ALTERATIONS AND ADDITIONS TO:

DHAMI RESIDENCE

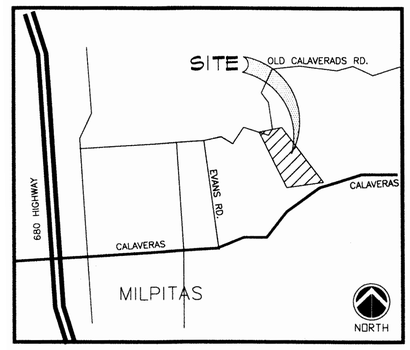
GENERAL NOTES

1. SITE USE: Construction access shall be through areas of Site designated as a construction unloading and storage area.
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.
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 sign/signals and all other protective measures appropriate to the necessary standard of safety.
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.
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.
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.
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.
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.
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.
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.
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, 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. All patching, 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.
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).
13. SUPPORTS: Provide all necessary blocking, backing and framing for light fixtures, electric units, pluming fixtures, toilet accessories, heating equipment and all other items requiring support.
14. SHORING: It shall be the Contractor's sole responsibility to design and provide adequate shoring, bracing, etc., during construction and/or demolition.
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.
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.
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.
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.
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.

ABBREVIATIONS

A	Area
AB	Anchor Bolt
ABV	Above
AC	Asphaltic Concrete, Air Conditioning
ACST	Acoustic, Acoustical
ADH	Adhese, Adhesive
AFF	Above Finish Floor
AGGR	Aggregate
ALUM	Aluminum
ALT	Alternate
APP	Approve, Approved, Approval
APPROX	Approximate
ARCH	Architect, Architecture
ASSY	Assembly
BD	Board
BETW	Between
BLDG	Building
BLKG	Blocking
BLT-IN	Built-in
BLW	Below
BM	Beam
B M	Bench Mark
B N	Boundary Nail
BOT	Bottom
BR	Brass
BZ	Bronze
BUR	Built-up Roof
CAB	Cabinet
C B	Catch Basin
C C J	Concrete Control Joint
CEM	Cement
CER	Ceramic
CHAM	Chamfer
C I	Cast Iron
C J	Control Joint, Ceiling Joist
C L	Centerline
C L G	Ceiling
CLOS	Closet
CLR	Clear
C M U	Concrete Masonry Unit
CNTR	Counter
C O	Clean Out
COL	Column
CONC	Concrete
CONSTR	Construction
CONT	Continuous
CONTR	Contractor
C/R	Cash Register
CS	Channel Screed
CU	Copper, Cubic
d	Penny (nail)
DAT	Datum
DBL	Double
DEG	Degree
DEMO	Demolition
D F	Douglas Fir, Drinking Fountain
DIAM	Diameter or Round
DIM	Dimension
DN	Down
DP	Deep
DR	Door
DS	Downspout
DTL	Detail
DWG	Drawing, Drawings
EA	Each
EJ	Expansion Joint
EL	Elevation
ELEC	Electric, Electrical
EN	Edge Nail
ENGR	Engineer
EQ	Equal
EQUIP	Equipment
EW	Each Way
EXIST	Exists, Existing
EXH	Exhaust
EXT	Exterior
F D	Floor Drain
FDN	Foundation
FIN	Finish
F J	Floor Joist
FLR	Floor
FLUOR	Fluorescent
F O	Face of
F O F	Face Of Finish
F O M	Face of Masonry
F O S	Face of Stud
F O STL	Face of Steel
F O W	Face of Wall
FPL	Fireplace
FR	From
F R P	Fiber Reinforced Plastic
FT	Foot, Feet
FTG	Footing
GA	Gauge
GALV	Galvanized
G I	Galvanized Iron
GL	Glass
G L B	Glue Laminated Beam
G S M	Galvanized Sheet Metal
GYP	Gypsum
H	High
H B	Hose Bib
HC	Handicapped
H C	Hollow Core
H D	Hand Dryer
HDWD	Hardwood
HDR	Header
H M	Hollow Metal
HOR	Horizontal
HORIZ	Horizontal
HR	Hour, Hours
HT	Height
I D	Inside diameter
INSUL	Insulate, Insulated
INT	Interior
JAN	Janitor
JT	Joint
JST	oist
KD	Kiln Dried
LAV	Lavatory
LBR	Lumber
LNGE	Lounge
LS	Landscape, Land Surveyor
LT	Light
MAX	Maximum
M B	Machine Bolt
MECH	Mechanical
MFR	Manufacture, Manufacturer
M H	Manhole
M I	Malleable Iron
MIN	Minimum
M O	Masonry Opening
MTL	Metal
N I C	Not In Contract
NOM	Nominal
N T S	Not To Scale
O/	On
O C	On Center
O D	Outside Diameter
	Overflow Drain
O H	Overhead
OPNG	Opening
OPP	Opposite
P A F	Power Activated Fastener
PL	Plate, Property Line
PLAM	Plastic Laminate
PLAS	Plaster, Plastic
PLAS LAM	Plastic Laminate
PLYWD	Plywood
PNL	Panel
PR	Pair
PROV	Provide
P T	Pressure Treated
PTD	Painted
P V C	Polyvinyl chloride
Q T	Quarry Tile
QTR	Quarter
R	Riser Radius
R D	Roof Drain
	Relative Density
RDL	Roof Drain Line
RDWD	Redwood
REF	Reference
REFR	Refrigerator
REINF	Reinforce, Reinforcement
REP	Repair
REPL	Replace
REQD	Required
REQT	Requirement
RET	Retaining
REV	Revised, Revision
RM	Room
RND	Round
RO	Rough Opening
RR	Rafter
RWL	Rainwater Leader
S B	Solid Block
S C	Solid Core
SCHED	Schedule
S D	Site Drain
SDG	Siding
S F	Square Feet
SHT	Sheet
SHV	Shelving
SIM	Similar
SK	Sink
SOG	Slab on Grade
SPEC	Specification
SPECD	Specified
SPNK	Sprinkler
SQ	Square
ST	Stainless
STD	Standard
STL	Steel
STOR	Storage
STRUC	Structure, Structural
SUSP	Suspend, Suspended
T	Tread, Treads
T C	Top of Curb
TEL	Telephone
TEMP	Tempered
T E N	Typical Edge Nailing
T&G	Tongue and Groove
THK	Thick
THRU	Through
T O C	Top of Concrete
	Top of Curb
T O F	Top of Framing
TOL	Tolerance
T O P	Top of Plate
T O S	Top of Slab
T O STL	Top of Steel
T O W	Top of Wall
T P	Top of Pavement
T R	Toilet Room
TSF	Top of Subfloor
TV	Television
TYP	Typical
UNO	Unless Noted Otherwise
UR	Urinal
V	Vent
VENT	Ventilate, Ventilation
VER	Verify
VERT	Vertical
VEST	Vestibule
W	Wide, Width
W/	With
W C	Water Closet
WD	Wide, Wood
WDW	Window
W GL	Wire Glass
W I	Wrought Iron
W/O	Without
WP	Waterproof
WR	Water Resistant
WSCT	Wainscot
WT	Weight
WWM	Welded Wire Mesh
YD	Yard
Z	Zinc
&	And
X	By (e.g. 2X4)
@	At
(E)	Existing
(N)	New
(P)	Proposed

LOCATION MAP



PROJECT TEAM

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 ENGNR	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

PROJECT DATA

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.

SITE ESTIMATED AREA:	15.93 AC
ZONE DISTRICT:	HS-d2
MAX HT OF S.F.R.:	27 FT
MAX GROSS AREA:	8,000 SF
FYSB:	30 FT
RYSB:	30 FT
SYSB:	30 FT
(E) BEDROOM COUNT:	4
PROPOSED BEDRM COUNT:	5
MIN. PARKING REQD:	2 (1-COVERED)
PARKING FURNISHED:	6
CBC/ CRC DESIGNATION:	R-3 SINGLE FAMILY DWELLING
CONST. TYPE:	V-B SPRINKLERED
FIRE JURISDICTION:	W.U.I.

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

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

CODES IN EFFECT:
- -2019 BUILDING STANDARDS ADMINISTRATIVE CODE
- -2019 CALIFORNIA RESIDENTIAL BUILDING CODE
- -2019 CALIFORNIA BUILDING CODE
- -2019 CALIFORNIA GREEN BUILDING STNDS 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

SHEET INDEX

REGULATORY REQUIREMENTS

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.

REVISIONS

DATE	#

9/28/20 10:26 AM

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

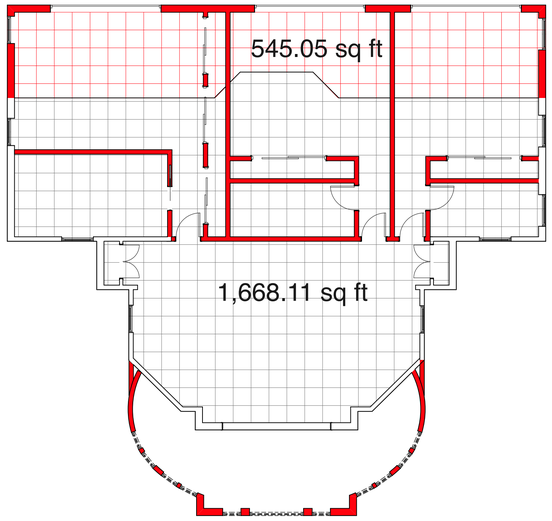
PREPARED FOR:
RAJ DHAMI
2100 OLD CALAVERAS RD
MILPITAS, CA 95035
(647) 928-7896

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

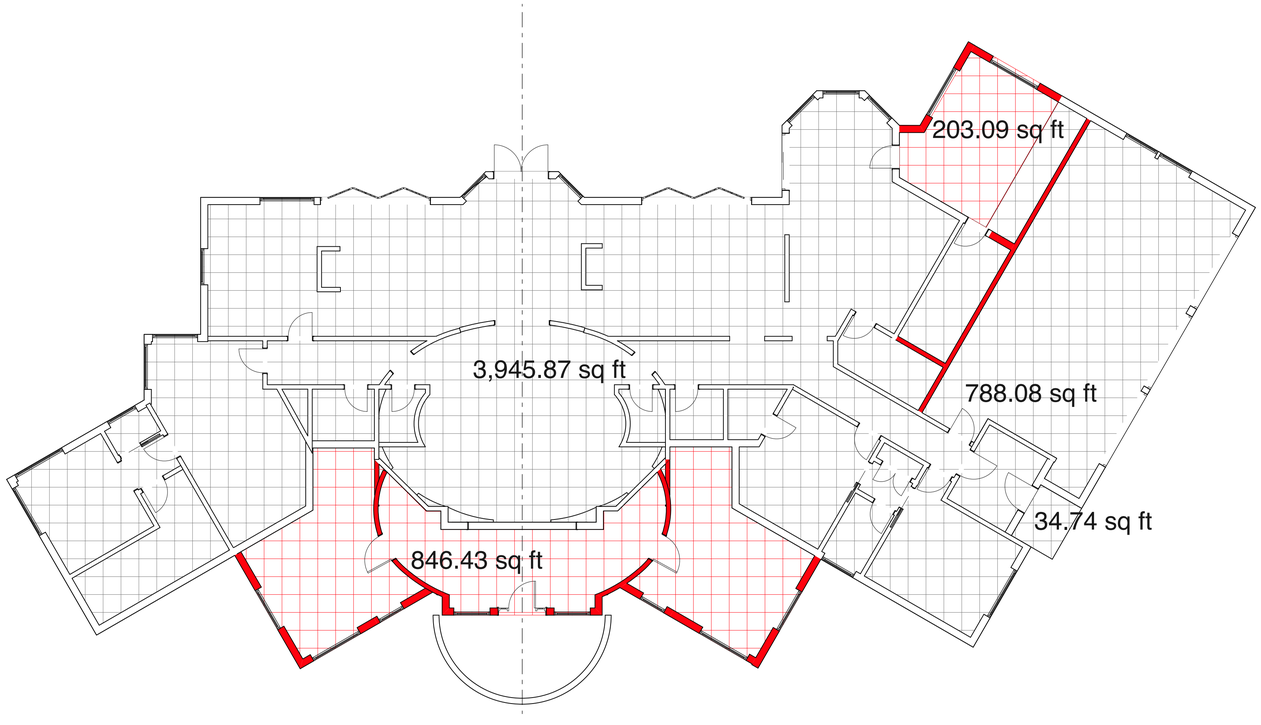
DESIGN REVIEW DRAWINGS

TITLE SHEET
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-1.0
OF 10 SHEETS



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

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

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501 Mission St Suite #2 Santa Cruz CA 95060 831.462.9138

DESIGN REVIEW DRAWINGS

BLDG AREA ANALYSIS
SCHEMATIC DESIGN DOCUMENTS
DHAMI RESIDENCE
2100 OLD CALAVERAS RD MILPITAS CA 95035
APN 02831011

DATE xx/xx/xxxx
JOB# 20.008
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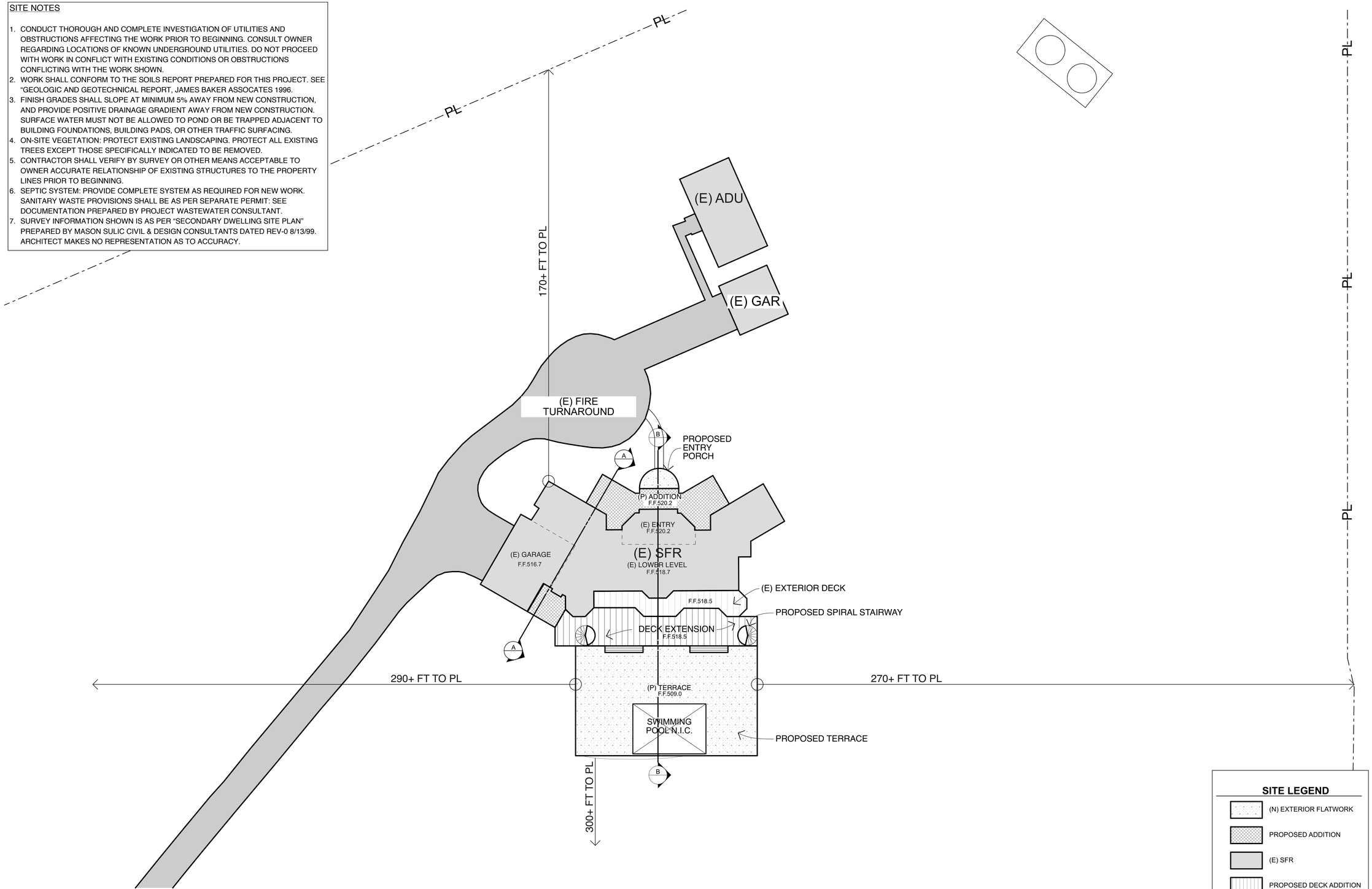
OF 10 SHEETS

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. WORK SHALL CONFORM TO THE SOILS REPORT PREPARED FOR THIS PROJECT. SEE "GEOLOGIC AND GEOTECHNICAL REPORT, JAMES BAKER ASSOCATES 1996.
3. 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.
4. 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.
7. SURVEY INFORMATION SHOWN IS AS PER "SECONDARY DWELLING SITE PLAN" PREPARED BY MASON SULIC CIVIL & DESIGN CONSULTANTS DATED REV-0 8/13/99. ARCHITECT MAKES NO REPRESENTATION AS TO ACCURACY.



SITE LEGEND

- (N) EXTERIOR FLATWORK
- PROPOSED ADDITION
- (E) SFR
- PROPOSED DECK ADDITION

PLAN NORTH

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

PRELIMINARY
THIS IS NOT A SURVEY

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

DESIGN REVIEW DRAWINGS

SITE PLAN

SCHEMATIC DESIGN DOCUMENTS

DHAMI RESIDENCE

2100 OLD CALAVERAS RD MILPITAS CA 95035

APN 02931011

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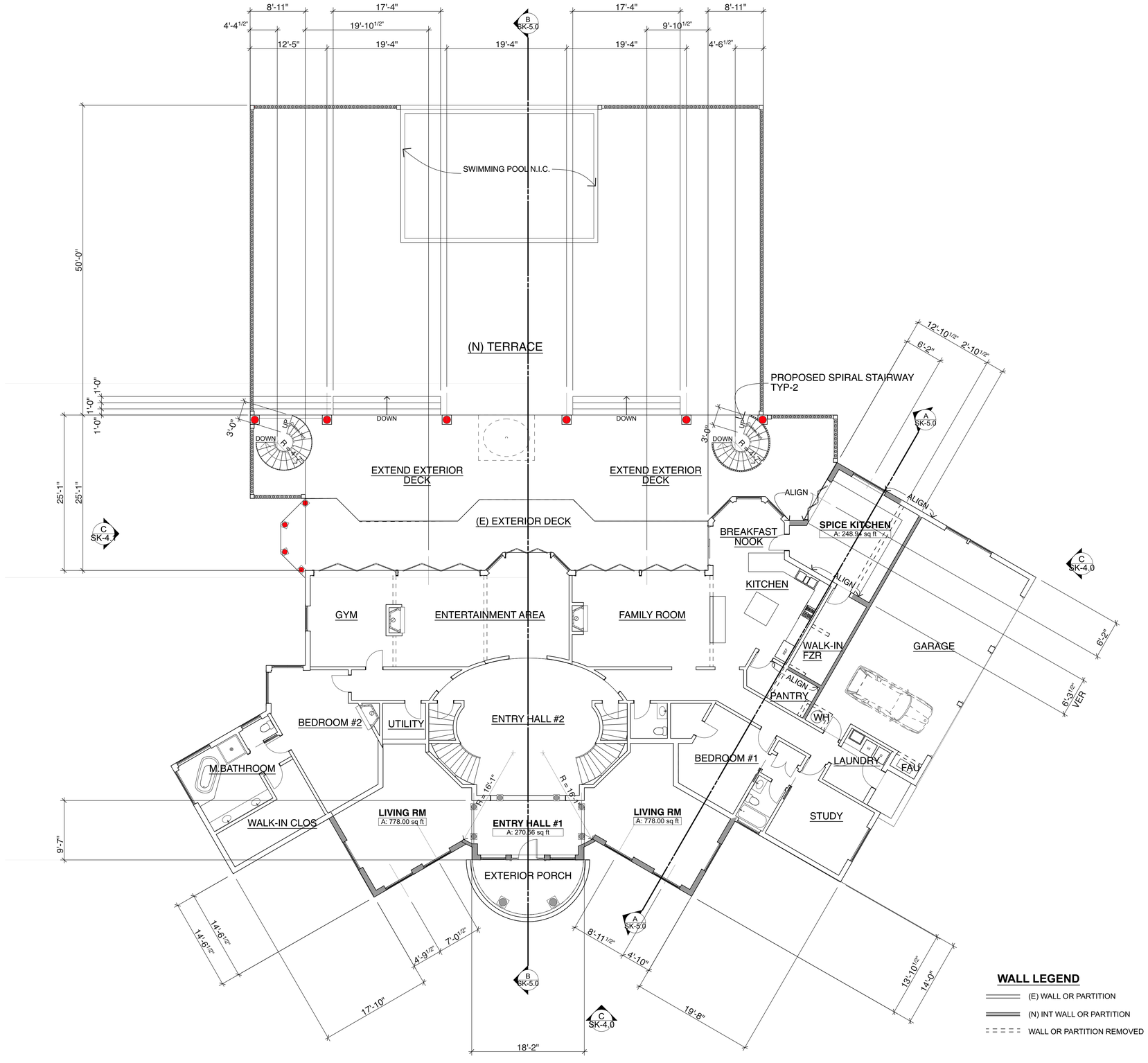
OF	10 SHEETS



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

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DATE	#

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LICENSED ARCHITECT
DANIEL MATTHEW SILVERNAIL
C-24335
6-30-2021
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MILPITAS, CA 95035
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501 Mission St Suite #2 - Santa Cruz CA 95060 - 831.462.9138

DESIGN REVIEW DRAWINGS

FIRST FLOOR PLAN

SCHEMATIC DESIGN DOCUMENTS

DHAMI RESIDENCE

2100 OLD CALAVERAS RD MILPITAS CA 95035

APN 02931011

DATE	xx/xx/xxxx
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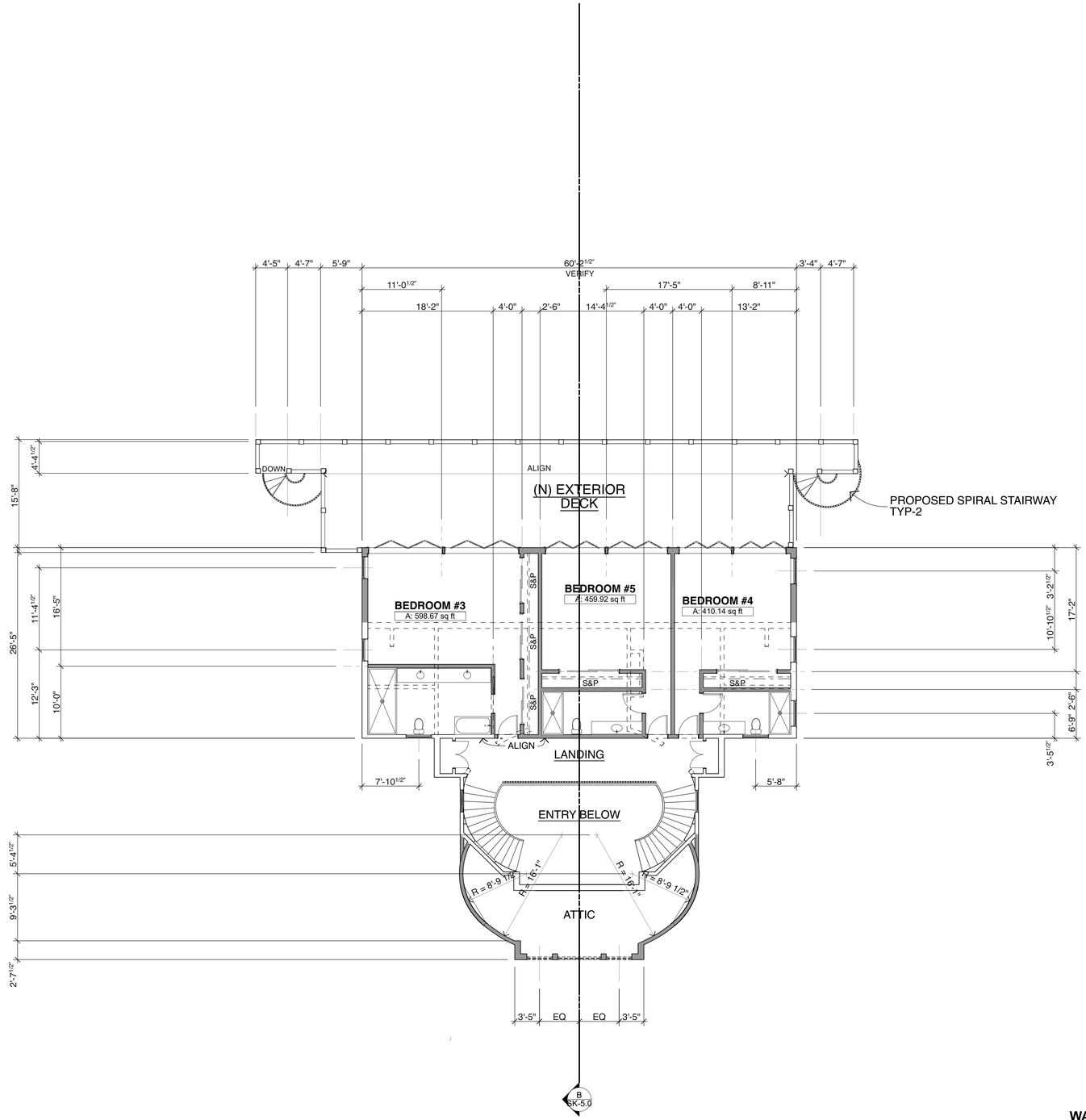
OF	10 SHEETS



WALL LEGEND

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

REF NORTH

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

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LICENSED ARCHITECT
DANIEL MATTHEW SILVERNAIL
C-24335
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501 Mission St Suite #2 - Santa Cruz CA 95060 - 831.462.9138

DESIGN REVIEW DRAWINGS

SECOND FLOOR PLAN

SCHEMATIC DESIGN DOCUMENTS

DHAMI RESIDENCE

APN 02931011

2100 OLD CALAVERAS RD MILPITAS CA 95035

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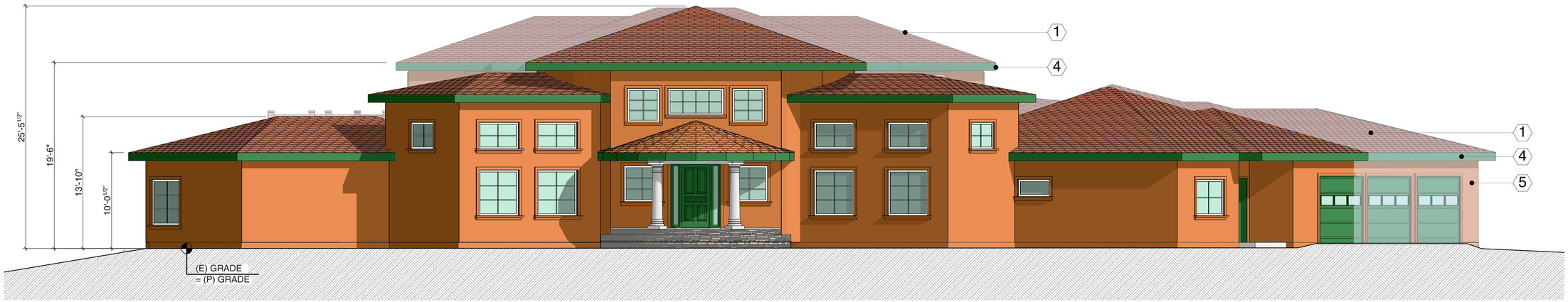
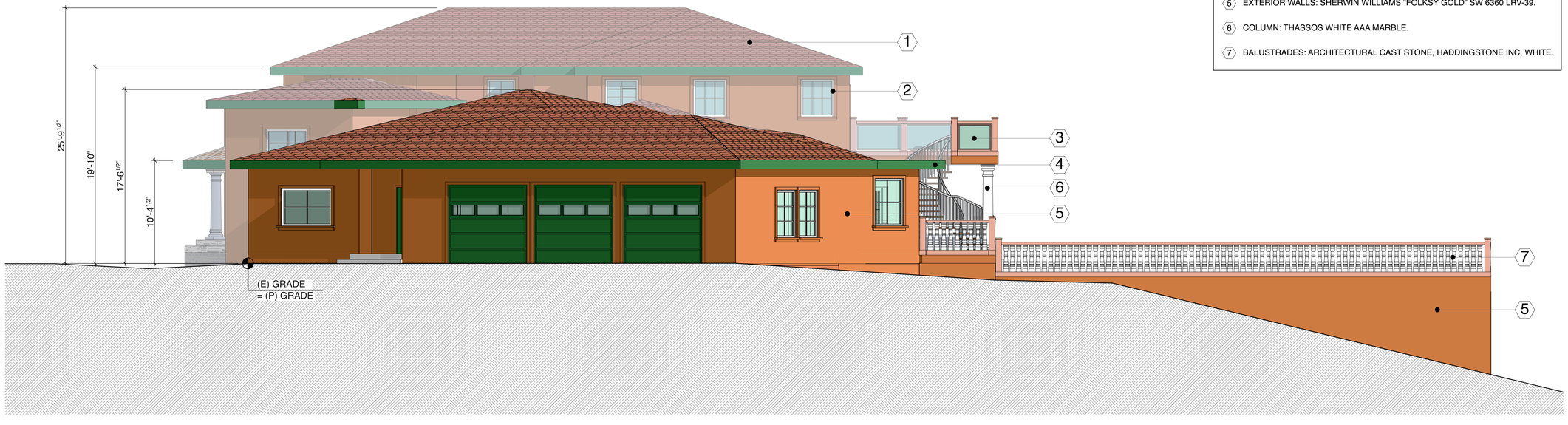


A NORTH ELEVATION
SCALE: 3/16" = 1'-0"



B WEST 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.

REVISIONS	
DATE	#

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

PREPARED FOR:
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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

DESIGN REVIEW DRAWINGS

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

DATE	xx/xx/xxxx
JOB#	20.008
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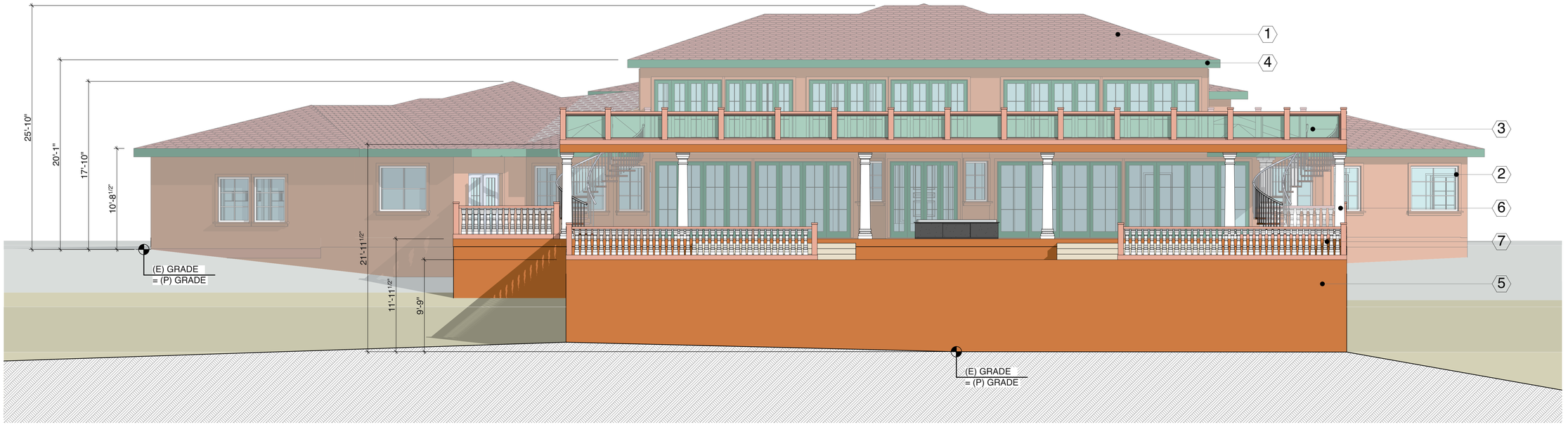
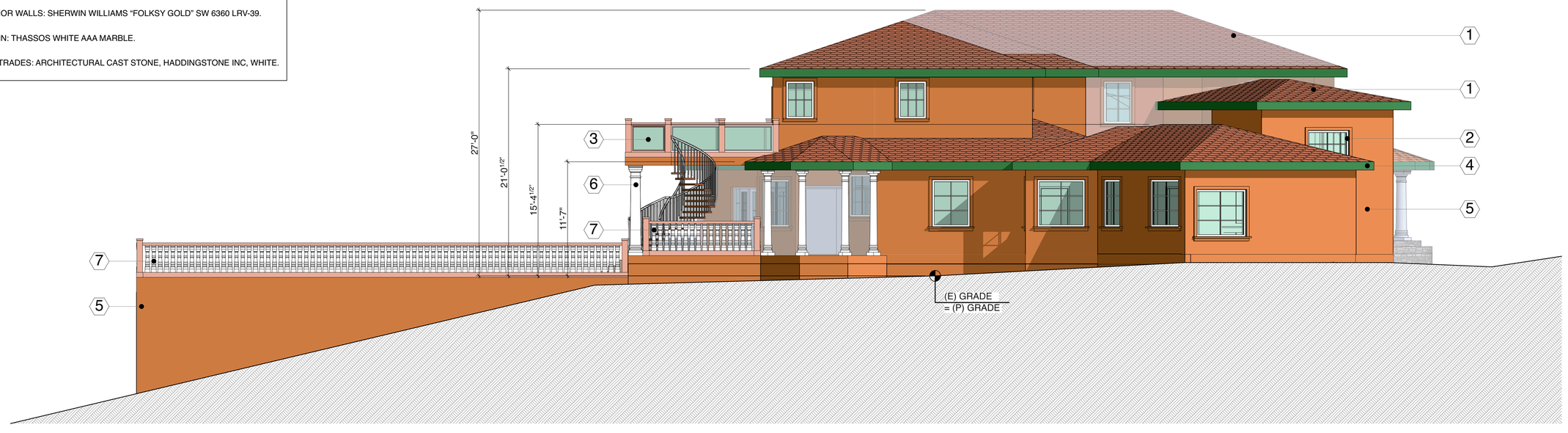
SHEET	SK-4.0
OF	10 SHEETS



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	
DATE	#

9/28/20 10:27 AM

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

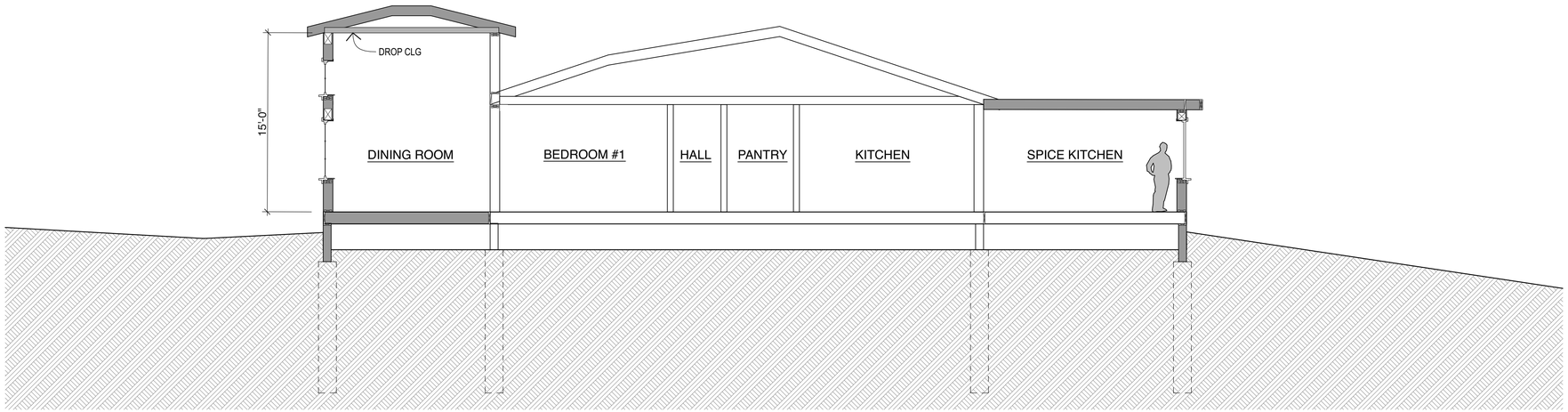
PREPARED FOR:
RAJ DHAMI
2100 OLD CALAVERAS RD
MILPITAS, CA 95035
(647) 928-7896

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

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

DESIGN REVIEW DRAWINGS

DATE xx/xx/xxxx
JOB# 20.008
MODELING BY DSAi
SHEET SK-4.1
OF 10 SHEETS



A SECTION A-A'
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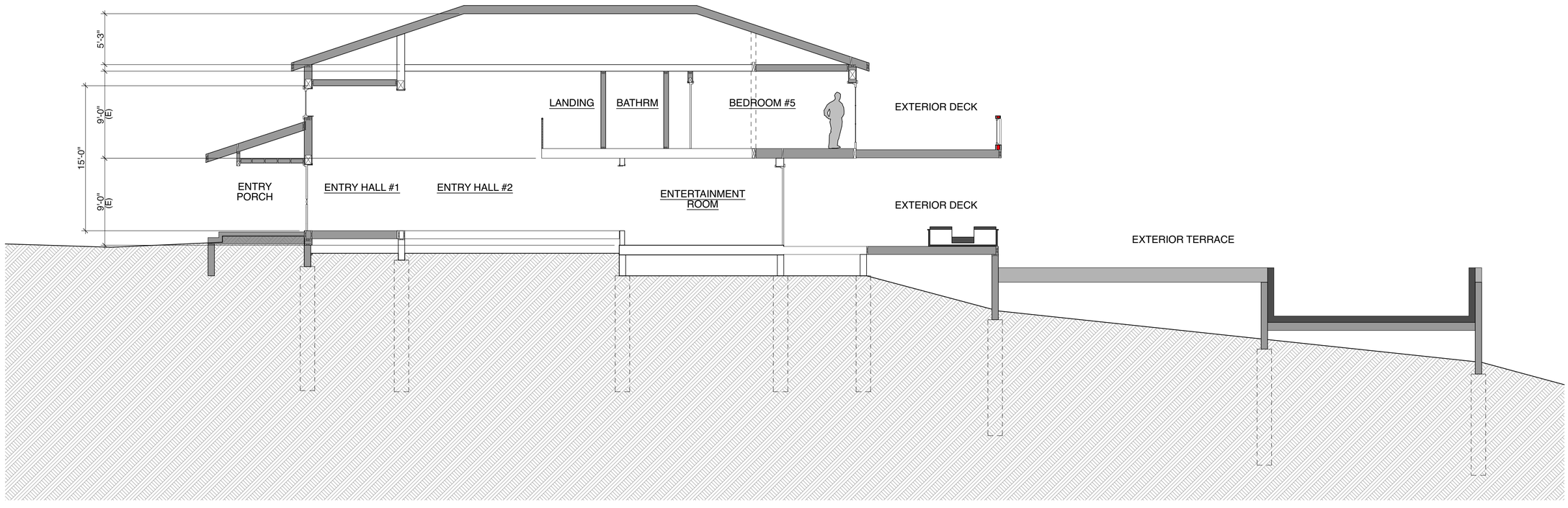


B SECTION B-B'
SCALE: 3/16" = 1'-0"

REVISIONS	
DATE	#

9/28/20 10:27 AM

LICENSED ARCHITECT
DANIEL MATTHEW SILVERNAIL
C-24335
6-30-2021
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

DESIGN REVIEW DRAWINGS

BUILDING SECTIONS

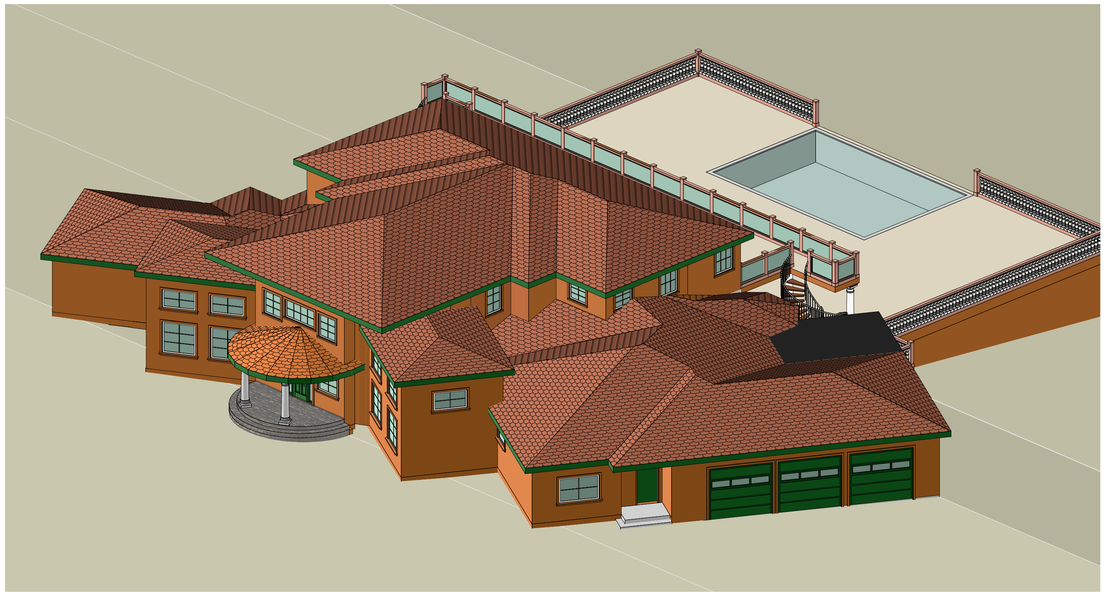
SCHEMATIC DESIGN DOCUMENTS

DHAMI RESIDENCE

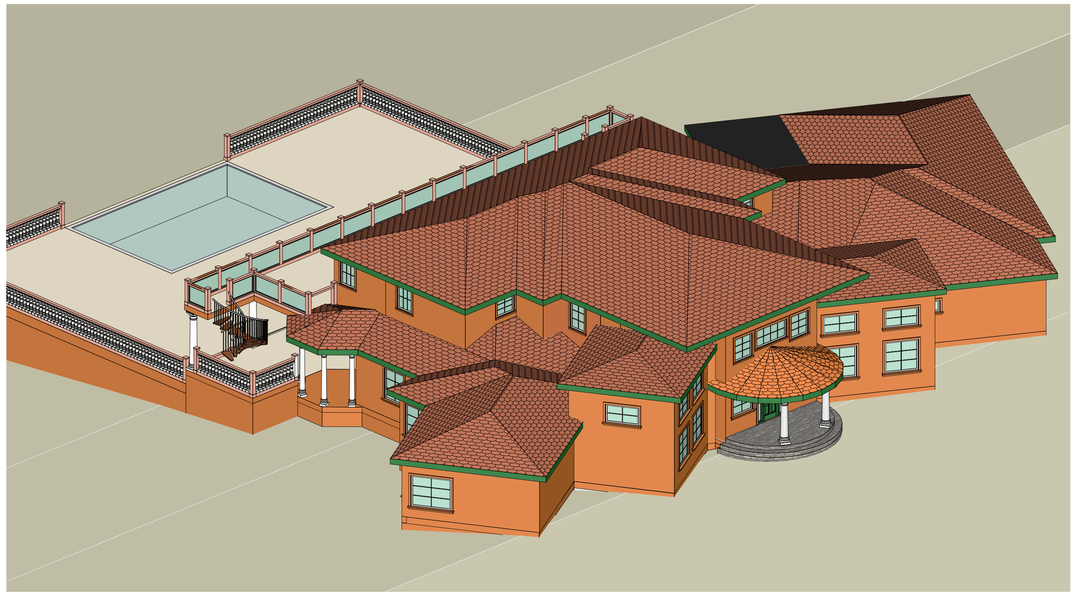
2100 OLD CALAVERAS RD MILPITAS CA 95035

APN 022931011

DATE	xx/xx/xxxx
JOB#	20.008
MODELING BY	DSAi
SHEET	SK-5.0
OF	10 SHEETS



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



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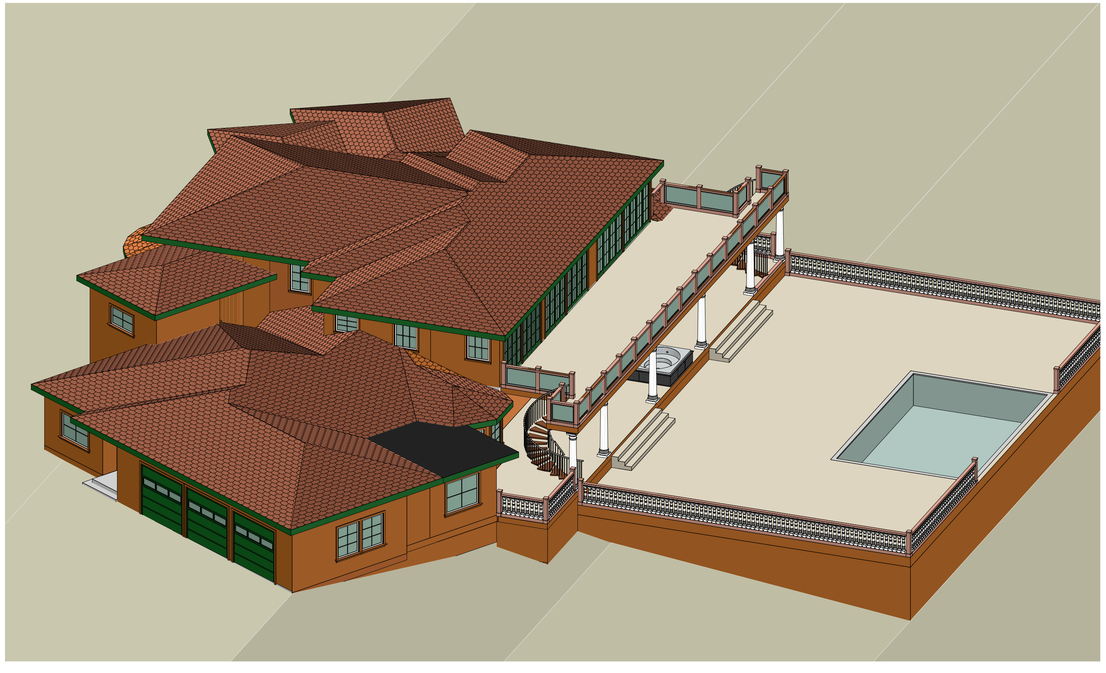
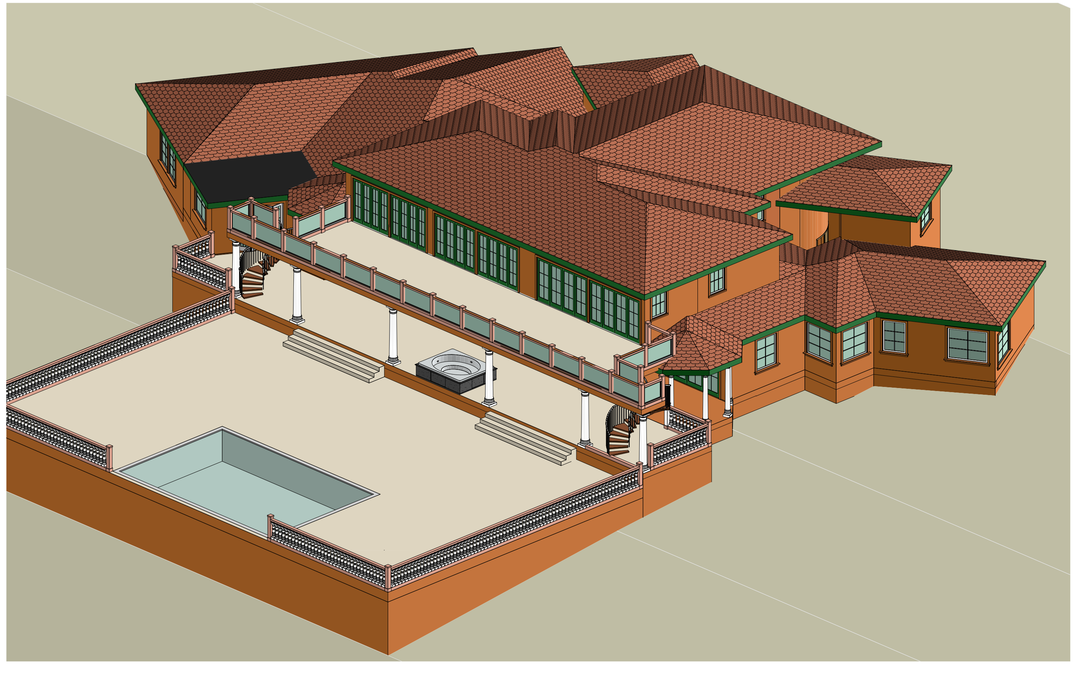


C SOUTHWEST AXONOMETRIC
SCALE: 3/32" = 1'-0"



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

REVISIONS	
DATE	#

9/28/20 10:27 AM

LICENSED ARCHITECT
DANIEL MATTHEW SILVERNAIL
C-24335
6-30-2021
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

AXONOMETRICS

SCHEMATIC DESIGN DOCUMENTS

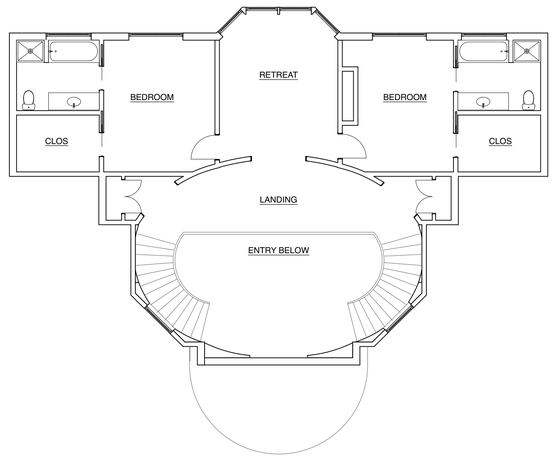
DHAMI RESIDENCE

2100 OLD CALAVERAS RD MILPITAS CA 95035

APN 02931011

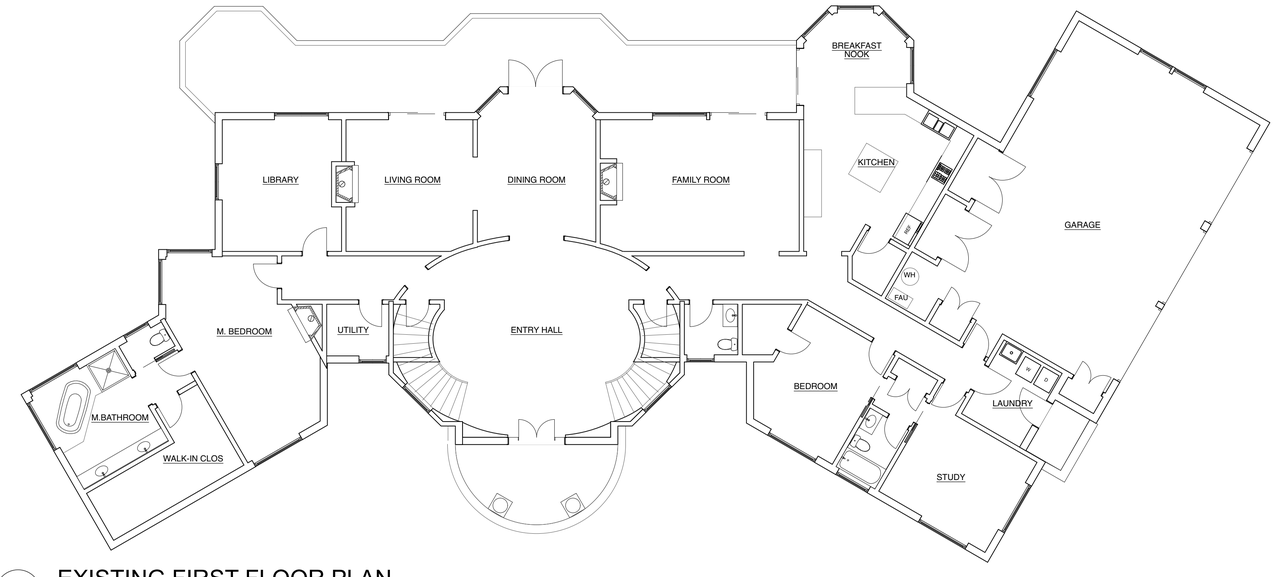
DATE xx/xx/xxxx
JOB# 20.008
MODELING BY DSAi
SHEET SK-6.0
OF 10 SHEETS

DESIGN REVIEW DRAWINGS



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	#

9/28/20 10:28 AM

LICENSED ARCHITECT
DANIEL MATTHEW SILVERNAIL
C-24335
6-30-2021
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

EXISTING CONDITIONS

SCHEMATIC DESIGN DOCUMENTS

DHAMI RESIDENCE

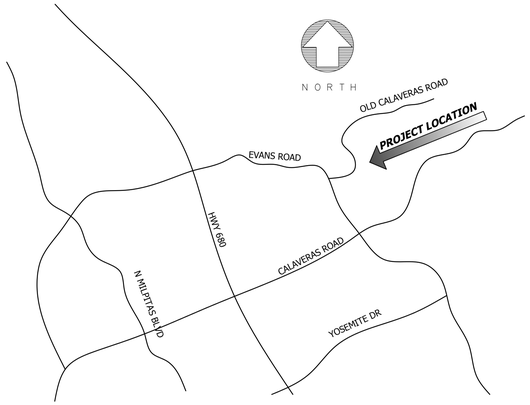
2100 OLD CALAVERAS RD MILPITAS CA 95035

APN 022310111

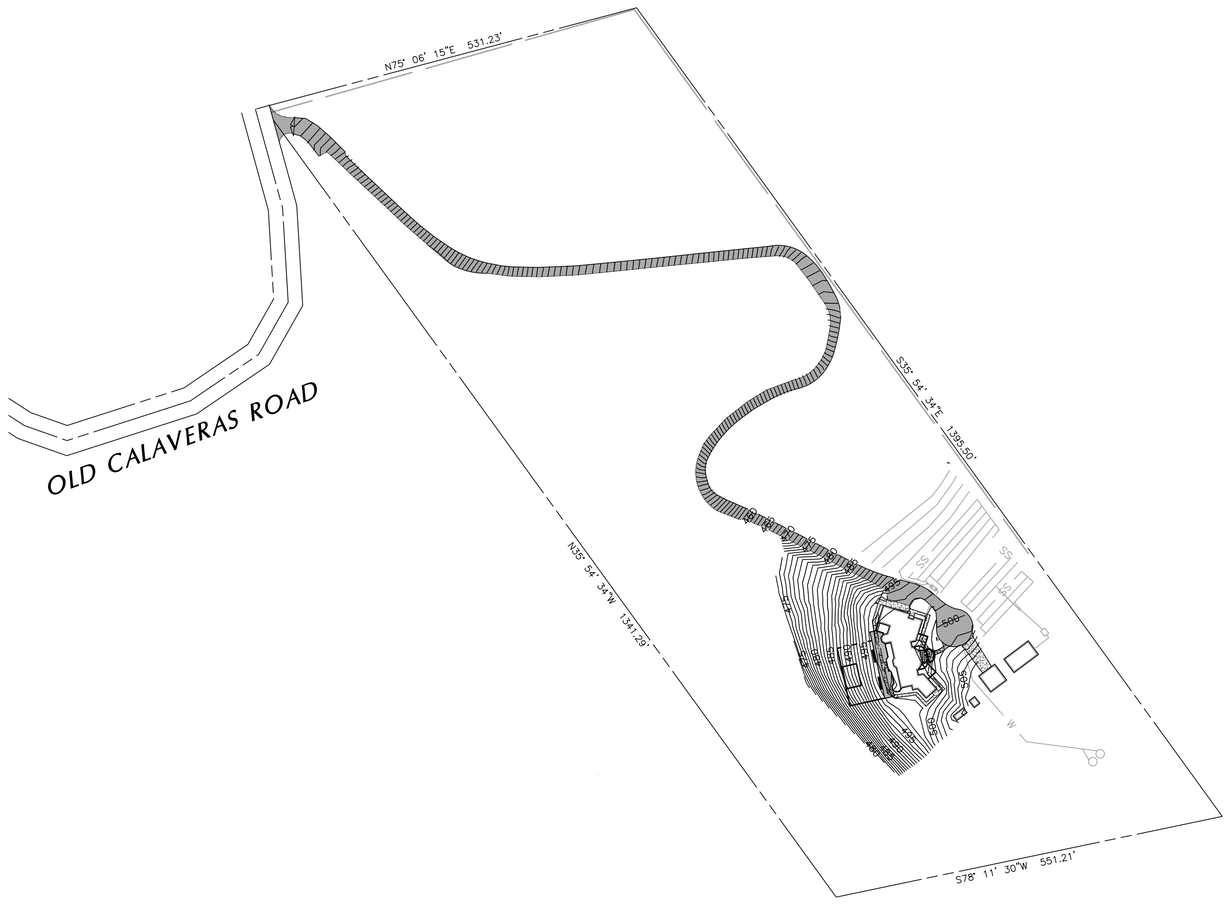
DESIGN REVIEW DRAWINGS

DATE	xx/xx/xxxx
JOB#	20.008
MODELING BY	DSAi
SHEET	EX-1
OF	10 SHEETS

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



VICINITY MAP
SCALE: NTS



SCALE: 1"=100'
0 100 200 300

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

1. NO CHANGE TO THE PLANS SHALL BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL BY THE OWNER OR OWNERS REPERESENTATIVES.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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

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

Call Two Working Days Before You Dig!

1-800-642-2444

REVISIONS	BY

COVER SHEET

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

C2G /CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
4444 Scotts Valley Drive / Suite 6
Scotts Valley, CA 95066
T (831) 438-4420 F (831) 438-4420

DHAMI RESIDENCE
2100 OLD CALAVERAS RD
MILPITAS CA 95035

Date: 09/09/2020
Scale: 1" = 100'
Drawn: JR
Job: 9010.01
Sheet: C0.1
Of 9 Sheets

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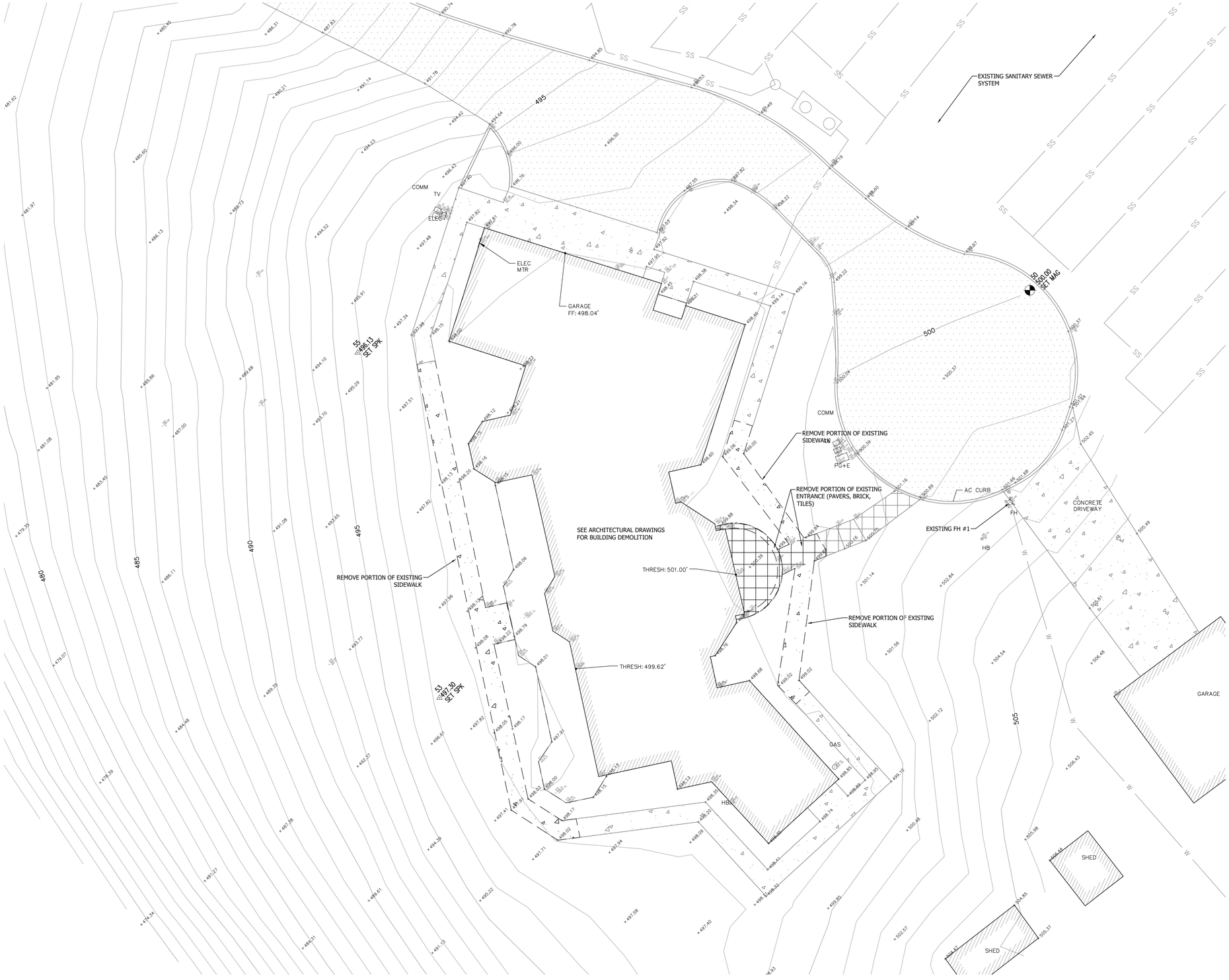

ABBREVIATIONS

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	UNDREGROUND
W	WATER
FM	FORCE MAIN

IMPACTED AREA DEMO

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

REVISIONS	BY

EXISTING CONDITIONS AND DEMOLITION PLAN

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

C2G /CIVIL CONSULTANTS
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DHAMI RESIDENCE
2100 OLD CALAVERAS RD
MILPITAS CA 95035

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Of	9 Sheets

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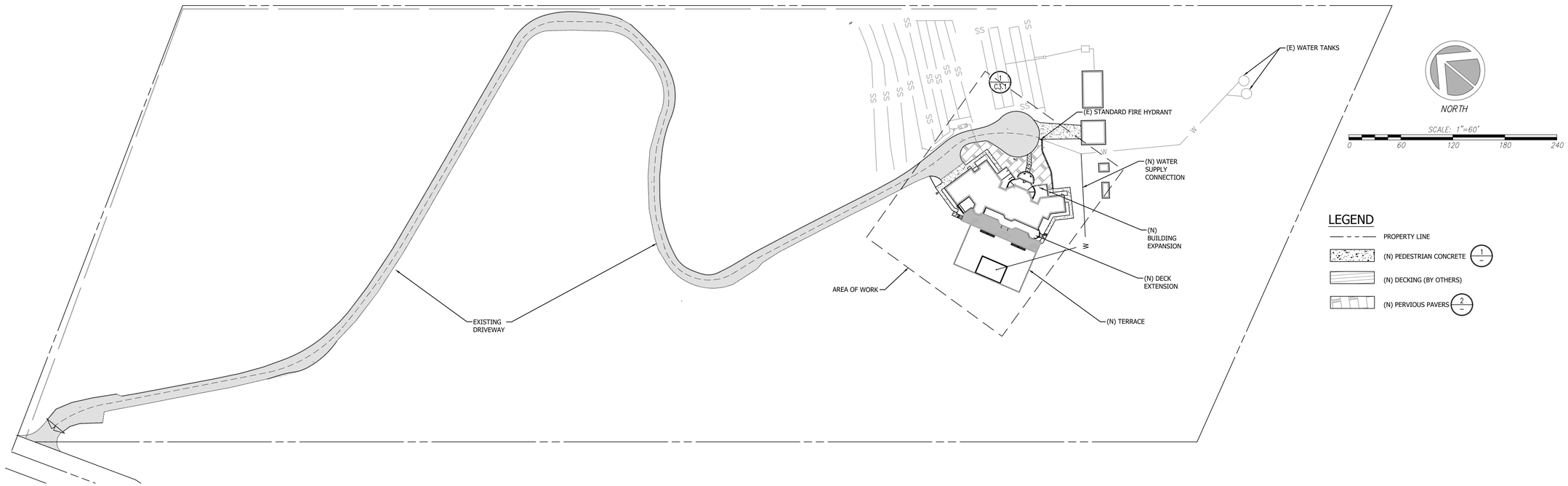
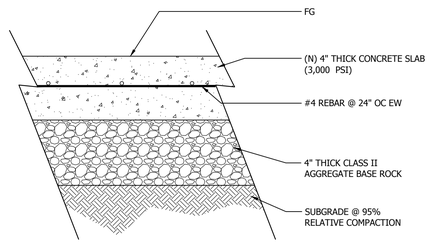
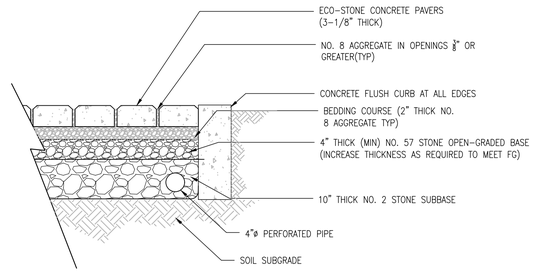




1 CONCRETE SIDEWALK SECTION

Scale: NTS



2 PERVIOUS PAVER SECTION

Scale: NTS

REVISIONS	BY

OVERALL SITE PLAN

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

C2G /CIVIL CONSULTANTS GROUP, INC.
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Scotts Valley, CA 95066
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DHAMI RESIDENCE
2100 OLD CALAVERAS RD
MILPITAS CA 95035

Date:	09/09/2020
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Of	9 Sheets

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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	0	0	0	0	0
DRIVEWAY IMP	0	0	0	0	0
SITE GRADING	0	0	0	0	0
PIERS	100	100	0	15	15
RETAINING WALLS	0	0	0	0	0
TOTAL					

NET VOLUME = 0 CU.YDS. OF FILL

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.

NORTH

SCALE: 1"=10'

0 10 20 30

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

- PEDESTRIAN CONCRETE
- DECKING (BY OTHERS)
- PROPERTY LINE
- PERVIOUS PAVERS

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 _____

A-30

REVISIONS	BY

GRADING AND DRAINAGE PLAN

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

C2G /CIVIL CONSULTANTS GROUP, INC.
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Scotts Valley, CA 95066
T (831) 438-4420 F (831) 438-4420

DHAMI RESIDENCE
2100 OLD CALAVERAS RD
MILPITAS CA 95035

Date:	09/09/2020
Scale:	1" = 10'
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Of	9 Sheets

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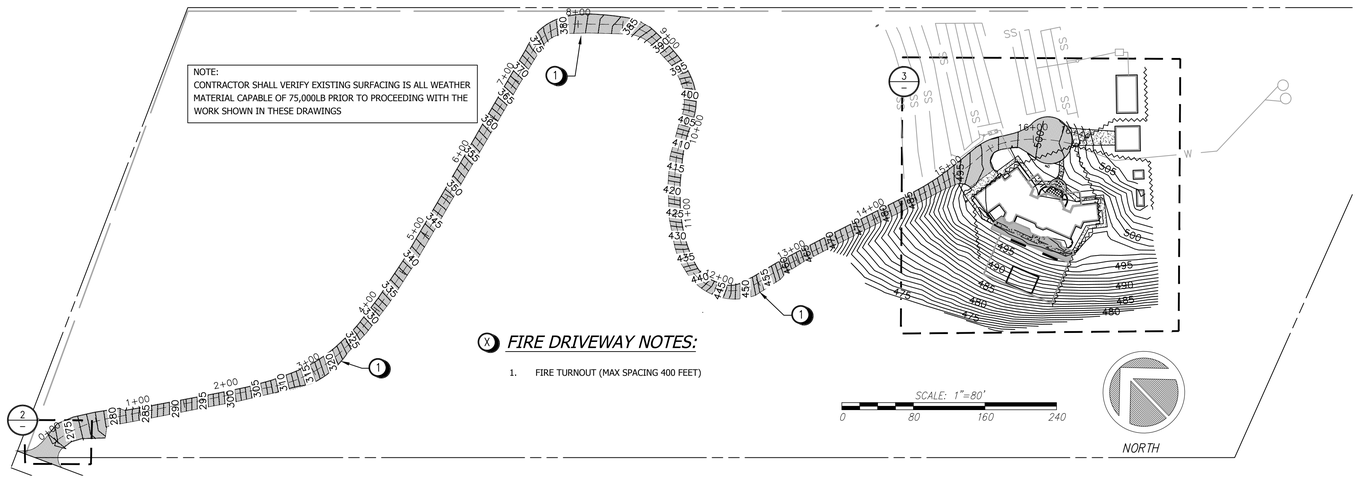
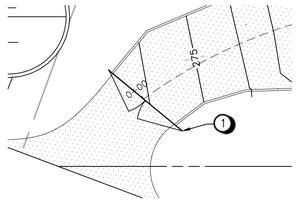


1 EXISTING DRIVEWAY PLAN

Scale: 1"=80'



FIRE PREVENTION ENTRY NOTES:

1. EXISTING ELECTRIC GATE

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

SCALE: 1"=20'
0 20 40 60

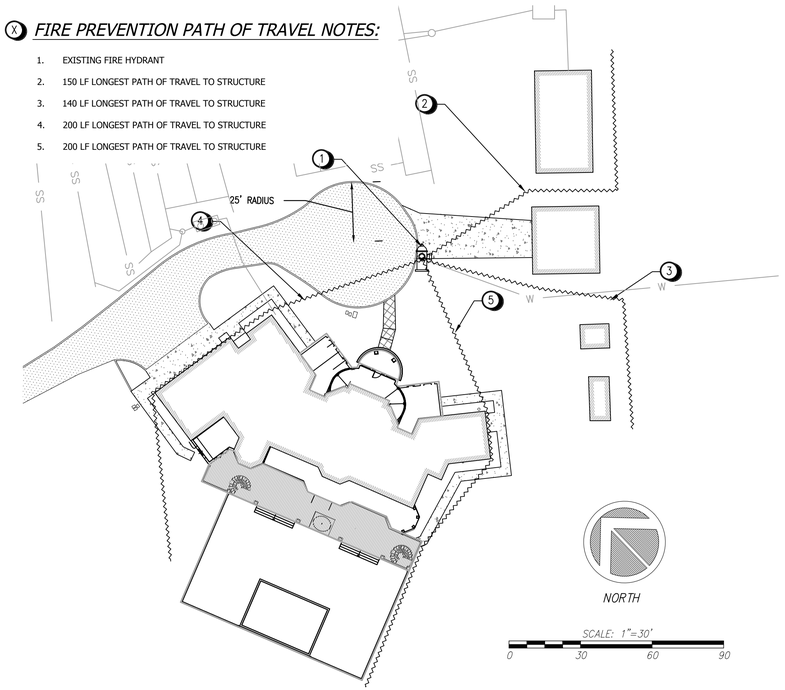
NORTH

2 ENLARGED PLAN FOR DRIVEWAY ENTRY

Scale: 1"=80'

FIRE PREVENTION PATH OF TRAVEL NOTES:

1. EXISTING FIRE HYDRANT
2. 150 LF LONGEST PATH OF TRAVEL TO STRUCTURE
3. 140 LF LONGEST PATH OF TRAVEL TO STRUCTURE
4. 200 LF LONGEST PATH OF TRAVEL TO STRUCTURE
5. 200 LF LONGEST PATH OF TRAVEL TO STRUCTURE



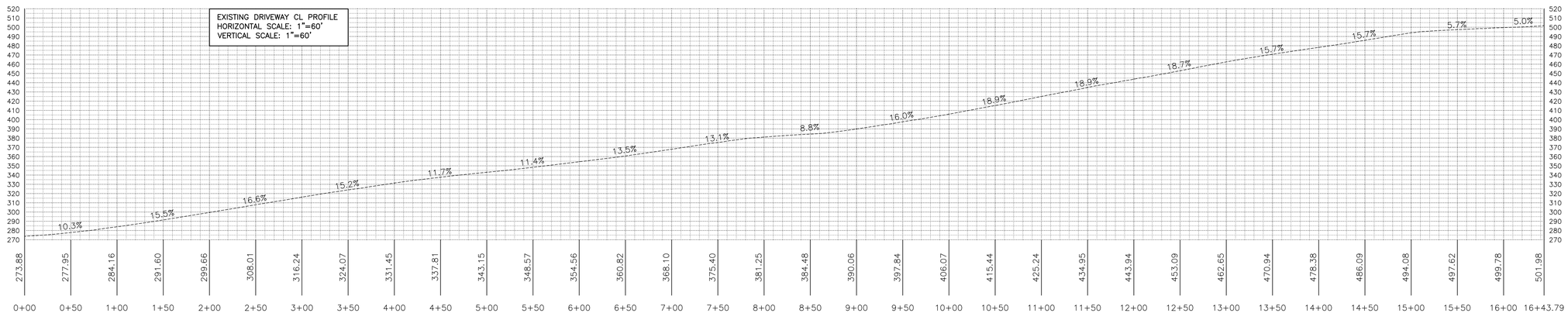
NOTE:
REQUIRED DRIVEWAYS FOR NEW OR EXPANDED ONE AND TWO FAMILY DWELLINGS AND/OR ASSOCIATED STRUCTURES WHERE ANY PORTION OF THE PROTECED STRUCTURE IS IN EXCESS OF 150 FEET FROM THE CENTERLINE OF A PUBLIC OR PRIVATE ROADWAY MUST MEET THE REQUIREMENTS OF CFMO-SD16. TURNAROUND "C" IS REQUIRED TO HAVE A RADIUS OF 32' MINIMUM

3 FIRE HYDRANT PATH OF TRAVEL

Scale: 1"=30'

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.

SCALE: 1"=60'
0 60 120 180



4 EXISTING DRIVEWAY PROFILE

Scale: 1"=60'

REVISIONS	BY

FIRE PREVENTION PLAN

REGISTERED PROFESSIONAL ENGINEER
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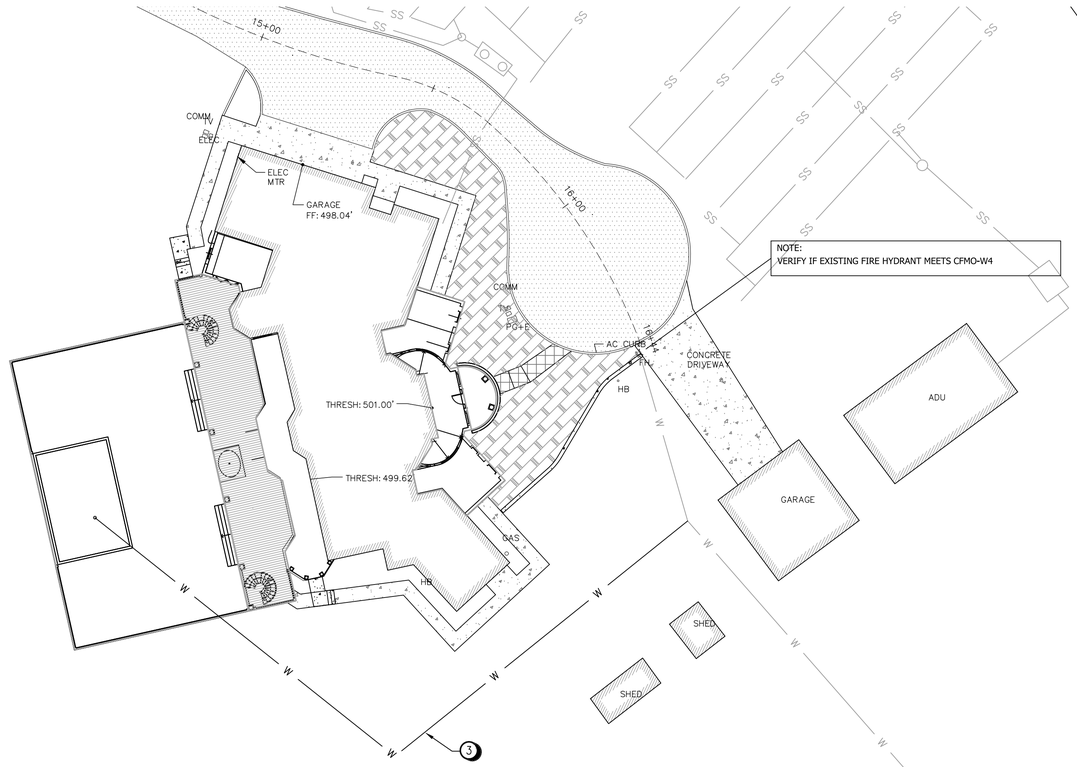
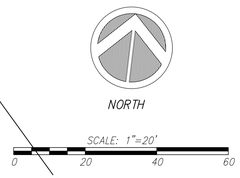
Date: 09/09/2020
Scale: VARIES
Drawn: JR
Job: 9010.01
Sheet: C4.1
Of 9 Sheets

Drawing: Z:\Shared\C4D\9010.01 - Dhami Residence\Design\C4D\Sheets\9010.01 - C4.1 - FIRE PREVENTION PLAN.dwg Layout: 24X36L Last Saved: Fri Sep 18, 2020 - 12:28pm Last Plotted: Fri Sep 18, 2020 - 12:22pm By: jaime

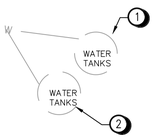


NOTE:
VERIFY IF EXISTING FIRE HYDRANT MEETS CFMO-W4



WATER SUPPLY NOTES:

1. EXISTING 12' DIA 5000 GALLON FIRE PROTECTION WATER SUPPLY TANK TO SERVE WHARF HYDRANT
2. EXISTING 12' DIA 5000 GALLON FIRE PROTECTION WATER SUPPLY TANK TO SERVE WHARF HYDRANT
3. CONNECT PROPOSED SWIMMING POOL TO EXISTING EMERGENCY FIRE WATER SUPPLY SYSTEM WITH A 4" PVC PIPE. CONTRACTOR TO VERIFY EXISTING LOCATION UNDERGROUND WATER SUPPLY PIPING. POOL MUST CONTAIN AT LEAST 5000 GALLONS OF WATER AT ALL TIMES TO MEET MINIMUM REQUIREMENTS FOR BUILDING SQUARE FOOTAGE.



NOTE:
CFMO-W1 REQUIRES 15,000 GALLONS OF WATER STORAGE FOR STRUCTURES BETWEEN 3,600 AND 10,000 SF. AN ADDITIONAL 5000 GALLONS OF EMERGENCY SUPPLY TO THE WHARF HYDRANT WILL NEED TO BE ADDED TO MEET THE REQUIREMENTS.

EXISTING TANKS REQUIRED TO MEET CFMO-W5 REQUIREMENTS. CONTRACTOR TO VERIFY EXISTING CONDITONS.

1 PROPOSED WATER TANK TO WHARF HYDRANT CONNECTION PLAN

Scale: 1"=20'

REVISIONS	BY

FIRE PREVENTION PLAN

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Scale:	1"=20'
Drawn:	JR
Job:	9010.01
Sheet:	C4.2
Of	9 Sheets

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NORTH

SCALE: 1"=20'

0 20 40 60

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 WATTLES, 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

EROSION CONTROL PLAN

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Of	9 Sheets

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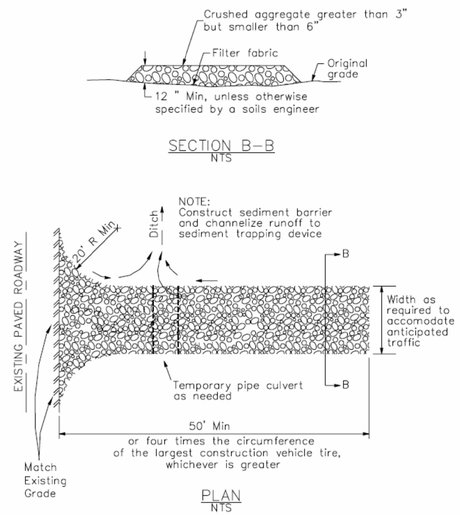
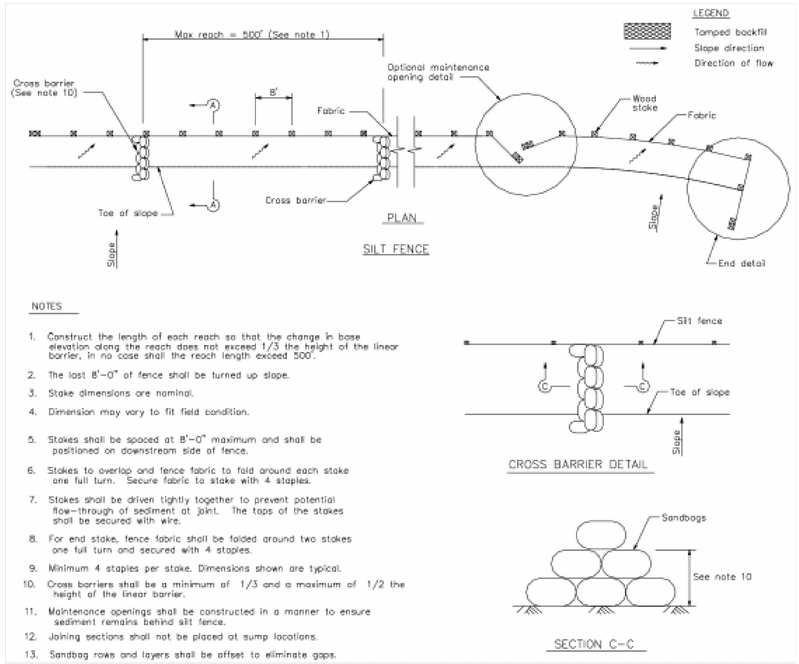
3 Stabilized Construction Entrance/Exit

CASQA Detail TC-1



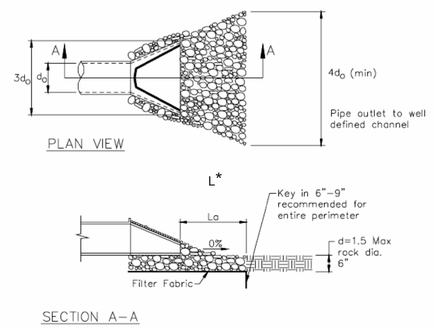
1 Silt Fence

CASQA Detail SE-1



4 Velocity Dissipation Devices

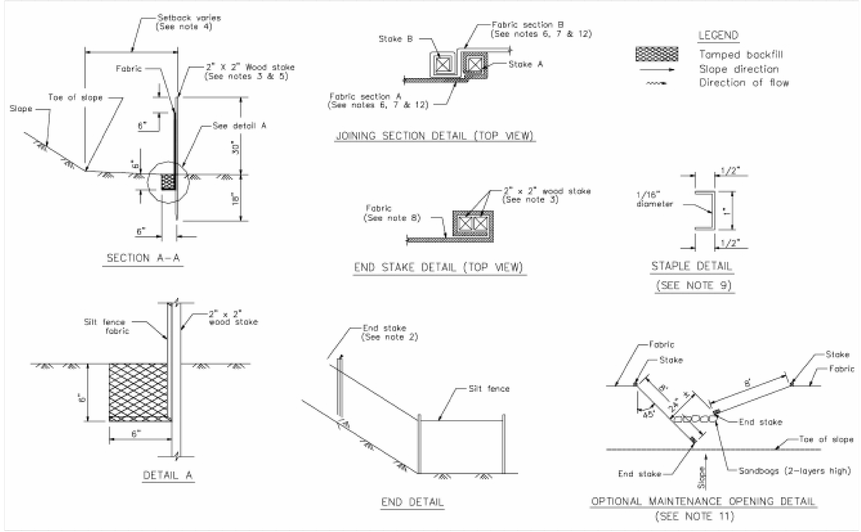
CASQA Detail EC-10



* Length per ABAG Design Standards

2 Silt Fence

CASQA Detail SE-1



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

STANDARD BEST MANAGEMENT PRACTICE NOTES

1. 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.
2. Hazardous Waste Management: Provide proper handling and disposal of hazardous wastes by a licensed hazardous waste material hauler. Hazardous wastes shall be stored and properly labeled in sealed containers constructed of suitable materials. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-5 to C-6) or latest.
3. 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.
4. 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.
5. Material Delivery, Handling and Storage: In general, materials should not be stockpiled on site. Where temporary stockpiles are necessary and approved by the County, they shall be covered with secured plastic sheeting or tarp and located in designated areas near construction entrances and away from drainage paths and waterways. Barriers shall be provided around storage areas where materials are potentially in contact with runoff. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-11 to C-12) or latest.
6. Handling and Disposal of Concrete and Cement: When concrete trucks and equipment are washed on-site, concrete wastewater shall be contained in designated containers or in a temporary lined and watertight pit where wasted concrete can harden for later removal. If possible have concrete contractor remove concrete wash water from site. In no case shall fresh concrete be washed into the road right-of-way. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-15 to C-16) or latest.
7. Pavement Construction Management: Prevent or reduce the discharge of pollutants from paving operations, using measures to prevent run-on and runoff pollution and properly disposing of wastes. Avoid paving in the wet season and reschedule paving when rain is in the forecast. Residue from saw-cutting shall be vacuumed for proper disposal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-17 to C-18) or latest.
8. Contaminated Soil and Water Management: Inspections to identify contaminated soils should occur prior to construction and at regular intervals during construction. Remediating contaminated soil should occur promptly after identification and be specific to the contaminant identified, which may include hazardous waste removal. Refer to Erosion & Sediment Control Field Manual, 4th Edition (pages C-19 to C-20) or latest.
9. Sanitary/Septic Waste Management: Temporary sanitary facilities should be located away from drainage paths, waterways, and traffic areas. Only licensed sanitary and septic waste haulers should be used. Secondary containment should be provided for all sanitary facilities. Refer to Erosion & Sediment Control Field Manual, 4th Edition (page C-21) or latest.
10. 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

1. 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, ect.) to ensure silt does not leave the site or enter the storm drain system or neighboring watercourse.

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

REVISIONS	BY

EROSION CONTROL DETAILS

REGISTERED PROFESSIONAL ENGINEER
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Date:	09/09/2020
Scale:	NTS
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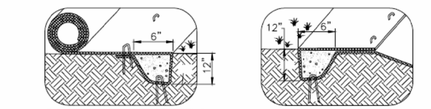
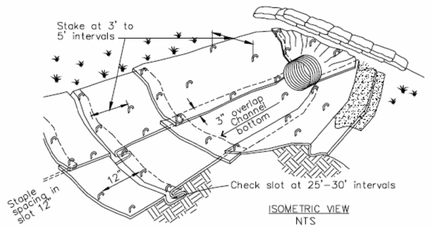
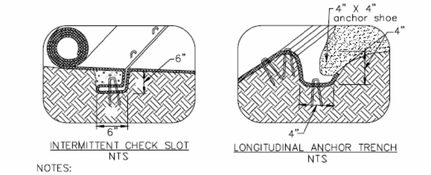
Of	9 Sheets

7 Geotextiles and Mats

CASQA Detail EC-7





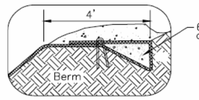


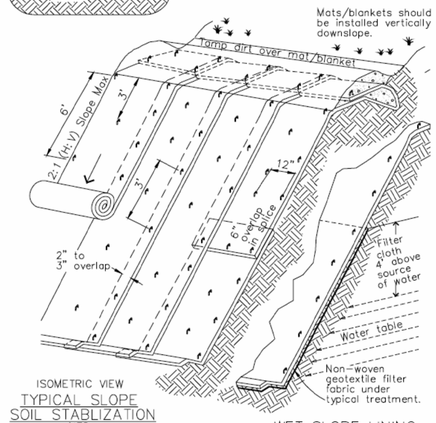
NOTES:
1. Check slots to be constructed per manufacturers specifications.
2. Staking or stapling layout per manufacturers specifications.
3. Install per manufacturer's recommendations

TYPICAL INSTALLATION DETAIL

5 Geotextiles and Mats

CASQA Detail EC-7



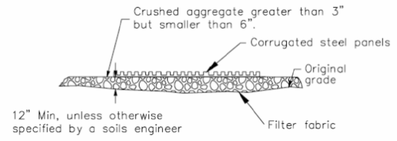


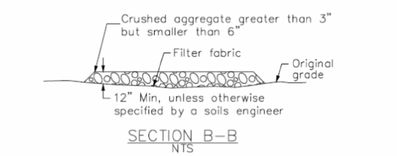
NOTES:
1. Slope surface shall be free of rocks, clods, sticks and grass. Mats/blankets shall have good soil contact.
2. Lay blankets loosely and stake or staple to maintain direct contact with the soil. Do not stretch.
3. Install per manufacturer's recommendations

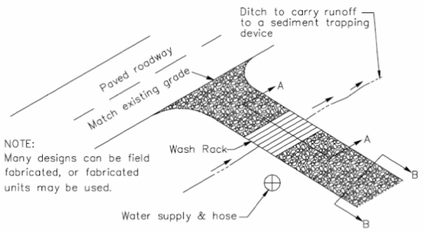
TYPICAL INSTALLATION DETAIL

3 Entrance/Outlet Tire Wash

CASQA Detail TC-3

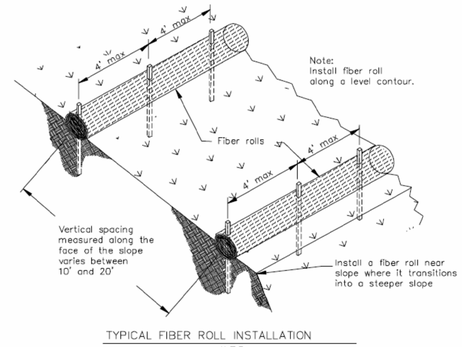


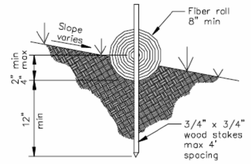




1 Fiber Rolls

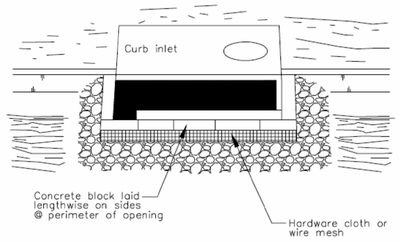
CASQA Detail SE-5

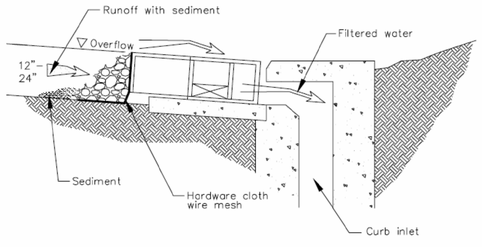




8 Storm Drain Inlet Protection

CASQA Detail SE-10

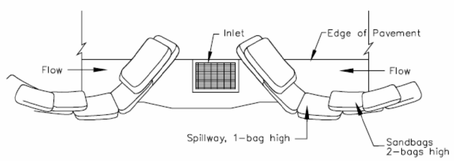




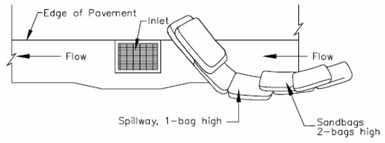
DI PROTECTION – TYPE 4
NOT TO SCALE

6 Storm Drain Inlet Protection

CASQA Detail SE-10



TYPICAL PROTECTION FOR INLET ON SUMP



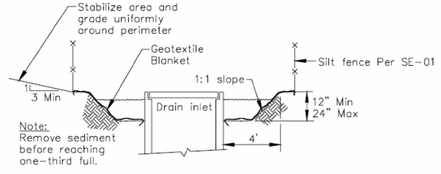
TYPICAL PROTECTION FOR INLET ON GRADE

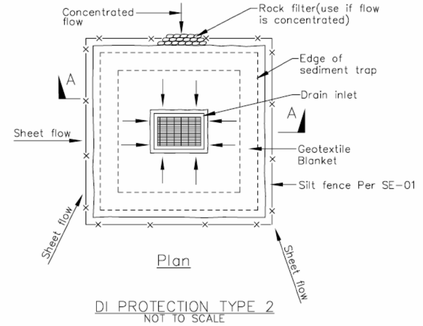
NOTES:
1. Intended for short-term use.
2. Use to inhibit non-storm water flow.
3. Allow for proper maintenance and cleanup.
4. Bags must be removed after adjacent operation is completed
5. Not applicable in areas with high silts and clays without filter fabric.

DI PROTECTION TYPE 3
NOT TO SCALE

4 Storm Drain Inlet Protection

CASQA Detail SE-10



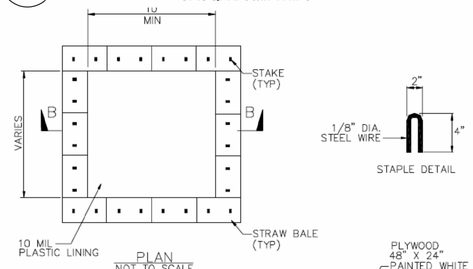


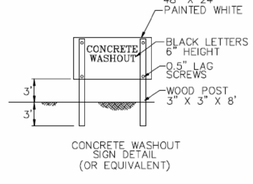
DI PROTECTION TYPE 2
NOT TO SCALE

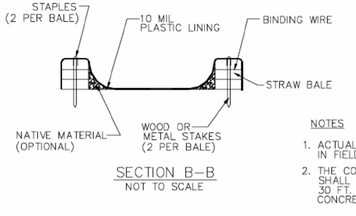
Notes
1. For use in cleared and grubbed and in graded areas.
2. Shape basin so that longest inflow area faces longest length of trap.
3. For concentrated flows, shape basin in 2:1 ratio with length oriented towards direction of flow.

2 Concrete Waste Management

CASQA Detail WM-8







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

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

REVISIONS	BY

EROSION CONTROL DETAILS

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

C2G /CIVIL CONSULTANTS GROUP, INC.
Engineers/Planners
4444 Scotts Valley Drive / Suite 6
Scotts Valley, CA 95066
T (831) 438-4420 F (831) 438-4420

DHAMI RESIDENCE
2100 OLD CALAVERAS RD
MILPITAS CA 95035

Date:	09/09/2020
Scale:	NTS
Drawn:	JR
Job:	9010.01
Sheet:	C5.3
Of	9 Sheets

Drawing: Z:\Shared\CAD\9010.01 - Dhami Residence\Design\CAD\Sheets\9010.01 - C5.3 - SANTA CLARA COUNTY ECOZ FALS.dwg Layout: 24X36L Last Saved: Tue Sep 15, 2020 - 10:27am Last Plotted: Fri Sep 18, 2020 - 12:23pm By: JMM

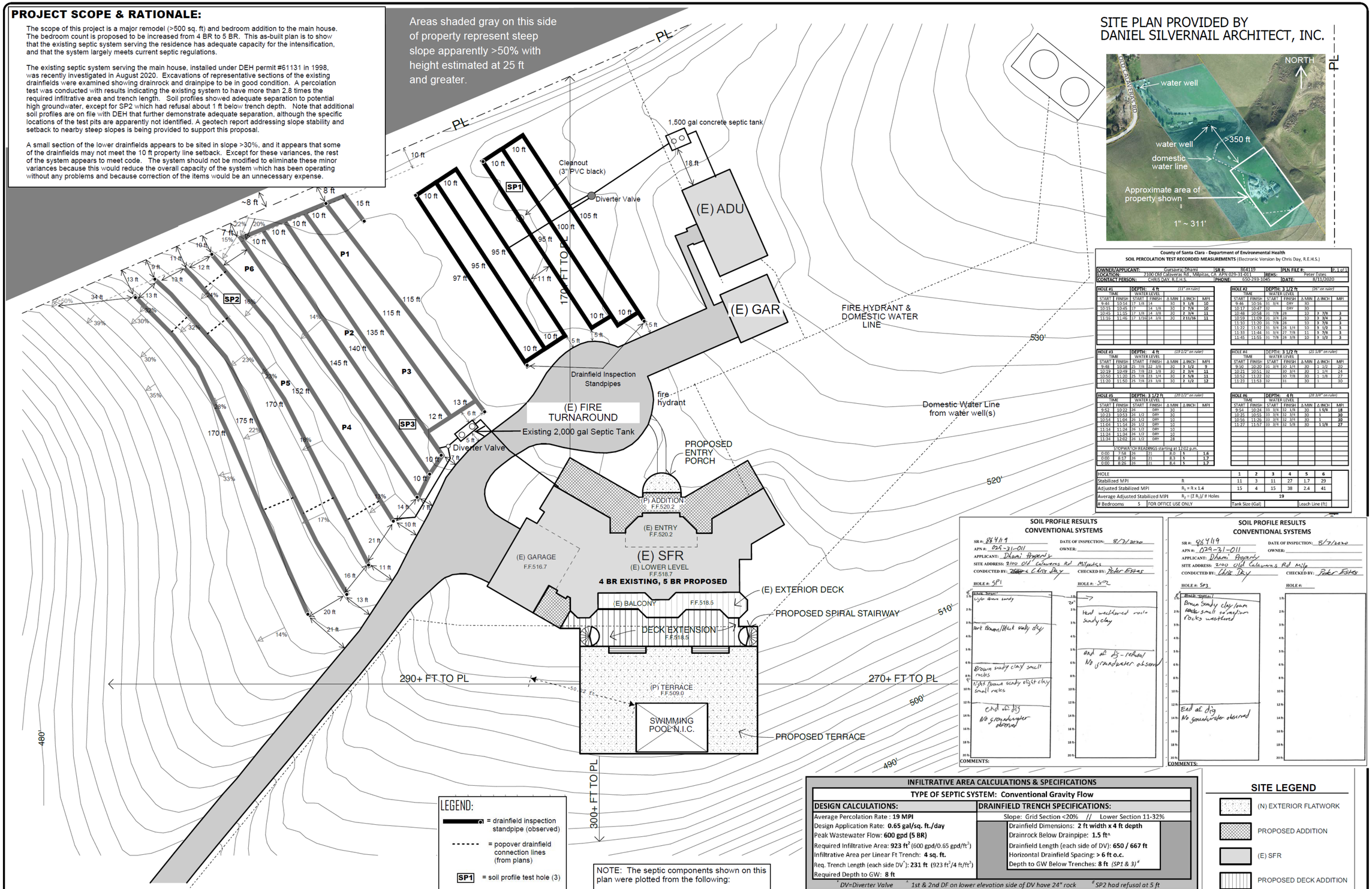
PROJECT SCOPE & RATIONALE:

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 5 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 about 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: Gursaveraj Dhami | SR #: 864119 | PLN FILE #: | p. 1 of 1
LOCATION: 2100 Old Calaveras Rd., Milpitas, CA APN 029-31-011 | REHS: Peter Estes
CONTACT PERSON: CHRIS DAY, R.E.H.S. | PHONE: 650-293-1045 | DATE: 8/11/2020

HOLE #1 — DEPTH: 4 ft (11" on ruler)

TIME START	TIME FINISH	WATER LEVEL START	WATER LEVEL FINISH	Δ MIN	Δ INCH	MPI
9:40	10:14	15 1/8	14	30	3 1/8	10
10:15	10:45	17	14 1/8	30	2 7/8	10
10:45	11:15	17 1/8	14 3/8	30	2 3/4	11
11:15	11:45	17 1/8	14 3/8	30	2 11/16	11

HOLE #2 — DEPTH: 3 1/2 ft (76" on ruler)

TIME START	TIME FINISH	WATER LEVEL START	WATER LEVEL FINISH	Δ MIN	Δ INCH	MPI
9:46	10:16	33 3/4	DRY	30		
10:17	10:47	32	DRY	30		
10:48	10:58	31 7/8	28	10	3 7/8	3
10:59	11:09	31 3/4	28	10	3 3/4	3
11:10	11:20	31 7/8	28	10	3 7/8	3
11:22	11:32	31 3/4	28 1/4	10	3 1/2	3
11:33	11:44	31 3/4	27 7/8	11	3 7/8	3
11:45	11:55	31 7/8	28 3/8	10	3 1/2	3

HOLE #3 — DEPTH: 4 ft (39 1/2" on ruler)

TIME START	TIME FINISH	WATER LEVEL START	WATER LEVEL FINISH	Δ MIN	Δ INCH	MPI
9:48	10:18	25 7/8	22 3/8	30	3 1/2	9
10:19	10:49	25 7/8	23 1/8	30	2 3/4	11
10:50	11:20	25 7/8	23 1/8	30	2 7/8	11
11:20	11:50	25 7/8	23 3/8	30	2 1/2	12

HOLE #4 — DEPTH: 3 1/2 ft (25 5/8" on ruler)

TIME START	TIME FINISH	WATER LEVEL START	WATER LEVEL FINISH	Δ MIN	Δ INCH	MPI
9:50	10:20	33 3/4	30 1/4	30	3 1/2	20
10:21	10:51	32	30 3/4	30	1 1/4	24
10:52	11:23	32	30 7/8	30	1 1/8	27
11:23	11:53	32	31	30	1	30

HOLE #5 — DEPTH: 3 1/2 ft (33 1/2" on ruler)

TIME START	TIME FINISH	WATER LEVEL START	WATER LEVEL FINISH	Δ MIN	Δ INCH	MPI
9:52	10:22	26	DRY	30		
10:23	10:53	26 1/2	DRY	30		
10:54	11:04	26 1/2	DRY	10		
11:04	11:14	26 1/2	DRY	10		
11:14	11:24	26 1/2	DRY	10		
11:24	11:34	26 1/2	DRY	10		
11:34	12:02	26 1/2	DRY	28		

STOPWATCH READINGS starting at 12:02 p.m.

0:00	7:58	26	21	8.0	5	1.6
0:00	8:17	26	21	8.3	5	1.7
0:00	8:26	26	21	8.4	5	1.7

HOLE #6 — DEPTH: 4 ft (39 3/4" on ruler)

TIME START	TIME FINISH	WATER LEVEL START	WATER LEVEL FINISH	Δ MIN	Δ INCH	MPI
9:54	10:24	33 3/4	32 1/8	30	1 5/8	18
10:25	10:55	33 3/4	32 3/4	30	1	30
10:56	11:26	33 3/4	32 3/4	30		30
11:27	11:57	33 3/4	32 5/8	30	1 1/8	27

HOLE		1	2	3	4	5	6
Stabilized MPI	R	11	3	11	27	1.7	29
Adjusted Stabilized MPI	$R_1 = R \times 1.4$	15	4	15	38	2.4	41
Average Adjusted Stabilized MPI	$R_1 = (\Sigma R_1)/\#$ Holes	19					
# Bedrooms 5	FOR OFFICE USE ONLY	Tank Size (Gal)			Leach Line (ft)		

SOIL PROFILE RESULTS CONVENTIONAL SYSTEMS

SR #: 864119 | DATE OF INSPECTION: 8/7/2020
APN #: 029-31-011 | OWNER:
APPLICANT: Dhami Property
SITE ADDRESS: 2100 Old Calaveras Rd Milpitas
CONDUCTED BY: ~~Peter~~ Chris Day | CHECKED BY: Peter Estes

HOLE #: SP1 — Black topsoil; Light brown sandy; Dark Brown/Black really dry; Brown sandy clay/ small rocks; Light Brown sandy slight clay small rocks; End of dig No groundwater observed

HOLE #: SP2 — Hard weathered rock+ sandy clay; End of dig - refusal No groundwater observed

COMMENTS:

SOIL PROFILE RESULTS CONVENTIONAL SYSTEMS

SR #: 864119 | DATE OF INSPECTION: 8/7/2020
APN #: 029-31-011 | OWNER:
APPLICANT: Dhami Property
SITE ADDRESS: 2100 Old Calaveras Rd Mlp
CONDUCTED BY: Chris Day | CHECKED BY: Peter Estes

HOLE #: SP3 — Black topsoil; Brown Sandy clay/loam Rocks small to medium Rocks weathered; End of dig No groundwater observed

HOLE #:

COMMENTS:

INFILTRATIVE AREA CALCULATIONS & SPECIFICATIONS

TYPE OF SEPTIC SYSTEM: Conventional Gravity Flow

DESIGN CALCULATIONS:	DRAINFIELD TRENCH SPECIFICATIONS:
Average Percolation Rate : **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: **600 gpd (5 BR)**	Drainrock Below Drainpipe: **1.5 ft^**
Required Infiltrative Area: **923 ft²** (600 gpd/0.65 gpd/ft²)	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*): **231 ft** (923 ft²/4 ft/ft²)	Depth to GW Below Trenches: **8 ft** *(SP1 & 3)#*
Required Depth to GW: **8 ft**	

** DV=Diverter Valve ^ 1st & 2nd DF on lower elevation side of DV have 24" rock # SP2 had refusal at 5 ft*

SITE LEGEND

- (N) EXTERIOR FLATWORK
- PROPOSED ADDITION
- (E) SFR
- PROPOSED DECK ADDITION

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.

PLAN NORTH

A PRELIMINARY SITE PLAN
SCALE: 1" = 20'

THIS IS NOT A SURVEY

ORIG: 18 Aug 2020
REV 1: 20 Aug 2020
REV 2:

PLAN BY: Christopher Day, REHS
P.O. Box 26 Redwood City, CA 94064
Tel. 650-293-1045
Email: christopherday@aol.com

OWNER: Gursaveraj Dhami
Tel. 647-928-7896
dhamigs2@gmail.com

2100 Old Calaveras Rd, Milpitas, CA 95035
APN 029-31-011 (SR0864119)

SITE PLAN

As-Built Septic System Plan
To Serve Remodel of House from 4 BR to 5 BR

OWTS 1