

IMPERVIOUS AREA CALCULATIONS
LOT AREA = 2,795 AC ~ 121,750 SF.

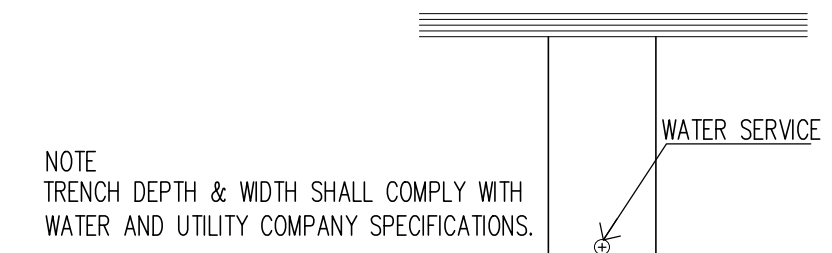
	IMPERVIOUS (SF)	PERVIOUS (SF)
BUILDING	3,488	
DRIVEWAY		3,536
OPEN SPACE		114,726
TOTAL	3,488	118,262

EARTHWORK QUANTITIES

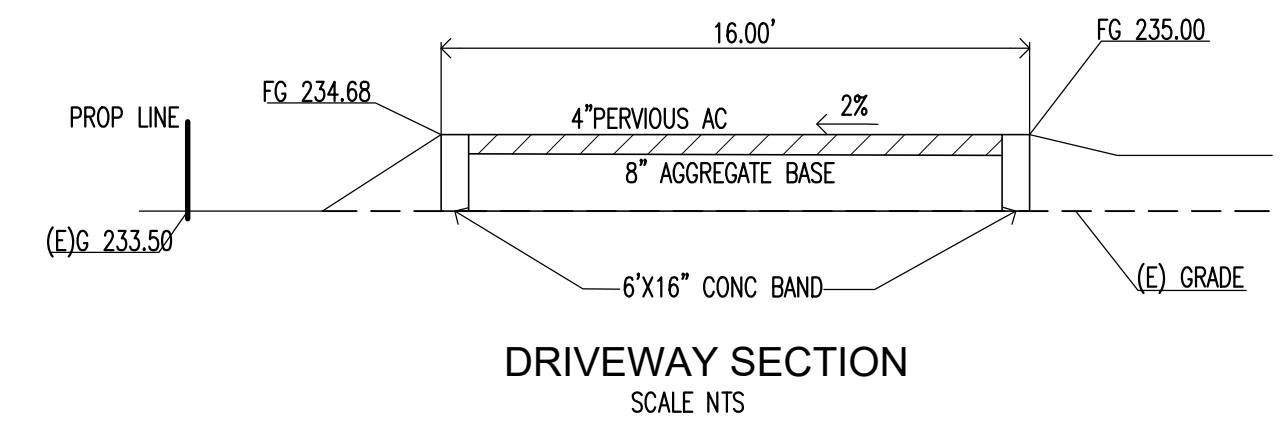
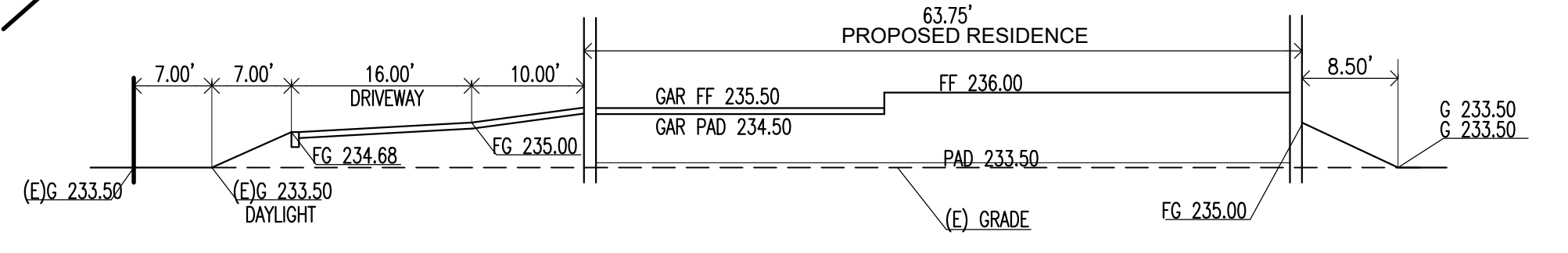
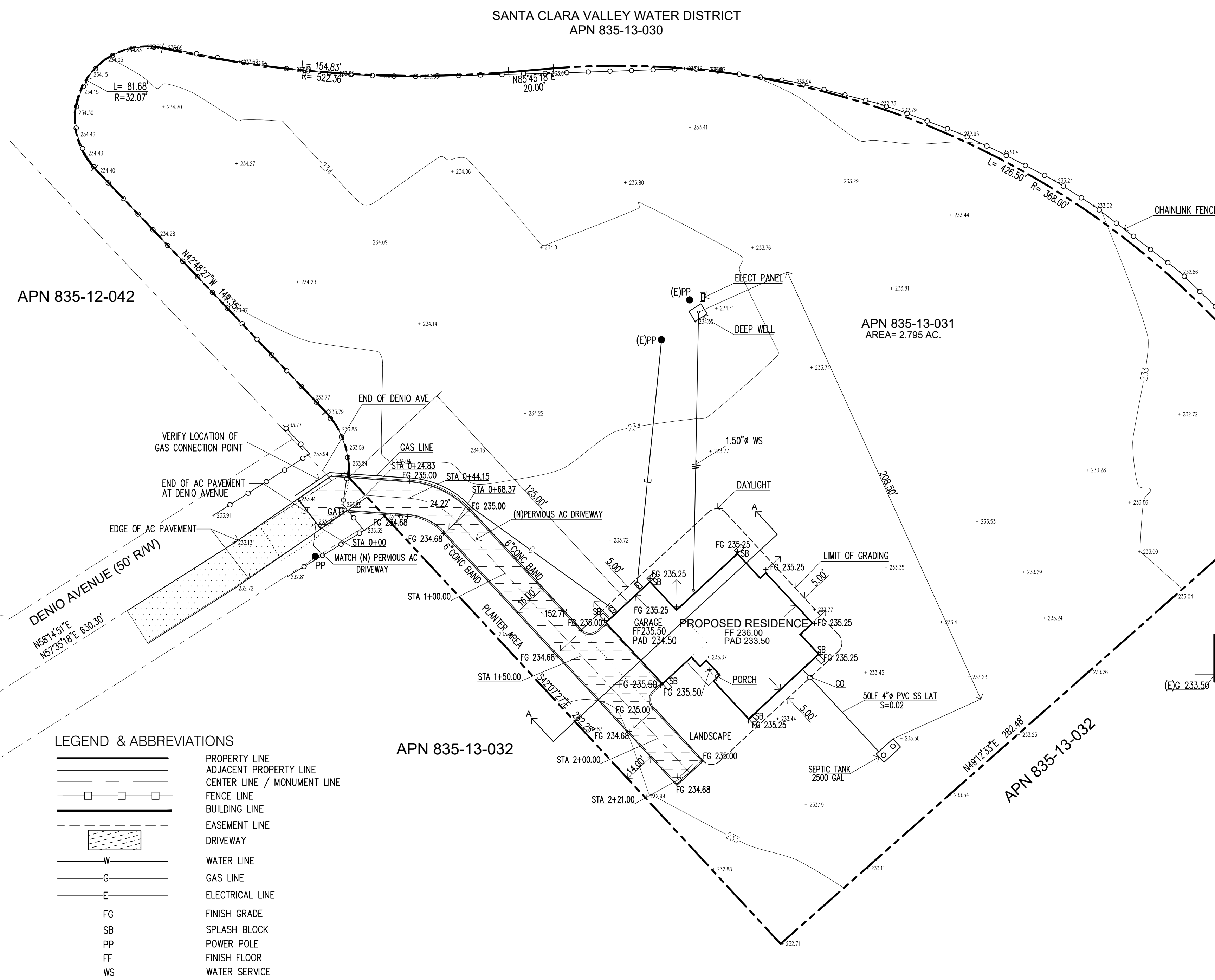
SITE	CUT (CF.)	FILL (CF.)	NET	MAX CUT (HT.)	MAX FILL (HT.)
BUILDING (FOUNDATION)	11			0	0
BUILDING (GARAGE)		37			1'
DRIVEWAY	0	21		0	0.25'
TOTAL	11	76	65		

- GENERAL GRADING & DRAINAGE NOTES:**
- ALL GRADING SHALL ADHERE TO THE RECOMMENDATION IN THE PROJECT GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT.
 - ALL GRADES SHOWN HERE ARE FINISH GRADES UNLESS OTHERWISE NOTED.
 - ALL CUT AND FILL SLOPES AT THE BOUNDARY LINES SHALL BE CONSTRUCTED IN SUCH A MANNER THAT THE ADJACENT FENCES WILL NOT BE DAMAGED. GRADING SHALL CONFORM AT THE BOUNDARY LINES.
 - DURING GRADING OPERATION, THE CONTRACTOR SHALL IMPLEMENT DUST CONTROL MEASURES BOTH ON SITE, STREETS SHALL BE SWEEPED PER REQUIREMENTS SPECIFIED IN BLUE PRINT FOR CLEAN BAY.
 - WASTEWATER GENERATED DURING CONSTRUCTIONS SHALL NOT BE DISCHARGED TO THE STORM DRAIN SYSTEM. THIS INCLUDES WASTE FROM PAINTING, SAWCUTTING, CONCRETE WORK ETC. THE CONTRACTOR SHALL MAKE ARRANGEMENTS TO ELIMINATE DISCHARGES TO THE STORM AND IF NECESSARY PROVIDE AN AREA FOR ON SITE WASHING ACTIVITIES DURING CONSTRUCTION. MATERIALS THAT COULD CONTAMINATE STORM RUNOFF SHALL BE STORED IN AREAS WHICH ARE TO PREVENT EXPOSURES TO RAINFALL AND TO NOT ALLOW STORM WATER TO RUN ONTO THE AREA.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF SAID GRADING QUANTITIES PRIOR TO START OF GRADING OPERATIONS. THE CONTRACTOR ALSO SHALL BE RESPONSIBLE FOR DISTRIBUTING EXCESS MATERIAL OR SUPPLY MATERIAL FOR DEFICIENCIES TO BRING PAVEMENT AND IF NECESSARY PROVIDE AN AREA FOR ON SITE WASHING ACTIVITIES DURING CONSTRUCTION.
 - FLUSHING OF STREET TO REMOVE DIRT AND CONSTRUCTION DEBRIS IS PROHIBITED UNLESS PROPER SEDIMENT CONTROL ARE USED. AREAS REQUIRING CLEANING SHOULD BE SWEEPED.
 - WHERE UNSTABLE OR UNSUITABLE ARE ENCOUNTERED DURING SUBGRADE PREPARATION, THE AREA IN QUESTION SHALL BE EXCAVATED AND REPLACED BY SELECT BACKFILL MATERIAL AS NEEDED.
 - EARTHWORK QUANTITIES SHOWN ON THIS PLAN ARE APPROXIMATE ESTIMATED QUANTITIES AND ARE FURNISHED FOR THE CITY INFORMATION ONLY. THE ACTUAL AMOUNT MAY VARY DEPENDING ON COMPACTION, CONSOLIDATION, STRIPPING AND THE CONTRACTORS METHOD OF OPERATION.

- GENERAL NOTES**
- AN ENCROACHMENT PERMIT IS REQUIRED FOR CONSTRUCTION IN THE CITY RIGHT OF WAY. THE ENCROACHMENT PERMIT SHALL BE ISSUED CONCURRENT WITH THE BLDG. PERMIT.
 - UTILITY WORK IN THE STREET RIGHT OF WAY NOT INSTALLED BY CONTRACTOR WILL REQUIRE A SEPARATE PERMIT BY THE AGENCY PERFORMING SUCH WORK.
 - LANDSCAPE FINISHED GRADE WITHIN FIVE FEET OF THE BUILDING OR STRUCTURE SHALL SLOPE AWAY AT 5% MIN FROM THE FOUNDATION. ALL EXTERIOR HARD SURFACING AREAS INCLUDING TERRACES SHALL BE INSTALLED WITHIN A 1% MIN GRADIENT AND DRAIN AWAY FROM THE BUILDING. FINISH GRADE DRAINAGE SWALES SHALL HAVE A MINIMUM SLOPE OF 1% MAXIMUM GRADED SLOPE IS 3:1 (3 HORIZONTAL TO 1 VERTICAL).
 - PROVIDE A SPLASH BLOCK AND AT ALL DOWNSPOUTS LOCATIONS EXCEPT WHERE A CONCRETE WALKWAY IS PROPOSED.
 - THE APPLICANT NEEDS TO CONTACT THE WATER SERVICE COMPANY, SANITARY DISTRICT, PG&E, AT&T OR COMCAST FOR SPECIFIC UTILITY REQUIREMENTS.
 - ALL NEW UTILITY CONNECTIONS MUST BE BORED JACKED. OPEN STREET CUTS, TRENCHING WILL NOT BE PERMITTED ACROSS ROAD UNLESS APPROVED BY THE COUNTY ENGINEER.
 - ALL NEW ELECTRICAL, TELEPHONE, AND CABLE TELEVISION SERVICES NEEDS TO BE PROVIDED UNDERGROUND.
 - THE CONTRACTOR MUST REPAIR ANY DAMAGE TO THE EXISTING FRONTAGE IMPROVEMENTS CAUSED BY THE CONSTRUCTION PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY.
 - RAIN WATER LEADERS FROM THE ROOF GUTTERS SHALL NOT BE PIPED DIRECTLY TO THE STORM DRAIN SYSTEM. THEY SHALL BE CONNECTED TO AN EARTHEN SWALE OR COMPARABLE METHOD TO EFFECTIVELY REDUCE THE ENTRY OF POLLUTANTS INTO THE STORM WATER RUNOFF. PROVIDE SPLASH BLOCKS AT ALL DOWNSPOUTS LOCATION PER BUILDING CODE. ALL RAIN WATER LEADERS SHALL DRAIN AT THE OPEN AREA IN FRONT, BACK AND SIDE OF THE PROPERTY.



WATER SUPPLY:
DEEP WELL ON SITE (PRIVATE WATER SERVICE)



LEGEND & ABBREVIATIONS

	PROPERTY LINE
	ADJACENT PROPERTY LINE
	CENTER LINE / MONUMENT LINE
	FENCE LINE
	BUILDING LINE
	EASEMENT LINE
	DRIVEWAY
	WATER LINE
	GAS LINE
	ELECTRICAL LINE
	FINISH GRADE
	SPLASH BLOCK
	POWER POLE
	FINISH FLOOR
	WATER SERVICE

RICARDO S. SITJAR
CIVIL ENGINEER + LAND SURVEYOR
173 NEWCASTLE DRIVE, VALLEJO, CA 94591
TEL. (707) 704-3139 (510) 648-4276

RICARDO S. SITJAR
C.E. NO. 25358 EXP. 12/31/25

DATE	PROJECT	OWNER	SHEET CONTENT	SHEET NO.
03.07.24	TOPOGRAPHIC SURVEY			

PROPOSED RESIDENCE
A P N 835 - 13 - 031
DENIO AVENUE GILROY CALIFORNIA

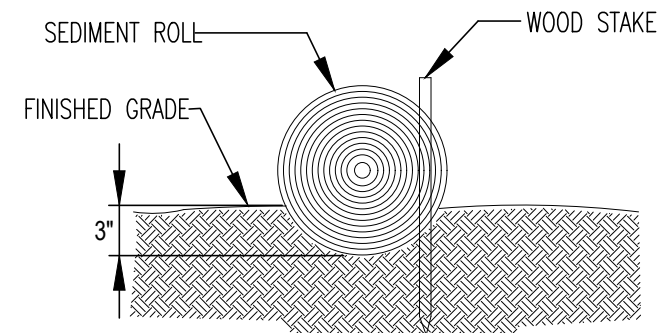
OWNER
DENIO AVENUE GILROY CALIFORNIA

SHEET CONTENT
GRADING AND DRAINAGE PLAN
UTILITY PLAN
STORMWATER MANAGEMENT PLAN

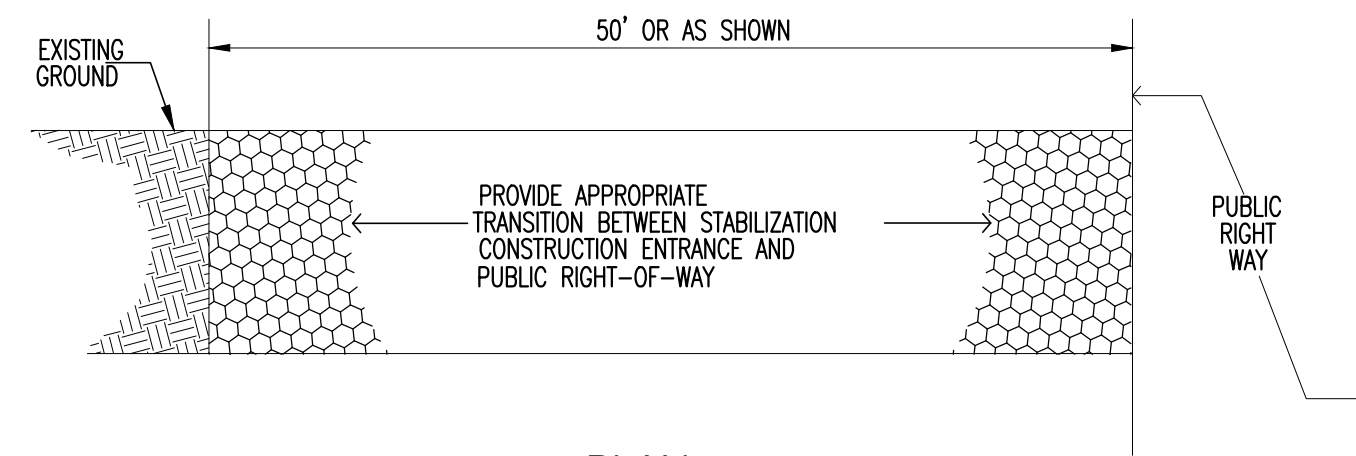
SHEET NO.
C1

LEGEND & ABBREVIATIONS

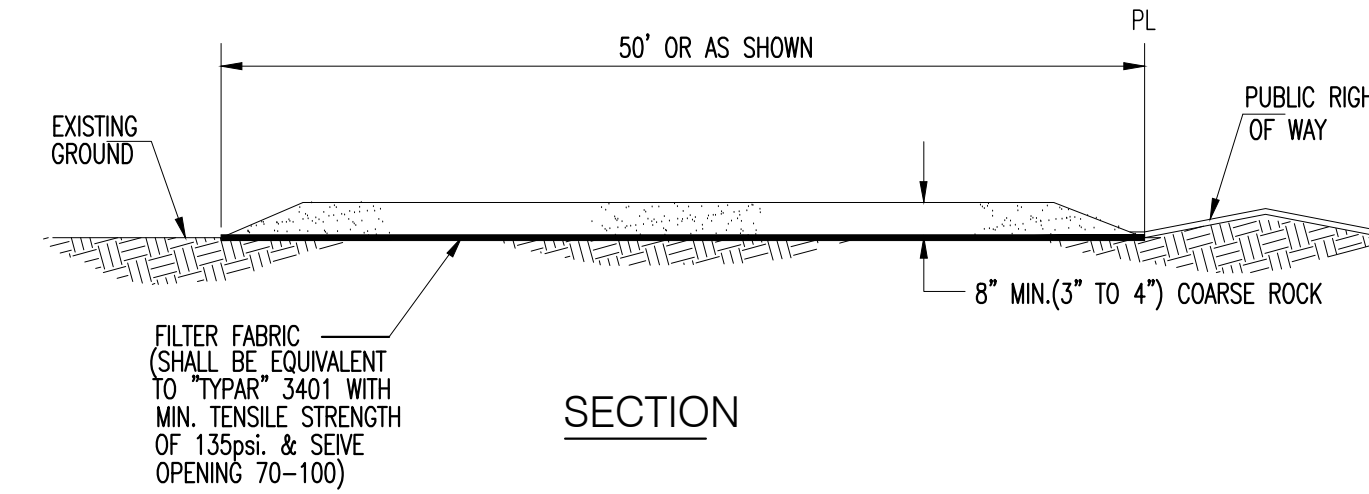
- PROPERTY LINE
- - - ADJACENT PROPERTY LINE
- +— CENTER LINE / MONUMENT LINE
- CHAINLINK FENCE
- ▭ BUILDING LINE
- - - EASEMENT LINE
- ▭ DRIVEWAY



ENTRENCHMENT DETAIL
IN FLAT AREA
STRAW WATTLES
NOT TO SCALE



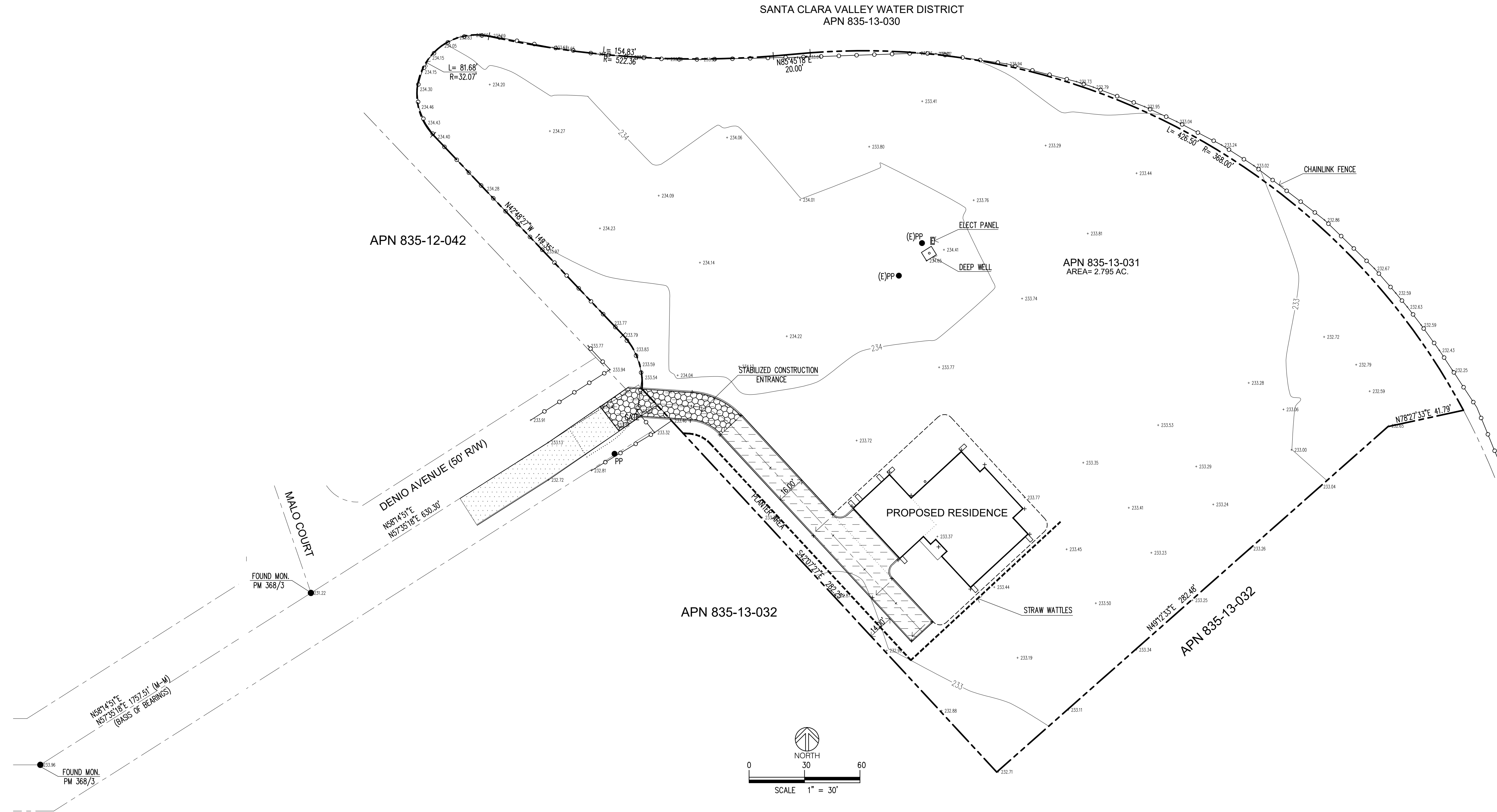
PLAN
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE



SECTION

EROSION CONTROL NOTES

1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE EFFECTIVE FOR CONSTRUCTION DURING THE DURATION OF THE PROJECT.
2. PERSON RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN:
NAME:
ADDRESS:
TELEPHONE BUS:
AFTER OFFICE HOURS:
3. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED AND PERMANENT LANDSCAPE IN PLACE. CHANGES TO EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITION, BUT ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE COUNTY ENGINEER.
4. DURING THE DURATION OF THE PROJECT, ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF FROM ENTERING ANY STORM DRAINAGE SYSTEM.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSPECT AND REPAIR ALL EROSION CONTROL FACILITIES AT THE END OF EACH WORK DAY DURING THE DURATION OF THE PROJECT.
6. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT TEMPORARY BORROW AREAS AND/OR STOCKPILES WITH APPROPRIATE A.B.A.G. EROSION CONTROL MEASURES SATISFACTORY TO THE CITY ENGINEER.
7. ALL OFFSITE PUBLIC STORM DRAIN INLETS DOWN STREAM OF THE PROJECT AREA SHALL BE EQUIPPED WITH TEMPORARY STORM WATER QUALITY FILTRATION DEVICES (FILTER FABRIC, ROCK FILLED SACKS, SAND BAGS) FOR THE DURATION OF WORK. THE CONTRACTOR WILL BE REQUIRED TO VACUUM CLEAN AND HYDRO FLUSH ANY OFFSITE CATCH BASINS THAT HAVE BEEN POLLUTED BY CONSTRUCTION.
8. SLURRY FROM ANY CONCRETE PAVEMENT SAW CUTTING OPERATIONS SHALL BE CONTAINED AND VACUUM REMOVED DURING THE SAW CUTTING OPERATION. SAW CUTTING SLURRY SHALL NOT BE ALLOWED TO ENTER ANY STORM DRAIN INLETS.
9. ANY STOCKPILED EARTHEN MATERIAL OR BUILDING MATERIALS WITH THE POTENTIAL TO POLLUTE STORM WATER RUNOFF SHALL BE PROPERLY CONTAINED AND COVERED TO PREVENT ANY SUCH POLLUTION.
10. PAVED AREAS SHALL BE CLEANED DAILY OR AS REQUIRED BY THE COUNTY ENGINEER TO REMOVED ACCUMULATED DIRT, MUD AND DEBRIS GENERATED FROM THE PROJECT AREA. MIGRATION OF DIRT, MUD AND DEBRIS INTO THE PUBLIC RIGHT OF WAY IS PROHIBITED AND WILL BE STRICTLY ENFORCED.
11. A CONCRETE WASHOUT AREA SHALL BE ENFORCED TO ELIMINATE THE DISCHARGE OF CONCRETE WASTE MATERIALS TO STORM DRAIN SYSTEM. THE LOCATION OF THE CONCRETE WASHOUT AREA SHALL BE DETERMINED BY THE CONTRACTOR.
12. ALL APPLICABLE BEST MANAGEMENT PRACTICES FROM THE CALIFORNIA STORM WATER QUALITY BEST MANAGEMENT PRACTICES HANDBOOK FOR CONSTRUCTION ACTIVITIES MUST BE IMPLEMENTED BY THE CONTRACTOR AS NECESSARY TO CONTROL THE POLLUTION OF STORM WATER RUNOFF TO THE SATISFACTION OF THE COUNTY ENGINEER.
13. THIS PLAN IS INTENDED TO BE USED FOR EROSION CONTROL WORK ONLY. OTHER INFORMATION SHOWN HEREIN MAY NOT BE THE MOST CURRENT. REFER TO GRADING PLAN FOR OTHER INFORMATION.



<p>RICARDO S. SITJAR CIVIL ENGINEER + LAND SURVEYOR</p> <p>173 NEWCASTLE DRIVE, VALLEJO, CA 94591 TEL. (707) 704-3139 (510) 648-4276</p>		<p>DATE 03.07.24</p> <p>TOPOGRAPHIC SURVEY</p>	<p>PROJECT PROPOSED RESIDENCE A P N 835 - 13 - 031 DENIO AVENUE GILROY CALIFORNIA</p>	<p>OWNER DENIO AVENUE GILROY CALIFORNIA</p>	<p>SHEET CONTENT EROSION CONTROL PLAN</p>	<p>SHEET NO. C2</p>
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