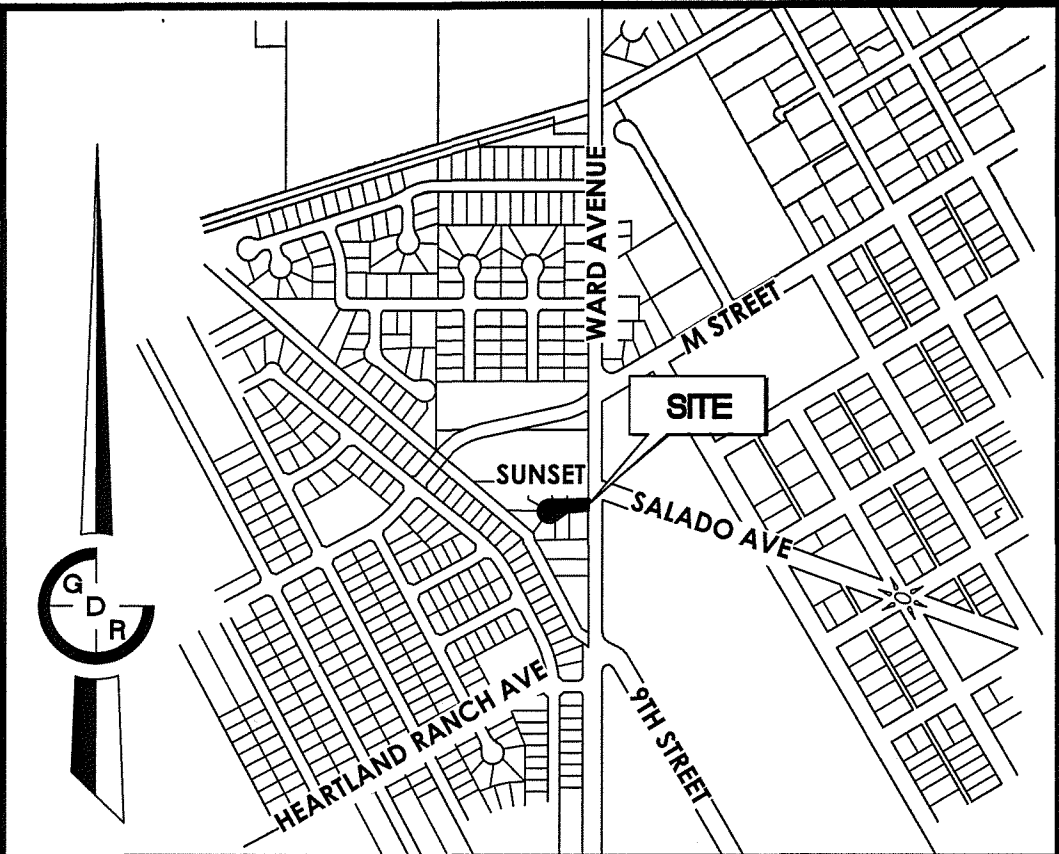
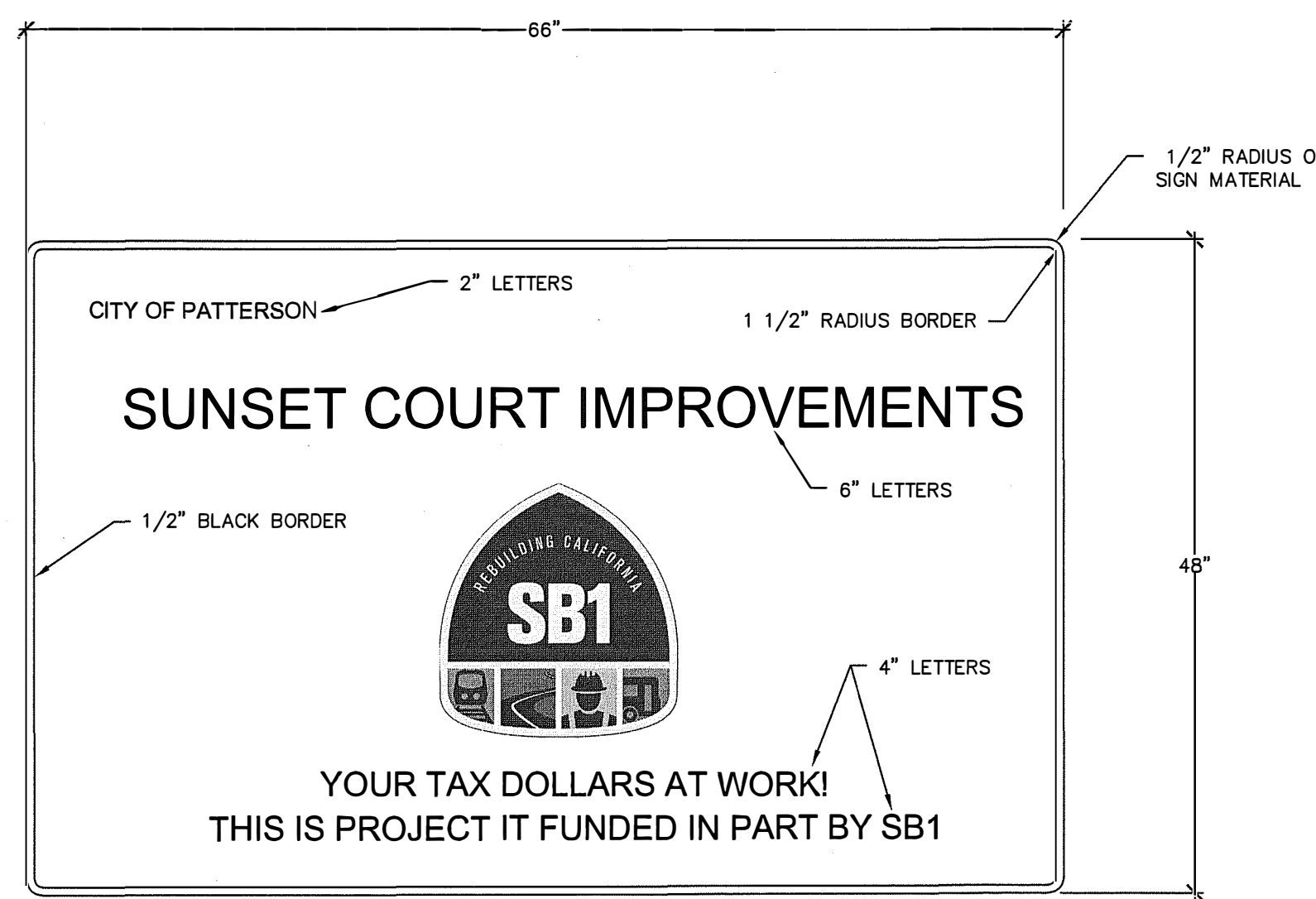


SUNSET COURT IMPROVEMENT PLANS

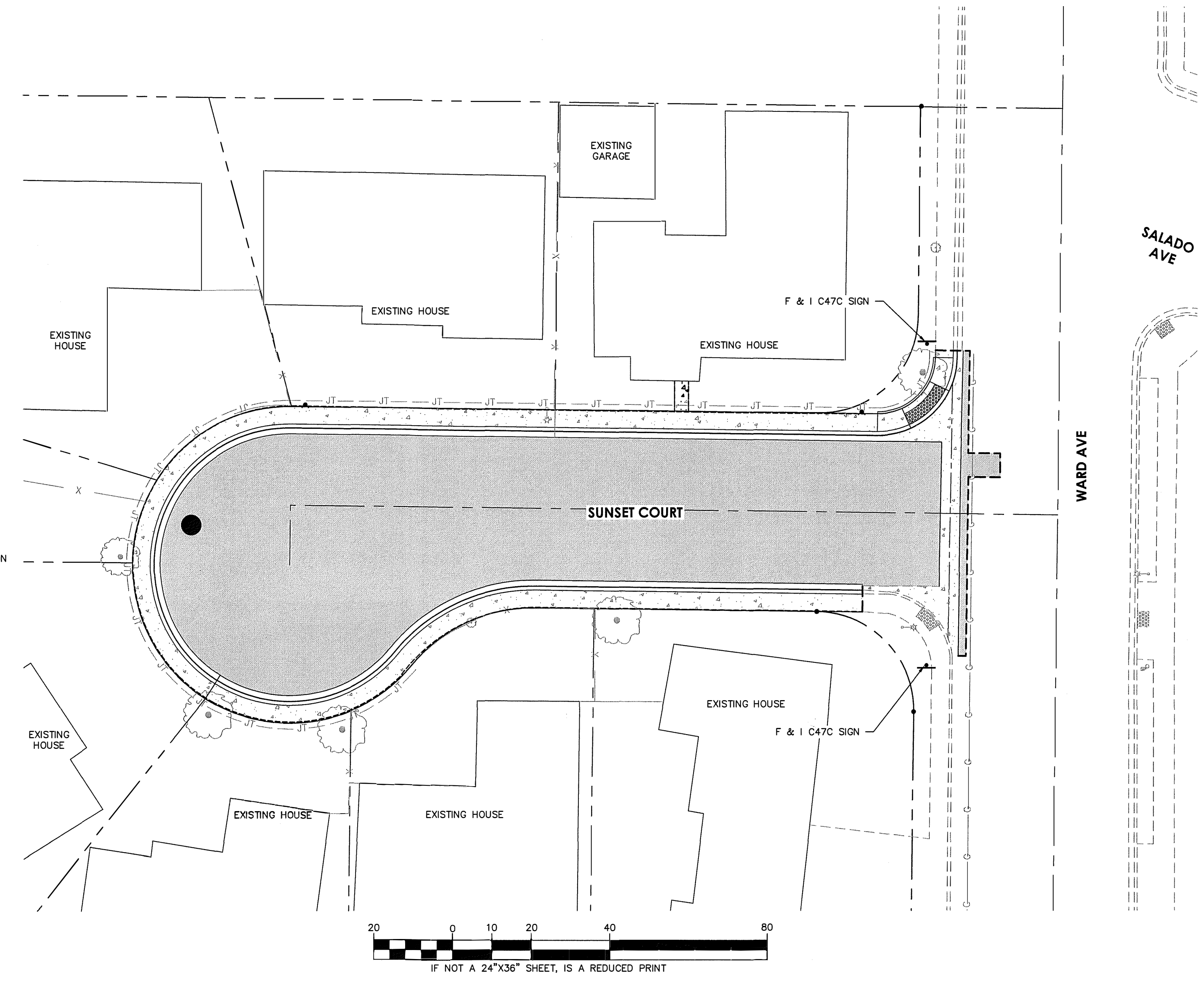
CITY OF PATTERSON
STANISLAUS COUNTY, CALIFORNIA



VICINITY MAP
CITY OF PATTERSON, STANISLAUS COUNTY, STATE OF CALIFORNIA



- NOTE:**
1. SIGN MATERIAL SHALL BE 0.08 INCHES MINIMUM IN THICKNESS AND SHALL BE ALUMINUM ALLOW #5052-H38.
 2. ALL SHEETING SHALL BE 3M BRAND DIAMOND GRADE 3 RETRO-REFLECTIVE MATERIAL WITH ANTI-GRAFFITI COATING.
 3. THE SIGN SHALL HAVE A BLACK BOARDER AND LEGEND WITH THE BACKGROUND BEING ORANGE.
 4. THE SIGN SHALL BE MOUNTED ON TWO 4"x4" WOOD POSTS. EACH POST SHALL HAVE 3/4" HOLES DRILLED THROUGH EACH POST AT 3" AND 6" ABOVE THE GROUND LINE AND PARALLEL TO THE FACE OF THE SIGN.
 5. THE SIGN SHALL BE IN PLACE SEVEN (7) DAYS PRIOR TO THE START OF CONSTRUCTION AT THE LOCATION ON THIS SHEET.



APPROVED BY CITY ENGINEER, CITY OF PATTERSON
REVIEWED FOR CONFORMANCE WITH THE CITY OF PATTERSON REQUIREMENTS ONLY. SINCE PLANS WERE PREPARED BY OTHERS, NO RESPONSIBILITY FOR THE ADEQUACY OF THE DESIGN IS EXPRESSED.

Jason K. Chapman
JASON K. CHAPMAN
No. 66134
CIVIL ENGINEER
STATE OF CALIFORNIA
12/15/2025
DATE SIGNED:

APPROVED BY CITY ENGINEER, CITY OF PATTERSON
REVIEWED FOR CONFORMANCE WITH THE CITY OF PATTERSON REQUIREMENTS ONLY. SINCE PLANS WERE PREPARED BY OTHERS, NO RESPONSIBILITY FOR THE ADEQUACY OF THE DESIGN IS EXPRESSED.

Tiffany Rodriguez
TIFFANY RODRIGUEZ
DATE: 12/16/2025

1. COVER SHEET
2. CONSTRUCTION NOTES
3. TOPOGRAPHY & DEMOLITION PLAN
4. SUNSET COURT PLAN & PROFILE
5. CITY STANDARD DETAILS
6. STRIPING PLAN
7. EROSION CONTROL PLAN

SHEET INDEX

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 CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS AND THE CITY ENGINEER.

DESCRIPTION	DATE	BY

EXISTING	DESCRIPTION	PROPOSED
	WATER LINE	
	WATER LATERAL	
	SANITARY SEWER LINE	
	PROPERTY LINE	
	RIGHT OF WAY	
	CENTER LINE	
	GAS MAIN	
	FENCE	
	GRADE BREAK	
	DIRECTION OF FLOW	
	FIRE HYDRANT	
	WATER VALVE	
	MANHOLE	
	ELECTROLINER	
	SIGN	
	CURB GUTTER & SIDEWALK	
	MONUMENT	
	CURB RAMP	
	CLEAN OUT	
	SERVICE POLE	
	TELEPHONE BOX	
	TELEVISION BOX	
	UTILITY BOX	
	MAIL BOX	
	WATER METER	
	TREE	

LEGEND

AC	ASPHALTIC CONCRETE	SS	SANITARY SEWER
AB	AGGREGATE BASE	SSMH	SEWER MANHOLE
ADA	AMERICANS WITH DISABILITIES	STA	STATION
AM	ANTE MERIDIEM	SW	SIDEWALK
BO	BLOWOFF	TC	TOP OF CURB
BSW	BACK OF SIDEWALK	TYP	TYPICAL
C	CONCRETE	USA	UNDERGROUND SERVICE ALERT
CASQA	CALIFORNIA STORMWATER QUALITY ASSOCIATION	VG	VALLEY GUTTER
CL	CENTER LINE	W	WATER
CO	CLEANOUT	WM	WATER METER
CR	CROWN		
DW	DRIVEWAY		
EC	END OF CURVE		
ECR	END CURB RETURN		
ETC	ET CETERA		
EXIST	EXISTING		
F & I	FURNISH AND INSTALL		
FL	FIRE HYDRANT		
FL	FLOWLINE		
FT	FEET		
GB	GRADE BREAK		
INC	INCORPORATED		
INV	INVERT		
LF	LEFT		
LF	LINEAR FEET		
MB	MAIL BOX		
MIN	MINIMUM		
MPH	MILES PER HOUR		
NOI	NOTICE OF INTENT		
NTS	NOT TO SCALE		
PID	PATTERSON IRRIGATION DISTRICT		
PM	POST MERIDIEM		
PRC	POINT OF REVERSE CURVE		
R & D	REMOVE AND DISPOSE		
R & R	REMOVE AND REPLACE		
RT	RIGHT		
S=	SLOPE EQUALS		
SF	SQUARE FEET		
SP	SERVICE POLE		

ABBREVIATIONS

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

SUNSET COURT IMPROVEMENT PLANS COVER SHEET

SCALE: AS SHOWN DATE: 12/25/2025
DWG NO: 23040DSGN.dwg LAYOUT: 1-COV SHEET: 1 OF 7
DRAWN: GP, JA
CHECKED: _____ FILE NO: 23040



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.

1. THIS SET OF IMPROVEMENT PLANS IS VALID FOR CONSTRUCTION PURPOSES ONLY AFTER THEY HAVE BEEN SIGNED BY THE CITY ENGINEER.
2. ALL CONTRACTORS INVOLVED IN THE CONSTRUCTION OF THIS PROJECT SHALL ATTEND A PRE-CONSTRUCTION CONFERENCE ARRANGED BY THE CITY AT THE ENGINEERING SERVICES DEPARTMENT FOR CONSTRUCTION AND INSPECTION COORDINATION.
3. THE CITY OF PATTERSON DEPARTMENT OF PUBLIC WORKS & ENGINEERING IMPROVEMENTS STANDARDS AND SPECIFICATIONS ARE MADE A PART OF THESE PLANS. CURRENT STANDARDS AND SPECIFICATIONS SHALL BE KEPT ON SITE DURING CONSTRUCTION.
4. AN ENCHROACHMENT AND GRADING PERMIT IS REQUIRED AND MUST BE OBTAINED BEFORE WORK CAN BE STARTED IN THE PUBLIC RIGHT-OF-WAY.
5. APPROVAL OF THESE PLANS DOES NOT RELEASE THE DEVELOPER FROM RESPONSIBILITY FOR CORRECTION OF MISTAKES, ERRORS OR OMISSIONS CONTAINED THEREIN. 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.
6. THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS REQUIRED BY THE CITY OF PATTERSON FOR WORK PERFORMED IN THE PUBLIC RIGHT-OF-WAY.

CITY STANDARD NOTES SHALL BE PLACED ON THE PLANS, WHERE APPLICABLE:

- 1. THESE PLANS HAVE BEEN CHECKED BY THE CITY OF PATTERSON AND/OR ITS AUTHORIZED REPRESENTATIVE, BUT SUCH CHECKING AND/OR APPROVAL DOES NOT RELIEVE THE DEVELOPER FROM ITS RESPONSIBILITY TO CORRECT ERRORS, OMISSIONS OR MAKE CHANGES REQUIRED BY CONDITIONS DISCOVERED IN THE FIELD DURING THE COURSE OF CONSTRUCTION.
- 2. 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.
- 3. THE IMPROVEMENTS ARE SUBJECT TO THE INSPECTION AND APPROVAL OF CITY OF PATTERSON ENGINEERING AND PUBLIC WORKS DEPARTMENT, CONTACT ENGINEERING AND PUBLIC WORKS DEPARTMENT AT LEAST THREE (3) WORKING DAYS PRIOR TO START ANY WORK TO ARRANGE FOR INSPECTION.
- 4. NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 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 PATTERSON 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. BASIS OF ELEVATION DATUM SHALL BE PROVIDED (IF CITY/COUNTY BENCHMARK, GIVE NUMBER, LOCATION AND ELEVATION).
- 8. 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.
- 9. 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 ENGINEER.
- 10. ALL CONSTRUCTION STAKING FOR GRADING, STREET, CURB, AND GUTTER, SIDEWALK, SANITARY, SEWER, STORM DRAINS, WATER LINES, NON-POTABLE WATER LINES, FIRE HYDRANTS, ELECTROLYERS, ETC. SHALL BE DONE BY REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR.
- 11. ALL AREA UNDERGOING GRADING, AND ALL OTHER 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.
- 12. PRIOR TO RECEIVING/TAKING ANY WATER FROM THE CITY OF PATTERSON WATER SYSTEM THE CONTRACTOR SHALL ACQUIRE A CITY WATER METER OR CITY FIRE HYDRANT METER. ALL WATER USAGE SHALL BE METEDED.
- 13. ALL LINES ABANDONED DURING CONSTRUCTION SHALL BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS.
- 14. 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.
- 15. TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE CITY OF PATTERSON ENGINEERING DEPARTMENT FOR APPROVAL.
- 16. 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.
- 17. EROSION CONTROL PLAN MUST BE PREPARED CONSISTENT TO CITY STANDARDS.
- 18. IF THE PROJECT IS APPLICABLE TO THE STATE'S CONSTRUCTION GENERAL PERMIT, A NOTICE TO INTENT (NOI) TO COMPLY WITH THE STATE'S GENERAL PERMIT FOR STORM WATER RUN-OFF ASSOCIATED WITH CONSTRUCTION ACTIVITY SHALL BE SUBMITTED TO THE SWRB VIA THE STATE'S SMARTS SYSTEM. THE VOID NUMBER SHOULD BE INDICATED ON THE PLANS.
- 19. DISPOSAL OF WATER TO CITY SANITARY SEWER SYSTEM IS PROHIBITED.
- 20. 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.
- 21. PRIOR TO BEGIN WORK, CONTRACTOR SHALL ATTEND A PRE-CONSTRUCTION MEETING WITH THE CITY OF PATTERSON.

CONSTRUCTION NOTES AND SPECIFICATIONS

GRADING

- 1. CONTRACTOR SHALL PERFORM EARTHWORK IN ACCORDANCE WITH THE CITY STANDARDS FOR THE PROJECT, THE REGULATORY AGENCY STANDARD SPECIFICATION AND CALTRANS STANDARD SPECIFICATIONS SECTION 19 (LATEST EDITION).
 - 2. NO GEOTECHNICAL REPORT.
 - 3. TESTING TO BE COMPLETED PER CITY REQUIREMENTS.
 - 4. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS STATE OF CALIFORNIA CONSTRUCTION GENERAL PERMIT ORDER 2022-0057-DWA.
- SANITARY SEWER**
- 1. CONSTRUCTION SHALL BE PER SECTION 8 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
 - 2. MATERIALS SHALL BE PER SECTION 8 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
 - 3. TESTING SHALL BE PER SECTION 8.15 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
 - 4. SEWER AND WATER LINE SEPARATION SHALL BE HORIZONTAL 10 FT. MINIMUM, VERTICAL 1 FT. MINIMUM, OR CONSTRUCTED TO STATE OF CALIFORNIA DEPARTMENT OF HEALTH STANDARDS.
 - 5. CONTRACTOR TO STAMP 2" HIGH LETTER "S" 1/4" DEEP INTO CURB FOR SEWER SERVICE
- WATER SYSTEM**
- 1. CONSTRUCTION SHALL BE PER SECTION 6 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
 - 2. WATER SYSTEM MAINS AND MATERIALS (PIPING, VALVES, HYDRANTS, FITTINGS, ETC.) SHALL BE PER SECTION 6 CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
 - 3. WATER SERVICES SHALL BE PER CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
 - 4. BEDDING AND BACKFILL SHALL BE PER SECTION 6.14 CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
 - 5. DISINFECTION AND TESTING SHALL BE PER SECTION 6.13 CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
 - 6. CONNECT TO EXISTING SHALL BE PER SECTION 6.12 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
 - 7. WATER PIPE SHALL BE BLUE IN COLOR AS MANUFACTURED.
 - 8. WATERLINE CROSSING UNDER SEWER OR STORM SYSTEM SHALL HAVE COUPLING AND JOINTS GREATER OR EQUAL TO 10 FEET FROM THE CLOSEST EDGE OF EXISTING PIPELINE.
 - 9. WATER LINE CROSSING UNDER SEWER OR STORM SYSTEM SHALL BE DR-14 FOR A MINIMUM OF 10 FEET ON EACH SIDE OF THE CROSSING.
 - 10. WATER LINES SHALL HAVE TRACER WIRE AND WARNING TAPE AS PER CITY STANDARDS.
 - 11. WATER METER BOXES SHALL BE N-30 WITH FL30D LID OR APPROVED EQUAL.
 - 12. WATER METERS SHALL BE BOUGHT FROM THE CITY WITH SAMPLE STATIONS ONE EVERY 1/4 SQUARE MILE.
 - 13. WATER VALVE BOX COVERS FOR FIRE HYDRANT SHALL BE MARKED "FIRE"
 - 14. IMPRESS 2" HIGH LETTERS "W" AND "S" 1/4" DEEP INTO THE CURB FOR WATER AND SEWER SERVICES.

STREETS

- 1. CONSTRUCTION SHALL BE PER SECTION 3 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
- 2. SUBGRADE SHALL BE PER SECTION 3.12 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
- 3. ALL SUBGRADE PREPARATION SHALL BE PER CITY REQUIREMENTS.
- 4. CONCRETE CURB, GUTTER AND SIDEWALK SHALL PER CITY STANDARDS.
- 5. AGGREGATE BASE SHALL BE PER SECTION 3.14 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
- 6. HOT MIX ASPHALT SHALL BE PER SECTION 3.16 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
- 7. HOT MIX ASPHALT FOR THE SECOND OR LAST (POSSIBLY DELAYED) LIFT SHALL BE PER SECTION 3.16 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS. THE ROADWAY WILL NEED TO BE CLEANED PRIOR TO THE SECOND LIFT IF A DELAY OCCURS FOR THE FINAL LIFT.
- 8. CURB AND GUTTER SLOPES ARE CONSTANT BETWEEN INDICATED CURB GRADES.
- 9. TESTING SHALL BE PER SECTION 3.27 OF CITY OF PATTERSON CITY STANDARD SPECIFICATIONS.
- 10. CURB, GUTTER AND SIDEWALK SHALL BE PER CITY STANDARDS.
- 11. ADA CURB RAMPS SHALL BE PER CURRENT STATE STANDARDS.
- 12. TRUNCATED DOMES SHALL BE CAST-IN-PLACE, NOT BOLTED.
- 13. EXPANSION JOINTS SHALL BE CONSTRUCTED IN SIDEWALK, CURB AND GUTTER AT THE ENDS OF CURB RETURNS, LIGHT POLES, CATCH BASINS, AND FIRE HYDRANTS ETC.
- 14. COMPACTION TEST RESULTS FOR SUB-BASE, BASE, ETC. SHALL BE PROVIDED TO THE CITY.

CONSTRUCTION NOTES AND SPECIFICATIONS

SURVEYING

- 1. **BENCHMARK:** NATIONAL GEODEIC SURVEY (N.G.S.) PERMANENT IDENTIFIER (PID) - H55412, AN ALUMINUM ALLOY ROD ENGAGED IN A PIPE SURROUNDED BY CONCRETE, SET FLUSH WITH GROUND. IT IS LOCATED ON THE EAST SIDE OF THE CALIFORNIA AQUEDUCT, +/- 59 FEET SOUTH OF CENTER OF SPERRY AVENUE. COORDINATES: NORTH = 607,229.919, EAST = 1,940,032.467, SPC, CA 3 NAD 83. ELEVATION: 239.50 FEET, NAVD 83.
- 2. **TEMPORARY BENCHMARK:** 3/4" IRON PIPE AT END OF CUL-DE-SAC ON GARDENIA COURT NORTH OF STREET LIGHT, 2' BEHIND SIDEWALK COORDINATES: NORTH=2354.301, EAST=6081.994 ELEVATION: 124.806
- 3. 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.
- 4. 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.
- 5. SURVEY STAKES PROVIDED BY THE ENGINEER SHALL CONSIST OF ONE SET FOR EACH OF THE FOLLOWING:
 - A. PROPERTY CORNERS: PERMANENT PROPERTY CORNER MONUMENTS WILL BE SET AFTER EARTHWORK GRADING IS COMPLETE AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE THESE MONUMENTS DURING CONSTRUCTION.
 - B. WATER: MAIN PIPELINE OFFSET STAKES FOR LINE AND GRADE APPROXIMATELY EVERY FIFTY (50) FEET WITH STATIONING FOR WATER SERVICES AND OFFSETS FOR F.H. LOCATIONS.
 - C. CURB AND GUTTER OFFSET STAKES FOR LINE AND GRADE APPROXIMATELY EVERY THIRTY-THREE (33) FEET WITH STATIONING FOR DRIVEWAY LOCATIONS. DRIVEWAY APPROACH LOCATIONS SHALL BE CONFIRMED BY DEVELOPER WITH THESE PLANS PRIOR TO STAKING.
- 6. **MISCELLANEOUS**
 - 1. ALL CONSTRUCTION ACTIVITIES, INCLUDING THE WARMING OF CONSTRUCTION VEHICLE ENGINES, SHALL BE LIMITED TO MONDAY THROUGH SATURDAY ONLY BETWEEN THE HOURS OF 7:00 AM AND 7:00 PM AND WILL INCLUDE THE SAME HOURS SUNDAY IF CONSTRUCTION ACTIVITIES ARE NO CLOSER THAN 300 FEET TO OCCUPIED RESIDENCES.
 - 2. DUST CONTROL MEASURES SHALL INCLUDE THE FOLLOWING:
 - A. THE CONTRACTOR IS RESPONSIBLE TO FOLLOW THE (CASQA) BMP'S ASSOCIATED WITH THIS PROJECT.
 - 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.
 - F. SPEEDS ON UNPAVED ROADS SHALL NOT EXCEED 15 MPH.
 - G. SUSPEND GRADING AND EXCAVATION IN WINDS OF OVER 20 MPH AS NECESSARY TO HELP CONTROL DUST.
 - 3. CURB SHALL BE PAINTED RED NEAR FIRE HYDRANTS AS PER CALIFORNIA VEHICLE CODE SECTION 22514

REINFORCED CONCRETE STRUCTURES

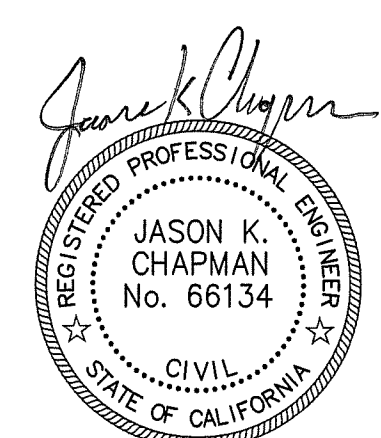
- 1. THE CONTRACTOR SHALL SUBMIT TO GDR ENGINEERING SIX SETS OF REINFORCING STEEL SHOP DRAWINGS. SHOP DRAWINGS SHALL CONSIST OF BAR PLACEMENT AND BENDING DIAGRAM, BAR LISTS AND CUTTING LISTS. NO REINFORCING STEEL SHALL BE PLACED UNTIL AFTER APPROVAL AND DELIVERY OF 2 SETS OF APPROVED SHOP DRAWINGS TO THE CITY ENGINEER.

GENERAL

- 1. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE APPROVED PLANS AND SPECIFICATIONS AND THE FOLLOWING:
 - CITY OF PATTERSON DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS.
 - 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 DEVELOPER.
- 2. 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 RECOMMENDATIONS.
- 3. THIS SET OF IMPROVEMENT PLANS IS VALID FOR CONSTRUCTION PURPOSES ONLY AFTER BEING SIGNED BY THE CITY OF PATTERSON.
- 4. ALL WORK SHALL BE INSPECTED BY THE CITY OF PATTERSON AND CONTRACTOR SHALL REQUEST INSPECTIONS AND TESTING IN ACCORDANCE WITH THE CITY OF PATTERSON DEPARTMENT OF PUBLIC WORKS STANDARD SPECIFICATIONS AND OTHER DOCUMENTS THAT MAY BE IDENTIFIED BY CITY AND/OR OWNER REGARDING INSPECTION AND TESTING REQUIREMENTS.
- 5. NO WORK SHALL BE STARTED IN THE PUBLIC RIGHT-OF-WAY UNTIL AN ENCROACHMENT PERMIT IS OBTAINED FROM THE CITY OF PATTERSON 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.
- 6. 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 ALERT (USA) 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER 811. THE CONTRACTOR SHALL RECORD THE USA 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.
 - 7. 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.
 - 8. 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.
 - 9. 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' 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 THE CALTRANS STANDARD SPECIFICATIONS.
 - 10. ALL CONTRACTORS AND UTILITY COMPANIES INVOLVED IN THE CONSTRUCTION OF THIS PROJECT SHALL ATTEND A PRE-JOB CONFERENCE ARRANGED BY THE DEVELOPER AND/OR ENGINEER. THE MEETING WILL BE HELD AT THE CITY DEPARTMENT OF PUBLIC WORKS OFFICE FOR THE PURPOSE OF HELPING TO COORDINATE CONSTRUCTION AND INSPECTION OF THE PROJECT.
 - 11. 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 608 OF THE CALIFORNIA STATE PENAL CODE TO ENSURE THAT MONUMENT CONSERVATION HAS BEEN PROPERLY ADDRESSED.
 - 12. IT IS REQUIRED THAT ANY EXISTING IRRIGATION LINES IMPACTED DURING CONSTRUCTION BE RESTORED TO ORIGINAL CONDITION AT NO COST.

CONSTRUCTION GENERAL

- 1. 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.
- 2. THE BIDDER SHALL EXAMINE CAREFULLY THE SITE OF THE WORK CONTEMPLATED, THE PLANS, SPECIFICATIONS AND THE PROPOSAL OR BID FORMS THEREOF. 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.
- 3. 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 RECORD DRAWINGS 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 VERIFICATION.
- 4. APPROPRIATE DUST CONTROL SHALL BE PROVIDED FOR ALLEVATION 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 PATTERSON.
 - THE CONTRACTOR SHALL USE ALL REASONABLE EFFORTS TO OBTAIN NON-POTABLE WATER FOR CONSTRUCTION OR DUST CONTROL PURPOSES. SEE ITEM 3 UNDER MISCELLANEOUS ALSO.
 - 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 PUBLIC WORKS DEPARTMENT. FEES, DEPOSITS, AND WATER RATES ARE LISTED ON THE APPLICATION.
- 5. 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 COST OF RELOCATING, REMOVING AND/OR REPLACING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR RELATED ITEMS OF WORK.
- 6. 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 EXPENSE.
- 7. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR COSTS RESULTING FROM ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER AND ENGINEER.
- 8. 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.
- 9. **MONUMENT PRESERVATION & PROTECTION:** CONTRACTOR IS RESPONSIBLE FOR PRESERVATION AND/OR PERPETUATION OF ALL EXISTING MONUMENTS WHICH CONTROL SUBDIVISIONS, TRACTS, BOUNDARIES, STREETS, HIGHWAYS, EASEMENTS, OR OTHER RIGHT-OF-WAY, EASEMENTS, OR PROVIDE SURVEY CONTROL WHICH WILL BE DISTURBED OR REMOVED DUE TO CONTRACTOR'S WORK. CONTRACTOR SHALL PROVIDE A MINIMUM OF 10 WORKING DAYS NOTICE TO PROJECT ENGINEER/SURVEYOR PRIOR TO DISTURBANCE OR REMOVAL OF EXISTING MONUMENTS. PROJECT ENGINEER/SURVEYOR SHALL COORDINATE WITH CONTRACTOR TO RESET MONUMENTS OR PROVIDE PERMANENT WALL MONUMENTS AND FILE THE REQUIRED DOCUMENTATION WITH THE COUNTY.
 - NOTE:** 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.**
 - UTILITY COMPANIES:** PACIFIC GAS & ELECTRIC COMPANY DELINEATION/REQUESTS@PG&E.COM (RECEIVED RESPONSE) FRONTIER ATTN: CLARENCE NONAN 9260 EAST STOCKTON BLVD. ELK GROVE, CA 95624 (DID NOT RECEIVE RESPONSE) COMCAST ATTN: ANTHONY STOCKTON 6505 TAM O'SHANER DRIVE STOCKTON, CA 95210 (RECEIVED RESPONSE) PATTERSON IRRIGATION DISTRICT ATTN: VINCE LICCHESI P.O. BOX 685 PATTERSON, CA 95363-685 (RECEIVED RESPONSE) TURLOCK IRRIGATION DEPARTMENT ATTN: DAVID PORATH P.O. BOX 949 TURLOCK, CA 95381 (RECEIVED RESPONSE) CITY OF PATTERSON ATTN: TIFFANY RODRIGUEZ P.O. BOX 667 PATTERSON, CA 95363 (RECEIVED RESPONSE)



12/15/2025
DATE SIGNED:



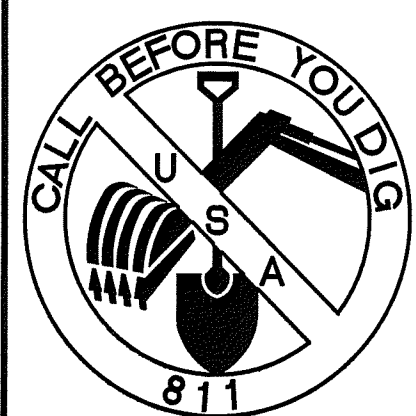
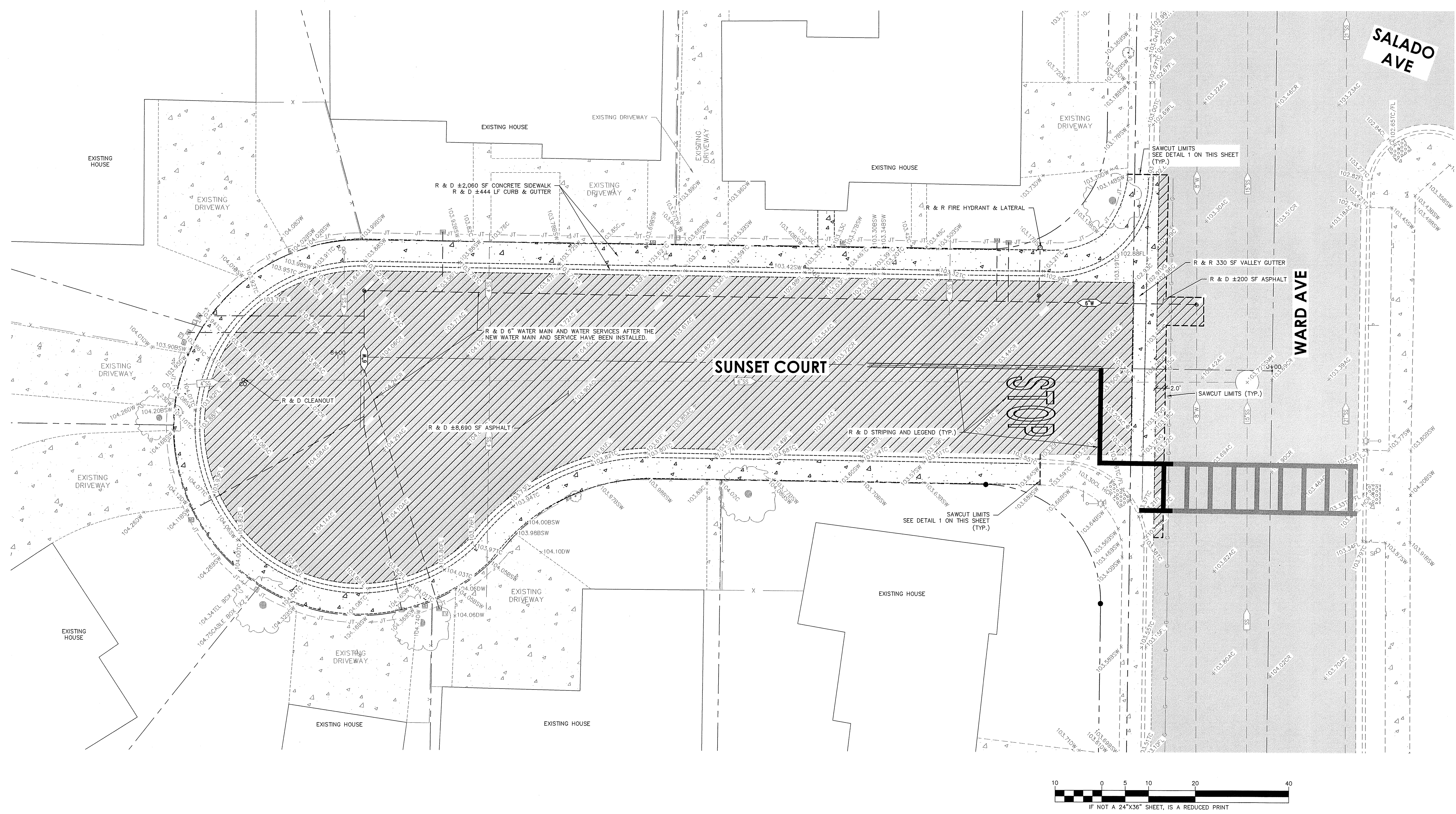
UNDERGROUND FACILITIES SHOWN WERE LOCATED BASED ON INFORMATION PROVIDED BY UTILITY COMPANIES AND BY MEASURING SURFACE FEATURES. NO ATTEMPT WAS MADE TO LOCATE OTHER UNDERGROUND FACILITIES THAT WERE NOT READILY APPARENT FROM A VISUAL INSPECTION OF SURFACE FEATURES.
CONTRACTOR SHALL VERIFY ACTUAL DEPTH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

NOTE:
ALL STREET SURFACE IMPROVEMENT SUBGRADES BE SCARIFIED, AND RECOMPACTED TO 95% FOR SUBGRADE MATERIALS PER ASTM D1557 AT MOISTURE CONTENTS OF AT LEAST 2% ABOVE OPTIMUM MOISTURE CONTENT.

PIPE SCHEDULE	
DESCRIPTION	TYPE OF PIPE
WATER MAIN	POLYVINYL CHLORIDE PIPE (PVC), C900-07, CLASS 235, DR 18

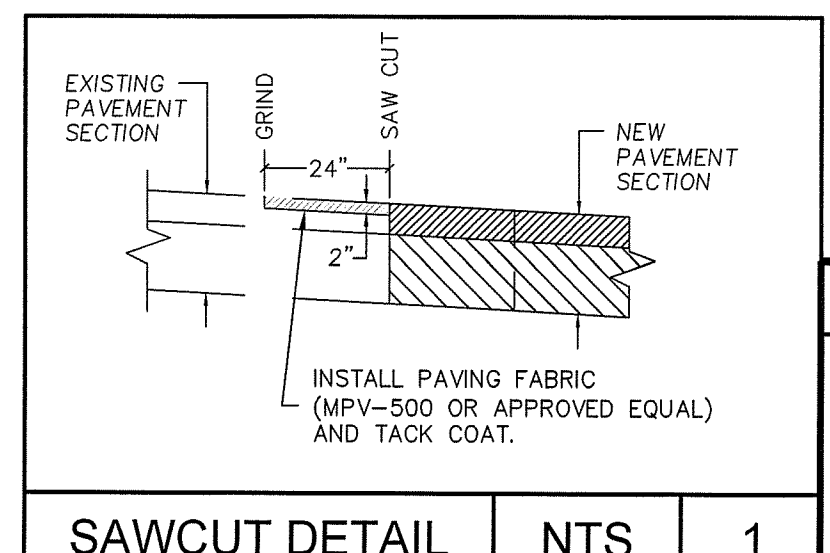
CAUTION: UNAUTHORIZED CHANGES AND USES	
<small>THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS AND THE CITY ENGINEER.</small>	
GDR ENGINEERING, INC. ENGINEERING/SURVEYING/PLANNING 3525 MITCHELL ROAD, SUITE G CERES, CA 95307 TELEPHONE: (209) 538-3360 FAX: (209) 538-3730 E-MAIL: GDRENGINEERING@GDRENGR.COM	
SUNSET COURT IMPROVEMENT PLANS CONSTRUCTION NOTES	
SCALE: AS SHOWN	DATE: 12/25/2025
DWG NO. 23040DSGN.dwg	LAYOUT 2 - NOTES (2)
DRAWN: GP, JA	SHEET: 2 of 7
CHECKED:	FILE NO.: 23040

G:\23040 Patterson - Sunset\ENGINEERING FILES AND DRAWINGS\DRAWINGS\23040DSGN.dwg PLOT Dec 15, 2025 AT 11:15AM



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.

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NOTE:
CONTRACTOR TO POTHOLE AND LOCATED SEWER MAIN AND SEWER LATERALS PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING UTILITY CROSSINGS IN-PLACE.

NOTE:
THIS TOPOGRAPHIC SURVEY PERFORMED MAY 31, 2023 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. THIS SURVEY NOT VALID FOR BOUNDARY PROPOSES.

THE ACTUAL LOCATION OF ALL UNDERGROUND FACILITIES MUST BE VERIFIED PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

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 CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS AND THE CITY ENGINEER.		
DESCRIPTION	DATE	BY

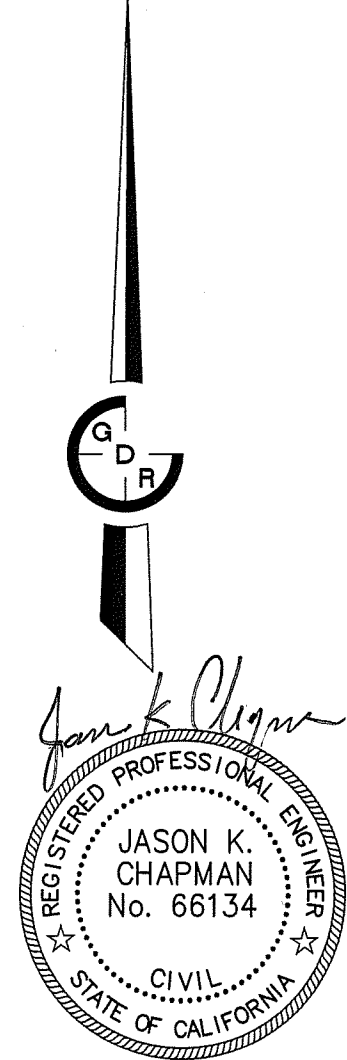
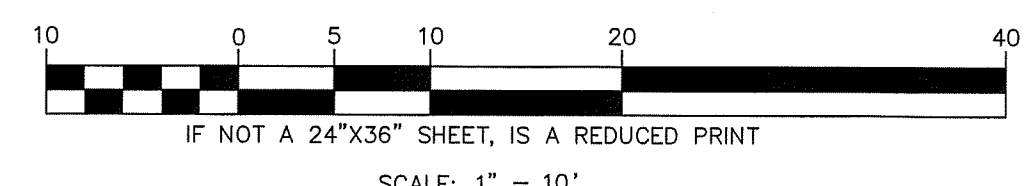
GDR ENGINEERING, INC.
ENGINEERING/SURVEYING/PLANNING
3525 MITCHELL ROAD, SUITE G CERES, CA 95307
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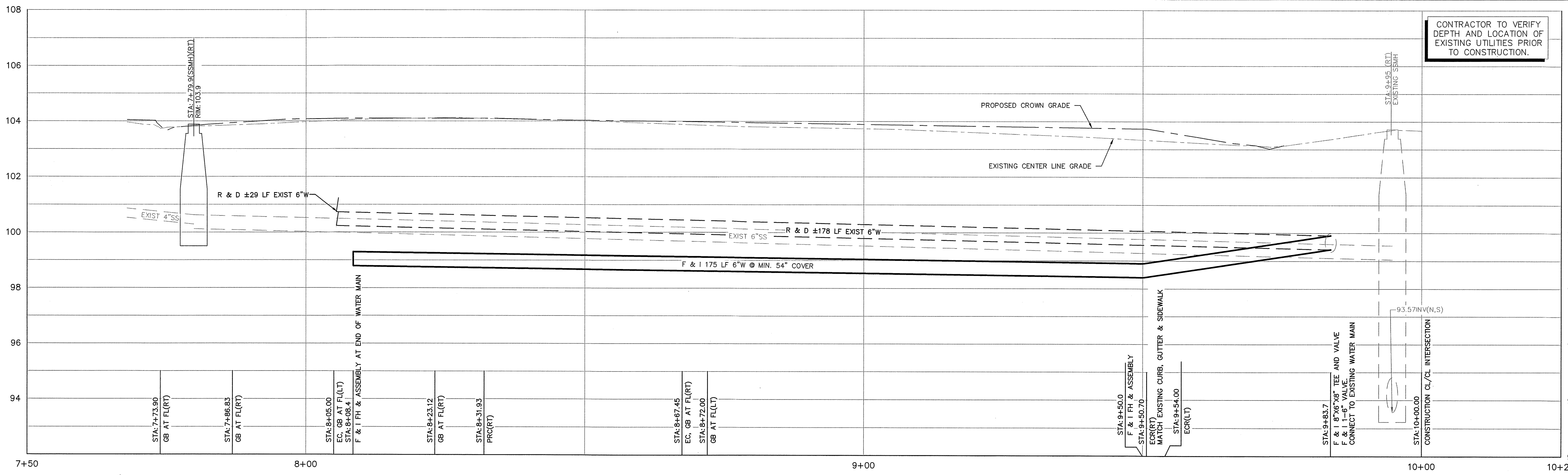
DATE SIGNED: 12/15/2025

REGISTERED PROFESSIONAL ENGINEER
JASON K. CHAPMAN
No. 66134
CIVIL
STATE OF CALIFORNIA

**SUNSET COURT
IMPROVEMENT PLANS
TOPOGRAPHY & DEMOLITION PLAN**

SCALE: AS SHOWN DATE: 12/25/2025
DWG No. 23040DSGN.dwg LAYOUT: 3-TOPO SHEET: 3 of 7
DRAWN: GFL, JA FILE NO. 23040





CONTRACTOR TO VERIFY DEPTH AND LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.



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.

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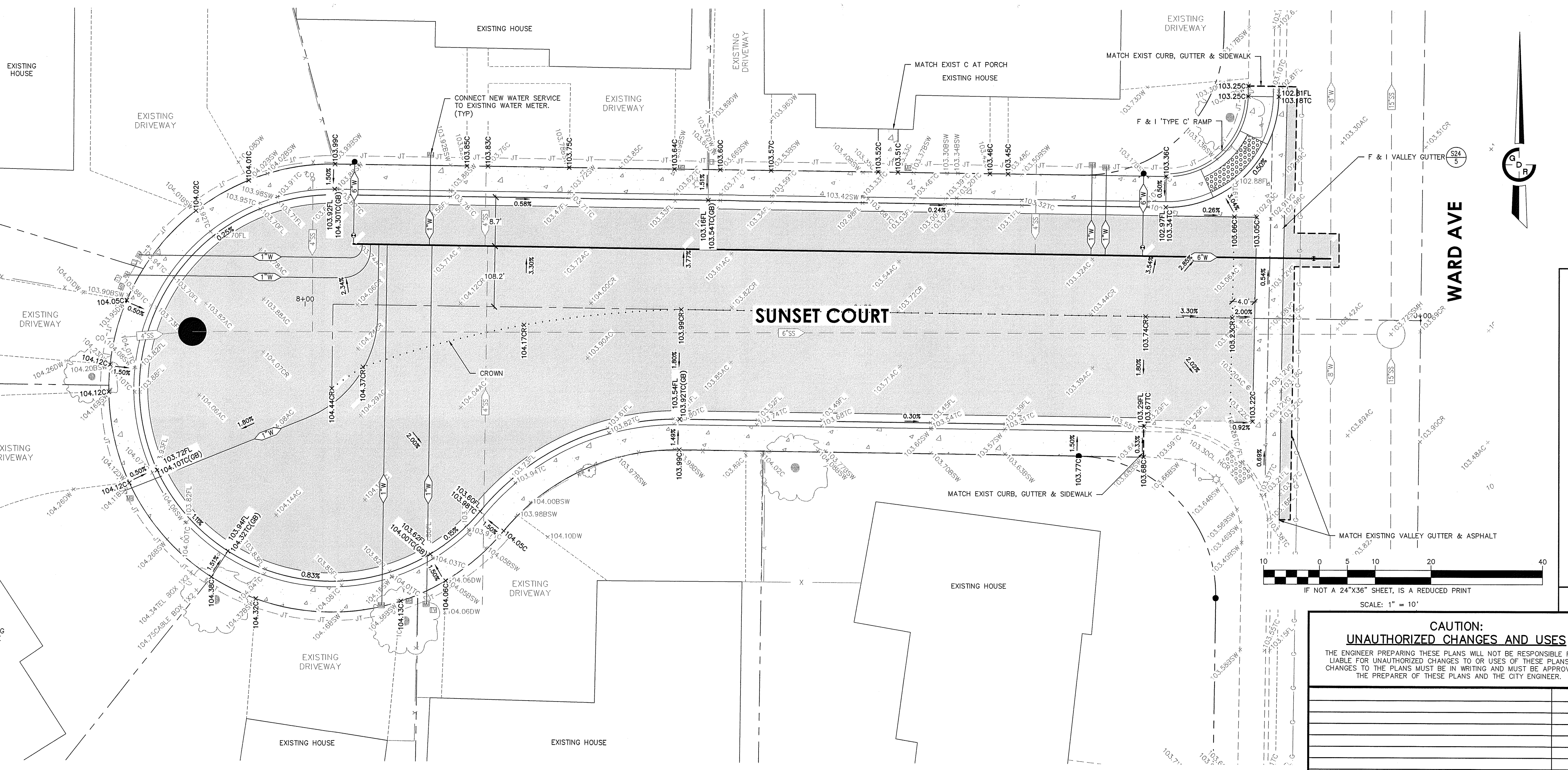
PAVING LEGEND:

- AC PAVING (R=5, T=6.0): 4" AC OVER 8" AB OVER 12" NATIVE MATERIAL RECOMPACTED @ 95% RELATIVE COMPACTION

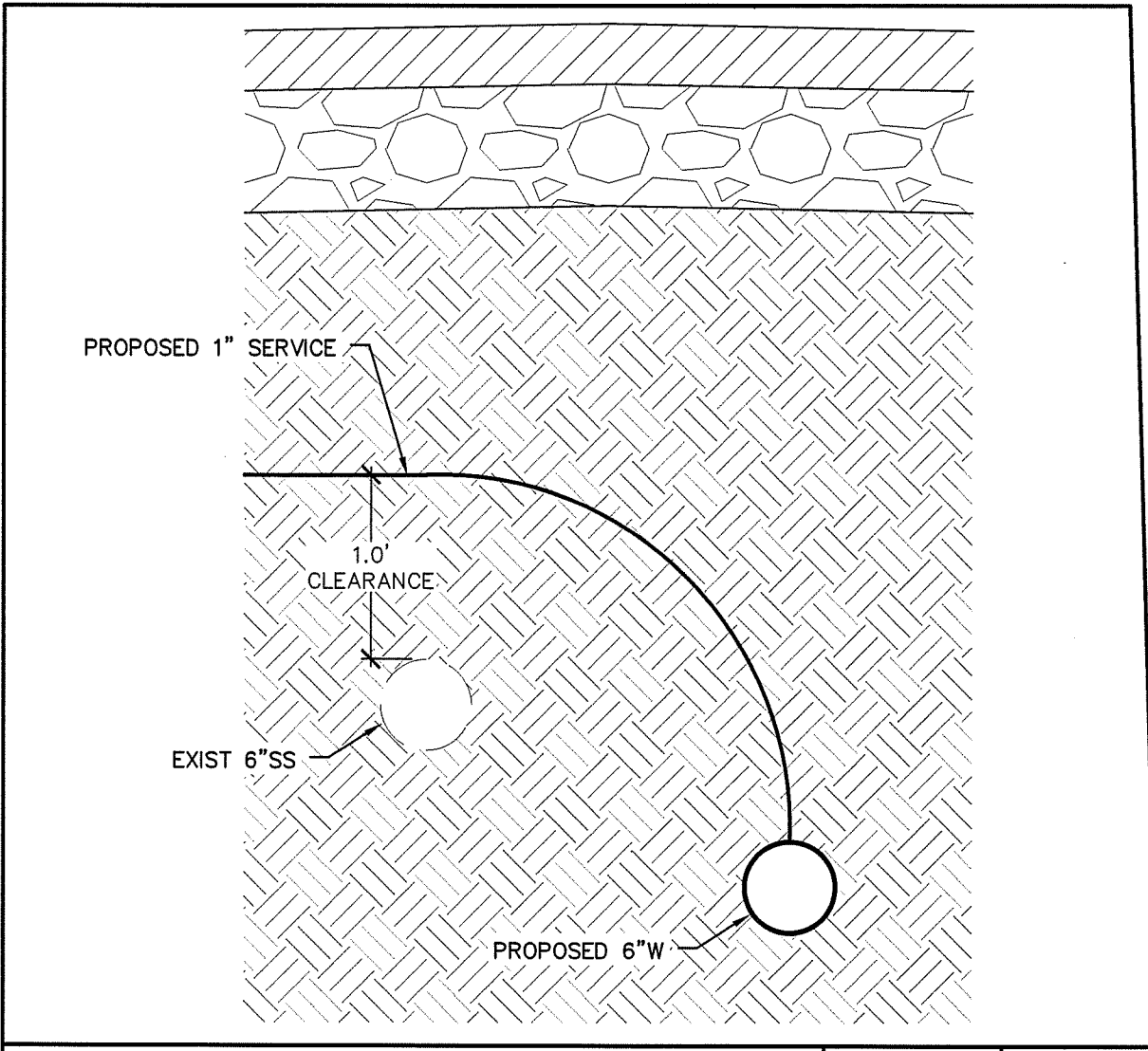
LEGEND:

- 4.5" DRIVE OVER CURB & GUTTER
- CASE C RAMP (CALTRANS)
- MANHOLE
- WATER SERVICE
- WATER MAIN
- WATER VALVE
- FIRE HYDRANT & ASSEMBLY

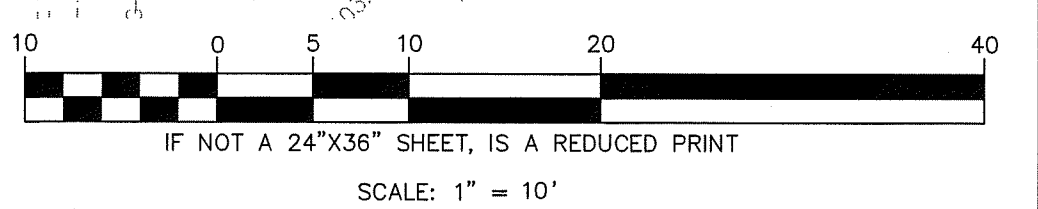
NOTE: W & S SHALL BE STAMPED IN CURB WHERE WATER AND SEWER SERVICES ARE LOCATED



Professional Engineer Seal for Jason K. Chapman, No. 66134, State of California. Date signed: 12/15/2025.



WATER SERVICE CROSSING NTS 1



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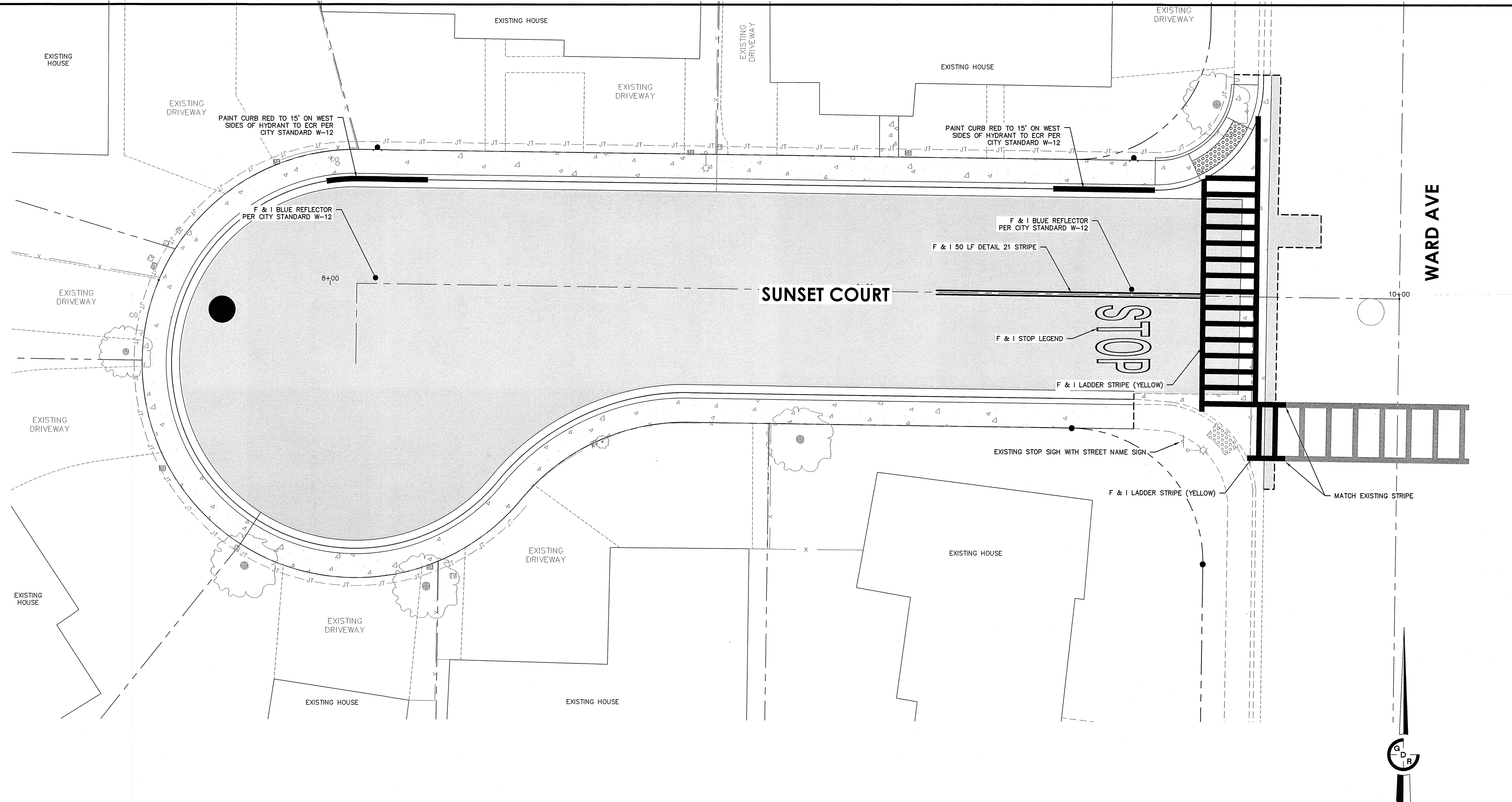
GDR ENGINEERING, INC.
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 TELEPHONE: (209) 538-3360 FAX: (209) 538-7370
 E-MAIL: GDRENGR@GDRRENGR.COM

SUNSET COURT IMPROVEMENT PLANS SUNSET COURT PLAN & PROFILE

SCALE: AS SHOWN DATE: 12/25/2025
 DWG NO: 230400SGN.dwg LAYOUT: 4-PP SHEET: 4 OF 7
 DRAWN: GP, JA CHECKED: FILE NO: 23040

DESCRIPTION	DATE	BY

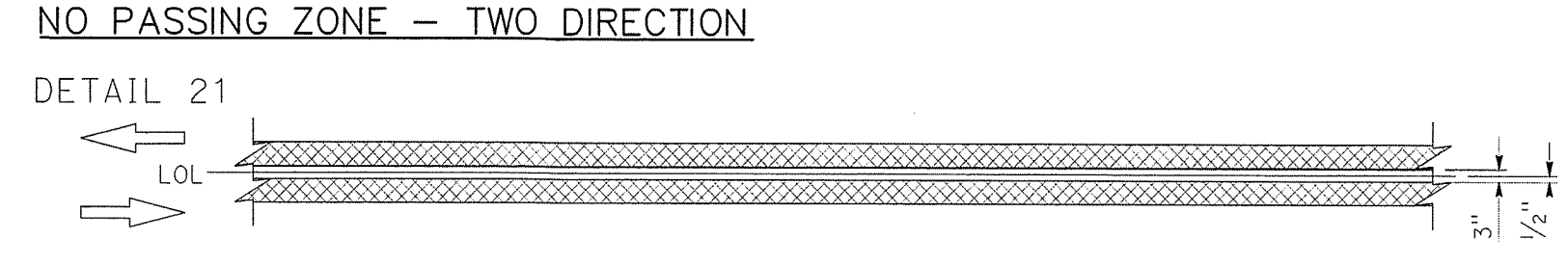
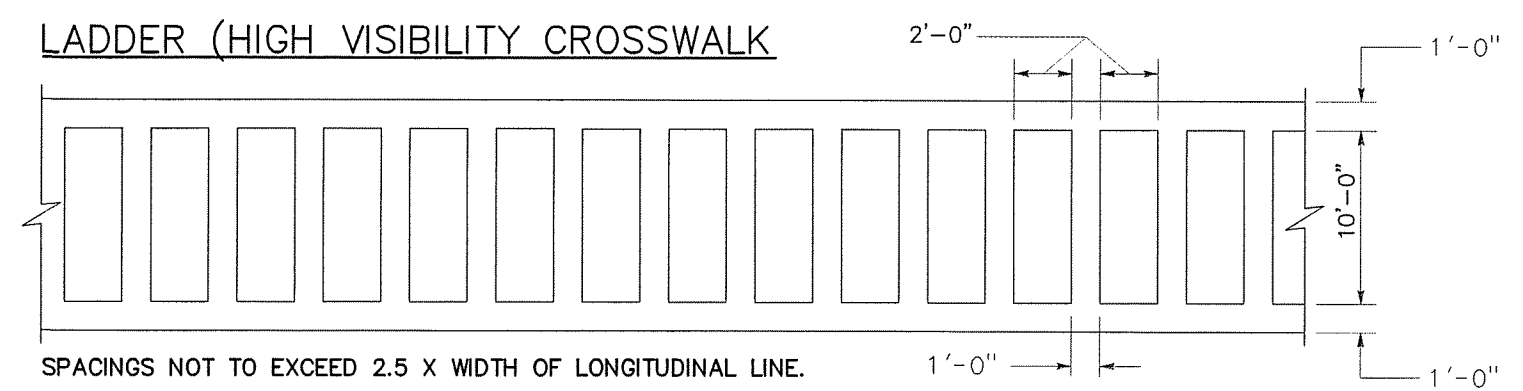
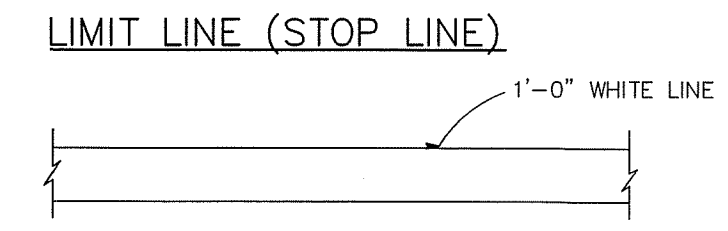
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NOTE:
INSTALL STRIPING & SIGNAGE PER CALTRANS STANDARDS.

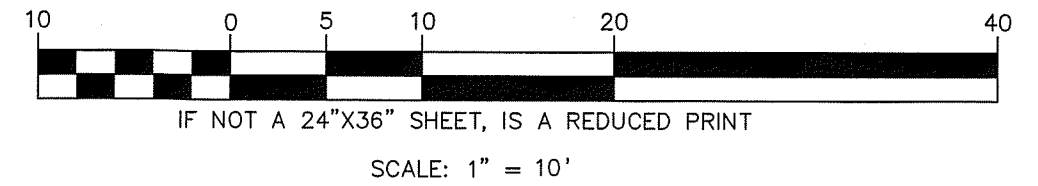
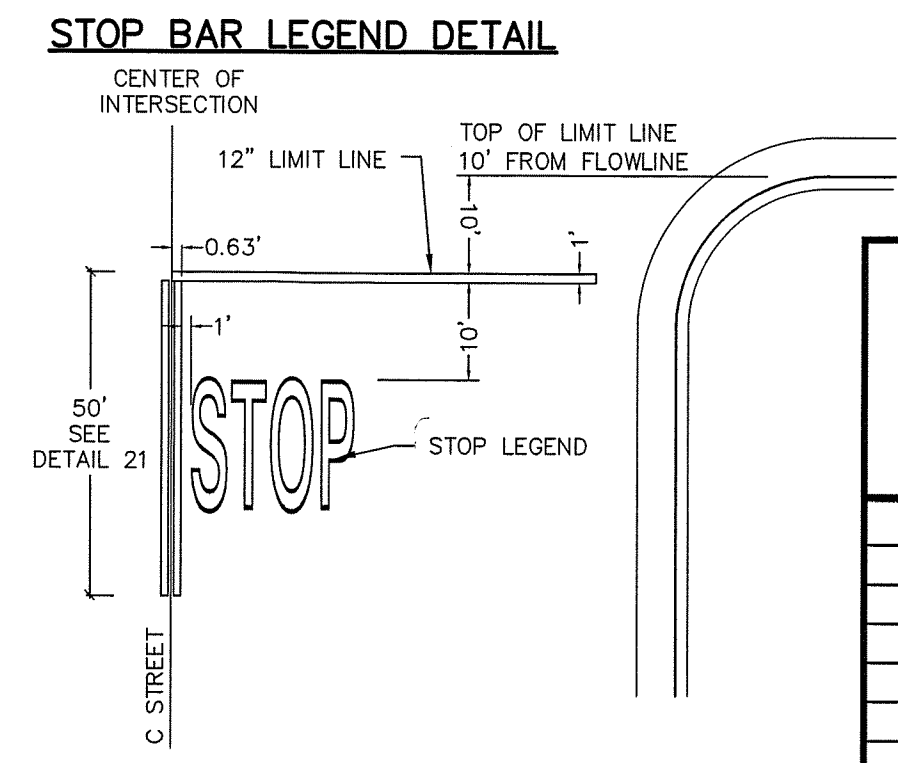
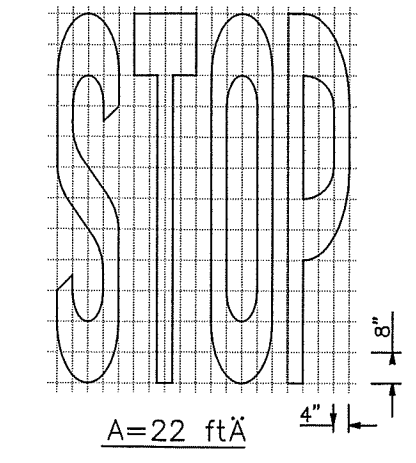
ALL STRIPING AND MARKINGS SHALL BE THERMOPLASTIC TRAFFIC STRIPES (TRAFFIC LINES) AND PAVEMENT MARKINGS SHALL CONFORM TO THE PROVISIONS IN SECTIONS 84-1 "GENERAL" AND 84-2 "THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS" OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED.

INSTALL BLUE REFLECTIVE MARKER 12" OFF CENTER LINE AT EACH FIRE HYDRANT LOCATION.



LEGEND:

- 6" WHITE LINE
- 6" YELLOW LINE



12/15/2025
DATE SIGNED:

Jason K. Chapman
REGISTERED PROFESSIONAL ENGINEER
JASON K. CHAPMAN
No. 66134
CIVIL
STATE OF CALIFORNIA

CAUTION: UNAUTHORIZED CHANGES AND USES

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DESCRIPTION	DATE	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: GDRENGR@GDRENGR.COM

SUNSET COURT IMPROVEMENT PLANS STRIPING PLAN

SCALE: AS SHOWN DATE: 12/25/2025

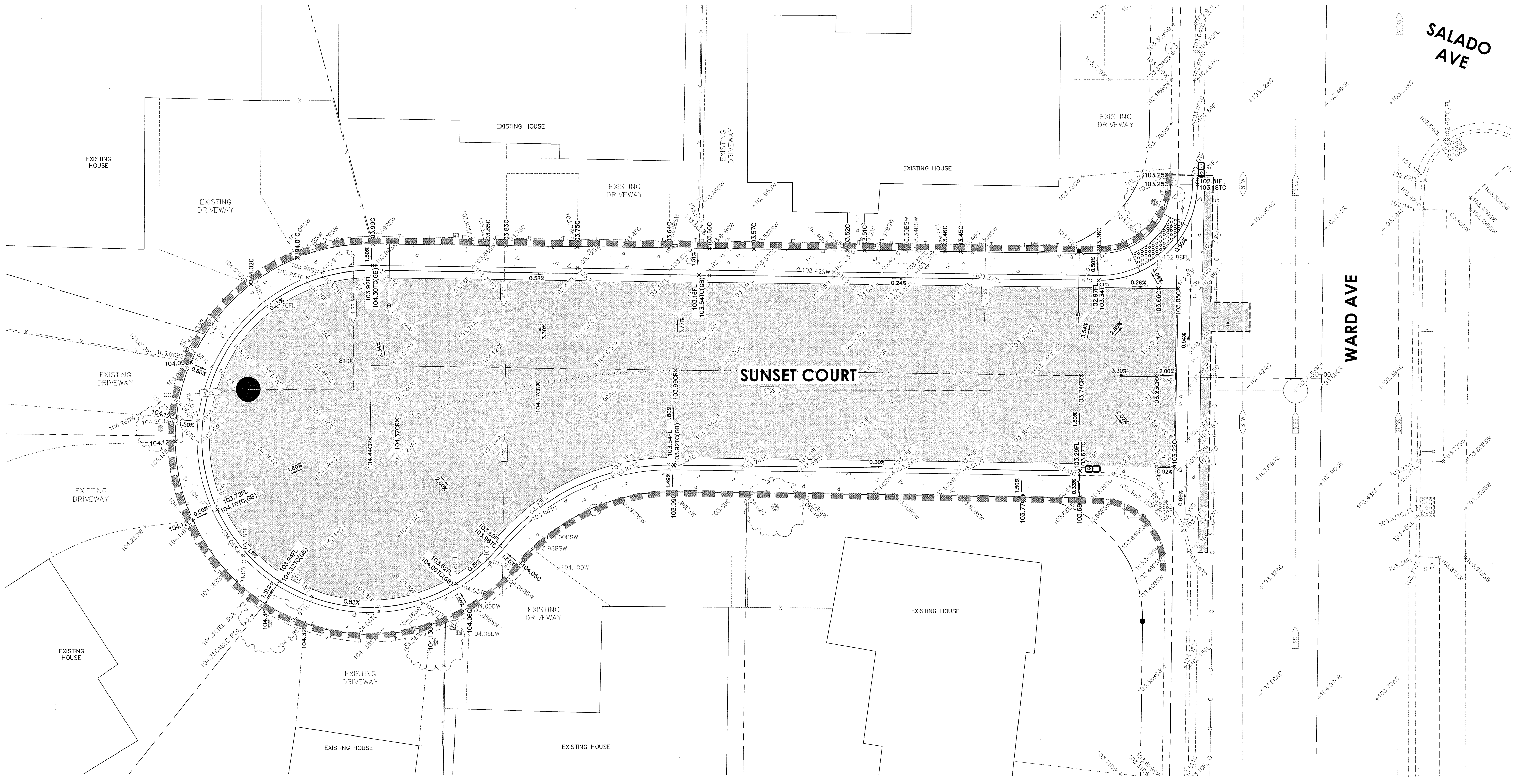
DWG NO. 23040DSGN.dwg LAYOUT 6-STRP SHEET: 6 OF 7

DRAWN: GP, JA CHECKED: FILE NO. 23040

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.

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- NOTES:**
1. ALL STRAW WATTLE NEEDS TO BE INSTALLED ALL AROUND THE WHOLE PERIMETER, REGARDLESS OF CONSTRUCTION STATUS (THIS ALSO INCLUDES HAVING WATTLES UNTIL LANDSCAPING IS COMPLETELY INSTALLED). WHEN INSTALLING THE STRAW WATTLE, MAKE SURE THAT IT IS BEING INSTALLED BEHIND WALK AND IT IS PROPERLY INSTALLED (I.E., WATTLES ARE STAKED DOWN).
 2. INSTALL DRAIN INLET PROTECTION/UNCOMPLETED DRAIN INLET PROTECTION. THIS INCLUDES ROCK BAGS (3/4" INCH OR LARGER ROCK) AND DRAIN INLET FILTERS. ALSO MAKE SURE TO PLACE VELOCITY BAGS THROUGHOUT YOUR SITE. YOU ALSO NEED TO MONITOR YOUR DRAIN INLET PROTECTION TO MAKE SURE THAT IT IS IN GOOD CONDITION.
 3. SWEEP UP STREETS/GUTTERS AT LEAST ON A WEEKLY BASIS. THE BUILDER IS RESPONSIBLE FOR STREET SWEEPING UNTIL THE SITE IS COMPLETELY BUILT OUT.
 4. STREET SWEEPING IS REQUIRED UNTIL THE PROJECT HAS BEEN COMPLETED AND THE DATE OF STREET SWEEPING MUST BE IN ACCORDANCE WITH THE CITY'S OVER ALL STREETS SWEEPING PROGRAM. PLEASE CONTACT JOHN VANCE, (209) 895-8067 PUBLIC WORKS INSPECTOR, TO OBTAIN THE ASSIGNED DAY FOR YOUR AREA.
 5. MAKE ALL SUBCONTRACTORS AWARE THAT TRACKING IS NOT PERMITTED AND IF IT DOES OCCUR, THAT THEY CLEAN UP IMMEDIATELY. IF TRACKING IS FOUND DURING A SWPPP INSPECTION, ENFORCEMENT ACTION IS TAKEN. THIS INCLUDES MONETARY FINES (PLEASE REFER TO YOUR LIST OF FINES).
 6. COVER ALL DIRT PILES AT THE END OF THE WORKDAY OR DURING A RAIN EVENT. COVER ALL OPEN PIPES WITH THE PLASTIC AT THE END OF THE DAY WHEN THEY ARE FULL. THIS WILL HELP KEEP TRASH ENCLOSED AND AVOID TRASH FROM FLYING ALL OVER THE SITE. REMEMBER THAT GENERAL HOUSEKEEPING IS VERY IMPORTANT.
 7. REMOVE ALL DIRT/DEBRIS/TRASH FROM ALL STORM DRAINS STORM DRAINS NEED TO BE KEPT CLEAN AT ALL TIMES.
 8. SEE 'APPENDIX O' IN SWPPP BINDER FOR POST-CONSTRUCTION BMP'S.
 9. SANITARY SEWER AND STORM DRAINS LINES TO BE CLEANED OUT TO ENSURE DEBRIS WON'T ENTER THE CITY SYSTEMS.

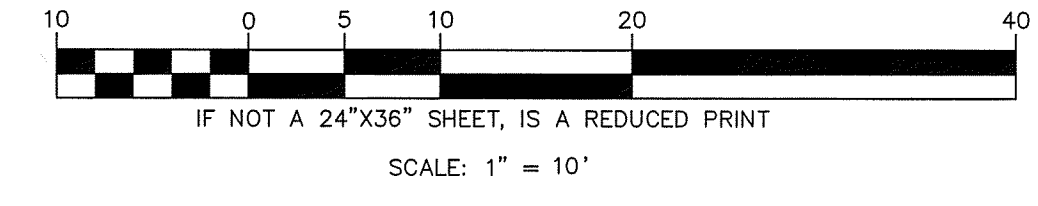
EROSION CONTROL MEASURES

FIBER ROLLS AT BACK OF WALK

PEA GRAVEL BAGS (SE-10 TYPE 3)

STORM WATER POLLUTION PREVENTION PLAN BMP TABLE

CONTRACTOR ACTIVITY:	EROSION & SEDIMENTATION CONTROL
1.) NS-1- WATER CONSERVATION PRACTICES (ENTIRE AREA)	A.) SE-1- SCHEDULING (DESIGNATED AREAS)
2.) NS-3- PAVING AND GRINDING OPERATIONS (PAVING AREA SHADED)	B.) SE-5- FIBER ROLL
3.) NS-7- POTABLE WATER/IRRIGATION (DESIGNATED AREAS)	C.) SE-7- STREET SWEEPING AND VACUUMING (DESIGNATED AREAS)
4.) WM-2- MATERIAL USE (ENTIRE SITE)	D.) SE-10- STORM INLET PROTECTION (DESIGNATED AREAS)
5.) WM-4- SPILL PREVENTION AND CONTROL (ENTIRE SITE)	
6.) WM-5- SOLID WASTE MANAGEMENT (ENTIRE SITE)	
7.) WM-6- HAZARDOUS WASTE MANAGEMENT (DESIGNATED AREAS)	



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GDR ENGINEERING, INC.
ENGINEERING/SURVEYING/PLANNING
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SUNSET COURT IMPROVEMENT PLANS EROSION CONTROL PLAN

SCALE: AS SHOWN DATE: 12/25/2025
DWS NO. 23040DSGN.dwg LAYOUT 7-EROSION SHEET: 7 OF 7
DRAWN: GP, JA CHECKED: FILE NO. 23040

Jason K. Chapman
REGISTERED PROFESSIONAL ENGINEER
JASON K. CHAPMAN
No. 66134
CIVIL
STATE OF CALIFORNIA
12/15/2025
DATE SIGNED: