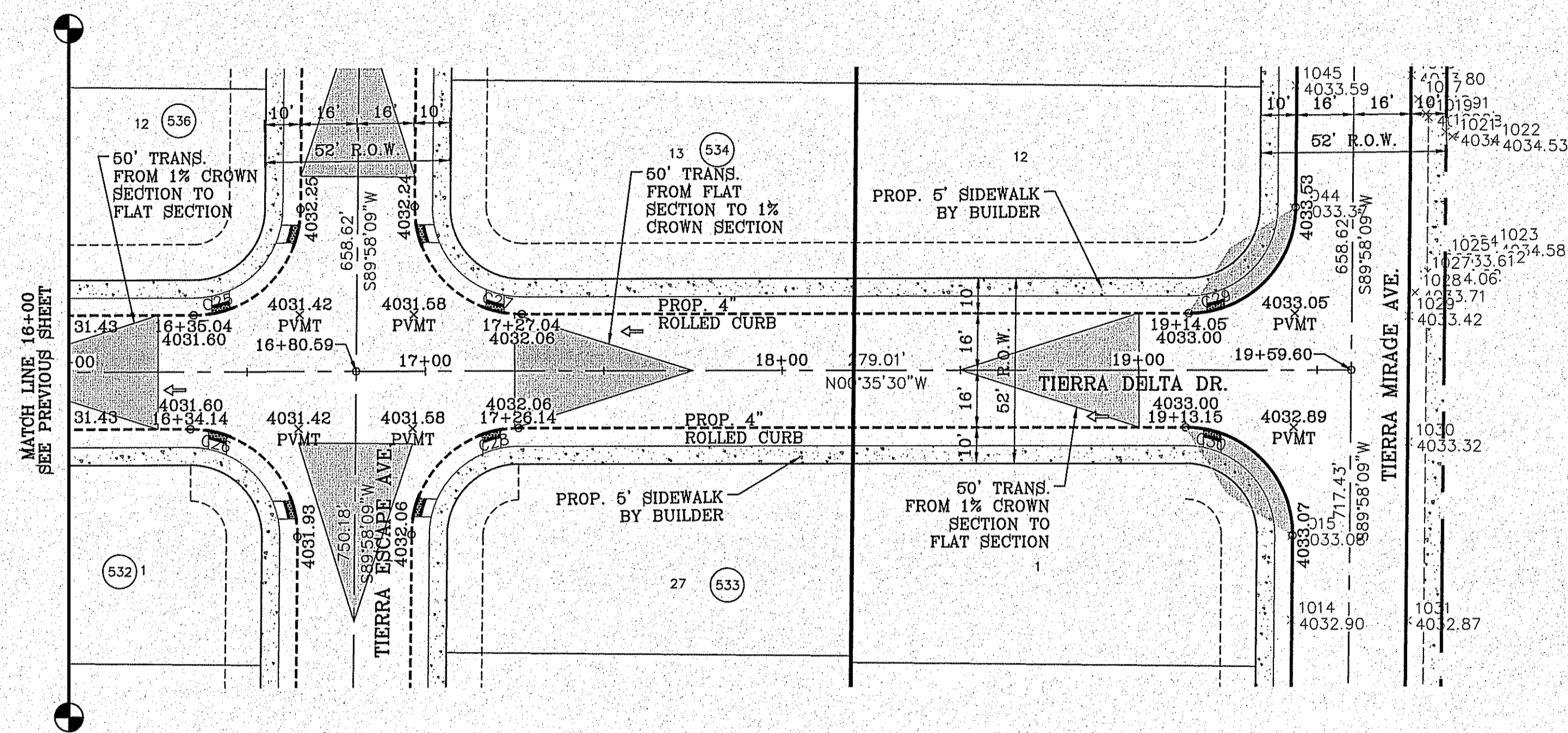
STREET  
PLAN - PROFILE

**TIERRA DELTA DR**  
STA: 7+50  
TO  
STA: 16+00

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C25	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'22"
C26	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C27	30.00'	47.42'	30.30'	42.63'	S44°41'20"W	90°33'38"
C28	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"
C29	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'22"
C30	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**BENCHMARK**  
 CITY MONUMENT AT THE CENTERLINE INTERSECTION OF  
 HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
 ELEVATION = 4033.96 ..... NAVD 88

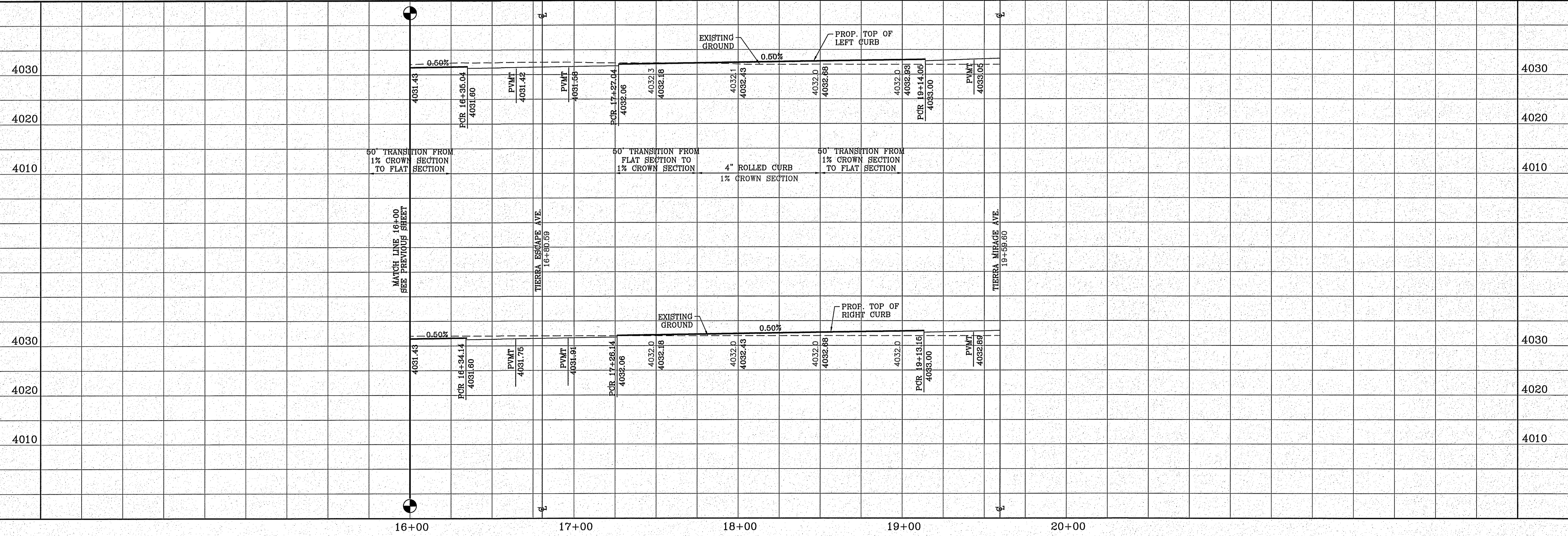
**REVISIONS**

DATE	BY	REVISIONS

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

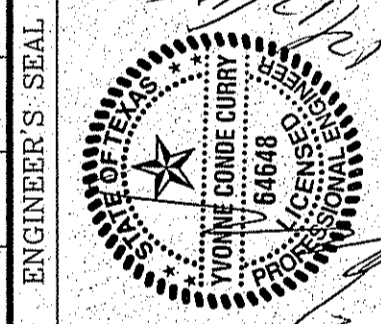
BEING PORTION OF SECTION 48, BLOCK 79,  
 TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY Co. SURVEYS,  
 CITY OF EL PASO, EL PASO COUNTY, TEXAS  
 CONTAINING: 160.327± ACRES

FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-DELTA PLOTTED ON Friday, November 2, 2018 2:12:40 PM BY FELIX RODRIGUEZ



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

DATE: SEP. 2018  
 DESIGN BY: Y.C.  
 INITIATED BY: F.R.  
 CHECKED BY: Y.C.  
 JOB NO.: 718-58



**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 6080 SURETY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0283  
 FAX: (915) 592-0286

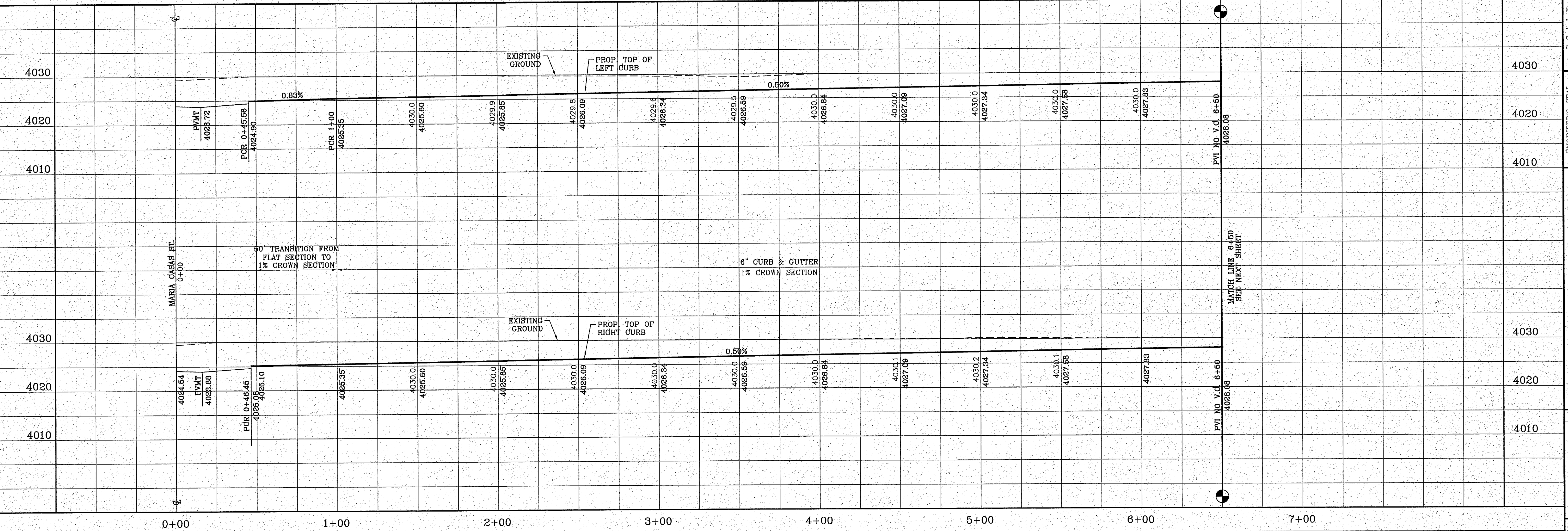
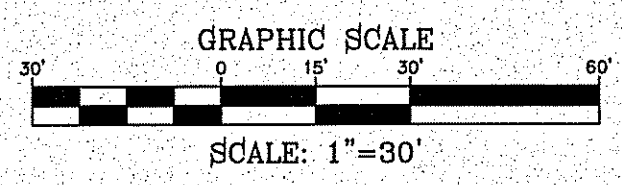
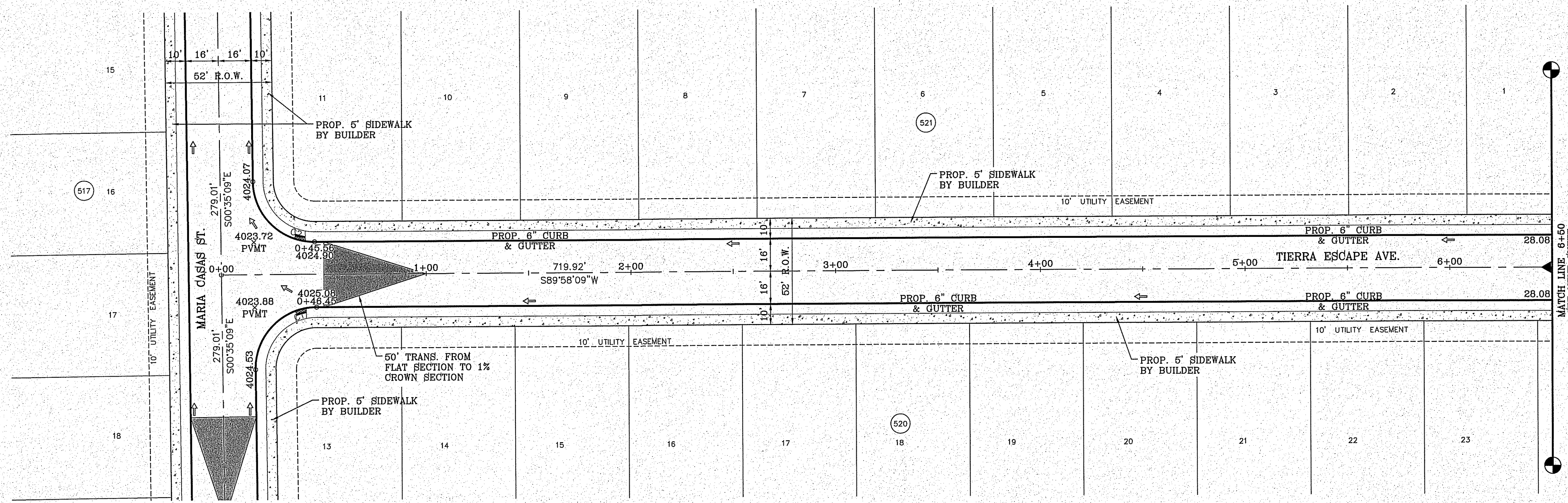


**SHEET TITLE**  
 STREET  
 PLAN-PROFILE  
**TIERRA  
 DELTA DR**  
 STA: 16+00  
 TO  
 STA: 19+59.60

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C2	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-ESCAPE PLOTTED ON Friday, November 2, 2018 2:13:03 PM BY FELIX RODRIGUEZ

**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

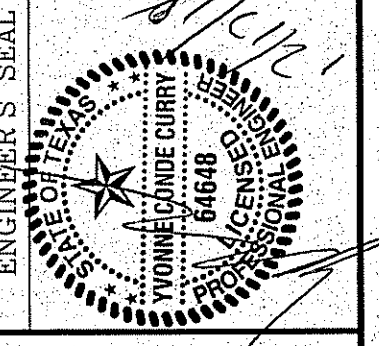
DATE	REVISIONS	BY

**PROJECT NAME**  
**TERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING: 160.327± ACRES

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58



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

6060 SURVEY DR. STE. 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



**SHEET TITLE**  
STREET  
PLAN-PROFILE

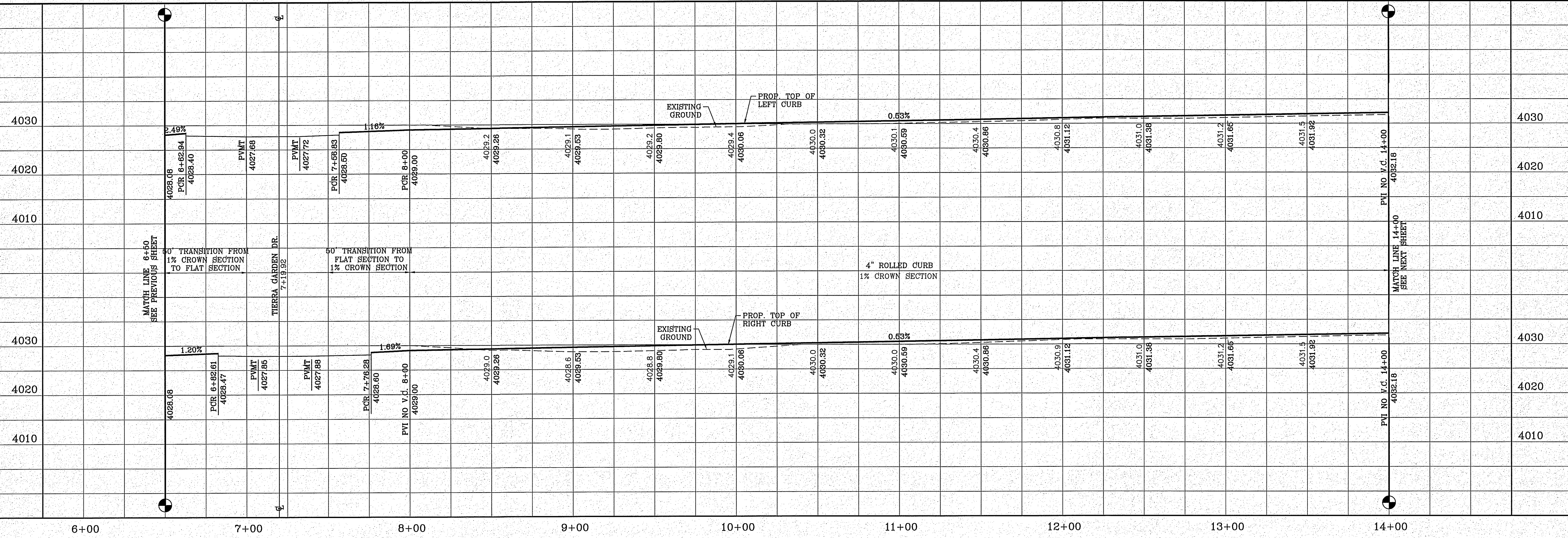
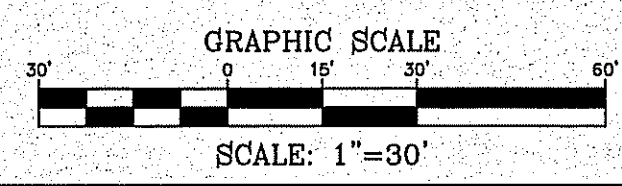
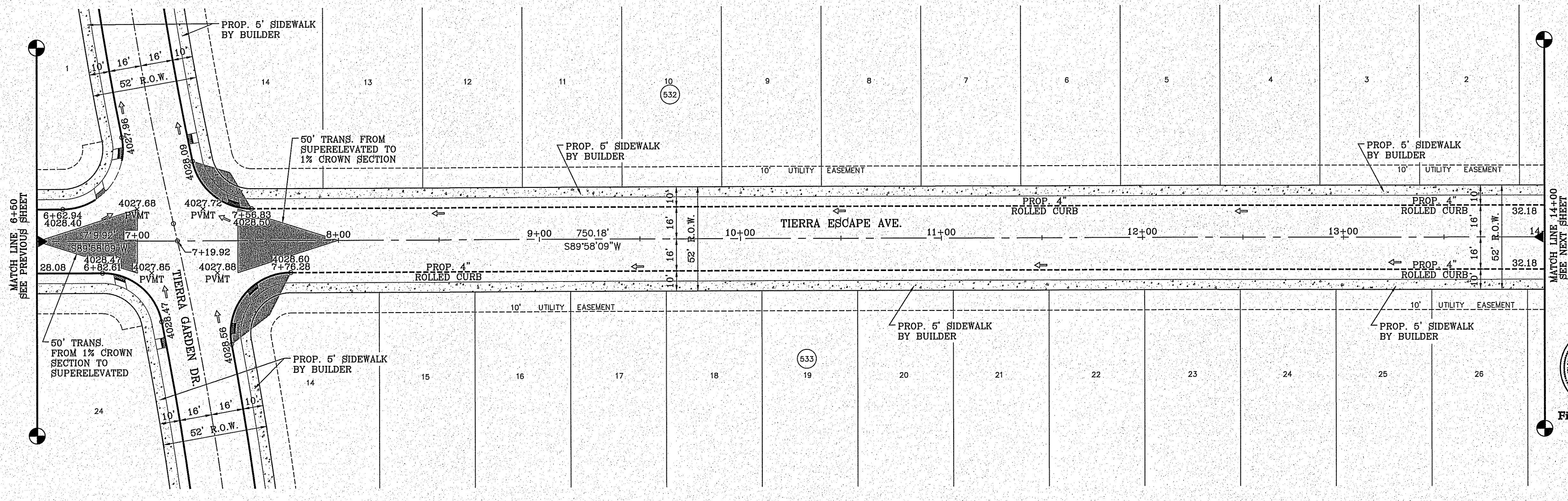
**TERRA DEL ESTE UNIT 81 "B"**  
STA: 0+00  
TO  
STA: 6+50

FILE LOCATION S:\Subdivisions\TDE 81 E\DWG\PT-ESCAPE PLOTTED ON Friday, November 2, 2018 2:13:11 PM BY FELIX RODRIGUEZ

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C3	30.00'	41.27'	24.65'	38.09'	N50°37'13"W	78°49'16"
C4	30.00'	52.97'	36.50'	46.35'	N39°23'25"E	101°09'28"
C5	30.00'	40.91'	24.35'	37.81'	S50°58'04"E	78°07'34"
C6	30.00'	52.62'	36.07'	46.13'	S39°42'58"W	100°30'21"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 86

DATE	REVISIONS	BY

**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

**ENGINEER'S SEAL**

W. J. CURRY  
Professional Engineer  
No. 64648  
State of Texas

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURVEY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0289  
FAX: (915) 592-0286

**STREET TITLE**  
TIERRA ESCAPE AVE.  
STA: 6+50  
TO  
STA: 14+00

**SHT 38 OF 100**

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C7	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C8	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"
C9	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'22"
C10	30.00'	47.42'	30.30'	42.63'	S44°41'20"W	90°33'38"
C11	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"
C12	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"

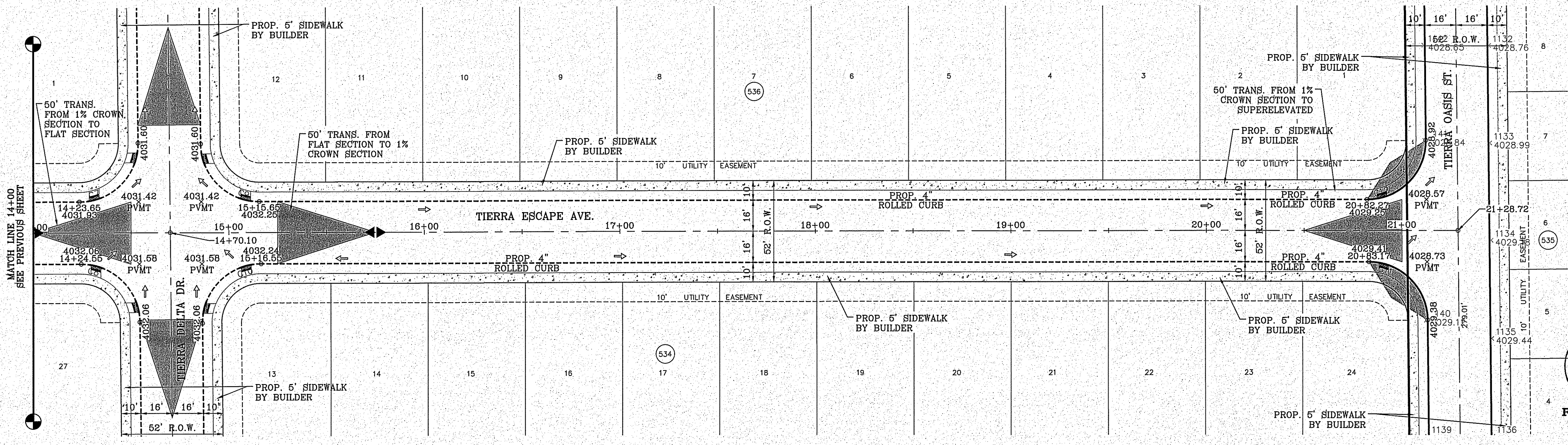
**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4023.98

DATE	REVISIONS	BY

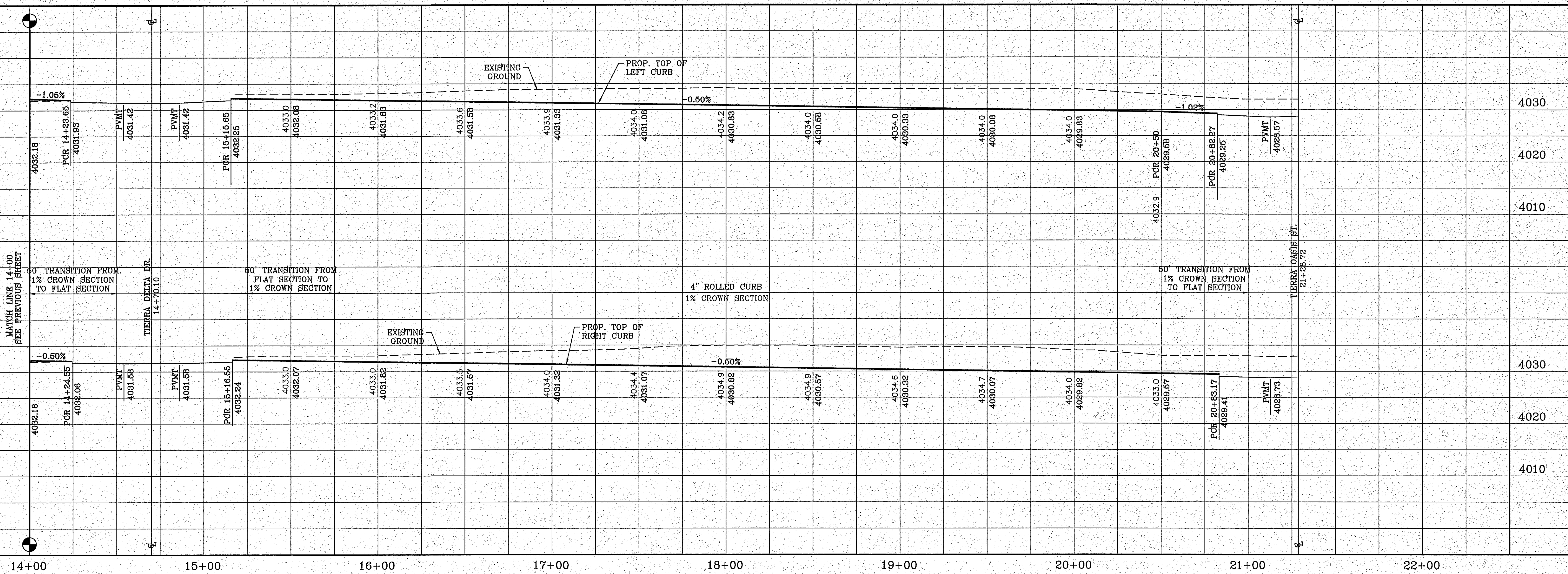


**Final Approval**

GRAPHIC SCALE  
SCALE: 1"=30'

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, COUNTY TEXAS, CONTAINING: 1.60,3274 ACRES



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

DATE: SEP. 2016  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

ENGINEER'S SEAL

YVONNE LORIE CURRY  
REGISTERED PROFESSIONAL ENGINEER  
NO. 14648

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GFS  
6030 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

SHEET TITLE  
STREET  
PLAN - PROFILE  
**TIERRA ESCAPE AVE.**  
STA: 14+00  
TO  
STA: 21+28.72

FILE LOCATION: S:\\_Subdivisions\TDE 81\_Escape\PP-Escape PLOTTED ON Friday, November 2, 2018 2:13:50 PM BY FELIX RODRIGUEZ

FILE LOCATION: s:\subdivisions\tde 81 B\DWG\PP-GARCIA PLOTTED ON Friday, November 2, 2018 2:18:44 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C2	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C3	4.00'	6.32'	4.04'	5.68'	N44°41'30"E	90°33'18"
C4	4.00'	6.24'	3.96'	5.63'	S45°18'30"E	89°26'42"
C5	4.00'	6.24'	3.96'	5.63'	N45°18'30"W	89°26'42"
C6	4.00'	6.32'	4.04'	5.68'	S44°41'30"W	90°33'18"
C7	766.00'	15.18'	7.59'	15.18'	N89°27'47"W	1°08'08"
C8	41.00'	88.89'	77.46'	72.47'	N28°59'45"E	124°13'03"
C9	750.00'	78.46'	39.26'	78.42'	N87°02'02"W	5°59'37"
C10	734.00'	18.11'	9.06'	18.11'	N89°19'27"W	1°24'49"

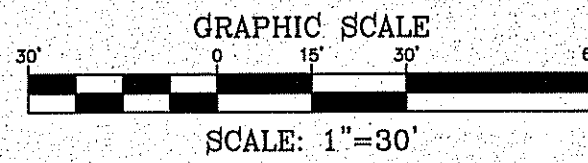
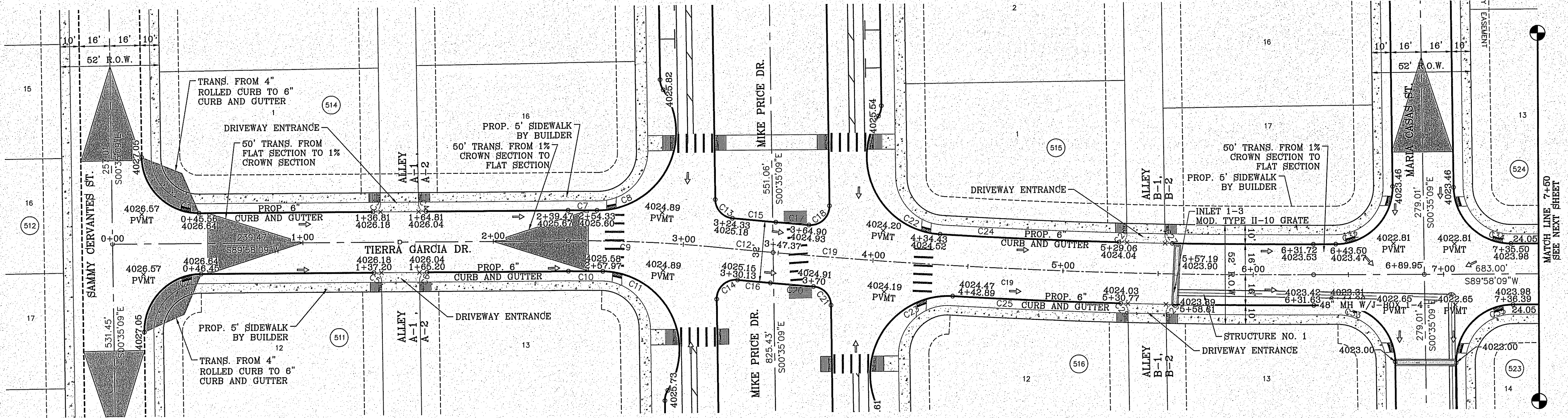
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C11	41.00'	86.27'	71.82'	71.21'	N28°20'17"W	120°33'30"
C12	3000.00'	29.45'	14.72'	29.45'	S84°19'06"E	0°33'45"
C13	10.00'	14.59'	8.94'	13.33'	S42°22'22"E	83°34'24"
C14	10.00'	16.81'	11.17'	14.90'	S47°34'19"W	96°18'57"
C15	2984.00'	22.92'	11.46'	22.92'	S84°22'46"E	0°26'24"
C16	3016.00'	17.33'	8.67'	17.33'	S84°26'06"E	0°19'45"
C17	2984.00'	17.44'	8.72'	17.44'	S84°46'01"E	0°20'05"
C18	10.00'	16.69'	11.04'	14.82'	N47°14'23"E	95°39'06"
C19	3000.00'	284.38'	142.30'	284.28'	S87°18'55"E	5°25'53"
C20	3016.00'	22.75'	11.38'	22.75'	S84°48'56"E	0°25'56"

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C21	10.00'	14.74'	9.07'	13.44'	N42°48'32"W	84°26'45"
C22	41.00'	66.50'	43.15'	59.44'	S39°47'58"E	92°55'32"
C23	41.00'	90.66'	81.68'	73.29'	S30°13'54"W	126°41'22"
C24	2984.00'	94.09'	47.05'	94.08'	S87°09'56"E	1°48'24"
C25	3016.00'	88.35'	44.18'	88.35'	S87°15'47"E	1°40'42"
C26	4.00'	6.46'	4.18'	5.78'	N45°40'21"E	92°31'02"
C27	4.00'	6.15'	3.86'	5.56'	S44°35'48"E	88°01'18"
C28	4.00'	6.11'	3.83'	5.53'	N44°20'39"W	87°30'58"
C29	4.00'	6.42'	4.14'	5.75'	S45°23'25"W	91°57'08"
C30	2984.00'	74.13'	37.07'	74.13'	S89°19'09"E	1°25'24"

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C31	3016.00'	73.54'	36.77'	73.54'	S89°19'56"E	1°23'50"
C32	30.00'	47.41'	30.29'	42.63'	N44°41'30"W	90°33'18"
C33	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C34	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C35	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



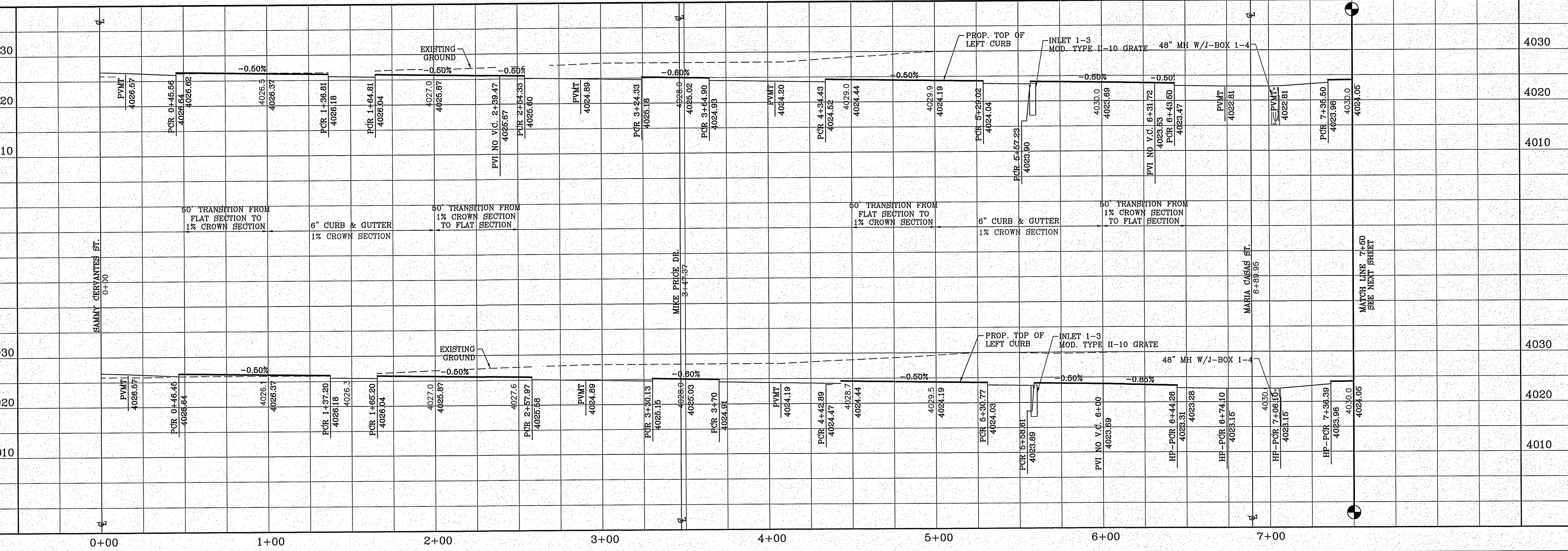
**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

BY	DATE	REVISIONS

**PROJECT NAME**  
TERRA DEL ESTE UNIT 81 "B"

**DESCRIPTION**  
BEING PORTION OF SECTION 48, BLOCK 78, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

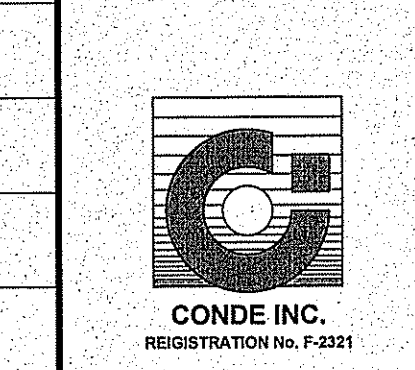


**SCALE**  
HORIZ: 1" = 30'  
VERT: 1" = 10'

**DATE:** SEP. 2018  
**DESIGN BY:** Y.C.  
**INITIATED BY:** F.R.  
**CHECKED BY:** Y.C.  
**JOB NO.:** 718-58

**ENGINEER'S SEAL**  
YOUNG & RUBICAM  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL  
STATE OF TEXAS  
NO. 64648

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6060 FOREST DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



**SHEET TITLE**  
STREET PLAN - PROFILE

**TERRA GARCIA**  
STA: 0+00  
TO  
STA: 7+50

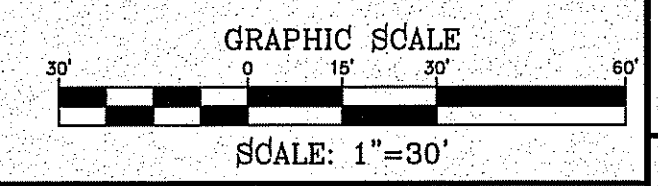
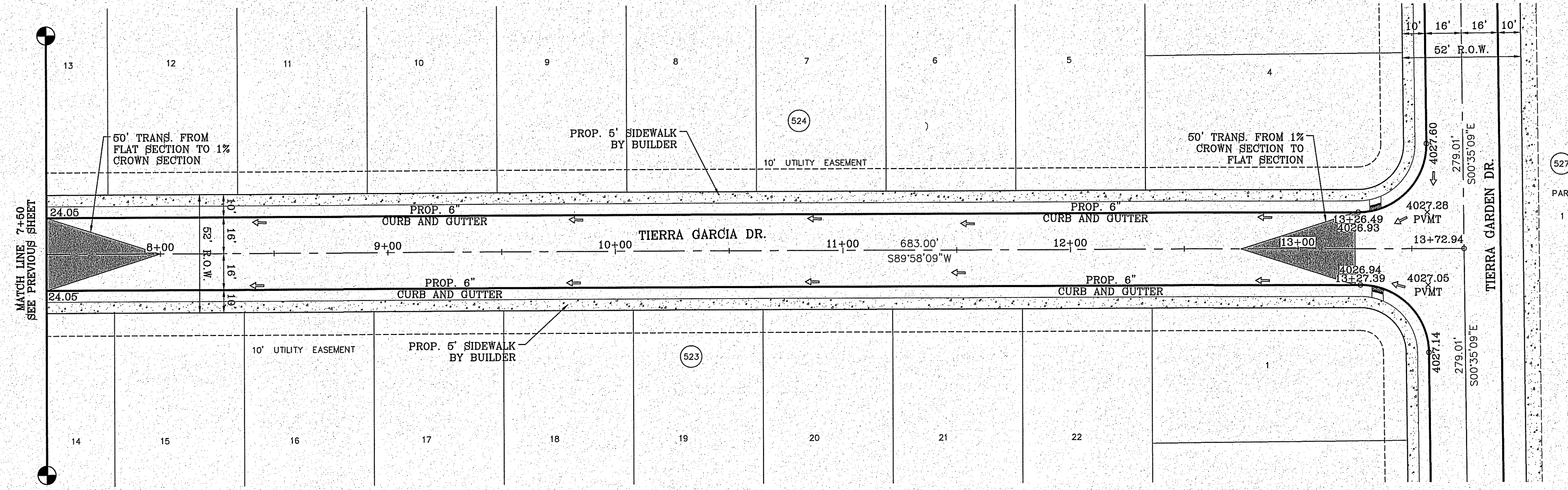
**SHT 40 OF 100**  
TDE 81 "B"



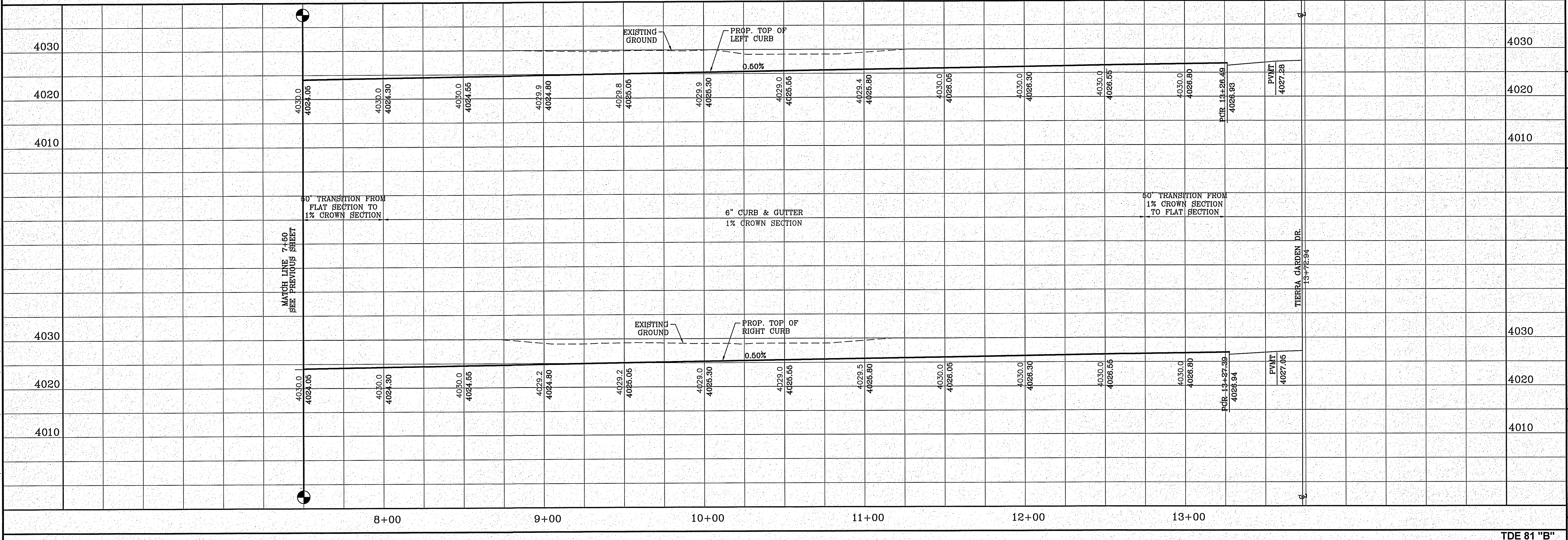
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C36	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"
C37	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



FILE LOCATION: s:\subdivisions\TDE 81 B\DWG\PP-GARCIA PLOTTED ON Friday, November 2, 2018 2:13:54 PM BY FELIX RODRIGUEZ



**BENCHMARK**  
CITY MOUNTAIN AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 22N, RANGE 10E, COUNTY EL PASO COUNTY, TEXAS  
CONTAINING: .160-3274 ACRES

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

**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**SHEET TITLE**  
STREET  
PLAN - PROFILE

**TIERRA GARCIA**  
STA: 7+50  
TO  
STA: 13+72.94

**SHT 41 OF 100**  
TDE 81 "B"

**REVISIONS**

DATE	BY	REVISIONS

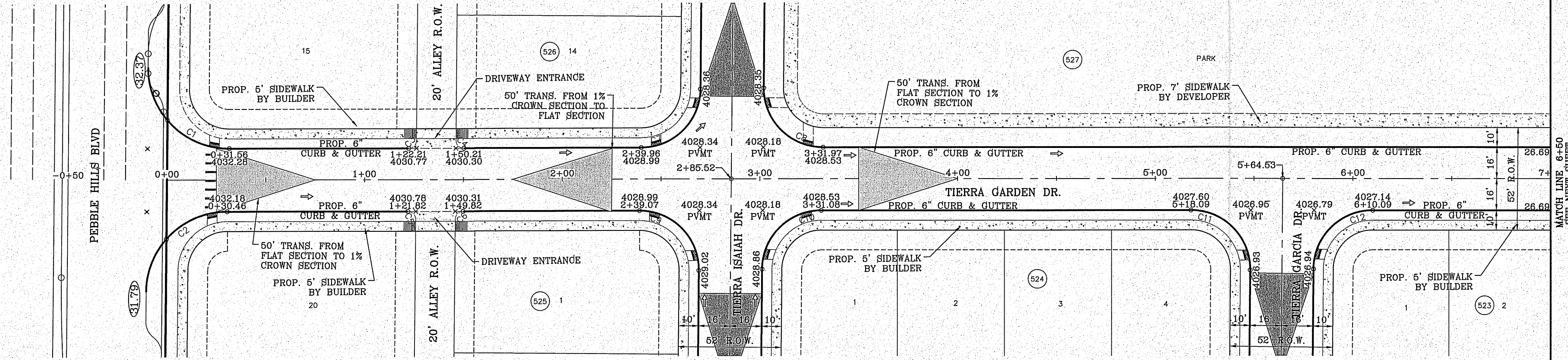
FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-GARDEN PLOTTED ON Friday, November 2, 2018 2:14:24 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	41.00'	64.80'	41.40'	58.26'	S44°41'30"W	90°33'18"
C2	41.00'	64.01'	40.60'	57.70'	N45°18'30"W	89°26'42"
C3	4.00'	6.24'	3.96'	5.63'	S45°18'30"E	89°26'42"
C4	4.00'	6.32'	4.04'	5.68'	S44°41'30"W	90°33'18"
C5	4.00'	6.32'	4.04'	5.68'	N44°41'30"E	90°33'18"
C6	4.00'	6.24'	3.96'	5.63'	N45°18'30"W	89°26'42"
C7	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C8	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C9	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C10	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C11	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"
C12	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**Final Approval**

GRAPHIC SCALE  
SCALE: 1"=30'

**TIERRA DEL ESTE UNIT 81 "B"**

PROJECT NAME

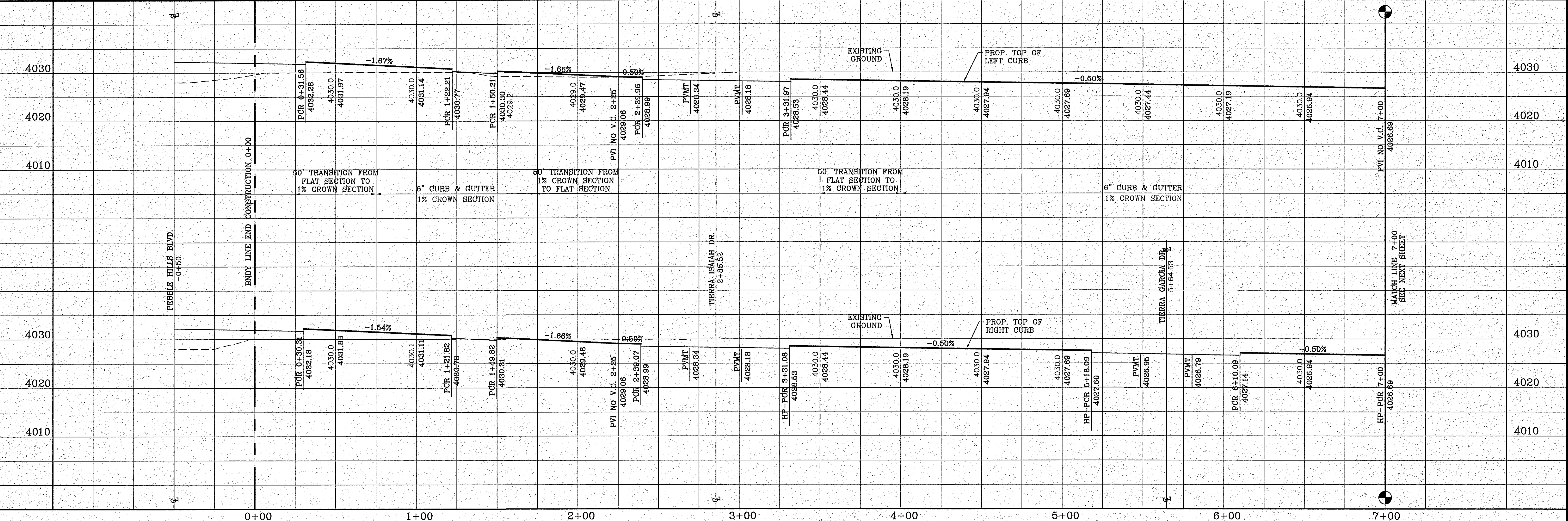
BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY AVENUE AND MIKE PRODRIVE  
ELEVATION = 4023.36 .....NAVD 88

DATE \_\_\_\_\_ BY \_\_\_\_\_

REVISIONS

DESIGN BY: Y.C.  
INITIATED BY: Y.C.  
CHECKED BY: Y.C.  
JOB NO.: 719-58

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING 100.5274 ACRES



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

REGISTRATION NO. F-2311

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

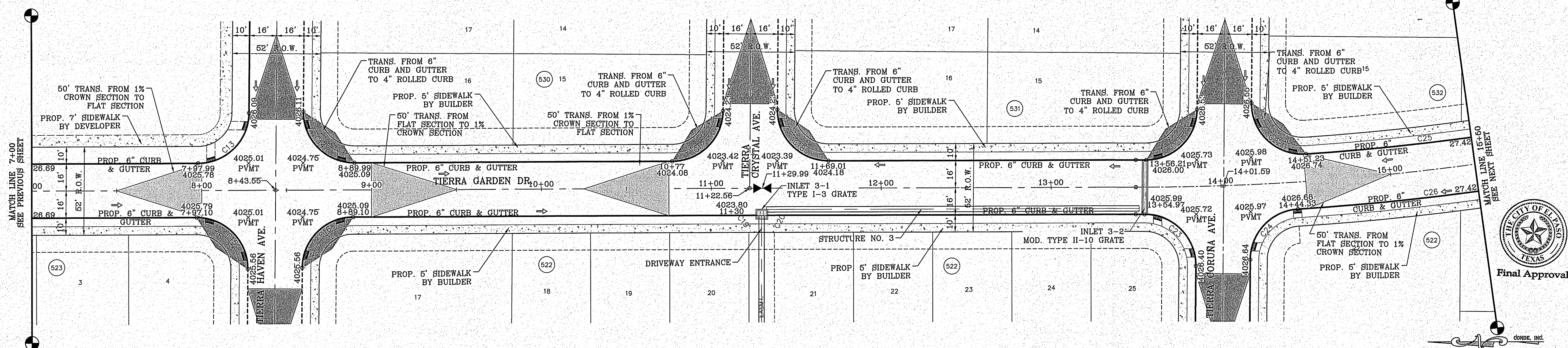
SHT 42 OF 100

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C13	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C14	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C15	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"
C16	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C17	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C18	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C19	4.00'	6.28'	4.00'	5.66'	N44°24'51"E	90°00'00"
C20	4.00'	6.28'	4.00'	5.66'	N45°35'09"W	90°00'00"
C21	30.00'	46.71'	29.59'	42.13'	S45°25'42"E	89°12'18"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C22	30.00'	49.44'	32.41'	44.03'	S42°45'25"W	94°25'28"
C23	30.00'	47.52'	30.39'	42.70'	N44°35'43"E	90°44'51"
C24	30.00'	44.95'	27.90'	40.86'	N47°06'41"W	85°50'21"
C25	1484.00'	192.94'	96.61'	192.81'	S8°10'48"E	7°26'57"
C26	1516.00'	185.14'	92.68'	185.02'	S7°41'25"E	6°59'49"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



GRAPHIC SCALE  
SCALE: 1"=30'

BENCHMARK  
CITY MONUMENT AT THE CENTRELINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 86

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**

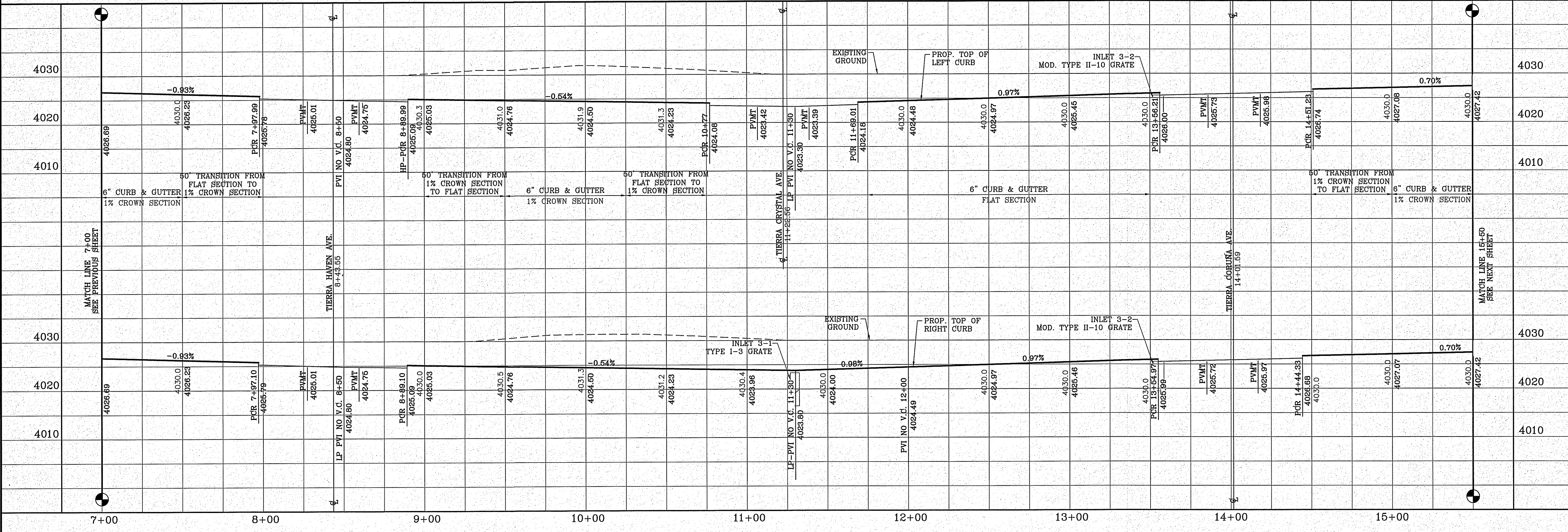
BRING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES

ENGINEER'S SEAL  
CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0263  
FAX: (915) 592-0266

CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0263  
FAX: (915) 592-0266

SHEET TITLE  
STREET  
**TIERRA GARDEN DR.**  
STA: 7+00  
TO  
STA: 15+50

FILE LOCATION S:\subdivisions\TDE 81 B\DWG\PP-GARDEN PLOTTED ON Friday, November 2, 2018 2:14:30 PM BY FELIX RODRIGUEZ



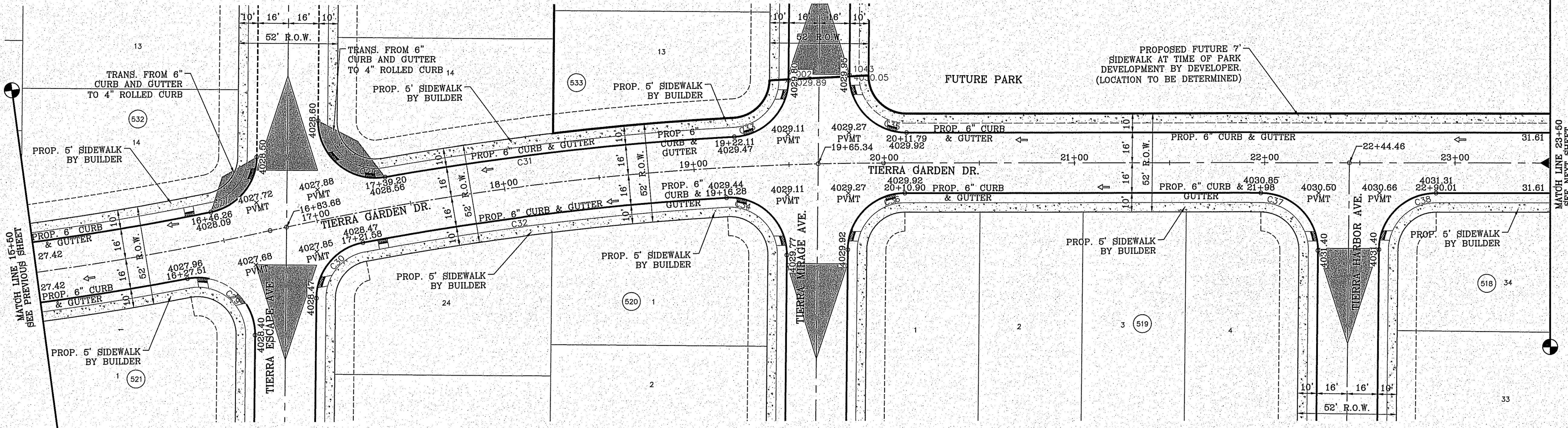
FILE LOCATION: S:\Subdivisions\TDE 81 ED\DWG\PP-GARDEN PLOTTED ON Friday, November 2, 2018 2:14:36 PM BY FELIX RODRIGUEZ

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C27	30.00'	40.91'	24.35'	37.81'	S50°58'04"E	78°07'34"
C28	30.00'	52.62'	36.07'	46.13'	S39°42'58"W	100°30'21"
C29	30.00'	52.97'	36.50'	46.35'	N39°23'25"E	101°09'28"
C30	30.00'	41.27'	24.65'	38.09'	N50°37'13"W	78°49'16"
C31	1516.00'	184.87'	92.55'	184.75'	N7°02'36"W	6°59'13"
C32	1484.00'	192.62'	96.45'	192.49'	N7°29'28"W	7°26'13"
C33	30.00'	45.28'	28.21'	41.10'	S46°47'25"E	86°28'52"
C34	30.00'	49.08'	32.03'	43.79'	N43°05'54"E	93°44'31"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C35	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C36	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C37	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'43"
C38	30.00'	46.83'	29.71'	42.22'	N45°18'18"W	89°26'17"

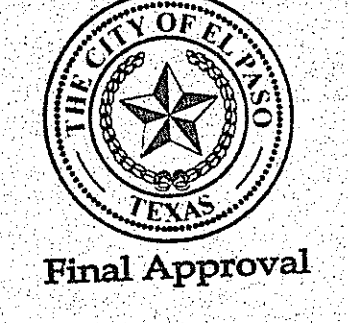
**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**GRAPHIC SCALE**  
SCALE: 1"=30'

**CONDE INC.**



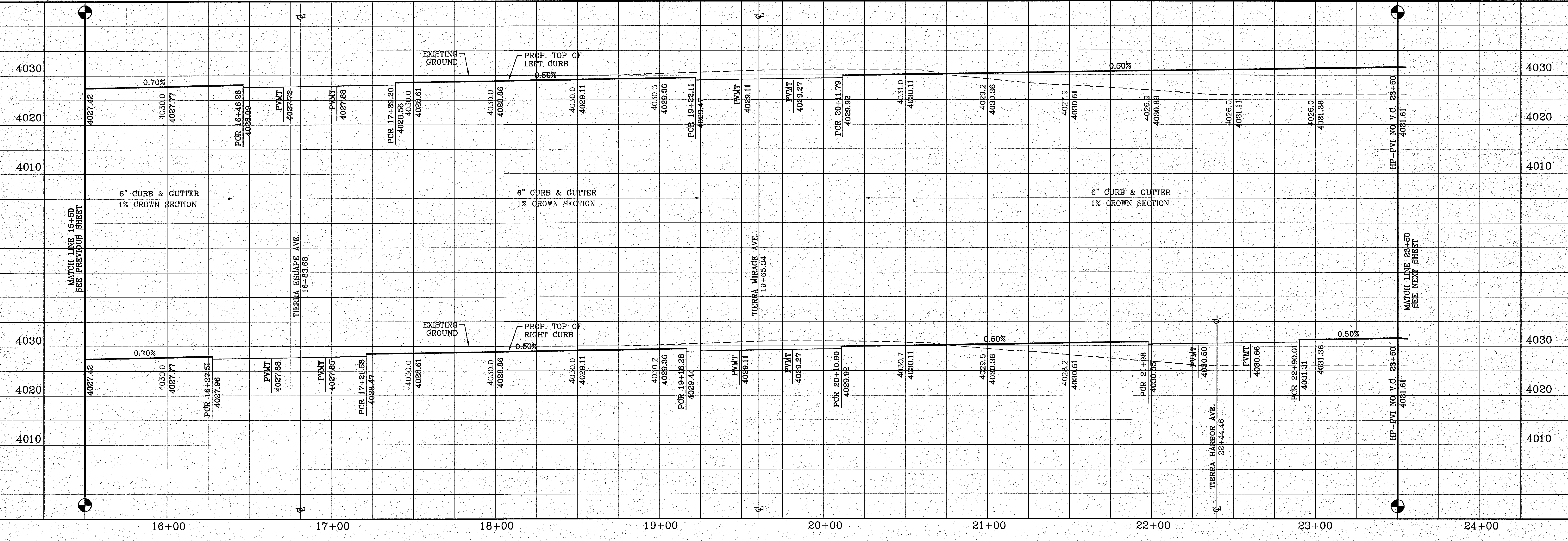
**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

DATE	REVISIONS	BY

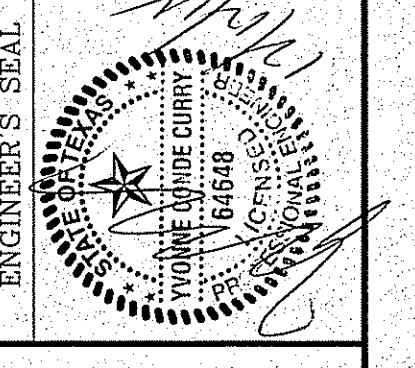
**PROJECT NAME**  
**TERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 70, TOWNSHIP 2, RANGE 10, PACIFIC RAILWAY SURVEY, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES



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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6000 SURET DR. STE. 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



**SHEET TITLE**  
STREET  
PLAN-PROFILE

**TERRA GARDEN DR.**  
STA: 15+50  
TO  
STA: 24+00

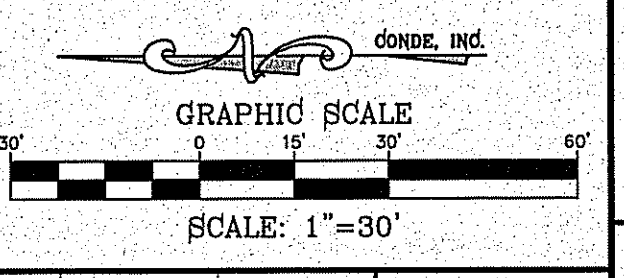
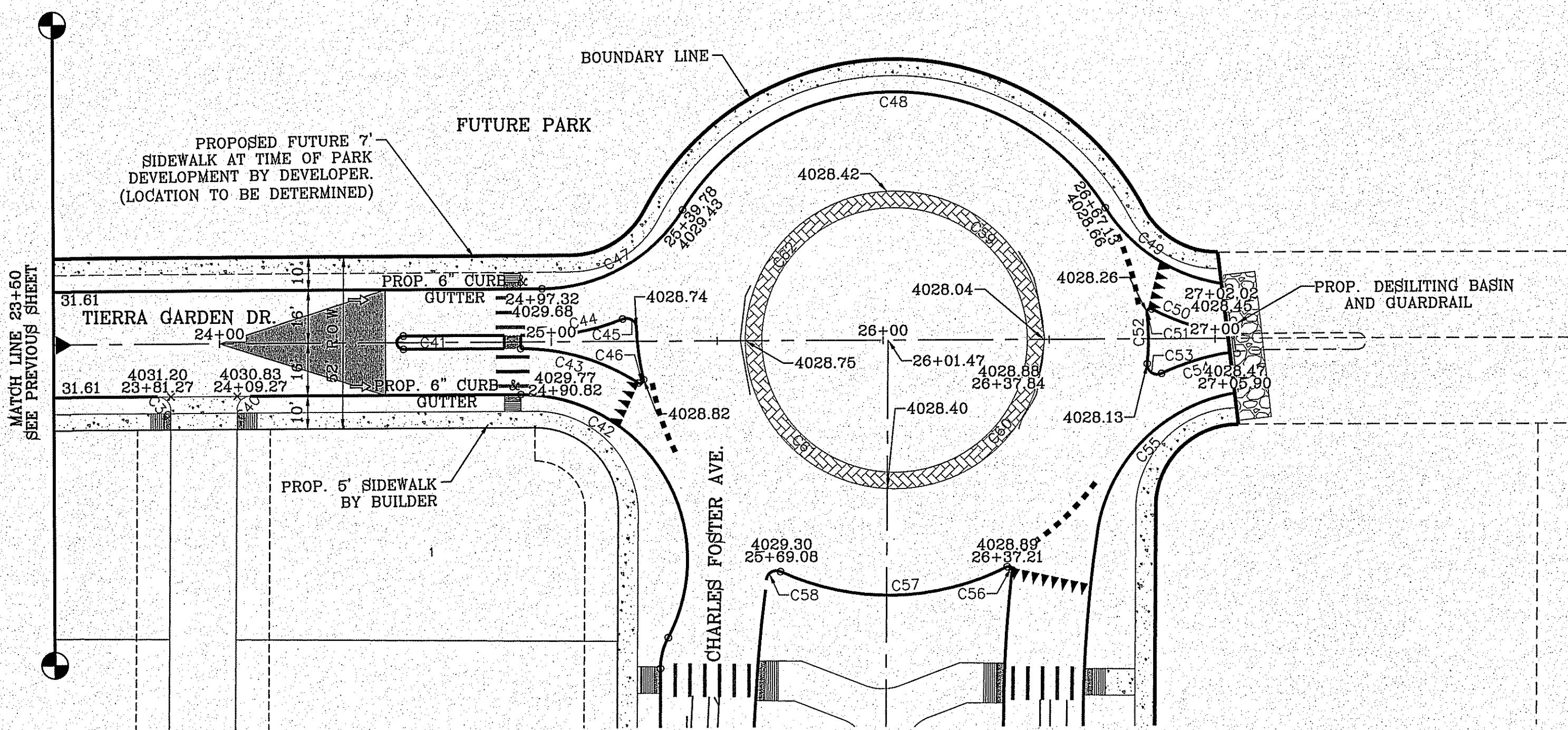
**SHT 44 OF 100**

TDE 81 "B"

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C39	4.00'	6.32'	4.04'	5.68'	N44°41'42"E	90°33'43"
C40	4.00'	6.24'	3.96'	5.63'	N45°18'18"W	89°26'17"
C41	2.00'	6.32'	195.55'	4.00'	N90°00'00"W	181°10'19"
C42	50.00'	103.17'	83.58'	85.82'	N58°31'31"E	118°13'20"
C43	64.00'	37.52'	19.32'	36.99'	N16°12'39"E	33°35'37"
C44	64.00'	24.84'	12.58'	24.69'	S11°42'19"E	22°14'19"
C45	3.00'	5.79'	4.32'	4.93'	N32°25'36"E	110°30'09"
C46	1.00'	2.39'	2.54'	1.86'	S35°29'02"E	136°58'59"
C47	50.00'	50.73'	27.79'	48.58'	S29°39'03"E	58°07'46"
C48	75.00'	152.18'	120.63'	127.39'	N0°35'09"W	116°15'33"
C49	50.00'	43.10'	22.99'	41.78'	S32°50'57"W	49°23'19"
C50	62.50'	23.98'	12.14'	23.83'	S16°57'55"W	21°58'53"
C51	1.00'	2.17'	1.90'	1.77'	N34°20'07"W	124°34'56"
C52	76.50'	15.62'	7.84'	15.59'	N89°13'18"E	11°41'47"
C53	3.00'	6.34'	5.32'	5.23'	S34°30'34"W	121°07'16"
C54	72.50'	21.59'	10.88'	21.51'	N17°31'11"W	17°03'46"
C55	50.00'	63.09'	36.52'	58.99'	N45°46'18"W	72°17'34"
C56	1.04'	2.14'	1.73'	1.78'	N33°20'10"E	118°00'36"
C57	78.00'	70.75'	38.02'	68.35'	S1°34'57"E	51°58'19"
C58	3.00'	5.76'	4.29'	4.92'	N30°38'07"W	110°04'39"
C59	45.00'	72.25'	46.59'	64.73'	N43°25'17"E	91°59'08"
C60	45.00'	73.10'	47.48'	65.32'	S44°03'01"E	93°04'17"
C61	45.00'	68.27'	42.65'	61.91'	S45°56'59"W	86°55'43"
C62	45.00'	69.13'	43.47'	62.53'	N46°34'43"W	88°00'52"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4028.96 .....NAVD 88

DATE	REVISIONS	BY

**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

**DESIGNER**  
CONDE INC.  
ENGINEERING / PLANNING / SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**DATE**  
NOVEMBER 2, 2018

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

**DATE**  
NOVEMBER 2, 2018

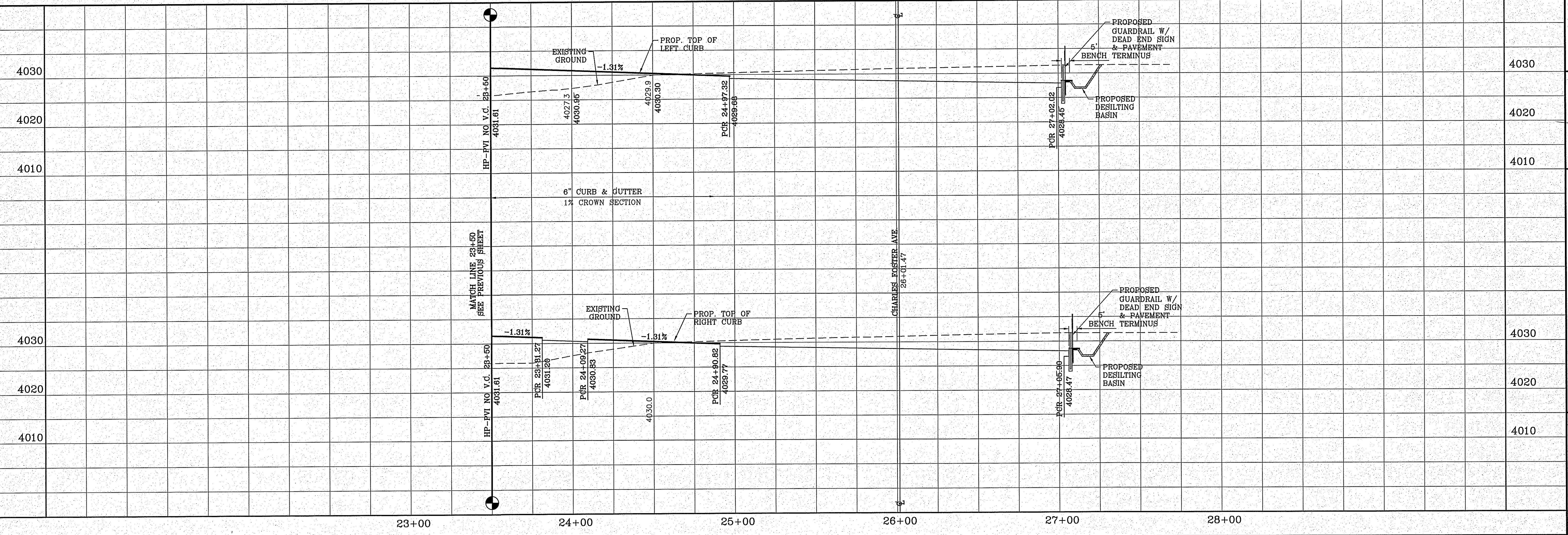
**DESIGN BY**  
Y.C.

**INITIATED BY**  
F.R.

**CHECKED BY**  
Y.C.

**JOB NO.**  
718-68

FILE LOCATION: s:\Subdivisions\TDE 81\_B\DWG\PP-GARDEN PLOTTED ON Friday, November 2, 2018 2:14:45 PM BY FELIX RODRIGUEZ



**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING / SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

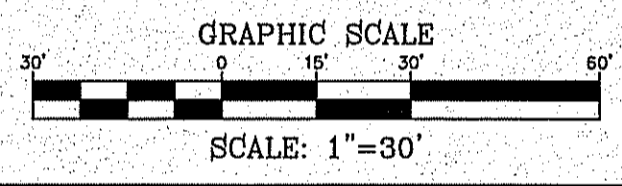
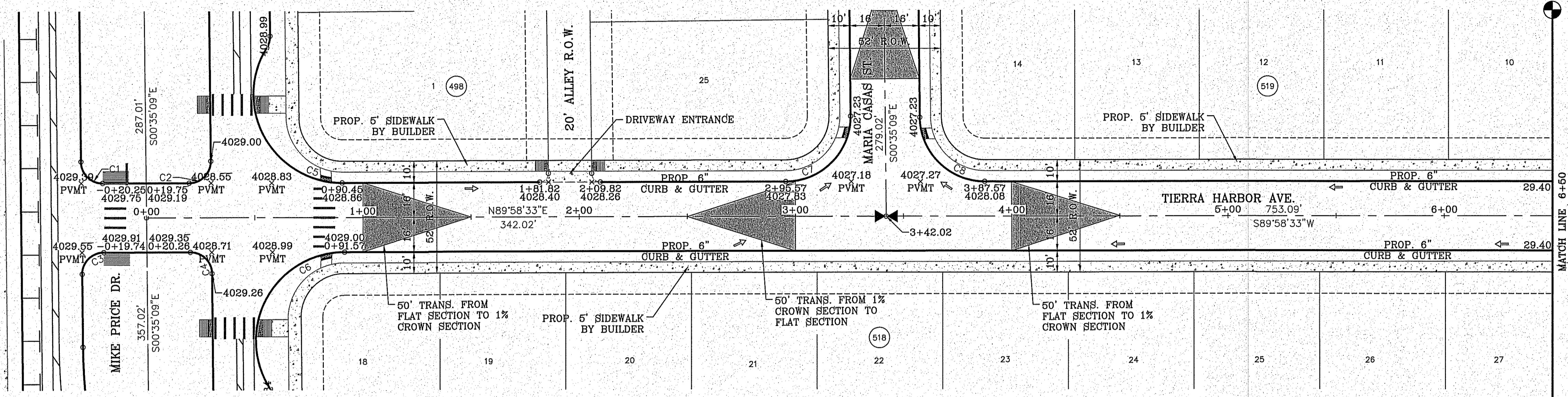
**SHEET TITLE**  
STREET  
PLAN - PROFILE

**TIERRA GARDEN DR.**  
STA: 24+00  
TO  
STA: 27+03.96

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	10.00'	15.61'	9.90'	14.07'	S45°18'18"E	89°26'17"
C2	10.00'	15.81'	10.10'	14.21'	N44°41'42"E	90°33'43"
C3	10.00'	15.81'	10.10'	14.21'	S44°41'42"W	90°33'43"
C4	10.00'	15.61'	9.90'	14.07'	N45°18'18"W	89°26'17"
C5	41.00'	87.28'	73.91'	71.71'	S29°02'29"E	121°57'55"
C6	41.00'	88.08'	75.65'	72.09'	S28°25'53"W	123°05'20"
C7	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'43"
C8	30.00'	46.83'	29.71'	42.22'	S45°18'18"E	89°26'17"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



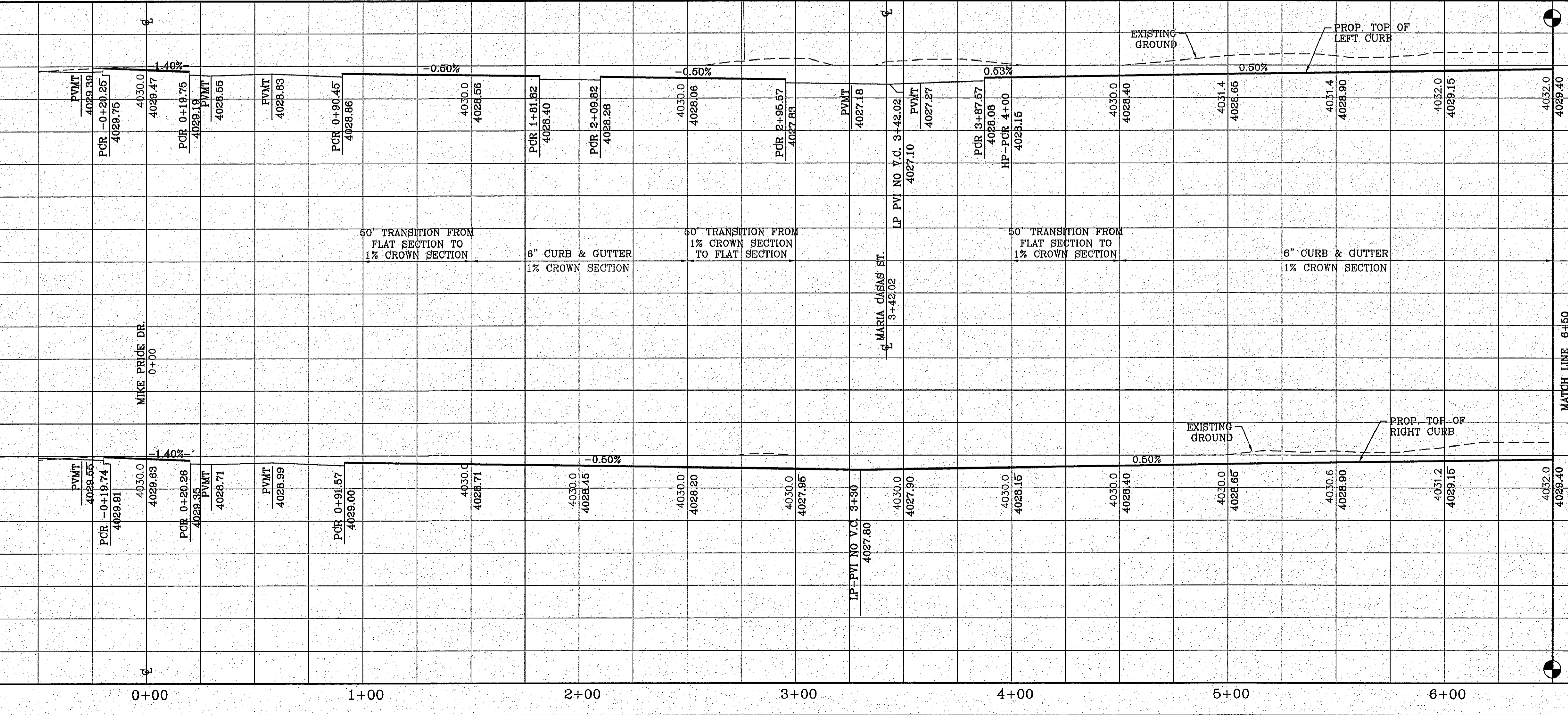
BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.98 ...NAVD 88

DATE	REVISIONS	BY

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 24S, RANGE 10E, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES



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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 719-59

ENGINEER'S SEAL

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

6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

REGISTRATION NO. F-2321

SHEET TITLE  
STREET  
PLAN-PROFILE

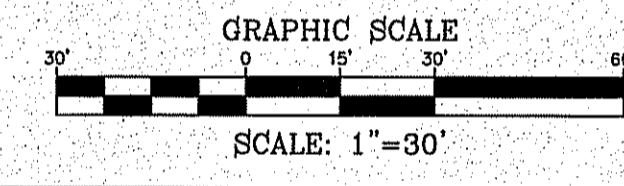
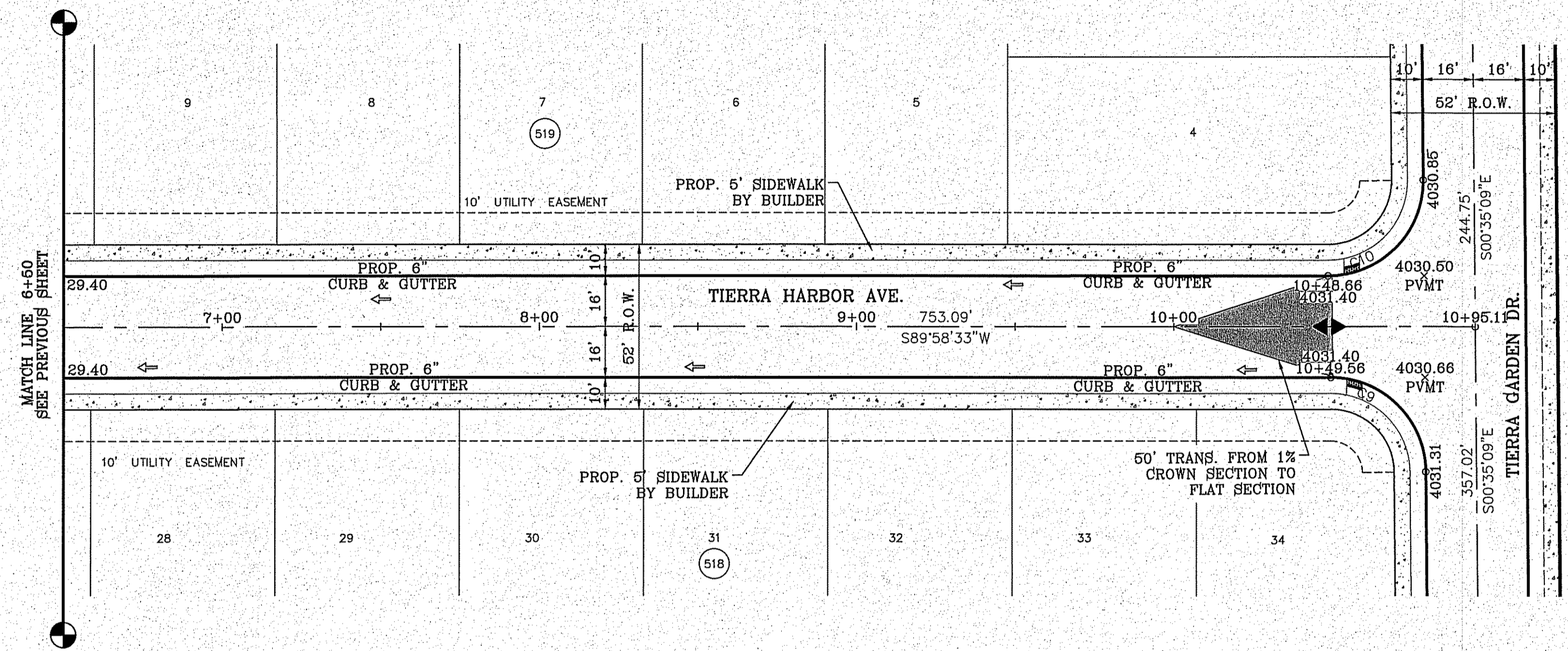
**TIERRA HARBOR**  
STA: 0+00  
TO  
STA: 6+50

FILE LOCATION S:\Subdivisions\TDE 81 E\DWG\PP-HARBOR PLOTTED ON Friday, November 2, 2018 2:15:07 PM BY FELIX RODRIGUEZ

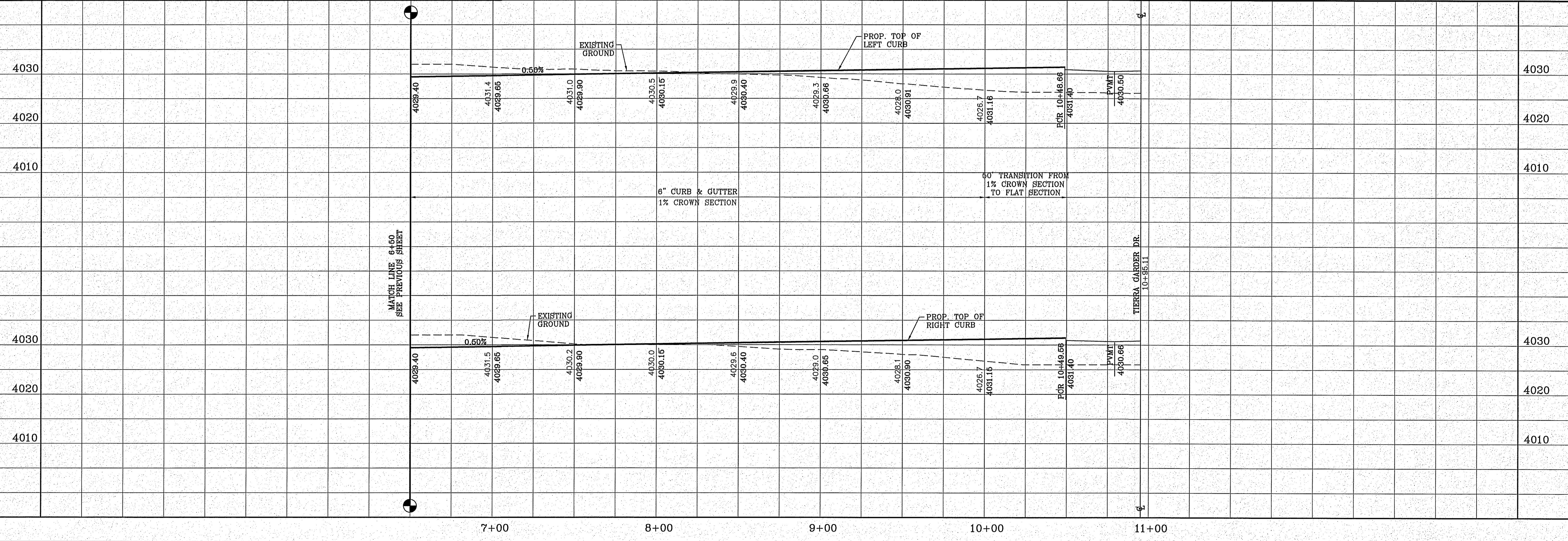
CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C9	30.00'	46.83'	29.71'	42.22'	N45°18'18"W 89°26'17"
C10	30.00'	47.42'	30.30'	42.63'	N44°41'42"E 90°33'43"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-HARBOR PLOTTED ON Friday, November 2, 2018 2:15:17 PM BY FELIX RODRIGUEZ



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

DATE	REVISIONS

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.827± ACRES

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

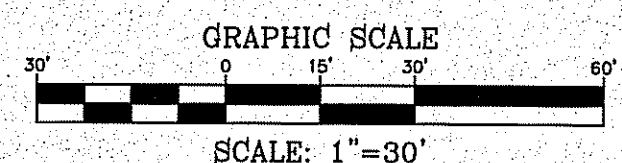
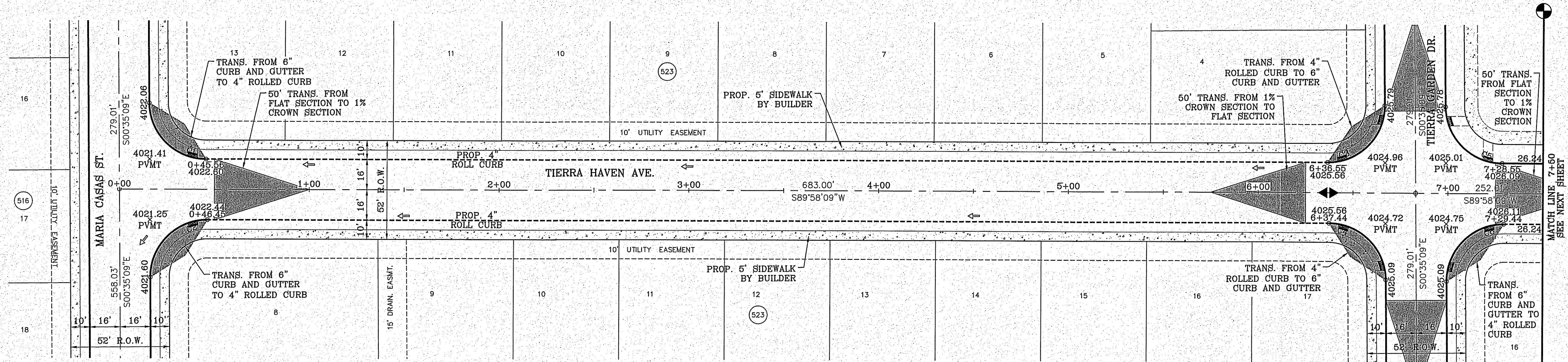


**SHEET TITLE**  
STREET  
PLAN-PROFILE

**TIERRA HARBOR**  
STA: 6+50  
TO  
STA: 10+95.11

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C2	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C3	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"
C4	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C5	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C6	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"

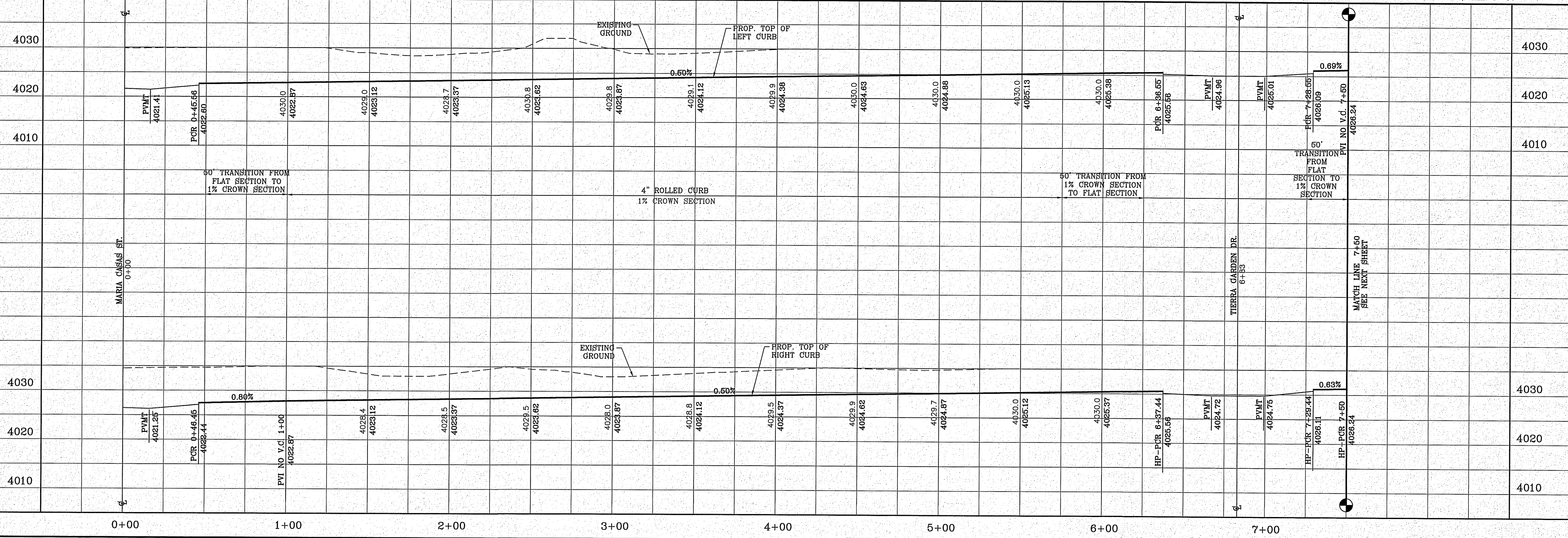
LEGEND	
	DIRECTIONAL RAMP
	WEDGE RAMP
	RAMP AT PARK
	LOW POINT
	HIGH POINT
	FLOW DIRECTION
	AS-BUILT ELEVATION



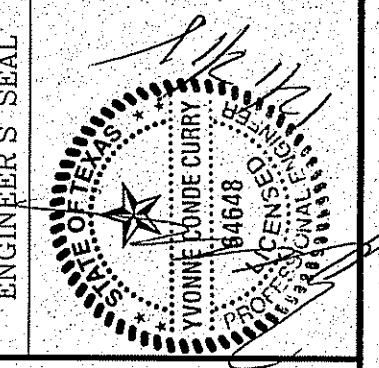
BENCHMARK	
CITY MOUNTAIN AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE	
ELEVATION = 4023.86	.....RAVD 88
DATE	REVISIONS

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**  
 BEING PART OF SECTION 48, BLOCK 79, TOWNSHIP 2 S, RANGE 10 W, COUNTY OF EL PASO, TEXAS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

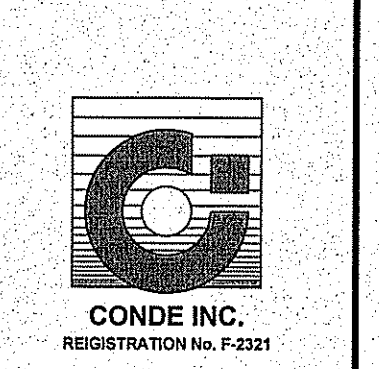
FILE LOCATION S:\Subdivisions\TDE 81\_B\DWG\PP-HAVEN PLOTTED ON Friday, November 2, 2018 2:15:38 PM BY FELIX RODRIGUEZ



<b>SCALE</b>	HORIZ: 1" = 30'
	VERT: 1" = 10'
	DATE: SEP. 2018
	DESIGN BY: Y.C.
	INITIATED BY: P.R.
	CHECKED BY: Y.C.
	JOB NO.: 718-58



**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 6080 SURETY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0283  
 FAX: (915) 592-0286



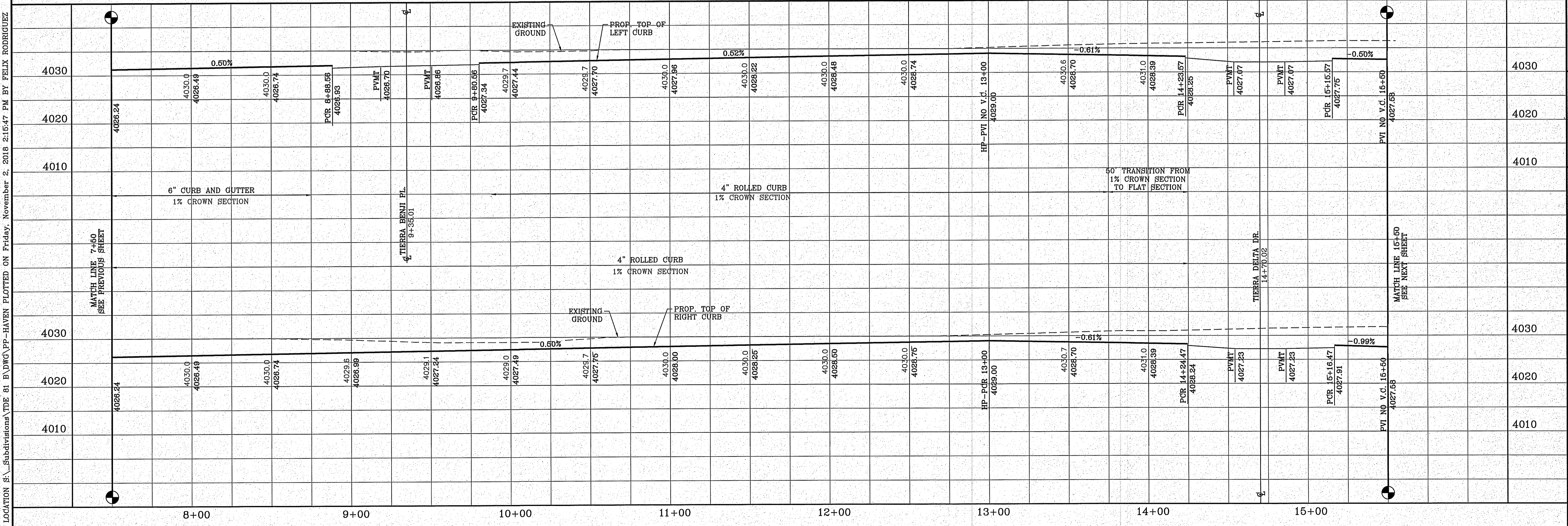
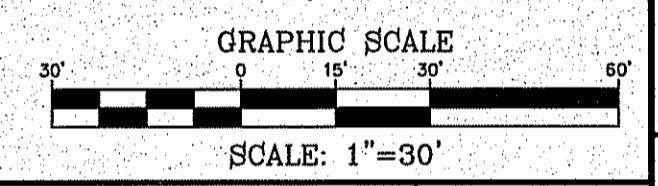
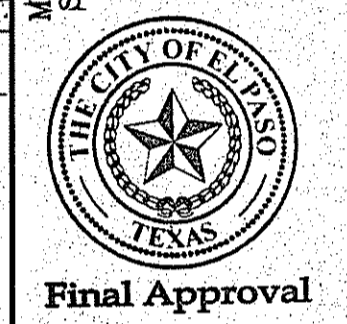
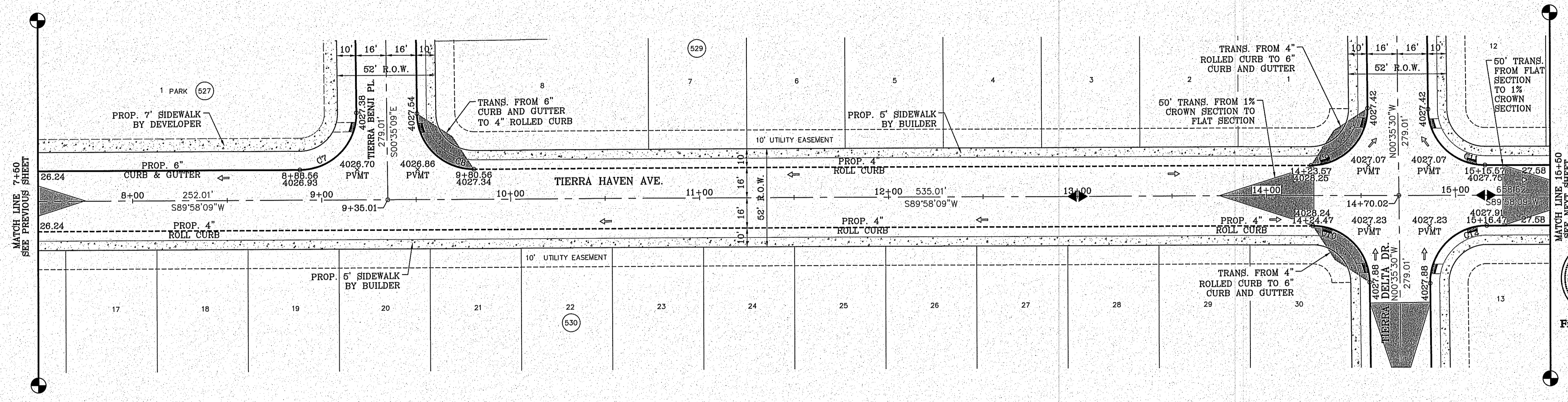
**SHEET TITLE**  
**STREET PLAN-PROFILE**  
**TIERRA HAVEN**  
 STA: 0+00  
 TO  
 STA: 7+50



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C7	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"
C8	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C9	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C10	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"
C11	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'22"
C12	30.00'	47.42'	30.30'	42.63'	S44°41'20"W	90°33'38"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4023.96 .....NAVD 88

DATE	REVISIONS	BY

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEY, CITY OF EL PASO, COUNTY OF EL PASO, TEXAS, CONTAINING 1.603274 ACRES

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 719-58

ENGINEER'S SEAL

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

SHEET TITLE  
STREET  
**TIERRA HAVEN**  
STA: 7+50  
TO  
STA: 15+50

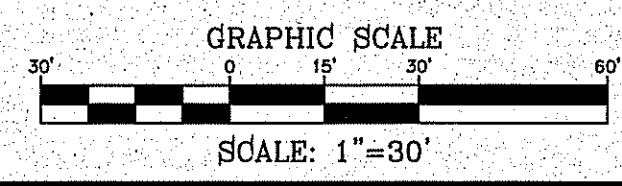
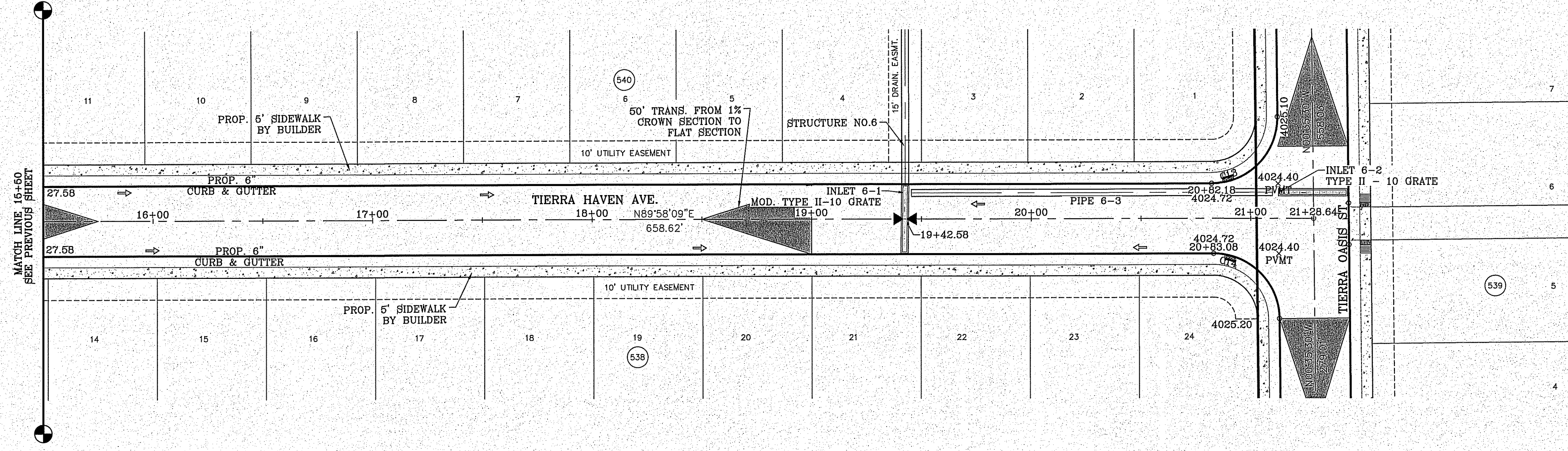
SHT 49 OF 100

FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-HAVEN PLOTTED ON Friday, November 2, 2018 2:15:47 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C13	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C14	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'22"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



BENCHMARK

CITY MOUNTAIN AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4023.96 .....NAVD 88

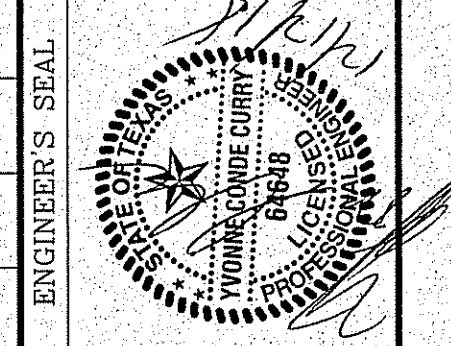
DATE	REVISIONS	BY

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

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

DATE: SEP. 2018  
 DESIGN BY: Y.C.  
 INITIATED BY: F.R.  
 CHECKED BY: Y.C.  
 JOB NO.: 718-58



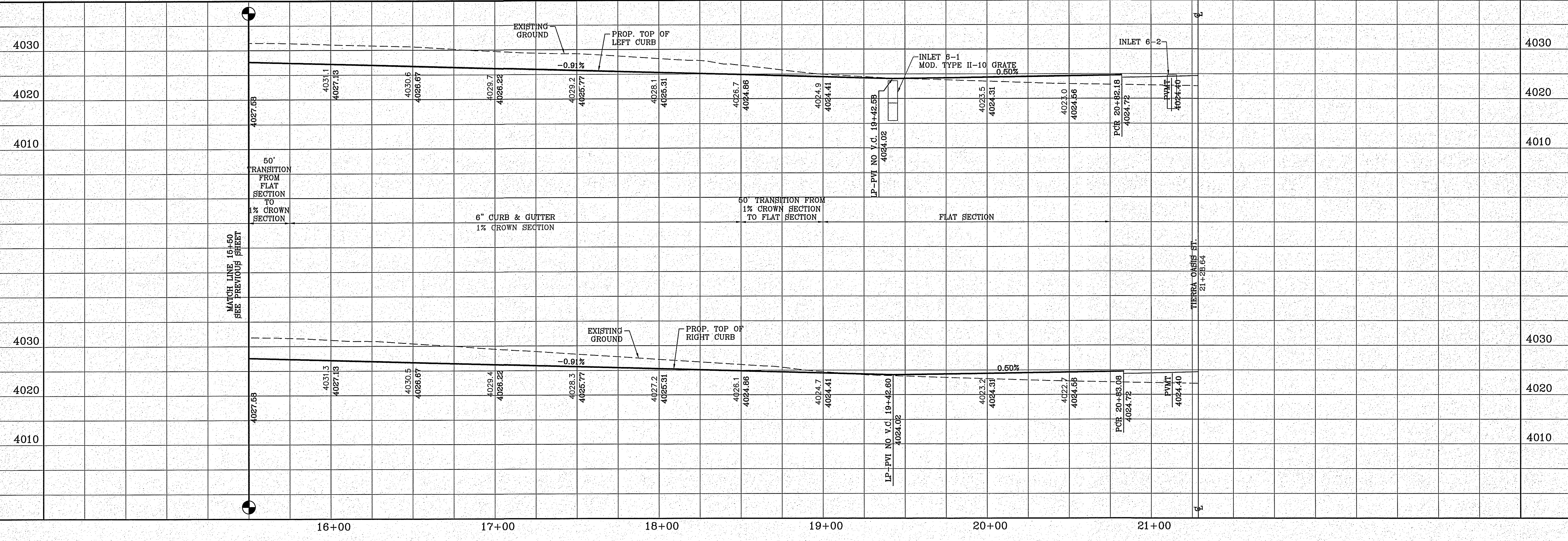
**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 6060 SURVEY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0263  
 FAX: (915) 592-0266



**SHEET TITLE**  
 STREET  
 PLAN-PROFILE

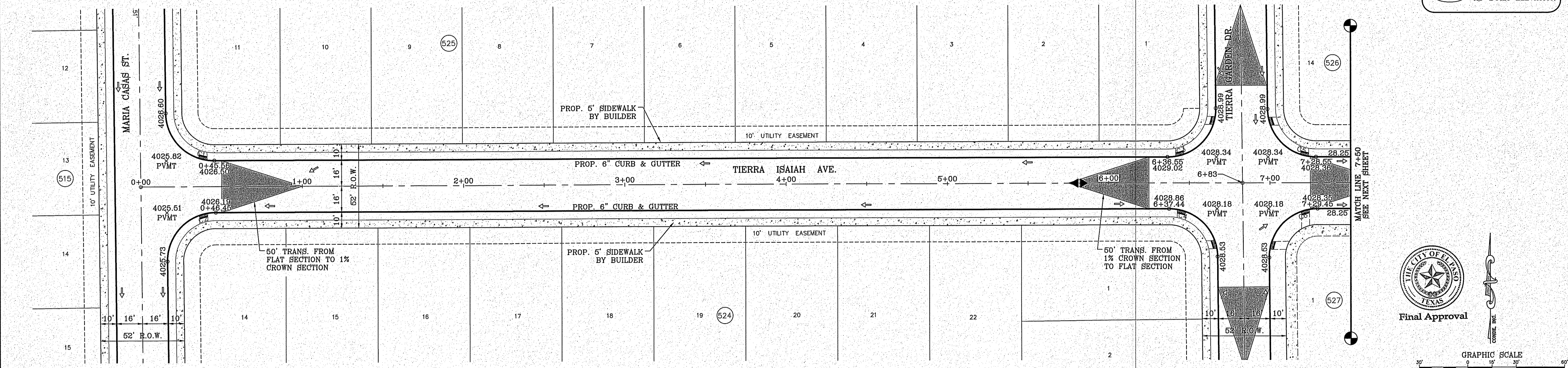
**TIERRA HAVEN**  
 STA: 15+50  
 TO  
 STA: 21+28.64

FILE LOCATION E:\Subdivisions\TDE 81 BY DWG\PP-HAVEN PLOTTED ON Friday, November 2, 2018 2:15:54 PM BY FELIX RODRIGUEZ



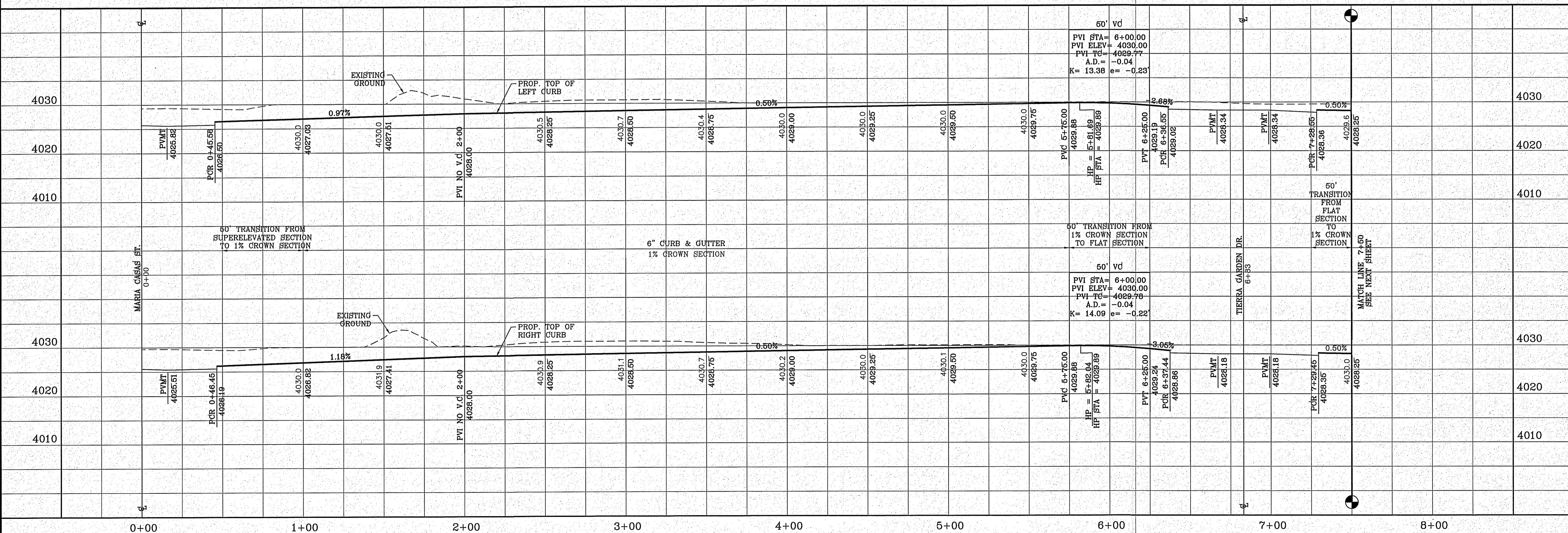
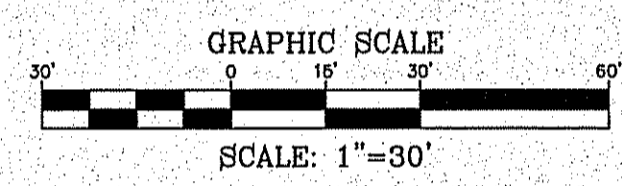
FILE LOCATION: S:\Subdivisions\TDE 81 EVD\DWG\PP-ISAIAH PLOTTED ON Friday, November 2, 2018 2:16:16 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C2	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'10"
C3	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'10"
C4	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'33"
C5	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C6	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"



**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



BENCHMARK

CITY MOUNTAIN AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

DATE	REVISIONS	BY

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BRING PORTION OF SECTION 48, BLOCK 79 TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 150.327± ACRES

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-59

**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6000 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**SHEET TITLE**  
STREET  
PLAN-PROFILE

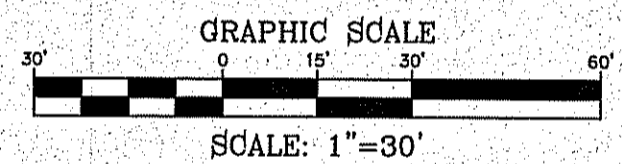
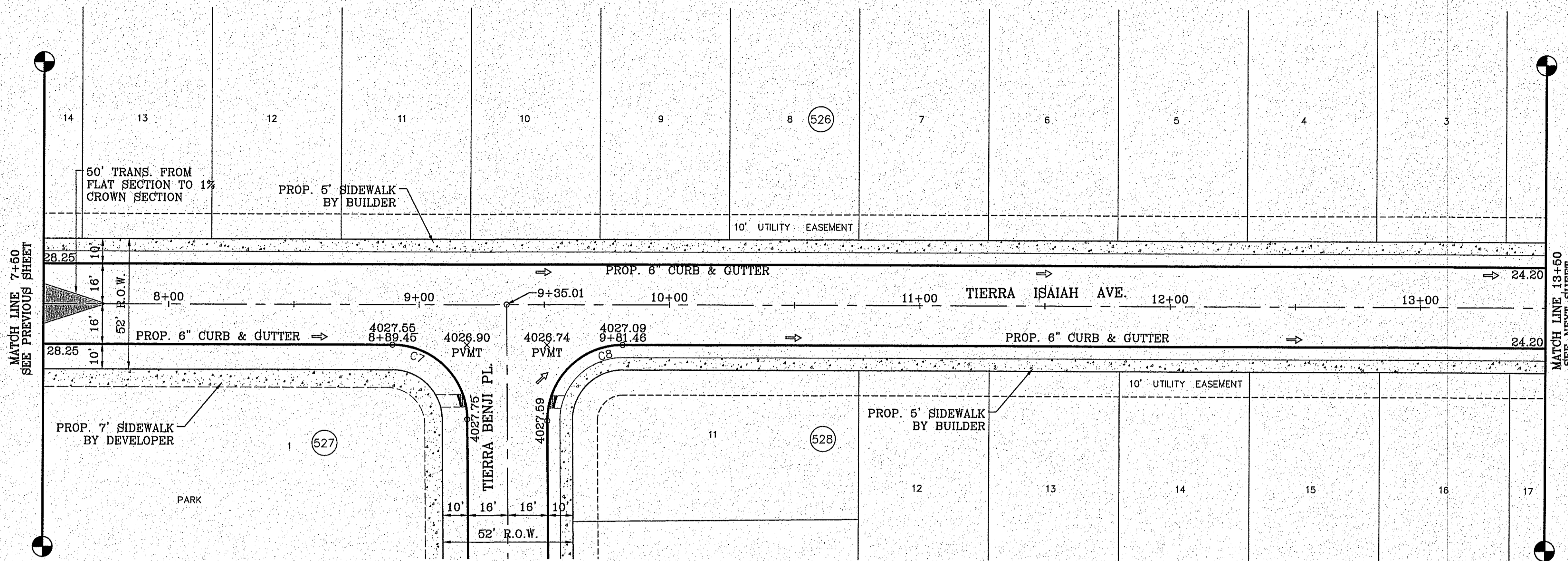
**TIERRA ISAIAH**  
STA: 0+00  
TO  
STA: 7+50

FILE LOCATION S:\Subdivisions\TDE 81\_B\DWG\PP-ISAIAH PLOTTED ON Friday, November 2, 2018 2:16:23 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C7	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C8	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



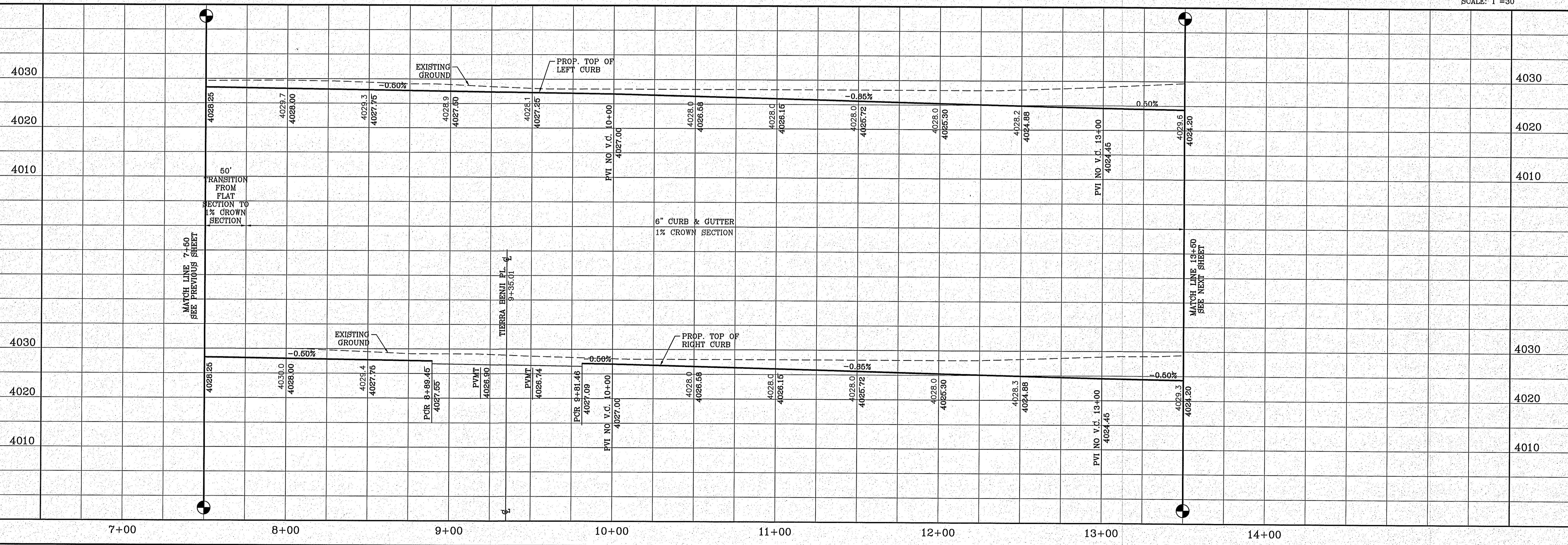
BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE BERRY DRIVE  
ELEVATION = 4023.86 .....N.AVD 88

DATE	REVISIONS	BY

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PART OF SECTION 48, BLOCK 79, SURVEYS, TOWNSHIP 2, TEXAS AND COUNTY OF EL PASO, TEXAS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 1.60327± ACRES



**SCALE**

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: P.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE. 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**SHEET TITLE**  
**STREET PLAN-PROFILE**

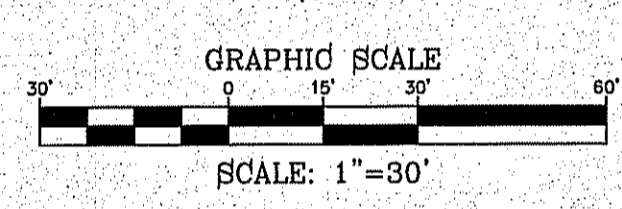
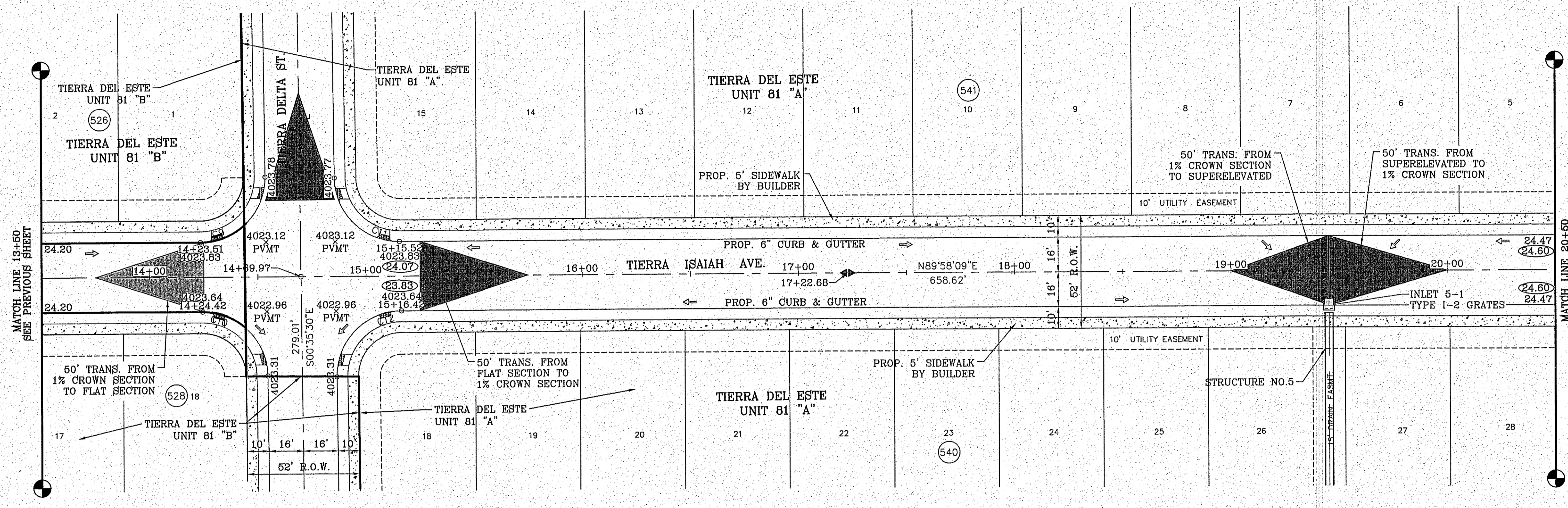
**TIERRA ISAIAH**  
STA: 7+50  
TO  
STA: 13+50

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C9	30.00'	47.42'	30.29'	42.63'	N44°41'20"E	90°33'30"
C10	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'13"
C11	30.00'	46.83'	29.71'	42.22'	S45°18'40"E	89°26'13"
C12	30.00'	47.42'	30.30'	42.63'	S44°41'20"W	90°33'38"

○ DENOTES AS BUILT CONDITION ONLY

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**BENCHMARK**

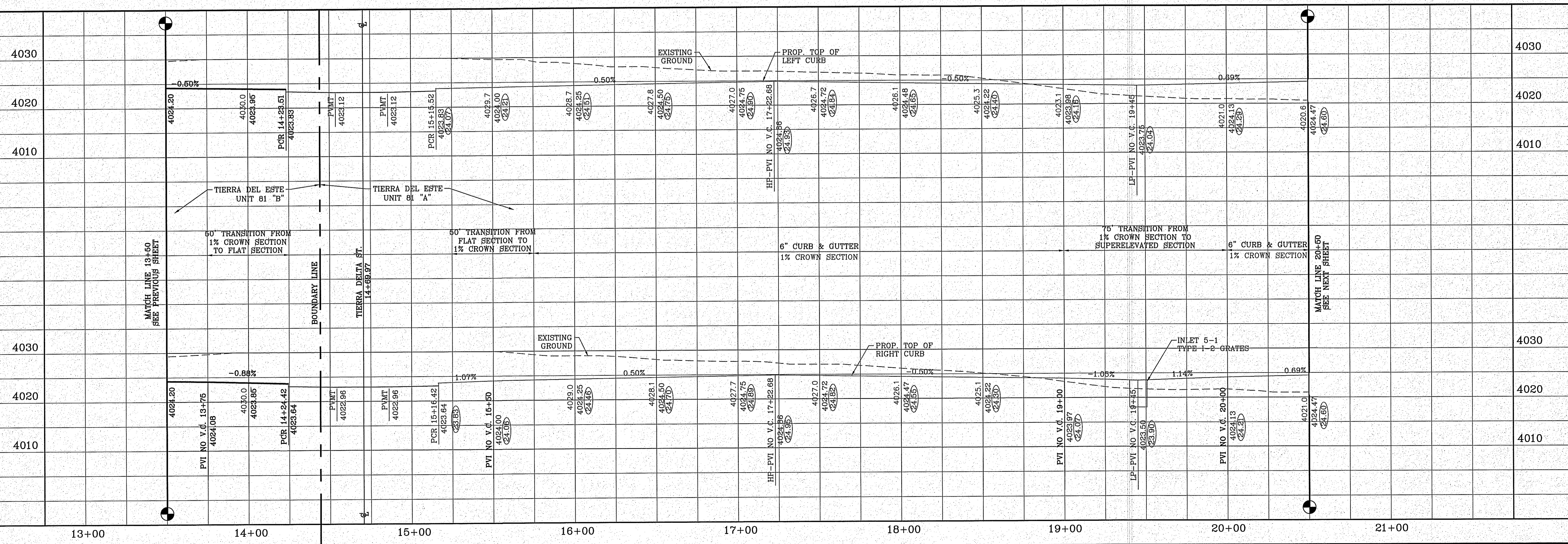
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4025.96 .....MAYD 88

DATE	REVISIONS	BY	E.A.
07/19/18			

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 78, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-ISAIAH PLOTTED ON Friday, November 2, 2018 2:16:32 PM BY FELIX RODRIGUEZ



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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

**ENGINEER'S SEAL**

*[Signature]*

CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



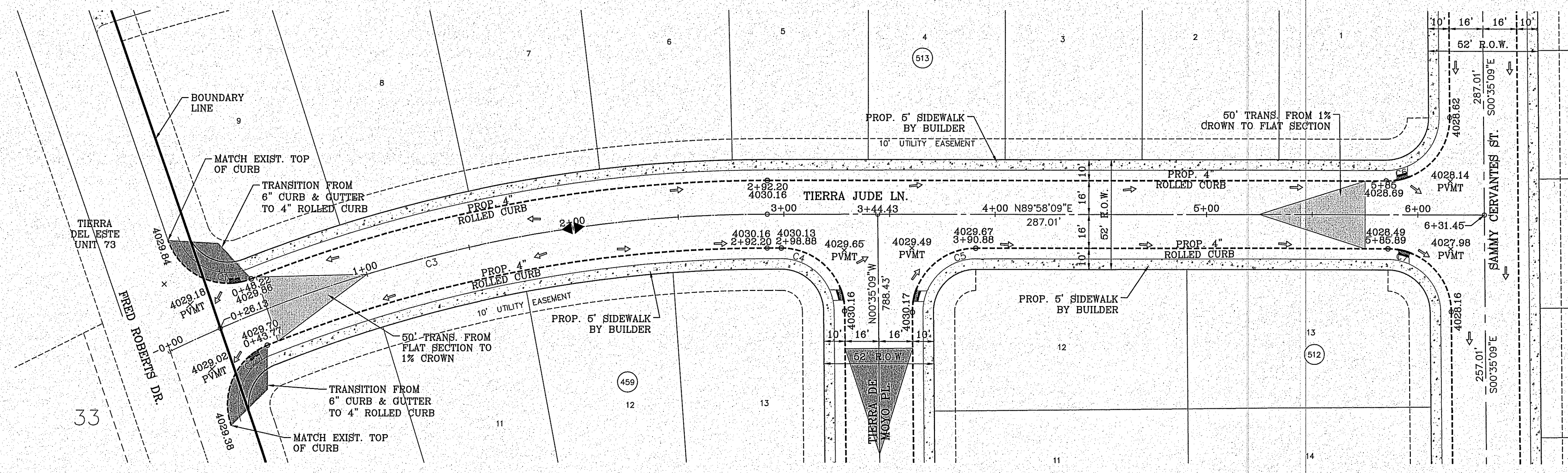
**SHEET TITLE**  
STREET  
PLAN-PROFILE

**TIERRA ISAIAH**  
STA: 13+50  
TO  
STA: 20+50

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	48.46'	31.37'	43.36'	S65°15'30"E	92°33'24"
C2	30.00'	45.88'	28.78'	41.54'	S24°15'33"W	87°37'23"
C3	650.00'	266.07'	134.92'	264.22'	S78°14'33"W	23°27'12"
C4	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C5	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C6	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"
C7	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"

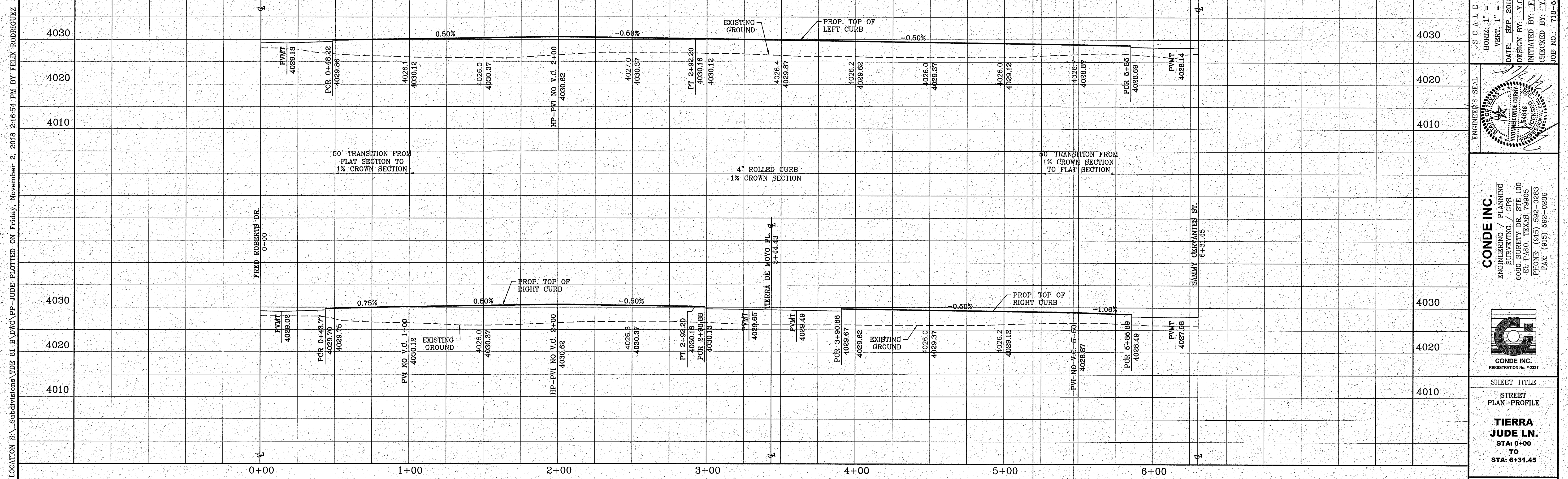
**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**Final Approval**

GRAPHIC SCALE  
SCALE: 1"=30'



FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-JUDE PLOTTED ON Friday, November 2, 2018 2:16:54 PM BY FELIX RODRIGUEZ

**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327+ ACRES

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 692-0286

**TIERRA JUDE LN.**  
STA: 0+00  
TO  
STA: 6+31.45

SHT 54 OF 100

**SCALE**  
HORIZ: 1" = 30'  
VERT: 1" = 10'  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

**ENGINEER'S SEAL**

**CONDE INC.**  
REGISTRATION No. F-2321

**SHEET TITLE**  
STREET  
PLAN-PROFILE

**TIERRA JUDE LN.**  
STA: 0+00  
TO  
STA: 6+31.45

**SHT 54 OF 100**

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION

**LEGEND**

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- WEDGE RAMP
- RAMP AT PARK
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**LEGEND**

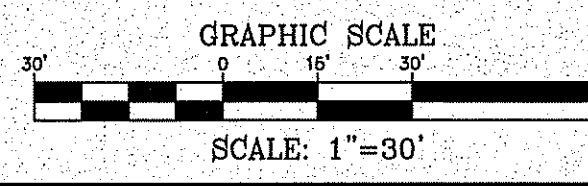
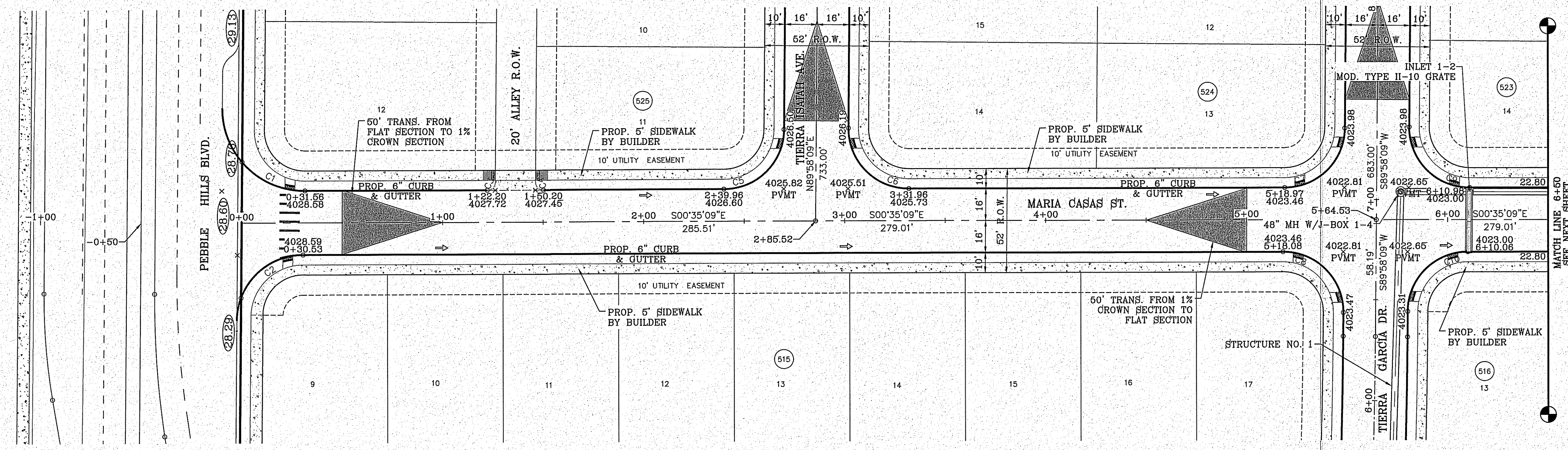
- DIRECTIONAL RAMP

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	41.00'	64.80'	41.40'	58.26'	S44°41'30"W	90°33'18"
C2	33.00'	51.52'	32.68'	46.44'	N45°18'30"E	89°26'42"
C3	4.00'	6.24'	3.96'	5.63'	S45°18'30"E	89°26'42"
C4	4.00'	6.32'	4.04'	5.68'	S44°41'30"W	90°33'18"
C5	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C6	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C7	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"

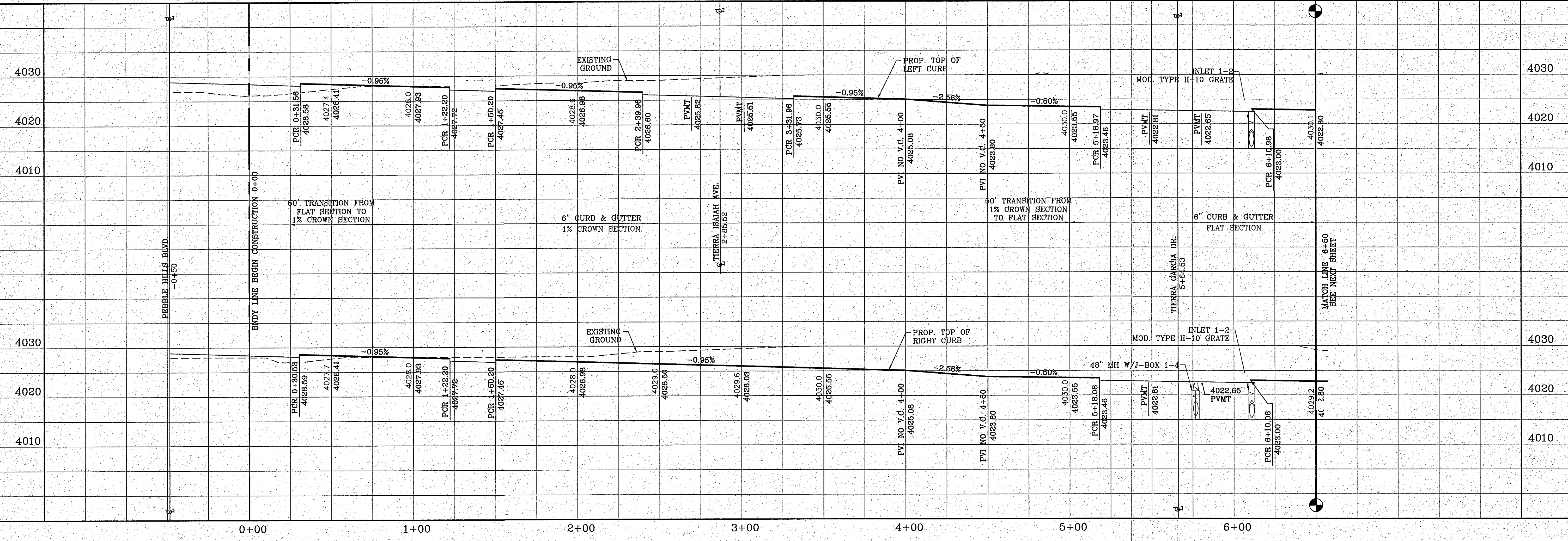
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C8	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"
C9	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C10	30.00'	46.83'	29.71'	42.22'	N45°18'30"E	89°26'42"

**LEGEND**

- DIRECTIONAL RAMP
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- FLOW DIRECTION
- AS-BUILT ELEVATION



FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-MARIA CASAS PLOTTED ON Friday, November 2, 2018 2:18:44 PM BY FELIX RODRIGUEZ



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

DATE	REVISIONS	BY

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

ENGINEER'S SEAL

CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS  
6080 STOREY DR STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

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

CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS  
6080 STOREY DR STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
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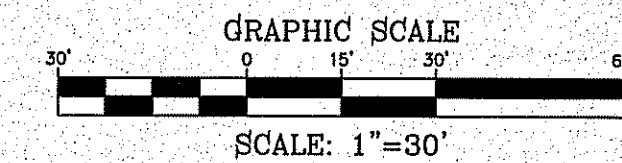
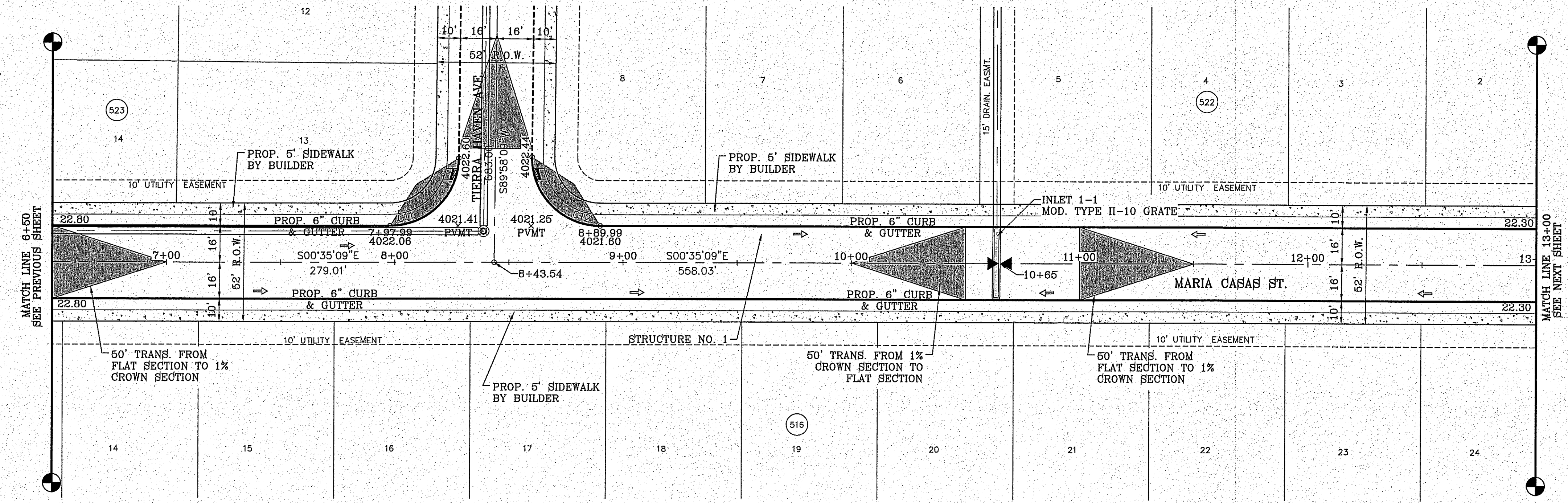
SHEET TITLE  
**MARIA CASAS ST**  
STA: 0+00  
TO  
STA: 6+50

SHT 55 OF 100

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C11	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C12	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"

**LEGEND**

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BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

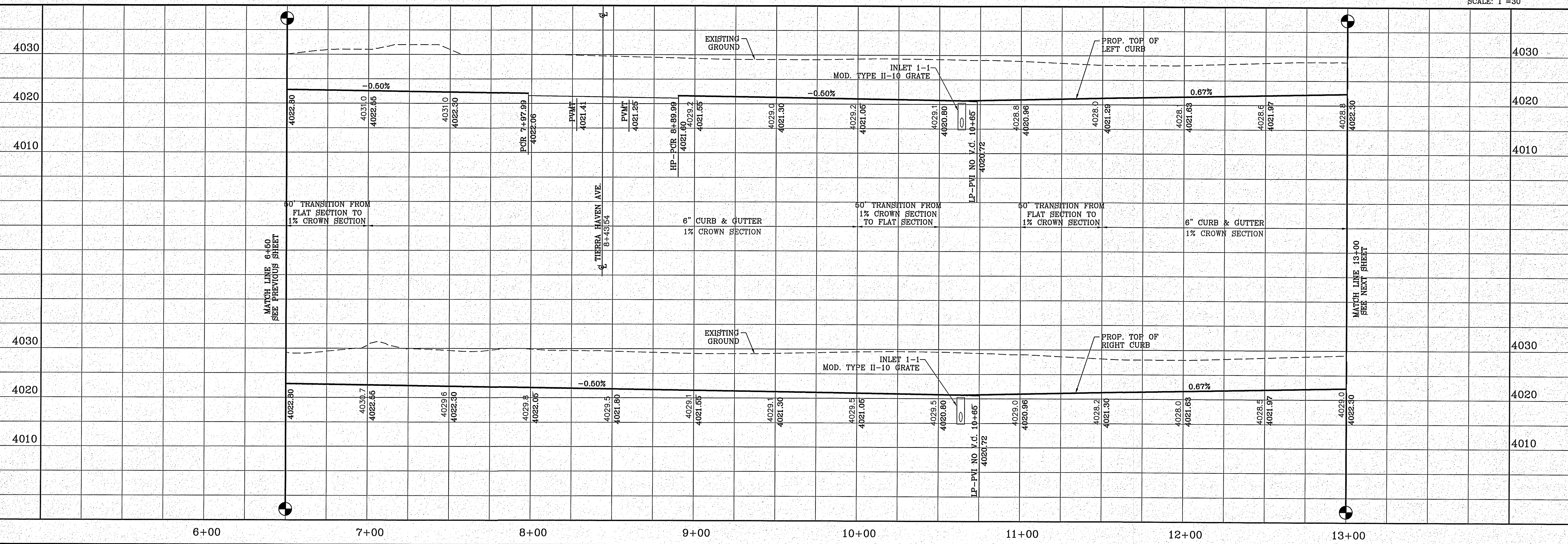
DATE	REVISIONS	BY

**PROJECT NAME**

**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 78, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES

FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-MARIA CASAS PLOTTED ON Friday, November 2, 2018 2:18:53 PM BY FELIX RODRIGUEZ



**SCALE**

HORIZ. 1" = 30'

VERT. 1" = 10'

DATE: SEP. 2018

DESIGN BY: Y.C.

INITIATED BY: F.F.

CHECKED BY: Y.C.

JOB NO.: 719-56

ENGINEER'S SEAL

**CONDE INC.**

ENGINEERING / PLANNING  
SURVEYING / GPS

6080 SURVEY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0255  
FAX: (915) 592-0266



**SHEET TITLE**

STREET  
PLAN-PROFILE

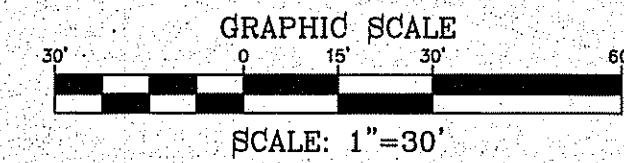
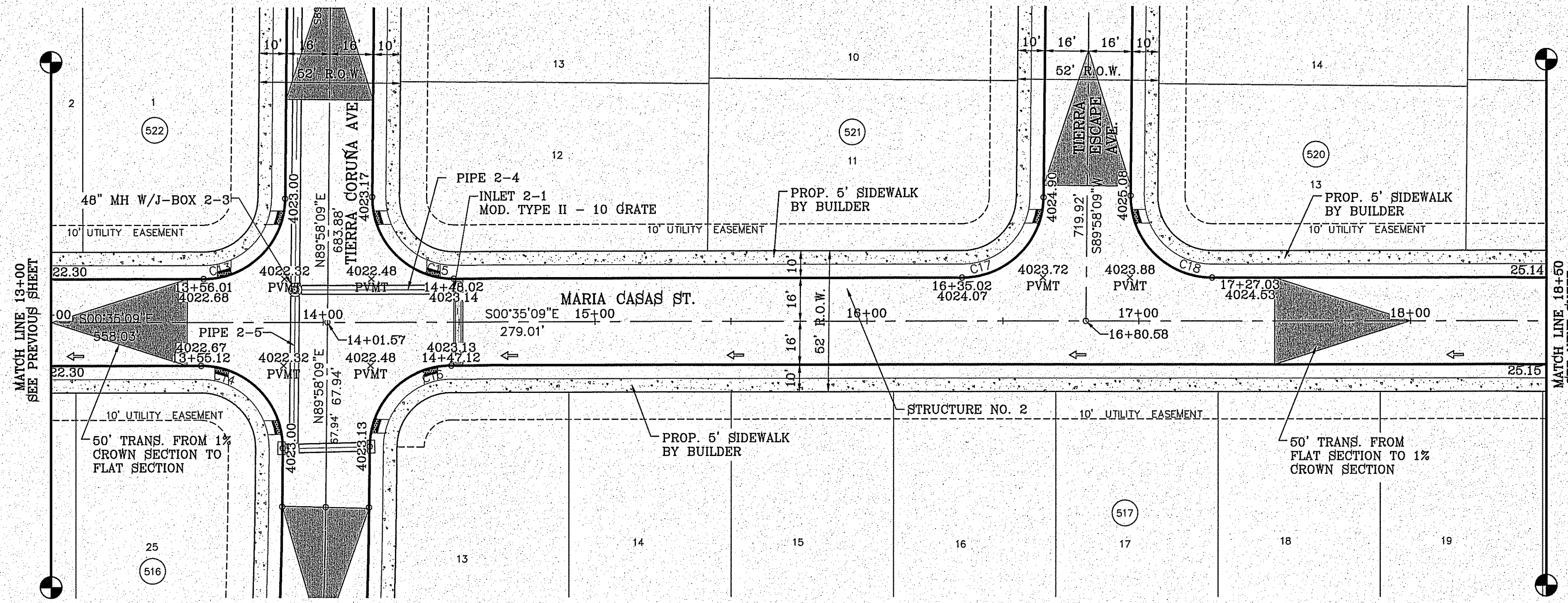
**MARIA CASAS ST**  
STA: 6+50  
TO  
STA: 13+00



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C13	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C14	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"
C15	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"
C16	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C17	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C18	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"

**LEGEND**

- DIRECTIONAL RAMP
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BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF  
HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

REVISIONS

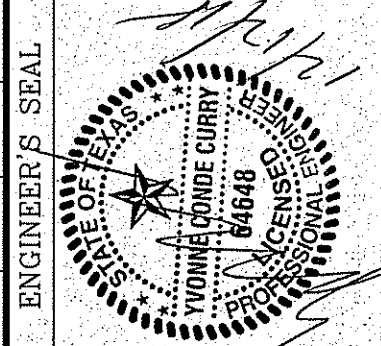
DATE

PROJECT NAME  
**TERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING: 160.827± ACRES

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58



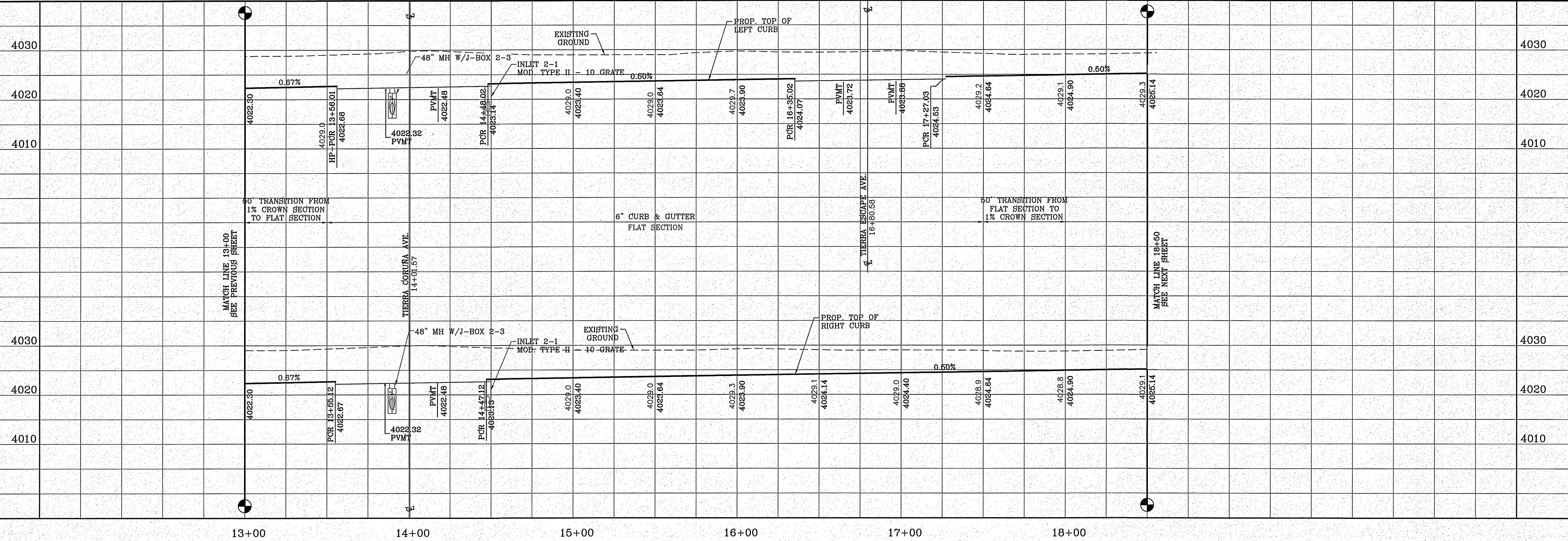
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GFS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



SHEET TITLE  
STREET  
PLAN-PROFILE

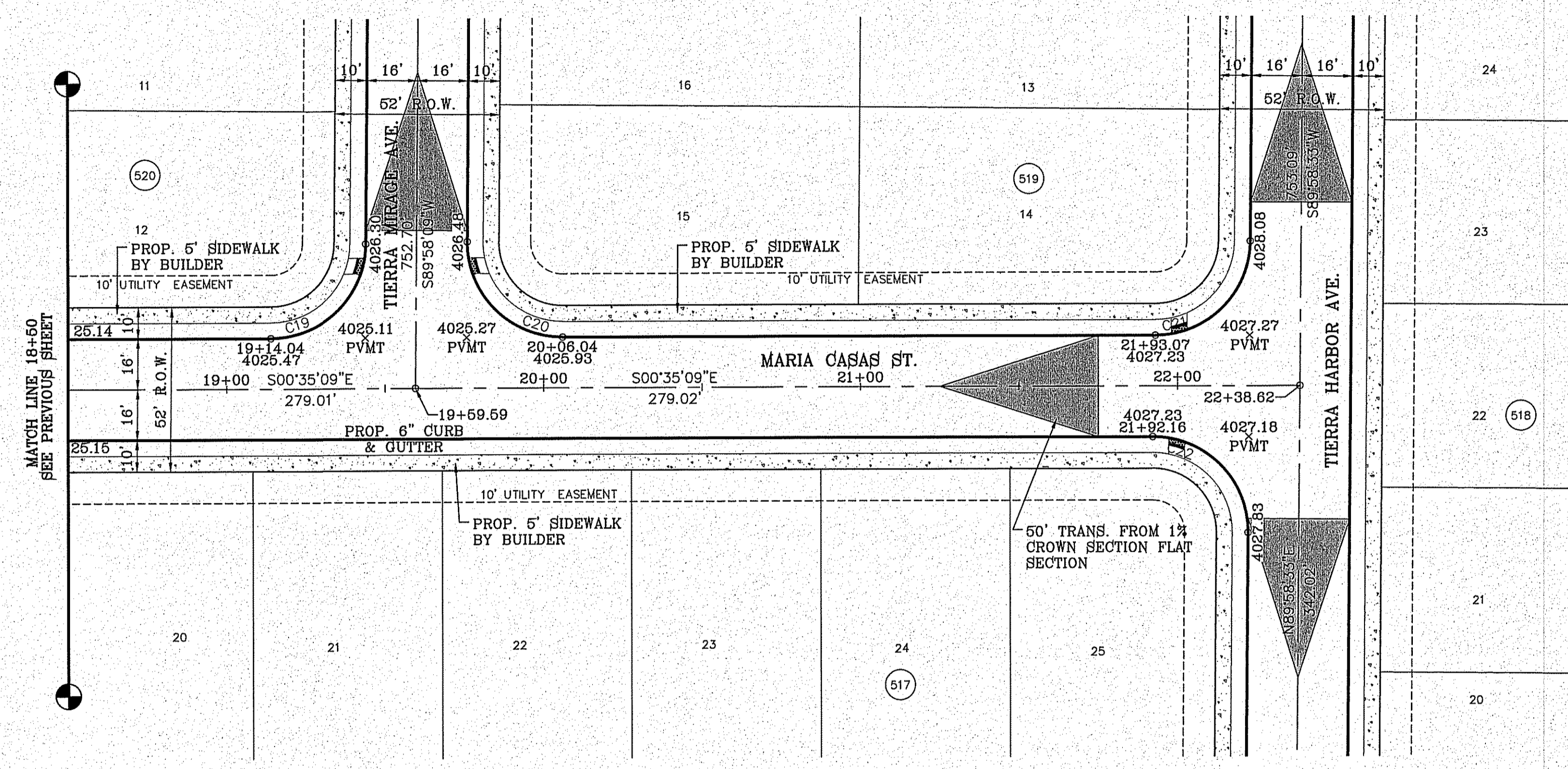
**MARIA CASAS ST**  
STA: 13+00  
TO  
STA: 18+50

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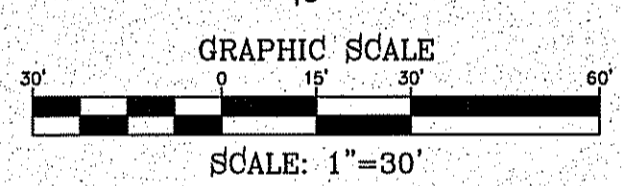
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CURVE TABLE					
CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C19	30.00'	46.83'	29.71'	42.22'	S45°18'30"E 89°26'42"
C20	30.00'	47.41'	30.29'	42.63'	S44°41'30"W 90°33'18"
C21	30.00'	46.83'	29.71'	42.22'	S45°18'18"E 89°26'17"
C22	30.00'	47.42'	30.30'	42.63'	N44°41'42"E 90°33'43"



**LEGEND**

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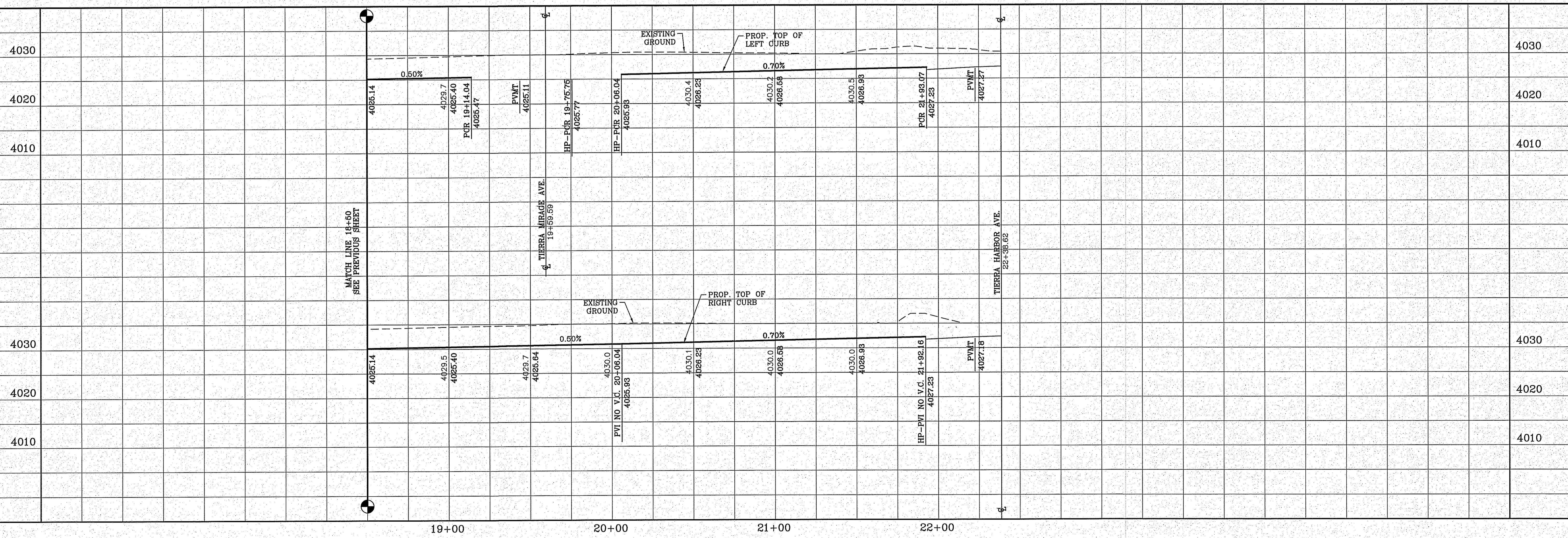


**BENCHMARK**  
 CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
 ELEVATION = 4025.96 .....NAVD 88

DATE: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ BY: \_\_\_\_\_

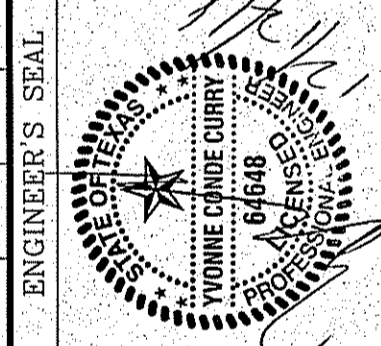
**PROJECT NAME**  
**TERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS  
 CONTAINING: 160.327± ACRES



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

DATE: SEP. 2018  
 DESIGN BY: Y.C.  
 INITIATED BY: F.R.  
 CHECKED BY: Y.C.  
 JOB NO.: 718-68



**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 6080 SURETY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0283  
 FAX: (915) 592-0286



**SHEET TITLE**  
 STREET  
**MARIA CASAS ST**  
 STA: 18+50  
 TO  
 STA: 22+38.62

FILE LOCATION: s:\Subdivisions\TDE 81 B\DWG\PP-MIKE PRICE PLOTTED ON Friday, November 2, 2018 2:19:54 PM BY FELIX RODRIGUEZ

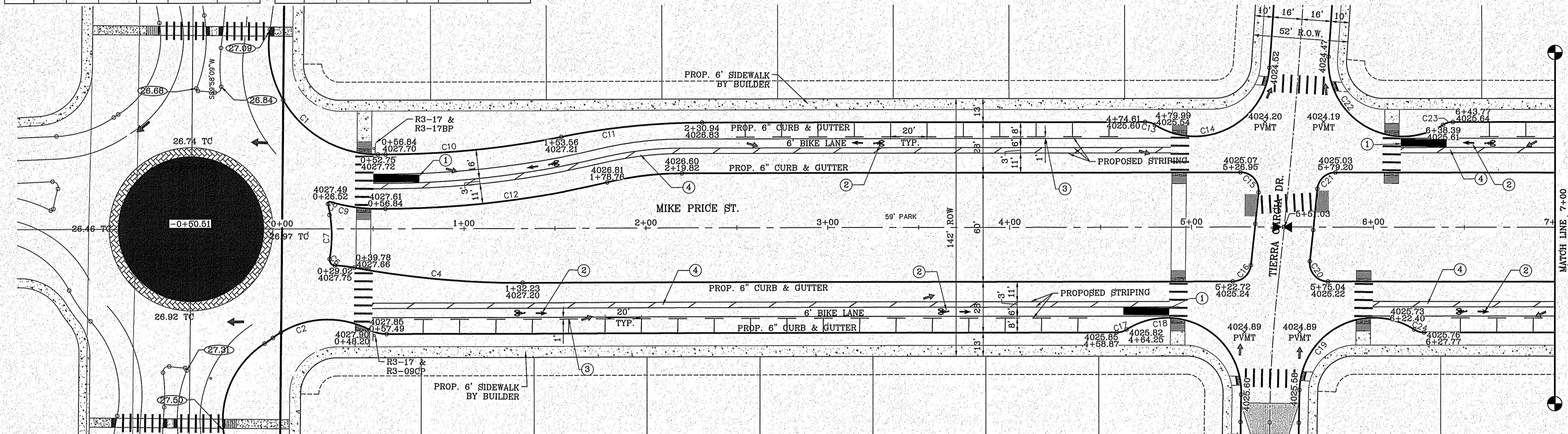
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	60.00'	103.58'	70.14'	91.19'	S48°52'07"W	98°54'32"
C2	50.00'	56.31'	31.57'	53.38'	N51°12'26"W	64°31'49"
C3	20.00'	9.66'	4.92'	9.56'	S13°14'39"W	27°39'38"
C4	500.00'	92.98'	46.63'	92.85'	S44°42'29"W	10°39'18"
C5	80.00'	10.85'	5.43'	10.84'	N61°10'5"E	7°46'07"
C6	3.00'	5.07'	3.38'	4.48'	S50°40'11"W	96°44'20"
C7	76.50'	30.54'	15.48'	30.34'	N87°36'06"E	22°52'30"
C8	1.00'	2.10'	1.74'	1.73'	N43°44'21"W	120°13'35"
C9	94.01'	30.71'	15.49'	30.57'	S6°45'19"W	18°42'55"
C10	500.00'	97.34'	48.82'	97.18'	S6°09'47"E	11°09'14"
C11	400.00'	77.87'	39.06'	77.75'	N6°09'47"W	11°09'14"
C12	530.00'	123.02'	61.79'	122.74'	S71°40'8"E	13°17'56"

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C13	10.00'	5.68'	2.92'	5.60'	N15°40'39"E	32°31'38"
C14	41.00'	84.58'	68.51'	70.36'	S27°09'38"E	118°12'12"
C15	10.00'	16.69'	11.04'	14.82'	N47°14'23"E	95°39'08"
C16	10.00'	14.59'	8.94'	13.33'	S42°22'22"E	83°34'24"
C17	10.00'	5.68'	2.92'	5.60'	S16°50'58"E	32°31'38"
C18	41.00'	88.89'	77.46'	72.47'	N28°59'45"E	124°13'03"
C19	41.00'	86.27'	71.82'	71.21'	N28°20'17"W	120°33'30"
C20	10.00'	16.81'	11.17'	14.90'	S47°34'19"W	96°18'57"
C21	10.00'	14.74'	9.07'	13.44'	N42°48'32"W	84°26'45"
C22	41.00'	90.66'	81.68'	73.29'	S30°13'54"W	126°41'22"
C23	10.00'	5.68'	2.92'	5.60'	N16°50'58"W	32°31'38"
C24	10.00'	5.68'	2.92'	5.60'	S15°40'39"W	32°31'38"

- STRIPING KEYED NOTES**
- 25' LONG COLORED GREEN RESIN TO DISCOURAGE MOTORISTS FROM CROSSING BIKE PATH.
  - MUTCD FIG. 9C-3 SHALL BE USED TO DEFINE THE BIKE LANE. SEE SHEET 110
  - STRIPING FOR THE BIKE LANE TO HAVE A 1 FOOT BUFFER TO REDUCE DOOR ZONE CONFLICTS.
  - THE BUFFER SHALL BE MARKED WITH 2 SOLID WHITE LINES WITH DIAGONAL HATCHING.
  - FOR COMPLETE PATH OF TRAVEL REFER TO LANDSCAPE PLANS.

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



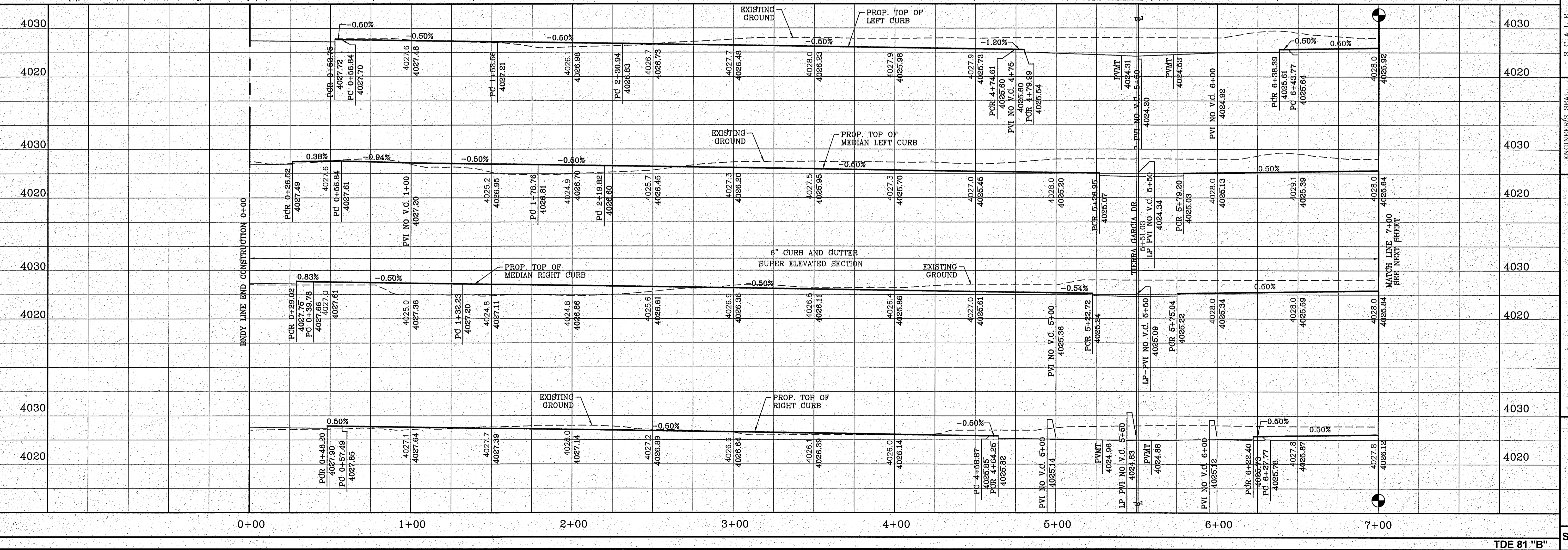
**LEGEND**

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION

**THE CITY OF EL PASO**  
Texas  
Final Approval

GRAPHIC SCALE  
SCALE: 1"=30'



**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

**BENCHMARK**  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 86

**DATE**  
SEP. 2018

**DESIGN BY**  
Y.C.

**INITIATED BY**  
Y.C.

**CHECKED BY**  
Y.C.

**JOB NO.**  
718-68

**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
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**REGISTRATION NO. F-2317**

**SHEET TITLE**  
STREET  
PLAN-PROFILE  
**MIKE PRICE ST.**  
STA: 0+00  
TO  
STA: 7+00

**SHT 59 OF 100**

FILE LOCATION: s:\subdivisions\TDE 81 B\DWG\PP-MIKE PRICE PLOTTED ON Friday, November 2, 2018 2:20:06 PM BY FELIX RODRIGUEZ

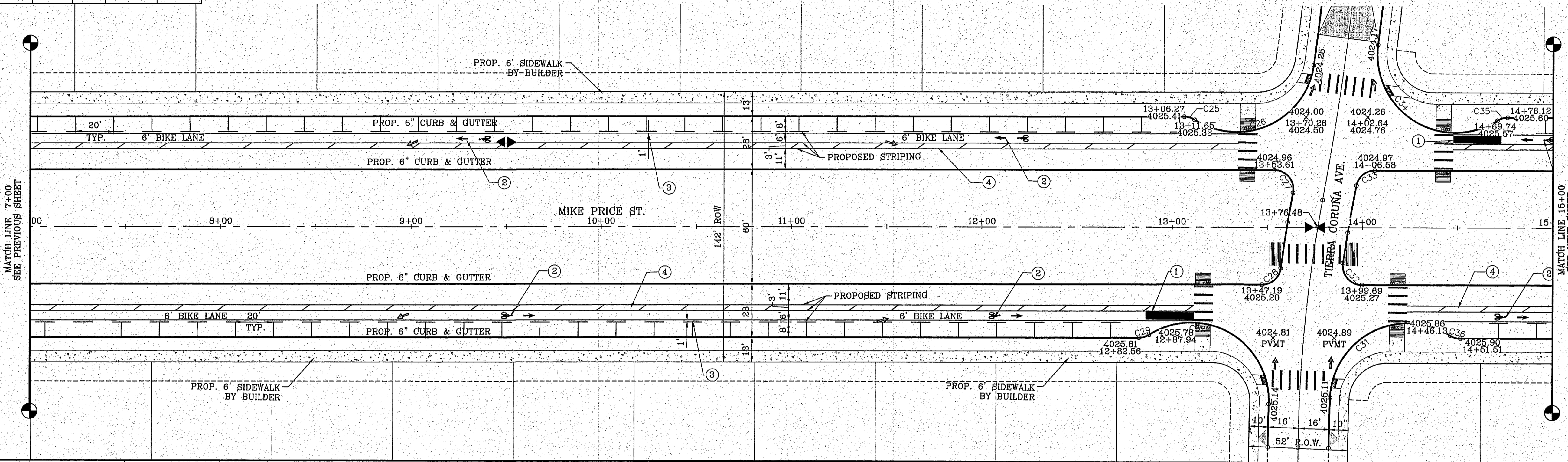
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C25	10.00'	5.66'	2.92'	5.60'	N15°40'39"E	32°31'38"
C26	41.00'	82.05'	63.93'	69.03'	S25°23'14"E	114°39'24"
C27	10.00'	17.56'	12.05'	15.39'	N49°42'56"E	100°36'11"
C28	10.00'	14.38'	8.75'	13.17'	S41°46'49"E	82°23'19"
C29	10.00'	5.68'	2.92'	5.60'	S16°50'58"E	32°31'38"
C30	41.00'	89.29'	78.40'	72.66'	N29°16'45"E	124°47'04"
C31	41.00'	85.80'	70.87'	70.98'	N28°00'29"W	119°53'54"
C32	10.00'	17.13'	11.54'	15.11'	S48°29'42"W	98°09'42"
C33	9.87'	13.71'	8.22'	12.63'	N39°41'22"W	79°35'27"
C34	41.00'	92.90'	87.56'	74.26'	S31°47'46"W	129°49'05"
C35	10.00'	5.68'	2.92'	5.60'	N16°50'58"W	32°31'38"
C36	10.00'	5.68'	2.92'	5.60'	S15°40'39"W	32°31'38"

**STRIPING KEYED NOTES**

- 25' LONG COLORED GREEN RESIN TO DISCOURAGE MOTORISTS FROM CROSSING BIKE PATH.
- MUTCD FIG. 9C-3 SHALL BE USED TO DEFINE THE BIKE LANE.
- STRIPING FOR THE BIKE LANE TO HAVE A 1 FOOT BUFFER TO REDUCE DOOR ZONE CONFLICTS.
- THE BUFFER SHALL BE MARKED WITH 2 SOLID WHITE LINES WITH DIAGONAL HATCHING.
- FOR COMPLETE PATH OF TRAVEL REFER TO LANDSCAPE PLANS.

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



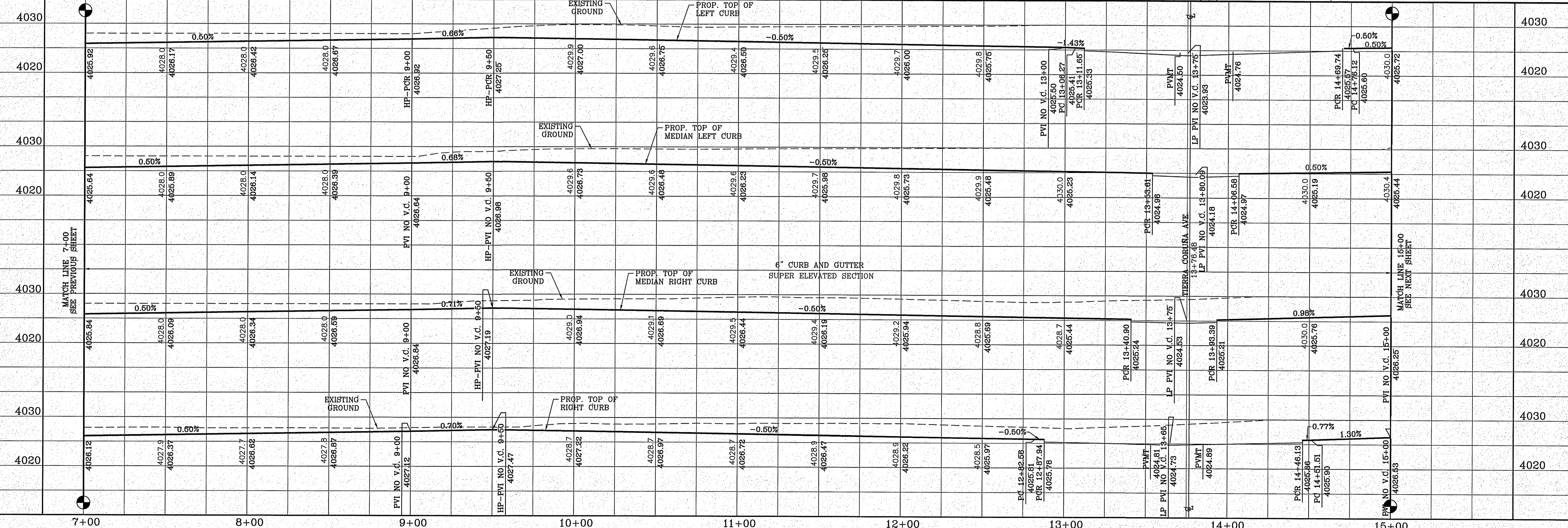
**Final Approval**

UNIVERSITY OF TEXAS

CONDE INC.

GRAPHIC SCALE  
0 15' 30'

SCALE: 1"=30'



**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

**PROJECT NAME**

**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 46, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES

**DATE**

**REVISIONS**

NO.	DATE	DESCRIPTION

**SCALE**

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.

JOB NO.: 718-58

**ENGINEER'S SEAL**

CONDE INC.  
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FAX: (915) 692-0286

**CONDE INC.**  
REGISTRATION No. F-221

**SHEET TITLE**

**STREET PLAN - PROFILE**  
**MIKE PRICE ST.**  
**STA: 7+00 TO STA: 15+00**

**SHT 60 OF 100**

FILE LOCATION S:\Subdivisions\TDE 81 FUNDING\PP-MIKE PRICE PLOTTED ON Friday, November 2, 2018 2:20:18 PM BY FELIX RODRIGUEZ

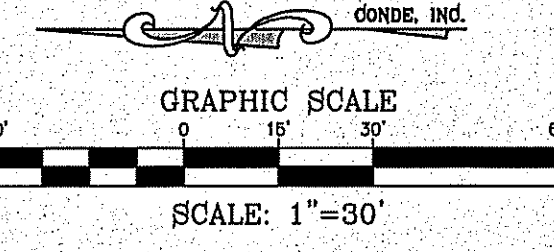
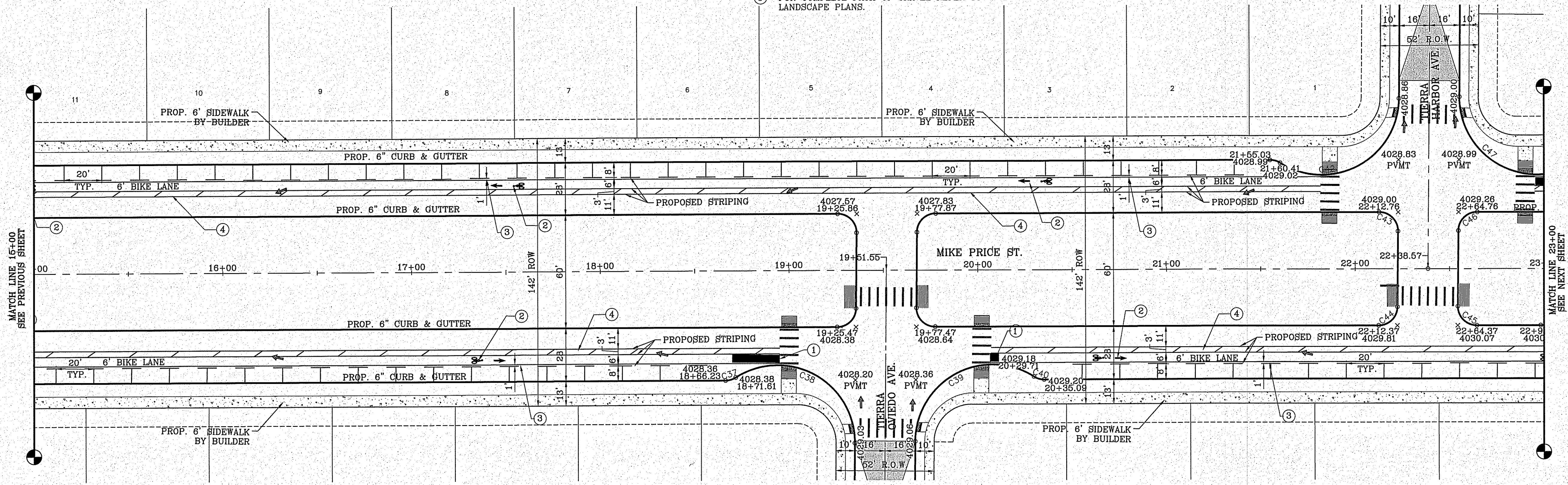
CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C37	10.00'	5.68'	2.92'	5.60'	S16°50'58"E	32°31'38"
C38	41.00'	88.08'	75.65'	72.09'	N28°25'53"E	123°05'20"
C39	41.00'	87.28'	73.91'	71.71'	N29°02'29"W	121°57'55"
C40	10.00'	5.68'	2.92'	5.60'	S15°40'39"W	32°31'38"
C41	10.00'	5.68'	2.92'	5.60'	N15°40'39"E	32°31'38"
C42	41.00'	87.28'	73.91'	71.71'	S29°02'29"E	121°57'55"
C43	10.00'	5.68'	2.92'	5.60'	N44°41'42"E	90°33'43"
C44	10.00'	5.68'	2.92'	5.60'	S45°18'16"E	89°28'17"
C45	10.00'	5.68'	2.92'	5.60'	S44°41'42"W	90°33'43"

**STRIPING KEYED NOTES**

- 25' LONG COLORED GREEN RESIN TO DISCOURAGE MOTORISTS FROM CROSSING BIKE PATH.
- MUTCD FIG. 9C-3 SHALL BE USED TO DEFINE THE BIKE LANE.
- STRIPING FOR THE BIKE LANE TO HAVE A 1 FOOT BUFFER TO REDUCE DOOR ZONE CONFLICTS.
- THE BUFFER SHALL BE MARKED WITH 2 SOLID WHITE LINES WITH DIAGONAL HATCHING.
- FOR COMPLETE PATH OF TRAVEL REFER TO LANDSCAPE PLANS.

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



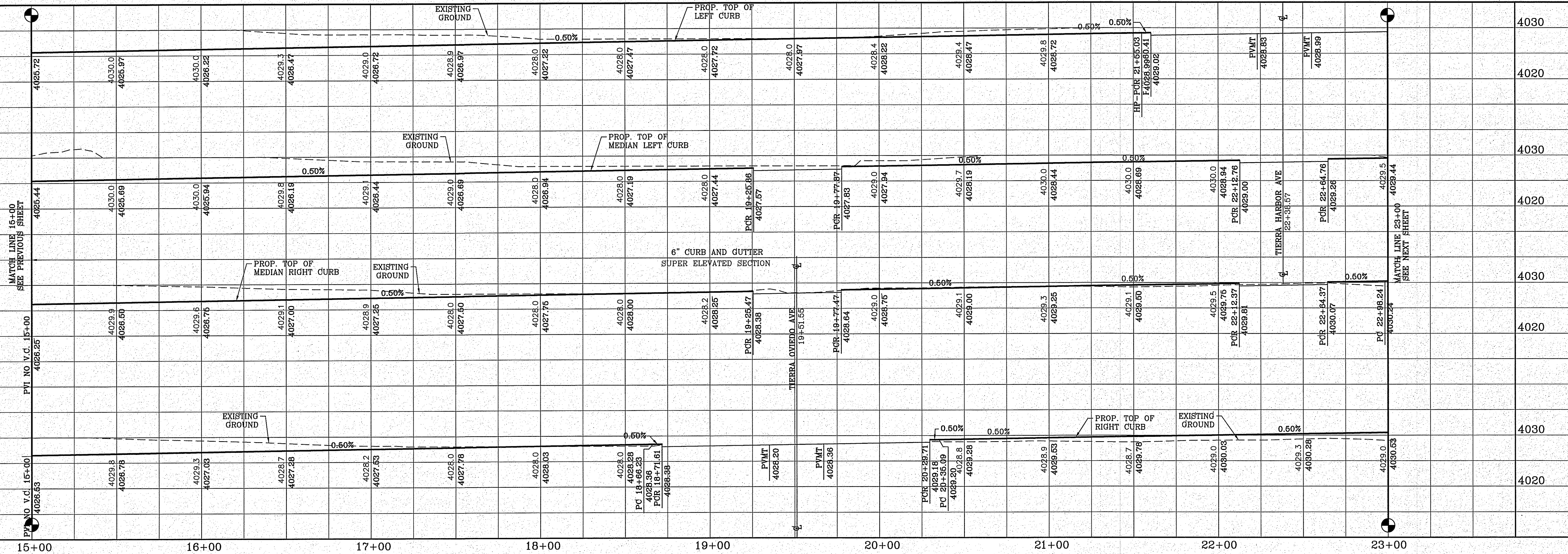
BENCHMARK

CITY MOUNTAIN AT THE CENTRELINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE. ELEVATION = 4023.96 ..... NAVD 88

DATE	REVISIONS	BY

**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, RANGE 10, EL PASO COUNTY, TEXAS. CONTAINING: 160.327± ACRES



**SCALE**

HORIZ: 1"=30'

VERT: 1"=10'

DATE: SEP. 2018

DESIGN BY: Y.C.

INITIATED BY: F.R.

CHECKED BY: Y.C.

JOB NO.: 718-58

ENGINEER'S SEAL

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SURVEYING / GPS

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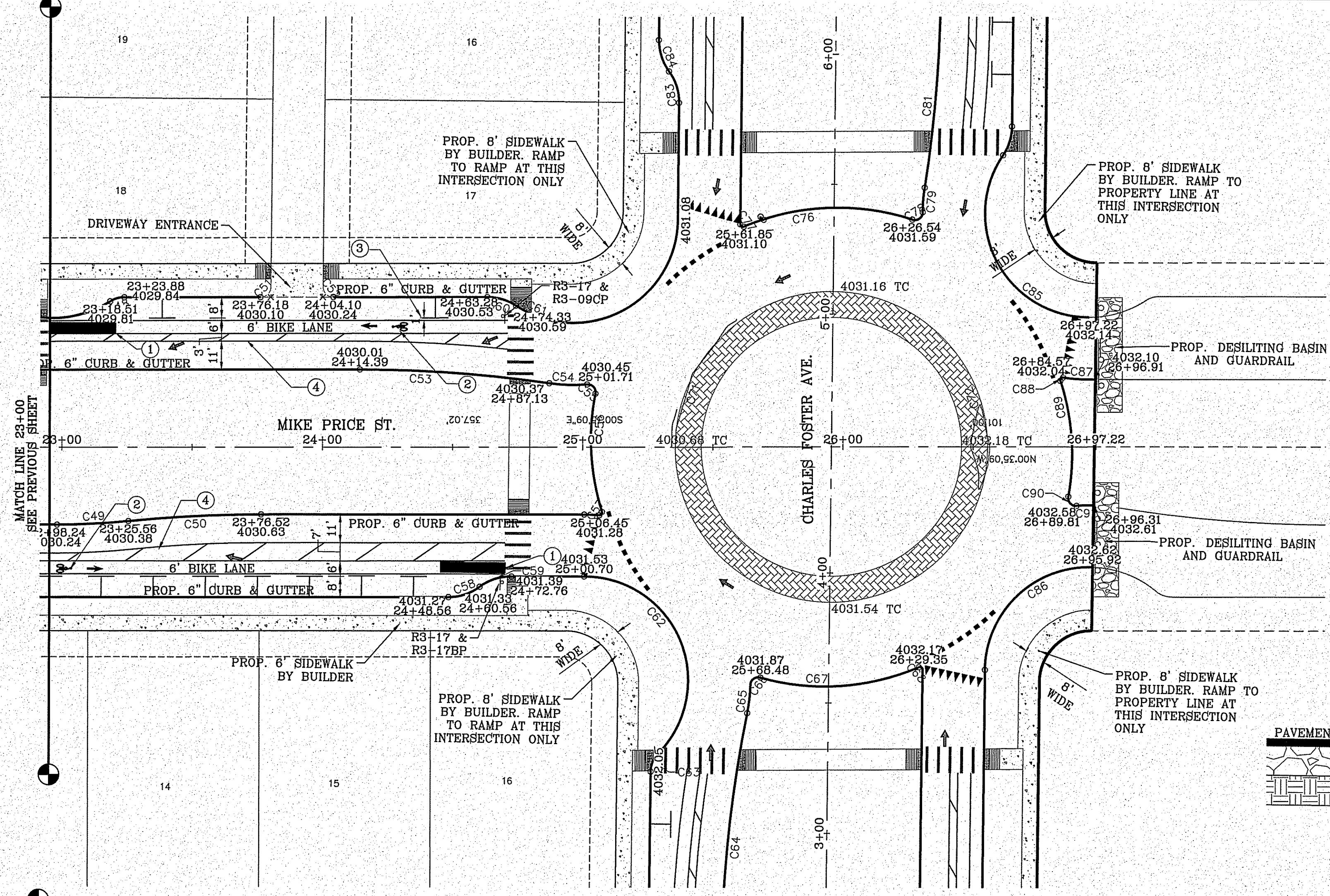
SHEET TITLE

STREET PLAN - PROFILE

**MIKE PRICE ST.**

STA: 15+00 TO STA: 23+00

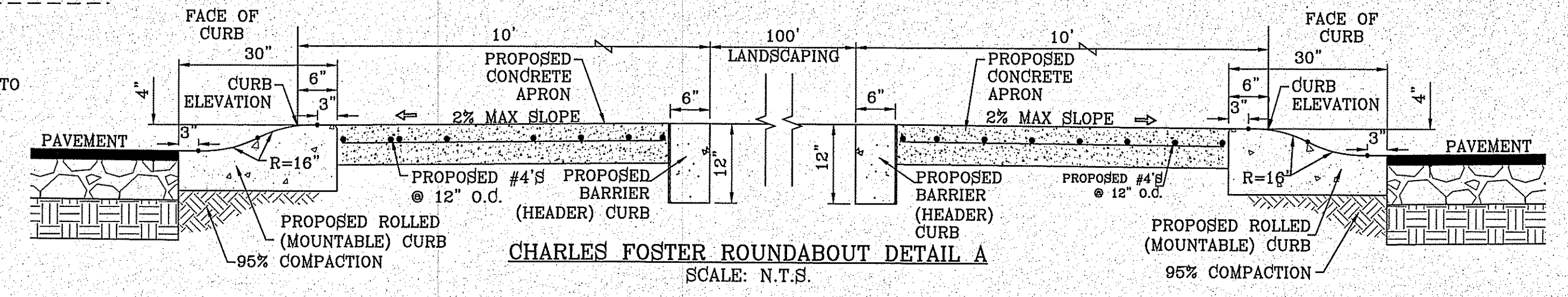
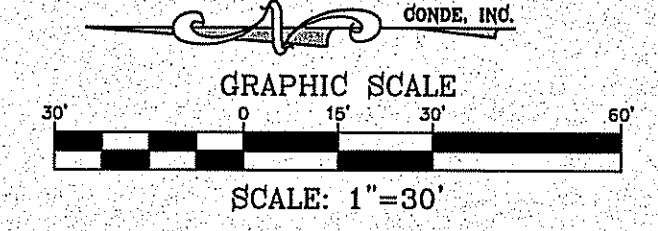
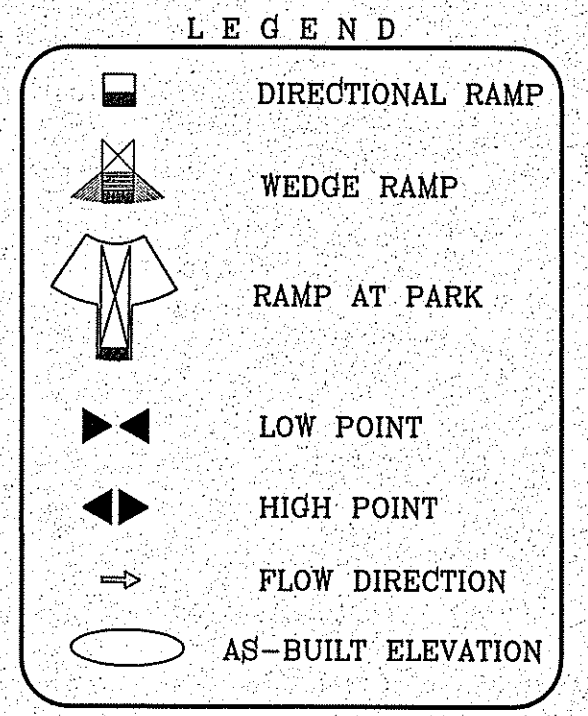
FILE LOCATION S:\Subdivisions\TDE 81 B.DWC\PP-MIKE PRICE PLOTTED ON Friday, November 2, 2018 2:20:32 PM BY FELIX RODRIGUEZ



CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C47	41.00'	88.08'	75.65'	72.09'	S28°25'53"W	123°05'20"
C48	10.00'	5.68'	2.92'	5.60'	N16°50'58"W	32°31'38"
C49	268.00'	27.36'	13.69'	27.35'	S33°30'40"E	5°51'01"
C50	500.00'	51.05'	25.55'	51.03'	N3°30'40"W	5°51'01"
C51	4.00'	6.24'	3.96'	5.63'	S45°18'18"E	89°26'17"
C52	4.00'	6.32'	4.04'	5.68'	S44°41'42"W	90°33'43"
C53	500.00'	73.00'	36.56'	72.93'	N3°35'47"E	8°21'54"
C54	64.00'	14.62'	7.34'	14.59'	S11°40'06"W	13°05'16"
C55	3.00'	5.53'	3.96'	4.78'	N47°32'14"E	105°41'32"
C56	93.00'	46.17'	23.57'	45.69'	S86°09'44"W	28°26'31"
C57	1.00'	1.97'	1.50'	1.66'	S51°44'34"E	112°37'55"
C58	20.00'	12.87'	6.67'	12.65'	S19°01'20"E	36°52'21"
C59	20.00'	13.08'	6.78'	12.84'	N18°43'45"W	37°27'30"
C60	20.00'	11.71'	6.03'	11.55'	N16°11'34"E	33°33'26"
C61	40.00'	85.87'	73.66'	70.30'	S28°31'35"E	122°59'44"
C62	40.00'	93.90'	95.41'	73.78'	N66°40'04"E	134°30'26"
C63	10.00'	7.67'	4.03'	7.48'	N68°03'05"W	43°56'44"
C64	500.00'	93.30'	46.78'	93.16'	N84°33'51"W	10°41'27"
C65	64.00'	10.68'	5.45'	10.86'	S84°05'14"E	9°44'13"
C66	3.01'	5.45'	3.83'	4.73'	N36°54'16"W	103°46'18"
C67	91.50'	62.18'	32.35'	61.00'	S41°9'23"E	38°56'21"
C68	1.00'	1.99'	1.53'	1.68'	N33°05'30"E	113°46'06"
C69	513.51'	50.88'	25.46'	50.86'	S87°00'10"W	5°40'39"
C71	60.00'	188.50'	INFINITY	120.00'	S89°58'33"W	180°00'00"
C72	60.00'	188.50'	INFINITY	120.00'	N89°58'33"E	180°00'00"
C76	94.21'	66.09'	34.47'	64.74'	N2°46'52"W	40°11'44"

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C77	1.05'	2.19'	1.80'	1.81'	S37°51'51"W	119°32'39"
C78	3.22'	5.68'	3.90'	4.97'	S37°40'28"E	100°54'01"
C79	65.82'	9.27'	4.64'	9.27'	N86°01'16"W	8°04'21"
C80	480.99'	50.89'	25.47'	50.86'	N87°00'10"E	6°03'42"
C81	501.69'	72.82'	36.48'	72.76'	S85°51'31"E	8°19'01"
C82	281.97'	27.20'	13.61'	27.19'	S86°57'40"W	5°31'34"
C83	20.00'	12.87'	6.67'	12.65'	N71°32'27"E	36°52'12"
C84	20.00'	12.87'	6.67'	12.65'	S71°32'27"W	36°52'12"
C85	40.00'	89.40'	82.12'	71.92'	S59°30'16"W	128°03'26"
C86	40.00'	63.70'	40.88'	57.18'	N44°24'00"W	91°14'54"
C87	64.00'	12.38'	6.21'	12.37'	S2°59'02"W	10°21'48"
C88	1.00'	2.04'	1.63'	1.71'	N50°14'12"W	117°05'40"
C89	91.50'	45.21'	23.08'	44.75'	N85°22'18"E	28°18'40"
C90	3.00'	5.47'	3.88'	4.75'	S47°15'38"W	104°31'58"
C91	64.00'	6.50'	3.25'	6.50'	N2°05'43"W	5°49'16"

- STRIPING KEYED NOTES**
- 25' LONG COLORED GREEN RESIN TO DISCOURAGE MOTORISTS FROM CROSSING BIKE PATH.
  - MUTCD FIG. 9C-3 SHALL BE USED TO DEFINE THE BIKE LANE.
  - STRIPING FOR THE BIKE LANE TO HAVE A 1 FOOT BUFFER TO REDUCE DOOR ZONE CONFLICTS.
  - THE BUFFER SHALL BE MARKED WITH 2 SOLID WHITE LINES WITH DIAGONAL HATCHING.
  - FOR COMPLETE PATH OF TRAVEL REFER TO LANDSCAPE PLANS.



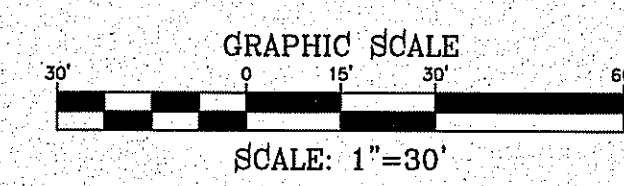
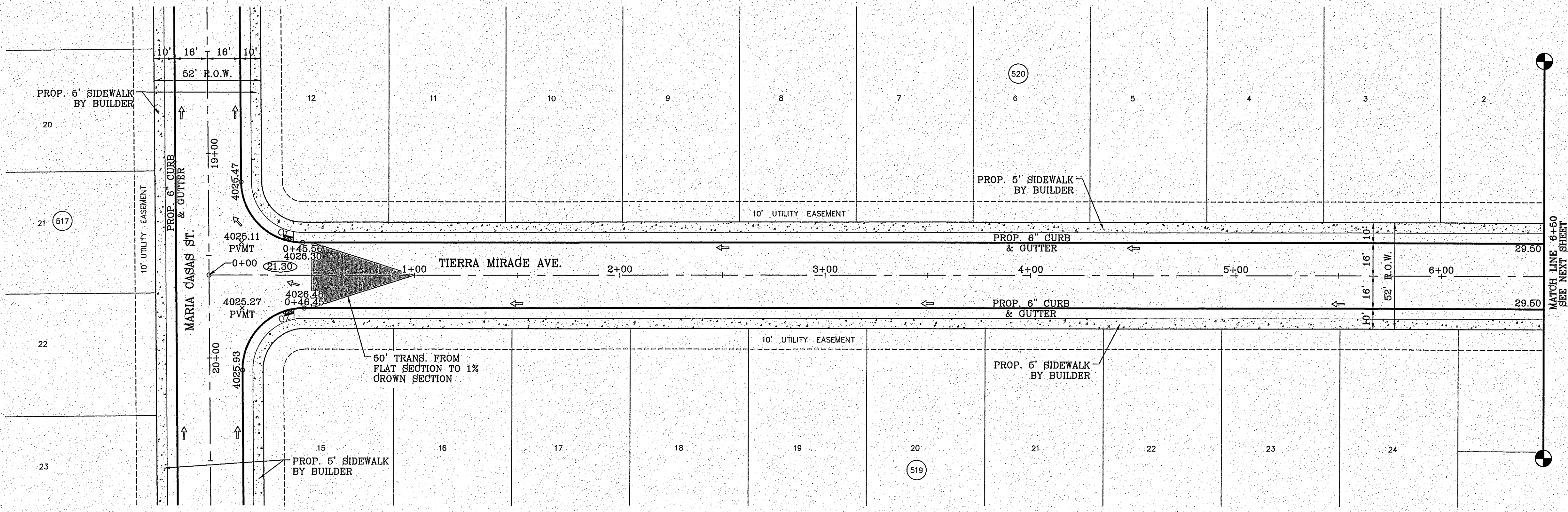
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23+00	4029.0	EXISTING GROUND	26+00	4031.6	PROP. TOP OF LEFT CURB
23+00	4029.5	PROP. TOP OF LEFT CURB	26+00	4031.8	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
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23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	EXISTING GROUND	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.4	PROP. TOP OF LEFT CURB	26+00	4032.1	PROP. TOP OF LEFT CURB
23+00	4029.				

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C2	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"

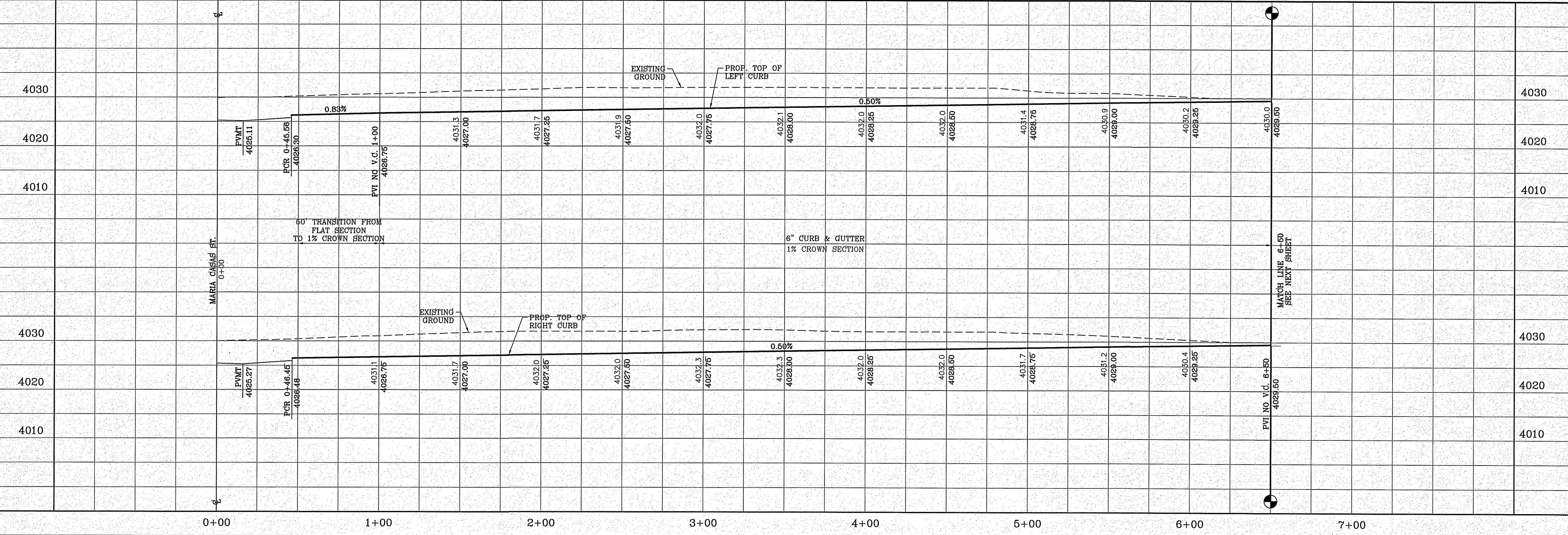
○ DENOTES AS BUILT CONDITION ONLY

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-MIRAGE PLOTTED ON Friday, November 2, 2018 2:20:57 PM BY FELIX RODRIGUEZ



**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

**REVISIONS**

DATE	BY	E.A.
07/20/18	AS BUILTS	

**PROJECT NAME**

**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES

**SCALE**

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6050 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**SHEET TITLE**

STREET  
PLAN-PROFILE

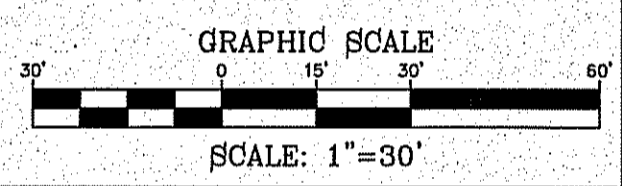
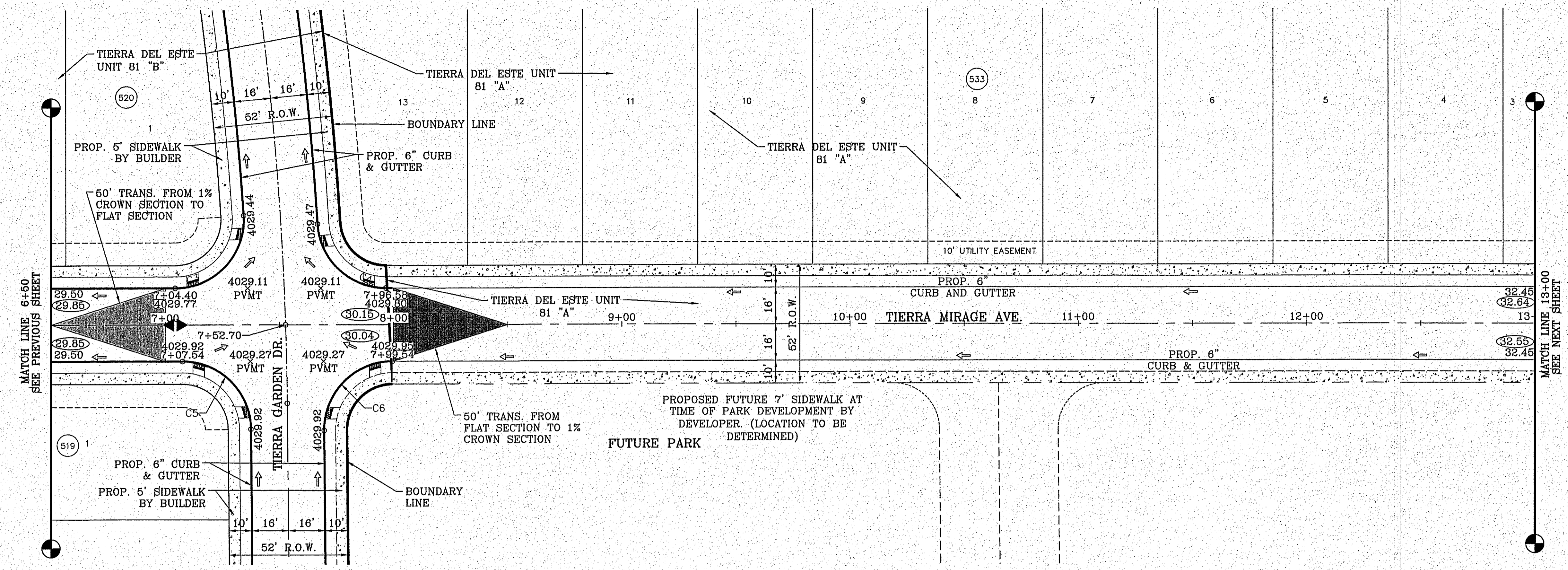
**TIERRA MIRAGE AVE.**  
STA: 0+00  
TO  
STA: 6+50

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C3	30.00'	48.08'	30.97'	43.10'	N44°03'11"E	91°49'55"
C4	30.01'	45.28'	28.21'	41.10'	S46°47'25"E	86°27'41"
C5	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'42"
C6	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'03"

○ DENOTES AS BUILT CONDITION ONLY

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

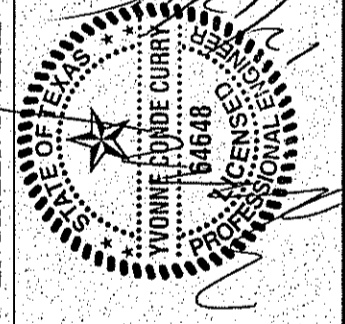
DATE	REVISIONS	BY	E.A.
07/20/18	AS BUILTS		

**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

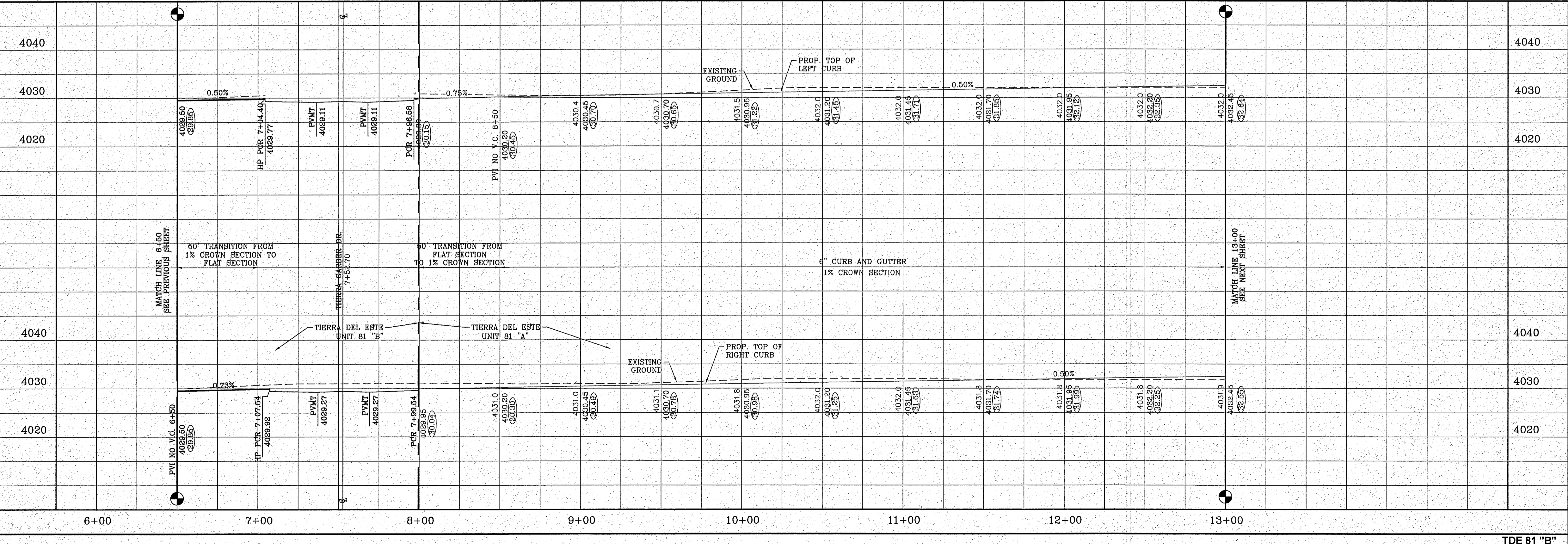


**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



**SHEET TITLE**  
STREET  
PLAN-PROFILE  
**TIERRA MIRAGE AVE.**  
STA: 6+50  
TO  
STA: 13+00

FILE LOCATION E:\Subdivisions\TDE 81 B\DWG\PP-MIRAGE PLOTTED ON Friday, November 2, 2018 2:21:11 PM BY FELIX RODRIGUEZ



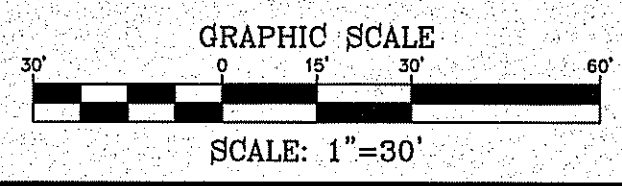
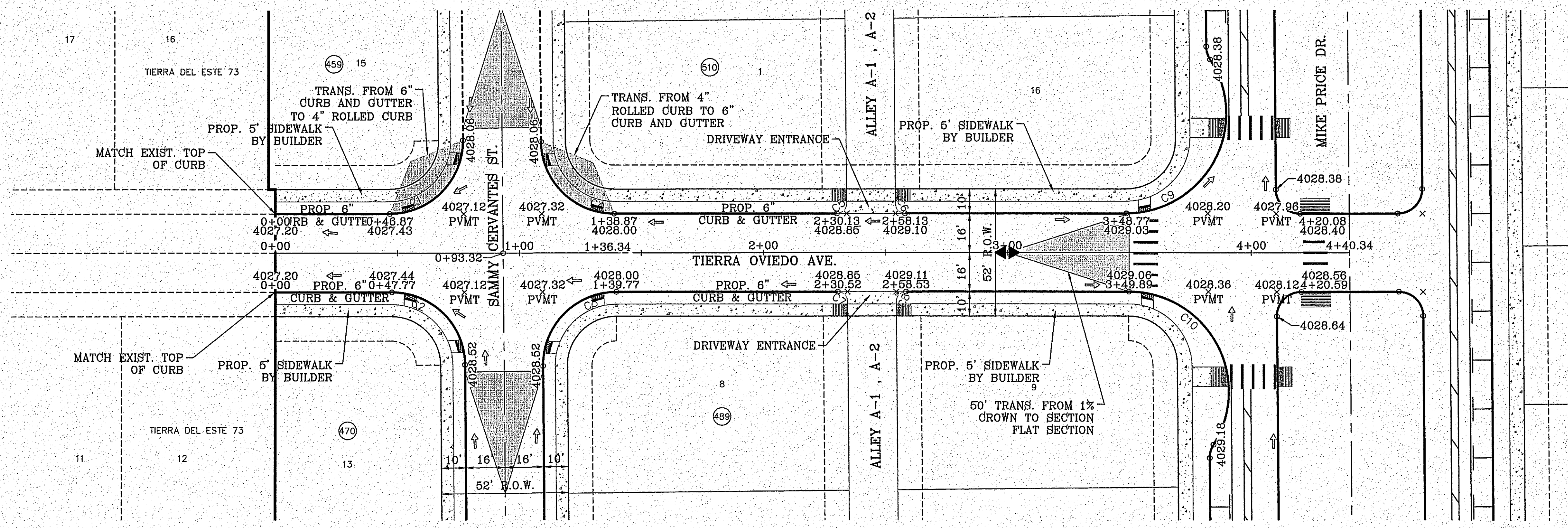


FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-OVIEDO PLOTTED ON Friday, November 2, 2018 2:21:37 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'34"
C2	30.00'	46.83'	29.71'	42.22'	N45°18'18"W	89°26'17"
C3	30.00'	47.42'	30.30'	42.63'	S44°41'42"W	90°33'43"
C4	30.03'	47.83'	30.70'	42.93'	S46°14'39"E	91°16'18"
C5	4.00'	6.32'	4.04'	5.68'	N44°41'42"E	90°33'43"
C6	4.00'	6.24'	3.96'	5.63'	S45°18'18"E	89°26'17"
C7	4.00'	6.24'	3.96'	5.63'	N45°18'18"W	89°26'17"
C8	4.00'	6.32'	4.04'	5.68'	S44°41'42"W	90°33'43"
C9	41.00'	88.08'	75.65'	72.09'	N28°25'53"E	123°05'20"
C10	41.00'	87.28'	73.91'	71.71'	N29°02'29"W	121°57'55"

**LEGEND**

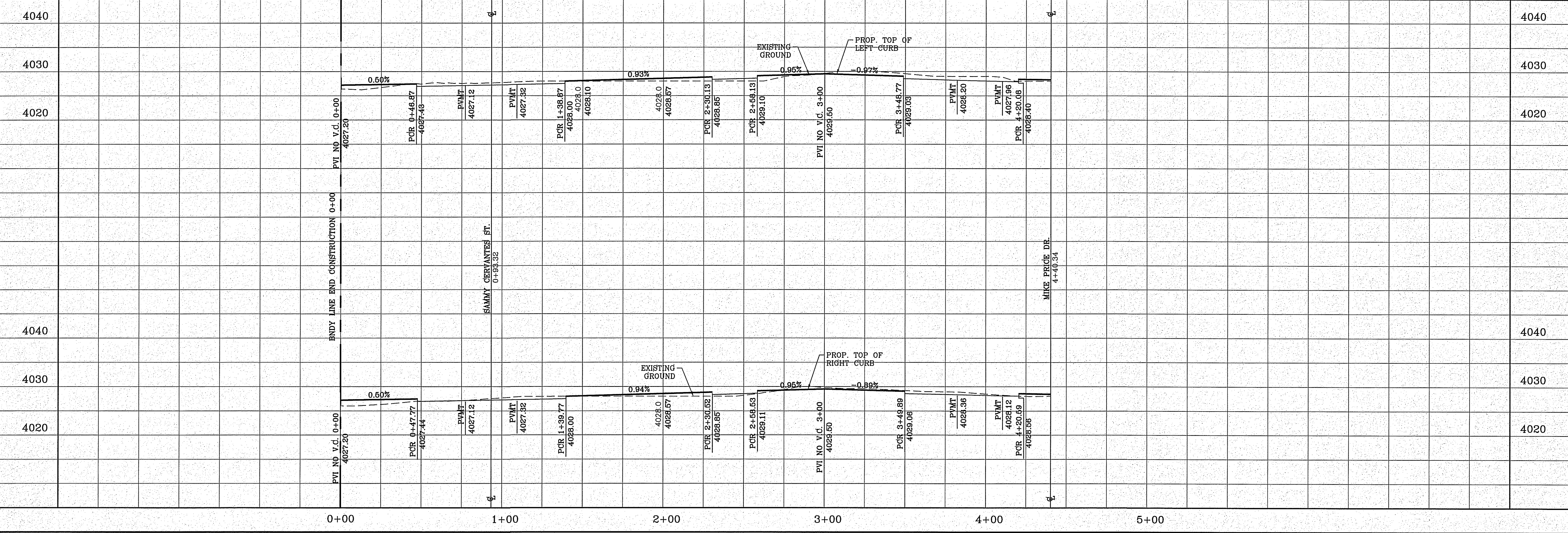
- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

DATE	REVISIONS	BY

**TIERRA DEL ESTE UNIT 81 "B"**  
 BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.827± ACRES



**SCALE**

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

DATE: SEP. 2018  
 DESIGN BY: Y.C.  
 INITIATED BY: F.R.  
 CHECKED BY: Y.C.  
 JOB NO.: 718-58

**CONDE INC.**  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 6080 SURETY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0283  
 FAX: (915) 592-0286

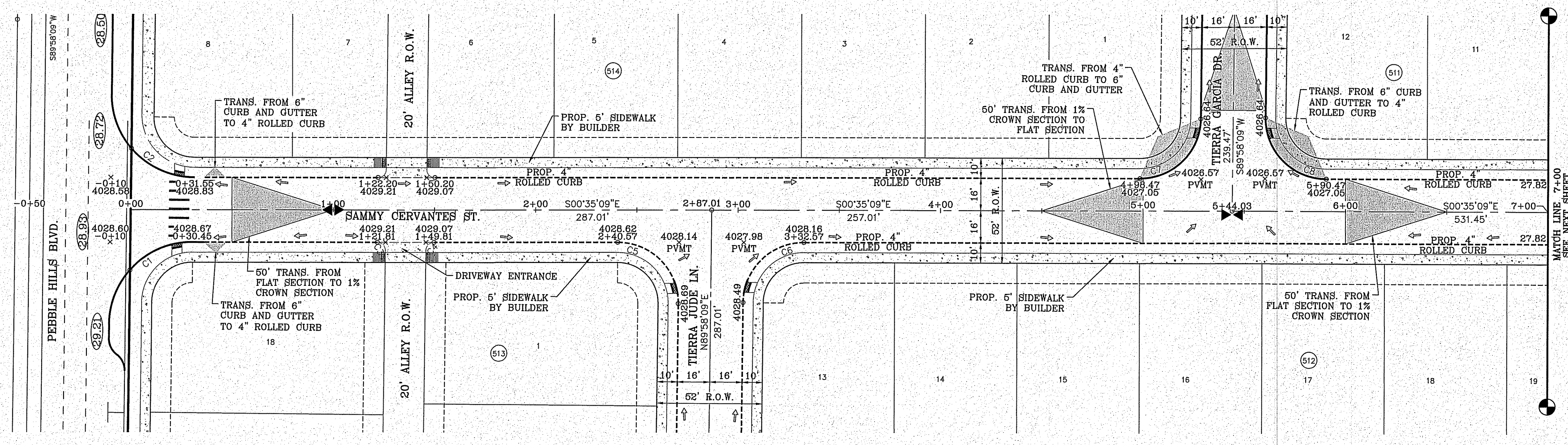
**SHEET TITLE**  
 STREET  
 PLAN-PROFILE  
**TIERRA OVIEDO AVE.**  
**STA:0+00**  
**TO**  
**STA:4+40.34**

FILE LOCATION: S:\Subdivisions\YDE 81\_B\DWG\PP-SAMMY CERVANTES PLOTTED ON Friday, November 2, 2018 2:22:06 PM BY FELIX RODRIGUEZ

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	41.00'	64.01'	40.60'	57.70'	N45°18'30"W	89°26'42"
C2	41.00'	64.80'	41.40'	58.26'	S44°41'30"W	90°33'18"
C3	4.00'	6.32'	4.04'	5.68'	N44°41'31"E	90°33'16"
C4	4.00'	6.24'	3.96'	5.63'	N45°18'30"W	89°26'42"
C5	30.00'	47.41'	30.29'	42.63'	N44°41'30"E	90°33'18"
C6	30.00'	46.83'	29.71'	42.22'	N45°18'30"W	89°26'31"
C7	30.01'	46.83'	29.70'	42.22'	S45°18'30"E	89°24'59"
C8	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'18"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**Final Approval**

CONDE INC.

GRAPHIC SCALE  
SCALE: 1"=30'

BENCHMARK

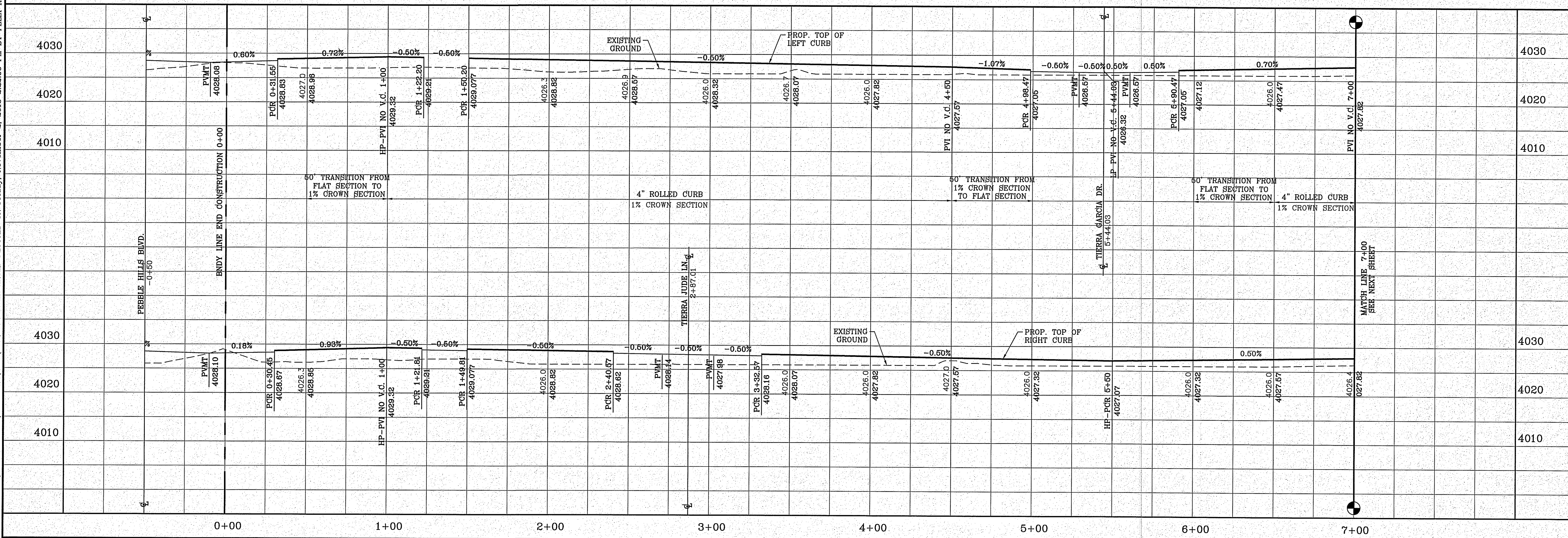
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

REVISIONS

DATE	BY

**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES



PROJECT NAME

**TIERRA DEL ESTE UNIT 81 "B"**

ENGINEER'S SEAL

CONDE INC.

ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-68

SCALES

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

SHEET TITLE

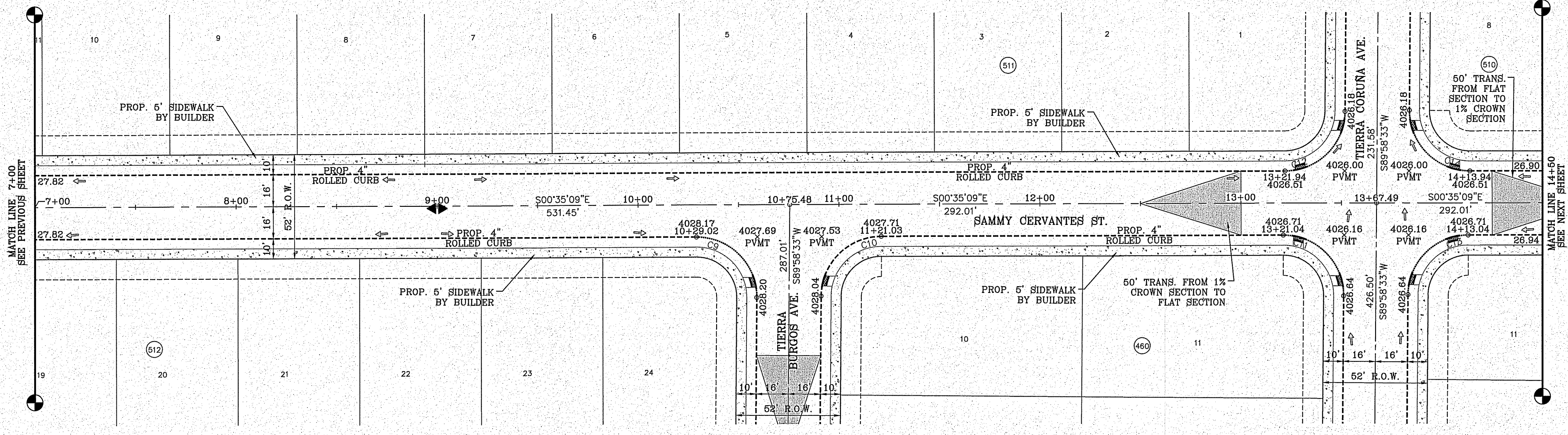
**SAMMY CERVANTES ST.  
STA. 0+00 TO  
7+00**

SHT 66 OF 100

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C9	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'42"
C10	30.00'	46.83'	29.71'	42.22'	N45°18'18"W	89°26'09"
C11	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'43"
C12	30.00'	46.83'	29.71'	42.22'	S45°18'18"E	89°26'17"
C13	30.01'	46.83'	29.70'	42.22'	N45°18'18"W	89°24'20"
C14	30.00'	47.42'	30.30'	42.63'	S44°41'42"W	90°33'43"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**Final Approval**

CONDE, INC.

GRAPHIC SCALE  
SCALE: 1"=30'

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 86

DATE \_\_\_\_\_

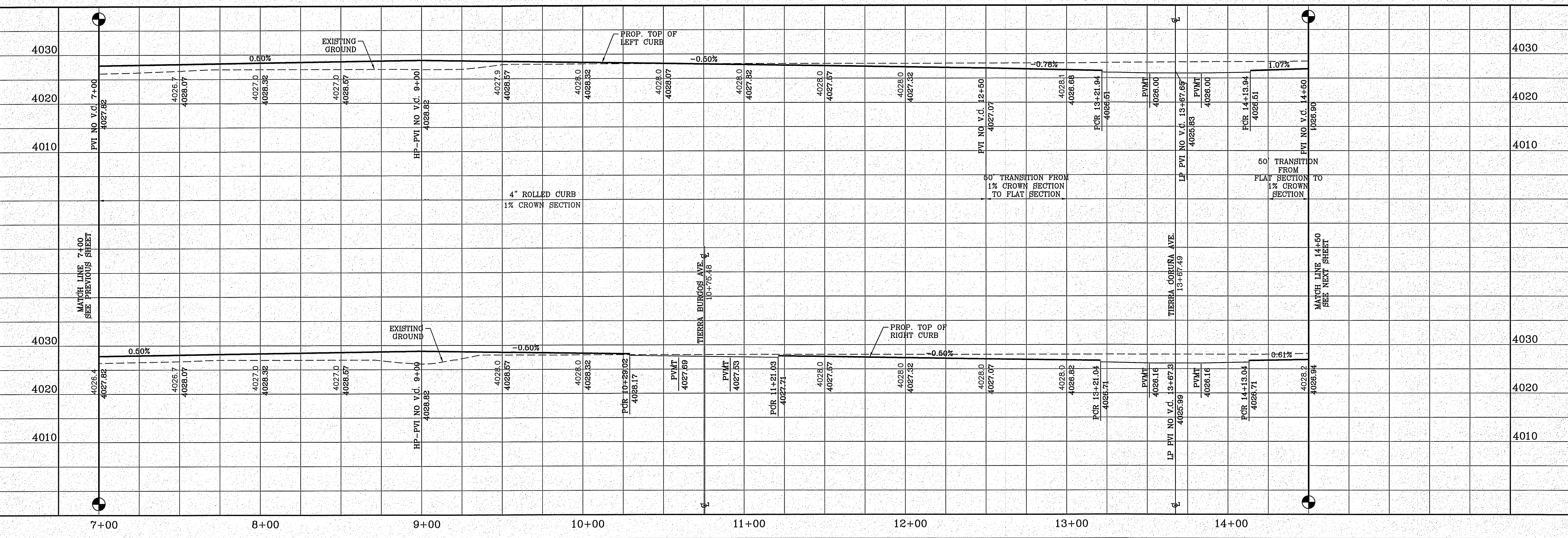
REVISIONS \_\_\_\_\_

BY \_\_\_\_\_

**PROJECT NAME**  
**Tierra del Este Unit 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

FILE LOCATION S:\Subdivisions\TDE 81\_B\DWG\_PP-SAMMY CERVANTES PLOTTED ON Friday, November 2, 2018 2:22:13 PM BY FELIX RODRIGUEZ



**ENGINEER'S SEAL**

CONDE, INC.  
16448  
64648  
64648

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURVEY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0263  
FAX: (915) 592-0286

**SHEET TITLE**  
STREET  
PLAN-PROFILE

**SAMMY CERVANTES ST.  
STA. 7+00  
TO 14+50**

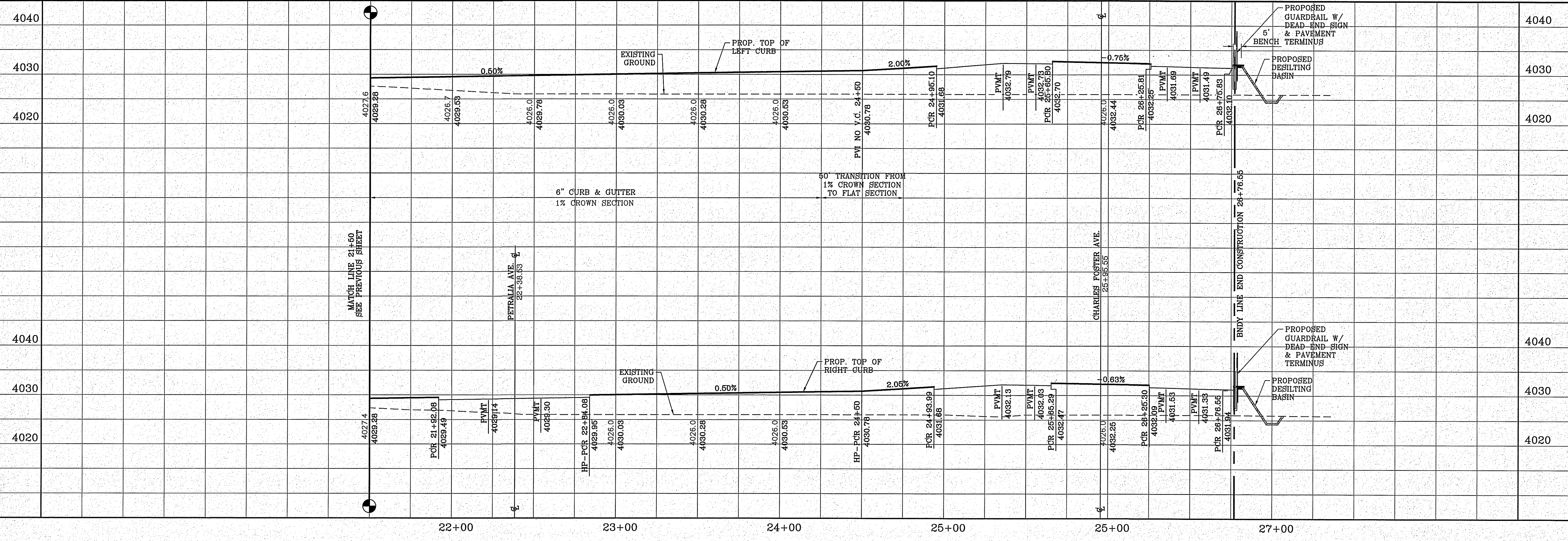
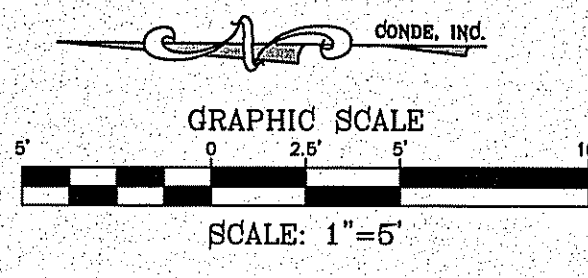
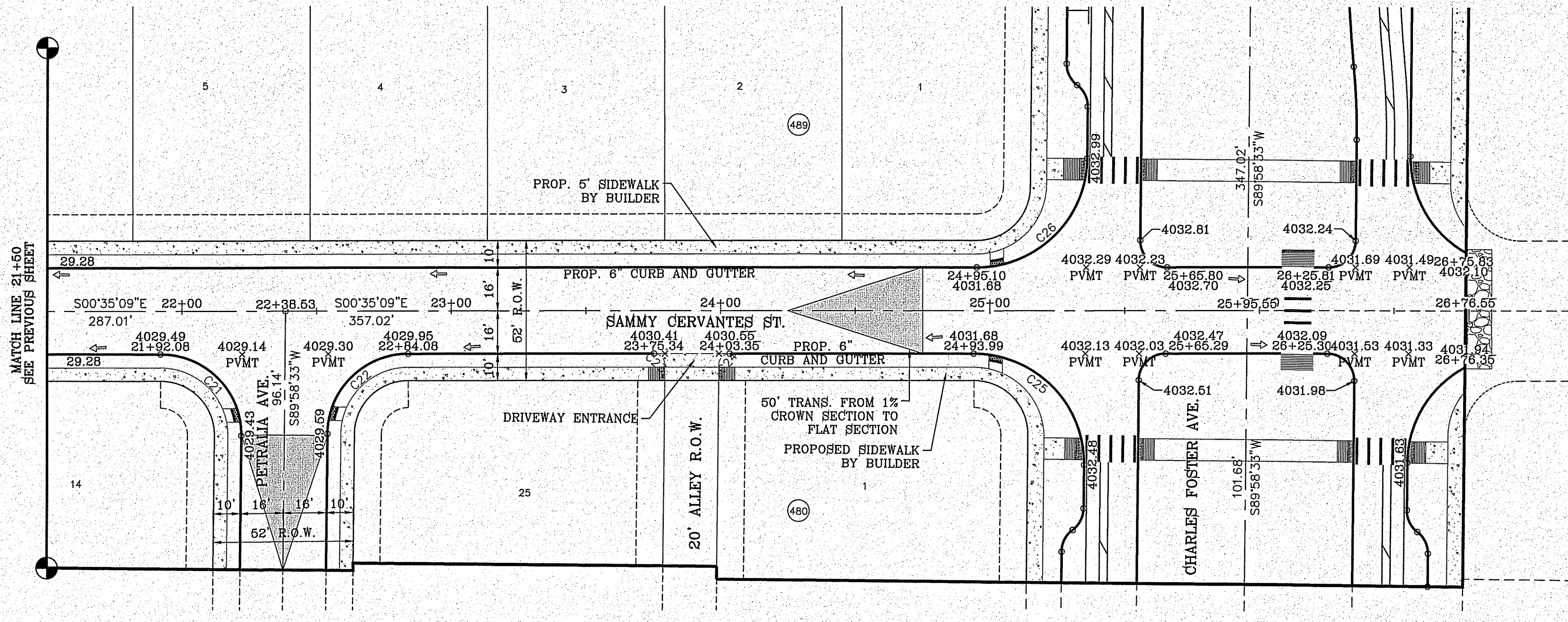


FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-SAMMY CERVANTES PLOTTED ON Friday, November 2, 2018 2:22:33 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C21	30.00'	47.42'	30.30'	42.63'	N44°41'42"E	90°33'43"
C22	30.00'	46.83'	29.71'	42.22'	N45°18'18"W	89°26'09"
C23	4.00'	6.32'	4.04'	5.68'	N44°41'42"E	90°33'43"
C24	4.00'	6.24'	3.96'	5.63'	N45°18'18"W	89°26'17"
C25	41.00'	64.80'	41.40'	58.27'	N44°41'42"E	90°33'43"
C26	41.00'	64.00'	40.60'	57.70'	S45°18'18"E	89°26'17"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

DATE	REVISIONS	BY

**PROJECT NAME**

**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

**SCALE**

HORIZ: 1" = 30'

VERT: 1" = 10'

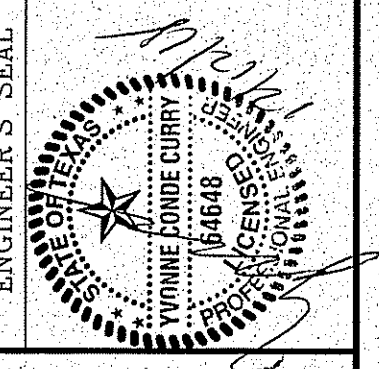
DATE: SEP. 2018

DESIGN BY: Y.C.

INITIATED BY: F.R.

CHECKED BY: Y.C.

JOB NO.: 718-58



**CONDE INC.**

ENGINEERING / PLANNING  
SURVEYING / GPS

6080 SURETY DR. STE. 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0263  
FAX: (915) 592-0266



**SHEET TITLE**

**STREET PLAN-PROFILE**

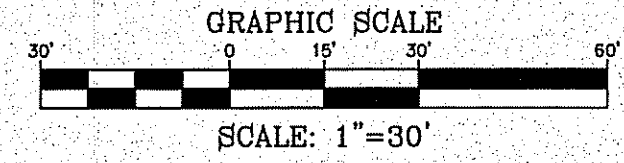
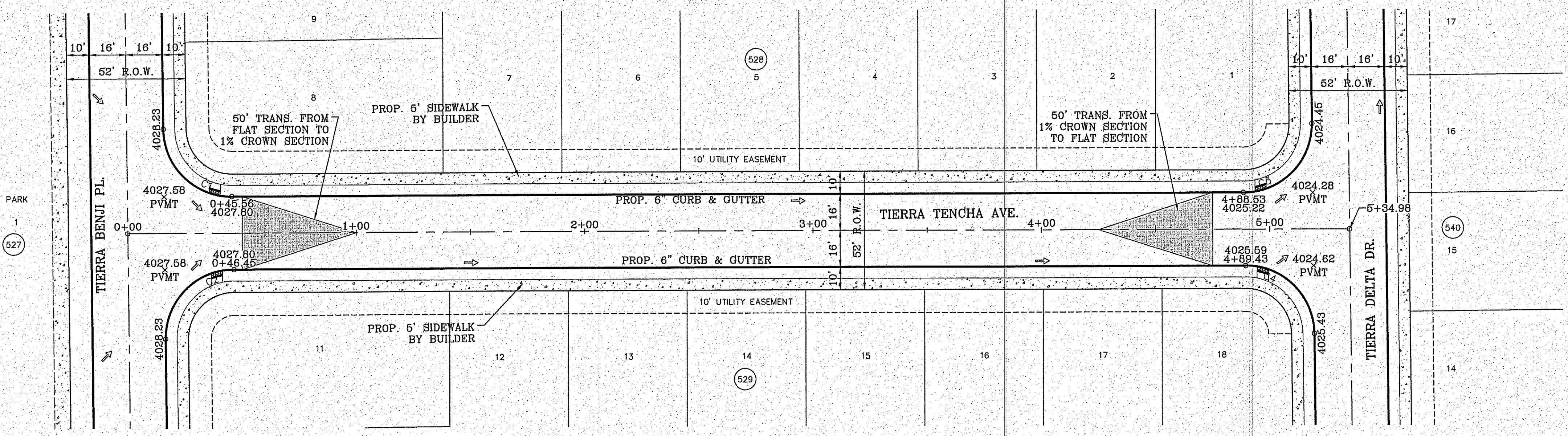
**SAMMY CERVANTES ST. STA. 21+50 TO 26+76.55**

FILE LOCATION S:\Subdivisions\TDE 81 B DWG\PP-TENCHA PLOTTED ON Friday, November 2, 2018 2:22:55 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	30.00'	46.83'	29.71'	42.22'	S45°18'30"E	89°26'42"
C2	30.00'	47.41'	30.29'	42.63'	S44°41'30"W	90°33'10"
C3	30.00'	47.42'	30.30'	42.63'	N44°41'20"E	90°33'38"
C4	30.00'	46.83'	29.71'	42.22'	N45°18'40"W	89°26'13"

**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



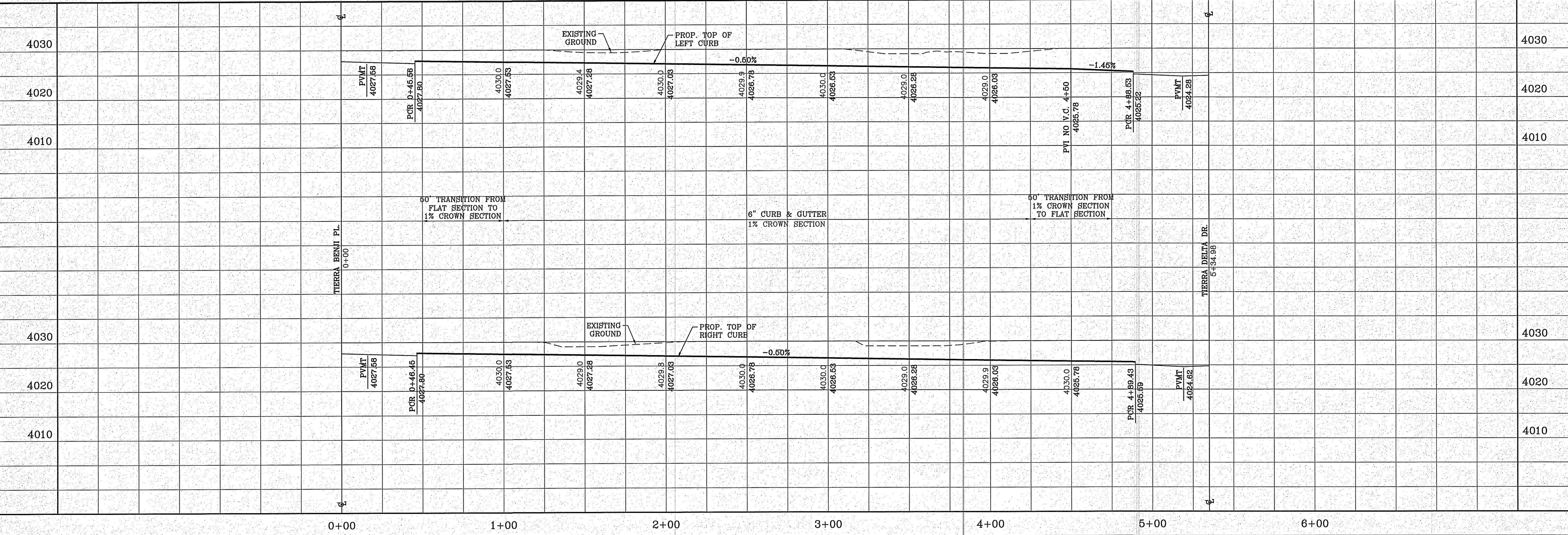
BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 86

DATE	REVISIONS	BY

PROJECT NAME  
**TERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES



SCALE: 1"=30'

HORIZ: 1"=30'

VERT: ---

DATE: SEP. 2018

DESIGN BY: Y.C.

INITIATED BY: F.R.

CHECKED BY: Y.C.

JOB NO.: 718-58

ENGINEER'S SEAL

Y.C. CURRY  
54548  
STATE OF TEXAS

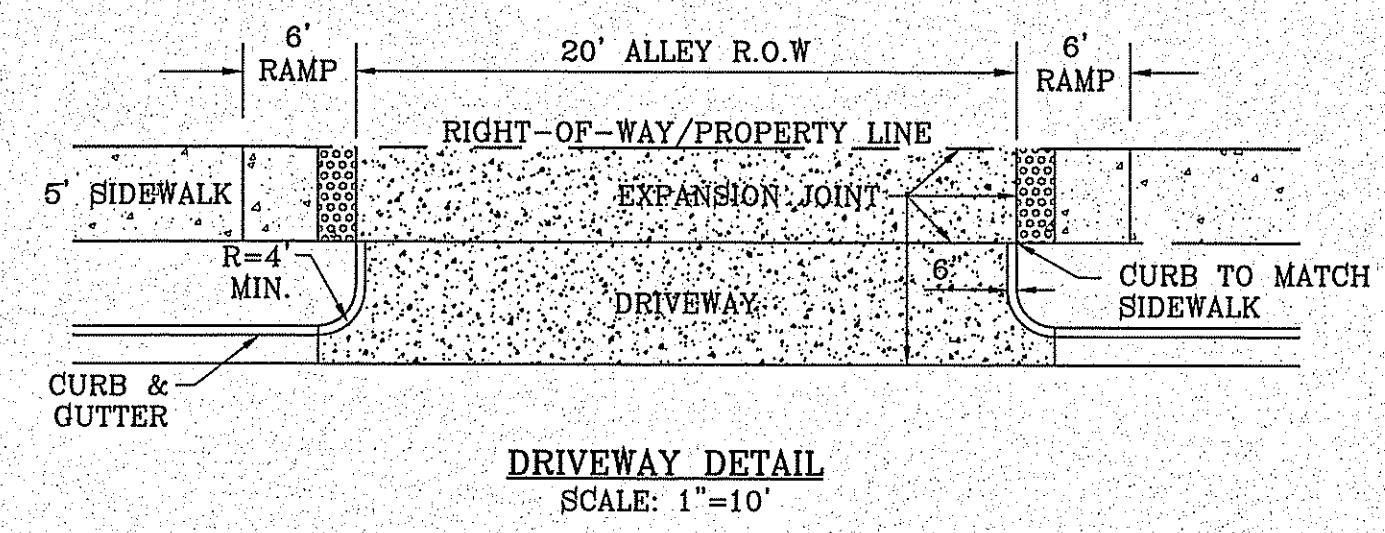
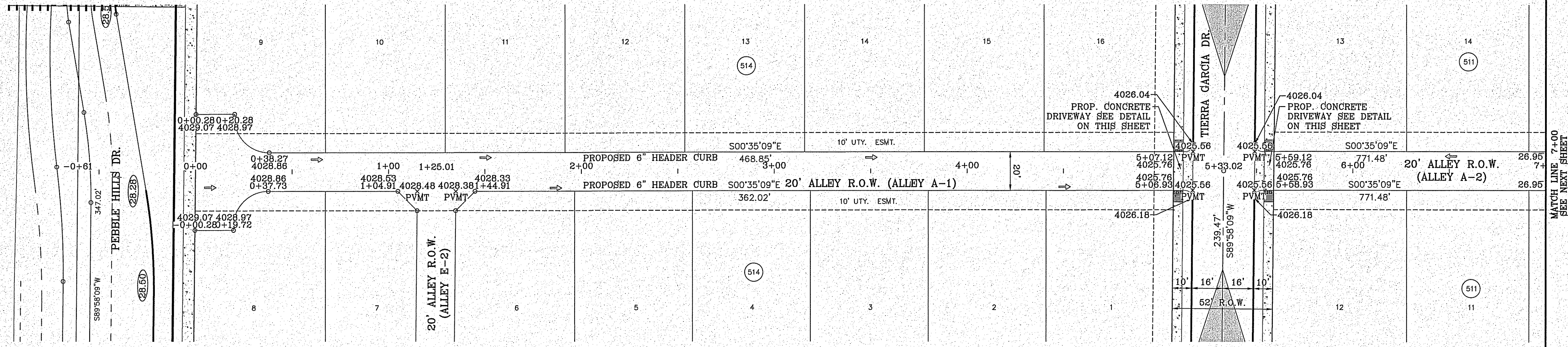
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS

6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

SHEET TITLE

STREET  
PLAN-PROFILE  
**TERRA  
TENCHA**  
STA: 0+00  
TO  
STA: 5+34.98

FILE LOCATION S:\Subdivisions\TDE 81\_B\DWG\PP-ALLEY A\_PLOTTED ON Friday, November 2, 2018 2:23:17 PM BY FELIX RODRIGUEZ



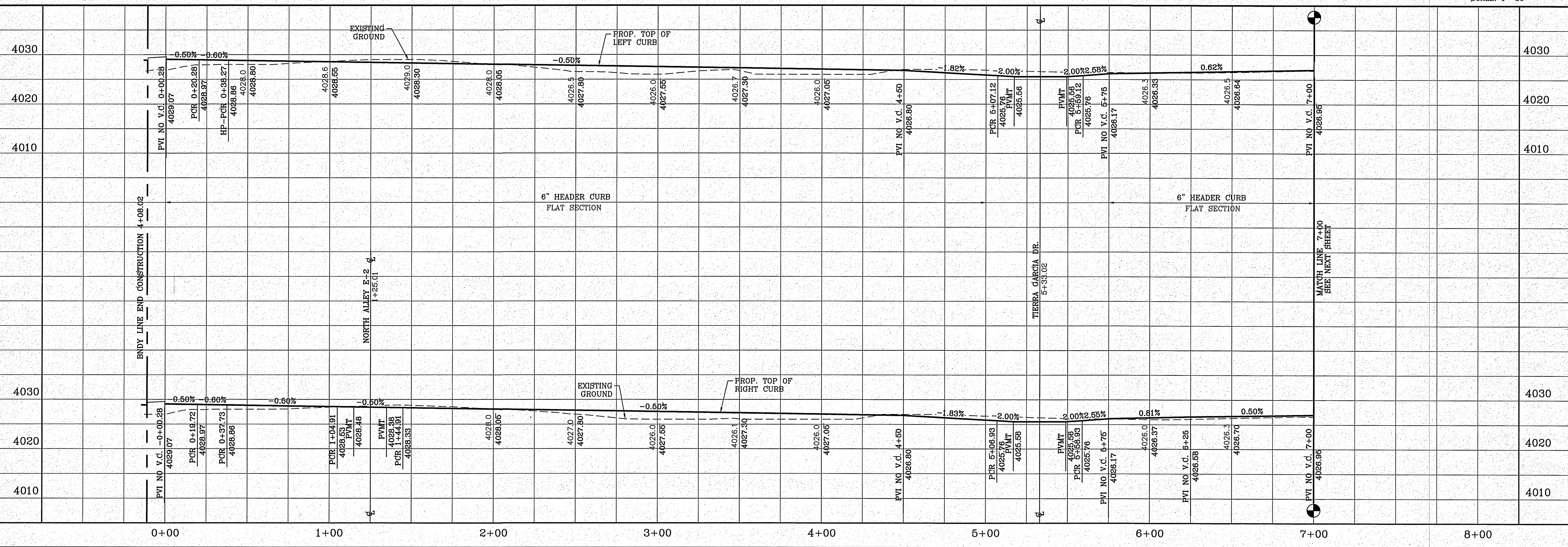
**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION

**Final Approval**

CONDE, INC.

GRAPHIC SCALE  
SCALE: 1"=30'



**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

DATE	REVISIONS	BY

**PROJECT NAME**

**Tierra del Este Unit 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 70, TOWNSHIP 2 TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING / SURVEYING / GPS  
6080 SUITE DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**CONDE INC.**  
ENGINEERING / PLANNING / SURVEYING / GPS  
6080 SUITE DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

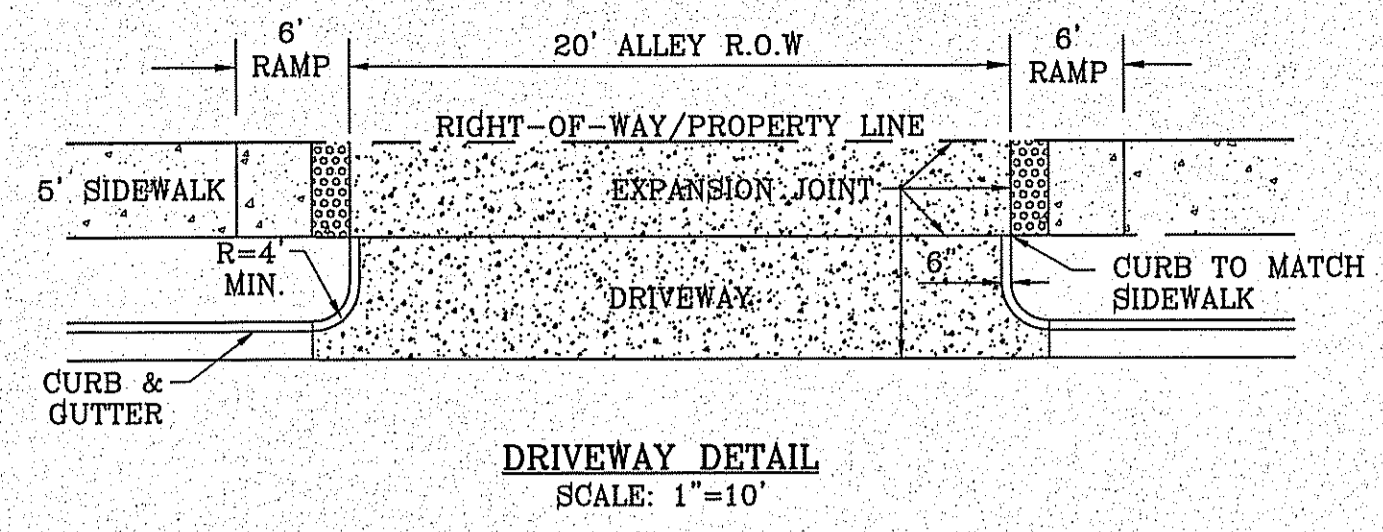
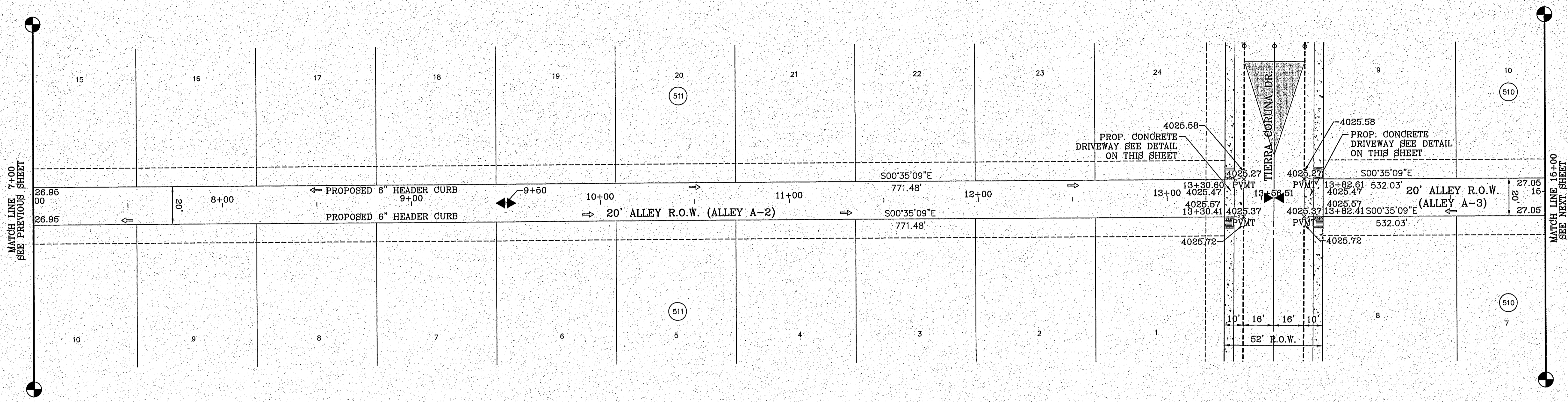
**SHEET TITLE**

**STREET PLAN - PROFILE**

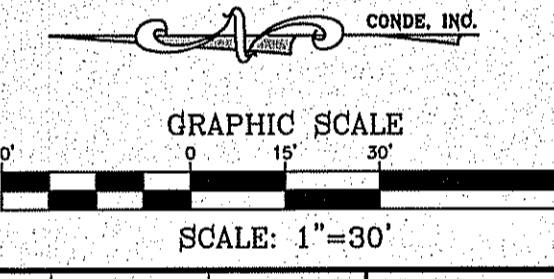
**PP-ALLEY A - WEST ALLEY A1**

**SHT 71 OF 100**

FILE LOCATION S:\\_Subdivisions\TDE 81 E\DWG\PP-ALLEY A PLOTTED ON Friday, November 2, 2018 2:23:25 PM BY FELIX RODRIGUEZ



- LEGEND**
- DIRECTIONAL RAMP
  - WEDGE RAMP
  - RAMP AT PARK
  - LOW POINT
  - HIGH POINT
  - FLOW DIRECTION
  - AS-BUILT ELEVATION



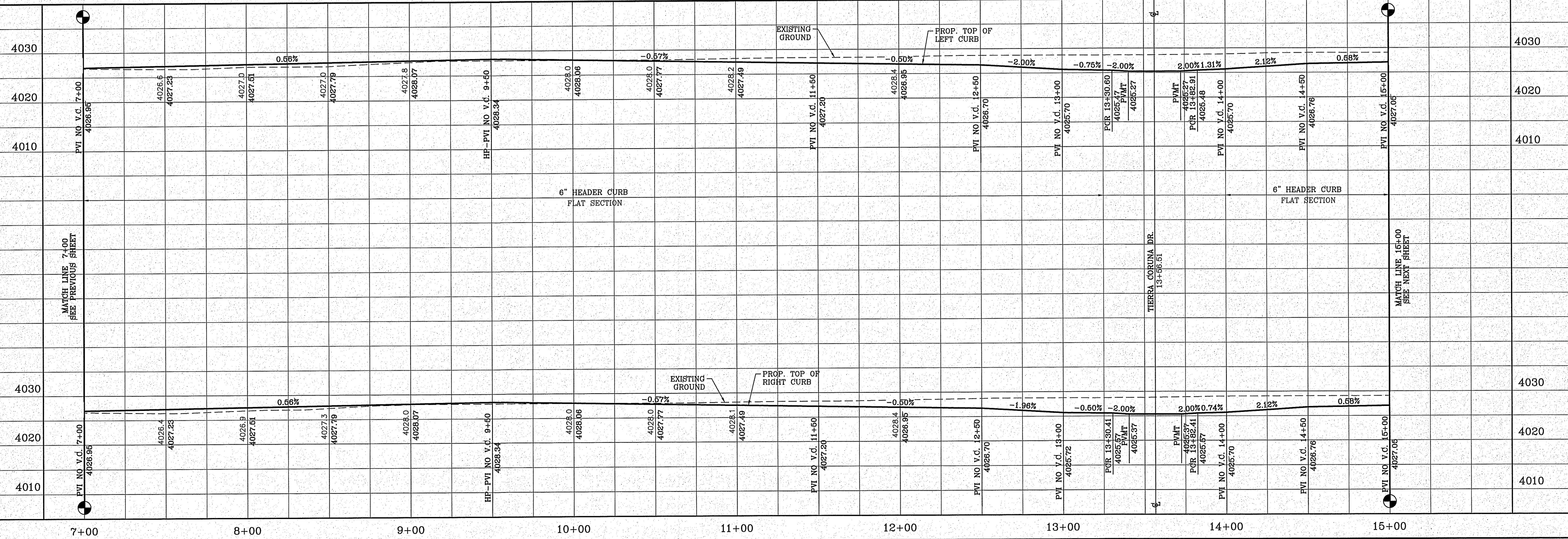
BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

DATE	REVISIONS	BY

**PROJECT NAME**  
**TERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 1.60327± ACRES



**SCALE**

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

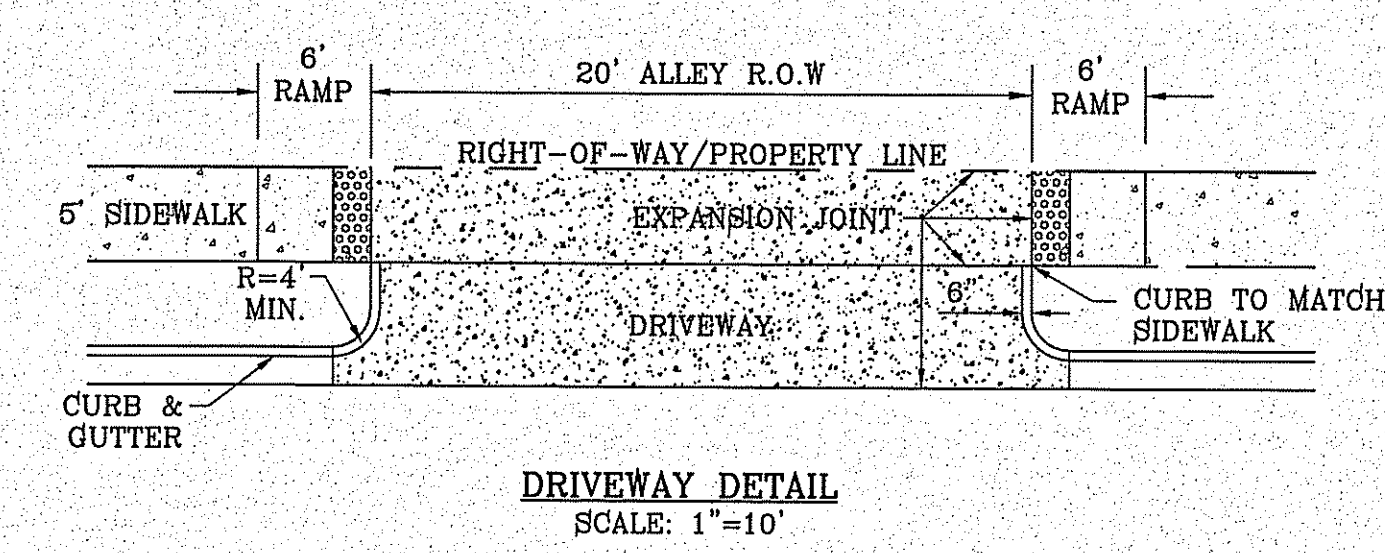
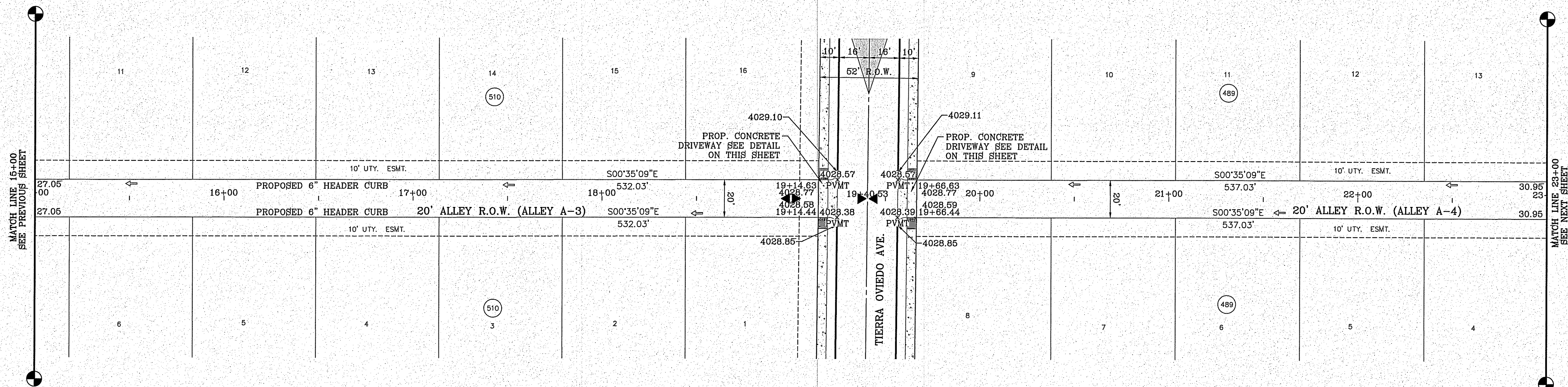
**ENGINEER'S SEAL**

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

**SHEET TITLE**  
STREET  
PLAN-PROFILE  
**PP-ALLEY A - WEST ALLEY A1-2**

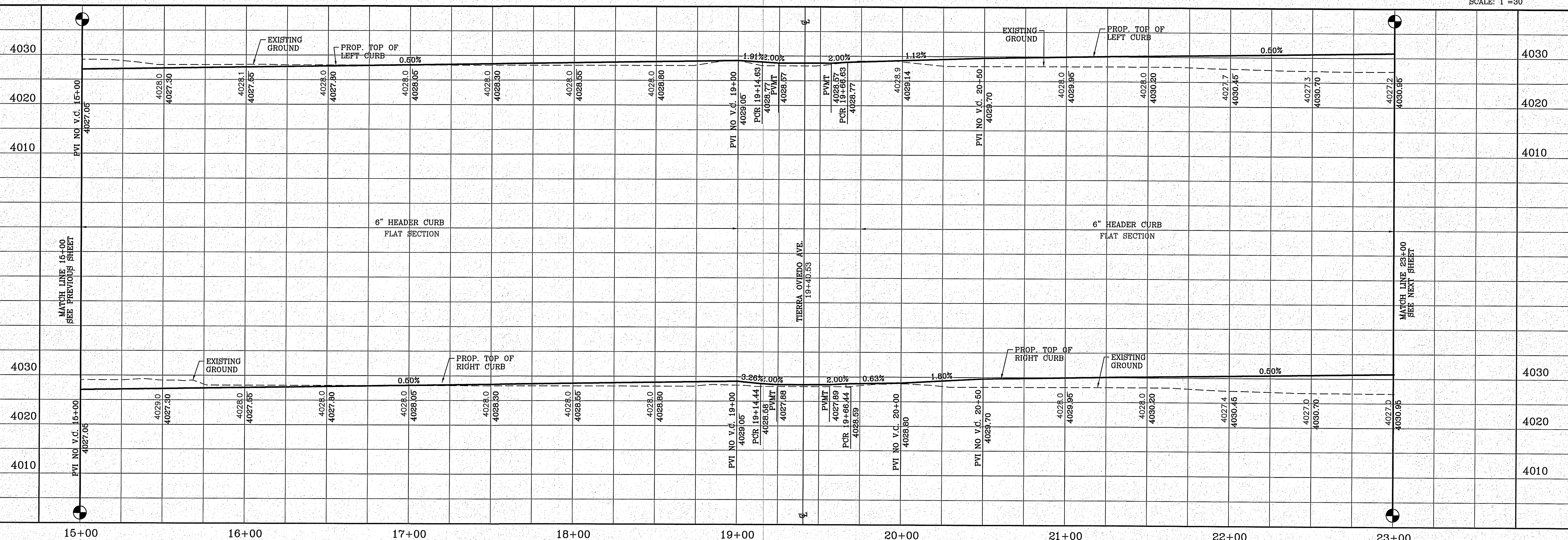
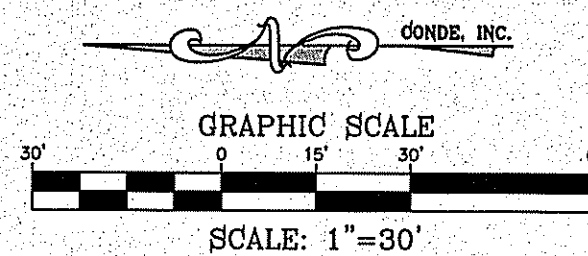


FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-ALLEY A PLOTTED ON Friday, November 2, 2018 2:23:33 PM BY FELIX RODRIGUEZ



**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. SITE 00  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**PP-ALLEY A - WEST ALLEY 1 (3)**

SHT 73 OF 100

**ENGINEER'S SEAL**  
YOUNG CONDE CHERRY  
6446  
REGISTERED PROFESSIONAL ENGINEER  
CIVIL  
STATE OF TEXAS

**SCALE**  
HORIZ: 1"=50'  
VERT: 1"=10'

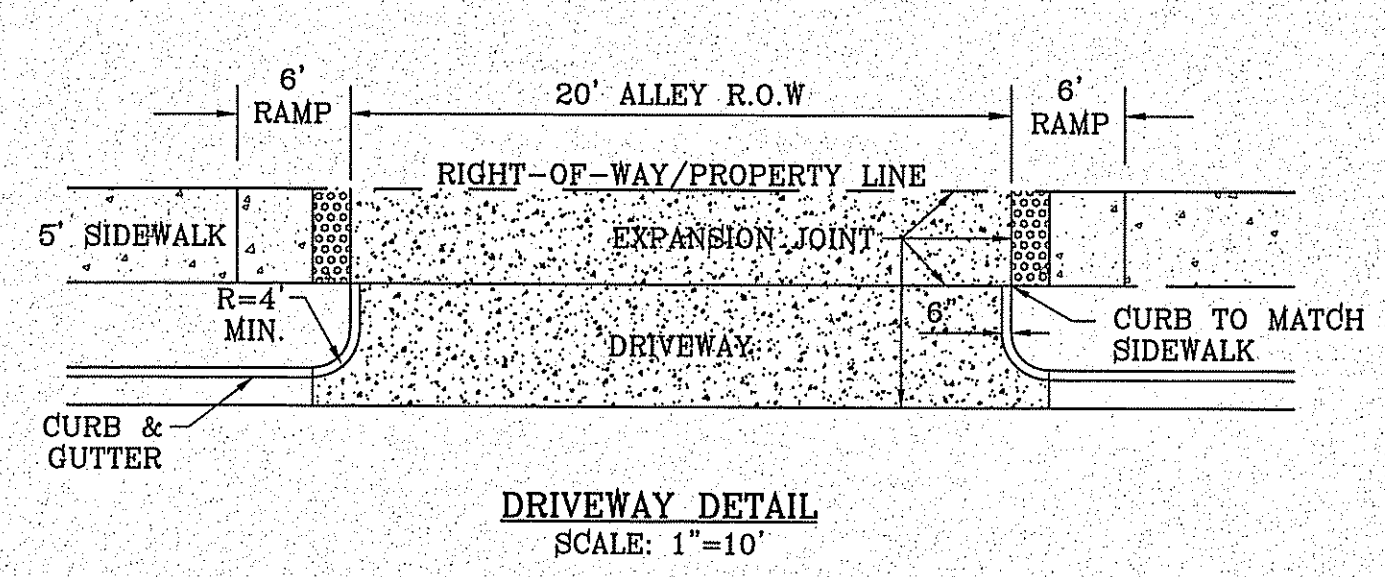
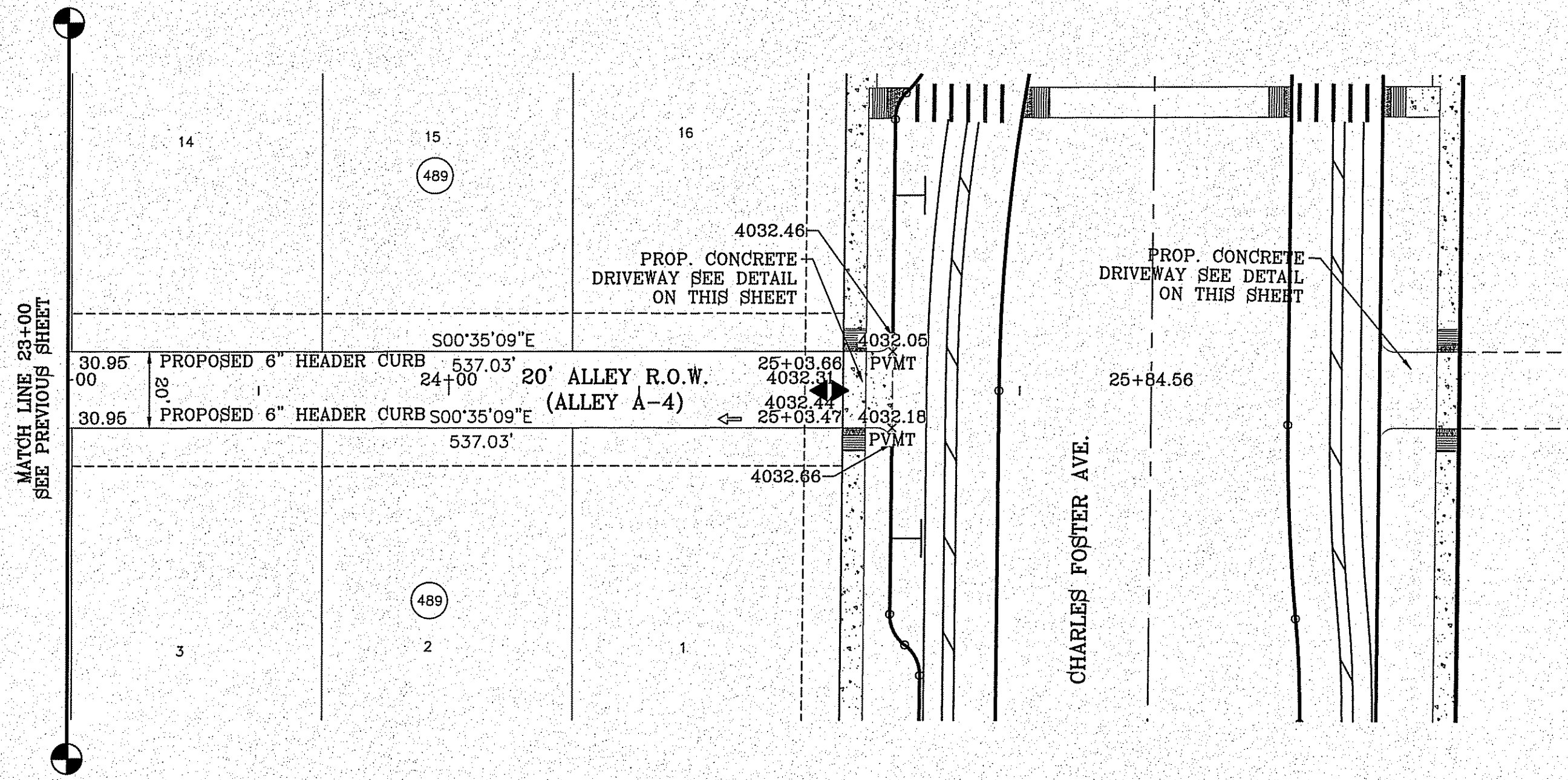
**DATE:** SEP. 2018  
**DESIGN BY:** Y.C.  
**INITIATED BY:** P.R.  
**CHECKED BY:** Y.C.  
**JOB NO.:** 718-56

**BENCHMARK**  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.86 .....NAVD 88

**REVISIONS**

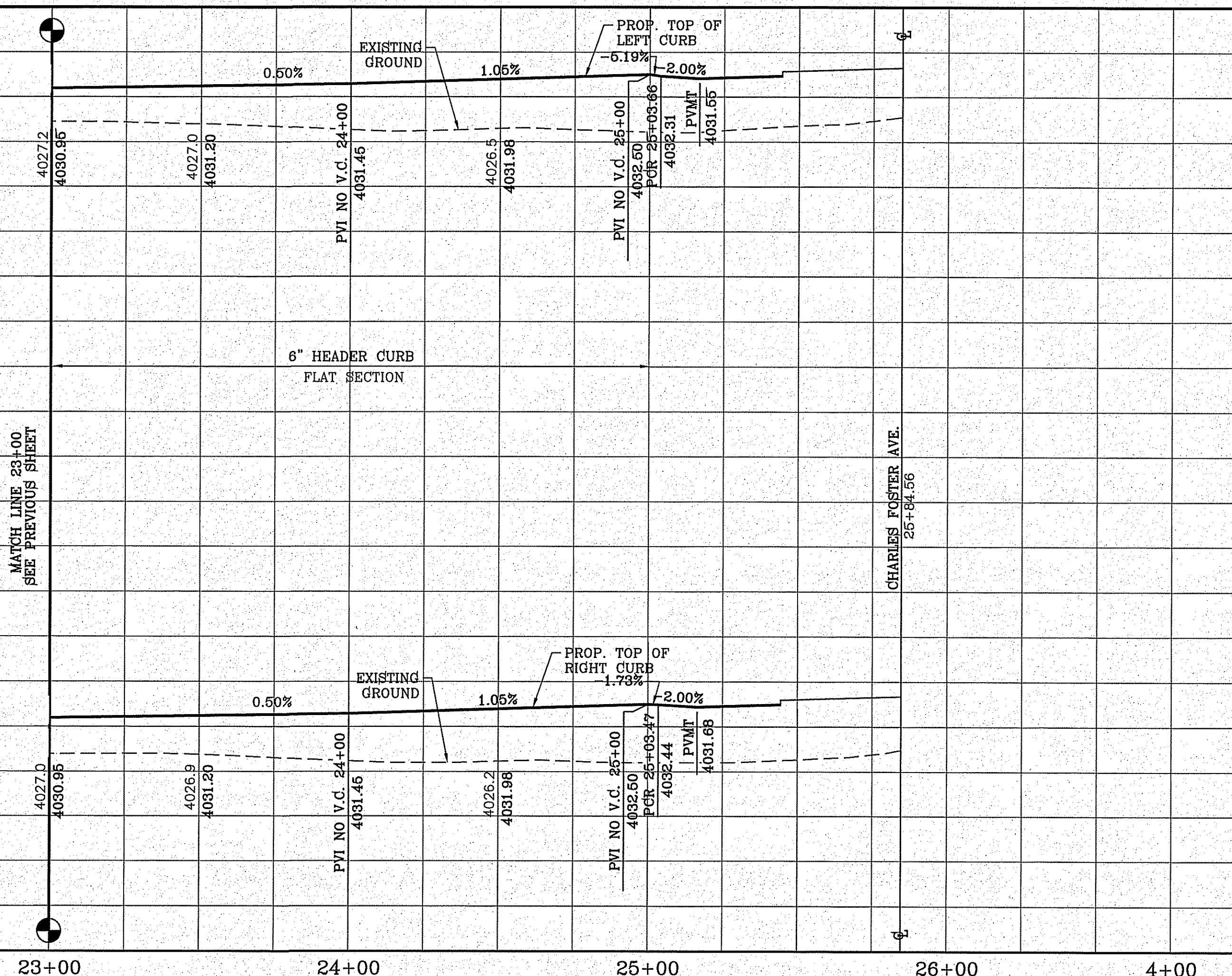
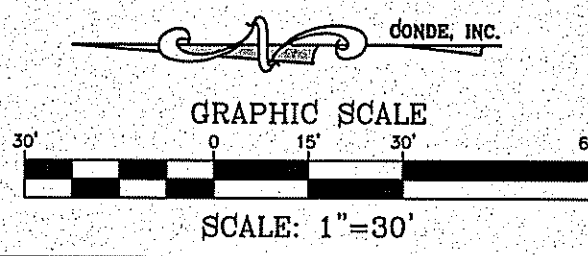
DATE	BY

FILE LOCATION: s:\Subdivisions\TDE 81 PP-ALLEY A PLOTTED ON Friday, November 2, 2018 2:28:38 PM BY FELIX RODRIGUEZ



**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

DATE	REVISIONS	BY

**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

BEING PORTION OF SECTION 48, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING: 160.327± ACRES

**SCALE**

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

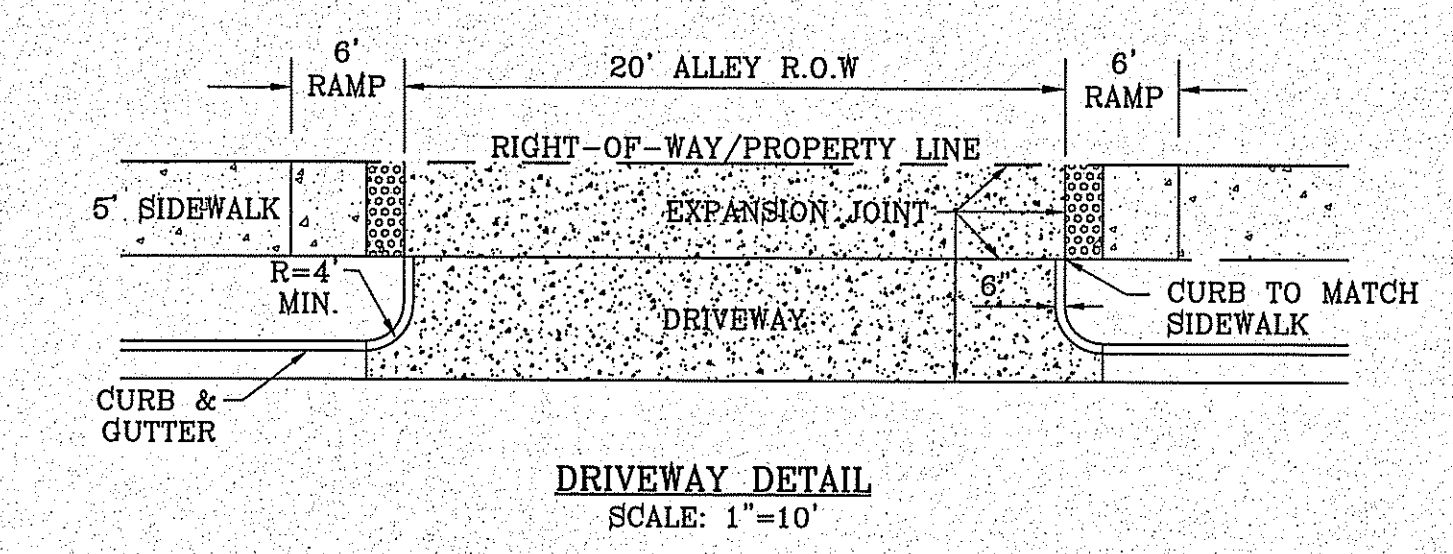
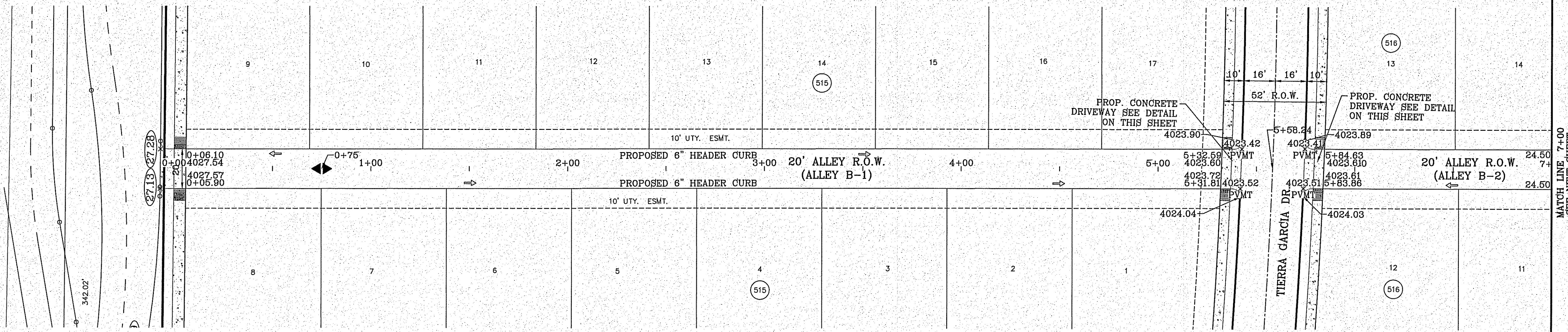
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

**ENGINEER'S SEAL**

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**SHEET TITLE**  
STREET  
PLAN-PROFILE  
**PP-ALLEY A -  
WEST ALLEY  
1 (4)**

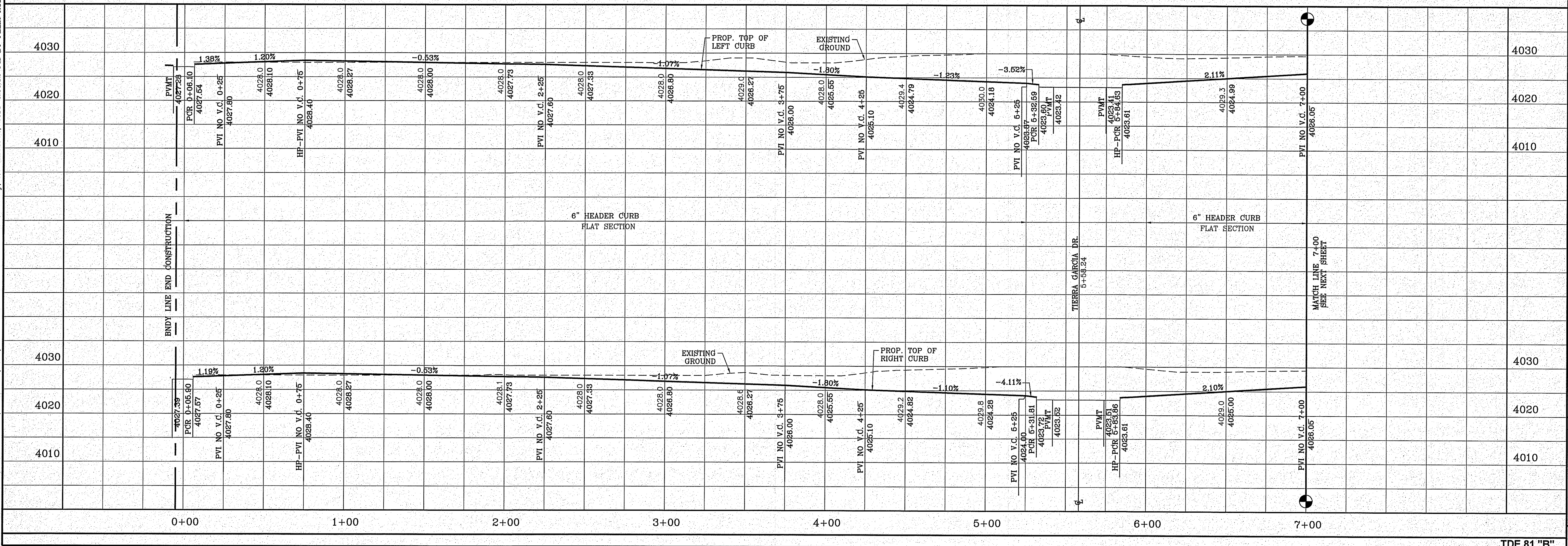
FILE LOCATION: \\Subdivisions\TDE 81\_B.DWG\PP-ALLEY B - 2018 PLOTTED ON Friday, November 2, 2018 2:24:02 PM BY FELIX RODRIGUEZ



- LEGEND**
- DIRECTIONAL RAMP
  - WEDGE RAMP
  - RAMP AT PARK
  - LOW POINT
  - HIGH POINT
  - FLOW DIRECTION
  - AS-BUILT ELEVATION

**Final Approval**

CONDE, INC.  
SCALE: 1"=30'



**TERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY Co. SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING: 160.327± ACRES

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6000 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**ALLEY B-1,  
B-2**

SHT 75 OF 100

TDE 81 "B"

**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF  
HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

DATE	REVISIONS	BY

**PROJECT NAME**

TERRA DEL ESTE UNIT 81 "B"

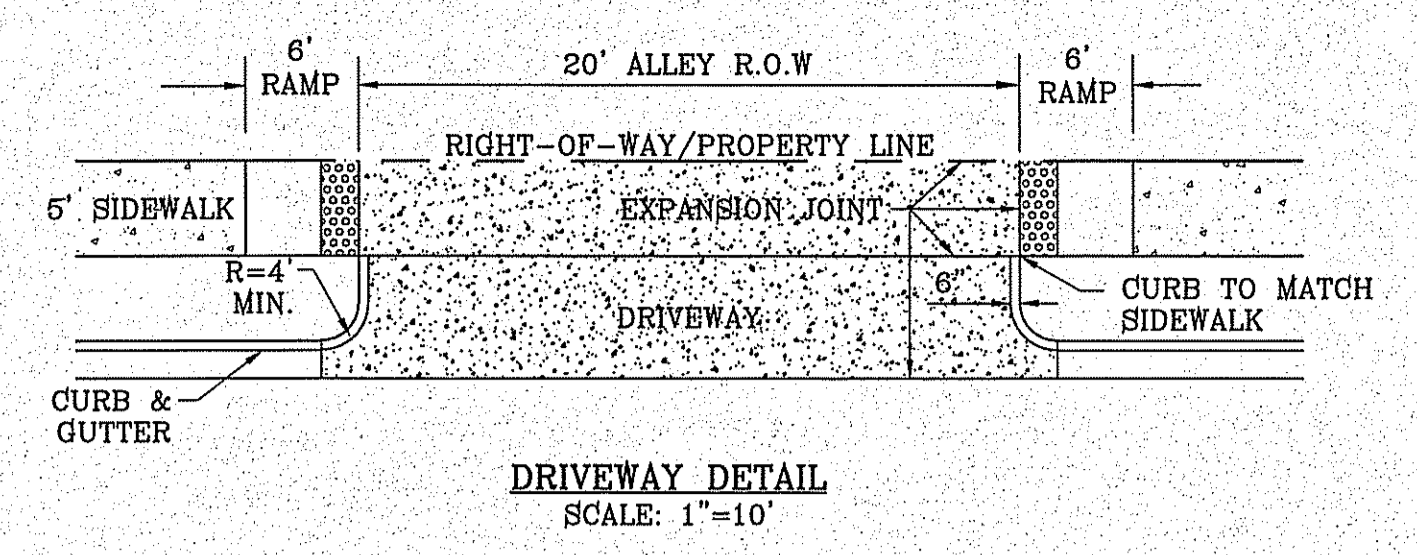
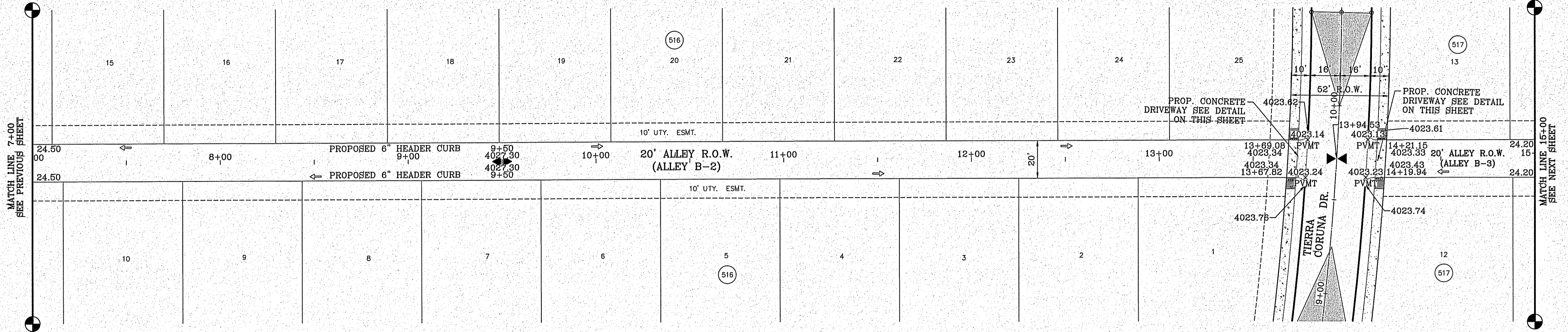
**SCALE**

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

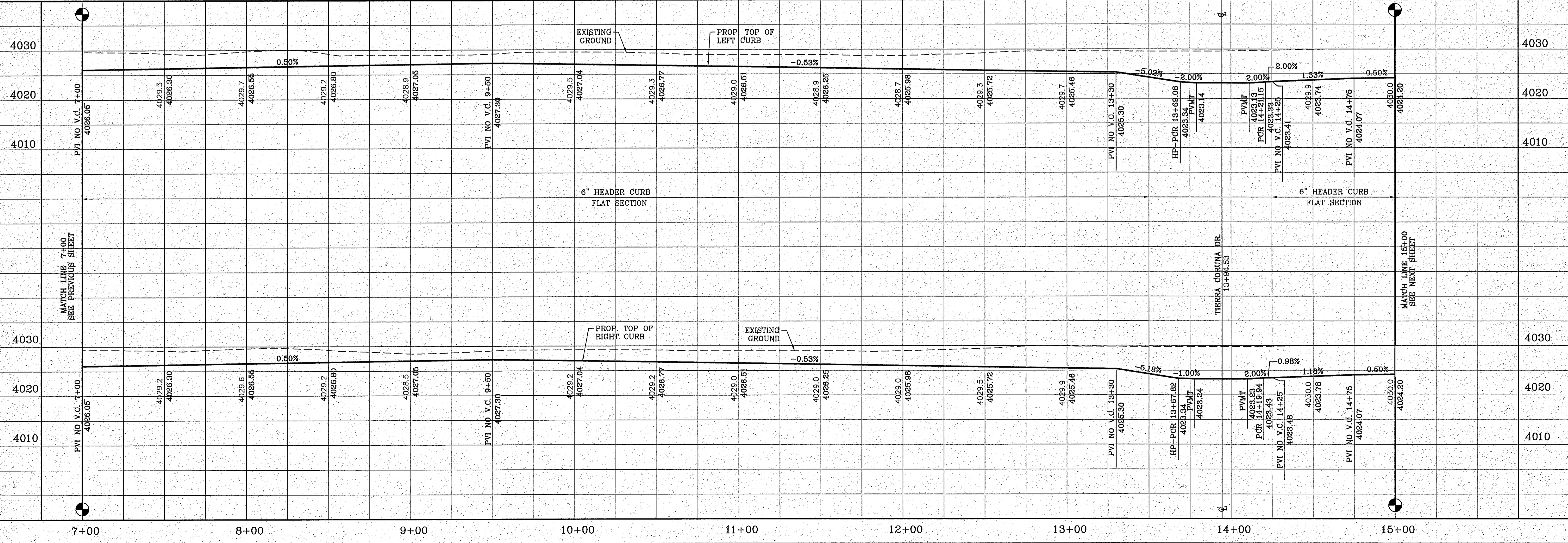
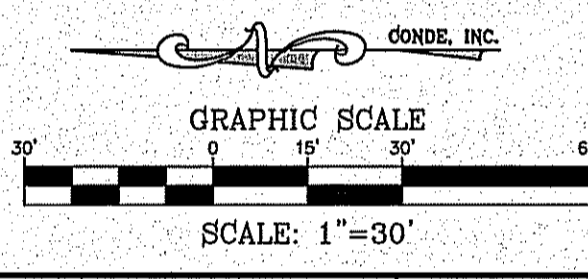
**ENGINEER'S SEAL**

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-66

FILE LOCATION S:\Subdivisions\TDE 81\_B\DWG\PP-ALLEY B - 2018 2:24:09 PM BY FELIX RODRIGUEZ



- LEGEND**
- DIRECTIONAL RAMP
  - WEDGE RAMP
  - RAMP AT PARK
  - LOW POINT
  - HIGH POINT
  - FLOW DIRECTION
  - AS-BUILT ELEVATION



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 86

DATE	REVISIONS	BY

**TIERRA DEL ESTE UNIT 81 "B"**

BRING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES

PROJECT NAME

SCA L E

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

ENGINEER'S SEAL

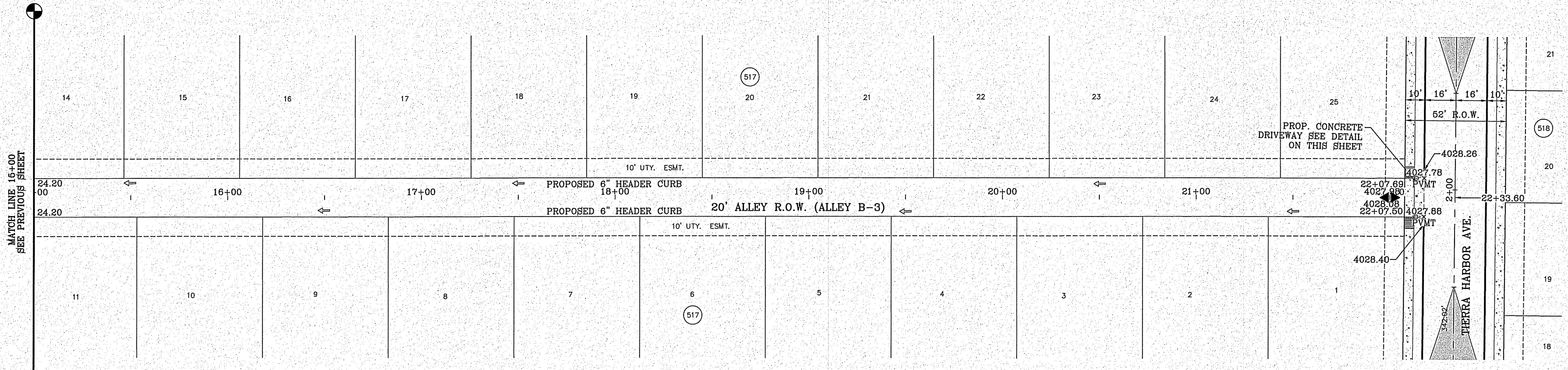
**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0263  
FAX: (915) 592-0286

**CONDE INC.**  
REGISTRATION No. P-2321

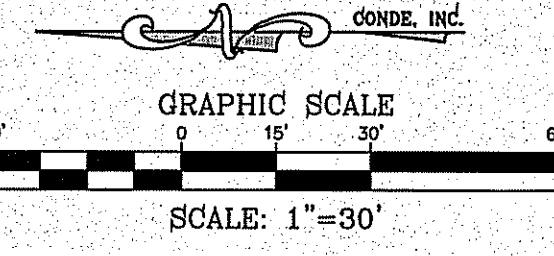
SHEET TITLE

**ALLEY B2, B-3**

FILE LOCATION s:\Subdivisions\TDE 81 B\DWG\PP-ALLEY B - 2018 PLOTTED ON Friday, November 2, 2018 2:24:15 PM BY FELIX RODRIGUEZ



- LEGEND**
- DIRECTIONAL RAMP
  - WEDGE RAMP
  - RAMP AT PARK
  - LOW POINT
  - HIGH POINT
  - FLOW DIRECTION
  - AS-BUILT ELEVATION



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

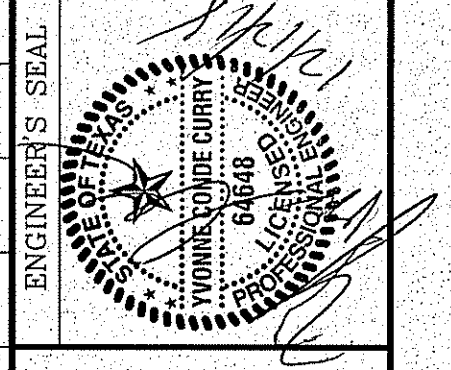
DATE	REVISIONS	BY

**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

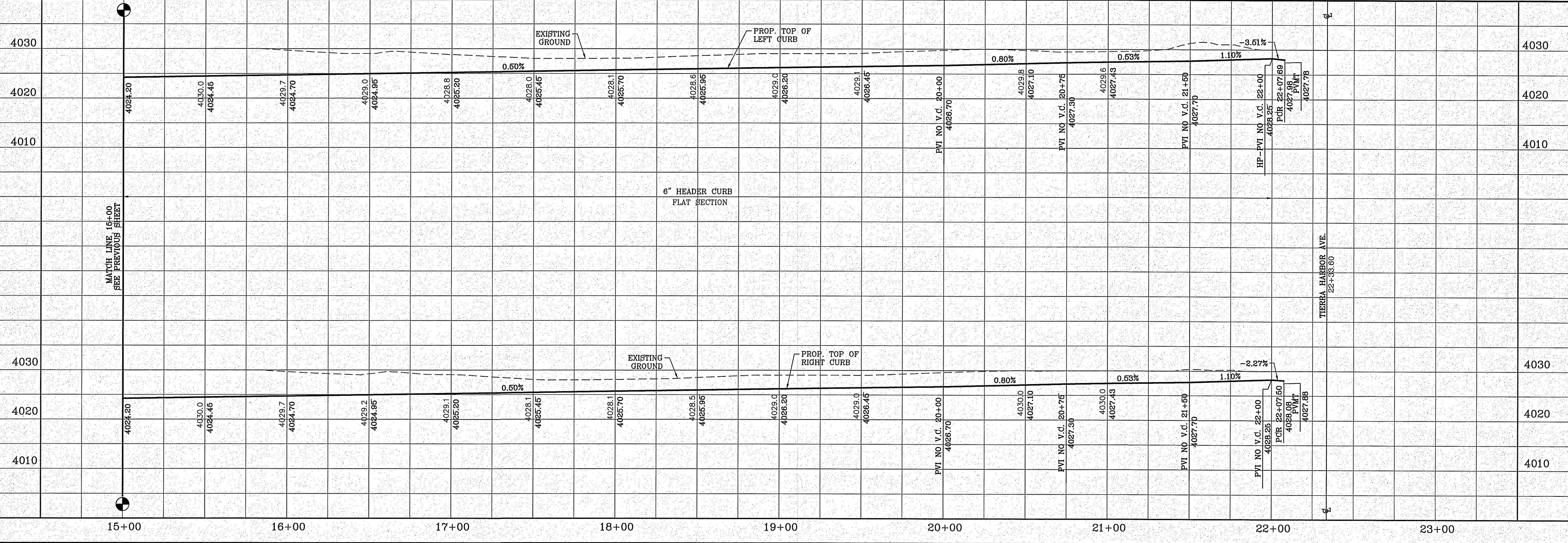


**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

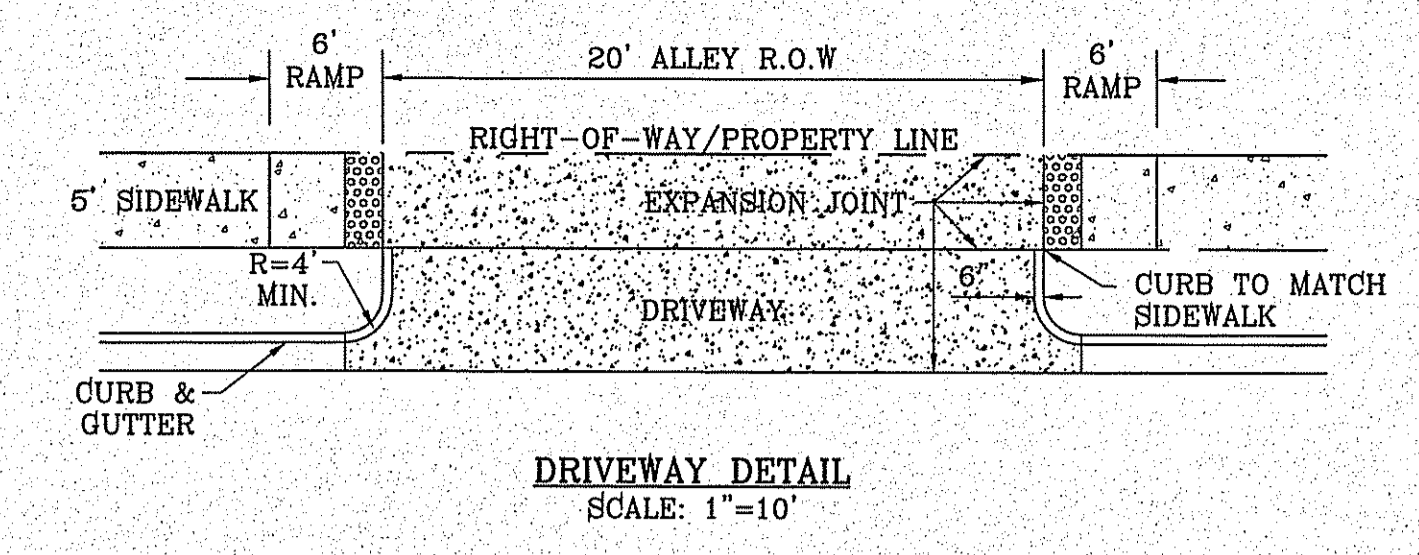
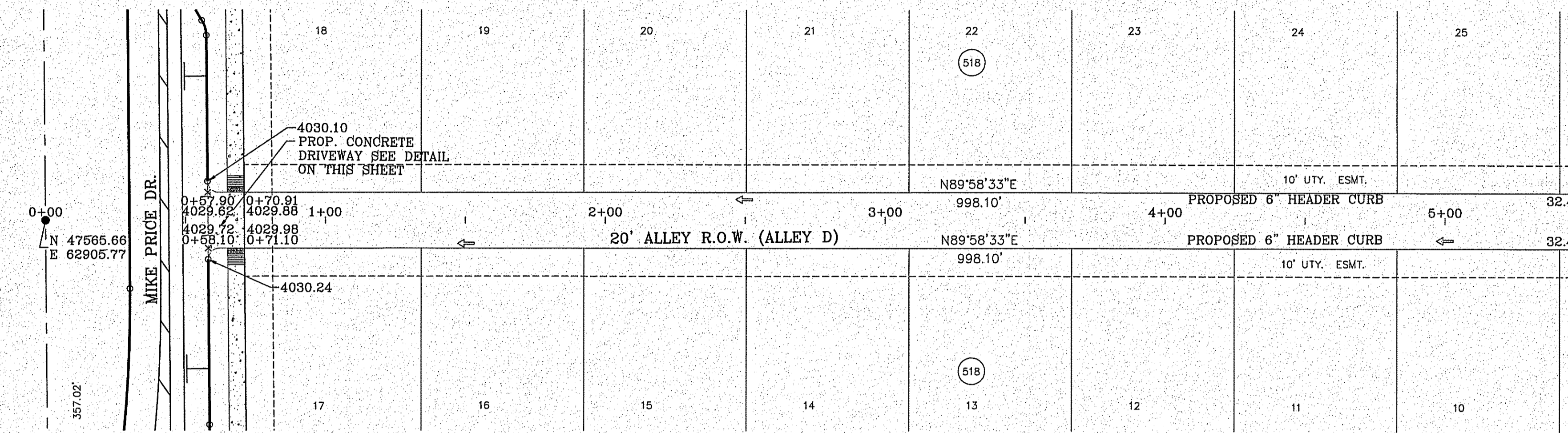
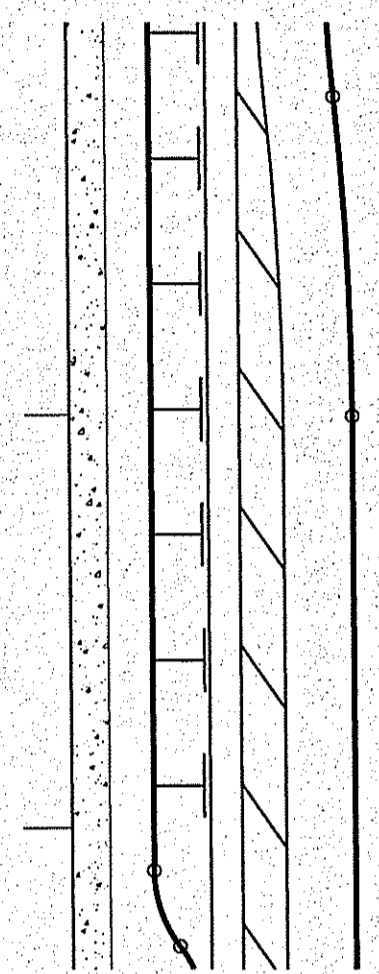
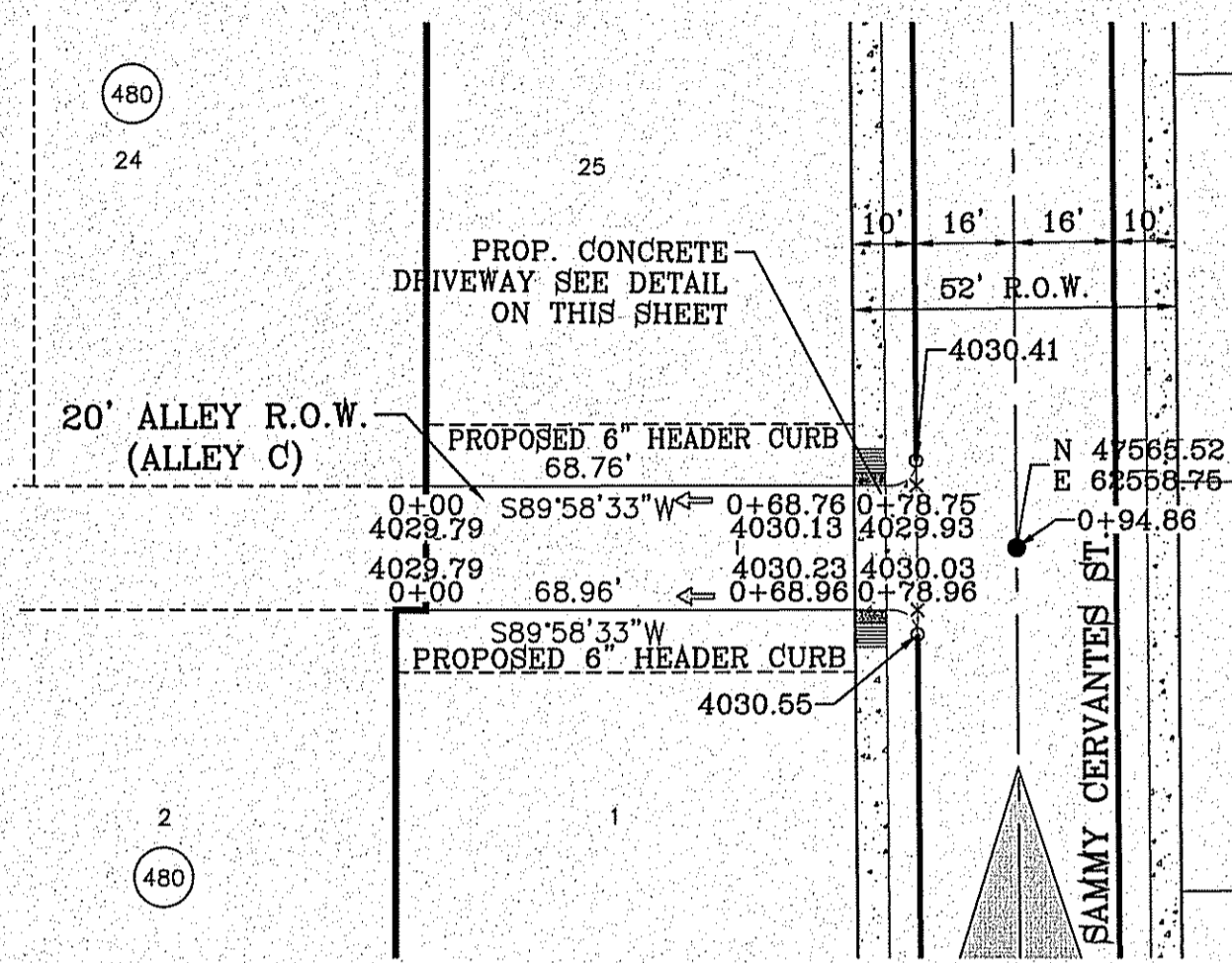


**SHEET TITLE**  
**STREET PLAN-PROFILE**

**ALLEY B-3**



FILE LOCATION: \\Subdivisions\TDE 81\_B\DWG\PP-ALLEY C & D PLOTTED ON Friday, November 2, 2018 2:24:44 PM BY FELIX RODRIGUEZ



**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION

**Final Approval**

CITY OF EL PASO, TEXAS

GRAPHIC SCALE  
SCALE: 1"=30'

MATCH LINE 6+50  
SEE NEXT SHEET

BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

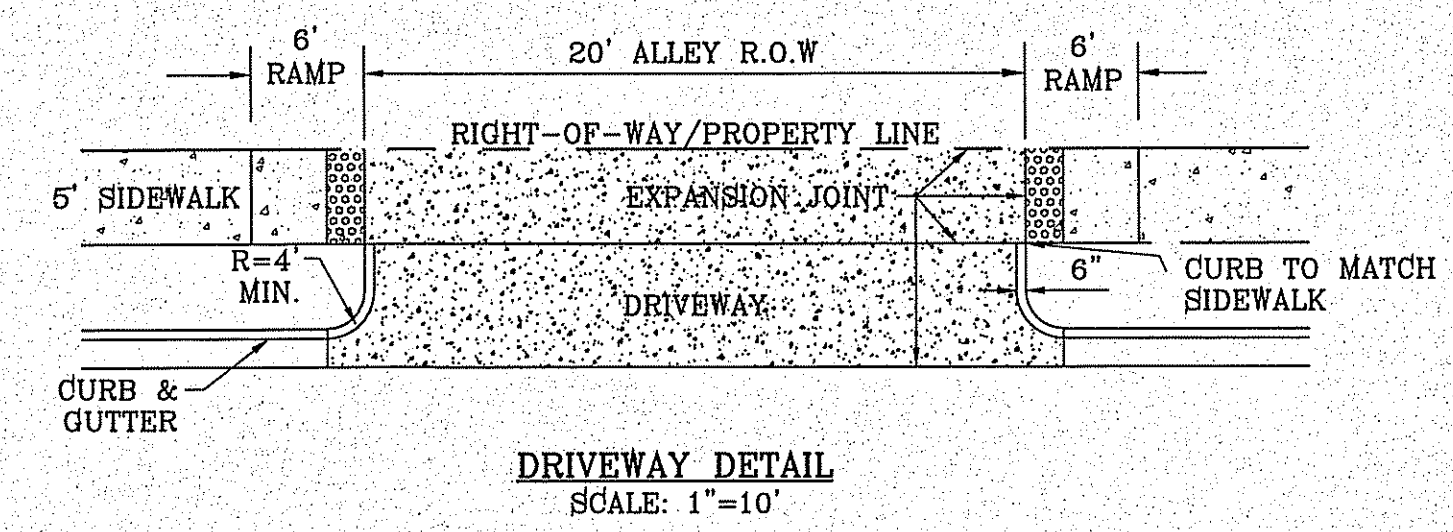
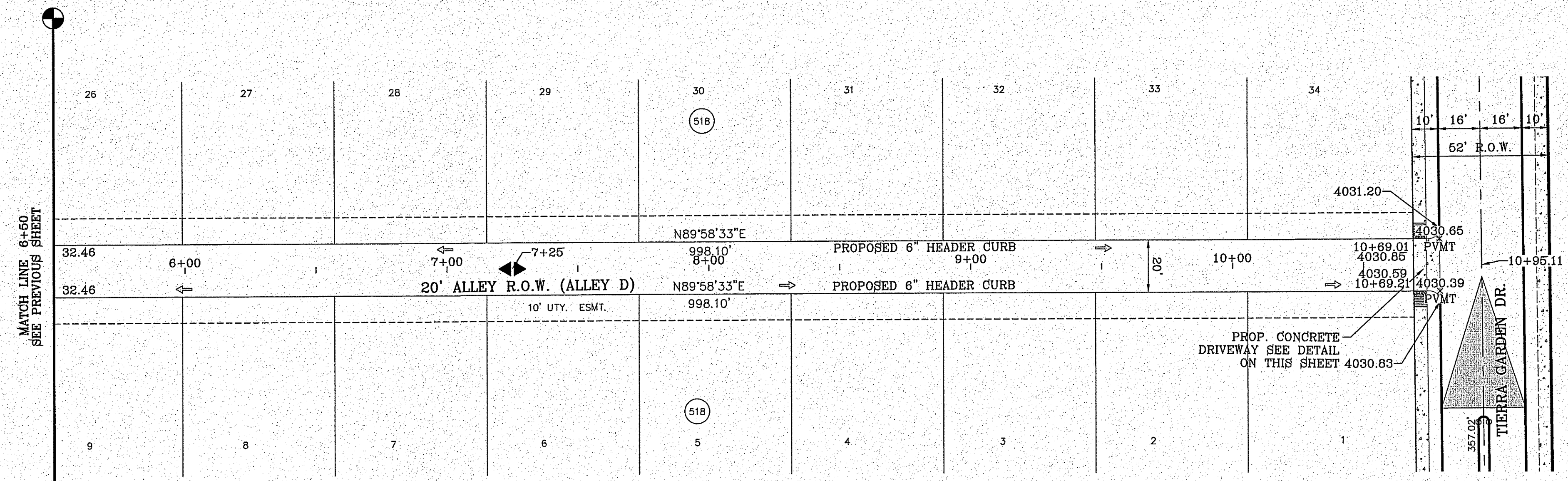
DATE	REVISIONS	BY

**PROJECT NAME**  
**TERRA DEL ESTE UNIT 81 "B"**

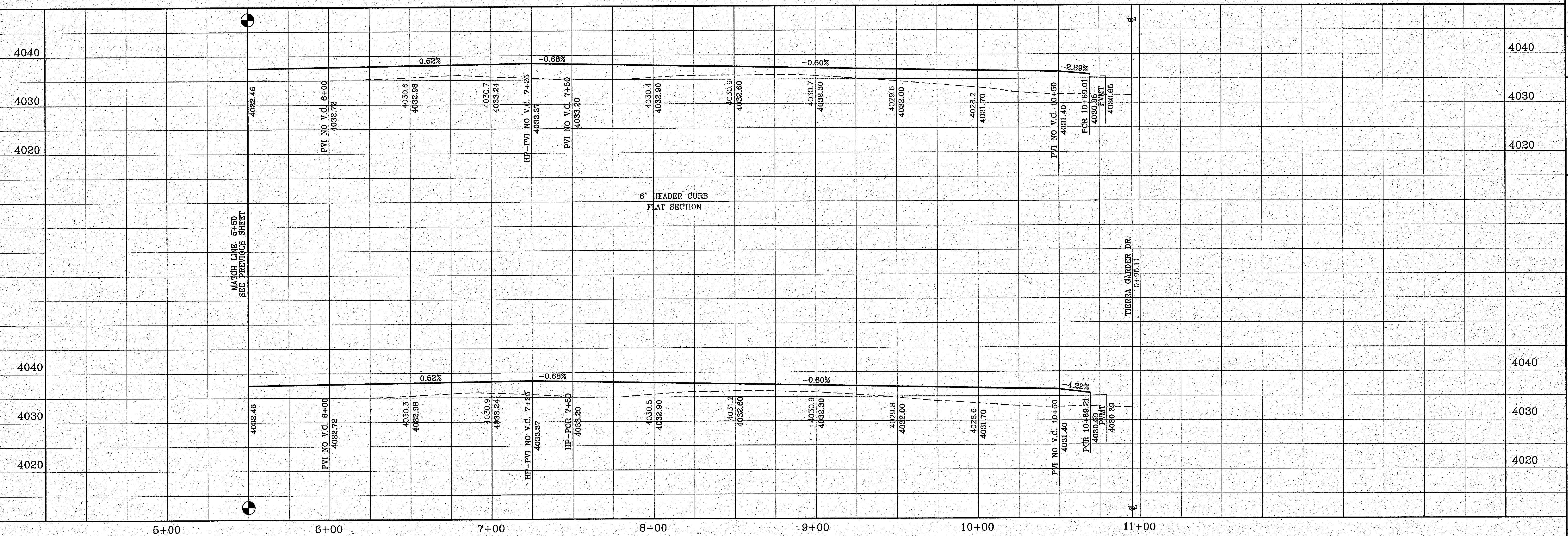
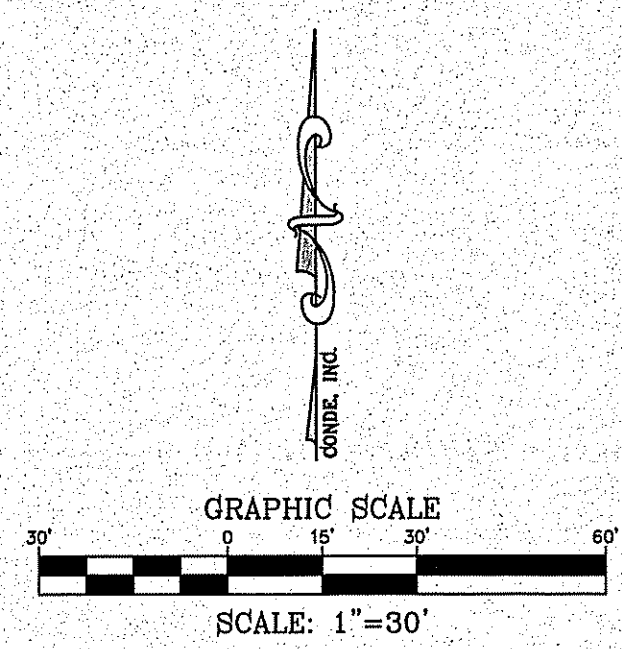
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING .1603274 ACRES

Station	Elevation	Notes	Station	Elevation	Notes
0+00	4029.79	6" HEADER CURB FLAT SECTION	1+00	4030.41	
0+00	4029.79		1+00	4030.23	
0+00	4029.79		1+00	4030.03	
0+00	4029.79		1+00	4030.55	
0+00	4029.79		1+00	4030.13	
0+00	4029.79		1+00	4030.76	
0+00	4029.79		1+00	4030.93	
0+00	4029.79		1+00	4030.18	
0+00	4029.79		1+00	4030.86	
0+00	4029.79		1+00	4030.52	
0+00	4029.79		1+00	4030.76	
0+00	4029.79		1+00	4030.93	
0+00	4029.79		1+00	4030.13	
0+00	4029.79		1+00	4030.76	
0+00	4029.79		1+00	4030.93	
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0+00	4029.79		1+00	4030.93	
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0+00	4029.79		1+00	4030.76	
0+00	4029.79		1+00	4030.93	
0+00	4029.79		1+00	4030.13	
0+00	4029.79		1+00	4030.76	
0+00	4029.79		1+00	4030.93	
0+00	4029.79		1+00	4030.13	
0+00	4029.79		1+00	4030.76	
0+00	4029.79		1+00	4030.93	
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FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-ALLEY C & D PLOTTED ON Friday, November 2, 2018 2:24:53 PM BY FELIX RODRIGUEZ



- LEGEND**
- DIRECTIONAL RAMP
  - WEDGE RAMP
  - RAMP AT PARK
  - LOW POINT
  - HIGH POINT
  - FLOW DIRECTION
  - AS-BUILT ELEVATION



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4023.96 ..... NAVD 88

DATE	REVISIONS	BY

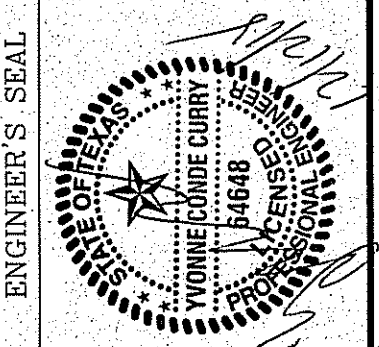
**PROJECT NAME**  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, RANGE 10, COUNTY OF EL PASO, TEXAS. CITY OF EL PASO, TEXAS. CONTAINING 1.603272 ACRES

**SCALE**

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

DATE: SEP. 2018  
 DESIGN BY: Y.C.  
 INITIATED BY: F.R.  
 CHECKED BY: Y.C.  
 JOB NO.: 718-68



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

6080 SURETY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0283  
 FAX: (915) 592-0286

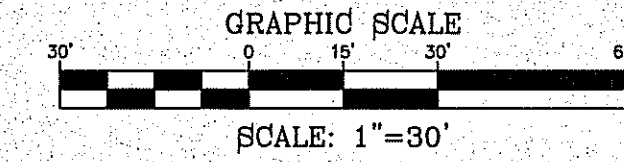
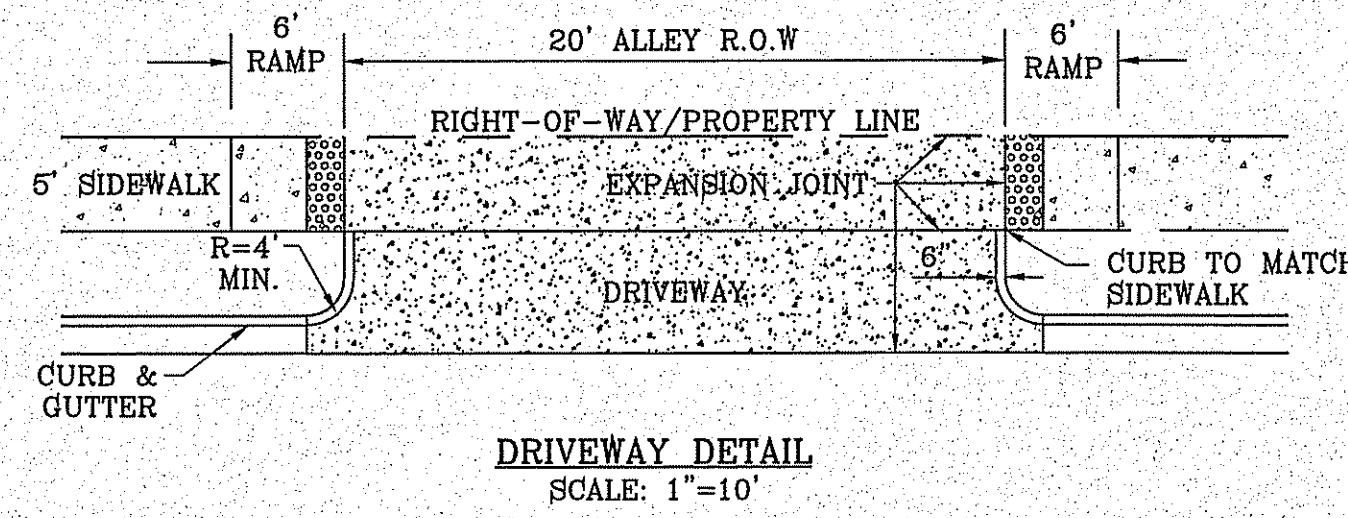


**SHEET TITLE**  
 STREET  
 PLAN-PROFILE

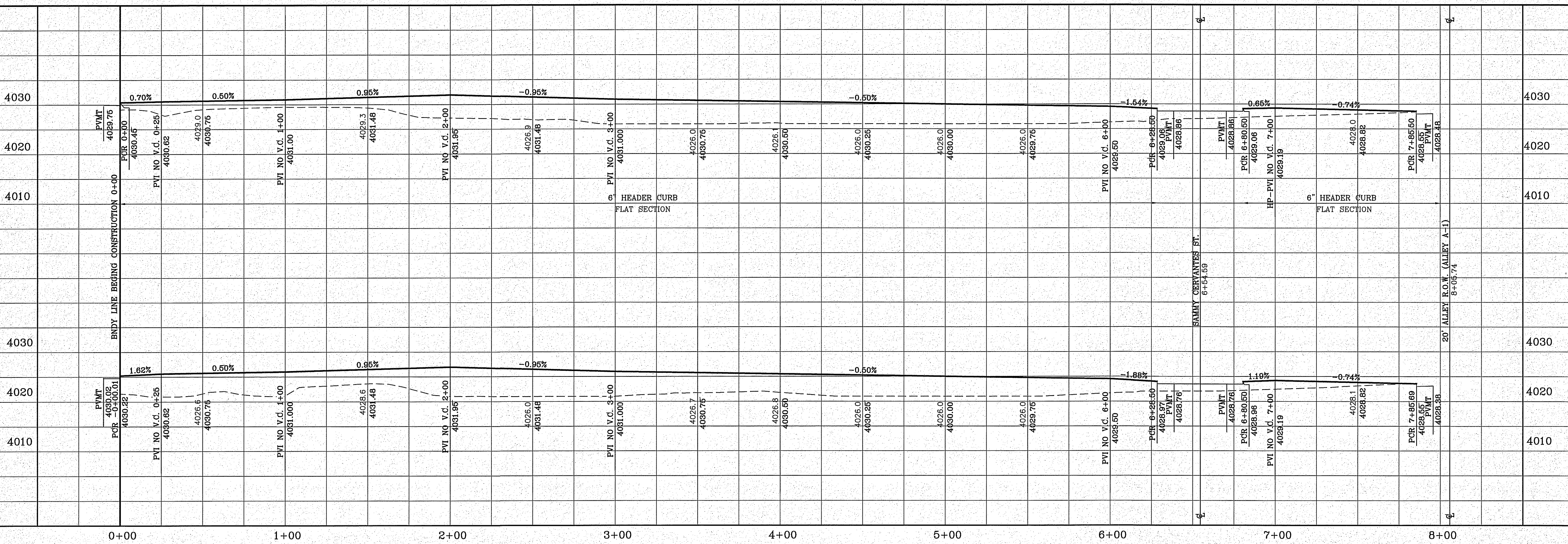
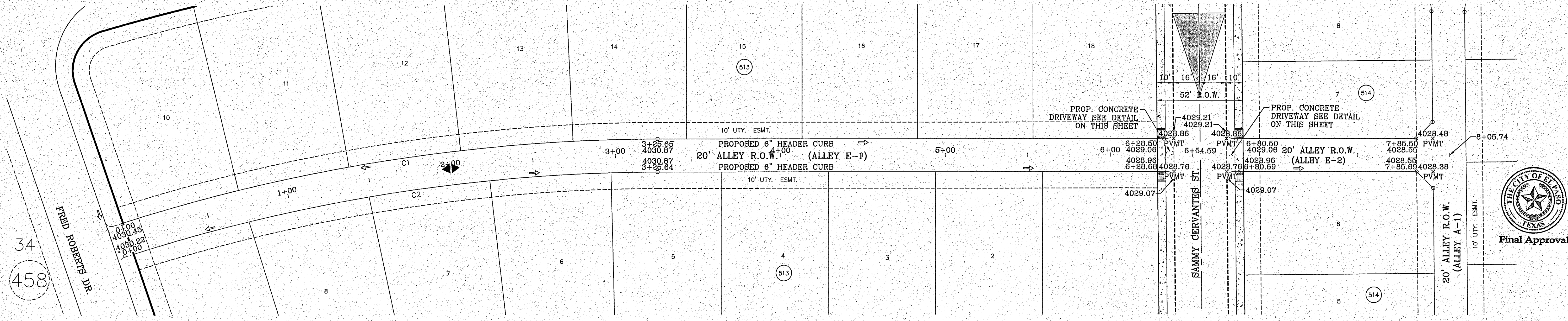
**ALLEY D**

FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-ALLEY E PLOTTED ON Friday, November 2, 2018 2:25:13 PM BY FELIX RODRIGUEZ

CURVE TABLE						
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA



LEGEND	
	DIRECTIONAL RAMP
	WEDGE RAMP
	RAMP AT PARK
	LOW POINT
	HIGH POINT
	FLOW DIRECTION
	AS-BUILT ELEVATION



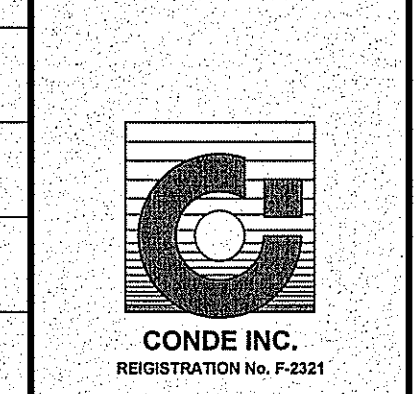
BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY ST AND MIKE FREDRICK DRIVE ELEVATION = 4023.36 .....NAVD 88
DATE	
REVISIONS	
BY	

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.3274 ACRES

SCALE	HORIZ: 1"=30' VERT: 1"=10'
DATE	SEP. 2018
DESIGN BY	Y.C.
INITIATED BY	F.R.
CHECKED BY	Y.C.
JOB NO.	718-58

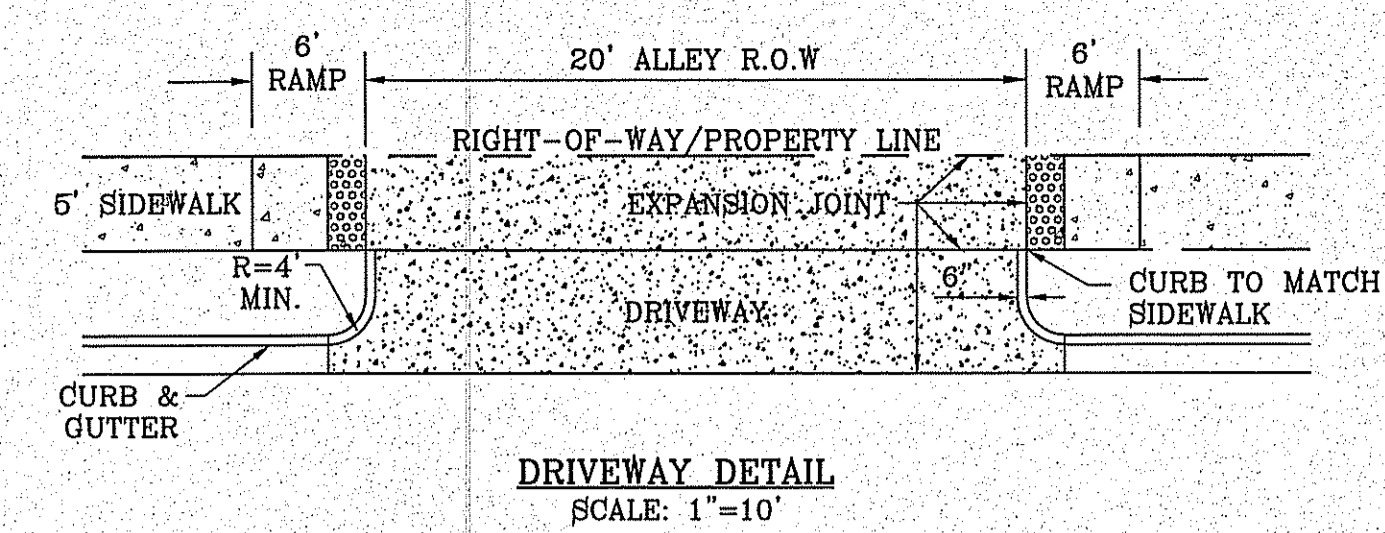
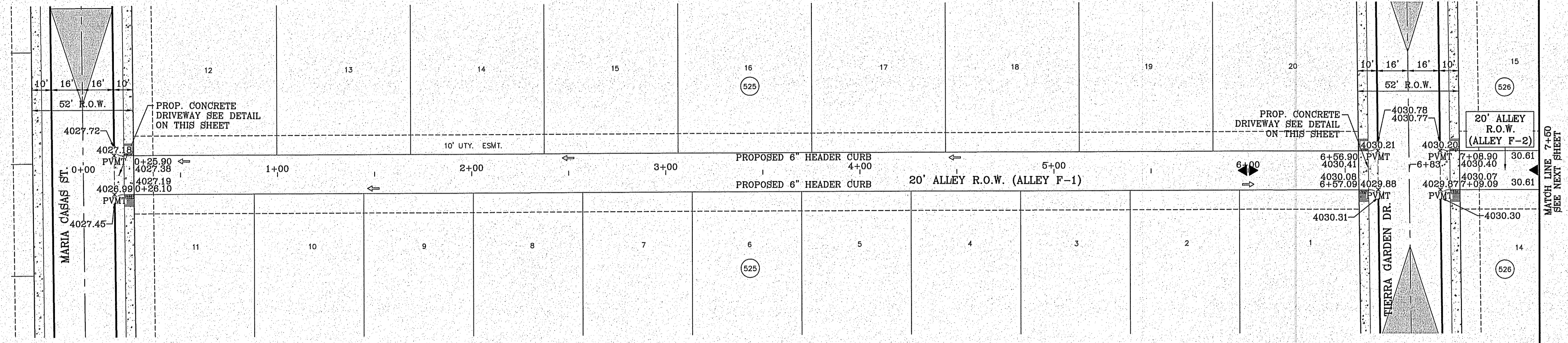
CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



SHEET TITLE  
**ALLEY E**

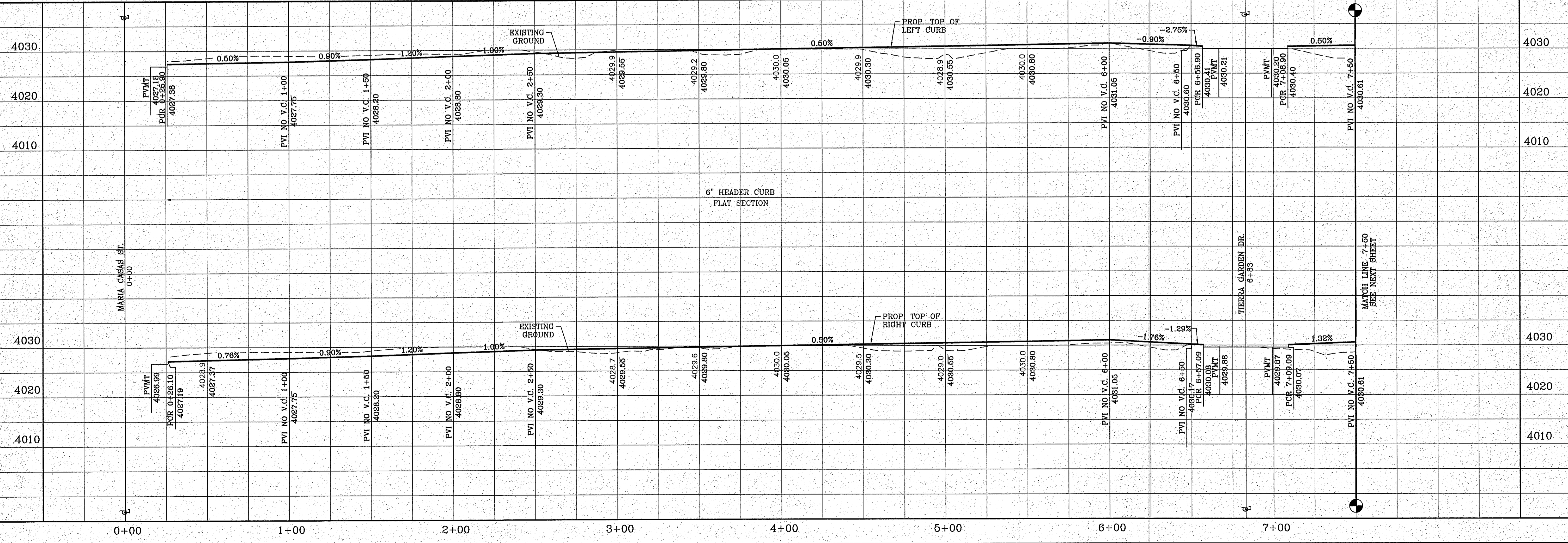
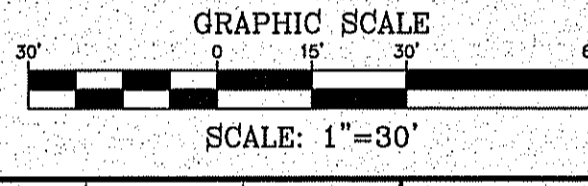


FILE LOCATION: S:\Subdivisions\TDE 81 E\DWG\PP-ALLEY F PLOTTED ON Friday, November 2, 2018 2:25:44 PM BY FELIX RODRIGUEZ



**LEGEND**

- DIRECTIONAL RAMP
- WEDGE RAMP
- RAMP AT PARK
- LOW POINT
- HIGH POINT
- FLOW DIRECTION
- AS-BUILT ELEVATION



**BENCHMARK**

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

DATE: \_\_\_\_\_ REVISIONS: \_\_\_\_\_ BY: \_\_\_\_\_

**PROJECT NAME**

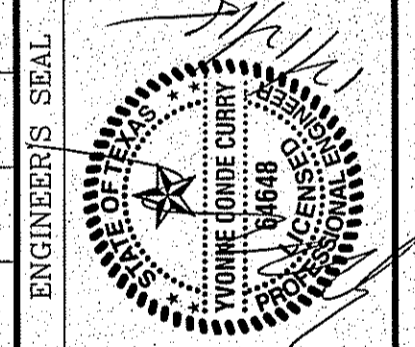
**TERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES

**SCALE**

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

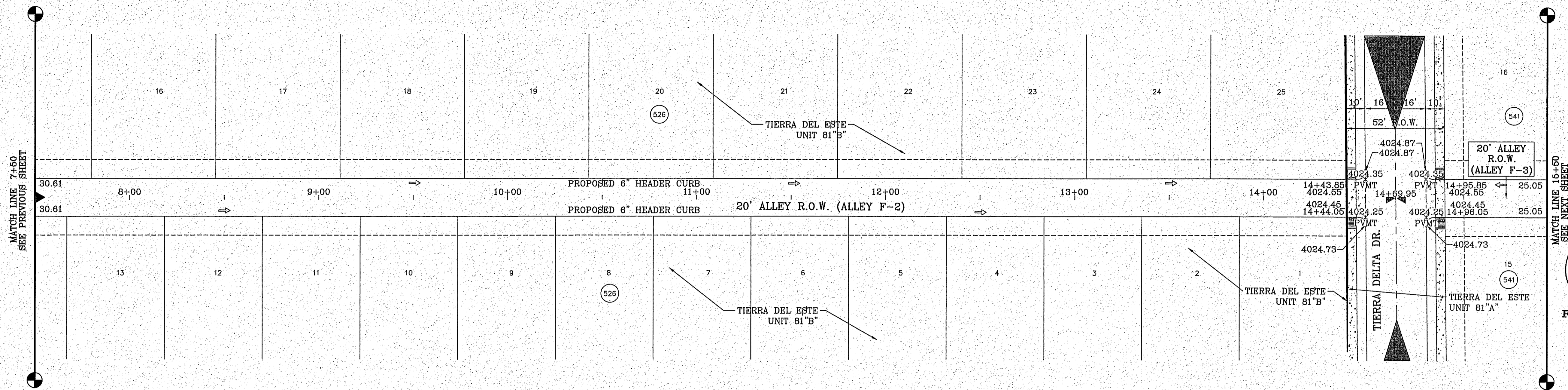


**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6060 SURVEY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

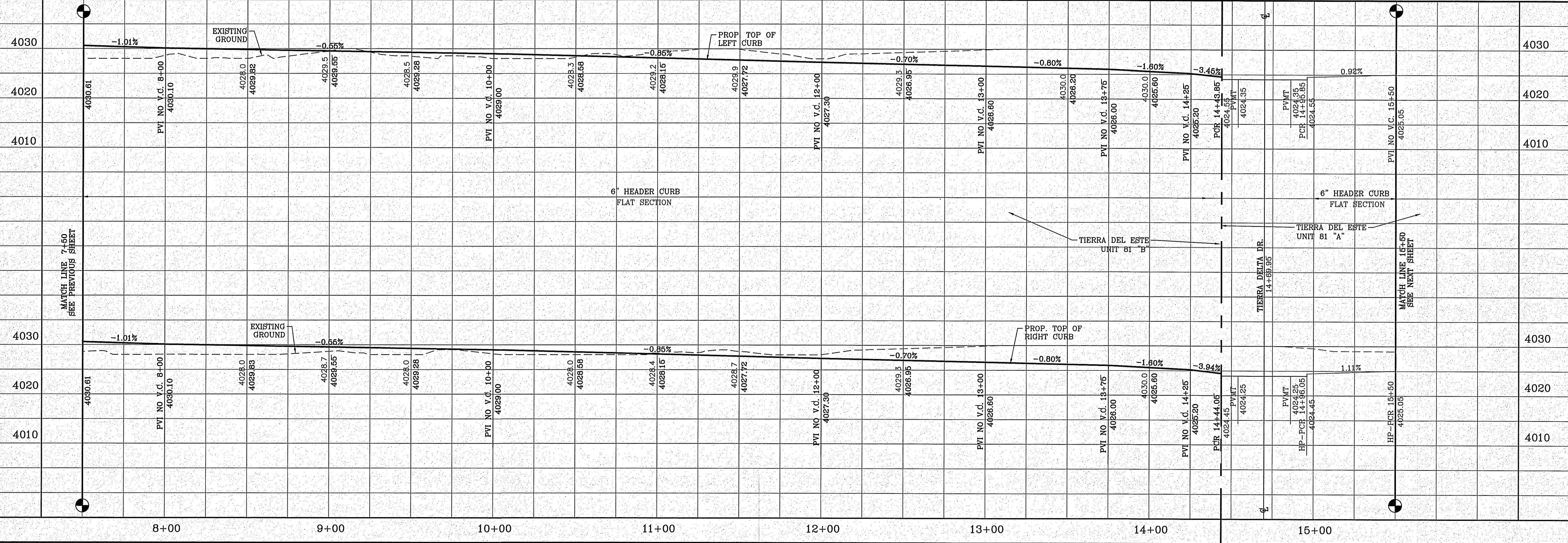
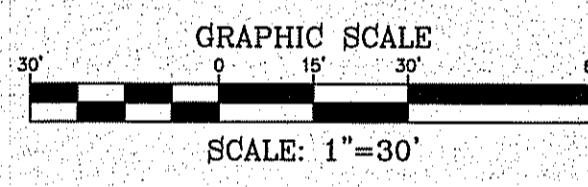
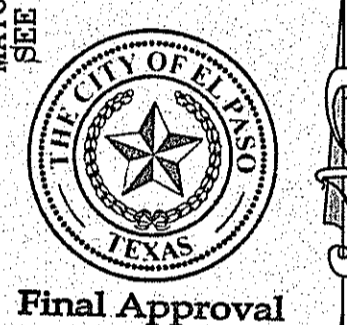
**CONDE INC.**  
REGISTRATION No. P-2321

SHEET TITLE  
**STREET PLAN-PROFILE**  
**ALLEY F-1**

FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\PP-ALLEY F PLOTTED ON Friday, November 2, 2018 2:25:58 PM BY FELIX RODRIGUEZ



- LEGEND**
- DIRECTIONAL RAMP
  - WEDGE RAMP
  - RAMP AT PARK
  - LOW POINT
  - HIGH POINT
  - FLOW DIRECTION
  - AS-BUILT ELEVATION



BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**  
BEING PORTION OF SECTION 48, BLOCK 78, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.327± ACRES

ENGINEER'S SEAL  
S. C. A. E.  
HORIZ: 1"=30'  
VERT: 1"=10'  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: Y.C.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**CONDE INC.**  
REGISTRATION No. F-2321

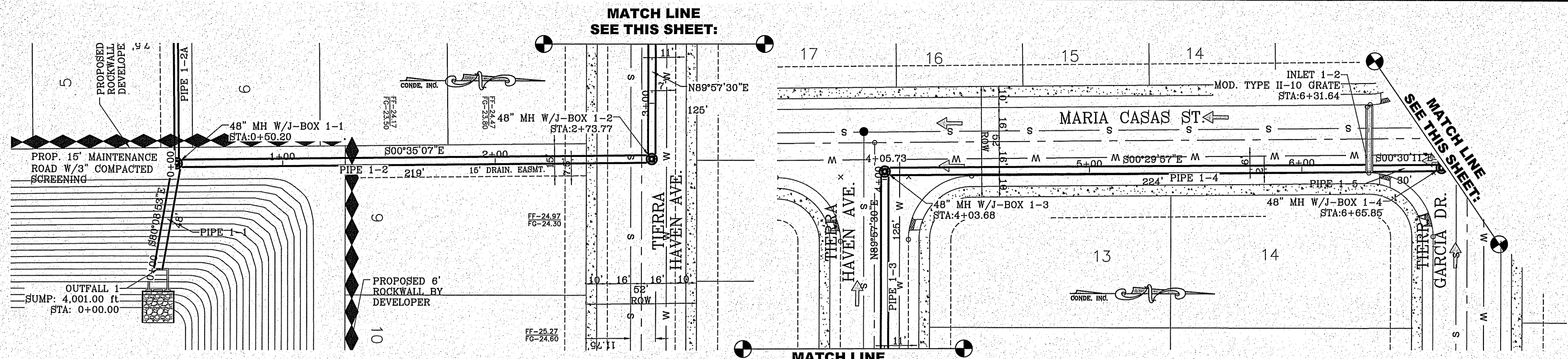
SHEET TITLE  
**STREET PLAN-PROFILE**

**ALLEY F-2**

SHT 82 OF 100

TDE 81 "B"

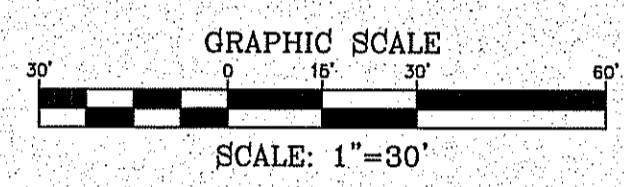
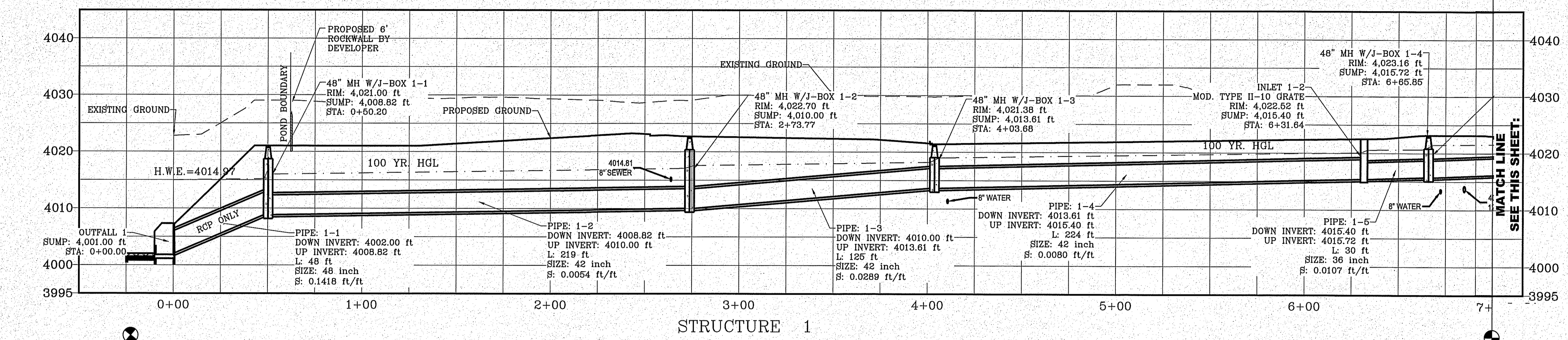
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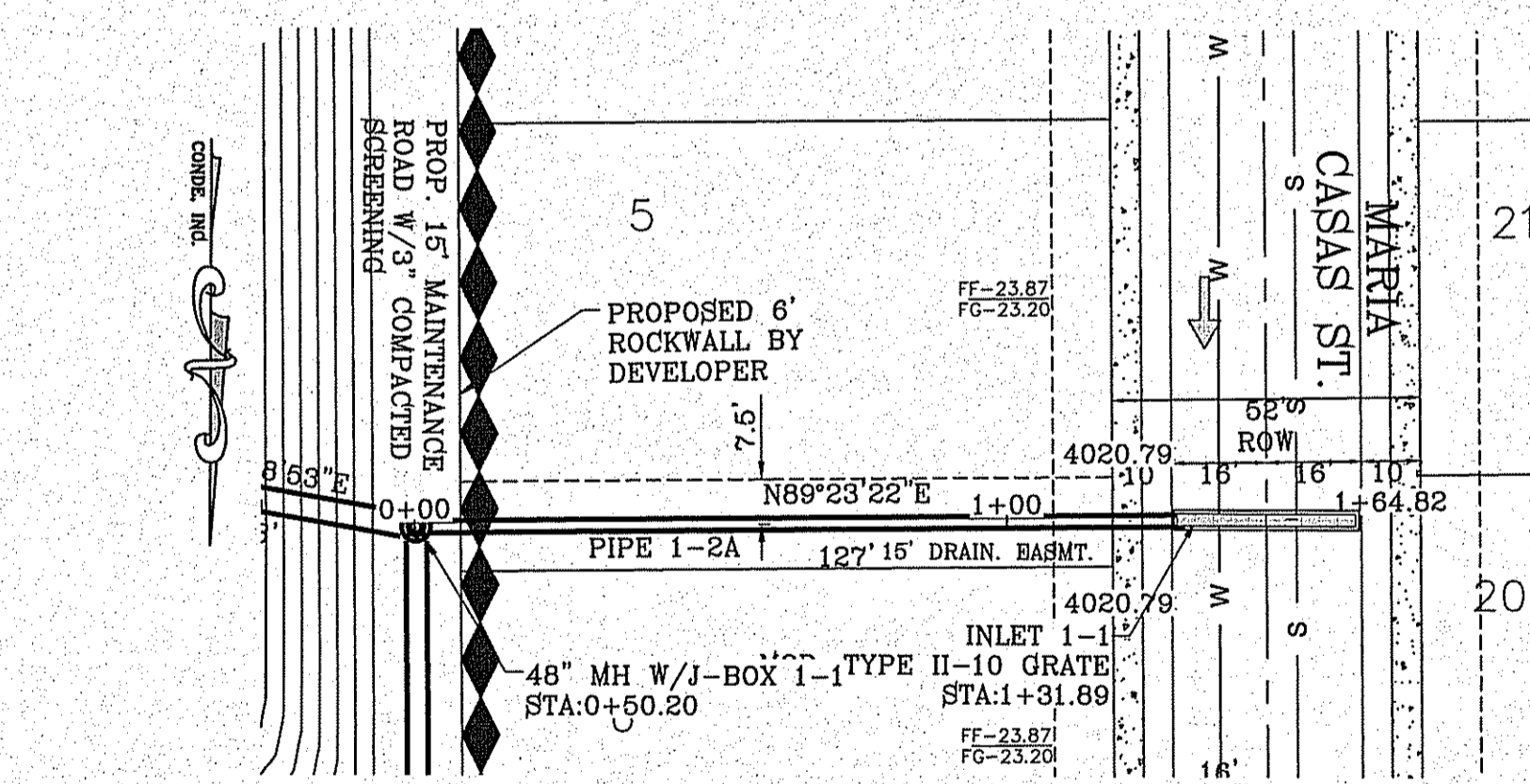
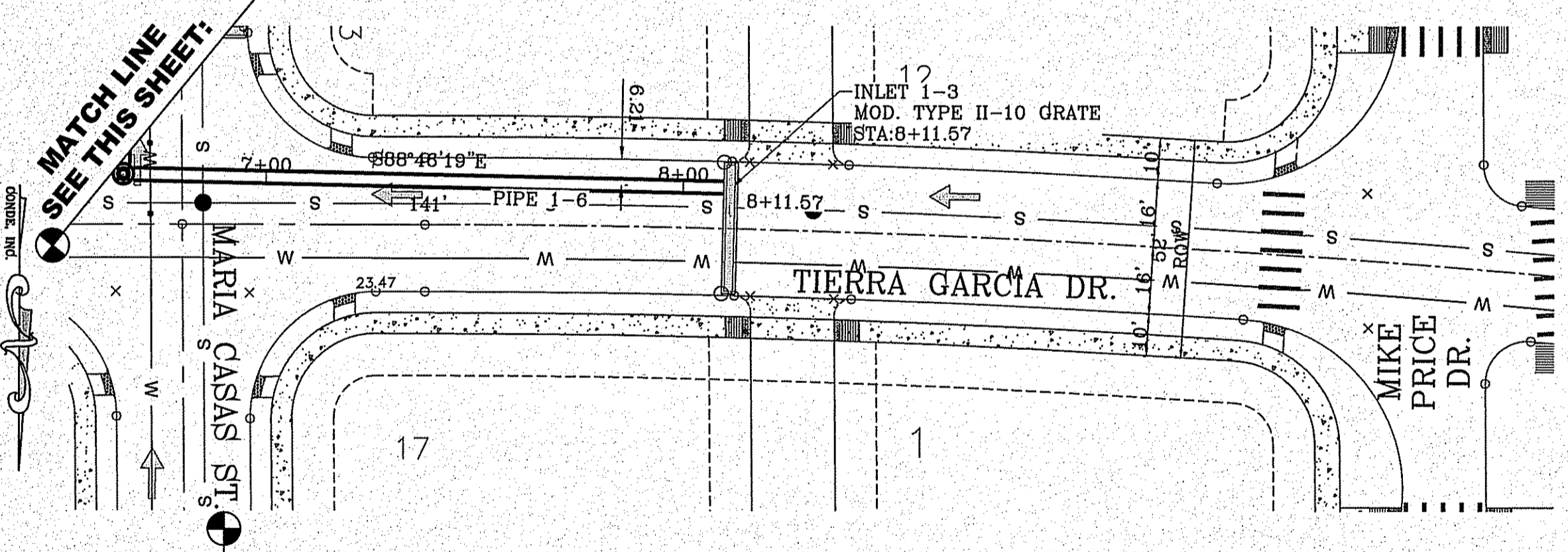
INLET DATA					
INLET No.	INLET TYPE	No. GRATES	Qd <sub>60</sub> yr. cfs	Qd <sub>100</sub> yr. cfs	Qc cfs
1-1	II Mod.	10	24.75	30.00	77.20
1-2	II Mod.	10	32.83	39.81	77.20
1-3	II Mod.	10	37.85	45.90	77.20

CLOGGING FACTOR = 2/3

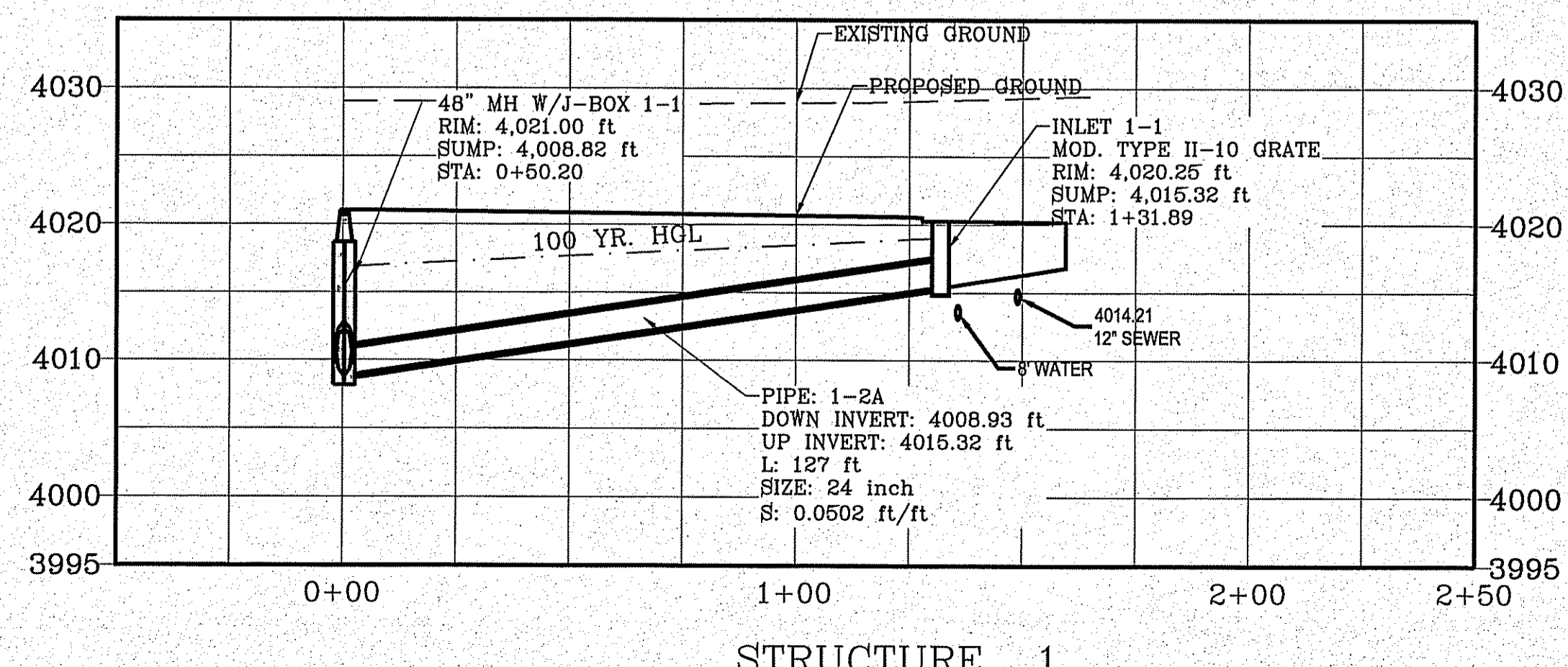
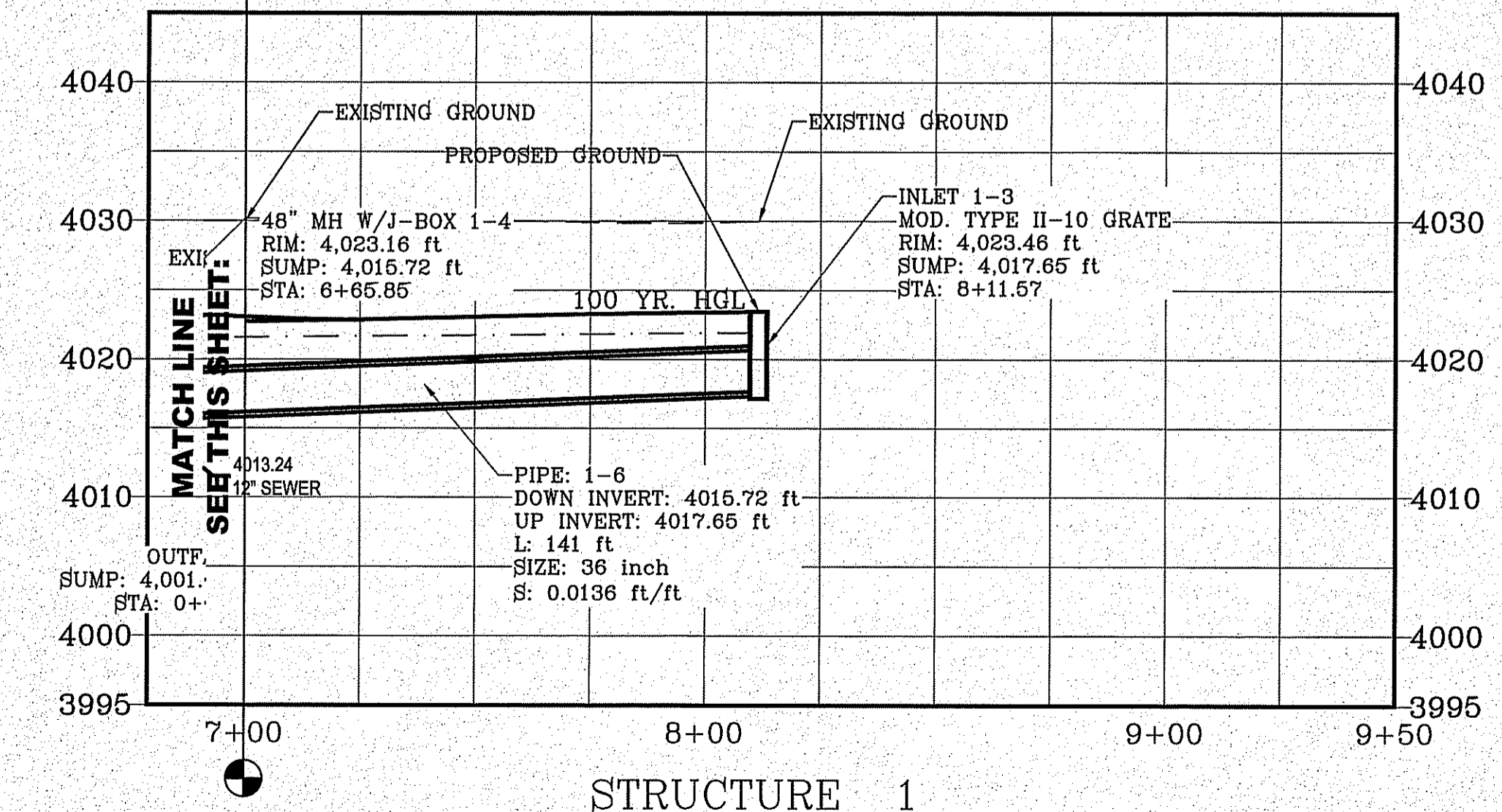
STREET CARRYING CAPACITY-FLAT-60 YR STORM					
STREET NAME	STATION	Q <sub>s</sub> CFS	Velocity	Depth	Q <sub>cap</sub> CFS @ 5"
TERRA GARCIA DR.	4+40	38.25	3.41	0.43	51.26
MARIA CASAS ST.	10+60	26.42	2.95	0.36	51.26



**\*SANITITE HP NOTE\***  
 PIPE FITTINGS SHALL BE TRIPLE WALL, SMOOTH INTERIOR AND EXTERIOR, WITH ANNULAR INNER CORRUGATIONS IN CONFORMANCE TO ASTM F2764 FOR PIPE DIAMETERS 30" TO 60". PIPE FITTINGS FOR DIAMETERS UP TO AND INCLUDING 60" SHALL HAVE A MINIMUM PIPE STIFFNESS OF 40 PSI WHEN TESTED IN ACCORDANCE WITH ASTM D2412. PIPE FITTINGS FOR DIAMETERS UP TO AND INCLUDING 60" SHALL BE WATERTIGHT ACCORDING TO THE REQUIREMENTS OF ASTM D3212.



PIPE TABLE										
Pipe	SIZE	LENGTH	SLOPE (FT/FT)	DOWN INV.	UP INV.	QEXP (CFS)	QCAP (CFS)	HGL UP	HGL DOWN	AVERAGE VELOCITY (FT/S)
1-1	48"	48'	0.1418	4002.00	4008.82	105.90	550.03	4015.18	4014.97	7.59
1-2	42"	219'	0.0054	4008.82	4010.00	75.90	110.14	4017.06	4015.98	7.35
1-2A	24"	127'	0.0502	4008.93	4015.32	30.88	39.79	4018.98	4018.89	9.83
1-3	42"	125'	0.0289	4010.00	4013.61	75.90	276.98	4018.18	4017.56	7.35
1-4	42"	224'	0.0080	4013.61	4015.40	75.90	97.00	4020.09	4018.98	7.35
1-5	36"	30'	0.0107	4015.40	4015.72	45.90	68.75	4020.68	4020.59	5.35
1-6	36"	141'	0.0136	4015.72	4017.65	45.90	62.99	4021.94	4021.48	5.35



PIPES ARE EITHER CLASS III R.C.P. OR SANITITE HP TRIPLE WALL 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.
  - SANITITE HP TRIPLE WALL TO BE USED AS AN APPROVED ALTERNATE FOR ALL PIPE EXCEPT FOR THE PIPE ENTERING THE POND.

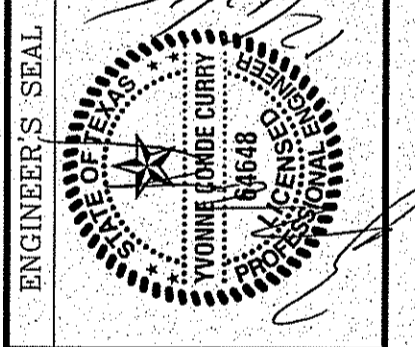


Final Approval

BENCHMARK  
 CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
 ELEVATION = 4023.96 .....NAVD 88

PROJECT NAME  
**TERRA DEL ESTE UNIT 81 "B"**  
 BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327+ ACRES

S.C.A.L.E.  
 HORIZ: 1"=30'  
 VERT: 1"=10'  
 DATE: SEP. 2018  
 DESIGN BY: Y.C.  
 INITIATED BY: F.R.  
 CHECKED BY: Y.C.  
 JOB NO.: 718-58



CONDE INC.  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 6030 SURETY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0283  
 FAX: (915) 592-0286

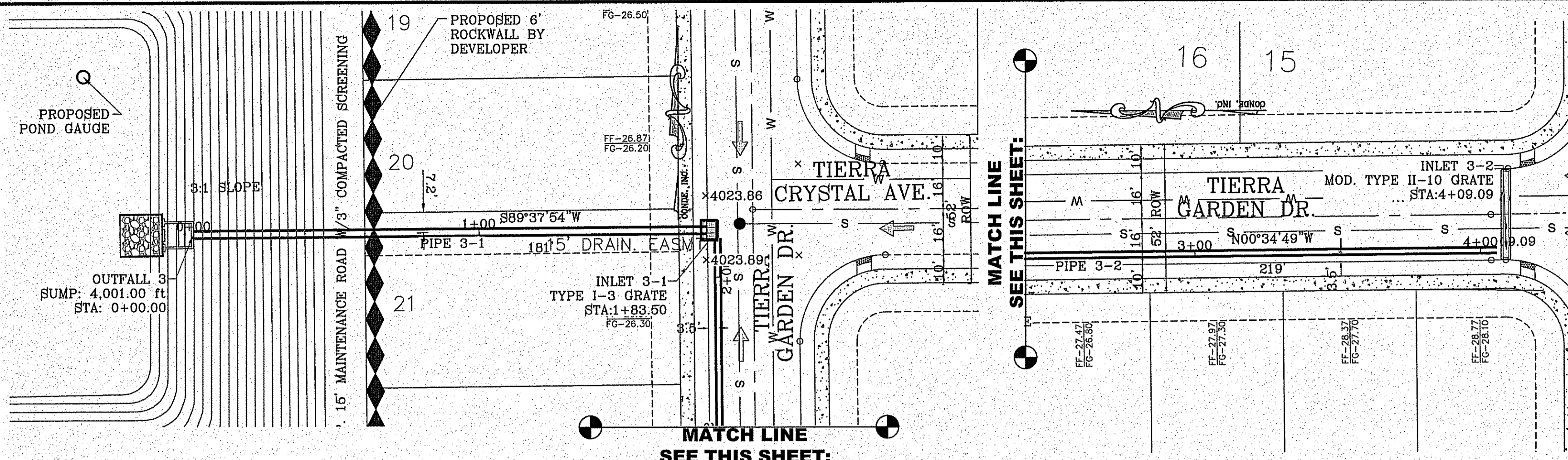


SHEET TITLE

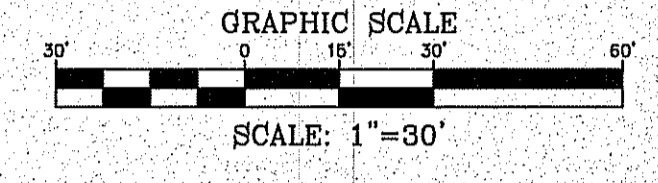
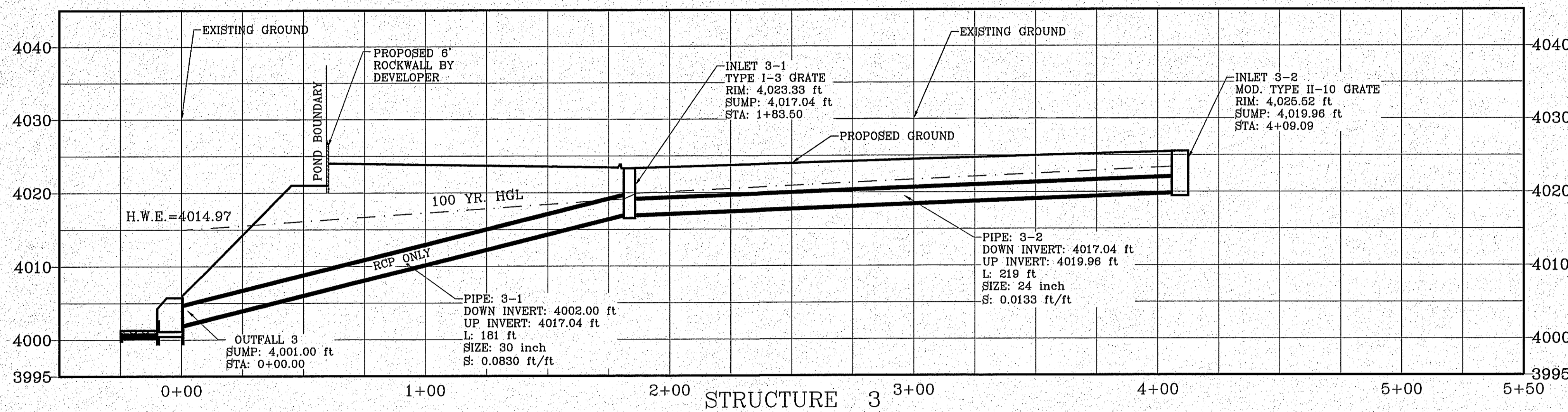
**STRUCTURE # 1**



FILE LOCATION: S:\Subdivisions\TDE 81 B.DWG\TDE-81\_DRAINAGE STRUCTURES PLOTTED ON Friday, November 2, 2018 2:27:56 PM BY FELIX RODRIGUEZ



Pipe	SIZE	LENGTH	SLOPE (FT/FT)	DOWN INV.	UP INV.	QEXP (CFS)	QCAP (CFS)	HGL UP	HGL DOWN	AVERAGE VELOCITY (FT/S)
3-1	30"	181'	0.0830	4002.00	4017.04	50.97	117.10	4019.12	4014.97	10.57
3-2	24"	219'	0.0133	4017.04	4019.96	28.52	26.06	4023.40	4019.92	9.08



**\*SANITITE HP NOTE\***  
 PIPE FITTINGS SHALL BE TRIPLE WALL, SMOOTH INTERIOR AND EXTERIOR, WITH ANNULAR INNER CORRUGATIONS IN CONFORMANCE TO ASTM F2764 FOR PIPE DIAMETERS 30" TO 60". PIPE FITTINGS FOR DIAMETERS UP TO AND INCLUDING 60" SHALL HAVE A MINIMUM PIPE STIFFNESS OF 40 PSI WHEN TESTED IN ACCORDANCE WITH ASTM D2412. PIPE FITTINGS FOR DIAMETERS UP TO AND INCLUDING 60" SHALL BE WATERTIGHT ACCORDING TO THE REQUIREMENTS OF ASTM D3212.

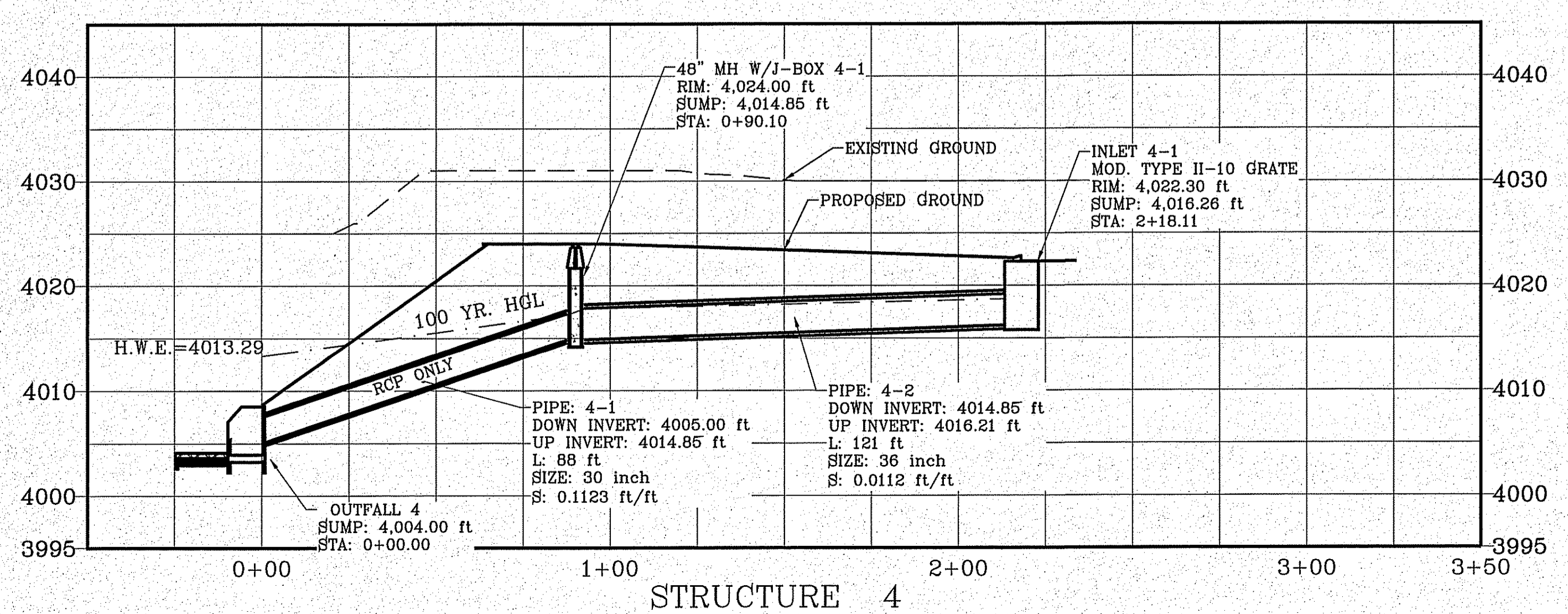
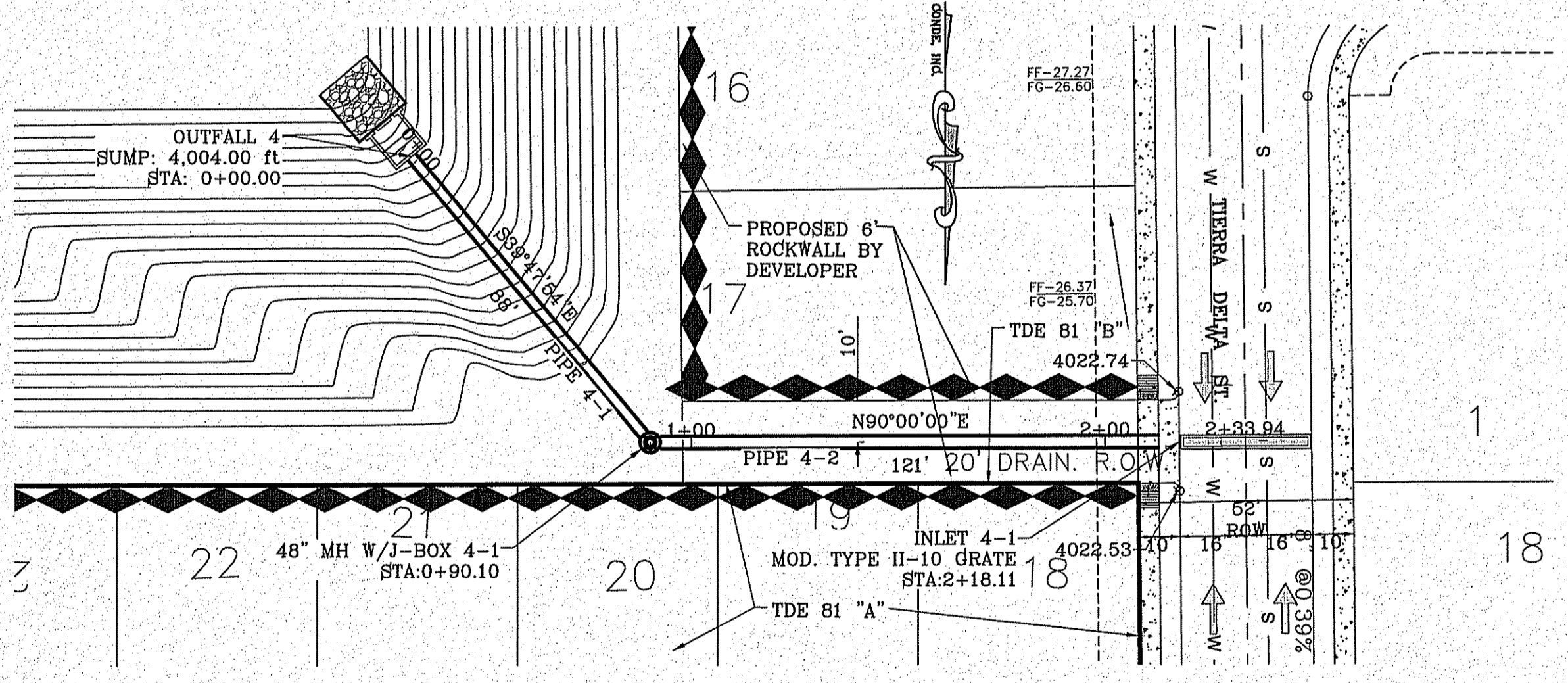
INLET No.	INLET TYPE	No. GRATES	Q <sub>d60</sub> cfs	Q <sub>d100</sub> cfs	Q <sub>c</sub> cfs
3-1	I	3	18.52	22.45	32.70
3-2	II Mod.	10	23.52	28.52	77.20
4-1	II Mod.	10	46.62	56.48	77.20

CLOGGING FACTOR = 2/3

PIPES ARE EITHER CLASS III R.C.P OR SANITITE HP TRIPLE WALL 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.
  - SANITITE HP TRIPLE WALL TO BE USED AS AN APPROVED ALTERNATE FOR ALL PIPE EXCEPT FOR THE PIPE ENTERING THE POND.

STREET NAME	STATION	Q <sub>c</sub> CFS	Velocity	Depth	Q <sub>d60</sub> CFS @ 5"
TIERRA GARDEN DR.	13+55	23.52	2.73	0.35	51.26
TIERRA DELTA ST.	4+30	26.88	2.90	0.37	51.26



Pipe	SIZE	LENGTH	SLOPE (FT/FT)	DOWN INV.	UP INV.	QEXP (CFS)	QCAP (CFS)	HGL UP	HGL DOWN	AVERAGE VELOCITY (FT/S)
4-1	30"	88'	0.1123	4005.00	4014.85	56.48	128.69	4017.20	4013.29	11.63
4-2	36"	121'	0.0112	4014.85	4016.21	56.48	70.49	4018.70	4017.80	8.60



BENCHMARK  
 CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
 ELEVATION = 4023.96 .....NAVD 88

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**  
 BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS  
 CONTAINING: 160.827+/- ACRES

SCALE  
 HORIZ: 1"=30'  
 VERT: 1"=10'  
 DATE: SEP. 2018  
 DESIGN BY: Y.C.  
 INITIATED BY: F.R.  
 CHECKED BY: Y.C.  
 JOB NO.: 718-58

ENGINEER'S SEAL  
 CONDE INC.  
 ENGINEERING / PLANNING SURVEYING / GPS  
 6080 SUBURBY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0283  
 FAX: (915) 592-0286

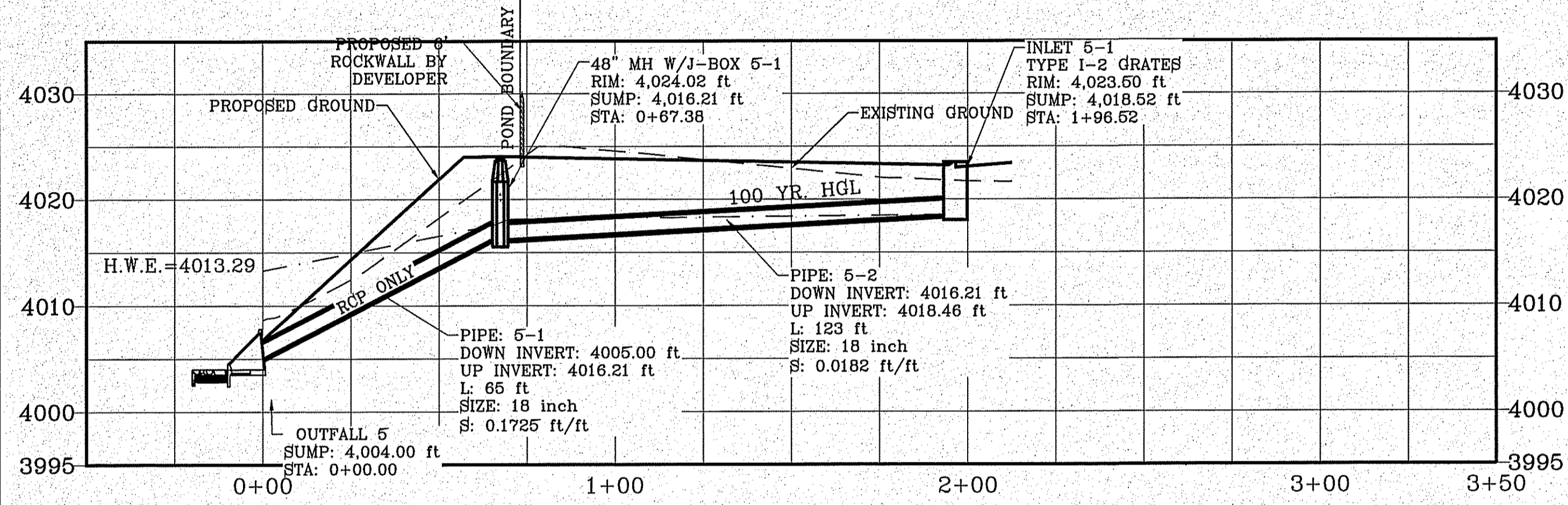
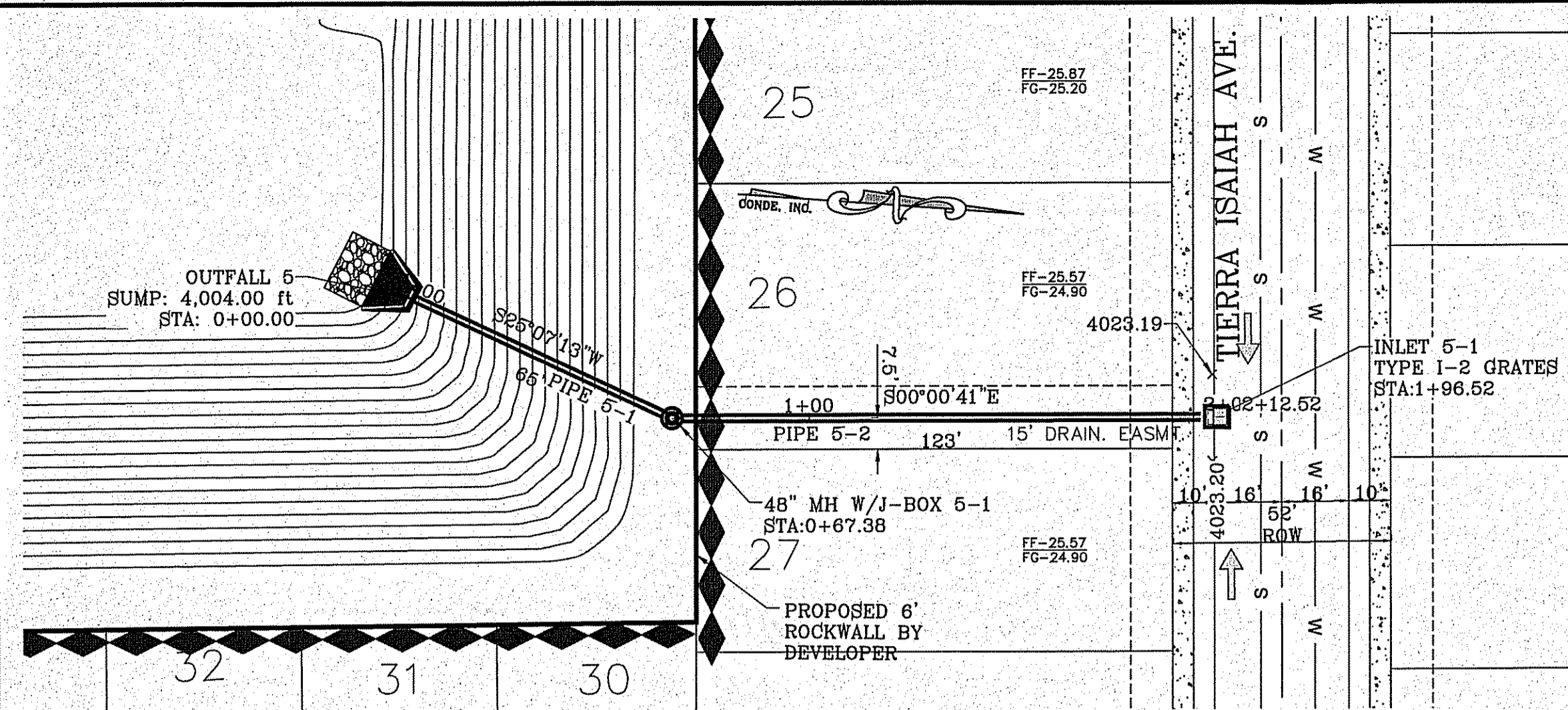
CONDE INC.  
 REGISTRATION No. P-2321

SHEET TITLE  
**STRUCTURE # 3&4**

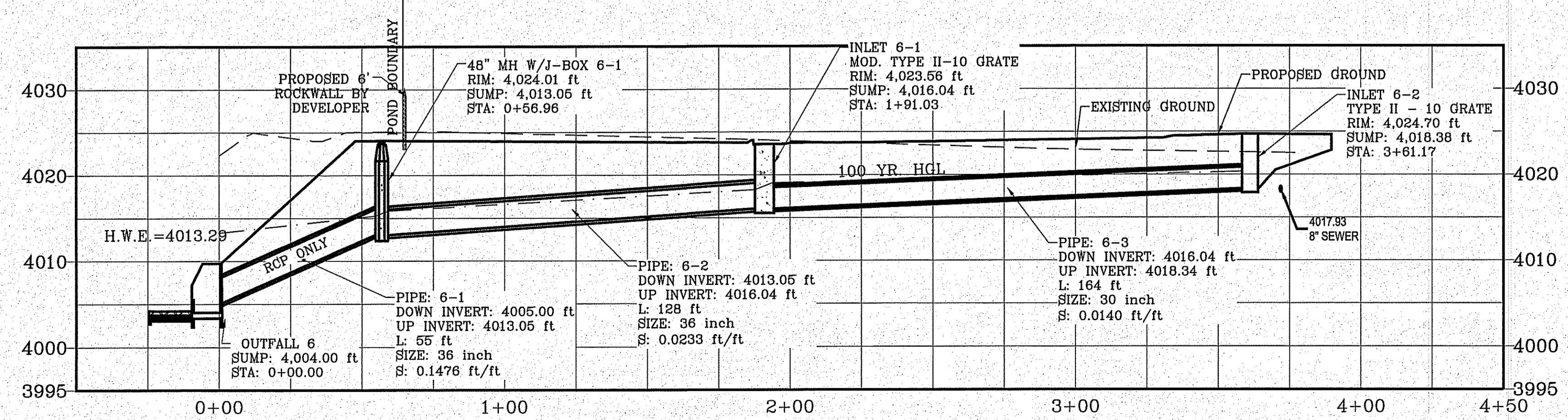
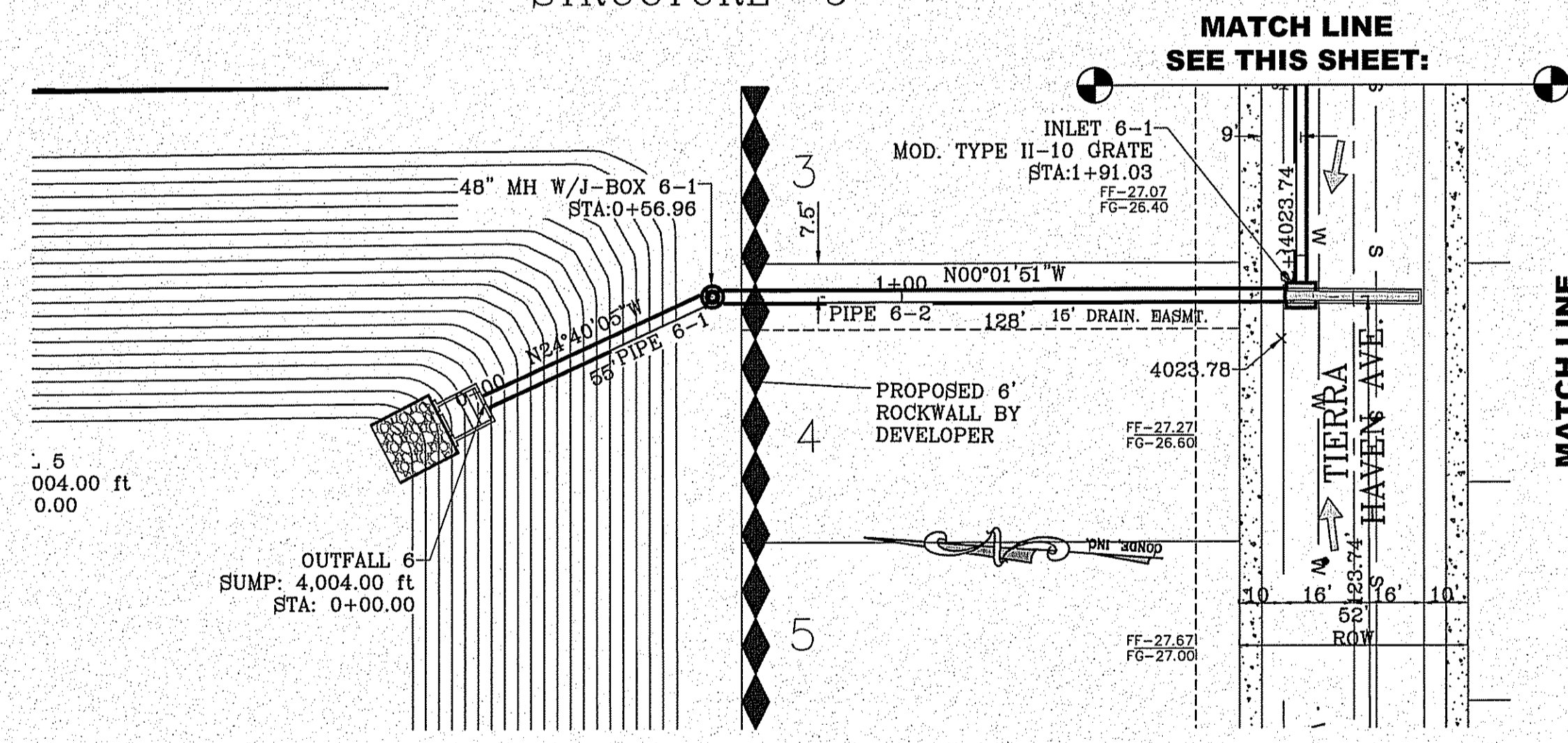
SHT 85 OF 100

TDE 81 "B"

FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\TDE-81 DRAINAGE STRUCTURES PLOTTED ON Friday, November 2, 2018 2:28:23 PM BY FELIX RODRIGUEZ



STRUCTURE 5



STRUCTURE 6

INLET DATA					
INLET No.	INLET TYPE	No. GRATES	Qd <sub>60</sub> yr. cfs	Qd <sub>100</sub> yr. cfs	Qc cfs
5-1	I	2	10.78	13.05	21.80
6-1	II Mod.	10	6.86	8.31	77.20
6-2	II Mod.	10	34.49	43.01	77.20

CLOGGING FACTOR = 2/3

PIPES ARE EITHER CLASS III R.C.P OR SANITITE HP TRIPLE WALL UNLESS OTHERWISE NOTED

CONSTRUCTION NOTES:

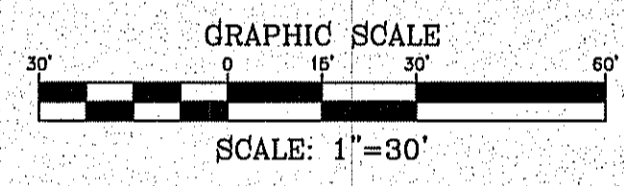
- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
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\*SANITITE HP NOTE\*

PIPE FITTINGS SHALL BE TRIPLE WALL, SMOOTH INTERIOR AND EXTERIOR, WITH ANNULAR INNER CORRUGATIONS IN CONFORMANCE TO ASTM F2764 FOR PIPE DIAMETERS 30" TO 60". PIPE FITTINGS FOR DIAMETERS UP TO AND INCLUDING 60" SHALL HAVE A MINIMUM PIPE STIFFNESS OF 40 PSI WHEN TESTED IN ACCORDANCE WITH ASTM D2412. PIPE FITTINGS FOR DIAMETERS UP TO AND INCLUDING 60" SHALL BE WATERTIGHT ACCORDING TO THE REQUIREMENTS OF ASTM D3212.

PIPE TABLE										
Pipe	SIZE	LENGTH	SLOPE (FT/FT)	DOWN INV.	UP INV.	QEXP (CFS)	QCAP (CFS)	HGL UP	HGL DOWN	AVERAGE VELOCITY (FT/S)
5-1	18"	65'	0.1725	4005.00	4016.21	13.05	41.76	4017.52	4013.29	7.58
5-2	18"	123'	0.0182	4016.21	4018.46	13.05	14.18	4018.52	4018.12	7.38

PIPE TABLE										
Pipe	SIZE	LENGTH	SLOPE (FT/FT)	DOWN INV.	UP INV.	QEXP (CFS)	QCAP (CFS)	HGL UP	HGL DOWN	AVERAGE VELOCITY (FT/S)
6-1	36"	55'	0.1476	4005.00	4013.05	51.32	206.40	4015.27	4013.29	7.69
6-2	36"	128'	0.0233	4013.05	4016.04	51.32	84.75	4018.27	4015.87	7.74
6-3	30"	164'	0.0140	4016.04	4018.34	43.01	56.89	4020.33	4019.07	7.32

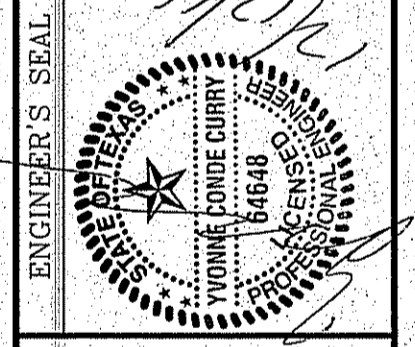


STREET CARRYING CAPACITY-1% CROWN-60 YR STORM					
STREET NAME	STATION	Qc CFS	Velocity	Depth	Qap CFS @ 5"
TIERRA ISAAH AVE.	13+55	26.88	2.90	0.37	51.26
TIERRA OASIS ST.	6+04	26.96	2.91	0.37	51.26
TIERRA HAVEN AVE.	19+42.58	8.31	2.0	0.13	59.86

BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**  
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING: 160.927± ACRES

SCALE  
HORIZ: 1"=30'  
VERT: 1"=10'  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58



CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6090 SURBERY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

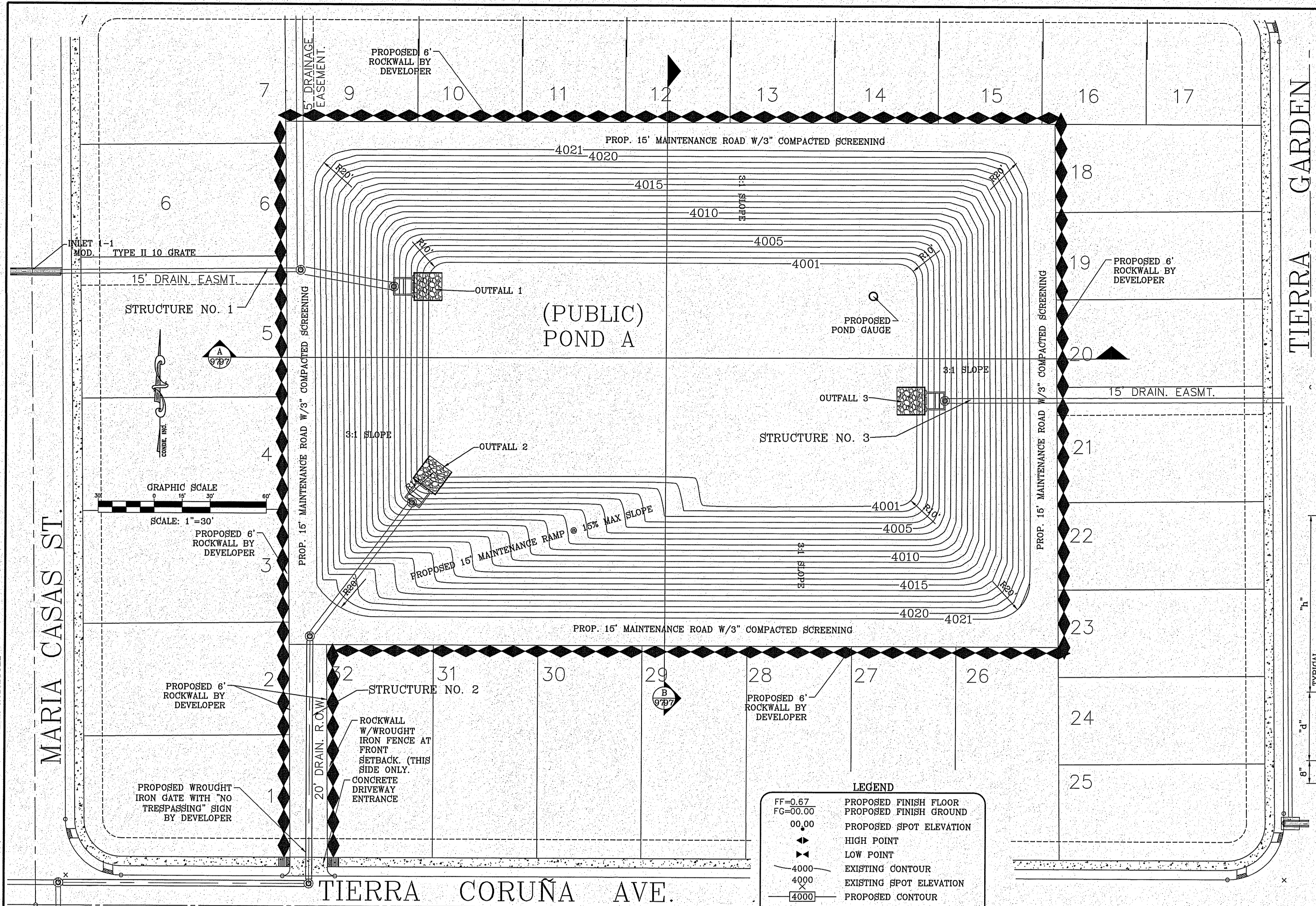


SHEET TITLE  
**STRUCTURE # 5&6**

SHT 86 OF 100

TDE 81 "B"

FILE LOCATION: s:\Subdivisions\TDE 81 B\DWG\PONDS A & B PLOTTED ON Friday, November 2, 2018 2:29:00 PM BY FELIX RODRIGUEZ

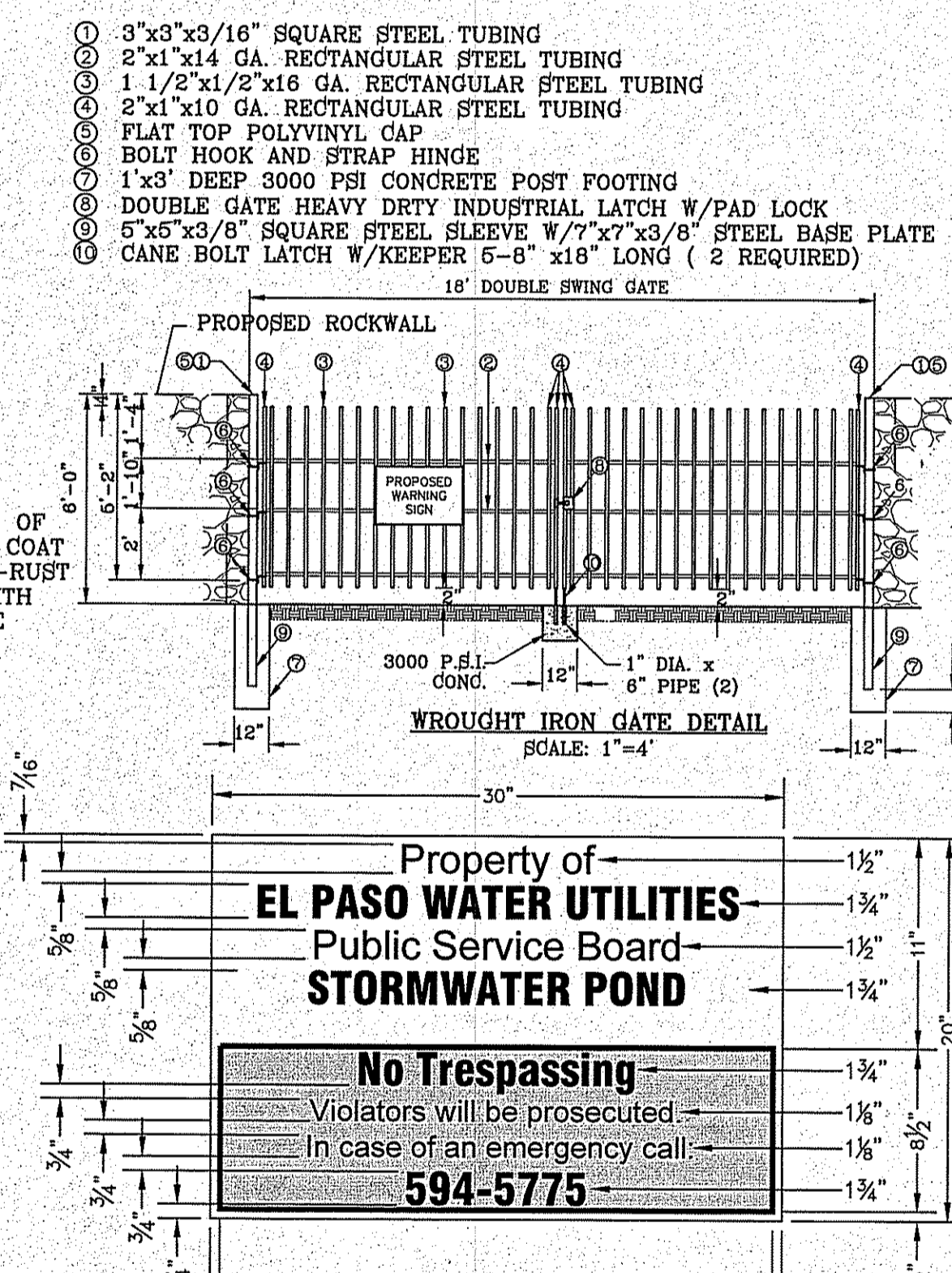
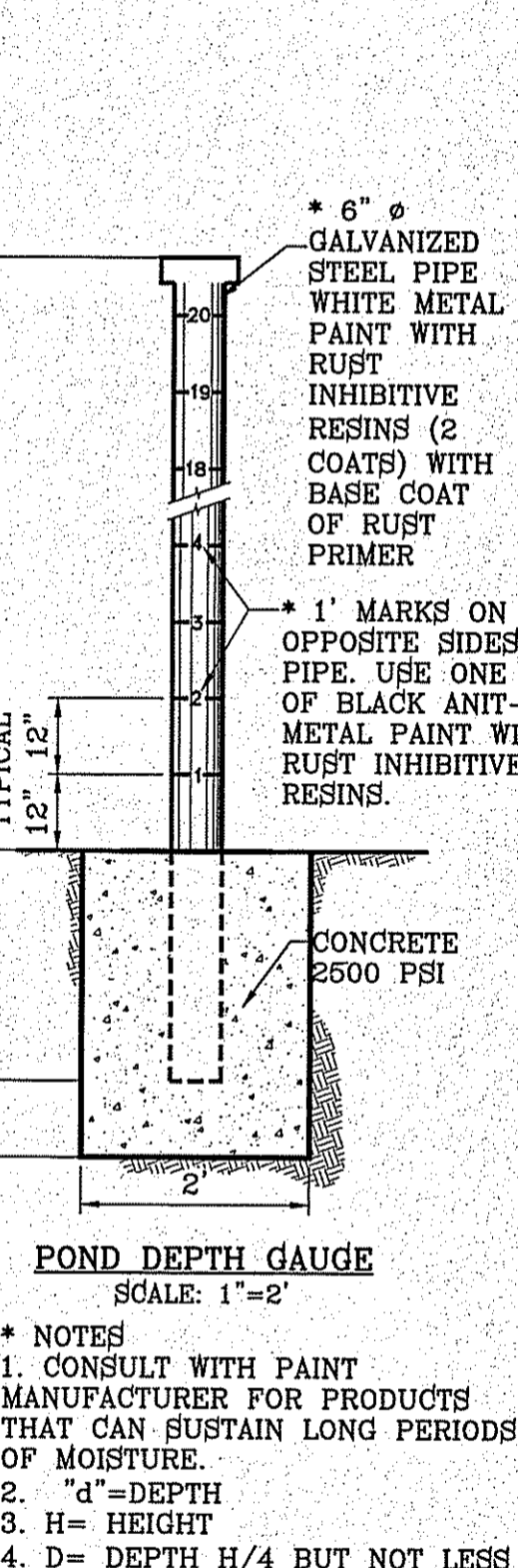
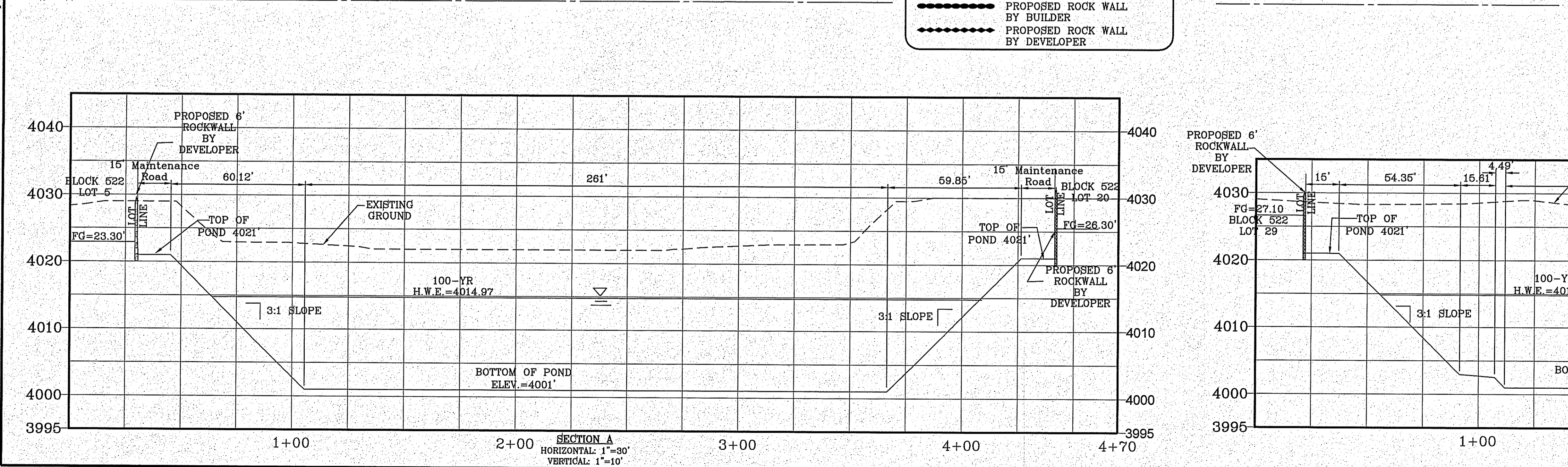


WATERSHED-POND			
POND A CALCULATIONS			
QT=ARC/12			
A=AREA IN ACRES			
R=RAINFALL IN INCHES			
C=RUNOFF FACTOR			
RESIDENTIAL & POND			
C (IN)	A (AC)	R (IN)	QT (AC-FT)
0.6	89.15	4	17.83
QREQ (AC-FT)=			17.83
QCAP (AC-FT)=			28.51
100-YR HW ELEVATION=			4014.48

POND A STAGE STORAGE TABLE			
ELEVATION	AREA	VOLUME (Ac-ft)	CUMMULATIVE VOLUME (Ac-ft)
4001	31,068.48	0.74	1.54
4002	33,596.31	0.80	2.34
4003	36,152.74	0.86	3.20
4004	38,780.52	0.92	4.12
4005	41,479.64	0.98	5.11
4006	44,250.26	1.05	6.16
4007	47,092.09	1.11	7.27
4008	50,005.18	1.18	8.45
4009	52,989.29	1.25	9.71
4010	56,041.85	1.32	11.03
4011	59,165.15	1.39	12.42
4012	62,359.24	1.47	13.89
4013	65,624.22	1.54	15.44
4014	68,960.49	1.62	17.06
4015	72,367.20	1.70	18.76
4016	75,844.28	1.78	20.54
4017	79,391.48	1.86	22.41
4018	83,008.83	1.95	24.35
4019	86,696.36	2.03	26.39
4020	90,457.37	2.12	28.51
4021	94,368.00		

BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

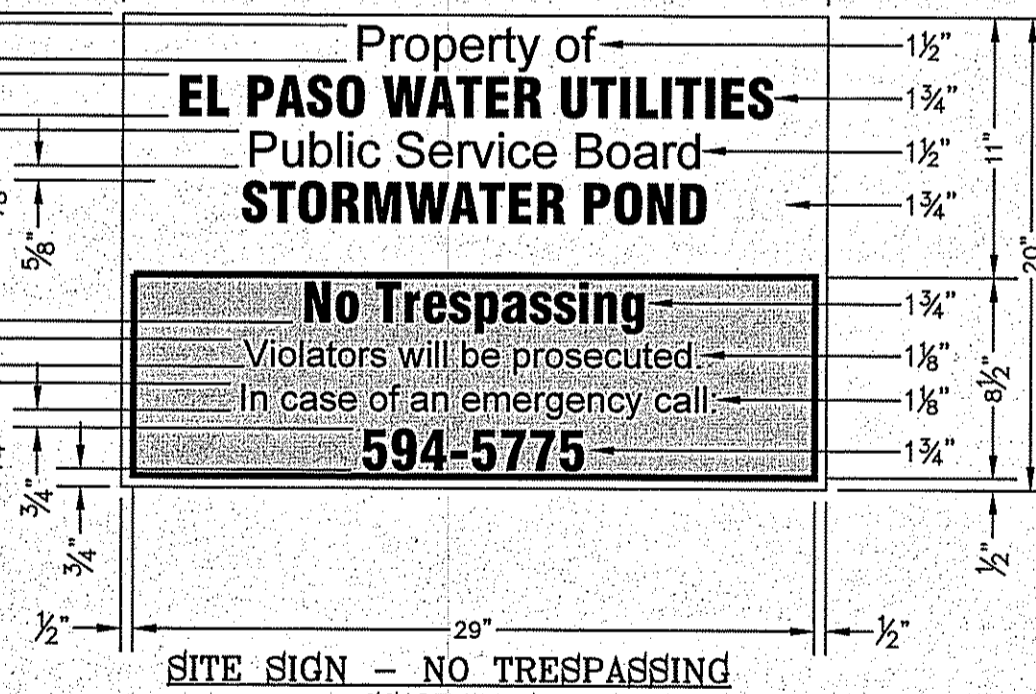
PROJECT NAME  
**TERRA DEL ESTE UNIT 81 "B"**  
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.327± ACRES



**LEGEND**

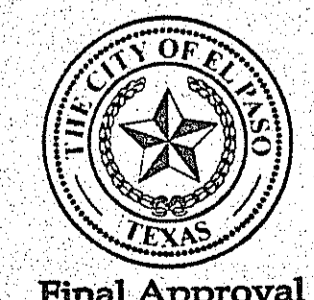
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FG=00.00	PROPOSED FINISH GROUND
00.00	PROPOSED SPOT ELEVATION
▲	HIGH POINT
▼	LOW POINT
—4000	EXISTING CONTOUR
—4000	EXISTING SPOT ELEVATION
—4000	PROPOSED CONTOUR
—	PROPOSED ROCK WALL BY BUILDER
—	PROPOSED ROCK WALL BY DEVELOPER

- \* NOTES**
- CONSULT WITH PAINT MANUFACTURER FOR PRODUCTS THAT CAN SUSTAIN LONG PERIODS OF MOISTURE.
  - "d" = DEPTH
  - H = HEIGHT
  - D = DEPTH H/4 BUT NOT LESS THEN 36"



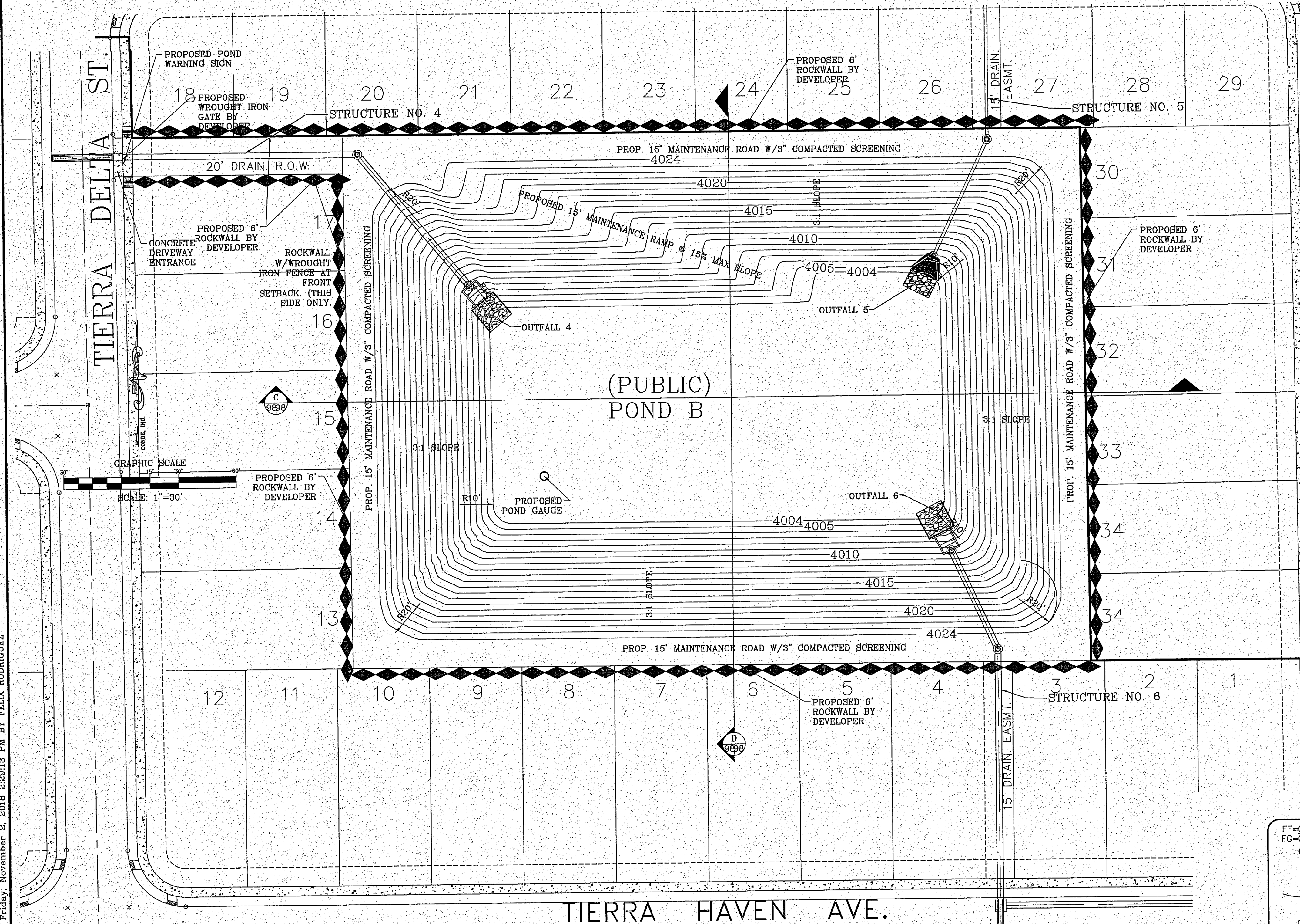
ENGINEER'S SEAL  
WOMIE MONTE CUNY  
REGISTERED PROFESSIONAL ENGINEER  
NO. 64848  
STATE OF TEXAS

CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



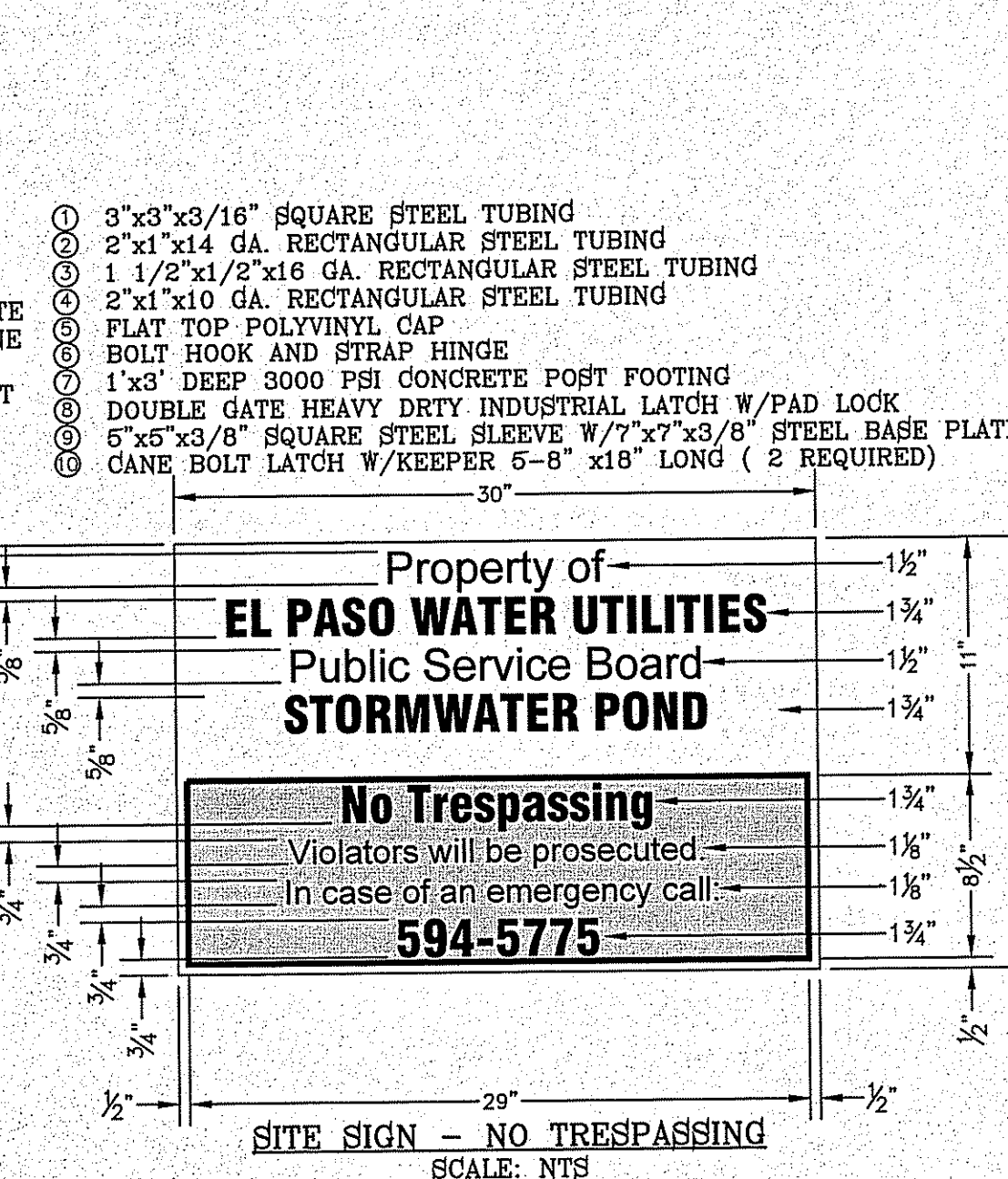
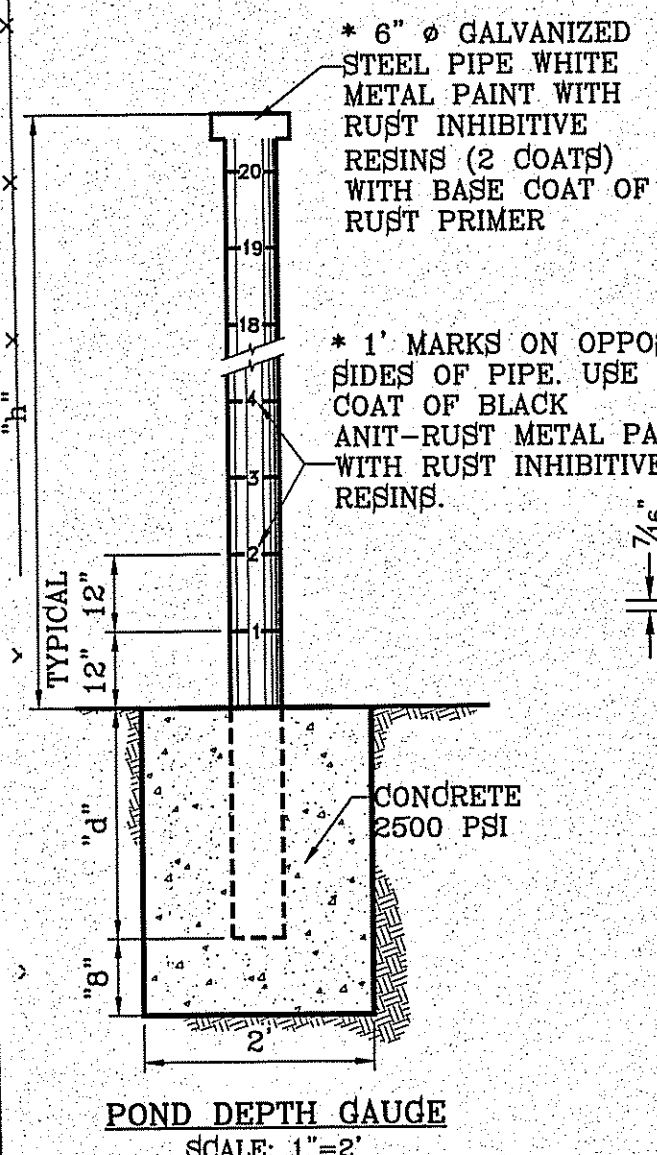
SHEET TITLE  
**POND A WITH SECTIONS**  
SHT 87 OF 100

FILE LOCATION: \\shubdivisions\pde bl. EN\DWG\PONDS A & B PLOTTED ON Friday, November 2, 2018 2:29:13 PM BY FELIX RODRIGUEZ

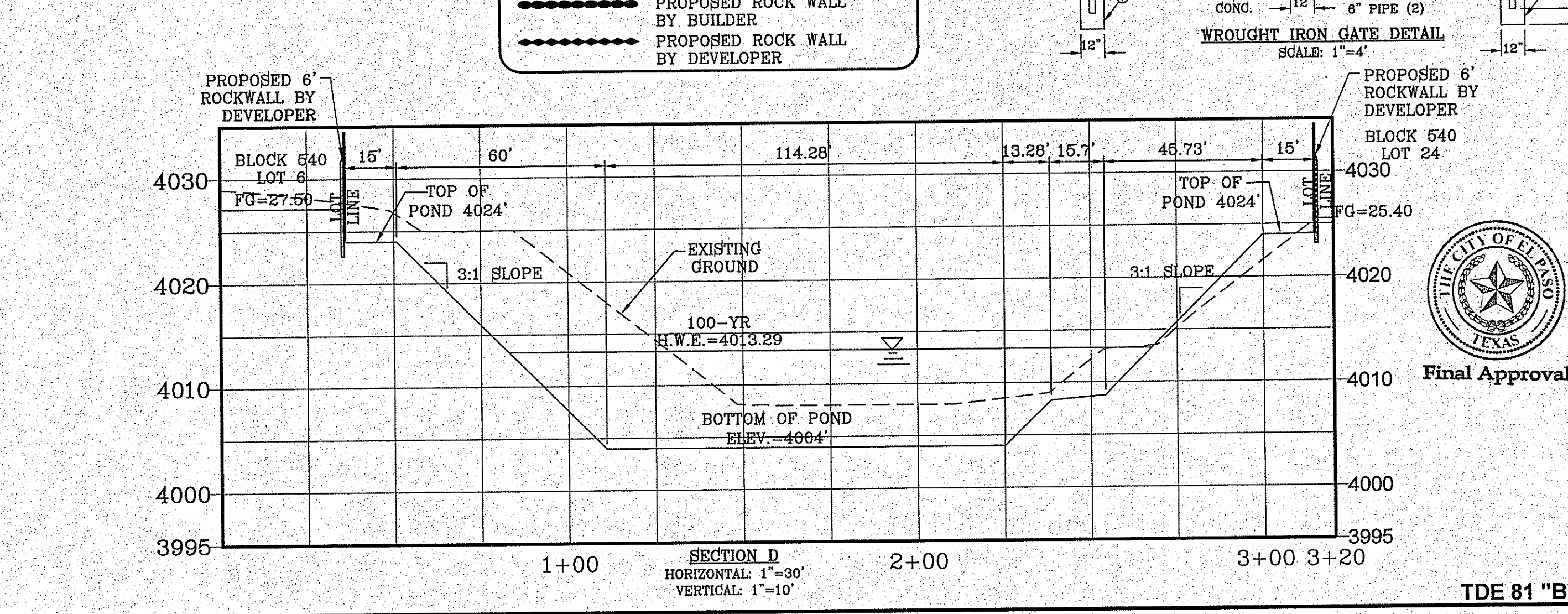
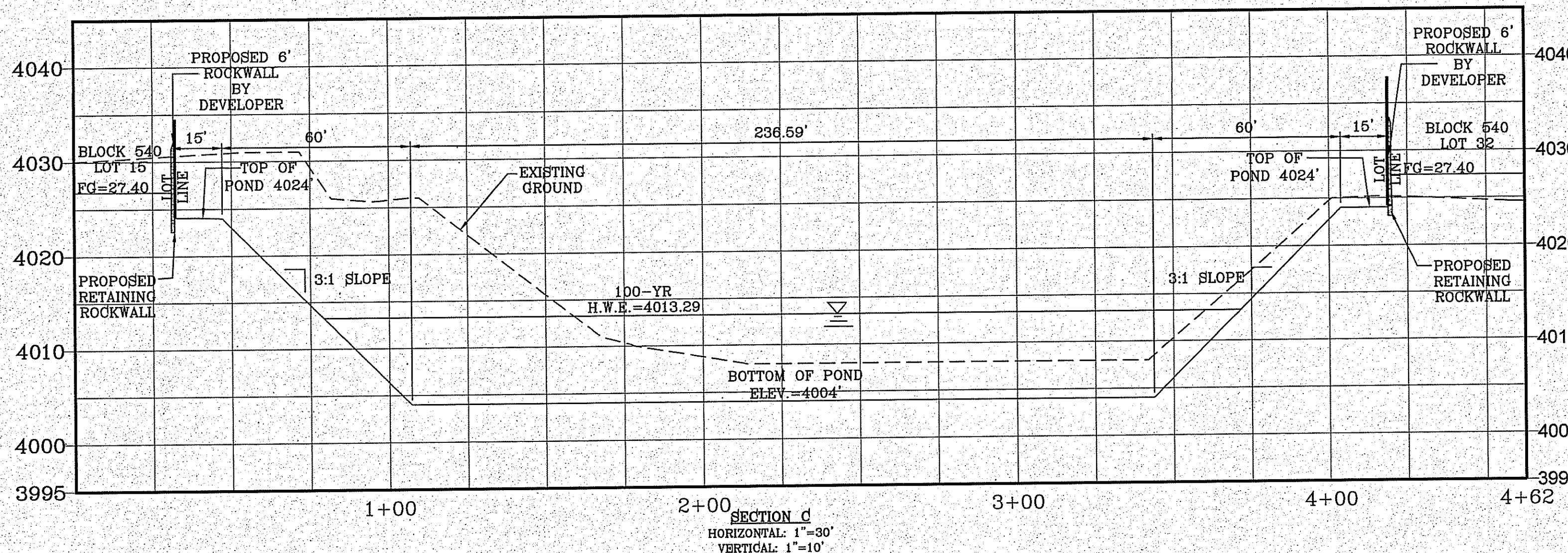
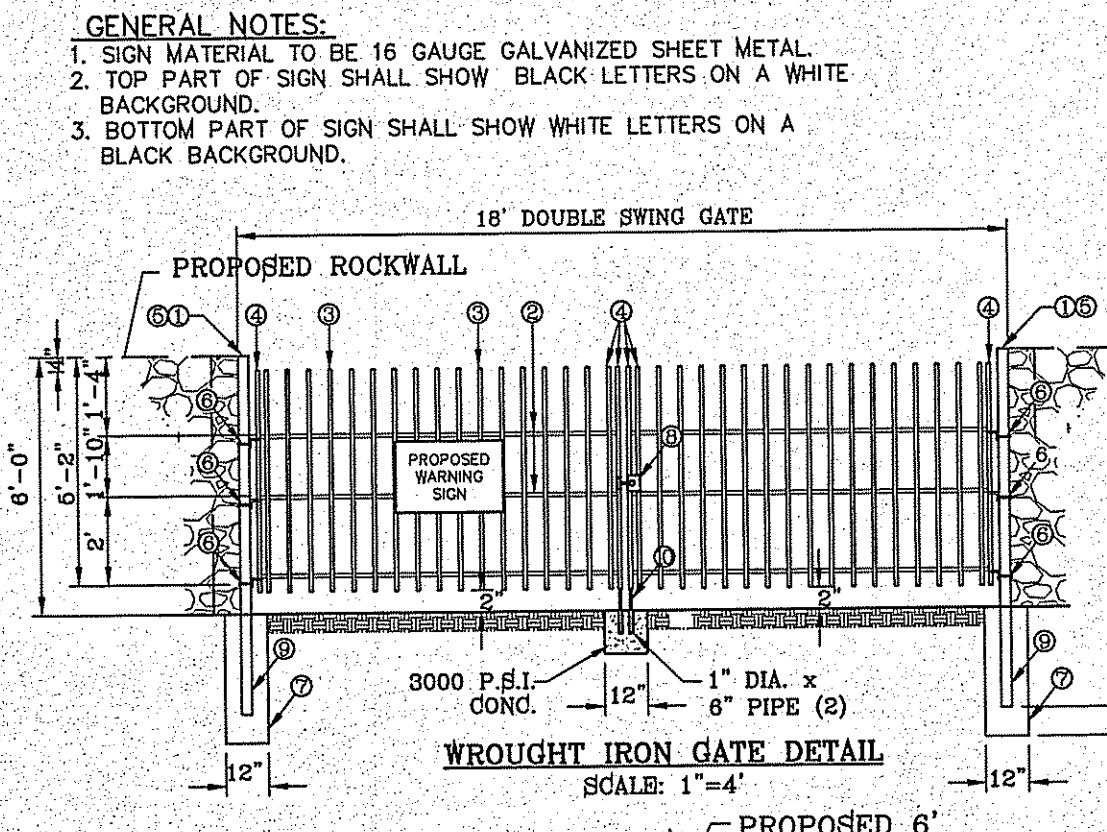
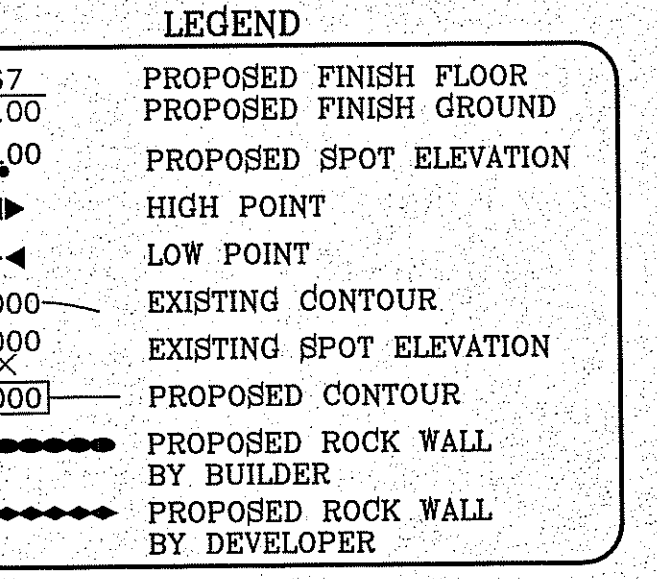


Watershed-Pond			
POND A CALCULATIONS			
QT=ARC/12			
A=AREA IN ACRES			
R=RAINFALL IN INCHES			
C=RUNOFF FACTOR			
C (in)	A (Ac)	R (in)	QT (Ac-ft)
0.6	51.94	4	10.39
QREQ (AC-FT)=			10.39
QCAP (AC-FT)=			26.22
100-YR HW ELEVATION=			4013.29

Pond B Storage Table			
ELEVATION	AREA	Volume (Ac-ft)	Cummulative Volume (Ac-ft)
4004	27,839.63	0.67	1.39
4005	30,194.35	0.72	2.11
4006	32,591.78	0.78	2.88
4007	35,060.78	0.83	3.72
4008	37,601.42	0.89	4.61
4009	40,213.53	0.95	5.57
4010	42,897.11	1.02	6.58
4011	45,652.16	1.08	7.66
4012	48,478.66	1.15	8.81
4013	51,375.30	1.21	10.02
4014	54,343.17	1.28	11.30
4015	57,382.26	1.35	12.66
4016	60,492.56	1.43	14.08
4017	63,674.65	1.50	15.58
4018	66,927.89	1.57	17.16
4019	70,252.19	1.65	18.81
4020	73,647.47	1.73	20.54
4021	77,113.58	1.81	22.35
4022	80,650.58	1.89	24.24
4023	84,260.74	1.98	26.22
4024	88,362.83		



- \* NOTES**
- CONSULT WITH PAINT MANUFACTURER FOR PRODUCTS THAT CAN SUSTAIN LONG PERIODS OF MOISTURE.
  - "d"=DEPTH
  - H= HEIGHT
  - D= DEPTH H/4 BUT NOT LESS THEN 36"



BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4023.96 .....NAVD 88

PROJECT NAME  
**TERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.3274 ACRES

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

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-59

ENGINEER'S SEAL  
YOUNG KONIGS CURRY  
REGISTERED PROFESSIONAL ENGINEER  
NO. 4648  
STATE OF TEXAS

CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DE SITE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0266

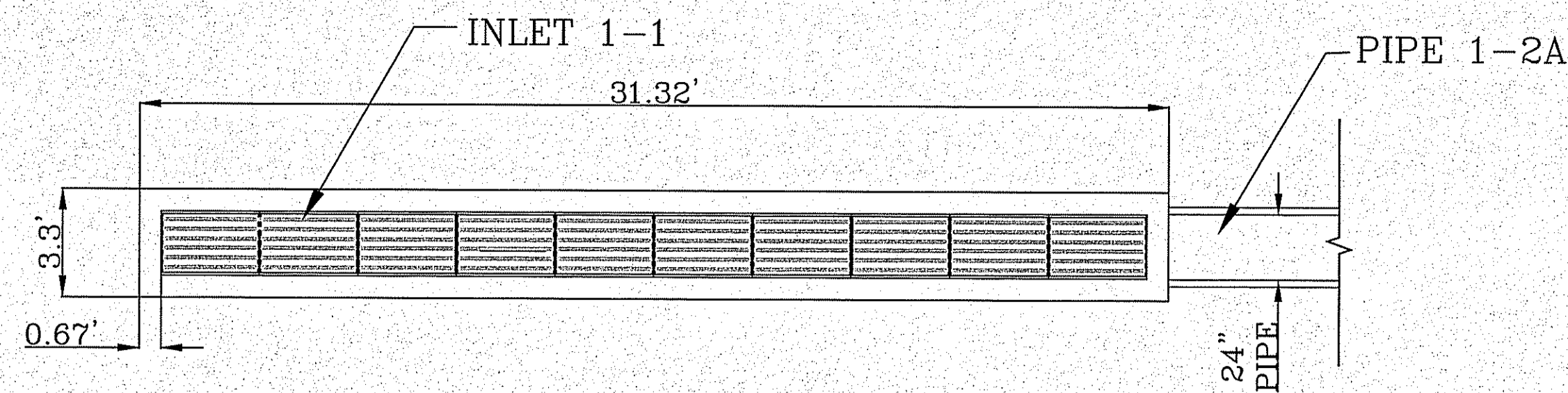
CITY OF EL PASO TEXAS  
Final Approval

SHEET TITLE  
**POND B WITH SECTIONS**

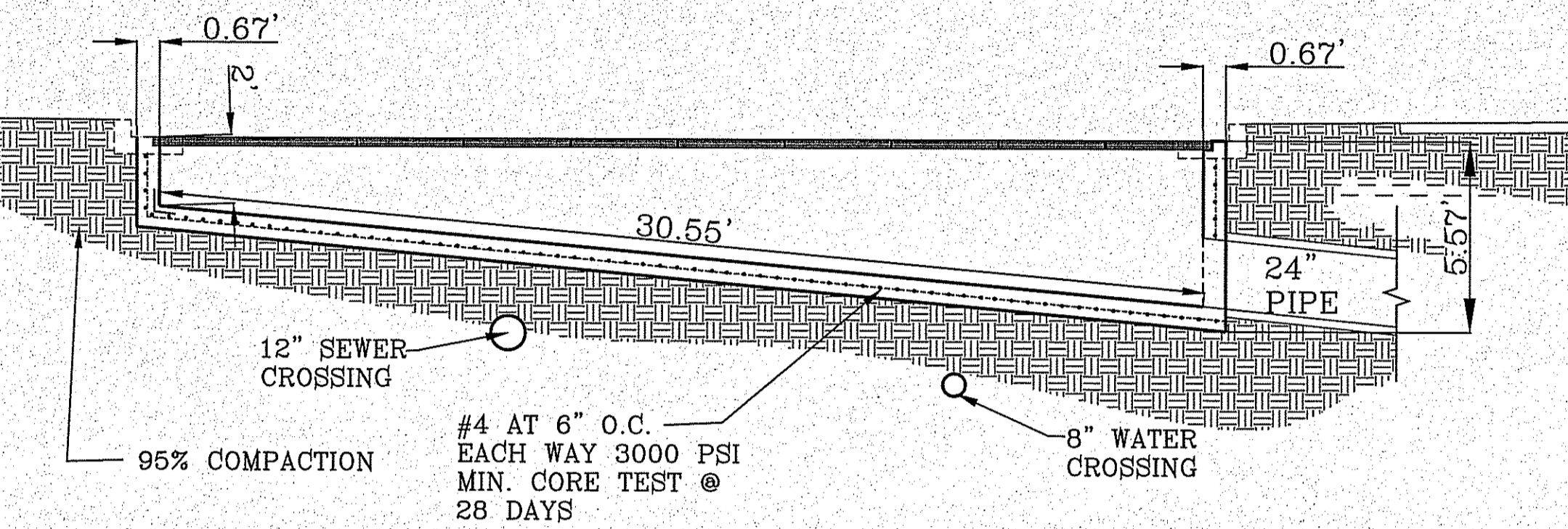
SHT 88 OF 100  
TDE 81 "B"



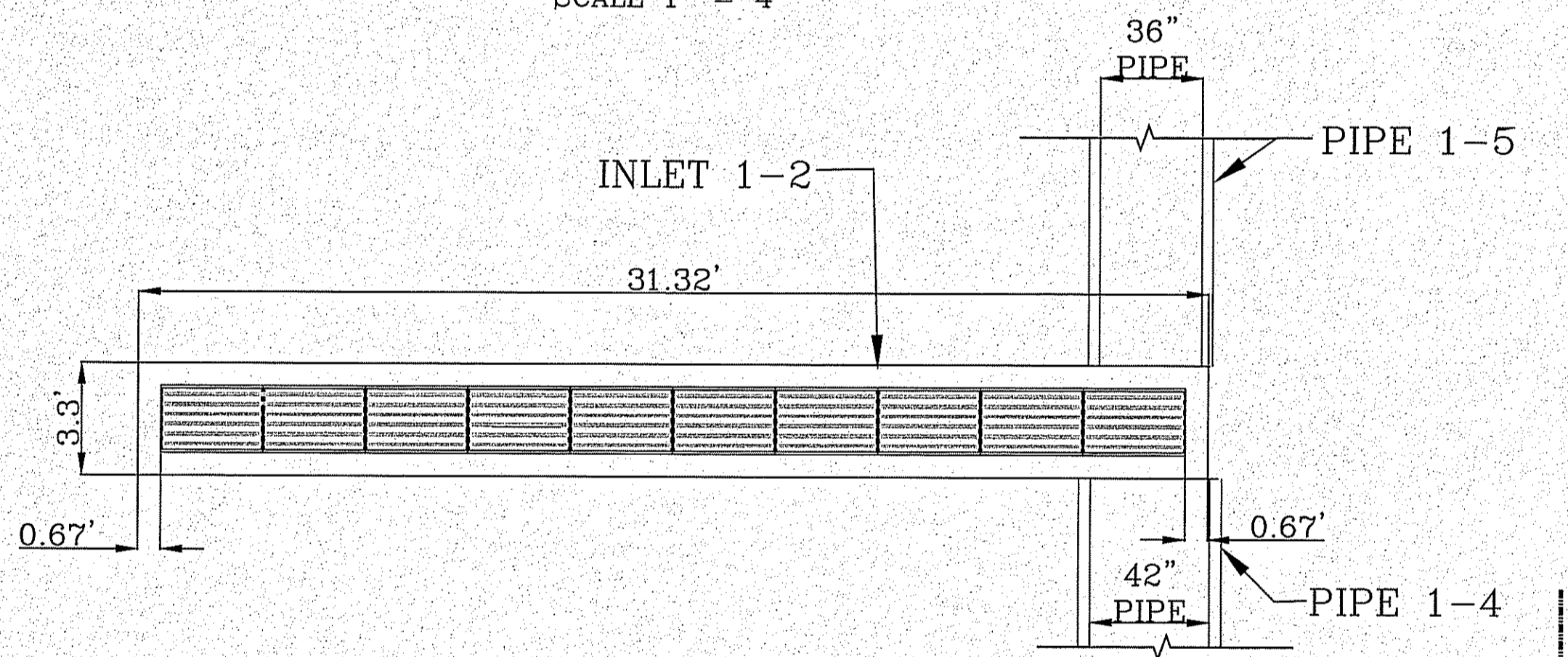
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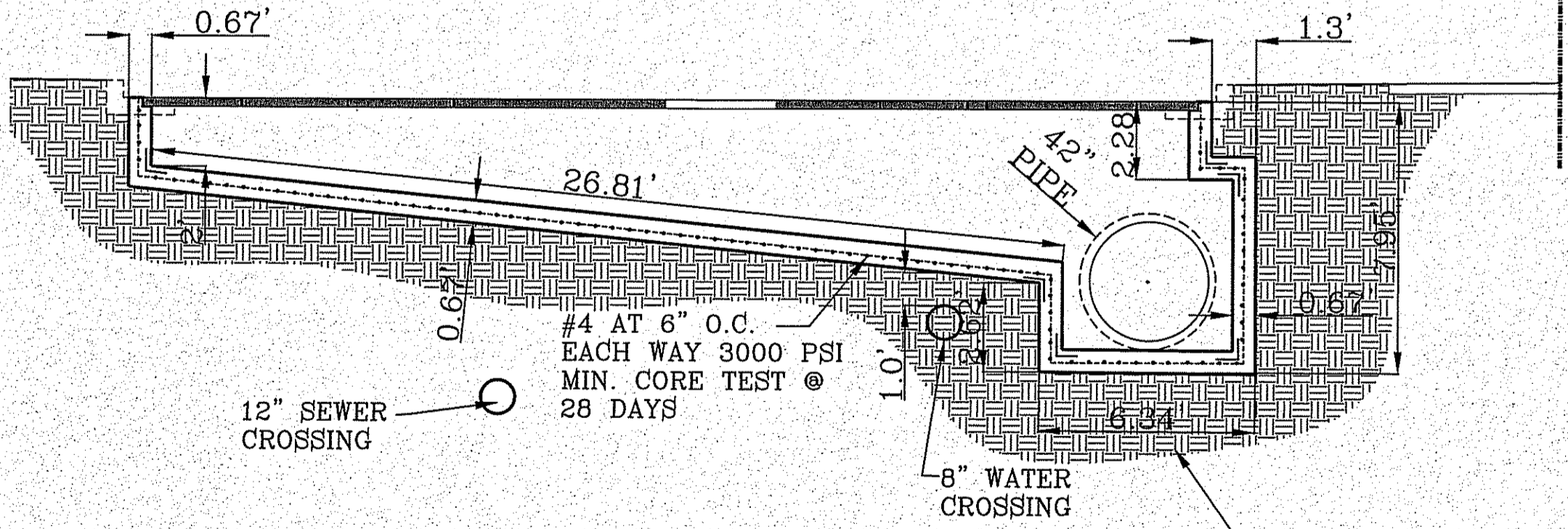
INLET 1-1  
ENLARGED PLAN VIEW  
SCALE 1" = 4'



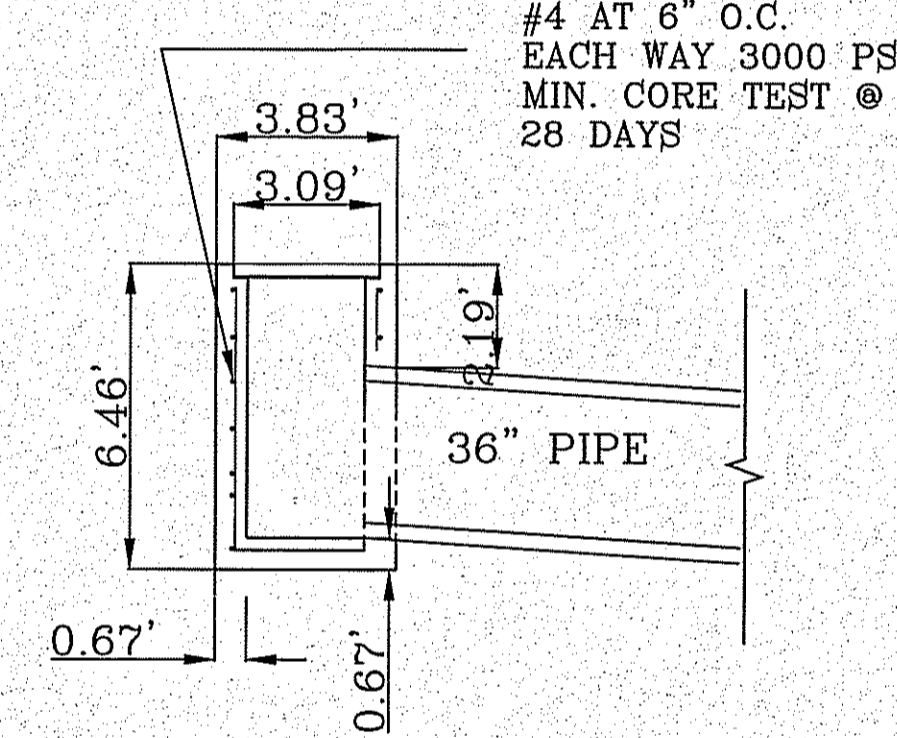
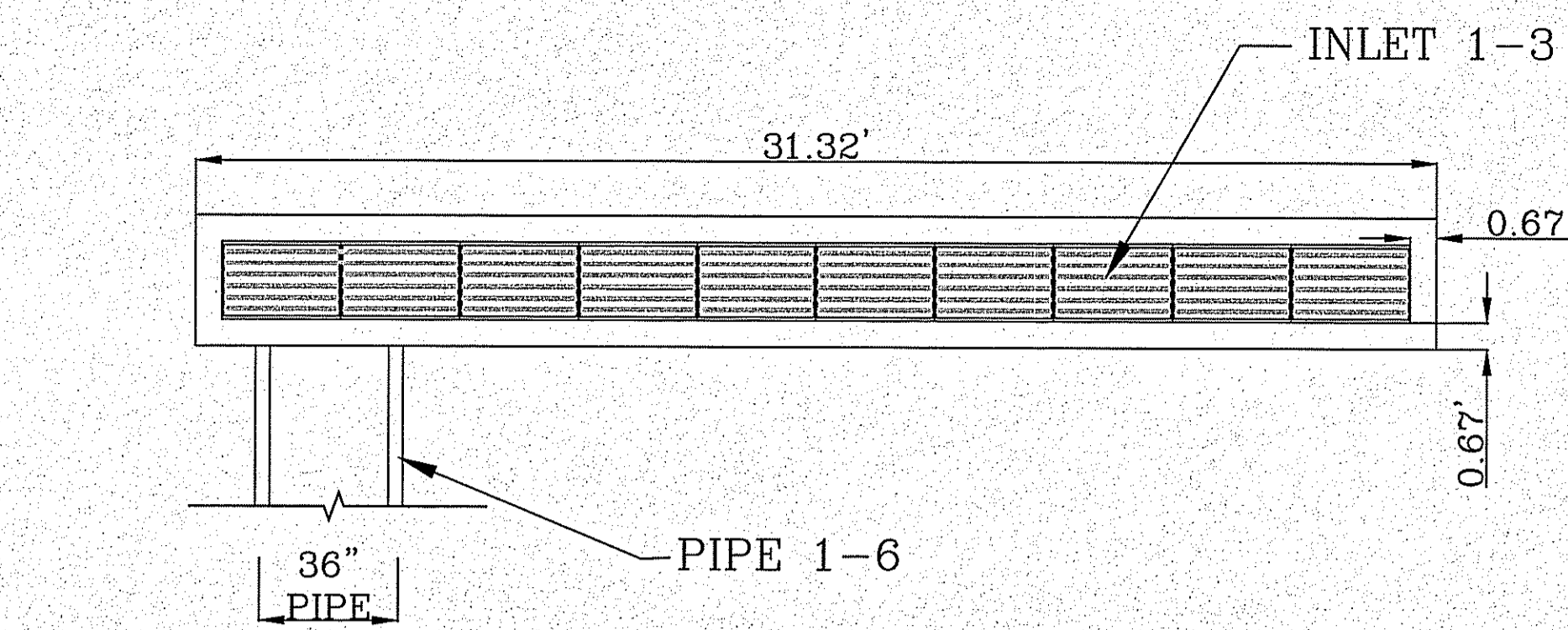
INLET 1-2  
ENLARGED PLAN VIEW  
SCALE 1" = 4'



INLET 1-3  
ENLARGED PLAN VIEW  
SCALE 1" = 4'



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

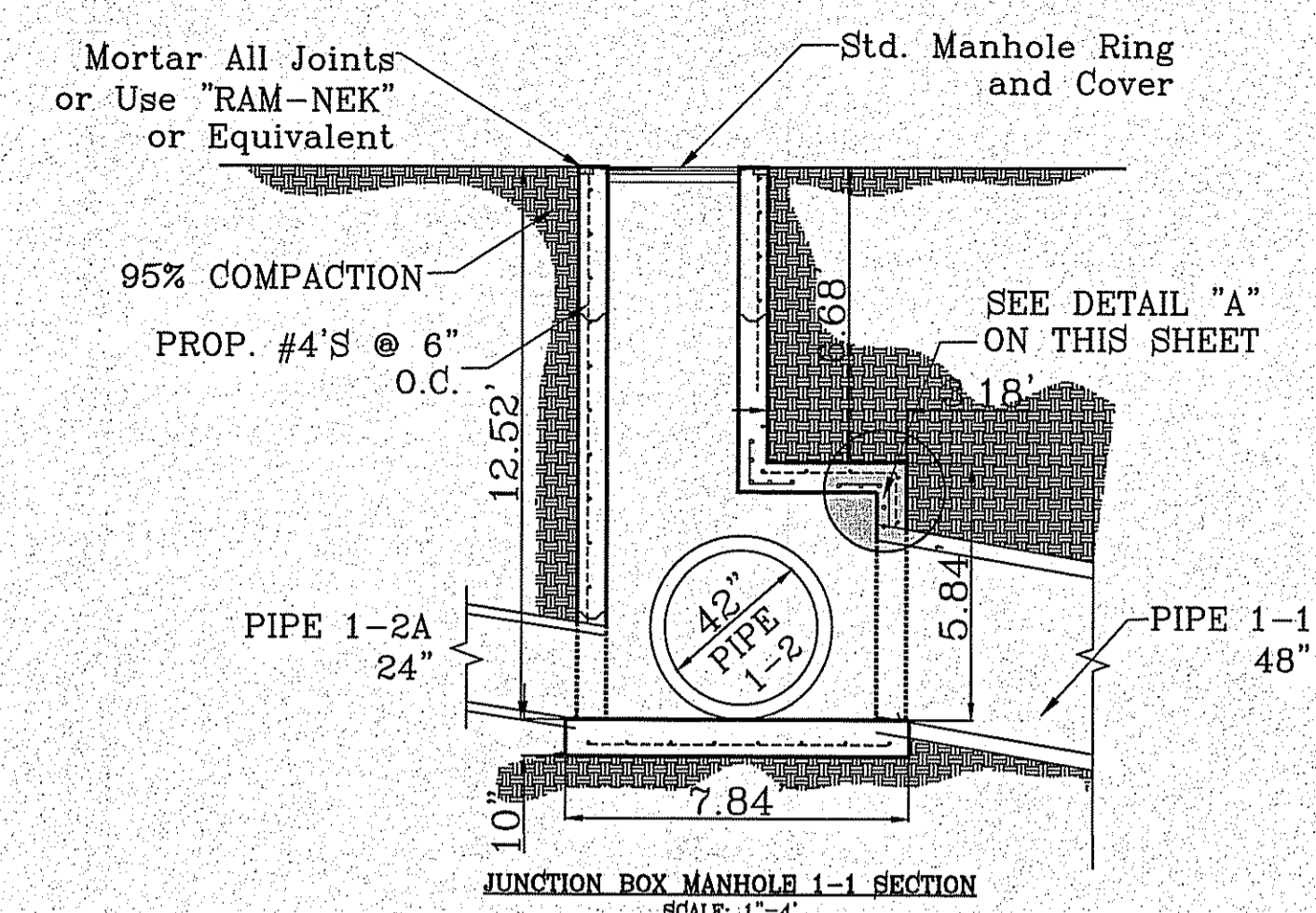
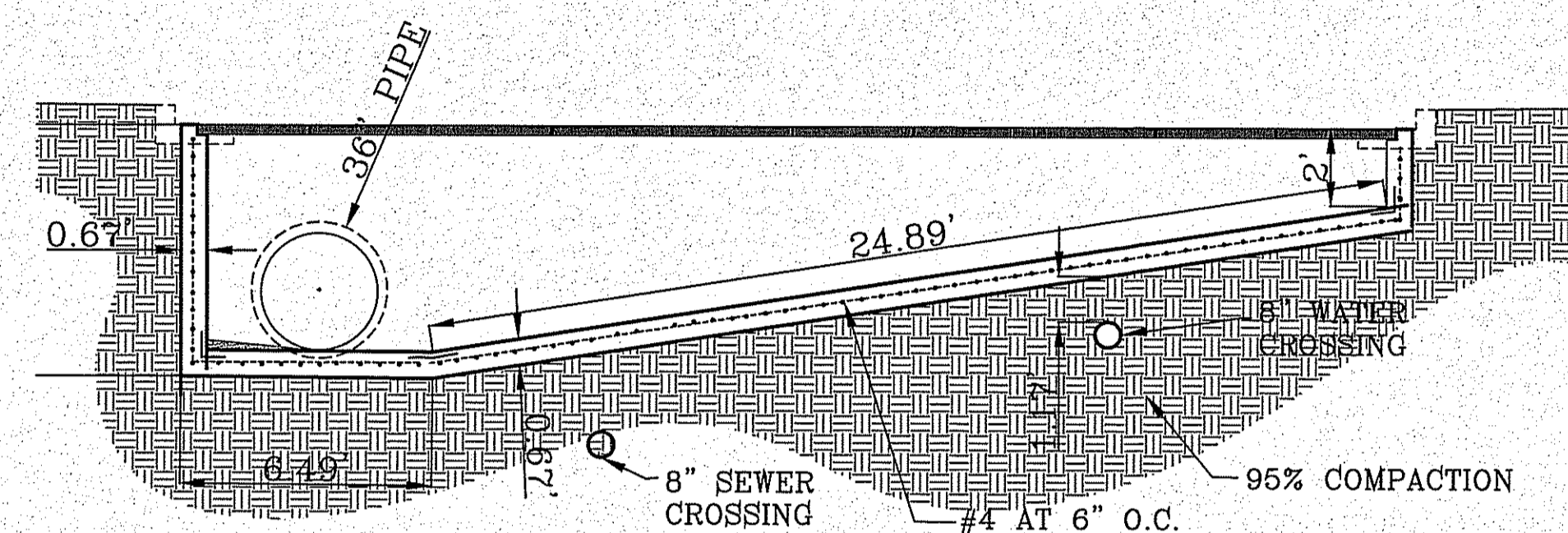


DETAIL A  
TYPICAL REBAR AT  
CONCRETE BENDS  
SCALE NTS

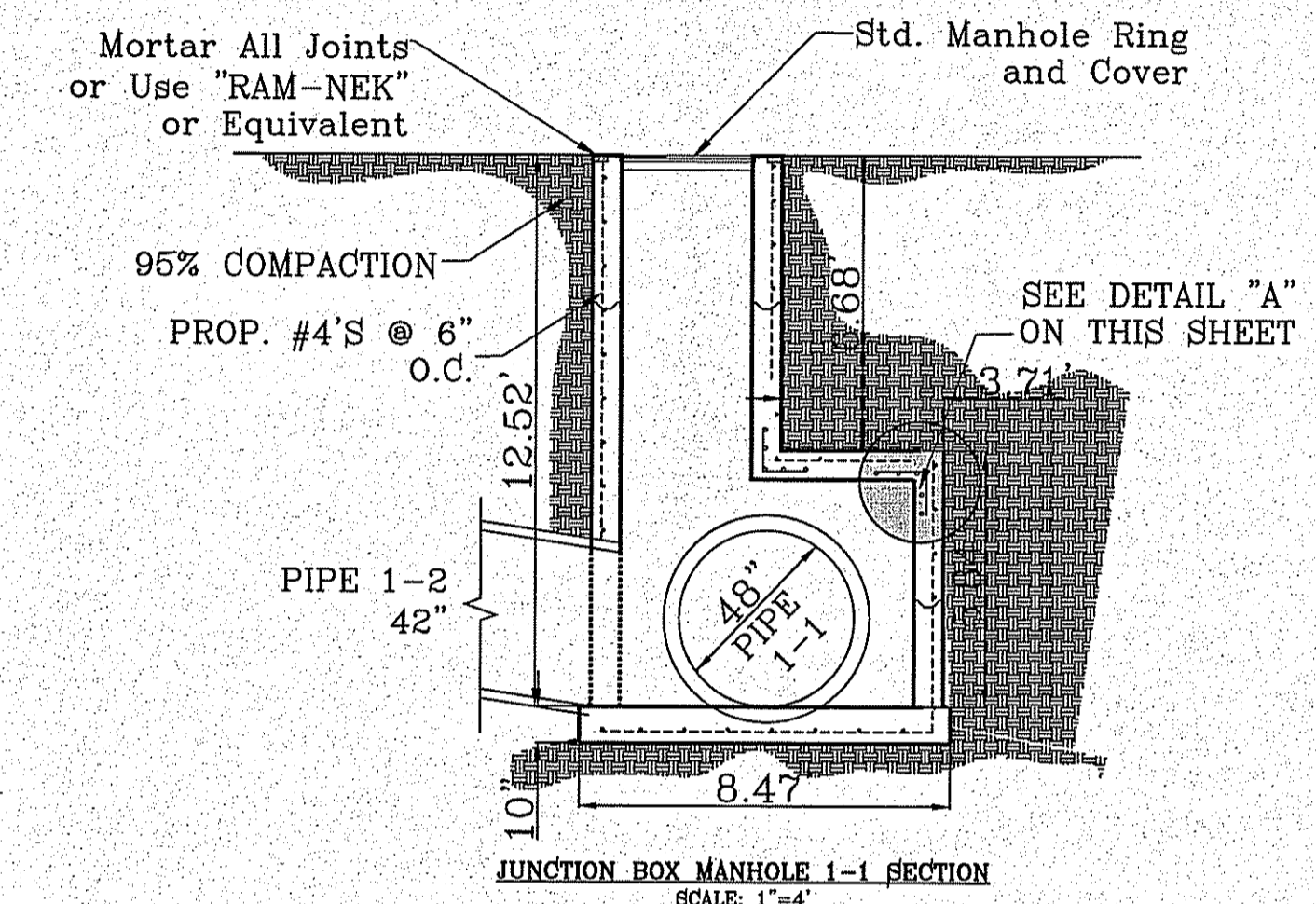
INLET TABLE		
STRUCTURE NAME	TOP OF INLET ELEVATION	INVERT ELEVATION
INLET 1-1	4020.25'	4015.32'
INLET 1-2	4022.52'	4015.40'
INLET 1-3	4023.46'	4017.65'

ALL R.C.P. ARE CLASS III OR SANITITE HP TRIPLE WALL UNLESS OTHERWISE NOTED

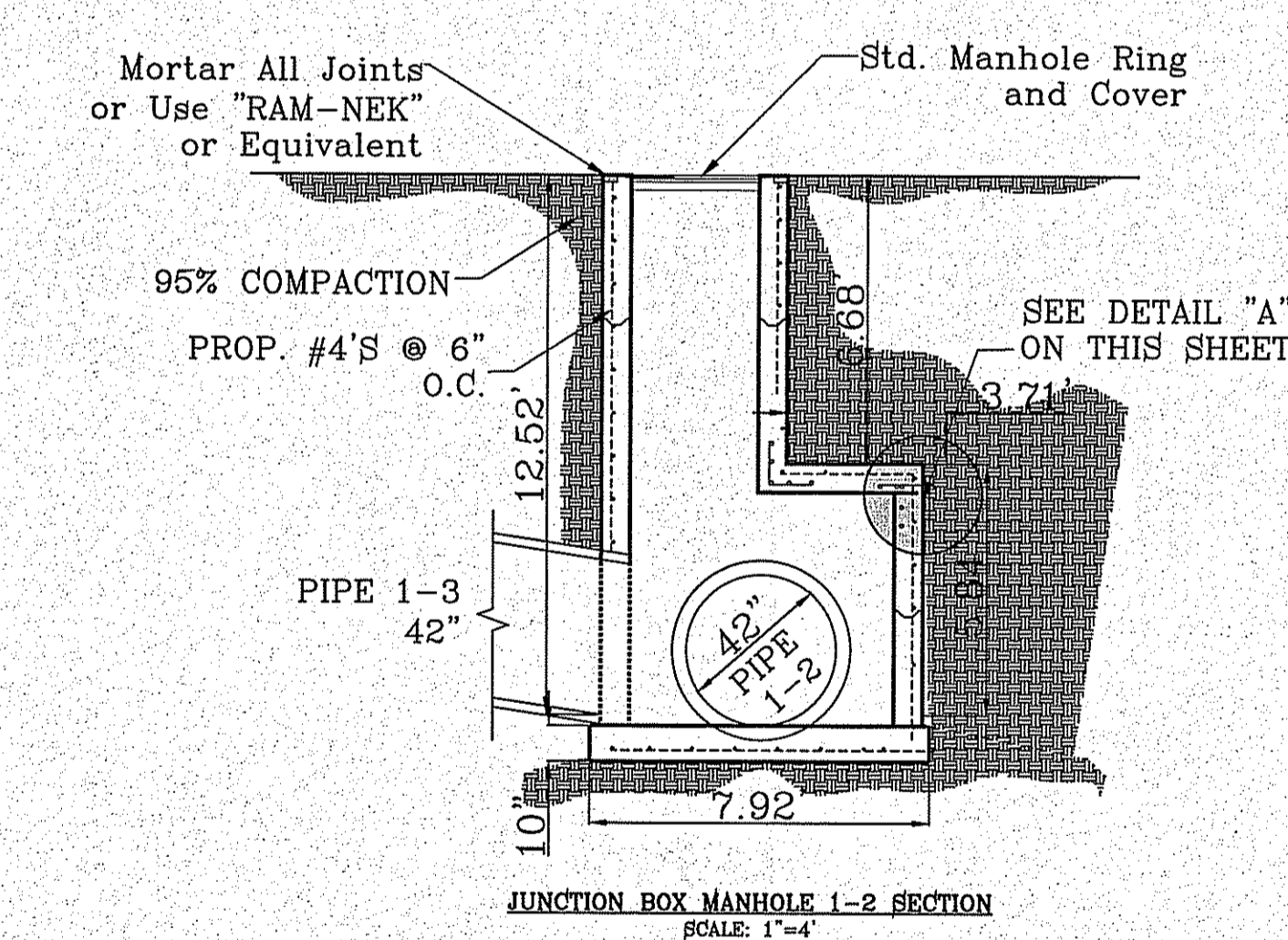
- CONSTRUCTION NOTES:**
- ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
  - MINIMUM COVER FOR REINFORCING STEEL SHALL BE 2" UNLESS OTHERWISE NOTED.
  - 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
  - REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
  - SANITITE HP TRIPLE WALL TO BE USED AS AN APPROVED ALTERNATE FOR ALL PIPE EXCEPT FOR THE PIPE ENTERING THE POND.
  - 72" DIAMETER PRECAST MANHOLE OPTIONAL FOR 48" MAXIMUM DIAMETER PIPE.



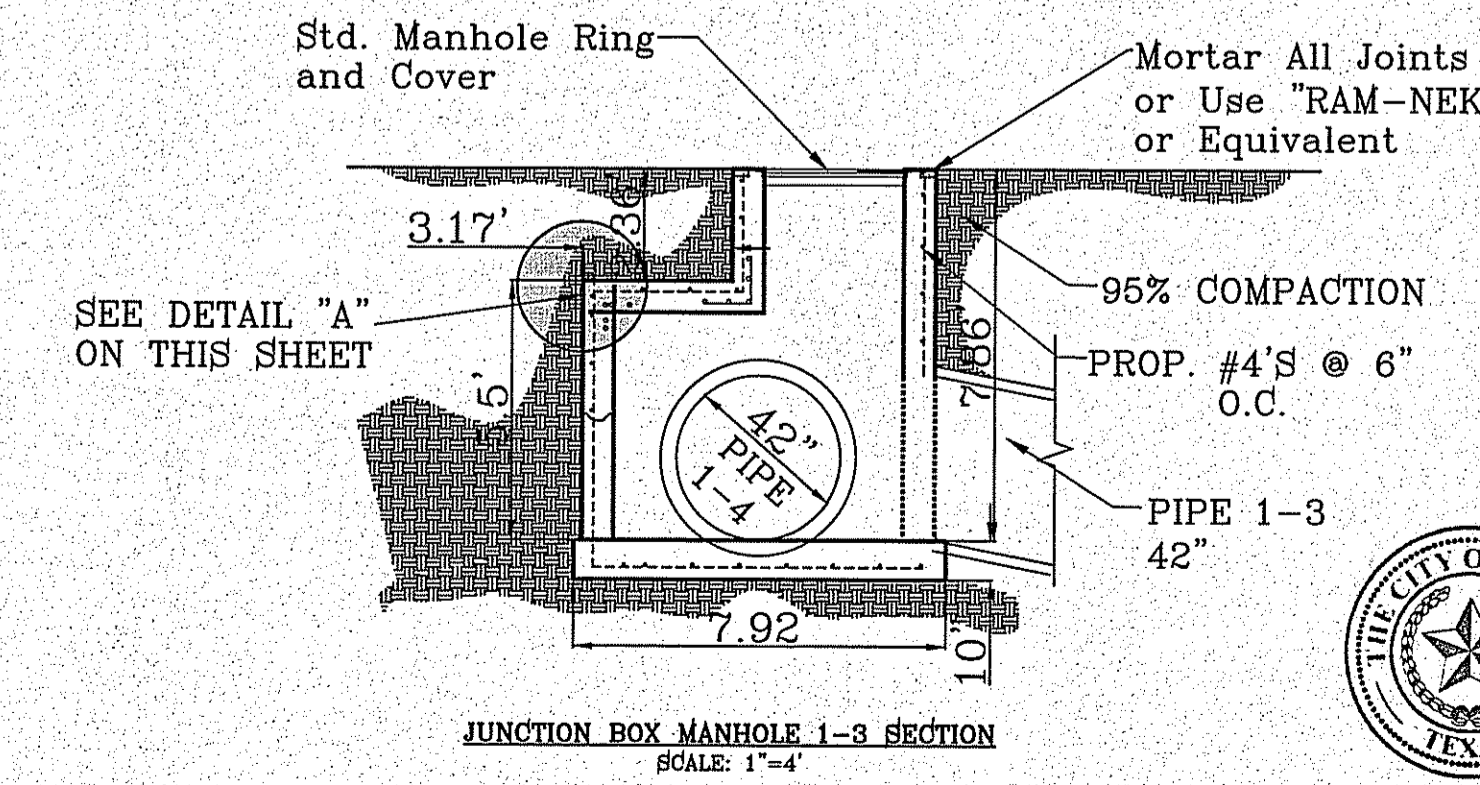
JUNCTION BOX MANHOLE 1-1 SECTION  
SCALE: 1"=4'



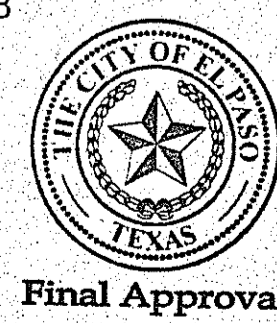
JUNCTION BOX MANHOLE 1-2 SECTION  
SCALE: 1"=4'



JUNCTION BOX MANHOLE 1-3 SECTION  
SCALE: 1"=4'



JUNCTION BOX MANHOLE 1-4 SECTION  
SCALE: 1"=4'



BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MICE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**  
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING: 160.327± ACRES

SCALE  
HORIZ: \_\_\_\_\_  
VERT: \_\_\_\_\_  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-68

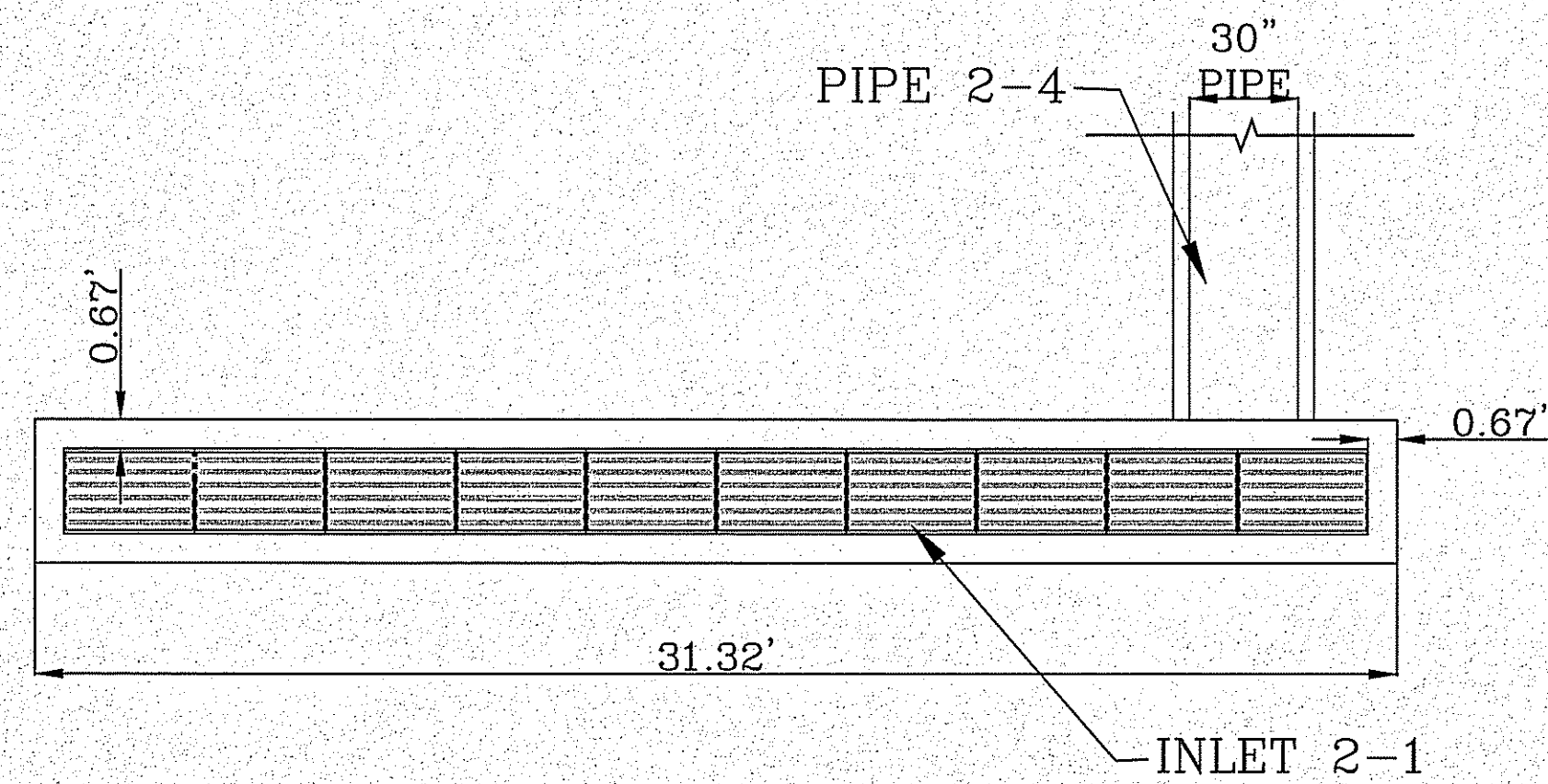


**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. SUE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

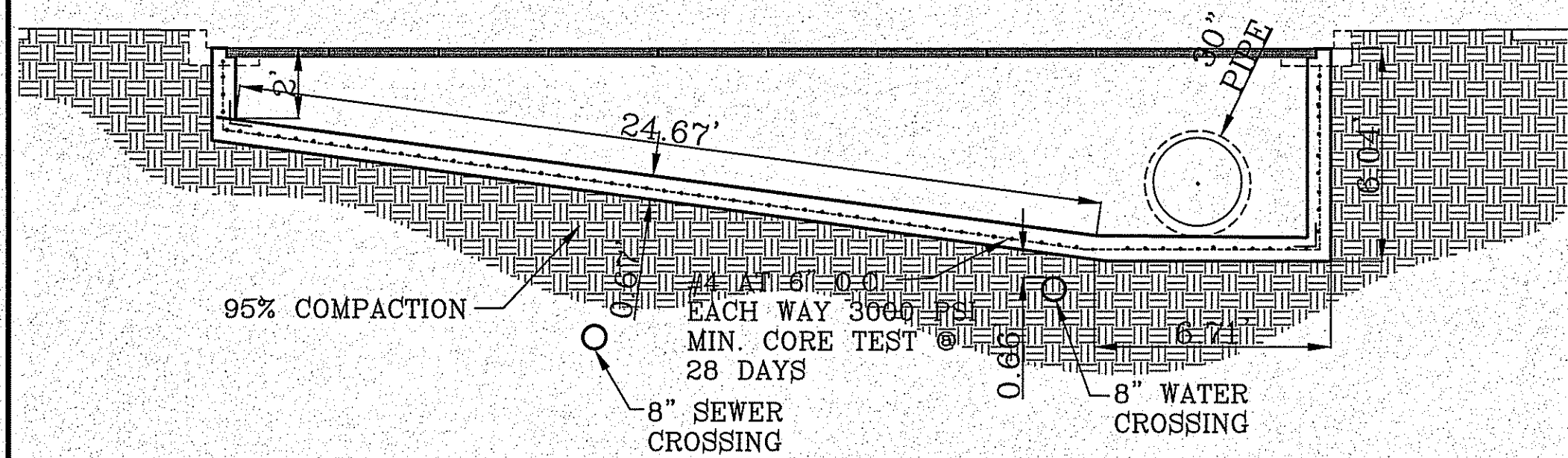


**STORM STRUCTURE DETAILS**

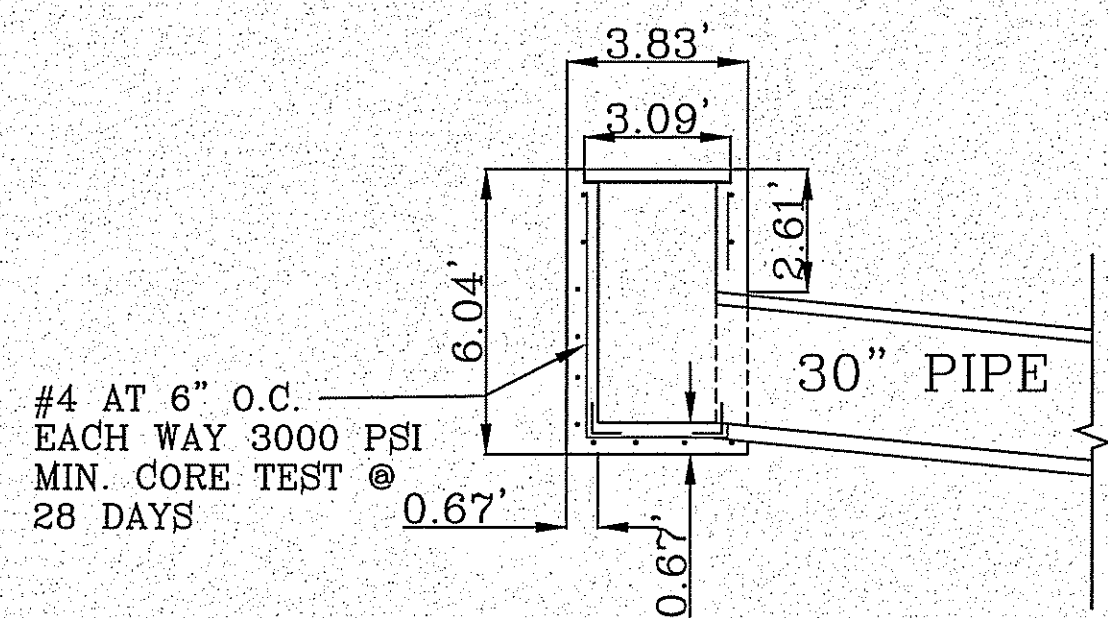
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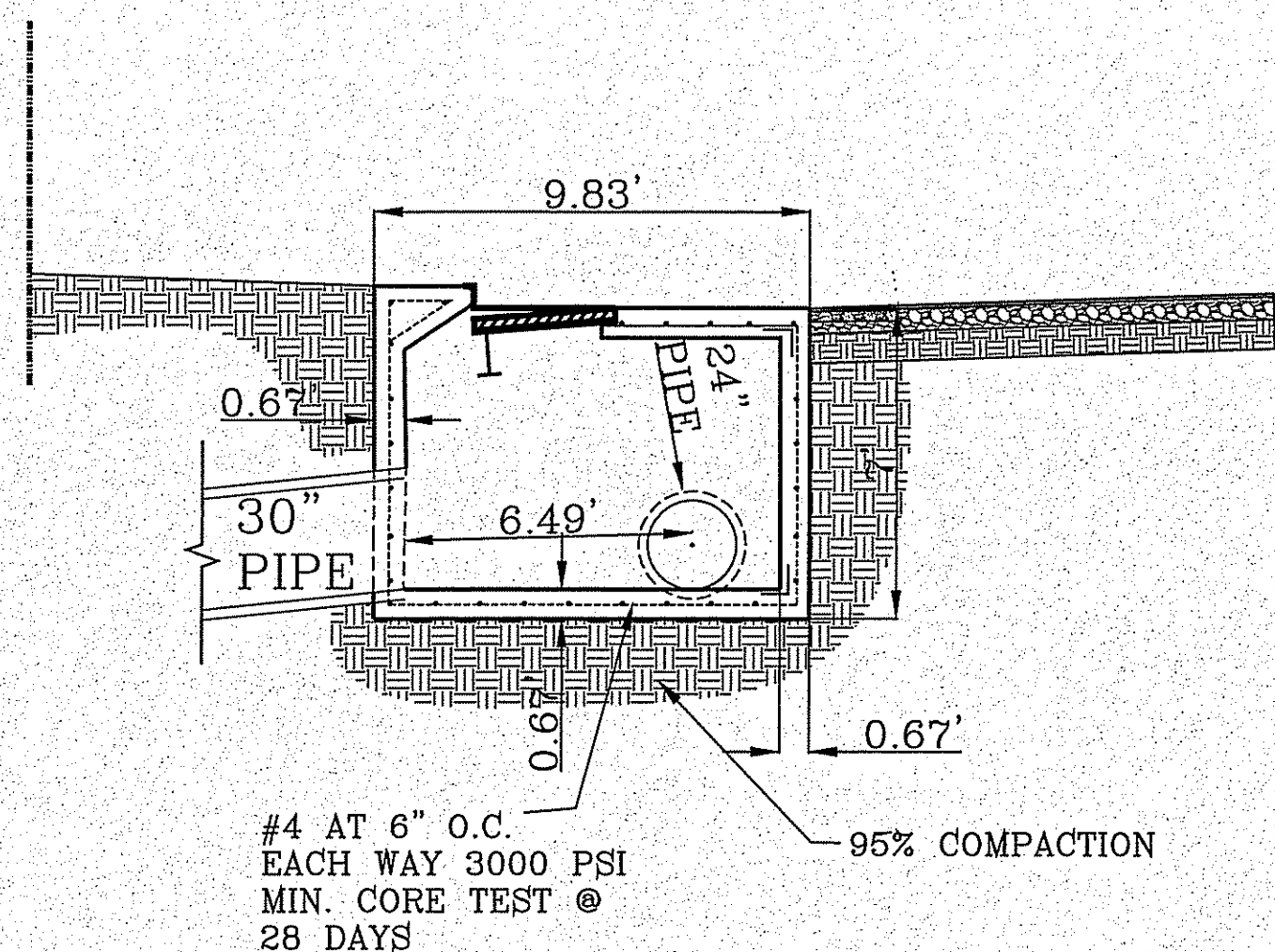
INLET 2-1  
ENLARGED PLAN VIEW  
SCALE 1" = 4'



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

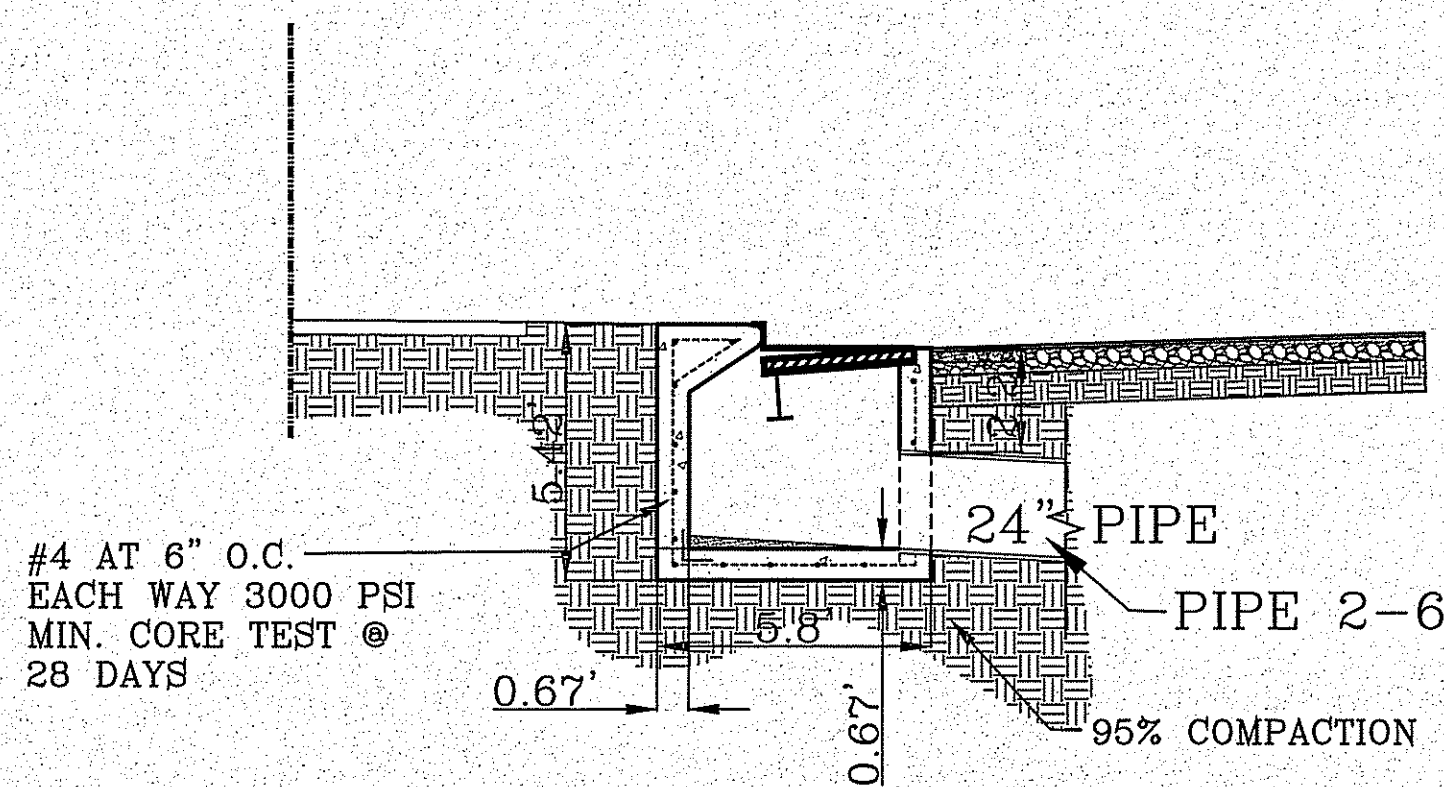


INLET 2-3  
ENLARGED PLAN VIEW  
SCALE 1" = 4'

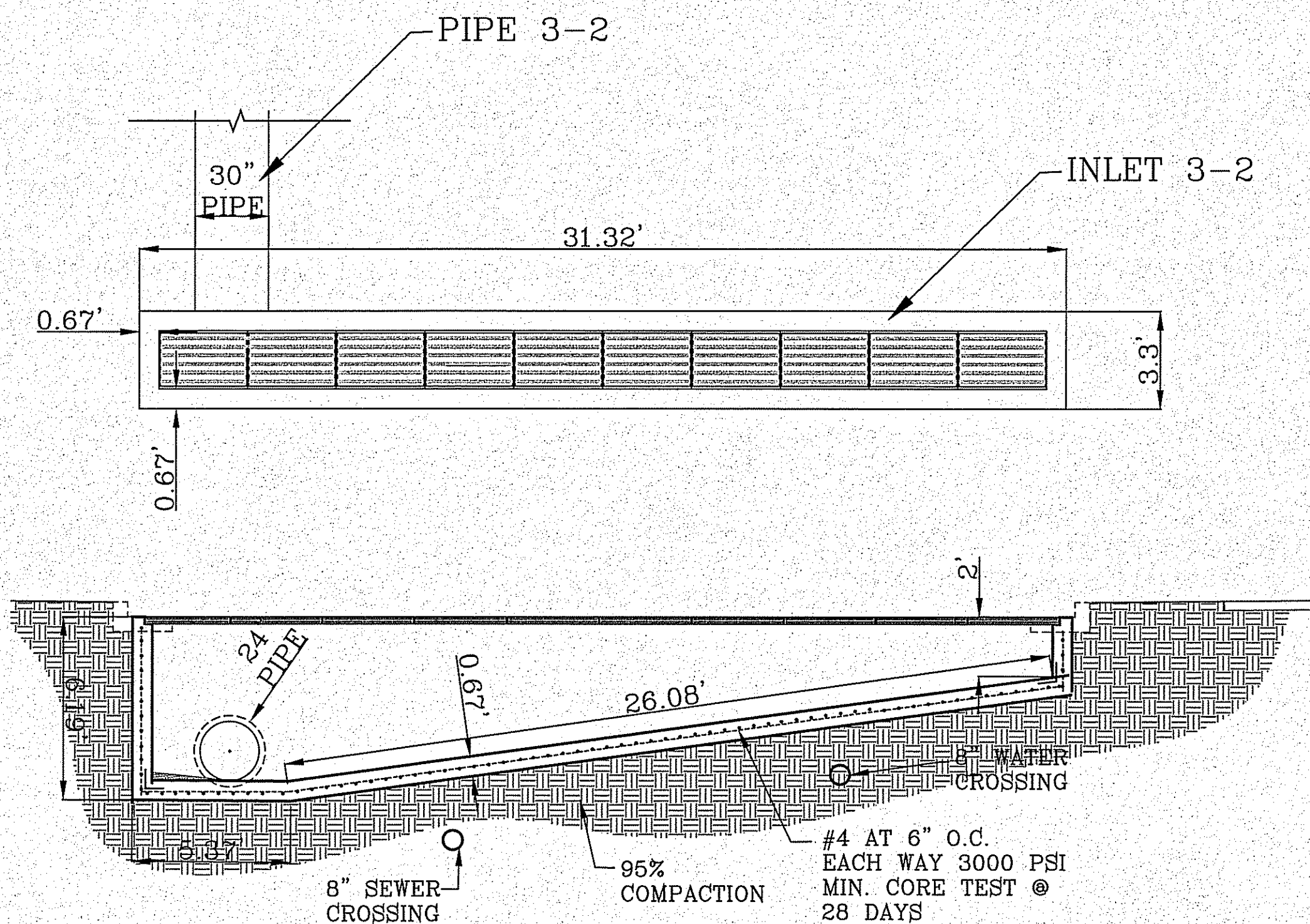


INLET 3-1  
ENLARGED PLAN VIEW  
SCALE 1" = 4'

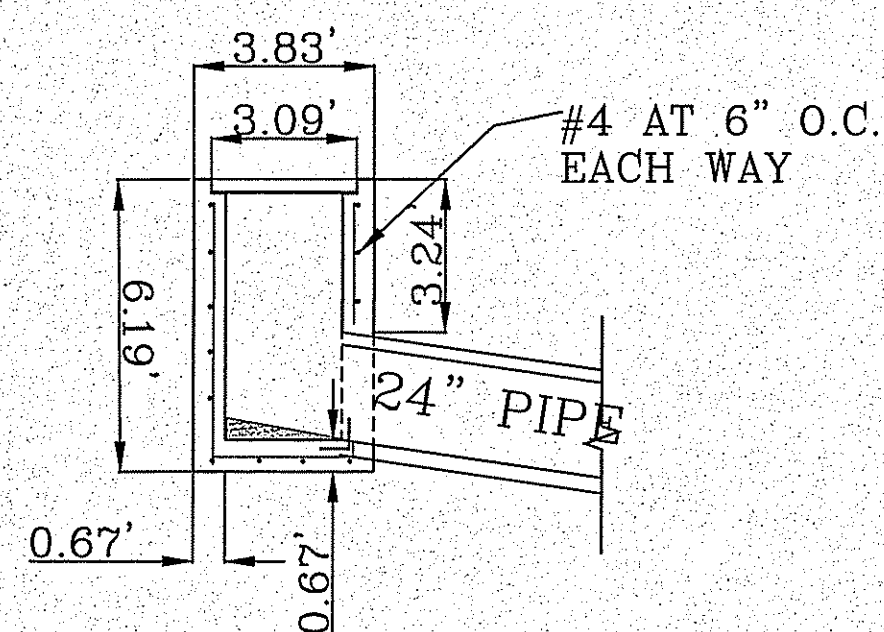
INLET TABLE		
STRUCTURE NAME	TOP OF INLET ELEVATION	INVERT ELEVATION
INLET 2-1	4022.68'	4017.32'
INLET 2-2	4023.13'	4018.33'
INLET 2-3	4022.99'	4017.56'



INLET 3-2  
ENLARGED PLAN VIEW  
SCALE 1" = 4'

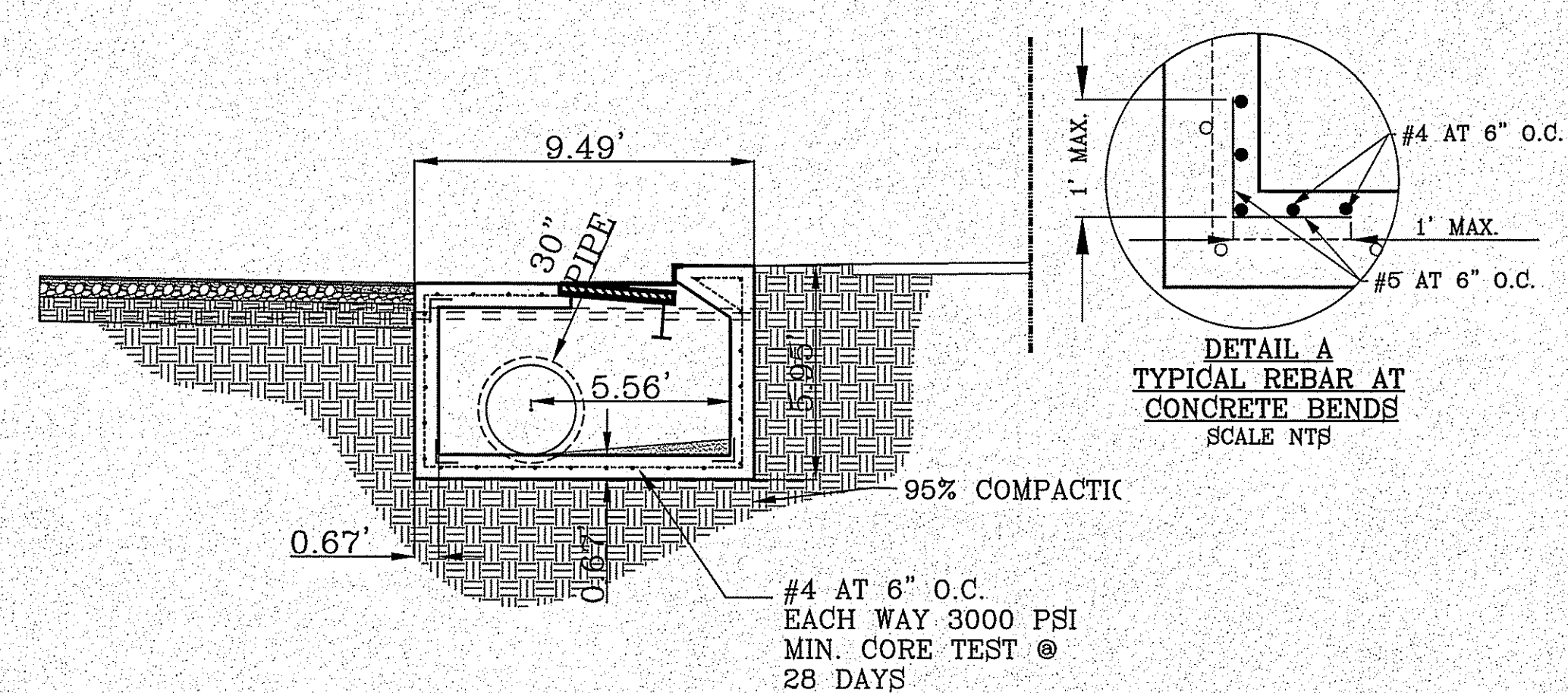


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ENLARGED PLAN VIEW  
SCALE 1" = 4'

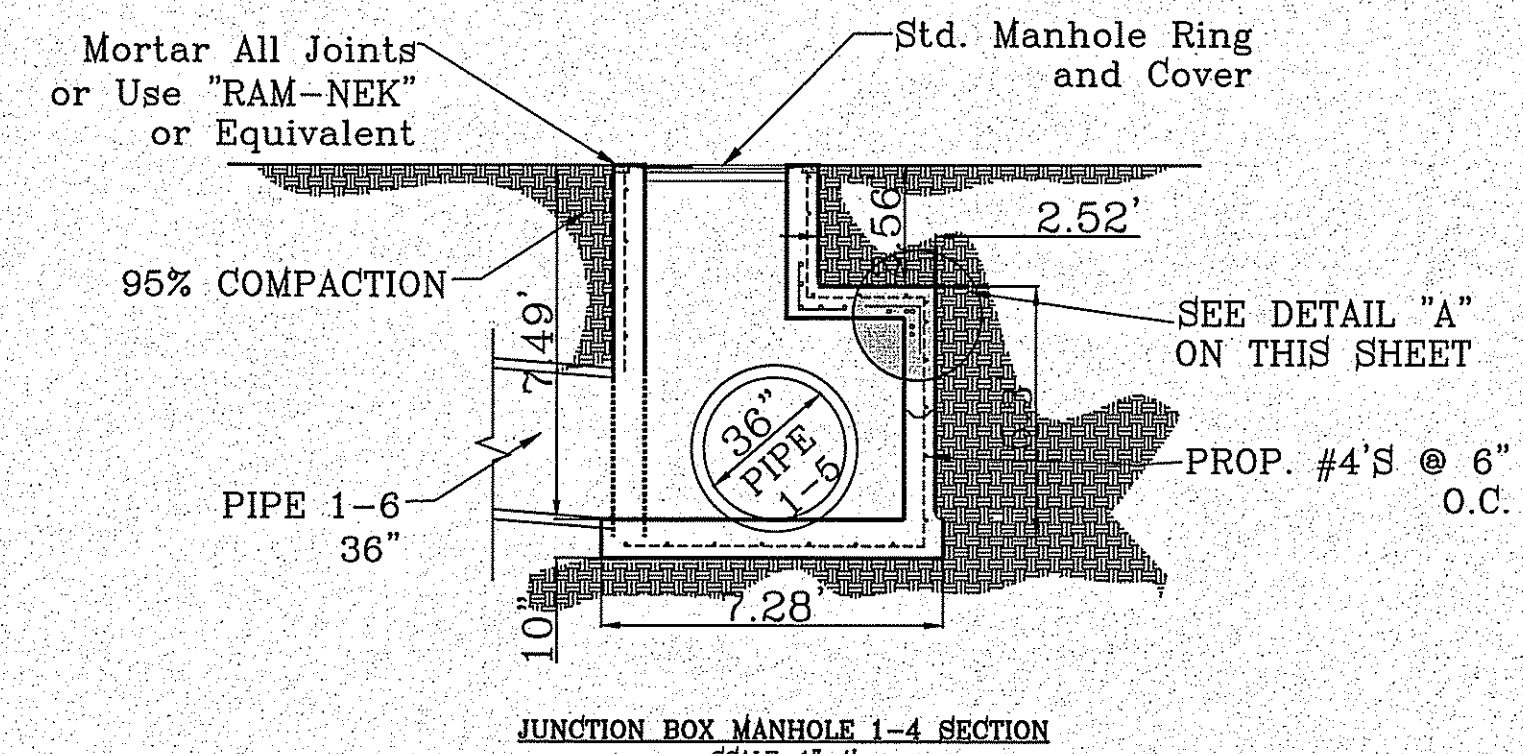


INLET 3-4  
ENLARGED PLAN VIEW  
SCALE 1" = 4'

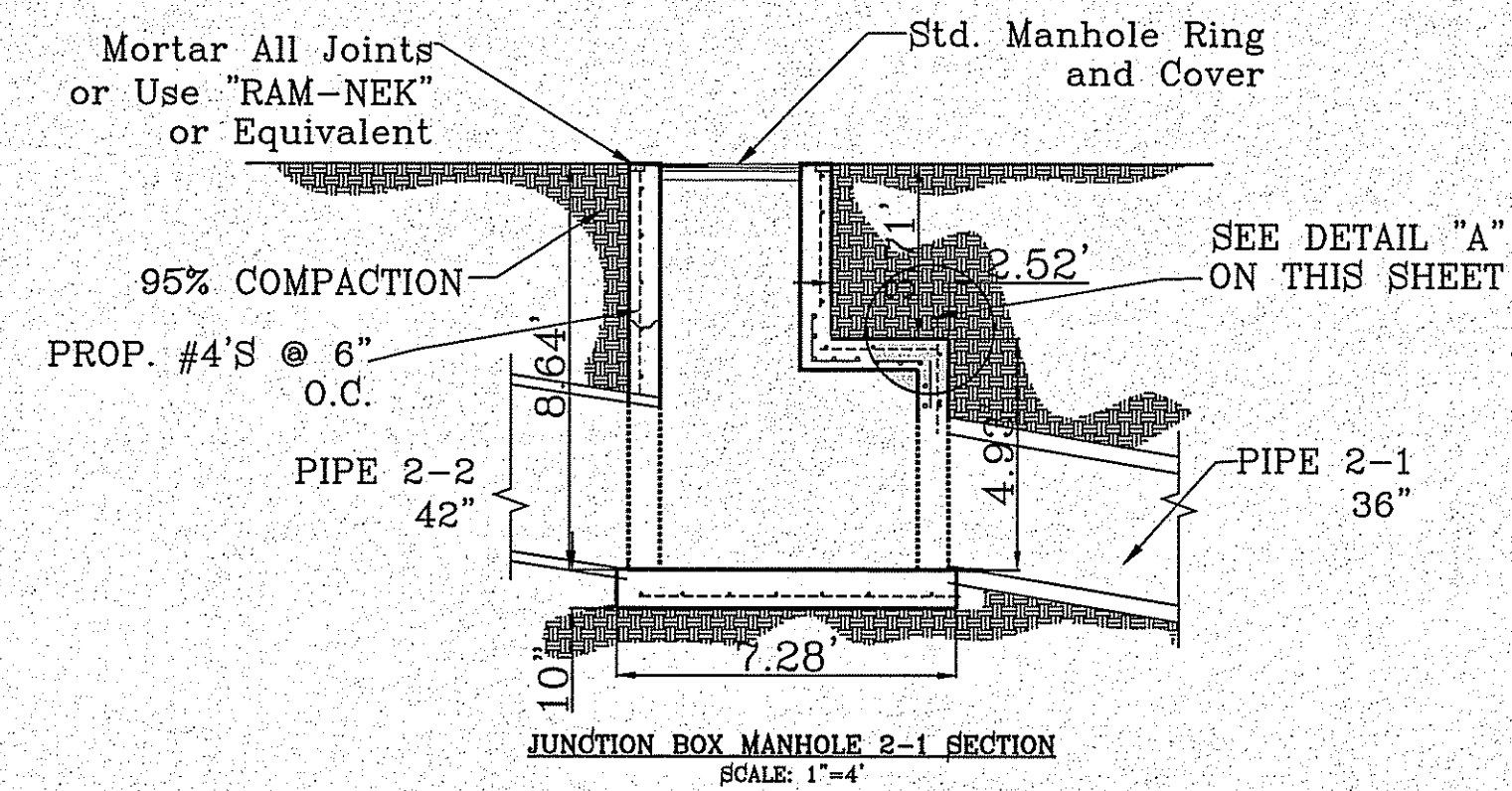
INLET TABLE		
STRUCTURE NAME	TOP OF INLET ELEVATION	INVERT ELEVATION
INLET 3-1	4023.33'	4017.04'
INLET 3-2	4025.52'	4019.96'



INLET 2-3  
ENLARGED PLAN VIEW  
SCALE 1" = 4'



JUNCTION BOX MANHOLE 1-4 SECTION  
SCALE: 1"=4'

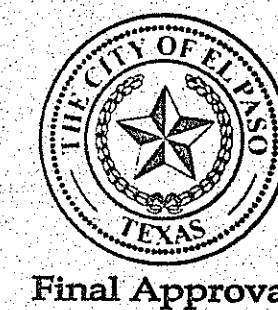


JUNCTION BOX MANHOLE 2-1 SECTION  
SCALE: 1"=4'

ALL R.C.P. ARE CLASS III OR SANITITE HP TRIPLE WALL UNLESS OTHERWISE NOTED

CONSTRUCTION NOTES:

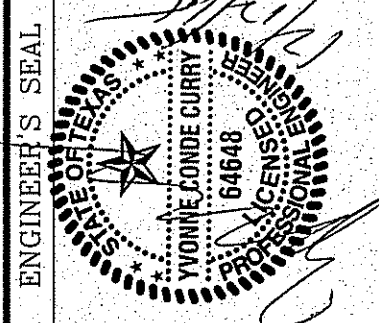
1. ALL CONCRETE FOR STRUCTURES SHALL BE 3000 PSI. UNLESS OTHERWISE NOTED.
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3. 95% COMPACTION REQUIRED FOR STRUCTURES AS PER ASTM D1557.
4. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60.
5. SANITITE HP TRIPLE WALL TO BE USED AS AN APPROVED ALTERNATE FOR ALL PIPE EXCEPT FOR THE PIPE ENTERING THE POND.
6. 72" DIAMETER PRECAST MANHOLE OPTIONAL FOR 48" MAXIMUM DIAMETER PIPE.



BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4023.96
DATE	REVISIONS
BY	

PROJECT NAME: TIERRA DEL ESTE UNIT 81 "B"  
 BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS, CONTAINING: 160.3274 ACRES

SCALE: HORIZ: VERT:  
 DATE: SEP. 2018  
 DESIGN BY: Y.C.  
 INITIATED BY: F.R.  
 CHECKED BY: Y.C.  
 JOB NO.: 718-56



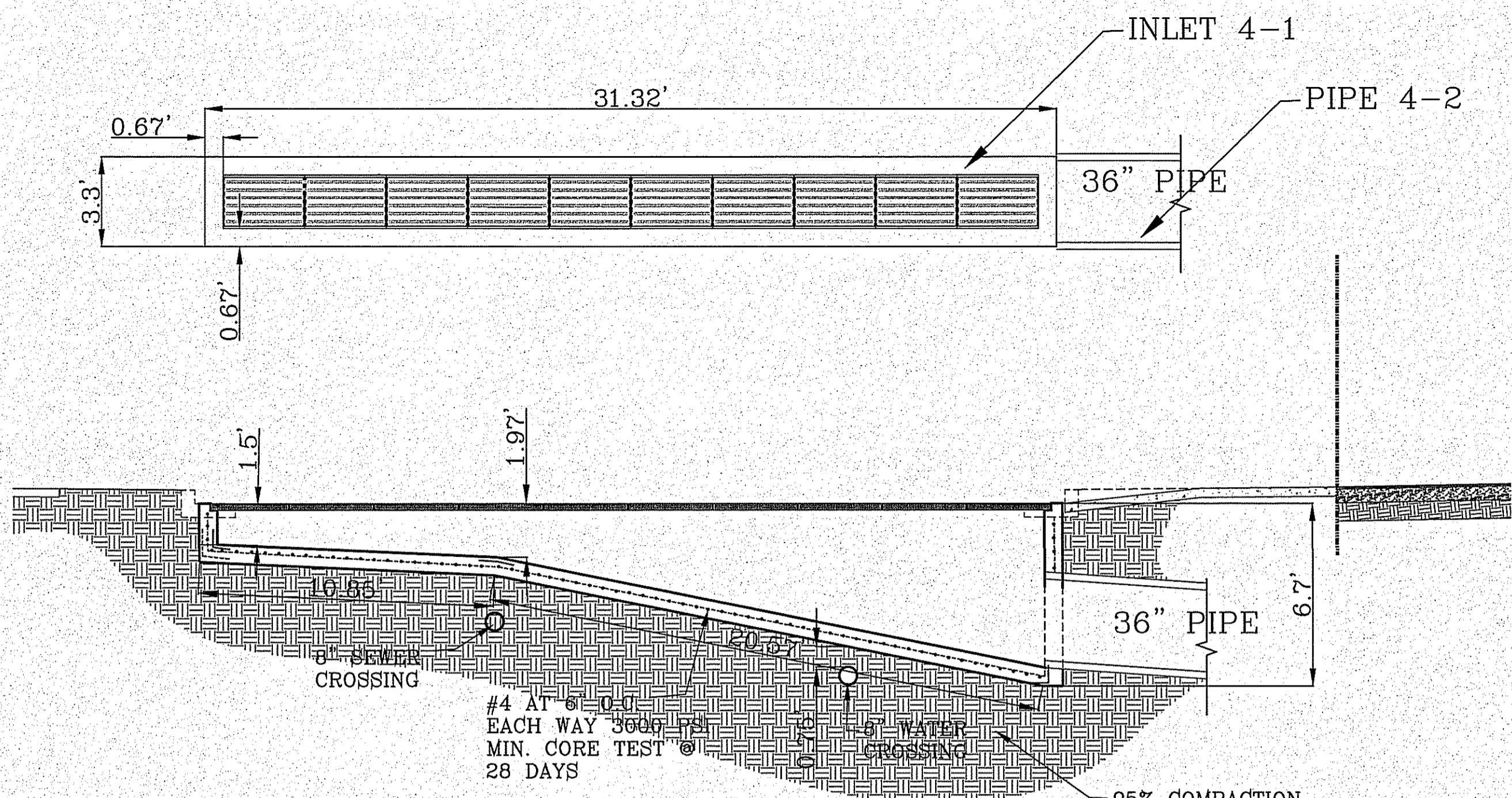
CONDE INC.  
 ENGINEERING / PLANNING  
 SURVEYING / GPS  
 6050 SURETY DR. STE 100  
 EL PASO, TEXAS 79905  
 PHONE: (915) 592-0263  
 FAX: (915) 592-0266



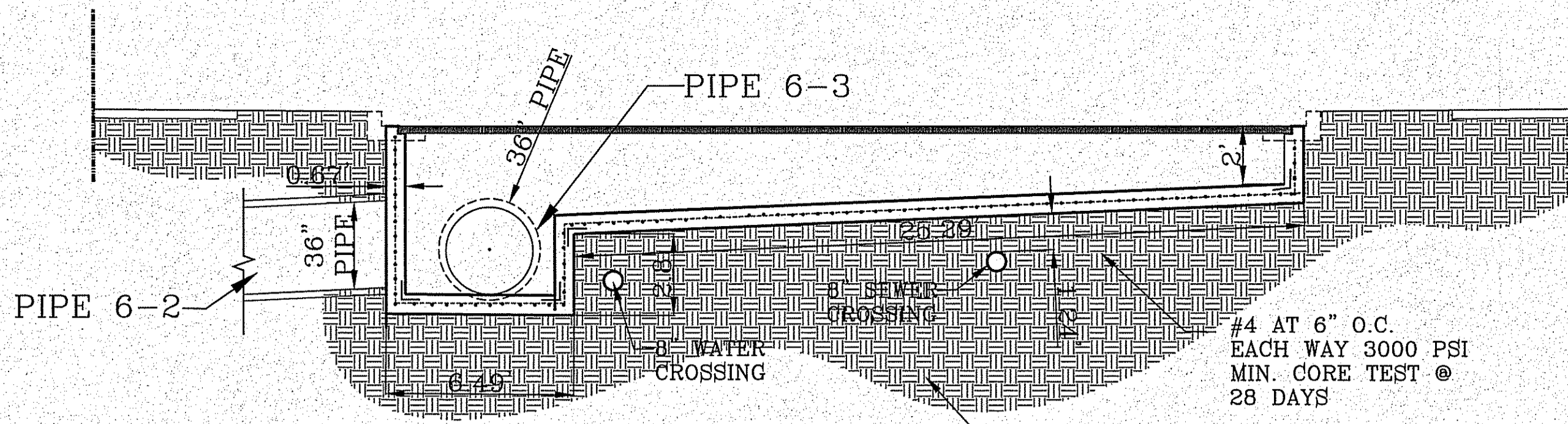
SHEET TITLE

STORM DRAIN INLET DETAILS

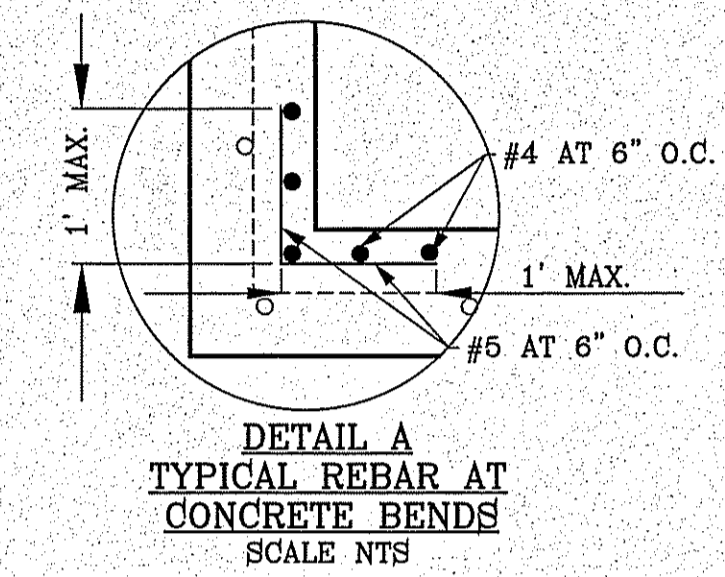
FILE LOCATION E:\Subdivisions\TDE 81 ENLARGED\TDE 81 DRAINAGE STRUCTURES PLOTTED ON Friday, November 2, 2018 2:31:10 PM BY FELIX RODRIGUEZ



**INLET 4-1  
ENLARGED PLAN VIEW**  
SCALE 1" = 4'



**INLET 6-1  
ENLARGED PLAN VIEW**  
SCALE 1" = 4'



ALL R.C.P. ARE CLASS III OR SANITITE HP TRIPLE WALL UNLESS OTHERWISE NOTED

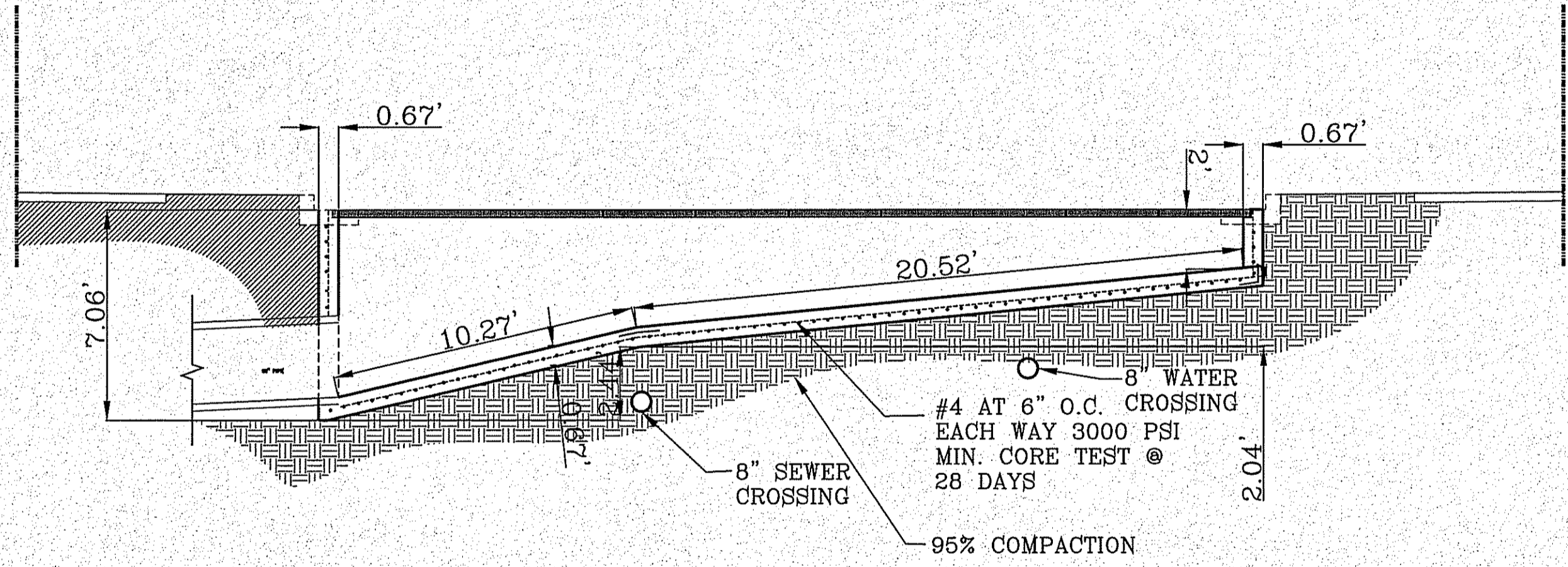
**CONSTRUCTION NOTES:**

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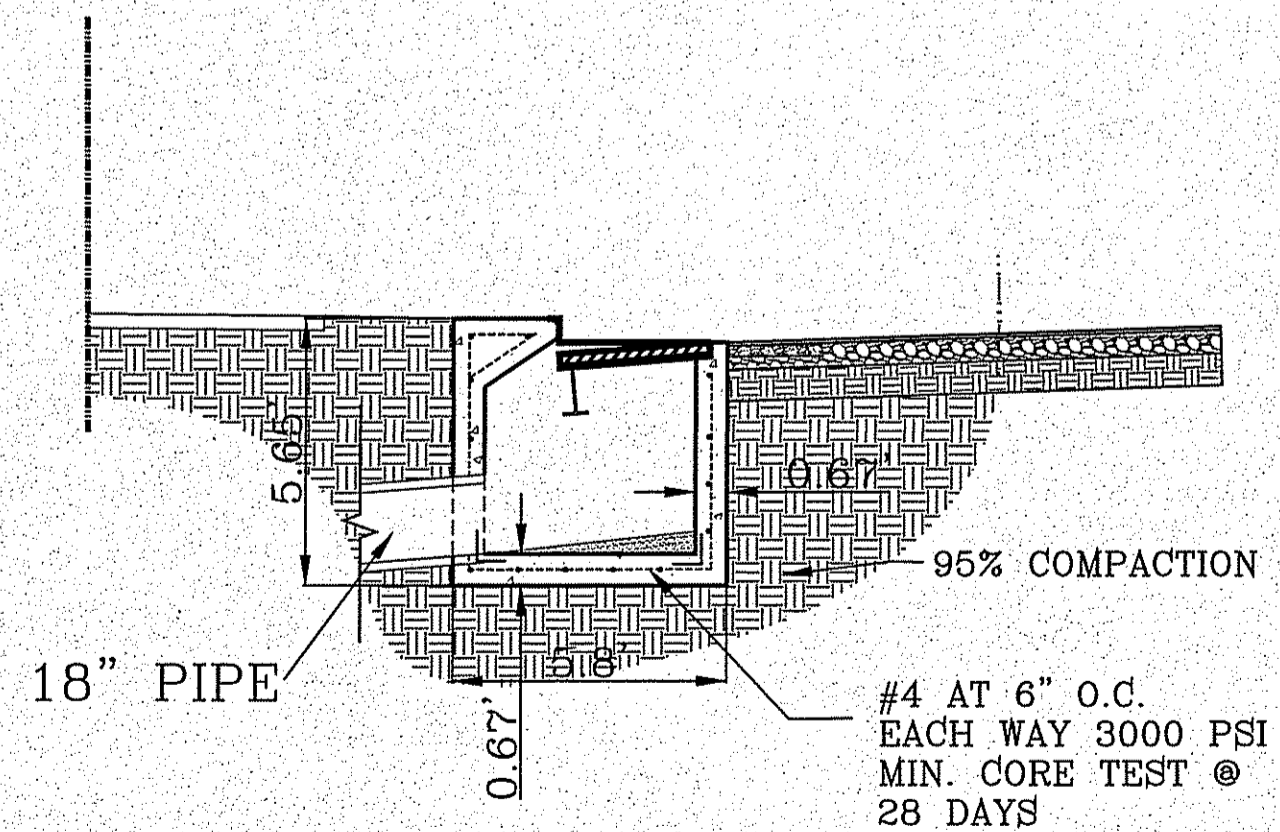
INLET TABLE		
STRUCTURE NAME	TOP OF INLET ELEVATION	INVERT ELEVATION
INLET 4-1	4022.30'	4016.26'

INLET TABLE		
STRUCTURE NAME	TOP OF INLET ELEVATION	INVERT ELEVATION
INLET 5-1	4023.50'	4018.52'

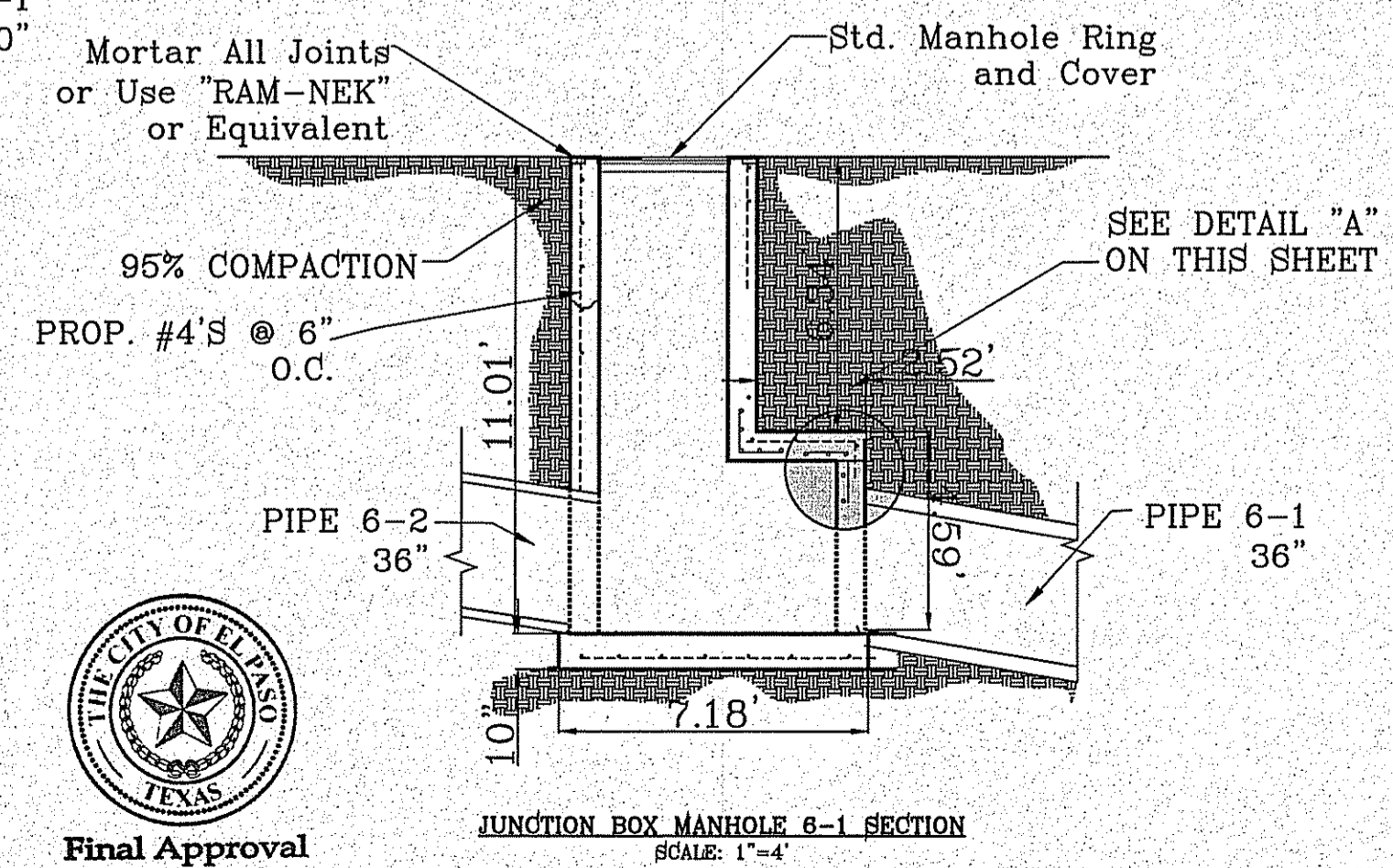
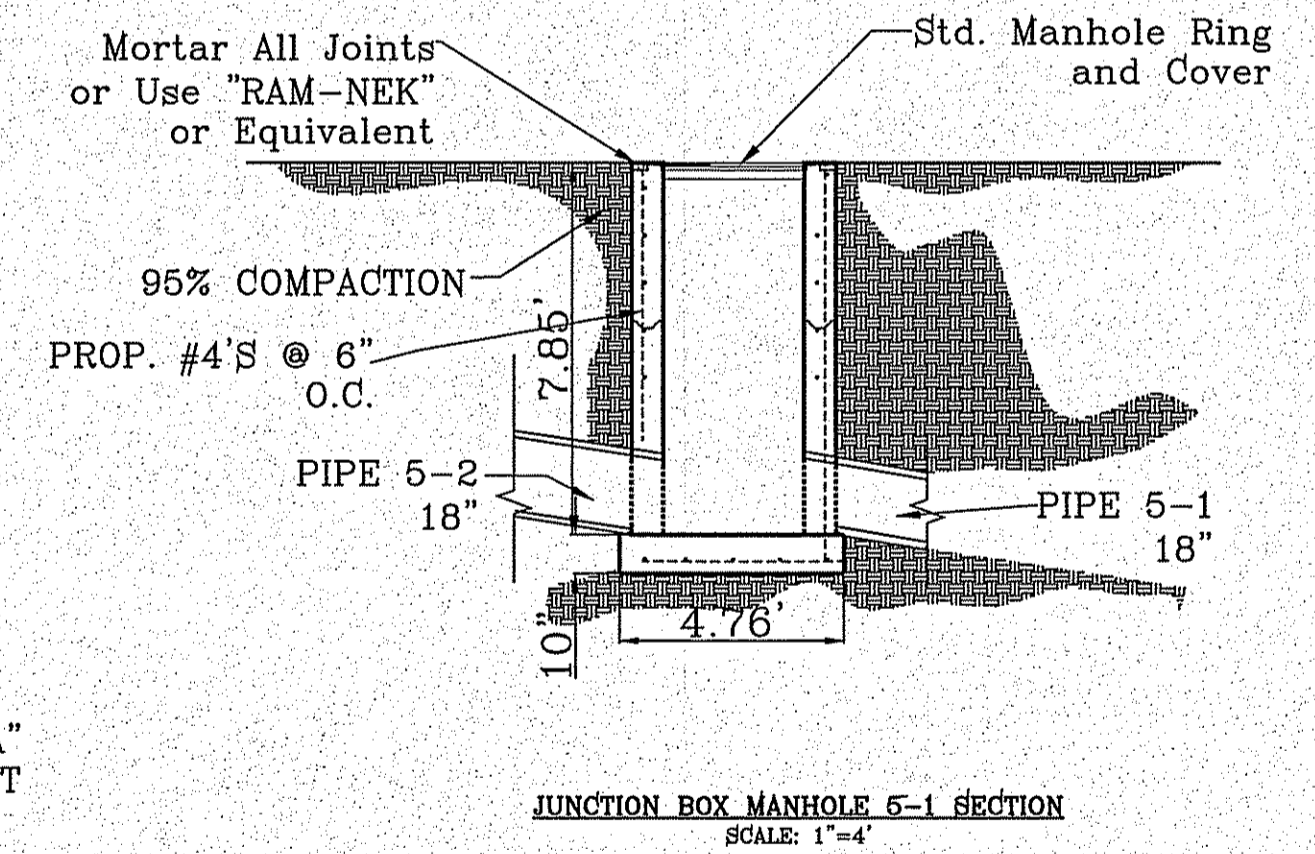
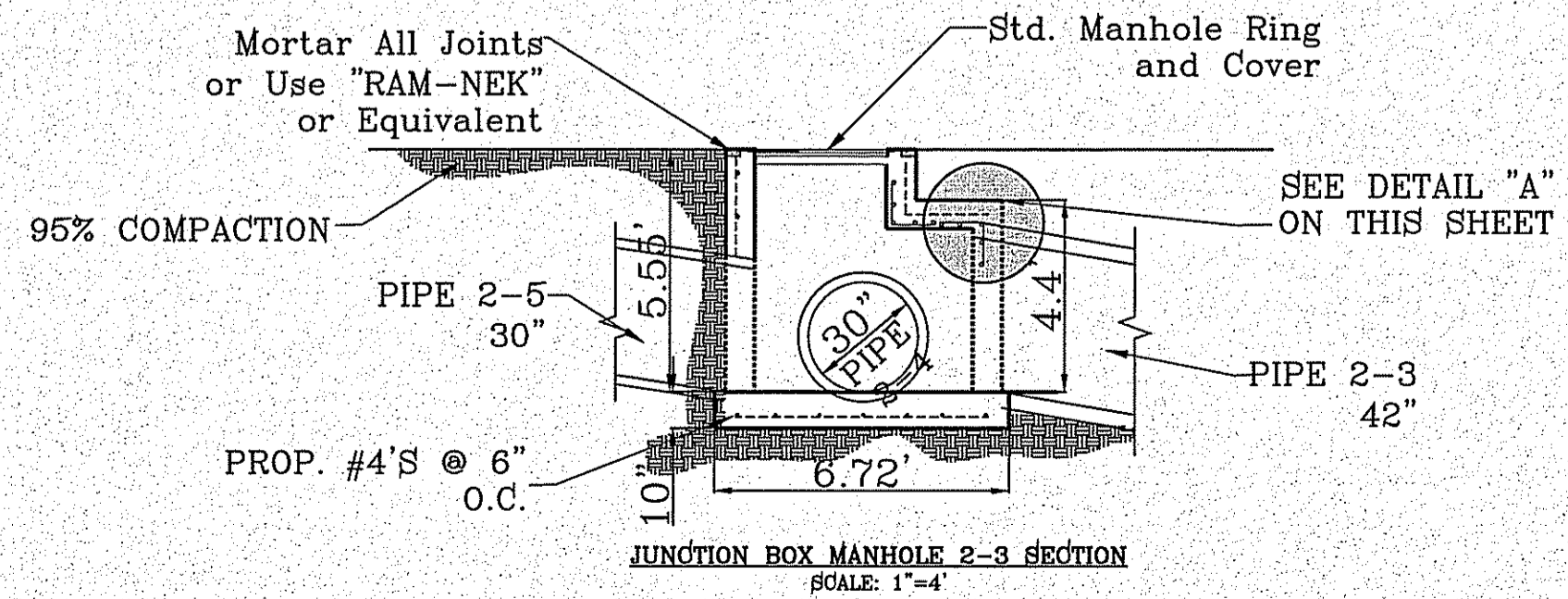
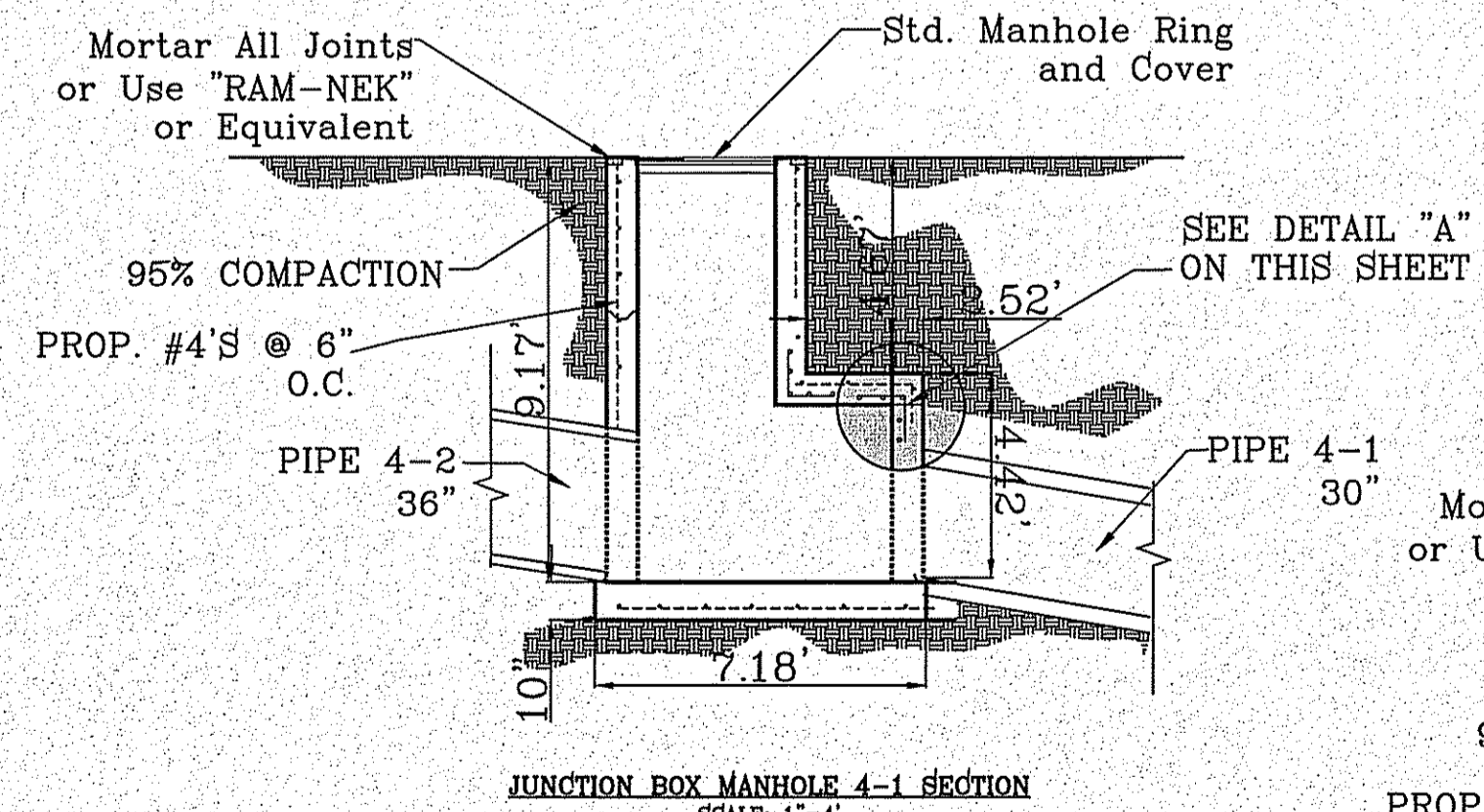
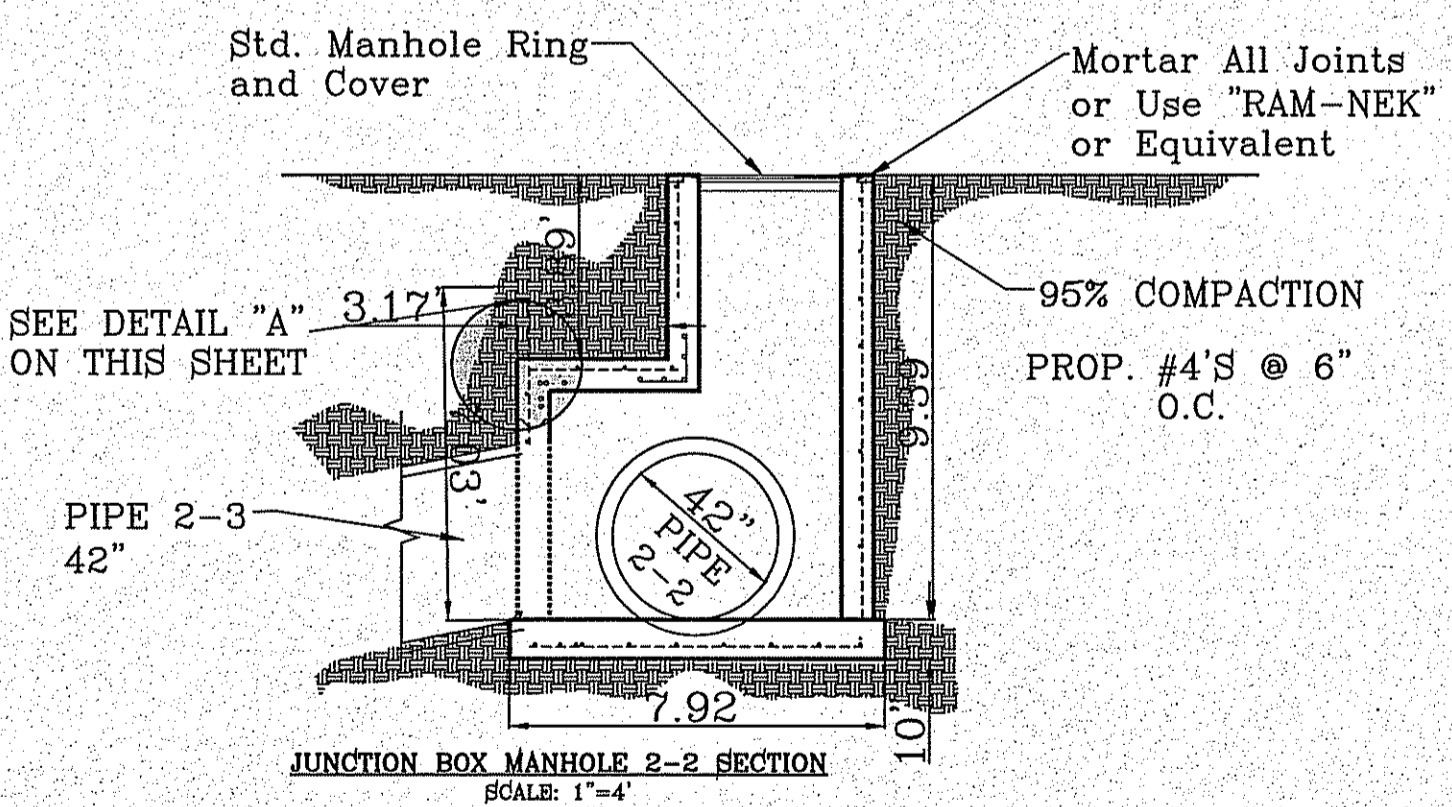
INLET TABLE		
STRUCTURE NAME	TOP OF INLET ELEVATION	INVERT ELEVATION
INLET 6-1	4023.56'	4016.04'
INLET 6-2	4024.70'	4018.38'



**INLET 6-2  
ENLARGED PLAN VIEW**  
SCALE 1" = 4'



**INLET 5-1  
ENLARGED PLAN VIEW**  
SCALE 1" = 4'



BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF  
HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 86

PROJECT NAME  
**TERRA DEL ESTE UNIT 81 "B"**

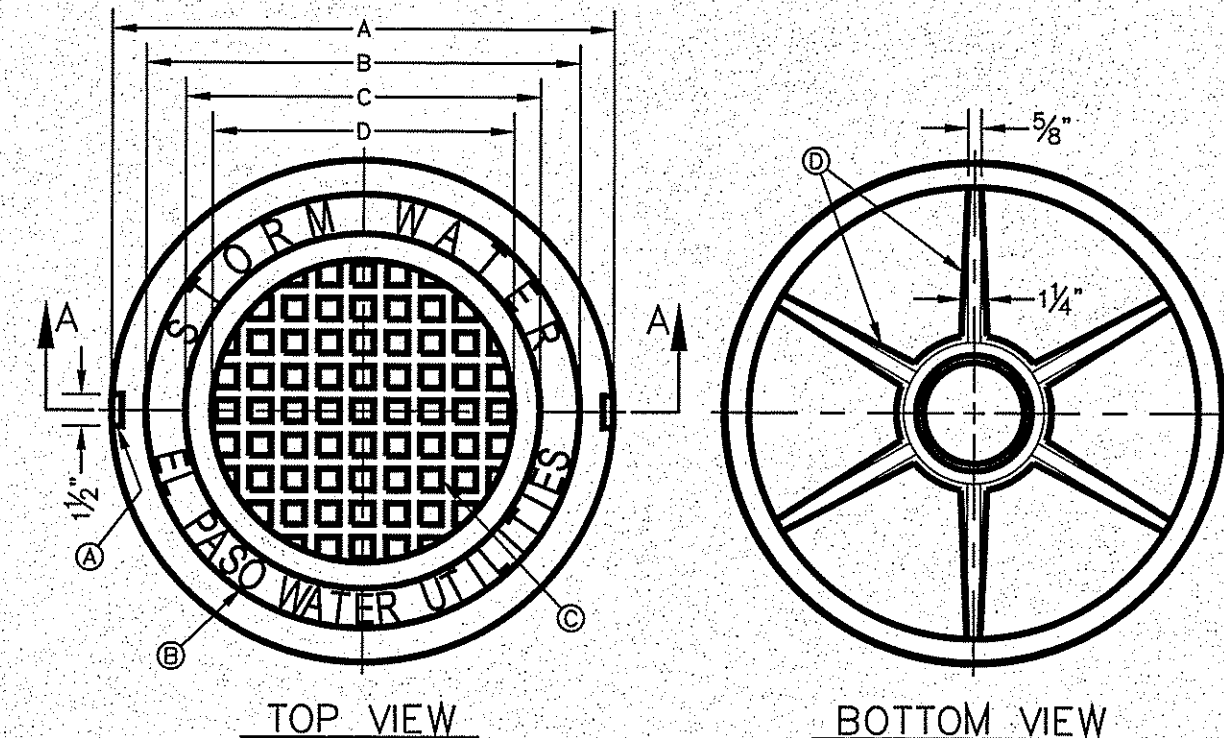
BEING PORTION OF SECTION 48, BLOCK 79  
TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING: 160.327± ACRES

ENGINEER'S SEAL  
HORIZ: VERT:  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**STORM DRAIN  
INLET DETAILS**

FILE LOCATION S:\Subdivisions\TDE 81\_B\DWG\DRAINAGE\_STRUCTURE\_DETAILS PLOTTED ON Friday, November 2, 2018 2:31:24 PM BY FELIX RODRIGUEZ

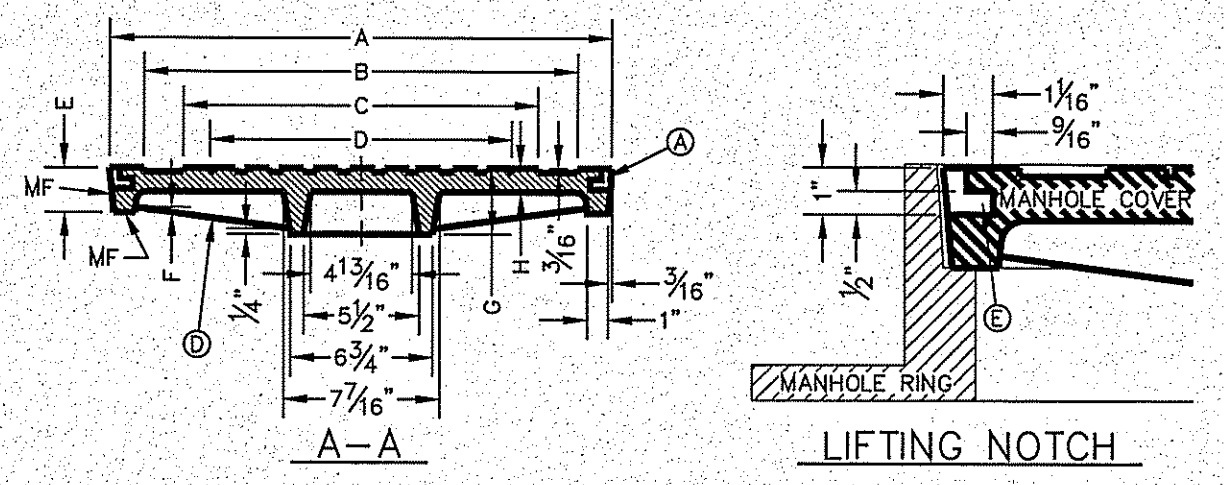


- GENERAL NOTES:**
1. MATCHING SURFACES MARKED "MF" TO BE FINISHED OF ANY IRREGULARITIES THAT WOULD PREVENT A SNUG FIT.
  2. CASTING TO BE SMOOTH & VOID OF AIR HOLES.
  3. CASTING MUST MEET REQUIREMENTS OF AASHTO M306-07.
  4. AS-CAST DIMENSIONS MAY VARY  $\pm 1/16$ " PER FOOT (AASHTO M306-07).
  5. WEIGHT MAY VARY  $\pm 5\%$  (AASHTO M306-07).
  6. SHADED DIMENSIONS IN TABLE FOR REFERENCE ONLY. SOURCE: CITY OF EL PASO DESIGN STANDARDS FOR CONSTRUCTION, DETAIL 2-17.

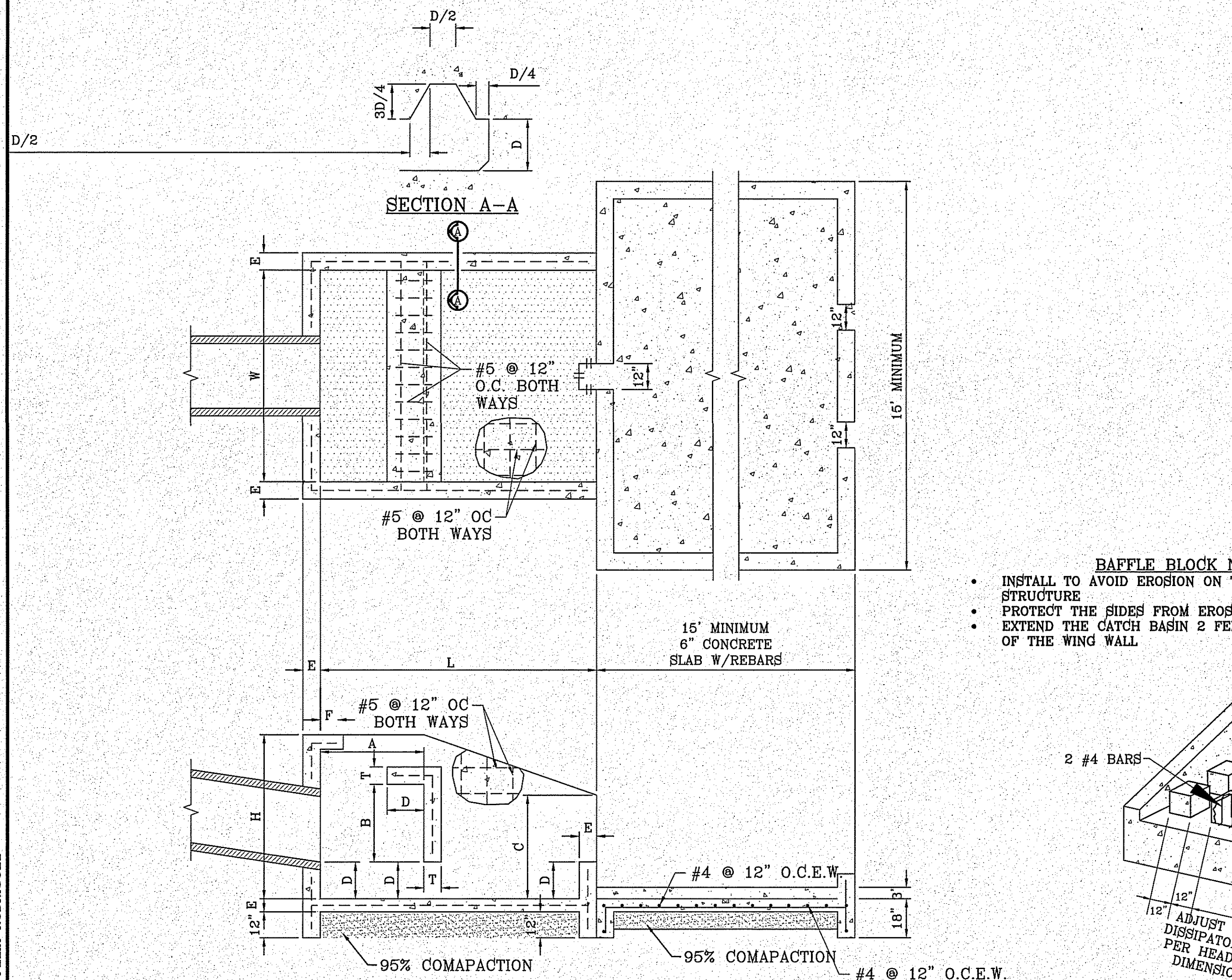
- CONSTRUCTION KEY NOTES:**
- A. LIFTING NOTCH.
  - B.  $3/16$ " RAISED LETTERING.
  - C. 1" SQUARES ( $1/16$ " TALL) WITH  $1/8$ " SPACE BETWEEN.
  - D. REINFORCING RIBS.
  - E. SLOT.

SEE NOTE 6

MANHOLE COVER	MANHOLE - ALL TYPES	MANHOLE TYPE 48"	MANHOLE TYPE 72"
A	31 3/8"	23 3/8"	31 3/8"
B	28 5/8"	20 5/8"	28 5/8"
C	24 3/8"	16 3/8"	24 3/8"
D	21 1/8"	14 1/8"	21 1/8"
E	2 1/2"	1 1/2"	2 1/2"
F	1/4"	1/4"	1/4"
G	3 1/8"	3 1/8"	3 1/8"
H	1 1/8"	1 1/8"	1 1/8"
WEIGHT	265 lbs.	175 lbs.	310 lbs.



FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\DRAINAGE STRUCTURE DETAILS PLOTTED ON Friday, November 2, 2018 2:31:29 PM BY FELIX RODRIGUEZ



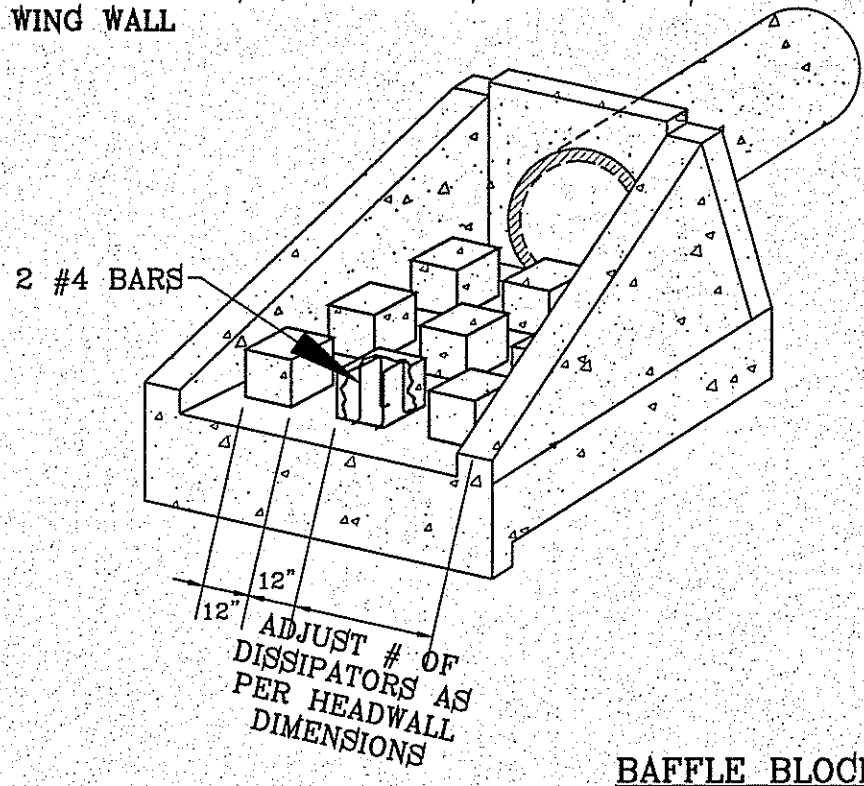
**THRUST BLOCK DIMENSION CALCULATIONS (NEED DATA IN YELLOW)**

DATA INPUT FROM STROMCAD & STRUCTURES								THRUST BLOCK DIMENSIONS									
Struct. no.	Pipe size	CFS (total)	Velocity (v)	Depth (d)	g	froud	W/D (from chart)	W	H (3/4)	L (4/3)	A (1/2)	B (3/8)	C (1/2)	D (1/6)	E (1/12)	F (1/12)	T (1/12)
1	42	107.33	8.54	1.23	32.2	1.36	3.40	6'-0"	4'-6"	5'-8"	2'-6"	1'-10"	2'-6"	0'-10"	0'-8"	0'-8"	0'-8"
2	36	75.03	8.73	1.18	32.2	1.42	3.50	5'-0"	4'-6"	5'-6"	2'-0"	1'-8"	2'-0"	0'-8"	0'-8"	0'-8"	0'-8"
3	36	50.97	8.21	1.18	32.2	1.33	3.33	5'-0"	4'-6"	5'-3"	2'-0"	1'-6"	2'-0"	0'-8"	0'-8"	0'-8"	0'-8"
4	30	55.91	11.52	1.15	32.2	1.96	4.15	4'-6"	3'-6"	6'-4"	2'-5"	1'-9"	2'-5"	0'-8"	0'-8"	0'-8"	0'-8"
6	36	51.50	7.69	0.94	32.2	1.40	3.50	5'-0"	4'-6"	4'-5"	1'-8"	1'-5"	1'-8"	0'-8"	0'-8"	0'-8"	0'-8"

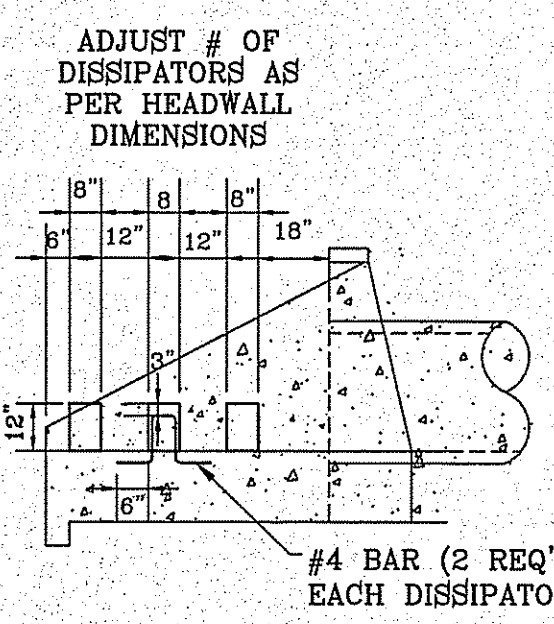
**HEAD WALL DIMENSIONS**

DIA. OF PIPE	A	B	C	D	E	F	G	H	I	J	K	L (MIN.)	M	N
18"	18"	36"	3' 6"	16"	2' 4"	3' 0"	7"	9"	5 1/2"	9"	9"	2'	2' 6"	3"

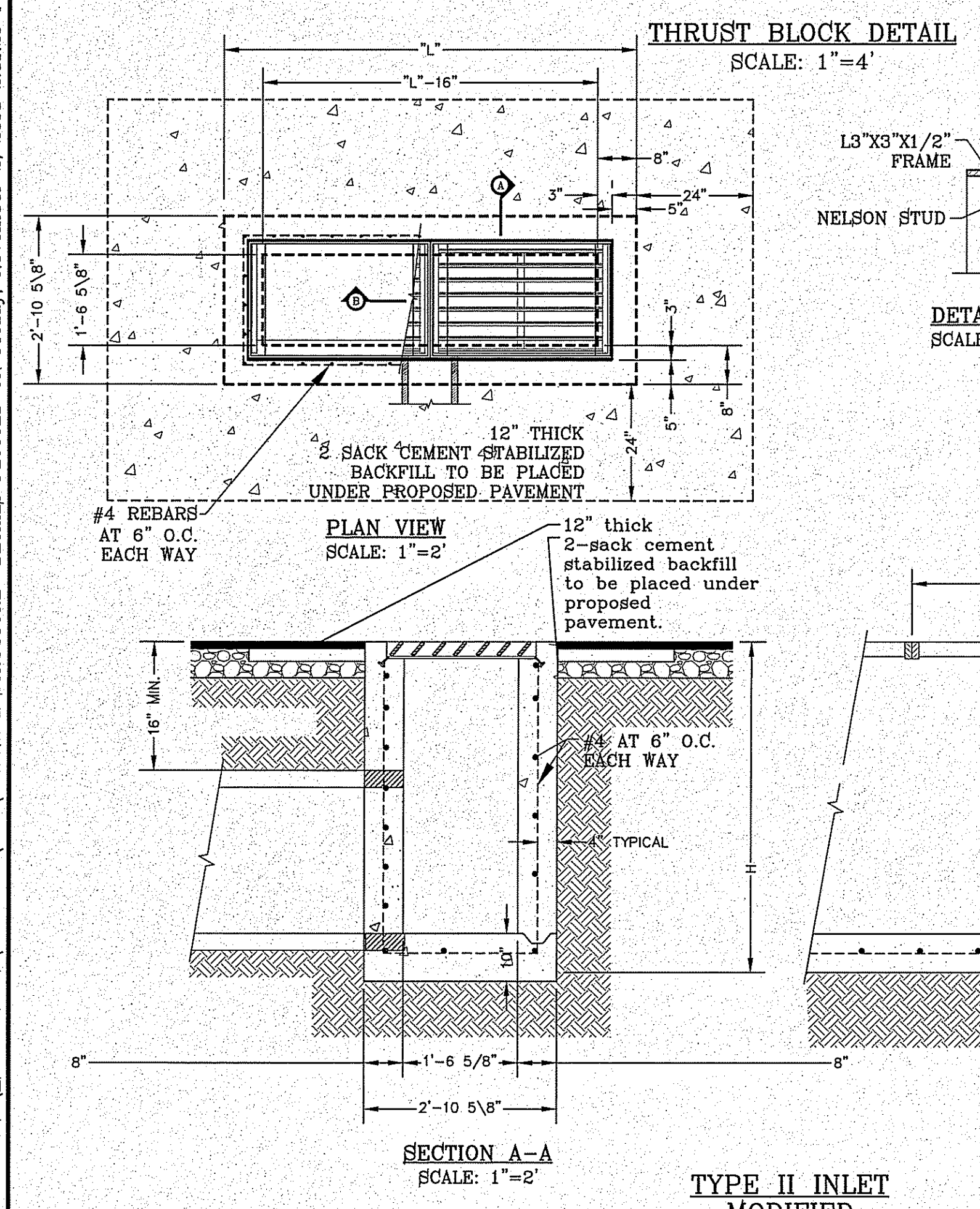
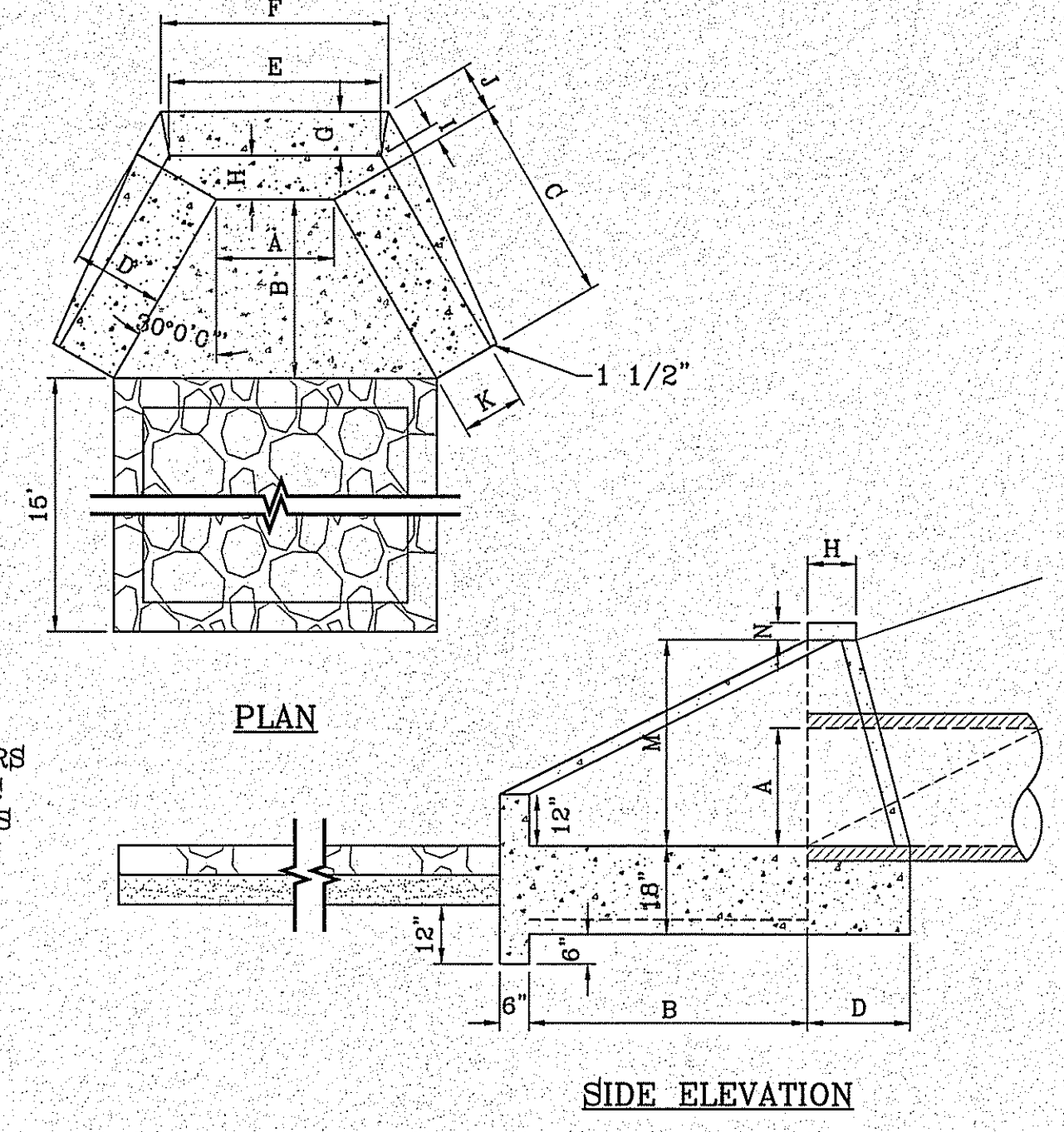
- BAFFLE BLOCK NOTES**
- INSTALL TO AVOID EROSION ON THE SIDES OF THE STRUCTURE
  - PROTECT THE SIDES FROM EROSION
  - EXTEND THE CATCH BASIN 2 FEET PAST BOTH SIDES OF THE WING WALL



**BAFFLE BLOCK DETAIL**  
SCALE: 1"=4'



**HEAD WALL DETAIL**  
SCALE: 1"=3'

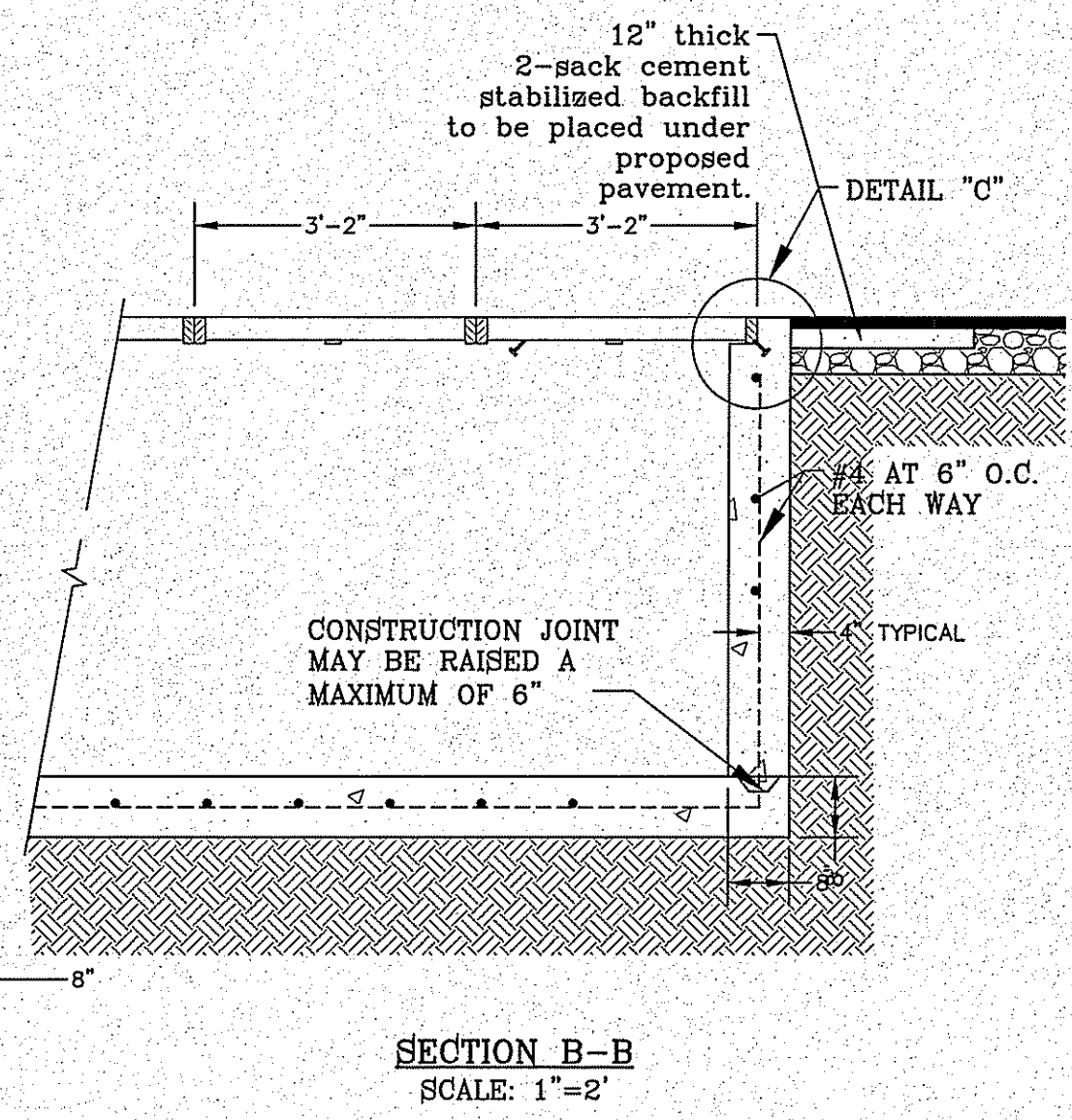


**THRUST BLOCK DETAIL**  
SCALE: 1"=4'

**DETAIL "C"**  
SCALE: 1"=5'

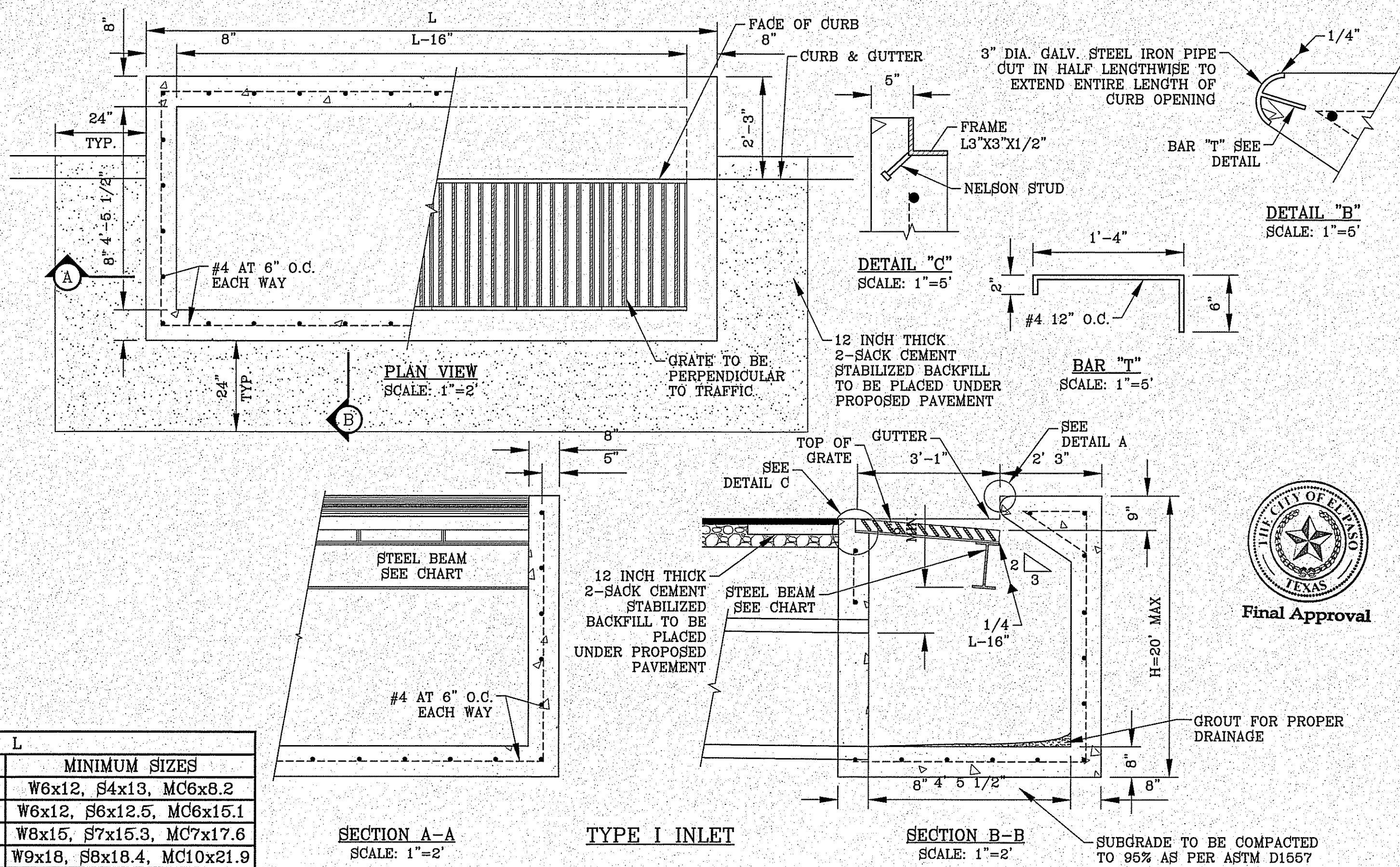
No. OF GRATES	"L"
2	7'-1"
3	10'-2"
4	13'-3"
5	16'-4"

- NOTES:**
- H=20' MAXIMUM
  - CONCRETE TO BE 3000 PSI MIN. CORE TEST @ 28 DAYS.
  - GRATE TO BE PERPENDICULAR TO TRAFFIC.



**SECTION B-B**  
SCALE: 1"=2'

**TYPE II INLET MODIFIED**



**SECTION A-A**  
SCALE: 1"=2'

**TYPE I INLET**

**SECTION B-B**  
SCALE: 1"=2'

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



**CONDE INC.**  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
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FAX: (915) 592-0266

**ENGINEER'S SEAL**

**DESIGN BY: Y.C.**  
**INITIATED BY: F.R.**  
**CHECKED BY: Y.C.**

**DATE: SEP. 2018**

**VERT.:**  
**HORIZ.:**

**PROJECT NAME**  
**TERRA DEL ESTE UNIT 81 "B"**

**BENCHMARK**  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF  
HOLLY HAVEN AND MIKE FIDEL DRIVE  
ELEVATION = 4083.98 .....NAVD 88

**REVISIONS**

**DATE**

**BY**

**FILE LOCATION**  
S:\Subdivisions\TDE 81 B\DWG\DRAINAGE STRUCTURE DETAILS PLOTTED ON Friday, November 2, 2018 2:31:29 PM BY FELIX RODRIGUEZ

**SCALE**

**SCALE**  
HORIZ.:  
VERT.:

**JOB NO.:** 719-58

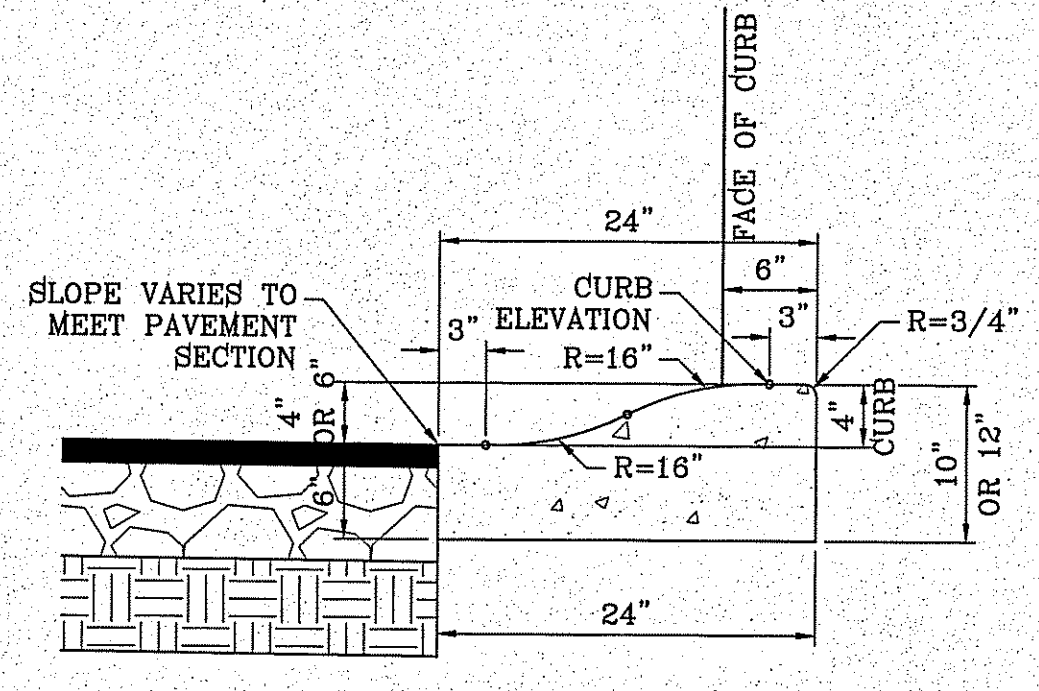
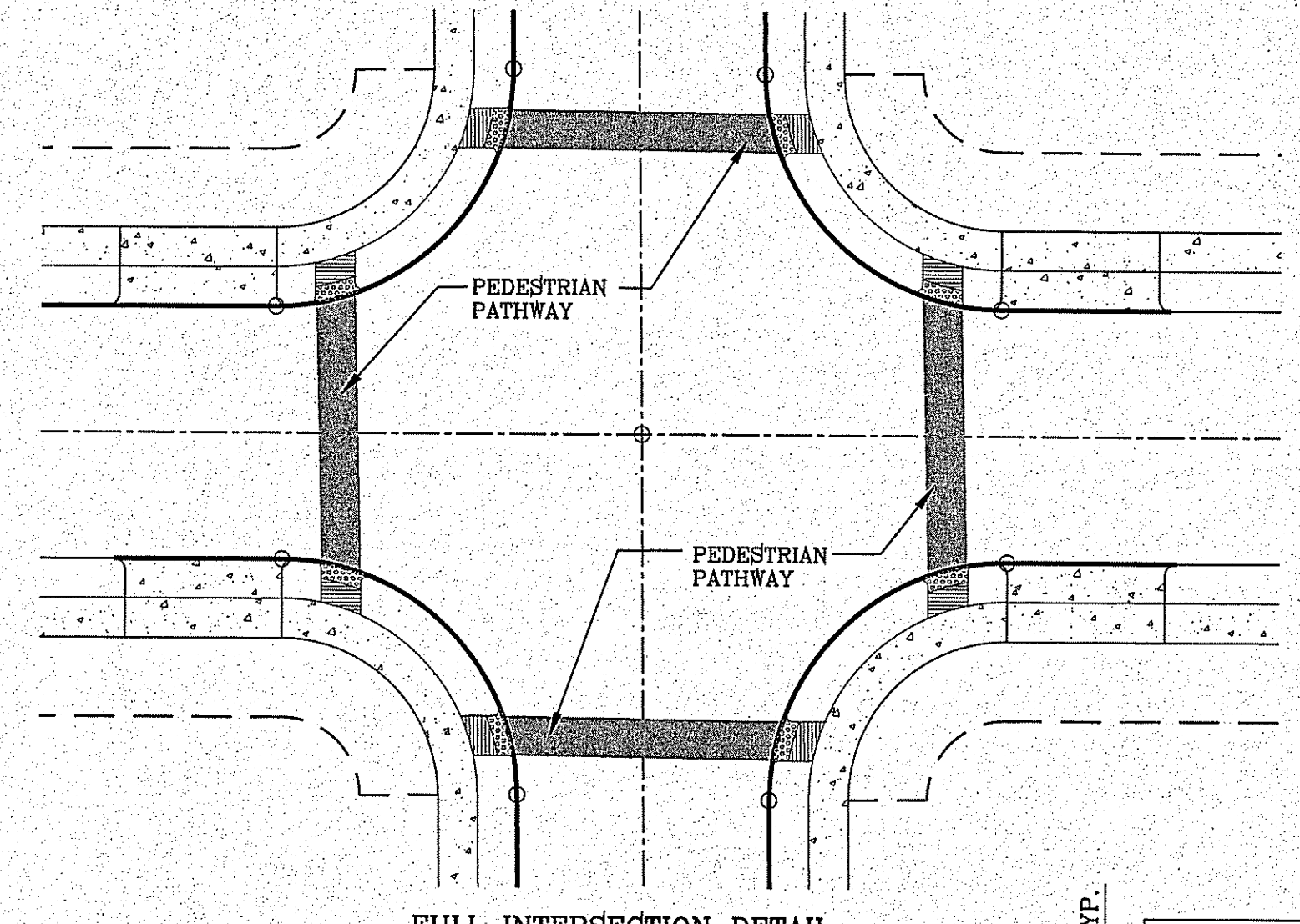
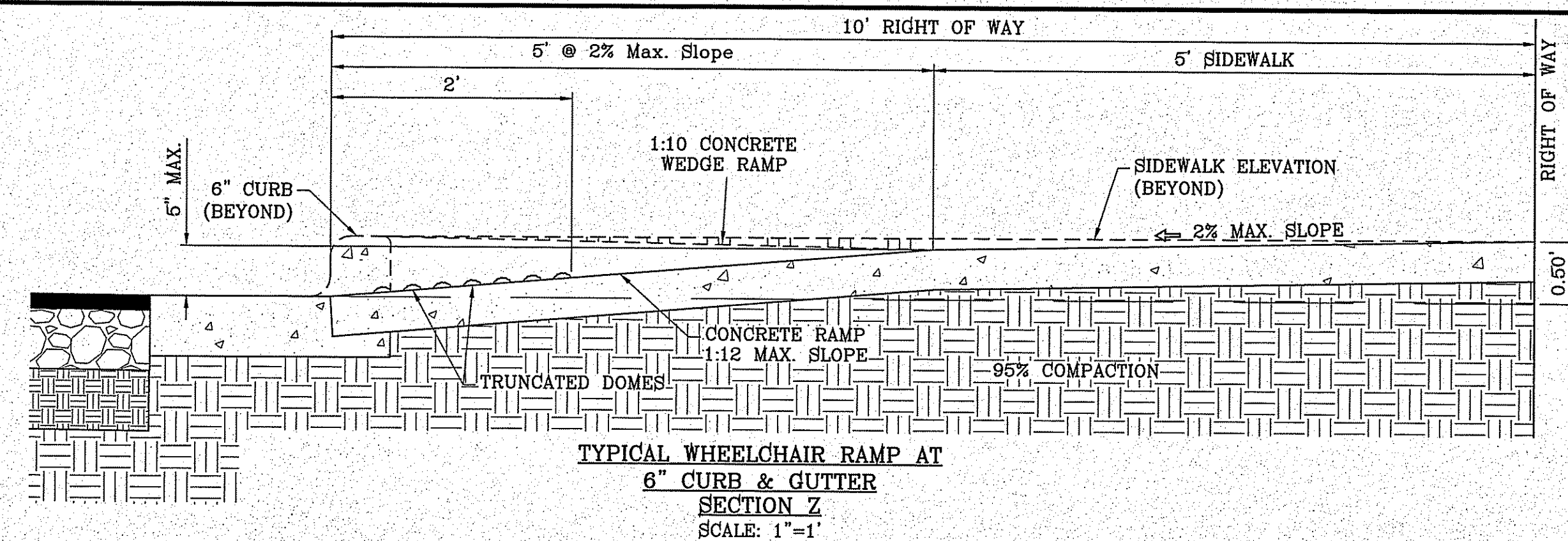
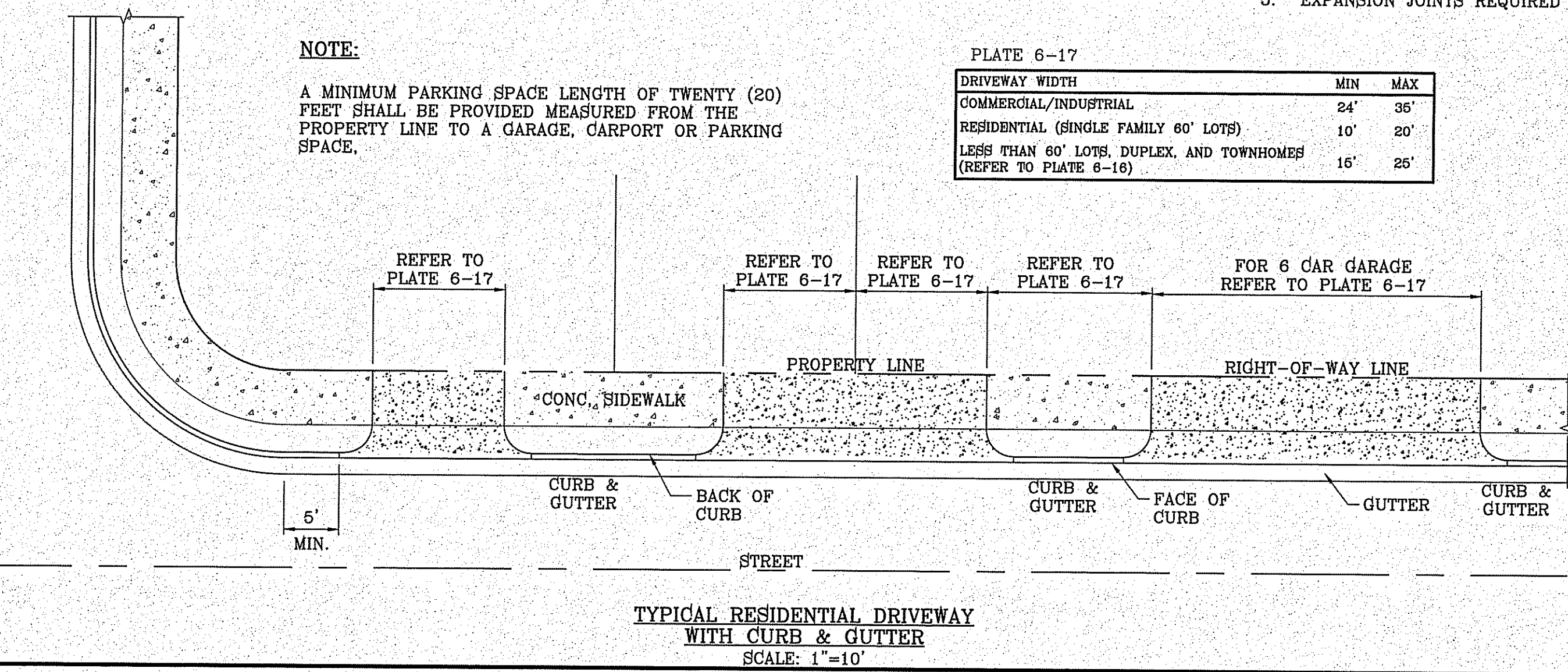
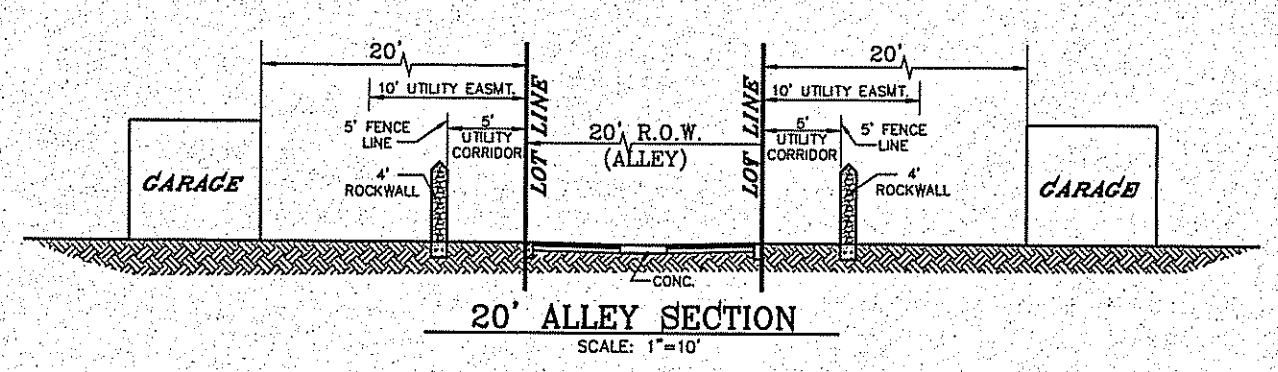
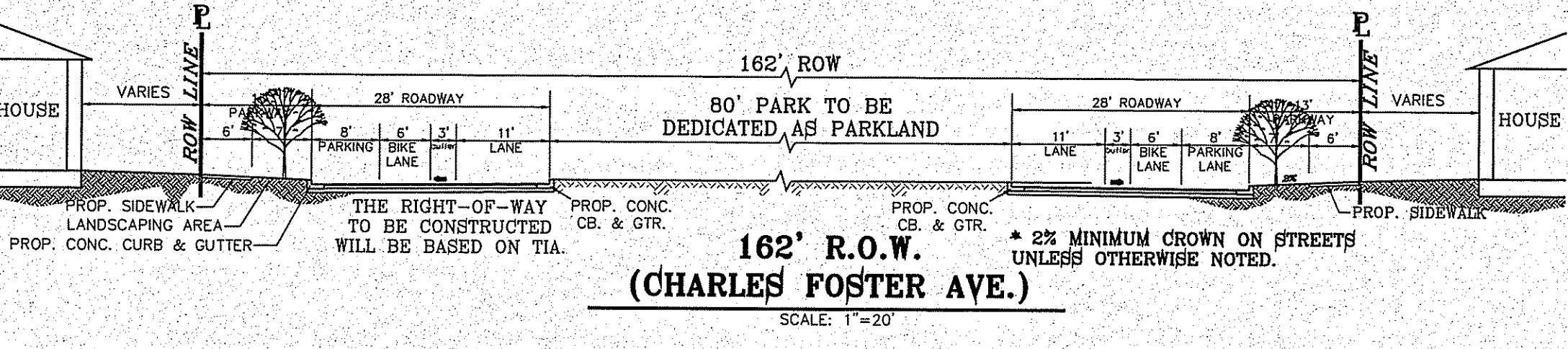
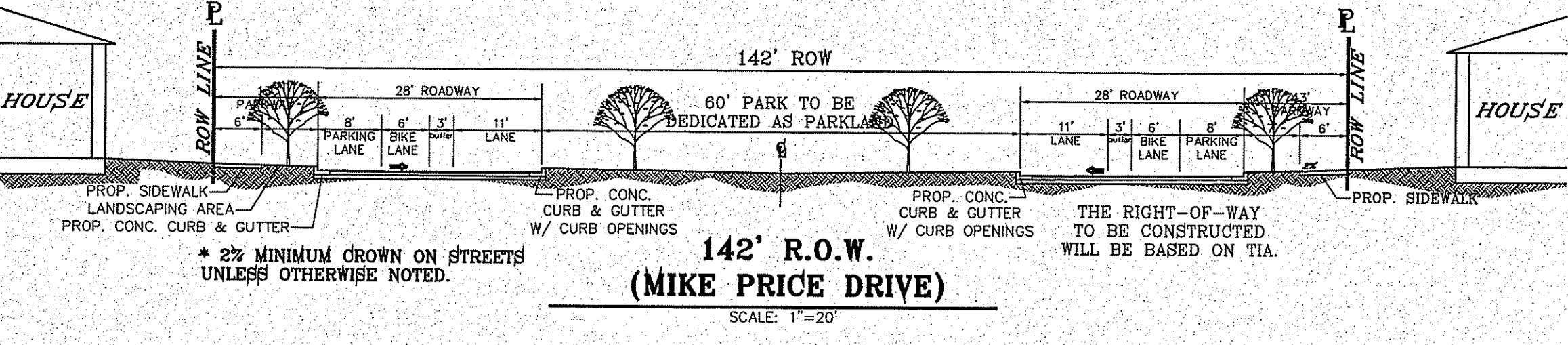
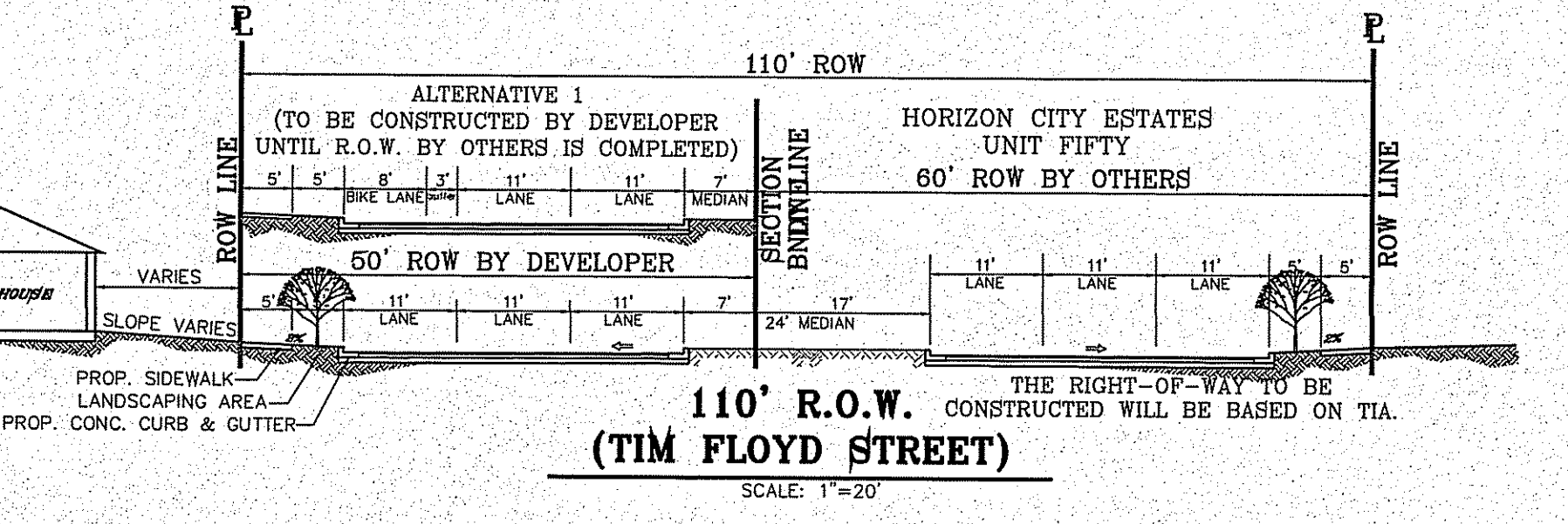
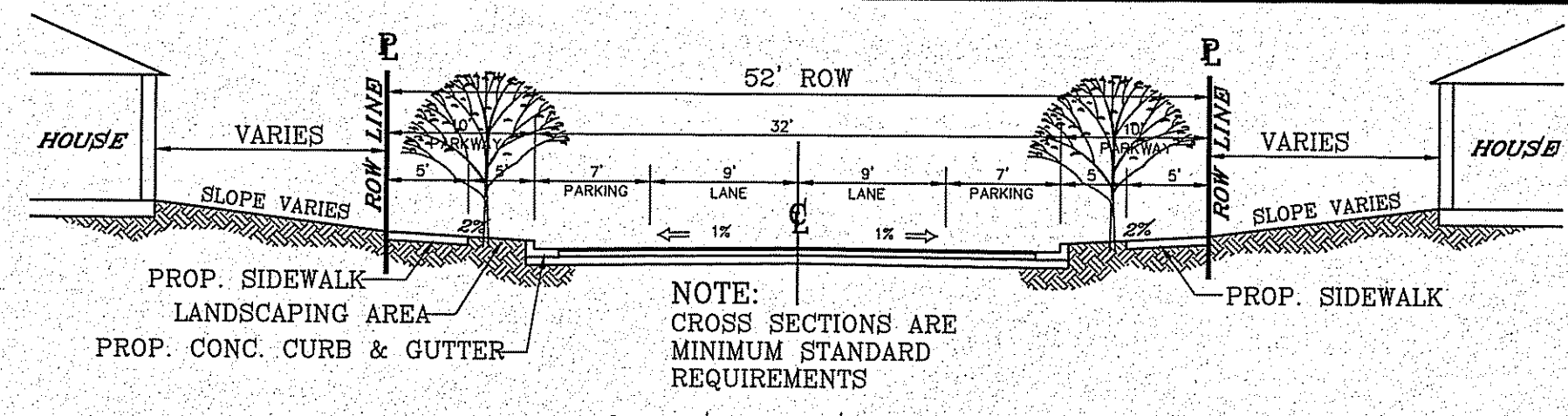
**BEING PORTION OF SECTION 48, BLOCK 79,  
TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS,  
CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING: 160.9274 ACRES**

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

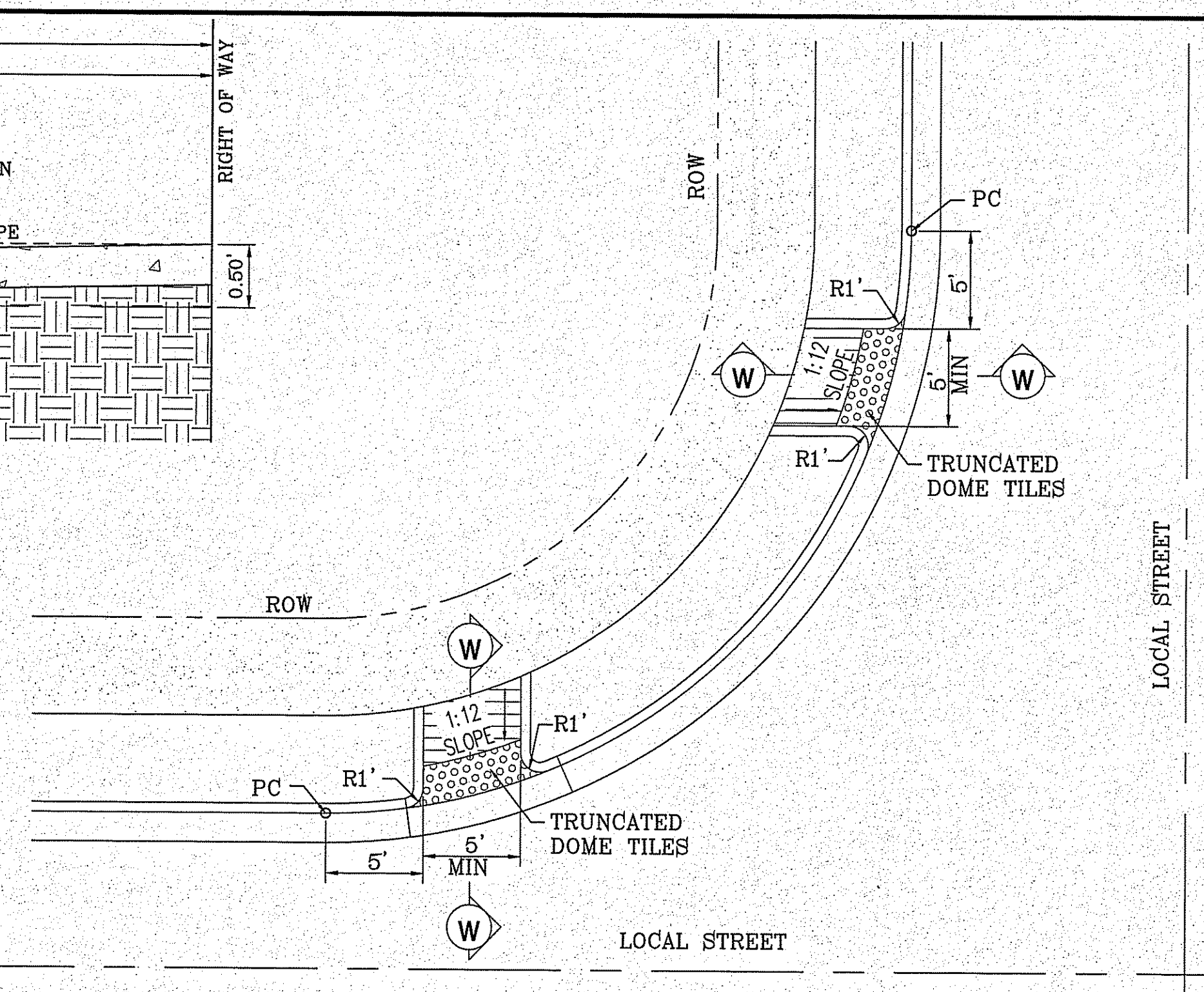
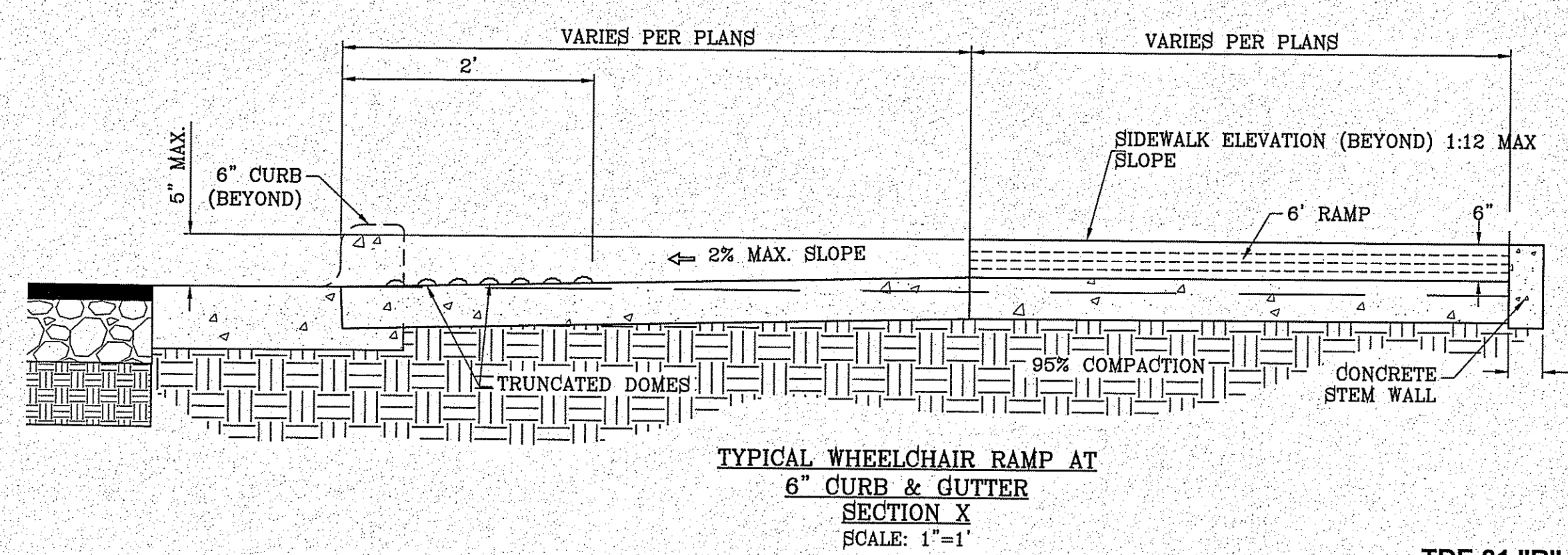
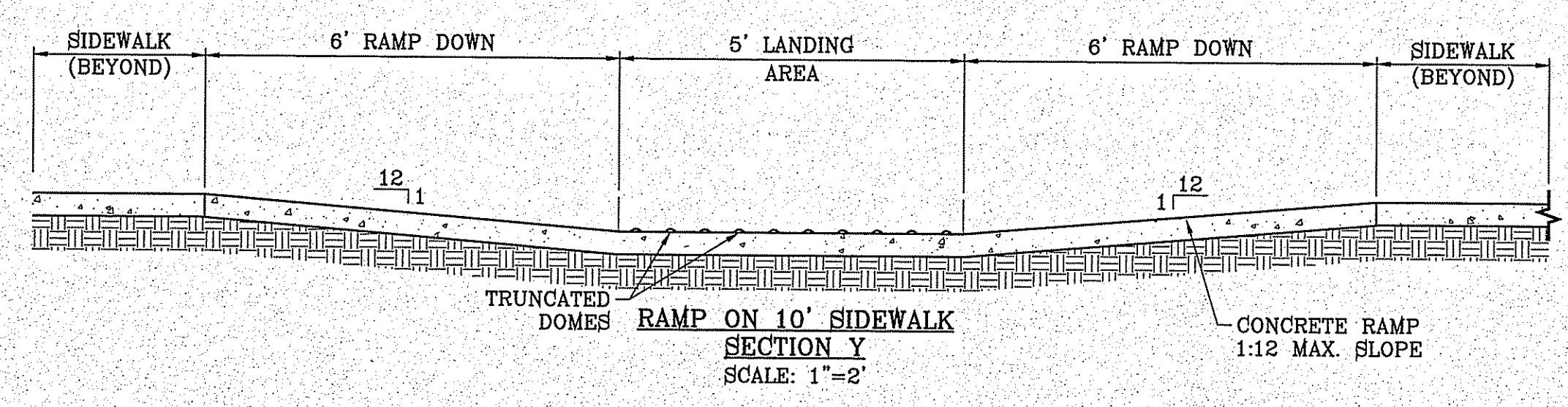
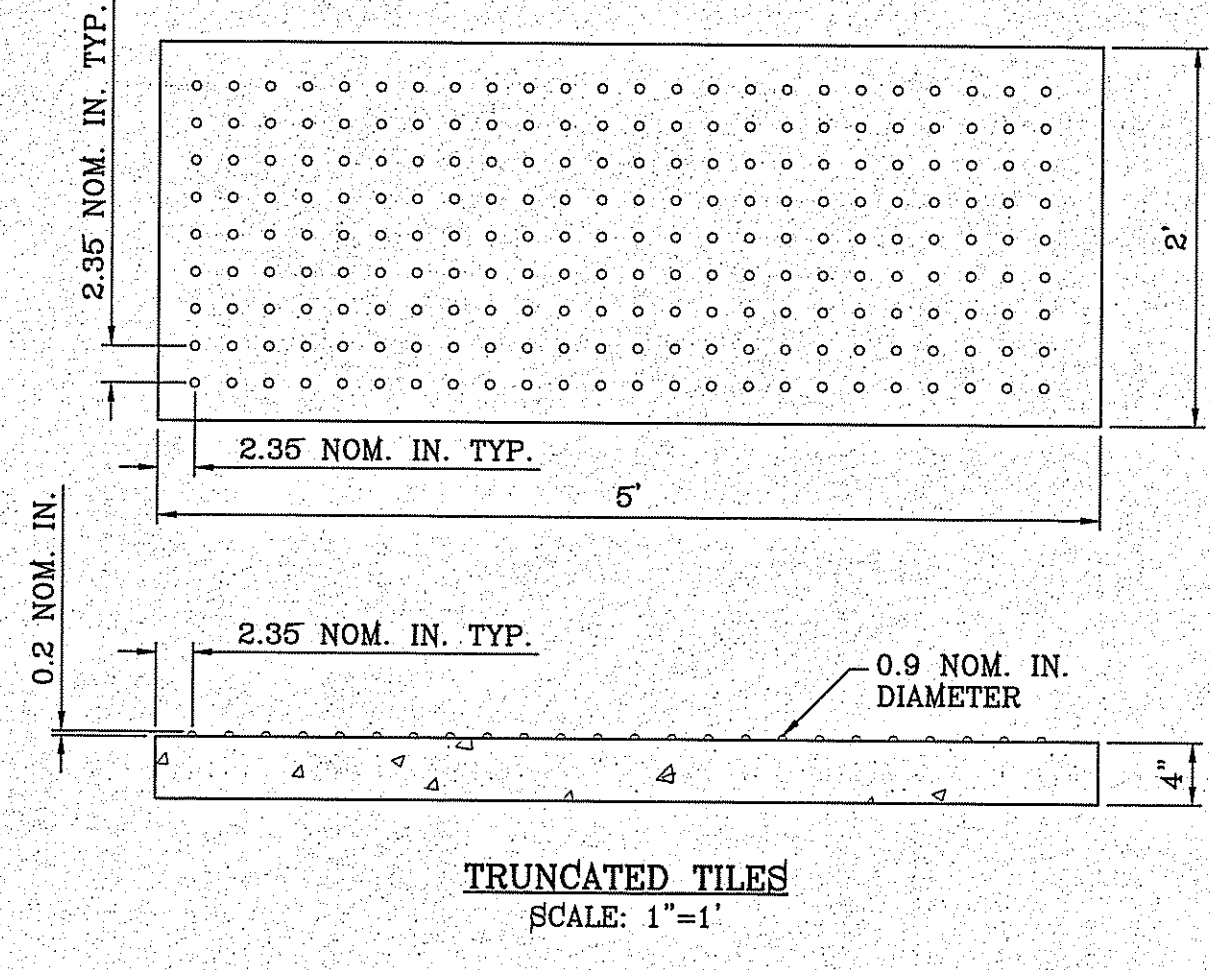
**SHT 93 OF 100**

**TDE 81 "B"**

FILE LOCATION: s:\\_Subdivisions\TDE 81 E\DWG\STANDARD DETAILS PLOTTED ON Friday, November 2, 2018 2:31:41 PM BY FELIX RODRIGUEZ



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



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



BENCHMARK

CITY MONUMENT AT THE CENTERLINE INTERSECTION OF AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAND 98

DATE	REVISIONS	BY

**PROJECT NAME**  
TIERRA DEL ESTE UNIT 81 "B"

BEING PORTION OF SECTION 48, BLOCK 78, TOWNSHIP 22 N, RANGE 10 E, PASO COUNTY, TEXAS, CONTAINING: 160.3272 ACRES

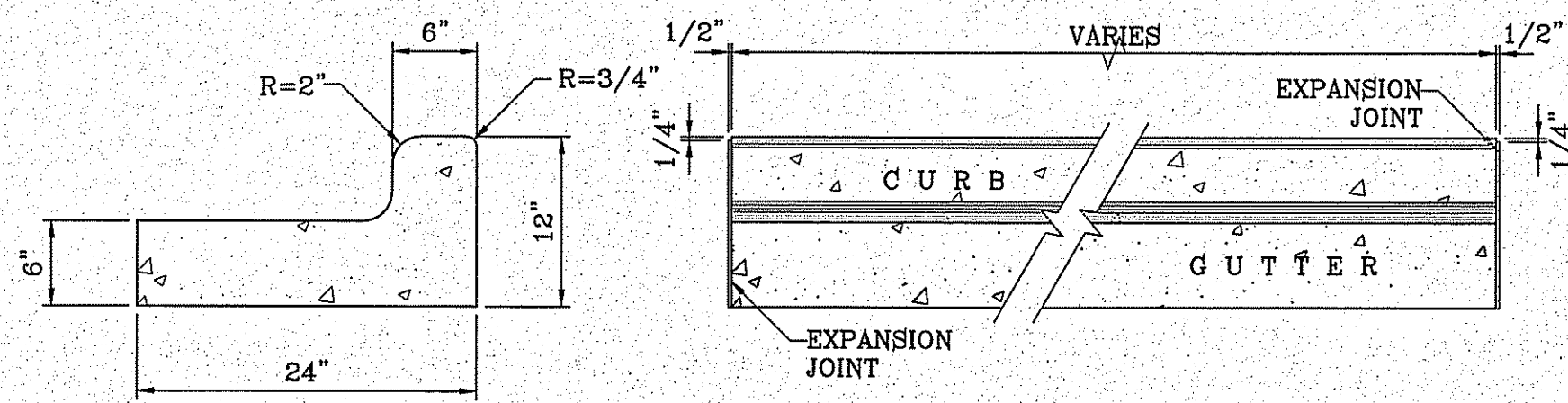
**ENGINEER'S SEAL**

CONDE INC.  
ENGINEERING / PLANNING / SURVEYING / GPS  
6080 SURVEY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286

**CONDE INC.**  
ENGINEERING / PLANNING / SURVEYING / GPS  
6080 SURVEY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



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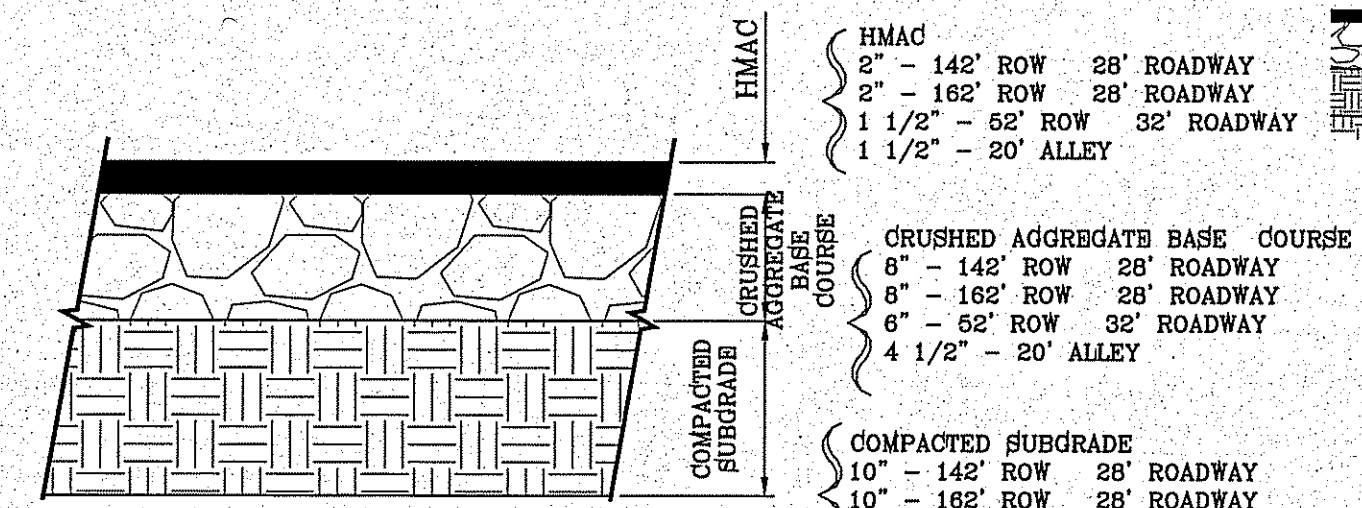
END SECTION

PLAN VIEW

NOTES:

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

CURB & GUTTER DETAIL  
SCALE: 1"=1'



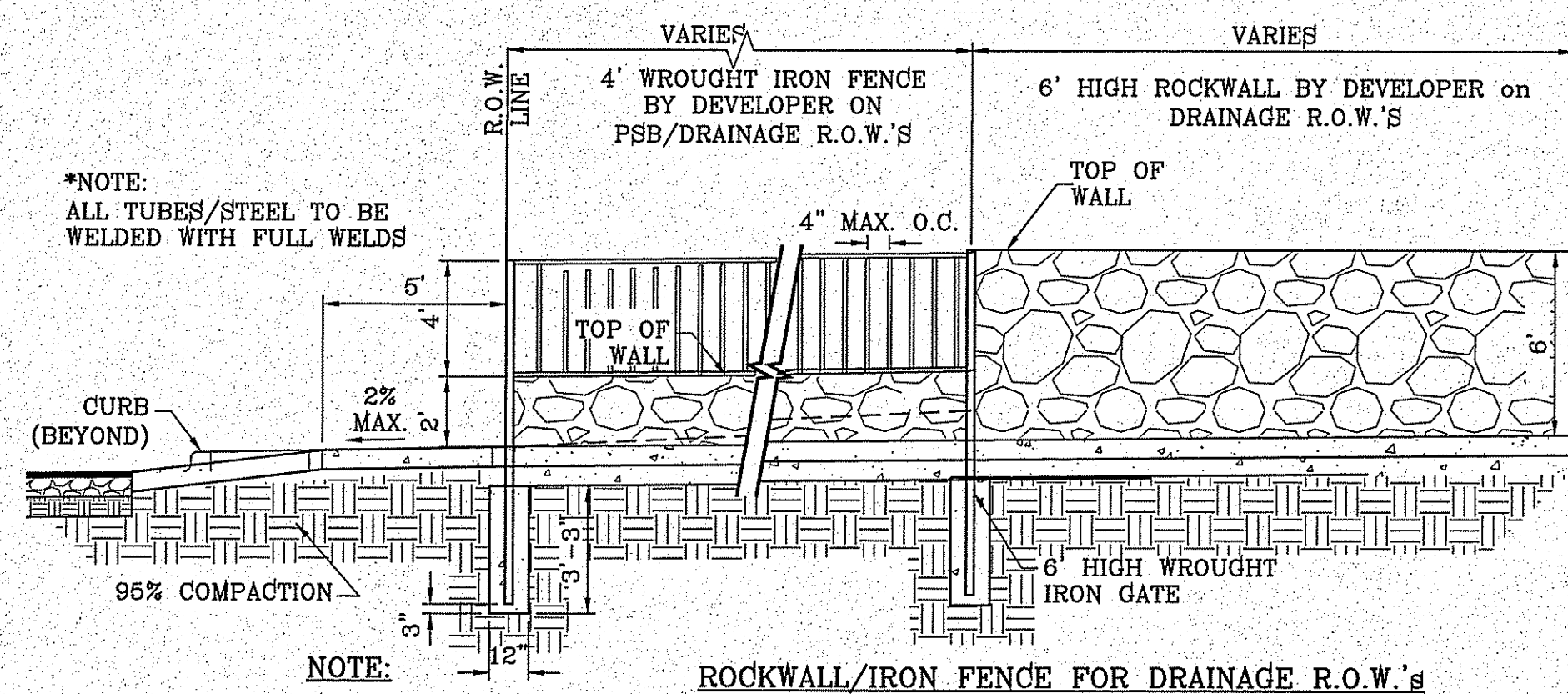
PAVEMENT SECTION DETAIL  
SCALE: 1"=1'

PAVEMENT NOTES

1. SUBGRADE TO BE COMPACTED TO 95% OF MAXIMUM DENSITY AS PER ASTM D1557.
2. BASE TO BE COMPACTED TO NOT LESS THAN 100% DENSITY IN ACCORDANCE WITH ASTM D1557, TYPE A, GRADE 1 OR 2.
3. BITUMINOUS MATERIAL SHALL CONFORM TO AC-10 OR AC-20, TYPE "C" IN ACCORDANCE WITH ASTM D3318.
4. PRIME COAT TO BE 0.25 GAL. PER SQUARE YARD (MINIMUM COVERAGE) MC-70.
5. COMPACTION TESTS WHERE REQUIRED BY THE CITY ENGINEER MUST BE PAID FOR BY THE DEVELOPER.
6. 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.
7. STRICT VERTICAL CONTROL OF ALL CURB AND GUTTER ELEVATIONS WILL BE MAINTAINED. BLUE TOPPING WILL BE REQUIRED THROUGHOUT.
8. ALL PLANS MUST BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF EL PASO SUBDIVISION DESIGN AND IMPROVEMENT STANDARDS.
9. HMA, BASE, SUB BASE WILL BE IN ACCORDANCE WITH THE LATEST CITY OF EL PASO SPECIFICATIONS.
10. MINIMUM PAVEMENT DESIGN DETAILS ARE SHOWN. ACTUAL PAVEMENT DESIGN WILL BE DETERMINED BY: C.B.R.

TRENCHING

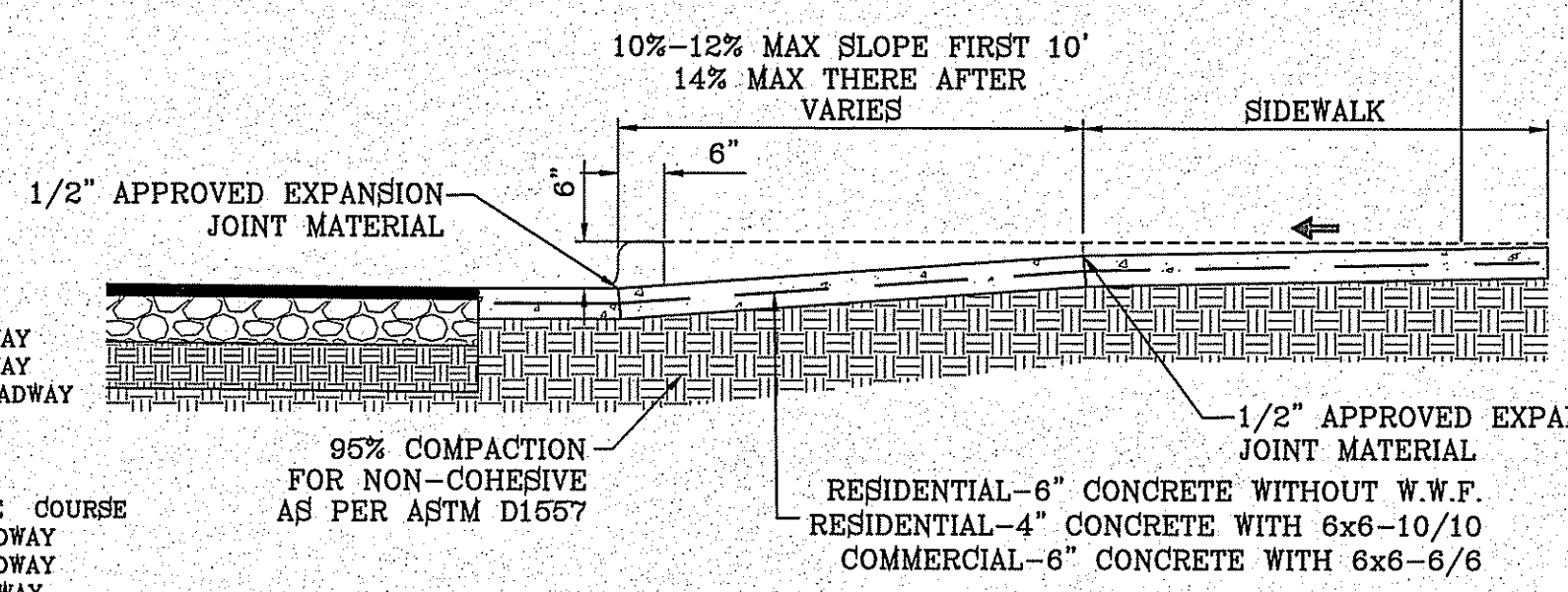
ALL TRENCHING SHALL BE DONE IN STRICT ACCORDANCE WITH OSHA-2226.



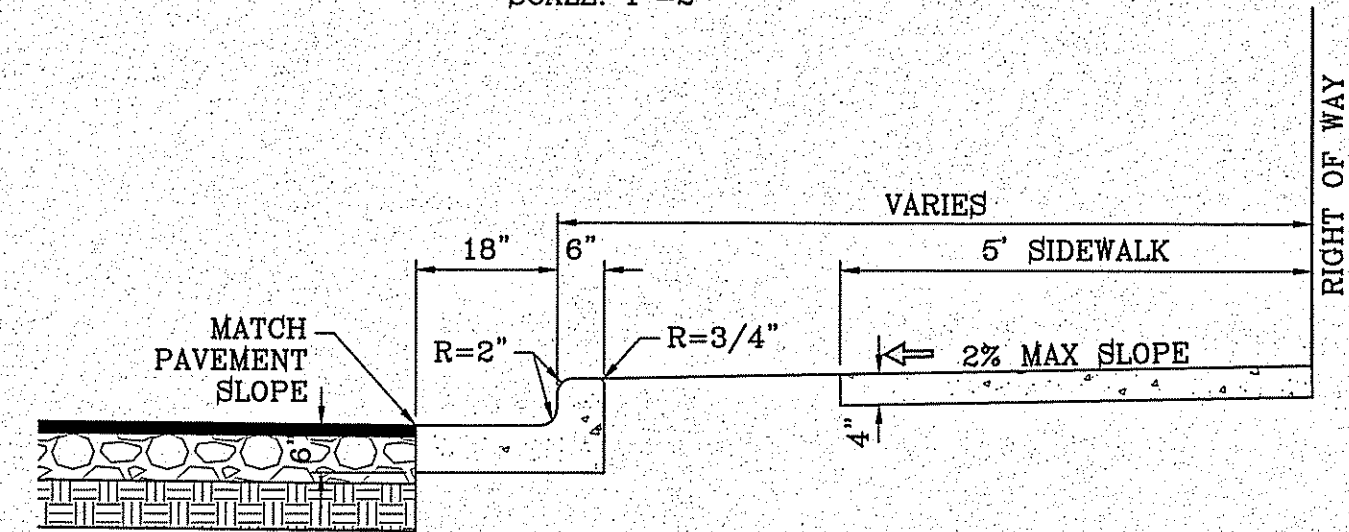
ROCKWALL/IRON FENCE FOR DRAINAGE R.O.W.'S  
SCALE: 1"=4'

NOTE:  
HMAC AND BASE COURSE THICKNESS AS PER CBR'S

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



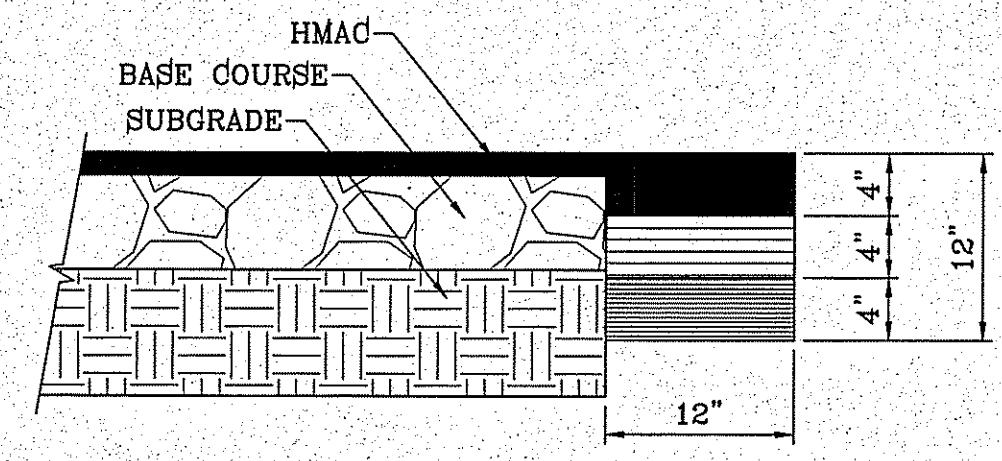
RESIDENTIAL & COMMERCIAL DRIVEWAY SECTION  
SCALE: 1"=2'



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 50' O.C. WHEN FORMING FOR CURBS.
5. WHENEVER SIDEWALK ABUTS ROCK OR MASONRY STRUCTURES SUCH AS CURBS OR BUILDINGS, EXPANSION JOINT FILLER SHALL BE USED IN ACCORDANCE WITH STANDARD SPECIFICATIONS.

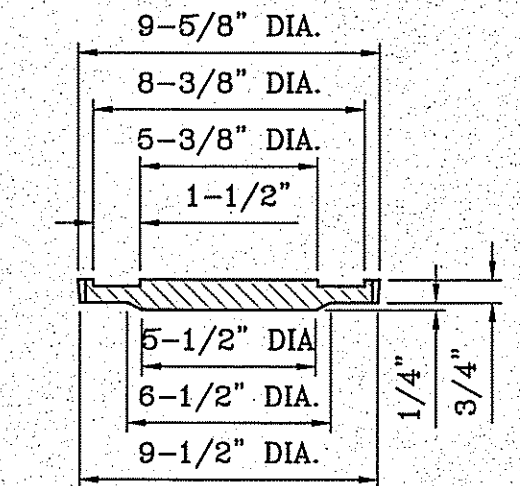
CURB & GUTTER AND SIDEWALK DETAIL  
SCALE: 1"=2'



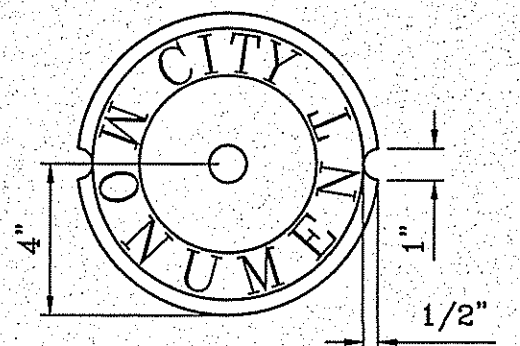
PAVEMENT TERMINUS  
SCALE: 1"=1'

NOTE:

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



COVER  
SCALE: 1"=6"



COUNTERSUNK DETAIL  
SCALE: 1"=3"

SIZE AND CONSTRUCTION:

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

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

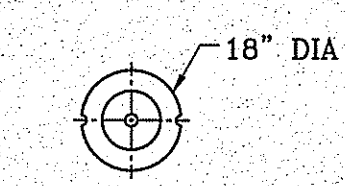
NUMBER AND LOCATIONS:

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

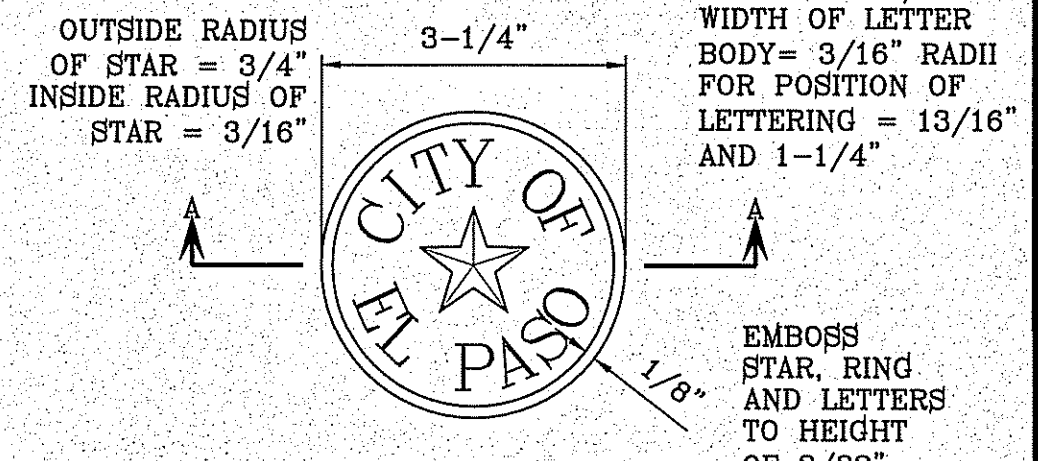
THE SIZE, TOPOGRAPHY AND LAYOUT OF THE SUBDIVISION SHALL GOVERN MONUMENT MUST BE WITHIN THE LINE OF SIGHT OF ANY OTHER MONUMENT (2000 FEET MAXIMUM DISTANCE BETWEEN MONUMENTS). THE NUMBER OF MONUMENTS REQUIRED.

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.



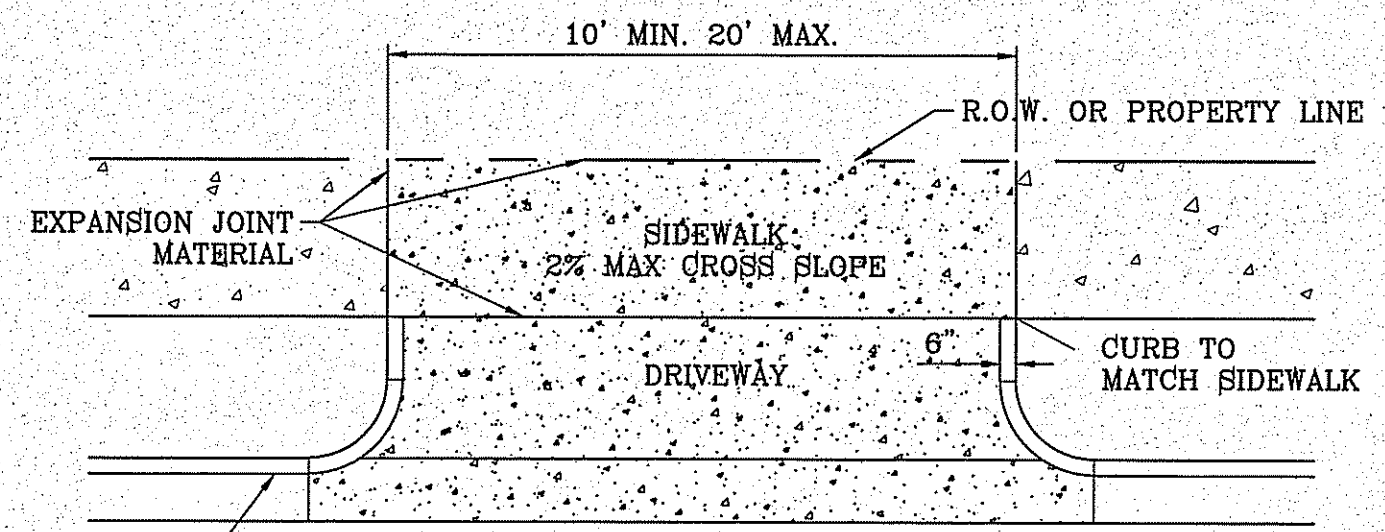
CITY MONUMENT DETAIL  
SCALE: 1"=2"



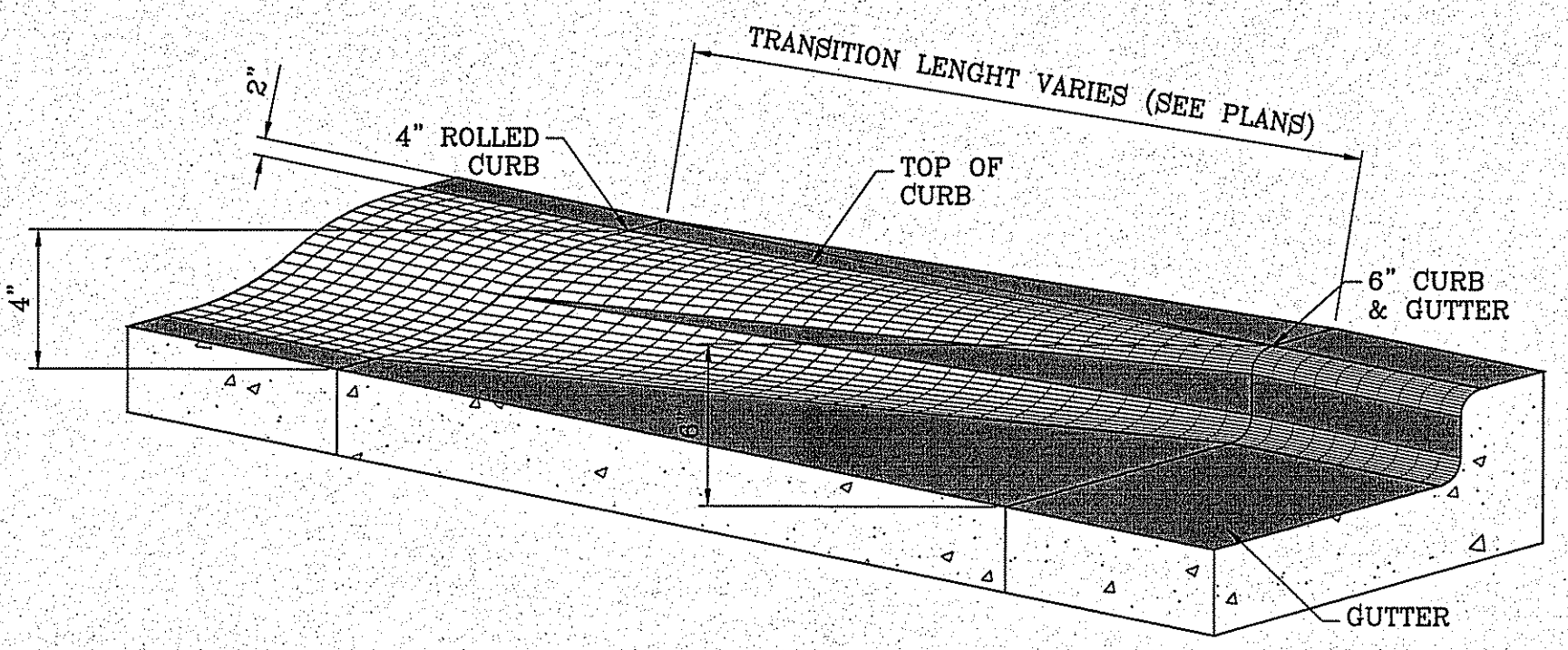
BRONZE MONUMENT CAP  
SCALE: 1"=2"

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

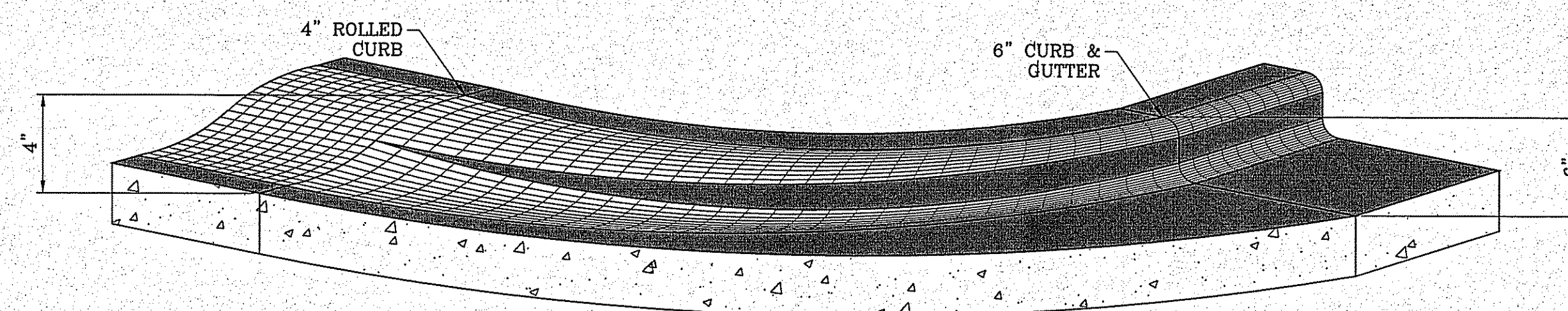
EMBOSS STAR, RING AND LETTERS TO HEIGHT OF 3/32"



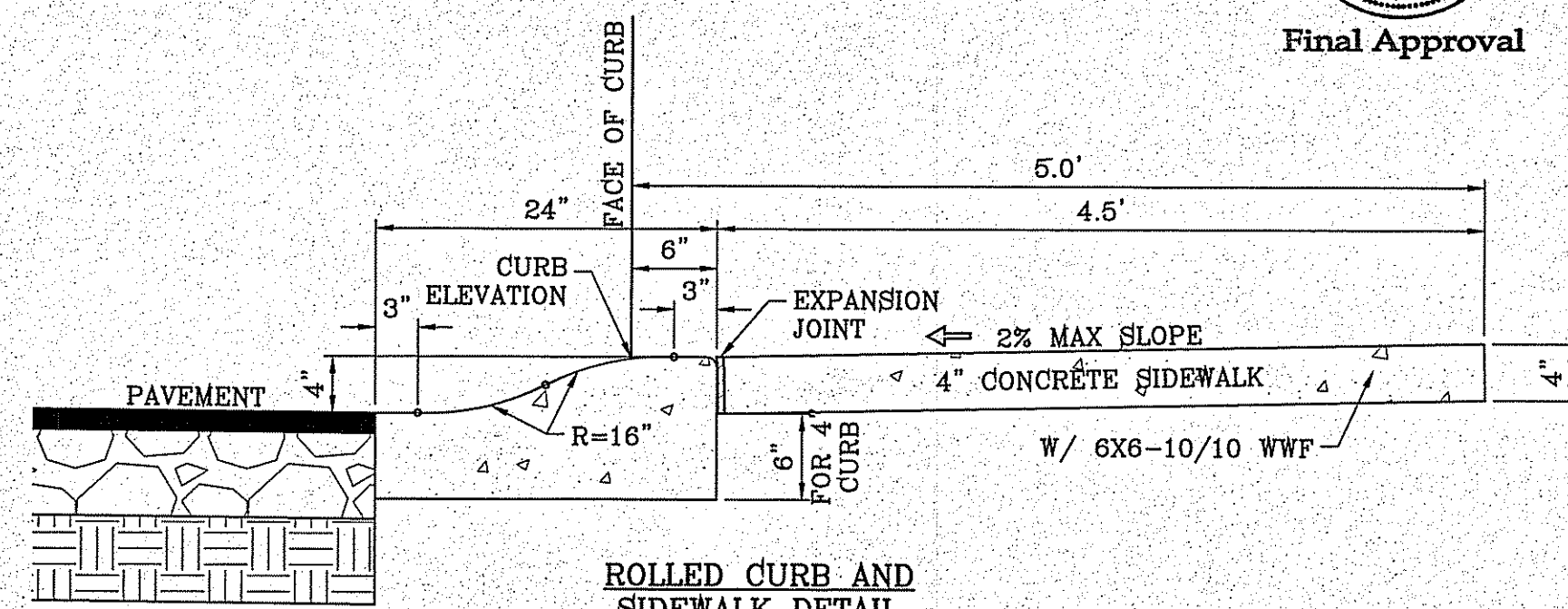
DRIVEWAY DETAIL  
SCALE: 1"=6"



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



CURB TRANSITION AT RETURNS  
SCALE: 1"=1'



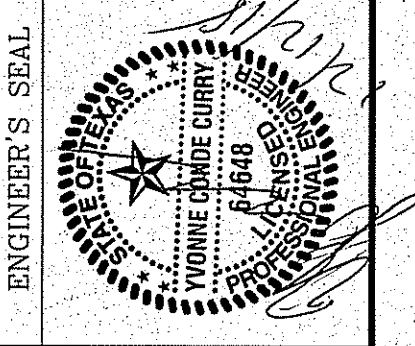
ROLLED CURB AND SIDEWALK DETAIL  
SCALE: 1"=1'

BENCHMARK	CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4023.96 .....NAVD 88
DATE	
REVISIONS	
BY	

TERRA DEL ESTE UNIT 81 "B"

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.3274 ACRES

SCALE	
HORIZ. VERT.	
DATE: SEP. 2018	
DESIGN BY: Y.C.	
INITIATED BY: F.R.	
CHECKED BY: Y.C.	
JOB NO.: 718-58	



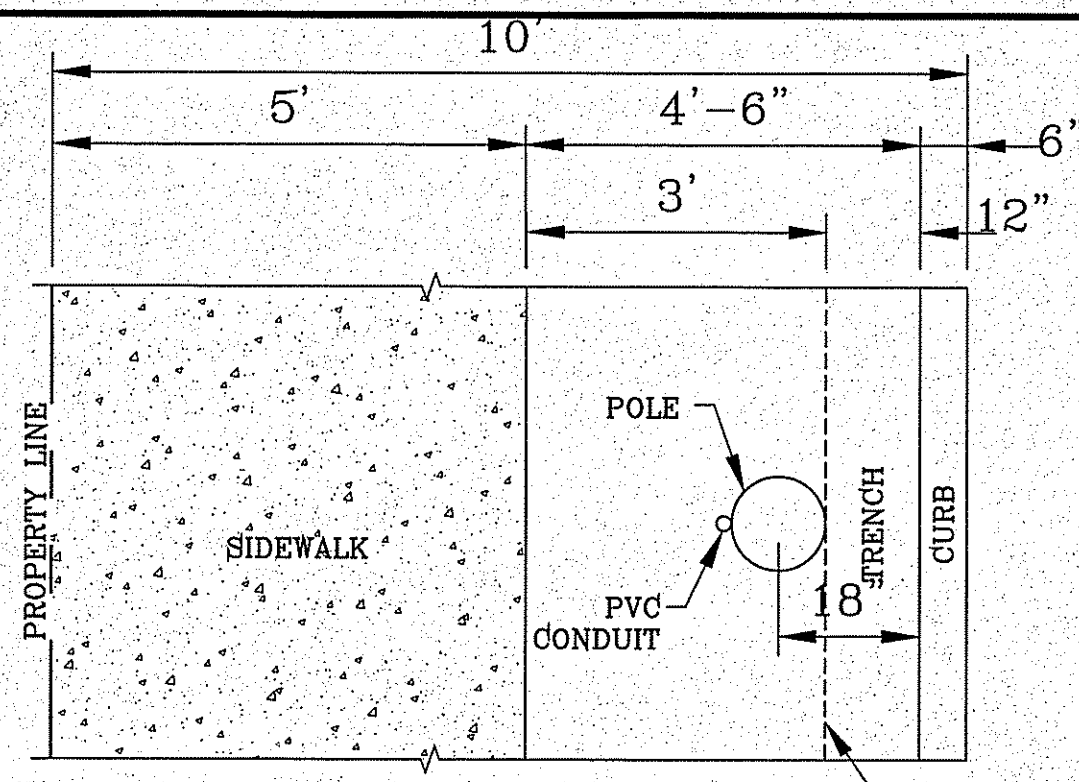
CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6000 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



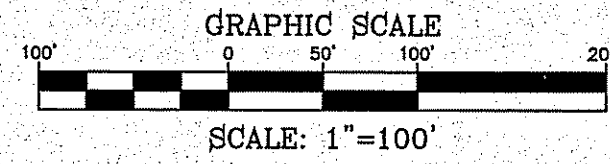
SHEET TITLE

STANDARD DETAILS

FILE LOCATION S:\Subdivisions\TDE 81 B\DWG\ILLUMINATION-TRAFFIC PLOTTED ON Friday, November 2, 2018 2:32:07 PM BY FELIX RODRIGUEZ



PLAN VIEW  
SCALE: 1"=2'

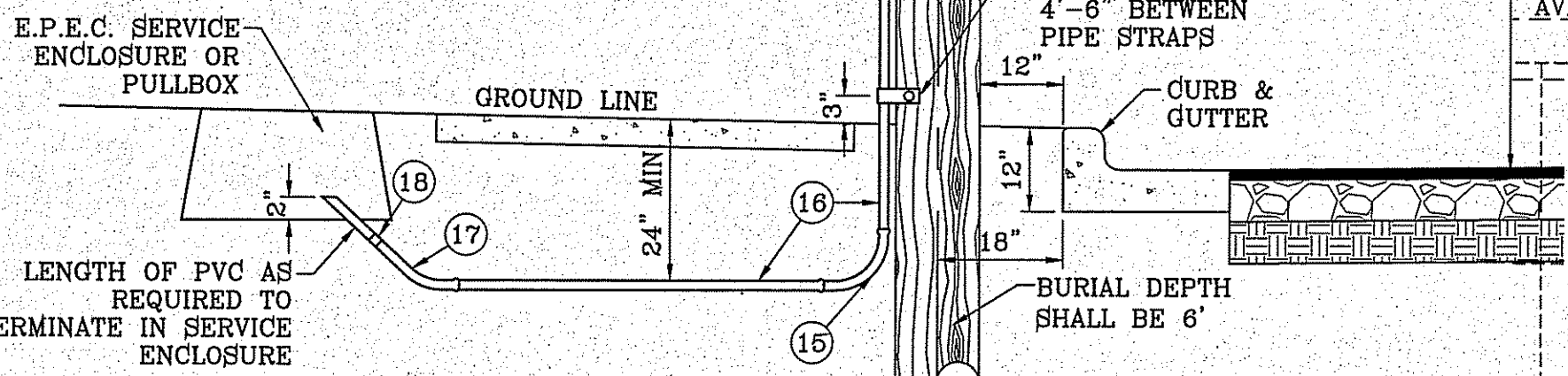


LEGEND

- PROPOSED LIGHT
- EXISTING LIGHT
- PROPOSED SIGN

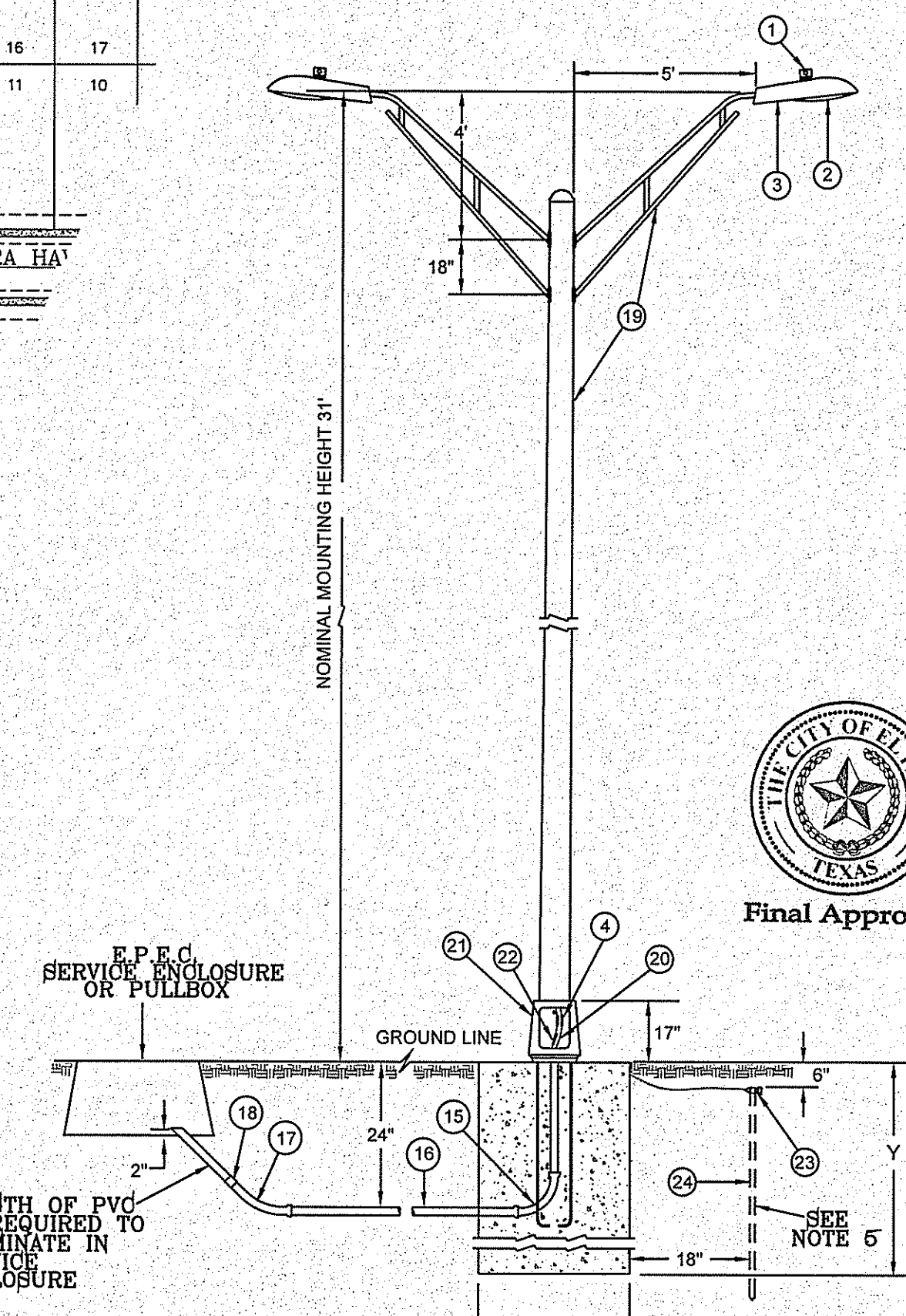
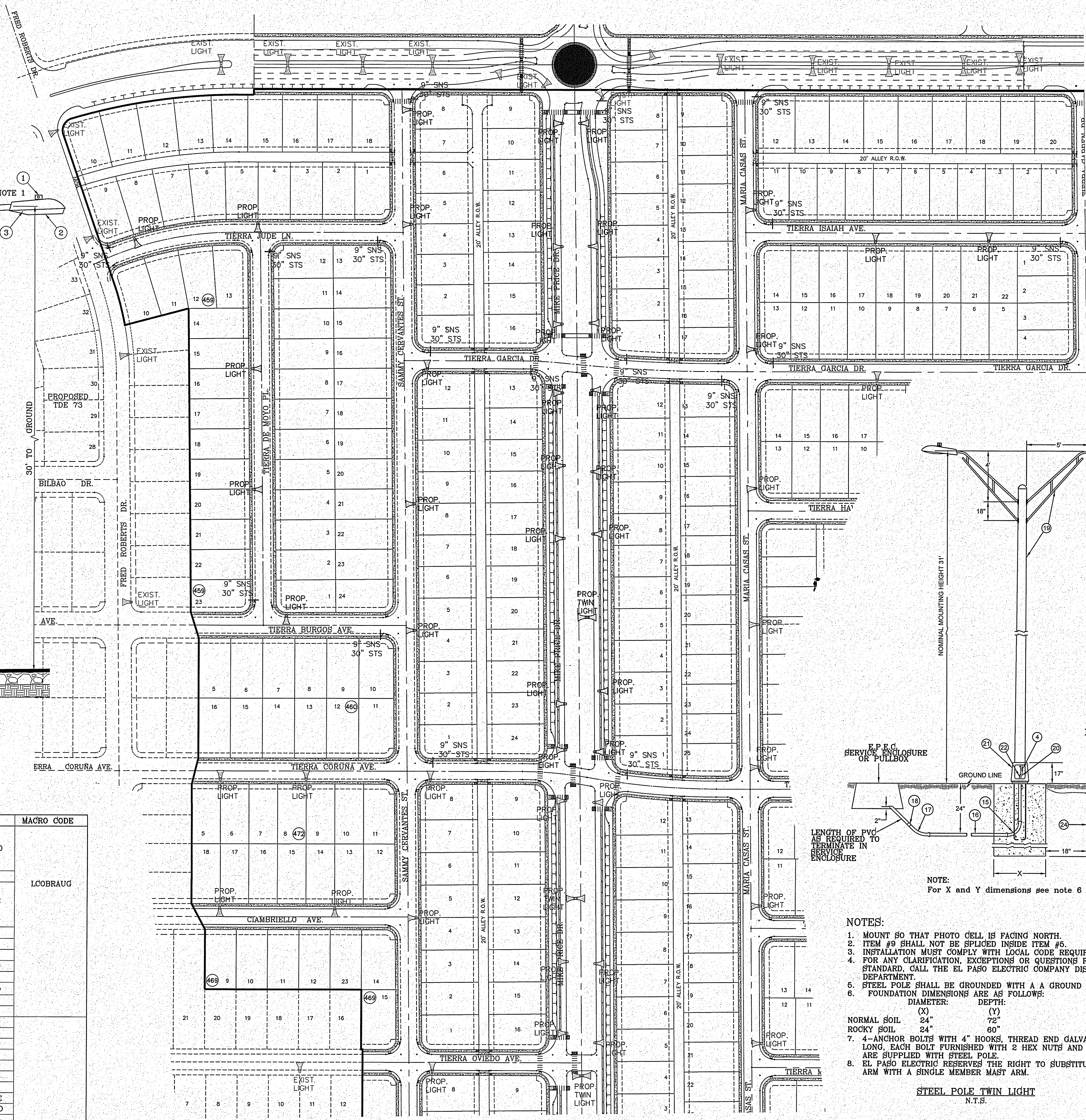
NOTE:

1. STREET LIGHTING TO BE IN ACCORDANCE WITH EL PASO DESIGN STANDARDS, SECTION VIII
2. INSTALL TRAFFIC CONTROL DEVICES AS SHOWN AND IN ACCORDANCE WITH CITY OF EL PASO DESIGN STANDARDS, SECTION VII.
3. LUMINAIRE NEEDS TO BE LED - MIN. 65 WATTS ALONG PARKS.
4. POLES TO BE METAL ALONG ALL PARKS.



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

ITEM	No.	DESCRIPTION	STOCK DSU No.	QTY.	CU CODE	MACRO CODE
1		PHOTOCELL, 240 V-SEE NOTE 1	21-225	1		
2		HPS LAMP 100 W	21-085	1	LC0BRAHD	
3		LUMINAIRE, 100 W HPS	21-336	1		
4		SLEEVES, #12-10	05-140	2		
5		MAST ARM, 6' x 1 1/4"	21-200	1	LBRKT1*6	
6		MACHINE BOLT, 5/8" x 12"	02-470	1		
		SQUARE CALY. WASHER, 2 1/4"x2 1/4"	02-760	1	LMB5/812	
		COIL SPRING WASHER, 5/8"	02-766	1		
		LOCK NUT, 5/8"	02-706	1		
7		SERVICE ENTRANCE CAP FOR 1" PVC CONDUIT	17-281	1	LSVCCAP1	
8		LAG BOLT, 1/2" x 3"	02-343	2	LAG12*3	
9		CABLE #10, 2 CONDUCTOR, 600V, UF	13-600	8'	L2C#10S	
10		COPPER CBL, #12, 19 SOLID, 600V BLUE	13-702	60'	LC#12CU	
11		SCHEDULE 80 1" PVC CONDUIT	17-280	30'	LSCH801	
12		PIPE STRAP FOR 1" PVC CONDUIT 2 HOLE	17-283	7	LPVCSTRP	
13		NAIL, STAINLESS STEEL SCREW 2.5"	14-427	.25#	LNAL14*2	
14		POLE, 35' CLASS 4	09-035	1	L35AUG	
15		1" PVC 90 DEGREE ELBOW	17-297	1	LEL901	
16		1" PVC CONDUIT	17-299	AS REQ'D	LPVC1	
17		1" PVC 45 DEGREE ELBOW	17-298	1	LEL451	
18		1" PVC COUPLING	17-296	1	LCPLG1	
19		STEEL POLE 31" TWIN STREET LIGHT	09-3	1		
20		CABLE #10, 2 CONDUCTOR	13-600	80'	L2C#10S	
21		ALUMINUM TRANSFORMER BASE (TB-1-17)	21-608	1	LTBASE	
22		BREAK AWAY FUSED 30 AMP	21-250	2	LBRKFUSE	
23		5/8" GROUND ROD CLAMP	07-481	1	LGRNDROD	
24		5/8"x10' CU BONDED GROUND ROD	08-626	1		



- NOTE:  
For X and Y dimensions see note 6
- NOTES:
1. MOUNT SO THAT PHOTO CELL IS FACING NORTH.
  2. ITEM #9 SHALL NOT BE SPLICED INSIDE ITEM #5.
  3. INSTALLATION MUST COMPLY WITH LOCAL CODE REQUIREMENTS.
  4. FOR ANY CLARIFICATION, EXCEPTIONS OR QUESTIONS REGARDING THIS STANDARD, CALL THE EL PASO ELECTRIC COMPANY DISTRIBUTION DESIGN DEPARTMENT.
  5. STEEL POLE SHALL BE GROUNDED WITH A GROUND ROD
  6. FOUNDATION DIMENSIONS ARE AS FOLLOWS:  
DIAMETER: (X) DEPTH: (Y)  
NORMAL SOIL 24" 72"  
ROCKY SOIL 24" 60"
  7. 4-ANCHOR BOLTS WITH 4" HOOKS, THREAD END GALVANIZED 1" DIA.X36" LONG, EACH BOLT FURNISHED WITH 2 HEX NUTS AND 2 FLAT WASHERS ARE SUPPLIED WITH STEEL POLE.
  8. EL PASO ELECTRIC RESERVES THE RIGHT TO SUBSTITUTE THE TRUSS ARM WITH A SINGLE MEMBER MAST ARM.
- STEEL POLE TWIN LIGHT  
N.T.S.



Final Approval

BENCHMARK

CITY MOUNTAIN AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ...NAVD 88

DATE	REVISIONS	BY

PROJECT NAME  
**TIERRA DEL ESTE UNIT 81 "B"**

BEING PORTION OF SECTION 48, BLOCK 78, TOWNSHIP 20 N, RANGE 10 E, EL PASO COUNTY, TEXAS  
CITY OF EL PASO, TEXAS  
CONTAINING: 160.327± ACRES

ENGINEER'S SEAL

S.C.A.L.E.  
HORIZ: VERT:  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58

CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SUBBURY DR. SUITE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 692-0283  
FAX: (915) 692-0286

CONDE INC.  
REGISTRATION No. F-2321

SHEET TITLE

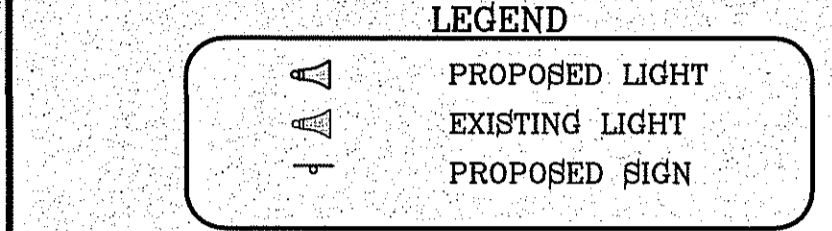
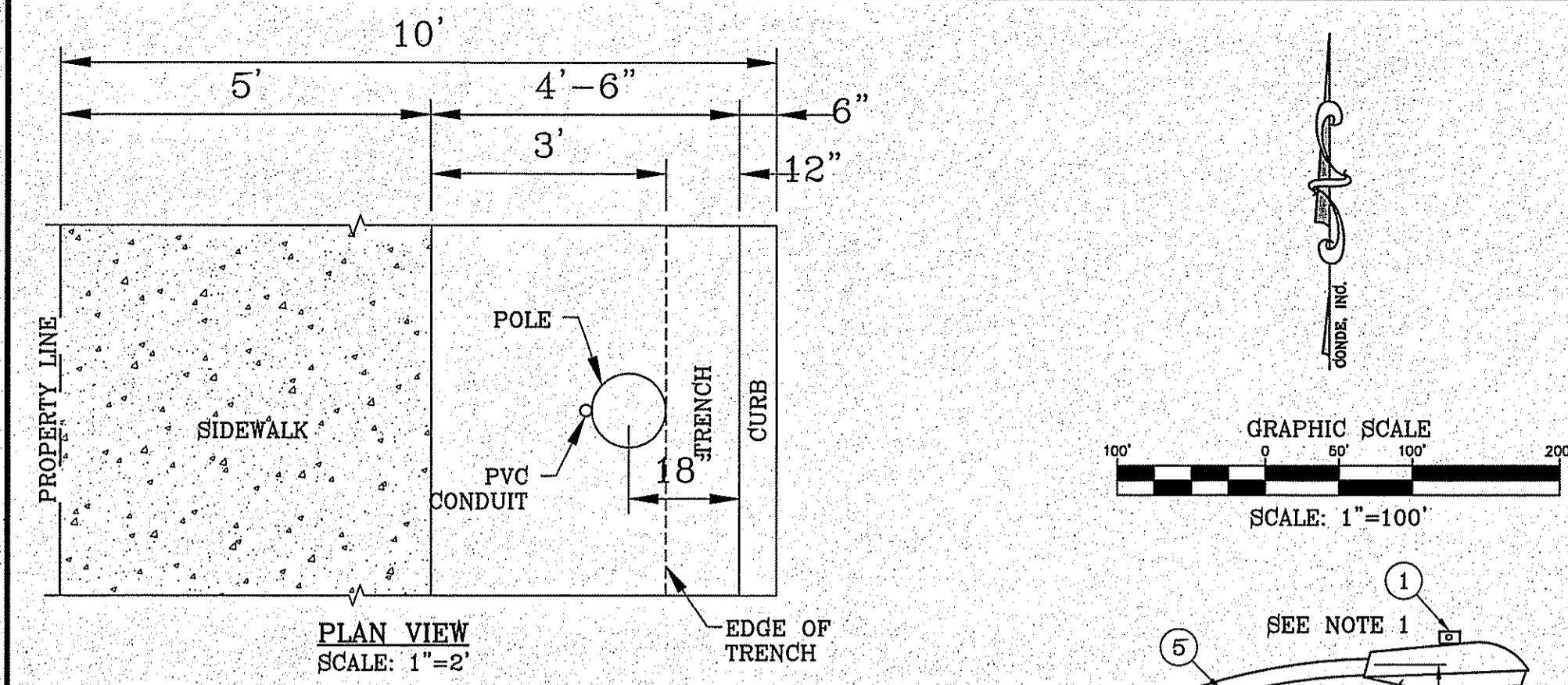
ILLUMINATION AND SIGNAGE

SHT 96 OF 100

TDE 81 "B"

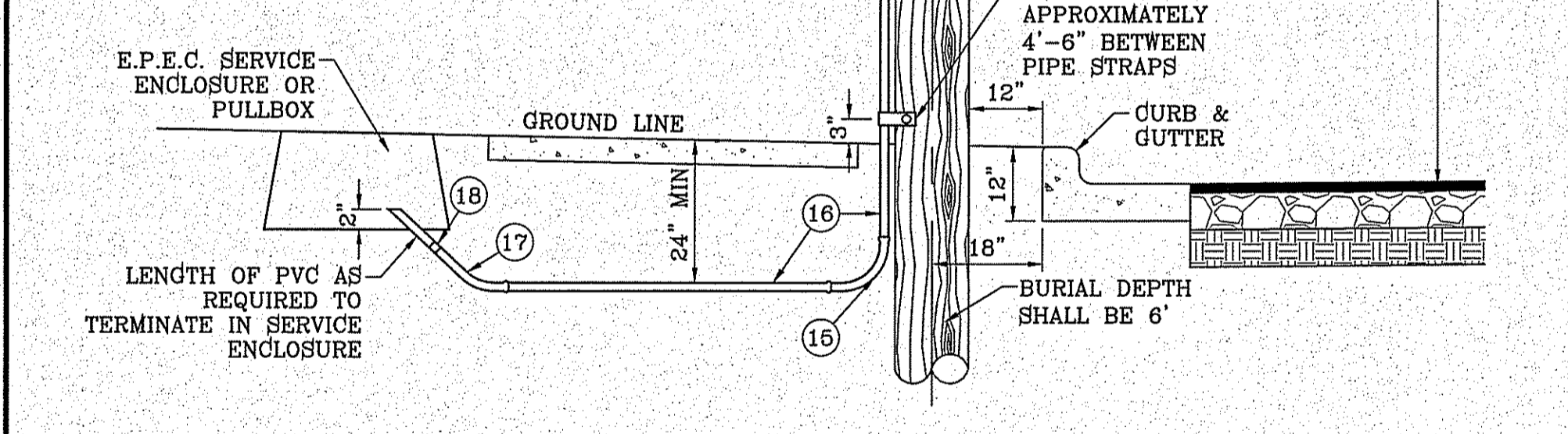


FILE LOCATION: Subdivisions\TDE 81 END\G\ILLUMINATION-TRAFFIC PLOTTED ON Friday, November 2, 2018 2:32:15 PM BY FELIX RODRIGUEZ



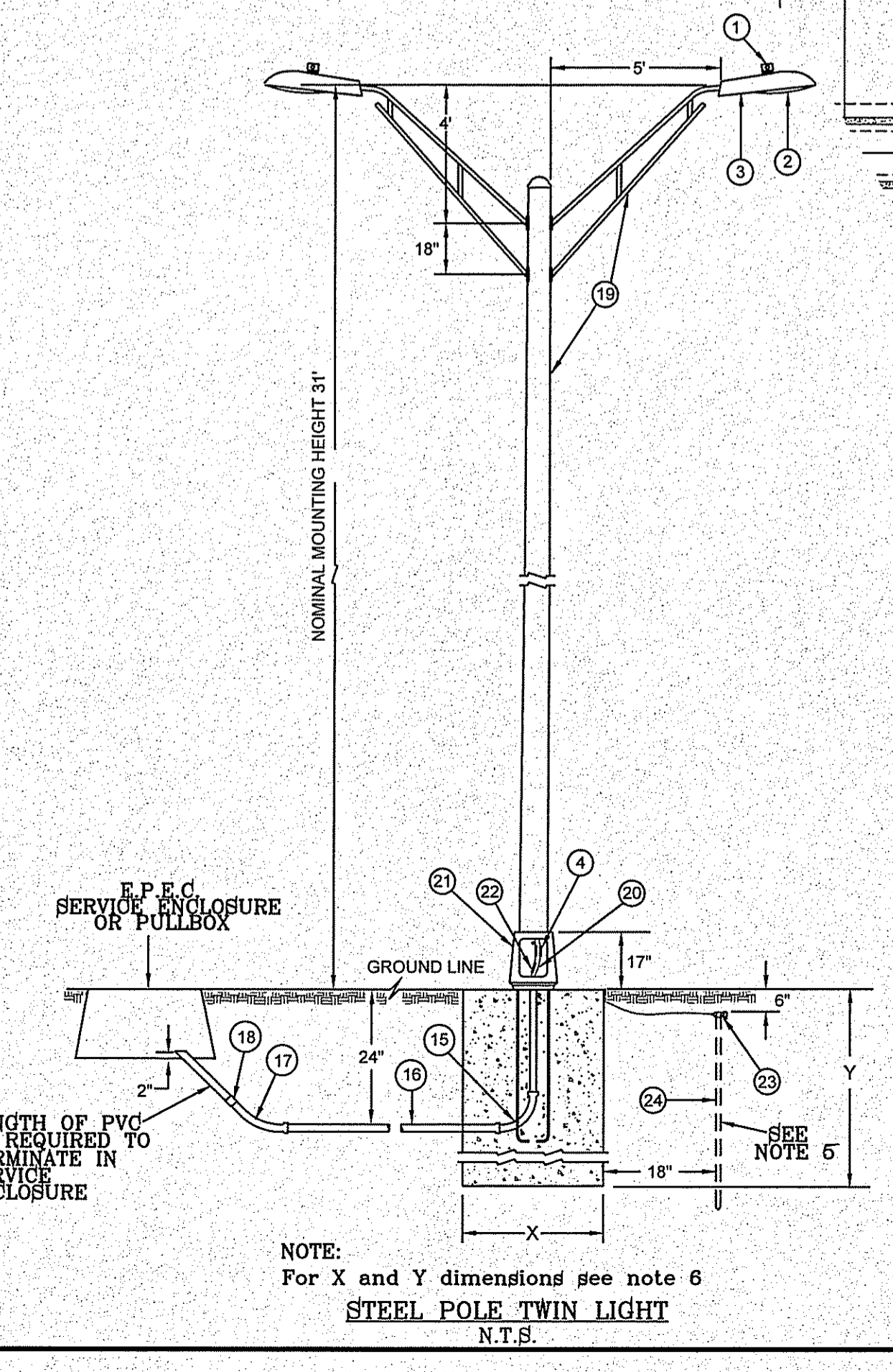
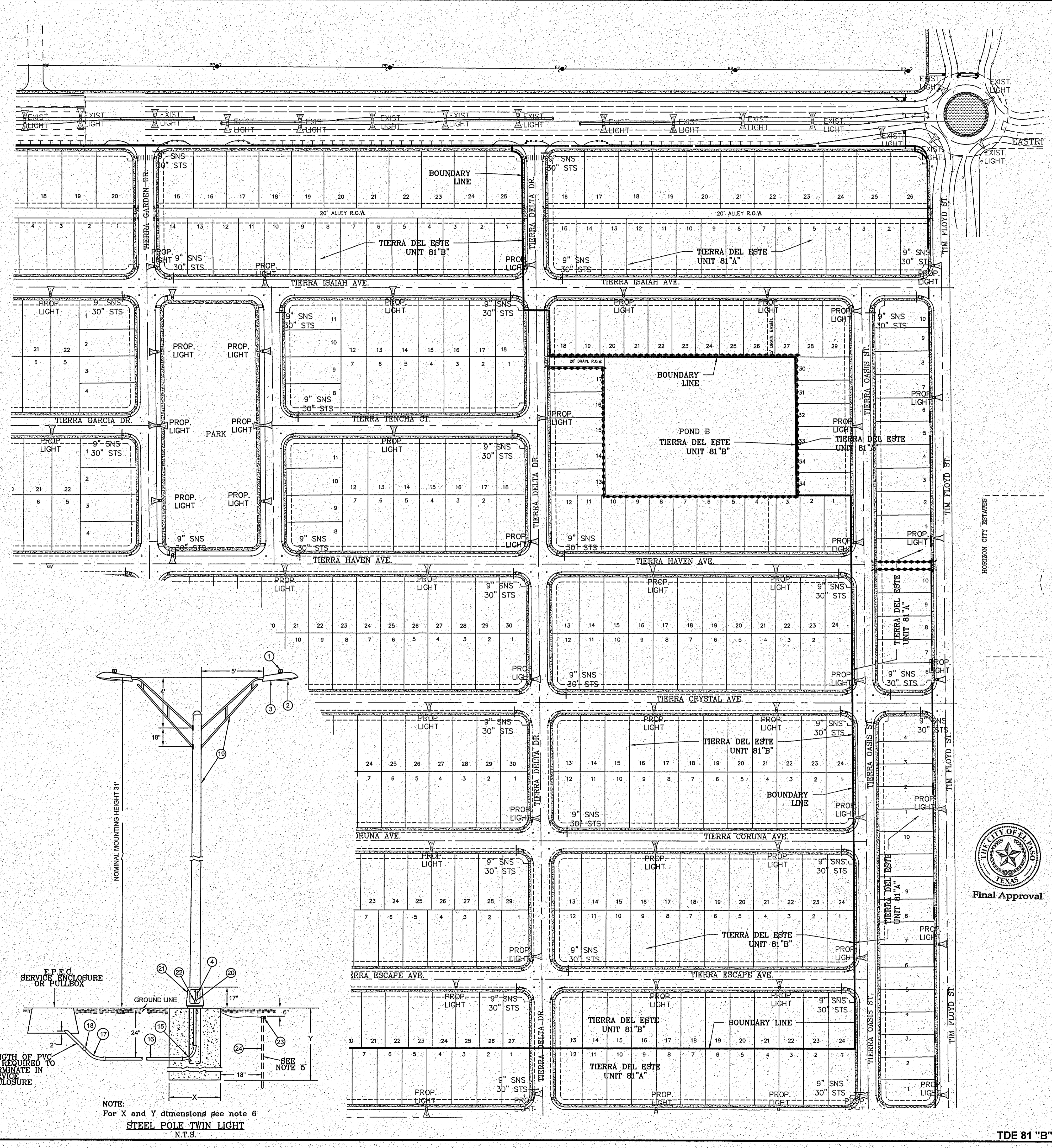
- NOTE:**
1. STREET LIGHTING TO BE IN ACCORDANCE WITH EL PASO DESIGN STANDARDS, SECTION VIII
  2. INSTALL TRAFFIC CONTROL DEVICES AS SHOWN AND IN ACCORDANCE WITH CITY OF EL PASO DESIGN STANDARDS, SECTION VII.
  3. LUMINAIRE NEEDS TO BE LED - MIN. 65 WATTS ALONG PARKS.
  4. POLES TO BE METAL ALONG ALL PARKS.

- NOTES:**
1. MOUNT SO THAT PHOTO CELL IS FACING NORTH.
  2. ITEM #9 SHALL NOT BE SPLICED INSIDE ITEM #5.
  3. INSTALLATION MUST COMPLY WITH LOCAL CODE REQUIREMENTS.
  4. FOR ANY CLARIFICATION, EXCEPTIONS OR QUESTIONS REGARDING THIS STANDARD, CALL THE EL PASO ELECTRIC COMPANY DISTRIBUTION DESIGN DEPARTMENT.
  5. STEEL POLE SHALL BE GROUNDED WITH A GROUND ROD
  6. FOUNDATION DIMENSIONS ARE AS FOLLOWS:  
DIAMETER: DEPTH:  
(X) (Y)  
NORMAL SOIL 24" 72"  
ROCKY SOIL 24" 60"
  7. 4-ANCHOR BOLTS WITH 4" HOOKS, THREAD END GALVANIZED 1" DIA X36" LONG. EACH BOLT FURNISHED WITH 2 HEX NUTS AND 2 FLAT WASHERS ARE SUPPLIED WITH STEEL POLE.
  8. EL PASO ELECTRIC RESERVES THE RIGHT TO SUBSTITUTE THE TRUSS ARM WITH A SINGLE MEMBER MAST ARM.



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

ITEM	No.	DESCRIPTION	STOCK DSU No.	QTY.	C/U CODE	MACRO CODE
1		PHOTOCELL, 240 V-SEE NOTE 1	21-225	1		
2		HPS LAMP 100 W	21-085	1		
3		LUMINAIRE, 100 W HPS	21-335	1	LC0BRAHD	
4		SLEEVES, #12-10	05-140	2		
5		MAST ARM, 6' x 1 1/4"	21-200	1	LBRKT1*6	LC0BRAUG
6		MACHINE BOLT, 5/8" x 12"	02-470	1		
		SQUARE GALV. WASHER, 2 1/4"x2 1/4"	02-760	1	LMB5/612	
		COIL SPRING WASHER, 5/8"	02-766	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 CABLE, #12, 19 SOLID, 600V BLUE	13-702	60'	LC#12CU	
11		SCHEDULE 80 1" PVC CONDUIT	17-280	30'	LSCH801	
12		PIPE STRAP FOR 1" PVC CONDUIT 2 HOLE	17-283	7	LPVCSTRP	
13		NAIL, STAINLESS STEEL SCREW 2.5"	14-427	.25#	LNAL14*2	
14		POLE, 35" CLASS 4	09-035	1	L354UG	
15		1" PVC 90 DEGREE ELBOW	17-297	1	LEL901	
16		1" PVC CONDUIT	17-299	AS REQ'D	LPVC1	
17		1" PVC 45 DEGREE ELBOW	17-298	1	LEL451	
18		1" PVC COUPLING	17-296	1	LCPLG1	
19		STEEL POLE 31' TWIN STREET LIGHT	09-3	1		
20		CABLE #10, 2 CONDUCTOR	13-600	80'	L2C#10S	
21		ALUMINUM TRANSFORMER BASE (TB-1-17)	21-608	1	LTBASE	
22		BREAK AWAY FUSED 30 AMP	21-250	2	LBRKFUSE	
23		5/8" GROUND ROD CLAMP	07-461	1	LGRNDROD	
24		5/8"x10' CU BONDED GROUND ROD	08-626	1		



**STEEL POLE TWIN LIGHT**  
N.T.S.

**TIERRA DEL ESTE UNIT 81 "B"**

PROJECT NAME: TIERRA DEL ESTE UNIT 81 "B"

SCALE: HORIZ: VERT:

DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: Y.C.  
CHECKED BY: Y.C.

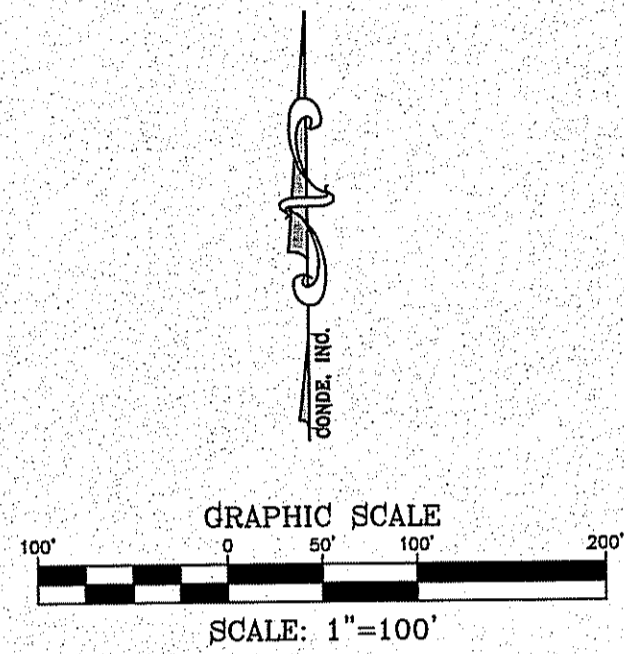
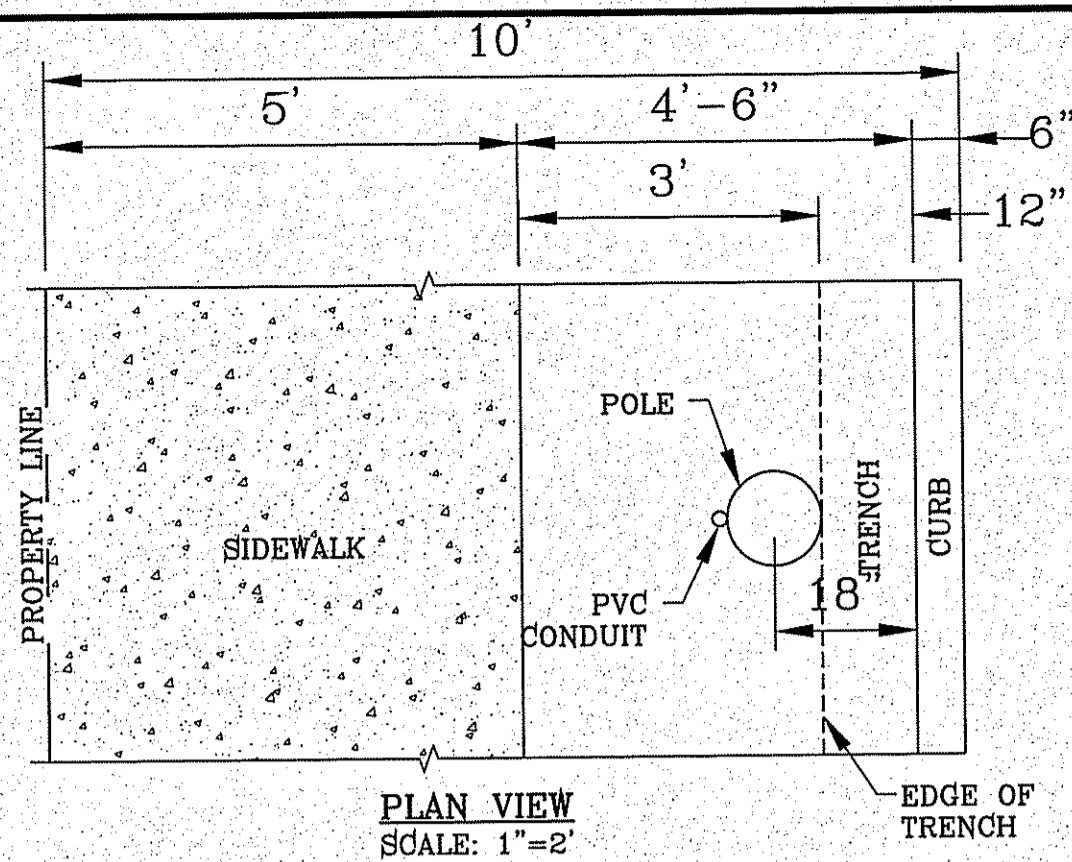
CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS  
6080 SUTREY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0286  
FAX: (915) 592-0286

CONDE INC. REGISTRATION No. F-2321

SHEET TITLE: ILLUMINATION AND SIGNAGE

SHT 97 OF 100

FILE LOCATION: E:\Subdivisions\TDE 81 B\DWG\ILLUMINATION-TRAFFIC PLOTTED ON Friday, November 2, 2018 2:32:23 PM BY FELIX RODRIGUEZ



**LEGEND**

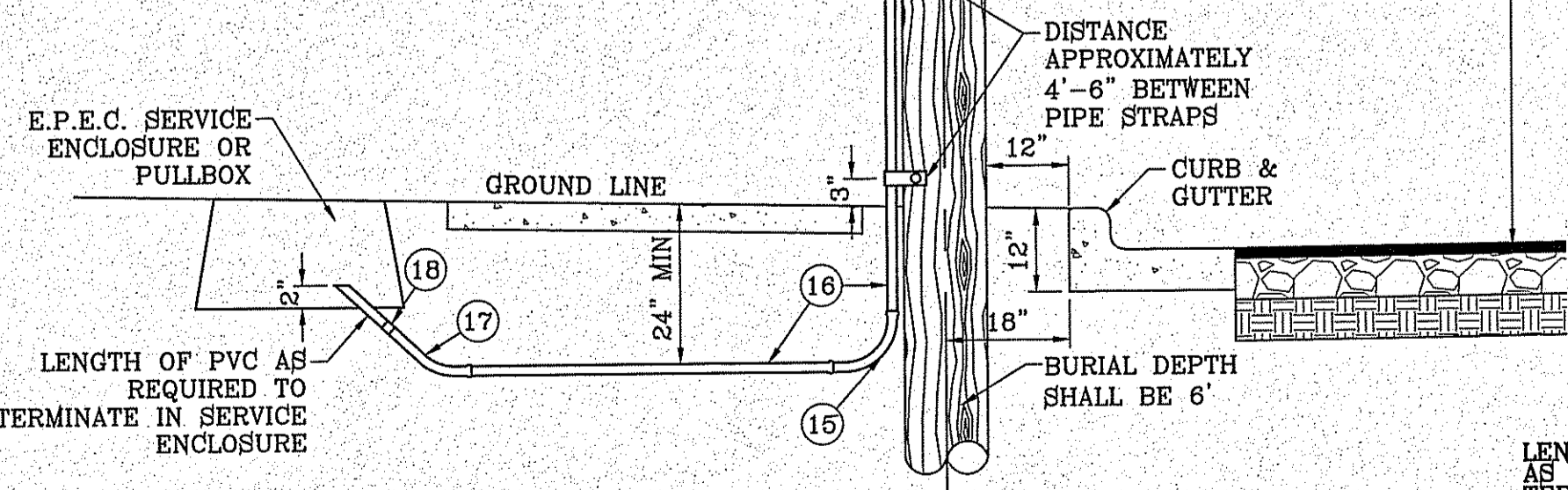
- PROPOSED LIGHT
- EXISTING LIGHT
- PROPOSED SIGN

**NOTE:**

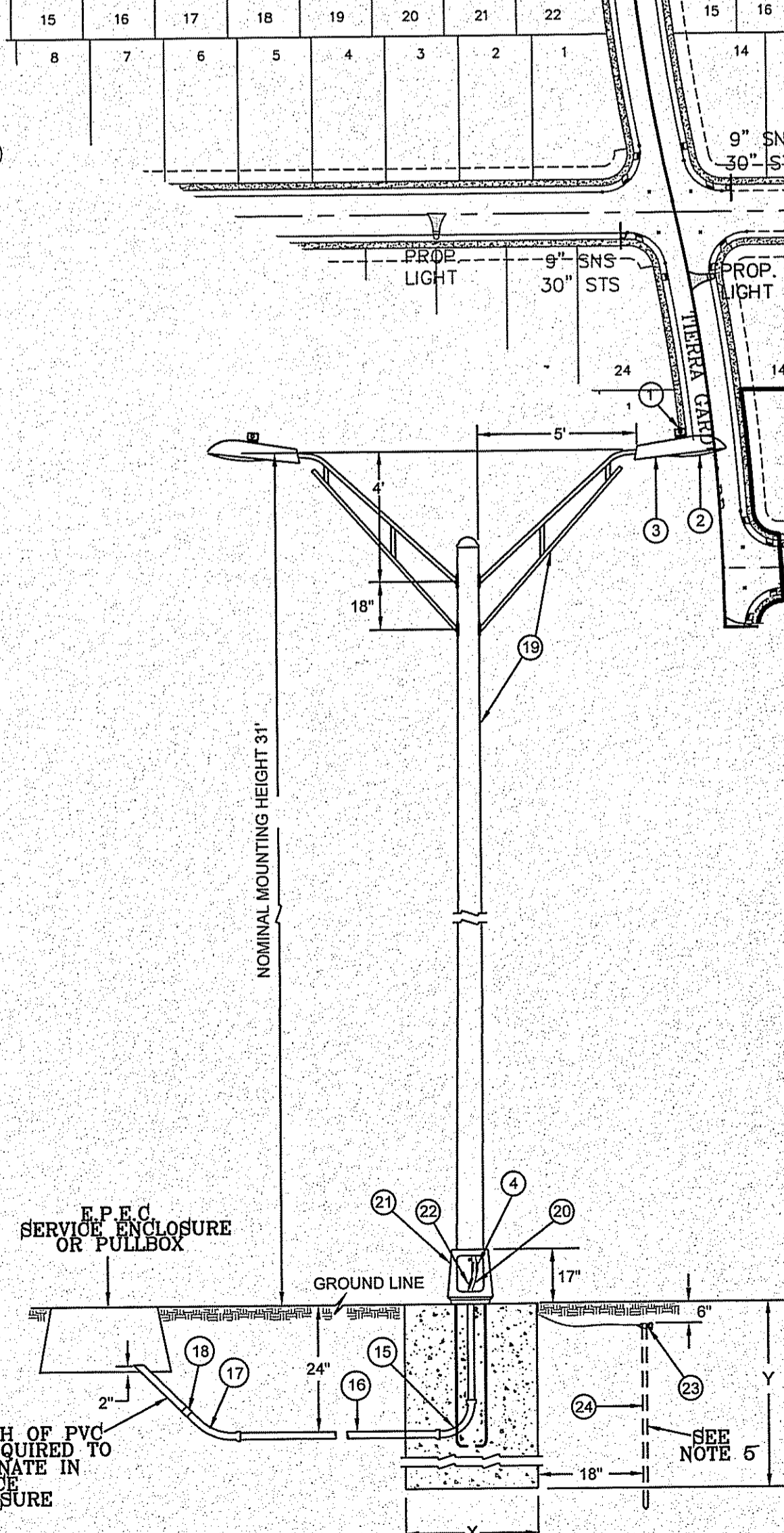
1. STREET LIGHTING TO BE IN ACCORDANCE WITH EL PASO DESIGN STANDARDS, SECTION VIII
2. INSTALL TRAFFIC CONTROL DEVICES AS SHOWN AND IN ACCORDANCE WITH CITY OF EL PASO DESIGN STANDARDS, SECTION VII.
3. LUMINAIRE NEEDS TO BE LED - MIN. 65 WATTS ALONG PARKS.
4. POLES TO BE METAL ALONG ALL PARKS

**NOTES:**

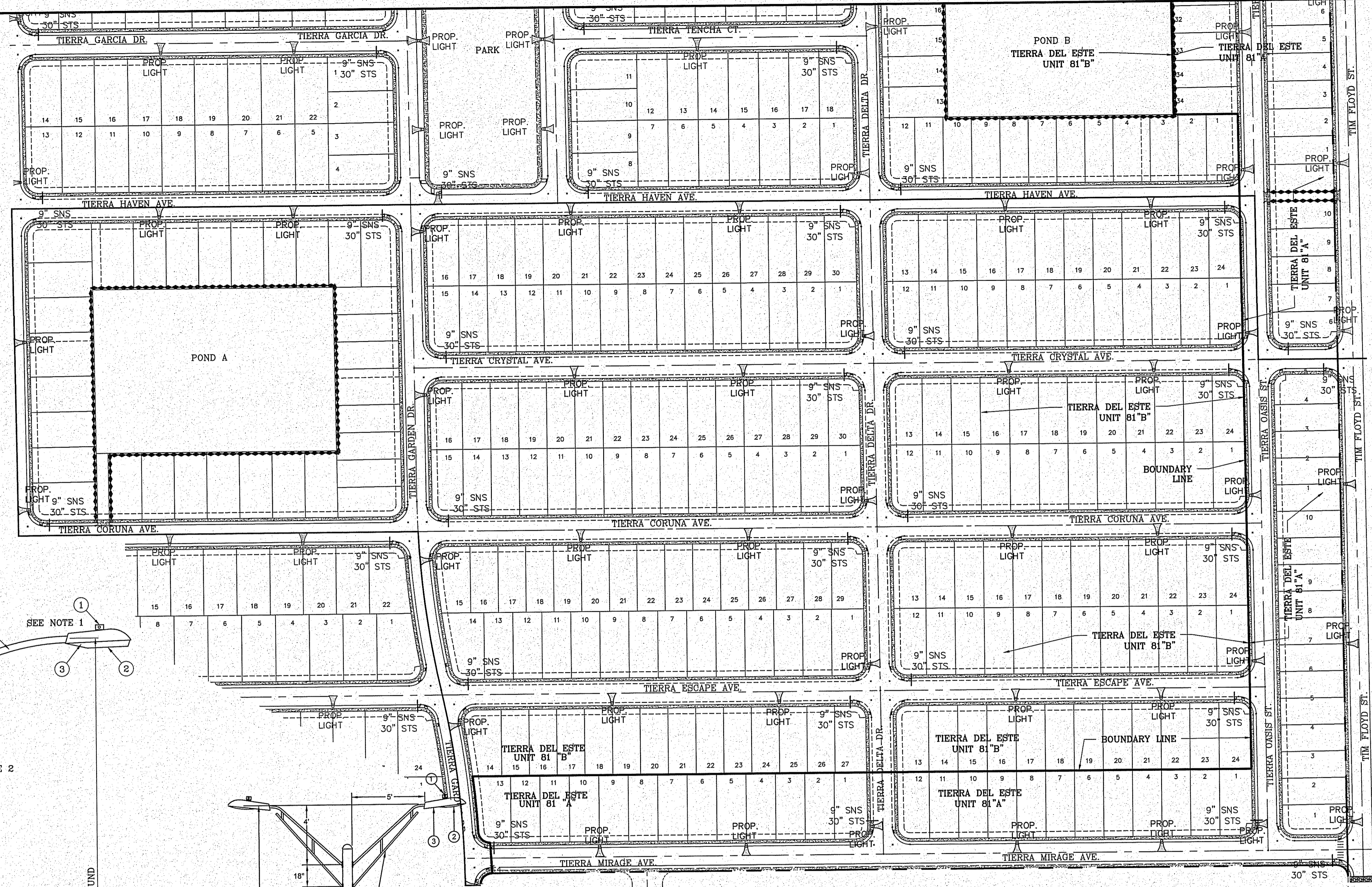
1. MOUNT SO THAT PHOTO CELL IS FACING NORTH.
2. ITEM #9 SHALL NOT BE SPLICED INSIDE ITEM #5.
3. INSTALLATION MUST COMPLY WITH LOCAL CODE REQUIREMENTS.
4. FOR ANY CLARIFICATION, EXCEPTIONS OR QUESTIONS REGARDING THIS STANDARD, CALL THE EL PASO ELECTRIC COMPANY DISTRIBUTION DESIGN DEPARTMENT.
5. STEEL POLE SHALL BE GROUNDED WITH A GROUND ROD.
6. FOUNDATION DIMENSIONS ARE AS FOLLOWS:  
DIAMETER: DEPTH:  
NORMAL SOIL (X) (Y)  
ROCKY SOIL 24" 72"  
24" 60"
7. 4-ANCHOR BOLTS WITH 4" HOOKS, THREAD END GALVANIZED 1" DIA X 36" LONG, EACH BOLT FURNISHED WITH 2 HEX NUTS AND 2 FLAT WASHERS ARE SUPPLIED WITH STEEL POLE.
8. EL PASO ELECTRIC RESERVES THE RIGHT TO SUBSTITUTE THE TRUSS ARM WITH A SINGLE MEMBER MAST ARM.



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



**STEEL POLE TWIN LIGHT**  
N.T.S.



ITEM No.	DESCRIPTION	STOCK/DSU No.	QTY.	C/U CODE	MACRO CODE
1	PHOTOCELL, 240 V-SEE NOTE 1	21-225	1		
2	HPS LAMP 100 W	21-085	1	LCBRAHD	
3	LUMINAIRE, 100 W HPS	21-335	1		
4	SLEEVES, #12-10	05-140	2		
5	MAST ARM, 6' x 1 1/4"	21-200	1	LBRKTI*6	
	MACHINE BOLT, 5/8" x 12"	02-470	1		
	SQUARE GALV. WASHER, 2 1/4"x2 1/4"	02-760	1	LMB6/812	
6	COIL SPRING WASHER, 5/8"	02-786	1		
	LOCK NUT, 5/8"	02-706	1		
7	SERVICE ENTRANCE CAP FOR 1" PVC CONDUIT	17-281	1	LSVCCAP1	
8	LAG BOLT, 1/2" x 3"	02-343	2	LLAG12*3	
9	CABLE #10, 2 CONDUCTOR, 600V, UF	13-600	8'	L2C#10S	
10	COPPER CBL, #12, 19 SOLID, 600V BLUE	13-702	60'	LC#12CU	
11	SCHEDULE 80 1" PVC CONDUIT	17-280	30'	LSCH801	
12	PIPE STRAP FOR 1" PVC CONDUIT 2 HOLE	17-283	7	LPVSTRP	
13	NAIL, STAINLESS STEEL SCREW 2.5"	14-427	.25#	LNAL14*2	
14	POLE, 35' CLASS 4	09-035	1	L354UG	
15	1" PVC 90 DEGREE ELBOW	17-297	1	LEL901	
16	1" PVC CONDUIT	17-299	AS REQ'D	LPVC1	
17	1" PVC 45 DEGREE ELBOW	17-298	1	LEL451	
18	1" PVC COUPLING	17-296	1	LCPLG1	
19	STEEL POLE 31' TWIN STREET LIGHT	09-3	1		
20	CABLE #10, 2 CONDUCTOR	13-600	80'	L2C#10S	
21	ALUMINUM TRANSFORMER BASE (TB-1-17)	21-608	1	LTBASE	
22	BREAK AWAY FUSED 30 AMP	21-250	2	LBRKFUSE	
23	5/8" GROUND ROD CLAMP	07-461	1	LGRNDROD	
24	5/8"x10' CU BONDED GROUND ROD	08-626	1		



**CONDE INC.**  
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SURVEYING / GPS  
6040 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0253  
FAX: (915) 592-0286



**ILLUMINATION AND SIGNAGE**

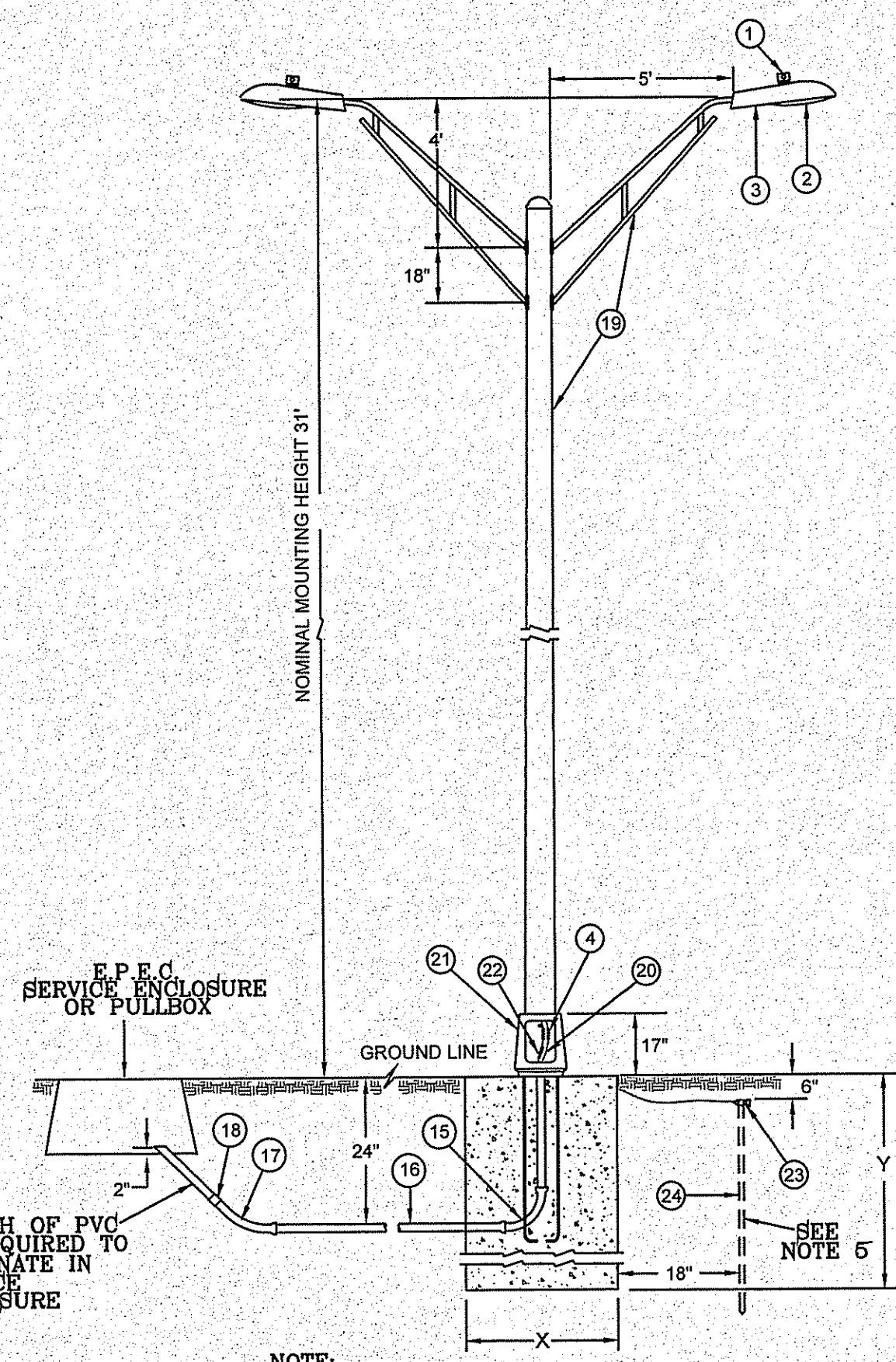
BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 ..... NAVD 88

**TERRA DEL ESTE UNIT 81 "B"**  
BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS  
CONTAINING: 160,327± ACRES

PROJECT NAME  
**TERRA DEL ESTE UNIT 81 "B"**  
SCALE  
HORIZ: VERT:  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 718-58



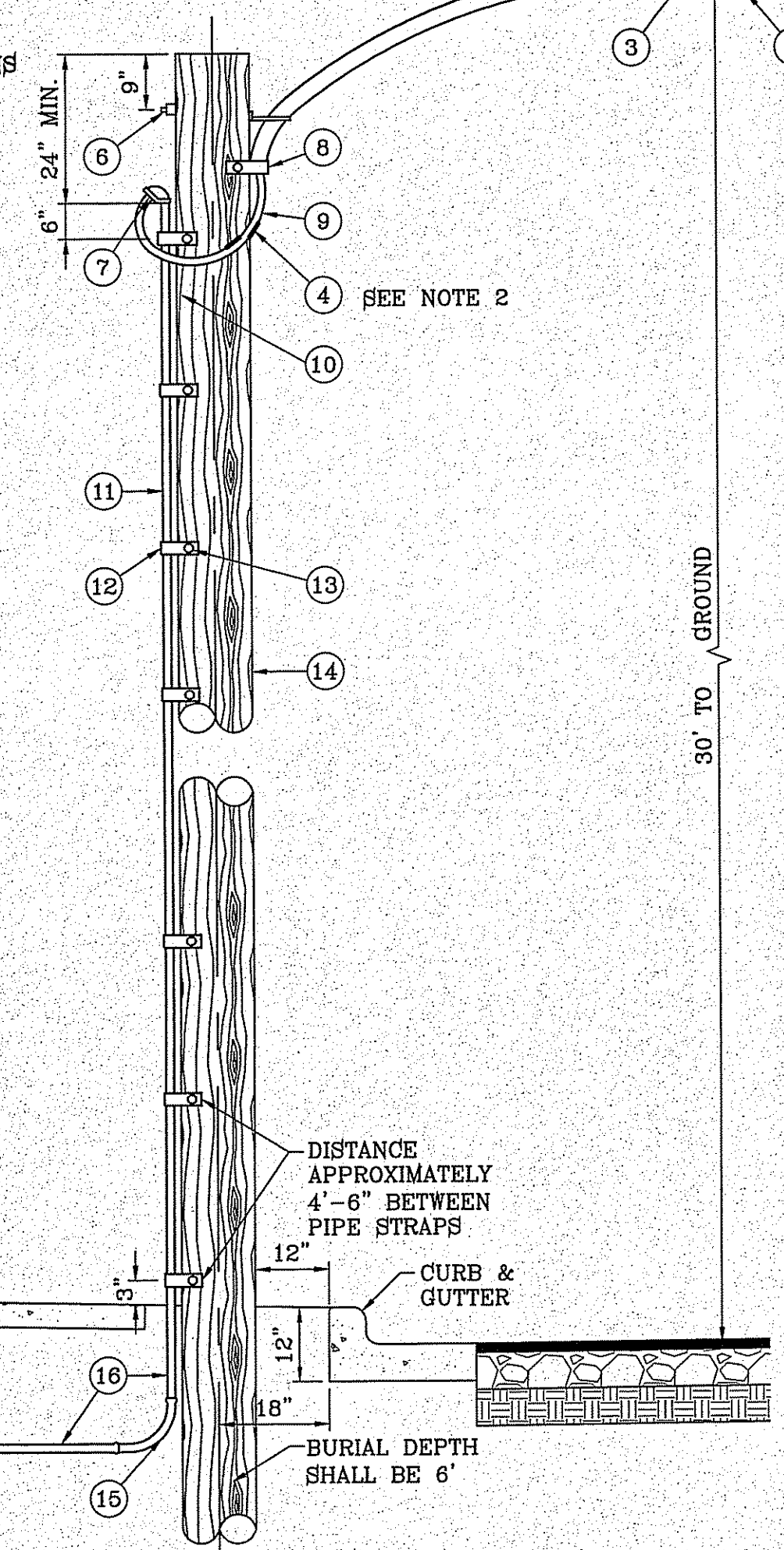
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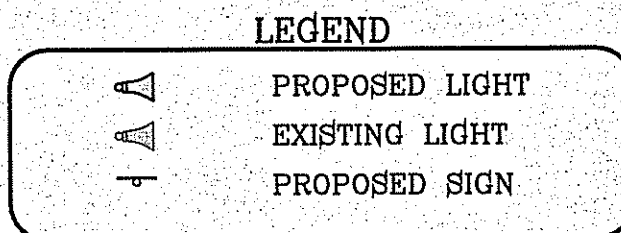
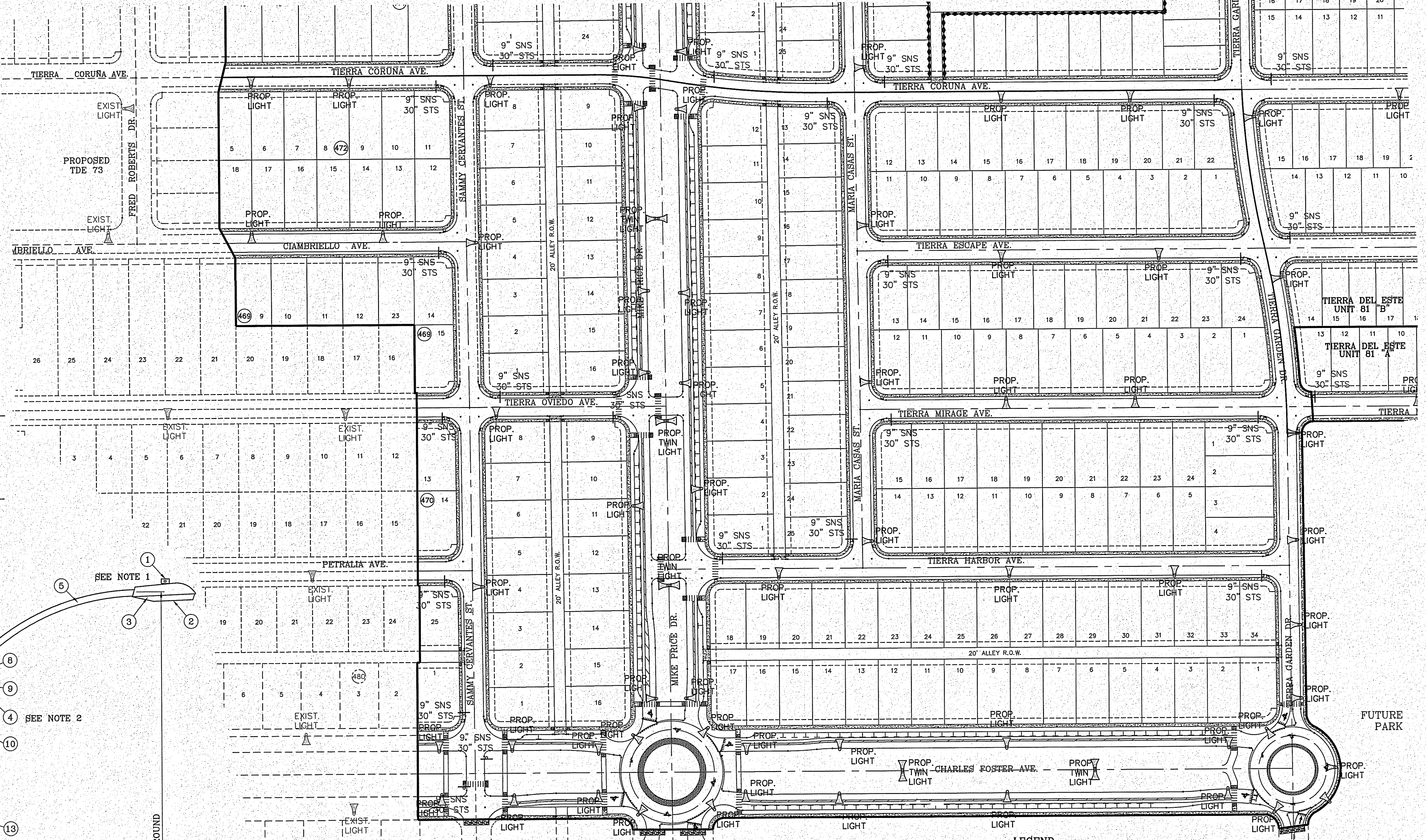
NOTE:  
For X and Y dimensions see note 6

STEEL POLE TWIN LIGHT  
N.T.S.

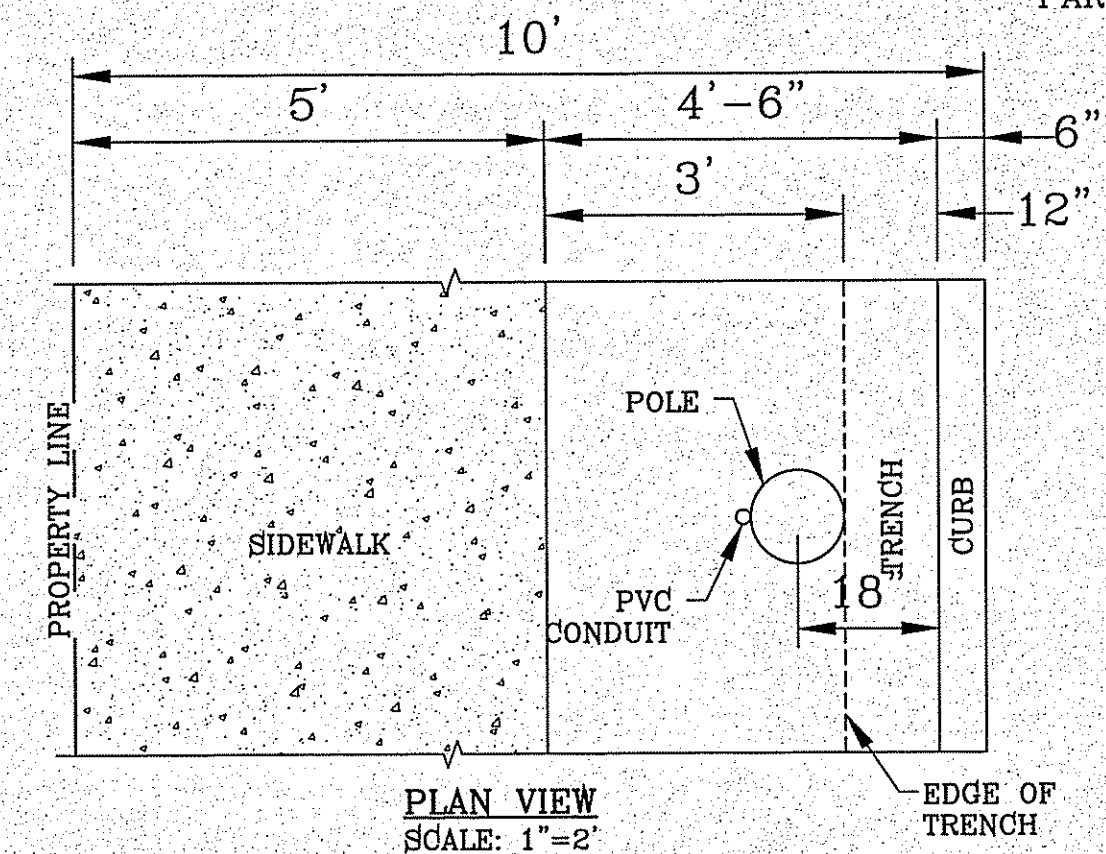
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ROCKY SOIL 24" 60"
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UNDERGROUND RESIDENTIAL STREET LIGHT WOOD POLE  
E.P.E.C. STD. DSU 805  
SCALE: 1"=2'

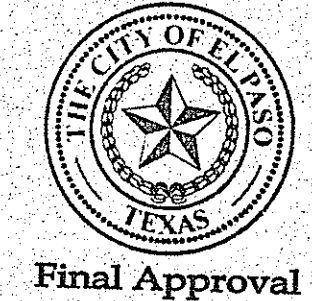


- NOTE:
1. STREET LIGHTING TO BE IN ACCORDANCE WITH EL PASO DESIGN STANDARDS, SECTION VIII
  2. INSTALL TRAFFIC CONTROL DEVICES AS SHOWN AND IN ACCORDANCE WITH CITY OF EL PASO DESIGN STANDARDS, SECTION VII.
  3. LUMINAIRE NEEDS TO BE LED - MIN. 65 WATTS ALONG PARKS.
  4. POLES TO BE METAL ALONG ALL PARKS.



PLAN VIEW  
SCALE: 1"=2'

ITEM No.	DESCRIPTION	STOCK DSU No.	QTY.	CU CODE	MACRO CODE
1	PHOTOCELL, 240 V-SEE NOTE 1	21-225	1		
2	HPS LAMP 100 W	21-085	1	LCOBRAHD	
3	LUMINAIRE, 100 W HPS	21-335	1		
4	SLEEVES, #12-10	05-140	2		
5	MAST ARM, 6' x 1 1/4"	21-200	1	LBRKT1*6	
	MACHINE BOLT, 5/8" x 12"	02-470	1		LCOBRAUG
	SQUARE GALV. WASHER, 2 1/4"x2 1/4"	02-760	1	LMB5/812	
6	COIL SPRING WASHER, 5/8"	02-786	1		
	LOCK NUT, 5/8"	02-706	1		
7	SERVICE ENTRANCE CAP FOR 1" PVC CONDUIT	17-281	1	LSVCCAP1	
8	LAG BOLT, 1/2" x 3"	02-343	2	LLAG12*3	
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14	POLE, 35' CLASS 4	09-035	1	L354UG	
15	1" PVC 90 DEGREE ELBOW	17-297	1	LEL901	
16	1" PVC CONDUIT	17-299	AS REQ'D	LPVC1	
17	1" PVC 45 DEGREE ELBOW	17-298	1	LEL451	
18	1" PVC COUPLING	17-296	1	LCPLG1	
19	STEEL POLE 31' TWIN STREET LIGHT	09-3	1		
20	CABLE #10, 2 CONDUCTOR	13-600	80'	L2C#10S	
21	ALUMINUM TRANSFORMER BASE (TB-1-17)	21-608	1	LTBASE	
22	BREAK AWAY FUSED 30 AMP	21-250	2	LBRKFUSE	
23	5/8" GROUND ROD CLAMP	07-461	1	LGRNDROD	
24	5/8"x10' CU BONDED GROUND ROD	08-626	1		



CONDE INC.  
ENGINEERING / PLANNING  
SURVEYING / GPS  
6080 SURETY DR. STE 100  
EL PASO, TEXAS 79905  
PHONE: (915) 592-0283  
FAX: (915) 592-0286



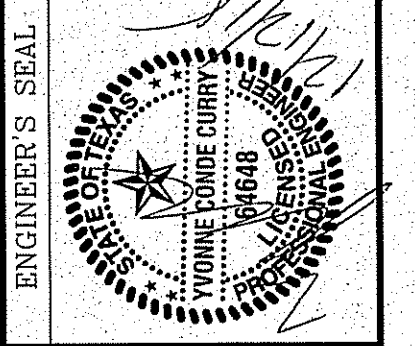
SHEET TITLE

ILLUMINATION AND SIGNAGE

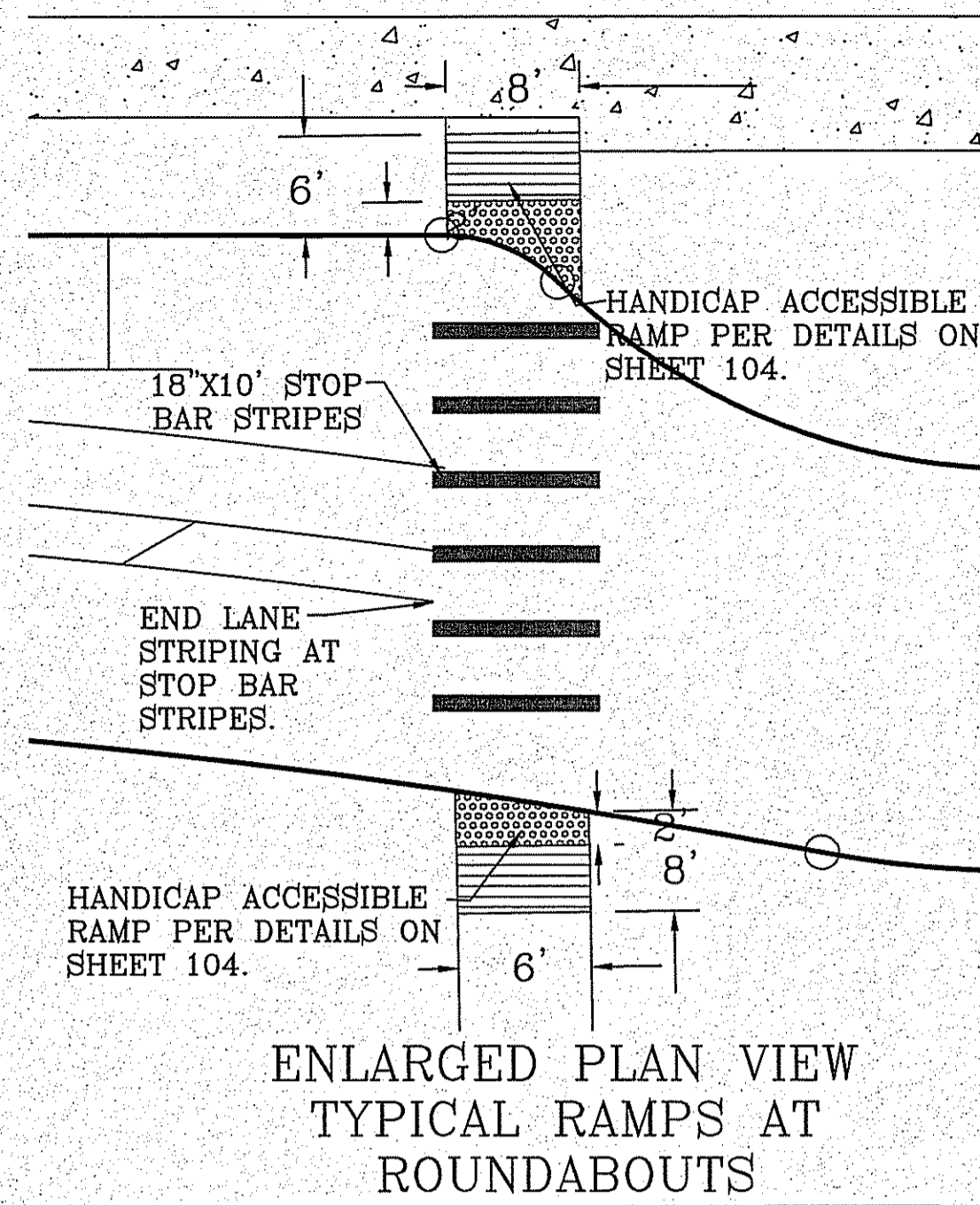
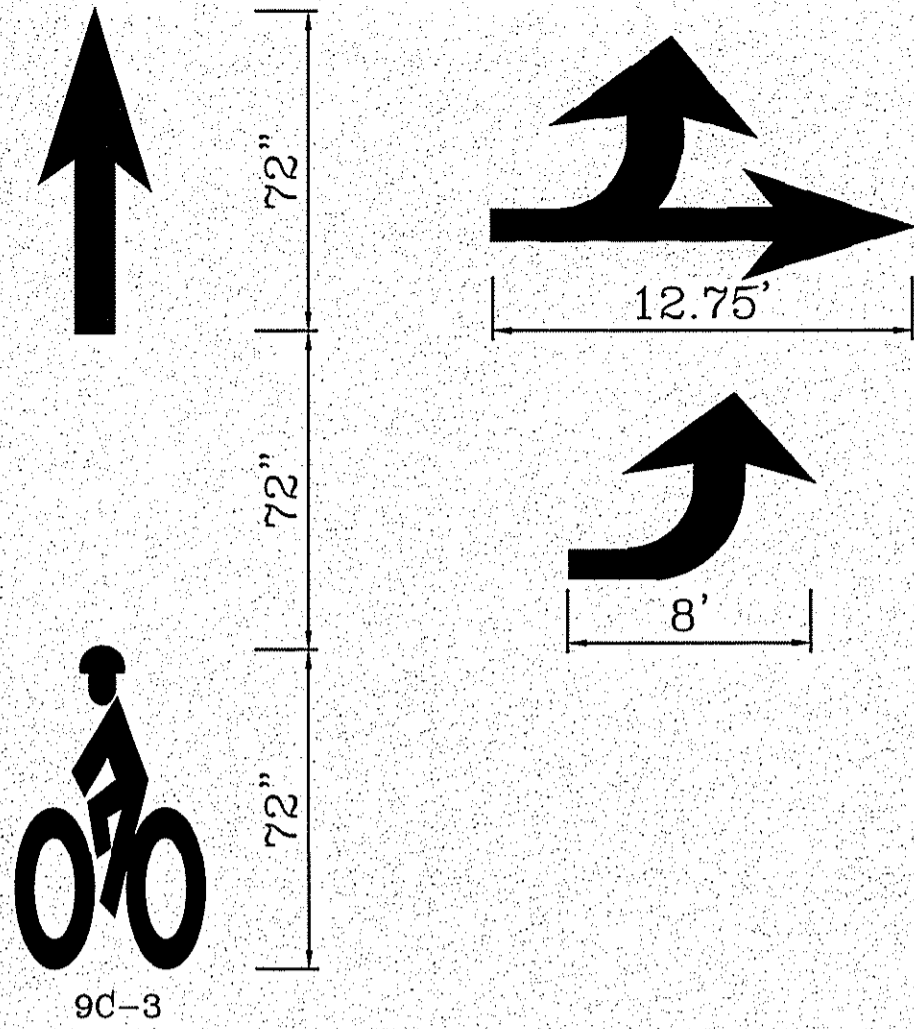
BENCHMARK  
CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE  
ELEVATION = 4023.96 .....NAVD 88

PROJECT NAME  
**Tierra del Este Unit 81 "B"**  
BEING PORTION OF SECTION 48, BLOCK 79 TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS. CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.3271 ACRES

SCALE  
HORIZ: VERT:  
DATE: SEP. 2018  
DESIGN BY: Y.C.  
INITIATED BY: F.R.  
CHECKED BY: Y.C.  
JOB NO.: 719-66



PAVEMENT MARKINGS



ENLARGED PLAN VIEW  
TYPICAL RAMPS AT  
ROUNDBOUTS

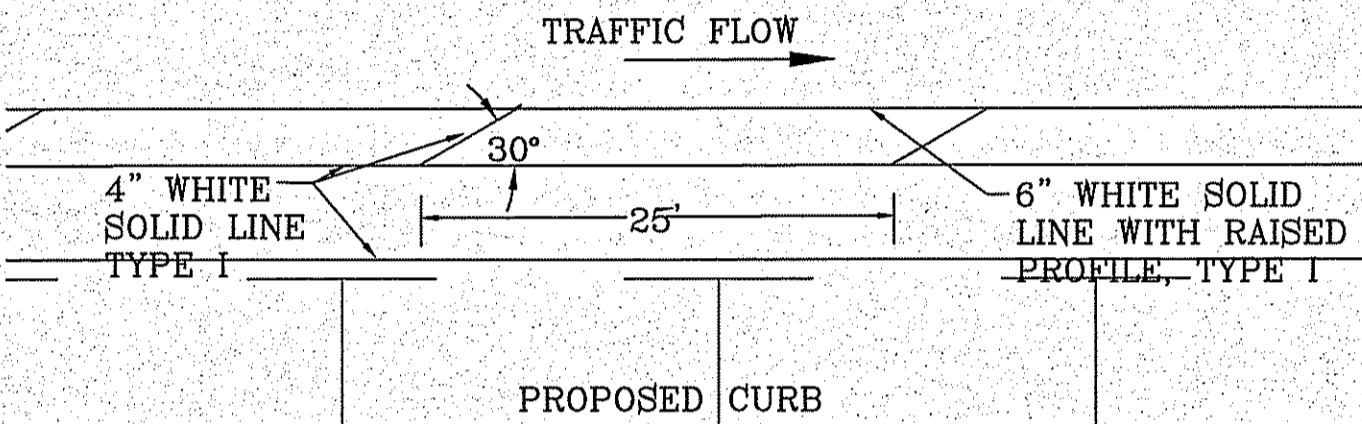
SCALE 1"=10'

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C1	500.00'	94.30'	47.29'	94.16'	N84°37'17"W	10°48'20"
C2	500.00'	94.30'	47.29'	94.16'	N84°37'17"W	10°48'20"
C3	64.00'	10.88'	5.45'	10.86'	S84°05'14"E	9°44'13"
C4	3.00'	5.45'	3.85'	4.73'	N36°54'16"W	104°06'08"
C5	91.50'	62.18'	32.35'	61.00'	S4°19'23"E	38°56'21"
C6	1.00'	1.99'	1.53'	1.68'	N33°05'30"E	113°46'06"
C7	40.00'	63.70'	40.88'	57.18'	N44°24'00"W	91°14'54"
C8	10.00'	7.67'	4.03'	7.48'	N68°03'05"W	43°56'44"
C9	40.00'	54.44'	32.38'	50.34'	S85°04'16"E	77°59'05"
C10	20.00'	13.08'	6.78'	12.84'	N18°43'45"W	37°27'30"
C11	20.00'	12.87'	6.67'	12.65'	S19°01'20"E	36°52'21"
C12	60.00'	93.66'	59.41'	84.44'	S44°41'42"W	89°26'17"
C13	60.00'	94.84'	60.59'	85.27'	S45°18'18"E	90°33'43"
C14	60.00'	93.66'	59.41'	84.44'	N44°41'42"E	89°26'17"
C15	60.00'	94.84'	60.59'	85.27'	N45°18'18"W	90°33'43"
C16	64.00'	6.50'	3.25'	6.50'	N2°05'43"W	5°49'16"
C17	3.00'	5.47'	3.88'	4.75'	S47°15'38"W	104°31'58"
C18	91.50'	45.21'	23.08'	44.75'	N85°22'18"E	28°18'40"
C19	1.00'	2.04'	1.63'	1.71'	N50°14'12"W	117°05'40"
C20	64.00'	9.94'	4.98'	9.93'	S35°14'44"W	8°53'47"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C61	50.00'	103.17'	83.58'	85.82'	N58°31'31"E	118°13'20"
C62	45.00'	68.24'	42.62'	61.89'	S45°58'07"W	86°53'27"
C63	45.00'	67.81'	42.21'	61.57'	N45°44'18"W	86°20'01"
C64	45.00'	72.25'	46.59'	64.73'	N43°25'17"E	91°59'08"
C65	45.00'	73.13'	47.51'	65.34'	S44°01'53"E	93°06'33"

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C21	40.00'	86.65'	75.42'	70.67'	S61°28'25"W	124°07'09"
C22	20.00'	11.71'	6.03'	11.55'	S73°14'44"E	33°33'26"
C23	500.00'	73.00'	36.56'	72.93'	S85°50'30"E	8°21'54"
C24	64.00'	9.45'	4.73'	9.44'	N85°53'15"W	8°27'24"
C25	3.00'	5.63'	4.10'	4.84'	S36°19'50"E	107°34'16"
C26	93.00'	66.17'	34.56'	64.79'	N2°55'46"W	40°46'08"
C27	1.00'	1.98'	1.52'	1.67'	S33°19'52"W	113°17'22"
C28	40.00'	85.87'	73.66'	70.30'	S28°31'35"E	122°59'44"
C29	20.00'	11.71'	6.03'	11.55'	N16°11'34"E	33°33'26"
C30	64.00'	5.76'	2.88'	5.76'	N1°59'37"E	5°09'33"
C31	1.00'	1.97'	1.50'	1.66'	S51°44'34"E	112°37'55"
C32	93.00'	46.17'	23.57'	45.69'	S86°09'44"W	28°26'31"
C33	3.00'	5.53'	3.96'	4.78'	N47°32'14"E	105°41'32"
C34	64.00'	14.62'	7.34'	14.59'	S11°44'06"W	13°05'16"
C35	500.00'	73.00'	36.56'	72.93'	N3°35'47"E	8°21'54"
C36	20.00'	12.87'	6.67'	12.65'	N71°32'27"E	36°52'12"
C37	20.00'	12.87'	6.67'	12.65'	S71°32'27"W	36°52'12"
C38	500.00'	59.06'	29.57'	59.03'	N86°38'24"W	6°46'05"
C39	74.00'	3.12'	1.56'	3.12'	S84°27'54"E	2°25'04"
C40	3.00'	5.76'	4.29'	4.92'	N30°38'07"W	110°04'39"

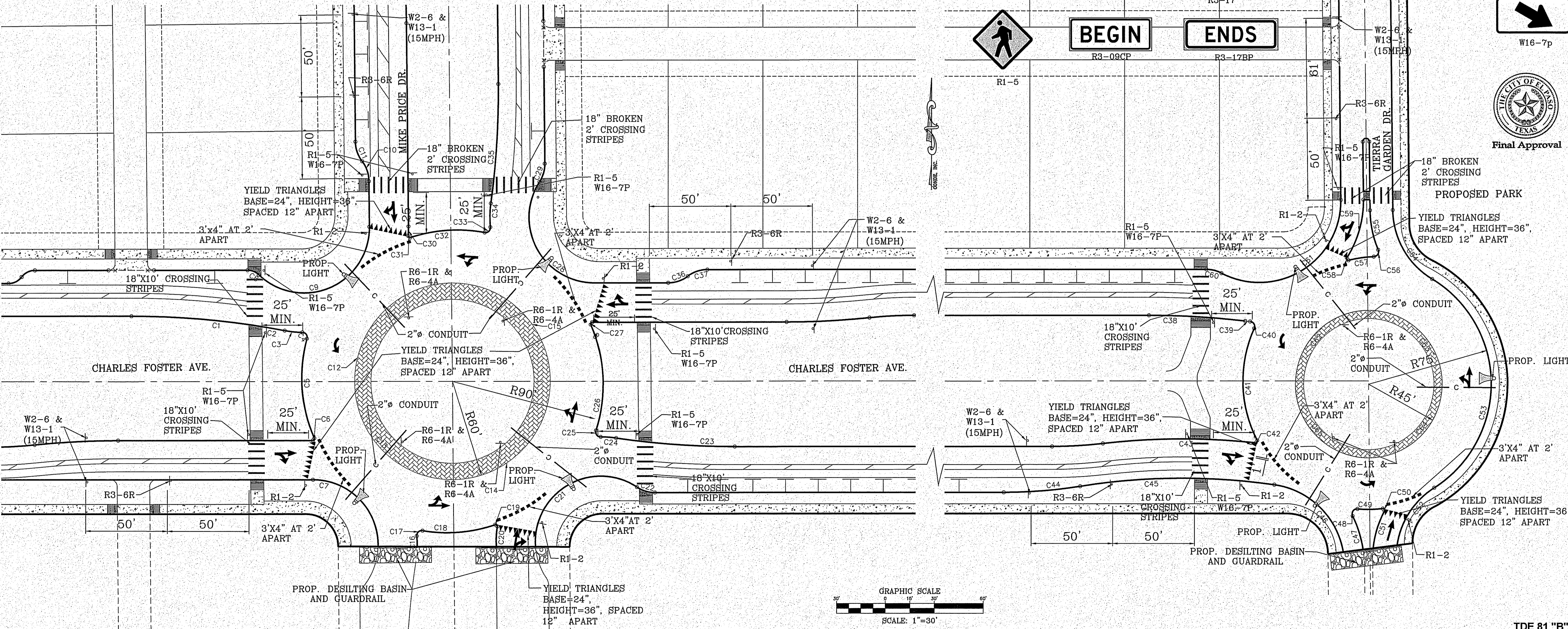
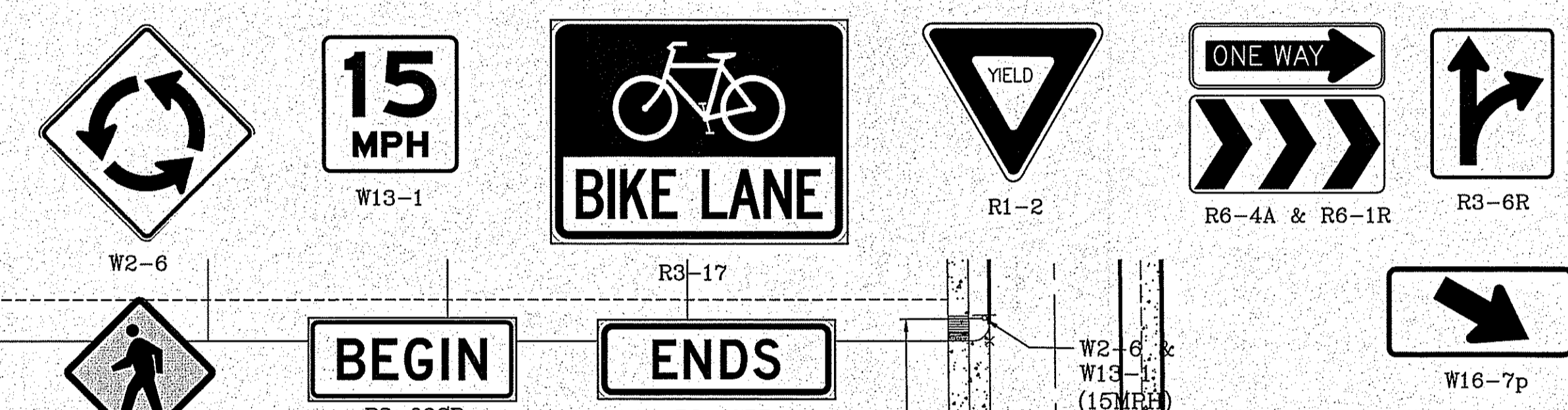
CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C41	78.00'	70.75'	38.02'	68.35'	S1°34'57"E	51°58'20"
C42	1.00'	2.16'	1.87'	1.76'	N34°14'41"E	123°37'35"
C43	424.00'	93.70'	47.04'	93.51'	S89°43'37"W	12°39'43"
C44	300.00'	47.03'	23.56'	46.98'	N85°29'05"E	8°58'57"
C45	400.00'	119.30'	60.10'	118.86'	S89°32'16"W	17°05'19"
C46	50.00'	63.09'	36.52'	58.99'	N45°46'18"W	72°17'34"
C47	72.50'	21.59'	10.88'	21.51'	N17°31'11"W	17°03'46"
C48	3.00'	6.34'	5.32'	5.23'	S34°30'34"W	121°07'16"
C49	76.50'	15.62'	7.84'	15.59'	N18°13'18"E	11°41'47"
C50	1.00'	2.17'	1.90'	1.77'	N34°20'07"W	124°34'56"
C51	62.50'	23.98'	12.14'	23.83'	S16°57'55"W	21°58'53"
C52	50.00'	43.10'	22.99'	41.78'	S32°50'57"W	49°23'19"
C53	75.00'	152.18'	120.63'	127.39'	N0°35'09"W	116°15'33"
C54	50.00'	50.73'	27.79'	48.58'	S29°39'03"E	58°07'46"
C55	64.00'	24.84'	12.58'	24.69'	S11°42'19"E	22°14'19"
C56	3.00'	5.79'	4.32'	4.93'	N32°25'36"E	111°30'09"
C57	78.00'	15.86'	7.96'	15.84'	S81°51'04"W	11°39'12"
C58	1.00'	2.39'	2.54'	1.86'	S35°29'02"E	136°58'59"
C59	64.00'	37.52'	19.32'	36.99'	N16°12'39"E	33°35'37"
C60	20.00'	9.66'	4.92'	9.56'	N76°11'38"W	27°39'38"



BIKE PATH STRIPING DETAIL

SCALE 1"=10'

STREET SIGN LEGEND



PROJECT NAME: TIERRA DEL ESTE UNIT 81 "B"

BENCHMARK: CITY MONUMENT AT THE CENTERLINE INTERSECTION OF HOLLY SPRINGS AVENUE AND MIKE PRICE DRIVE ELEVATION = 4083.96 .....NAVD 88

REVISIONS: DATE: BY:

BEING PORTION OF SECTION 48, BLOCK 79, TOWNSHIP 2, TEXAS AND PACIFIC RAILWAY CO. SURVEYS, CITY OF EL PASO, EL PASO COUNTY, TEXAS CONTAINING: 160.927± ACRES

SCALE: HORIZ: VERT: DATE: SEP. 2018 DESIGN BY: Y.C. INITIATED BY: Y.C. CHECKED BY: Y.C. JOB NO.: 718-58

ENGINEER'S SEAL: [Seal]

CONDE INC. ENGINEERING / PLANNING SURVEYING / GPS 6090 SURETY DR. STE 100 EL PASO, TEXAS 79905 PHONE: (915) 592-0283 FAX: (915) 592-0286

CONDE INC. REGISTRATION No. F-2221

SHEET TITLE: ROUNDABOUT TRAFFIC CONTROL SIGNAGE & STRIPING

SHT 100 OF 100

FILE LOCATION: S:\Subdivisions\TDE 81 B\DWG\ILLUMINATION-TRAFFIC PLOTTED ON Friday, November 2, 2018 2:52:42 PM BY FELIX RODRIGUEZ