

# 23691 CAMINO HERMOSO DR

LOS ALTOS HILLS, CA 94024

A New Vibrant & Sustainable Residence

**PROPOSED SCOPE OF GREEN DESIGN**

Environmental Innovations in Design, on behalf of the owners of 23691 Camino Hermoso Dr., California, is pleased to design this new single family residence in a highly attractive and sustainable manner.

The new home will be built efficiently per current structural, energy efficiency, and lifestyle criteria.

We are proposing a residence with two story living space, basement, and three car basement garage. This high performance and sustainable home is tailored to accommodate the specific site configuration and the Client's particular programming conditions illustrated in these construction documents. The facade elevation and architectural style is designed according to a modern craftsman style and responsibly addresses with care and sensitivity to the surrounding environment, solar orientation, neighboring homes, and topography while maintaining Code compliant systems, and fostering the overall goals of creating an architecturally pleasing aesthetic and progressively sustainable design.

Green programming features will include:

- Near-zero energy net consumption
  - Recycled, Re-used materials at walls, roofs, floors.
  - Recycling of 85% of Construction Waste
  - High Efficiency Heating and Cooling Systems
  - Passive & Mechanical Ventilation for Indoor Air Quality
  - Plentiful, well oriented Daylighting
  - Tankless or High Efficiency Water Heaters
  - On-Demand Hot Water Recirculation Pumps
  - Photovoltaic and/or Hot Water Panels on Roofs
  - Use of Fly Ash and Recycled Rebar in Concrete
  - Heat dissipating technologies at exterior walls
  - Low-E, thermally insulated Windows
  - Drought Tolerant, Water Efficient Landscaping
  - Electrical Vehicle charging stations
  - Improved Energy Performance above Title-24 Energy Compliance Requirements
- The Architect will provide professional services of this under California Architect license number C-26427.



**FIRE DEPT. REQUIREMENTS:**

- **WILDLAND-URBAN INTERFACE:** THIS PROJECT IS LOCATED WITHIN THE DESIGNATED WILDLAND-URBAN INTERFACE FIRE AREA. THE BUILDING CONSTRUCTION SHALL COMPLY WITH THE PROVISIONS OF SECTION R327 OF THE CALIFORNIA RESIDENTIAL CODE OR THE CALIFORNIA BUILDING CODE (CBC) CHAPTER 7A., AS APPLICABLE. NOTE THAT VEGETATION CLEARANCE SHALL BE IN COMPLIANCE WITH CBC SECTION 701A.3.2.4 PRIOR TO PROJECT FINAL APPROVAL.
- **FIRE SPRINKLERS REQUIRED:** AN AUTOMATIC RESIDENTIAL FIRE SPRINKLER SYSTEM SHALL BE INSTALLED IN ONE- AND TWO- FAMILY DWELLINGS AS FOLLOWS: IN ALL NEW ONE- AND TWO- FAMILY DWELLINGS INCLUDING POOLHOUSE AND IN EXISTING ONE- AND TWO- FAMILY DWELLINGS WHEN ADDITIONS ARE MADE THAT INCREASE THE BUILDING AREA TO MORE THAN 3,600 SQUARE FEET. EXCEPTION: A ONE-TIME ADDITION TO AN EXISTING BUILDING THAT DOES NOT TOTAL MORE THAN 1,000 SQUARE FEET OF BUILDING AREA. NOTE: THE OWNER(S), OCCUPANT(S) AND ANY CONTRACTOR(S) OR SUBCONTRACTOR(S) ARE RESPONSIBLE FOR CONSULTING WITH THE WATER PURVEYOR OF RECORD IN ORDER TO DETERMINE IF ANY MODIFICATION OR UPGRADE OF THE EXISTING WATER SERVICE IS REQUIRED. A STATE OF CALIFORNIA LICENSED (C-16) FIRE PROTECTION CONTRACTOR SHALL SUBMIT PLANS, CALCULATIONS, A COMPLETED PERMIT APPLICATION AND APPROPRIATE FEES TO THIS DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO BEGINNING THEIR WORK. CRC SEC. 313.2 AS ADOPTED AND AMENDED BY LAHMC.
- **WATER SUPPLY REQUIREMENTS:** POTABLE WATER SUPPLIES SHALL BE PROTECTED FROM CONTAMINATION CAUSED BY FIRE PROTECTION WATER SUPPLIES. IT IS THE RESPONSIBILITY OF THE APPLICANT AND ANY CONTRACTORS AND SUBCONTRACTORS TO CONTACT THE WATER PURVEYOR SUPPLYING THE SITE OF SUCH PROJECT, AND TO COMPLY WITH THE REQUIREMENTS OF THAT PURVEYOR. SUCH REQUIREMENTS SHALL BE INCORPORATED INTO THE DESIGN OF ANY WATER-BASED FIRE PROTECTION SYSTEMS, AND/ OR FIRE SUPPRESSION WATER SUPPLY SYSTEMS OR STORAGE CONTAINERS THAT MAY BE PHYSICALLY CONNECTED IN ANY MANNER TO AN APPLIANCE CAPABLE OF CAUSING CONTAMINATION OF THE POTABLE WATER SUPPLY OF THE PURVEYOR OF RECORD. FINAL APPROVAL OF THE SYSTEM(S) UNDER CONSIDERATION WILL NOT BE GRANTED BY THIS OFFICE UNTIL COMPLIANCE WITH THE REQUIREMENTS OF THE WATER PURVEYOR OF RECORD ARE DOCUMENTED BY THAT PURVEYOR AS HAVING BEEN MET BY THE APPLICANT(S). 2010 CFC SEC. 903.3.5 AND HEALTH AND SAFETY CODE 13114.7.
- **FIRE APFARATUS (ENGINE) ACCESS DRIVEWAY AND TURNAROUND REQUIRED:** NOTED ON PAGE C-4.0 OF THE PLANS 14 FEET PAVED WIDTH, VERTICAL CLEARANCE SHALL BE IN ACCORDANCE WITH THE FIRE CODE, 13 FEET 6 INCHES, MAXIMUM GRADE SHALL NOT EXCEED 15%. TURNAROUNDS ARE REQUIRED FOR ALL DRIVEWAYS WITH A LENGTH IN EXCESS OF 150 FEET. CFC SEC. 505.3.
- **EMERGENCY GATE/ACCESS GATE REQUIREMENTS:** GATE INSTALLATIONS SHALL CONFORM WITH FIRE DEPARTMENT STANDARD DETAILS AND SPECIFICATION G-1 AND WHEN OPEN SHALL NOT OBSTRUCT ANY PORTION OF THE REQUIRED WIDTH FOR EMERGENCY ACCESS ROADWAYS OR DRIVEWAYS. LOCKS, IF PROVIDED, SHALL BE FIRE DEPARTMENT APPROVED BEFORE INSTALLATION. GATES ACROSS THE EMERGENCY ACCESS ROADWAYS SHALL BE EQUIPPED WITH AN APPROVED ACCESS DEVICES. IF THE GATES ARE OPERATED ELECTRICALLY, AN APPROVED KNOX KEY SWITCH SHALL BE INSTALLED. IF THEY ARE OPERATED MANUALLY, THEN AN APPROVED KNOX PADLOCK SHALL BE INSTALLED. GATES PROVIDING ACCESS FROM A ROAD TO A DRIVEWAY OR OTHER ROADWAY SHALL BE AT LEAST 30 FEET FROM THE ROAD BEING EXITED. CFC SEC. 503 AND 506.
- **ADDRESS IDENTIFICATION:** NEW AND EXISTING BUILDINGS SHALL HAVE APPROVED ADDRESS NUMBERS, BUILDING NUMBERS OR APPROVED BUILDING IDENTIFICATION PLACED IN A POSITION THAT IS PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. THESE NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND. WHERE REQUIRED BY THE FIRE CODE OFFICIAL, ADDRESS NUMBERS SHALL BE PROVIDED IN ADDITIONAL APPROVED LOCATIONS TO FACILITATE EMERGENCY RESPONSE. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL BE A MINIMUM OF 4 INCHES (101.6 MM) HIGH WITH A MINIMUM STROKE WIDTH OF 0.5 INCHES (12.7 MM). WHERE ACCESS IS BY MEANS OF A PRIVATE ROAD AND THE BUILDING CANNOT BE VIEWED FROM THE PUBLIC WAY, A MONUMENT, POLE OR OTHER SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE. ADDRESS NUMBERS SHALL BE MAINTAINED. CFC SEC. 505.1.
- **CONSTRUCTION SITE FIRE SAFETY:** ALL CONSTRUCTION SITES MUST COMPLY WITH APPLICABLE PROVISIONS OF THE CFC CHAPTER 33 AND OUR STANDARD DETAIL AND SPECIFICATION S1-7. PROVIDE APPROPRIATE NOTATIONS ON SUBSEQUENT PLAN SUBMITTALS, AS APPROPRIATE TO THE PROJECT. CFC CHAPTER 33.

**PROJECT DATA SUMMARY:**

PRIVATE SINGLE FAMILY RESIDENCE - ZONING RA  
TYPE V-B CONSTRUCTION

PLANNING PERMIT # TBD  
BUILDING PERMIT NUMBER: TBD  
APN# 336 - 39 - 006  
LOT AREA: 57,273 SF (1.3 Acres)  
Jurisdiction - Town of Los Altos Hills

NFPA 13D AUTOMATIC FIRE SPRINKLERS AND INTERIOR SMOKE ALARMS PROVIDED AT DWELLING PER FIRE PROTECTION DISTRICT.

ALL CONSTRUCTION SHALL COMPLY WITH 2019 CRC, CBC, CPC, CMC, CEC and 2019 California Energy Code, LOS ALTOS HILLS MUNICIPAL CODE, ALL LOCAL AMENDMENTS / ORDINANCES, and ALL LOCAL SUB-TRADE CODES. CONTRACTOR SHALL COMPLY WITH 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, REFER TO GB SHEETS.

**GEOTECHNICAL NOTE:**  
• The Geotechnical aspects of the construction including demolition and rough site grading, at-grade foundation excavations, subgrade preparation and the installation of surface drainage control systems, should be performed in accordance with the recommendations presented in the geotechnical report prepared by Engineers. Engineers should be provided at least 48 hours advance notification of any geotechnical aspects of the construction and should be present to observe and test, as necessary, the earthwork, foundation, and drainage installation phases of the project.

DEFERRED SUBMITTALS FOR THIS PROJECT INCLUDE:  
ROOF TRUSSES, FIRE SPRINKLERS, PHOTOVOLTAIC ARRAY, EVSE (electric vehicle charging stations).

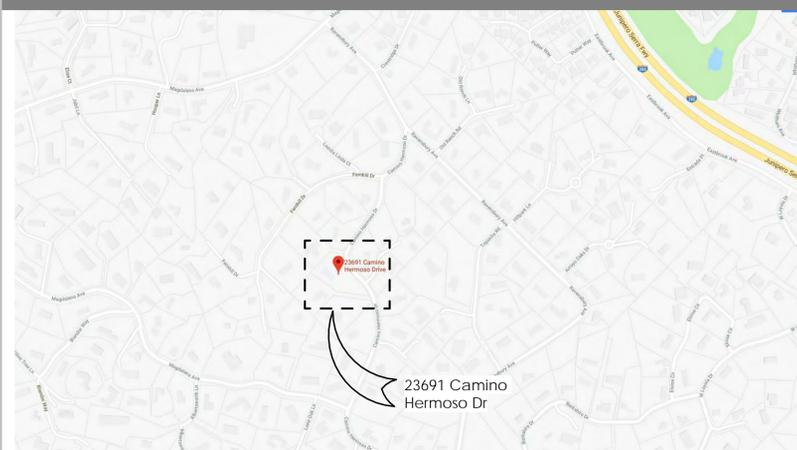
SPECIAL INSPECTIONS REQUIRED:  
DRILLED PIERS, HIGH STRENGTH CONCRETE, FIELD WELDING, HIGH STRENGTH SHEAR WALLS.

**SCOPE OF WORK:**

THE SCOPE OF WORK FOR THIS PROJECT INCLUDES THE CONSTRUCTION OF A NEW 2 STORY ABOVE GRADE SINGLE FAMILY RESIDENCE OF TYPE VB CONSTRUCTION WITH A FULL BASEMENT. THE WORK INCLUDES SITE GRADING, UTILITY CONNECTIONS AND VEHICULAR AND PEDESTRIAN PAVING AND LANDSCAPING.

Location:				23691 Camino Hermoso drive Los Altos Hills, CA 94024
Assessors Parcel Number:				336-39-006
Gross Lot Area:	1.30 Acres	57,273 sf		
Average slope within net area of lot		29.63%		re: Worksheet #1 & Sheet SL-1
Existing House and Garage	3,691sf			
Total Floor Area (MFA):	Allowed	Proposed		Refer to Civil plans and Worksheet #1 & #2 for calculations
Maximum Permitted MFA:	5,970 sf	5,964 sf		
First Floor		4,943 sf	MFA	
Second Floor		1,021 sf	MFA	
		5,964 sf	Total MFA	
Basement Mud/ Garage		1,359 sf	(not included in MFA)	
Basement		2,666 sf	(not included in MFA)	
Basement ALQ		999 sf	(not included in MFA)	
Development Area (MDA):	Allowed	Proposed		Refer to Civil plans and Worksheet #1 & #2 for calculations
Maximum Permitted MDA:	12,708 sf	12,259 sf		
House (1st & 2nd Fl.)		5,964 sf		
Basement Mud/ Garage		1,359 sf		
Basement		2,666 sf		
Basement ALQ		999 sf		
Uncovered Parking		327 sf		
Pool		944 sf		
		12,259 sf	Total MDA	
Building Height:	Allowed	Proposed		
Maximum Building Height:	27'	~ 23'		See Elevs. A-4.x, Sec. A-5.5
Up to	32'			Where setback is increased 3' : 1 for increase in height above 27', 4' : 1 at Front Yard Setback
Setbacks:	Allowed	Proposed		
Front:	40'	61.8'		See Site Plan, A-1.1
Right Side:	30'	47.4'		See Site Plan, A-1.1
Left Side:	30'	55.1'		See Site Plan, A-1.1
Rear:	30'	53.5'		See Site Plan, A-1.1
Parking:	Required	Proposed		
Total Parking	5	5		
including covered	3 covered	3 covered		
		2 uncovered		

**VICINITY MAP:**



**SHEET INDEX:**

Sheet No	Sheet Name
A-0.0	COVER SHEET
A-0.50	RENDERING VIEW FROM CAMINO HERMOSO
A-0.51	RENDERING FROM UPHILL PROPERTY
A-0.52	3D VIEWS
A-0.53	3D VIEWS
A-0.7	PROPOSED AREA BLOCK DIAGRAMS
A-1.1	SITE PLAN
A-3.0	BASEMENT PLAN
A-3.1	FIRST FLOOR PLAN
A-3.2	SECOND FLOOR PLAN
A-3.4	ROOF PLAN
A-4.1	ELEVATIONS - NORTH & SOUTH
A-4.2	ELEVATIONS - EAST & WEST
A-4.3	CARPORT PLAN, ELEVATIONS & SECTION
A-5.0	SITE SECTIONS
A-5.1	SECTIONS 1
A-5.2	SECTIONS 2
A-5.3	SECTIONS 3
A-6.1	COLORS AND MATERIALS
GB1	GREENPOINT CHECKLIST
Total Sheets: 20	

**PROJECT TEAM:**

**SEPTIC:**

**S.R. HARTSELL, R.E.H.S.**  
202 Waterford Dr.  
Vacaville, CA 95688  
Phone: (650) 888-2419  
Mobile: shartsell@gmail.com

**ARBORIST:**

**Advanced Tree Care**  
P.O. Box 5326  
Redwood City, CA 94063  
Phone: (650) 839-9539  
Mobile: (650) 537-0172  
Email: rweather@pacbell.net

**T24/ GREEN RATER:**

**TBD**  
Address  
Phone:  
Mobile:  
Email:

**LANDSCAPE ARCHITECT:**

**ZAC Landscape Architects**  
145 Keller Street  
Petaluma, CA 94952  
Phone: (707) 696-2967  
Mobile: sandrared1574@gmail.com

**STRUCTURAL ENGINEER:**

**ZFA Structural Engineers**  
1390 El Camino Real, Suite 100  
San Carlos CA, 94070  
Phone: 650.394.8869  
Mobile: Jolep@zfa.com

**ARCHITECT: EID Architects**

**Environmental Innovations in Design**  
412 Olive Avenue  
Palo Alto, CA 94306-2225  
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**PERC TEST:**

**Langley Hill Quarry**  
4388 Alpine Rd.  
Portola Valley, CA 94028  
Phone: (650) 851-0126  
Mobile: (650) 464-1972  
Email: pat@langleyhill.com

**ELECTRICAL:**

**TBD**  
Address  
Phone:  
Mobile:  
Email:

**GEOTECHNICAL:**

**QUANTUM GEOTECHNICAL, INC.**  
6288 San Ignacio Ave., Ste D  
San Jose, CA 95119  
Phone: (408) 629-3822  
Mobile: (925) 788-2751  
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**SURVEYOR/ CIVIL ENG.:**

**Lea & Braze Engineering, Inc**  
2495 Industrial Parkway West  
Hayward, CA 94545  
Phone: (510) 887-4086  
Mobile: (510) 760-8727  
Email: pcarlino@leabraze.com  
callison@leabraze.com

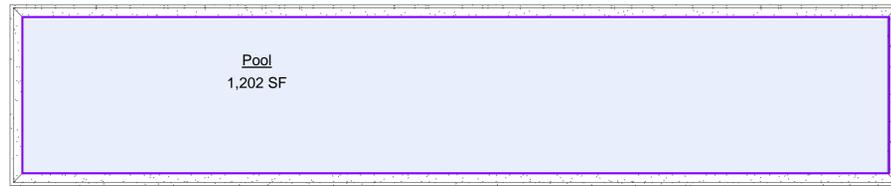
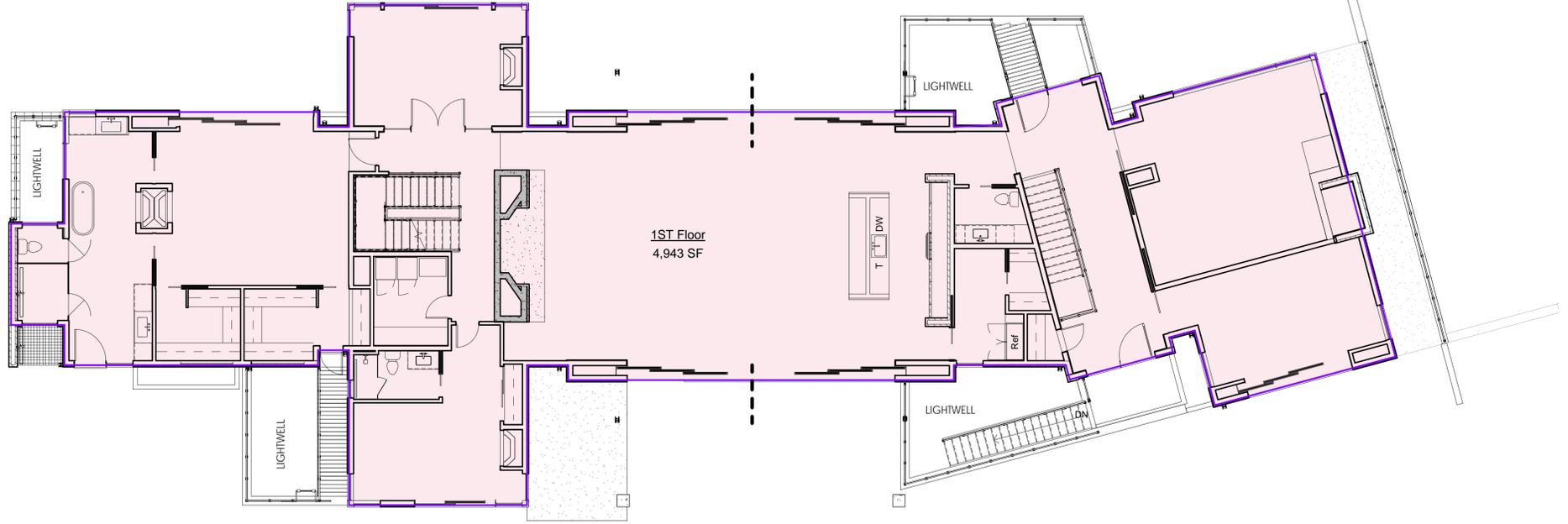
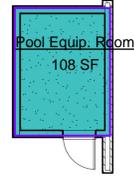
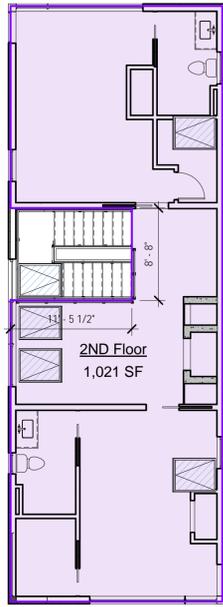
**GENERAL CONTRACTOR:**

**T.B.D.**  
Phone:  
Mobile:  
Email:

**OWNER:**

**EVERGREEN PROPERTY GROUP**  
5441 Country Club Parkway,  
San Jose, CA 95138  
Phone:  
Mobile: ()  
Email: mikellu63@yahoo.com

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③ TOSF 2nd SD  
1/8" = 1'-0"

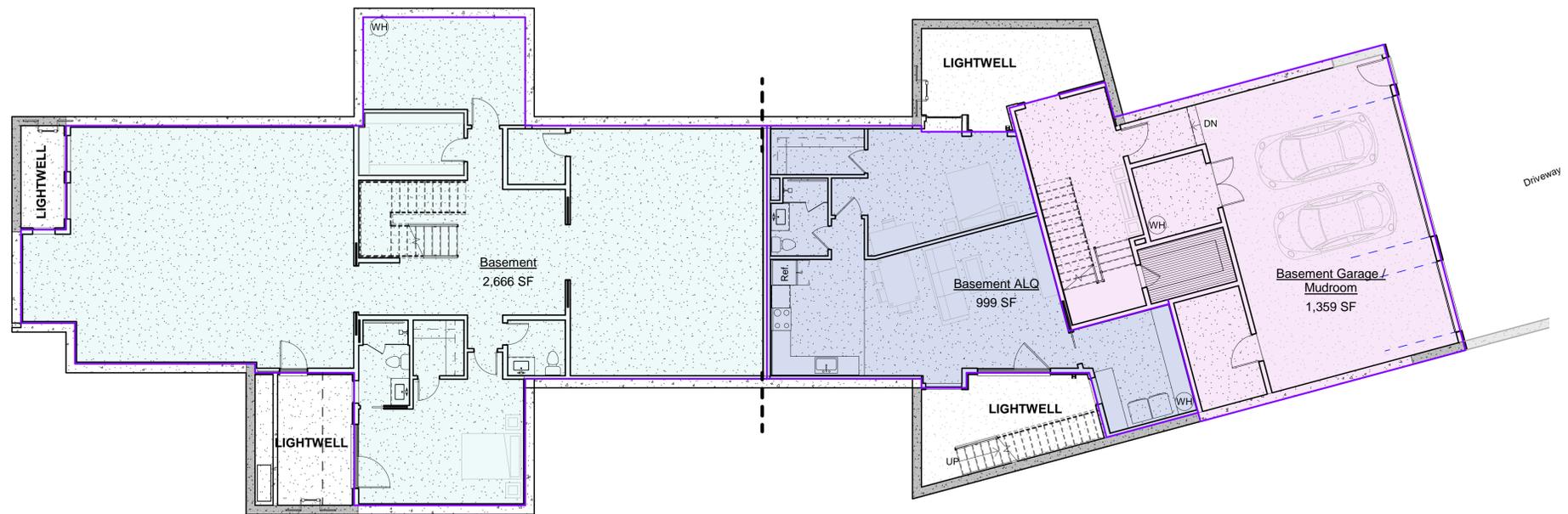
② TOSF 1st SD  
1/8" = 1'-0"

**Building Area Legend**

- 1ST Floor
- 2ND Floor
- Basement Garage / Mudroom
- Basement
- Basement ALQ
- Pool
- POOL EQUIP. RM.
- Pool Equip. Room
- Uncovered Parking

Location	Area	Comments
1ST Floor	4,943 SF	FAR
2ND Floor	1,021 SF	FAR
	5,963 SF = MFA	
Basement ALQ	999 SF	MDA
Basement Garage / Mudroom	1,359 SF	MDA
Basement	2,666 SF	MDA
	5,024 SF	
Pool	1,202 SF	SITE
Pool Equip. Room	108 SF	SITE
	1,310 SF	
Total Area	12,297 SF = MDA	

Max. areas per Worksheet #1  
(Re: Civil sheets)  
MFA Max. = 5,970 SF  
MDA Max. = 12,708 SF



① TOS Basement SD  
1/8" = 1'-0"

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23691 CAMINO HERMOSO DR.  
LOS ALTOS HILLS, CALIFORNIA 94024

SHEET TITLE  
RENDERING VIEW FROM CAMINO  
HERMOSO

SHEET NUMBER  
A-0.50

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SHEET TITLE  
RENDERING FROM UPHILL  
PROPERTY

SHEET NUMBER  
A-0.51

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① AERIAL PERSPECTIVE FACING NORTH EAST



② AERIAL PERSPECTIVE FACING SOUTH WEST

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SHEET TITLE  
3D VIEWS

SHEET NUMBER  
A-0.52

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① 3D PERSPECTIVE FACING NORTH EAST



② 3D PERSPECTIVE FACING NORTH WEST

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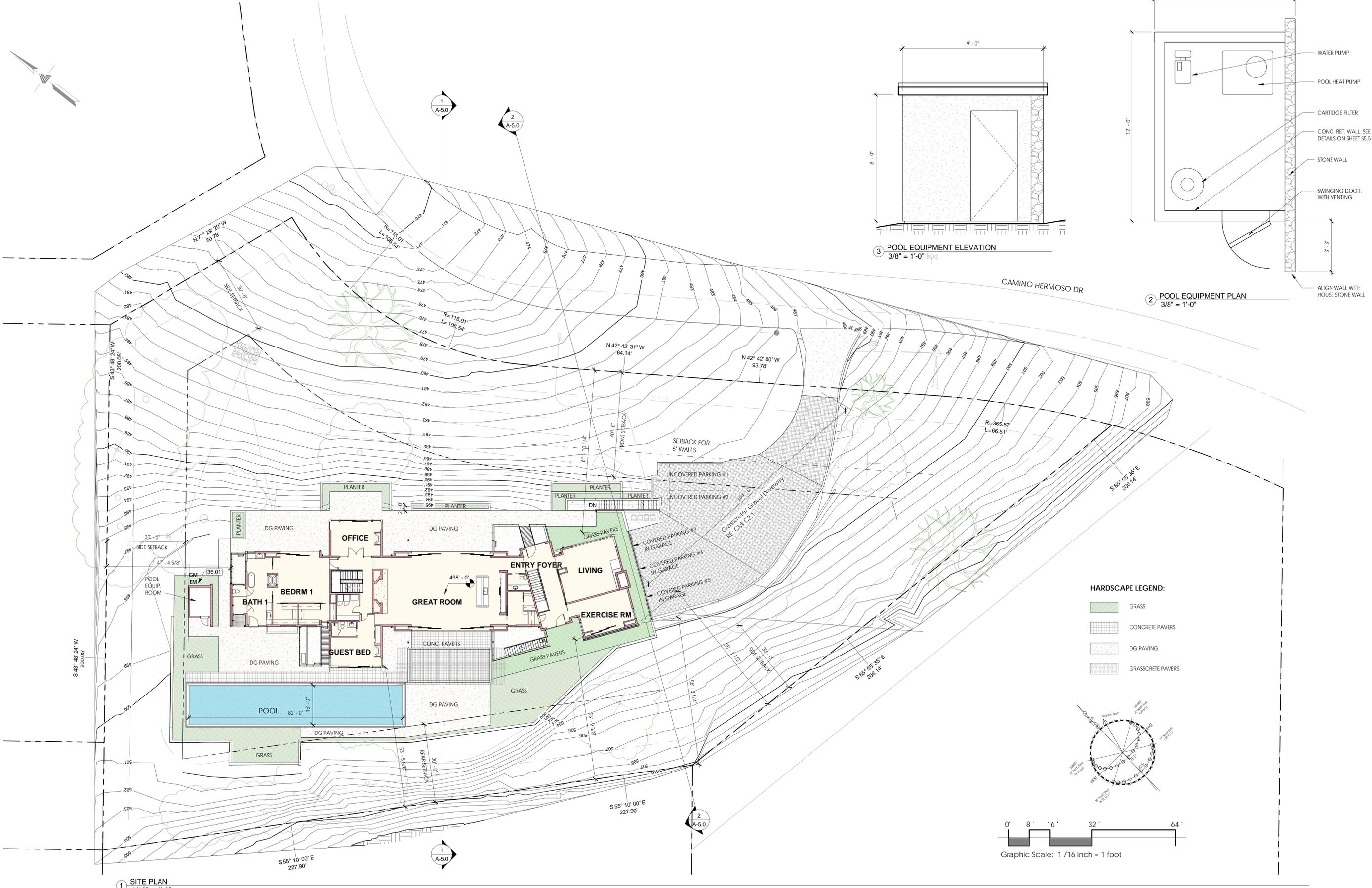
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SHEET TITLE  
3D VIEWS

SHEET NUMBER  
A-0.53

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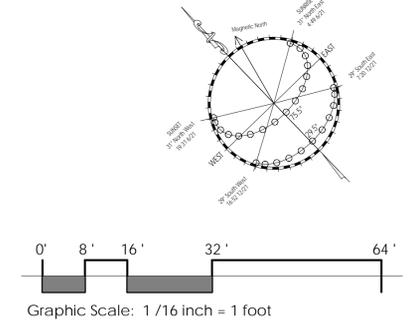
1 SITE PLAN  
1/16" = 1'-0"

3 POOL EQUIPMENT ELEVATION  
3/8" = 1'-0"

2 POOL EQUIPMENT PLAN  
3/8" = 1'-0"

**HARDSCAPE LEGEND:**

	GRASS
	CONCRETE PAVERS
	DG PAVING
	GRASSCRETE PAVERS



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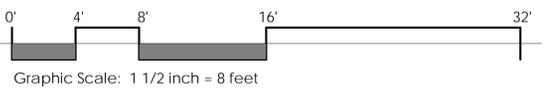
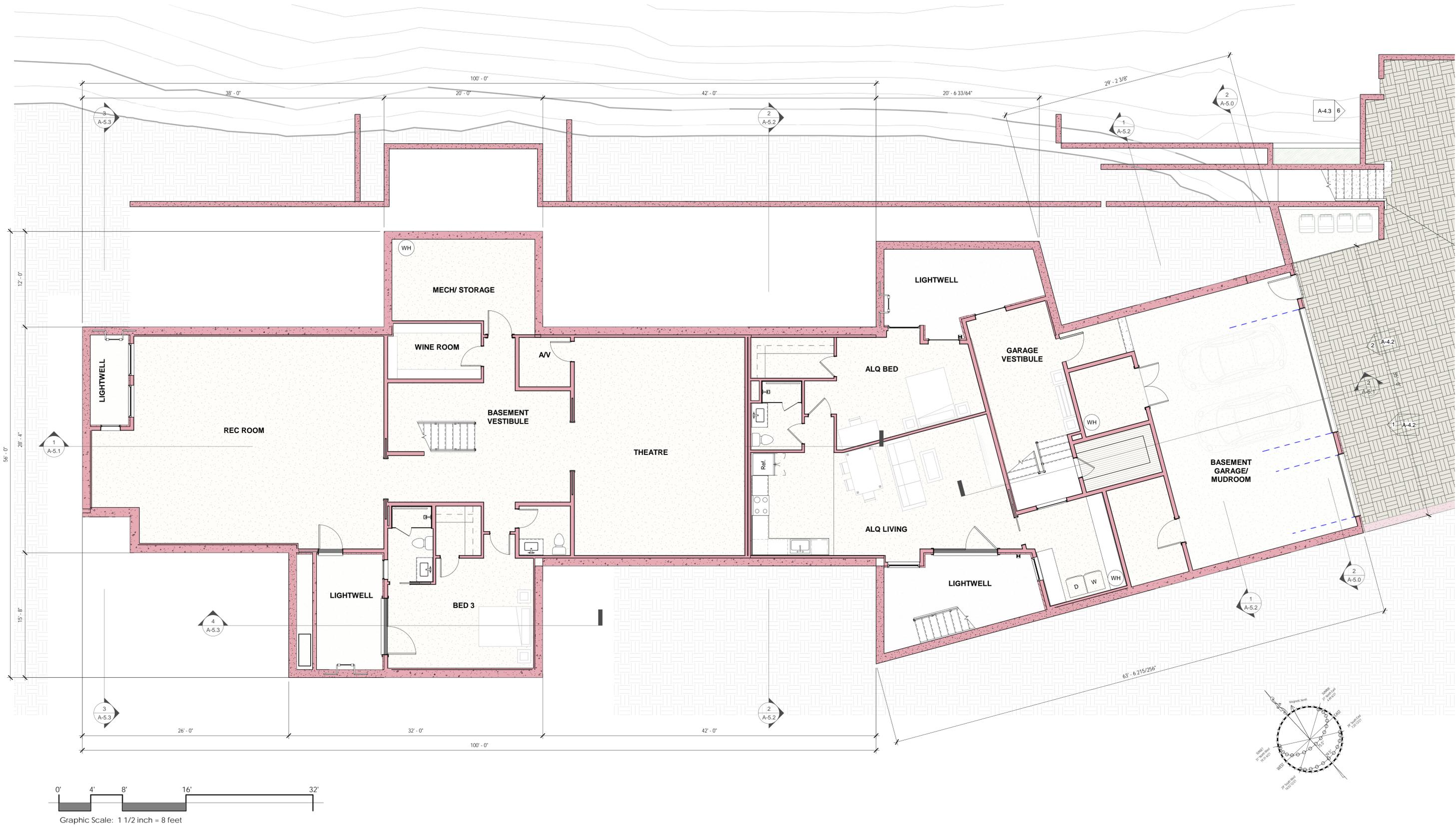
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SHEET TITLE  
SITE PLAN

SHEET NUMBER  
A-1.1

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1 BASEMENT PLAN  
3/16" = 1'-0"

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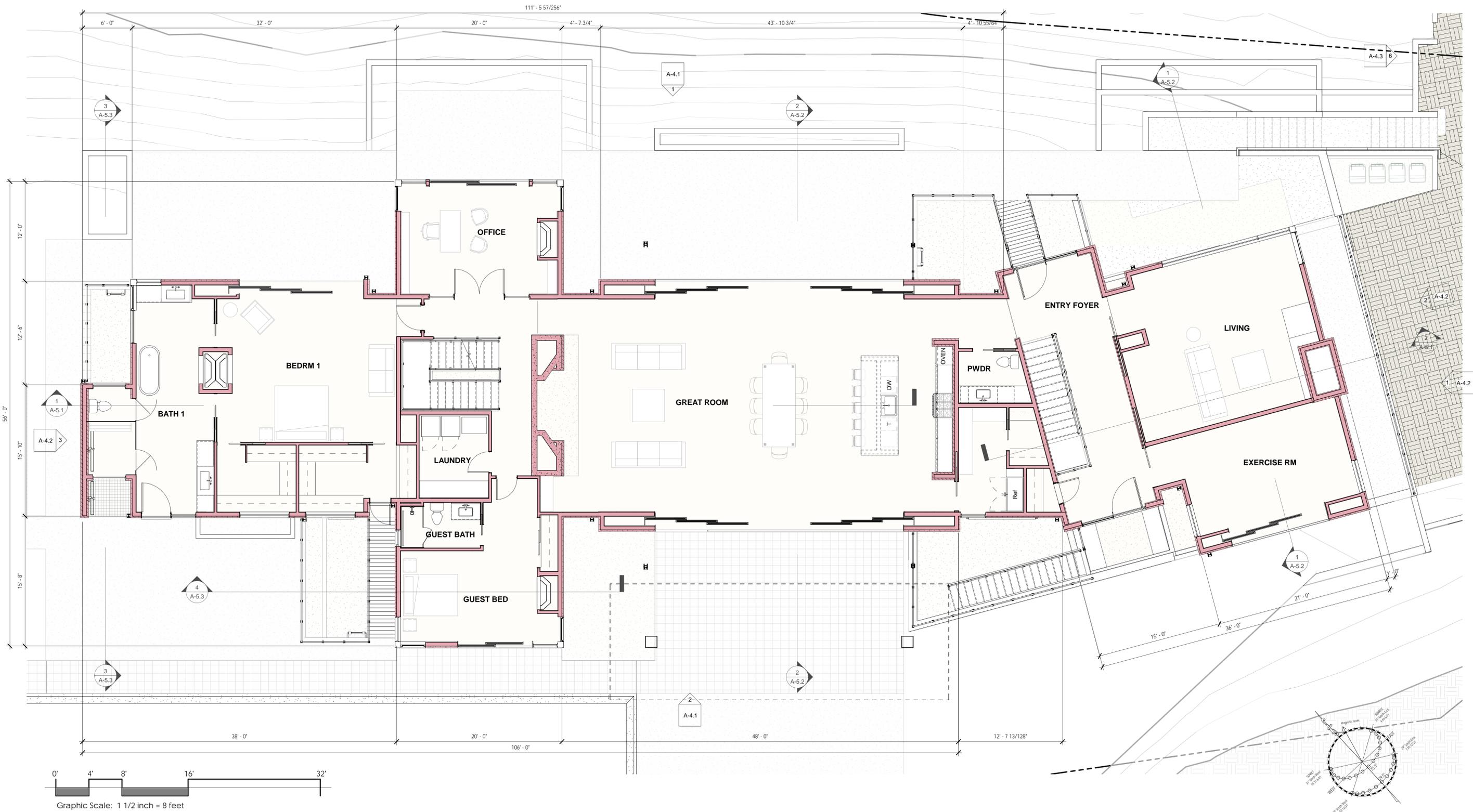
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SHEET TITLE  
BASEMENT PLAN

SHEET NUMBER  
A-3.0

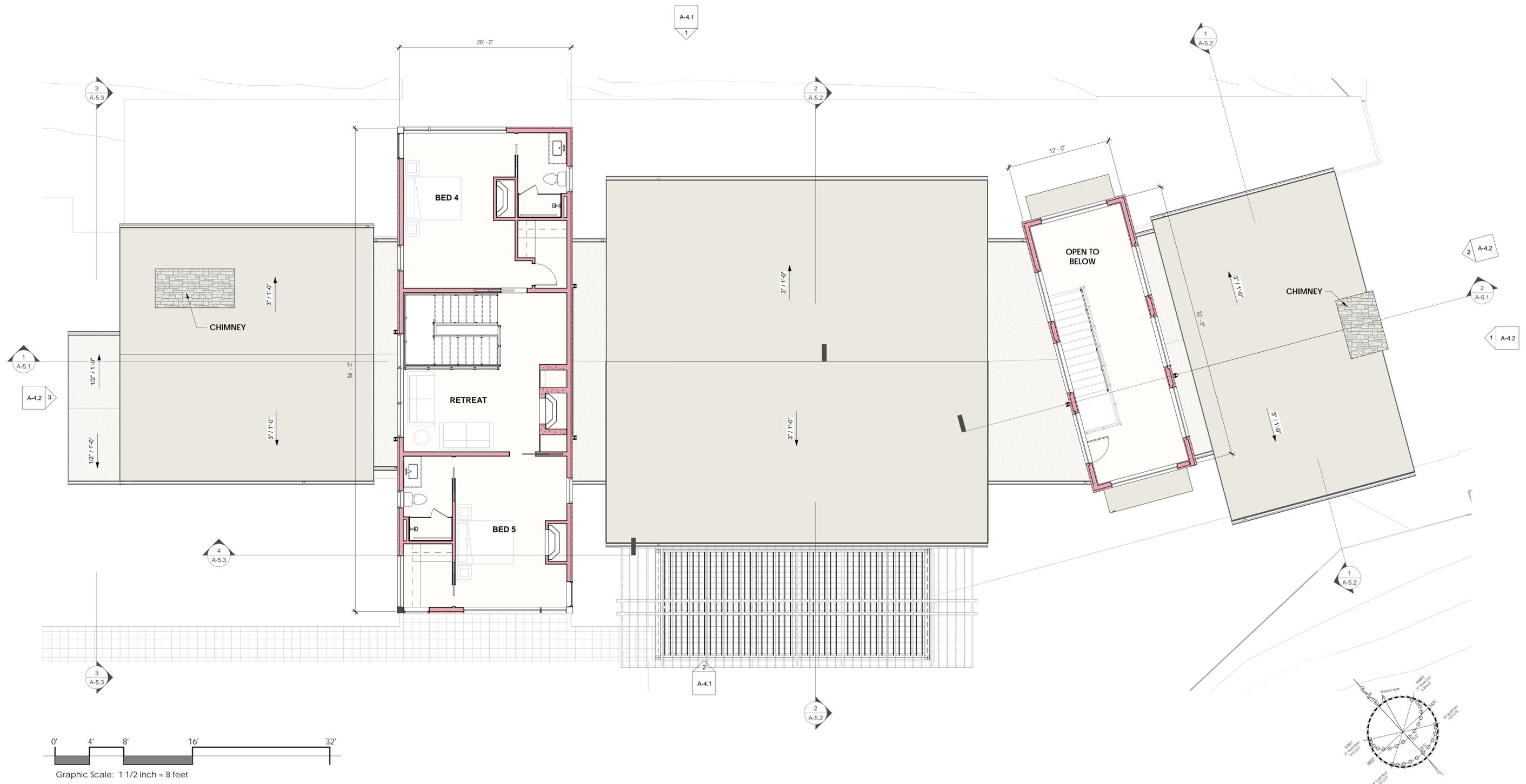
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1 FIRST FLOOR PLAN  
3/16" = 1'-0"

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1 2ND FLOOR PLAN  
3/16" = 1'-0"

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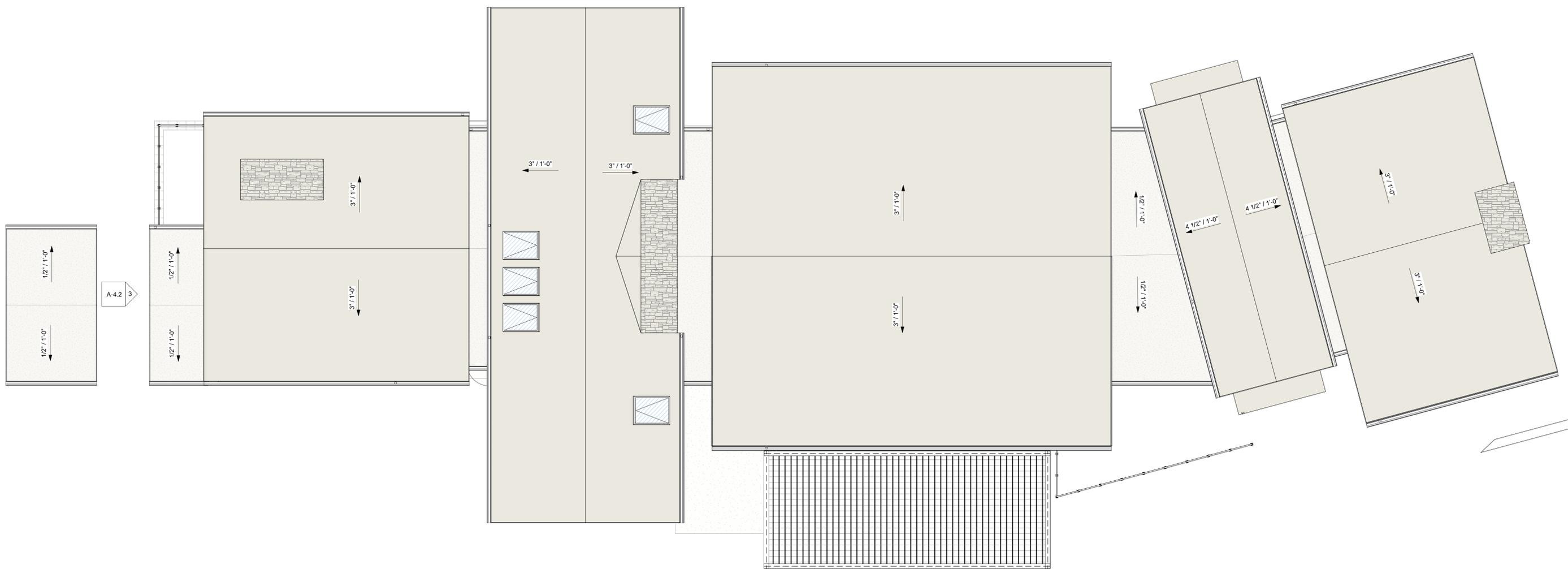
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SECOND FLOOR PLAN

SHEET NUMBER  
A-3.2

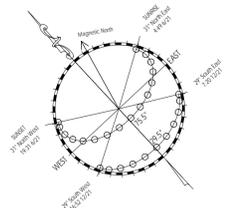
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A-4.1  
1



2  
A-4.1



1 ROOF PLAN  
3/16" = 1'-0"

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SHEET TITLE  
ROOF PLAN

SHEET NUMBER  
A-3.4

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① EAST ELEVATION  
3/16" = 1'-0"



② GARAGE FRONT ELEVATION  
3/16" = 1'-0"



③ WEST ELEVATION  
3/16" = 1'-0"

EXTERIOR COLOR/ MATERIAL SCHEDULE				
	MATERIALS / APPLICATION	CODE	COLOR	MANUFACTURER
ROOF CLASS FACIAS	METAL, STANDING SEAM	M1	STORM GREY	CUSTOM BILT, OR EQUAL
	TPO ROOF w/ STONE BALLAST	M2	SLATE GREY	GAF, OR EQUAL
	FASCIA	M3	DESERT SHADOW - KM4911	KELLY MOORE, OR EQUAL
WALL	COMPOSITE PANELS	M4	TIMBER OAK	NEOLITH OR EQ.
	COMPOSITE PANELS	M5	BASALT GREY	NEOLITH OR EQ.
	STONE VENEER	M6	GREY STONE	
MISC.	BOARD FORM CONCRETE	M7		
	WOOD	M8	NATURAL REDWOOD OR CEDER	
	GARAGE DOOR	M9	SHOU SUGI BAN - SHALLOW CHAR	PIONEER MILLWORKS, RE: A9.2
	FRENCH DOOR	M10	DARK BRONZE	..
	WINDOW FRAMES	M11	BREAK METAL BLACK	..
	DOOR/ WINDOW GLASS	M12	LoE 366	CARDINAL, OR EQUAL
	DOOR/ WINDOW GLASS	M13	ACID ETCHED, OBSCURE GLASS	CARDINAL, OR EQUAL
	DOOR/ WINDOW HARDWARE	M14	DARK BRONZE OR EQUAL	
	SKYLIGHT	M15		VELUX, OR EQUAL
	RAILING - GLASS	M16		
EXTERIOR METAL, FASCIAS, COLUMNS, TRELIS BEAMS, GALVANIZED METAL ROUND DOWNSPOUTS, ADDRESS NUMBER, CHIMNEY CAP, MECHANICAL SCREEN	M17	Option 1: Steel sand blasted; Factory spray applied bonding of 3/32" aluminum (aluminized treatment); factory powder coated paint; fasteners are stainless steel or welds). Option 2: Steel sand blasted; Factory spray applied bonding of 3/32" aluminum (aluminized treatment); factory powder coated paint with colored rust texture (Cardinal BR47, or equal) to achieve brown colored rust patina); fasteners are stainless steel or welds).	DESERT SHADOW - KM4911	LOS GATOS IRON WORKS, OR EQUAL KELLY MOORE, OR EQUAL

\* NOTES: EXACT COLORS TO BE VERIFIED w/ OWNER & ARCHITECT

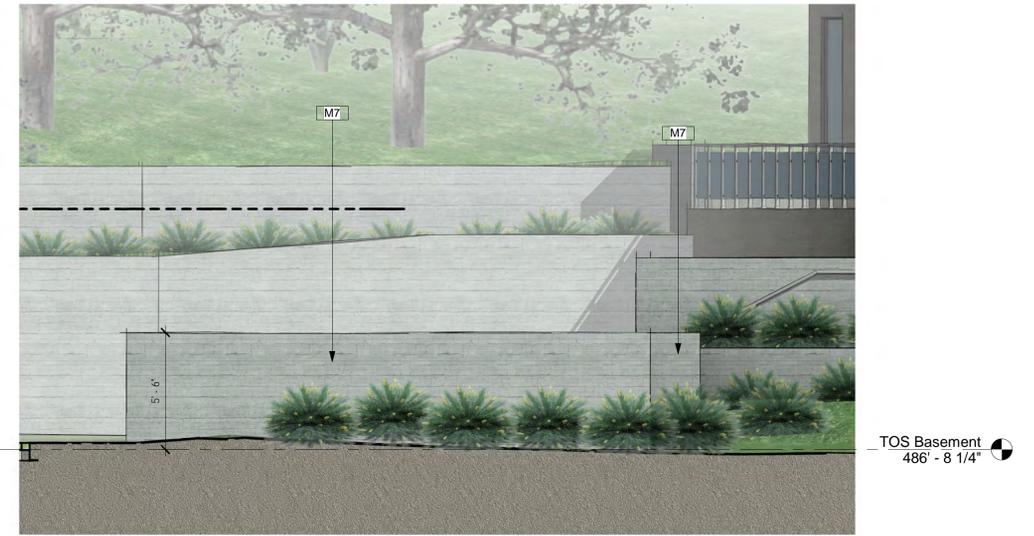
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EXTERIOR COLOR/ MATERIAL SCHEDULE				
	MATERIALS / APPLICATION	CODE	COLOR	MANUFACTURER
ROOF CLASSIFICATION	METAL STANDING SEAM	M1	STORM GREY	CUSTOM BILT, OR EQUAL
	TPO ROOF w/ STONE BALLAST	M2	SLATE GREY	GAF, OR EQUAL
	FASCIA	M3	DESERT SHADOW - KM4911	KELLY MOORE, OR EQUAL
WALL	COMPOSITE PANELS	M4	TIMBER OAK	NEOLITH OR EQ.
	COMPOSITE PANELS	M5	BASALT GREY	NEOLITH OR EQ.
	STONE VENEER	M6	GREY STONE	
MISC.	BOARD FORM CONCRETE	M7		
	WOOD	M8	NATURAL REDWOOD OR CEDER	
	GARAGE DOOR	M9	SHOU SUGI BAN - SHALLOW CHAR	PIONEER MILLWORKS, RE: A9.2
	FRENCH DOOR	M10	DARK BRONZE	..
	WINDOW FRAMES	M11	BREAK METAL BLACK	..
	DOOR/ WINDOW GLASS	M12	loE 366	CARDINAL, OR EQUAL
	DOOR/ WINDOW GLASS	M13	ACID ETCHED, OBSCURE GLASS	CARDINAL, OR EQUAL
	DOOR/ WINDOW HARDWARE	M14	DARK BRONZE OR EQUAL	
	SKYLIGHT	M15		VELUX, OR EQUAL
	RAILING - GLASS	M16		
EXTERIOR METAL, FASCIAS, COLUMNS, TRELIS BEAMS, GALVANIZED METAL ROUND DOWNSPOUTS, ADDRESS NUMBER, CHIMNEY CAP, MECHANICAL SCREEN		M17	Option 1: Steel sand blasted; Factory spray applied bonding of 3/32" aluminum (aluminized treatment); factory powder coated paint; fasteners are stainless steel or welds). Option 2: Steel sand blasted; Factory spray applied bonding of 3/32" aluminum (aluminized treatment); factory powder coated paint with colored rust texture (Cardinal BR17, or equal) to achieve brown colored rust patina); fasteners are stainless steel or welds). DESERT SHADOW - KM4911	LOS GATOS IRON WORKS, OR EQUAL  KELLY MOORE, OR EQUAL

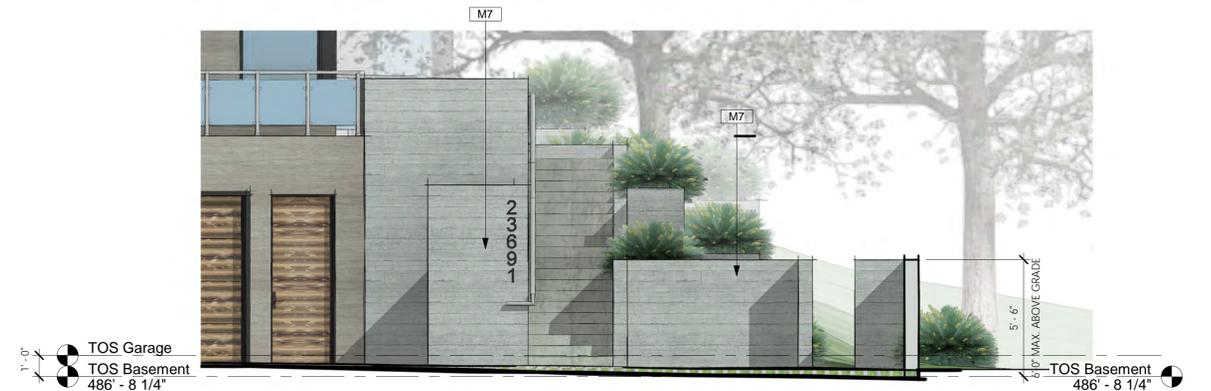
\* NOTES: EXACT COLORS TO BE VERIFIED w/ OWNER & ARCHITECT



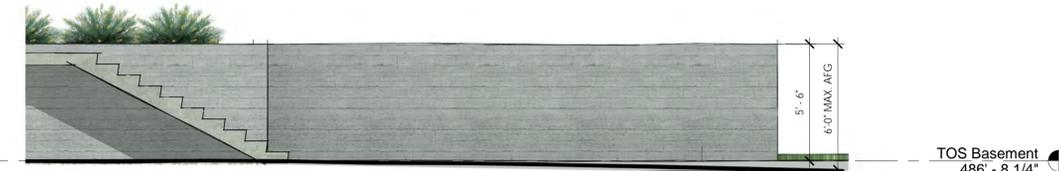
2 CARPORT - SECTION  
1/4" = 1'-0"



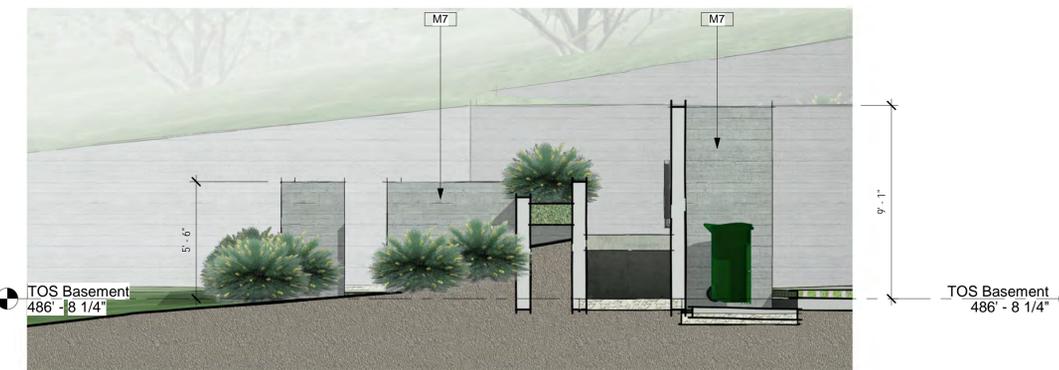
3 CARPORT - NORTH ELEVATION  
1/4" = 1'-0"



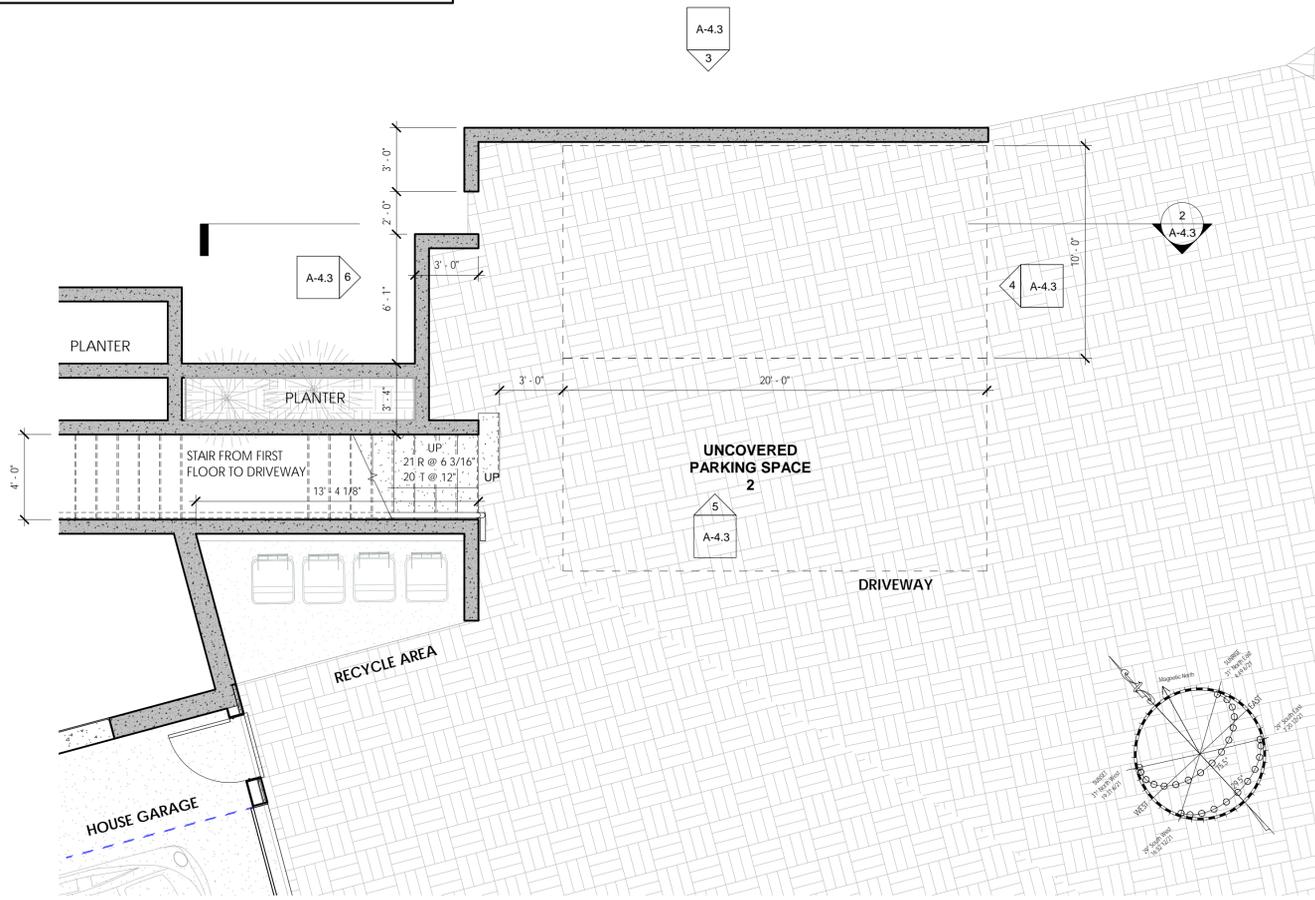
4 CARPORT - EAST ELEVATION  
1/4" = 1'-0"



5 CARPORT - SOUTH ELEVATION  
1/4" = 1'-0"

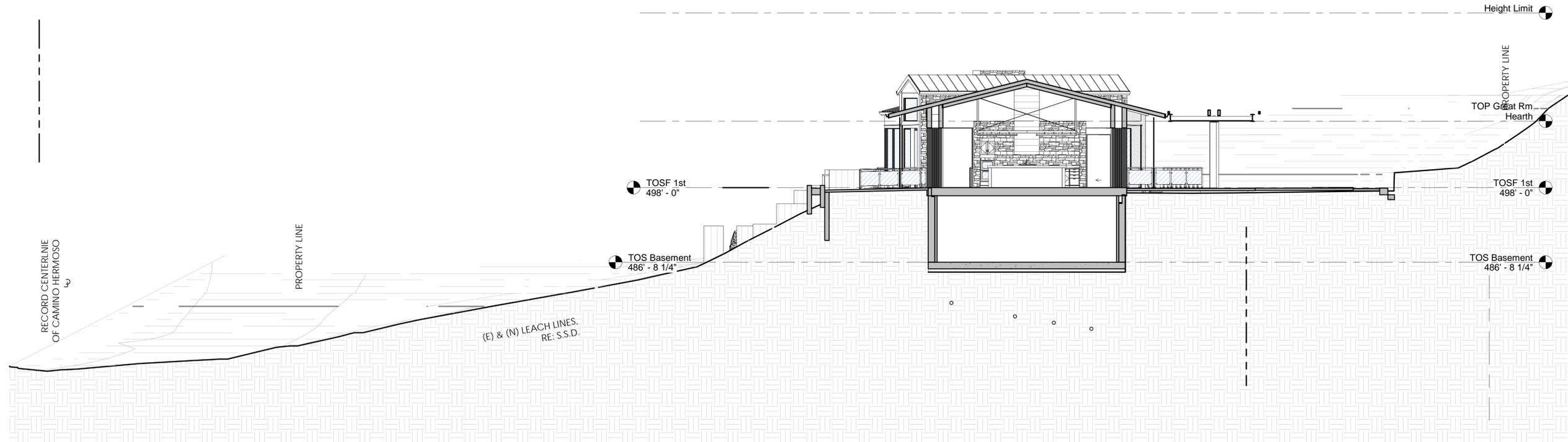


6 CARPORT - WEST ELEVATION  
1/4" = 1'-0"



1 CARPORT FLOOR PLAN  
1/4" = 1'-0"

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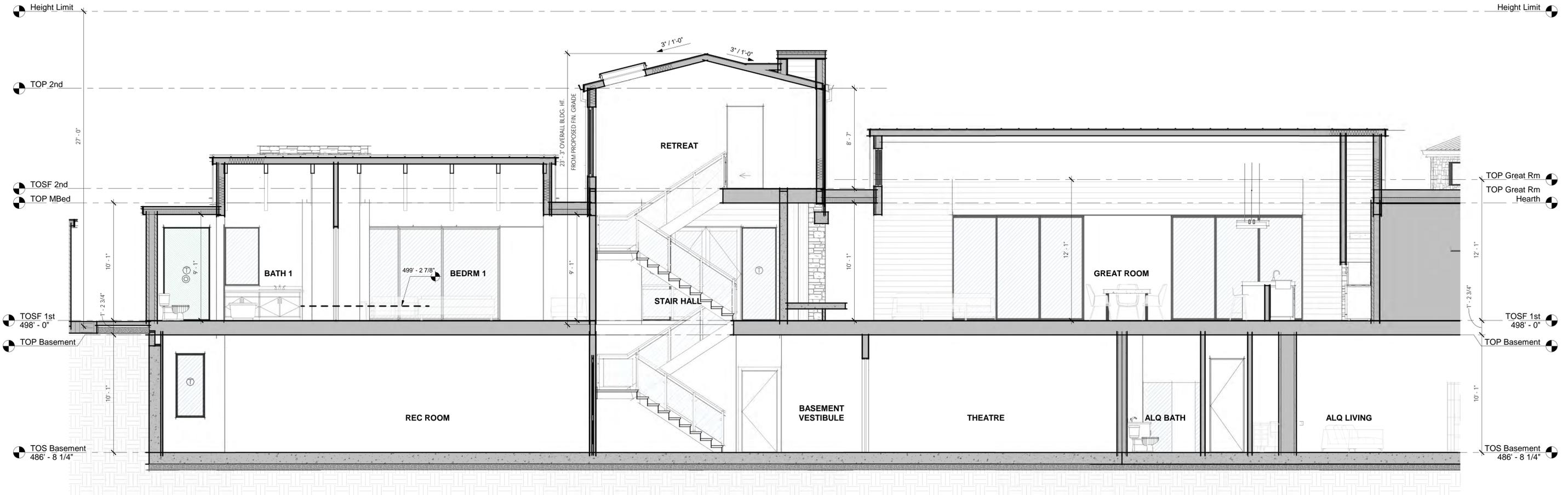


1 SITE SECTION 1  
1/8" = 1'-0"

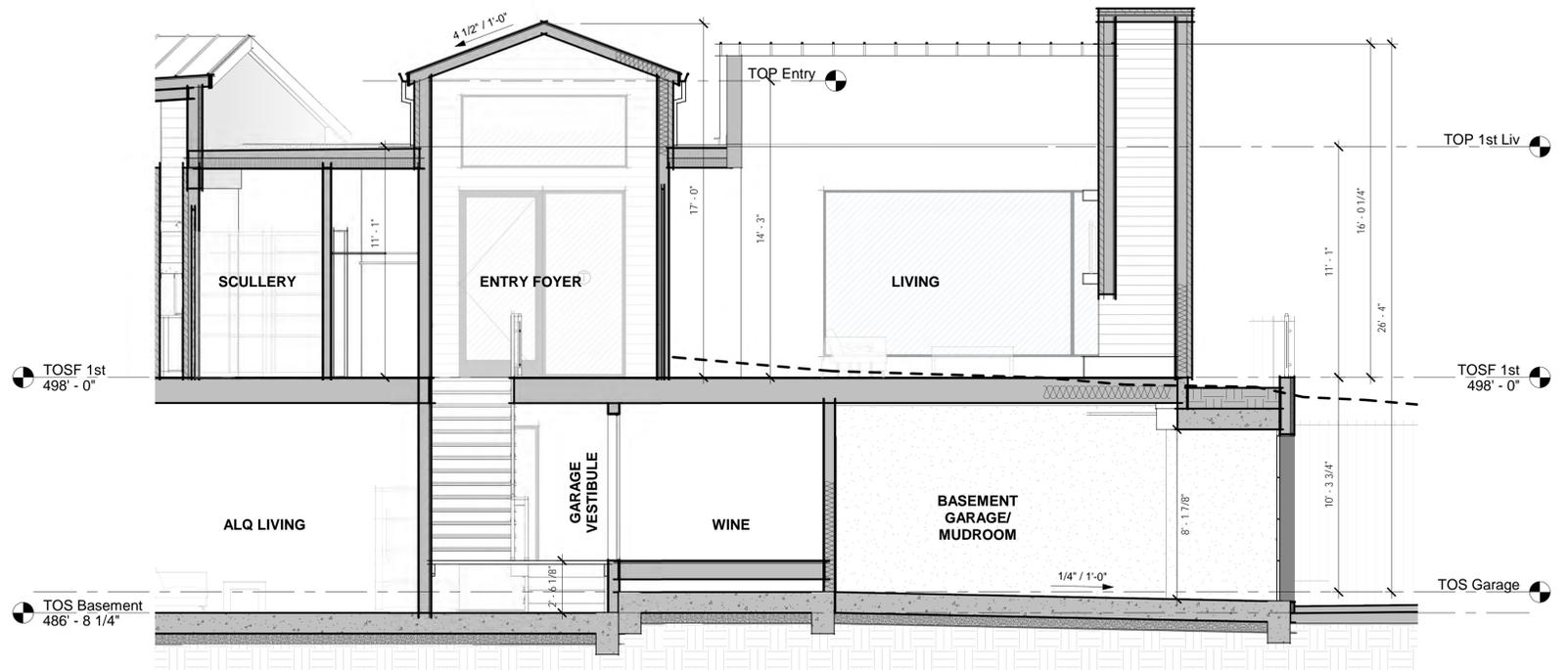


2 SITE SECTION 2  
1/8" = 1'-0"

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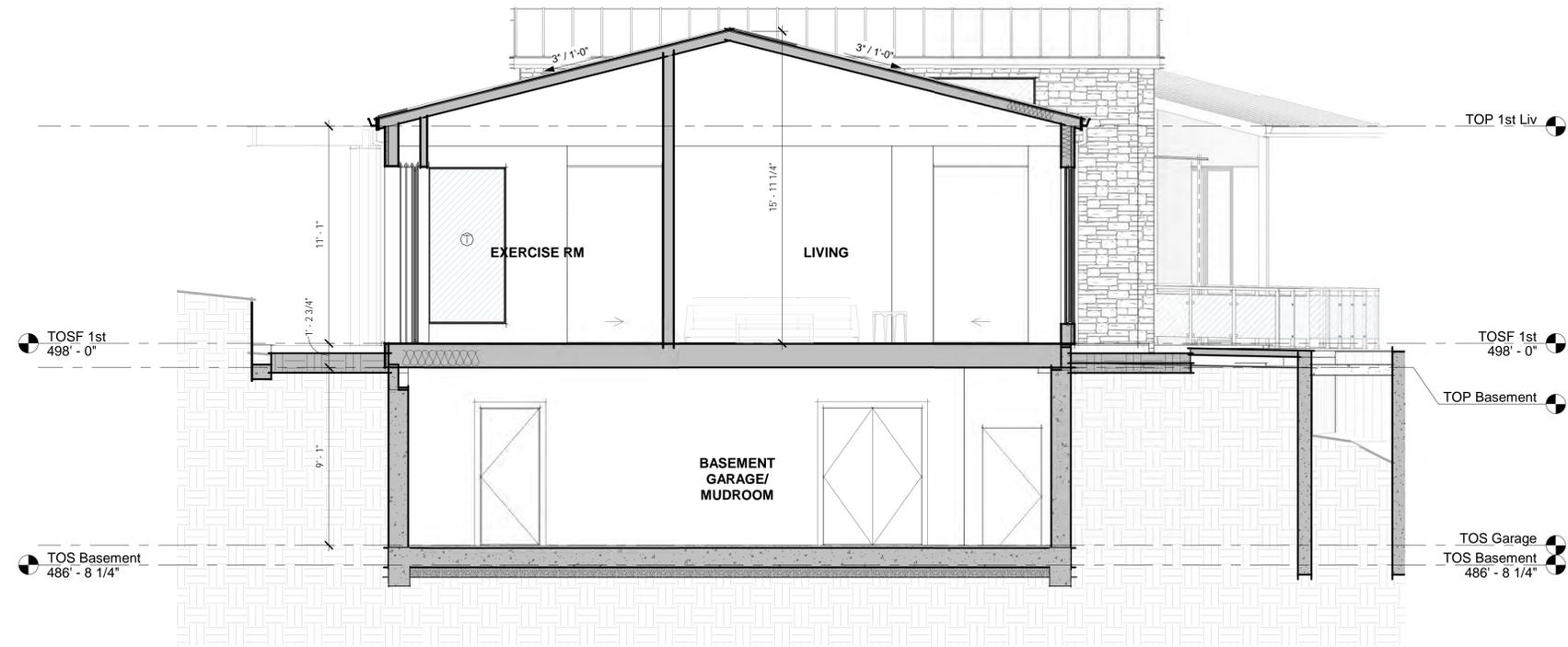


1 BUILDING SECTION 1a  
1/4" = 1'-0"

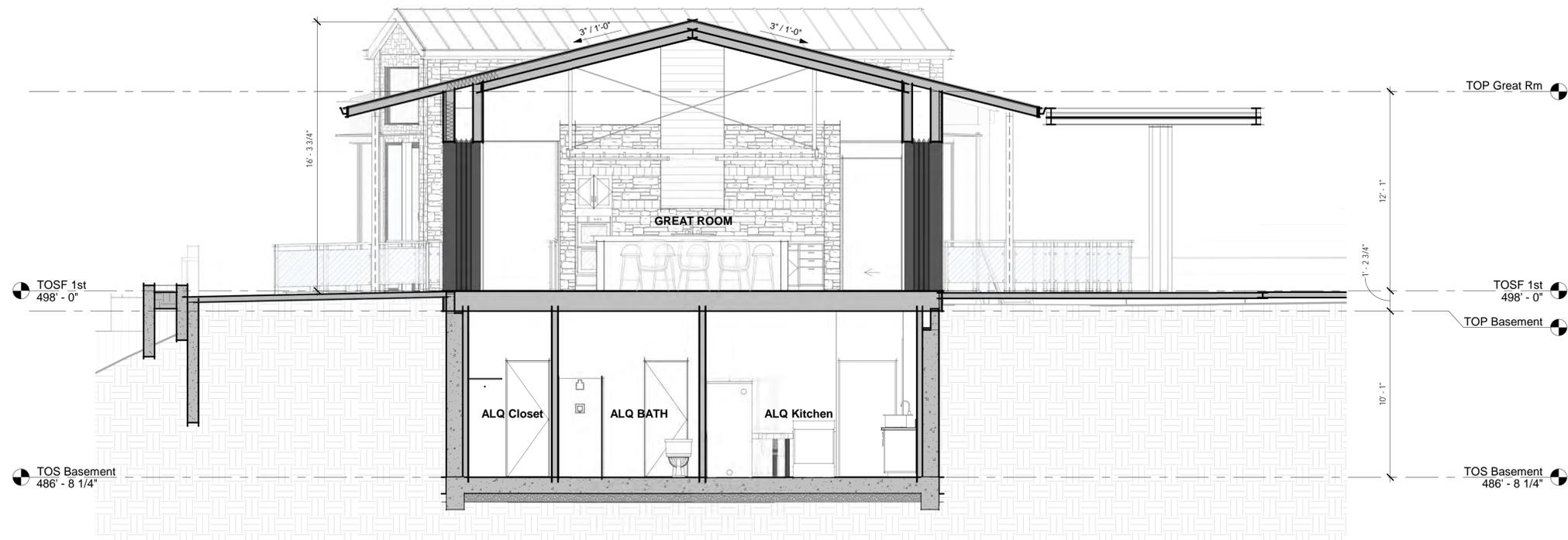


2 BUILDING SECTION 1c  
1/4" = 1'-0"

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① BUILDING SECTION 2  
1/4" = 1'-0"



② BUILDING SECTION 7  
1/4" = 1'-0"

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4 BUILDING SECTION 13  
1/4" = 1'-0"



3 BUILDING SECTION 12  
1/4" = 1'-0"

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11. BRIDGE OVER LIGHTWELL



9. CORNER WINDOW



6. TRELLIS



3. STANDING SEAM ROOF WITH SKYLIGHTS



10. BOARD FORMED CONCRETE RETAINING/ LANDSCAPE WALL



8. BIG BLACK FRAMED WINDOWS



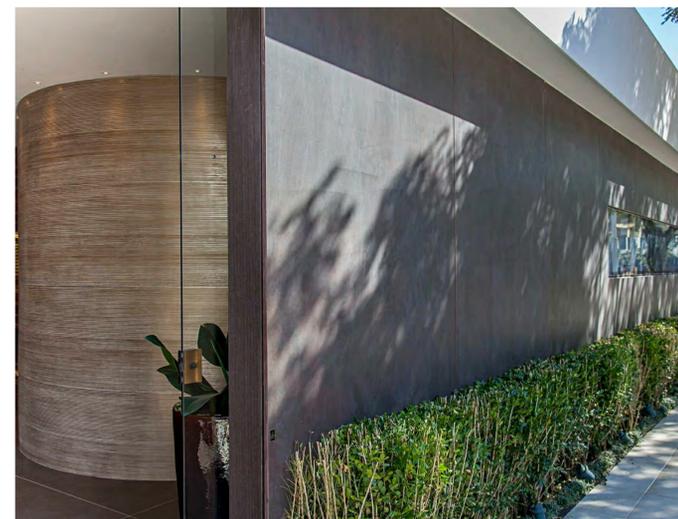
5. GLASS RAILING AND HANDRAILS



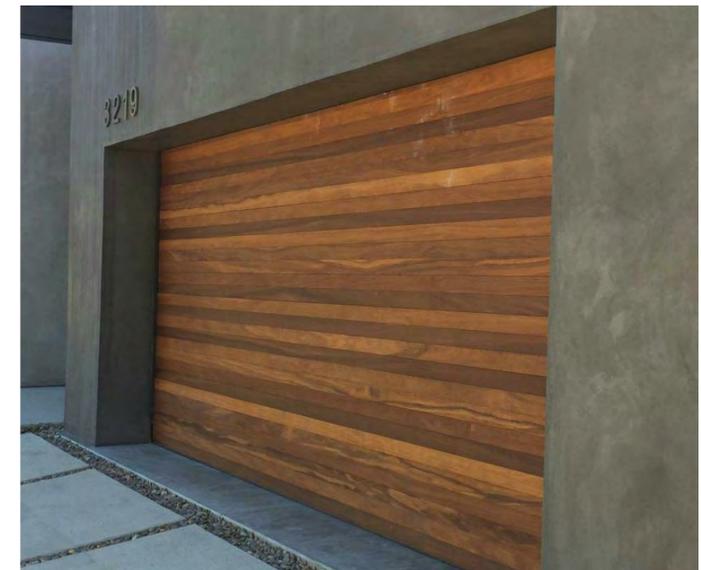
2. STONE VENEER CHIMNEY



7. INDOOR/OUTDOOR TERRACE



4. COMPOSITE PANEL SIDING



1. TEXTURED WOOD GARAGE DOOR

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DATE  
07/22/2020

23691 CAMINO HERMOSO DR.  
LOS ALTOS HILLS, CALIFORNIA 94024

SHEET TITLE  
COLORS AND MATERIALS

SHEET NUMBER  
A-6.1

ENVIRONMENTAL INNOVATIONS IN DESIGN  
412 OLIVE AVE. PALO ALTO, CA 94306  
PHONE: 650-226-8770 WWW.EIDARCHITECTS.COM



**GreenPoint RATED** NEW HOME RATING SYSTEM, VERSION 6.0  
SINGLE FAMILY CHECKLIST

The GreenPoint Rated checklist tracks green features incorporated into the home. GreenPoint Rated is administered by Build It Green, a non-profit whose mission is to promote healthy, energy and resource efficient buildings in California.

The minimum requirements of GreenPoint Rated are verification of 50 or more points. Earn the following minimum points per category: Community (2), Energy (25), Indoor Air Quality (Health III), Resources (6), and Water (6), and meet the prerequisite CALGreen Mandatory, H1.1, J1.1, O1.1, O7.

The criteria for the green building practices listed below are described in the GreenPoint Rated Single Family Rating Manual. For more information please visit [www.builditgreen.org/greenpoint-rated](http://www.builditgreen.org/greenpoint-rated).

A home is only GreenPoint Rated if all features are verified by a Certified GreenPoint Rater through Build It Green.

Single Family New Home Version 6.0.2

Points Achieved: **148**  
Certification Level: **Platinum**



MEASURES	Points Achieved	Community	Energy	Landscaping	Resources	Water
<b>CALGreen</b>	4	1	1	1	1	1
<b>A. SITE</b>						
AD Construction Footprint	1					
AD.1 Job Site Construction Waste Diversion	1					
AD.2 65% CDD Waste Diversion (Including Alternative Daily Cover)	2					
AD.3 65% CDD Waste Diversion (Excluding Alternative Daily Cover)	1					
AD.4 Recycling Rates from Third Party Verified Mixed Use Waste Facility	1					
AD.5 Recycled Content Base Material	1					
AD.6 Heat Island Effect Reduction (Non-Roof)	1					
AD.7 Stormwater Control: Prescriptive Path	1					
AD.8 Stormwater Control: Performance Path	1					
AD.9 Stormwater Control: Performance Path	1					
AD.10 Stormwater Control: Performance Path	1					
AD.11 1" Ash and/or Slag in Concrete	2					
AD.12 Radon Resistant Construction	2					
AD.13 Foundation Strategic System	1					
AD.14 Moldable Controlled Cracks/Seals	1					
AD.15 Structural Fast Controls	1					
AD.16 SS.1 Tensile Shields and Separated Exterior Wood-to-Concrete Connections	1					
AD.17 SS.2 Plant Ties, Bases, or Stems at Least 36 Inches from the Foundation	1					
<b>B. FOUNDATION</b>						
B.1.1 1" Ash and/or Slag in Concrete	2					
B.1.2 Radon Resistant Construction	2					
B.1.3 Foundation Strategic System	1					
B.1.4 Moldable Controlled Cracks/Seals	1					
B.1.5 Structural Fast Controls	1					
B.1.6 SS.1 Tensile Shields and Separated Exterior Wood-to-Concrete Connections	1					
B.1.7 SS.2 Plant Ties, Bases, or Stems at Least 36 Inches from the Foundation	1					
<b>C. LANDSCAPE</b>						
C.1.1 Plants Grouped by Water Needs (Hydrozoning)	1					
C.1.2 Three Inches of Mulch in Planting Beds	1					
C.1.3 No Invasive Species Listed by CALFIPC	1					
C.1.4 Plants Chosen and Located to Grow to Natural Size	1					
C.1.5 Drought Tolerant, California Native, Mediterranean Species, or Other Appropriate Species	2					
C.2 Minimal Turf in Landscape	0					
C.3.1 Use of Shade Tolerant (50% and No Overhead Sprinklers Installed in Active Lawns) Turf	2					
C.3.2 Turf in Small Percentage of Landscaped Area	2					
C.3.3 Turf in Moderate Building Temperature	1					
C.3.4 High Efficiency Irrigation System	2					
C.3.5 One Inch of Compost in the Top Six to Twelve Inches of Soil	1					
C.3.6 Rainwater for Irrigation System	2					
C.3.7 Recycled Wastewater Irrigation System	2					
C.3.8 Rainwater or Recycled Water for Landscape Irrigation	2					
C.3.9 Rainwater or Recycled Water for Landscape Irrigation	2					
C.3.10 Rainwater or Recycled Water for Landscape Irrigation	2					
C.3.11 Landscape Meets Water Budget	2					
C.3.12 Environmentally Preferable Materials for Site	1					
C.3.13 Environmentally Preferable Materials for 70% of Non-Plant Landscape	1					
C.3.14 Reduced Light Pollution	1					
C.3.15 Large Native Trees	1					
C.3.16 Third Party Landscape Program Certification	0					
C.3.17 Maintenance Contract with Certified Professional	1					
<b>D. STRUCTURAL FRAME AND BUILDING ENVELOPE</b>						
D.1.1 Quality Craft Engineering	3					
D.1.2 Joints, Rafters, and Studs at 24 Inches on Center	1					
D.1.3 Advanced Framing Measures	2					
D.1.4 Construction Material Efficiency	1					
D.2.1 Engineered Lumber	1					
D.2.2 Engineered Joists and Trusses	1					
D.2.3 Wood Joists or Web Trusses for Floors	1					
D.2.4 Engineered Lumber for Roof Rafters	1					
D.2.5 Engineered or Finger-Jointed Studs for Vertical Applications	0.5					
D.2.6 OSB for Subfloor	0.5					
D.2.7 OSB for Wall and Roof Sheathing	0.5					
D.2.8 Insulated Headers	1					

MEASURES	Points Achieved	Community	Energy	Landscaping	Resources	Water
<b>RENEWABLE ENERGY</b>						
RE.1 Pre-Planning for Solar Water Heating	0					
RE.2 Preparation for Future Photovoltaic Installation	0					
RE.3 On-site Renewable Generation (Solar PV, Solar Thermal, and Wind)	0					
RE.4 Net Zero Energy Home	0					
RE.5 Title 24 Energy Score	12					
RE.6 Net Zero Energy Home	2					
RE.7 Net Zero Energy Home	4					
<b>HEATING, VENTILATION, AND AIR CONDITIONING</b>						
H.1.1 Sealed Combustion Furnace	1					
H.1.2 Sealed Combustion Water Heater	2					
H.1.3 High Performing Zoned Hydronic Radiant Heating System	1					
H.1.4 Effective Ductwork	1					
H.1.5 Dust Mats on Dust Joints and Seams	1					
H.1.6 Pressure Balance the Outdoor System	1					
H.1.7 ENERGY STAR Bathrooms Fans Per HVV Standards with Air Flow Verified	1					
H.1.8 Advanced Practices for Coolers	1					
H.1.9 ENERGY STAR Ceiling Fans in Living Areas and Bedrooms	1					
H.1.10 Whole House Mechanical Ventilation Practices to Improve Indoor Air Quality	1					
H.1.11 Meet ASHRAE 62.2-2015 Ventilation Residential Standards	1					
H.1.12 Advanced Ventilation Strategies	1					
H.1.13 Outdoor Air Ducted to Bedroom and Living Areas	2					
H.1.14 Effective Range Hood Ducting and Installation	1					
H.1.15 Effective Range Hood Ducting and Design	1					
H.1.16 Effective Range Hood Control	1					
H.1.17 No Fireplace or Sealed Gas Fireplace	1					
H.1.18 Heatpump Control Systems	1					
H.1.19 Register Design Per ACCA Manual T	1					
H.1.20 High Efficiency Water (HEWV) Fan	1					
<b>PLUMBING</b>						
P.1.1 Efficient Distribution of Domestic Hot Water	1					
P.1.2 Insulated Hot Water Pipes	1					
P.1.3 Minimum Service Line for Hot Water Distribution	1					
P.1.4 Increased Efficiency in Hot Water Distribution	2					
P.1.5 Insulated Water Efficient Fixtures	2					
P.1.6 WaterSense Showers/Bathtubs with Matching Compensating Valve	2					
P.1.7 WaterSense Bathroom Fixtures	1					
P.1.8 WaterSense Toilets with a Maximum Performance (MPF) Threshold of 1.6	1					
P.1.9 Pre-Planning for Graywater System	0					
P.1.10 Operational Graywater System	0					
<b>EXTERIOR</b>						
E.1.1 Environmental Preferable Decking	1					
E.1.2 Flashing Installation Third Party Verified	1					
E.1.3 Rain Screen Wall System	2					
E.1.4 Durable and Non-Combustible Cladding Materials	2					
E.1.5 Durable Roofing Materials	1					
E.1.6 Durable and Fire Resistant Roofing Materials or Assembly	1					
E.1.7 Vegetated Roof	0					
<b>INTERIOR</b>						
I.1.1 Insulation with 30% Post-Consumer or 60% Post-Industrial Recycled Content	1					
I.1.2 R-Value and Thickness	1					
I.1.3 Insulation that Meets the CDPH Standard Method - Residential for Low Emission	1					
I.1.4 Insulation that Meets the CDPH Standard Method - Residential for Low Emission	1					
I.1.5 Insulation that Meets the CDPH Standard Method - Residential for Low Emission	1					
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