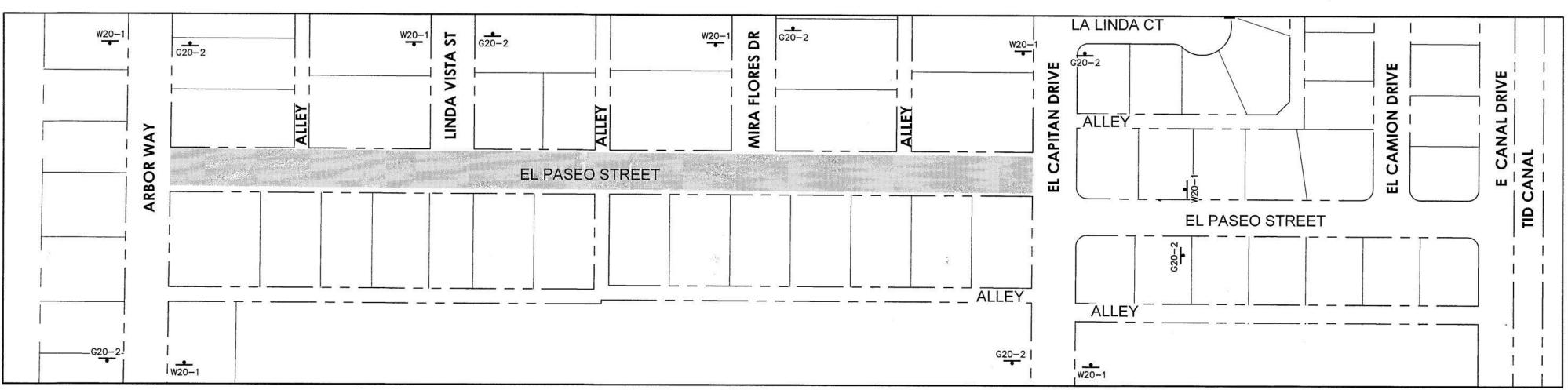
CITY OF TURLOCK

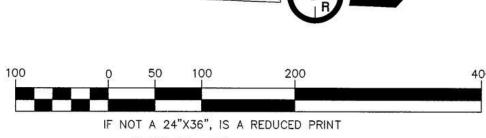
CITY PROJECT NO. 25-051

EL PASEO SANITARY SEWER MAIN REPLACEMENT

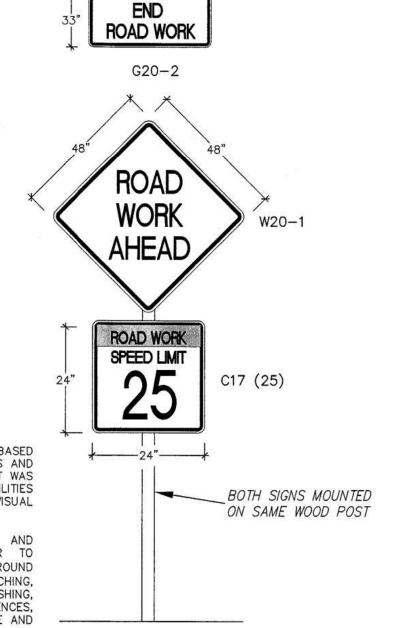
CITY OF TURLOCK, STANISLAUS COUNTY, CALIFORNIA



EL PASEO STREET SITE MAP



100	0	50	100	200	40
			"X36", IS A 1" = 100'	REDUCED PRINT	



EL PASEO STREET TOPOGRAPHIC AND DEMOLITION

SHEET INDEX **CAUTION:**

GDR ENGINEERING, INC. ENGINEERING/SURVEYING/PLANNING

JASON K

CHAPMAN

No. 66134

11/3/2025

DATE SIGNED:

E-MAIL: GDRENGINEERING@GDRENGR.COM

EL PASEO SANITARY SEWER MAIN REPLACEMENT **COVER SHEET**

DATE: 11/03/2025 FILE NO. 25050 DATE BY CHECKED:

APPROVED BY CITY OF TURLOCK

WILLIAM D MORRIS, RCE 55910

REVIEWED BY UTILITIES MANAGER

DATE: 11/4/25 CARLOS GUERRERO

UNDERGROUND FACILITIES SHOWN WERE LOCATED BASED ON INFORMATION PROVIDED BY UTILITY COMPANIES AND BY MEASURING SURFACE FEATURES. NO ATTEMPT WAS MADE TO LOCATE OTHER UNDERGROUND FACILITIES THAT WERE NOT READILY APPARENT FROM A VISUAL INSPECTION OF SURFACE FEATURES.

CONTRACTOR SHALL VERIFY ACTUAL DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION....CALL 811 TO CONTACT "UNDERGROUND SERVICE ALERT" (U.S.A.) PRIOR TO TRENCHING, GRADING, EXCAVATION, DRILLING, PIPE PUSHING, PLANTING TREES, DIGGING POST HOLES FOR FENCES, ETC. U.S.A. WILL SUPPLY INFORMATION OR LOCATE AND MARK ANY UNDERGROUND FACILITIES.

GAS LINE SAWCUT LINE FIRE HYDRANT MANHOLE WATER METER DRAIN INLET CLEANOUT SIGN

VICINITY MAP

LEGEND

AMERICAN SOCIETY FOR TESTING AND MATERIALS

CALIFORNIA STORMWATER QUALITY ASSOCIATION

ASPHALTIC CONCRETE ASSESSORS PARCEL NUMBER

BAST MANAGEMENT PRACTICES

CENTER LINE

DRAIN INLET

ELECTRICAL EXISTING GROUND

ET CETERA

FLOW LINE

IRRIGATION

LINEAR FEET

NOT TO SCALE

LATERAL

MANHOLE

OVERHEAD

POWER POLE

SLOPE EQUALS

STORM DRAIN

SERVICE POLE

TELEPHONE

TYPICAL

TOP OF CURB

VALLEY GUTTER

WATER METER

POLYVINYL CHLORIDE

REMOVE AND DISPOSE

REMOVE AND REPLACE

STORM DRAIN MANHOLE

SANITARY SEWER MANHOLE

UNDERGROUND SERVICE ALERT

INVERT

EDGE OF PAVEMENT

FURNISH AND INSTALL

ASTM

BMP CASQA

F & I

R & R

ELECTROLIER POWER POLE SERVICE POLE GUY ANCHOR

MONUMENT WELL

CALIFORNIA STATE UNIVERSITY, EMAIL: DELINEATION MAPREQUESTS @ PGE. COM STANISLAUS ATTN: STEVE OLSON ONE UNIVERSITY CIRCLE TURLOCK, CA 95382

PHONE: (209) 667-3114 SOLSON@CSUSTAN.EDU FOR EXISTING UNDERGROUND UNDERGROUND SERVICE ALERT (USA) PHONE: 811 TO LOCATE EXISTING UNDERGROUND

CITY OF TURLOCK MUNICIPAL SERVICES DEPARTMENT PHONE: (209) 668-5590 FOR EXISTING UNDERGROUND SEWER, WATER AND STORM DRAINAGE

FIRE DEPARTMENT TURLOCK IRRIGATION DISTRICT (209) 668-5580 PHONE: (209) 883-8384 FOR EXISTING UNDERGROUND AMBULANCE IRRIGATION FACILITIES (209) 632 - 2271

TURLOCK UNIFIED SCHOOL DISTRICT ATTN: SCOTT RICHARDSON 1574 E CANAL DRIVE TURLOCK, CA 95380 PHONE: (209) 667-0578 SRICHARDSON@TURLOCK.K12.CA.US

PACIFIC GAS & ELECTRIC COMPANY

PHONE: (209) 576-6609

PHONE: (209) 549-5808

PHONE: (209) 656-2124

TURLOCK IRRIGATION DISTRICT

FOR EXISTING UNDERGROUND

PHONE: (209) 883-8464

ELECTRICAL LINES

FOR EXISTING UNDERGROUND CABLE

TELEPHONE LINES

CHARTER SPECTRUM

TELEVISION

UTILITY CONTACTS FOR CONSTRUCITON

- COVER SHEET GENERAL NOTES
- EL PASEO STREET PLAN AND PROFILE 5. EL PASEO STREET PLAN AND PROFILE
- 6. CITY STANDARD DETAILS SHEET

DATE: 11/04/2025

UNAUTHORIZED CHANGES AND USES THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY

THE PREPARER OF THESE PLANS AND THE CITY ENGINEER.

DESCRIPTION

3525 MITCHELL ROAD, SUITE G CERES, CA 95307 TELEPHONE: (209) 538-3360 FAX: (209) 538-7370

ABBREVIATIONS

CITY OF TURLOCK - CP 25-051

SCALE: AS NOTED DWG NO. 25050DSGN-CP 25-051.dwg LAYOUT 1-CVR

APPROVAL OF THESE PLANS DOES NOT RELEASE THE CONTRACTOR FROM RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS OR OMISSIONS CONTAINED THERE IN. IF DURING THE COURSE OF CONSTRUCTION THE PUBLIC INTEREST REQUIRES A MODIFICATION OR A DEPARTURE FROM THE CITY SPECIFICATIONS, OR THE APPROVED PLANS. THE CITY SHALL HAVE THE AUTHORITY TO REQUIRE SUCH MODIFICATION OR DEPARTURE, AND TO SPECIFY

THE MANNER IN WHICH THE SAME IS MADE.

ALL REVISIONS TO THIS PLAN MUST BE REVIEWED BY THE CITY ENGINEER PRIOR TO CONSTRUCTION AND SHALL BE ACCURATELY SHOWN IN REVISED PLANS STAMPED AND SIGNED BY THE CITY PRIOR TO THE INSTALLATION OF THE IMPROVEMENTS.

REQUIRED BY CONDITIONS DISCOVERED IN THE FIELD DURING THE COURSE OF CONSTRUCTION.

- 3. THE IMPROVEMENTS ARE SUBJECT TO THE INSPECTION AND APPROVAL OF CITY OF TURLOCK ENGINEERING. CONTACT ENGINEERING DIVISION AT LEAST TWO (2) WORKING DAYS PRIOR TO START ANY WORK TO ARRANGE FOR INSPECTION.
- 4. NOTIFY UNDERGROUND SERVICE ALERT (USA) 811 AT LEAST TWO (2) WORKING DAYS PRIOR TO EXCAVATION.
- 5. IF NECESSARY TO CONFIRM FIELD LOCATIONS OF FACILITIES, EXPLORATORY TRENCHING OR POTHOLING SHALL BE DONE AT THE EXPENSE OF CONTRACTOR.
- 6. IF A CONFLICT OCCURS BETWEEN THE CITY OF TURLOCK IMPROVEMENT STANDARDS AND THE RECOMMENDATIONS BY THE DESIGN ENGINEER AND/OR SOILS ENGINEER, THE MORE STRINGENT SHALL APPLY AS DIRECTED BY THE CITY ENGINEER.
- 7. EXISTING UTILITIES SHALL NOT BE INTERRUPTED UNTIL THE UTILITY COMPANY HAS PROVIDED ALTERNATIVE SERVICE FACILITIES. THE CONTRACTOR SHALL COOPERATE AND COORDINATE HIS WORK WITH APPROPRIATE AGENCIES AND UTILITY COMPANIES.
- FINAL PAVEMENT WORK SHALL NOT OCCUR WITHIN THE CITY RIGHT-OF-WAY PRIOR TO COMPLETION OF UTILITY RELOCATION WITHOUT THE SPECIFIC APPROVAL OF THE CITY
- ALL CONSTRUCTION STAKING WATER LINES, FIRE HYDRANTS ETC. SHALL BE DONE BY

REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR.

- 10. ALL AREA UNDERGOING CONSTRUCTION ACTIVITIES SHALL BE WATERED, OR OTHER DUST-PALLIATIVE MEASURES USED, TO PREVENT DUST, AS CONDITIONS WARRANT. WATER TRUCKS SHALL BE AVAILABLE AT ALL TIMES.
- 11. PRIOR TO RECEIVING/TAKING ANY WATER FROM THE CITY OF TURLOCK WATER SYSTEM THE CONTRACTOR SHALL ACQUIRE A CITY WATER METER OR CITY FIRE HYDRANT METER PER THE SPECIAL PROVISIONS. ALL WATER USAGE SHALL BE METERED.
- 12. ANY DAMAGE CAUSED BY TRENCHING TO EXISTING UNDERGROUND UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPLACED AT HIS/HER EXPENSE.
- 13. TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE CITY OF TURLOCK ENGINEERING DIVISION FOR APPROVAL PER THE SPECIAL PROVISIONS.
- 14. ANY STREET MONUMENTS, LOT CORNER, BENCHMARKS AND OTHER PERMANENT PIPE OR MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE REPLACED BY THE LICENSED LAND SURVEYOR.
- 15. EROSION CONTROL PLAN MUST BE PREPARED CONSISTENT TO CITY STANDARDS.
- 16. DISPOSAL OF WATER TO CITY SANITARY SEWER SYSTEM IS PROHIBITED.
- 17. THE MANNER OF BRACING AND SHORING EXCAVATIONS SHALL BE AS SET FORTH IN THE RULES, ORDERS AND REGULATIONS OF THE STATE OF CALIFORNIA CONSTRUCTION SAFETY ORDERS, DIVISION OF INDUSTRIAL SAFETY.
- 18. PRIOR TO BEGIN WORK, CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY OF TURLOCK.

CONSTRUCTION NOTES AND SPECIFICATIONS

- EXISTING SEWER LINES THAT ARE TO BE EXTENDED SHALL BE EXPOSED, AND ELEVATION CHECKED BEFORE EXTENSIONS. SEWER MAINS SHALL BE INSTALLED FROM EXISTING FACILITIES UPSTREAM TO THE END OF THE LINE.
- POTHOLE SEWER AT PROPERTY LINE AND ALL UTILITIES THAT MAY CONFLICT WITH MAIN LINE AND LATERAL INSTALLATION. PROVIDE ALL POTHOLE INFORMATION TO THE CITY WITHIN FIVE (5) WORKING DAYS PRIOR TO STARTING EXCAVATION AND NOTIFY IF THERE ARE ANY CONFLICTS.
- 3. AFTER POTHOLING SEWER LATERAL AT PROPERTY LINE, INSTALL SEWER WYE AT A 90 DEGREE ANGLE TO THE SERVICE PER CITY STANDARDS. EXISTING LATERALS MAY NOT BE AT A 90 DEGREE BUT ANGLED TO THE EXISTING MAIN.
- 4. ALL SANITARY SEWER CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF TURLOCK STANDARD SECTION 16. MAIN LINES AND LATERALS SHALL BE TESTED FOR LEAKAGE. CLEAN AND FLUSHED, CCTV INSPECTION PER SECTION 16.
- ALL SANITARY SEWER CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF THE STATE HEALTH DEPARTMENT. WHERE SANITARY SEWER SERVICES & LATERALS CROSS ABOVE WATER MAINS. A 20' MINIMUM SECTION OF PVC "C900-07; PRESSURE CLASS 305, DR 14", SECTION SHALL BE CENTERED ON THE WATER MAIN.
- SEWER CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES, AND WILL BE RESPONSIBLE FOR THE PROTECTION OF SAME.
- 7. SEWER CONTRACTOR SHALL SET MANHOLE CASTING AND COVERS (SEE CITY OF TURLOCK STANDARD DRAWING S-3) TO FINISH GRADE AFTER STREET IMPROVEMENTS ARE COMPLETE AND SHALL BE RESPONSIBLE FOR LOCATION OF MANHOLES BENEATH THE FINISH PAVEMENT.
- 8. THE LETTER "S" SHALL BE STAMPED IN FACE OF CURB WHERE SEWER SERVICE CROSSES.
- 9. SERVICE LATERALS SHALL BE 4" (SDR 26) & INSTALLED AS PER CITY OF TURLOCK STANDARD SPECIFICATION DRAWING S-7.

<u>SURVEYING</u>

- 1. CITY BENCHMARK: 23-4-5; U S C & G S BRASS PLUG D942 SOUTH WEST CORNER OF IRRIGATION BOX, SOUTH WEST CORNER OF EAST AVENUE AND BERKELEY AVENUE. ELEVATION: 108.932
- THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCHMARKS. CONTROL POINTS, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
- THESE PLANS HAVE BEEN PREPARED WITH THE INTENT THAT GDR ENGINEERING, INC. WILL BE PERFORMING THE CONSTRUCTION STAKING FOR THE PROJECT. IF GDR ENGINEERING, INC. DOES NOT PERFORM SUCH STAKING, THEN NOTICE IS HEREBY GIVEN THAT GDR ENGINEERING, INC. WILL NOT ASSUME RESPONSIBILITY FOR ERRORS AND OMISSIONS, IF ANY, WHICH COULD HAVE BEEN AVOIDED, CORRECTED OR OTHERWISE RESOLVED HAD GDR ENGINEERING, INC. PERFORMED THE CONSTRUCTION STAKING FOR THE PROJECT.

- 1. DUST CONTROL MEASURES SHALL INCLUDE THE FOLLOWING:
- A. THE CONTRACTOR IS RESPONSIBLE TO FOLLOW THE (CASQA) BMP'S ASSOCIATED WITH THIS
- B. THE CONTRACTOR SHALL OBTAIN A DUST CONTROL PERMIT FROM THE SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT.
- C. MATERIALS TRANSPORTED OFF-SITE SHALL BE COVERED, WETTED, OR 6 INCHES OF FREEBOARD PROVIDED TO LIMIT VISIBLE DUST EMISSIONS.
- D. ALL OPERATIONS SHALL LIMIT OR REMOVE THE ACCUMULATION OF MUD OR DIRT FROM ADJACENT PUBLIC STREETS AT THE END OF THE DAY.
- E. ALL STORAGE PILES SHALL BE STABILIZED WITH WATER OR CHEMICALS.

PIPE SCHEDULE

BY THE CITY ENGINEER.

MANNER IN WHICH THE SAME IS MADE.

THE PUBLIC RIGHT-OF-WAY.

CONSTRUCTION

SANITARY SEWER

TYPE OF PIPE

PVC SOLID WALL SEWER PIPE SHALL CONFORM TO ASTM STANDARD D3034-SDR26 STANDARD

THIS SET OF IMPROVEMENT PLANS IS VALID FOR CONSTRUCTION PURPOSES ONLY AFTER THEY HAVE BEEN SIGNED

ALL CONTRACTORS INVOLVED IN THE CONSTRUCTION OF THIS PROJECT SHALL ATTEND A PRE-CONSTRUCTION

THE CITY OF TURLOCK IMPROVEMENTS STANDARDS AND SPECIFICATIONS ARE MADE A PART OF THESE PLANS.

APPROVAL OF THESE PLANS DOES NOT RELEASE THE CONTRACTOR FROM RESPONSIBILITY FOR CORRECTION OF

MISTAKES, ERRORS OR OMISSIONS CONTAINED THERE IN. IF DURING THE COURSE OF CONSTRUCTION THE PUBLIC

INTEREST REQUIRES A MODIFICATION OR A DEPARTURE FROM THE CITY SPECIFICATIONS, OR THE APPROVED PLANS.

THE CITY SHALL HAVE THE AUTHORITY TO REQUIRE SUCH MODIFICATION OR DEPARTURE, AND TO SPECIFY THE

AN ENCROACHMENT AND GRADING PERMIT IS REQUIRED AND MUST BE OBTAINED BEFORE WORK CAN BE STARTED IN

CURRENT STANDARDS AND SPECIFICATIONS SHALL BE KEPT ON-SITE DURING CONSTRUCTION.

CONFERENCE ARRANGED BY THE CITY AT THE ENGINEERING SERVICES DEPARTMENT FOR CONSTRUCTION AND

SPECIFICATION FOR PVC PIPE & FITTINGS WITH RUBBER SEALING RING MEETING ASTM D-3212

JOINTS FOR DRAIN AND SEWER PIPES USING FLEXIBLE ELASTOMERIC SEALS", OR AN APPROVED EQUAL

GENERAL

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS AND SPECIFICATIONS AND THE FOLLOWING:
- CITY OF TURLOCK STANDARD SPECIFICATIONS AND DRAWINGS.
- CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (CALTRANS STANDARD SPECIFICATIONS) LATEST EDITION, AS REFERENCED IN THE PLANS AND CITY STANDARDS
- CONTRACT CHANGE ORDERS ISSUED BY THE CITY ENGINEER.
- IN ABSENCE OF MORE DETAILED REQUIREMENTS PROVIDED IN PROJECT PLANS AND SPECIFICATIONS AND LOCAL AGENCY STANDARDS, IT IS INTENDED THAT CONSTRUCTION AND INSTALLATION OF MATERIALS SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S
- THIS SET OF IMPROVEMENT PLANS IS VALID FOR CONSTRUCTION PURPOSES ONLY AFTER BEING SIGNED BY THE CITY ENGINEER.
- ALL WORK SHALL BE INSPECTED BY THE CITY OF TURLOCK AND CONTRACTOR SHALL REQUEST INSPECTIONS AND TESTING IN ACCORDANCE WITH THE CITY OF TURLOCK STANDARD SPECIFICATIONS AND OTHER DOCUMENTS THAT MAY BE IDENTIFIED BY CITY AND/OR OWNER REGARDING INSPECTION AND TESTING REQUIREMENTS.
- NO WORK SHALL BE STARTED IN THE PUBLIC RIGHT-OF-WAY UNTIL AN ENCROACHMENT PERMIT IS ISSUED FROM THE CITY OF TURLOCK DEPARTMENT OF PUBLIC WORKS. COSTS OF OBTAINING PERMIT AND COMPLYING WITH CONDITIONS OF PERMIT SHALL BE INCLUDED IN THE BID PRICE FOR THE VARIOUS ITEMS OF WORK INVOLVED.
- UNDERGROUND FACILITIES SHOWN ON THE PLANS WERE LOCATED USING INFORMATION PROVIDED BY UTILITY COMPANIES AND BY MEASURING SURFACE FEATURES. NO ATTEMPT WAS MADE TO LOCATE ANY OTHER UNDERGROUND FACILITIES THAT WERE NOT SHOWN ON UTILITY COMPANY PLANS OR WERE NOT READILY APPARENT FROM INSPECTION OF SURFACE FEATURES. THE ENGINEER DOES NOT GUARANTEE THESE LOCATIONS TO BE EITHER TRUE OR EXACT.
- PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALFRT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER 811. THE CONTRACTOR SHALL RECORD THE U.S.A. ORDER NUMBER AND HAVE THE ORDER NUMBER AVAILABLE TO OWNER AND ENGINEER PRIOR TO ANY EXCAVATION.
- THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COORDINATE AND COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE PROJECT.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY TO FIELD VERIFY ALL EXISTING IMPROVEMENTS, BOTH HORIZONTALLY AND VERTICALLY, AND TO EXPOSE ALL EXISTING UNDERGROUND UTILITIES RELATED TO THE PROJECT, INCLUDING BUT NOT LIMITED TO, SEWER, STORM DRAIN, WATER, IRRIGATION, GAS, ELECTRICAL, ETC. AND SHALL NOTIFY THE ENGINEER IN WRITING FORTY-EIGHT (48) HOURS IN ADVANCE OF EXPOSING THE UTILITIES, SO THAT THE LOCATION AND ELEVATION CAN BE VERIFIED AND DOCUMENTED. THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE VARIOUS ITEMS OF WORK INVOLVED. IF LOCATION AND/OR ELEVATION DIFFERS FROM THAT SHOWN ON THE DESIGN PLANS, PROVISIONS TO ACCOMMODATE NEW LOCATION/ELEVATION MUST BE MADE, IN WRITING BY THE ENGINEER. PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY: THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, ENGINEER AND THE CITY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- THE CONTRACTOR SHALL CONFORM TO ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH STANDARDS, RULES, REGULATIONS AND ORDERS ESTABLISHED BY THE STATE OF CALIFORNIA AND LOCAL AGENCIES. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS. BARRICADES. SIGNS. FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC CONVENIENCE AND PUBLIC SAFETY IN ACCORDANCE WITH THE PROVISIONS IN SECTIONS 7-1.03 AND 7-1.04 OF THE CALTRANS STANDARD SPECIFICATIONS. COSTS FOR COMPLYING WITH THESE PROVISIONS SHALL BE INCLUDED IN THE BID PRICE FOR THE VARIOUS ITEMS OF WORK INVOLVED.
- THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 5 FEET OR MORE, EXCAVATIONS OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATIONS PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY. FOR TRENCHES 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH SECTION 7-1.02K(6) OF
- 8. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ON THIS SITE, IT IS ADVISED THAT ALL INVOLVED PARTIES REVIEW SECTION 8771 AND SECTION 8725 OF THE BUSINESS AND PROFESSIONS CODE AND SECTION 605 OF THE CALIFORNIA STATE PENAL CODE TO ENSURE THAT MONUMENT CONSERVATION HAS BEEN PROPERLY ADDRESSED.

CONSTRUCTION GENERAL

- THE INTENT OF THE PLANS AND SPECIFICATIONS IS TO PRESCRIBE THE DETAILS FOR THE CONSTRUCTION AND COMPLETION OF THE WORK WHICH THE CONTRACTOR HAS UNDERTAKEN TO PERFORM IN ACCORDANCE WITH PLANS, SPECIFICATIONS AND APPLICABLE STANDARDS. WHERE THE PLANS AND SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS, BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES THAT MAY EXIST IN THE PLANS OR SPECIFICATIONS.
- UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL. TOOLS. EQUIPMENT AND INCIDENTALS AND DO ALL WORK INVOLVED IN EXECUTING THE WORK IN A SATISFACTORY AND WORKMANLIKE MANNER.
- THE BIDDER SHALL EXAMINE CAREFULLY THE SITE OF THE WORK CONTEMPLATED. THE PLANS. SPECIFICATIONS AND THE PROPOSAL OR BID FORMS THEREFOR. THE SUBMISSION OF A BID SHALL BE CONCLUSIVE EVIDENCE THAT THE BIDDER HAS INVESTIGATED AND IS SATISFIED AS TO THE CONDITIONS TO BE ENCOUNTERED, AS TO THE CHARACTER, QUALITY AND SCOPE OF WORK TO BE PERFORMED, THE QUANTITIES OF MATERIALS TO BE FURNISHED AND AS TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS.
- IF, DURING THE COURSE OF THEIR EXAMINATION. A BIDDER FINDS FACTS OR CONDITIONS WHICH APPEAR TO THEM TO BE IN CONFLICT WITH THE INTENT OF THE PROJECT PLANS AND SPECIFICATIONS, THEY SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION AND EXPLANATION BEFORE SUBMITTING THEIR BID.
- THE CONTRACTOR SHALL MAINTAIN A SET OF FULL-SIZED AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL WATER, SEWER AND STORM DRAINAGE PIPING, ELECTRICAL AND MECHANICAL EQUIPMENT, CONDUITS, STRUCTURES AND OTHER FACILITIES. THE AS-BUILT PLANS OF THE ELECTRICAL SYSTEM SHALL INCLUDE THE STREET LIGHT LAYOUT PLAN SHOWING LOCATION OF LIGHTS, CONDUITS, CONDUCTORS, POINTS OF CONNECTIONS TO SERVICES. PULL BOXES AND WIRE SIZES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING AT LEAST 48 HOURS PRIOR TO BACKFILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT
- APPROPRIATE DUST CONTROL SHALL BE PROVIDED FOR ALLEVIATION OR PREVENTION OF DUST NUISANCE AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL MAINTAIN DUST CONTROL DURING CONSTRUCTION AND OTHER TIMES IN ACCORDANCE WITH THE REQUIREMENTS OF CITY OF TURLOCK.
 - THE CONTRACTOR SHALL USE ALL REASONABLE EFFORTS TO OBTAIN NON-POTABLE WATER FOR CONSTRUCTION OR DUST CONTROL PURPOSES.
- IF CONSTRUCTION WATER WILL BE OBTAINED FROM THE CITY'S FIRE HYDRANT(S). A FIRE HYDRANT USE PERMIT APPLICATION MUST BE SUBMITTED AND APPROVED BY THE CITY OF TURLOCK. FEES, DEPOSITS, AND WATER RATES ARE LISTED ON THE APPLICATION.
- IF EXISTING IMPROVEMENTS NEED TO BE DISTURBED, RELOCATED AND/OR REMOVED FOR THE PROPER PLACEMENT OF IMPROVEMENTS TO BE CONSTRUCTED BY THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE.
- THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN CONSTRUCTION AND REMOVAL OPERATIONS TO PROTECT EXISTING IMPROVEMENTS AND UTILITIES, ADJACENT PROPERTY. INCLUDING LAWN, SHRUBBERY, TREES, IRRIGATION FACILITIES, ETC., SO AS NOT TO REMOVE. BREAK, OR DAMAGE ANY IMPROVEMENT OR FACILITY ANY IMPROVEMENT OR FACILITY THAT IS REMOVED, BROKEN OR DAMAGED BY ACTION OF THE CONTRACTOR EITHER THROUGH HIS NEGLIGENCE OR OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR COSTS RESULTING FROM ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER AND ENGINEER.
- ALL PRE-EXISTING SEWER LATERALS AND STORM DRAIN LINES SHALL BE VIDEO INSPECTED TO ENSURE THAT THE LINES ARE CLEAR OF ANY DEBRIS AND THAT THEY ARE NOT DAMAGED.
- MONUMENT PRESERVATION & PROTECTION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL SURVEY MONUMENTATION AND REFERENCE POINTS WHICH MAY BE LOST OR DISTURBED AS A RESULT OF THE WORK DONE. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE LOCATION OF MONUMENTATION WHICH MAY BE DISTURBED. HE SHALL BE RESPONSIBLE FOR THE PRESERVATION AND/OR REPLACEMENT OF ALL SUCH MONUMENTATION IN COMPLIANCE WITH 8771 OF THE BUSINESS AND PROFESSIONS CODE AND SECTION 732.5, 1492.5 AND 1080.5 OF THE CALIFORNIA STREETS AND HIGHWAY CODE. THE CITY SHALL EMPLOY A LICENSED SURVEYOR TO SET TIES TO ANY MONUMENTS THAT MAY BE DISTURBED OR LOST DURING THE COURSE OF WORK PERFORMED. SUCH TIES SHALL BE SET IN LOCATIONS THAT WILL NOT OTHERWISE BE DISTURBED. THE CONTRACTOR SHALL BEAR ALL COST OF THE SURVEY, RE-SURVEY, REFERENCE TIES, REPLACEMENT CORNERS, CORNER RECORDS, MAPPING, CHECKING AND RECORDING FEES WHICH MAY BE REQUIRED AS A RESULT OF LOSS OR DISTURBANCE OF MONUMENTATION WHICH MAY OCCUR DURING THE COURSE OF THE WORK

LETTERS ARE SENT TO LOCAL UTILITY COMPANIES TO REQUEST EXISTING UNDERGROUND FACILITY INFORMATION INCLUDING LOCATION AND SIZE.

NOTE BELOW INDICATES STATUS OF INFORMATION RECEIVED FROM THE RESPECTIVE AGENCIES.

<u>UTILITY COMPANIES:</u>
PACIFIC GAS & ELECTRIC COMPANY ATTN: DELINEATIONMAPREQUESTS@PGE.COM ATTN: RICH WALLACE 3185 M STREET MERCED, CA 95348 (RECEIVED RESPONSE)

AT&T ATTN: DAWN SIBLEY 1116 M STREET MODESTO, CA 95354 (RECEIVED RESPONSE)

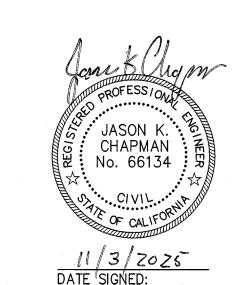
CHARTER SPECTRUM ATTN: ORLANDO SOLIZ 773 N WALNUT TURLOCK, CA 95380 (DID NOT RECEIVE RESPONSE)

ATTN: BILL PENNEY

P. O. BOX 949 PHYSICAL ADDRESS: 333 EAST CANAL DRIVE TURLOCK, CA 95381 (RECEIVED RESPONSE) TURLOCK IRRIGATION DISTRICT (ELECTRICAL) ATTN: DAVID PORATH

TURLOCK IRRIGATION DISTRICT (CIVIL)

P. O. BOX 949 PHYSICAL ADDRESS: 333 EAST CANAL DRIVE TURLOCK, CA 95381 (RECEIVED RESPONSE)



CAUTION: UNAUTHORIZED CHANGES AND USES THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL

THE PREPARER OF THESE PLANS AND THE CITY ENGINEER.

CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY

GDR ENGINEERING, INC. ENGINEERING/SURVEYING/PLANNING 3525 MITCHELL ROAD, SUITE G CERES, CA 95307 TELEPHONE: (209) 538-3360 FAX: (209) 538-7370

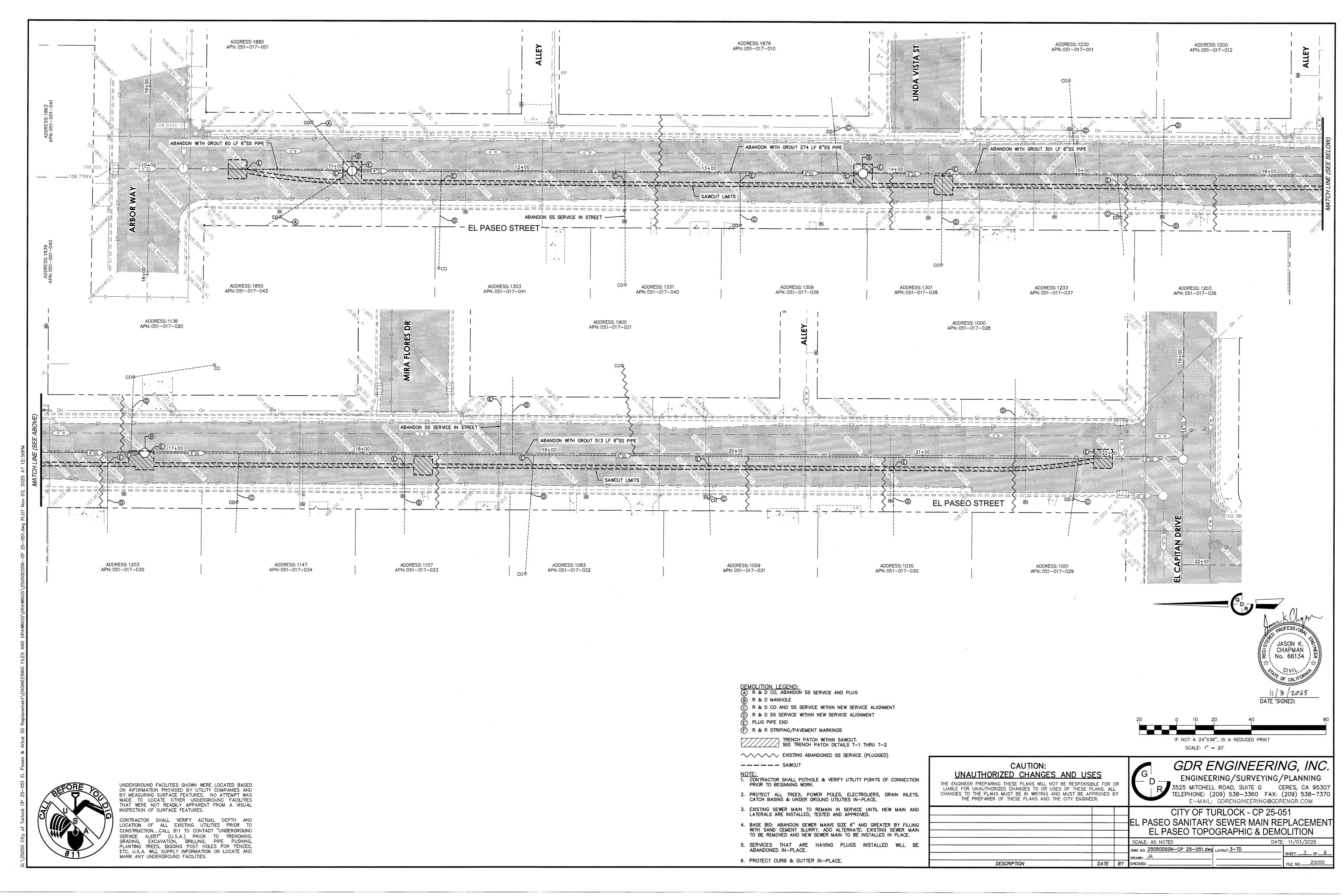
E-MAIL: GDRENGINEERING@GDRENGR.COM CITY OF TURLOCK - CP 25-051

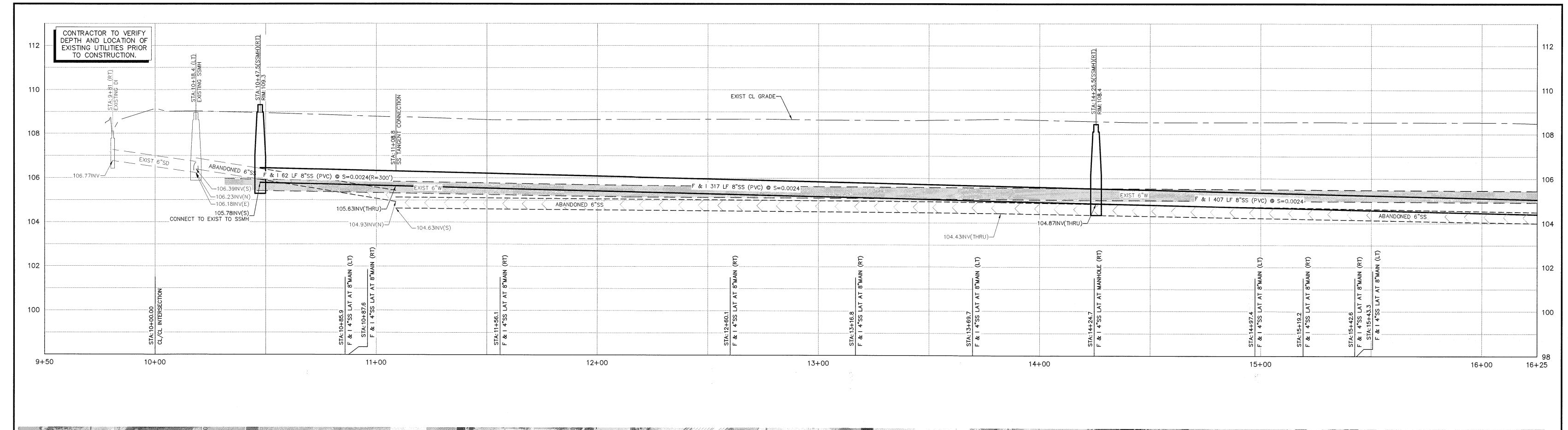
EL PASEO SANITARY SEWER MAIN REPLACEMENT **GENERAL NOTES** SCALE: NOT TO SCALE DATE: 11/03/2025

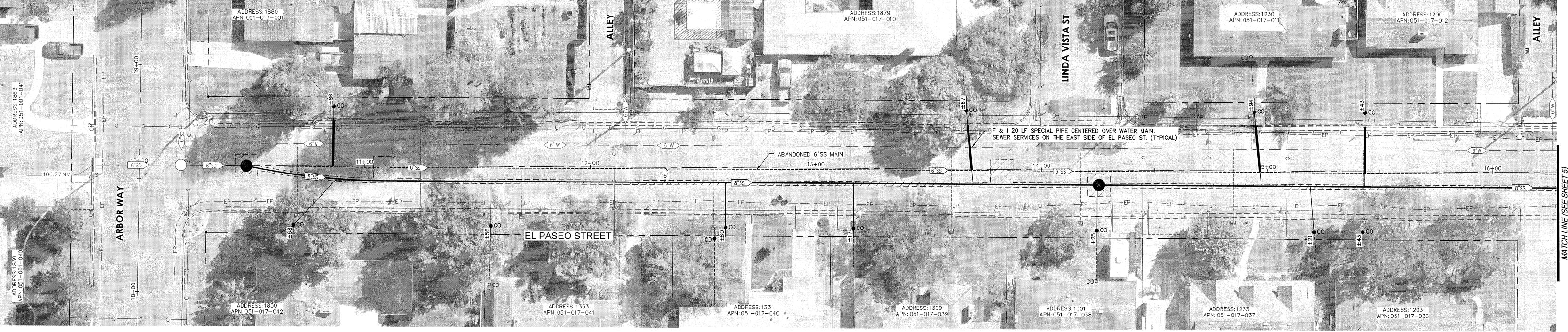
THIS TOPOGRAPHIC SURVEY PERFORMED SEPTEMBER 29, 2025 IS BASED ON AN OBSERVATION OF SURFACE FEATURES AND INFORMATION PROVIDED BY LOCAL UTILITY COMPANIES, AND RECORD DRAWINGS, NO ATTEMPT WAS MADE TO LOCATE UNDERGROUND FACILITIES THAT WERE NOT READILY APPARENT FROM SURFACE OBSERVATION. THE DWG NO. 25050DSGN-CP 25-051.dwg LAYOUT 2-NOTE ACTUAL LOCATION OF ALL UNDERGROUND FACILITIES MUST BE VERIFIED PRIOR TO THE COMMENCEMENT OF ANY FILE NO. 25050 DESCRIPTION DATE BY CHECKED: _

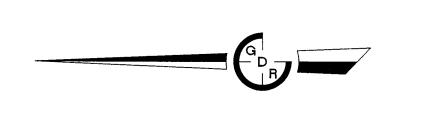
CONTRACTOR SHALL VERIFY ACTUAL DEPTH AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION....CALL 811 TO CONTACT "UNDERGROUND SERVICE ALERT" (U.S.A.) PRIOR TO TRENCHING, GRADING, EXCAVATION, DRILLING, PIPE PUSHING PLANTING TREES, DIGGING POST HOLES FOR FENCES. ETC. U.S.A. WILL SUPPLY INFORMATION OR LOCATE AND MARK ANY UNDERGROUND FACILITIES.

UNDERGROUND FACILITIES SHOWN WERE LOCATED BASED ON INFORMATION PROVIDED BY UTILITY COMPANIES AND BY MEASURING SURFACE FEATURES. NO ATTEMPT WAS MADE TO LOCATE OTHER UNDERGROUND FACILITIES THAT WERE NOT READILY APPARENT FROM A VISUAL INSPECTION OF SURFACE FEATURES.









PROFESS/ON JASON K. CHAPMAN No. 66134 11/3/2025

1. CONTRACTOR SHALL POTHOLE & VERIFY UTILITY POINTS OF CONNECTION PRIOR TO

- BEGINNING WORK. 2. REMOVE & REPLACE STRIPING & LEGEND IN-KIND AS NEEDED.
- 3. SEWER SERVICES WITH CLEAN-OUT PER CITY STANDARD S-7 SHALL BE 4" IN SIZE UNLESS CALLED OUT OTHERWISE.
- 4. SEWER PIPE CONNECTION TO MANHOLE: CONNECT PIPE TO MANHOLE WITH RUBBER GASKET & NON-SHRINK GROUT IN ANNULAR SPACE.
- 5. CURB & GUTTER TO BE PROTECTED IN-PLACE.
- 6. SEE SURVEY NOTES, NOTE 5 FOR MONUMENT PRESERVATION. (TYPICAL)

7. WHERE SANITARY SEWER SERVICE LATERALS CROSSING WITHIN 12" OF WATER MAIN, A 20' MINIMUM SECTION OF PVC "C900-07; PRESSURE CLASS 305, DR 14", SECTION SHALL BE CENTERED ON THE WATER MAIN. FIELD VERIFY LOCATION AND ELEVATIONS OF EACH LATERAL AT PROPOSED CLEANOUT POINT OF CONNECTION PRIOR TO INSTALLATION OF THE MAIN.

TRENCH PATCH & GRINDING
SEE TRENCH PATCH DETAIL T-1 AND T-2

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOI LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED THE PREPARER OF THESE PLANS AND THE CITY ENGINEER.	<u>U</u>	NAU	THO	RIZ	_	AU ⁻ CH	🗨 .		:S	AN	D	US	ES
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DESCRIPTION

IF NOT A 24"X36", IS A REDUCED PRINT

SCALE: 1'' = 20' HOR, 1''=2' VERT

GDR ENGINEERING, INC. ENGINEERING/SURVEYING/PLANNING

DATE SIGNED:

3525 MITCHELL ROAD, SUITE G CERES, CA 95307 TELEPHONE: (209) 538-3360 FAX: (209) 538-7370 E-MAIL: GDRENGINEERING@GDRENGR.COM

CITY OF TURLOCK - CP 25-051 EL PASEO SANITARY SEWER MAIN REPLACEMENT EL PASEO STREET PLAN AND PROFILE

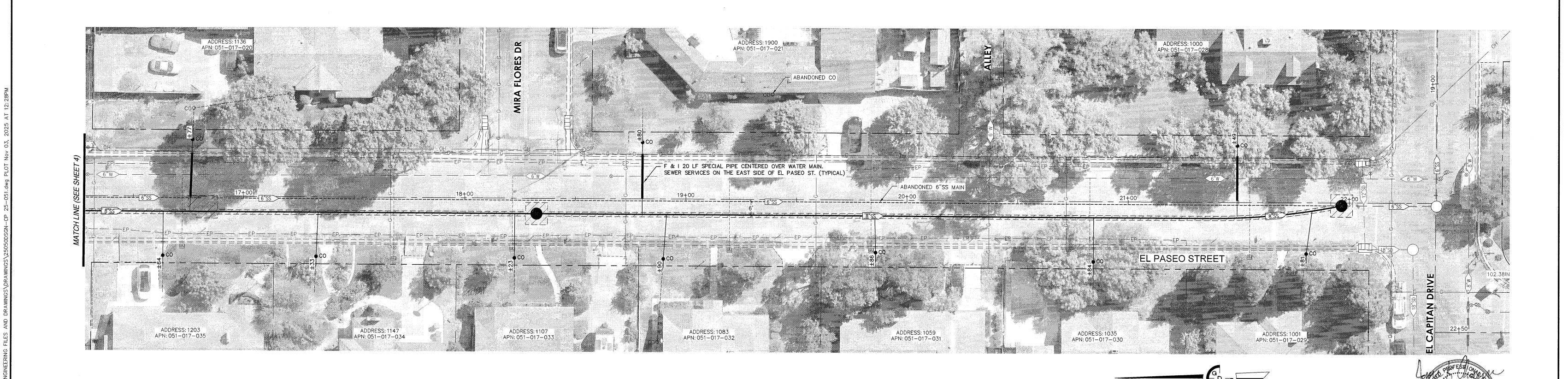
SCALE: AS NOTED DATE: 11/03/2025 owg NO. 25050DSGN-CP 25-051.dwg LAYOUT 4-PP SHEET: 4 OF 6 DATE BY CHECKED: _



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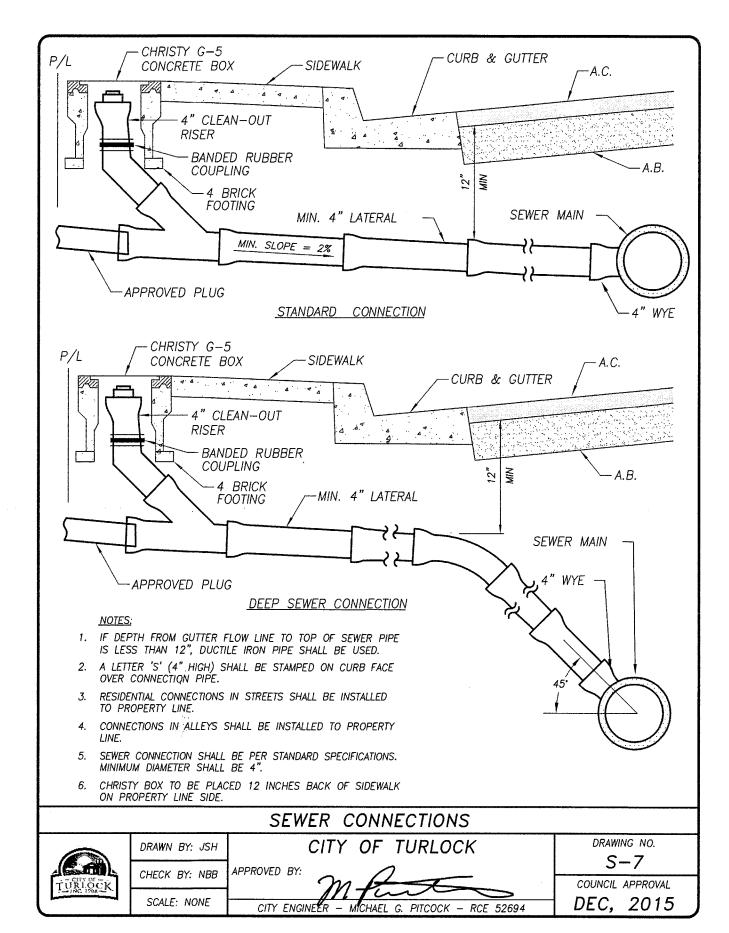
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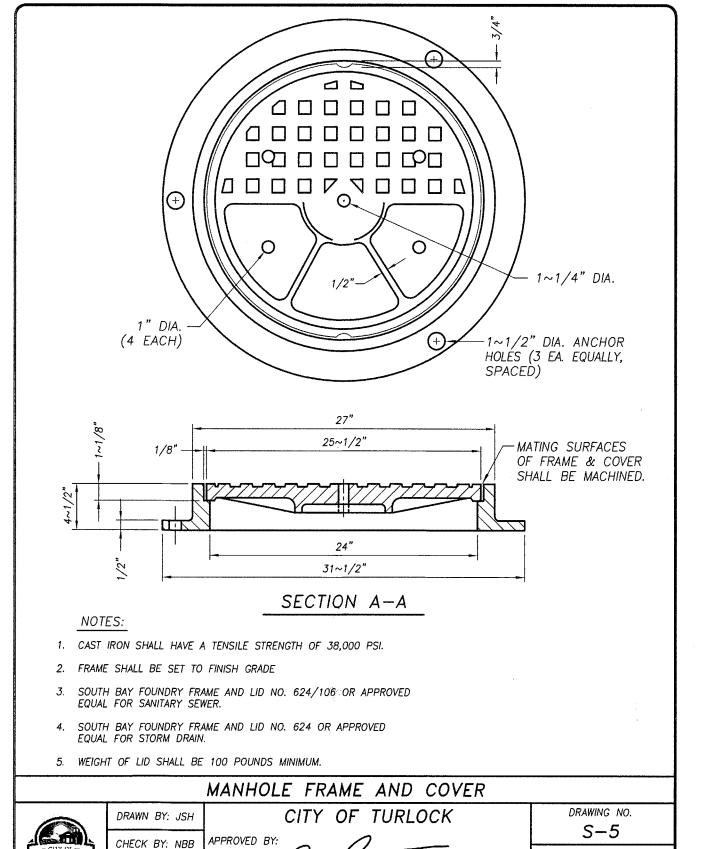
R MAIN REPLACEMENT AN AND PROFILE DATE: 11/03/2025 DWG NO. 25050DSGN-CP 25-051.dwg LAYOUT 5-PP SHEET: 5 OF 6 DATE BY

JASON KAN No. 66134

11/3/2025

DATE SIGNED!





CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

SCALE: NONE

COUNCIL APPROVAL

DEC, 2015

CONSTRUCTION.

