

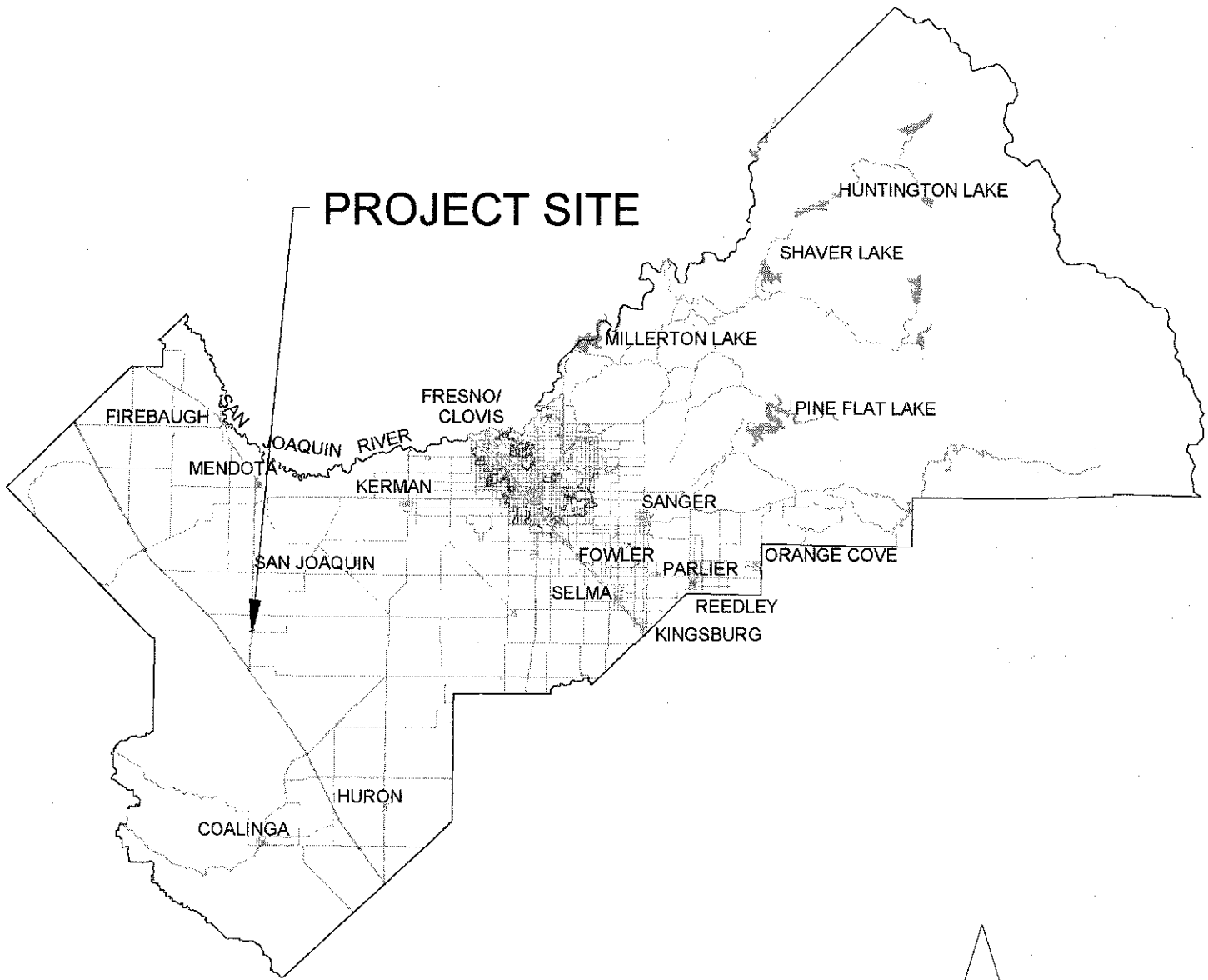
C:\USERS\WU\ONE DRIVE - COUNTY OF FRESNO\SHARED DOCUMENTS - PWP - DESIGN DIVISION PROJECTS\PROJECTS - ROAD & BRIDGE FOLDERS\EL PORVENIR\SHEETS\CURRENT SET\EL PORVENIR - TITLE & LEGEND.DWG 4/28/2025 7:13 AM - VU

PLANS FOR CONSTRUCTION

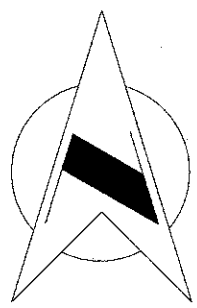
EL PORVENIR COMMUNITY ROAD IMPROVEMENTS

INDEX OF SHEETS

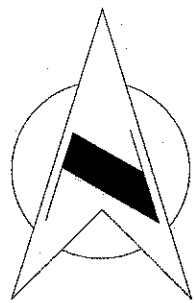
SHEET NO.	TITLE
1	TITLE
2	LEGEND
3	GENERAL NOTES
4	CONSTRUCTION PLANS
5-8	ROAD CURB AND GUTTERPLAN AND PROFILE
9-10	STORM DRAIN PLAN AND PROFILE
11	EXISTING UTILITIES
12-13	CONSTRUCTION DETAILS



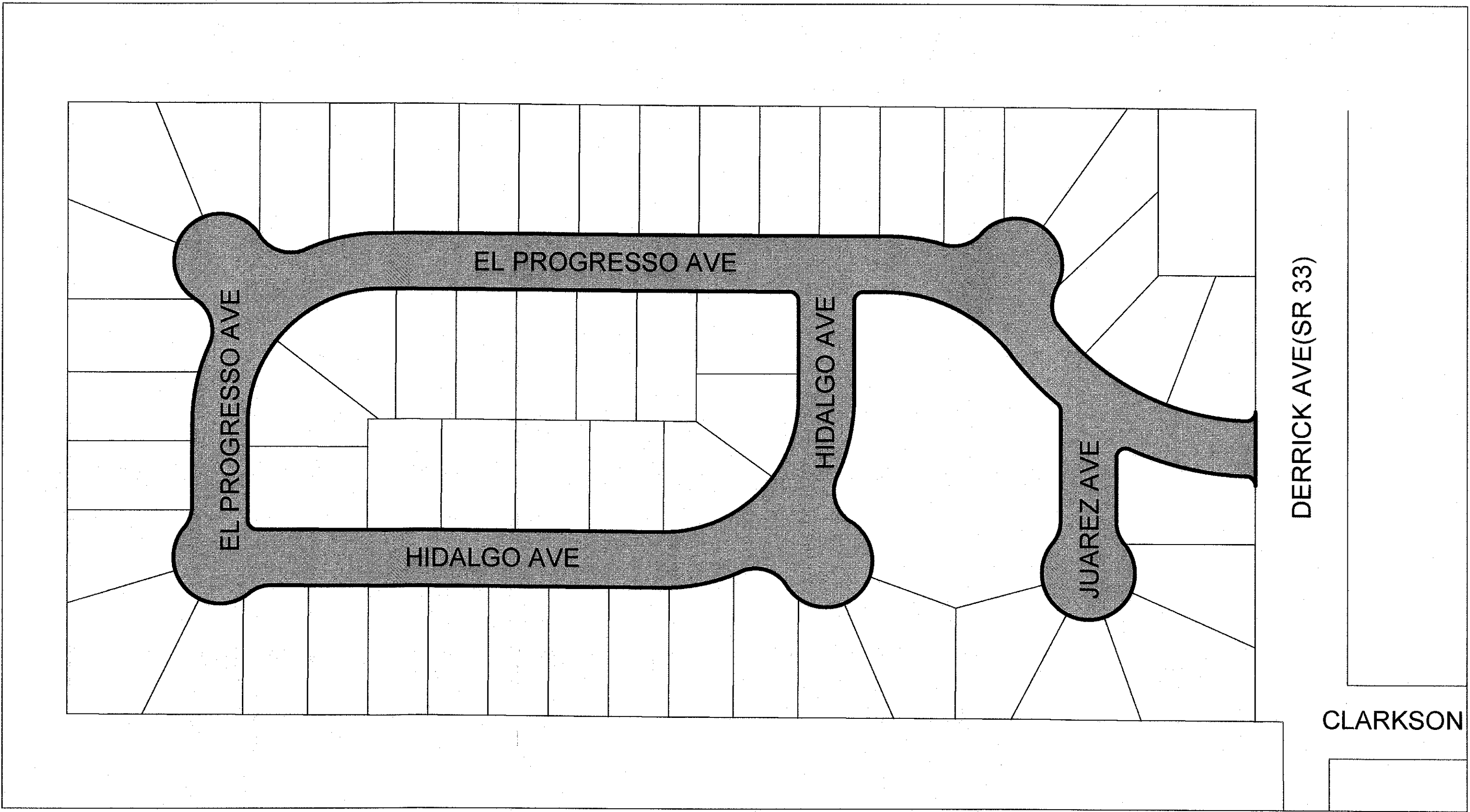
VICINITY MAP
SCALE: N.T.S.



LOCATION MAP
SCALE: 1"=100'



DEPARTMENT OF PUBLIC WORKS AND PLANNING



DIVISION	DESIGN	CONST	RMO	RESC
SIGNATURE				
DATE	4/28/2025	4/28/2025	4/28/2025	

Brian Pacheco
Garry Bredefeld
Luis Chavez
Ernest "Buddy" Mendes
Nathan Magsig

Vice Chairman
Chairman

1st District
2nd District
3rd District
4th District
5th District

Paul Nerland
County Administrative Officer

APPROVED
Steven E. White, Director
Department of Public Works and Planning

CALIFORNIA CONTRACTOR'S LICENSES REQUIRED FOR THIS PROJECT					
CLASS A, GENERAL ENGINEERING					
C-12, EARTHWORK AND PAVING					
DRAWING NO.	ROAD NO.	BRIDGE NO.	FISCAL YR.	SHEET NO.	TOTAL
11344	-	N/A	2025-2026	01	13
CONTRACT NO. 25-02-C					

RECORD DRAWING	
CONTRACTOR	
NAME	
ADDRESS	
CITY	STATE ZIP
PHONE	
DATE AWARDED	
DATE STARTED	
DATE COMPLETED	
RESIDENT ENGINEER	
NAME	SIGNATURE
NAME	SIGNATURE

GENERAL LEGEND

GENERAL NOTES

1. THE DIMENSIONS SHOWN ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE CALTRANS STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS THERETO
2. PROJECT WILL BE CONSTRUCTED IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATIONS - 2023 EDITION.
3. SAW-CUT AND DEMOLITION AREAS ARE TO BE VERIFIED BY THE ENGINEER PRIOR TO DEMOLITION. ANY ADDITIONAL DEMOLITION SHALL BE APPROVED BY THE ENGINEER.
4. THE CONTRACTOR SHALL COORDINATE WITH ANY UTILITY COMPANIES THAT REQUIRE THEIR FACILITIES TO BE ADJUSTED TO GRADE. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING THE SITE AND IDENTIFYING ANY UTILITIES THAT MAY REQUIRE ADJUSTMENT. ANY UNFORESEEN DELAY SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY IN WRITING.

SURVEY NOTES

BASIS OF BEARING

THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 34, TOWNSHIP 16 SOUTH, RANGE 15 EAST, M.D.B.&M., IS TAKEN TO BEAR N 89 59' 26" W PER MAP OF TRACT NO. 3456, CANTUA CREEK SUBDIVISION NO.1, RECORDED IN VOLUME 39, PAGES 23 & 24 OF PLATS, FRESNO COUNTY RECORDS.

BASIS OF COORDINATES

THE NORTH QUARTER CORNER OF SECTION 34, TOWNSHIP 16 SOUTH, RANGE 15 EAST, M.D.B. & M., IS ASSUMED TO BE AT COORDINATES: N = 9,938.331 E = 28757.155

BASIS OF ELEVATIONS

FRESNO COUNTY BENCH MARK MF 127 $\frac{1}{2}$, A USC&G BRASS CAP MONUMENT STAMPED "128.48L" LOCATED 1.0' WEST OF THE EAST END OF THE NORTH CONCRETE CURB ON THE CLARKSON AVE. BRIDGE OVER THE CALIFORNIA AQUEDUCT. ELEVATION IS ASSUMED TO BE 339.51 US SURVEY FEET TO APPROXIMATE THE DATUM USED FOR USBR PLANS.

TOPOGRAPHY NOTE

TOPOGRAPHY SHOWN IS FIELD SURVEY DATA PROVIDED BY THE COUNTY OF FRESNO DATED OCTOBER 16, 2016, AND SUPPLEMENTED BY FIELD SURVEYS CONDUCTED UNDER THE DIRECTION OF TIM ODOM, PLS 8468.

BOUNDARY NOTE

THE BOUNDARY/EASEMENT INFORMATION SHOWN ON THE THESE PLANS IS BASED UPON RECORD INFORMATION TIED TO PHYSICAL MONUMENTS, AND WAS PREPARED UNDER THE DIRECTION OF TIM ODOM, PLS 8468.

PURSUANT TO SECTIONS 8771(B) AND 8771(C) OF THE GOVERNMENT CODE, ANY MONUMENTS THAT CONTROL THE LOCATION OF BOUNDARIES, OR OTHERWISE PROVIDE HORIZONTAL OR VERTICAL SURVEY CONTROL WITHIN THE CONSTRUCTION AREA, SHALL BE LOCATED AND REFERENCED PRIOR TO CONSTRUCTION, AND A CORNER RECORD OR RECORD OF SURVEY OF THE REFERENCES SHALL BE FILED WITH THE COUNTY SURVEYOR.

UTILITY NOTES

1. LOCATIONS OF EXISTING UNDERGROUND FACILITIES ARE APPROXIMATE, EXACT DEPTH AND LOCATIONS ARE UNKNOWN. CONTRACTOR TO FIELD LOCATE PRIOR TO THE START OF CONSTRUCTION.

CALL UNDERGROUND SERVICE ALERT (USA) 811
2. WHERE UNDERGROUND AND SURFACE STRUCTURES ARE SHOWN ON THE PLANS, THE LOCATIONS, DEPTH AND DIMENSIONS OF STRUCTURES ARE BELIEVED TO BE REASONABLY CORRECT, BUT ARE NOT GUARANTEED. SUCH STRUCTURES ARE SHOWN FOR THE INFORMATION OF THE CONTRACTOR, BUT INFORMATION SO GIVEN IS NOT TO BE CONSTRUED AS A REPRESENTATION THAT SUCH STRUCTURES WILL, IN ALL CASES, BE FOUND WHERE SHOWN, OR THAT THEY REPRESENT ALL OF THE STRUCTURES WHICH MAY BE ENCOUNTERED.

ABBREVIATIONS

AB	AGGREGATE BASE	DIA	DRAINAGE INLET	LP	LIMIT OF PAYMENT	RT	RIGHT
ABUT	ABUTMENT(S)	DIR	DIRECTION	LT	LEFT	RTE	ROUTE
AC	ASPHALT CONCRETE	DIST	DISTANCE	MAX	MAXIMUM	RW	RETAINING WALL
AHD	AHEAD	DO	DRAINAGE OUTLET	MB	METAL BEAM	R/W	RIGHT OF WAY
ALIGN	ALIGNMENT	DO	DRAINAGE OUTLET	MBGR	METAL BEAM GUARD RAILING	S	SLOPE
ALY	ALLEY	DRWY	DRIVEWAY	MH	MANHOLE	SALV	SALVAGE
AP	ANGLE POINT	DTL	DETAIL	MI	MILE (S)	SBL	SOUTH BOUND LANE
APCH	APPROACH	EA	EACH	MIN	MINIMUM	SDWK	SIDEWALK
APPROX	APPROXIMATE ± ()	EASE	EASEMENT	MISC	MISCELLANEOUS	SEC	SECTION
AS	AGGREGATE SUBBASE	EB	END OF BRIDGE	MOD	MODIFY (IED)	SH	STATE HIGHWAY
ASSY	ASSEMBLY	E/B	EAST BOUND	MON	MONUMENT	SHLDR	SHOULDER
AV	AIR RELEASE VALVE	EC	END HORIZONTAL CURVE	MP	MILE POST	SHT	SHEET
AVE	AVENUE	ECR	END CURB RETURN	MTL	MATERIAL	S/L	SECTION LINE
BB	BEGINNING OF BRIDGE	ED	END DIKE	N/A	NOT APPLICABLE	SP	STANDPIPE
BC	BEGIN HORIZONTAL CURVE	ELEV	ELEVATION	NBL	NORTH BOUND LANE	SQ	SQUARE
BCM	BRASS CAP MONUMENT	(ELEV)	EXISTING ELEVATION	NO (#)	NUMBER	SQ FT	SQUARE FOOT (FEET)
BCR	BEGIN CURB RETURN	EMB	EMBANKMENT	NS	NATIVE SOIL	SQ IN	SQUARE INCH
BEG	BEGIN(ING)	EP	EDGE OF PAVEMENT	O	OVER	SS	SANITARY SEWER
BKF	BACKFILL	EQ	EQUAL	OC	ON CENTER	ST	STREET
BLDG	BUILDING	ES	EDGE OF SHOULDER	OD	OUTSIDE DIAMETER	STA	STATION
BLVD	BOULEVARD	ETL	EDGE OF TRAVEL LANE	OG	ORIGINAL GROUND	STD	STANDARD
BM	BENCH MARK	EVC	END VERTICAL CURVE	PB	PULL BOX	STP	STEEL PIPE
BR	BRIDGE	EW	ENDWALL	PBS	PULV BIT SURF	STR	STRUCTURE (S)
BS	BACK OF SIDEWALK	EXC	EXCAVATION	PCC	PORTLAND CEMENT CONCRETE	SURF	SURFACING
BVC	BEGIN VERTICAL CURVE	EXIST / (E)	EXISTING	PE	POLYETHYLENE	SWR	SEWER
BW	BARBED WIRE	EXP JT	EXPANSION JOINT	PERM	PERMEABLE	TAN OFF	TANGENT OFFSET
CA TV	CABLE TELEVISION	FCBCM	FRESNO COUNTY BCM	PG	PROFILE GRADE	TBM	TEMPORARY BM
C & G	CURB AND GUTTER	FG	FINISHED GRADE	PI	POINT OF INTERSECTION	TBR	TIMBER
CC	CENTER TO CENTER	FH	FIRE HYDRANT	PL	PLATE	TC	TOP OF CURB
CF	CUBIC FOOT (FEET)	FL	FLOW LINE	P/L	PROPERTY LINE	TCB	TRAFFIC CONTROL BOX
CFS	CUBIC FEET PER SECOND	FOW	FRONT OF SIDEWALK	PM	POST MILE	TCP	TEMPORARY CONST F
CHNL	CHANNEL	FRE	FRESNO	PNT	POINT	TFC	TOP FACE OF CURB
CI	CITY	FT	FOOT (FEET)	POC	POINT ON CURVE	TFP	TRANSFORMER POLE
CIDH	CAST-IN DRILLED HOLE	GAL	GALLON (S)	POT	POINT ON TANGENT	TOT	TOTAL
CIP	CAST IRON PIPE	GALV	GALVANIZED	PP	POWER POLE	TP	TELEPHONE POLE
CIPCP	CAST-IN-PLACE CONCRETE PIPE	GB	GRADE BREAK	PPP	PERFORATED PLASTIC PIPE	TRANS	TRANSITION
C/L (C)	CENTER LINE	GP	GRADING PLANE	PRF	PAVEMENT REINFORCING FABRIC	TS	TRAFFIC SIGNAL
CL	CHAIN LINK	GRUB	GRUBBING	PSF	POUNDS PER SQUARE FOOT	TYP	TYPICAL
CLR	CLEAR (ING), CLEARANCE	GL	GUTTER LIP	PSI	POUNDS PER SQUARE INCH	TYP SEC	TYPICAL SECTION
CMP	CORRUGATED METAL PIPE	GW	GUY WIRE	PT	PEDESTAL TELEPHONE	UC	UNDERCROSSING
CMPA	CORRUGATED METAL PIPE ARCH	HORIZ	HORIZONTAL	PULV	PULVERIZED	UD	UNDERDRAIN
CNL	CUT NEAT LINE	HP	HINGE POINT	PVC	POLYVINYL CHLORIDE	UDR	UNDERDRAIN RISER
CNS	COMPACTED NATIVE SOIL	HS	HIGH STRENGTH	PVMT	PAVEMENT	UG	UNDERGROUND
CO	COUNTY	HW	HEAD WALL	R	RADIUS	UP	UNDERPASS
COF	CITY OF FRESNO	HWM	HIGH WATER MARK	R & R	REMOVE AND REPLACE	VAR	VARIES (ABLE)
COMM	COMMERCIAL	HWY	HIGHWAY	RCB	REINFORCED CONCRETE BOX	VC	VERTICAL CURVE
CONC	CONCRETE	IB	IMPORTED BORROW	RCP	REINFORCED CONCRETE PIPE	VCP	VITRIFIED CLAY PIPE
CONST	CONSTRUCT (ION)	ID	INSIDE DIAMETER	RD	ROAD	VERT	VERTICAL
CONT	CONTINUOUS	IP	IRON PIPE	REINF	REINFORCED (MENT) (ING)	VG	VALLEY GUTTER
CP	CONTROL POINT	IRR	IRRIGATION	REL	RELOCATE	VP	VENT PIPE
CR	CURB RAMP	IV	IRRIGATION VALVE	RES	RESIDENTIAL	W	WATER
CS	COTTON SPINDLE	JP	JOINT POLE	RET	RETAINING	W/B	WEST BOUND
CSP	CORRUGATED STEEL PIPE	JT	JOINT	RG	RUBBER GASKET	WM	WATER METER
CSPA	CORRUGATED STEEL PIPE ARCH	LBS	POUNDS	RLG	ROCK LINED GUTTER	WP	WEAKENED PLANE
CULV	CULVERT	LF	LINEAR FOOT	RR	RAILROAD	WR	WHEELCHAIR RAMP
CY (CU YD)	CUBIC YARD(S)	LOC	LOCATION			WV	WATER VALVE
		LOL	LAYOUT LINE			WW	WINGWALL

CONSTRUCTION SYMBOLS

	TYPE "A" CURB		SURVEY MONUMENT
	TYPE "B3" CURB		CONCRETE COLLAR
	TYPE "FA" CURB		GRADE MATCH
	FA CURB EXTENSION		SAW CUT
	COMMERCIAL SIDEWALK		CUT NEAT LINE
	RESIDENTIAL SIDEWALK	 STA L	OVERSIDE DRAIN
 STA W	ADJACENT RES SIDEWALK		MISC TRAFFIC SIGN
 STA D	CONCRETE HOUSEWALK		STOP SIGN
 STA D	VALLEY GUTTER		DENOTES LENGTH IN FEET
 STA	MAIL BOX		SECTION CORNER
 STA D	CONCRETE DRIVEWAY		PLACE AC, MISC AREA
 STA D	S° AC DRIVEWAY		DIRECTION OF FLOW
 STA D	S° DIRT DRIVEWAY		GRADE TO FLOW
 STA D	S° DIRT DRIVEWAY		CHAIN LINK FENCE
 STA D	S° DIRT DRIVEWAY		WIRE FENCE
 STA D	S° DIRT DRIVEWAY		HINGE POINT
 STA D	S° DIRT DRIVEWAY		DAYLIGHT LIMIT
 STA D	S° DIRT DRIVEWAY		DITCH FLOW LINE
 STA D	S° DIRT DRIVEWAY		GP AND LP ROADWAY EXC
 STA D	S° DIRT DRIVEWAY		SHEET NO. REFERENCE TO STATE DETAIL NO. STANDARD PLAN DETAIL
 STA D	S° DIRT DRIVEWAY		SHEET NO. REFERENCE TO DETAIL NO. DETAIL ON DWG. OR DETAIL TITLE
 STA D	S° DIRT DRIVEWAY		SHEET NO. SECTION CUT DWG. NO.
 STA D	S° DIRT DRIVEWAY		FLOW DIRECTION
 STA D	S° DIRT DRIVEWAY		PRESSURE LINE
 STA D	S° DIRT DRIVEWAY		ROAD RECONSTRUCTION
 STA D	S° DIRT DRIVEWAY		REMOVE, DISPOSE, AND RECONSTRUCT CONCRETE

EXISTING IMPROVEMENTS

	TYPE "A" CURB		RES SIDEWALK		WIRE FENCE
	TYPE "B3" CURB		VALLEY GUTTER		CHAIN LINK FENCE
	TYPE "FA" CURB		SURVEY MON		METAL FENCE
	COMM SIDEWALK		MAIL BOX		WOOD FENCE
					PVC FENCE
					MISC LANDSCAPING

NOTES

UTILITY SYMBOLS

	STAND PIPE		FIRE HYDRANT		GAS METER	C	UG CABLE		STREET LIGHT POLE		WARNING SIGN		EXISTING
	IRR UG PIPE FLOW		IRR 2"-4" PIPE RISER		GAS VALVE	D	UG STORM DRAIN LINE		EXISTING SIGNAL POLE		WARNING SIGN		
	IRR UG PIPE CAPPED		MH-STORM DRAIN		WATER METER	E	UG ELECTRIC LINE		STORM DRAIN DROP INLET		WARNING SIGN		TELEPHONE POLE
	IRR VALVE SCREWGATE		MH-ELECTRICAL		WATER VALVE	FO	UG FIBER OPTIC		STORM DRAIN GRATE		WARNING SIGN		POWER POLE
	IRR TOP GATE VALVE		MH-FO/CABLE		HOSE BIB	G	UG GAS LINE		STEEL DRAIN PIPE		ELECTRIC PULL BOX		JOINT POLE
	IRR PIPE 12" VERTICAL		MH-GAS		MH-GASOLINE FILLER	S	UG SANITARY SEWER		DOWN DRAIN		PEDESTAL-TELEPHONE		JOINT TRANSFORMER POLE
	VENT PIPE		MH-SANITARY SWR		GASOLINE VENT PIPE	T	UG TELEPHONE LINE		WARNING SIGN		SEWER CLEAN OUT		TRANSFORMER POLE
	IRR VALVE - BUBBLER		MH-TELEPHONE		GASOLINE PUMP	W	UG WATER LINE		WARNING SIGN		PEDESTAL-COMMUNICATION		GUY POLE
	IRR VALVE, DRIP SYSTEM		MH-WATER		CLEAN OUT	OHE	OVERHEAD ELEC LINE		WARNING SIGN		PEDESTAL-ELECTRICAL		GUY WIRE
	IRR PIPE 4" VERT OUTLET		ELEC METER		BACKFLOW PREVENTER	OHT	OVERHEAD TELE LINE		WARNING SIGN				SIGN
	WATER WELL		ELECTRIC VAULT		* SPRINKLER								
	WATER WELL PUMP		CHRISTY BOX										
	WATER STORAGE TANK		TELEPHONE VAULT										

	DATE	RECORD DRAWING		SCALE	 4/24/2025 DATE		PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK, VV	4/29/25	RESIDENT ENGINEER	DATE	EL PORVENIR ROAD IMPROVEMENTS			LEGEND					
DRAWN: VV	4/29/25											
CHECKED: SA	4/29/25											
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.							ROAD NO. -	BRIDGE NO. -		DRAWING NO. 11344	SHEET NO. 2	TOTAL - 13

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GENERAL NOTES

- BEFORE COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY ALL UTILITY AUTHORITIES OR UTILITY COMPANIES HAVING POSSIBLE INTEREST IN THE WORK OF THE CONTRACTOR'S INTENTION TO EXCAVATE PROXIMATE TO EXISTING FACILITIES AND THE CONTRACTOR SHALL VERIFY THE LOCATION, DEPTH AND SIZE OF ALL UTILITIES IN THE WORK AREA.
- TWO WORKING DAYS BEFORE PERFORMING ANY EXCAVATION THE CONTRACTOR SHALL CALL "USA" (UNDERGROUND SERVICE ALERT) TOLL FREE AT 1-800-227-2600 OR 811.
- CONTRACTOR SHALL CLEAR ALL ORGANIC AND DELETERIOUS MATERIAL PRIOR TO PLACEMENT OF FILL MATERIAL.
- THE CONTRACTOR SHALL PLACE CAUTION TAPE AND SET UP BARRICADES WITH APPROPRIATE SIDEWALK CLOSURE SIGNS PER CURRENT VERSION OF CA MUTCD SURROUNDING EACH SITE UNDER CONSTRUCTION. ADDITIONALLY THE CONTRACTOR SHALL PROVIDE SAFE ALTERNATE AND ADA ACCESSIBLE ROUTES FOR PEDESTRIANS WHILE SITES ARE UNDER CONSTRUCTION.
- COMPACT NATIVE SOIL TO 95% RELATIVE COMPACTION UNDER CURB, GUTTER, DRIVE APPROACH AND DRIVEWAY PER CALTRANS TEST 216 AND 90% RELATIVE COMPACTION UNDER SIDEWALK AND OTHER PEDESTRIAN AREAS.
- APPLY TACK COAT TO EXISTING AC AND CONCRETE VERTICAL SURFACES PRIOR TO PAVING.
- WHEN RESETTING SIGNS WITHIN AREAS TO BE RECONSTRUCTED THE SIGN POSTS SHALL BE INSTALLED WITHIN A 6" (INCH) LONG X 6" (INCH) DIAMETER PVC SLEEVE. PLUG SLEEVE 2" (INCH) FROM TOP WITH CONCRETE AFTER SIGN INSTALLATION.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL AND ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.
- INSTALL CURBS, AND GUTTERS AS PER CITY OF FRESNO STANDARD DRAWING P-9 AND IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS. CURBS AND GUTTERS SHALL BE CONSTRUCTED BEFORE PLACING THE STREET SURFACING AND BASE COURSE.
- TRAFFIC REQUIREMENTS
 - ALL SIGNING, DETOURING AND BARRICADING SHALL CONFORM TO STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, AND THE LATEST REVISION OF THE 2014 EDITION OF THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
 - ALL SIGNS SHALL BE RETROFLECTIVE PER CHAPTER 2A.07 AND 2A.08 OF THE 2014 CA MUTCD.
 - HIGH LEVEL WARNING DEVICES SHALL BE USED ON ALL APPROACHES TO THE CONSTRUCTION AREA.
 - ONE (1) 12-FOOT DRIVING LANE MUST BE MAINTAINED IN EACH DIRECTION AT ALL TIMES.
 - NO PUBLIC STREET SHALL BE CLOSED WITHOUT PRIOR APPROVAL FROM THE COUNTY TRAFFIC ENGINEER.
- NO STORAGE OF EQUIPMENT OF MATERIAL ALLOWED IN THE PUBLIC RIGHT-OF-WAY
- TRAFFIC CONTROL PLAN SHALL BE SET IN ACCORDANCE WITH THE 2014 EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND ACCEPTED TRAFFIC CONTROL PLAN.
- NO OPEN EXCAVATION ALLOWED AFTER WORKING HOURS. ALL EXCAVATIONS TO BE PROPERLY SECURED WHEN WORK CREWS ARE AWAY FROM THE SITE, ALL EXCAVATIONS IN ROAD AND SHOULDER AREAS ARE TO BE PLATED.
- RESTORE ALL EXISTING DRAINAGE PATTERNS AND FACILITES TO PRECONSTRUCTION CONDITIONS OR BETTER.
- REPAIR WITH LIKE MATERIALS ANY EXISTING DRIVEWAYS, CURBS, GUTTERS, WALKWAYS, LANDSCAPING, PLANTS, OR OTHER IMPROVEMENTS DAMAGED AS A RESULT OF THE WORK TO AN EXISTING OR BETTER CONDITION.
- ACCESS TO ALL PROPERTIES SHALL BE PROVIDED AND MAINTAINED AT ALL TIMES, UNLESS ARRANGEMENTS, IN WRITING, ARE MADE WITH THE PROPERTY OWNERS TO DEVIATE FROM THIS REQUIREMENT.
- DIRT OR DEBRIS TRACKED ONTO EXISTING COUNTY ROADS FROM THIS PROJECT SHALL BE CLEANED OFF AT THE END OF EACH WORKING DAY TO THE SATISFACTION OF THE COUNTY INSPECTOR.

SCALE



SUPERVISING ENGINEER

4/24/2025

DATE



PROJECT

EL PORVENIR ROAD IMPROVEMENTS

ROAD NO. -

BRIDGE NO. -



DEPARTMENT OF PUBLIC WORKS AND PLANNING

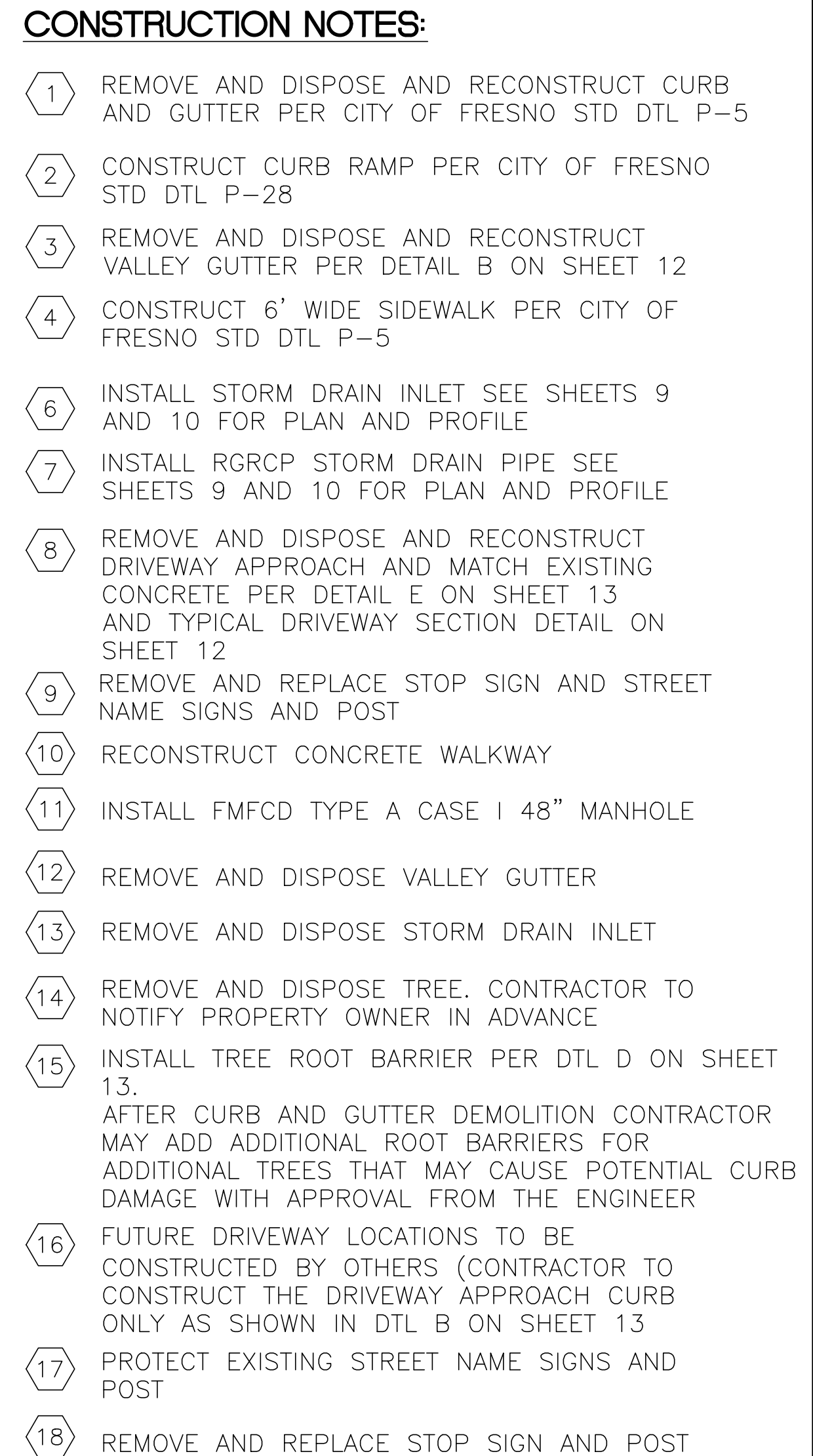
GENERAL NOTES

DRAWING NO. 11344

SHEET NO. 3

TOTAL - 13

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

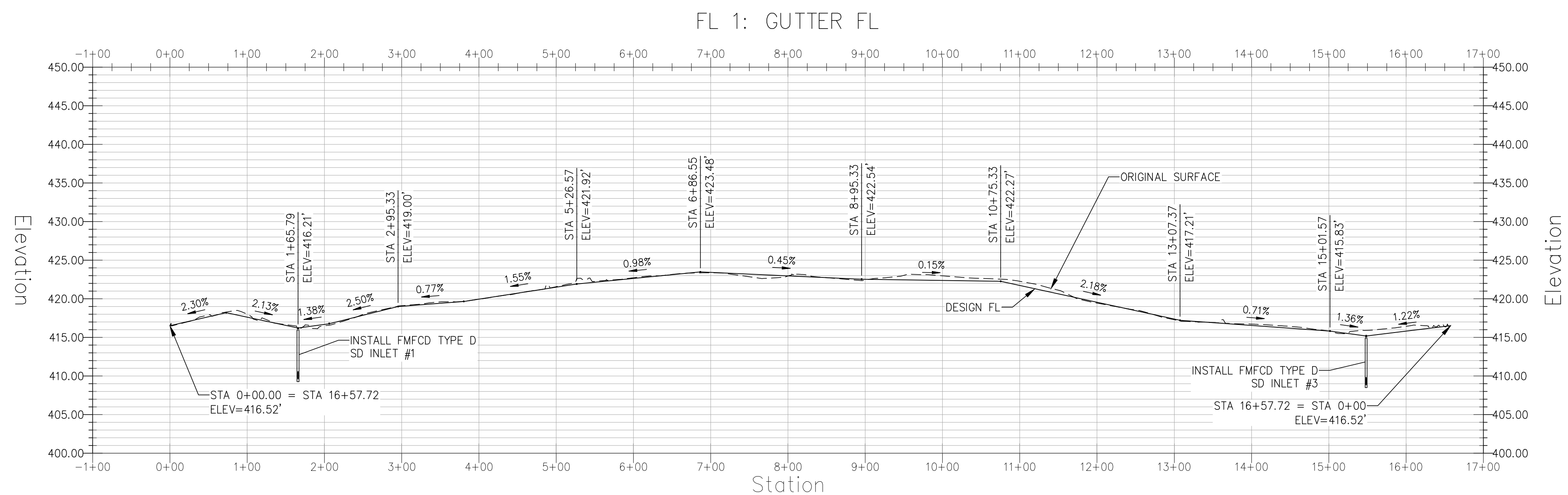
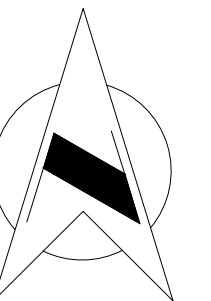
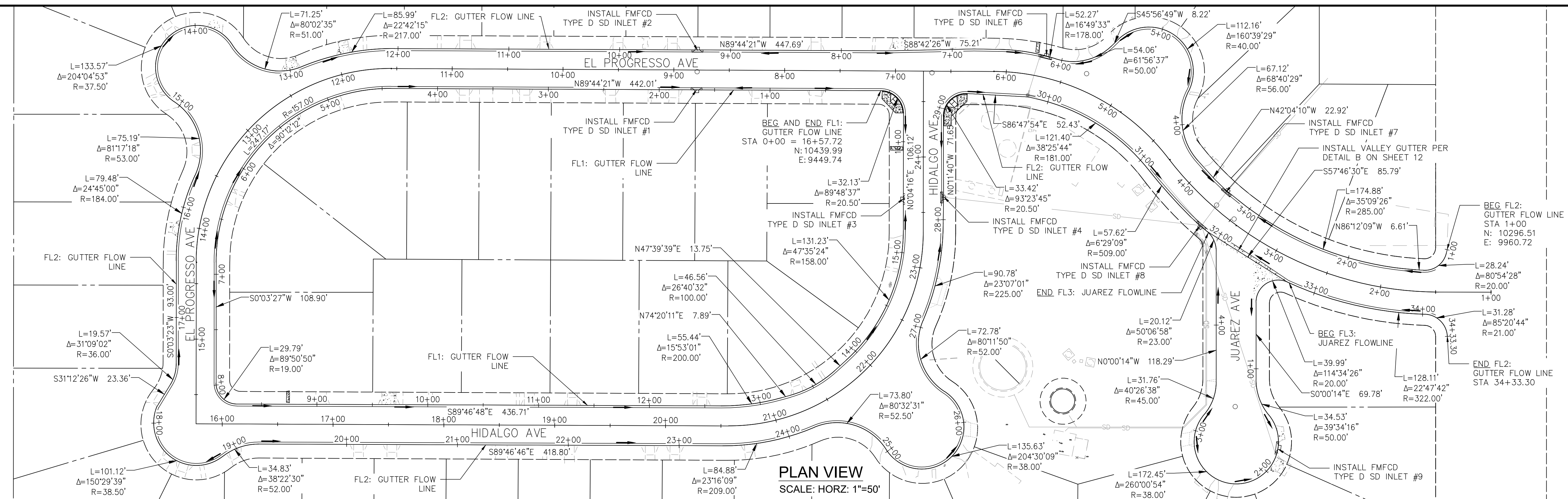


 ROAD RECONSTRUCTION
 CONCRETE VALLEY GUTTER AND DRIVEWAY APPROACHES
 CONCRETE CURB RAMP
 REMOVE VALLEY GUTTER

----- EXISTING R/W
 ----- EXISTING PROPERTY LINE

- 1) PROTECT EXISTING DRIVEWAY APPROACH, MAIL BOXES, FIRE HYDRANTS, OTHER UTILITIES, ETC, UNLESS OTHERWISE NOTED.
- 2) CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION OF EXISTING UTILITIES
- 3) SEE SHEET 9 AND 10 FOR REMOVAL OF EXISTING ABANDONED ASBESTOS PIPES, EXISTING ABANDONED HDPE PIPES, AND EXISTING PVC PIPES

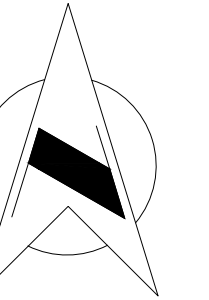
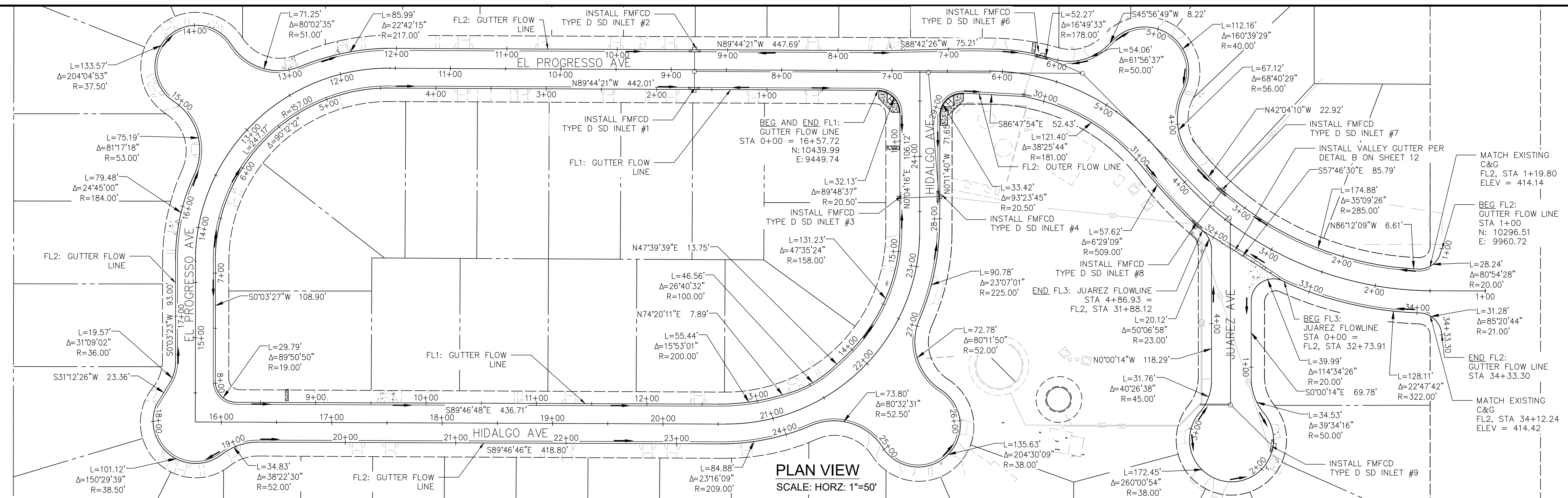
		DATE	RECORD DRAWING		SCALE				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING												
DESIGNED: DK, VV		4/29/25	RESIDENT ENGINEER		DATE						4/24/2025		EL PORVENIR ROAD IMPROVEMENTS		CONSTRUCTION PLANS										
DRAWN: VV		4/29/25							SUPERVISING ENGINEER		DATE				ROAD NO. -		BRIDGE NO. -		DRAWING NO. 11344			SHEET NO. 4		TOTAL - 13	
CHECKED: SA		4/29/25																							
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																									



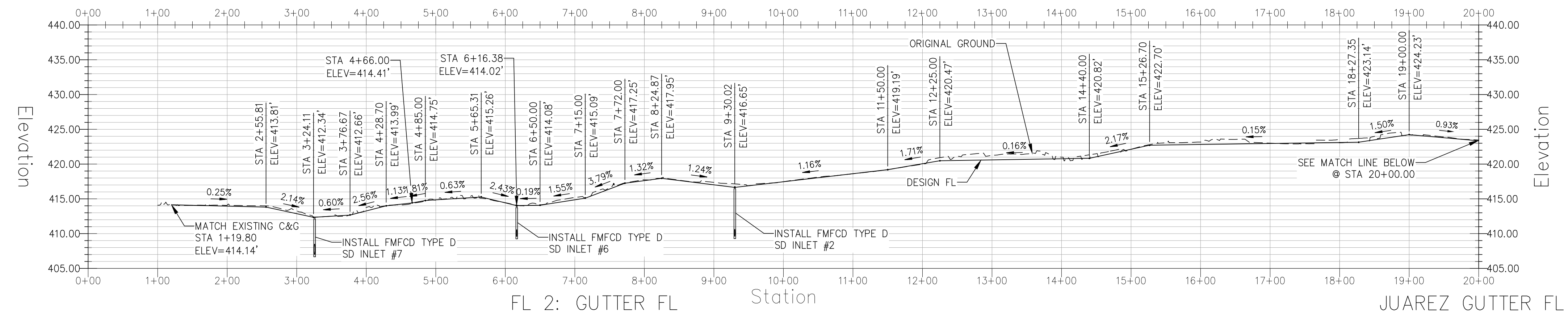
PROFILE VIEW

SCALE: HORZ: 1"=100'
VERT: 1"=10'

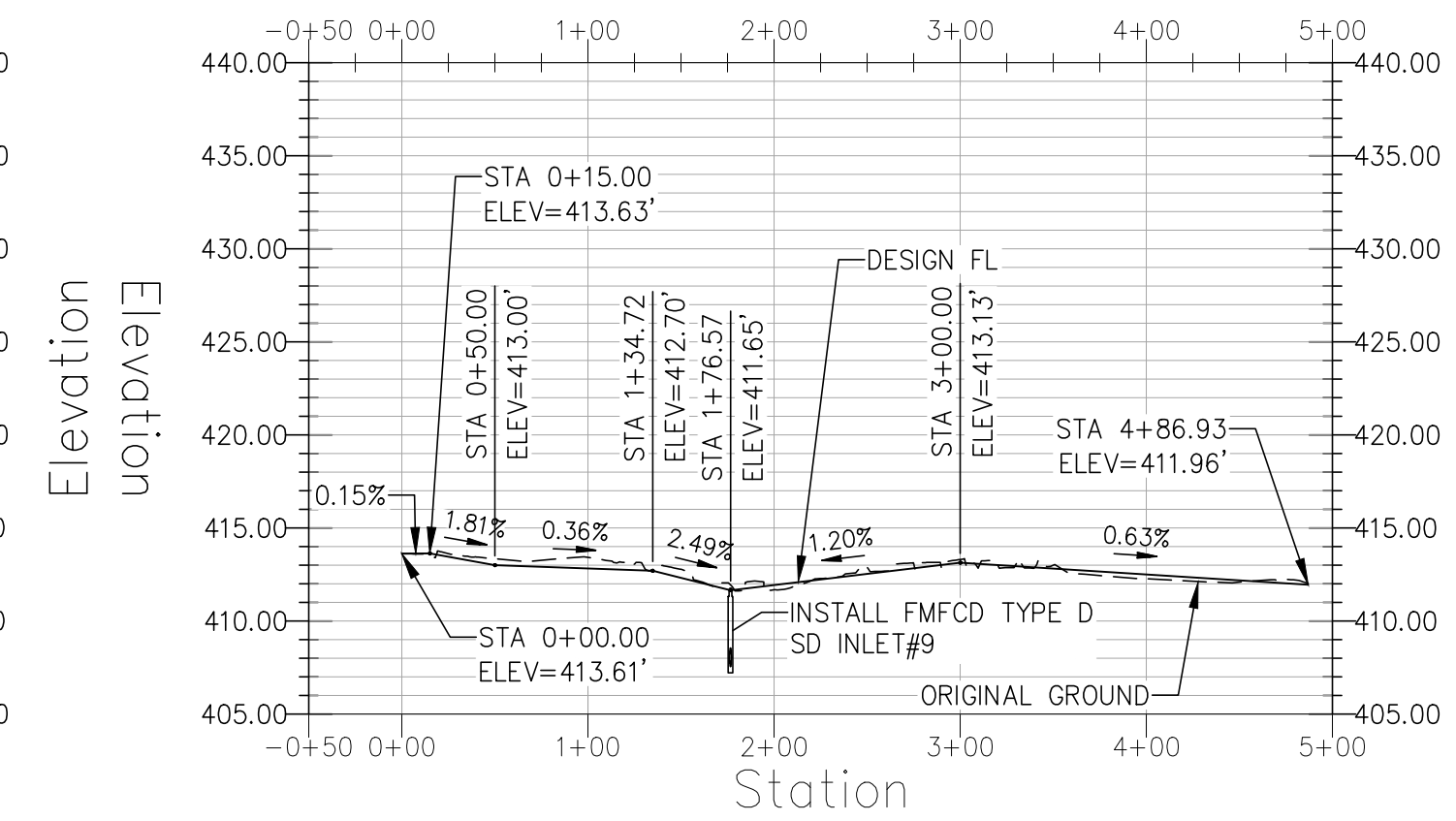
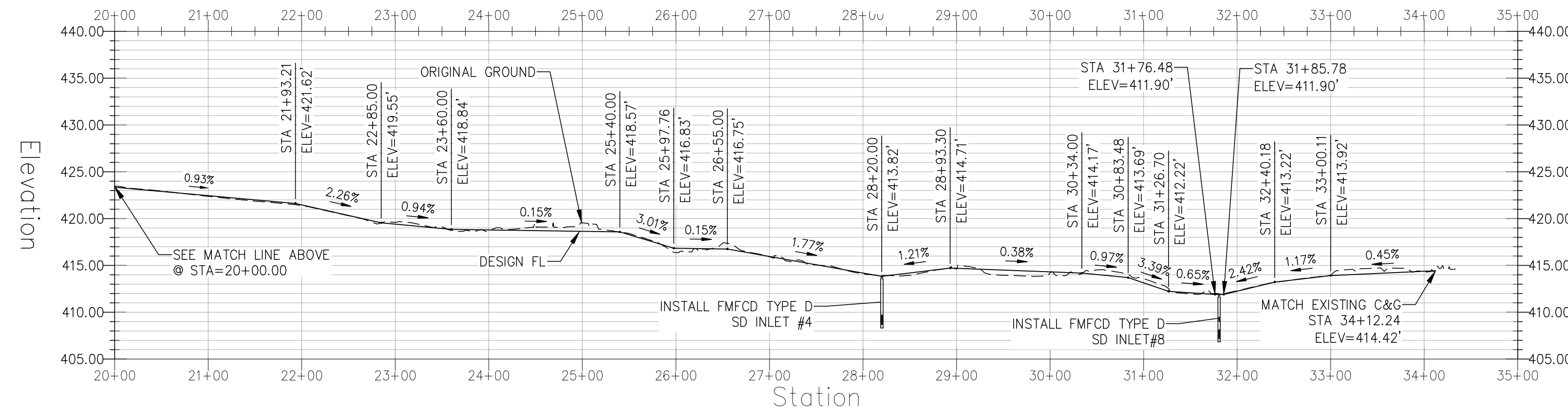
	DATE	RECORD DRAWING		SCALE				PROJECT		 DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DESIGNED: DK, VV	4/29/25	RESIDENT ENGINEER						EL PORVENIR ROAD IMPROVEMENTS			
DRAWN: VV	4/29/25					4/24/2025				GUTTER FLOWLINE PLAN AND PROFILE	
CHECKED: SA	4/29/25					DATE		ROAD NO. - BRIDGE NO. -		DRAWING NO. 11344 SHEET NO. 5 TOTAL - 13	
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.											



PLAN VIEW
SCALE: HORZ: 1"=50'

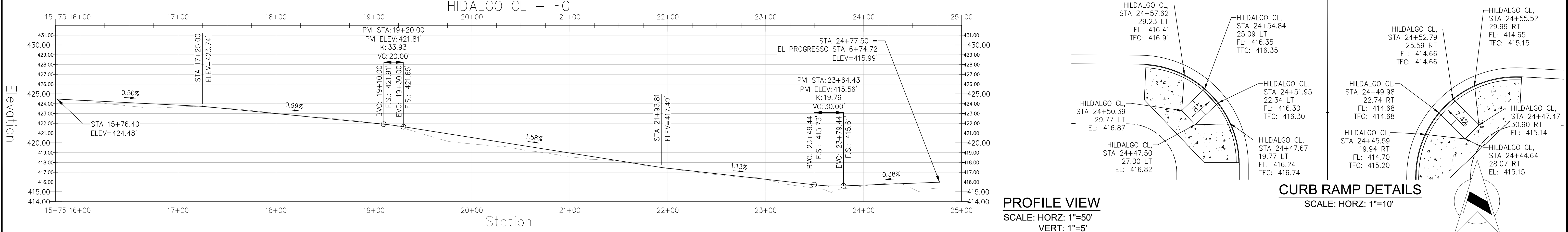
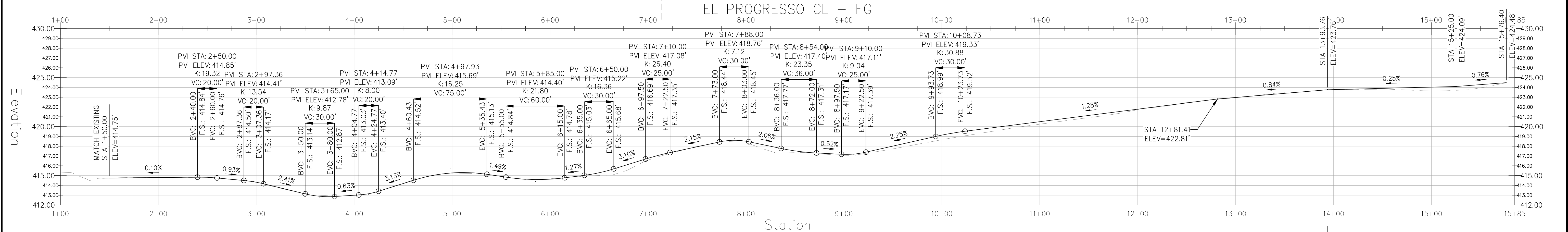
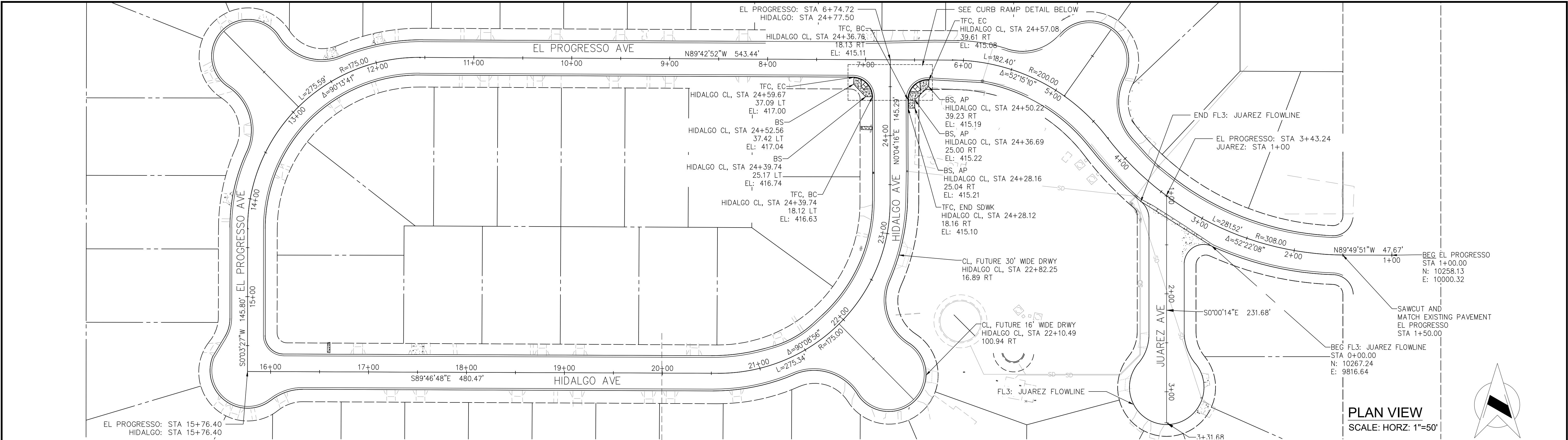


JUAREZ GUTTER FL

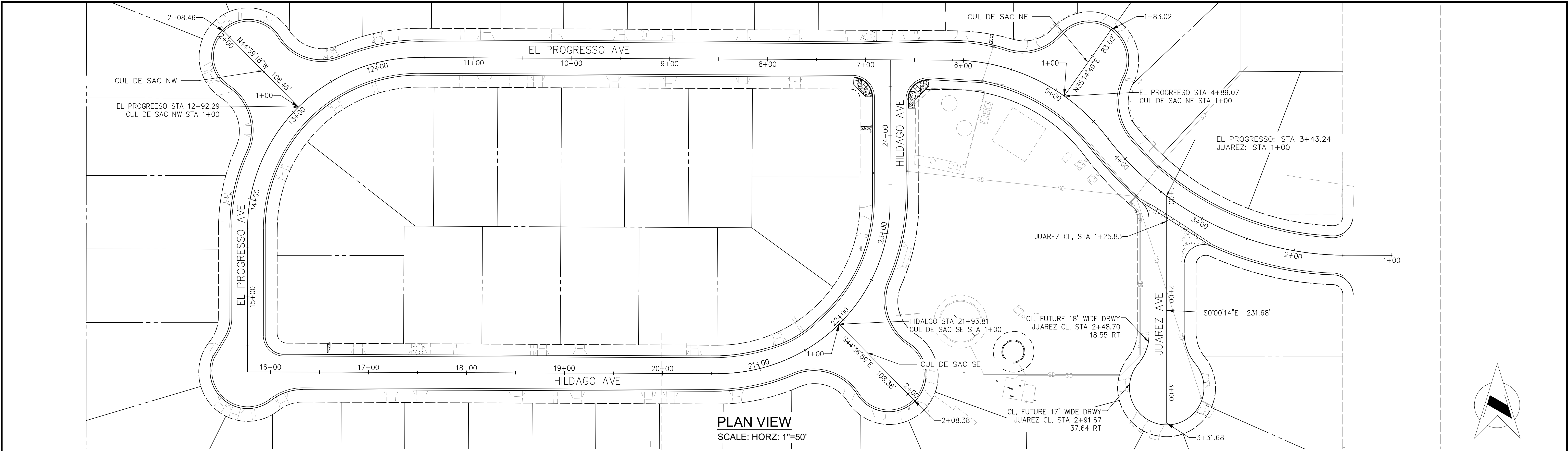


PROFILE VIEW
SCALE: HORZ: 1"=100'
VERT: 1"=10'

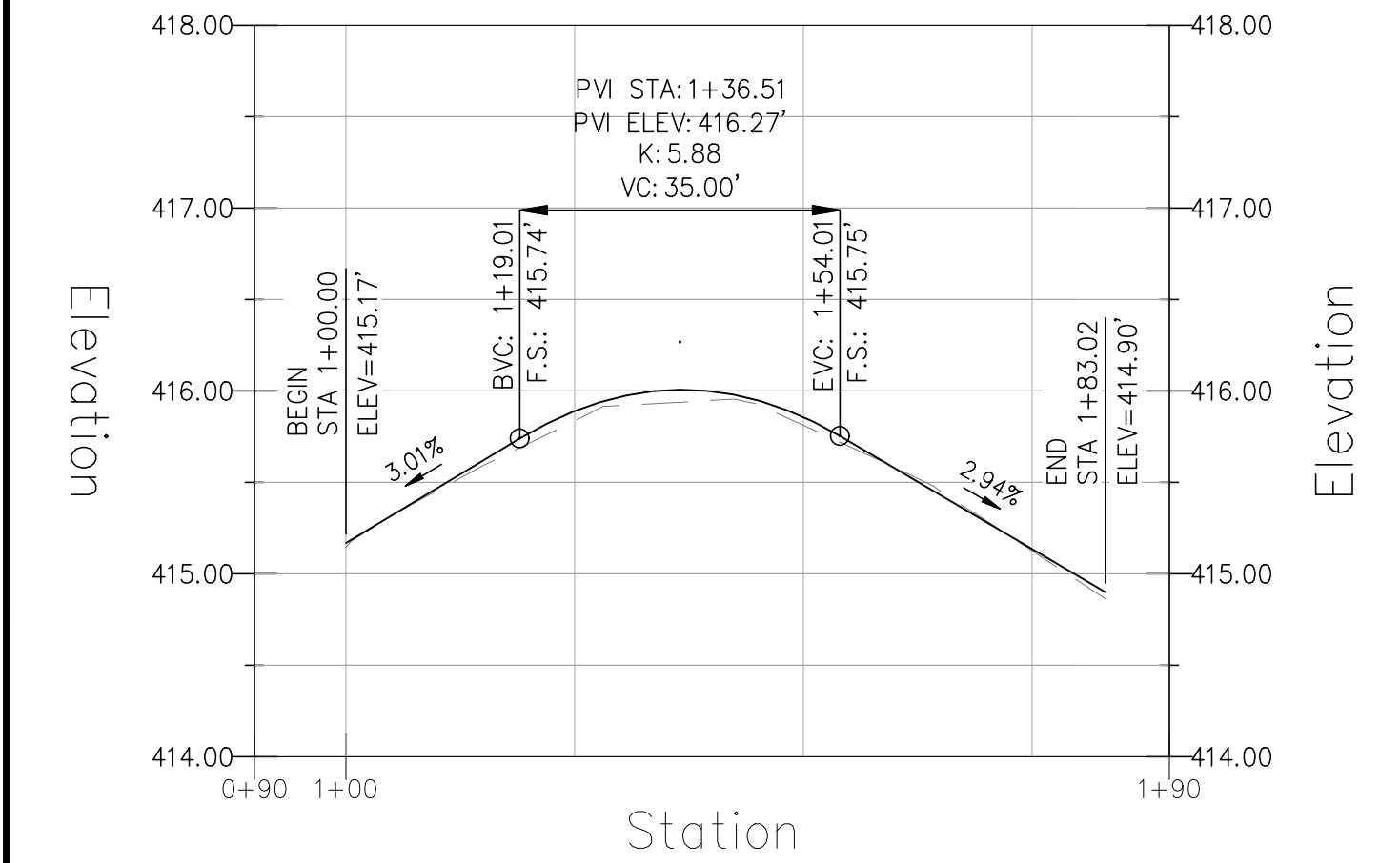
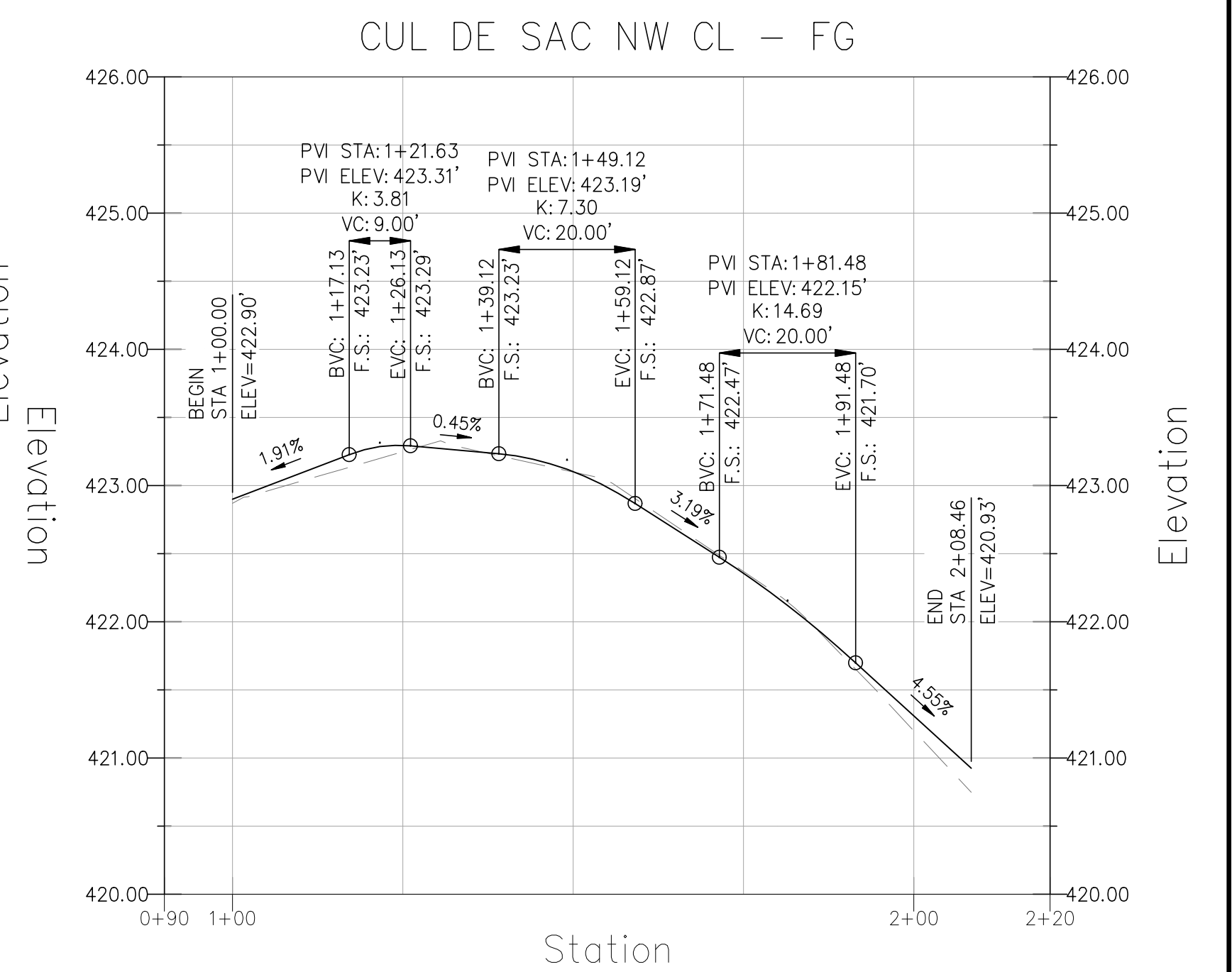
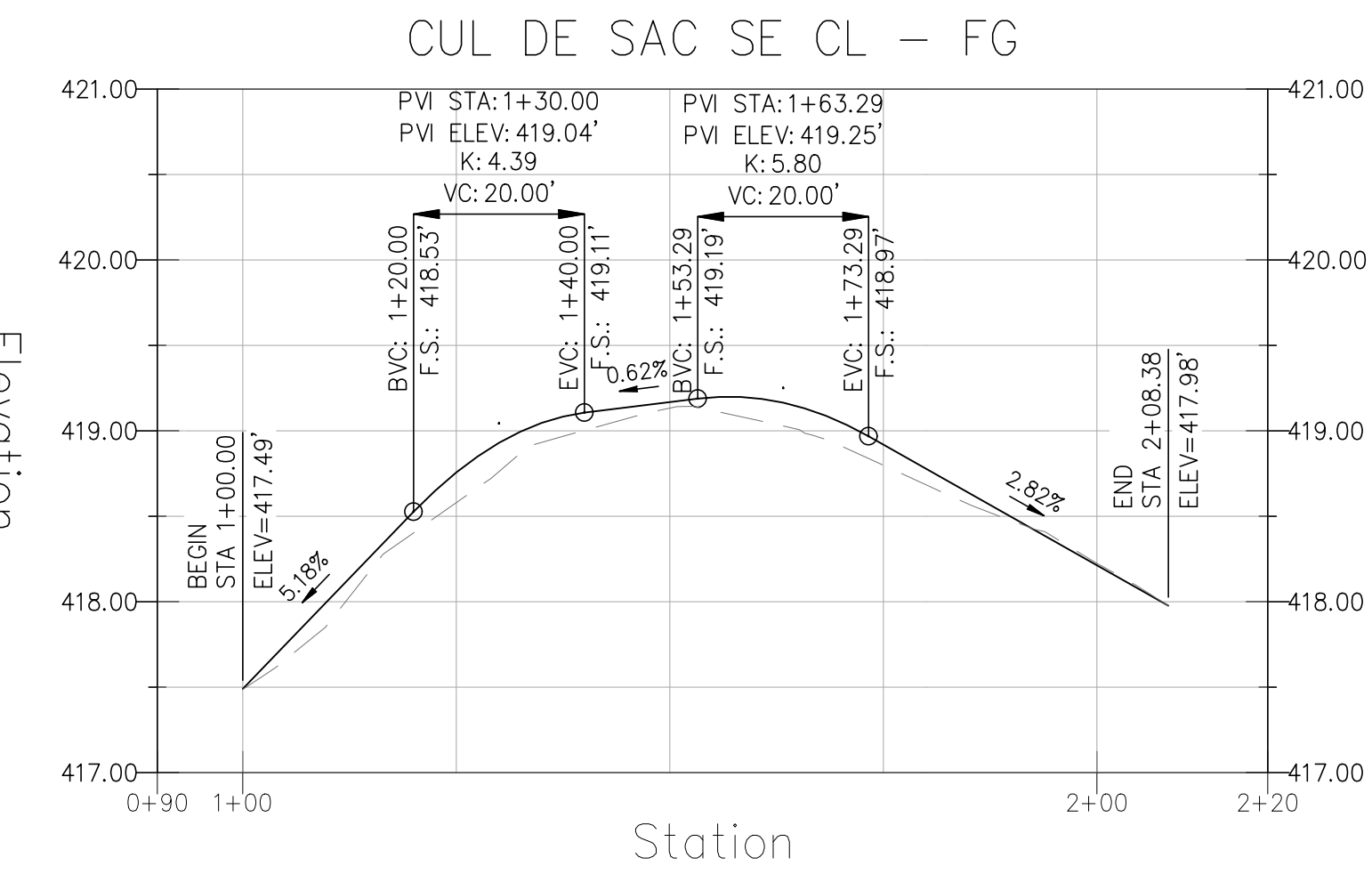
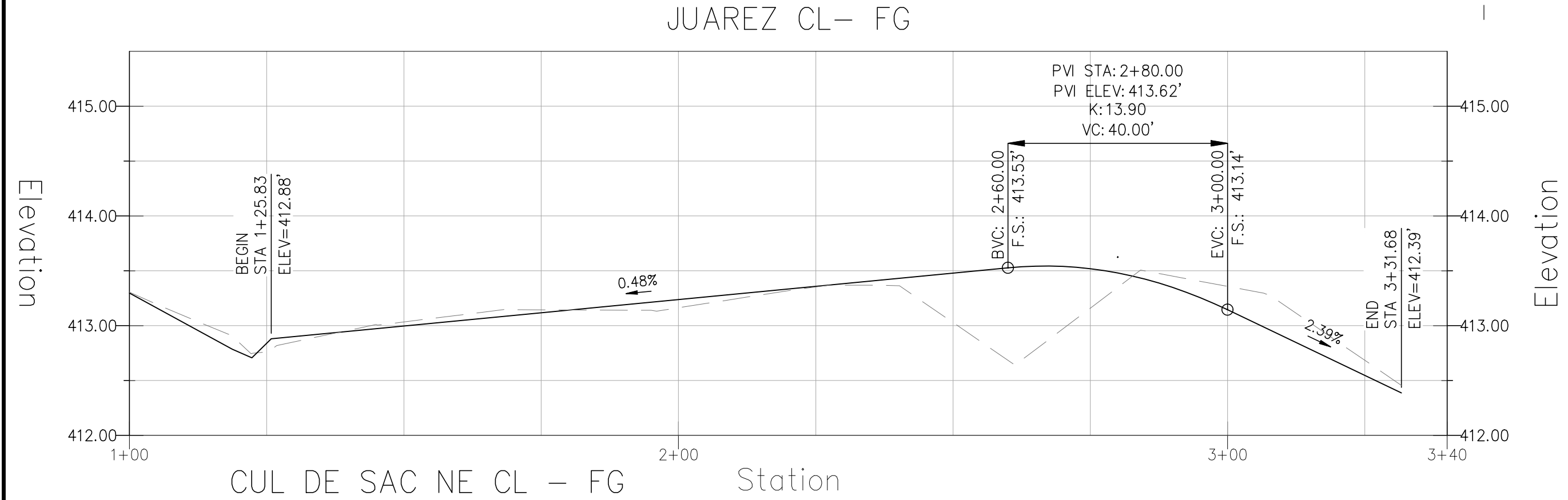
	DATE	RECORD DRAWING		SCALE		 4/24/2025 DATE		PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK, VV	4/29/25	RESIDENT ENGINEER	DATE		EL PORVENIR ROAD IMPROVEMENTS			GUTTER FLOWLINE PLAN AND PROFILE					
DRAWN: VV	4/29/25				ROAD NO. -			BRIDGE NO. -	DRAWING NO. 11344		SHEET NO. 6	TOTAL - 13	
CHECKED: SA	4/29/25												
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.													



DESIGNED: DK, VV		DATE	4/29/25	RECORD DRAWING		DATE	4/29/25	SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: VV		DATE	4/29/25	RESIDENT ENGINEER		DATE	4/29/25	0 50 100		EL PORVENIR ROAD IMPROVEMENTS		ROAD PLAN AND PROFILE (EL PROGRESO AND HIDALGO)	
CHECKED: SA		DATE	4/29/25	SUPERVISING ENGINEER		DATE	4/24/2025	ROAD NO. -		BRIDGE NO. -		DRAWING NO. 11344	
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.												SHEET NO. 7	
												TOTAL - 13	

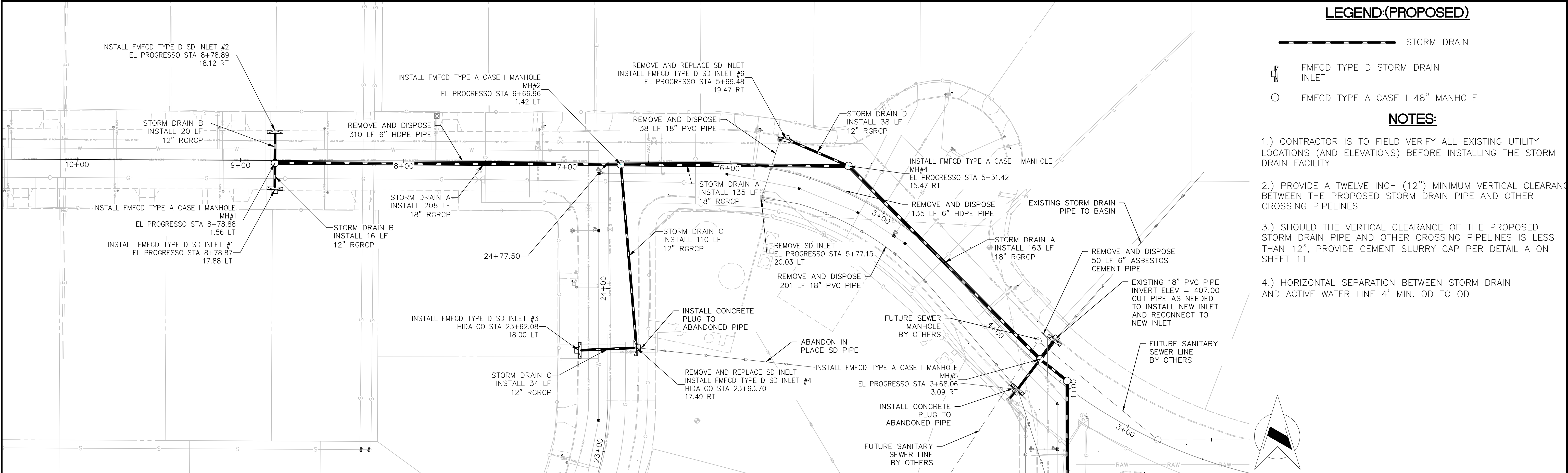


PLAN VIEW
SCALE: HORZ: 1"=50'

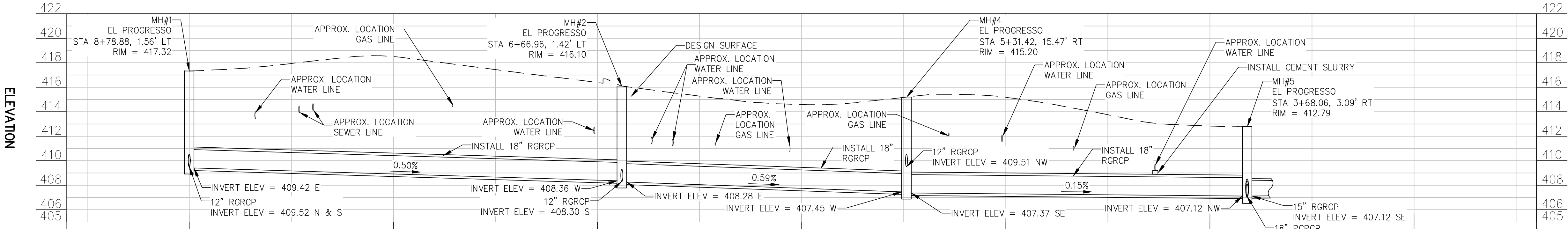


PROFILE VIEW
SCALE: HORZ: 1"=20'
VERT: 1"=1'

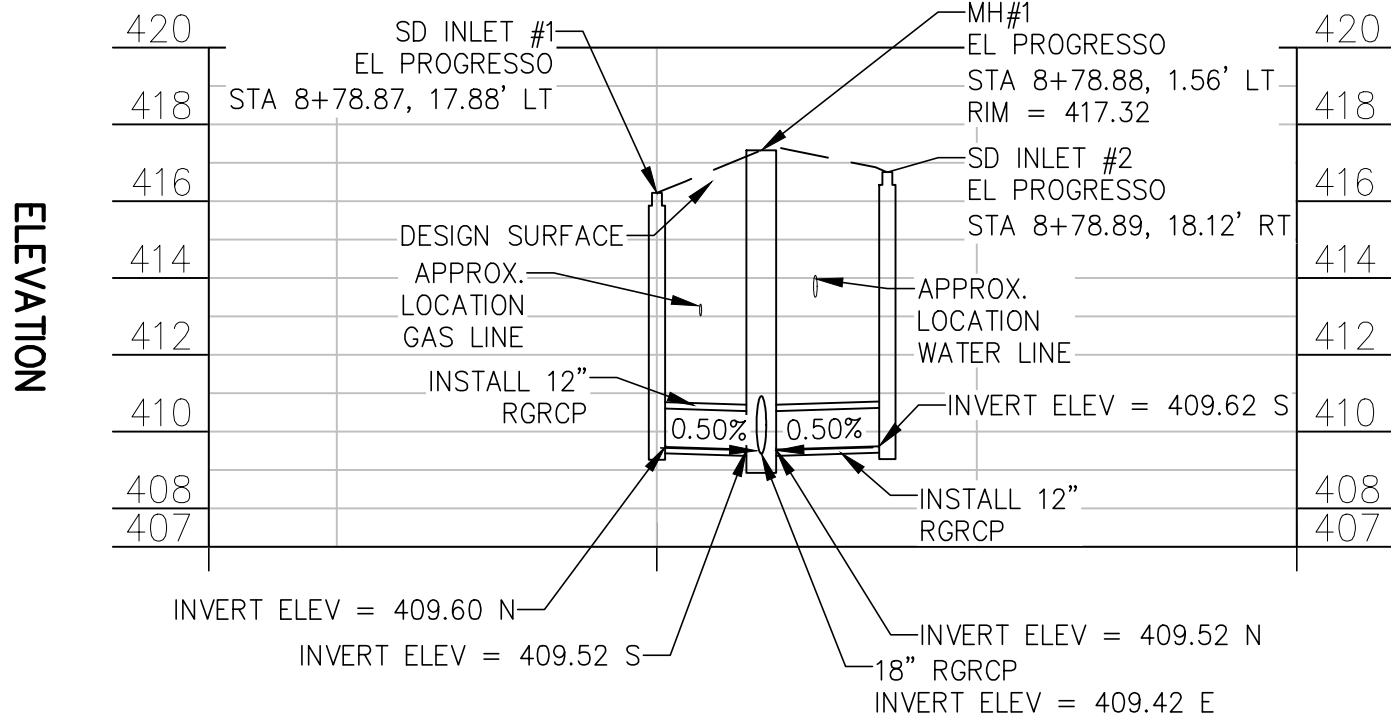
DESIGNED: DK, VV		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: VV		4/29/25	RESIDENT ENGINEER		0 50 100		EL PORVENIR ROAD IMPROVEMENTS		ROAD CUL-DE-SAC PLAN AND PROFILE	
CHECKED: SA		4/29/25					ROAD NO. -		DRAWING NO. 11344	
							BRIDGE NO. -		SHEET NO. 8	
									TOTAL - 13	



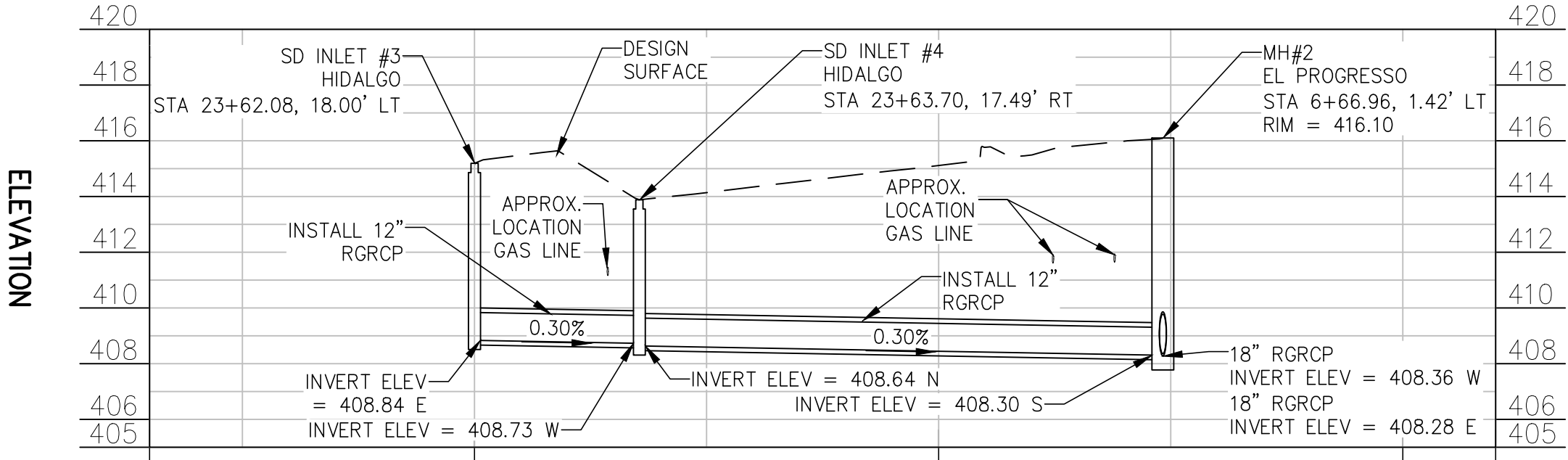
STORMDRAIN A PROFILE



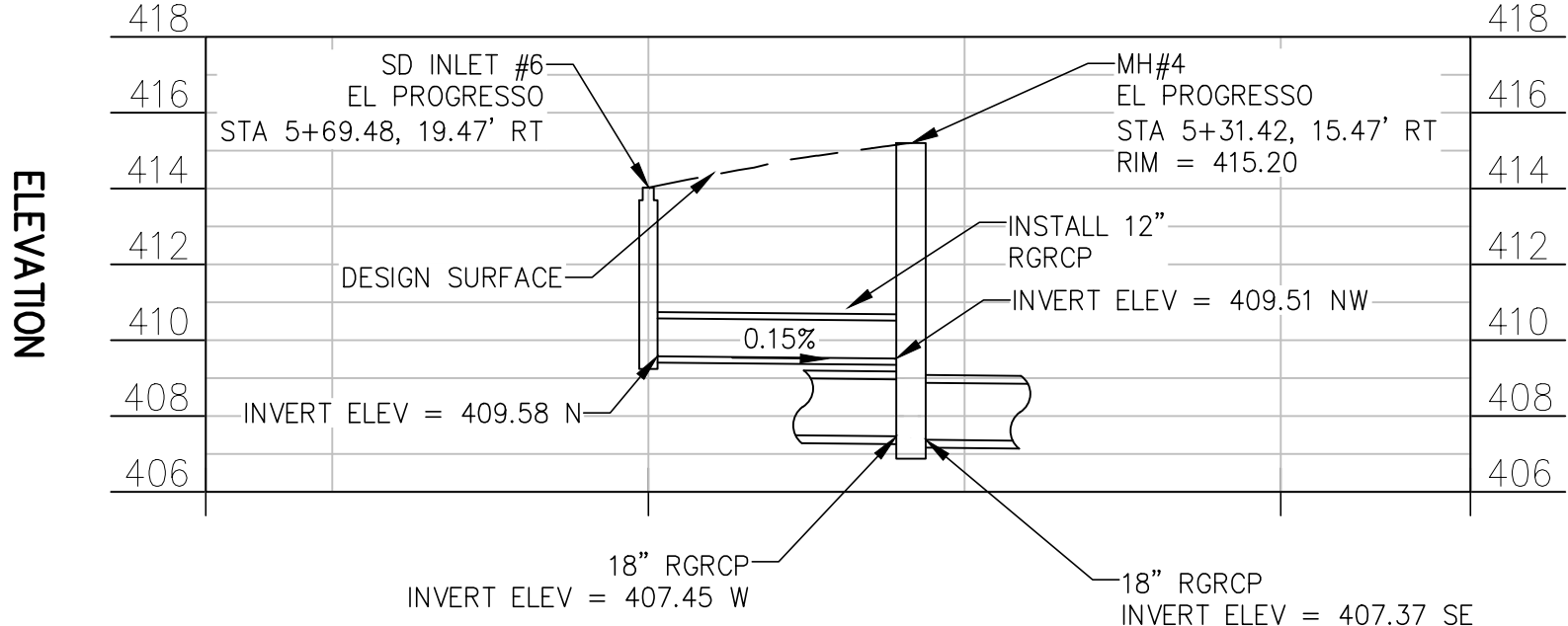
STORMDRAIN B PROFILE

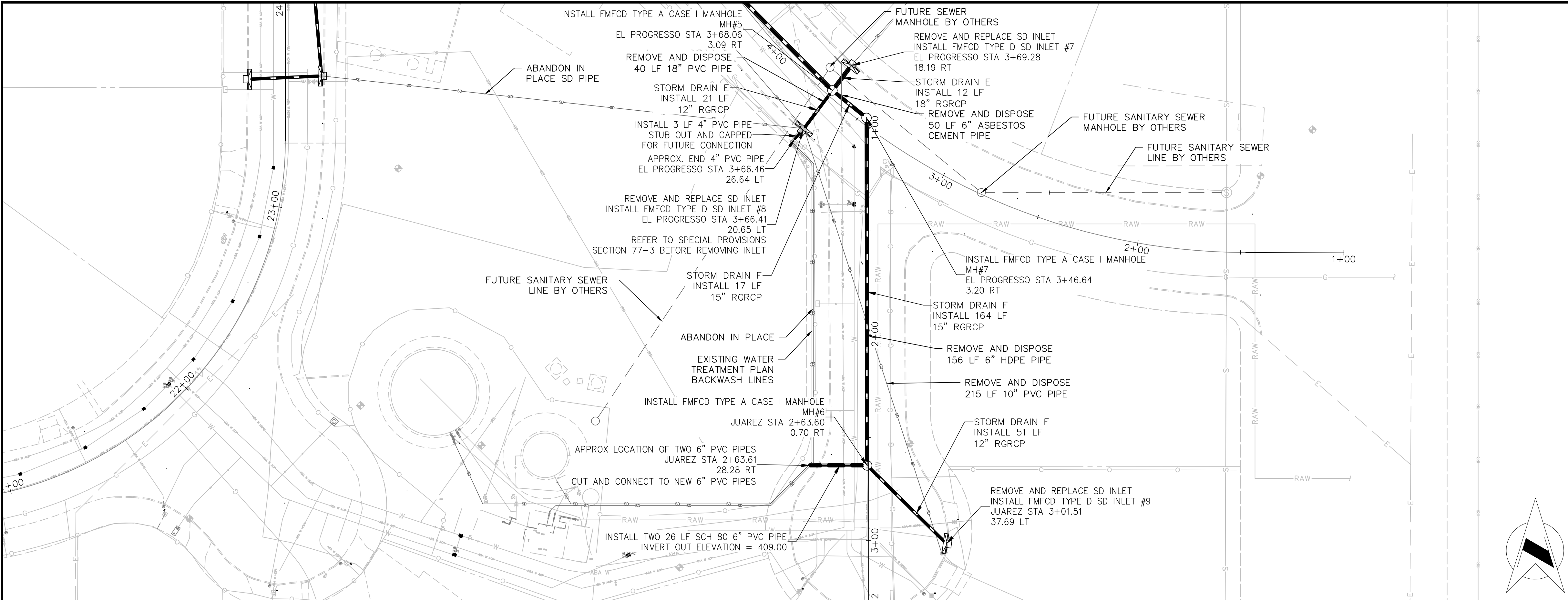


STORMDRAIN C PROFILE



STORMDRAIN D PROFILE



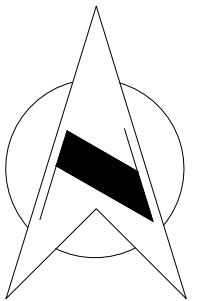


LEGEND:(PROPOSED)

- STORM DRAIN
- FMFCD TYPE D STORM DRAIN INLET
- FMFCD TYPE A CASE I 48" MANHOLE

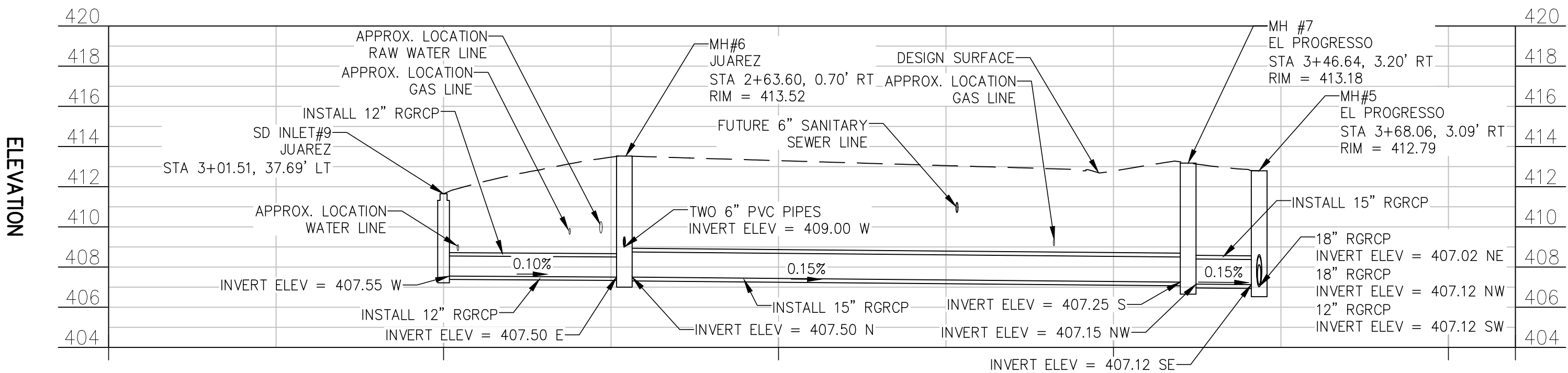
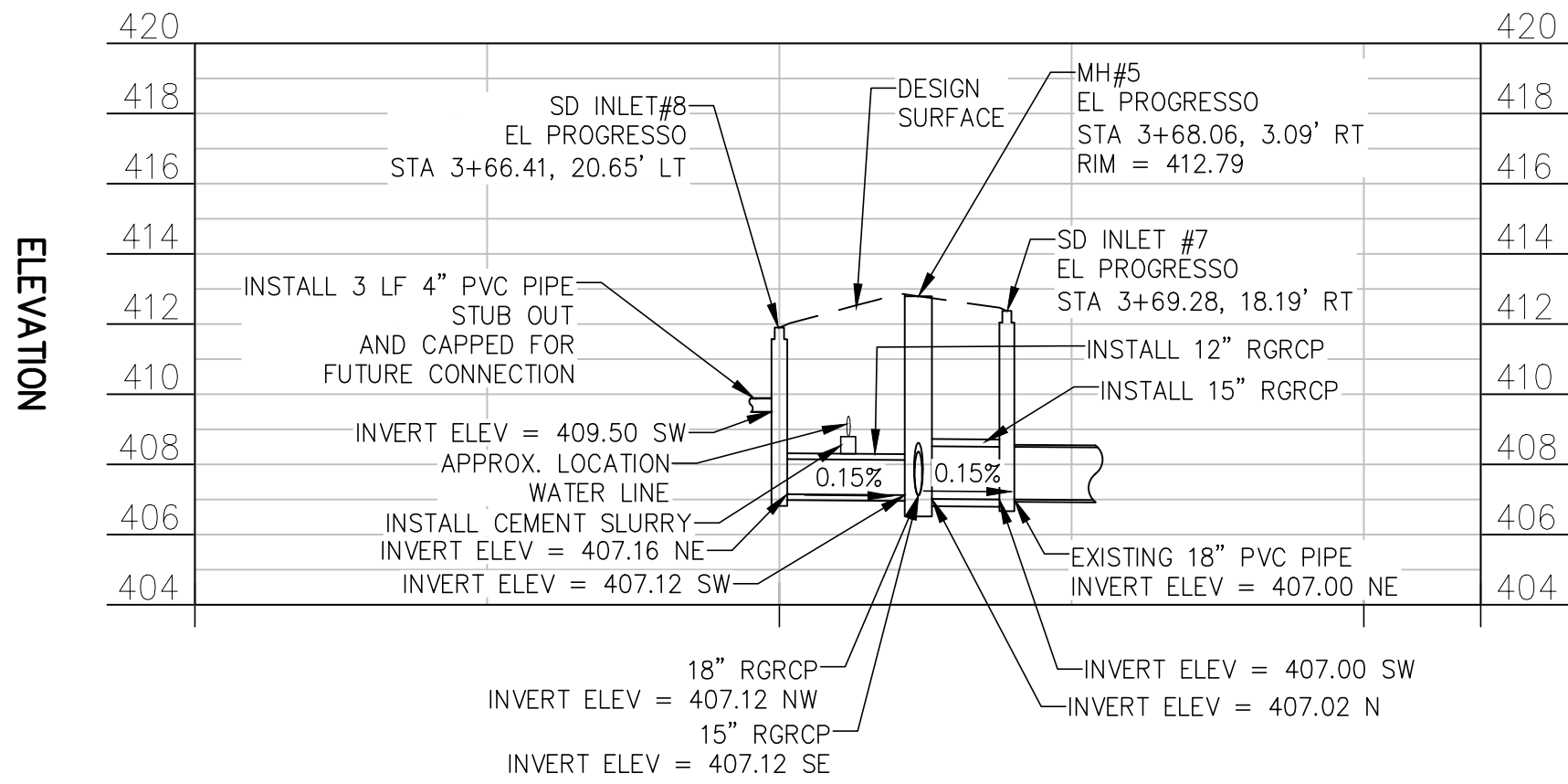
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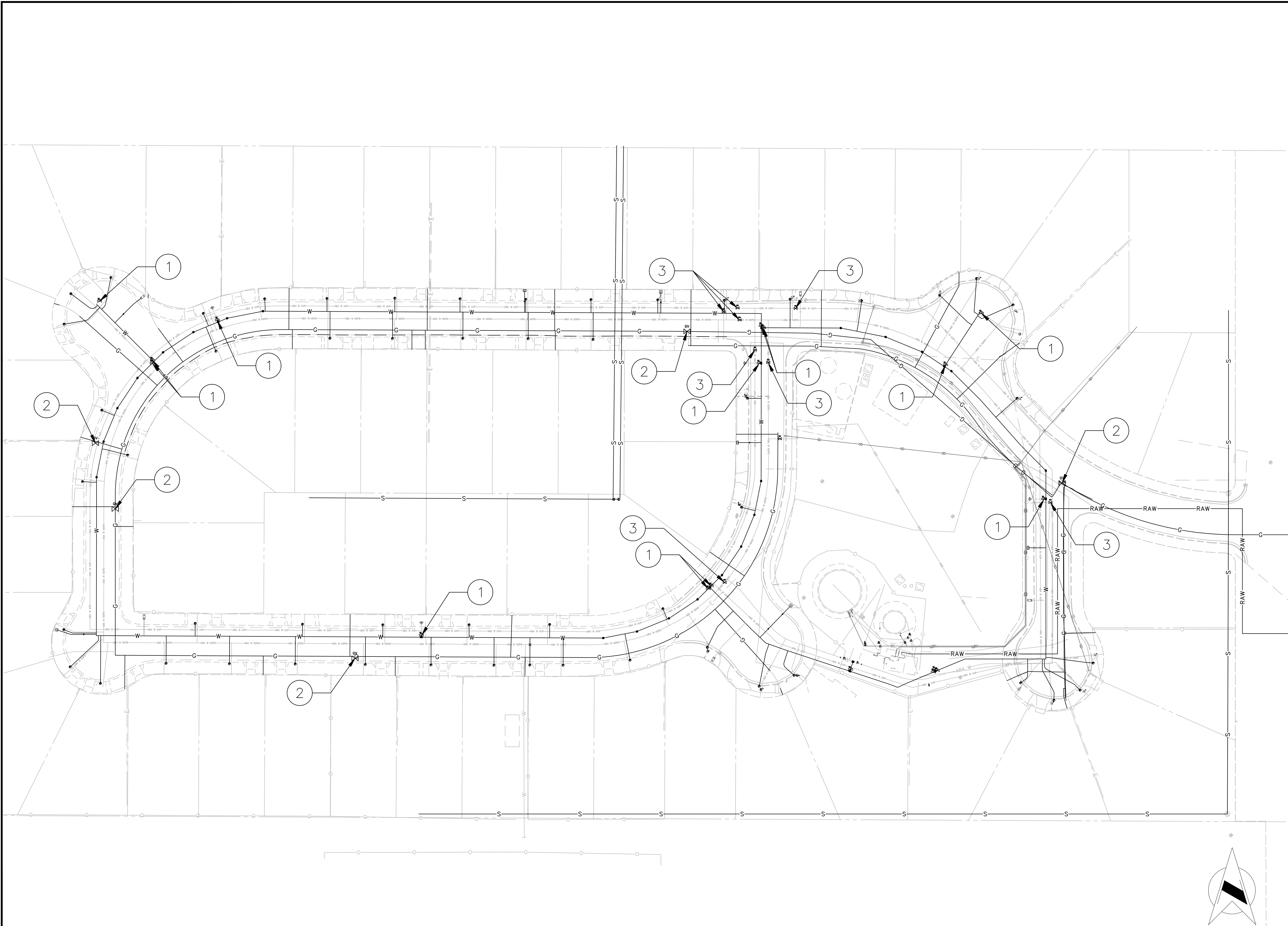
- 1.) CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS (AND ELEVATIONS) BEFORE INSTALLING THE STORM DRAIN FACILITY
- 2.) PROVIDE A TWELVE INCH (12") MINIMUM VERTICAL CLEARAN BETWEEN THE PROPOSED STORM DRAIN PIPE AND OTHER CROSSING PIPELINES
- 3.) SHOULD THE VERTICAL CLEARANCE OF THE PROPOSED STORM DRAIN PIPE AND OTHER CROSSING PIPELINES IS LESS THAN 12", PROVIDE CEMENT SLURRY CAP PER DETAIL A ON SHEET 11
- 4.) HORIZONTAL SEPARATION BETWEEN STORM DRAIN AND ACTIVE WATER LINE 4' MIN. OD TO OD



STORMDRAIN E PROFILE

STORMDRAIN F PROFILE





LINE TYPE LEGEND (EXISTING)

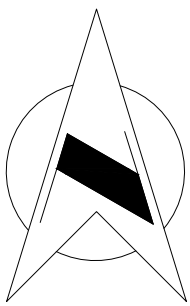
	CHAIN LINK FENCE
	PROPERTY LINE
	RIGHT OF WAY
	WATER LINES
	WATER LINES HDPE ABANDONED
	WATER LINES ASBESTOS CONCRETE ABANDONED
	RAW WATER LINES
	IRRIGATION LINE
	STORM DRAIN
	SEWER LINE
	GAS LINE
	OVERHEAD CABLE TELECOM
	OVERHEAD ELECTRIC
	OVERHEAD TELEPHONE

SYMBOL LEGEND (EXISTING)

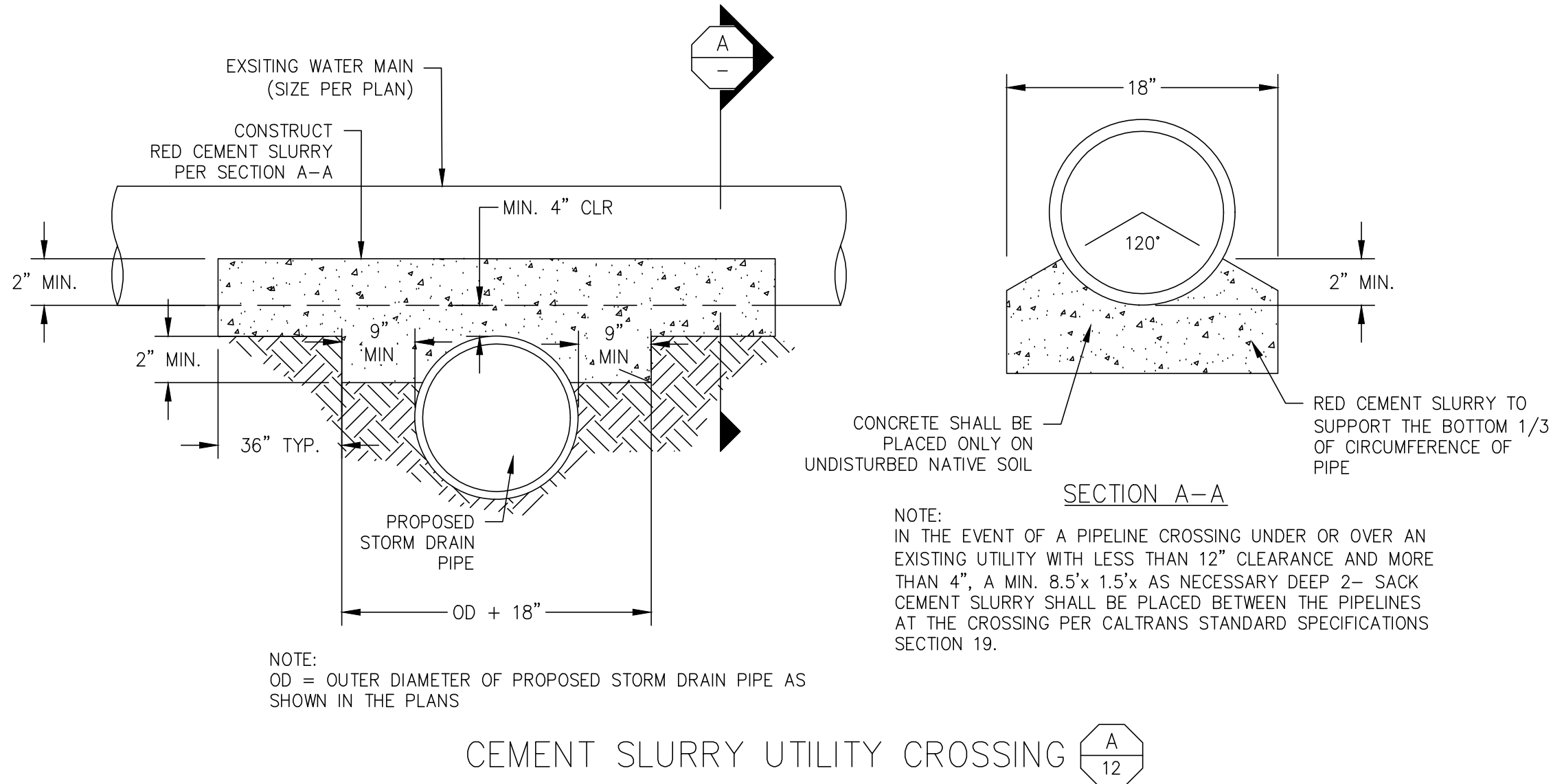
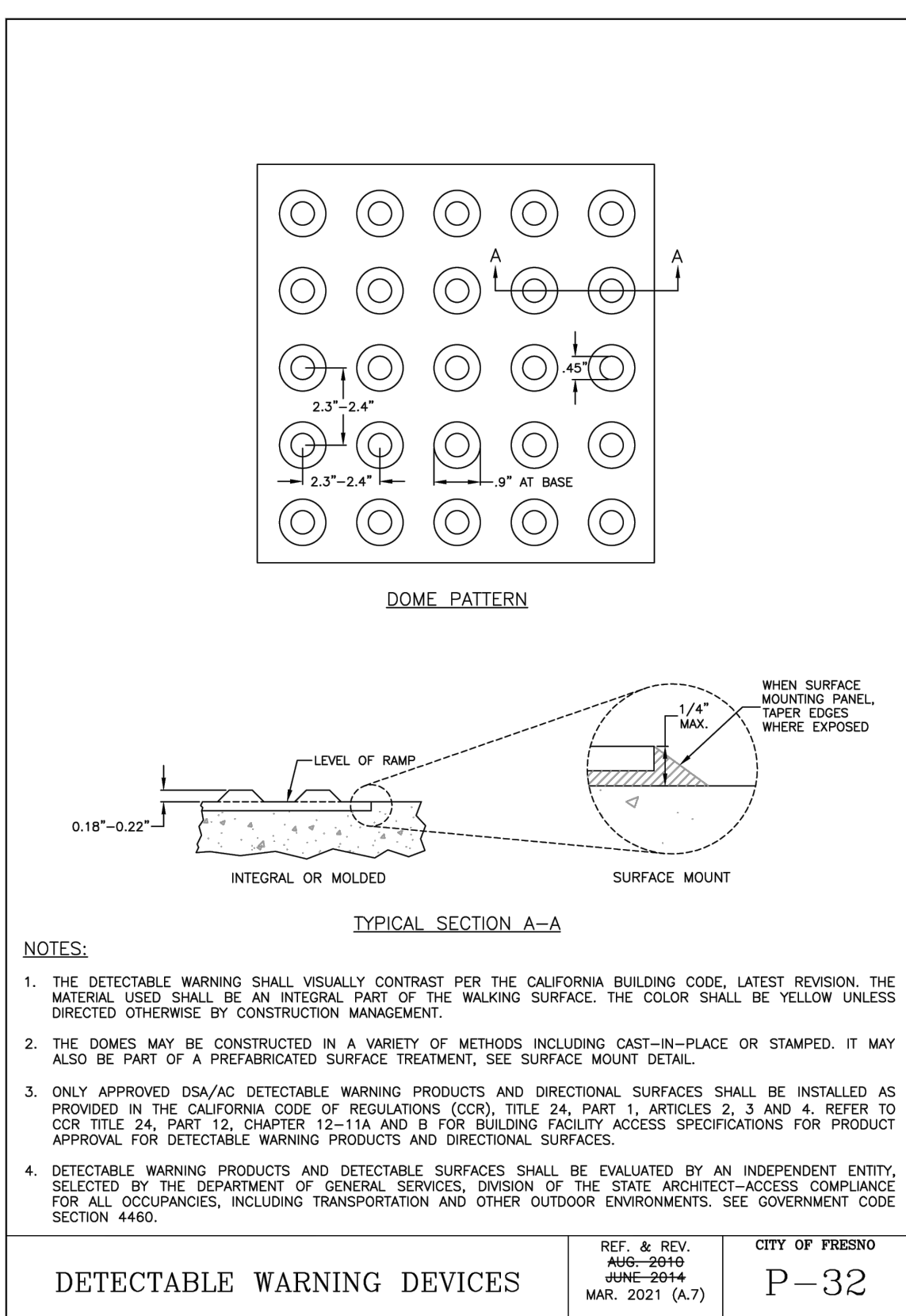
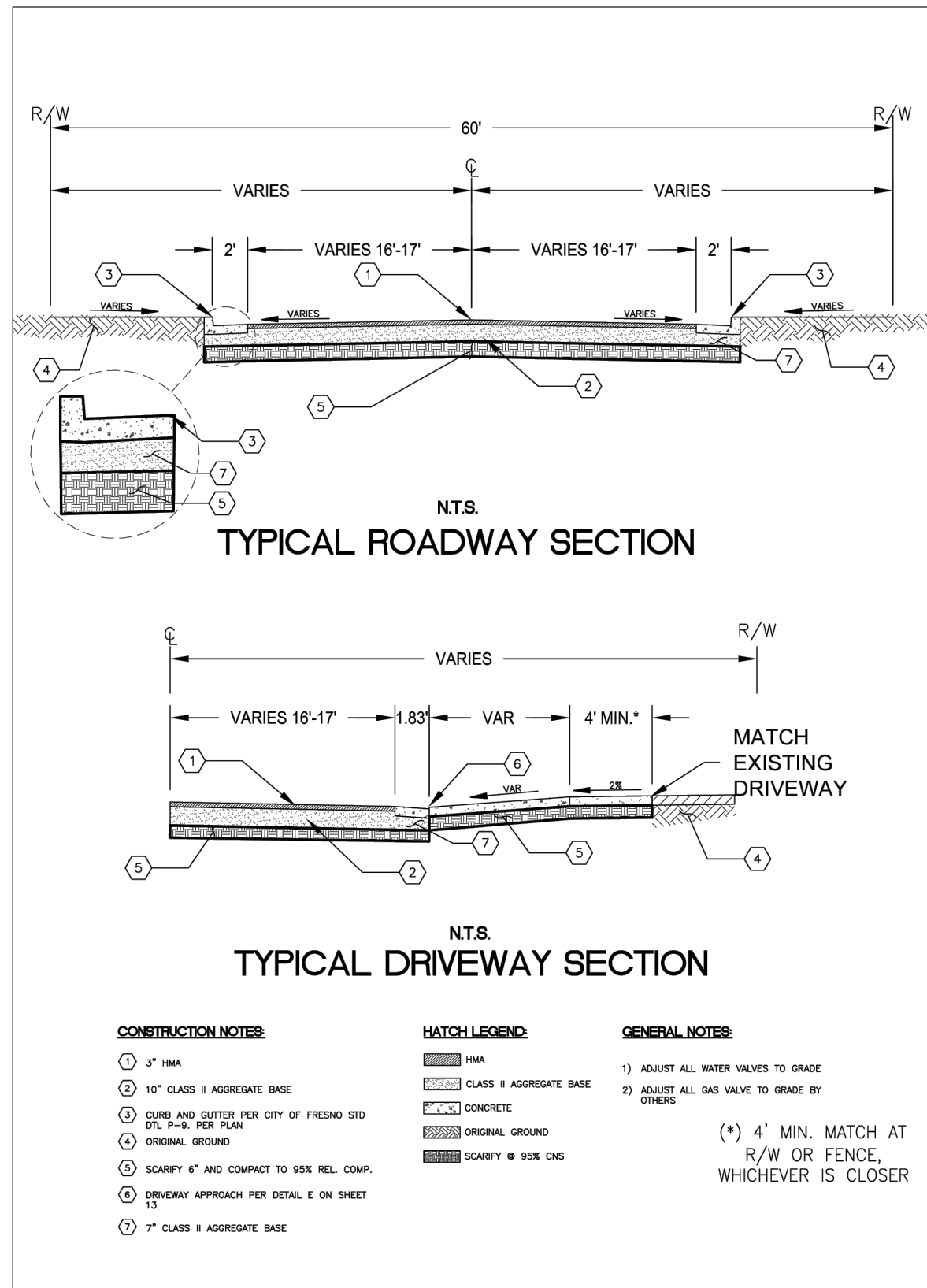
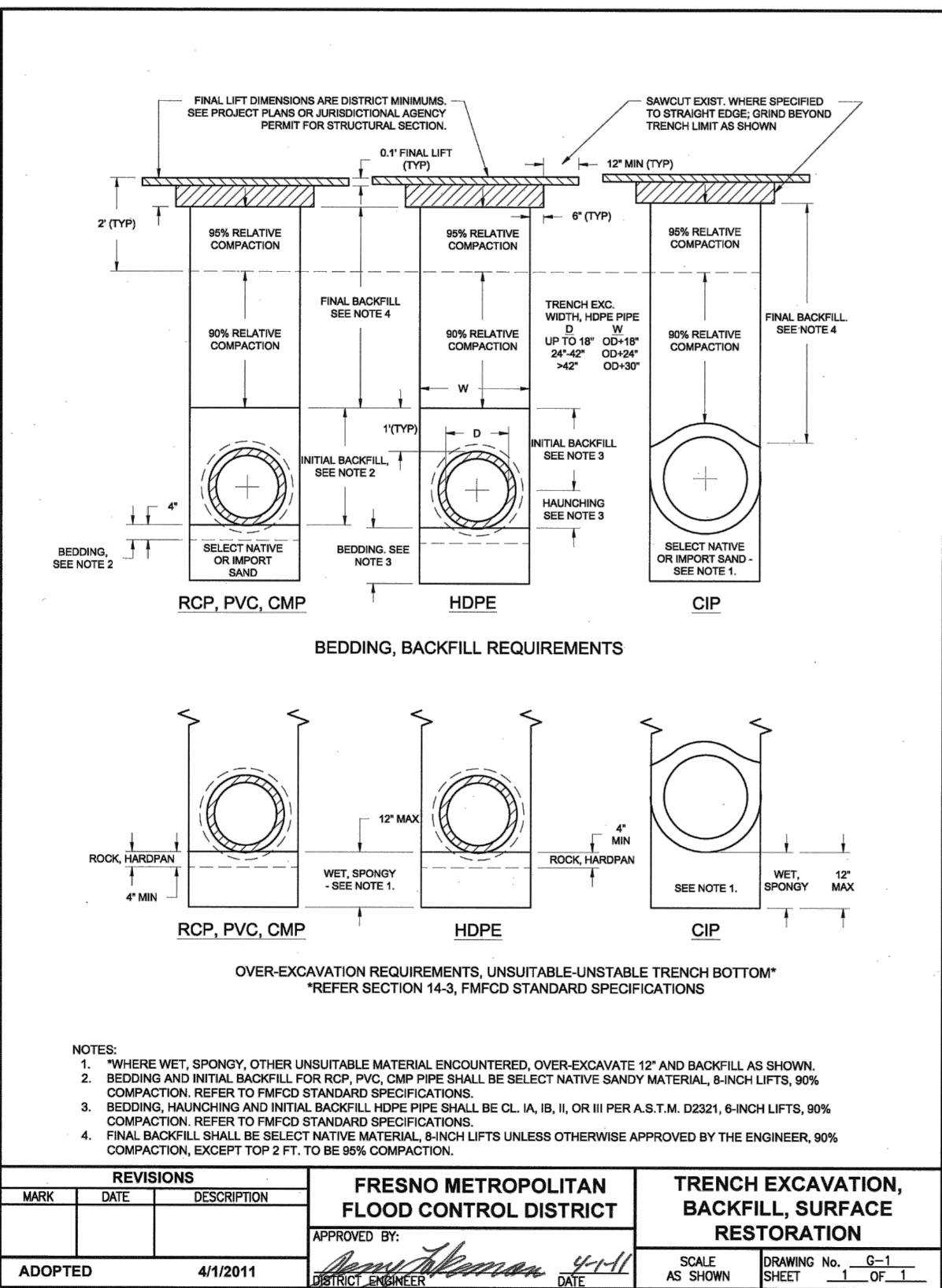
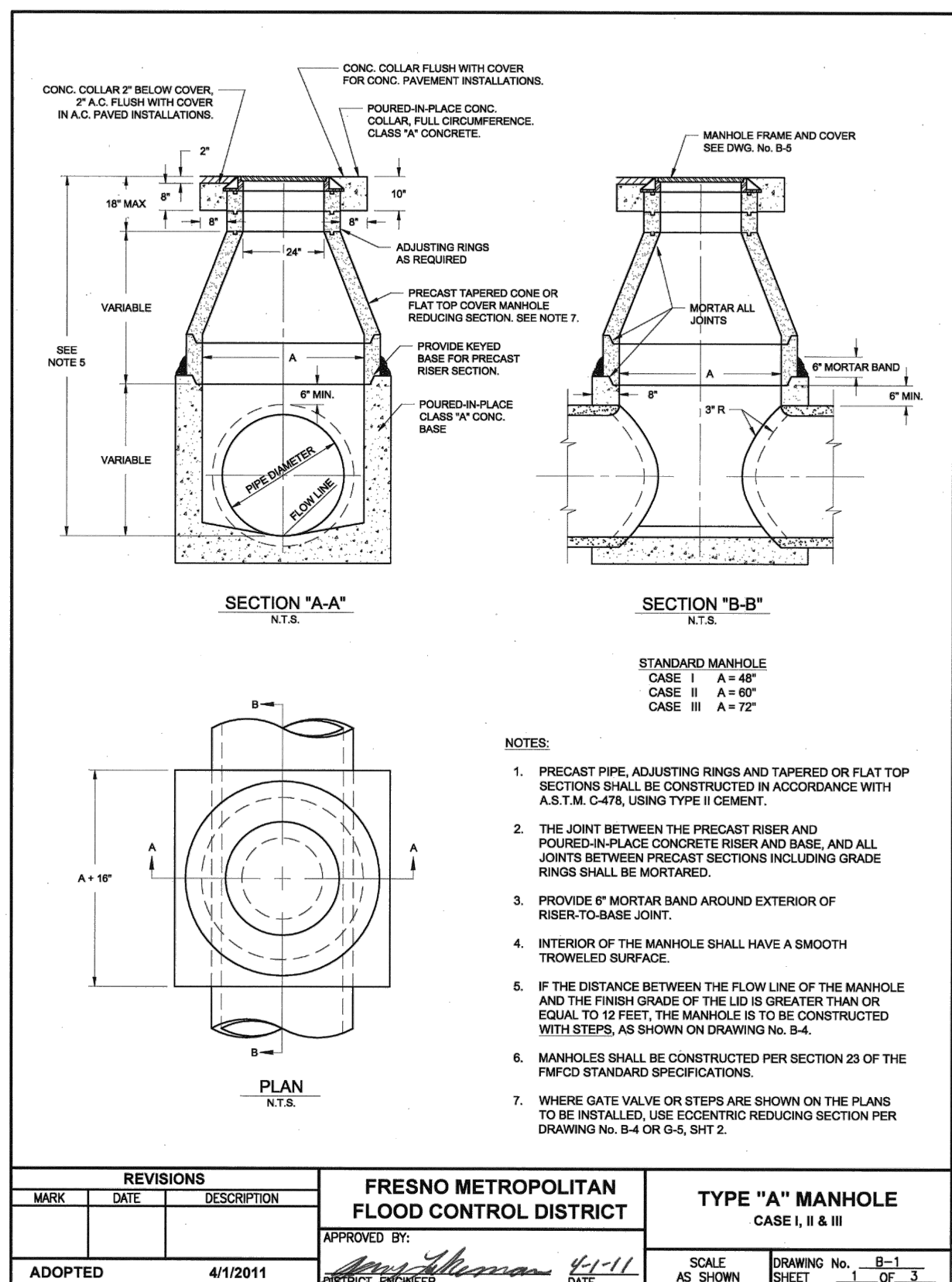
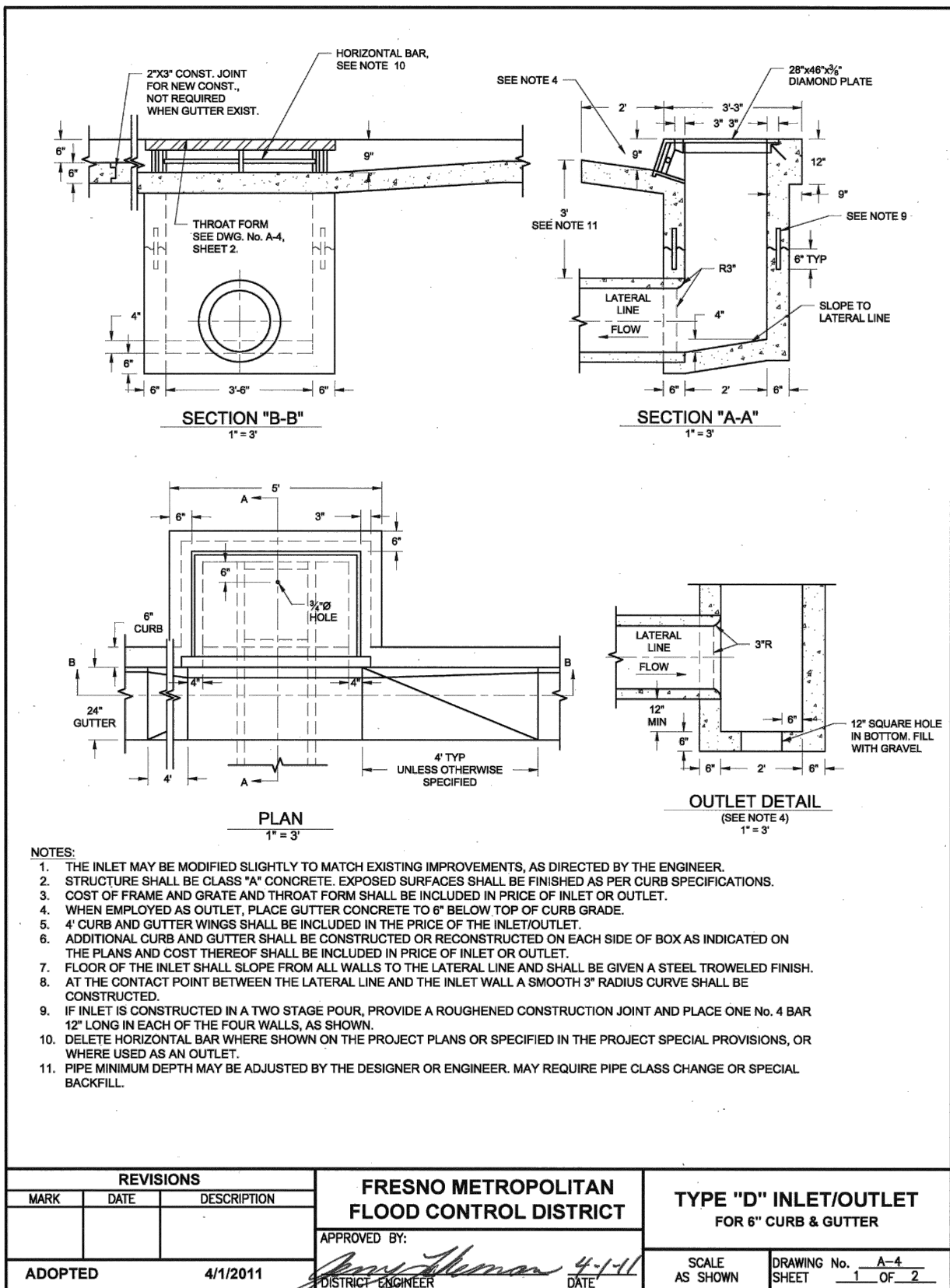
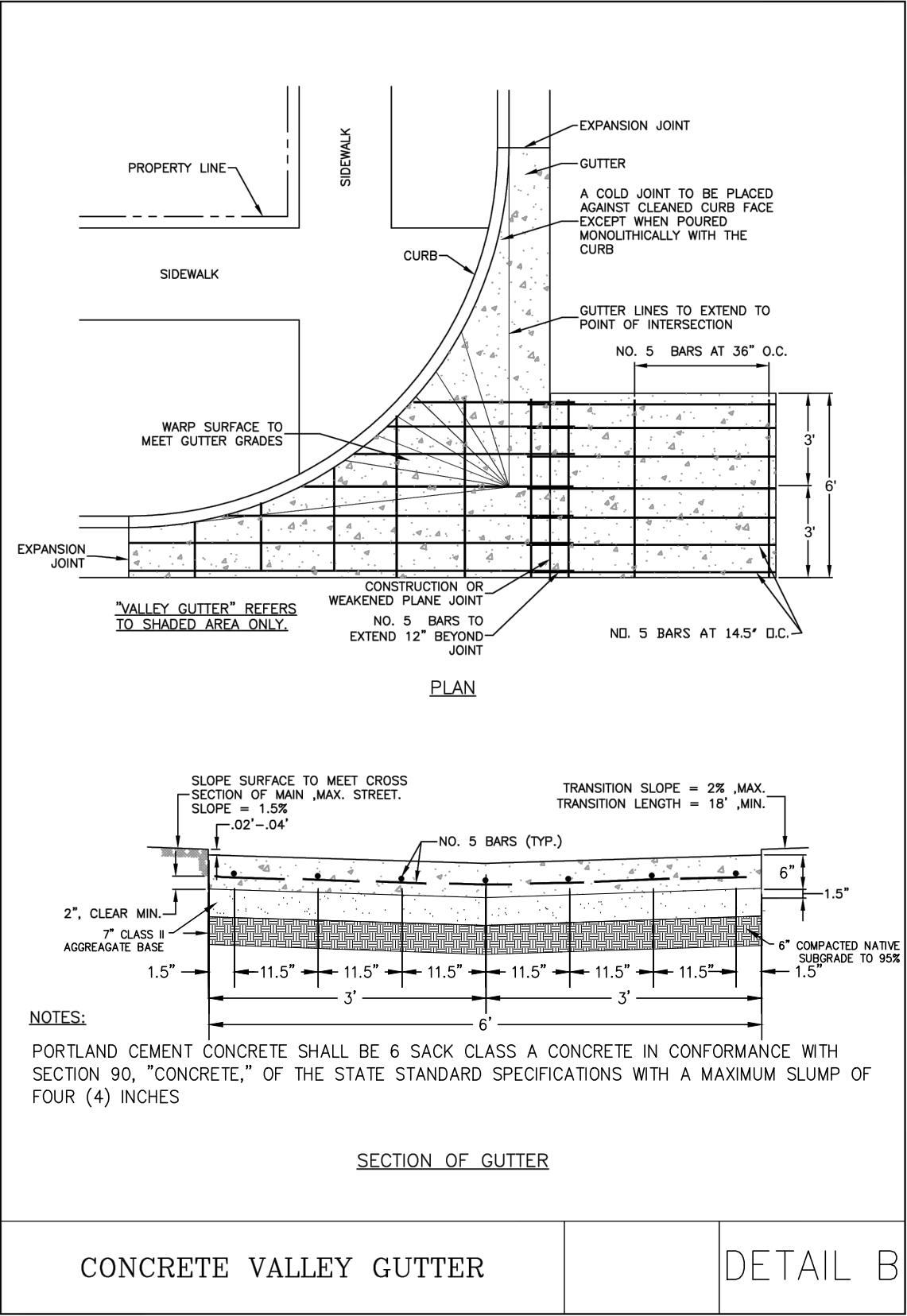
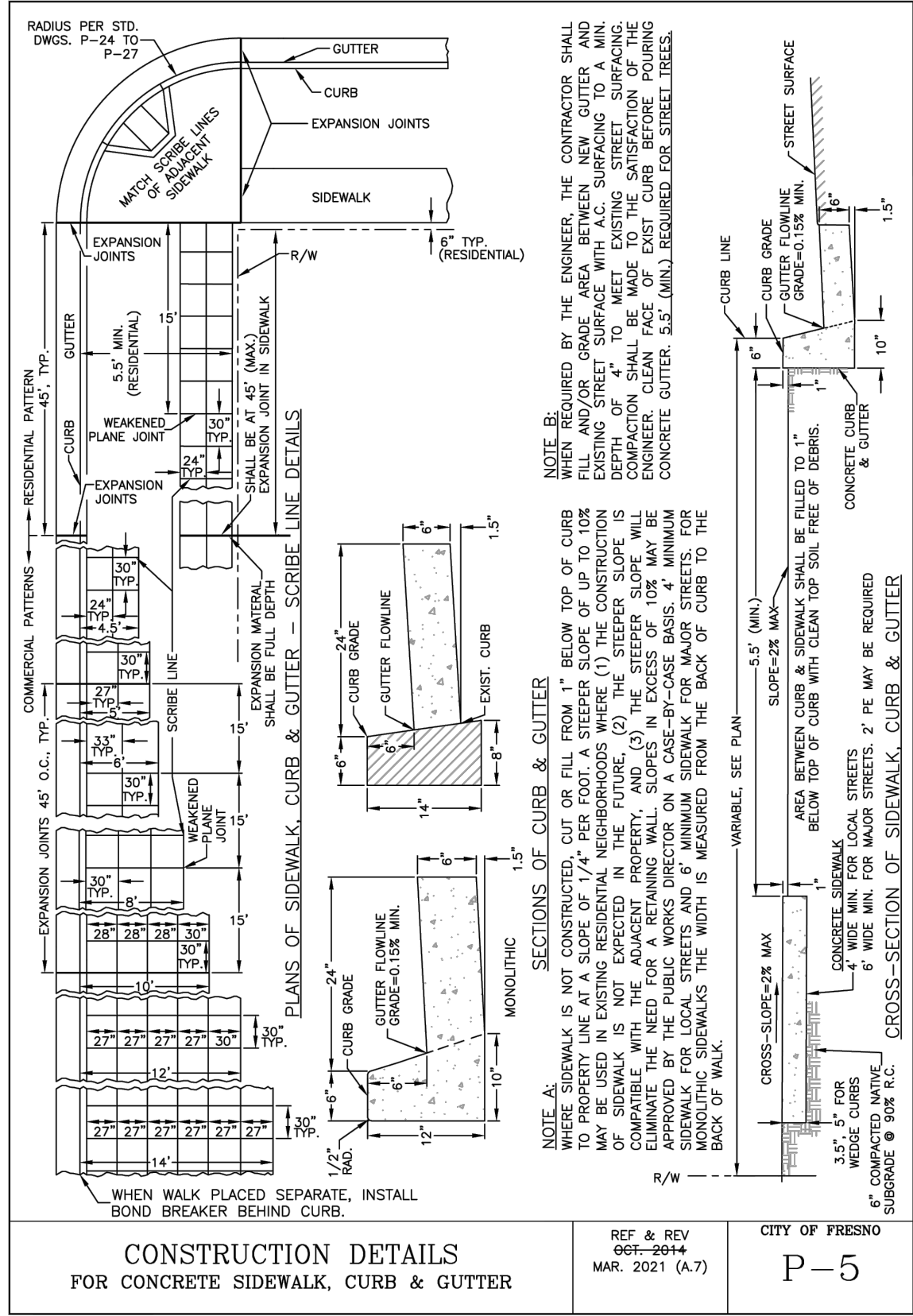
	STORM DRAIN MANHOLE
	STORM DRAIN INLET
	WATER MANHOLE
	FIRE HYDRANT
	WATER METER
	WATER VALVE
	SEWER MANHOLE
	GAS VALVE
	WATER METER ABANDONED
	WATER VALVE ABANDONED

UTILITY NOTES

- 1 ADJUST WATER VALVE TO GRADE
- 2 ADJUST GAS VALVE TO GRADE BY OTHER
- 3 ABANDONED WATER VALVE REFER TO DETAIL A ON SHEET 13 FOR REFERENCE TO SHOW HOW VALVES WERE ABANDONED



		DATE	RECORD DRAWING		SCALE		 4/24/2025 DATE				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK, VV		4/29/25	RESIDENT ENGINEER		0 50 100						EL PORVENIR ROAD IMPROVEMENTS				EXISTING UTILITIES PLAN		
DRAWN: VV		4/29/25															
CHECKED: SA		4/29/25															
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																	



DESIGNED: DK, VV	DATE: 4/29/25	RECORD DRAWING	SCALE
DRAWN: VV	4/29/25	RESIDENT ENGINEER	
CHECKED: SA	4/29/25		

SUPERVISING ENGINEER

DATE: 4/24/2025



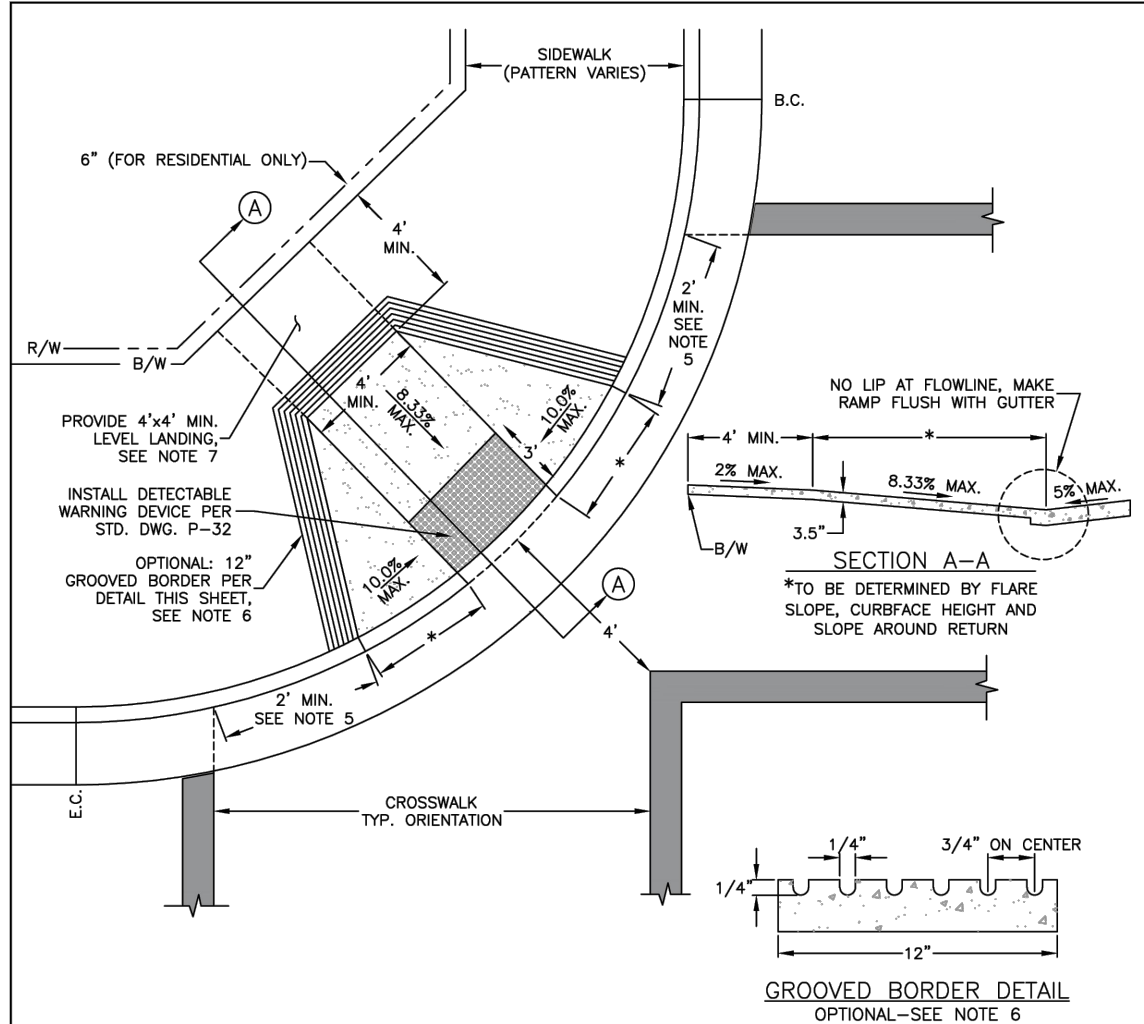
PROJECT: EL PORVENIR ROAD IMPROVEMENTS



DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. 11344 SHEET NO. 12 TOTAL - 13



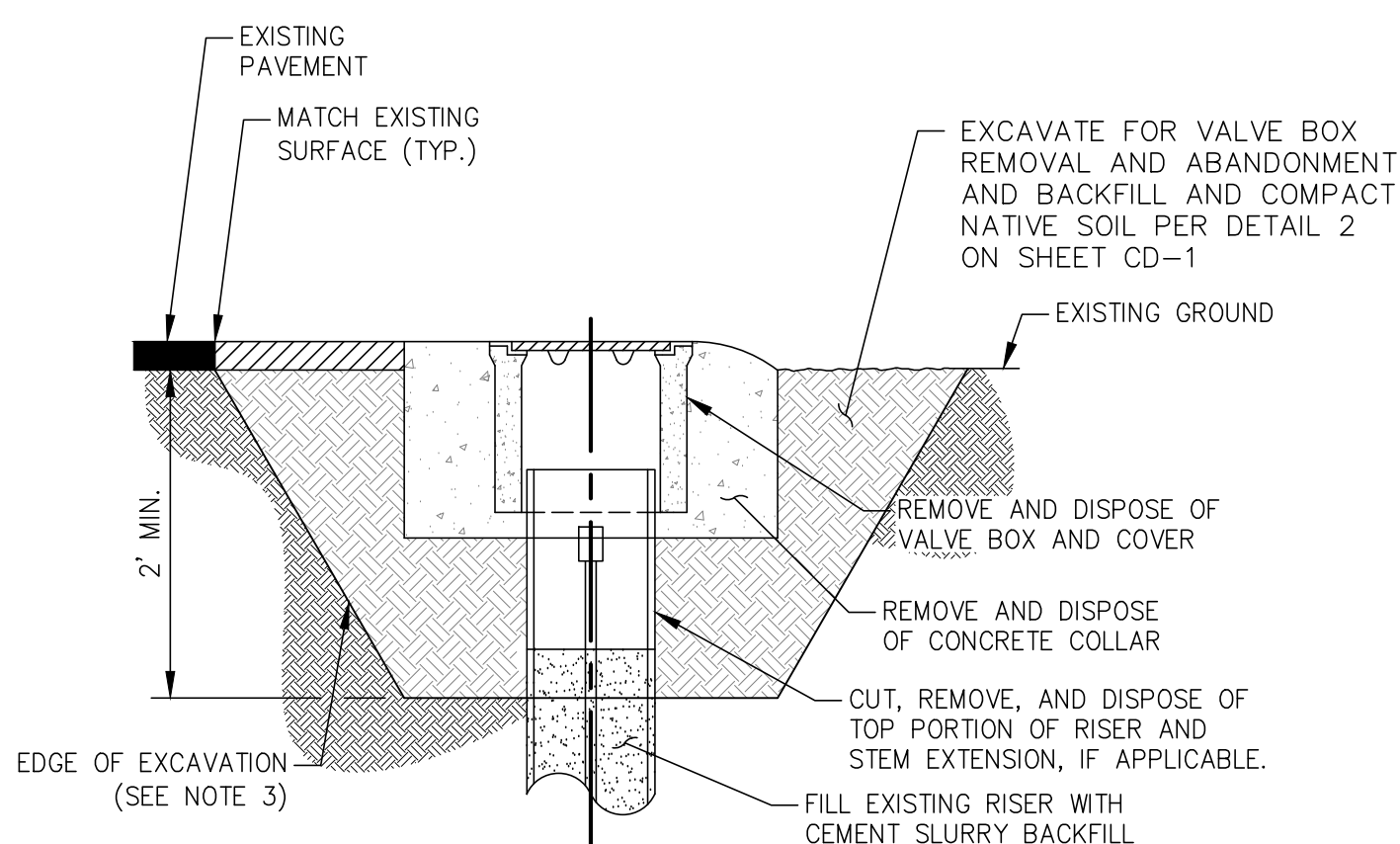
NOTES:

- TRANSITIONS FROM RAMPS AND LANDING TO WALK, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.
- SURFACE OF CURB RAMP AND FLARED SIDES SHALL HAVE A MEDIUM BROOM FINISH TRANSVERSE TO PATH OF TRAVEL AND SHALL BE OF CONTRASTING FINISH TO THAT OF ADJACENT SIDEWALK.
- RAMP SLOPE SHALL NEVER EXCEED 8.33% AND THE FLARED SIDES SHALL NOT EXCEED 10%.
- THE SLOPE OF ADJOINING GUTTERS, ROAD SURFACE OR ACCESSIBLE ROUTE WITHIN 4' OF THE BOTTOM OF THE RAMP SHALL NOT EXCEED 5% SLOPE.
- THERE SHALL BE A SEGMENT OF STRAIGHT CURB, AT LEAST 2.0' FEET LONG, ON EACH SIDE OF THE CURB RAMP, AS MEASURED FROM WITHIN THE MARKED CROSSWALK.
- (OPTIONAL) PROVIDE A 12" WIDE, GROOVED, BORDER AT THE LEVEL SURFACE OF THE SIDEWALK ALONG THE TOP OF THE RAMP AND EACH FLARE. GROOVES SHALL BE APPROX. 1/4" DEEP, 1/4" WIDE AND SPACED 3/4" ON CENTER.
- PROVIDE A MINIMUM 4" DEEP LEVEL LANDING ON UPPER END AND OVER FULL WIDTH OF RAMP. MAINTAIN A 2% MAX. SLOPE, ANY DIRECTION.
- THE 4" CLEAR SPACE AT BOTTOM OF RAMP SHALL BE WITHIN THE MARKED CROSSINGS.
- RAMP SHALL BE MINIMUM OF 4' WIDE AND SHALL LIE GENERALLY IN A SINGLE SLOPED PLANE WITH A MINIMUM OF SURFACE WARPING AND CROSS SLOPE.
- CURB RAMPS SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED CARS.

DIAGONAL CURB RAMP
(USE ONLY WHEN NECESSARY)

REF. & REV.
MAR. 2021 (A.7)

CITY OF FRESNO
P-28



NOTES:

- CONCRETE PLUG SHALL BE PER SPECIFICATIONS.
- PLUG THICKNESS SHALL BE MINIMUM 2X DIAMETER OF ABANDONED PIPE.
- EDGE OF EXCAVATION SHOWN FOR ILLUSTRATION PURPOSES ONLY, TRENCH WIDTH MAY VARY.

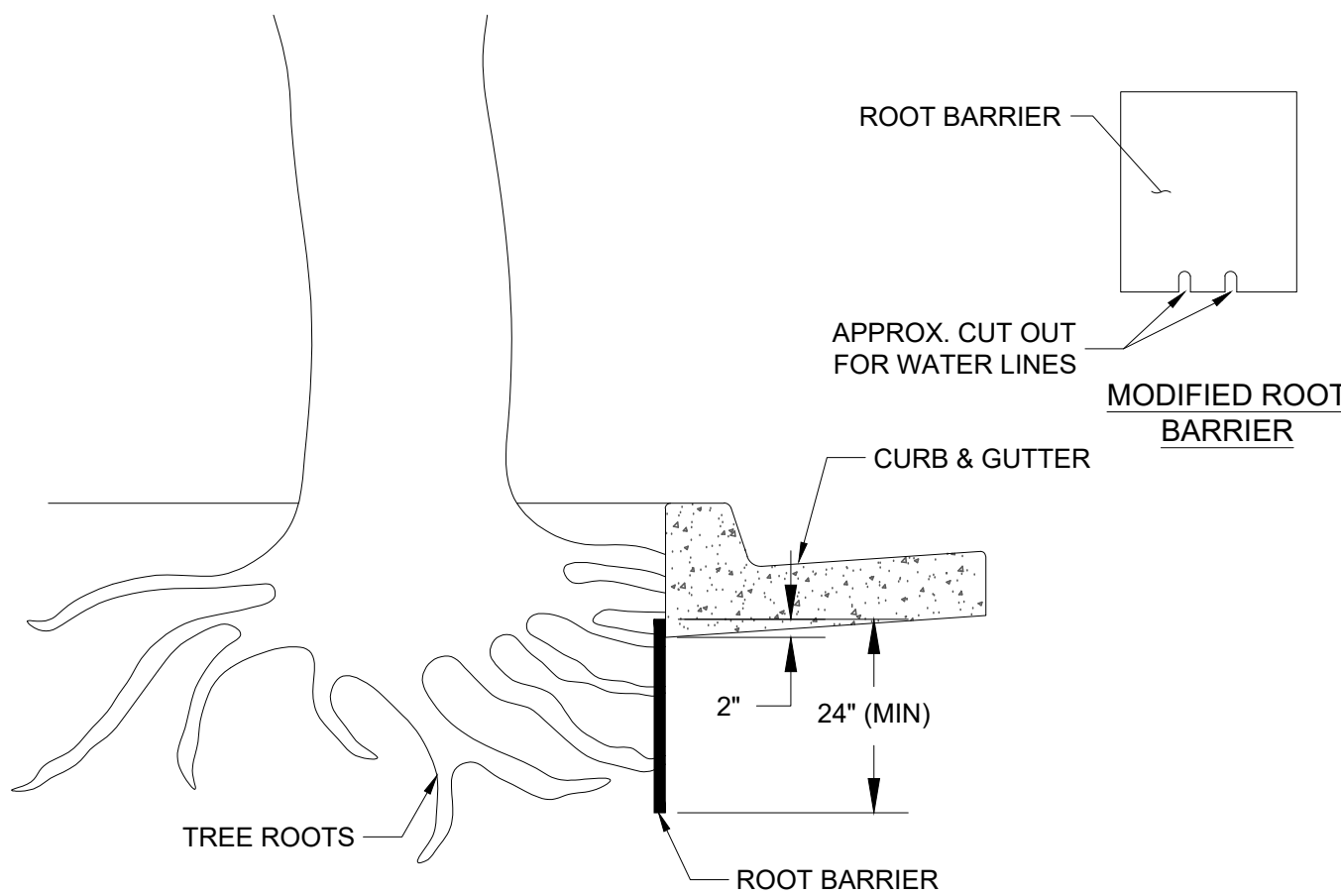
A
13

ABANDONED WATER VALVE BOX DETAIL
FOR REFERENCE ONLY

C
13

SAWCUT MONOLITHIC
DRIVEWAY APPROACH

NOTE: SAW CUTTING EXISTING MONOLITHIC CONCRETE DRIVEWAYS SHALL BE INCLUDED IN THE COST OF CURB AND GUTTER REMOVAL BID ITEM



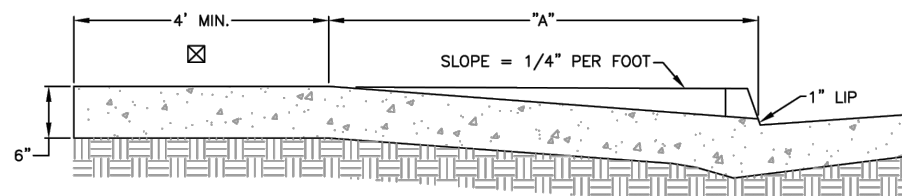
NOTES:

- LENGTH OF TREE ROOT SHIELD IS 12 LINEAR FEET, PARALLEL TO THE CURB, CENTERED AT TREE
- INSTALL ROOT BARRIER ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS
- IF A WATER METER IS ENCOUNTERED, CUT INTO ROOT BARRIER FOR LINES TO RUN THROUGH (DETAIL IS ONLY SHOWN FOR APPROXIMATE IDEA NOT FOR ACTUAL DIMENSIONS)

D
13

ROOT BARRIER DETAIL

☐ = DENOTES UNOBSTRUCTED ON-SITE PEDESTRIAN LANDING AREA REQUIRED IN ACCORDANCE WITH A.D.A. A PUBLIC PEDESTRIAN EASEMENT SHALL BE DEDICATED IF 4' SIDEWALK EXTENDS INTO PRIVATE PROPERTY.

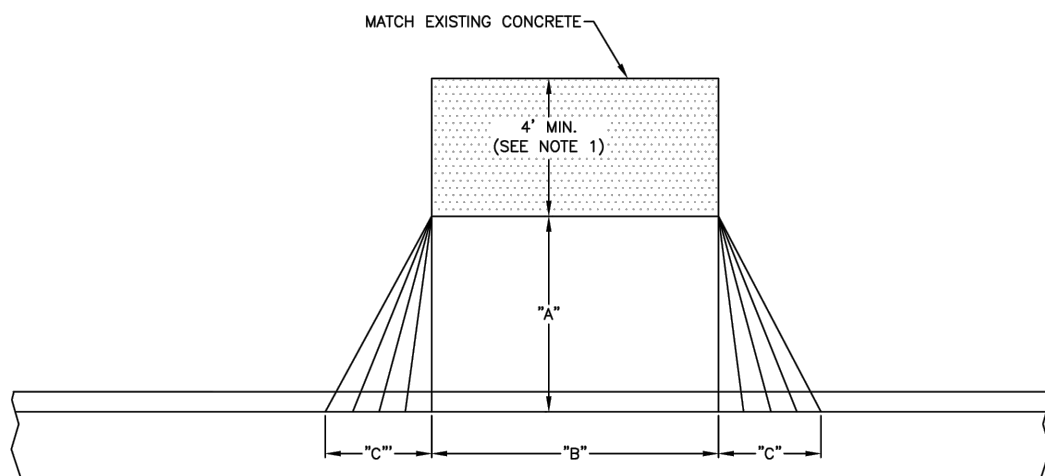


"A" = AS NECESSARY TO MATCH PEDESTRIAN LANDING AREA

"B" = MATCH EXISTING

"C" = 3' TYP.

6" COMPACTED NATIVE SUBGRADE (CNS) AT 95% RELATIVE COMPACTION (R.C.)



PEDESTRIAN LANDING AREA, ALSO SEE NOTE 1.

NOTES:

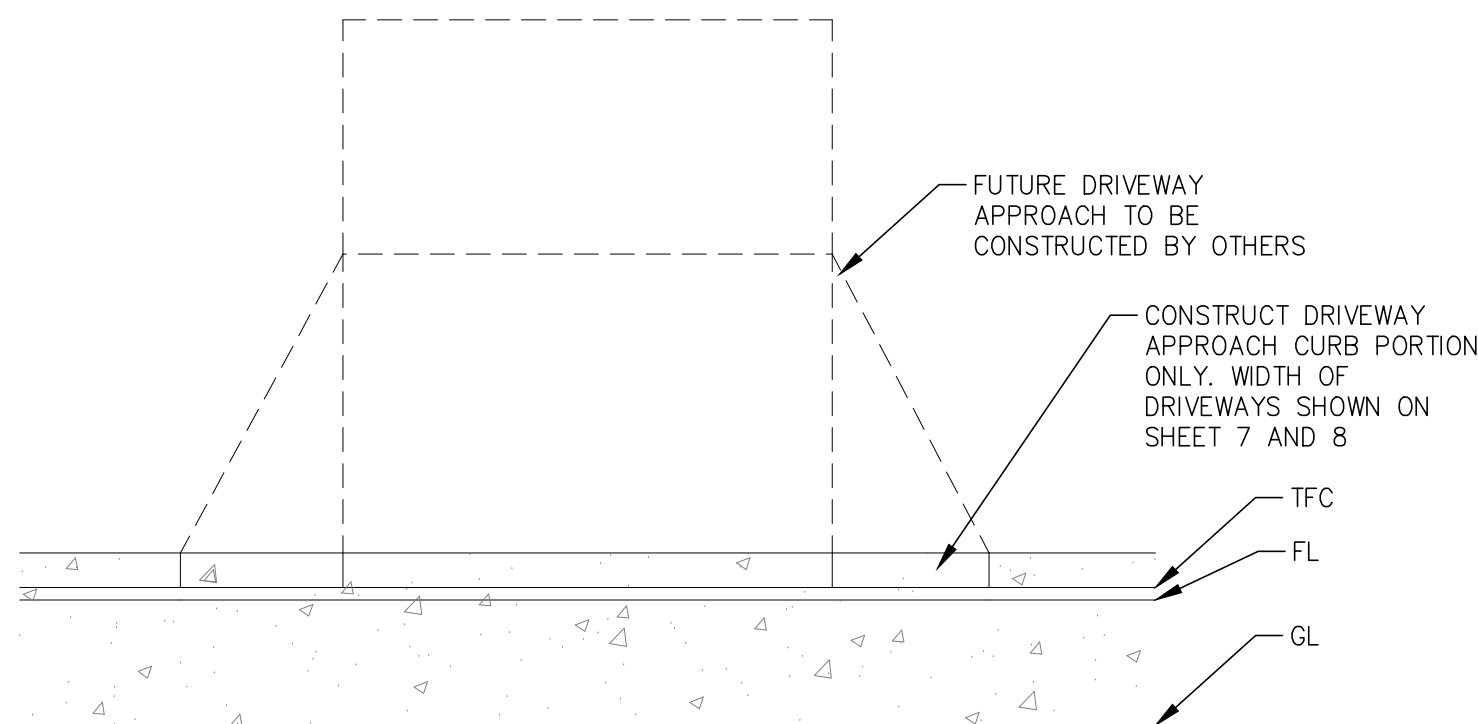
- WIDTH SHALL BE 4.0' MIN. FOR ADA REQUIREMENTS, CROSS SLOPE NOT TO EXCEED 2%.

LOCAL STREET DRIVEWAY
APPROACHES

DETAIL E

B
13

FUTURE DRIVEWAY APPROACH



DESIGNED: DK, VV	DATE: 4/29/25	RECORD DRAWING	SCALE
DRAWN: VV	4/29/25	RESIDENT ENGINEER	DATE
CHECKED: SA	4/29/25		
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.			

SUPERVISING ENGINEER

4/24/2025
DATE



PROJECT
EL PORVENIR ROAD IMPROVEMENTS
ROAD NO. - BRIDGE NO. -



DEPARTMENT OF PUBLIC WORKS AND PLANNING
CONSTRUCTION DETAILS
DRAWING NO. 11344 SHEET NO. 13 TOTAL - 13