ABBREVIATIONS: ANCHOR BOLT HANGER HEADER ADJUSTABLE **AMERICAN** HORIZ. HORIZONTAL CONCRETE INSTITUTE HSB H.S. HIGH STRENGTH BOLT AMERICAN INSTITUTE HIGH SIDE CONSTRUCTION INSIDE DIAMETER AMERICAN SOCIETY INTERIOR FOR TESTING & JST. MATERIALS K OR KIPS 1000 lbs. AMERICAN PLYWOOD LAMINATED LB OR LB POUNDS ASSOCIATION ARCHITECT(URAL) LOW SIDE LT. MT. LIGHT WEIGHT AMERICAN MELDING LONG LEG VERTICAL SOCIETY MACHINE BOLT MAS. MASONRY BRACED FRAME MAX. MF. MAXIMUM BLOCK BLKG. BLOCKING MOMENT FRAME MTL. METAL MINIMUM BUILDING N.T.S. NOT TO SCALE BOUNDARY NAILING NO OR # NUMBER CHANNEL ON CENTER OPNG. CEILING OPENING CLEAR OPPOSITE COLUMN OUTSIDE DIA CONCRETE MASONRY PLATE PENNY (d CONSTRUCTION JOINT PLYMD. PLYMOOD CONCRETE POUNDS PER SQUARE CONNECTION CONST P.S.I. CONSTRUCTION POUNDS PER SQUARE CONT CONTINUOUS DOUBLE ANGLE PRESS. PRESSURE DEMO. DEMOLISH RADIUS REINF. REINFORCING DIAG. REQD. DIAGONAL REQUIRED DIA.(Φ) DIAMETER ROOM SCHED. SCHEDULE DIMENSION DOUBLE SHEATHING SHEET DRAWING SIMILAR EDGE NAILING SHORT LEG VERTICAL SPEC. ELEVATION SPECIFICATION STGR. EOR ENGINEER OF RECORD STAGGER ENG. STANDARD ENGINEER EQ. EQUAL STIFF. EQUIP. EQUIPMENT STIFFENER STRUCT STRUCTURAL EDGE SCREW OR SQUARE EACH SIDE SYM. SYMMETRICAL EXIST (E EXISTING TOP FLANGE EXPANSION THK. THICK TUBE STEEL FIELD NAILING UNIFORM BUILDING FACE MOUNT FLOOR U.N.O. UNLESS NOTED FLOOR TO FLOOR OTHERWISE FOOTING VERT. VERTICAL FOUNDATION MIDTH FRAMING MEIGHT GAUGE M.M.F. WELDED WIRE FABRIC GALV. GALVANIZED M.M.M. WELDED WIRE MESH GOOD FOR WIDE FLANGE GLUE LAM BEAM MOOD SCREW HOLDOWN

SOLAR REQUIREMENTS

- MAIN SERVICE ENTRANCE WITH END FED BUSS. [CALIFORNIA ENERGY CODE SECTION 110.10(e) | \$ 2 (NO CENTER FED BUSS PANELS ALLOWED)].
- 2. MAIN SERVICE PANEL SHALL RESERVE AS A MINIMUM, A SPACE FOR A DOUBLE POLE CIRCUIT BREAKER AT THE OPPOSITE END OF THE BUSS FROM THE UTILITY FEED POINT AND SHALL BE MARKED "RESERVED FOR SOLAR INVERTERS" (CALIFORNIA ENERGY CODE SECTION 110.10(e) 2 A
- 3. ALL BUILDINGS THAT MUST INCLUDE A SOLAR ZONE MUST ALSO INCLUDE A PLAN FOR CONNECTING A PY AND SWH SYSTEM TO THE BUILDING'S ELECTRICAL AND PLUMBING SYSTEM. THE CONSTRUCTION DOCUMENTS SHALL INDICATE:
- 3.I. A LOCATION FOR INVERTERS AND METERING EQUIPMENT FOR FUTURE SOLAR ELECTRIC SYSTEMS. [CALIFORNIA ENERGY CODE
- 3.2. A PATHWAY FOR ROUTING CONDUIT FROM THE SOLAR ZONE TO THE POINT OF INTERCONNECTION WITH THE ELECTRICAL SERVICE. THERE IS NO REQUIREMENT TO INSTALL ANY CONDUIT. [CALIFORNIA ENERGY CODE IIO.I O(c)].
 - 3.2.I. ONE ACCEPTABLE METHOD WOULD BE TO RUN L TYPE NM IO-3 WIG CABLE RUN FROM THE SERVICE ENTRANCE SOLAR RESERVED BREAKER SPACE TO THE ROOF DECK AREA IN THE ATTIC NEAR THE SOLAR READY ROOF ZONE TERMINATED IN A JUNCTION BOX AND LABELED "PHOTOVOLTAIC CIRCUIT".
- 4. A PATHWAY FOR ROUTING OF PLUMBING FROM THE SOLAR ZONE TO THE WATER HEATING SYSTEM. THERE IS NO REQUIREMENT TO INSTALL ANY PIPING. [CALIFORNIA ENERGY CODE 110.10(c)].
- 5. ONE ACCEPTABLE METHOD OF MEETING THIS REQUIREMENT WOULD BE TO PROVIDE AN ELECTRICAL OUTLET AT THE WATER TANK LOCATION FOR A "PIPE RUNS WITH THREADED ¾ CIRCULATION PUMP AND PROVIDE TWO TERMINATION AT BOTH ENDS FROM THE SOLAR RESERVE AREA TO THE WATER HEATING EQUIPMENT AREA.
- 6. THE SOLAR ZONES MUST BE CLEARLY INDICATED ON THE ROOF PLANS FOR ALL POSSIBLE ORIENTATIONS SHOWING THE MINIMUM 250 SQUARE FEET IN THE 110 TO 270 DEGREES OF "TRUE NORTH" ORIENTATIONS. [CALIFORNIA ENERGY CODE 110.LO(b)1A].
- 7. FOR THOSE HOMES WHICH WILL BE USING ANY OF THE EXCEPTIONS FROM THE C.E.C. SECTION IIO.IO(b) I-7, IT SHALL BE CLEARLY INDICATED ON THE PLANS WHICH EXCEPTION IS TO BE USED FOR COMPLIANCE TO THE SOLAR READY REQUIREMENTS.
- I & II ARE ONLY GIVEN AS EXAMPLES OF WAYS TO COMPLY W/ THE REQUIREMENTS. IT IS THE DESIGNER'S RESPONSIBILITY TO PROVIDE A PLAN FOR COMPLIANCE W/ THESE REQUIREMENTS.

WIND DESIGN

110

TOPOGRAPHIC

 $\boldsymbol{\mathcal{C}}$

SNOW LOAD

0.0 PSF

SEISMIC

DESIGN

CATEGORY

D

WEATHERING

-5000

GENERAL NOTES

I. CHEMICAL TOILET IS REQUIRED ON-SITE DURING CONSTRUCTION.

- PROVIDE ILLUMINATED 12" HIGH ADDRESS POSTING (6" IF WITHIN 50 FEET OF THE STREET) WITH ILLUMINATED SUITE NUMBER 4" HIGH WITH MINIMUM 1/2 "
 STROKE, MOUNTED ON A CONTRASTING BACKGROUND CLEARLY VISIBLE FROM THE STREET.
- IF THE PLANS DO NOT ACCURATELY REFLECT THE JOB CONDITIONS OR THE CONSTRUCTION IS NOT PER PLANS, NO INSPECTIONS WILL OCCUR UNTIL AN ADDENDUM IS APPROVED BY THE CITY/COUNTY IS OBTAINED.
- 4. ANY CHANGES FROM THE APPROVED PLANS DURING THE COURSE OF CONSTRUCTION SHALL CAUSE CONSTRUCTION TO BE SUSPENDED UNTIL SUCH TIME AS THE PLANS CAN BE AMENDED BY THE DESIGNER AND SUBMITTED TO THE CITY/COUNTY FOR REVIEW AND APPROVAL.
- 5. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL DIMENSIONS, GRADES, AND ALL OTHER CONDITIONS AND CORRELATE AT THE JOBSITE AND REPORT ANY DISCREPANCIES TO THE DESIGNER FOR CLARIFICATION PRIOR TO COMMENCING ANY WORK.
- 6. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK AND THE COORDINATION OF ALL TRADES AND GOVERNING AGENCIES.
- 7. THE DESIGNER ASSUMES NO RESPONSIBILITY FOR THE SUPERVISION OF THE WORK AND/OR POSSIBLE ERRORS OR OMISSIONS SHOWN OR INFERRED ON THE DRAWINGS OR THE PROPER EXECUTION OF THE SAME.
- 8. JOB CARD REQUIRED TO BE AVAILABLE FOR SIGNATURE AT JOBSITE.
- 9. THESE PLANS AND RELATED DOCUMENTS MUST BE AVAILABLE AT THE JOBSITE DURING ANY INSPECTION ACTIVITY.

 10. ANY YARDS USED FOR ALLOWABLE AREA INCREASE SHALL BE PERMANENTLY
- PROVIDE A"WILL-SERVE" LETTER FROM AN APPROVED CONSTRUCTION DEBRIS RECYLCING/WASTE HAULER FOR THIS PROJECT. THIS LETTER IS TO BE PROVIDED BY AND SIGNED BY THE "WASET/RECYCLING HAULER" PRIOR TO THE ISSUANCE OF ANY PERMIT.
- ISSUANCE OF ANY PERMIT.

 2. PROVIDE A CONSTRUCTION WASTE MANAGEMENT PLAN FOR THIS PROJECT THAT COMPLIES WITH I THRU 5 OF THE 2022 CAL-GREEN CODE, SEC. 4.408.2. REFER TO CONSTRUCTION WASTE MANAGEMENT PLAN REQUIREMENT SECTION ON
- 13. ALL SHURB(S) AND BUSHES SHALL BE TRIM DOWN TO 3' OR LOWER AND TREE LIMB(S) SHALL BE TRIM UP TO 7' OR HIGHER TO MAXIMIZE VISION AND TO ALLOW FOR CLEAR LINES OF VISIBILITY IN THE PARKING LOT AND PROPERTY.
- 14. ACCORDANCE WITH UL325. GATES INTENDED FOR AUTOMATIC OPERATION SHALL BE DESIGNED, CONSTRUCTED, AND INSTALLED TO COMPLY WITH THE REQUIREMENTS OF ASTM F 2200. ALL MANUAL GATES SHALL BE EQUIPPED WITH A KNOX-BOX CONTAINING A KEY TO THE GATE, OR AN APPROVED KNOX-PADLOCK.
- 15. THIS PROJECT REQUIRES A MINIMUM 3.0 KWDC SOLAR SYSTEM.
- 5. THE QUANTITIES OF HAZARDOUS MATERIALS SHALL NOT EXCEED THE ALLOWABLE 1000 LBS FOR FLAMMABLE MATERIALS AND 100 GALLONS OF COMBUSTIBLE LIQUIDS.
- 17. SUBMIT PLANS TO AND OBTAIN PERMIT FROM THE FIRE PREVENTION DIVISION FOR THE INSTALLATION OR MODIFICATION OF FIRE SPRINKLER SYSTM.
- 18. THIS PERMIT DOES NOT INCLUDE ANY HIGH-PILE STORAGE PER CFC OR RACK STORAGE OVER 8 FEET IN HEIGHT. ANY SUCH PROPOSED STORAGE REQUIRES SUBMITTAL OF PLANS AND APPLICATION FOR PERMITS PER 2022 CFC, CHAPTER 23
- 9. IF CONCRETE STRENGTH IS MORE THAN 2500 PSI. A SPECIAL INSPECTION IS REQUIRED BY THE GEO-TECHNICAL REPORT. THE INSPECTION REPORT SHALL BE SUBMITTED TO AND APPROVED BY THE CITY/COUNTY BUILDING DEPARTMENT PRIOR TO THE FOUNDATION INSPECTION.
- 20. PROVIDE 2% SLOPE AWAY FROM BUILDING FOR A MIN. OF 10 FEET.

 21. RESIDENTIAL SPRINKLERS SHALL BE INSTALL IN DWELLINGS AND SHALL BE A
- 22. DOUGHERTY AVE. AND PALM AVE. ARE COUNTY MAINTAINED ROADS.
- 23. WATER TANKS LARGER THAN 5,000 GALLON WILL REQUIRE SEPARATE BUILDING
- 24. A BIOLOGICAL REPORT FROM A QUALIFIED BIOLOGIST EXAMINING THE IMPACTS OF THE PROPOSED DEVELOPMENT ON AGRICULTURAL RESOURCES ON OR NEAR THE PROPERTY, AND IMPACTS TO SPECIAL STATUS SPECIES, INCLUDING BUT NOT LIMITED TO MIGRATORY BIRDS, NESTING RAPTORS, BATS, AND SPECIAL STATUS SPECIES WHICH MAY USE THE PROPERTY AS FORAGING AREAS OR AS
- 25. AN ARCHAEOLOGICAL REPORT EXAMINING POTENTIAL IMPACTS OF THE PROPOSED DEVELOPMENT ON TRIBAL AND OTHER CULTURAL RESOURCES WILL BE REQUESTED TO CONDUCT AN ENVIRONMENTAL REVIEW.

MIGRATORY CORRIDORS, SUCH AS THE AMERICAN BADGER WILL BE

CLEAN-AIR VEHICLE NOTES

I. INSTALL A LISTED RACEWAY(S) TO ACCOMMODATE ELECTRIC VEHICLE (EV) CHARGING. THE RACEWAY(S) SHALL COMPLY AS

REQUESTED TO CONDUCT AN ENVIRONMENTAL REVIEW.

- I.I. ORIGINATE AT THE MAIN SERVICE. PR SUB-PANEL AND SHALL TERMINATE INTO A LISTED CABINET, BOX, OR I.2. OTHER ENCLOSURE IN CLOSE PROXIMITY TO THE
- 2. THE SERVICE PANEL AND/OR SUB-PANEL SHALL PROVIDE CAPACITY TO INSTALL A 40-AMPERE MINIMUM DEDICATED BRANCH CIRCUIT AND SPACE(S) RESERVED TO PERMIT INSTALLATION OF A BRANCH CIRCUIT OVER-CURRENT BROTECT!//E DEVICE

PROPOSED LOCATION OF AN EV CHARGER.

3. THE SERVICE PANEL OR SUB-PANEL CIRCUIT DIRECTORY SHALL IDENTIFY THE OVER-CURRENT PROTECTIVE DEVICE SPACE(S) RESERVED FOR FUTURE EV CHARGING AS "EV CAPABLE". THE RACEMAY TERMINATION LOCATION SHALL BE PERMANENTLY AND VISIBLY MARKED AS "EV CAPABLE".

DEFERRED SUBMITTALS

FIRE SPRINKLER AND ALARM SYSTEM SHALL

SUBJECT TO DAMAGE FROM

FROST LINE

12"

WINTER

DESIGN

TEMP.

25°

TERMITE

YES

ICE BARRIER

UNDERLAYMENT

REQUIRED

NO

HAZARDS

NO

BE A DEFERRED SUBMITTAL.

SINGLE FAMILY RESIDENCE FOR DHADWAL FAMILY

PALM AVE AND DOUGHERTY AVE MORGAN HILLS, CA 95037 APN - 712-27-012

S5.2 FOUNDATION DETAILS

S6.2 FRAMING DETAILS

S6.3 FRAMING DETAILS
S6.4 FRAMING DETAILS
S6.5 FRAMING DETAILS
S7.1 TJI SPECIFICATIONS

ELECTRICAL

E2.0 POWER PLAN - IST

E2.1 POWER PLAN - 2ND

E3.0 LIGHTING PLAN - IST

E3.1 LIGHTING PLAN - 2ND

E4.0 | GUEST - ELECTRICAL PLAN

M0.1 MECH. NOTES AND SCHEDS.

MECHANICAL PLAN - IST FLOOR

M2 MECHANICAL PLAN - 2ND FLOOR

MECHANICAL

M3 MECHANICAL DETAILS

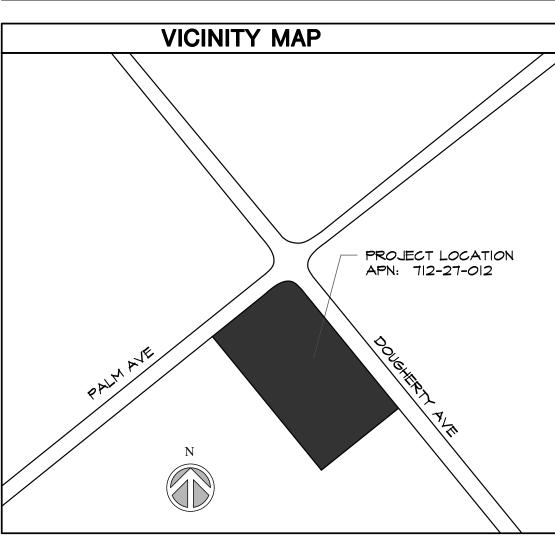
NORTH

ELECTRICAL NOTES. DETAILS, AND SCHEDULES -

FRAMING DETAILS

SHEET INDEX

SITE	COORDIN	IATES			
LATITUDE	37.181904				
LONGITUDE		-121.708893			
SEISMIC ITEM	VALUE	CBC REFERENCE			
SITE CLASS	D				
SOILS BEARING CAPACITY	2000 PSF	APPENDIX 106.1 TABLE 1804.2			
SEISMIC IMPORTANCE FACTOR	1.0	CBC 1603.1.5.1			
SITE COEFFICIENT, Fa	1.0	TABLE 6 3.3.3 (I)			
Ss	1.5	FIGURE 1613.3 (1)			
Sms	1.5	SECTION 1613.3.3 EQN. 16-37			
Sds	1.0	TABLE 1613.3.5 (I)			
SITE COEFFICIENT, FV	NULL-SEE SECTION 11.4.8	TABLE 6 3,3,3 (2)			
SI	0.6	TABLE 6 3.3. (2)			
Sml	NULL-SEE SECTION 11.4.8	SECTION 1613.3 EQN. 16-38			
Sdl	NULL-SEE SECTION 11.4.8	TABLE 1613.3.3 (2)			



DESIGN	SPECIFI	CATION	IS	
OCCUPANCY TYPES:	R3, U			
CONSTRUCTION TYPE:	VB			
GOVERNING CODE:	2022	CBC		
SEISMIC DESIGN CATEGORY:	D			
DESIGN WIND LOAD:	110	MPH	EXPOSURE:	
ALLOWABLE SOIL BEARING	2000	PSI		
COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS	2500	PSI		
		•		
LIVE LOADS:				
ROOF:	20	PSF		
FLOOR:	40	PSF		
DEAD LOADS:				
ROOF: (T-BAR CEILING)	N/A			
ROOF: (STUCCO CEILING)	20	PSF		
ROOF: (DRYWALL CEILING)	20	PSF		
MALL:	15	PSF		

	HATCH	LEGEND	
	STEEL		NATIVE SOIL
	MASONRY		ENGINEERED FILL
	AGGREGRATE		AC PAVING
	DEDICATION		CONCRETE
X	TRUNCATED DOMES	* * * * * * * * * * * * * * * * * * *	LANDSCAPE

	APPLICABLE CODES	
2022	CALIFORNIA BUILDING CODE	
2022	CALIFORNIA PLUMBING CODE	
2022	CALIFORNIA ELECTRICAL CODE	
2022	CALIFORNIA FIRE CODE	
2022	CAL-GREEN	
2022	TITLE 24 ENERGY	
2022	NFPA 24	
SANTA CLA	RA COUNTY MUNICIPAL CODES	

AIR FREEZING

1500

MEAN

ANNUAL

48° F

SHEET	DESCRIPTION		PLUMBING
SHEET		P1.0	PLUMBING SCHEDULES AND NOTES
A 1 O	ARCHITECTURAL	P2.0	PLUMBING DETAILS
A1.0	COVER SHEET	P3.0	WASTE PLAN - IST
A1.1	SITE PLAN	P3.1	WASTE PLAN - 2ND
A2.0	MAIN SFR ELEVATIONS	P4.0	WATER PLAN - IST
A2.1	MAIN SFR ELEVATONS	P4.1	WATER PLAN - 2ND
A3.0	PROPOSED FLOOR PLAN - IST	P5.0	GAS PLAN - IST
A3.1	PROPOSED FLOOR PLAN - 2ND	P6.0	GUEST - PLUMBING SCHEDULES, AND NOTES.
A3.2	PROPOSED FLOOR PLAN - 2ND	P6.1	GUEST - WASTE PLAN
A3.3	OPENING SCHEDULES	P6.2	GUEST - WATER PLAN
A4.0	ROOF DRAINAGE PLAN - IST	P6.3	GUEST - GAS PLAN
A4.1	ROOF DRAINAGE PLAN - 2ND	10.3	
A5.0	CROSS SECTIONS		TITLE 24 ENERGY
A5.1	CROSS SECTIONS	T24-1	TITLE 24 ENERGY DOCUMENTATION - MAIN
A5.2	CROSS SECTIONS	T24-1	TITLE 24 ENERGY DOCUMENTATION - MAIN
A6.0	GUEST - PROPOSED FLOOR PLAN	T24-2	TITLE 24 ENERGY DOCUMENTATION - GUEST
A6.1	GUEST - ELEVATIONS		TITLE 24 ENERGY DOCUMENTATION - GUEST
A6.2	GUEST - OPENING SCHEDULES	T24-2	TITLE 24 ENERGY DOCUMENTATION - GUEST
A6.3	GUEST - ROOF DRAINAGE PLAN		CD A DINIC
A6.4	GUEST - CROSS SECTIONS	C1	GRADING
		C1	COVER SHEET - GRADING
	CAL-GREEN	C2	GRADING PLAN
CG1	CAL-GREEN MANDATORY MEASURES	C3	GRADING PLAN
CG2	CAL-GREEN MANDATORY MEASURES	C4	OFF-SITE STREET IMPROVEMENT
CG3	CAL-GREEN MANDATORY MEASURES	C5	EROSION CONTROL PLAN
CG4	CAL-GREEN MANDATORY MEASURES	C6	DETAILS
		C7	DETAILS
	DETAILS	C8	DETAILS
D1	DETAILS - EXTERIOR FRAMING	С9	STANDARD TRAFFIC CONTROL PLANS
D2	DETAILS - OPENING FRAMING	C10	STANDARD TRAFFIC CONTROL PLANS
D3	DETAILS - STAIRS AND RAILING		
D4	DETAILS - ARCH FRAMING		SOLAR
D7	DETAILS - FIRE-RATED WALLS AND FIRE	PV-1	COVER SHEET - SOLAR
D/	PENETRATIONS	PV-2	SITE PLAN - SOLAR
D8	METAIL		
	DETAILS - VALLEY AND CRICKET FRAMING	PV-2A	ROOF PLAN WITH MODULE LAYOUT
D9	SPECS - ROOF VENTS	PV-2A PV-3	ELECTRICAL LINE DIAGRAM
D9	SPECS - ROOF VENTS	PV-3	ELECTRICAL LINE DIAGRAM
D9 D10	SPECS - ROOF VENTS SPECS - ROOF TILES	PV-3 PV-4	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS
D9 D10 D11	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S)	PV-3 PV-4 PV-5	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS
D9 D10 D11 D12	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD	PV-3 PV-4 PV-5 PV-6	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE
D9 D10 D11 D12 D13	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER	PV-3 PV-4 PV-5 PV-6	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER
D9 D10 D11 D12 D13 D14.0	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC	PV-3 PV-4 PV-5 PV-6 PV-6.1	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER
D9 D10 D11 D12 D13 D14.0 D14.1	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET
D9 D10 D11 D12 D13 D14.0 D14.1	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET
D9 D10 D11 D12 D13 D14.0 D14.1	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET
D9 D10 D11 D12 D13 D14.0 D14.1 D15	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET
D9 D10 D11 D12 D13 D14.0 D14.1 D15	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS STANDARD NOTES AND DETAILS	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS STANDARD NOTES AND DETAILS STANDARD NOTES AND DETAILS	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3 S1.4	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS STANDARD NOTES AND DETAILS STANDARD NOTES AND DETAILS STANDARD NOTES AND DETAILS	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT COMBINED RESULT FROM PERC TEST 2 \$ 3
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3 S1.4 S1.5	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT COMBINED RESULT FROM PERC TEST 2 \$ 3 TANKS DETAILS
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3 S1.4 S1.5 S2.1	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS FOUNDATION PLAN - MAIN	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT COMBINED RESULT FROM PERC TEST 2 & 3 TANKS DETAILS MOUNDS SYSTEM DETAILS
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3 S1.4 S1.5 S2.1 S2.2	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS FOUNDATION PLAN - MAIN FOUNDATION PLAN - ADU	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5 P1 P2 P3 P4a P4b P5	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT COMBINED RESULT FROM PERC TEST 2 & 3 TANKS DETAILS MOUNDS SYSTEM DETAILS MOUND PLAN
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3 S1.4 S1.5 S2.1 S2.2 S3.1	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS FOUNDATION PLAN - MAIN FOUNDATION PLAN - ADU FLOOR FRAMING PLAN	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5 P1 P2 P3 P4a P4b P5 P6	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT COMBINED RESULT FROM PERC TEST 2 \$ 3 TANKS DETAILS MOUNDS SYSTEM DETAILS MOUND DISPOSAL FIELD DETAILS
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3 S1.4 S1.5 S2.1 S2.2 S3.1 S3.2	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS FOUNDATION PLAN - MAIN FOUNDATION PLAN - ADU FLOOR FRAMING PLAN - 2ND	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5 P1 P2 P3 P4a P4b P5 P6 P7	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT COMBINED RESULT FROM PERC TEST 2 \$ 3 TANKS DETAILS MOUNDS SYSTEM DETAILS MOUND PLAN MOUND DISPOSAL FIELD DETAILS LATERAL PIPE DETAILS
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3 S1.4 S1.5 S2.1 S2.2 S3.1 S3.2 S3.3	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS FOUNDATION PLAN - MAIN FOUNDATION PLAN - ADU FLOOR FRAMING PLAN - 2ND ROOF FRAMING PLAN - ADU	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5 P1 P2 P3 P4a P4b P5 P6 P7	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT COMBINED RESULT FROM PERC TEST 2 \$ 3 TANKS DETAILS MOUNDS SYSTEM DETAILS MOUND PLAN MOUND DISPOSAL FIELD DETAILS LATERAL PIPE DETAILS
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3 S1.4 S1.5 S2.1 S2.2 S3.1 S3.2 S3.3 S4.1	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS FOUNDATION PLAN - MAIN FOUNDATION PLAN - ADU FLOOR FRAMING PLAN - 2ND ROOF FRAMING PLAN - ADU SECTIONS - MAIN	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5 P1 P2 P3 P4a P4b P5 P6 P7	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT COMBINED RESULT FROM PERC TEST 2 \$ 3 TANKS DETAILS MOUNDS SYSTEM DETAILS MOUND PLAN MOUND DISPOSAL FIELD DETAILS LATERAL PIPE DETAILS
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3 S1.4 S1.5 S2.1 S2.2 S3.1 S3.2 S3.3 S4.1 S4.2	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS FOUNDATION PLAN - MAIN FOUNDATION PLAN - ADU FLOOR FRAMING PLAN ROOF FRAMING PLAN - ADU SECTIONS - MAIN	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5 P1 P2 P3 P4a P4b P5 P6 P7	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT COMBINED RESULT FROM PERC TEST 2 \$ 3 TANKS DETAILS MOUNDS SYSTEM DETAILS MOUND PLAN MOUND DISPOSAL FIELD DETAILS LATERAL PIPE DETAILS
D9 D10 D11 D12 D13 D14.0 D14.1 D15 S1.1 S1.2 S1.3 S1.4 S1.5 S2.1 S2.2 S3.1 S3.2 S3.3 S4.1 S4.2 S4.3	SPECS - ROOF VENTS SPECS - ROOF TILES SPECS - SMOKE AND CO2 DETECTOR(S) SPECS - RESIDENTIAL HOOD SPECS - HARDIE BACKER SPECS - DELTEC SPECS - DELTEC SPECS - BALLASTER STRUCTURAL STANDARD NOTES AND DETAILS FOUNDATION PLAN - MAIN FOUNDATION PLAN - ADU FLOOR FRAMING PLAN ROOF FRAMING PLAN - ADU SECTIONS - MAIN SECTIONS - MAIN	PV-3 PV-4 PV-5 PV-6 PV-6.1 PV-6.2 PV-6.3 PV-6.4 PV-6.5 P1 P2 P3 P4a P4b P5 P6 P7	ELECTRICAL LINE DIAGRAM MSP PHOTOS AND MATERIAL LISTS LABELS DATA SHEET - MODULE DATA SHEET - INVERTER DATA SHEET - IQ COMBINER DATA SHEET DATA SHEET DATA SHEET DATA SHEET SEPTIC SYSTEM SITE PLAN - SEPTIC MOUND LAYOUT COMBINED RESULT FROM PERC TEST 2 \$ 3 TANKS DETAILS MOUNDS SYSTEM DETAILS MOUND PLAN MOUND DISPOSAL FIELD DETAILS LATERAL PIPE DETAILS

OWNER DATA

GURDEEP DHADWAL AND RAJWANT 2669 WESTBERRT DRIVE SAN JOSE, CA 95132 PHONE: 408-859-4080

CONTACT: GURDEEP

CONTACT: RICARDO

DEVELOPMENT AGENCY

EMAIL: dhadwalg@yahoo.com

SANTA CLARA COUNTY

70 W. HEDDING STREET

SAN JOSE, CA 95132

PHONE: 408-299-5700 CONTACT: BUILDING DEPARTMENT

EMAIL:

225|| LOGAN STREET SELMA, CA 93662 PHONE: 559-89|-88||

CYEAS, INC - RICARDO LEAL - PE

ENGINEER IN RECORD

EMAIL: rleal@cveas.com

ENGINEER IN RECORD

SELMA, CA 93662 PHONE: 559-891-8811 CONTACT: RICARDO

EMAIL: rleal@cveas.com

CYEAS, INC - RICARDO LEAL - PE

MECHANICAL ENGINEER
ALI NEHME, MECHANICAL ENGINEER

225II LOGAN STREET

22914 DRY CREEK ROAD DIAMOND BAR, CA 91765 PHONE: 559-709-3296

PHONE: 559-709-3296 CONTACT: ALI EMAIL: ali8863@amail.com

PROJECT DATA EX. USE: SINGLE FAMILY RESIDENCE NEW USE: 712-27-043 PALM AVE AND DOUGHERTY AVE SITE ADDRESS: MORGAN HILL, CA 95037 A-20Ac-cv CONSTRUCTION TYPE VB R-3 CUSTOM RESIDENCE: R-3 5-CAR GARAGE: PORCH/PATIO:

PORCH/PATIO:	ال				
FIRE SPRINKLER SYSTEM:	YE	S - DEFER	RED		
FIRE ALARM SYSTEM:	YE	S - DEFER	RED		
	·				
	SIT	E DATA			
PARCEL (712-27-043):	5	395,736 SF			9.1 ACRES
COYOTE VALLEY CLIMATE RESILIENCE COMBING DISTRICT (CVCRCD): AG DEVELOPED REQUIREMENT (60% OF LOT AREA REQUIRED)			237,442 SF		
AG DEVELOPED AREA (PEACH/ALMONDS/ETC.):	609	6 MIN OF LO)T		237,442 SF
STREET DEDICATION:					4,103 SF
COYOTE VALLEY CLIMATE R	RESILIE	NCE			
SFR DEVELOPMENT AREA (8	7,300	SF):			83,043 SF
REMAINDER OF UNDISTURB S	OIL:				71,149 SF
ALLOWABLE BUILDING	R-3	9000	×	3	27,000 SF
AREA ANALYSIS	R-3	9000	×	3	27,000 SF
PARCEL #1 (712-27-043):					
IST FLOOR:		SFR GROUN	ND CO	OVER	4,993 SF
2ND FLOOR:					2,306 SF
5-CAR GARAGE:		SFR GROUN	ND CO	OVER	1,089 SF
COVERED PORCH:		SFR GROUN	ND CO	OVER	187 SF
COVERED PATIO:		SFR GROUN	ND CO	OVER	543 SF
COVERED DECK:					4358 SF
STAIR CASES:		SFR GROUN	ND CO	OVER	192 SF
OPEN DECK:					96 SF
WATER STORAGE TANK:		SFR GROUN	ND CO	OVER	456 SF
WATER STORAGE TANK:		SFR GROUN	VD C	OVER	24 SF
TOTAL C	USTOM	SFR GROUN	ND CC	OVER:	7,484 SF
C	OMBIN	CLIMATE R S DISTRICT ERAGE REC	(0)0	RCD)	7,500.0 SF

TOTAL BUILDING GROUND COVER:	7,484 9
ACTUAL GROUND LOT COVERAGE:	1.9 %
	~~~

8,093 SF	TOTAL ROOF AREA (HOUSE/GARAGE):
908 SF	WATER STORAGE TANK PAD (FIRE HYDRANT):
59 SF	WATER STORAGE TANK PAD (SPRINKLER):
68 SF	WELL PUMP SLAB:
166 SF	WALKWAY IN FRONT OF PORCH:
510 SF	A/C PAVING - DRIVE APPROACH:
9,804 SF	TOTAL IMPERVIOUS SURFACES:
	PERVIOUS SURFACES:
11,281 SF	PERVIOUS PAVING:
11,281 SF	TOTAL PERVIOUS SURFACES:
$\wedge$ $\wedge$ $\wedge$ $\wedge$	

IMPERVIOUS SURFACES:

NEW SINGLE FAMILY GURDEEP DHADWAL PALM AVE AND DOUG MORGAN HILLS, CA 98

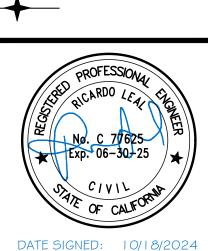
0

S

**CENTRAL VALLE** 

SELMA, CA 93662 Fax (559) 891-88

WWW.CVEAS.COM Email: info@cveas.c



Revisions:	Date:

COVER SHEET

CVEAS JOB # :

DATE:

10/18/2024

PLANNING SUBMITTAL #:

XX-XXXX

PLAN CHECK SUBMITTAL #:

XX-XXXX

DRAWN BY:

CHECKED BY:

SCALE:

A1.0

CENTRAL VALLEY
ENGINEERING & SURVEYING, IN
2511 LOGAN STREET Tel. (559) 891-8
SELMA, CA 93662 Fax (559) 891-88
WWW.CVEAS.COM Email: info@cveas.c

NEW SINGLE FAMILY RESIDENCE GURDEEP DHADWAL PALM AVE AND DOUGHERTY AVE MORGAN HILLS, CA 95037

OR:

Revisions: Date:

DATE SIGNED: 10/18/2024

OVERALL SITE PLAN

CVEAS JOB # :

DATE:

10/18/2024

PLANNING SUBMITTAL #:

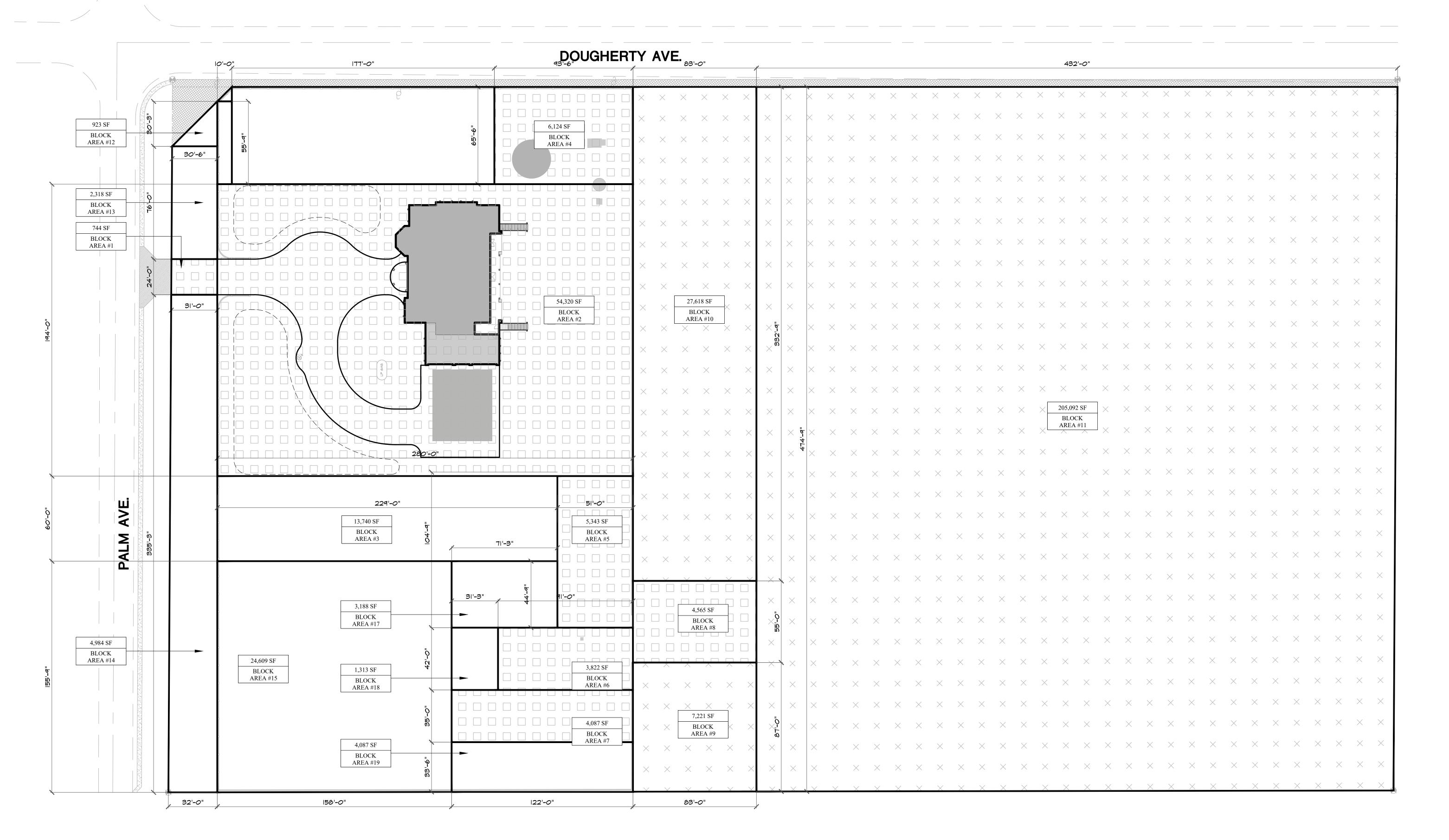
XX-XXXX

PLAN CHECK SUBMITTAL #:

XX-XXXX

DRAWN BY:

CHECKED BY:



BLOCK SITE PLAN

SCALE: 1:30

		E	BLOC	K AREA	LEGE	END (SITE	Ξ)	
PARCEL (712-27-043)				395,736	5	SF	9.08	
AREA	)	QNTY		Б	OIMENSIO (FEET)	ON	SF PER AREA	
DEVELOPMENT ARE	A (2 ACR	E OR 87,120	SF MAX	.):			1	
BLOCK AREA	ı	1	×	31'	X	24'		744
BLOCK AREA	2	ı	X	280'	X	194'		54,320
BLOCK AREA	3	1	×	229'	×	60'		13,740
BLOCK AREA	4	1	×	93'-6"	×	65'-6"		6,124
BLOCK AREA	5	1	×	51'	×	104'-9"		5,342
BLOCK AREA	6	I	×	91'	×	42'		3,822
BLOCK AREA	7	1	×	122'	×	35'		4,270
BLOCK AREA	8	1	×	83'	×	55'		4,565
	•	•					TOTAL:	82,667
COYOTE VALLEY CL	IMATE R	RESILIENCE	COMBIN	NING DISTRICT	REQUIR	EMENT	2 ACRES MAX.	87,120 SF MAX
AG AREA (60% MINI)	NUM):							
BLOCK AREA	9	I	×	83'	×	87'		7,221
BLOCK AREA	10	ı	×	83'	×	332'-9"		27,618
BLOCK AREA	П	ı	×	432'	×	474'-9"		205,092
							TOTAL:	239,931
COYOTE VALLEY CL	IMATE R	RESILIENCE	COMBIN	NING DISTRICT	REQUIR	EMENT	60 %	237,448 SF MIN
REMAINDER OF PRO	PERTY:							
BLOCK AREA	12	I	X	30'-6"	×	30'-3"		461
BLOCK AREA	I3	I	X	30'-6"	X	76'		2,318
BLOCK AREA	14	I	×	32'	×	155'-9"		4,984
BLOCK AREA	15	I	×	158'	×	155'-9"		24,609
BLOCK AREA	16	I	×	60'	×	171'		10,260
BLOCK AREA	17	ı	×	71'-3"	×	44'-9		3,188
BLOCK AREA	18	ı	×	31'-3"	×	42'		1,313
BLOCK AREA	19	ı	×	122'	×	33'-6"		4,087
	-	•					TOTAL:	51,220

CENTRAL VALLEY
ENGINEERING & SURVEYING, III

ENGINEERING & SURVEYING, IN

2511 LOGAN STREET Tel. (559) 891-8

SELMA, CA 93662 Fax (559) 891-8

WWW.CVEAS.COM Email: info@cveas.c

NEW SINGLE FAMILY RESGURDEEP DHADWAL
PALM AVE AND DOUGHEF
MORGAN HILLS CA 95037

> OVERALL SITE PLAN

CVEAS JOB # :

DATE:

10/18/2024

PLANNING SUBMITTAL #:

XX-XXXX

PLAN CHECK SUBMITTAL #:

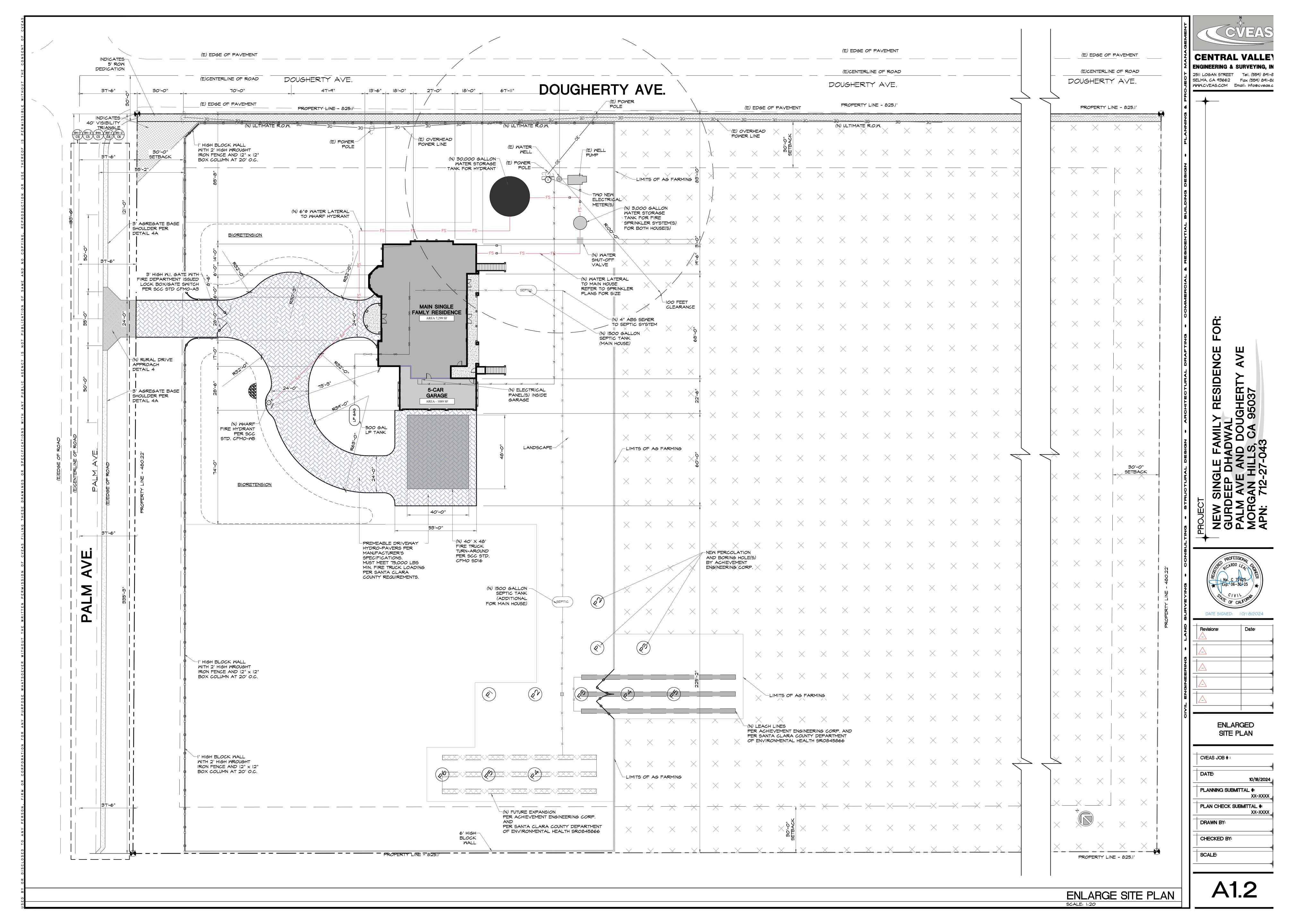
XX-XXXX

DRAWN BY:

CHECKED BY:

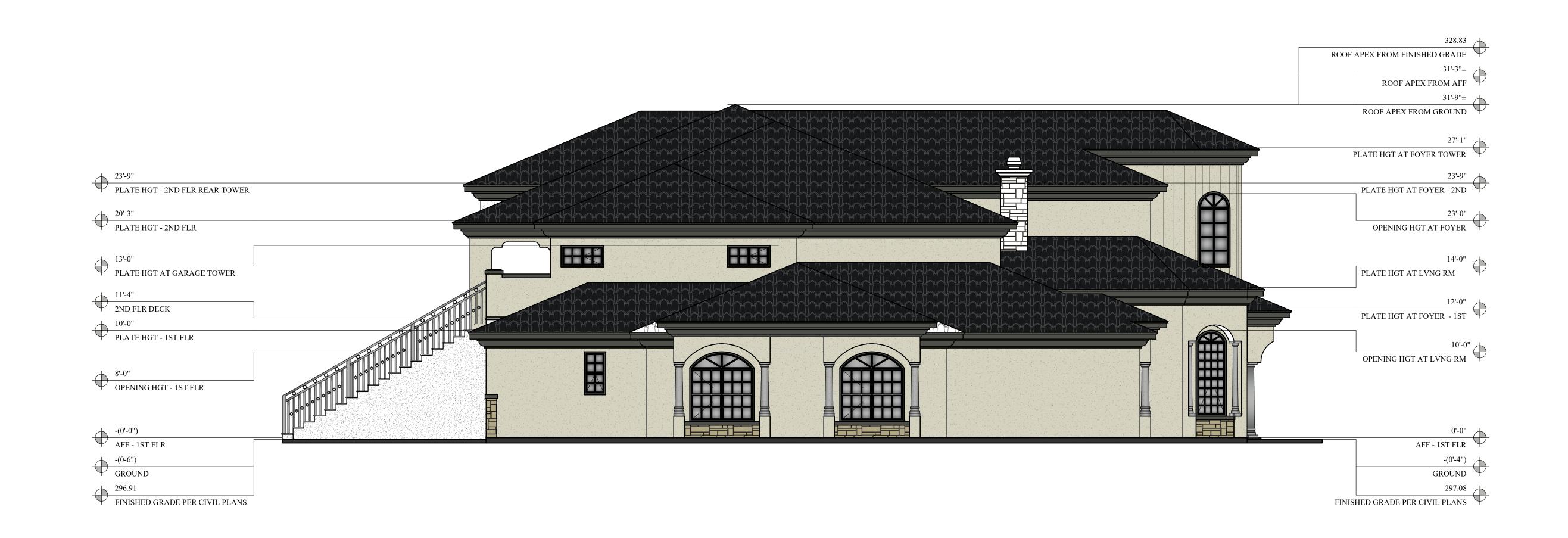
SCALE:

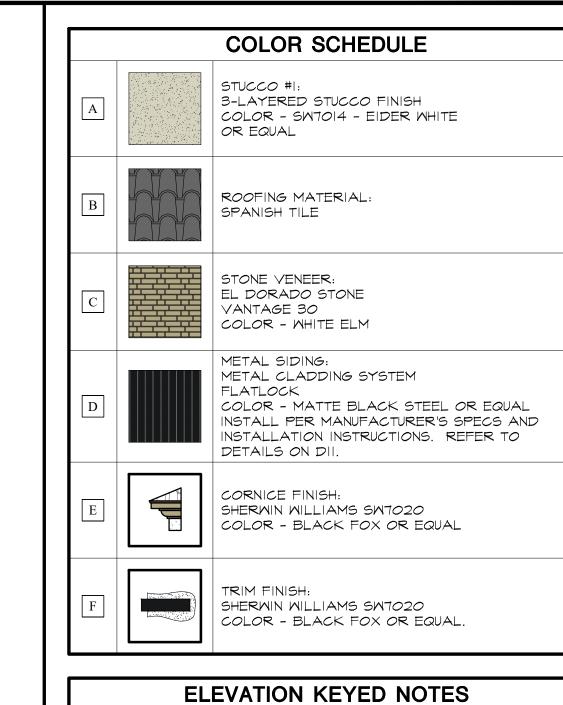
**A1.1A** 



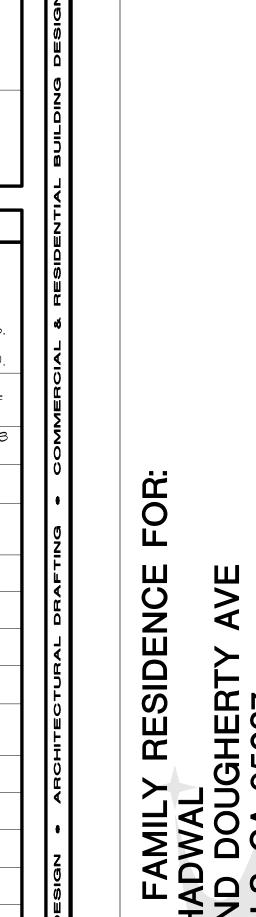








1	3 COAT STUCCO SMOOTH FINISH #1 (4 COLORS): 7/8" MIN. THICKNESS OVER 17 GA. X 1-1/2" HEXAGONAL PAPER BACKED WIRE LATH OVER 2-LAYERS OF TYPE "D" PAPER UNDER-LAYMENT OVER PLYWOOD.
	REFER TO WEEP SCREED DETAIL I/DI FOR EXTERIOR WALLS. REFER TO WEEP SCREED DETAIL 2/DI FOR STEM WALLS REFER TO WEEP SCREED DETAILS 3/DI FOR BOX COLUMN(5).
2	3 COAT STUCCO SMOOTH FINISH (UNDERSIDE CEILING): 7/8" MIN. THICKNESS OVER HI-RIB LATH OVER 2-LAYERS OF TYPE "D" PAPER UNDER-LAYMENT OVER PLYMOOD.
3	DOOR OPENING - REFER TO DOOR SCHEDULE ON SHEET A3.3 AND DETAIL(S) ON SHEET D2.
4	MINDOM OPENING - REFER TO MINDOM SCHEDULE ON SHEET A3.3 AND DETAIL(S) ON SHEET D2.
5	ROOF MATERIAL - SPANISH TILES - INSTALL PER MANUFACTURER'S SPECS AND INSTRUCTIONS. REFER TO DETAILS ON SHEET DIO.
6	FOAM CORNICE UNDER FASCIA. REFER TO DETAIL 8/DI.
7	DOUBLE FOAM TRIM. REFER TO DETAIL 5/DI.
8	STONE VENEER AND TRIM. REFER TO DETAIL 7/DI.
9	BUILT-UP CHIMNEY. REFER TO DETAIL I, 2, AND 3/D8.
10	COMPOSITE COLUMN INSTALL PER MANUFACTURER'S SPECS AND INSTALLATION MANUAL.
11	2× FASCIA. REFER TO DETAIL 8/DI.
12	44" HIGH HALF WALL W/ STUCCO FINISHED. REFER STUCCO NOTE #I ABOVE.
13	44" HIGH GUARD RAIL(S). MUST RESIST 200 LBS FORCE. REFER TO DETAIL 5/D3.
14	24" X 24" DECK COLUMN WITH FOAM OR WOOD CAP. REFER TO DETAIL 7/D3.

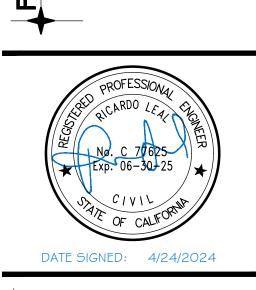


**CENTRAL VALLEY** 

ENGINEERING & SURVEYING, INC. 25|| LOGAN STREET Tel. (559) 89|-88||

SELMA, CA 93662 Fax (559) 891-8815

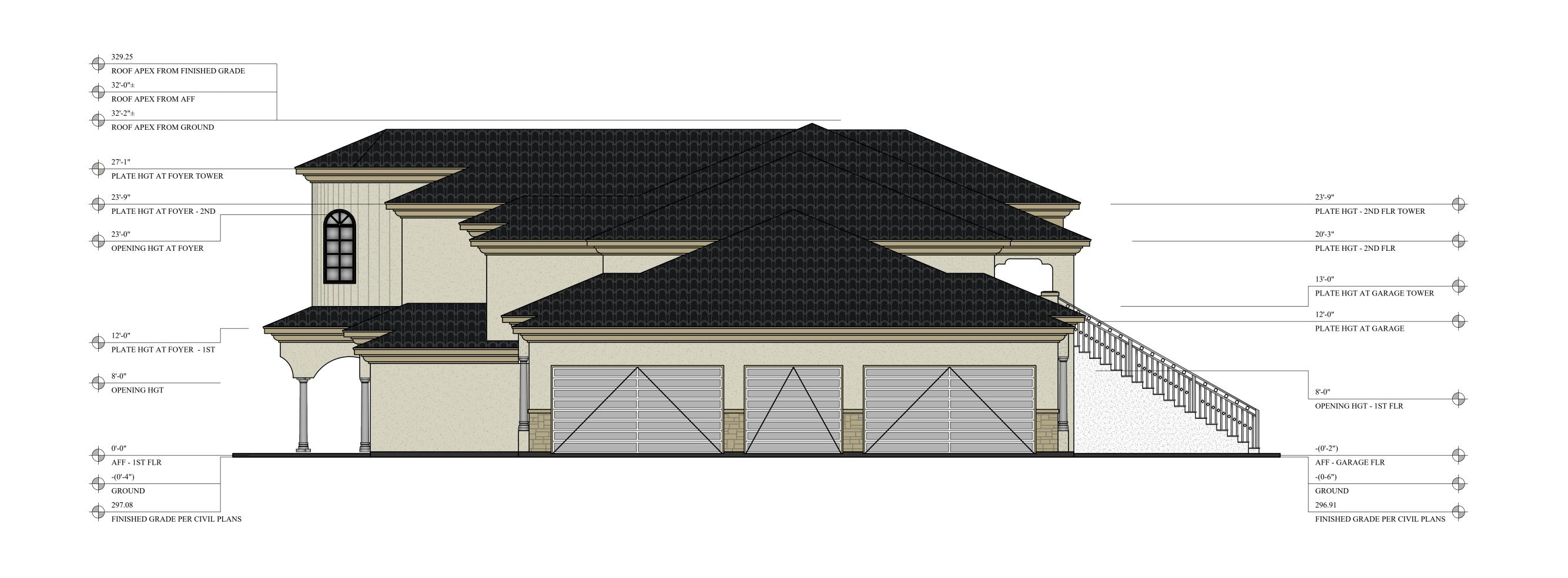
WWW.CVEAS.COM Email: info@cveas.com

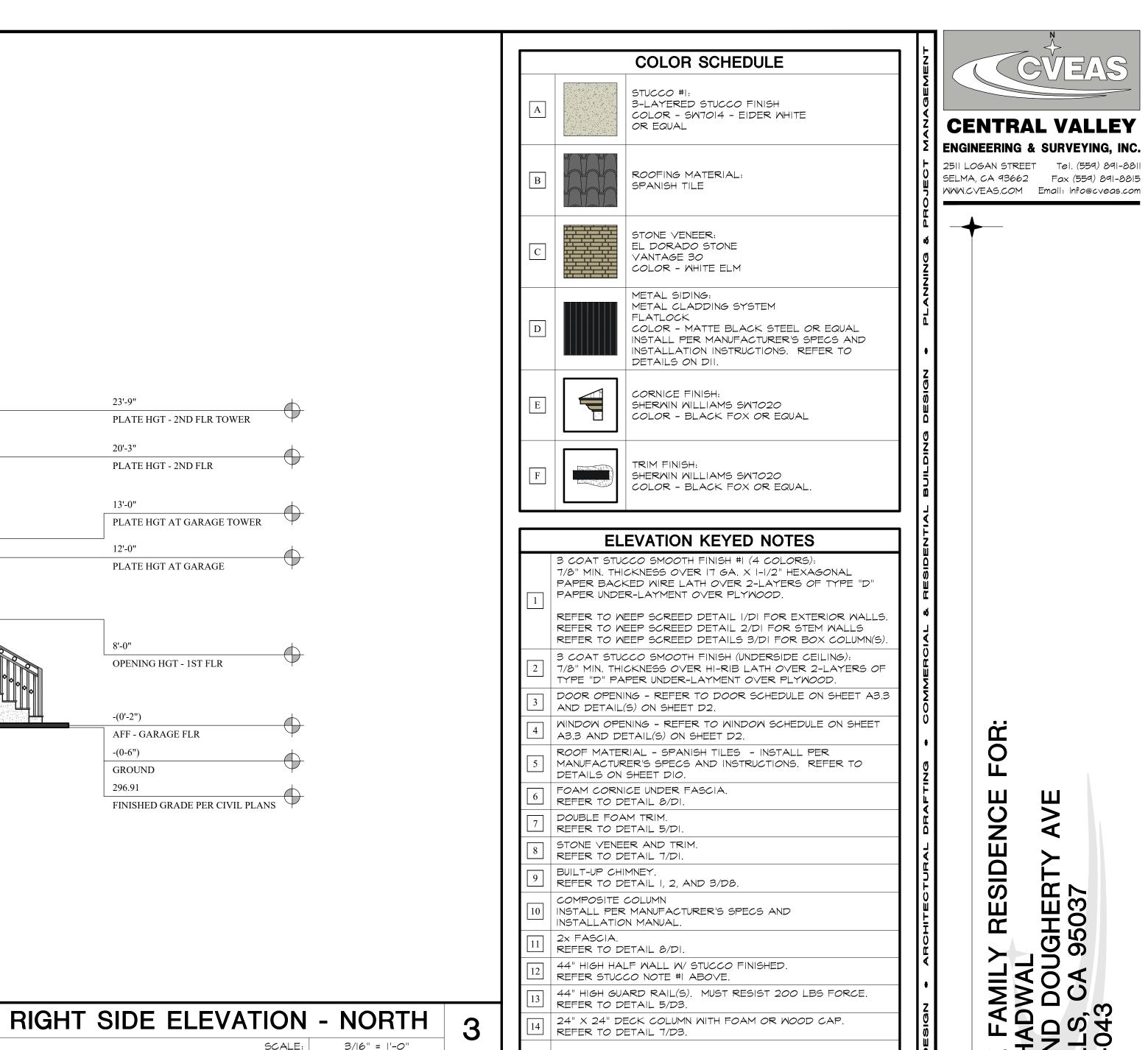


Revisions:	Date:
_	
$\triangle$	
$\triangle$	
$\triangle$	

MAIN HOUSE

CVEAS JOB #: PLANNING SUBMITTAL #: PLAN CHECK SUBMITTAL #: CHECKED BY:









**ELEVATIONS** 

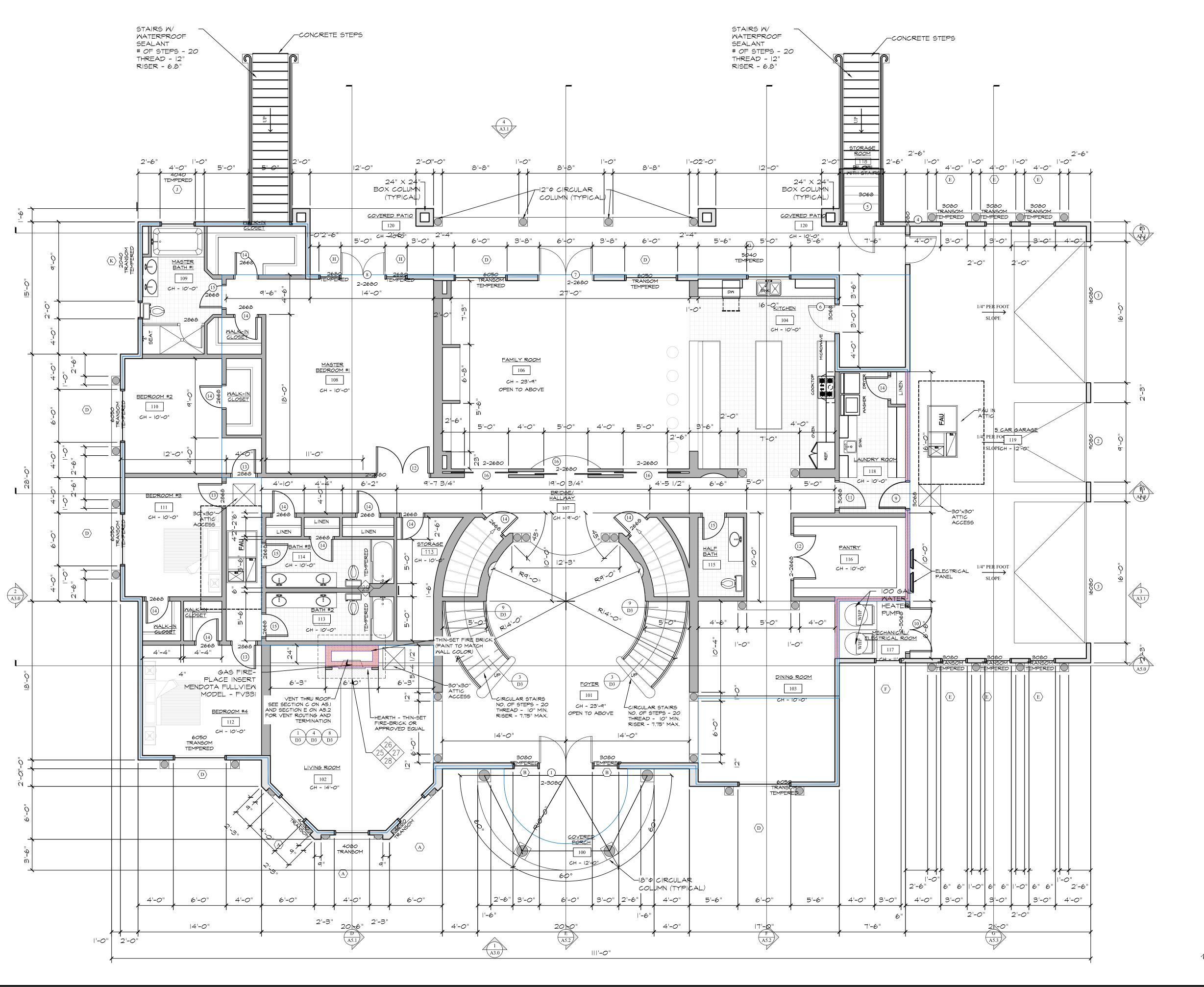
MAIN HOUSE

CVEAS JOB #:

CHECKED BY:

PLANNING SUBMITTAL #:

2511 LOGAN STREET Tel. (559) 891-8811



#### FLOOR PLAN - 1ST FLOOR SCALE: 3/16" = 1'-0"

INSULATION	LEGEND
DESCRIPTION	TYPE
WALL INSULATION	R-19
ROOF INSULATION	R-38
	·

#### **GENERAL NOTES**

- > INSTALL 12-INCH HIGH ADDRESS POSTING FROM THE STREET. THE SIGN SHALL BE TACTILE WITH SUITE NUMBERS IN RAISED NUMBERS AND BRAILLE AT THE MAIN
- THERE SHALL BE NO VERTICAL OFFSET GREATER THAN 1/2 INCH ALONG THE ENTIRE PATH OF TRAVEL FROM THE PUBLIC WAY.
- > FINGER JOINTED STUDS IN STRUCTURAL WALLS (BEARING OR SHEAR) SHALL BE APPROVED AND ARE NOT ALLOWED IN HOLDOWN LOCATIONS.
- (4) PROVIDE THE FOLLOWING FOR FLOORS AND WALLS IN WATER CLOSET
- COMPARTMENTS AND SHOWERS:
  - A. FLOORS: TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD ABSORBENT SURFACE SUCH AS PORTLAND CEMENT, CONCRETE, CERAMIC TILE OR OTHER APPROVED MATERIAL THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 5
  - B. WALLS: WALLS WITHIN 2 FEET OF THE FRONT AND SIDES OF URINALS AND WATER CLOSETS SHALL HAVE SMOOTH, HARD ABSORBENT SURFACE OF PORTLAND CEMENT, CONCRETE, CERAMIC TILE OR OTHER SMOOTH, HARD NON-ASBORBENT SURFACE TO A HEIGHT OF 4 FEET. THE MATERIALS USED IN SUCH WALLS SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY
  - C. ACCESSORIES PROVIDED ON OR WITHIN RESTROOM WALLS SHALL BE INSTALLED AND SEALED TO PROTECT THE STRUCTURAL ELEMENTS FROM
- FASTENERS IN PRESERVATIVE-TREATED WOOD SHALL BE APPROVED SILICON BRONZE OR COPPER, STAINLESS STEEL OR HOT-DIPPED ZINC-COATED GALVANIZED STEEL.
- ALL FINISHED MATERIALS (ADHESIVE, SEALANTS, CAULKS, PAINTS, CARPETS, RESILIENT FLOORING, COMPOSITE WOOD PRODUCTS) SHALL COMPLY WITH CAL-GREEN 5.504.4
- THIS PROJECT HAS BEEN DESIGNATED WITH A UNIFORM LOAD OF 1.5 POUNDS PER SQUARE-FOOT TO SUPPORT THE ADDED LOADS OF A FIRE-SPRINKLER SYSTEM. THE MAIN FRAMING MEMBERS HAVE BEEN DESIGNED TO SUPPORT THE CONCENTRATED LOADS OF A SPRINKLER SYSTEM.
- (8) PROVIDE FIRE BLOCKING AT ALL FLOOR AND CEILING LEVELS AND AT TEN-FOOT INTERVALS.
- THE ATTIC ACCESS SHALL BE WEATHER STRIPPED & INSULATED TO R-38, ON THE ACCESS PANEL.
- 10> CEILING HEIGHT SHALL BE 8'-0" MIN. UNLESS NOTED OTHERWISE.
- 1/2" SHEET ROCK @ ALL WALLS, CEILINGS, AND GARAGE. FOR NAILING, REFER TO NAILING SCHEDULE ON SHEET -----).
- ALL WEATHER STRIPPING, CAULKING, AND SEALING OF EXTERIOR DOOR(S), WINDOW(S), AND BUILDING ENVELOPE OPENINGS, AS REQUIRED BY STANDARDS. SHALL BE SUBJECT FIELD INSPECTION.
- 3> OPEN-ABLE WINDOW AREA SHALL BE GREATER THAN OR EQUAL TO ONE-SIXTEENTH (1/16) OF THE FLOOR AREA. (CBC 1203.3).
- 14> POWER DRIVEN FASTENERS RAMJET PINS NO. 3330 @ BEARING WALLS 18" O.C. \$ NON-BEARING WALLS.
- 15
  angle -ALL MINDOM/DOOR FLASHING REFER TO FLASHING DETAIL #9 ON SHEET DI.
- PROVIDE A 12"x12" MIN. OPENING FOR TUB EQUIPMENT ACCESS PANEL.
- SHOWERS MUST HAVE THE FOLLOWING: A MIN. INSIDE CLEAR DIMENSION OF 30 INCHES MITHIN A MINIMUM TOTAL
- AREA OF 1,024 SQ. IN. MUST HAVE WATERPROOF WALL FINISH UP @ 70 INCHES ABOVE THE SHOWER
- SHOWER CURTAINS OR ENCLOSURES ARE REQUIRED. SHOWER DOORS MUST BE AT LEAST 22 INCHES WIDE.
- PROVIDE A PEDESTRIAN EXIT FROM THE GARAGE OF THE SIZE TO PERMIT THE INSTALLATION OF A 36"x80" DOOR AND THE HARDWARE MAY NOT BE LOCKABLE.
- PROVIDE 5/8" TYPE "X" GYPSUM BOARD ON GARAGE SIDE OF FIREWALL BETWEEN THE GARAGE AND THE DWELLING UNIT AND ITS ATTIC FROM FLOOR TO ROOF SHEATHING. PROVIDE 5/8" TYPE "X" GYPSUM BOARD ON GARAGE SIDE OF THE CEILING/FLOOR SYSTEM WHEN THERE IS HABITABLE AREA ABOVE GARAGE. THE FIRE BARRIER MAY TERMINATE AT THE CEILING WHERE FIRE BARRIER IS HORIZONTAL AND ALL STRUCTURAL MEMBERS THAT SUPPORT FIRE BARRIER ARE PROTECTED BY FIRE RESISTANT CONSTRUCTION NOT LESS THAN 5/8" GYPSUM BOARD OR EQUIVALENT.
- ALL DROP-IN TUBS SHALL BE JETTED OR SOAKING TUB ONLY.
- UPPER CABINETS SHALL BE A MINIMUM OF 18 INCHES ABOVE FINISHED DECK OR THE HOOD IS TO BE INSTALLED PER MANUFACTURER'S REQUIREMENTS WITH CLEARANCES AS REQUIRED BY THE RANGE/COOKTOP MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- ALL RADIUS WALL(S) MUST BE 3/4" PLYWOOD SINGLE AT BOTTOM AND DOUBLE

ALL TUB/SHOWER ENCLOSURE AND GLAZING WITHIN 60 INCHES FROM BOTTOM OF

- ALL GLASS IN DOORS MUST BE LABELED SAFETY GLASS OR TEMPERED GLASS.
- TUB/SHOWER MUST BE LABELED SAFETY GLASS OR TEMPERED GLASS. GAS APPLIANCE INSERT WITH STANDING PILOT SHALL COMPLY WITH TABLE 4-2
- OF THE 2023 CEC. PROVIDE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT JOB SITE FOR
- INSPECTION FOR THE FIREPLACE/WOODSTOVE. PROPANE LOG LIGHTERS ARE NOT ALLOWED.
- MOOD-BURNING, OPEN-HEARTH FIREPLACES (WHICH INCLUDES ALL SOLID-FUEL, WOOD-BURNING FIREPLACES, FIRE-PITS, AND BARBEQUES) ARE NOT ALLOWED IF
- PROPERTY IS BELOW 3000 FEET IN ELEVATION. (29) SHOWER DOORS MUST BE AT LEAST 32 INCHES IN WIDTH.

#### WALL LEGEND

NEW EXTERIOR WALL -2x6 DF#2 MOOD STUD WALL @ 16" O.C. EXTERIOR SIDE - 3-LAYERED STUCCO FINISH 7/8" MIN. THICKNESS OVER 17 GA. X 1-1/2" HEXAGONAL PAPER-BACKED WIRE LATH OVER 2-LAYERS OF TYPE "D" PAPER UNDER-LAYMENT OVER PLYWOOD. INTERIOR SIDE = 1/2" GYPSUM BD. INSULATION - R-19

NEW I HOUR FIRE-RATED MALL -2x6 DF#2 WOOD STUD WALL @ 16" O.C. EACH SIDE - 5/8" GYPSUM TYPE "X" CEILING - 1/2" GYPSUM BD. INSULATION - R-19 REFER TO T24 FOR ADDTN'L INFO.

REFER TO T24 FOR ADDTN'L INFO.

______

_____

NEW DOUBLE EXTERIOR WALL -2x6 DF#2 MOOD STUD WALL @ 16" O.C. EXTERIOR SIDE - 3-LAYERED STUCCO FINISH 7/8" MIN. THICKNESS OVER 17 GA. X 1-1/2" HEXAGONAL PAPER-BACKED WIRE LATH OVER 2-LAYERS OF TYPE "D" PAPER UNDER-LAYMENT OVER PLYWOOD. INTERIOR SIDE = 1/2" GYPSUM BD. INSULATION - R-19 REFER TO T24 FOR ADDTN'L INFO.

NEW INTERIOR WALL -2×4 DF#2 MOOD STUD WALL @ 16" O.C. EACH SIDE - 1/2" GYPSUM BD.

NEW INTERIOR WALL -2x6 DF#2 MOOD STUD WALL @ 16" O.C. EACH SIDE - 1/2" GYPSUM BD.

NEW DOUBLE INTERIOR WALL -2x6 DF#2 MOOD STUD WALL @ 16" O.C. EACH SIDE - 1/2" GYPSUM BD.

NEW I HOUR FIRE-RATED GARAGE WALL -2x6 DF#2 WOOD STUD WALL @ 16" O.C. GARAGE SIDE - 5/8" GYPSUM TYPE "X" DWELLING SIDE - 5/8" GYPSUM BD. CEILING - 5/8" GYPSUM TYPE "X" ON CEILING IF HABITABLE SPACE ABOVE. INSULATION - R-19 REFER TO T24 FOR ADDTN'L INFO.

**CENTRAL VALLEY ENGINEERING & SURVEYING. INC.** 

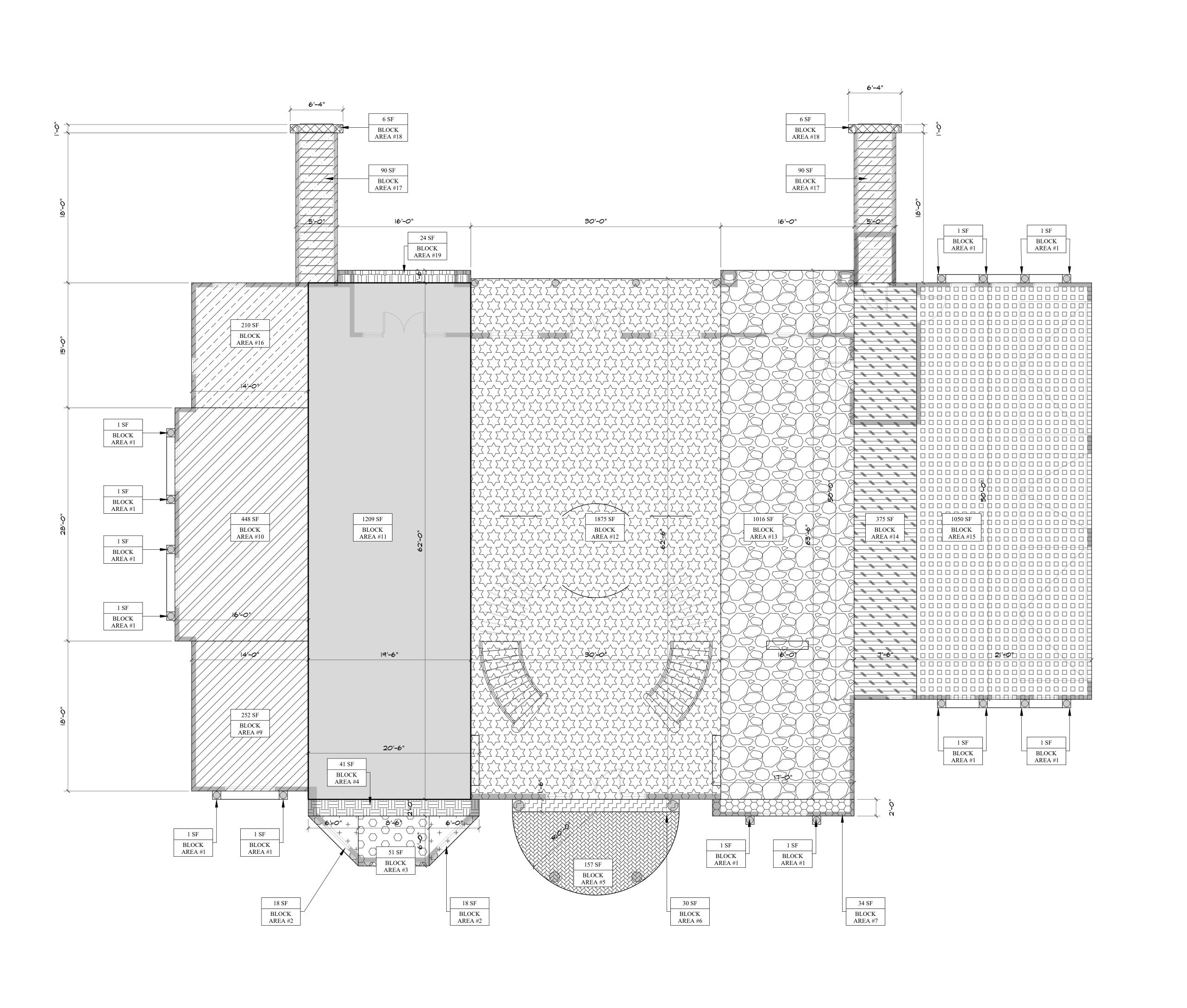
2511 LOGAN STREET Tel. (559) 891-8811 SELMA, CA 93662 Fax (559) 891-8815 WWW.CVEAS.COM Email: info@cveas.com

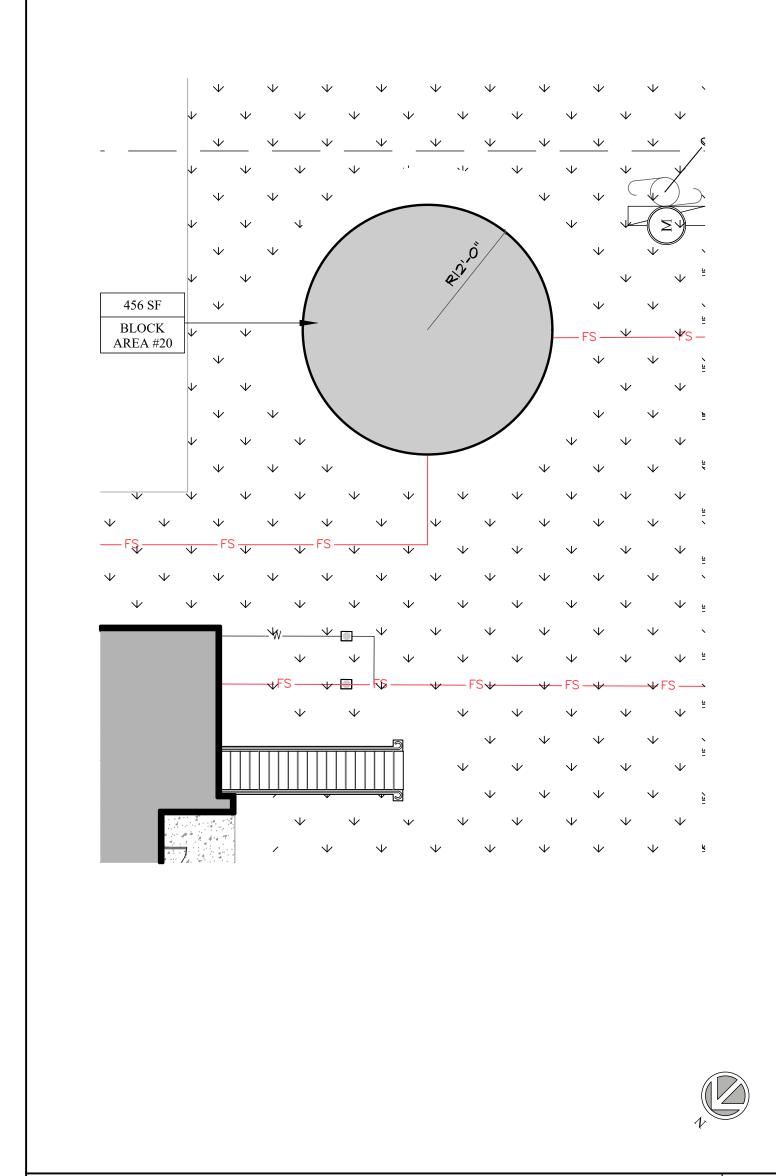
EW SURDE ALM AORG, PN:

DATE SIGNED: 5/9/2024

FLOOR PLAN FIRST FLOOR

CVEAS JOB # : DATE: 5/9/2024 PLANNING SUBMITTAL #: PLAN CHECK SUBMITTAL #: XX-XXXX DRAWN BY: CHECKED BY:





BLOCK #20 - WATER STR TANK PAD

	BI	LOCK A	AREA	LEGEI	ND (1	ST FLC	OR)	
AREA		QNTY		D	IMENSIO (FEET)		SF PER AREA	
BLOCK AREA	I	16	×	[1	×	l'	16	
BLOCK AREA	2	2	×	6'	×	6'	8	
BLOCK AREA	3	I	×	8'-6"	×	6'	51	
BLOCK AREA	4	I	×	20'-6"	×	2'	41	
BLOCK AREA	5	I	×	20'	×	10'	157	
BLOCK AREA	6	I	×	20'	×	1'-6"	30	
BLOCK AREA	7	I	×	17'	×	2'	34	
BLOCK AREA	8	N/A	N/A	N/A	N/A	N/A	N/A	
BLOCK AREA	9	I	×	14'	×	18'	252	
BLOCK AREA	10	I	×	16'	×	28'	448	
BLOCK AREA	II	I	×	19'-6"	×	62'	1209	
BLOCK AREA	12	1	×	30'	×	62'-6"	1875	
BLOCK AREA	13	1	×	16'	×	63'-6"	1016	
BLOCK AREA	14	1	×	7'-6"	×	50'	375	
BLOCK AREA	15	1	×	21'	×	50'	1050	
BLOCK AREA	16	1	×	14'	×	15'	210	
BLOCK AREA	17	2	×	5'	×	18'	180	
BLOCK AREA	18	2	×	1'	×	6'-4"	18	
BLOCK AREA	19	1	×	16'	×	1'-6"	24	
TOTAL FLOOR A	REA-GI	ROUND LE	YEL	-	•		7,010	
BLOCK AREA	20	ı	×	I2' RAD.	×	PI*R(SQ)	456	
					T	L TAL:	7,468	

NEW SINGLE FAMILY

CLASSICATION

BLOCK AREA PLAN

CLASSICATION

CLASSICA

DENCE

ENGINEERING & SURVEYING, IN

2511 LOGAN STREET Tel. (559) 891-8

SELMA, CA 93662 Fax (559) 891-8

WWW.CVEAS.COM Email: info@cveas.c

BLOCK AREA PLAN - 1ST FLOOR

SCALE: 3/16" = 1'-0"

A3.0

CVEAS JOB # :

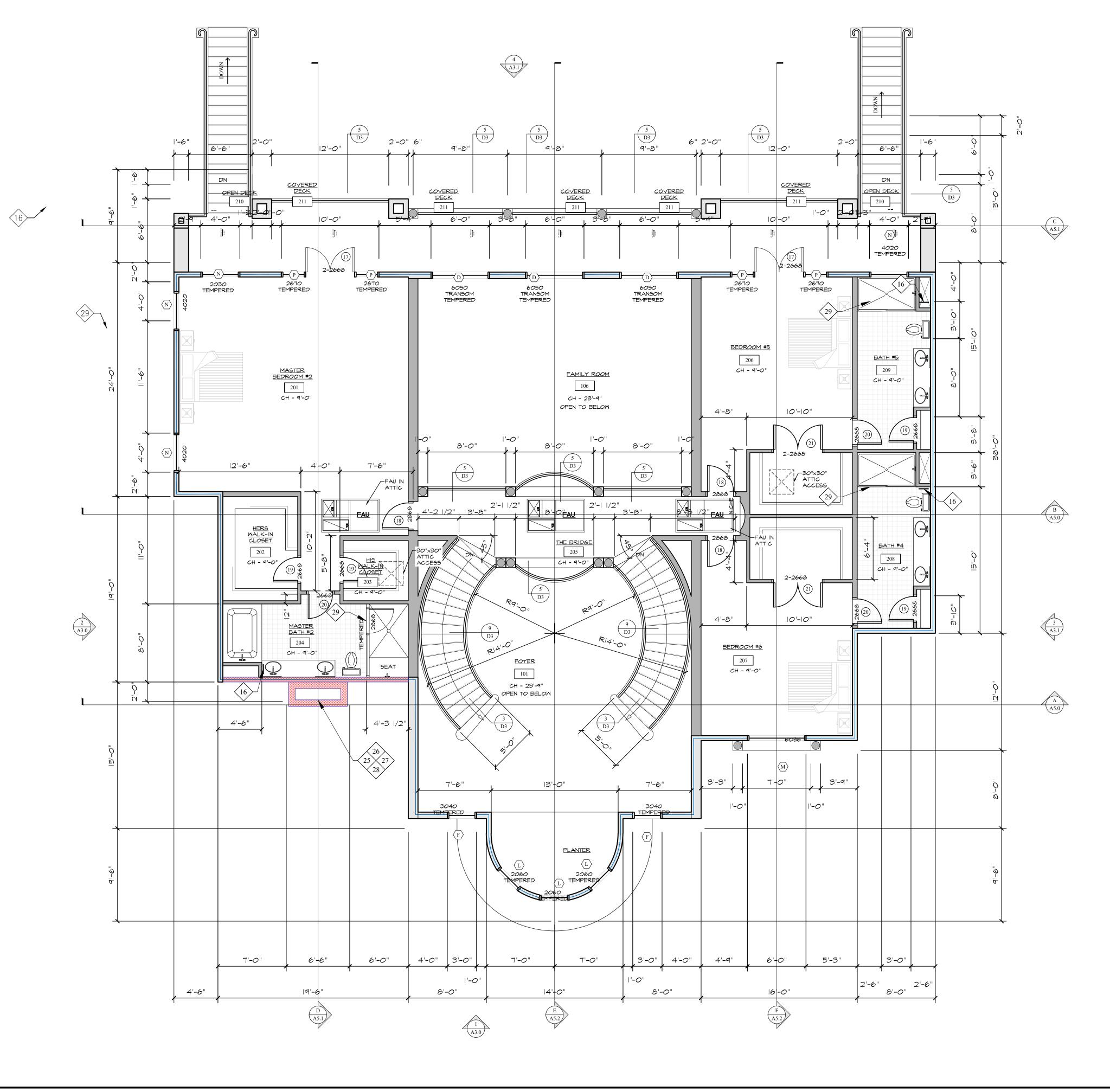
DRAWN BY:

CHECKED BY:

PLANNING SUBMITTAL #:

PLAN CHECK SUBMITTAL #:

DATE:



# FLOOR PLAN - SECOND FLOOR

INSULATION LEGEND		
DESCRIPTION	TYPE	
WALL INSULATION	R-19	
ROOF INSULATION	R-38	

SITE DATA				
ARCEL #1 (390-051-07):				
USTOM SINGLE FAMILY RESIDENCE (BOTH FLOORS):	7,480.3 SF			
IST FLOOR:	5,149.0 SF			
2ND FLOOR:	2,331.3 SF			
-CAR GARAGE:	1,155.2 SF			
OVERED PORCH:	187.1 SF			
OVERED PATIO:	681.8 SF			
OVERED DECK:	559.0 SF			
TAIR CASES:	313.2 SF			
PEN DECK:	128.0 SF			
TOTAL CUSTOM SFR GROUND COVER:	7,486.3 SF			
COYOTE VALLEY CLIMATE RESILIENCE COMBING DISTRICT (CVCRCD) TOTAL LOT COVERAGE REQUIREMENT:	7,500.0 SF			

#### **GENERAL NOTES**

- > INSTALL 12-INCH HIGH ADDRESS POSTING FROM THE STREET. THE SIGN SHALL BE TACTILE WITH SUITE NUMBERS IN RAISED NUMBERS AND BRAILLE AT THE MAIN
- THERE SHALL BE NO VERTICAL OFFSET GREATER THAN 1/2 INCH ALONG THE ENTIRE PATH OF TRAVEL FROM THE PUBLIC WAY.
- > FINGER JOINTED STUDS IN STRUCTURAL WALLS (BEARING OR SHEAR) SHALL BE
- $\langle 4 \rangle$  Provide the following for floors and walls in water closet

APPROVED AND ARE NOT ALLOWED IN HOLDOWN LOCATIONS.

- COMPARTMENTS AND SHOWERS:
  - A. FLOORS: TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD ABSORBENT SURFACE SUCH AS PORTLAND CEMENT, CONCRETE, CERAMIC TILE OR OTHER APPROVED MATERIAL THAT EXTENDS UPWARD ONTO THE WALLS AT LEAST 5
  - B. WALLS: WALLS WITHIN 2 FEET OF THE FRONT AND SIDES OF URINALS AND WATER CLOSETS SHALL HAVE SMOOTH, HARD ABSORBENT SURFACE OF PORTLAND CEMENT, CONCRETE, CERAMIC TILE OR OTHER SMOOTH, HARD NON-ASBORBENT SURFACE TO A HEIGHT OF 4 FEET. THE MATERIALS USED IN SUCH WALLS SHALL BE OF A TYPE THAT IS NOT ADVERSELY AFFECTED BY
  - C. ACCESSORIES PROVIDED ON OR WITHIN RESTROOM WALLS SHALL BE INSTALLED AND SEALED TO PROTECT THE STRUCTURAL ELEMENTS FROM MOISTURE.
- FASTENERS IN PRESERVATIVE-TREATED WOOD SHALL BE APPROVED SILICON BRONZE OR COPPER, STAINLESS STEEL OR HOT-DIPPED ZINC-COATED GALVANIZED STEEL.
- ALL FINISHED MATERIALS (ADHESIVE, SEALANTS, CAULKS, PAINTS, CARPETS, RESILIENT FLOORING, COMPOSITE WOOD PRODUCTS) SHALL COMPLY WITH CAL-GREEN 5.504.4
- THIS PROJECT HAS BEEN DESIGNATED WITH A UNIFORM LOAD OF 1.5 POUNDS PER SQUARE-FOOT TO SUPPORT THE ADDED LOADS OF A FIRE-SPRINKLER SYSTEM. THE MAIN FRAMING MEMBERS HAVE BEEN DESIGNED TO SUPPORT THE CONCENTRATED LOADS OF A SPRINKLER SYSTEM.
- (8) PROVIDE FIRE BLOCKING AT ALL FLOOR AND CEILING LEVELS AND AT TEN-FOOT INTERVALS.
- (9) THE ATTIC ACCESS SHALL BE WEATHER STRIPPED \$ INSULATED TO R-38, ON THE ACCESS PANEL.
- 10> CEILING HEIGHT SHALL BE 8'-0" MIN. UNLESS NOTED OTHERWISE.
- 1/2" SHEET ROCK @ ALL WALLS, CEILINGS, AND GARAGE. FOR NAILING, REFER TO NAILING SCHEDULE ON SHEET -----).
- ALL WEATHER STRIPPING, CAULKING, AND SEALING OF EXTERIOR DOOR(S), WINDOW(S), AND BUILDING ENVELOPE OPENINGS, AS REQUIRED BY STANDARDS. SHALL BE SUBJECT FIELD INSPECTION.
- 3> OPEN-ABLE WINDOW AREA SHALL BE GREATER THAN OR EQUAL TO ONE-SIXTEENTH (1/16) OF THE FLOOR AREA. (CBC 1203.3).
- 14> POWER DRIVEN FASTENERS RAMJET PINS NO. 3330 @ BEARING WALLS 18" O.C. \$ NON-BEARING WALLS.
- 15 ALL WINDOW/DOOR FLASHING REFER TO FLASHING DETAIL #9 ON SHEET DI.
- PROVIDE A 12"X12" MIN. OPENING FOR TUB EQUIPMENT ACCESS PANEL.
- SHOWERS MUST HAVE THE FOLLOWING: A MIN. INSIDE CLEAR DIMENSION OF 30 INCHES WITHIN A MINIMUM TOTAL AREA OF 1,024 SQ. IN.
- MUST HAVE WATERPROOF WALL FINISH UP @ 70 INCHES ABOVE THE SHOWER
- SHOWER CURTAINS OR ENCLOSURES ARE REQUIRED. SHOWER DOORS MUST BE AT LEAST 22 INCHES WIDE.
- PROVIDE A PEDESTRIAN EXIT FROM THE GARAGE OF THE SIZE TO PERMIT THE INSTALLATION OF A 36"x80" DOOR AND THE HARDWARE MAY NOT BE LOCKABLE.
- PROVIDE 5/8" TYPE "X" GYPSUM BOARD ON GARAGE SIDE OF FIREWALL BETWEEN THE GARAGE AND THE DWELLING UNIT AND ITS ATTIC FROM FLOOR TO ROOF SHEATHING. PROVIDE 5/8" TYPE "X" GYPSUM BOARD ON GARAGE SIDE OF THE CEILING/FLOOR SYSTEM WHEN THERE IS HABITABLE AREA ABOVE GARAGE. THE FIRE BARRIER MAY TERMINATE AT THE CEILING WHERE FIRE BARRIER IS HORIZONTAL AND ALL STRUCTURAL MEMBERS THAT SUPPORT FIRE BARRIER ARE PROTECTED BY FIRE RESISTANT CONSTRUCTION NOT LESS THAN 5/8" GYPSUM BOARD OR EQUIVALENT.
- $\langle 20 
  angle$  all drop-in tubs shall be jetted or soaking tub only.
- UPPER CABINETS SHALL BE A MINIMUM OF 18 INCHES ABOVE FINISHED DECK OR THE HOOD IS TO BE INSTALLED PER MANUFACTURER'S REQUIREMENTS WITH CLEARANCES AS REQUIRED BY THE RANGE/COOKTOP MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- (22) ALL RADIUS WALL(S) MUST BE 3/4" PLYWOOD SINGLE AT BOTTOM AND DOUBLE
- $\langle 23 \rangle$  ALL GLASS IN DOORS MUST BE LABELED SAFETY GLASS OR TEMPERED GLASS.
- ALL TUB/SHOWER ENCLOSURE AND GLAZING WITHIN 60 INCHES FROM BOTTOM OF TUB/SHOWER MUST BE LABELED SAFETY GLASS OR TEMPERED GLASS.
- $\langle 25 \rangle$  GAS APPLIANCE INSERT WITH STANDING PILOT SHALL COMPLY WITH TABLE 4-2 *O*F THE 2023 CEC.

PROVIDE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT JOB SITE FOR

INSPECTION FOR THE FIREPLACE/WOODSTOVE. 27> PROPANE LOG LIGHTERS ARE NOT ALLOWED.

_____

- MOOD-BURNING, OPEN-HEARTH FIREPLACES (WHICH INCLUDES ALL SOLID-FUEL, WOOD-BURNING FIREPLACES, FIRE-PITS, AND BARBEQUES) ARE NOT ALLOWED IF
- (29) SHOWER DOORS MUST BE AT LEAST 32 INCHES IN WIDTH.

PROPERTY IS BELOW 3000 FEET IN ELEVATION.

#### WALL LEGEND

NEW EXTERIOR WALL -2x6 DF#2 WOOD STUD WALL @ 16" O.C. EXTERIOR SIDE - 3-LAYERED STUCCO FINISH 7/8" MIN. THICKNESS OVER 17 GA. X 1-1/2" HEXAGONAL PAPER-BACKED WIRE LATH OVER 2-LAYERS OF TYPE "D" PAPER UNDER-LAYMENT OVER PLYWOOD. INTERIOR SIDE = 1/2" GYPSUM BD. INSULATION - R-19

REFER TO T24 FOR ADDTN'L INFO.

NEW I HOUR FIRE-RATED WALL -

2x6 DF#2 MOOD STUD WALL @ 16" O.C. EACH SIDE - 5/8" GYPSUM TYPE "X" CEILING - 1/2" GYPSUM BD. INSULATION - R-19 REFER TO T24 FOR ADDTN'L INFO.

NEW DOUBLE EXTERIOR WALL -_____ 2x6 DF#2 MOOD STUD WALL @ 16" O.C. EXTERIOR SIDE - 3-LAYERED STUCCO FINISH 7/8" MIN. THICKNESS OVER 17 GA. X 1-1/2" HEXAGONAL PAPER-BACKED WIRE LATH OVER 2-LAYERS OF TYPE "D" PAPER UNDER-LAYMENT OVER PLYWOOD. INTERIOR SIDE = 1/2" GYPSUM BD. INSULATION - R-19

> NEW INTERIOR WALL -2×4 DF#2 MOOD STUD WALL @ 16" O.C. EACH SIDE - 1/2" GYPSUM BD.

REFER TO T24 FOR ADDTN'L INFO.

NEW INTERIOR WALL -2x6 DF#2 MOOD STUD WALL @ 16" O.C. EACH SIDE - 1/2" GYPSUM BD.

> NEW DOUBLE INTERIOR WALL -2×6 DF#2 MOOD STUD WALL @ 16" O.C. EACH SIDE - 1/2" GYPSUM BD.

NEW I HOUR FIRE-RATED GARAGE WALL -2x6 DF#2 WOOD STUD WALL @ 16" O.C. GARAGE SIDE - 5/8" GYPSUM TYPE "X" DWELLING SIDE - 5/8" GYPSUM BD. CEILING - 5/8" GYPSUM TYPE "X" ON CEILING IF HABITABLE SPACE ABOVE. INSULATION - R-19 REFER TO T24 FOR ADDTN'L INFO.

**CENTRAL VALLEY** 

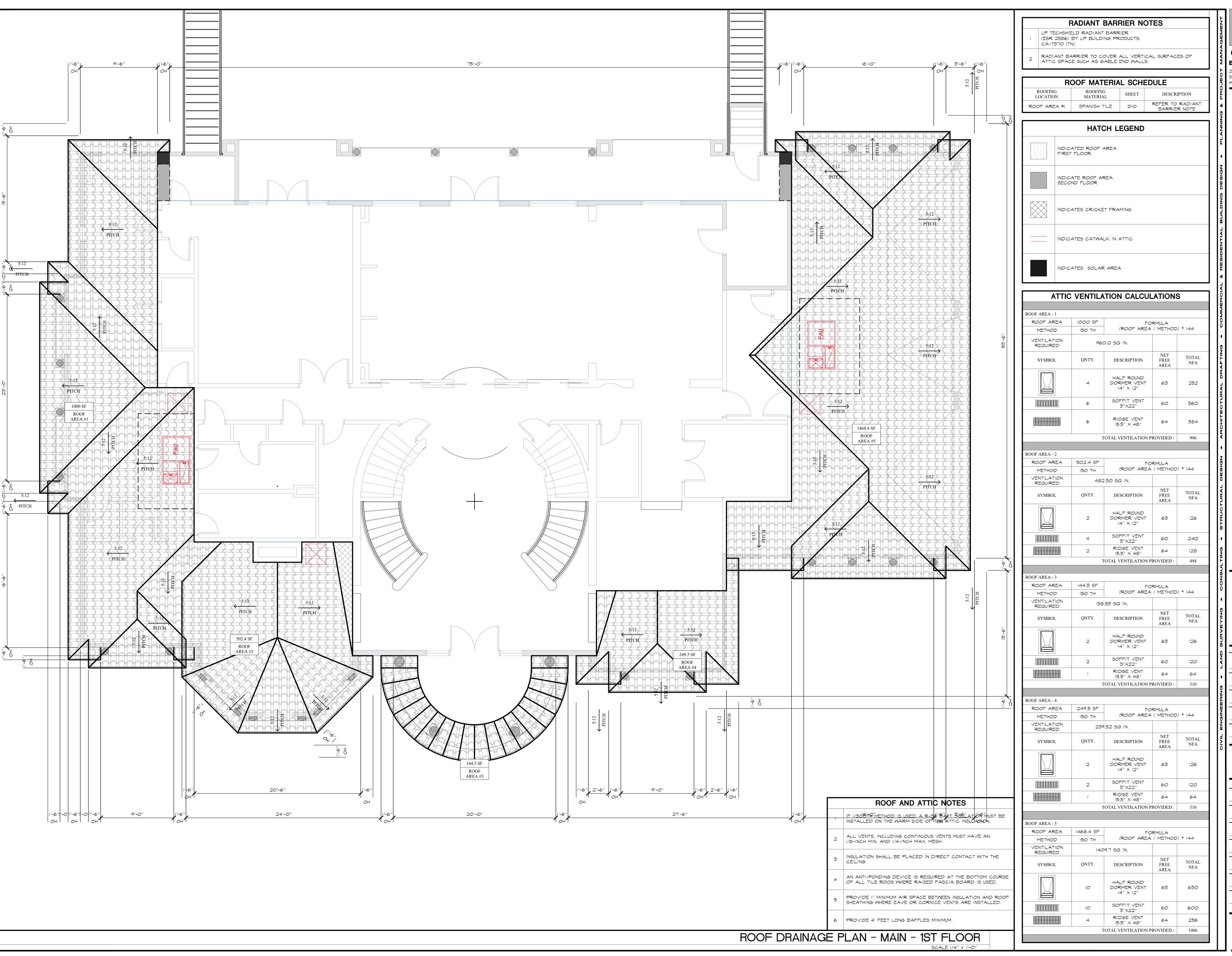
**ENGINEERING & SURVEYING, INC.** 2511 LOGAN STREET Tel. (559) 891-8811 SELMA, CA 93662 Fax (559) 891-8815 MWW.CVEAS.COM Email: info@cveas.com

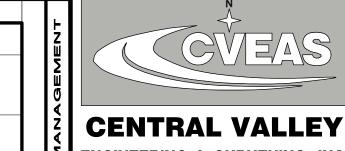
VEW SURDE PALM AORGANIE

DATE SIGNED: 4/24/2024

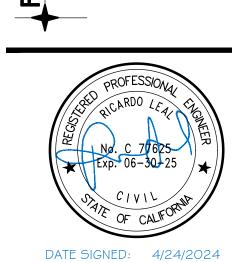
FLOOR PLAN SECOND FLOOR

CVEAS JOB # : DATE: 4/24/2024 PLANNING SUBMITTAL #: PLAN CHECK SUBMITTAL #: XX-XXXX DRAWN BY: CHECKED BY:

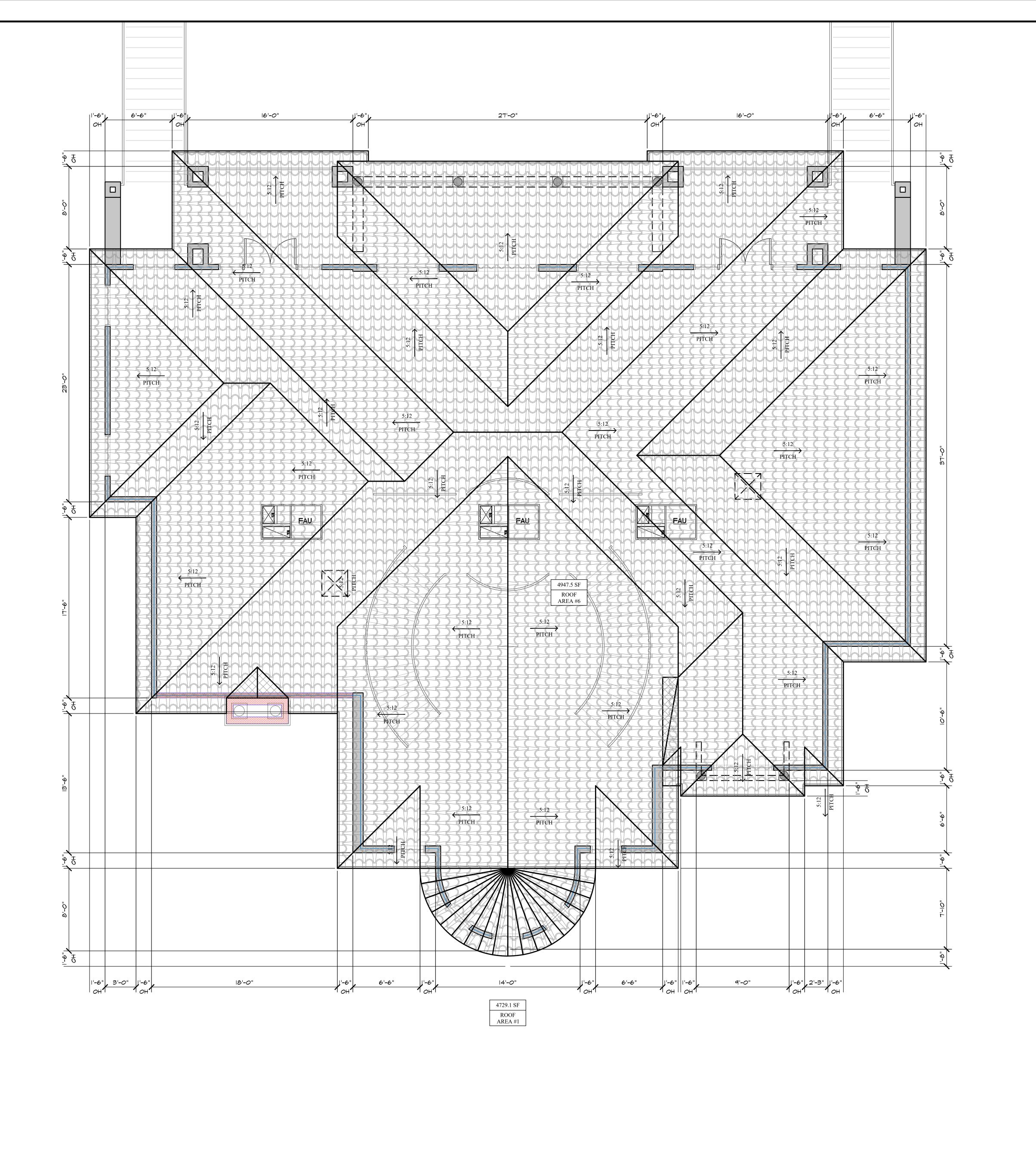


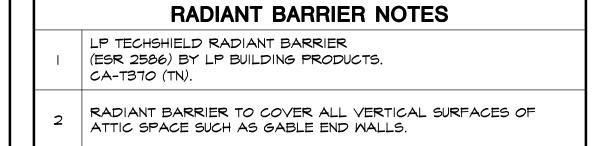


ENGINEERING & SURVEYING, INC. 25|| LOGAN STREET Tel. (559) 89|-88|| SELMA, CA 93662 Fax (559) 891-8815 WWW.CVEAS.COM Email: info@cveas.com

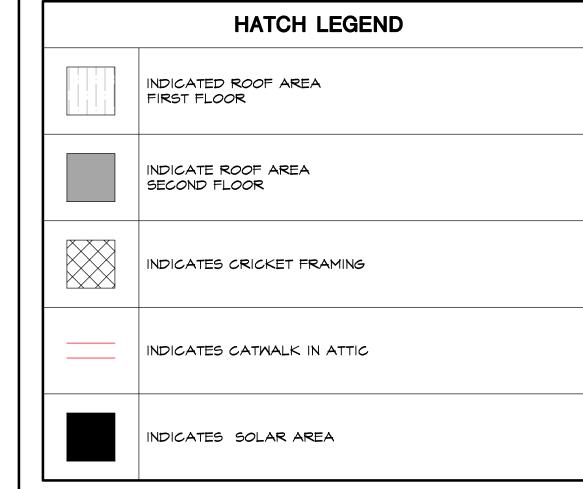


CVEAS JOB #: DATE: 4/24/2024 PLANNING SUBMITTAL #: PLAN CHECK SUBMITTAL #: CHECKED BY:





ROOF MATERIAL SCHEDULE				
ROOFING LOCATION	ROOFING MATERIAL	SHEET	DESCRIPTION	
ROOF AREA #I	SPANISH TILE	DIO	REFER TO RADIANT BARRIER NOTE	



I	IF 1/300TH METHOD IS USED, A R-38 BATT INSULATION MUST BE INSTALLED ON THE WARM SIDE OF THE ATTIC INSULATION
2	ALL VENTS, INCLUDING CONTINUOUS VENTS MUST HAVE AN 1/8-INCH MIN. AND 1/4-INCH MAX. MESH.
3	INSULATION SHALL BE PLACED IN DIRECT CONTACT WITH THE CEILING
4	AN ANTI-PONDING DEVICE IS REQUIRED AT THE BOTTOM COURSE OF ALL TILE ROOS WHERE RAISED FASCIA BOARD IS USED.
5	PROVIDE I" MINIMUM AIR SPACE BETWEEN INSULATION AND ROOF SHEATHING WHERE EAVE OR CORNICE VENTS ARE INSTALLED.
6	PROVIDE 4' FEET LONG BAFFLES MINIMUM.

**ROOF AND ATTIC NOTES** 

ATTIC VENTILATION CALCULATIONS						
ROOF AREA - 6						
ROOF AREA	4729 SF	FO	RMULA			
METHOD	300 TH	(ROOF AREA / METHOD) * 144				
VENTILATION REQUIRED	226	9.97 SQ IN.				
SYMBOL	QNTY.	DESCRIPTION	NET FREE AREA	TOTAL NFA		
	12	HALF ROUND DORMER VENT 14" X 12"	63	756		
	12	SOFFIT VENT 3"X22"	60	720		
	1.4	RIDGE VENT	6.4	2.06		

15.5" × 48"

TOTAL VENTILATION PROVIDED: 2372

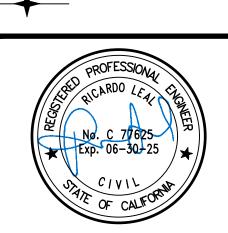
**CENTRAL VALLEY** 

ENGINEERING & SURVEYING, INC.

SELMA, CA 93662 Fax (559) 891-8815

WWW.CVEAS.COM Email: info@cveas.com

NEW SINGLE FAMILY RESIDENC GURDEEP DHADWAL PALM AVE AND DOUGHERTY AV MORGAN HILLS, CA 95037



Revisions:	Date:	
		$\leq$

ROOF DRAINAGE PLAN SECOND FLOOR

CVEAS JOB # :	
DATE:	2/26/2024
PLANNING SUBMITT	AL #: XX-XXXX
PLAN CHECK SUBN	MITTAL #: XX-XXXX
DRAWN BY:	
CHECKED BY:	

A4.1

#### COUNTY OF SANTA CLARA General Construction **Specifications**

#### GENERAL CONDITIONS

ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY EARTH SYSTEMS PACIFIC AND DATED APRIL 7, 2015. THIS REPORT IS SUPPLEMENTED BY: 1) THESE PLANS AND SPECIFICATIONS, 2) THE COUNTY OF SANTA CLARA STANDARD DETAILS. 3) THE COUNTY OF SANTA CLARA STANDARD SPECS, 4) STATE OF CALIFORNIA STANDARD DETAILS. 5) STATE OF CALIFORNIA STANDARD SPECIFICATIONS. IN THE EVENT OF CONFLICT THE FORMER SHALL TAKE PRECEDENCE OVER THE LATTER. THE PERFORMANCE AND COMPLETION OF ALL WORK MUST BE TO THE SATISFACTION OF THE COUNTY. DEVELOPER IS RESPONSIBLE FOR INSTALLATION OF THE IMPROVEMENTS SHOWN ON THESE PLANS AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE

RESPONSIBLE FOR THEIR CONTINUED MAINTENANCE. DEVELOPER SHALL BE RESPONSIBLE FOR CORRECTION OF ANY ERRORS OR OMISSIONS IN THESE PLANS. THE COUNTY SHALL BE AUTHORIZED TO REQUIRE DISCONTINUANCE OF ANY WORK AND SUCH CORRECTION AND MODIFICATION OF PLANS AS MAY BE NECESSARY TO COMPLY WITH COUNTY STANDARDS OR CONDITIONS OF DEVELOPMENT APPROVAL

DEVELOPER SHALL OBTAIN ENCROACHMENT PERMITS FROM THE SANTA CLARA VALLEY WATER DISTRICT AND CALIFORNIA DEPARTMENT OF TRANSPORTATION WHERE NEEDED. COPIES OF THESE PERMITS SHALL BE KEPT AT THE JOB SITE FOR REVIEW BY THE COUNTY'S INSPECTOR

DEVELOPER SHALL REMOVE OR TRIM ALL TREES TO PROVIDE AN UNOBSTRUCTED FIFTEEN (15) FOOT VERTICAL CLEARANCE FOR ROADWAY AREA. THIS PLAN AUTHORIZES THE REMOVAL OF ONLY THOSE TREES WITH TRUNK DIAMETERS GREATER THAN 12 INCHES MEASURED 4.5 FEET ABOVE THE GROUND THAT ARE SHOWN TO BE REMOVED UNLESS AN AMENDED PLAN IS APPROVED OR A SEPARATE TREE REMOVAL PERMIT IS OBTAINED FROM THE PLANNING OFFICE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT REMOVAL OF ADDITIONAL TREES HAS BEEN PERMITTED. DEVELOPER SHALL PROVIDE ADEQUATE DUST CONTROL AS REQUIRED BY THE

COUNTY INSPECTOR. ALL PERSONS MUST COMPLY WITH SECTION 4442 OF THE PUBLIC RESOURCES CODE AND SECTION 13005 OF THE HEALTH AND SAFETY CODE RELATING TO THE USE OF SPARK ARRESTERS. UPON DISCOVERING OR UNEARTHING ANY BURIAL SITE AS EVIDENCED BY HUMAN SKELETAL REMAINS OR ARTIFACTS, THE PERSON MAKING SUCH DISCOVERY SHALL IMMEDIATELY NOTIFY THE COUNTY CORONER AT (4008) 454-2520 AND LAND DEVELOPMENT ENGINEERING OFFICE AT (408) 299-5730.

NO FURTHER DISTURBANCE OF THE SITE MAY BE MADE EXCEPT AS

OF THIS ORDINANCE (COUNTY ORDINANCE CODE SECTION B6-18). THESE PLANS ARE FOR THE WORK DESCRIBED IN THE SCOPE OF WORK ONLY. A SEPARATE PERMIT WILL BE REQUIRED FOR THE SEPTIC LINE CONSTRUCTION. ANY DEVIATION FROM THESE APPROVED PLANS SHALL BE RE-APPROVED IN WRITING BY THE COUNTY ENGINEER PRIOR TO CONSTRUCTION.

AUTHORIZED BY THE LAND DEVELOPMENT OFFICE IN ACCORD WITH PROVISIONS

#### CONSTRUCTION STAKING

THE DEVELOPER'S ENGINEER IS RESPONSIBLE FOR THE INITIAL PLACEMENT AND REPLACEMENT OF CONSTRUCTION GRADE STAKES. THE STAKES ARE TO BE ADEQUATELY IDENTIFIED, LOCATED, STABILIZED, ETC. FOR THE CONVENIENCE OF CONTRACTORS. LATERAL OFFSET OF STAKES SET FOR CURBS AND GUTTERS SHALL NOT EXCEED 2 1/2 FEET FROM BACK OF CURB.

ANY PROPERTY LINE STAKES OR ROAD MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY DEVELOPER'S ENGINEER AND LICENSED LAND SURVEYOR PROPERTY LINE STAKING MUST BE PERFORMED BY THE PROJECT ENGINEER OR

LAND SURVEYOR TO ESTABLISH OR RE-ESTABLISH THE PROJECT BOUNDARY AND SHALL BE INSPECTED BY THE COUNTY INSPECTOR PRIOR TO THE BEGINNING OF THE WORK PROPER CONSTRUCTION STAKES SHALL BE SET IN THE FIELD BY THE PROJECT ENGINEER OR LAND SURVEYOR AND VERIFIED BY THE COUNTY INSPECTOR

#### CONSTRUCTION INSPECTION

AS FOLLOWS

PRIOR TO THE COMMENCEMENT OF GRADING.

CONTRACTOR SHALL NOTIFY PERMIT INSPECTION UNIT, SANTA CLARA COUNTY PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE. THE COUNTY REQUIRES A MINIMUM OF 24 HOURS ADVANCE NOTICE FOR GENERAL INSPECTION,48 HOURS FOR ASPHALT CONCRETE INSPECTION INSPECTION BY SANTA CLARA COUNTY SHALL BE LIMITED TO INSPECTION OF MATERIALS AND PROCESSES OF CONSTRUCTION TO OBSERVE THEIR COMPLIANCE WITH PLANS & SPECIFICATIONS BUT DOES NOT INCLUDE RESPONSIBILITY FOR THE SUPERINTENDENT OF CONSTRUCTION, SITE

CONDITIONS, EQUIPMENT OR PERSONNEL, CONTRACTOR SHALL NOTIFY THE COUNTY LAND DEVELOPMENT INSPECTOR AT PHONE (408) 299-6868 AT LEAST 24 HOURS PRIOR TO COMMENCING WORK AND FOR FINAL INSPECTION OF WORK AND SITE. DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE MUST SUBMIT WRITTEN

REQUEST FOR FINAL INSPECTION AND ACCEPTANCE. SAID REQUEST SHALL BE DIRECTED TO THE INSPECTION OFFICE NOTED ON THE PERMIT FORM. IHE CONTRACTOR SHALL PROVIDE TO THE COUNTY CONSTRUCTION INSPECTOR WITH PAD ELEVATION AND LOCATION CERTIFICATES, PREPARED BY THE PROJECT ENGINEER OR LAND SURVEYOR, PRIOR TO COMMENCEMENT OF THE BUILDING FOUNDATION.

#### SITE PREPARATION (CLEARING AND GRUBBING) EXISTING TREES AUTHORIZED FOR REMOVAL, ROOTS, AND FOREIGN MATERIAL IN AREAS TO BE IMPROVED WILL BE REMOVED TO AN AUTHORIZED DISPOSAL SITE

A) TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF 1. PROPOSED ROADWAYS (EITHER PRIVATE OR TO BE DEDICATED TO PUBLIC USE) B) FROM AREAS AFFECTED BY THE PROPOSED GRADING EXCEPT WHERE

NOTED ON THE PLANS. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO MOVE OR RELOCATE UTILITY POLES AND OTHER OBSTRUCTIONS IN THE WAY OF CONSTRUCTION.

#### JTILITY LOCATION. TRENCHING & BACKFILI

CONTRACTOR SHALL NOTIFY USA (UNDERGROUND SERVICE ALERT) AT 1-800-277-2600 A MINIMUM OF 24 HOURS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION OF UNDERGROUND ACCURATE VERIFICATION AS TO SIZE, LOCATION, AND DEPTH OF EXISTING

UNDERGROUND CONDUITS OR FACILITIES SHALL BE THE INDIVIDUAL CONTRACTORS RESPONSIBILITY. PLAN LOCATIONS ARE APPROXIMATE AND FOR 5. GENERAL INFORMATION ONLY. ALL UNDERGROUND INSTALLATIONS SHALL BE IN PLACE AND THE TRENCH BACKFILLED AND COMPACTED BEFORE PLACING AGGREGATE BASE MATERIAL OR

SURFACE STRUCTURES. SURFACING MAY BE DONE IF THE UTILITY COMPANY CONCERNED INDICATES BY LETTER THAT IT WILL BORE. UNLESS SPECIFICALLY AUTHORIZED BY THE COUNTY, GAS AND WATER MAINS SHALL BE INSTALLED OUTSIDE THE PAVED AREAS.

TRENCH BACKFILL IN EXISTING PAVEMENT AREAS SHALL BE SAND MATERIAL IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF THE STATE SPECIFICATIONS. THE STRUCTURAL SECTION FOR TRENCH REPLACEMENT SHALL CONSIST OF NOT LESS THAN 12 INCHES OF APPROVED AGGREGATE BASE MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 95% AND 4 INCHES OF HOT ASPHALT CONCRETE PLACED IN TWO LIFTS. TRENCH RESTORATION FOR HIGHER TYPE PAVEMENTS SHALL BE MADE IN KIND OR AS DIRECTED BY THE COUNTY.

TRENCH BACKFILL IN NEW CONSTRUCTION AREAS SHALL BE SAND MATERIAL COMPACTED TO A RELATIVE COMPACTION OF AT LEAST 90%. THE REQUIREMENT FOR SELECT MATERIAL MAY BE WAIVED BY COUNTY IF THE NATIVE SOIL IS SUITABLE FOR USE AS TRENCH BACKFILL BUT THE COMPACTION REQUIREMENTS WILL NOT BE THEREBY WAIVED.

BACKFILL AND TRENCH RESTORATION REQUIREMENTS SHALL APPLY AS MINIMUM STANDARDS TO ALL UNDERGROUND FACILITIES INSTALLED BY OTHER FIRMS OR PUBLIC AGENCIES.

#### ETAINING WALLS

REINFORCED CONCRETE AND CONCRETE MASONRY UNIT RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING CONTINUAL CONTROL OF THE COUNTY INSPECTOR. INSPECTOR AND ENGINEER OF RECORD PRIOR TO POURING THE FOUNDATION AND

SEGMENTAL BLOCK RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR.

#### GRADING

1. EXCAVATED MATERIAL SHALL BE PLACED IN THE FILL AREAS DESIGNATED OR SHALL BE HAULED AWAY FROM THE SITE TO A COUNTY APPROVED DISPOSAL SITE. WHERE FILL MATERIAL IS TO BE PLACED ON NATURAL GROUND, IS SHALL BE STRIPPED OF ALL VEGETATION. TO ACHIEVE A PROPER BOND WITH THE FILL MATERIAL, THE SURFACE OF THE GROUND SHALL BE SCARIFIED TO DEPTH OF 6" BEFORE FILL IS PLACED. WHERE NATURAL GROUND IS STEEPER THAN 5:1, IT SHALL BE BENCHED AND THE FILL KEYED IN TO ACHIEVE STABILITY. WHERE NEW FILL IS TO BE PLACED ON EXISTING FILL THE EXISTING FILL SHALL BE REMOVED UNTIL MATERIAL COMPACTED TO 90% RELATIVE COMPACTION IS EXPOSED. THEN THE NEW FILL MATERIAL SHALL BE PLACED AS PER THESE CONSTRUCTION NOTES. FILL MATERIAL SHALL BE PLACED IN UNIFORM LIFTS NOT EXCEEDING 6" IN UNCOMPACTED THICKNESS. BEFORE COMPACTION BEGINS, THE FILL SHALL BE BROUGHT TO A WATER CONTENT THAT WILL PERMIT PROPER COMPACTION BY EITHER 1) AERATING THE FILL IF IT IS TOO WET OR 2) MOISTENING THE FILL WITH WATER IF IT IS TOO DRY. EACH LIFT SHALL BE THOROUGHLY MIXED BEFORE COMPACTION TO ENSURE A UNIFORM DISTRIBUTION OF MOISTURE EXCESS CUT MATERIAL SHALL NOT BE SPREAD OR STOCKPILED ON THE SITE. SURPLUS EARTH FILL MATERIAL SHALL BE PLACED IN A SINGLE (8" MAX)

THICK LAYER COMPACTED TO WITHSTAND WEATHERING IN THE AREA(S) DELINEATED ON THE PLAN.

4. NO ORGANIC MATERIAL SHALL BE PLACED IN ANY FILL. NO TREES SHALL BE REMOVED OUTSIDE OF CUT, FILL OR ROADWAY AREAS. THE UPPER 6" OF SUBGRADE BELOW DRIVEWAY ACCESS ROAD OR PARKING AREA SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
MAXIMUM CUT SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL. MAXIMUM FILL

 SHALL BE 2 HORIZO			J I VERTICAL.	MAXIMUM
LOCATION	CUT (C.Y.)	FILL (C.Y.)	VERT. DEPTH	
RESIDENCE	0	515	2 2'	

5

30

0.75

726 0.5'-3.0'

NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE. EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED DUMP 7. NOTIFY SOILS ENGINEER TWO (2) DAYS PRIOR TO COMMENCEMENT OF ANY GRADING WORK TO COORDINATE THE WORK IN THE FIELD. 8. ALL MATERIALS FOR FILL SHOULD BE APPROVED BY THE SOILS ENGINEER BEFORE IT IS BROUGHT TO THE SITE. 9. THE UPPER 6" OF THE SUBGRADE SOIL SHALL BE SCARIFIED, MOISTURE CONDITIONED AND COMPACTED TO A MINIMUM RELATIVE COMPACTION OF 95% 10. ALL AGGREGATE BASE MATERIAL SHALL BE COMPACTED TO A MINIMUM 95%

RELATIVE COMPACTION. 11. THE GEOTECHNICAL PLAN REVIEW LETTER MUST BE REVIEWED AND APPROVED BY THE COUNTY GEOLOGIST PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER FOR BUILDING OCCUPANCY. 12. THE PROJECT GEOTECHNICAL ENGINEER SHALL PERFORM COMPACTION TESTING

AND PRESENT THE RESULTS TO THE COUNTY ENGINEERING INSPECTOR PRIOR TO THE CONSTRUCTION OF ANY PAVED AREA. 13. GRADING WORK BETWEEN OCTOBER 15TH AND APRIL 15TH IS AT THE DISCRETION OF THE SANTA CLARA COUNTY GRADING OFFICIAL. 14. TOTAL DISTURBED AREA FOR THE PROJECT 32,254 SF.

15. WDID NO.(N/A). 16. THE INSPECTOR MAY VERIFY THAT A VALID NOTICE OF INTENT (NOI) HAS BEEN ISSUED BY THE STATE AND THAT A CURRENT AND UP TO DATE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS AVAILABLE ON SITE.

#### TREE PROTECTION

<u>IMPROVEMENTS</u>

1. FOR ALL TREES TO BE RETAINED WITH A CANOPY IN THE DEVELOPMENT AREA OR INTERFACES WITH THE LIMITS OF GRADING FOR ALL PROPOSED DEVELOPMENT ON SITE, THE TREES SHALL BE PROTECTED BY THE PLACEMENT OF RIGID TREE PROTECTIVE FENCING CONSISTENT WITH THE COUNTY INTEGRATED LANDSCAPE GUIDELINES, AND INCLUDE THE FOLLOWING: FENCING SHOULD BE PLACED ALONG THE OUTSIDE EDGE OF THE DRIPLINE

OF THE TREE OR GROVE OF TREES. THE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE CONSTRUCTION PERIOD AND SHALL BE INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION. FENCING SHALL BE REPAIRED, AS NECESSARY, TO PROVIDE A PHYSICAL

BARRIER FROM CONSTRUCTION ACTIVITIES. SIGNAGE STATING, "WARNING- THIS FENCING SHALL NOT BE REMOVED WITHOUT PERMISSION FROM THE SANTA CLARA COUNTY PLANNING OFFICE (408) 299-5770. COUNTY OF SANTA CLARA TREE PROTECTION MEASURES MAY BE FOUND AT

http://www.sccplanning.gov." SHALL BE PLACED ON THE TREE PROTECTIVE FENCING UNTIL FINAL OCCUPANCY. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY. TREE PROTECTIVE FENCING SHALL BE SECURELY IN PLACED AND INSPECTED BY THE LAND DEVELOPMENT ENGINEERING INSPECTOR 3. SEE EXISTING TREE PROTECTION DETAILS FOR MORE INFORMATION.

#### ACCESS ROADS AND DRIVEWAYS

DRIVEWAY LOCATIONS SHALL BE AS SHOWN ON THE IMPROVEMENT PLANS WITH CENTERLINE STATIONING. THE MINIMUM CONCRETE THICKNESS SHALL BE 6 INCHES THROUGHOUT (WITH A MAXIMUM APPROACH SLOPE OF 1 1/4 INCHES PER FOOT).

2. ALL DRIVEWAY OR COMMON ACCESS ROAD SECTIONS IN EXCESS OF 15 LONGITUDINAL SLOPE MUST BE PAVED WITH A MINIMUM 2-INCH ASPHALT LIFT OR FULL DEPTH CONCRETE LIFT PRIOR TO ANY COMBUSTIBLE FRAMING. 3. THE OWNER AND PRIME CONTRACTOR ARE RESPONSIBLE FOR MAINTAINING PROJECT SITE ACCESS AND NEIGHBORHOOD ACCESS FOR EMERGENCY VEHICLES

AND LOCAL RESIDENTS. 4. ROADWAYS DESIGNATED AS NOT COUNTY MAINTAINED ROADS AS SHOWN ON THE PLAN WILL NOT BE ELIGIBLE FOR COUNTY MAINTENANCE UNTIL THE ROADWAYS ARE IMPROVED (AT NO COST TO THE COUNTY) TO THE PUBLIC MAINTENANCE ROAD STANDARDS APPROVED BY THE BOARD OF SUPERVISORS AND IN EFFECT AT SUCH TIME THAT THE ROADWAYS ARE CONSIDERED FOR ACCEPTANCE INTO THE COUNTY'S ROAD SYSTEM.

ALL WORK IN THE COUNTY ROAD RIGHT-OF-WAY REQUIRES AN ENCROACHMENT PERMIT FROM THE ROADS AND AIRPORTS DEPARTMENT. EACH INDIVIDUAL ACTIVITY REQUIRES A SEPARATE PERMIT - I.E. CABLE, ELECTRICAL, GAS. SEWER, WATER, RETAINING WALLS, DRIVEWAY APPROACHES, FENCES, LANDSCAPING, TREE REMOVAL, STORM DRAINAGE IMPROVEMENTS, ETC..

#### STREET LIGHTING

1. PACIFIC GAS & ELECTRIC ELECTROLIER SERVICE FEE SHALL BE PAID BY THE DEVELOPER AND/OR HIS AUTHORIZED REPRESENTATIVE.

#### SANITARY SEWER

1. THE SANITARY SEWER AND WATER UTILITIES SHOWN ON THESE PLANS ARE NOT PART OF THIS GRADING PERMIT AND ARE SHOWN FOR REFERENCE ONLY. ALL MATERIALS AND METHODS OF CONSTRUCTION OF SANITARY SEWERS SHALL THE AS-BUILT PLANS MUST BE FURNISHED TO THE COUNTY ENGINEER CONFORM TO THE SPECIFICATIONS OF THE JURISDICTION INVOLVED. INSPECTION AFTERCONSTRUCTION.

OF SANITARY SEWER WORK SHALL BE DONE BY SAID JURISDICTION.

#### PORTLAND CEMENT CONCRETE

1. CONCRETE USED FOR STRUCTURAL PURPOSES SHALL BE CLASS "A" (6 SACK PER CUBIC YARD) AS SPECIFIED IN THE STATE STANDARD SPECIFICATIONS. CONCRETE PLACED MUST DEVELOP A MINIMUM STRENGTH FACTOR OF 2800 PSI IN A SEVEN-DAY PERIOD. THE CONCRETE MIX DESIGN SHALL BE UNDER THE

#### AIR QUALITY, LANDSCAPING AND FROSION CONTROL

1. WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD. PAVE, APPLY WATER THREE TIMES DAILY, OR APPLY (NON-TOXIC) SOIL STABILIZERS ON ALL UNPAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES. SWEEP DAILY (WITH WATER SWEEPERS) ALL PAVED ACCESS ROADS, PARKING AREAS AND STAGING AREAS AT CONSTRUCTION SITES. THE USE OF DRY

POWDER SWEEPING IS PROHIBITED SWEEP STREETS DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS CARRIED ONTO ADJACENT PUBLIC STREETS. THE USE OF DRY POWDER SWEEPING IS PROHIBITED.

6. ALL CONSTRUCTION VEHICLES, EQUIPMENT AND DELIVERY TRUCKS SHALL HAVE A MAXIMUM IDLING TIME OF 5 MINUTES (AS REQUIRED BY THE CALIFORNIA AIRBORNE TOXIC CONTROL MEASURE TITLE 13, SECTION 2485 OF CALIFORNIA CODE OF REGULATIONS (CCR)). ENGINES SHALL BE SHUT OFF IF CONSTRUCTION REQUIRES LONGER IDLING TIME UNLESS NECESSARY FOR PROPER OPERATION OF THE VEHICLE. ALL VEHICLE SPEEDS ON UNPAVED ROADS SHALL BE LIMITED TO 15 MILES

PER HOUR. ALL CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED AND PROPERLY TUNED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. ALL EQUIPMENT SHALL BE CHECKED BY A CERTIFIED MECHANIC AND DETERMINED TO BE RUNNING IN PROPER CONDITION PRIOR TO OPERATION.

POST A SIGN THAT IS AT LEAST 32 SQUARE FEET MINIMUM 2 INCHES LETTER HEIGHT VISIBLE NEAR THE ENTRANCE OF CONSTRUCTION SITE THAT IDENTIFIES THE FOLLOWING REQUIREMENTS. OBTAIN ENCROACHMENT PERMIT FOR SIGN FROM ROADS DEPARTMENT OR OTHER APPLICABLE AGENCY IF REQUIRED. A. 15 MILES PER HOUR (MPH) SPEED LIMIT 5 MINUTES MAXIMUM IDLING TIME OF VEHICLES

TELEPHONE NUMBER TO CONTACT THE BAY AREA AIR QUALITY

MANAGEMENT DISTRICT REGARDING DUST COMPLAINTS. NOTE PHONE NUMBER OF THE BAY AREA AIR QUALITY MANAGEMENT DISTRICT AIR POLLUTION COMPLAIN HOTLINE OF 1-800-334-6367 10. ALL FILL SLOPES SHALL BE COMPACTED AND LEFT IN A SMOOTH AND FIRM CONDITION CAPABLE OF WITHSTANDING WEATHERING. 11. ALL EXPOSED DISTURBED AREAS SHALL BE SEEDED WITH BROME SEED SPREAD AT THE RATE OF 5 LB. PER 1000 SQUARE FEET (OR APPROVED EQUAL).

SEEDING AND WATERING SHALL BE MAINTAINED AS REQUIRED TO ENSURE

GROWTH 12. ALL DITCHES SHALL BE LINED PER COUNTY STANDARD SD8. 13. ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE & OUTFALL EROSION CONTROLS E.G. SACKED CONCRETE RIP-RAP. ENERGY DISSIPATERS SHALL BE INSTALLED AT ALL DITCH OUTFALLS. WHERE OUTFALLS ARE NOT INTO AN EXISTING CREEK OR WATER COURSE, RUNOFF SHALL BE RELEASED TO SHEET FLOW.

AREAS SHALL BE RESEEDED IN CONFORMANCE WITH THE COUNTY GRADING ORDINANCE TO MINIMIZE THE VISUAL IMPACTS OF THE GRADE SLOPES AND REDUCE THE POTENTIAL FOR EROSION OF THE SUBJECT SITE. 15. PFRMANENT LANDSCAPING SHOWN ON THE ATTACHED LANDSCAPE PLAN MUST BE INSTALLED AND FIELD APPROVED BY THE COUNTY PLANNING OFFICE PRIOR TO FINAL APPROVAL BY THE COUNTY ENGINEER, AND FINAL OCCUPANCY

RELEASE BY THE BUILDING INSPECTION OFFICE.

14. PRIOR TO GRADING COMPLETION AND RELEASE OF THE BOND, ALL GRADED

16. THE OWNER SHALL PREPARE AND PRESENT A WINTERIZATION REPORT TO THE COUNTY INSPECTOR FOR REVIEW PRIOR TO OCTOBER 15TH OF EVERY YEAR. . THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL INSTALL AND MAINTAIN CONSTRUCTION BEST MANAGEMENT PRACTICES (BMPS) ON THE PROJECT SITE AND WITHIN THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY THROUGHOUT THE DURATION OF THE CONSTRUCTION AND UNTIL THE ESTABLISHMENT OF PERMANENT STABILIZATION AND SEDIMENT CONTROL TO PREVENT THE DISCHARGE OF POLLUTANTS INCLUDING SEDIMENT, CONSTRUCTION MATERIALS, EXCAVATED MATERIALS, AND WASTE INTO THE SANTA CLARA COUNTY RIGHT-OF-WAY, STORM SEWER WATERWAYS, ROADWAY INFRASTRUCTURE. BMPS SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING:

A. PREVENTION OF POLLUTANTS IN STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE AND THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAYDOWN / STAGING AREAS.

B. PREVENTION OF TRACKING OF MUD, DIRT, AND CONSTRUCTION MATERIALS ONTO THE PUBLIC ROAD RIGHT-OF-WAY. PREVENTION OF DISCHARGE OF WATER RUN-OFF DURING DRY AND WET

WEATHER CONDITIONS ONTO THE PUBLIC ROAD RIGHT-OF-WAY. 18. THE OWNER, CONTRACTOR, AND ANY PERSON PERFORMING CONSTRUCTION ACTIVITIES SHALL ENSURE THAT ALL TEMPORARY CONSTRUCTION FACILITIES INCLUDING BUT NOT LIMITED TO CONSTRUCTION MATERIALS, DELIVERIES, HAZARDOUS AND NON-HAZARDOUS MATERIAL STORAGE, EQUIPMENT, TOOLS, PORTABLE TOILETS, CONCRETE WASHOUT, GARBAGE CONTAINERS, LAYDOWN YARDS, SECONDARY CONTAINMENT AREAS, ETC. ARE LOCATED OUTSIDE THE SANTA CLARA COUNTY ROAD RIGHT-OF-WAY.

19. EROSION CONTROL PLAN IS A GUIDE AND SHALL BE AMENDED AS NECESSARY TO PREVENT EROSION AND ILLICIT DISCHARGES ON A YEAR AROUND BASIS, DEPENDING ON THE SEASON, WEATHER, AND FIELD CONDITIONS. EROSION CONTROL MEASURES IN ADDITION TO THOSE NOTED IN THE PERMITTED PLANS MAY BE NECESSARY. FAILURE TO INSTALL SITE SITE AND SITUATIONALY APPROPRIATE EROSION CONTROL MEASURES MAY RESULT IN VIOLATIONS, FINES, AND A STOPPAGE OF WORK.

# MORGAN HILL

# COUNTY LOCATION

SURVEY MONUMENT PRESERVATION

CONSTRUCTION ACTIVITY.

1. THE LANDOWNER / CONTRACTOR MUST PROTECT AND ENSURE THE

3. THE LANDOWNER, CONTRACTOR AND/OR ANY PERSON PERFORMING

CONSTRUCTION ACTIVITIES THAT WILL OR MAY DISTURB AN EXISTING

MONUMENT, CORNER STAKE, OR ANY OTHER PERMANENT SURVEYED

RECORD AND/OR RECORD OF SURVEY ARE FILED WITH THE COUNTY

SET A WITNESS MONUMENT(S) TO PERPETUATE THE LOCATION IF ANY

PERMANENT MONUMENT COÙLD BE DESTROYED, DAMAGED, COVERED,

LAND DEVELOPMENT ENGINEERING INSPECTOR.

PERPETUATION OF SURVEY MONUMENTS AFFECTED BY CONSTRUCTION

2. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE,

MONUMENTS THAT ARE DISCOVERED THAT ARE WITHIN 50 FEET OF THE

STAKE, AND FLAG OR OTHERWISE IDENTIFY WITH PAINT OR OTHER MARKINGS

ALL PERMANENT SURVEY MONUMENTS OF RECORD AND ANY UNRECORDED

MONUMENT SHALL CAUSE TO HAVE A LICENSED LAND SURVEYOR OR CIVIL

ENGINEER, AUTHORIZED TO PRACTICE SURVEYING, ENSURE THAT A CORNER

PERMANENT MONUMENT(S) IN THE SURFACE OF THE NEW CONSTRUCTION OR

DISTURBED, OR OTHERWISE OBLITERATED. THE LICENSED LAND SURVEYOR OR

CIVIL ENGINEER SHALL FILE A CORNER RECORD OR RECORD OF SURVEY WITH

COUNTY SURVEYOR PRIOR TO FINAL ACCEPTANCE OF THE PROJECT BY THE

SURVEYOR'S OFFICE PRIOR TO DISTURBING SAID MONUMENTS AND RESET

VICINITY MAP

**TENSION** 

BAR (OPT)

PIPE 2" O.C. -

#### SCOPE OF WORK

1. THE DEVELOPER IS RESPONSIBLE FOR THE INSTALLATION OF THE WORK PROPOSED ON THE EROSION CONTROL PLAN. THE ENGINEER OF RECORD IS RESPONSIBLE FOR THE DESIGN OF THE EROSION CONTROL PLANS AND ANY MODIFICATIONS OF THE EROSION COTROL PLANS TO PREVENT ILLICIT DISCHARGES FROM THE SITE DURING CONSTRUCTION. CONSTRUCTION OF 15' DRIVEWAY.

NEW RESIDENCE FOR:

GURDEP DHADWAL

3. CONSTRUCTION OF PRIMARY AND 2ND RESIDENCE. 4. CONSTRUCTION OF ONSITE PONDING BASIN.

5. CONSTRUCTION OF OFFSITE IMPROVEMENT ALONG PALM AVENUE.

#### LEGEND

DESCRIPTION PROPSED EXISTING POWER POLE WELL MONUMENT

#### EXISTING TREE PROTECTION DETAILS

CHAIN SEE SIGNAGE

DETAIL

LINK

⋙10'-0" MAX ⋙

PRIOR TO THE COMMENCEMENT OF ANY GRADING, TREE PROTECTIVE FENCING SHALL BE IN PLACE IN ACCORDANCE WITH THE TREE PRESERVATION PLAN AND INSPECTED BY A CERTIFIED ARBORIST. THE ARBORIST SHALL MONITOR CONSTRUCTION ACTIVITY TO ENSURE THAT THE TREE PROTECTION MEASURES ARE IMPLEMENTED AND ADHERED TO DURING CONSTRUCTION. THIS CONDITION SHALL BE INCORPORATED INTO THE GRADING PLANS.

FENCE SHALL BE MINIMUM 5 FEET TALL CONSTRUCTED OF STURDY MATERIAL (CHAIN-LINK OR EQUIVALENT STRENGTH / DURABILITY).

. FENCE SHALL BE SUPPORTED BY VERTICAL POSTS DRIVEN 2 FEET (MIN) INTO THE GROUND AND SPACED NOT MORE THAN 10 FEET APART. 4. TREE FENCING SHALL BE MAINTAINED THROUGHOUT THE SITE DURING THE CONSTRUCTION PERIOD, INSPECTED PERIODICALLY FOR DAMAGE AND PROPER FUNCTION, REPAIRED AS NECESSARY TO PROVIDE A PHYSICAL BARRIER FROM CONSTRUCTION ACTIVITIES, AND REMAIN IN PLACE UNTIL THE FINAL

5. A SIGN THAT INCLUDES THE WORDS, "WARNING: THIS FENCE SHALL NOT BE REMOVED WITHOUT THE EXPRESSED PERMISSION OF THE SANTA CLARA COUNTY PLANNING OFFICE," SHALL BE SECURELY ATTACHED TO THE FENCE IN A VISUALLY PROMINENT LOCATION.

COUNTY OF SANTA CLARA

LAND DEVELOPMENT ENGINEERING & SURVEYING

GRADING / DRAINAGE PERMIT NO. ___

EXPIRATION DATE

ISSUED BY: _____

### APPROVED FOR ISSUANCE REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FRO SPECIAL CONDITIONS AND PERMIT NUMBERING

#### ENGINEER'S CERTIFICATION:

THIS PLAN WILL NOT IMPOSE A DRAINAGE, GRADING OR FLOODING HAZARD TO SURROUNDING PROPERTIES.



9/23/24

## LIC. NO. C61918

DATE

#### SHEET INDEX

1	COVER SHEET
2	GRADING PLAN
3	GRADING PLAN
4	OFFSITE STREET IMPROVEMENT
5	EROSION CONTROL PLAN
6	DETAILS
7	DETAILS
8	DETAILS
9	STANDARD TRAFFIC CONTROL PLANS
10	STANDARD TRAFFIC CONTROL PLANS

ENGINEER'S NAME: PETER P. MOUA, PE/LS CENTRAL VALLEY ENGINEERING AND SURVEYING 2132 HIGH STREET

SELMA, CA 93662 PHONE NO.(559) 891-8811

SheetRevision 1 n/a712-27-043 Revision 2 Co. File Revision 3

#### STORM DRAINAGE AND STORMWATER MANAGEMENT

1. DEVELOPER IS RESPONSIBLE FOR ALL NECESSARY DRAINAGE FACILITIES WHETHER SHOWN ON THE PLANS OR NOT AND HE OR HIS SUCCESSOR PROPERTY OWNERS ARE RESPONSIBLE FOR THE ADEQUACY AND CONTINUED MAINTENANCE OF THESE FACILITIES IN A MANNER WHICH WILL PRECLUDE ANY HAZARD TO LIFE, HEALTH, OR DAMAGE TO ADJOINING PROPERTY, CONSISTENT WITH NPDES PERMIT CAS612008 / ORDER NO. R2-2009-0047 AND NPDES

PERMIT CAS000004/ ORDER NO. 2013-0001-DWQ. DROP INLETS SHALL BE COUNTY STANDARD TYPE 5 UNLESS OTHERWISE NOTED ON THE PLANS. THE DEVELOPER'S ENGINEER SHALL BE RESPONSIBLE FOR THE PROPER LOCATION OF DROP INLETS. WHERE STREET PROFILE GRADE EXCEEDS 6% DROP INLETS SHALL BE SET AT 500 ANGLE CURB LINE TO ACCEPT WATER OR AS SHOWN ON THE PLANS.

WHERE CULVERTS ARE INSTALLED THE DEVELOPER SHALL BE RESPONSIBLE FOR GRADING THE OUTLET DITCH TO DRAIN TO AN EXISTING SWALE OR TO AN OPEN AREA FOR SHEET FLOW.

UPON INSTALLATION OF DRIVEWAY CONNECTIONS, PROPERTY OWNERS SHALL PROVIDE FOR THE UNINTERRUPTED FLOW OF WATER IN ROADSIDE DITCHES. 5. THE COUNTY SHALL INSPECT UNDERGROUND DRAINAGE IMPROVEMENTS AND STORMWATER MANAGEMENT FEATURES PRIOR TO BACKFILL.

#### AS-BUILT PLANS STATEMENT

THIS IS A TRUE COPY OF THE AS-BUILT PLANS. THERE (___ WERE) (___ WERE NOT) MINOR FIELD CHANGES - MARKED WITH THE SYMBOL (^). THERE (___WERE) WERE NOT) PLAN REVISIONS INDICATING SIGNIFICANT CHANGES REVIEWED BY THE COUNTY ENGINEER AND MARKED WITH THE SYMBOL A.

SIGNATURE

NOTE: THIS STATEMENT IS TO BE SIGNED BY THE PERSON AUTHORIZED BY THE COUNTY ENGINEER TO PERFORM THE INSPECTION WORK. A REPRODUCIBLE COPYOF

#### GEOTECHNICAL ENGINEER OBSERVATION

1. A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL ENGINEER AND ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGIC REPORTS SHALL BE SUBMITTED PRIOR TO THE GRADING COMPLETION AND RELEASE OF THE BOND.

COUNTY OF SANTA CLARA DEPT. OF ROADS AND AIRPORTS ISSUED BY: ____ ENCROACHMENT PERMIT NO.

NO WORK SHALL BE DONE IN THE COUNTY'S RIGHT-OF-WAY WITHUOT AN ENCROACHEMENT PERMIT, INCLUDING THE STAGING OF CONSTRUCTION MATERIAL AND THE PLACEMENT OF PORTABLE TOILETS.

#### ENGINEER'S STATEMENT

I HEREBY STATE THAT THESE PLANS ARE IN COMPLIANCE WITH ADOPTED COUNTY STANDARDS, THE APPROVED TENTATIVE MAP (OR PLAN) AND CONDITIONS OF APPROVAL PERTAINING THERETO DATED JULY 18, 2015 FILE(S) NO. 9470-60-45-14B.



#### COUNTY ENGINEER'S NOTE

ISSUANCE OF A PERMIT AUTHORIZING CONSTRUCTION DOES NOT RELEASE THE DEVELOPER, PERMITTEE OF ENGINEER FROM RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS CONTAINED IN THE PLANS. IF, DURING THE COURSE OF CONSTRUCTION, THE PUBLIC INTEREST REQUIRES A MODIFICATION OF (OR DEPARTURE FROM) THE SPECIFICATIONS OF THE PLANS, THE COUNTY SHALL HAVE THE AUTHORITY TO REQUIRE THE SUSPENSION OF WORK, AND THE NECESSARY MODIFICATION OR DEPARTURE AND TO SPECIFY THE MANNER IN WHICH THE SAME IS TO BE MADE.

CHRISTOPHER L. FREITAS, RCE

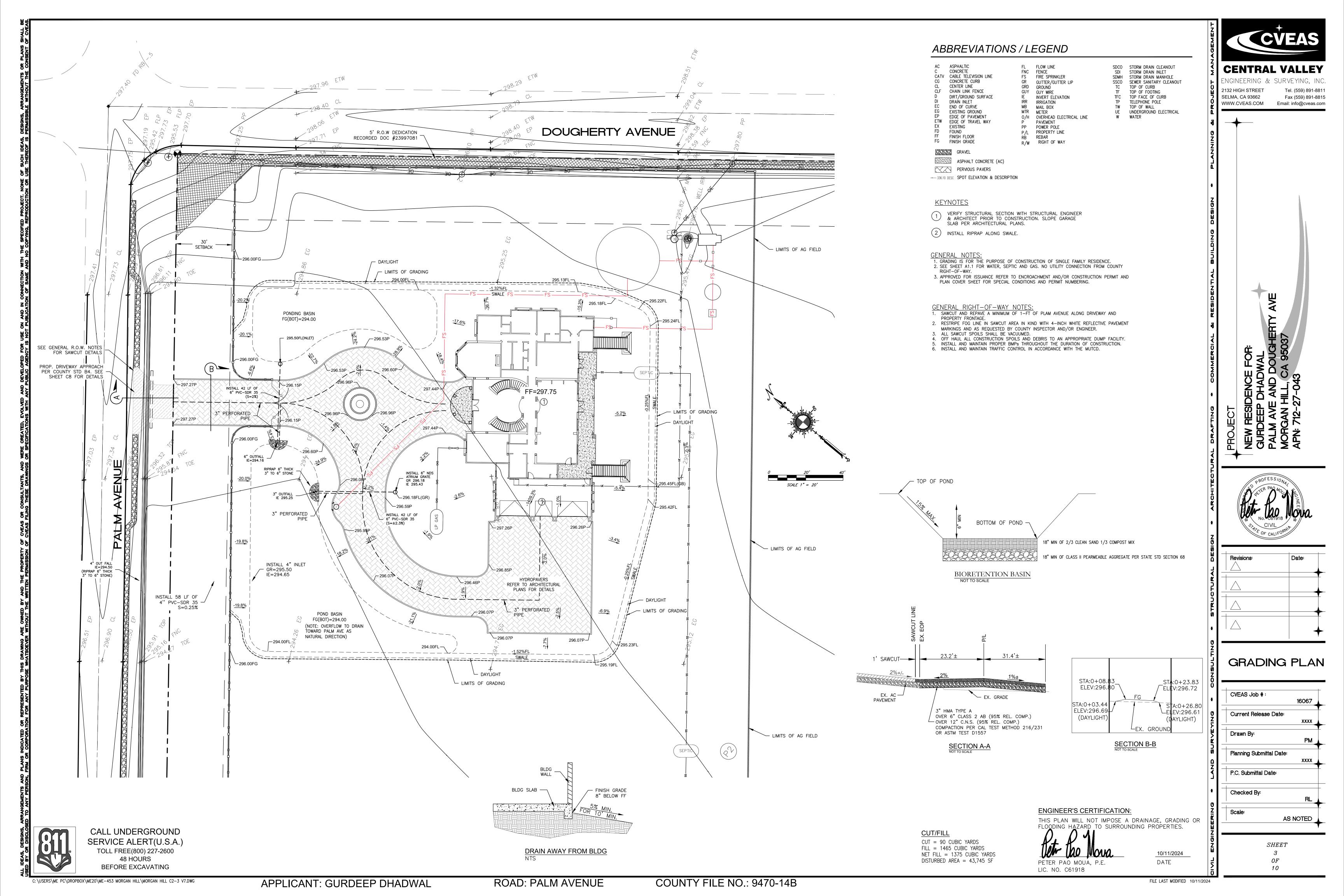
8093 SF WATER STORAGE TANKS 908 SF 3. WATER STORAGE TANK PAD (SPRINKLER) 59 SF 4. WELL PUMP SLAB FRONT PORCH **CENTRAL VALLEY** 6. AC PAVING - DRIVE APPROACH 510 SF 7. 2X HEADERS TOTAL = 9920 SFENGINEERING & SURVEYING, INC. 2132 HIGH STREET SELMA, CA 93662 Fax (559) 891-8815 WWW.CVEAS.COM Email: info@cveas.com DOUGHERTY AVENUE (COUNTY MAINTAINED ROAD) WATER TANKS GENERAL NOTES GRADING DOMESTIC WELL 1. THE WORK EMBRACED HEREIN SHALL BE DONE IN ACCORDANCE WITH THE APPROPRIATE PROVISION OF ALL GRADING SHALL COMPLY WITH CALIFORNIA BUILDING CODE, 2022 EDITION. — THE SPECIFICATIONS ENTITLED BY SANTA CLARA COUNTY, STANDARD PLANS AND SPECIFICATIONS A LETTER FROM THE RESPONSIBLE CIVIL ENGINEER OR LAND SURVEYOR SHALL ALSO BE LATEST REVISION. SUBMITTED CERTIFYING THAT GRADING CONFORMED TO THE APPROVED GRADING PLAN. THE CONTRACTOR SHALL SECURE AN ENCROACHMENT PERMIT FOR ANY OFF-SITE CONSTRUCTION. THIS GRADING PLAN IS FOR APPROVAL OF ONSITE ELEVATIONS ONLY. THE ELEVATIONS SHOWN 3. ANY PERSON, CONTRACTOR OR SUBCONTRACTOR PLANNING TO CONDUCT ANY EXCAVATION SHALL WITH IN THE PUBLIC RIGHT-OF-WAY REQUIRES SEPARATE PUBLIC WORKS DEPARTMENT CONTACT USA NORTH AT 811 AT LEAST TWO (2) DAYS, BUT NOT MORE THAN 14 CALENDAR DAYS, APPROVAL & PERMIT. ANY NOTES THAT APPLY TO THE PUBLIC RIGHT-OF-WAY ARE FOR LIMITS OF GRADING -PRIOR TO COMMENCING THAT EXCAVATION REFERENCE ONLY. IF ON-SITE ELEVATIONS SHOWN DO NOT COINCIDE WITH APPROVED STREET 4. THE CONTRACTOR SHALL PROVIDE SOIL COMPACTION TEST REPORTS PREPARED BY AN APPROVED PLANS, AN APPROVED AMENDMENT IS REQUIRED. ·=----TESTING AGENCY FOR ALL AREAS WHERE FILL IS PLACED. THE GROUND IMMEDIATELY ADJACENT TO ALL FOUNDATIONS SHALL BE SLOPED AWAY FROM ANY EXISTING SECTION CORNER, QUARTER SECTION CORNER, PROPERTY CORNER, STREET CENTERLINE THE BUILDING AT A SLOPE OF NOT LESS THAN 2% FOR A MINIMUM DISTANCE OF 10 FEET MONUMENT, OR ANY OFFICIAL BENCHMARK DAMAGED BY THE CONTRACTOR IN THE COURSE OF THE MEASURED PERPENDICULAR TO THE FACE OF THE WALL. IF PHYSICAL OBSTRUCTIONS OR LOT WORK COVERED BY THESE CONSTRUCTION PLANS, SHALL BE RESET TO THE SATISFACTION OF THE LINES PROHIBIT 10 FEET OF HORIZONTAL DISTANCE FROM THE FOUNDATION, THEN A SWALE 2" HEADER CITY ENGINEER. A LICENSED LAND SURVEYOR OR CIVIL ENGINEER LICENSED TO PERFORM LAND THAT RUNS PARALLEL TO THE FOUNDATION MAY BE USED AND WILL BE REQUIRED TO BE A / LIMITS OF AG FIELD (TYP.) SURVEYING SHALL CERTIFY THE PLACEMENT OR REPLACEMENT OF ALL MONUMENTS AND BENCHMARKS MINIMUM SLOPE OF 2% WITHIN 10 FEET OF THE BUILDING FOUNDATION. ALL OTHER SITE IN ACCORDANCE WITH ALL LAWS, RULES AND REGULATIONS GOVERNING SUCH PLACEMENTS OR GRADING OUTSIDE OF THE BUILDING ENVELOPE IS REQUIRED TO BE A MINIMUM OF 0.5%. SEPTIC TANK REPLACEMENTS. PLACEMENT/REPLACEMENT AND CERTIFICATION SHALL BE COMPLETED BEFORE FINAL NO SURFACE DRAINAGE SHALL BE PERMITTED TO DRAIN ONTO ADJACENT PROPERTIES. **├** FL 294.69 ACCEPTANCE OF THE PROJECT/WORK BY THE CITY. BRONZE CAPS REQUIRED FOR THE INSTALLATION NO PERMANENT ON-SITE WATER RETENTION IS ALLOWED. OF NEW OR REPLACEMENT MONUMENTS SHALL BE FURNISHED BY THE CONTRACTOR. ANY VERTICAL CUT OR FILL DIFFERENTIAL EQUAL TO OR GREATER THAN TWELVE (12) INCHES 6. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION BETWEEN ADJACENT PROPERTIES SHALL BE SUPPORTED BY AN APPROVED RETAINING WALL. WATER PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE ALL REQUIRED WALLS AND RETAINING WALLS REQUIRE SEPARATE BUILDING PERMITS IN 30 LF OF 12" CMP ∛ FOUNTAIN 🐬 RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, ADDITION TO THE GRADING PERMIT. (S=0.26%) INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY PROVIDE THE CITY OF FRESNO WITH AS-GRADE PLANS. PLANS ARE TO BE SUBMITTED UPON 3" PERFORATED CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. COMPLETION OF GRADING AND PRIOR TO OCCUPANCY. FL 294.61 WIDTH VARIES (REFER TO LAYOUT PLAN) SEPTIC SEWER EDGE RESTRAINT AS NEEDED. LINE (4") 3" PERFORATED ENSURE ALL JOINTS REMAIN FILLED WITH CLEAN BRICK SAND. 2" HEADER HYDROPAVER UNIT PAVING. REFER TO LAYOUT PLAN FOR COLOR, SIZE & PATTERN. 1. ALL DIMEMSIONS IN MILLIMETERS 3/8" SHARP ANGULAR WASHED LIMESTONE 150 LCHIPS LEVELING BED. 2. HPB LAYER NOT TO EXCEED 40mm IN DEPTH. DO NOT USE LIMESTONE SCREENINGS. (High Performance Bedding). 3. IN SANDY SOILS, BASE DEPTH TO BE 450mm DEEP. FINISHED 4. CONFIRM SOIL CONDITIONS WITH A QUALIFIED SOILS ENGINEER 3" PERFORATED GRADE PRIOR TO INSTALLATION OF BASE. 5. USE AN EDGE RESTRAINT ON ALL AREAS ABUTTING SOD. 2" HEADER LIMITS OF GRADING -- LIMITS OF AG FIELD 3" PERFORATED PIPE (SCH40 & IE=12" BELOW TOP OF COMPACTED GRAVEL) Revisions: NON WOVEN GEOTEXTILE TO BE USED IN WET CONDITIONS BASED ON SOILS REPORT. EXISTING SUBGRADE 310mm 3/4" CLEAR TO BE COMPACTED SEPTIC TANK -COMPACTED TO 95% S.P.D. TO 95% S.P.D. SEPTIC LEACHFIELD 0+50 | VERT: 1"=4' 0+00 0+25 0+00 0+25 0+50 VERT: 1"=4" CROWN ELEV 298.89 ELEV:296.70 296 298 EX. EP ELEV:298.49 ELEV:296.24 SEPTIC LEACHFIELD TOP CVEAS Job #: ELEV:298.21 ELEV:295.68 294 **Current Release Date:** L'MITS OF AG FIELD SETBACK, TYP. / ELEV:293.97 FLEV:295.75 Drawn By: 292 Planning Submittal Date: PROPERTY LINE, TYP.  $\frac{\text{X-SECTION 1-1 (PALM)}}{\text{NOT TO SCALE}}$ X-SECTION 2-2 (DOUGHERTY P.C. Submittal Date: CENTERLINE, TYP. Checked By: **ENGINEER'S CERTIFICATION:** THIS PLAN WILL NOT IMPOSE A DRAINAGE, GRADING OR FLOODING HAZARD TO SURROUNDING PROPERTIES. CALL UNDERGROUND APPROVED FOR ISSUANCE VERTICAL CONTROL BASIS OF BEARINGS: REFER TO ENCROACHMENT AND/OR SERVICE ALERT(U.S.A.) CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL TOLL FREE(800) 227-2600 10/11/2024 CONDITIONS AND PERMIT NUMBERING CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 4 AS REFERENCED TO CSRC, CALIFORNIA COORDINATE SYSTEM OF 1983, ZONE 4 AS REFERENCED TO CSRC, 48 HOURS DATE EPOCH 2011. PETER PAO MOÚA, P.E. EPOCH 2011. BEFORE EXCAVATING LIC. NO. C61918 COUNTY FILE NO.: 9470-14B **ROAD: PALM AVENUE** APPLICANT: GURDEEP DHADWAL C:\USERS\ME PC\DROPBOX\ME20\ME-453 MORGAN HILL\MORGAN HILL C2-3 V7.DWG FILE LAST MODIFIED 10/11/2024



#### **GRADING PLAN**

16067

AS NOTED





CALL UNDERGROUND SERVICE ALERT(U.S.A.) TOLL FREE(800) 227-2600 48 HOURS BEFORE EXCAVATING



**CENTRAL VALLEY** 2132 HIGH STREET SELMA, CA 93662 Fax (559) 891-8815 WWW.CVEAS.COM Email: info@cveas.com

HALF STREET

**IMPROVEMENT** 

CVEAS Job #:

Drawn By:

Current Release Date:

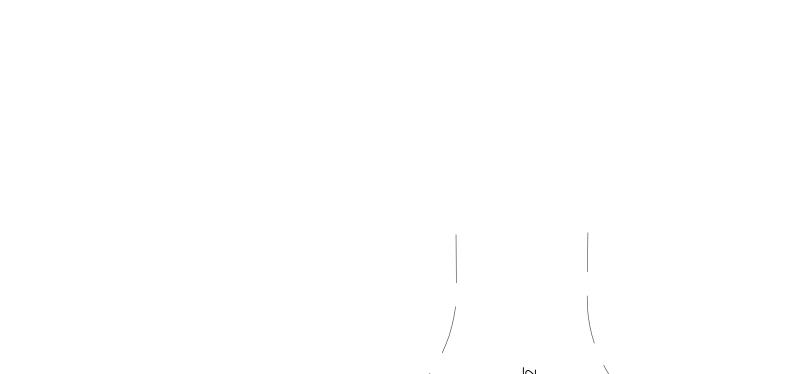
Planning Submittal Date:

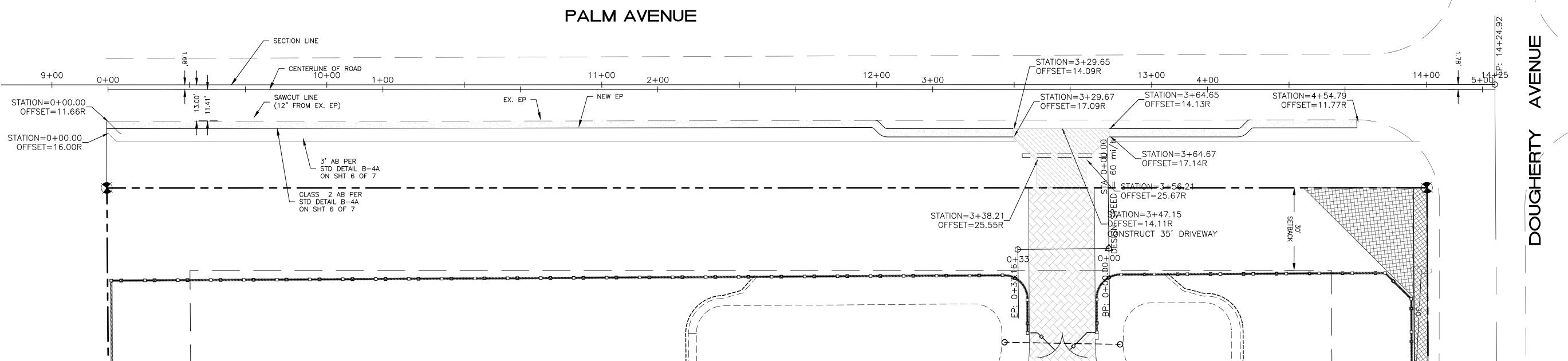
AS NOTED

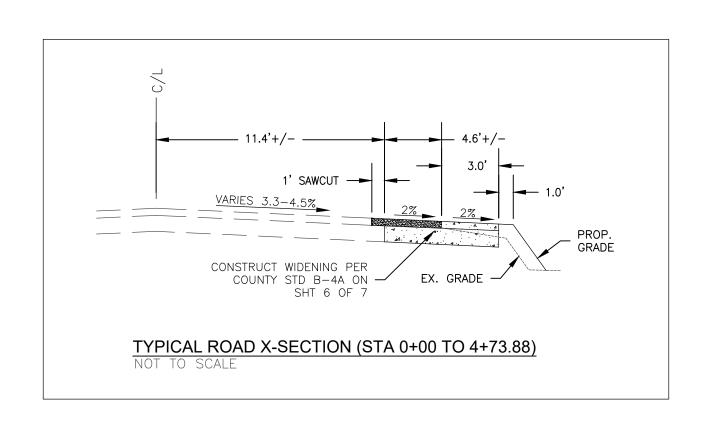
SHEET

P.C. Submittal Date:

Checked By:





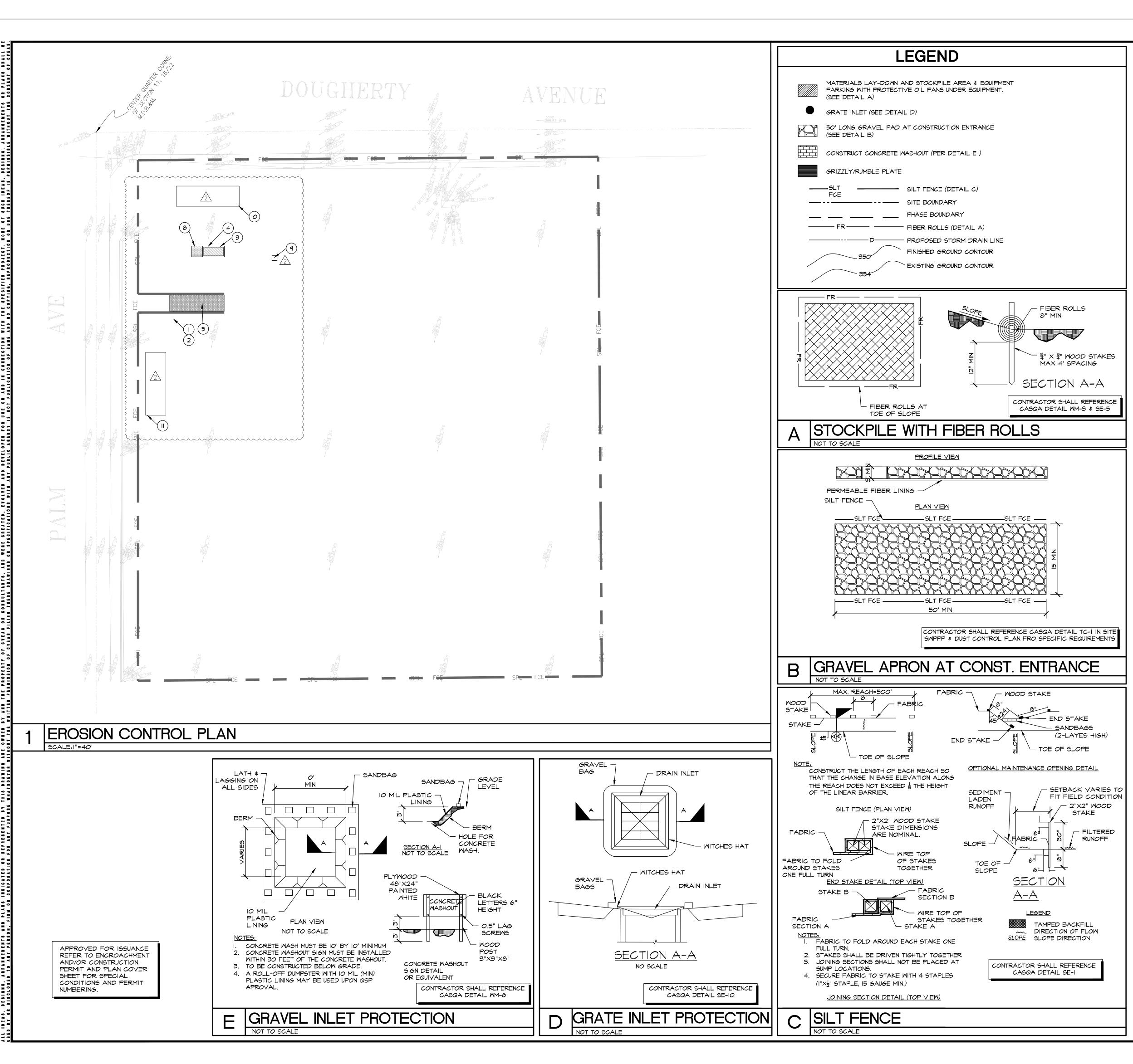


**ENGINEER'S CERTIFICATION:** 

PETER PAO MOUA, P.E. LIC. NO. C61918

4/15/2024 DATE

THIS PLAN WILL NOT IMPOSE A DRAINAGE, GRADING OR FLOODING HAZARD TO SURROUNDING PROPERTIES.



# STORMWATER POLLUTION PREVENTION NOTES:

- EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED WHEN APPROVED BY THE QUALIFIED SWPPP DEVELOPER (QSD) OR THE QUALIFIED SWPPP PRACTITIONER (QSP).
- 2 GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF THE SLOPE AT THE COMPLETION OF EACH WORKING DAY OR EROSION CONTROL BMP'S MUST BE IN PLACE. (ECI-ECI3)
- (3) THE USE OF A GRAVEL BLANKET AT CONSTRUCTION ENTRANCES WITH PUBLIC ROADS IS REQUIRED AT ALL TIMES DURING CONSTRUCTION. (TC-I)
- 4) THE CONTRACTOR SHALL RESTRICT TRAFFIC AND POST IS MPH SPEED LIMITS ON THE SITE TO REDUCE DUST. (WE-I)
- 5) CONTRACTOR SHALL WATER THE SITE AS NEEDED TO ELIMINATE DUST. (MINIMUM OF 650 GALLONS/AC. AND ONCE DAILY, WE-I)

  (6) CONSTRUCTION EQUIPMENT SHALL BE PARKED, WHEN NOT IN USE
- AND FOR MAINTENANCE, IN DESIGNATED AREA (NS-8,10).

  7 SILT FENCING, STRAW BALES AND SANDBAGS WILL BE INSTALLED AS DIRECTED BY THE QSD/QSP, AS NEEDED.

  (SE-1,SE-5,SE-6,SE-8,SE-9)
- 8 EXCEPT AS OTHERWISE APPROVED BY THE QSD/QSP, ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY OR ON WEEKENDS WHEN THE
- 48-HOUR RAIN PROPABILITY PORECAST EXCEEDS 50%.

  9 ALL LOOSE SOIL AND DEBRIS, WHICH MAY CREATE A POTENTIAL HAZARD TO OFFSITE PROPERTY, SHALL BE REMOVED FROM THE SITE AS DIRECTED BY THE QSP.
- THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE WITHIN THE SITE IS AT THE DISCRETION OF THE QSP.
- (II) EROSION CONTROL DEVICES WILL BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES AND PLANS OF THESE CHANGES SUBMITTED FOR APPROVAL AS REQUIRED.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM.
- (13) THIS PLAN HAS BEEN CREATED AS A BEGINNING CONCEPT ONLY.
  IF BMP'S SHOWN ARE DEEMED INEFECTIVE OR UNNECESSARY, QSP
  IS TO REMOVE OR SELECT ALTERNATIVE BMP'S FROM CASQA'S
  HANDBOOK AND REDLINE THIS PLAN AS NEEDED.
- (14) WHILE NOT ALL THE LISTED BMP'S ARE NOT INCLUDED IN THE SPECIFIC TEXT OF THE EROSION CONTROL PLAN, MANY OF THESE ITEMS ARE STILL NECESSARY TO ADDRESS SPECIFIC CONSTRUCTION PROCEDURES THE CONTRACTOR PLANS IMPLEMENT. THESE ITEMS SUCH AS REFUELING STATIONS, BATCH PLANTS, WASTE FACILITIES AND THE LIKE ARE NOT SPECIFICALLY SITED ON THE PLAN BUT STILL ARE REQUIRED TO BE ADDRESS BY THE CONTRACTORS BASED ON THE CONTRACTORS PLANNED
- (15) ALL BMP'S MAY NOT BE LISTED ON THIS EROSION CONTROL PLAN.
  THE CONTRACTOR IS REFERRED TO BE FAMILIAR WITH THE SWPPP
  DOCUMENT FOR THIS SITE, AS IT MAY INCLUDE ADDITIONAL
  NECESSARY BMP'S.

#### **DUST CONTROL NOTES:**

CONSTRUCTION OF THE PROJECT REQUIRES THE IMPLEMENTATION OF CONTROL MEASURES RECOMMENDED BY THE SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT THAT CAN REDUCE FUGITIVE DUST EMISSIONS ASSOCIATED WITH THIS PROJECT:

- ALL DISTURBED AREAS, INCLUDING STORAGE PILES, WHICH ARE NOT BEING ACTIVELY UTILIZED FOR CONSTRUCTION PURPOSES, SHALL BE EFFECTIVELY STABILIZED OF DUST EMISSIONS USING WATER, COVERED WITH A TARP OR OTHER SUITABLE COVER, OR VEGETATIVE GROUND COVER.
- B. ALL ONSITE UNPAVED ROADS AND OFFSITE UNPAVED ACCESS ROADS SHALL BE EFFECTIVELY STABILIZED OF DUST EMISSIONS USING WATER.
- C. ALL LAND CLEARING, GRUBBING, SCRAPING, EXCAVATION, LAND LEVELING, GRADING, CUT & FILL, AND DEMOLITION ACTIVITIES SHALL BE EFFECTIVELY CONTROLLED OF FUGITIVE DUST EMISSIONS UTILIZING APPLICATION OF WATER OR BY PRESOAKING.
- WHEN MATERIALS ARE TRANSPORTED OFFSITE, ALL MATERIALS SHALL BE COVERED, OR EFFECTIVELY WETTED TO LIMIT VISIBLE DUST EMISSIONS, AND AT LEAST SIX INCHES OF FREEBOARD SPACE FROM TOP OF THE CONTAINER SHALL BE MAINTAINED.
- STREETS AT THE END OF EACH WORKDAY. (USING A PMIO-EFFICIENT METHOD, SE-7).

  FOLLOWING THE ADDITION OF MATERIALS TO, OR THE REMOVAL OF MATERIALS TO SERVER STORAGE BY SECOND THE GUIDDOOR STORAGE BY SECOND SE

ALL OPERATIONS SHALL LIMIT OR EXPEDITIOUSLY REMOVE THE ACCUMULATION OF MUD OR TRACKOUT FROM ADJACENT PUBLIC

- MATERIALS FROM, THE SURFACE OF OUTDOOR STORAGE PILES, SAID PILES SHALL BE EFFECTIVELY STABILIZED OF FUGITIVE DUST EMISSIONS UTILIZING SUFFICIENT WATER AND COVERING.

  3. ASPHALT-CONCRETE PAVING SHALL COMPLY WITH BMP THAT
- H. CEASE GRADING ACTIVITIES DURING PERIODS OF HIGH WINDS

(GREATER THAN 20 MPH OVER A ONE-HOUR PERIOD).

STORM DRAIN SYSTEMS (NS-3).

LIMIT CONSTRUCTION RELATED VEHICLE SPEEDS TO 15 MPH ON ALL UNPAVED AREAS AT THE CONSTRUCTION SITE.

PREVENT INFILTRATION OF PAVING MATERIALS AND RUNOFF INTO

ALL DUST CONTROL MEASURES ARE NOT NECESSARY LISTED HERE O'THIS PLAN, THE CONTRACTOR IS REFERED TO THE DUST CONTROL PLAN FOR THIS PROJECT AND/OR SAN JOAQUIN VALLEY AIR POLLUTION CONTROL DISTRICT RULES TO CHECK COMPLIANCE.

#### **CONSTRUCTION NOTES:**

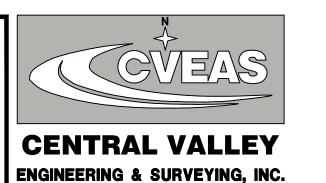
- POST "NO TRESPASSING" SIGN AT PROJECT ENTRANCE(S)
   POST "CONSTRUCTION TRAFFIC IS MPH" SIGN AT PROJECT
- ENTRANCE(S)

  3 MATERIAL LAY-DOWN AND STOCKPILE AREA. (DETAIL A)

  4 EQUIPMENT PARKING WITH PROTECTIVE OIL PANS UNDER
- (5) GRAVEL PAD AT CONSTRUCTION ENTRANCE MIN. 50' LONG (SEE DETAIL B) (6) INLET PROTECTION WITH GRAVEL BAGS. (SEE DETAIL D)
- 7 STOCKPILE FOR ALL PHASES [PLACE FIBER ROLLS AT TOE OF SLOPE ALL THE WAY AROUND THE STOCKPILE] (SEE DETAIL A )
- (8) CONTRUCT CONCRETE WASHOUT (PER DETAIL E)

  (9) LOCATION OF PORT-O-LET (PORTABLE TOILET)
- (9) LOCATION OF FORT-0-LLT (FORTABLE TOTAL)
  (10) HAZARDOUS MATERIAL STORAGE AREA

(II) CONSTRUCTION PARKING AREA



2511 LOGAN STREET Tel. (559) 891-8811

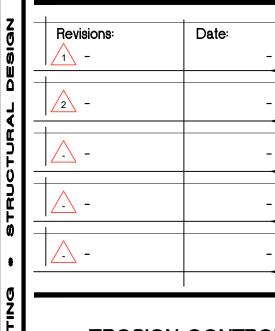
SELMA, CA 93662 Fax (559) 891-8815

MMW.CVEAS.COM Email: info@cveas.com

SLE FAMILY RESIDENCE F
DHADWAL
D DOUGHERTY AVE.

NEW SINGLE FAM GURDEEP DHADW PALM AND DOUG! MORGAN HILLS, C

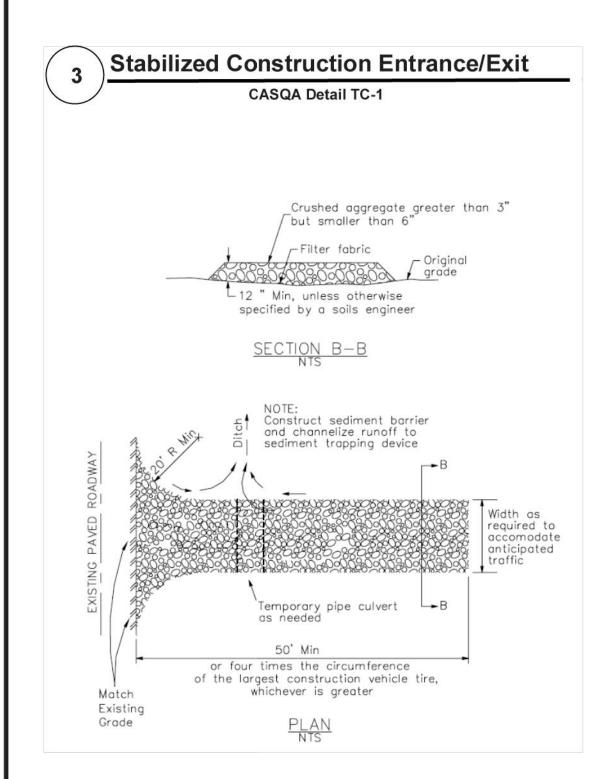


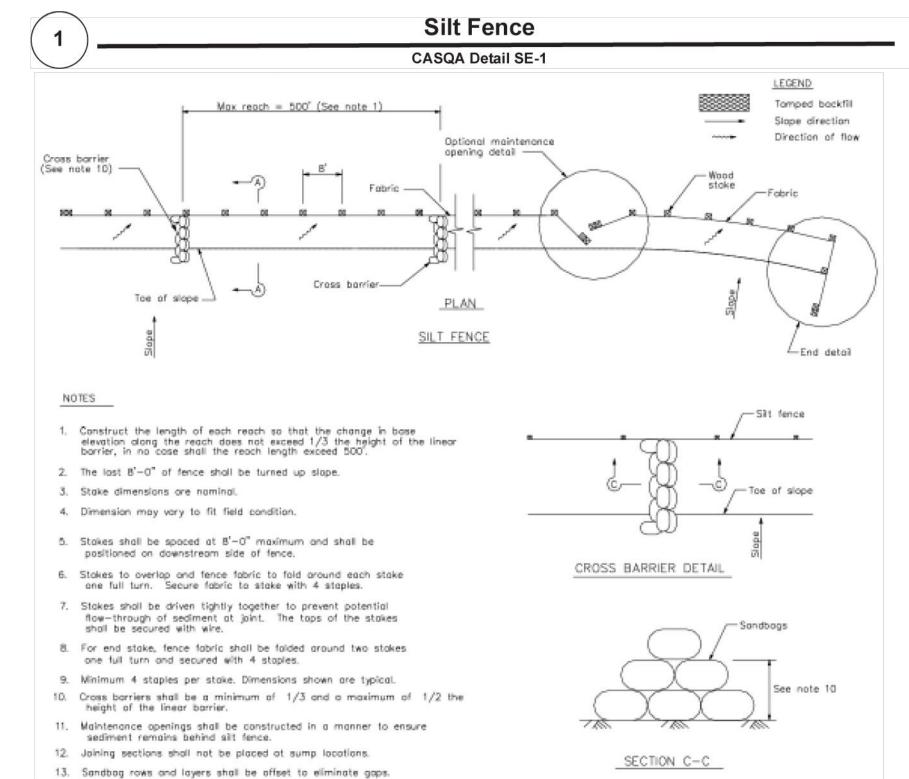


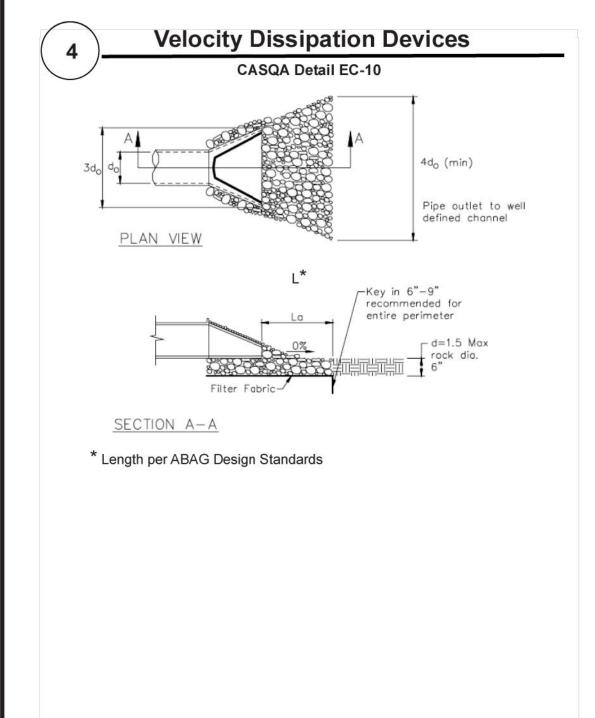
EROSION CONTROL PLAN

C5

NOTE ON PLANS

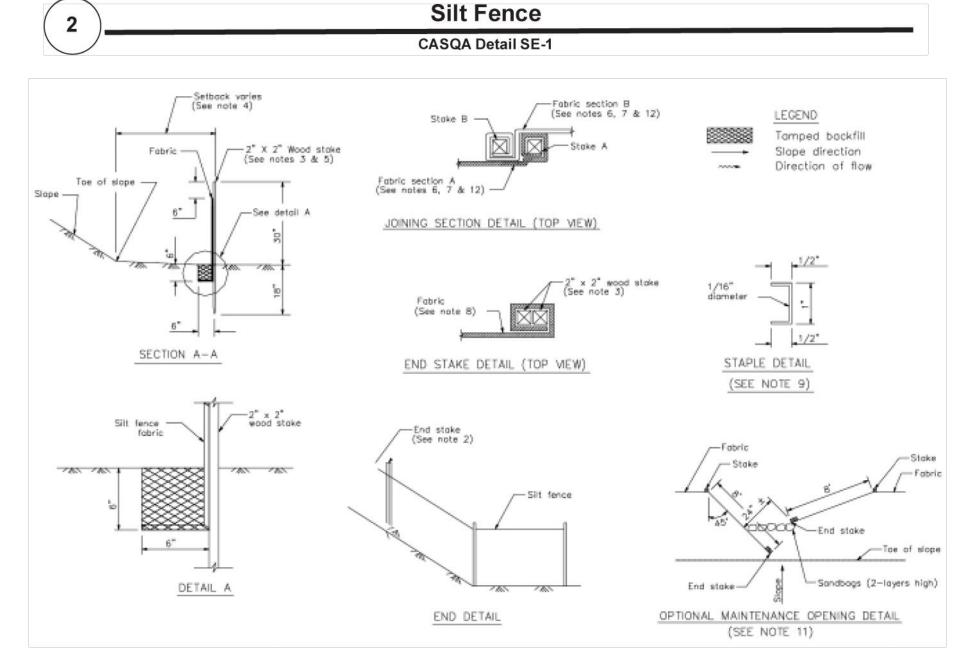






Source for Graphics: California Stormwater BMP Handbook, California

Stormwater Quality Association, January 2003. Available from www.cabmphandbooks.com.



#### STANDARD BEST MANAGEMENT PRACTICE NOTES

- Solid and Demolition Waste Management: Provide designated waste collection areas and containers on site away from streets, gutters, storm drains, and waterways, and arrange for regular disposal. Waste containers must be watertight and covered at all times except when waste is deposited. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C3) or latest.
- Hazardous Waste Management: Provide proper handling and disposal of hazardous wastes by a licensed hazardous waste material hauler. Hazardous wastes shall be stored and properly labeled in sealed containers constructed of suitable materials. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-5 to C-6) or latest.
- 3. <u>Spill Prevention and Control</u>: Provide proper storage areas for liquid and solid materials, including chemicals and hazardous substances, away from streets, gutters, storm drains, and waterways. Spill control materials must be kept on site where readily accessible. Spills must be cleaned up immediately and contaminated soil disposed properly. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-7 to C-8, C-13 to C-14) or latest.
- 4. Vehicle and Construction Equipment Service and Storage:
  An area shall be designated for the maintenance, where onsite maintenance is required, and storage of equipment that is protected from stormwater run-on and runoff. Measures shall be provided to capture any waste oils, lubricants, or other potential pollutants and these wastes shall be properly disposed of off site. Fueling and major maintenance/repair, and washing shall be conducted off-site whenever feasible. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C9) or latest.
- 5. Material Delivery, Handling and Storage: In general, materials should not be stockpiled on site. Where temporary stockpiles are necessary and approved by the County, they shall be covered with secured plastic sheeting or tarp and located in designated areas near construction entrances and away from drainage paths and waterways. Barriers shall be provided around storage areas where materials are potentially in contact with runoff. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-11 to C-12) or latest.
- 6. Handling and Disposal of Concrete and Cement: When concrete trucks and equipment are washed on-site, concrete wastewater shall be contained in designated containers or in a temporary lined and watertight pit where wasted concrete can harden for later removal. If possible have concrete contractor remove concrete wash water from site. In no case shall fresh concrete be washed into the road right-of-way. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-15 to C-16) or latest.
- 7. Pavement Construction Management: Prevent or reduce the discharge of pollutants from paving operations, using measures to prevent run-on and runoff pollution and properly disposing of wastes. Avoid paving in the wet season and reschedule paving when rain is in the forecast. Residue from saw-cutting shall be vacuumed for proper disposal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-17 to C-18) or latest.
- 8. Contaminated Soil and Water Management: Inspections to identify contaminated soils should occur prior to construction and at regular intervals during construction. Remediating contaminated soil should occur promptly after identification and be specific to the contaminant identified, which may include hazardous waste removal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-19 to C-20) or latest
- 9. Sanitary/Septic Water Management: Temporary sanitary facilities should be located away from drainage paths, waterways, and traffic areas. Only licensed sanitary and septic waste haulers should be used. Secondary containment should be provided for all sanitary facilities. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C-21) or latest.
- 10.<u>Inspection & Maintenance</u>: Areas of material and equipment storage sites and temporary sanitary facilities must be inspected weekly. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being identified.

#### STANDARD EROSION CONTROL NOTES

1. <u>Sediment Control Management</u>:

Tracking Prevention & Clean Up: Activities shall be organized and measures taken as needed to prevent or minimize tracking of soil onto the public street system. A gravel or proprietary device construction entrance/exit is required for all sites. Clean up of tracked material shall be provided by means of a street sweeper prior to an approaching rain event, or at least once at the end of each workday that material is tracked, or, more frequently as determined by the County Inspector. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-31 to B-33) or latest.

Storm Drain Inlet and Catch Basin Inlet Protection: All inlets within the vicinity of the project and within the project limits shall be protected with gravel bags placed around inlets or other inlet protection. At locations where exposed soils are present, staked fiber roles or staked silt fences can be used. Inlet filters are not allowed due to clogging and subsequent flooding. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages B-49 to B-51) or latest.

Storm Water Runoff: No storm water runoff shall be allowed to drain in to the existing and/or proposed underground storm drain system or other above ground watercourses until appropriate erosion control measures are fully installed.

<u>Dust Control</u>: The contractor shall provide dust control in graded areas as required by providing wet suppression or chemical stabilization of exposed soils, providing for rapid clean up of sediments deposited on paved roads, furnishing construction road entrances and vehicle wash down areas, and limiting the amount of areas disturbed by clearing and earth moving operations by scheduling these activities in phases.

Stockpiling: Excavated soils shall not be placed in streets or on paved areas. Borrow and temporary stockpiles shall be protected with appropriate erosion control measures(tarps, straw bales, silt fences, ect.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.

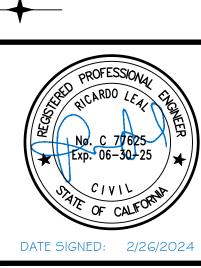
- 2. Erosion Control: During the rainy season, all disturbed areas must include an effective combination of erosion and sediment control. It is required that temporary erosion control measures are applied to all disturbed soil areas prior to a rain event. During the non-rainy season, erosion control measures must be applied sufficient to control wind erosion at the site.
- 3. Inspection & Maintenance: Disturbed areas of the Project's site, locations where vehicles enter or exit the site, and all erosion and sediment controls that are identified as part of the Erosion Control Plans must be inspected by the Contractor before, during, and after storm events, and at least weekly during seasonal wet periods. Problem areas shall be identified and appropriate additional and/or alternative control measures implemented immediately, within 24 hours of the problem being
- 4. <u>Project Completion</u>: Prior to project completion and signoff by the County Inspector, all disturbed areas shall be reseeded, planted, or landscaped to minimize the potential for erosion on the subject site.
- 5. It shall be the Owner's/Contractor's responsibility to maintain control of the entire construction operation and to keep the entire site in compliance with the erosion control plan.
- Erosion and sediment control best management practices shall be operable year round or until vegetation is fully established on landscaped surfaces.



FOR:

SINGLE FAMILY RESIDENCE FOR SINGLE POHADWAL AND DOUGHERTY AVE.

SAN HILLS, CA 95037



DATE SIGNED:	2/26/2024	
Revisions:	Date:	-
		-
		-
		-
	<u> </u>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

SANTA CLARA COUNTY ROAD AND AIRPORT STANDARDS

CVEAS JOB # :	
	22146
DATE:	
DATE:	2/26/2024
1	2/20/2024
PLANNING SUBMITT	AL #:
	XX-XXXX
+	
PLAN CHECK SUBN	
	XX-XXXX
DRAWN BY:	
DHAWN BI:	кх
1	
CHECKED BY:	
	RL
	•
SCALE:	
NOTE	ON PLANS

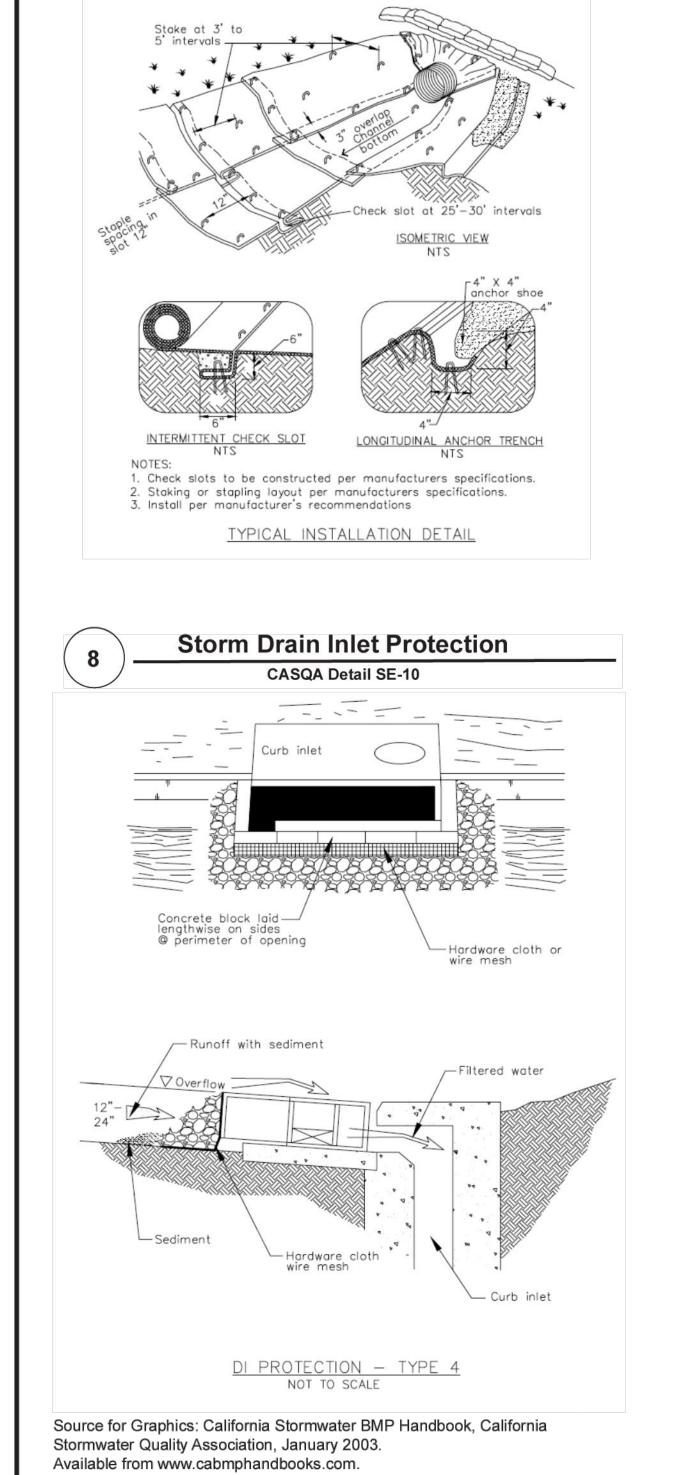
Best Management Practices and Erosion Control Details Sheet 1 County of Santa Clara



BMP-1

APPROVED FOR ISSUANCE REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERING

C6



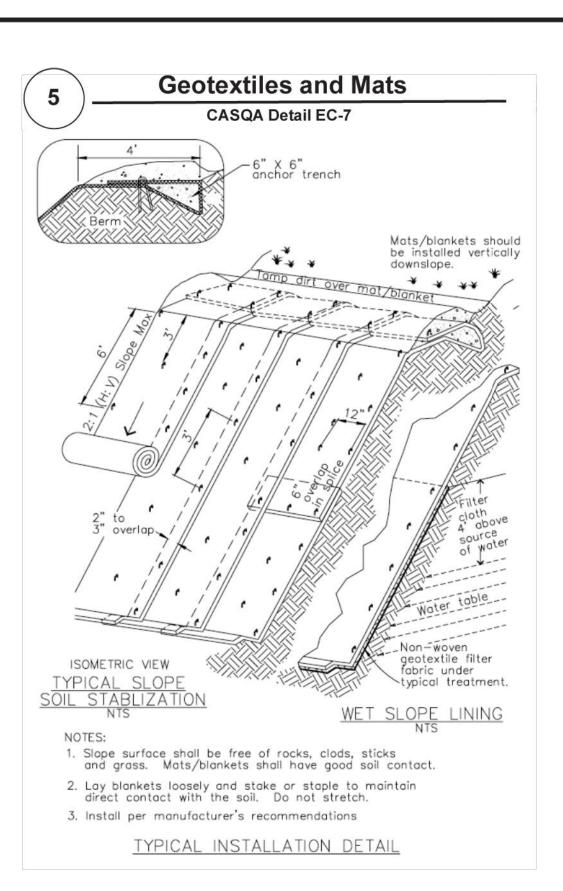
**Geotextiles and Mats** 

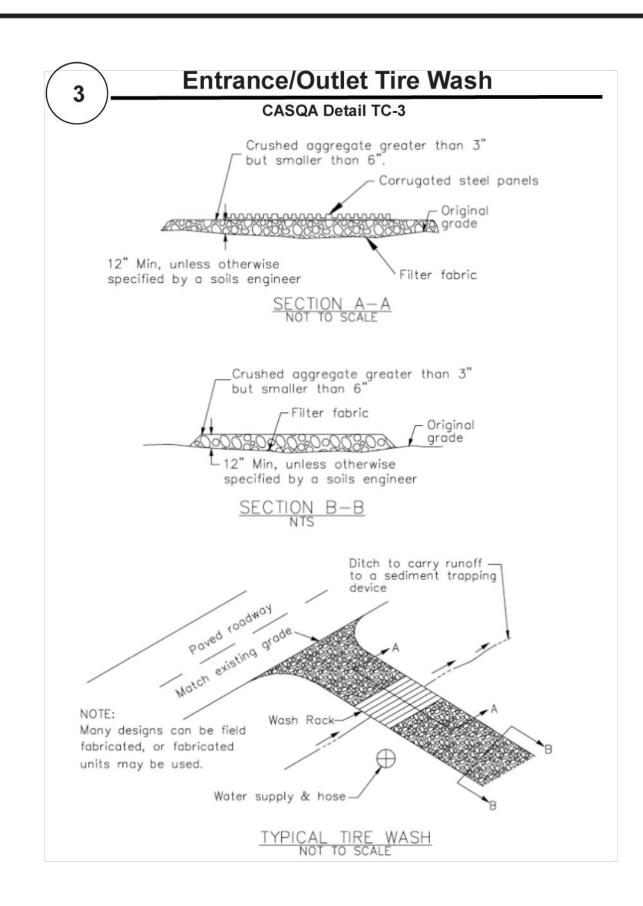
CASQA Detail EC-7

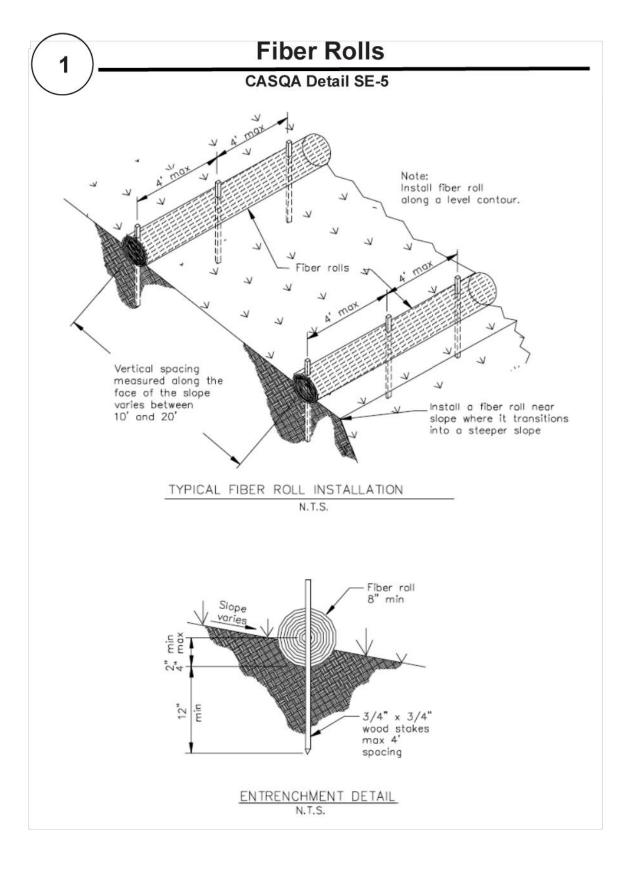
TERMINAL SLOPE AND CHANNEL

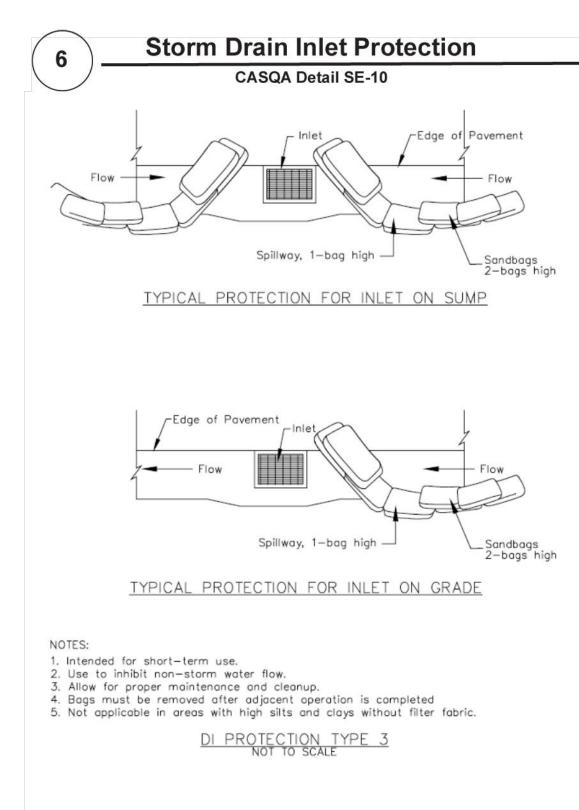
ANCHOR TRENCH NTS

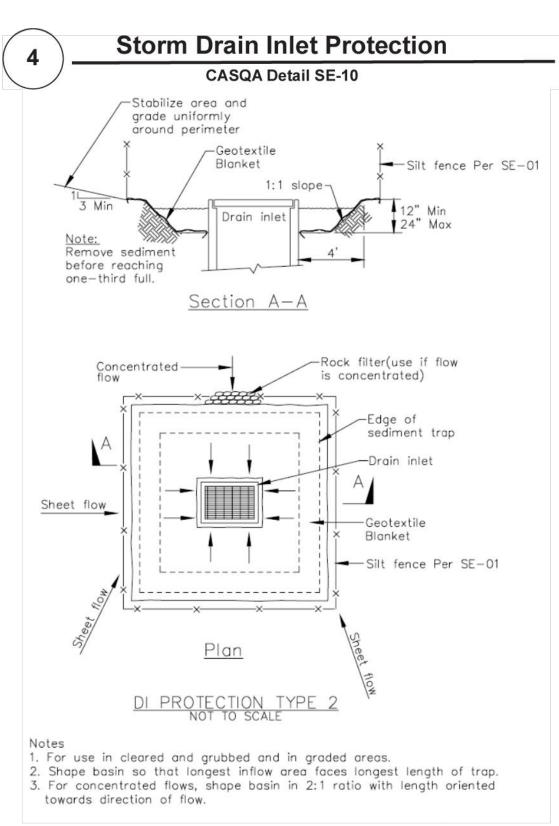
INITIAL CHANNEL ANCHOR TRENCH

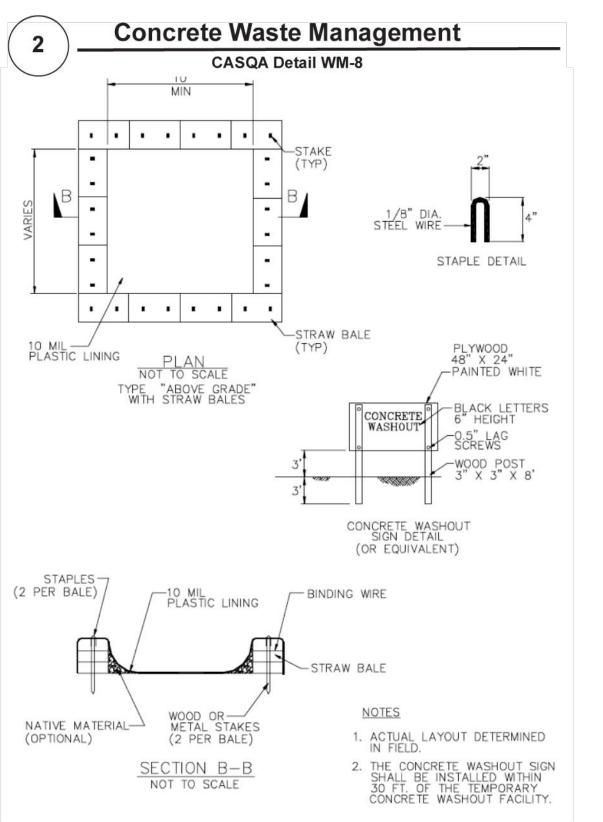










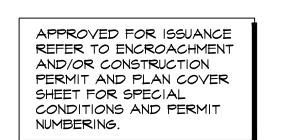


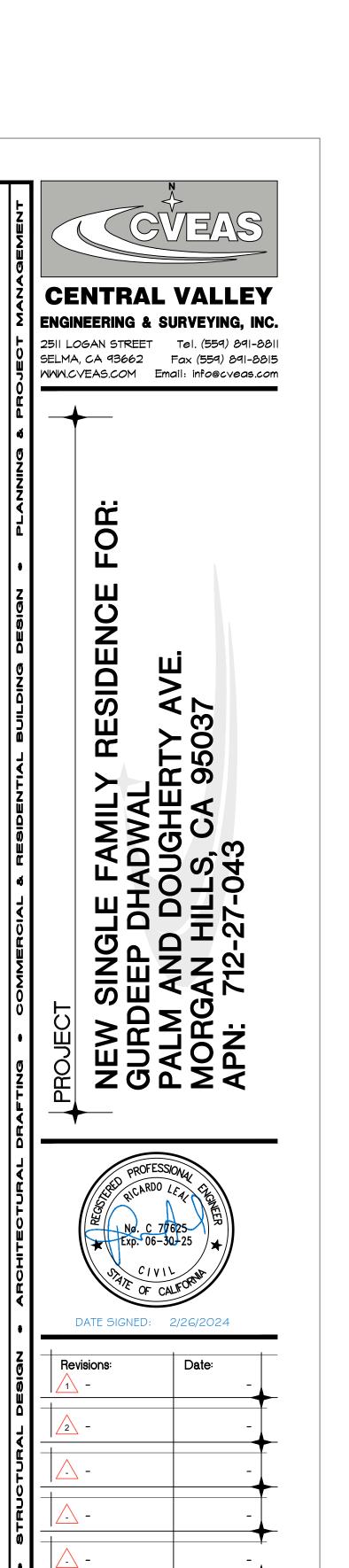
ation

Best Management Practices and Erosion Control Details Sheet 2 County of Santa Clara



BMP-2





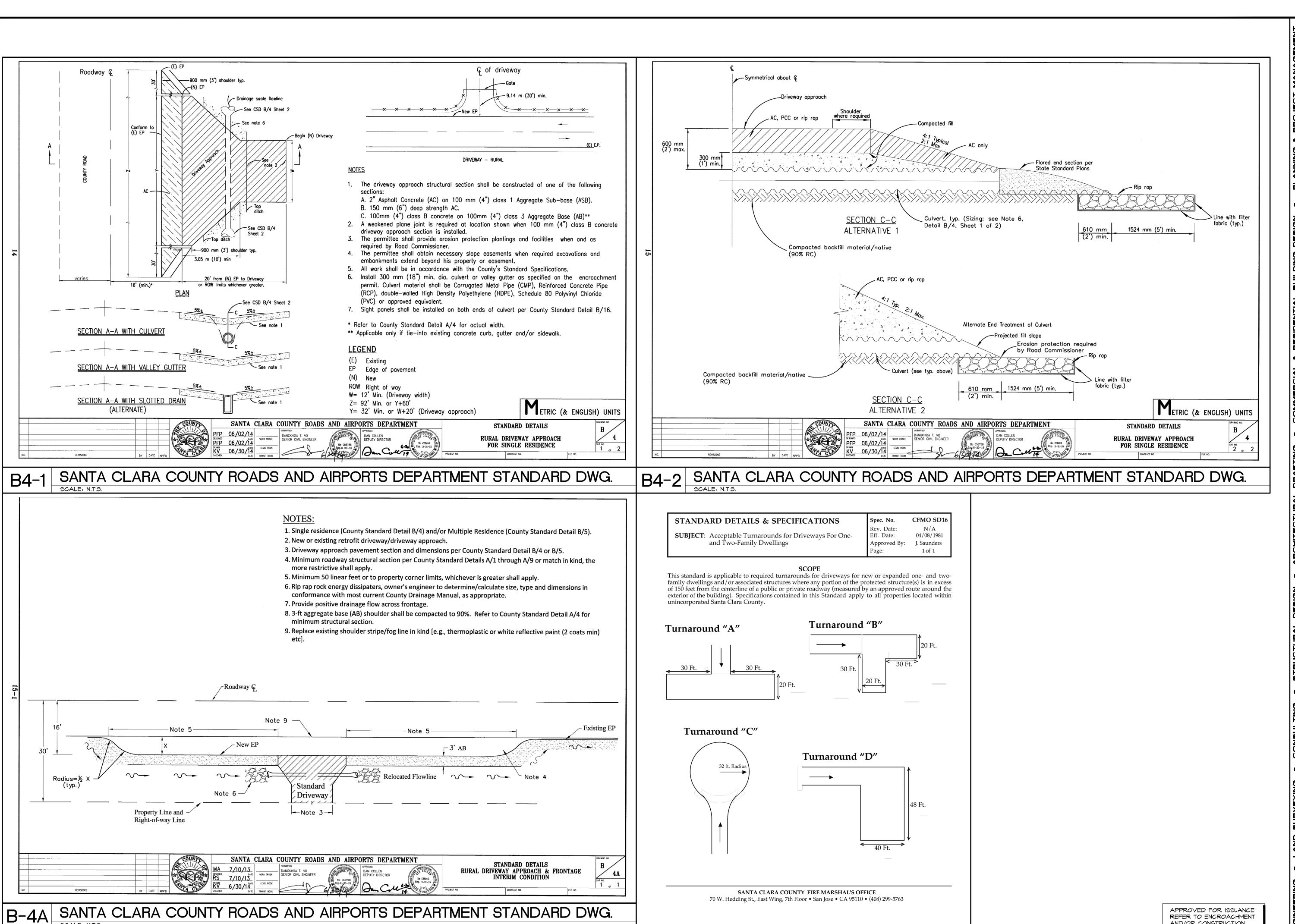
PLANNING SUBMITTAL #: PLAN CHECK SUBMITTAL #: DRAWN BY: CHECKED BY: NOTE ON PLANS

CVEAS JOB #:

SANTA CLARA COUNTY ROAD AND

AIRPORT STANDARDS

2/26/2024



SD-16 SCMO - FIRE TRUCK TURN-AROUND

APPROVED FOR ISSUANCE REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERING.

DATE SIGNED: 2/26/2024

SANTA CLARA COUNTY ROAD AND

AIRPORT STANDARDS

PLANNING SUBMITTAL #:

PLAN CHECK SUBMITTAL #:

2/26/2024

XX-XXX

XX-XXX

NOTE ON PLANS

CVEAS JOB # :

DRAWN BY:

CHECKED BY:

Revisions:

**CENTRAL VALLEY** 

ENGINEERING & SURVEYING, INC. 2511 LOGAN STREET Tel. (559) 891-8811

SELMA, CA 93662 Fax (559) 891-8815

WWW.CVEAS.COM Email: info@cveas.com

DENCI

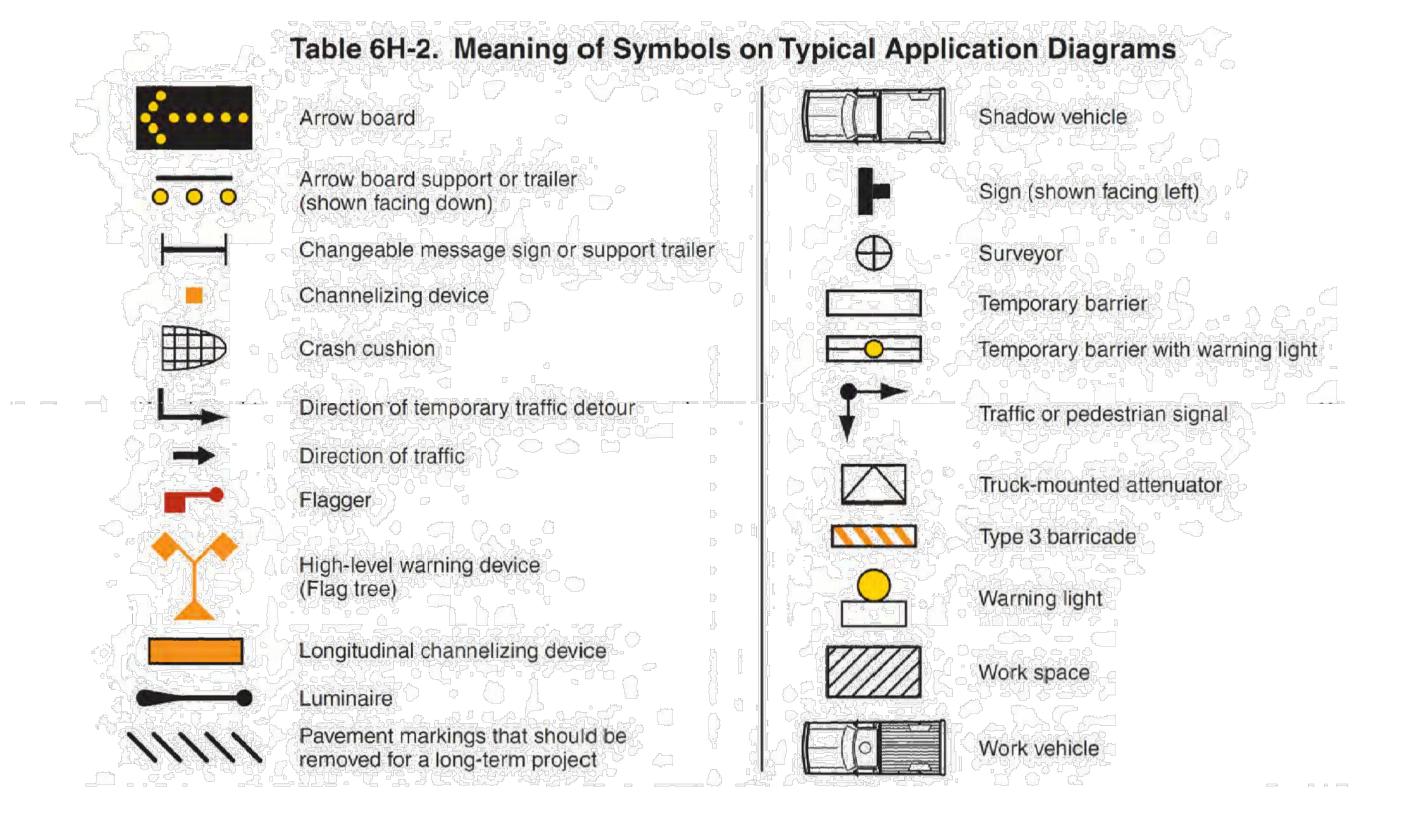


Table 6E-101(CA). Stopping Sight Distance as a Function of Speed on Downgrades. (Used as suggested longitudinal buffer space length or location for flagger station)

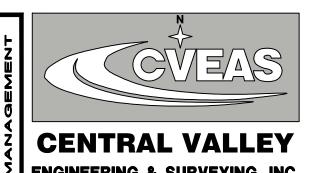
Speed	% Downgrade (Buffer Space)					
(mph)	-3% (feet)	-6% (feet)	-9% (feet)			
20	116	120	126			
25	158	165	173			
30	205	215	227			
35	257	271	287			
40	315	333	354			
45	378	400	427			
50	446	474	507			
55	520	553	593			
60	598	638	686			
65	682	728	785			
70	771	825	891			
75	866	927	1003			

* Exhibit 3-2. A Policy on Geometric Design of Highways and Streets, AASHTO, 2001, p.115.

- Use appropriate TCP as needed during construction depending on type of work (for example, to block a lane, block the shoulder, or work off of the shoulder without blocking it).
- See the County Road Book at <a href="www.countyroads.org">www.countyroads.org</a> to confirm "Local Road" classification ("Local Urban", "Local Rural" as shown in note 5a on intro page of County Road Book)
- These TCP sheets for use on Local Roads only. All other classifications require an engineered site-specific plan.

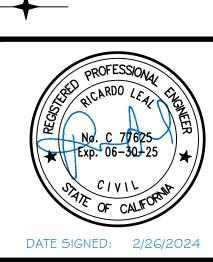
	COUNTR	COUNTY OF SA	ANTA CLARA ROADS AND	AIRPORTS DEPARTMENT	ОТ	ANDARD TRAFFIC COI	AITDOL DI ANG. LA		DRAWING No.
		5-2015 DESIGNED DATE	SUBMITTED:	APPROVED:	31	OCAL	TCP		
	1850	5-2015 DRAWN DATE							SHT No.
NO. REVISIONS BY DATE	APP'D	5-2015 CHECKED DATE			WORK ORDER No.	ADVERTISEMENT DATE:	CONTRACT No.	FILE No.	Scale

APPROVED FOR ISSUANCE REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERING.



2511 LOGAN STREET Tel. (559) 891-8811 SELMA, CA 93662 Fax (559) 891-8815 WWW.CVEAS.COM Email: info@cveas.com

SINGLE FAMILY RESIDENCE I EEP DHADWAL AND DOUGHERTY AVE.



SANTA CLARA COUNTY ROAD AND AIRPORT STANDARDS



#### Notes for Figure 6H-10 6H-10(CA) and 6H-10A(CA) — Typical Application 10 Lane Closure on a Two-Lane Road Using Flaggers

- 1. For low-volume (Refer to Part 5, Section 5A.01) situations with short work zones on straight roadways where the flagger is visible to road users approaching from both directions, a single flagger, positioned to be visible to road users approaching from both directions, may be used (see Chapter 6E).
- 2. The ROAD WORK AHEAD and the END ROAD WORK signs may be omitted for short-duration operations.
- 3. Flashing warning lights and/or flags may be used to call attention to the advance warning signs. A BE PREPARED TO STOP sign may be added to the sign series.

4. The buffer space should be extended so that the two-way traffic taper is placed before a horizontal (or crest vertical) curve to provide adequate sight distance for the flagger and a queue of stopped vehicles.

#### Standard:

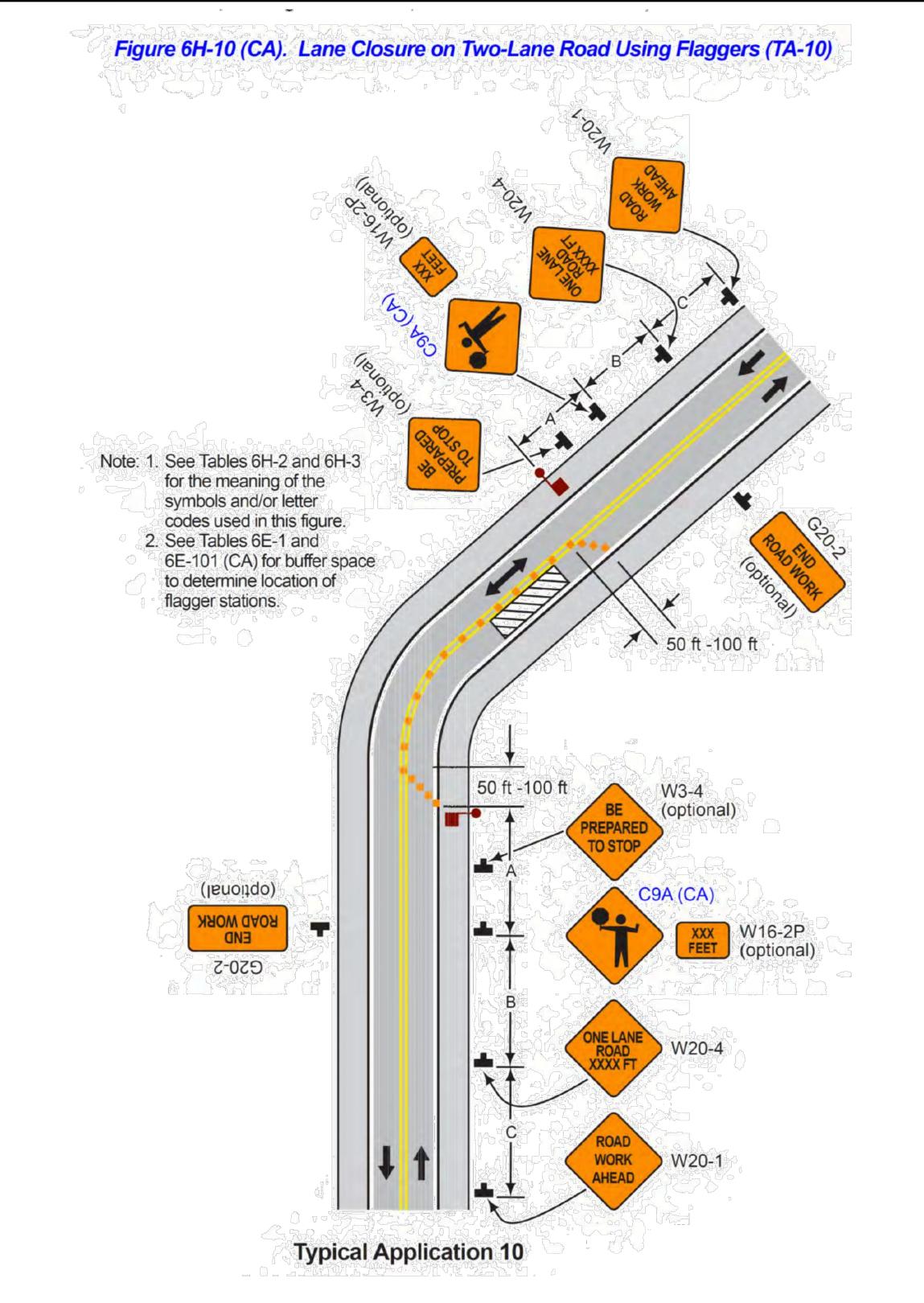
#### 5. At night, flagger stations shall be illuminated, except in emergencies.

#### Guidance:

- 6. When used, the BE PREPARED TO STOP sign should be located between after the Flagger sign and the ONE LANE ROAD sign.
- 7. When a grade crossing exists within or upstream of the transition area and it is anticipated that queues resulting from the lane closure might extend through the grade crossing, the TTC zone should be extended so that the transition area precedes the grade crossing.
- 8. When a grade crossing equipped with active warning devices exists within the activity area, provisions should be made for keeping flaggers informed as to the activation status of these warning devices.
- 9. When a grade crossing exists within the activity area, drivers operating on the left-hand side of the normal center line should be provided with comparable warning devices as for drivers operating on the right-hand side of the normal center line.
- 10. Early coordination with the railroad company or light rail transit agency should occur before work starts. Option:
- 11. A flagger or a uniformed law enforcement officer may be used at the grade crossing to minimize the probability that vehicles are stopped within 15 feet of the grade crossing, measured from both sides of the outside rails.

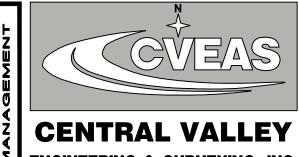
#### Support:

- 12. For State highways, see Caltrans' Standard Plan T13. See Section 1A.11 for information regarding this publication.
- 13. If portable transverse rumble strips are used for flagging operations, refer to Section 6F.87.



		COUNTIN	COUNTY OF S	ANTA CLARA ROADS AND	AIRPORTS DEPARTMENT		DRAWING No.			
			5-2015	SUBMITTED:	APPROVED:	STANDARD TRAFFIC CONTROL PLANS - LOCAL  LANE CLOSURE WITH FLAGGERS				TCP
			DESIGNED DATE  5-2015	E						SHT No.
NO.	REVISIONS BY DATE AF	PP'D	DATE DATE DATE	E 		WORK ORDER No.	ADVERTISEMENT DATE:	CONTRACT No.	FILE No.	OF Scale

APPROVED FOR ISSUANCE REFER TO ENCROACHMENT AND/OR CONSTRUCTION PERMIT AND PLAN COVER SHEET FOR SPECIAL CONDITIONS AND PERMIT NUMBERING.



ENGINEERING & SURVEYING, INC.

2511 LOGAN STREET Tel. (559) 891-8811 SELMA, CA 93662 Fax (559) 891-8815 WWW.CVEAS.COM Email: info@cveas.com

DENCE

RESI

DATE SIGNED: 2/26/2024

Revisions:

SANTA CLARA COUNTY ROAD AND AIRPORT STANDARDS

CVEAS JOB # : 2/26/2024 PLANNING SUBMITTAL #: PLAN CHECK SUBMITTAL #: CHECKED BY: NOTE ON PLANS