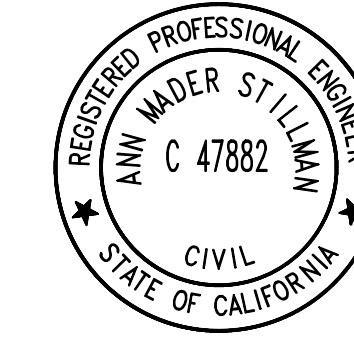


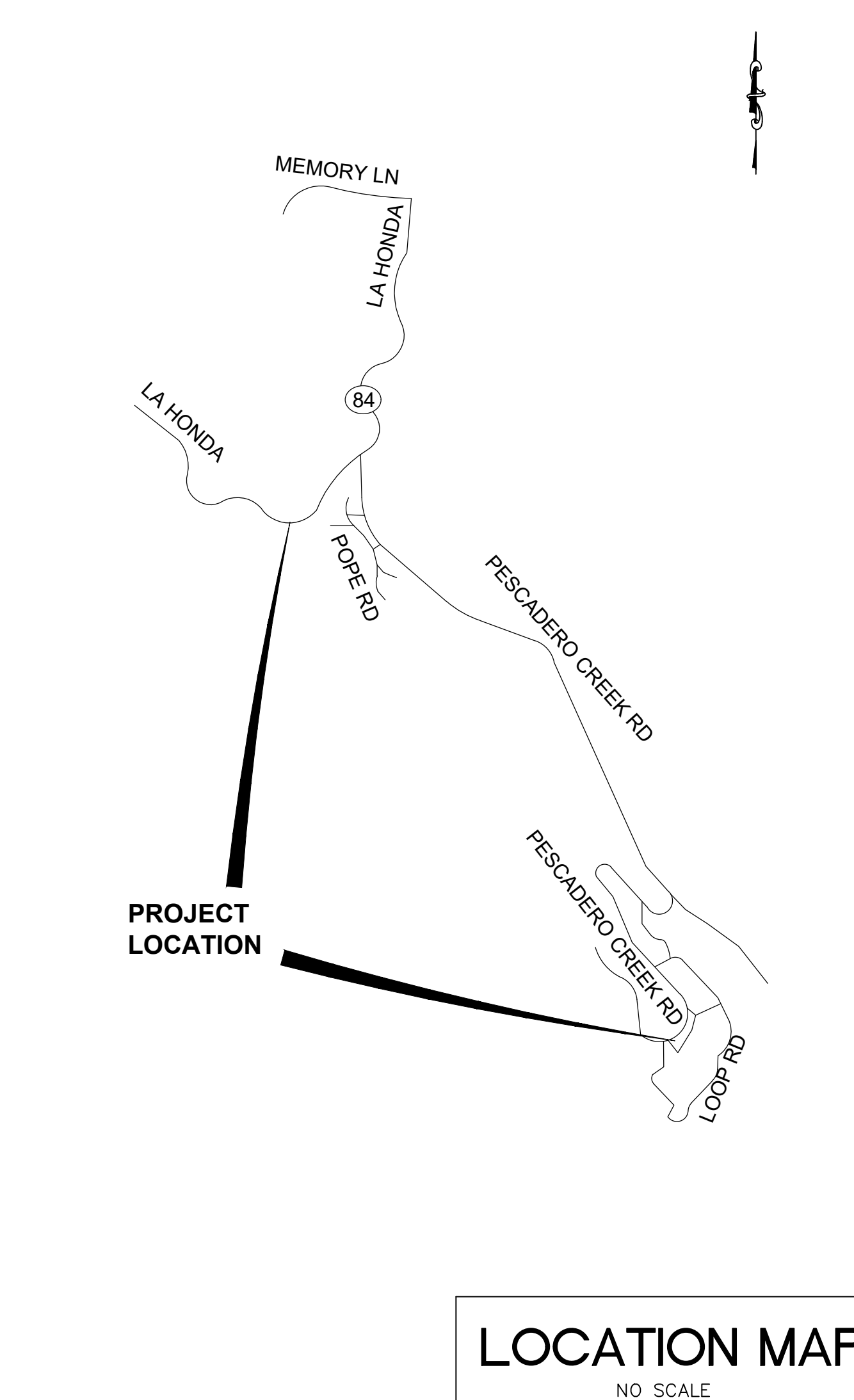
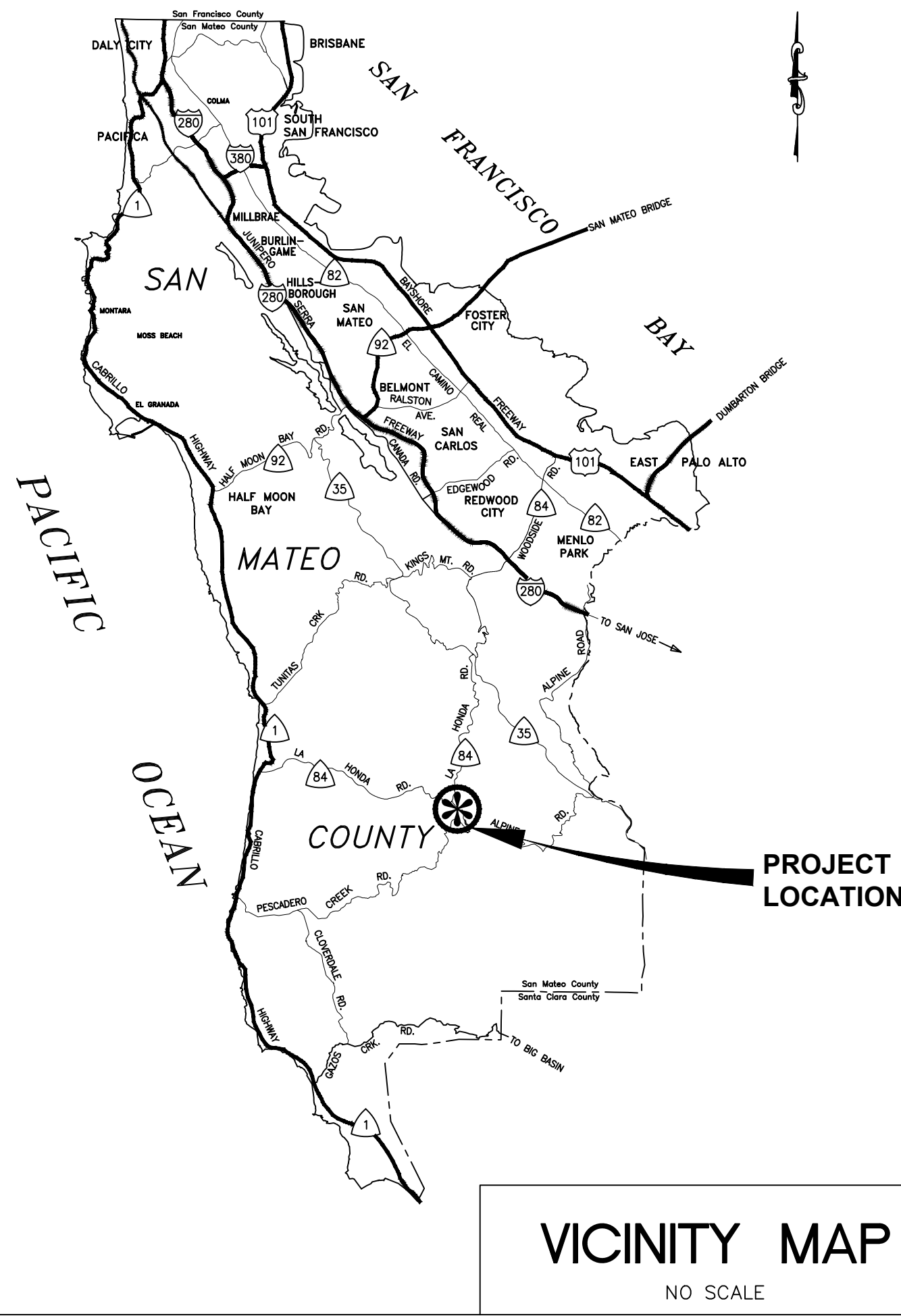
COUNTY OF SAN MATEO CALIFORNIA



APPROVED:
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882

COUNTY SERVICE AREA NO. 7 (CSA 7) WATER SYSTEM DISTRIBUTION PIPELINE IMPROVEMENT PROJECT COUNTY PROJECT NO. PC021 AND FILE NO. E5032000 VOLUME 2

TO BE SUPPLEMENTED BY STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS
DATED MAY 2018 AND ADOPTED BY SAN MATEO COUNTY, FEBRUARY 11, 2020, BY RESOLUTION NO. 077227



ABBREVIATIONS:

| | |
|-------------|--------------------------------|
| AB (CL.2) | AGGREGATE BASE (CLASS 2) |
| Abn | ABANDON |
| AC | ASPHALT CONCRETE |
| AC (TYPE B) | ASPHALT CONCRETE (TYPE B) |
| ACP | ASBESTOS CONCRETE PIPE |
| AGG | AGGREGATE |
| AV | AVENUE |
| BC | BACK OF CURB |
| BLB BOX | BUBBLE-UP BOX |
| BW | BACK OF WALK |
| CATV | CABLE TV |
| CONC | CONCRETE |
| C & G | CURB AND GUTTER |
| CL | CENTERLINE |
| CTN | CEMENT TREATED NATIVE |
| D | AVERAGE WIDTH OF DRIVEWAY RAMP |
| DI | DRAINAGE INLET, DROP INLET |
| DIP | DUCTILE IRON PIPE |
| D/W | DRIVEWAY |
| ELE | ELEVATION |
| ETW | EDGE OF TRAVEL WAY |
| EP | EDGE OF PAVEMENT |
| EX, EXIST | EXISTING |
| FD | FOUND |
| FG | FINISHED GROUND |
| FH | FIRE HYDRANT |
| FL | FLOW LINE |
| G | GAS LINE |
| GB | GRADE BREAK |
| GV | GAS VALVE |
| ID | INSIDE DIAMETER |
| INV | INVERT |
| JF | JOINT UTILITY POLE |
| LG, LIP | LIP OF GUTTER |
| LT, L | LEFT |
| LH | SANITARY SEWER LAMPHOLE |
| MAX | MAXIMUM |
| MB | MAILBOX |
| MB (#) | MAILBOXES (QUANTITY) |
| MIN | MINIMUM |
| MPH | MILES PER HOUR |
| N/S | NAIL & SHINER |
| O.G. | ORIGINAL GROUND, ON GRADE |
| PBMH | SBC/PAC BELL MANHOLE |
| PC | PORLAND CONCRETE CEMENT |
| PK | PARKER-KALON NAIL |
| PNT | POINT |
| PR | PROPOSED |
| PVC | POLYVINYL CHLORIDE PIPE |
| PVI | POINT OF VERTICAL INFLECTION |
| RC | REINFORCED CONCRETE PIPE |
| RT, R | RIGHT |
| R/W, ROW | RIGHT OF WAY |
| S | SLOPE |
| SD | STORM DRAIN |
| SDMH | STORM DRAIN MANHOLE |
| SHT | SHEET |
| SS | SANITARY SEWER |
| SSCO | SANITARY SEWER CLEANOUT |
| SSFI | SANITARY SEWER FLUSHING INLET |
| SSMH | SANITARY SEWER MANHOLE |
| STA | STATION |
| T | TELEPHONE |
| TB | TOP OF BANK |
| TC | TOP OF CURB |
| TD | TOP OF DIKE |
| TG | TOP OF GRATE |
| TS | TOP OF SIDEWALK |
| TYP | TYPICAL |
| UD | UNDER DRAIN |
| UND | UNDERGROUND |
| UNK | UNKNOWN |
| VCP | VITRIFIED CLAY PIPE |
| VG | VALLEY GUTTER |
| WM | WATER METER |
| WM (#) | WATER METERS (QUANTITY) |
| WV | WATER VALVE |
| WV (#) | WATER VALVES (QUANTITY) |
| WW | WALKWAY |
| Ø | DIAMETER |

LEGEND:

| | |
|--|---------------------------------------|
| | STORM DRAIN LINE (EX) |
| | STORM DRAIN LINE (EX) PROFILE |
| | SANITARY SEWER LINE "ACTIVE" |
| | SANITARY SEWER LINE "ACTIVE" PROFILE |
| | WATER LINE "ACTIVE" |
| | PROPOSED WATER LINE |
| | PROPOSED RAW WATER LINE |
| | WATER LINE "ACTIVE" PROFILE |
| | ACP WATER LINE (Abn) |
| | ACP WATER LINE (Abn) PROFILE |
| | GAS LINE (Abn) |
| | GAS LINE (Abn) PROFILE |
| | GAS LINE "ACTIVE" |
| | GAS LINE "ACTIVE" PROFILE |
| | JOINT COMMUNICATION LINE (EX) |
| | JOINT COMMUNICATION LINE (EX) PROFILE |
| | TELEPHONE OVERHEAD |
| | ELECTRICAL OVERHEAD |
| | ELECTRICAL UNDERGROUND |
| | CABLE OVERHEAD |
| | PROPERTY LINE |
| | CALTRANS R/W |
| | COUNTY R/W |

| | |
|--|---|
| | NATIVE BACKFILL |
| | CLASS 2 AGGREGATE BASE - AB (CL. 2) (GRAVEL) |
| | CLASS 3 CONCRETE |
| | MISCELLANEOUS ASPHALT CONCRETE |
| | DEEP LIFT AREAS (0.50' DEEP ASPHALT CONCRETE) |
| | ROCK SWALE AND FRENCH DRAIN |
| | ENVIRONMENTAL SENSITIVE AREA |

LEGEND:

| | |
|--|--|
| | FIRE HYDRANT |
| | FIRE HYDRANT MARKERS |
| | MAILBOX |
| | SIGN |
| | MONUMENT |
| | BENCHMARK |
| | DRIVEWAY NUMBER |
| | HOUSE NUMBER ADDRESS |
| | DETAIL NUMBER AND SHEET |
| | EXISTING TREE |
| | FENCE / WALL |
| | CLASS 1 FLEXIBLE OBJECT MARKER |
| | NAIL AND WASHER |
| | (xxx.xx) = EXISTING ELEVATION xxx.xx = PROPOSED ELEVATION |
| | +0.00 = STATION (00.00) 00.00 = (EXIST ELE) PR ELE AT LIP OF GUTTER |
| | WATER METER |
| | WATER VALVE |
| | GAS VALVE |
| | JOINT UTILITY POLE |
| | TELEPHONE POLE |
| | GUY WIRE ANCHOR |
| | SANITARY SEWER MANHOLE |
| | SANITARY SEWER CLEANOUT |
| | SANITARY SEWER FLUSHING INLET |
| | STORM DRAIN MANHOLE |
| | UNDERDRAIN |
| | BUBBLE-UP BOX |
| | UNKNOWN MANHOLE |

NOTES:

- CONTRACTOR SHALL CONFINE THEIR OPERATIONS AND ACTIVITIES WITHIN THE PROJECT LIMITS, CONSISTING OF ROAD RIGHT-OF-WAY, RIGHTS OF ENTRY AND/OR PROJECT CONFORMS, AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
- CONTINUOUS DUST CONTROL SHALL BE PROVIDED AS REQUIRED BY SECTION 17 OF THE SPECIAL PROVISIONS AND AS DIRECTED BY THE ENGINEER.
- LOCATIONS AND DEPTHS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY BASED ON AVAILABLE INFORMATION PROVIDED BY UTILITY COMPANIES. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE UTILITIES TO DETERMINE EXACT LOCATIONS AND DEPTHS. CONTRACTOR SHALL CALL USA NORTH 811 (USA) UNDERGROUND SERVICE ALERT A MINIMUM OF FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY EXCAVATION OR TRENCHING WORK. USA MAY BE CONTACTED EITHER ON-LINE AT USANORTH811.ORG OR BY PHONE BY DIALING (800) 227-2600 OR 811. WHEN CALLING, BE PREPARED TO GIVE LOCATION AND NATURE OF WORK, START DATE, COMPANY NAME, ADDRESS AND TELEPHONE NUMBER.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL POTHOLE AND VERIFY LOCATION AND DEPTH OF EXISTING UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES. CONTRACTOR SHALL USE POSITIVE LOCATION METHODS PER SPECIFICATION SECTION 19-5. POTHOLING SHALL INCLUDE AT MINIMUM ALL UTILITIES IDENTIFIED THROUGH USA PIPELINE, ALL CONNECTING POINTS AND ALL UTILITIES IDENTIFIED THROUGH USA NORTH (811) AS CROSSING OR WITHIN TWO FEET HORIZONTALLY OF THE PROPOSED ALIGNMENT.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF THE DISCOVERY OF ANY UTILITY THAT WAS OMITTED FROM THE PLANS, INCORRECTLY SHOWN OR NOT PROPERLY MARKED. IF THE UTILITY DOES NOT PROVIDE LOCATION INFORMATION OR MARKING SERVICES IN THE FIELD, CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- PLANS MAY NOT SHOW ALL EXISTING WATER, GAS OR SANITARY SEWER LATERALS. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION AND PRESERVATION OF ALL SUCH FACILITIES WHICH ARE NOT TO BE RELOCATED.
- CONTRACTOR IS ADVISED THAT EXCAVATION MAY CONFLICT WITH SANITARY SEWER LATERALS, GAS LINES, WATER LINES AND OTHER UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- DRIVEWAY OPENINGS AND CONFORM LOCATIONS SHOWN ARE APPROXIMATE ONLY. EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. SURFACED SHOULDER CONFORM LIMITS ARE AS INDICATED AT 3 FEET FROM OUTSIDE EDGE OF THE GUTTER, UNLESS DIRECTED OTHERWISE BY THE ENGINEER OR OTHERWISE NOTED ON THE PLANS.
- NO TREES, VEGETATION OR IMPROVEMENTS (INCLUDING FENCES) SHALL BE REMOVED WITHOUT THE PRIOR WRITTEN CONSENT AND APPROVAL OF THE ENGINEER. VEGETATION AND IMPROVEMENTS WHICH ARE DESIGNATED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. REFER TO PROJECT SPECIAL PROVISIONS SECTION 16 REGARDING REQUIREMENTS FOR ADVANCE NOTIFICATION OF PROPERTY OWNERS.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO SECTION 5 OF THE STANDARD SPECIFICATIONS, THE SURVEY, AND ASSOCIATED STAKING SHALL BE IN CONFORMANCE WITH SECTION 100-6 SURVEYS, CONSTRUCTION STAKING AND LAYOUT OF THE SPECIAL PROVISIONS.
- WHEN DIRECTED BY THE ENGINEER, CUT AND FILL SLOPE RATIOS SHALL BE VARIED TO AVOID TREES OR OTHER EXISTING IMPROVEMENTS.
- CONTRACTOR SHALL EXERCISE CARE WHEN EXCAVATING NEAR TREES AND ROOTS OF TREES TO REMAIN. SEE SECTION 19 OF THE SPECIAL PROVISIONS.
- ANY DAMAGE, AS A RESULT OF THE CONTRACTOR'S OPERATION, TO PAVEMENT AND BASE MATERIAL THAT IS TO REMAIN SHALL BE REPAIRED, OR REMOVED AND REPLACED WITH SAME TYPE OF MATERIAL OR APPROVED EQUAL, AS DIRECTED BY THE ENGINEER, AND AT THE SOLE EXPENSE OF THE CONTRACTOR. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE ADEQUACY OF THE COMPLETED REMEDIAL WORK.
- CONTRACTOR'S ATTENTION IS DIRECTED TO THE CONSTRUCTION CENTERLINE ALIGNMENTS LISTED BELOW:
"WTP TP MEMORY LN-CL" LINE - PESCADERO CREEK RD (WTP TP PESADERO CREEK RD/LA HONDA TO MEMORY LN)
"SR-84 WEST-CL" LINE - LA HONDA RD (SR-84)
"LA HONDA RD (SR-84) TO INTERSECTION OF PESCADERO CREEK RD"
"P-CL" LINE - POPE RD
(BETWEEN PESCADERO CREEK RD AND LA HONDA RD)
- CONTRACTOR SHALL SEE APPENDIX G FOR ENVIRONMENTAL DUE DILIGENCE TECHNICAL MEMORANDUM, CONSTRUCTION BMPs AND WILDLIFE PROTECTION.

BASE BID PROJECT LENGTH:
APPROXIMATELY 2.1 MILES

FIELD BOOK:
N/A (ELECTRONIC DOWNLOADS)

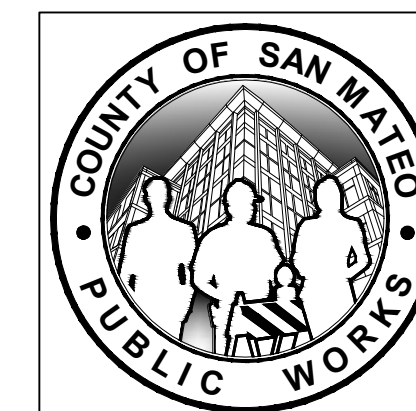
BENCHMARKS:
VERTICAL DATUM: NAVD88 BASED ON BENCHMARKS
"HPGN D CA 04 DH" ELEVATION = 1137 FT AND
"HPGN D CA 04 DG" ELEVATION = 151 FT

BASIS OF BEARINGS:
CALIFORNIA STATE PLANE COORDINATE SYSTEM, ZONE 3,
NAD83(2010.00 CA HPGN; MEAN COMBINATION FACTOR (CF):
0.99993519; DISTANCES SHOWN HEREON ARE GROUND DISTANCES; TO
CONVERT GROUND DISTANCES TO GRID DISTANCES, MULTIPLY BY THE
CF; TO CONVERT TO GROUND DISTANCES, DIVIDE BY THE CF.

APPLICABLE STANDARD PLANS:
A20A, A20B, P76

REFERENCE DWG:
SAN MATEO COUNTY ENGINEERING DRAWINGS: 1-1839-001 THROUGH
004; PESCADERO CREEK ROAD, COUNTY ROAD NO. 35, PAGES
24-26; 1-257-001 THROUGH 005; 1-1744-001 THROUGH 005;
1-1839-001 THROUGH 004; 1-2189-003 THROUGH 004; LA
HONDA AND VICINITY ROW.

SHEET INDEX:
G-1 COVER SHEET
G-2 TO G-4 GENERAL SHEETS
G-5 PROJECT OVERVIEW AND KEY MAP
G-6 PROJECT CONSTRUCTION BMPs
C-1 TO C-23 PLAN AND PROFILE - WTP TO MEMORY LANE
C-24 TO C-27 PLAN AND PROFILE - SR-84 TO PESCADERO RD
C-28 TO C-29 PLAN AND PROFILE - POPE RD TO PESCADERO RD
C-30 ALIGNMENT TABLES
CD-1 TO CD-6 DETAILS
CS-1 CONSTRUCTION SEQUENCING PLAN



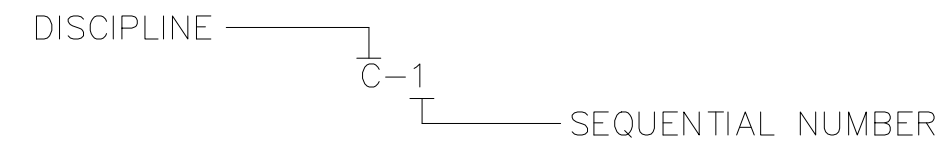
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| DESIGNED BY: P. WEBSTER | | GENERAL | | SCALE: N/A |
| CHECKED BY: M. KARBAKHSH | | TITLE SHEET | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS SAN MATEO COUNTY | | FILE NO.: 1/5032 |
| REVISION | DATE | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 | | G-1 SHEET 1 OF 43 |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | | | |
| 0 1 2 3 4 | | | | |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\181\CSA7 WATERLINE\DELIVERABLES\176279001.DWG (G-1)

DISCIPLINE

| LETTER | DISCIPLINE |
|--------|----------------|
| G | GENERAL |
| C | CIVIL |
| CD | CIVIL DETAILS |
| EX | METER EXHIBITS |
| SD | METER DETAILS |

DRAWING NUMBER



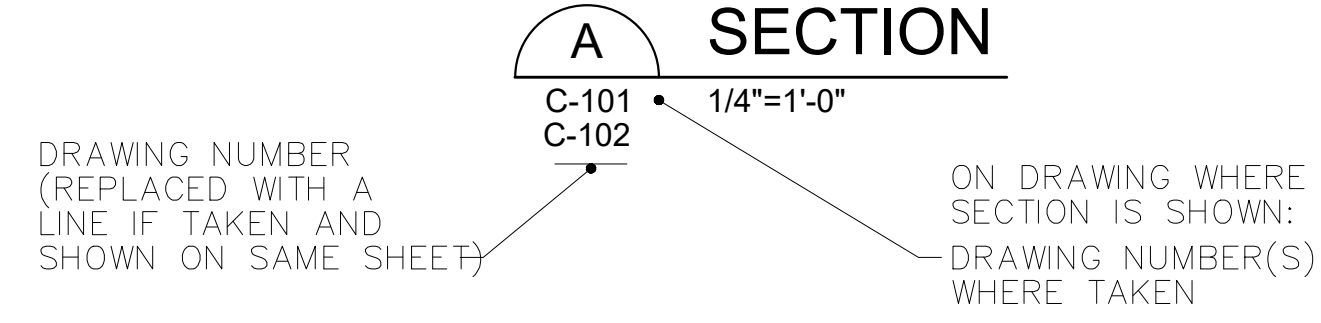
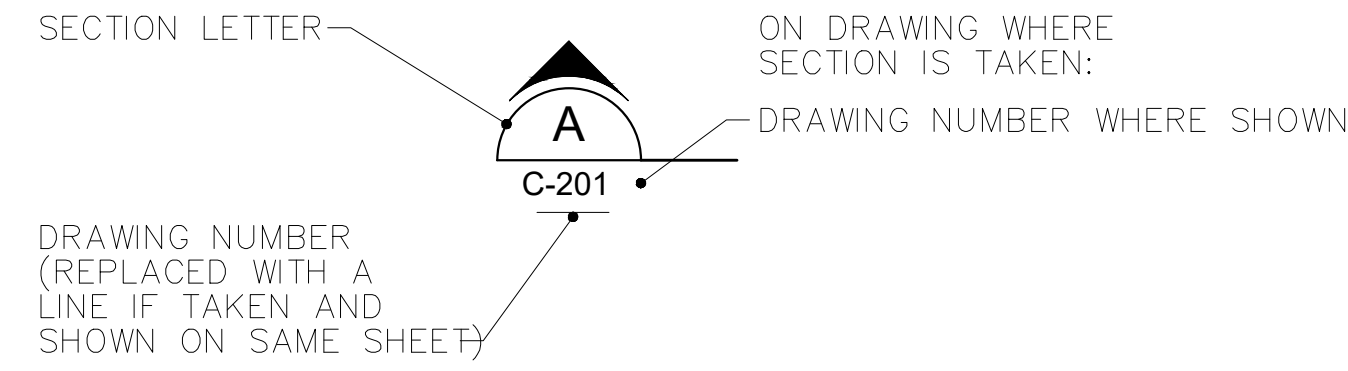
CIVIL LEGEND

| | |
|--|-----------------------------|
| | CHAIN LINK FENCE |
| | DEMOLITION |
| | ABANDON IN PLACE |
| | AUTOMATIC AIR RELEASE VALVE |
| | MANUAL AIR RELEASE VALVE |
| | WATER SURFACE |
| | BLOW OFF VALVE |

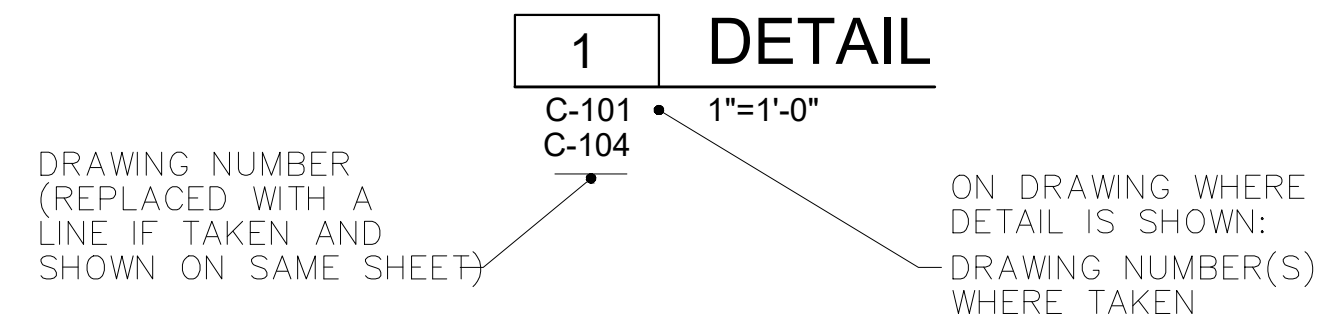
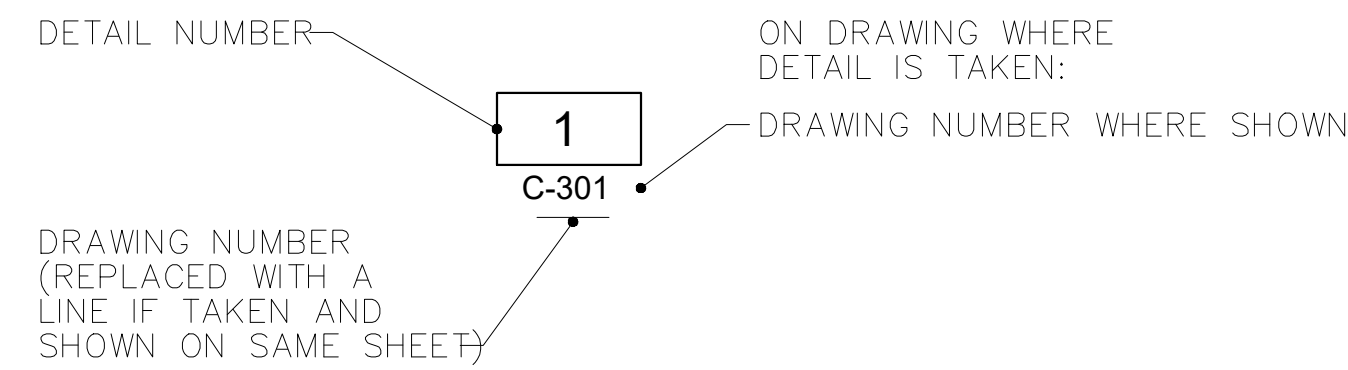
NOTES:

- EXISTING PIPING, EQUIPMENT AND TOPOGRAPHY ARE SHOWN SCREENED AND/OR LIGHT-LINED. NEW PIPING, EQUIPMENT, STRUCTURES AND FINISHED GRADE ARE SHOWN HEAVY-LINED.
- FOR ELECTRICAL AND INSTRUMENTATION ABBREVIATIONS, SEE ELECTRICAL AND INSTRUMENTATION DRAWINGS.
- CONTACT THE ENGINEER FOR ABBREVIATIONS NOT LISTED.
- THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET AND MAY NOT BE UTILIZED ON THIS PROJECT.

SECTION



DETAIL



STANDARD VALVE AND OPERATOR



NOTES:

- SEE SECTION 114.

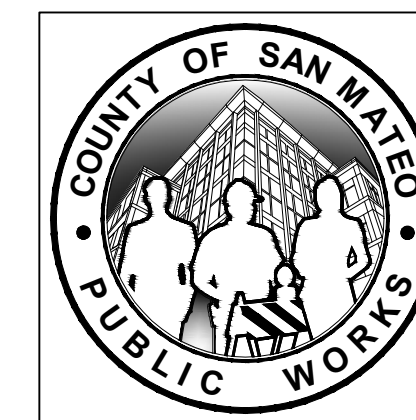
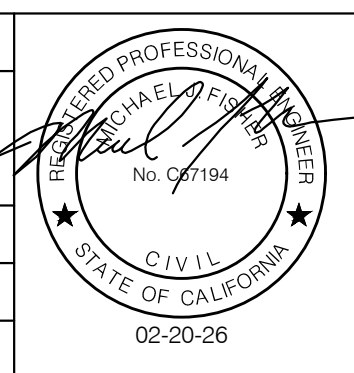
LINE TYPE APPEARANCE

| | | |
|--|----------------------------------|-----------------------------------|
| | BLACK | NEW 'ON' DISCIPLINE |
| | LIGHT OR MEDIUM GRAY OR SCREENED | EXISTING 'ON' OR 'OFF' DISCIPLINE |
| | DARK GRAY | NEW 'OFF' DISCIPLINE |



APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882

APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



| | | |
|---|--------------------------------|-------------------|
| DESIGNED BY: P. WEBSTER | GENERAL | SCALE: N/A |
| CHECKED BY: M. KARBAKHSH | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | GENERAL DESIGNATIONS | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| REVISION | DATE | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |
| | | G-3 SHEET 3 OF 43 |

PIPING SYMBOLS

| SYMBOL | SINGLE LINE | DESCRIPTION |
|--------|-------------|--|
| | | EXISTING PIPE (SCREENED) |
| | | NEW PIPE |
| | | EXISTING PIPE TO BE ABANDONED |
| | | EXISTING PIPE TO BE DEMOLISHED OR REMOVED AND SALVAGED |

VALVES

| SYMBOL | VALVE TYPE |
|--------|---|
| | BALL VALVE |
| | BLOWOFF VALVE |
| | VENTED BALL VALVE |
| | CORPORATION STOP VALVE |
| | BUTTERFLY VALVE |
| | DIAPHRAGM VALVE |
| | GATE VALVE |
| | KNIFE GATE |
| | GLOBE VALVE |
| | MUD VALVE |
| | MULTIPOINT VALVE |
| | NEEDLE VALVE |
| | PINCH VALVE |
| | PLUG VALVE |
| | PLUG VALVE (ECCENTRIC) |
| | BALL CHECK VALVE |
| | DOUBLE DISK SWING CHECK VALVE |
| | DUCKBILL CHECK |
| | SILENT CHECK VALVE |
| | SWING CHECK VALVE |
| | TELESCOPING VALVE |
| | AIR RELIEF VALVE |
| | AIR VACUUM VALVE |
| | COMBINATION AIR RELIEF AIR VACUUM VALVE |
| | PRESSURE REGULATING VALVE |
| | PRESSURE RELIEF VALVE |
| | HOSE BIBB OR FLUSHING CONNECTION |
| | BACKFLOW PREVENTER VALVE |

PUMPS

| SYMBOL | PUMP TYPE |
|--------|---------------------------------|
| | CENTRIFUGAL PUMP |
| | SUBMERSIBLE PUMP |
| | VERTICAL TURBINE PUMP (PLAN) |
| | VERTICAL TURBINE PUMP (SECTION) |
| | DIAPHRAGM METERING PUMP |
| | PERISTALTIC PUMP |
| | PROGRESSIVE CAVITY PUMP |
| | AXIAL FLOW PUMP |

BLOWERS

| SYMBOL | BLOWER TYPE |
|--------|--------------------|
| | CENTRIFUGAL BLOWER |
| | BLOWER FAN |

FLOWMETERS

| SYMBOL | FLOWMETER TYPE |
|--------|---------------------|
| | MAGNETIC FLOWMETER |
| | PROPELLER FLOWMETER |

FILTERS AND STRAINERS

| SYMBOL | FILTER TYPE |
|--------|--------------------------|
| | FILTER |
| | CARTRIDGE FILTER (SMALL) |
| | CARTRIDGE FILTER (LARGE) |
| | BASKET STRAINER |

MIXERS

| SYMBOL | MIXER TYPE |
|--------|--------------------|
| | MIXER |
| | STATIC MIXER |
| | WAFER STATIC MIXER |

ACTUATORS

| SYMBOL | ACTUATOR TYPE |
|--------|--------------------|
| | MOTOR ACTUATOR |
| | PNEUMATIC ACTUATOR |
| | SOLENOID ACTUATOR |

GATES / WEIR

| SYMBOL | GATE / WEIR TYPE |
|--------|------------------|
| | SLIDE GATE |
| | STOP LOG |
| | WEIR |

MISC EQUIPMENT

| SYMBOL | TYPE |
|--------|------------------------------|
| | WATER METER |
| | AIR DIFFUSER |
| | SPRAY BAR OR DIFFUSER |
| | EMERGENCY EYEWASH AND SHOWER |

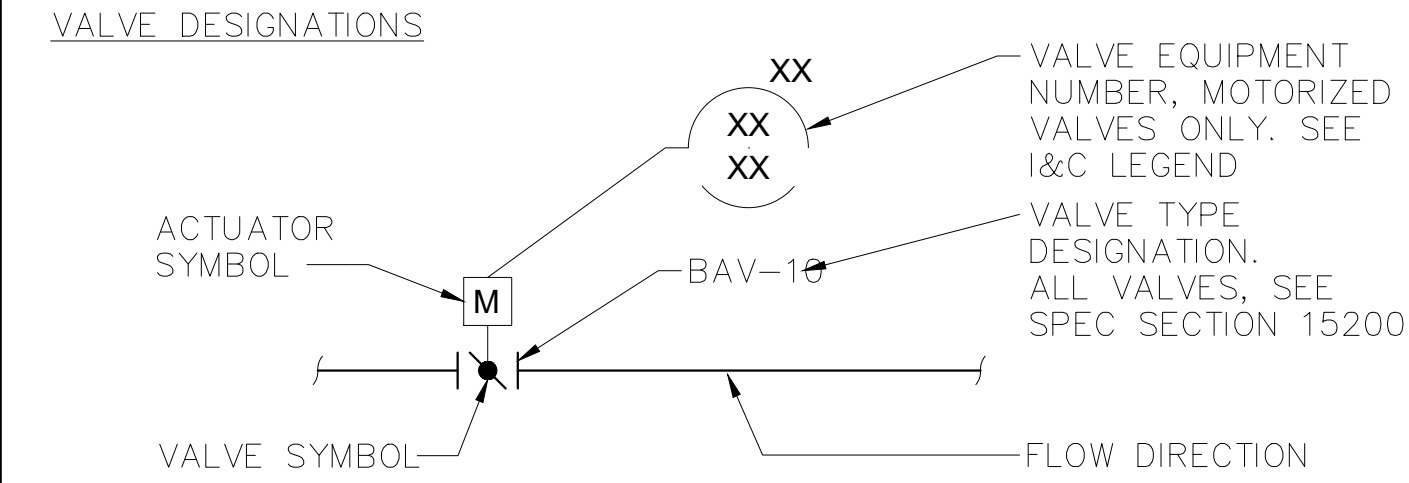
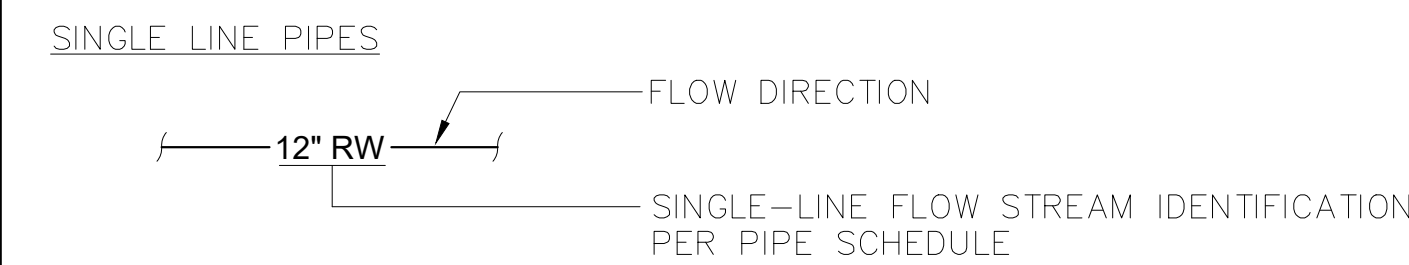
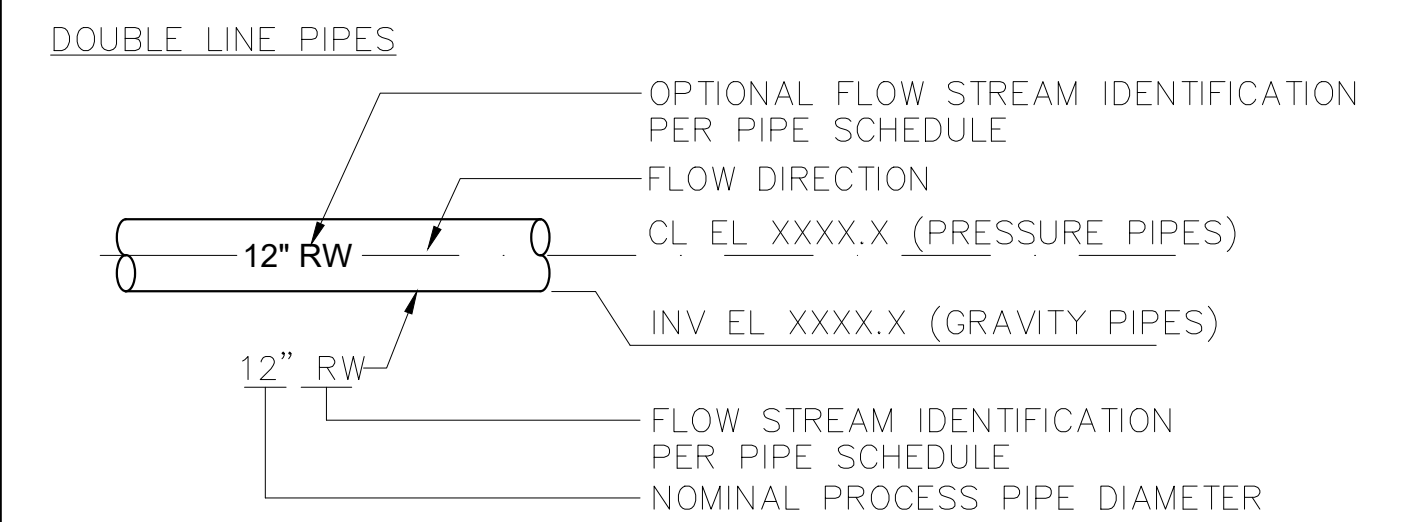
MISC FITTING SYMBOLS

| SYMBOL | EQUIPMENT TYPE |
|--------|-----------------------------|
| | Y STRAINER |
| | PULSATION DAMPER |
| | GAUGE |
| | DIAPHRAGM SEAL |
| | RUPTURE DISK (PRESSURE) |
| | RUPTURE DISK (VACUUM) |
| | ORIFICE |
| | BLIND FLANGE OR TANK NOZZLE |
| | EXPANSION COUPLING |
| | FLEXIBLE COUPLING |
| | UNION |
| | CONCENTRIC REDUCER |
| | ECCENTRIC REDUCER |
| | CAP |
| | FEMALE QUICK CONNECT |
| | MALE QUICK CONNECT |
| | QUICK CONNECT WITH CAP |
| | QUICK CONNECT COUPLING |
| | DRAIN |
| | DRAIN |
| | SIGHT GLASS |
| | CALIBRATION COLUMN |
| | ROTAMETER |
| | ROTAMETER WITH NEEDLE VALVE |

MISC SYMBOLS

| SYMBOL | DESCRIPTION |
|--------|---------------|
| | SAMPLE |
| | WATER SURFACE |

PIPING DESIGNATIONS



NOTES:

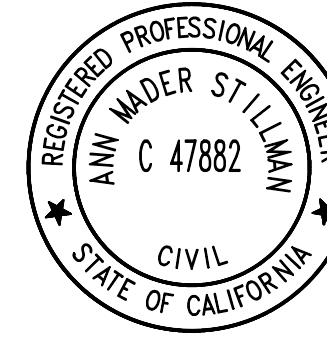
- MOTORIZED VALVE SHOWN, MANUAL VALVE SIMILAR.

NOTES:

- ONLY FLANGED END CONNECTIONS ARE SHOWN HERE FOR DOUBLE LINE FITTINGS. FITTINGS WITH OTHER END PATTERNS ARE SHOWN SIMILARLY ON THE CONSTRUCTION DRAWINGS. ALSO SEE PIPING SPECIFICATIONS AND THE PIPING SCHEDULE.
- SYMBOLS SHOWN HERE FOR SINGLE LINE FITTINGS ARE GENERIC ONLY. REFER TO PIPING SPECIFICATIONS FOR SPECIFIC END CONNECTIONS FOR SINGLE LINE PIPE AND FITTINGS.

GENERAL PIPING NOTES:

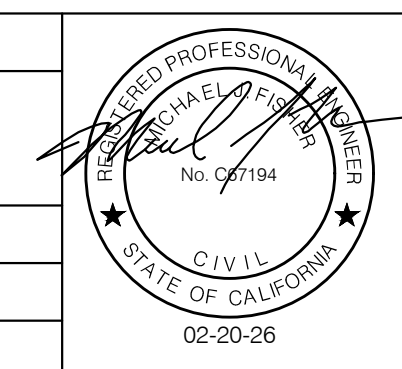
- LAY PIPE TO UNIFORM GRADE BETWEEN INDICATED ELEVATION POINTS. MINIMUM COVER SHALL BE 36 INCHES UNLESS OTHERWISE SHOWN.
- SIZE OF FITTINGS SHOWN ON DRAWINGS SHALL CORRESPOND TO ADJACENT STRAIGHT RUN OF PIPE, UNLESS OTHERWISE INDICATED. TYPE OF JOINT AND FITTING MATERIAL SHALL BE THE SAME AS SHOWN FOR ADJACENT STRAIGHT RUN OF PIPE.
- LOCATION AND NUMBER OF PIPE HANGERS AND PIPE SUPPORTS SHOWN IS ONLY APPROXIMATE. FINAL SUPPORT REQUIREMENTS SHALL BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. MAXIMUM SPACING SHALL BE AS SPECIFIED.
- APPROPRIATE STANDARD WALL PIPE DETAIL SHALL BE USED WHEREVER PIPING PASSES FROM A STRUCTURE TO BACKFILL.
- ALL FLEXIBLE CONNECTORS OR FLANGED COUPLING ADAPTERS SHALL BE PROVIDED WITH THRUST TIES, BLOCKS, OR ANCHORS, UNLESS OTHERWISE NOTED. THRUST PROTECTION SHALL BE ADEQUATE FOR TEST PRESSURES SPECIFIED.
- SYMBOLS, LEGENDS, AND PIPE USE IDENTIFICATIONS SHOWN SHALL BE FOLLOWED THROUGHOUT THE DRAWINGS, WHEREVER APPLICABLE. ALL OF THE VARIOUS APPLICATIONS ARE NOT NECESSARILY USED IN THE PROJECT.
- ALL PIPING SPECIFIED TO BE PRESSURE TESTED, EXCEPT FLANGED, WELDED, GROOVED END, OR SCREWED PIPING, SHALL BE PROVIDED WITH THRUST PROTECTION AT ALL DIRECTION CHANGES, UNLESS OTHERWISE NOTED. SEE THRUST DETAILS AND NOTES ON DRAWINGS.
- NUMBER AND LOCATION OF UNIONS SHOWN ON DRAWINGS ARE ONLY APPROXIMATE. PROVIDE ALL UNIONS NECESSARY TO FACILITATE CONVENIENT REMOVAL OF VALVES AND MECHANICAL EQUIPMENT.
- THE CONTRACTOR FOR THIS PROJECT IS RESPONSIBLE FOR COORDINATING AND PERFORMING THE CONNECTION OF THE PIPING AND ASSOCIATED APPURTENANCES INSTALLED UNDER THIS CONTRACT TO BOTH THE EXISTING PIPING AND FACILITIES.
- PRIOR TO SUBMITTING PIPING DRAWINGS FOR ANY NEW PIPE THAT IS TO CONNECT TO OR CROSS AN EXISTING PIPE OR STRUCTURE, THE CONTRACTOR SHALL EXPOSE THE EXISTING PIPE OR STRUCTURE TO VERIFY ITS EXACT LOCATION, SIZE, MATERIALS, AND INVERT ELEVATIONS.
- COMPONENTS SHOWN WITH A DOUBLE ASTERISK (**) ARE PART OF A PACKAGE SYSTEM. SEE EQUIPMENT SPECIFICATIONS.



APPROVED:
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882

APPROVED DATE: FEBRUARY 20, 2026

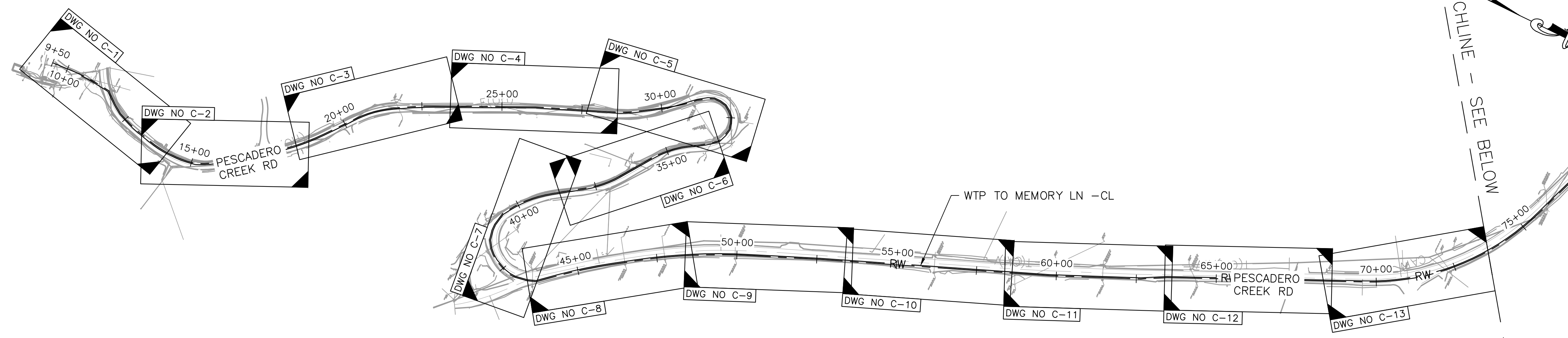
SIGNATURE
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



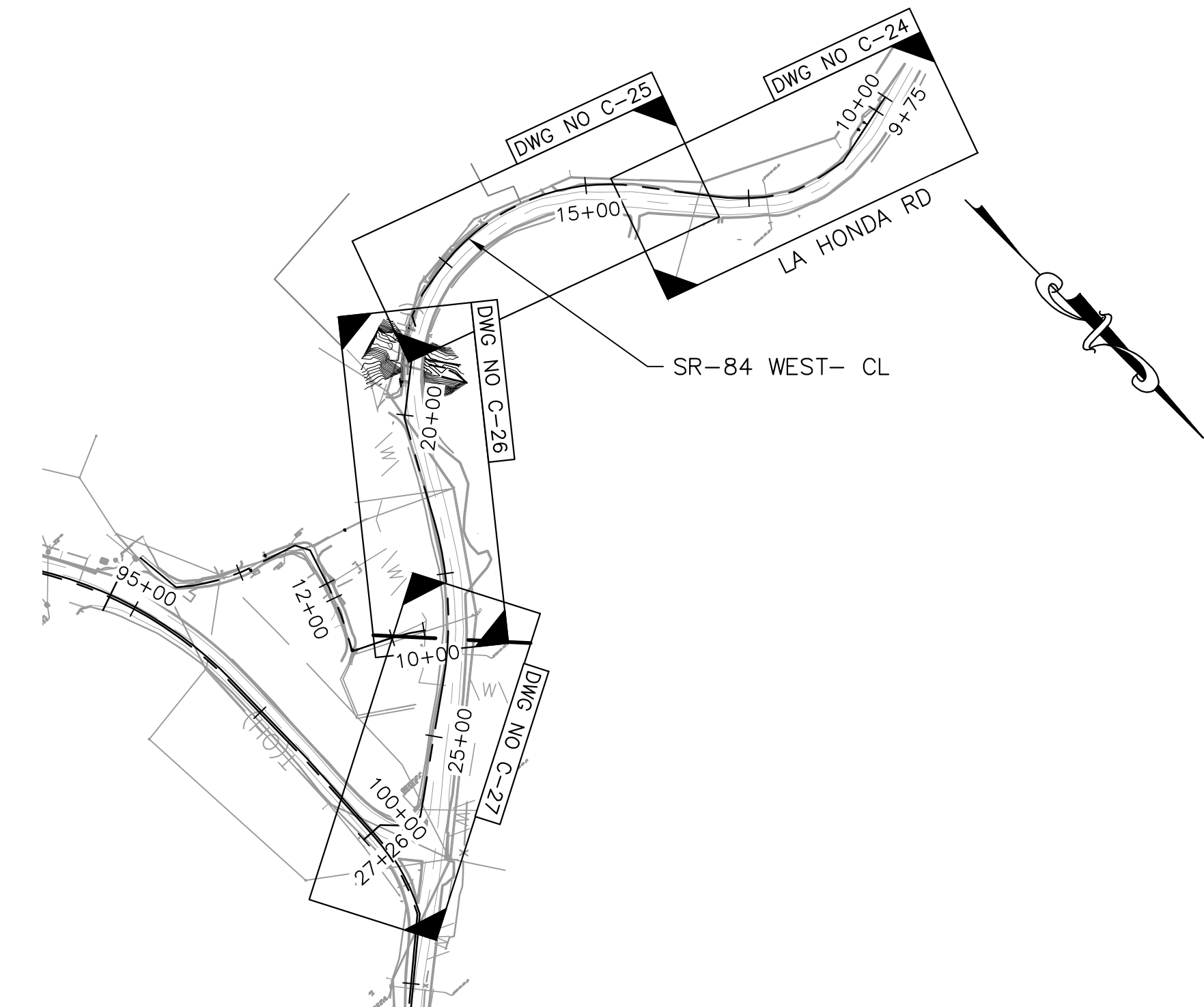
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| CHECKED BY: M. KARBAKHS | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | MECHANICAL LEGEND | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| REVISION | DATE | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | G-4 SHEET 4 OF 43 |



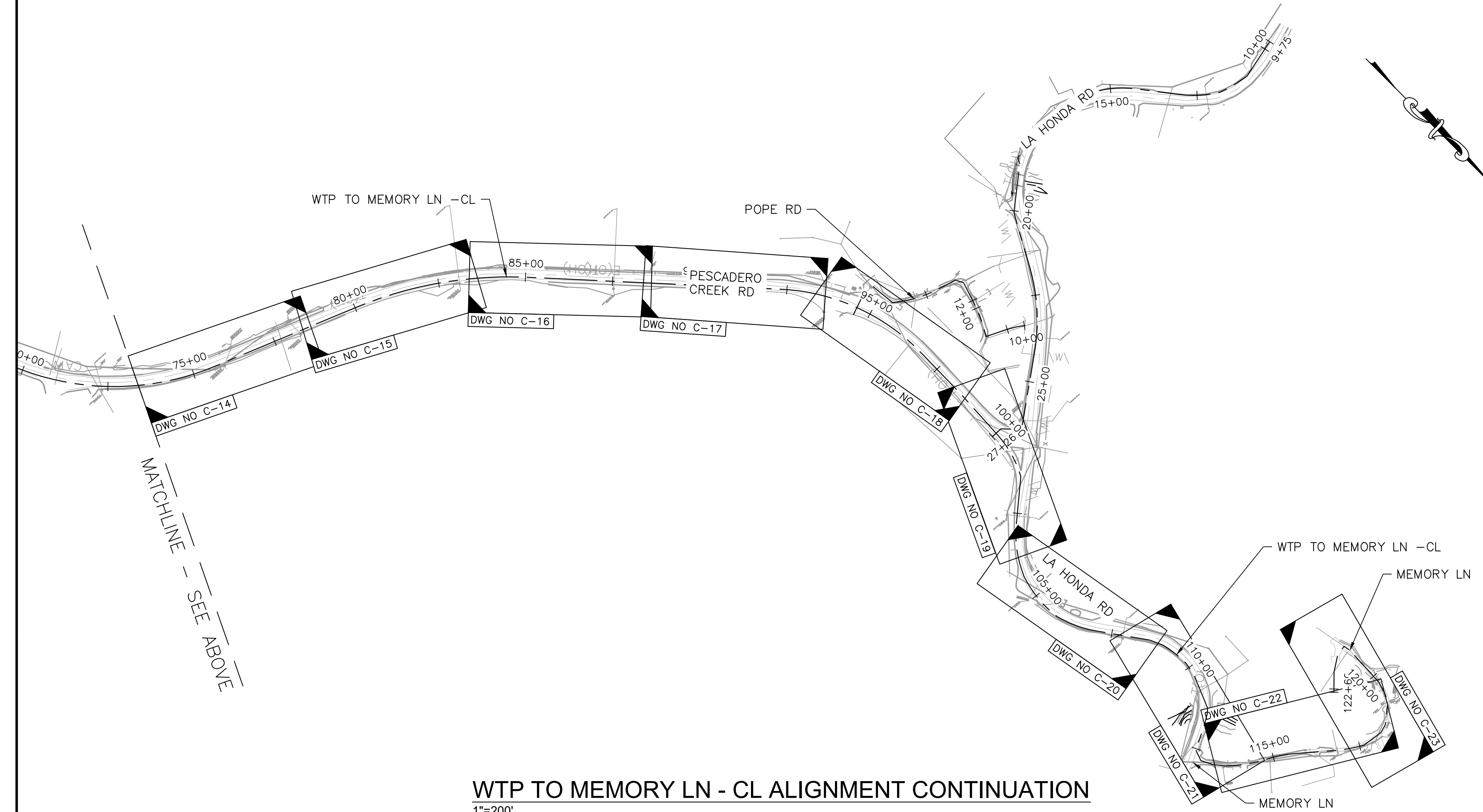
APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882



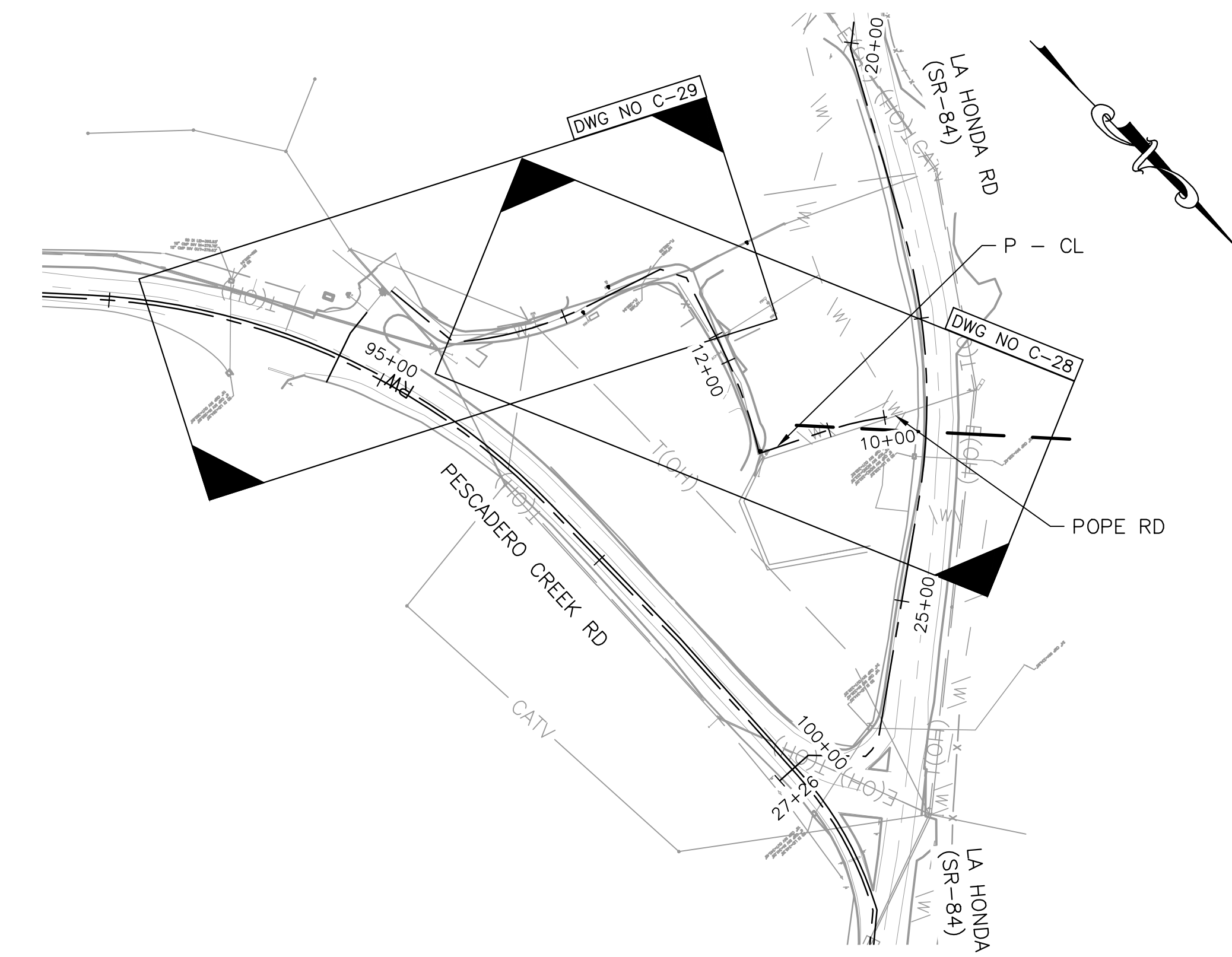
WTP TO MEMORY LN - CL ALIGNMENT
 1"=200'



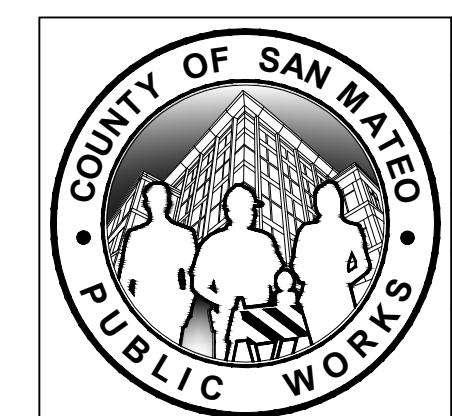
SR-84 WEST - CL ALIGNMENT
 1"=200'



WTP TO MEMORY LN - CL ALIGNMENT CONTINUATION
 1"=200'

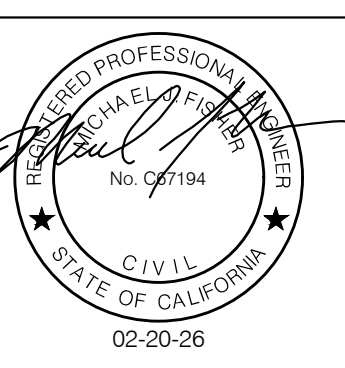


P - CL ALIGNMENT
 1"=100'



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|---|------|--|--|------------------|
| DESIGNED BY: P. WEBSTER | | GENERAL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | | PROJECT OVERVIEW | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | AND KEY MAP | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | 555 COUNTY CENTER, 5th FLOOR | | G-5 |
| SAN MATEO COUNTY | | REDWOOD CITY, CALIFORNIA 94063 | | |
| REVISION | DATE | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | SHEET 5 OF 43 |

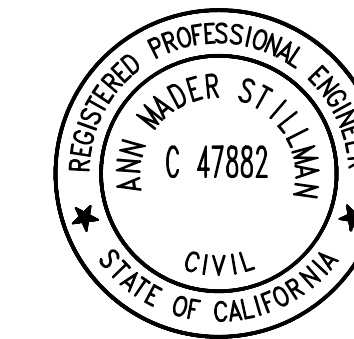
APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\S1\CSA7 WATERLINE\DELIVERABLES\E76279005.DWG (0-5)

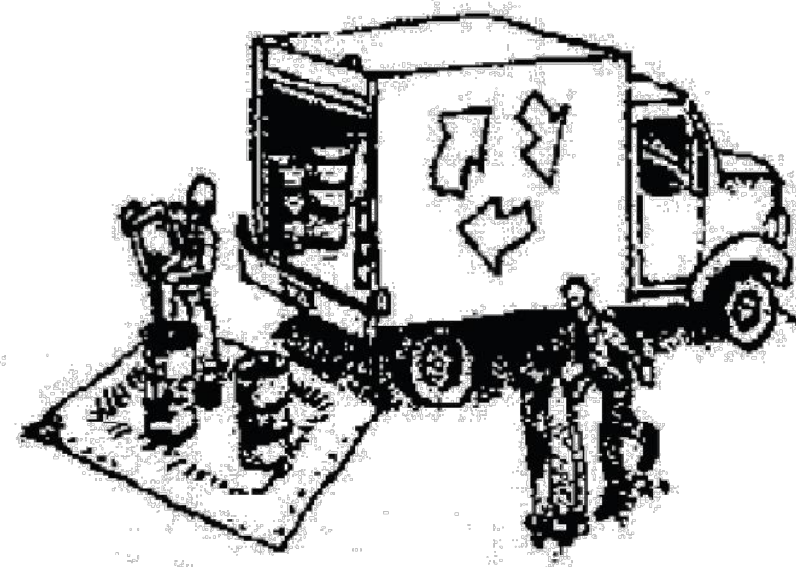
Construction Best Management Practices (BMPs)

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as they apply to your project, all year long.



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 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
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 R. C. E. # 47882

Materials & Waste Management



Non-Hazardous Materials

- ❑ Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or if not actively being used within 14 days.
- ❑ Use (but don't overuse) reclaimed water for dust control.

Hazardous Materials

- ❑ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.
- ❑ Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- ❑ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ❑ Arrange for appropriate disposal of all hazardous wastes.

Waste Management

- ❑ Cover waste disposal containers securely with tarps at the end of every work day and during wet weather.
- ❑ Check waste disposal containers frequently for leaks and to make sure they are not overfilled. Never hose down a dumpster on the construction site.
- ❑ Clean or replace portable toilets, and inspect them frequently for leaks and spills.
- ❑ Dispose of all wastes and debris properly. Recycle materials and wastes that can be recycled (such as asphalt, concrete, aggregate base materials, wood, gyp board, pipe, etc.)
- ❑ Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.

Construction Entrances and Perimeter

- ❑ Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- ❑ Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.

Equipment Management & Spill Control



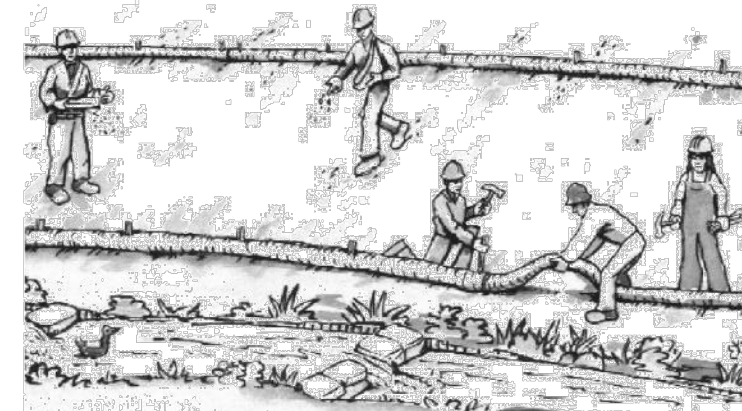
Maintenance and Parking

- ❑ Designate an area, fitted with appropriate BMPs, for vehicle and equipment parking and storage.
- ❑ Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- ❑ If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- ❑ If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- ❑ Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment.

Spill Prevention and Control

- ❑ Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- ❑ Inspect vehicles and equipment frequently for and repair leaks promptly. Use drip pans to catch leaks until repairs are made.
- ❑ Clean up spills or leaks immediately and dispose of cleanup materials properly.
- ❑ Do not hose down surfaces where fluids have spilled. Use dry cleanup methods (absorbent materials, cat litter, and/or rags).
- ❑ Sweep up spilled dry materials immediately. Do not try to wash them away with water, or bury them.
- ❑ Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- ❑ Report significant spills immediately. You are required by law to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number, 2) Call the Governor's Office of Emergency Services Warning Center, (800) 852-7550 (24 hours).

Earthmoving

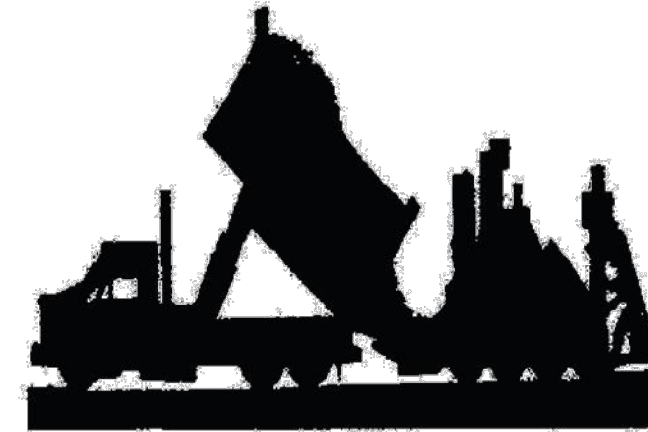


- ❑ Schedule grading and excavation work during dry weather.
- ❑ Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- ❑ Remove existing vegetation only when absolutely necessary, and seed or plant vegetation for erosion control on slopes or where construction is not immediately planned.
- ❑ Prevent sediment from migrating offsite and protect storm drain inlets, gutters, ditches, and drainage courses by installing and maintaining appropriate BMPs, such as fiber rolls, silt fences, sediment basins, gravel bags, berms, etc.
- ❑ Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

Contaminated Soils

- ❑ If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
 - Unusual soil conditions, discoloration, or odor.
 - Abandoned underground tanks.
 - Abandoned wells
 - Buried barrels, debris, or trash.

Paving/Asphalt Work

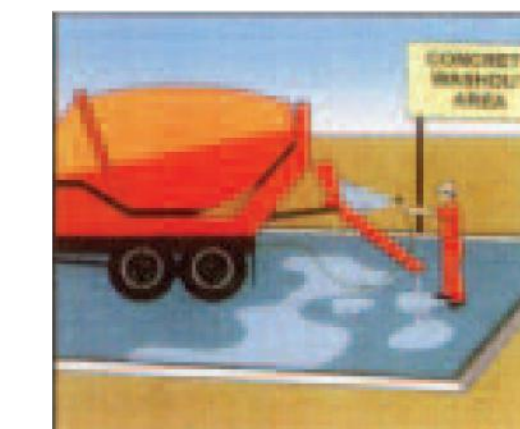


- ❑ Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- ❑ Cover storm drain inlets and manholes when applying seal coat, tack coat, slurry seal, fog seal, etc.
- ❑ Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.
- ❑ Do not use water to wash down fresh asphalt concrete pavement.

Sawcutting & Asphalt/Concrete Removal

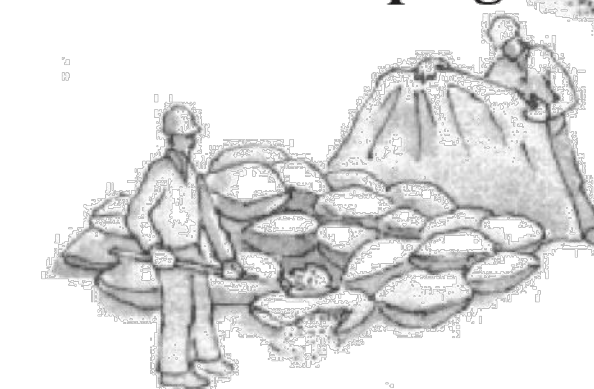
- ❑ Protect nearby storm drain inlets when saw cutting. Use filter fabric, catch basin inlet filters, or gravel bags to keep slurry out of the storm drain system.
- ❑ Shovel, absorb, or vacuum saw-cut slurry and dispose of all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ❑ If sawcut slurry enters a catch basin, clean it up immediately.

Concrete, Grout & Mortar Application



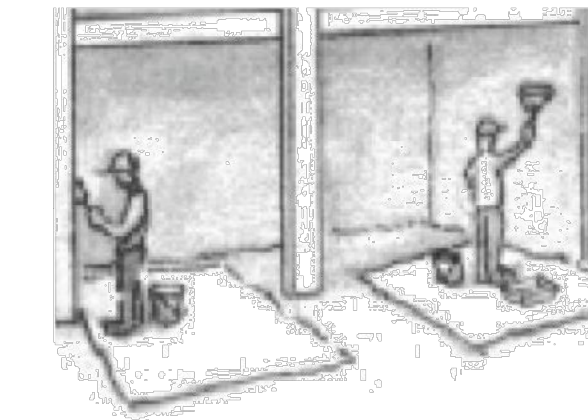
- ❑ Store concrete, grout, and mortar away from storm drains or waterways, and on pallets under cover to protect them from rain, runoff, and wind.
- ❑ Wash out concrete equipment/trucks offsite or in a designated washout area, where the water will flow into a temporary waste pit, and in a manner that will prevent leaching into the underlying soil or onto surrounding areas. Let concrete harden and dispose of as garbage.
- ❑ When washing exposed aggregate, prevent washwater from entering storm drains. Block any inlets and vacuum gutters, hose washwater onto dirt areas, or drain onto a bermed surface to be pumped and disposed of properly.

Landscaping



- ❑ Protect stockpiled landscaping materials from wind and rain by storing them under tarps all year-round.
- ❑ Stack bagged material on pallets and under cover.
- ❑ Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.

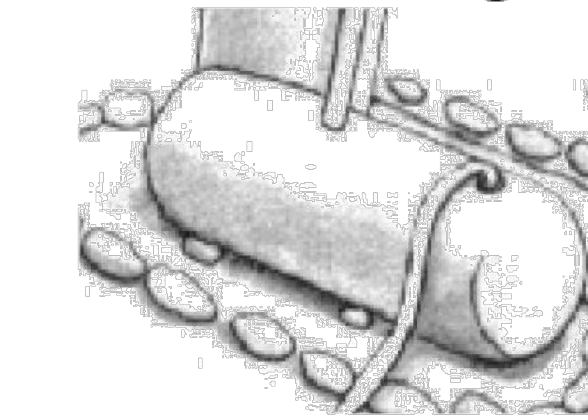
Painting & Paint Removal



Painting Cleanup and Removal

- ❑ Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- ❑ For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- ❑ For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- ❑ Paint chips and dust from non-hazardous dry stripping and sand blasting may be swept up or collected in plastic drop cloths and disposed of as trash.
- ❑ Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste. Lead based paint removal requires a state-certified contractor.

Dewatering



- ❑ Discharges of groundwater or captured runoff from dewatering operations must be properly managed and disposed. When possible send dewatering discharge to landscaped area or sanitary sewer. If discharging to the sanitary sewer call your local wastewater treatment plant.
- ❑ Divert run-on water from offsite away from all disturbed areas.
- ❑ When dewatering, notify and obtain approval from the local municipality before discharging water to a street gutter or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ❑ In areas of known or suspected contamination, call your local agency to determine whether the ground water must be tested. Pumped groundwater may need to be collected and hauled off-site for treatment and proper disposal.

Storm drain polluters may be liable for fines of up to \$10,000 per day!

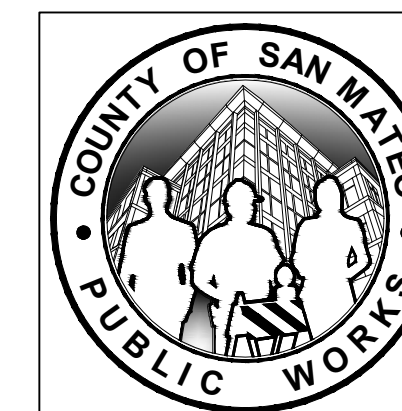
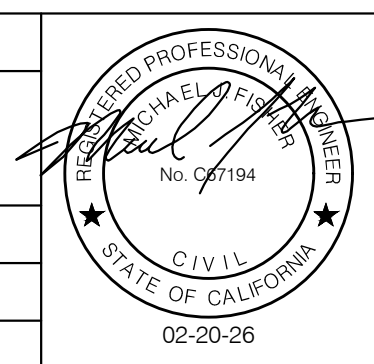
APPROVED DATE: FEBRUARY 20, 2026

SIGNATURE *Michael J. Fisher*

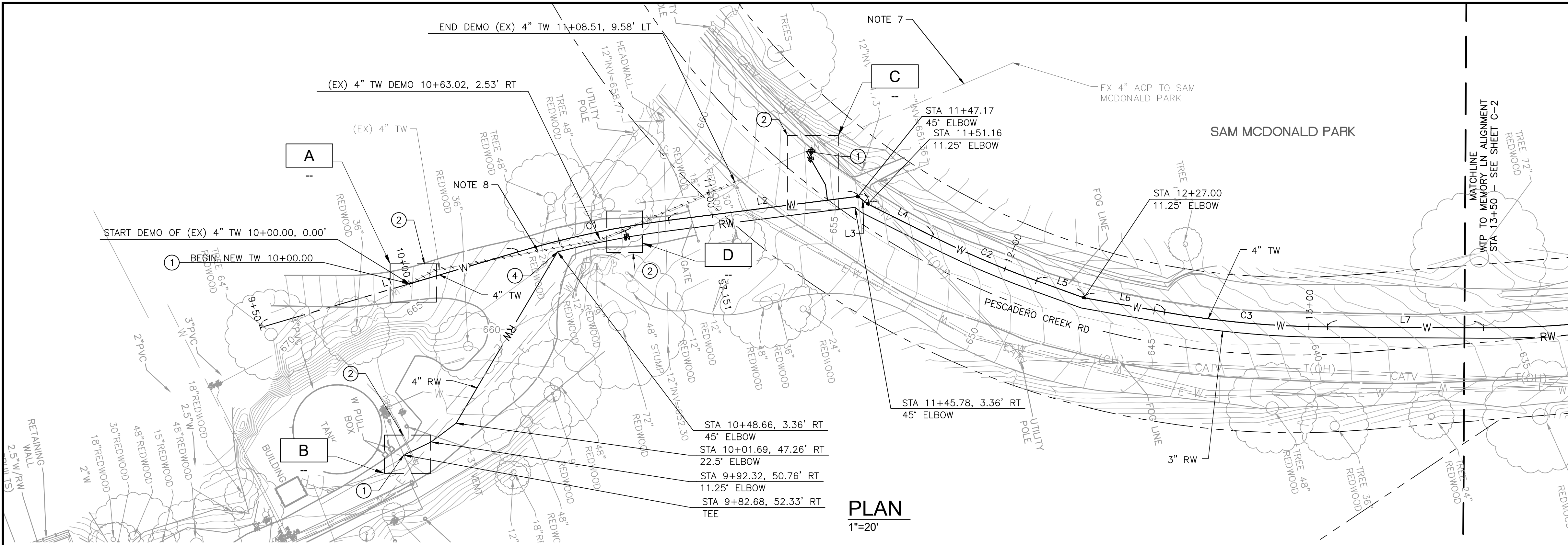
MICHAEL J. FISHER

WATERWORKS ENGINEERS

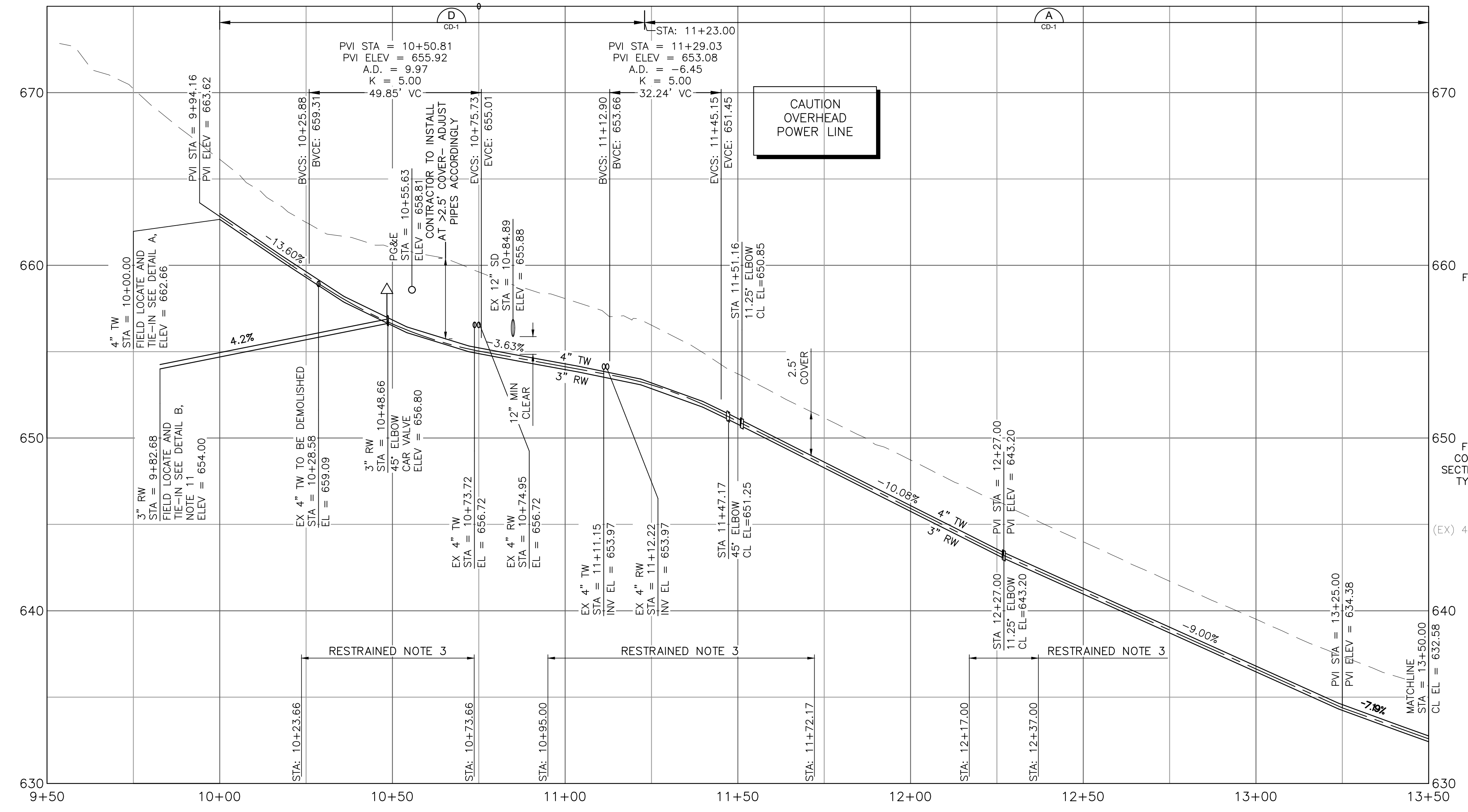
R.C.E. # 67194 / EXPIRES 09-30-2026



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| DESIGNED BY: P. WEBSTER | GENERAL PROJECT | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | CONSTRUCTION BMPs | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| REVISION | DATE | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | G-6 SHEET 6 OF 43 |



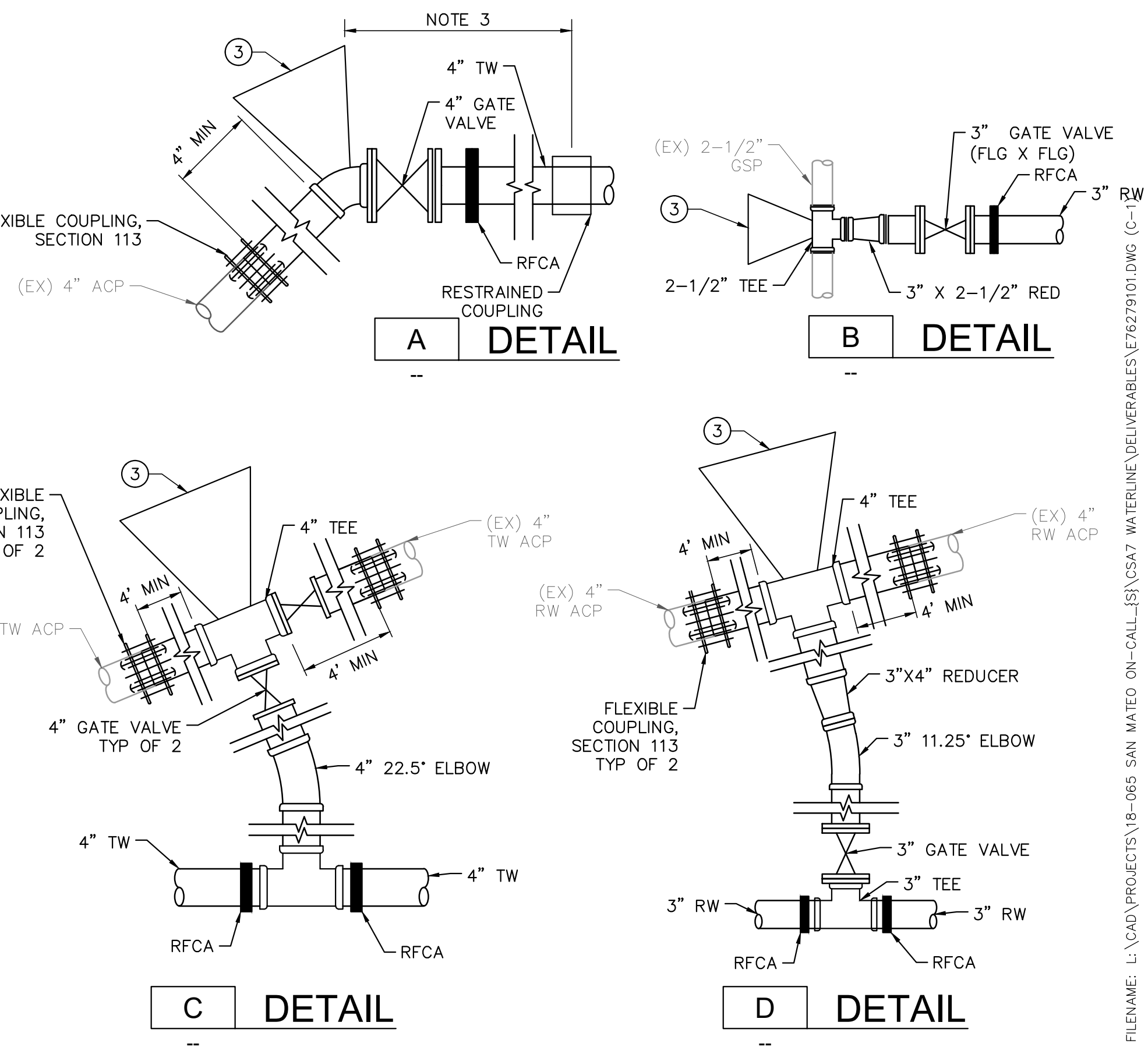
PLAN
1"=20'



PROFILE
1"=20' HORIZ
1"=4' VERT

- SHEET NOTES:**
1. PROVIDE 12" MIN CLEARANCE FROM OTHER UTILITIES UNLESS OTHERWISE NOTED.
 2. WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
 3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS OTHERWISE SPECIFIED. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
 4. CONTRACTOR SHALL MAINTAIN UNINTERRUPTED UTILITY SERVICE TO HOMEOWNERS AT ALL TIMES.
 5. CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL LOCAL RESIDENTS AT ALL TIMES DURING CONSTRUCTION.
 6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
 7. CONTRACTOR SHALL COORDINATE WITH OWNER, FIELD VERIFY THE COUNTY PARK WATER SERVICE CONNECTION LOCATION.
 8. CONTRACTOR SHALL DEMOLISH AND REMOVE THE EXISTING SERVICE LINE AND DISPOSE IN ACCORDANCE WITH DISTRICT SPECIFICATIONS.
 9. IT IS THE CONTRACTORS RESPONSIBILITY FOR DEVELOPING THE MEANS AND METHODS TO EMPLOY DURING CONSTRUCTION TO ELIMINATE RISKS ASSOCIATED WITH IMPINGEMENT INTO ADJACENT BURIED UTILITIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.
 10. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
 11. MAINTAIN POSITIVE SLOPE FROM RW TIE IN TO STA 10+48.66.
 12. CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
 13. CONTRACTOR TO POTHOLE, EXPOSE AND SURVEY EXISTING TW/RW LINES AND PROVIDE INFORMATION TO ENGINEER (MIN. 10 WORKING DAYS) PRIOR TO CONSTRUCTION.
 14. ENGINEER TO CONFIRM 18" CLEARANCE BETWEEN NEW AND EXISTING TW/RW OR PROVIDE UPDATED DESIGN IN ORDER TO PROVIDE 18" CLEARANCE.
 15. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLINE BYPASS PLAN FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.

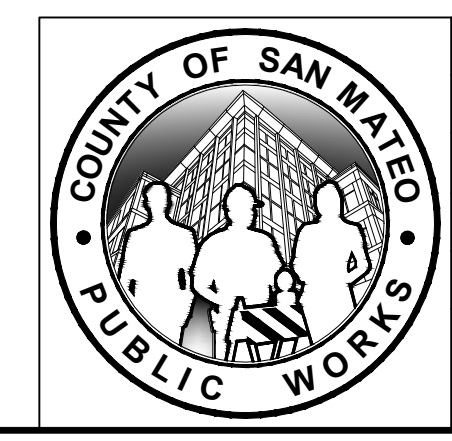
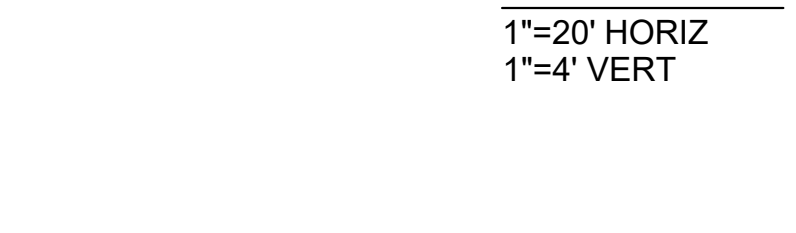
- KEY NOTES:**
(NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
 3. PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 5. INSTALL BLOWOFF VALVE PER COUNTY STANDARD DETAIL W-7.
 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.



APPROVED DATE: FEBRUARY 20, 2026

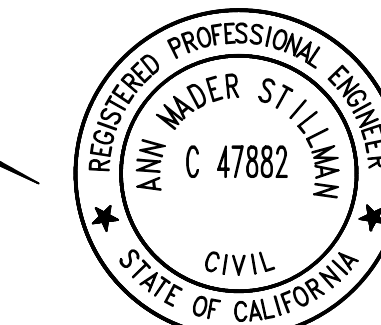
SIGNATURE: *Michael J. Fisher*

MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026



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|---|----------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA BEG TO 13+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | SAN MATEO COUNTY | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 |
| REVISION | DATE | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |
| | | C-1 SHEET 7 OF 43 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\51\CSA7 WATERLINE\DELIVERABLES\E76279101.DWG (C-1)



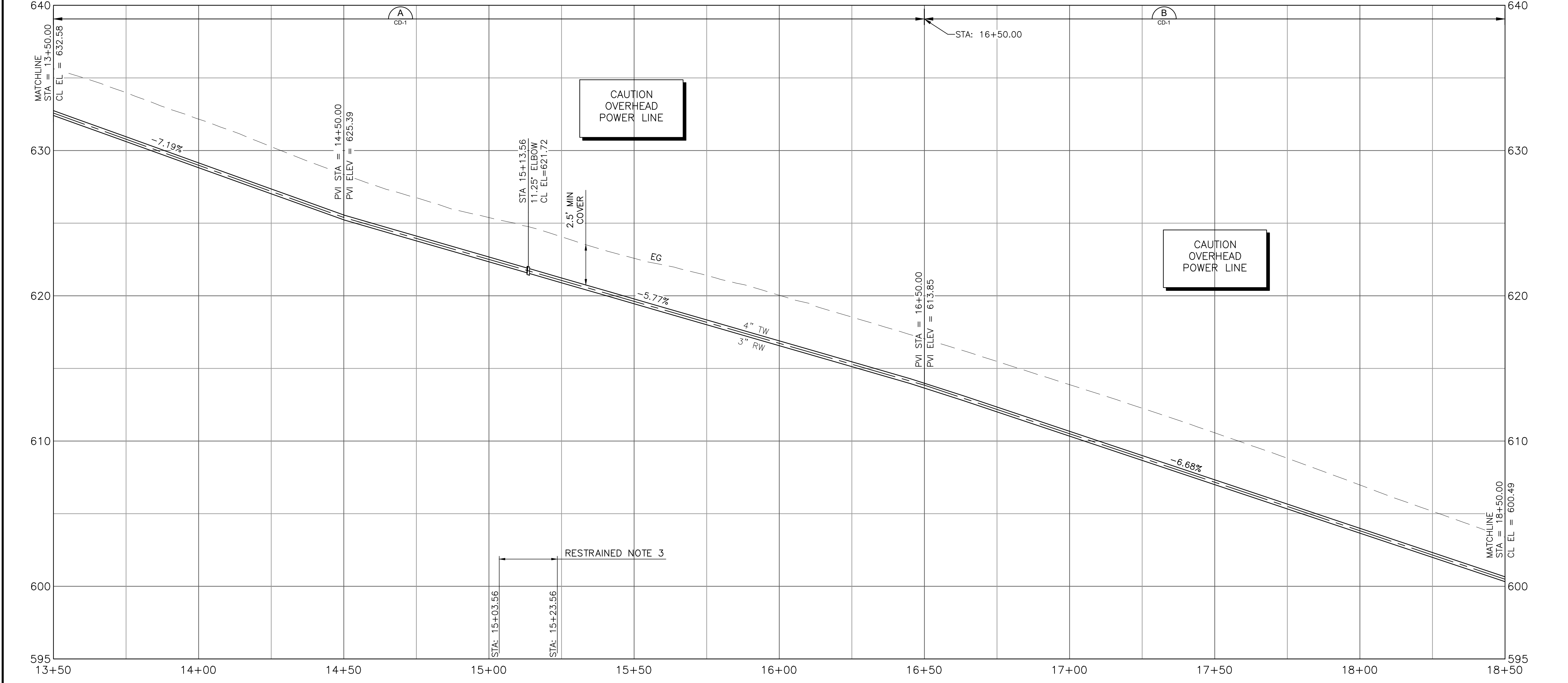
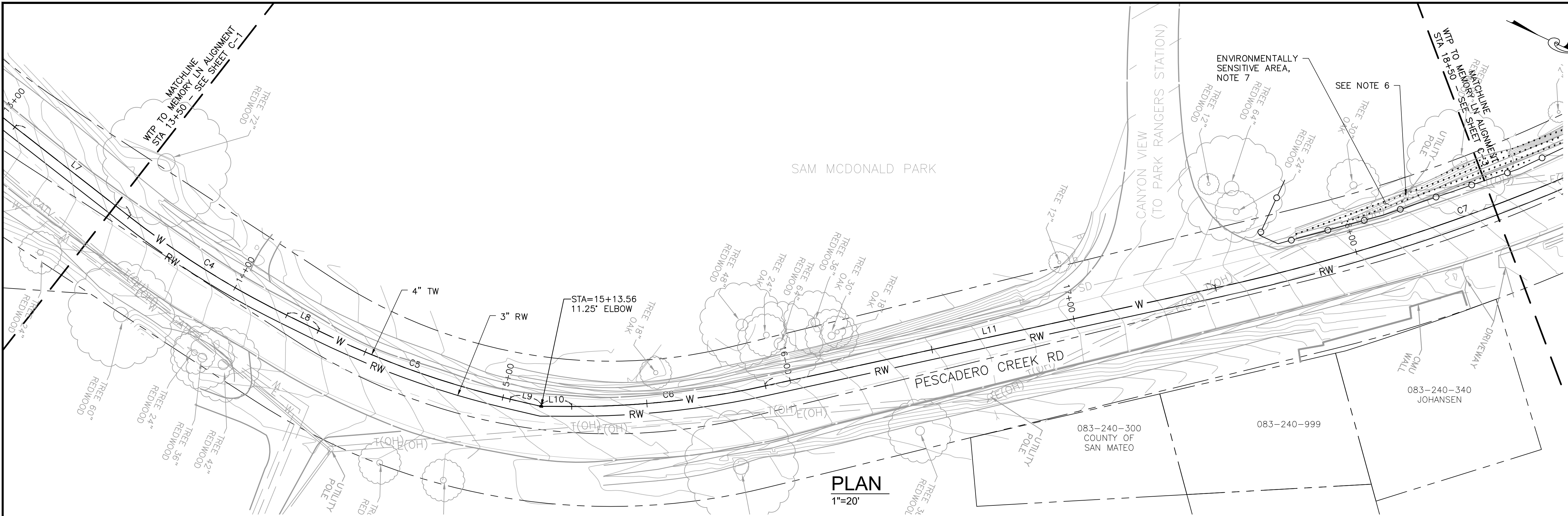
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 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882

SHEET NOTES:

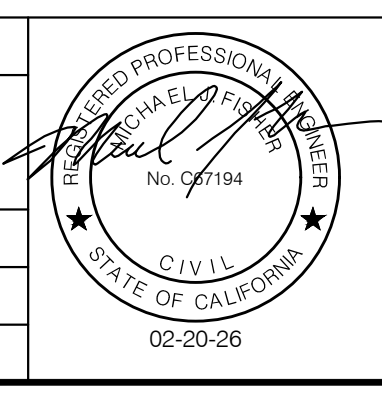
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6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
7. CONTRACTOR SHALL PROTECT ENVIRONMENTALLY SENSITIVE AREAS IN PLACE AND KEEP ALL CONSTRUCTION ACTIVITIES AWAY FROM THESE AREAS. CONTRACTOR SHALL INSTALL EXCLUSION FENCING (I.E. SILT FENCE TRENCH IN GROUND) AND OTHER PROPER BMPs AROUND ENVIRONMENTALLY SENSITIVE AREAS.
8. IT IS THE CONTRACTORS RESPONSIBILITY FOR DEVELOPING THE MEANS AND METHODS TO EMPLOY DURING CONSTRUCTION TO ELIMINATE RISKS ASSOCIATED WITH IMPINGEMENT INTO ADJACENT BURIED UTILITIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.
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KEY NOTES:

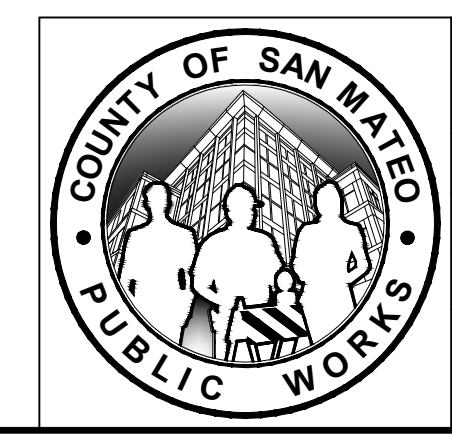
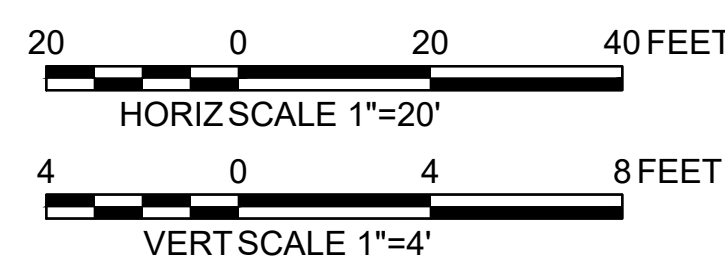
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 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 5. INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.



APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



PROFILE
 1"=20' HORIZ
 1"=4' VERT



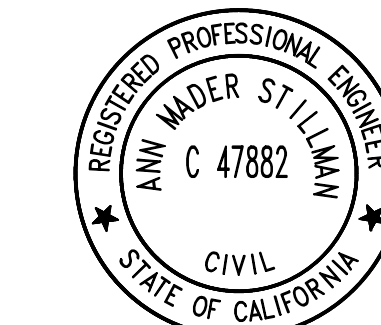
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| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 13+50 TO 18+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | C-2 |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | SHEET 8 OF 43 |

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

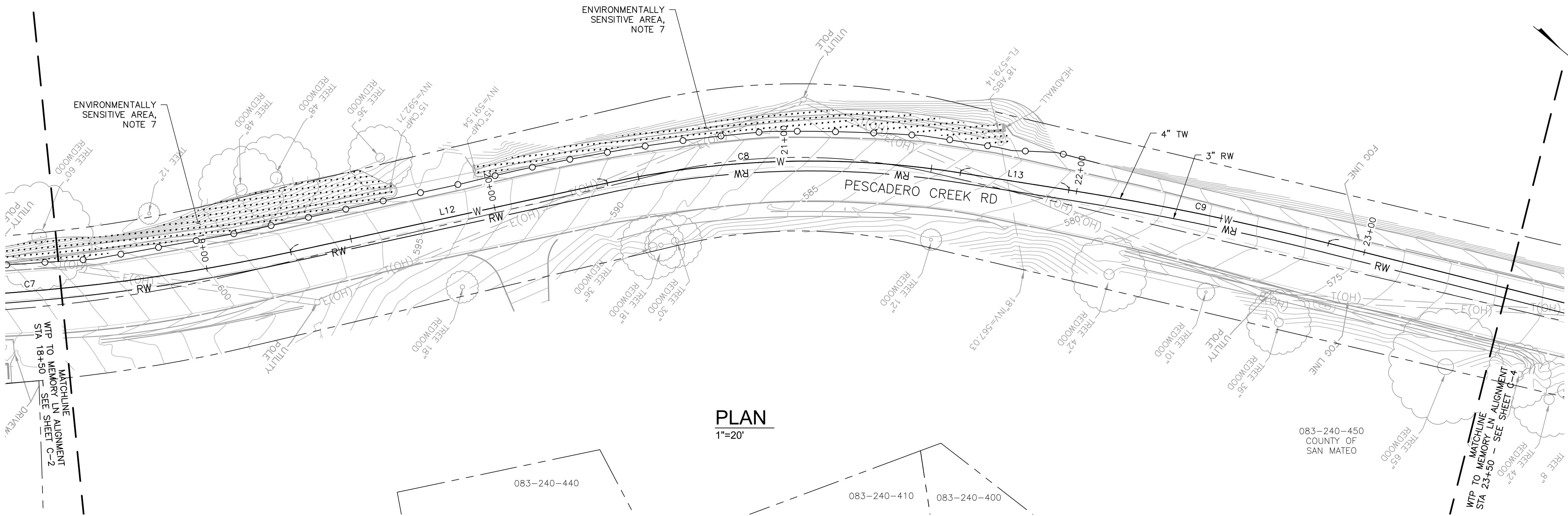
0 1 2 3 4

PLOT DATE: 2/25/26 PLOT TIME: 10:38:30 AM

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\18\CSA7 WATERLINE\DELIVERABLES\76279102.DWG (C-2)



APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882



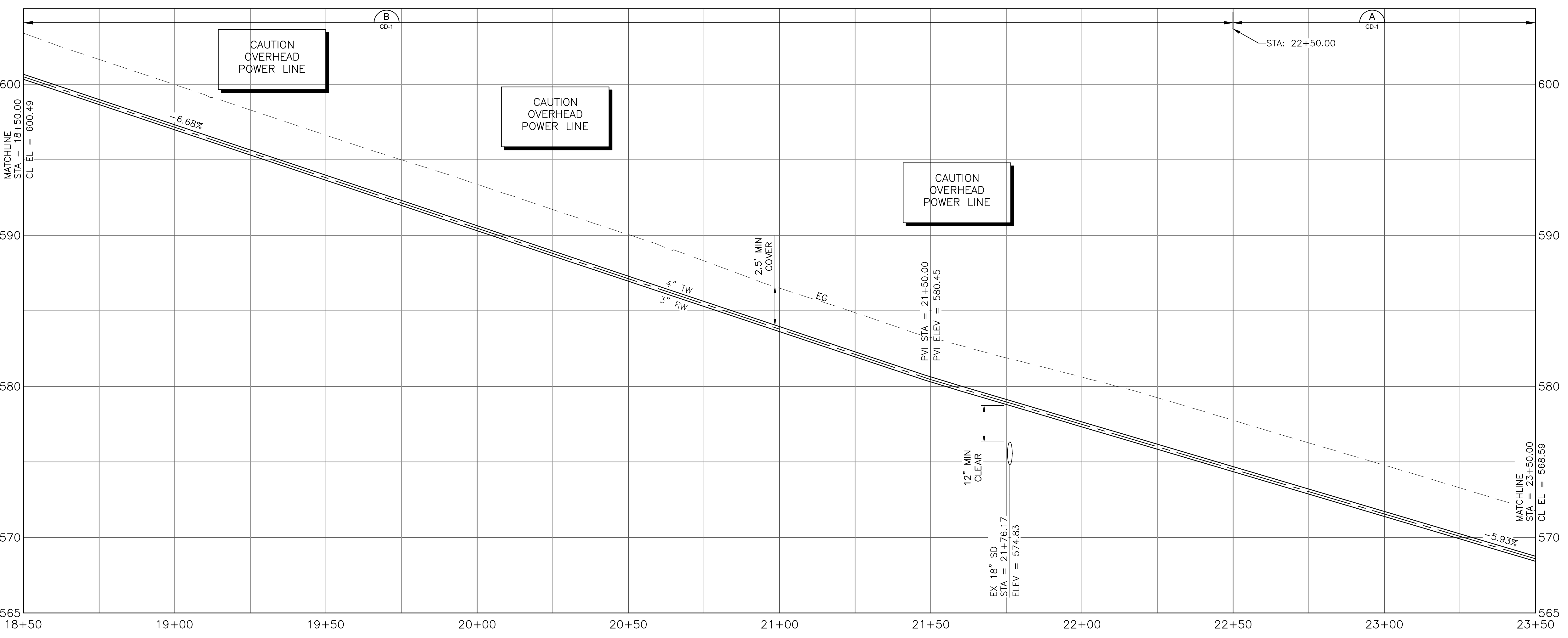
PLAN
 1"=20'

SHEET NOTES:

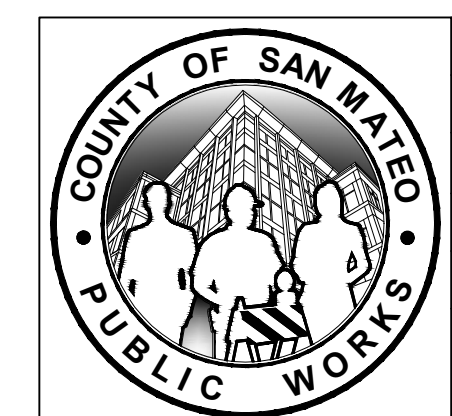
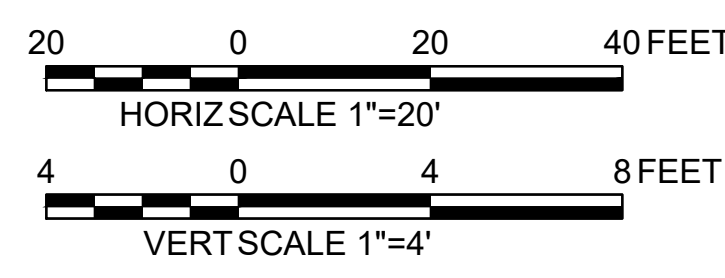
1. PROVIDE 12" MIN CLEARANCE FROM OTHER UTILITIES UNLESS OTHERWISE NOTED.
2. WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
4. CONTRACTOR SHALL MAINTAIN UNINTERRUPTED UTILITY SERVICE TO HOMEOWNERS AT ALL TIMES.
5. CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL LOCAL RESIDENTS AT ALL TIMES DURING CONSTRUCTION.
6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
7. CONTRACTOR SHALL PROTECT ENVIRONMENTALLY SENSITIVE AREAS IN PLACE AND KEEP ALL CONSTRUCTION ACTIVITIES AWAY FROM THESE AREAS. CONTRACTOR SHALL INSTALL EXCLUSION FENCING (I.E. SILT FENCE TRENCH IN GROUND) AND OTHER PROPER BMPs AROUND ENVIRONMENTALLY SENSITIVE AREAS.
8. IT IS THE CONTRACTORS RESPONSIBILITY FOR DEVELOPING THE MEANS AND METHODS TO EMPLOY DURING CONSTRUCTION TO ELIMINATE RISKS ASSOCIATED WITH IMPINGEMENT INTO ADJACENT BURIED UTILITIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.
9. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
10. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLIGHT BYPASS PLAN FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.

KEY NOTES:

- (NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
 3. PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 5. INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

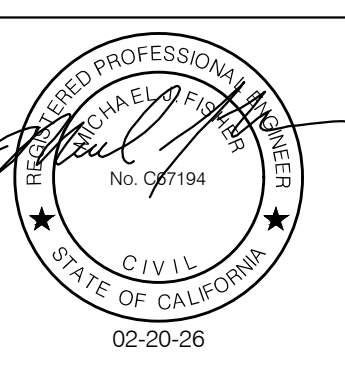


PROFILE
 1"=20' HORIZ
 1"=4' VERT



| | | | | |
|---|------|---|--|--|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | | WTP TO MEMORY LN ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA 18+50 TO 23+50 | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | SAN MATEO COUNTY | | 555 COUNTY CENTER, 5TH FLOOR REDWOOD CITY, CALIFORNIA 94063 |
| REVISION | DATE | | | |
| | | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | |
| | | 0 1 2 3 4 | | |
| | | PLOT DATE: 2/25/26 | | |
| | | PLOT TIME: 10:37:25 AM | | |

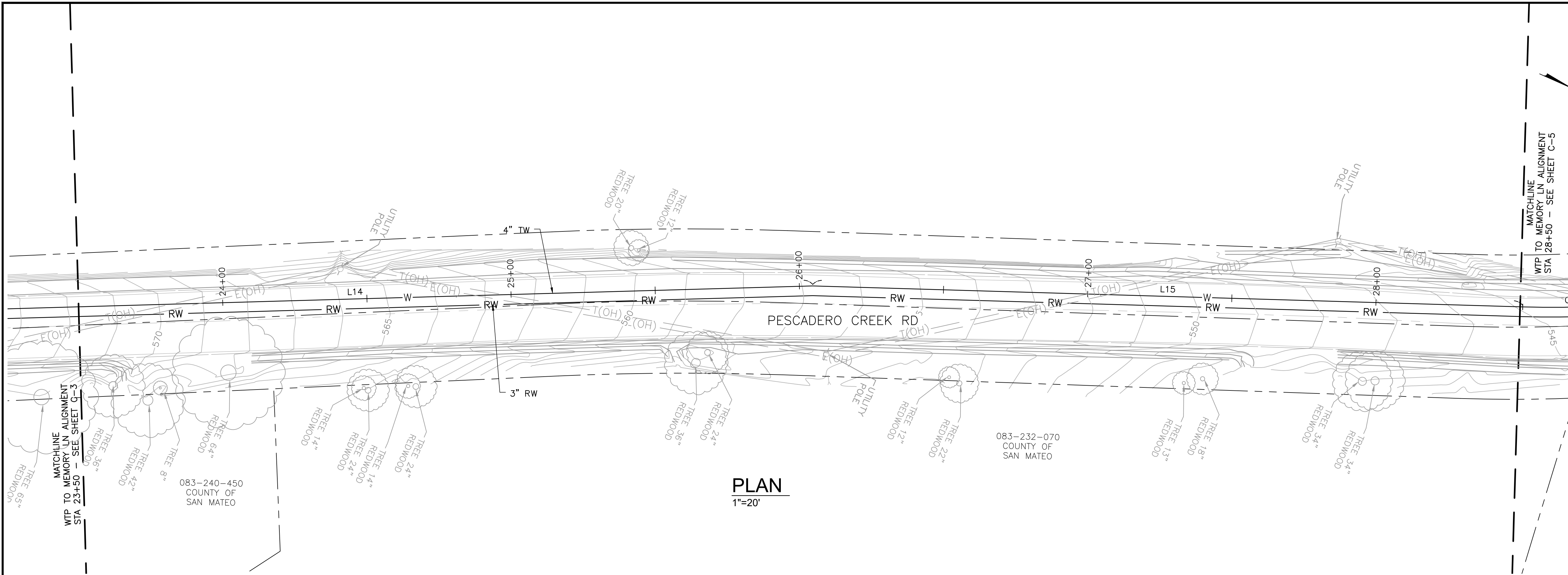
APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\S1\CSA7 WATERLINE\DELIVERABLES\E76279103.DWG (C-3)



APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882



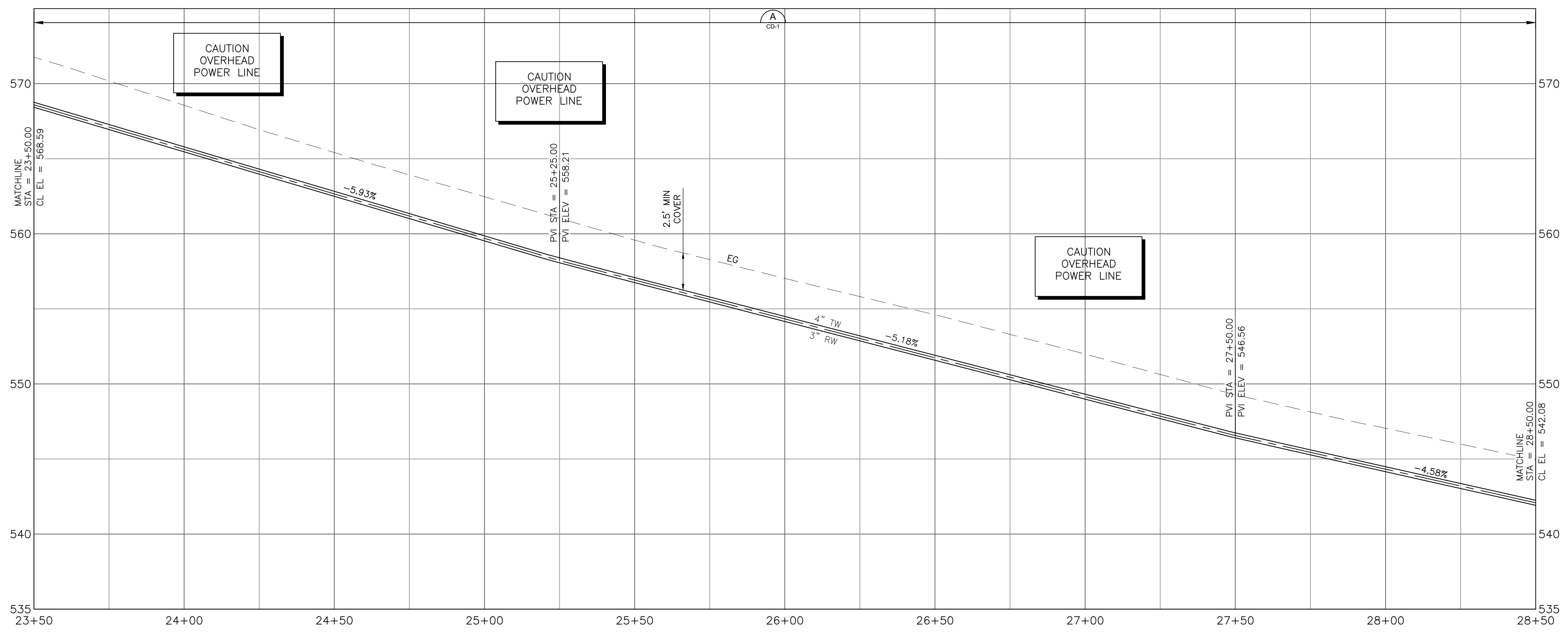
PLAN
1"=20'

SHEET NOTES:

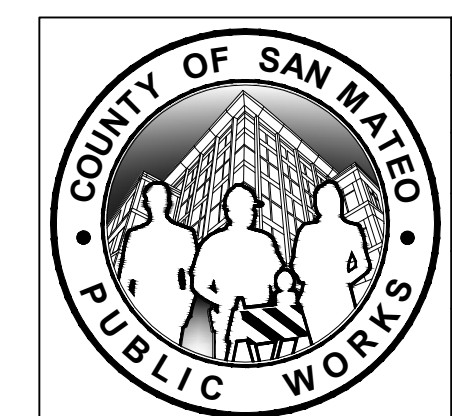
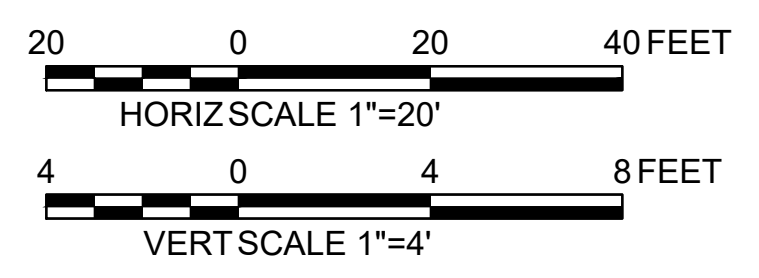
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2. WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINT LENGTH TABLE ON SHEET C-30.
4. CONTRACTOR SHALL MAINTAIN UNINTERRUPTED UTILITY SERVICE TO HOMEOWNERS AT ALL TIMES.
5. CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL LOCAL RESIDENTS AT ALL TIMES DURING CONSTRUCTION.
6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
7. IT IS THE CONTRACTORS RESPONSIBILITY FOR DEVELOPING THE MEANS AND METHODS TO EMPLOY DURING CONSTRUCTION TO ELIMINATE RISKS ASSOCIATED WITH IMPINGEMENT INTO ADJACENT BURIED UTILITIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.
8. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
9. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLINE BYPASS PLAY FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.

KEY NOTES:

- (NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
 3. PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 5. INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

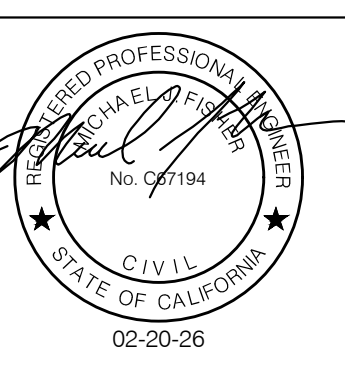


PROFILE
1"=20' HORIZ
1"=4' VERT



| | | | | |
|---|------|---|--|------------------------------|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | | WTP TO MEMORY LN ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA 23+50 TO 28+50 | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | 555 COUNTY CENTER, 5th FLOOR | | C-4 SHEET 10 OF 43 |
| SAN MATEO COUNTY | | REDWOOD CITY, CALIFORNIA 94063 | | |
| REVISION | DATE | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | |

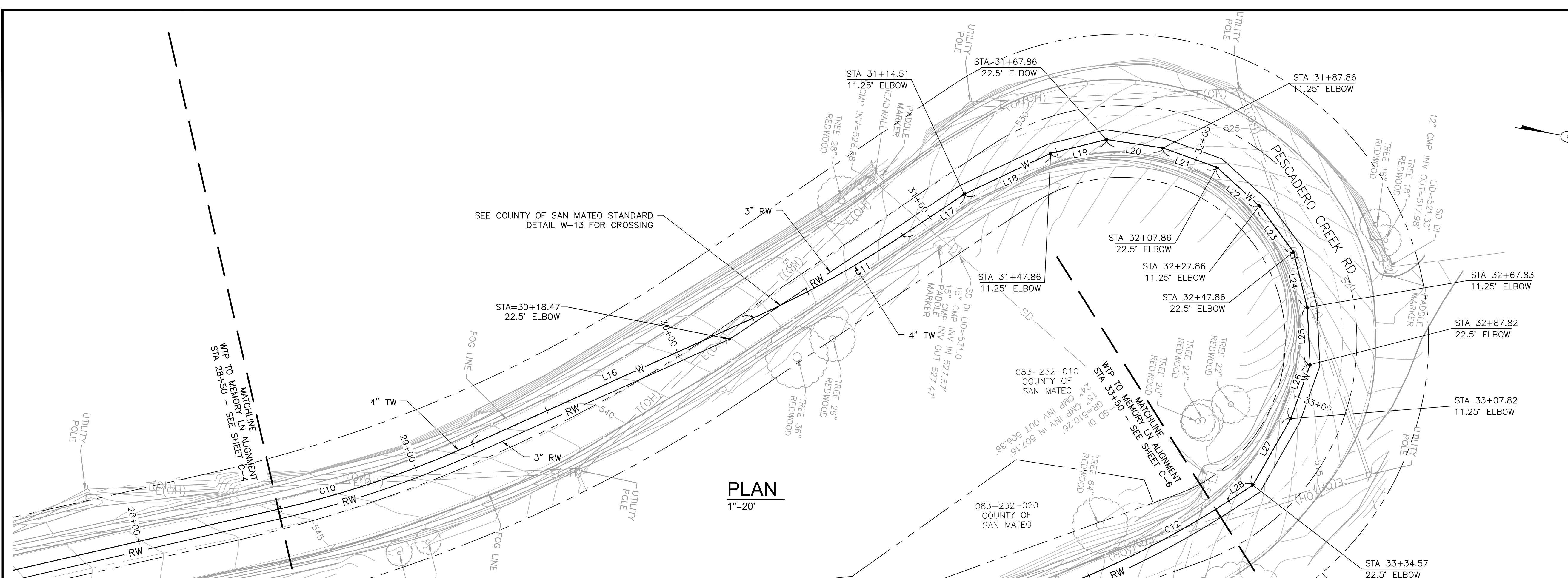
APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



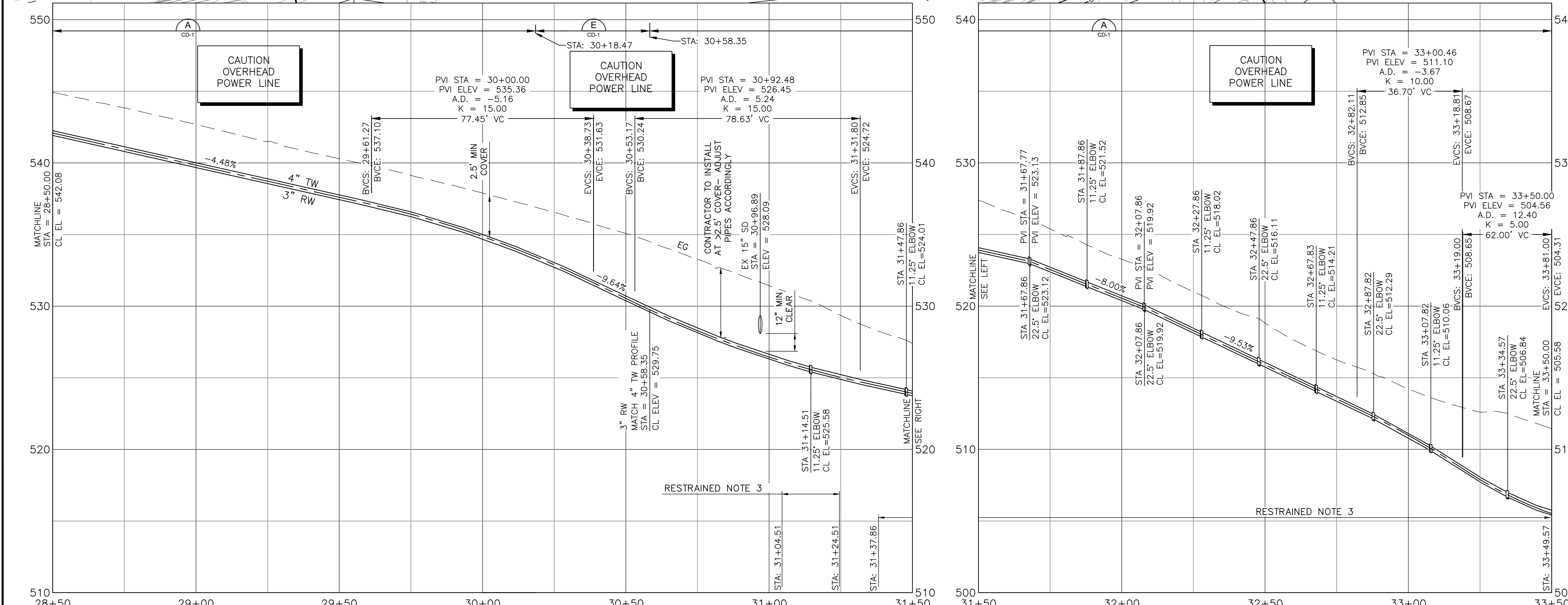
FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\S1\CSA7 WATERLINE\DELIVERABLES\E76279104.DWG (C-4)



APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882



- SHEET NOTES:**
1. PROVIDE 12" MIN CLEARANCE FROM OTHER UTILITIES UNLESS OTHERWISE NOTED.
 2. WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
 3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
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 6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
 7. CONTRACTOR SHALL EMPLOY NECESSARY SWPPP AND BMP MEASURED TO PROTECT EXISTING STORM DRAINS FROM CONSTRUCTION RUNOFF AND PREVENT CONTAMINANTS ENTERING STREAMS OR WATERWAYS. CONTRACTOR SHALL RESTORE ROAD SIDE DITCHES TO PRE-CONSTRUCTION CONDITION OR BETTER AND TO SATISFACTION OF THE OWNER.
 8. IT IS THE CONTRACTORS RESPONSIBILITY FOR DEVELOPING THE MEANS AND METHODS TO EMPLOY DURING CONSTRUCTION TO ELIMINATE RISKS ASSOCIATED WITH IMPINGEMENT INTO ADJACENT BURIED UTILITIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.
 9. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
 10. CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
 11. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLINE BYPASS PLAY FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.

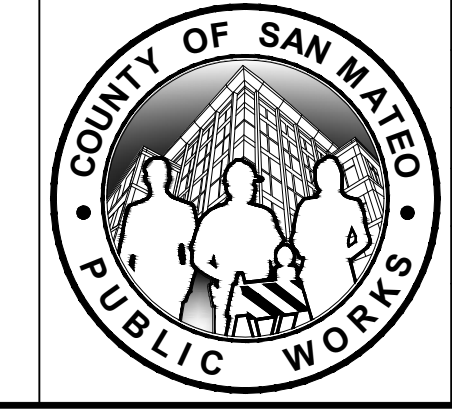
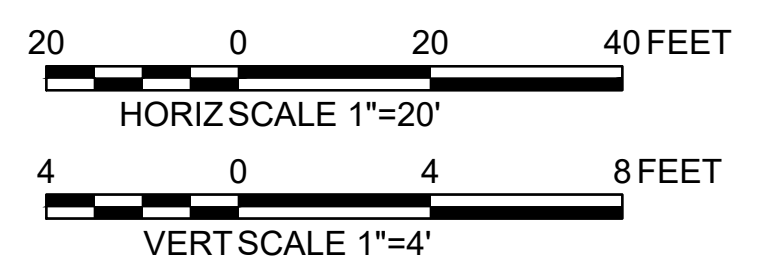


- KEY NOTES:**
 (NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
 3. PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 5. INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026

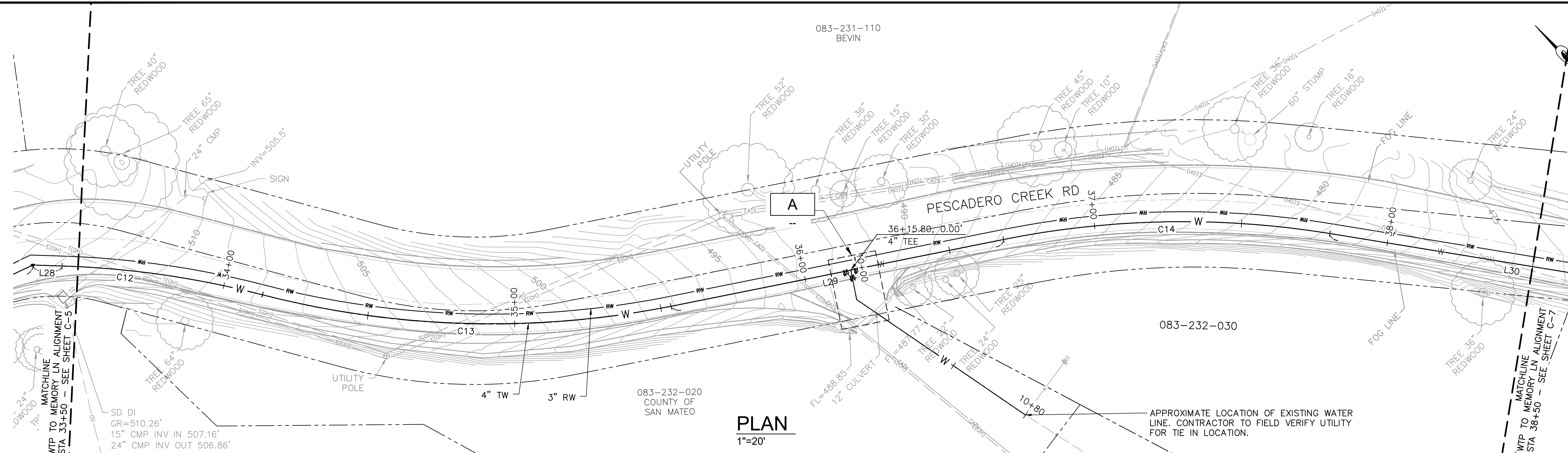


PROFILE
 1"=20' HORIZ
 1"=4' VERT

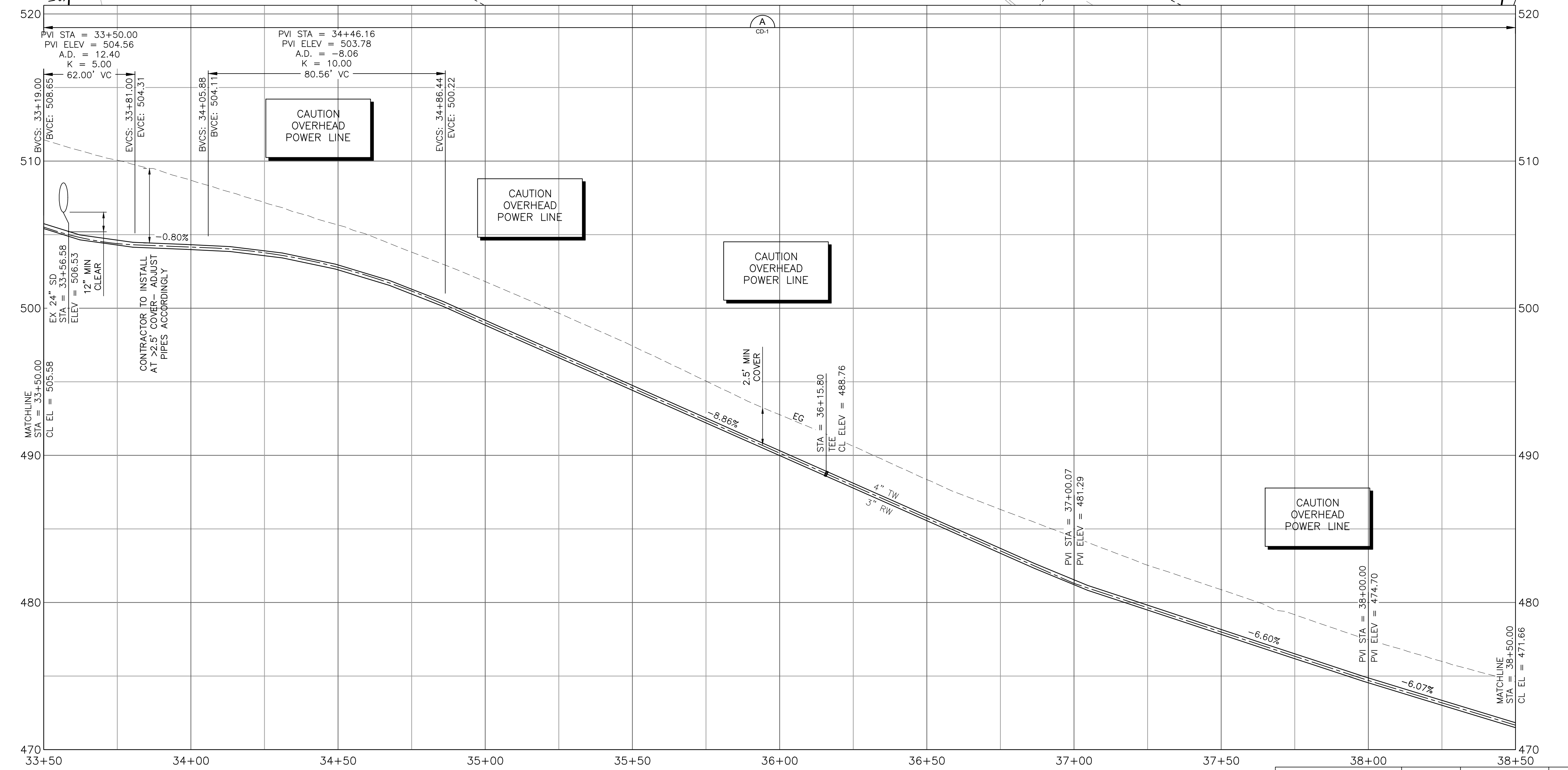


| | | |
|---|----------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 28+50 TO 33+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS SAN MATEO COUNTY | | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | C-5 SHEET 11 OF 43 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\51\51\51 WATERLINE\DELIVERABLES\76279105.DWG (C-5)



PLAN
1"=20'



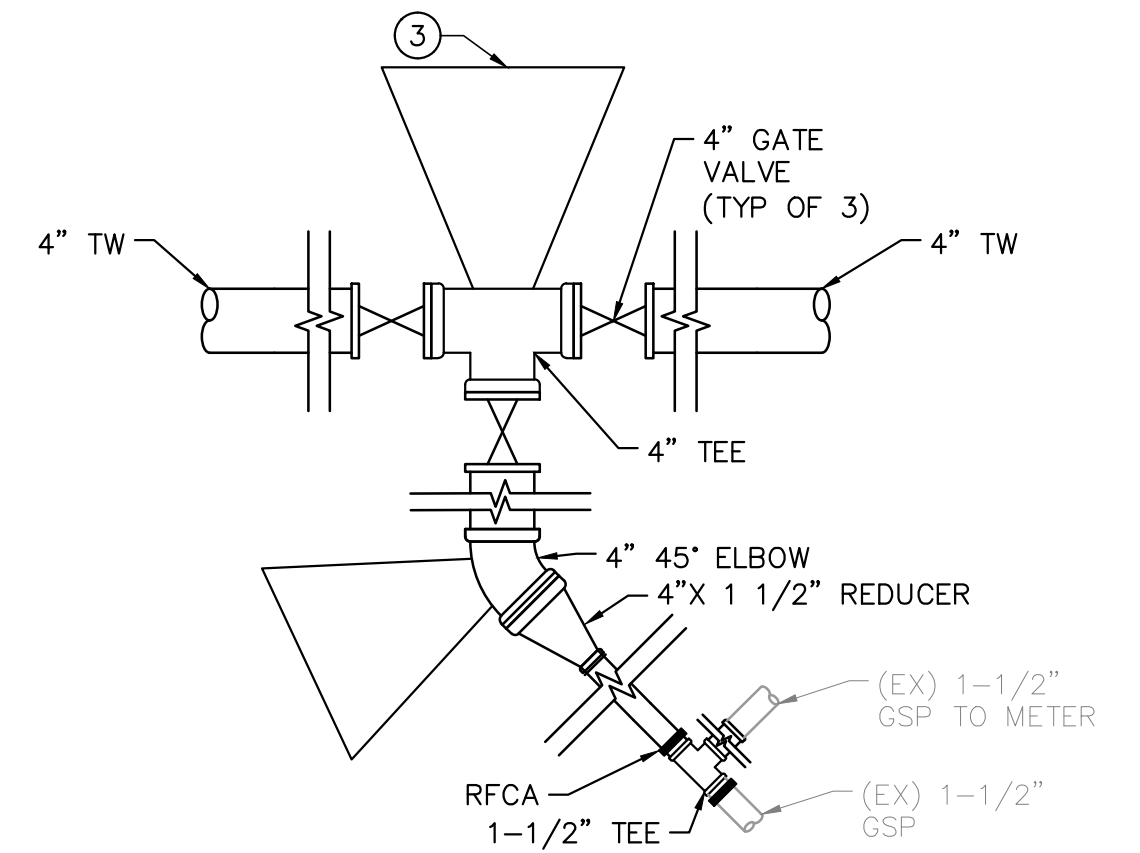
PROFILE
1"=20' HORIZ
1"=4' VERT



APPROVED: _____
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882

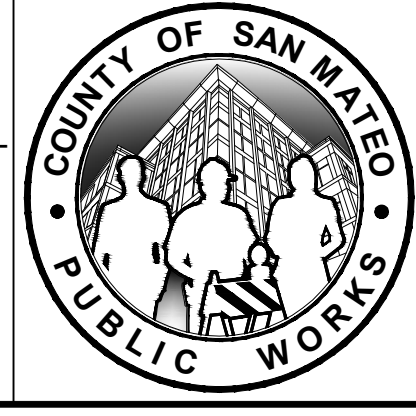
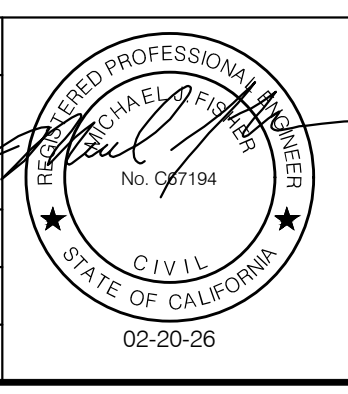
- SHEET NOTES:**
1. PROVIDE 12" MIN CLEARANCE FROM OTHER UTILITIES UNLESS OTHERWISE NOTED.
 2. WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
 3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
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 8. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
 9. CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
 10. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLINE BYPASS PLAY FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.

- KEY NOTES:**
(NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
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 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 5. INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.



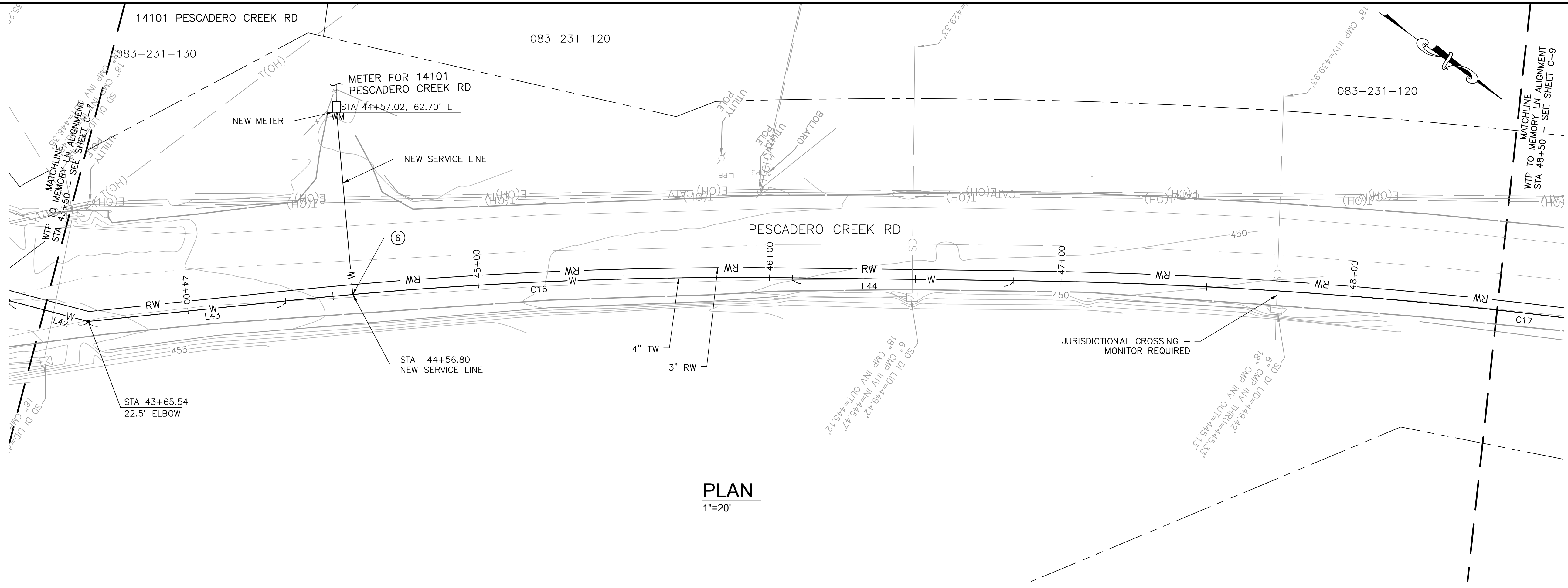
A MAIN TIE IN ALONG LOOP RD

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: _____
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026

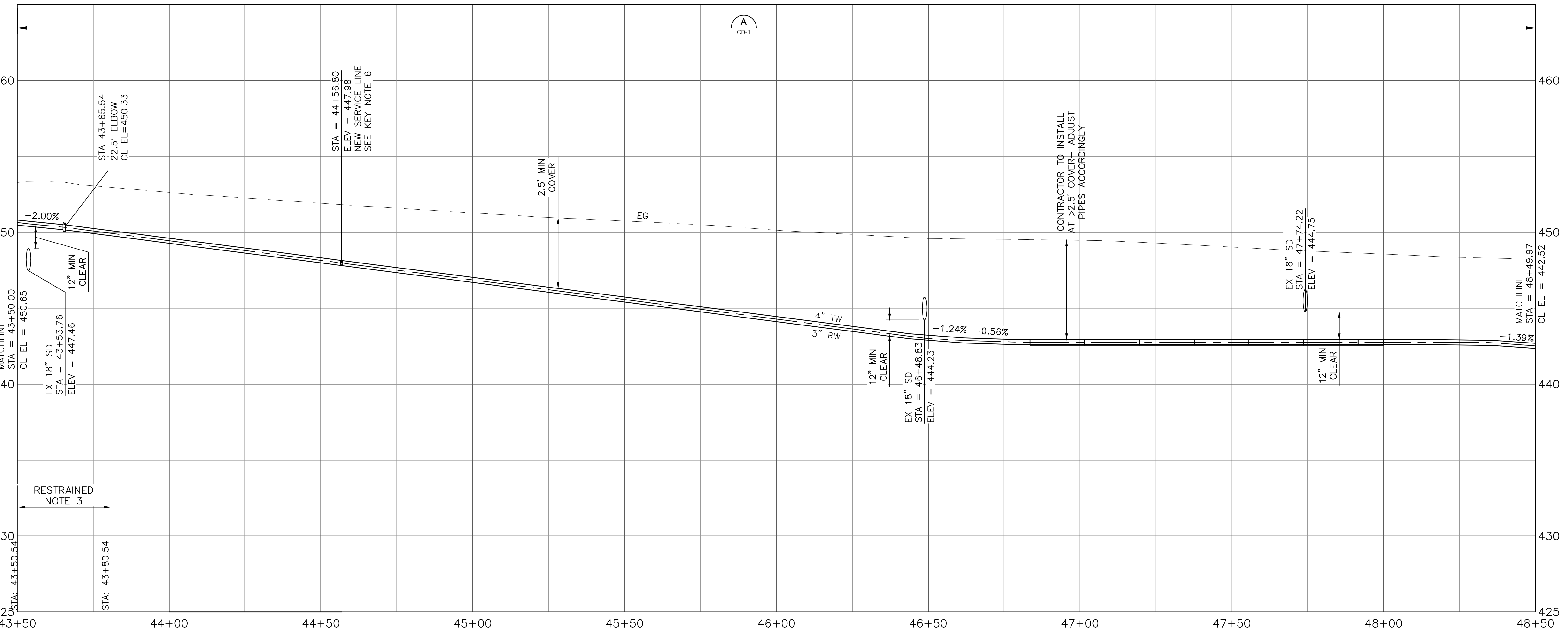


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|---|--------------------------------|-----------------------|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSH | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 33+50 TO 38+50 | FILE NO: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | C-6 SHEET 12 OF 43 |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\ISS\CSA7 WATERLINE\DELIVERABLES\E76279106.DWG (C-6)



PLAN
1"=20'



PROFILE
1"=20' HORIZ
1"=4' VERT

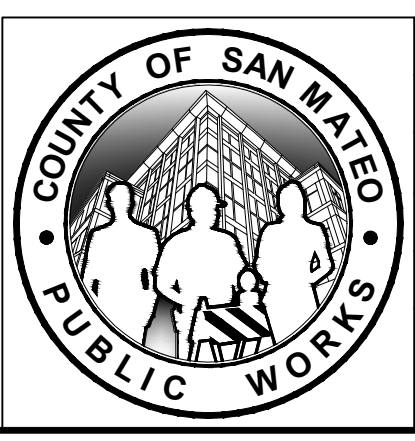
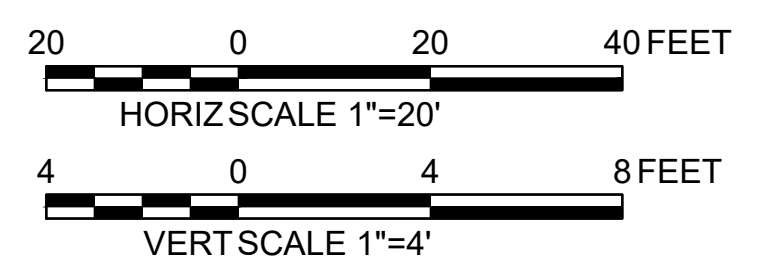
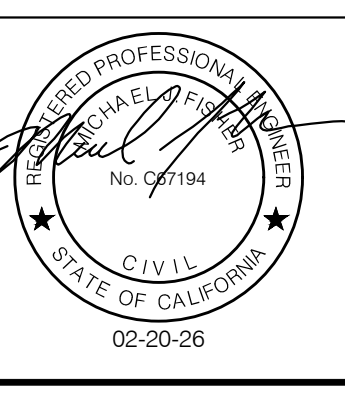


APPROVED:
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882

- SHEET NOTES:**
- PROVIDE 12" MIN CLEARANCE FROM OTHER UTILITIES UNLESS OTHERWISE NOTED.
 - WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
 - PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
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 - CONTRACTOR SHALL EMPLOY NECESSARY SWPPP AND BMP MEASURES TO PROTECT EXISTING STORM DRAINS FROM CONSTRUCTION RUNOFF AND PREVENT CONTAMINANTS FROM ENTERING STREAMS OR WATERWAYS. CONTRACTOR SHALL RESTORE ROAD SIDE DITCHES TO PRE-CONSTRUCTION CONDITIONS OR BETTER TO SATISFACTION OF THE OWNER.
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 - CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
 - UTILITY CROSSING PER DETAIL WW-15.
 - CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLINE BYPASS PLAY FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.

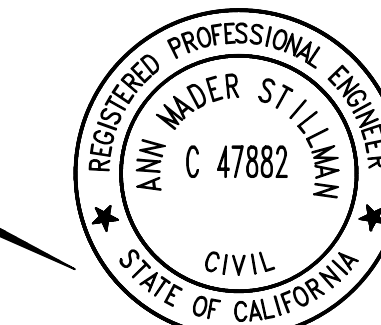
- KEY NOTES:**
(NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
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 - INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 - INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 - CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 - INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026

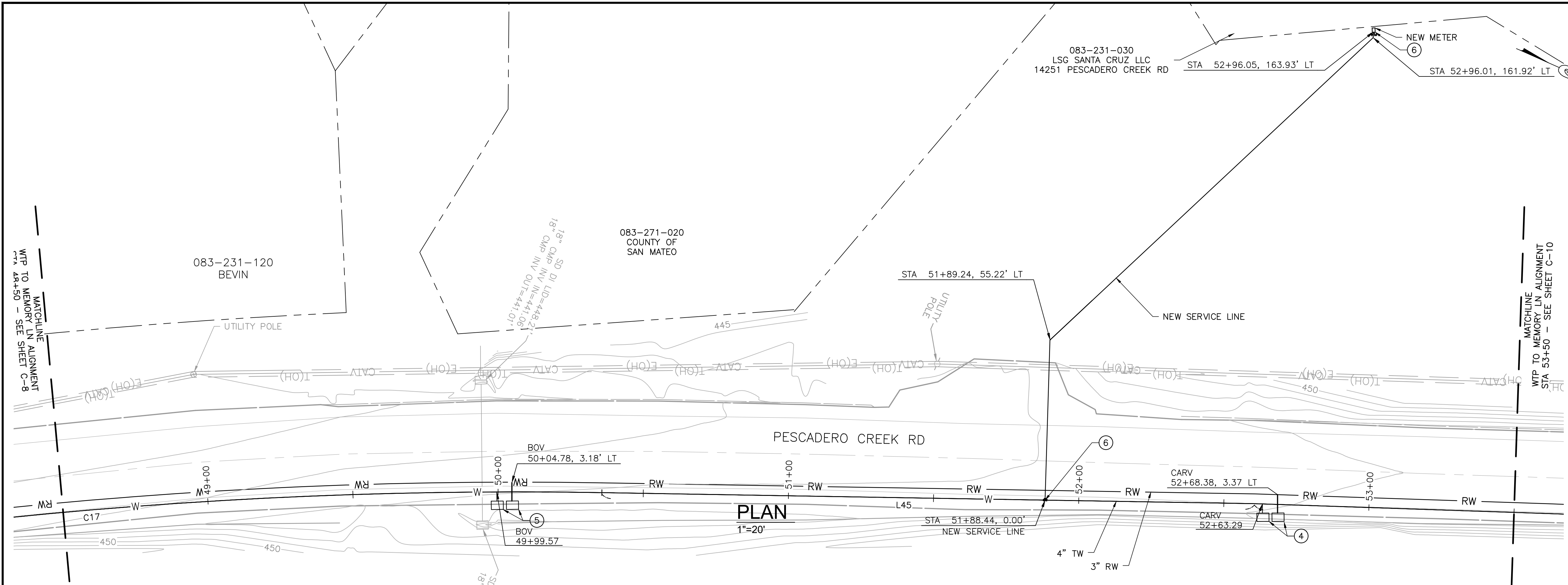


| | | | | |
|---|------|--|--|-----------------------|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHS | | WTP TO MEMORY LN ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA 43+50 TO 48+50 | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | 555 COUNTY CENTER, 5th FLOOR | | C-8 SHEET 14 OF 43 |
| SAN MATEO COUNTY | | REDWOOD CITY, CALIFORNIA 94063 | | |
| REVISION | DATE | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |

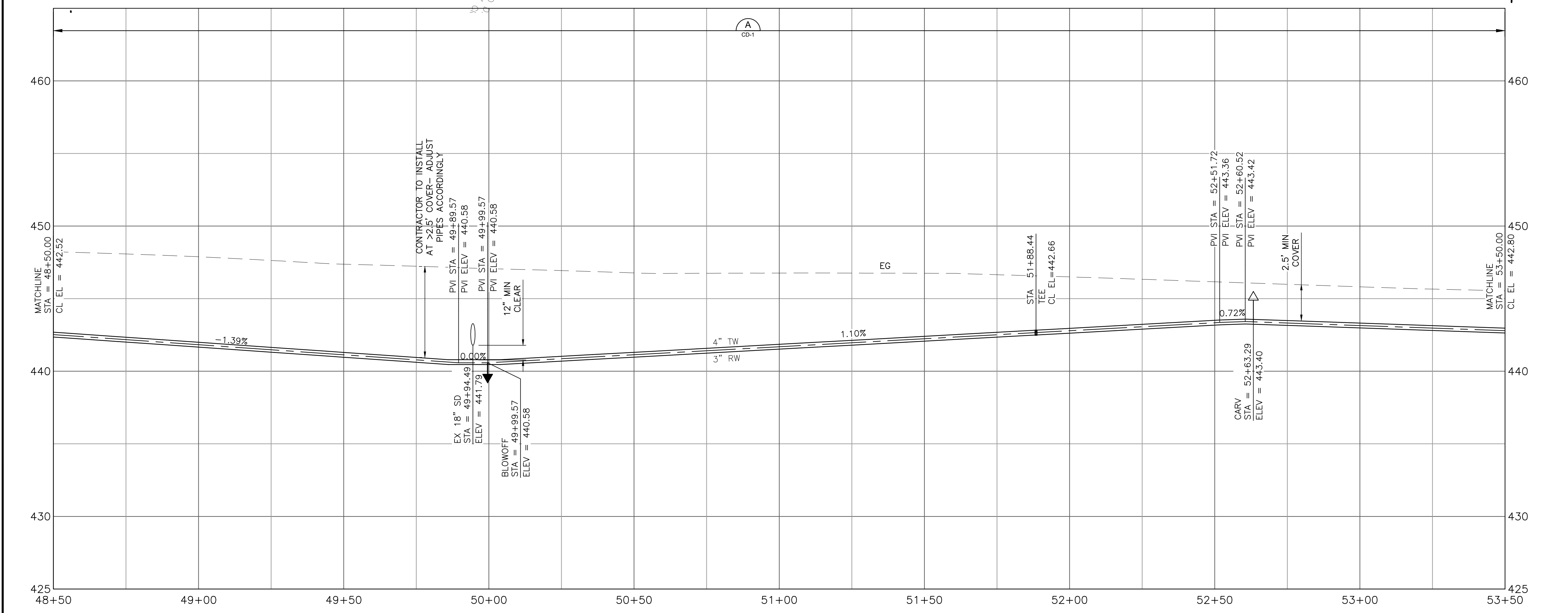
FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\181\CSA7 WATERLINE DELIVERABLES\176279108.DWG (C-8)



APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882



- SHEET NOTES:**
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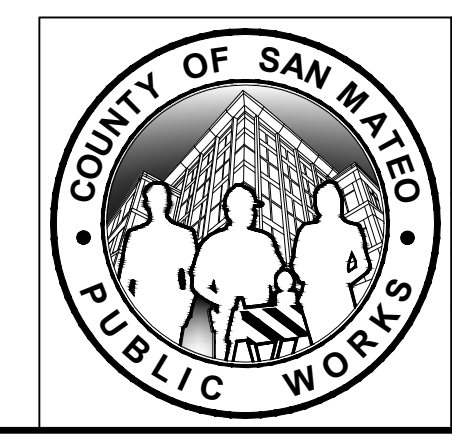
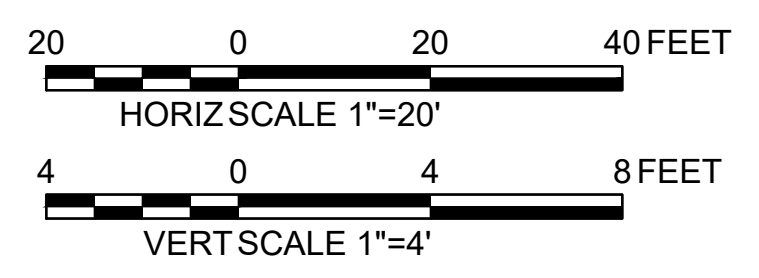


- KEY NOTES:**
 (NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
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 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
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 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



PROFILE
 1"=20' HORIZ
 1"=4' VERT

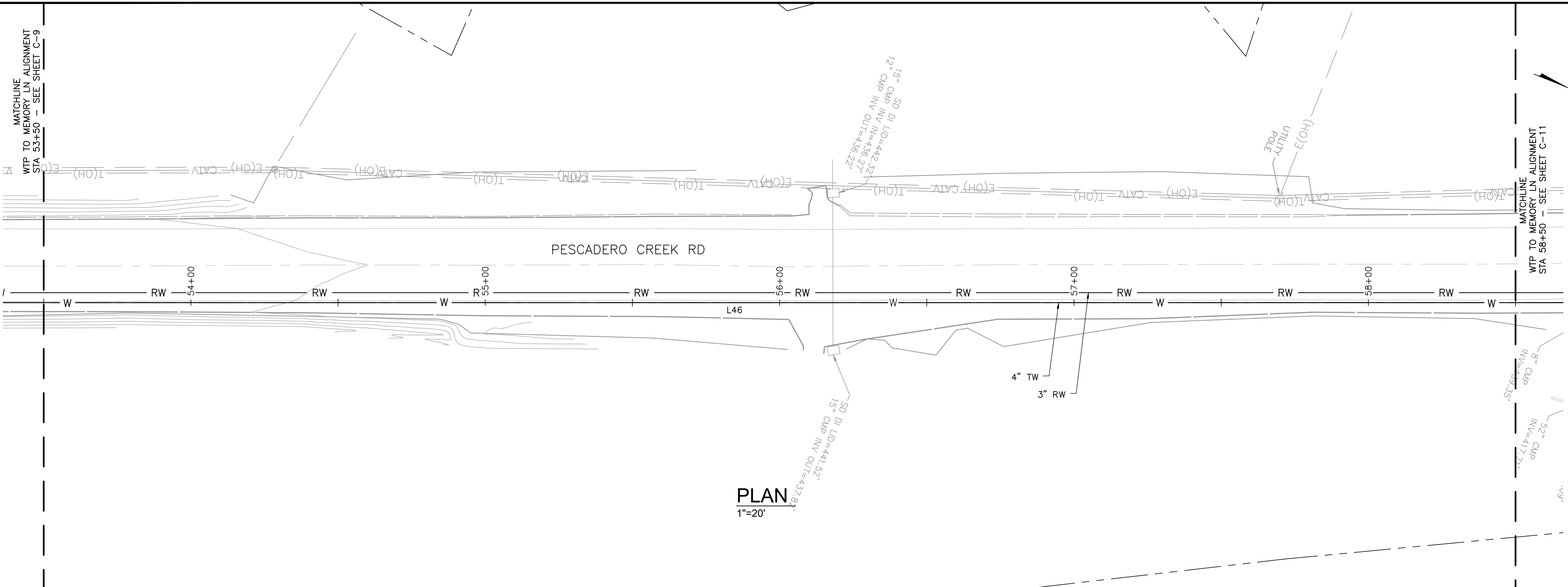


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|---|--------------------------------|-----------------------|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 48+50 TO 53+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | C-9 SHEET 15 OF 43 |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |

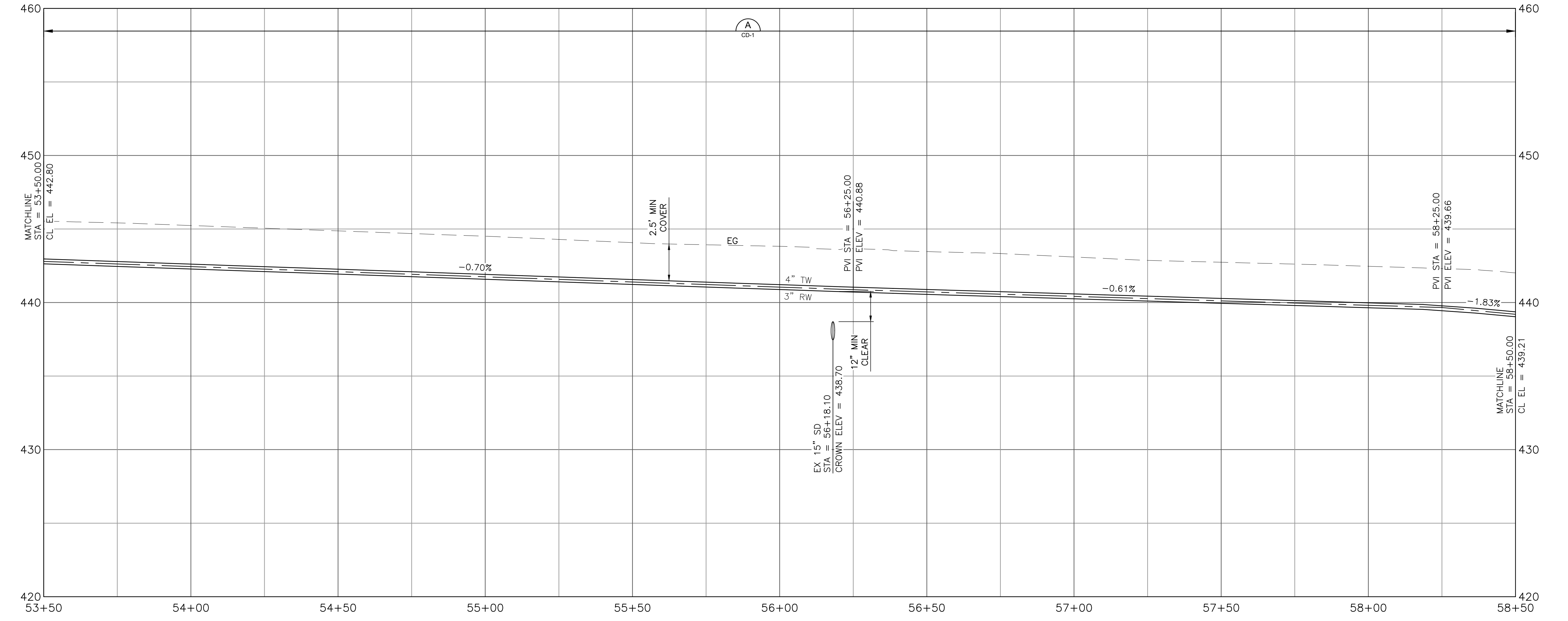
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

REVISION DATE

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\S1\CSA7 WATERLINE\DELIVERABLES\76279109.DWG (C-9)
 PLOT TIME: 10:47:42 AM



PLAN
1"=20'



PROFILE
1"=20' HORIZ
1"=4' VERT



APPROVED:
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882

SHEET NOTES:

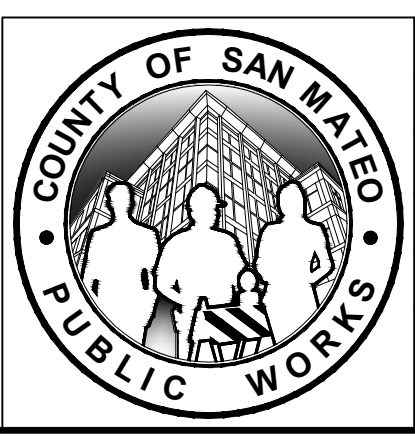
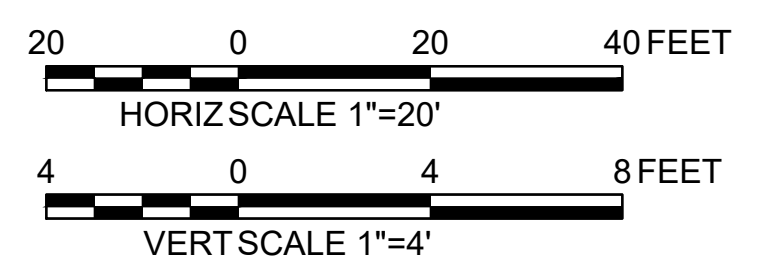
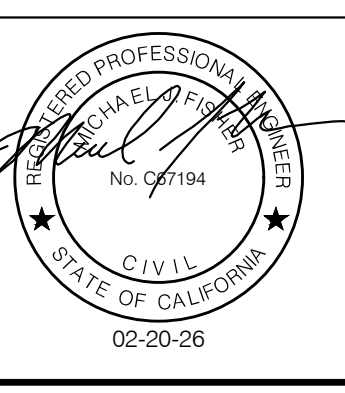
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- ⑥ CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
- ⑦ INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026



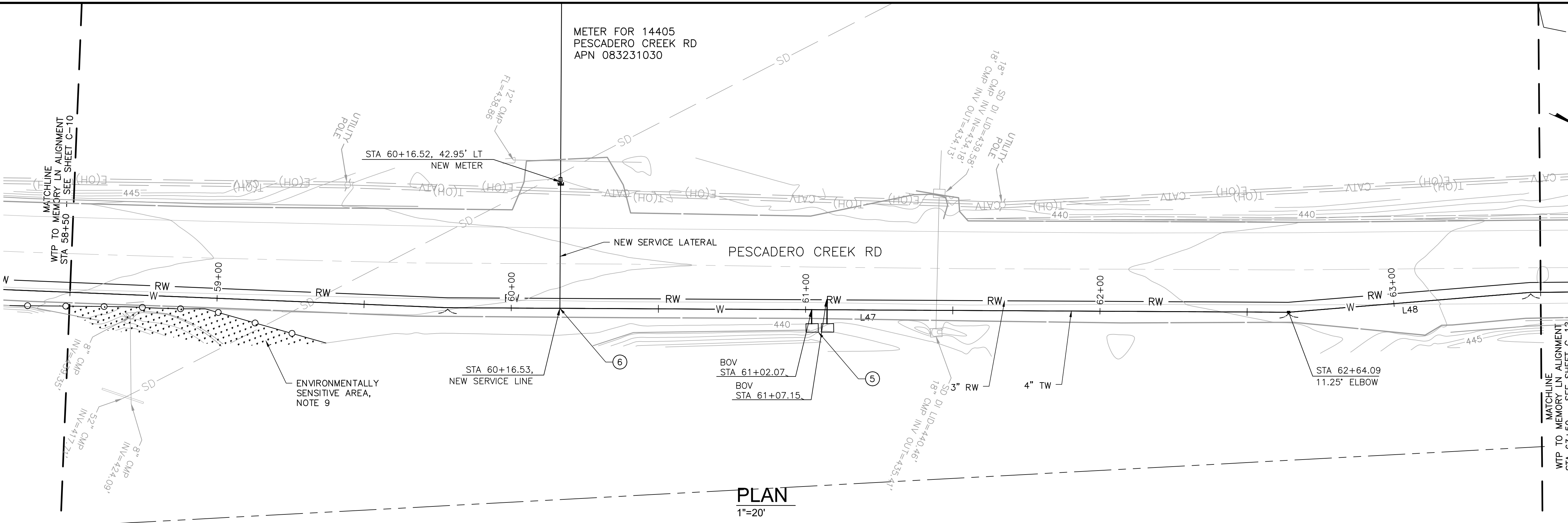
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|---|--------------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 53+50 TO 58+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| REVISION | DATE | C-10 SHEET 16 OF 43 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\S1\CSA7 WATERLINE\DELIVERABLES\E76279110.DWG (C-10)

METER FOR 14405
PESCADERO CREEK RD
APN 083231030



APPROVED:
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882



PLAN
1"=20'

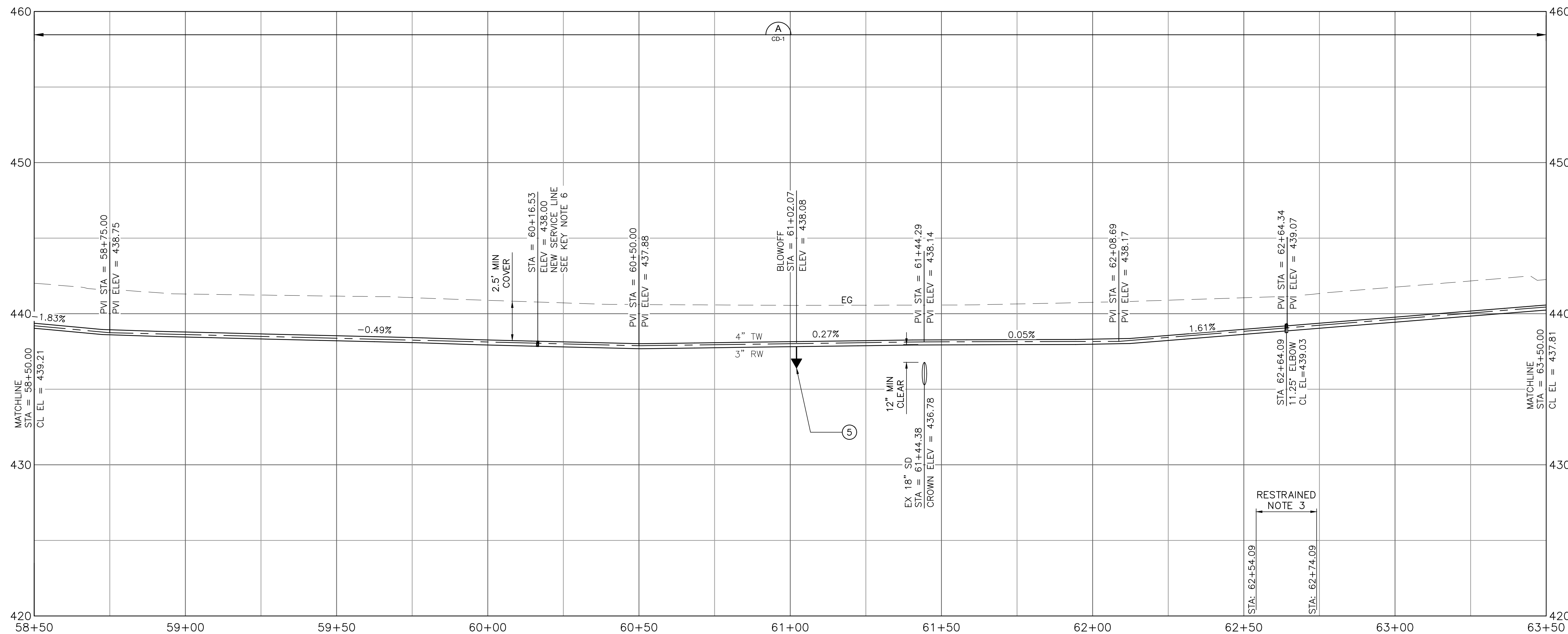
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- CONTRACTOR SHALL PROTECT ENVIRONMENTALLY SENSITIVE AREAS IN PLACE AND KEEP ALL CONSTRUCTION ACTIVITIES AWAY FROM THESE AREAS. CONTRACTOR SHALL INSTALL SILT FENCE TRENCHED IN GROUND AND WATTLES (NO PLASTIC MONOFILAMENT) AND OTHER PROPER SWPPP BMPs AROUND ENVIRONMENTALLY SENSITIVE AREAS.
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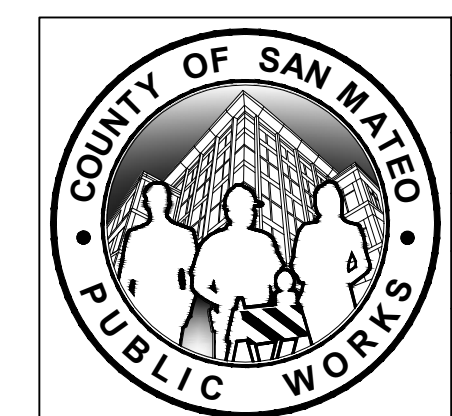
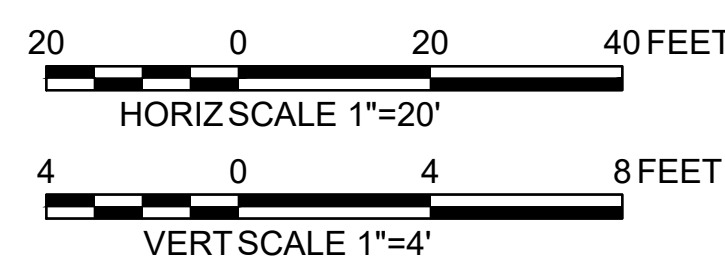
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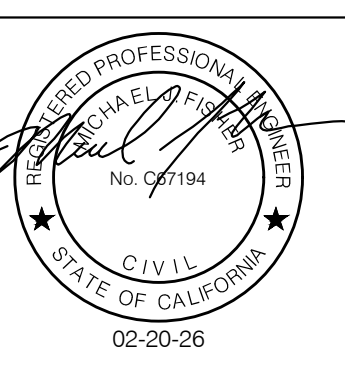


PROFILE
1"=20' HORIZ
1"=4' VERT



| | | |
|---|----------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 58+50 TO 63+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | SAN MATEO COUNTY | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 |
| REVISION | DATE | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |
| | | C-11 SHEET 12 OF 43 |

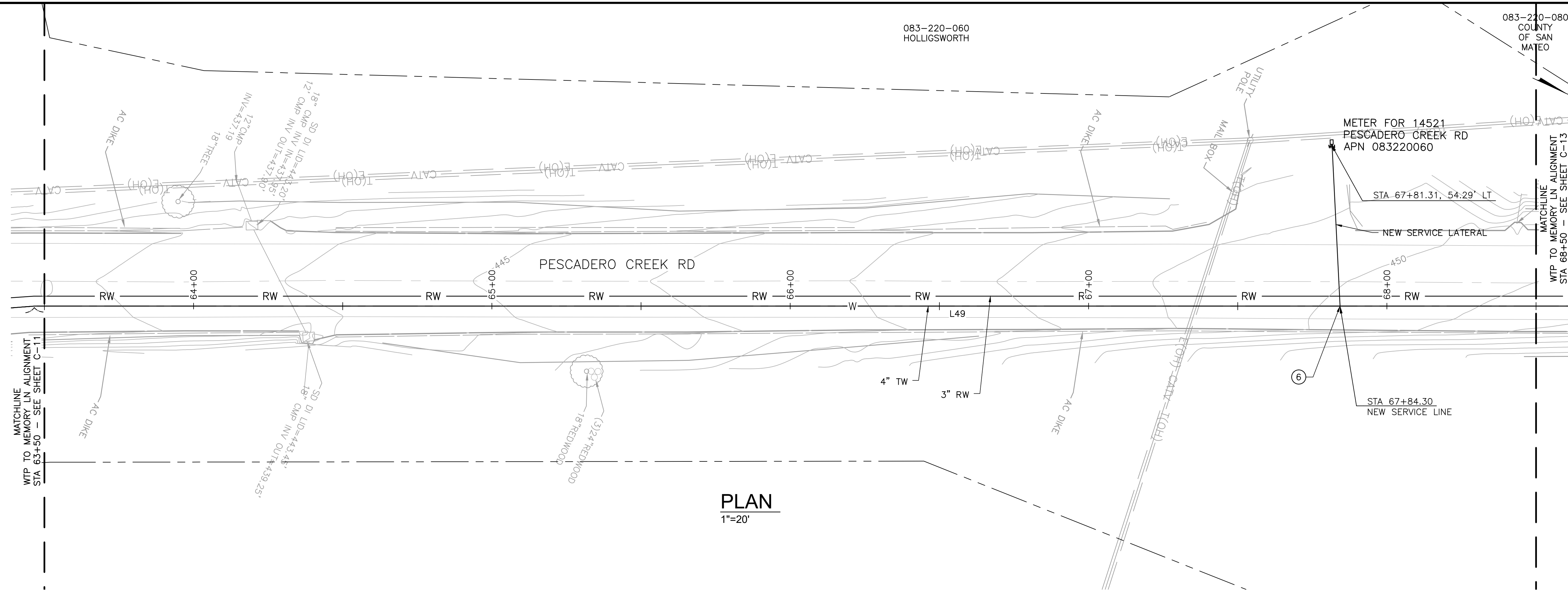
APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026



FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\S1\CSA7 WATERLINE\DELIVERABLES\76279111.DWG (C-11)



APPROVED: _____
DATE: FEBRUARY 20, 2026
Ann Mader Stillman
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882



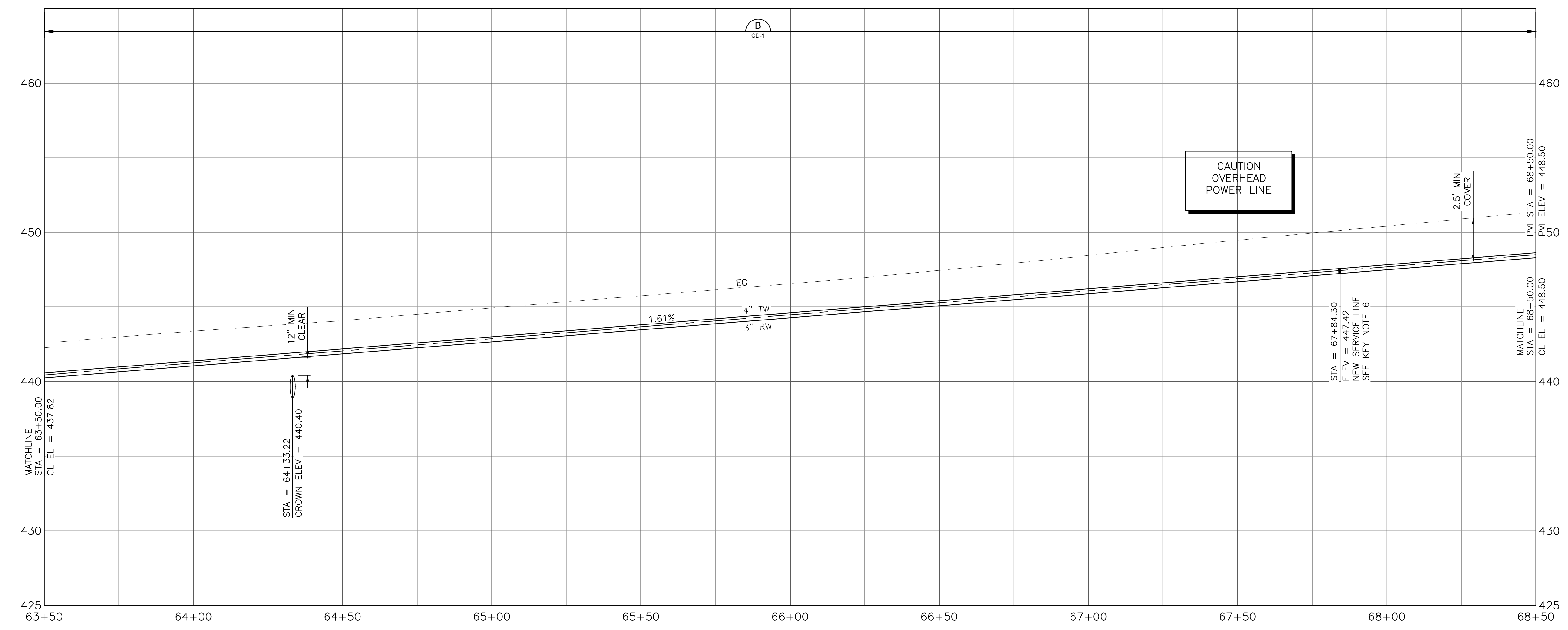
PLAN
1"=20'

SHEET NOTES:

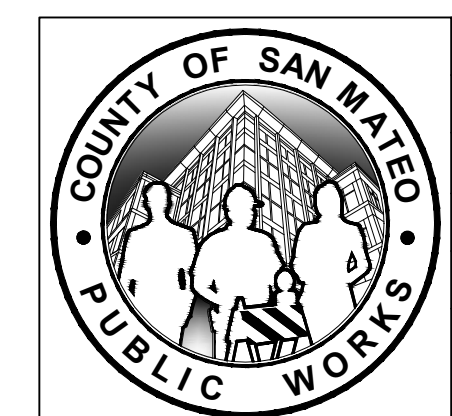
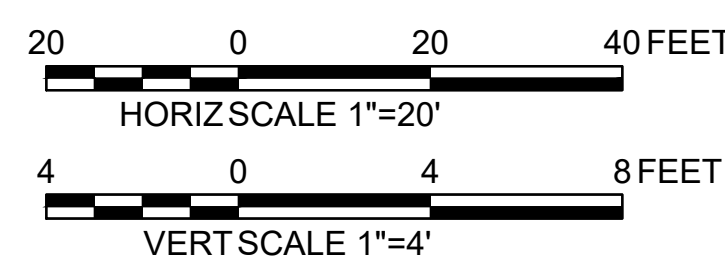
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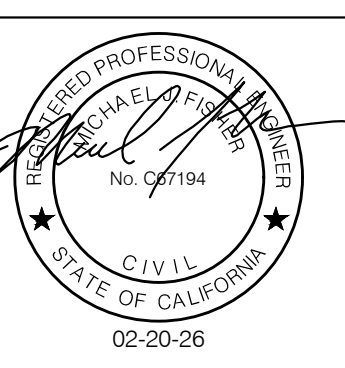


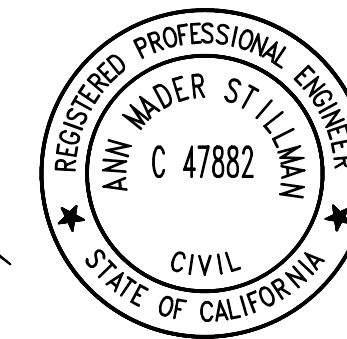
PROFILE
1"=20' HORIZ
1"=4' VERT



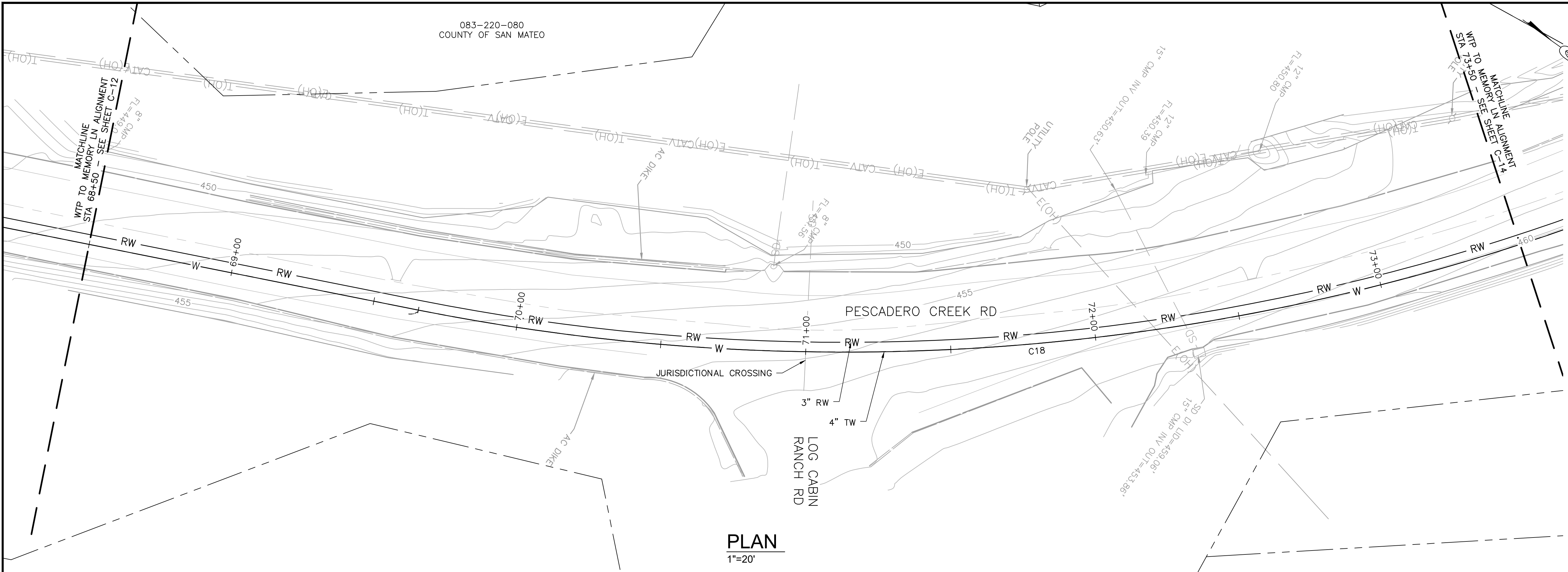
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| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 63+50 TO 68+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | C-12 SHEET 18 OF 43 |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026





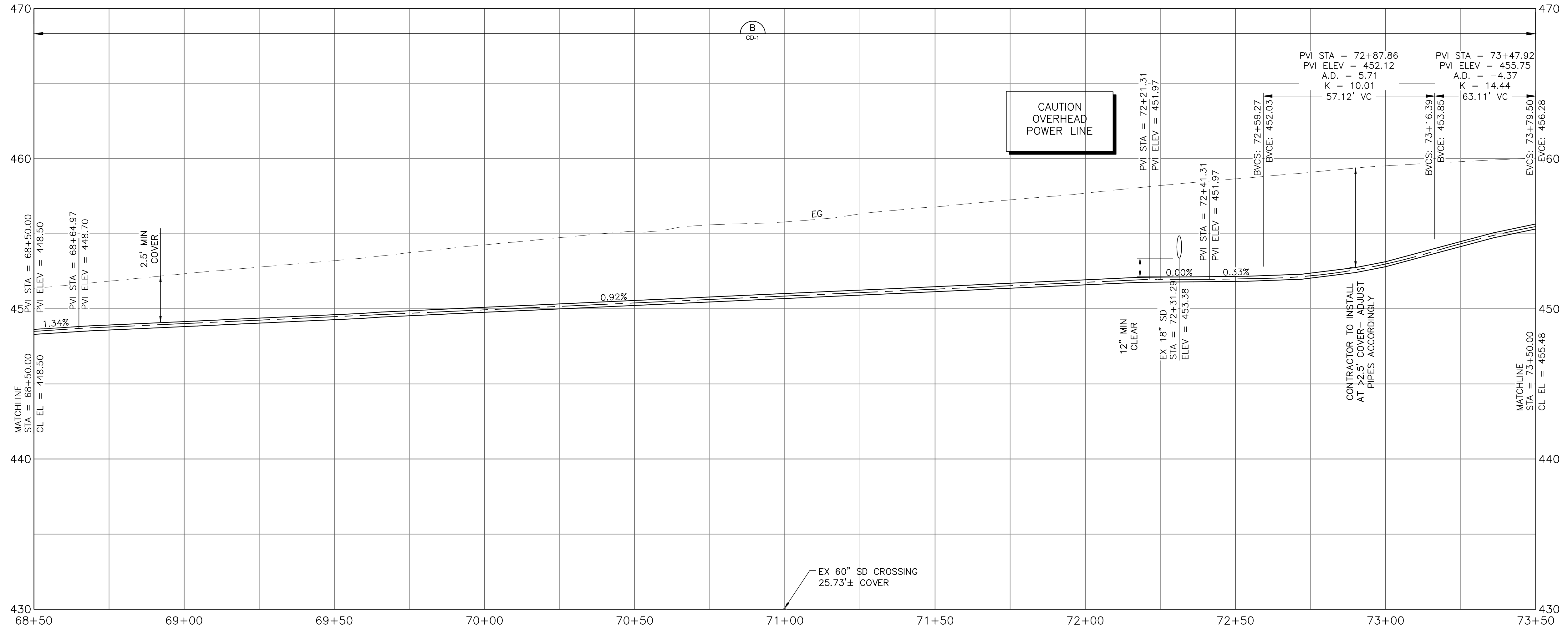
APPROVED:
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882



PLAN
1"=20'

SHEET NOTES:

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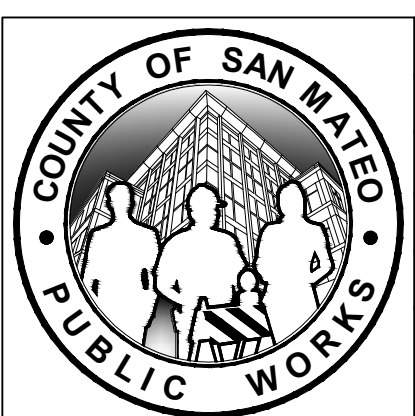
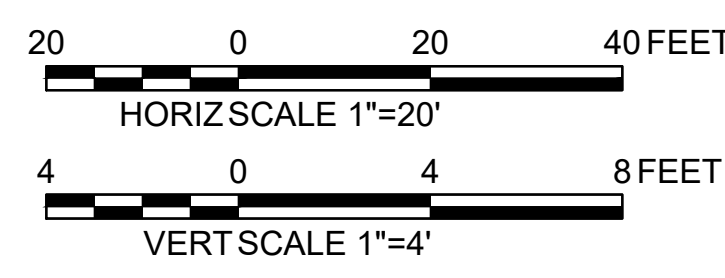
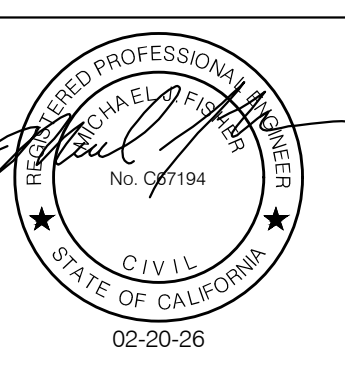


PROFILE
1"=20' HORIZ
1"=4' VERT

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APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026



| | | | | |
|---|------|--------------------------------|--|--|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHS | | WTP TO MEMORY LN ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA 68+50 TO 73+50 | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | 555 COUNTY CENTER, 5th FLOOR | | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES |
| SAN MATEO COUNTY | | REDWOOD CITY, CALIFORNIA 94063 | | |
| REVISION | DATE | 0 1 2 3 4 | | C-13 SHEET 19 OF 43 |



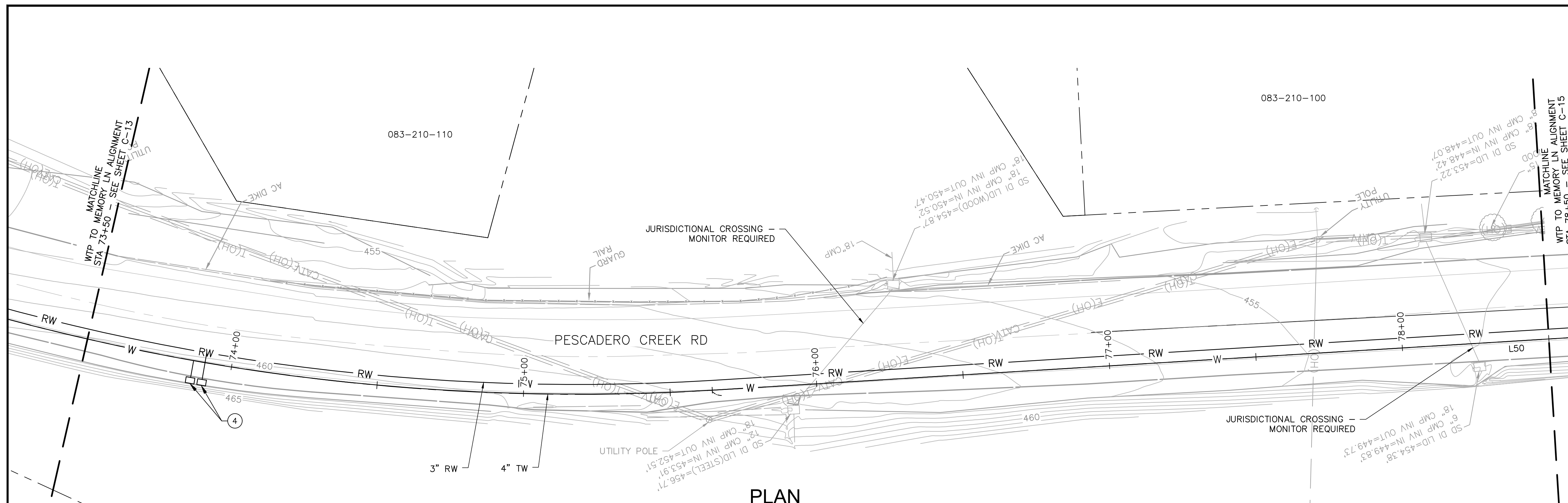
APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882

SHEET NOTES:

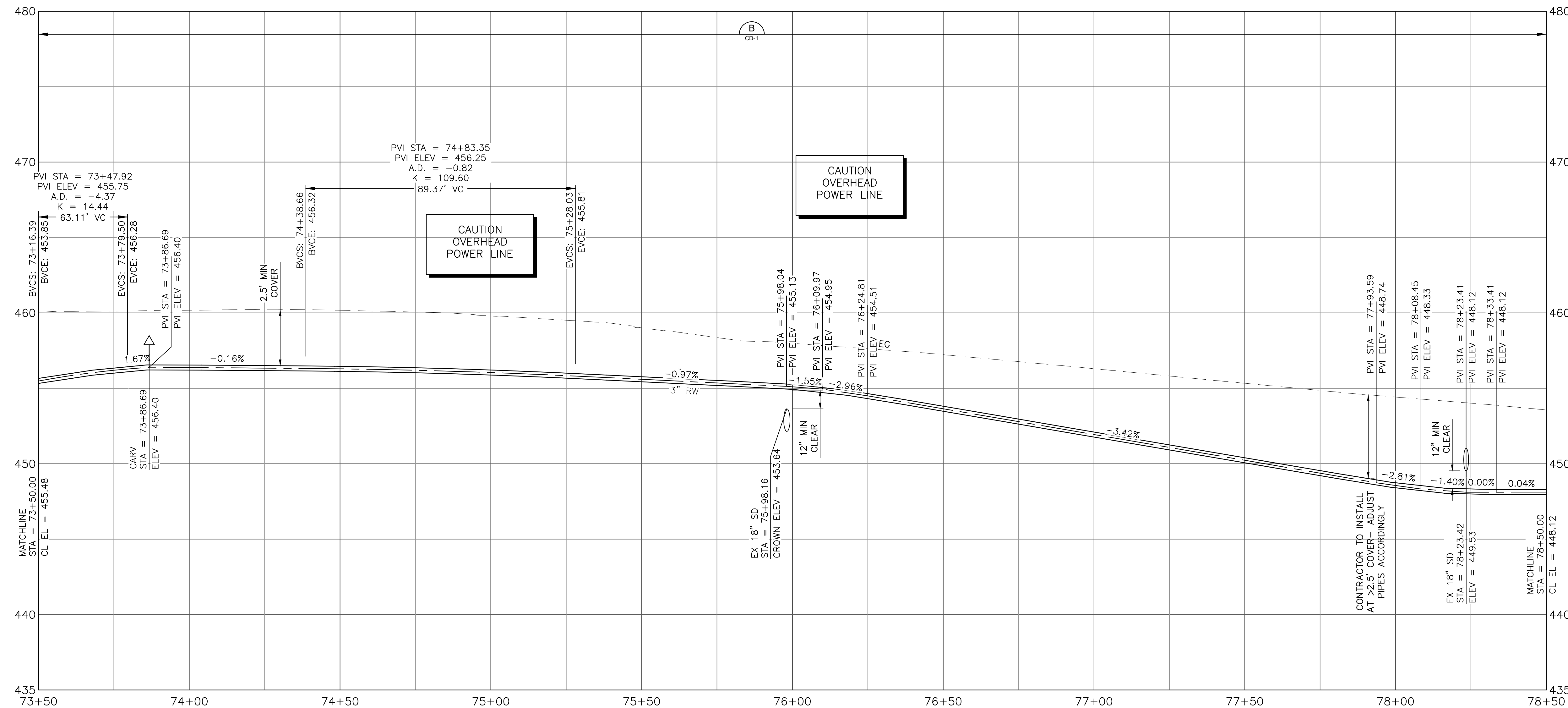
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- SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
- CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
- UTILITY CROSSING PER DETAIL WW-15.
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KEY NOTES:

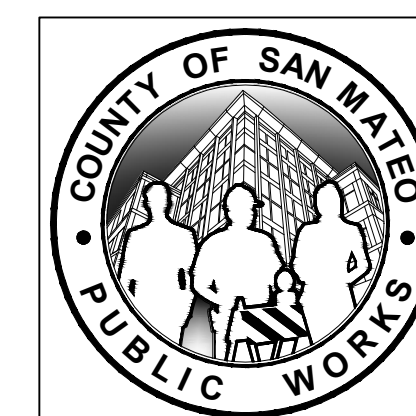
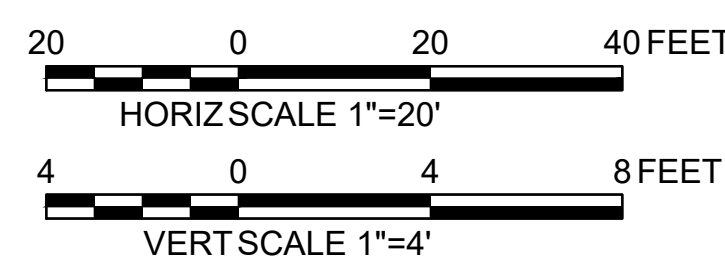
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 - PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
 - INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 - INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 - CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 - INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.



PLAN
1"=20'

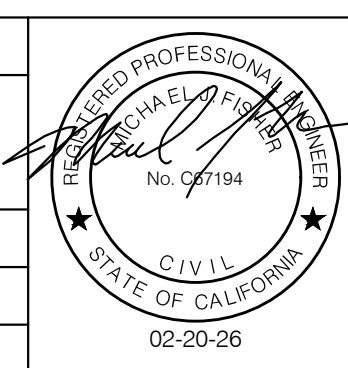


PROFILE
1"=20' HORIZ
1"=4' VERT

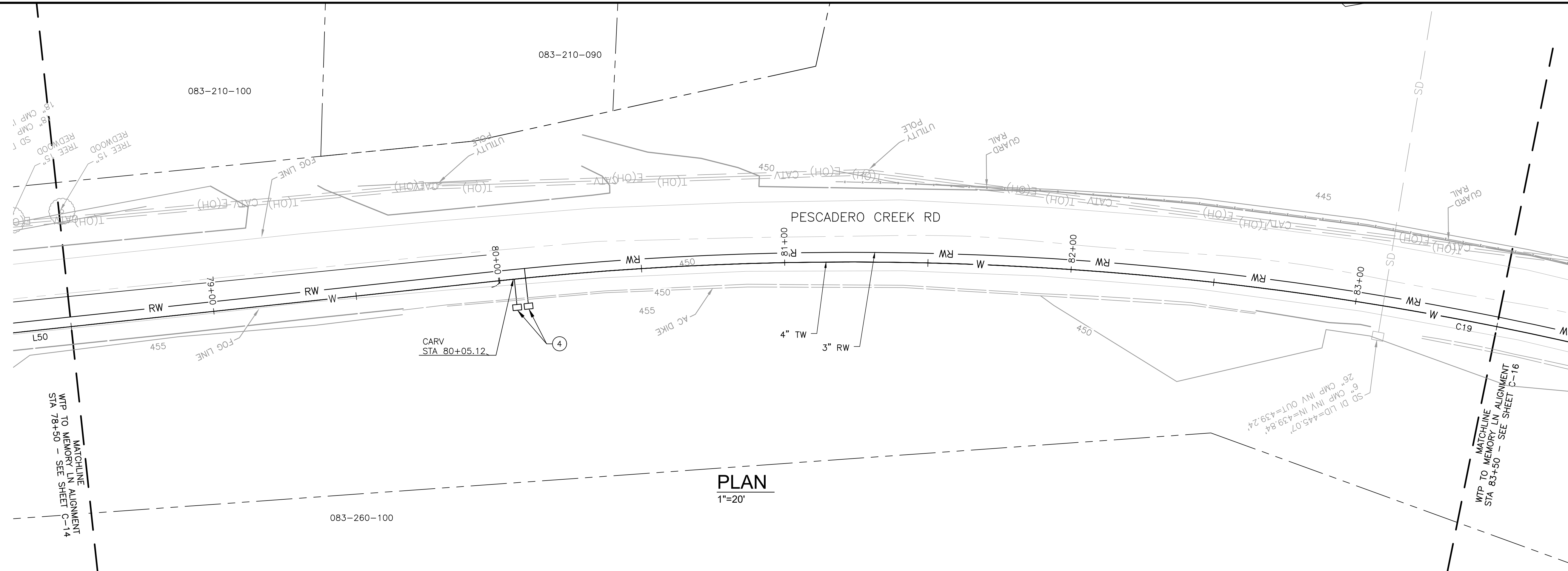


| | | |
|---|----------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 73+50 TO 78+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS SAN MATEO COUNTY | | 555 COUNTY CENTER, 5TH FLOOR REDWOOD CITY, CALIFORNIA 94063 |
| REVISION | DATE | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |
| | | C-14 SHEET 20 OF 43 |

APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\181\CSA7 WATERLINE\DELIVERABLES\76279114.DWG (C-14)



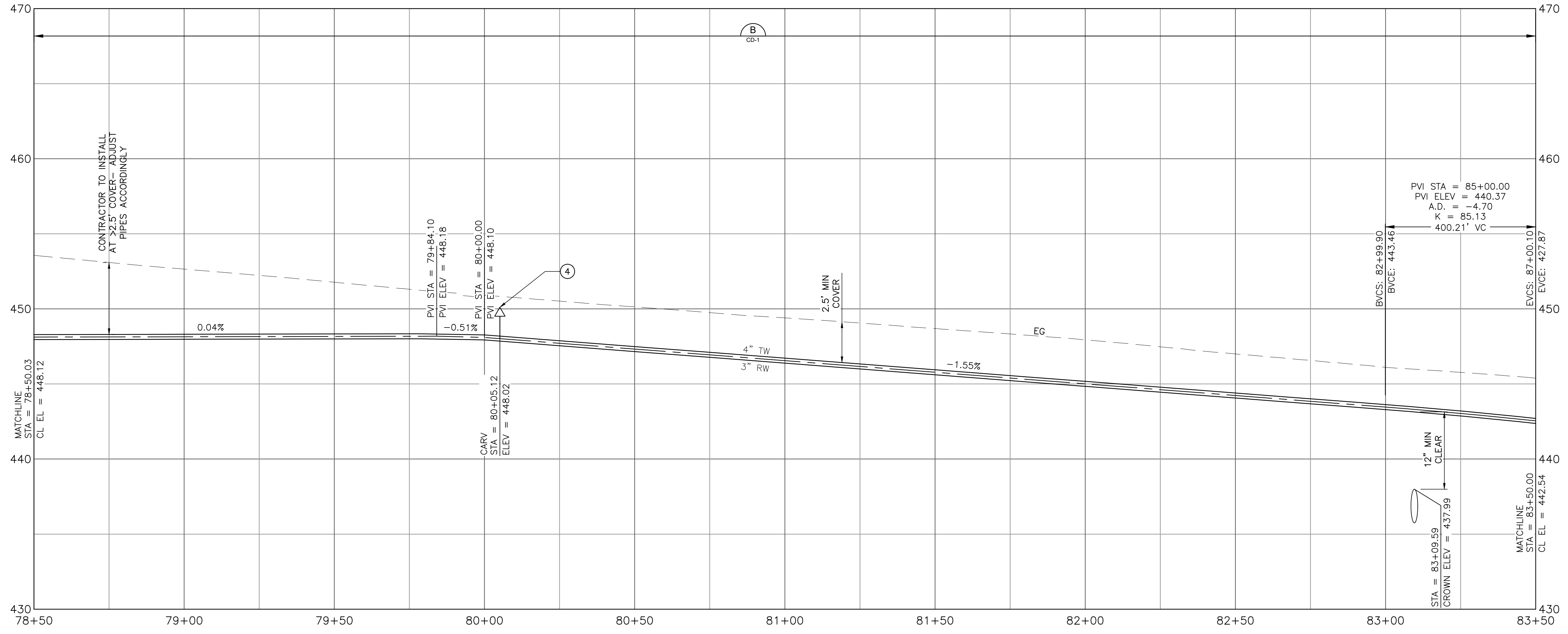
PLAN
1"=20'



APPROVED:
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882

SHEET NOTES:

1. PROVIDE 12" MIN CLEARANCE FROM OTHER UTILITIES UNLESS OTHERWISE NOTED.
2. WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
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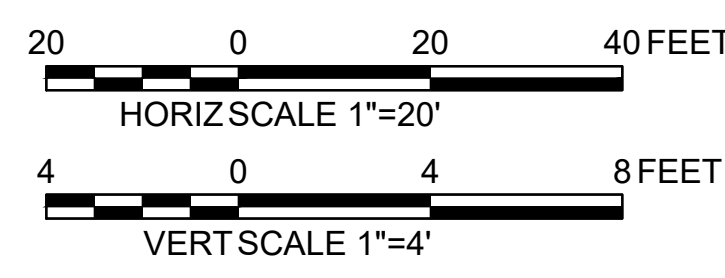
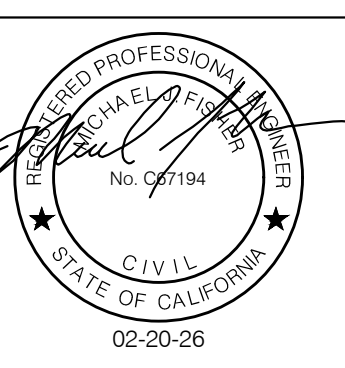


PROFILE
1"=20' HORIZ
1"=4' VERT

KEY NOTES:

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 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026

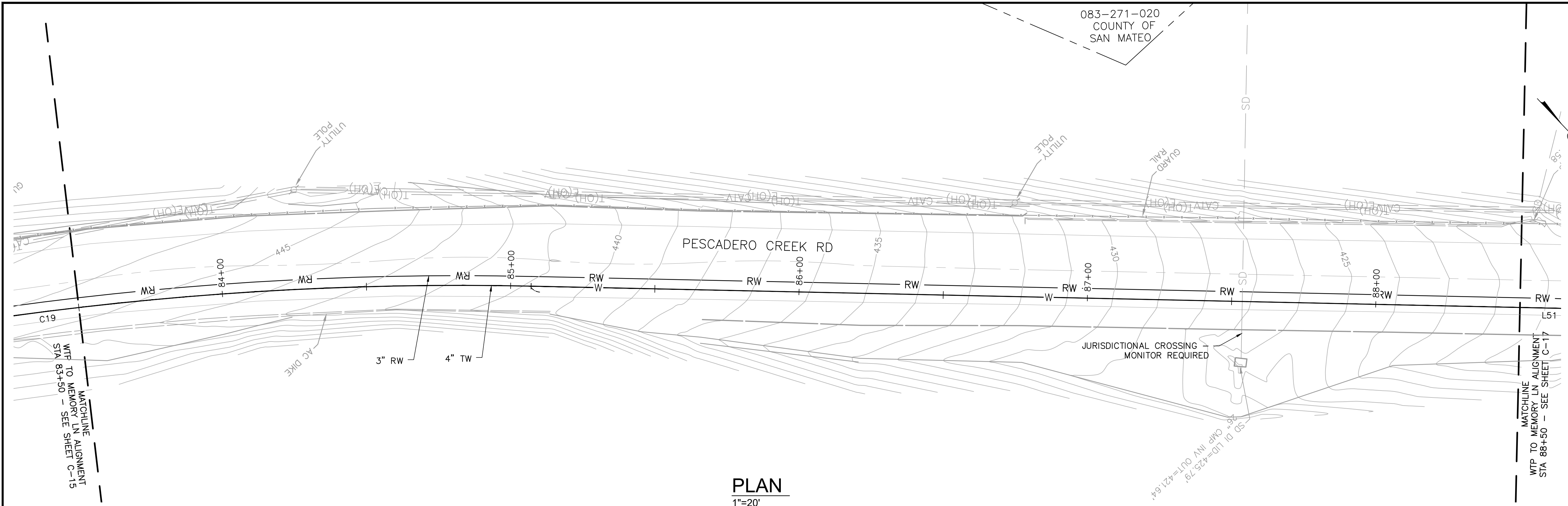


| | | |
|---|----------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 78+50 TO 83+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | SAN MATEO COUNTY | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 |
| REVISION | DATE | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES |
| | | 0 1 2 3 4 |
| | | C-15 SHEET 21 OF 43 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\S1\CSA7 WATERLINE\DELIVERABLES\7627915.DWG (C-15)



APPROVED:
DATE: FEBRUARY 20, 2026
Ann Mader Stillman
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882



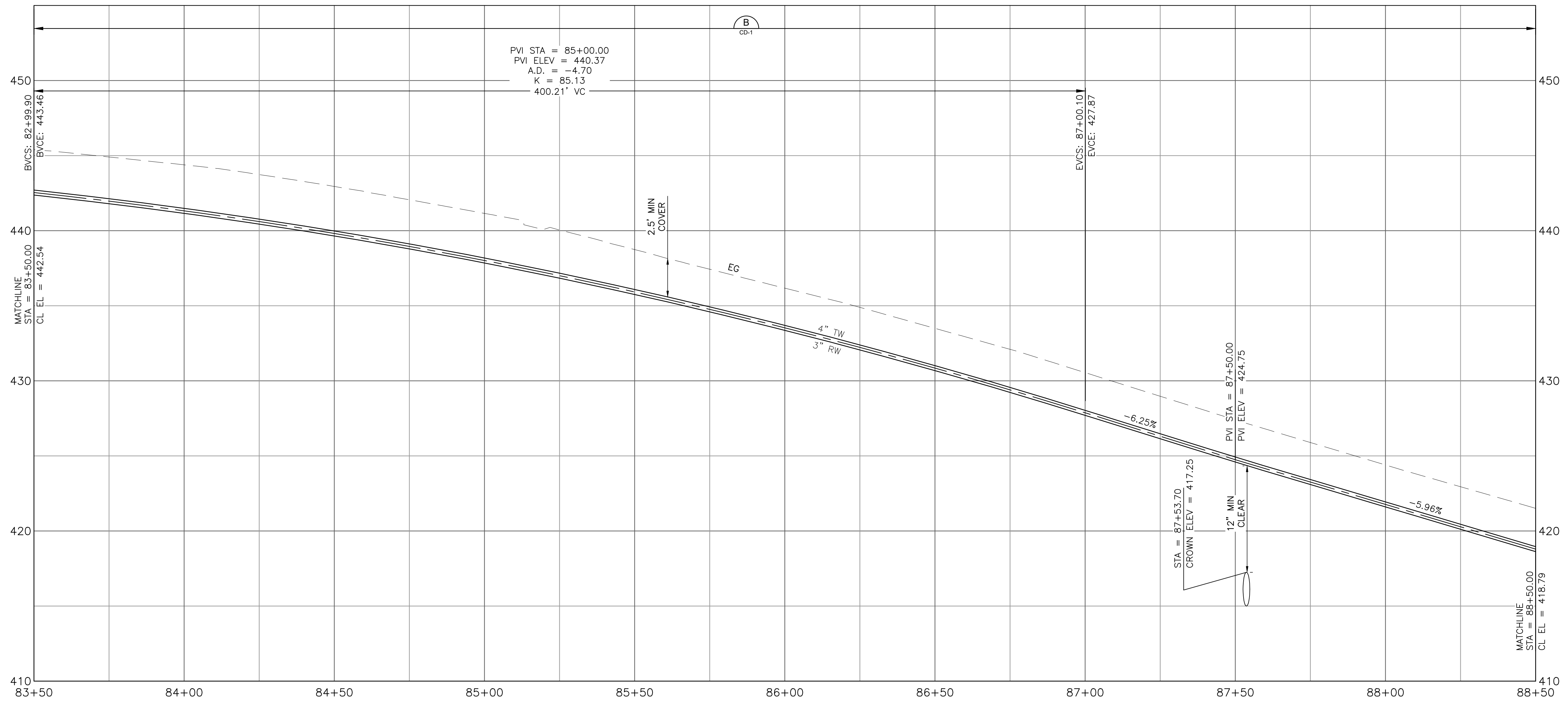
PLAN
1"=20'

SHEET NOTES:

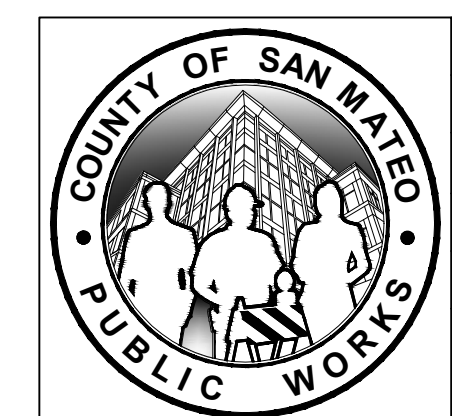
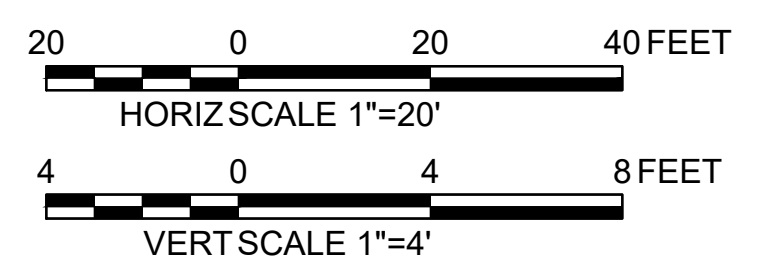
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KEY NOTES:

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 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

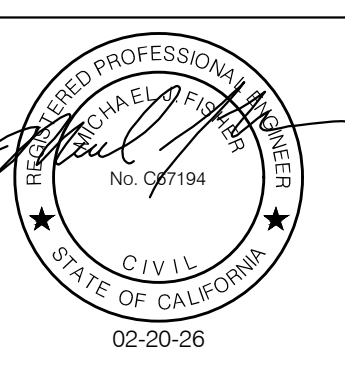


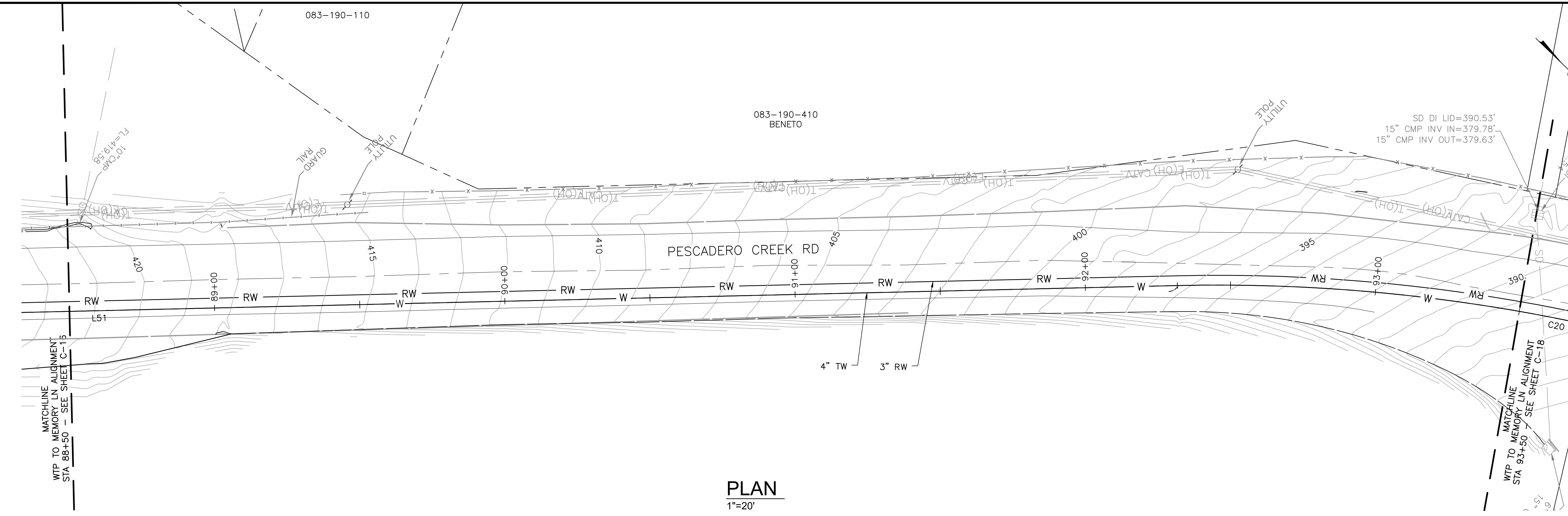
PROFILE
1"=20' HORIZ
1"=4' VERT



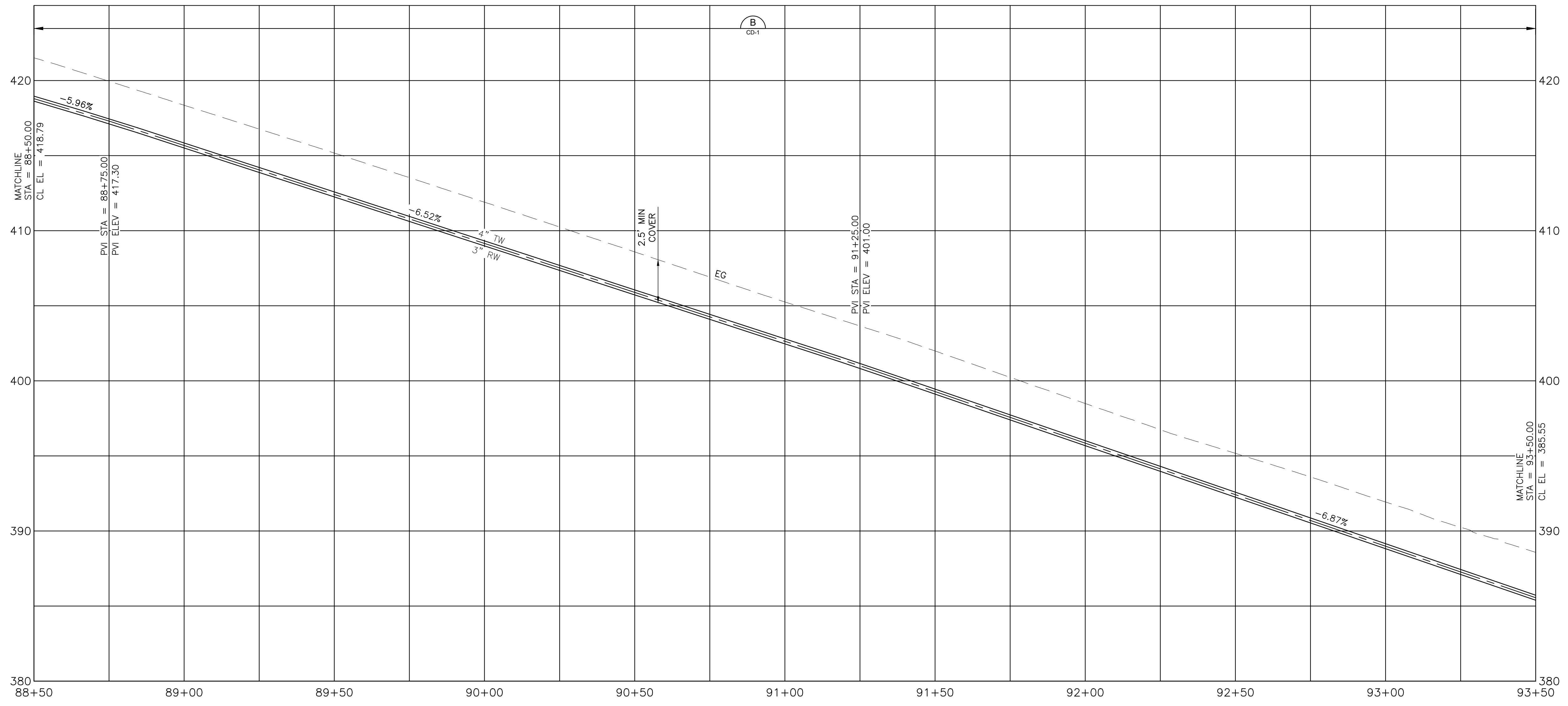
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|---|------|---|--|------------------|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | | WTP TO MEMORY LN ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA 83+50 TO 88+50 | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | 555 COUNTY CENTER, 5th FLOOR | | C-16 |
| SAN MATEO COUNTY | | REDWOOD CITY, CALIFORNIA 94063 | | |
| REVISION | DATE | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | SHEET 22 OF 43 |

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026





PLAN
1"=20'



PROFILE
1"=20' HORIZ
1"=4' VERT



APPROVED:
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882

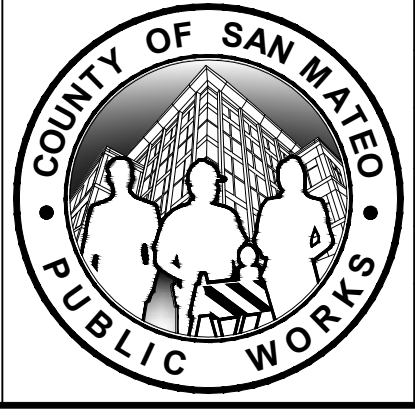
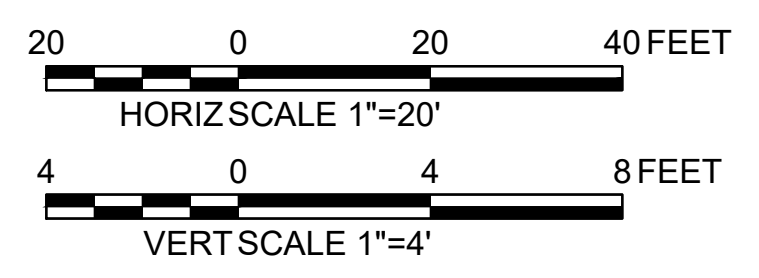
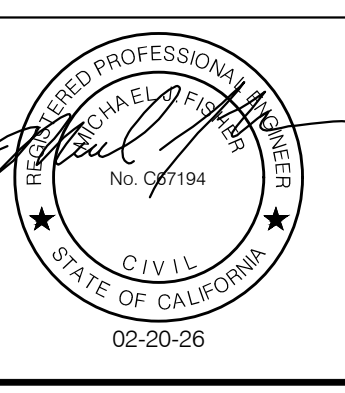
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KEY NOTES:

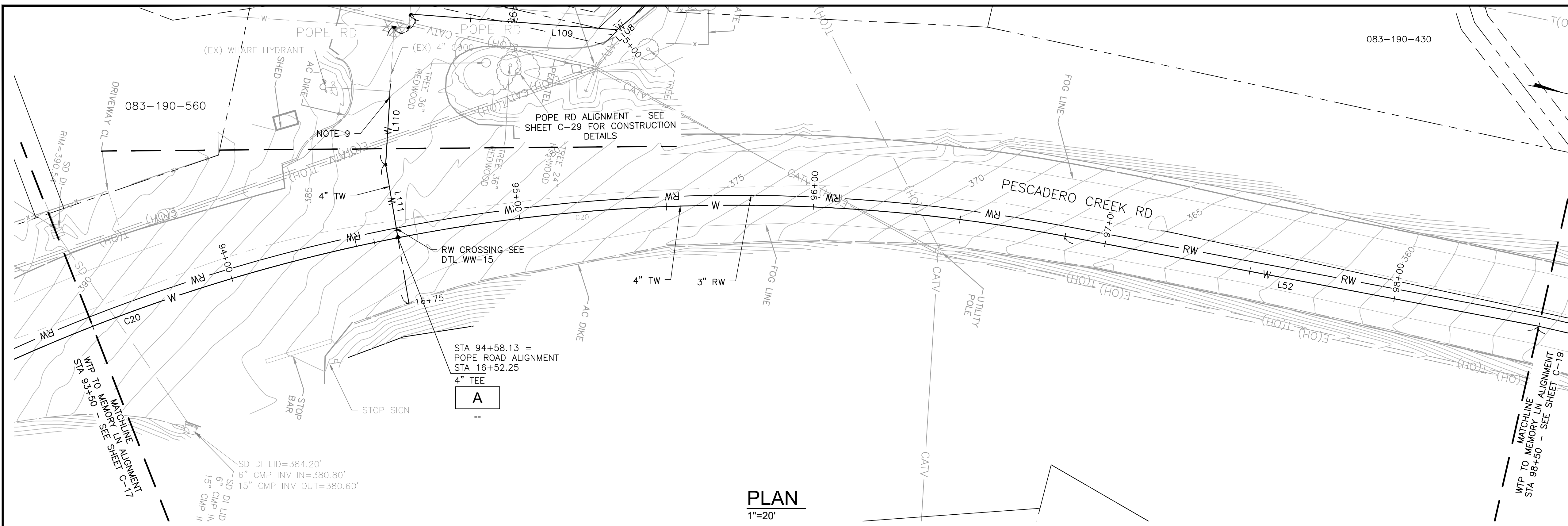
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 - INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026

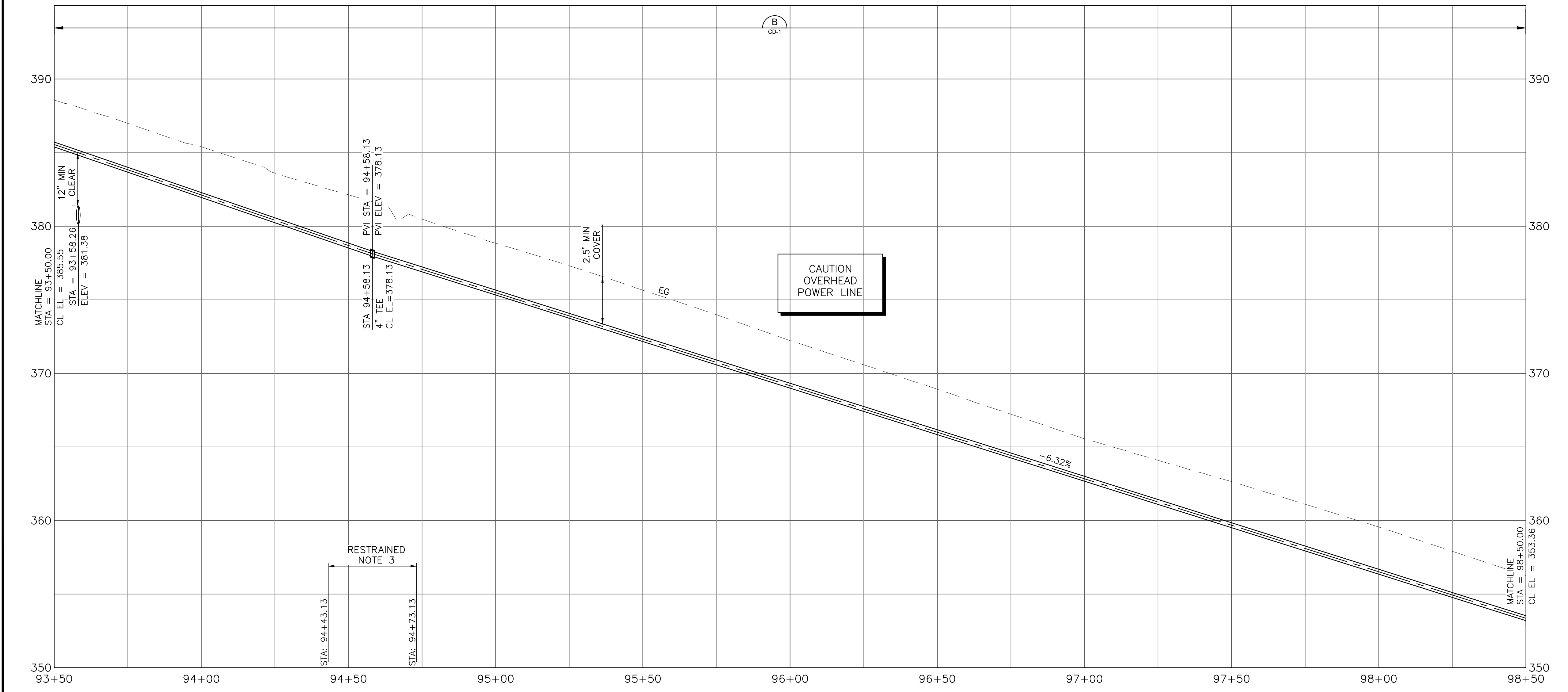


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|---|--------------------------------|------------------------|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 88+50 TO 93+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | C-17 SHEET 23 OF 43 |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\181\CSA7 WATERLINE\DELIVERABLES\7627917.DWG (C-17)



PLAN
1"=20'



PROFILE
1"=20' HORIZ
1"=4' VERT



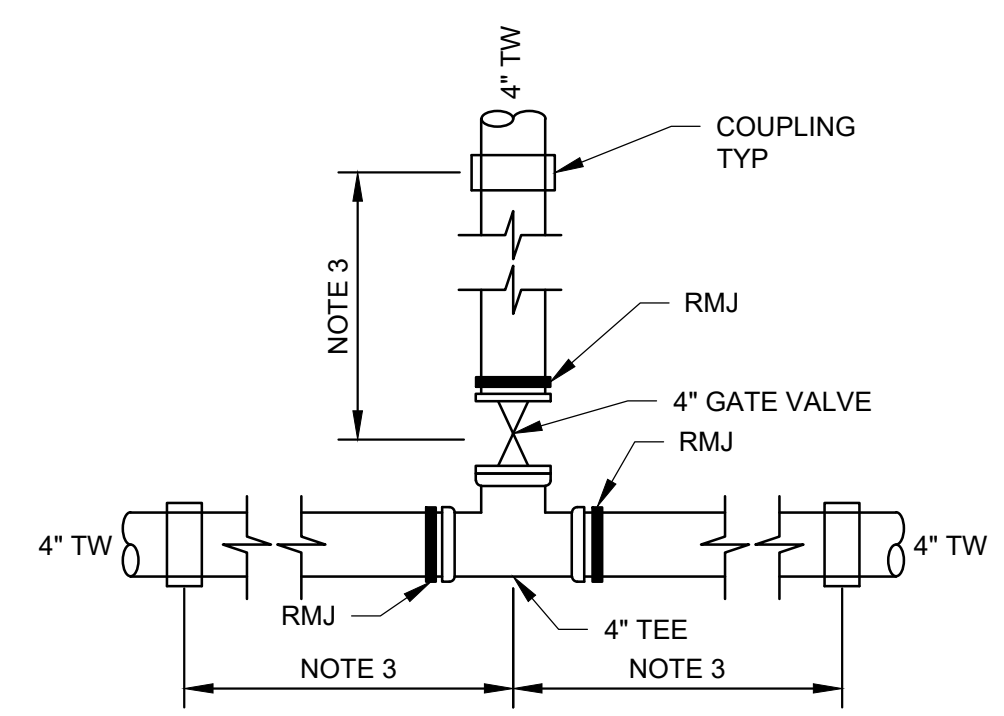
APPROVED:
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882

SHEET NOTES:

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9. EXPOSE THE EXISTING CAP AND TIE IN WITH EXISTING 4" C900 USING RESTRAINED COUPLING PER SECTION 113.
10. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
11. CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
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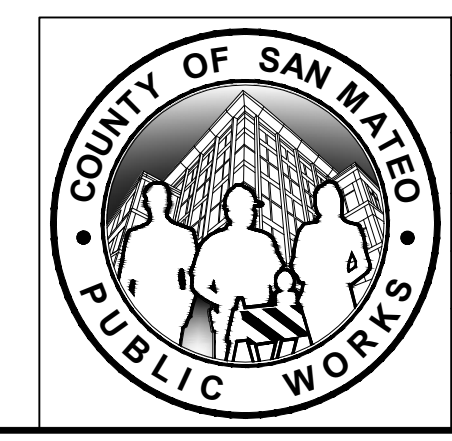
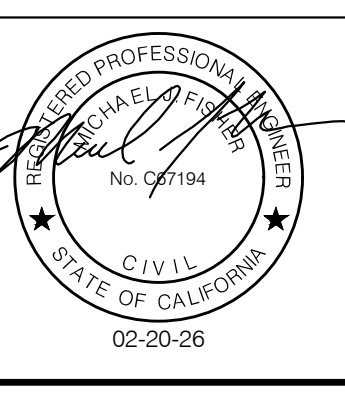
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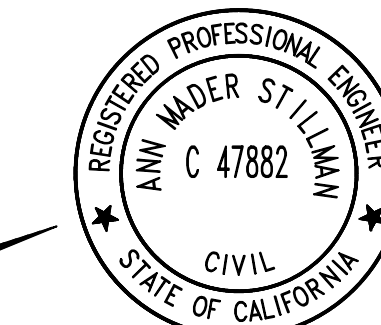
A
DETAIL
NTS

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026

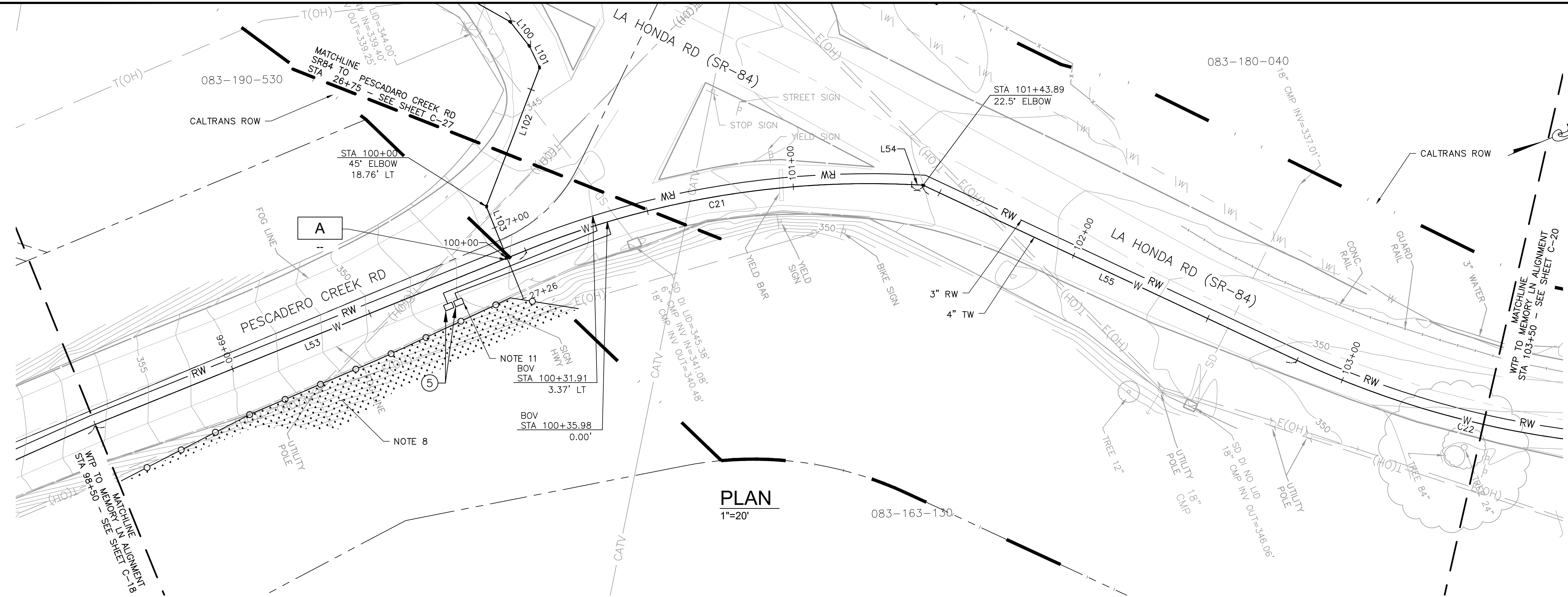


| | | | | |
|---|------|---|--|------------------------|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | | WTP TO MEMORY LN ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA 93+50 TO 98+50 | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | 555 COUNTY CENTER, 5th FLOOR | | C-18 SHEET 24 OF 43 |
| SAN MATEO COUNTY | | REDWOOD CITY, CALIFORNIA 94063 | | |
| REVISION | DATE | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |

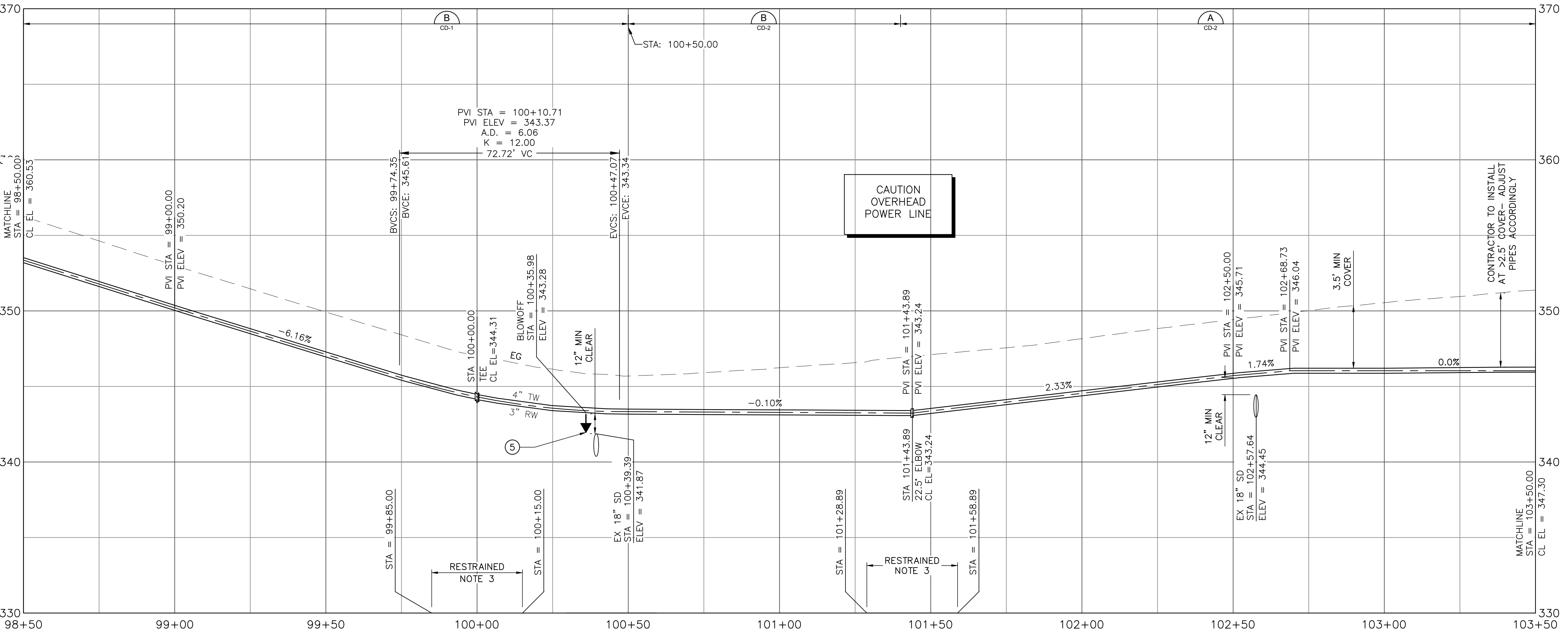
FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\S1\CSA7 WATERLINE DELIVERABLES\7627918.DWG (C-18)



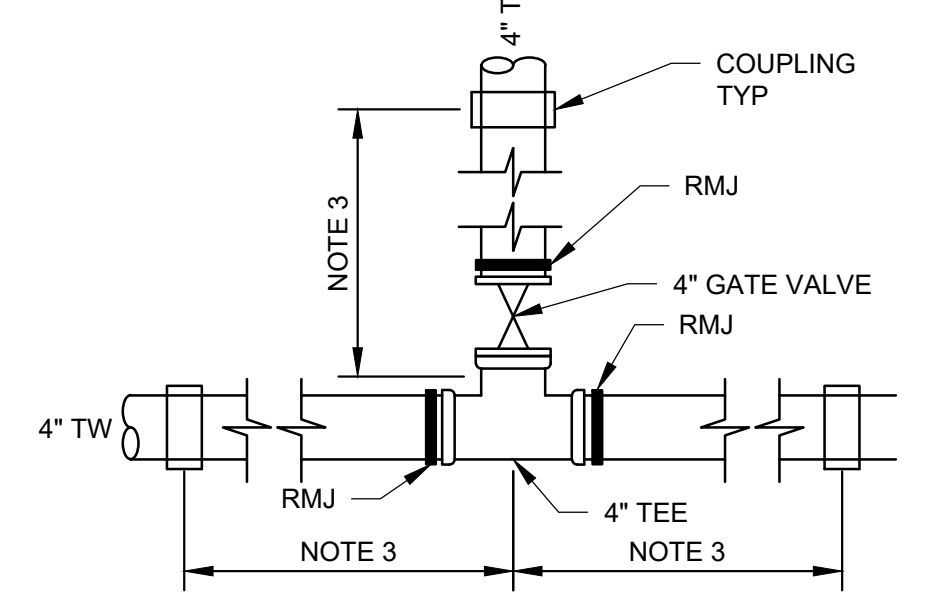
APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882



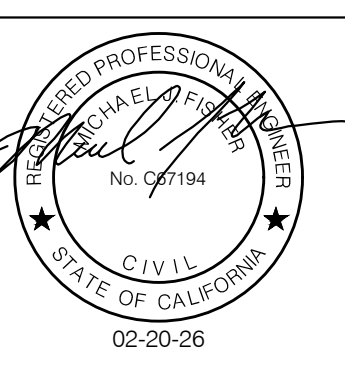
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 6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
 7. SERVICE SADDLES SHALL NOT BE INSTALLED WITHIN 2 FEET OF A VALVE, JOINT, FITTING OR OTHER SERVICE SADDLES.
 8. CONTRACTOR SHALL PROTECT ENVIRONMENTALLY SENSITIVE AREAS IN PLACE AND KEEP ALL CONSTRUCTION ACTIVITIES AWAY FROM THESE AREAS. CONTRACTOR SHALL INSTALL EXCLUSION FENCING (I.E. SILT FENCE TRENCH IN GROUND) AND OTHER PROPER BMPs AROUND ENVIRONMENTALLY SENSITIVE AREAS.
 9. PAVEMENT STRIPING/MARKING SHALL BE REPLACED IN KIND AND IN ACCORDANCE WITH CALTRANS STANDARDS.
 10. CONTRACTOR SHALL REPLACE DAMAGED OR REMOVED SIGNS DURING CONSTRUCTION TO MATCH PRE-CONSTRUCTION CONDITIONS OR BETTER AND IN ACCORDANCE WITH CALTRANS STANDARDS.
 11. PLACE BLOWFF VALVES OUTSIDE THE STATE RIGHT OF WAY AND AS SPECIFIED.
 12. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
 13. CONTRACTOR TO GRIND AND PAVE LANE LINE(S) IN CALTRANS RIGHT-OF-WAY AS NEEDED.
 14. CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
 15. UTILITY CROSSING PER DETAIL WW-15.
 16. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLINE BYPASS PLAY FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.



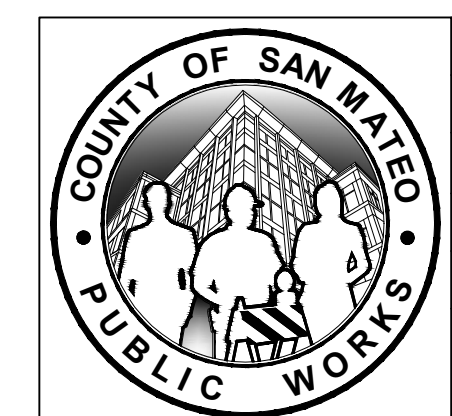
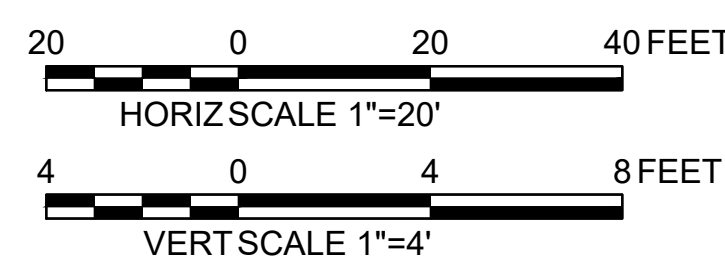
- KEY NOTES:**
 (NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
 3. PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 5. INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.



APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026

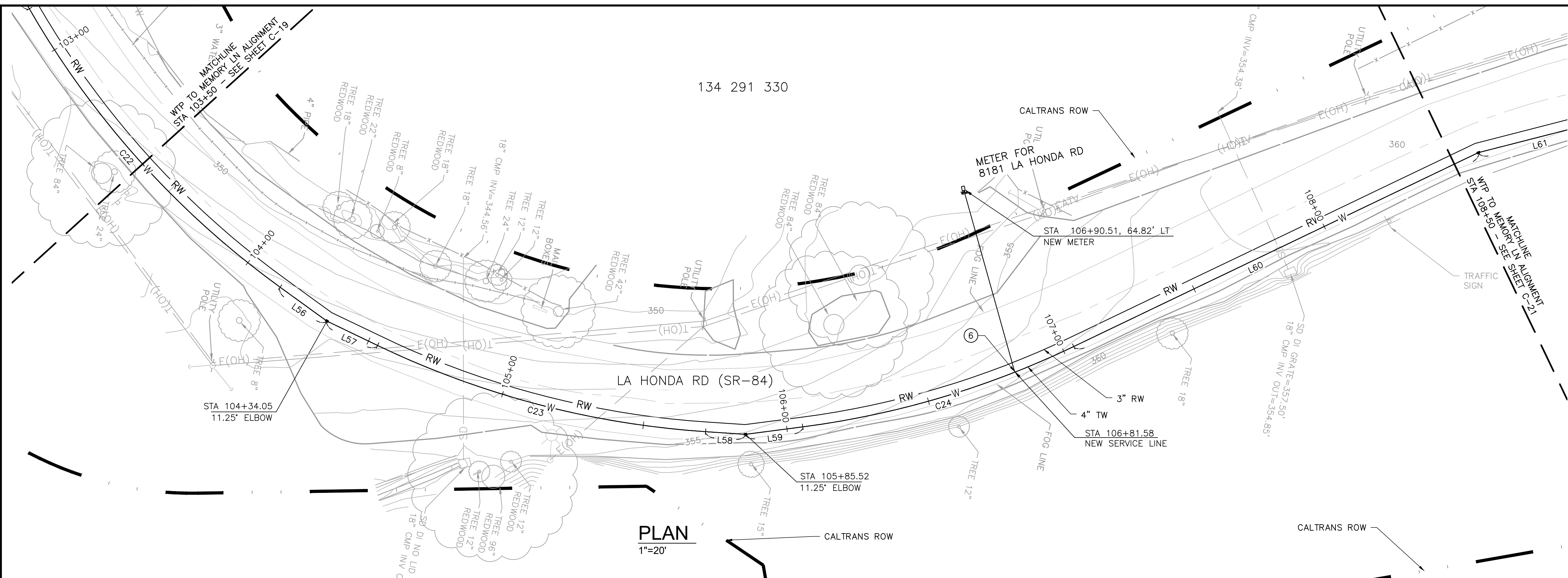


PROFILE
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 1"=4' VERT

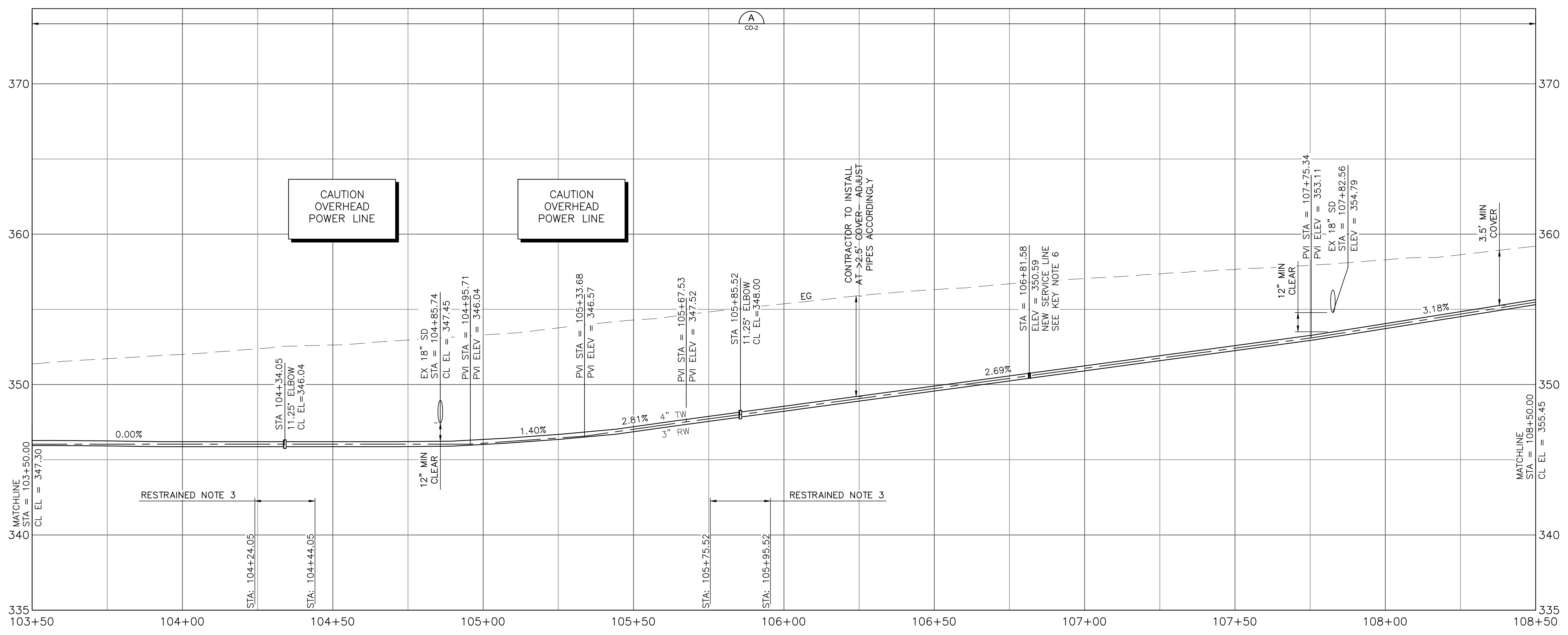


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|---|------|---|--|------------------------|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | | WTP TO MEMORY LN ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA 98+50 TO 103+50 | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | 555 COUNTY CENTER, 5th FLOOR | | C-19 SHEET 25 OF 43 |
| SAN MATEO COUNTY | | REDWOOD CITY, CALIFORNIA 94063 | | |
| REVISION | DATE | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |

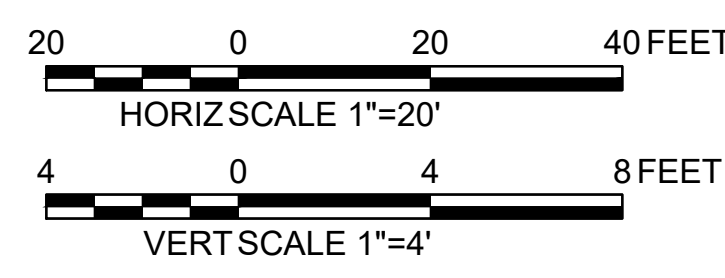
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PLAN
1"=20'



PROFILE
1"=20' HORIZ
1"=4' VERT

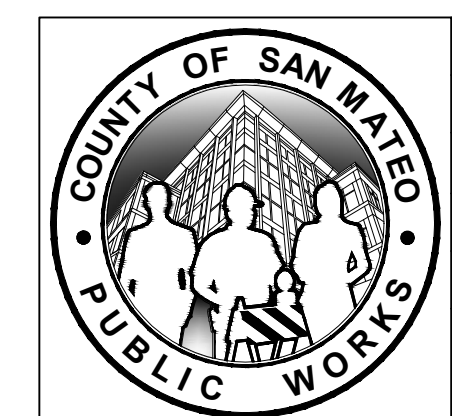
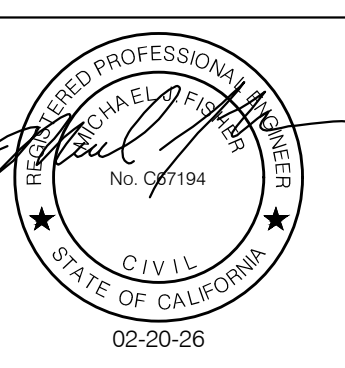


APPROVED:
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882

- SHEET NOTES:**
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 - WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
 - PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
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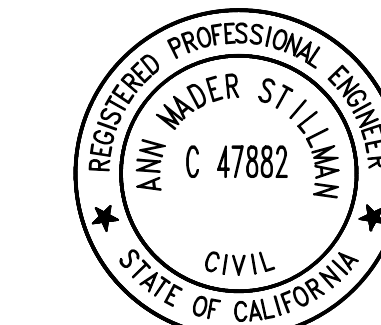
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 - INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026

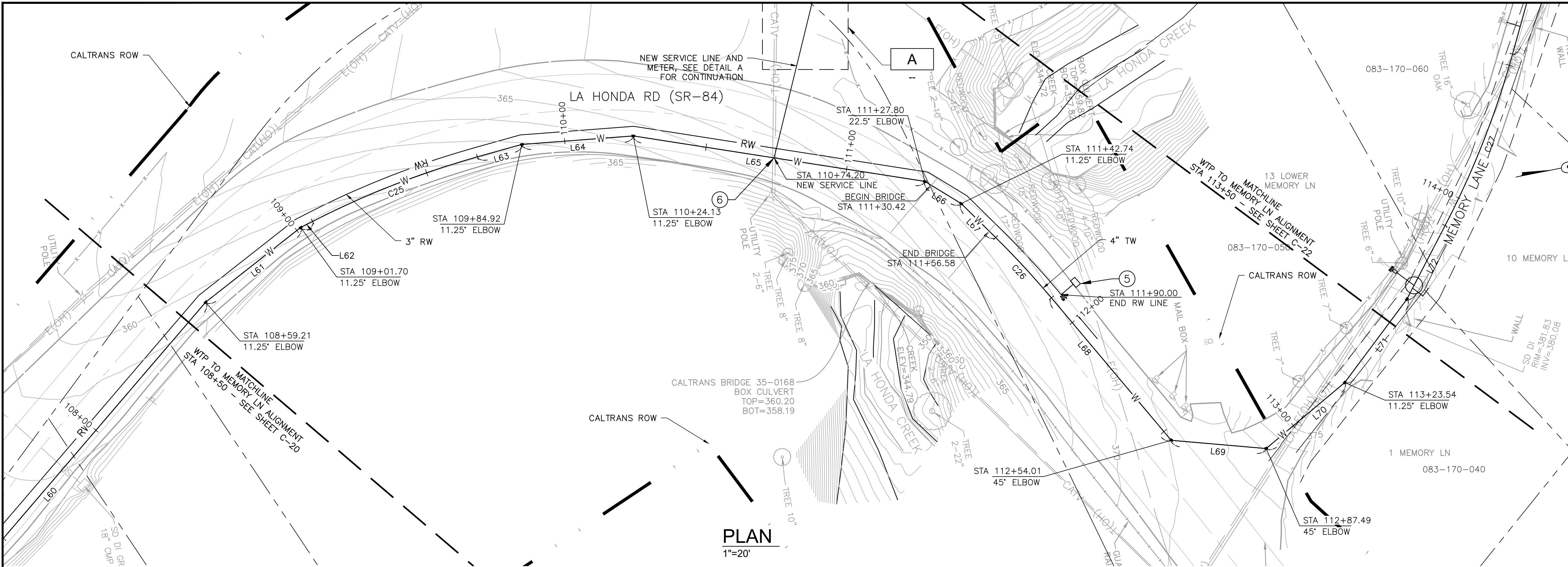


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|---|--------------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 103+50 TO 108+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| REVISION | DATE | 0 1 2 3 4 |
| | | C-20 |
| | | SHEET 26 OF 43 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\81\CSA7 WATERLINE\DELIVERABLES\76279120.DWG (C-20)



APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882



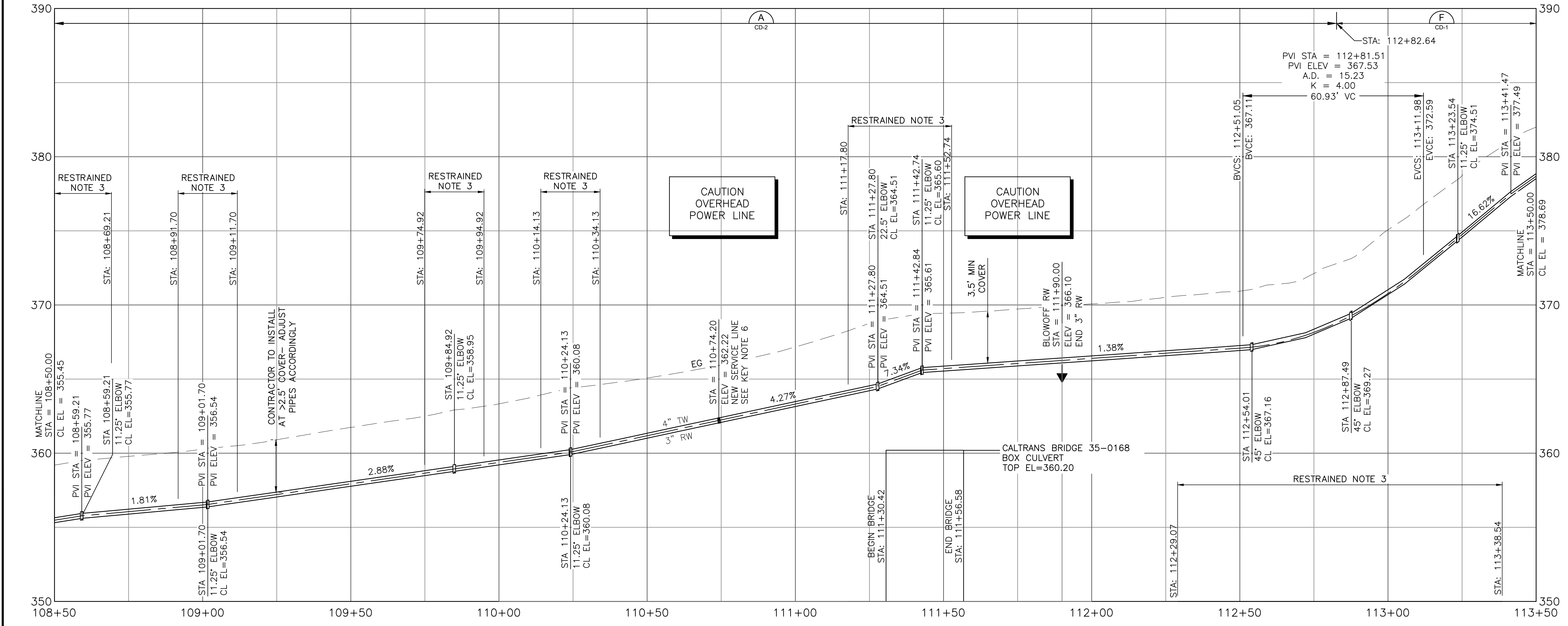
PLAN
1"=20'

SHEET NOTES:

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- WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
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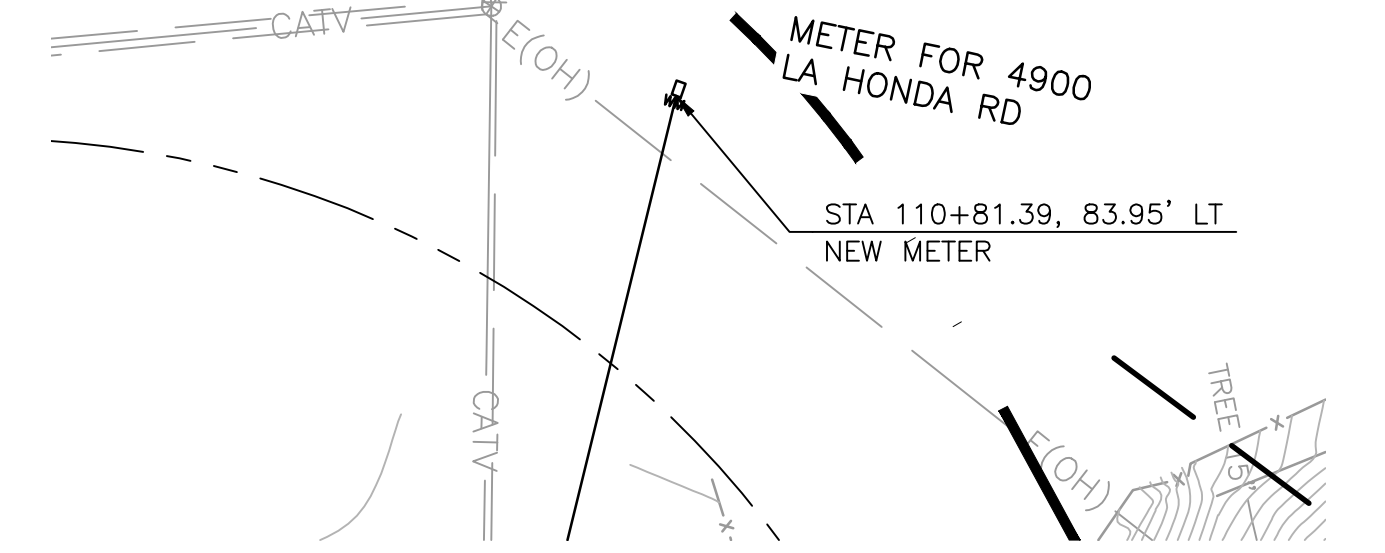
KEY NOTES:

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 - INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

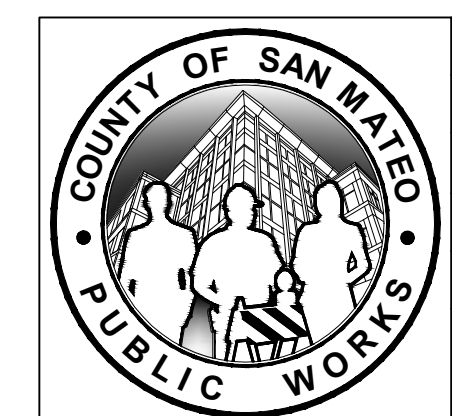
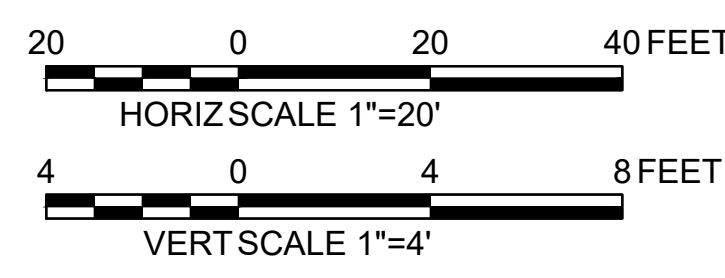
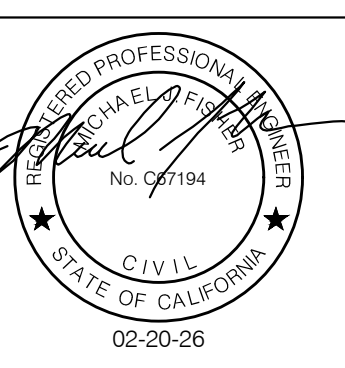


PROFILE
1"=20' HORIZ
1"=4' VERT

A DETAIL
1"=20'

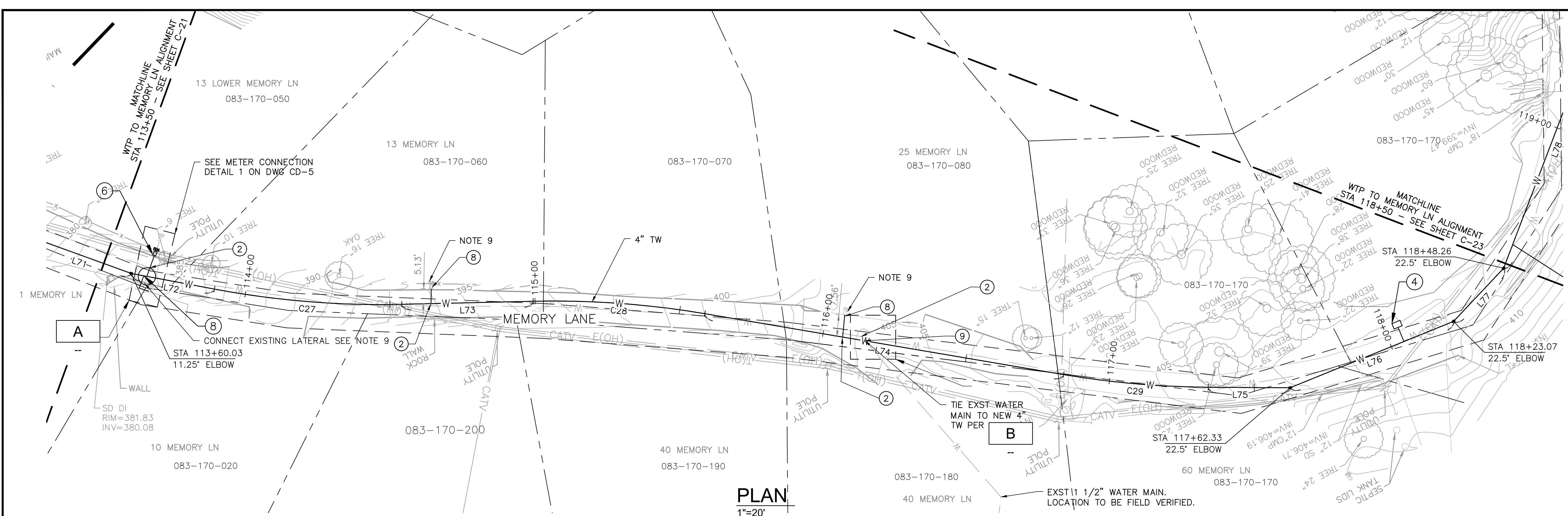


APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026

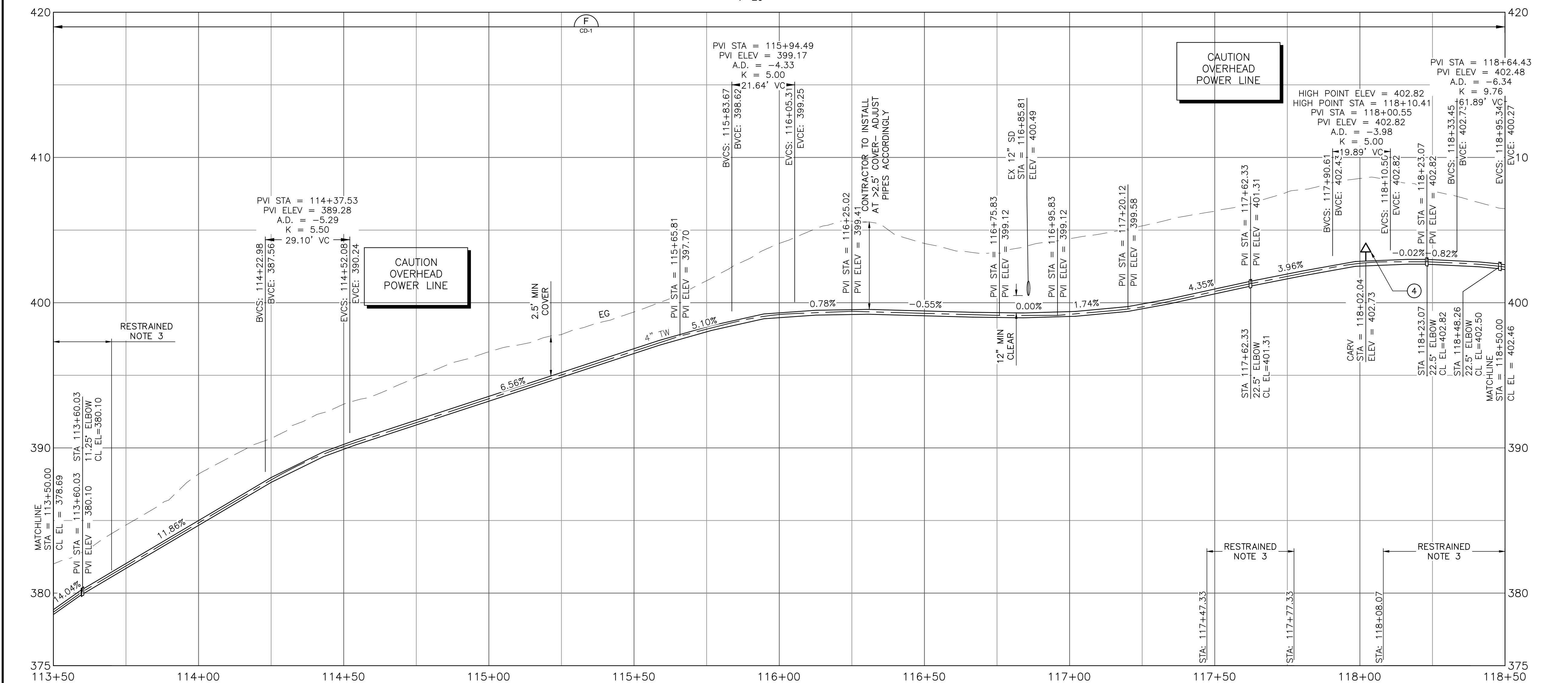


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|---|------|---|--|--|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | | WTP TO MEMORY LN ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA 108+50 TO 113+50 | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | SAN MATEO COUNTY | | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 |
| REVISION | DATE | | | |
| | | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | |
| | | 0 1 2 3 4 | | |
| | | PLOT DATE: 2/25/26 | | |
| | | C-21 SHEET 27 OF 43 | | |

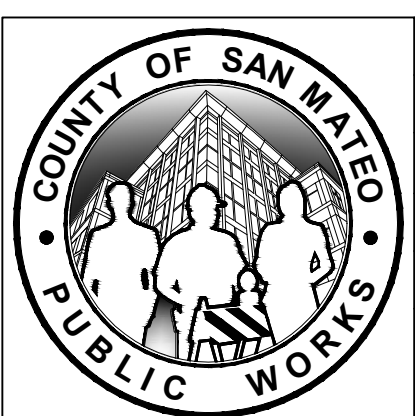
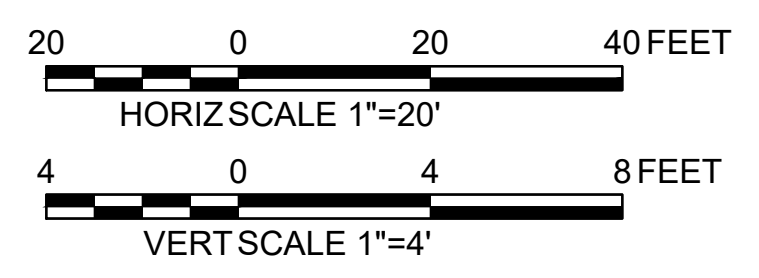
FILENAME: L:\ROAD\PROJECTS\18-065 SAN MATEO ON-CALL\51\CSA7 WATERLINE\DELIVERABLES\76279121.DWG (C-21)



PLAN
1"=20'



PROFILE
1"=20' HORIZ
1"=4' VERT



SHEET NOTES:

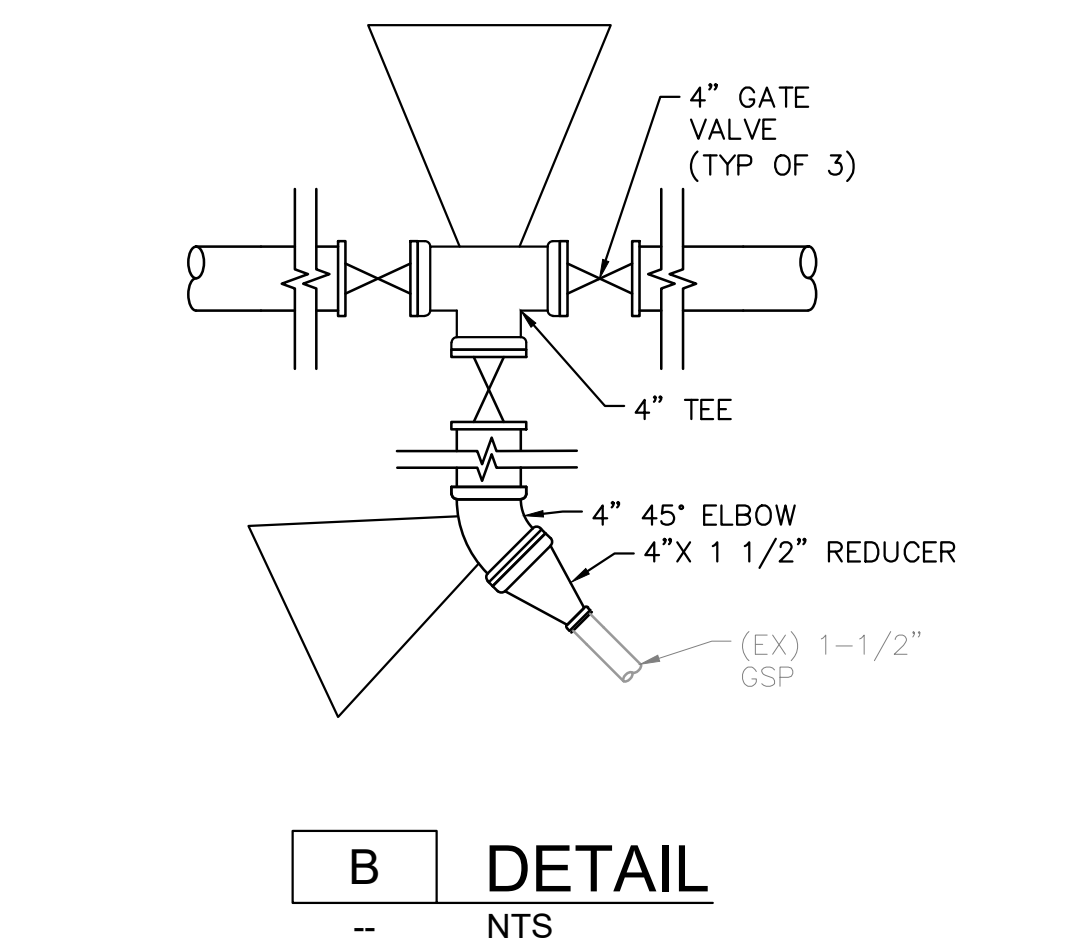
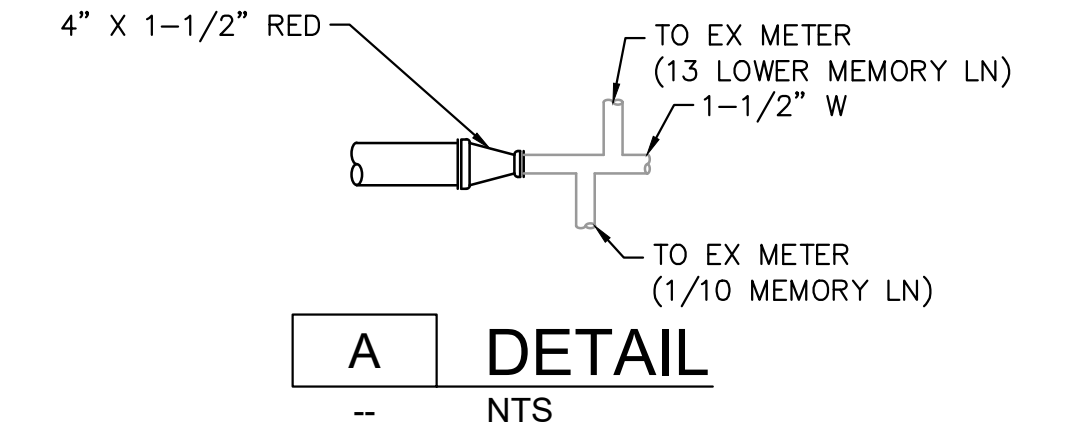
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- EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
- CONTRACTOR SHALL EMPLOY NECESSARY SWPPP AND BMP MEASURES TO PROTECT EXISTING STORM DRAINS FROM CONSTRUCTION RUNOFF AND PREVENT CONTAMINATES ENTERING STREAMS OR WATERWAYS. CONTRACTOR SHALL RESTORE ROAD SIDE DITCHES TO PRE-CONSTRUCTION CONDITION OR BETTER AND TO SATISFACTION OF THE OWNER.
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- CONTRACTOR SHALL GRIND 2" AND OVERLAY 1.5" PAVEMENT WITH A MAXIMUM WIDTH OF 20' FOR THE LENGTH OF MEMORY LN WHERE TRENCHING OCCURS.
- CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
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- IF BID ADDITIVE ALTERNATE 1 IS NOT COMPLETED, SEE DETAIL A (THIS SHEET) FOR TIE IN OF NEW 4" TW LINE INTO EXISTING WATERLINE ON MEMORY LANE.

KEY NOTES:
(NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)

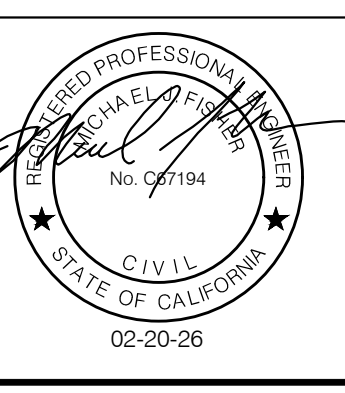
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- INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.
- RECONNECT EXISTING METER TO NEW 4" TW MAIN. SERVICE CONNECTION PER COUNTY W-1.
- CONTRACTOR SHALL RECONNECT EXIST WATER MAIN TO NEW 4" TW MAIN PER COUNTY W-4.



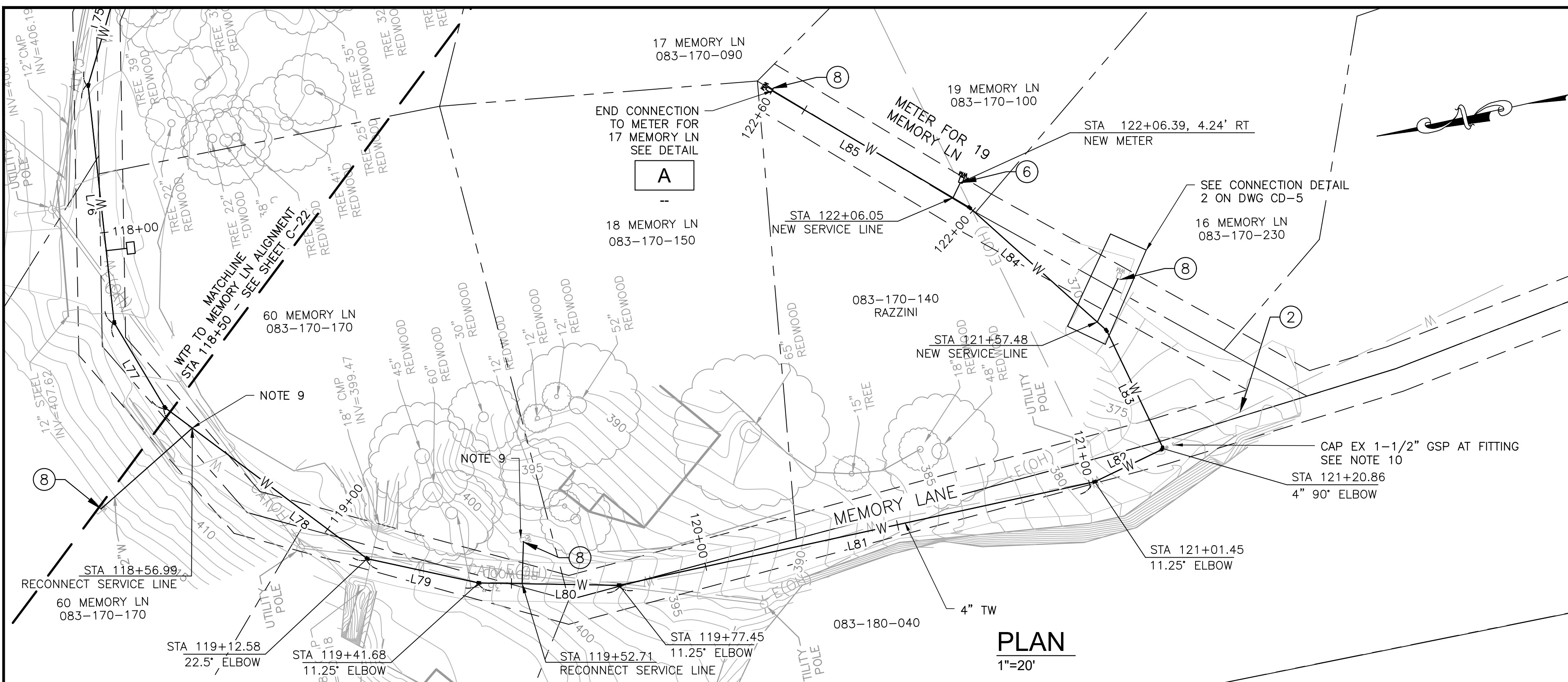
APPROVED: _____
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882



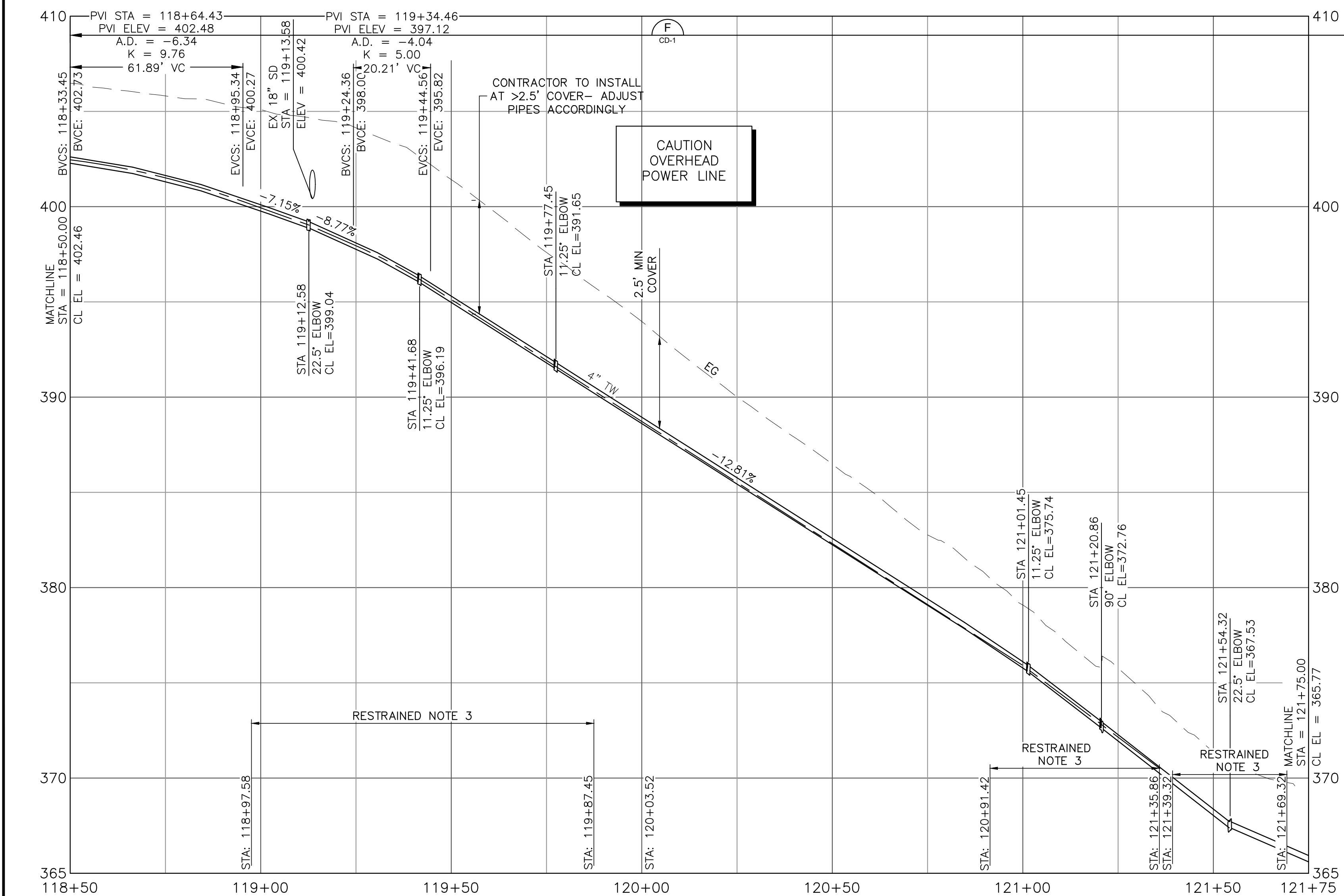
APPROVED DATE: FEBRUARY 20, 2026
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MICHAEL J. FISHER
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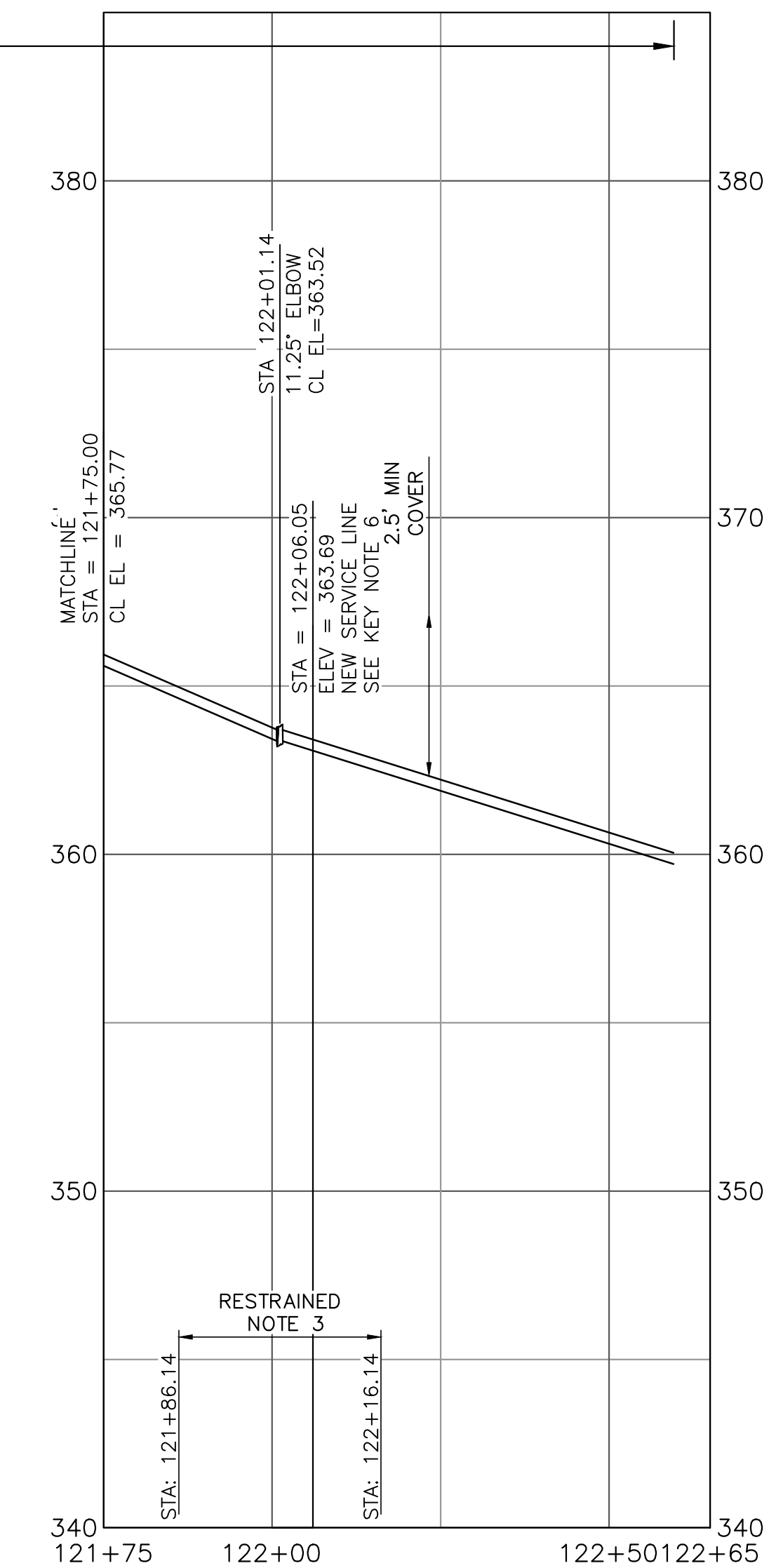
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|---|--------------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 113+50 TO 118+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| REVISION | DATE | 0 1 2 3 4 |



PLAN
1"=20'



PROFILE
1"=20' HORIZ
1"=4' VERT



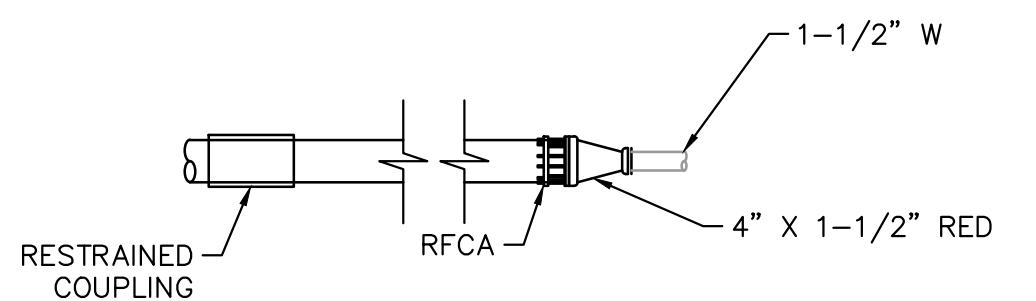
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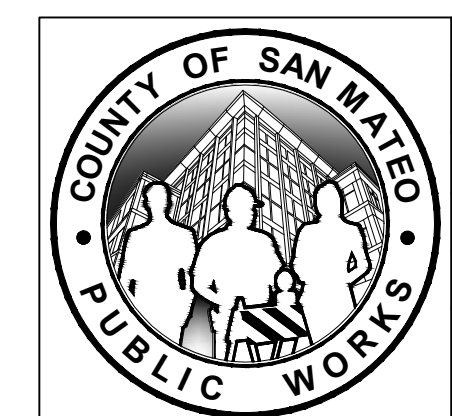
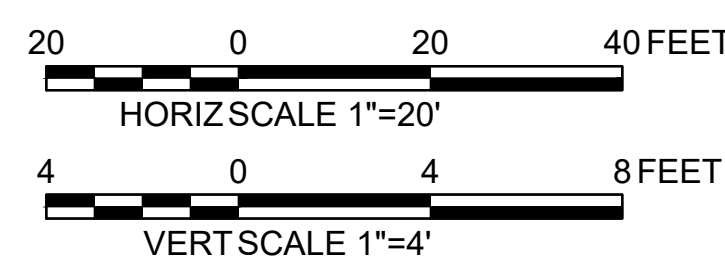
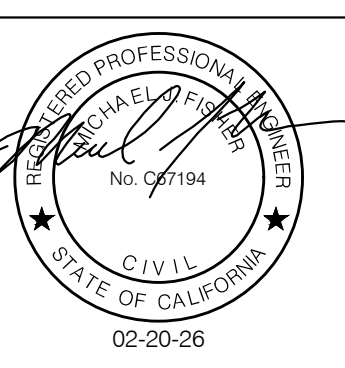
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 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.
 8. RECONNECT EXISTING METER TO NEW 4" TW MAIN. SERVICE CONNECTION PER COUNTY W-1.

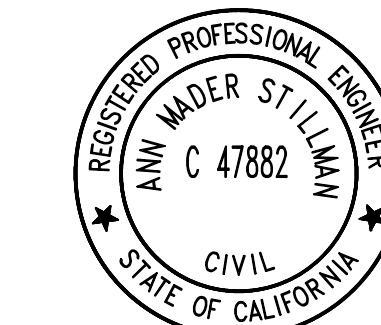


APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026



| | | |
|---|----------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBKAKHSH | WTP TO MEMORY LN ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 118+50 TO END | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | SAN MATEO COUNTY | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 |
| REVISION | DATE | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |
| | | C-23 |
| | | SHEET 29 OF 43 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\S1\CSA7 WATERLINE DELIVERABLES\76279123.DWG (C-23)



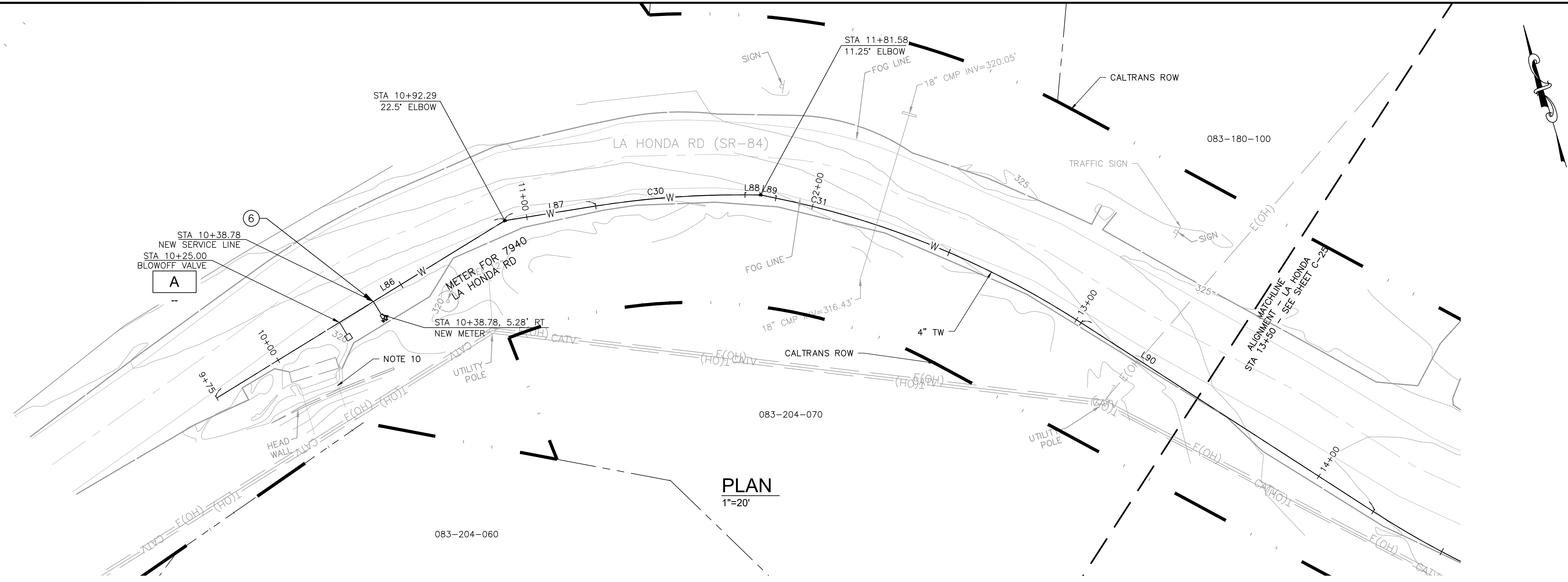
APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882

SHEET NOTES:

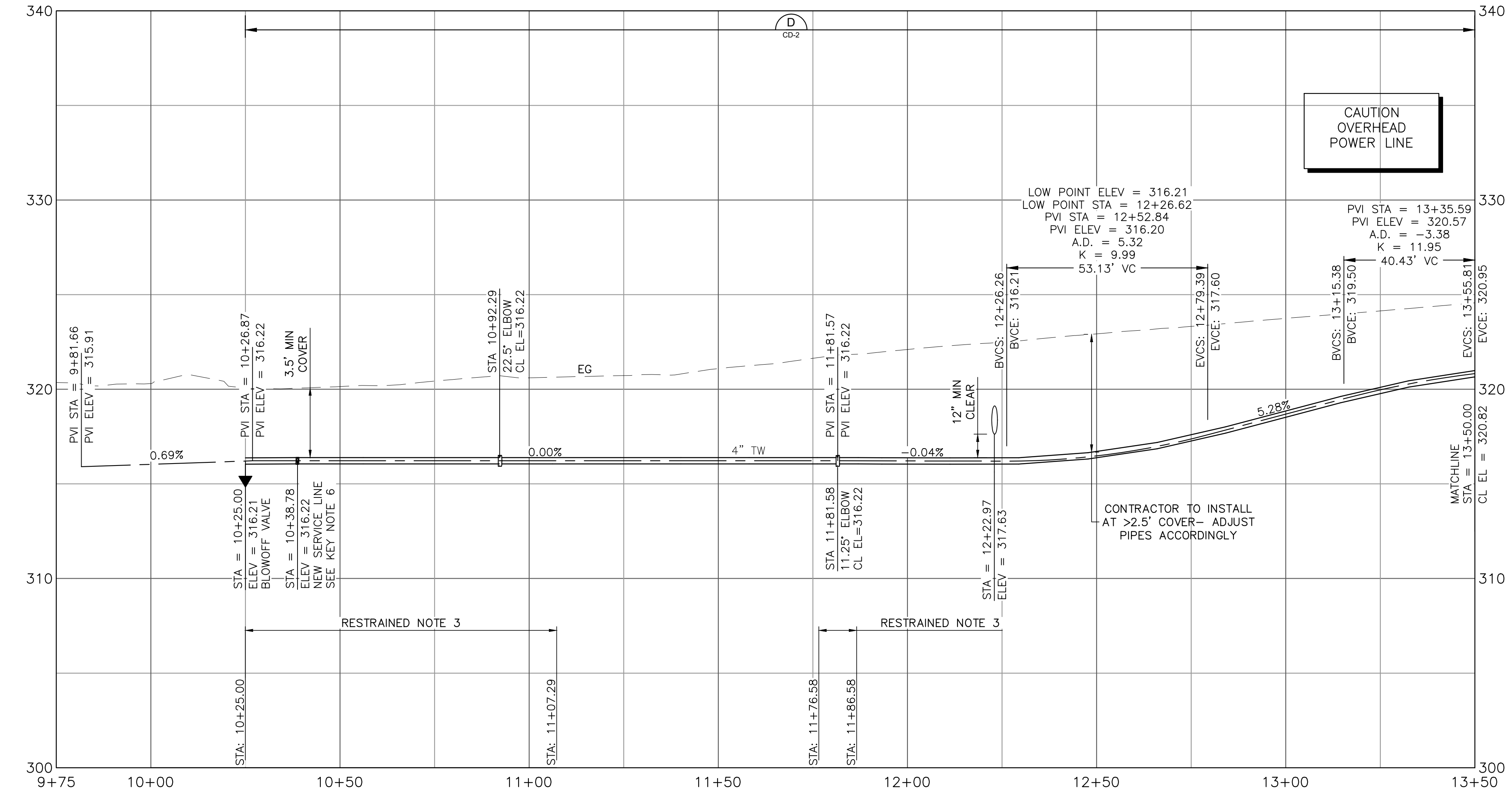
1. PROVIDE 12" MIN CLEARANCE FROM OTHER UTILITIES UNLESS OTHERWISE NOTED.
2. WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
4. CONTRACTOR SHALL MAINTAIN UNINTERRUPTED UTILITY SERVICE TO HOMEOWNERS AT ALL TIMES.
5. CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL LOCAL RESIDENTS AT ALL TIMES DURING CONSTRUCTION.
6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
7. SERVICE SADDLES SHALL NOT BE INSTALLED WITHIN 2 FEET OF A VALVE, JOINT, FITTING OR OTHER SERVICE SADDLES.
8. PAVEMENT STRIPING/MARKING SHALL BE REPLACED IN KIND AND IN ACCORDANCE WITH CALTRANS STANDARDS.
9. CONTRACTOR SHALL REPLACE DAMAGED OR REMOVED SIGNS DURING CONSTRUCTION TO MATCH PRE-CONSTRUCTION CONDITIONS OR BETTER AND IN ACCORDANCE WITH CALTRANS STANDARDS.
10. WATER SERVICE CONNECTION EXTENDS UP TO RESIDENTS PROPERTY LINE.
11. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
12. CONTRACTOR TO GRIND AND PAVE LANE LINE(S) IN CALTRANS RIGHT-OF-WAY AS NEEDED.
13. CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
14. UTILITY CROSSING PER DETAIL WW-15.
15. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLINE BYPASS PLAY FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.

KEY NOTES:

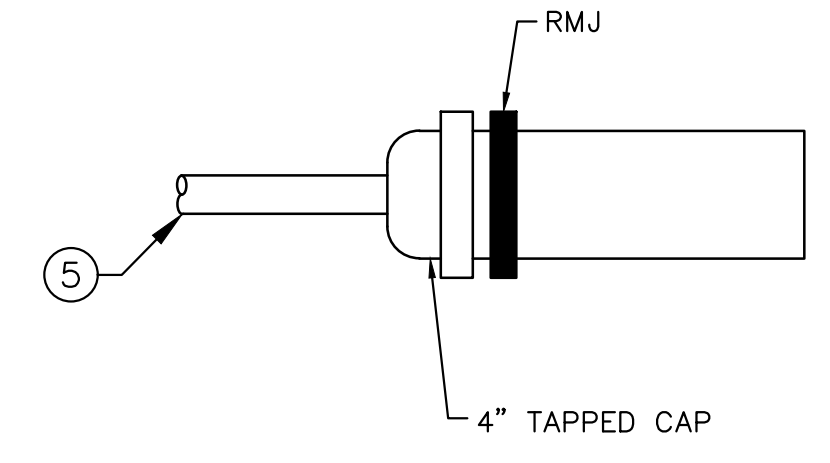
- (NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
 3. PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 5. INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.



PLAN
1"=20'

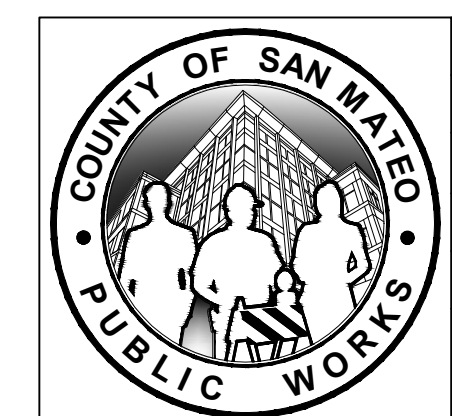
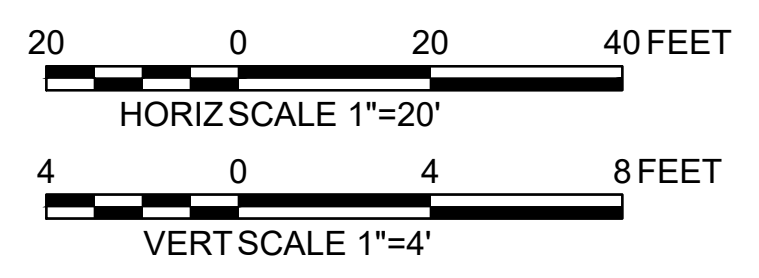
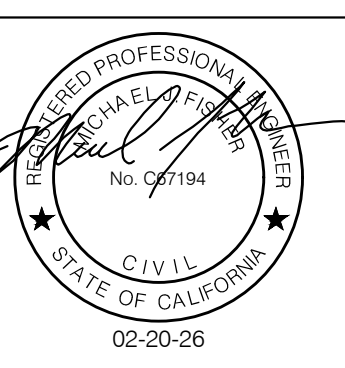


PROFILE
1"=20' HORIZ
1"=4' VERT



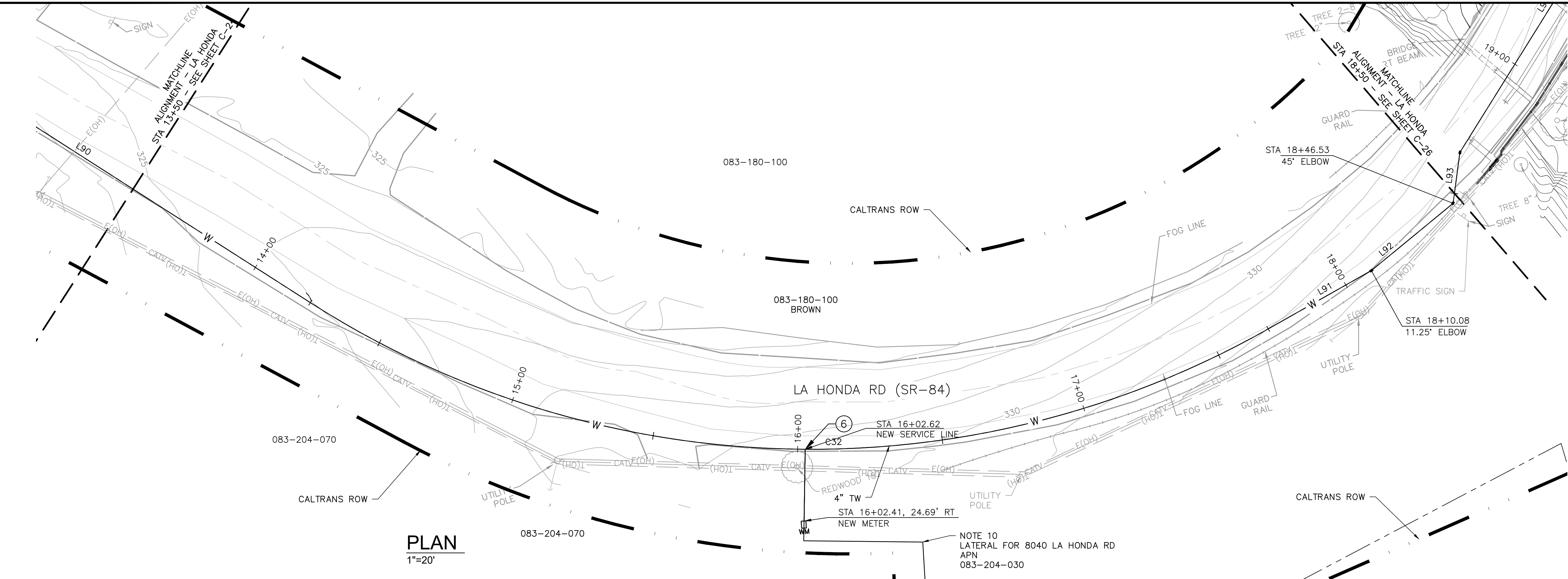
A DETAIL
-- NTS

APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026

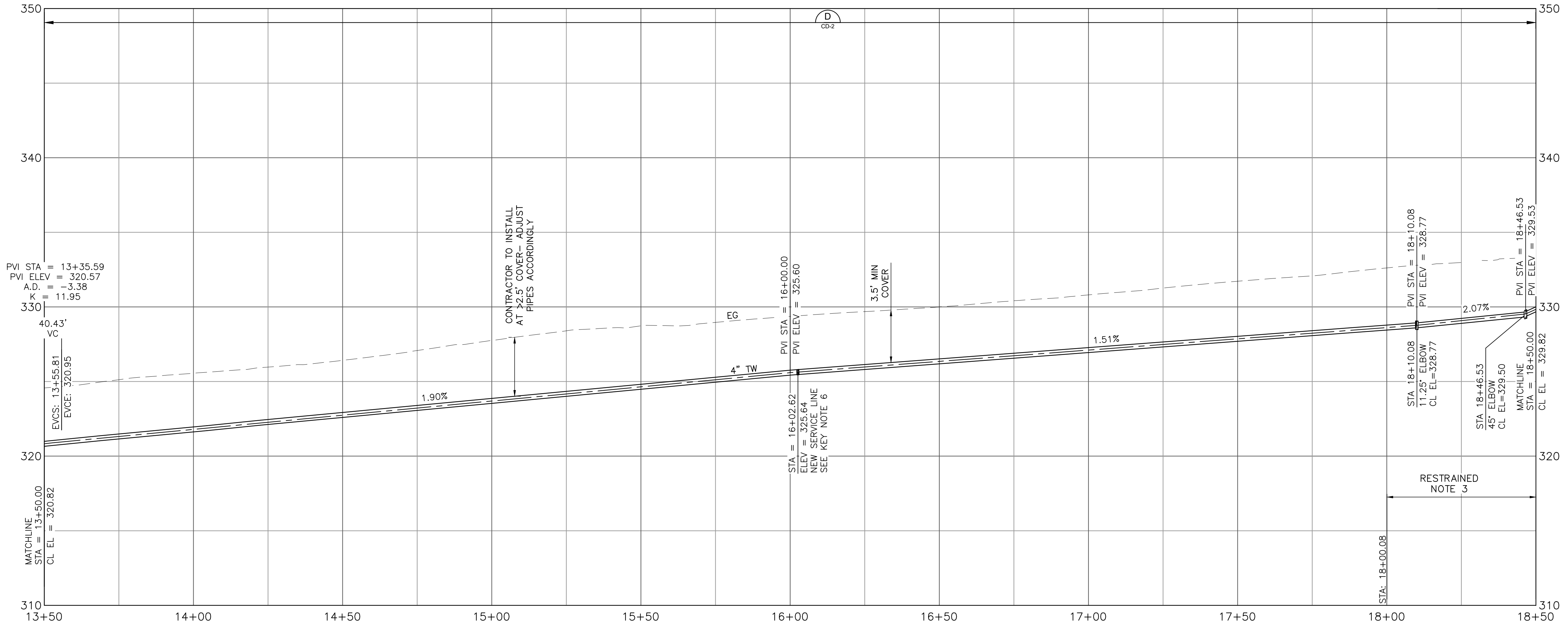


| | | |
|---|--------------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | SR-84 WEST ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA WEST TO 13+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| REVISION | DATE | 0 1 2 3 4 |
| | | C-24 |
| | | SHEET 30 OF 43 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\51\CSA7 WATERLINE\DELIVERABLES\76279124.DWG (C-24)



PLAN
1"=20'



PROFILE
1"=20' HORIZ
1"=4' VERT



APPROVED:
DATE: FEBRUARY 20, 2026
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882

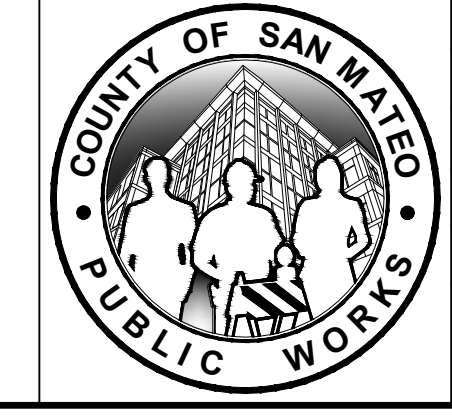
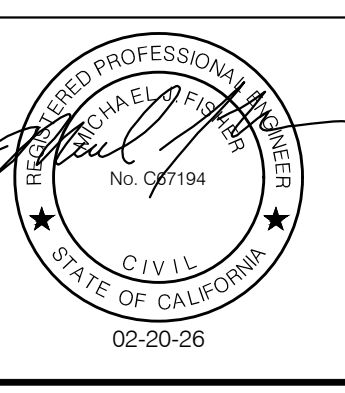
SHEET NOTES:

1. PROVIDE 12" MIN CLEARANCE FROM OTHER UTILITIES UNLESS OTHERWISE NOTED.
2. WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
4. CONTRACTOR SHALL MAINTAIN UNINTERRUPTED UTILITY SERVICE TO HOMEOWNERS AT ALL TIMES.
5. CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL LOCAL RESIDENTS AT ALL TIMES DURING CONSTRUCTION.
6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
7. CONTRACTOR SHALL PROTECT ENVIRONMENTALLY SENSITIVE AREAS IN PLACE AND KEEP ALL CONSTRUCTION ACTIVITIES AWAY FROM THESE AREAS. CONTRACTOR SHALL INSTALL EXCLUSION FENCING (I.E. SILT FENCE TRENCH IN GROUND) AND OTHER PROPER BMPs AROUND ENVIRONMENTALLY SENSITIVE AREAS.
8. PAVEMENT STRIPING/MARKING SHALL BE REPLACED IN KIND AND IN ACCORDANCE WITH CALTRANS STANDARDS.
9. CONTRACTOR SHALL REPLACE DAMAGED OR REMOVED SIGNS DURING CONSTRUCTION TO MATCH PRE-CONSTRUCTION CONDITIONS OR BETTER AND IN ACCORDANCE WITH CALTRANS STANDARDS.
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12. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
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14. CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
15. UTILITY CROSSING PER DETAIL WW-15.
16. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLINE BYPASS PLAN FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.

KEY NOTES:

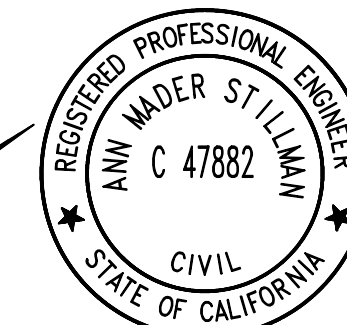
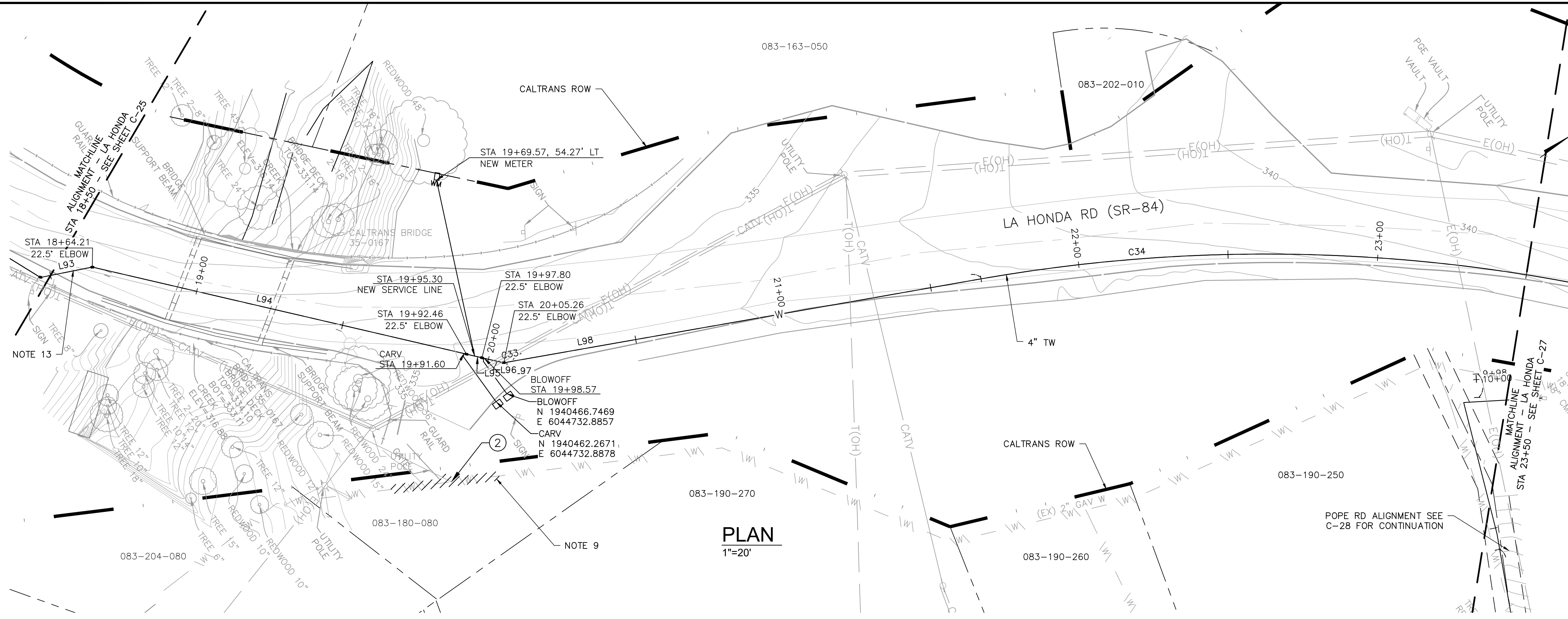
- (NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
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 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 5. INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026



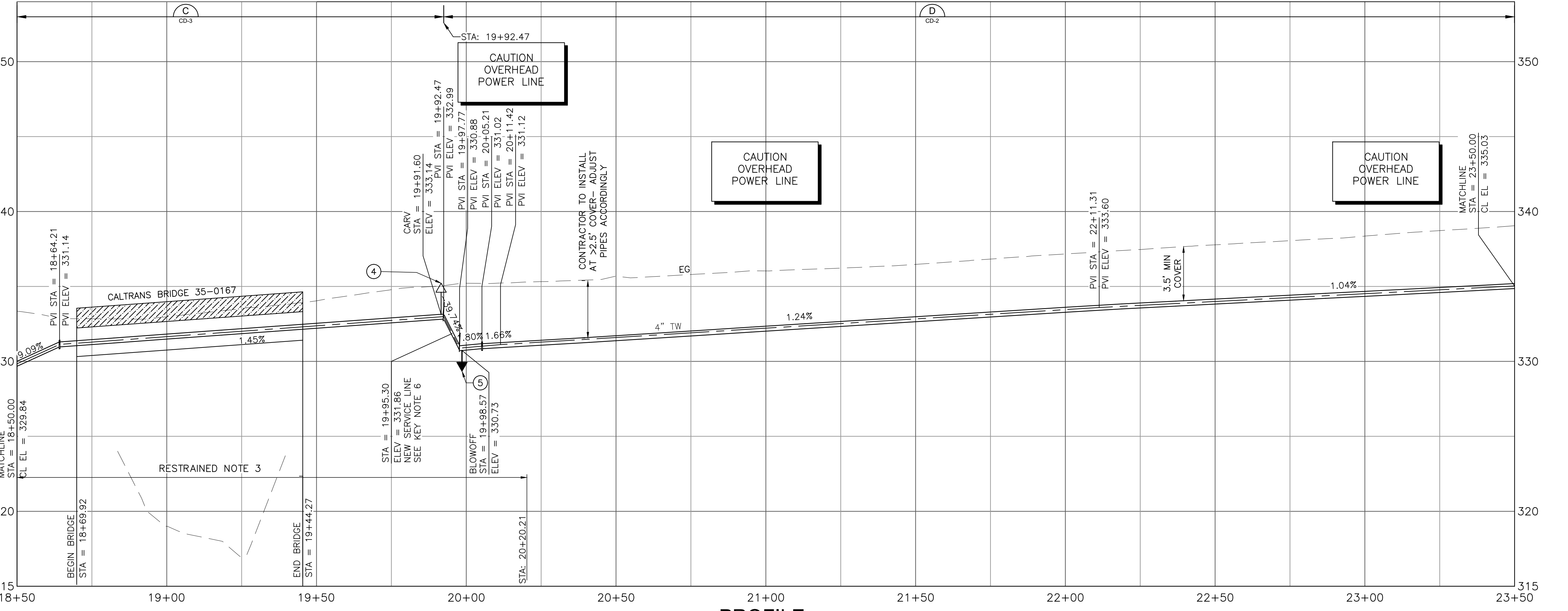
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|---|--------------------------------|--|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | SR-84 WEST ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 13+50 TO 18+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| REVISION | DATE | 0 1 2 3 4 |
| | | C-25 |
| | | SHEET 31 OF 43 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\SI\CSA7 WATERLINE\DELIVERABLES\E76279125.DWG (C-25)



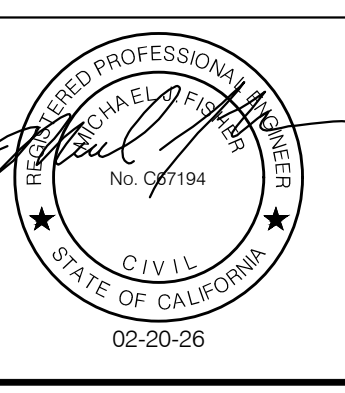
APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882

- SHEET NOTES:**
1. PROVIDE 12" MIN CLEARANCE FROM OTHER UTILITIES UNLESS OTHERWISE NOTED.
 2. WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
 3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET 30.
 4. CONTRACTOR SHALL MAINTAIN UNINTERRUPTED UTILITY SERVICE TO HOMEOWNERS AT ALL TIMES.
 5. CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL LOCAL RESIDENTS AT ALL TIMES DURING CONSTRUCTION.
 6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
 7. CONDUCT 24 HOUR PRESSURE TESTING AT 1.5 TIMES MAXIMUM PRESSURE ON WATER MAIN ALONG CALTRANS BRIDGE.
 8. INSTALL SERVICE SADDLE PER SECTION 113 AND CONNECT TO THE EXISTING 2" WATER LINE PER DETAIL CALLOUT.
 9. UPON COMPLETION, TESTING, AND TIE-IN OF ALL SERVICE CONNECTIONS, CONTRACTOR SHALL DISCONTINUE AND CAP THE EXISTING 2" UPSTREAM OF TIE-IN LOCATION TO SATISFACTION OF OWNER.
 10. PAVEMENT STRIPING/MARKING SHALL BE REPLACED IN KIND AND IN ACCORDANCE WITH CALTRANS STANDARDS.
 11. CONTRACTOR SHALL REPLACE DAMAGED OR REMOVED SIGNS DURING CONSTRUCTION TO MATCH PRE-CONSTRUCTION CONDITIONS OR BETTER AND IN ACCORDANCE WITH CALTRANS STANDARDS.
 12. CONTRACTOR SHALL REPLACE DAMAGED OR REMOVED GUARD RAIL DURING CONSTRUCTION TO MATCH PRE-CONSTRUCTION CONDITIONS OR BETTER IN ACCORDANCE WITH CALTRANS STANDARDS.
 13. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
 14. CONTRACTOR TO GRIND AND PAVE LANE LINE(S) IN CALTRANS RIGHT-OF-WAY AS NEEDED.
 15. CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
 16. UTILITY CROSSING PER DETAIL WW-15.
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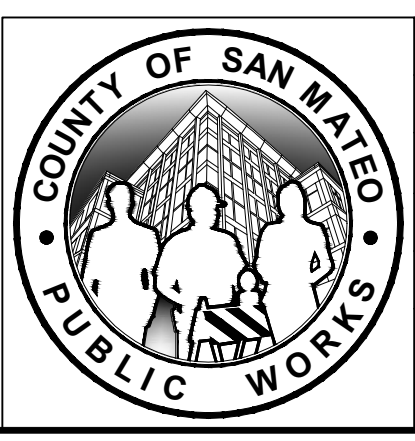
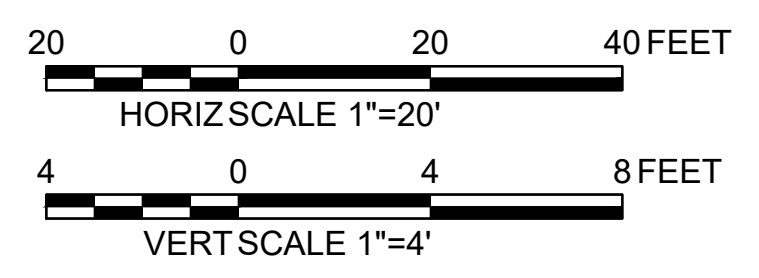


- KEY NOTES:**
 (NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
 3. PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
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 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.
 8. RECONNECT EXISTING METER TO NEW 4" MAIN. SERVICE CONNECTION PER COUNTY W-1.

APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026

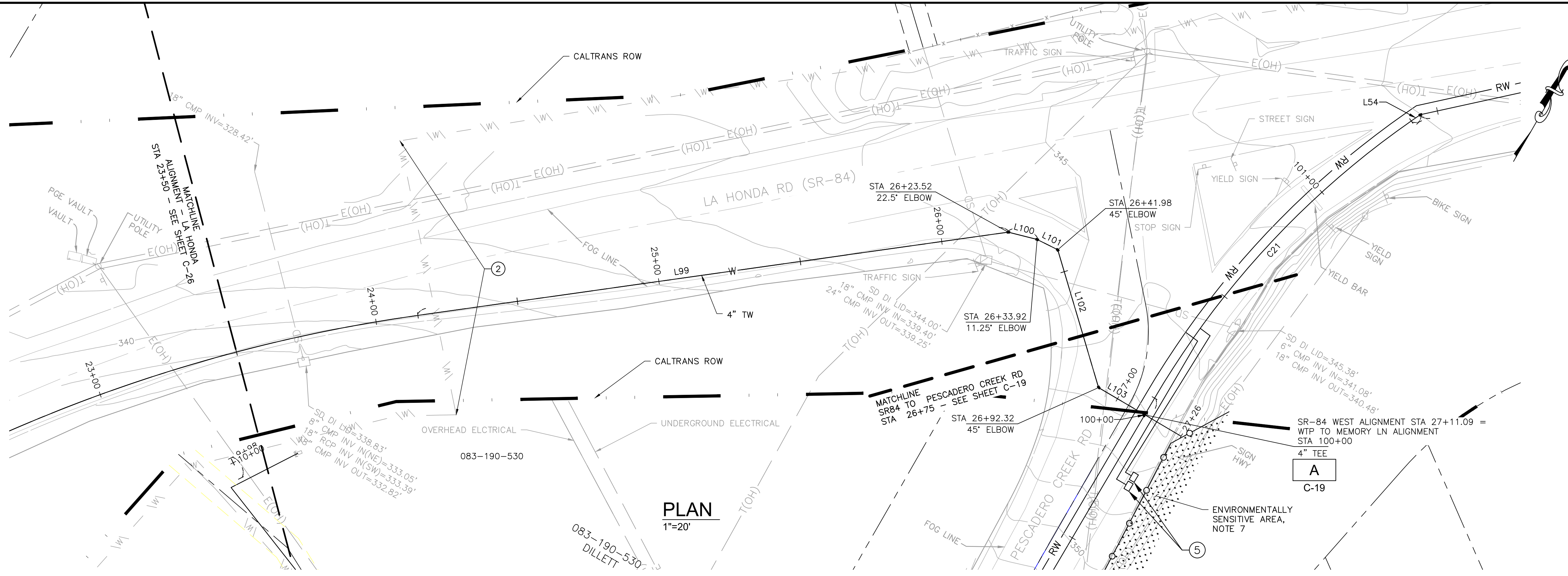


PROFILE
 1"=20' HORIZ
 1"=4' VERT



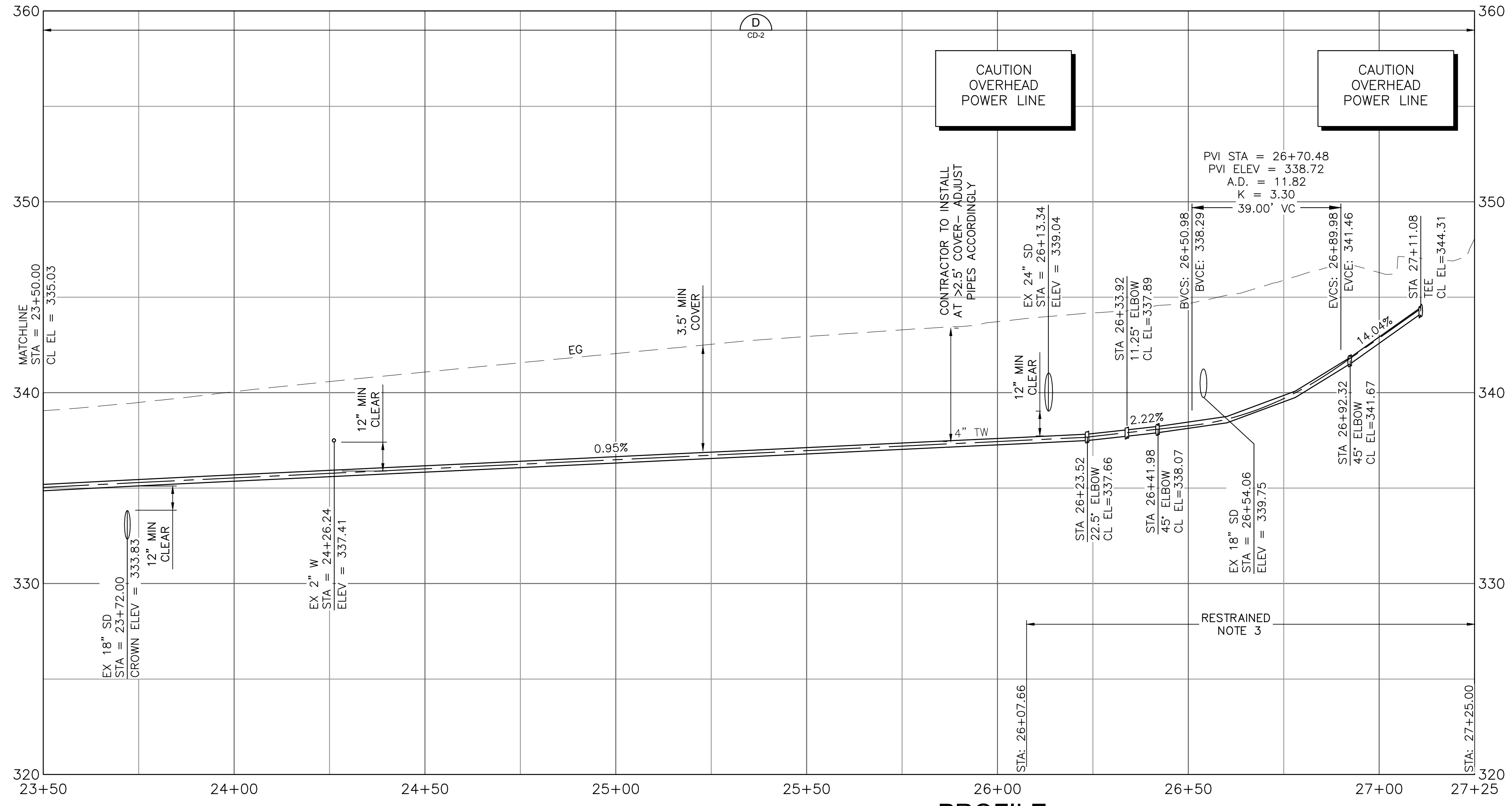
| | | |
|---|--------------------------------|---|
| DESIGNED BY: P. WEBSTER | CIVIL | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHS | SR-84 WEST ALIGNMENT | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | STA 18+50 TO 23+50 | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| REVISION | DATE | 0 1 2 3 4 |
| | | C-26 |
| | | SHEET 32 OF 43 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\SR-84 WATERLINE\DELIVERABLES\76279126.DWG (C-26)



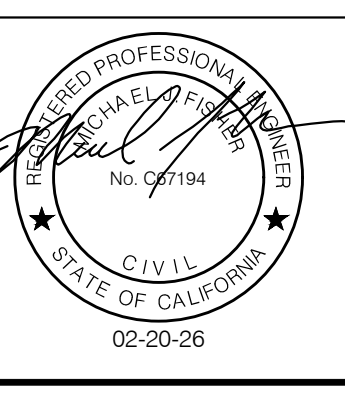
APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882

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 3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
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 5. CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL LOCAL RESIDENTS AT ALL TIMES DURING CONSTRUCTION.
 6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
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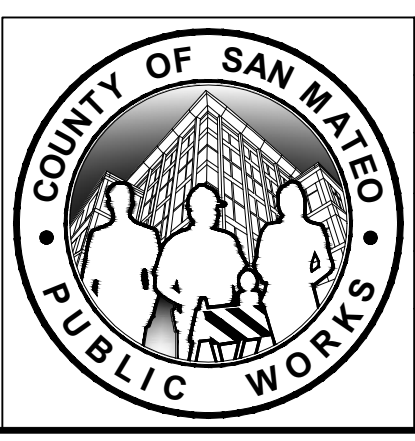
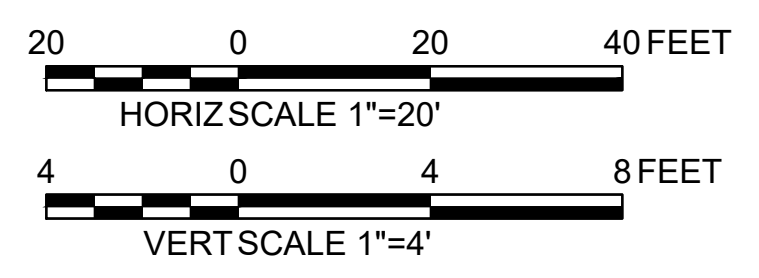


- KEY NOTES:**
 (NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL POTHOLE AND LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
 3. PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
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 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
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APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026

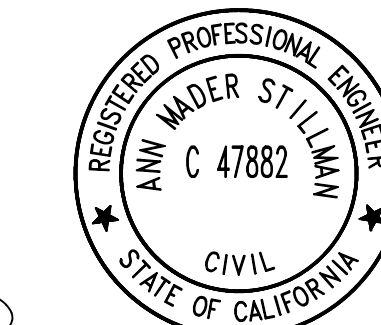


PROFILE
 1"=20' HORIZ
 1"=4' VERT

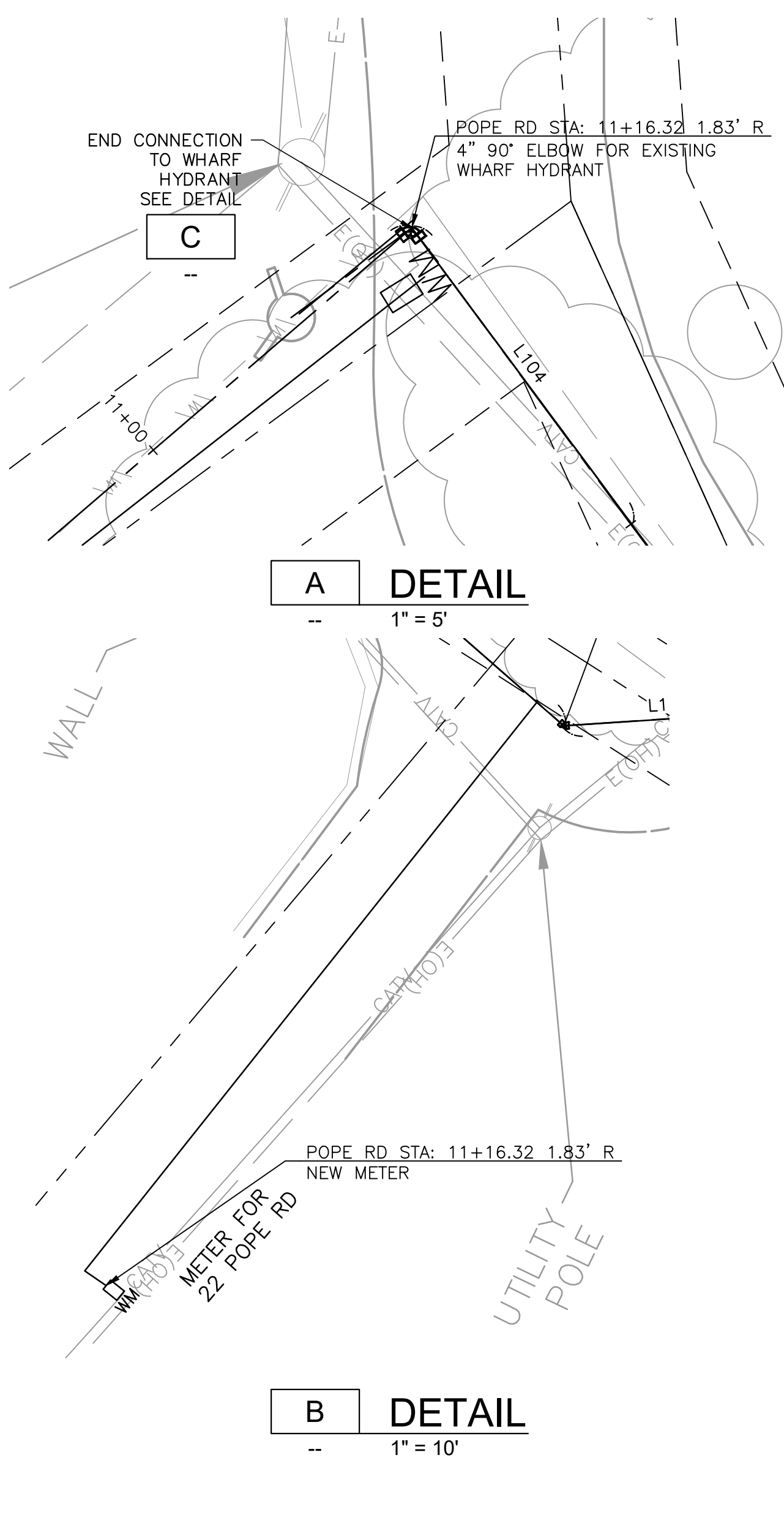
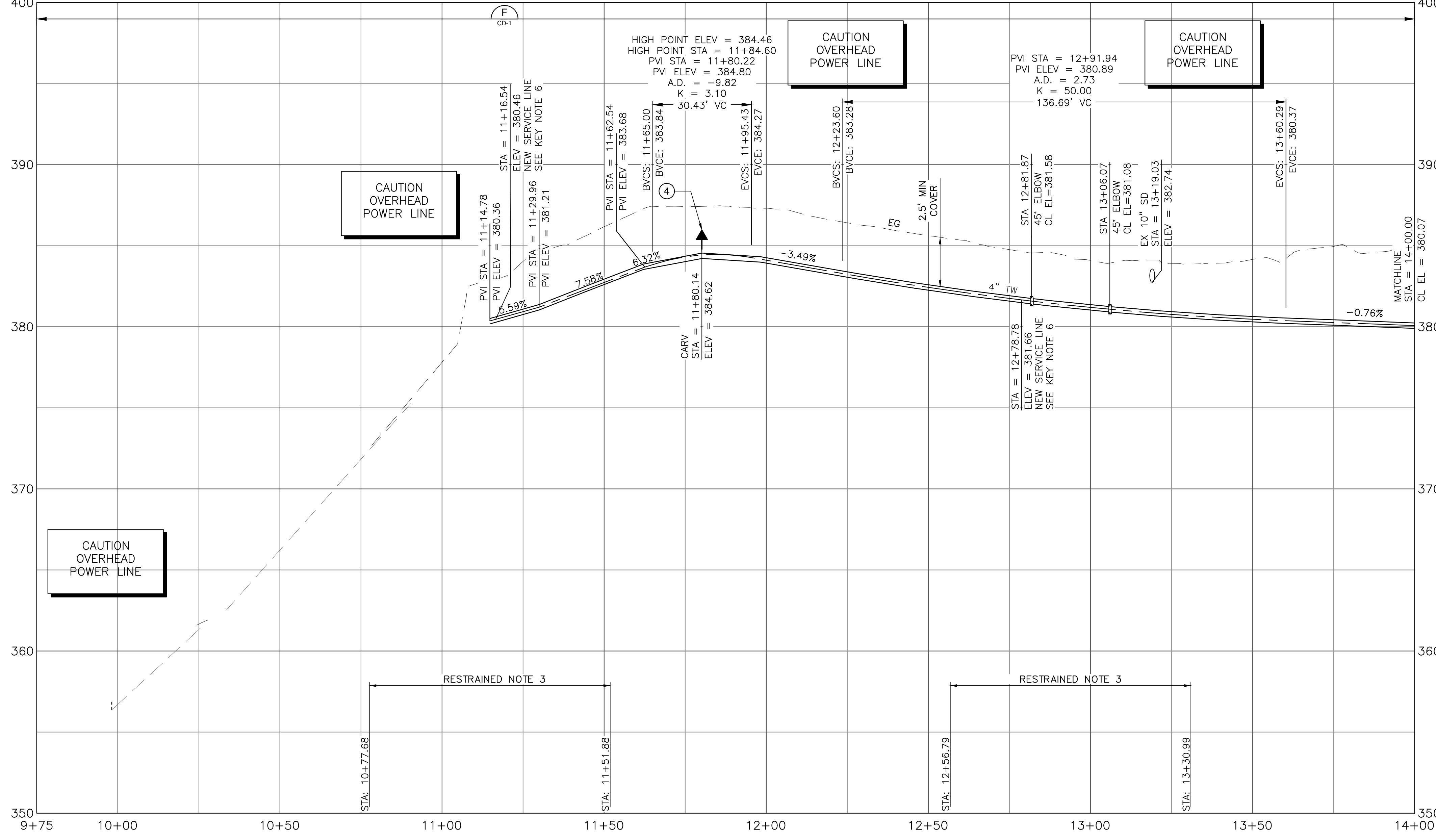
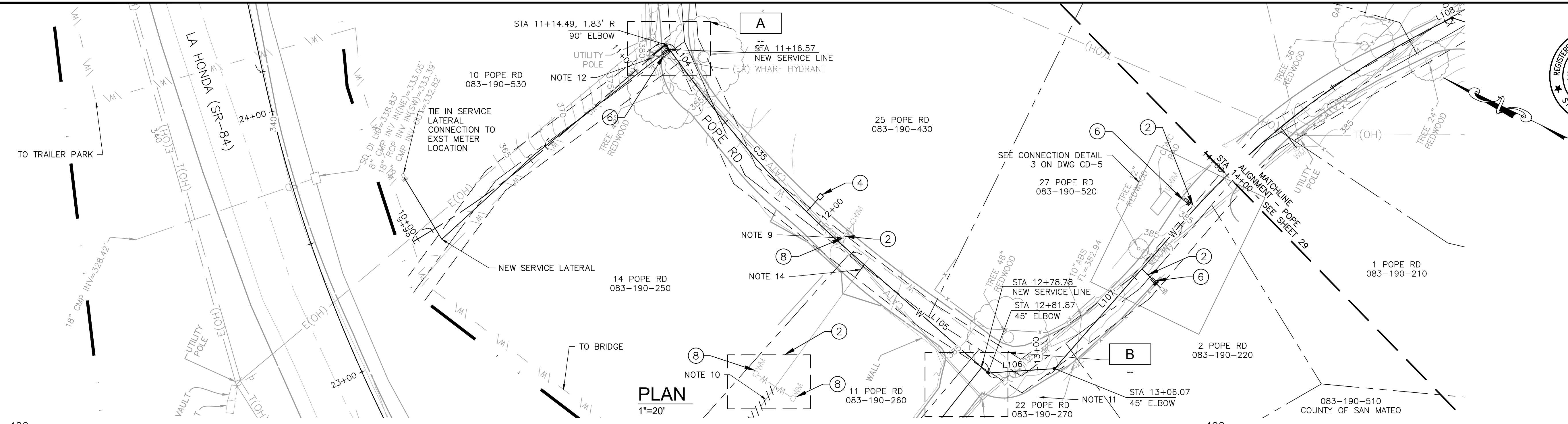


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|--------------------------|------|---|--|-------------------------------|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | | SR-84 WEST ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA 23+50 TO END | | FILE NO.: 1/18-065 |
| REVISION | DATE | ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS SAN MATEO COUNTY | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 | |
| | | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |
| | | | | C-27 SHEET 33 OF 43 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\SR18065 WATERLINE DELIVERABLES\76279127.DWG (C-27)



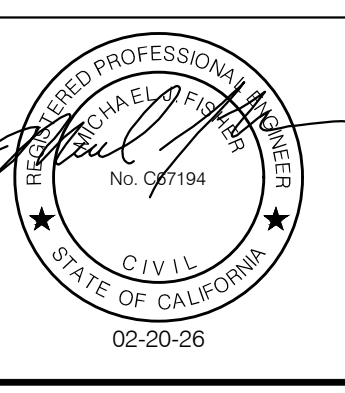
APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882



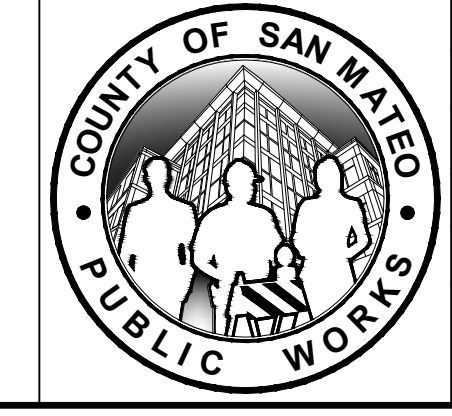
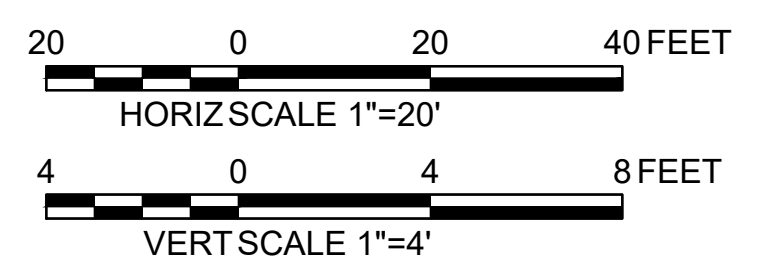
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 6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
 7. CONTRACTOR SHALL EMPLOY NECESSARY SWPPP AND BMP MEASURES TO PROTECT EXISTING STORM DRAINS FROM CONSTRUCTION RUNOFF AND PREVENT CONTAMINATES ENTERING STREAMS OR WATERWAYS. CONTRACTOR SHALL RESTORE ROAD SIDE DITCHES TO PRE-CONSTRUCTION CONDITION OR BETTER AND TO SATISFACTION OF THE OWNER.
 8. IT IS THE CONTRACTORS RESPONSIBILITY FOR DEVELOPING THE MEANS AND METHODS TO EMPLOY DURING CONSTRUCTION TO ELIMINATE RISKS ASSOCIATED WITH IMPINGEMENT INTO ADJACENT BURIED UTILITIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.
 9. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING WATER METERS AND SERVICE LINE ALONG POPE ROAD. TIE IN WITH EXISTING SERVICE CONNECTIONS UPON COMPLETION OF THE NEW TW PIPE.
 10. LOCATE THE EXISTING WATER LINE AND SERVICE CONNECTIONS DISCONNECT EXISTING 1-1/2" GSP DOWNSTREAM OF BOTH CONNECTIONS AFTER TYING IN WITH NEW WATER LINE.
 11. PROVIDE A NEW WATER SERVICE CONNECTION PER COUNTY STANDARD W-1.
 12. RECONNECT THE EX WHARF HYDRANT PER COUNTY STANDARD W-5.
 13. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION.
 14. CONTRACTOR TO RECONNECT EXISTING SERVICE LATERAL TO NEW 4" TW MAIN.
 15. CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
 16. UTILITY CROSSING PER DETAIL WW-15.
 17. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLINE BYPASS PLAY FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.

- KEY NOTES:**
 (NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
 2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
 3. PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
 4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
 5. INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
 6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
 7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.
 8. RECONNECT EXISTING METER TO NEW 4" TW MAIN. SERVICE CONNECTION PER COUNTY W-1.

APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



PROFILE
 1"=20' HORIZ
 1"=4' VERT



| | | | | |
|---|------|---|--|------------------------|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | | POPE ROAD ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA BEG TO 14+00 | | FILE NO.: 1/5032 |
| REVISION | DATE | ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS SAN MATEO COUNTY | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 | C-28 SHEET 34 OF 43 |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | | | |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\181\CSA7 WATERLINE\DELIVERABLES\76279128.DWG (C-28)



APPROVED:
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882

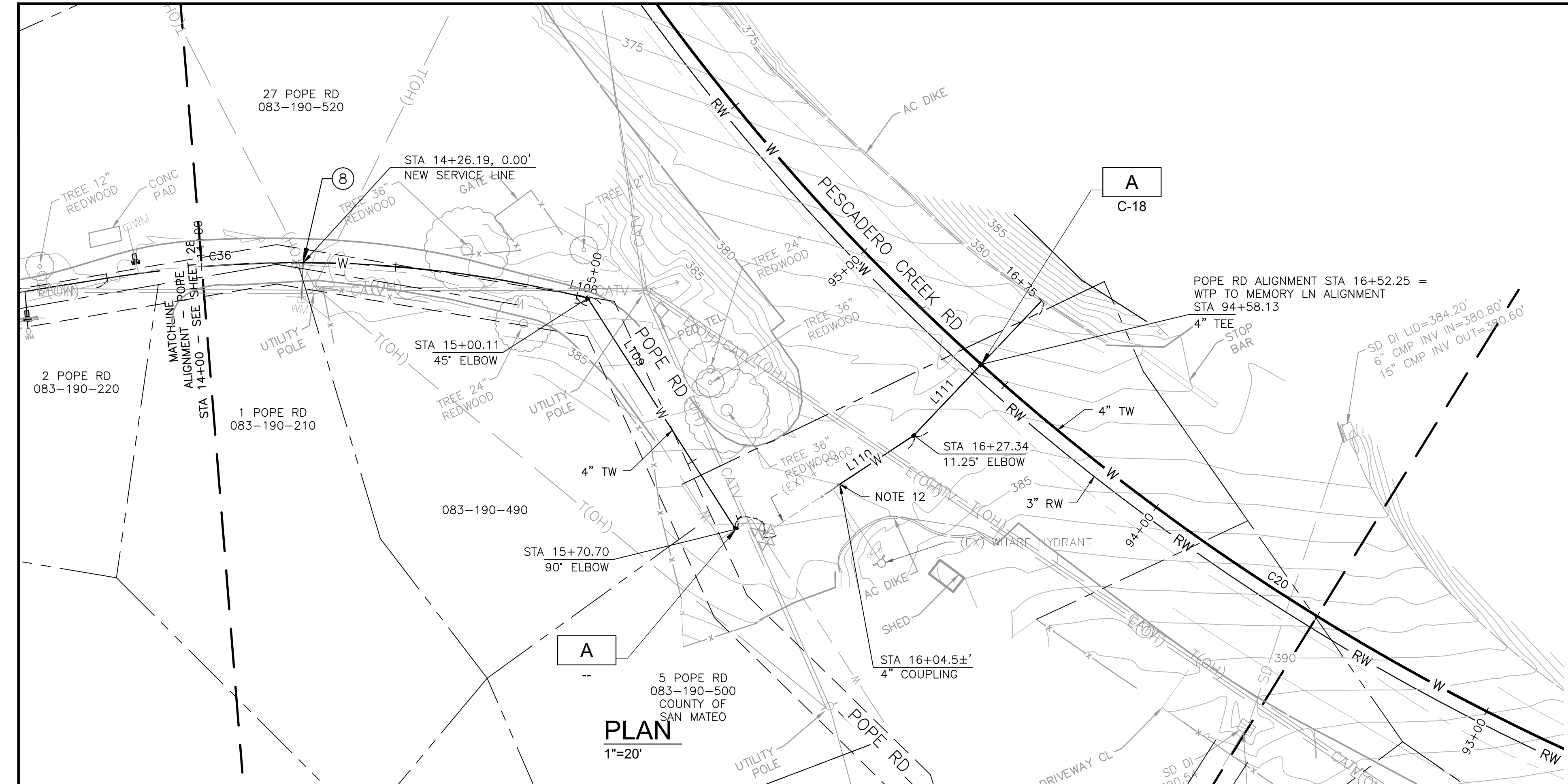
SHEET NOTES:

1. PROVIDE 12" MIN CLEARANCE FROM OTHER UTILITIES UNLESS OTHERWISE NOTED.
2. WATER MAIN SHALL HAVE NO JOINTS WITHIN 8 FT OF EITHER SIDE OF STORM DRAIN.
3. PIPELINE SHALL BE MECHANICALLY RESTRAINED PER SECTION 112 AND 113, UNLESS SPECIFIED OTHERWISE. SEE RESTRAINED LENGTH TABLE ON SHEET C-30.
4. CONTRACTOR SHALL MAINTAIN UNDISTRIBUTED UTILITY SERVICES TO HOMEOWNERS AT ALL TIMES.
5. CONTRACTOR SHALL MAINTAIN ACCESS FOR ALL LOCAL RESIDENTS AT ALL TIMES DURING CONSTRUCTION.
6. EXCAVATION WITHIN 6 FT OF UTILITY POLE SHALL BE COORDINATED WITH PG&E AND MAY REQUIRE CONSTRUCTION PHASE SUPPORT.
7. CONTRACTOR SHALL EMPLOY NECESSARY SWPPP AND BMP MEASURES TO PROTECT EXISTING STORM DRAINS FROM CONSTRUCTION RUNOFF AND PREVENT CONTAMINATES ENTERING STREAMS OR WATERWAYS. CONTRACTOR SHALL RESTORE ROAD SIDE DITCHES TO PRE-CONSTRUCTION CONDITION OR BETTER AND TO SATISFACTION OF THE OWNER.
8. IT IS THE CONTRACTORS RESPONSIBILITY FOR DEVELOPING THE MEANS AND METHODS TO EMPLOY DURING CONSTRUCTION TO ELIMINATE RISKS ASSOCIATED WITH IMPINGEMENT INTO ADJACENT BURIED UTILITIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES DURING CONSTRUCTION.
9. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL EXISTING WATER METERS AND SERVICE LINE ALONG POPE ROAD. TIE IN WITH EXISTING SERVICE CONNECTIONS UPON COMPLETION OF THE NEW TW PIPE.
10. LOCATE THE EXISTING WATER LINE AND SERVICE CONNECTIONS DISCONNECT EXISTING 1-1/2" GSP DOWNSTREAM OF BOTH CONNECTIONS AFTER TYING IN WITH NEW WATER LINE.
11. PROVIDE A NEW WATER SERVICE CONNECTION PER COUNTY STANDARD W-1.
12. EXPOSE THE EXISTING CAP AND TIE IN WITH EXISTING 4" C900 USING RETRAINED COUPLING PER SECTION 113.
13. SEE DRAWING C-30 FOR ALIGNMENT INFORMATION
14. CONTRACTOR SHALL CONSTRUCT PIPELINE AT DEEPER COVER WHERE VERTICAL AND HORIZONTAL CURVES DICTATE NECESSITY.
15. UTILITY CROSSING PER DETAIL WW-15.
16. CONTRACTOR SHALL MAINTAIN UTILITY SERVICES UNDISRUPTED TO HOMEOWNERS AND BUSINESS DURING SYSTEM TIE-INS. CONTRACTOR SHALL PROVIDE A HIGHLINE BYPASS PLAY FOR COUNTY REVIEW AND APPROVAL FOR EACH SYSTEM TIE-IN AT LEAST TWO WEEKS PRIOR TO CONSTRUCTION. SEE SPECIFICATIONS SECTION 100-45.

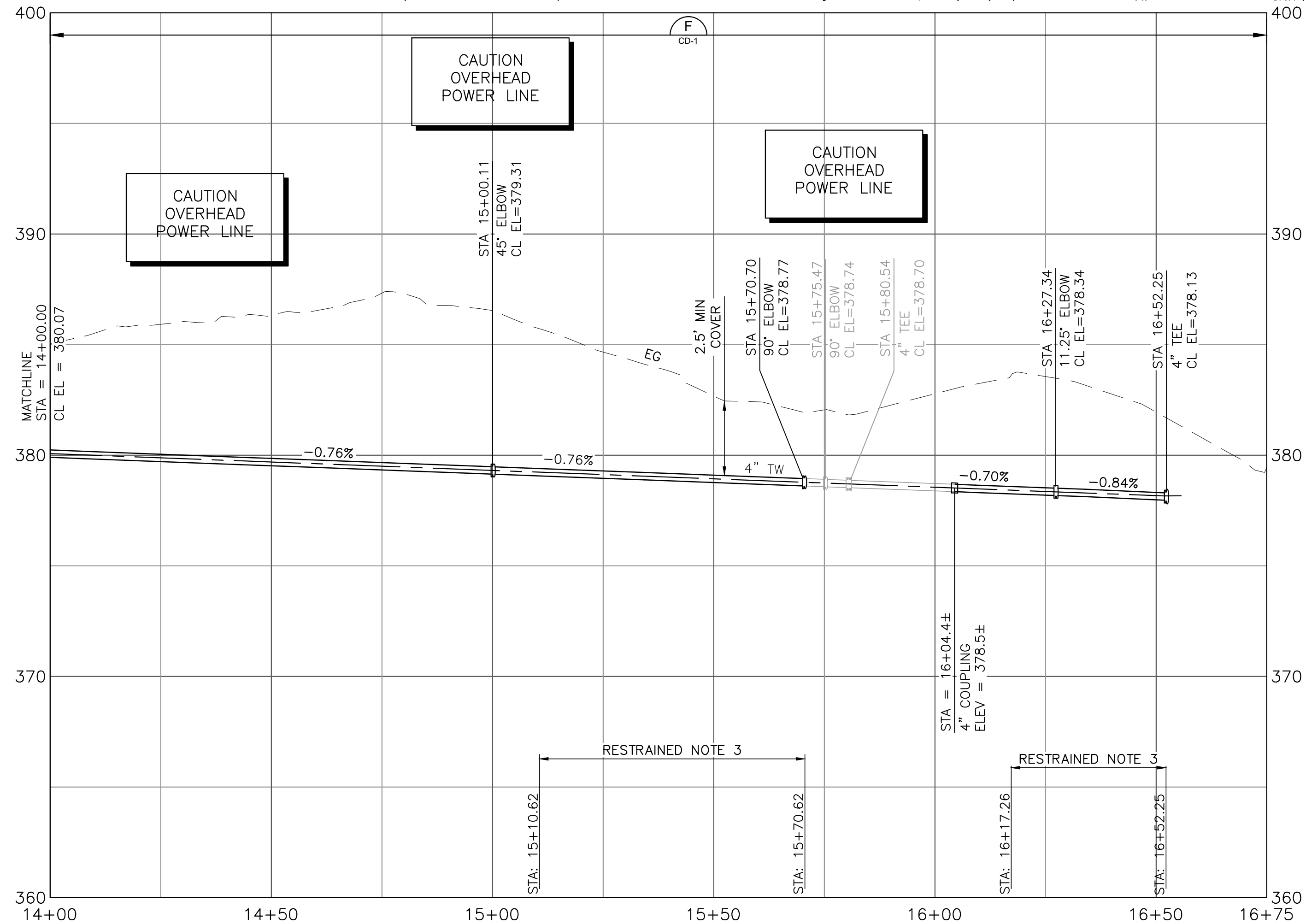
KEY NOTES:

(NOT ALL NOTES ARE REFERENCED ON EACH DRAWING)

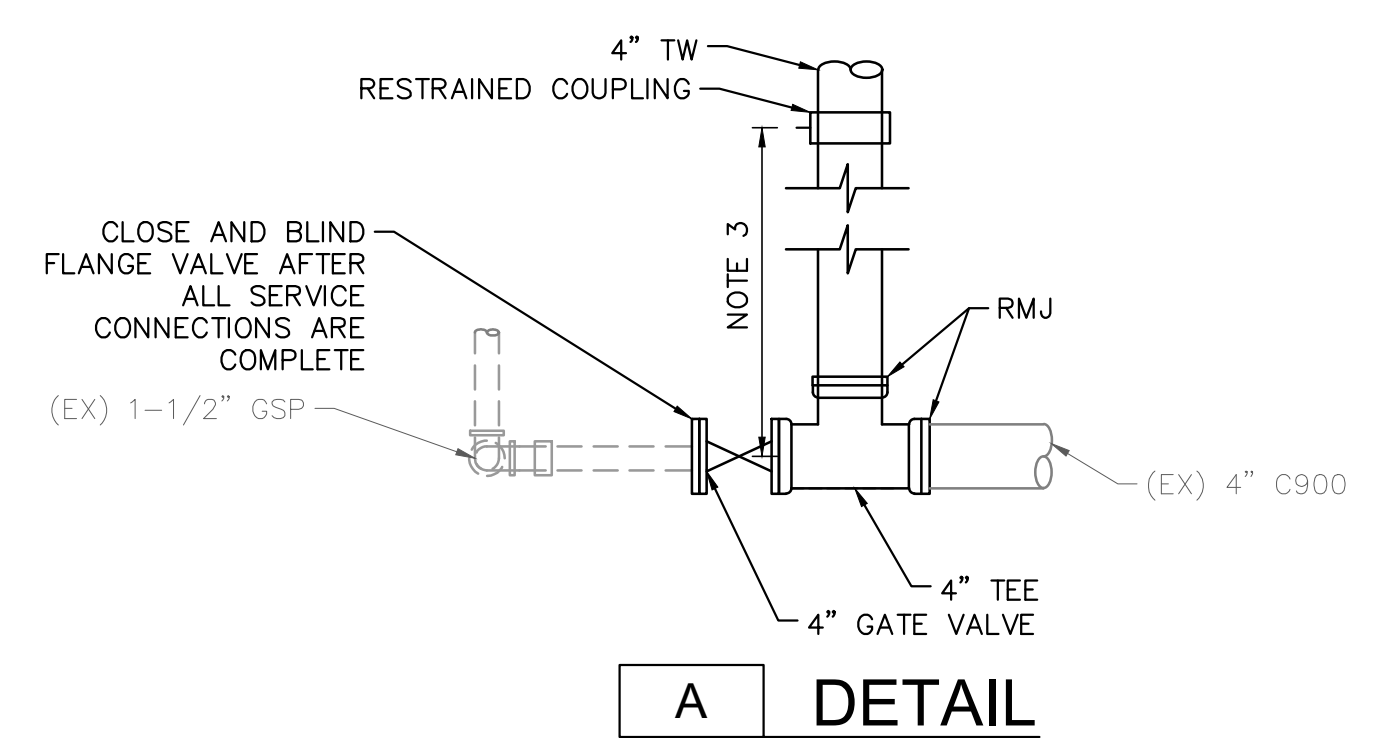
1. CONNECT TO EXISTING WATER MAIN PER DETAIL CALLOUT.
2. CONTRACTOR SHALL VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ARE BEST REPRESENTATION BASED ON FIELD VISITS AND ASBUILT DRAWINGS.
3. PROVIDE THRUST BLOCK PER COUNTY STANDARD DETAIL W-11.
4. INSTALL CARV PER COUNTY STANDARD DETAIL W-2.
5. INSTALL BOV PER COUNTY STANDARD DETAIL W-7.
6. CONNECT SERVICE LINE PER COUNTY STANDARD DETAIL W-1.
7. INSTALL GATE VALVE PER COUNTY STANDARD DETAIL W-3.
8. RECONNECT EXISTING METER TO NEW 4" TW MAIN. SERVICE CONNECTION PER COUNTY W-1.



PLAN
1"=20'

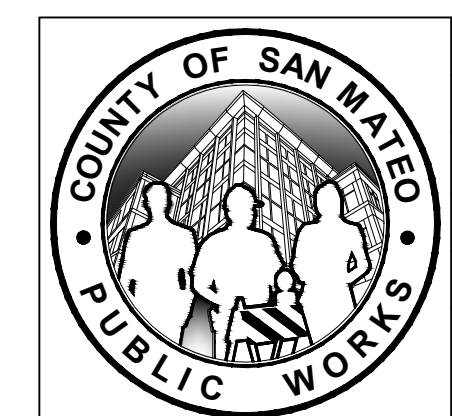
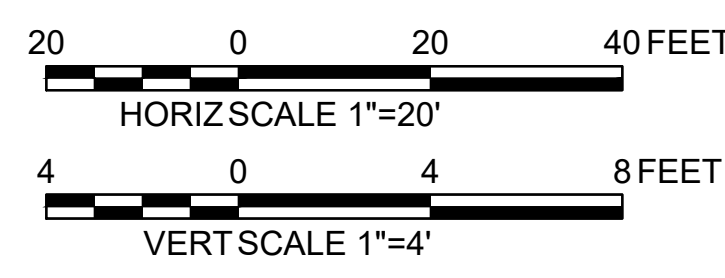
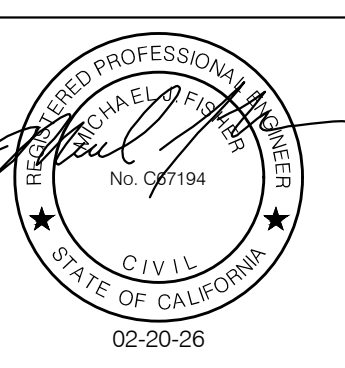


PROFILE
1"=20' HORIZ
1"=4' VERT



DETAIL

APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



| | | | | |
|---|------|---|--|------------------------|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSH | | POPE ROAD ALIGNMENT | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | STA 14+00 TO END | | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | 555 COUNTY CENTER, 5th FLOOR | | C-29 SHEET 35 OF 43 |
| SAN MATEO COUNTY | | REDWOOD CITY, CALIFORNIA 94063 | | |
| REVISION | DATE | FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |

FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\S1\CSA7 WATERLINE\DELIVERABLES\76279129.DWG (C-29)

| LINE TABLE | | | | |
|------------|-------------|----------|------------------------------|------------------------------|
| LINE # | BEARING | DISTANCE | START POINT | END POINT |
| L1 | N03°34'00"W | 86.23' | N: 1934882.23, E: 6048329.28 | N: 1934968.29, E: 6048323.92 |
| L2 | N05°36'59"E | 61.26' | N: 1935017.91, E: 6048324.80 | N: 1935078.88, E: 6048330.80 |
| L3 | N50°36'59"E | 3.99' | N: 1935078.88, E: 6048330.80 | N: 1935081.41, E: 6048333.88 |
| L4 | N39°21'59"E | 23.28' | N: 1935081.41, E: 6048333.88 | N: 1935099.41, E: 6048348.65 |
| L5 | N32°38'54"E | 16.21' | N: 1935128.80, E: 6048370.01 | N: 1935142.44, E: 6048378.75 |
| L6 | N22°53'54"E | 26.35' | N: 1935142.44, E: 6048378.75 | N: 1935196.71, E: 6048389.00 |
| L7 | N13°10'07"E | 50.10' | N: 1935216.71, E: 6048405.28 | N: 1935265.50, E: 6048416.69 |
| L8 | N01°19'34"E | 12.13' | N: 1935328.95, E: 6048424.76 | N: 1935341.07, E: 6048425.04 |
| L9 | N11°40'26"W | 10.92' | N: 1935410.97, E: 6048418.71 | N: 1935421.67, E: 6048416.50 |
| L10 | N24°40'26"W | 10.51' | N: 1935421.67, E: 6048416.50 | N: 1935431.22, E: 6048412.12 |
| L11 | N37°05'47"W | 158.70' | N: 1935488.79, E: 6048377.68 | N: 1935615.37, E: 6048281.96 |
| L12 | N52°03'12"W | 110.10' | N: 1935742.57, E: 6048156.63 | N: 1935810.28, E: 6048069.81 |
| L13 | N30°45'06"W | 37.31' | N: 1935900.39, E: 6047990.36 | N: 1935932.45, E: 6047971.28 |
| L14 | N25°35'13"W | 317.18' | N: 1936011.89, E: 6047928.75 | N: 1936297.96, E: 6047791.76 |
| L15 | N22°15'55"W | 246.28' | N: 1936297.96, E: 6047791.76 | N: 1936525.88, E: 6047698.45 |
| L16 | N33°30'23"W | 107.32' | N: 1936588.21, E: 6047665.47 | N: 1936677.69, E: 6047606.22 |
| L17 | N43°02'03"W | 25.80' | N: 1936724.64, E: 6047569.19 | N: 1936743.49, E: 6047551.58 |
| L18 | N34°33'55"W | 33.35' | N: 1936743.49, E: 6047551.58 | N: 1936770.96, E: 6047532.66 |
| L19 | N23°18'55"W | 20.00' | N: 1936770.96, E: 6047532.66 | N: 1936789.33, E: 6047524.75 |
| L20 | N00°48'55"W | 20.00' | N: 1936789.33, E: 6047524.75 | N: 1936809.32, E: 6047524.46 |
| L21 | N10°26'05"E | 20.00' | N: 1936809.32, E: 6047524.46 | N: 1936828.99, E: 6047528.08 |
| L22 | N32°56'05"E | 20.00' | N: 1936828.99, E: 6047528.08 | N: 1936845.78, E: 6047538.96 |
| L23 | N44°10'14"E | 20.00' | N: 1936845.78, E: 6047538.96 | N: 1936860.12, E: 6047552.89 |
| L24 | N66°43'18"E | 19.97' | N: 1936860.12, E: 6047552.89 | N: 1936868.02, E: 6047571.24 |
| L25 | N77°52'41"E | 19.99' | N: 1936868.02, E: 6047571.24 | N: 1936872.22, E: 6047590.78 |
| L26 | S79°38'18"E | 20.00' | N: 1936872.22, E: 6047590.78 | N: 1936888.62, E: 6047610.46 |
| L27 | S69°36'15"E | 26.75' | N: 1936888.62, E: 6047610.46 | N: 1936859.30, E: 6047635.53 |
| L28 | S42°27'33"E | 10.00' | N: 1936859.30, E: 6047635.53 | N: 1936851.92, E: 6047642.28 |
| L29 | S55°36'25"E | 115.21' | N: 1936694.23, E: 6047776.90 | N: 1936629.15, E: 6047871.97 |
| L30 | S35°00'27"E | 107.36' | N: 1936651.19, E: 6047950.78 | N: 1936463.25, E: 6048012.37 |
| L31 | S58°17'29"E | 22.34' | N: 1936363.51, E: 6048118.02 | N: 1936351.77, E: 6048137.02 |
| L32 | S79°47'29"E | 41.42' | N: 1936351.77, E: 6048137.02 | N: 1936344.43, E: 6048177.79 |
| L33 | N88°57'31"E | 20.00' | N: 1936344.43, E: 6048177.79 | N: 1936344.79, E: 6048197.78 |
| L34 | N77°42'31"E | 31.71' | N: 1936344.79, E: 6048197.78 | N: 1936351.54, E: 6048228.77 |
| L35 | N55°12'31"E | 28.00' | N: 1936351.54, E: 6048228.77 | N: 1936367.52, E: 6048251.77 |
| L36 | N43°57'31"E | 20.00' | N: 1936367.52, E: 6048251.77 | N: 1936381.92, E: 6048265.65 |
| L37 | N34°42'31"E | 20.00' | N: 1936381.92, E: 6048265.65 | N: 1936398.36, E: 6048277.04 |
| L38 | N24°27'31"E | 40.00' | N: 1936398.36, E: 6048277.04 | N: 1936434.77, E: 6048293.60 |
| L39 | N13°12'31"E | 20.00' | N: 1936434.77, E: 6048293.60 | N: 1936454.24, E: 6048298.17 |
| L40 | N01°57'31"E | 20.00' | N: 1936454.24, E: 6048298.17 | N: 1936474.23, E: 6048298.85 |
| L41 | N10°17'29"W | 40.00' | N: 1936474.23, E: 6048298.85 | N: 1936513.59, E: 6048291.71 |
| L42 | N20°32'29"W | 28.20' | N: 1936513.59, E: 6048291.71 | N: 1936539.99, E: 6048281.81 |
| L43 | N41°12'53"W | 68.06' | N: 1936539.99, E: 6048281.81 | N: 1936591.19, E: 6048236.97 |
| L44 | N34°33'34"W | 75.75' | N: 1936728.62, E: 6048130.03 | N: 1936791.00, E: 6048087.06 |
| L45 | N22°54'02"W | 224.80' | N: 1937099.27, E: 6047918.08 | N: 1937306.35, E: 6047830.61 |
| L46 | N21°56'48"W | 717.86' | N: 1937306.35, E: 6047830.61 | N: 1937972.19, E: 6047562.31 |
| L47 | N23°58'06"W | 285.71' | N: 1937972.19, E: 6047562.31 | N: 1938233.26, E: 6047446.25 |
| L48 | N28°58'06"W | 82.47' | N: 1938233.26, E: 6047446.25 | N: 1938305.41, E: 6047406.30 |
| L49 | N24°44'58"W | 619.06' | N: 1938305.41, E: 6047406.30 | N: 1938867.61, E: 6047147.13 |
| L50 | N70°29'25"W | 435.97' | N: 1939260.56, E: 6046716.50 | N: 1939406.16, E: 6046305.56 |
| L51 | N45°06'35"W | 724.61' | N: 1939673.99, E: 6045880.24 | N: 1940185.39, E: 6045366.88 |
| L52 | N01°42'49"W | 163.38' | N: 1940592.52, E: 6045190.60 | N: 1940755.82, E: 6045185.72 |
| L53 | N00°20'14"E | 157.25' | N: 1940755.82, E: 6045185.72 | N: 1940913.08, E: 6045186.64 |
| L54 | N24°57'55"E | 3.86' | N: 1941042.09, E: 6045215.60 | N: 1941045.59, E: 6045217.23 |
| L55 | N47°27'55"E | 139.41' | N: 1941045.59, E: 6045217.23 | N: 1941139.83, E: 6045319.95 |
| L56 | N23°17'55"E | 20.00' | N: 1941245.65, E: 6045395.10 | N: 1941264.02, E: 6045403.01 |
| L57 | N13°02'55"E | 19.47' | N: 1941264.02, E: 6045403.01 | N: 1941282.98, E: 6045407.41 |
| L58 | N08°47'27"W | 13.84' | N: 1941400.35, E: 6045411.77 | N: 1941414.03, E: 6045409.66 |
| L59 | N20°02'27"W | 20.00' | N: 1941414.03, E: 6045409.66 | N: 1941432.82, E: 6045402.80 |
| L60 | N38°12'50"W | 155.37' | N: 1941518.35, E: 6045355.14 | N: 1941640.42, E: 6045259.03 |

| LINE TABLE | | | | |
|------------|-------------|----------|------------------------------|------------------------------|
| LINE # | BEARING | DISTANCE | START POINT | END POINT |
| L61 | N26°57'50"W | 42.49' | N: 1941640.42, E: 6045259.03 | N: 1941678.30, E: 6045239.76 |
| L62 | N15°55'50"W | 4.70' | N: 1941678.30, E: 6045239.76 | N: 1941682.82, E: 6045238.47 |
| L63 | N04°25'14"W | 16.24' | N: 1941744.01, E: 6045227.49 | N: 1941760.20, E: 6045226.24 |
| L64 | N06°49'46"E | 39.21' | N: 1941760.20, E: 6045226.24 | N: 1941799.14, E: 6045230.90 |
| L65 | N20°04'46"E | 103.67' | N: 1941799.14, E: 6045230.90 | N: 1941896.50, E: 6045266.49 |
| L66 | N42°34'46"E | 14.94' | N: 1941896.50, E: 6045266.49 | N: 1941907.51, E: 6045276.60 |
| L67 | N55°49'46"E | 17.02' | N: 1941907.51, E: 6045276.60 | N: 1941917.07, E: 6045290.69 |
| L68 | N61°09'54"E | 65.37' | N: 1941932.15, E: 6045315.29 | N: 1941963.68, E: 6045372.56 |
| L69 | N16°09'54"E | 33.48' | N: 1941963.68, E: 6045372.56 | N: 1941995.83, E: 6045381.88 |
| L70 | N28°50'06"W | 36.06' | N: 1941995.83, E: 6045381.88 | N: 1942027.42, E: 6045364.49 |
| L71 | N42°05'06"W | 36.49' | N: 1942027.42, E: 6045364.49 | N: 1942054.49, E: 6045340.04 |
| L72 | N51°20'06"W | 29.15' | N: 1942054.49, E: 6045340.04 | N: 1942072.71, E: 6045317.27 |
| L73 | N63°19'53"W | 45.25' | N: 1942107.68, E: 6045262.73 | N: 1942127.99, E: 6045222.30 |
| L74 | N52°21'14"W | 125.33' | N: 1942159.55, E: 6045172.09 | N: 1942236.10, E: 6045072.85 |
| L75 | N61°36'14"W | 28.21' | N: 1942236.10, E: 6045072.85 | N: 1942276.76, E: 6045006.12 |
| L76 | N84°06'14"W | 60.75' | N: 1942276.76, E: 6045006.12 | N: 1942283.00, E: 6044945.69 |
| L77 | S71°18'34"W | 25.19' | N: 1942283.00, E: 6044945.69 | N: 1942274.93, E: 6044921.83 |
| L78 | S48°53'46"W | 64.32' | N: 1942274.93, E: 6044921.83 | N: 1942232.65, E: 6044873.37 |
| L79 | S24°23'46"W | 29.10' | N: 1942232.65, E: 6044873.37 | N: 1942206.14, E: 6044861.35 |
| L80 | S13°08'46"W | 35.77' | N: 1942206.14, E: 6044861.35 | N: 1942171.31, E: 6044853.21 |
| L81 | S00°01'31"W | 122.81' | N: 1942171.31, E: 6044853.21 | N: 1942048.50, E: 6044853.16 |
| L82 | S13°30'54"E | 20.60' | N: 1942048.50, E: 6044853.16 | N: 1942028.47, E: 6044857.97 |
| L83 | N76°27'20"E | 33.47' | N: 1942028.47, E: 6044857.97 | N: 1942036.31, E: 6044890.51 |
| L84 | N54°00'23"E | 46.80' | N: 1942036.31, E: 6044890.51 | N: 1942063.81, E: 6044928.38 |
| L85 | N42°45'07"E | 58.41' | N: 1942063.81, E: 6044928.38 | N: 1942106.70, E: 6044968.03 |
| L86 | N75°17'41"E | 117.29' | N: 1942106.70, E: 6044968.03 | N: 1942171.31, E: 6044964.93 |
| L87 | S82°12'19"E | 31.90' | N: 1942171.31, E: 6044964.93 | N: 1942062.29, E: 6043996.54 |
| L88 | S72°35'58"E | 5.41' | N: 1942062.29, E: 6043996.54 | N: 1942061.46, E: 6044052.37 |
| L89 | S61°30'50"E | 5.41' | N: 1942061.46, E: 6044052.37 | N: 1942061.76, E: 6044057.13 |
| L90 | S40°16'01"E | 120.54' | N: 1942061.76, E: 6044057.13 | N: 1940538.66, E: 6044145.82 |
| L91 | N77°38'17"E | 40.79' | N: 1940538.66, E: 6044145.82 | N: 1940446.68, E: 6044223.73 |
| L92 | N67°43'41"E | 36.44' | N: 1940446.68, E: 6044223.73 | N: 1940349.94, E: 6044536.41 |
| L93 | N24°39'27"E | 17.69' | N: 1940349.94, E: 6044536.41 | N: 1940363.48, E: 6044609.98 |
| L94 | N49°03'27"E | 128.26' | N: 1940363.48, E: 6044609.98 | N: 1940379.56, E: 6044617.36 |
| L95 | N49°03'27"E | 5.20' | N: 1940379.56, E: 6044617.36 | N: 1940463.60, E: 6044714.24 |
| L96 | N49°03'27"E | 7.54' | N: 1940463.60, E: 6044714.24 | N: 1940467.01, E: 6044718.17 |
| L97 | N26°21'26"E | 1.67' | N: 1940467.01, E: 6044718.17 | N: 1940471.95, E: 6044723.86 |
| L98 | N26°00'18"E | 158.53' | N: 1940471.95, E: 6044723.86 | N: 1940473.45, E: 6044724.61 |
| L99 | N51°49'00"E | 208.71' | N: 1940473.45, E: 6044724.61 | N: 1940474.92, E: 6044725.31 |
| L100 | N74°05'14"E | 10.39' | N: 1940474.92, E: 6044725.31 | N: 1940617.40, E: 6044794.82 |
| L101 | N86°20'14"E | 8.06' | N: 1940617.40, E: 6044794.82 | N: 1940937.59, E: 6045113.19 |
| L102 | S46°39'46"E | 50.34' | N: 1940937.59, E: 6045113.19 | N: 1940940.44, E: 6045123.19 |
| L103 | S89°39'46"E | 33.54' | N: 1940940.44, E: 6045123.19 | N: 1940940.96, E: 6045131.23 |
| L104 | S27°39'58"W | 15.66' | N: 1940940.96, E: 6045131.23 | N: 1940906.41, E: 6045167.84 |
| L105 | S15°21'20"W | 65.77' | N: 1940906.41, E: 6045167.84 | N: 1940906.21, E: 6045201.38 |
| L106 | S29°38'40"E | 24.20' | N: 1940587.56, E: 6044983.07 | N: 1940524.14, E: 6044965.66 |
| L107 | S74°38'40"E | 69.45' | N: 1940524.14, E: 6044965.66 | N: 1940503.10, E: 6044977.63 |
| L108 | S52°08'40"E | 2.85' | N: 1940503.10, E: 6044977.63 | N: 1940484.71, E: 6045044.60 |
| L109 | S08°08'40"E | 70.59' | N: 1940484.71, E: 6045044.60 | N: 1940430.54, E: 6045152.75 |
| L110 | N81°03'12"E | 46.80' | N: 1940430.54, E: 6045152.75 | N: 1940428.79, E: 6045155.00 |
| L111 | N68°00'43"E | 47.74' | N: 1940428.79, E: 6045155.00 | N: 1940358.92, E: 6045165.00 |
| L112 | | | N: 1940354.63, E: 6045170.48 | N: 1940361.91, E: 6045216.71 |
| L113 | | | N: 1940361.91, E: 6045216.71 | N: 1940379.78, E: 6045260.98 |

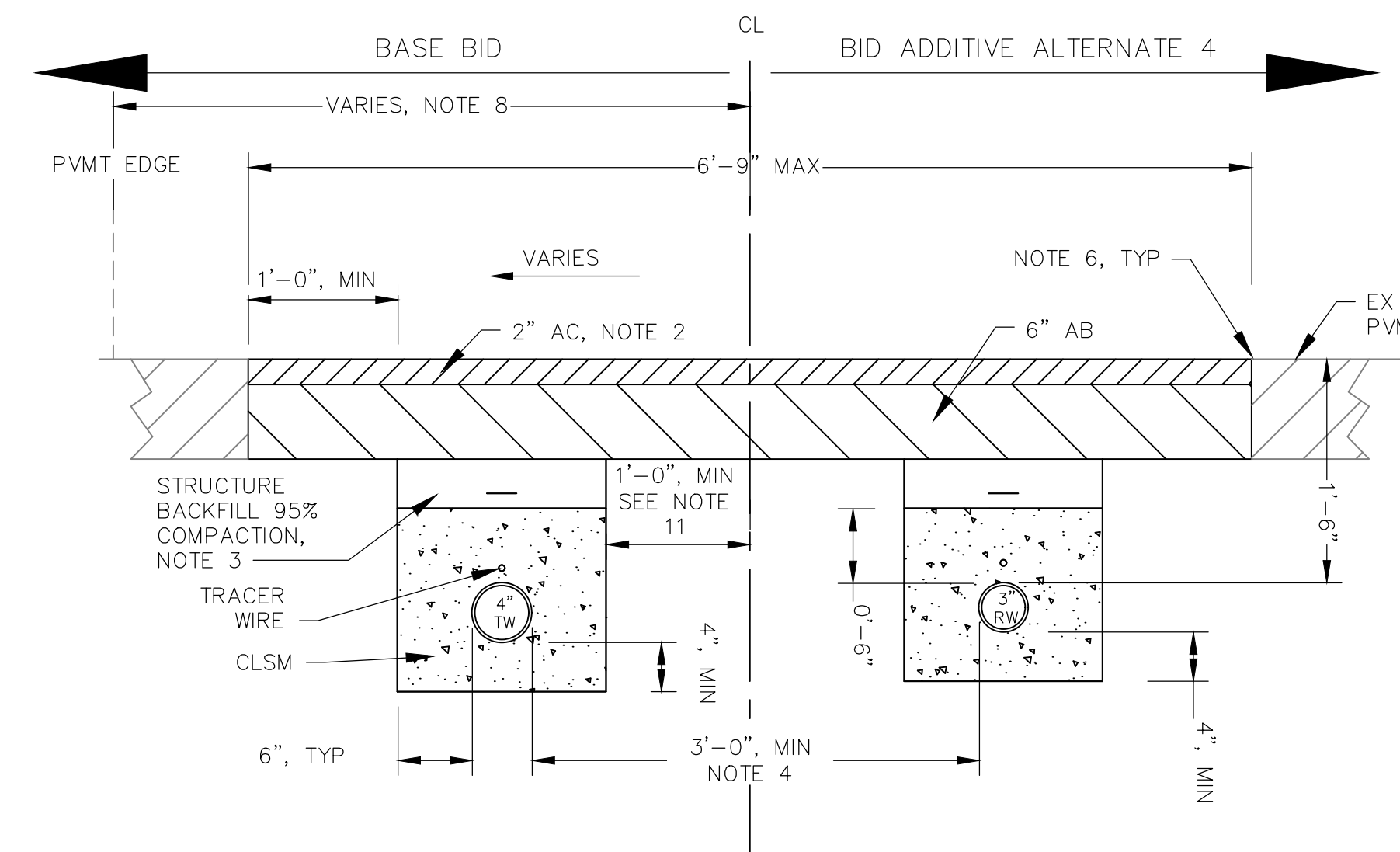
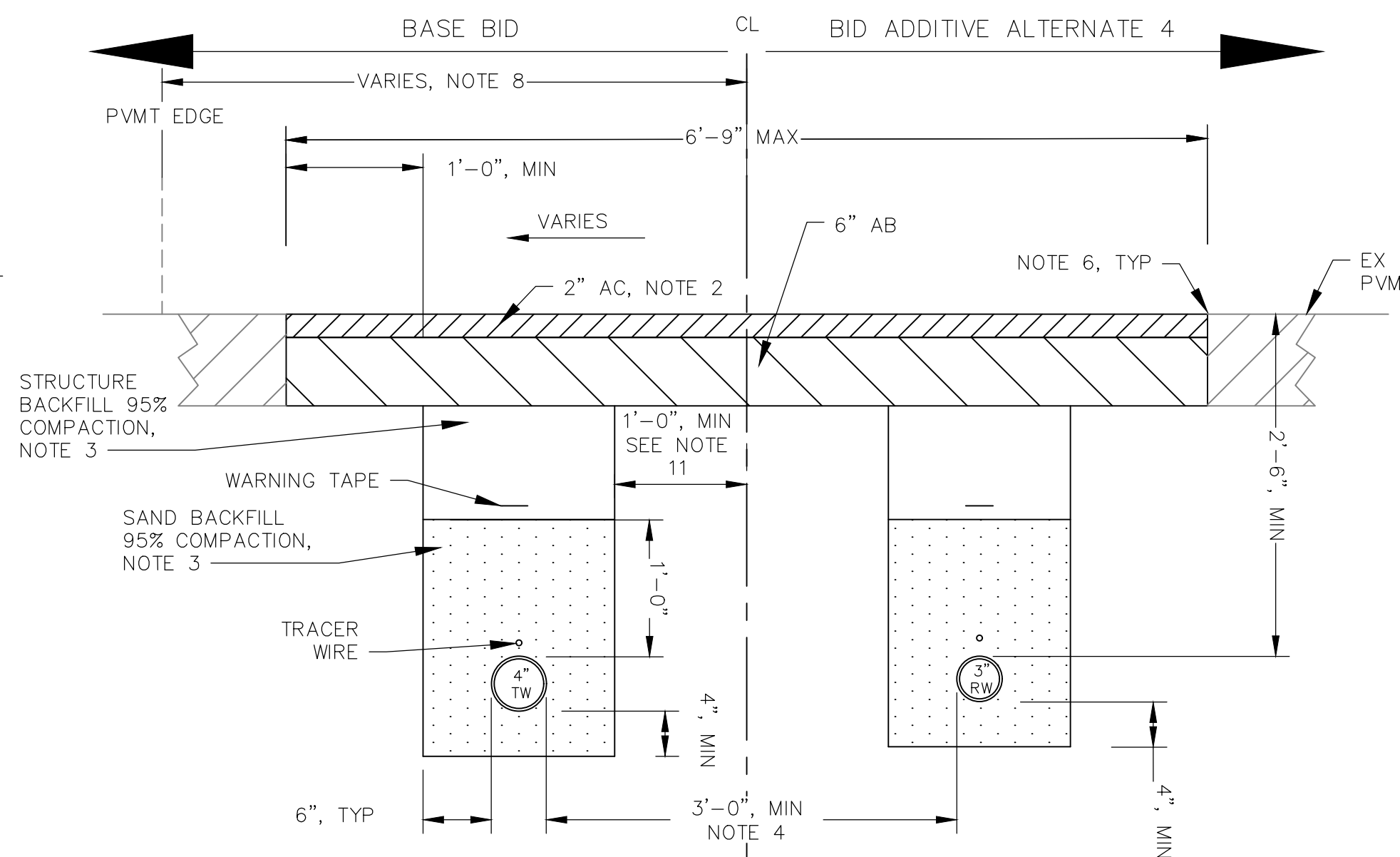
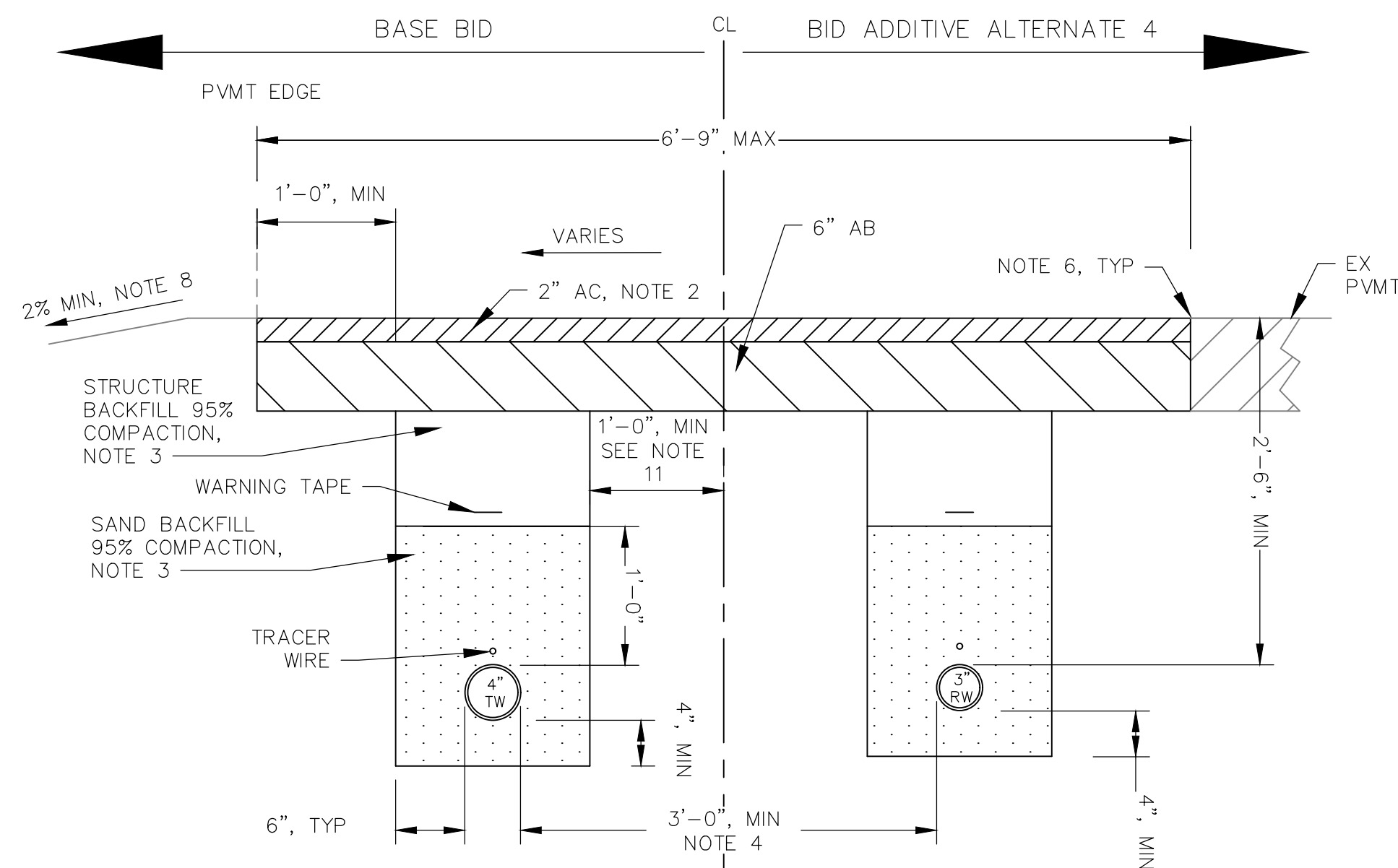
| CURVE TABLE | | | | | |
|-------------|---------|----------|------------|------------------------------|------------------------------|
| CURVE # | LENGTH | RADIUS | DELTA | START POINT | END POINT |
| C1 | 49.69' | 310.00' | 009°10'59" | N: 1934968.29, E: 6048323.92 | N: 1935017.91, E: 6048324.80 |
| C2 | 36.35' | 310.00' | 006°43'06" | N: 1935099.41, E: 6048348.65 | N: 1935128.80, E: 6048370.01 |
| C3 | 52.64' | 310.00' | 009°43'47" | N: 1935166.71, E: 6048389.00 | N: 1935216.71, E: 6048405.28 |
| C4 | 64.07' | 310.00' | 011°50'33" | N: 1935265.50, E: 6048416.69 | N: 1935328.95, E: 6048424.76 |
| C5 | 70.34' | 310.00' | 013°00'00" | N: 1935341.07, E: 6048425.04 | N: 1935410.97, E: 6048418.71 |
| C6 | 67.21' | 310.00' | 012°25'21" | N: 1935431.22, E: 6048412.12 | N: 1935488.79, E: 6048377.68 |
| C7 | 179.08' | 686.00' | 014°57'25" | N: 1935615.37, E: 6048281.96 | N: 1935742.57, E: 6048156.63 |
| C8 | 120.83' | 325.00' | 021°18'06" | N: 1935810.28, E: 6048069.81 | N: 1935900.39, E: 6047990.36 |
| C9 | 90.14' | 1000.00' | 005°09'53" | N: 1935932.45, E: 6047971.28 | N: 1936011.89, E: 6047928 |



APPROVED:
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882

NOTE: TRENCH SECTION ORIENTATION CHANGES WITH STATION, ORIENTED DOWN STATION FROM STA 10+00 TO STA 30+40 AND ORIENTED UP AFTER STA 30+40. TW TRENCH TO BE CLOSER TO PAVEMENT EDGE.

NOTE: TRENCH SECTION ORIENTATION CHANGES WITH STATION, ORIENTED DOWN STATION FROM STA 10+00 TO STA 30+40 AND ORIENTED UP AFTER STA 30+40. TW TRENCH TO BE CLOSER TO PAVEMENT EDGE.



A STD TRENCH - PAVEMENT EDGE

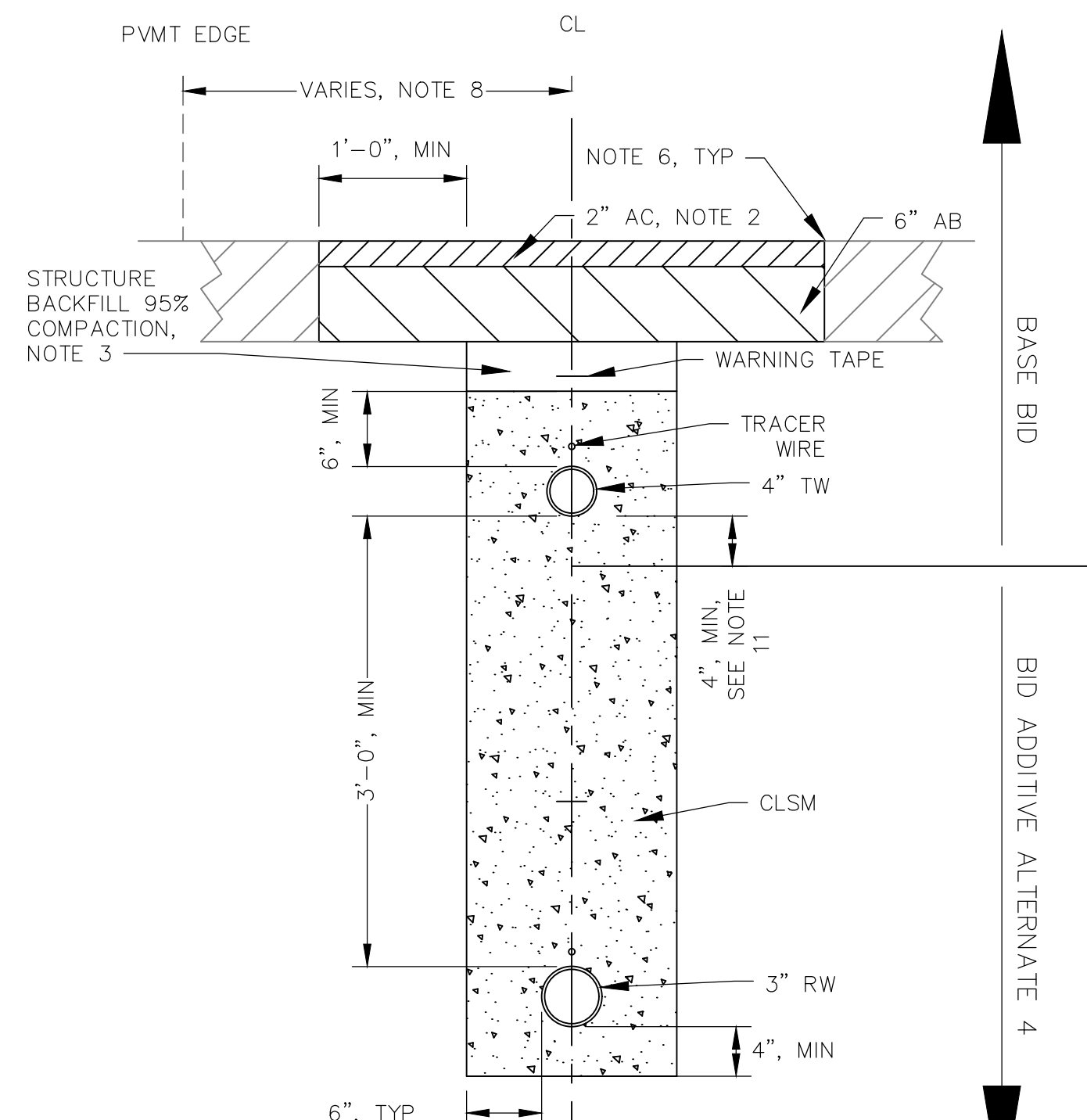
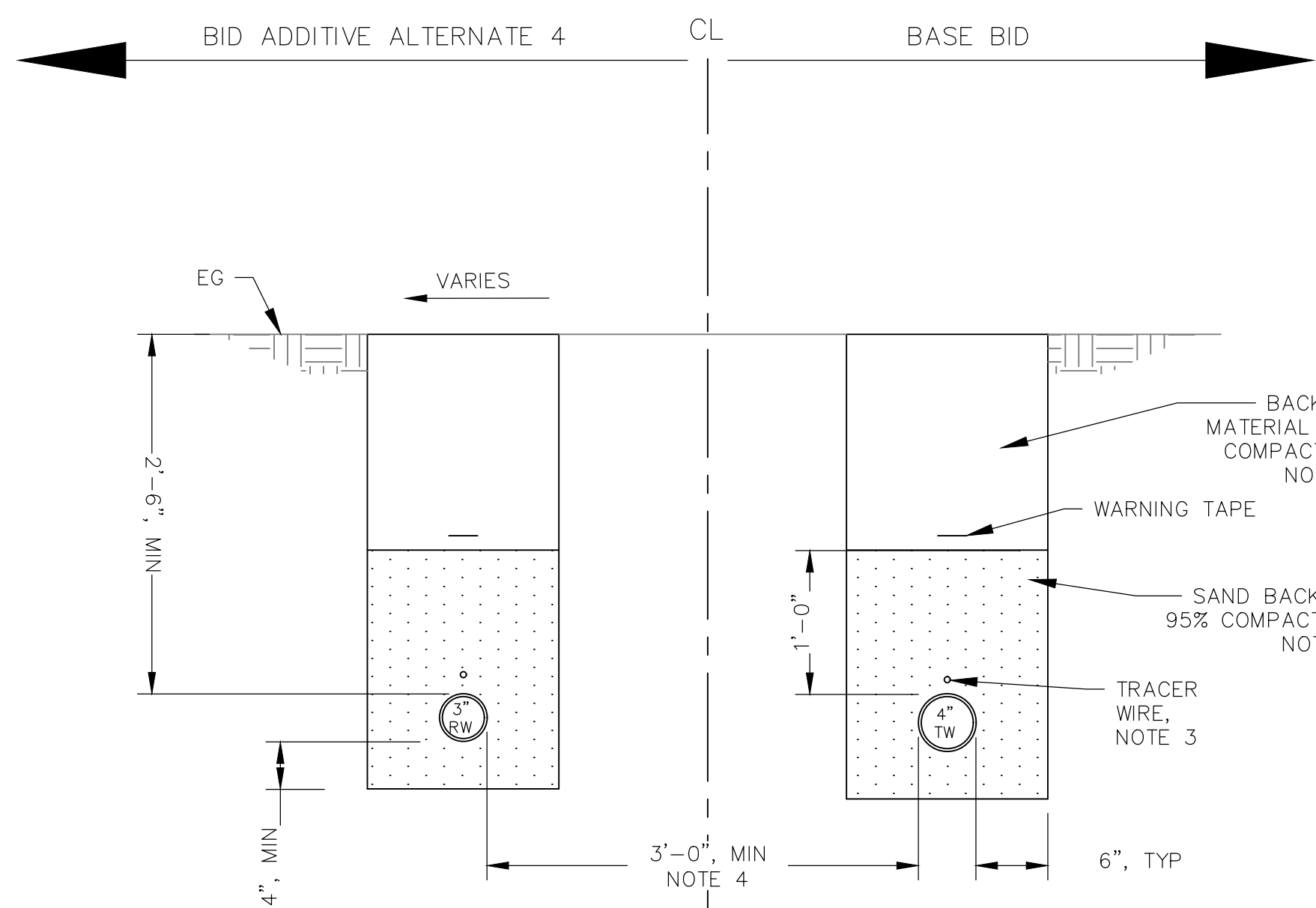
| START STA | END STA | ALIGNMENT NAME | SHEET |
|-----------|----------|-----------------------|-------------|
| 11+23.00 | 16+50.00 | WTP TO MEMORY LN ALGN | C-1 |
| 22+50.00 | 29+50.00 | WTP TO MEMORY LN ALGN | C-3 TO C-5 |
| 31+00.00 | 41+00.00 | WTP TO MEMORY LN ALGN | C-5 TO C-7 |
| 43+25.00 | 63+50.00 | WTP TO MEMORY LN ALGN | C-7 TO C-11 |

B STD TRENCH - PAVEMENT

| START STA | END STA | ALIGNMENT NAME | SHEET |
|-----------|-----------|-----------------------|--------------|
| 16+50.00 | 22+50.00 | WTP TO MEMORY LN ALGN | C-2 TO C-3 |
| 63+50.00 | 100+50.00 | WTP TO MEMORY LN ALGN | C-12 TO C-19 |

C SHALLOW TRENCH - COUNTY ROW

| START STA | END STA | ALIGNMENT NAME | SHEET |
|-----------|----------|-----------------------|-------|
| 41+00.00 | 43+25.00 | WTP TO MEMORY LN ALGN | C-7 |

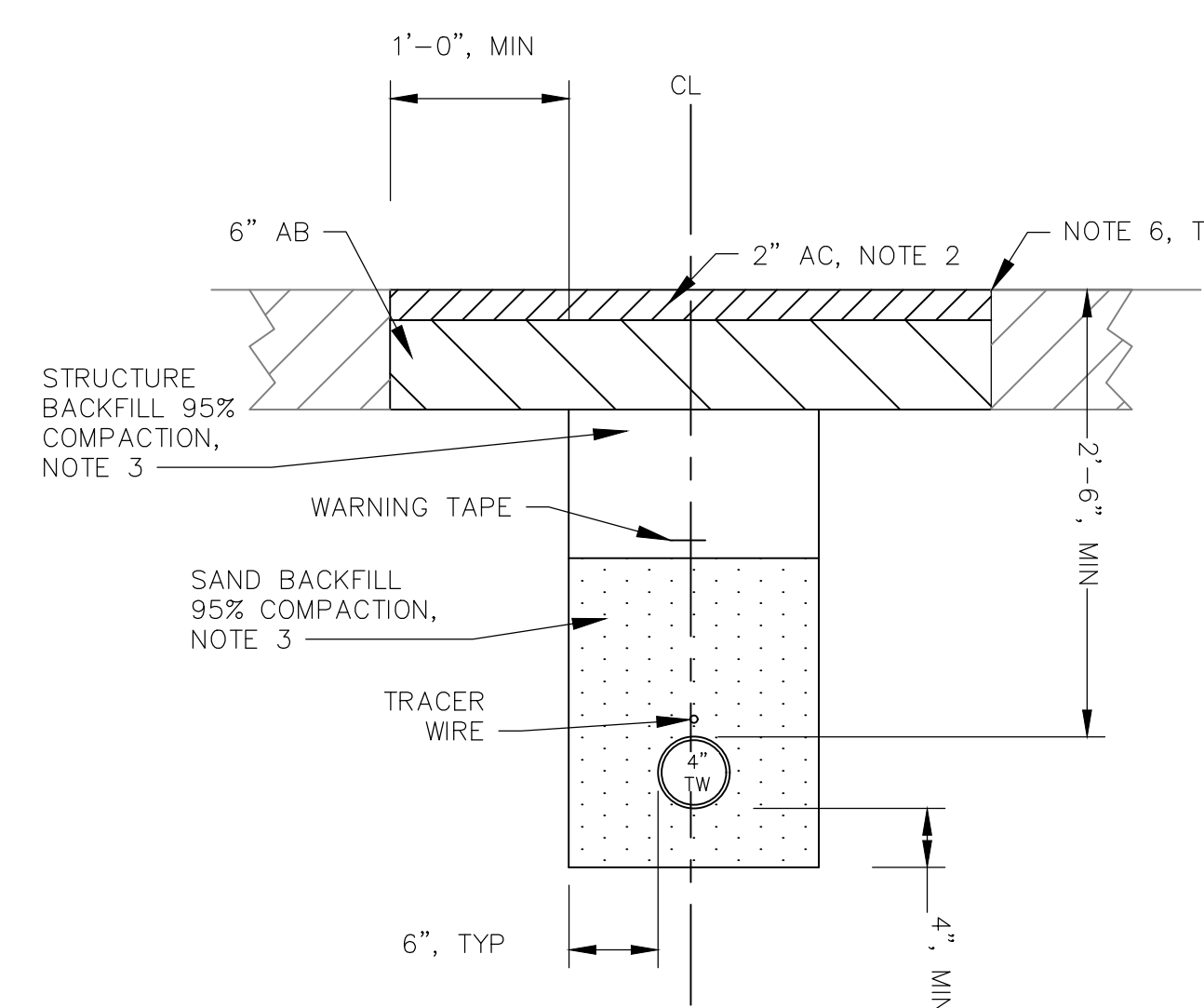


D STD TRENCH - SOIL

| START STA | END STA | ALIGNMENT NAME | SHEET |
|-----------|----------|-----------------------|-------|
| 10+00.00 | 11+23.00 | WTP TO MEMORY LN ALGN | C-1 |

E TRANSITIONAL TRENCH - COUNTY ROW

| START STA | END STA | ALIGNMENT NAME | SHEET |
|-----------|----------|-----------------------|-------|
| 29+50.00 | 31+00.00 | WTP TO MEMORY LN ALGN | C-5 |



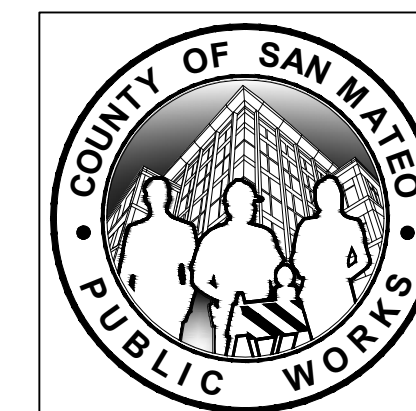
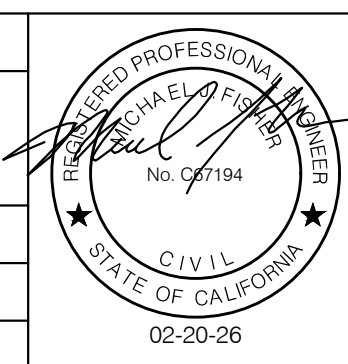
F STANDARD SINGLE TRENCH

| START STA | END STA | ALIGNMENT NAME | SHEET |
|-----------|-----------|-----------------------|--------------|
| 10+00.00 | 16+52.25 | POPE ROAD ALGN | C-28 TO C-29 |
| 112+84.64 | 121+43.00 | WTP TO MEMORY LN ALGN | C-21 TO C-23 |

- CONSTRUCTION NOTES:**
- PAVEMENT MARKINGS AND STRIPING REMOVED OR DAMAGED DURING CONSTRUCTION MUST BE REPLACED IN ACCORDANCE WITH COUNTY OF SAN MATEO STANDARDS AND TO SATISFACTION OF THE INSPECTOR.
 - ASPHALT CONCRETE SHALL CONFORM TO SECTION 107 OF COUNTY OF SAN MATEO STANDARD SPECIFICATIONS.
 - COMPLY WITH COUNTY OF SAN MATEO STANDARD W-10 FOR TRENCH BACKFILL AND BEDDING.
 - NON-ENCASED RW MAY NOT BE INSTALLED IN SAME TRENCH AS NON-ENCASED POTABLE WATER UTILITIES. PER PROJECT SPECIFIC DDW PERMIT REQUIREMENTS, RW MAY BE LOCATED A MINIMUM OF 3'-0" FROM PARALLEL POTABLE WATER UTILITIES.
 - SURFACE RESTORATION AND EROSION CONTROL APPLIED TO FINISHED GRADE SHALL CONSIST OF SURFACE SCARIFICATION AND APPROVED SWPPP CONTROLS.
 - CUT EX ROADWAY TO PROVIDE VERTICAL SURFACES. CUT EDGES TO BE STRAIGHT AND NEAT IN APPEARANCE. APPLY TACK COAT PRIOR TO PLACING AC. APPLY SEAL COAT TO FINISHED SURFACES ALONG LONGITUDINAL JOINT PER SECTION 107 OF COUNTY OF SAN MATEO.
 - ALL TRENCH WORK IS SUBJECT TO STATE AND COUNTY REGULATIONS AND INSPECTION. ALL MATERIALS, WORKSMANSHIP, TESTING, AND INSPECTION SHALL COMPLY WITH COUNTY OF SAN MATEO SPECIFICATIONS.
 - TRENCH CENTERLINE OFFSET FROM PAVEMENT EDGE CHANGES BY STATION. CONTRACTOR SHALL RETURN SIDE GUTTER AND SHOULDER TO PRE-CONSTRUCTION CONDITIONS OR BETTER AND PROVIDE PROPER EDGE TREATMENT AND DRAINAGE TO THE SATISFACTION OF INSPECTOR.
 - CONTRACTOR SHALL REPLACE DAMAGED OR REMOVED SIGNS DURING CONSTRUCTION TO MATCH PRE-CONSTRUCTION CONDITIONS OR BETTER AND TO THE SATISFACTION OF THE OWNER.
 - ON TRENCHES THAT PARALLEL THE ROAD ARE WITHIN EXISTING BICYCLE LANES, THE WIDTH OF THE STRUCTURAL SECTION SHALL BE GREATER THAN OR EQUAL TO THE WIDTH OF THE EXISTING BICYCLE LANE, WHICHEVER IS WIDER. PAVING JOINTS WITHIN BICYCLE LANES ARE NOT ALLOWED.
 - IF RAW WATER PIPE IS NOT CONSTRUCTED, UTILIZE T-TRENCH AS DIMENSIONED.

APPROVED DATE: FEBRUARY 20, 2026

SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



| DESIGNED BY: | CHECKED BY: | DRAWN BY: | REVISION | DATE |
|--------------|-------------|-----------|----------|------|
| P. WEBSTER | M. KARBAKSH | A. CORREA | | |

CIVIL DETAILS
 COUNTY ROW
 DETAILS

ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS
 SAN MATEO COUNTY

555 COUNTY CENTER, 5th FLOOR
 REDWOOD CITY, CALIFORNIA 94063

SCALE: N/A
 DATE: FEB 2026
 FILE NO.: 1/5032

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

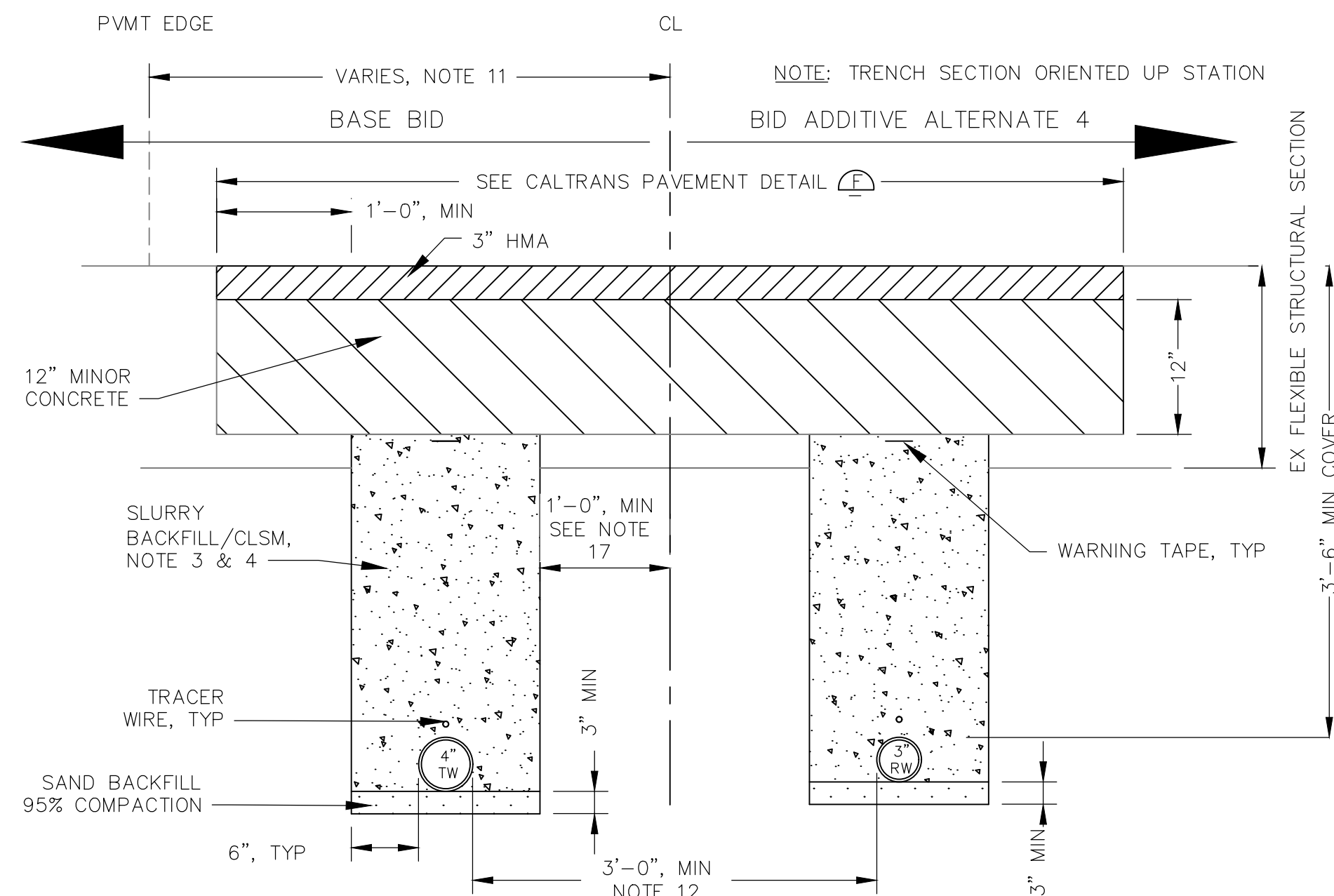
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CD-1
 SHEET 37 OF 43

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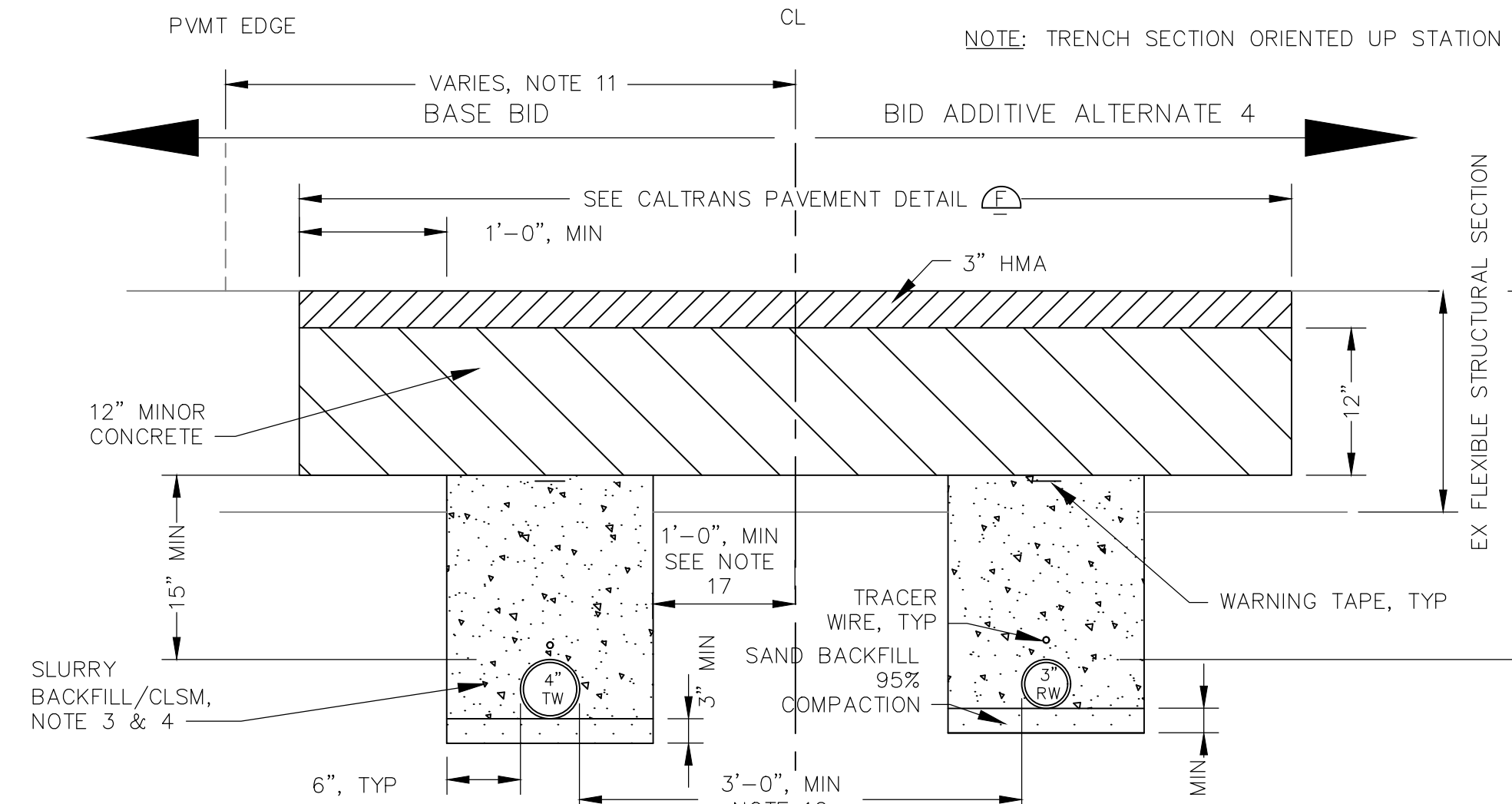


APPROVED: _____
 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882



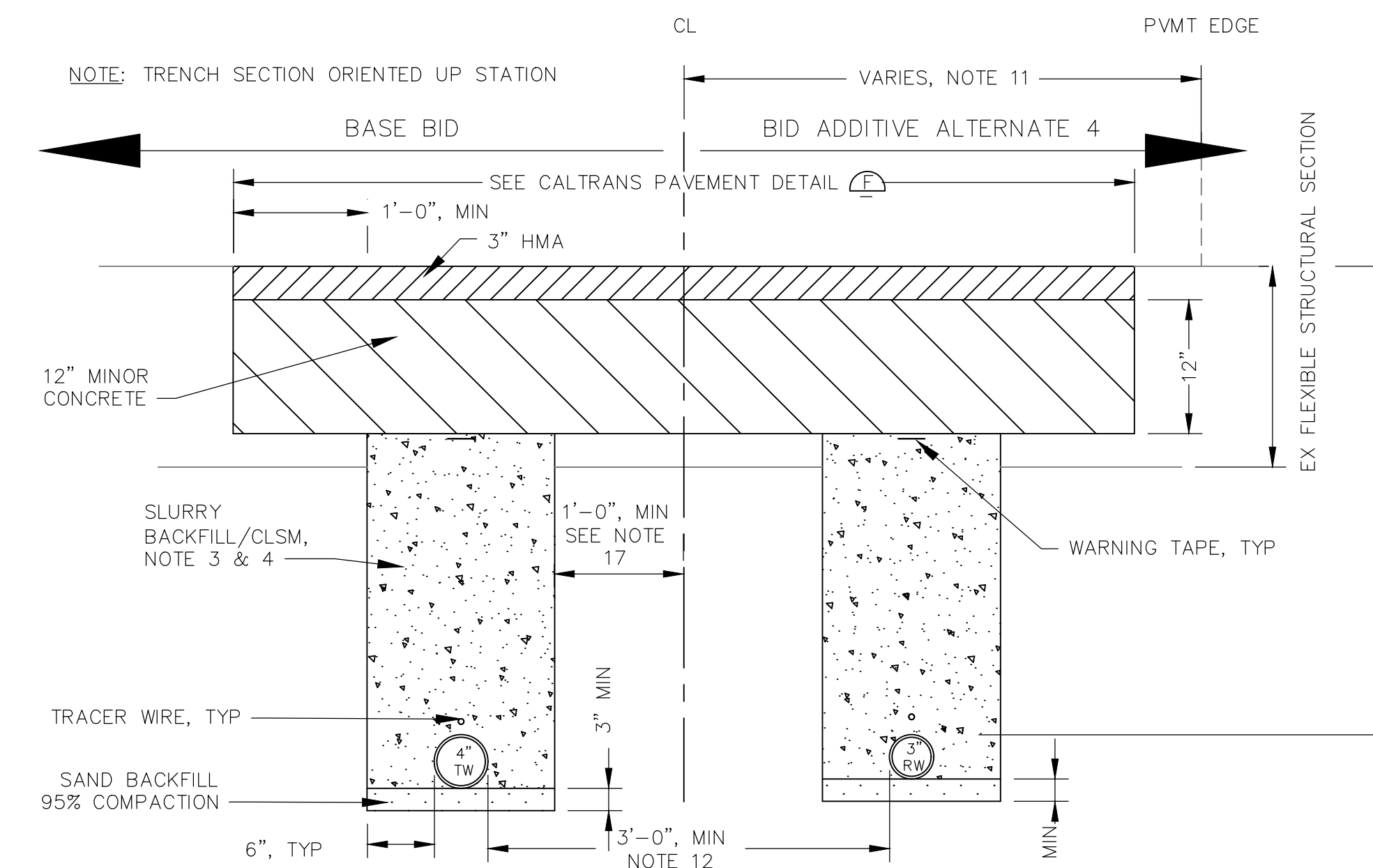
A STD TRENCH - PAVEMENT

1" = 1'-0"
 START STA 101+49.00 END STA 111+28.00 ALIGNMENT NAME WTP TO MEMORY LN ALGN SHEET C-19 TO C-21



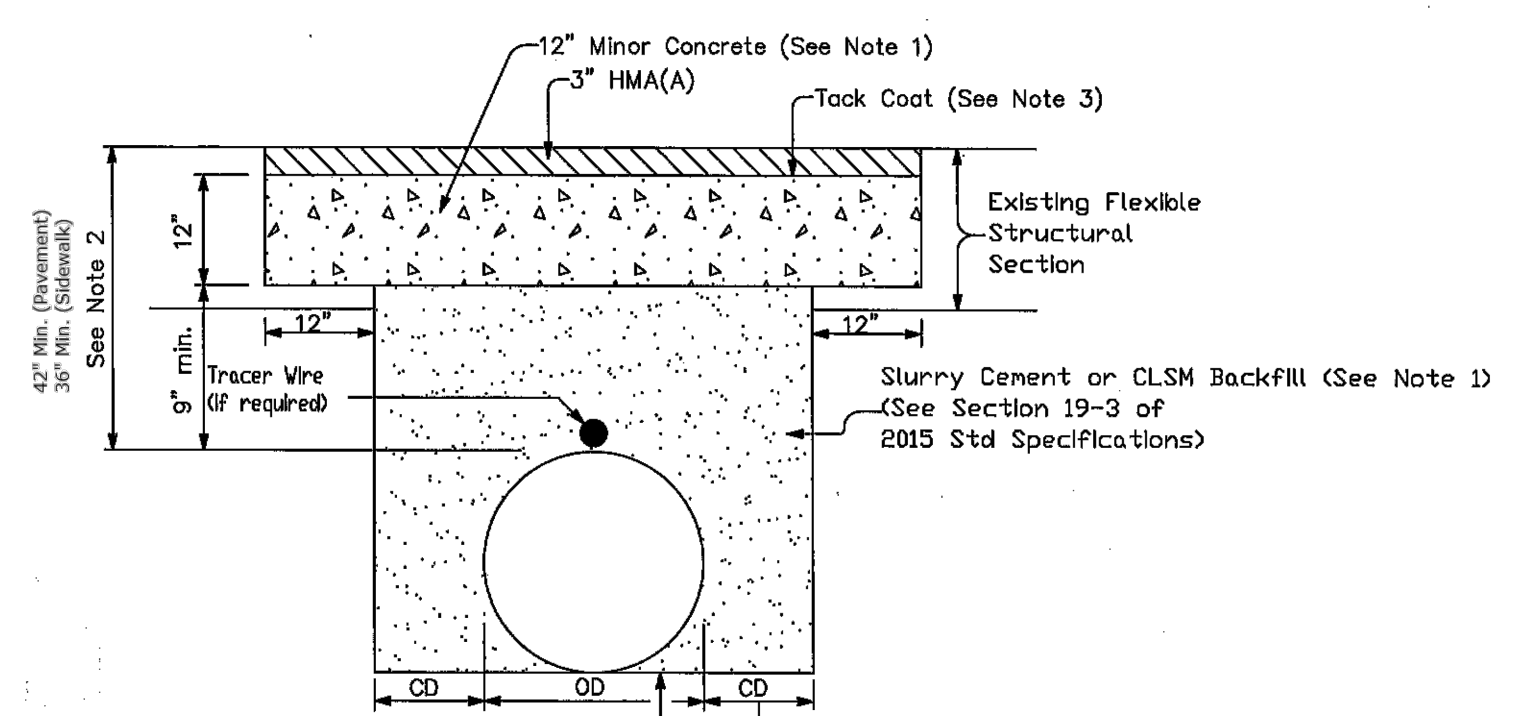
B SHALLOW TRENCH - PAVEMENT

1" = 1'-0"
 START STA 100+50.00 END STA 101+40.00 ALIGNMENT NAME WTP TO MEMORY LN ALGN SHEET C-19



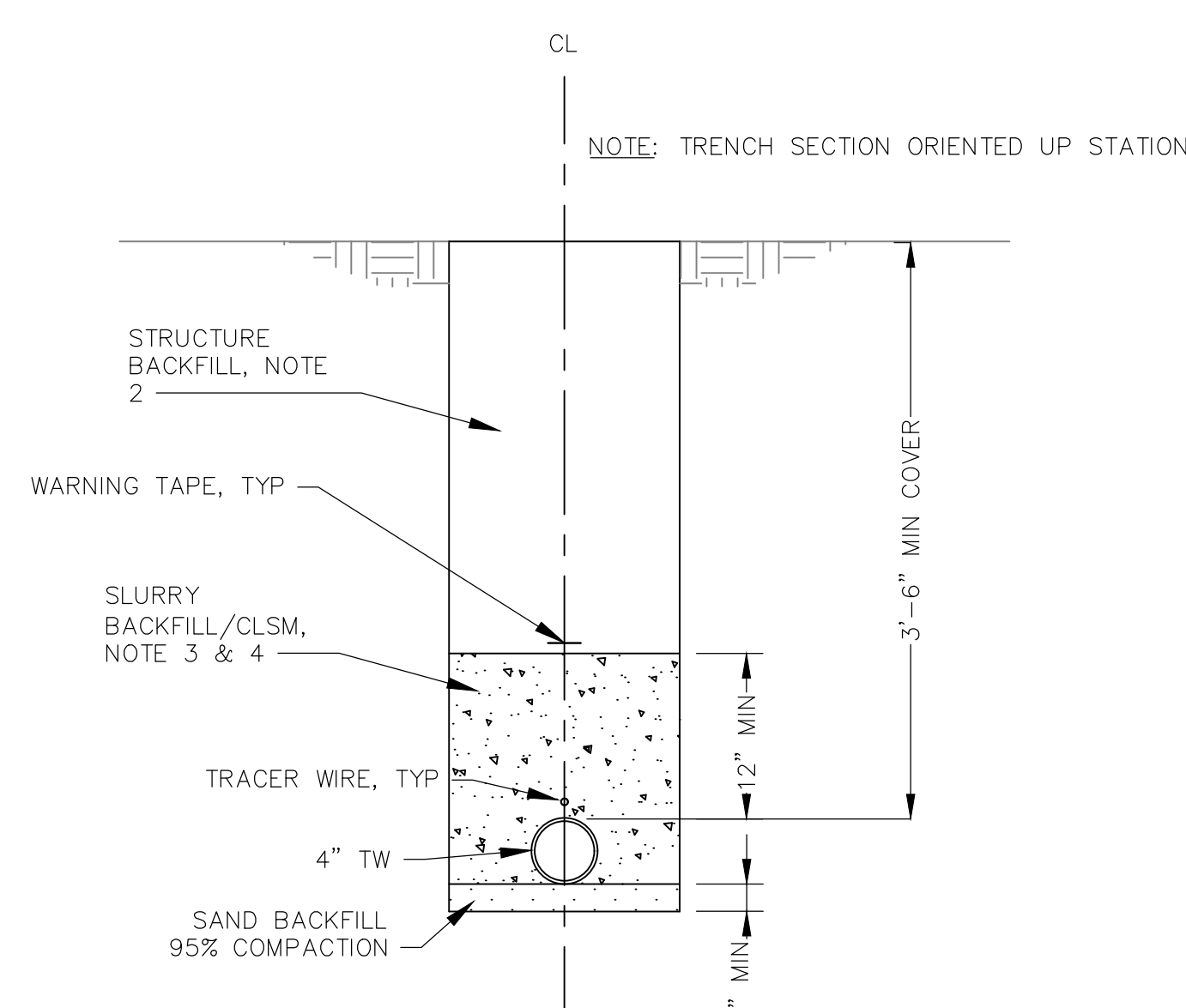
C STD TRENCH - PAVEMENT

1" = 1'-0"
 START STA 111+28.00 END STA 112+84.64 ALIGNMENT NAME WTP TO MEMORY LN ALGN SHEET C-21



D SINGLE TRENCH - PAVEMENT

1" = 1'-0"
 START STA 10+25.00 END STA 18+50.00 ALIGNMENT NAME SR-84 WEST ALGN SHEET C-24 TO C-25
 19+45.00 27+25.00 SR-84 WEST ALGN C-26 TO C-27



E SINGLE TRENCH - SOIL

- CONSTRUCTION NOTES:**
- ALL WORK MUST BE AUTHORIZED BY THE ENCROACHMENT PERMIT, AND/OR AS DIRECTED BY THE STATE'S REPRESENTATIVE.
 - STRUCTURE BACKFILL MUST CONFORM TO SECTION 19-3.02 C OF CALTRANS SPECIFICATION.
 - SLURRY CEMENT BACKFILL MUST CONFORM TO SECTION 19-3.02E OF CALTRANS STANDARD SPECIFICATIONS.
 - CLSM MUST CONFORM TO SECTION 19-3.02G OF CALTRANS STANDARD SPECIFICATIONS. WHEN CLSM IS USED, MIX DESIGN AND TEST RESULTS MUST BE SUBMITTED TO THE ENGINEER AND THE STATE'S REPRESENTATIVE. SEE APPENDIX H OF THE ENCROACHMENT PERMIT MANUAL.
 - COLD PLANED SURFACE AND OVERLAY SHALL BE TO THE NEAREST LANE LINE FOR THE ENTIRE LENGTH OF THE TRENCH/DISTURBED AREAS, AND/OR AS DIRECTED BY THE INSPECTOR.
 - HMA (HOT MIX ASPHALT) OR PCC (PORTLAND CEMENT CONCRETE) TO REPLACE PAVEMENT SECTION SHALL MATCH EXISTING PAVEMENT DEPTH, UNLESS DIRECTED OTHERWISE BY THE STATE'S REPRESENTATIVE.
 - HOT MIX ASPHALT AND TACK COAT OF ASPHALTIC EMULSION SHALL CONFORM TO SECTION 39 OF CALTRANS STANDARD SPECIFICATIONS.
 - WHEN THE TRENCH IS WITHIN 4 FT OF CURB AND GUTTER, ADDITIONAL COLD PLANING MAY BE REQUIRED AT THE DISCRETION OF THE STATE'S REPRESENTATIVE.
 - PAVEMENT MARKINGS AND STRIPING DAMAGED OR REMOVED DURING CONSTRUCTION MUST BE REPLACED IN ACCORDANCE WITH CALTRANS STANDARDS A20A, A20B, AND OTHER CALTRANS STANDARDS WHEN APPLICABLE.
 - CONTRACTOR SHALL COMPLY WITH OTHER TRENCH DETAILS SHOWN IN CHAPTER 6 OF THE ENCROACHMENT PERMITS MANUAL, AS WELL AS TRENCHING AND SHORING MANUAL.
 - TRENCH CENTERLINE OFFSET FROM PAVEMENT EDGE VARIES BY STATION NUMBER. CONTRACTOR SHALL TREAT PAVEMENT EDGE IN ACCORDANCE WITH CALTRANS STANDARD PAVEMENT EDGE TREATMENT DETAIL A/CD-3.
 - NON-ENCASED RW MAY NOT BE INSTALLED IN SAME TRENCH AS NON-ENCASED POTABLE WATER UTILITIES. PER PROJECT SPECIFIC DDW PERMIT REQUIREMENTS, RW MAY BE LOCATED WITH A MIN 3'-0" FROM PARALLEL POTABLE WATER UTILITIES.
 - SURFACE RESTORATION AND EROSION CONTROL APPLIED TO FINISHED GRADE SHALL CONSIST OF SURFACE SCARIFICATION AND APPROVED SWPPP CONTROLS.
 - CUT EX ROADWAY TO PROVIDE VERTICAL SURFACES. CUT EDGES TO BE STRAIGHT AND NEAT IN APPEARANCE. APPLY TACK COAT PRIOR TO PLACING HMA. APPLY SEAL COAT TO FINISHED SURFACES ALONG LONGITUDINAL JOINT PER SECTION 39 OF CALTRANS SPECIFICATIONS.
 - CONTRACTOR SHALL RETURN SIDE GUTTER AND SHOULDER TO PRE-CONSTRUCTION CONDITIONS OR BETTER AND PROVIDE PROPER DRAINAGE TO THE SATISFACTION OF INSPECTOR.
 - CONTRACTOR SHALL REPLACE DAMAGED OR REMOVED SIGNS DURING CONSTRUCTION TO MATCH PRE-CONSTRUCTION CONDITIONS OR BETTER AND IN ACCORDANCE WITH CALTRANS STANDARDS.
 - IF RAW WATER PIPE IS NOT CONSTRUCTED, UTILIZE T-TRENCH AS DIMENSIONED.
 - ON TRENCHES THAT PARALLEL THE ROAD ARE WITHIN EXISTING BICYCLE LANES, THE WIDTH OF THE STRUCTURAL SECTION SHALL BE GREATER THAN OR EQUAL TO THE WIDTH OF THE EXISTING BICYCLE LANE, WHICHEVER IS WIDER. PAVING JOINTS WITHIN BICYCLE LANES ARE NOT ALLOWED.

LEGEND:

 For applicable bedding requirements, See Std Plans A62D, A62DA or A62F

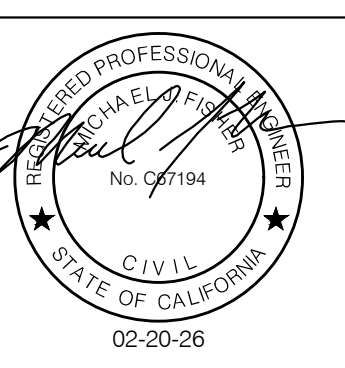
- NOTES:**
- Concrete cap may be Rapid Strength Concrete (RSC) if RSC is used, replace the Slurry Cement or CLSM Backfill with Lean Concrete Backfill or RSC depending upon the project's constraints.
 - For new installations, minimum depth of cover requirements are to follow guidelines in the Encroachment Permits Manual or Highway Design Manual. When cover over a replacement pipe/encasement pipe is less than 24", a Special Design is necessary (for in-house projects, refer to HQ Drainage Detail Library).
 - Tack Coat (Asphaltic Emulsion) shall be applied prior to placing HMA(A).
 - All trench work subject to state regulations and inspection.
 - All materials, workmanship, testing, and inspections shall comply with Caltrans Standard Specifications and project-specific Special Provisions.
 - Use of this detail is applicable if high groundwater conditions do not exist within the trench.

ABBREVIATIONS:
 CD = Clear Distance
 HMA(A) = Hot Mix Asphalt Type A
 OD = Outside Diameter of Utility or Culvert
 CLSM = Controlled Low-Strength Material

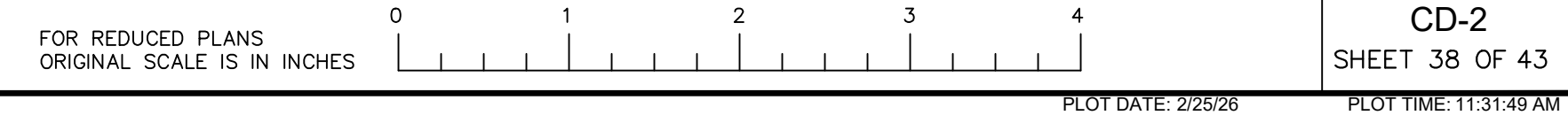
F TYPICAL CALTRANS PAVING

NTS

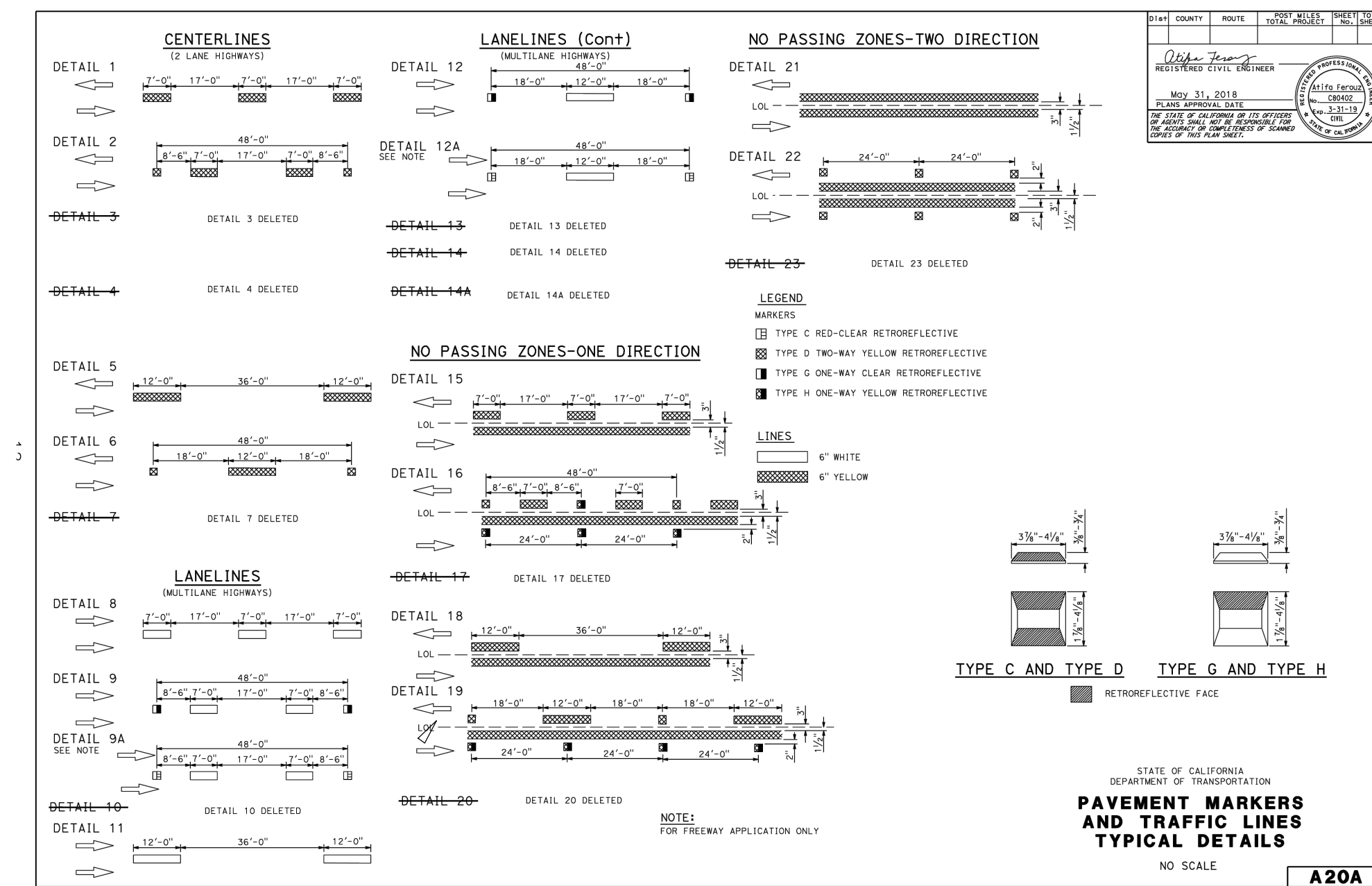
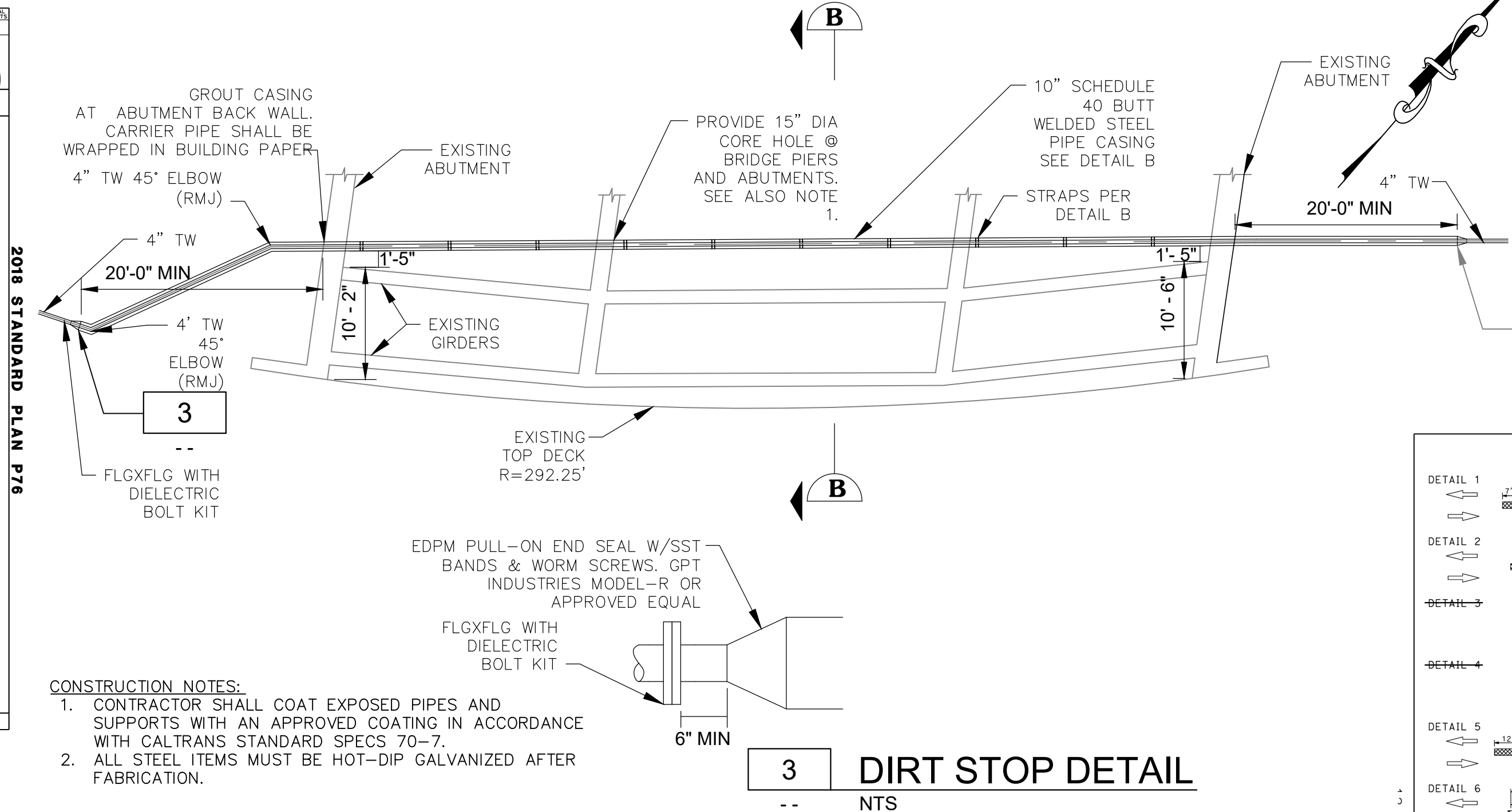
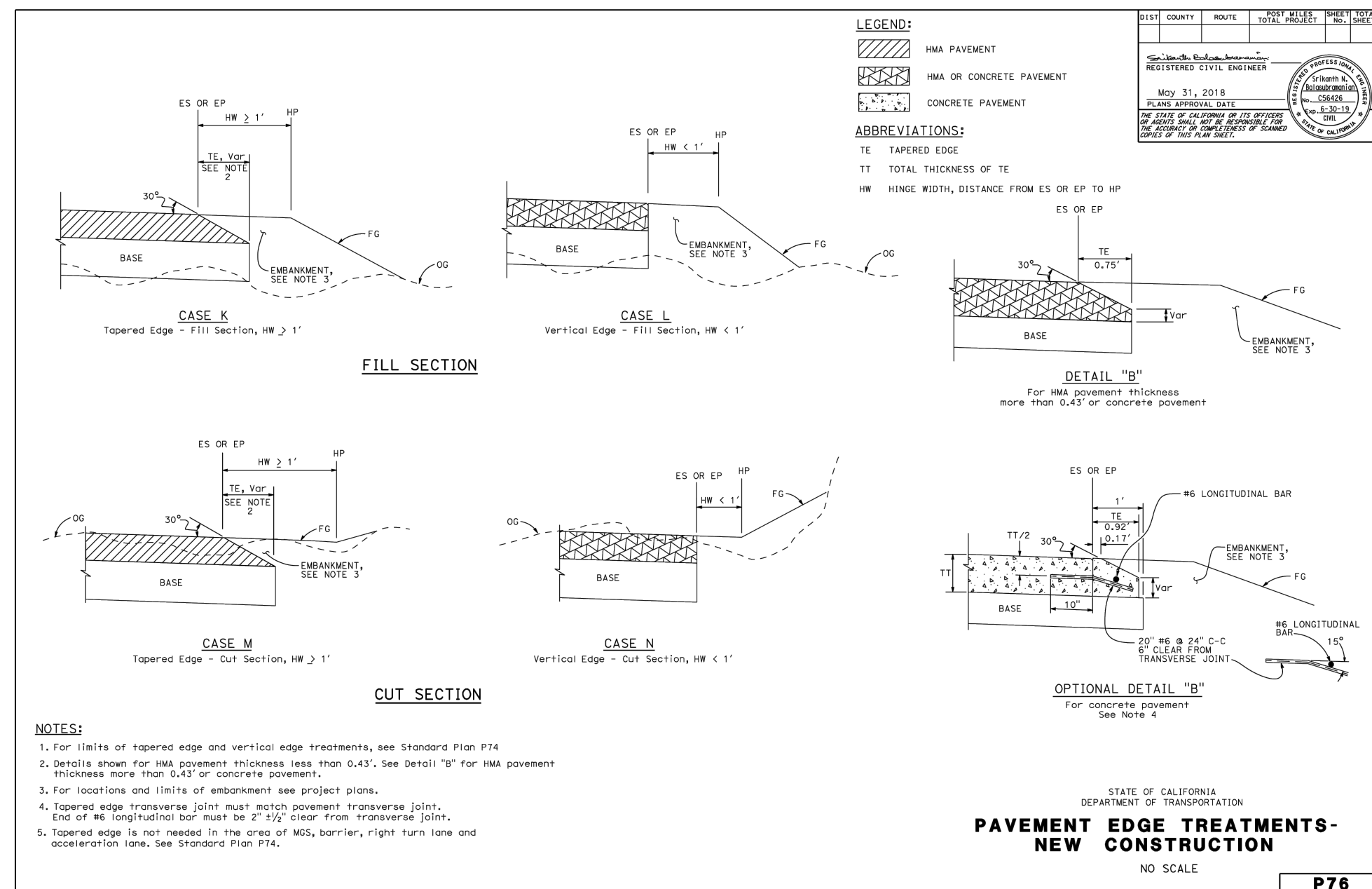
APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



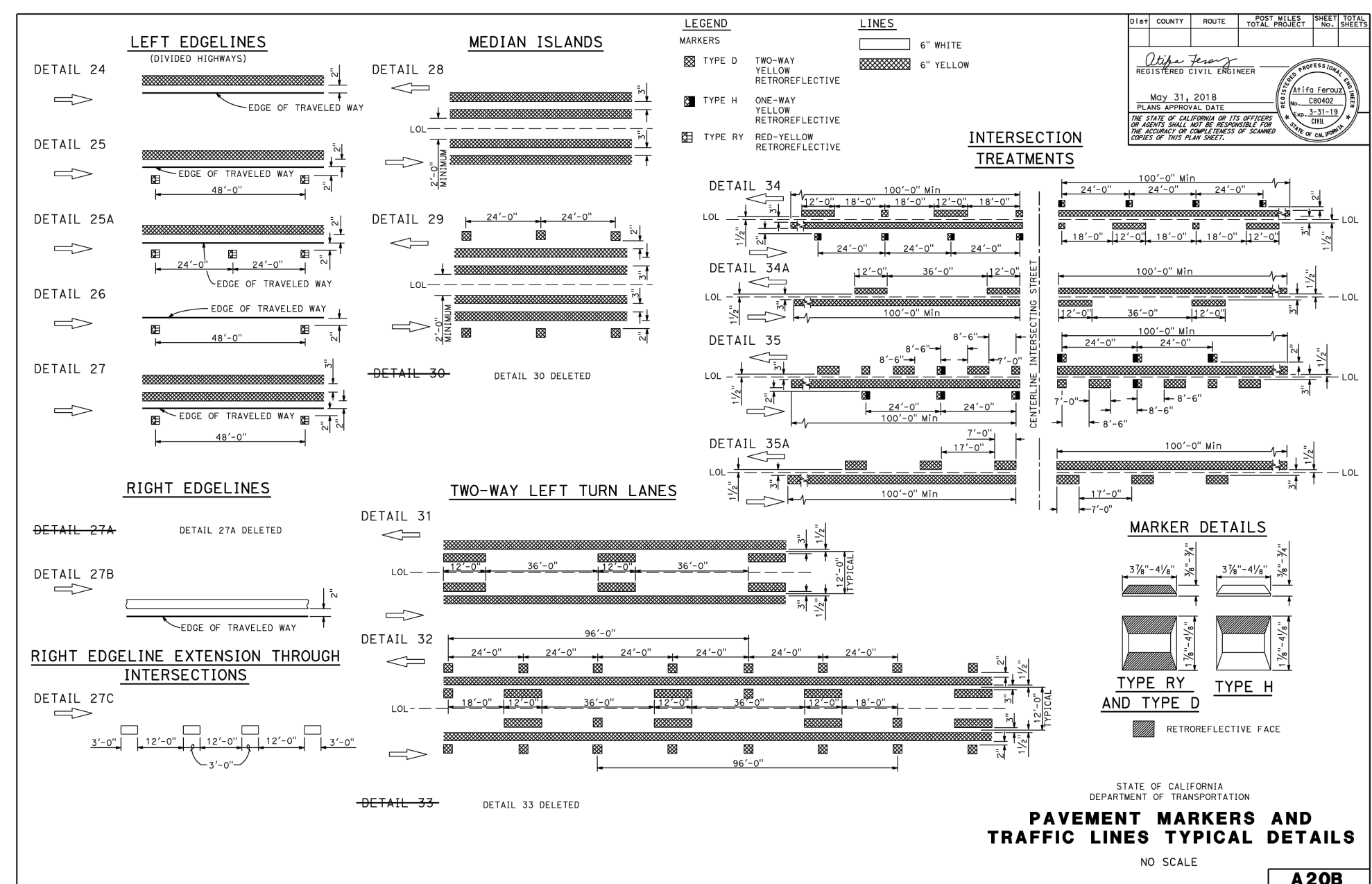
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|---|--------------------------------|------------------|
| DESIGNED BY: P. WEBSTER | CIVIL DETAILS | SCALE: N/A |
| CHECKED BY: M. KARBAKSHI | CALTRANS ROW | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | DETAILS | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | CD-2 |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | SHEET 38 OF 43 |



FILENAME: L:\CAD\PROJECTS\18-065 SAN MATEO ON-CALL\51\CSA7 WATERLINE DELIVERABLES\E76279132.DWG (CD-2)

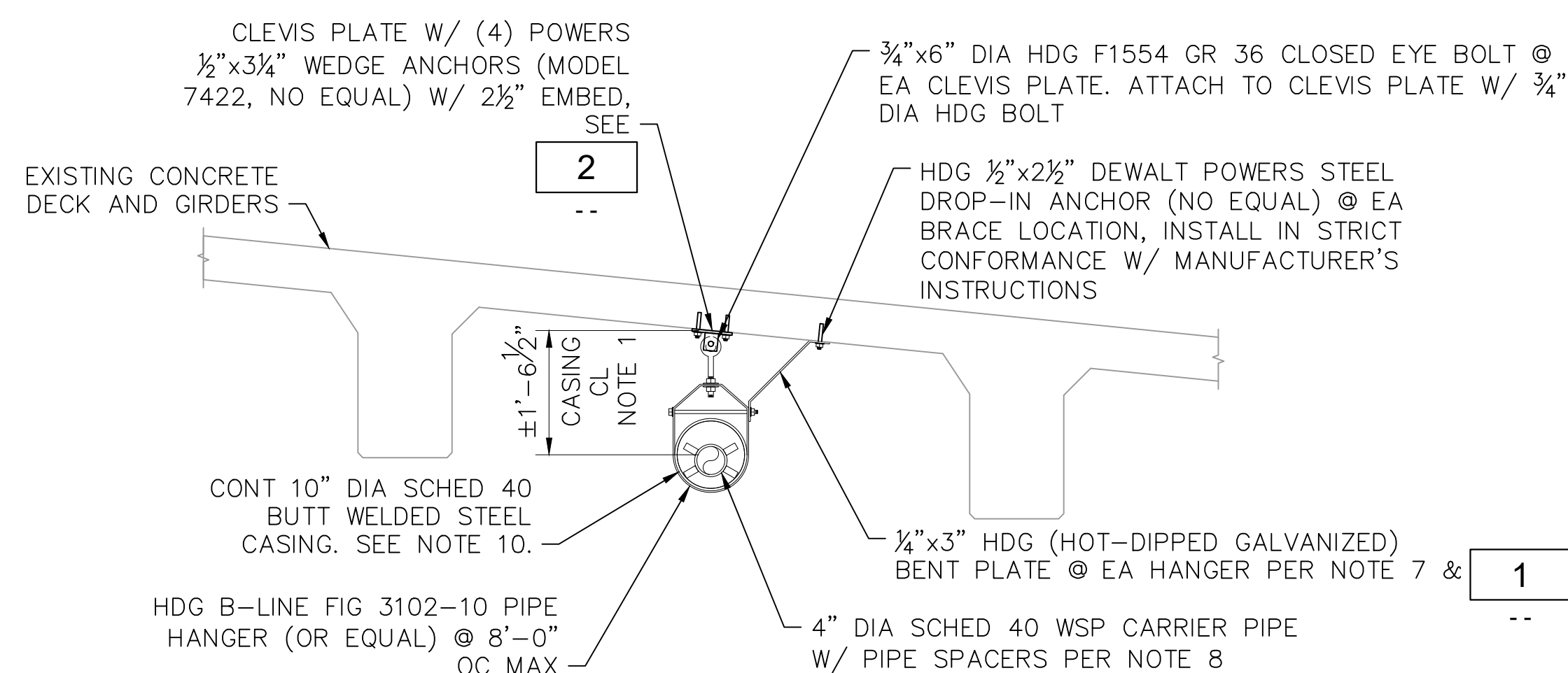


D CALTRANS MARKERS AND LINES DETAILS - A20A
NTS



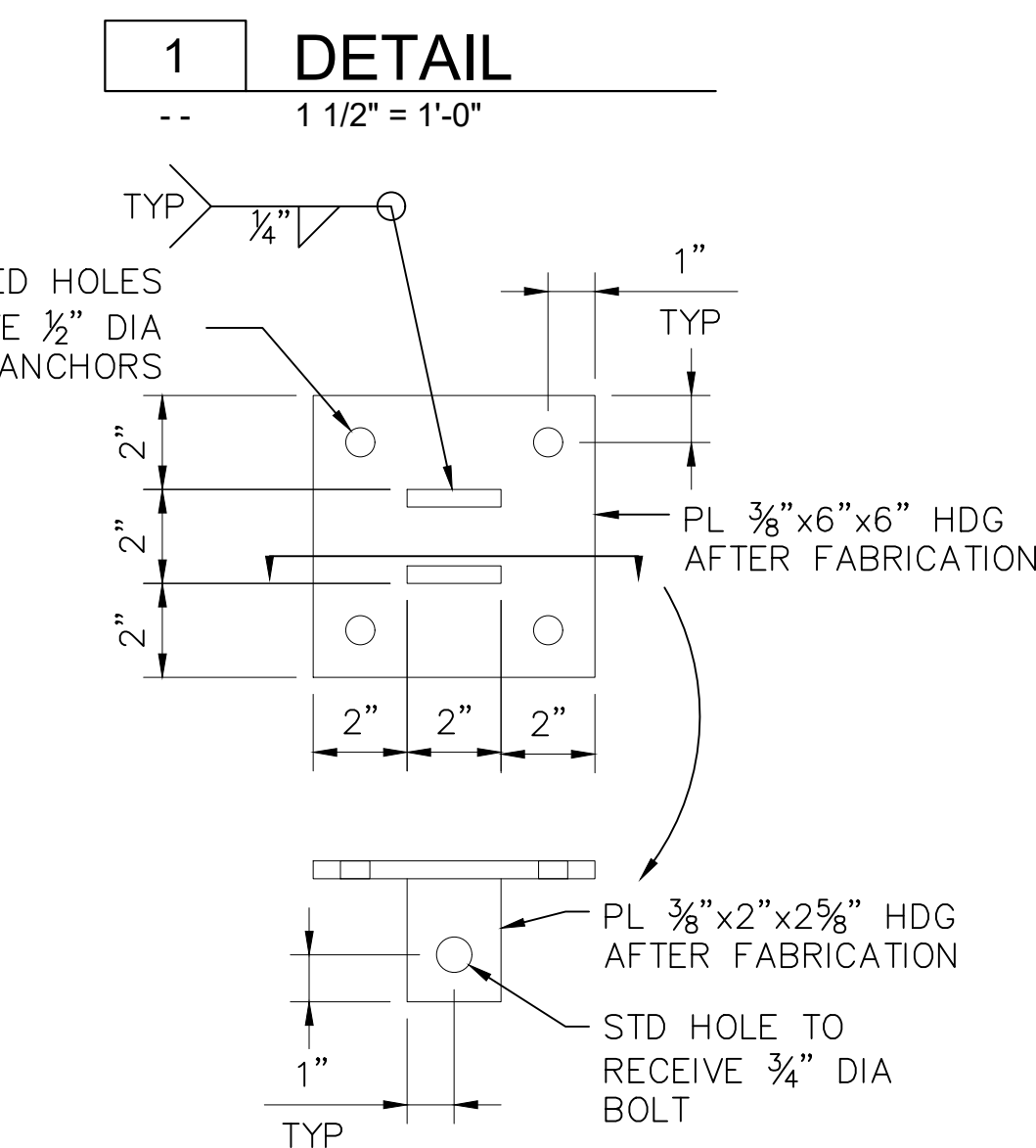
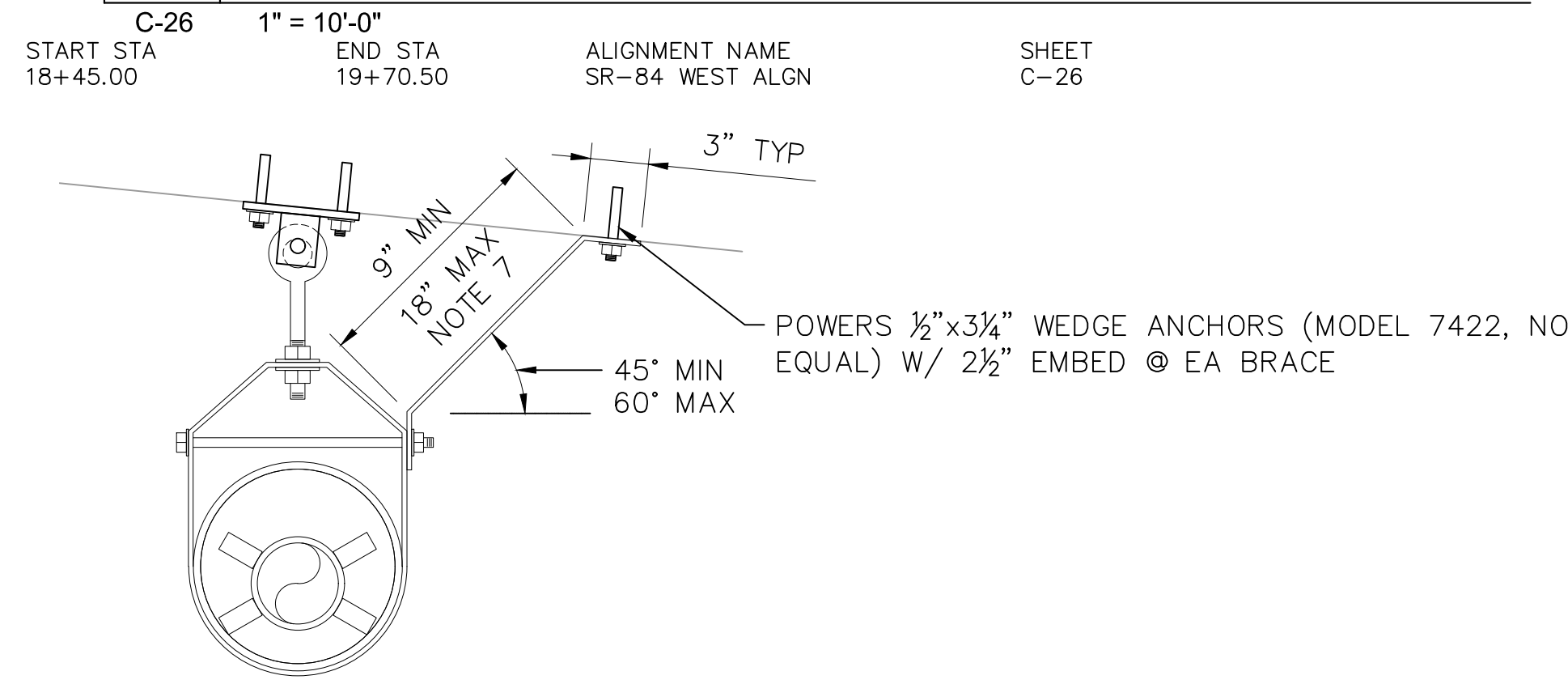
E CALTRANS MARKERS AND LINES DETAILS - A20B
NTS

A CALTRANS PAVEMENT EDGE TREATMENT - P76
NTS



- NOTES:**
- HANGER DEPTH DEPENDENT ON CORE DRILL LOCATION THROUGH PIERS. PROVIDE 15" MAX DIA CORE DRILL @ PIERS AND LOCATE IN ORDER TO DISTURB THE LEAST AMOUNT OF PIER REINFORCEMENT. LOCATE PIER REINFORCEMENT BY NON-DESTRUCTIVE MEANS PRIOR TO CORING. ANY REBAR EXPOSED DURING CORING SHALL BE COATED WITH ZINC RICH PAINT. PROVIDE AN ADDITIONAL LAYER OF SIKADUR-32 HI MOD (OR EQUAL) EPOXY COATING ON ALL STEEL AND CONCRETE SURFACES EXPOSED BY CORING.
 - ANCHORAGE DEVICES MUST BE A COMPLETE SYSTEM, INCLUDING THREADED STUDS, HEX NUTS, AND CUT WASHERS.
 - BRIDGE DECK REINFORCEMENT MUST BE LOCATED BY NON-DESTRUCTIVE MEANS BEFORE INSTALLING HOLES FOR THE ANCHORS.
 - ROTARY DRILLS ARE TO BE USED, NO IMPACT DRILLS OR CORING.
 - IF REINFORCEMENT IS ENCOUNTERED DURING THE INSTALLATION PROCESS, THE ANCHOR HOLE MUST BE ABANDONED, PATCHED, AND NEW HOLES INSTALLED.
 - CONTINUOUS SPECIAL INSPECTION IS REQUIRED PER 2019 CALIFORNIA BUILDING CODE TABLE 1705.3
 - FIELD VERIFY REQUIRED BRACE LENGTH. PROVIDE STD HOLE FOR BOLTS @ DROP-IN ANCHOR LOCATIONS & LONG SLOTTED HOLES @ HANGER BOLT LOCATIONS. CENTER HOLES ON BRACE ENDS AND PROVIDE 3/4" MIN EDGE DISTANCE FROM CENTER OF HOLES TO ENDS PLATE. BRACES MAY BE FIELD FABRICATED SO LONG AS BENT ANGLES ARE SHARP AND RESULT IN FLUSH MATING SURFACES WITH THE BRIDGE SOFFIT AND PIPE HANGER. CUT ENDS OF THE BENT PLATE SHALL BE COATED IN ZINC RICH PAINT.
 - LOCATE PIPE INSULATORS WITHIN 18" BELL ENDS, WITHIN 12" OF ABUTMENT WALLS, AND 6'-6" OC MAX.
 - CONTRACTOR TO CONTROL ALL FUGITIVE DUST FROM CORING OPERATIONS AND COLLECT AND DISPOSE OF ALL CUTTINGS IN ACCORDANCE WITH REGULATIONS.
 - CASING SHALL BE IN ACCORDANCE WITH CALTRANS STANDARD SPEC 70-7. WELDING SHALL CONFORM TO AWS D1.1.
 - CASING MATERIAL SHALL CONFORM TO CALTRANS STANDARD SPEC 70-3.

C PLAN BRIDGE DETAIL - CALTRANS BRIDGE 35-0167
NTS



2 CLEVIS PLATE DETAIL
3" = 1'-0"

B BRIDGE SUPPORT - CALTRANS BRIDGE 35-0167
NTS

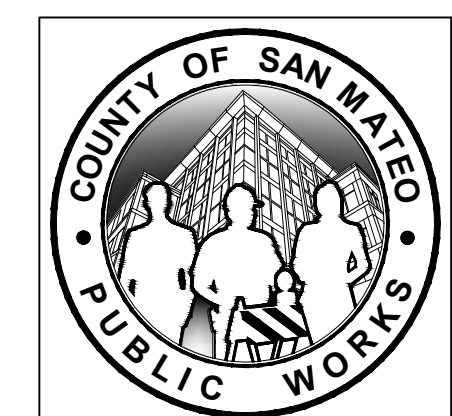
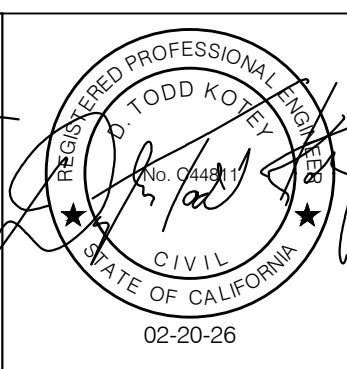
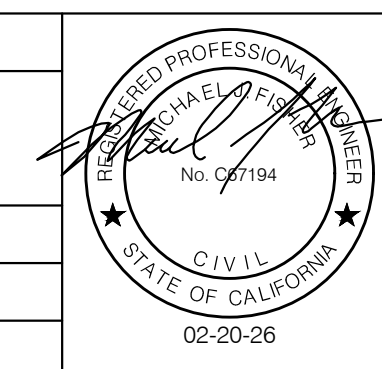
APPROVED DATE: FEBRUARY 20, 2026

SIGNATURE *Michael J. Fisher*

MICHAEL J. FISHER

WATERWORKS ENGINEERS

R.C.E. # 67194 / EXPIRES 09-30-2026

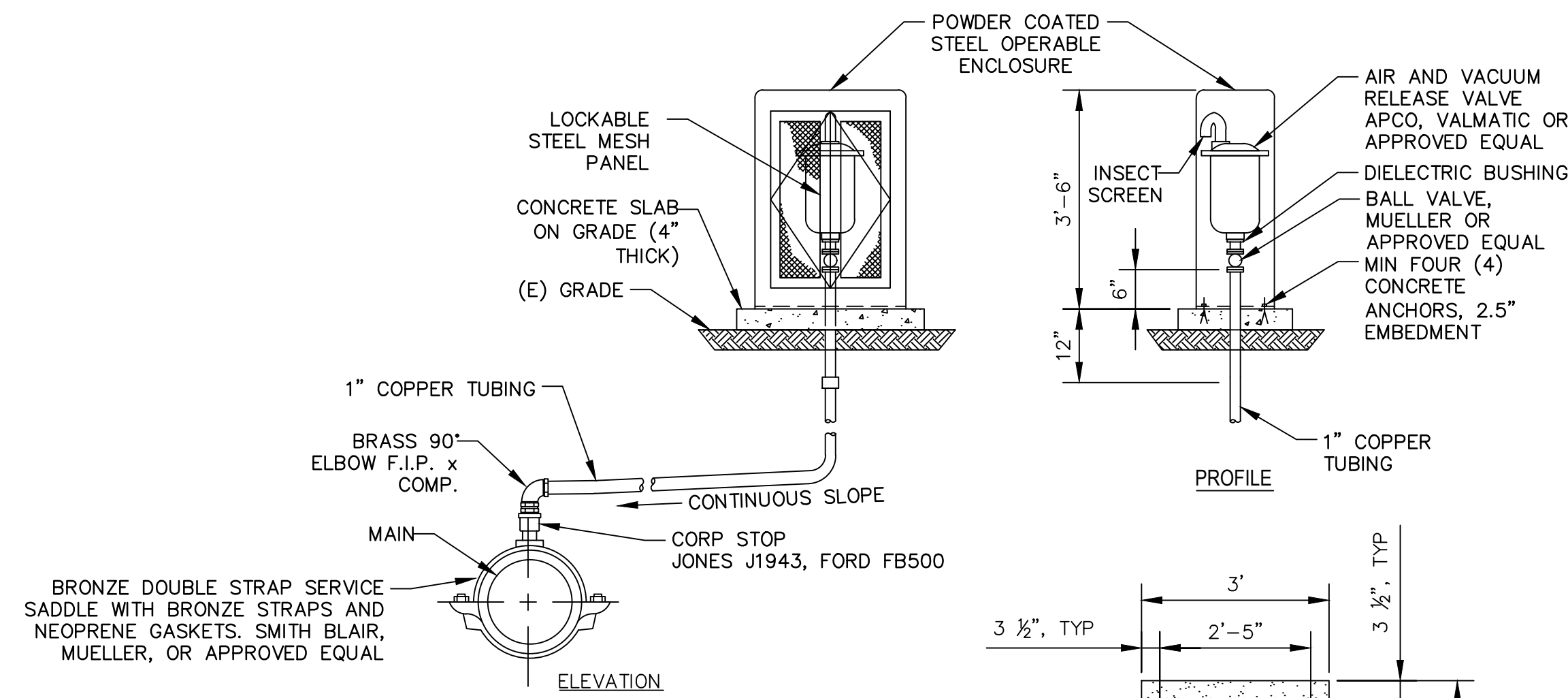


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| DESIGNED BY: P. WEBSTER | CIVIL DETAILS | SCALE: N/A |
| CHECKED BY: M. KARBAKSHI | CALTRANS ROW | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | DETAILS | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS SAN MATEO COUNTY | | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 |
| REVISION | DATE | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | |
| 0 1 2 3 4 | | |
| | | CD-3 |
| | | SHEET 39 OF 43 |

FILENAME: L:\ROAD\PROJECTS\18-065 SAN MATEO ON-CALL\181\CSA7 WATERLINE DELIVERABLES\E76279133.DWG (CD-3)

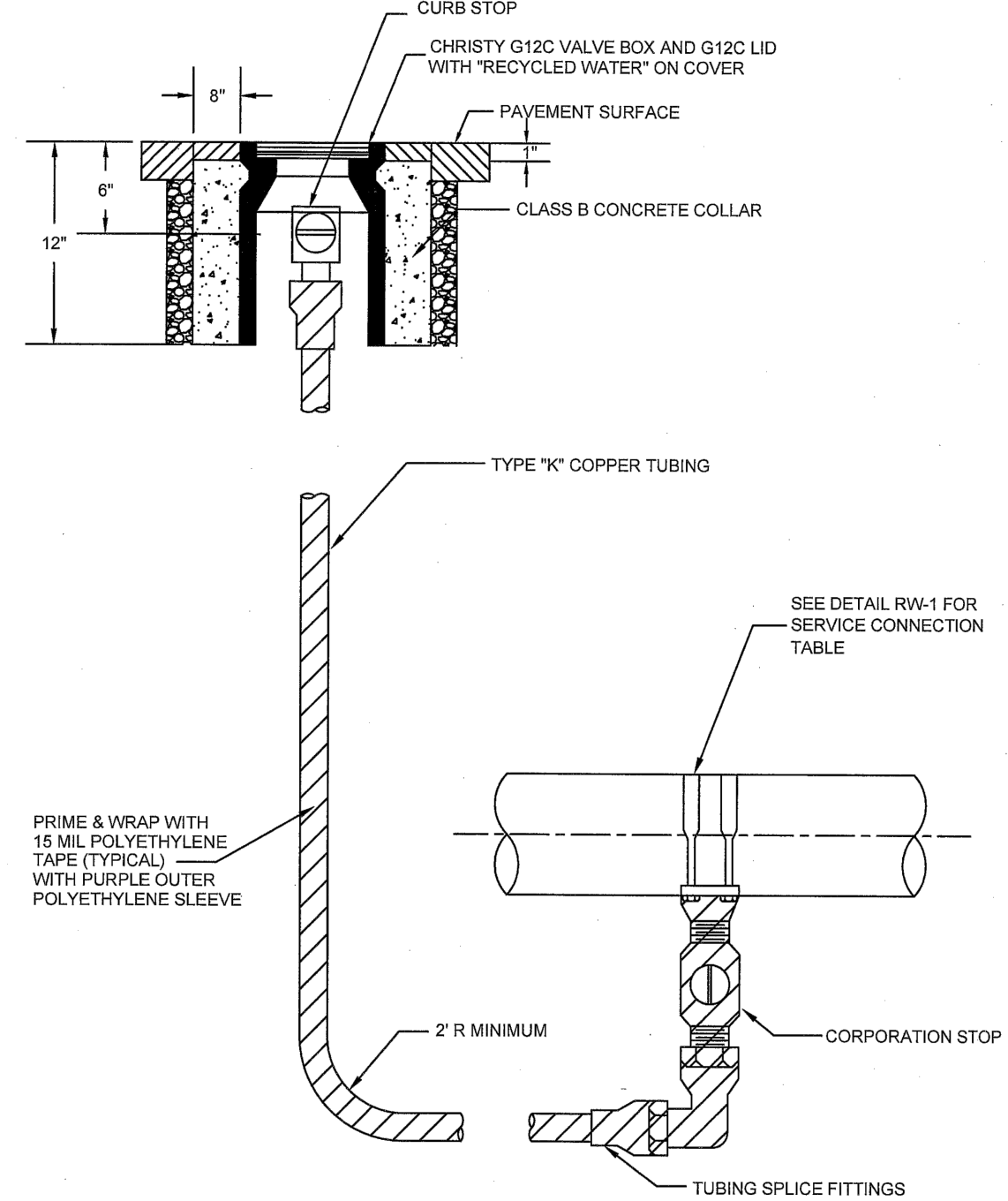


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 DATE: FEBRUARY 20, 2026
 ANN MADER STILLMAN,
 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882

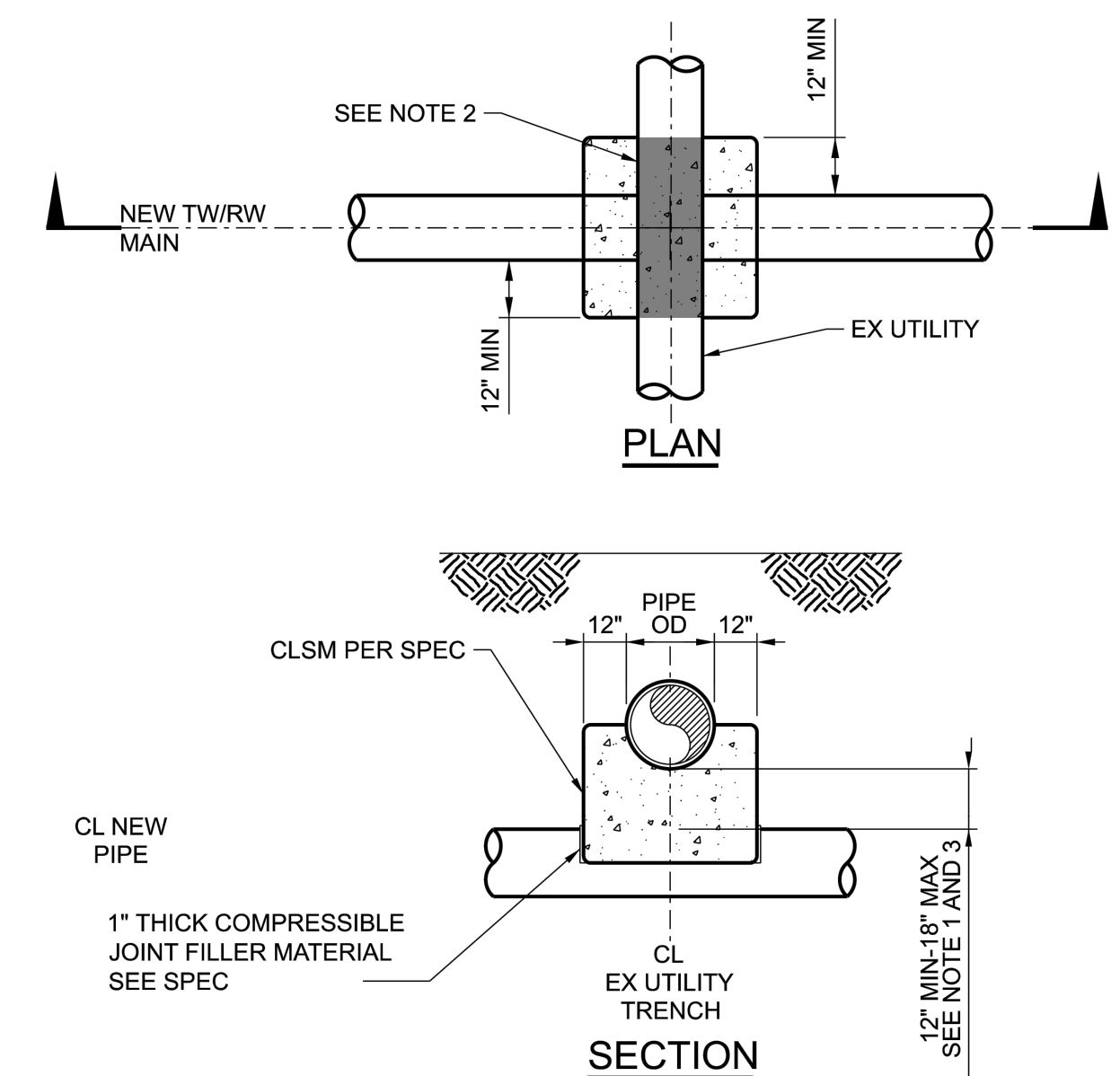


- NOTES:**
1. CONTRACTOR TO INSTALL SADDLE TAP AT HIGH POINT IN PIPELINE AND FIELD VERIFY AIR VALVE LOCATION.
 2. ADJUST SIZES OF ALL PIPING, FITTINGS, APPURTENANCES, AND SADDLE TO MATCH AIR VALVE SIZE PER PLAN.
 3. ENCLOSURE DIMENSIONS MAY VARY FROM PLAN BASED ON MANUFACTURER. PROVIDE SUFFICIENT INTERIOR CLEARANCE BETWEEN VALVE AND ENCLOSURE.

COMBINATION AIR RELEASE AND VACCUM VALVE
 W-2



INLINE 2" BLOWOFF VALVE
 W-7A

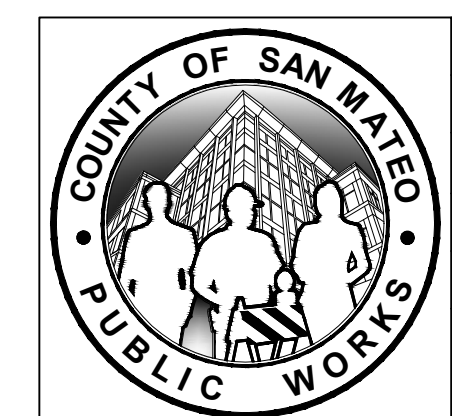
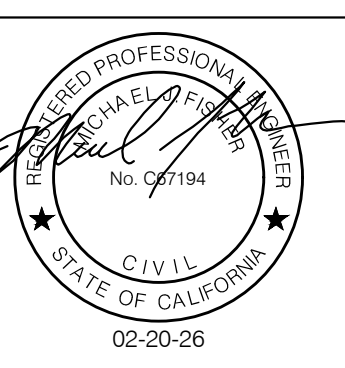


- NOTES:**
1. WHERE VERTICAL CLEARANCE IS LESS THAN 18", UTILIZE CLSM BACKFILL AS SHOWN.
 2. CONTRACTOR TO INSTALL JOINT FILLER MATERIAL AROUND PIPES PRIOR TO PIRING CLSM.
 3. WHERE VERTICAL CLEARANCE IS LESS THAN 12", CONTACT COUNTY REP FOR AUTHORIZATION TO UTILIZE THIS DETAIL.

UTILITY CROSSING
 WW-15

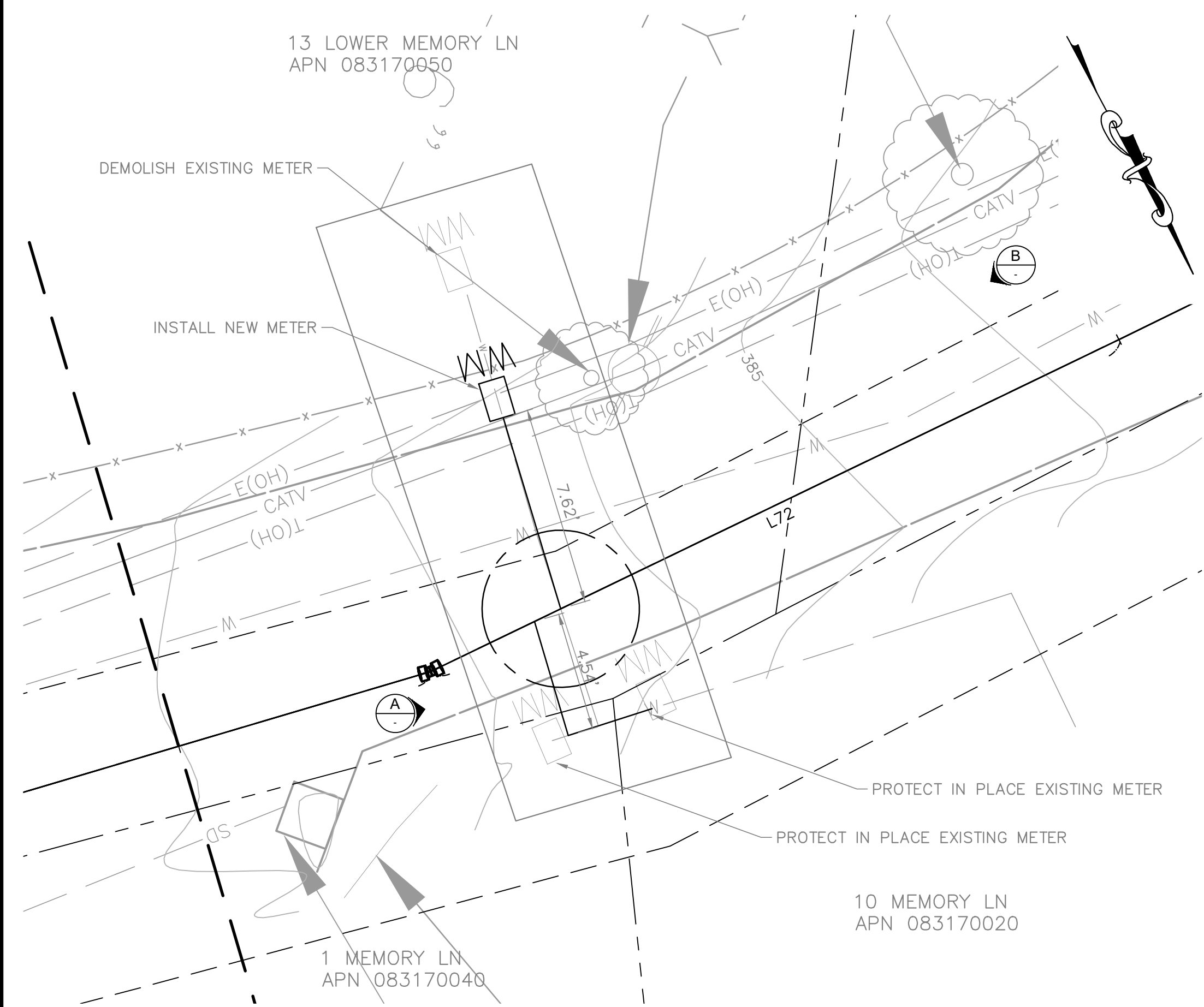
NOTES:
 1. SEE COUNTY OF SAN MATEO STANDARD DETAILS IN APPENDIX I OF SPECIFICATIONS.

APPROVED DATE: FEBRUARY 20, 2026
 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026

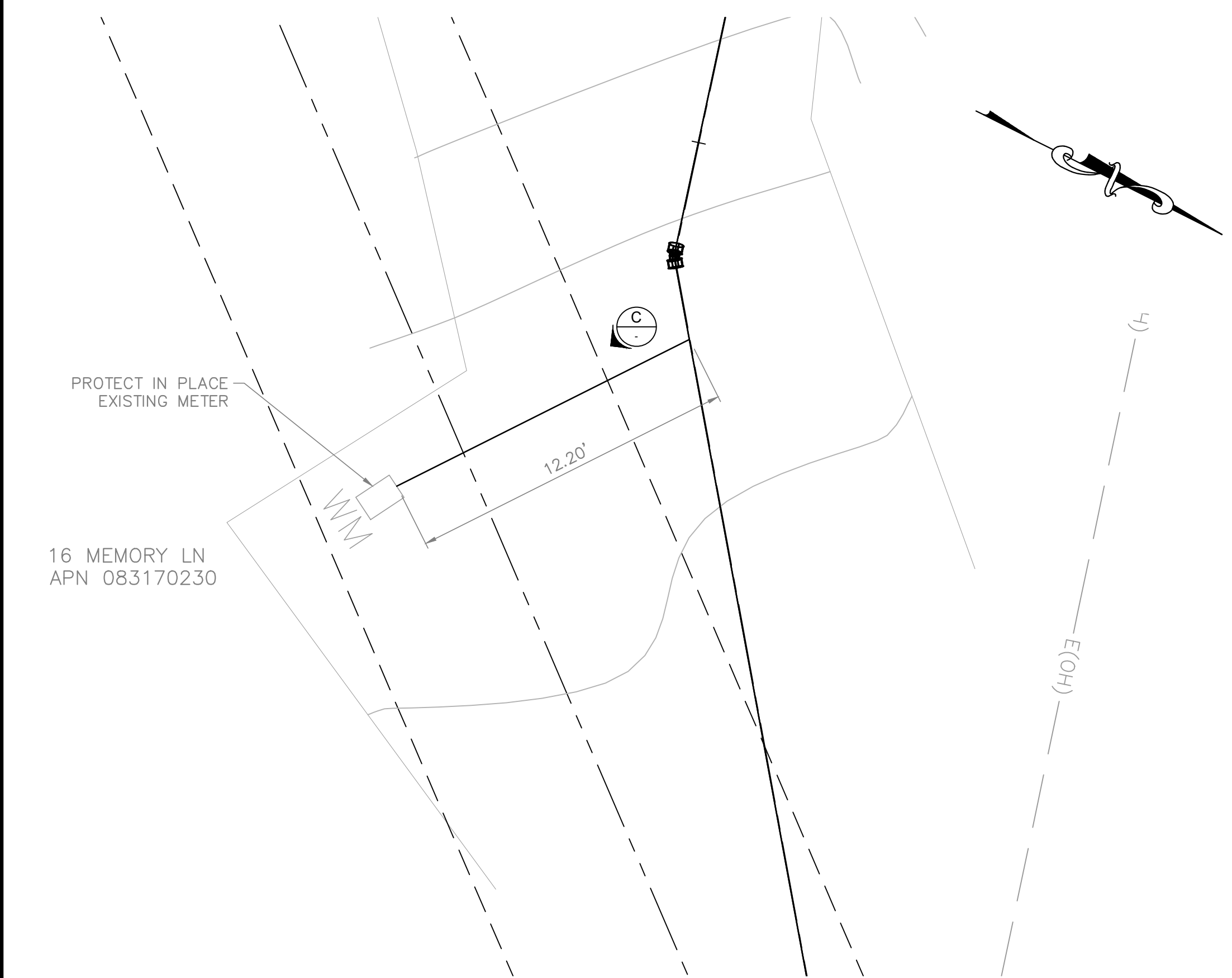


| | | |
|---|--------------------------------|------------------------|
| DESIGNED BY: P. WEBSTER | CIVIL DETAILS | SCALE: N/A |
| CHECKED BY: M. KARBAKHSH | SAN MATEO COUNTY | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | DETAILS | FILE NO.: 1/5032 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | 555 COUNTY CENTER, 5th FLOOR | CD-4 SHEET 40 OF 43 |
| SAN MATEO COUNTY | REDWOOD CITY, CALIFORNIA 94063 | |
| REVISION | DATE | |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 |

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1 1 AND 10 MEMORY LN 13 LOWER MEMORY LN CONNECTIONS
NTS



2 16 MEMORY LN CONNECTIONS
NTS



A PHOTO
NTS

NOTES FOR 1 AND 10 MEMORY LN
1. CONTRACTOR SHALL MAKE TIE INTO EXISTING LATERAL LINE PRIOR TO TOE OF ROCK RETAINING WALL.
2. CONTRACTOR SHALL PROTECT IN PLACE ROCK RETAINING WALL, EXISTING BACKFLOW PREVENTOR AND EXISTING METERS FOR 1 MEMORY LN AND 10 MEMORY LN.



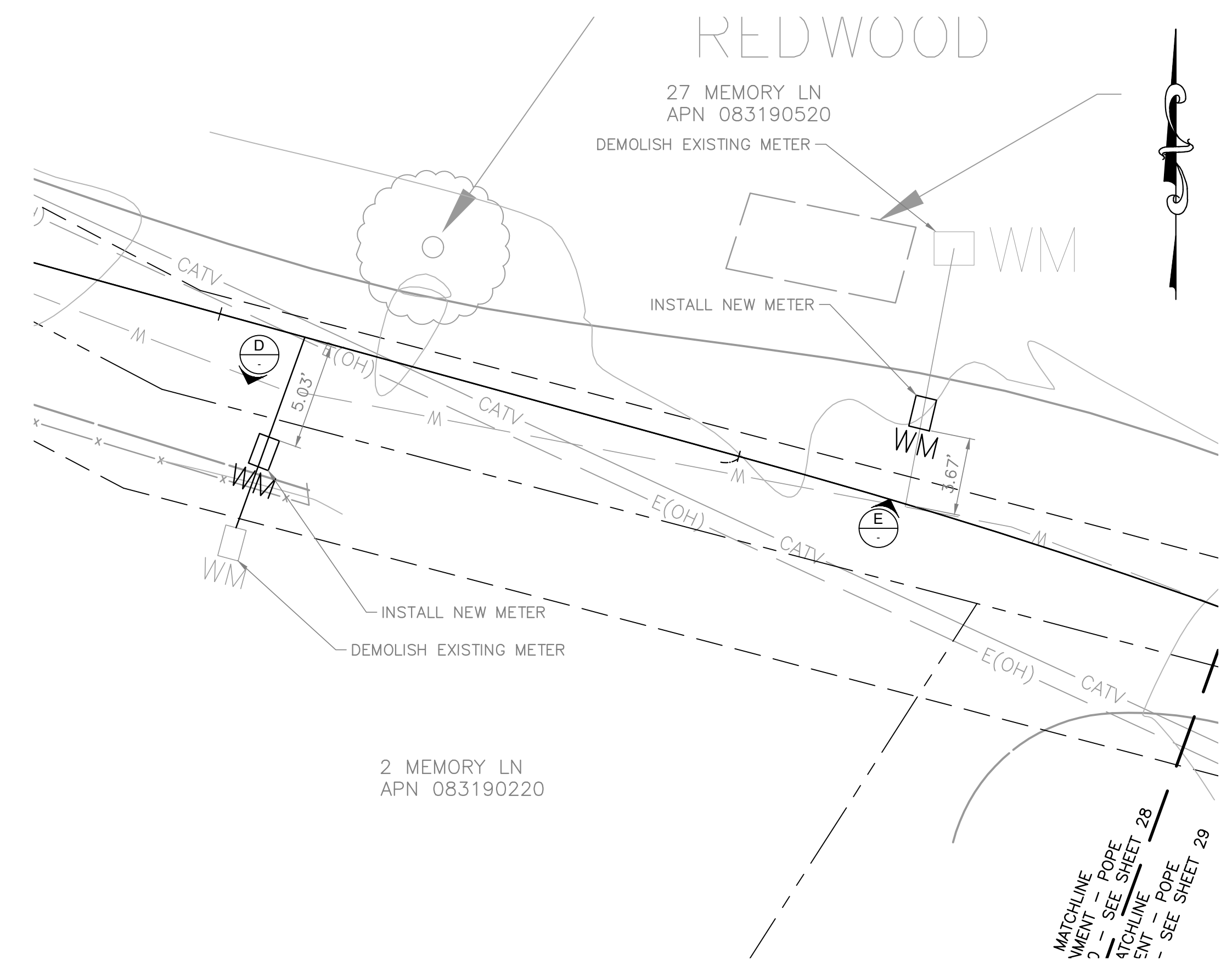
B PHOTO
NTS

NOTES FOR 13 LOWER MEMORY LN PARCEL 083170050
1. CONTRACTOR SHALL INSTALL NEW METER OUTSIDE OF FENCE ALONG MEMORY LN AND TIE INTO EXISTING LATERAL LINE.
2. EXISTING METER SHALL BE REMOVED FROM PRIVATE PROPERTY.

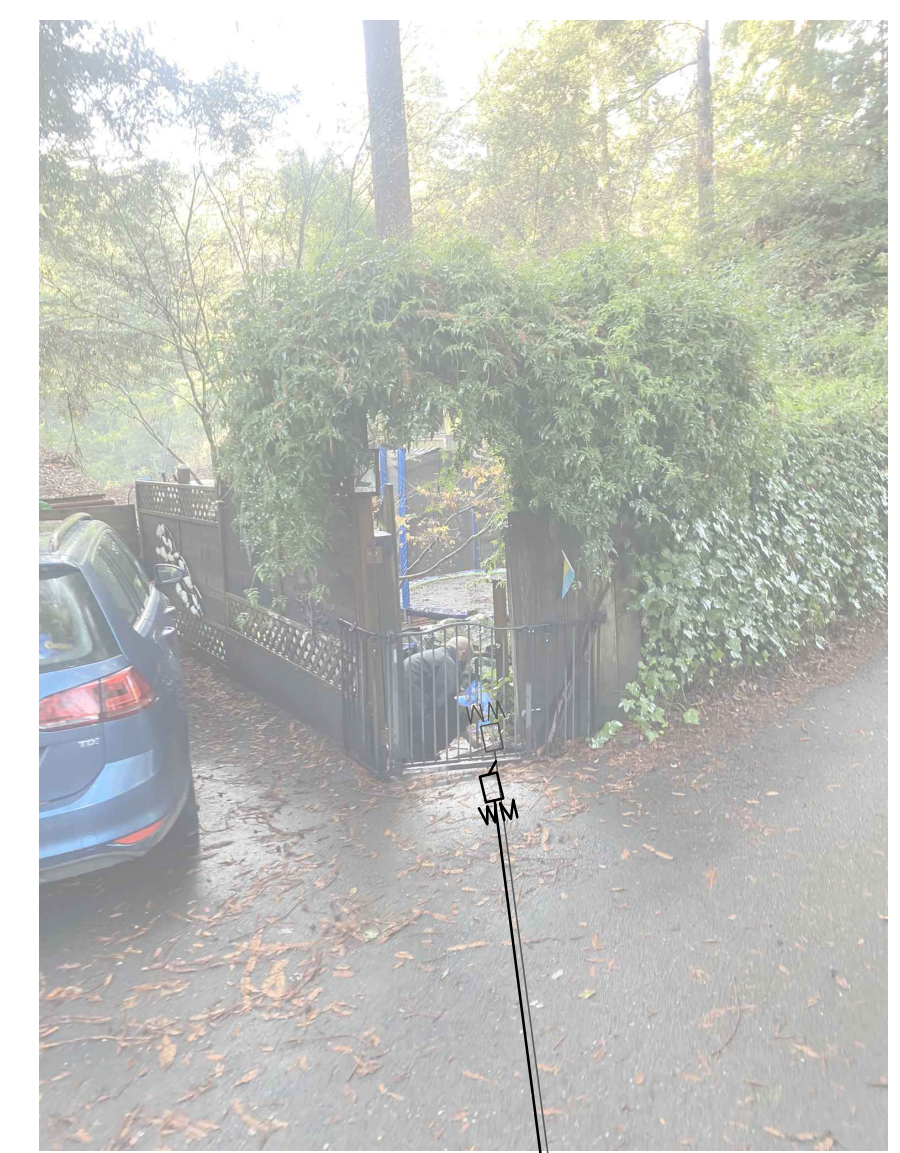


C PHOTO
NTS

NOTES FOR 16 MEMORY LN PARCEL 083170230
1. CONTRACTOR RECONNECT TO EXISTING METER AT FRONTAGE OF PROPERTY.
2. EXISTING HIGH CURB/RETAINING WALL AND PLANTER AREA SHALL BE RESTORED TO CONDITION PRIOR TO CONSTRUCTION.



3 16 MEMORY LN CONNECTIONS
NTS



D PHOTO
NTS

NOTES FOR 2 POPE RD PARCEL 083190220
1. CONTRACTOR TO INSTALL NEW METER OUTSIDE OF FENCE. PER W-1 AND TIE INTO EXISTING METER LOCATION.
2. EXISTING ROCK STEP TO BE RESTORED TO CONDITION PRIOR TO CONSTRUCTION.



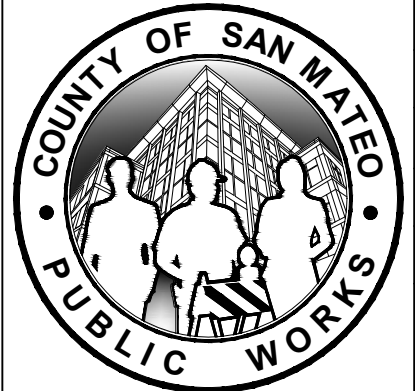
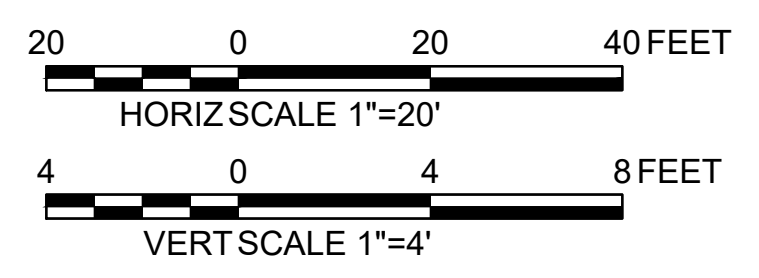
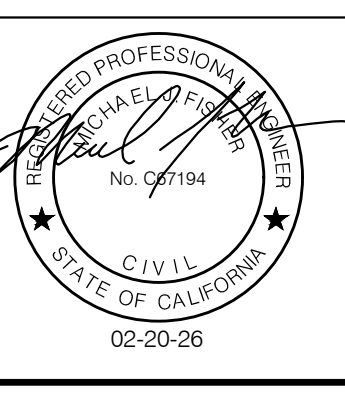
E PHOTO
NTS

NOTES FOR 27 POPE RD PARCEL 083190520
1. CONTRACTOR TO INSTALL NEW METER OUTSIDE OF FENCE. PER W-1 AND TIE INTO EXISTING METER LOCATION.
2. EXISTING ROCK STEP TO BE RESTORED TO CONDITION PRIOR TO CONSTRUCTION.



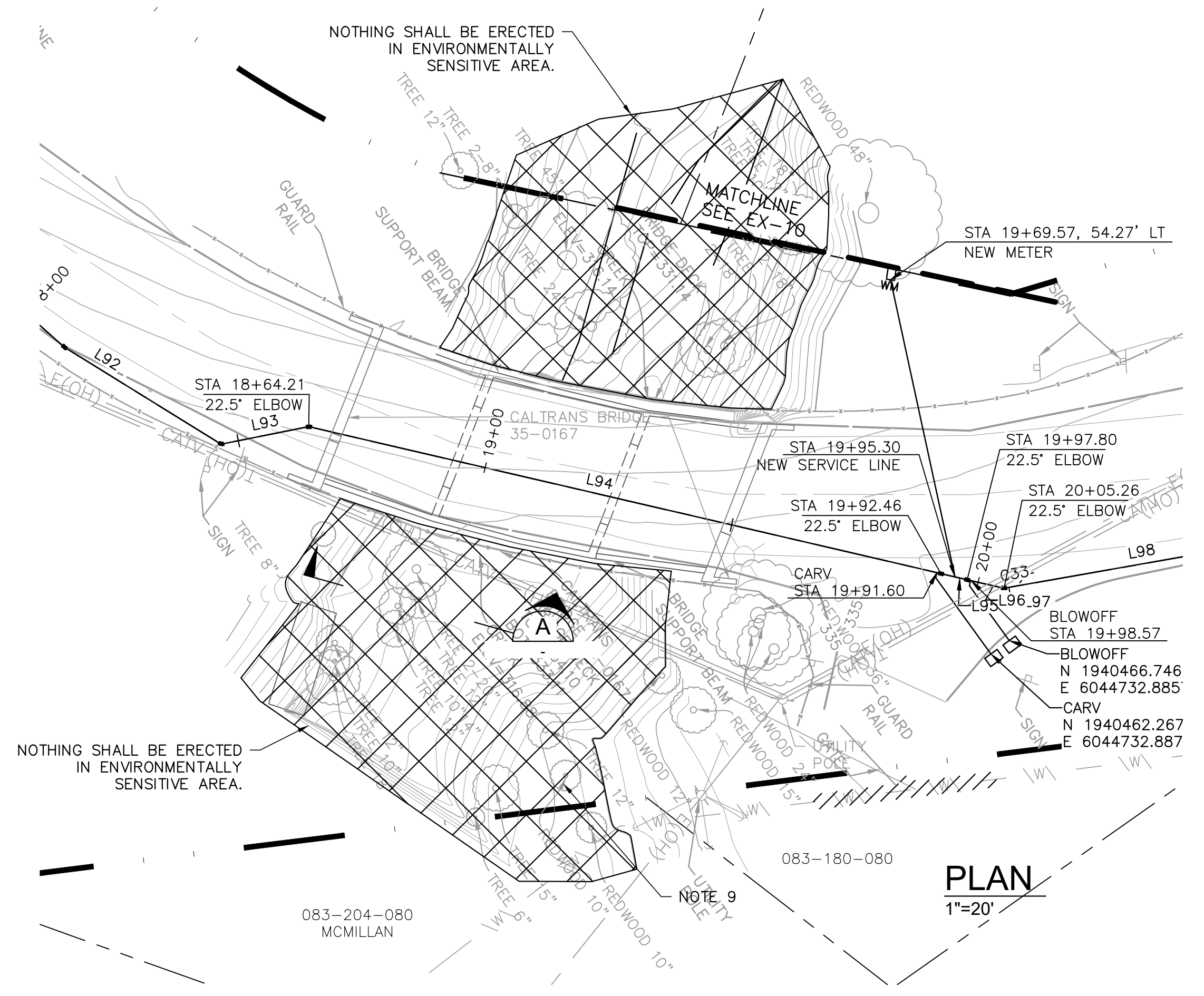
APPROVED:
DATE: FEBRUARY 20, 2026
Ann Mader Stillman
ANN MADER STILLMAN,
DIRECTOR OF PUBLIC WORKS
R. C. E. # 47882

APPROVED DATE: FEBRUARY 20, 2026
SIGNATURE: *Michael J. Fisher*
MICHAEL J. FISHER
WATERWORKS ENGINEERS
R.C.E. # 67194 / EXPIRES 09-30-2026



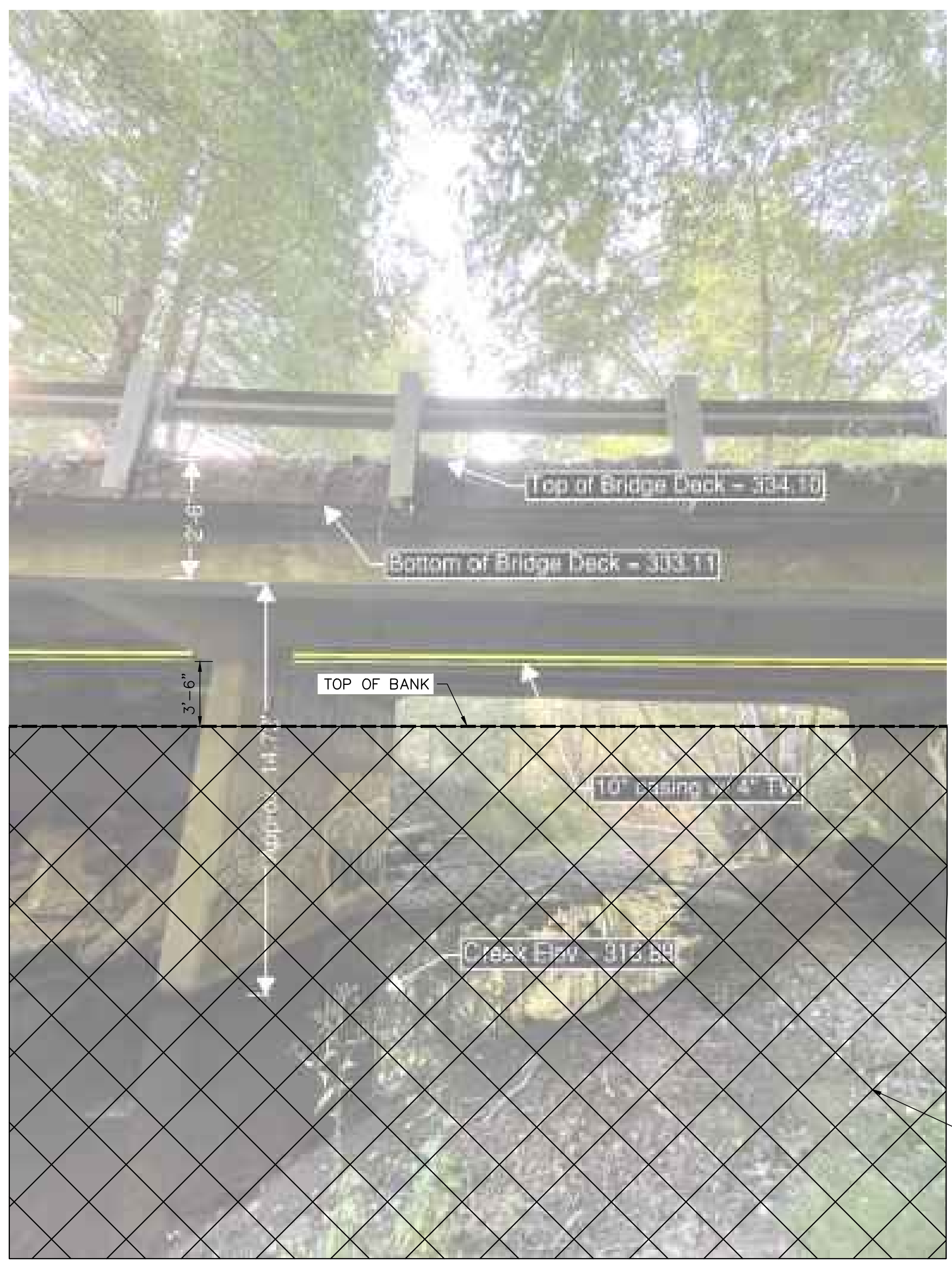
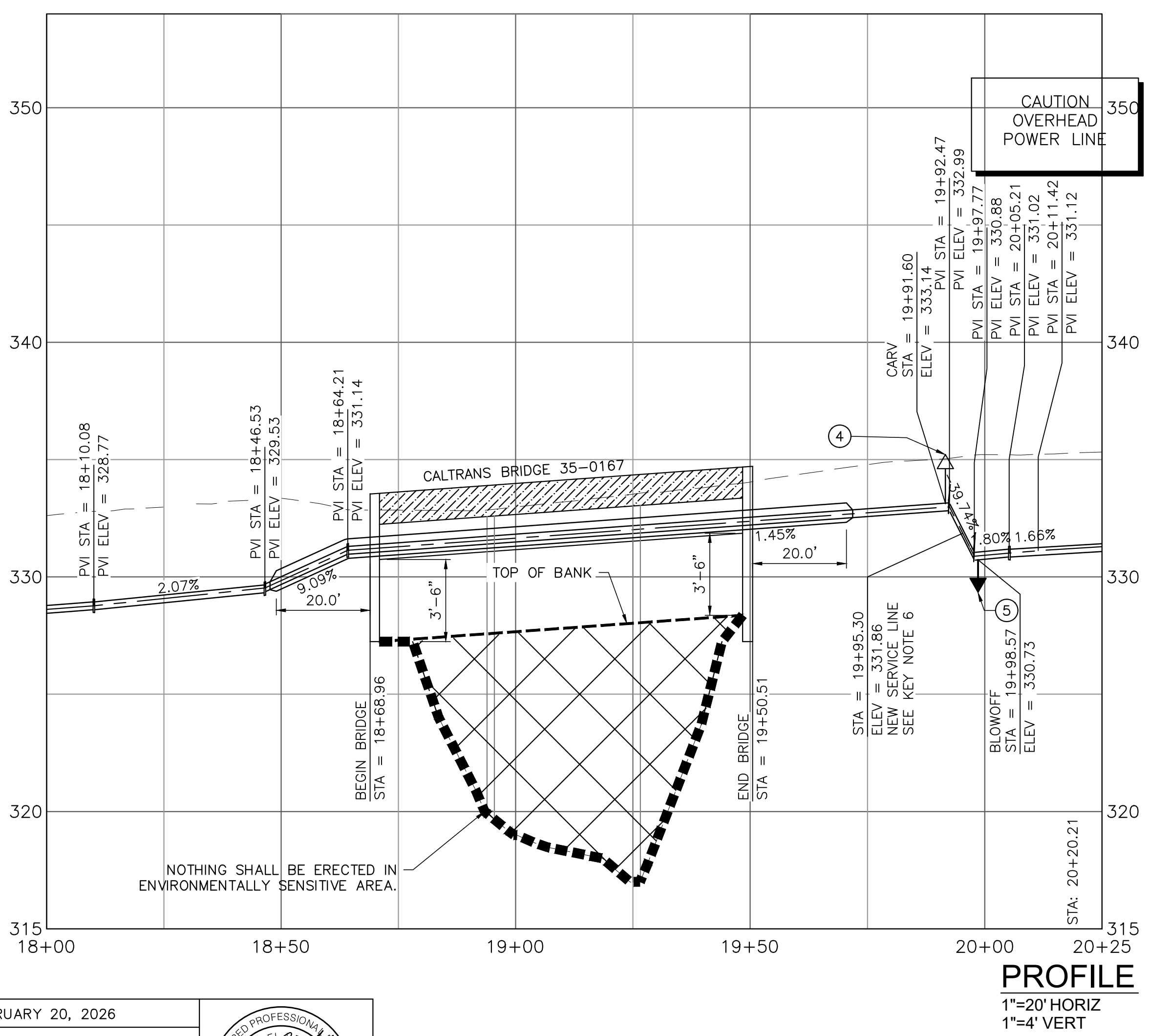
| | | | | |
|---|--|--------------------------------|--|------------------|
| DESIGNED BY: P. WEBSTER | | CIVIL DETAILS | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSHI | | DRAWN BY: A. CORREA | | DATE: FEB 2026 |
| ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS | | 555 COUNTY CENTER, 5th FLOOR | | FILE NO.: 1/5032 |
| SAN MATEO COUNTY | | REDWOOD CITY, CALIFORNIA 94063 | | CD-5 |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | 0 1 2 3 4 | | SHEET 41 OF 43 |

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- SHEET NOTES:**
1. CONTRACTOR TO EXECUTE WORK UNDER THE BRIDGE WHILE STAYING OUT OF THE CREEK BED AND ABOVE THE "ORDINARY HIGH-WATER MARK" (OHWM).
 2. ANY SCAFFOLDING SHALL BE ERECTED OUTSIDE OF THE ENVIRONMENTALLY SENSITIVE AREA AND SPAN THE ENTIRE WIDTH OF THE CREEK, WITH NO INTERMEDIATE, UNDERSIDE SUPPORTS.
 3. WORK SHALL BE DONE DURING DRY SEASON WHEN FLOWS IN THE CREEK ARE LOW.
 4. SEE SPECIFICATIONS SECTION 100-49 FOR ADDITIONAL CONSTRAINTS.

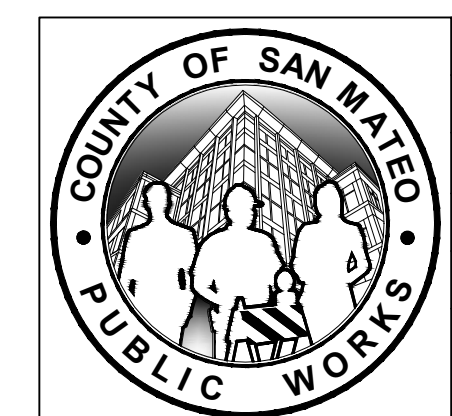
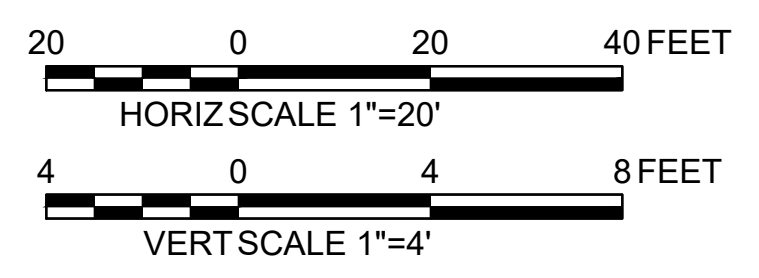
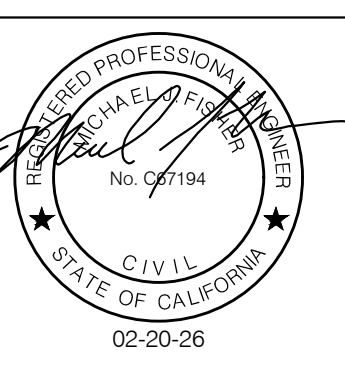
APPROVED: _____
 DATE: FEBRUARY 20, 2026
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 R. C. E. # 47882



A SECTION
NTS

NOTHING SHALL BE ERECTED IN ENVIRONMENTALLY SENSITIVE AREA.

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 SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



| | | | | |
|---|------|---|--|------------------------|
| DESIGNED BY: P. WEBSTER | | DETAIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKHSI | | SR-84 WEST ALIGNMENT CAL TRANS | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | CAL TRANS BRIDGE 35-0167 | | FILE NO.: 1/5032 |
| REVISION | DATE | ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS SAN MATEO COUNTY | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 | CD-6 SHEET 42 OF 43 |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | | | |

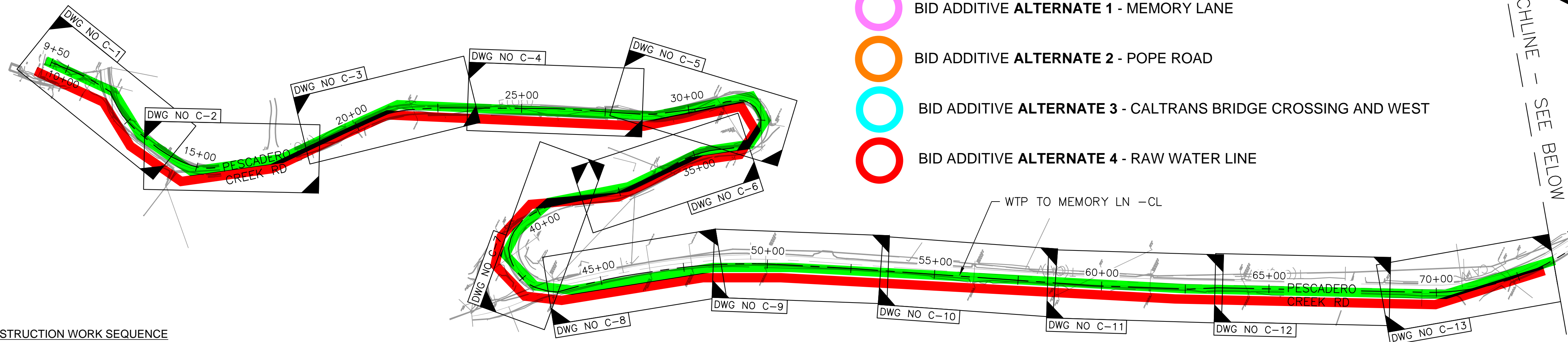
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LEGEND

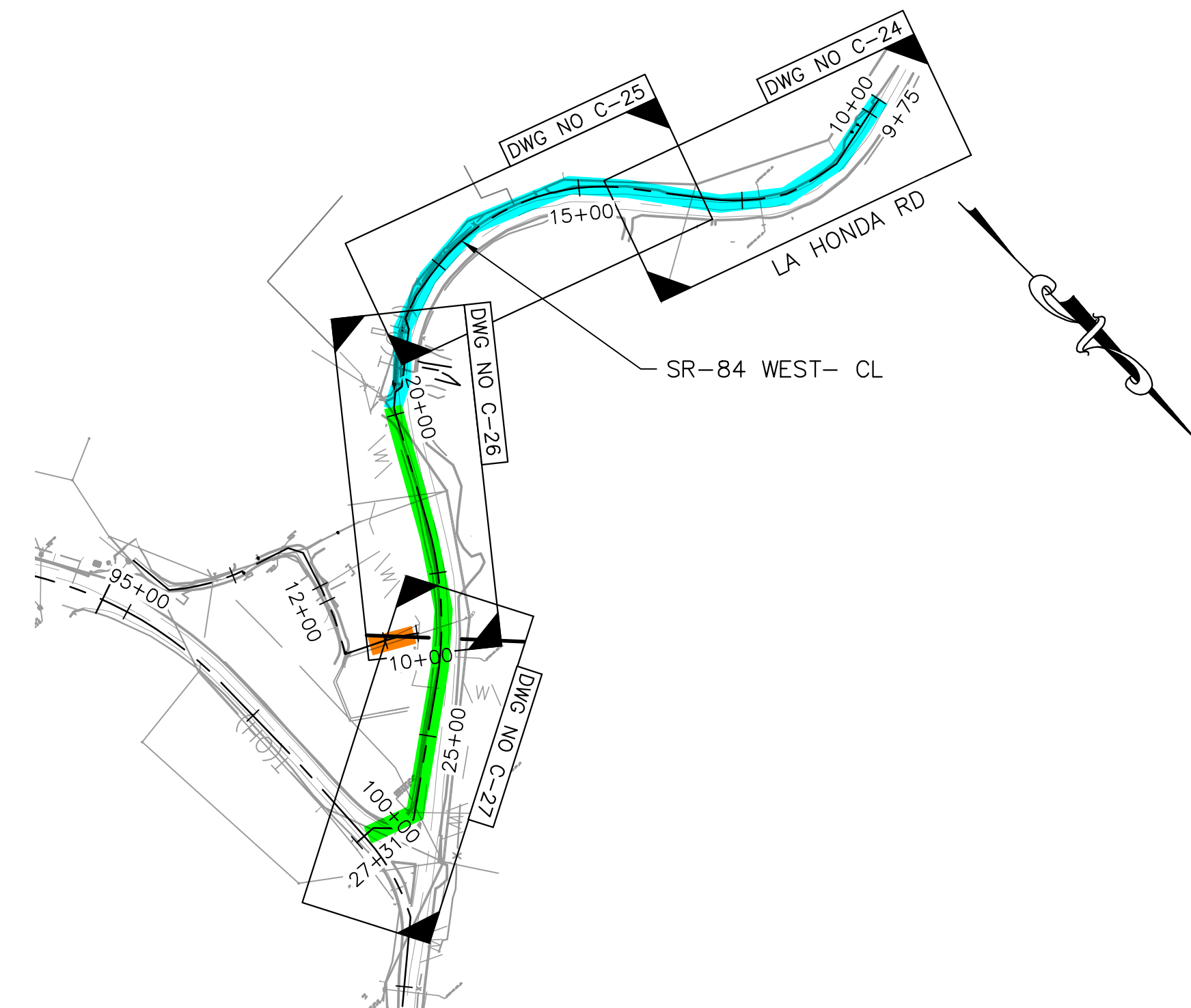
- BASE BID - TREATED WATER DISTRIBUTION LINE
- BID ADDITIVE ALTERNATE 1 - MEMORY LANE
- BID ADDITIVE ALTERNATE 2 - POPE ROAD
- BID ADDITIVE ALTERNATE 3 - CALTRANS BRIDGE CROSSING AND WEST
- BID ADDITIVE ALTERNATE 4 - RAW WATER LINE



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 DATE: FEBRUARY 20, 2026
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 DIRECTOR OF PUBLIC WORKS
 R. C. E. # 47882



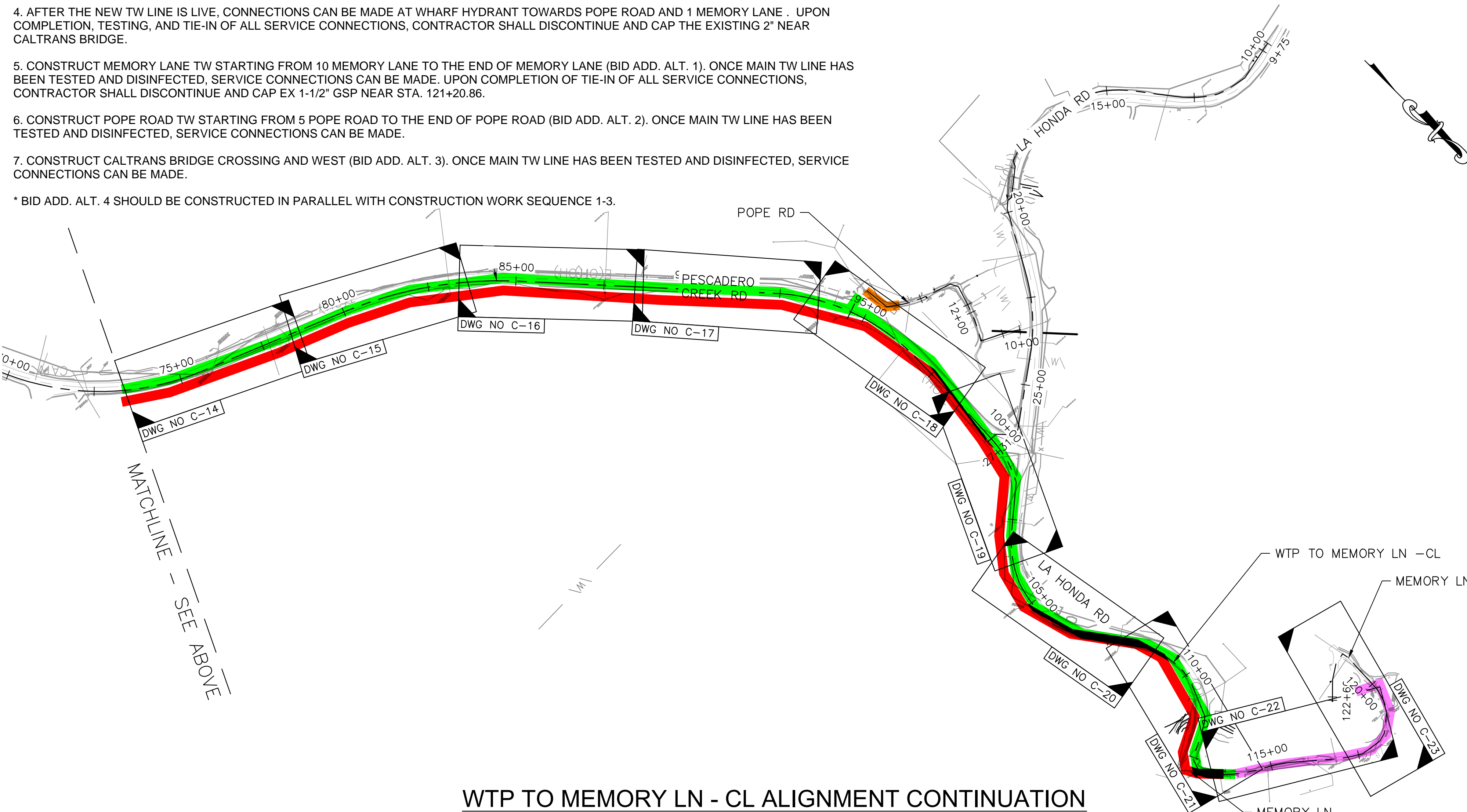
WTP TO MEMORY LN - CL ALIGNMENT
 1"=200'



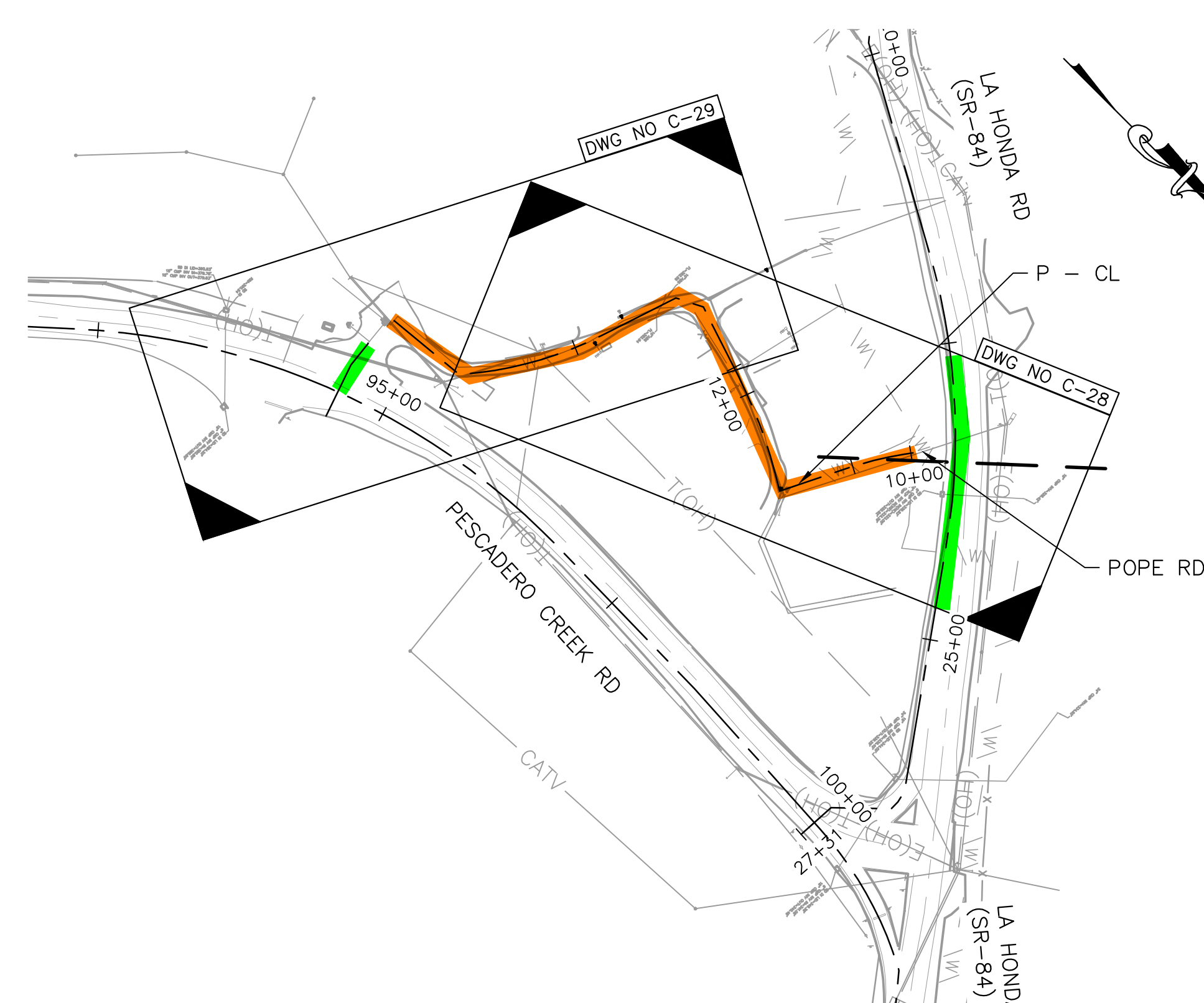
SR-84 WEST - CL ALIGNMENT
 1"=200'

CONSTRUCTION WORK SEQUENCE

- *1. CONSTRUCT TREATED WATER (TW) DISTRIBUTION LINE FROM PESCADERO CREEK ROAD (APPROX. STA 11+23) TO BUT NOT INCLUSIVE OF 13 LOWER MEMORY LANE AND 1 MEMORY LANE (APPROX. STA 113 +60) AND FROM PESCADERO CREEK ROAD UP TO BUT NOT INCLUSIVE OF WHARF HYDRANT TOWARDS POPE ROAD. DUE TO "BIOLOGICAL CONSTRAINTS", CONSTRUCTION BETWEEN THE WATER TREATMENT PLANT AND PESCADERO CREEK ROAD (APPROX. STA 45+00) SHALL OCCUR AFTER SEPTEMBER 15 AND BE COMPLETED NO LATER THAN OCTOBER 15.
 2. CONSTRUCT TW FROM THE NORTH SIDE OF THE CALTRANS BRIDGE (INCLUSIVE OF CARV AT STA 19+91) TO PESCADERO CREEK ROAD (STA 27+11)
 3. CONSTRUCT TW FROM PESCADERO CREEK ROAD (APPROX. STA 11+23) UP TO BUT NOT INCLUSIVE OF THE CONNECTION AT THE WATER TREATMENT PLANT (STA 10+00). ONCE THE ALREADY CONSTRUCTED TW PIPELINE HAS BEEN TESTED AND DISINFECTED, MAKE TW CONNECTION AT WATER TREATMENT PLANT.
 4. AFTER THE NEW TW LINE IS LIVE, CONNECTIONS CAN BE MADE AT WHARF HYDRANT TOWARDS POPE ROAD AND 1 MEMORY LANE. UPON COMPLETION, TESTING, AND TIE-IN OF ALL SERVICE CONNECTIONS, CONTRACTOR SHALL DISCONTINUE AND CAP THE EXISTING 2" NEAR CALTRANS BRIDGE.
 5. CONSTRUCT MEMORY LANE TW STARTING FROM 10 MEMORY LANE TO THE END OF MEMORY LANE (BID ADD. ALT. 1). ONCE MAIN TW LINE HAS BEEN TESTED AND DISINFECTED, SERVICE CONNECTIONS CAN BE MADE. UPON COMPLETION OF TIE-IN OF ALL SERVICE CONNECTIONS, CONTRACTOR SHALL DISCONTINUE AND CAP EX 1-1/2" GSP NEAR STA. 121+20.86.
 6. CONSTRUCT POPE ROAD TW STARTING FROM 5 POPE ROAD TO THE END OF POPE ROAD (BID ADD. ALT. 2). ONCE MAIN TW LINE HAS BEEN TESTED AND DISINFECTED, SERVICE CONNECTIONS CAN BE MADE.
 7. CONSTRUCT CALTRANS BRIDGE CROSSING AND WEST (BID ADD. ALT. 3). ONCE MAIN TW LINE HAS BEEN TESTED AND DISINFECTED, SERVICE CONNECTIONS CAN BE MADE.
- * BID ADD. ALT. 4 SHOULD BE CONSTRUCTED IN PARALLEL WITH CONSTRUCTION WORK SEQUENCE 1-3.



WTP TO MEMORY LN - CL ALIGNMENT CONTINUATION
 1"=200'

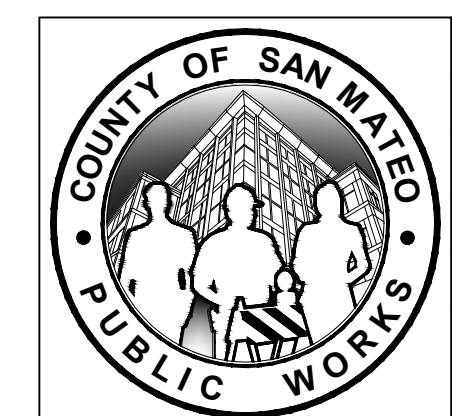
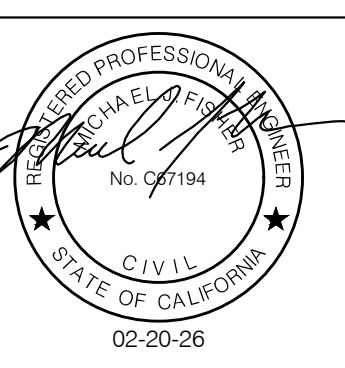


P - CL ALIGNMENT
 1"=100'



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SIGNATURE: *Michael J. Fisher*
 MICHAEL J. FISHER
 WATERWORKS ENGINEERS
 R.C.E. # 67194 / EXPIRES 09-30-2026



| | | | | |
|---|------|--|--|------------------|
| DESIGNED BY: P. WEBSTER | | CIVIL | | SCALE: AS SHOWN |
| CHECKED BY: M. KARBAKSH | | CONSTRUCTION SEQUENCING PLAN | | DATE: FEB 2026 |
| DRAWN BY: A. CORREA | | ANN M. STILLMAN, DIRECTOR OF PUBLIC WORKS SAN MATEO COUNTY | | FILE NO.: 1/5032 |
| REVISION | DATE | 555 COUNTY CENTER, 5th FLOOR REDWOOD CITY, CALIFORNIA 94063 | | CS-1 |
| FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES | | | | SHEET 43 OF 43 |

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