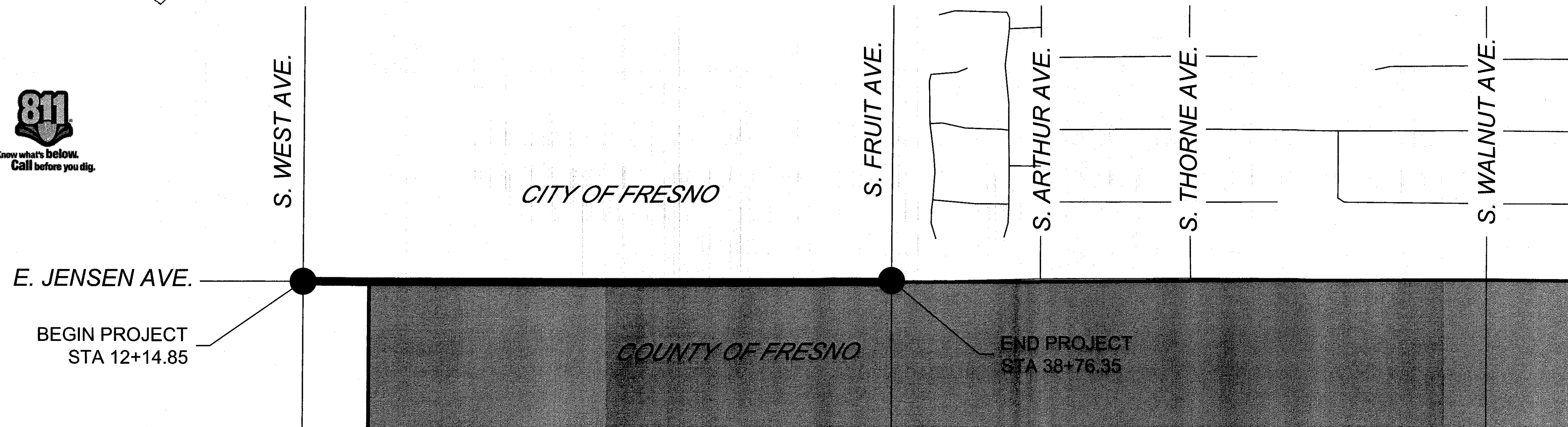
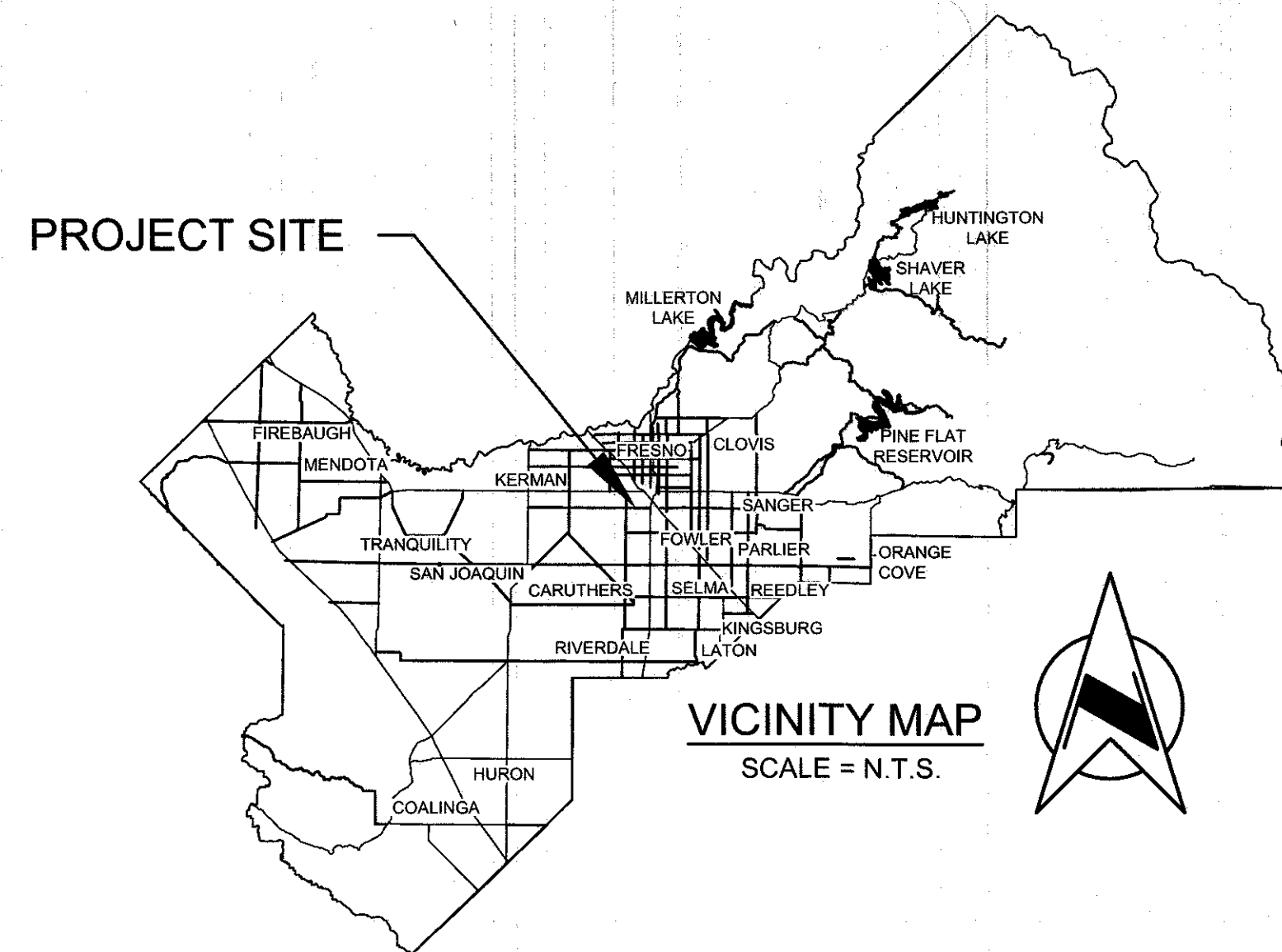


PLANS FOR CONSTRUCTION

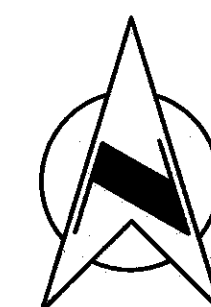
JENSEN AVENUE IMPROVEMENTS WEST AVENUE TO FRUIT AVENUE FEDERAL PROJECT NUMBER: STPL-5942(296) PROJECT LENGTH: 0.50 MILE



DIVISION	DESIGN	CONST	RMO	RESC
SIGNATURE				
DATE	4/1/2025	3-11-2025	2/17/2025	



DEPARTMENT OF PUBLIC WORKS AND PLANNING



LOCATION MAP
0 0.25 0.50
SCALE IN MILE

INDEX OF SHEETS

1. TITLE SHEET
2. LEGEND
3. GENERAL NOTES
4. TYPICAL SECTION
5. CONSTRUCTION PLAN & PROFILE (BEGIN STA. 12+61 - STA. 16+31)
6. CONSTRUCTION PLAN & PROFILE (STA. 16+31 - STA. 20+01)
7. CONSTRUCTION PLAN & PROFILE (STA. 20+01 - STA. 23+71)
8. CONSTRUCTION PLAN & PROFILE (STA. 23+71 - STA. 27+41)
9. CONSTRUCTION PLAN & PROFILE (STA. 27+41 - STA. 31+11)
10. CONSTRUCTION PLAN & PROFILE (STA. 31+11 - STA. 34+81)
11. CONSTRUCTION PLAN & PROFILE (STA. 34+81 - STA. 38+76 END)
12. CONSTRUCTION DETAILS
13. UTILITY PLAN (STA. 12+00 - STA. 20+73 END)
14. UTILITY PLAN (STA. 20+73 - STA. 28+93 END)
15. UTILITY PLAN (STA. 28+93 - STA. 37+13 END)
16. UTILITY PLAN (STA. 37+13 - STA. 38+76 END)
17. SIGNING & STRIPING LEGEND
18. STRIPING PLAN (BEGIN STA. 12+92 - STA. 38+35 END)
19. TRAFFIC WORK ZONE SIGNING

Brian Pacheco	1st District
Garry Bredefeld	2nd District
Luis Chavez	3rd District
Ernest "Buddy" Mendes	4th District
Nathan Magsig	5th District

Vice Chairman
Chairman

Paul Nerland
County Administrative Officer

APPROVED

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

APPROVED

Scott L. Mozier, PE
City Engineer, Date 3/14/25

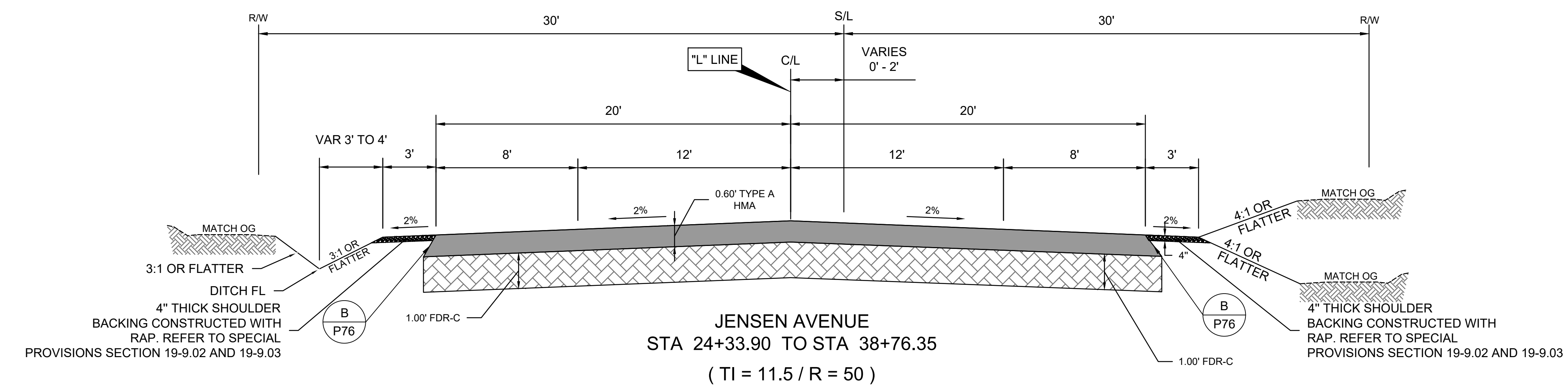
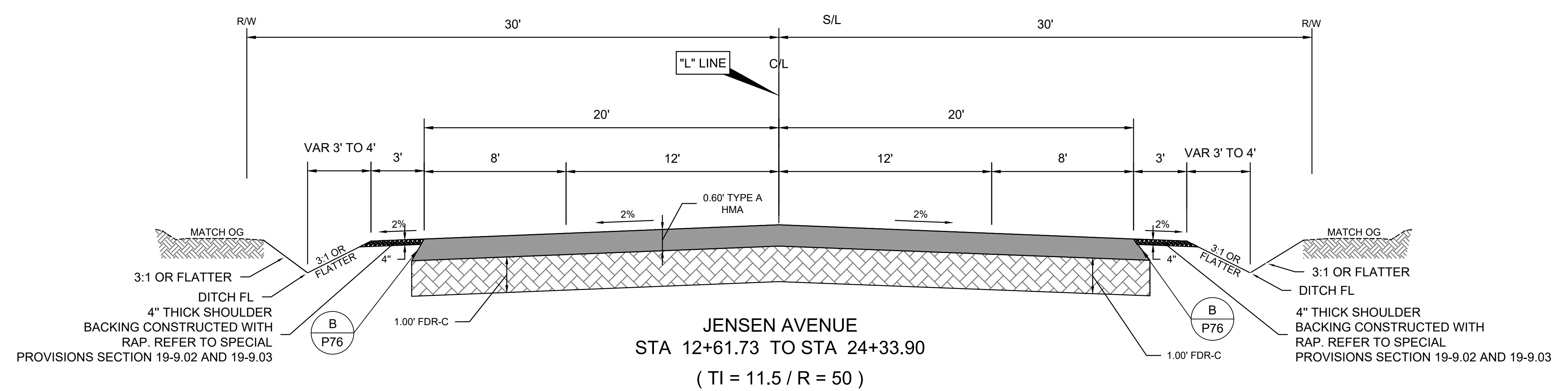
CALIFORNIA CONTRACTOR'S LICENSES REQUIRED FOR THIS PROJECT					
CLASS A, GENERAL ENGINEERING					
C-12, EARTHWORK AND PAVING					
DRAWING NO.	ROAD NO.	BRIDGE NO.	FISCAL YR.	SHEET NO.	TOTAL
11290	S0200	N/A	24 / 25	1	19
CONTRACT NO. 24-02-C					

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

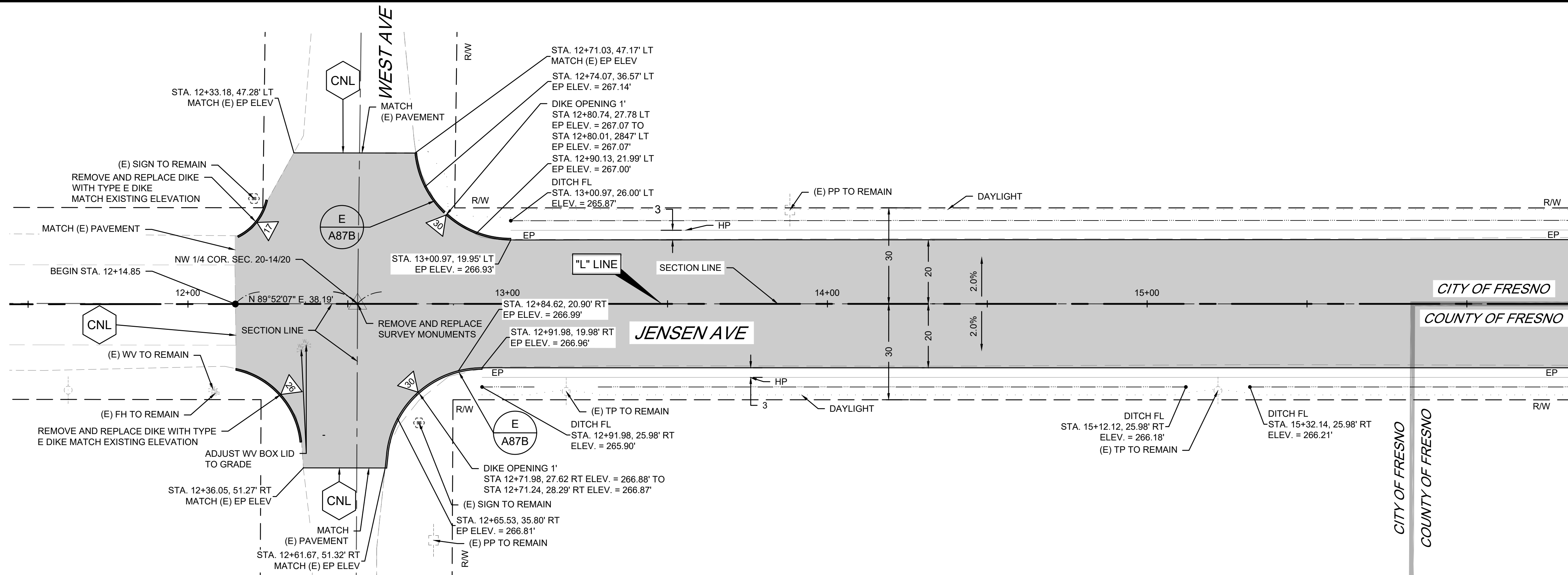
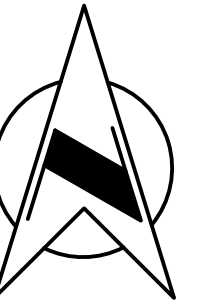
2023 CALTRANS STANDARD PLANS LIST				GENERAL LEGEND																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
INDICATES APPLICABLE PLAN ■ A20A PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS □ A20B PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS □ A20C PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS ■ A20D PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS ■ A24A PAVEMENT MARKINGS ARROWS □ A24B PAVEMENT MARKINGS ARROWS AND SYMBOLS ■ A24C PAVEMENT MARKINGS SYMBOLS AND NUMERALS □ A24D PAVEMENT MARKINGS WORDS □ A24F PAVEMENT MARKINGS CROSSWALKS ■ A24G PAVEMENT MARKINGS YIELD LINES, LIMIT LINES AND WRONG WAY DETAILS □ A62A EXCAVATION AND BACKFILL MISCELLANEOUS DETAILS □ A62B LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE SURCHARGE AND WALL □ A62C LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE □ A62D EXCAVATION AND BACKFILL CONCRETE PIPE CULVERTS □ A62DA EXCAVATION AND BACKFILL CONCRETE PIPE CULVERTS INDIRECT DESIGN METHOD □ A62E EXCAVATION AND BACKFILL CAST-IN-PLACE REINFORCED CONCRETE BOX AND ARCH CULVERTS □ A62F EXCAVATION AND BACKFILL METAL AND PLASTIC CULVERTS □ A62G EXCAVATION AND BACKFILL PRECAST REINFORCED CONCRETE BOX CULVERTS □ A73A OBJECT MARKERS □ A73B MARKERS □ A73C DELINEATORS, CHANNELIZERS, AND BARRICADES ■ A74 SURVEY MONUMENTS □ A78A THRIE BEAM BARRIER STANDARD RAILING SECTION (WOOD POST WITH WOOD BLOCK) □ A78C1 THRIE BEAM BARRIER STANDARD HARDWARE DETAILS □ A78C2 THRIE BEAM BARRIER POST AND BLOCK DETAILS □ A78E1 SINGLE THRIE BEAM BARRIER END ANCHOR ASSEMBLY AND TERMINAL SYSTEM END TREATMENT □ A81C CRASH CUSHION, SAND FILLED (BIDIRECTIONAL) □ A85 CHAIN LINK FENCE □ A86 BARBED WIRE AND WIRE MESH FENCES □ A87A CURBS AND DRIVEWAYS ■ A87B HOT MIX ASPHALT DIKES □ A88A CURB RAMP DETAILS □ B3-3A RETAINING WALL TYPE 1A - (CASE 1) □ B3-6 RETAINING WALL DETAILS No. 2 □ D73 DRAINAGE INLETS □ D74A DRAINAGE INLETS □ D74B DRAINAGE INLETS □ D74C DRAINAGE INLET DETAILS □ D75A STEEL PIPE INLETS □ D75B CONCRETE PIPE INLETS □ D75C PIPE INLETS LADDER AND TRASH RACK DETAILS □ D77A GRATE DETAILS No. 1 □ D77B GRATE DETAILS No. 2 ■ P74 PAVEMENT EDGE TREATMENTS □ P75 PAVEMENT EDGE TREATMENTS - OVERLAYS ■ P76 PAVEMENT EDGE TREATMENTS - NEW CONSTRUCTION □ T1A TEMPORARY CRASH CUSHION, SAND FILLED (UNIDIRECTIONAL) □ T1B TEMPORARY CRASH CUSHION, SAND FILLED (BIDIRECTIONAL) □ T2 TEMPORARY CRASH CUSHION, SAND FILLED (SHOULDER INSTALLATIONS) □ T3 TEMPORARY RAILING (TYPE K) BASIS OF BEARINGS: THE NORTH LINE OF THE NORTHEAST OF QUARTER OF SECTION 20, TOWNSHIP 14 SOUTH, RANGE 20 EAST, M.D.B.&M., BEARS N89°52'58"E PER MAP FILED IN BOOK 50 OF RECORD OF SURVEYS, AT PAGE 84, PER FRESNO COUNTY RECORDS. BASIS OF VERTICAL CONTROL: CITY OF FRESNO BENCHMARK 736, A BRASS CAP ON A CONCRETE CURB, LOCATED AT CENTER OF THE CURB RETURN ON THE NORTHEAST CORNER OF MARTIN LUTHER KING JR. BOULEVARD AND JENSEN AVENUE, HAS AN NGVD29 ELEVATION OF 273.556 FEET, PER CITY OF FRESNO BENCHMARK RECORDS. <tr><th colspan="16">ABBREVIATIONS</th><th colspan="16">CONSTRUCTION SYMBOLS</th></tr> <tr><td colspan="4">AB</td><td colspan="4">AGGREGATE BASE</td><td colspan="4">DI</td><td colspan="4">DRAINAGE INLET</td><td colspan="4">LP</td><td colspan="4">LIMIT OF PAYMENT</td><td colspan="4">RT</td><td colspan="4">RIGHT</td><td colspan="4">SM</td><td colspan="4">SURVEY MONUMENT</td></tr> <tr><td colspan="4">ABUT</td><td colspan="4">ABUTMENT(S)</td><td colspan="4">DIR</td><td colspan="4">DIRECTION</td><td colspan="4">MAX</td><td colspan="4">MAXIMUM</td><td colspan="4">RW</td><td colspan="4">RETAINING WALL</td><td colspan="4">CC</td><td colspan="4">CONCRETE COLLAR</td></tr> <tr><td colspan="4">AC</td><td colspan="4">ASPHALT CONCRETE</td><td colspan="4">DIST</td><td colspan="4">DISTANCE</td><td colspan="4">MB</td><td colspan="4">METAL BEAM</td><td colspan="4">R/W</td><td colspan="4">RIGHT OF WAY</td><td colspan="4">GM</td><td colspan="4">GRADE MATCH</td></tr> <tr><td colspan="4">AHD</td><td colspan="4">AHEAD</td><td colspan="4">DO</td><td colspan="4">DRAINAGE OUTLET</td><td colspan="4">MBGR</td><td colspan="4">METAL BEAM GUARD RAILING</td><td colspan="4">S</td><td colspan="4">SLOPE</td><td colspan="4">SC</td><td colspan="4">SAW CUT</td></tr> <tr><td colspan="4">ALIGN</td><td colspan="4">ALIGNMENT</td><td colspan="4">DRWY</td><td colspan="4">DRIVEWAY</td><td colspan="4">MH</td><td colspan="4">MANHOLE</td><td colspan="4">SALV</td><td colspan="4">SALVAGE</td><td colspan="4">OD</td><td colspan="4">STA L</td><td colspan="4">OVERSIDE DRAIN</td></tr> <tr><td colspan="4">ALY</td><td colspan="4">ALLEY</td><td colspan="4">DTL</td><td colspan="4">DETAIL</td><td colspan="4">MI</td><td colspan="4">MILE (S)</td><td colspan="4">SBL</td><td colspan="4">SOUTH BOUND LANE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">AP</td><td colspan="4">ANGLE POINT</td><td colspan="4">EA</td><td colspan="4">EACH</td><td colspan="4">MIN</td><td colspan="4">MINIMUM</td><td colspan="4">SDWK</td><td colspan="4">SIDEWALK</td><td colspan="4">SS</td><td colspan="4">STOP SIGN</td></tr> <tr><td colspan="4">APCH</td><td colspan="4">APPROACH</td><td colspan="4">EASE</td><td colspan="4">EASEMENT</td><td colspan="4">MISC</td><td colspan="4">MISCELLANEOUS</td><td colspan="4">SEC</td><td colspan="4">SECTION</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">APPROX</td><td colspan="4">APPROXIMATE ± ()</td><td colspan="4">EB</td><td colspan="4">END OF BRIDGE</td><td colspan="4">MOD</td><td colspan="4">MODIFY (IED)</td><td colspan="4">SH</td><td colspan="4">STATE HIGHWAY</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">AS</td><td colspan="4">AGGREGATE SUBBASE</td><td colspan="4">E/B</td><td colspan="4">EAST BOUND</td><td colspan="4">MON</td><td colspan="4">MONUMENT</td><td colspan="4">SHLDR</td><td colspan="4">SHOULDER</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">ASSY</td><td colspan="4">ASSEMBLY</td><td colspan="4">EC</td><td colspan="4">END HORIZONTAL CURVE</td><td colspan="4">MP</td><td colspan="4">MILE POST</td><td colspan="4">SHT</td><td colspan="4">SHEET</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">AV</td><td colspan="4">AIR RELEASE VALVE</td><td colspan="4">ECR</td><td colspan="4">END CURB RETURN</td><td colspan="4">MTL</td><td colspan="4">MATERIAL</td><td colspan="4">S/L</td><td colspan="4">SECTION LINE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">AVE</td><td colspan="4">AVENUE</td><td colspan="4">ED</td><td colspan="4">END DIKE</td><td colspan="4">N/A</td><td colspan="4">NOT APPLICABLE</td><td colspan="4">SP</td><td colspan="4">STANDPIPE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BB</td><td colspan="4">BEGINNING OF BRIDGE</td><td colspan="4">ELEV</td><td colspan="4">ELEVATION</td><td colspan="4">NBL</td><td colspan="4">NORTH BOUND LANE</td><td colspan="4">SQ</td><td colspan="4">SQUARE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BC</td><td colspan="4">BEGIN HORIZONTAL CURVE</td><td colspan="4">(ELEV)</td><td colspan="4">EXISTING ELEVATION</td><td colspan="4">NO (#)</td><td colspan="4">NUMBER</td><td colspan="4">SQ FT</td><td colspan="4">SQUARE FOOT (FEET)</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BCM</td><td colspan="4">BRASS CAP MONUMENT</td><td colspan="4">EMB</td><td colspan="4">EMBANKMENT</td><td colspan="4">NS</td><td colspan="4">NATIVE SOIL</td><td colspan="4">SQ IN</td><td colspan="4">SQUARE INCH</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BCR</td><td colspan="4">BEGIN CURB RETURN</td><td colspan="4">EP</td><td colspan="4">EDGE OF PAVEMENT</td><td colspan="4">O</td><td colspan="4">OVER</td><td colspan="4">SS</td><td colspan="4">SANITARY SEWER</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BEG</td><td colspan="4">BEGIN(ING)</td><td colspan="4">EQ</td><td colspan="4">EQUAL</td><td colspan="4">OC</td><td colspan="4">ON CENTER</td><td colspan="4">ST</td><td colspan="4">STREET</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BKF</td><td colspan="4">BACKFILL</td><td colspan="4">ES</td><td colspan="4">EDGE OF SHOULDER</td><td colspan="4">OD</td><td colspan="4">OUTSIDE DIAMETER</td><td colspan="4">STA</td><td colspan="4">STATION</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BLDG</td><td colspan="4">BUILDING</td><td colspan="4">ETL</td><td colspan="4">EDGE OF TRAVEL LANE</td><td colspan="4">OG</td><td colspan="4">ORIGINAL GROUND</td><td colspan="4">STD</td><td colspan="4">STANDARD</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BLVD</td><td colspan="4">BOULEVARD</td><td colspan="4">EVC</td><td colspan="4">END VERTICAL CURVE</td><td colspan="4">PB</td><td colspan="4">PULL BOX</td><td colspan="4">STL</td><td colspan="4">STEEL</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BM</td><td colspan="4">BENCH MARK</td><td colspan="4">EW</td><td colspan="4">ENDWALL</td><td colspan="4">PBS</td><td colspan="4">PULV BIT SURF</td><td colspan="4">STP</td><td colspan="4">STEEL PIPE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BR</td><td colspan="4">BRIDGE</td><td colspan="4">EXC</td><td colspan="4">EXCAVATION</td><td colspan="4">PCC</td><td colspan="4">PORTLAND CEMENT CONCRETE</td><td colspan="4">STR</td><td colspan="4">STRUCTURE (S)</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BS</td><td colspan="4">BACK OF SIDEWALK</td><td colspan="4">EXIST / (E)</td><td colspan="4">EXISTING</td><td colspan="4">PE</td><td colspan="4">POLYETHYLENE</td><td colspan="4">SURF</td><td colspan="4">SURFACING</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BVC</td><td colspan="4">BEGIN VERTICAL CURVE</td><td colspan="4">EXP JT</td><td colspan="4">EXPANSION JOINT</td><td colspan="4">PERM</td><td colspan="4">PERMEABLE</td><td colspan="4">SWR</td><td colspan="4">SEWER</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">BW</td><td colspan="4">BARBED WIRE</td><td colspan="4">FBCBM</td><td colspan="4">FRESNO COUNTY BCM</td><td colspan="4">PG</td><td colspan="4">PROFILE GRADE</td><td colspan="4">TAN OFF</td><td colspan="4">TANGENT OFFSET</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CA TV</td><td colspan="4">CABLE TELEVISION</td><td colspan="4">FDR-C</td><td colspan="4">FULL DEPTH RECLAMATION</td><td colspan="4">PI</td><td colspan="4">POINT OF INTERSECTION</td><td colspan="4">TBM</td><td colspan="4">TEMPORARY BM</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">C & G</td><td colspan="4">CURB AND GUTTER</td><td colspan="4"></td><td colspan="4">CEMENT</td><td colspan="4">PL</td><td colspan="4">PLATE</td><td colspan="4">TBR</td><td colspan="4">TIMBER</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CC</td><td colspan="4">CENTER TO CENTER</td><td colspan="4">FG</td><td colspan="4">FINISHED GRADE</td><td colspan="4">P/L</td><td colspan="4">PROPERTY LINE</td><td colspan="4">TC</td><td colspan="4">TOP OF CURB</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CF</td><td colspan="4">CUBIC FOOT (FEET)</td><td colspan="4">FH</td><td colspan="4">FIRE HYDRANT</td><td colspan="4">PM</td><td colspan="4">POST MILE</td><td colspan="4">TCB</td><td colspan="4">TRAFFIC CONTROL BOX</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CFS</td><td colspan="4">CUBIC FEET PER SECOND</td><td colspan="4">FL</td><td colspan="4">FLOW LINE</td><td colspan="4">PNT</td><td colspan="4">POINT</td><td colspan="4">TCP</td><td colspan="4">TEMPORARY CONST PERMIT</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CHNL</td><td colspan="4">CHANNEL</td><td colspan="4">FRE</td><td colspan="4">FRESNO</td><td colspan="4">POC</td><td colspan="4">POINT ON CURVE</td><td colspan="4">TFC</td><td colspan="4">TOP FACE OF CURB</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CI</td><td colspan="4">CITY</td><td colspan="4">FRP</td><td colspan="4">FIBER REINFORCED PLASTIC</td><td colspan="4">POT</td><td colspan="4">POINT ON TANGENT</td><td colspan="4">TFP</td><td colspan="4">TRANSFORMER POLE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CIDH</td><td colspan="4">CAST-IN DRILLED HOLE</td><td colspan="4">FT</td><td colspan="4">FOOT (FEET)</td><td colspan="4">PP</td><td colspan="4">POWER POLE</td><td colspan="4">TOT</td><td colspan="4">TOTAL</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CIP</td><td colspan="4">CAST IRON PIPE</td><td colspan="4">GAL</td><td colspan="4">GALLON (S)</td><td colspan="4">PPP</td><td colspan="4">PERFORATED PLASTIC PIPE</td><td colspan="4">TP</td><td colspan="4">TELEPHONE POLE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CIPCP</td><td colspan="4">CAST-IN-PLACE CONCRETE PIPE</td><td colspan="4">GALV</td><td colspan="4">GALVANIZED</td><td colspan="4">PRF</td><td colspan="4">PAVEMENT REINFORCING FABRIC</td><td colspan="4">TRANS</td><td colspan="4">TRANSITION</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CIPP</td><td colspan="4">CRUDE IN PLACE PIPE</td><td colspan="4">GB</td><td colspan="4">GRADE BREAK</td><td colspan="4">PSF</td><td colspan="4">POUNDS PER SQUARE FOOT</td><td colspan="4">TS</td><td colspan="4">TRAFFIC SIGNAL</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CL / CL (E)</td><td colspan="4">CENTER LINE</td><td colspan="4">GP</td><td colspan="4">GRADING PLANE</td><td colspan="4">PSI</td><td colspan="4">POUNDS PER SQUARE INCH</td><td colspan="4">TYP</td><td colspan="4">TYPICAL</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CHAIN</td><td colspan="4">CHAIN LINK</td><td colspan="4">GRUB</td><td colspan="4">GRUBBING</td><td colspan="4">PT</td><td colspan="4">PEDESTAL TELEPHONE</td><td colspan="4">TYP SEC</td><td colspan="4">TYPICAL SECTION</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CLR</td><td colspan="4">CLEAR (ING), CLEARANCE</td><td colspan="4">GW</td><td colspan="4">GUY WIRE</td><td colspan="4">PULV</td><td colspan="4">PULVERIZED</td><td colspan="4">UC</td><td colspan="4">UNDERCROSSING</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CMP</td><td colspan="4">CORRUGATED METAL PIPE</td><td colspan="4">HORIZ</td><td colspan="4">HORIZONTAL</td><td colspan="4">PVC</td><td colspan="4">POLYVINYL CHLORIDE</td><td colspan="4">UD</td><td colspan="4">UNDERDRAIN</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CMPA</td><td colspan="4">CORRUGATED METAL PIPE ARCH</td><td colspan="4">HP</td><td colspan="4">HINGE POINT</td><td colspan="4">PVMT</td><td colspan="4">PAVEMENT</td><td colspan="4">UDR</td><td colspan="4">UNDERDRAIN RISER</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CNL</td><td colspan="4">CUT NEAT LINE</td><td colspan="4">HS</td><td colspan="4">HIGH STRENGTH</td><td colspan="4">R</td><td colspan="4">RADIUS</td><td colspan="4">UG</td><td colspan="4">UNDERGROUND</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CNS</td><td colspan="4">COMPACTED NATIVE SOIL</td><td colspan="4">HW</td><td colspan="4">HEAD WALL</td><td colspan="4">RAP</td><td colspan="4">RECLAIMED ASPHALT PAVEMENT</td><td colspan="4">UP</td><td colspan="4">UNDERPASS</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CO</td><td colspan="4">COUNTY</td><td colspan="4">HWM</td><td colspan="4">HIGH WATER MARK</td><td colspan="4">R & R</td><td colspan="4">REMOVE AND REPLACE</td><td colspan="4">VAR</td><td colspan="4">VARIES (ABLE)</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">COF</td><td colspan="4">CITY OF FRESNO</td><td colspan="4">HWY</td><td colspan="4">HIGHWAY</td><td colspan="4">RCB</td><td colspan="4">REINFORCED CONCRETE BOX</td><td colspan="4">VC</td><td colspan="4">VERTICAL CURVE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">COMM</td><td colspan="4">COMMERCIAL</td><td colspan="4">IB</td><td colspan="4">IMPORTED BORROW</td><td colspan="4">RCP</td><td colspan="4">REINFORCED CONCRETE PIPE</td><td colspan="4">VCP</td><td colspan="4">VITRIFIED CLAY PIPE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CONC</td><td colspan="4">CONCRETE</td><td colspan="4">ID</td><td colspan="4">INSIDE DIAMETER</td><td colspan="4">RD</td><td colspan="4">ROAD</td><td colspan="4">VERT</td><td colspan="4">VERTICAL</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CONST</td><td colspan="4">CONSTRUCT (ION)</td><td colspan="4">IP</td><td colspan="4">IRON PIPE</td><td colspan="4">REINF</td><td colspan="4">REINFORCED (MENT) (ING)</td><td colspan="4">VG</td><td colspan="4">VALLEY GUTTER</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CONT</td><td colspan="4">CONTINUOUS</td><td colspan="4">IRR</td><td colspan="4">IRRIGATION</td><td colspan="4">REL</td><td colspan="4">RELOCATE</td><td colspan="4">VP</td><td colspan="4">VENT PIPE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CP</td><td colspan="4">CONCRETE PIPE</td><td colspan="4">IV</td><td colspan="4">IRRIGATION VALVE</td><td colspan="4">RES</td><td colspan="4">RESIDENTIAL</td><td colspan="4">W</td><td colspan="4">WATER</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CR</td><td colspan="4">CURB RAMP</td><td colspan="4">JP</td><td colspan="4">JOINT POLE</td><td colspan="4">RET</td><td colspan="4">RETAINING</td><td colspan="4">W/B</td><td colspan="4">WEST BOUND</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CS</td><td colspan="4">COTTON SPINDLE</td><td colspan="4">JT</td><td colspan="4">JOINT</td><td colspan="4">RG</td><td colspan="4">RUBBER GASKET</td><td colspan="4">WM</td><td colspan="4">WATER METER</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CSP</td><td colspan="4">CORRUGATED STEEL PIPE</td><td colspan="4">LBS</td><td colspan="4">POUNDS</td><td colspan="4">RLG</td><td colspan="4">ROCK LINED GUTTER</td><td colspan="4">WP</td><td colspan="4">WEAKENED PLANE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CSPA</td><td colspan="4">CORRUGATED STEEL PIPE ARCH</td><td colspan="4">LF</td><td colspan="4">LINEAR FOOT</td><td colspan="4">RR</td><td colspan="4">RAILROAD</td><td colspan="4">WR</td><td colspan="4">WHEELCHAIR RAMP</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CULV</td><td colspan="4">CULVERT</td><td colspan="4">LOC</td><td colspan="4">LOCATION</td><td colspan="4"></td><td colspan="4"></td><td colspan="4">WV</td><td colspan="4">WATER VALVE</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><td colspan="4">CY (CU YD)</td><td colspan="4">CUBIC YARD(S)</td><td colspan="4">LOL</td><td colspan="4">LAYOUT LINE</td><td colspan="4"></td><td colspan="4"></td><td colspan="4">WW</td><td colspan="4">WINGWALL</td><td colspan="4">S</td><td colspan="4">SLOPE</td></tr> <tr><th colspan="4"></th><th colspan="16">UTILITY SYMBOLS</th><th colspan="16"></th></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">STAND PIPE</td><td colspan="4"></td><td colspan="4">FIRE HYDRANT</td><td colspan="4"></td><td colspan="4">GAS METER</td><td colspan="4"></td><td colspan="4">UG CABLE</td><td colspan="4"></td><td colspan="4">STREET LIGHT POLE</td><td colspan="4"></td><td colspan="4">WARNING SIGN</td><td colspan="4"></td><td colspan="4">EXISTING</td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">IRR UG PIPE FLOW</td><td colspan="4"></td><td colspan="4">MH-STORM DRAIN</td><td colspan="4"></td><td colspan="4">WATER METER</td><td colspan="4"></td><td colspan="4">UG ELECTRIC LINE</td><td colspan="4"></td><td colspan="4">STORM DRAIN DROP INLET</td><td colspan="4"></td><td colspan="4">WARNING SIGN</td><td colspan="4"></td><td colspan="4">POWER POLE</td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">IRR UG PIPE CAPPED</td><td colspan="4"></td><td colspan="4">MH-ELECTRICAL</td><td colspan="4"></td><td colspan="4">WATER VALVE</td><td colspan="4"></td><td colspan="4">UG FIBER OPTIC</td><td colspan="4"></td><td colspan="4">STORM DRAIN GRATE</td><td colspan="4"></td><td colspan="4">WARNING SIGN</td><td colspan="4"></td><td colspan="4">JOINT POLE</td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">IRR TOP GATE VALVE</td><td colspan="4"></td><td colspan="4">MH-FO/CABLE</td><td colspan="4"></td><td colspan="4">HOSE BIB</td><td colspan="4"></td><td colspan="4">UG GAS LINE</td><td colspan="4"></td><td colspan="4">STEEL DRAIN PIPE</td><td colspan="4"></td><td colspan="4">WARNING SIGN</td><td colspan="4"></td><td colspan="4">JOINT TRANSFORMER POLE</td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">IRR PIPE 12" VERTICAL</td><td colspan="4"></td><td colspan="4">MH-GAS</td><td colspan="4"></td><td colspan="4">MH-GASOLINE FILLER</td><td colspan="4"></td><td colspan="4">UG SANITARY SEWER</td><td colspan="4"></td><td colspan="4">DOWN DRAIN</td><td colspan="4"></td><td colspan="4">WARNING SIGN</td><td colspan="4"></td><td colspan="4">TRANSFORMER POLE</td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">VENT PIPE</td><td colspan="4"></td><td colspan="4">MH-SANITARY SWR</td><td colspan="4"></td><td colspan="4">GASOLINE VENT PIPE</td><td colspan="4"></td><td colspan="4">UG TELEPHONE LINE</td><td colspan="4"></td><td colspan="4">WARNING SIGN</td><td colspan="4"></td><td colspan="4">GUY POLE</td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">IRR VALVE - BUBBLER</td><td colspan="4"></td><td colspan="4">MH-TELEPHONE</td><td colspan="4"></td><td colspan="4">GASOLINE PUMP</td><td colspan="4"></td><td colspan="4">UG WATER LINE</td><td colspan="4"></td><td colspan="4">WARNING SIGN</td><td colspan="4"></td><td colspan="4">GUY WIRE</td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">IRR VALVE, DRIP SYSTEM</td><td colspan="4"></td><td colspan="4">MH-WATER</td><td colspan="4"></td><td colspan="4">CLEAN OUT</td><td colspan="4"></td><td colspan="4">OVERHEAD ELEC LINE</td><td colspan="4"></td><td colspan="4">WARNING SIGN</td><td colspan="4"></td><td colspan="4">SIGN</td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">IRR PIPE 4" VERT OUTLET</td><td colspan="4"></td><td colspan="4">ELEC METER</td><td colspan="4"></td><td colspan="4">BACKFLOW PREVENTER</td><td colspan="4"></td><td colspan="4">OVERHEAD TELE LINE</td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">WATER WELL</td><td colspan="4"></td><td colspan="4">ELECTRIC VAULT</td><td colspan="4"></td><td colspan="4">SPRINKLER</td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">WATER WELL PUMP</td><td colspan="4"></td><td colspan="4">CHRISTY BOX</td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4">WATER STORAGE TANK</td><td colspan="4"></td><td colspan="4">TELEPHONE VAULT</td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><th colspan="4"></th><th colspan="16">PROJECT</th><th colspan="16">DEPARTMENT OF PUBLIC WORKS AND PLANNING</th></tr> <tr><td colspan="4">DESIGNED: DK</td><td colspan="4">3/11/25</td><td colspan="4">RESIDENT ENGINEER</td><td colspan="4">DATE</td><td colspan="4"></td><td colspan="4"></td><td colspan="4">JENSEN AVENUE IMPROVEMENT PROJECT</td><td colspan="4">WEST AVENUE TO FRUIT AVENUE</td><td colspan="4"></td><td colspan="4"></td><td colspan="4">LEGEND</td></tr> <tr><td colspan="4">DRAWN: EC</td><td colspan="4">3/11/25</td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4">CHECKED: SA</td><td colspan="4">3/11/25</td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr> <tr><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td><td colspan="4"></td></tr>				ABBREVIATIONS																CONSTRUCTION SYMBOLS																AB				AGGREGATE BASE				DI				DRAINAGE INLET				LP				LIMIT OF PAYMENT				RT				RIGHT				SM				SURVEY MONUMENT				ABUT				ABUTMENT(S)				DIR				DIRECTION				MAX				MAXIMUM				RW				RETAINING WALL				CC				CONCRETE COLLAR				AC				ASPHALT CONCRETE				DIST				DISTANCE				MB				METAL BEAM				R/W				RIGHT OF WAY				GM				GRADE MATCH				AHD				AHEAD				DO				DRAINAGE OUTLET				MBGR				METAL BEAM GUARD RAILING				S				SLOPE				SC				SAW CUT				ALIGN				ALIGNMENT				DRWY				DRIVEWAY				MH				MANHOLE				SALV				SALVAGE				OD				STA L				OVERSIDE DRAIN				ALY				ALLEY				DTL				DETAIL				MI				MILE (S)				SBL				SOUTH BOUND LANE				S				SLOPE				AP				ANGLE POINT				EA				EACH				MIN				MINIMUM				SDWK				SIDEWALK				SS				STOP SIGN				APCH				APPROACH				EASE				EASEMENT				MISC				MISCELLANEOUS				SEC				SECTION				S				SLOPE				APPROX				APPROXIMATE ± ()				EB				END OF BRIDGE				MOD				MODIFY (IED)				SH				STATE HIGHWAY				S				SLOPE				AS				AGGREGATE SUBBASE				E/B				EAST BOUND				MON				MONUMENT				SHLDR				SHOULDER				S				SLOPE				ASSY				ASSEMBLY				EC				END HORIZONTAL CURVE				MP				MILE POST				SHT				SHEET				S				SLOPE				AV				AIR RELEASE VALVE				ECR				END CURB RETURN				MTL				MATERIAL				S/L				SECTION LINE				S				SLOPE				AVE				AVENUE				ED				END DIKE				N/A				NOT APPLICABLE				SP				STANDPIPE				S				SLOPE				BB				BEGINNING OF BRIDGE				ELEV				ELEVATION				NBL				NORTH BOUND LANE				SQ				SQUARE				S				SLOPE				BC				BEGIN HORIZONTAL CURVE				(ELEV)				EXISTING ELEVATION				NO (#)				NUMBER				SQ FT				SQUARE FOOT (FEET)				S				SLOPE				BCM				BRASS CAP MONUMENT				EMB				EMBANKMENT				NS				NATIVE SOIL				SQ IN				SQUARE INCH				S				SLOPE				BCR				BEGIN CURB RETURN				EP				EDGE OF PAVEMENT				O				OVER				SS				SANITARY SEWER				S				SLOPE				BEG				BEGIN(ING)				EQ				EQUAL				OC				ON CENTER				ST				STREET				S				SLOPE				BKF				BACKFILL				ES				EDGE OF SHOULDER				OD				OUTSIDE DIAMETER				STA				STATION				S				SLOPE				BLDG				BUILDING				ETL				EDGE OF TRAVEL LANE				OG				ORIGINAL GROUND				STD				STANDARD				S				SLOPE				BLVD				BOULEVARD				EVC				END VERTICAL CURVE				PB				PULL BOX				STL				STEEL				S				SLOPE				BM				BENCH MARK				EW				ENDWALL				PBS				PULV BIT SURF				STP				STEEL PIPE				S				SLOPE				BR				BRIDGE				EXC				EXCAVATION				PCC				PORTLAND CEMENT CONCRETE				STR				STRUCTURE (S)				S				SLOPE				BS				BACK OF SIDEWALK				EXIST / (E)				EXISTING				PE				POLYETHYLENE				SURF				SURFACING				S				SLOPE				BVC				BEGIN VERTICAL CURVE				EXP JT				EXPANSION JOINT				PERM				PERMEABLE				SWR				SEWER				S				SLOPE				BW				BARBED WIRE				FBCBM				FRESNO COUNTY BCM				PG				PROFILE GRADE				TAN OFF				TANGENT OFFSET				S				SLOPE				CA TV				CABLE TELEVISION				FDR-C				FULL DEPTH RECLAMATION				PI				POINT OF INTERSECTION				TBM				TEMPORARY BM				S				SLOPE				C & G				CURB AND GUTTER								CEMENT				PL				PLATE				TBR				TIMBER				S				SLOPE				CC				CENTER TO CENTER				FG				FINISHED GRADE				P/L				PROPERTY LINE				TC				TOP OF CURB				S				SLOPE				CF				CUBIC FOOT (FEET)				FH				FIRE HYDRANT				PM				POST MILE				TCB				TRAFFIC CONTROL BOX				S				SLOPE				CFS				CUBIC FEET PER SECOND				FL				FLOW LINE				PNT				POINT				TCP				TEMPORARY CONST PERMIT				S				SLOPE				CHNL				CHANNEL				FRE				FRESNO				POC				POINT ON CURVE				TFC				TOP FACE OF CURB				S				SLOPE				CI				CITY				FRP				FIBER REINFORCED PLASTIC				POT				POINT ON TANGENT				TFP				TRANSFORMER POLE				S				SLOPE				CIDH				CAST-IN DRILLED HOLE				FT				FOOT (FEET)				PP				POWER POLE				TOT				TOTAL				S				SLOPE				CIP				CAST IRON PIPE				GAL				GALLON (S)				PPP				PERFORATED PLASTIC PIPE				TP				TELEPHONE POLE				S				SLOPE				CIPCP				CAST-IN-PLACE CONCRETE PIPE				GALV				GALVANIZED				PRF				PAVEMENT REINFORCING FABRIC				TRANS				TRANSITION				S				SLOPE				CIPP				CRUDE IN PLACE PIPE				GB				GRADE BREAK				PSF				POUNDS PER SQUARE FOOT				TS				TRAFFIC SIGNAL				S				SLOPE				CL / CL (E)				CENTER LINE				GP				GRADING PLANE				PSI				POUNDS PER SQUARE INCH				TYP				TYPICAL				S				SLOPE				CHAIN				CHAIN LINK				GRUB				GRUBBING				PT				PEDESTAL TELEPHONE				TYP SEC				TYPICAL SECTION				S				SLOPE				CLR				CLEAR (ING), CLEARANCE				GW				GUY WIRE				PULV				PULVERIZED				UC				UNDERCROSSING				S				SLOPE				CMP				CORRUGATED METAL PIPE				HORIZ				HORIZONTAL				PVC				POLYVINYL CHLORIDE				UD				UNDERDRAIN				S				SLOPE				CMPA				CORRUGATED METAL PIPE ARCH				HP				HINGE POINT				PVMT				PAVEMENT				UDR				UNDERDRAIN RISER				S				SLOPE				CNL				CUT NEAT LINE				HS				HIGH STRENGTH				R				RADIUS				UG				UNDERGROUND				S				SLOPE				CNS				COMPACTED NATIVE SOIL				HW				HEAD WALL				RAP				RECLAIMED ASPHALT PAVEMENT				UP				UNDERPASS				S				SLOPE				CO				COUNTY				HWM				HIGH WATER MARK				R & R				REMOVE AND REPLACE				VAR				VARIES (ABLE)				S				SLOPE				COF				CITY OF FRESNO				HWY				HIGHWAY				RCB				REINFORCED CONCRETE BOX				VC				VERTICAL CURVE				S				SLOPE				COMM				COMMERCIAL				IB				IMPORTED BORROW				RCP				REINFORCED CONCRETE PIPE				VCP				VITRIFIED CLAY PIPE				S				SLOPE				CONC				CONCRETE				ID				INSIDE DIAMETER				RD				ROAD				VERT				VERTICAL				S				SLOPE				CONST				CONSTRUCT (ION)				IP				IRON PIPE				REINF				REINFORCED (MENT) (ING)				VG				VALLEY GUTTER				S				SLOPE				CONT				CONTINUOUS				IRR				IRRIGATION				REL				RELOCATE				VP				VENT PIPE				S				SLOPE				CP				CONCRETE PIPE				IV				IRRIGATION VALVE				RES				RESIDENTIAL				W				WATER				S				SLOPE				CR				CURB RAMP				JP				JOINT POLE				RET				RETAINING				W/B				WEST BOUND				S				SLOPE				CS				COTTON SPINDLE				JT				JOINT				RG				RUBBER GASKET				WM				WATER METER				S				SLOPE				CSP				CORRUGATED STEEL PIPE				LBS				POUNDS				RLG				ROCK LINED GUTTER				WP				WEAKENED PLANE				S				SLOPE				CSPA				CORRUGATED STEEL PIPE ARCH				LF				LINEAR FOOT				RR				RAILROAD				WR				WHEELCHAIR RAMP				S				SLOPE				CULV				CULVERT				LOC				LOCATION												WV				WATER VALVE				S				SLOPE				CY (CU YD)				CUBIC YARD(S)				LOL				LAYOUT LINE												WW				WINGWALL				S				SLOPE								UTILITY SYMBOLS																																								STAND PIPE								FIRE HYDRANT								GAS METER								UG CABLE								STREET LIGHT POLE								WARNING SIGN								EXISTING												IRR UG PIPE FLOW								MH-STORM DRAIN								WATER METER								UG ELECTRIC LINE								STORM DRAIN DROP INLET								WARNING SIGN								POWER POLE												IRR UG PIPE CAPPED								MH-ELECTRICAL								WATER VALVE								UG FIBER OPTIC								STORM DRAIN GRATE								WARNING SIGN								JOINT POLE												IRR TOP GATE VALVE								MH-FO/CABLE								HOSE BIB								UG GAS LINE								STEEL DRAIN PIPE								WARNING SIGN								JOINT TRANSFORMER POLE												IRR PIPE 12" VERTICAL								MH-GAS								MH-GASOLINE FILLER								UG SANITARY SEWER								DOWN DRAIN								WARNING SIGN								TRANSFORMER POLE												VENT PIPE								MH-SANITARY SWR								GASOLINE VENT PIPE								UG TELEPHONE LINE								WARNING SIGN								GUY POLE												IRR VALVE - BUBBLER								MH-TELEPHONE								GASOLINE PUMP								UG WATER LINE								WARNING SIGN								GUY WIRE												IRR VALVE, DRIP SYSTEM								MH-WATER								CLEAN OUT								OVERHEAD ELEC LINE								WARNING SIGN								SIGN												IRR PIPE 4" VERT OUTLET								ELEC METER								BACKFLOW PREVENTER								OVERHEAD TELE LINE																												WATER WELL								ELECTRIC VAULT								SPRINKLER																																				WATER WELL PUMP								CHRISTY BOX																																																WATER STORAGE TANK								TELEPHONE VAULT																																												PROJECT																DEPARTMENT OF PUBLIC WORKS AND PLANNING																DESIGNED: DK				3/11/25				RESIDENT ENGINEER				DATE												JENSEN AVENUE IMPROVEMENT PROJECT				WEST AVENUE TO FRUIT AVENUE												LEGEND				DRAWN: EC				3/11/25																																																CHECKED: SA				3/11/25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				ABBREVIATIONS																CONSTRUCTION SYMBOLS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				AB				AGGREGATE BASE				DI				DRAINAGE INLET				LP				LIMIT OF PAYMENT				RT				RIGHT				SM				SURVEY MONUMENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				ABUT				ABUTMENT(S)				DIR				DIRECTION				MAX				MAXIMUM				RW				RETAINING WALL				CC				CONCRETE COLLAR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				AC				ASPHALT CONCRETE				DIST				DISTANCE				MB				METAL BEAM				R/W				RIGHT OF WAY				GM				GRADE MATCH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				AHD				AHEAD				DO				DRAINAGE OUTLET				MBGR				METAL BEAM GUARD RAILING				S				SLOPE				SC				SAW CUT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				ALIGN				ALIGNMENT				DRWY				DRIVEWAY				MH				MANHOLE				SALV				SALVAGE				OD				STA L				OVERSIDE DRAIN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				ALY				ALLEY				DTL				DETAIL				MI				MILE (S)				SBL				SOUTH BOUND LANE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				AP				ANGLE POINT				EA				EACH				MIN				MINIMUM				SDWK				SIDEWALK				SS				STOP SIGN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				APCH				APPROACH				EASE				EASEMENT				MISC				MISCELLANEOUS				SEC				SECTION				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				APPROX				APPROXIMATE ± ()				EB				END OF BRIDGE				MOD				MODIFY (IED)				SH				STATE HIGHWAY				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				AS				AGGREGATE SUBBASE				E/B				EAST BOUND				MON				MONUMENT				SHLDR				SHOULDER				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				ASSY				ASSEMBLY				EC				END HORIZONTAL CURVE				MP				MILE POST				SHT				SHEET				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				AV				AIR RELEASE VALVE				ECR				END CURB RETURN				MTL				MATERIAL				S/L				SECTION LINE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				AVE				AVENUE				ED				END DIKE				N/A				NOT APPLICABLE				SP				STANDPIPE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BB				BEGINNING OF BRIDGE				ELEV				ELEVATION				NBL				NORTH BOUND LANE				SQ				SQUARE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BC				BEGIN HORIZONTAL CURVE				(ELEV)				EXISTING ELEVATION				NO (#)				NUMBER				SQ FT				SQUARE FOOT (FEET)				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BCM				BRASS CAP MONUMENT				EMB				EMBANKMENT				NS				NATIVE SOIL				SQ IN				SQUARE INCH				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BCR				BEGIN CURB RETURN				EP				EDGE OF PAVEMENT				O				OVER				SS				SANITARY SEWER				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BEG				BEGIN(ING)				EQ				EQUAL				OC				ON CENTER				ST				STREET				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BKF				BACKFILL				ES				EDGE OF SHOULDER				OD				OUTSIDE DIAMETER				STA				STATION				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BLDG				BUILDING				ETL				EDGE OF TRAVEL LANE				OG				ORIGINAL GROUND				STD				STANDARD				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BLVD				BOULEVARD				EVC				END VERTICAL CURVE				PB				PULL BOX				STL				STEEL				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BM				BENCH MARK				EW				ENDWALL				PBS				PULV BIT SURF				STP				STEEL PIPE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BR				BRIDGE				EXC				EXCAVATION				PCC				PORTLAND CEMENT CONCRETE				STR				STRUCTURE (S)				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BS				BACK OF SIDEWALK				EXIST / (E)				EXISTING				PE				POLYETHYLENE				SURF				SURFACING				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BVC				BEGIN VERTICAL CURVE				EXP JT				EXPANSION JOINT				PERM				PERMEABLE				SWR				SEWER				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				BW				BARBED WIRE				FBCBM				FRESNO COUNTY BCM				PG				PROFILE GRADE				TAN OFF				TANGENT OFFSET				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CA TV				CABLE TELEVISION				FDR-C				FULL DEPTH RECLAMATION				PI				POINT OF INTERSECTION				TBM				TEMPORARY BM				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				C & G				CURB AND GUTTER								CEMENT				PL				PLATE				TBR				TIMBER				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CC				CENTER TO CENTER				FG				FINISHED GRADE				P/L				PROPERTY LINE				TC				TOP OF CURB				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CF				CUBIC FOOT (FEET)				FH				FIRE HYDRANT				PM				POST MILE				TCB				TRAFFIC CONTROL BOX				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CFS				CUBIC FEET PER SECOND				FL				FLOW LINE				PNT				POINT				TCP				TEMPORARY CONST PERMIT				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CHNL				CHANNEL				FRE				FRESNO				POC				POINT ON CURVE				TFC				TOP FACE OF CURB				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CI				CITY				FRP				FIBER REINFORCED PLASTIC				POT				POINT ON TANGENT				TFP				TRANSFORMER POLE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CIDH				CAST-IN DRILLED HOLE				FT				FOOT (FEET)				PP				POWER POLE				TOT				TOTAL				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CIP				CAST IRON PIPE				GAL				GALLON (S)				PPP				PERFORATED PLASTIC PIPE				TP				TELEPHONE POLE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CIPCP				CAST-IN-PLACE CONCRETE PIPE				GALV				GALVANIZED				PRF				PAVEMENT REINFORCING FABRIC				TRANS				TRANSITION				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CIPP				CRUDE IN PLACE PIPE				GB				GRADE BREAK				PSF				POUNDS PER SQUARE FOOT				TS				TRAFFIC SIGNAL				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CL / CL (E)				CENTER LINE				GP				GRADING PLANE				PSI				POUNDS PER SQUARE INCH				TYP				TYPICAL				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CHAIN				CHAIN LINK				GRUB				GRUBBING				PT				PEDESTAL TELEPHONE				TYP SEC				TYPICAL SECTION				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CLR				CLEAR (ING), CLEARANCE				GW				GUY WIRE				PULV				PULVERIZED				UC				UNDERCROSSING				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CMP				CORRUGATED METAL PIPE				HORIZ				HORIZONTAL				PVC				POLYVINYL CHLORIDE				UD				UNDERDRAIN				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CMPA				CORRUGATED METAL PIPE ARCH				HP				HINGE POINT				PVMT				PAVEMENT				UDR				UNDERDRAIN RISER				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CNL				CUT NEAT LINE				HS				HIGH STRENGTH				R				RADIUS				UG				UNDERGROUND				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CNS				COMPACTED NATIVE SOIL				HW				HEAD WALL				RAP				RECLAIMED ASPHALT PAVEMENT				UP				UNDERPASS				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CO				COUNTY				HWM				HIGH WATER MARK				R & R				REMOVE AND REPLACE				VAR				VARIES (ABLE)				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				COF				CITY OF FRESNO				HWY				HIGHWAY				RCB				REINFORCED CONCRETE BOX				VC				VERTICAL CURVE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				COMM				COMMERCIAL				IB				IMPORTED BORROW				RCP				REINFORCED CONCRETE PIPE				VCP				VITRIFIED CLAY PIPE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CONC				CONCRETE				ID				INSIDE DIAMETER				RD				ROAD				VERT				VERTICAL				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CONST				CONSTRUCT (ION)				IP				IRON PIPE				REINF				REINFORCED (MENT) (ING)				VG				VALLEY GUTTER				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CONT				CONTINUOUS				IRR				IRRIGATION				REL				RELOCATE				VP				VENT PIPE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CP				CONCRETE PIPE				IV				IRRIGATION VALVE				RES				RESIDENTIAL				W				WATER				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CR				CURB RAMP				JP				JOINT POLE				RET				RETAINING				W/B				WEST BOUND				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CS				COTTON SPINDLE				JT				JOINT				RG				RUBBER GASKET				WM				WATER METER				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CSP				CORRUGATED STEEL PIPE				LBS				POUNDS				RLG				ROCK LINED GUTTER				WP				WEAKENED PLANE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CSPA				CORRUGATED STEEL PIPE ARCH				LF				LINEAR FOOT				RR				RAILROAD				WR				WHEELCHAIR RAMP				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CULV				CULVERT				LOC				LOCATION												WV				WATER VALVE				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				CY (CU YD)				CUBIC YARD(S)				LOL				LAYOUT LINE												WW				WINGWALL				S				SLOPE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				UTILITY SYMBOLS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
								STAND PIPE								FIRE HYDRANT								GAS METER								UG CABLE								STREET LIGHT POLE								WARNING SIGN								EXISTING																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
								IRR UG PIPE FLOW								MH-STORM DRAIN								WATER METER								UG ELECTRIC LINE								STORM DRAIN DROP INLET								WARNING SIGN								POWER POLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
								IRR UG PIPE CAPPED								MH-ELECTRICAL								WATER VALVE								UG FIBER OPTIC								STORM DRAIN GRATE								WARNING SIGN								JOINT POLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
								IRR TOP GATE VALVE								MH-FO/CABLE								HOSE BIB								UG GAS LINE								STEEL DRAIN PIPE								WARNING SIGN								JOINT TRANSFORMER POLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
								IRR PIPE 12" VERTICAL								MH-GAS								MH-GASOLINE FILLER								UG SANITARY SEWER								DOWN DRAIN								WARNING SIGN								TRANSFORMER POLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
								VENT PIPE								MH-SANITARY SWR								GASOLINE VENT PIPE								UG TELEPHONE LINE								WARNING SIGN								GUY POLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
								IRR VALVE - BUBBLER								MH-TELEPHONE								GASOLINE PUMP								UG WATER LINE								WARNING SIGN								GUY WIRE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
								IRR VALVE, DRIP SYSTEM								MH-WATER								CLEAN OUT								OVERHEAD ELEC LINE								WARNING SIGN								SIGN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
								IRR PIPE 4" VERT OUTLET								ELEC METER								BACKFLOW PREVENTER								OVERHEAD TELE LINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
								WATER WELL								ELECTRIC VAULT								SPRINKLER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
								WATER WELL PUMP								CHRISTY BOX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
								WATER STORAGE TANK								TELEPHONE VAULT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				PROJECT																DEPARTMENT OF PUBLIC WORKS AND PLANNING																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
DESIGNED: DK				3/11/25				RESIDENT ENGINEER				DATE												JENSEN AVENUE IMPROVEMENT PROJECT				WEST AVENUE TO FRUIT AVENUE												LEGEND																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
DRAWN: EC				3/11/25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
CHECKED: SA				3/11/25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

GENERAL NOTES				GENERAL NOTES																			
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH STANDARD PLANS AND SPECIFICATIONS OF THE FRESNO METROPOLITAN FLOOD CONTROL DISTRICT, DATED APRIL 1, 2011 AND REVISIONS THEREOF, APPROPRIATE PROVISIONS OF THE SPECIFICATIONS ENTITLED CITY OF FRESNO, STANDARD SPECIFICATIONS, LATEST EDITION, AND THE LATEST VERSION OF LATEST CALTRANS STANDARD SPECIFICATIONS. SAME MAY APPLY, WHICH SPECIFICATIONS HEREINAFTER ARE REFERRED TO AS THE STANDARD SPECIFICATION. 2. THE DISTRICT INSPECTOR WILL HAVE PRIMARY INSPECTION RESPONSIBILITY AND WILL CONDUCT DAY TO DAY INSPECTIONS. THE CONTRACTOR SHALL NOTIFY THE DISTRICT'S CONSTRUCTION MANAGER AT (559) 456-3292, TWO WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION 3. THE CONTRACTOR SHALL OBTAIN ALL PERMITS FROM THE CITY AND THE COUNTY OF FRESNO AT NO COST TO THE CONTRACTOR REQUIRED TO PERFORM THE WORK EXCEPT THOSE WHICH MAY BE OBTAINED FOR HIM BY THE DISTRICT. THE CONTRACTOR SHALL ABIDE BY THE CONDITIONS OF ALL PERMITS AND SHALL PERFORM ALL WORK ORDERED BY SAID PERMITS IN CONFORMANCE THEREWITH AND AS DIRECTED BY THE ENGINEER. 4. 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. 5. TWO WORKING DAYS BEFORE PERFORMING ANY EXCAVATION THE CONTRACTOR SHALL CALL "USA" (UNDERGROUND SERVICE ALERT) TOLL FREE AT 1-800-227-2600 OR 811. 6. THE CONTRACTOR SHALL NOTIFY THE COUNTY OF FRESNO PERMIT ENGINEER AT (559) 600-4240 A MINIMUM OF 24 HOURS PRIOR TO BEGINNING CONSTRUCTION. 7. THE CONTRACTOR SHALL NOTIFY THE CITY OF FRESNO CONSTRUCTION MANAGEMENT DIVISION AT (559) 621-5600, A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. 8. CONTRACTOR SHALL CLEAR ALL ORGANIC AND DELETERIOUS MATERIAL FROM THE FENCE PAD AREA PRIOR TO PLACEMENT OF FILL MATERIAL. 9. ALL FILL MATERIAL REQUIRED FOR THE FENCE PAD CONSTRUCTION ASSOCIATED WITH THIS CONTRACT SHALL BE FREE OF ALL ORGANIC AND DELETERIOUS MATERIAL AND IS AVAILABLE FROM WITHIN BASIN PROPERTY. 10. SAW-CUT AND DEMOLITION AREAS ARE TO BE VERIFIED BY THE ENGINEER PRIOR TO DEMOLITION. ANY ADDITIONAL DEMOLITION SHALL BE APPROVED BY THE ENGINEER. 11. THE CONTRACTOR SHALL COORDINATE WITH ANY UTILITY COMPANIES THAT REQUIRE THEIR FACILITIES TO BE ADJUSTED TO GRADE. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING EACH SITE AND IDENTIFYING ANY UTILITIES THAT MAY REQUIRE ADJUSTMENT. ANY UNFORESEEN DELAY SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY IN WRITING. 12. PRIOR TO CONSTRUCTING THE NEW RAMPS, THE CONTRACTOR SHALL VERIFY THE EXISTING GUTTER FLOW LINE DIRECTION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING FLOW DIRECTION AND/OR ELIMINATE ANY POTENTIAL PONDING AND REVERSE FLOW WITHIN THE GUTTER. 13. 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. 14. THE CONTRACTOR SHALL RECONSTRUCT EACH SITE WITHIN 7 WORKING DAYS AFTER DEMOLITION. 15. COMPACT NATIVE SOIL TO 95% RELATIVE COMPACTION UNDER CURB, GUTTER, DRIVE APPROACH AND DRIVE WAY PER CALTRANS TEST 216 AND 90% RELATIVE COMPACTION UNDER SIDEWALK AND OTHER PEDESTRIAN AREAS. 16. APPLY TACK COAT TO EXISTING AC AND CONCRETE VERTICAL SURFACES PRIOR TO PAVING. 17. WHEN RESETTNG SIGNS WITHIN AREAS TO BE RECONSTRUCTED THE SIGN POSTS SHALL BE INSTALLED WITHIN A 6" LONG X 6" IN DIAMETER PVC SLEEVE. PLUG SLEEVE 2" FROM TOP WITH CONCRETE AFTER SIGN INSTALLATION. 18. 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. 19. THE SANITARY SEWER SYSTEM AND HOUSE CONNECTIONS, TOGETHER WITH WATER MAIN, GAS MAINS, IF ANY, AND THEIR RESPECTIVE SERVICE CONNECTIONS SHALL BE COMPLETED IN THE STREET BEFORE INSTALLATION OF THE THE STREET SURFACING. 20. INSTALL SIDEWALKS, CURBS, AND GUTTERS AS PER CITY OF FRESNO STANDARD DRAWING P-5 AND IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS. CURBS AND GUTTERS SHALL BE CONSTRUCTED BEFORE PLACING THE STREET SURFACING AND BASE COURSE. 21. THE TYPICAL CROSS SECTIONS SHOWN SHALL BE USED ONLY FOR THE PAVEMENT STRUCTURAL SECTION. OVERLAY THICKNESS AND SIDE SLOPES. SEE PLAN AND PROFILE SHEETS FOR HORIZONTAL LIMITS AND LOCATIONS OF CURB AND GUTTER, MEDIAN ISLANDS, SAWCUTTING, GRINDING, OVERLAYS, SIDEWALKS, FENCES, ROW LINES, EXISTING FEATURES AND ANY OTHER PROPOSED IMPROVEMENTS. THE TYPICAL CROSS SECTION SHOULD NOT BE USED FOR STAKING OF PROPOSED IMPROVEMENTS. 22. ALL BOUNDARY STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS PLAN. 23. THE TRANSITION BETWEEN THE EDGE AND END OF THE REQUIRED STREET SURFACING AND THE EXISTING SURFACING OR GROUND SHALL NOT HAVE A SLOPE STEEPER THAN 5 PERCENT.				24. TRAFFIC REQUIREMENTS: A. ALL SIGNING, DETOURING AND BARRICADING SHALL CONFORM TO THE 2014 CALIFORNIA SUPPLEMENT TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION. B. ALL SIGNS SHALL BE RETROFLECTIVE PER CHAPTER 2A.08 OF THE 2014 MUTCD. C. HIGH LEVEL WARNING DEVICES SHALL BE USED ON ALL APPROACHES TO THE CONSTRUCTION AREA. D. SPECIAL ATTENTION IS CALLED TO SECTION 7-10.1 THROUGH 10.3 OF THE CITY STANDARD SPECIFICATIONS. E. NO PUBLIC STREET SHALL BE CLOSED WITHOUT PRIOR APPROVAL FROM THE CITY TRAFFIC ENGINEER. 25. CONSTRUCT ACCESSIBLE RAMPS AND FINISH RAMP SURFACES AS DIRECTED BY ENGINEER. 26. ALL SEWER MANHOLES AFFECTED BY THIS PROJECT SHALL BE ADJUSTED TO GRADE AS NECESSARY AND INCLUDED IN THIS WORK. 27. REFER TO CITY OF FRESNO WATER PIPELINE REPLACEMENT PLANS FOR WATER VALVE REPLACEMENT. FOR COORDINATION WITH WATER DIVISION, CALL (55) 621-5360 28. APPROVAL OF STREET PLANS SHALL IN NO WAY BE CONSTRUED AS A GRANT BY THE CITY AND/OR COUNTY OF ANY RIGHTS TO THE CONTRACTOR TO TRESPASS UPON LAND RIGHTFULLY IN THE POSSESSION OF, OR OWNED BY ANOTHER, WHETHER SUCH LAND IS PRIVATELY OR PUBLICLY OWNED. THE OF, OR OWNED BY ANOTHER, WHETHER SUCH LAND IS PRIVATELY OR PUBLICLY OWNED. THE CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION FROM ANY ADJACENT PROPERTY OWNER GIVING HIM PERMISSION TO ENTER HIS PROPERTY FOR PURPOSE OF CONSTRUCTING THE IMPROVEMENTS DELINEATED ON THESE PLANS AND TRANSITIONS THERETO. THE CONTRACTOR SHALL PROVIDE THE CITY AND/OR COUNTY WITH A COPY OF OWNERS PERMISSION PRIOR TO START OF WORK. 29. CONTRACTOR TO FURNISH AND INSTALL LOCAL STREET NAME SIGNS AT EACH INTERSECTION																			
UTILITY NOTES																							
1. LOCATIONS OF EXISTING UNDERGROUND FACILITIES ARE APPROXIMATE EXACT DEPTH AND LOCATIONS ARE UNKNOWN. 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.																							
CITY OF FRESNO GENERAL NOTES																							
GENERAL NOTES, STREET PLAN: 1. THE WORK EMBRACED HEREIN SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE PROVISIONS OF THE SPECIFICATIONS ENTITLED CITY OF FRESNO, STANDARD SPECIFICATIONS, LATEST EDITION, INsofar AS THE SAME MAY APPLY, WHICH SPECIFICATIONS HEREINAFTER ARE REFERRED TO AS THE STANDARD SPECIFICATION. 2. CONTRACTOR WILL NOTIFY F.M.F.C.D CONSTRUCTION MANAGER, AT (559) 456-3292, 48 HOURS PRIOR TO CONNECTING TO ANY STORM DRAIN FACILITY. 3. TWO WORKING DAYS PRIOR TO COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT, TOLL FREE, AT 1-800-227-2600 OR 811. 4. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF AN OWNER'S WRITTEN AUTHORIZATION AND/OR SIGNED USE AGREEMENT PRIOR TO THE START OF WORK FOR ANY TEMPORARY WORK AREA, STANDING AREA, OR EQUIPMENT STORAGE FACILITIES TO BE USED FOR THIS PROJECT. AT THE COMPLETION OF WORK, THE CONTACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF A WRITTEN RELEASE LETTER STATING THAT ALL TEMPORARY USES FACILITIES HAVE BEEN RESTORED BACK TO THE OWNER'S SATISFACTION. 5. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES AND PROVIDE PROTECTION PRIOR TO AND DURING CONSTRUCTION. 6. IN THE EVENT OVERHEAD ELECTRICAL LINES EXIST WITHIN THE LIMITS OF CONSTRUCTION, MAINTAIN PROPER CLEARANCE. CONTACT P.G.& E TO VERIFY WIRE LOCATION.				GENERAL NOTES, SIGNING AND STRIPING: 1. WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, INCLUDING ALL REVISIONS. THE LATEST CALTRANS ADOPTED EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), AND THE LATEST EDITION OF THE CITY OF FRESNO STANDARD SPECIFICATIONS, DRAWINGS, AND SPECIAL PROVISIONS. 2. ALL SIGNS SHALL BE TYPE III OR IV RETROREFLECTIVE SHEETING PER ASTM D4956-09. ALL SIGNS SHALL BE COVERED WITH A TRANSLUCENT ANTI-GRAFFITI FLUOROPOLYMER FILM THAT DOES NOT IMPAIR THE REFLECTIVITY OF THE SIGN. 3. WITH THE EXCEPTION OF BIKE LANE SYMBOLS, ALL STRIPING SHALL BE THERMOPLASTIC. 4. ALL CROSSWALKS SHALL BE 12 FEET WIDE, OUTSIDE EDGE TO OUTSIDE EDGE. 5. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW TYPE K-1 (CA) MARKERS ON ALL MEDIAN ISLAND NOSES, UNLESS OTHERWISE NOTED ON THE PLAN. 6. THE CONTRACTOR SHALL INSTALL DETAIL 26 (RETRO-REFLECTIVE PAVEMENT MARKERS) ALONG ALL RAISED MEDIANS, AS PER 2014 CALIFORNIA MUTCD. 7. THE CONTRACTOR SHALL PAINT THE RADII OF ALL RAISED MEDIAN ISLAND NOSES WITH TWO COATS OF YELLOW TRAFFIC PAINT WITH RETRO REFLECTIVE GLASS BEADS, UNLESS OTHERWISE NOTED ON THE PLAN. 8. SIGNS SHALL BE INSTALLED PER CITY STANDARD DRAWING P-88, UNLESS OTHERWISE NOTED ON THE PLANS. 9. ALL R28(S)(CA) SIGNS SHALL BE "TOW-AWAY/NO STOPPING ANY TIME" SIGNS PER CITY STANDARD DRAWING P-91.																			
		DATE		RECORD DRAWING		SCALE		 SUPERVISING ENGINEER 3/11/2025 DATE				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING							
DESIGNED: DK		3/11/25		RESIDENT ENGINEER		DATE						JENSEN AVENUE IMPROVEMENT PROJECT				WEST AVENUE TO FRUIT AVENUE		GENERAL NOTES					
DRAWN: EC		3/11/25										ROAD NO. S0200				BRIDGE NO. N/A		DRAWING NO. 11290		SHEET NO. 3		TOTAL 19	
CHECKED: SA		3/11/25																					
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																							

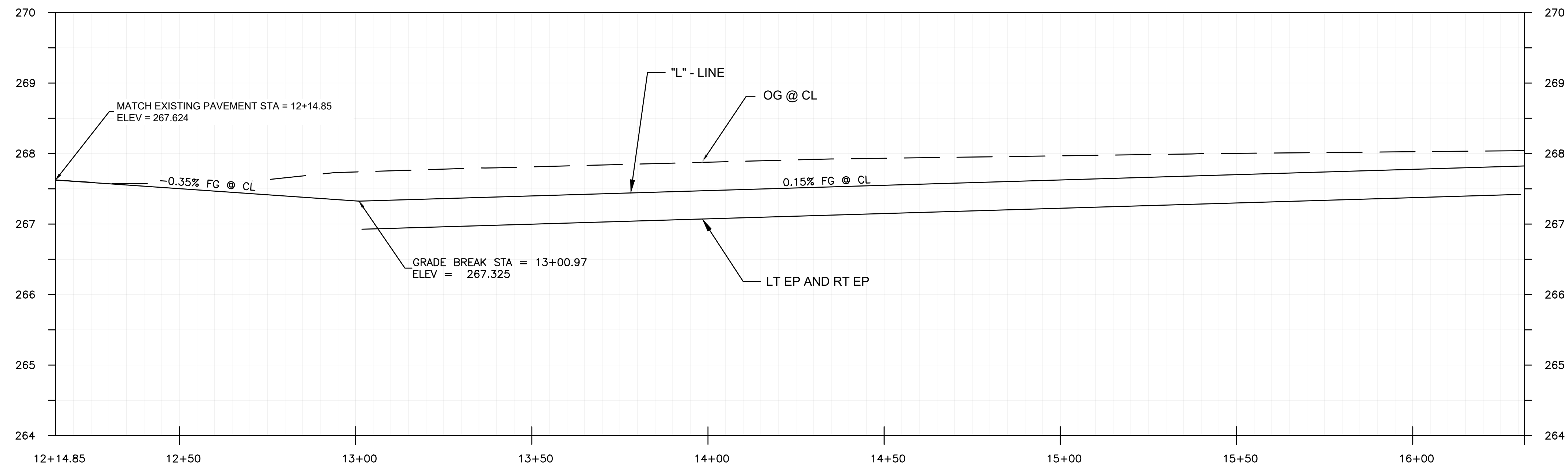
NOTE:
SEE PLAN FOR ROADSIDE
DITCH LOCATIONS.



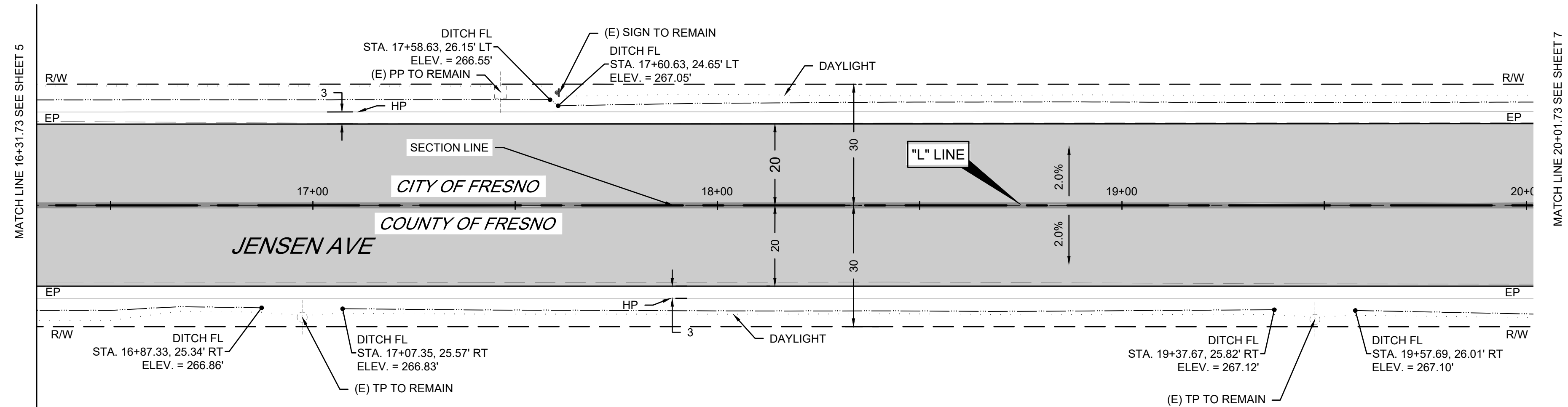
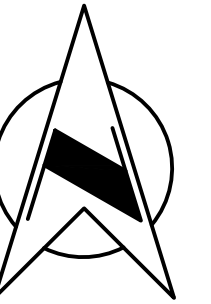
		DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER	3/11/2025 DATE		PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING								
DESIGNED: DK		3/11/25	RESIDENT ENGINEER		NOT TO SCALE					JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE			TYPICAL SECTIONS								
DRAWN: EC		3/11/25																			
CHECKED: SA		3/11/25																			
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																					
ROAD NO.		S0200		BRIDGE NO.		N/A				DRAWING NO.		11290		SHEET NO.		4		TOTAL		19	



NOTE:
THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.

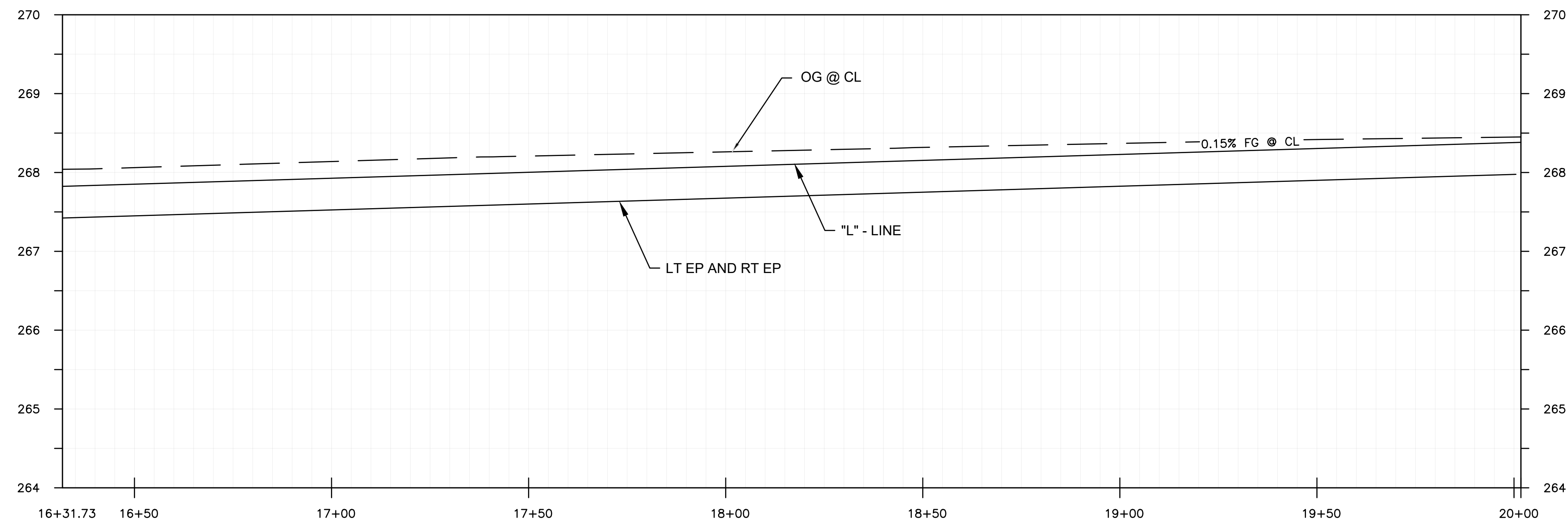


DESIGNED: DK		DATE	3/11/25		RECORD DRAWING		SCALE		HORIZ 0 20' 40'		VERT 0 1' 2'		3/11/2025		DATE		PROJECT		JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE		ROAD NO. S0200		BRIDGE NO. N/A		DEPARTMENT OF PUBLIC WORKS AND PLANNING		CONSTRUCTION PLAN AND PROFILE		DRAWING NO. 11290		SHEET NO. 5		TOTAL 19	
DRAWN: EC		DATE	3/11/25		RESIDENT ENGINEER		SCALE		HORIZ 0 20' 40'		VERT 0 1' 2'		3/11/2025		DATE		PROJECT		JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE		ROAD NO. S0200		BRIDGE NO. N/A		DEPARTMENT OF PUBLIC WORKS AND PLANNING		CONSTRUCTION PLAN AND PROFILE		DRAWING NO. 11290		SHEET NO. 5		TOTAL 19	
CHECKED: SA		DATE	3/11/25		RESIDENT ENGINEER		SCALE		HORIZ 0 20' 40'		VERT 0 1' 2'		3/11/2025		DATE		PROJECT		JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE		ROAD NO. S0200		BRIDGE NO. N/A		DEPARTMENT OF PUBLIC WORKS AND PLANNING		CONSTRUCTION PLAN AND PROFILE		DRAWING NO. 11290		SHEET NO. 5		TOTAL 19	



NOTE:

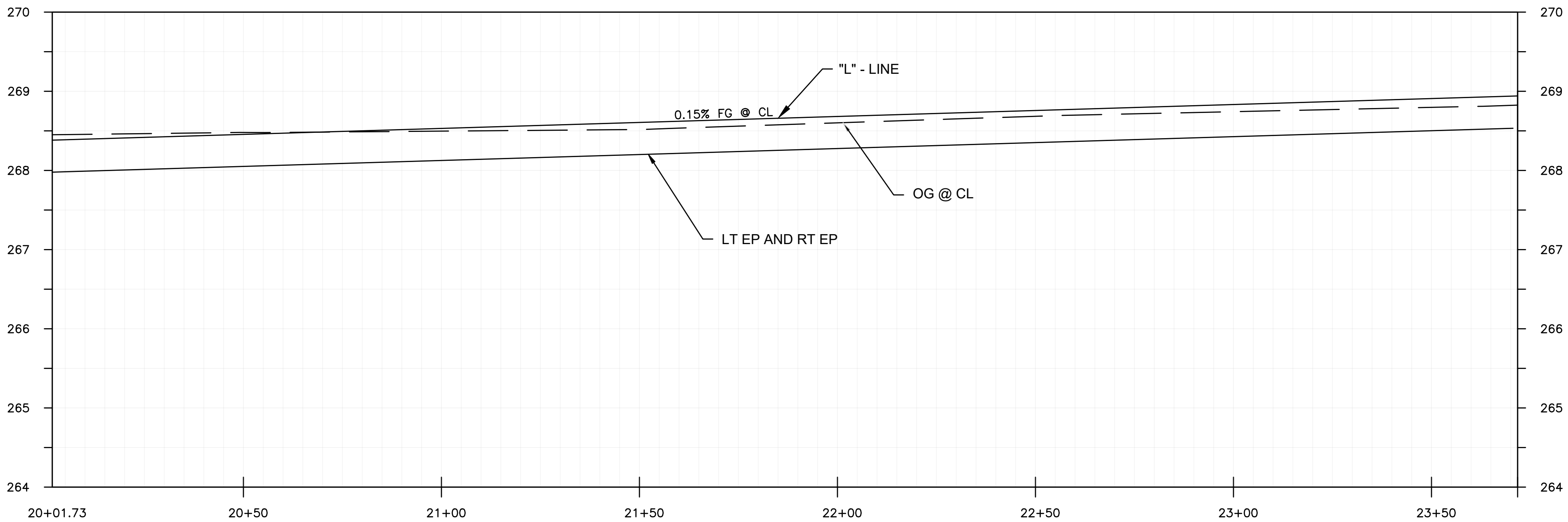
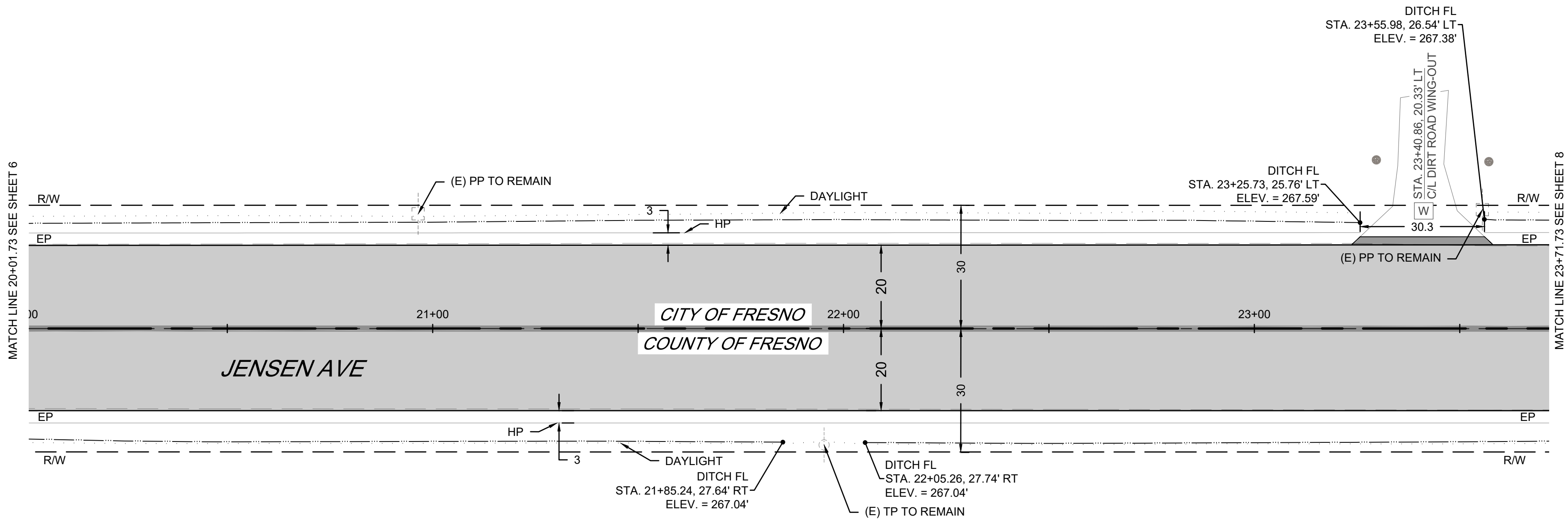
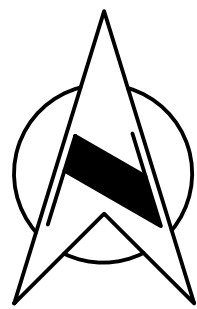
THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



DESIGNED: DK		DATE	3/11/25	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		DATE	3/11/25	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		CONSTRUCTION PLAN AND PROFILE	
CHECKED: SA		DATE	3/11/25			VERT 0 1' 2'		WEST AVENUE TO FRUIT AVENUE			
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.				SUPERVISING ENGINEER		3/11/2025		ROAD NO. S0200		BRIDGE NO. N/A	
										DRAWING NO. 11290	
										SHEET NO. 6	
										TOTAL 19	

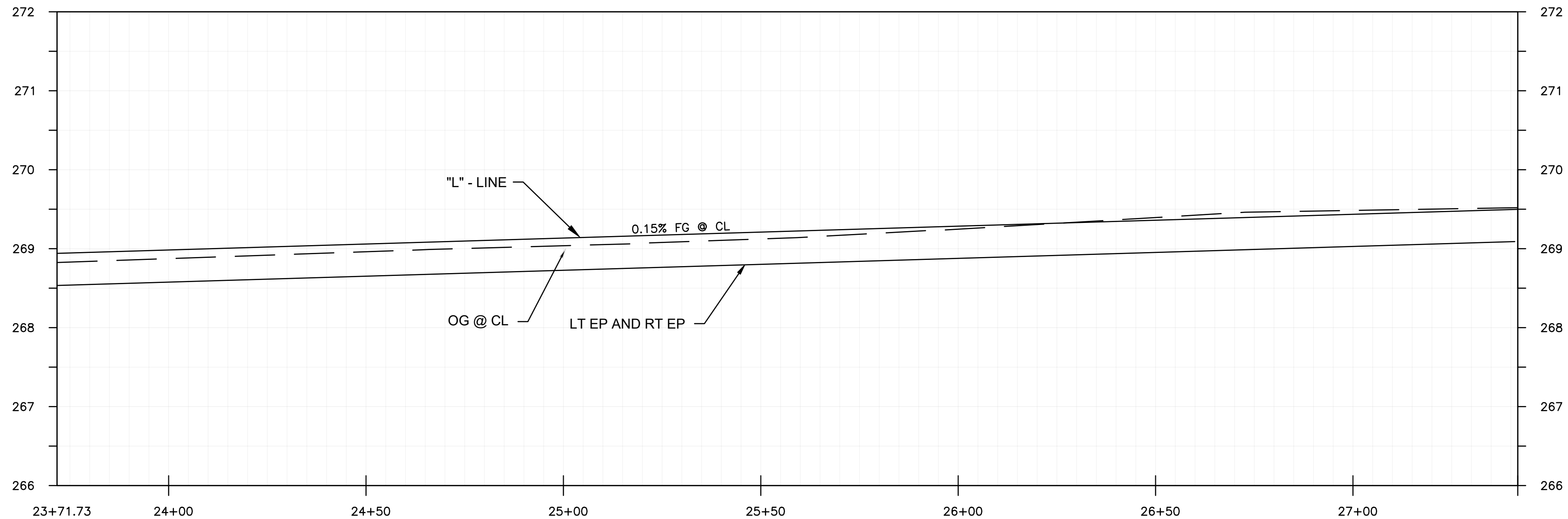
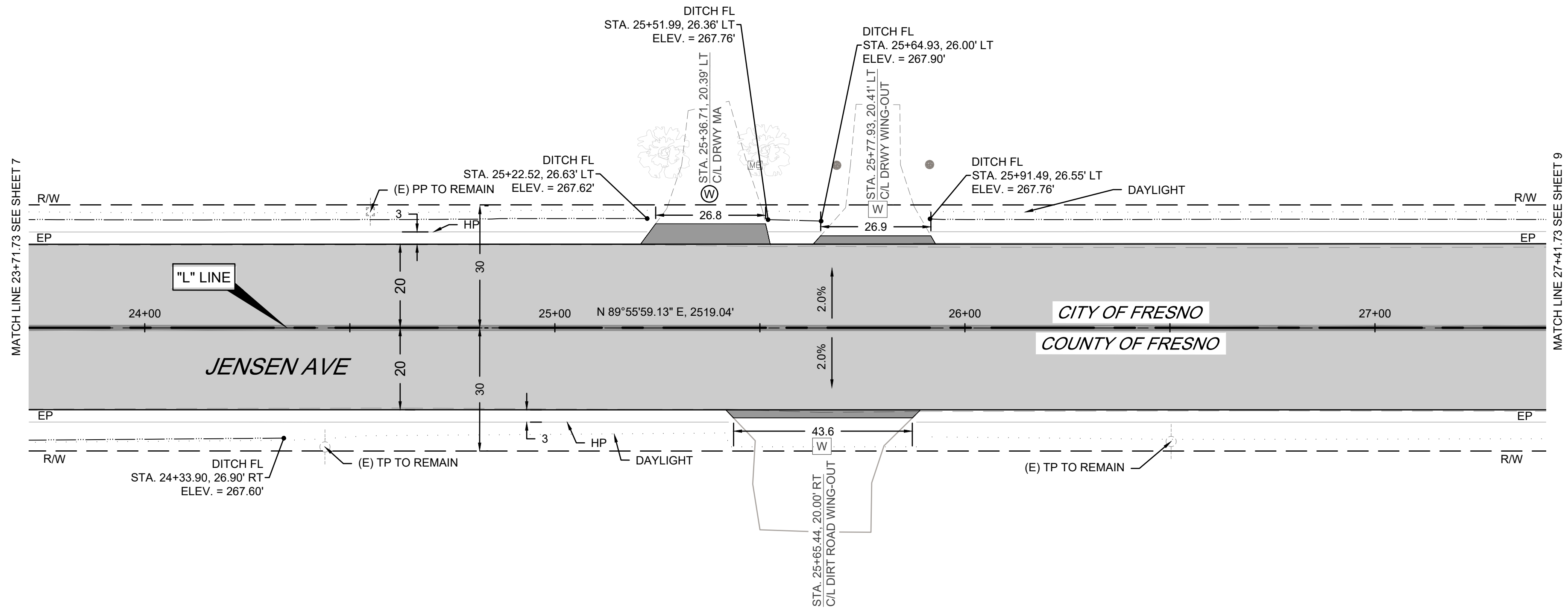
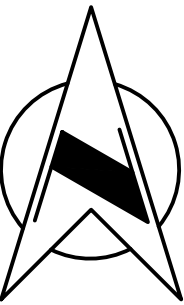
NOTE:

THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/25	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		CONSTRUCTION PLAN AND PROFILE	
CHECKED: SA		3/11/25			VERT 0 1' 2'		WEST AVENUE TO FRUIT AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 7	
									TOTAL 17	

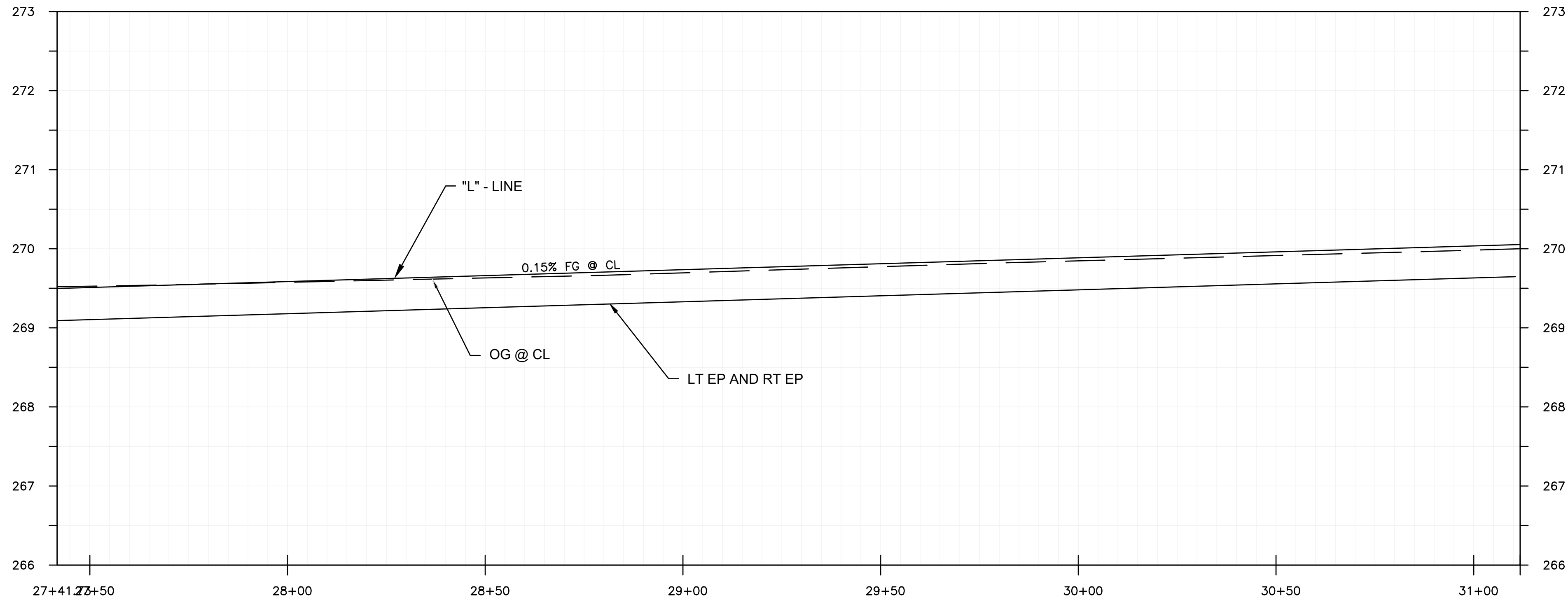
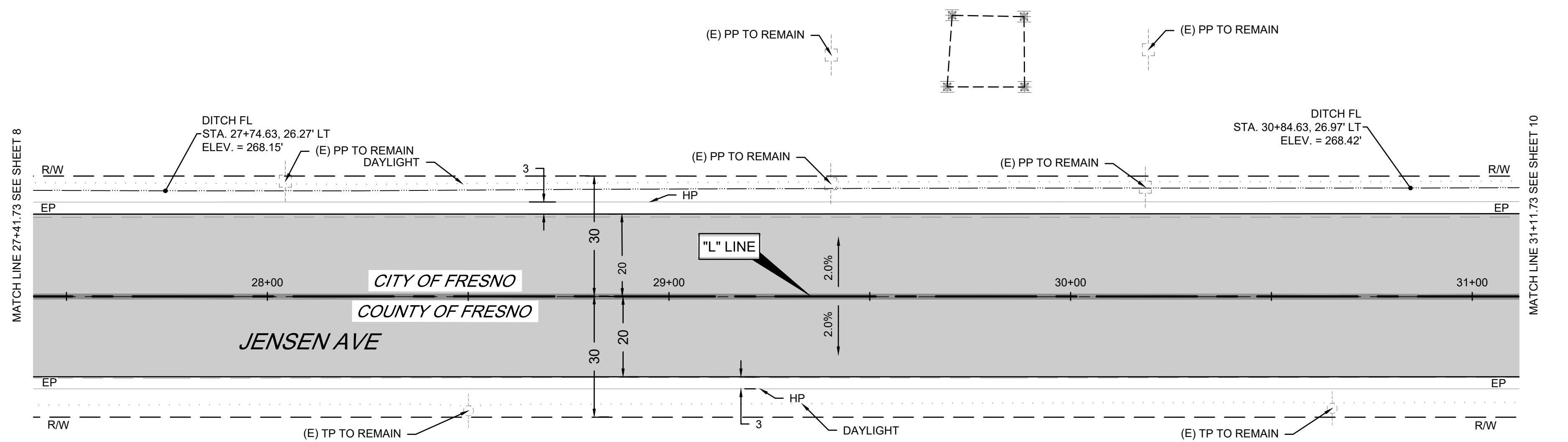
NOTE:
THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DESIGNED: DK	DATE 3/11/25	RESIDENT ENGINEER	DATE	JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE		CONSTRUCTION PLAN AND PROFILE	
DRAWN: EC	3/11/25						
CHECKED: SA	3/11/25						
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.				ROAD NO. S0200 BRIDGE NO. N/A		DRAWING NO. 11290 SHEET NO. 8 TOTAL 19	

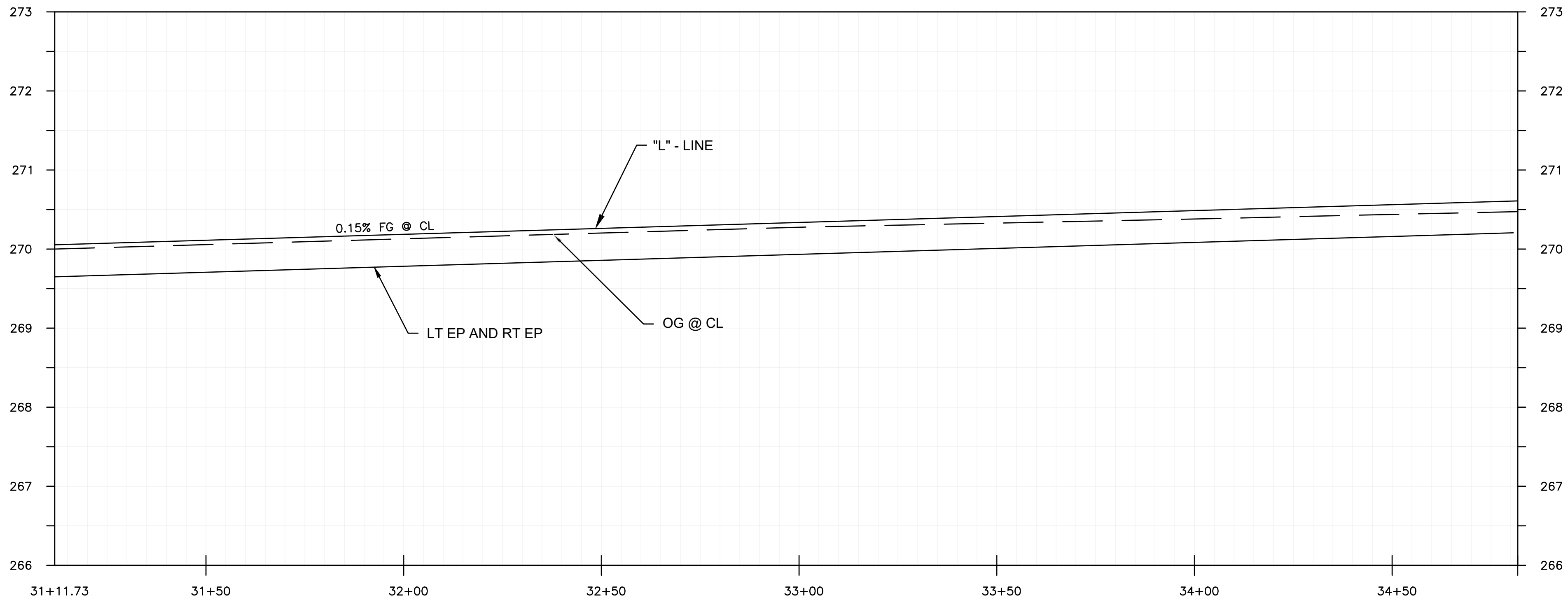
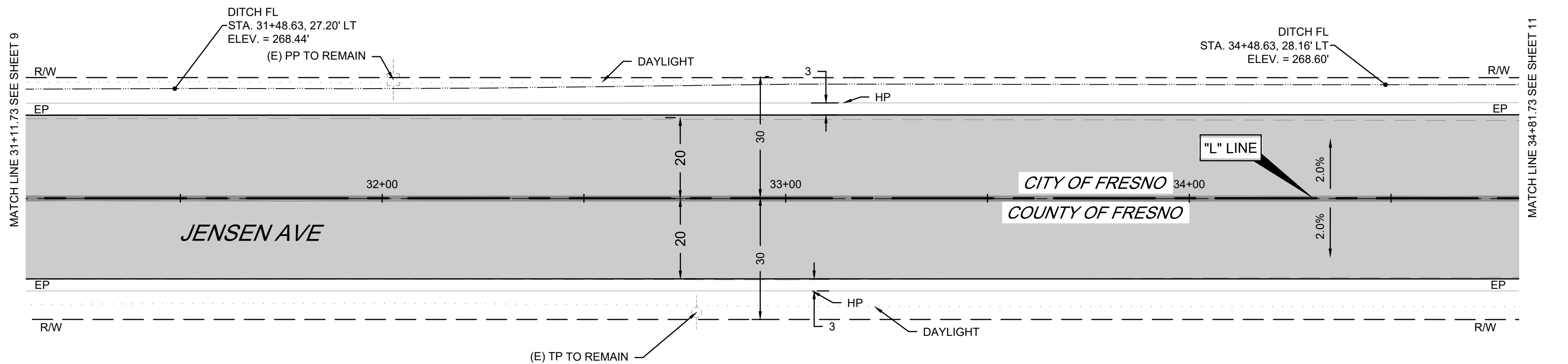
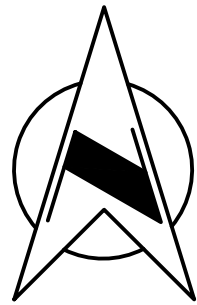
NOTE:

THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POTHOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



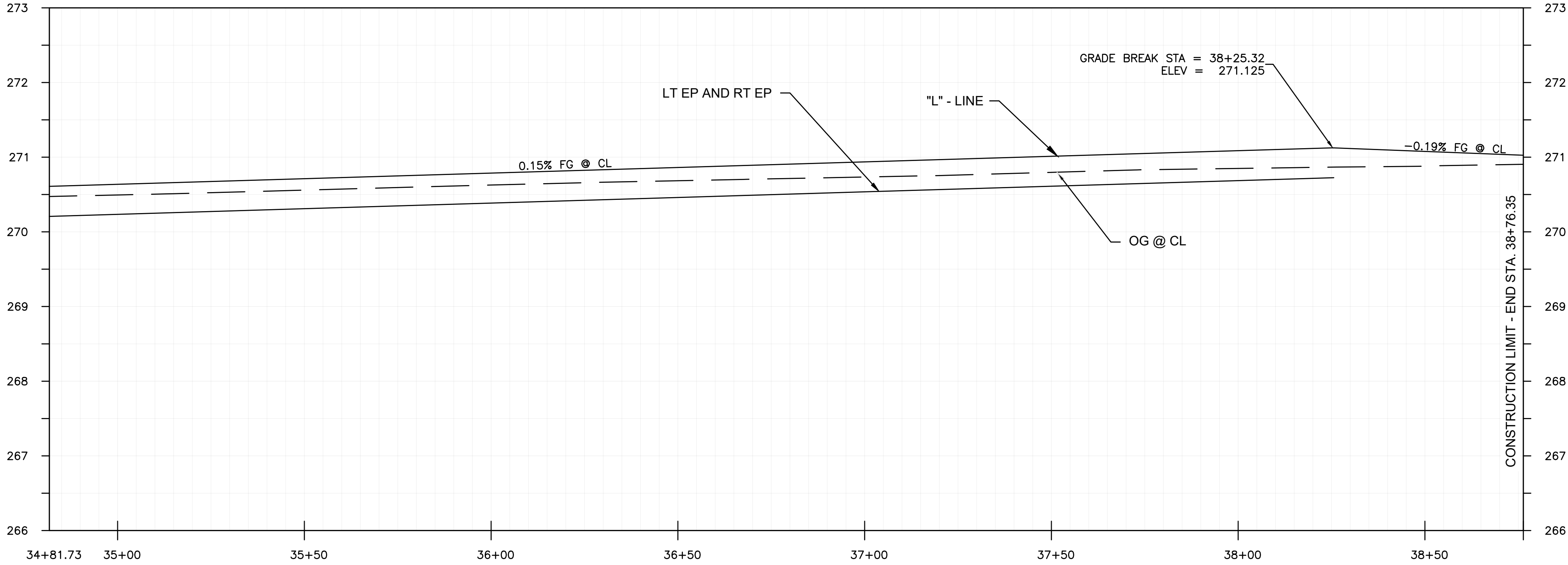
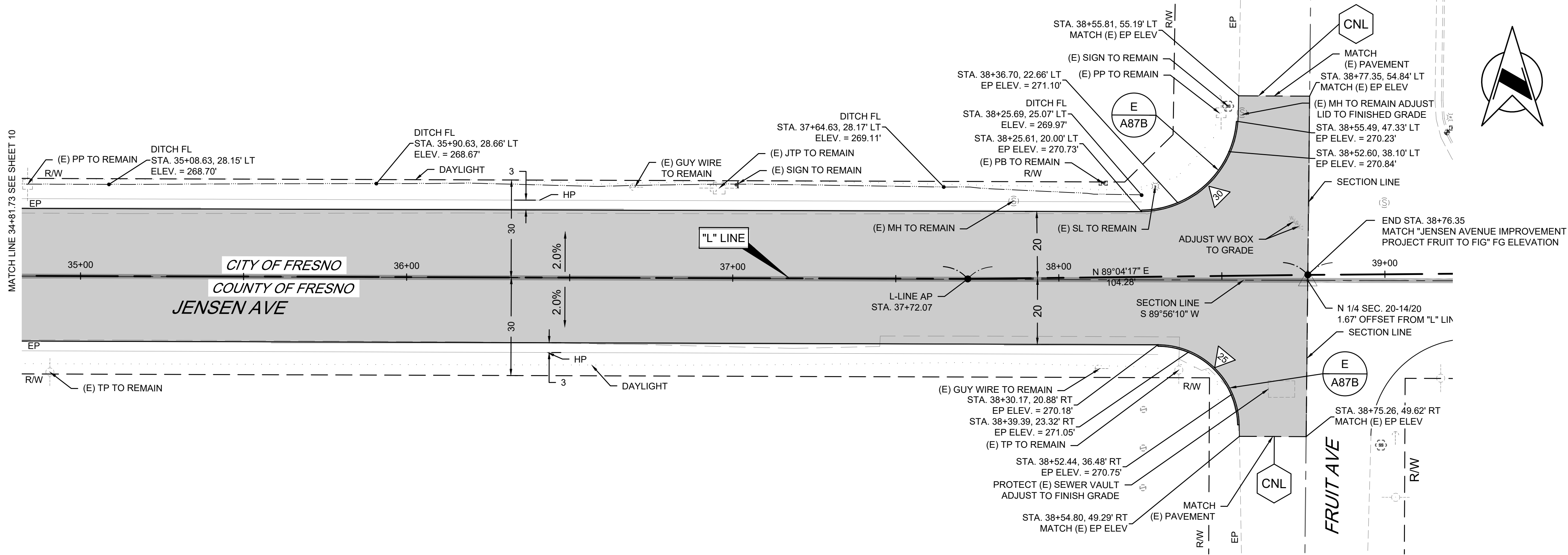
DESIGNED: DK		DATE		RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/25		RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		CONSTRUCTION PLAN AND PROFILE	
CHECKED: SA		3/11/25				VERT 0 1' 2'		WEST AVENUE TO FRUIT AVENUE			
								ROAD NO. S0200		DRAWING NO. 11290	
								BRIDGE NO. N/A		SHEET NO. 9	
										TOTAL 19	

NOTE:
THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.

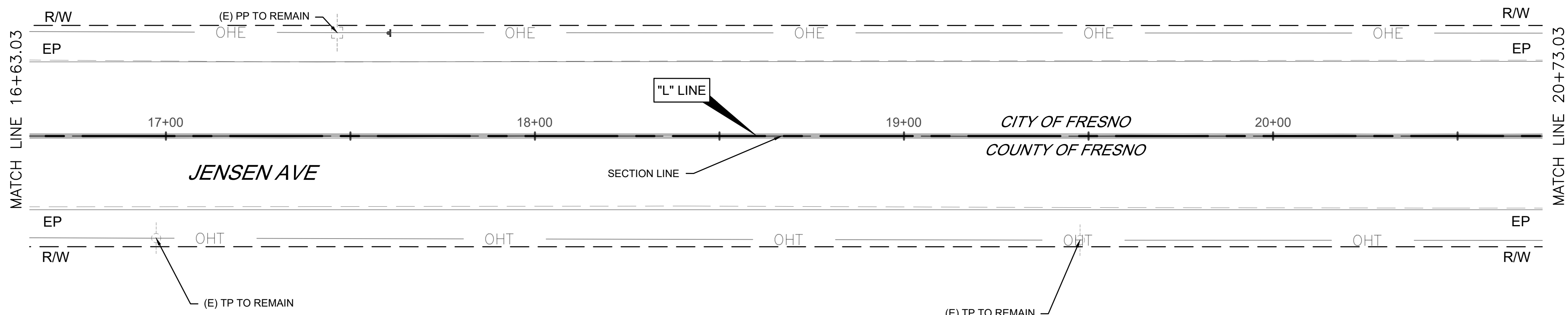
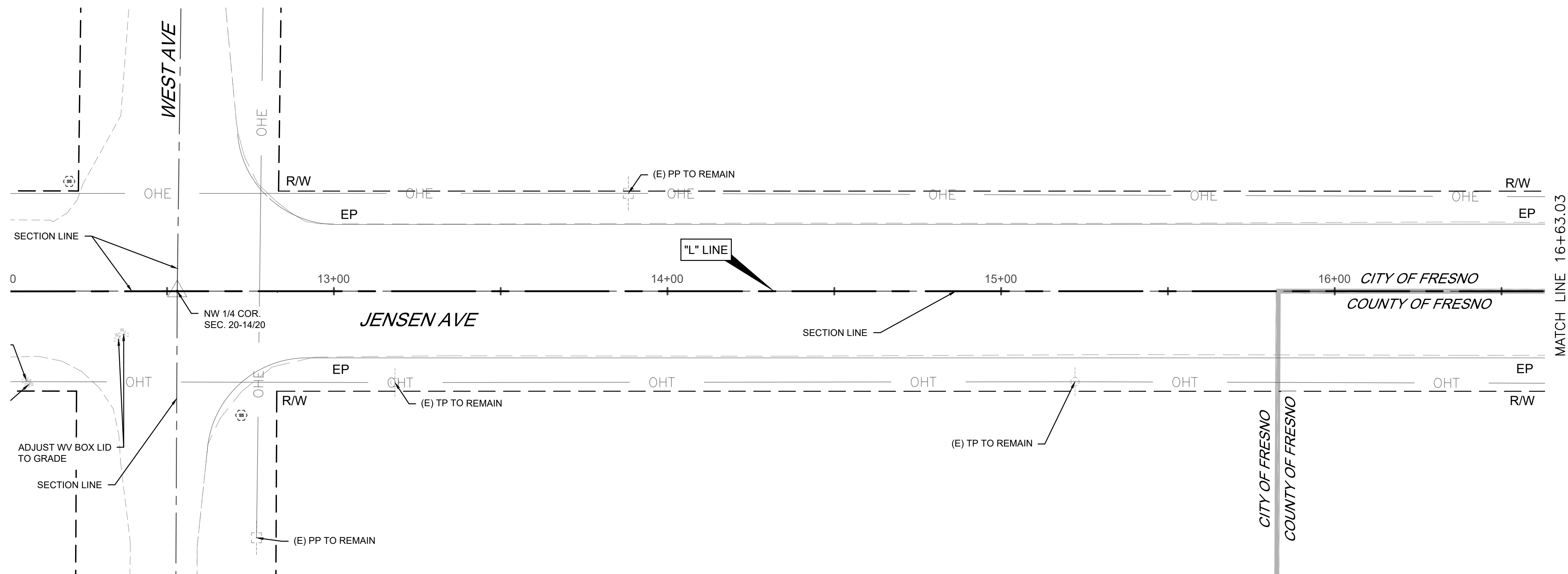


DESIGNED: DK		DATE		RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/25		RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		CONSTRUCTION PLAN AND PROFILE	
CHECKED: SA		3/11/25				VERT 0 1' 2'		WEST AVENUE TO FRUIT AVENUE			
								ROAD NO. S0200		DRAWING NO. 11290	
								BRIDGE NO. N/A		SHEET NO. 10	
										TOTAL 19	

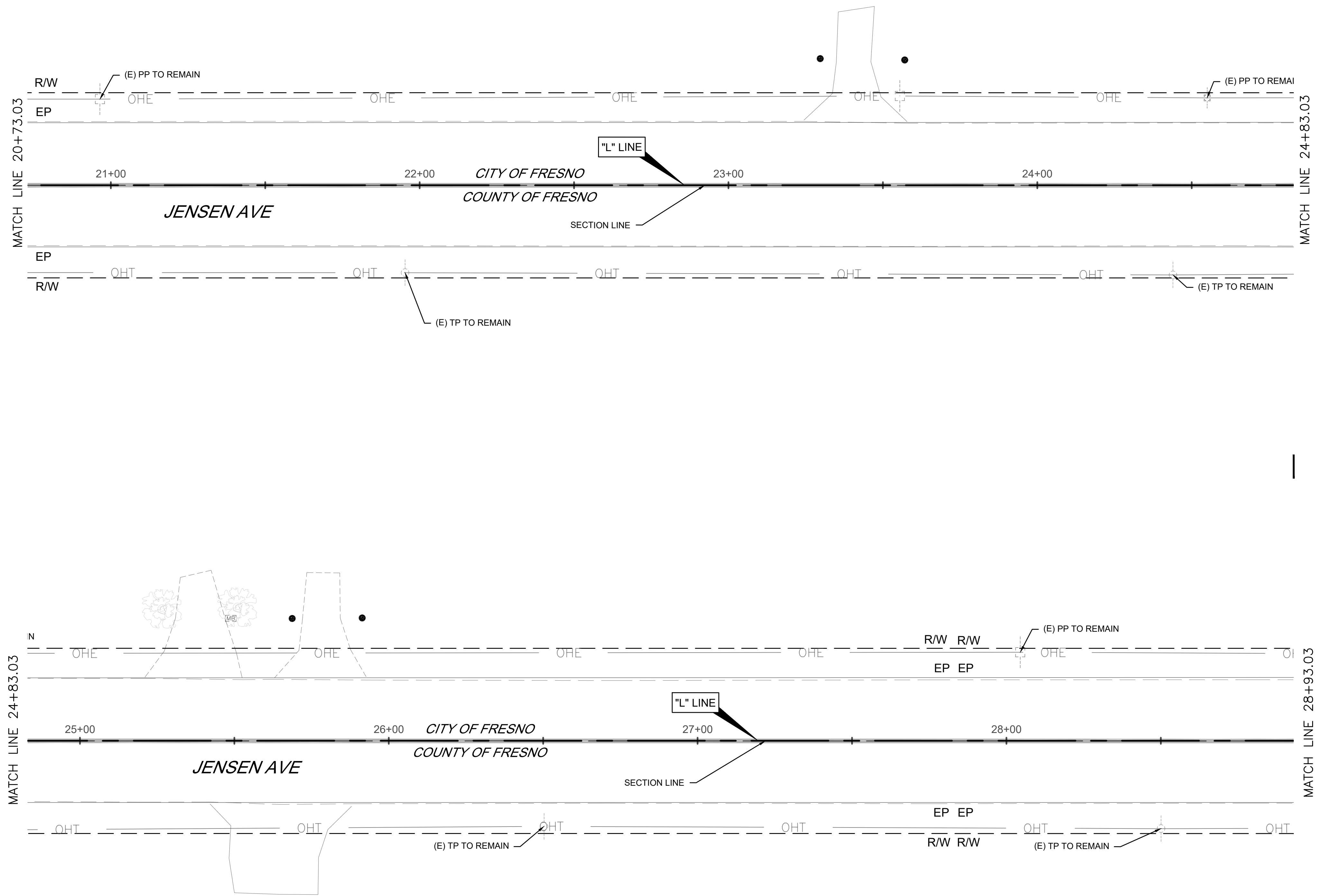
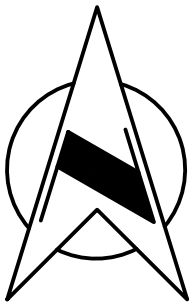
NOTE:
THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION.
LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POTHOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



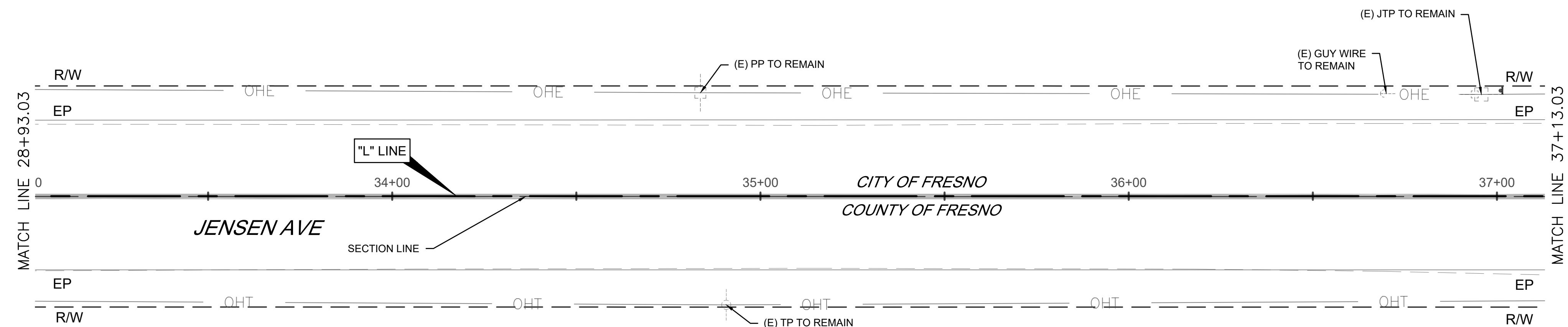
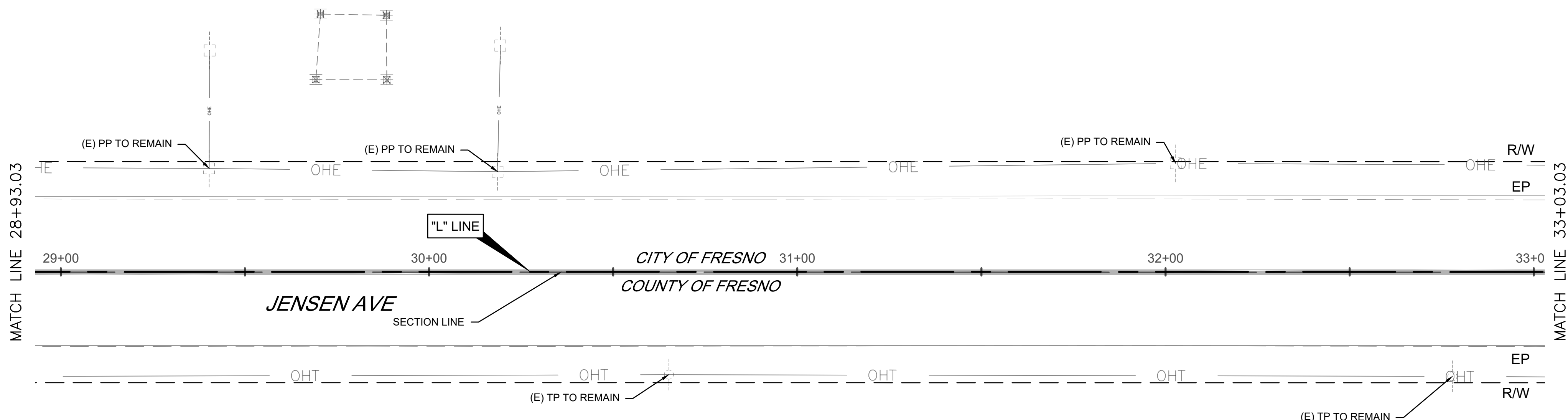
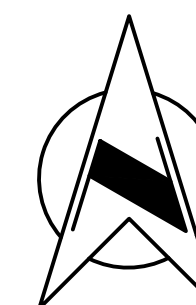
		DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING			
DESIGNED: DK		3/11/25	RESIDENT ENGINEER		DATE						HORIZ 0 20' 40'				JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE		CONSTRUCTION PLAN AND PROFILE	
DRAWN: EC		3/11/25									VERT 0 1' 2'				ROAD NO. S0200		BRIDGE NO. N/A	
CHECKED: SA		3/11/25																
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																		



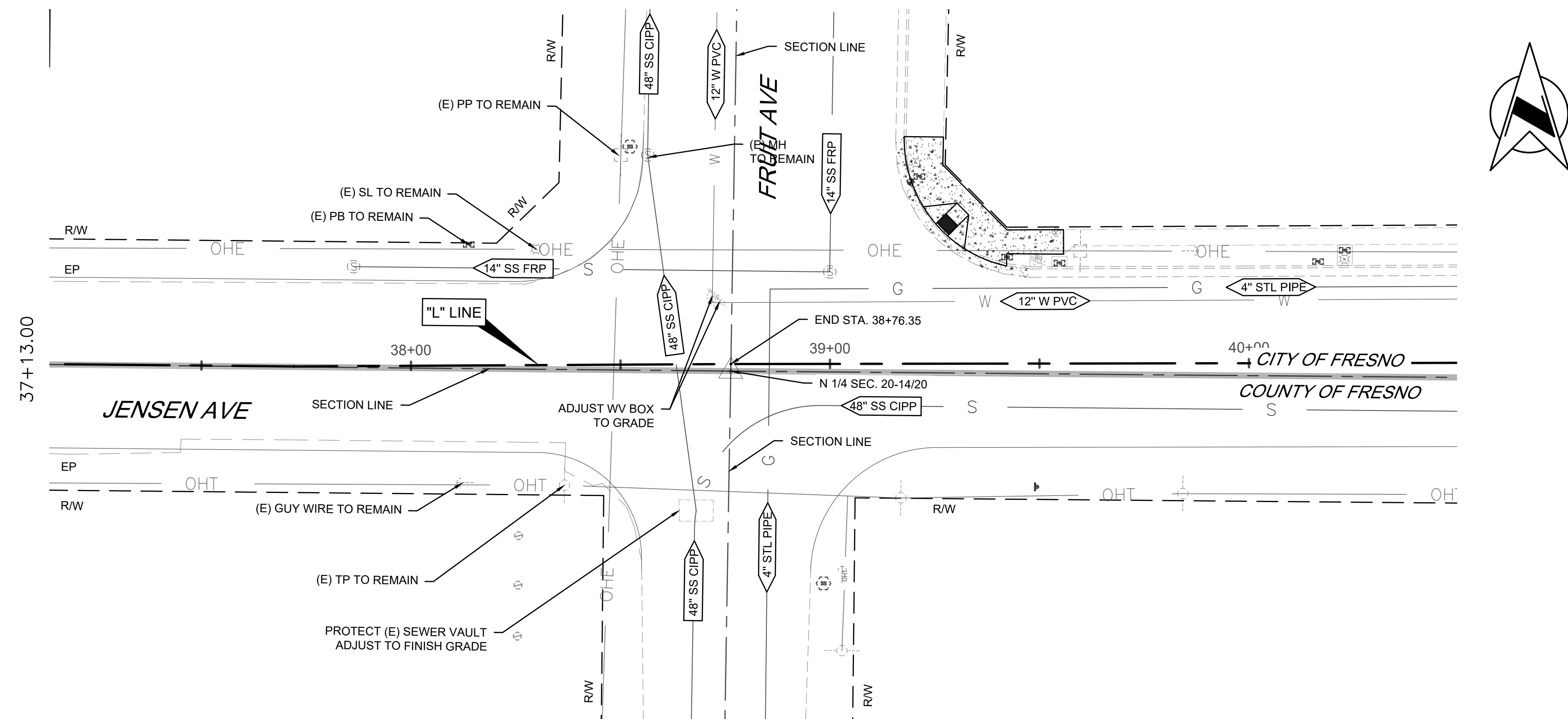
	DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER	 3/11/2025 DATE	PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING			
DESIGNED: DK	3/11/25	RESIDENT ENGINEER		DATE	HORIZ  VERT 			JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE			EXISTING UTILITIES PLAN			
DRAWN: EC	3/11/25							ROAD NO. S0200			BRIDGE NO. N/A	DRAWING NO. 11290		
CHECKED: SA	3/11/25											SHEET NO. 13		
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.												TOTAL 19		



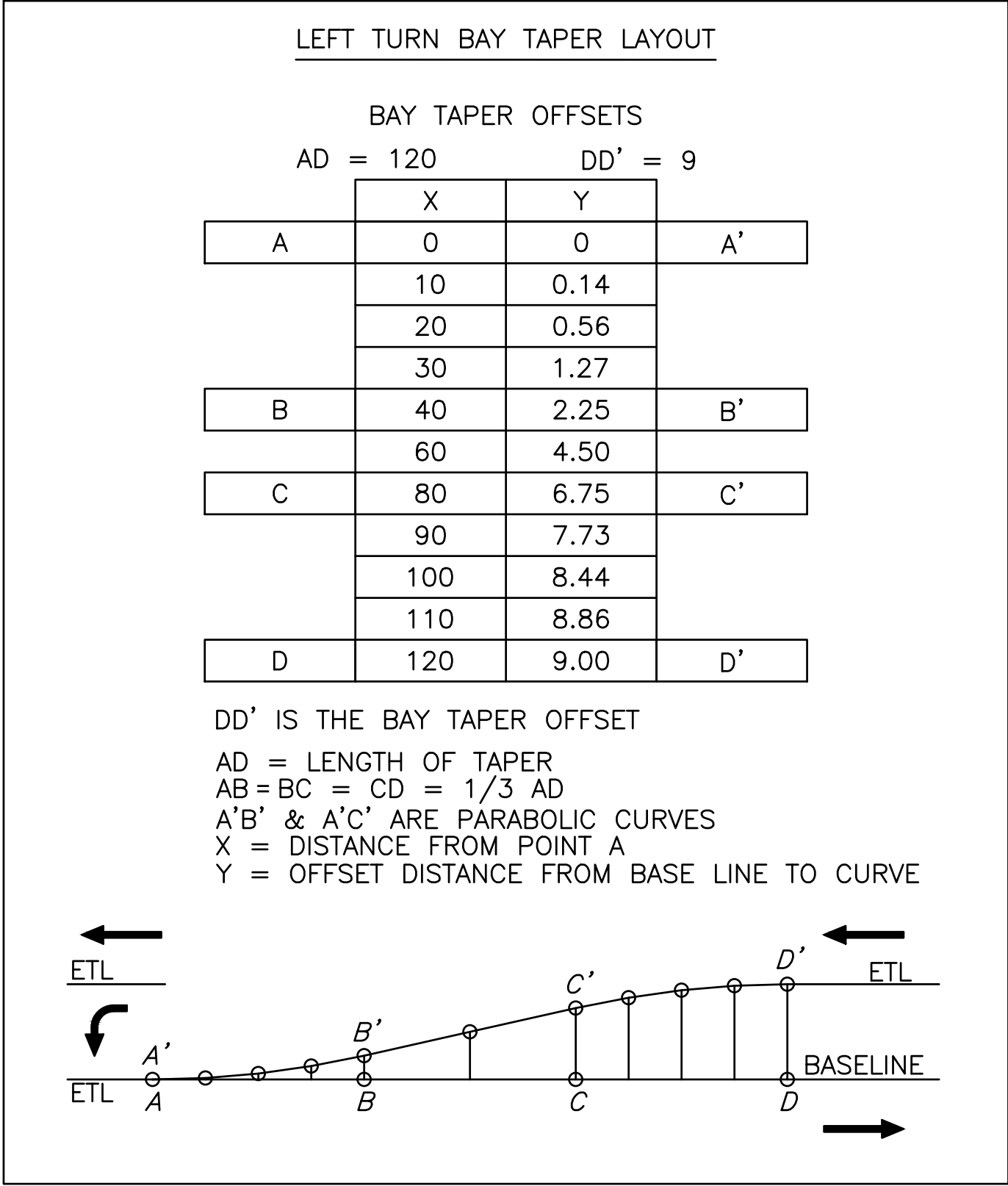
	DATE	RECORD DRAWING		SCALE		 3/11/2025 DATE		PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK	3/11/25	RESIDENT ENGINEER		DATE				JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE			EXISTING UTILITIES PLAN		
DRAWN: EC	3/11/25												
CHECKED: SA	3/11/25												
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.													



	DATE	RECORD DRAWING		SCALE		 3/11/2025 DATE		PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING						
DESIGNED: DK	3/11/25	RESIDENT ENGINEER		DATE				JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE			EXISTING UTILITIES PLAN						
DRAWN: EC	3/11/25																
CHECKED: SA	3/11/25																
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.								ROAD NO.	S0200	BRIDGE NO.	N/A	DRAWING NO.	11290	SHEET NO.	15	TOTAL	19



	DATE	RECORD DRAWING		SCALE		 3/11/2025 DATE		PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK	3/11/25	RESIDENT ENGINEER		DATE	HORIZ 0 20' 40' VERT 0 1' 2'			JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE			EXISTING UTILITIES PLAN		
DRAWN: EC	3/11/25												
CHECKED: SA	3/11/25												
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.													
								ROAD NO. S0200	BRIDGE NO. N/A		DRAWING NO. 11290	SHEET NO. 16	TOTAL 19



LEGEND	
	TRAFFIC STRIPE IN ACCORDANCE WITH CALTRANS STANDARD PLANS, NUMBER INDICATES DETAIL NUMBER ON STANDARD PLANS
	JOIN AND MATCH EXISTING STRIPING ALIGNMENT
	PLACE 12" WIDE LIMIT LINE (WHITE) PER CALTRANS STD. A24G
	PLACE TWO 4" WIDE LINES SPACED 3" APART (WHITE)
	PLACE 12" WIDE CHEVRON CROSSHATCH SPACED 24' APART (WHITE)
	PLACE STOP LEGEND
	PLACE INSTALL AHEAD LEGEND
	TRAFFIC SIGN. TEXT INDICATES CA MUTCD SIGN CODE
	EXISTING SIGN TO REMAIN OR BE RELOCATED AS DIRECTED BY THE ENGINEER, TEXT INDICATES CA MUTCD SIGN CODE

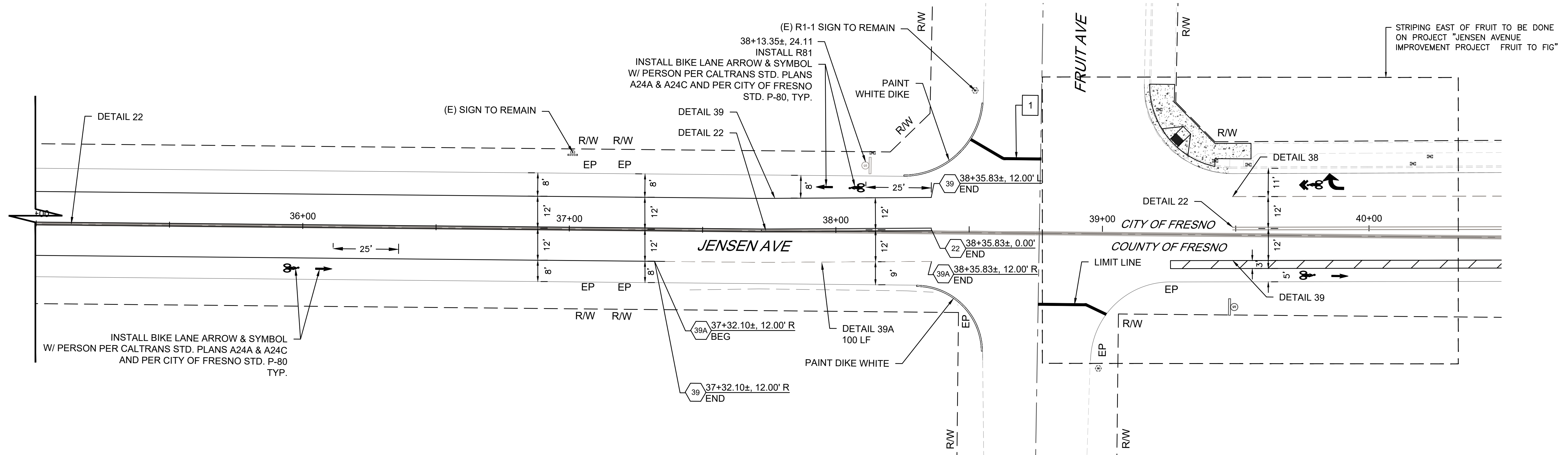
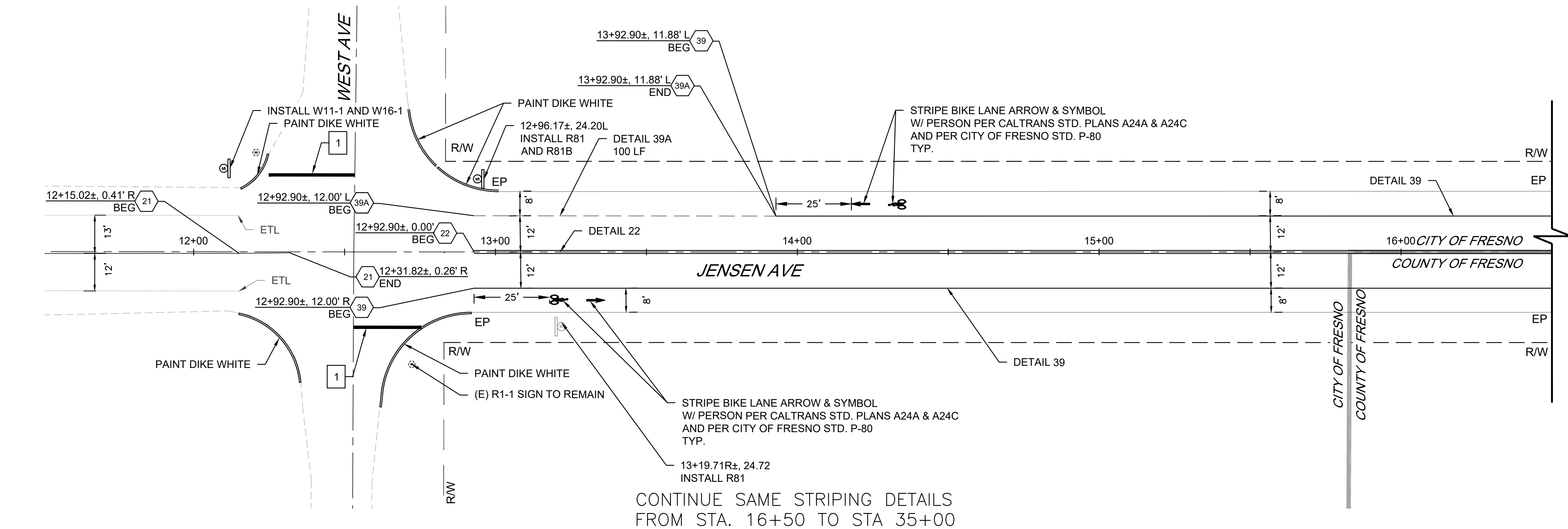
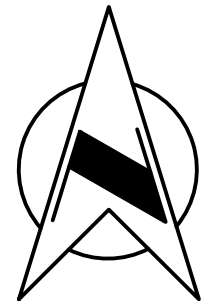
CITY OF FRESNO PUBLIC WORKS DEPARTMENT GENERAL NOTES FOR SIGNING AND STRIPING PLANS FOR A PERMIT PROJECT	
GENERAL NOTES; SIGNING AND STRIPING; PERMIT; MAY 2018	
1.	WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, INCLUDING ALL REVISIONS. THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2014 CALIFORNIA MUTCD), THE LATEST EDITION OF THE CITY OF FRESNO STANDARD SPECIFICATIONS AND DRAWINGS, AND THE SPECIAL PROVISIONS.
2.	THESE PLANS ARE ACCURATE FOR SIGNING AND STRIPING ONLY.
3.	ALL SIGNS SHALL BE 3M-3930HIP TYPE III & IV SERIES REFLECTIVE SHEETING AND BE COVERED WITH 1160A PREMIUM OVERLAY ANTI-GRAFFITI FILM OR AVERY DENNISON T6500 SERIES REFLECTIVE SHEETING AND SHALL BE COVERED WITH AVERY DENNISON OL1000ANTI-GRAFFITI OVERLAY FILM.
4.	ALL SALVAGED MATERIALS SHALL BE DELIVERED TO THE CITY OF FRESNO CORPORATION YARD AT 2101 G. STREET, FRESNO. THE CONTRACTOR SHALL NOTIFY THE CITY SIGN SHOP, (559) 621-1492, AT LEAST TWO WORKING DAYS PRIOR TO DELIVERY.
5.	EXISTING STRIPING, SYMBOLS, LEGENDS, AND MARKINGS TO BE REMOVED SHALL BE DONE BY WET SANDBLASTING. DRY SANDBLASTING MAY BE USED IN SELECTED AREAS ONLY WITH THE PERMISSION OF THE CITY TRAFFIC ENGINEER AND WITH THE APPROVAL OF THE AIR POLLUTION CONTROL DISTRICT. ALTERNATE METHODS OF REMOVAL REQUIRE APPROVAL OF THE CITY TRAFFIC ENGINEER. AFTER REMOVAL, SLURRY SEAL SHALL BE APPLIED TO THE AFFECTED AREAS.
6.	WITH THE EXCEPTION OF BIKE LANE SYMBOLS, ALL STRIPING SHALL BE THERMOPLASTIC.
7.	ALL CROSSWALKS SHALL BE 12 FEET WIDE, OUTSIDE EDGE TO OUTSIDE EDGE.
8.	THE CONTRACTOR SHALL FURNISH AND INSTALL NEW TYPE K-1 (CA) MARKERS ON ALL MEDIAN ISLAND NOSES, UNLESS OTHERWISE NOTED ON THE PLAN.
9.	THE CONTRACTOR SHALL INSTALL DETAIL 26 (RETRO-REFLECTIVE PAVEMENT MARKERS) ALONG ALL RAISED MEDIANS, AS PER 2014 CALIFORNIA MUTCD.
10.	THE CONTRACTOR SHALL PAINT THE RADII OF ALL RAISED MEDIAN ISLAND NOSES WITH TWO COATS OF YELLOW TRAFFIC PAINT WITH RETRO REFLECTIVE GLASS BEADS, UNLESS OTHERWISE NOTED ON THE PLAN.
11.	SIGNS SHALL BE INSTALLED PER CITY STANDARD DRAWING P-88, UNLESS OTHERWISE NOTED ON THE PLANS.
12.	ALL R28(S)(CA) SIGNS SHALL BE "TOW-AWAY/NO STOPPING ANY TIME" SIGNS PER CITY STANDARD DRAWING P-91.

CA MUTCD CODE	PANEL SIZE (INCHES)	DESCRIPTION	POST LENGTH (FEET)
R1-1	30 X 30	STOP	10
R2-1 (XX)	24 X 30	SPEED LIMIT (SEE PLANS FOR SPEED LIMIT)	12
W3-1	36 X 36	STOP AHEAD	12
TYPE F	N/A	WHITE CLASS 1 DELINEATOR	*
TYPE P(CA) (R)	12 X 36	YELLOW OBJECT MARKER, RIGHT SIDE	8

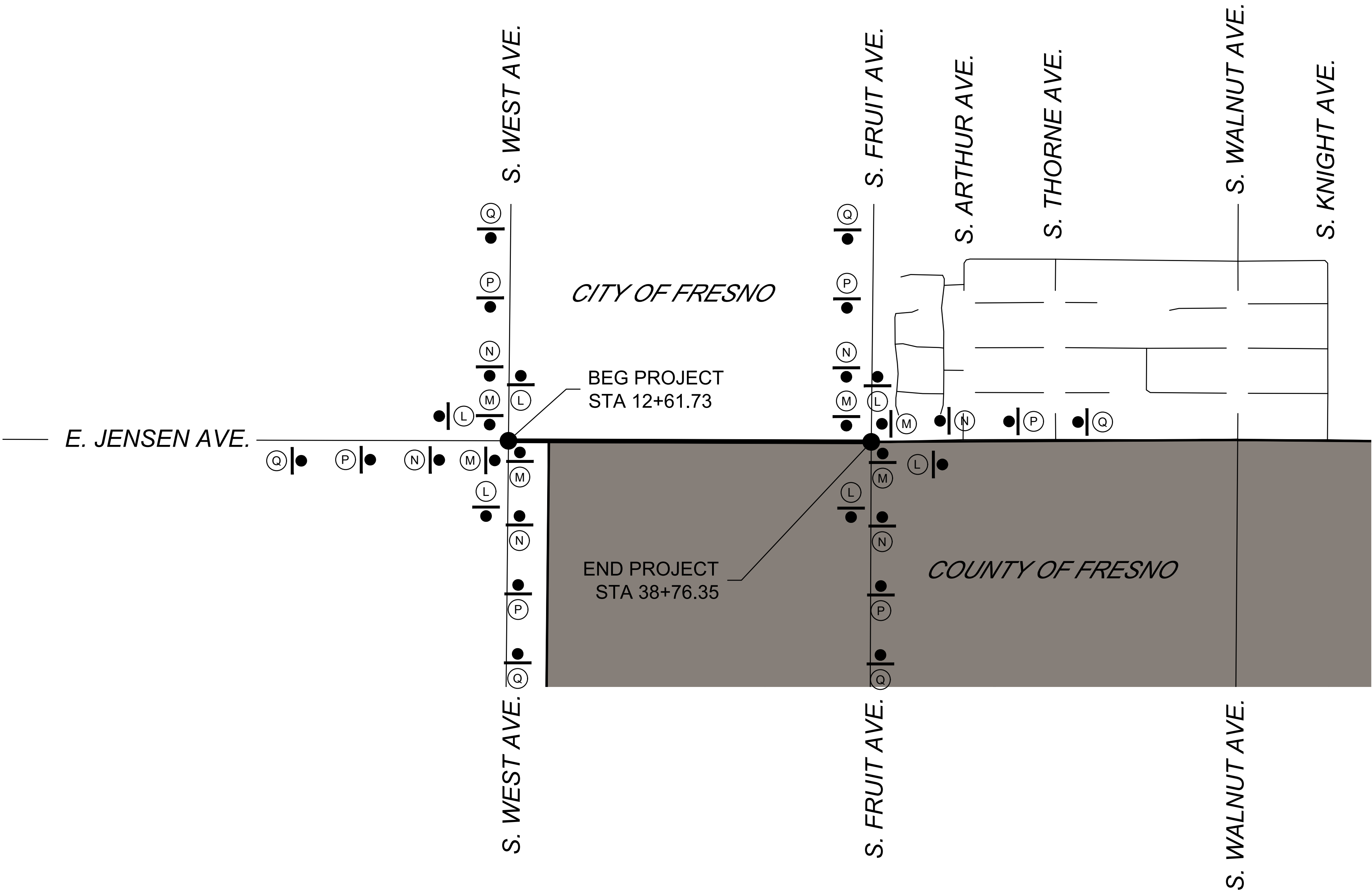
* USE ACCOMPANYING SIGN POST

NOTES	
1.	WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST STATE STANDARD PLANS AND SPECIFICATIONS, SIGN SPECIFICATION SHEETS, THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) AND ITS REVISIONS, AND THE SPECIAL PROVISIONS.
2.	THESE SIGNING AND STRIPING PLANS ARE ACCURATE FOR SIGNING AND PAVEMENT MARKINGS ONLY. ALL REFERENCE TO PAVEMENT MARKINGS SHALL INCLUDE STRIPING.
3.	ALL SALVAGED MATERIAL SHALL BE DELIVERED TO THE COUNTY SIGN SHOP (BUILDING 409) AT 4551 E. HAMILTON AVENUE. THE CONTRACTOR SHALL NOTIFY THE SIGN SHOP (559) 600-7899 AT LEAST TWO WORKING DAYS PRIOR TO DELIVERY.
4.	ALL EXISTING PAVEMENT MARKING WHICH CONFLICTS WITH PROPOSED PAVEMENT MARKING SHALL BE REMOVED.
5.	EXISTING PAVEMENT MARKINGS TO BE REMOVED SHALL BE DONE BY GRINDING. AFTER GRINDING, A SLURRY SHALL BE APPLIED TO THE AREA PER THE SPECIAL PROVISIONS.
6.	LIMIT LINES SHALL BE 12 INCHES IN WIDTH UNLESS INDICATED OTHERWISE.
7.	ALL CROSSWALKS SHALL BE 12 FEET WIDE FROM OUTSIDE EDGE.
8.	WITH THE EXCEPTION OF BIKE LANE SYMBOLS, ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
9.	ALL EXISTING SIGNS NOT SHOWN ON THE PLANS TO REMAIN OR BE RELOCATED SHALL REMAIN, BE SALVAGED, OR RELOCATED AS DIRECTED BY THE ENGINEER.
10.	SIGN POSTS SHALL BE 2"X2" SQUARE BY 10' 14 GAUGE STEEL, UNLESS OTHERWISE SPECIFIED, IN A 2 1/4"X2 1/4" SQUARE BY 30" GALVANIZED STEEL ANCHOR BASE WELDED FLUSH WITH TOP OF A 2 1/2"X2 1/2" SQUARE BY 18" GALVANIZED STEEL ANCHOR SLEEVE.
11.	SIGNS SHALL BE 3M DIAMOND GRADE DG3 SERIES 4000 OR EQUAL AND MUST MEET ASTM TYPE XI SPECIFICATIONS. ALL SIGNS SHALL HAVE THE 3M 1160 GRAFFITI RESISTANT CLEAR OVERLAY FILM OR EQUAL.

		DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING				
DESIGNED: DK		3/11/25	RESIDENT ENGINEER		DATE	HORIZ 0 20' 40' VERT 0 1' 2'					JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE				SIGNING AND STRIPING LEGEND				
DRAWN: EC		3/11/25						3/11/2025 DATE				ROAD NO. S0200		BRIDGE NO. N/A		DRAWING NO. 11290			
CHECKED: SA		3/11/25														SHEET NO. 17			
																	TOTAL 19		
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																			

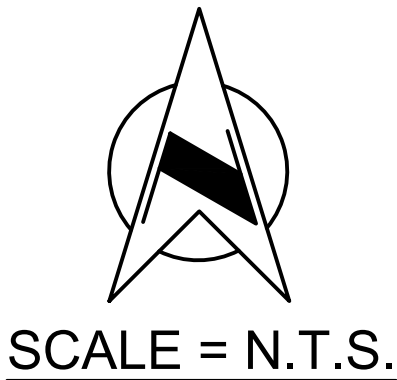


DESIGNED: DK		DATE	3/11/25	RECORD DRAWING		DATE		SCALE		HORIZ 0 20' 40'		VERT 0 1' 2'		SUPERVISING ENGINEER		DATE	3/11/2025	PROJECT		JENSEN AVENUE IMPROVEMENT PROJECT		ROAD NO. S0200		BRIDGE NO. N/A		DEPARTMENT OF PUBLIC WORKS AND PLANNING		SIGNING AND STRIPING PLAN		DRAWING NO. 11290		SHEET NO. 18		TOTAL 19	
DRAWN: EC		DATE	3/11/25	RESIDENT ENGINEER		DATE		SCALE		HORIZ 0 20' 40'		VERT 0 1' 2'		SUPERVISING ENGINEER		DATE	3/11/2025	PROJECT		JENSEN AVENUE IMPROVEMENT PROJECT		ROAD NO. S0200		BRIDGE NO. N/A		DEPARTMENT OF PUBLIC WORKS AND PLANNING		SIGNING AND STRIPING PLAN		DRAWING NO. 11290		SHEET NO. 18		TOTAL 19	
CHECKED: SA		DATE	3/11/25	RESIDENT ENGINEER		DATE		SCALE		HORIZ 0 20' 40'		VERT 0 1' 2'		SUPERVISING ENGINEER		DATE	3/11/2025	PROJECT		JENSEN AVENUE IMPROVEMENT PROJECT		ROAD NO. S0200		BRIDGE NO. N/A		DEPARTMENT OF PUBLIC WORKS AND PLANNING		SIGNING AND STRIPING PLAN		DRAWING NO. 11290		SHEET NO. 18		TOTAL 19	



NOTES:

- THIS PLAN DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PROVIDE A TRAFFIC CONTROL SYSTEM PLAN AS REQUIRED IN THE SPECIFICATIONS.
- ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES MAY BE REQUIRED AS PART OF THE TRAFFIC CONTROL SYSTEM PLAN AS DETERMINED BY THE ENGINEER.
- LOCATIONS OF CONSTRUCTION AREA SIGNS AND TYPE III BARRICADES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
- SIGNS ERECTED ON THE SIDE OF THE ROAD SHALL BE MOUNTED AT A HEIGHT OF AT LEAST 7 FEET MEASURED FROM THE BOTTOM OF THE SIGN PLATE TO THE TOP ELEVATION OF THE NEAREST EDGE OF THE PAVEMENT EXCEPT FOR SIGNS PLACED ON BARRICADES.
- SIGNS THAT WILL BE IN PLACE MORE THAN 5 CALENDAR DAYS SHALL BE INSTALLED ON METAL OR WOOD POSTS.
- ALL EXISTING STOP AND STOP AHEAD SIGNS ARE TO REMAIN IN PLACE DURING CONSTRUCTION.
- ALL SIGNS, EXCEPT R11-2 AND R11-4, SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.
- INCLUDE "BUSINESS OPEN DURING CONSTRUCTION" SIGN IN TRAFFIC CONTROL SYSTEM PLAN.



TEMPORARY WORK ZONE SIGNS

	SIGN	CA MUTCD CODE	PANEL SIZE (INCHES)	DESCRIPTION	POST LENGTH (FEET)
□	A	W20-2	36 X 36	DETOUR AHEAD	12
		W16-2aP	24 X 12	500 FT	
□	B	W20-2	36 X 36	DETOUR AHEAD	12
		W16-2aP	24 X 12	1000 FT	
□	C	W20-2	36 X 36	DETOUR AHEAD	12
		W16-2aP	24 X 12	1500 FT	
□	D	R11-2	48 X 30	ROAD CLOSED	TYPE III BARRICADE
□	E	R11-4	60 X 30	ROAD CLOSED TO THRU TRAFFIC	TYPE III BARRICADE
		M4-10L	48 X 18	DETOUR LEFT	TYPE III BARRICADE
□	F	R11-4	60 X 30	ROAD CLOSED TO THRU TRAFFIC	TYPE III BARRICADE
		M4-10R	48 X 18	DETOUR RIGHT	TYPE III BARRICADE
□	G	M4-8	21 X 9	DETOUR	12
□	H	M4-10L	48 X 18	DETOUR LEFT	12
□	J	M4-10R	48 X 18	DETOUR RIGHT	12
□	K	M4-8a	24 X 18	END DETOUR	12
■	L	G20-2	36 X 18	END ROAD WORK	12
■	M	W20-1	36 X 36	ROAD WORK AHEAD	12
■		W16-2aP	24 X 12	500 FT	
■	P	W20-1	36 X 36	ROAD WORK AHEAD	12
		W16-2aP	24 X 12	1000 FT	
■	Q	W20-1	36 X 36	ROAD WORK AHEAD	12
		W16-2aP	24 X 12	1500 FT	
□	R	W20-3	36 X 36	ROAD CLOSED AHEAD	12
□	S	W20-3	36 X 36	ROAD CLOSED AHEAD	12
		W16-2aP	24 X 12	500 FT	
□	T	W20-3	36 X 36	ROAD CLOSED AHEAD	12
		W16-2aP	24 X 12	1000 FT	
□	U	W20-3	36 X 36	ROAD CLOSED AHEAD	12
		W16-2aP	24 X 12	1500 FT	
□	V	C9A (CA)	36 X 36	FLAGGER AHEAD	12
□	W	C30 (CA)	30 X 30	LANE CLOSED	12
□	X	W3-4	36 X 36	PREPARE TO STOP	12
□	Y	SC3-1 (CA)	48 X 18	DETOUR STRAIGHT	12
□	Z	G7-1 (CA)	VAR X 18	STREET NAME	12
□	A1	G7-2 (CA)	VAR X 18	ADVANCE STREET NAME	12
□	A2	W21-1A	36 X 36	WORKERS AHEAD	12

■ - INDICATES APPLICABLE SIGN

	DATE	RECORD DRAWING		SCALE		 3/11/2025 DATE	PROJECT		 3/11/2025 DATE		DEPARTMENT OF PUBLIC WORKS AND PLANNING			
DESIGNED: DK	3/11/25	RESIDENT ENGINEER	DATE	NOT TO SCALE			JENSEN AVENUE IMPROVEMENT PROJECT WEST AVENUE TO FRUIT AVENUE				TRAFFIC WORK ZONE SIGNING			
DRAWN: EC	3/11/25						ROAD NO. S0200				BRIDGE NO. N/A	DRAWING NO. 11290	SHEET NO. 19	TOTAL 19
CHECKED: SA	3/11/25													
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.														

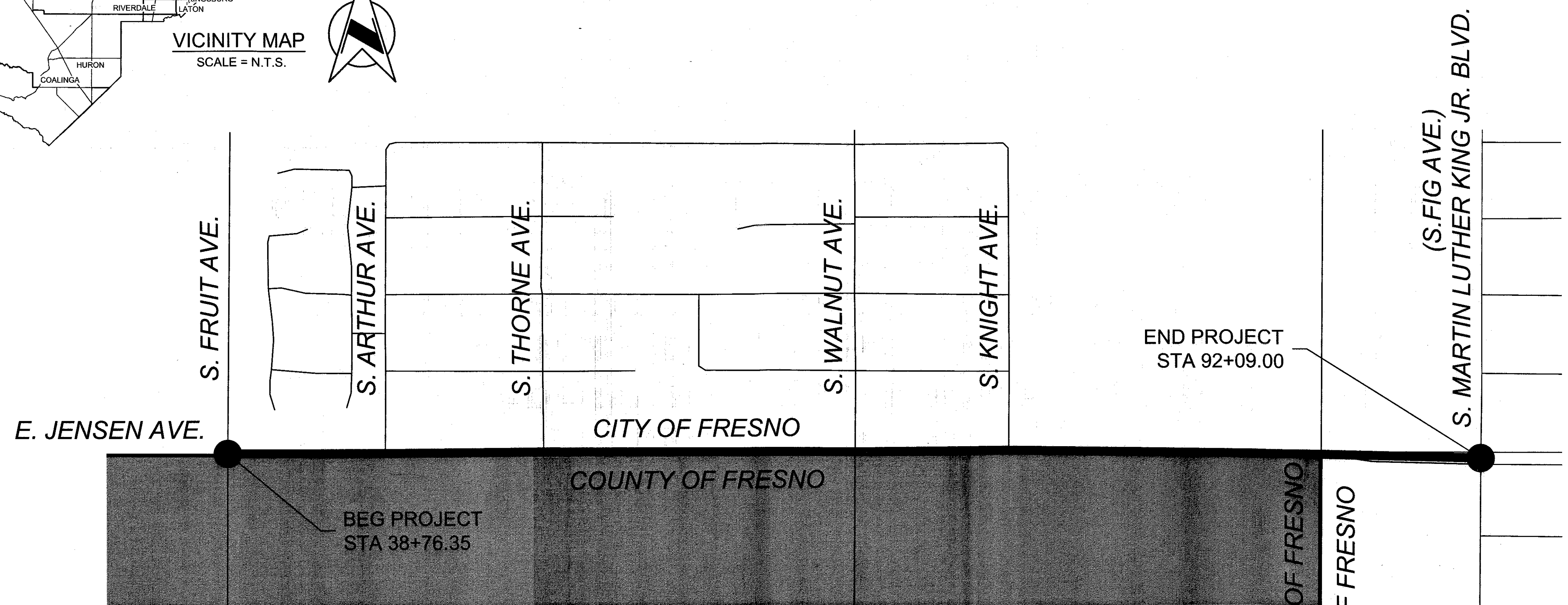
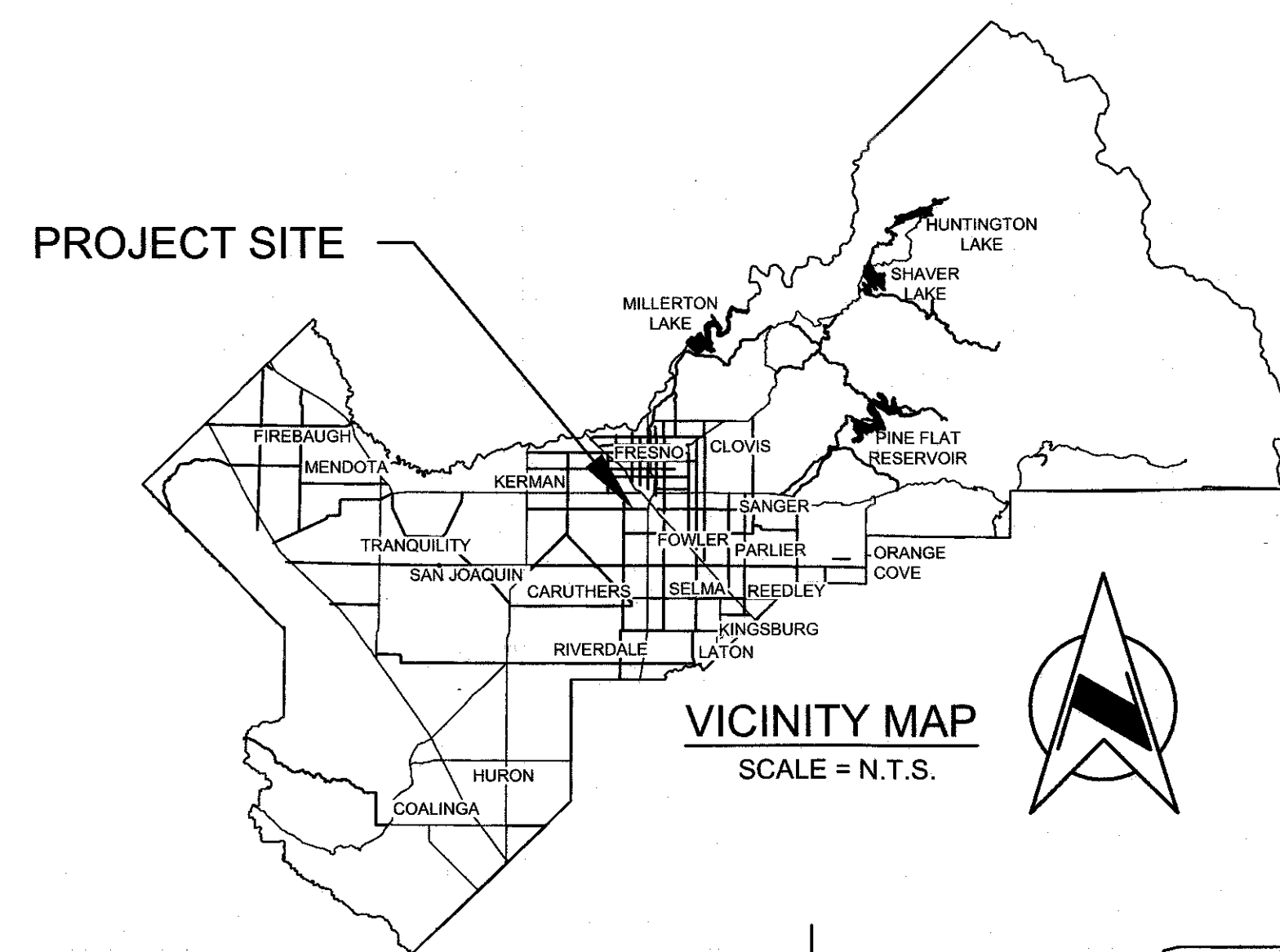
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

PLANS FOR CONSTRUCTION

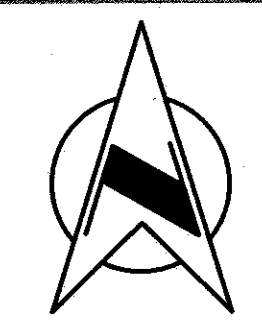
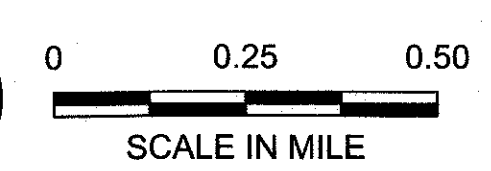
JENSEN AVENUE IMPROVEMENTS FRUIT AVENUE TO FIG AVENUE

FEDERAL PROJECT NUMBER: STPL-5942(289)

PROJECT LENGTH: 1.00 MILE



LOCATION MAP



DEPARTMENT OF PUBLIC WORKS AND PLANNING

DIVISION	DESIGN	CONST	RMO	RESC
SIGNATURE				
DATE	4/1/2025	3-17-2025	3/17/2025	

INDEX OF SHEETS

- TITLE SHEET
- LEGEND
- GENERAL NOTES
- TYPICAL SECTIONS
- TYPICAL SECTIONS
- CONSTRUCTION PLAN & PROFILE (BEGIN STA. 38+76.35 - STA. 42+50.00)
- CONSTRUCTION PLAN & PROFILE (STA. 42+50.00 - STA. 46+53.96)
- CONSTRUCTION PLAN & PROFILE (STA. 46+53.96 - STA. 50+56.35)
- CONSTRUCTION PLAN & PROFILE (STA. 50+56.35 - STA. 55+00.00)
- CONSTRUCTION PLAN & PROFILE (STA. 55+00.00 - STA. 59+52.99)
- CONSTRUCTION PLAN & PROFILE (STA. 59+52.99 - STA. 63+96.35)
- CONSTRUCTION PLAN & PROFILE (STA. 63+96.35 - STA. 68+26.37)
- CONSTRUCTION PLAN & PROFILE (STA. 68+26.37 - STA. 72+54.97)
- CONSTRUCTION PLAN & PROFILE (STA. 72+54.97 - STA. 76+91.80)
- CONSTRUCTION PLAN & PROFILE (STA. 76+91.80 - STA. 82+46.35)
- CONSTRUCTION PLAN & PROFILE (STA. 82+46.35 - STA. 86+80.46)
- CONSTRUCTION PLAN & PROFILE (STA. 86+80.46 - STA. 92+09.00 END)
- DETAILS
- RAMP DEMOLITION
- RAMP CONSTRUCTION
- UTILITY PLANS (BEGIN STA. 38+76.35 - STA. 47+46.35)
- UTILITY PLANS (STA. 47+46.35 - STA. 55+66.35)
- UTILITY PLANS (STA. 55+66.35 - STA. 63+86.35)
- UTILITY PLANS (STA. 63+86.35 - STA. 72+06.35)
- UTILITY PLANS (STA. 72+06.35 - STA. 80+26.35)
- UTILITY PLANS (STA. 80+26.35 - STA. 87+96.35)
- UTILITY PLANS (STA. 87+96.35 - STA. 91+63.44 END)
- SIGNING & STRIPING LEGEND
- STRIPING PLANS (BEGIN - STA. 46+96.35)
- STRIPING PLANS (STA. 46+96.35 - STA. 55+16.35)
- STRIPING PLANS (STA. 55+16.35 - STA. 63+36.35)
- STRIPING PLANS (STA. 63+36.35 - STA. 71+06.35)
- STRIPING PLANS (STA. 71+06.35 - STA. 79+76.35)
- STRIPING PLANS (STA. 79+76.35 - STA. 87+96.35)
- STRIPING PLANS (STA. 87+96.35 - STA. 91+63.44 END)
- TRAFFIC WORK ZONE SIGNING
- WATER MAIN REPLACEMENT PLANS - CITY OF FRESNO
- COVER SHEET
- NOTES, LEGEND, ABBREVIATIONS AND DETAILS
- 10 DETAILS
- KEY LOCATION MAP 1 OF 2
- KEY LOCATION MAP 2 OF 2
- PLAN AND PROFILE, W. JENSEN AVENUE (STA: 38+00 TO STA:47+00)
- PLAN AND PROFILE, W. JENSEN AVENUE (STA: 47+00 TO STA:56+00)
- PLAN AND PROFILE, W. JENSEN AVENUE (STA: 56+00 TO STA:64+50)
- PLAN AND PROFILE, W. JENSEN AVENUE (STA: 64+50 TO STA:73+00)
- PLAN AND PROFILE, W. JENSEN AVENUE (STA: 73+00 TO STA:82+00)
- PLAN AND PROFILE, W. JENSEN AVENUE (STA: 82+00 TO STA:88+00)
- PLAN AND PROFILE, W. JENSEN AVENUE (STA: 88+00 TO STA:93+00)
- FRESNO METROPOLITAN FLOOD CONTROL DISTRICT CONSTRUCTION OF STORM DRAINAGE FACILITIES IN DRAINAGE AREA "SS" CONTRACT "SS-20"
- LOCATION AND TITLE SHEET
- PLAN AND PROFILE
- PLAN AND PROFILE DETAILS

Brian Pacheco	1st District
Garry Bredefeld	2nd District
Luis Chavez	3rd District
Ernest "Buddy" Mendes	4th District
Nathan Magsig	5th District

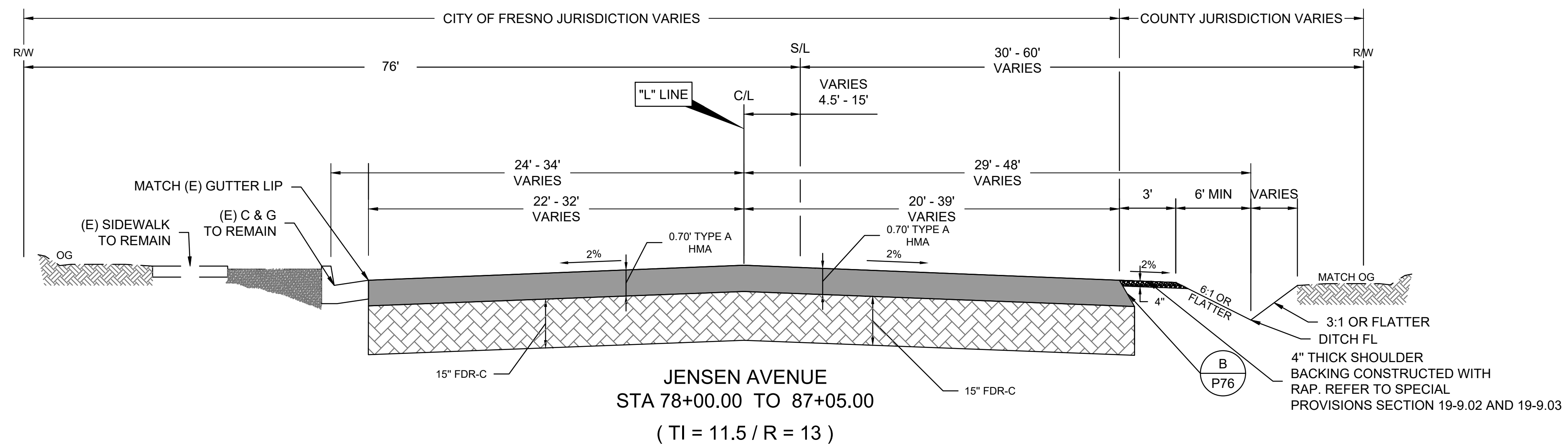
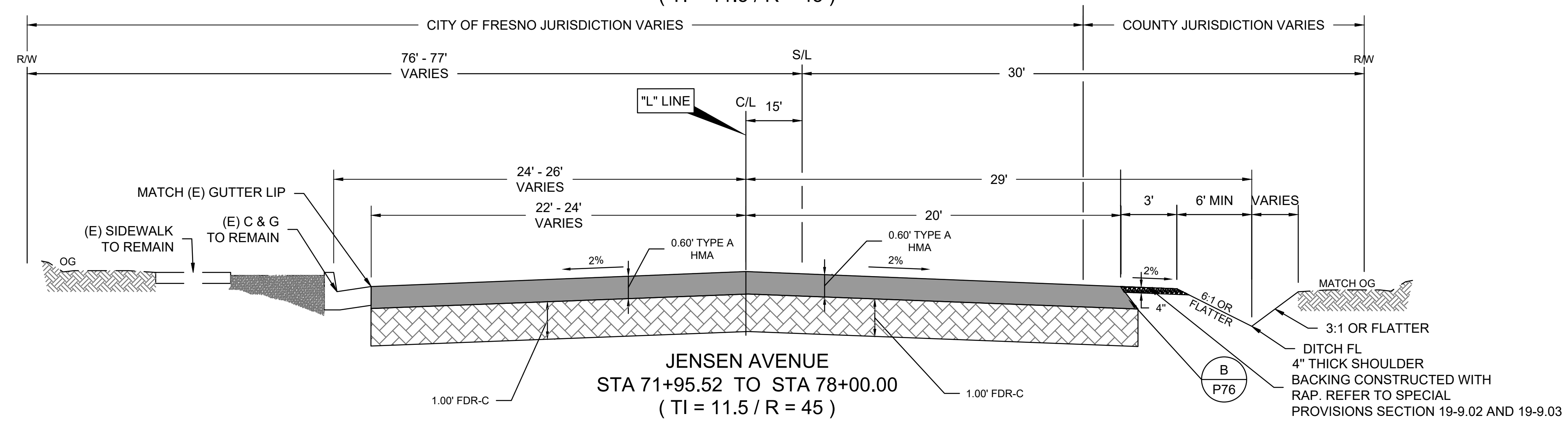
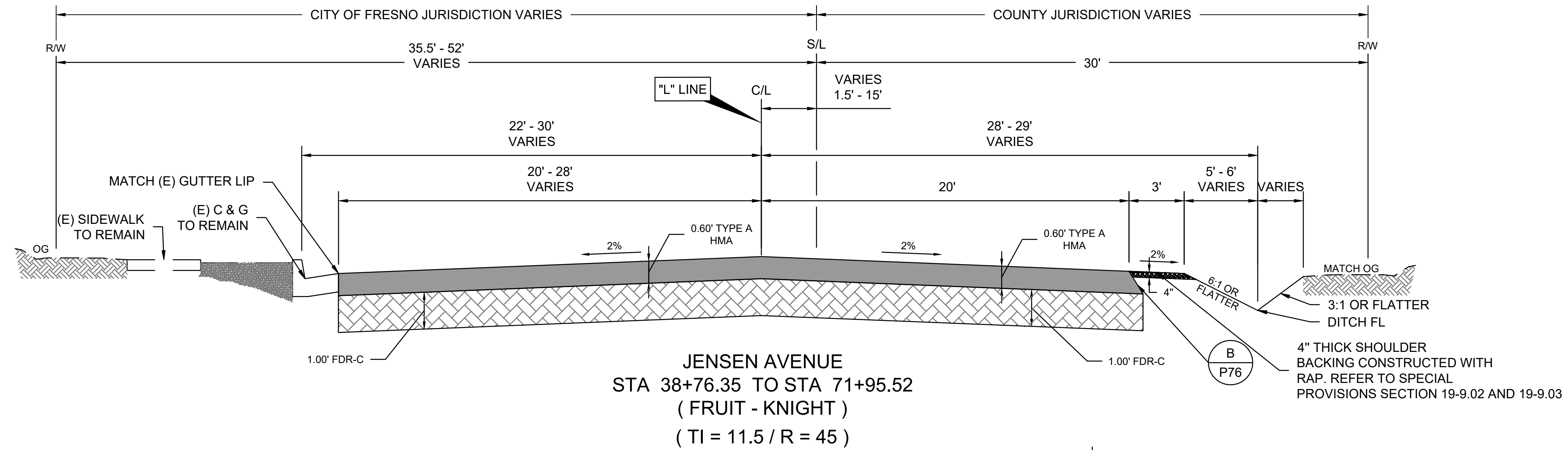
APPROVED Steven E. White, Director
Department of Public Works and Planning

APPROVED Scott L. Mozier, PE
City Engineer, Date 3/14/25

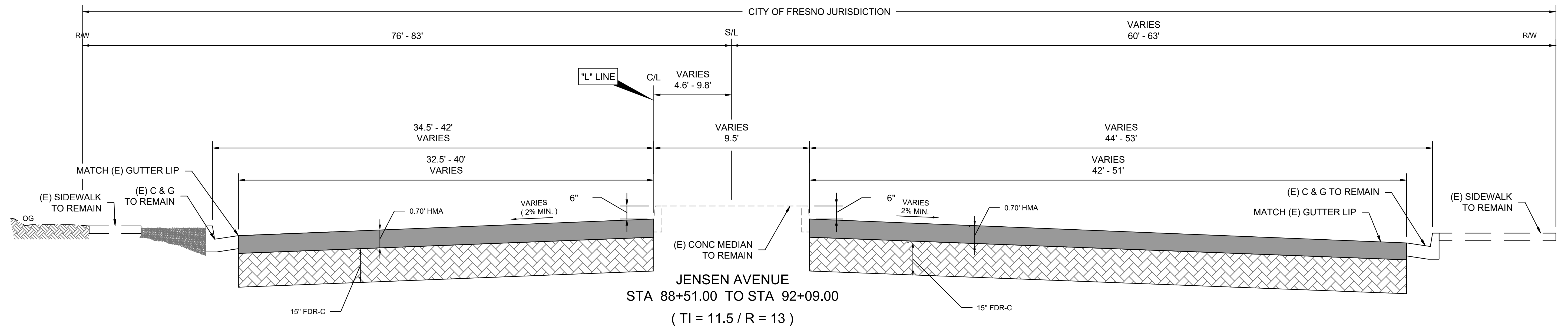
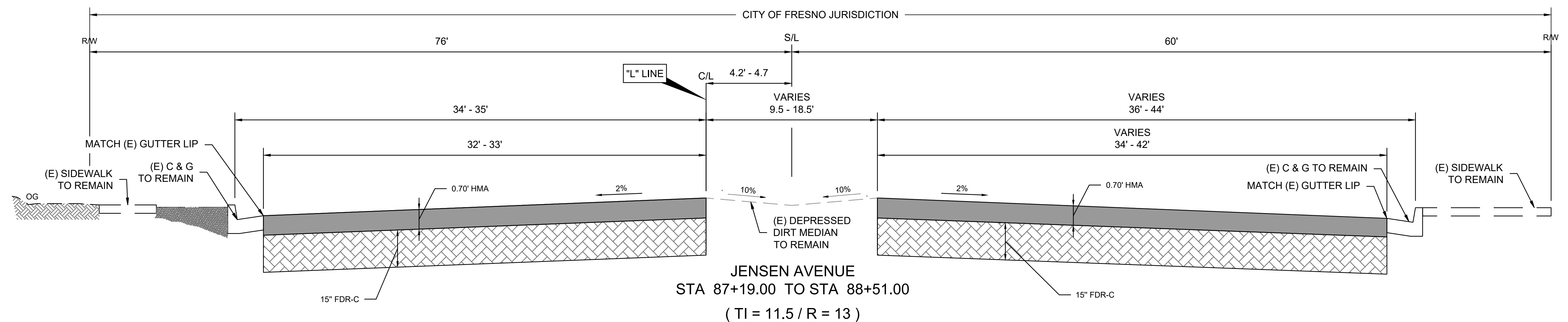
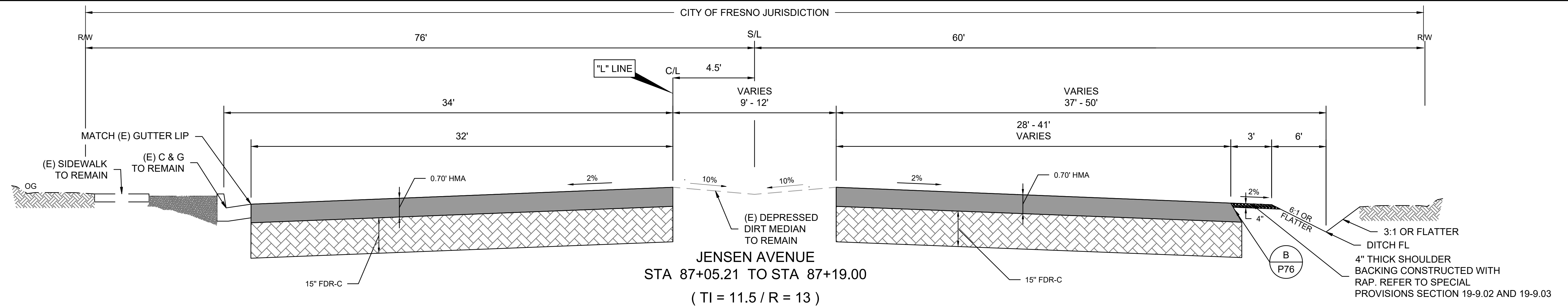
CALIFORNIA CONTRACTOR'S LICENSES REQUIRED FOR THIS PROJECT					
CLASS A, GENERAL ENGINEERING					
C-12, EARTHWORK AND PAVING					
DRAWING NO.	ROAD NO.	BRIDGE NO.	FISCAL YR.	SHEET NO.	TOTAL
11290	S0200	N/A	24 / 25	1	36
CONTRACT NO. 24-02-C					
RECORD DRAWING					
CONTRACTOR					
NAME					
ADDRESS					
CITY					
PHONE					
DATE AWARDED					
DATE STARTED					
DATE COMPLETED					
RESIDENT ENGINEER					
NAME					
SIGNATURE					
NAME					
SIGNATURE					

2023 CALTRANS STANDARD PLANS LIST				GENERAL LEGEND																											
INDICATES APPLICABLE PLAN A20A PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS A20B PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS A20C PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS A20D PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS A24A PAVEMENT MARKINGS ARROWS A24B PAVEMENT MARKINGS ARROWS AND SYMBOLS A24C PAVEMENT MARKINGS SYMBOLS AND NUMERALS A24D PAVEMENT MARKINGS WORDS A24F PAVEMENT MARKINGS CROSSWALKS A24G PAVEMENT MARKINGS YIELD LINES, LIMIT LINES AND WRONG WAY DETAILS A62A EXCAVATION AND BACKFILL MISCELLANEOUS DETAILS A62B LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE SURCHARGE AND WALL A62C LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE A62D EXCAVATION AND BACKFILL CONCRETE PIPE CULVERTS A62DA EXCAVATION AND BACKFILL CONCRETE PIPE CULVERTS INDIRECT DESIGN METHOD A62E EXCAVATION AND BACKFILL CAST-IN-PLACE REINFORCED CONCRETE BOX AND ARCH CULVERTS A62F EXCAVATION AND BACKFILL METAL AND PLASTIC CULVERTS A62G EXCAVATION AND BACKFILL PRECAST REINFORCED CONCRETE BOX CULVERTS A73A OBJECT MARKERS A73B MARKERS A73C DELINEATORS, CHANNELIZERS, AND BARRICADES A74 SURVEY MONUMENTS A78A THRIE BEAM BARRIER STANDARD RAILING SECTION (WOOD POST WITH WOOD BLOCK) A78C1 THRIE BEAM BARRIER STANDARD HARDWARE DETAILS A78C2 THRIE BEAM BARRIER POST AND BLOCK DETAILS A78E1 SINGLE THRIE BEAM BARRIER END ANCHOR ASSEMBLY AND TERMINAL SYSTEM END TREATMENT A81C CRASH CUSHION, SAND FILLED (BIDIRECTIONAL) A85 CHAIN LINK FENCE A86 BARBED WIRE AND WIRE MESH FENCES A87A CURBS AND DRIVEWAYS A87B HOT MIX ASPHALT DIKES A88A CURB RAMP DETAILS B3-3A RETAINING WALL TYPE 1A - (CASE 1) B3-6 RETAINING WALL DETAILS No. 2 D73 DRAINAGE INLETS D74A DRAINAGE INLETS D74B DRAINAGE INLETS D74C DRAINAGE INLET DETAILS D75A STEEL PIPE INLETS D75B CONCRETE PIPE INLETS D75C PIPE INLETS LADDER AND TRASH RACK DETAILS D77A GRATE DETAILS No. 1 D77B GRATE DETAILS No. 2 P74 PAVEMENT EDGE TREATMENTS P75 PAVEMENT EDGE TREATMENTS - OVERLAYS P76 PAVEMENT EDGE TREATMENTS - NEW CONSTRUCTION T1A TEMPORARY CRASH CUSHION, SAND FILLED (UNIDIRECTIONAL) T1B TEMPORARY CRASH CUSHION, SAND FILLED (BIDIRECTIONAL) T2 TEMPORARY CRASH CUSHION, SAND FILLED (SHOULDER INSTALLATIONS) T3 TEMPORARY RAILING (TYPE K) BASIS OF BEARINGS: THE NORTH LINE OF THE NORTHEAST OF QUARTER OF SECTION 20, TOWNSHIP 14 SOUTH, RANGE 20 EAST, M.D.B.&M., BEARS N89°52'58"E PER MAP FILED IN BOOK 50 OF RECORD OF SURVEYS, AT PAGE 84, PER FRESNO COUNTY RECORDS. BASIS OF VERTICAL CONTROL: CITY OF FRESNO BENCHMARK 736, A BRASS CAP ON A CONCRETE CURB, LOCATED AT CENTER OF THE CURB RETURN ON THE NORTHEAST CORNER OF MARTIN LUTHER KING JR. BOULEVARD AND JENSEN AVENUE, HAS AN NGVD29 ELEVATION OF 273.556 FEET, PER CITY OF FRESNO BENCHMARK RECORDS.				ABBREVIATIONS								CONSTRUCTION SYMBOLS																			
				AB AGGREGATE BASE ABUT ABUTMENT(S) AC ASPHALT CONCRETE AHD AHEAD ALIGN ALIGNMENT ALY ALLEY AP ANGLE POINT APCH APPROACH APPROX APPROXIMATE ± () AS AGGREGATE SUBBASE ASSY ASSEMBLY AV AIR RELEASE VALVE AVE AVENUE BB BEGINNING OF BRIDGE BC BEGIN HORIZONTAL CURVE BCM BRASS CAP MONUMENT BCR BEGIN CURB RETURN BEG BEGIN(ING) BKF BACKFILL BLDG BUILDING BLVD BOULEVARD BM BENCH MARK BR BRIDGE BS BACK OF SIDEWALK BVC BEGIN VERTICAL CURVE BW BARBED WIRE CA TV CABLE TELEVISION C & G CURB AND GUTTER CC CENTER TO CENTER CF CUBIC FOOT (FEET) CFS CUBIC FEET PER SECOND CHNL CHANNEL CI CITY CIDH CAST-IN DRILLED HOLE CIP CAST IRON PIPE CIPCP CAST-IN-PLACE CONCRETE PIPE C/L / CL (C) CENTER LINE CHAIN CHAIN LINK CLR CLEAR (ING), CLEARANCE CMP CORRUGATED METAL PIPE CMPA CORRUGATED METAL PIPE ARCH CNL CUT NEAT LINE CNS COMPACTED NATIVE SOIL CO COUNTY COF CITY OF FRESNO COMM COMMERCIAL CONC CONCRETE CONST CONSTRUCT (ION) CONT CONTINUOUS CP CONCRETE PIPE CR CURB RAMP CS COTTON SPINDLE CSP CORRUGATED STEEL PIPE CSPA CORRUGATED STEEL PIPE ARCH CULV CULVERT CY (CU YD) CUBIC YARD(S)								DI DRAINAGE INLET DIA DIAMETER DIR DIRECTION DIST DISTANCE DO DRAINAGE OUTLET DRWY DRIVEWAY DTL DETAIL EA EACH EASE EASEMENT EB END OF BRIDGE E/B EAST BOUND EC END HORIZONTAL CURVE ECR END CURB RETURN ED END DIKE ELEV ELEVATION (ELEV) EXISTING ELEVATION EMB EMBANKMENT EP EDGE OF PAVEMENT EQ EQUAL ES EDGE OF SHOULDER ETL EDGE OF TRAVEL LANE EVC END VERTICAL CURVE EW ENDWALL EXC EXCAVATION EXIST / (E) EXISTING EXP JT EXPANSION JOINT FOBCM FRESNO COUNTY BCM FDR-C FULL DEPTH RECLAMATION FG FINISHED GRADE FH FIRE HYDRANT FL FLOW LINE FRE FRESNO FT FOOT (FEET) GAL GALLON (S) GALV GALVANIZED GB GRADE BREAK GP GRADING PLANE GRUB GRUBBING GL GUTTER LIP GW GUY WIRE HORIZ HORIZONTAL HP HINGE POINT HS HIGH STRENGTH HW HEAD WALL HWM HIGH WATER MARK HWY HIGHWAY IB IMPORTED BORROW ID INSIDE DIAMETER IP IRON PIPE IRR IRRIGATION IV IRRIGATION VALVE JP JOINT POLE JT JOINT LBS POUNDS LF LINEAR FOOT LOC LOCATION LOL LAYOUT LINE								LP LIMIT OF PAYMENT LT LEFT MAX MAXIMUM MB METAL BEAM MBGR METAL BEAM GUARD RAILING MH MANHOLE MI MILE (S) MIN MINIMUM MISC MISCELLANEOUS MOD MODIFY (IED) MON MONUMENT MP MILE POST MTL MATERIAL N/A NOT APPLICABLE NBL NORTH BOUND LANE NO (#) NUMBER NS NATIVE SOIL O OVER OC ON CENTER OD OUTSIDE DIAMETER OG ORIGINAL GROUND PB PULL BOX PBS PULV BIT SURF PCC PORTLAND CEMENT CONCRETE PE POLYETHYLENE PERM PERMEABLE PG PROFILE GRADE PI POINT OF INTERSECTION PL PLATE P/L PROPERTY LINE PM POST MILE PNT POINT POC POINT ON CURVE POT POINT ON TANGENT PP POWER POLE PPP PERFORATED PLASTIC PIPE PRF PAVEMENT REINFORCING FABRIC PSF POUNDS PER SQUARE FOOT PSI POUNDS PER SQUARE INCH PT PEDESTAL TELEPHONE PULV PULVERIZED PVC POLYVINYL CHLORIDE PVMT PAVEMENT R RADIUS RAP RECLAIMED ASPHALT PAVEMENT R & R REMOVE AND REPLACE RCB REINFORCED CONCRETE BOX RCP REINFORCED CONCRETE PIPE RD ROAD REINF REINFORCED (MENT) (ING) REL RELOCATE RES RESIDENTIAL RET RETAINING RG RUBBER GASKET RLG ROCK LINED GUTTER RR RAILROAD RT RIGHT ROUTE RTE ROUTE RW RETAINING WALL R/W RIGHT OF WAY S SLOPE SALV SALVAGE SBL SOUTH BOUND LANE SDWK SIDEWALK SEC SECTION SH STATE HIGHWAY SHLDR SHOULDER SHT SHEET S/L SECTION LINE SP STANDPIPE SQ SQUARE SQ FT SQUARE FOOT (FEET) SQ IN SQUARE INCH SS SANITARY SEWER ST STREET STA STATION STD STANDARD STP STEEL PIPE STR STRUCTURE (S) SURF SURFACING SWR SEWER TAN OFF TANGENT OFFSET TBM TEMPORARY BM TBR TIMBER TC TOP OF CURB TCB TRAFFIC CONTROL BOX TCP TEMPORARY CONST PERMIT TFC TOP FACE OF CURB TFP TRANSFORMER POLE TOT TOTAL TP TELEPHONE POLE TRANS TRANSITION TS TRAFFIC SIGNAL TYP TYPICAL TYP SEC TYPICAL SECTION UC UNDERCROSSING UD UNDERDRAIN UDR UNDERDRAIN RISER UG UNDERGROUND UP UNDERPASS VAR VARIES (ABLE) VC VERTICAL CURVE VCP VITRIFIED CLAY PIPE VERT VERTICAL VG VALLEY GUTTER VP VENT PIPE W WATER W/B WEST BOUND WM WATER METER WP WEAKENED PLANE WR WHEELCHAIR RAMP WV WATER VALVE WW WINGWALL								A TYPE "A" CURB B3 TYPE "B3" CURB FA TYPE "FA" CURB CE FA CURB EXTENSION CS COMMERCIAL SIDEWALK RD RESIDENTIAL SIDEWALK AS ADJACENT RES SIDEWALK HW CONCRETE HOUSEWALK VG VALLEY GUTTER MB MAIL BOX W CONCRETE DRIVEWAY W S° AC DRIVEWAY W S° DIRT DRIVEWAY W MODIFY CONC DRIVEWAY "W" DENOTES WIDTH "D" DENOTES MATCH DISTANCE "S°" DENOTES SKEW ANGLE DI DRAINAGE INLET DO DRAINAGE OUTLET MH INSTALL MANHOLE WV INSTALL WATER VALVE MH ADJUST MANHOLE AV ADJUST AIR RELEASE VALVE WV ADJUST WATER VALVE DD 2" AC DEPRESSED DIKE ID 4" AC INTERMEDIATE DIKE D 6" AC DIKE R RADIUS "R" DENOTES RADIUS IN FEET SM SURVEY MONUMENT CC CONCRETE COLLAR GM GRADE MATCH SC SAW CUT CNL CUT NEAT LINE OD OVERSIDE DRAIN S MISC TRAFFIC SIGN SS STOP SIGN "L" DENOTES LENGTH IN FEET MA PLACE AC , MISC AREA — x — DIRECTION OF FLOW — o — GRADE TO FLOW — x — CHAIN LINK FENCE — x — WIRE FENCE — x — HINGE POINT — x — DAYLIGHT LIMIT — x — DITCH FLOW LINE △ GP AND LP ROADWAY EXC X DWG NO. X SHEET NO X DWG NO. X SHEET NO. X DETAIL NO. X SHEET NO. X DETAIL NO. X SECTION CUT X DWG NO. X FLOW DIRECTION X PRESSURE LINE HMA HMA OG OG AB AB VEGETATION VEGETATION CONC CONC DOMES DOMES FDR FDR			
				UTILITY SYMBOLS																											
				STAND PIPE IRR UG PIPE FLOW IRR UG PIPE CAPPED IRR VALVE SCREWGATE IRR TOP GATE VALVE IRR PIPE 12" VERTICAL VENT PIPE IRR VALVE - BUBBLER IRR VALVE, DRIP SYSTEM IRR PIPE 4" VERT OUTLET WATER WELL WATER WELL PUMP FIRE HYDRANT IRR 2"-4" PIPE RISER MH-STORM DRAIN MH-ELECTRICAL MH-FO/CABLE MH-GAS MH-SANITARY SWR MH-TELEPHONE MH-WATER ELEC METER ELECTRIC VAULT CHRISTY BOX GAS METER GAS VALVE WATER METER WATER VALVE HOSE BIB MH-GASOLINE FILLER GASOLINE VENT PIPE GASOLINE PUMP CLEAN OUT BACKFLOW PREVENTER SPRINKLER UG CABLE UG STORM DRAIN LINE UG ELECTRIC LINE UG FIBER OPTIC UG SANITARY SEWER UG TELEPHONE LINE UG WATER LINE OVERHEAD ELEC LINE OVERHEAD TELE LINE STREET LIGHT POLE TRAFFIC LIGHT POLE EXISTING SIGNAL POLE STORM DRAIN DROP INLET STORM DRAIN GRATE STEEL DRAIN PIPE DOWN DRAIN WARNING SIGN WARNING SIGN WARNING SIGN WARNING SIGN WARNING SIGN WARNING SIGN WARNING SIGN WARNING SIGN RES SIDEWALK VALLEY GUTTER SURVEY MON MAIL BOX WIRE FENCE CHAIN LINK FENCE METAL FENCE WOOD FENCE PVC FENCE MISC LANDSCAPING																											
				EXISTING IMPROVEMENTS																											
				A TYPE "A" CURB B3 TYPE "B3" CURB FA TYPE "FA" CURB CS COMM SIDEWALK RS RES SIDEWALK VG VALLEY GUTTER SM SURVEY MON MB MAIL BOX — x — WIRE FENCE — o — CHAIN LINK FENCE — () — METAL FENCE — [] — WOOD FENCE — [o] — PVC FENCE — \ / — MISC LANDSCAPING																											
				LEGEND																											
				ROAD NO. S0200 BRIDGE NO. N/A DRAWING NO. 11290 SHEET NO. 2 TOTAL 36																											

GENERAL NOTES				GENERAL NOTES																	
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH STANDARD PLANS AND SPECIFICATIONS OF THE FRESNO METROPOLITAN FLOOD CONTROL DISTRICT, DATED APRIL 1, 2011 AND REVISIONS THEREOF, APPROPRIATE PROVISIONS OF THE SPECIFICATIONS ENTITLED CITY OF FRESNO, STANDARD SPECIFICATIONS, LATEST EDITION, AND THE LATEST VERSION OF LATEST CALTRANS STANDARD SPECIFICATIONS. SAME MAY APPLY, WHICH SPECIFICATIONS HEREINAFTER ARE REFERRED TO AS THE STANDARD SPECIFICATION. 2. THE DISTRICT INSPECTOR WILL HAVE PRIMARY INSPECTION RESPONSIBILITY AND WILL CONDUCT DAY TO DAY INSPECTIONS. THE CONTRACTOR SHALL NOTIFY THE DISTRICT'S CONSTRUCTION MANAGER AT (559) 456-3292, TWO WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION 3. THE CONTRACTOR SHALL OBTAIN ALL PERMITS FROM THE CITY AND THE COUNTY OF FRESNO AT NO COST TO THE CONTRACTOR REQUIRED TO PERFORM THE WORK EXCEPT THOSE WHICH MAY BE OBTAINED FOR HIM BY THE DISTRICT. THE CONTRACTOR SHALL ABIDE BY THE CONDITIONS OF ALL PERMITS AND SHALL PERFORM ALL WORK ORDERED BY SAID PERMITS IN CONFORMANCE THEREWITH AND AS DIRECTED BY THE ENGINEER. 4. 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. 5. TWO WORKING DAYS BEFORE PERFORMING ANY EXCAVATION THE CONTRACTOR SHALL CALL "USA" (UNDERGROUND SERVICE ALERT) TOLL FREE AT 1-800-227-2600 OR 811. 6. THE CONTRACTOR SHALL NOTIFY THE COUNTY OF FRESNO PERMIT ENGINEER AT (559) 600-4240 A MINIMUM OF 24 HOURS PRIOR TO BEGINNING CONSTRUCTION. 7. THE CONTRACTOR SHALL NOTIFY THE CITY OF FRESNO CONSTRUCTION MANAGEMENT DIVISION AT (559) 621-5600, A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. 8. CONTRACTOR SHALL CLEAR ALL ORGANIC AND DELETERIOUS MATERIAL FROM THE FENCE PAD AREA PRIOR TO PLACEMENT OF FILL MATERIAL. 9. ALL FILL MATERIAL REQUIRED FOR THE FENCE PAD CONSTRUCTION ASSOCIATED WITH THIS CONTRACT SHALL BE FREE OF ALL ORGANIC AND DELETERIOUS MATERIAL AND IS AVAILABLE FROM WITHIN BASIN PROPERTY. 10. SAW-CUT AND DEMOLITION AREAS ARE TO BE VERIFIED BY THE ENGINEER PRIOR TO DEMOLITION. ANY ADDITIONAL DEMOLITION SHALL BE APPROVED BY THE ENGINEER. 11. THE CONTRACTOR SHALL COORDINATE WITH ANY UTILITY COMPANIES THAT REQUIRE THEIR FACILITIES TO BE ADJUSTED TO GRADE. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING EACH SITE AND IDENTIFYING ANY UTILITIES THAT MAY REQUIRE ADJUSTMENT. ANY UNFORESEEN DELAY SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY IN WRITING. 12. PRIOR TO CONSTRUCTING THE NEW RAMPS, THE CONTRACTOR SHALL VERIFY THE EXISTING GUTTER FLOW LINE DIRECTION. THE CONTRACTOR SHALL MAINTAIN THE EXISTING FLOW DIRECTION AND/OR ELIMINATE ANY POTENTIAL PONDING AND REVERSE FLOW WITHIN THE GUTTER. 13. 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. 14. THE CONTRACTOR SHALL RECONSTRUCT EACH SITE WITHIN 7 WORKING DAYS AFTER DEMOLITION. 15. COMPACT NATIVE SOIL TO 95% RELATIVE COMPACTION UNDER CURB, GUTTER, DRIVE APPROACH AND DRIVE WAY PER CALTRANS TEST 216 AND 90% RELATIVE COMPACTION UNDER SIDEWALK AND OTHER PEDESTRIAN AREAS. 16. APPLY TACK COAT TO EXISTING AC AND CONCRETE VERTICAL SURFACES PRIOR TO PAVING. 17. WHEN RESETTNG SIGNS WITHIN AREAS TO BE RECONSTRUCTED THE SIGN POSTS SHALL BE INSTALLED WITHIN A 6" LONG X 6" IN DIAMETER PVC SLEEVE. PLUG SLEEVE 2" FROM TOP WITH CONCRETE AFTER SIGN INSTALLATION. 18. 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. 19. THE SANITARY SEWER SYSTEM AND HOUSE CONNECTIONS, TOGETHER WITH WATER MAIN, GAS MAINS, IF ANY, AND THEIR RESPECTIVE SERVICE CONNECTIONS SHALL BE COMPLETED IN THE STREET BEFORE INSTALLATION OF THE THE STREET SURFACING. 20. INSTALL SIDEWALKS, CURBS, AND GUTTERS AS PER CITY OF FRESNO STANDARD DRAWING P-5 AND IN ACCORDANCE WITH DETAILS ON THESE DRAWINGS. CURBS AND GUTTERS SHALL BE CONSTRUCTED BEFORE PLACING THE STREET SURFACING AND BASE COURSE. 21. THE TYPICAL CROSS SECTIONS SHOWN SHALL BE USED ONLY FOR THE PAVEMENT STRUCTURAL SECTION. OVERLAY THICKNESS AND SIDE SLOPES. SEE PLAN AND PROFILE SHEETS FOR HORIZONTAL LIMITS AND LOCATIONS OF CURB AND GUTTER, MEDIAN ISLANDS, SAWCUTTING, GRINDING, OVERLAYS, SIDEWALKS, FENCES, ROW LINES, EXISTING FEATURES AND ANY OTHER PROPOSED IMPROVEMENTS. THE TYPICAL CROSS SECTION SHOULD NOT BE USED FOR STAKING OF PROPOSED IMPROVEMENTS. 22. ALL BOUNDARY STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THIS PLAN. 23. THE TRANSITION BETWEEN THE EDGE AND END OF THE REQUIRED STREET SURFACING AND THE EXISTING SURFACING OR GROUND SHALL NOT HAVE A SLOPE STEEPER THAN 5 PERCENT.				24. TRAFFIC REQUIREMENTS: A. ALL SIGNING, DETOURING AND BARRICADING SHALL CONFORM TO THE 2014 CALIFORNIA SUPPLEMENT TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION. B. ALL SIGNS SHALL BE RETROFLECTIVE PER CHAPTER 2A.08 OF THE 2014 MUTCD. C. HIGH LEVEL WARNING DEVICES SHALL BE USED ON ALL APPROACHES TO THE CONSTRUCTION AREA. D. SPECIAL ATTENTION IS CALLED TO SECTION 7-10.1 THROUGH 10.3 OF THE CITY STANDARD SPECIFICATIONS. E. NO PUBLIC STREET SHALL BE CLOSED WITHOUT PRIOR APPROVAL FROM THE CITY TRAFFIC ENGINEER. 25. CONSTRUCT ACCESSIBLE RAMPS AND FINISH RAMP SURFACES AS DIRECTED BY ENGINEER. 26. ALL SEWER MANHOLES AFFECTED BY THIS PROJECT SHALL BE ADJUSTED TO GRADE AS NECESSARY AND INCLUDED IN THIS WORK. 27. REFER TO CITY OF FRESNO WATER PIPELINE REPLACEMENT PLANS FOR WATER VALVE REPLACEMENT. FOR COORDINATION WITH WATER DIVISION, CALL (55) 621-5360 28. APPROVAL OF STREET PLANS SHALL IN NO WAY BE CONSTRUED AS A GRANT BY THE CITY AND/OR COUNTY OF ANY RIGHTS TO THE CONTRACTOR TO TRESPASS UPON LAND RIGHTFULLY IN THE POSSESSION OF, OR OWNED BY ANOTHER, WHETHER SUCH LAND IS PRIVATELY OR PUBLICLY OWNED. THE CONTRACTOR SHALL OBTAIN WRITTEN AUTHORIZATION FROM ANY ADJACENT PROPERTY OWNER GIVING HIM PERMISSION TO ENTER HIS PROPERTY FOR PURPOSE OF CONSTRUCTING THE IMPROVEMENTS DELINEATED ON THESE PLANS AND TRANSITIONS THERETO. THE CONTRACTOR SHALL PROVIDE THE CITY AND/OR COUNTY WITH A COPY OF OWNERS PERMISSION PRIOR TO START OF WORK. 29. CONTRACTOR TO FURNISH AND INSTALL LOCAL STREET NAME SIGNS AT EACH INTERSECTION																	
				UTILITY NOTES																	
				1. LOCATIONS OF EXISTING UNDERGROUND FACILITIES ARE APPROXIMATE EXACT DEPTH AND LOCATIONS ARE UNKNOWN. 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.																	
				CITY OF FRESNO GENERAL NOTES																	
				GENERAL NOTES, STREET PLANS: 1. THE WORK EMBRACED HEREIN SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE PROVISIONS OF THE SPECIFICATIONS ENTITLED CITY OF FRESNO, STANDARD SPECIFICATIONS, LATEST EDITION, INSOFAR AS THE SAME MAY APPLY, WHICH SPECIFICATIONS HEREINAFTER ARE REFERRED TO AS THE STANDARD SPECIFICATION. 2. CONTRACTOR WILL NOTIFY F.M.F.C.D CONSTRUCTION MANAGER, AT (559) 456-3292, 48 HOURS PRIOR TO CONNECTING TO ANY STORM DRAIN FACILITY. 3. TWO WORKING DAYS PRIOR TO COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT, TOLL FREE, AT 1-800-227-2600 OR 811. 4. CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF AN OWNER'S WRITTEN AUTHORIZATION AND/OR SIGNED USE AGREEMENT PRIOR TO THE START OF WORK FOR ANY TEMPORARY WORK AREA, STANDING AREA, OR EQUIPMENT STORAGE FACILITIES TO BE USED FOR THIS PROJECT. AT THE COMPLETION OF WORK, THE CONTACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF A WRITTEN RELEASE LETTER STATING THAT ALL TEMPORARY USES FACILITIES HAVE BEEN RESTORED BACK TO THE OWNER'S SATISFACTION. 5. CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES AND PROVIDE PROTECTION PRIOR TO AND DURING CONSTRUCTION. 6. IN THE EVENT OVERHEAD ELECTRICAL LINES EXIST WITHIN THE LIMITS OF CONSTRUCTION, MAINTAIN PROPER CLEARANCE. CONTACT P.G.& E TO VERIFY WIRE LOCATION. GENERAL NOTES, SIGNING AND STRIPING: 1. WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, INCLUDING ALL REVISIONS. THE LATEST CALTRANS ADOPTED EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD), AND THE LATEST EDITION OF THE CITY OF FRESNO STANDARD SPECIFICATIONS, DRAWINGS, AND SPECIAL PROVISIONS. 2. ALL SIGNS SHALL BE TYPE III OR IV RETROREFLECTIVE SHEETING PER ASTM D4956-09. ALL SIGNS SHALL BE COVERED WITH A TRANSLUCENT ANTI-GRAFFITI FLUOROPOLYMER FILM THAT DOES NOT IMPAIR THE REFLECTIVITY OF THE SIGN. 3. WITH THE EXCEPTION OF BIKE LANE SYMBOLS, ALL STRIPING SHALL BE THERMOPLASTIC. 4. ALL CROSSWALKS SHALL BE 12 FEET WIDE, OUTSIDE EDGE TO OUTSIDE EDGE. 5. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW TYPE K-1 (CA) MARKERS ON ALL MEDIAN ISLAND NOSES, UNLESS OTHERWISE NOTED ON THE PLAN. 6. THE CONTRACTOR SHALL INSTALL DETAIL 26 (RETRO-REFLECTIVE PAVEMENT MARKERS) ALONG ALL RAISED MEDIANS, AS PER 2014 CALIFORNIA MUTCD. 7. THE CONTRACTOR SHALL PAINT THE RADII OF ALL RAISED MEDIAN ISLAND NOSES WITH TWO COATS OF YELLOW TRAFFIC PAINT WITH RETRO REFLECTIVE GLASS BEADS, UNLESS OTHERWISE NOTED ON THE PLAN. 8. SIGNS SHALL BE INSTALLED PER CITY STANDARD DRAWING P-88, UNLESS OTHERWISE NOTED ON THE PLANS. 9. ALL R28(S)(CA) SIGNS SHALL BE "TOW-AWAY/NO STOPPING ANY TIME" SIGNS PER CITY STANDARD DRAWING P-91.																	
		DATE		RECORD DRAWING		SCALE		 SUPERVISING ENGINEER 3/11/2025 DATE 		PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING							
DESIGNED: DK		3/11/2025		RESIDENT ENGINEER		DATE				JENSEN AVENUE IMPROVEMENT PROJECT				FRUIT AVENUE TO FIG AVENUE		GENERAL NOTES					
DRAWN: EC		3/11/2025								ROAD NO. S0200				BRIDGE NO. N/A		DRAWING NO. 11290		SHEET NO. 3		TOTAL 36	
CHECKED: SA		3/11/2025																			
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																					



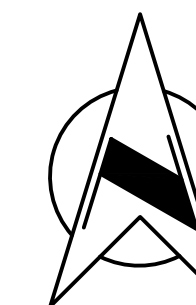
	DATE	RECORD DRAWING		SCALE	 _____ SUPERVISING ENGINEER	<u>3/11/2025</u> DATE		PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK	3/11/2025	RESIDENT ENGINEER	DATE	NOT TO SCALE				JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE			TYPICAL SECTIONS		
DRAWN: EC	3/11/2025												
CHECKED: SA	3/11/2025												
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.								ROAD NO. S0200	BRIDGE NO. N/A		DRAWING NO. 11290	SHEET NO. 4	TOTAL 36



NOTE:
REFER TO SHEETS 16-17 FOR MEDIAN LOCATION.

DESIGNED: DK		DATE		RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025		RESIDENT ENGINEER		NOT TO SCALE		JENSEN AVENUE IMPROVEMENT PROJECT		TYPICAL SECTIONS	
CHECKED: SA		3/11/2025						FRUIT AVENUE TO FIG AVENUE			
								ROAD NO. S0200		DRAWING NO. 11290	
								BRIDGE NO. N/A		SHEET NO. 5	
										TOTAL 36	

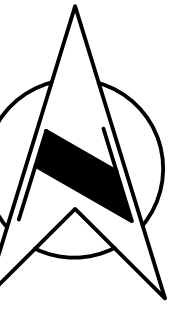
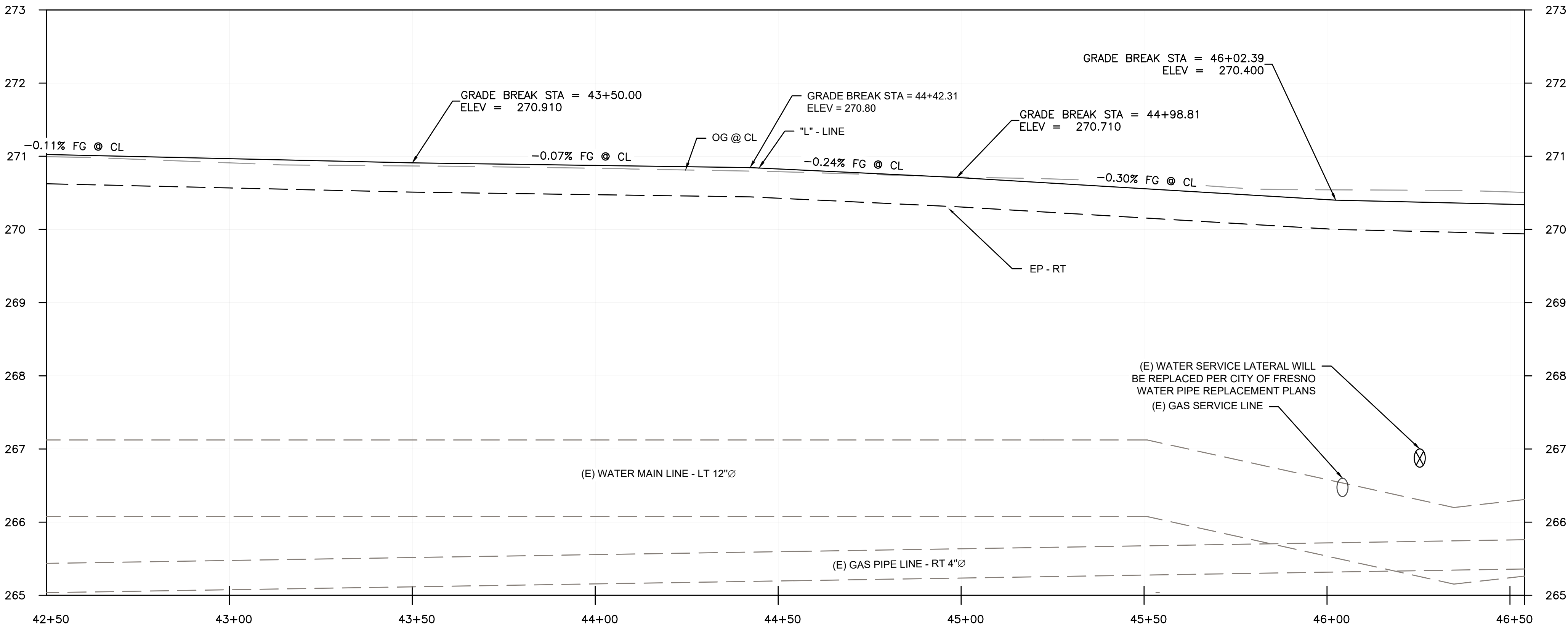
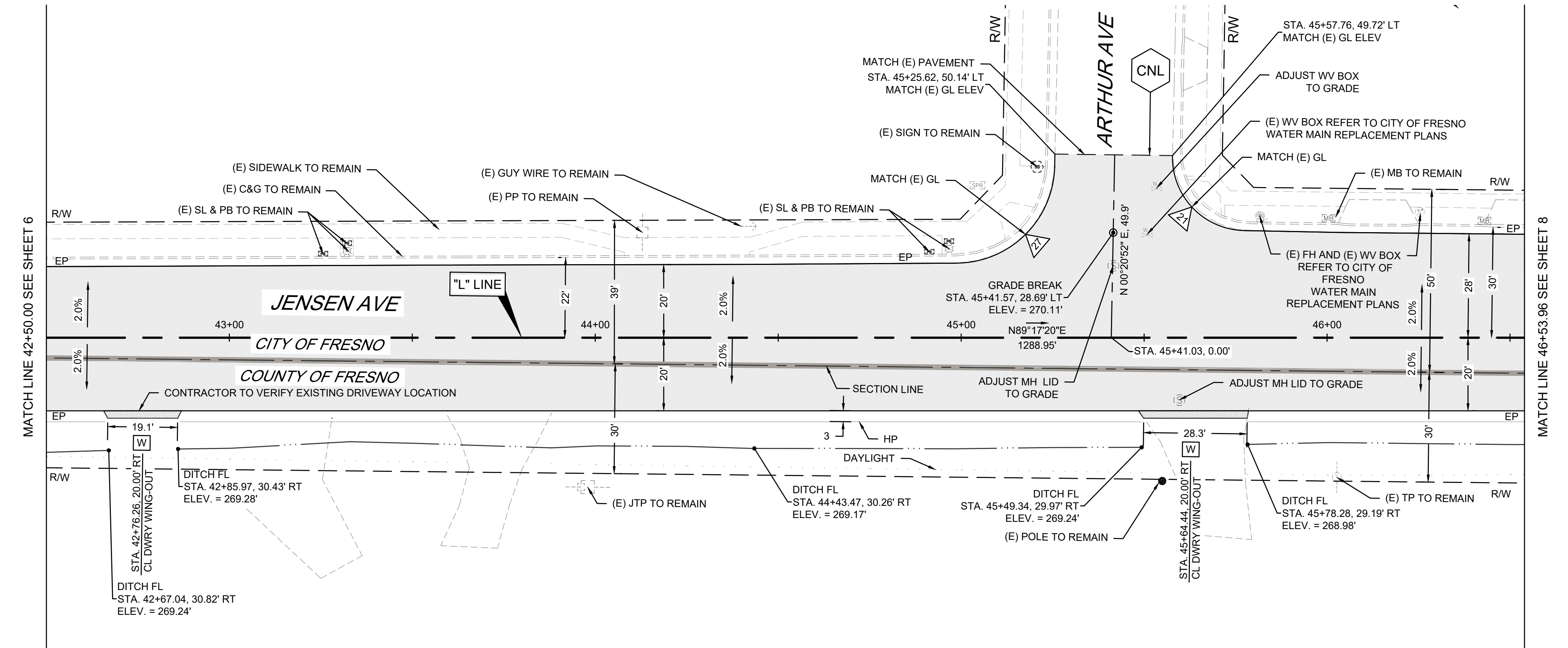
THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POTHOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



	DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER 3/11/25 DATE			PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING			
DESIGNED: DK	3/11/25	RESIDENT ENGINEER	DATE						JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE			CONSTRUCTION PLAN AND PROFILE			
DRAWN: EC	3/11/25								ROAD NO. S0200			BRIDGE NO. N/A	DRAWING NO. 11290	SHEET NO. 6	TOTAL 36
CHECKED: SA	3/11/25														
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.															

NOTE:

THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK



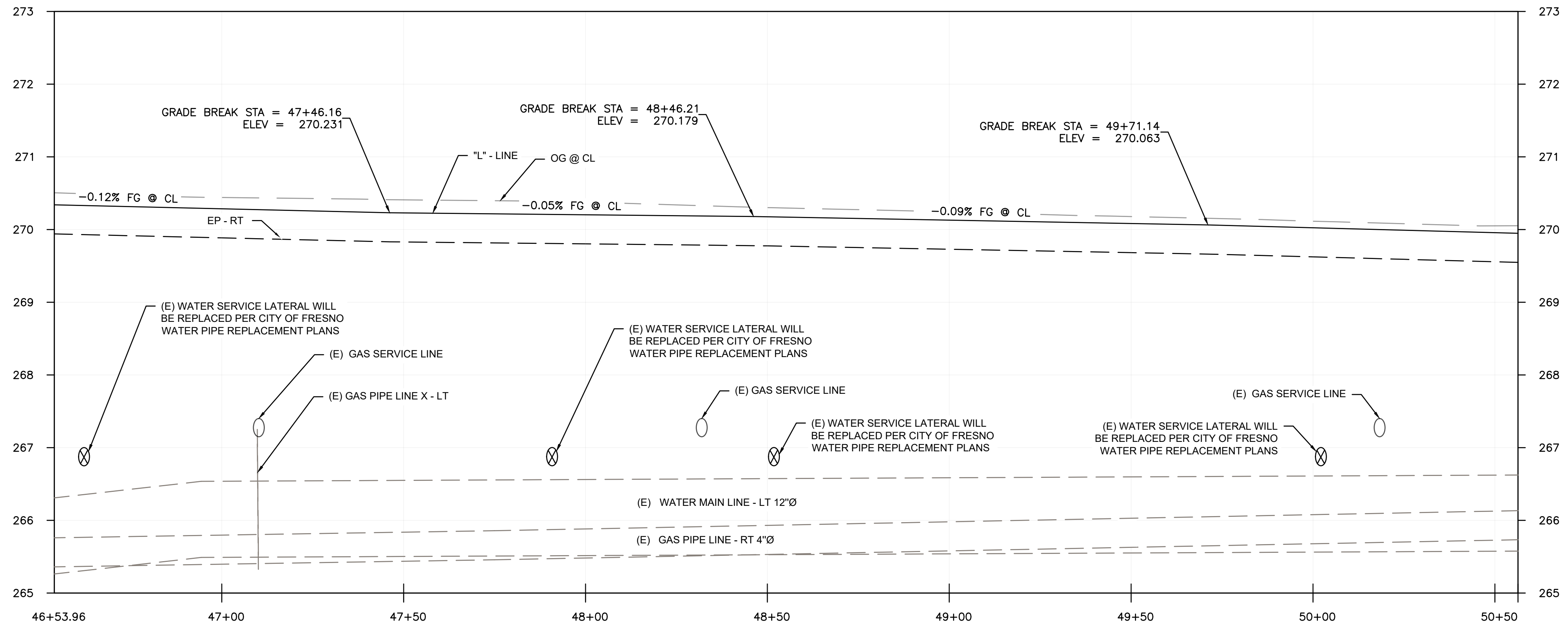
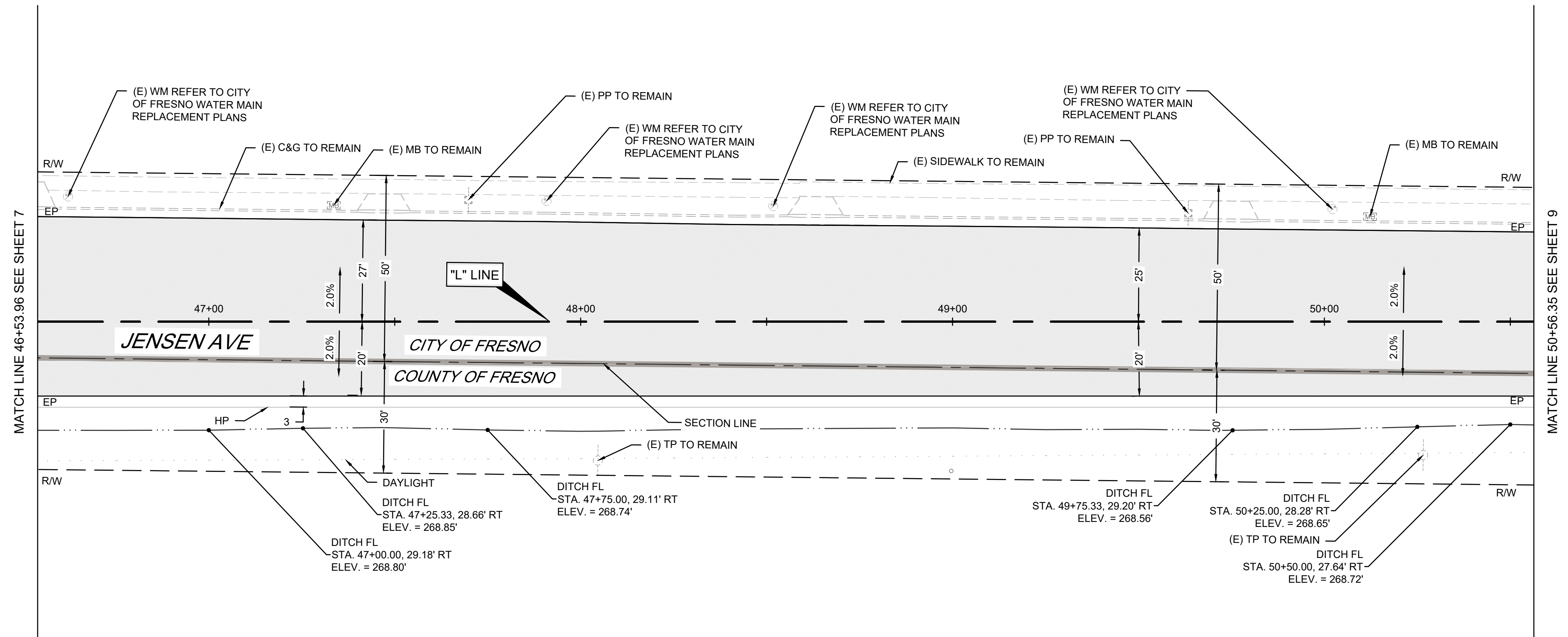
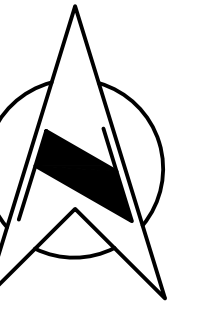
	DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER	 3/11/2025 DATE	PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK	3/11/2025	RESIDENT ENGINEER		DATE	HORIZ 0 20' 40'			JENSEN AVENUE IMPROVEMENT PROJECT			CONSTRUCTION PLAN AND PROFILE		
DRAWN: EC	3/11/2025				VERT 0 1' 2'			FRUIT AVENUE TO FIG AVENUE					
CHECKED: SA	3/11/2025							ROAD NO. S0200 BRIDGE NO. N/A			DRAWING NO. 11290 SHEET NO. 7 TOTAL 36		
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.													

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

TOTAL 36

NOTE:

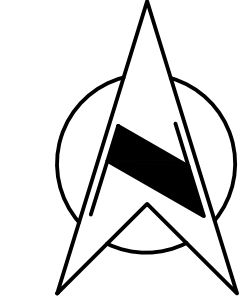
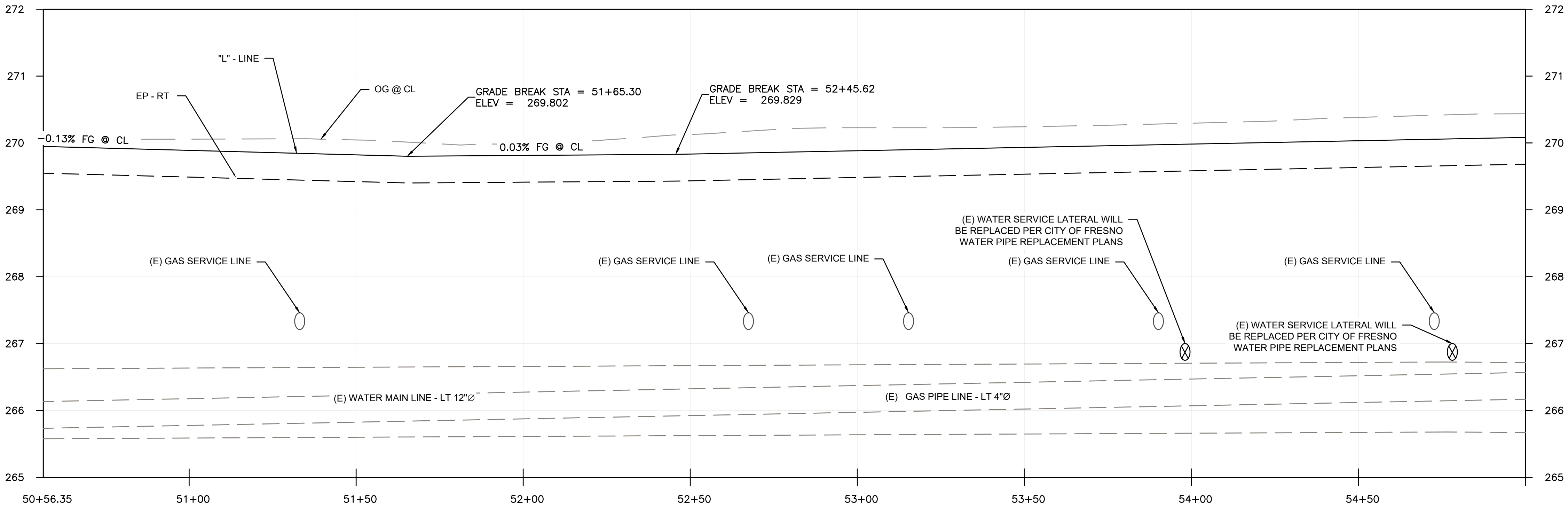
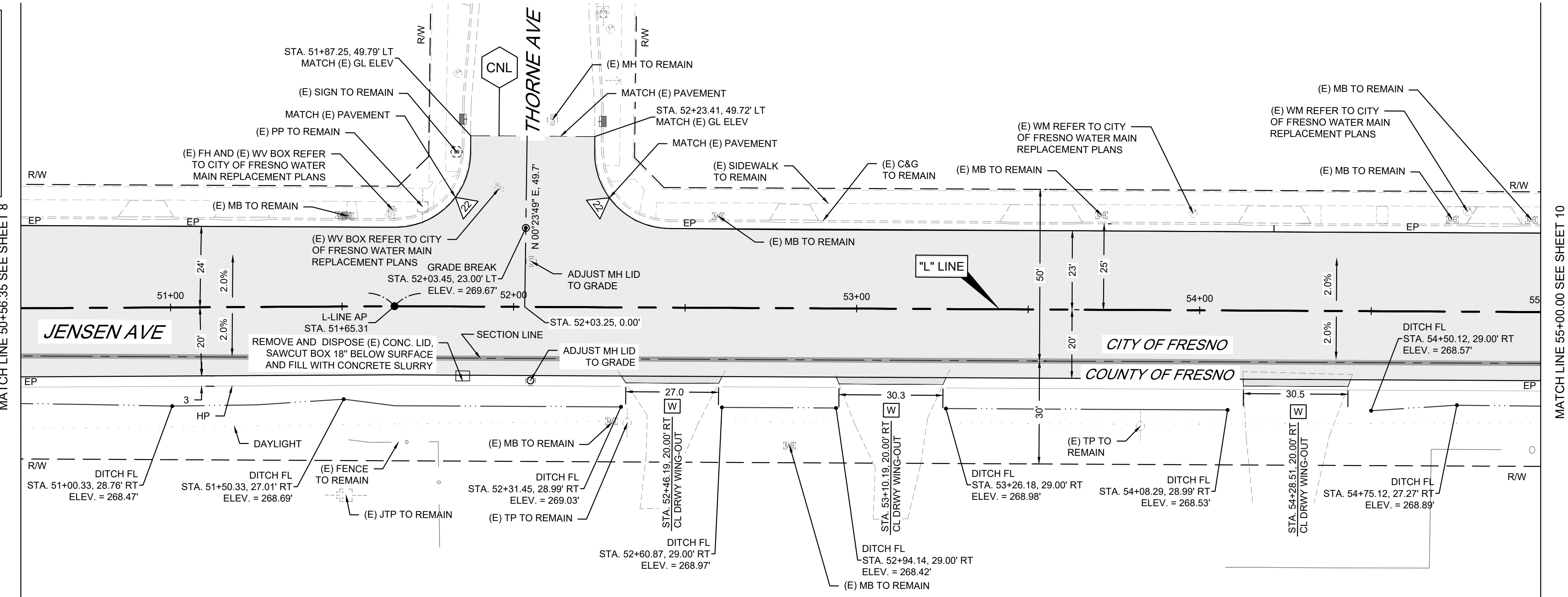
THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



		DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER	 3/11/2025 DATE	PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK		3/11/2025	RESIDENT ENGINEER		HORIZ 				JENSEN AVENUE IMPROVEMENT PROJECT			CONSTRUCTION PLAN AND PROFILE		
DRAWN: EC		3/11/2025			VERT 				FRUIT AVENUE TO FIG AVENUE					
CHECKED: SA		3/11/2025							ROAD NO. S0200			BRIDGE NO. N/A		DRAWING NO. 11290 SHEET NO. 8 TOTAL 36
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.														

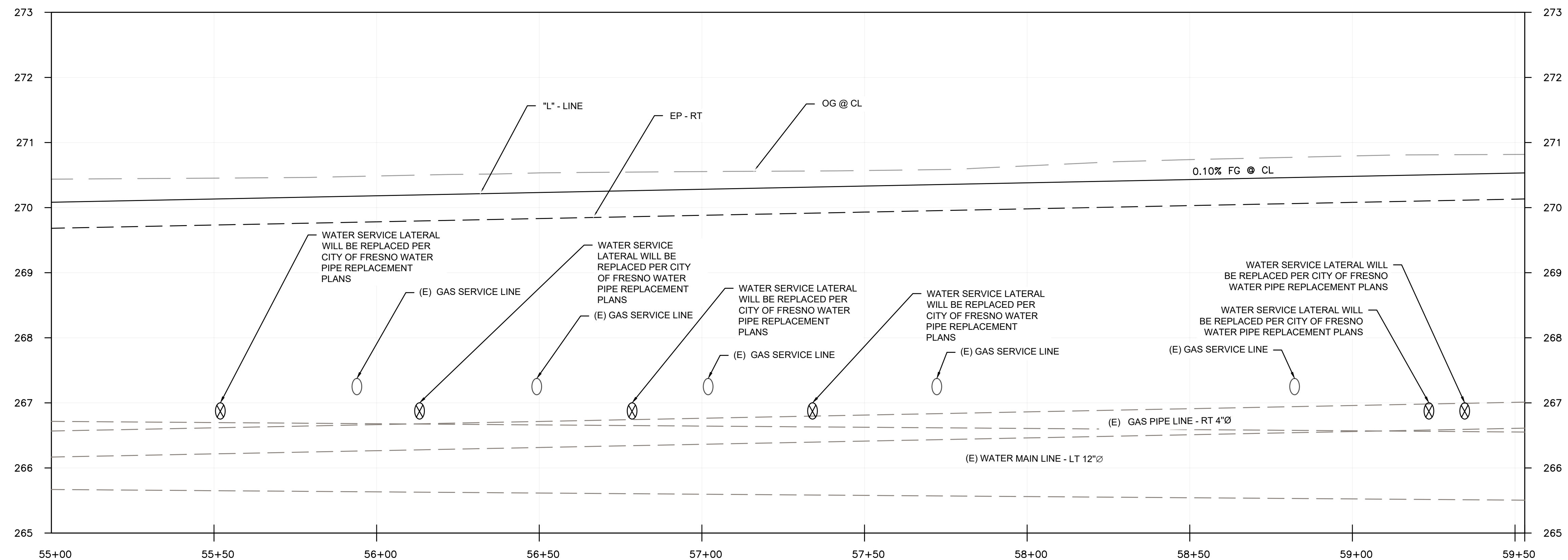
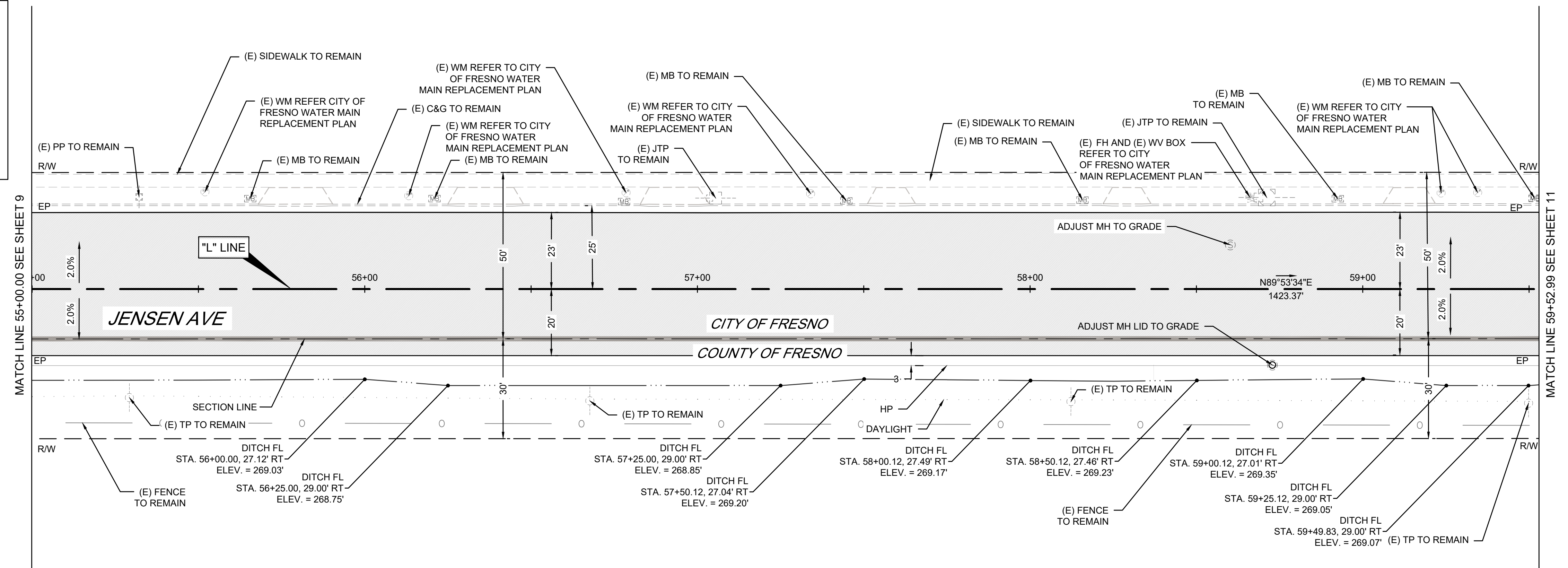
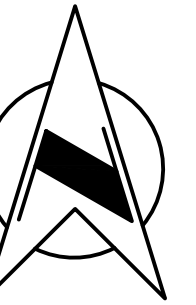
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

NOTE:
THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



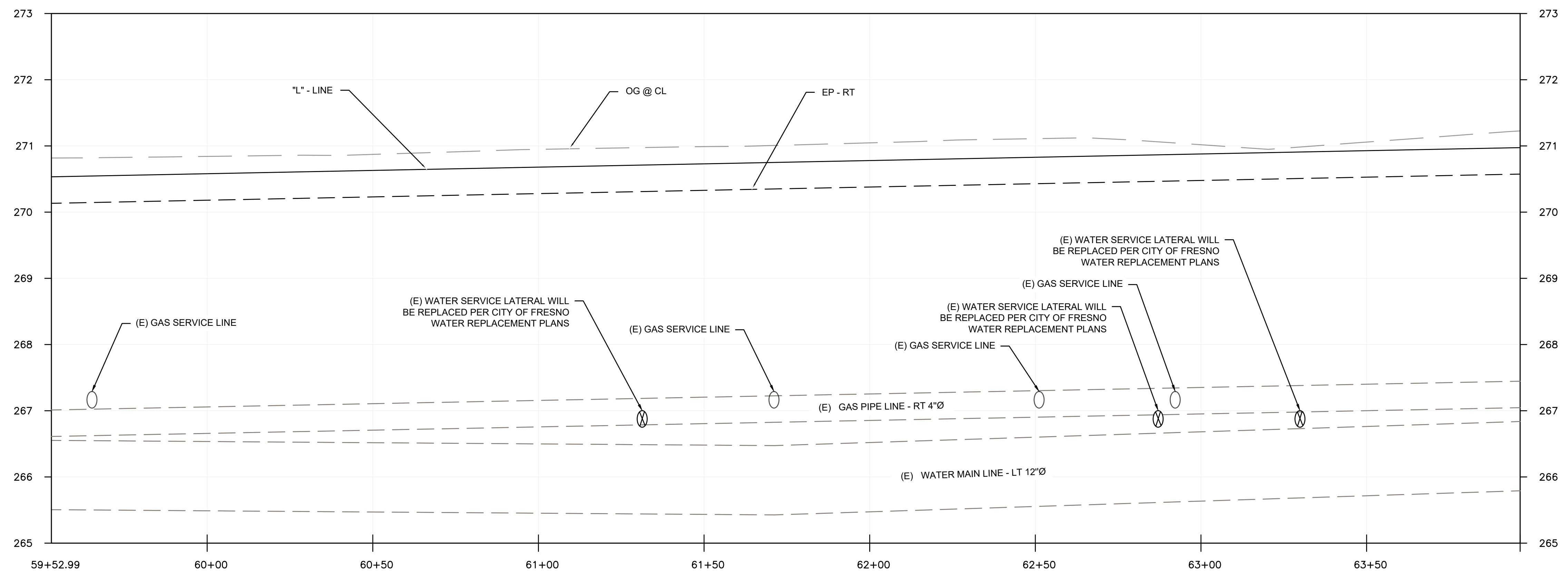
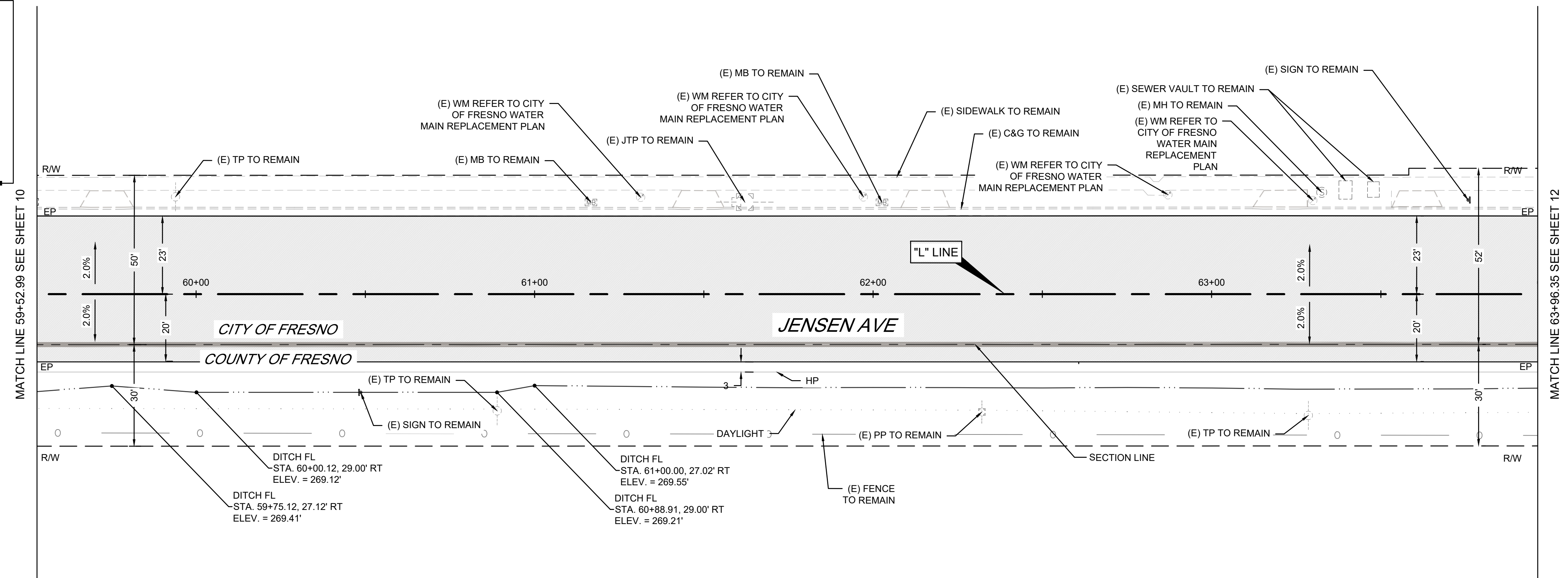
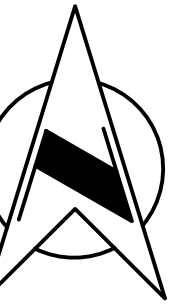
DESIGNED: DK		DATE	3/11/2025	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		DATE	3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		CONSTRUCTION PLAN AND PROFILE	
CHECKED: SA		DATE	3/11/2025			VERT 0 1' 2'		FRUIT AVENUE TO FIG AVENUE			
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.				SUPERVISING ENGINEER		3/11/2025 DATE		ROAD NO. S0200 BRIDGE NO. N/A		DRAWING NO. 11290 SHEET NO. 9 TOTAL 36	

THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POTHOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



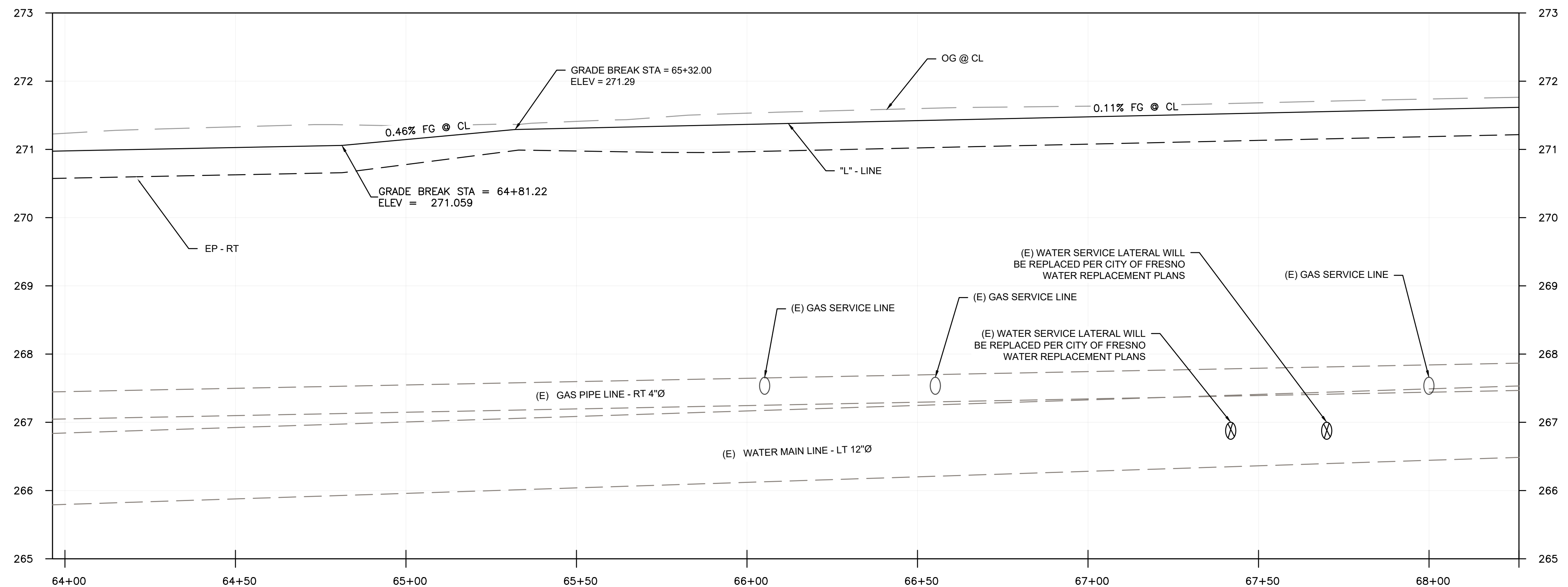
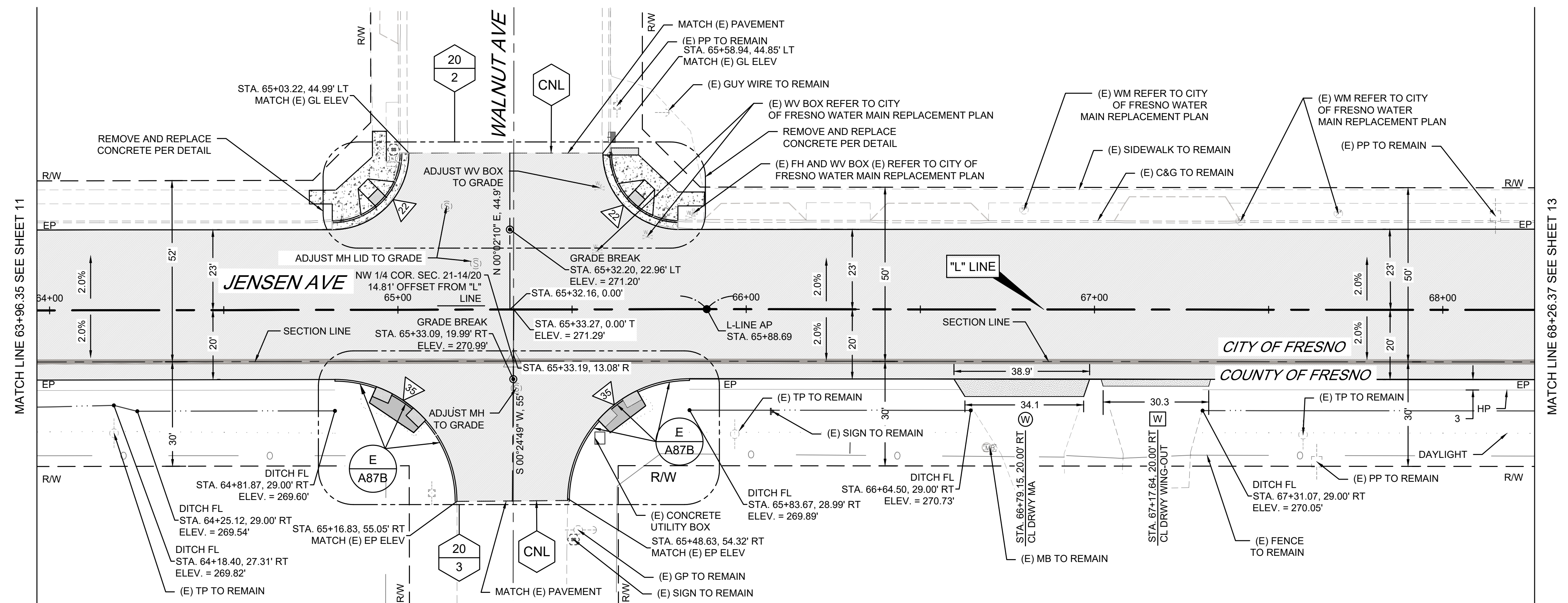
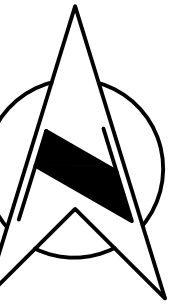
		DATE	RECORD DRAWING		SCALE				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK	3/11/2025	RESIDENT ENGINEER	DATE		HORIZ 0 20' 40' VERT 0 1' 2'		 SUPERVISING ENGINEER		3/11/2025 DATE	JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE					
DRAWN: EC	3/11/2025									ROAD NO. S0200 BRIDGE NO. N/A					
CHECKED: SA	3/11/2025											DRAWING NO. 11290 SHEET NO. 10 TOTAL 36			
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.															

THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POTHOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



	DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER 3/11/2025 DATE				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING			
DESIGNED: DK	3/11/2025	RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'				JENSEN AVENUE IMPROVEMENT PROJECT		FRUIT AVENUE TO FIG AVENUE		CONSTRUCTION PLAN AND PROFILE					
DRAWN: EC	3/11/2025			VERT 0 1' 2'													
CHECKED: SA	3/11/2025																
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																	
ROAD NO.		S0200		BRIDGE NO.		N/A				DRAWING NO.		11290		SHEET NO. 11		TOTAL 36	

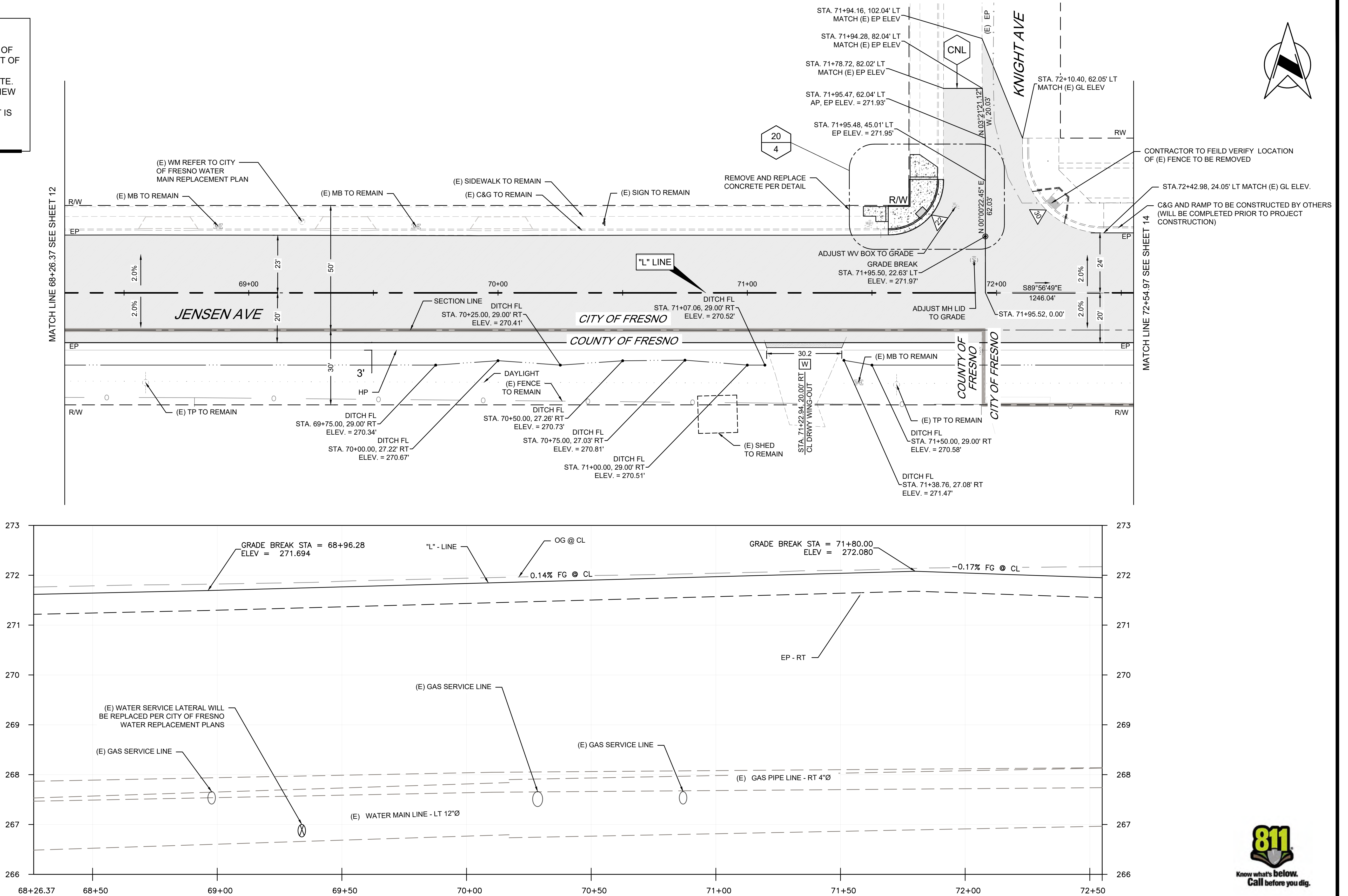
THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POTHOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



		DATE	RECORD DRAWING		SCALE				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK	3/11/2025	RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'					JENSEN AVENUE IMPROVEMENT PROJECT				CONSTRUCTION PLAN AND PROFILE		
DRAWN: EC	3/11/2025			VERT 0 1' 2'		3/11/2025			FRUIT AVENUE TO FIG AVENUE						
CHECKED: SA	3/11/2025					DATE			ROAD NO. S0200		BRIDGE NO. N/A		DRAWING NO. 11290 SHEET NO. 12 TOTAL 36		
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.															

NOTE:

THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



		DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER	 3/11/2025 DATE	PROJECT		 THE COUNTY OF FRESNO	DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK		3/11/2025	RESIDENT ENGINEER		DATE				JENSEN AVENUE IMPROVEMENT PROJECT			CONSTRUCTION PLAN AND PROFILE		
DRAWN: EC		3/11/2025			HORIZ 0 20' 40'				FRUIT AVENUE TO FIG AVENUE					
CHECKED: SA		3/11/2025			VERT 0 1' 2'									
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.														
ROAD NO. S0200		BRIDGE NO. N/A												
DRAWING NO. 11290		SHEET NO. 13		TOTAL 36										

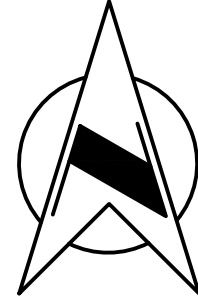
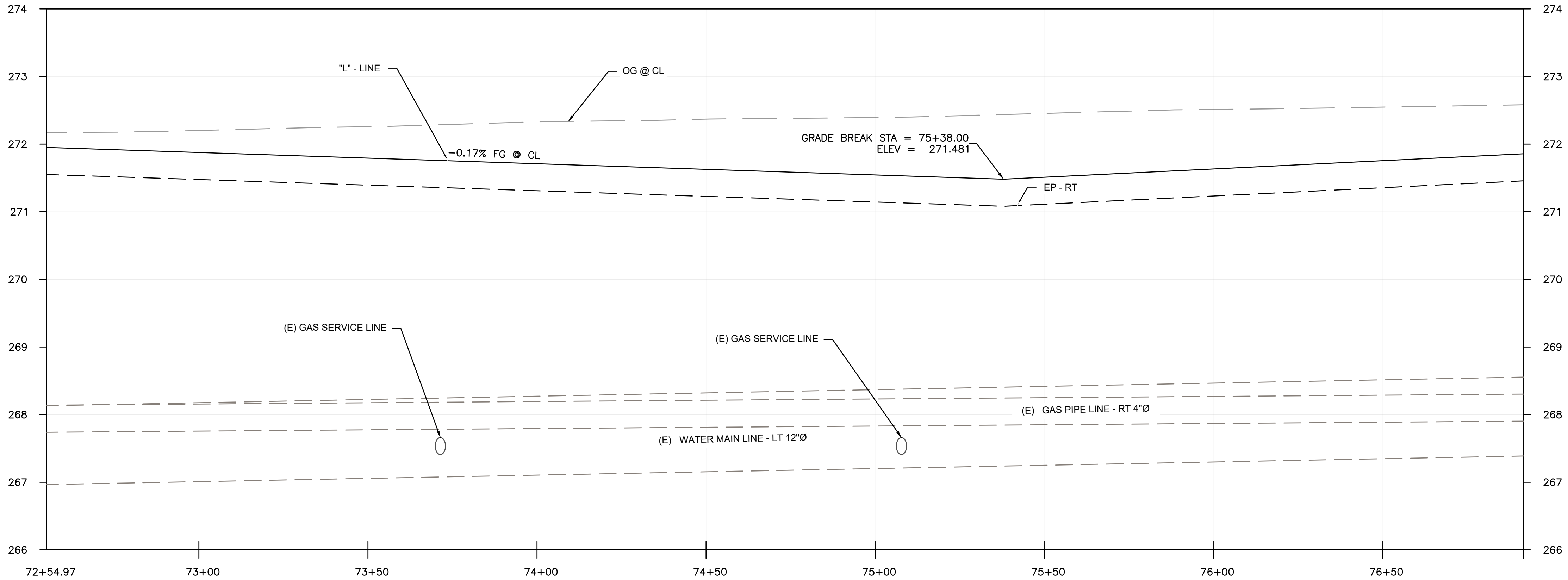
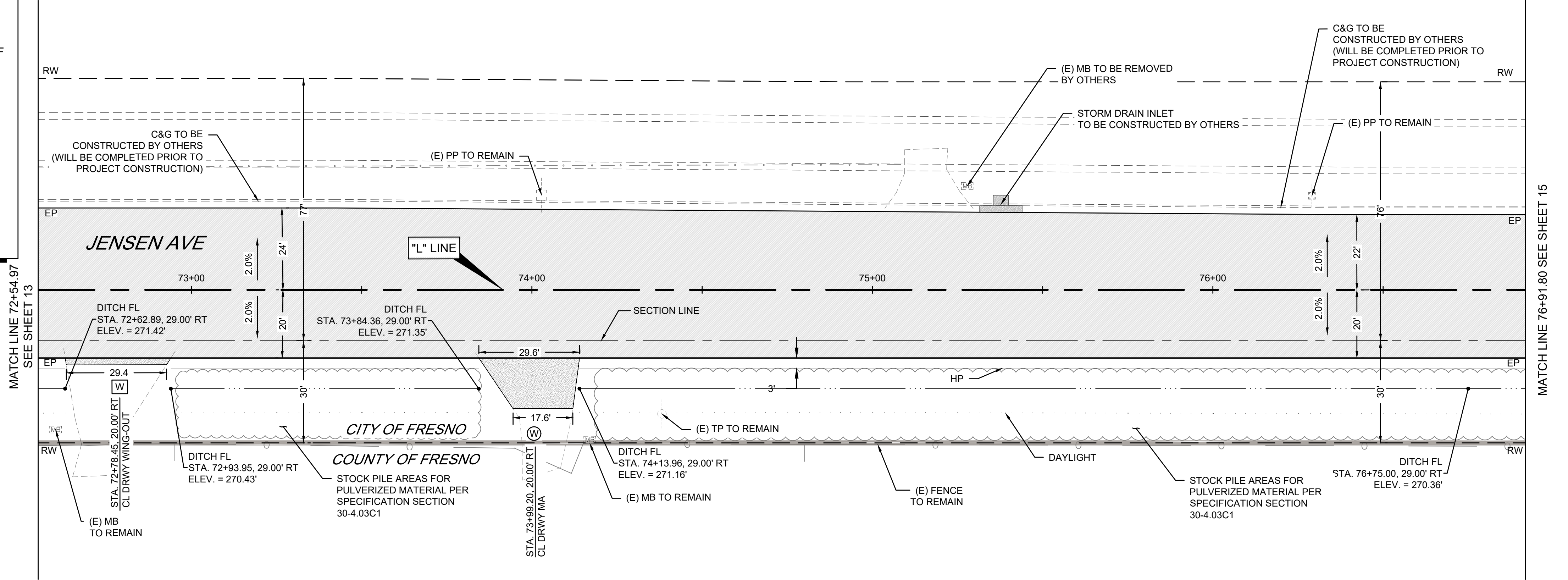
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

TOTAL 36

NOTE:

THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.

REFER TO "FRESNO METROPOLITAN FLOOD CONTROL DISTRICT CONSTRUCTION OF STORM DRAINAGE FACILITIES IN DRAINAGE AREA "SS" FOR THE INSTALLATIONS OF SD INLETS, MANHOLES, AND PIPES NOT SHOWN ON THIS PLAN.

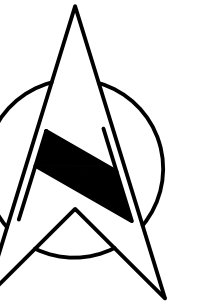


		DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER	 3/11/2025 DATE	PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING			
DESIGNED: DK		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40' VERT 0 1' 2'				JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE			CONSTRUCTION PLAN AND PROFILE			
DRAWN: EC		3/11/2025							ROAD NO. S0200			BRIDGE NO. N/A		DRAWING NO. 11290	
CHECKED: SA		3/11/2025												SHEET NO. 14	
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.															
TOTAL 36															

NOTE:

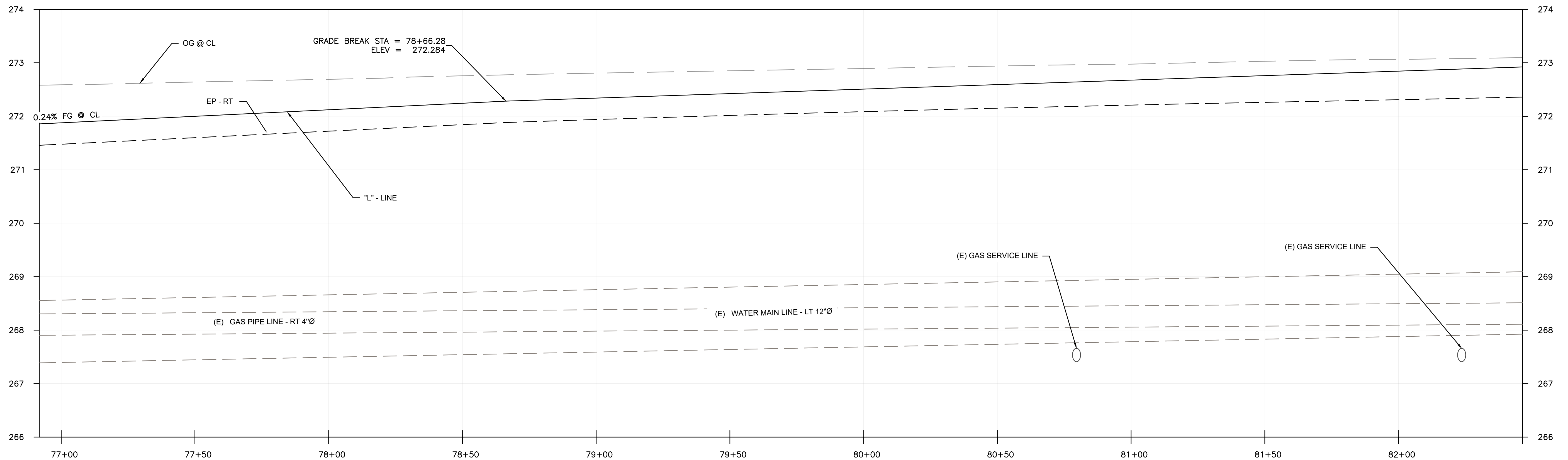
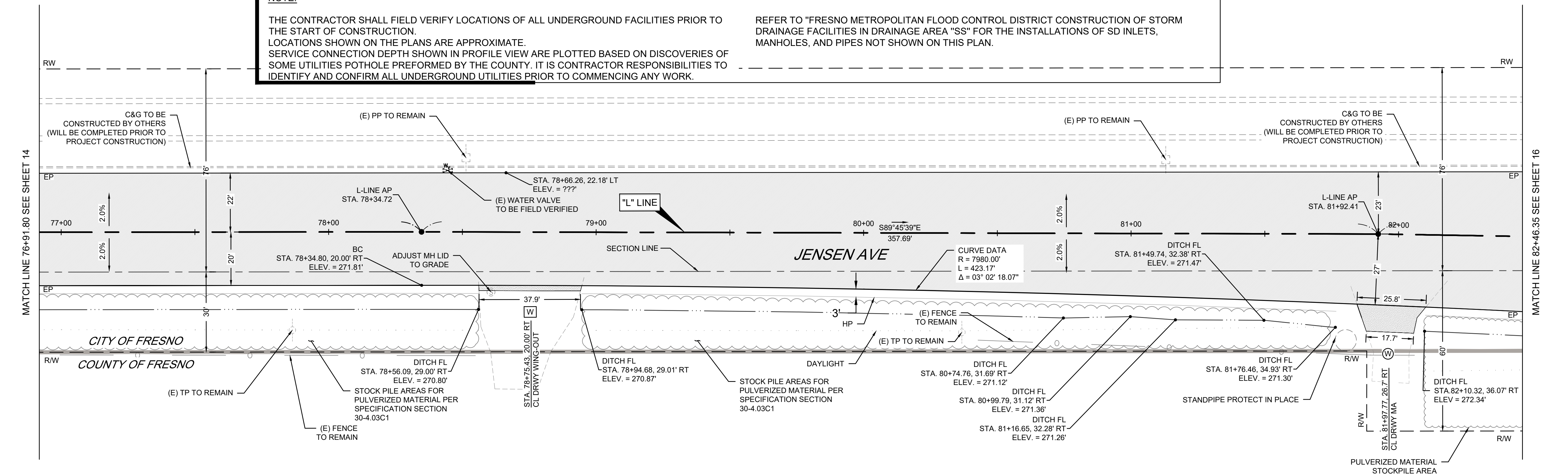
THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.

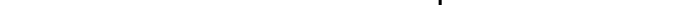
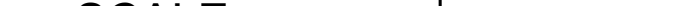
REFER TO "FRESNO METROPOLITAN FLOOD CONTROL DISTRICT CONSTRUCTION OF STORM DRAINAGE FACILITIES IN DRAINAGE AREA "SS" FOR THE INSTALLATIONS OF SD INLETS, MANHOLES, AND PIPES NOT SHOWN ON THIS PLAN.



MATCH LINE 76+91.80 SEE SHEET 14

MATCH LINE 82+46.35 SEE SHEET 16



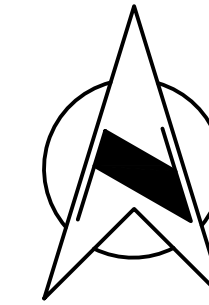
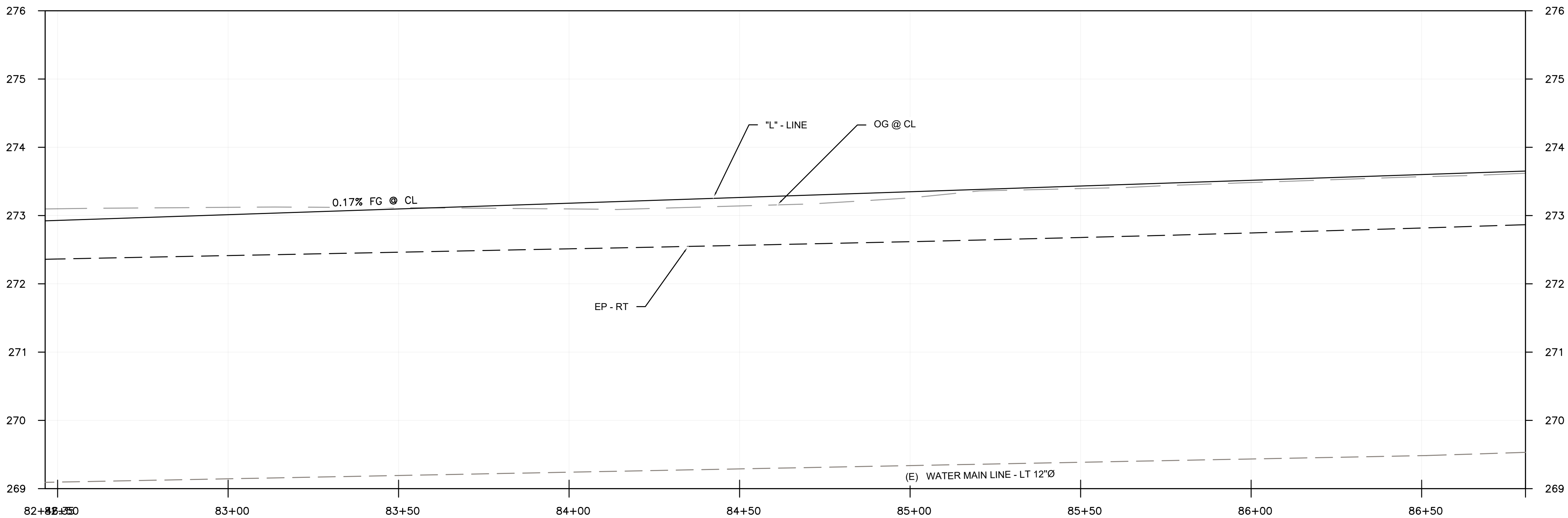
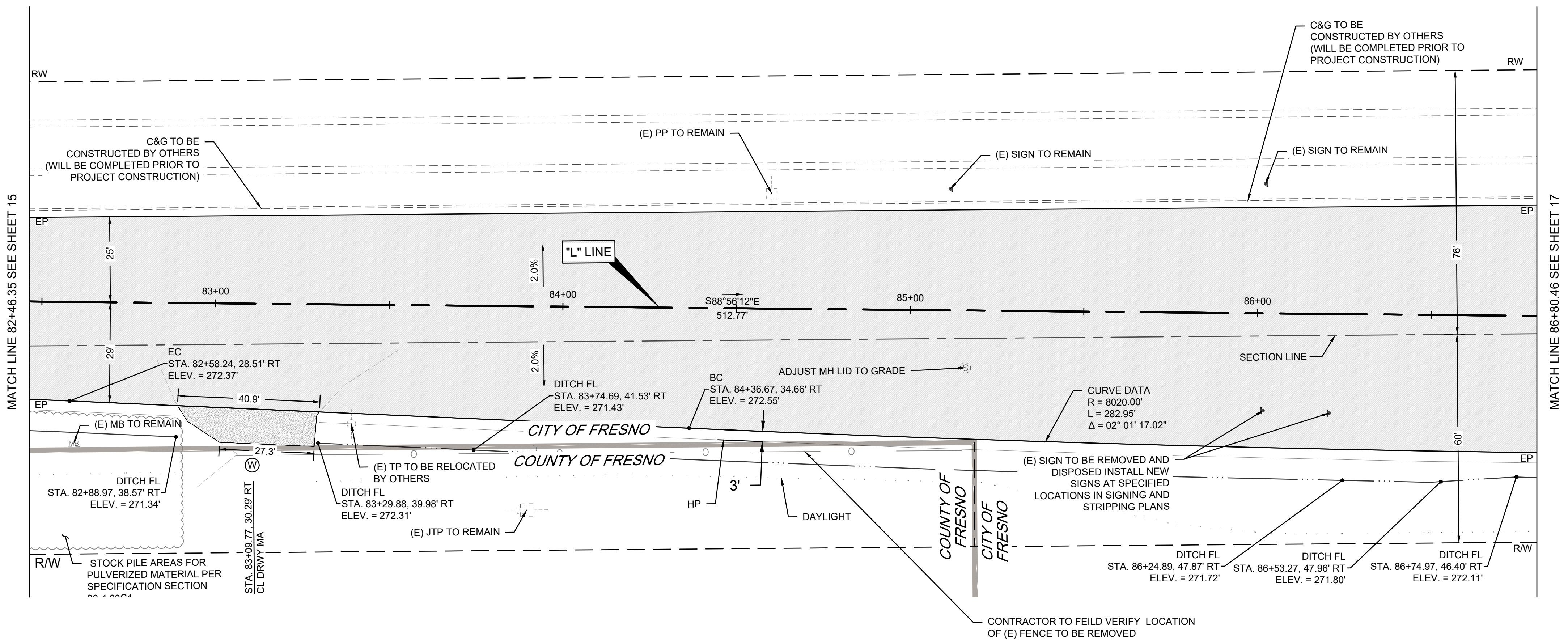
	DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER		 3/11/2025 DATE		PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING				
DESIGNED: DK	3/11/2025	RESIDENT ENGINEER		DATE	HORIZ 					JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE				CONSTRUCTION PLAN AND PROFILE				
DRAWN: EC	3/11/2025				VERT 													
CHECKED: SA	3/11/2025										ROAD NO. S0200		BRIDGE NO. N/A		DRAWING NO. 11290			
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.															SHEET NO. 15			
															TOTAL 36			

NOTE:

THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION.

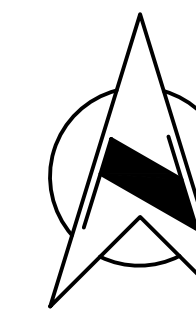
LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POT HOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.

REFER TO "FRESNO METROPOLITAN FLOOD CONTROL DISTRICT CONSTRUCTION OF STORM DRAINAGE FACILITIES IN DRAINAGE AREA "SS" FOR THE INSTALLATIONS OF SD INLETS, MANHOLES, AND PIPES NOT SHOWN ON THIS PLAN.



DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		CONSTRUCTION PLAN AND PROFILE	
CHECKED: SA		3/11/2025			VERT 0 1' 2'		FRUIT AVENUE TO FIG AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 16	
									TOTAL 36	

THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND FACILITIES PRIOR TO THE START OF CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. SERVICE CONNECTION DEPTH SHOWN IN PROFILE VIEW ARE PLOTTED BASED ON DISCOVERIES OF SOME UTILITIES POTHOLE PREFORMED BY THE COUNTY. IT IS CONTRACTOR RESPONSIBILITIES TO IDENTIFY AND CONFIRM ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING ANY WORK.



	DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER	 3/11/2025 DATE	PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING									
DESIGNED: DK	3/11/2025	RESIDENT ENGINEER		DATE	JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE			CONSTRUCTION PLAN AND PROFILE												
DRAWN: EC	3/11/2025																			
CHECKED: SA	3/11/2025																			
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.											ROAD NO. S0200		BRIDGE NO. N/A		DRAWING NO. 11290		SHEET NO. 17		TOTAL 36	



* CNS WHERE SHOWN ON PLANS

JENSEN AVE DRIVEWAY DATA					
STATION	DETAIL	W ₁ (FT)	W ₂ (FT)	LENGTH (FT)	AREA (FT ²)
42+76.26 R	A	21.2	19.1	2	40.6
45+64.44 R	A	30.1	28.3	2	58.9
52+46.19 R	A	29.4	27.0	2	56.7
53+10.19 R	A	32.0	30.3	2	62.6
54+28.51 R	A	31.3	30.5	2	62.1
66+79.15 R	B	38.9	34.1	5	182.5
67+17.64 R	A	31.5	30.3	2	61.7
71+22.94 R	A	31.7	30.2	2	61.8
72+78.45 R	A	31.0	29.4	2	60.4
73+99.20 R	B	29.6	17.6	15	350.5
78+75.43 R	A	38.6	37.9	2	76.4
81+97.77 R	B	25.8	17.7	10	210.6
83+09.77 R	B	40.9	27.3	10	349.8

OG

(E) EP

TOP OF EXISTING AC

REMOVE AC CONTAINING PAVING FABRIC PER SECTION 30

PULVERIZE AND PROCESS THE EXISTING REMAINING AC, AND AGGREGATE BASE FROM THIS SECTION, AS WELL FROM OTHER AREAS OF JENSEN AVENUE WITHIN THE PROJECT TO GENERATE AND STOCKPILE PULVERIZED MATERIAL IN ACCORDANCE WITH SPECIFICATION SECTION 30-4.03C.1

(E) EP

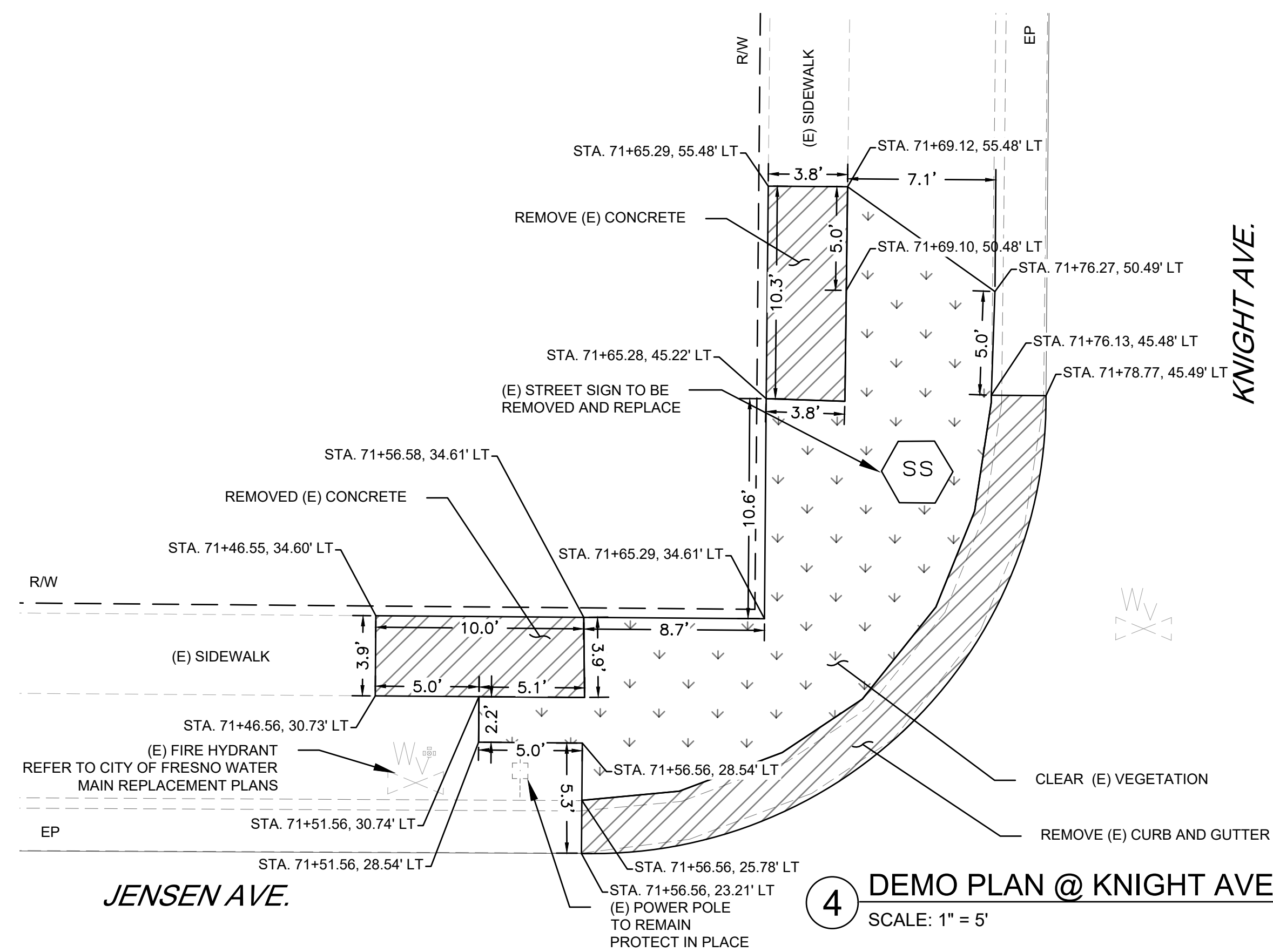
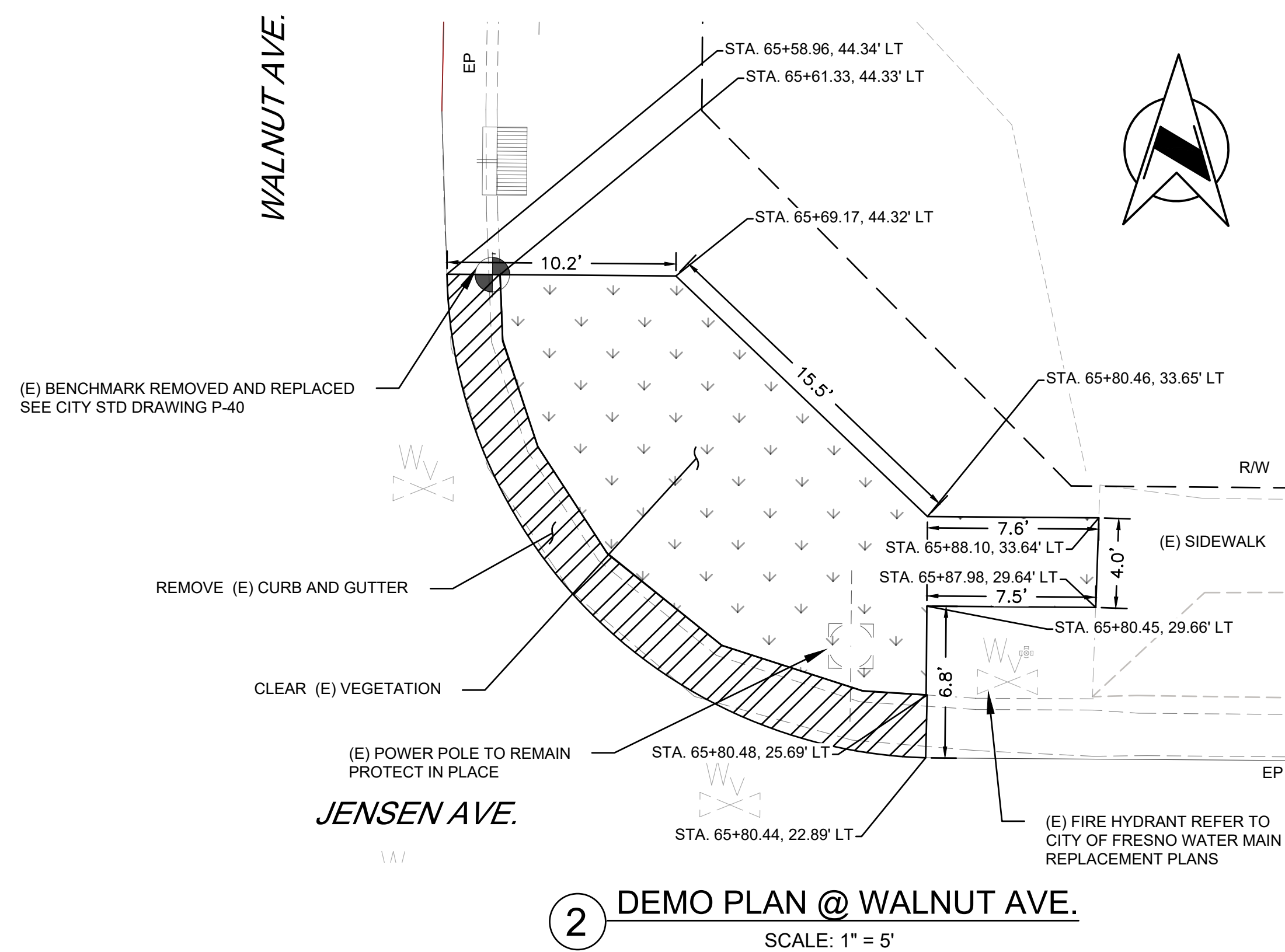
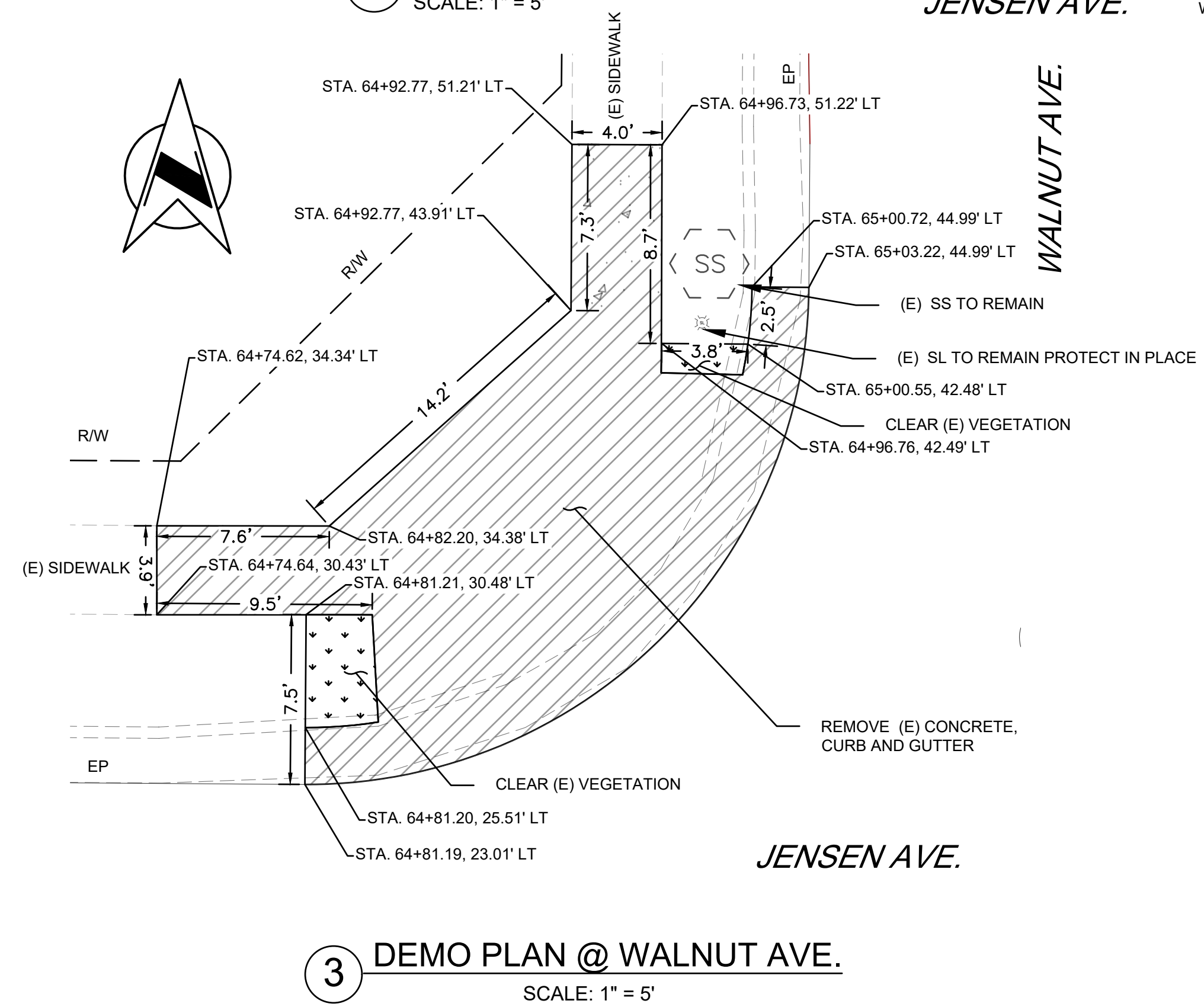
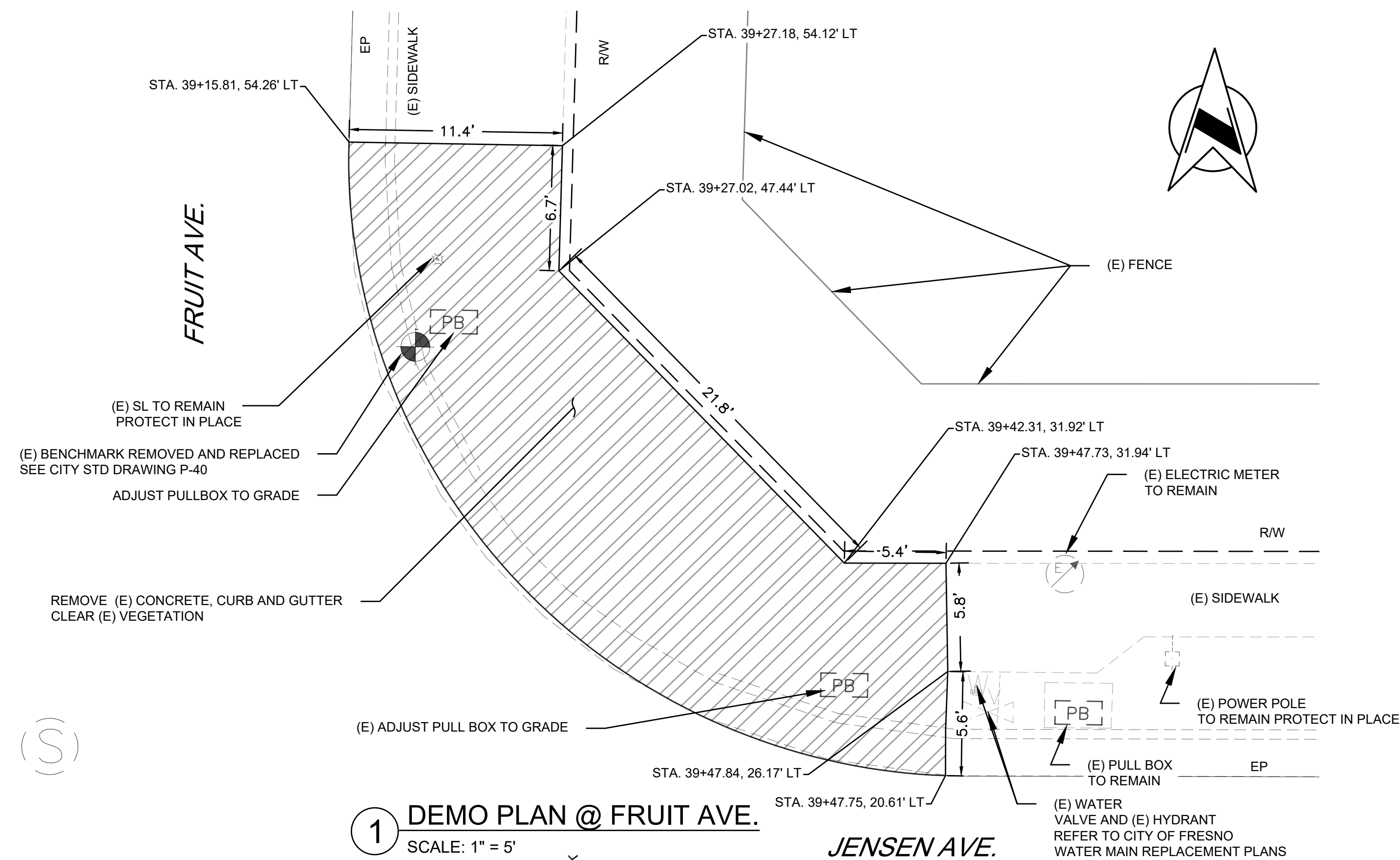
OG

JENSEN AVENUE
STA 72+43 TO STA 83+00

EXCAVATE IN-PLACE MATERIAL TO THE BOTTOM OF THE FDR-C LAYER AND REMOVE AND DISPOSE EXCESS MATERIAL

 PROPOSED STRUCTURAL SECTION
 NEW HMA
 NEW FDR BASE USING PULVERIZED MATERIAL FORM STOCKPILE

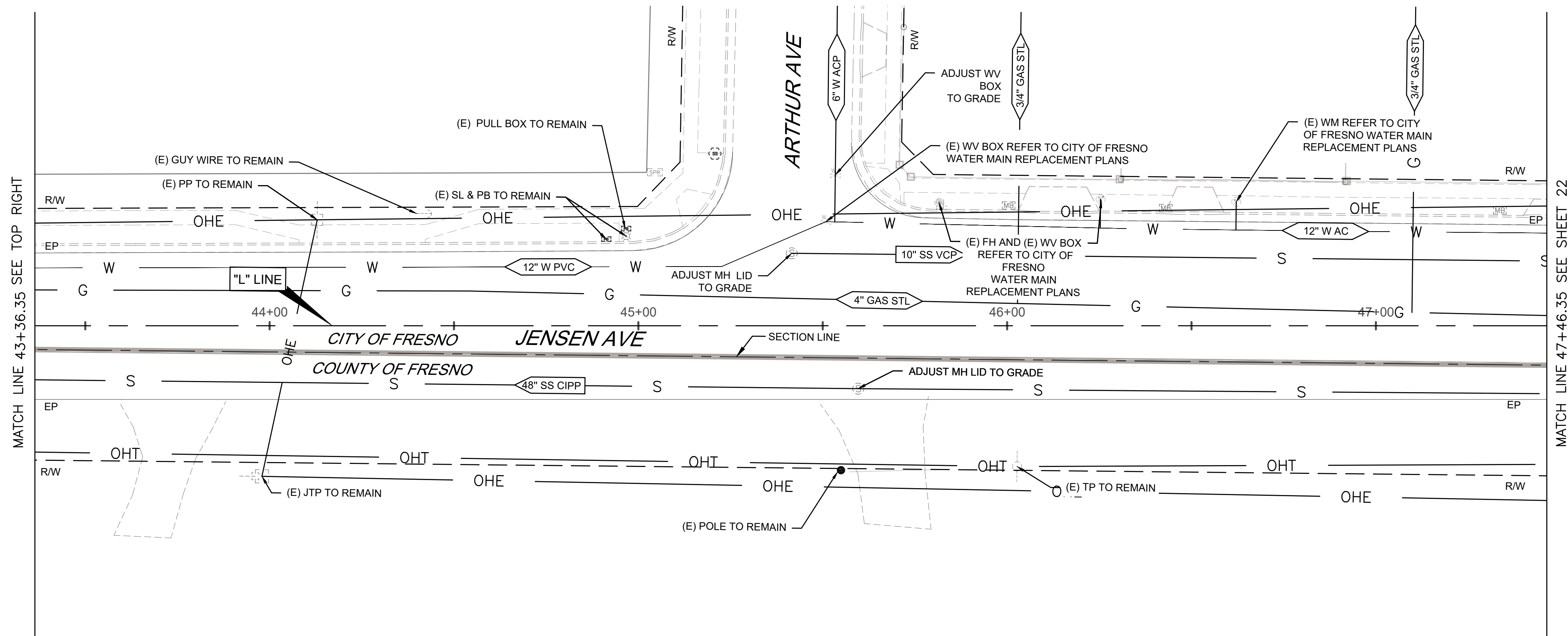
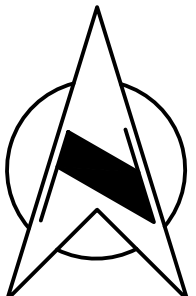
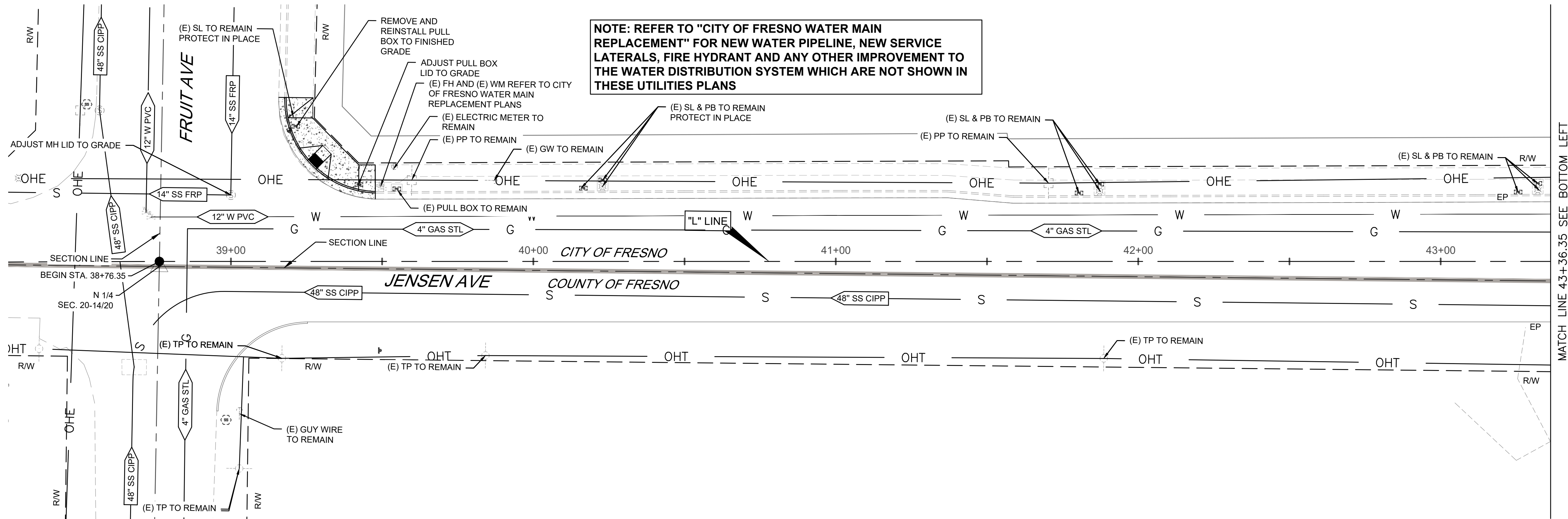
	DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER 3/11/2025 DATE				PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: ~~BE~~	3/11/2025	RESIDENT ENGINEER	DATE	NOT TO SCALE						JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE				CONSTRUCTION DETAILS		
DRAWN: EC	3/11/2025									ROAD NO. S0200				BRIDGE NO. N/A		
CHECKED: SA	3/11/2025															
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																



		DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER	 3/11/2025 DATE	PROJECT				DEPARTMENT OF PUBLIC WORKS AND PLANNING			
DESIGNED: DK		3/11/2025	RESIDENT ENGINEER		DATE	HORIZ 			JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE				DEMOLITION PLAN			
DRAWN: EC		3/11/2025														
CHECKED: SA		3/11/2025														
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.																
							3/11/2025 DATE			ROAD NO. S0200 BRIDGE NO. N/A			DRAWING NO. 11290 SHEET NO. 19 TOTAL 36			

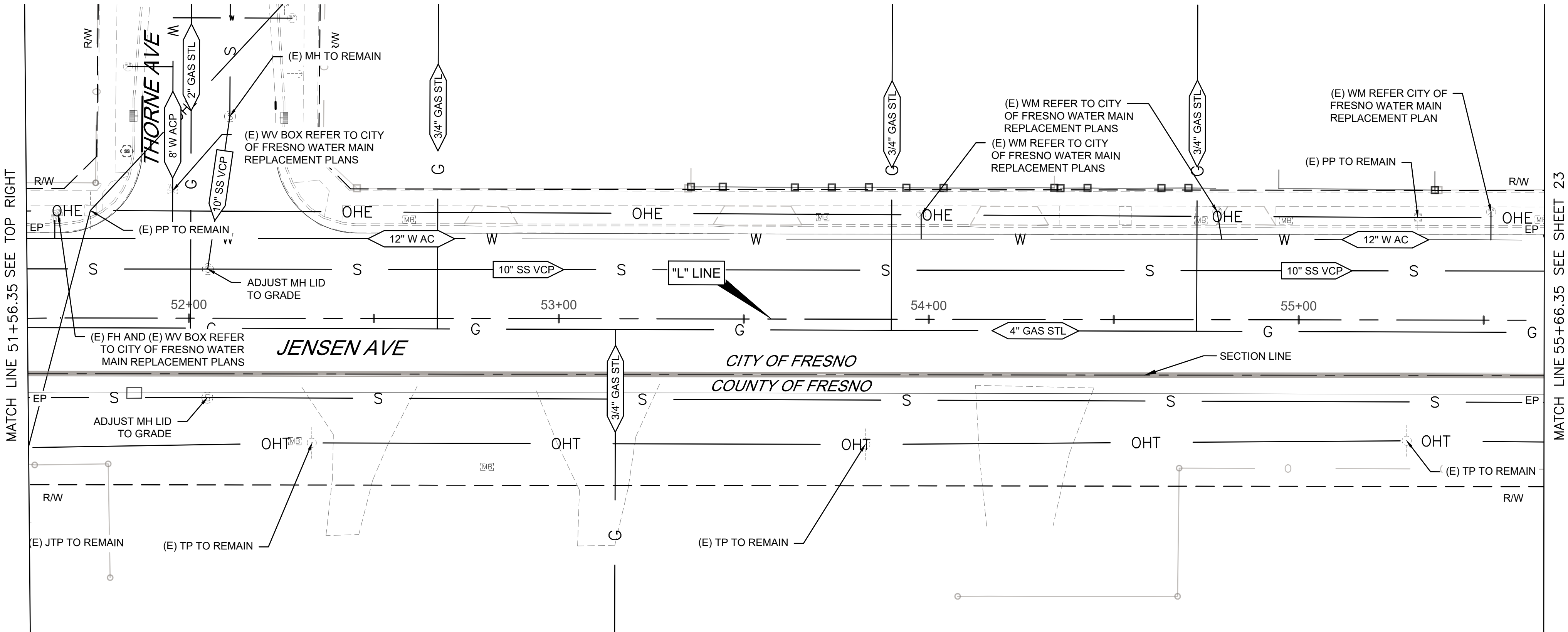
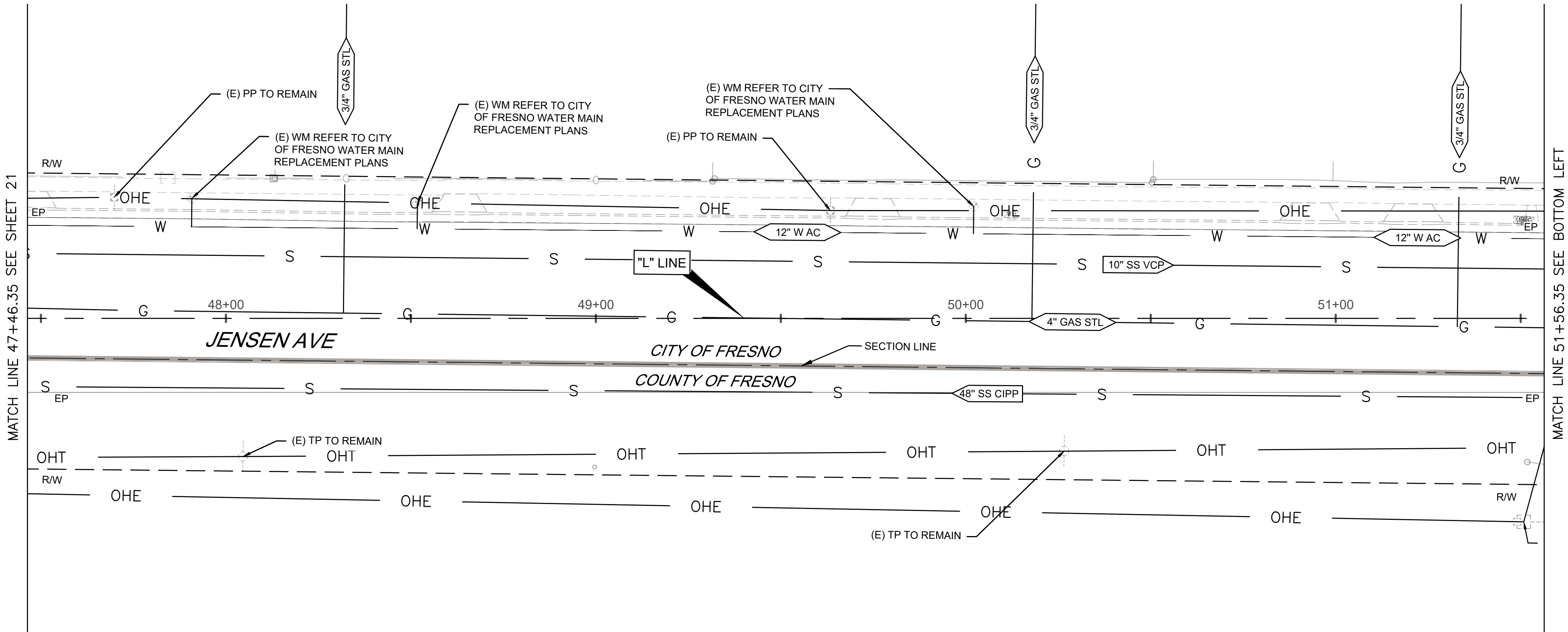
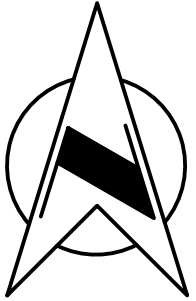


		DATE	RECORD DRAWING		SCALE				PROJECT		 DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DESIGNED: DK		3/11/2025	RESIDENT ENGINEER		HORIZ 0 5' 10' VERT - - -		 SUPERVISING ENGINEER		JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE			
DRAWN: EC		3/11/2025					3/11/2025 DATE					
CHECKED: SA		3/11/2025							ROAD NO. S0200 BRIDGE NO. N/A			
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.											DRAWING NO. 11290 SHEET NO. 20 TOTAL 36	



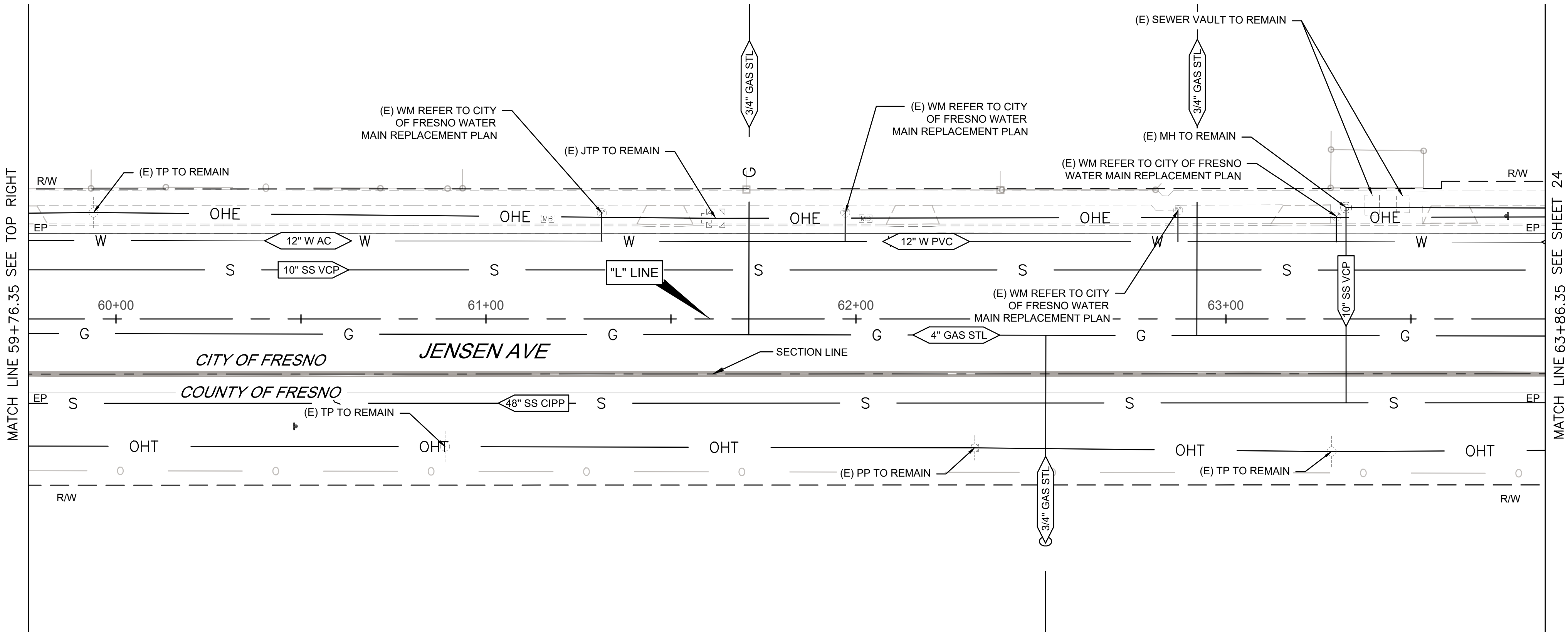
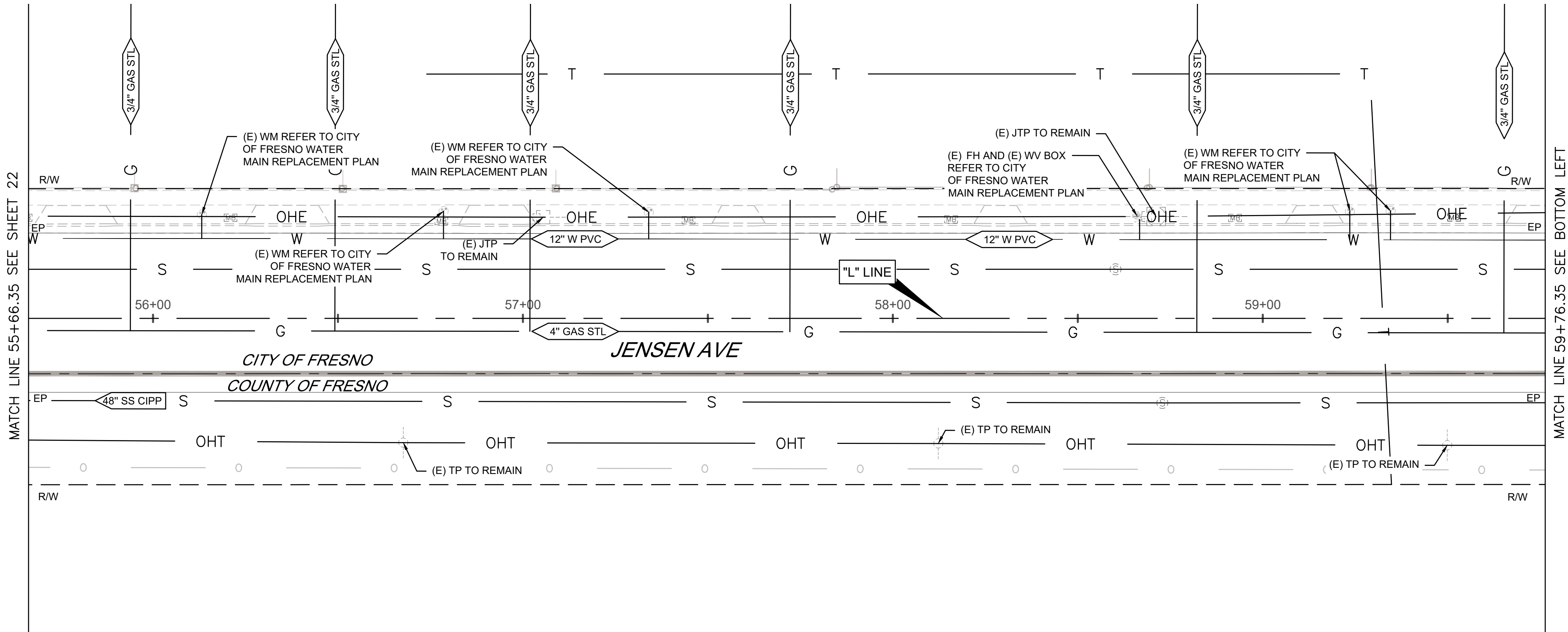
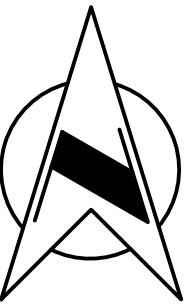
DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		EXISTING UTILITIES PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE			
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.							ROAD NO. S0200 BRIDGE NO. N/A		DRAWING NO. 11290 SHEET NO. 21 TOTAL 36	

NOTE: REFER TO "CITY OF FRESNO WATER MAIN REPLACEMENT" FOR NEW WATER PIPELINE, NEW SERVICE LATERALS, FIRE HYDRANT AND ANY OTHER IMPROVEMENT TO THE WATER DISTRIBUTION SYSTEM WHICH ARE NOT SHOWN IN THESE UTILITIES PLANS



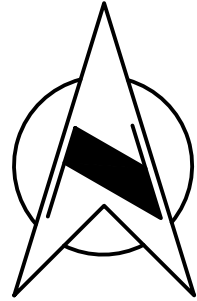
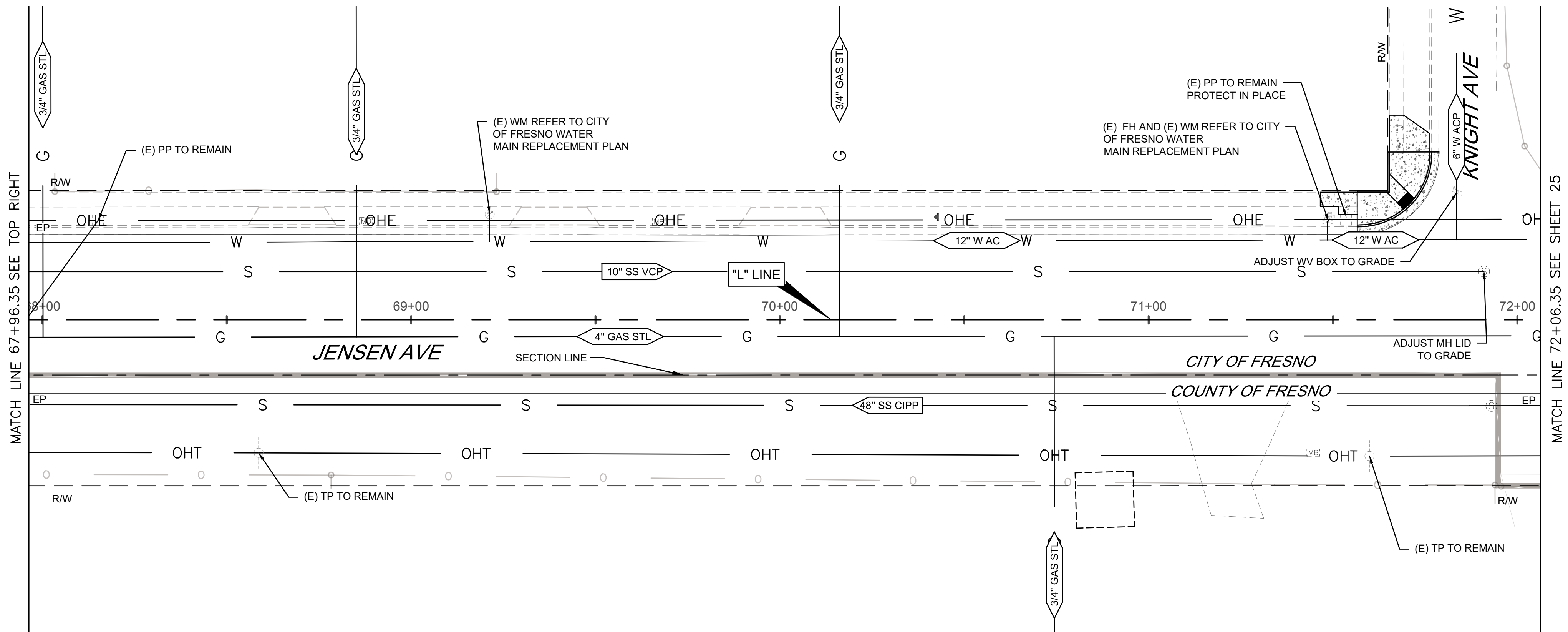
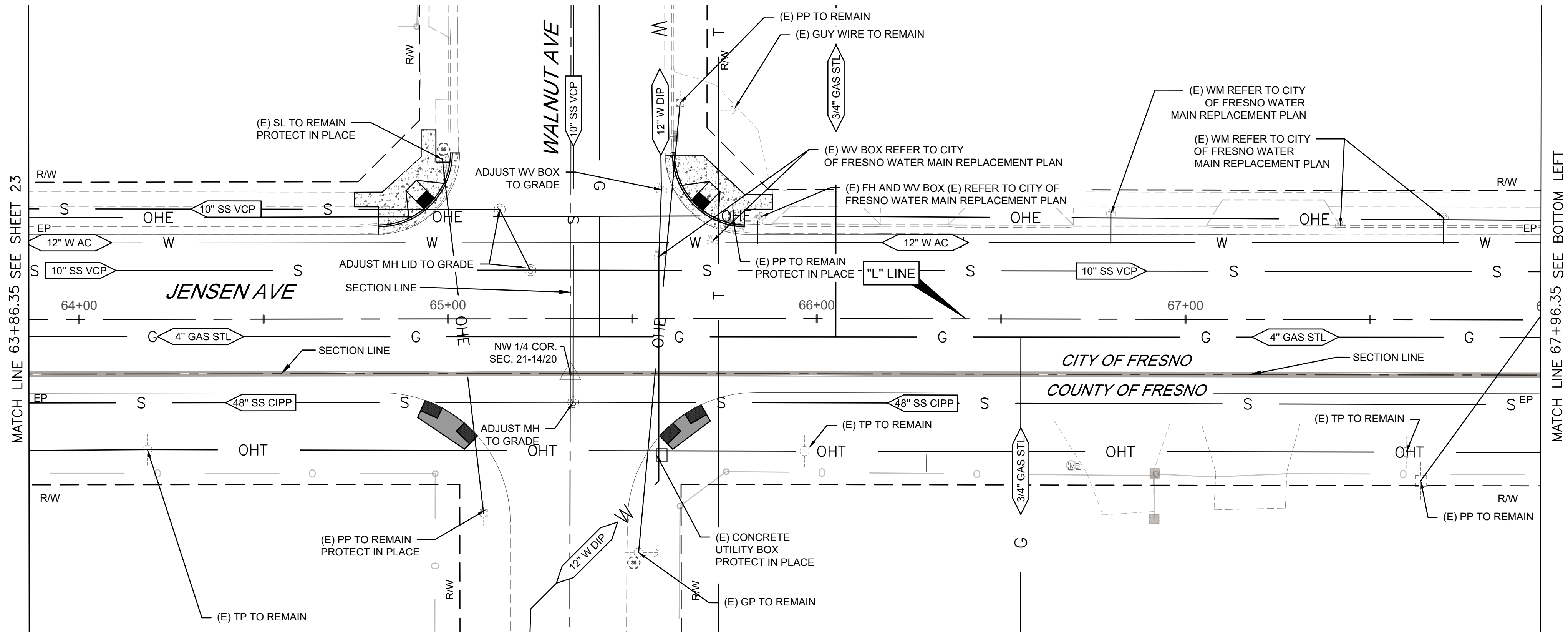
DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		EXISTING UTILITIES PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 22	
									TOTAL 36	

NOTE: REFER TO "CITY OF FRESNO WATER MAIN REPLACEMENT" FOR NEW WATER PIPELINE, NEW SERVICE LATERALS, FIRE HYDRANT AND ANY OTHER IMPROVEMENT TO THE WATER DISTRIBUTION SYSTEM WHICH ARE NOT SHOWN IN THESE UTILITIES PLANS



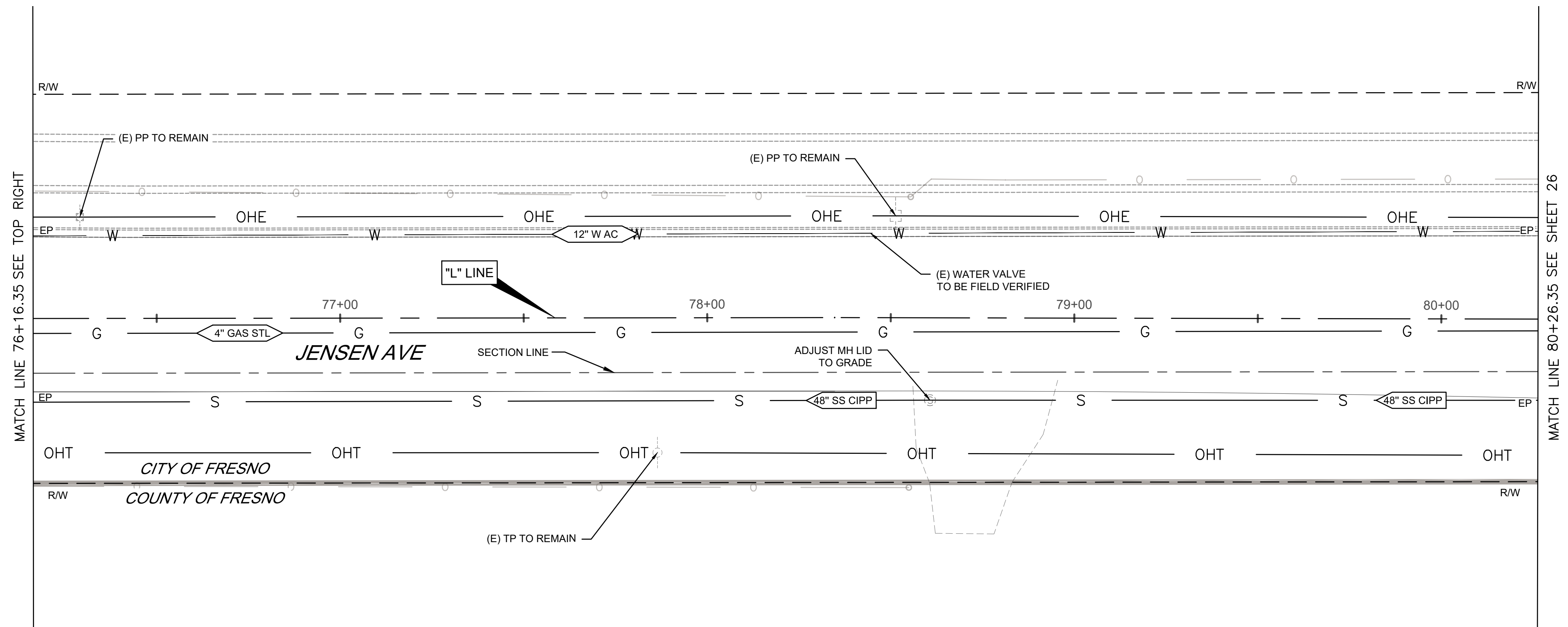
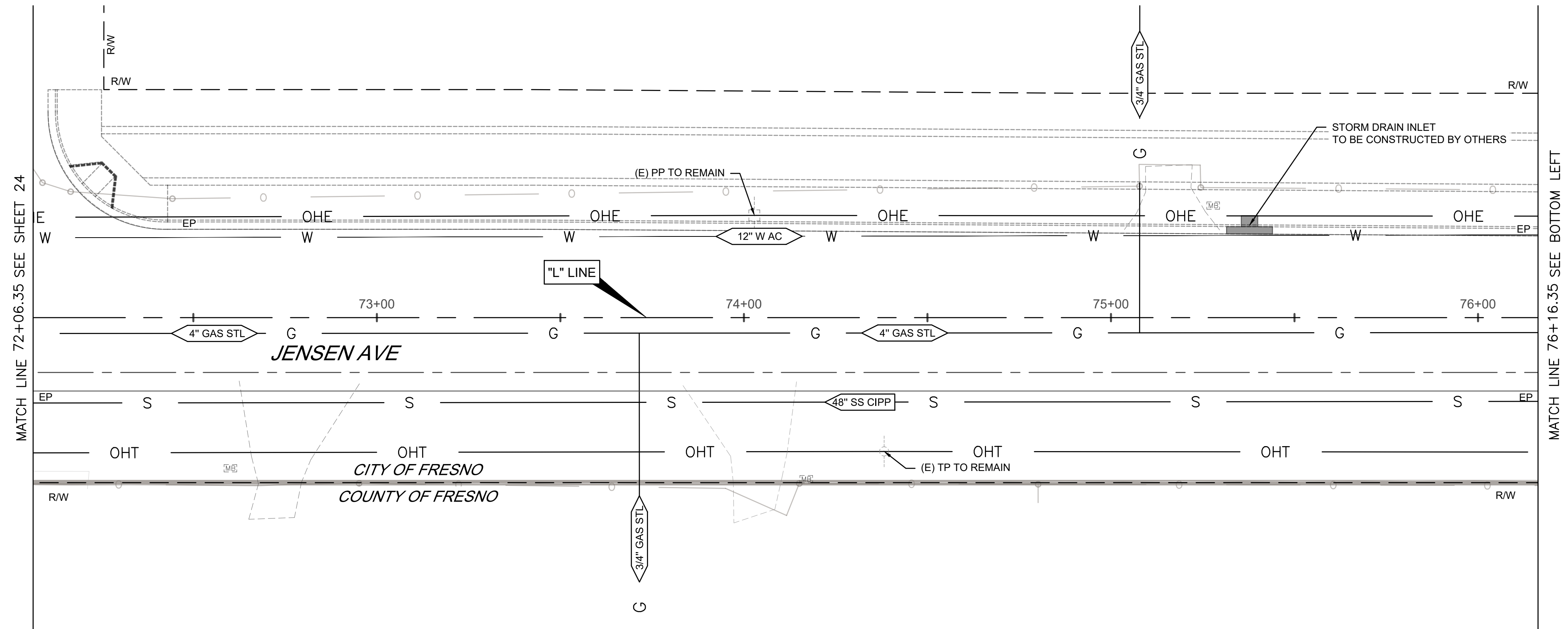
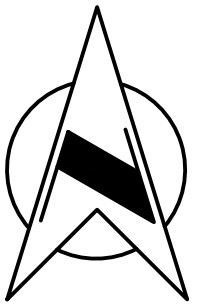
DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		EXISTING UTILITIES PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 23	
									TOTAL 36	

NOTE: REFER TO "CITY OF FRESNO WATER MAIN REPLACEMENT" FOR NEW WATER PIPELINE, NEW SERVICE LATERALS, FIRE HYDRANT AND ANY OTHER IMPROVEMENT TO THE WATER DISTRIBUTION SYSTEM WHICH ARE NOT SHOWN IN THESE UTILITIES PLANS



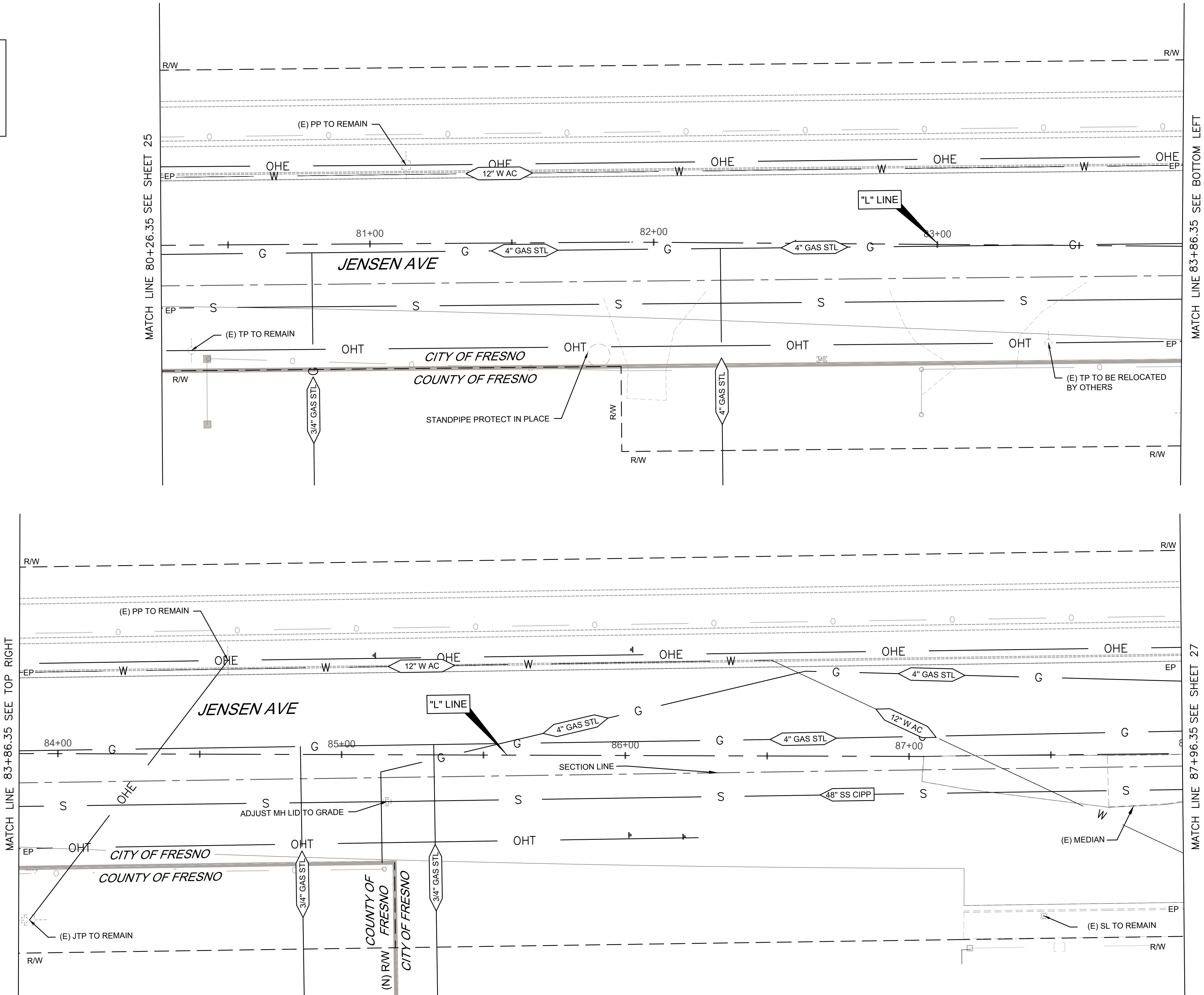
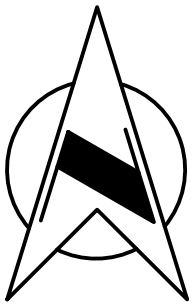
DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		EXISTING UTILITIES PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 24	
									TOTAL 36	

NOTE: REFER TO "CITY OF FRESNO WATER MAIN REPLACEMENT" FOR NEW WATER PIPELINE, NEW SERVICE LATERALS, FIRE HYDRANT AND ANY OTHER IMPROVEMENT TO THE WATER DISTRIBUTION SYSTEM WHICH ARE NOT SHOWN IN THESE UTILITIES PLANS



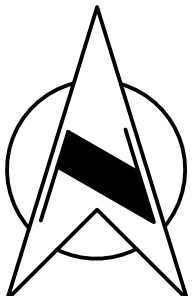
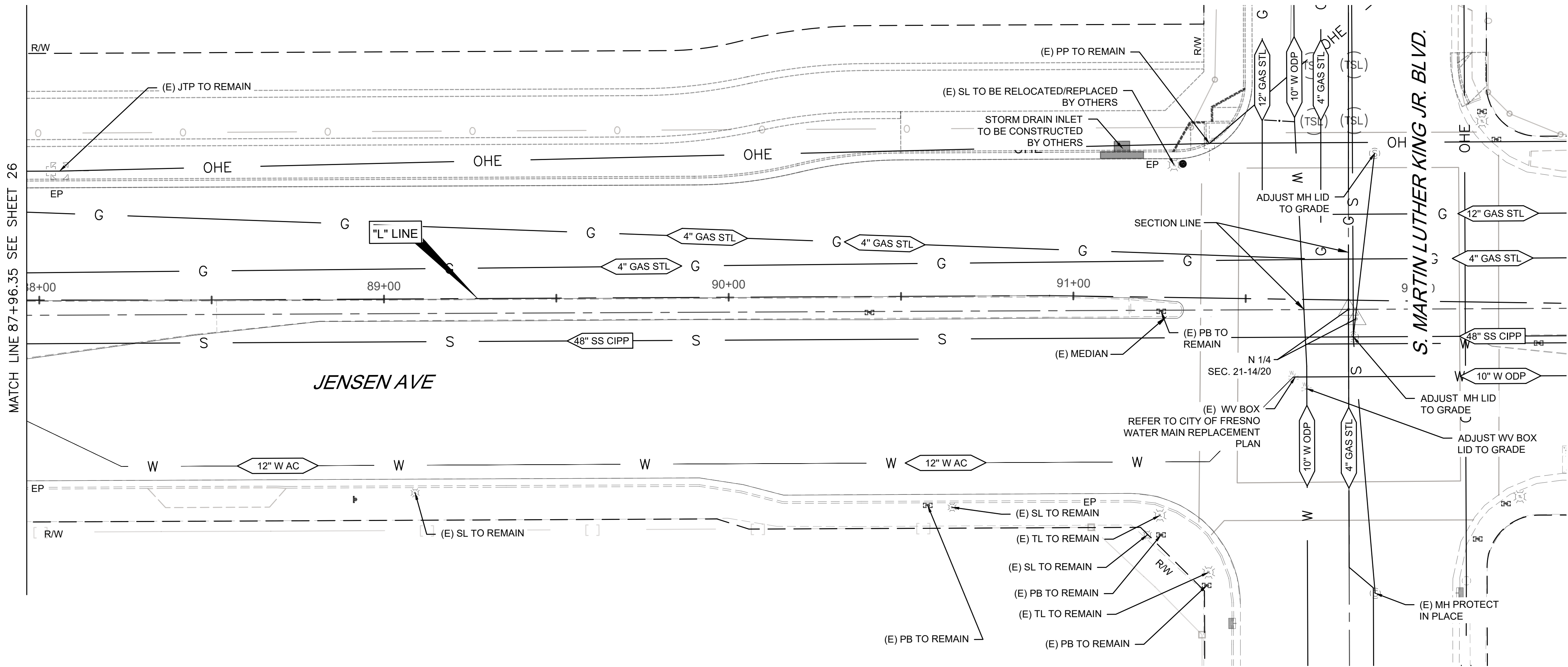
DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		EXISTING UTILITIES PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE		DRAWING NO. 11290 SHEET NO. 25 TOTAL 36	
							ROAD NO. S0200 BRIDGE NO. N/A			

NOTE: REFER TO "CITY OF FRESNO WATER MAIN REPLACEMENT" FOR NEW WATER PIPELINE, NEW SERVICE LATERALS, FIRE HYDRANT AND ANY OTHER IMPROVEMENT TO THE WATER DISTRIBUTION SYSTEM WHICH ARE NOT SHOWN IN THESE UTILITIES PLANS



DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		EXISTING UTILITIES PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 26	
									TOTAL 36	

NOTE: REFER TO "CITY OF FRESNO WATER MAIN REPLACEMENT" FOR NEW WATER PIPELINE, NEW SERVICE LATERALS, FIRE HYDRANT AND ANY OTHER IMPROVEMENT TO THE WATER DISTRIBUTION SYSTEM WHICH ARE NOT SHOWN IN THESE UTILITIES PLANS



MATCH LINE 87+96.35 SEE SHEET 26

DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		EXISTING UTILITIES PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 27	
									TOTAL 36	

AD = 120		DD' = 9	
	X	Y	
A	0	0	A'
	10	0.14	
	20	0.56	
	30	1.27	
B	40	2.25	B'
	60	4.50	
C	80	6.75	C'
	90	7.73	
	100	8.44	
	110	8.86	
D	120	9.00	D'

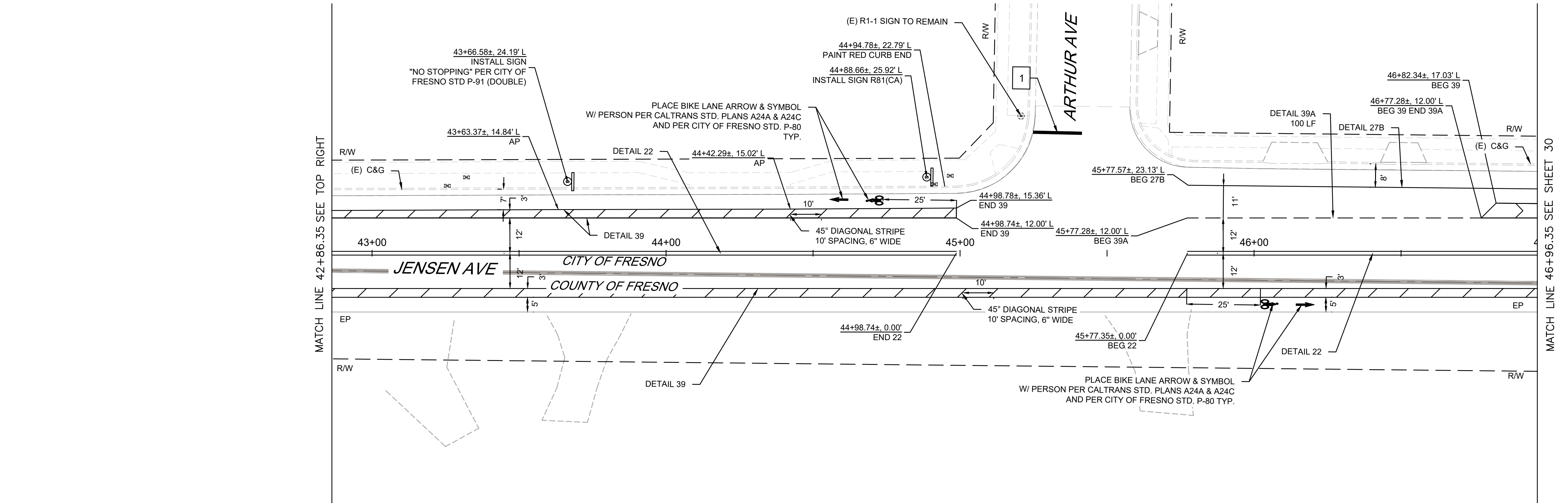
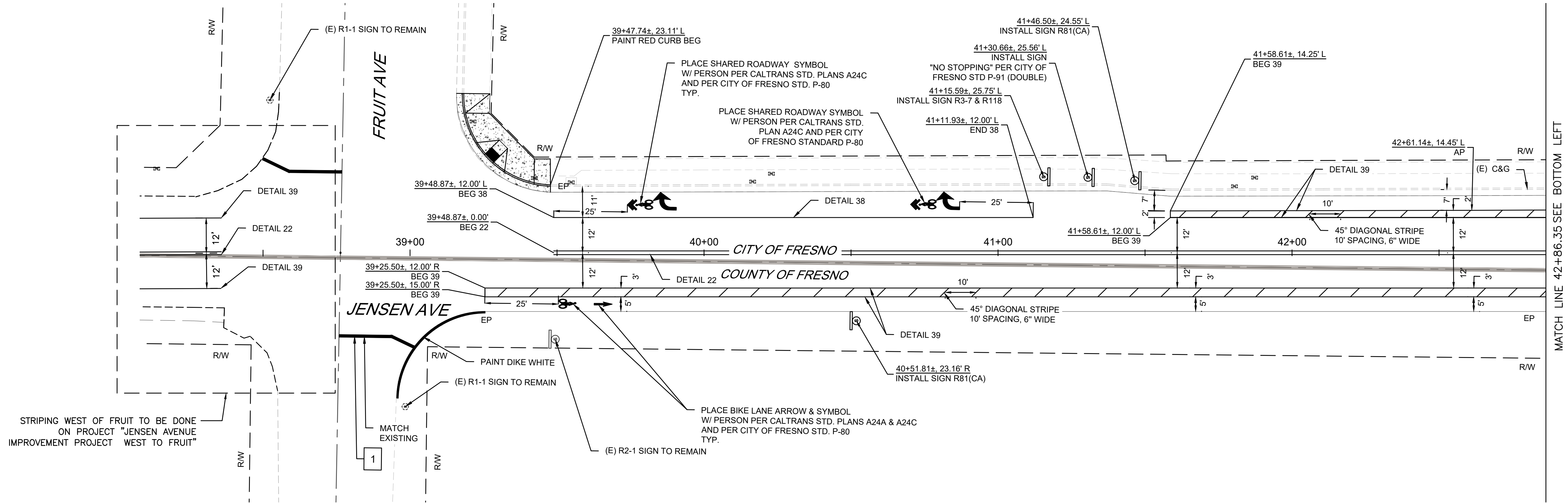
	PLACE TRAFFIC STRIPE IN ACCORDANCE WITH CALTRANS STANDARD PLANS, NUMBER INDICATES DETAIL NUMBER ON STANDARD PLANS
	PLACE JOIN AND MATCH EXISTING STRIPING ALIGNMENT
	PLACE 12" WIDE LIMIT LINE (WHITE) PER CALTRANS STD. A24G
	PLACE TWO 4" WIDE LINES SPACED 3" APART (WHITE)
	PLACE 12" WIDE CHEVRON CROSSHATCH SPACED 24' APART (WHITE)
	PLACE STOP LEGEND
	PLACE INSTALL AHEAD LEGEND
	INSTALL TRAFFIC SIGN. TEXT INDICATES CA MUTCD SIGN CODE
	EXISTING SIGN TO REMAIN OR BE RELOCATED AS DIRECTED BY THE ENGINEER. TEXT INDICATES CA MUTCD SIGN CODE

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, INCLUDING ALL REVISIONS. THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2014 CALIFORNIA MUTCD), THE LATEST EDITION OF THE CITY OF FRESNO STANDARD SPECIFICATIONS AND DRAWINGS, AND THE SPECIAL PROVISIONS.
2. THESE PLANS ARE ACCURATE FOR SIGNING AND STRIPING ONLY.
3. ALL SIGNS SHALL BE 3M-3930HIP TYPE III & IV SERIES REFLECTIVE SHEETING AND BE COVERED WITH 1160A PREMIUM OVERLAY ANTI-GRAFFITI FILM OR AVERY DENNISON T6500 SERIES REFLECTIVE SHEETING AND SHALL BE COVERED WITH AVERY DENNISON OL1000ANTI-GRAFFITI OVERLAY FILM.
4. ALL SALVAGED MATERIALS SHALL BE DELIVERED TO THE CITY OF FRESNO CORPORATION YARD AT 2101 G STREET, FRESNO. THE CONTRACTOR SHALL NOTIFY THE CITY SIGN SHOP, (559) 621-1492, AT LEAST TWO WORKING DAYS PRIOR TO DELIVERY.
5. EXISTING STRIPING, SYMBOLS, LEGENDS, AND MARKINGS TO BE REMOVED SHALL BE DONE BY WET SANDBLASTING. DRY SANDBLASTING MAY BE USED IN SELECTED AREAS ONLY WITH THE PERMISSION OF THE CITY TRAFFIC ENGINEER AND WITH THE APPROVAL OF THE AIR POLLUTION CONTROL DISTRICT. ALTERNATE METHODS OF REMOVAL REQUIRE APPROVAL OF THE CITY TRAFFIC ENGINEER. AFTER REMOVAL, SLURRY SEAL SHALL BE APPLIED TO THE AFFECTED AREAS.
6. WITH THE EXCEPTION OF BIKE LANE SYMBOLS, ALL STRIPING SHALL BE THERMOPLASTIC.
7. ALL CROSSWALKS SHALL BE 12 FEET WIDE, OUTSIDE EDGE TO OUTSIDE EDGE.
8. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW TYPE K-1 (CA) MARKERS ON ALL MEDIAN ISLAND NOSES, UNLESS OTHERWISE NOTED ON THE PLAN.
9. THE CONTRACTOR SHALL INSTALL DETAIL 26 (RETRO-REFLECTIVE PAVEMENT MARKERS) ALONG ALL RAISED MEDIANS, AS PER 2014 CALIFORNIA MUTCD.
10. THE CONTRACTOR SHALL PAINT THE RADII OF ALL RAISED MEDIAN ISLAND NOSES WITH TWO COATS OF YELLOW TRAFFIC PAINT WITH RETRO REFLECTIVE GLASS BEADS, UNLESS OTHERWISE NOTED ON THE PLAN.
11. SIGNS SHALL BE INSTALLED PER CITY STANDARD DRAWING P-88, UNLESS OTHERWISE NOTED ON THE PLANS.
12. ALL R28(S)(CA) SIGNS SHALL BE "TOW-AWAY/NO STOPPING ANY TIME" SIGNS PER CITY STANDARD DRAWING P-91.

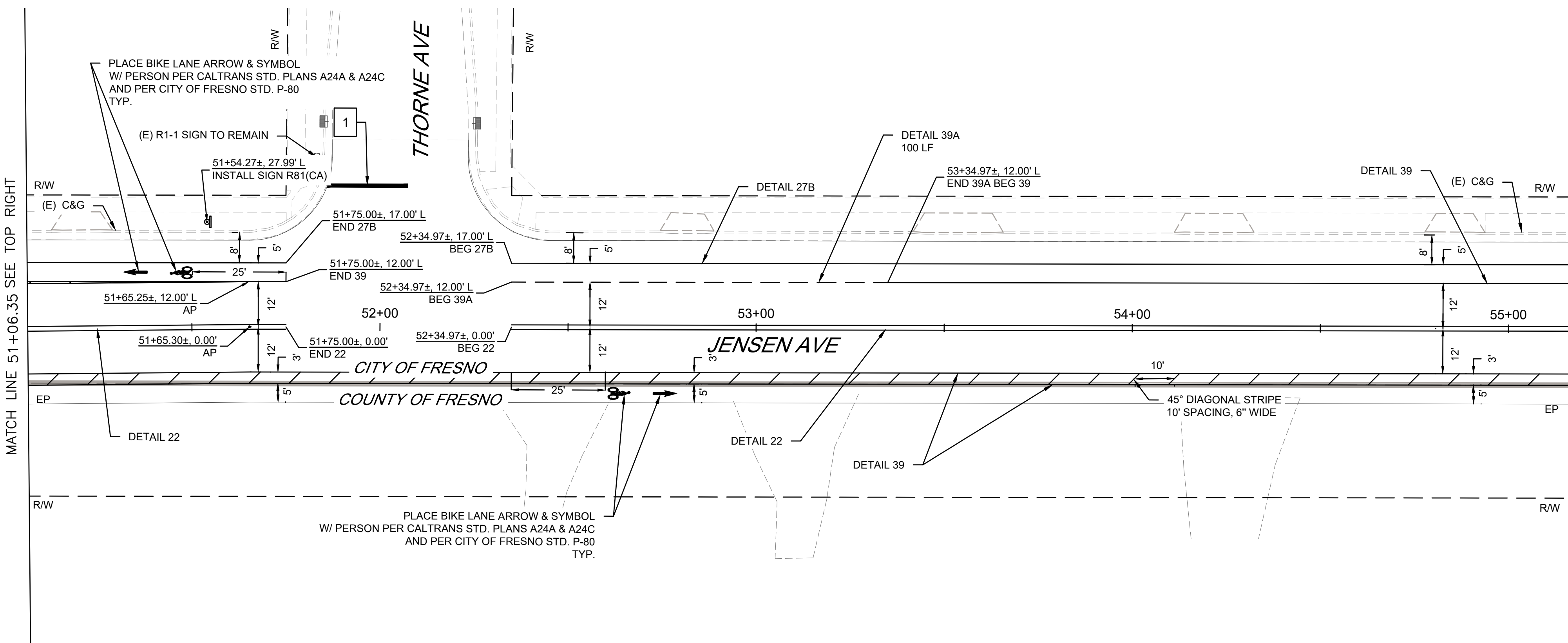
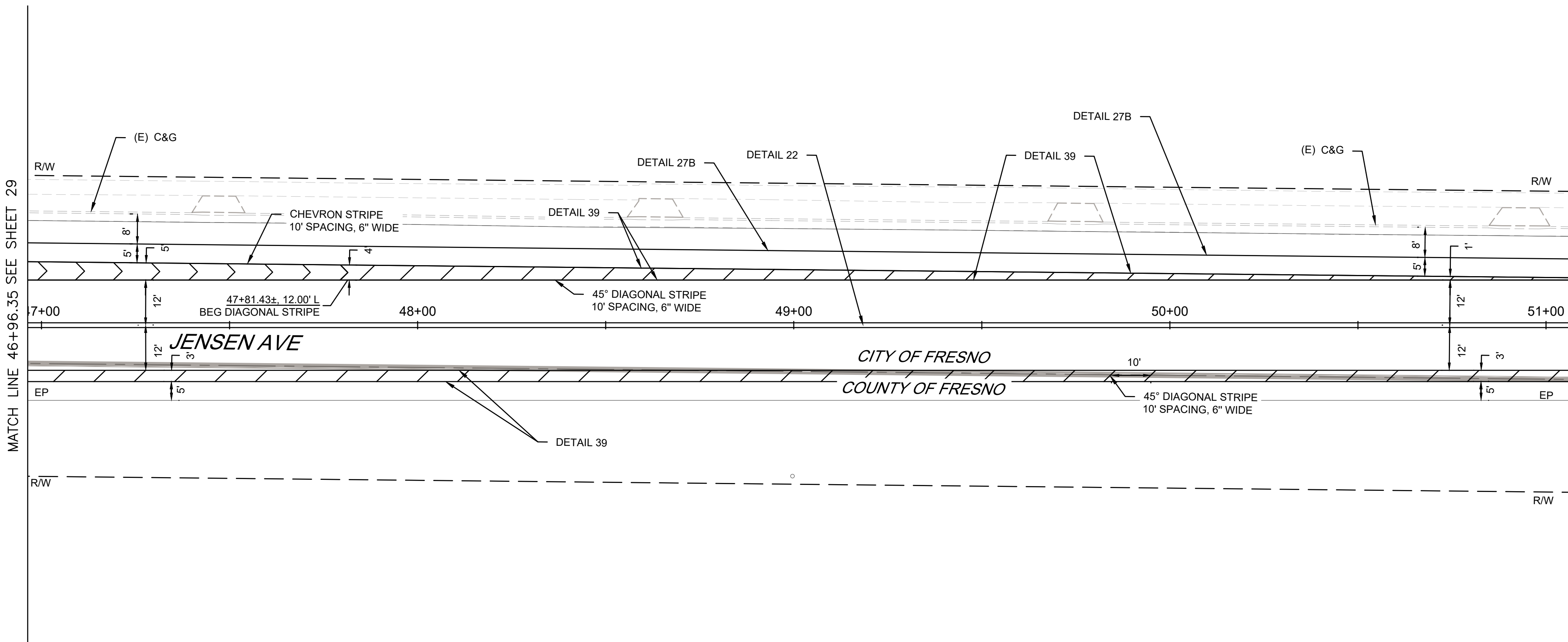
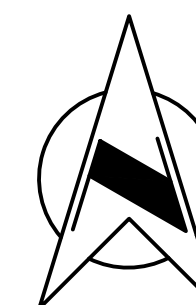
CA MUTCD CODE	PANEL SIZE (INCHES)	DESCRIPTION	POST LENGTH (FEET)
R1-1	30 X 30	STOP	10
R2-1 (XX)	24 X 30	SPEED LIMIT (SEE PLANS FOR SPEED LIMIT)	12
W3-1	36 X 36	STOP AHEAD	12
TYPE F	N/A	WHITE CLASS 1 DELINEATOR	*
TYPE P(CA) (R)	12 X 36	YELLOW OBJECT MARKER, RIGHT SIDE	8

1. WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST STATE STANDARD PLANS AND SPECIFICATIONS, SIGN SPECIFICATION SHEETS, THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) AND ITS REVISIONS, AND THE SPECIAL PROVISIONS.
2. THESE SIGNING AND STRIPING PLANS ARE ACCURATE FOR SIGNING AND PAVEMENT MARKINGS ONLY. ALL REFERENCE TO PAVEMENT MARKINGS SHALL INCLUDE STRIPING.
3. ALL SALVAGED MATERIAL SHALL BE DELIVERED TO THE COUNTY SIGN SHOP (BUILDING 409) AT 4551 E. HAMILTON AVENUE. THE CONTRACTOR SHALL NOTIFY THE SIGN SHOP (559) 600-7899 AT LEAST TWO WORKING DAYS PRIOR TO DELIVERY.
4. ALL EXISTING PAVEMENT MARKING WHICH CONFLICTS WITH PROPOSED PAVEMENT MARKING SHALL BE REMOVED.
5. EXISTING PAVEMENT MARKINGS TO BE REMOVED SHALL BE DONE BY GRINDING. AFTER GRINDING, A SLURRY SHALL BE APPLIED TO THE AREA PER THE SPECIAL PROVISIONS.
6. LIMIT LINES SHALL BE 12 INCHES IN WIDTH UNLESS INDICATED OTHERWISE.
7. ALL CROSSWALKS SHALL BE 12 FEET WIDE FROM OUTSIDE EDGE.
8. WITH THE EXCEPTION OF BIKE LANE SYMBOLS, ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
9. ALL EXISTING SIGNS NOT SHOWN ON THE PLANS TO REMAIN OR BE RELOCATED SHALL REMAIN, BE SALVAGED, OR RELOCATED AS DIRECTED BY THE ENGINEER.
10. SIGN POSTS SHALL BE 2"x2" SQUARE BY 10' 14 GAUGE STEEL, UNLESS OTHERWISE SPECIFIED, IN A 2 1/2"x2 1/4" SQUARE BY 30" GALVANIZED STEEL ANCHOR BASE WELDED FLUSH WITH TOP OF A 2 1/2"x2 1/2" SQUARE BY 18" GALVANIZED STEEL ANCHOR SLEEVE.
11. SIGNS SHALL BE 3M DIAMOND GRADE DG3 SERIES 4000 OR EQUAL AND MUST MEET ASTM TYPE XI SPECIFICATIONS. ALL SIGNS SHALL HAVE THE 3M 1160 GRAFFITI RESISTANT CLEAR OVERLAY FILM OR EQUAL

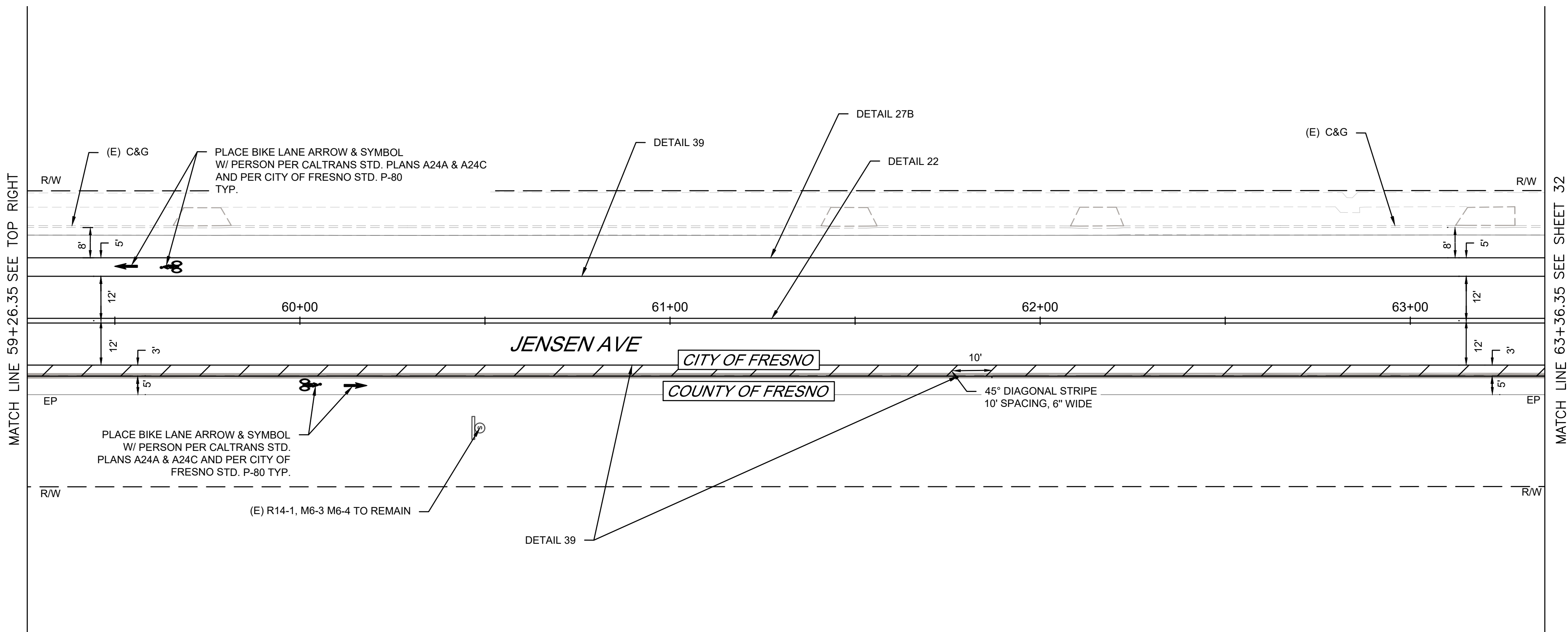
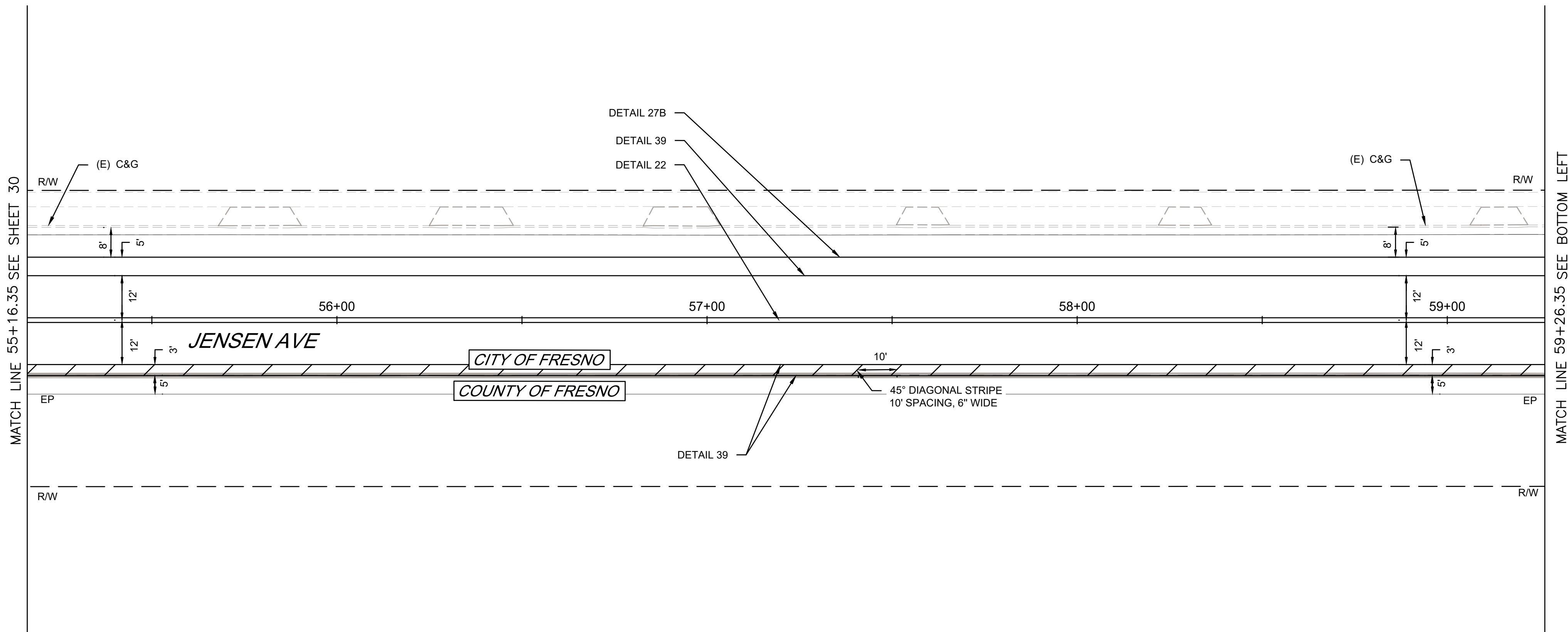
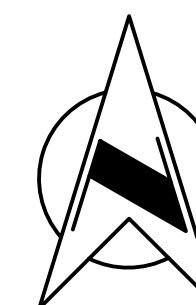
	DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER 3/11/2025 DATE		PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK	3/11/2025	RESIDENT ENGINEER	DATE	NOT TO SCALE	JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE			SIGNING AND STRIPING PLAN					
DRAWN: EC	3/11/2025												
CHECKED: SA	3/11/2025												
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.								ROAD NO. S0200	BRIDGE NO. N/A		DRAWING NO. 11290	SHEET NO. 28	TOTAL 36



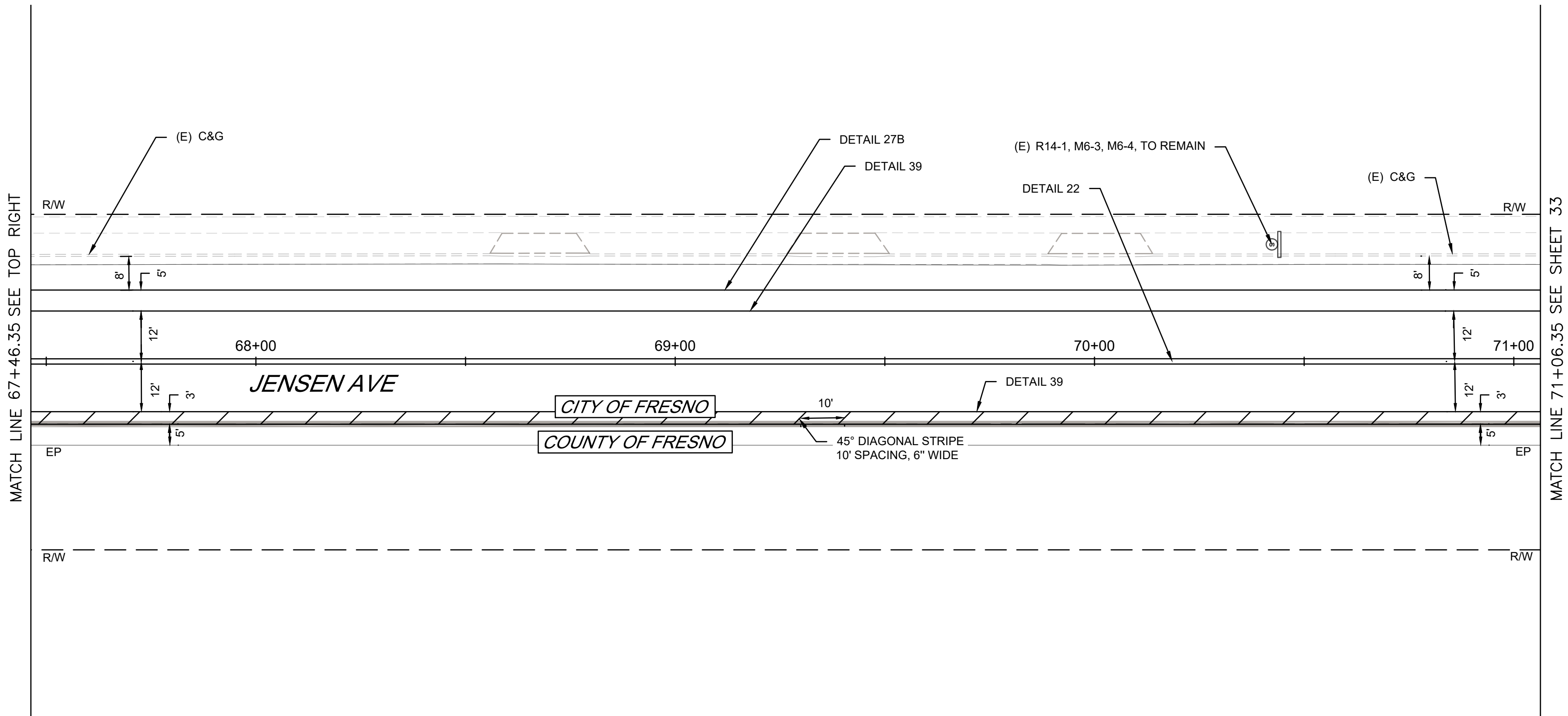
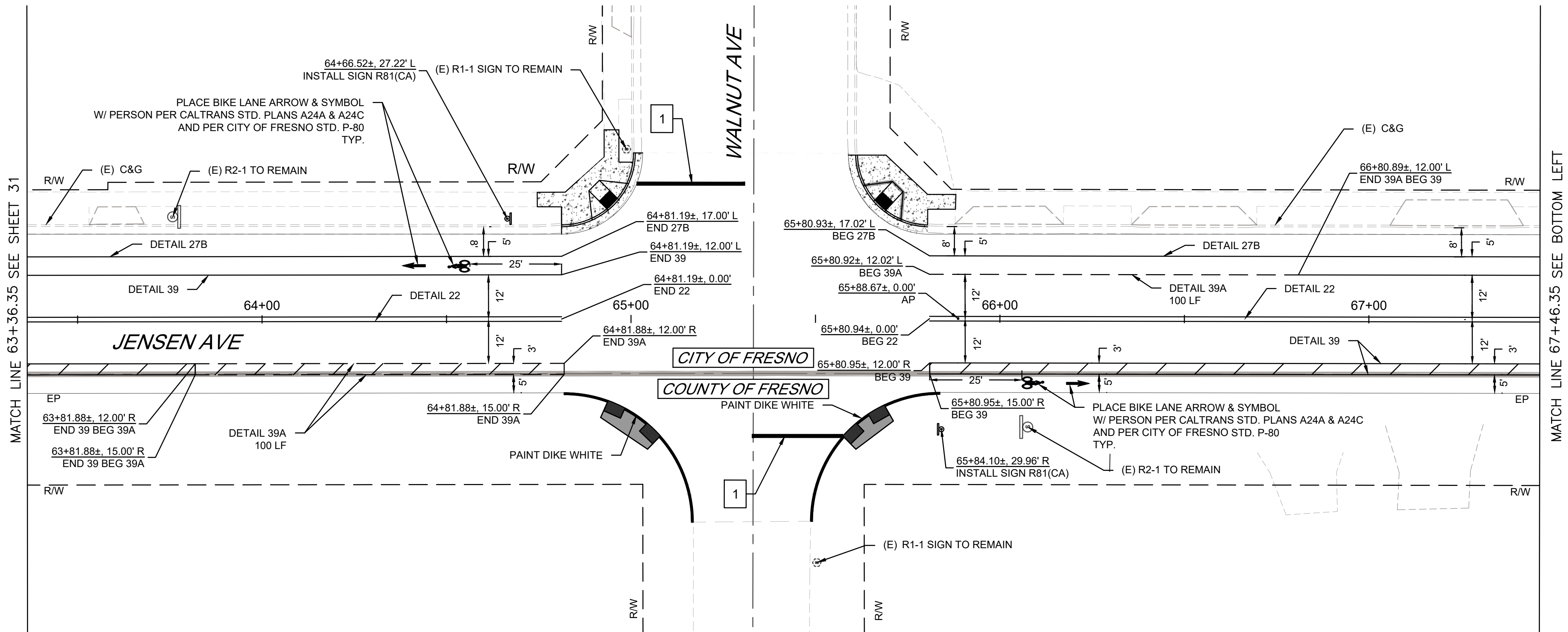
DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		SIGNING AND STRIPING PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 29	
									TOTAL 36	



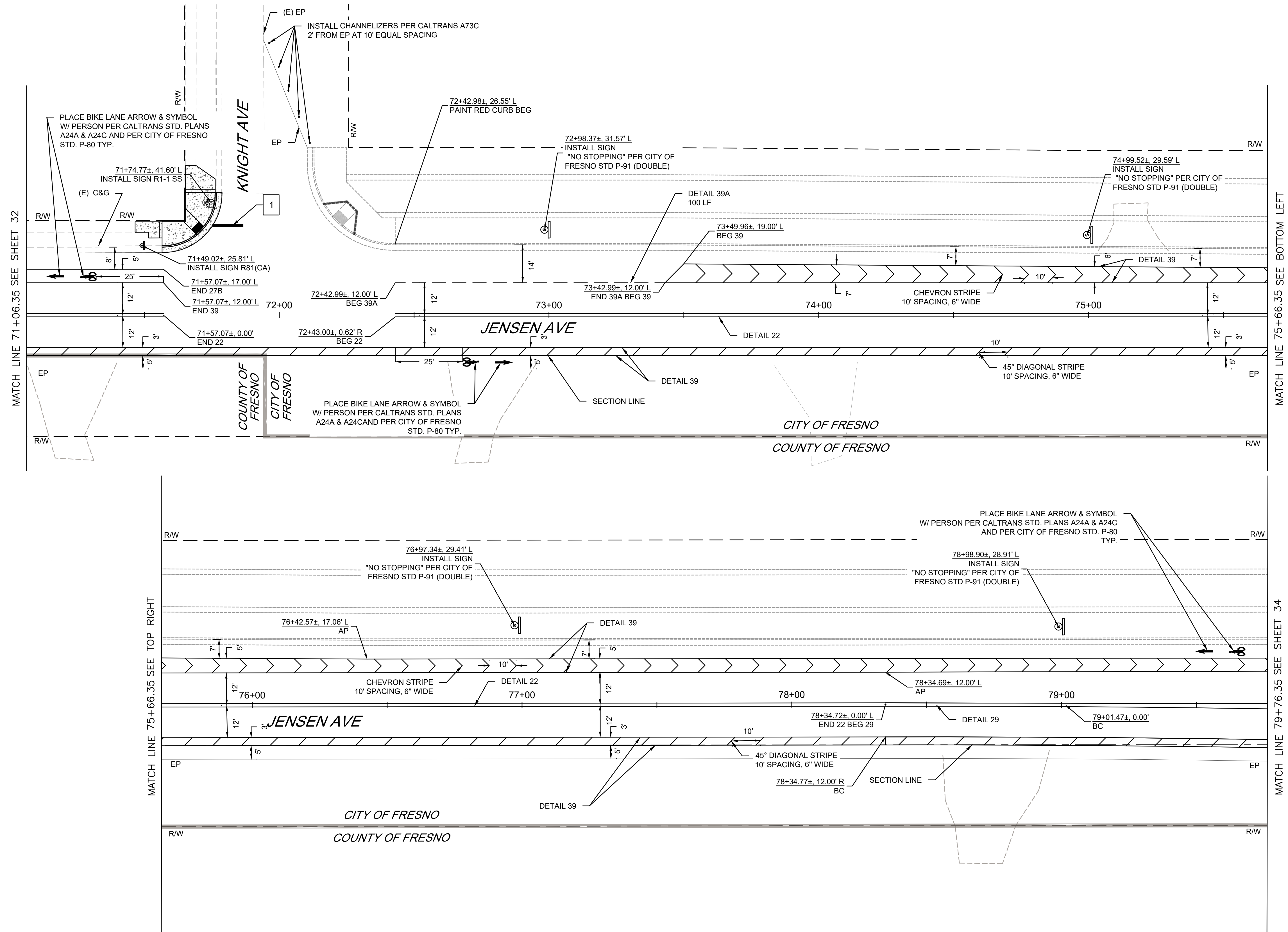
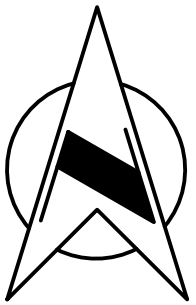
DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		SIGNING AND STRIPING PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 30	
									TOTAL 36	



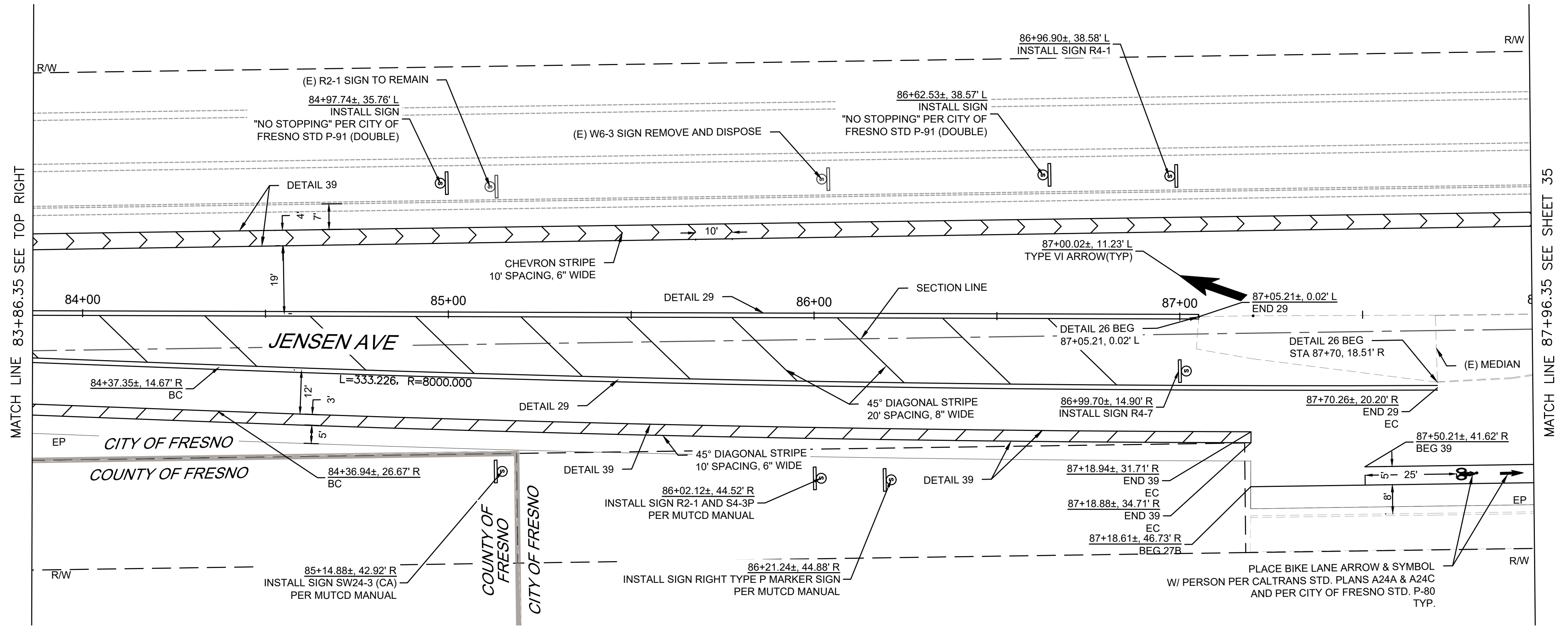
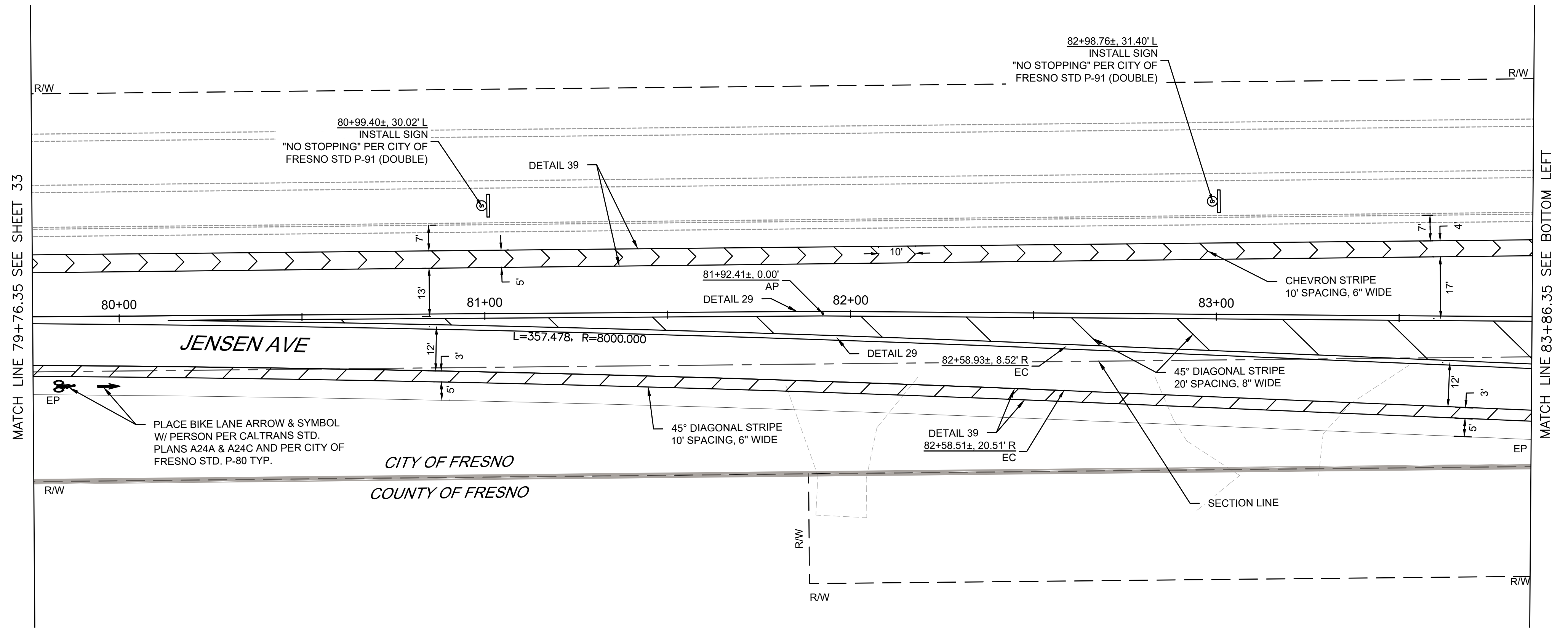
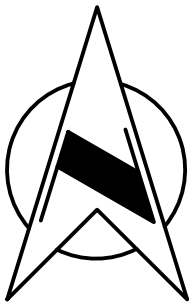
DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		SIGNING AND STRIPING PLAN	
CHECKED: SA		3/11/2025			VERT		ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 31	
									TOTAL 36	



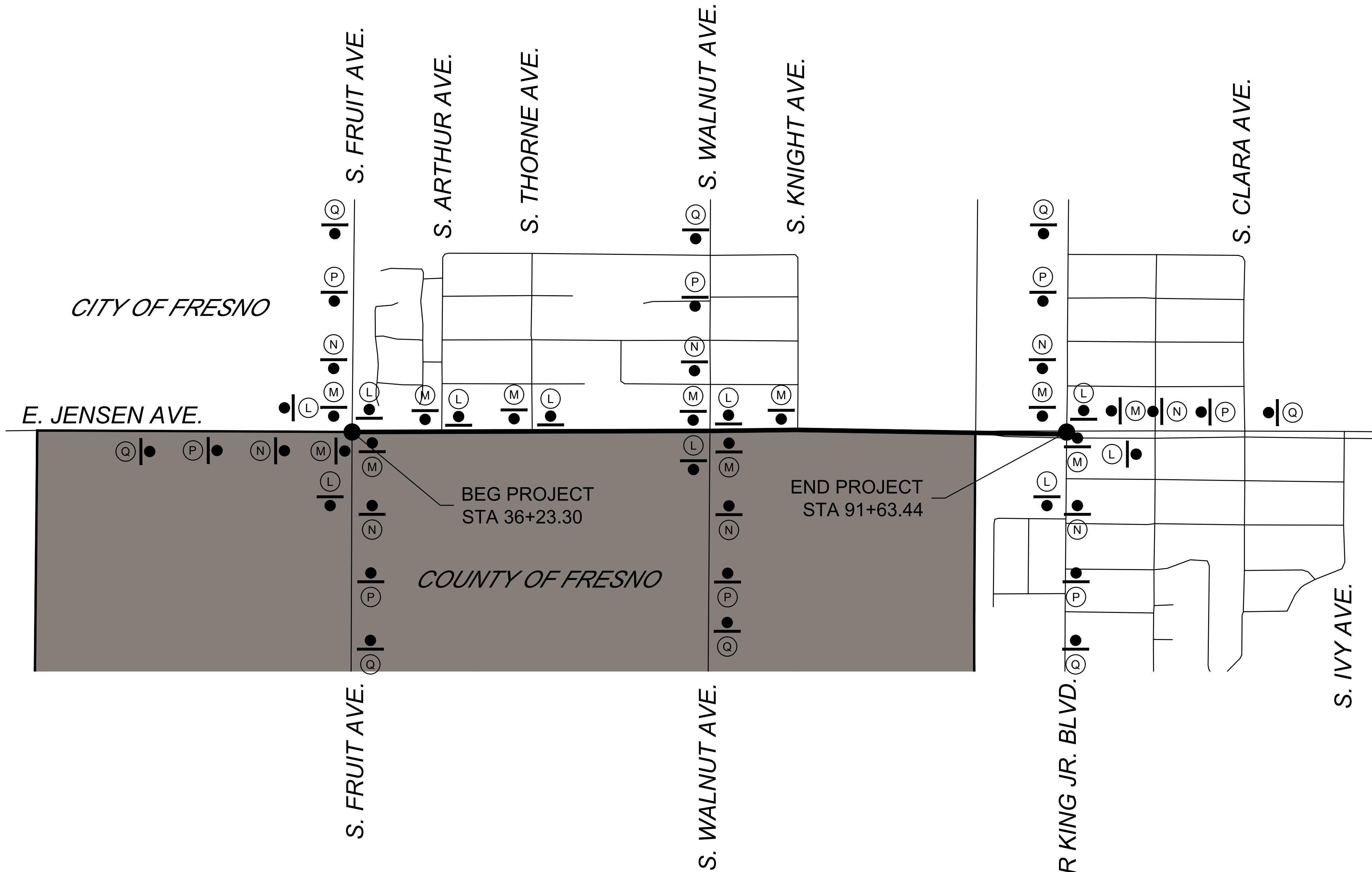
	DATE	RECORD DRAWING		SCALE		 SUPERVISING ENGINEER 3/11/2025 DATE		PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING			
DESIGNED: DK	3/11/2025	RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'	JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE			SIGNING AND STRIPING PLAN						
DRAWN: EC	3/11/2025			VERT - - -	ROAD NO. S0200			BRIDGE NO. N/A	DRAWING NO. 11290		SHEET NO. 32	TOTAL 36		
CHECKED: SA	3/11/2025			FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.										



DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		SIGNING AND STRIPING PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 33	
									TOTAL 36	



DESIGNED: DK		DATE	RECORD DRAWING		SCALE		PROJECT		DEPARTMENT OF PUBLIC WORKS AND PLANNING	
DRAWN: EC		3/11/2025	RESIDENT ENGINEER		HORIZ 0 20' 40'		JENSEN AVENUE IMPROVEMENT PROJECT		SIGNING AND STRIPING PLAN	
CHECKED: SA		3/11/2025			VERT		FRUIT AVENUE TO FIG AVENUE			
							ROAD NO. S0200		DRAWING NO. 11290	
							BRIDGE NO. N/A		SHEET NO. 34	
									TOTAL 36	



NOTES:

- THIS PLAN DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PROVIDE A TRAFFIC CONTROL SYSTEM PLAN AS REQUIRED IN THE SPECIFICATIONS.
- ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES MAY BE REQUIRED AS PART OF THE TRAFFIC CONTROL SYSTEM PLAN AS DETERMINED BY THE ENGINEER.
- LOCATIONS OF CONSTRUCTION AREA SIGNS AND TYPE III BARRICADES ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
- SIGNS ERECTED ON THE SIDE OF THE ROAD SHALL BE MOUNTED AT A HEIGHT OF AT LEAST 7 FEET MEASURED FROM THE BOTTOM OF THE SIGN PLATE TO THE TOP ELEVATION OF THE NEAREST EDGE OF THE PAVEMENT EXCEPT FOR SIGNS PLACED ON BARRICADES.
- SIGNS THAT WILL BE IN PLACE MORE THAN 5 CALENDAR DAYS SHALL BE INSTALLED ON METAL OR WOOD POSTS.
- ALL EXISTING STOP AND STOP AHEAD SIGNS ARE TO REMAIN IN PLACE DURING CONSTRUCTION.
- ALL SIGNS, EXCEPT R11-2 AND R11-4, SHALL BE BLACK LEGEND ON ORANGE BACKGROUND.
- INCLUDE "BUSINESS OPEN DURING CONSTRUCTION" SIGN IN TRAFFIC CONTROL SYSTEM PLAN.

TEMPORARY WORK ZONE SIGNS

	SIGN	CA MUTCD CODE	PANEL SIZE (INCHES)	DESCRIPTION	POST LENGTH (FEET)
☐	A	W20-2	36 X 36	DETOUR AHEAD	12
		W16-2aP	24 X 12	500 FT	
☐	B	W20-2	36 X 36	DETOUR AHEAD	12
		W16-2aP	24 X 12	1000 FT	
☐	C	W20-2	36 X 36	DETOUR AHEAD	12
		W16-2aP	24 X 12	1500 FT	
☐	D	R11-2	48 X 30	ROAD CLOSED	TYPE III BARRICADE
☐	E	R11-4	60 X 30	ROAD CLOSED TO THRU TRAFFIC	TYPE III BARRICADE
		M4-10L	48 X 18	DETOUR LEFT	
☐	F	R11-4	60 X 30	ROAD CLOSED TO THRU TRAFFIC	TYPE III BARRICADE
		M4-10R	48 X 18	DETOUR RIGHT	
☐	G	M4-8	21 X 9	DETOUR	12
☐	H	M4-10L	48 X 18	DETOUR LEFT	12
☐	J	M4-10R	48 X 18	DETOUR RIGHT	12
☐	K	M4-8a	24 X 18	END DETOUR	12
☒	L	G20-2	36 X 18	END ROAD WORK	12
☒	M	W20-1	36 X 36	ROAD WORK AHEAD	12
		W16-2aP	24 X 12	500 FT	
☒	N	W20-1	36 X 36	ROAD WORK AHEAD	12
		W16-2aP	24 X 12	500 FT	
☒	P	W20-1	36 X 36	ROAD WORK AHEAD	12
		W16-2aP	24 X 12	1000 FT	
☒	Q	W20-1	36 X 36	ROAD WORK AHEAD	12
		W16-2aP	24 X 12	1500 FT	
☐	R	W20-3	36 X 36	ROAD CLOSED AHEAD	12
☐	S	W20-3	36 X 36	ROAD CLOSED AHEAD	12
		W16-2aP	24 X 12	500 FT	
☐	T	W20-3	36 X 36	ROAD CLOSED AHEAD	12
		W16-2aP	24 X 12	1000 FT	
☐	U	W20-3	36 X 36	ROAD CLOSED AHEAD	12
		W16-2aP	24 X 12	1500 FT	
☐	V	C9A (CA)	36 X 36	FLAGGER AHEAD	12
☐	W	C30 (CA)	30 X 30	LANE CLOSED	12
☐	X	W3-4	36 X 36	PREPARE TO STOP	12
☐	Y	SC3-1 (CA)	48 X 18	DETOUR STRAIGHT	12
☐	Z	G7-1 (CA)	VAR X 18	STREET NAME	12
☐	A1	G7-2 (CA)	VAR X 18	ADVANCE STREET NAME	12
☐	A2	W21-1A	36 X 36	WORKERS AHEAD	12

■ - INDICATES APPLICABLE SIGN

	DATE	RECORD DRAWING		SCALE	 SUPERVISING ENGINEER	 3/11/2025 DATE	PROJECT			DEPARTMENT OF PUBLIC WORKS AND PLANNING		
DESIGNED: DK	3/11/2025	RESIDENT ENGINEER	DATE	NOT TO SCALE			JENSEN AVENUE IMPROVEMENT PROJECT FRUIT AVENUE TO FIG AVENUE			TRAFFIC WORK ZONE SIGNING		
DRAWN: EC	3/11/2025											
CHECKED: SA	3/11/2025											
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.							ROAD NO. S0200		BRIDGE NO. N/A	DRAWING NO. 11290 SHEET NO. 36 TOTAL 36		

\\F:\PROJECTS\WATER\W000005 - 0927 - ENCL. FRUIT-MK\04 - PROJECT DESIGN\02 - PLANS\01 - GENERAL - A\A\W000005 - 0927 - S&P COVER - A.dwg - Plot Date: 6-09-24 10:25:05 AM - Plot By: Jorek

STANDARD LEGEND/SYMBOLS:

	STAND PIPE		GAS METER		TELEPHONE POLE		NATURAL GAS
	IRR UG PIPE FLOW		GAS VALVE		POWER POLE		UNDERGROUND ELECTRIC
	IRR UG PIPE CAPPED		WATER METER		JOINT POLE		UNDERGROUND TELEPHONE
	IRR VALVE SCREWGATE		WATER VALVE		JOINT TRANSFORMER POLE		OVERHEAD ELECTRIC LINE
	IRR TOP GATE VALVE		HOSE BIB		TRANSFORMER POLE		OVERHEAD TELEPHONE LINE
	IRR PIPE 12" VERTICAL		MH-GASOLINE FILLER		GUY POLE		FIBER OPTIC
	VENT PIPE		GASOLINE VENT PIPE		GUY WIRE		PROPOSED PVC WATER MAIN, SIZE AS NOTED
	IRR VALVE - BUBBLER		GASOLINE PUMP		SIGN		PROPOSED DUCTILE IRON WATER MAIN, SIZE AS NOTED
	IRR VALVE, DRIP SYSTEM		CLEAN OUT		CENTERLINE		PROPOSED FIRE HYDRANT ASSEMBLY
	IRR PIPE 4" VERT OUTLET		BACKFLOW PREVENTER		RIGHT OF WAY LINE		PROPOSED WATER MAIN GATE VALVE
	WATER WELL		SPRINKLER		PROPERTY LINE		PROPOSED WATER MAIN BUTTERFLY VALVE
	WATER WELL PUMP		STREET LIGHT POLE		CONCRETE		PROPOSED FIRE SERVICE
	WATER STORAGE TANK		EXISTING SIGNAL POLE		EDGE OF PAVEMENT		PROPOSED WATER SERVICE
	FIRE HYDRANT		STORM DRAIN DROP INLET		CHAIN LINK FENCE		DETAIL
	IRR 2"-4" PIPE RISER		STORM DRAIN GRATE		METAL FENCE		SHEET NUMBER
	MH-STORM DRAIN		STEEL DRAIN PIPE		WOOD FENCE		
	MH-ELECTRICAL		DOWN DRAIN		PVC FENCE		
	MH-FO/CABLE		ELECTRIC PULL BOX		MISC LANDSCAPING		
	MH-GAS		PEDESTAL-TELEPHONE		STORM DRAIN		
	MH-SANITARY SWR		SURVEY MON		SANITARY SEWER		
	MH-TELEPHONE		MAIL BOX		WATER MAIN		
	MH-WATER		TREE		EX. OVERHEAD ELEC. LINE		
	ELEC METER		CHRISTY BOX				
	ELECTRIC VAULT		TELEPHONE VAULT				

UTILITY NOTES:

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

CALL UNDERGROUND SERVICE ALERT (USA) 811
- 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.

STORM DRAIN NOTES:

- CONTRACTOR SHALL NOTIFY FMFCD CONSTRUCTION MANAGER AT (559) 456-3292 48 HOURS PRIOR TO CLOSE EXCAVATION TO EXISTING STORM DRAIN FACILITIES.
- STORM DRAIN FACILITIES SHALL BE PROTECTED IN PLACE.

WATER NOTES:

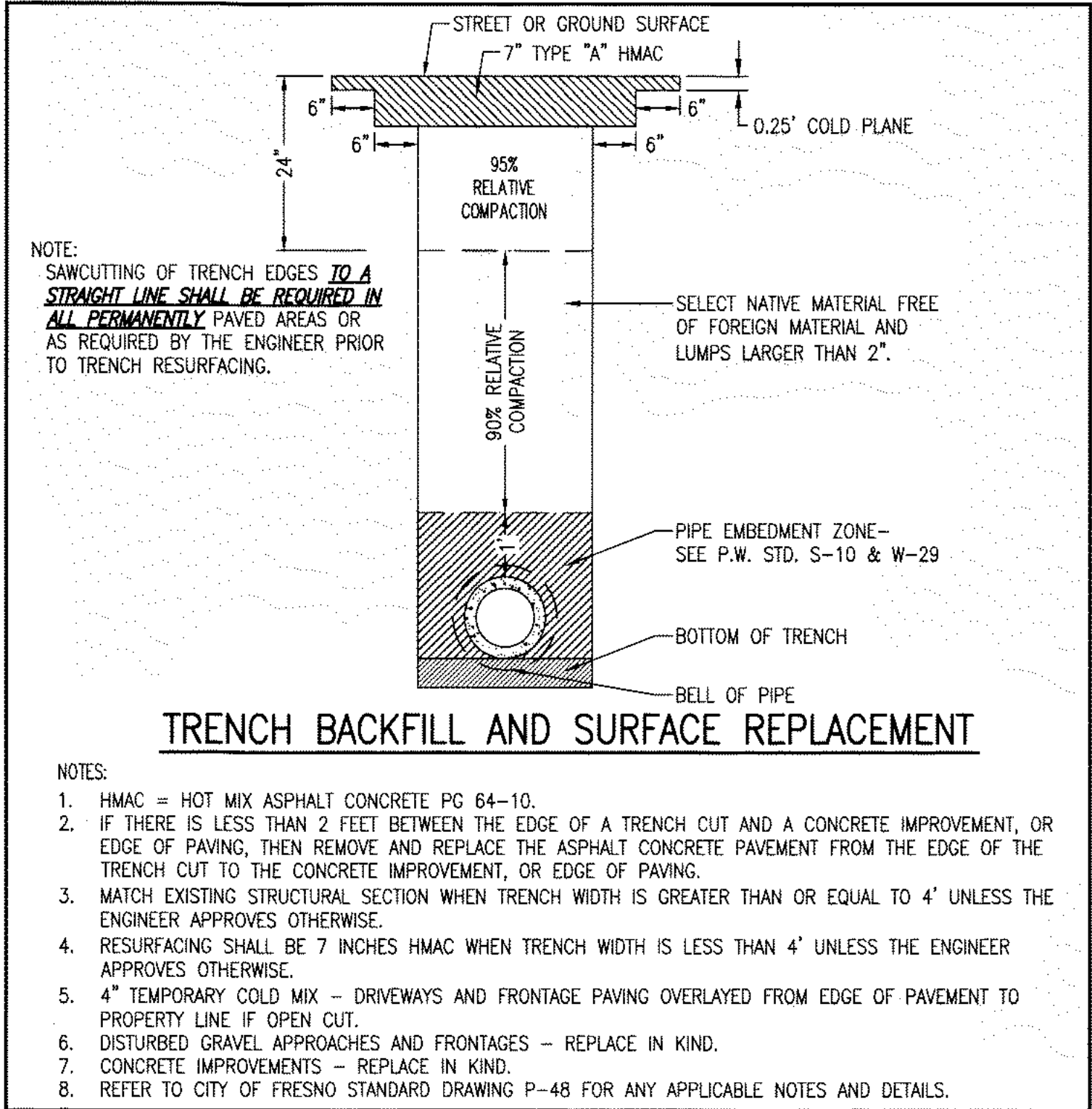
- POTHOLE ALL EXISTING UTILITIES PRIOR TO WATER MAIN PLACEMENT. MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS EXCEPT AS NOTED ON PLANS.
- USE COUPLERS OR BENDS TO MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS.
- REMOVE AND REPLACE IN KIND ANY STRUCTURES OR IMPROVEMENTS THAT ARE ON OR ADJACENT TO THE PROPOSED WATER MAIN ALIGNMENT.
- LOCATE ALL FIRE HYDRANTS PER CITY OF FRESNO STANDARD DRAWING W-3.
- EXISTING WATER MAIN PIPES AND APPURTENANCES TO BE CUT, PLUGGED AND ABANDONED AT LOCATION CALLED-OUT ON PLANS BY CITY WATER DIVISION AFTER NEW WATER MAIN INSTALLATION IS COMPLETED, TESTED AND OPERATIONAL.
- ALL WET-TIES TO EXISTING WATER FACILITIES SHALL BE PERFORMED BY CITY OF FRESNO FORCES.

GENERAL NOTES:

- THE WORK EMBRACED HEREIN SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE PROVISIONS OF THE SPECIFICATIONS ENTITLED CITY OF FRESNO, STANDARD SPECIFICATIONS, LATEST EDITION, INSOFAR AS THE SAME MAY APPLY, WHICH SPECIFICATIONS HEREINAFTER ARE REFERRED TO AS THE STANDARD SPECIFICATION.
- TWO WORKING DAYS PRIOR TO COMMENCING EXCAVATION, THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT, TOLL FREE, AT 1-800-227-2600 OR 811.
- CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF AN OWNER'S WRITTEN AUTHORIZATION AND/OR SIGNED USE AGREEMENT PRIOR TO THE START OF WORK FOR ANY TEMPORARY WORK AREA, STANDING AREA, OR EQUIPMENT STORAGE FACILITIES TO BE USED FOR THIS PROJECT. AT THE COMPLETION OF WORK, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF A WRITTEN RELEASE LETTER STATING THAT ALL TEMPORARY USES FACILITIES HAVE BEEN RESTORED BACK TO THE OWNER'S SATISFACTION.
- CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND FACILITIES AND PROVIDE PROTECTION PRIOR TO AND DURING CONSTRUCTION.
- IN THE EVENT OVERHEAD ELECTRICAL LINES EXIST WITHIN THE LIMITS OF CONSTRUCTION, MAINTAIN PROPER CLEARANCE. CONTACT P.G.& E TO VERIFY WIRE LOCATION.

COUNTY OF FRESNO GENERAL NOTES:

- AN ENCROACHMENT PERMIT IS REQUIRED FOR ANY WORK TO BE PERFORMED IN THE COUNTY OF FRESNO ROAD RIGHTS-OF-WAY. CONTACT THE COUNTY PERMIT ENGINEER AT (559) 600-4240 TO OBTAIN THE PERMIT. IF AN ENCROACHMENT PERMIT HAS NOT BEEN OBTAINED WITHIN 12 MONTHS OF THE APPROVAL DATE OF THESE PLANS, ADDITIONAL REVIEW AND REVISIONS TO THE PLANS MAY BE REQUIRED BEFORE THE PERMIT IS ISSUED.
- ALL CONTRACTORS ARE REQUIRED TO HAVE A \$6,000.00 PERFORMANCE BOND ON FILE WITH THE COUNTY OF FRESNO'S MAINTENANCE & OPERATIONS DIVISION PRIOR TO OBTAINING AN ENCROACHMENT PERMIT.
- NO COUNTY OF FRESNO PUBLIC ROAD SHALL BE CLOSED WITHOUT PRIOR APPROVAL FROM THE COUNTY OF FRESNO'S MAINTENANCE ENGINEER.
- NO STORAGE OF EQUIPMENT OR MATERIALS WILL BE ALLOWED IN THE PUBLIC RIGHT-OF-WAY.
- NO OPEN EXCAVATION ALLOWED AFTER WORKING HOURS. ALL EXCAVATION AREAS TO BE PROPERLY SECURED WHEN WORK CREWS ARE AWAY FROM SITE, ALL EXCAVATIONS IN ROAD AND SHOULDER AREA TO BE PLATED.
- 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.
- 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.
- 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.
- SHOW AND IDENTIFY ALL EXISTING AND PROPOSED SIGNING, STRIPING AND MARKINGS A MINIMUM OF 300' BEYOND THE LIMITS OF CONSTRUCTION AND SHOW WHETHER THEY ARE TO REMAIN, BE REMOVED OR BE RELOCATED.
- RESTORE ALL EXISTING DRAINAGE PATTERNS AND FACILITIES TO PRE-CONSTRUCTION CONDITIONS OR BETTER.
- ALL SIGNING, DETOURING AND BARRICADING SHALL CONFORM TO THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE ACCEPTED TRAFFIC CONTROL PLAN.
- 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.
- CITY OF FRESNO IS REQUIRED TO PULL SEPARATE ENCROACHMENT PERMIT FOR ALL WET TIES WITHIN COUNTY OF FRESNO JURISDICTIONS.
- ALL WATER SERVICES ON THE LONG SIDE OF THE STREET SHALL BE BORED. WATER SERVICES ON THE SHORT SIDE OF THE STREET MAY BE OPEN CUT. SERVICES INSTALLED BY OPEN CUT SHALL COMPLY WITH THE TRENCH RESURFACING DETAIL ON THE PROJECT PLANS.

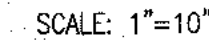


NOTES:

- HMAC = HOT MIX ASPHALT CONCRETE PG 64-10.
- IF THERE IS LESS THAN 2 FEET BETWEEN THE EDGE OF A TRENCH CUT AND A CONCRETE IMPROVEMENT, OR EDGE OF PAVING, THEN REMOVE AND REPLACE THE ASPHALT CONCRETE PAVEMENT FROM THE EDGE OF THE TRENCH CUT TO THE CONCRETE IMPROVEMENT, OR EDGE OF PAVING.
- MATCH EXISTING STRUCTURAL SECTION WHEN TRENCH WIDTH IS GREATER THAN OR EQUAL TO 4' UNLESS THE ENGINEER APPROVES OTHERWISE.
- RESURFACING SHALL BE 7 INCHES HMAC WHEN TRENCH WIDTH IS LESS THAN 4' UNLESS THE ENGINEER APPROVES OTHERWISE.
- 4" TEMPORARY COLD MIX - DRIVEWAYS AND FRONTAGE PAVING OVERLAYED FROM EDGE OF PAVEMENT TO PROPERTY LINE IF OPEN CUT.
- DISTURBED GRAVEL APPROACHES AND FRONTAGES - REPLACE IN KIND.
- CONCRETE IMPROVEMENTS - REPLACE IN KIND.
- REFER TO CITY OF FRESNO STANDARD DRAWING P-48 FOR ANY APPLICABLE NOTES AND DETAILS.

	CITY OF FRESNO		DEPARTMENT OF PUBLIC UTILITIES	
	WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES (BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.)			
PW FILE NO. N/A PROJ. ID. W000005 FUND NO. 40101 ORG. NO. 411501	REF. & REV. PLAT NOS. 3053 & 3054 DPU24-0009	REVIEWED: OFFICE ENG. [Signature] CITY ENG. [Signature] DR. BY: [Signature] CH. BY: [Signature] DATE: 09/03/2024 SCALE: AS NOTED	SHEET NO. 2 OF 19 SHEETS W. J. NO. 5827	

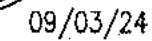
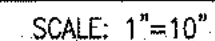
W000005 - J5927 WM REPLACEMENT W. JENSEN AND E. JENSEN AVENUES (S. FRUIT TO S. MLK BLVD.)



 INSTALL FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF FRESNO
STANDARD DRAWING W-3.

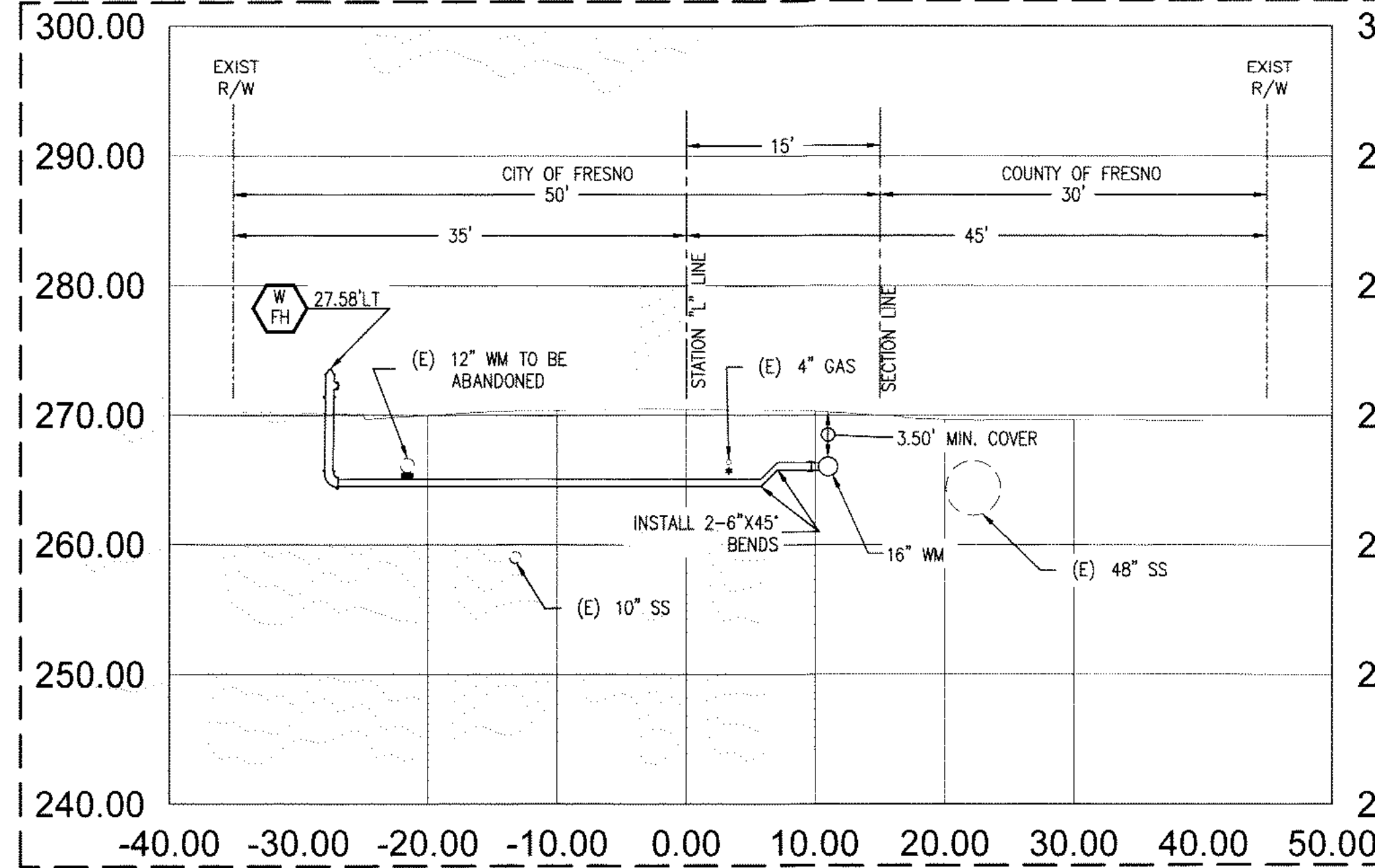
* 1' MINIMUM ODPC
MAINTAIN 1' MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE,
GAP BETWEEN ANY UTILITY CROSSING.

** 6" MINIMUM ODPC
MAINTAIN 6" MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE,
GAP BETWEEN EXISTING AND PROPOSED WATER MAIN PIPES
CROSSING.



PW FILE NO. <u>N/A</u>	CITY OF FRESNO		DEPARTMENT OF PUBLIC UTILITIES	
PROJ. ID. <u>WCO0005</u>	WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES (BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.)		REVIEWED:	
FUND NO. <u>40101</u>			OFFICE ENG. <u>ST</u>	CITY ENG. <u>Am</u>
ORG. NO. <u>141501</u>	DETAILS		DR. BY: <u>ST</u>	SHEET NO. <u>3</u>
REF. & REV.			CR. BY: <u>ST</u>	OF <u>19</u> SHEETS
PLAT NOS. <u>3053 & 3054</u>			DATE: <u>08/03/2024</u>	W. J. NO. <u>5927</u>
DPU24-0009			SCALE: <u>AS NOTED</u>	

S:\02 PROJECTS\MC PROJECTS (WATER)\WC00005-15927 S&J-02 COVER-4.dwg - Plot Date: 9-09-24 10:23:53 AM - Plot By: jsteele



STA: 55+59 CROSS-SECTION DETAIL D

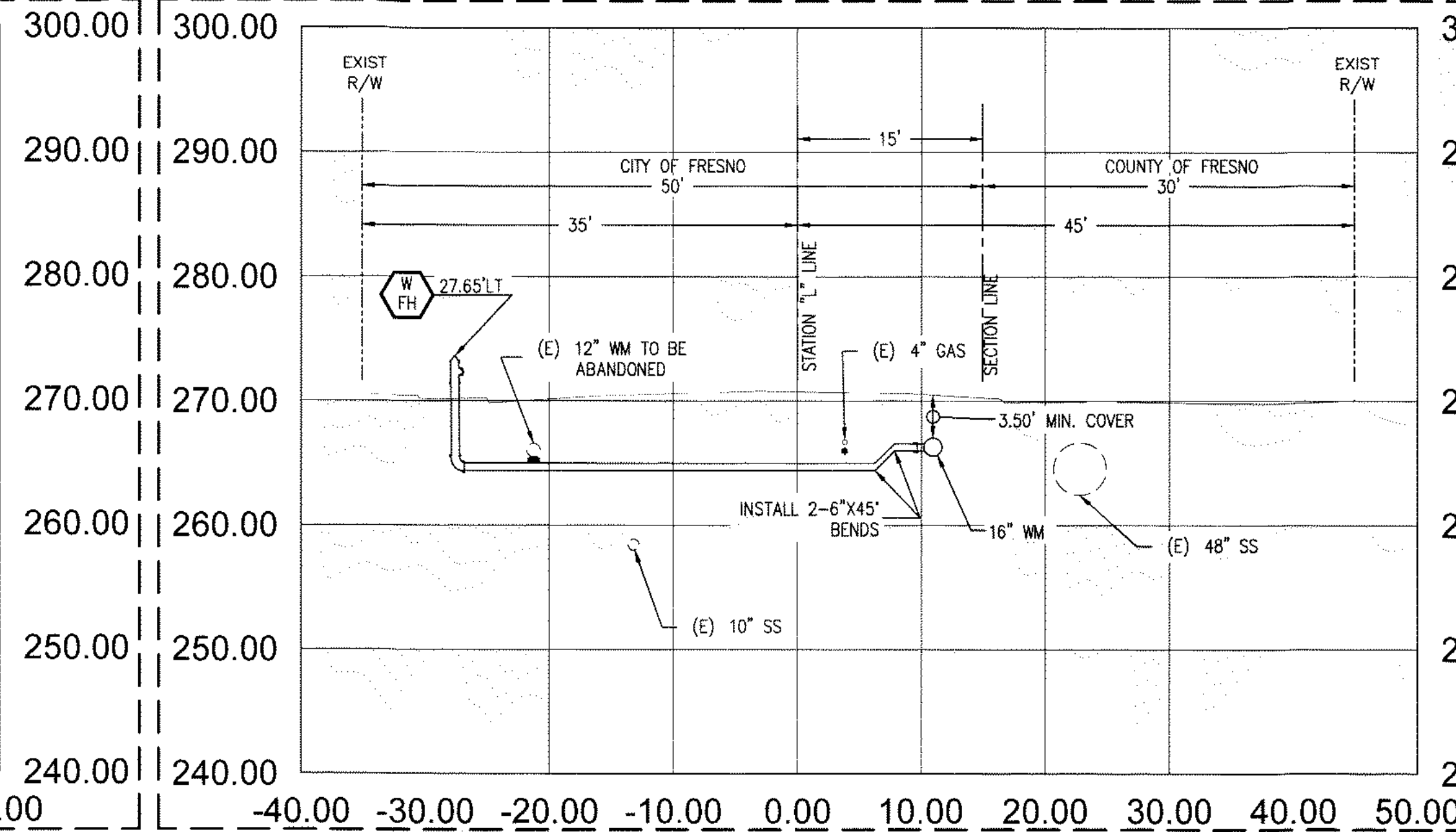
1"=10'

WATER MAIN CONSTRUCTION SYMBOL AND NOTES:

W FH INSTALL FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF FRESNO STANDARD DRAWING W-3.

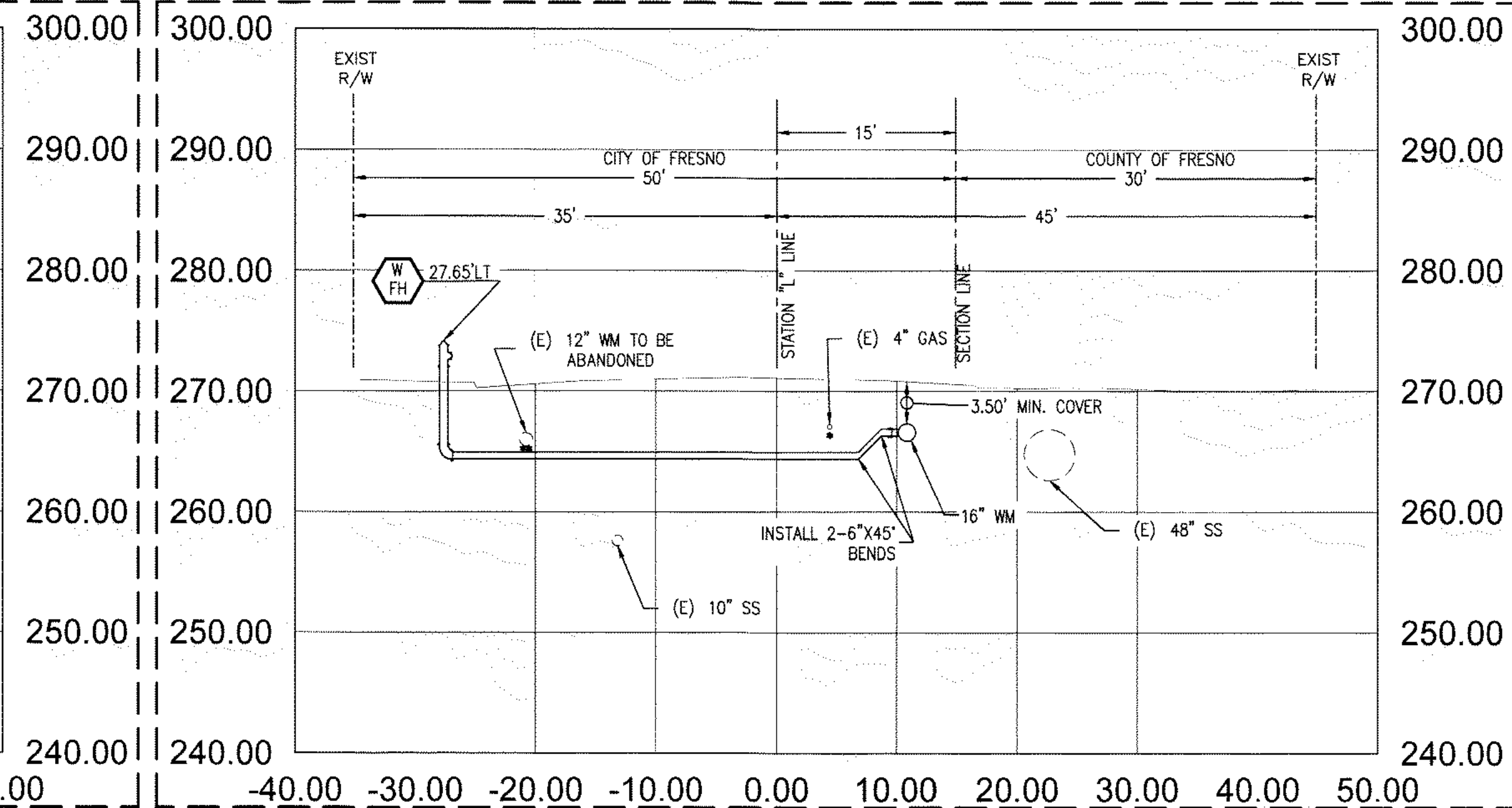
WATER MAIN LEGEND:

- * 1' MINIMUM ODPC
MAINTAIN 1' MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE, GAP BETWEEN ANY UTILITY CROSSING.
- ** 6" MINIMUM ODPC
MAINTAIN 6" MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE, GAP BETWEEN EXISTING AND PROPOSED WATER MAIN PIPES CROSSING.



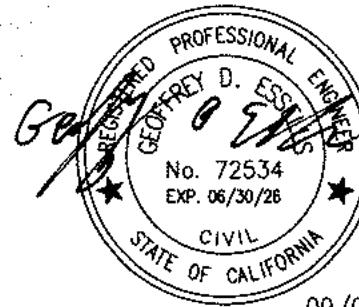
STA: 58+55 CROSS-SECTION DETAIL E

1"=10'



STA: 62+31 CROSS-SECTION DETAIL F

1"=10'



09/03/24

PW FILE NO. N/A
PROJ. ID. WC00005
FUND NO. 40101
ORG. NO. 411501

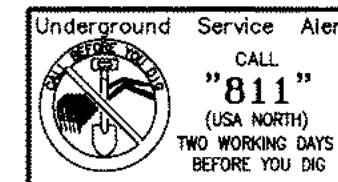
REF. & REV.

PLAT NOS. 3053 & 3054
DPU24-0009

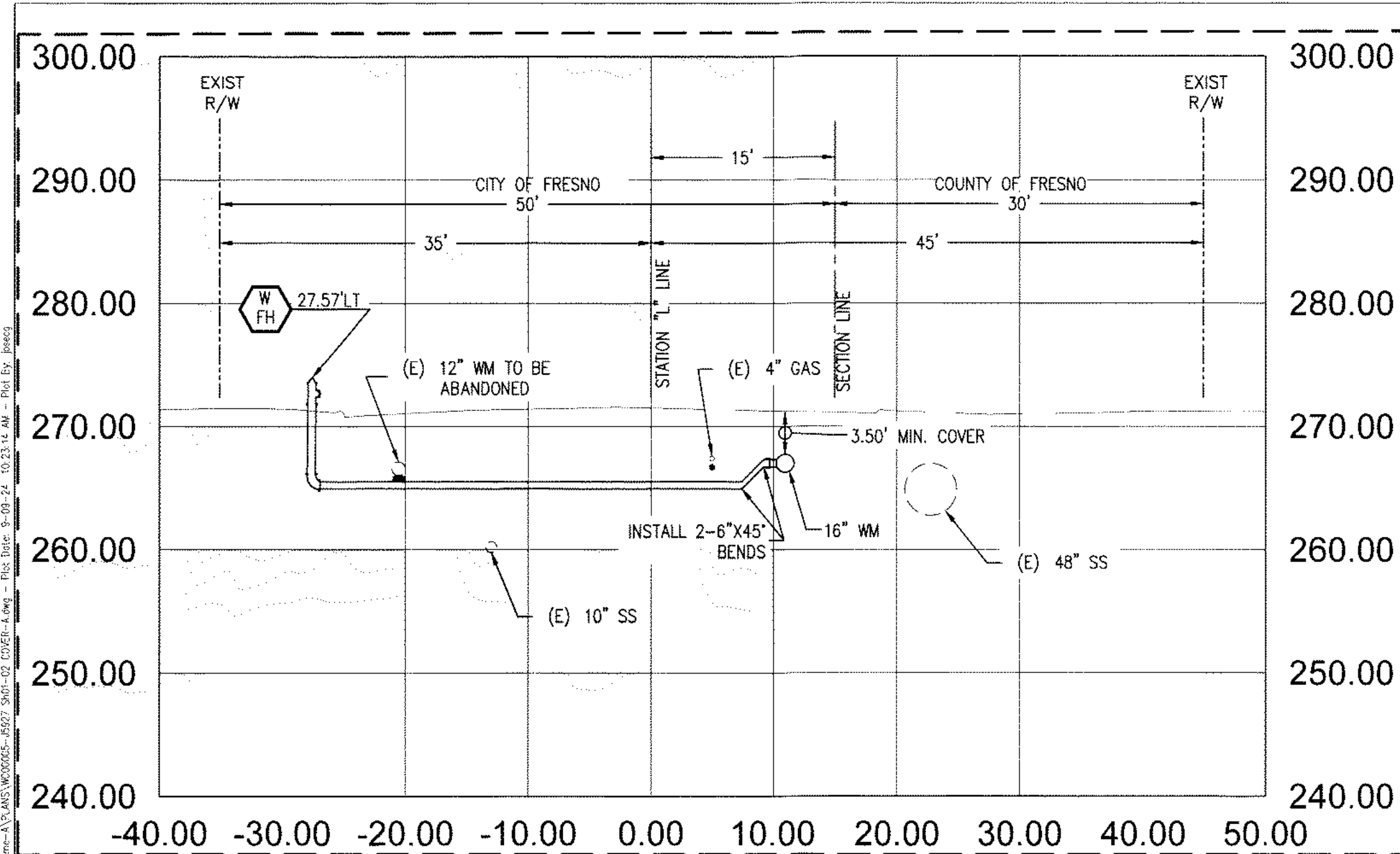
CITY OF FRESNO
WATER MAIN REPLACEMENT IN W. JENSEN
AND E. JENSEN AVENUES
(BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.)
DETAILS

DEPARTMENT OF PUBLIC UTILITIES

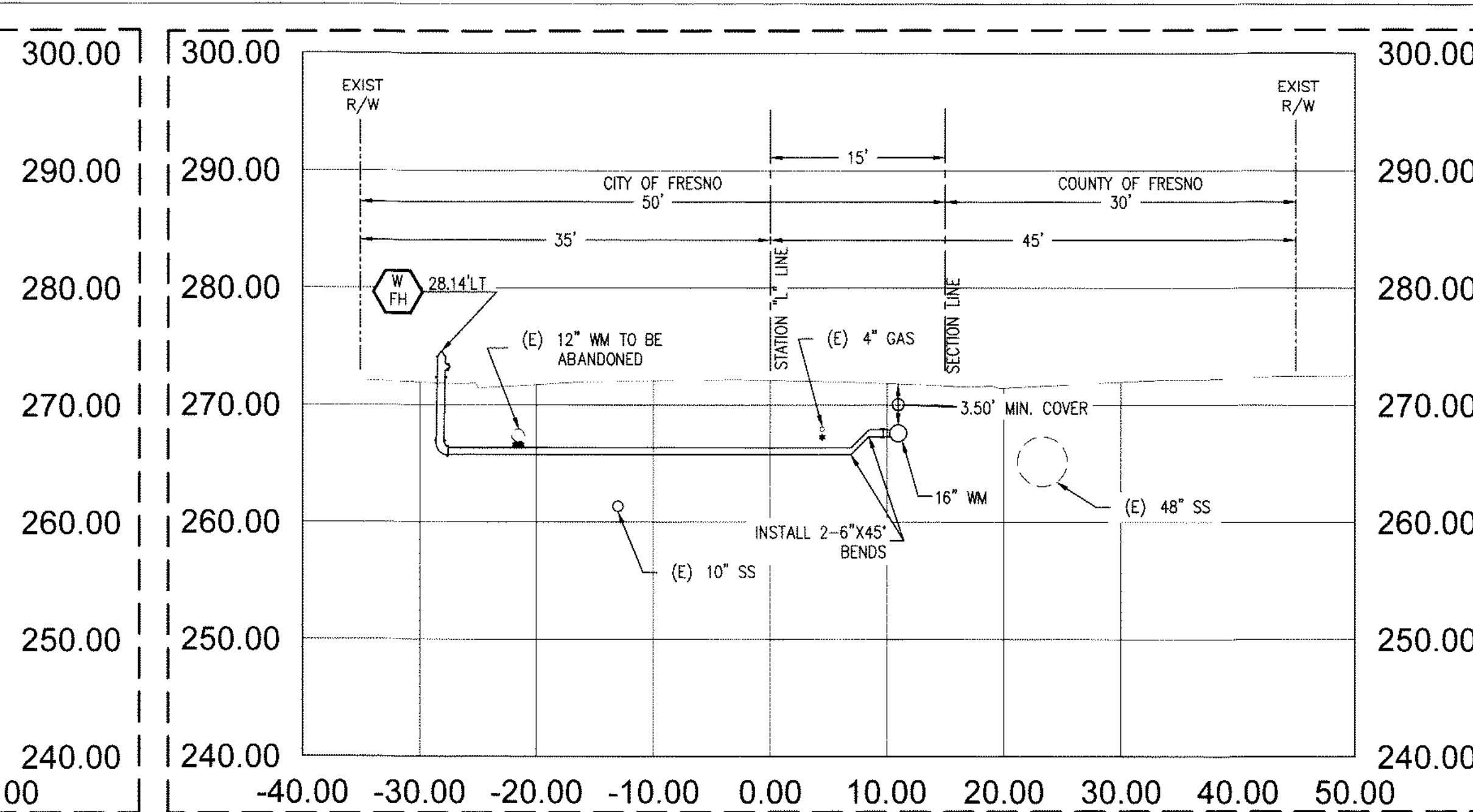
REVIEWED: ST CITY ENG. Jm
DR. BY: CH. BY: DATE: 09/03/2024 SCALE: AS NOTED
SHEET NO. 4 OF 19 SHEETS
W. J. NO. 5927



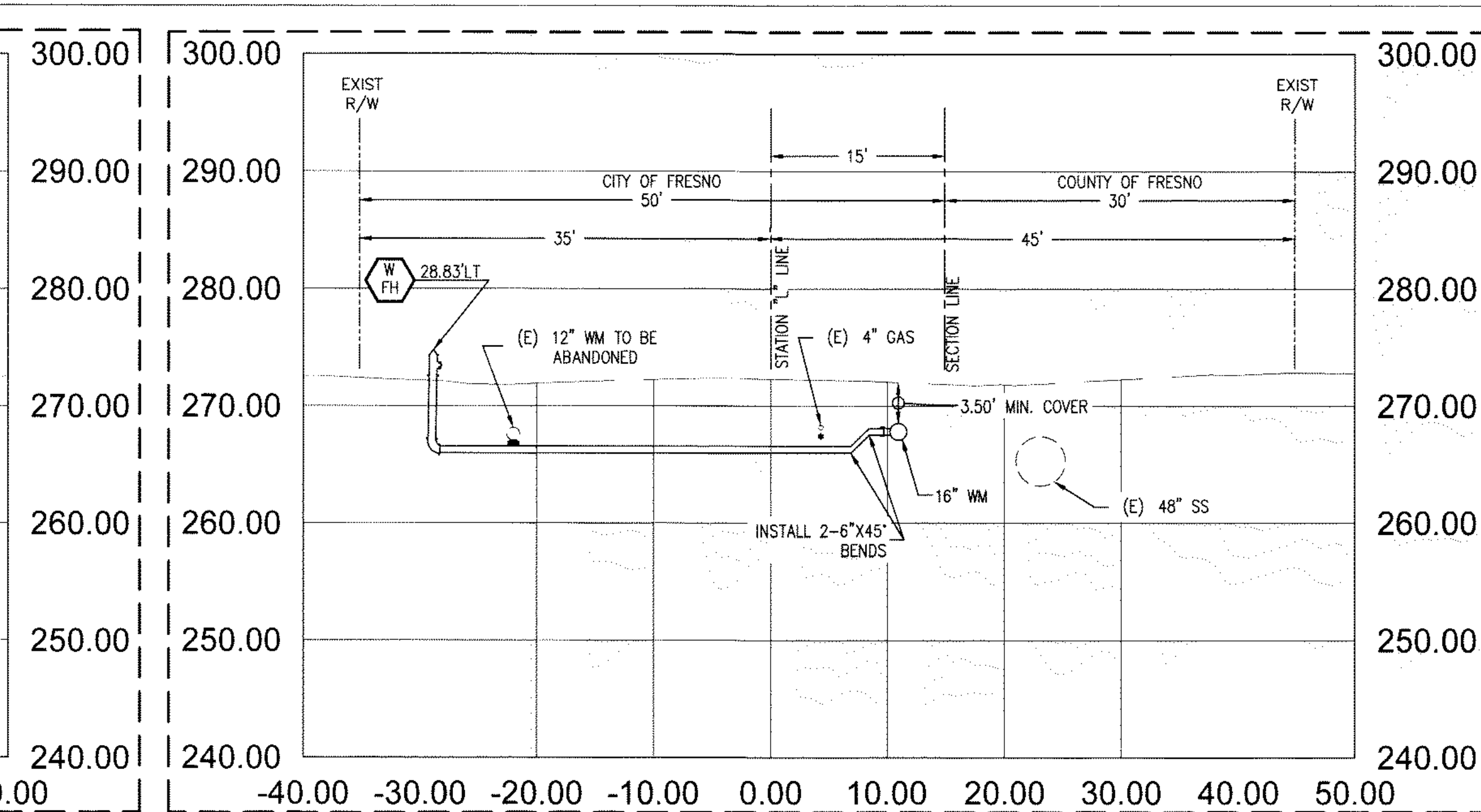
WC00005 - 15927 WM REPLACEMENT W. JENSEN AND E. JENSEN AVENUES (S. FRUIT TO S. MLK BLVD.)



STA: 65+81 CROSS-SECTION DETAIL G

$$1'' = 10'$$


STA: 71+44 CROSS-SECTION DETAIL H

$$1'' = 10'$$


STA: 73+77 CROSS-SECTION DETAIL 1

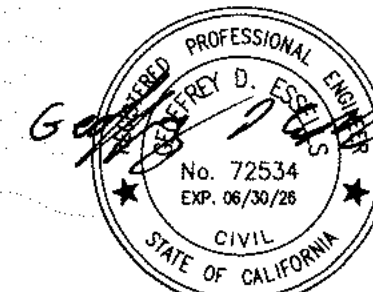
$$1^{29} = 10^{29}$$

WATER MAIN CONSTRUCTION SYMBOL
AND NOTES:

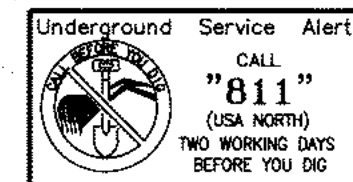
 INSTALL FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF FRESNO
STANDARD DRAWING W-3.

WATER MAIN LEGEND:

- * 1' MINIMUM ODPC
MAINTAIN 1' MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE,
GAP BETWEEN ANY UTILITY CROSSING.
- ** 6" MINIMUM ODPC
MAINTAIN 6" MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE,
GAP BETWEEN EXISTING AND PROPOSED WATER MAIN PIPES
CROSSING.

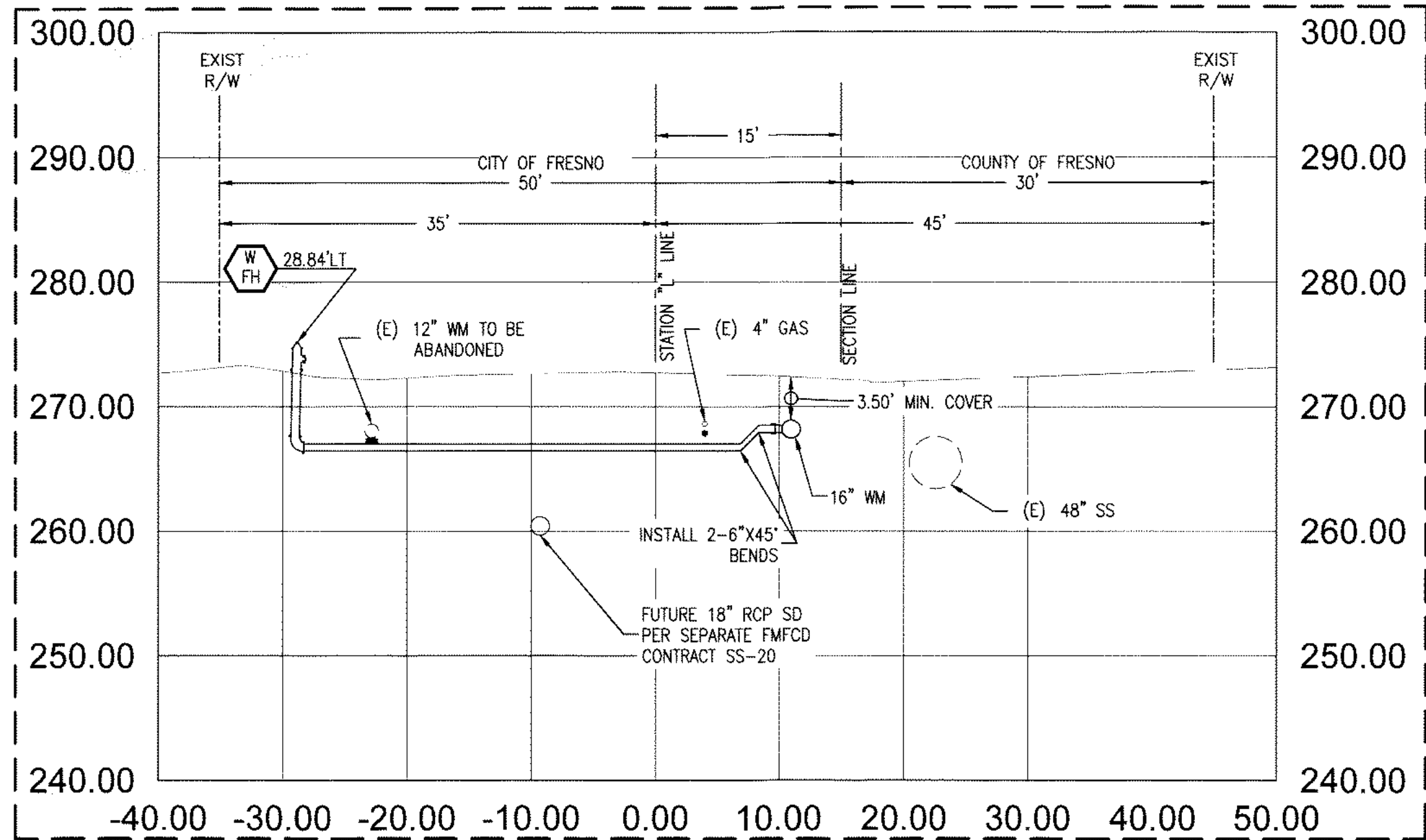


09/03/24



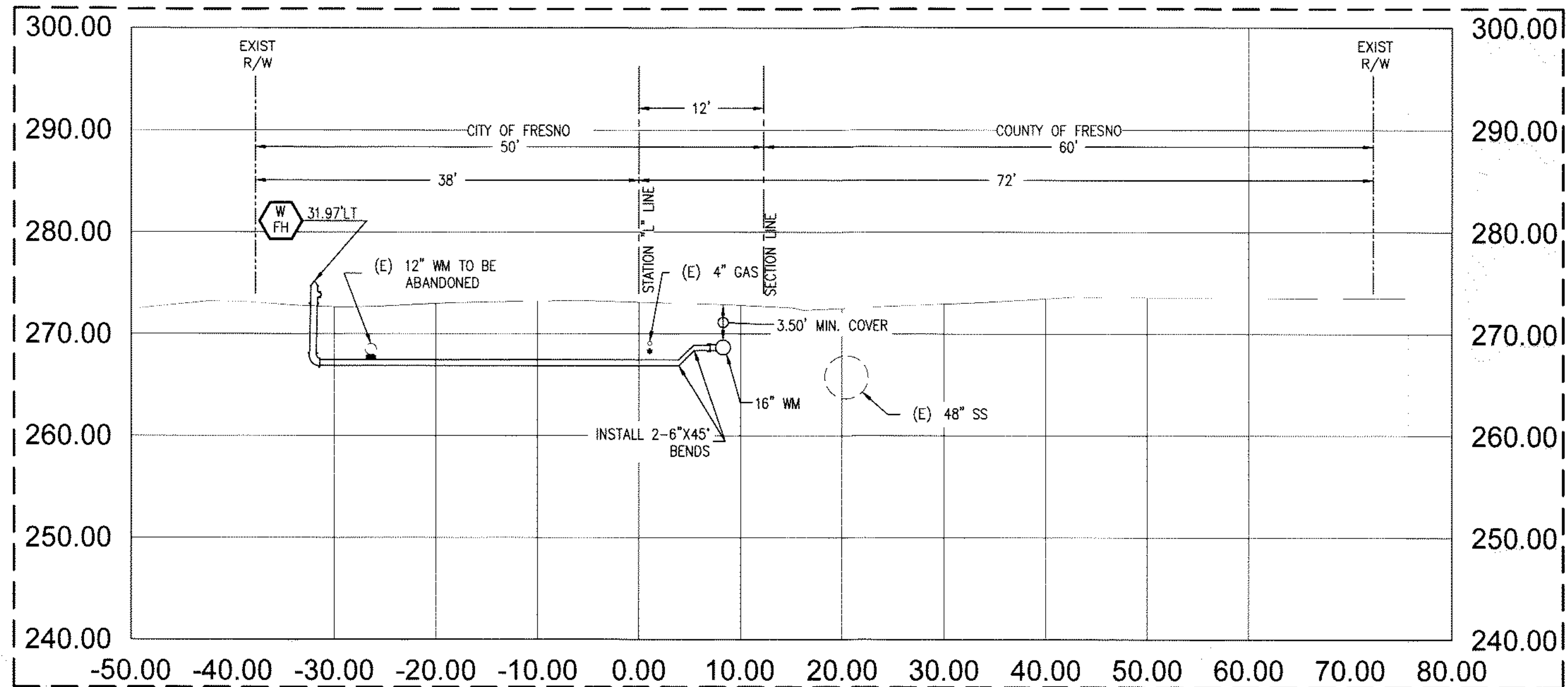
PW FILE NO. <u>N/A</u> PROJ. ID. <u>WCC0005</u> FUND NO. <u>40193</u> ORG. NO. <u>411501</u>	CITY OF FRESNO	DEPARTMENT OF PUBLIC UTILITIES
REF. & REV. PLAT NOS. 3053 & 3054 DPU24-0009	WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES (BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.) DETAILS	REVIEWED: <u>ST</u> OFFICE ENG. <u>ST</u> DR. BY: <u>ST</u> CH. BY: <u>ST</u> DATE: <u>09/03/2024</u> SCAI F. <u>AS NOTED</u> CITY ENG. <u>km</u> SHEET NO. <u>5</u> OF <u>19</u> SHEETS W. J. NO. 5927

F:\02 PROJECTS\WC PROJECTS (WATER)\WC000005-19927 JENSEN, FRUIT-MILK\04 PROJECT DESIGN\07 PLANS\04000005-19927 S101-02 COVER-A.dwg - Plot Date: 9/03/24 10:22:36 AM - Plot By: pases



STA: 78+27 CROSS-SECTION DETAIL J

1"=10'



STA: 82+77 CROSS-SECTION DETAIL K

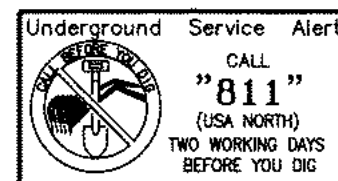
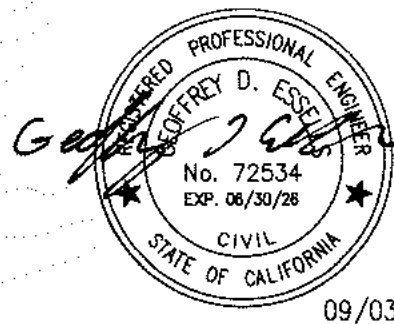
1"=10'

WATER MAIN CONSTRUCTION SYMBOL AND NOTES:

 INSTALL FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF FRESNO STANDARD DRAWING W-3.

WATER MAIN LEGEND:

- * 1' MINIMUM ODPC
MAINTAIN 1' MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE, GAP BETWEEN ANY UTILITY CROSSING.
- ** 6" MINIMUM ODPC
MAINTAIN 6" MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE, GAP BETWEEN EXISTING AND PROPOSED WATER MAIN PIPES CROSSING.



PW FILE NO. N/A
PROJ. ID. WC000005
FUND NO. 40101
ORG. NO. 411501

REF. & REV.
PLAT NOS. 3053 & 3054
DPU24-0009

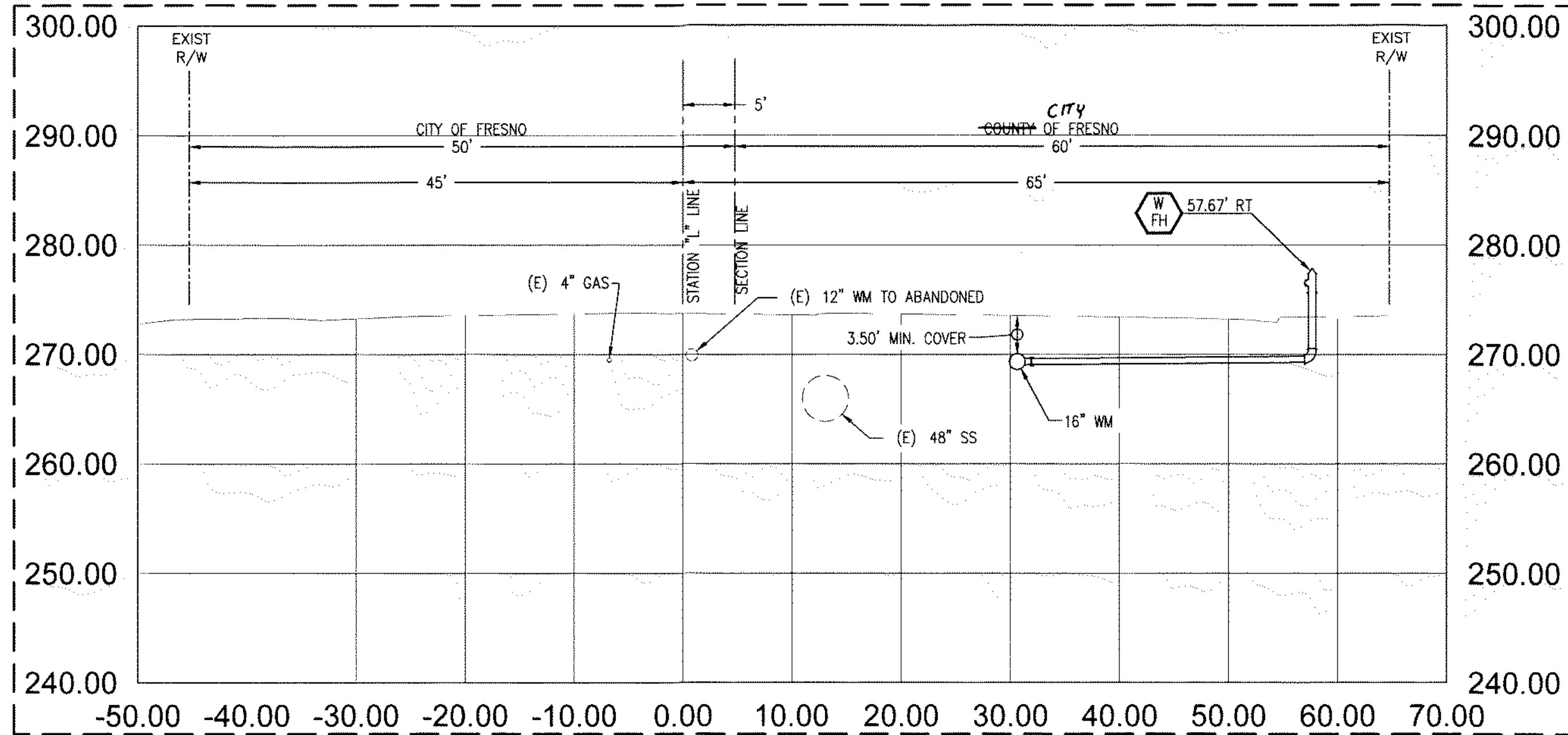
CITY OF FRESNO
WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES
(BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.)
DETAILS

DEPARTMENT OF PUBLIC UTILITIES

REVIEWED: ST
OFFICE ENG. ST
CITY ENG. MM
DR. BY: ST
CH. BY: ST
DATE: 09/03/2024
SCALE: AS NOTED
SHEET NO. 6
OF 19 SHEETS
W. J. NO. 5927

WC000005 - J5927 WM REPLACEMENT W. JENSEN AND E. JENSEN AVENUES (S. FRUIT TO S. MLK BLVD.)

R:\02 PROJECTS\WC PROJECTS (WATER)\WOODS-19927 JENSEN, FRUIT-MILK\04 PROJECT DESIGN\02 PLANS\CAD Systems-A\WOODS-19927 SRT-02 COVER-A.dwg - Plot Date: 9-09-24 10:21:58 AM - Plot By: jones



STA: 87+27 CROSS-SECTION DETAIL L

1"=10'

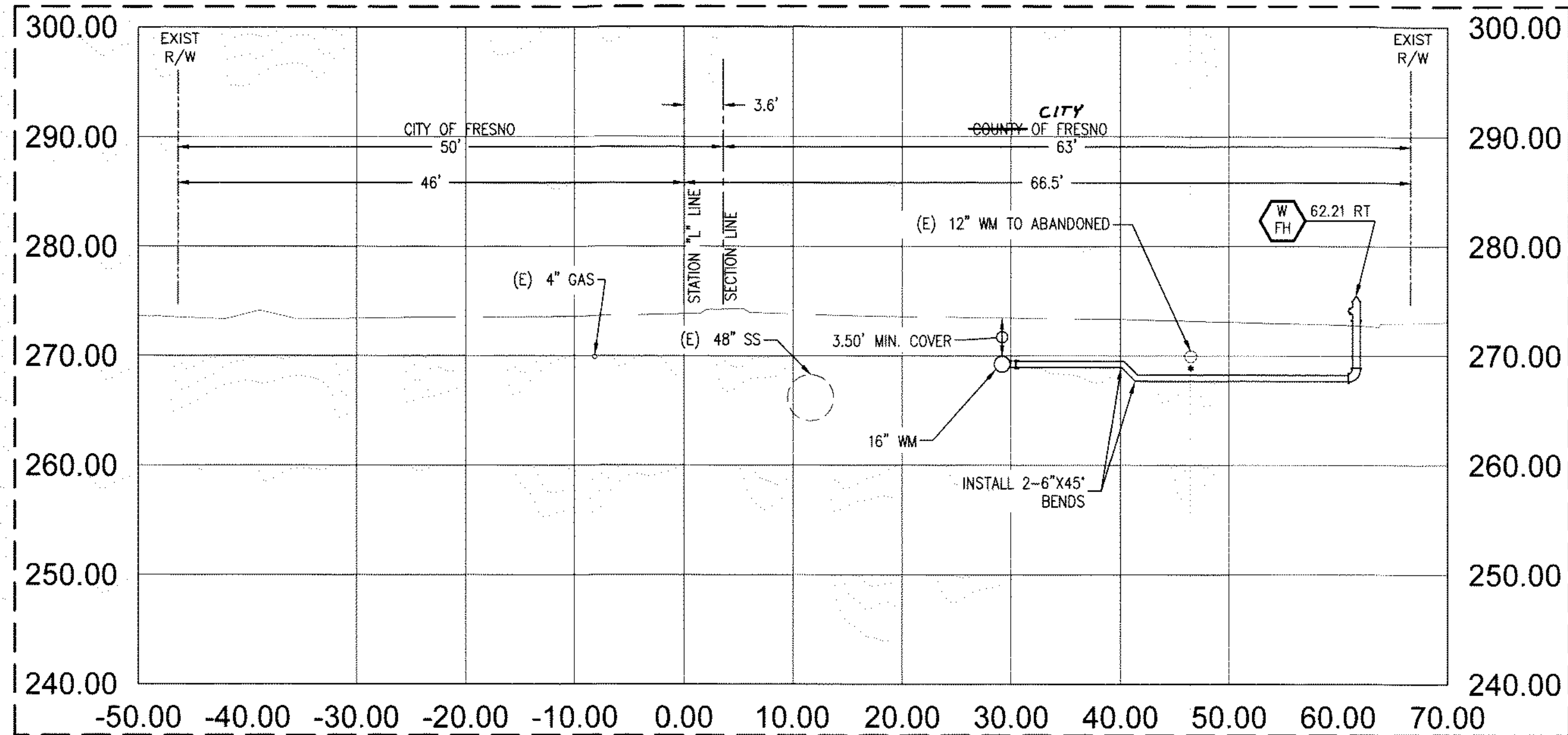
WATER MAIN CONSTRUCTION SYMBOL

AND NOTES:

 INSTALL FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF FRESNO STANDARD DRAWING W-3.

WATER MAIN LEGEND:

- * 1' MINIMUM ODP/C
MAINTAIN 1' MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE, GAP BETWEEN ANY UTILITY CROSSING.
- ** 6" MINIMUM ODP/C
MAINTAIN 6" MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE, GAP BETWEEN EXISTING AND PROPOSED WATER MAIN PIPES CROSSING.

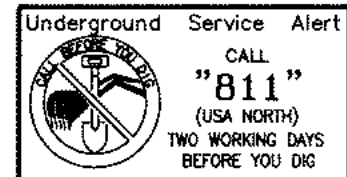


STA: 91+10 CROSS-SECTION DETAIL M

1"=10'

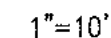


09/03/24



PW FILE NO. N/A PROJ. ID. WC00005 FUND NO. 40101 ORG. NO. 411501	CITY OF FRESNO		DEPARTMENT OF PUBLIC UTILITIES	
REF. & REV. PLAT NOS. 3053 & 3054 DPU24-0009	WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES (BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.)		REVIEWED: ST OFFICE ENG. ST CITY ENG. mm	SHEET NO. 7 OF 19 SHEETS W. J. NO. 5927
DATE: 09/03/2024 SCALE: AS NOTED				

WC00005 - J5927 WM REPLACEMENT W. JENSEN AND E. JENSEN AVENUES (S. FRUIT TO S. MLK BLVD.)



 INSTALL DUCTILE IRON WATER MAIN. SIZE AND LENGTH OF PIPE AS NOTED ON PLAN.

DUCTILE IRON PIPE

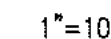
INSTALL CL 350 DUCTILE IRON PIPE PER MANUFACTURER
INSTALLATION METHODS AND ALLOWABLE JOINTS
DEFLECTION.

* 1' MINIMUM ODPC

MAINTAIN 1' MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE,
GAP BETWEEN ANY UTILITY CROSSING.

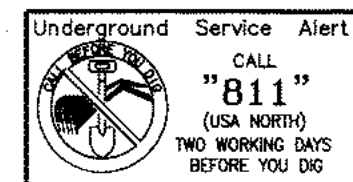
6" MINIMUM ODPC

MAINTAIN 6" MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE,
GAP BETWEEN EXISTING AND PROPOSED WATER MAIN PIPES
CROSSING.



REGISTERED PROFESSIONAL ENGINEER
JEFFREY D. ESSELS
No. 72534
EXP. 06/30/26
CIVIL
STATE OF CALIFORNIA

09/03/24

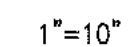
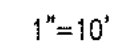


PW FILE NO.	N/A
PROJ. ID.	WC00005
FUND NO.	40101
ORG. NO.	411501

REF. & REV.
PLAT NOS. 3053 &
3054
DPU24-0009

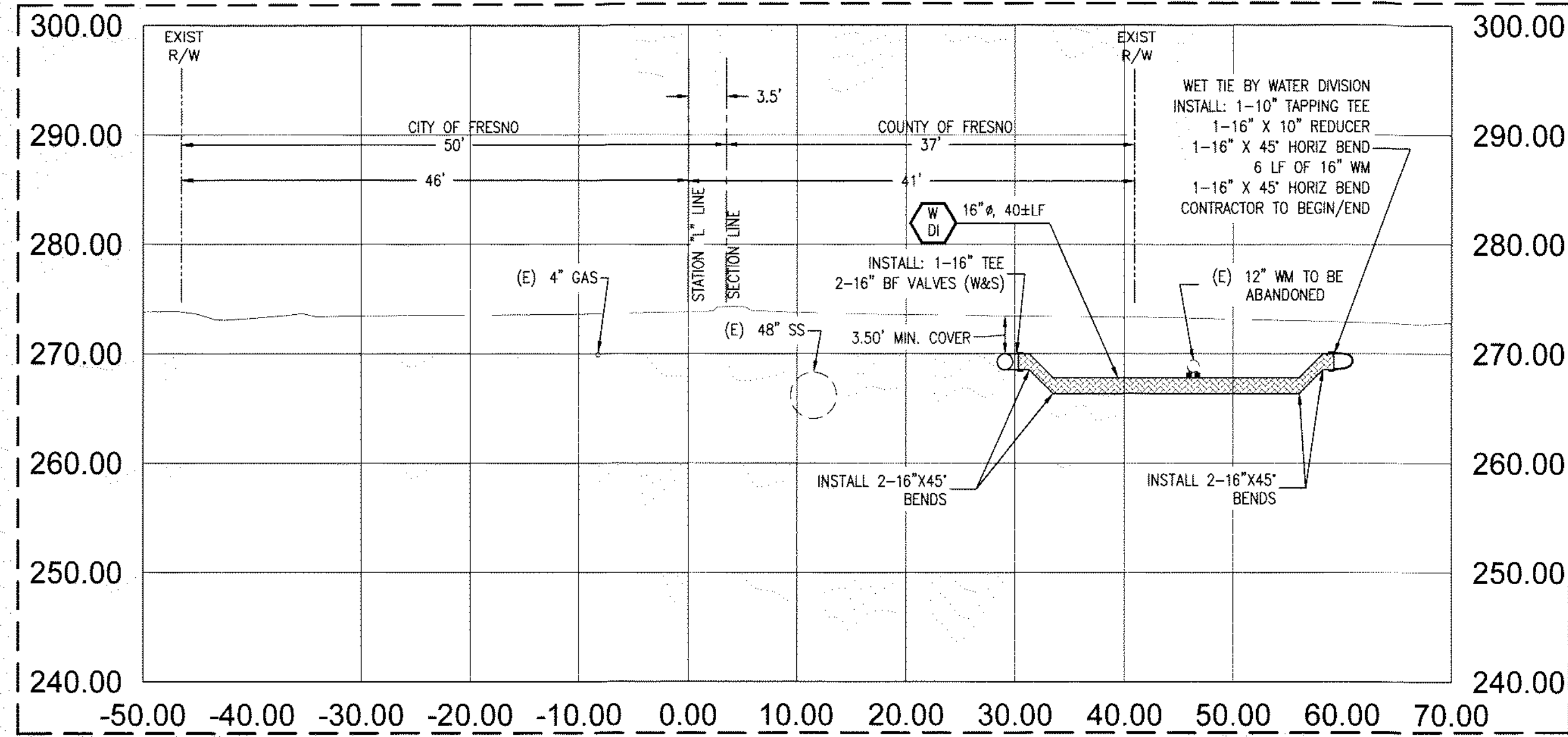
CITY OF FRESNO	DEPARTMENT
WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES (BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.)	
DETAILS	

REVIEWED:		
OFFICE ENG.	<u>ST</u>	CITY ENG. <u>mm</u>
DR. BY: <u>ST</u>	SHEET NO. <u>8</u>	
CH. BY:	OF <u>19</u> SHEETS	
DATE: <u>09/03/2024</u>	W. J. NO. 5927	
SCALE: AS NOTED		



PW FILE NO. <u>N/A</u>		CITY OF FRESNO	DEPARTMENT OF PUBLIC UTILITIES	
PROJ. ID. <u>WC000095</u>				
FUND NO. <u>40101</u>				
ORG. NO. <u>411501</u>				
REF. & REV.		WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES (BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.) DETAILS	REVIEWED:	
PLAT NOS. <u>3053 & 3054</u>			OFFICE ENG. <u>ST</u>	CITY ENG. <u>mm</u>
DPU24-0009			DR. BY: <u>89</u>	SHEET NO. <u>9</u>
			CH. BY:	OF <u>19</u> SHEETS
			DATE: <u>09/03/2024</u>	W. J. NO. <u>5927</u>
			SCALE: AS NOTED	

9:102 PROJECTS INC. PROJECTS (WATER) WC00005-1997 JENSEN, FRUIT, MLK (A) PROJECT DESIGN (OF PLANS) CAD Scheme-A (Plan) 9:08-24 10:20:15 AM - Plot By: Jbans



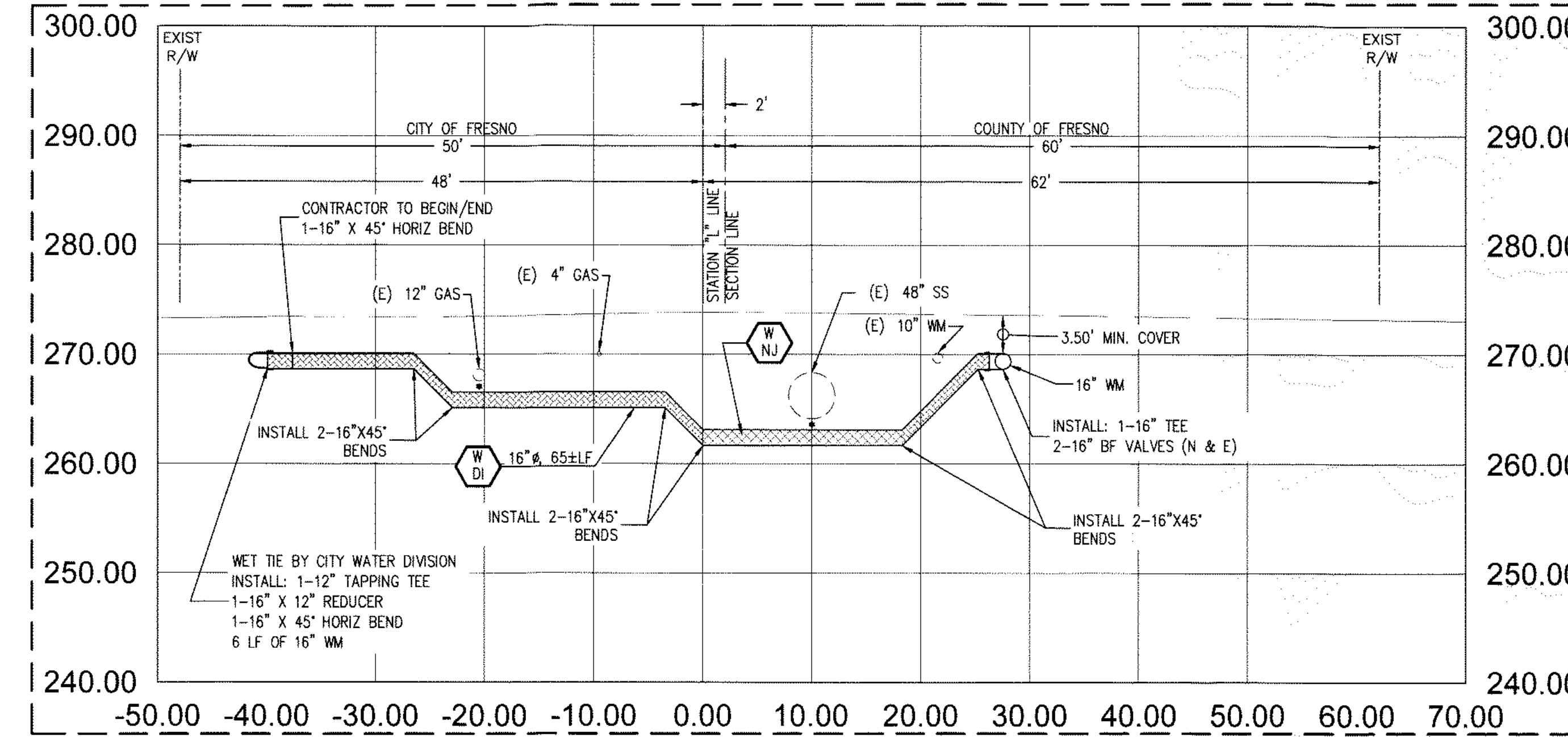
MARTIN LUTHER KING BLVD. CROSS-SECTION DETAIL E-E
1"=10'

WATER MAIN CONSTRUCTION SYMBOL AND NOTES:

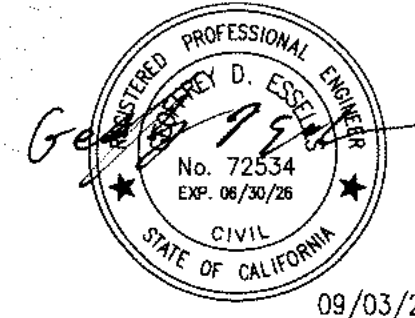
- W DI INSTALL DUCTILE IRON WATER MAIN. SIZE AND LENGTH OF PIPE AS NOTED ON PLAN.
- W NJ NO JOINTS ALLOWED. INSTALL WATER MAIN WITH NO JOINTS PER WATER LEGEND ON THIS SHEET.

WATER MAIN LEGEND:

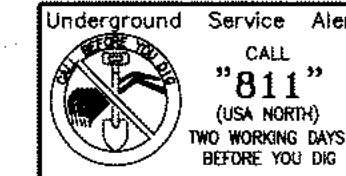
- NO JOINTS ALLOWED
INSTALL 20 LF (MINIMUM) WATER MAIN WITH NO JOINTS CENTERED OF ANY SEWER MAIN OR LATERAL CROSSING. REFERENCE: P.W. STANDARD SPECIFICATION 21-11 AND SECTION 64630- TITLE 24, CALIFORNIA ADMINISTRATIVE CODE (PROHIBITED CONSTRUCTION ZONE).
- DUCTILE IRON PIPE
INSTALL CL 350 DUCTILE IRON PIPE PER MANUFACTURER INSTALLATION METHODS AND ALLOWABLE JOINTS DEFLECTION.
- * 1' MINIMUM ODPC
MAINTAIN 1' MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE, GAP BETWEEN ANY UTILITY CROSSING.
- ** 6" MINIMUM ODPC
MAINTAIN 6" MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE, GAP BETWEEN EXISTING AND PROPOSED WATER MAIN PIPES CROSSING.



MARTIN LUTHER KING BLVD. CROSS-SECTION DETAIL F-F
1"=10'

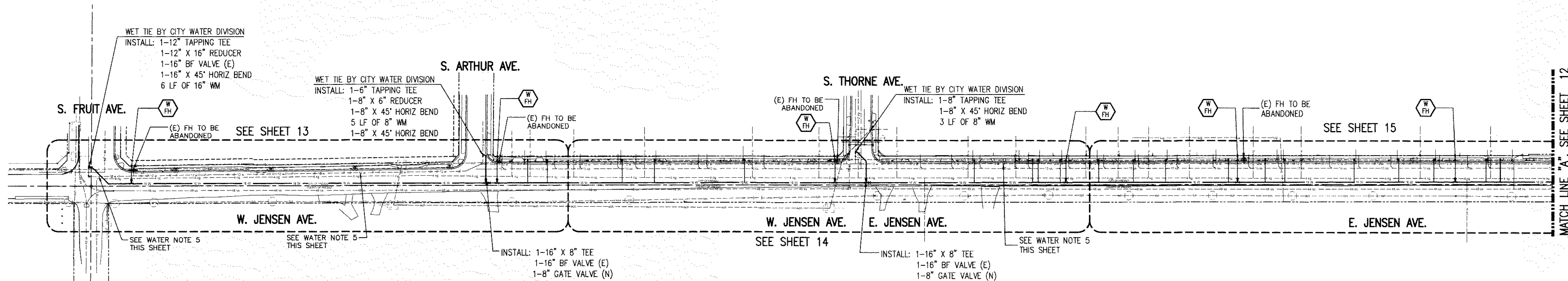


PW FILE NO. N/A PROJ. ID. WC00005 FUND NO. 40101 ORG. NO. 411501	REF. & REV. PLAT NOS. 3053 & 3054 DPU24-0009	CITY OF FRESNO WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES (BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.) DETAILS	DEPARTMENT OF PUBLIC UTILITIES REVIEWED: ST OFFICE ENG. CITY ENG. Jm DR. BY: ST CH. BY: ST DATE: 09/03/2024 SCALE: AS NOTED	SHEET NO. 10 OF 19 SHEETS W. J. NO. 5927
---	--	--	---	--



WC00005 - J5927 WM REPLACEMENT W. JENSEN AND E. JENSEN AVENUES (S. FRUIT TO S. MLK BLVD.)

R:\02 PROJECTS\MC PROJECTS\WATER\WC00005-5927 JENSEN, FRUIT, MLK\04 PROJECT DESIGN\02 PLANS\CAE\Scheme-A\PLANS\WC00005-5927 3053-05 KEY LOCATION MAP-ADWP - Plot Date: 9/03/24 10:17:16 AM - Plot By: jones



WATER MAIN CONSTRUCTION SYMBOL AND NOTES:

INSTALL FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF FRESNO STANDARD DRAWING W-3.

WATER NOTES:

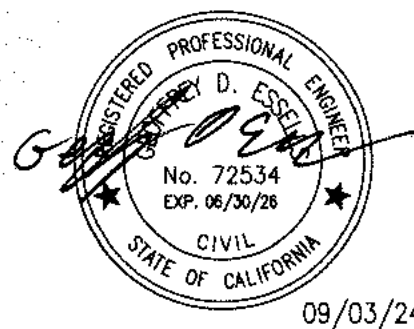
1. POTHOLE ALL EXISTING UTILITIES PRIOR TO WATER MAIN PLACEMENT. MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS EXCEPT AS NOTED ON PLANS.
2. USE COUPLERS OR BENDS TO MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS.
3. REMOVE AND REPLACE IN KIND ANY STRUCTURES OR IMPROVEMENTS THAT ARE ON OR ADJACENT TO THE PROPOSED WATER MAIN ALIGNMENT.
4. LOCATE ALL FIRE HYDRANTS PER P.W. STD. DWG. W-3.
5. EXISTING WATER MAIN PIPES AND APPURTENANCES TO BE CUT, PLUGGED AND ABANDONED AT LOCATION CALLED-OUT ON PLANS BY CITY WATER DIVISION AFTER NEW WATER MAIN INSTALLATION IS COMPLETED, TESTED AND OPERATIONAL.
6. ALL WET-TIES TO EXISTING WATER FACILITIES SHALL BE PERFORMED BY CITY OF FRESNO FORCES.
7. WATER METER BOXES SHALL BE PLACED IN LANDSCAPE AREAS, WHENEVER POSSIBLE, PER CITY OF FRESNO STD. DWG W-1 AND W-2 OR AS CLOSE TO THE PROPERTY LINE AS FEASIBLE WHEN CURB AND GUTTER IS MISSING, TYPICAL.

EXISTING WATER MAIN WITH CROSS-HATCHING SHOWN TO BE ABANDONED BY CITY OF FRESNO WATER DIVISION.

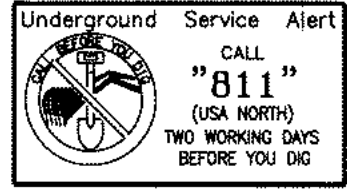
GENERAL NOTES:

REPLACE EXISTING STRIPING THAT IS DAMAGED - SEE NOTE 13 OF CONSTRUCTION GENERAL NOTES, SHEET 1.

CITY OF FRESNO
COUNTY OF FRESNO
CITY/COUNTY LIMIT LINE



SCALE 1"=100'
0 100 200



PW FILE NO. N/A
PROJ. ID. WC00005
FUND NO. 40101
ORG. NO. 411501
REF. & REV.
PLAT NOS. 3053 & 3054
DPU24-0009

CITY OF FRESNO
WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES
(BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.)
KEY LOCATION MAP (SHEET 1 OF 2)

DEPARTMENT OF PUBLIC UTILITIES
REVIEWED: ST
OFFICE ENG. City Eng. Jm
DR. BY: Jm
CH. BY: Jm
DATE: 09/03/2024
SCALE: AS NOTED
SHEET NO. 11
OF 19 SHEETS
W. J. NO. 5927

WATER MAIN CONSTRUCTION SYMBOL
AND NOTES:

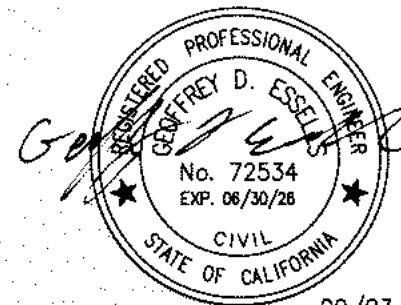
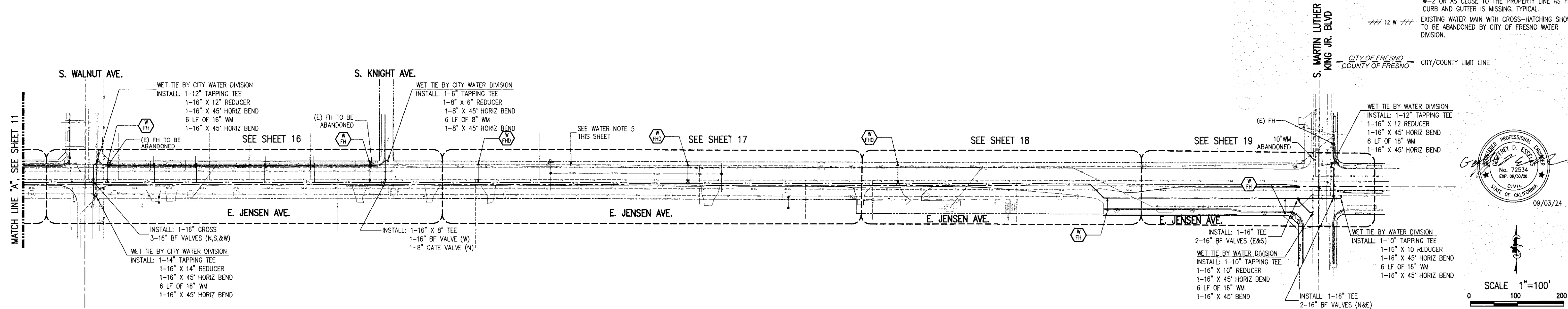
-  INSTALL FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF
 FRESNO STANDARD DRAWING W-3.
-  INSTALL FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF FRESNO
 STANDARD DRAWING W-23 (HYDRANT INSTALLATION WITH
 DELINEATORS).

GENERAL NOTES:

REPLACE EXISTING STRIPING THAT IS DAMAGED -- SEE NOTE 13
OF CONSTRUCTION GENERAL NOTES, SHEET 1.

WATER NOTES:

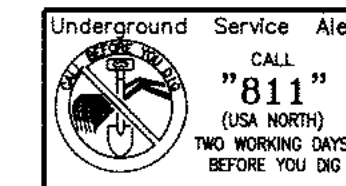
1. POTHOLE ALL EXISTING UTILITIES PRIOR TO WATER MAIN PLACEMENT. MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS EXCEPT AS NOTED ON PLANS.
 2. USE COUPLERS OR BENDS TO MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS.
 3. REMOVE AND REPLACE IN KIND ANY STRUCTURES OR IMPROVEMENTS THAT ARE ON OR ADJACENT TO THE PROPOSED WATER MAIN ALIGNMENT.
 4. LOCATE ALL FIRE HYDRANTS PER P.W. STD. DWG. W-3.
 5. EXISTING WATER MAIN PIPES AND APPURTENANCES TO BE CUT, PLUGGED AND ABANDONED AT LOCATION CALLED-OUT ON PLANS BY CITY WATER DIVISION AFTER NEW WATER MAIN INSTALLATION IS COMPLETED, TESTED AND OPERATIONAL.
 6. ALL WET-TIES TO EXISTING WATER FACILITIES SHALL BE PERFORMED BY CITY OF FRESNO FORCES.
 7. WATER METER BOXES SHALL BE PLACED IN LANDSCAPE AREAS, WHENEVER POSSIBLE, PER CITY OF FRESNO STD. DWG W-1 AND W-2 OR AS CLOSE TO THE PROPERTY LINE AS FEASIBLE WHEN CURB AND GUTTER IS MISSING, TYPICAL.
- EXISTING WATER MAIN WITH CROSS-HATCHING SHOWN TO BE ABANDONED BY CITY OF FRESNO WATER DIVISION.



09/03/24



SCALE 1"=100'



PW FILE NO.	NA
PROJ. ID.	WC0000
FUND NO.	401
ORG. NO.	4115

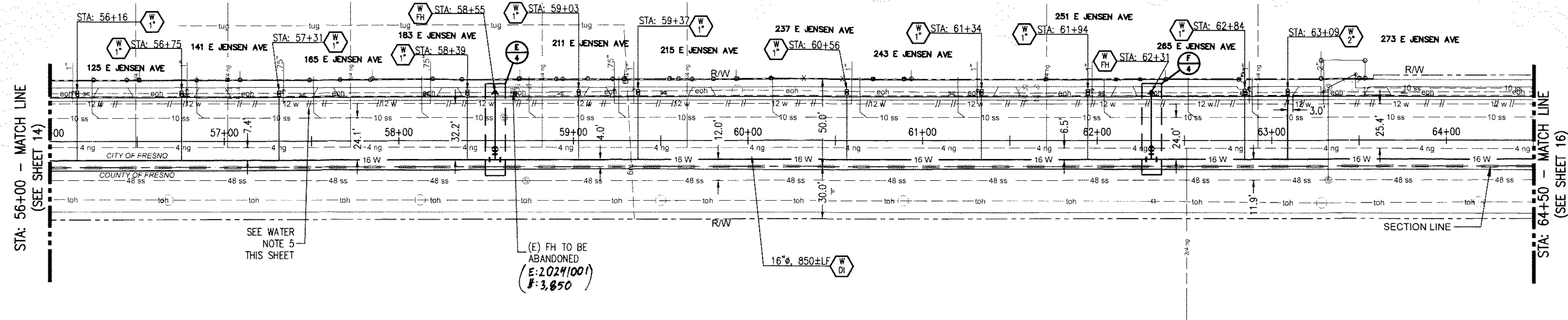
REF. & REV.
PLAT NOS. 3053
3054
DPU24-0009

CITY OF FRESNO	DEPARTMENT
WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES (BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.) KEY LOCATION MAP (SHEET 2 OF 2)	

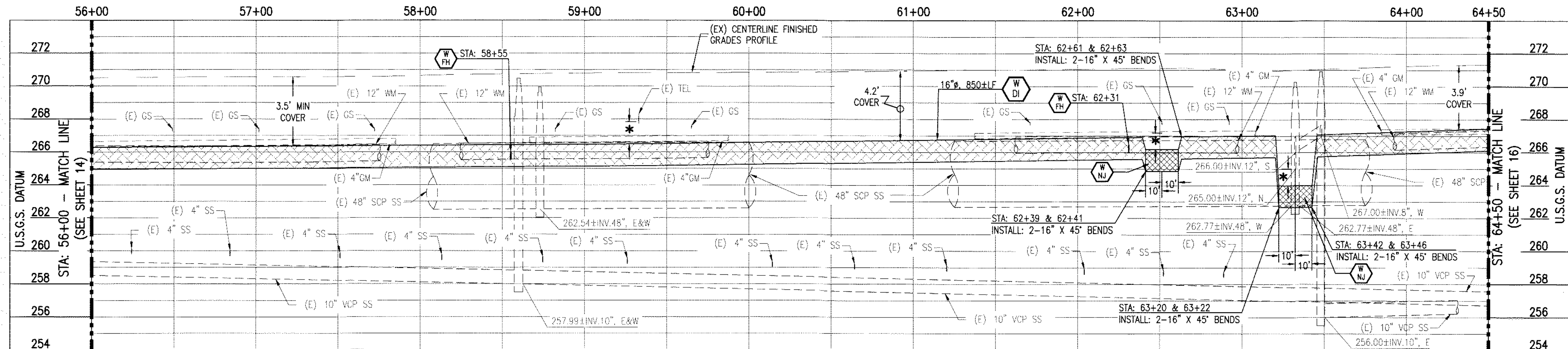
DEPARTMENT OF PUBLIC UTILITIES

REVIEWED: _____
OFFICE ENG. ST CITY ENG. ALM
DR. BY: SG SHEET NO. 12
CH. BY: AL OF 19 SHEETS
DATE: 09/03/2024
SCALE: _____ AS NOTED **W. J. NO. 5927**

Alert	33
4) DAYS DIG	
3	3
LETS	7



E. JENSEN AVENUE



WATER NOTES:

1. POT HOLE ALL EXISTING UTILITIES PRIOR TO WATER MAIN PLACEMENT. MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS EXCEPT AS NOTED ON PLANS.
2. USE COUPLERS OR BENDS TO MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS.
3. REMOVE AND REPLACE IN KIND ANY STRUCTURES OR IMPROVEMENTS THAT ARE ON OR ADJACENT TO THE PROPOSED WATER MAIN ALIGNMENT.
4. LOCATE ALL FIRE HYDRANTS PER P.W. STD. DWG. W-3.
5. EXISTING WATER MAIN PIPES AND APPURTENANCES TO BE ABANDONED BY CITY WATER DIVISION AFTER NEW WATER MAIN INSTALLATION IS COMPLETED, TESTED AND OPERATIONAL.
6. ALL WET-TIES TO EXISTING WATER FACILITIES SHALL BE PERFORMED BY CITY OF FRESNO FORCES.
7. WATER METER BOXES SHALL BE PLACED IN LANDSCAPE AREAS, WHENEVER POSSIBLE, PER CITY OF FRESNO STD. DWG. W-1 AND W-2 OR AS CLOSE TO THE PROPERTY LINE AS FEASIBLE WHEN CURB AND GUTTER IS MISSING, TYPICAL.

WATER MAIN LEGEND:

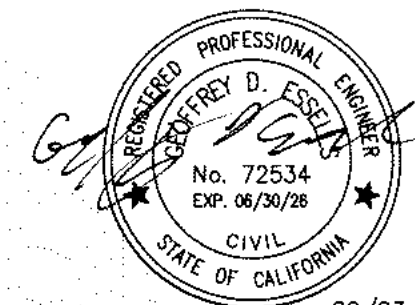
- NO JOINTS ALLOWED
INSTALL 20 LF (MINIMUM) WATER MAIN WITH NO JOINTS CENTERED OF ANY SEWER MAIN OR LATERAL CROSSING. REFERENCE: P.W. STANDARD SPECIFICATION 21-11 AND SECTION 64630- TITLE 24, CALIFORNIA ADMINISTRATIVE CODE (PROHIBITED CONSTRUCTION ZONE).
- DUCTILE IRON PIPE
INSTALL CL 350 DUCTILE IRON PIPE PER MANUFACTURER INSTALLATION METHODS AND ALLOWABLE JOINTS DEFLECTION.
- 1' MINIMUM ODPC
MAINTAIN 1' MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE, GAP BETWEEN ANY UTILITY CROSSING.
- EXISTING WATER MAIN WITH CROSS-HATCHING SHOWN TO BE ABANDONED BY CITY OF FRESNO WATER DIVISION. EXISTING AFFECTED FIRE HYDRANT ASSEMBLY TO BE REMOVED BY CITY OF FRESNO WATER DIVISION. ANY PAVEMENT CUTS/ RESTORATION PER DETAIL ON SHEET 2.

CITY OF FRESNO
COUNTY OF FRESNO

CITY/COUNTY LIMIT LINE

WATER MAIN CONSTRUCTION SYMBOL AND NOTES:

- INSTALL DUCTILE IRON WATER MAIN. SIZE AND LENGTH OF PIPE AS NOTED ON PLAN.
- INSTALL (2) FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF FRESNO STANDARD DRAWING W-3.
- INSTALL (1) 1" WATER SERVICE AND METER BOX PER CITY OF FRESNO STANDARD DRAWING W-2. LOCATION ARE APPROXIMATE AND MAY CHANGE IN THE FIELD. LOCATE METER BOX WITHIN (E) R/W WHERE EASILY ACCESSIBLE.
- INSTALL (1) 2" WATER SERVICE AND METER BOX PER CITY OF FRESNO STANDARD DRAWING W-1. LOCATIONS ARE APPROXIMATE AND MAY CHANGE IN THE FIELD. LOCATE METER BOX WITHIN (E) R/W WHERE EASILY ACCESSIBLE.
- NO JOINTS ALLOWED. INSTALL WATER MAIN WITH NO JOINTS PER WATER LEGEND ON THIS SHEET.



09/03/24

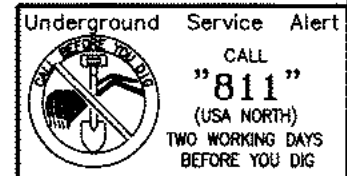
SCALE 1"=40'

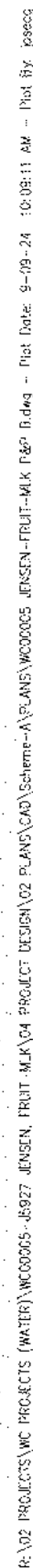
PW FILE NO. N/A
PROJ. ID. WC00005
FUND NO. 40101
ORG. NO. 411501

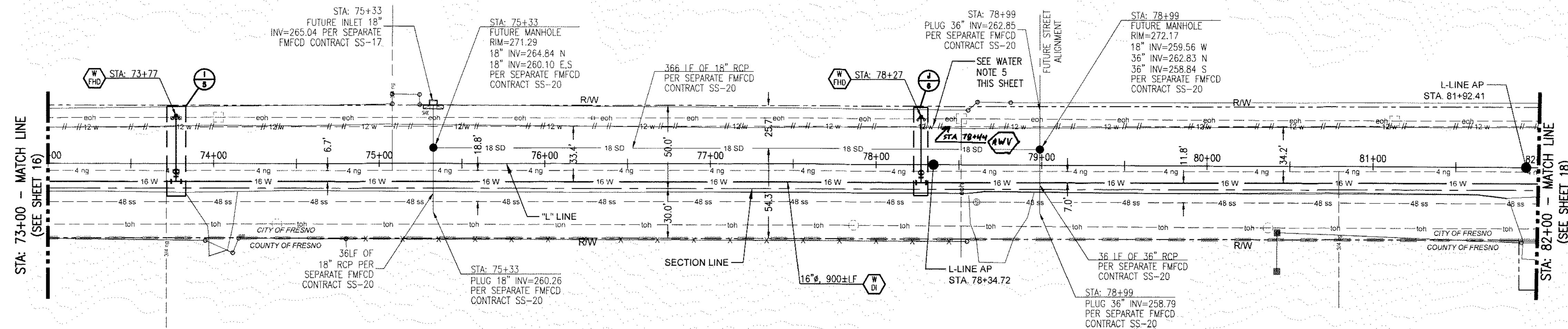
REF. & REV.
PLAT NOS. 3053 & 3054
DPU24-0009

CITY OF FRESNO
WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES
(BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.)
PLAN AND PROFILE, E. JENSEN AVENUE
(STA: 56+00 TO STA: 64+50)

DEPARTMENT OF PUBLIC UTILITIES
REVIEWED: OFFICE ENG. ST CITY ENG. JAM
DR. BY: CH. BY: DATE: 09/03/2024 SCALE: AS NOTED
SHEET NO. 15 OF 19 SHEETS
W. J. NO. 5927



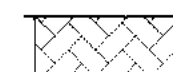




WATER NOTES:

1. POTHOLE ALL EXISTING UTILITIES PRIOR TO WATER MAIN PLACEMENT. MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS EXCEPT AS NOTED ON PLANS.
2. USE COUPLERS OR BENDS TO MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS.
3. REMOVE AND REPLACE IN KIND ANY STRUCTURES OR IMPROVEMENTS THAT ARE ON OR ADJACENT TO THE PROPOSED WATER MAIN ALIGNMENT.
4. LOCATE ALL FIRE HYDRANTS PER P.W. STD. DWG. W-3.
5. EXISTING WATER MAIN PIPES AND APPURTENANCES TO BE ABANDONED BY CITY WATER DIVISION AFTER NEW WATER MAIN INSTALLATION IS COMPLETED, TESTED AND OPERATIONAL.
6. ALL WET-TIES TO EXISTING WATER FACILITIES SHALL BE PERFORMED BY CITY OF FRESNO FORCES.
7. WATER METER BOXES SHALL BE PLACED IN LANDSCAPE AREAS, WHENEVER POSSIBLE, PER CITY OF FRESNO STD. DWG W-1 AND W-2 OR AS CLOSE TO THE PROPERTY LINE AS FEASIBLE WHEN CURB AND GUTTER IS MISSING, TYPICAL.

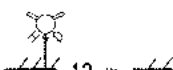
WATER MAIN LEGEND:



DUCTILE IRON PIPE
INSTALL CL 350 DUCTILE IRON PIPE PER MANUFACTURER
INSTALLATION METHODS AND ALLOWABLE JOINTS
DEFLECTION.

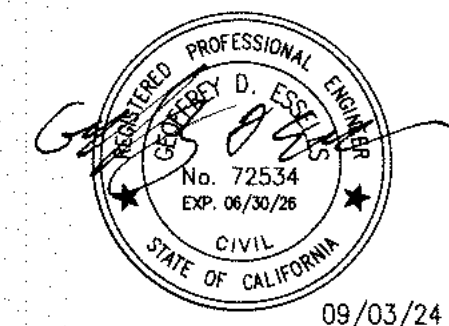
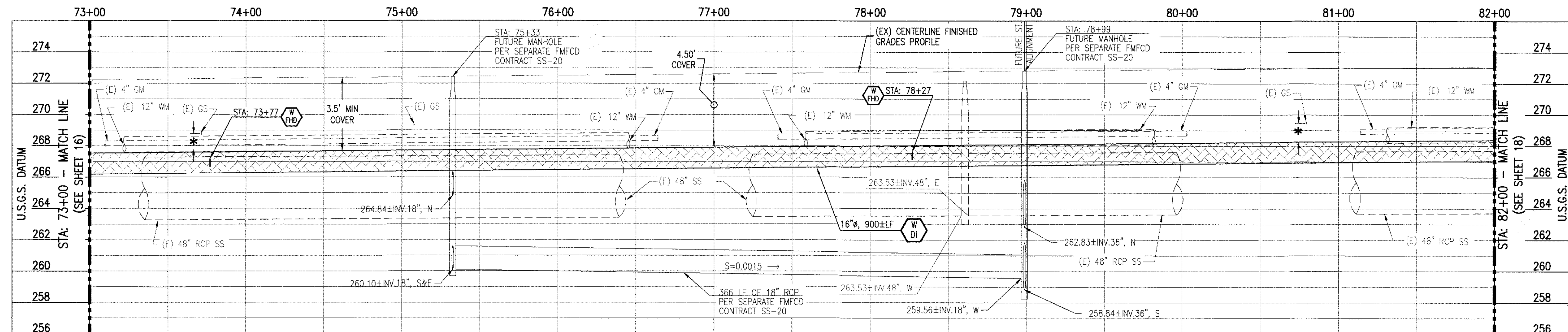
* 1' MINIMUM ODPC

MAINTAIN 1' MINIMUM OUTSIDE DIAMETER PIPE CLEARANCE
GAP BETWEEN ANY UTILITY CROSSING.



CITY OF FRESNO
COUNTY OF FRESNO CITY/COUNTY LIMIT LINE

E. JENSEN AVENUE

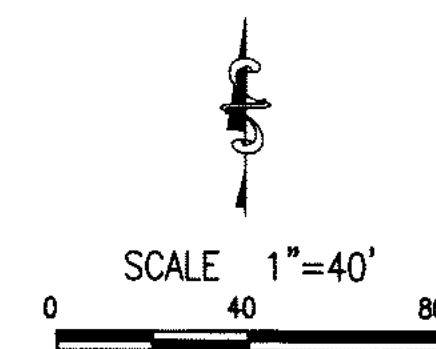


WATER MAIN CONSTRUCTION SYMBOL
AND NOTES:

 INSTALL DUCTILE IRON WATER MAIN. SIZE AND LENGTH OF PIPE AS NOTED ON PLAN.

 INSTALL (2) FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF
FRESNO STANDARD DRAWING W-23 (HYDRANT INSTALLATION WITH
DELINEATORS).

AWV ABANDON EXISTING
12" WATER VALVE
BY CITY WATER DIVISION
E: 20241001
#: 1,250

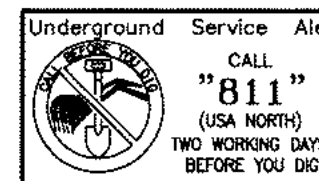


PW FILE NO.	N/A
PROJ. ID.	WC00005
FUND NO.	40101
ORG. NO.	411501

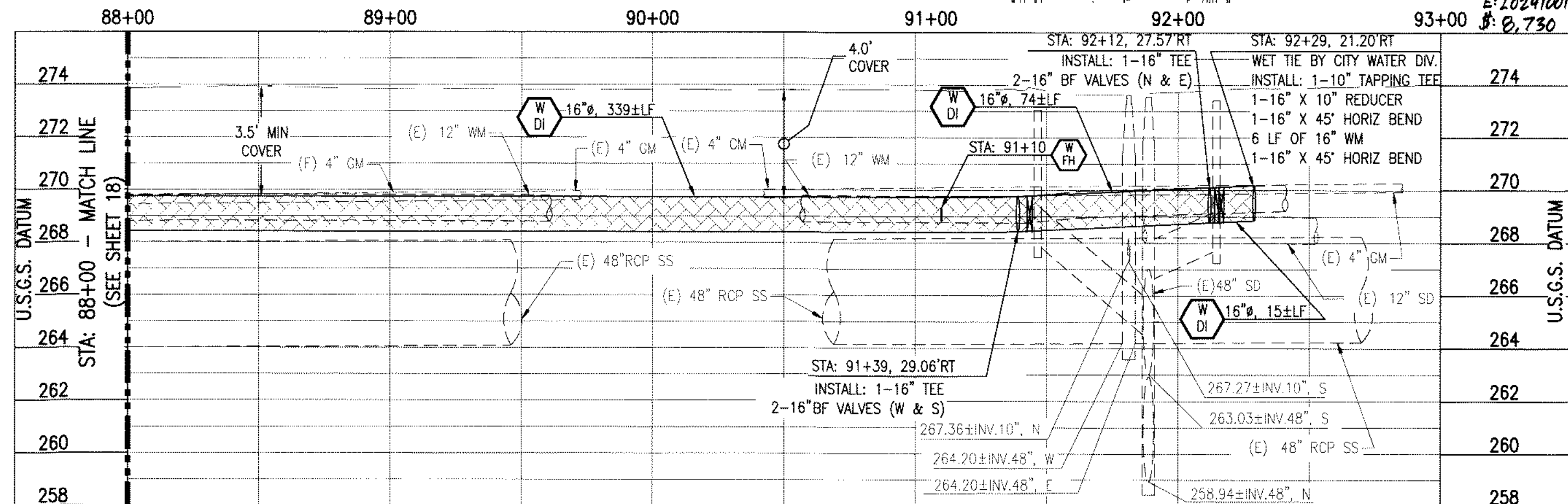
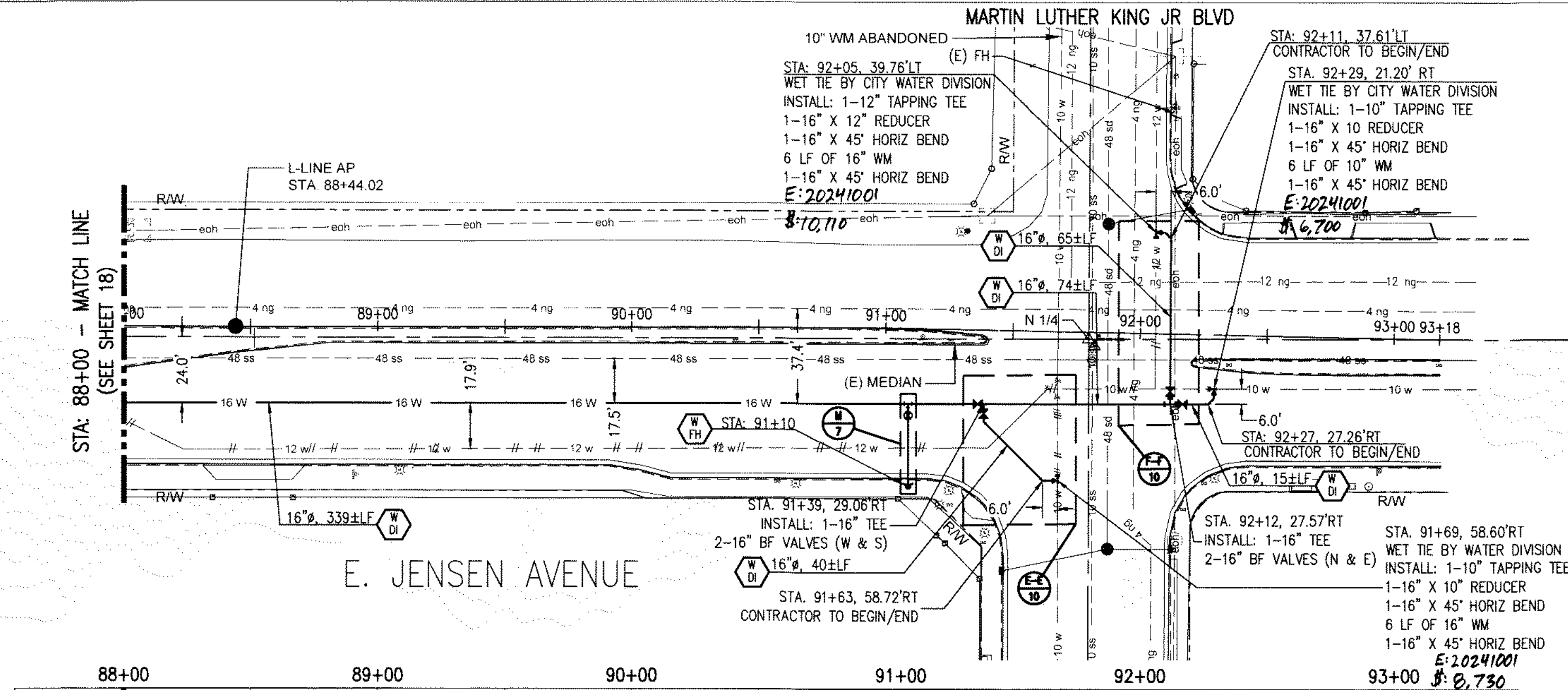
REF. & REV.
PLAT NOS. 3053 &
3054
DPU24-0009

CITY OF FRESNO	DEPARTMENT
WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.). PLAN AND PROFILE, E. JENSEN AVENUE (STA: 73+00 TO STA: 82+00)	

REVIEWED:
OFFICE ENG. ST CITY ENG. MAN
DR. BY: SG SHEET NO. 17
CH. BY: CR OF 19 SHEETS
DATE: 09/03/2024
SCALE: AS NOTED
W. J. NO. 5927



S:\02 PROJECTS\WATER\000000-5927 FRESNO, FRUIT-AVE\04 PROJECT DESIGN\02 PLANS\020005-PLAN-FRUIT-AVE P&P.dwg - Plot Date: 9-03-24 10:06:10 AM - Plot By: jessie



WATER NOTES:

1. POTHOLE ALL EXISTING UTILITIES PRIOR TO WATER MAIN PLACEMENT. MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS EXCEPT AS NOTED ON PLANS.
2. USE COUPLERS OR BENDS TO MAINTAIN 1' MINIMUM VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS.
3. REMOVE AND REPLACE IN KIND ANY STRUCTURES OR IMPROVEMENTS THAT ARE ON OR ADJACENT TO THE PROPOSED WATER MAIN ALIGNMENT.
4. LOCATE ALL FIRE HYDRANTS PER P.W. STD. DWG. W-3.
5. EXISTING WATER MAIN PIPES AND APPURTENANCES TO BE ABANDONED BY CITY WATER DIVISION AFTER NEW WATER MAIN INSTALLATION IS COMPLETED, TESTED AND OPERATIONAL.
6. ALL WET-TIES TO EXISTING WATER FACILITIES SHALL BE PERFORMED BY CITY OF FRESNO FORCES.
7. WATER METER BOXES SHALL BE PLACED IN LANDSCAPE AREAS, WHENEVER POSSIBLE, PER CITY OF FRESNO STD. DWG W-1 AND W-2 OR AS CLOSE TO PROPERTY LINE AS FEASIBLE WHEN CURB AND GUTTER IS MISSING, TYPICAL.

WATER MAIN LEGEND:

DUCTILE IRON PIPE
INSTALL CL 350 DUCTILE IRON PIPE PER MANUFACTURER INSTALLATION METHODS AND ALLOWABLE JOINTS DEFLECTION.

EXISTING WATER MAIN WITH CROSS-HATCHING SHOWN TO BE ABANDONED BY CITY OF FRESNO WATER DIVISION. EXISTING AFFECTED FIRE HYDRANT ASSEMBLY TO BE REMOVED BY CITY OF FRESNO WATER DIVISION. ANY PAVEMENT CUTS/ RESTORATION PER DETAIL ON SHEET 2.

CITY OF FRESNO
COUNTY OF FRESNO

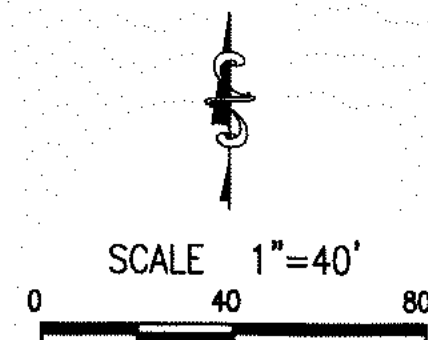
CITY/COUNTY LIMIT LINE

WATER MAIN CONSTRUCTION SYMBOL AND NOTES:

- W DI INSTALL DUCTILE IRON WATER MAIN. SIZE AND LENGTH OF PIPE AS NOTED ON PLAN.
- W FH INSTALL (1) FIRE HYDRANT ASSEMBLY, COMPLETE PER CITY OF FRESNO STANDARD DRAWING W-23.



09/03/24



PROFILE SCALE:
HORIZ.: 1"=40'
VERT.: 1"=4'

PW FILE NO. N/A
PROJ. ID. W000005
FUND NO. 40101
ORG. NO. 411501

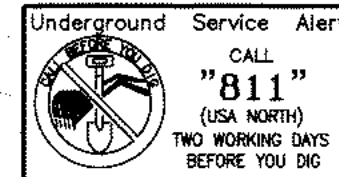
REF. & REV.
PLAT NOS. 3053 & 3054
DPU24-0009

CITY OF FRESNO

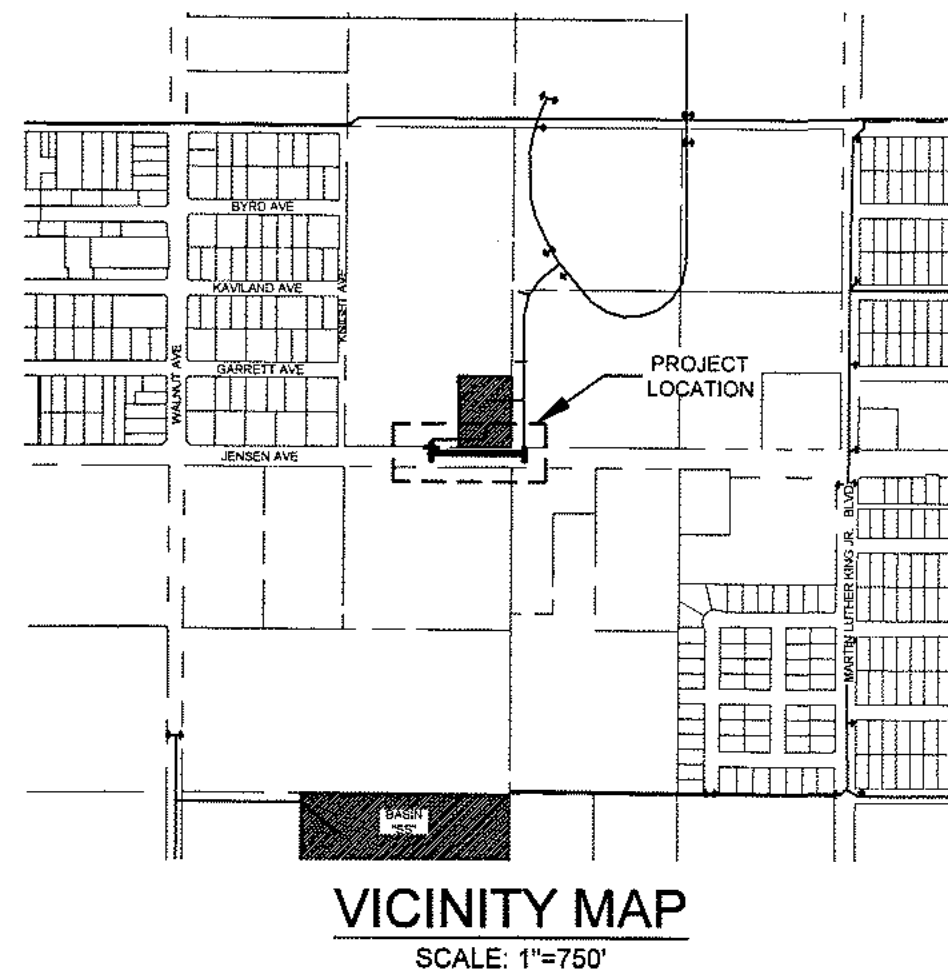
DEPARTMENT OF PUBLIC UTILITIES

WATER MAIN REPLACEMENT IN W. JENSEN AND E. JENSEN AVENUES
(BETWEEN S. FRUIT AVE. AND S. MLK JR. BLVD.)
PLAN AND PROFILE, E. JENSEN AVENUE
(STA: 88+00 TO STA: 93+00)

REVIEWED: OFFICE ENG. CITY ENG.
DR. BY: CH. BY: DATE: 09/03/2024 SCALE: AS NOTED
SHEET NO. 19 OF 19 SHEETS
W. J. NO. 5927



W000005 - J5927 WM REPLACEMENT W. JENSEN AND E. JENSEN AVENUES (S. FRUIT TO S. MLK BLVD.)



FRESNO METROPOLITAN FLOOD CONTROL DISTRICT CONSTRUCTION OF STORM DRAINAGE FACILITIES IN DRAINAGE AREA "SS" CONTRACT "SS-20"



- GENERAL NOTES:**
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH STANDARD PLANS AND SPECIFICATIONS OF THE FRESNO METROPOLITAN FLOOD CONTROL DISTRICT, DATED APRIL 1, 2011 AND REVISIONS THEREOF.
 - THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED TO PERFORM THE WORK EXCEPT THOSE WHICH MAY BE OBTAINED FOR HIM BY THE DISTRICT. THE CONTRACTOR SHALL ABIDE BY THE CONDITIONS OF ALL PERMITS AND SHALL PERFORM ALL WORK ORDERED BY SAID PERMITS IN CONFORMANCE THEREWITH AND AS DIRECTED BY THE ENGINEER.
 - 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 811 OR 1-800-227-2600.
 - THE CONTRACTOR SHALL NOTIFY THE COUNTY OF FRESNO PERMIT ENGINEER AT (559) 262-4107 A MINIMUM OF 24 HOURS PRIOR TO BEGINNING CONSTRUCTION.
 - THE CONTRACTOR SHALL NOTIFY THE CITY OF FRESNO CONSTRUCTION MANAGEMENT DIVISION AT (559) 498-1451, A MINIMUM OF 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
 - THE CITY OF FRESNO REVIEW OF FMFCD PLANS IS SOLELY TO VERIFY THAT NO LOCATIONAL CONFLICTS WILL EXIST BETWEEN CITY FACILITIES AND FMFCD FACILITIES. THE CITY OF FRESNO SIGN-OFF OF PLANS IS LIMITED TO THE FOREGOING AND NO APPROVAL OF STORM DRAIN SYSTEM DESIGN IS IMPLIED.
 - MANHOLES SHALL BE LEFT ONE FOOT BELOW GRADE UNTIL STREET CONSTRUCTION IS COMPLETED. THE STORM DRAIN CONTRACTOR SHALL RETURN AND RAISE THESE MANHOLES TO FINISH GRADE.
 - THE COUNTY OF FRESNO INSPECTOR WILL HAVE THE PRIMARY INSPECTION RESPONSIBILITY AND WILL CONDUCT DAY TO DAY INSPECTIONS. THE DISTRICT WILL ALSO MAKE INSPECTIONS FROM TIME TO TIME ON AN IRREGULAR BASIS. THE CONTRACTOR WILL NOTIFY THE COUNTY OF FRESNO, SEE NOTE 5, AND THE DISTRICT MANAGER, DWYANE FARROW, AT (559)456-3292, TWO WORKING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
 - STORM DRAIN CROSSINGS OVER/UNDER SEWER, WATER, OR RECLAIMED WATER MAINS WITH 4" OR LESS OF CLEARANCE MUST FIRST BE APPROVED BY THE LOCAL JURISDICTIONAL UTILITY OWNER. SHOULD THE UTILITY OWNER APPROVE, BACKFILL SHALL BE PLACED PER DISTRICT STANDARD DRAWING No. G-2 USING A 3 SACK CEMENT/SAND MIX. WHERE SEPARATION BETWEEN STORM DRAIN AND UTILITY EXCEEDS 4", BUT SOIL IS DISTURBED BETWEEN THE STORM DRAIN AND UTILITY, DISTRICT STANDARD DRAWING No. G-2 SHALL BE USED UP TO A SEPARATION DISTANCE THAT CAN BE COMPACTED BY HAND-OPERATED EQUIPMENT.

SPECIAL NOTE:
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.

CALIFORNIA COUNCIL OF CIVIL ENGINEERS & LAND SURVEYORS:
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.

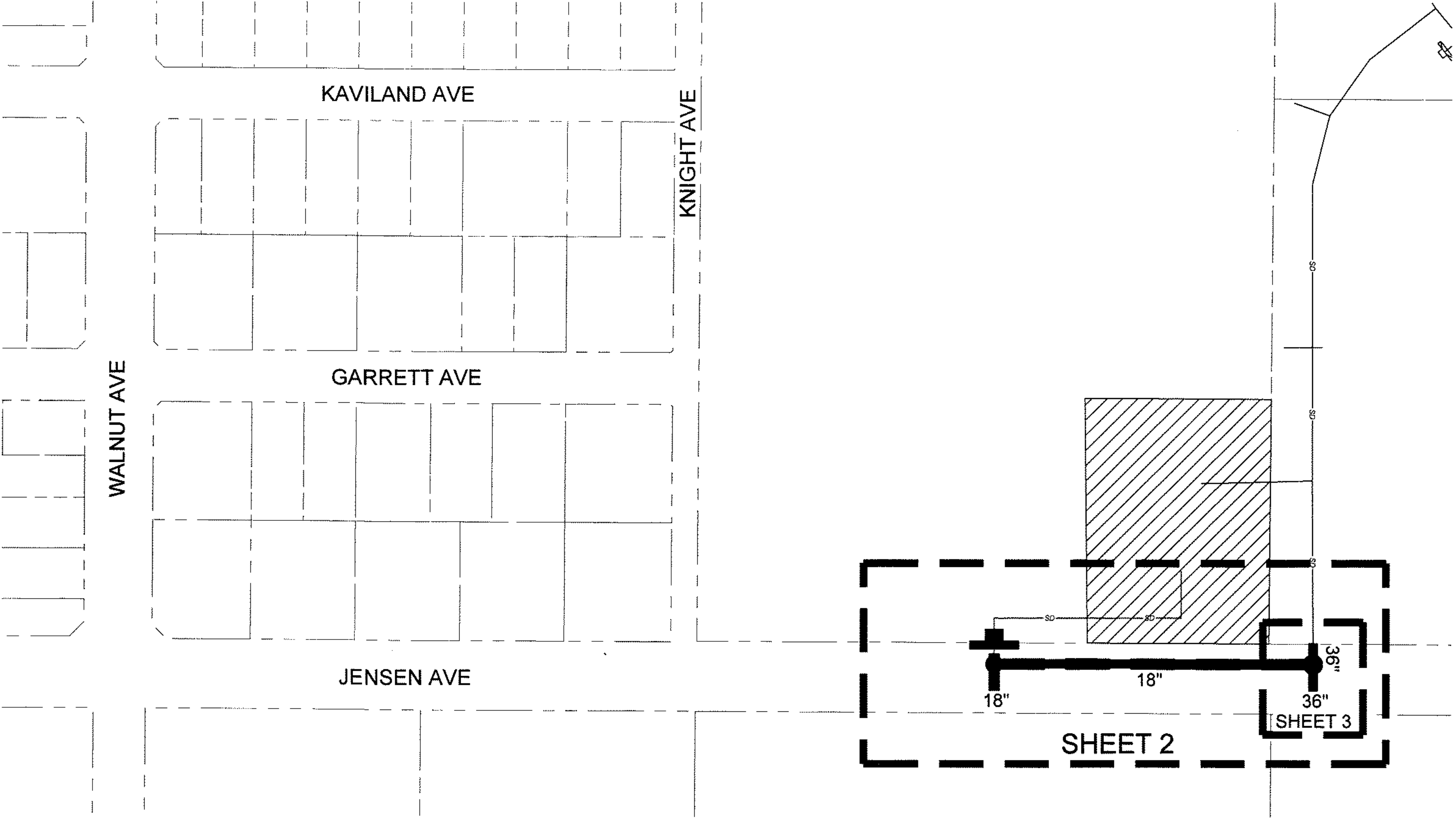
BENCH MARK:
CITY OF FRESNO BM# 736:
BRASS CAP ON A CONCRETE CURB, LOCATED AT CENTER OF THE CURB RETURN ON THE NORTHEAST CORNER OF MARTIN LUTHER KING JR. BOULEVARD AND JENSEN AVENUE.

ELEVATION= 273.556' U.S.G.S.

BASIS OF BEARINGS:
THE NORTH LINE OF THE NORTHEAST OF QUARTER OF SECTION 20, TOWNSHIP 14 SOUTH, RANGE 20 EAST, M.D.B.&M., BEARS N89°52'58"E PER MAP FILED IN BOOK 50 OF RECORD OF SURVEYS, AT PAGE 84, PER FRESNO COUNTY RECORDS.

TABLE OF CONTENTS		
DWG. NO.	TITLE	SHEET NO.
SS-20-1	LOCATION & TITLE SHEET	1
SS-20-2	PLAN & PROFILE	2
SS-20-3	PLAN & PROFILE / DETAILS	3

NOTE: SEPARATE SPECIAL PROVISIONS ARE PART OF THE PLAN DOCUMENTS.



- CONSTRUCTION LEGEND**
- PUBLIC RIGHT OF WAY LINE
 - PROPERTY LINE
 - CHAIN LINK FENCE
 - ORNAMENTAL METAL FENCE
 - MASONRY BLOCK FENCE/RET. WALL
 - RAILROAD TRACKS
 - EDGE OF PAVEMENT
 - STREET CENTERLINE
 - STORM DRAIN
 - SEWER LINE
 - WATER LINE
 - IRRIGATION LINE
 - GAS LINE
 - ELECTRIC UNDERGROUND LINE
 - OVERHEAD ELECTRIC LINE
 - TELEPHONE UNDERGROUND LINE
 - FIBER OPTIC LINE
 - TRAFFIC SIGNAL LINE
 - UNDERGROUND DUCT
 - FUTURE FACILITY (S.D., IRR., ETC.)
 - CONCRETE PIPE (OPT. CIPCP OR RCP)
 - REINFORCED CONCRETE PIPE
 - PVC/CMP/HDPE (AS APPLIC.)
 - JACKING PIPE
 - PIPE PROFILE VIEW (PROPOSED)
 - PIPE PROFILE VIEW (EXISTING)
 - EXISTING DRAIN INLET
 - PROPOSED STORM DRAIN INLET
 - TEMPORARY S.D. INLET
 - EXISTING STORM DRAIN MANHOLE
 - PROPOSED STORM DRAIN MANHOLE
 - EXISTING STORM DRAIN OUTFALL
 - PROPOSED STORM DRAIN OUTFALL
 - SEWER MANHOLE
 - WATER VALVE
 - UTILITY VAULT
 - POWER / UTILITY POLE
 - POWER POLE ANCHOR
 - STREET LIGHT
 - DRAINAGE DIRECTION
 - EXISTING SURFACE ELEVATION
 - PROPOSED SURFACE ELEVATION
 - GRATE ELEVATION
 - TOP OF STRUCTURE ELEVATION
 - FLOWLINE ELEVATION
 - TOP OF CURB ELEVATION

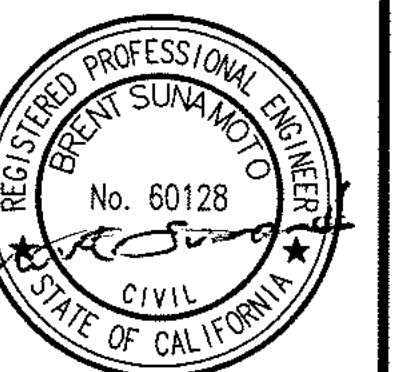
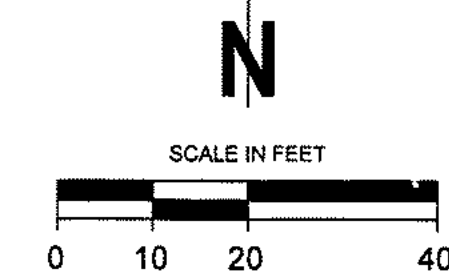


DATE SIGNED: 11-14-24

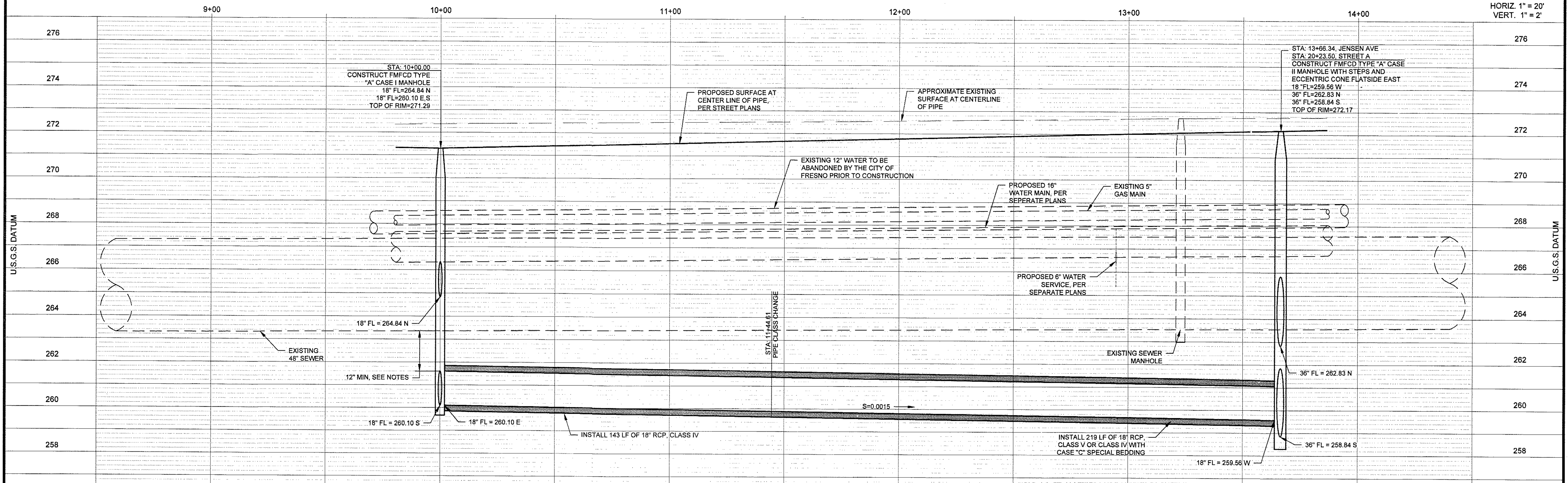
FMFCD INSPECTION FEE: \$0.00
(NOTE: ALL FEES TO BE PAID BY CONTRACTOR)

APPROVED:	DATE: 11-15-24
PETER SANCHEZ F.M.F.C.D. GENERAL MANAGER-SECRETARY	
APPROVED:	DATE: 11-14-24
BRENT SUNAMOTO RCE 60128 F.M.F.C.D. DISTRICT ENGINEER-ASSISTANT GENERAL MANAGER	
APPROVED:	DATE: 11-15-24
CITY OF FRESNO CITY ENGINEER	

1. ALIGNMENT STATIONING ALONG STORM DRAIN PIPE CENTERLINE.
2. ALL TRENCHES 4' & GREATER IN WIDTH SHALL MATCH EXISTING STREET STRUCTURAL SECTION.
3. STORM DRAIN CROSSINGS UNDER 48" SEWER SHALL BE BACKFILLED WITH 2-SACK SAND CEMENT SLURRY FROM SPRINGLINE TO SPRINGLINE UNLESS DIRECTED OTHERWISE BY THE INSPECTOR.
4. AS A FIRST ORDER OF WORK, THE CONTRACTOR SHALL POTHOLE ALL CONNECTIONS TO VERIFY ALIGNMENTS AND FLOWLINES AND REPORT ALL FINDINGS TO THE ENGINEER.



PROFILE SCALE:
HORIZ. 1" = 20'
VERT. 1" = 2'



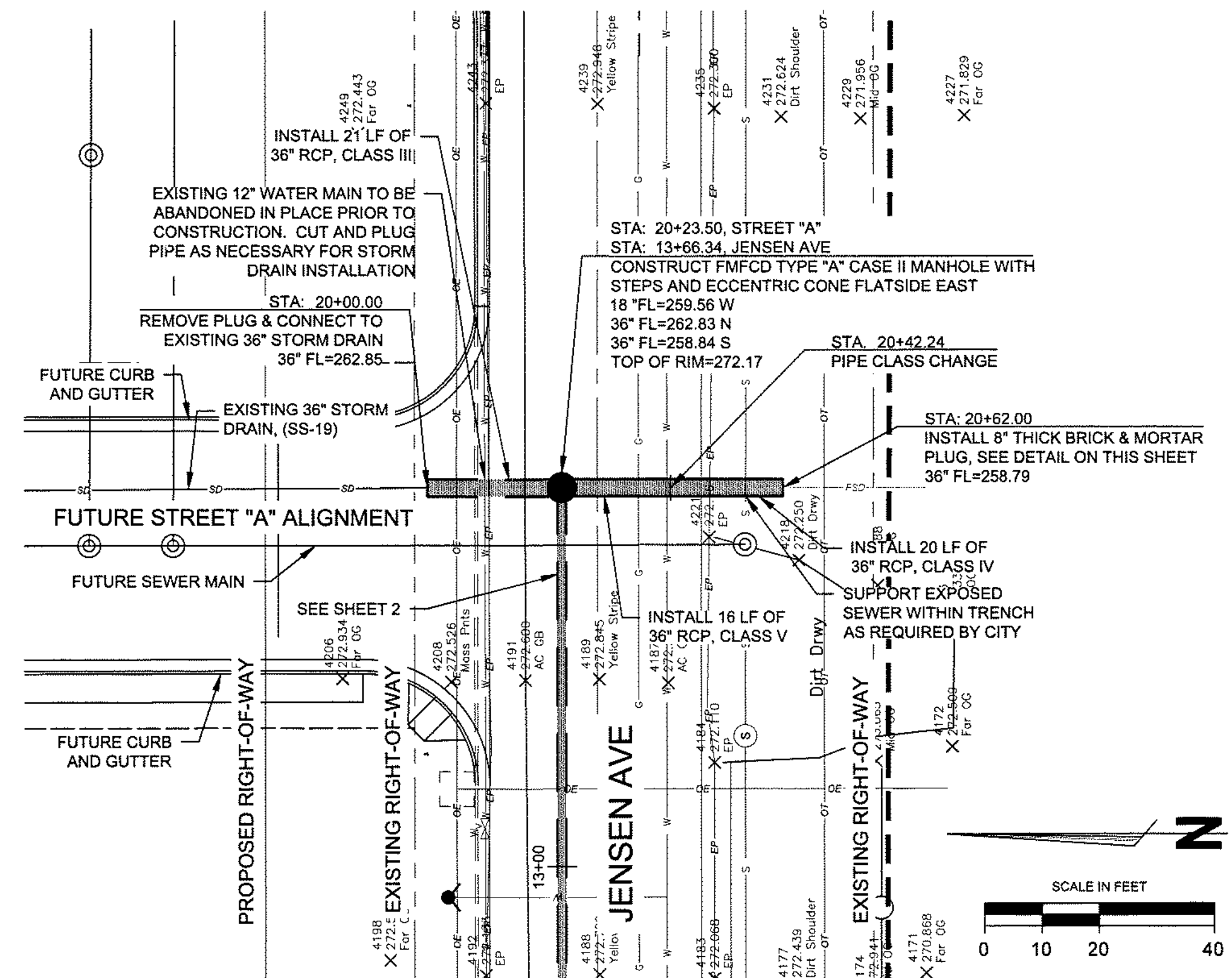
DRAWING No.
S-20-2



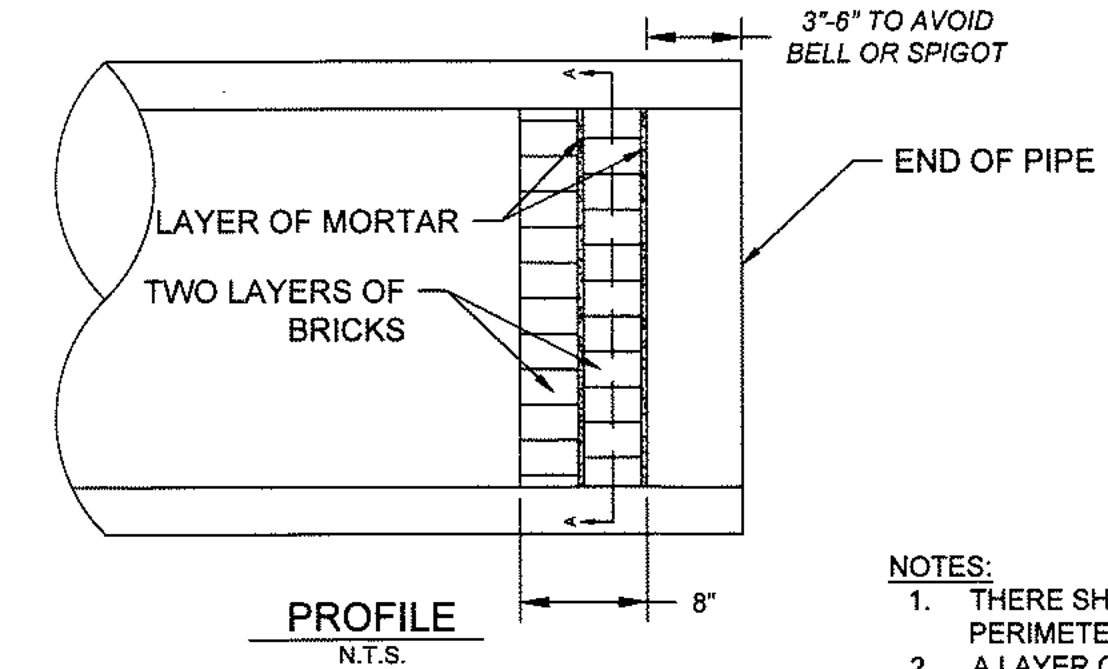
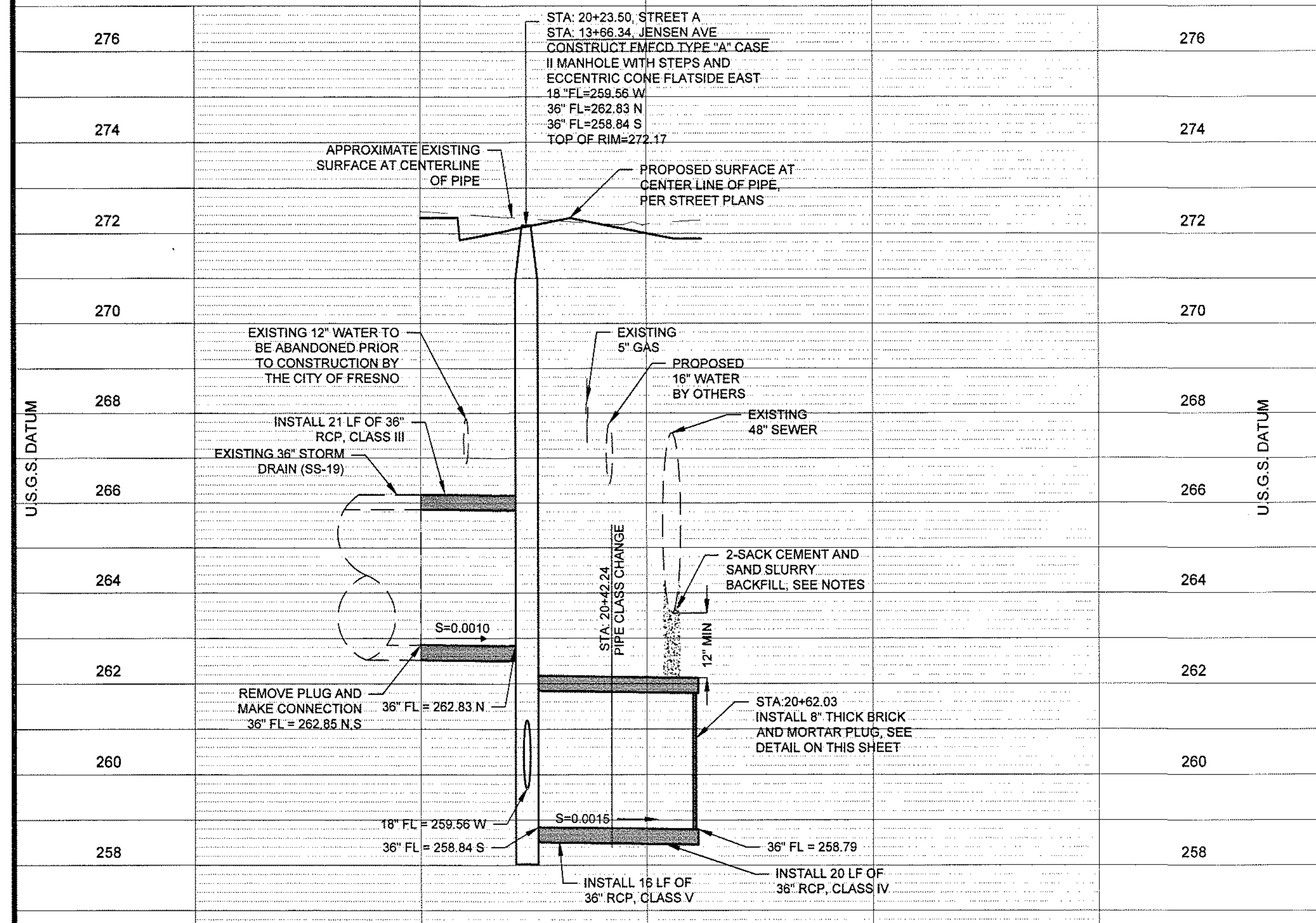
Know what's below.
Call before you dig.

NOTES

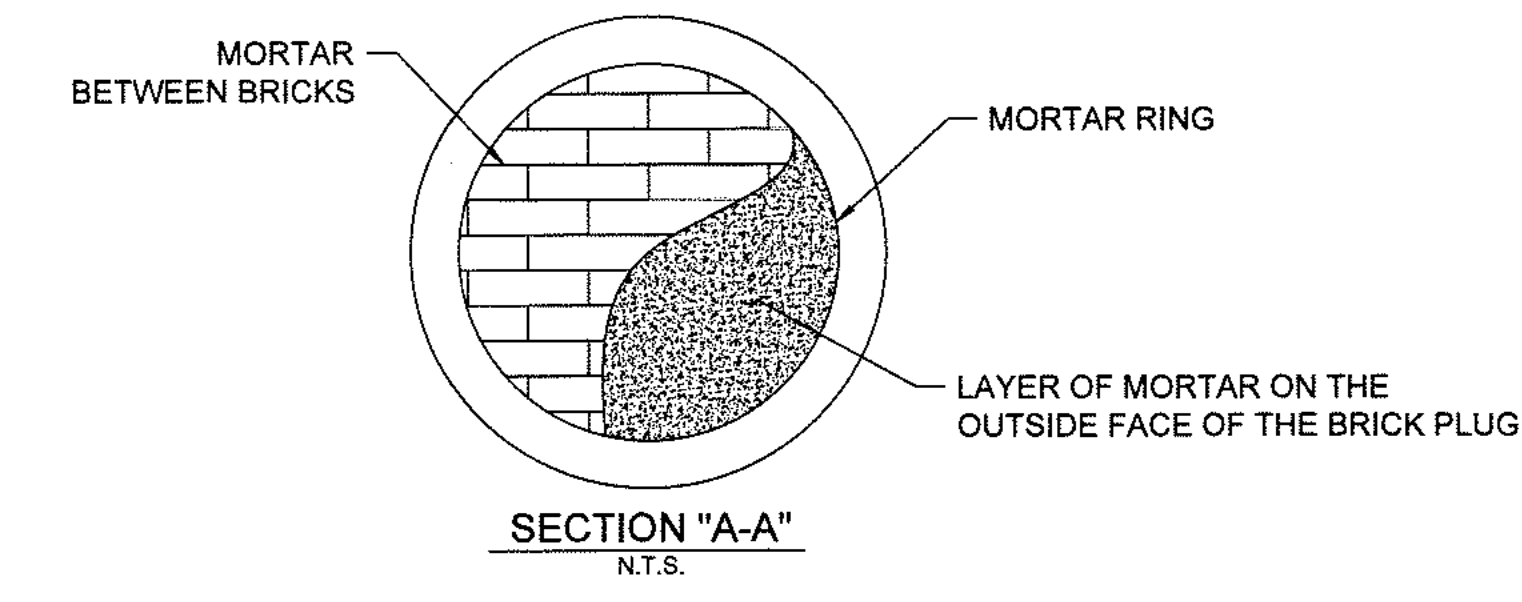
1. ALIGNMENT STATIONING ALONG STORM DRAIN PIPE CENTERLINE.
2. ALL TRENCHES 4' & GREATER IN WIDTH SHALL MATCH EXISTING STREET STRUCTURAL SECTION.
3. STORM DRAIN CROSSINGS UNDER 48" SEWER SHALL BE BACKFILLED WITH 2-SACK SAND CEMENT SLURRY FROM SPRINGLINE TO SPRINGLINE UNLESS DIRECTED OTHERWISE BY THE INSPECTOR.
4. AS A FIRST ORDER OF WORK, THE CONTRACTOR SHALL POTHOLE ALL CONNECTIONS TO VERIFY ALIGNMENTS AND FLOWLINES AND REPORT ALL FINDINGS TO THE ENGINEER.



PROFILE SCALE:
HORIZ. 1" = 20'
VERT. 1" = 2'



BRICK AND MORTAR PLUG



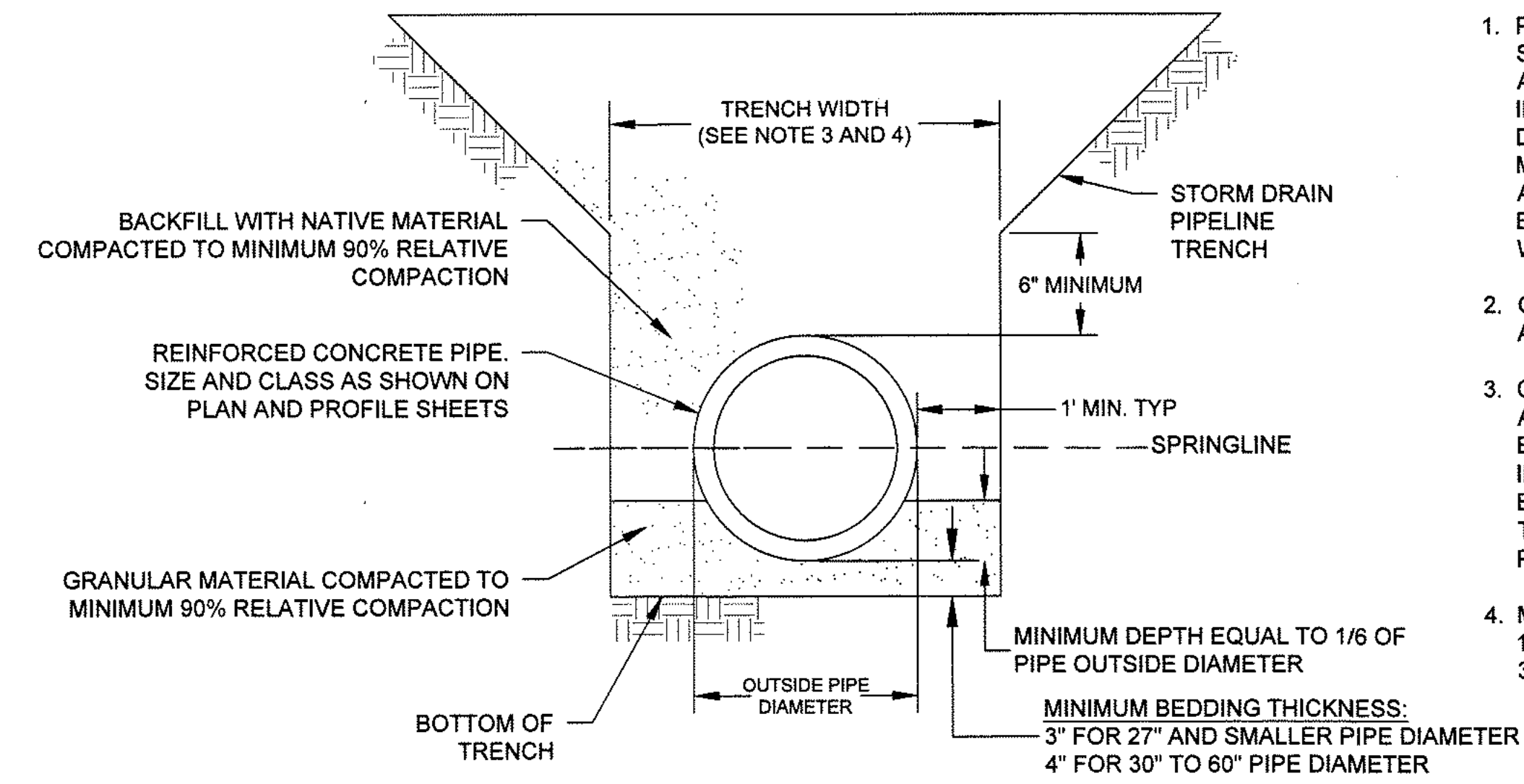
BRICK & MORTAR PLUG DETAIL
NOT TO SCALE

NOTES:

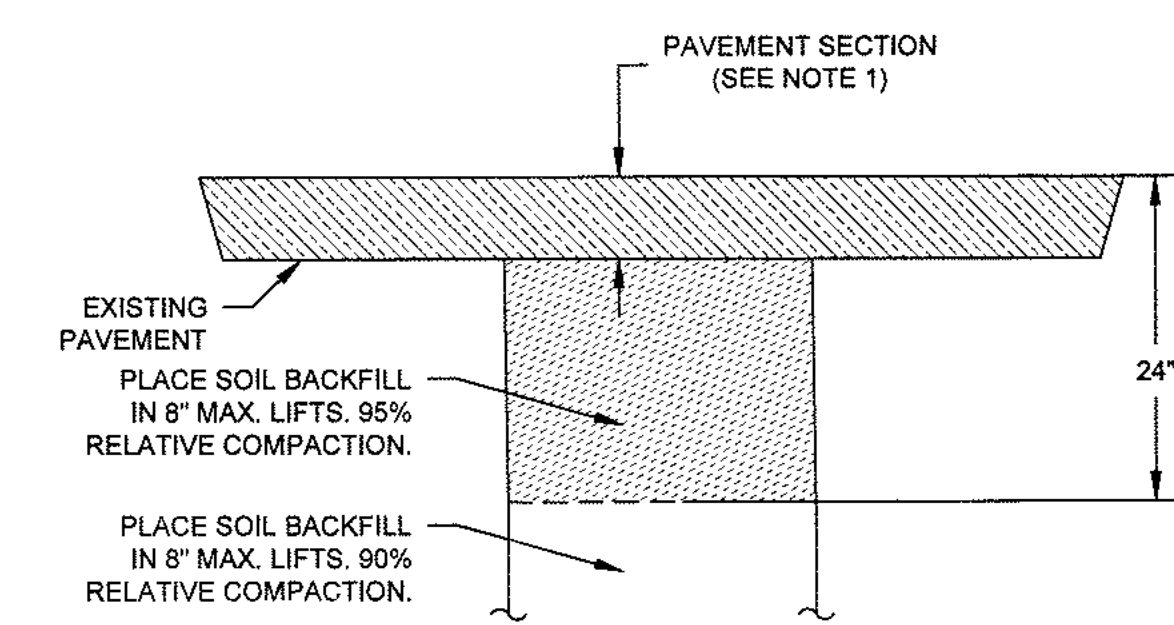
1. THERE SHALL BE A MORTAR RING ALONG THE INSIDE PERIMETER OF THE PIPE TO BOND THE PLUG TO THE PIPE.
2. A LAYER OF MORTAR SHALL BE PLACED IN BETWEEN THE TWO LAYERS OF BRICKS AND ON THE OUTSIDE FACE OF THE BRICK PLUG.
3. 36\"/>

TRENCH BEDDING NOTES:

1. PIPE INSTALLATIONS ARE TO EMPLOY TRENCH SHORING AND/OR SLOPING IN ACCORDANCE WITH ALL APPLICABLE SAFETY STANDARDS. TYPICAL INSTALLATIONS SHOWN DO NOT NECESSARILY DEPICT COMPLIANCE WITH SAID STANDARDS IN AS MUCH AS SPECIAL CONSTRUCTION METHODS (SUCH AS SHIELDS, TRENCH BOXES, ETC.) MIGHT BE EMPLOYED BY THE CONTRACTOR IN ACCORDANCE WITH SAID STANDARDS.
2. GRANULAR BEDDING SHALL BE A SAND BEDDING AS APPROVED BY THE ENGINEER.
3. CONTRACTOR WILL BE REQUIRED TO CONFORM TO AND CONSTRUCT SPECIAL BEDDING, ABOVE AND BEYOND WHAT IS SHOWN IN THIS DETAIL AND/OR INSTALL PIPE OF A HIGHER CLASS, AS DETERMINED BY THE ENGINEER, WHERE THE ACTUAL WIDTH OF TRENCH EXCEEDS THAT SPECIFIED ON THESE PLANS.
4. MAXIMUM TRENCH WIDTHS:
18\"/>



CASE "C" SPECIAL BEDDING DETAIL
NOT TO SCALE



TRENCH BACKFILL & RESURFACING DETAIL
NOT TO SCALE

TRENCH NOTES:

1. PAVEMENT SECTION TO BE CONSTRUCTED BY COUNTY OF FRESNO. REFER TO STREET PLANS.
2. TRENCH WIDTH VARIES. WHEN TRENCH WIDTH IS LESS THAN 4' WITHIN THE CITY OF FRESNO, REFER TO CITY OF FRESNO STANDARD DRAWING P-48 (SECTION A) AND CITY SPECIFICATIONS.
3. TRENCH CONFIGURATIONS DO NOT NECESSARILY REPRESENT THE ACTUAL CONDITIONS TO BE ENCOUNTERED DURING CONSTRUCTION.



DATE SIGNED: 11-14-24