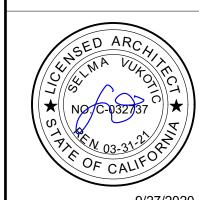
DESIGN REVIEW/ BUILDING SITE APPROVAL/ PRELIMINARY GRADING AND DRAINAGE PLAN/ SEPTIC SYSTEM PLAN SUBMITTAL

KASTURY RESIDENCE

3412 FOWLER RD. SAN JOSE, CA 95135

ABBREVIATIONS	VICINITY MAP	PROJECT INFORMATION PROJECT TEAM
REFER TO CONSULTANT DRAWINGS FOR ADDITION	ONAL ARREVIATIONS)	GEOTECHNICAL ENGINEER OWNER
C. TILE ACOUSTIC TILE DJ. ADJUSTABLE LAV. LAVA LUM. ALUMINUM LAM. LAMI. B. ANCHOR BOLT PPROX. APPROXIMATELY M.B. MACH. C. ASPHALTIC CONCRETE M.H. MANI. F.F. ABOVE FINISHED FLOOR MFG. MANI. LKG. BLOCKING MAX. MAXI. D. BOARD MECH. MECH. OT. BOTTOM MTL. META LDG. BUILDING MIN. MINI. B. CAST IRON (N) NEW. B. CATCH BASIN N.I.C. NOT. B. CATCH BASIN N.I.C. NOT. B. CEILING NO. or # NUMI. C. CENTER TO CENTER OBS. OBSC. B. CENTERLINE O.C. ON C. C. CEANOUT OPP. OPPE. CO. CLEANOUT OPP. OPPE. CO. CLEANOUT OPP. OPPE. CONC. CONCRETE ONS. CONCRETE PIPE ONST. CONSTRUCTION HEART P.A.F. POW. J. CONSTRUCTION JOINT ONT. CONTINUOUS PLAST. TIR. CONSTRUCTION JOINT ONT. CONTINUOUS PLAST. TIR. CONSTRUCTION JOINT ONT. CONTINUOUS PLAST. TIR. COUNTER SUNK PROPE. CAS. PLAS. PAIR A. DISABLED ACCESS P.L. PROF. II. CAS DIAMETER DIAMETER DIAMETER DIAMETER DIAMETER DIAMETER P.V.C. POLY	VATORY MINATE VATORY MINATE DVERFELT NUCLINE BOLT NUCLINE BOLT NUCLINE BOLT NUCLINE BOLT NUCLINE SONRY OPENING TERRAL XIMMIN XIM	APN 660 33 00.9
DR. DOOR R.W.L. RAIN D.S. DOWNSPOUT RWD./R.W. REDW DWG. DRAWING R.C.P. REIN D.F. DRINKING FOUNTAIN PIPE and/or DOUGLAS FIR REINF. REINF. REQ'D REQU EA. EACH R.D. ROO! E.W. EACH WAY RM. ROO! ELECT. ELECTRIC or ELECTRICAL R.O. ROU! E.W.C. ELECTRIC WATER RND. or Ø ROU! COOLER R.H.M.S. ROU! EL. or ELEVATION SCRE ELEV. R.H.W.S. ROU! ENCL. ENCLOSE and/or SCRE EQ. EQUAL S.T.S.M.S. SELF EQUIP. EQUIPMENT META (E) EXISTING SHEATH. SHEA EX. EXPANSION SHT. SHEA EXP. EXPOSED S.O.V. SHUI EXT. EXTERIOR	ADJUS AND WATER LEADER DWOOD DWOOD DWOOD DWOOD DWOOD PRAIN DWO DWO	TIC SYSTEM AND LEACH FIELD A.5. SECOND FLOOR PLAN
F.O.C. FACE OF CONCRETE SPEC. SPEC. F.O.M. FACE OF MASONRY SQ. or Ø SQUA F.O.S. FACE OF STUD S.S. STAN FIN. FINISH STD. STAN F.E. FIRE EXTINGUISHER STL. STEE	DLID CORE PECIFICATIONS DUARE AINLESS STEEL ANDARD FEL FRUCTURAL	A-9 SECTIONS A-10 SECTIONS AND 3-D VIEWS C1 GRADING AND DRAINAGE PLAN C2 GRADING AND DRAINAGE PLAN
F.H.C. FIRE HOSE CABINET TEL. TELE F.H.M.S. FLAT HEAD METAL T.T.B. TELE SCREW F.H.W.S. FLAT HEAD WOOD SCREW TERR. TERR FL. or FLR. FLOOR T.&G. TONG F.D. FLOOR DRAIN T.J. TOOL FTG. FOOTING T.O.B. TOP OF OR	LEPHONE LEPHONE LEPHONE TERMINAL JORD RRAZZO ONGUE & GROOVE OLGED JOINT OF BEAM IP OF CURB CONCRETE IP OF STEEL SHEATHING IP OF STEEL SHEATHING IP OF WALK IP OF WALK IP OF WALK IP OF WALK INT THROUGH ROOF RRICAL RICAL GRAIN INT CONSTRUCTION REQ. FOR WILDLAND URBAN INTERFROOF ITH THOUT MIN CONSTRUCTION REQ. FOR WILDLAND URBAN INTERFROE ZO A MIN 26 GA GALV VALLEY FLASHING OVER MIN 90# MINERAL SURFACED NON PERFORATEDD CAP SHEET MIN 36" WIDE CLASS A ROOFING MIN 26 GA GALV VALLEY FLASHING OVER MIN 90# MINERAL SURFACED NON PERFORATEDD CAP SHEET MIN 36" WIDE CAP SHEET MIN 36" WIDE GUTTERS SHALL BE PROVIDED WITH A MEANS TO PREVENT THE ACCUMULATION OF LEAVES AND DEBRIS ANTI C VENTILATION VENTS SHALL HAVE A MIN OF 1/16" OPENINGS AND A MAX OF 1/8" & BE NONCOMBUSTIBLE & CORRISION RESISTANT ALL WINDOWS AND EXTERIOR GLAZED DOORS SHALL BE PROTECT WITH HARDIE SOFFIT ALL WINDOWS AND EXTERIOR GLAZED DOORS SHALL BE PROTECT WITH HARDIE SOFFIT ALL WINDOWS AND EXTERIOR GLAZED DOORS SHALL HAVE A FIRE RESISTANT RATING OF 20 MINUTES AND TEMPERED GLASS. DECKING SHALL BE PROTECTED PER SECTION R327.0 PRIOR TO BUILDING PERMIT FINAL APPROVAL, THE PROPERTY SHALL BE IN COMPLIANCE WITH THE VEGETATION MANAGEMENT REQUIREMENTS PRESCRIBED IN THE CALIFORNIA FIRE COD SECTION 4906; INCLUDING CALIFORNIA PUBLIC RESOURCES CODE 4291 OR CAL. GOVERNMENT CODE SECTION 51182 ATER CLOSET THE HEATER ATER HEATER ATER HEATER ATER HEATER ATER HEATER ATER HEATER THE HEATER THOUGH THE THE THREE MATER HEATER THE HEATER THE HEATER THOUGH THE THREE MATER HEATER THE HEATE	C3 GRADING AND DRAINAGE PLAN C4 GRADING AND DRAINAGE PLAN C5 GRADING AND DRAINAGE PLAN C6 GRADING AND DRAINAGE PLAN OWTS 1 SEPTIC TANK DESIGN OWTS 2 SEPTIC TANK DESIGN OWTS 2 SEPTIC TANK DESIGN



Sheet Scale : AS NOTED

Drawn By VAC Reviewed By SV

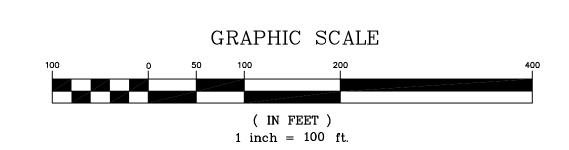
9/27/2020

3412 FOWLER RD, SAN JOSE CA 95135

PARCEL AREA 1,502,393.71 59.ft. 34.49 acres

SEE SHEET 2

SEE SHEET 3



SURVEYOR'S CERTIFICATE

- I, KACIE A. PLOUFF, CERTIFY THAT I AM LICENSED AS A PROFESSIONAL LAND SURVEYOR IN THE STATE OF CALIFORNIA (REF. NO. 9013)
 I FURTHER CERTIFY THAT THIS PLAT REPRESENTS THE RESULTS OF A TOPOGRAPHIC SURVEY CONDUCTED UNDER MY SUPERVISION AT THE REQUEST OF THE CLIENT.



NCA-20-055

1 OF 3

LEGAL DESCRIPTION

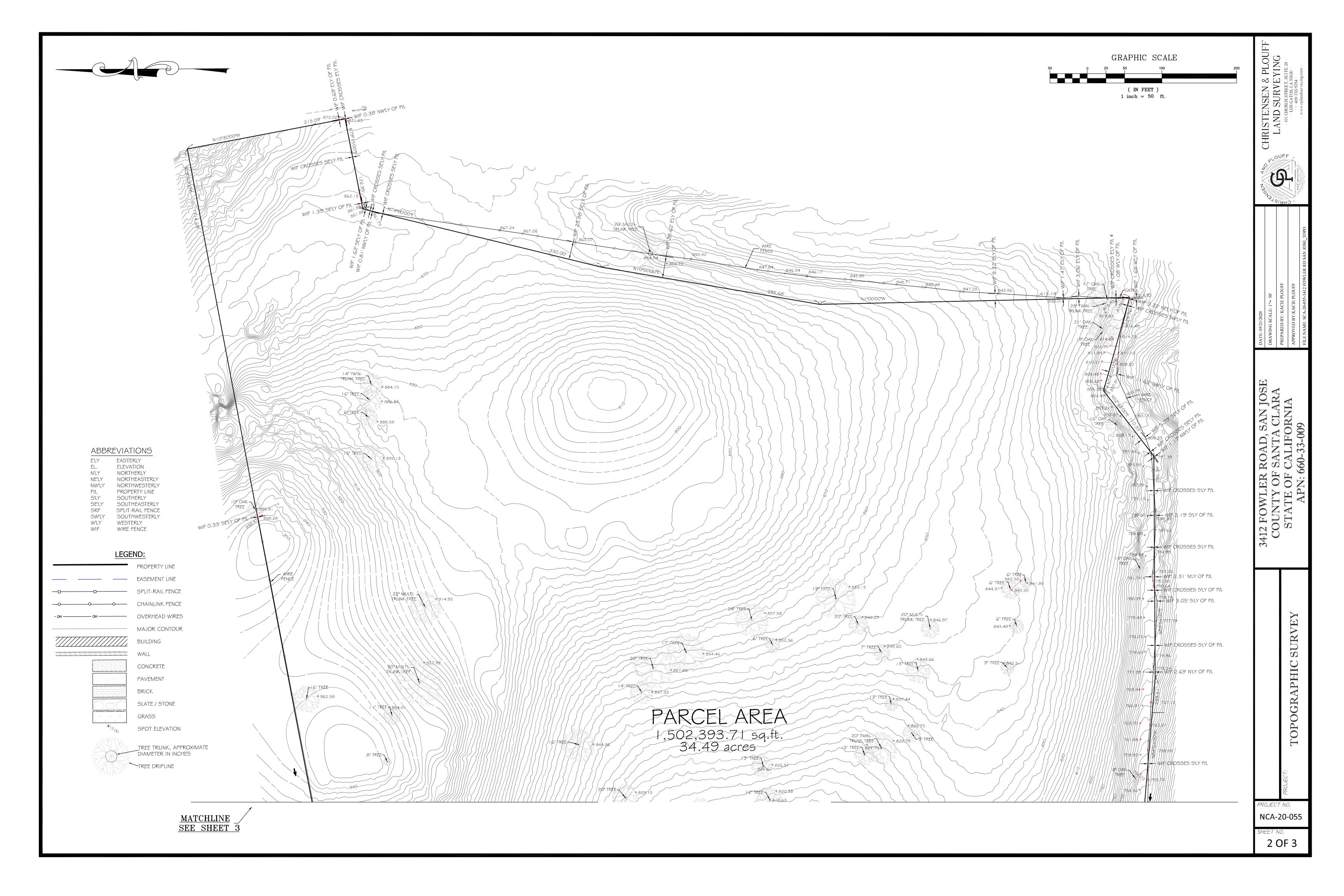
LOT "FURTADO" OF RECORD OF SURVEY RECORDED IN BOOK 757 PAGE 10 OF SANTA CLARA COUNTY RECORDS

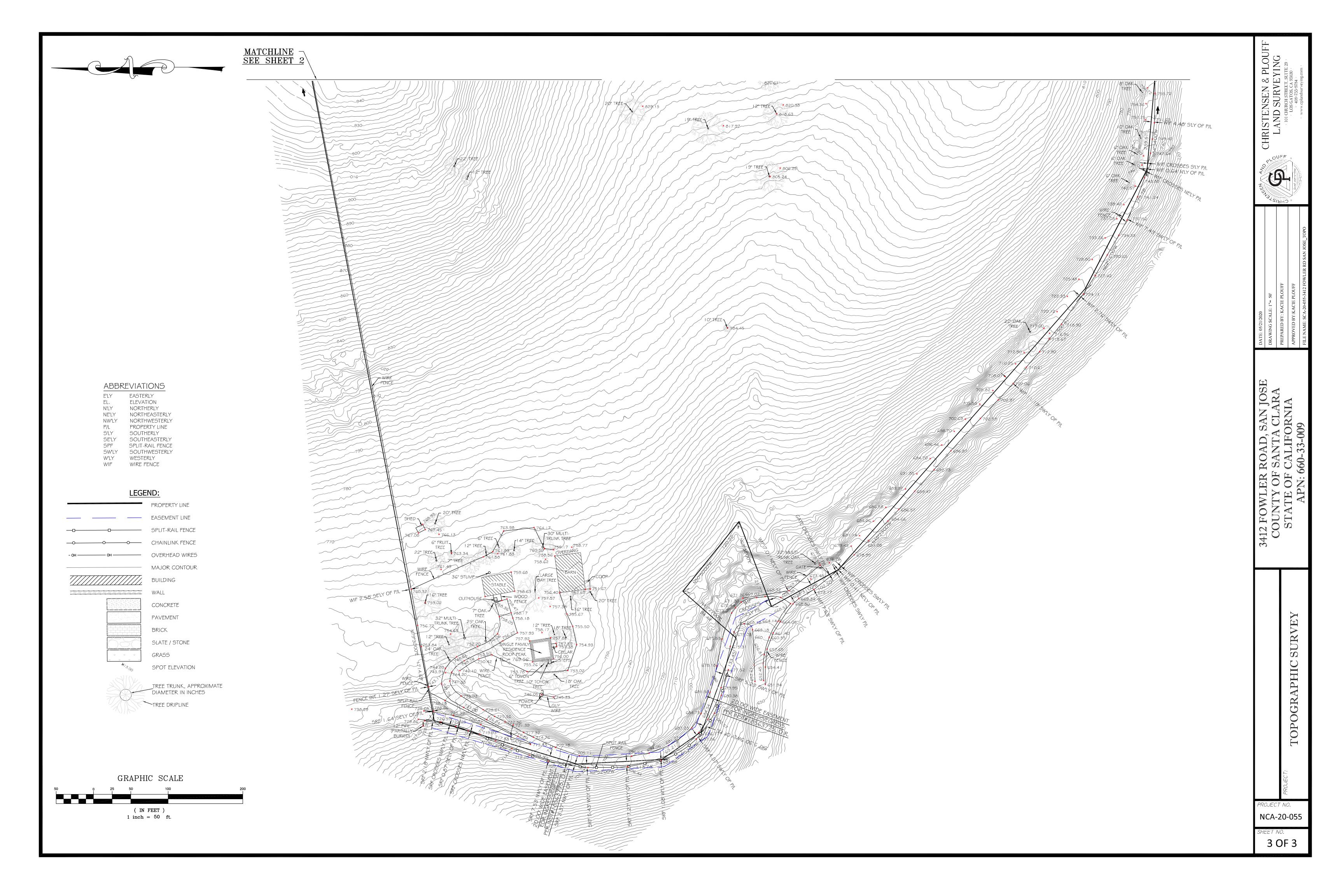
SURVEYOR'S NOTES

1. PROJECT BENCHMARK: ELEVATIONS ARE ON NAVD 1988 DATUM FROM GPS OBSERVATION OF NAD 83 MONUMENTS.

2. ONLY TREES 6" AND ABOVE WERE LOCATED ON THIS SURVEY, SMALLER TREES AND SHRUBS ARE NOT SHOWN.

3. DISTANCES SHOWN HEREON AREA EXPRESSED IN FEET AND DECIMALS THEREOF.





GENERAL NOTES

A. THE APPLICANT/ CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY'S ENGINEERING DIVISION PRIOR TO THE START OF WORK WITHIN ANY CITY'S

B. DIMENSIONS ARE TO THE FACE OF BUILDING, CURBS OR SPACES UNO.

C. VERIFY EXIST CONDITIONS IN THE FIELD. REPORT ANY DISCREPANCIES TO THE ARCHITECT.

DRAINAGE NOTES

1- ALL DOWNSPOUTS AND FOUNDATION PERIMETER DRAINS TO BE CONNECTED TO SPLASH BLOCKS AWAY FROM BUILDING 2- SURFACE DRAINAGE TO FLOW THROUGH GRASS SWALES

3-SLOPE GRADE AWAY FROM BUILDING 5% FOR A DISTANCE OF 5' AWAY FROM BUILDING. PROVIDE 2% SLOPE ON IMPERVIOUS

4- ENSURE PROPER LOT DRAINAGE PER CHAPTER 11 CPC 2016 FOR LOCATION OF CATCH BASINS TO THE PROPERTY LINES. 5-THE RUNOFF SHOULD REMAIN ON THE PROPERTY NOT BE TAKEN TO A PUBLIC WAY.



---- SETBACK LINE.

WHARF HYDRANT

Drawn By VAC

Sheet Scale : AS NOTED

Reviewed By SV

9/25/2020

Revision Revision

Revision

Revision

FOWLER RD, SAN JOSE CA 95135

A-1

20715 MOUNTAIN DRIVE, CA 95120 T-408.421.1833 www.vacarch.com ★ No./C-032737

GRAPHIC KEY: (N) ASPHALT ROAD, REFER TO CIVIL PLANS. (N) CONCRETE PAVED AREA (N) DECK (N) PERMEABLE SURFACE AREA (N) LANDSCAPED AREA ASSUMED EASEMENT COAST LIVE OAK FOREST AND WOODLAND — PROPERTY LINE.

Sheet Scale : AS NOTED





GENERAL NOTES

- A. THE APPLICANT/ CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE CITY'S ENGINEERING DIVISION PRIOR TO THE START OF WORK WITHIN ANY CITY'S RIGHT-OF-WAY.
- B. DIMENSIONS ARE TO THE FACE OF BUILDING, CURBS OR SPACES
- C. VERIFY EXIST CONDITIONS IN THE FIELD. REPORT ANY DISCREPANCIES TO THE ARCHITECT.

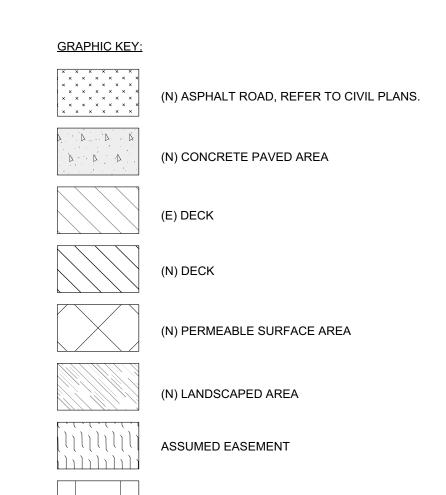
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5-THE RUNOFF SHOULD REMAIN ON THE PROPERTY NOT BE TAKEN TO A PUBLIC WAY.

3-SLOPE GRADE AWAY FROM BUILDING 5% FOR A DISTANCE OF 5' AWAY



COAST LIVE OAK FOREST AND WOODLAND

WHARF HYDRANT

HARDSCAPE/ LANDSCAPE SURFACE AREAS:

PROPERTY LINE.

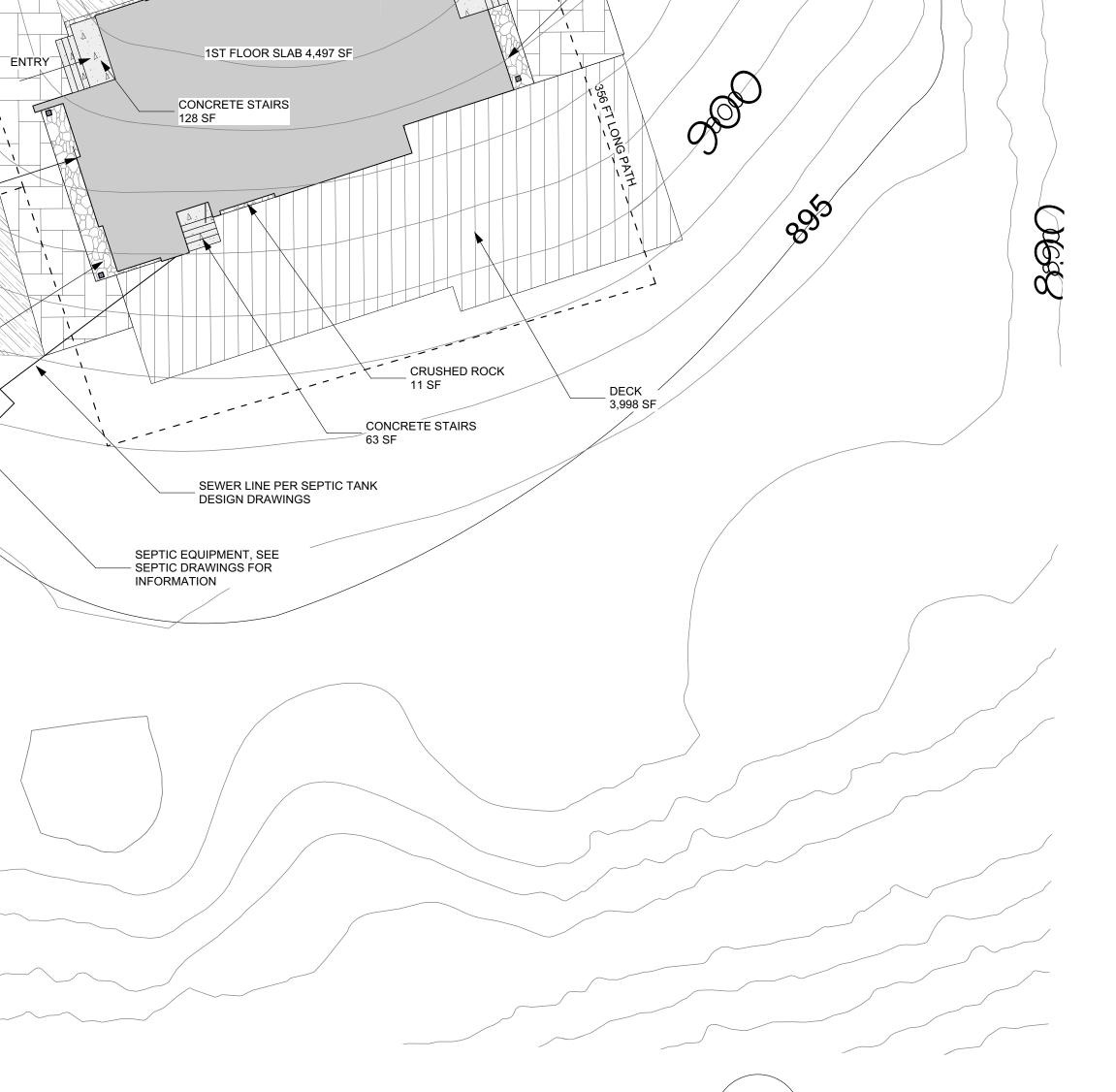
---- SETBACK LINE.

CONCRETE:
668 SF - POOL DECK
1,310 SF - GARAGE SLAB
4,497 SF - NEW RESIDENCE SLAB
347 SF - MISC
TOTAL: 6,822 SF

PERMEABLE SURFACE AREA TOTAL: 12,894 SF

LANDSCAPED AREA TOTAL: 3,729 SF

DECK TOTAL: 3,998 SF



CRUSHED ROCK

CRUSHED ROCK

CONCRETE STAIRS

CRUSHED ROCK

128 SF

156 SF

56 SF

PROPOSED 6x 5000

HOLDING TANKS FOR FIRE DEPARTMENT

POOL CANOPY

POOL DECK

OUTDOOR COVER CANOPY -

FIRE APPARATUS TURNAROUND, MIN 32 FT/-

TURNING RADIUS

GALLONS WATER

1X3000 GALLONS PRESSURIZED WATER TANK FOR RESIDENCE

► 500000

SLAB 1,310 SF

COURTYARD

LANDSCAPED AREA 1,590 SF

DRIVEWAY

LANDSCAPED AREA 1,442 SF

CRUSHED ROCK 188 SF

PERMEABLE AREA

___12,272 SF TOTAL

PE = 895 FF = 897

SPRINKLER SYSTEM

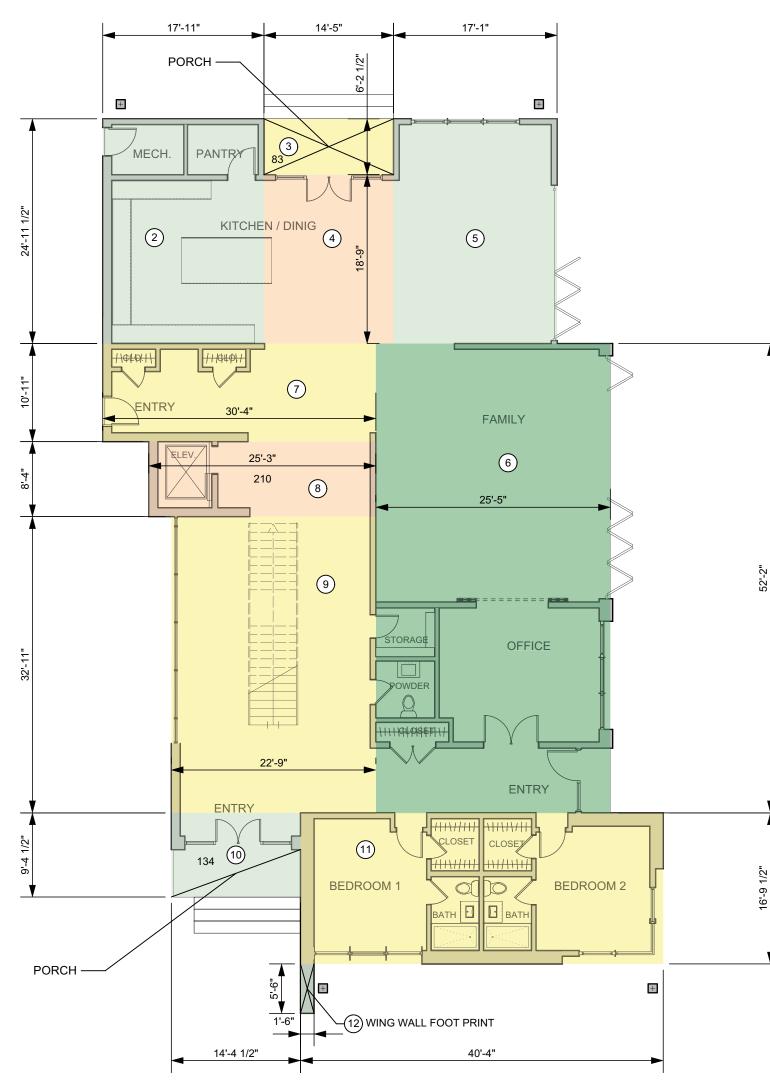
CONCRETE PAD -

LANDSCAPED

AREA 697 SF

★ NO./C-032737

KASTURAY 3412



FIRST FLOOR AREA DIAGRAM
Scale: 3/32" = 1'-0"

23'-3 1/2"

GARAGE 1

CARPORT



LOT SIZE (GROSS): ZONING: HS-D1 33.67 ACRES <u>NEW</u> 2 STORY RESIDENCE: GARAGE; 11,761 SF 728 SF 12, 469 SF

FAR

I OOD ADEA CALCI	II ATION		
LOOR AREA CALC	JLATION	+	
SECTION # (SHAPE)	SIDE A	SIDE B	FLOOR AREA OF SECTION FOOTPRINT
01- RECTANGLE	23'-3 1/2"	31'-3 1/2"	728 sq.ft.
			TOTAL GARAGE
			728 sq.ft.
02- RECTANGLE	17'-11"	24'-11 1/2"	447 sq.ft.
03- RECTANGLE	14'-5"	6'-2 1/2"	83 sq.ft.
04- RECTANGLE	14'-5"	18'-9"	270 sq.ft.
05- RECTANGLE	17-1"	24'-11 1/2"	427 sq.ft.
06- RECTANGLE	25'-5"	52'-2"	1,329 sq.ft.
07- RECTANGLE	30'-4"	10'-11"	330 sq.ft.
08- RECTANGLE	25'-3"	8'-4"	210 sq.ft.
09- RECTANGLE	22'-9"	32'-11"	748 sq.ft.
10- RECTANGLE	14'-4 1/2"	9'- 4 1/2"	134 sq.ft.
11- RECTANGLE	40'-4"	16'- 9 1/2"	677 sq.ft.
12- RECTANGLE	1'-6"	5'-6"	8 sq.ft.
			TOTAL 1ST FLOOR
			4,663 sq.ft.
13- RECTANGLE	25'-0"	56'-9"	1,419 sq.ft.
14- RECTANGLE	27'-2"	13'-1"	356 sq.ft.
15- RECTANGLE	2'-0"	2'-0"	4 sq.ft.
16- RECTANGLE	51'-6"	30'-3"	1,551 sq.ft.
17- RECTANGLE	30'-9"	10'-3"	311 sq.ft.
18- RECTANGLE	20'-9"	14'-11"	308 sq.ft.
19- RECTANGLE	24'-7"	7'-4"	180 sq.ft.
20- RECTANGLE	21'-10"	25'-2"	542 sq.ft.
21- RECTANGLE	31'-11"	12'-10"	406 sq.ft.
22- RECTANGLE	31-11"	33'-1 1/2"	1037 sq.f.t
23- RECTANGLE	25'-7"	18'-1"	459 sq.ft.
24- RECTANGLE	40'-1 1/2"	11'-1 1/2"	443 sq.ft.
25- RECTANGLE	6'-2"	9'-3"	57 sq.ft.
26- RECTANGLE	2'-0"	2'-0"	5 sq.f.t
			TOTAL 2ND FLOOR
			7,078 sq.ft.
			TOTAL AREA

12,469 sq.ft.

51'-6"

LIVING ROOM

BEDROOM 4

__ BEDROOM 6

CLOSET

40'-1 1/2"

CLOSET

BEDROOM 8

BEDROOM 7

LIVING ROOM

BEDROOM 9

BALCONY

BEDROOM 3

BEDROOM 5

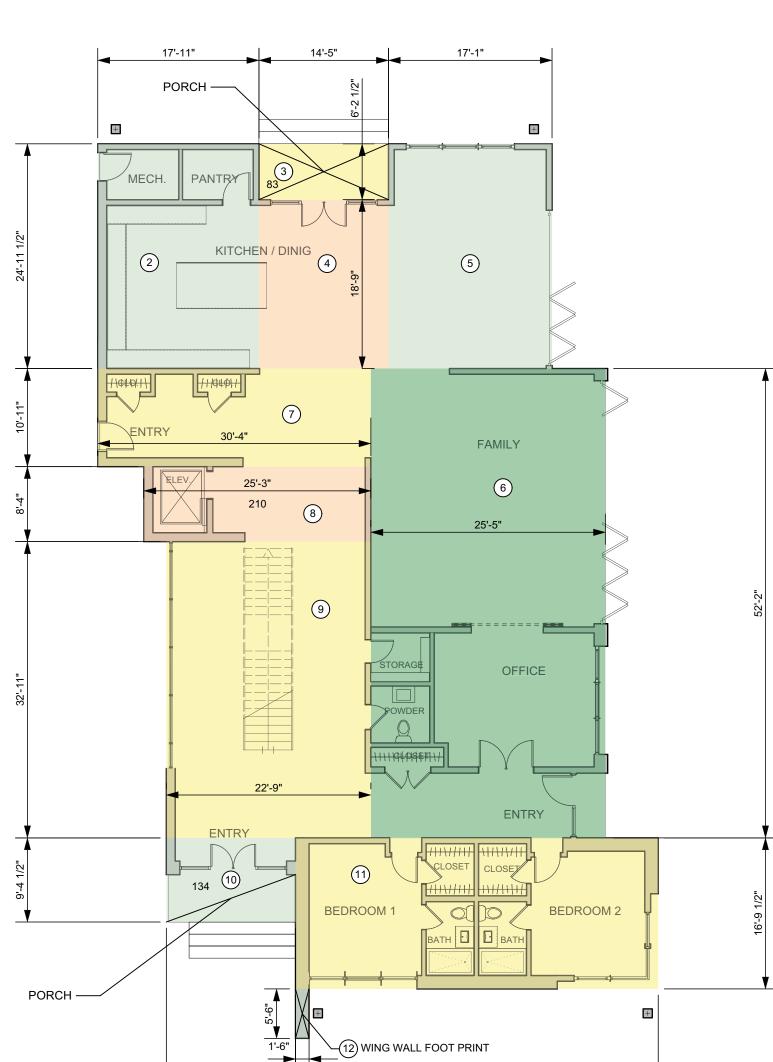
POJA

27'-2"

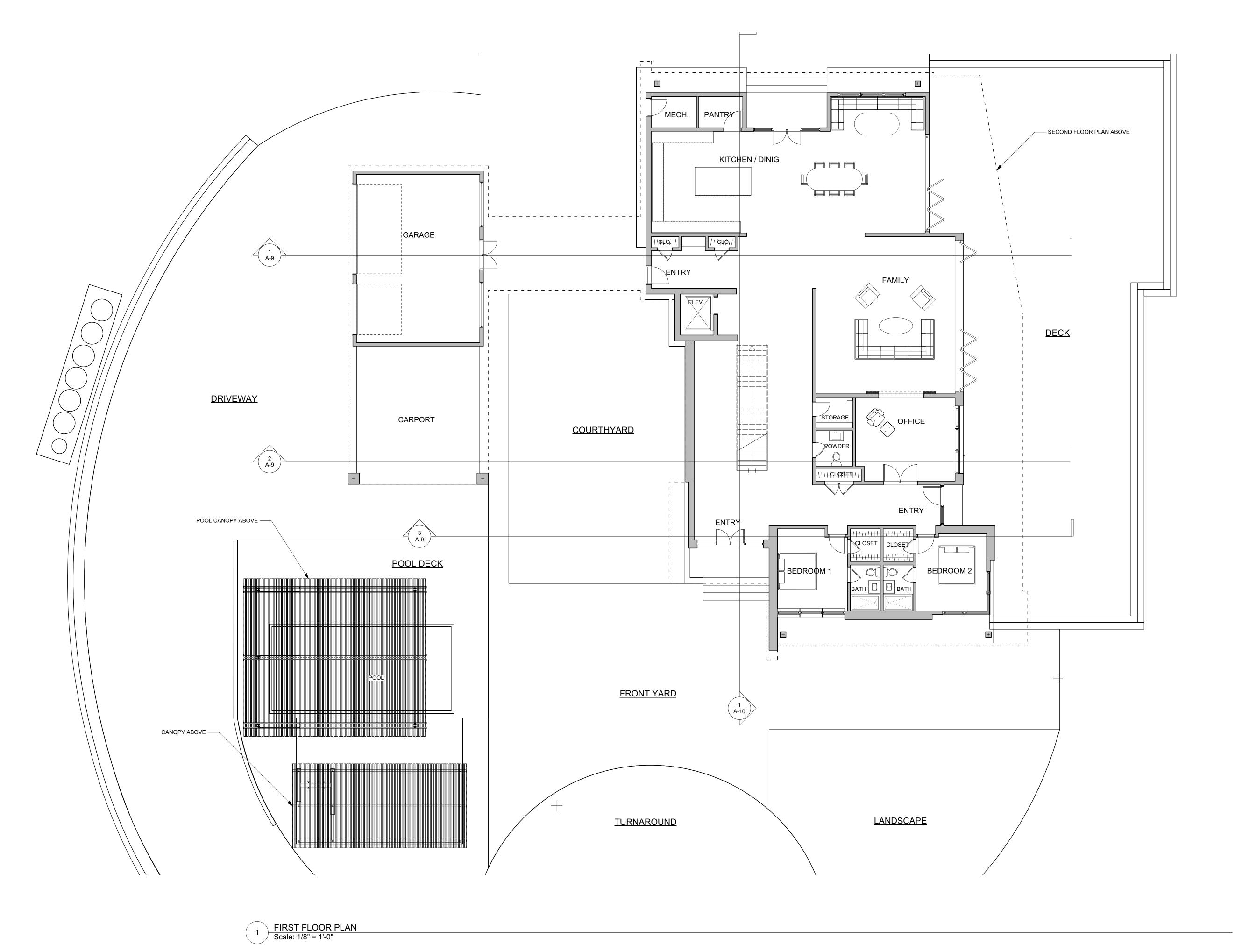
(14) GALERY

GYM

THEATER

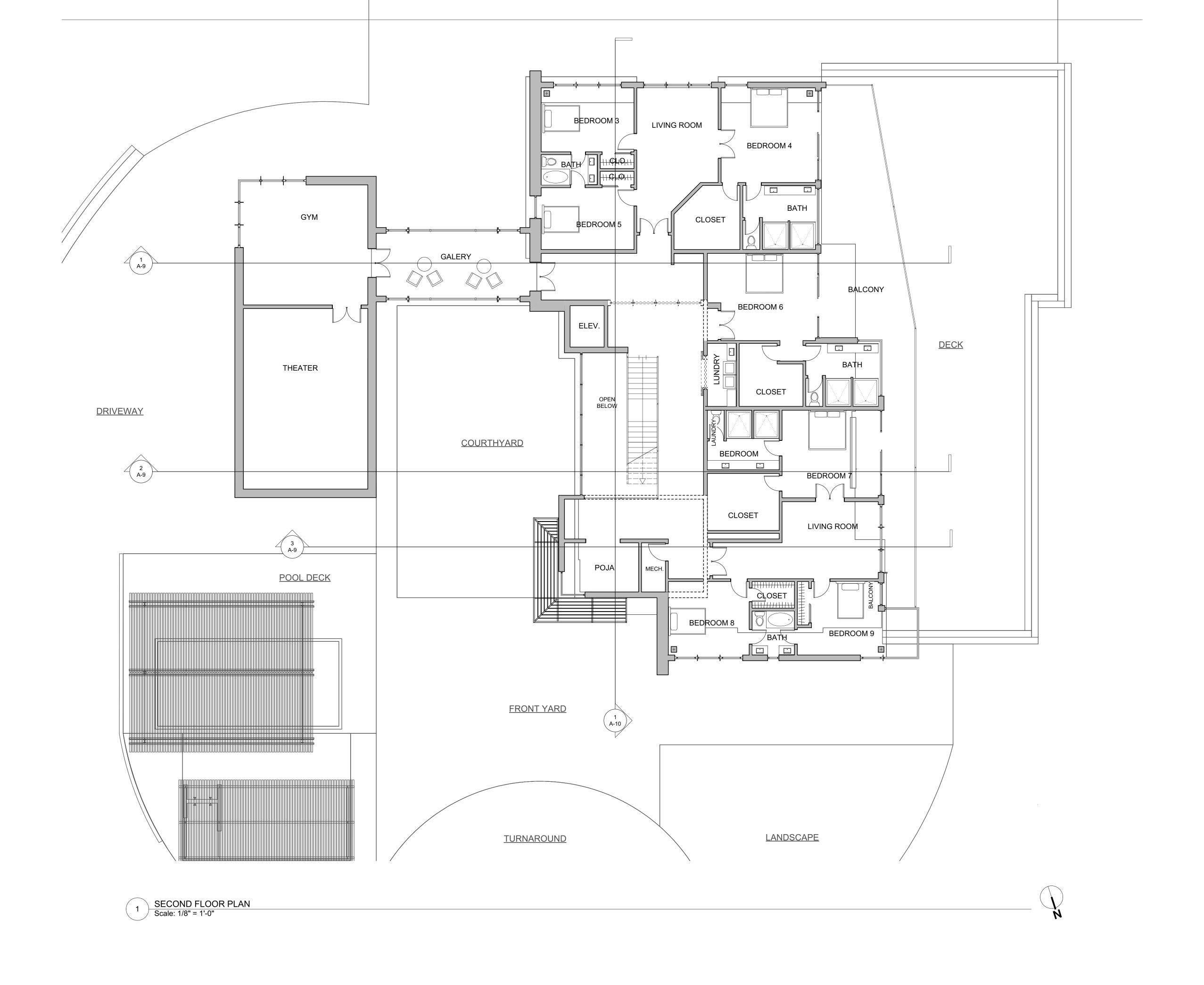


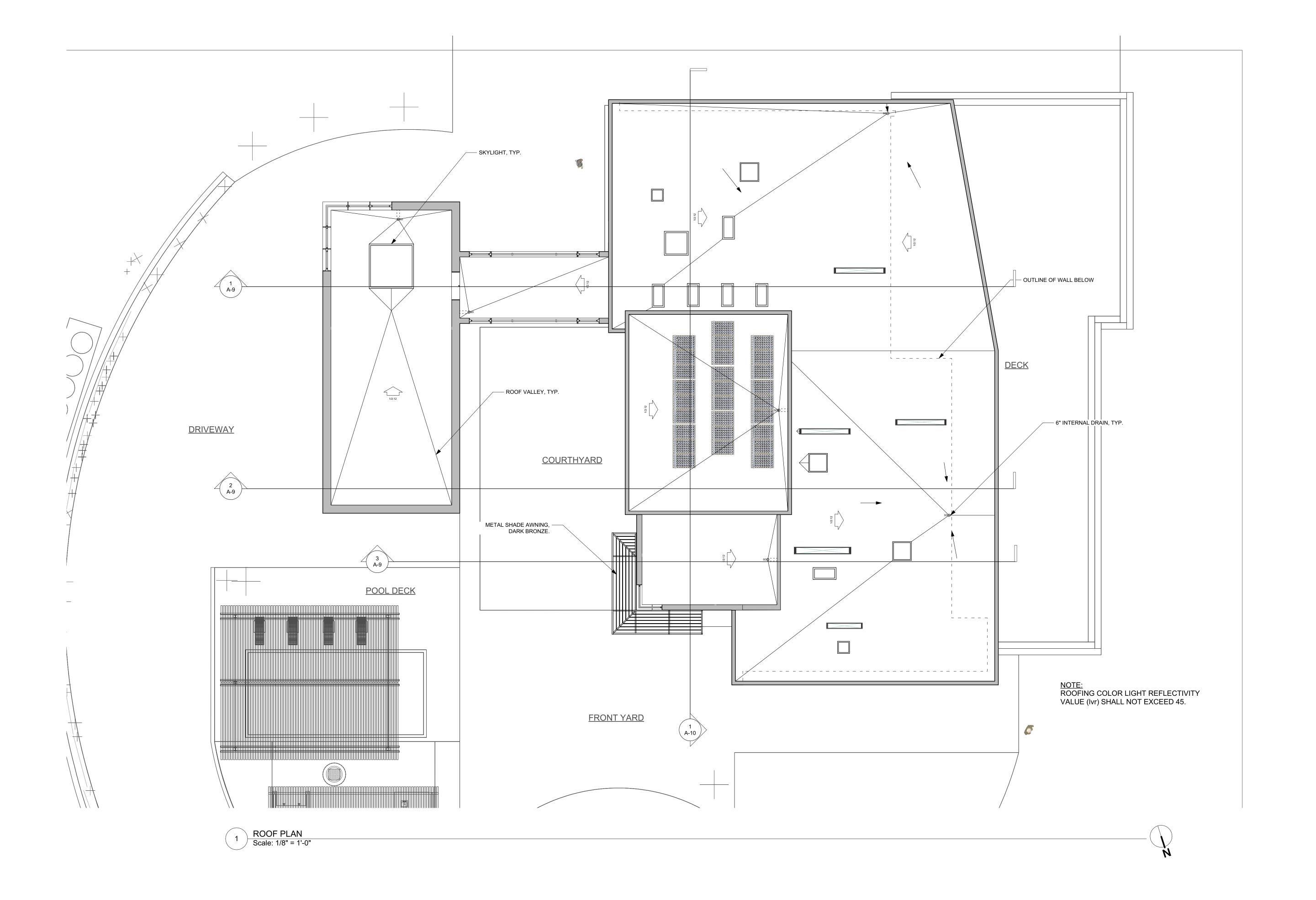
Revision











Sheet Scale : AS NOTED Drawn By VAC

Reviewed By SV 9/25/2020

Revision

Revision

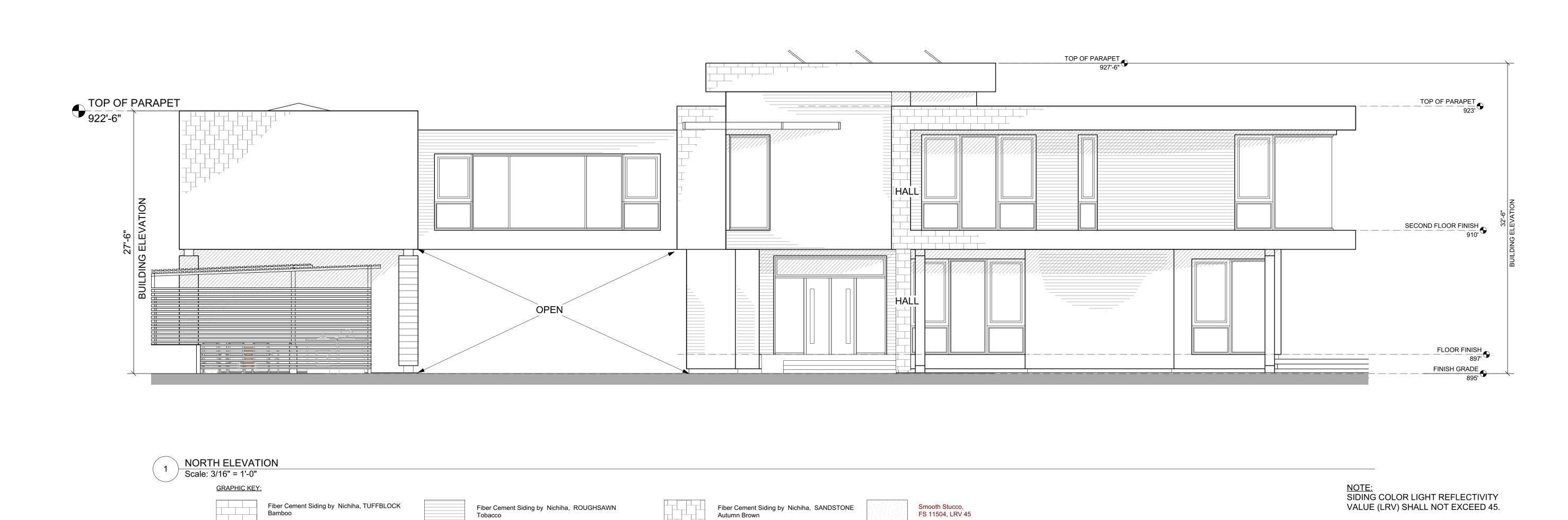
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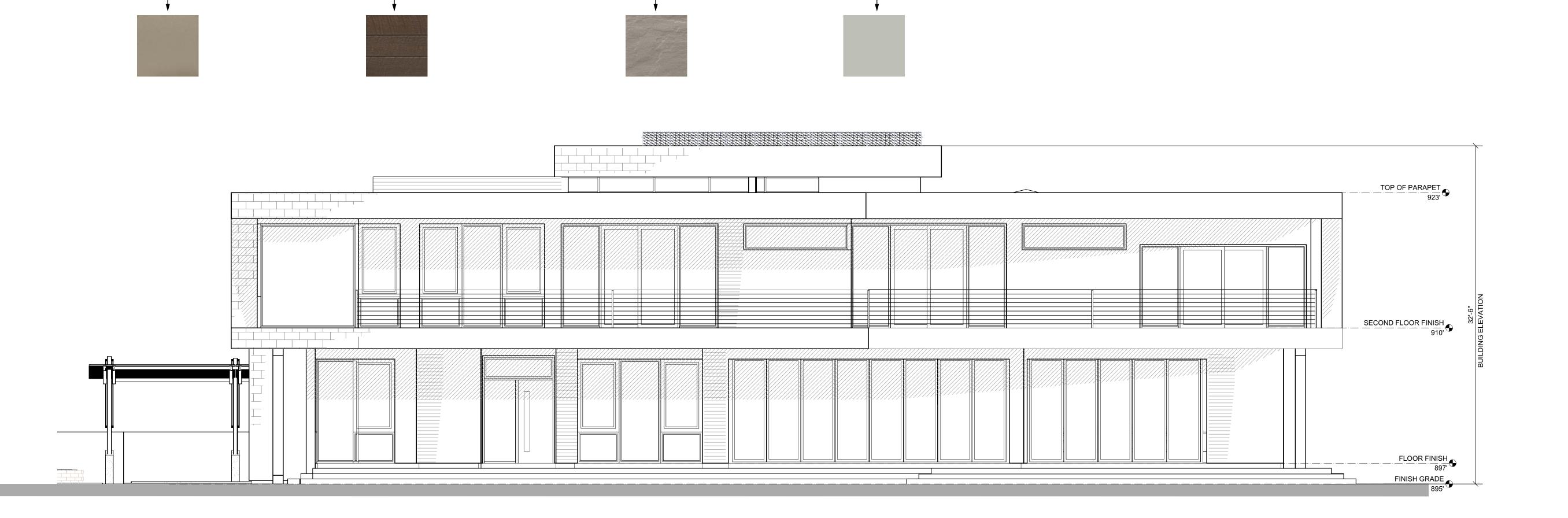
Revision

3412 FOWLER RD, SAN JOSE CA 95135 KASTURAY RESIDENCE

EXTERIOR ELEVATIONS

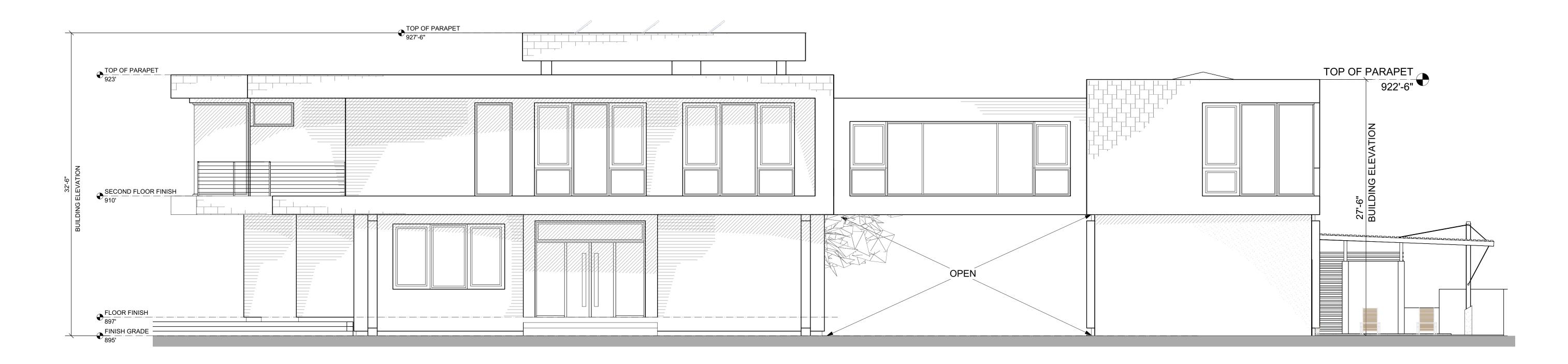
A-7

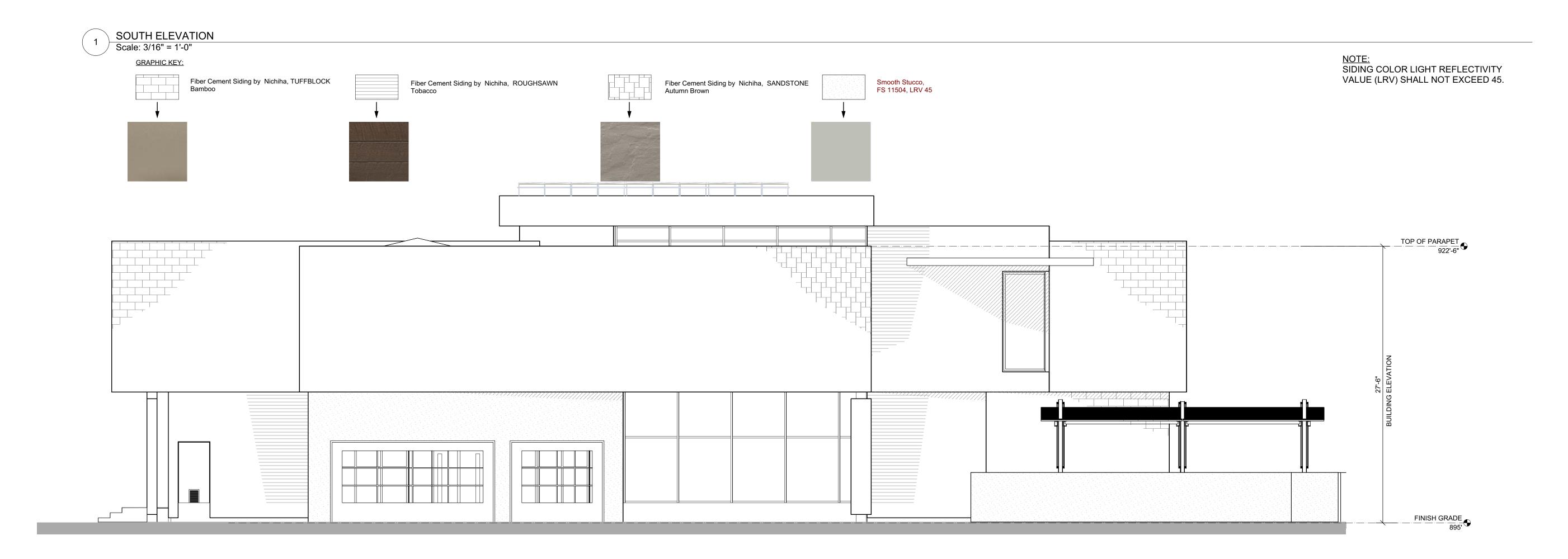


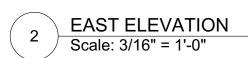


★ NO./C-032737

Revision







KASTURAY RESIDENCE

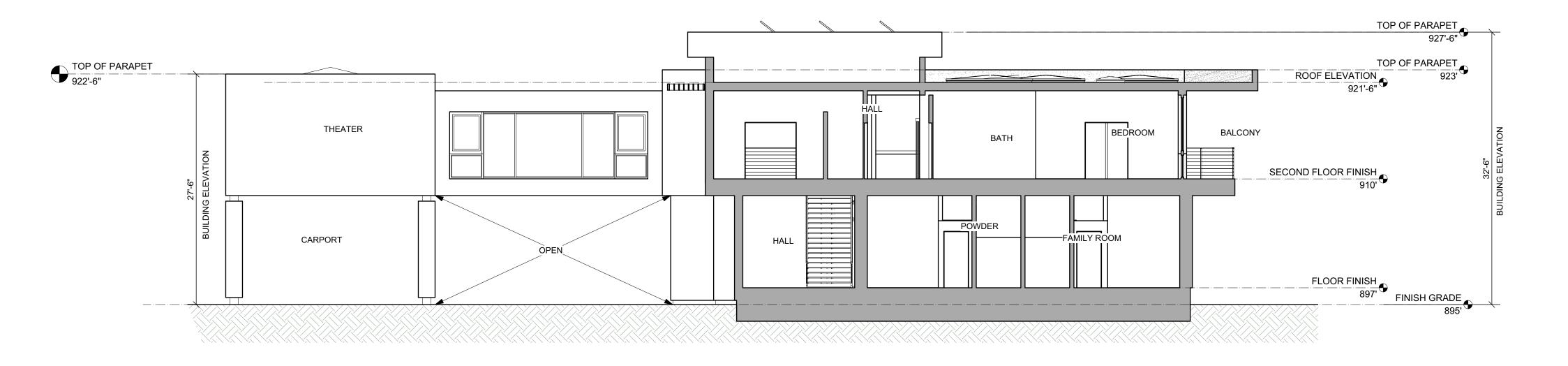
3412 FOWLER RD, SAN JOSE CA 95135

SECTIONS





HALL



POWDER

 $\overline{}$

FAMILY ROOM

FLOOR FINISH
897'
FINISH GRADE
895'

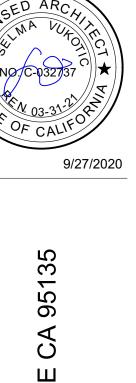
3 SECTION
Scale: 1/8" = 1'-0"

CARPORT

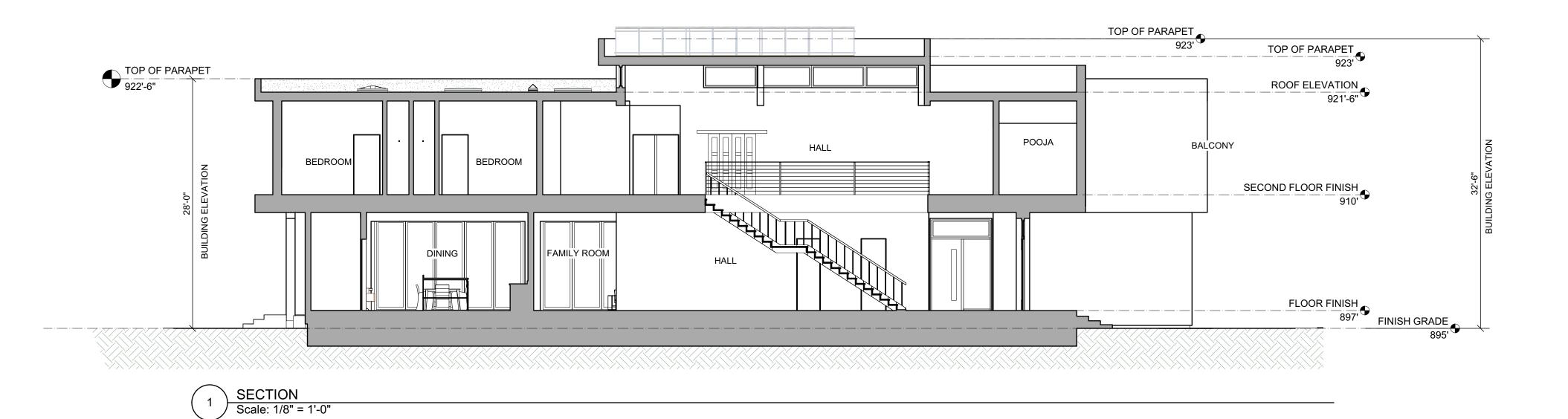
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GENERAL CONDITIONS

- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS AND/OR GEOTECHNICAL REPORT PREPARED BY GEOENGINEERING CONSULTANTS (GEC), 4125 BLACKFORD AVENUE, SUITE 145, SAN JOSE, CA 95117 AND DATED SEPTEMBER. 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 AUTHORIZED BY THE LAND DEVELOPMENT OFFICE IN ACCORD WITH PROVISIONS 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.

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
- PROPER CONSTRUCTION STAKES SHALL BE SET IN THE FIELD BY THE PROJECT ENGINEER OR LAND SURVEYOR AND VERIFIED BY THE COUNTY INSPECTOR PRIOR TO THE COMMENCEMENT OF GRADING.

CONSTRUCTION INSPECTION

- CONTRACTOR SHALL NOTIFY PERMIT INSPECTION UNIT, SANTA CLARA COUNTY 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. THE 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

SITE PREPARATION (CLEARING AND GRUBBING)

- AREAS TO BE IMPROVED WILL BE REMOVED TO AN AUTHORIZED DISPOSAL SITE AS A) TO A MINIMUM DEPTH OF TWO FEET BELOW THE FINISHED GRADE OF
 - PROPOSED ROADWAYS (EITHER PRIVATE OR TO BE DEDICATED TO B) FROM AREAS AFFECTED BY THE PROPOSED GRADING EXCEPT WHERE

EXISTING TREES AUTHORIZED FOR REMOVAL, ROOTS, AND FOREIGN MATERIAL IN

- 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 & BACKFILL

- 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 UTILITIES. 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 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.

RETAINING WALLS

- REINFORCED CONCRETE AND CONCRETE MASONRY UNIT RETAINING WALLS SHALL HAVE FOUNDATION AND REINFORCEMENT INSPECTED BY THE COUNTY ENGINEERING INSPECTOR AND ENGINEER OF RECORD PRIOR TO POURING THE FOUNDATION AND FORMING THE WALL
- 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.
- 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 SLOPE SHALL BE 2 HORIZONTAL TO 1 VERTICAL.

EARTHWORK SUMMARY

SEE SHEET C2

NOTE: FILL VOLUMES INCLUDE 10% SHRINKAGE. EXCESS MATERIAL SHALL BE OFF HAULED TO A COUNTY APPROVED

- 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: 30,992 SF.
- 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

- 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

- 1. 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.
- THE OWNER AND PRIME CONTRACTOR ARE RESPONSIBLE FOR MAINTAINING PROJECT SITE ACCESS AND NEIGHBORHOOD ACCESS FOR EMERGENCY VEHICLES AND LOCAL RESIDENTS. 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. 5. 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.
- 2. ALL MATERIALS AND METHODS OF CONSTRUCTION OF SANITARY SEWERS SHALL CONFORM TO THE SPECIFICATIONS OF THE JURISDICTION INVOLVED. INSPECTION OF SANITARY SEWER WORK SHALL BE DONE BY SAID JURISDICTION.

PORTLAND CEMENT CONCRETE

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 CONTINUAL CONTROL OF THE COUNTY INSPECTOR.

AIR QUALITY. LANDSCAPING AND EROSION CONTROL

- . WATER ALL ACTIVE CONSTRUCTION AREAS AT LEAST TWICE DAILY. 2. COVER ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS OR REQUIRE ALL TRUCKS TO MAINTAIN AT LEAST TWO FEET OF FREEBOARD. 3. 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. 5. SWEEP STREETS DAILY (WITH WATER SWEEPERS) IF VISIBLE SOIL MATERIAL IS
- 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

CARRIED ONTO ADJACENT PUBLIC STREETS. THE USE OF DRY POWDER SWEEPING

- 7. ALL VEHICLE SPEEDS ON UNPAVED ROADS SHALL BE LIMITED TO 15 MILES PER
- HOUR. 8. 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
- B. 5 MINUTES MAXIMUM IDLING TIME OF VEHICLES C. 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
- 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. ALL STORM DRAINAGE STRUCTURES SHALL BE INSTALLED WITH EFFECTIVE ENTRANCE & OUTFALL EROSION CONTROLS E.G. SACKED CONCRETE RIP-RAP. ENERGY DISSIPATORS 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. 14. PRIOR TO GRADING COMPLETION AND RELEASE OF THE BOND, ALL GRADED 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. PERMANENT 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.
- 16. THE OWNER SHALL PREPARE AND PRESENT A WINTERIZATION REPORT TO THE COUNTY INSPECTOR FOR REVIEW PRIOR TO OCTOBER 15TH OF EVERY YEAR. 17. 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. C. 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

STORM DRAINAGE AND STORMWATER MANAGEMENT

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 /

THE PLANS. THE DEVELOPER'S ENGINEER SHALL BE RESPONSIBLE FOR THE PROPER

2. DROP INLETS SHALL BE COUNTY STANDARD TYPE 5 UNLESS OTHERWISE NOTED ON

LOCATION OF DROP INLETS. WHERE STREET PROFILE GRADE EXCEEDS 6% DROP

GRADING THE OUTLET DITCH TO DRAIN TO AN EXISTING SWALE OR TO AN OPEN

INLETS SHALL BE SET AT 500 ANGLE CURB LINE TO ACCEPT WATER OR AS

3. WHERE CULVERTS ARE INSTALLED THE DEVELOPER SHALL BE RESPONSIBLE FOR

4. UPON INSTALLATION OF DRIVEWAY CONNECTIONS, PROPERTY OWNERS SHALL

5. THE COUNTY SHALL INSPECT UNDERGROUND DRAINAGE IMPROVEMENTS AND

STORMWATER MANAGEMENT FEATURES PRIOR TO BACKFILL.

AS-BUILT PLANS MUST BE FURNISHED TO THE COUNTY ENGINEER

GEOTECHNICAL ENGINEER OBSERVATION

AS-BUILT PLANS STATEMENT

COUNTY ENGINEER AND MARKED WITH THE SYMBOL△.

PROVIDE FOR THE UNINTERRUPTED FLOW OF WATER IN ROADSIDE DITCHES.

THIS IS A TRUE COPY OF THE AS-BUILT PLANS. THERE (___ WERE) (___ WERE

NOT) MINOR FIELD CHANGES - MARKED WITH THE SYMBOL (^). THERE (____WERE)

SIGNATURE

NOTE: THIS STATEMENT IS TO BE SIGNED BY THE PERSON AUTHORIZED BY THE

1. A CONSTRUCTION OBSERVATION LETTER FROM THE RESPONSIBLE GEOTECHNICAL

AND CERTIFYING THAT THE WORK WAS DONE IN ACCORDANCE WITH THE

ENGINEER AND ENGINEERING GEOLOGIST DETAILING CONSTRUCTION OBSERVATIONS

RECOMMENDATIONS IN THE GEOTECHNICAL AND GEOLOGIC REPORTS SHALL BE

SUBMITTED PRIOR TO THE GRADING COMPLETION AND RELEASE OF THE BOND.

COUNTY ENGINEER TO PERFORM THE INSPECTION WORK. A REPRODUCIBLE COPYOF THE

WERE NOT) PLAN REVISIONS INDICATING SIGNIFICANT CHANGES REVIEWED BY THE

1. DEVELOPER IS RESPONSIBLE FOR ALL NECESSARY DRAINAGE FACILITIES WHETHER

ORDER NO. R2-2009-0047 AND NPDES PERMIT CASOOO004/ ORDER NO.

2013-0001-DWQ.

SHOWN ON THE PLANS.

AREA FOR SHEET FLOW.

AFTERCONSTRUCTION.

SITE

COUNTY LOCATION MAP



VICINITY MAP

SURVEY MONUMENT PRESERVATION

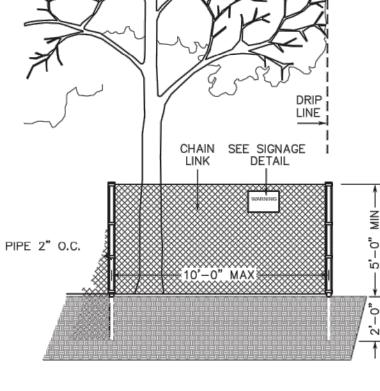
- THE LANDOWNER / CONTRACTOR MUST PROTECT AND ENSURE THE PERPETUATION OF SURVEY MONUMENTS AFFECTED BY CONSTRUCTION ACTIVITIES. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL LOCATE, STAKE AND FLAG OR OTHERWISE IDENTIFY WITH PAINT OR OTHER MARKINGS ALL PERMANENT SURVEY MONUMENTS OF RECORD AND ANY UNRECORDED MONUMENTS THAT ARE DISCOVERED THAT ARE WITHIN 50 FEET OF THE CONSTRUCTION
- ACTIVITY. 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 MONUMENT SHALL CAUSE TO HAVE A LICENSED LAND SURVEYOR OR CIVIL ENGINEER, AUTHORIZED TO PRACTICE SURVEYING, ENSURE THAT A CORNER RECORD AND/OR RECORD OF SURVEY ARE FILED WITH THE COUNTY SURVEYOR'S OFFICE PRIOR TO DISTURBING SAID MONUMENTS AND RESET PERMANENT MONUMENT(S) IN THE SURFACE OF THE NEW CONSTRUCTION OR SET A WITNESS MONUMENT(S) TO PERPETUATE THE LOCATION IF ANY PERMANENT MONUMENT COULD BE DESTROYED, DAMAGED, COVERED, 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 LAND DEVELOPMENT ENGINEERING INSPECTOR.

BASIS OF BEARINGS

THE BASIS OF BEARING IS \$64"10"30"W BETWEEN TWO FOUND MONUMENTS ALONG THE BAINTER AVE R/W AND 19392 BAINTER AVE (APN 510-25-058)

ELEVATION BENCHMARK

ELEVATIONS ARE ASSUMED. TEMPORARY BENCHMARK: EXISTING SSMH RIM ELEV 641.0



EXISTING TREE PROTECTION DETAILS

- 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.
- 2. FENCE SHALL BE MINIMUM 5 FEET TALL CONSTRUCTED OF STURDY MATERIAL
- (CHAIN-LINK OR EQUIVALENT STRENGTH / DURABILITY). 3. 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 INSPECTION. 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

COUNTY OF SANTA CLARA DEPT. OF ROADS AND AIRPORTS COUNTY OF SANTA CLARA LAND DEVELOPMENT ENGINEERING & SURVEYING

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

ENGINEER'S STATEMENT

ENCROACHMENT PERMIT NO.

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 FILE(S) NO. 10818-16B-16DR, DATED JULY 22, 2016

DATE 08-21-2020

ISSUED BY: _____

SIGNATURE

R.C.E. NO. 12-31-2021 EXPIRATION DATE

57532

EXPIRATION DATE

PROMINENT LOCATION.

GRADING / DRAINAGE PERMIT NO.

ISSUED BY: _____

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.E

R.C.E. NO.

CHRISTOPHER L. FREITAS 42107

C3 SITE PLAN(WHOLE SITE, WHOLE DEVELOPMENT) GRADING PLAN: DRIVEWAY IMPROVEMENTS. FROM STA: 0+00 TO STA. 8+00 AND ROAD SECTION GRADING PLAN: DRIVEWAY IMPROVEMENTS FROM STA: 8+00 TO STA. 13+87 AND SITE GRADING PLAN GRADING PLAN: BUILDING SITE GRADING EROSION CONTROL PLAN EC-1 EC-2 EROSION CONTROL DETAILS EROSION CONTROL DETAILS EC-3

<u>SHEET INDEX:</u>

CONSTRUCTION NOTES

COUNTY OF SANTA CLARA SPECIFICATIONS.

NOTES, BENCH MARK, VICINITY MAP.

LOCATION MAP, SHEET INDEX AND

LEGEND AND ABBREVIATIONS, SCOPE

OF WORK, EARTHWORK SUMMARY,

PERVIOUS CONCRETE REQUIRMENTS

PIPE BEDDING DETAIL, AND

TITLE SHEET

GRADING AND DRAINAGE 3412 FOWLER ROAD COUNTY OF SANTA CLARA CALIFORNIA

PRELIMINARY

DRAINA AND DING

OKERENSON UZO OKEREKE, PE RCE#57532 (EXP. 12/31/21)

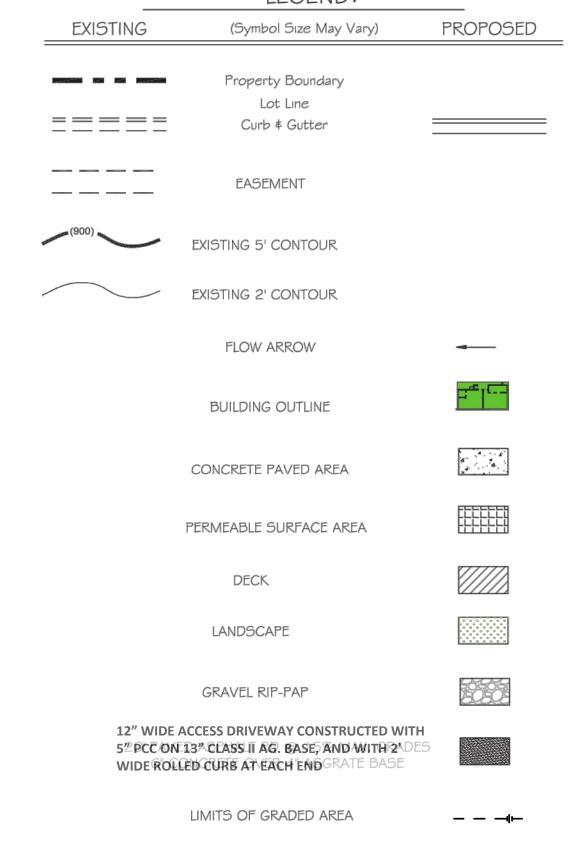
SIGN DATE: 08-28-2020 AS NOTED

AS NOTED DRAWN BY: AP CKD BY: AΡ

PROJECT #: 999999999

SHEET CI OF 9 SHEETS

LEGEND:



ABBREVIATION:

PUE PVC RCP

SDMH

Curb Inlet Center Line Concrete Surface Finished Floor Flow Line Grade Break Garage Slab Hydromodification Management Control Hıqh Poınt Low Point Property Line Public Service Easement Poly Vinyl Chloride Public Utility Easement Polyvinyl Chiloride Reinforced Concrete Pipe Rough Grade Right-of-Way Storm Drain Storm Drain Manhole Top of Curb Treatment Control Measure Top of Depressed Curb Top of Vertical Curb

PERVIOUS CONCRETE REQUIREMENTS

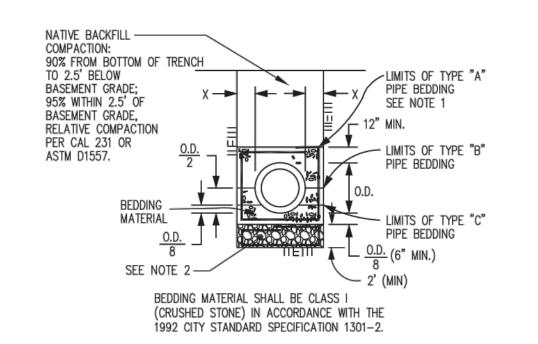
CONTRACTOR OR PERMITEE SHALL:

- PROVIDE CERTIFICATION FROM THE CONCRETE MANUFACTURER THAT THE CONCRETE MEETS THE REQUIREMENTS OF THE C3 STORMWATER HANDBOOK FOR PERVIOUS PAVERS. THIS INCLUDES, BUT IS NOT LIMITED TO, HAVING A MINIMUM SURFACE INFILTRATION RATE OF 100"/HR WHEN TESTED IN ACCORDANCE WITH ASTM C1701
- ONLY CONTRACTORS HOLDING CERTIFICATION OF COMPLETION FROM THE NATIONAL READY MIX CONCRETE ASSOCIATION (NRMA) SHALL INSTALL THE CONRETE AND AT LEAST ONE FOREMAN WITH THIS CERTIFICATION MUST BE ON THE JOB SITE AT ALL TIMES DURING CONCRETE INSTALLATION.
- PROTECT THE EXCAVATED AREA FOR FROM EXCESSIVE COMPACTION DUE TO CONSTRUCTION TRAFFIC AND PROTECT THE FINISHED PAVEMENT FROM CONSTRUCTION TRAFFIC.

PERVIOUS PAVER REQUIREMENTS

CONTRACTOR OR PERMITEE SHALL

- PROVIDE CERTIFICATION FROM THE PAVER MANUFACTURER THAT THE PAVERS MEET THE REQUIREMENTS OF THE C3 STORMWATER HANDBOOK FOR PERVIOUS PAVERS. THIS INCLUDES, BUT IS NOT LIMITED TO, HAVING A MINIMUM SURFACE INFILTRATION RATE OF 100"/HR WHEN TESTED IN ACCORDANCE WITH ASTM C1701
- ONLY CONTRACTORS HOLDING CERTIFICATION OF COMPLETION IN THE INTERLOCKING CONCRETE PAVEMENT INSTITUTES PICP INSTALLER TECHNICIAN COURSE SHALL BE USED TO INSTALL THE PAVERS AND AT LEAST ONE FOREMAN WITH THIS CERTIFICATION MUST BE ON THE JOBSITE AT ALL TIMES DURING CONCRETE PAVER INSTALLATION.
- PROTECT THE EXCAVATED AREA FOR PERVIOUS PAVERS FROM EXCESSIVE COMPACTION DUE TO CONSTRUCTION TRAFFIC AND PROTECT THE FINISHED PAVEMENT FROM CONSTRUCTION TRAFFIC.



PIPE BEDDING DETAIL FOR ALL STORM PIPE

PIPE SIZE	LIMITS OF X		
FIFE SIZE	MINIMUM	MAXIMUM	
24" OR LESS	4"	$4" + \frac{0.D.}{4}$	
27" AND GREATER	6"	6" + O.D. 4	

l	BEDDING TYPE	CATEGORY OF PIPE
	Α	VITRIFIED CLAY PIPE, CONCRETE PIPE 25" DIA. AND GREATER, PVC
	В	CONCRETE PIPE 24" DIA. AND LESS
	С	DUCTILE IRON PIPE

1) GEOTEXTILE TO BE PLACED BETWEEN NATIVE BACKFILL AND TYPE 'A' BEDDING IF THE NATIVE SOIL SURROUNDING THE TRENCH IS FOUND TO BE HEAVY CLAY. FOR ALL OTHER NATIVE SOIL CONDITIONS THE GEOTEXTILE SHALL BE WRAPPED AROUND THE ENTIRE TRENCH AS SHOWN.

2) GEOTEXTILE AND CLASS I, BEDDING STABILIZATION MATERIAL SHALL BE USED FOR UNSUITABLE SOIL CONDITIONS ONLY OR AS DIRECTED BY CITY ENGINEER/INSPECTOR.

FEMA - Flood Hazard Area

Flood Zone D

Fact Sheet More info

Zone Description Areas with possible but undetermined flood hazards. No flood hazard analysis has been conducted. Flood insurance rates are commensurate with the uncertainty of the flood risk.

THE QUANTITIES SHOWN BELOW ARE FOR DISCUSSION PURPOSES ONLY. SHRINKAGE, SUBSIDENCE, AND SURFACE LOSS FACTORS ARE NOT INCLUDED. CONTRACTOR IS TO BUILD THE PROJECT PER PLAN, AND BID THEIR OWN QUANTITY "TAKE-OFF".

EARTHWORK -					
SINGLE FAMILY RESIDENCE					
CUT	3,520	CY			
FILL	110	CY			
EXPORT	3,410	CY			
EARTHWORK -					
DRIVEWAY ENTRANCE/PRIVATE ROADWAY					
CUT	2,800	CY			
FILL	850	CY			
EXPORT	1,950	CY			
DRIVEWAY ENTRANCE/PRIVATE ROADWAY GEOMETRICS					
LENGTH	1,350	FT			
AVERAGE WIDTH	16	FT			
AVERAGE SLOPE [EXISTING]	14.8	PERCENT			
AVERAGE SLOPE [PROPOSED]	13.1	PERCENT			
TURNAROUND RADIUS	32	FT			

EXISTING/PROPOSED IMPERVIOUS AREA		
LOT SIZE	33.67	ACRES
EXISTING IMPERVIOUS AREA	4,174.71	SF
	0.10	ACRE
PROPOSED IMPERVIOUS AREA	13,460.00	SF
	0.31	ACRE
PROPOSED ACCESS DRIVEWAY	22,400.00	SF
	0.51	ACRE
TOTAL PROPOSED IMPERVIOUS	0.82	ACRE

CONSTRUCTION NOTES

		QTY	UNI
10	MODIFIED RESIDENTIAL DRIVEWAY PER CITY OF SAN JOSE STD. DWG. NO. R-6 WITH CURB RETURNS AND CLASS II AGGREGATE BASE PER NOTE 2 BELOW	1	EA
11	6" CURB & GUTTER PER CITY OF SAN JOSE STD. DWG NO. R-6	200	LF
12	12' WIDE ACCESS DRIVEWAY WIDE WITH 5" PCC OVER 12" CLASS II PERMEABLE ROCK PER CALTRNAS SPECIFICATIONS OR SIMILAR COUNTY APPROVED MATERIAL, COMPACTED TO SOIL'S ENGINEER'S SEPCIFICATIONS	1,387	LF
13	24" WIDE ROLLED CURB PER DETAIL NO. 2	2,840	LF
14	5" PCC TURNOUT ON 13" CLASS II PERMEABLE ROCK PER CALTRNAS SPECIFICATIONS OR SIMILAR COUNTY APPROVED MATERIAL	3	EA
15	TRANSITION ROLLED-CURB FROM TURN- AROUND EDGE TO FINISH SURFACE OF PAVEMENT	70	LF
16	12" PCC SFR BUILDING PAD ON 12" CLASS II PERMEABLE ROCK PER CALTRNAS SPECIFICATIONS OR SIMILAR COUNTY APPROVED MATERIAL, COMPACTED TO SOIL'S ENGINEER'S SEPCIFICATIONS	4,626	SF
17	12" PCC SFR GARAGE PAD ON 12" CLASS II PERMEABLE ROCK PER CALTRNAS SPECIFICATIONS OR SIMILAR COUNTY APPROVED MATERIAL, COMPACTED TO SOIL'S ENGINEER'S SEPCIFICATIONS	4,026	SF
18	12" PCC POOL DECK PAD ON 12" CLASS II PERMEABLE ROCK PER CALTRNAS SPECIFICATIONS OR SIMILAR COUNTY APPROVED MATERIAL, COMPACTED TO SOIL'S ENGINEER'S SEPCIFICATIONS	1,394	SF
19	DOWNSPOUT CONNECTION TO SUBDRAIN PER SOILS ENGINEER'S SPECIFICATION. INSTALL 4" MIN. DIAMETER COBBLE STONE LOCATED 0.2' BELOW THE DOWNSPOUT FOR A DISTANCE OF 2' ALL SIDES OF THE DOWNSPOUT	5	EA
20	PERFORATED 4" PVC SUBDRAIN PIPE (PERFORATION DOWN) PER SOILS ENGINEER'S SPECIFICATION	5	EA
21	CONNECTION 4" PVC SUBDRAIN PIPE TO THE STORM DRAIN SYSTEM	5	EA
22	IMPERMEABLE MEMBRANE ADJACENT TO THE BUILDING PLANTER WALL AND BOTTOM OF THE FLOW-THROUGH PLANTER	1	EA
23	PERMEABLE PAVEMENT PER MANUFACTURER'S SPECIFICATIONS	9,155	SF
24	PCC TURNAROUND PER SOILS ENGINEER'S SPECIFICATIONS	3,217	SF
25	LANDSCAPE PER ARCHITECT'S SPECIFICATIONS	4,661	SF
25	DEMOLISH EXISTING 1,729 SF BARN STRUCTURE	1	EA

ERUSION CONTROL NOTES

	QTY	UI
INSTALL SE-1: SILT FENCE PER DETAIL 8 ON SHEET EC-2	3,000	L
INSTALL TC-1: STABILIZED CONSTRUCTION ENTRANCE/EXIT PER DETAIL 1 ON SHEET EC-2	1	E
INSTALL SE-5: FIBER ROLLS PER DETAIL 4 ON SHEET EC-2	1,600	L
INSTALL SE-4/SE-6: GRAVEL BAG CHECK DAMS PER DETAIL 7 ON SHEET EC-2	10	E
INSTALL SE-10: DOUBLE ROWS OF GRAVELBAG & OUTLET PROTECTION PER DETAIL 3 ON SHEET EC-2	3 2	E
INSTALL WE-1: WIND EROSION CONTROL PER CASQA SPECIFICATIONS	1	E
EC-4: HYDROSEED SLOPE AREA PER CASQA SPECIFICATIONS	2,500	S
57 INSTALL EC-9: EARTH DYKES & DRAINAGE SWALE PER CASQA SPECIFICATIONS	2	E
SE-7: PERFORM STREET SWEEPING & VACUUMING AS NECESSARY	1	E
INSTALL WM-9: SANITARY SEPTIC WASTE MANAGEMENT PER DETAIL ON SHEET EC-2	1	E
INSTALL WM-5: SOLID WASTE MANAGEMENT PER DETAIL 5 ON SHEET EC-2	1	E
61 INSTALL WM-9: SANITARY SEPTIC WASTE MANAGEMENT PER DETAIL ON SHEET EC-2	1	E

GRADING AND DRAINAGE OKERENSON UZO OKEREKE, PE RCE#57532 (EXP. 12/31/21) SIGN DATE: 08-28-2020 DATE: AS NOTED AS NOTED SCALE:

DRAWN BY: AP

CKD BY: AP

PROJECT #: 999999999

SHEET

OF 9 SHEETS

APPROVED FOR GRADING AND DRAINAGE ONLY DEPARTMENT OF PUBLIC WORKS CITY OF SAN JOSE, CALIFORNIA

Project Engineer Senior Engineer

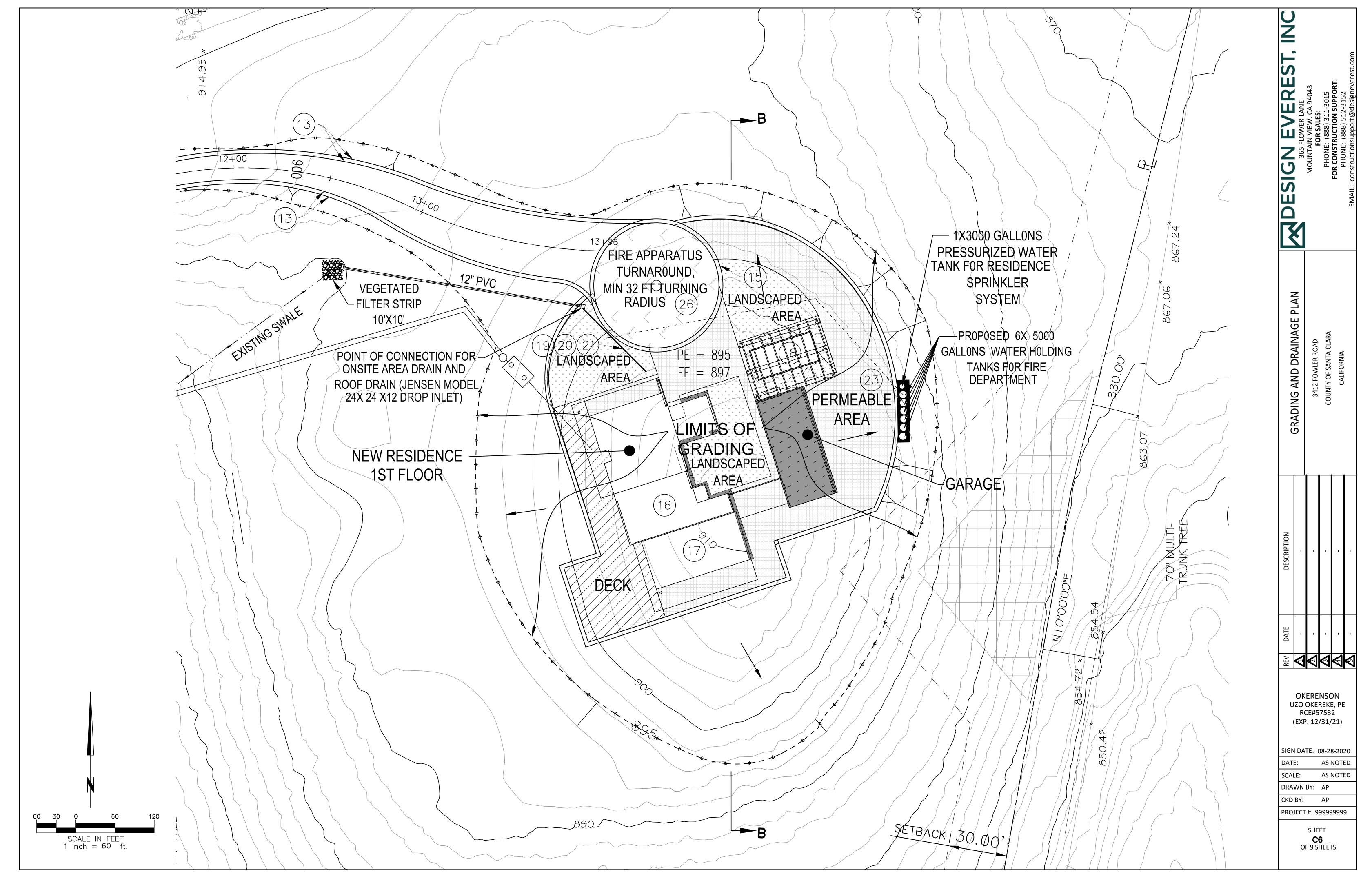
Expiration Date

Permit Number

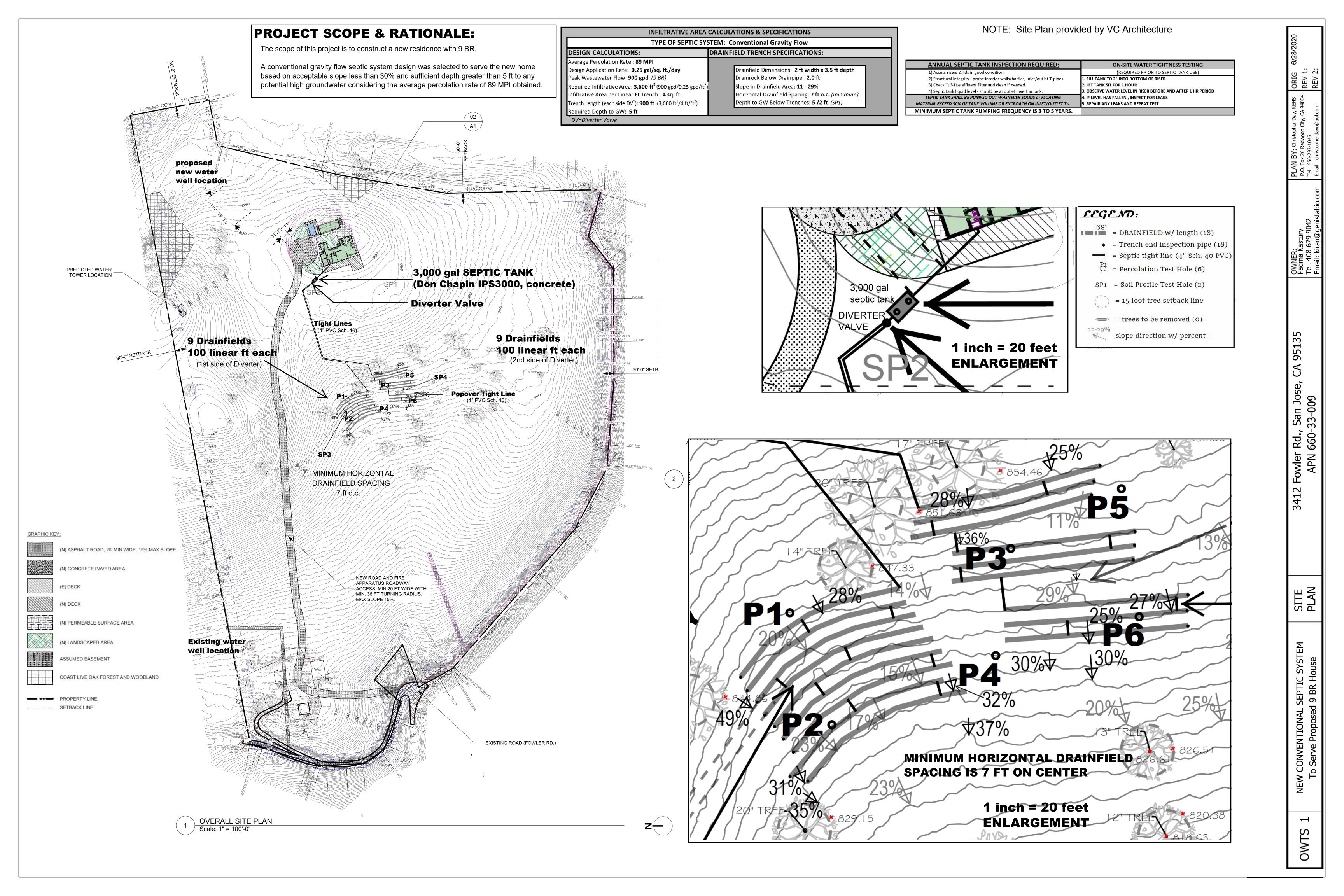
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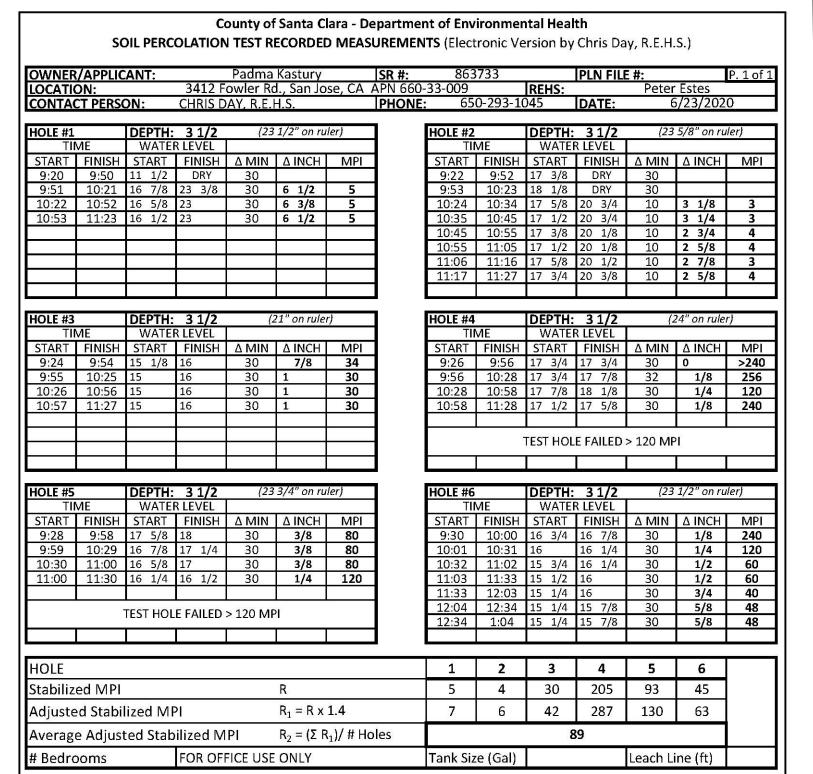
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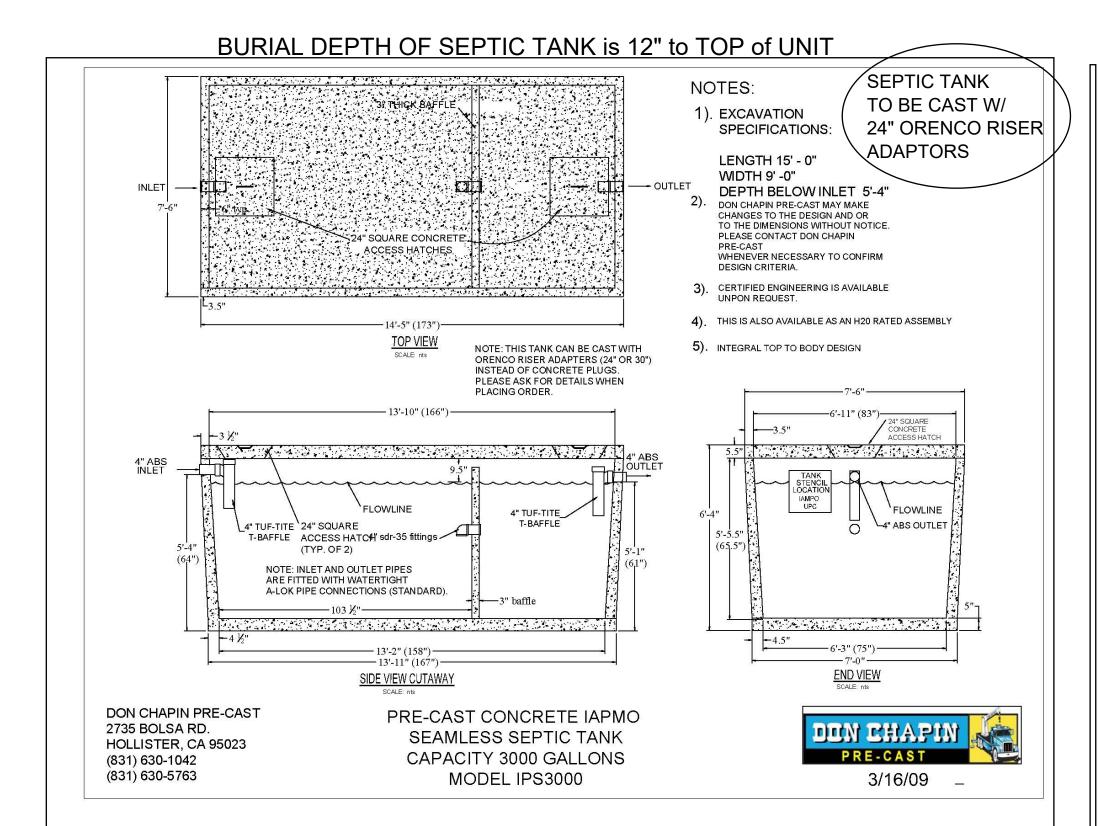


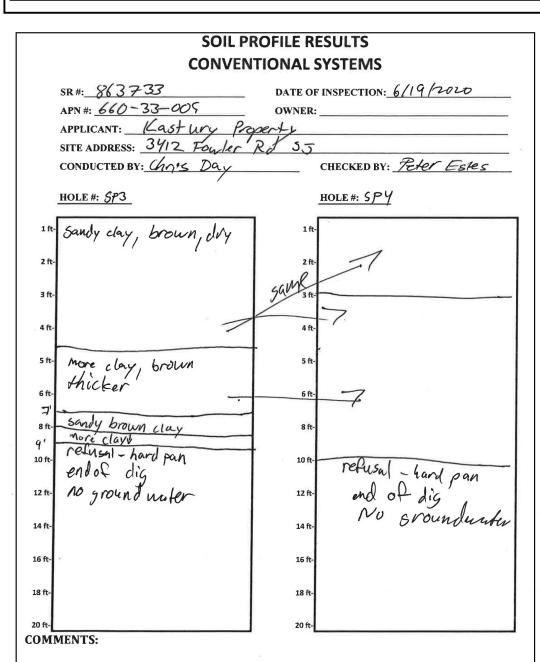
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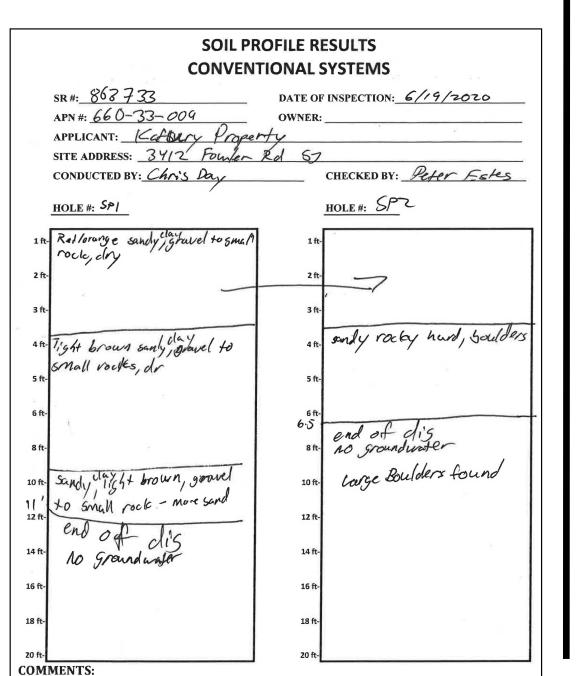


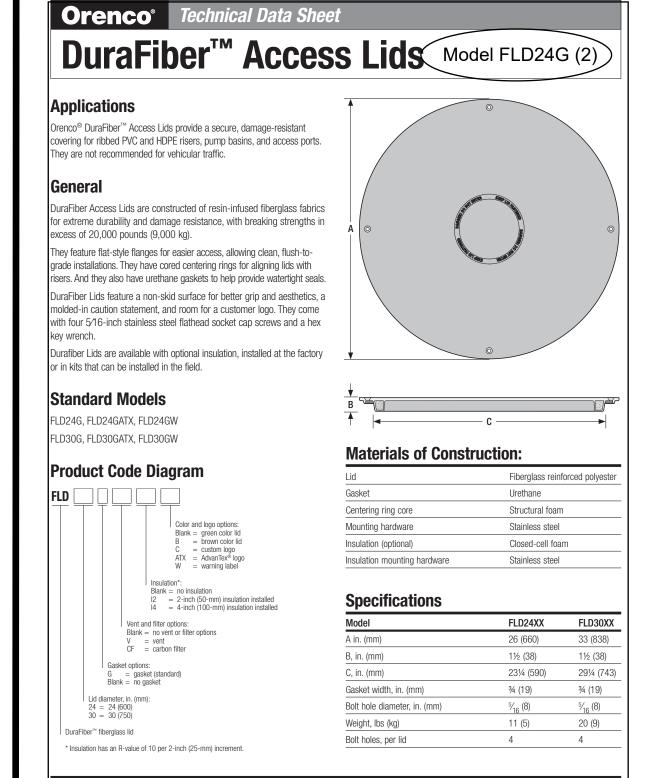
SEPTIC TANK & DIVERTER SPECIFICATIONS:



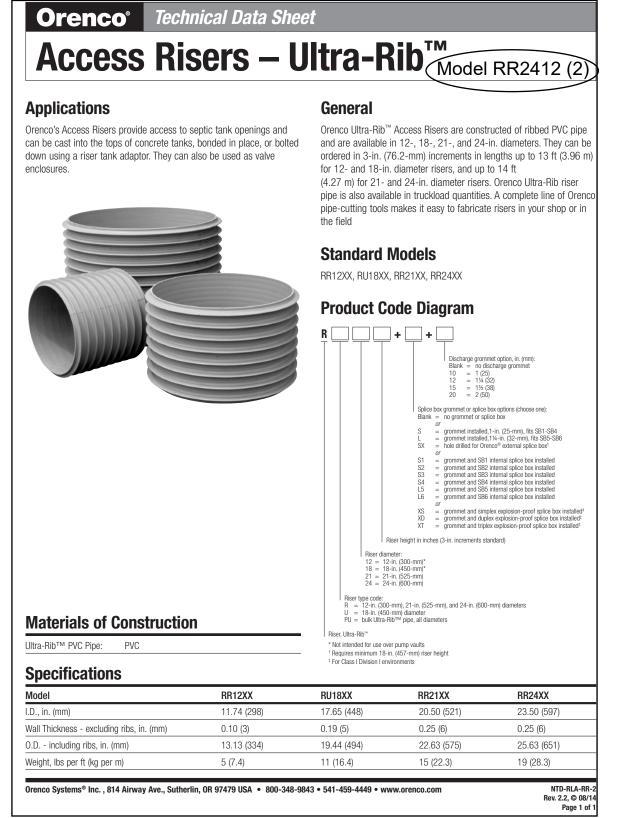


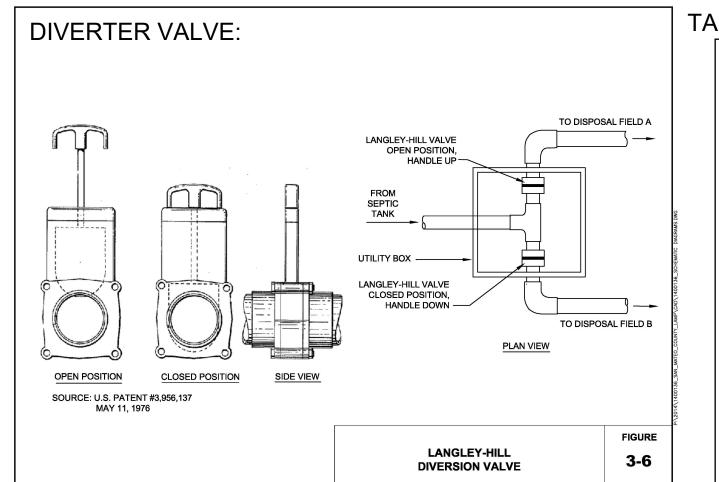






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DRAINFIELD DETAIL:

