

**BASIS OF BEARINGS:**

THE BEARING BETWEEN FOUND MONUMENTS IN HAYWARD-DUBLIN HIGHWAY (DUBLIN CANYON ROAD) SHOWN AS N72°57'00"W, AS SHOWN ON THE MAP "BLUMENDALE TRACT", FIELD IN BOOK 8 OF MAPS AT PAGE 3, OFFICIAL RECORDS OF ALAMEDA COUNTY, IS TAKEN AS THE BASIS OF BEARINGS FOR THIS MAP.

**BENCHMARK:**

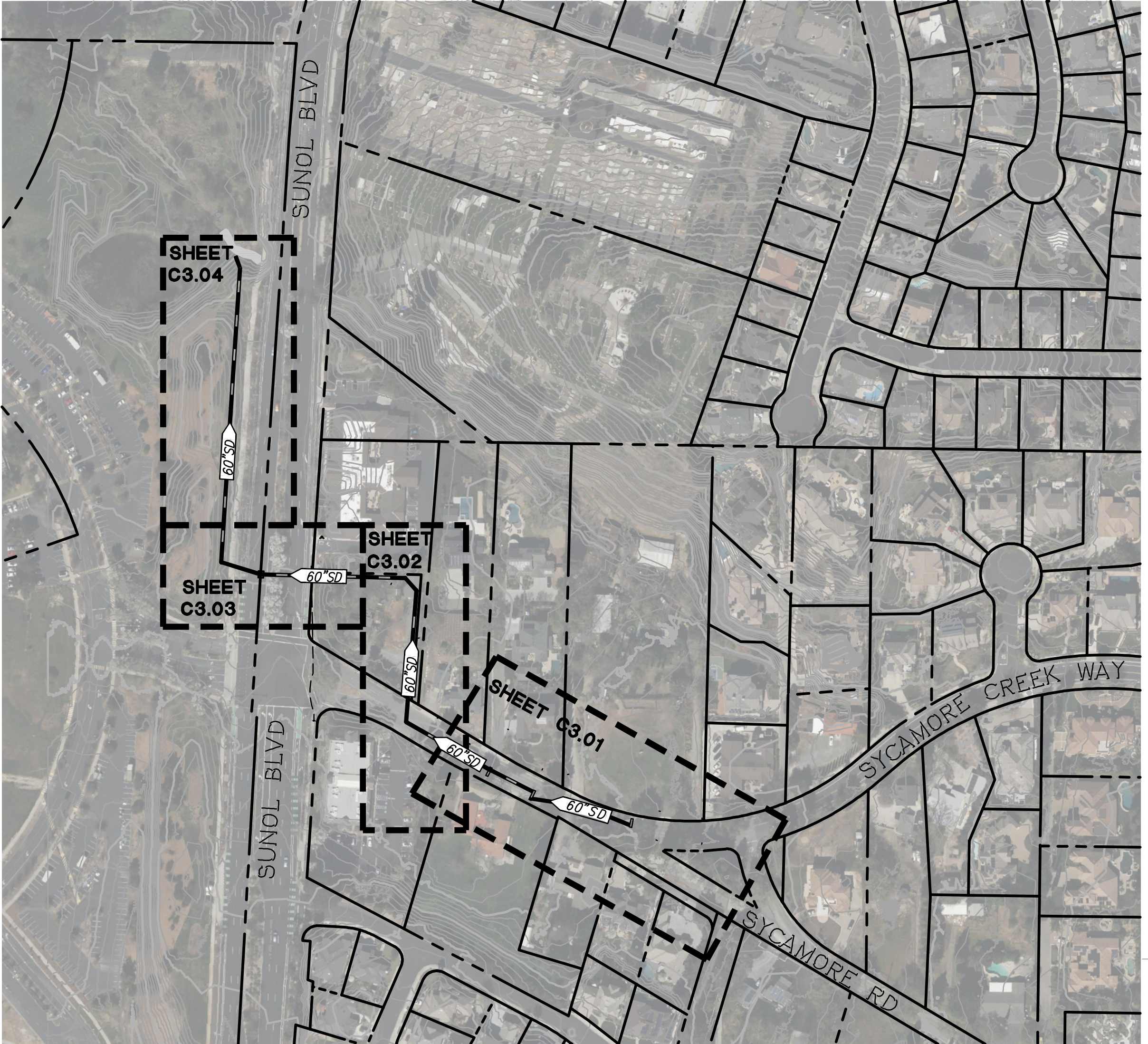
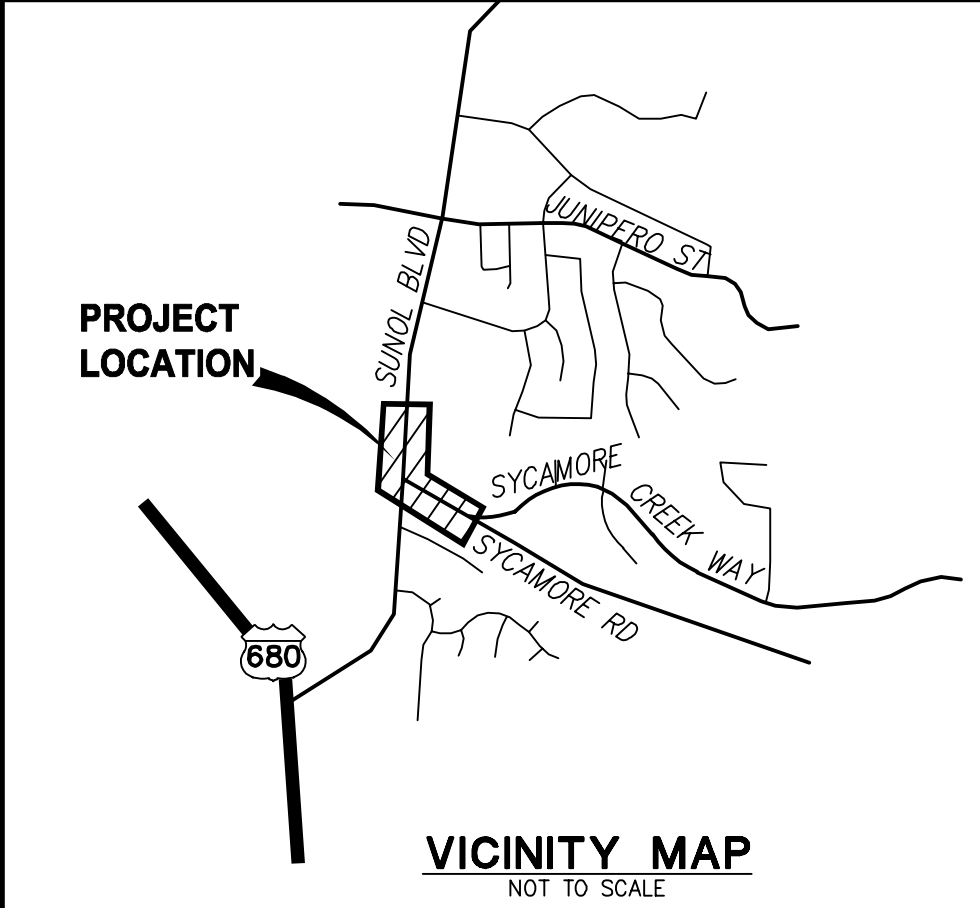
NGS BENCHMARK HS4089 H 1259  
 FD 2.5IN BRASS DISK STAMPED "NATIONAL GEODETIC SURVEY H 1259 1974"  
 NEAR THE INTERSECTION OF INTERSTATE 680 AND SUNOL BLVD. IN PLEASANTON, CA. AT THE NORTHEAST END OF A RAILROAD BRIDGE OVERCROSSING, ± 120' WEST OF THE SOUTHBOUND OFFRAMP OF THE INTERSTATE, IN THE TOP OF THE EAST END OF THE NORTH CONCRETE ABUTMENT, ±0.5' WEST OF THE EAST END OF THE ABUTMENT.  
 ELEVATION = 338.4' NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

# IMPROVEMENT PLANS SYCAMORE ROAD & SUNOL BLVD STORM DRAIN IMPROVEMENTS

CITY OF PLEASANTON, ALAMEDA COUNTY, CALIFORNIA

FOR: CITY OF PLEASANTON  
 90 % SUBMITTAL

| PROPOSED      | DESCRIPTION              | EXISTING      |
|---------------|--------------------------|---------------|
| ---           | TRACT BOUNDARY           | ---           |
| ---           | LOT LINE                 | ---           |
| ---           | RIGHT OF WAY             | ---           |
| ---           | CENTER LINE              | ---           |
| ---           | MATCH LINE               | ---           |
| ---           | RETAINING WALL           | ---           |
| ---           | EASEMENT LINE            | ---           |
| ---           | PT&T EASEMENT LINE       | ---           |
| ---           | STORM DRAIN              | EX 12" SD     |
| ---           | SANITARY SEWER           | EX 8" SS      |
| ---           | WATER                    | EX 8" W       |
| ---           | RECYCLED WATER           | EX 8" WR      |
| ---           | CURB & GUTTER            | EX FC         |
| ---           | SIDEWALK                 | ---           |
| ---           | OVERHEAD UTILITIES       | OH            |
| +             | JOINT POLE               | +             |
| ---           | WETLANDS LIMIT           | ---           |
| ---           | EARTH OR GRASS SWALE     | ---           |
| ---           | CONCRETE DITCH           | ---           |
| ■             | STORM WATER INLET        | □             |
| ■             | FIELD INLET              | □             |
| ○             | AREA DRAIN               | ○             |
| →             | DIRECTION OF FLOW        | →             |
| ●             | MANHOLE                  | ○             |
| ●             | FIRE HYDRANT             | ●             |
| ●             | BLOW OFF                 | ●             |
| ●             | SANITARY SEWER CLEAN OUT | ●             |
| ●             | WATER VALVE              | ●             |
| ⊠             | REDUCED PRESSURE         | ⊠             |
| ⊠             | BACKFLOW DEVICE          | ⊠             |
| ⊙             | STREET LIGHT             | ⊙             |
| +             | MONUMENT                 | +             |
| +             | TRAFFIC SIGN             | +             |
| +             | STREET NAME SIGN         | +             |
| -x-x-x-x-x-x- | FENCE                    | -x-x-x-x-x-x- |
| ---           | BARRICADE                | ---           |
| ---           | SLOPE                    | ---           |
| ---           | HANDICAP RAMP            | ---           |
| +             | SAVE TREE                | 20" OAK (S)   |
| +             | REMOVE TREE              | +             |
| 1.50          | CONTOUR ELEVATIONS       | 1.50          |
| x 525.2       | SPOT ELEVATION           | x 525.2       |
| ---           | ASPHALT PAVEMENT         | ---           |
| ---           | RIP-RAP                  | ---           |



LOCATION MAP  
 SCALE: 1"=150'

**ABBREVIATIONS**

|      |                                   |      |                                |
|------|-----------------------------------|------|--------------------------------|
| AB   | AGGREGATE BASE                    | LP   | LOW POINT                      |
| AC   | ASPHALT CONCRETE or ACRES         | ME   | MAINTENANCE EASEMENT           |
| AD   | AREA DRAIN                        | MH   | MANHOLE                        |
| BC   | BEGINNING OF CURVE                | OH   | OVERHEAD UTILITIES             |
| BSM  | BIO-TREATMENT SOIL MIX            | PAE  | PRIVATE ACCESS EASEMENT        |
| BVC  | BEGIN VERTICAL CURVE              | PCC  | POINT OF COMPOUND CURVE        |
| BO   | BLOW OFF                          | PL   | PROPERTY LINE                  |
| BW   | BOTTOM OF WALL                    | PRC  | POINT OF REVERSE CURVE         |
| CL   | CENTER LINE                       | PSDE | PRIVATE STORM DRAIN EASEMENT   |
| CMP  | CORRUGATED METAL PIPE             | PSE  | PUBLIC SERVICE EASEMENT        |
| CY   | CUBIC YARD                        | PVC  | POLYVINYL CHLORIDE PIPE        |
| DWY  | DRIVEWAY                          | PVI  | POINT OF VERTICAL INTERSECTION |
| DIP  | DUCTILE IRON PIPE                 | PUE  | PUBLIC UTILITY EASEMENT        |
| EC   | END OF CURVE                      | RCP  | REINFORCED CONCRETE PIPE       |
| EVC  | END VERTICAL CURVE                | RET  | CURB RETURN                    |
| EVAE | EMERGENCY VEHICLE ACCESS EASEMENT | RW   | RIGHT-OF-WAY                   |
| EX   | EXISTING                          | SDE  | STORM DRAIN EASEMENT           |
| FC   | FACE OF CURB                      | SF   | SQUARE FEET                    |
| FG   | FINISHED GRADE                    | SO   | SIDE OPENING INVERT            |
| FH   | FIRE HYDRANT                      | SSCO | SANITARY SEWER CLEAN OUT       |
| FI   | FIELD INLET                       | STA  | STATION                        |
| FL   | FLOW LINE                         | SWI  | STORM WATER INLET              |
| GB   | GRADE BREAK                       | SWK  | SIDEWALK                       |
| GR   | GRATE                             | TC   | TOP OF CURB                    |
| HP   | HIGH POINT                        | TD   | TOP OF DITCH                   |
| INV  | INVERT ELEVATION                  | TW   | TOP OF WALL                    |
| JP   | JOINT POLE                        | WLE  | WATER LINE EASEMENT            |
|      |                                   | WM   | WATER METER                    |
|      |                                   | VC   | VERTICAL CURVE                 |

**CITY OF PLEASANTON**  
 APPROVAL OF THESE PLANS IS FOR WORK WITHIN THE STREET RIGHT-OF-WAY AND PUBLIC UTILITY SYSTEMS WITHIN PUBLIC SERVICES EASEMENTS UNLESS OTHERWISE NOTED. APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER OF THE RESPONSIBILITY FOR THE CORRECTION OF MISTAKES, ERRORS, OR OMISSIONS CONTAINED THEREIN. IF DURING THE COURSE OF CONSTRUCTION OF THE IMPROVEMENTS PUBLIC INTEREST REQUIRES A MODIFICATION OR A DEPARTURE FROM THE SPECIFICATION AND DETAILS OF THE CITY OF PLEASANTON OR THESE PLANS, THE CITY ENGINEER SHALL HAVE THE AUTHORITY TO REQUIRE SUCH MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH SAME IS TO BE MADE. APPROVED AS TO DESIGN ONLY BASED UPON INFORMATION SUBMITTED HEREON THIS DAY.

ADAM NELKIE, P.E.  
 CITY ENGINEER  
 CITY OF PLEASANTON, CALIFORNIA  
 DATE

**GEOTECHNICAL ENGINEER**  
 THESE PLANS HAVE BEEN REVIEWED BY ENGeo INCORPORATED AND HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE RECOMMENDATIONS IN OUR GEOTECHNICAL REPORT DATED MONTH XX, 20XX. WE MAKE NO REPRESENTATIONS AS TO THE ACCURACY OF DIMENSIONS, MEASUREMENTS, CALCULATIONS OR ANY PORTION OF THE DESIGN.

BY JONATHAN BUCK, G.E.  
 ENGeo INCORPORATED  
 DATE

**ENGINEER OF WORK**  
 PLANS PREPARED UNDER THE DIRECTION OF:  
 ALEXANDER J. AZAR, RCE 87006  
 RUGGERI-JENSEN-AZAR  
 DATE



**SHEET INDEX**

| CIVIL     |  | STRUCTURAL |   |
|-----------|--|------------|---|
| SHEET NO. | DESCRIPTION                              | SHEET NO.  | DESCRIPTION                               |
| C0.01     | COVER SHEET                              | S1.01      | GENERAL NOTES & STRUCTURAL SPECIFICATIONS |
| C1.01     | GENERAL NOTES                            | S2.01      | STRUCTURAL PLANS                          |
| C2.01     | DETAIL                                   | S2.02      | STRUCTURAL PLANS                          |
| C3.01     | PLAN AND PROFILE (STA 1+00 TO 6+00)      | S3.01      | STRUCTURAL DETAILS                        |
| C3.02     | PLAN AND PROFILE (STA 6+00 TO STA 10+00) | S3.02      | STRUCTURAL DETAILS                        |
| C3.03     | PLAN AND PROFILE (STA 10+00 TO 13+00)    |            |   |
| C3.04     | PLAN AND PROFILE (STA 13+00 TO 17+46.10) |            |   |

**BEFORE EXCAVATING  
 CALL U.S.A.**  
**UNDERGROUND SERVICE ALERT**  
**800-227-2600 TOLL FREE**  
**48 HOURS BEFORE ALL  
 PLANNED WORK OPERATIONS**

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**RJA GENERAL NOTES:**

1. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD OWNER, ENGINEER, CITY OF PLEASANTON AND THEIR AGENTS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT, EXEMPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ENGINEER.
2. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHEETING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL EFFECT NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, SHORING AND BRACING OR EQUIVALENT METHOD, FOR THE PROTECTION OF LIFE, OR LIMB, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA, THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMITS NECESSARY TO PERFORM THE WORK SHOWN IN THESE PLANS FROM THE APPROPRIATE AGENCIES.
4. THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF AN AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM HIS FAILURE TO DO SO.
5. THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
6. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGGERS OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY.
7. THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF JOB SITE.
8. ANY EXTRA CONSTRUCTION STAKING NECESSITATED SOLELY BY THE CONTRACTOR'S NEGLIGENCE WILL BE CHARGED TO THE CONTRACTOR ON A TIME AND EXPENSES BASIS AND PAID FOR BY THE CONTRACTOR.
9. STATIONING HEREON IS ALONG STREET CENTERLINE UNLESS OTHERWISE SHOWN OR INDICATED.
10. ALL RETURN RADII AND CURB DATA ARE TO FACE OF CURB.
11. ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON HORIZONTAL MEASUREMENTS.
12. LENGTHS OF SANITARY SEWERS AND STORM DRAINS ARE HORIZONTAL DISTANCES FROM CENTER TO CENTER OF STRUCTURES, ROUNDED OFF TO THE NEAREST FOOT.
13. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST TWO (2) WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.), AT 800-642-2444. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTING AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED AND MERGED IN THE CONTRACT UNIT PRICE.
14. THE CONSTRUCTION OF ALL GRAVITY UNDERGROUND LINES (SANITARY SEWERS AND STORM DRAINS) SHALL BEGIN AT THE MOST DOWNSTREAM END, UNLESS OTHERWISE SPECIFICALLY APPROVED BY RUGGERI-JENSEN-AZAR AND THE CITY ENGINEER OF THE CITY OF PLEASANTON.
15. ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE LOCAL AGENCY ENGINEER, AT THE CONTRACTOR'S SOLE EXPENSE.
16. ANY RELOCATION OF PUBLIC UTILITIES SHALL BE CONDUCTED IN ACCORDANCE WITH ANY AND ALL REQUIREMENTS OF THE UTILITY COMPANY INCLUDING FEES, BONDS, PERMITS AND WORKING CONDITIONS, ETC. THIS WORK SHALL BE DONE AT NO EXPENSE TO THE UTILITY COMPANY. THE OWNER SHALL PAY THE COST OF ALL SUCH RELOCATION WORK INCLUDING FEES, BONDS, PERMITS, ETC.
17. IF ARCHEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER EXCAVATION, EARTHWORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) AND/OR THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.
18. RUGGERI-JENSEN-AZAR OR THE CITY OF PLEASANTON DOES NOT SPECIFY NOR RECOMMEND THE USE OR INSTALLATION OF ANY MATERIAL OR EQUIPMENT WHICH IS MADE FROM, OR WHICH CONTAINS ASBESTOS FOR USE IN THE CONSTRUCTION OF THESE IMPROVEMENTS. ANY PARTY INSTALLING SHALL BE SOLELY RESPONSIBLE FOR ALL INJURIES, DAMAGES, OR LIABILITIES OF ANY KIND, CAUSED BY THE USE OF SUCH MATERIALS OR EQUIPMENT. THE PROVISIONS OF THIS NOTE SHALL APPLY UNLESS THEY ARE EXPRESSLY WAIVED IN WRITING BY RUGGERI-JENSEN-AZAR.
19. THE CONTRACTOR SHALL MEET AND FOLLOW ALL NATIONAL POLLUTANT DISCHARGE LIMINATION SYSTEM REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
20. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT RUGGERI-JENSEN-AZAR AT (925) 227-9100 FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
21. THE CONTRACTOR SHALL ADHERE TO THE RECOMMENDATIONS IN THE PROJECT CONSTRUCTION AIR POLLUTANT CONTROL PLAN.
22. THE CONTRACTOR SHALL PREPARE AND SUBMIT A WRITTEN DUST CONTROL PLAN PRIOR TO START OF WORK. CONTRACTOR CAN CONTACT JULIAN DE ANDA, WITH CITY LAND DEVELOPMENT SERVICES FOR QUESTIONS ON PLAN AT 925-931-5658.
23. THE CONTRACTOR SHALL MAKE MATERIAL SUBMITTALS TO THE ENGINEERING DEPARTMENT FOR REVIEW AND ACCEPTANCE FOR ALL PUBLIC IMPROVEMENTS. THE CONTRACTOR SHALL ALLOW 15 DAYS FOR REVIEW OF SUBMITTALS.

**PROJECT NOTES:**

1. PROJECT REPRESENTATIVE: CITY OF PLEASANTON  
200 OLD BERNAL AVENUE,  
PLEASANTON, CA 94566  
PHONE: (415) 990-3705  
CONTACT: BILL CARLSON
2. CIVIL ENGINEER: RUGGERI-JENSEN-AZAR  
4690 CHABOT DRIVE, SUITE 200  
PLEASANTON, CA 94588  
PHONE: (925) 227-9100  
CONTACT: ALEXANDER AZAR
3. GEOTECHNICAL ENGINEER: ENGO INCORPORATED  
2010 CROW CANYON PLACE,  
SAN RAMON, CA 94583  
PHONE: (925) 866-9000  
CONTACT: JONATHAN BUCK
4. BENCHMARK:  
NGS BENCHMARK HS4089 H 1259  
FD 2.5IN BRASS DISK STAMPED "NATIONAL GEODETIC SURVEY H 1259 1974"  
NEAR THE INTERSECTION OF INTERSTATE 680 AND SUNOL BLVD. IN PLEASANTON, CA. AT THE NORTHEAST END OF A RAILROAD BRIDGE OVERCROSSING, ± 120' WEST OF THE SOUTHBOUND OFFRAMP OF THE INTERSTATE, IN THE TOP OF THE EAST END OF THE NORTH CONCRETE ABUTMENT, ±0.5' WEST OF THE EAST END OF THE ABUTMENT.  
ELEVATION = 338.4' NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)
5. THE CIVIL ENGINEER WILL PROVIDE THE CONSTRUCTION STAKES. THE NUMBER AND LOCATION OF WHICH SHALL BE DETERMINED BEFORE THE CONSTRUCTION BEGINS. ALL STAKING REQUEST SHOULD BE DIRECTED TO THE CIVIL ENGINEER A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO ACTUAL NEED. ANY ADDITIONAL STAKING OR RESTAKING WILL ONLY BE DONE AS DIRECTED AND AUTHORIZED BY THE DEVELOPER OR HIS AUTHORIZED AGENT. THE BUILDING OFFICIAL HAS THE AUTHORITY TO REQUIRE THE DEVELOPER OR HIS AUTHORIZED AGENT TO PLACE ADDITIONAL STAKES OR RESTAKES AS HE DEEMS NECESSARY FOR PROPER CONSTRUCTION OR TO AVOID CONFLICTS.
6. THE CONTRACTOR SHALL NOT DESTROY ANY PERMANENT SURVEY POINTS WITHOUT THE CONSENT OF THE CITY ENGINEER. ANY PERMANENT MONUMENTS OR POINTS DESTROYED SHALL BE REPLACED BY A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
7. THE CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADING, ETC. AND BY AVOIDING ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW-SPOTS OR HAZARDOUS CONDITIONS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED INSPECTIONS AND SHALL NOTIFY THE APPROPRIATE INDIVIDUAL OR AGENCY TWO (2) WORKING DAYS PRIOR TO THE TIME THAT THE CONTRACTOR WISHES THE INSPECTION TO BE MADE. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER TWO (2) WORKING DAYS PRIOR TO REQUEST INSPECTION (925) 931-5300.
9. THESE PLANS AND SPECIFICATIONS, INCLUDING GRADES AND STREET DRAINAGE ARE SUBJECT TO MODIFICATION DURING CONSTRUCTION SHOULD CONDITIONS APPEAR THAT WERE NOT APPARENT DURING DESIGN. ANY SUCH MODIFICATION SHALL BE APPROVED BY THE PLEASANTON CITY ENGINEER.
10. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE LOCAL AGENCY ENGINEER, CITY ENGINEER AND RUGGERI-JENSEN-AZAR. ANY DEVIATIONS OR CHANGES IN THESE PLANS WITHOUT OFFICIAL APPROVAL OF THE CIVIL ENGINEER SHALL SHALL ABSOLVE THE CIVIL ENGINEER OF ANY AND ALL RESPONSIBILITY OF SAID DEVIATION OR CHANGE.
11. MANHOLE FRAMES, COVERS AND VALVE BOXES SHALL BE BROUGHT TO FINISH GRADE AFTER FINAL PAVING.
12. A SOILS ENGINEER SHALL BE ON SITE AT ALL TIMES DURING GRADING AND INSTALLATION OF UNDERGROUND UTILITIES.
13. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY NOTIFY THE PUBLIC WORKS INSPECTOR AND THE CIVIL ENGINEER UPON DISCOVERY OF ANY FIELD CONFLICTS.
14. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY ALL UTILITIES 48 HOURS PRIOR TO ANY EXCAVATION SO THAT THEIR LINES CAN BE MARKED. CONTACT UNDERGROUND SERVICE ALERT (U.S.A.) AT 800-642-2444.
15. THE CONTRACTOR SHALL KEEP A COPY OF THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND A COPY OF ALL OTHER PERMITS AT THE SITE TRAILER FOR INSPECTION. SWPPP SHALL BE AVAILABLE AT THE PROJECT SITE DURING THE ENTIRE CONSTRUCTION PHASE OF THE PROJECT FOR REVIEW AND COMPLIANCE.
16. CONSTRUCTION TRAILERS SHALL BE ALLOWED TO BE PLACED ON THE PROJECT SITE FOR DAILY ADMINISTRATION/COORDINATION PURPOSES DURING THE CONSTRUCTION PERIOD. AT NO TIME SHALL CAMPERS, TRAILERS, MOTOR HOMES, OR ANY OTHER VEHICLE BE USED AS LIVING OR SLEEPING QUARTERS ON THE CONSTRUCTION SITE. ALL SUCH VEHICLES SHALL BE REMOVED FROM THE SITE AT THE END OF EACH WORKDAY.
17. PORTABLE TOILETS USED DURING CONSTRUCTION SHALL BE EMPTIED ON A REGULAR BASIS AS NECESSARY TO PREVENT ODORS.
18. THE CONTRACTOR SHALL SUBMIT MATERIAL SUBMITTALS TO ENGINEERING DEPARTMENT FOR REVIEW AND ACCEPTANCE OF ALL PUBLIC IMPROVEMENTS. THE CONTRACTOR SHALL ALLOW 15 DAYS FOR REVIEW OF SUBMITTAL.
19. DIMENSIONS FOR UTILITIES ARE TO PIPE CENTERLINE.

**TREE PROTECTION**

1. NO EXISTING TREE MAY BE TRIMMED OR PRUNED WITHOUT PRIOR APPROVAL BY THE DIRECTOR OF ENGINEERING/CITY ENGINEER.
2. NO EQUIPMENT MAY BE STORED WITHIN OR BENEATH THE DRIPLINES OF THE EXISTING TREES.
3. NO OIL, GASOLINE, CHEMICALS, OR OTHER HARMFUL MATERIALS SHALL BE DEPOSITED OR DISPOSED WITHIN THE DRIPLINE OF THE TREES OR IN DRAINAGE CHANNELS, SWALES, OR AREAS THAT MAY LEAD TO THE DRIPLINE.
4. NO STOCKPILING/STORAGE OF FILL, ETC., SHALL TAKE PLACE UNDERNEATH OR WITHIN FIVE FEET OF THE DRIPLINE OF THE EXISTING TREES.

**STORM DRAIN**

1. MATERIAL AND CONSTRUCTION OF STORM DRAINS SHALL CONFORM TO THE LATEST CITY OF PLEASANTON STANDARD SPECIFICATIONS DRAWINGS.
2. PUBLIC STORM DRAINS SHALL BE CLASS III ROP. MANHOLES SHALL BE CONSTRUCTED PER CITY STD. DWG. NO. 204, UNLESS OTHERWISE SPECIFIED ON THE PLANS.
3. STORM WATER INLET SHALL CONFORM TO REQUIREMENTS OF THE CITY STD. DWG. NO. 202A AND 202B FOR TYPE II STORM DRAINAGE CURB INLET, UNLESS OTHERWISE SPECIFIED ON THE PLANS.
4. ALL SUBDRAIN CONNECTIONS TO STORM DRAIN SYSTEM SHALL BE TAP TITE CONNECTIONS OR APPROVED EQUAL.
5. THE CONTRACTOR SHALL PERFORM ALL TESTING AND COMPLETION PROCEDURES ON NEW STORM DRAIN MAINS AND MANHOLES PER CITY SPECIFICATIONS INCLUDING BUT NOT LIMITED TO TELEVISION INSPECTION.
6. CURB AND GUTTER SHALL HAVE A SUBDRAIN INSTALLED AT EITHER THE BACK OF THE CURB OR LIP OF GUTTER, IN COMPLIANCE WITH CITY STANDARD SPECIFICATIONS AND DETAILS, INCLUDING STANDARD DRAWING NO. 209.

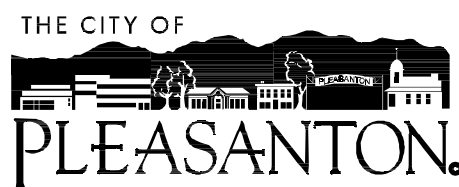

**WATER SYSTEM**

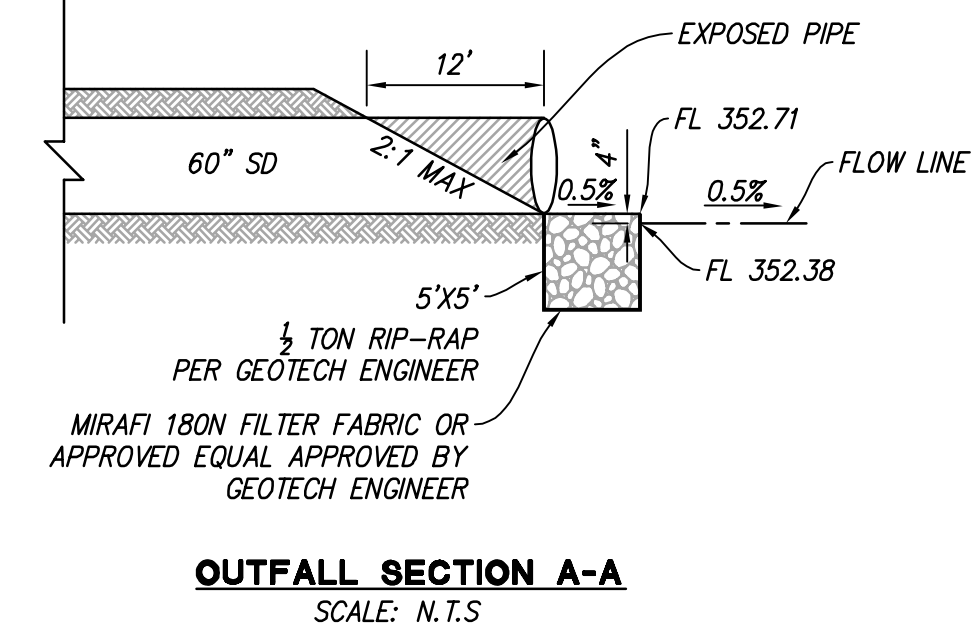
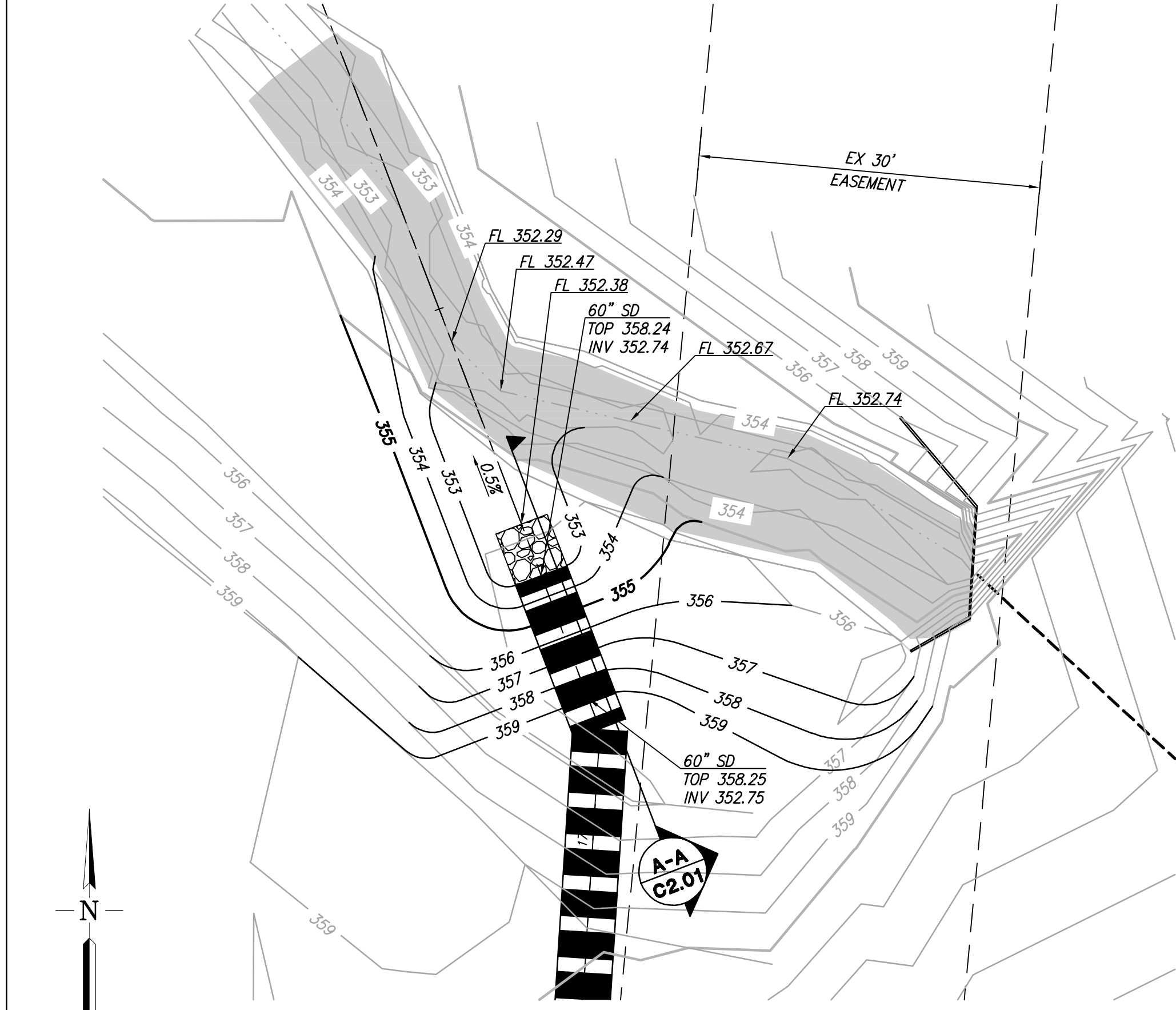
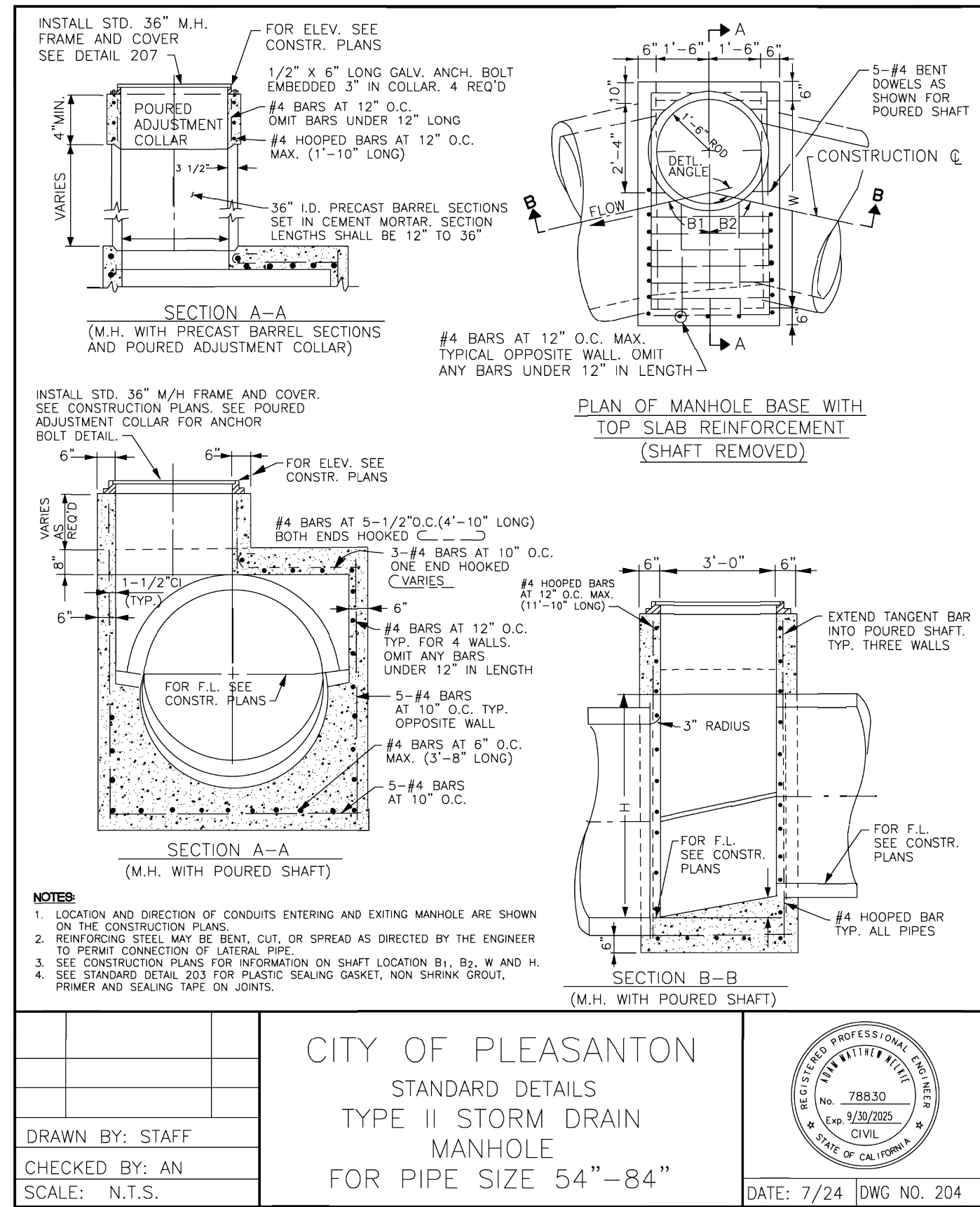
1. WATER MAIN AND APPURTENANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST CITY OF PLEASANTON STANDARD SPECIFICATIONS AND DRAWINGS.
2. EXCAVATIONS MUST BE KEPT DEWATED AT THE TIMES BY THE CONTRACTOR. CONTAMINATED WATER SHALL NOT BE ALLOWED TO ENTER THE WATER MAIN.
3. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE LOCATION, DIAMETER, AND TYPE OF EXISTING PIPE SO THAT THE NEW PIPE CAN BE PROPERLY ALIGNED WITH AND FITTED TO THE EXISTING PIPE.
4. TIE-INS BY THE CONTRACTOR MUST BE COORDINATED WITH THE CITY INSPECTOR AT LEAST 2 WORKING DAYS IN ADVANCE OF WORK. EXCAVATIONS BY THE CONTRACTOR FOR TIE-INS MUST BE APPROVED BY THE CITY ENGINEER OR AUTHORIZED REPRESENTATIVE THE DAY BEFORE WORK IS TO COMMENCE AT EACH TIE-IN.
5. THE CONTRACTOR SHALL NOTIFY AFFECTED RESIDENCES AND BUSINESSES 48 HOURS IN ADVANCE OF POSSIBLE SERVICE INTERRUPTIONS. THE CONTRACTOR SHALL SPECIFY THE EXPECTED LENGTH AND TIME OF DAY OF THE SHUT-DOWN IN THE NOTIFICATION. THE CONTRACTOR SHALL TAKE INTO ACCOUNT HIGH DEMAND PERIODS AND SHALL COMPLETE THE CONNECTION TO EXISTING LINES IN SUCH A MANNER TO MINIMIZE INCONVENIENCE TO WATER USERS.
6. ALL FITTINGS, VALVES AND MATERIALS TO ACCOMPLISH ALL TIE-INS SHALL BE ON THE JOB, AND EXISTING LINES EXPOSED AND CHECKED FOR PROPER FIT BY THE PROJECT CONTRACTOR PRIOR TO ANY SHUTDOWN.
7. THE INSIDE OF ALL PIPES AND FITTINGS MUST BE DISINFECTED WITH A PROPER DISINFECTING AGENT PER CITY SPECIFICATIONS, SECTION 14-03H.
8. TIE-IN TO THE EXISTING CITY WATER SYSTEM SHALL BE MADE ONLY IN THE PRESENCE OF AND WITH THE APPROVAL OF THE CITY ENGINEER.
9. THE OPERATION OF VALVES IN THE EXISTING CITY SYSTEM SHALL ONLY BE PERFORMED BY CITY PERSONNEL.
10. WHENEVER WATER MAINS CROSS STORM OR SANITARY SEWER LINES, DUCTILE IRON PIPE OR CLASS 305 (OR 14) PVC PIPE AS SPECIFIED HEREIN, SHALL BE USED AS FOLLOWS:  
A. WHEN THE WATER LINE CROSSES UNDER A SANITARY SEWER LINE REGARDLESS OF CLEARANCE.  
B. WHEN THE WATER LINE CROSSES UNDER A STORM SEWER WITH LESS THAN ONE FOOT OF CLEARANCE.  
C. WHEN THE WATER LINE CROSSES OVER A STORM OR SANITARY SEWER WITH LESS THAN ONE FOOT OF CLEARANCE.
11. THE DUCTILE IRON PIPE OR CLASS 305 (OR 14) PVC SHALL BE ONE CONTINUOUS LENGTH AS SPECIFIED IN CITY STANDARD DETAIL 403 TO 406 AND CITY SPECIFICATION 13-02.B FOR PIPE CROSSING DETAIL.
12. TRENCH BEDDING AND BACKFILL SHALL BE CONSTRUCTED PER CITY STD DWG NO. 113.

**CONSTRUCTION NOTES:**

1. ALL CONSTRUCTION MATERIALS AND METHODS SHALL COMPLY WITH THE ORDINANCES, SPECIFICATIONS, AND STANDARDS OF THE CITY OF PLEASANTON, UNLESS OTHERWISE NOTED ON THESE PLANS. THE CURRENT STANDARD SPECIFICATIONS AND DETAILS ARE DATED JULY 2024.
2. ALL DEMOLITION AND CONSTRUCTION ACTIVITIES, INSPECTIONS, PLAN CHECKING, MATERIAL DELIVERY, STAFF ASSIGNMENT OR COORDINATION, ETC., SHALL BE LIMITED TO THE HOURS OF 8:00 AM TO 5:00 PM, MONDAY THROUGH FRIDAY. NO CONSTRUCTION SHALL BE ALLOWED ON STATE OR FEDERAL HOLIDAYS, SATURDAYS OR SUNDAYS. THE DIRECTOR OF ENGINEERING/CITY ENGINEER MAY ALLOW EARLIER "START TIMES" OR LATER "STOP TIMES" FOR SPECIFIC CONSTRUCTION ACTIVITIES (E.G., CONCRETE POURING) IF IT CAN BE DEMONSTRATED TO THE SATISFACTION OF ENGINEERING THAT THE EXPANDED CONSTRUCTION HOURS ARE NECESSARY (E.G., THE CONCRETE FOUNDATIONS NEED TO BE POURED EARLY DUE TO WEATHER CONDITIONS). ALL CONSTRUCTION EQUIPMENT MUST MEET DEPARTMENT OF MOTOR VEHICLES (DMV) NOISE STANDARDS AND SHALL BE EQUIPPED WITH MUFFLING DEVICES. PRIOR TO CONSTRUCTION, THE HOURS OF CONSTRUCTION SHALL BE POSTED ON SITE.
3. ALL UNDERGROUND UTILITIES SHALL BE INSTALLED PRIOR TO THE CONSTRUCTION OF CURBS, FINAL PREPARATION OF SUBGRADE, AND PLACEMENT OF BASE MATERIAL. THE CITY ENGINEER SHALL BE NOTIFIED BY THE DEVELOPER, OR ACCEPTING AGENCY, OF EACH INSTALLATION (UTILITY) BENEATH THE AREA TO BE PAVED, THAT THE INSTALLATION HAS SATISFACTORILY PASSED FINAL ACCEPTANCE TESTS. SERVICE FROM PUBLIC UTILITIES AND FROM SANITARY SEWERS SHALL BE MADE AVAILABLE FOR EACH LOT IN SUCH A MANNER THAT WILL PREVENT THE NECESSITY OF DISTURBING THE STREET PAVEMENT, CURB, GUTTER AND SIDEWALK WHEN SERVICE CONNECTIONS ARE MADE.
4. TRAFFIC CONTROL MAINTENANCE AND OPERATION SHALL COMPLY WITH THE FOLLOWING STATE STANDARD SPECIFICATION: SECTION 7-1.04 "PUBLIC SAFETY", 7-1.03 "PUBLIC CONVENIENCE", AND SECTION 12, "TEMPORARY TRAFFIC CONTROL".
5. HAUL ROUTE FOR CONSTRUCTION MATERIALS AND EQUIPMENT TRANSPORTED TO/FROM THIS DEVELOPMENT VIA LARGE TRUCKS (THREE TONS AND GREATER) SHALL BE RESTRICTED TO HAUL ROUTE OF INTERSTATE 580 TO FOOTHILL BOULEVARD, TO DUBLIN CANYON ROAD. THE CONTRACTOR(S) SHALL OBTAIN THE NECESSARY PERMIT FROM THE CITY ENGINEER PRIOR TO MOVING ANY CONSTRUCTION EQUIPMENT ONTO THE SITE.
6. ALL INTERNAL COMBUSTION ENGINES ON GRADING OR CONSTRUCTION EQUIPMENT USED SHALL BE EQUIPPED WITH A MUFFLER EQUAL TO OR BETTER THAN THAT SUPPLIED BY THE VEHICLE MANUFACTURER. ALL EQUIPMENT SHALL BE MAINTAINED IN GOOD MECHANICAL CONDITION SO AS TO MINIMIZE NOISE AND AIR POLLUTION FROM FAULTY ENGINE, DRIVE TRAIN, AND OTHER COMPONENTS. NO MUFFLER OR EXHAUST SYSTEM SHALL BE EQUIPPED WITH CUTOUT, BYPASS, OR SIMILAR DEVICE INTENDED TO THWART QUIETING.
7. DUST CONTROL BEST MANAGEMENT PRACTICES PER DUST CONTROL PLAN AND SWPPP AND AS DIRECTED BY THE BUILDING OFFICIAL AND CITY ENGINEER, SHALL BE FOLLOWED AT ALL TIMES DURING GRADING AND CONSTRUCTION OPERATIONS. SUCH MEASURES MAY INCLUDE WATERING OF EXPOSED SURFACES TWICE A DAY, AND MORE FREQUENT WATERING WHEN WINDS EXCEED 15 MPH; COVERING OF STOCKPILED EARTH; COVERING OF TRUCKS HAULING DIRT IF WINDY CONDITIONS PREVAIL. FAILURE TO KEEP DUST UNDER CONTROL MAY RESULT IN THE STOPPAGE OF ALL WORK UNTIL A MODIFIED PLAN ACCEPTABLE TO THE CITY ENGINEER IS APPROVED AND IMPLEMENTED. THE CONTRACTOR SHALL SUBMIT A WRITTEN DUST CONTROL PLAN OR PROCEDURE AS PART OF THE BUILDING PERMIT PLANS.
8. CONTRACTOR SHALL INSTALL TEMPORARY 4' HIGH ORANGE PLASTIC FENCES AT THE DRIP LINE OF TREES AS REQUIRED BY THE CITY LANDSCAPE ARCHITECT, TO PROTECT THE TRUNK, LOWER LIMBS AND SURFACE ROOTS FROM INJURY DURING DEMOLITION, GRADING AND CONSTRUCTION. THE FENCES MUST BE INSTALLED PRIOR TO DEMOLITION AND/OR GRUBBING AND REMAIN UNTIL CONSTRUCTION IS COMPLETE. NO STORAGE OF EQUIPMENT, MATERIALS, SPOILS OR OTHER ITEMS SHALL BE PERMITTED BENEATH THE DRIP LINES OF TREES.
9. ANY TREE PRUNING NECESSARY TO PROVIDE CLEARANCE SHOULD BE PERFORMED BY A CERTIFIED ARBORIST AND NOT BY CONSTRUCTION PERSONNEL. NO APPROVAL SHALL OCCUR WITHOUT THE APPROVAL OF THE DIRECTOR OF ENGINEERING AND CITY LANDSCAPE ARCHITECT.
10. CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR CITY STAFF TO REVIEW AND ACCEPT TWO WEEKS BEFORE STARTING ANY WORK WITHIN THE PUBLIC RIGHT OF WAY.
11. CONTRACTOR SHALL REMOVE ALL USA MARKINGS WITHIN THE PROJECT CONSTRUCTION LIMITS PRIOR TO REQUESTING RELEASE OF MAINTENANCE BOND.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING BEST MANAGEMENT (BMPs), AS STATED ON THE PROJECT SWPPP. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL SUBCONTRACTORS ARE AWARE OF AND IMPLEMENTS SUCH MEASURES.
13. THE CONTRACTOR SHALL REMOVE ALL DIRT, GRAVEL, RUBBISH, REFUSE AND GREEN WASTE FROM THE STREET PAVEMENT AND STORM DRAINS ADJOINING THE SITE. LIMIT CONSTRUCTION ACCESS ROUTES ONTO THE SITE AND PLACE GRAVEL ON THEM. DO NOT DRIVE VEHICLES AND EQUIPMENT OFF PAVED OR GRAVELED AREAS DURING WET WEATHER. BROOM SWEEP THE STREET PAVEMENT ADJOINING THE PROJECT SITE ON A DAILY BASIS. SCRAPE CAKED-ON MUD AND DIRT FROM THESE AREAS BEFORE SWEEPING.
14. PRIOR TO CONSTRUCTION ACTIVITIES WITHIN 50 FEET OF THE PG&E GAS LINE, THE CONTRACTOR SHALL IDENTIFY AND DEMARCATTE THE LOCATION OF THE NATURAL GAS PIPELINE USING HIGHLY VISIBLE MARKERS THAT WILL REMAIN IN PLACE THROUGHOUT PROJECT CONSTRUCTION IN THE VICINITY OF THE PIPELINE AND ENSURE THAT ALL CONSTRUCTION WORKERS ARE AWARE OF THE LOCATION OF THE LINE. THE LOCATION OF THE PIPELINE SHALL BE NOTED ON THE SITE AND CONSTRUCTION PLANS. FURTHER, THE PROJECT CONTRACTOR SHALL TAKE ALL APPROPRIATE MEASURES NECESSARY TO ENSURE THAT THE LINE IS NOT DISTURBED.
15. CONTRACTOR SHALL LOCATE STATIONARY CONSTRUCTION EQUIPMENT AS FAR FROM ADJACENT OCCUPIED BUILDINGS AS POSSIBLE AND SELECT ROUTES FOR MOVEMENT OF CONSTRUCTION-RELATED VEHICLES AND EQUIPMENT SO THAT NOISE SENSITIVE-AREAS, INCLUDING RESIDENCES, AND OUTDOOR RECREATION AREAS ARE AVOIDED AS MUCH AS POSSIBLE. INCLUDE THESE ROUTES IN MATERIALS SUBMITTED TO THE CITY OF PLEASANTON FOR APPROVAL PRIOR TO THE ISSUANCE OF BUILDING PERMITS.
16. ANY DAMAGE TO EXISTING STREET IMPROVEMENTS DURING CONSTRUCTION ON THE SUBJECT PROPERTY SHALL BE REPAIRED TO THE SATISFACTION OF THE CITY ENGINEER AT FULL EXPENSE TO THE PROJECT APPLICANT. THIS SHALL INCLUDE SLURRY SEAL, OVERLAY, OR STREET RECONSTRUCTION IF DEEMED WARRANTED BY THE CITY ENGINEER.
17. THE CONTRACTOR SHALL CONFIRM THE INVERTS OF EXISTING UNDERGROUND UTILITIES PRIOR TO THE START OF ANY UNDERGROUND UTILITY CONSTRUCTION.

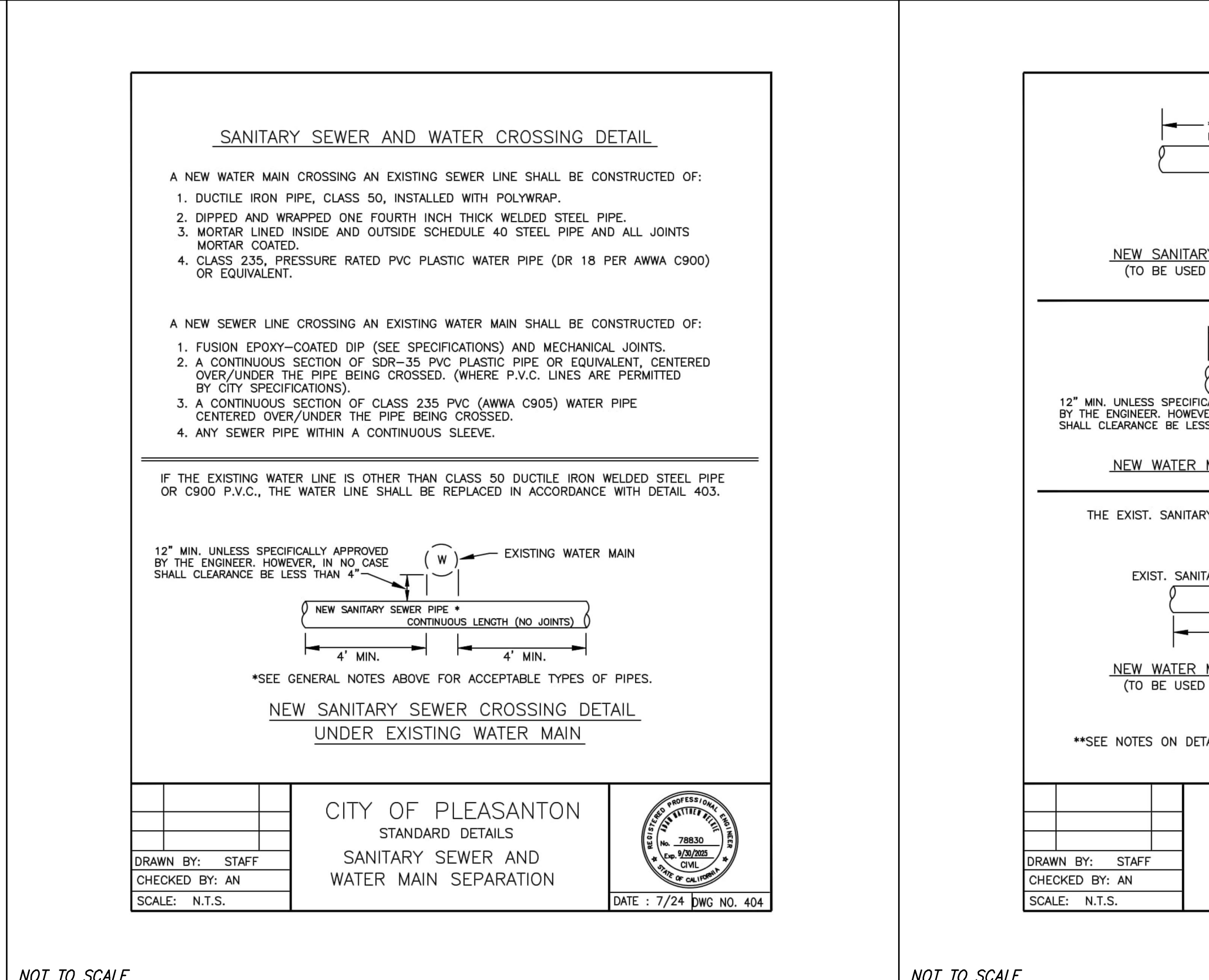
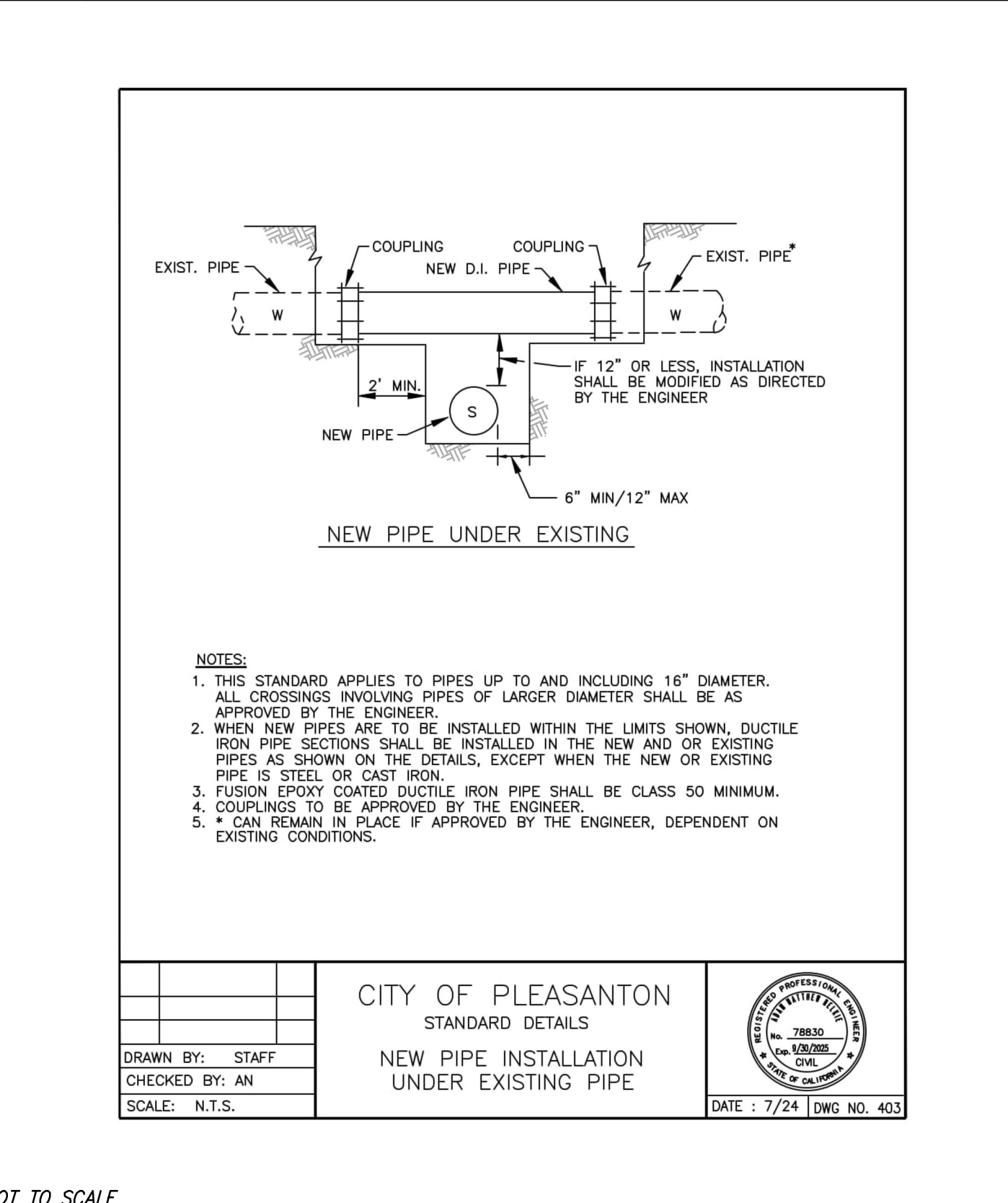
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|------|------|-------------|--|--|---|-------------------|-----|--------------|--------------|---------|--------------|
| REV. | DATE | DESCRIPTION |  <p>THE CITY OF<br/><b>PLEASANTON</b></p> |  <p><b>RJA</b><br/>RUGGERI-JENSEN-AZAR<br/>ENGINEERS • PLANNERS • SURVEYORS<br/>4690 CHABOT DRIVE, SUITE 200 PLEASANTON, CA 94588<br/>PHONE: (925) 227-9100 FAX: (925) 227-9300</p> | <p><b>SYCAMORE ROAD &amp; SUNOL BLVD STORM DRAIN IMPROVEMENTS</b></p> <p><b>GENERAL NOTES</b></p> | DESIGN:           | CSS | SCALE:       | AS SHOWN     | DWG NO. |              |
|      |      |             |  |  |   | DRAWN:            | PP  | PROJECT NO.: | 251069       |         | <b>C1.01</b> |
|      |      |             |  |  |   | CHECKED:          | AJA | DATE:        | APR 21, 2026 |         | 2 OF 12      |
|      |      |             |  |  |   | TRAFFIC ENGINEER: |     |              |              |         |              |



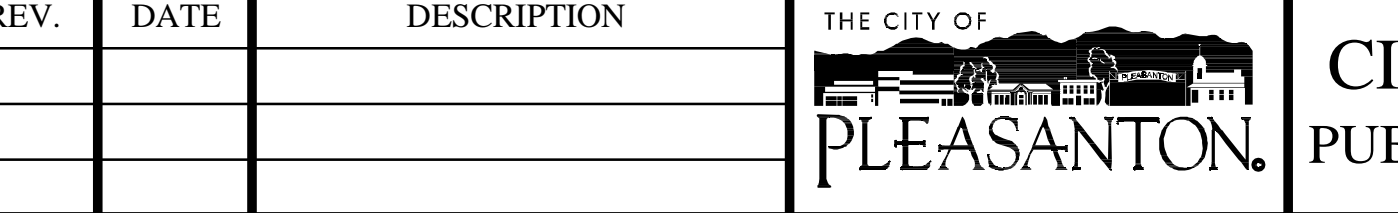
1 STORM DRAIN TYPE II DETAIL

2 OUTFALL DETAIL



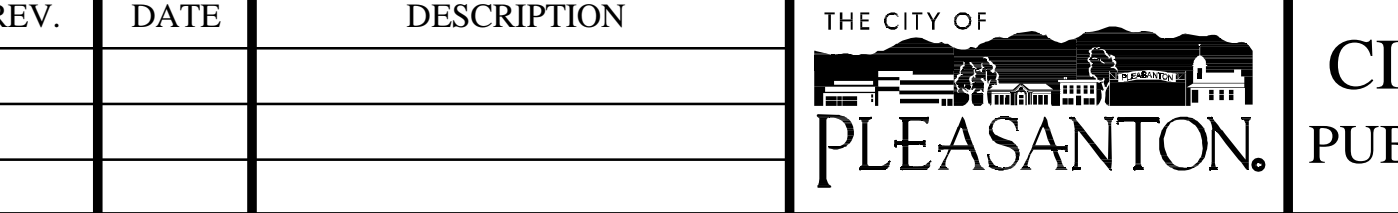
3 NEW PIPE INSTALLATION UNDER EXISTING PIPE

4 SANITARY SEWER AND WATER MAIN SEPARATION



5 SANITARY SEWER AND WATER MAIN SEPARATION

6 CLOSE CROSSING DETAIL



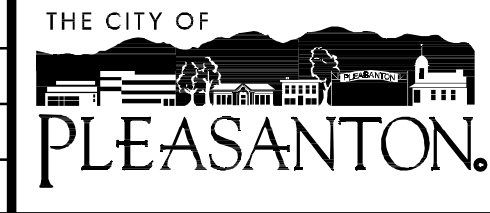
3 NEW PIPE INSTALLATION UNDER EXISTING PIPE

4 SANITARY SEWER AND WATER MAIN SEPARATION

5 SANITARY SEWER AND WATER MAIN SEPARATION

6 CLOSE CROSSING DETAIL

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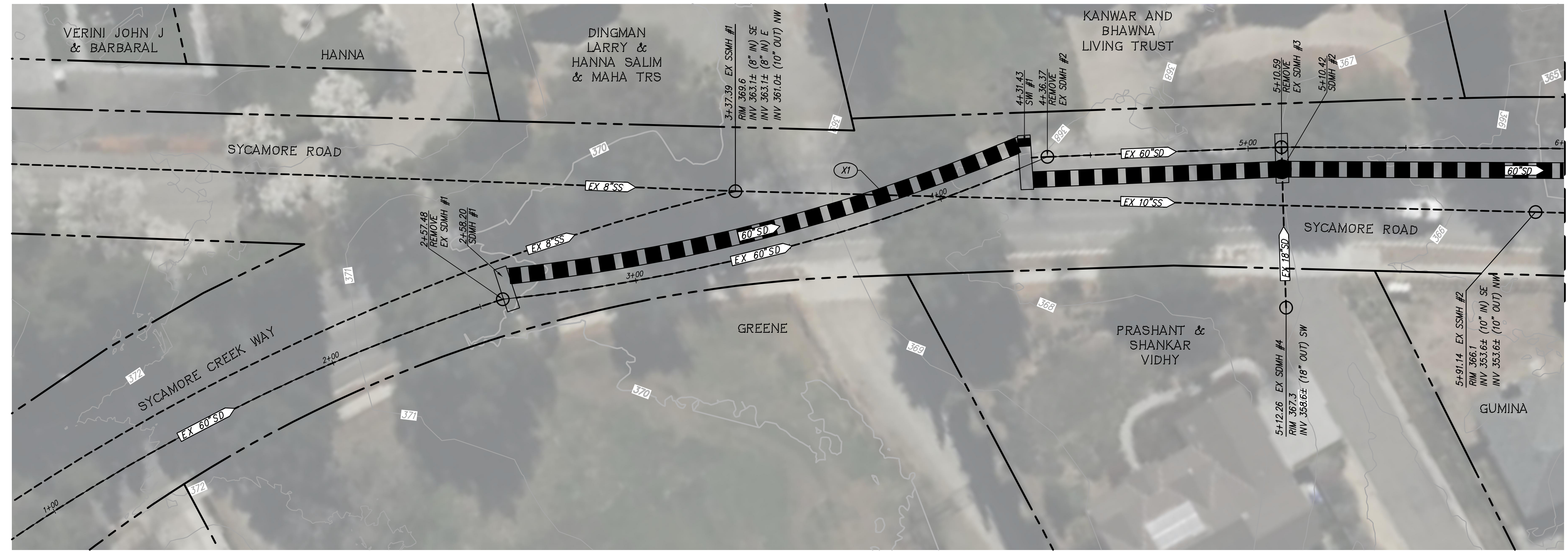


CITY OF PLEASANTON  
PUBLIC WORKS DEPARTMENT



SYCAMORE ROAD & SUNOL BLVD STORM DRAIN IMPROVEMENTS  
DETAIL

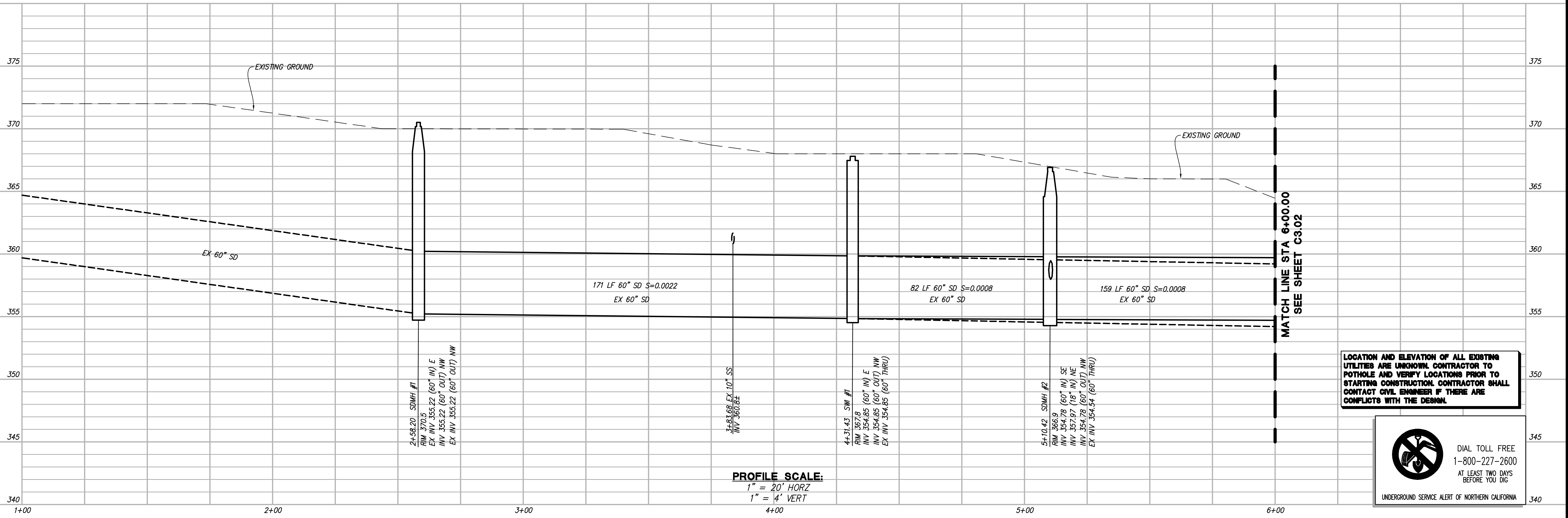
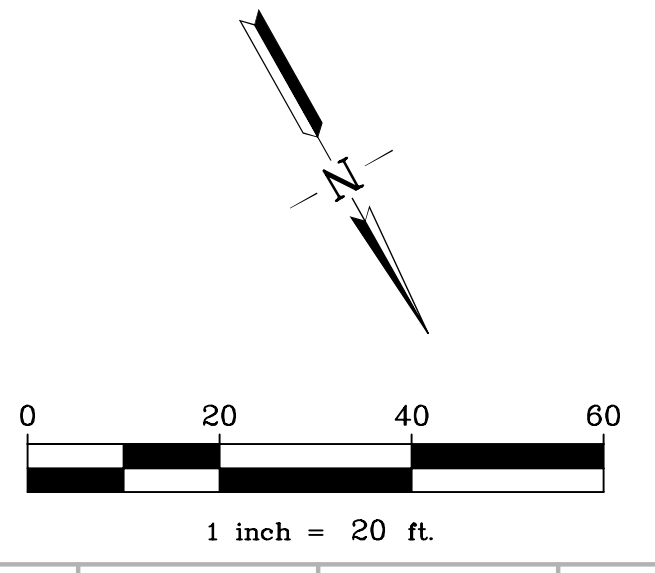
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| DESIGN:           | CSS | SCALE:       | AS SHOWN     | DWG NO.      |
| DRAWN:            | PP  | PROJECT NO.: | 251069       | <b>C2.01</b> |
| CHECKED:          | AJA | DATE:        | APR 21, 2026 | 3 OF 12      |
| TRAFFIC ENGINEER: |     |              |              |              |



| UTILITY STRUCTURE TABLE |   |
|-------------------------|---|
| STRUCTURE NO.           | STRUCTURE TYPE                          |
| SDMH #1                 | STORM DRAIN INLET PER S2.01 AND S3.01   |
| SDMH #1, SDMH #2        | STORM DRAIN MANHOLE PER S2.01 AND S3.01 |

| UTILITY CROSSING TABLE |                 |                 |                |
|------------------------|-----------------|-----------------|----------------|
| CROSSING               | BOTTOM OF PIPE  | TOP OF PIPE     | CLEARANCE (FT) |
| * X1                   | 360.78 (10" SS) | 360.45 (60" SD) | 0.33           |

NOTE:  
\* NEW PIPE INSTALLATION COVER PER CITY STANDARD DETAIL 403-406.



**PROFILE SCALE:**  
1" = 20' HORZ  
1" = 4' VERT

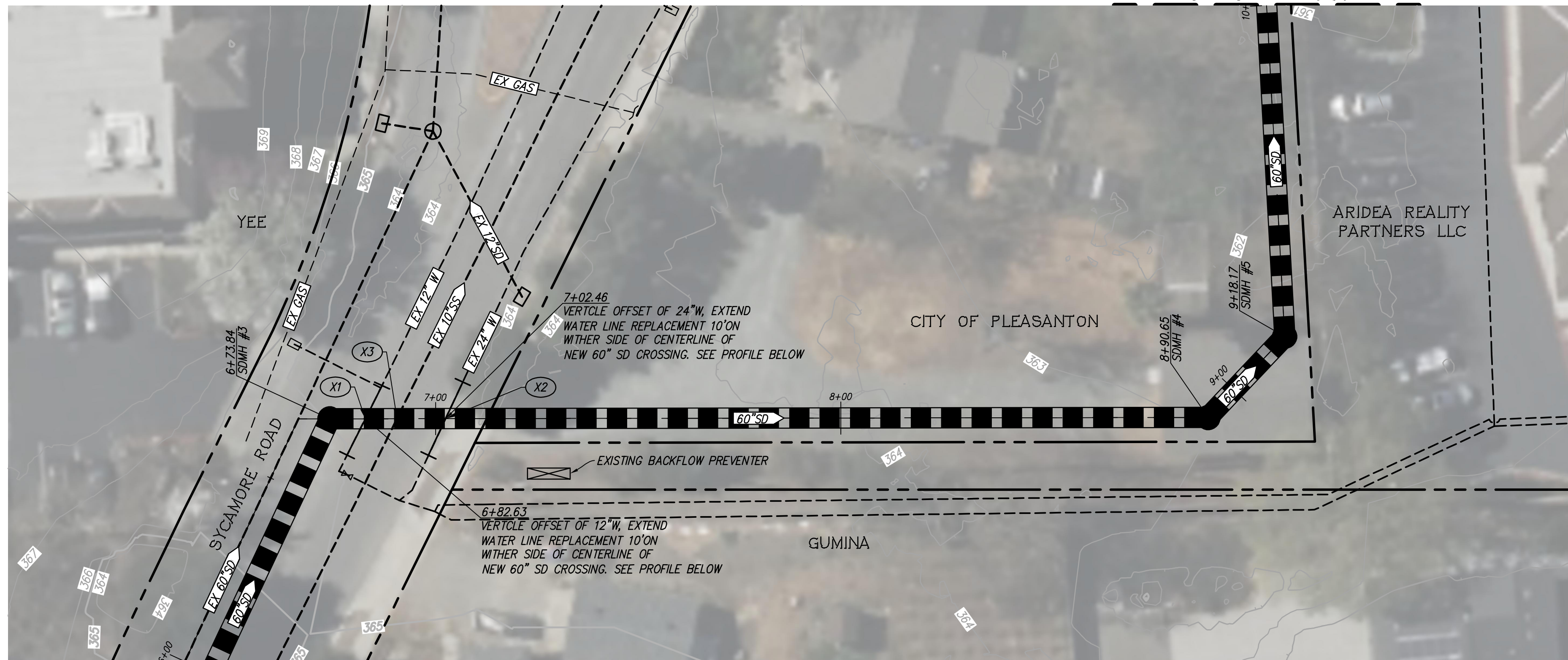
LOCATION AND ELEVATION OF ALL EXISTING UTILITIES ARE UNKNOWN. CONTRACTOR TO POT-HOLE AND VERIFY LOCATIONS PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL CONTACT CIVIL ENGINEER IF THERE ARE CONFLICTS WITH THE DESIGN.



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| REV. | DATE | DESCRIPTION | <br><b>CITY OF PLEASANTON</b><br>PUBLIC WORKS DEPARTMENT | <br><b>RUGGERI-JENSEN-AZAR</b><br>ENGINEERS • PLANNERS • SURVEYORS<br>4891 CHANTRY DRIVE, SUITE 200, PLEASANTON, CA 94588<br>PHONE: (925) 227-9100 FAX: (925) 227-9300 | <b>SYCAMORE ROAD &amp; SUNOL BLVD STORM DRAIN IMPROVEMENTS</b><br><b>PLAN AND PROFILE (STA 1+00 TO 6+00)</b> |  | DESIGN: CSS<br>DRAWN: PP<br>CHECKED: AJA<br>TRAFFIC ENGINEER: | SCALE: AS SHOWN<br>PROJECT NO.: 251069<br>DATE: APR 21, 2026 | DWG NO.<br><b>C3.01</b><br>4 OF 12 |
|      |      |             |  |  |  |  |   |  |                                    |

MATCH LINE STA 10+00.00  
SEE SHEET C3.03

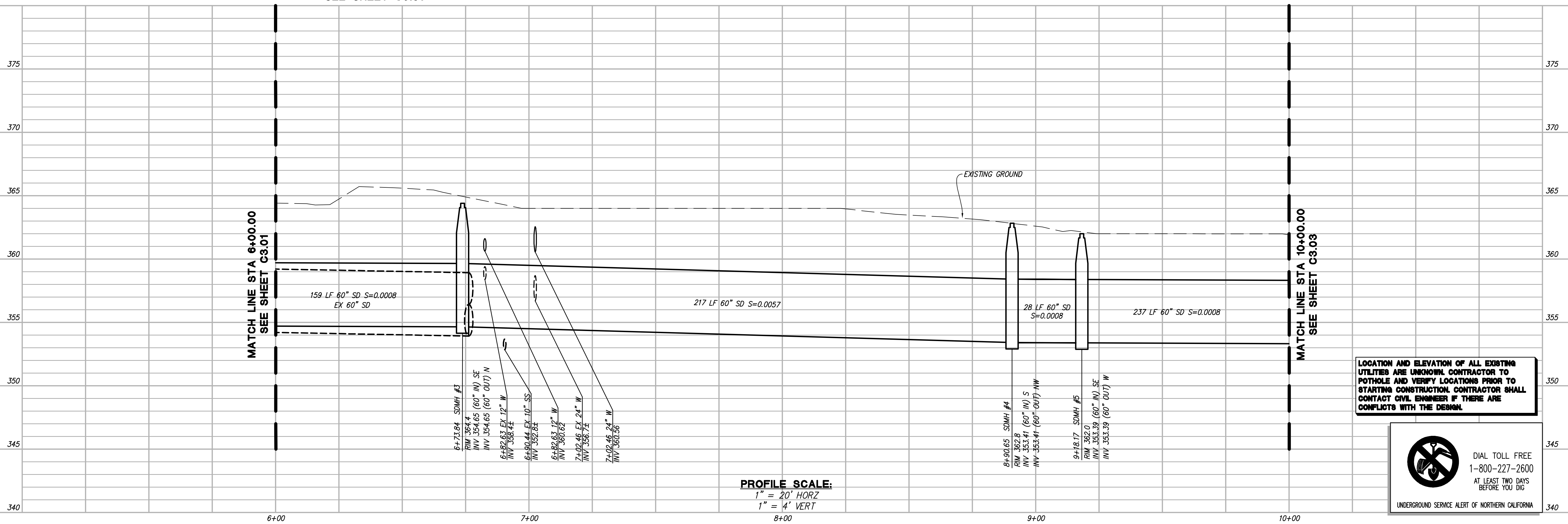
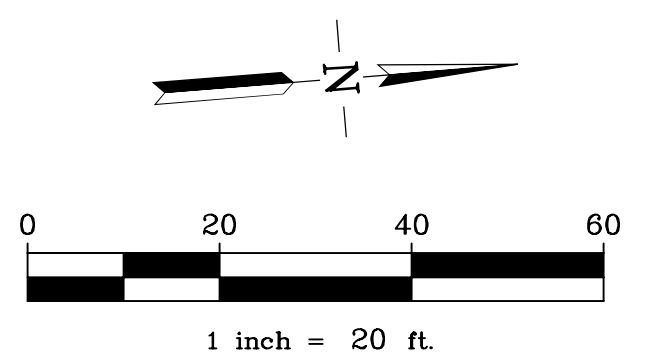


MATCH LINE STA 6+00.00  
SEE SHEET C3.01

| UTILITY STRUCTURE TABLE  |   |
|--------------------------|---|
| STRUCTURE NO.            | STRUCTURE TYPE                          |
| SDMH #3, SDMH #4, SDMH#5 | STORM DRAIN MANHOLE PER S2.02 AND S3.02 |

| UTILITY CROSSING TABLE |                |                    |                |
|------------------------|----------------|--------------------|----------------|
| CROSSING               | BOTTOM OF PIPE | TOP OF PIPE        | CLEARANCE (FT) |
| * X1                   | 360.57 (12" W) | 360.10 (60" SD)    | 0.47           |
| * X2                   | 360.51 (24" W) | 359.99 (60" SD)    | 0.52           |
| * X3                   | 354.06 (60"SD) | 353.54 (EX 10" SS) | 0.52           |

NOTE:  
\* NEW PIPE INSTALLATION COVER PER CITY STANDARD DETAIL 403-406.

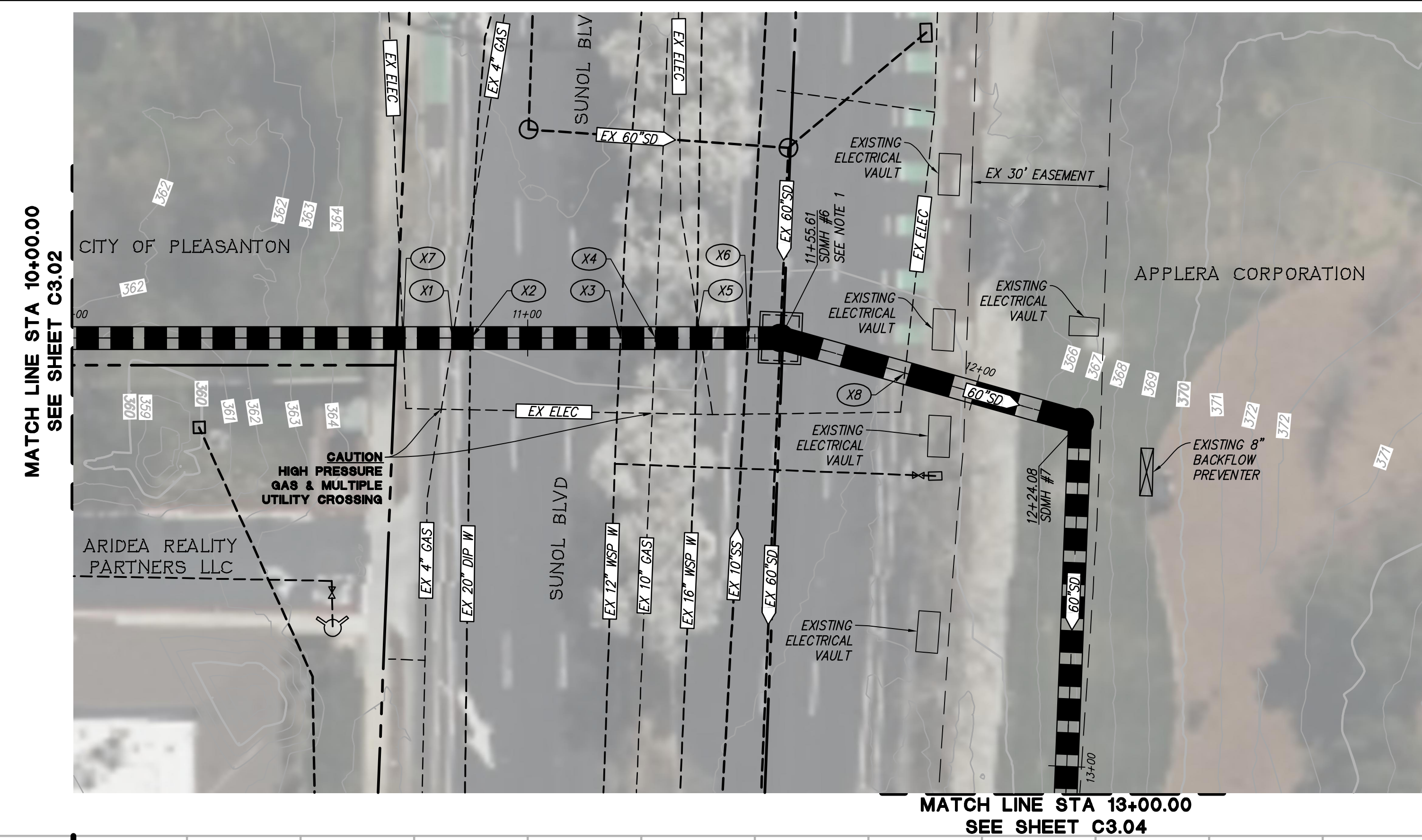


LOCATION AND ELEVATION OF ALL EXISTING UTILITIES ARE UNKNOWN. CONTRACTOR TO POTHOLE AND VERIFY LOCATIONS PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL CONTACT CIVIL ENGINEER IF THERE ARE CONFLICTS WITH THE DESIGN.

 DIAL TOLL FREE  
1-800-227-2600  
AT LEAST TWO DAYS  
BEFORE YOU DIG  
UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA

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

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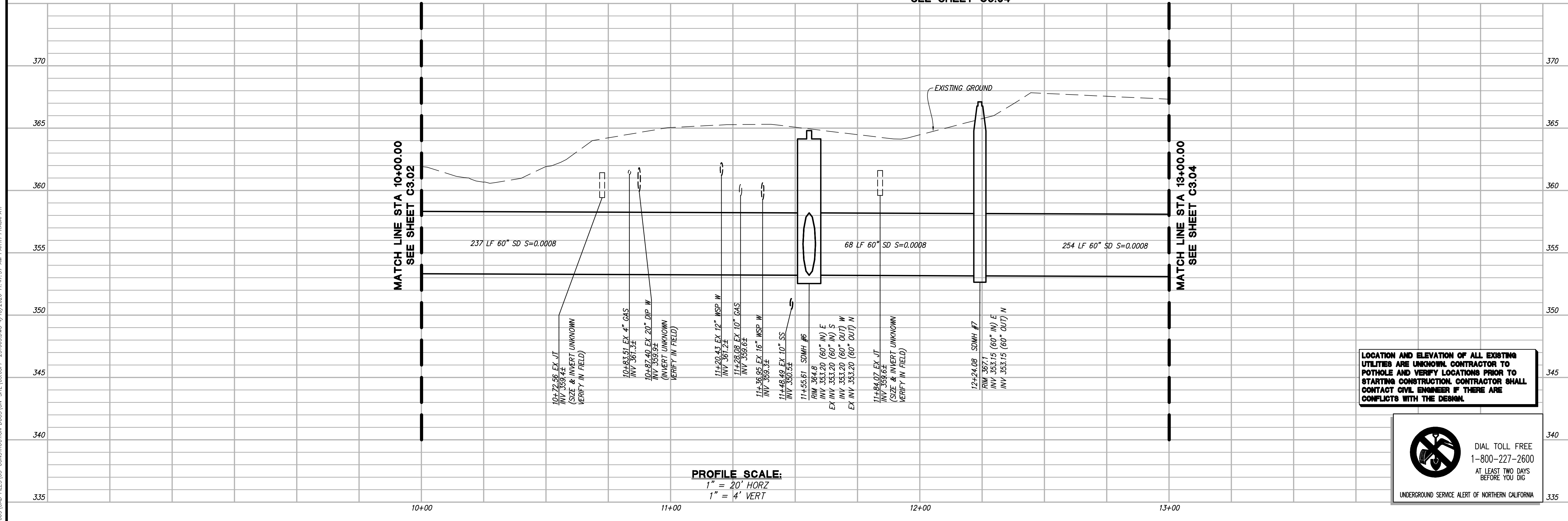
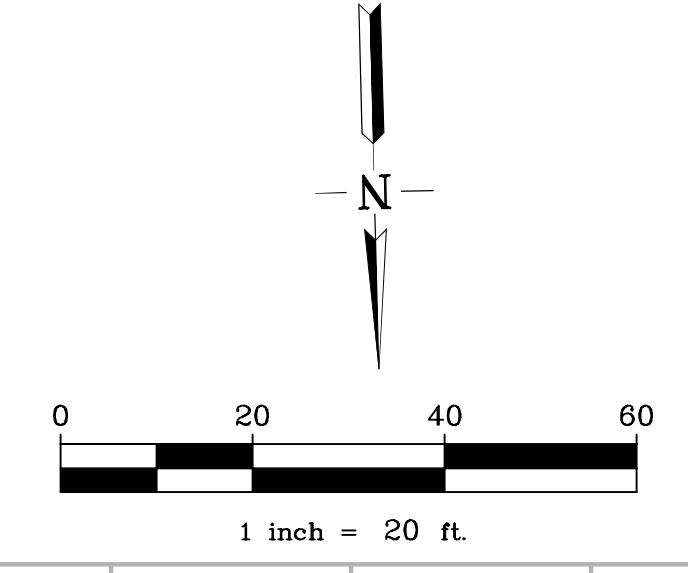


**NOTE:**  
 1. CONTRACTOR TO REACH OUT TO OLD CASTLE FOR SHOP DRAWING.

| UTILITY STRUCTURE TABLE |   |
|-------------------------|---|
| STRUCTURE NO.           | STRUCTURE TYPE                            |
| SDMH #6                 | STORM DRAIN MANHOLE PER OLD CASTLE DETAIL |
| SDMH #7                 | STORM DRAIN MANHOLE PER S2.02 AND S3.02   |

| UTILITY CROSSING TABLE |                     |                    |                |
|------------------------|---------------------|--------------------|----------------|
| CROSSING               | BOTTOM OF PIPE      | TOP OF PIPE        | CLEARANCE (FT) |
| X1                     | 361.24 (4" GAS)     | 358.76 (60" SD)    | 2.48           |
| X2                     | 359.90 (20" EX W)   | 358.75 (60" SD)    | 1.15           |
| X3                     | 361.17 (12" EX W)   | 358.73 (60" SD)    | 2.44           |
| X4                     | 359.54 (10" EX GAS) | 358.72 (60" SD)    | 0.82           |
| * X5                   | 359.48 (16" EX W)   | 358.71 (60" SD)    | 0.77           |
| X6                     | 352.71 (60" SD)     | 351.35 (10" EX SS) | 1.36           |
| X7                     | 359.4± EX JT        | 358.77 (60" SD)    | 0.6±           |
| X8                     | 359.6± EX JT        | 358.68 (60" SD)    | 0.9±           |

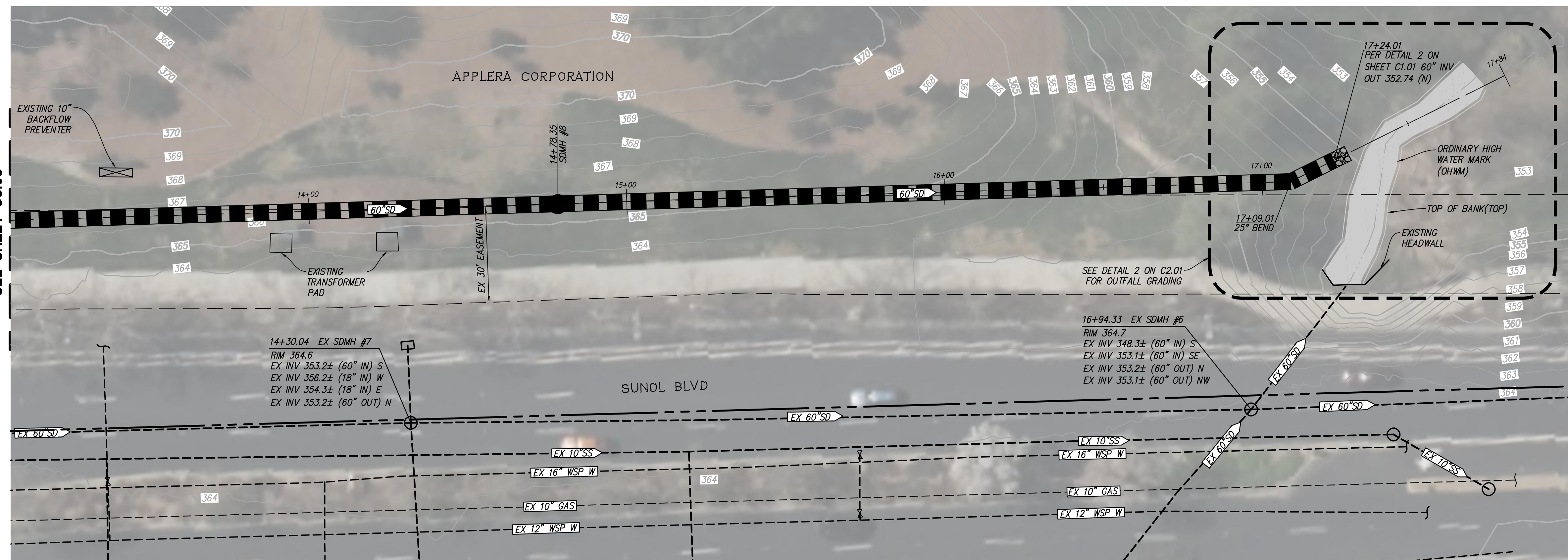
**NOTE:**  
 \* NEW PIPE INSTALLATION COVER PER CITY STANDARD DETAIL 403-406.



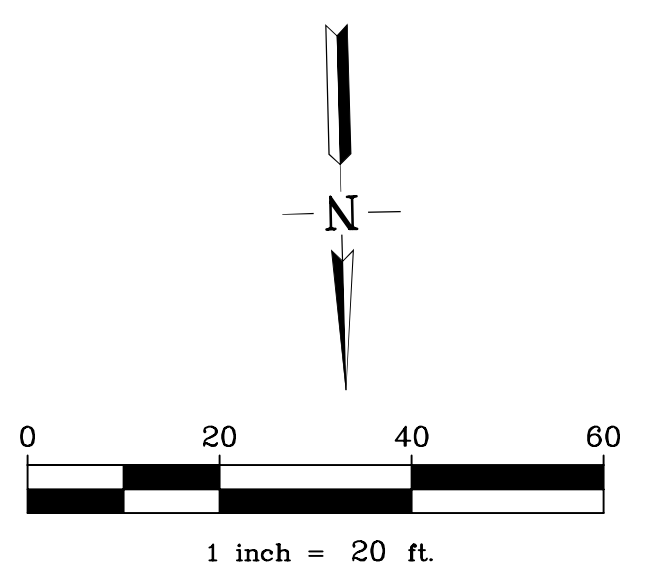
**LOCATION AND ELEVATION OF ALL EXISTING UTILITIES ARE UNKNOWN. CONTRACTOR TO POT-HOLE AND VERIFY LOCATIONS PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL CONTACT CIVIL ENGINEER IF THERE ARE CONFLICTS WITH THE DESIGN.**

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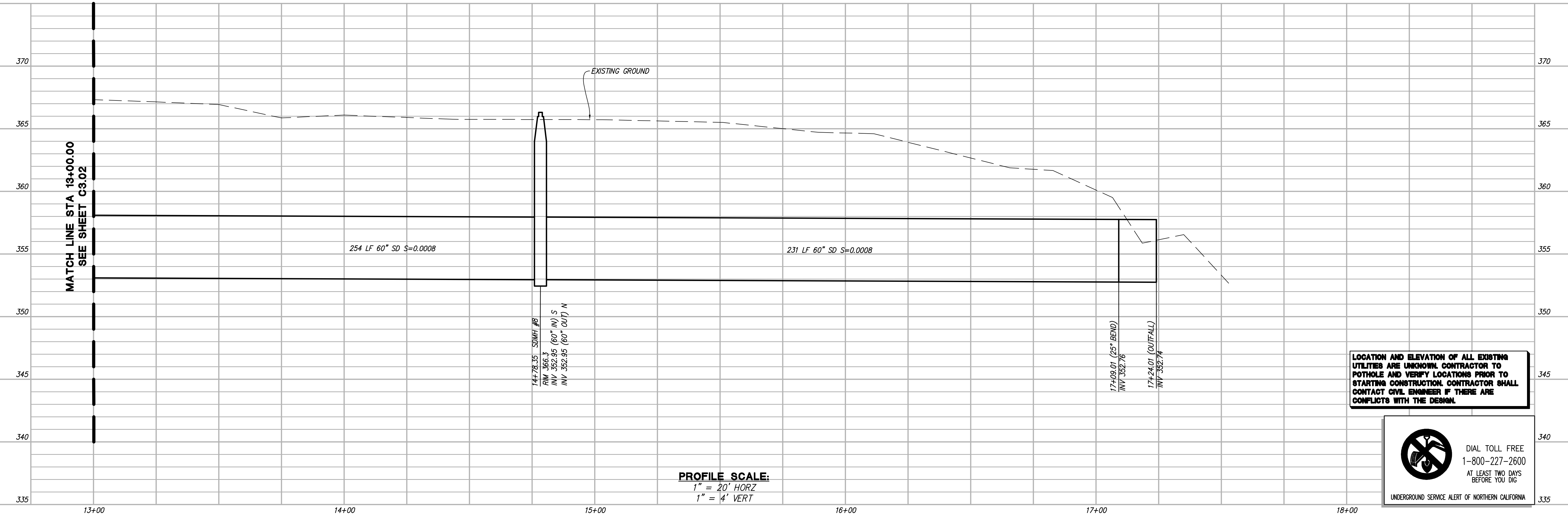


| UTILITY STRUCTURE TABLE |   |
|-------------------------|---|
| STRUCTURE NO.           | STRUCTURE TYPE  |
| SDMH #8                 | STORM DRAIN TYPE II PER CITY OF PLEASANTON STD PLAN 204 |



MATCH LINE STA 13+00.00  
SEE SHEET C3.03

MATCH LINE STA 13+00.00  
SEE SHEET C3.02



**PROFILE SCALE:**  
1" = 20' HORIZ  
1" = 4' VERT

**LOCATION AND ELEVATION OF ALL EXISTING UTILITIES ARE UNKNOWN. CONTRACTOR TO POTHOLE AND VERIFY LOCATIONS PRIOR TO STARTING CONSTRUCTION. CONTRACTOR SHALL CONTACT CIVIL ENGINEER IF THERE ARE CONFLICTS WITH THE DESIGN.**

DIAL TOLL FREE  
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AT LEAST TWO DAYS  
BEFORE YOU DIG  
UNDERGROUND SERVICE ALERT OF NORTHERN CALIFORNIA

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|------|------|-------------|--|--|--|-------------------|-----|--------------|----------|----------|--|
| REV. | DATE | DESCRIPTION | <p><b>CITY OF PLEASANTON</b><br/>PUBLIC WORKS DEPARTMENT</p> | <p><b>RUGGERI-JENSEN-AZAR</b><br/>ENGINEERS • PLANNERS • SURVEYORS<br/>4891 CHERRY DRIVE, SUITE 200 PLEASANTON, CA 94588<br/>PHONE: (925) 227-9100 FAX: (925) 227-9300</p> | <p align="center"><b>SYCAMORE ROAD &amp; SUNOL BLVD STORM DRAIN IMPROVEMENTS</b></p> <p align="center"><b>PLAN AND PROFILE (STA 13+00 TO 17+46.10)</b></p> | DESIGN:           | CSS | SCALE:       | AS SHOWN | DWG NO.  | <p align="center"><b>C3.04</b></p> <p align="center">7 OF 12</p> |
|      |      |             |  |  |  | DRAWN:            | PP  | PROJECT NO.: | 251069   | CHECKED: |  |
|      |      |             |  |  |  | TRAFFIC ENGINEER: |     |              |          |          |  |

**GENERAL**

- BASIS OF DESIGN: 2025 CALIFORNIA BUILDING CODE  
AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION DATED SEPTEMBER 2017 AND THE CALIFORNIA AMENDMENTS.  
CALTRANS 2025 STANDARD PLANS AND SPECIFICATIONS.  
CITY OF PLEASANTON STANDARD SPECIFICATIONS AND DETAILS, JULY 2024. ACI 318 AND 350.
- CONCRETE STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 51 "CONCRETE STRUCTURES" OF THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.
- ALL MATERIALS, WORKMANSHIP, TESTING AND INSPECTION SHALL CONFORM TO THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, 2025 EDITION, THE CALIFORNIA BUILDING CODE, 2025 EDITION, AND LOCAL BUILDING CODES.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS ON THE JOBSITE WITH A COMPLETE SET OF THE LATEST DRAWINGS. OMISSIONS OR DISCREPANCIES BETWEEN THE VARIOUS ELEMENTS OF THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH WORK.
- DETAILS SHOWN ARE TYPICAL, AND APPLY TO SIMILAR CONDITIONS, UNLESS NOTED OTHERWISE.
- REFER TO CIVIL DRAWINGS FOR LAYOUT OF NEW AND/OR EXISTING UTILITIES AND STRUCTURES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR JOBSITE SAFETY, INCLUDING SAFETY OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING, BRACING, AND GUYS IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL ORDINANCES.
- DRAWINGS SHALL NOT BE SCALED OR MEASURED FOR DIMENSIONS.
- SEE GENERAL STRUCTURAL SPECIFICATIONS ON THIS SHEET.
- SPECIAL INSPECTION SHALL BE PROVIDED AS REQUIRED BY THE STATEMENT OF SPECIAL INSPECTIONS ON THIS SHEET.
- DESIGN CRITERIA:  
UNDRAINED ACTIVE EARTH PRESSURE: 110 PCF  
SOIL UNIT WEIGHT: 120 PCF  
ALLOWABLE BEARING PRESSURE: GREATER OF 2,500 PSF OR OVERBURDEN  
VEHICULAR SURCHARGE: 2 FEET OF SOIL (UPPER 10' ONLY)  
HIGH GROUNDWATER ELEVATION: -11 FEET BELOW GROUND SURFACE

**EARTHWORK**

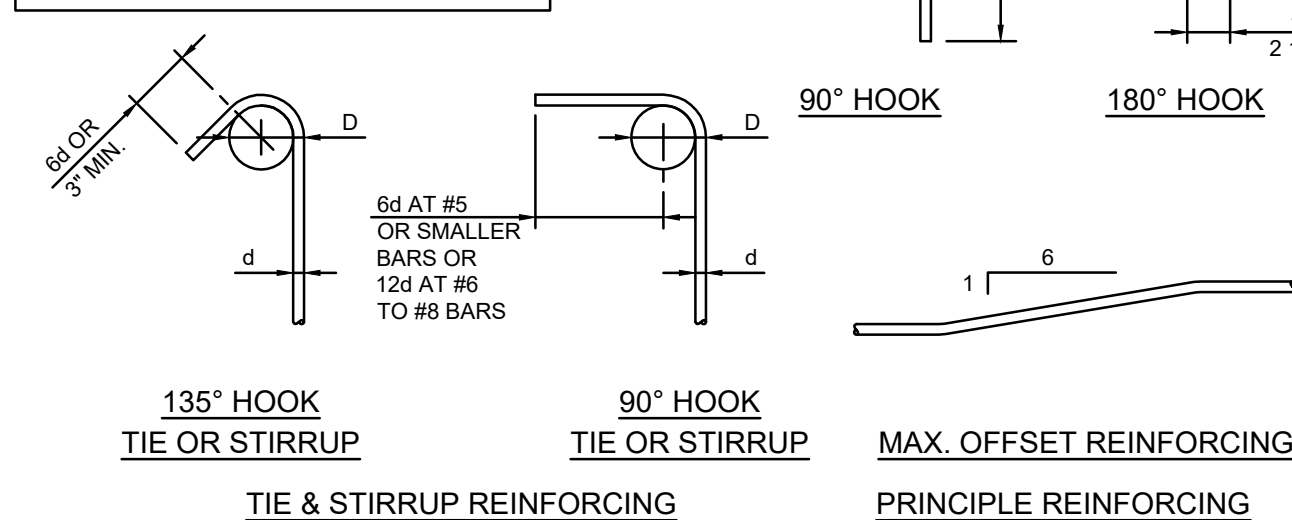
- EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENGeo, INC., DATED JANUARY 28, 2026, PROJECT NO. 6621.002.001 AND SECTION 19 "EARTHWORK" OF THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION.
- BACKFILLING OF STRUCTURES SHALL NOT OCCUR UNTIL CONCRETE DESIGN COMPRESSIVE STRENGTH IS ATTAINED. CONTRACTOR SHALL BACKFILL ALL SIDES OF STRUCTURES CONCURRENTLY. THE DIFFERENCE IN BACKFILL ELEVATIONS ON ANY SIDE OF THE STRUCTURE SHALL NOT EXCEED 1'-0" AT ANY TIME.
- ALL EXCAVATION AND SHORING SHALL BE PERFORMED IN SUBSTANTIAL CONFORMANCE WITH ALL OSHA, STATE AND LOCAL JURISDICTIONAL REQUIREMENTS AND SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. WHERE REQUIRED, THE CONTRACTOR SHALL PROVIDE CALCULATIONS AND SHOP DRAWINGS FOR SHORING SIGNED BY A PROFESSIONAL CIVIL OR STRUCTURAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA. SHOP DRAWINGS AND CALCULATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO START OF ANY WORK.

**FOUNDATION**

- FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY ENGeo, INC., DATED JANUARY 28, 2026, PROJECT NO. 6621.002.001.
- OWNER SHALL RETAIN THE GEOTECHNICAL ENGINEER TO OBSERVE CONSTRUCTION, INCLUDING SITE GRADING, EVALUATION OF THE PROPOSED ENGINEERED FILL, COMPACTION OF FILL, ALL FOUNDATION EXCAVATION, AND TO PERFORM APPROPRIATE LABORATORY TESTING.
- THE GEOTECHNICAL ENGINEER SHALL PROVIDE TO THE OWNER A LETTER FOR FOUNDATION PREPARATION, BACKFILL, COMPACTION, ETC., PRIOR TO THE PLACEMENT OF ANY FOUNDATION CONCRETE. THE GEOTECHNICAL ENGINEER SHALL ALSO PREPARE A FINAL REPORT THAT STATES THAT WORK WAS DONE IN COMPLIANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT, AND THAT INCLUDES CHANGES MADE DURING FOUNDATION CONSTRUCTION THAT WERE DIFFERENT FROM THE REVIEWED GEOTECHNICAL REPORT.
- SIDES OF FOOTINGS SHOWN STRAIGHT ARE FORMED. IF SITE CONDITION ALLOWS AND GEOTECHNICAL ENGINEER CONCURS, SIDES OF FOOTINGS MAY BE FORMED OR NOT FORMED AT CONTRACTOR'S OPTION. FOOTINGS CAST DIRECTLY AGAINST EARTH REQUIRE THE FOLLOWING PRECAUTIONS:  
A) SLOPE SIDES OF EXCAVATIONS AS APPROVED BY THE GEOTECHNICAL ENGINEER,  
B) CLEAN UP OF SLOUGHING BEFORE, DURING AND AFTER PLACING CONCRETE,  
C) ADEQUATE COVER MUST BE PROVIDED FOR ALL REBAR. ADD 1" TO ALL SIDES OF FOOTING DIMENSIONS WHICH ARE CAST AGAINST EARTH.

**NOTES:**

- D = 6d FOR #3 THRU #8  
D = 8d FOR #9 THRU #11  
D = 10d FOR #14 THRU #18
- ALL BENDS SHALL BE MADE COLD.
- #14 AND #18 BARS SHALL BE BEND-TESTED AND APPROVED PRIOR TO BENDING.



**1** REBAR HOOK DETAILS  
S1.01 N.T.S.

**CONCRETE**

- CONCRETE FOR USE IN CONSTRUCTION OF THE STORM DRAIN MANHOLES SHALL BE IN ACCORDANCE WITH SECTION 30 "CONCRETE" OF THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION. MAXIMUM WATER/CEMENT RATIO SHALL BE 0.48. ALL CONCRETE SHALL BE MAINTAINED ABOVE 50 DEGREES FAHRENHEIT AND IN A MOIST CONDITION FOR AT LEAST 7 DAYS AFTER PLACEMENT.
- THE PROPOSED MATERIALS AND MIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED BY THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE REQUIRED DESIGN STRENGTH. SUBMITTAL DATA FROM 30 PREVIOUS COMPRESSION TESTS ON EACH PROPOSED MIX WILL BE REQUIRED FOR REVIEW BEFORE MIX CAN BE APPROVED.
- ALL CONCRETE SHALL HAVE THE FOLLOWING MINIMUM 28-DAY STRENGTHS, U.N.O. STORM DRAIN MANHOLES 4,000 PSI
- SCHEDULING OF WORK MAY REQUIRE DESIGN STRENGTH TO BE ACHIEVED IN LESS THAN 28 DAYS. CONTRACTOR SHALL COORDINATE MIX DESIGN AND CONCRETE CYLINDER BREAKS WITH THE ENGINEER AND SPECIAL INSPECTION & TESTING AGENCY.
- EPOXY BONDING AGENT SHALL BE "SIKADUR-2 HI-MOD LPL" AS MANUFACTURED BY SIKA CORPORATION OR APPROVED EQUAL. SURFACE PREPARATION, MIX PROPORTIONS, AND APPLICATION SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
- NON-SHRINK GROUT SHALL BE "SIKAGROUT-928" AS MANUFACTURED BY SIKA CORPORATION OR APPROVED EQUAL. NON-SHRINK GROUT SHALL BE FLOWABLE WITH A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 3 DAYS.
- EPOXY ANCHORS & DOWELS IN CONCRETE SHALL BE INSTALLED USING "SET-3G" EPOXY AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INC., PLEASANTON, CALIFORNIA OR APPROVED EQUAL. PREPARATION OF HOLES AND INSTALLATION OF ANCHORS & DOWELS SHALL BE PER THE MANUFACTURER'S RECOMMENDATIONS AND ICC-ES REPORT NO. ESR-4057. ANCHORS & DOWELS SHALL NOT BE INSTALLED IN CONCRETE LESS THAN 21 DAYS OLD WITHOUT WRITTEN APPROVAL FROM THE ENGINEER.
- CONSTRUCTION JOINTS SHALL BE INTENTIONALLY ROUGHENED BY SAND BLASTING OR MECHANICAL MEANS AND CLEANED BEFORE NEW POUR. LOCATION OF CONSTRUCTION JOINTS SHALL BE AS SHOWN ON THE DRAWINGS. CONSTRUCTION JOINTS AT OTHER LOCATIONS ARE PROHIBITED UNLESS APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
- HYDROPHILIC WATERSTOP SHALL BE AS FOLLOWS:  
- FOR RCP WITH A NOMINAL DIAMETER OF 24" OR LESS, ADEKA ULTRASEAL MC-2005T, GREENSTREAK HYDROTITE DSS-0320 OR APPROVED EQUAL.  
- FOR RCP WITH A NOMINAL DIAMETER GREATER THAN 24", ADEKA ULTRASEAL MC-2010MM, GREENSTREAK HYDROTITE DSS-0420 OR APPROVED EQUAL.  
INSTALL WATERSTOP IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

**REINFORCING STEEL**

- REINFORCING STEEL SHALL BE IN ACCORDANCE WITH SECTION 52 "REINFORCEMENT" OF THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION. REINFORCING STEEL SHALL BE ASTM A615, GRADE 60 DEFORMED BARS, U.N.O. REINFORCING STEEL TO BE WELDED SHALL BE ASTM A706.
- ALL REINFORCING STEEL AND EMBEDMENTS TO BE HELD SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO ALL LOW WALKING ON REINFORCEMENT.
- WELDING OF REINFORCING IS PROHIBITED UNLESS EXPLICITLY SHOWN ON THE DRAWINGS OR APPROVED IN WRITING BY THE STRUCTURAL ENGINEER.
- PROVIDE CONTINUOUS REINFORCEMENT WHEREVER POSSIBLE. PLACE ONLY AS SHOWN OR APPROVED. STAGGER SPICES WHERE POSSIBLE.
- REINFORCING STEEL HOOKS AND LAP SPLICES SHALL BE PER DETAILS 1 AND 2 ON THIS SHEET.

**DEFERRED SUBMITTALS/SHOP DRAWINGS**

THE FOLLOWING ITEMS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW:  
1. CONCRETE MIX DESIGNS.  
2. BAR REINFORCING STEEL SHOP DRAWINGS.

| CONCRETE REINFORCING LAP SPLICES |                            |            |
|----------------------------------|----------------------------|------------|
| CONCRETE STRENGTH                | f' <sub>c</sub> = 4000 PSI |            |
| BAR SIZE                         | TOP BARS                   | OTHER BARS |
| #3                               | 1'-4"                      | 1'-4"      |
| #4                               | 1'-8"                      | 1'-4"      |
| #5                               | 2'-1"                      | 1'-7"      |
| #6                               | 2'-5"                      | 1'-11"     |
| #7                               | 3'-7"                      | 2'-9"      |
| #8                               | 4'-1"                      | 3'-1"      |
| #9                               | 4'-7"                      | 3'-6"      |
| #10                              | 5'-2"                      | 3'-11"     |
| #11                              | 5'-8"                      | 4'-5"      |

**NOTES:**  
1. LAP SPLICE LENGTHS SHALL BE INCREASED BY 50% WHERE BAR CLEAR COVER IS LESS THAN 2 BAR DIAMETERS OR WHERE SPACING BETWEEN BARS BEING SPLICED IS LESS THAN 5 BAR DIAMETERS.  
2. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.

**2** REBAR LAP SPLICES  
S1.01 N.T.S.

**STATEMENT OF SPECIAL INSPECTIONS**

- SPECIAL INSPECTION**  
- INSPECTION OF THE MATERIALS, INSTALLATION, FABRICATION, ERECTION OR PLACEMENT OF COMPONENTS AND CONNECTIONS REQUIRING SPECIAL EXPERTISE TO ENSURE COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THE 2025 CALIFORNIA BUILDING CODE (CBC). THIS INSPECTION IS IN ADDITION TO THOSE REQUIRED BY SECTION 110, CHAPTER 1 OF THE 2025 CBC.
- SPECIAL INSPECTOR**  
- THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- DUTIES AND RESPONSIBILITIES OF THE SPECIAL INSPECTOR**  
- THE SPECIAL INSPECTOR SHALL INSPECT THE WORK ASSIGNED FOR CONFORMANCE WITH THE APPROVED DESIGN DRAWINGS AND SPECIFICATIONS.  
- SPECIAL INSPECTORS SHALL KEEP RECORDS OF ALL INSPECTIONS. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL, THE ENGINEER OR ARCHITECT OF RECORD, AND OTHER DESIGNATED PERSONS. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS DONE IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION, THEN IF UNCORRECTED, TO THE ATTENTION OF THE BUILDING OFFICIAL AND ENGINEER OR ARCHITECT OF RECORD.
- THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND THE APPLICABLE WORKMANSHIP PROVISIONS OF THE CODE.

**REQUIRED SPECIAL INSPECTIONS**  
- ITEMS REQUIRING SPECIAL INSPECTION SHALL BE AS FOLLOWS:

| TYPE   | REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS |  |
|--|---|--|
|  | CONTINUOUS SPECIAL INSPECTION <sup>1</sup>      | PERIODIC SPECIAL INSPECTION <sup>1</sup> |
| 1. Verify materials below shallow foundations are adequate to achieve the design bearing capacity.                   | -   | X  |
| 2. Verify excavations are extended to proper depth and have reached proper material.                                 | -   | X  |
| 3. Perform classification and testing of compacted fill materials.   | -   | X  |
| 4. Verify use of proper materials, densities and lift thicknesses during placement and compaction of compacted fill. | X   | -  |
| 5. Refer to placement of compacted fill, inspect subgrade and verify that site has been prepared properly.           | -   | X  |

1. Refer to CBC Section 202 for definition of continuous and periodic inspections.

**REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION**

| TYPE   | CONTINUOUS SPECIAL INSPECTION <sup>1</sup> | PERIODIC SPECIAL INSPECTION | REFERENCED STANDARD <sup>2</sup>              | CBC SECTION                    |
|--|--|-----------------------------|---|--------------------------------|
| 1. Inspect reinforcement, including prestressing tendons, and verify placement.  | -  | X                           | ACI 318: 20, 25.2, 25.3, 26.6.1-26.6.3        | 1908.4                         |
| 2. Reinforcing bar welding:<br>a. Verify weldability of reinforcing bars other than ASTM A706.<br>b. Inspect single-pass fillet welds, maximum 5/16", and<br>c. Inspect all other welds.   | -  | X                           | AWS D1.4<br>ACI 318: 26.6.4                   | -                              |
| 3. Inspect anchors cast in concrete.   | -  | X                           | ACI 318: 17.8.2                               | -                              |
| 4. Inspect anchors post-installed in hardened concrete members:<br>a. Adhesive anchors installed in horizontally or upwardly inclined orientations to resist sustained tension loads<br>b. Mechanical anchors and adhesive anchors not defined in 4.a. | X  | -                           | ACI 318: 17.8.2.4                             | -                              |
| 5. Verify use of required design mix.  | -  | X                           | ACI 318: 19, 26.4.3, 26.4.4                   | 1904.1, 1904.2, 1908.2, 1908.3 |
| 6. Prior to concrete placement, fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.  | X  | -                           | ASTM C172<br>ASTM C31<br>ACI 318: 26.5, 26.12 | 1908.10                        |
| 7. Inspect concrete and shotcrete placement for proper application techniques.   | X  | -                           | ACI 318: 26.5                                 | 1908.6, 1908.7, 1908.8         |
| 8. Verify maintenance of specified curing temperature and techniques.  | -  | X                           | ACI 318: 26.5.3-26.5.5                        | 1908.9                         |
| 9. Inspect prestressed concrete for:<br>a. Application of prestressing forces; and<br>b. Grouting of bonded prestressing tendons.  | X  | -                           | ACI 318: 26.10                                | -                              |
| 10. Inspect erection of precast concrete members.  | -  | X                           | ACI 318: 26.9                                 | -                              |
| 11. Verify in-situ concrete strength, prior to stressing of tendons in post-tensioned concrete and prior to removal of shores and forms from beams and structural slabs.   | -  | X                           | ACI 318: 26.11.2                              | -                              |
| 12. Inspect formwork for shape, location and dimensions of the concrete member being formed.   | -  | X                           | ACI 318: 26.11.1.2(b)                         | -                              |

1. Refer to CBC Section 202 for definition of continuous and periodic inspections.  
2. Where applicable, see also CBC Section 1705.12, Special inspections for seismic resistance.  
3. Specific requirements for special inspection shall be included in the research report for the anchor issued by an approved source in accordance with 17.8.2 in ACI 318, or other qualification procedures. Where specific requirements are not provided, special inspection requirements shall be specified by the registered design professional and shall be approved by the building official prior to the commencement of the work.

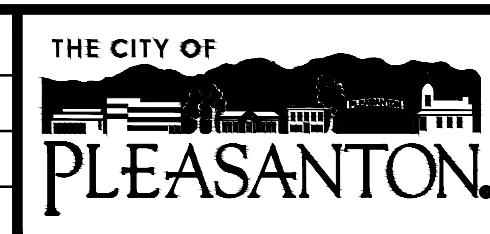
**SHEET INDEX**

|       |   |
|-------|---|
| S1.01 | GENERAL NOTES & STRUCTURAL SPECIFICATIONS |
| S2.01 | STRUCTURAL PLANS                          |
| S2.02 | STRUCTURAL PLANS                          |
| S3.01 | STRUCTURAL DETAILS                        |
| S3.02 | STRUCTURAL DETAILS                        |

**ABBREVIATIONS**

|        |                        |         |                            |
|--------|------------------------|---------|----------------------------|
| &      | AND                    | H.S.B.  | HIGH STRENGTH BOLTS        |
| @      | AT                     | H.M.    | HOLLOW METAL               |
| Ø      | DIAMETER               | HORIZ.  | HORIZONTAL                 |
| #      | NUMBER                 | I.D.    | INSIDE DIAMETER            |
| AB     | AGGREGATE BASE         | INT.    | INTERIOR                   |
| A.B.   | ANCHOR BOLT            | INV.    | INVERT                     |
| ARCH.  | ARCHITECT              | JST.    | JOIST                      |
| BM.    | BEAM                   | LOL     | LAYOUT LINE                |
| BRG.   | BEARING                | LDGR.   | LEDGER                     |
| BLKG.  | BLOCKING               | LL      | LIVE LOAD                  |
| BNDY.  | BOUNDARY               | LLH     | LONG LEG HORIZONTAL        |
| BOTT.  | BOTTOM                 | LLV     | LONG LEG VERTICAL          |
| BOW    | BOTTOM OF WALL         | LONGIT. | LONGITUDINAL               |
| CAM    | CAMBER UP              | MAX.    | MAXIMUM                    |
| C.J.   | CEILING JOIST          | M.B.    | MACHINE BOLTS              |
| CLG.   | CEILING                | MH      | MANHOLE                    |
| CL     | CENTERLINE             | MECH.   | MECHANICAL                 |
| CLR.   | CLEAR                  | MIN.    | MINIMUM                    |
| COL.   | COLUMN                 | (N)     | NEW                        |
| CONN.  | CONNECTION             | N/A     | NOT APPLICABLE             |
| CONC.  | CONCRETE               | NTS     | NOT TO SCALE               |
| CMU    | CONCRETE MASONRY UNIT  | O.C.    | ON CENTER                  |
| CONST. | CONSTRUCTION           | O.D.    | OUTSIDE DIAMETER           |
| CONT.  | CONTINUOUS             | O.H.    | OPPOSITE HAND              |
| DBL.   | DOUBLE                 | P.P.    | PARTIAL PENETRATION        |
| DIAG.  | DIAGONAL               | PL      | PLATE                      |
| DP.    | DEEP                   | RCB     | REINFORCED CONCRETE BOX    |
| DS     | DOWNSTREAM             | RCP     | REINFORCED CONCRETE PIPE   |
| DWGS.  | DRAWINGS               | REINF.  | REINFORCEMENT              |
| E.N.   | EDGE NAILING           | R.R.    | ROOF RAFTER                |
| ELEC.  | ELECTRICAL             | S.A.D.  | SEE ARCHITECTURAL DRAWINGS |
| EL.    | ELEVATION              | SHT.    | SHEET                      |
| ELEV.  | ELEVATION              | SHTG.   | SHEATHING                  |
| EMBED. | EMBEDMENT              | SIM.    | SIMILAR                    |
| EQ.    | EQUAL                  | S.O.G.  | SLAB ON GRADE              |
| (E)    | EXISTING               | SQ.     | SQUARE                     |
| EXT.   | EXTERIOR               | S.S.    | STAINLESS STEEL            |
| FG     | FINISHED GRADE         | STA.    | STATION                    |
| FLR.   | FLOOR                  | STD.    | STANDARD                   |
| FL.    | FLOWLINE               | THK.    | THICK                      |
| FND.   | FOUNDATION             | THD.    | THREADED                   |
| FTG.   | FOOTING                | T.O.C.  | TOP OF CONCRETE            |
| F.H.   | FULL HEIGHT            | T.O.S.  | TOP OF STEEL               |
| F.P.   | FULL PENETRATION       | TOW     | TOP OF WALL                |
| F.J.   | FLOOR JOIST            | T&B     | TOP & BOTTOM               |
| GAGE   | GAGE                   | TYP.    | TYPICAL                    |
| GALV.  | GALVANIZED             | U.N.O.  | UNLESS NOTED OTHERWISE     |
| G.S.M. | GALVANIZED SHEET METAL | US      | UPSTREAM                   |
| GMU    | GLASS MASONRY UNIT     | VERT.   | VERTICAL                   |
| HDR.   | HEADER                 | V.I.F.  | VERIFY IN FIELD            |
| HGRS.  | HANGERS                | WSEL    | WATER SURFACE ELEVATION    |

| REV. | DATE | DESCRIPTION |
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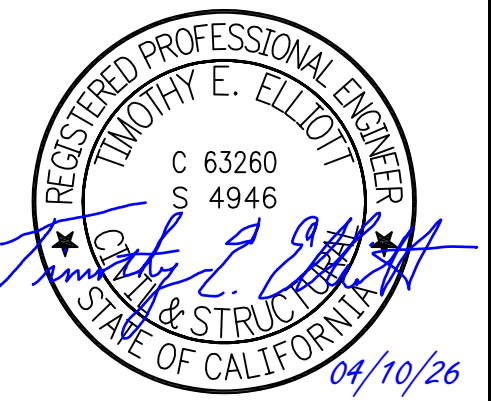


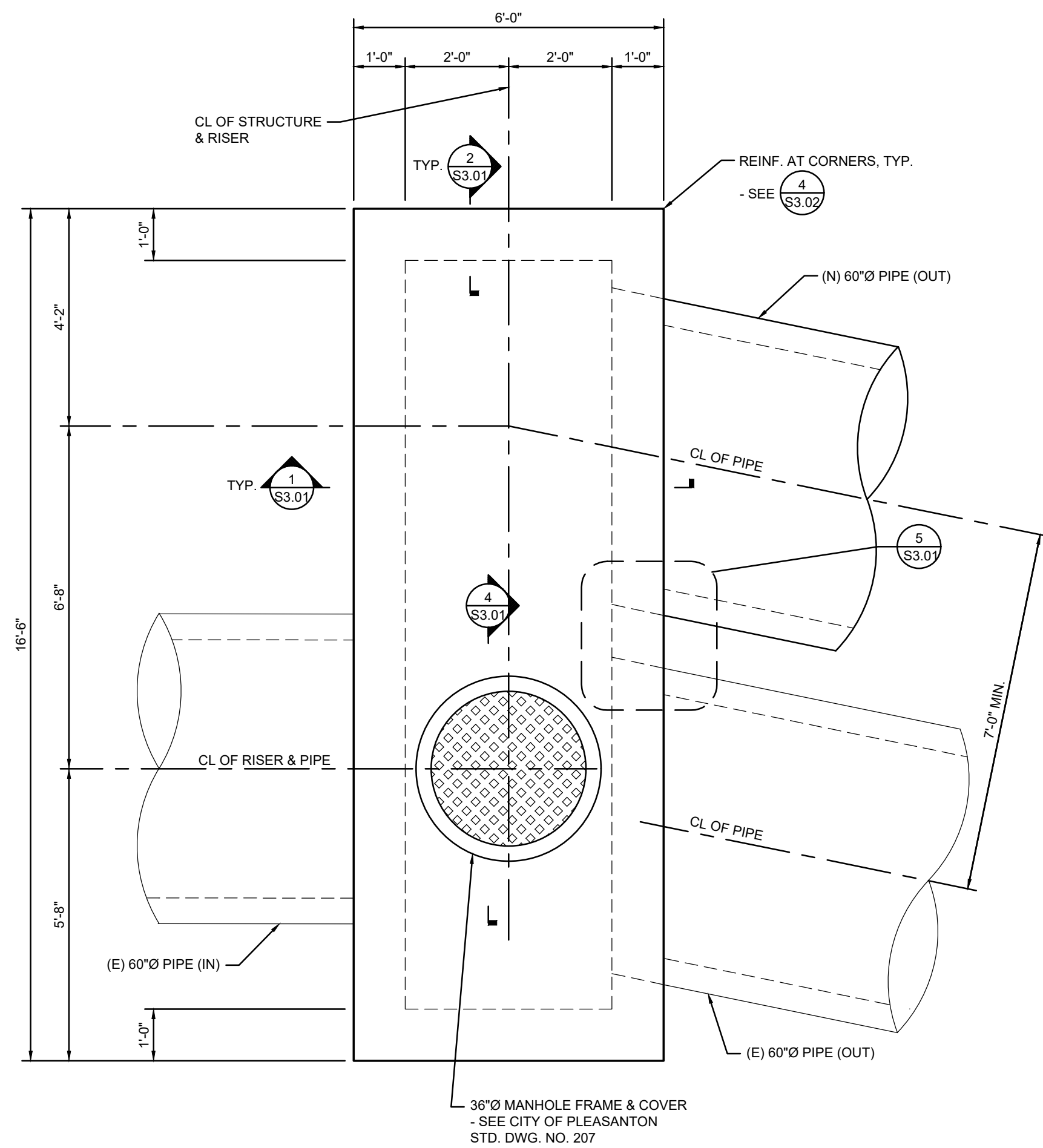
**CITY OF PLEASANTON**  
PUBLIC WORKS DEPARTMENT



**SYCAMORE ROAD & SUNOL BLVD STORM DRAIN IMPROVEMENTS**  
GENERAL NOTES & STRUCTURAL SPECIFICATIONS

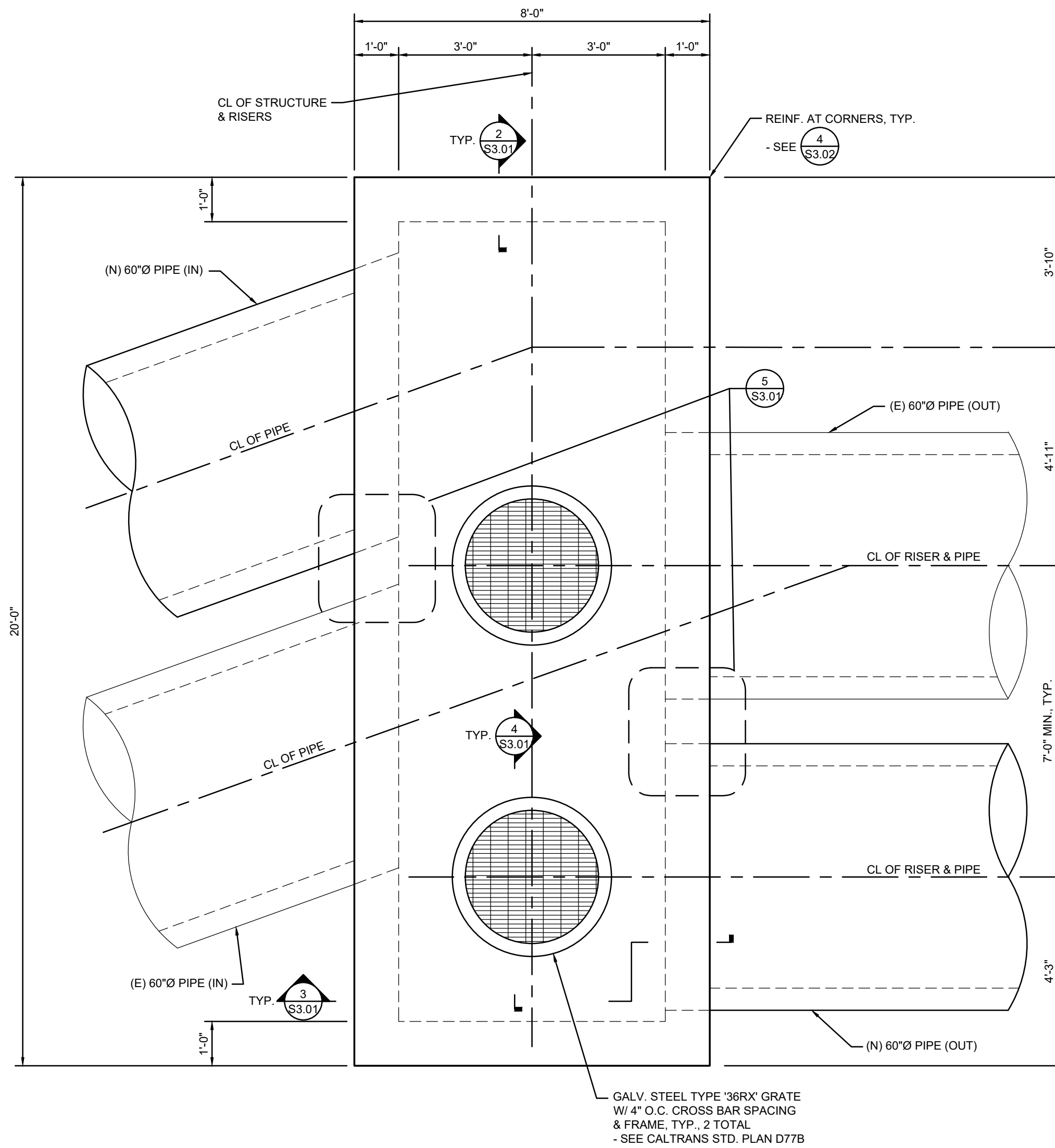
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| DESIGN:           | TEE | SCALE:       | AS SHOWN     | DWG NO. |       |
| DRAWN:            | LTT | PROJECT NO.: | 25-277       | S1.01   |       |
| CHECKED:          | JAF | DATE:        | APR 10, 2026 | 8       | OF 12 |
| TRAFFIC ENGINEER: |     |              |              |         |       |





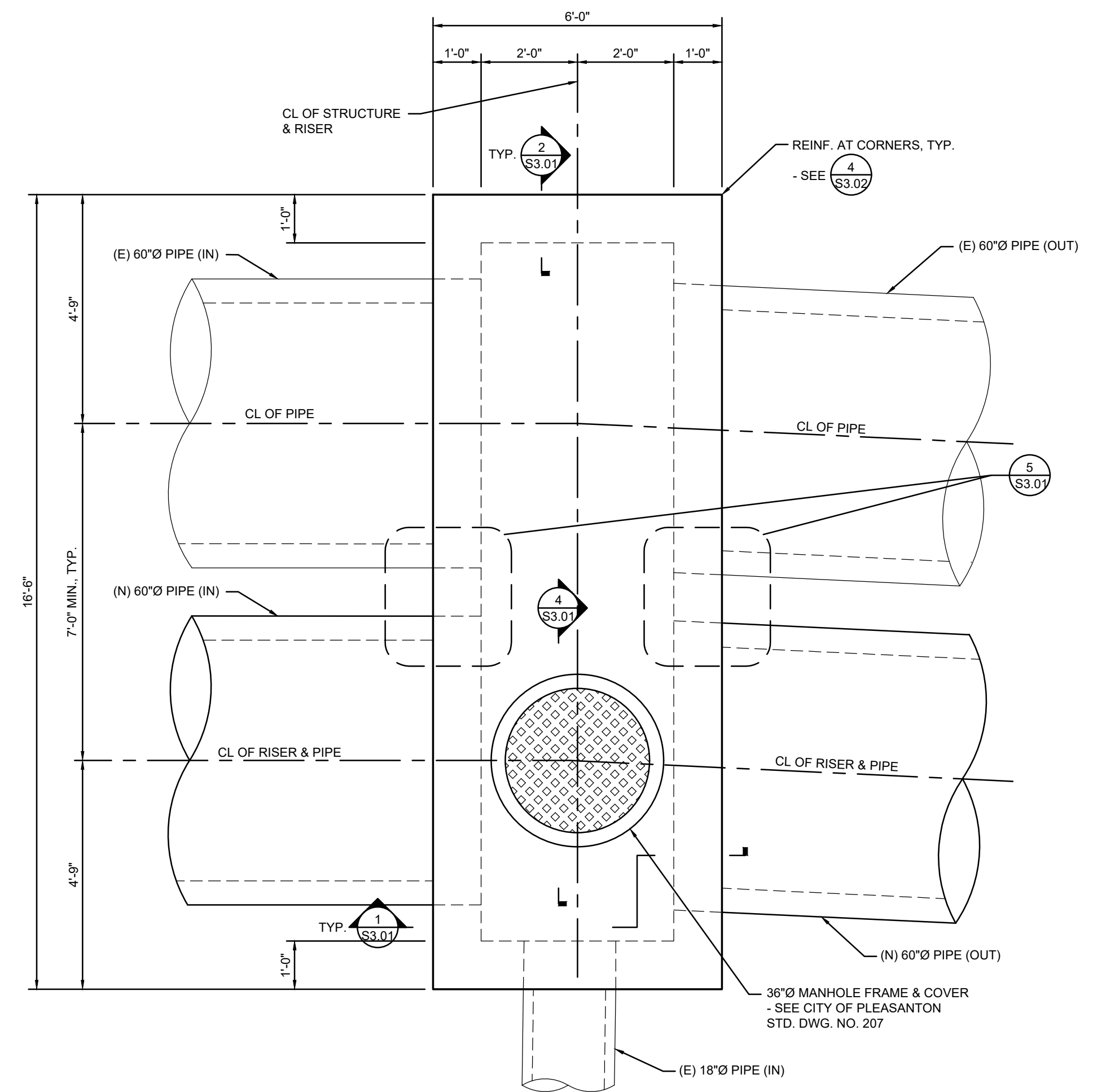
| TABLE OF ELEVATIONS       |           |
|---------------------------|-----------|
| LOCATION                  | ELEVATION |
| MANHOLE RIM               | 370.50    |
| TOP OF TOP SLAB           | 362.22    |
| (E) 60" PIPE (IN) INVERT  | 355.22±   |
| (E) 60" PIPE (OUT) INVERT | 355.22±   |
| (N) 60" PIPE (OUT) INVERT | 355.22    |
| TOP OF BOTTOM SLAB        | 355.22    |

SDMH #1 AT STATION 2+58.20  
1/2"=1'-0"



| TABLE OF ELEVATIONS       |           |
|---------------------------|-----------|
| LOCATION                  | ELEVATION |
| MANHOLE RIM               | 367.80    |
| TOP OF TOP SLAB           | 361.85    |
| (E) 60" PIPE (IN) INVERT  | 354.85±   |
| (E) 60" PIPE (OUT) INVERT | 354.85±   |
| (N) 60" PIPE (IN) INVERT  | 354.85    |
| (N) 60" PIPE (OUT) INVERT | 354.85    |
| TOP OF BOTTOM SLAB        | 354.85    |

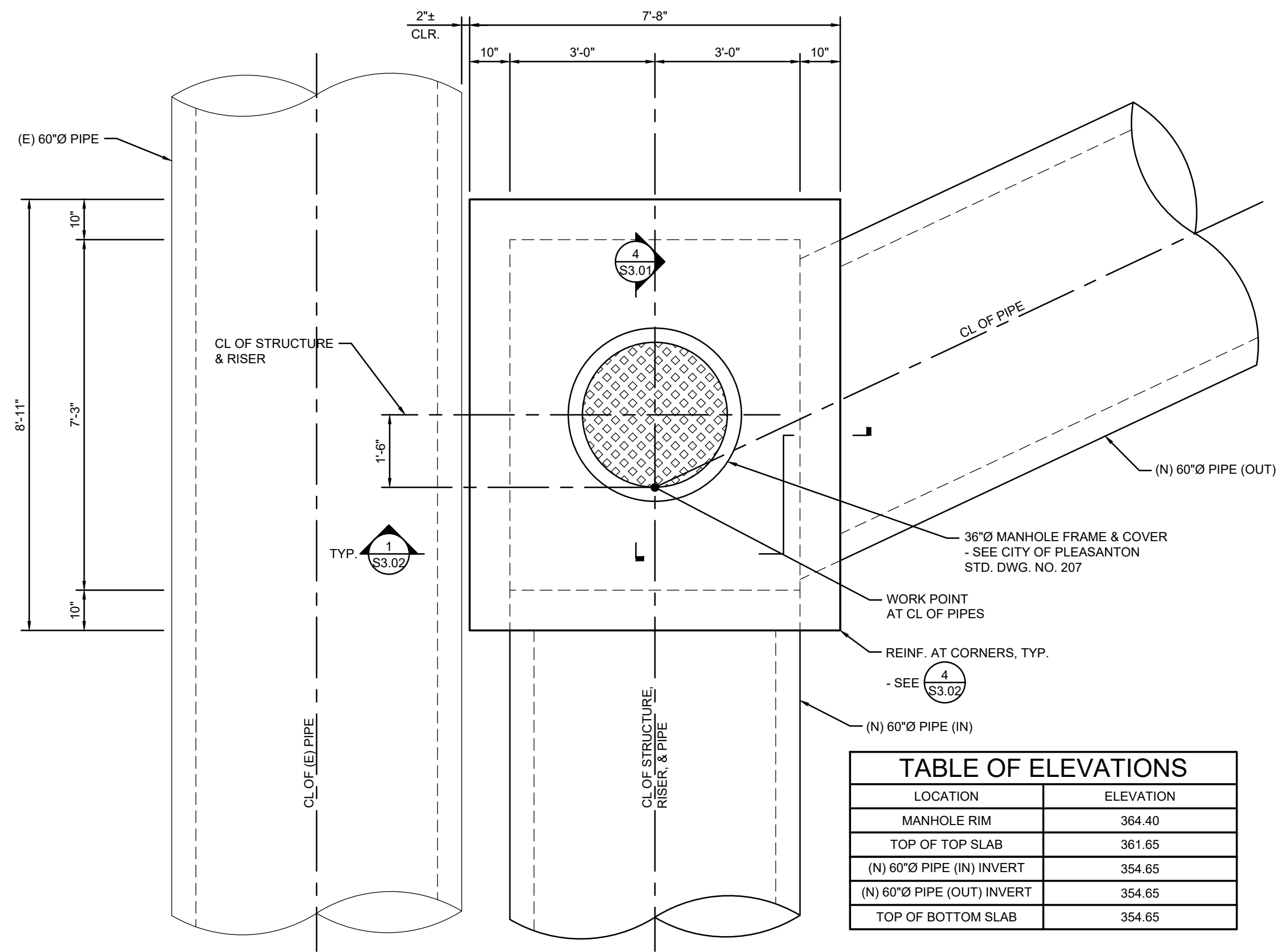
SWI #1 AT STATION 4+31.43  
1/2"=1'-0"



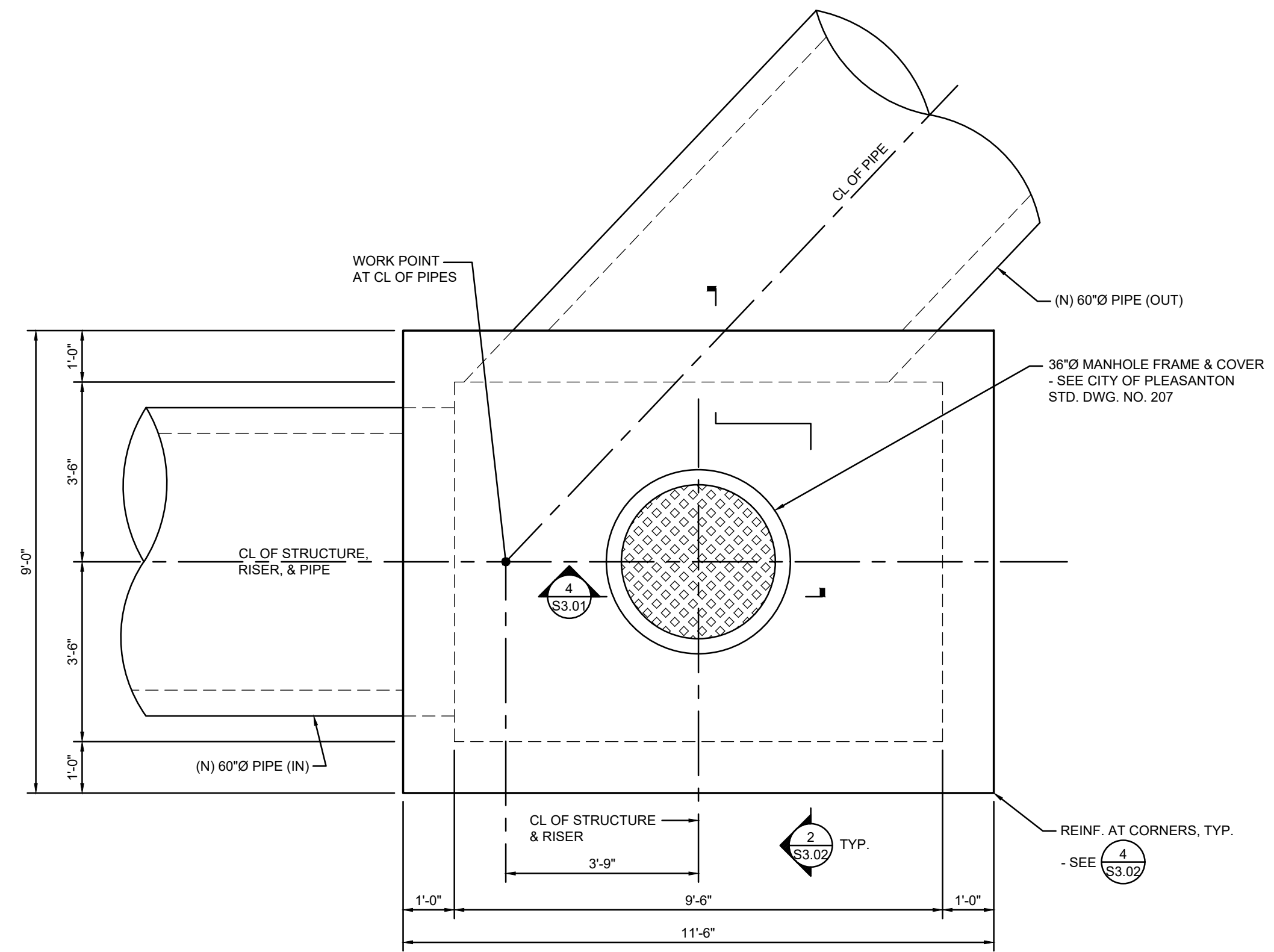
| TABLE OF ELEVATIONS       |           |
|---------------------------|-----------|
| LOCATION                  | ELEVATION |
| MANHOLE RIM               | 366.90    |
| TOP OF TOP SLAB           | 361.54    |
| (E) 18" PIPE (IN) INVERT  | 357.97±   |
| (N) 60" PIPE (IN) INVERT  | 354.78    |
| (N) 60" PIPE (OUT) INVERT | 354.78    |
| (E) 60" PIPE (IN) INVERT  | 354.54±   |
| (E) 60" PIPE (OUT) INVERT | 354.54±   |
| TOP OF BOTTOM SLAB        | 354.54    |

SDMH #2 AT STATION 5+10.42  
1/2"=1'-0"

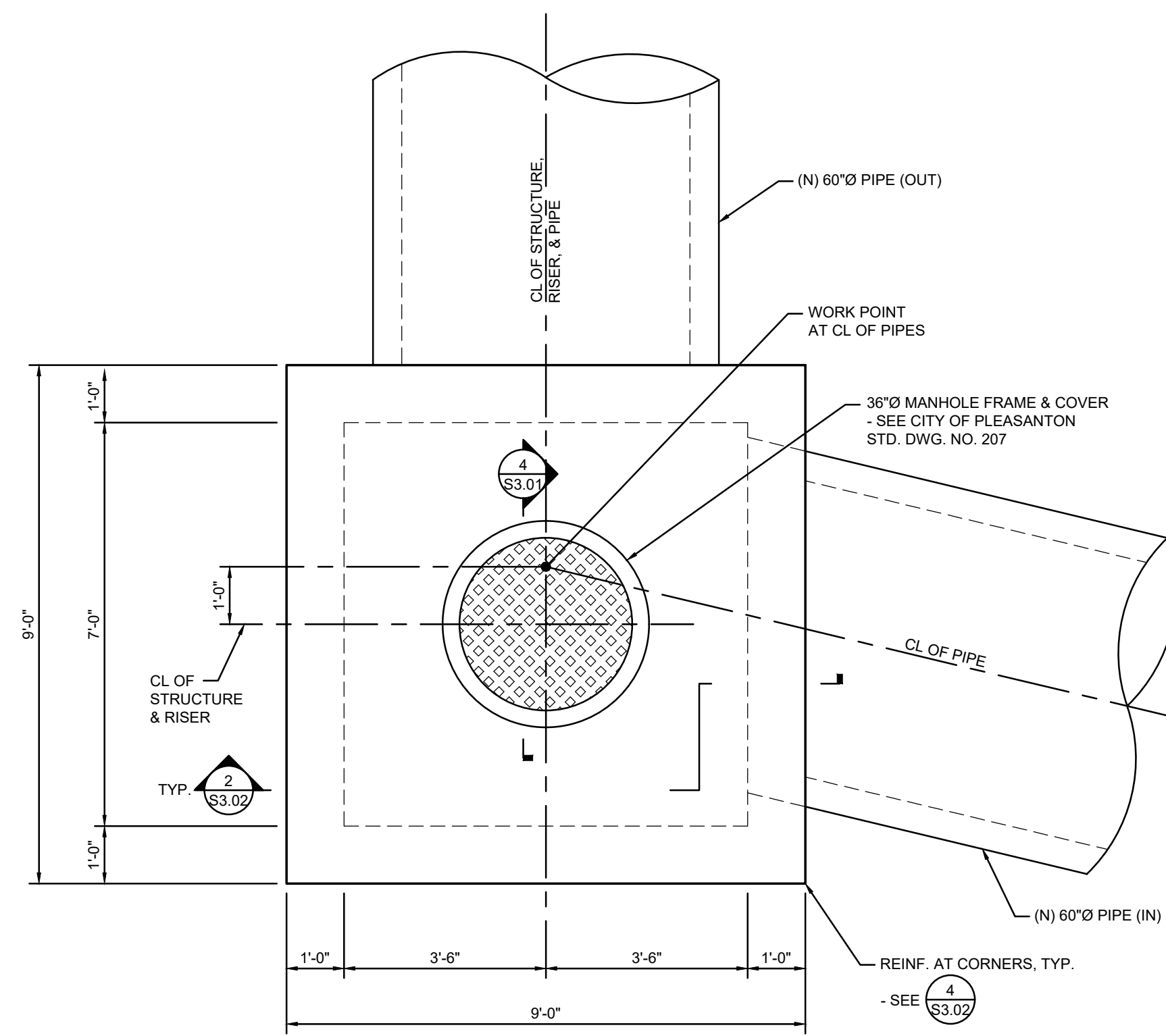




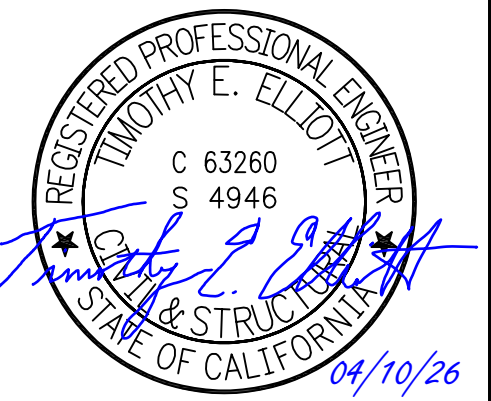
SDMH #3 AT STATION 6+73.84  
1/2"=1'-0"



SDMH #4 AT STATION 8+90.65 AND SDM#5 AT STATION 9+18.17  
1/2"=1'-0"



SDMH #7 AT STATION 12+24.08  
1/2"=1'-0"

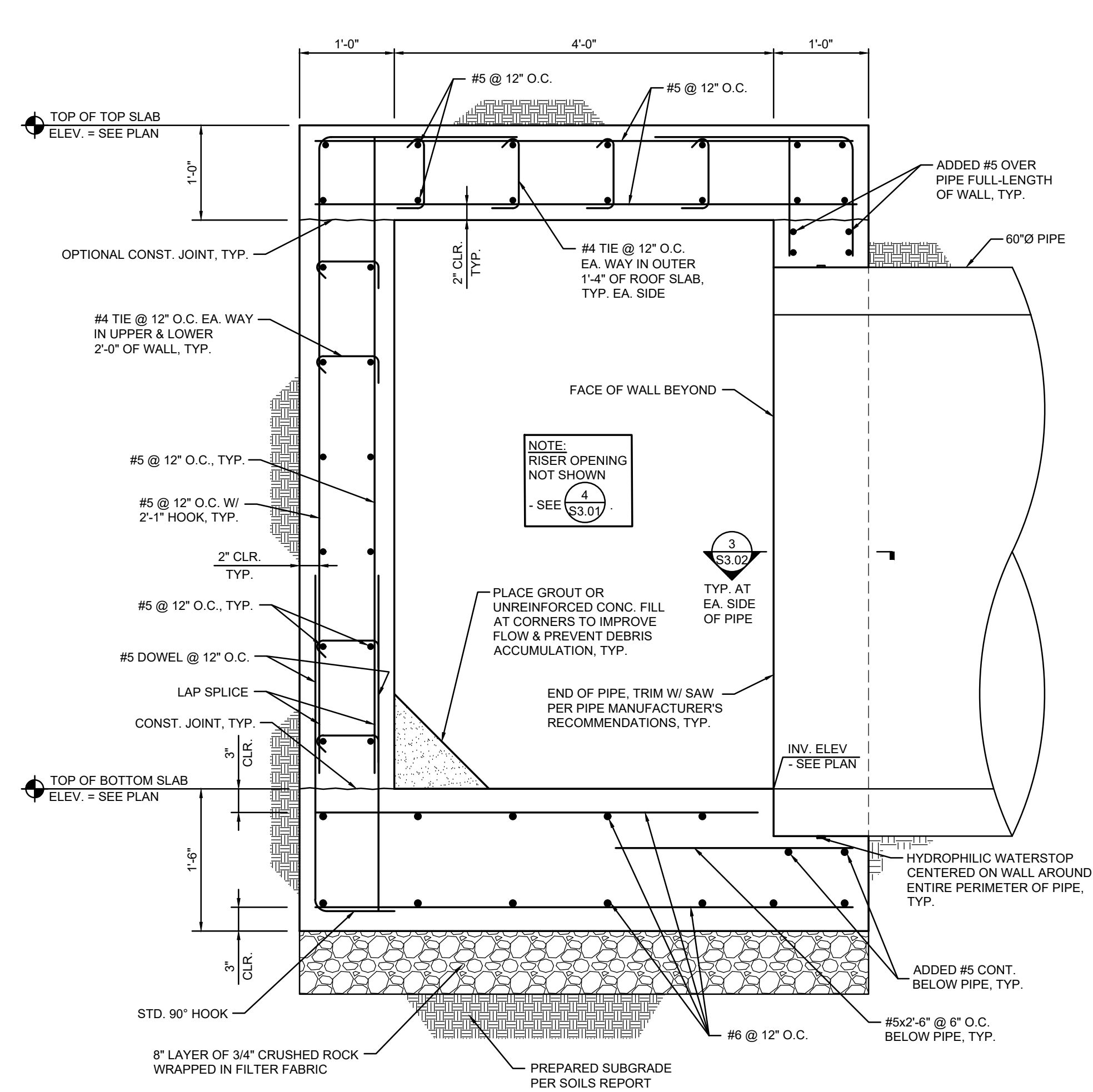


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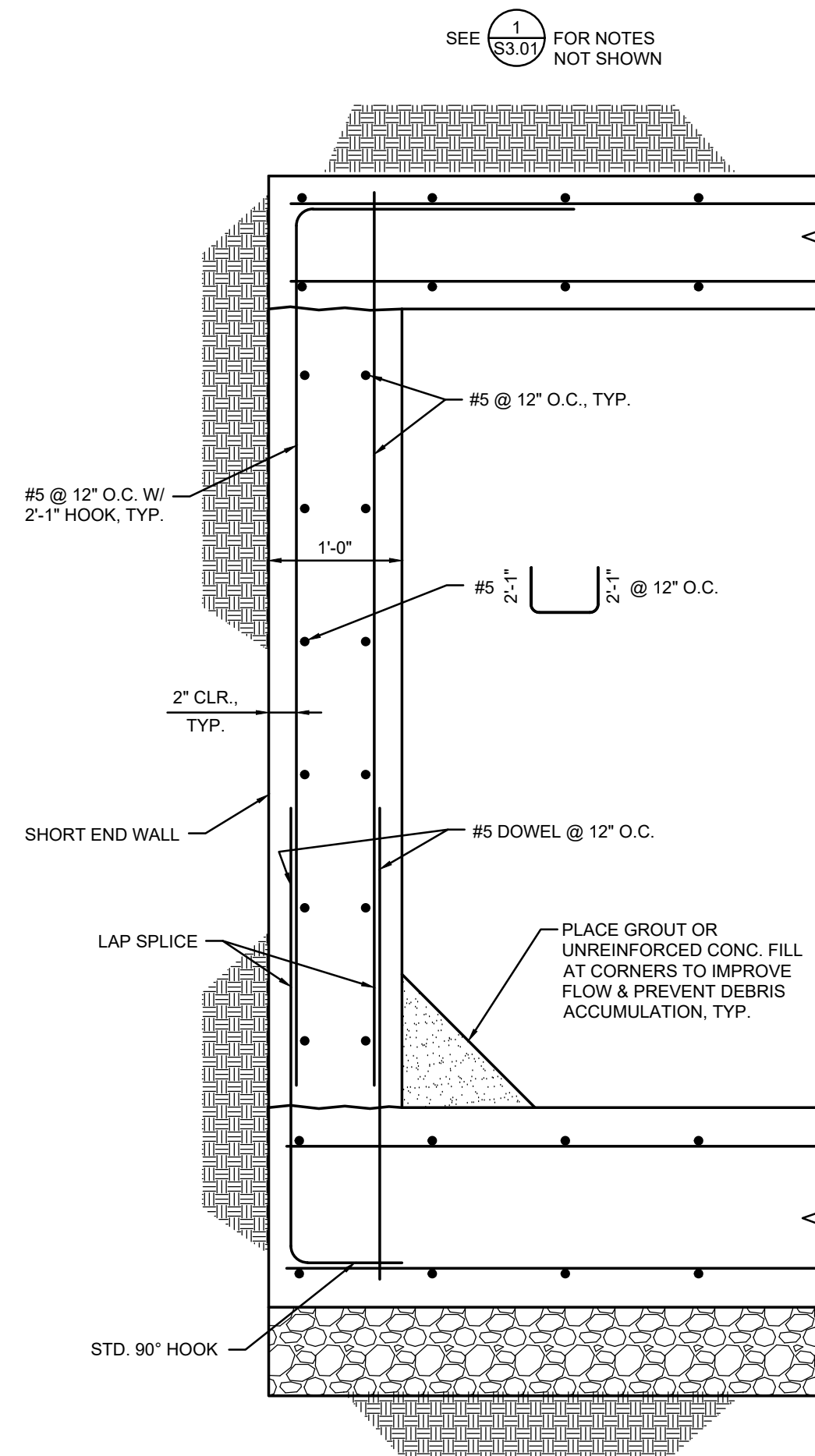


SYCAMORE ROAD & SUNOL BLVD STORM DRAIN IMPROVEMENTS  
STRUCTURAL PLANS

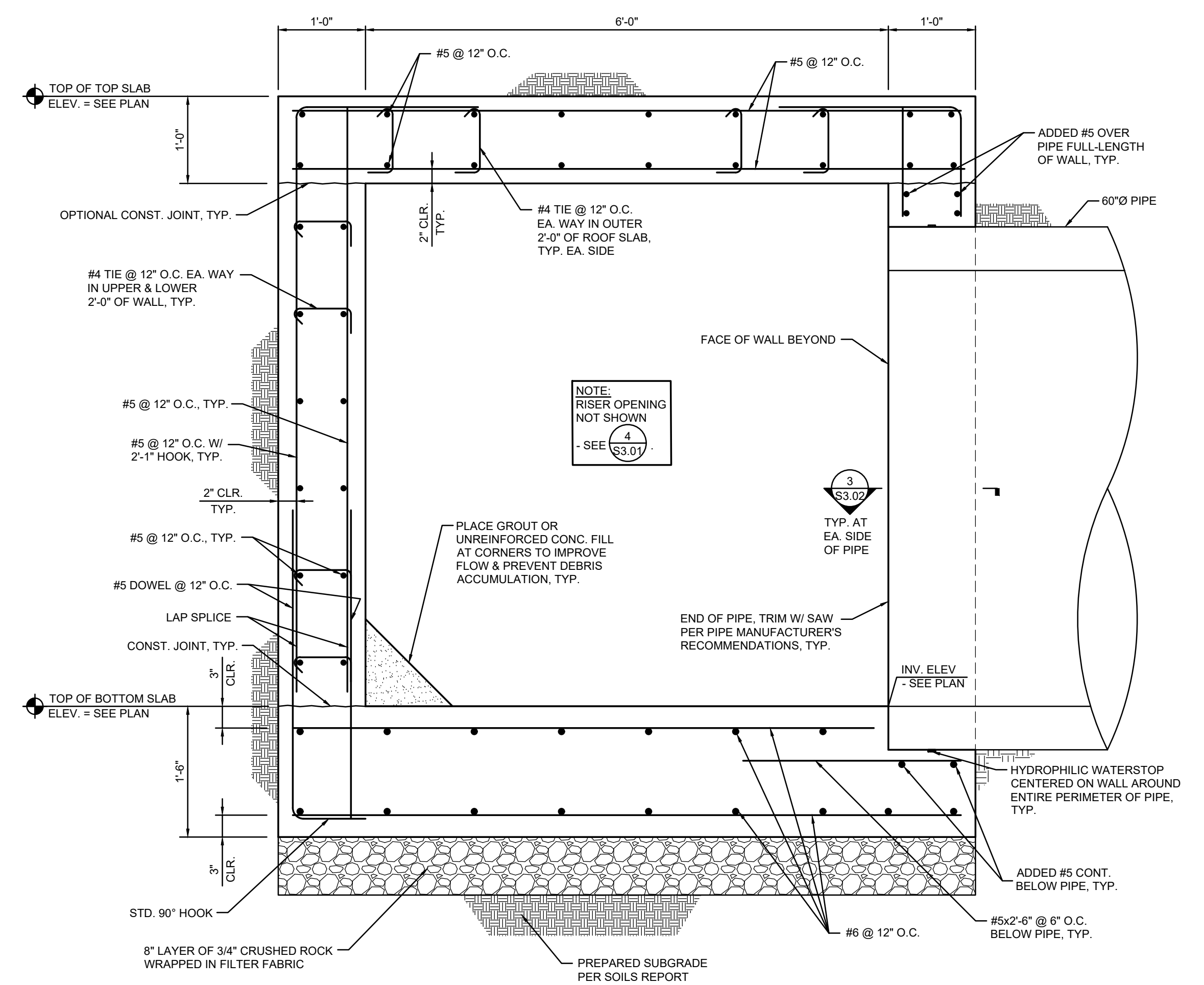
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| DESIGN:           | TEE | SCALE:       | AS SHOWN     | DWG NO. |          |
| DRAWN:            | LTT | PROJECT NO.: | 25-277       |         | S2.02    |
| CHECKED:          | JAF | DATE:        | APR 10, 2026 |         | 10 OF 12 |
| TRAFFIC ENGINEER: |     |              |              |         |          |



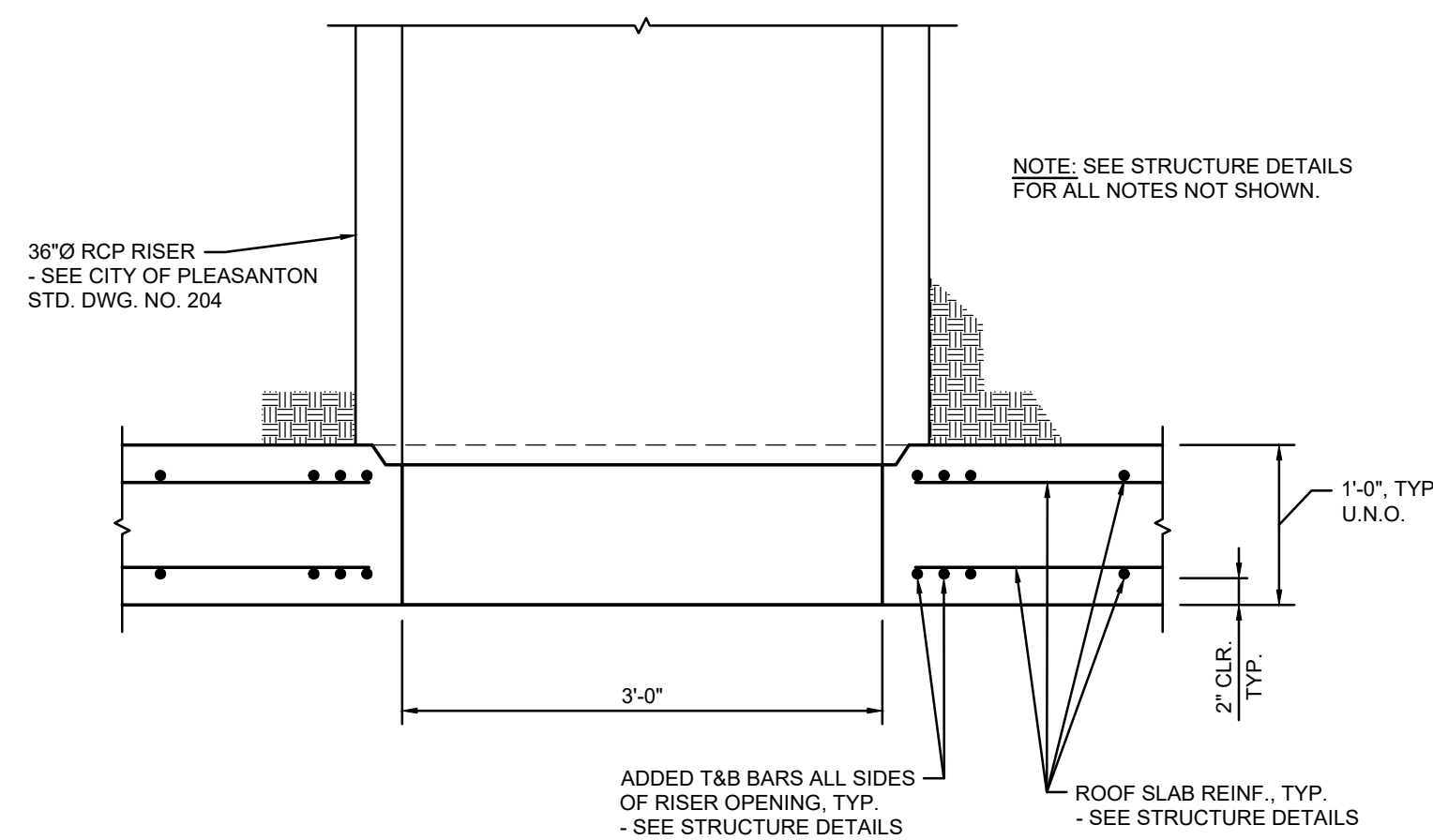
**1** DETAIL AT SDMH #1 AND #2  
S3.01 1"=1'-0"



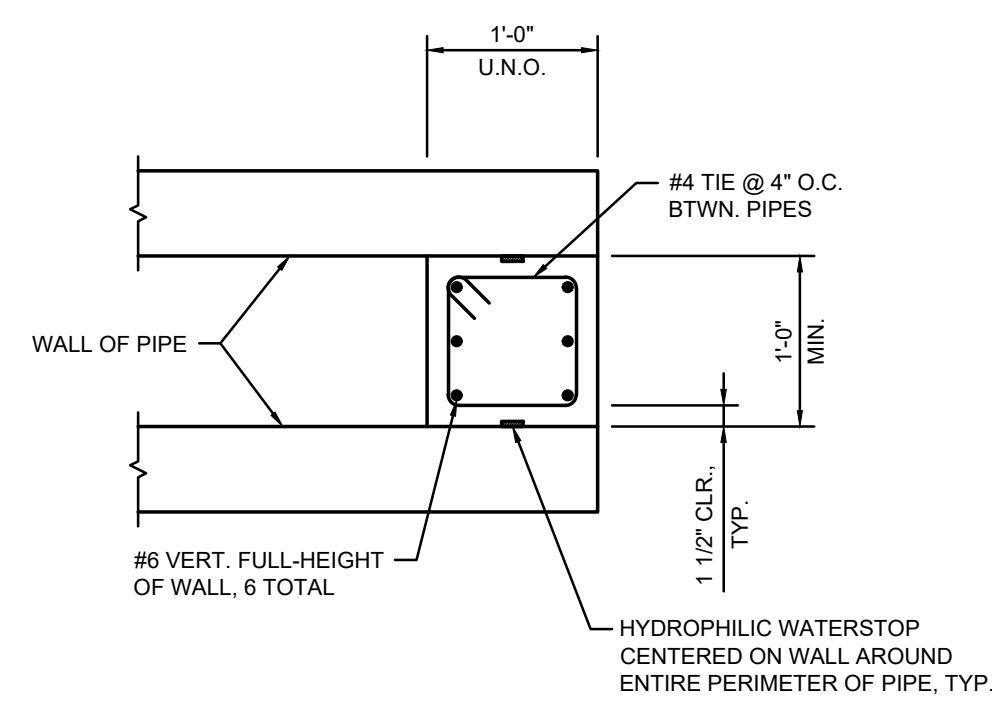
**2** DETAIL  
S3.01 1"=1'-0"



**3** DETAIL AT SWI #1  
S3.01 1"=1'-0"



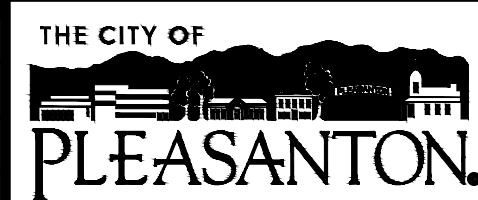
**4** DETAIL  
S3.01 1"=1'-0"



**5** DETAIL  
S3.01 1"=1'-0"



| REV. | DATE | DESCRIPTION |
|------|------|-------------|
|      |      |             |
|      |      |             |



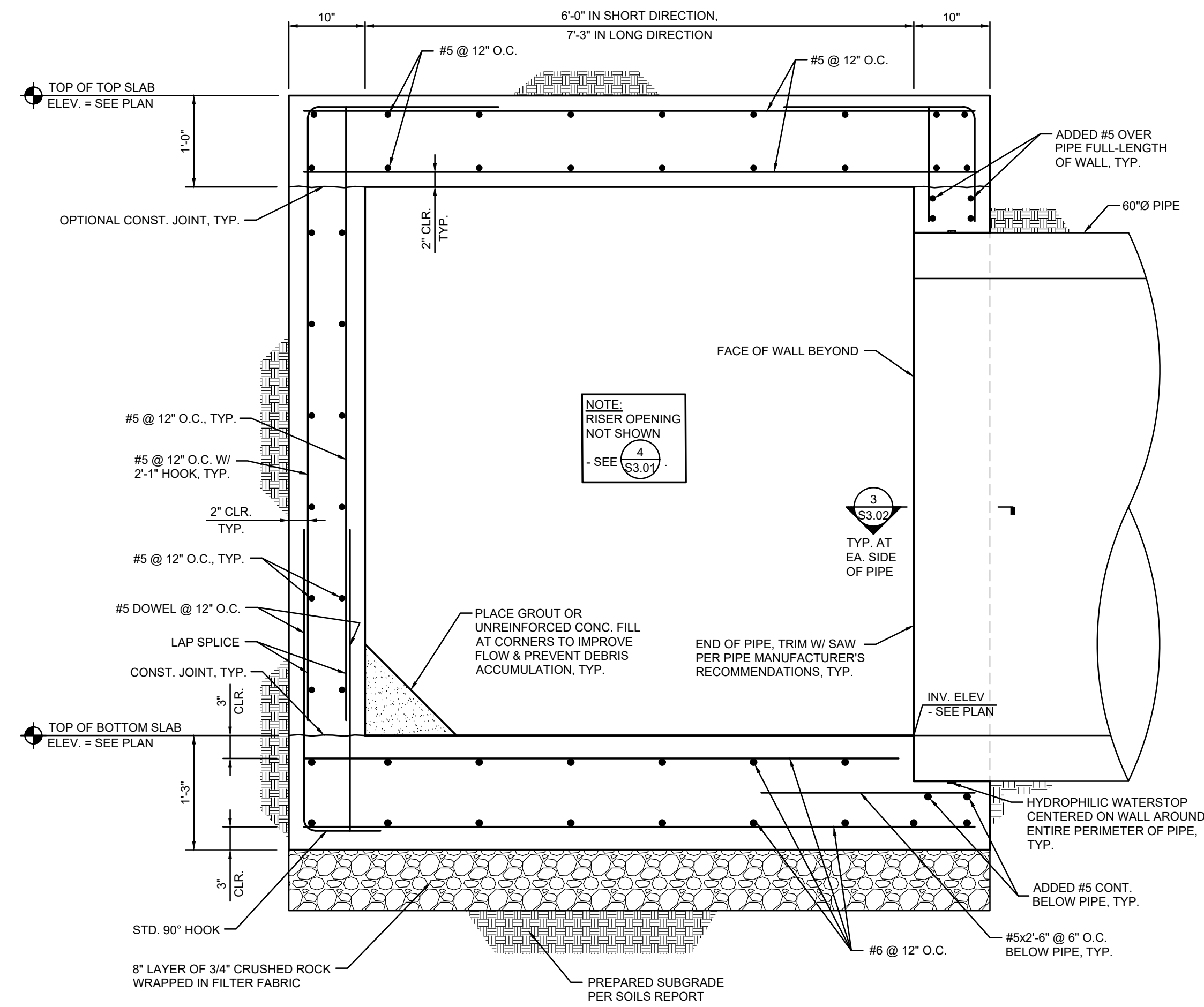
CITY OF PLEASANTON  
PUBLIC WORKS DEPARTMENT



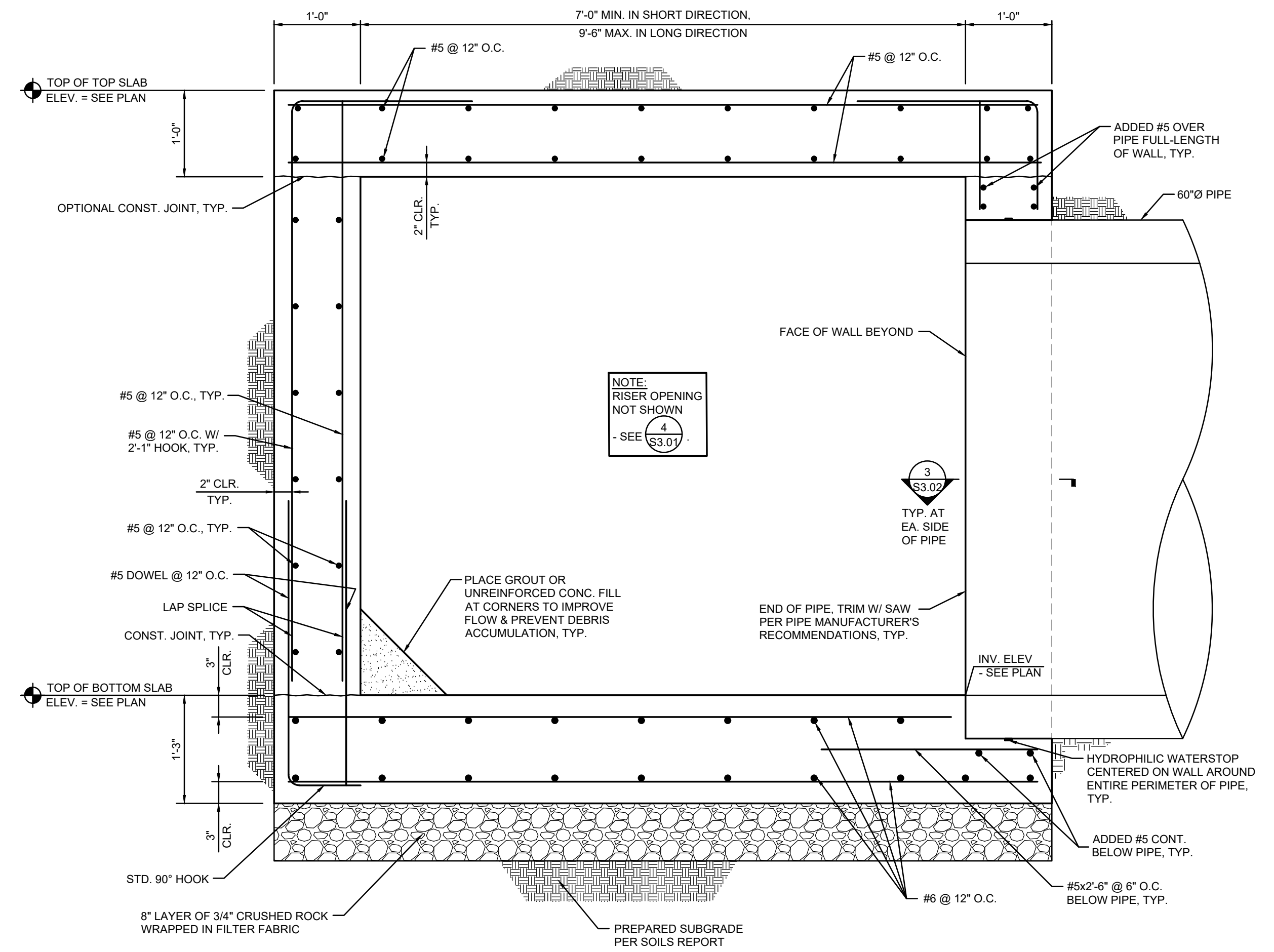
SYCAMORE ROAD & SUNOL BLVD STORM DRAIN IMPROVEMENTS

STRUCTURAL DETAILS

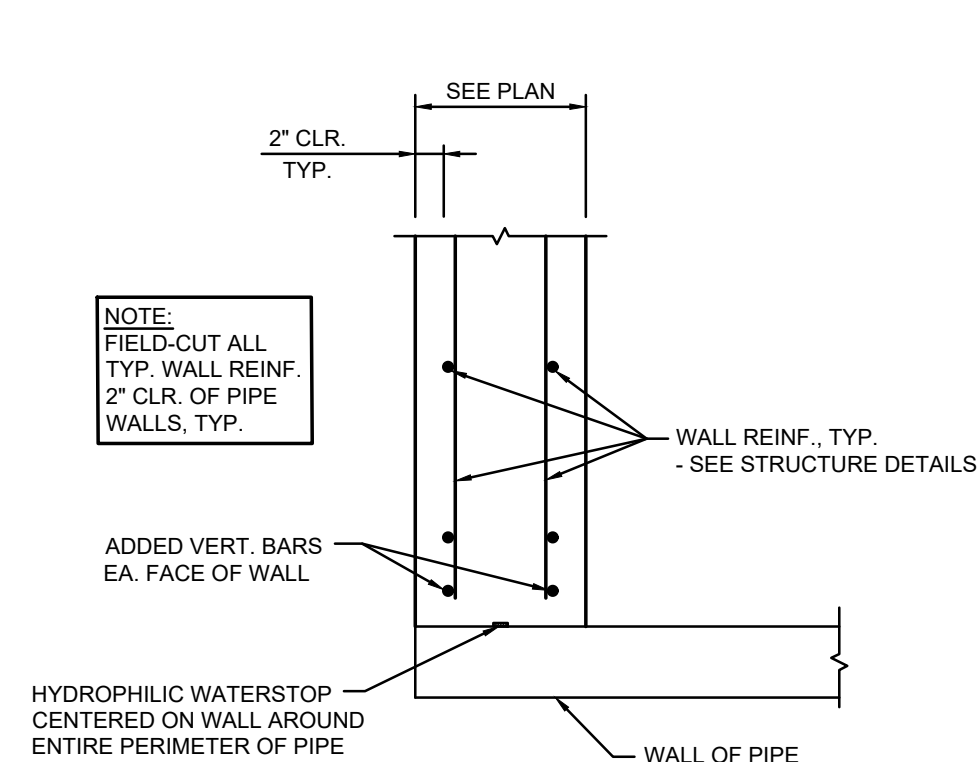
|                   |     |              |              |         |          |
|-------------------|-----|--------------|--------------|---------|----------|
| DESIGN:           | TEE | SCALE:       | AS SHOWN     | DWG NO. | S3.01    |
| DRAWN:            | LTT | PROJECT NO.: | 25-277       |         |          |
| CHECKED:          | JAF | DATE:        | APR 10, 2026 |         |          |
| TRAFFIC ENGINEER: |     |              |              |         | 11 OF 12 |



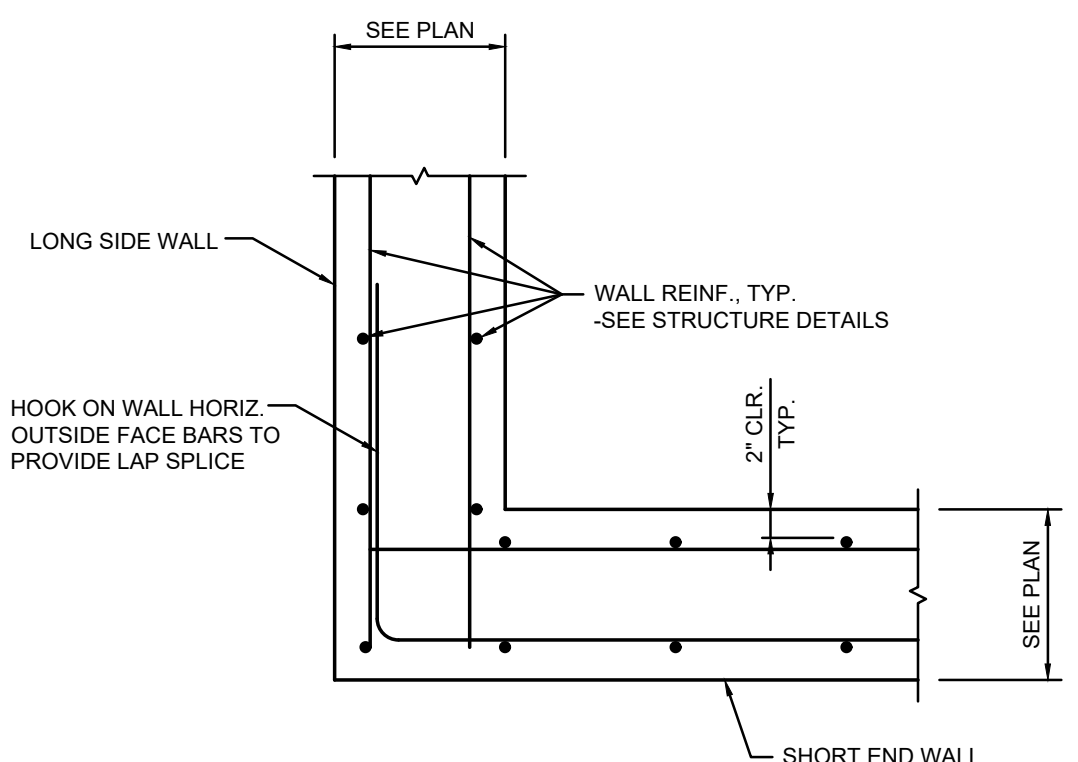
**1** DETAIL AT SDMH #3  
S3.02 1"=1'-0"



**2** DETAIL AT SDMH #4, #5 AND #7  
S3.02 1"=1'-0"



**3** DETAIL  
S3.02 1"=1'-0"



**4** DETAIL  
S3.02 1"=1'-0"



|      |      |             |  |                               |  |                   |                     |          |
|------|------|-------------|--|-------------------------------|--|-------------------|---------------------|----------|
| REV. | DATE | DESCRIPTION | <br><b>CITY OF PLEASANTON</b><br>PUBLIC WORKS DEPARTMENT | <br>408.957.9220 www.pase.com | <b>SYCAMORE ROAD &amp; SUNOL BLVD STORM DRAIN IMPROVEMENTS</b><br><br>STRUCTURAL DETAILS | DESIGN: TEE       | SCALE: AS SHOWN     | DWG NO.  |
|      |      |             |  |                               |  | DRAWN: LTT        | PROJECT NO.: 25-277 | S3.02    |
|      |      |             |  |                               |  | CHECKED: JAF      | DATE: APR 10, 2026  | 12 OF 12 |
|      |      |             |  |                               |  | TRAFFIC ENGINEER: |                     |          |