

ALTERATIONS AND ADDITIONS TO: DHAMI RESIDENCE

REVISIONS	
DATE	#
12-11-20	1
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PREPARED FOR:
RAJ DHAMI
2100 OLD CALAVERAS RD
MILPITAS, CA 95035
(647) 928-7896

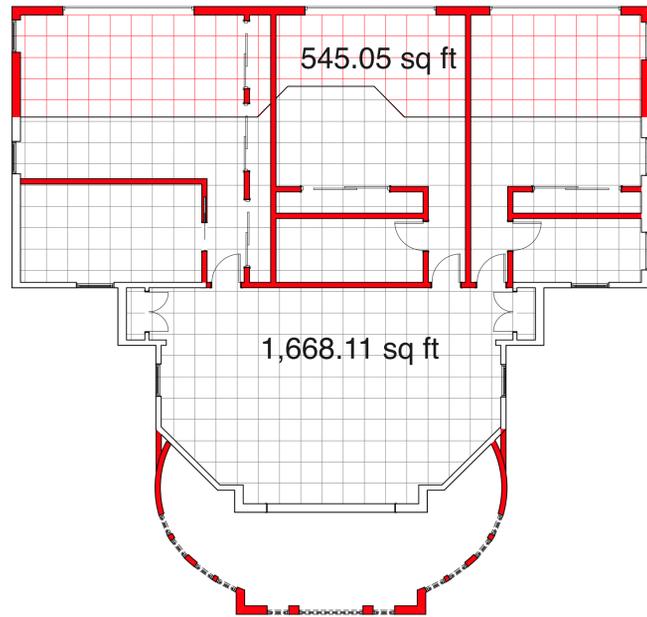
Daniel Silvernail Architect, Inc.
501 Mission St Suite #2 Santa Cruz, CA 95060 831.462.9138

TITLE SHEET
SCHEMATIC DESIGN DOCUMENTS
DHAMI RESIDENCE
2100 OLD CALAVERAS RD MILPITAS CA 95035

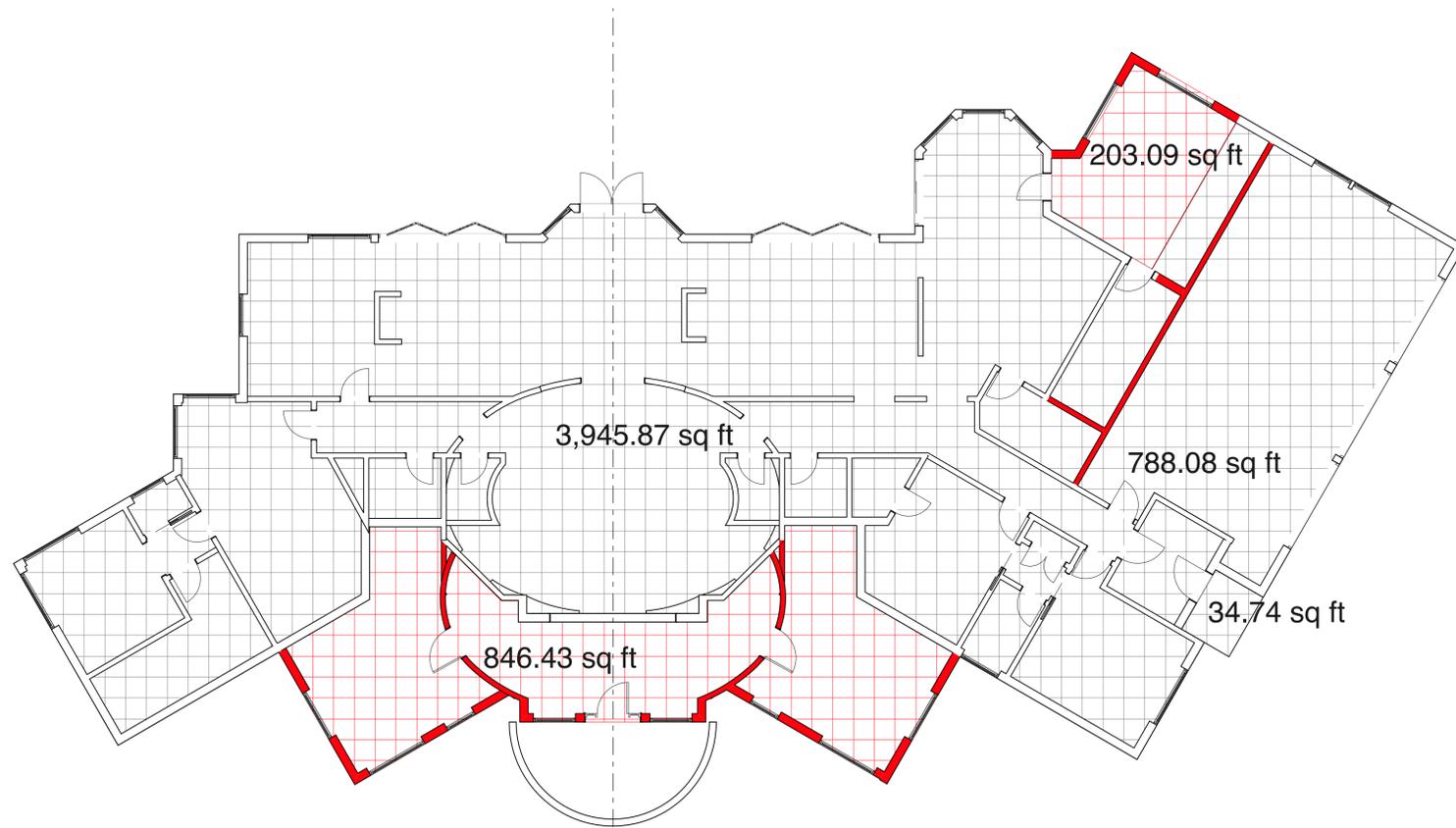
DATE: xx/xx/xxxx
JOB#: 20.008
MODELING BY: DSAI
SHEET: SK-1.0
OF 20 SHEETS

DESIGN REVIEW PERMIT SUBMITTAL

GENERAL NOTES	ABBREVIATIONS	LOCATION MAP	PROJECT DATA	SHEET INDEX																																																																																																																																																																																																																																										
<p>1. SITE USE: Construction access shall be through areas of Site designated as a construction unloading and storage area.</p> <p>2. SITE CLEAN-UP: The Site shall be maintained in a clean, orderly condition free of debris and litter, and shall not be unreasonably encumbered with any materials or equipment. Verify location of trash containers and parking areas to be used with Owner and regulatory agency.</p> <p>3. SECURITY: Contractor shall maintain and is solely responsible for any temporary security measures necessary to the Work. Contractor shall provide and maintain fencing, barricades, warning signs/signals and all other protective measures appropriate to the necessary standard of safety.</p> <p>4. UTILITIES: Contractor shall verify location and protect utilities in and around work area whether or not delineated in the Drawings. Contractor shall notify utility company and responsible professional of any conflict or potential conflict with utilities.</p> <p>5. VERIFICATION: Contractor shall take field measurements and verify field conditions and shall carefully compare such field measurements and conditions and other information known to the Contractor with the Drawings prior to commencing activities. Errors, omissions, or inconsistencies between these and all documents or against field conditions shall be at once reported to Owner and Architect.</p> <p>6. NOTIFICATION: Architect shall be promptly notified of any changes from Work indicated herein, whether discretionary, necessitated by unanticipated field conditions, by code requirements, or for any other reason. Prompt written notice shall be given by the Owner to the Architect if the Owner becomes aware of any fault or defect in the Project or nonconformance with the prepared Drawings or documents.</p> <p>7. DOCUMENTS: The Intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work by the Contractor. The Contract Documents are complementary, in that what is required by one shall be as binding as if required by all.</p> <p>8. CODE CONFORMANCE: All Work shall conform to requirements of currently adopted California Building Code (CBC), C.A.C. Title 24 requirements, Federal Americans with Disabilities Act, and all other applicable federal, state, and local codes and requirements adopted by local jurisdiction or otherwise applicable to this Project.</p> <p>9. CONSTRUCTION STANDARDS: All construction and materials shall be as specified and as required by the current edition of the CBC, locally enforced codes, and authorities. All articles, materials, and equipment shall be installed, applied, and connected as directed by the manufacturer's specifications except where otherwise noted.</p> <p>10. STORAGE: All materials stored on Site shall be properly stacked and protected to prevent damage or deterioration until use. Failure to protect materials may be cause for rejection of work.</p> <p>11. WORKMANSHIP: Contractor shall do all cutting, fitting, or patching of Work that may be required to make its several parts fit together properly and shall not endanger any other Work by cutting, fitting, or otherwise altering the total Work or any part of it. Contractor shall exercise care to protect any construction so that integrity and finish is not impaired by repairing and replacing of materials and surfaces, cut or damaged in execution of Work shall be done with applicable materials so that surfaces replaced will, upon completion, match surrounding similar surfaces.</p> <p>12. DIMENSIONS: All dimensions must be verified prior to starting Work. Do not scale Drawings without specific written authorization from Architect. Measured dimensions supersede dimensions obtained by scaling. All plan dimensions (interior and exterior) are to face of structure (FOS if wood-framed, FOM if masonry) unless noted otherwise. When so dimensioned, "CLR" means clear dimension from face of finish (FOF).</p> <p>13. SUPPORTS: Provide all necessary blocking, backing and framing for light fixtures, electric units, plumbing fixtures, toilet accessories, heating equipment and all other items requiring support.</p> <p>14. SHORING: It shall be the Contractor's sole responsibility to design and provide adequate shoring, bracing, etc., during construction and/or demolition.</p> <p>15. SAFETY: Contractor shall be solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work, and take all reasonable precautions for safety of and protection to prevent damage, injury, or loss to employees on the Work and other persons who may be affected thereby, the Work and materials and equipment to be incorporated into the Work, and all property at the site or adjacent to it.</p> <p>16. HAZARDOUS MATERIALS: In the event Contractor encounters on the site materials reasonably believed to be asbestos, PCBs, or other listed hazardous materials, Contractor shall stop Work and report the condition in writing to Owner, Architect, and the regulating authority.</p> <p>17. SIMILAR CONDITIONS: Typical details and notes shall apply unless specifically shown or noted otherwise. Details not fully shown or noted shall be similar to details shown for similar conditions.</p> <p>18. OBSERVATION: Architect shall visit the site at intervals appropriate to the stage of construction, at Owner's authorization. At minimum, Contractor should arrange for Architect to observe the Work: a. after demolition/ uncovering of structure but prior to subsequent work. b. at green building/preconstruction conference. c. at each regulatory inspection. d. at Substantial Completion.</p> <p>19. MISCELLANEOUS: Word "provide" used in Drawings means item is furnished, installed, and connected as required for complete installation, except as specifically noted otherwise. Word "verify" used in Drawings means item, dimension, condition, or provision shall be verified for accuracy and written clarification secured from Architect prior to initiation of associated Work.</p>	<table border="0"> <tr> <td>A Area</td> <td>LT Light</td> </tr> <tr> <td>AB Anchor Bolt</td> <td>M B Machine Bolt</td> </tr> <tr> <td>ABV Above</td> <td>MECH Mechanical</td> </tr> <tr> <td>AC Asphaltic Concrete, Air Conditioning</td> <td>MFR Manufacture, Manufacturer</td> </tr> <tr> <td>ACST Acoustic, Acoustical</td> <td>M H Manhole</td> </tr> <tr> <td>ADH Adhese, Adhesive</td> <td>M I Malleable Iron</td> </tr> <tr> <td>AF Above Finish Floor</td> <td>M N Minimum</td> </tr> <tr> <td>AGGR Aggregate</td> <td>M O Masonry Opening</td> </tr> <tr> <td>ALUM Aluminum</td> <td>MTL Metal</td> </tr> <tr> <td>ALT Alternate</td> <td>N I C Not in Contract</td> </tr> <tr> <td>APP Approve, Approved, Approval</td> <td>NOM Nominal</td> </tr> <tr> <td>APPROX Approximate</td> <td>N T S Not To Scale</td> 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Contractor</td> <td>RM Room</td> </tr> <tr> <td>C/R Cash Register</td> <td>RND Round</td> </tr> <tr> <td>CS Channel Screed</td> <td>RO Rough Opening</td> </tr> <tr> <td>CU Copper, Cubic</td> <td>RR Rafter</td> </tr> <tr> <td>d Penny (nail)</td> <td>RWL Rainwater Leader</td> </tr> <tr> <td>DAT Datum</td> <td>S B Solid Block</td> </tr> <tr> <td>DBL Double</td> <td>S C Solid Core</td> </tr> <tr> <td>DEG Degree</td> <td>SCHED Schedule</td> </tr> <tr> <td>DEMO Demolition</td> <td>S D Site Drain</td> </tr> <tr> <td>D F Douglas Fir, Drinking Fountain</td> <td>SDG Siding</td> </tr> <tr> <td>DIAM Diameter or Round</td> <td>SFT Square Feet</td> </tr> <tr> <td>DIM Dimension</td> <td>SHT Sheet</td> </tr> <tr> <td>DN Down</td> <td>SHV Shelving</td> </tr> <tr> <td>DP Downspout</td> <td>SK Sill</td> </tr> <tr> <td>DR Door</td> <td>SKG Slat on Grade</td> </tr> <tr> <td>DS Downspout</td> <td>SPC Specification</td> </tr> <tr> <td>DTL Detail</td> <td>SPEED Specified</td> </tr> <tr> <td>DWG Drawing, Drawings</td> <td>SPNK Sprinkler</td> </tr> <tr> <td>EA Each</td> <td>SQ Square</td> </tr> <tr> <td>EJ Expansion Joint</td> <td>ST Stainless</td> </tr> <tr> <td>EL Elevation</td> <td>STD Standard</td> </tr> <tr> <td>ELEC Electric, Electrical</td> <td>STL Steel</td> </tr> <tr> <td>EN Edge Nail</td> <td>STR Storage</td> </tr> <tr> <td>ENGR Engineer</td> <td>STRUC Structure, Structural</td> </tr> <tr> <td>EQ Equal</td> <td>SUSP Suspend, Suspended</td> </tr> <tr> <td>EQUIP Equipment</td> <td>T Tread, Treads</td> </tr> <tr> <td>EW Each Way</td> <td>T C Top of Curb</td> </tr> <tr> <td>EXIST Exists, Existing</td> <td>TEL Telephone</td> </tr> <tr> <td>EXT Exterior</td> <td>TEMP Tempored</td> </tr> <tr> <td>F D Floor Drain</td> <td>T E N Typical Edge Nailing</td> </tr> <tr> <td>FDN Foundation</td> <td>T G Tongue and Groove</td> </tr> <tr> <td>FIN Finish</td> <td>THK Thick</td> </tr> <tr> <td>F J Floor Joist</td> <td>THRU Through</td> </tr> <tr> <td>FLR Floor</td> <td>T O C Top of Concrete</td> 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Landscape, Land Surveyor	(N) New		(P) Proposed		<p>DESCRIPTION: ADDITIONS AND ALTERATIONS TO (E) SFR ENTAILING APPROX. 1,600SF OF ADDITIONAL SQUARE FOOTAGE TO (E) RESIDENCE. PROGRAM BRIEF ENTAILS AN ENTRY HALL EXTENSION, DEMOLITION AND CONSTRUCT NEW ENTRY PORCH, EASTERLY ADDITION TO MASTER BEDROOM, EASTERLY ADDITION TO FIRST FLOOR BEDROOM; EXTEND WESTERLY DECK; ADD AT-GRADE TERRACE; EXTEND BEDROOM #201 AT SECOND FLOOR, CONVERT EXISTING "RETREAT SPACE" INTO BEDROOM AND EXTEND WESTERLY EXTEND BEDROOM #202 AT SECOND FLOOR; CONSTRUCT (N) SECOND FLOOR DECK.</p> <p>SITE ESTIMATED AREA: 15.93 AC ZONE DISTRICT: HS-d2 MAX HT OF S.F.R.: 27 FT MAX GROSS AREA: 8,000 SF</p> <p>FYSB: 30 FT RYSB: 30 FT SYSB: 30 FT</p> <p>(E) BEDROOM COUNT: 4 PROPOSED BEDRM COUNT: 5 MIN. PARKING REQD: 2 (1-COVERED) PARKING FURNISHED: 6</p> <p>CBC/ CRC DESIGNATION: R-3 SINGLE FAMILY DWELLING CONST. TYPE: V-B SPRINKLERED FIRE JURISDICTION: W.U.I.</p> <p>BUILDING AREAS (AREAS APPROX): (E) SFR: 5,613 SF (E) GAR: 788 SF (E) PORCH: 35 SF 1ST FLOOR ADDITIONS: 1,054 SF 2ND FLOOR ADDITIONS: 545 SF TOTAL: 8,000 SF</p> <p>PROPOSED EXTERIOR IMPROVEMENTS (AREAS APPROX): ENTRY PORCH: 156 SF LOWER DECK EXTEND: 1,435 SF UPPER DECK EXTEND: 1,026 SF TERRACE AT GRADE: 4,139 SF</p> <p>CODES IN EFFECT: -2019 BUILDING STANDARDS ADMINISTRATIVE CODE -2019 CALIFORNIA RESIDENTIAL BUILDING CODE -2019 CALIFORNIA BUILDING CODE -2019 CALIFORNIA GREEN BUILDING STANDS CODE -2019 CALIFORNIA PLUMBING CODE -2019 CALIFORNIA MECHANICAL CODE -2019 CALIFORNIA ELECTRICAL CODE -2019 CALIFORNIA ENERGY EFFICIENCY STANDARDS -2019 CALIFORNIA FIRE CODE -2019 CALIFORNIA EXISTING BUILDING CODE -2019 CALIFORNIA REFERENCE STANDARDS CODE</p>	<p>SK-1.0 TITLE SHEET</p> <p>SK-1.1 BLDG AREA ANALYSIS</p> <p>SK-2.0 SITE PLAN</p> <p>SK-3.0 FIRST FLOOR PLAN</p> <p>SK-3.1 SECOND FLOOR PLAN</p> <p>SK-4.0 ELEVATIONS</p> <p>SK-4.1 ELEVATIONS</p> <p>SK-5.0 BUILDING SECTIONS</p> <p>SK-6.0 AXONOMETRICS</p> <p>EX-1 EXISTING CONDITIONS</p> <p>C0.1 COVER SHEET</p> <p>C1.1 (E) CONDITIONS & DEMO PLAN</p> <p>C2.1 SITE PLAN</p> <p>C3.1 GRADING & DRAINAGE PLAN</p> <p>C4.1 FIRE PREVENTION PLAN</p> <p>C4.2 FIRE PREVENTION PLAN</p> <p>C5.1 EROSION CONTROL PLAN</p> <p>C5.2 EROSION CONTROL DETAILS</p> <p>C5.3 EROSION CONTROL DETAILS</p> <p>OWTS1 SEPTIC SYSTEM PLAN</p>
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B N Bottom	PLAS LAM Plastic Laminat																																																																																																																																																																																																																																													
BOT Bottom	PLYWD Plywood																																																																																																																																																																																																																																													
BR Brass	PNL Panel																																																																																																																																																																																																																																													
BZ Bronze	PR Pair																																																																																																																																																																																																																																													
BUR Built-up Roof	PROV Provide																																																																																																																																																																																																																																													
CAB Cabinet	P T Pressure Treated																																																																																																																																																																																																																																													
C B Catch Basin	PTD Painted																																																																																																																																																																																																																																													
C C J Concrete Control Joint	P V C Polyvinyl chloride																																																																																																																																																																																																																																													
CEM Cement	Q T Quarry Tile																																																																																																																																																																																																																																													
CER Ceramic	R Riser Radius																																																																																																																																																																																																																																													
CHAM Chamfer	R D Roof Diameter																																																																																																																																																																																																																																													
CH Cast Iron	R D Relative Density																																																																																																																																																																																																																																													
C J Control Joint, Ceiling Joist	RDL Roof Drain Line																																																																																																																																																																																																																																													
C L Cantelirne	R D W D Reinwood																																																																																																																																																																																																																																													
C L G Ceiling	REF Reference																																																																																																																																																																																																																																													
CLOS Closet	REFR Refrigerator																																																																																																																																																																																																																																													
CLTR Counter	REIN Reinforce, Reinforcement																																																																																																																																																																																																																																													
C M U Concrete Masonry Unit	REP Repair																																																																																																																																																																																																																																													
C O Clean Out	REPL Replace																																																																																																																																																																																																																																													
COL Column	REQD Required																																																																																																																																																																																																																																													
CONC Concrete	RET Retaining																																																																																																																																																																																																																																													
CONSTR Construction	REV Revised, Revision																																																																																																																																																																																																																																													
CONTR Contractor	RM Room																																																																																																																																																																																																																																													
C/R Cash Register	RND Round																																																																																																																																																																																																																																													
CS Channel Screed	RO Rough Opening																																																																																																																																																																																																																																													
CU Copper, Cubic	RR Rafter																																																																																																																																																																																																																																													
d Penny (nail)	RWL Rainwater Leader																																																																																																																																																																																																																																													
DAT Datum	S B Solid Block																																																																																																																																																																																																																																													
DBL Double	S C Solid Core																																																																																																																																																																																																																																													
DEG Degree	SCHED Schedule																																																																																																																																																																																																																																													
DEMO Demolition	S D Site Drain																																																																																																																																																																																																																																													
D F Douglas Fir, Drinking Fountain	SDG Siding																																																																																																																																																																																																																																													
DIAM Diameter or Round	SFT Square Feet																																																																																																																																																																																																																																													
DIM Dimension	SHT Sheet																																																																																																																																																																																																																																													
DN Down	SHV Shelving																																																																																																																																																																																																																																													
DP Downspout	SK Sill																																																																																																																																																																																																																																													
DR Door	SKG Slat on Grade																																																																																																																																																																																																																																													
DS Downspout	SPC Specification																																																																																																																																																																																																																																													
DTL Detail	SPEED Specified																																																																																																																																																																																																																																													
DWG Drawing, Drawings	SPNK Sprinkler																																																																																																																																																																																																																																													
EA Each	SQ Square																																																																																																																																																																																																																																													
EJ Expansion Joint	ST Stainless																																																																																																																																																																																																																																													
EL Elevation	STD Standard																																																																																																																																																																																																																																													
ELEC Electric, Electrical	STL Steel																																																																																																																																																																																																																																													
EN Edge Nail	STR Storage																																																																																																																																																																																																																																													
ENGR Engineer	STRUC Structure, Structural																																																																																																																																																																																																																																													
EQ Equal	SUSP Suspend, Suspended																																																																																																																																																																																																																																													
EQUIP Equipment	T Tread, Treads																																																																																																																																																																																																																																													
EW Each Way	T C Top of Curb																																																																																																																																																																																																																																													
EXIST Exists, Existing	TEL Telephone																																																																																																																																																																																																																																													
EXT Exterior	TEMP Tempored																																																																																																																																																																																																																																													
F D Floor Drain	T E N Typical Edge Nailing																																																																																																																																																																																																																																													
FDN Foundation	T G Tongue and Groove																																																																																																																																																																																																																																													
FIN Finish	THK Thick																																																																																																																																																																																																																																													
F J Floor Joist	THRU Through																																																																																																																																																																																																																																													
FLR Floor	T O C Top of Concrete																																																																																																																																																																																																																																													
FLUOR Fluorescent	T O F Top of Framing																																																																																																																																																																																																																																													
F O F Face of Finish	TOL Tolerance																																																																																																																																																																																																																																													
F O M Face of Masonry	T O P Top of Plate																																																																																																																																																																																																																																													
F O S Face of Stud	T O S Top of Sill																																																																																																																																																																																																																																													
F O STL Face of Steel	T O STL Top of Steel																																																																																																																																																																																																																																													
F W Face of Wall	T O W Top of Wall																																																																																																																																																																																																																																													
FPL Fireplace	T P Top of Pavement																																																																																																																																																																																																																																													
FR From	T R Toilet Room																																																																																																																																																																																																																																													
F R P Fiber Reinforced Plastic	T S F Top of Subfloor																																																																																																																																																																																																																																													
FT Foot, Feet	TV Television																																																																																																																																																																																																																																													
FG Footing	TYP Typical																																																																																																																																																																																																																																													
GA Gauge	UNO Unless Noted Otherwise																																																																																																																																																																																																																																													
GALV Galvanized	UR Urinal																																																																																																																																																																																																																																													
G I Galvanized Iron	UR Urinal																																																																																																																																																																																																																																													
G L B Glass Laminated Beam	V Vent																																																																																																																																																																																																																																													
G S M Galvanized Sheet Metal	VENT Ventilate, Ventilation																																																																																																																																																																																																																																													
H High	VER Verify																																																																																																																																																																																																																																													
H B Hose Bib	VERT Vertical																																																																																																																																																																																																																																													
HC Handcapped	VEST Vestibule																																																																																																																																																																																																																																													
H C Hollow Core	W Wide, Width																																																																																																																																																																																																																																													
H D Hand Dryer	W C Water Closet																																																																																																																																																																																																																																													
HDR Header	WD Wide, Wood																																																																																																																																																																																																																																													
H M Hollow Metal	WDW Window																																																																																																																																																																																																																																													
HOR Horizontal	W GL Wire Glass																																																																																																																																																																																																																																													
HORZ Horizontal	W I Wrought Iron																																																																																																																																																																																																																																													
HR Hour, Hours	W/O Without																																																																																																																																																																																																																																													
HT Height	WP Waterproof																																																																																																																																																																																																																																													
I D Inside diameter	WR Water Resistant																																																																																																																																																																																																																																													
INSUL Insulate, Insulated	WSC Wainscot																																																																																																																																																																																																																																													
INT Interior	WT Weight																																																																																																																																																																																																																																													
JAN Janitor	WWM Welded Wire Mesh																																																																																																																																																																																																																																													
JT Joint	YD Yard																																																																																																																																																																																																																																													
JST Joint	Z Zinc																																																																																																																																																																																																																																													
KD Kiln Dried	& And																																																																																																																																																																																																																																													
LAV Lavatory	X By (e.g. 2X4)																																																																																																																																																																																																																																													
LBR Lumber	@ At																																																																																																																																																																																																																																													
LNGE Lounge	(E) Existing																																																																																																																																																																																																																																													
LS Landscape, Land Surveyor	(N) New																																																																																																																																																																																																																																													
	(P) Proposed																																																																																																																																																																																																																																													
<p>PROJECT TEAM</p> <table border="0"> <tr> <td>OWNER</td> <td>RAJ DHAMI 2100 OLD CALAVERAS RD. MILPITAS, CA 95035 (647) 928-7896</td> </tr> <tr> <td>ARCHITECT</td> <td>DANIEL SILVERNAIL ARCHITECT, INC. 501 MISSION STREET, STE #2 SANTA CRUZ, CA, 95060 (831) 462-9138 www.silvernailarch.com</td> </tr> <tr> <td>GEOTECHNICAL ENGR</td> <td>BARRY MILSTONE 17020 MELODY LANE LOS GATOS, CA 95033 (408) 353-5528</td> </tr> <tr> <td>CIVIL ENGR</td> <td>C2G CIVIL CONSULTANTS GROUP, INC. 4444 SCOTTS VALLEY DRIVE SUITE #6 SCOTT VALLEY, CA (831) 438-4420</td> </tr> <tr> <td>WASTEWTR CONSULT.</td> <td>CHRISTOPHER DAY PO BOX 26 REDWOOD CITY, CA 94064 (650) 293-1045</td> </tr> </table>				OWNER	RAJ DHAMI 2100 OLD CALAVERAS RD. MILPITAS, CA 95035 (647) 928-7896	ARCHITECT	DANIEL SILVERNAIL ARCHITECT, INC. 501 MISSION STREET, STE #2 SANTA CRUZ, CA, 95060 (831) 462-9138 www.silvernailarch.com	GEOTECHNICAL ENGR	BARRY MILSTONE 17020 MELODY LANE LOS GATOS, CA 95033 (408) 353-5528	CIVIL ENGR	C2G CIVIL CONSULTANTS GROUP, INC. 4444 SCOTTS VALLEY DRIVE SUITE #6 SCOTT VALLEY, CA (831) 438-4420	WASTEWTR CONSULT.	CHRISTOPHER DAY PO BOX 26 REDWOOD CITY, CA 94064 (650) 293-1045	<p>REGULATORY REQUIREMENTS</p> <p>1. DEFERRED SUBMITTALS: CONTRACTOR SHALL PREPARE AND SUBMIT DEFERRED SUBMITTAL ITEMS TO ARCHITECT PROMPTLY UPON AWARD OF CONTRACT FOR CONSTRUCTION. DEFERRED SYSTEMS: a. FIRE SPRINKLER SYSTEM.</p>																																																																																																																																																																																																																																
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B SECOND FLOOR AREA ANALYSIS
SCALE: 1/8" = 1'-0"



A FIRST FLOOR AREA ANALYSIS
SCALE: 1/8" = 1'-0"

AREA TABULATION		
STORY	BUILDING PORTION	GROSS AREA
1	EXISTING	4,733
1	SPICE KITCHEN ADDITION	203
1	NORTHERLY ADDITIONS	846
2	EXISTING	1,668
2	BEDROOM ADDITIONS	545
TOTAL		7,995

REVISIONS	
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PREPARED FOR:
RAJ DHAMI
2100 OLD CALAVERAS RD
MILPITAS, CA 95035
(647) 928-7896

Daniel Silvernail Architect, Inc.
501 Mission St Suite #2 - Santa Cruz CA 95060 831.462.9138

BLDG AREA ANALYSIS
SCHEMATIC DESIGN DOCUMENTS
DHAMI RESIDENCE
2100 OLD CALAVERAS RD MILPITAS CA 95035
APN 028310111

DATE: xx/xx/xxxx
JOB#: 20.008
MODELING BY: DSAi
SHEET: SK-1.1
OF 20 SHEETS

DESIGN REVIEW PERMIT SUBMITTAL

SITE NOTES

1. CONDUCT THOROUGH AND COMPLETE INVESTIGATION OF UTILITIES AND OBSTRUCTIONS AFFECTING THE WORK PRIOR TO BEGINNING. CONSULT OWNER REGARDING LOCATIONS OF KNOWN UNDERGROUND UTILITIES. DO NOT PROCEED WITH WORK IN CONFLICT WITH EXISTING CONDITIONS OR OBSTRUCTIONS CONFLICTING WITH THE WORK SHOWN.
2. FINISH GRADES SHALL SLOPE AT MINIMUM 5% AWAY FROM NEW CONSTRUCTION, AND PROVIDE POSITIVE DRAINAGE GRADIENT AWAY FROM NEW CONSTRUCTION. SURFACE WATER MUST NOT BE ALLOWED TO POND OR BE TRAPPED ADJACENT TO BUILDING FOUNDATIONS, BUILDING PADS, OR OTHER TRAFFIC SURFACING.
3. ON-SITE VEGETATION: PROTECT EXISTING LANDSCAPING. PROTECT ALL EXISTING TREES EXCEPT THOSE SPECIFICALLY INDICATED TO BE REMOVED.
5. CONTRACTOR SHALL VERIFY BY SURVEY OR OTHER MEANS ACCEPTABLE TO OWNER ACCURATE RELATIONSHIP OF EXISTING STRUCTURES TO THE PROPERTY LINES PRIOR TO BEGINNING.
6. SEPTIC SYSTEM: PROVIDE COMPLETE SYSTEM AS REQUIRED FOR NEW WORK. SANITARY WASTE PROVISIONS SHALL BE AS PER SEPARATE PERMIT: SEE DOCUMENTATION PREPARED BY PROJECT WASTEWATER CONSULTANT.

REVISIONS	
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 LICENSED ARCHITECT
 DANIEL MATTHEW SILVERNAIL
 C-24335
 #100201
 RENEWAL DATE
 STATE OF CALIFORNIA

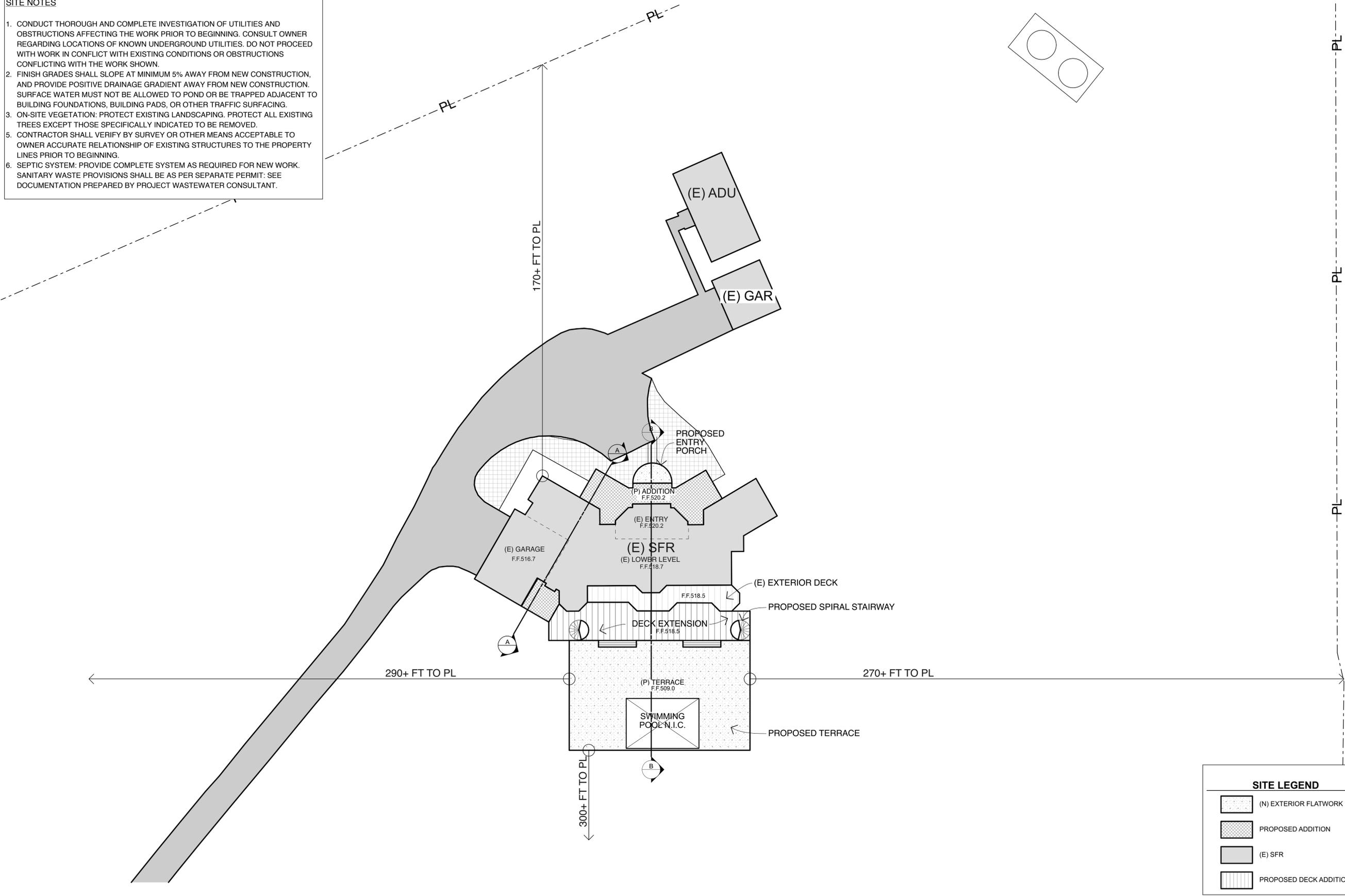
PREPARED FOR:
 RAJ DHAMI
 2100 OLD CALAVERAS RD
 MILPITAS, CA 95035
 (647) 928-7896

Daniel Silvernail Architect, Inc.
 501 Mission St Suite #2 - Santa Cruz CA 95060 831.462.9138

SITE PLAN
 SCHEMATIC DESIGN DOCUMENTS
 DHAMI RESIDENCE
 2100 OLD CALAVERAS RD MILPITAS CA 95035
 APN 029310111

DATE: xx/xx/xxxx
 JOB#: 20.008
 MODELING BY: DSAI
 SHEET: SK-2.0
 OF 20 SHEETS

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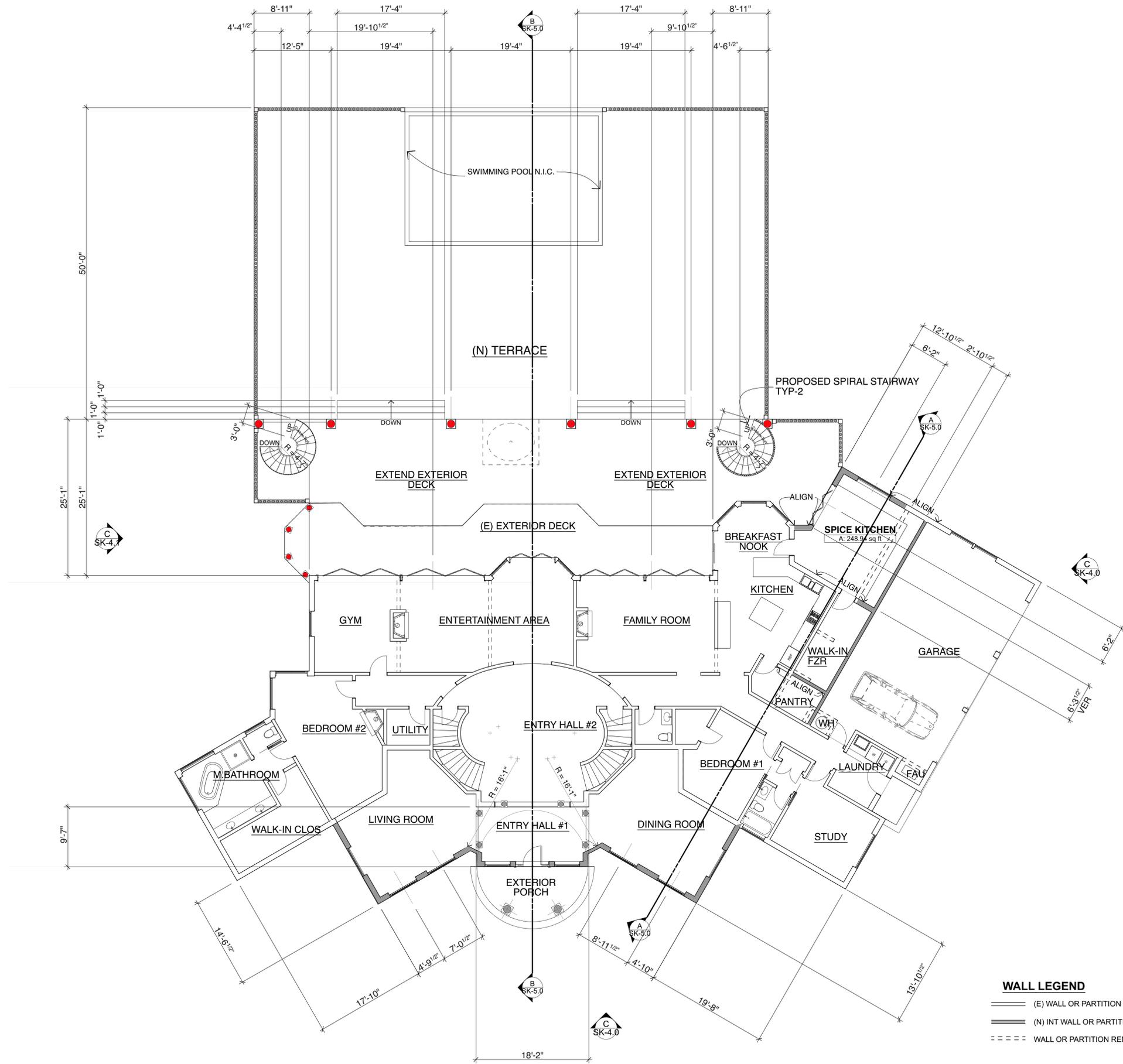


SITE LEGEND	
[Pattern]	(N) EXTERIOR FLATWORK
[Pattern]	PROPOSED ADDITION
[Pattern]	(E) SFR
[Pattern]	PROPOSED DECK ADDITION

A PART. SITE PLAN
 SCALE: 1" = 20'

PRELIMINARY
 THIS IS NOT A SURVEY





A FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

WALL LEGEND
 ——— (E) WALL OR PARTITION
 ——— (N) INT WALL OR PARTITION
 - - - - - WALL OR PARTITION REMOVED



REVISIONS	
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PREPARED FOR:
 RAJ DHAMI
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 MILPITAS, CA 95035
 (647) 928-7896

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 501 Mission St Suite #2 Santa Cruz CA 95060 831.462.9138

FIRST FLOOR PLAN
 SCHEMATIC DESIGN DOCUMENTS
 DHAMI RESIDENCE
 2100 OLD CALAVERAS RD MILPITAS CA 95035
 APN 02931011

DATE	xx/xx/xxxx
JOB#	20.008
MODELING BY	DSA
SHEET	SK-3.0
OF	20 SHEETS

DESIGN REVIEW PERMIT SUBMITTAL

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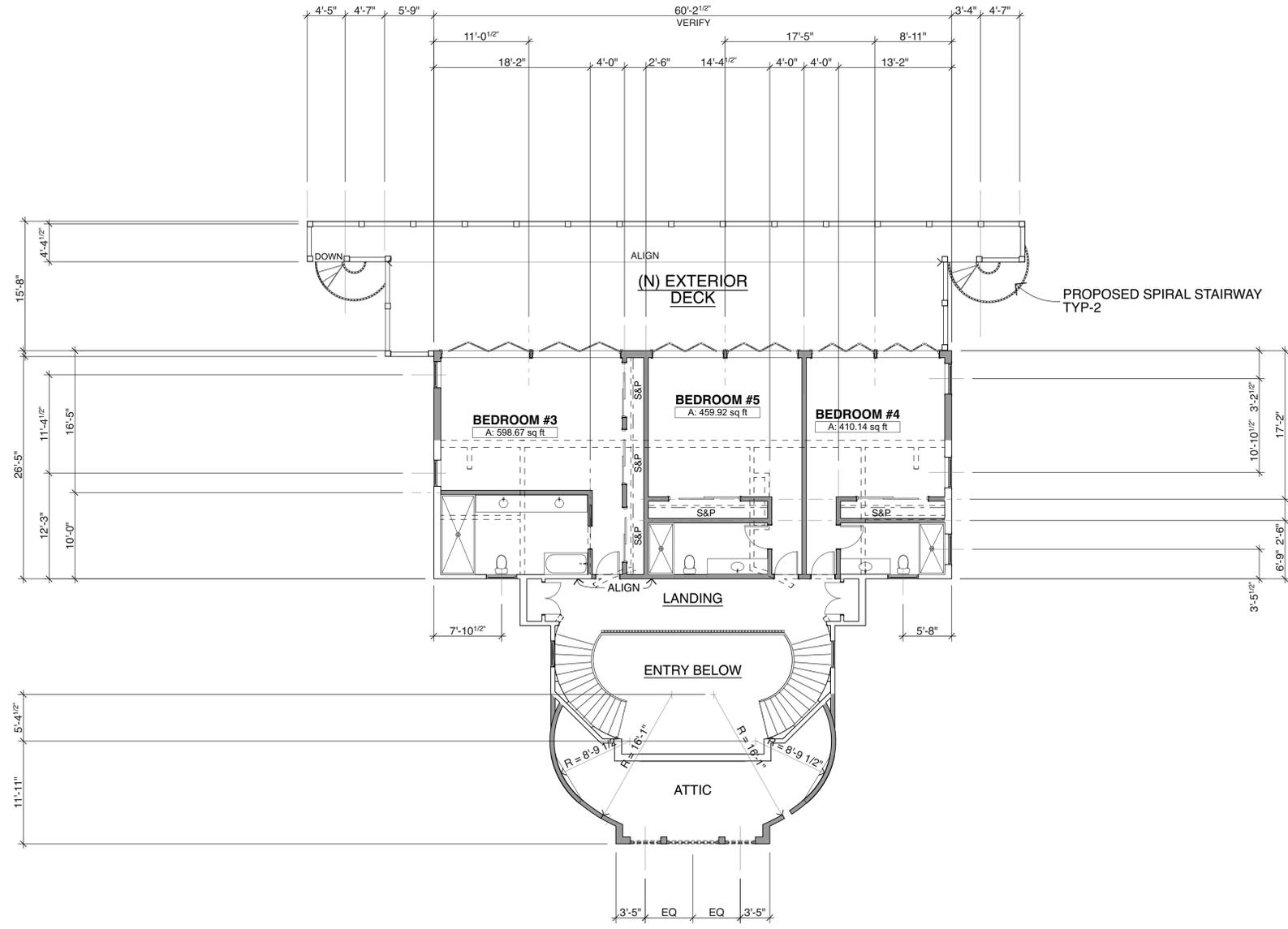
LICENSED ARCHITECT
 DANIEL MATTHEW SILVERNAIL
 C-24335
 6/30/2021
 RENEWAL DATE
 STATE OF CALIFORNIA

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 MILPITAS, CA 95035
 (647) 928-7896

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 501 Mission St Suite #2 Santa Cruz CA 95060 831.462.9138

SECOND FLOOR PLAN
 SCHEMATIC DESIGN DOCUMENTS
 DHAMI RESIDENCE
 2100 OLD CALAVERAS RD MILPITAS CA 95035
 APN 02831011

DATE: xx/xx/xxxx
 JOB#: 20.008
 MODELING BY: DSAI
 SHEET: SK-3.1
 OF 20 SHEETS



A SECOND FLOOR PLAN
 SCALE: 1/8" = 1'-0"



DESIGN REVIEW PERMIT SUBMITTAL

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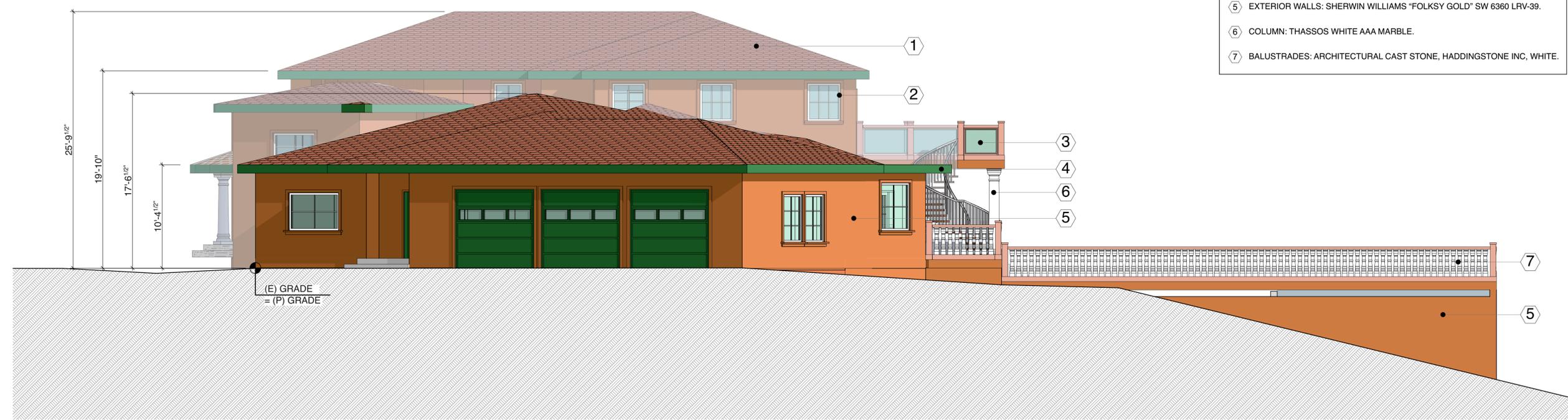


PREPARED FOR:
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 MILPITAS, CA 95035
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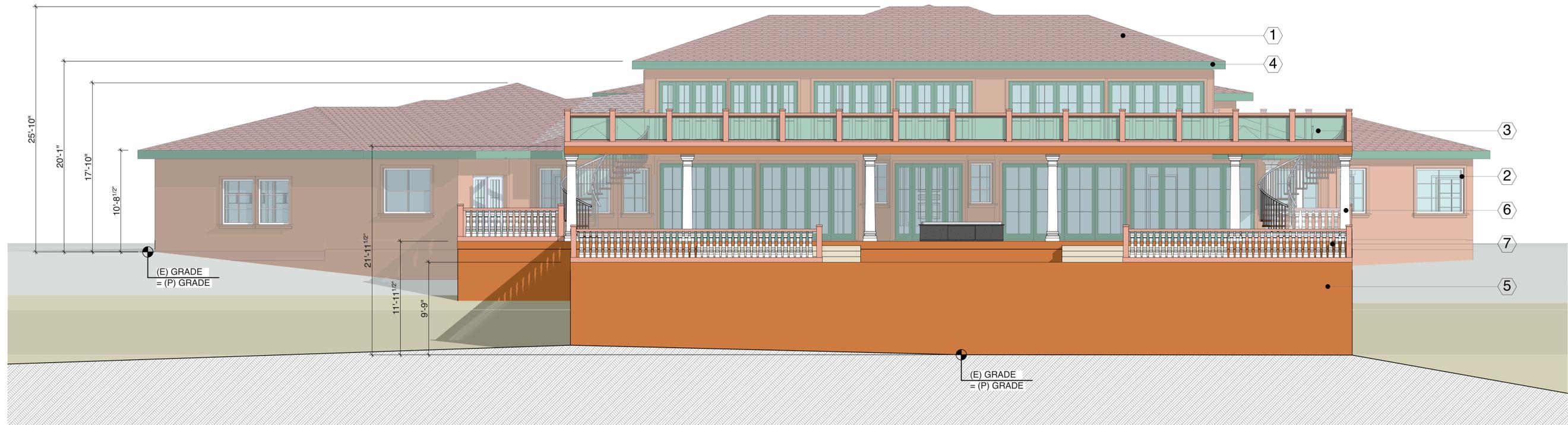
A NORTH ELEVATION
 SCALE: 3/16" = 1'-0"

- KEY TO COLORS:**
- ① ROOFING: US TILE (BORAL) MISSION TILE, CARMEL BLEND.
 - ② WINDOW FRAMES: MILGARD, INCORPORATED. WHITE VINYL, LRV-70.
 - ③ RAILINGS: GLASS.
 - ④ TRIM: SHERWIN WILLIAMS "ARUGULA" SW 6446 LRV-10.
 - ⑤ EXTERIOR WALLS: SHERWIN WILLIAMS "FOLKSY GOLD" SW 6360 LRV-39.
 - ⑥ COLUMN: THASSOS WHITE AAA MARBLE.
 - ⑦ BALUSTRADES: ARCHITECTURAL CAST STONE, HADDINGSTONE INC, WHITE.



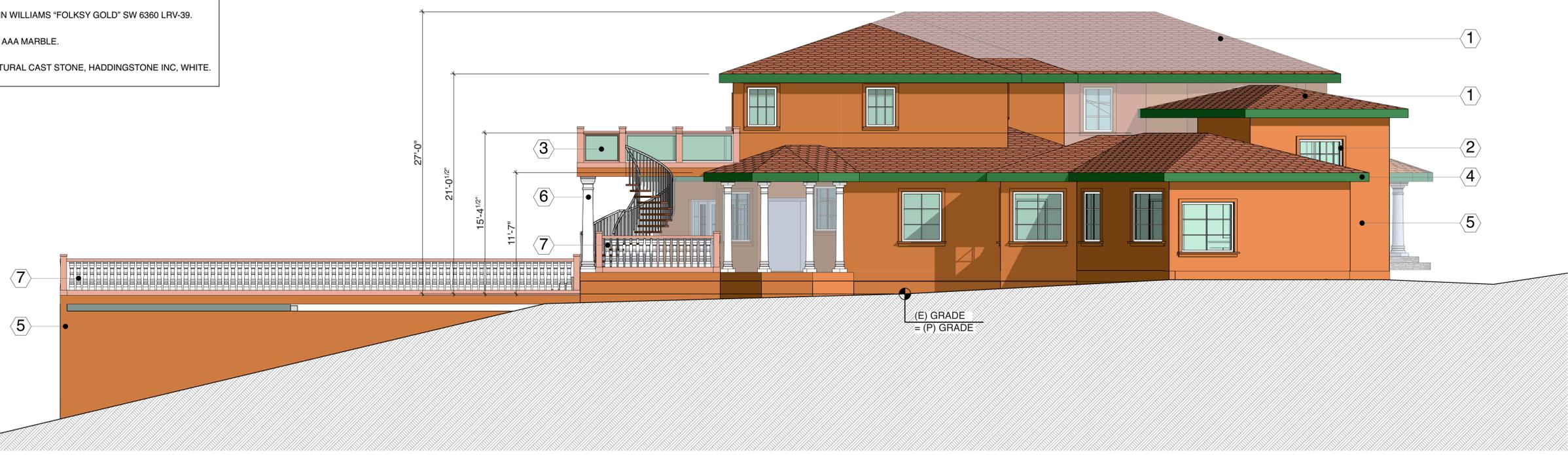
B WEST ELEVATION
 SCALE: 3/16" = 1'-0"

Daniel Silvernail Architect, Inc.
 501 Mission St Suite #2 - Santa Cruz CA 95060 - 831.462.9138
 ELEVATIONS
 SCHEMATIC DESIGN DOCUMENTS
 DHAMI RESIDENCE
 2100 OLD CALAVERAS RD MILPITAS CA 95035
 APN 02931011
DESIGN REVIEW PERMIT SUBMITTAL
 DATE: xx/xx/xxxx
 JOB#: 20.008
 MODELING BY: DSAI
 SHEET: SK-4.0
 OF 20 SHEETS



A SOUTH ELEVATION
SCALE: 3/16" = 1'-0"

- KEY TO COLORS:**
- ① ROOFING: US TILE (BORAL) MISSION TILE, CARMEL BLEND.
 - ② WINDOW FRAMES: MILGARD, INCORPORATED. WHITE VINYL, LRV-70.
 - ③ RAILINGS: GLASS.
 - ④ TRIM: SHERWIN WILLIAMS "ARUGULA" SW 6446 LRV-10.
 - ⑤ EXTERIOR WALLS: SHERWIN WILLIAMS "FOLKSY GOLD" SW 6360 LRV-39.
 - ⑥ COLUMN: THASSOS WHITE AAA MARBLE.
 - ⑦ BALUSTRADES: ARCHITECTURAL CAST STONE, HADDINGSTONE INC, WHITE.



B EAST ELEVATION
SCALE: 3/16" = 1'-0"

REVISIONS	
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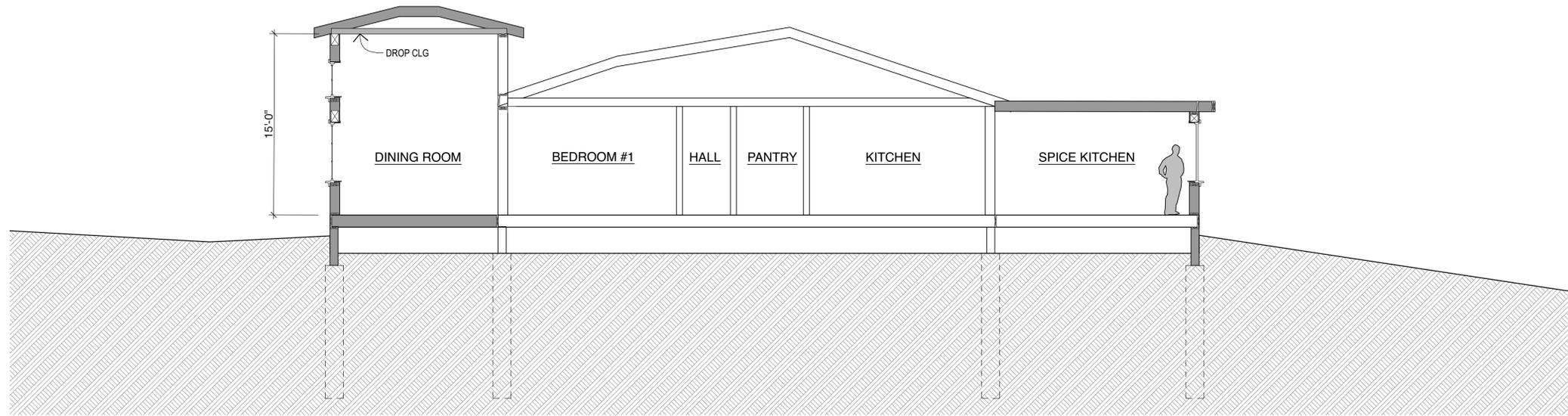
PREPARED FOR:
RAJ DHAMI
2100 OLD CALAVERAS RD
MILPITAS, CA 95035
(647) 928-7896

Daniel Silvernail Architect, Inc.
501 Mission St Suite #2 - Santa Cruz CA 95060 - 831-462-9138

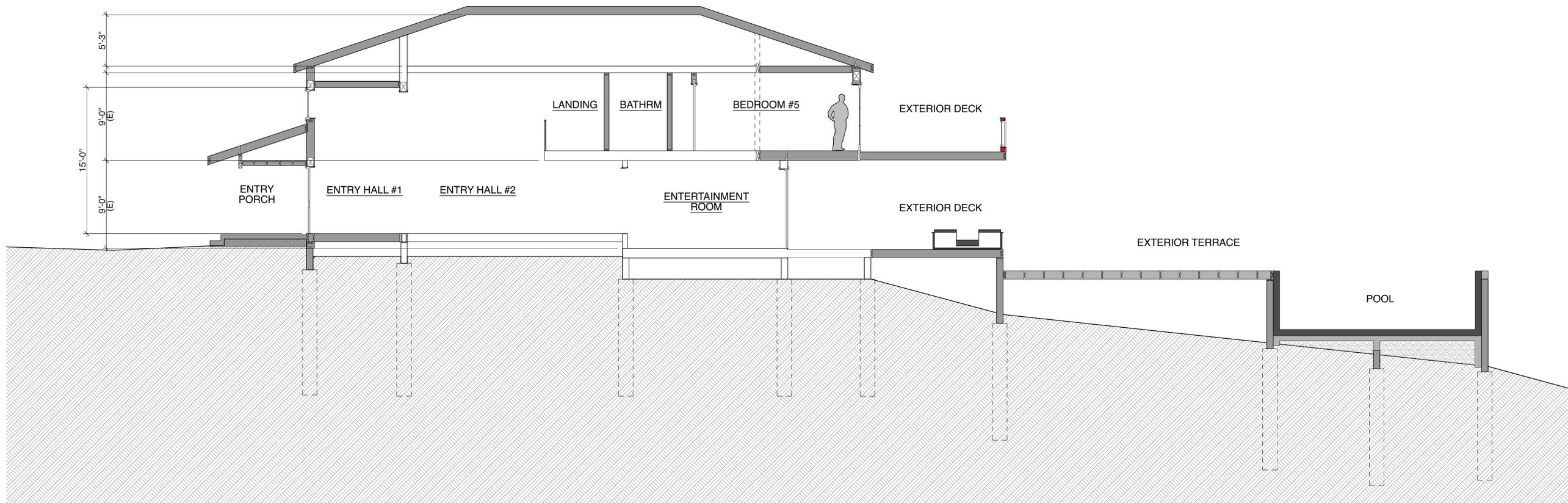
ELEVATIONS
SCHEMATIC DESIGN DOCUMENTS
DHAMI RESIDENCE
2100 OLD CALAVERAS RD MILPITAS CA 95035
APN 02931011

DATE	xx/xx/xxxx
JOB#	20_008
MODEL-ING BY	DSAi
SHEET	SK-4.1
OF	20 SHEETS

DESIGN REVIEW PERMIT SUBMITTAL



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



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

REVISIONS	
DATE	#
12-11-20	1
	2
	3
	4
	5

12/18/20 3:57 PM



PREPARED FOR:
RAJ DHAMI
2100 OLD CALAVERAS RD
MILPITAS, CA 95035
(647) 928-7896

Daniel Silvernail Architect, Inc.
501 Mission St Suite #2 - Santa Cruz CA 95060 831.462.9138

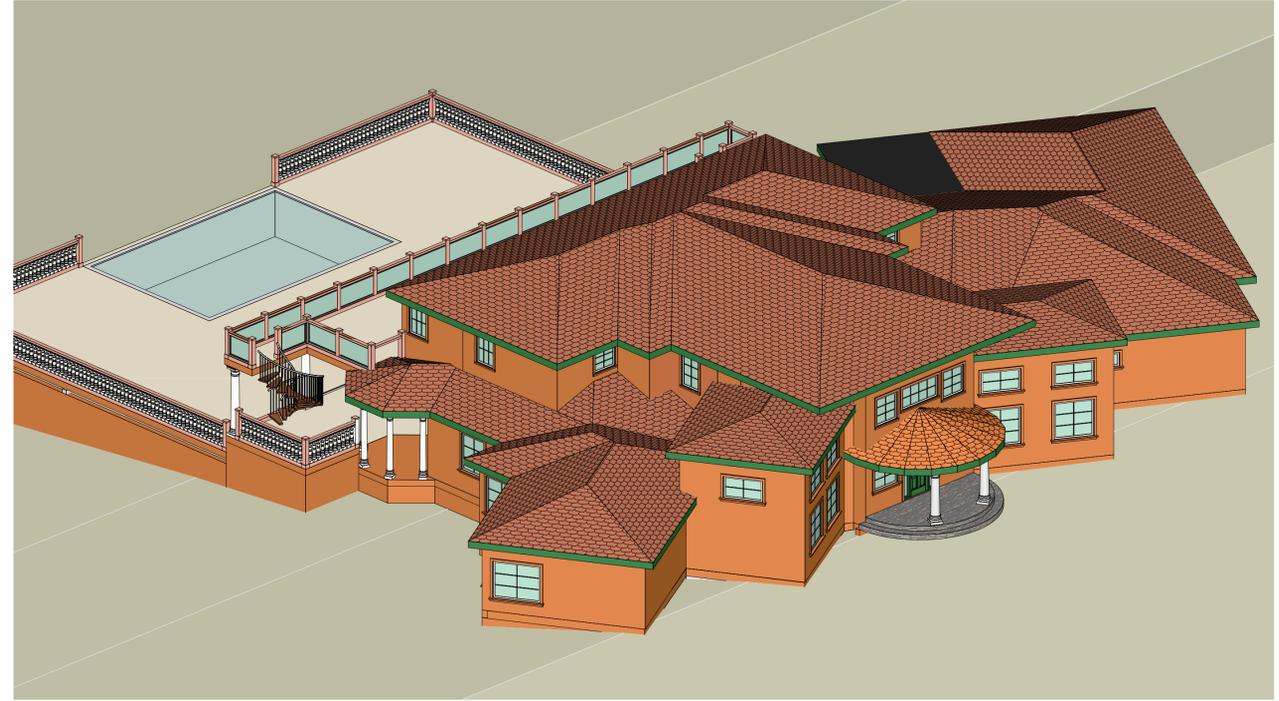
BUILDING SECTIONS
SCHEMATIC DESIGN DOCUMENTS
DHAMI RESIDENCE
2100 OLD CALAVERAS RD MILPITAS CA 95035
APN 029310111

DATE: xx/xx/xxxx
JOB#: 20.008
MODELING BY: DSAI
SHEET: SK-5.0
OF 20 SHEETS

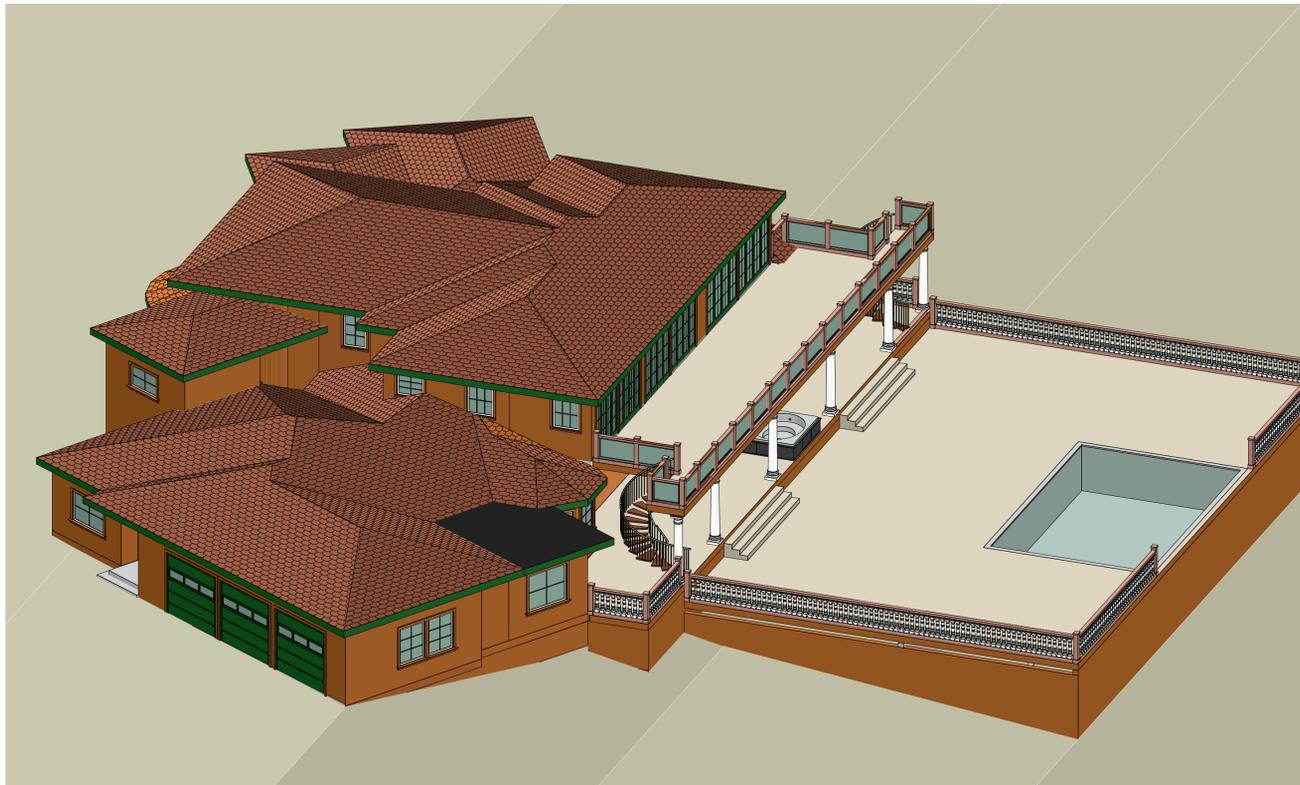
DESIGN REVIEW PERMIT SUBMITTAL



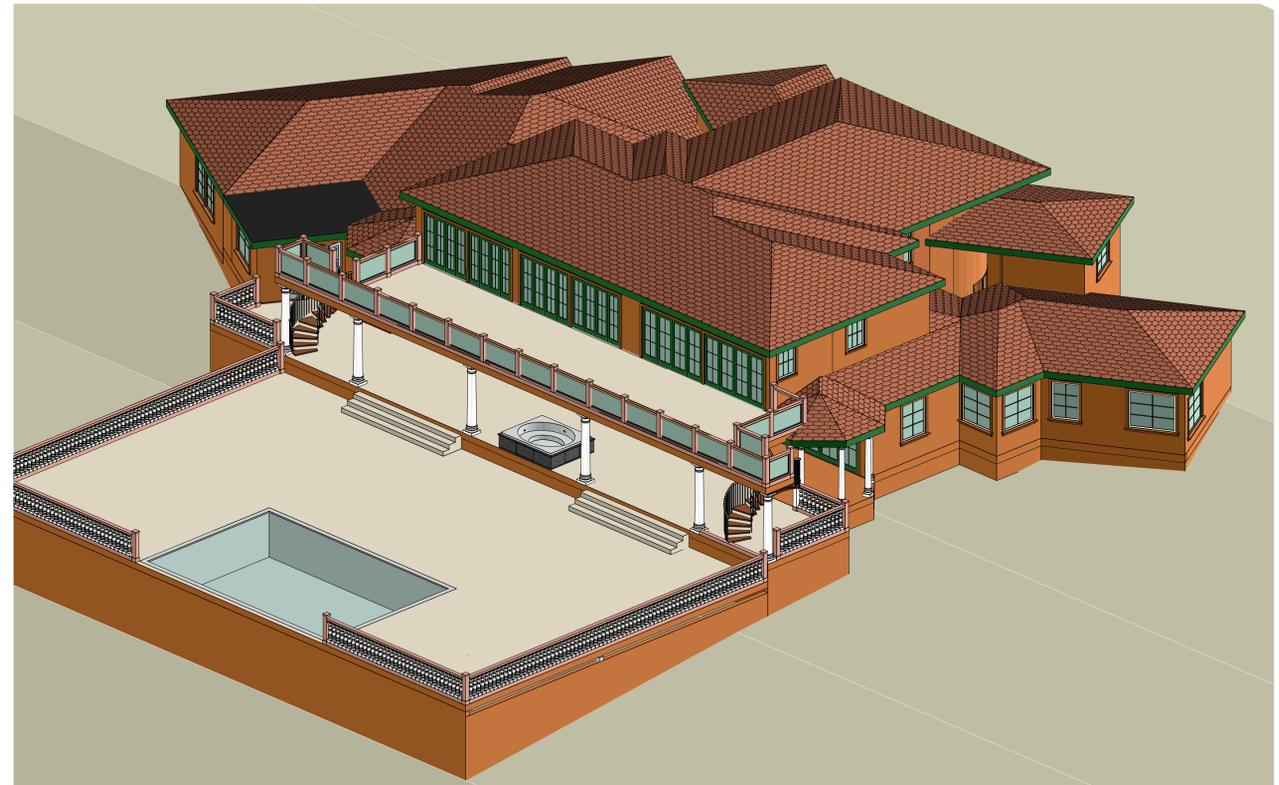
A NORTHWEST AXONOMETRIC
SCALE: 3/32" = 1'-0"



B NORTHEAST AXONOMETRIC
SCALE: 3/32" = 1'-0"



C SOUTHWEST AXONOMETRIC
SCALE: 3/32" = 1'-0"



D SOUTHEAST AXONOMETRIC
SCALE: 3/32" = 1'-0"

REVISIONS	
DATE	#
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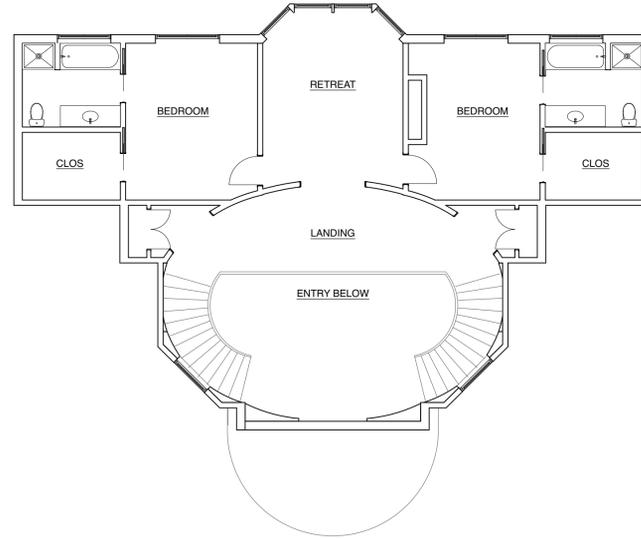
PREPARED FOR:
RAJ DHAMI
2100 OLD CALAVERAS RD
MILPITAS, CA 95035
(647) 928-7696

Daniel Silvernail Architect, Inc.
501 Mission St Suite #2 - Santa Cruz CA 95060 - 831.462.9138

AXONOMETRICS
SCHEMATIC DESIGN DOCUMENTS
DHAMI RESIDENCE
2100 OLD CALAVERAS RD MILPITAS CA, 95035
APN 02931011

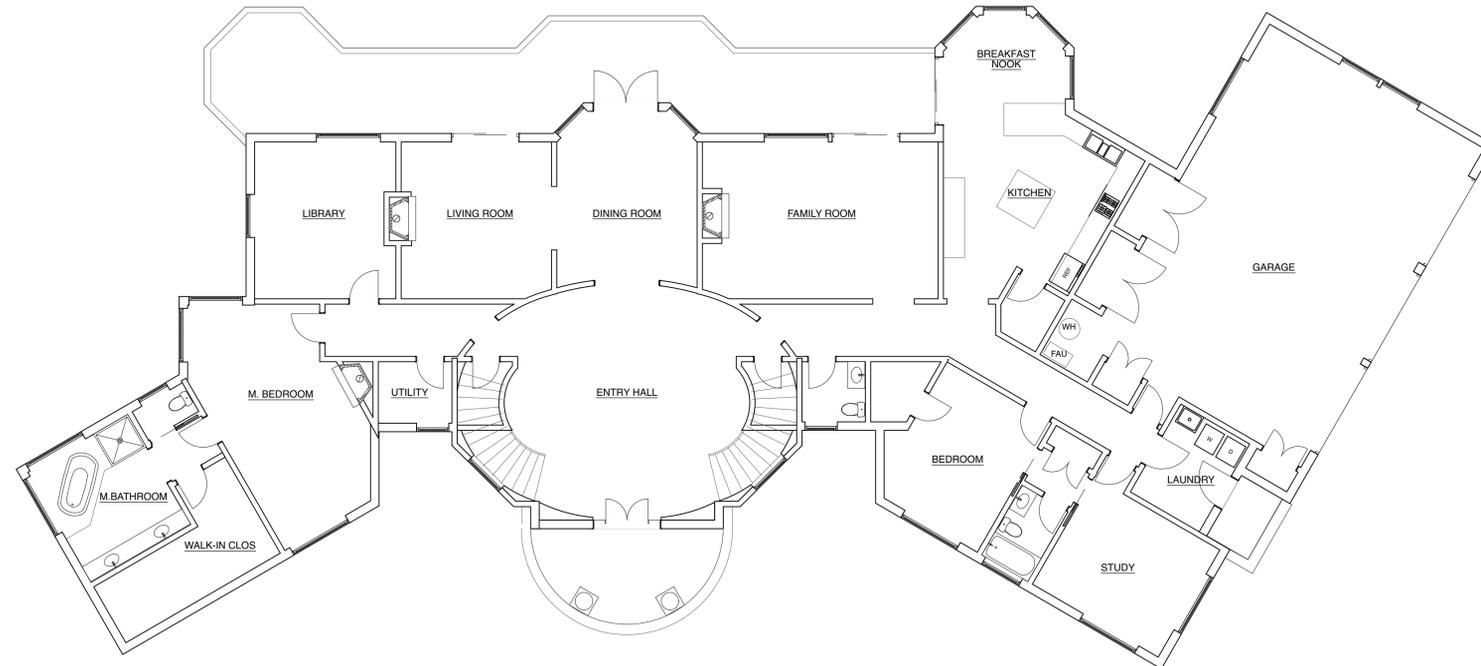
DATE	xx/xx/xxxx
JOB#	20.008
MODELING BY	DSAi
SHEET	SK-6.0
OF	20 SHEETS

DESIGN REVIEW PERMIT SUBMITTAL



B EXISTING SECOND FLOOR PLAN
SCALE: 1/8" = 1'-0"

THIS IS NOT A SURVEY



A EXISTING FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

THIS IS NOT A SURVEY



REF NORTH

REVISIONS	
DATE	#
12-11-20	1
	2
	3
	4
	5
12/18/20	3:57 PM

PREPARED FOR:
RAJ DHAMI
2100 OLD CALAVERAS RD
MILPITAS, CA 95035
(647) 928-7896

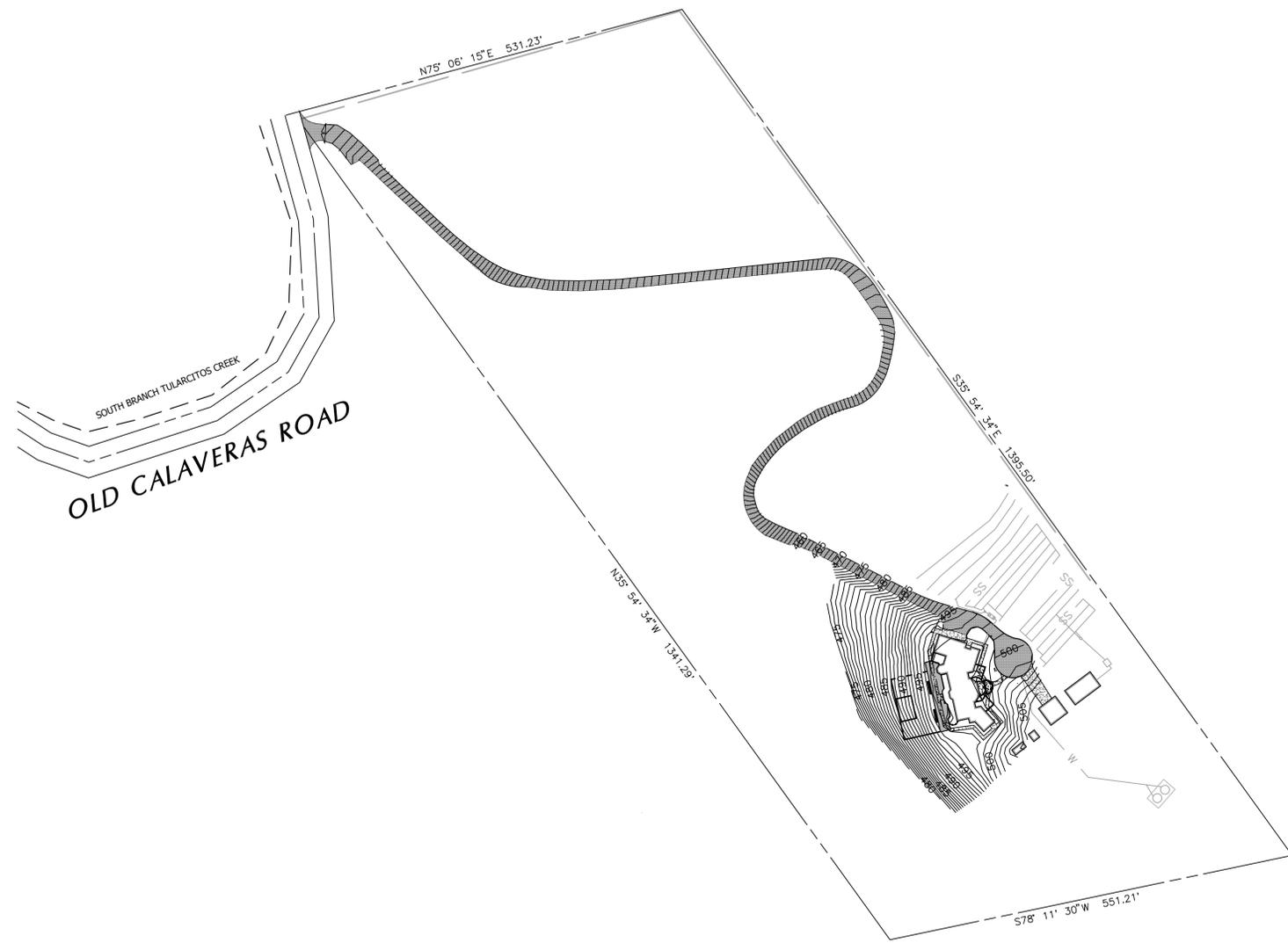
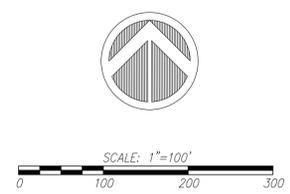
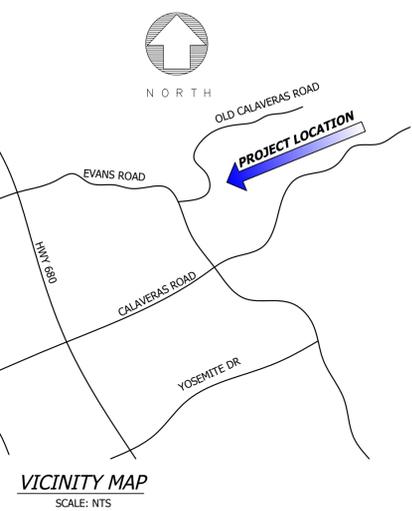
Daniel Silvernail Architect, Inc.
501 Mission St Suite #2 - Santa Cruz CA 95060 831.462.9138

EXISTING CONDITIONS
SCHEMATIC DESIGN DOCUMENTS
DHAMI RESIDENCE
2100 OLD CALAVERAS RD MILPITAS CA 95035
APN 029310111

DATE	xx/xx/xxxx
JOB#	20.008
MODELING BY	DSAi
SHEET	EX-1
OF	20 SHEETS

DESIGN REVIEW PERMIT SUBMITTAL

ALTERATIONS AND ADDITIONS TO DHAMI'S RESIDENCE 2100 OLD CALAVERAS ROAD, MILPITAS, CA APN: 029-31-011



CONTRACTOR RESPONSIBILITY

CONTRACTOR AGREES THAT HE SHOULD ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY, DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, AND THAT REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED DURING WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE DESIGN PROFESSIONALS HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR DESIGN PROFESSIONAL.

DISCREPANCIES

IF THERE ARE ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS WHICH WILL AFFECT THE WORK, THE CONTRACTOR SHALL BRING SUCH DISCREPANCIES TO THE DESIGN PROFESSIONAL FOR ADJUSTMENT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF ALL WORK AND FOR THE COORDINATION OF ALL TRADES, SUBCONTRACTORS, AND PERSONS ENGAGED UPON THIS CONTRACT.

CONSTRUCTION SURVEYING / STAKING

CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL SURVEYING AND OR STAKING BY A LICENSED SURVEYOR FOR ALL CONSTRUCTION PURPOSES.

AS-BUILT NOTE

AN 'AS-BUILT' PLAN SHALL BE PREPARED BY THE CONTRACTOR AND CERTIFIED BY THE PROJECT ENGINEER THAT ALL WORK HAS BEEN COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.

UNAUTHORIZED CHANGES AND USES

CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THE PLANS.

GENERAL NOTES

- NO CHANGE TO THE PLANS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL BY THE OWNER OR OWNERS REPRESENTATIVES.
- CONTRACTOR SHALL VERIFY LOCATIONS, ELEVATIONS AND INVERTS OF EXISTING UTILITY PRIOR TO COMMENCEMENT OF WORK AND SHALL NOTIFY OWNER OR OWNERS REPRESENTATIVES OF VARIANCE FROM THOSE SHOWN ON THE PLANS.
- UNDERGROUND FACILITIES AND UTILITIES HAVE BEEN SHOWN BASED ON RECORD DRAWINGS AND VISIBLE EVIDENCE FOUND IN FIELD. NO WARRANTY IS MADE REGARDING THE COMPLETENESS OR ACCURACY OF SUCH INFORMATION. PRIOR TO CONSTRUCTION, DETERMINE THE EXACT LOCATION OF UNDERGROUND FACILITIES AND UTILITIES, AND PRESERVE SAME FROM DAMAGE. PRIOR TO CONSTRUCTION, VERIFY LOCATION AND ELEVATION OF EXISTING UNDERGROUND UTILITIES AT THE CROSSING POINTS WITH PROPOSED UTILITIES. THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNERS REPRESENTATIVES IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE DRAWINGS AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITION HAS BEEN EVALUATED. CONTACT UNDERGROUND SERVICES ALERT (USA) (1-800-227-2600) TWO (2) WEEKS PRIOR TO DIGGING. REPAIR UNDERGROUND UTILITIES DAMAGED BY CONSTRUCTION OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES ASSOCIATED WITH CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE UNDERGROUND FACILITIES AND UTILITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION WITH THE APPROPRIATE UTILITY COMPANIES AND/OR AGENCIES TO VERIFY THE EXISTENCE AND/OR LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF WORK. AND SHALL NOTIFY U.S.A. @ (800) 227-2600 AT LEAST 48-HOURS IN ADVANCE OF EXCAVATION.
- IF ANY INDICATIONS OF ARCHEOLOGICAL REMAINS ARE ENCOUNTERED DURING GRADING ACTIVITIES FOR ANY DEVELOPMENT WITHIN THE PROJECT SITE, ALL WORK SHALL BE HALTED WITHIN 200 FOOT RADIUS OF THE FIND. OWNER SHALL RETAIN A QUALIFIED ARCHEOLOGIST RETAINED TO DETERMINE THE NATURE OF THE DISCOVERY AND RECOMMEND APPROPRIATE EVALUATION PROCEDURES.
- CONTRACTOR SHALL BE FAMILIAR WITH, KEEP AND MAINTAIN A COPY OF THE MITIGATION MONITORING AND REPORTING PROGRAM (MMRP) ONSITE, IN THE JOB TRAILER AT ALL TIMES.

UTILITY NOTE:

CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS. CALL USA (800) 227-2600. CONTRACTOR TO NOTIFY ENGINEER OF ANY APPARENT CONFLICTS FOR RESOLUTION PRIOR TO START OF CONSTRUCTION.

ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
ACCP	SPUN CONCRETE PIPE
BFC	BOTTOM FACE OF CURB
BFP	BACK FLOW PREVENTER
BFS	BOTTOM FACE OF STEP
BLDG	BUILDING
BO	BLOW OFF VALVE
C	CONCRETE
CATV	CABLE TELEVISION
CB	CATCH BASIN
CIP	CAST IRON PIPE
CL	CENTERLINE
CONC	CONCRETE
COR	CORNER
DCDA	DOUBLE CHECK DETECTOR ASSEMBLY
DI	DROP INLET/DITCH INLET
DIP	DUCTILE IRON PIPE
DWY	DRIVEWAY
EC	EDGE OF CONCRETE
EP	EDGE OF PAVEMENT
EG	EXISTING GRADE
EGRVL	EDGE OF GRAVEL
ER	END OF RETURN
(E)	EXISTING
FC	FLUSH CURB
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
GB	GRADE BREAK
GF	GARAGE FINISH FLOOR @ GARAGE DOOR
HP	HIGH POINT
INV	INVERT
JP	JOINT POLE
LP	LOW POINT
MAX	MAXIMUM
ME	MATCH EXISTING
MIN	MINIMUM
NAP	NOT A PART
NG	NATURAL GROUND
PL	PROPERTY LINE
PSE	PUBLIC SERVICE EASEMENT
R/W	RIGHT OF WAY
SDMH	STORM DRAIN MANHOLE
SLB	SLAB
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
TC	TOP OF CURB
TYP	TYPICAL
UG	UNDERGROUND GAS LINE
UT	UNDERGROUND TELEPHONE LINE
WV	WATER VALVE

INDEX

- C0.1 - COVER
- C1.1 - EXISTING CONDITIONS AND DEMOLITION PLAN
- C2.1 - OVERALL CIVIL SITE PLAN
- C3.1 - GRADING AND DRAINAGE PLAN
- C4.1 - FIRE PREVENTION PLAN
- C4.2 - FIRE PREVENTION PLAN
- C5.1 - EROSION CONTROL PLAN
- C5.2 - EROSION CONTROL DETAILS
- C5.3 - EROSION CONTROL DETAILS

PROJECT DATA:

NEW + EXISTING STRUCTURE AREAS	
STRUCTURE	SQ. FT
ADU	1025
DETACHED GARAGE	795
SHED	125
SHED 2	161
MAIN RESIDENCE	7455
TERRACE	4139
DECK	2450
TOTAL	16150

REVISIONS	BY
1 COUNTY COMMENTS DATED 10/28/20	DD

COVER SHEET



C2G CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
44000 Stevens Valley Rd., Suite 6
Stevens Valley, CA 95066
T (831) 438-4420 F (831) 438-4420

DHAMI RESIDENCE
2100 OLD CALAVERAS RD
MILPITAS CA 95035

Date: 11/13/2020
Scale: 1" = 100'
Drawn: DD
Job: 9010.01
Sheet: C0.1
Of 9 Sheets

Call Two Working Days Before You Dig!

1-800-642-2444



SCALE: 1"=10'
0 10 20 30

ABBREVIATIONS

- AB AGGREGATE BASE
- AC ASPHALT CONCRETE
- BLDG BUILDING
- CONC CONCRETE
- EP EDGE OF PAVEMENT
- EL ELEVATION
- FL FLOWLINE
- GB GRADE BREAK
- G GROUND
- INV INVERT ELEVATION
- LP LOW POINT
- NAP NOT A PART
- NG NATURAL GROUND
- PSDE PRIVATE STORM DRAIN EASEMENT
- PUE PUBLIC UTILITY EASEMENT
- PL PROPERTY LINE
- SD STORM DRAIN
- SDDI STORM DRAIN DROP INLET
- SDMH STORM DRAIN MANHOLE
- SS SANITARY SEWER
- SSCO SANITARY SEWER CLEAN OUT
- TG TOP OF GRATE
- UG UNDERGROUND
- W WATER
- FM FORCE MAIN

IMPACTED AREA DEMO

- CONCRETE =684 SF
- BRICK, TILE, PAVERS =181 SF

REVISIONS	BY
1 COUNTY COMMENTS DATED 10/28/20	DD

**EXISTING CONDITIONS
AND DEMOLITION PLAN**

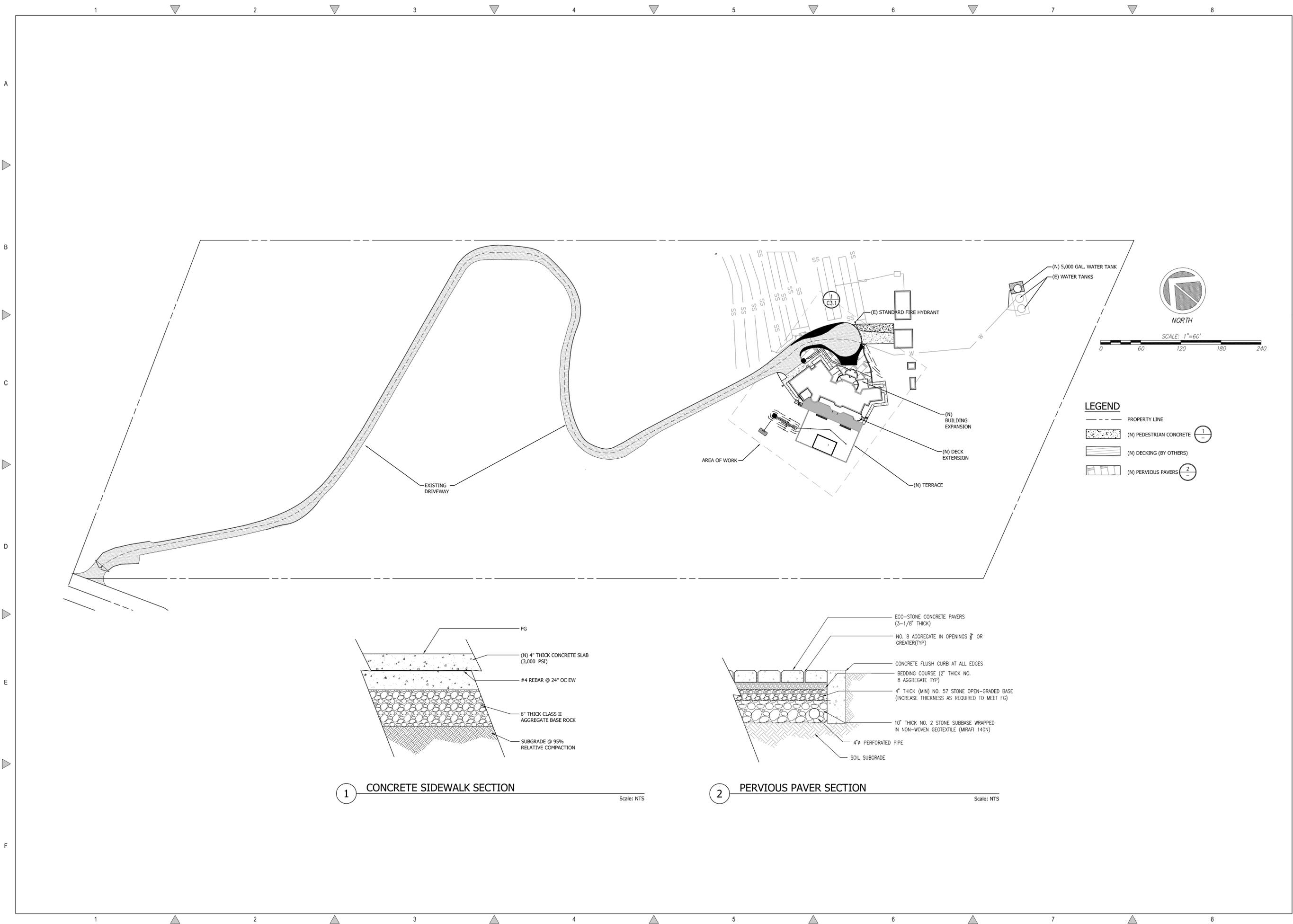


C2G CIVIL CONSULTANTS GROUP, INC.
 Engineers/Planners
 4000 Old Calaveras Rd, Suite 6
 Milpitas, CA 95035
 T (831) 438-4420 F (831) 438-4420

**DHAMI RESIDENCE
2100 OLD CALAVERAS RD
MILPITAS CA 95035**

Date:	11/13/2020
Scale:	1" = 10'
Drawn:	DD
Job:	9010.01
Sheet:	C1.1
Of	9 Sheets

Drawing: Z:\Shared\CAD\9010.01 - Dhami Residence\Utility\CAD Sheets\9010.01 - C1 - EXISTING CONDITIONS AND DEMOLITION PLAN.dwg Layout: 2/4/20 Last Saved: Tue Dec 08, 2020 - 4:49pm Last Printed: Tue Dec 08, 2020 - 2:53pm By: Dave



REVISIONS	BY
1 COUNTY COMMENTS DATED 10/28/20	DD

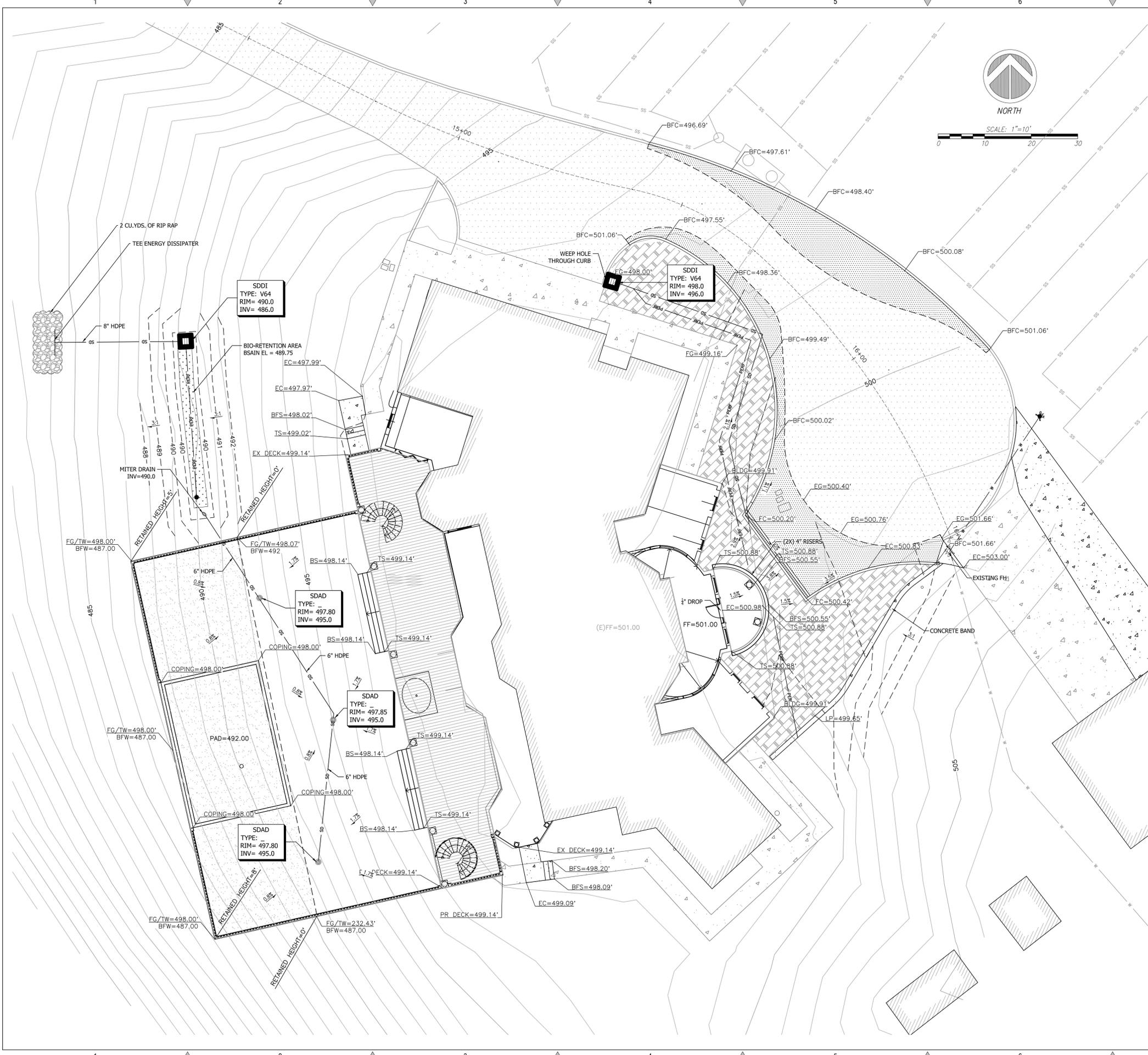
OVERALL SITE PLAN

C2G / CIVIL CONSULTANTS GROUP, INC.
 Engineers/Planners
 1400 Old Calaveras Rd., Suite 6
 Milpitas, CA 95045
 T (831) 438-4420 F (831) 438-4420

DHAMI RESIDENCE 2100 OLD CALAVERAS RD MILPITAS CA 95035

Date:	11/13/2020
Scale:	1" = 60'
Drawn:	DD
Job:	9010.01
Sheet:	C2.1
Of	9 Sheets

Drawing: 2. Dhamsi CAD 9010.01 - Dhamsi Residential Design CAD Sheets 9010.01 - C2.1 - CIVIL SITE PLAN.dwg Layout: C2.1 Last Saved: Tue Dec 08, 2020 - 1:46pm Last Plotted: Fri Dec 18, 2020 - 12:27pm By: Dave



SCALE: 1"=10'
0 10 20 30

PERFORMANCE REQUIREMENT NO. 1 SITE DESIGN AND RUNOFF REDUCTION CERTIFICATION

DESIGN STRATEGY	INCORPORATED?
1. Limit disturbance of creeks and natural drainage features.	✓
2. Minimize compaction of highly permeable soils.	✓
3. Limit clearing and grading of native vegetation at the site to the minimum area needed to build the project, allow access, and provide fire protection.	✓
4. Minimize impervious surfaces by concentrating improvements on the least sensitive areas of the site, while leaving the remaining land in a natural undisturbed state.	✓
5. Minimize stormwater runoff by implementing one or more of the following design measures:	
a) Direct roof runoff into cisterns or rain barrels for reuse.	✓
b) Direct roof runoff onto vegetated areas safely away from building foundations and footings.	✓
c) Direct runoff from sidewalks, walkways, and/or patios onto vegetated areas safely away from building foundations and footings.	✓
d) Direct runoff from driveways and/or uncovered parking lots onto vegetated areas safely away from building foundations and footings.	✓
e) Construct bike lanes, driveways, uncovered parking lots, sidewalks, walkways, and patios with permeable surfaces.	✓

I, TODD CREAMER, acting as the Project Engineer for DHAMI RESIDENCE project, located at 2100 OLD CALAVERAS ROAD, hereby state that the Site Design and Runoff Reduction design strategies indicated above have been incorporated into the design of the project.

Signature _____ Date _____

EARTHWORK QUANTITIES

NOTE: THE EARTHWORK QUANTITIES SHOWN HEREON ARE EXCLUSIVE OF WALL FOOTINGS, EXISTING PAVEMENT REMOVAL AND OVER EXCAVATION AND RECOMPACTION, UTILITY TRENCH SPOILS & SOIL EXPANSION AND CONTRACTION FACTORS.

DESCRIPTION	CUT (cu.yds)	FILL (cu.yds)	NET (cu.yds)	MAX CUT (cu.ft) HEIGHT	MAX FILL (cu.ft) HEIGHT
BUILDING PADS	78	0	78(C)	3	0
DRIVEWAY IMP	81	0	81(C)	2	0
SITE GRADING	67	22	45(C)	2	1
PIERS	100	100	0	15	15
POOL PAD	0	182	182(F)	0	5
RETAINING WALLS	35	0	0	5	0
TOTAL	361	304	56(C)		

NET VOLUME = 56 CU.YDS. OF CUT

THE ABOVE QUANTITIES ARE FOR INFORMATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE NECESSARY CUT AND FILL TO ACCOMPLISH FINISH GRADE SHOWN ON THESE PLANS.

NEW/ REPLACED IMPERVIOUS AREAS

	SQ. FT
ROOF-BLDG	1049
DECK (N/A)	1436
CONCRETE-TER	4130
CONCRETE-SID	90
PERVIOUS PAV 10%	216
TOTAL	5485

LEGEND

	CONCRETE
	DECKING (BY OTHERS)
	PROPERTY LINE
	PERVIOUS PAVERS

REVISIONS	BY
1 COUNTY COMMENTS DATED 10/28/20	DD

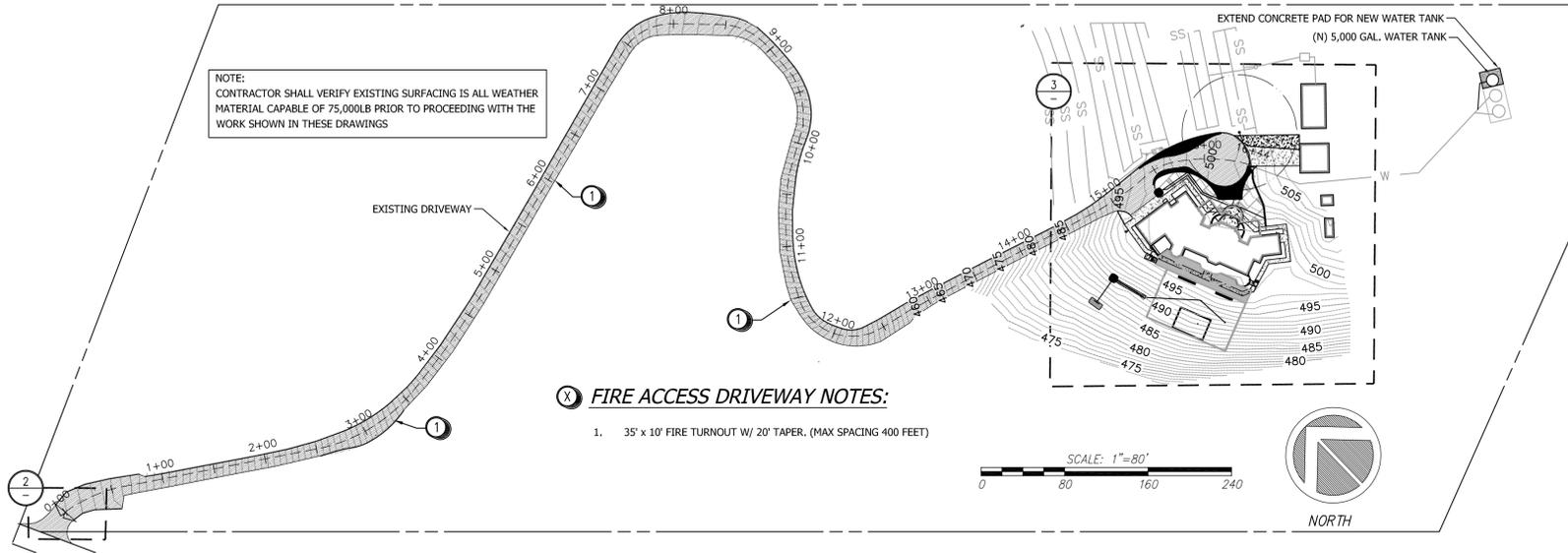
GRADING AND DRAINAGE PLAN



C2G CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
44000 Old Calaveras Road, Suite 6
Milpitas, CA 95065
T (831) 438-4420 F (831) 438-4420

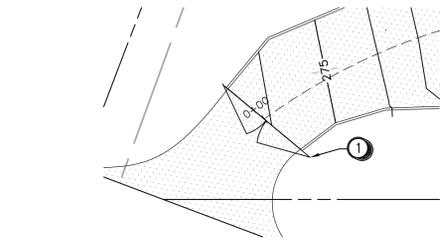
DHAMI RESIDENCE
2100 OLD CALAVERAS RD
MILPITAS CA 95035

Date: 11/13/2020
Scale: 1" = 10'
Drawn: DD
Job: 9010.01
Sheet: **C3.1**
Of 9 Sheets



1 EXISTING DRIVEWAY PLAN

Scale: 1"=80'

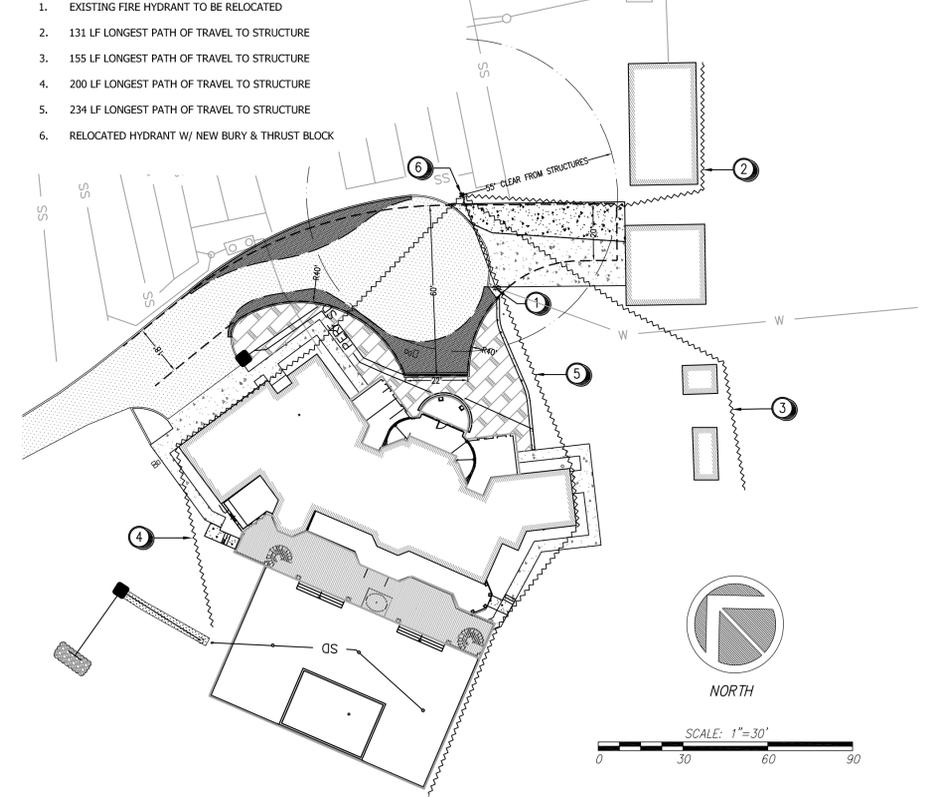


2 ENLARGED PLAN FOR DRIVEWAY ENTRY

Scale: 1"=80'

(X) FIRE PREVENTION PATH OF TRAVEL NOTES:

1. EXISTING FIRE HYDRANT TO BE RELOCATED
2. 131 LF LONGEST PATH OF TRAVEL TO STRUCTURE
3. 155 LF LONGEST PATH OF TRAVEL TO STRUCTURE
4. 200 LF LONGEST PATH OF TRAVEL TO STRUCTURE
5. 234 LF LONGEST PATH OF TRAVEL TO STRUCTURE
6. RELOCATED HYDRANT W/ NEW BURY & THRUST BLOCK



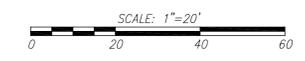
3 FIRE HYDRANT PATH OF TRAVEL

Scale: 1"=30'

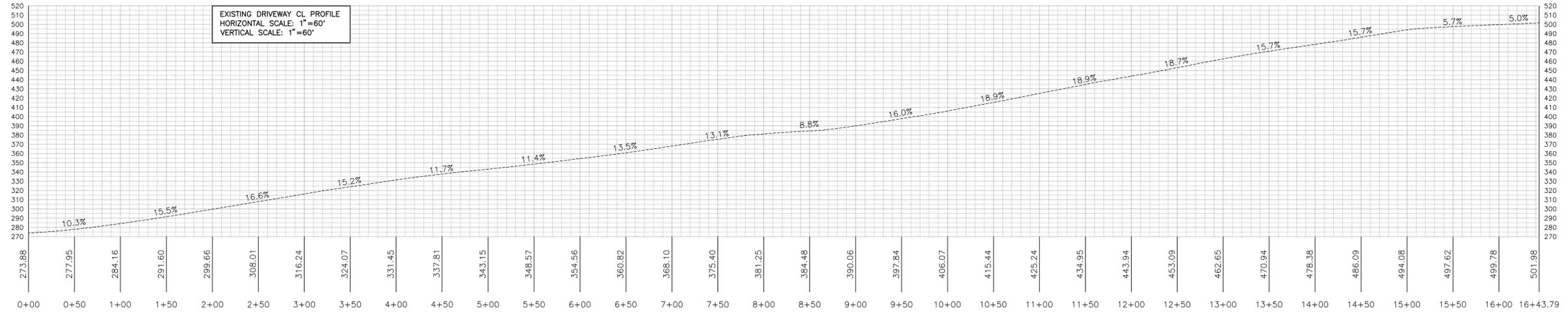
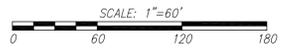
(X) FIRE PREVENTION ENTRY NOTES:

1. EXISTING ELECTRIC GATE

NOTE:
ALL MECHANICAL GATES ARE TO HAVE KNOX KEY SWITCH ACCESS.



NOTE:
MAXIMUM GRADE SHALL NOT EXCEED 15% (6.75 DEGREES). THE FIRE MARSHAL'S OFFICE MAY PERMIT GRADES UP TO A MAXIMUM OF 20% IF NO OTHER METHOD IS PRACTICABLE AND IF CONSISTENT WITH GOOD ENGINEERING PRACTICES, PROVIDED AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IS INSTALLED THROUGHOUT THE AFFECTED STRUCTURE, INCLUDING ATTACHED GARAGES. IN NO CASE SHALL THE PORTION EXCEEDING 15% GRADIENT BE LONGER THAN 300 FEET IN LENGTH, UNLESS THERE IS AT LEAST 100 FEET AT 15% OR LESS GRADIENT BETWEEN EACH 300 FOOT SECTION.



4 EXISTING DRIVEWAY PROFILE

Scale: 1"=60'

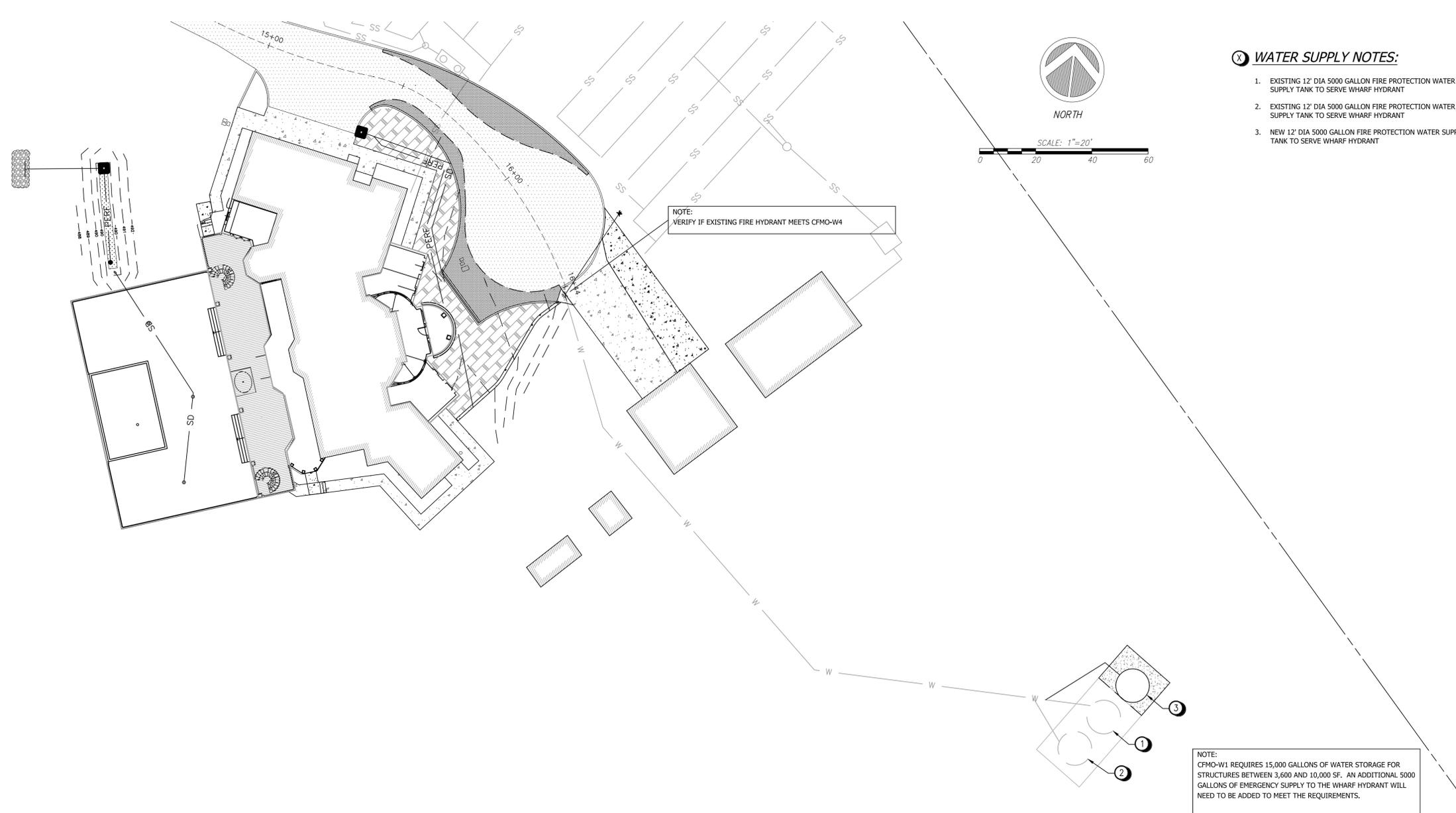
REVISIONS	BY
1 COUNTY COMMENTS DATED 10/28/20	DD

FIRE PREVENTION PLAN

C2G / CIVIL CONSULTANTS GROUP, INC.
 Engineers/Planners
 14000 Old Calaveras Rd., Suite 6
 Sports Valley, CA 95065
 T (831) 438-4420 F (831) 438-4420
 Cell: (831) 438-4420 Fax: (831) 438-4420
 Email: info@c2ginc.com
 License: C-10000, C-10001, C-10002, C-10003, C-10004, C-10005, C-10006, C-10007, C-10008, C-10009, C-10010, C-10011, C-10012, C-10013, C-10014, C-10015, C-10016, C-10017, C-10018, C-10019, C-10020, C-10021, C-10022, C-10023, C-10024, C-10025, C-10026, C-10027, C-10028, C-10029, C-10030, C-10031, C-10032, C-10033, C-10034, C-10035, C-10036, C-10037, C-10038, C-10039, C-10040, C-10041, C-10042, C-10043, C-10044, C-10045, C-10046, C-10047, C-10048, C-10049, C-10050, C-10051, C-10052, C-10053, C-10054, C-10055, C-10056, C-10057, C-10058, C-10059, C-10060, C-10061, C-10062, C-10063, C-10064, C-10065, C-10066, C-10067, C-10068, C-10069, C-10070, C-10071, C-10072, C-10073, C-10074, C-10075, C-10076, C-10077, C-10078, C-10079, C-10080, C-10081, C-10082, C-10083, C-10084, C-10085, C-10086, C-10087, C-10088, C-10089, C-10090, C-10091, C-10092, C-10093, C-10094, C-10095, C-10096, C-10097, C-10098, C-10099, C-10100, C-10101, C-10102, C-10103, C-10104, C-10105, C-10106, C-10107, C-10108, C-10109, 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- WATER SUPPLY NOTES:**
- EXISTING 12" DIA 5000 GALLON FIRE PROTECTION WATER SUPPLY TANK TO SERVE WHARF HYDRANT
 - EXISTING 12" DIA 5000 GALLON FIRE PROTECTION WATER SUPPLY TANK TO SERVE WHARF HYDRANT
 - NEW 12" DIA 5000 GALLON FIRE PROTECTION WATER SUPPLY TANK TO SERVE WHARF HYDRANT

1 PROPOSED WATER TANK TO WHARF HYDRANT CONNECTION PLAN

Scale: 1"=20'

REVISIONS	BY
1 COUNTY COMMENTS DATED 10/28/20	DD

FIRE PREVENTION PLAN

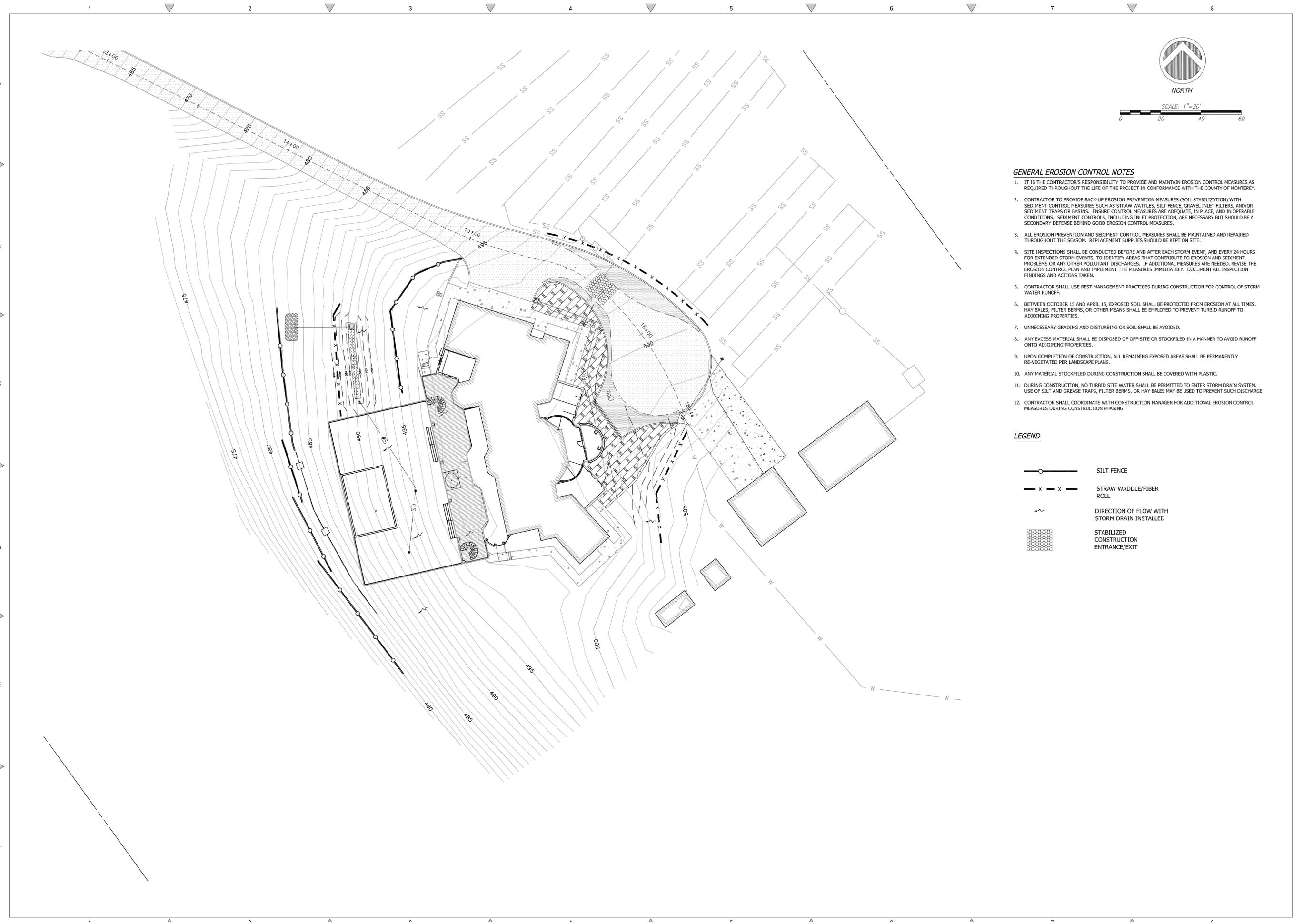


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**DHAMI RESIDENCE
 2100 OLD CALAVERAS RD
 MILPITAS CA 95035**

Date: 11/13/2020
 Scale: 1"=20'
 Drawn: DD
 Job: 9010.01
 Sheet: **C4.2**
 Of 9 Sheets

Drawing: Z:\Shared\CAD\9010.01 - Dhami Residence\Design\CAD Sheets\9010.01 - C4.2 - FIRE PREVENTION PLAN - C2G.dwg
 Layout: C4.2
 Last Saved: Fri Nov 13, 2020 - 10:58am
 Last Printed: Tue Dec 08, 2020 - 2:24pm
 By: Dave



GENERAL EROSION CONTROL NOTES

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND MAINTAIN EROSION CONTROL MEASURES AS REQUIRED THROUGHOUT THE LIFE OF THE PROJECT IN CONFORMANCE WITH THE COUNTY OF MONTEREY.
2. CONTRACTOR TO PROVIDE BACK-UP EROSION PREVENTION MEASURES (SOIL STABILIZATION) WITH SEDIMENT CONTROL MEASURES SUCH AS STRAW WADDLES, SILT FENCE, GRAVEL INLET FILTERS, AND/OR SEDIMENT TRAPS OR BASINS. ENSURE CONTROL MEASURES ARE ADEQUATE, IN PLACE, AND IN OPERABLE CONDITIONS. SEDIMENT CONTROLS, INCLUDING INLET PROTECTION, ARE NECESSARY BUT SHOULD BE A SECONDARY DEFENSE BEHIND GOOD EROSION CONTROL MEASURES.
3. ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED THROUGHOUT THE SEASON. REPLACEMENT SUPPLIES SHOULD BE KEPT ON SITE.
4. SITE INSPECTIONS SHALL BE CONDUCTED BEFORE AND AFTER EACH STORM EVENT, AND EVERY 24 HOURS FOR EXTENDED STORM EVENTS, TO IDENTIFY AREAS THAT CONTRIBUTE TO EROSION AND SEDIMENT PROBLEMS OR ANY OTHER POLLUTANT DISCHARGES. IF ADDITIONAL MEASURES ARE NEEDED, REVISE THE EROSION CONTROL PLAN AND IMPLEMENT THE MEASURES IMMEDIATELY. DOCUMENT ALL INSPECTION FINDINGS AND ACTIONS TAKEN.
5. CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES DURING CONSTRUCTION FOR CONTROL OF STORM WATER RUNOFF.
6. BETWEEN OCTOBER 15 AND APRIL 15, EXPOSED SOIL SHALL BE PROTECTED FROM EROSION AT ALL TIMES. HAY BALES, FILTER BERMS, OR OTHER MEANS SHALL BE EMPLOYED TO PREVENT TURBID RUNOFF TO ADJOINING PROPERTIES.
7. UNNECESSARY GRADING AND DISTURBING OR SOIL SHALL BE AVOIDED.
8. ANY EXCESS MATERIAL SHALL BE DISPOSED OF OFF-SITE OR STOCKPILED IN A MANNER TO AVOID RUNOFF ONTO ADJOINING PROPERTIES.
9. UPON COMPLETION OF CONSTRUCTION, ALL REMAINING EXPOSED AREAS SHALL BE PERMANENTLY RE-VEGETATED PER LANDSCAPE PLANS.
10. ANY MATERIAL STOCKPILED DURING CONSTRUCTION SHALL BE COVERED WITH PLASTIC.
11. DURING CONSTRUCTION, NO TURBID SITE WATER SHALL BE PERMITTED TO ENTER STORM DRAIN SYSTEM. USE OF SILT AND GREASE TRAPS, FILTER BERMS, OR HAY BALES MAY BE USED TO PREVENT SUCH DISCHARGE.
12. CONTRACTOR SHALL COORDINATE WITH CONSTRUCTION MANAGER FOR ADDITIONAL EROSION CONTROL MEASURES DURING CONSTRUCTION PHASING.

LEGEND

- SILT FENCE
- STRAW WADDLE/FIBER ROLL
- DIRECTION OF FLOW WITH STORM DRAIN INSTALLED
- STABILIZED CONSTRUCTION ENTRANCE/EXIT

REVISIONS	BY
1	DD
COUNTY COMMENTS DATED 10/28/20	

EROSION CONTROL PLAN



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 Engineers/Planners
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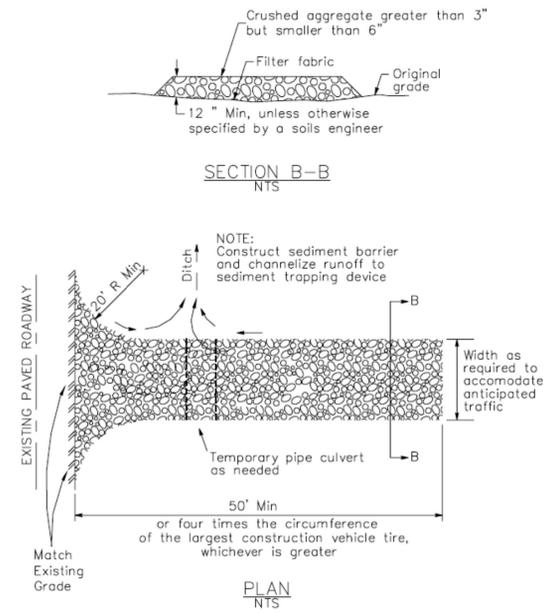
DHAMI RESIDENCE
2100 OLD CALAVERAS RD
MILPITAS CA 95035

Date:	11/13/2020
Scale:	1" = 20'
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Job:	9010.01
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Of	9 Sheets

Drawing: 21_SitePlan_CAD_9010.01 - Dhami Residence Design | CAD | Sheets | 9010.01 - C5.1 - EROSION CONTROL PLAN | 11/13/2020 - 10:05am | Layout: 21X20 | Layer: 21X20 | Last Printed: Wed Dec 16, 2020 - 7:17pm | By: Dhami

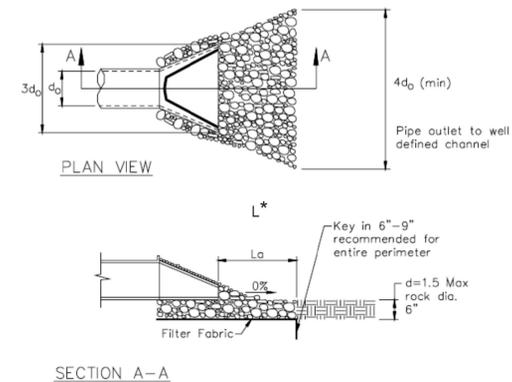
3 Stabilized Construction Entrance/Exit

CASQA Detail TC-1



4 Velocity Dissipation Devices

CASQA Detail EC-10

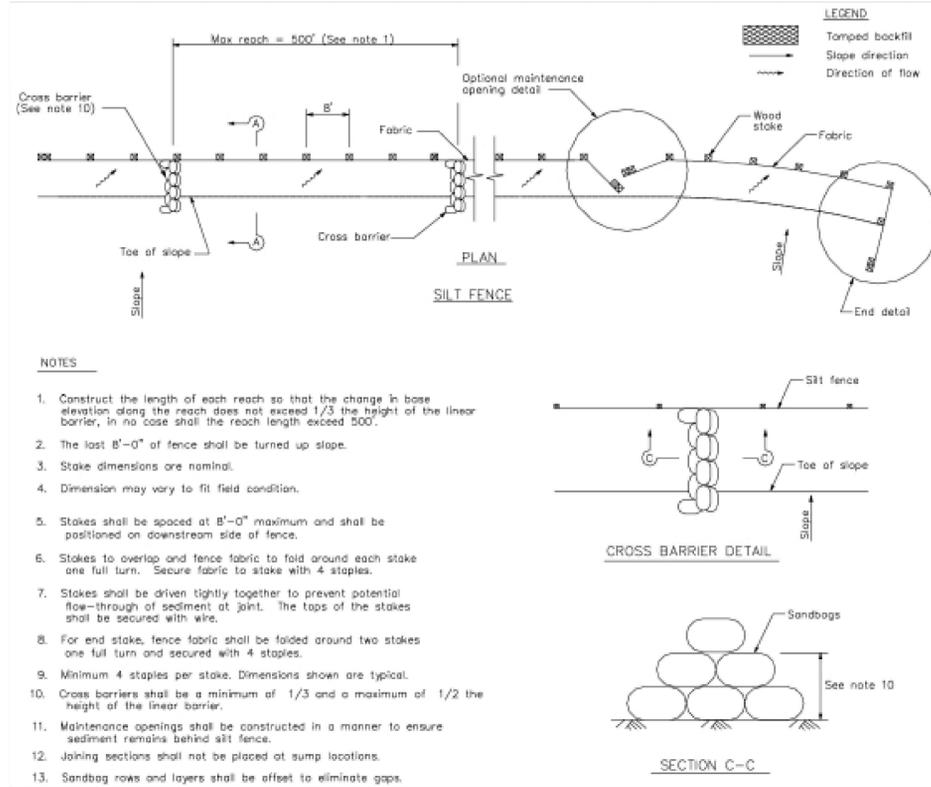


* Length per ABAG Design Standards

Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from www.cabmphandbooks.com.

1 Silt Fence

CASQA Detail SE-1

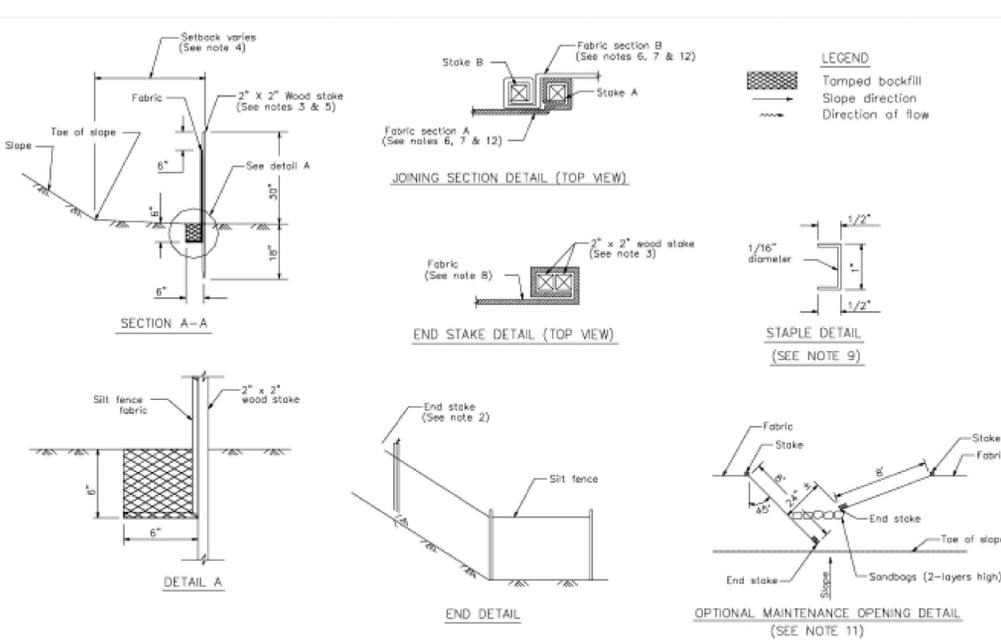


NOTES

- Construct the length of each reach so that the change in base elevation along the reach does not exceed 1/3 the height of the linear barrier, in no case shall the reach length exceed 500'.
- The last 6'-0" of fence shall be turned up slope.
- Stake dimensions are nominal.
- Dimension may vary to fit field condition.
- Stakes shall be spaced at 6'-0" maximum and shall be positioned on downstream side of fence.
- Stakes to overlap and fence fabric to fold around each stake one full turn. Secure fabric to stake with 4 staples.
- Stakes shall be driven tightly together to prevent potential flow-through of sediment at joint. The tops of the stakes shall be secured with wire.
- For end stake, fence fabric shall be folded around two stakes one full turn and secured with 4 staples.
- Minimum 4 staples per stake. Dimensions shown are typical.
- Cross barriers shall be a minimum of 1/3 and a maximum of 1/2 the height of the linear barrier.
- Maintenance openings shall be constructed in a manner to ensure sediment remains behind silt fence.
- Joining sections shall not be placed at sump locations.
- Sandbag rows and layers shall be offset to eliminate gaps.

2 Silt Fence

CASQA Detail SE-1



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.
- Spill Prevention and Control:** 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.
- Vehicle and Construction Equipment Service and Storage:** An area shall be designated for the maintenance, where on-site 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- Inspection & Maintenance:** 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

- Sediment Control Management:**
 - 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.
 - Dust Control:** 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, etc.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.
- 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.
- 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 identified.
- Project Completion:** 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.
- 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.

REVISIONS	BY
1	DD
COUNTY COMMENTS DATED 10/28/20	

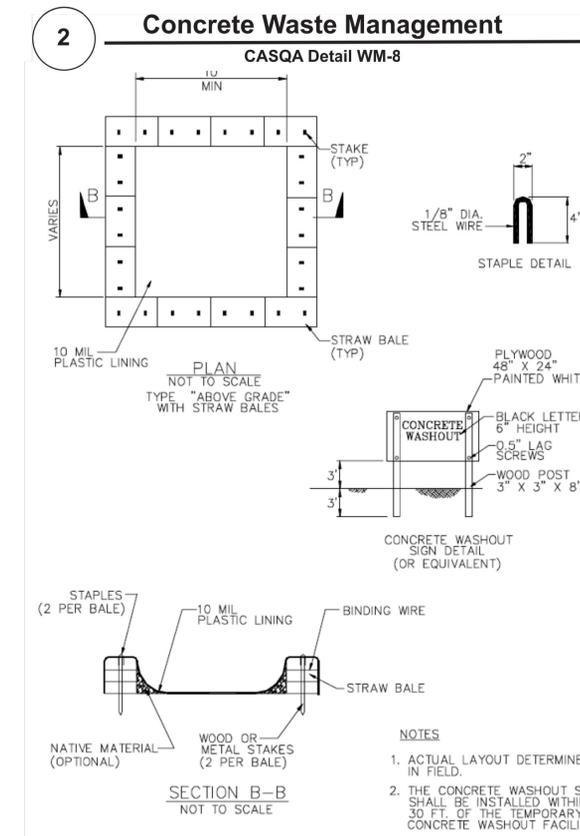
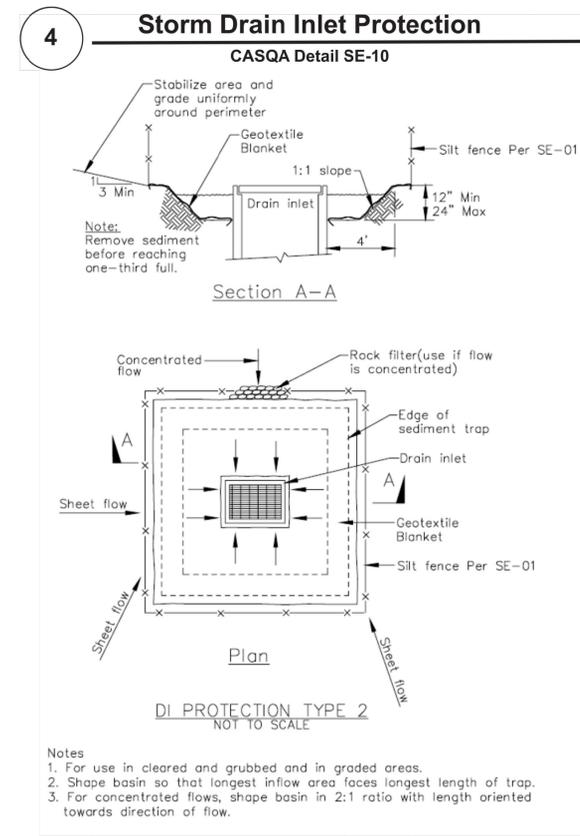
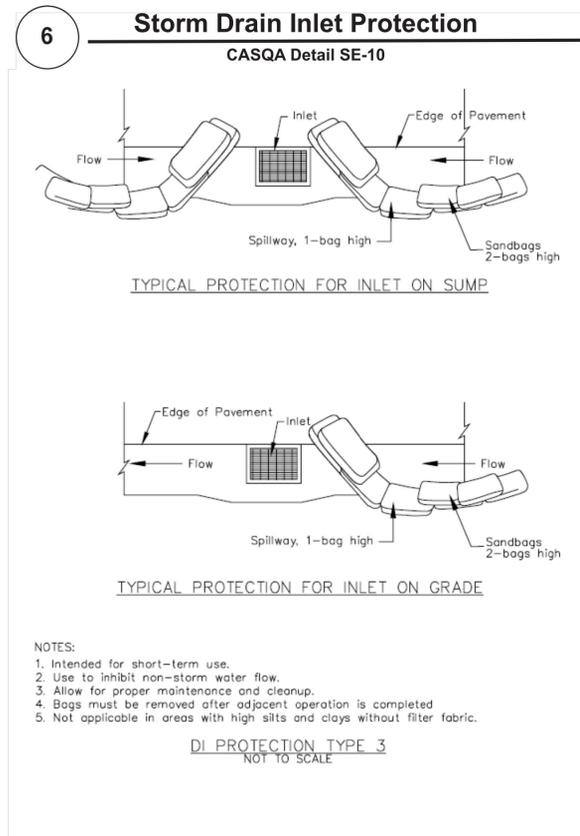
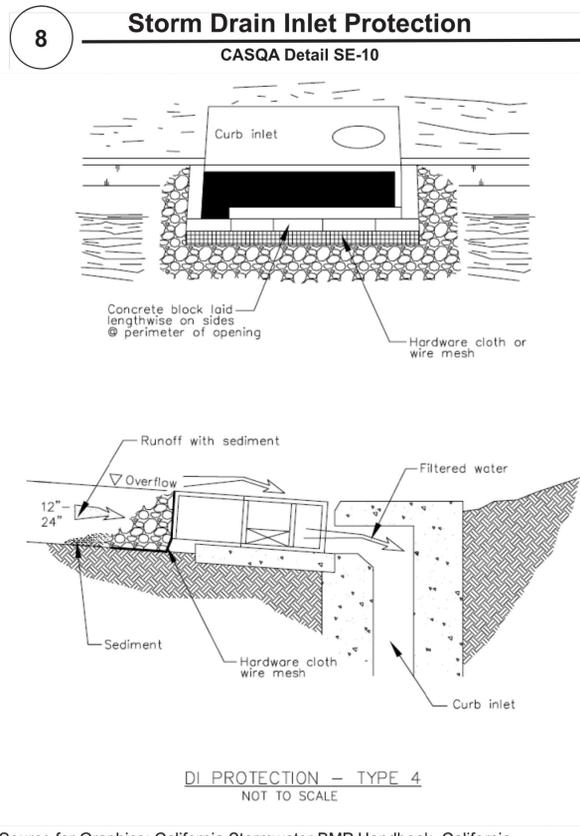
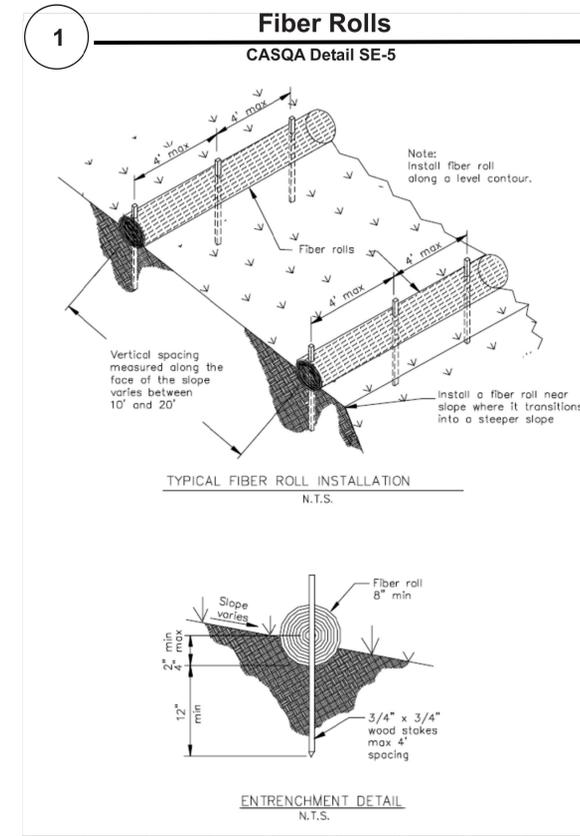
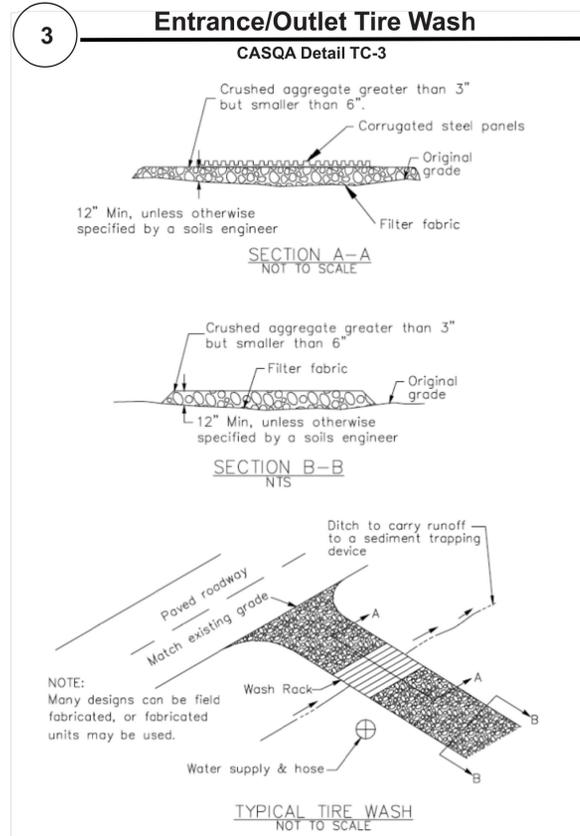
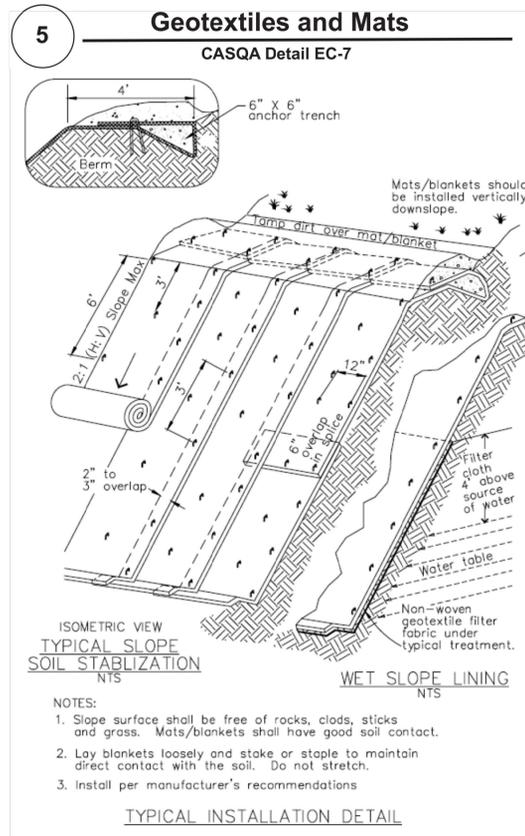
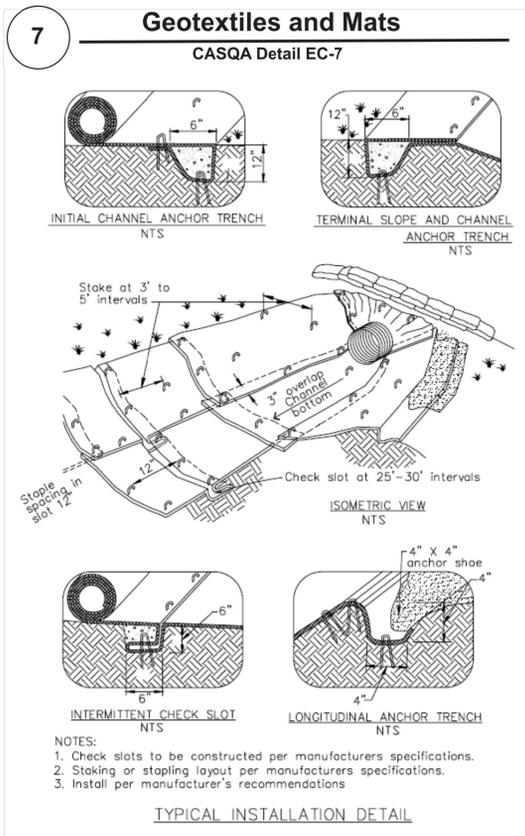
EROSION CONTROL DETAILS



C2G CIVIL CONSULTANTS GROUP, INC.
 Engineers/Planners
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 Leaf Printed: Tue Dec 08, 2020 - 2:56pm By: Dave

DHAMI RESIDENCE
 2100 OLD CALAVERAS RD
 MILPITAS CA 95035

Date:	11/13/2020
Scale:	NTS
Drawn:	DD
Job:	9010.01
Sheet:	C5.2
Of	9 Sheets



Source for Graphics: California Stormwater BMP Handbook, California Stormwater Quality Association, January 2003. Available from www.cabmp-handbooks.com.

REVISIONS	BY
1	DD
COUNTY COMMENTS DATED 10/28/20	

EROSION CONTROL DETAILS

REGISTERED PROFESSIONAL ENGINEER
TODD R. CREAGER
No. C 64561
Exp. 6/30/21
CIVIL
STATE OF CALIFORNIA

C2G CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
4400 Old Calaveras Rd., Suite 6
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Leaf Printed: Tue Dec 08, 2020 - 2:56pm By: cve

DHAMI RESIDENCE
2100 OLD CALAVERAS RD
MILPITAS CA 95035

Date: 11/13/2020
Scale: NTS
Drawn: DD
Job: 9010.01
Sheet: C5.3
Of 9 Sheets

PROJECT SCOPE & RATIONALE:

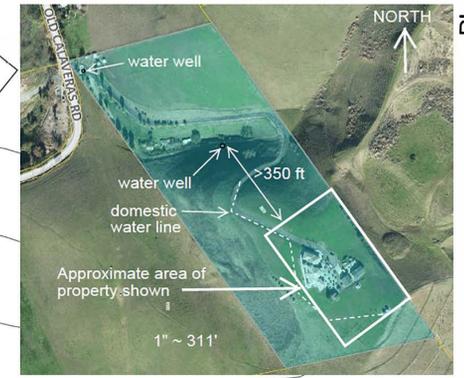
The scope of this project is a major remodel (>500 sq. ft) and bedroom addition to the main house. The bedroom count is proposed to be increased from 4 BR to up to 6 BR. This as-built plan is to show that the existing septic system serving the residence has adequate capacity for the intensification, and that the system largely meets current septic regulations.

The existing septic system serving the main house, installed under DEH permit #61131 in 1998, was recently investigated in August 2020. Excavations of representative sections of the existing drainfields were examined showing drainrock and drainpipe to be in good condition. A percolation test was conducted with results indicating the existing system to have more than 2.8 times the required infiltrative area and trench length. Soil profiles showed adequate separation to potential high groundwater, except for SP2 which had refusal at 1 ft below trench depth. Note that additional soil profiles are on file with DEH that further demonstrate adequate separation, although the specific locations of the test pits are apparently not identified. A geotech report addressing slope stability and setback to nearby steep slopes is being provided to support this proposal.

A small section of the lower drainfields appears to be sited in slope >30%, and it appears that some of the drainfields may not meet the 10 ft property line setback. Except for these variances, the rest of the system appears to meet code. The system should not be modified to eliminate these minor variances because this would reduce the overall capacity of the system which has been operating without any problems and because correction of the items would be an unnecessary expense.

Areas shaded gray on this side of property represent steep slope apparently >50% with height estimated at 25 ft and greater.

SITE PLAN PROVIDED BY DANIEL SILVERNAIL ARCHITECT, INC.



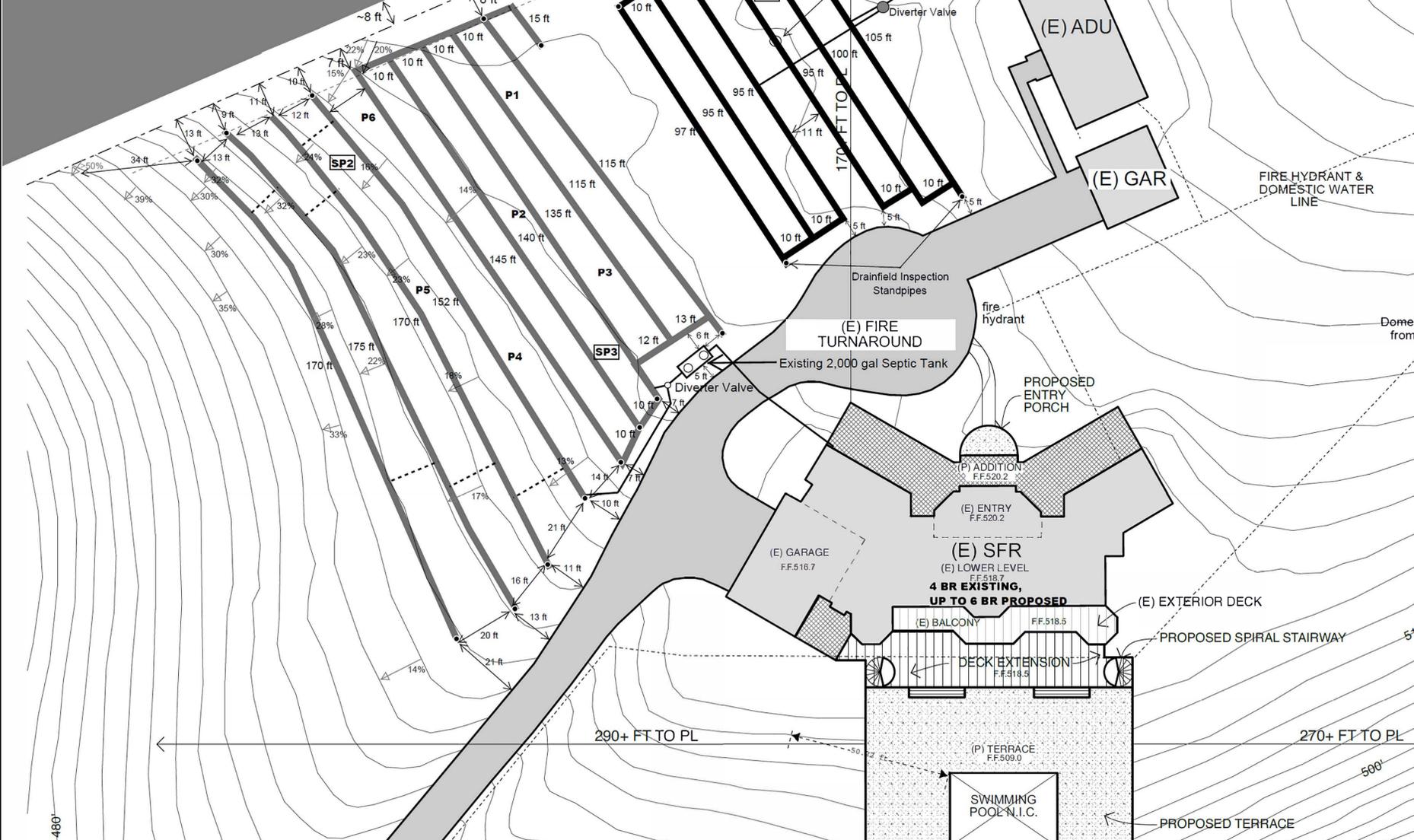
County of Santa Clara - Department of Environmental Health
SOIL PERCOLATION TEST RECORDED MEASUREMENTS (Electronic Version by Chris Day, R.E.H.S.)

OWNER/APPLICANT: Gursavraj Dhami SR #: 864119 (P/N FILE #: P-1 of 1)
LOCATION: 2100 Old Calaveras Rd., Milpitas, CA APN 029-31-011 PERMITS: Permit Status
CONTACT PERSON: CHRIS DAY, R.E.H.S. PHONE: 650-293-1045 DATE: 8/17/2020

HOLE #	DEPTH: 4 FT	DEPTH: 3 1/2 FT	DEPTH: 4 FT	DEPTH: 3 1/2 FT
TIME	WATER LEVEL	TIME	WATER LEVEL	TIME
START	FINISH	START	FINISH	START
HOLE #1	10:15 10:45	10:15 10:45	10:15 10:45	10:15 10:45
HOLE #2	10:45 11:15	10:45 11:15	10:45 11:15	10:45 11:15
HOLE #3	11:15 11:45	11:15 11:45	11:15 11:45	11:15 11:45
HOLE #4	11:45 12:15	11:45 12:15	11:45 12:15	11:45 12:15
HOLE #5	12:15 12:45	12:15 12:45	12:15 12:45	12:15 12:45
HOLE #6	12:45 1:15	12:45 1:15	12:45 1:15	12:45 1:15

STOP/WA CHANGES starting at 1:02 pm.
W00 7:58 8:01 8.0 8 1.6
W00 8:17 8:21 8.4 8 1.7
W00 8:26 8:31 8.8 8 1.7

HOLE	1	2	3	4	5	6
Stabilized MPI	8	11	3	11	27	1.7
Adjusted Stabilized MPI	R ₁ = R x 1.4					
Average Adjusted Stabilized MPI	R ₂ = (Σ R ₁) / # Holes					
# Bedrooms	5 FOR OFFICE USE ONLY					



SOIL PROFILE RESULTS CONVENTIONAL SYSTEMS

SR #: 864119 DATE OF INSPECTION: 8/17/2020
APN #: 029-31-011 OWNER:
APPLICANT: Dhami, Gursavraj
SITE ADDRESS: 2100 Old Calaveras Rd Milpitas
CONDUCTED BY: Chris Day CHECKED BY: Peter Estes

HOLE #	SP1	SP2
1'-2'	Light brown sandy	Hard weathered rock
2'-3'	Dark Brown/Black sandy clay	Sandy clay
3'-4'	Brown sandy clay small rocks	and all dig - refusal
4'-5'	Light brown sandy slight clay small rocks	No groundwater observed
5'-6'	and all dig	
6'-7'	No groundwater observed	

SOIL PROFILE RESULTS CONVENTIONAL SYSTEMS

SR #: 864119 DATE OF INSPECTION: 8/17/2020
APN #: 029-31-011 OWNER:
APPLICANT: Dhami, Gursavraj
SITE ADDRESS: 2100 Old Calaveras Rd Milpitas
CONDUCTED BY: Chris Day CHECKED BY: Peter Estes

HOLE #	SP3
1'-2'	Brown sandy clay/loam
2'-3'	sandy small to medium rocks weathered
3'-4'	
4'-5'	
5'-6'	
6'-7'	
7'-8'	
8'-9'	
9'-10'	
10'-11'	
11'-12'	
12'-13'	
13'-14'	
14'-15'	
15'-16'	
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91'-92'	
92'-93'	
93'-94'	
94'-95'	
95'-96'	
96'-97'	
97'-98'	
98'-99'	
99'-100'	

COMMENTS: End of dig No groundwater observed

INFILTRATIVE AREA CALCULATIONS & SPECIFICATIONS

TYPE OF SEPTIC SYSTEM: Conventional Gravity Flow

DESIGN CALCULATIONS:	DRAINFIELD TRENCH SPECIFICATIONS:
Average Percolation Rate: 1.19 MPI	Slope: Grid Section <20% // Lower Section 11-32%
Design Application Rate: 0.65 gal/sq. ft./day	Drainfield Dimensions: 2 ft width x 4 ft depth
Peak Wastewater Flow: 675 gpd (6 BR)	Drainrock Below Drainpipe: 1.5 ft ²
Required Infiltrative Area: 1,038 ft ² (675 gpd/0.65 gpd/ft ²)	Drainfield Length (each side of DV): 650 / 667 ft
Infiltrative Area per Linear Ft Trench: 4 sq. ft.	Horizontal Drainfield Spacing: > 6 ft o.c.
Req. Trench Length (each side DV): 260 ft (1038 ft ² /4 ft/ft ²)	Depth to GW Below Trenches: 8 ft (SP1 & 3) ^a
Required Depth to GW: 8 ft	

^aDV=Diverter Valve ¹1st & 2nd DF on lower elevation side of DV have 2" rock ²SP2 had refusal at 5 ft

- LEGEND:**
- = drainfield inspection standpipe (observed)
 - = popover drainfield connection lines (from plans)
 - SP1 = soil profile test hole (3)
 - P1 - P6 = percolation test hole (6)

NOTE: The septic components shown on this plan were plotted from the following:
1) field measurements of standpipe locations
2) as built diagrams by DEH inspector on file.
Where discrepancies were found, the field measurement of standpipes took precedence in determining the correct plotted locations.

- SITE LEGEND**
- (N) EXTERIOR FLATWORK
 - PROPOSED ADDITION
 - (E) SFR
 - PROPOSED DECK ADDITION

