NPDES NOTES

PROJECT

ADDRESS:

053-060-62 PARCEL NUMBER:

CODES: CALIF. ADMINISTRATIVE CODE 2016 / CALIF. BUILDING CODE 2016 / CALIF. RESIDENTIAL CODE 2016 / CALIF. ELECTRICAL CODE 2016 / CALIF. MECHANICAL CODE 2016 / CALIF. PLUMBING CODE 2016 / CALIF. ENERGY CODE 2016 / CALIF. FIRE CODE 2016 / CALIF. GREEN CODE 2016 / CALIF. REFERENCED STANDARDS CODE 2016 / LOCAL MUNICIPAL CODE / ASSOCIATION GUIDELINES AND CC&R'S

CONSTRUCTION: TYPE V-B SPRINKLERED

PROJECT DESCRIPTION:

OCCUPANCY: R-3/U

NEW 2 STORY SINGLE FAMILY RESIDENCE W/ BASEMENT - RETAINING WALLS, SITE STAIRS, ELEVATED DECKS, AND SOLAR PANELS

VICINITY MAP



CONTACTS

OWNER: BILL AND PAULA STEELE 2285 LORRAINE ROAD, MARINO CA. 91108 626-458-2310 BILL3@TOWERMGMT.COM

DESIGNER: GEOFF SUMICH DESIGN

31511 CAMINO CAPISTRANO, SUITE A, SAN JUAN CAPISTRANO, CA 92675 949-280-6514 GEOFF@GEOFFSUMICHDESIGN.COM

CIVIL ENGINEER: TOAL ENGINEERING INC. 139 AVENIDA NAVARRO, SAN CLEMENTE, CA 92672 PHONE: 949-492-8586

NERIKSSON@EPTDESIGN.COM

CRIOS@TOALENGINEERING.COM

LANDSCAPE **EPT DESIGN** ARCHITECT: 844 E. GREEN ST. SUITE 201 PASADENA, CA 91101 PHONE: 626-795-2008

SOILS ENGINEER: GEOFIRM 801 GLENNEYRE STREET, LAGUNA BEACH, CA 92651

949-494-2122 EMAIL@GEOFIRM.COM

INTERIOR **ERROL DEJAGER DESIGNER:** 250 NEWPORT CENTER DR. #200 NEWPORT BEACH, CA 92660 PHONE: 949-673-7700

ERROL@DEJAGERDESIGNINC.COM

COASTLINE ENGINEERING, INC.

ENGINEER: 191 CALLE MAGDALENA, ENCINITAS, CA 92024 PHONE: 858-414-6167 MIKE@COASTLINEENGINC.COM

MEP ENGINEER: ABSOLUTE CONSULTING ENGINEERS 3839 BIRCH ST., NEWPORT BEACH, CA 92660 949-852-8700

SNOUR@ABSOLUTECO.COM

GENERAL DAVID GABAY GENERAL BUILDING CONTRACTOR INC. CONTRACTOR:

31726 RANCHO VIEJO RD. SUITE 108 SAN JUAN CAPISTRANO, CA 92675 949-370-0478 DAVID@DAVIDGABAY.COM

FIRE SPRINKLER CONTRACTOR:

STRUCTURAL

MAIN FLOOR ELECTRICAL PLAN E2.1 E2.2 2ND FLOOR ELECTRICAL PLAN E2.3 ROOF FLOOR ELECTRICAL PLAN

PLUMBING GENERAL NOTES, LEGEND, PLUMBING FIXTURES SCHEDULES P1.0 P2.0 GARAGE FLOOR WASTE/VENT PLAN

P2.1 MAIN FLOOR WASTE/VENT PLAN

P2.2 2ND FLOOR WASTE/VENT PLAN P2.3 ROOF PLUMBING PLAN

P3.0 GARAGE FLOOR COLD/HOT WATER GAS PLAN MAIN FLOOR COLD/HOT WATER GAS PLAN P3.1

P3.2 2ND FLOOR COLD/HOT WATER GAS PLAN P4.0 DETAILS

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C-3 SECTIONS AND DETAILS **EROSION CONTROL PLAN** C-4 TOPOGRAPHIC & BOUNDRY SURVEY

1960 TOPOGRAPHIC SURVEY LANDSCAPE SHEETS

L1.00

LANDSCAPE TITLE SHEET HARDSCAPE AND IRRIGATION PLANS

L1.02 PLANTING AND 12V LIGHTING PLANS

HARDSCAPE DETAILS L1.10

LANDSCAPE DETAILS AND NOTES

BUILDING AND SITE DATA

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SUBMITTALS

DEFERRED SUBMITTALS

CERTIFIED PRIOR TO SUBMITTAL FOR PLAN CHECK OR APPROVAL BY HOA

2. USE PERMIT REQUIRED FOR FRONT WATER FEATURE WALL (STAND ALONE WALL NOT PART OF STAIRS >3.5'

3. VARIANCE REQUEST AND APPROVAL NEEDED FOR FRONT AREA ENCROACHMENTS, REAR YARD, AS WELL AS MINIMUM SETBACK FOR MAIN STRUCTURE AND GARAGE DOOR.

CONDITIONS FOR APPROVAL

1. SAN JOAQUIN HILLS TRANSPORTATION FEE.

IN THE CASE OF EMERGENCY, CALL _ $_$ at work phone # $_$ PHONE # __

SEDIMENT FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING STRUCTURAL CONTROLS TO THE MAXIMUM EXTENT PRACTICABLE. STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO MINIMIZE SEDIMENT TRANSPORT FROM THE SITE TO STREETS,

DRAINAGE FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TACKING, OR WIND. APPROPRIATE BMP'S FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILLS SHALL BE IMPLEMENTED TO MINIMIZE

TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTIES BY WIND OR RUNOFF. RUNOFF FROM EQUIPMENT AND VEHICLE WASHING SHALL BE CONTAINED AT CONSTRUCTION SITES UNLESS TREATED TO REDUCE OR REMOVE SEDIMENT AND OTHER POLLUTANTS.

ALL CONSTRUCTION CONTRACTOR AND SUBCONTRACTOR PERSONNEL ARE TO BE MADE AWARE OR THE REQUIRED BEST MANAGEMENT PRACTICES AND GOOD HOUSEKEEPING MEASURES FOR THE PROJECT SITE AND ANY ASSOCIATED CONSTRUCTION STAGING AREAS.

AT THE END OF EACH DAY OF CONSTRUCTION ACTIVITY ALL CONSTRUCTION DEBRIS AND WASTE MATERIALS SHALL BE COLLECTED AND PROPERLY DISPOSED IN TRASH OR RECYCLE BINS.

CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT AN ANTICIPATED STORM DOES NOT CARRY

WASTES OR POLLUTANTS OFF THE SITE. DISCHARGES OF MATERIAL OTHER THAN STORMWATER ONLY WHEN NECESSARY FOR PERFORMANCE AND COMPLETION OF CONSTRUCTION PRACTICES AND WHERE THEY DO NOT: CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY WATER QUALITY STANDARD; CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; OR CONTAIN A HAZARDOUS SUBSTANCE IN A QUANTITY REPORTABLE UNDER FEDERAL REGULATIONS 40 CFR PARTS 117 AND 302.

POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS; WASTES FROM PAINTS, STAINS, SEALANTS, GLUES, LIMES, PESTICIDES, HERBICIDES, WOOD PRESERVATIVES AND SOLVENTS; ASBESTOS FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; FERTILIZERS, VEHICLE/EQUIPMENT WASH WATER AND CONCRETE WASH WATER; CONCRETE, DETERGENT OR FLOATABLE WASTES; WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING AND SUPER CHLORINATED POTABLE WATER LINE FLUSHING. DURING CONSTRUCTION, PERMITTEE SHALL DISPOSE OF SUCH materials in a specified and controlled temporary area on-site, physically separated from potential STORMWATER RUNOFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS.

10. DEWATERING OF CONTAMINATED GROUNDWATER, OR DISCHARGING CONTAMINATED SOILS VIA SURFACE EROSION IS PROHIBITED. DEWATERING OF NON- CONTAMINATED GROUNDWATER REQUIRES A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT FROM THE RESPECTIVE STATE REGIONAL WATER QUALITY CONTROL BOARD.

11. GRADED AREAS ON THE PERMITTED AREA PERIMETER MUST DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE IS TO BE DIRECTED TOWARD DESILTING FACILITIES.

12. THE PERMITTEE AND CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATER CREATES A HAZARDOUS CONDITION. 13. THE PERMITTEE AND CONTRACTOR SHALL INSPECT THE EROSION CONTROL WORK AND INSURE THAT THE WORK IS IN

ACCORDANCE WITH THE APPROVED PLANS. 14. THE PERMITTEE SHALL NOTIFY ALL GENERAL CONTRACTORS, SUBCONTRACTORS, MATERIAL SUPPLIERS, LESSEES, AND

PROPERTY OWNERS: THAT DUMPING OF CHEMICALS INTO THE STORM DRAIN SYSTEM OR THE WATERSHED IS 15. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY

SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT. 16. ALL REMOVABLE EROSION PROTECTIVE DEVICES SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE

5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40%. 17. SEDIMENTS FROM AREAS DISTURBED BY CONSTRUCTION SHALL BE RETAINED ON SITE USING AN EFFECTIVE COMBINATION OF EROSION AND SEDIMENT CONTROLS TO THE MAXIMUM EXTENT PRACTICABLE, AND STOCKPILES OF SOIL SHALL BE PROPERLY CONTAINED TO MINIMIZE SEDIMENT TRANSPORT FROM THE SITE TO STREETS, DRAINAGE

18. APPROPRIATE BMPS FOR CONSTRUCTION-RELATED MATERIALS, WASTES, SPILLS OR RESIDUES SHALL BE IMPLEMENTED AND RETAINED ON SITE TO MINIMIZE TRANSPORT FROM THE SITE TO STREETS, DRAINAGE FACILITIES, OR ADJOINING PROPERTY BY WIND OR RUNOFF.

PROJECT NOTES

CALIFORNIA TITLE 24 REQUIREMENTS HAVE BEEN TAKEN INTO CONSIDERATION. REFER TO TITLE 24 ENERGY ANALYSIS CALCULATIONS FOR MORE INFORMATION.

2. UNDERGROUND ALL UTILITIES TO THE NEAREST UTILITY POLE OR OTHER SERVICE CONNECTION. 3. THE FOLLOWING ITEMS REQUIRE A SEPARATE REVIEW AND PERMIT AS THEY APPLY TO THIS PROJECT:

SITE WALLS, PLANTERS, FENCES/GATES, HARDSCAPE.

FACILITIES OR ADJACENT PROPERTIES VIA RUNOFF, VEHICLE TRACKING, OR WIND.

A/C CONDENSERS, AND MECHANICAL EQUIPMENT.

GRADING & RETAINING WALLS. WORK W/I PUBLIC RIGHT OF WAY

POOLS, SPAS & FOUNTAINS. (vi) FIRE SPRINKLER SYSTEMS.

4. THERE SHALL BE NO TRENCHES OR EXCAVATIONS 5' OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND, OR OBTAIN FROM CAL/OSHA (714-558-4451). THIS PERMIT AND ANY OTHER SAFETY PERMIT SHALL BE OBTAINED PRIOR TO BEGINNING ANY WORK.

5. THE CONSTRUCTION DOCUMENTS ARE PREPARED BASED ON CERTAIN HEIGHT LIMITS, SETBACKS, AREA CALCULATIONS AND OTHER DESIGN CRITERIA UNIQUE TO THIS PROJECT. NO CHANGES SHALL BE MADE TO THE PROJECT WITHOUT CONSULTING THE ARCHITECT AND OBTAINING APPROVALS BY THE GOVERNING AGENCIES PRIOR TO CONSTRUCTING THE CHANGES.

6. ALL NEW PERIMETER FOUNDATION LOCATIONS, FINISH FLOOR & FINISH ROOF HEIGHTS SHALL BE SET & CERTIFIED BY THE LAND SURVEYOR OF RECORD. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NEW CONSTRUCTION THAT IS NOT BUILT IN ACCORDANCE WITH CITY APPROVED DESIGN DRAWINGS AND CONSTRUCTION DOCUMENTS.

7. PROVIDE SHOP DRAWINGS FOR THE ARCHITECT'S REVIEW FOR THE FOLLOWING ITEMS:

STRUCTURAL STEEL.

CABINETRY, DECORATIVE WOOD WORK, FINISH TRIMS, TILE LAYOUTS.

DECORATIVE METAL WORK.

8. THE GENERAL CONTRACTOR SHALL ANALYZE ALL SECTIONS OF THE WORK, RESOLVE ANY QUESTIONS HE/SHE MAY HAVE WITH THE ARCHITECT REGARDING THE MEANING & INTENT OF THE CONSTRUCTION DOCUMENTS AND APPORTION THE WORK AMONG THE VARIOUS TRADES AS HE/SHE DEEMS MOST SUITABLE.

9. THE GENERAL CONTRACTOR SHALL RIGIDLY ENFORCE A PROGRESSIVE CLEAN-UP PROGRAM. THE SITE AND BUILDING SHALL BE KEPT CLEAN AND FREE OF ANY HAZARDOUS ENCUMBRANCES AT ALL TIMES DURING WORK. ALL DEBRIS SHALL BE REMOVED FROM THE JOB SITE WEEKLY. TAKE CARE IN PROTECTING WORK, ADJACENT SURFACES AND AREAS NOT BEING REMODELED. THE GENERAL CONTRACTOR SHALL REPAIR OR REPLACE

DAMAGED ITEMS AT NO COST TO THE CLIENT. 10. <u>DO NOT SCALE THESE DRAWINGS</u>: WRITTEN DIMENSIONS AND ELEVATION HEIGHTS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. ANY AND ALL DISCREPANCIES, ERRORS, OR OMISSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK.

11. FLOOR AND ROOF HEIGHTS ARE MAXIMUMS AND ARE TO FINISH MATERIALS, UNLESS OTHERWISE NOTED. THE GENERAL CONTRACTOR SHALL COORDINATE W/ THE LAND SURVEYOR OF RECORD TO ESTABLISH BUILDING SETBACKS, ROUGH CONC. SLAB HEIGHTS, ROUGH FRAMING HEIGHTS AT WOOD FRAMED FLOORS AND ROOFS. FLOOR PLAN DIMENSIONS ARE TO ROUGH FRAMING.

12. PRIOR TO ANY EXCAVATIONS CONTACT DIG ALERT (DIAL #811) (WWW.DIGALERT.ORG) TO VERIFY EXIST. CONDITIONS.

13. THE PROJECT SHALL COMPLY WITH ALL NPDES, SUSMP, & BMP REQUIREMENTS.

14. ALL PRODUCTS, SYSTEMS, AND EQUIPMENT SHALL BE INSTALL PER MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS. MANUFACTURER'S PRODUCT INSTALLATION INSTRUCTIONS SHALL BE AVAILABLE ON THE JOB SITE AT THE TIME OF INSPECTION AND PROVIDED TO THE OWNER AT COMPLETION OF CONSTRUCTION.

15. FIRE SPRINKLERS ARE REQUIRED FOR THIS PROJECT

16. CIVIL ENGINEER OF RECORD SHALL CERTIFY AT PROJECT COMPLETION THAT THE SITE DRAINAGE IS IN SUBSTANTIAL COMPLIANCE WITH THE APPROVED DRAINAGE PLAN.

17. THERE SHALL BE NO TRENCHES OR EXCAVATIONS 5' OF MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND, OR OBTAIN PERMITS FROM CAL/OSHA. THIS PERMIT, ALONG WITH ANY OTHER SAFETY PERMIT SHALL BE OBTAINED PRIOR TO COMMENCEMENT OF ANY WORK. CONTACT CAL/OSHA AT 714-558-4451

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EXTERIOR ELEVATIONS SECTION SHEETS

> BUILDING SECTIONS 3 & 4 BUILDING SECTIONS A & B

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BUILDING SECTIONS 1 & 2

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LIGHITNG LAYOUT SECOND FLOOR LT102 **SCHEDULES & DIAGRAMS**

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FIRST FLOOR WINDOW SCHEDULE SECOND FLOOR DOOR SCHEDULE

SECOND FLOOR WINDOW SCHEDULE

WINDOW AND DOOR DETAILS

WINDOW AND DOOR DETAILS

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1ST FLOOR AREA DIAGRAM

2ND FLOOR AREA DIAGRAM

ROOF ARFA DIAGRAM BASEMENT FLOOR AREA DIAGRAM

STRUCTURAL SHEETS GENERAL NOTES

\$1.1 GENERAL NOTES FOUNDATION PLAN

FIRST FLOOR FRAMING

SECOND FLOOR FRAMING STR. CEILING FRAMING

ROOF FRAMING STRUCTURAL SCHEDULES

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GARAGE FLOOR ELECTRICAL PLAN

4681.77 SQ.FT. / 1 SPACE/1000 SQ.FT. = 4 SPACES REQUIRED

ALL DEFERRED SUBMITTALS TO BE REVIEWED BY PROJECT ARCHITECT AND/OR ENGINEER OF RECORD AND

1. SOLAR PANELS TO BE APPROVED IN FUTURE SUBMITTAL. NOT INCLUDED AS PART OF THIS APPROVAL.

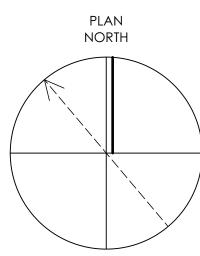
2. STD. PLAN 1117 (SIGHT DISTANCE)

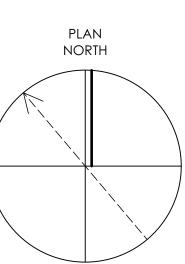
3. CONSTRUCT DRIVEWAY APPROACH PER OCPW STD. PLAN 1209

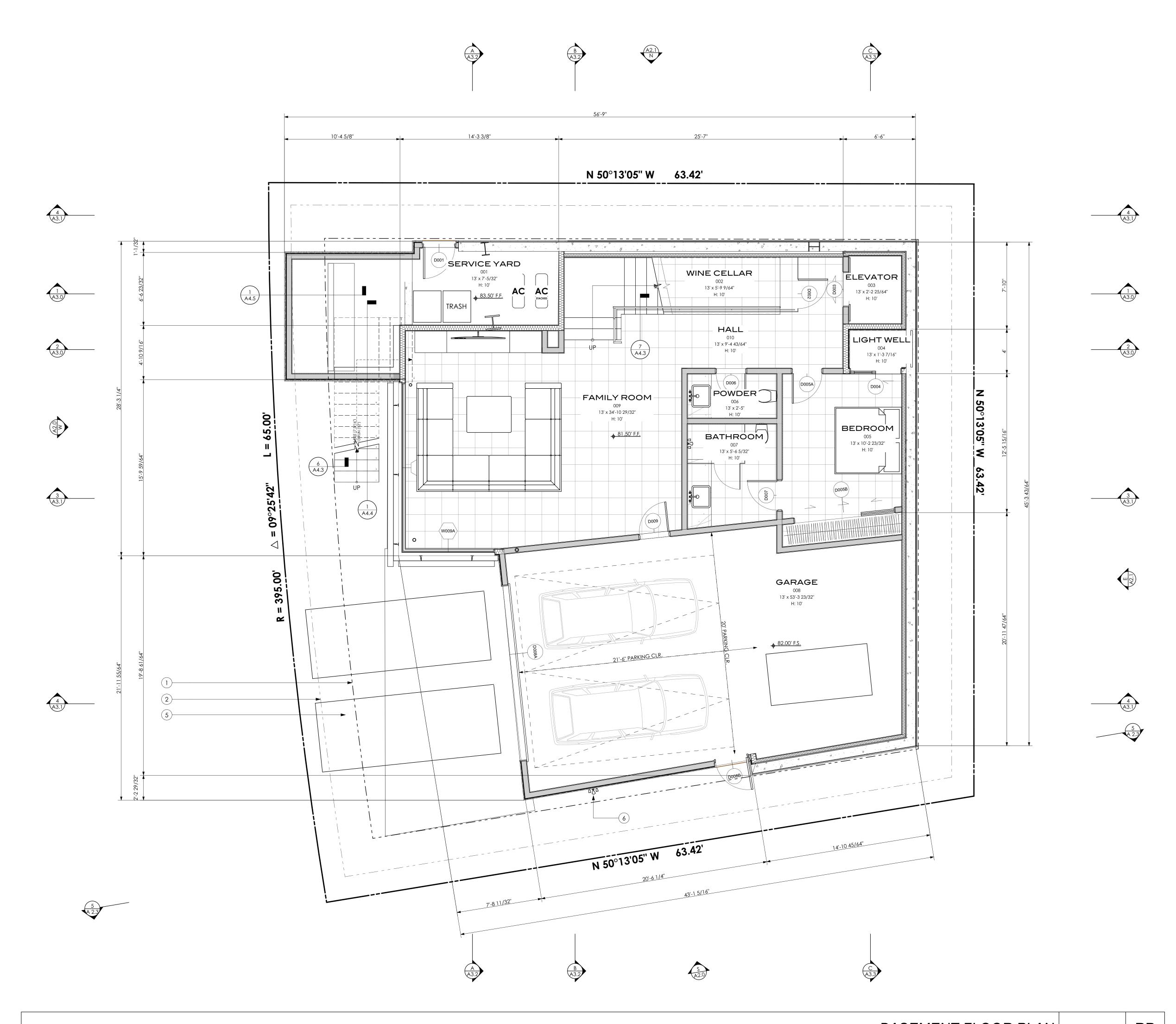
KEY NOTES 1 ELECTRICAL BOX 2 WATER METER 3 TELPHONE BOX 4 RELOCATED GAS METER 5 REPLACE ENTIRE CURB AND GUTTER PER EBSD STANDARDS 6 MAILBOX WATER FEATURE - LOW NOISE VOLUME TO MEET OR EXCEED EBCA AND COUNTY 7 STANDARDS NEW PERMANENT SHORING WALL (4 CAISSONS) PER SEPARATE PLAN 8 9 EXISTING SITE WALL EQUAL TO OR LESS THAN 6' TO REMAIN 10 24" EBSD ENCROACHMENT 11EXISTING 6' HIGH PL WALL W/ MAX. 2' WIDE FT'G. 12 LINE OF LOWER DECK 13 TEMPORARY SHORING CAISSONS PER STRUCTURAL 14 TEMPORARY SHORING (TYP.)

NOTES

- UNDERGROUND ALL UTILITY LINES TO THE NEAREST EXISTING POLE.
- 2. SLOPE ALL GRADES TO DIRECT WATER AWAY FROM THE STRUCTURE, HARDSCAPE SHALL BE SLOPED AWAY
 FROM THE STRUCTURE AT A MIN. OF 1% AND SOFT
 SCAPE AT A MIN. OF 2% UNLESS OTHERWISE NOTED ON
 THE GRADING AND DRAINAGE PLAN.
- 3. ALL SITE WALLS EXISTING & NEW TO NOT EXCEED 6 FEET IN HEIGHT.
- 4. SOLAR PANELS TO BE APPROVED IN FUTURE SUBMITTAL. NOT INCLUDED AS PART OF THIS APPROVAL.
- PROPERTY LINE WALLS ARE TO BE FINISHED ON BOTH







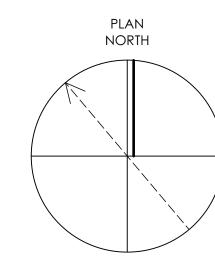
KEY NOTES 1 SETBACK 24" EBSD ENCROACHMENT 2 3 OUTDOOR HEATERS IN SOFFIT 4 LINE OF UPPER DECK LEVEL 5 DRIVEWAY PARKING 6 OUTDOOR SHOWER 7 LINE OF ROOF ABOVE

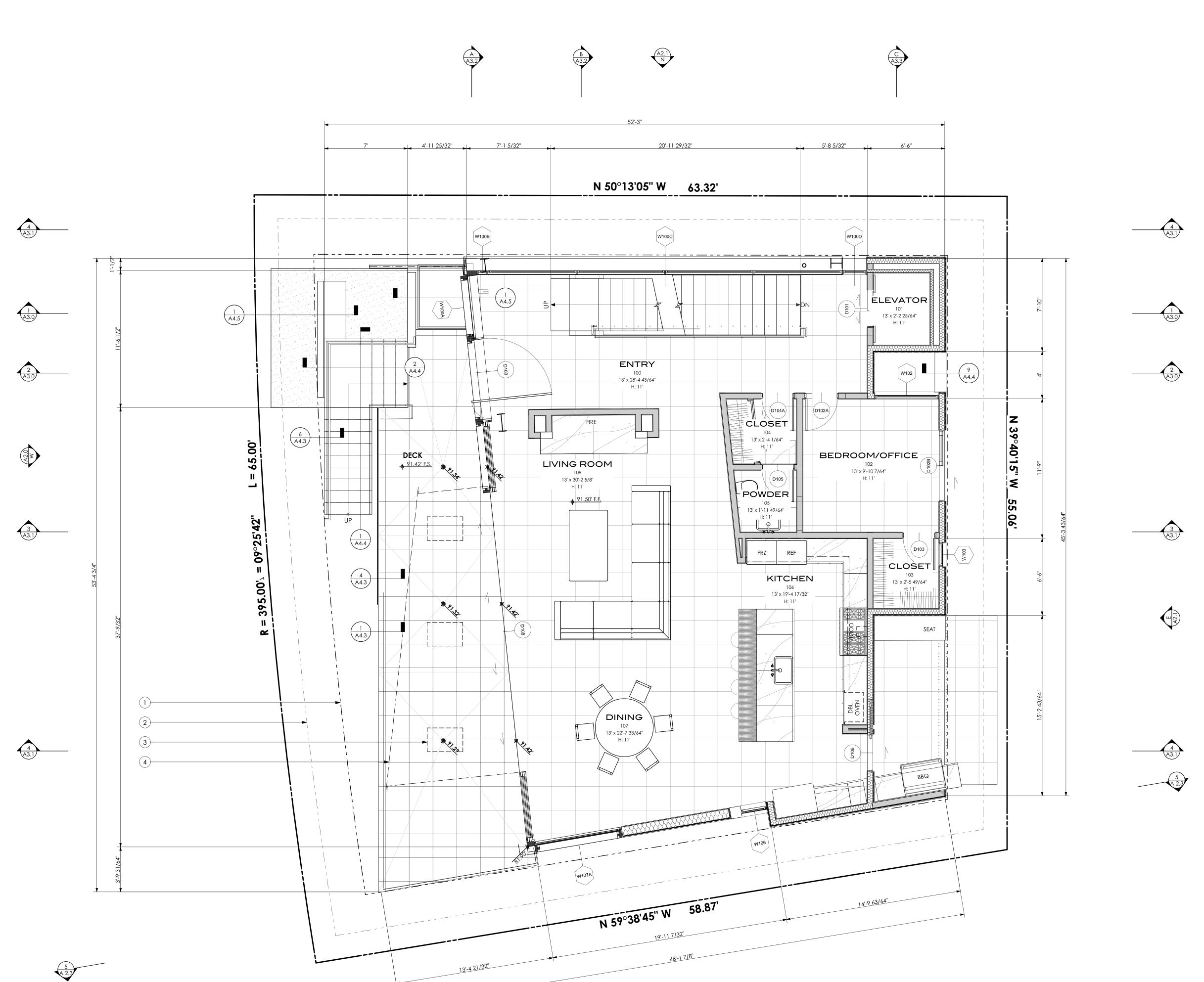
NOTES

- 1. Smoke and co combination alarms shall be hardwired with battery back up and meet standards of NFPA 72 and listed with UL 217 and UL 2034. Smoke and co combination alarms shall be installed in every sleeping room, outside each separate sleeping area in the immediate vicinity of the bedrooms, on each level of the dwelling unit, including habitable basements and attics, smoke alarms shall not be located within 3' horizontally of bathroom (CRC R314).
- 2. All plumbing fixtures shall comply with maximum flow rates specified in the cal green building standards and local green building standards, whichever is more restrictive. 3. All water closets or bidets shall maintain a minimum of a 15"
- horizontal clearance from the of its center to the nearest side wall or obstruction, and not closer than 30" to the center of an adjacent fixture and shall maintain a minimum of 24" clear in front of the fixture (CPC 402.5). 4. All showers compartments, regardless of shape, shall maintain
- a minimum of 1024 sq.in. and encompass 30" diameter clear space inside the shower enclosure (CPC 408.6) and a ceiling height of not less than 6'-8" (CRC R305.1). Shower walls shall be tile or stone from floor to min. hgt. of 6'-0" above shower floor (CPC 408.7). all glass shower enclosures shall be constructed with tempered safety glass CRC R308.5. Shower lining and receptors shall be constructed on site and watertight by approved non-absorbent, non-corrosive materials and reinforced in accordance with manuf. specifications (CPC 408.7). where a shower receptor has a
- or exceeding 9" in depth where measured from the top of the dam or threshold to the top of the drain (CPC 408.5). Garages shall be separated from habitable area by a min. 5/8" thk. type x gyp. bd. wall finish on the garage side of stud framing (CRC R302.6).

finished dam, curb or threshold it shall be not less than 1" lower that the sides and back of such receptor, and not less than 2"

- 6. Gas fired appliances located in garages shall be installed so that burners and ignition devices are located a minimum of 18" above the floor (CPC 507.13). 7. Fireblocking shall be provided to cut off both vertical and
- horizontal concealed draft openings in the following locations and constructed of an approved material(CRC r302.11): 1. in stud walls and partitions including furred spaces and parallel rows of studs or staggered studs: vertically at ceiling and floor levels, and horizontally at intervals not
- exceeding 10'. 2. at interconnections between concealed vertical and horizontal spaces such as soffits, dry ceilings, and cove
- 3. in concealed spaces between stairs stringers and top and bottom of run.
- 4. at openings around vents, pipes, ducts, cables, and wires at ceiling and floor levels, with an approved material to resist the free passage of flame and products of combustion.
- 8. Draftstopping shall be provided in usable space both above and below the concealed space of a floor-ceiling assembly such that the area of concealed space does not exceed 1000 sq.ft. draftstopping shall divide the space into roughly equal areas and shall be provided when the ceiling framing is dropped below the floor framing or when open web truss or perforated joists are used (CRC r 302.12).
- P. tank water heaters shall be anchored or strapped to resist seismic disc placement. strapping shall be at points within the upper 1/3 and lower 1/3 of its vertical dimensions. a min. of 4" shall be maintained between strapping and controls.(CPC 507.2). where a water is heater is located in an attic or on a floor/ceiling assembly - a min. 1 1/2" dp. watertight corrosion resistant pan shall be installed beneath the water heater w/a 3/4"Ø drain to an approved location (CPC 507.5).





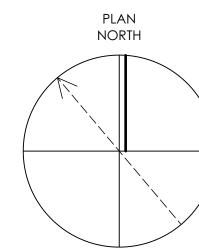
KEYN	DTES				
1	SETBACK				
2	24" EBSD ENCROACHMENT LIMIT				
3	OUTDOOR HEATERS IN SOFFIT				
4	LINE OF UPPER DECK LEVEL				
5	DRIVEWAY PARKING				
6	OUTDOOR SHOWER				
7	LINE OF ROOF ABOVE				

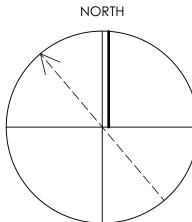
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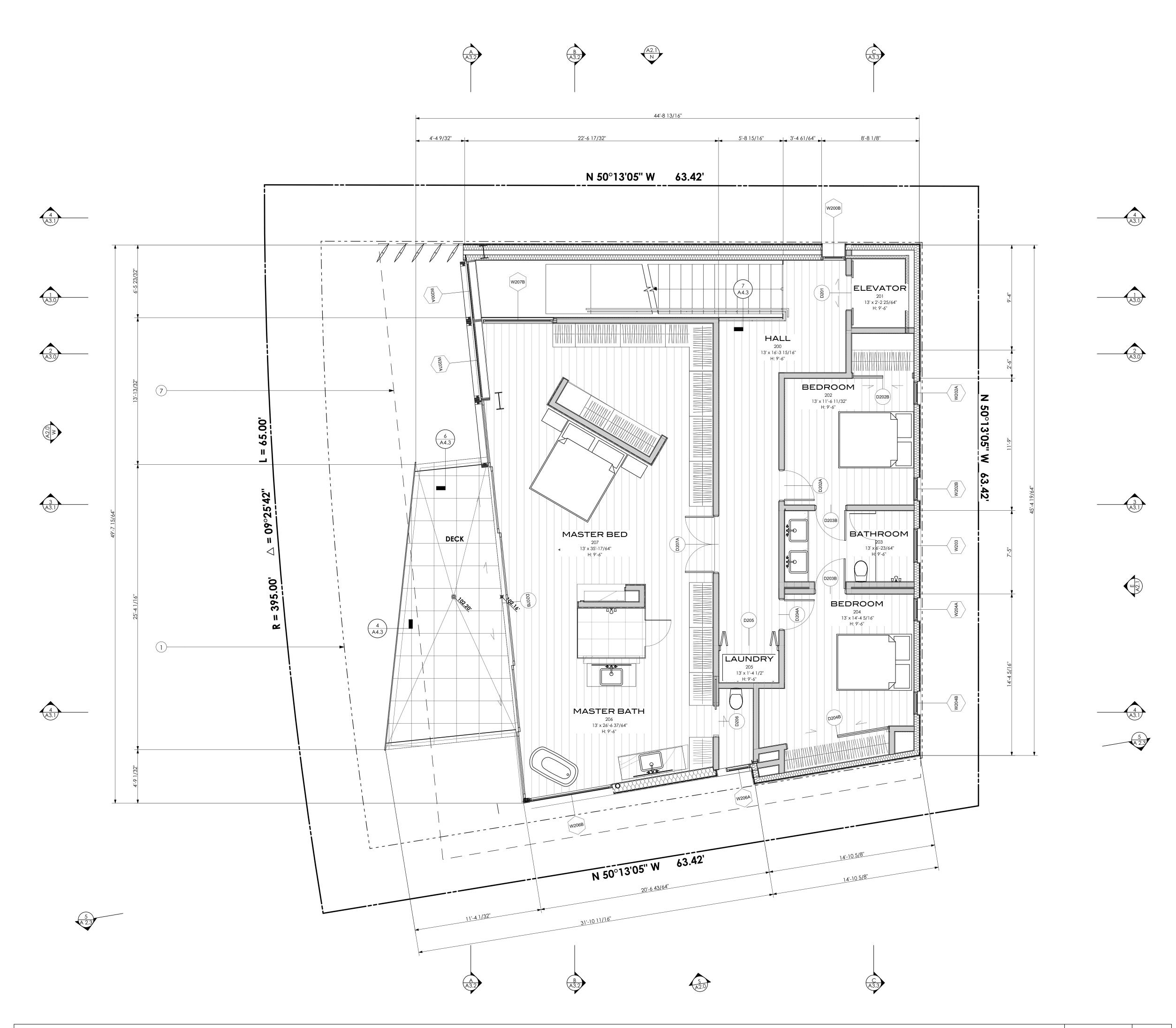
- 1. Smoke and co combination alarms shall be hardwired with battery back up and meet standards of NFPA 72 and listed with UL 217 and UL 2034. Smoke and co combination alarms shall be installed in every sleeping room, outside each separate sleeping area in the immediate vicinity of the bedrooms, on each level of the dwelling unit, including habitable basements and attics, smoke alarms shall not be located within 3' horizontally of bathroom (CRC R314).
- 2. All plumbing fixtures shall comply with maximum flow rates specified in the cal green building standards and local green building standards, whichever is more restrictive. 3. All water closets or bidets shall maintain a minimum of a 15"
- horizontal clearance from the of its center to the nearest side wall or obstruction, and not closer than 30" to the center of an adjacent fixture and shall maintain a minimum of 24" clear in front of the fixture (CPC 402.5). 4. All showers compartments, regardless of shape, shall maintain
- a minimum of 1024 sq.in. and encompass 30" diameter clear space inside the shower enclosure (CPC 408.6) and a ceiling height of not less than 6'-8" (CRC R305.1). Shower walls shall be tile or stone from floor to min. hgt. of 6'-0" above shower floor (CPC 408.7). all glass shower enclosures shall be constructed with tempered safety glass CRC R308.5. Shower lining and receptors shall be constructed on site and watertight by approved non-absorbent, non-corrosive materials and reinforced in accordance with manuf. specifications (CPC 408.7). where a shower receptor has a
- or exceeding 9" in depth where measured from the top of the dam or threshold to the top of the drain (CPC 408.5). Garages shall be separated from habitable area by a min. 5/8" thk. type x gyp. bd. wall finish on the garage side of stud framing (CRC R302.6).

finished dam, curb or threshold it shall be not less than 1" lower that the sides and back of such receptor, and not less than 2"

- 6. Gas fired appliances located in garages shall be installed so that burners and ignition devices are located a minimum of 18" above the floor (CPC 507.13).
- 7. Fireblocking shall be provided to cut off both vertical and horizontal concealed draft openings in the following locations and constructed of an approved material(CRC r302.11): 1. in stud walls and partitions including furred spaces and parallel rows of studs or staggered studs: vertically at ceiling and floor levels, and horizontally at intervals not
- exceeding 10'. 2. at interconnections between concealed vertical and horizontal spaces such as soffits, dry ceilings, and cove
- 3. in concealed spaces between stairs stringers and top and bottom of run.
- 4. at openings around vents, pipes, ducts, cables, and wires at ceiling and floor levels, with an approved material to resist the free passage of flame and products of combustion.
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- 9. tank water heaters shall be anchored or strapped to resist seismic disc placement. strapping shall be at points within the upper 1/3 and lower 1/3 of its vertical dimensions. a min. of 4" shall be maintained between strapping and controls.(CPC 507.2). where a water is heater is located in an attic or on a floor/ceiling assembly - a min. 1 1/2" dp. watertight corrosion resistant pan shall be installed beneath the water heater w/a 3/4"Ø drain to an approved location (CPC 507.5).



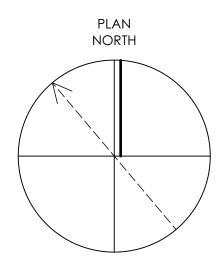


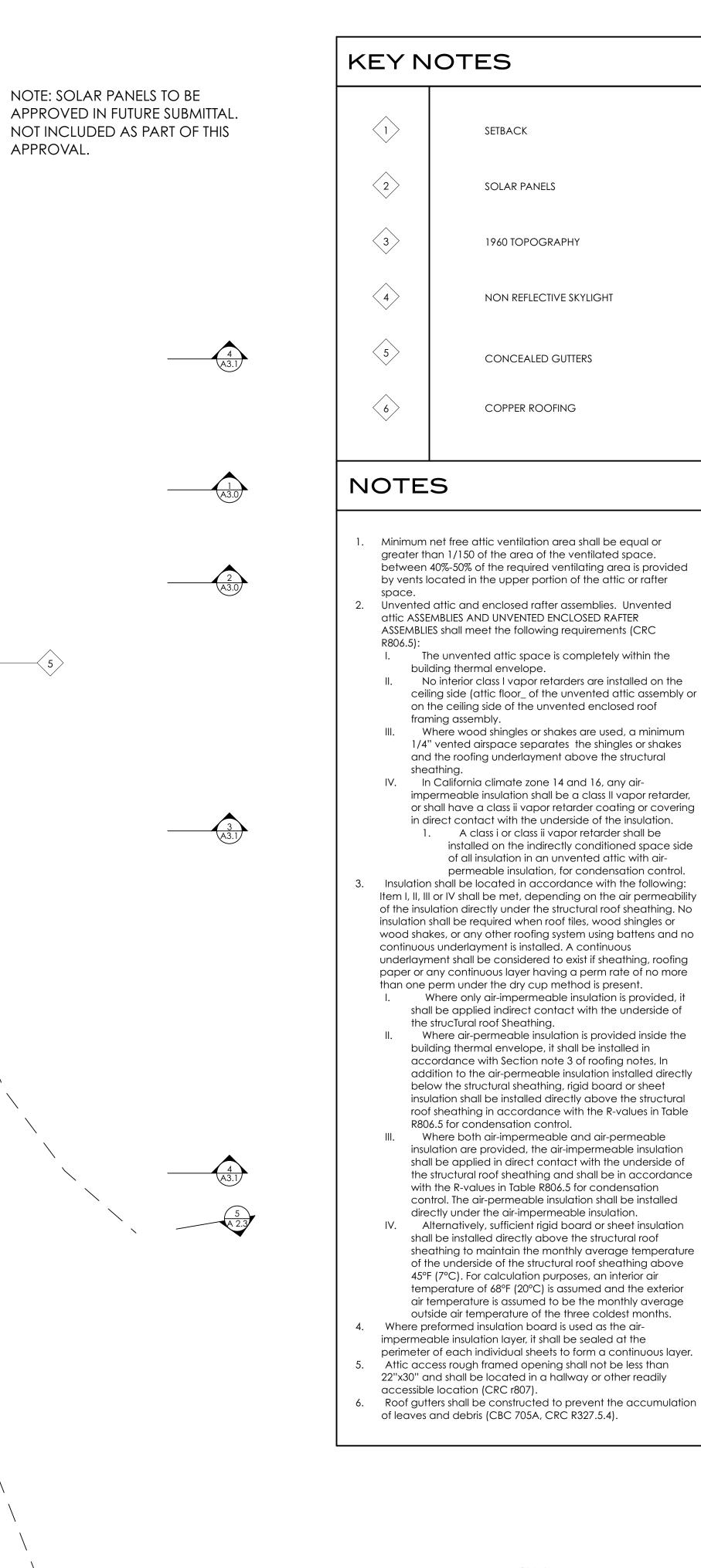


KEYN	OTES
1	SETBACK
2	24" EBSD ENCROACHMENT LIMIT
3	OUTDOOR HEATERS IN SOFFIT
4	LINE OF UPPER DECK LEVEL
5	DRIVEWAY PARKING
6	OUTDOOR SHOWER
7	LINE OF ROOF ABOVE

NOTES

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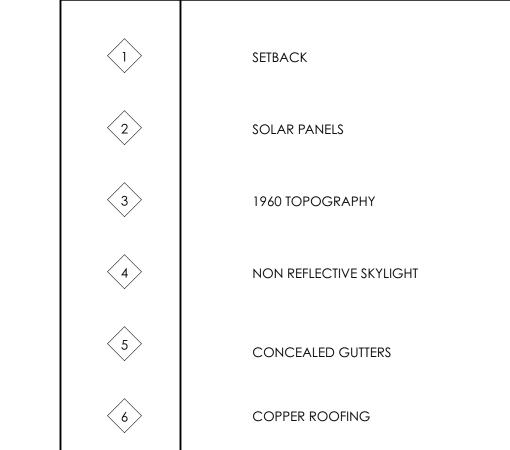




APPROVAL.

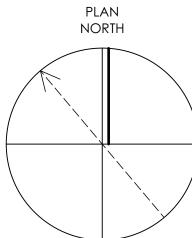
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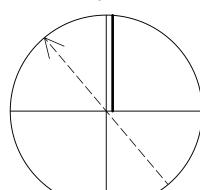
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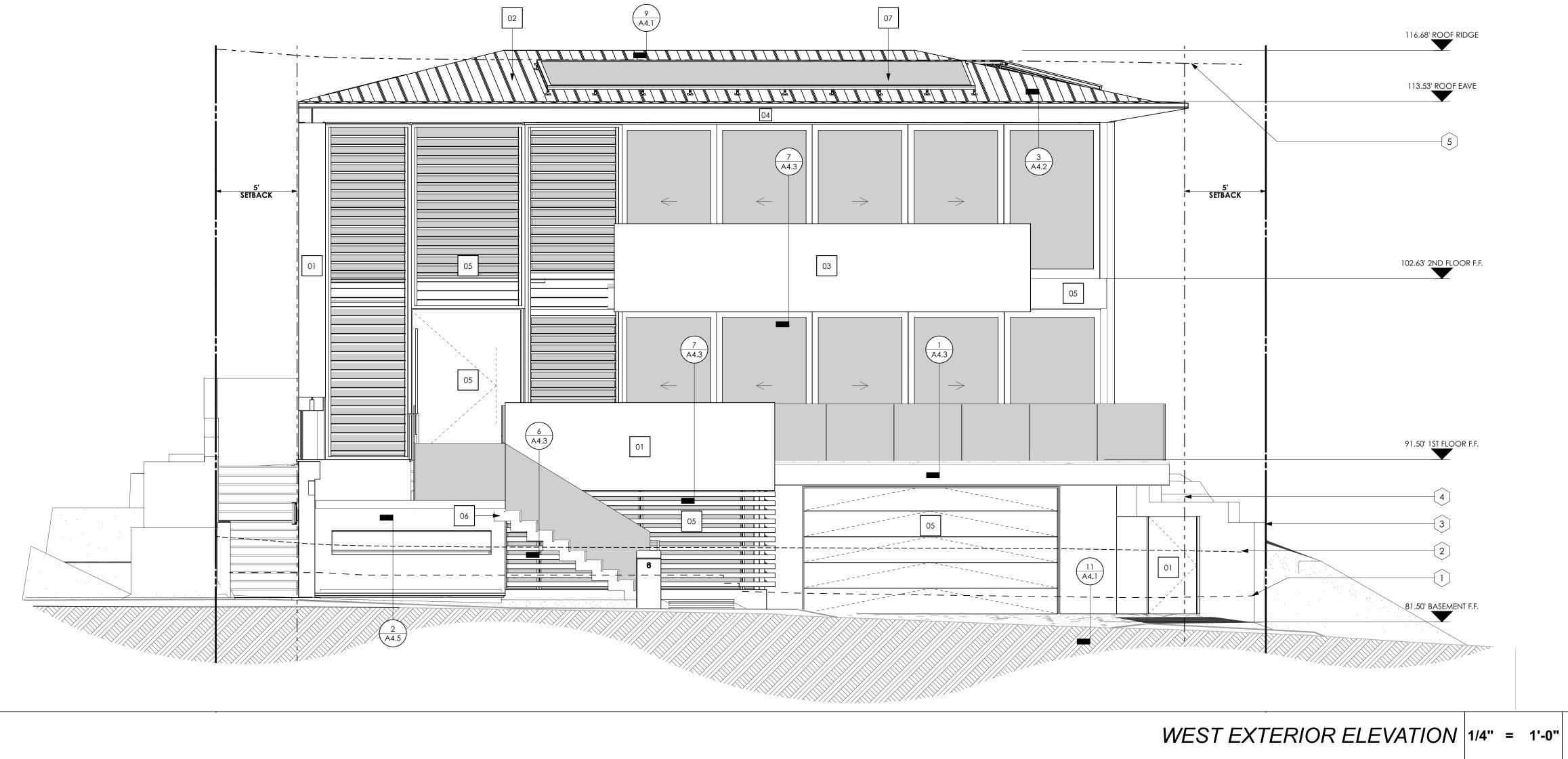
- 1. Minimum net free attic ventilation area shall be equal or greater than 1/150 of the area of the ventilated space. between 40%-50% of the required ventilating area is provided by vents located in the upper portion of the attic or rafter
- 2. Unvented attic and enclosed rafter assemblies. Unvented attic ASSEMBLIES AND UNVENTED ENCLOSED RAFTER ASSEMBLIES shall meet the following requirements (CRC I. The unvented attic space is completely within the
 - building thermal envelope. II. No interior class I vapor retarders are installed on the
 - ceiling side (attic floor_ of the unvented attic assembly or on the ceiling side of the unvented enclosed roof framing assembly. III. Where wood shingles or shakes are used, a minimum
 - 1/4" vented airspace separates the shingles or shakes and the roofing underlayment above the structural sheathing. IV. In California climate zone 14 and 16, any air-
 - impermeable insulation shall be a class II vapor retarder, or shall have a class ii vapor retarder coating or covering in direct contact with the underside of the insulation. 1. A class i or class ii vapor retarder shall be installed on the indirectly conditioned space side
- of all insulation in an unvented attic with airpermeable insulation, for condensation control. 3. Insulation shall be located in accordance with the following: Item I, II, III or IV shall be met, depending on the air permeability of the insulation directly under the structural roof sheathing. No insulation shall be required when roof tiles, wood shingles or
- paper or any continuous layer having a perm rate of no more than one perm under the dry cup method is present. I. Where only air-impermeable insulation is provided, it shall be applied indirect contact with the underside of the strucTural roof Sheathing.
- II. Where air-permeable insulation is provided inside the building thermal envelope, it shall be installed in accordance with Section note 3 of roofing notes, In addition to the air-permeable insulation installed directly below the structural sheathing, rigid board or sheet insulation shall be installed directly above the structural roof sheathing in accordance with the R-values in Table R806.5 for condensation control.
- III. Where both air-impermeable and air-permeable insulation are provided, the air-impermeable insulation shall be applied in direct contact with the underside of the structural roof sheathing and shall be in accordance with the R-values in Table R806.5 for condensation control. The air-permeable insulation shall be installed directly under the air-impermeable insulation.
- IV. Alternatively, sufficient rigid board or sheet insulation shall be installed directly above the structural roof sheathing to maintain the monthly average temperature of the underside of the structural roof sheathing above 45°F (7°C). For calculation purposes, an interior air temperature of 68°F (20°C) is assumed and the exterior air temperature is assumed to be the monthly average outside air temperature of the three coldest months.
- 4. Where preformed insulation board is used as the airimpermeable insulation layer, it shall be sealed at the perimeter of each individual sheets to form a continuous layer. 5. Attic access rough framed opening shall not be less than
- 22"x30" and shall be located in a hallway or other readily accessible location (CRC r807).
- 6. Roof gutters shall be constructed to prevent the accumulation of leaves and debris (CBC 705A, CRC R327.5.4).

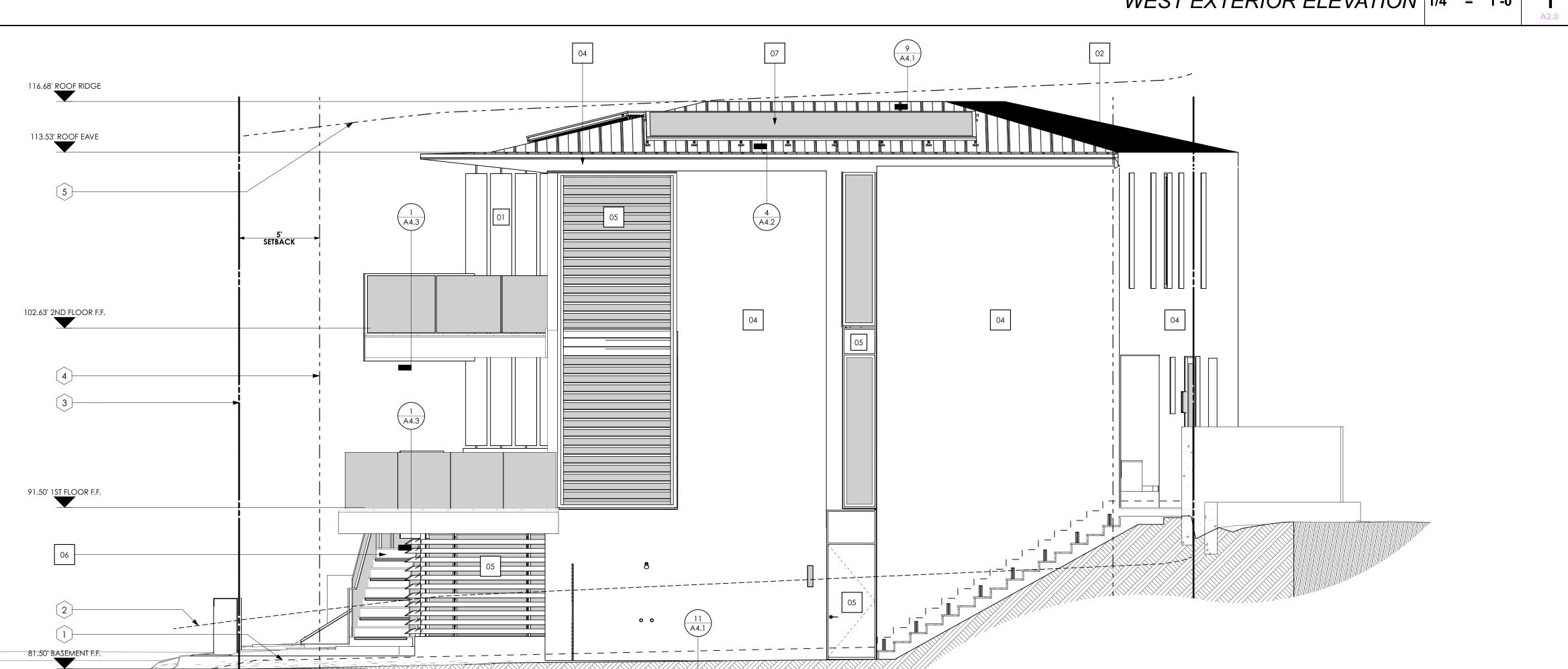




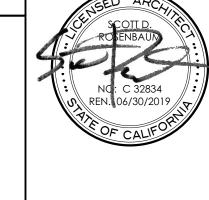
KEY NOTES LINE OF EXISTING GRADE 2 LINE OF 1960'S GRADE 3 PROPERTY LINE 4 SETBACK 5 LINE OF 30' HEIGHT LIMIT MATERIALS LEGEND

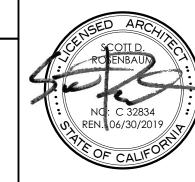
	01	DESCRIPTION: WEATHERING STEEL - WALLS, SOLID RAILING, LOUVERS
		COLOR: NATURAL FINISH (RUST)
		MANUFACTURER:
		REMARKS:
	02	DESCRIPTION: STANDING SEAM METAL ROOF - ROOFING
		COLOR: COPPER NATURAL PATINA
		MANUFACTURER:
		REMARKS:
	03	DESCRIPTION: POWDER COATED PLATE STEEL, UPPER LEVEL DECK
		COLOR: WHITE
		MANUFACTURER:
		REMARKS:
1 A2.0	04	DESCRIPTION: SMOOTH COAT STUCCO - WALLS
		COLOR: CREAM
		MANUFACTURER:
		REMARKS:
	05	DESCRIPTION: MAHOGONY WOOD - EXT. WINDOWS AND DOORS, GARAGE DOORS EXT. TRIM.
		COLOR: MAHOGANY
		MANUFACTURER:
		REMARKS: DOORS AND WINDOWS STAINED TO MATCH RED BALOU
	06	DESCRIPTION: LIMESTONE TILE - EXT. STAIRS, DRIVEWAY, HARDSCAPE, DECKS, SOFFITS
		COLOR: 80%/20% WHITE/CREAM BLEND
		MANUFACTURER:
		REMARKS:
		DESCRIPTION: SOLAR PANELS
	07	COLOR: BLACK PHOTOVOLTAIC CELL
		MANUFACTURER:
		REMARKS: SOLAR PANELS TO BE APPROVED IN FUTURE SUBMITTAL. NOT INCLUDED AS PART OF THIS APPROVAL.
	08	DESCRIPTION: SMOOTH COAT STUCCO - WALLS
		COLOR: BROWN
		MANUFACTURER:
		REMARKS:





PLAN NORTH





1 LINE OF EXISTING GRADE

2 LINE OF 1960'S GRADE

KEY NOTES

4

3 PROPERTY LINE

SETBACK

5 LINE OF 30' HEIGHT LIMIT

MATERIALS LEGEND

DESCRIPTION: WEATHERING STEEL - WALLS, SOLID RAILING, LOUVERS COLOR: NATURAL FINISH (RUST) MANUFACTURER:

REMARKS:

DESCRIPTION: STANDING SEAM METAL ROOF -

COLOR: COPPER | NATURAL PATINA MANUFACTURER:

REMARKS:

03 DESCRIPTION: POWDER COATED PLATE STEEL, UPPER LEVEL DECK

> MANUFACTURER: REMARKS:

> > REMARKS:

06

08

COLOR: WHITE

04 DESCRIPTION: SMOOTH COAT STUCCO - WALLS

COLOR: CREAM MANUFACTURER:

DESCRIPTION: MAHOGONY WOOD - EXT. WINDOWS AND DOORS, GARAGE DOORS EXT.

COLOR: MAHOGANY MANUFACTURER:

REMARKS: DOORS AND WINDOWS STAINED TO MATCH RED BALOU

DESCRIPTION: LIMESTONE TILE - EXT. STAIRS, DRIVEWAY, HARDSCAPE, DECKS, SOFFITS

COLOR: 80%/20% WHITE/CREAM BLEND

MANUFACTURER: REMARKS:

DESCRIPTION: SOLAR PANELS

COLOR: BLACK PHOTOVOLTAIC CELL

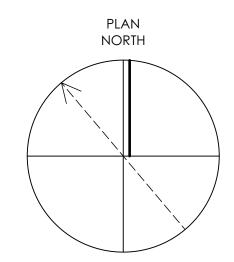
MANUFACTURER:

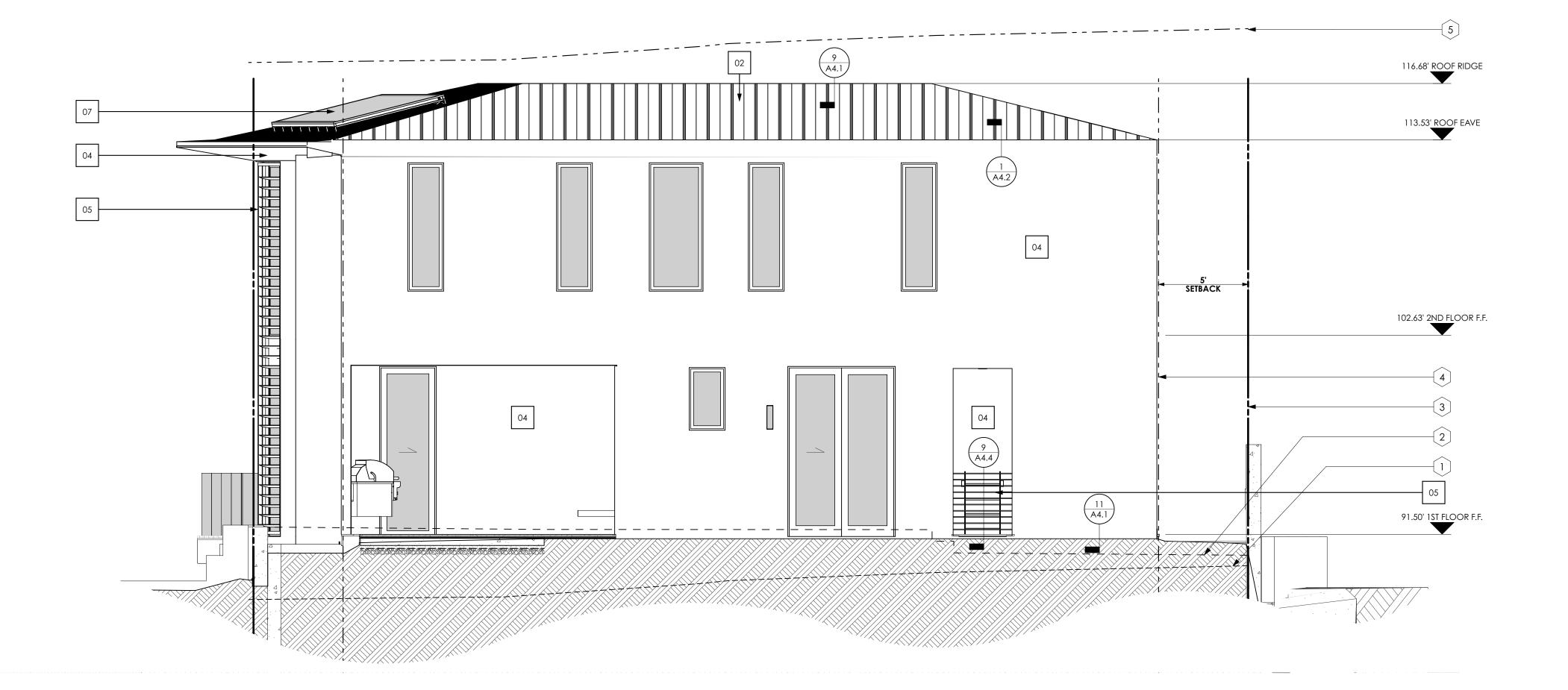
REMARKS: SOLAR PANELS TO BE APPROVED IN FUTURE SUBMITTAL. NOT INCLUDED AS PART OF THIS APPROVAL.

DESCRIPTION: SMOOTH COAT STUCCO - WALLS COLOR: BROWN

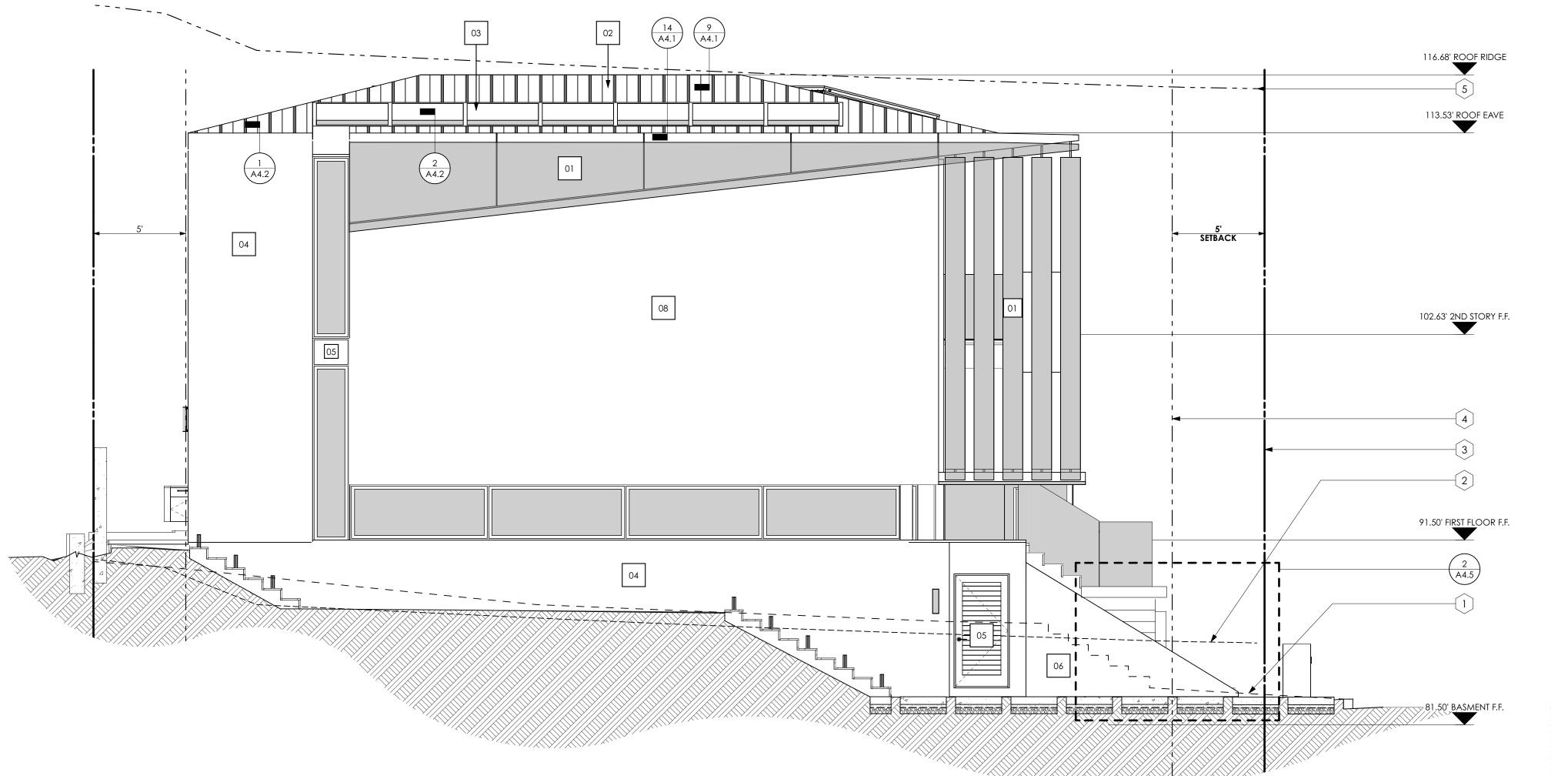
MANUFACTURER:

REMARKS:





EAST EXTERIOR ELEVATION | 1/4" = 1'-0" | 1







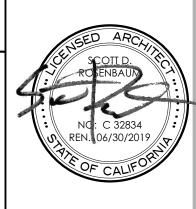
SECTION 2 | 1/4" = 1'-0" 2





12/31/19

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



12/31/19

SECTIONB | 1/4" = 1'-0" | **B**