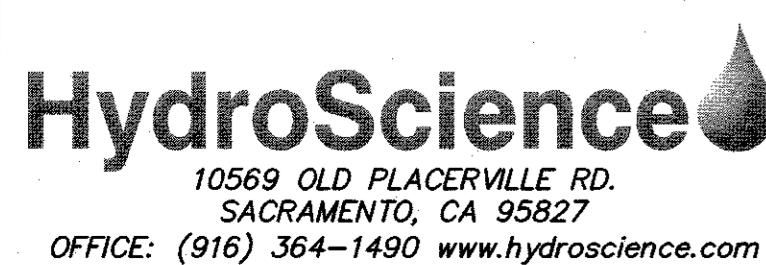


# CITY OF MORGAN HILL

CLIENT PROJECT NO.: WA6001  
HYDROSCIENCE PROJECT NO.: 380-006

# EAGLE VIEW WELL #1 IMPROVEMENTS PROJECT PHASE I - WELL DEVELOPMENT JUNE 2025

# CONTRACT DRAWINGS



**OWNERS/DEVELOPER:**

CITY OF MORGAN HILL  
17575 PEAK AVENUE  
MORGAN HILL, CA 95037

## WATER/SEWER/STORM:

CITY OF MORGAN HILL  
CONTACT PERSON: MARIO PARRAZ  
(408) 776-7333

ELECTRICAL

PG&E  
(877) 660-6789

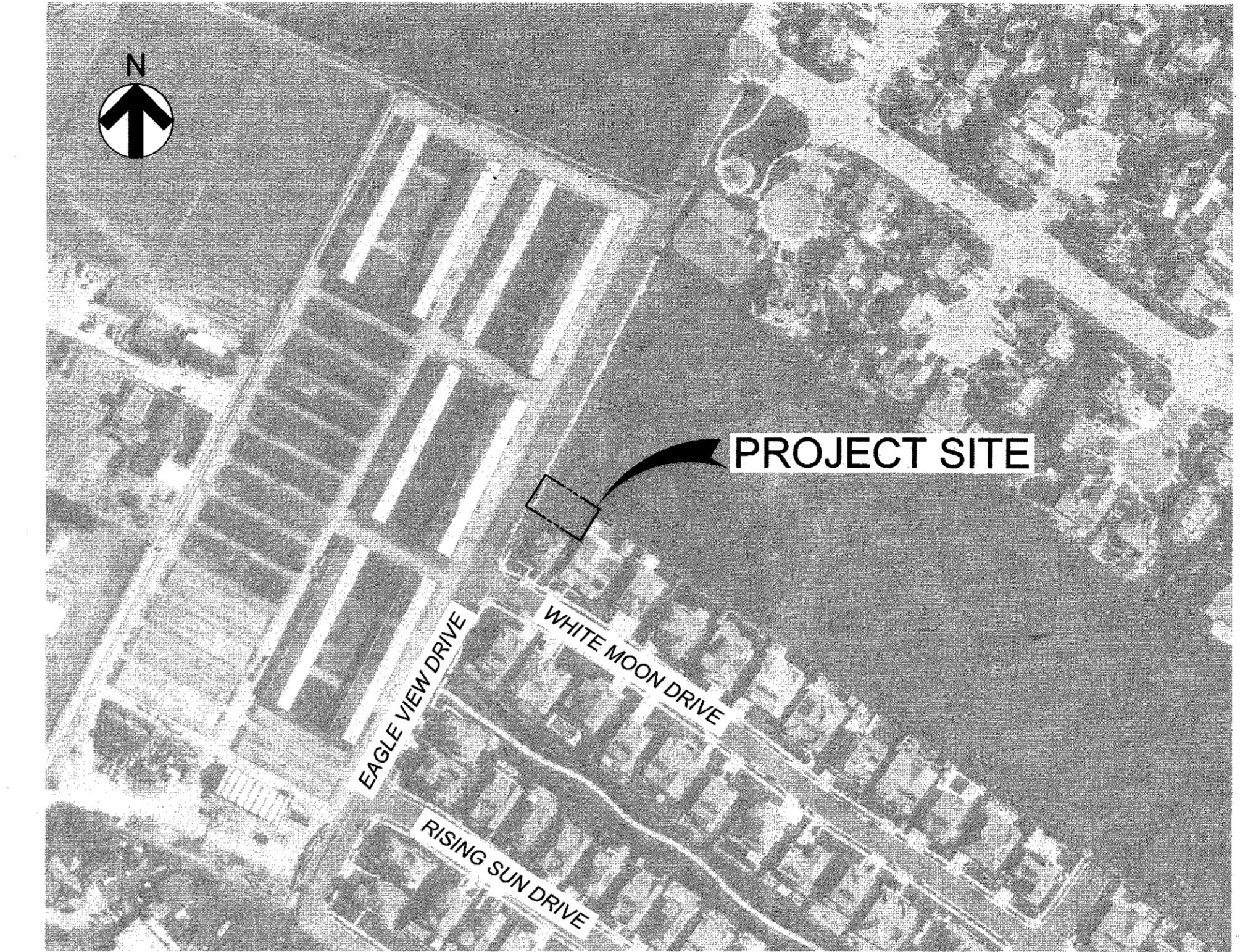
## UNDERGROUND SERVICE ALERT

(U.S.A.)  
(800) 642-2444

## GROUNDWATER RESOURCES

VALLEY WATER  
5750 ALMADEN EXPRESSWAY  
SAN JOSE, CA 95118  
(408) 265-2600

DRAWING INDEX		
SHEET NO.	DWG NO.	DRAWING TITLE
GENERAL		
1	G001	TITLE SHEET AND LOCATION MAP
2	G002	LEGENDS, SYMBOLS & ABBREVIATIONS
3	G003	GENERAL NOTES
4	G004	HORIZONTAL CONTROL PLAN
CIVIL		
5	C101	CIVIL SITE PLAN
6	C201	LITHOLOGY AND WELL PROFILE
7	C401	WELL HEAD AND CASING DETAILS



# LOCATION MAP

PRINT NUMBER: G001	PRINT DATE: 6/27/2025	FILE NUMBER: 1	DESIGNATION: 07	DATE BY:	17575 Peak Avenue Morgan Hill, CA 95037 (408)778-6480, Fax (408)779-7236								
City of Morgan Hill Public Works Department		CITY OF MORGAN HILL		Revisions									
													
<p style="text-align: center;">DRAWN      KMC/AGP      DESIGN      SEW      HOR NAD83      TITLE SHEET AND LOCATION MAP</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">CHECKED <i>DS</i> <i>6/27/2025</i> JS</td> <td style="width: 25%;">DATE</td> <td style="width: 25%;">VERT NAVD88</td> <td style="width: 25%;">JOB NUMBER</td> </tr> <tr> <td>APPROVED</td> <td><i>✓</i></td> <td><i>✓</i></td> <td>380-006</td> </tr> </table> <p style="text-align: right;">SCOTT CREER, CITY ENGINEER R.C.E. #06879 EXP. 6/30/2027</p>						CHECKED <i>DS</i> <i>6/27/2025</i> JS	DATE	VERT NAVD88	JOB NUMBER	APPROVED	<i>✓</i>	<i>✓</i>	380-006
CHECKED <i>DS</i> <i>6/27/2025</i> JS	DATE	VERT NAVD88	JOB NUMBER										
APPROVED	<i>✓</i>	<i>✓</i>	380-006										

## LINE LEGENDS

## CIVIL LEGEND

	PIPING TO BE ABANDONED OR REMOVED
— X" W — X" W — X" W — X" W —	EXISTING X" WATER MAIN PIPE
— > X" SS > — > X" SS > — > X" SS > —	EXISTING X" SANITARY SEWER PIPE
— > X" SD > — > X" SD > — > X" SD > —	EXISTING X" STORM DRAIN LINE
— CULV — CULV — CULV —	EXISTING CULVERT
— E — E — E — E —	EXISTING ELECTRICAL CONDUIT
— X" G — X" G — X" G — X" G —	EXISTING X" GAS LINE
— COMM — COMM — COMM —	EXISTING COMMUNICATIONS LINE
— E(OH) — E(OH) — E(OH) —	EXISTING OVERHEAD ELECTRICAL LINE
— C(OH) — C(OH) — C(OH) —	EXISTING OVERHEAD COMM LINE
— JT(OH) — JT(OH) — JT(OH) —	EXISTING OVERHEAD JOINT LINE
— UNK — UNK — UNK — UNK —	EXISTING UNKNOWN PIPE
— — — — —	EXISTING EP
— — — — —	EXISTING PROPERTY LINE/RIGHT-OF-WAY
— X" W — X" W — X" W — X" W —	NEW X" WATER PIPE
— > X" SS > — > X" SS > — > X" SS > —	NEW X" SANITARY SEWER PIPE
— > X" SD > — > X" SD > — > X" SD > —	NEW X" STORM DRAIN LINE
— E — E — E — E —	NEW ELECTRICAL CONDUIT
— — — — —	NEW EP

## GENERAL SYMBOLS

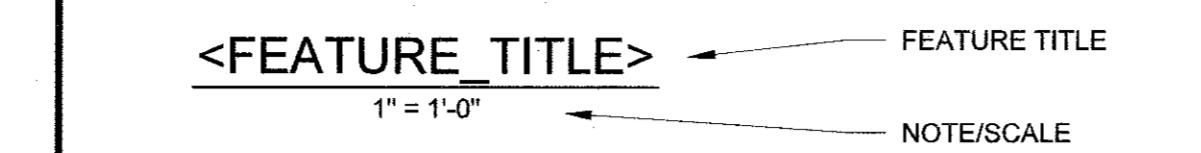
## MISCELLANEOUS SYMBOLS

—	SINGLE LINE CONTINUATION
—	DOUBLE LINE CONTINUATION
—	GENERAL CONTINUATION
—	WATERLINE
— PH#	POTHOLE
— BH#	BORING HOLE
—	SURVEY CONTROL POINT/COORDINATE POINT
—	SURVEY MONUMENT
N	NORTH ARROW
— 50	INTERSTATE
— 650	HIGHWAY

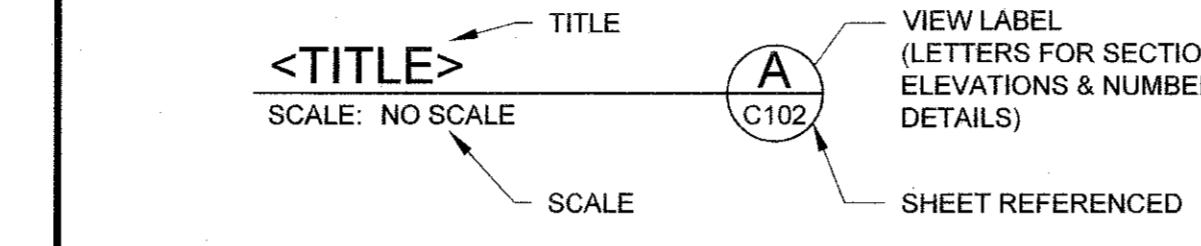
## REFERENCE LABELS

## VIEW TITLES, SECTION/DETAIL &amp; PHOTO CALL-OUTS

## (1) MAIN FEATURE TITLE



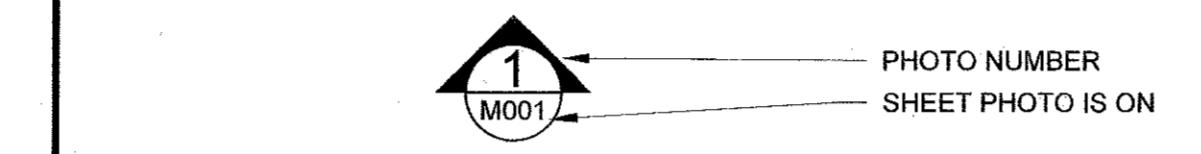
## (2) DETAIL/SECTION/ELEVATION TITLE:



## (3) SECTION/ELEVATION CALL OUT:



## (4) PHOTO CALL OUT: PHOTO 1 FROM DWG M001:



## SERVICE IDENTIFICATION SYSTEM

## SERVICE ABBREVIATIONS

SERVICE ABBREVIATION	C	ELECTRICAL CONTROL
PIPE SIZE (NOMINAL)	D	DRAIN
EFF	E	EFFLUENT
FA	F	ELECTRICAL SERVICE
SEE NOTES 1 & 3	OF	FOUL AIR
NOTE/REFERENCE	NPW	OVERFLOW
SERVICE ABBREVIATION	PW	POTABLE WATER
PIPE SIZE (NOMINAL)	RW	RECYCLED WATER/RAW WATER
SD	SD	STORM DRAIN
SMP	SS	SAMPLE
SS	SS	SANITARY SEWER
SSFM	SSFM	SANITARY SEWER FORCE MAIN
XX"XX	V	VENT
DIRECTION OF FLOW	W	WATER SERVICE

## PATTERNS LEGEND

## PATTERN LEGEND

NEW	EXISTING
	N/A DEMOLITION AREA
	AC W/ AB (SECTION VIEW)
	NATURAL GROUND OR GRADE
	COMPACTED BACKFILL
	AB (SECTION VIEW)
	CONCRETE
	CHECKER PLATE
	STEEL OR STAINLESS STEEL
	AC PAVEMENT (PLAN VIEW) OR GROUT (SECTION VIEW)
	GRATING
	MISCELLANEOUS MATERIAL
N/A	HIGHLIGHTED AREA

## TYPICAL PIPING SYMBOLS

●	SANITARY SEWER MANHOLE
●	STORM DRAIN MANHOLE
△	GATE VALVE
□	BUTTERFLY VALVE
□	PLUG VALVE
□	CHECK VALVE
□	REDUCER
FM	FLOW METER
■	BACKFLOW PREVENTER
■■	DROP INLET
○	FIRE HYDRANT
—	CAP
— II	BLIND FLANGE
— #	HOSE BIBB
○	CLEAN OUT

## ABBREVIATIONS

A	AB	ANCHOR BOLT/AGGREGATE BASE
A/C	AIR CONDITIONER	FUTURE
AC	ASPHALT CONCRETE	FOUL AIR
AFF	ABOVE FINISHED FLOOR	FIRE ALARM CONTROL
AI	ANALOG INPUT	FACP
AL	ALUMINUM	PANEL
ALT	ALTERNATE	FC
APPROX	APPROXIMATE(LY)	FLEX COUPLING
AUX	AUXILIARY	FLANGE ADAPTER
AVE	AVENUE	FLOOR DRAIN/FIRE DAMPER
B	BF	FLOOR
	BFC	FIBER OPTIC/FAIL OPEN
	BLDG	FIBERGLASS REINFORCED PIPE
	BM	FIRE SERVICE/FLOW SWITCH
	BTM	FEET
	BV	FOOTING
C	CIP	FLEXIBLE
	CJ	FLANGE(D)
	CONC	FLOOR
	CONT	FIBER OPTIC/FAIL OPEN
	CPLG	FIBERGLASS REINFORCED PIPE
	CV	FIRE SERVICE/FLOW SWITCH
D	DEMOLISH	FEET
	DRAIN	FOOTING
	DET	FLOAT SWITCH
	DI	FLEXIBLE
	DIA	FLANGE(D)
	DIP	FLOOR
	DWG	FIBERGLASS REINFORCED PIPE
E	EXISTING	FIBERGLASS REINFORCED PIPE
	EAST	FIRE SERVICE/FLOW SWITCH
	EACH	FOOTING
	EG	FLEXIBLE
	EL	FLANGE(D)
	EMBED	FLOOR
	EMERG	FIBERGLASS REINFORCED PIPE
	EP	FIRE SERVICE/FLOW SWITCH
	EQUIP	FOOTING
	EW	FLEXIBLE
	EXIST	FLANGE(D)
	EW & T&B	FLOOR
	EXP	FLEXIBLE
	EXT	FLANGE(D)
G	GALV	FLEXIBLE
	GEN	FLANGE(D)
	GPM	FLOOR
	GROUT/GRADE	FIBERGLASS REINFORCED PIPE
	GSN	FIRE SERVICE/FLOW SWITCH
	GSP	FOOTING
	GV	FLEXIBLE
H	HIGH	FLEXIBLE
	HORIZ	FLANGE(D)
	HP	FLOOR
	HIGH PRESSURE/HIGH POINT	FLEXIBLE
	/HORSEPOWER	FLANGE(D)
	HPS	FLEXIBLE
	HSS	FLOOR
	HOLLOW STRUCTURE STEEL	FLEXIBLE
	HT	FLEXIBLE
	HEIGHT/HIGH	FLANGE(D)
	HYD	FLEXIBLE
I	INVERT ELEVATION	FLEXIBLE
	INCH	FLANGE(D)
	INSTRUMENTATION	FLEXIBLE
	INVERT	FLANGE(D)
	IRRIGATION	FLEXIBLE
J	JOINT	FLEXIBLE
L	LENGTH	FLEXIBLE

M	MAX	MAXIMUM
MECH	MECHANICAL	MECHANICAL
MFR	MANUFACTURER	MANUFACTURER
MGD	MILLION GALLONS PER DAY	MILLION GALLONS PER DAY
MH	MANHOLE	MANHOLE
MIN	MINIMUM/MINUTE	MINIMUM/MINUTE
MINS	MINUTES	MINUTES
MISC	MISCELLANEOUS	MISCELLANEOUS
MJ	MECHANICAL JOINT	MECHANICAL JOINT
MOV	MOTOR OPERATED VALVE	MOTOR OPERATED VALVE
MTD	MANUAL TRANSFER SWITCH	MANUAL TRANSFER SWITCH
MTR	MOTOR	MOTOR
N	NEW	NEW
N	NEUTRAL/NORTH	NEUTRAL/NORTH
N/A	NOT APPLICABLE	NOT APPLICABLE
NO	NORMALLY OPEN	NORMALLY OPEN
NPW	NON-POWABLE WATER	NON-POWABLE WATER
NTS	NOT TO SCALE	NOT TO SCALE
O	OPEN	OPEN
OC	ON CENTER	ON CENTER
OD	OUTSIDE DIAMETER	OUTSIDE DIAMETER
OF	OUTSIDE FACE, OVERFLOW	OUTSIDE FACE, OVERFLOW
OFMH	OVERFLOW MANHOLE	OVERFLOW MANHOLE
P	PE	PLAIN END
PL/t	PROPERTY LINE/Pipeline/PLATE	PROPERTY LINE/Pipeline/PLATE
PMP	PUMP	PUMP
PROVIDE	FURNISH, INSTALL AND CONNECT	FURNISH, INSTALL AND CONNECT
PSI	POUNDS PER SQUARE INCH	POUNDS PER SQUARE INCH
PV	PLUG VALVE	PLUG VALVE
PVC	POLY/VINYL/CHLORIDE	POLY/VINYL/CHLORIDE
PVT	PAVEMENT	PAVEMENT
PW	POTABLE WATER	POTABLE WATER
Q	RATE OF FLOW	RATE OF FLOW
QCPLG	QUICK COUPLING	QUICK COUPLING
R	RADIUS/RIGHT	RADIUS/RIGHT
R/C	REINFORCED CONCRETE	REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE	REINFORCED CONCRETE PIPE
RD	ROAD	ROAD
RED	REDUCER	REDUCER
REF	REFERENCE	REFERENCE
REINF	REINFORCE/REINFORCING	REINFORCE/REINFORCING
REL	RELAY	RELAY
RFCA	RESTRAINED FLANGE COUPLING	RESTRAINED FLANGE COUPLING
RGS	RIGID GALVANIZED STEEL	RIGID GALVANIZED STEEL
RMS	ROOT MEAN SQUARE	ROOT MEAN SQUARE
RW	RECYCLED WATER	RECYCLED WATER
U	UTILITY BOX	UTILITY BOX
UG	UNDERGROUND	UNDERGROUND
UN	UNION	UNION
UNKN	UNKNOWN	UNKNOWN
UON		

## GENERAL NOTES

- THE ENGINEER ASSUMES NO RESPONSIBILITY BEYOND ADEQUACY OF THE DESIGN CONTAINED HEREIN.
- CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMITS NECESSARY TO PERFORM THE IMPROVEMENTS IN THESE PLANS FROM THE APPROPRIATE AGENCIES AND TO COMPLY WITH THE CITY'S REQUIREMENTS. THE CONTRACTOR MUST COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGGERS, OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY AND WORKER SAFETY IN ACCORDANCE WITH LATEST CALTRANS, CA MUTCD, AND CAL-OSHA SPECIFICATIONS.
- IF ANY CULTURAL FEATURES OR ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING, OR OTHER EXCAVATION WORK, ALL WORK WITHIN ONE HUNDRED (100) FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST CERTIFIED BY THE REGISTER OF PROFESSIONAL ARCHAEOLOGISTS (RPA) AND/OR SOCIETY FOR CALIFORNIA ARCHAEOLOGY (SCA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND APPROPRIATE MITIGATION MEASURES ARE DETERMINED AND IMPLEMENTED.
- WHERE PRACTICABLE AS DETERMINED BY THE CITY, THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS ALONG WALKWAYS, INCLUDING PUBLIC SIDEWALKS, AT ALL TIMES. THE CITY'S PUBLIC WORKS INSPECTOR MUST APPROVE SIDEWALK CLOSURES IN ADVANCE. WALKWAYS SHALL BE REOPENED AT THE END OF EACH WORKING DAY. WELL COMPACTED BASE ROCK MAY BE USED AS A TEMPORARY WALKING SURFACE.
- THE CONTRACTOR IS RESPONSIBLE FOR HAVING A COMPLETE AND CURRENT COPY OF THE APPROVED PLAN ON THE JOB SITE AT ALL TIMES.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY.
- THE LOCATION OF SURFACE UTILITIES SHOWN ON THESE PLANS IS APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE TO IDENTIFY THE EXACT LOCATION OF SURFACE UTILITIES. THIS IDENTIFICATION SHALL BE VERIFIED AND COORDINATED BY THE CONTRACTOR WITH THE APPROPRIATE UTILITY COMPANY AS REQUIRED. CALL U.S.A. (UNDERGROUND SERVICE ALERT) FOR UTILITY LOCATION QUESTIONS AT LEAST 48 HOURS BEFORE DIGGING. PHONE 1-800-642-2444 (OR DIAL 811).
- ALL EXISTING STREET SURFACE FEATURES (MANHOLES, CLEAN-OUTS, MONUMENTS, STRIPING, PAVEMENT MARKINGS, ETC.) SHALL BE REFERENCED BY THE CONTRACTOR PRIOR TO THE START OF ANY WORK.
- CONTRACTOR SHALL PROVIDE A TWO (2) WEEK ADVANCE NOTICE AND 72-HOUR ADVANCE NOTICE TO PROPERTY OWNERS AND RESIDENTS PRIOR TO COMMENCING CONSTRUCTION WORK. NOTIFICATION TO BE BY LETTER AND SHALL BE APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL PROVIDE ALL TRAFFIC CONTROL, PAVEMENT CUTTING, TRENCHING, SHORING, BACKFILL, PAVEMENT, & PAVEMENT MARKING REPLACEMENT IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD CONSTRUCTION SPECIFICATIONS FOR THE CITY OR COUNTY STANDARD IN WHICH THE WORK IS BEING DONE.
- THE CONTRACTOR SHALL SUBMIT A PROPOSED HAUL ROUTE AND SHALL NOT BEGIN HAULING UNTIL RECEIVING WRITTEN APPROVAL OF THE PROPOSED HAUL ROUTE FROM THE CITY.
- DUST CONTROL - THE CONTRACTOR SHALL CONTROL DUST TO THE MAXIMUM EXTENT PRACTICABLE, MEETING OR EXCEEDING REQUIREMENTS ESTABLISHED BY THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT, AND AS REQUIRED IN THE PROJECT SPECIFICATIONS.
- SAFETY MEASURES - AT ALL TIMES, INCLUDING NON-WORKING HOURS, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, CONTRACTOR'S OPERATIONS AND/OR MATERIALS AND EQUIPMENT STORED IN THE STAGING AREAS, INCLUDING SAFETY OF PERSONS AND PROPERTY, AND FOR ALL NECESSARY INDEPENDENT ENGINEERING REVIEW OF THE CONDITIONS. THE ENGINEER'S JOB SITE REVIEW IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING A WATER POLLUTION CONTROL PLAN FOR APPROVAL BY THE ENGINEER. CONTRACTOR SHALL IMPLEMENT THE WPCP THROUGHOUT THE DURATION OF THE PROJECT, AND AS REQUIRED IN THE PROJECT SPECIFICATIONS.

## GENERAL NOTES

## ROADWAY EXCAVATION

- PAVEMENT STRIPING DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE REPLACED IN KIND BY THE CONTRACTOR, UNLESS OTHERWISE INDICATED ON THE PLANS OR DIRECTED BY THE ENGINEER.

## DRIVEWAY ACCESS

- THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS OF PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.

## SITE RESTORATION

- EXISTING LANDSCAPING WITHIN THE AREA OF WORK SHALL BE CAREFULLY REMOVED AND REPLACED IN KIND WITH MINIMAL DAMAGE. LANDSCAPE SOIL SHALL BE REPLACED WHEN DIRECTED BY THE ENGINEER WITH BACKFILL MIX PER THE STATED STANDARD SPECIFICATIONS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL RETURN THE PRIVATE YARDS, SIDEWALKS, PLANTERS, IRRIGATION SYSTEMS, AND OTHER FACILITIES, PUBLIC OR PRIVATE, DISTURBED BY THE WORK TO THE SAME OR BETTER CONDITION THAT EXISTED PRIOR TO COMMENCEMENT OF THE WORK AND SHALL MAKE A REASONABLE EFFORT TO RESTORE EACH PRIVATE YARD DISTURBED BY THE WORK WITHIN ONE WEEK AFTER THE WORK IS COMPLETE ON THE SAME YARD EXCEPT WHERE THE CITY'S INSPECTOR AGREES THAT FOR CONSTRUCTION REASONS, THE ONE WEEK REQUIREMENT MAY BE EXTENDED. DAMAGED IRRIGATION SHALL BE REPAIRED WITHIN ONE WEEK OF DAMAGE.

			WORK ACCEPTED:	INSPECTOR:	DRAWN: KMC/AGP	DESIGN: SEW	HOR: NAD83
			CHECKED:	JS DA 6/16/25	VER: NAVD88		
NO.	DESCRIPTION	DATE	BY	BY:	APPROVED:	DATE:	JOB NUMBER: 380-006
						6/30/25	
Revisions				SCOTT CRIDER, CITY ENGINEER RCE #05879 EXP 6-30-27			



17575 Peak Avenue Morgan Hill, CA 95037 (408)778-6480, Fax (408)779-7236

10569 OLD PLACERVILLE RD.  
SACRAMENTO, CA 95827  
OFFICE: (916) 364-1490 www.hydroscience.com

GENERAL NOTES  
EAGLE VIEW WELL IMPROVEMENTS PROJECT - PHASE 1



PRINT DATE: 6/27/2025  
DWG NUMBER: G003  
SHEET NUMBER: 3 OF 7

## SURVEY NOTES

- THE FIELD WORK FOR THIS SURVEY WAS CONDUCTED IN OCTOBER 2024.
- NO ATTEMPT WAS MADE TO IDENTIFY THE NATURE OF USE OF UNDERLYING LAND SHOWN HEREON. ANY POTENTIAL PAST USES, INCLUDING THOSE WHICH MAY HAVE RESULTED IN SIGNIFICANT ENVIRONMENTAL OR CULTURAL IMPACTS, WERE NOT ASSESSED BY THIS SURVEY.
- PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ON THIS SITE, IT IS ADVISED THAT ALL INVOLVED PARTIES REVIEW SECTION 8771 AND SECTION 8725 OF THE CALIFORNIA BUSINESS AND PROFESSIONS CODE, AND SECTION 605 OF THE CALIFORNIA PENAL CODE TO ENSURE THAT MONUMENT CONSERVATION HAS BEEN PROPERLY ADDRESSED.
- NOTHING ON THIS SURVEY SHALL BE INTERPRETED IN A MANNER CONTRARY TO THESE STATEMENTS.
- EXCEPT AS NOTED BELOW, PHYSICAL ITEMS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE SURFACE-VISIBLE STRUCTURES, FACILITIES, AND FEATURES OBSERVED AT THE TIME OF THE FIELD SURVEY.
- THE LOCATION OF ANY SUBSURFACE OBJECTS SHOWN HEREON WAS DETERMINED USING INFORMATION OBTAINED THROUGH CLIENT PROVIDED RECORD DRAWINGS. BELOW IS A SUMMARY OF THE RECORD DRAWINGS USED:
  - CITY OF MORGAN HILL ENGINEERING AND UTILITIES DEPARTMENT RECORD DRAWING FOR TEST WELL #1
  - TEST WELL LOCATION PLOTTED FROM RECORDS PROVIDED
  - CITY OF MORGAN HILL PUBLIC WORKS DEPARTMENT RECORD DRAWINGS FOR LANTANA-WISTERIA TRACT 10332 DATED 1/25/2021
    - SEWER LINES PLOTTED FROM RECORDS PROVIDED
    - STORM LINES PLOTTED FROM RECORDS PROVIDED
    - WATER LINES PLOTTED FROM RECORDS PROVIDED
- ADDITIONAL SUBSURFACE OBJECTS, IF ANY, WERE NOT LOCATED IN THIS SURVEY. NO WARRANTY IS IMPLIED AS TO THE ACCURACY OR COMPLETENESS OF ANY SUBSURFACE OBJECTS REPRESENTED BY SYMBOLS, LINES, OR LABELS SHOWN HEREON. SAID SUBSURFACE OBJECTS MAY INCLUDE, BUT ARE NOT LIMITED TO, CONCRETE FOOTINGS, SLABS, SHORING, BASEMENTS, STRUCTURAL PILES, UTILITY VAULTS, PIPING, UNDERGROUND TANKS, OR ADDITIONAL UNDERGROUND UTILITY LINES.
- BOUNDARY LINES (STREET CENTERLINES, ROAD RIGHTS-OF-WAY, PARCEL LINES, EASEMENTS, SECTION LINES, ETC.) ARE FOR CONCEPTUAL PURPOSES ONLY AND PLOTTED FROM RECORD INFORMATION ONLY.
- THE FOLLOWING FLOODPLAIN INFORMATION IS RELEVANT TO THIS PROJECT:
  - FIRM PANEL: 06085C0442H EFFECTIVE: 2009-05-18
  - APPLICABLE FLOOD ZONE(S): ZONE D (AREAS WITH POSSIBLE BUT UNDETERMINED FLOOD HAZARDS).

## SURVEY CONTROL

HORIZONTAL DATUM  
NORTH AMERICAN DATUM OF 1983 (2011), EPOCH 2010.00.

COORDINATE SYSTEM  
COORDINATES SHOWN HEREON ARE GRID AND BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE III. PURSUANT TO THE CALIFORNIA PUBLIC RESOURCES CODE, DIVISION 8, CHAPTER 1, SECTION 8815.5.

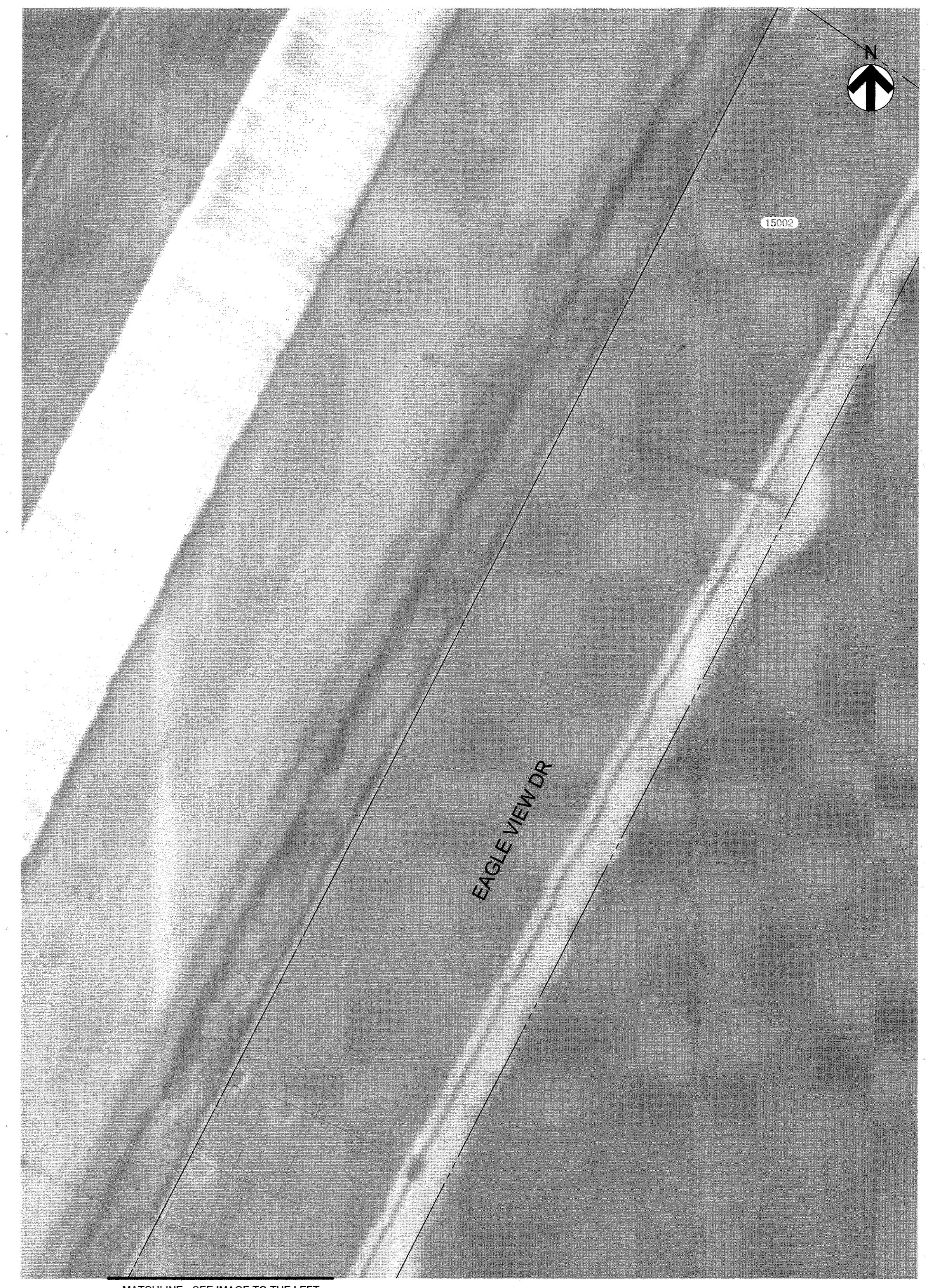
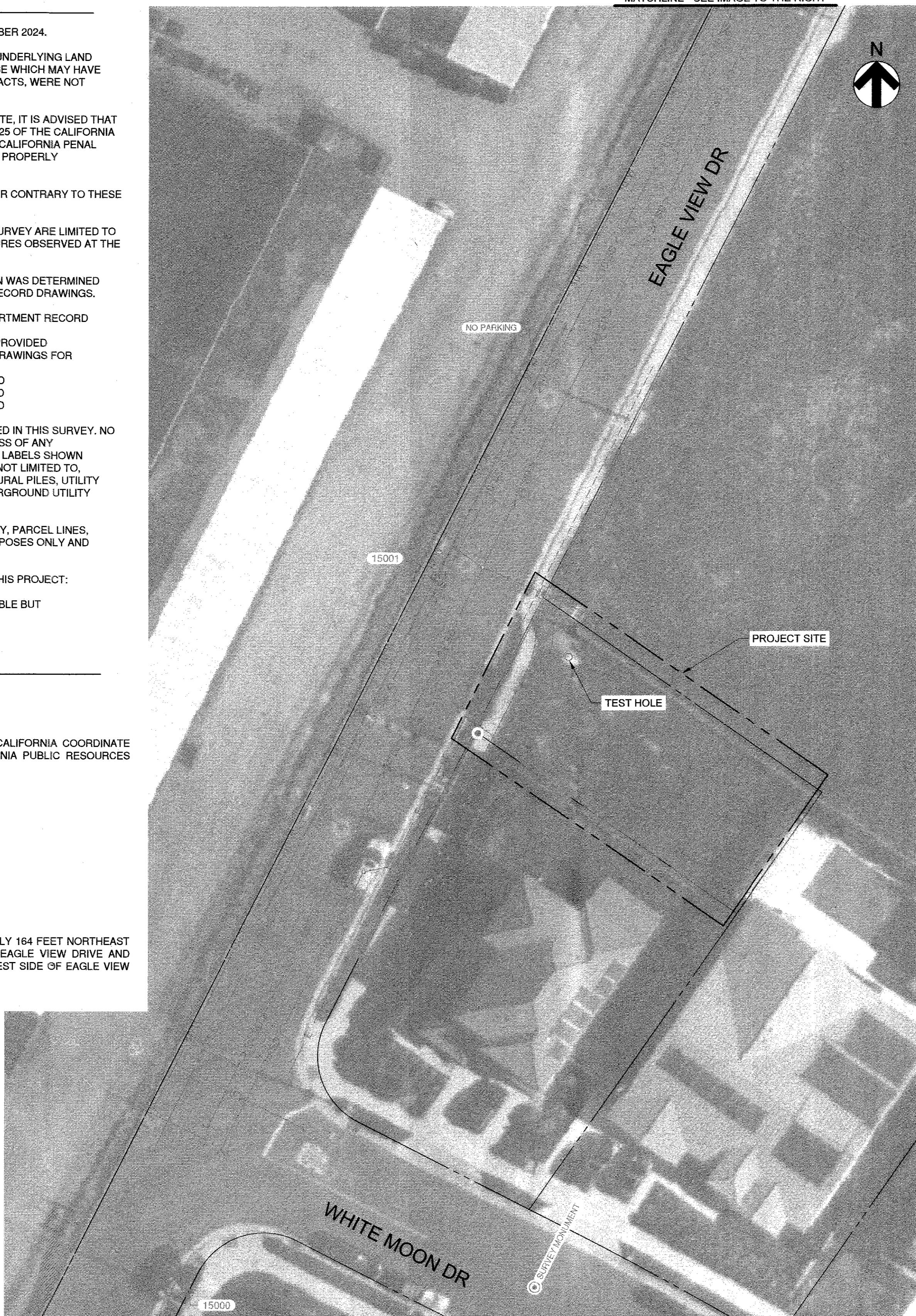
POINT	ELEVATION	COMBINED GRID FACTOR	MAPPING ANGLE
15001	383.80	0.999968369	-0D42'21.7"

VERTICAL DATUM  
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

PROJECT BENCHMARK  
SANTA CLARA VALLEY WATER DISTRICT BENCHMARK NO. 088.  
ELEVATION = 400.48 FEET (NAVD88)

SITE BENCHMARK  
SET MAG NAIL IN TOP OF ASPHALT DIKE (PT#15001), APPROXIMATELY 164 FEET NORTHEAST OF THE SANITARY SEWER MANHOLE AT THE INTERSECTION OF EAGLE VIEW DRIVE AND WHITE MOON DRIVE, 58 FEET NORTH OF A LIGHT POLE ON THE WEST SIDE OF EAGLE VIEW DRIVE, AND 13 FEET WEST OF A STORM DRAIN MANHOLE.  
ELEVATION = 383.80 FEET (NAVD88)

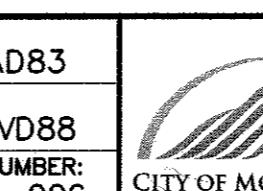
CONTROL POINT TABLE			
POINT	NORTHING	EASTING	DESCRIPTION
15000	1883383.17	6225560.63	SET SCRIBED X ON TC
15001	1883576.54	6225526.88	SET MAG IN ACD
15002	1883879.67	6225781.39	SET MAG IN ACD



NO.	DESCRIPTION	DATE	BY	WORK ACCEPTED:	INSPECTOR:	DRAWN:	DESIGN:	HOR:
				BY:	DATE:	CHECKED:	SEW	NAD83
						JS DG 6/30/25		

REVISIONS

SCOTT ODER, CITY ENGINEER  
RCE #0879 EXP 5-30-27



**City of Morgan Hill**  
Public Works Department  
17575 Peak Avenue Morgan Hill, CA 95037 (408)779-7236

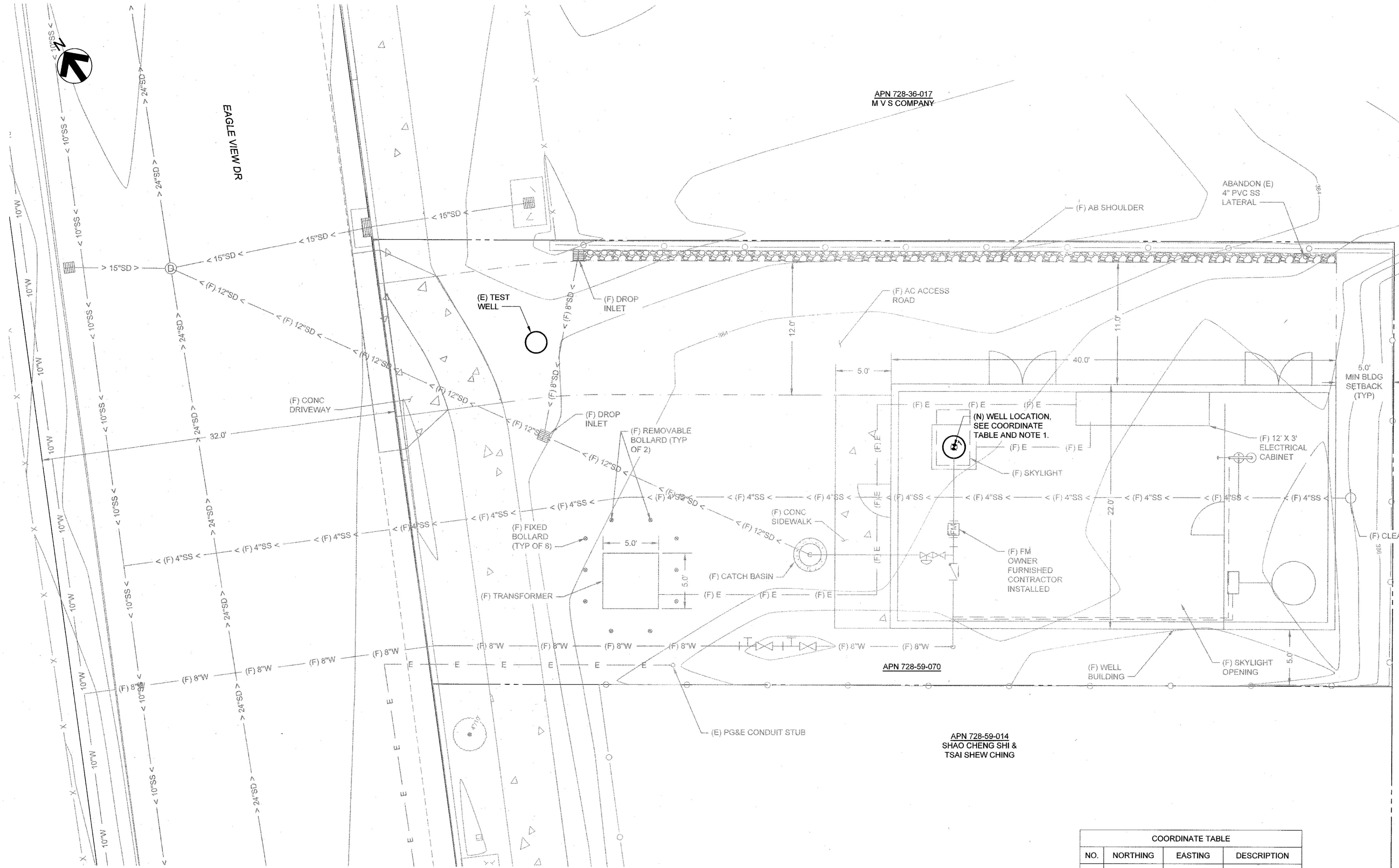
**HydroScience**  
10569 OLD PLACERVILLE RD.  
SACRAMENTO, CA 95827  
OFFICE: (916) 364-1490 www.hydrosience.com

HORIZONTAL CONTROL PLAN  
EAGLE VIEW WELL IMPROVEMENTS PROJECT – PHASE 1



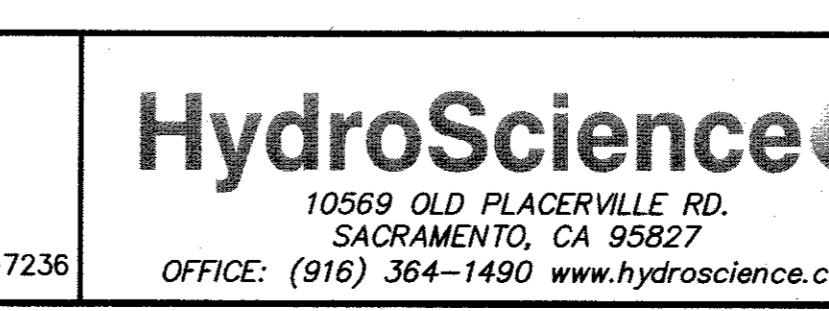
## CIVIL SITE PLAN

## EAGLE VIEW WELL IMPROVEMENTS PROJECT - PHASE 1



NO.	DESCRIPTION	DATE	BY	WORK ACCEPTED:	INSPECTOR:	DRAWN:	DESIGN:	HOR:
						KMC/AGP	SEW	NAD83
						CHECKED: JS	DATE: 6/30/25	VER: NAV88

SCOTT CREEER, CITY ENGINEER  
RCE #5879 EXP 6-30-27



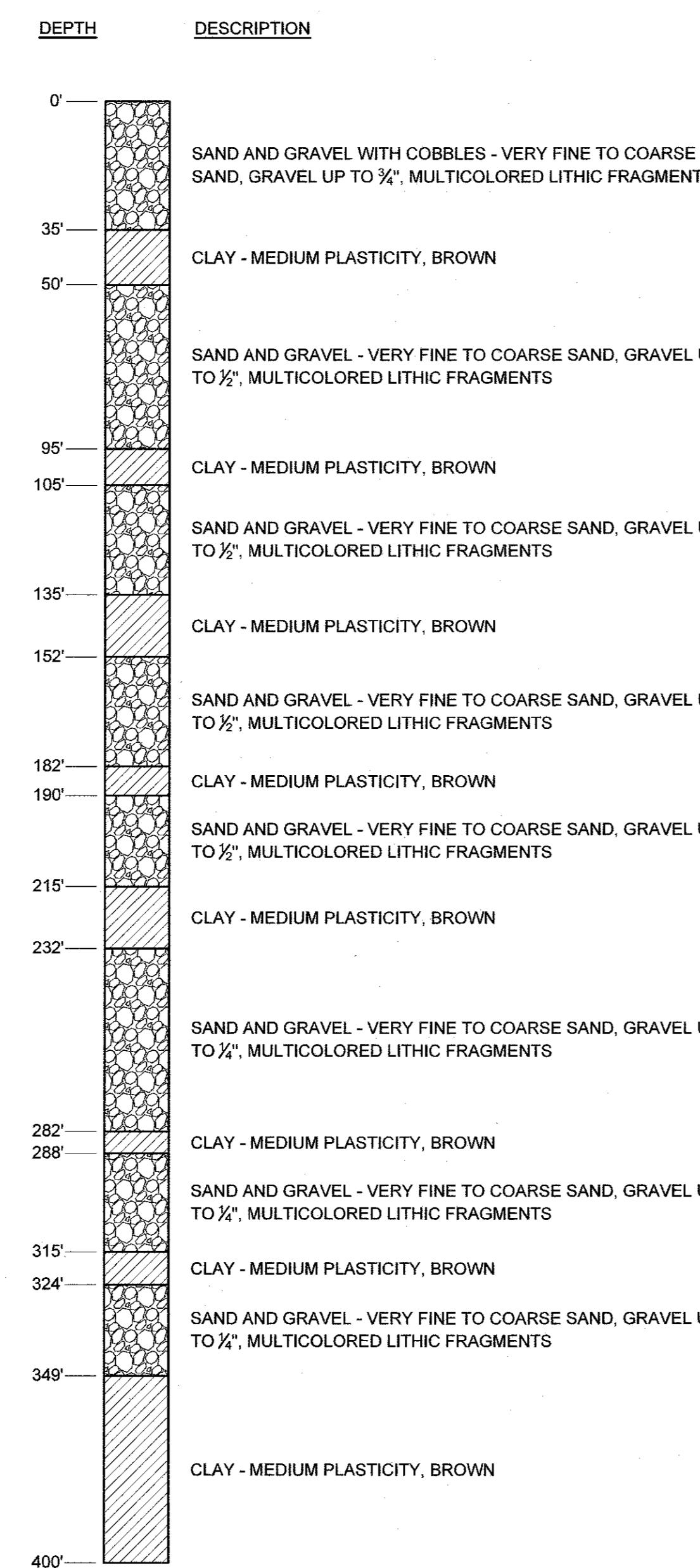
**CIVIL SITE PLAN**  
EAGLE VIEW WELL IMPROVEMENTS PROJECT - PHASE 1



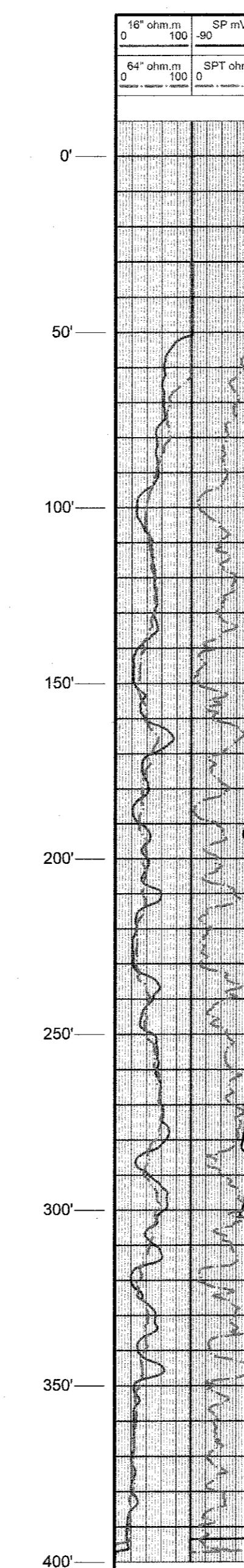
06/26/2025

PRINT DATE:	6/27/2025
DWG NUMBER:	C101
SHEET NUMBER:	5 OF 7

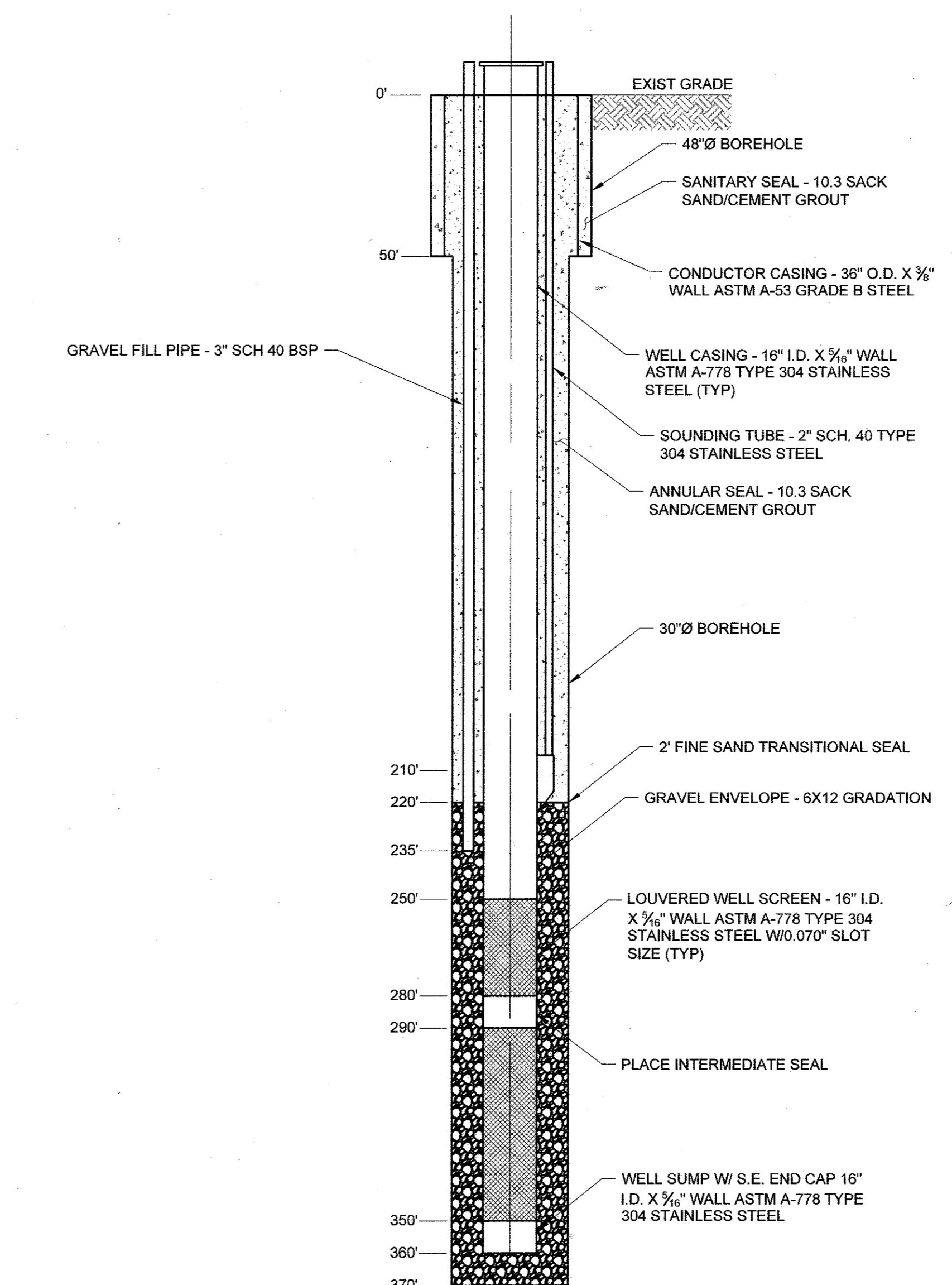
## TEST HOLE LITHOLOGY



## TEST HOLE E-LOG



## PRODUCTION WELL PROFILE - DETAIL 1



## NOTE

1. ACTUAL DEPTH AND LOCATION OF SCREEN INTERVAL AND TOTAL WELL DEPTH TO BE CONFIRMED BY LITHOLOGY AND GEOPHYSICAL LOGGING.
2. SEE DETAIL A, SHEET C401 FOR WELL HEAD DETAIL
3. SEE DETAIL B, SHEET C401 FOR CENTRALIZING FIN AND CASING GUIDE DETAILS.
4. CONTRACTOR SHALL REFER TO THE SPECS 02672 FOR FURTHER DETAILS ON THE MATERIALS AND WELL DESIGN REQUIREMENTS.



