






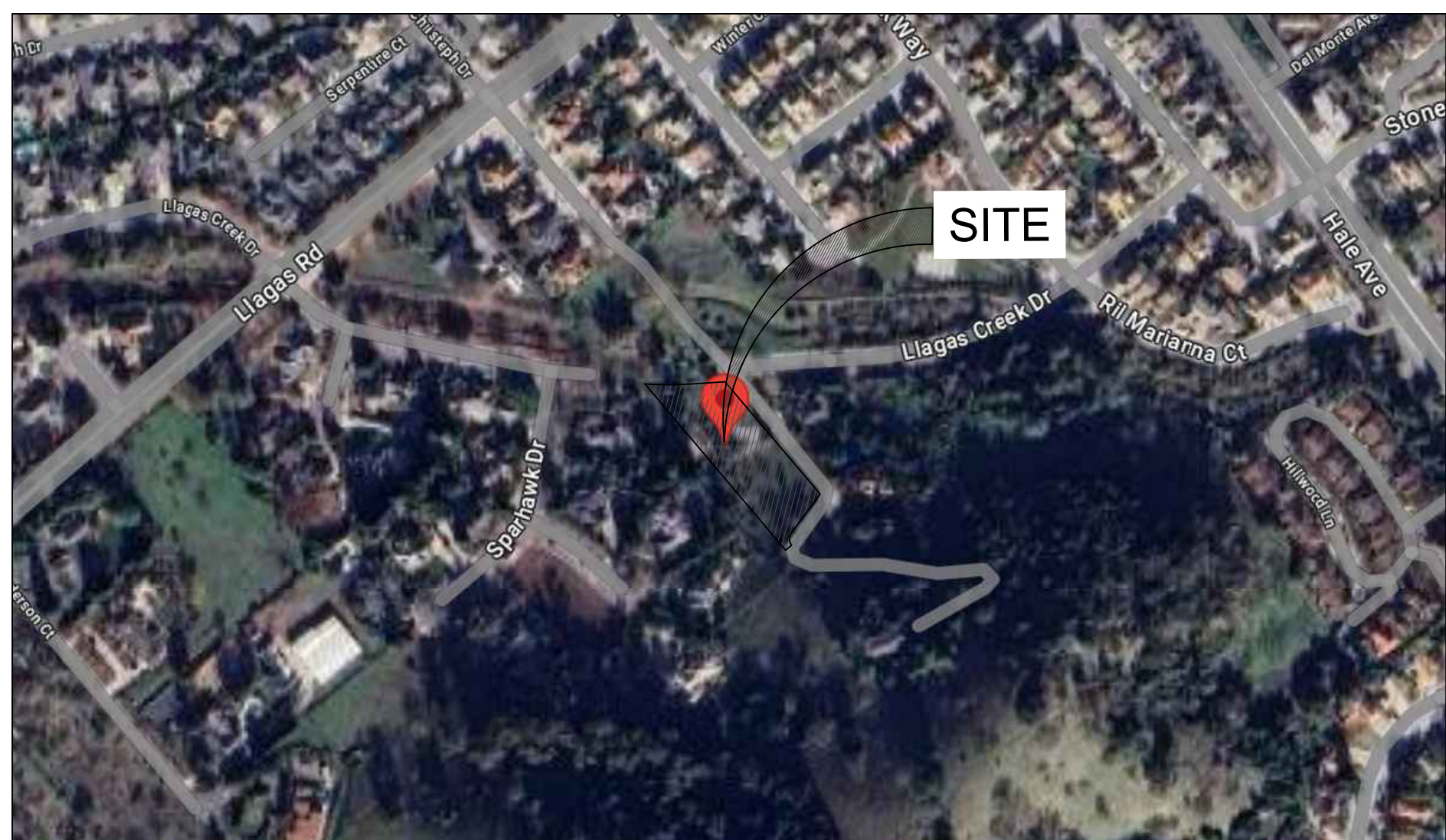
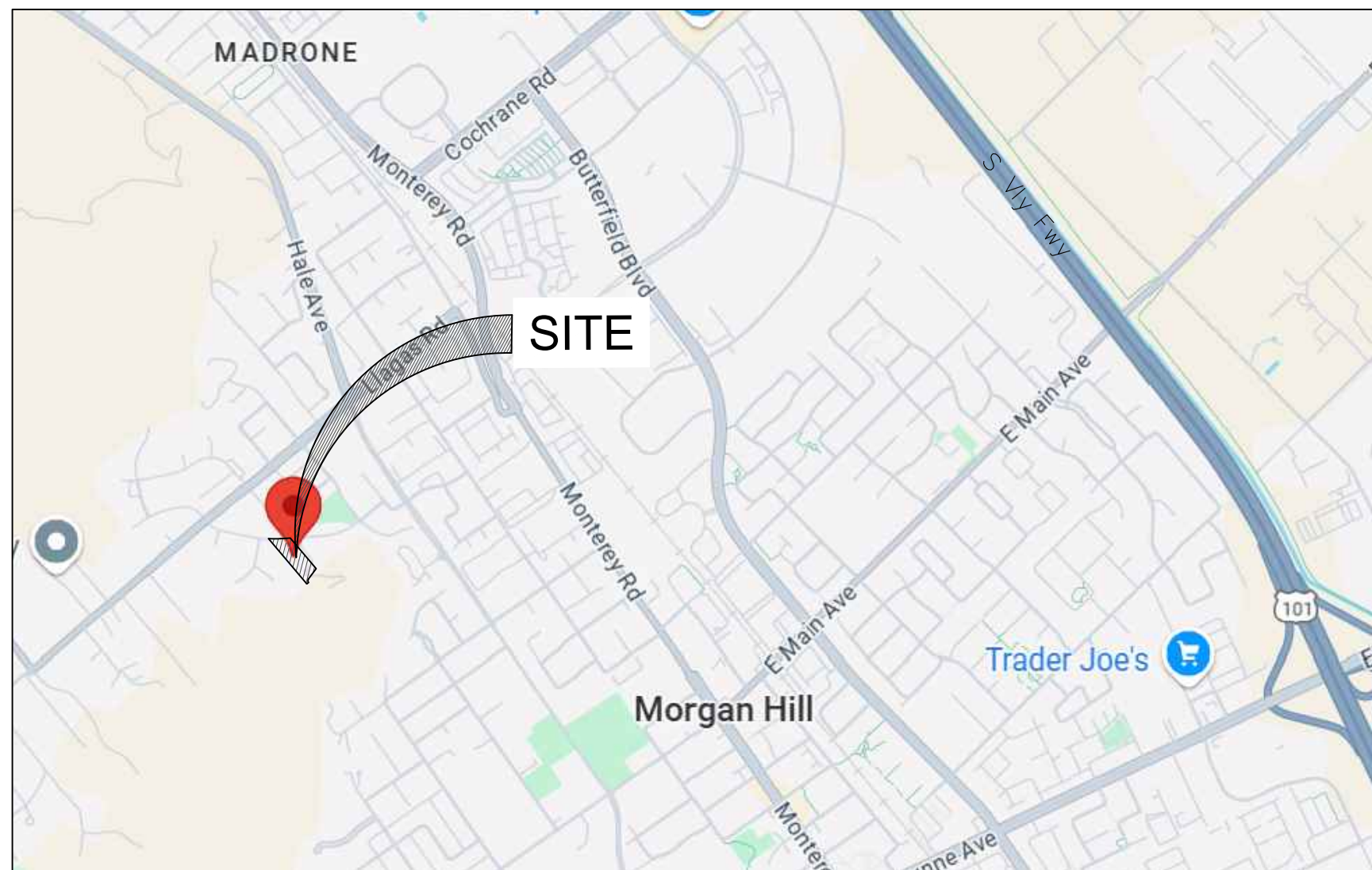
## LEGEND

	PROPERTY BOUNDARY
	ASPHALT
	BUILDING
	CONCRETE
	LANDSCAPE AREA

## ABBREVIATIONS

ASP.N.	ASSESSOR'S PARCEL NUMBER
CB	CATCH BASIN
CONC	CONCRETE
ELEV	ELEVATION
EX	EXISTING
FF	FINISHED FLOOR
FH	FIRE HYDRANT
FL	FLOW LINE
INV	INVERT
N	NEW
N.T.S	NOT TO SCALE
P.L.	PROPERTY LINE
SS	SANITARY SEWER
SD	STORM DRAIN
SW	SIDEWALK
TW	TOP OF WALL
12"TREE	TREE W/SIZE
W	WATER LINE
WM	WATER METER
WV	WATER VALVE
+ -	PLUS OR MINUS (APPROXIMATE)
W/	WITH
P.S.D.E	PRIVATE STORM DRAIN EASEMENT
P.S.E	PUBLIC SERVICE EASEMENT

TENTATIVE PARCEL MAP FOR  
18197 LLAGAS CREEK DRIVE  
MORGAN HILL, CA 95037  
APN: 764-32-066



VICINITY MAP  
N.T.S

## SHEET INDEX (CIVIL)

G-1.0	COVER SHEET
T-1.0	TOPOGRAPHIC SURVEY
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C-3.0	PRELIMINARY GRADING PLAN
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C-3.2	SITE SECTIONS – 2
C-4.0	PRELIMINARY UTILITY PLAN
C-5.0	STORM WATER MANAGEMENT PLAN
C-6.0	EROSION AND SEDIMENT CONTROL PLAN
C-6.1	EROSION AND SEDIMENT CONTROL DETAILS
C-7.0	FIRE TRUCK ACCESS PLAN
C-7.1	DETAILS

## PROPERTY DETAILS

APN	764-32-066
AREA	1.69 ACRES
ZONING	RDL -12,000/HC
LAND USE	EXISTING & PROPOSED - RESIDENTIAL
ADDRESS	18197 LLAGAS CREEK DRIVE CALIFORNIA, CA 95037

## PROJECT DIRECTORY

CIVIL ENGINEER OF  
RECORD:

INDER DESIGN BUILD LLC (IENGCO)  
MANJIT SAINI, PE  
5890 STONERIDGE DR, SUITE 109  
PLEASANTON, CA 94588  
Phone: -(408) 313-5400  
Email: - manjit.saini@iengco.com

OWNER CONTACT:


CGC  
4149 THORNTON AVENUE,  
FREMONT,CA 94536  
PHONE-408-510-0486  
EMAIL-CHPRADEEP@GMAIL.COM

NOTE TO CONTRACTOR:

THE EXISTENCE AND LOCATION OF THESE UNDERGROUND UTILITIES, PIPES, AND/OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR SHALL ASCERTAIN THE TRUE VERTICAL AND HORIZONTAL LOCATION OF THOSE UNDERGROUND UTILITIES TO BE USED AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ANY PUBLIC OR PRIVATE UTILITIES, SHOWN OR NOT SHOWN HEREON. IF THE CONTRACTOR ENCOUNTERS ANY DISCREPANCIES, CONFLICTS OR AREAS WHICH HE FEELS UNWORKABLE, HE SHALL NOTIFY THE GRADING ENGINEER IMMEDIATELY PRIOR TO CONTINUING OR DEVIATING FROM THIS PLAN.

## UNAUTHORIZED CHANGES &amp; 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. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERAL ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO OBTAIN THE SOLE AND EXCLUSIVE RESPONSIBILITY FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES AND COSTS, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

	M.S	11/05/2025	ISSUED FOR REVIEW
NO.	BY	DATE	

PREPARED BY:



PREPARED FOR:

18197 LLAGAS CREEK DRIVE  
MORGAN HILL , CA - 95037  
APN: 764-32-066

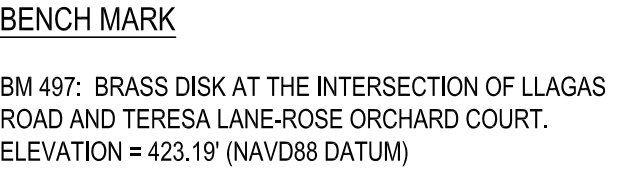
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COVER SHEET

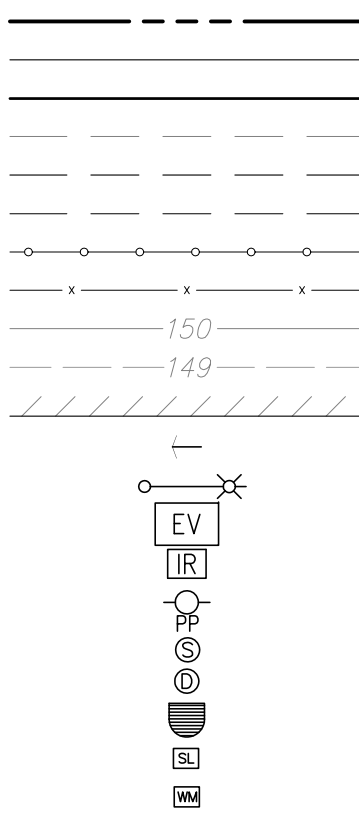
DATE:	12/19/2025
DESIGNED BY:	P. SINGH
DRAWN BY:	G. SINGH
CHECKED BY:	M. SAINI
APPROVED BY:	M. SAINI

G-1.0





BM 497: BRASS DISK AT THE INTERSECTION OF LLAGAS  
ROAD AND TERESA LANE-ROSE ORCHARD COURT.  
ELEVATION = 423.19' (NAVD88 DATUM)



PROPERTY LINE  
ADJACENT PARCEL LINES  
RIGHT OF WAY LINE  
TRACT LINE  
EASEMENT LINE  
GRADE BREAK LINE  
IRON FENCE LINE  
FENCE LINE  
MAJOR CONTOUR LINE  
MINOR CONTOUR LINE  
BUILDING LINE  
ANCHOR  
ELECTROLIER  
ELECTRIC VAULT  
IRRIGATION BOX  
POWER POLE  
SEWER MANHOLE  
STORM DRAINAGE MANHOLE  
STORM WATER INLET  
STREET LIGHT BOX  
WATER METER

APN	ASSESSOR'S PARCEL NUMBER
B/W	BACK OF WALK
CL	CENTERLINE
CLR	CLEAR
CONC	CONCRETE
D/W	DRIVEWAY
EP	EDGE OF PAVEMENT
(E)	EXISTING
FL	FLOW LINE
GB	GRADE BREAK
INV	INVERT
LIP	LIP OF GUTTER
PUE	PUBLIC UTILITY EASEMENT
TC	TOP OF CURB
TOS	TOP OF BANK
TOS	TOP OF SLOPE

NOTE TO ANYONE HAVE ANY INTEREST IN THIS MAP,  
PLEASE BE ADVISED OF THE FOLLOWING:

1. THAT ALL TITLE INFORMATION HEREON (INCLUDING EASEMENTS IF ANY) WAS PREPARED SOLELY FOR AND IN STRICT CONFORMANCE WITH OUR CLIENT'S AND/OR HIS AGENT'S REQUIREMENTS. THE FOLLOWING INFORMATION WAS SUPPLIED TO TRANSMARIAN ENGINEERS: ☐ DEED ☐ TITLE ☐ REPORT ☐ A.P.N. ☐ ADDRESS OF THE P.I.Q.
- FURTHERMORE, WE HEREBY DISCLAIM ANY AND ALL TITLE SEARCH RESPONSIBILITIES AS BEING BEYOND OUR CONTRACT AND COMMITMENT TO OUR CLIENT.
2. THAT THIS MAP WAS PREPARED AS A PROFESSIONAL INSTRUMENT OR SERVICE AND THAT IT REMAINS THE PROPERTY OF TRANSMARIAN ENGINEERS WHETHER THE PROJECT (IF ANY PROPOSED) ON THIS SITE IS CONSTRUCTED OR NOT.
3. THAT ANY INFORMATION ON THIS MAP AND ANY DOCUMENT(S) PREPARED BY TRANSMARIAN ENGINEERS IN RELATION HEREOF SHALL NOT BE USED FOR ANY OTHER PURPOSE THAN FOR: BUILDING PERMITS.

FURTHERMORE, THE USE OF THIS MAP FOR ANY OTHER PURPOSES WHATSOEVER INCLUDING ENGINEERING DESIGNS OF OFFSITE OR ONSITE IMPROVEMENTS IS BEYOND THIS MAP'S PURPOSE, INTENT & CONTRACT. TRANSAMERICAN ENGINEERS DISCLAIMS ANY AND ALL RESPONSIBILITIES, LIABILITIES WHICH SHALL REST UPON THE PARTY USING OUR INFORMATION BEYOND THE ESTABLISHED LIMITATION ABOVE.

4. THAT ANY IMPROVEMENT CHANGES WITHIN THIS SITE OR THE ADJACENT SITES THEREOF AS WELL AS TITLE TRANSFERS OF THE PROPERTY IN QUESTION (EXCEPT FOR ALTA MAPS AND/OR THE LAPSE OF 3 OR MORE YEARS FROM THE DATE OF THIS MAP (WHICHEVER COMES FIRST) SHALL VOID ALL INFORMATION HEREON UNLESS A RE-SURVEY IS ORDERED TO RECTIFY, UPDATE OR RE-CERTIFY THIS MAP.
5. THAT THIS INFORMATION SHALL NOT BE USED FOR ANY IMPROVEMENT STAKING UNLESS STATED IN ITEM NO. 3 ABOVE.
6. THAT THE USE OF THIS MAP BY OTHER CONSULTANTS OR CONTRACTORS ON BEHALF OF OUR CLIENT SHALL PROMPT THE IMMEDIATE FULFILLMENT OF ALL CLIENTS OBLIGATIONS TO TRANSMERICAN ENGINEERS UNLESS OTHERWISE AGREED TO.
7. THAT UNDERGROUND UTILITIES (IF ANY) SHOWN HEREON WERE OBTAINED FROM INFORMATION PROVIDED TO TRANSMERICAN ENGINEERS BY UTILITIES COMPANIES. TRANSMERICAN ENGINEERS DOES NOT ASSUME ANY RESPONSIBILITY FOR THEIR EXISTENCE OR ACCURACY.
8. THAT SURFACE UTILITIES, MANHOLES, ETC. AS SHOWN HEREON WERE LOCATED BY FIELD SURVEY.
9. IT SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS INVOLVED TO RESOLVE ALL ISSUES REGARDING PROPERTY DISPUTES WHICH MAY ARISE OUT OF INFORMATION SHOWN HEREON.

1. ELEVATIONS SHOWN AS "ROOF ELEV" HEREON ARE IN FACT THE ELEVATIONS OF THE HIGHEST POINT OF SIDE WALLS. THESE ELEVATIONS MAY BE EITHER THE ROOF OR THE PARAPET ELEVATION OF SUCH ROOF. FLAT ROOF LEVELS WERE NOT VISIBLE FROM SURVEY POINT.
2. "PARAPET ELEV" SHOWN HEREON ARE THE HIGHEST POINT OF SUCH PARAPET.
3. "ROOF PEAK ELEV" AND "EAVES ELEV" (IF ANY SHOWN HEREON) ARE THE HIGHEST POINT OF ROOF PEAKS AND THE LOWEST POINTS OF ROOF EAVES RESPECTIVELY.
4. DUE TO LIMITED ACCESS TO THE REAR OR THE ADJACENT AND/OR THE PARAPET SUBJECT BUILDING(S) AND/OR COVERED STRUCTURE(S) AT THE TIME OF THIS SURVEY, THE TOPOGRAPHIC DATA FOR THOSE BUILDING(S) AND/OR STRUCTURE(S) IS NOT SHOWN HEREON.
5. IT SHALL BE THE RESPONSIBILITY OF THE CLIENT TO CALL OUR OFFICE IN ORDER TO HAVE OUR SURVEYORS LOCATE ADDITIONAL INFORMATION AND/OR STRUCTURE(S) ONCE THE SITE HAS BEEN CLEARED. WE REQUIRE AN ADVANCE NOTICE OF FOUR (4) DAYS MORE OR LESS.
6. ALSO, NOTE THAT THERE WILL BE ADDITIONAL CHARGES FOR SUCH STAKING AS IT IS NOT A PART OF THE SCOPE OF THIS JOB'S CONTRACT.

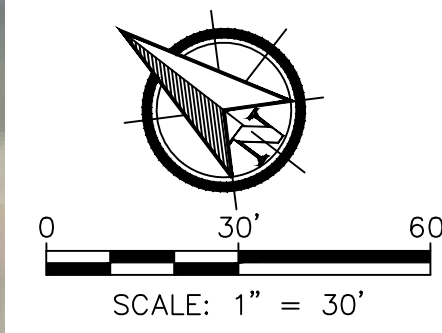
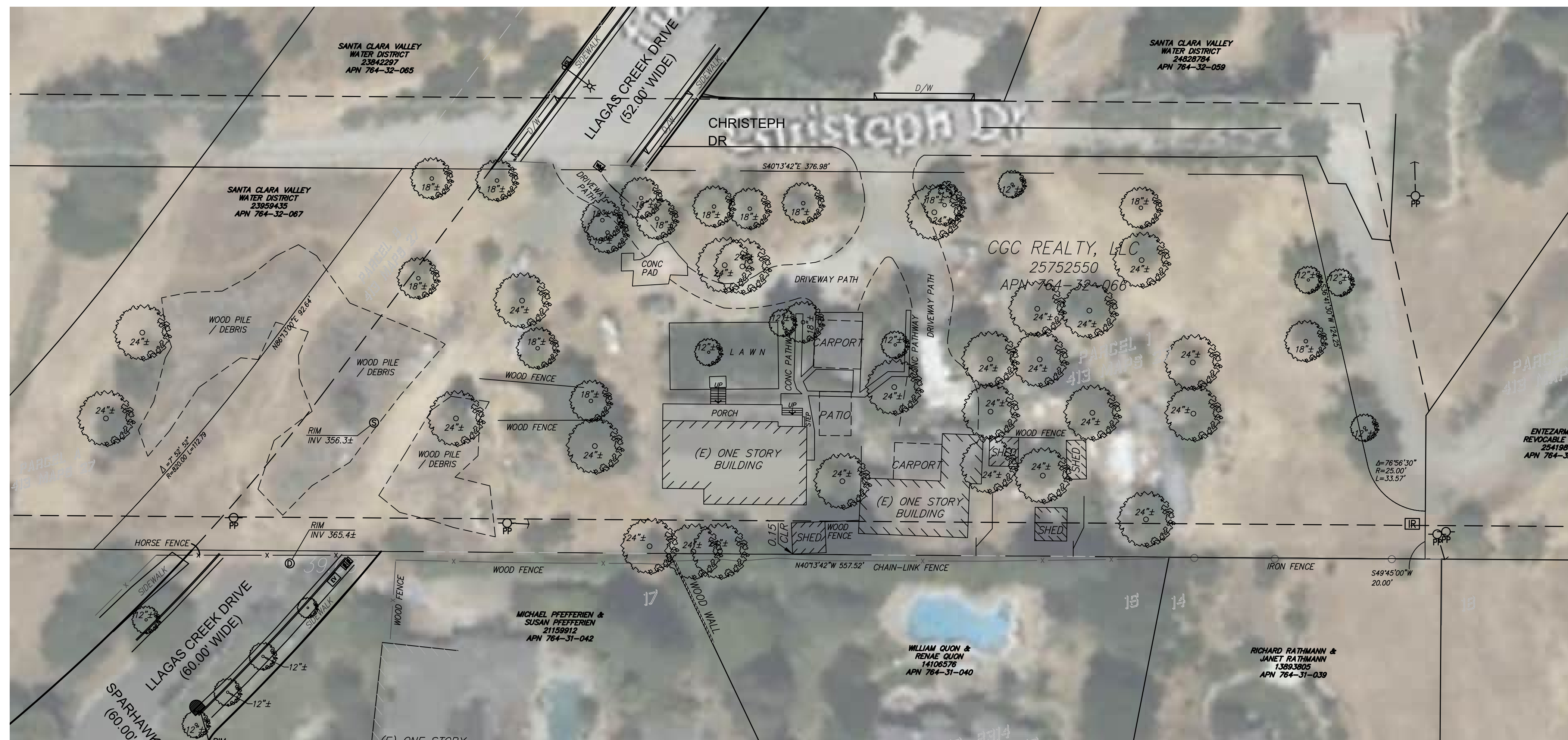
1390 Market Street, Suite 201  
San Francisco, CA 94102  
Tel: (415) 553-4092 Fax: (415) 553-4071  
Email: [info@transamericanengineers.com](mailto:info@transamericanengineers.com)

Chief Surveyor License No. 6975  
Expires 9/30/2025

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T-1.0






LEGEND	
	PROPERTY BOUNDARY



PHOTO 1: PROPERTY VIEW-LOOKING NORTH






PHOTO 2: PROPERTY VIEW—LOOKING EAST



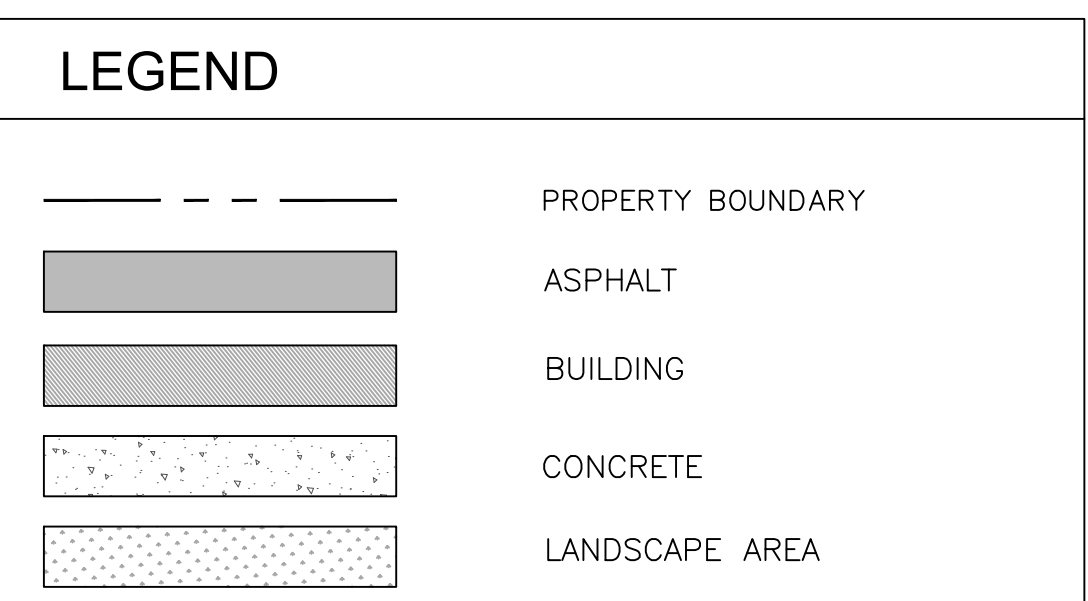
PHOTO 3: PROPERTY VIEW-SOUTH




PHOTO 4: PROPERTY VIEW—LOOKING WEST

				PREPARED BY:			PREPARED FOR:	18197 LLAGAS CREEK DRIVE MORGAN HILL , CA - 95037 APN: 764-32-066	TITLE:	EX SITE CONDITIONS	C-1.0
				DATE:			12/19/2025				
				DESIGNED BY:			P. SINGH				
				DRAWN BY:			G. SINGH				
				CHECKED BY:			M. SAINI				
				APPROVED BY:			M. SAINI				
	M.S	11/05/2025	ISSUED FOR REVIEW								
NO.	BY	DATE									





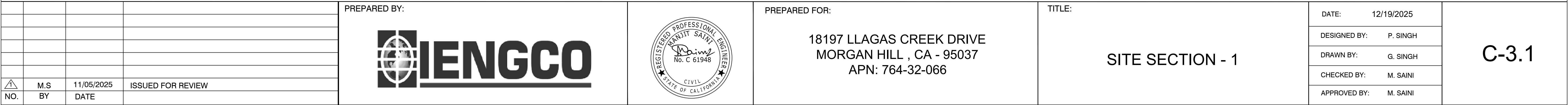
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DATE:	12/19/2025	<div>C-2.0</div>
DESIGNED BY:	P. SINGH	
DRAWN BY:	G. SINGH	
CHECKED BY:	M. SAINI	
APPROVED BY:	M. SAINI	

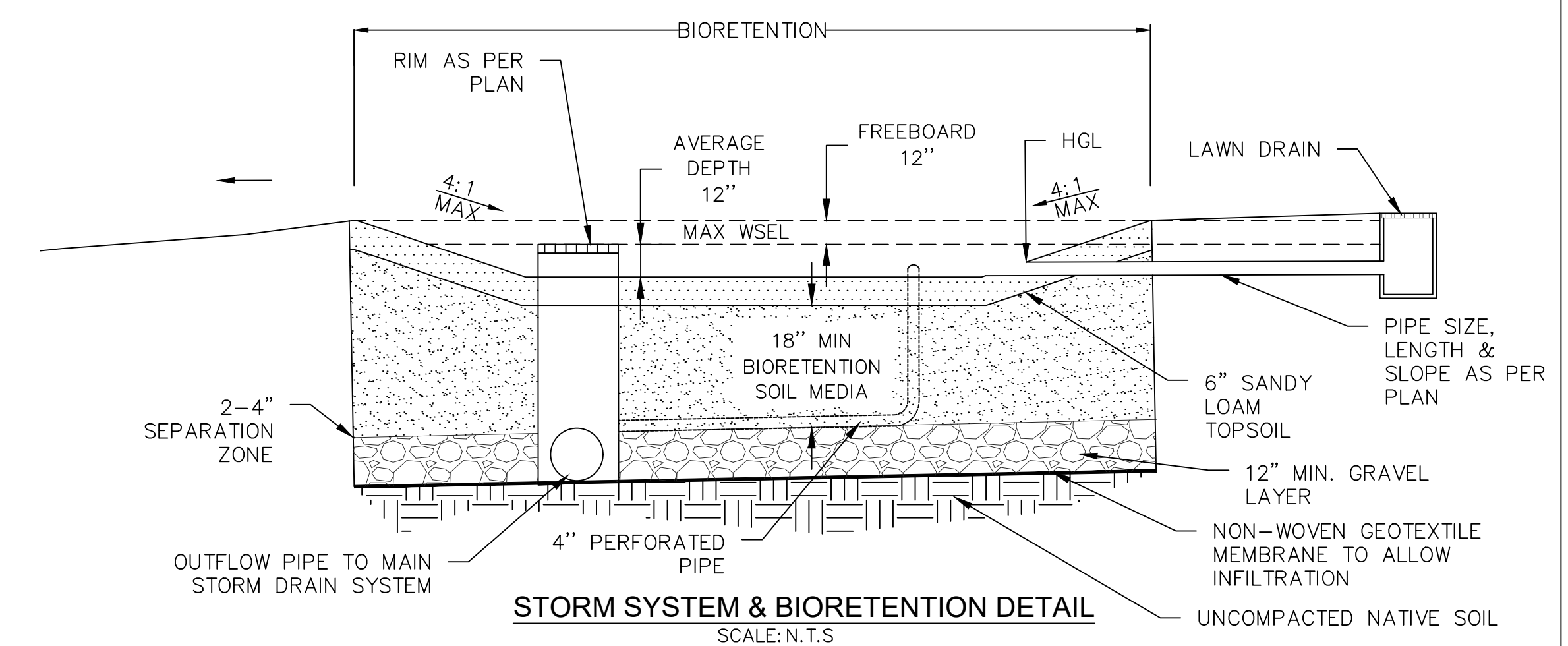







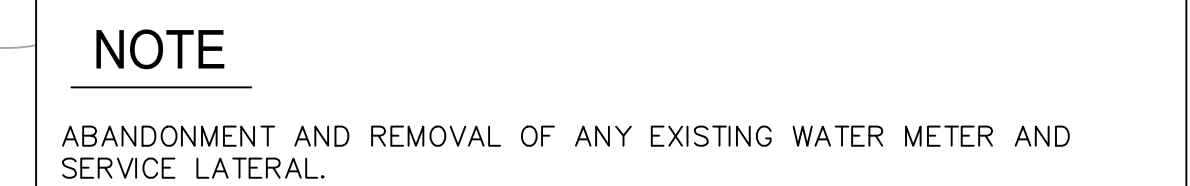






				PREPARED BY: 		PREPARED FOR: 18197 LLAGAS CREEK DRIVE MORGAN HILL , CA - 95037 APN: 764-32-066		TITLE: SITE SECTION - 2		DATE: 12/19/2025 DESIGNED BY: P. SINGH DRAWN BY: G. SINGH CHECKED BY: M. SAINI APPROVED BY: M. SAINI		C-3.2
1. M.S. 11/05/2025 ISSUED FOR REVIEW NO. BY DATE												



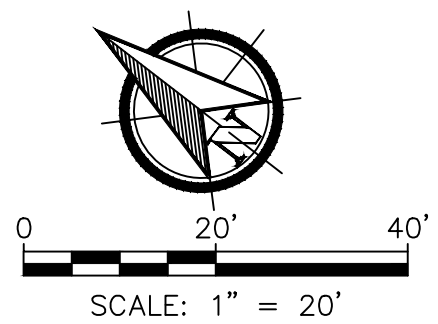




DATE:	12/19/2025	<div>C-4.0</div>
DESIGNED BY:	P. SINGH	
DRAWN BY:	G. SINGH	
CHECKED BY:	M. SAINI	
APPROVED BY:	M. SAINI	









PREPARED BY:		PREPARED FOR:		TITLE:		DATE: 12/19/2025		C-6.0
				18197 LLAGAS CREEK DRIVE MORGAN HILL , CA - 95037 APN: 764-32-066		DESIGNED BY: P. SINGH		
						DRAWN BY: G. SINGH		
						CHECKED BY: M. SAINI		
						APPROVED BY: M. SAINI		



# Concrete Waste Management

## WM-8

The diagram illustrates the construction of a concrete washout facility (WM-8). It includes two main views: a plan view and a section view.

**PLAN View (Top):** Shows a square structure with a minimum side length of 10 feet. The structure is composed of 10 mil plastic lining, a berm, and sandbags. The lining is lath and flagged on all sides. The plan is labeled "NOT TO SCALE" and "TYPE 'BELOW GRADE'".

**SECTION A-A View (Right):** A cross-section of the structure showing the 10 mil plastic lining, a berm, and sandbags. The section is labeled "SECTION A-A" and "NOT TO SCALE".

**PLAN View (Bottom):** Shows a square structure with a minimum side length of 10 feet. The structure is composed of 10 mil plastic lining, a berm, and sandbags. The lining is lath and flagged on all sides. The plan is labeled "NOT TO SCALE" and "TYPE 'ABOVE GRADE'".

**SECTION B-B View (Right):** A cross-section of the structure showing the 10 mil plastic lining, a berm, and sandbags. The section is labeled "SECTION B-B" and "NOT TO SCALE".

**NOTES:**

1. ACTUAL LAYOUT DETERMINED IN FIELD.
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.

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# Fiber Rolls

## SE-5

Note: Install fiber roll along a level contour.

Fiber rolls

Vertical spacing measured along the face of the slope varies between 10' and 20'

Install a fiber roll near slope where it transitions into a steeper slope

### TYPICAL FIBER ROLL INSTALLATION

N.T.S.

Slope varies

Fiber roll 8' min

3/4" x 3/4" wood stakes max 4' spacing

### ENTRENCHMENT DETAIL

N.T.S.

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Construction

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## Storm Drain Inlet Protection

### SE-10

The diagram illustrates the SE-10 Storm Drain Inlet Protection. It consists of two parts: a cross-section (SECTION A-A) and a plan view (PLAN).

**Cross-Section (SECTION A-A):** This view shows the inlet structure installed in a trench. A geotextile blanket is placed on the ground surface on both sides of the inlet. A silt fence, specified as 'Silt Fence per SE-01', is installed on the outer edges of the geotextile blanket. The width of the geotextile blanket on each side is indicated as 24" ±. The inlet structure is shown with a grate on top.

**Plan View (PLAN):** This view shows the layout of the protection. A central square inlet with a grate is surrounded by a rectangular area defined by a silt fence. The silt fence is labeled 'Silt Fence per SE-01'. The area between the silt fence and the inlet is covered by a 'Geotextile Blanket'. Arrows indicate 'Sheet flow' entering from the four sides. A note specifies '6" Min overlap at ends of silt fence.'.

**NOTES:**

1. For use in areas where grading has been completed and final soil stabilization and seeding are pending.
2. Not applicable in paved areas.
3. Not applicable with concentrated flows.

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Hydroseeding	EC-4
	<b>Categories</b> <b>EC</b> Erosion Control <input checked="" type="checkbox"/> <b>SE</b> Sediment Control <b>TC</b> Tracking Control <b>WE</b> Wind Erosion Control <input checked="" type="checkbox"/> <b>NS</b> Non-Stormwater Management Control <b>WM</b> Waste Management and Materials Pollution Control <b>Legend:</b> <input type="checkbox"/> Primary Category <input type="checkbox"/> Secondary Category
	<b>Targeted Constituents</b> Sediment <input checked="" type="checkbox"/> Nutrients Trash Metals Bacteria Oil and Grease Organics
	<b>Potential Alternatives</b> EC-3 Hydraulic Mulch EC-5 Soil Binders EC-6 Straw Mulch EC-7 Geotextiles and Mats EC-8 Wood Mulching EC-14 Compost Blanket EC-16 Non-Vegetative Stabilization
<b>Description and Purpose</b> Hydroseeding typically consists of applying a mixture of a hydraulic mulch, seed, fertilizer, and stabilizing emulsion with a hydraulic mulcher, to temporarily protect exposed soils from erosion by water and wind. Hydraulic seeding, or hydroseeding, is simply the method by which temporary or permanent seed is applied to the soil surface.	
<b>Suitable Applications</b> Hydroseeding is suitable for disturbed areas requiring temporary protection until permanent stabilization is established, for disturbed areas that will be re-disturbed following an extended period of inactivity, or to apply permanent stabilization measures. Hydroseeding without mulch or other cover (e.g. EC-7, Erosion Control Blanket) is not a stand-alone erosion control BMP and should be combined with additional measures until vegetation establishment.	
Typical applications for hydroseeding include: <ul style="list-style-type: none"> <li><input type="checkbox"/> Disturbed soil/graded areas where permanent stabilization or continued earthwork is not anticipated prior to seed germination.</li> <li><input type="checkbox"/> Cleared and graded areas exposed to seasonal rains or temporary irrigation.</li> <li><input type="checkbox"/> Areas not subject to heavy wear by construction equipment or high traffic.</li> </ul>	
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1. BEST MANAGEMENT PRACTICES(BMPS) FOR THIS PROJECT SHALL BE IN SUBSTANTIAL COMPLIANCE AT ALL TIMES WITH WATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED FOR THE PROJECT IN ACCORDANCE WITH THE STATE WATER RESOURCES CONTROL BOARD (SWRCB) ORDER NO. 2009-0009-DWQ NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT NO. CAS000002. THIS PERMIT REQUIRES THAT THE SWPPP BE KEPT UP TO DATE TO REFLECT THE SITE CONDITIONS AND THE SWPPP BE KEPT UP TO DATE TO REFLECT THE CHANGING SITE CONDITIONS. AND THE SWPPP AVAILABLE ON SITE AT ALL TIMES FOR REVIEW BY STATE AND LOCAL INSPECTORS.
2. THE EROSION CONTROL MEASURES ARE TO BE OPERABLE DURING THE RAINY SEASON, SEPTEMBER 15TH TO MAY 1ST OF SEPTEMBER 15TH. GRADING, INSTALLATION OF STORM DRAINAGE AND EROSION CONTROL FACILITIES WILL NEED TO BE COMPLETED WITH EROSION CONTROL PLANTING ESTABLISHED BY THAT TIME. NO GRADING SHALL OCCUR BETWEEN SEPTEMBER 15TH 1ST UNLESS AUTHORIZED BY THE CITY ENGINEER.
3. STANDARD DRAIN INLET, UNDERGROUND DRAINAGE PIPE AND APPURTENANCES SHALL BE CONSTRUCTED PRIOR TO WINTERIZATION AND WILL REMAIN AS PERMANENT TRACT IMPROVEMENTS.
4. CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE OF OR AT THE DIRECTION OF THE CITY ENGINEER. DURING THE RAINY SEASON, ALL PAVED AREAS SHALL BE KEPT CLEAR MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE ANY RUNOFF TO THE STORM SYSTEM.
5. THIS PLAN COVERS ONLY THE FIRST WINTER FOLLOWING GRADING. PLANS ARE TO BE RESUBMITTED FOR CITY APPROVAL PRIOR SEPTEMBER 1 OF EACH SUBSEQUENT YEAR UNTIL THE TRACT IMPROVEMENTS ARE ACCEPTED BY THE CITY.
6. SEED AND MULCH ARE TO BE PLACED ON ALL DISTURBED SLOPES STEEPER THAN 2% AND HIGHER THAN 3 FEET, ON ALL FILL SLOPES WITHIN OR ADJACENT TO ALL PUBLIC RIGHTS OF WAY AND AS DIRECTED BY THE CITY. SEED PLACED BETWEEN SEPTEMBER SHALL BE IRRIGATED AS NECESSARY TO ESTABLISH GROWTH BY OCTOBER 1.
7. STABILIZED ENTRANCE SHALL BE INSTALLED PER DETAIL TC-1&TC-3 OF SWPPP MANUAL PRIOR TO GRADING ACTIVITIES.
8. DRAIN INLETS SHALL BE PROTECTED PER DETAILS SE-10 OF SWPPP MANUAL PRIOR TO GRADING ACTIVITIES OR AS SOON PRACTICAL.
9. SEDIMENT CONTROL BMPS SHALL BE INSTALLED PRIOR TO GRADING ACTIVITIES OR AS SOON AS PRACTICAL, AND MAINTAINED ROUND.

NOTES:




1. THE CONTRACTOR SHALL COMPLY WITH ALL CITY OF MORGAN HILL STANDARDS, AND IS ADVISED THAT THE CITY HAS ADOPTED THE CALIFORNIA STORM WATER QUALITY ASSOCIATION (CASQA) HANDBOOK FOR CONSTRUCTION AND ITS STORM WATER BEST MANAGEMENT PRACTICES (BMP) STANDARDS. THE BMPs REQUIRED WITHIN MORGAN HILL ARE MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL COMPLY WITH ALL BMPs AS DIRECTED BY THE CITY OF MORGAN HILL, INCLUDING BUT NOT LIMITED TO BMPs FOR SEDIMENT CONTROL, TRACKING CONTROL, WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL, NON-STORM WATER MANAGEMENT CONTROL, AND EROSION CONTROL. EXAMPLES OF BMPs THAT ARE REQUIRED INCLUDE BUT ARE NOT LIMITED TO:  
SE-10 STORM DRAIN INLET PROTECTION  
SE-7 STREET SWEEPING AND VACUUMING  
WM-5 SOLID WASTE MANAGEMENT  
WM-9 SANITARY/SEPTIC WASTE MANAGEMENT  
WM-10 CONCRETE WASTE MANAGEMENT
2. PORTABLE SANITARY FACILITIES SHALL HAVE SECONDARY CONTAINMENT, AND BE LOCATED ON RELATIVELY LEVEL GROUND AWAY FROM TRAFFIC AREAS AND STORM DRAIN INLETS.
3. THE CONTRACTOR SHALL NOTIFY THE CITY OF MORGAN HILL 48 HOURS IN ADVANCE OF THE START OF CONSTRUCTION TO REQUEST INSPECTION OF STORM WATER BMPs. ALL STORM WATER BMPs SHALL BE IN PLACE PRIOR TO THE START OF CONSTRUCTION, AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
4. THE INTERIM CSCP IS CONSIDERED A "LIVING DOCUMENT" WHICH MAY BE SUBJECT TO CHANGE FROM TIME TO TIME IN ORDER TO FACILITATE CONSTRUCTION. ALL REQUESTED CHANGES MUST BE APPROVED BY THE CITY OF MORGAN HILL PRIOR TO INSTALLATION.
5. THE CONTRACTOR SHALL INSPECT ALL STORM WATER BMPs REGULARLY TO ASSURE THEY ARE FUNCTIONING PROPERLY. IF A BMP FAILS, THE CONTRACTOR SHALL MAKE REPAIRS IMMEDIATELY AND CLEAN ALL PORTIONS OF STORM DRAIN SYSTEMS THAT MAY HAVE BEEN CONTAMINATED BY FAILURE OF BMP TO THE SATISFACTION OF THE CITY OF MORGAN HILL.

1. LOCATE FIBER ROLLS ON LEVEL CONTOURS SPACED AS FOLLOWS:
  - SLOPE INCLINATION OF 4:1 (H:V) OR FLATTER: FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 20 FT.
  - SLOPE INCLINATION BETWEEN 4:1 AND 2:1 (H:V): FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 15 FT. (A CLOSER SPACING IS MORE EFFECTIVE).
  - SLOPE INCLINATION 2:1 (H:V) OR GREATER: FIBER ROLLS SHOULD BE PLACED AT A MAXIMUM INTERVAL OF 10 FT. (A CLOSER SPACING IS MORE EFFECTIVE).
2. PREPARE THE SLOPE BEFORE BEGINNING INSTALLATION.
3. DIG SMALL TRENCHES ACROSS THE SLOPE ON THE CONTOUR. THE TRENCH DEPTH SHOULD BE 10 TO 12 INCHES, THE THICKNESS OF THE ROLL, AND THE WIDTH SHOULD EQUAL THE ROLL DIAMETER, IN ORDER TO PROVIDE AREA TO BACKFILL THE TRENCH.
4. IT IS CRITICAL THAT ROLLS ARE INSTALLED PERPENDICULAR TO WATER MOVEMENT, AND PARALLEL TO THE SLOPE CONTOUR.
5. START BUILDING TRENCHES AND INSTALLING ROLLS FROM THE BOTTOM OF THE SLOPE AND WORK UP.
6. IT IS RECOMMENDED THAT PILOT HOLES BE DRIVEN THROUGH THE FIBER ROLL. USE A 1/2 INCH DIA. TO DRIVE HOLES THROUGH THE ROLL AND INTO THE SOIL FOR THE WOODEN STAKES.
7. TURN THE ENDS OF THE FIBER ROLL UP SLOPE TO PREVENT RUNOFF FROM GOING AROUND THE ROLL.
8. STAKE FIBER ROLLS INTO THE TRENCH.

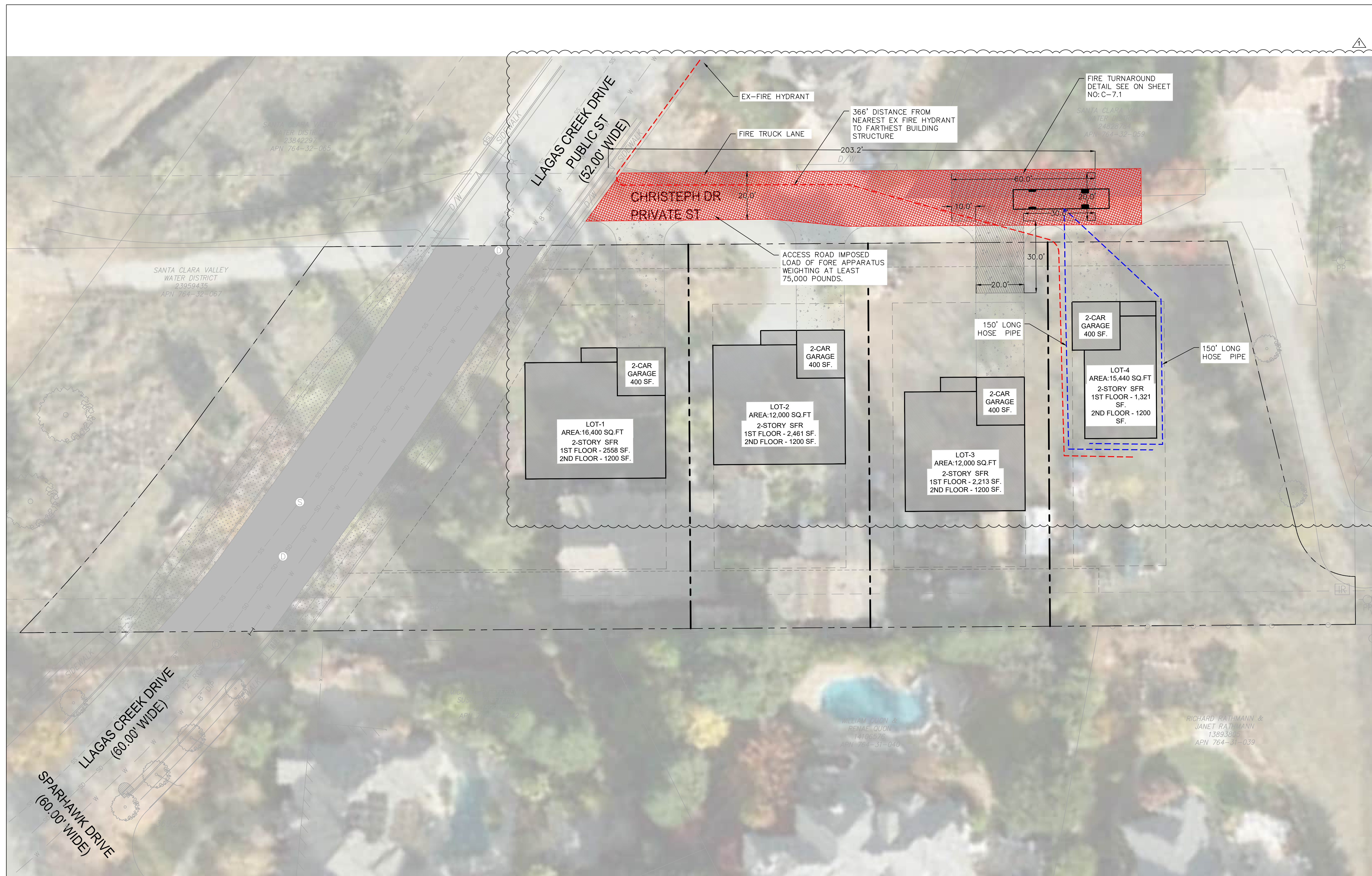
1. INSPECT BMPS PRIOR TO FORECAST RAIN, DAILY DURING EXTENDED RAIN EVENTS, AFTER RAIN EVENTS, WEEKLY DURING THE RAINY SEASON, AND AT TWO-WEEK INTERVALS DURING THE NON-RAINY SEASON.
2. REPAIR OR REPLACE SUMP, TORN, UNRAVELING, OR SLUMPING FIBER ROLLS.
3. IF THE FIBER ROLL USED AS SEDIMENT CAPTURE DEVICE, OR AS AN EROSION CONTROL DEVICE, TO MAINTAIN SEDIMENT FLOWS, SEDIMENT THAT ACCUMULATES IN THE BMP MUST BE PERIODICALLY REMOVED IN ORDER TO MAINTAIN BMP EFFECTIVENESS. SEDIMENT SHOULD BE REMOVED WHEN SEDIMENT ACCUMULATION REACHES ONE-HALF THE DESIGNATED SEDIMENT STORAGE DEPTH, USUALLY ONE-HALF THE DISTANCE BETWEEN THE TOP OF THE FIBER ROLL AND THE ADJACENT GROUND SURFACE. SEDIMENT REMOVED DURING MAINTENANCE MAY BE INCORPORATED INTO EARTHWORK ON THE SITE OR DISPOSED AT AN APPROPRIATE LOCATION.
4. IF FIBER ROLL IS USED FOR EROSION CONTROL SUCH AS IN A MINI CHECK DAM, SEDIMENT REMOVAL SHOULD NOT BE REQUIRED AS LONG AS THE SYSTEM CONTINUES TO CONTROL THE GRADE. SEDIMENT CONTROL BMPs WILL LIKELY BE REQUIRED IN CONJUNCTION WITH THIS TYPE OF APPLICATION.

1. DI PROTECTION TYPE 2 - EXCAVATED DROP INLET SEDIMENT TRAP - THE EXCAVATED DROP INLET SEDIMENT TRAP (TYPE 2) IS SHOWN IN THE ATTACHED FIGURES. INSTALL FILTER FABRIC FENCE IN ACCORDANCE WITH DI PROTECTION TYPE 1. SIZE EXCAVATED TRAP TO PROVIDE A MINIMUM STORAGE CAPACITY CALCULATED AT THE RATE 67 YD<sup>3</sup>/ACRE OF DRAINAGE AREA.







2. INSPECT BMPs PRIOR TO FORECAST RAIN, DAILY DURING EXTENDED RAIN EVENTS, AFTER RAIN EVENTS, WEEKLY DURING THE RAINY SEASON, AND AT TWO-WEEK INTERVALS DURING THE NON-RAINY SEASON.
3. FILTER FABRIC FENCES, IF THE FABRIC BECOMES CLOGGED, TORN, OR DEGRADED IT SHOULD BE REPLACED. MAKE SURE THE STAKES ARE SECURELY DRIVEN IN THE GROUND AND ARE IN GOOD SHAPE (I.E., NOT BENT, CRACKED, OR SPLINTERED) AND ARE REASONABLY PERPENDICULAR TO THE GROUND). REPLACE DAMAGED STAKES.
4. GRAVEL FILTERS: IF THE GRAVEL BECOMES CLOGGED WITH SEDIMENT, IT MUST BE CAREFULLY REMOVED FROM THE INLET AND EITHER CLEANED OR REPLACED. SINCE CLEANING GRAVEL AT A CONSTRUCTION SITE MAY BE DIFFICULT, CONSIDER USING THE SEDIMENT-LADEN STONE AS FILL MATERIAL AND PUT FRESH STONE AROUND THE INLET. INSPECT BAGS FOR HOLES, GASHERS, AND SNAGS, AND REPLACE BAGS AS NEEDED. CHECK GRAVEL FILTERS FOR SEDIMENT ACCUMULATION AND DISPLACEMENT. SEDIMENT THAT ACCUMULATES IN THE BMP MUST BE PERIODICALLY REMOVED IN ORDER TO MAINTAIN BMP EFFECTIVENESS. SEDIMENT SHOULD BE REMOVED WHEN THE:
  5. SEDIMENT ACCUMULATION REACHES ONE-THIRD OF THE BARRIER HEIGHT. SEDIMENT REMOVED DURING MAINTENANCE MAY BE INCORPORATED INTO EARTHWORK ON THE SITE OR DISPOSED AT AN APPROPRIATE LOCATION.
  6. REMOVE STORM DRAIN INLET PROTECTION ONCE THE DRAINAGE AREA IS STABILIZED.
  7. CLEAN AND REGRADE AREA AROUND THE INLET AND CLEAN THE INSIDE OF THE STORM DRAIN INLET AS IT MUST BE FREE OF SEDIMENT AND DEBRIS AT THE TIME OF FINAL INSPECTION.

				PREPARED BY:			PREPARED FOR:	TITLE:  EROSION SEDIMENT CONTROL PLAN DETAILS	DATE: 12/19/2025	C-6.1	
							18197 LLAGAS CREEK DRIVE				DESIGNED BY: P. SINGH
							MORGAN HILL , CA - 95037				DRAWN BY: G. SINGH
							APN: 764-32-066				CHECKED BY: M. SAINI
											APPROVED BY: M. SAINI
 NO.	M.S BY	11/05/2025 DATE	ISSUED FOR REVIEW								

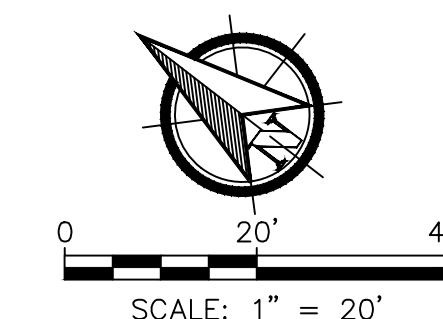






### LEGEND

- 
- |   |                   |
|---|-------------------|
|  | PROPERTY BOUNDARY |
|  | ASPHALT           |
|  | BUILDING          |
|  | CONCRETE          |
|  | LANDSCAPE AREA    |
|  | FIRE TRUCK LANE   |

NOTE:  
ACCESS ROAD IMPOSED LOAD OF FIRE APPARATUS  
WEIGHING AT LEAST 75,000 POUNDS)



				PREPARED BY:			PREPARED FOR:	TITLE:  FIRE TRUCK ACCESS PLAN	DATE: 12/19/2025	C-7.0
							DESIGNED BY: P. SINGH			
							DRAWN BY: G. SINGH			
							CHECKED BY: M. SAINI			
							APPROVED BY: M. SAINI			
1 NO.	M.S BY	11/05/2025 DATE	ISSUED FOR REVIEW							



