

GENERAL NOTES

- ALL CONSTRUCTION SHALL COMPLY WITH CALIFORNIA BUILDING CODE, 2022 EDITION; THE CALIFORNIA PLUMBING CODE, 2022 EDITION; THE CALIFORNIA ELECTRICAL CODE, 2022 EDITION; THE CALIFORNIA MECHANICAL CODE, 2022 EDITION; THE CALIFORNIA FIRE CODE, 2022 EDITION; THE CALIFORNIA ENERGY CODE, 2022 EDITION; CALIFORNIA GREEN BUILDING STANDARDS CODE 2022 EDITION AND ALL AMENDMENTS AS ADOPTED IN SANTA BARBARA CITY ORDINANCE 5919
- IT SHALL BE THE SUB-CONTRACTORS RESPONSIBILITY TO NOTIFY THE OWNER AND DESIGNER OF ANY INCONSISTENCIES IN THE CONSTRUCTION DOCUMENTS DISCOVERED WHILE BIDDING AND CLARIFICATION SHALL BE MADE PRIOR TO THE START OF CONSTRUCTION.
- ALL MATERIALS, STAIN AND PAINT COLORS AND TEXTURES SHALL BE SELECTED BY THE DESIGNER PRIOR TO FABRICATION OR INSTALLATION.
- EACH SUB-CONTRACTOR IS TO CLOSELY EXAMINE THE CONTRACT DOCUMENTS TO DETERMINE THE EXTENT OF THE EXISTING ELEMENTS TO REMAIN. WHERE QUESTIONS OR DISCREPANCIES ARISE, CONSULT THE DESIGNER ABOUT THE TEXT AND/OR INTENT OF THE REQUIRED DIRECTION, BEFORE COMMENCING THE WORK.
- ALL DIMENSIONS ARE TO FACE OF STUD, CONCRETE OR MASONRY UNLESS NOTED OTHERWISE.
- EACH SUB-CONTRACTOR SHALL REMOVE ALL DEBRIS AND RUBBISH CREATED BY HIS TRADE OR HIS EMPLOYEES, FROM HIS PORTION OF THE WORK DESCRIBED HEREIN AND DEPOSIT IN THE ON-SITE CONTAINER.
- WHERE ANY EXISTING WORK IS DAMAGED BY REMOVAL OF ADJACENT WORK OR ANY OTHER CONSTRUCTION OPERATION, IT SHALL BE REPAIRED OR REPLACED, BY THE SUB-CONTRACTOR WHO HAS CAUSED THE DAMAGE, WITH NEW MATERIALS TO MATCH EXISTING AS APPROVED BY THE DESIGNER.
- ALL GLAZING SHALL COMPLY WITH THE STANDARDS OF THE U.S. CONSUMER PRODUCT SAFETY COMMISSION. MANUFACTURER TO SUPPLY CERTIFICATE OF COMPLIANCE TO OWNER.
- SUBSTITUTIONS, REVISIONS OR CHANGES MAY BE ALLOWED ONLY IF SUCH ITEMS ARE SUBMITTED TO THE DESIGNER IN A TIMELY MANNER IN WRITING AND SUBSEQUENTLY APPROVED BY THE DESIGNER. ALL SUBSTITUTIONS MUST BE AT LEAST OF EQUAL QUALITY, DESIGN AND PERFORMANCE. THE DESIGNER SHALL RESERVE THE RIGHT TO REJECT ANY REQUEST FOR A SUBSTITUTION FOR ANY REASON.
- ALL ELECTRICAL, PLUMBING, MECHANICAL AND STRUCTURAL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL LEGAL CONSTITUTED AUTHORITIES HAVING JURISDICTION AND TO ALL OF THE STANDARDS OF THEIR RESPECTIVE ASSOCIATIONS OR COUNCILS.
- GENERAL LIGHTING FIXTURES IN KITCHENS AND BATHROOMS SHALL BE FLUORESCENT OR APPROVED EQUAL.
- LIGHTING FIX IN SHOWER ENCL. SHALL BE SUITABLE FOR WET USE PER NEC 410-4.
- WATER CLOSETS SHALL BE "ULTRA LOW FLUSH" WITH 1.28 GAL MAX PER FLUSH
- CONTROL VALVES FOR SHOWERS AND TUB/SHOWERS SHALL BE THERMOSTATIC OR PRESSURE BALANCING VALVE TYPE
- IT WILL BE THE PROPERTY OWNERS/CONTRACTORS RESPONSIBILITY TO HAVE A LICENSED SURVEYOR LAYOUT PROPOSED STRUCTURES WHEN THEY ARE LOCATED ON OR NEAR SETBACK LINES.
- CONSTRUCTION WASTE MANAGEMENT REQUIREMENTS OF CRC R324.1 WILL BE MET RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 50 PERCENT OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IN ACCORDANCE WITH CGCB CHPT.4 DIVISION 4.5
- FINISH MATERIALS INCLUDING ADHESIVES, SEALANTS, CAULKS, PAINTS AND COATINGS, AEROSOL PAINTS AND COATINGS SHALL MEET THE VOLATILE ORGANIC COMPOUND (VOC) EMISSION LIMITS IN SCORDANCE WITH CGCB CHPT. 4.4.5 (CAL GREEN)



202 Salida Del Sol

Santa Barbara, Ca

CONSULTANTS

DESIGN:	J. GRANT DESIGN STUDIO 3040 STATE STREET SUITE "E" SANTA BARBARA, CA 93105 PH (805) 682-1141
STRUCTURAL ENGINEERING:	GARY FROLENKO ENGINEERING 23 HITCHCOCK WAY, SUITE 104 SANTA BARBARA, CA 93105 PH (805) 682-3887 R.C.E. #27863
TITLE 24	INGER & ASSOCIATES 620 CHELHAM WAY SANTA BARBARA, CA 93108 DAVE INGER PH. (805) 969-1881

GREEN BUILDING NOTE

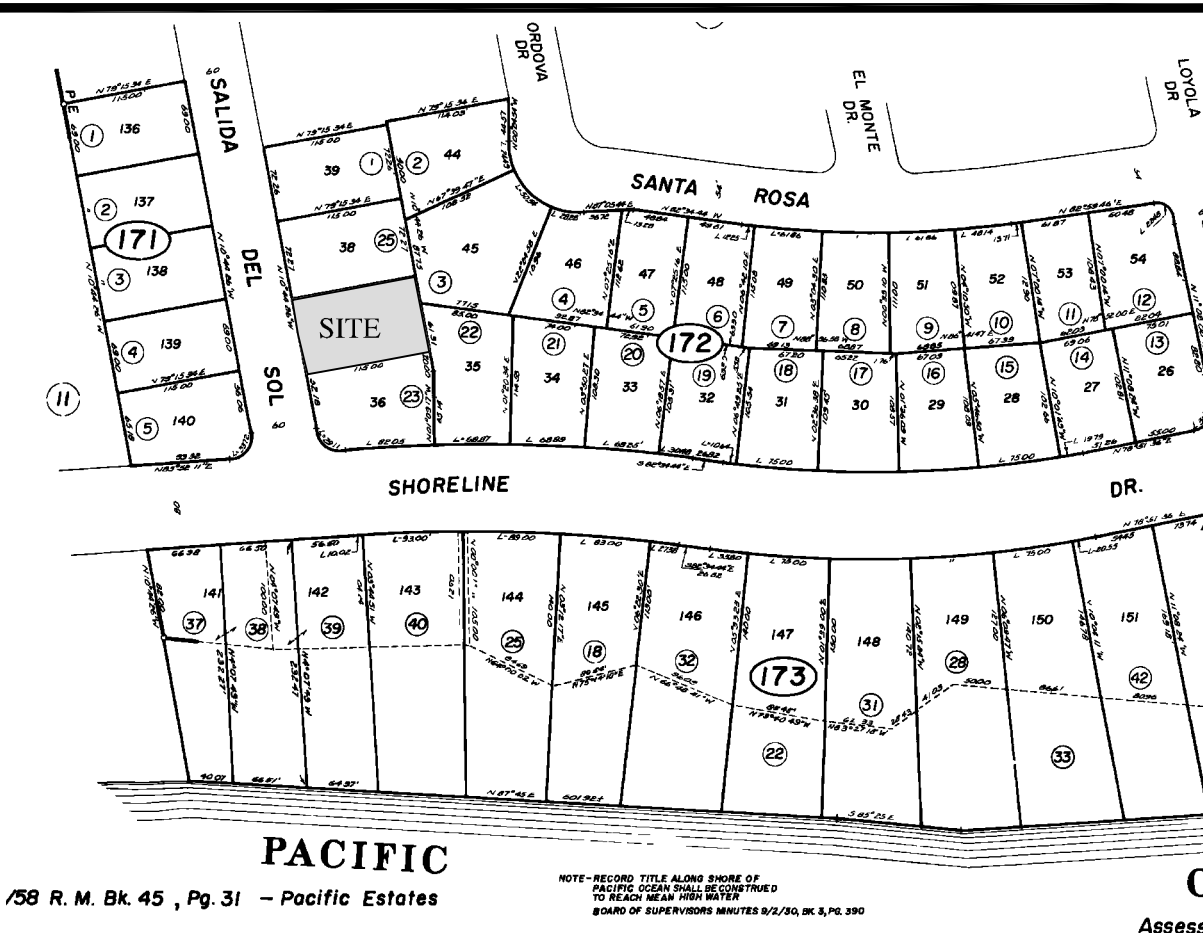
AT THE TIME OF FINAL INSPECTION, AN OPERATION & MAINTENANCE MANUAL, COMPACT DISC OR WEB BASED REFERENCE SHALL BE PLACED IN THE BUILDING. THIS MANUAL SHALL INCLUDE ALL OF THE ITEMS LISTED ON CALIFORNIA GREEN BUILDING STANDARDS CODE SECTION 4.410.0 [CGBCS 4.410]

Fire Sprinkler & Addressing Note:

Fire sprinkler plans are required to be check and approved by Fire Department prior to installation. Any system must be in compliance with 2007 NFPA Standard #13, or #13D or #13R as, applicable.

BUILDINGS SHALL HAVE ADDRESS NUMBERS PLACED IN A POSITION THAT IS PLAINLY LEGIBLE FROM THE STREET OR ROAD FRONTING PROPERTY. NUMBERS SHALL CONTRAST WITH BACKGROUND, BE ARABIC LETTERS AND BE A MINIMUM OF 4" HIGH WITH A MIN. STROKE OF 1/2 INCH (R319.1 CRC)

VICINITY MAP



PROJECT DATA

PROJECT NAME:	QUINN RESIDENTIAL ADDITION
PROJECT ADDRESS:	202 SALIDA DEL SOL SANTA BARBARA, CA 93109
PROPERTY OWNER:	SCOTT & HILARY QUINN CONTACT TELEPHONE: (805) 682-1141
PARCEL NUMBER:	045-172-024
LAND USE ZONE:	E-3 / S-D-3 (ONE-FAMILY RESIDENCE/COASTAL OVERLAY)
PARCEL SIZE:	0.18 ACRES; APPROX. 7,968 S.F.
AVERAGE SLOPE:	7% (EST. PER GIS)
SETBACKS:	REQUIRED: FRONT: 20' SIDE YARD: 6' REAR YARD: 6'
EXISTING PARKING:	REQUIRED: 2 COVERED PROVIDED: 2 COVERED
PROPOSED PARKING:	NO CHANGE
HIGH FIRE ZONE:	NO
EROSION CONTROL:	YES
SWMP REQUIREMENTS:	TIER 2

FLOOR AREA STATISTICS

EXISTING RESIDENCE	1,565 S.F. (NET)	1,640 S.F. (GROSS)
EXISTING GARAGE	402 S.F. (NET)	428 S.F. (NET)
EXISTING TOTAL	1,967 S.F. (NET)	2,068 S.F. (NET)
LOWER FLOOR ADDITION	21 S.F. (NET)	26 S.F. (GROSS)
UPPER FLOOR ADDITION	946 S.F. (NET)	1,024 S.F. (GROSS)
PROPOSED LIVING TOTAL	2,934 S.F. (NET)	3,118 S.F. (GROSS)

SCOPE OF WORK

- PROPOSED FIRST STORY ADDITION (21 S.F. NET) (26 S.F. GROSS)
- PROPOSED SECOND STORY ADDITION (946 S.F. NET) (1,024 S.F. GROSS)
- PROPOSED SECOND STORY DECK (275 S.F.)
- PROPOSED REAR COVERED PORCH (430 S.F.)
- INTERIOR REMODEL OF EXISTING (1,500 S.F.)

SHEET INDEX

SHT NO.	SHEET DESCRIPTION
SHT COVER	COVER SHEET, SITE PLAN, VICINITY MAP, SITE STATISTICS.
SHT A-1	SITE PLAN
SHT A-2	EXISTING PLAN WITH PROPOSED OVERLAY
SHT A-3	PROPOSED FLOOR PLANS
SHT A-4	PROPOSED ROOF PLAN & BUILDING SECTIONS
SHT A-5	EXTERIOR ELEVATION RENDERINGS
SHT A-6	PROPOSED EXTERIOR ELEVATIONS
SHT A-7	PROPOSED EXTERIOR ELEVATIONS
SHT A-8	DOOR & WINDOW SCHEDULES
SHT D-1	ARCHITECTURAL DETAILS
SHT D-2	ARCHITECTURAL DETAILS
SHT E-1	FIRST FLOOR ELECTRICAL PLAN
SHT E-2	SECOND FLOOR ELECTRICAL PLAN
SHT E-3	TITLE 24 DOCUMENTATION
SHT L-1	EXISTING & PROPOSED LANDSCAPE PLAN
SHT T-1	EXISTING SITE DRAINAGE PLAN
SHT T-2	TIER 2 SITE DRAINAGE PLAN
SHT S-1	STRUCTURAL SPECIFICATIONS
SHT S-2	FOUNDATION PLAN
SHT S-3	LOWER LEVEL LATERAL PLAN
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SHT S-5	FLOOR FRAMING PLAN
SHT S-6	ROOF FRAMING PLAN

NEIGHBORING F.A.R. STATISTICS

ADDRESS	LIVING S.F. + GARAGE = TOTAL S.F.	LOT S.F.	F.A.R.
1660 SHORLINE DR.	2,175 + 420 = 2,595	8,712	77%
1702 SHORELINE DR.	1,590 + 441 = 2,031	8,276	63%
203 SALIDA DEL SOL	2,063 + 441 = 2,504	7,405	83%
204 SALIDA DEL SOL	3,177 + 420 = 3,597	8,276	111%
207 SALIDA DEL SOL	1,928 + 441 = 2,369	7,840	75%
208 SALIDA DEL SOL	2,119 + 441 = 2,560	7,840	82%
209 SALIDA DEL SOL	2,333 + 420 = 2,753	7,405	91%
213 SALIDA DEL SOL	2,085 + 441 = 2,526	7,840	80%
214 SALIDA DEL SOL	1,643 + 441 = 2,084	8,276	64%
219 SALIDA DEL SOL	1,590 + 441 = 2,031	8,276	63%
220 SALIDA DEL SOL	2,674 + 484 = 3,158	8,712	94%
225 SALIDA DEL SOL	2,107 + 435 = 2,542	7,405	84%

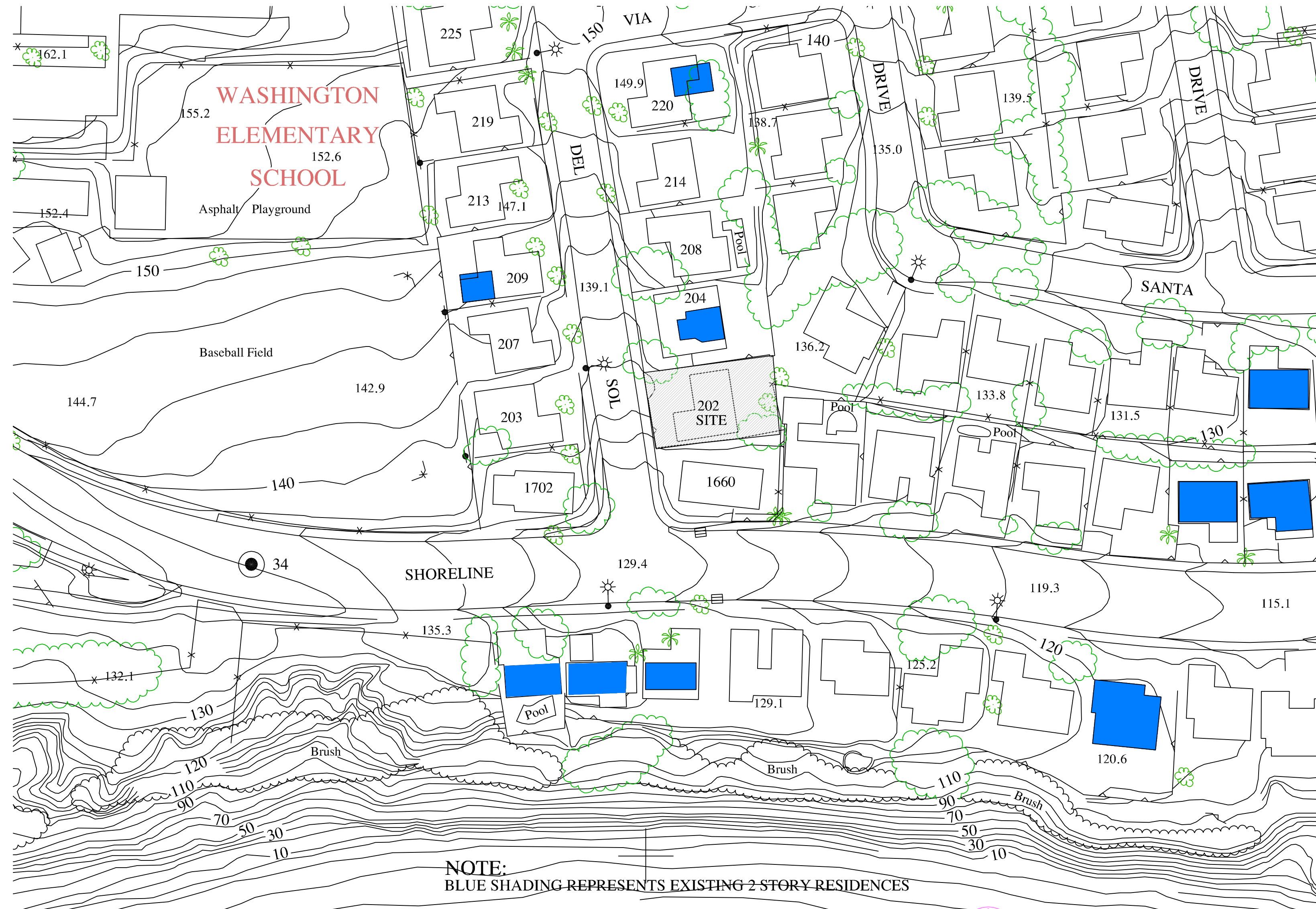
F.A.R. CALCULATOR

ENTER Project Address:	202 Salida Del Sol
Is there a basement or cellar existing or proposed?	No
ENTER Proposed TOTAL Net FAR Floor Area (in sq. ft.):	2,934
ENTER Zone ONLY from drop-down list:	E-3 or RS-7.5
ENTER Net Lot Area (in sq. ft.):	7,968
Is the height of existing or proposed buildings 17 feet or greater?	Yes
Are existing or proposed buildings two stories or greater?	Yes
The FAR Requirements are:	REQUIRED**
ENTER Average Slope of Lot:	7.00%
Does the height of existing or proposed buildings exceed 25 feet?	No
Is the site in the Hillside Design District?	No
Does the project include 500 or more cu. yds. of grading outside the main building footprint?	No
An FAR MOD is not required per SBMC §28.15 or §30.20.030	
FLOOR AREA RATIO (FAR):	0.368
Lot Size Range:	4,000 - 9,999 sq. ft.
MAX FAR Calculation (in sq. ft.):	1,200 * (0.25 x lot size in sq. ft.)
100% MAX FAR:	0.401
100% MAX FAR (in sq. ft.):	3,192
85% of MAX FAR (in sq. ft.):	2,713
80% of MAX FAR (in sq. ft.):	2,554
The 2934 square foot proposed total is 92% of the MAX FAR.*	

* NOTE: Percentage total is rounded up.
**NOTE: If your project is located on a site with multiple or overlay zones, please contact Planning Staff to confirm whether the FAR limitations are "Required" or "Guidelines".

Acresage Conversion Calculator

ENTER Acres to Convert to square footage:	1.00
Net Lot Area (in sq. ft.):	43560



NOTE: BLUE SHADING REPRESENTS EXISTING 2-STORY RESIDENCES

SITE OVERVIEW PLAN

J. GRANT DESIGN STUDIO
DESIGN RENDERING PLANNING
3040 STATE STREET SUITE "E"
SANTA BARBARA, CA 93105
PH (805) 682-1141
FAX (805) 682-0586
E-MAIL: JGRANTDESIGNSTUDIO@GMAIL.COM
4-10-21
DATE: JASON GRANT

COVER SHEET

SHEET DESCRIPTION

QUINN RESIDENCE
202 SALIDA DEL SOL
SANTA BARBARA

PROJECT ADDRESS

REVISIONS

DATE	DESCRIPTION
3-26-24	ADDRESS PLANNER COMMENTS
	SFBP PROJECT APPROVAL
7-18-24	COMPLETE BID SET
8-01-24	ARCH FINAL APPROVAL SET

JOB #	202
CAD FILE	202PLAN16.DWG
TECHNICIAN	
DATE	7-28-24

SHEET

COVER

1 OF SHEETS



2022 CALIFORNIA GREEN BUILDING STANDARDS CODE RESIDENTIAL MANDATORY MEASURES, SHEET 1 (January 2023)

Y = YES, N/A = NOT APPLICABLE, RESPON. PARTY = RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER, OWNER, CONTRACTOR, INSPECTOR ETC.)

CHAPTER 3 GREEN BUILDING SECTION 301 GENERAL 301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. 301.1.1 Additions and alterations. [HCD] The mandatory provisions of Chapter 4 shall be applied to additions or alterations of existing residential buildings...

4.106.4.2 New multifamily dwellings, hotels and motels and new residential parking facilities. When parking is provided, parking spaces for new multifamily dwellings, hotels and motels shall meet the requirements of Sections 4.106.4.2.1 and 4.106.4.2.2. 4.106.4.2.1 Multifamily development projects with less than 20 dwelling units; and hotels and motels with less than 20 sleeping units or guest rooms. The number of dwelling units, sleeping units or guest rooms shall be based on all buildings on a project site subject to this section.

4.106.4.2.4 Identification. The service panel or subpanel circuit directory shall identify the overcurrent protective device space(s) reserved for future EV charging purposes as "EV CAPABLE". 4.106.4.2.5 Electric Vehicle Ready Space Signage. Electric vehicle ready spaces shall be identified by signage or pavement markings. 4.106.4.3 Electric vehicle charging for additions and alterations of parking facilities serving existing multifamily buildings. When new parking facilities are added, or electrical systems or lighting of existing parking facilities are added or altered...

4.304 OUTDOOR WATER USE 4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent. 4.304 OUTDOOR WATER USE 4.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Residential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.

MAXIMUM INCREMENTAL REACTIVITY (MIR). The maximum change in weight of ozone formed by adding a compound to the Base Reactant Organic Gas (ROG) Mixture per weight of compound added, expressed to hundredths of a gram (g O₃/g ROG).
Note: MIR values for individual compounds and hydrocarbon solvents are specified in CCR, Title 17, Sections 94700 and 94701.

MOISTURE CONTENT. The weight of the water in wood expressed in percentage of the weight of the oven-dry wood.

PRODUCT-WEIGHTED MIR (PWMIR). The sum of all weighted-MIR for all ingredients in a product subject to this article. The PWMIR is the total product reactivity expressed to hundredths of a gram of ozone formed per gram of product (excluding container and packaging).
Note: PWMIR is calculated according to equations found in CCR, Title 17, Section 94521 (a).

REACTIVE ORGANIC COMPOUND (ROC). Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.

VOC. A volatile organic compound (VOC) broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508(a).

4.503 FIREPLACES
4.503.1 GENERAL. Any installed gas fireplace shall be a direct-vent sealed-combustion type. Any installed woodstove or pellet stove shall comply with U.S. EPA New Source Performance Standards (NSPS) emission limits as applicable, and shall have a permanent label indicating they are certified to meet the emission limits. Woodstoves, pellet stoves and fireplaces shall also comply with applicable local ordinances.

4.504 POLLUTANT CONTROL
4.504.1 COVERING OF DUCT OPENINGS & PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION. At the time of rough installation, during storage on the construction site and until final startup of the heating, cooling and ventilating equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheet metal or other methods acceptable to the enforcing agency to reduce the amount of water, dust or debris which may enter the system.

4.504.2 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with this section.

4.504.2.1 Adhesives, Sealants and Caulks. Adhesives, sealant and caulks used on the project shall meet the requirements of the following standards unless more stringent local or regional air pollution or air quality management district rules apply:

- Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable or SCAQMD Rule 1168 VOC limits, as shown in Table 4.504.1 or 4.504.2, as applicable. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products, as specified in Subsection 2 below.
- Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than 1 pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with section 94507.

4.504.2.2 Paints and Coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Suggested Control Measure, as shown in Table 4.504.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 4.504.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in subsections 4.21, 4.36, and 4.37 of the 2007 California Air Resources Board, Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 4.504.3 shall apply.

4.504.2.3 Aerosol Paints and Coatings. Aerosol paints and coatings shall meet the Product-weighted MIR Limits for ROC in Section 94522(a)(2) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(e)(1) and (f)(1) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8, Rule 49.

4.504.2.4 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

- Manufacturer's product specification.
- Field verification of on-site product containers.

TABLE 4.504.1 - ADHESIVE VOC LIMIT _{1,2}	
(Less Water and Less Exempt Compounds in Grams per Liter)	
ARCHITECTURAL APPLICATIONS	VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVE	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

- IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.
- FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

TABLE 4.504.2 - SEALANT VOC LIMIT	
(Less Water and Less Exempt Compounds in Grams per Liter)	
SEALANTS	VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NON-POROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

TABLE 4.504.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS _{1,2}	
GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS	
COATING CATEGORY	VOC LIMIT
FLAT COATINGS	50
NON-FLAT COATINGS	100
NONFLAT-HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS ₁	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

- GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS
- THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.
- VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

TABLE 4.504.5 - FORMALDEHYDE LIMITS:	
MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION	
PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD ₂	0.13

- VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIF. AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIF. CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.
- THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16" (8 MM).

DIVISION 4.5 ENVIRONMENTAL QUALITY (continued)

4.504.3 CARPET SYSTEMS. All carpet installed in the building interior shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specification 01350)

See California Department of Public Health's website for certification programs and testing labs.

<https://www.cdph.ca.gov/Programs/CCDPHP/DEODD/EHLBI/AQ/Pages/VOC.aspx>.

4.504.3.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specification 01350)

See California Department of Public Health's website for certification programs and testing labs.

<https://www.cdph.ca.gov/Programs/CCDPHP/DEODD/EHLBI/AQ/Pages/VOC.aspx>.

4.504.3.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 4.504.1.

4.504.4 RESILIENT FLOORING SYSTEMS. Where resilient flooring is installed, at least 80% of floor area receiving resilient flooring shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specification 01350)

See California Department of Public Health's website for certification programs and testing labs.

<https://www.cdph.ca.gov/Programs/CCDPHP/DEODD/EHLBI/AQ/Pages/VOC.aspx>.

4.504.5 COMPOSITE WOOD PRODUCTS. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure for Composite Wood (17CCR 93120 et seq.), by or before the dates specified in those sections, as shown in Table 4.504.5

4.504.5.1 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

- Product certifications and specifications.
- Chain of custody certifications.
- Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
- Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2209, European 636 3S standards, and Canadian CSA 0121, CSA 0151, CSA 0153 and CSA 0325 standards.
- Other methods acceptable to the enforcing agency.

4.505 INTERIOR MOISTURE CONTROL

4.505.1 General. Buildings shall meet or exceed the provisions of the California Building Standards Code.

4.505.2 CONCRETE SLAB FOUNDATIONS. Concrete slab foundations required to have a vapor retarder by California Building Code, Chapter 19, or concrete slab-on-ground floors required to have a vapor retarder by the California Residential Code, Chapter 5, shall also comply with this section.

4.505.2.1 Capillary break. A capillary break shall be installed in compliance with at least one of the following:

- A 4-inch (101.6 mm) thick base of 1/2 inch (12.7mm) or larger clean aggregate shall be provided with a vapor barrier in direct contact with concrete and a concrete mix design, which will address bleeding, shrinkage, and curling, shall be used. For additional information, see American Concrete Institute, ACI 302.2R-06.
- Other equivalent methods approved by the enforcing agency.
- A slab design specified by a licensed design professional.

4.505.3 MOISTURE CONTENT OF BUILDING MATERIALS. Building materials with visible signs of water damage shall not be installed. Wall and floor framing shall not be enclosed when the framing members exceed 19 percent moisture content. Moisture content shall be verified in compliance with the following:

- Moisture content shall be determined with either a probe-type or contact-type moisture meter. Equivalent moisture verification methods may be approved by the enforcing agency and shall satisfy requirements found in Section 101.8 of this code.
- Moisture readings shall be taken at a point 2 feet (610 mm) to 4 feet (1219 mm) from the grade stamped end of each piece verified.
- At least three random moisture readings shall be performed on wall and floor framing with documentation acceptable to the enforcing agency provided at the time of approval to enclose the wall and floor framing.

Insulation products which are visibly wet or have a high moisture content shall be replaced or allowed to dry prior to enclosure in wall or floor cavities. Wet-applied insulation products shall follow the manufacturers' drying recommendations prior to enclosure.

4.506 INDOOR AIR QUALITY AND EXHAUST

4.506.1 Bathroom exhaust fans. Each bathroom shall be mechanically ventilated and shall comply with the following:

- Fans shall be ENERGY STAR compliant and be ducted to terminate outside the building.
- Unless functioning as a component of a whole house ventilation system, fans must be controlled by a humidity control.
 - Humidity controls shall be capable of adjustment between a relative humidity range less than or equal to 50% to a maximum of 80%. A humidity control may utilize manual or automatic means of adjustment.
 - A humidity control may be a separate component to the exhaust fan and is not required to be integral (i.e., built-in)

Notes:

- For the purposes of this section, a bathroom is a room which contains a bathtub, shower or tub/shower combination.
- Lighting integral to bathroom exhaust fans shall comply with the California Energy Code.

4.507 ENVIRONMENTAL COMFORT

4.507.2 HEATING AND AIR CONDITIONING SYSTEM DESIGN. Heating and air conditioning systems shall be sized, designed and have their equipment selected using the following methods:

- The heat loss and heat gain is established according to ANSI/ACCA 2 Manual J - 2011 (Residential Load Calculation), ASHRAE handbooks or other equivalent design software or methods.
- Duct systems are sized according to ANSI/ACCA 1 Manual D - 2014 (Residential Duct Systems), ASHRAE handbooks or other equivalent design software or methods.
- Select heating and cooling equipment according to ANSI/ACCA 3 Manual S - 2014 (Residential Equipment Selection), or other equivalent design software or methods.

Exception: Use of alternate design temperatures necessary to ensure the system functions are acceptable.

CHAPTER 7 INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

702 QUALIFICATIONS

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

- State certified apprenticeship programs.
- Public utility training programs.
- Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
- Programs sponsored by manufacturing organizations.
- Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

- Certification by a national or regional green building program or standard publisher.
- Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
- Successful completion of a third party apprentice training program in the appropriate trade.
- Other programs acceptable to the enforcing agency.

Notes:

- Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
- HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

[BSC] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS

703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.

EXISTING SITE PLAN

QUINN RESIDENCE
202 SALIDA DEL SOL
SANTA BARBARA

SHEET DESCRIPTION

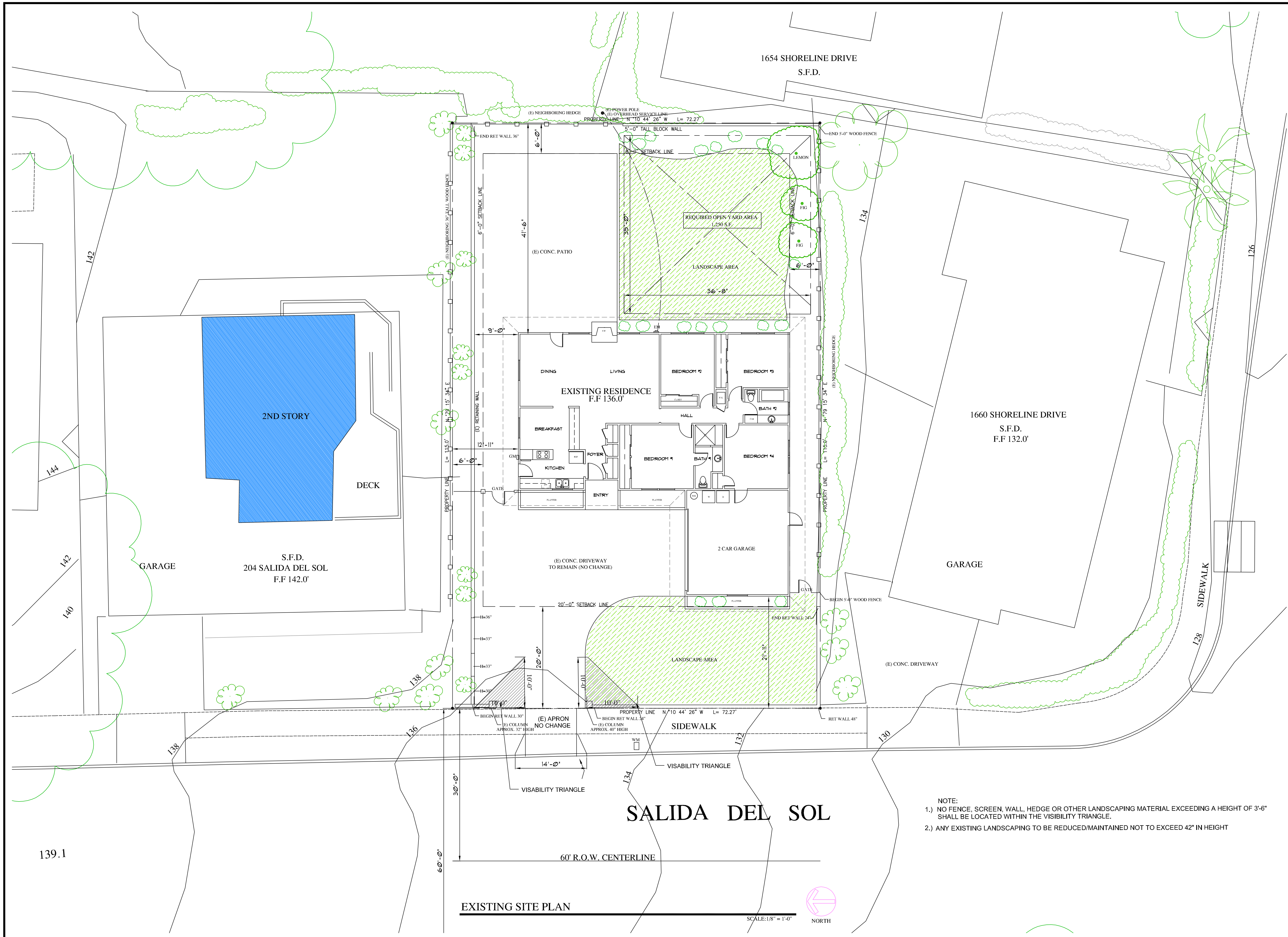
PROJECT ADDRESS

REVISIONS

DATE	REVISIONS
3-26-24	VISIBILITY TRIANGLES

JOB #	202
CAD FILE	
TECHNICIAN	
DATE	7-11-24

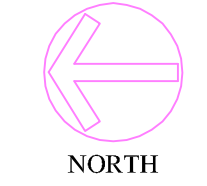
SHEET	A-1
OF SHEETS	



NOTE:
1.) NO FENCE, SCREEN, WALL, HEDGE OR OTHER LANDSCAPING MATERIAL EXCEEDING A HEIGHT OF 3'-6" SHALL BE LOCATED WITHIN THE VISIBILITY TRIANGLE.
2.) ANY EXISTING LANDSCAPING TO BE REDUCED/MAINTAINED NOT TO EXCEED 42" IN HEIGHT

EXISTING SITE PLAN

SCALE: 1/8" = 1'-0"



EXISTING PLANS & ELEVATIONS

SHEET DESCRIPTION

QUINN RESIDENCE
202 SALIDA DEL SOL
SANTA BARBARA

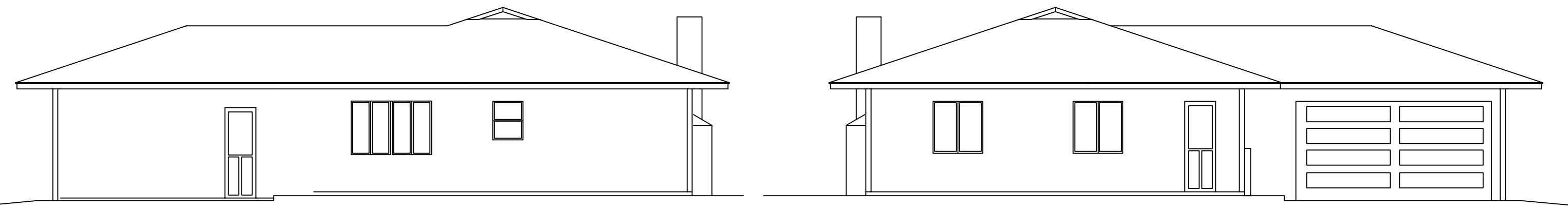
PROJECT ADDRESS

REVISIONS	
DATE	
JOB #	202
CAD FILE	
TECHNICIAN	
DATE	2-06-24



EXISTING EAST ELEVATION

SCALE: 1/8" = 1'-0"

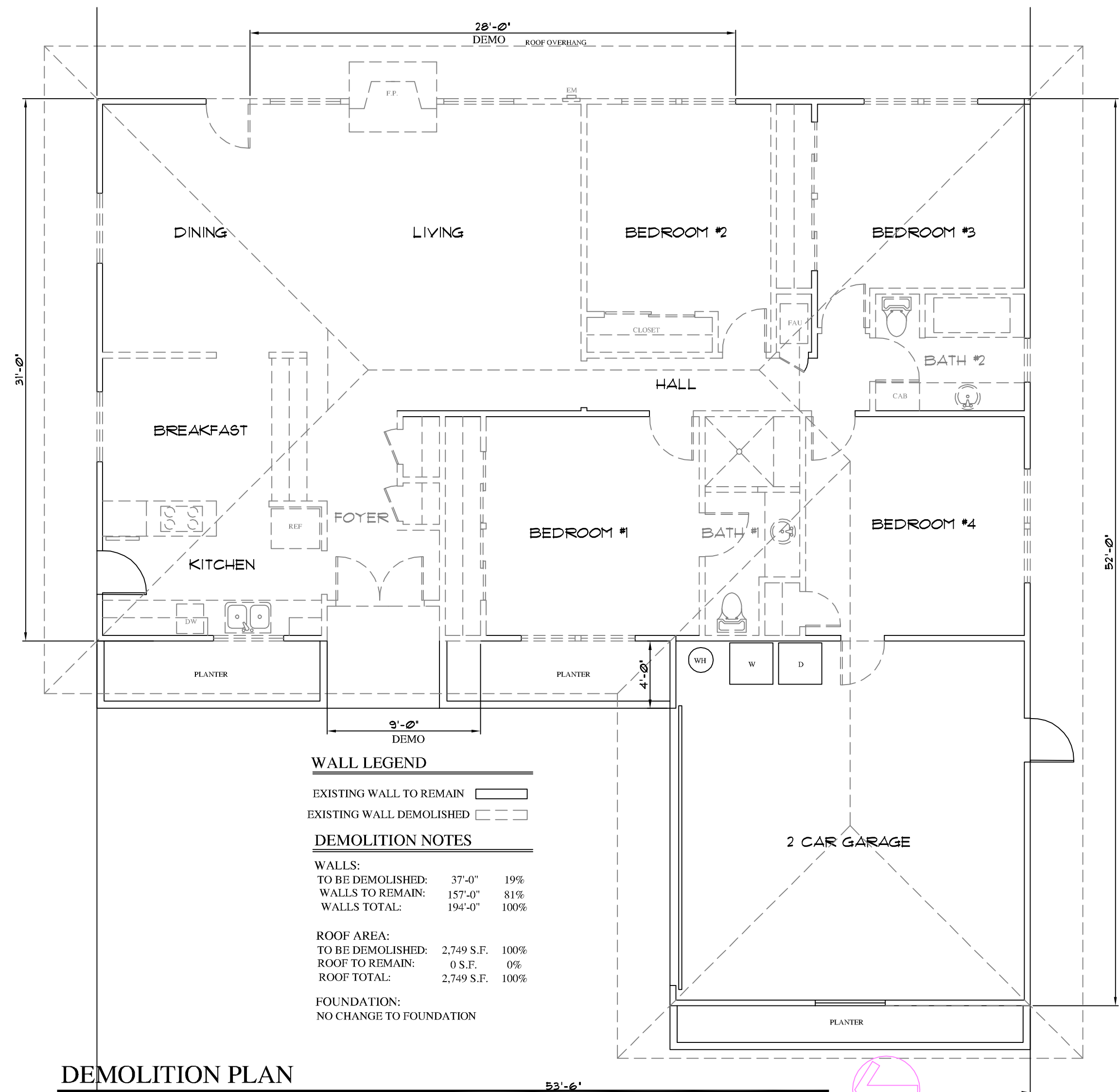


EXISTING SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

EXISTING NORTH ELEVATION

SCALE: 1/8" = 1'-0"



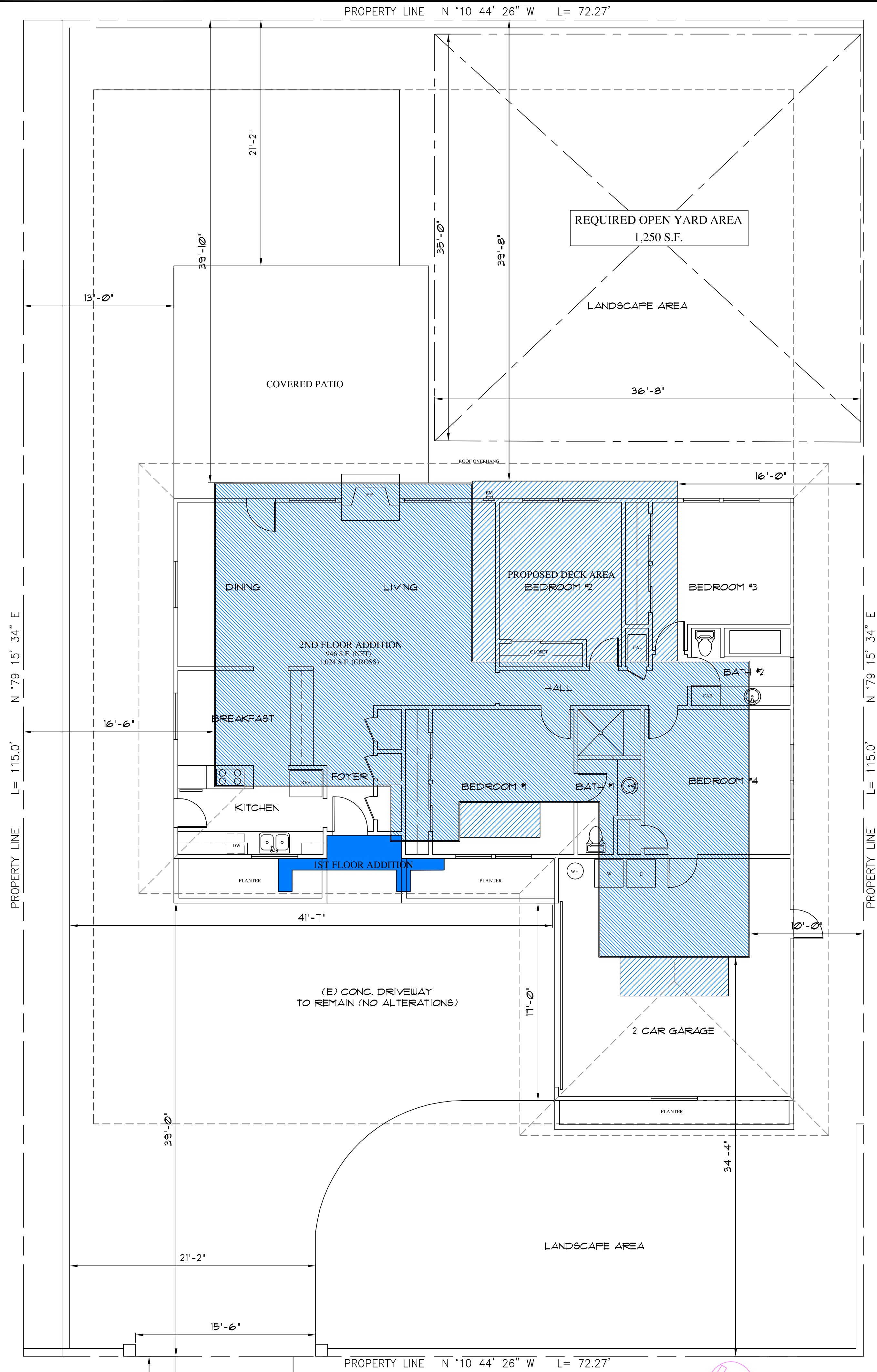
DEMOLITION PLAN

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



EXISTING WEST ELEVATION

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

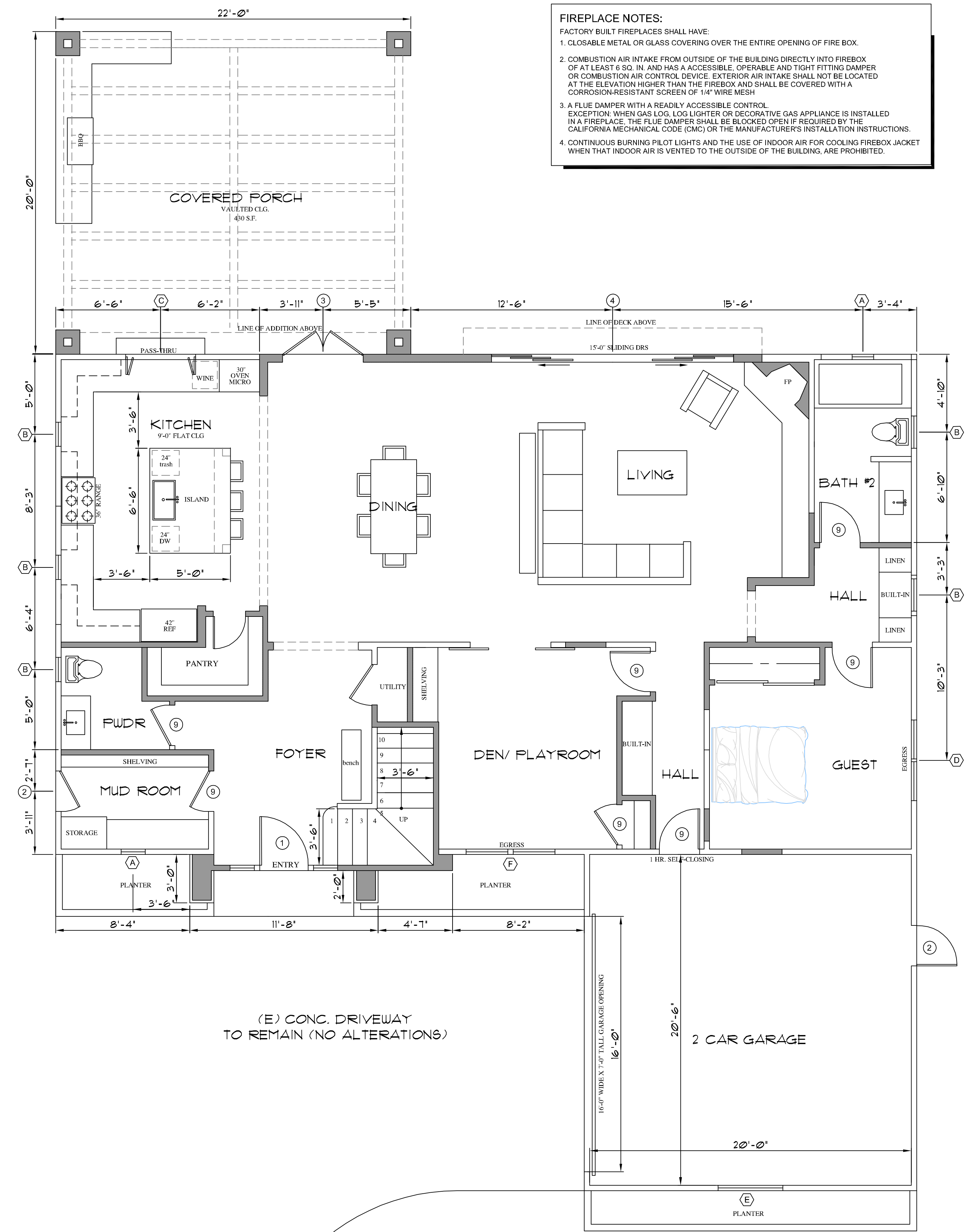


EXISTING FLOOR PLAN WITH PROPOSED OVERLAY

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

FIREPLACE NOTES:
 FACTORY BUILT FIREPLACES SHALL HAVE:
 1. CLOSABLE METAL OR GLASS COVERING OVER THE ENTIRE OPENING OF FIRE BOX.
 2. COMBUSTION AIR INTAKE FROM OUTSIDE OF THE BUILDING DIRECTLY INTO FIREBOX OF AT LEAST 6 SQ. IN. AND HAS A ACCESSIBLE, OPERABLE AND TIGHT FITTING DAMPER OR COMBUSTION AIR CONTROL DEVICE. EXTERIOR AIR INTAKE SHALL NOT BE LOCATED AT THE ELEVATION HIGHER THAN THE FIREBOX AND SHALL BE COVERED WITH A CORROSION-RESISTANT SCREEN OF 1/4" WIRE MESH.
 3. A FLUE DAMPER WITH A READILY ACCESSIBLE CONTROL. EXCEPTION: WHEN GAS LOG, LOG LIGHTER OR DECORATIVE GAS APPLIANCE IS INSTALLED IN A FIREPLACE, THE FLUE DAMPER SHALL BE BLOCKED OPEN IF REQUIRED BY THE CALIFORNIA MECHANICAL CODE (CMC) OR THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 4. CONTINUOUS BURNING PILOT LIGHTS AND THE USE OF INDOOR AIR FOR COOLING FIREBOX JACKET WHEN THAT INDOOR AIR IS VENTED TO THE OUTSIDE OF THE BUILDING, ARE PROHIBITED.

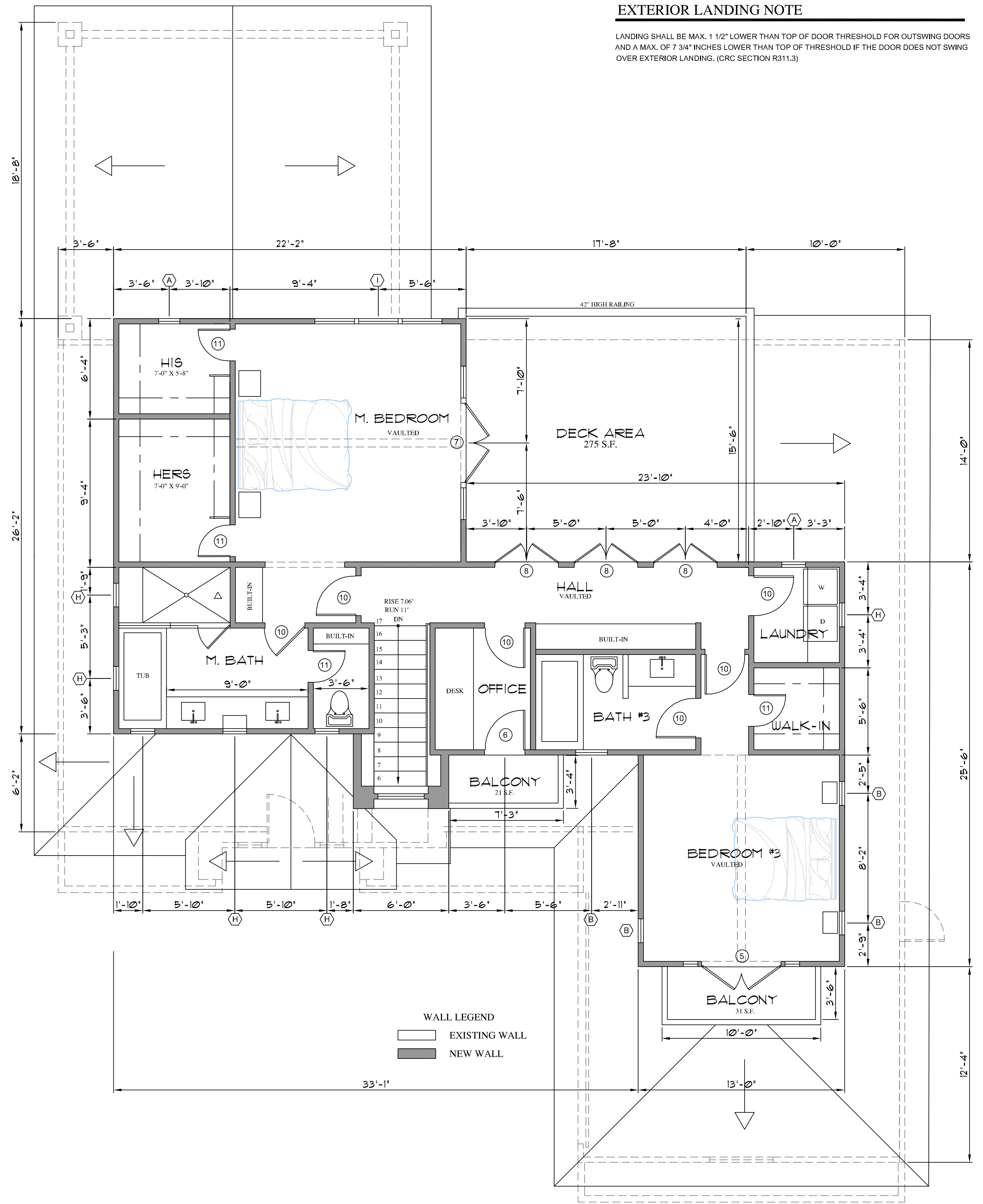
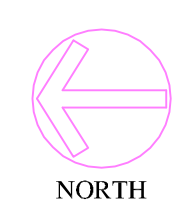
EXTERIOR LANDING NOTE
 LANDING SHALL BE MAX. 1 1/2" LOWER THAN TOP OF DOOR THRESHOLD FOR OUTSWING DOORS AND A MAX. OF 7 3/4" INCHES LOWER THAN TOP OF THRESHOLD IF THE DOOR DOES NOT SWING OVER EXTERIOR LANDING. (CRC SECTION R311.3)



(E) CONC. DRIVEWAY TO REMAIN (NO ALTERATIONS)

PROPOSED FIRST FLOOR PLAN

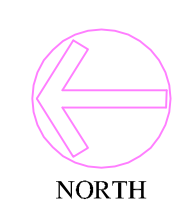
SCALE: 1/4" = 1'-0"



WALL LEGEND
 [Line] EXISTING WALL
 [Line] NEW WALL

PROPOSED SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"



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PROPOSED FLOOR PLAN

QUINN RESIDENCE
 202 SALIDA DEL SOL
 SANTA BARBARA

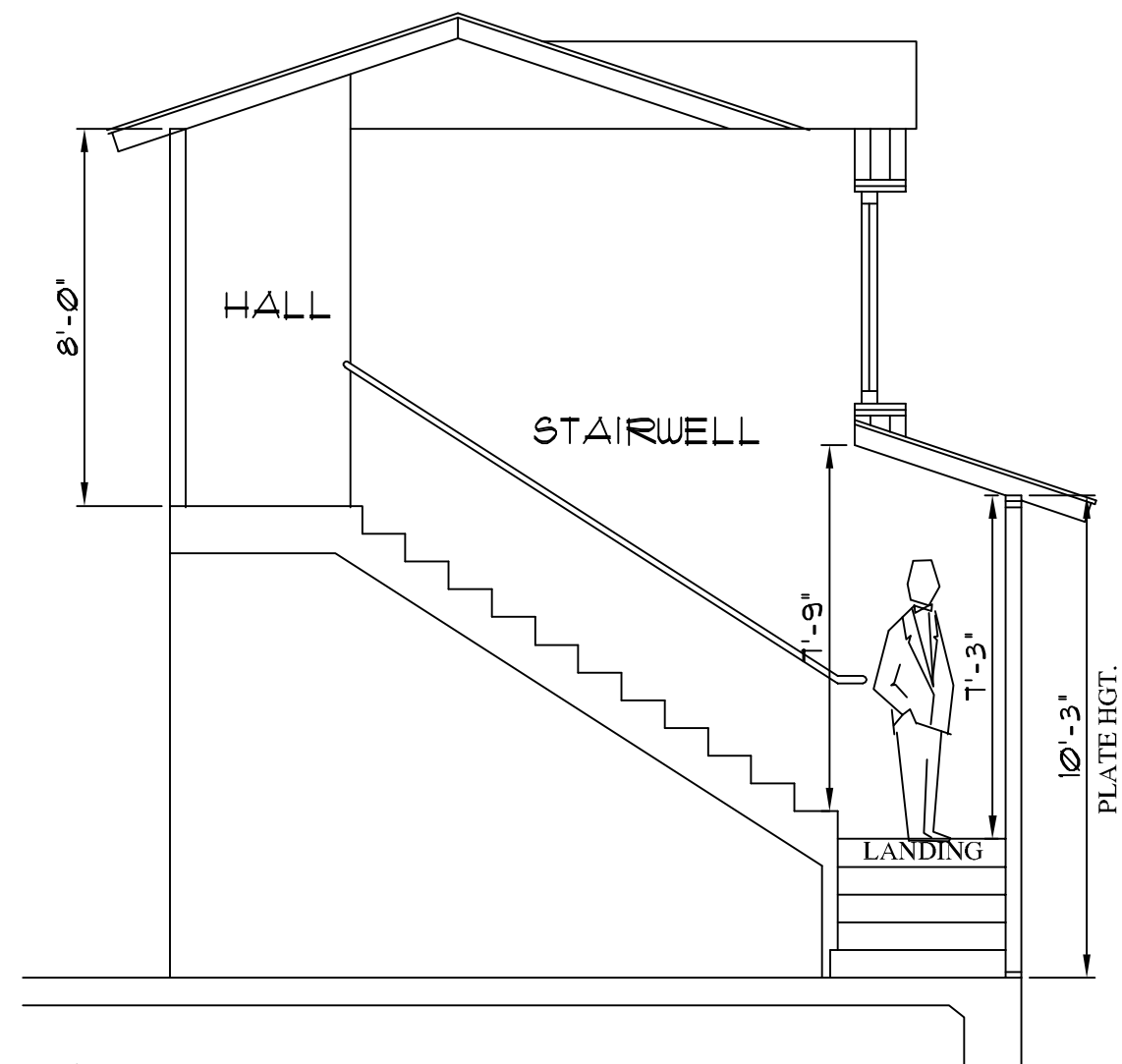
PROJECT ADDRESS

REVISIONS

DATE	DESCRIPTION

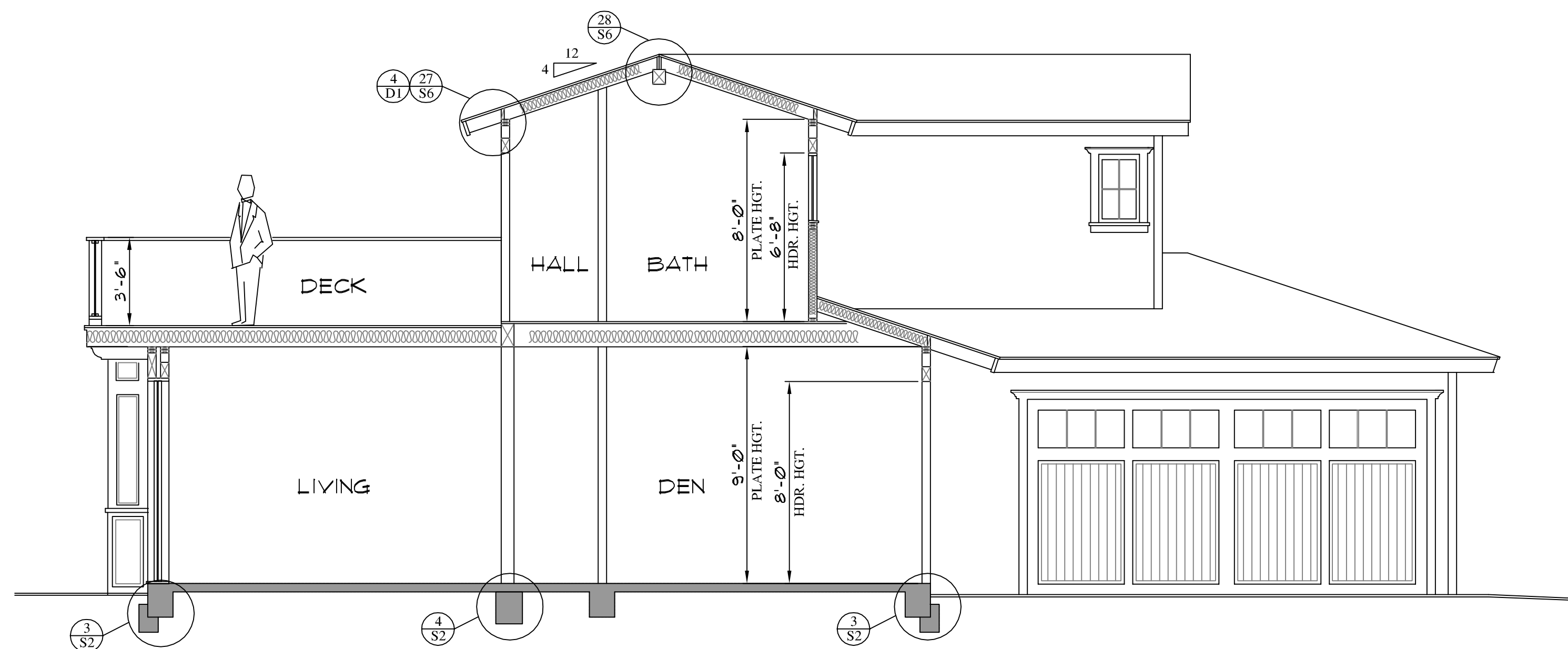
JOB #	202
CAD FILE	
TECHNICIAN	
DATE	7-11-24
SHEET	

A-3
 OF SHEETS



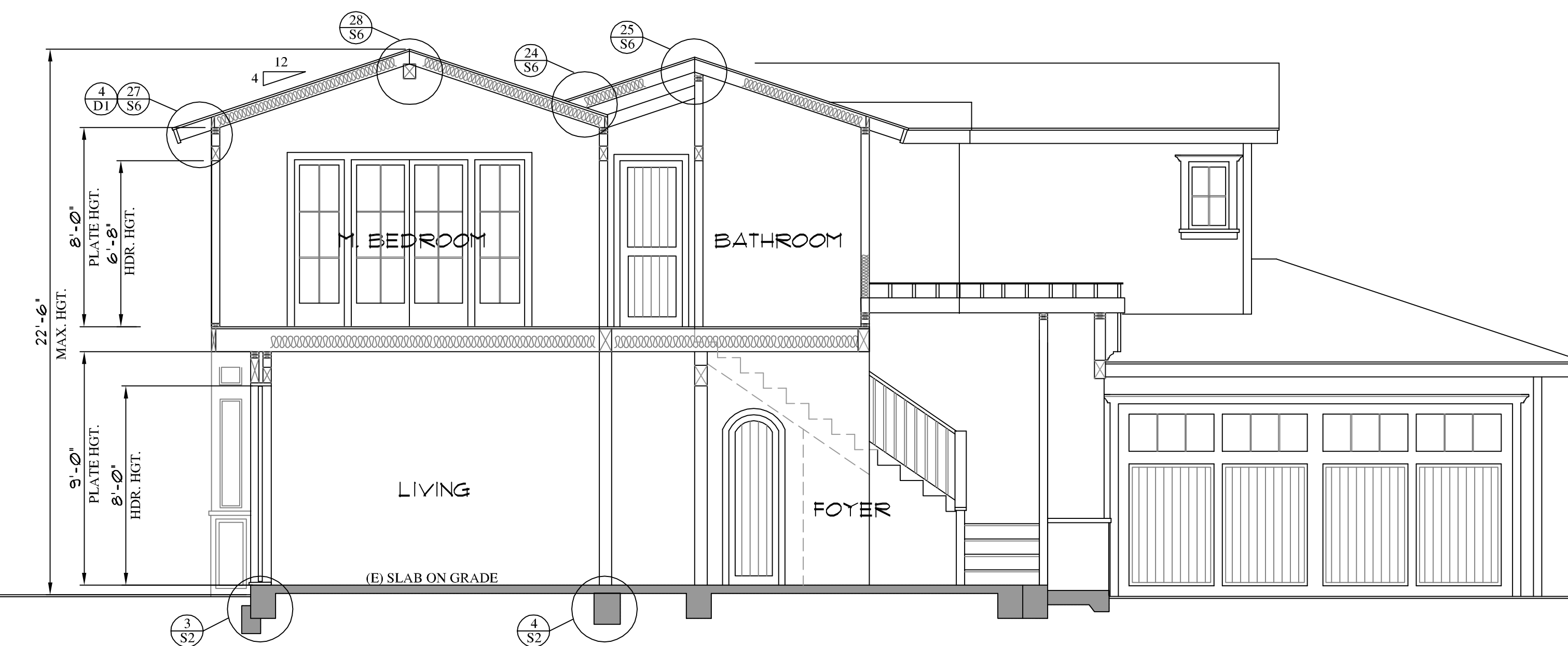
STAIR DETAIL

SCALE: 1/4" = 1'-0"



BUILDING SECTION A-A

SCALE: 1/4" = 1'-0"

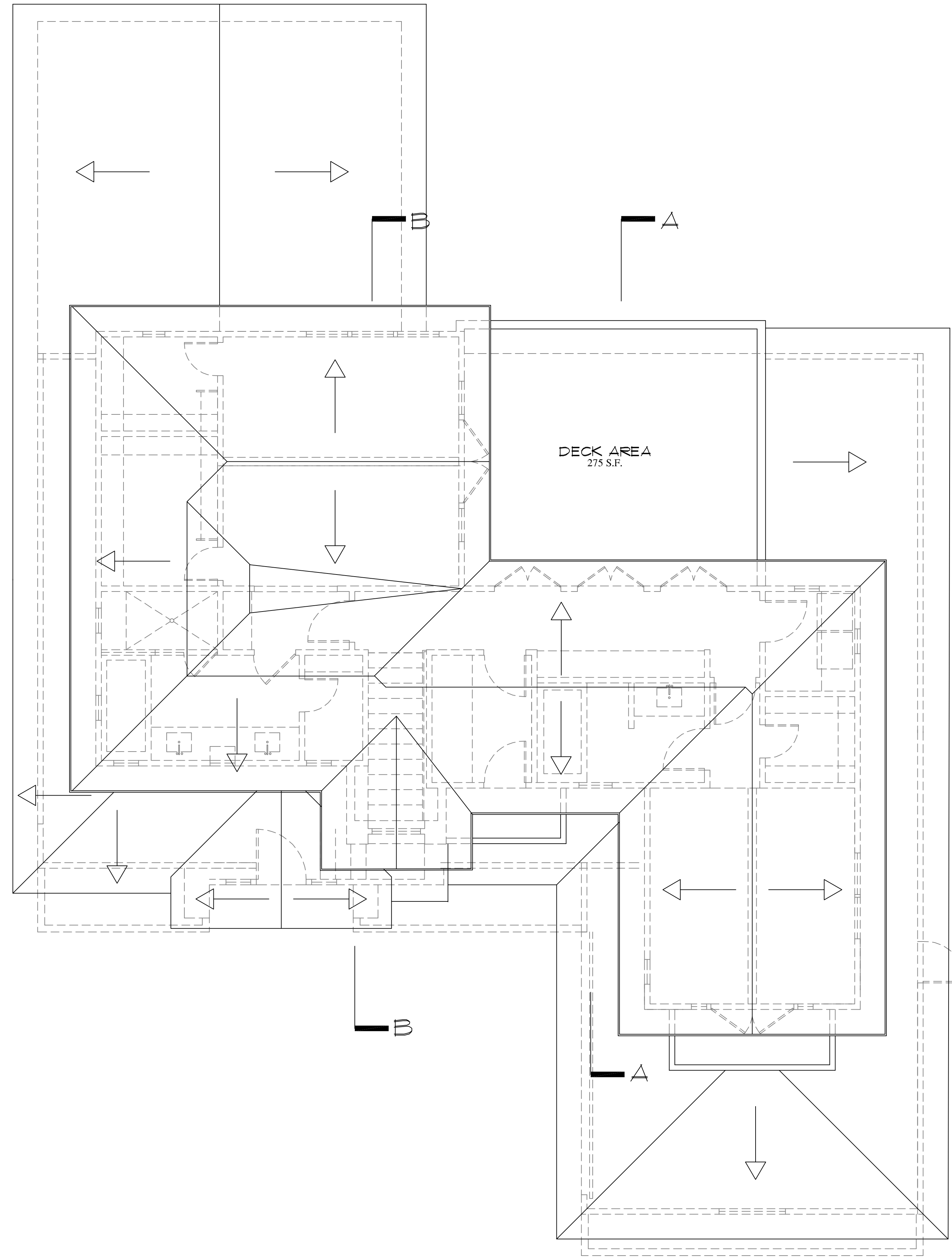


BUILDING SECTION B-B

SCALE: 1/4" = 1'-0"

VALLEY FLASHING NOTE

VALLEY FLASHINGS SUBJECT TO CRC SECTION R337 ARE NOT TO BE LESS THAN 26 GALVANIZED SHEET GAUGE CORROSION RESISTANT METAL INSTALLED OVER A MINIMUM 36" WIDE UNDERLAYMENT CONSISTING OF ONE LAYER OF MINIMUM 72 POUND MINERAL SURFACED NON-PERFORATED CAP SHEET COMPLYING WITH ASTM D 3909 INSTALLED OVER COMBUSTIBLE DECKING [CRC R337.5.3]



PROPOSED ROOF PLAN

SCALE: 1/4" = 1'-0"



J. GRANT DESIGN STUDIO
DESIGN RENDERING PLANNING
3040 STATE STREET SUITE "E"
SANTA BARBARA, CA 93105
PH (805) 682-1141
FAX (805) 682-0586
E-MAIL: JGRANTDESIGNSTUDIO@GMAIL.COM
JASON GRANT DATE

SHEET DESCRIPTION

PROPOSED ROOF PLAN

PROJECT ADDRESS

QUINN RESIDENCE
202 SALIDA DEL SOL
SANTA BARBARA

REVISIONS	
DATE	

JOB # 202
CAD FILE
TECHNICIAN
DATE 7-11-24
SHEET **A-4**
OF SHEETS



PROPOSED WEST ELEVATION

SCALE: 1/4" = 1'-0"



PROPOSED SOUTH ELEVATION

SCALE: 1/4" = 1'-0"



PROPOSED EAST ELEVATION

SCALE: 1/4" = 1'-0"

PROPOSED ELEVATIONS

SHEET DESCRIPTION

QUINN RESIDENCE
202 SALIDA DEL SOL
SANTA BARBARA

PROJECT ADDRESS

REVISIONS	
DATE	

JOB #	202
CAD FILE	
TECHNICIAN	
DATE	2-06-24

SHEET	A-5
OF SHEETS	

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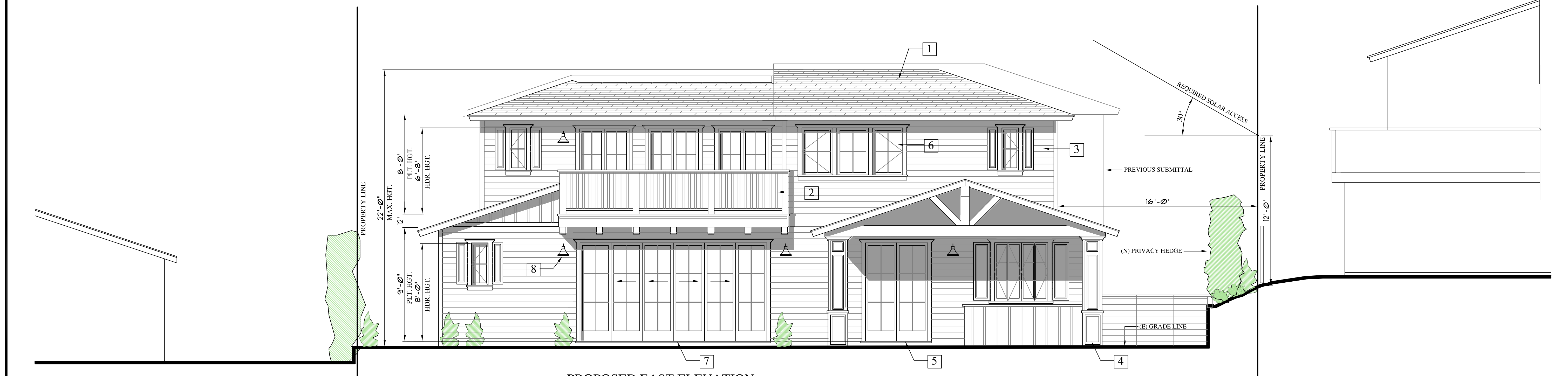


PROPOSED WEST ELEVATION

SCALE: 1/4" = 1'-0"



8
EXTERIOR LIGHT FIXTURE
MANUFACTURER: TIMBERLAND
COLOR: MATTE BLACK
W= 9 1/4" H= 9 1/2" LED 10 WATT
QUANTITY = 9 TOTAL



PROPOSED EAST ELEVATION

SCALE: 1/4" = 1'-0"

MATERIALS & COLORS:



1
PRESIDENTIAL ASPHALT SHINGLE ROOFING
CERTAINTED CLASS "A"
COLOR: SLATE GREY



2
BALCONY RAILING
POST & CAP COLOR: WHITE
2X PICKETS W/BASE & CAP

WHITE COLOR SPECIFICATIONS
COLOR ; BENJAMIN MOORE - WHITE SOFT CREAM #1205
VALUE = 9.28 CHROMA = 1.59 LRV = 84



3
HORIZONTAL SIDING
MANUFACTURER: HARDI-BOARD
COLOR: WHITE
FASCIA & WOOD TRIM DETAILS (COLOR: WHITE)



4
COLUMN CAP DETAIL
COLOR: WHITE



5
KOLBE & KOLBE
CASEMENT WINDOWS W/ WOOD TRIM
WOOD FRAME WITH CLAD EXTERIOR
COLOR: BLACK



6
KOLBE & KOLBE
CASEMENT WINDOWS W/ WOOD TRIM
WOOD FRAME WITH CLAD EXTERIOR
COLOR: BLACK



7
SLIDING PATIO DOORS W/ WOOD TRIM
WOOD FRAME WITH CLAD EXTERIOR
COLOR: BLACK

SHEET DESCRIPTION

PROPOSED ELEVATIONS

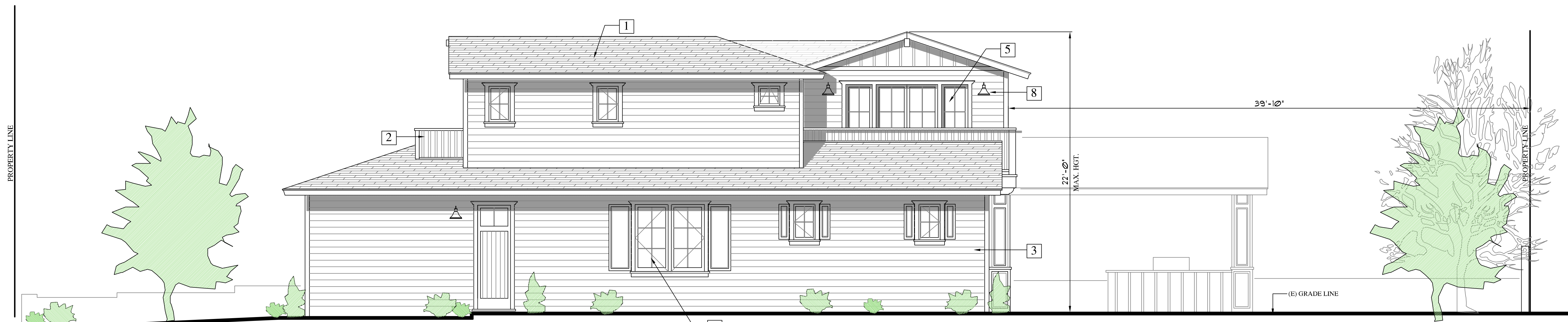
PROJECT ADDRESS

QUINN RESIDENCE
202 SALIDA DEL SOL
SANTA BARBARA

REVISIONS	
DATE	
JOB #	202
CAD FILE	
TECHNICIAN	
DATE	7-10-24
SHEET	A-6
OF	SHEETS

PROPOSED ELEVATIONS

QUINN RESIDENCE
202 SALIDA DEL SOL
SANTA BARBARA



PROPOSED SOUTH ELEVATION

SCALE: 1/4" = 1'-0"



EXTERIOR LIGHT FIXTURE
MANUFACTURER: TIMBERLAND
COLOR: MATTE BLACK
W= 9 1/4" H= 9 1/2" LED 10 WATT
QUANTITY = 9 TOTAL



PROPOSED NORTH ELEVATION

SCALE: 1/4" = 1'-0"

MATERIALS & COLORS:



1
PRESIDENTIAL ASPHALT SHINGLE ROOFING
CERTAINTEED CLASS "A"
COLOR: SLATE GREY



2
BALCONY RAILING
POST & CAP COLOR: WHITE
2X PICKETS W/BASE & CAP

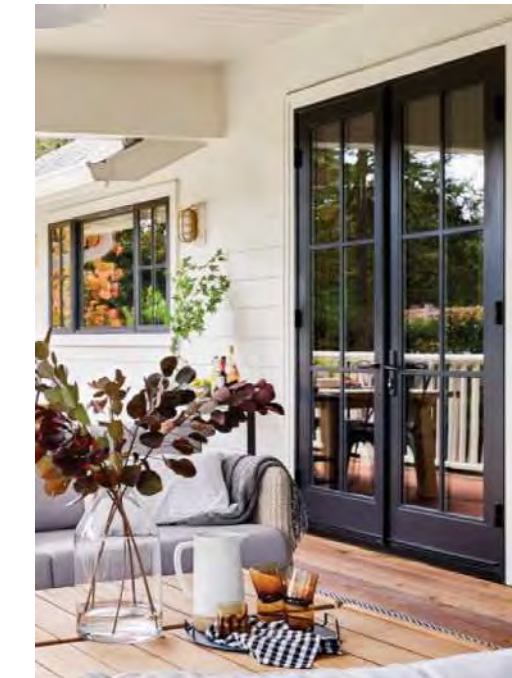
WHITE COLOR SPECIFICATIONS
COLOR : BENJAMIN MOORE - WHITE SOFT CREAM #1205
VALUE = 9.28 CHROMA = 1.59 LRV = 84



3
HORIZONTAL SIDING
MANUFACTURER: HARDI-BOARD
COLOR: WHITE
FASCIA & WOOD TRIM DETAILS (COLOR: WHITE)



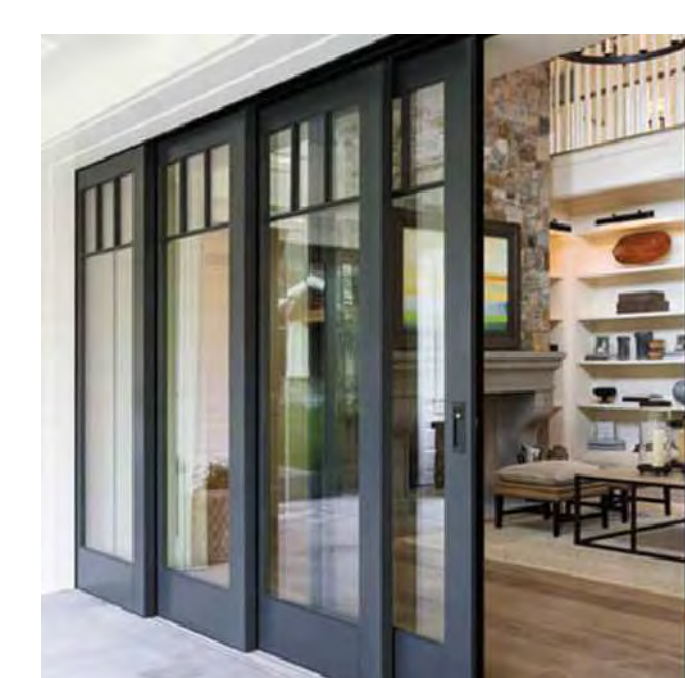
4
COLUMN CAP DETAIL
COLOR: WHITE



5
KOLBE & KOLBE
CASEMENT WINDOWS W/ WOOD TRIM
WOOD FRAME WITH CLAD EXTERIOR



6
KOLBE & KOLBE
CASEMENT WINDOWS W/ WOOD TRIM
WOOD FRAME WITH CLAD EXTERIOR



7
SLIDING PATIO DOORS W/ WOOD TRIM
WOOD FRAME WITH CLAD EXTERIOR

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SHEET DESCRIPTION

PROJECT ADDRESS

REVISIONS	
DATE	

JOB #	202
CAD FILE	
TECHNICIAN	
DATE	7-10-24
SHEET	A-7
OF	SHEETS

SCHEDULE OF DOORS											
SYMBOL	QTY.	TYPE	SIZE			HDR. HT	DETAILS			TEMP GLS. LEADED	REMARKS
			W	H	TH		HD	JMB	SILL		
①	1		6'-6"	X	8'-0"	8'-0"	WOOD			X	CUSTOM ENTRY DOOR W/ SIDE LITES (PER OWNER)
②	2		2'-6"	X	8'-0"	8'-0"	WOOD W/ CLAD			X	FRENCH DOOR
③	1		5'-0"	X	8'-0"	8'-0"	WOOD W/ CLAD			X	FRENCH DOORS
④	1		15'-0"	X	8'-0"	8'-0"	WOOD W/ CLAD			X	6 PANEL SLIDING DOOR SYSTEM
⑤	1		5'-0"	X	6'-8"	6'-8"	WOOD W/ CLAD			X	FRENCH DOORS W/ 12" WIDE SITE LITES
⑥	1		2'-6"	X	6'-8"	6'-8"	WOOD W/ CLAD			X	FRENCH DOOR
⑦	1		5'-0"	X	6'-8"	6'-8"	WOOD W/ CLAD			X	FRENCH DOORS W/ 24" WIDE OPERABLE SIDE LITES
⑧	3		4'-0"	X	6'-8"	6'-8"	WOOD W/ CLAD			X	FRENCH DOORS
⑨	7		2'-6"	X	8'-0"	8'-0"	SOLID CORE				3 PANEL INTERIOR DOOR (PER OWNER)
⑩	6		2'-6"	X	6'-8"	6'-8"	SOLID CORE				3 PANEL INTERIOR DOOR (PER OWNER)
⑪	4		2'-2"	X	6'-8"	6'-8"	SOLID CORE				3 PANEL INTERIOR DOOR (PER OWNER)
⑫											

SCHEDULE OF WINDOWS											
SYMBOL	QTY.	TYPE	SIZE			HDR. HT	DETAILS			TEMP LEADED	REMARKS
			W	H	TH		HD	JMB	SILL		
A	4		1'-6"	X	3'-6"	V	WOOD W/ CLAD			X	CASEMENT
B	10		1'-6"	X	2'-8"	V	WOOD W/ CLAD			X	CASEMENT
C	1		4'-0"	X	4'-8"	8'-0"	WOOD W/ CLAD			X	4 PANEL BI-FOLD SYSTEM
D	1		5'-0"	X	5'-0"	8'-0"	WOOD W/ CLAD			X	CASEMENT (EGRESS)
E	1		4'-0"	X	4'-8"	8'-0"	WOOD W/ CLAD			X	FIXED
F	1		5'-4"	X	4'-6"	8'-0"	WOOD W/ CLAD			X	CASEMENT (EGRESS)
G	1		3'-0"	X	4'-6"	6'-8"	WOOD W/ CLAD			X	FIXED
H	5		1'-6"	X	1'-6"	V	WOOD W/ CLAD			X	AWNING
I	1		8'-0"	X	3'-6"	6'-8"	WOOD W/ CLAD			X	CASEMENT - FIXED - CASEMENT
J											

DUAL PANE GLAZING TYPICAL
 U-FACTOR OF NEW GLAZING IS NOT TO EXCEED 0.30
 AND SHGC SHALL NOT EXCEED 0.25
 LABELS MUST REMAIN UNTIL FINAL INSPECTION

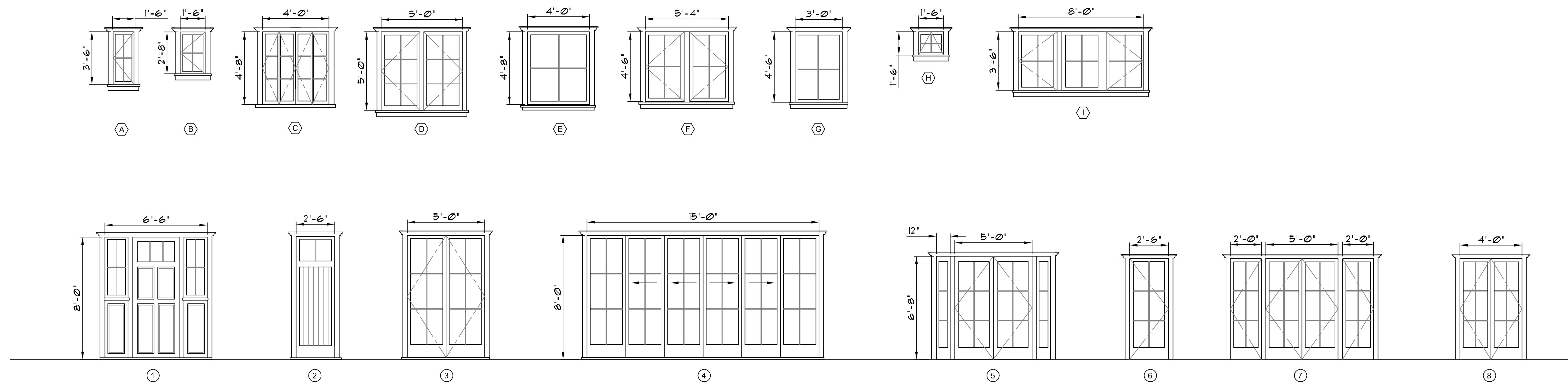
- DIMENSIONS ARE BASED ON ROUGH OPENING SIZES.
- VERIFY ALL DIMENSIONS, TYPES, AND FINISHES WITH OWNER/PROJECT MANAGER PRIOR TO ORDERING.

TEMPERED GLASS REQUIREMENTS:

ALL FIXED, SLIDING, OR SWINGING TYPE DOOR PANELS
 SHOWER AND BATHTUB ENCLOSURES AND WINDOWS LESS THAN 60" ABOVE FLOOR
 ALL FIXED PANELS EXCEEDING 9 SQ. FT. AND LOWER EDGE LESS THAN 18" ABOVE FINISH FLOOR
 WHERE VERTICLE EDGE IS WITHIN 24" OF A DOOR ON THE SAME WALL PLANE.

EGRESS REQUIREMENTS:

MINIMUM NET CLEAR OPENING 5.7 SQ. FT.
 MINIMUM CLEAR OPENING HEIGHT OF 24"
 MINIMUM CLEAR OPENING WIDTH OF 20"
 MINIMUM FINISH SILL HEIGHT OF 44"

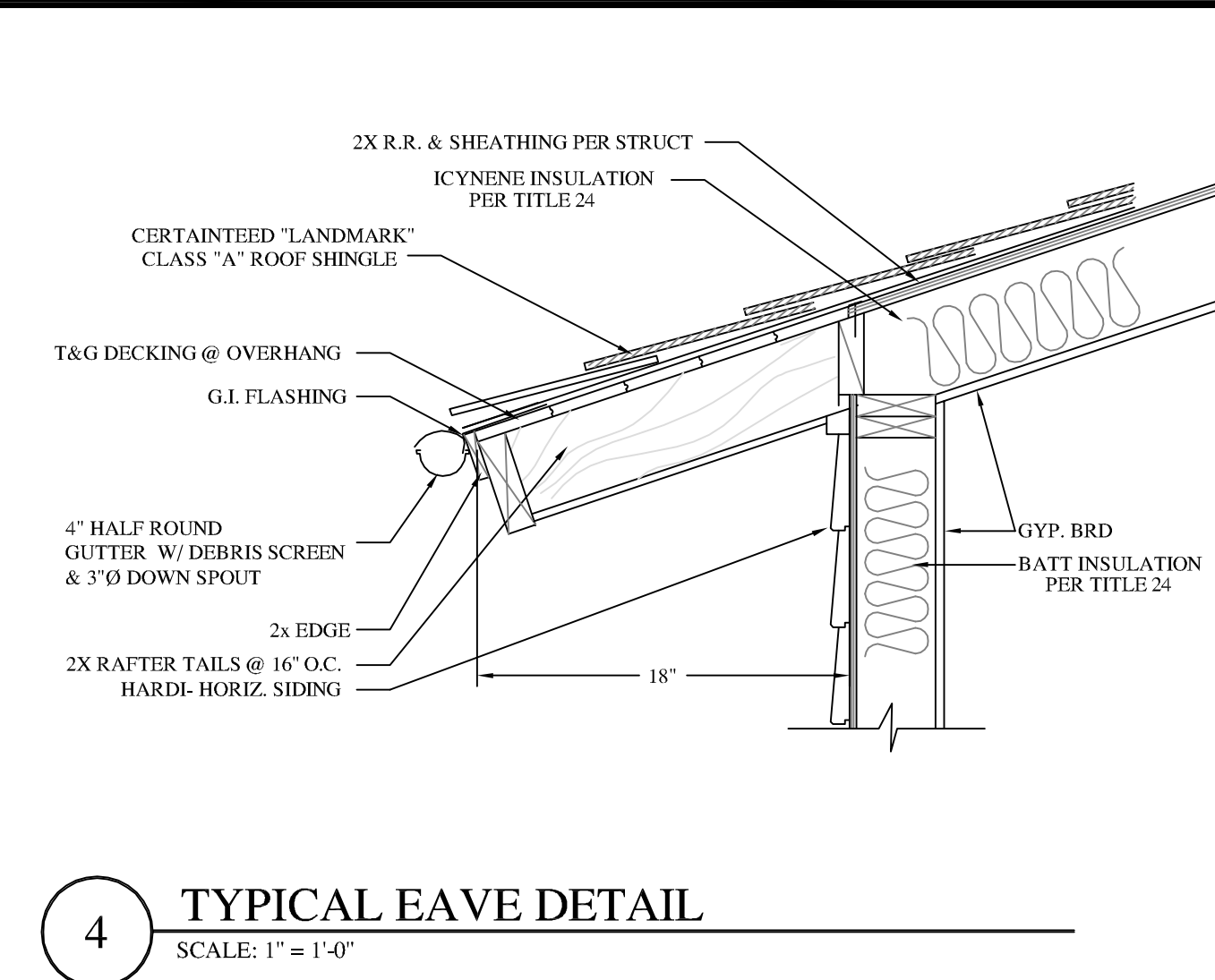


REVISIONS	
DATE	

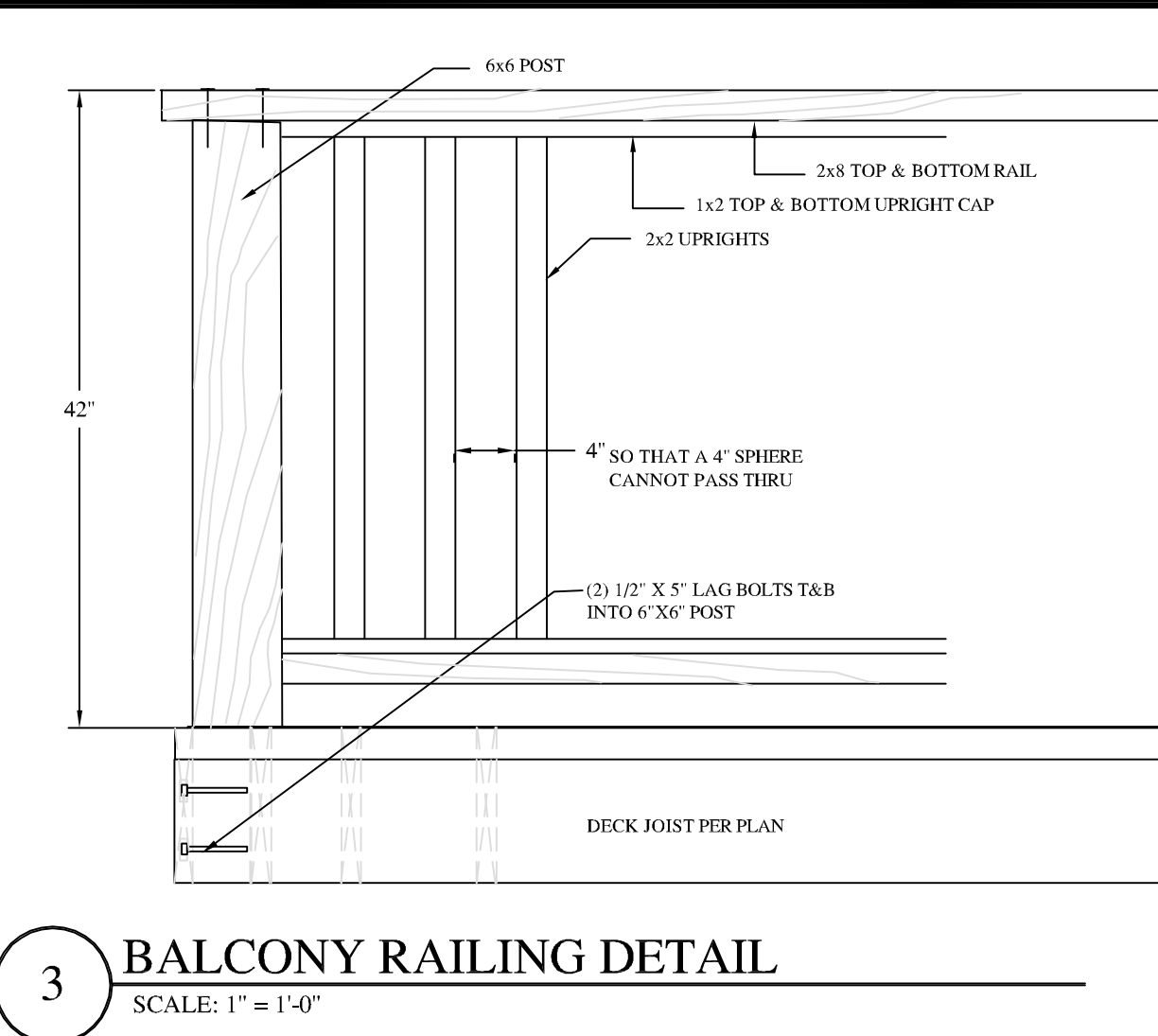
REVISIONS

DATE	
JOB #	202
CAD FILE	
TECHNICIAN	
DATE	2-06-24

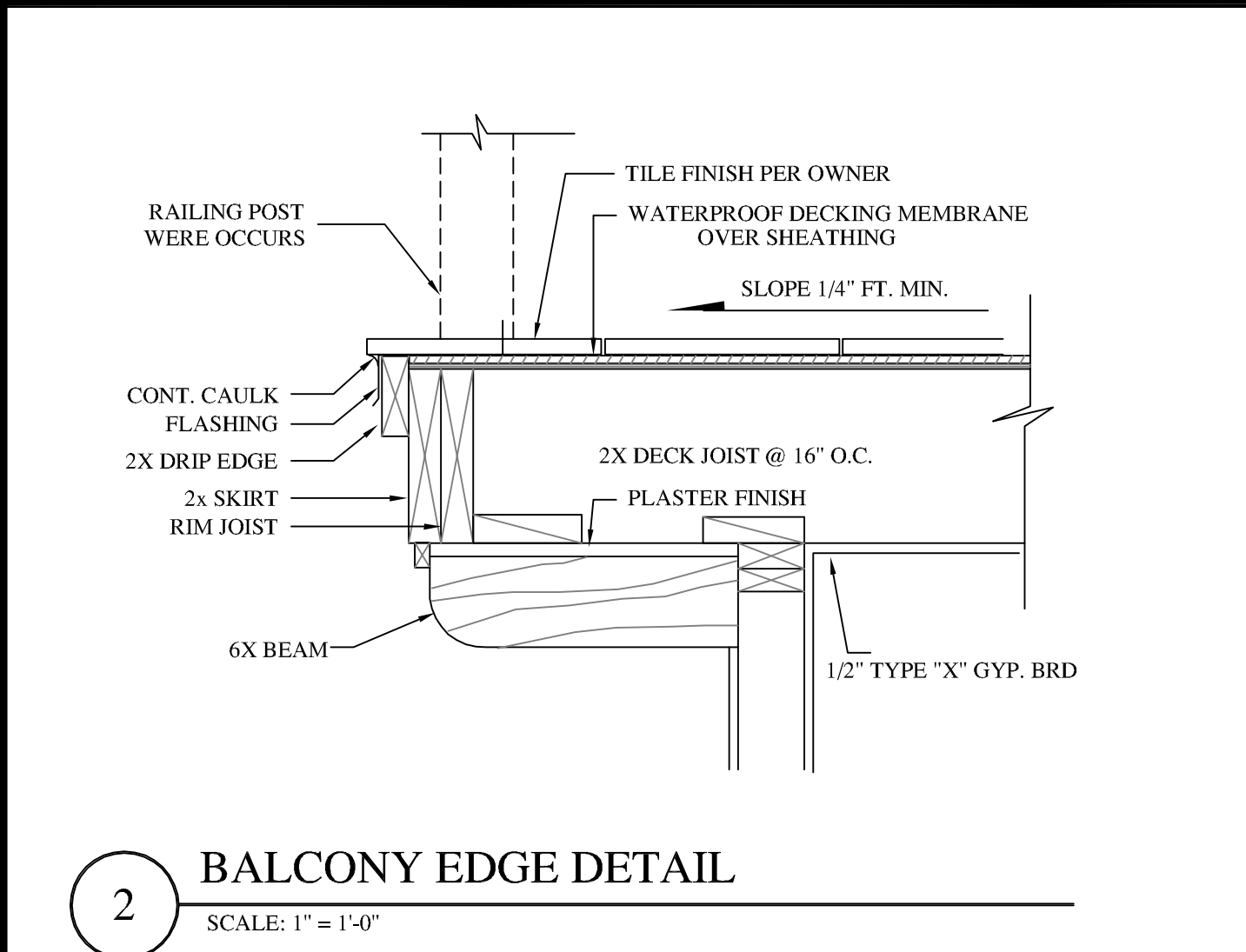
D-1



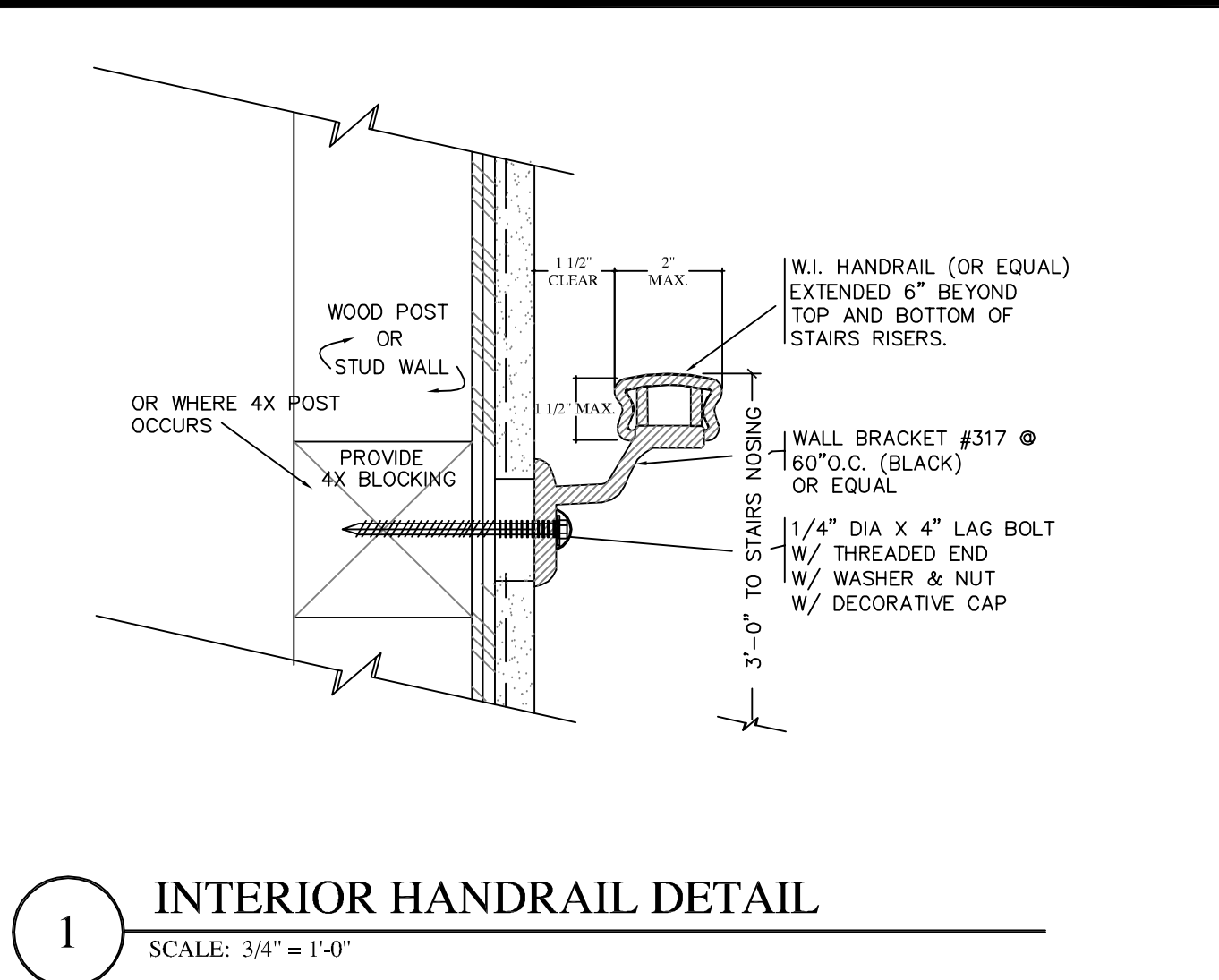
4 TYPICAL EAVE DETAIL
SCALE: 1" = 1'-0"



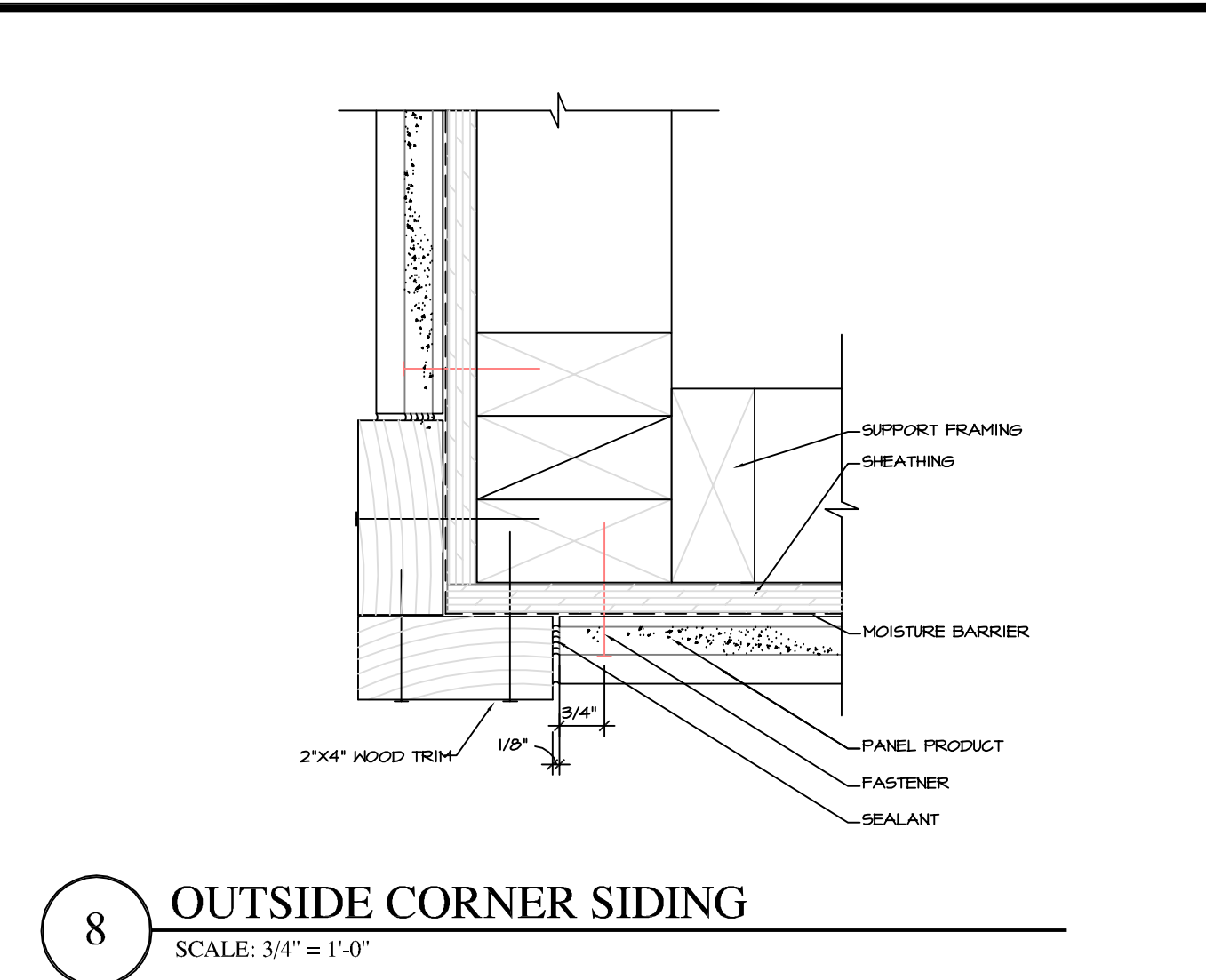
3 BALCONY RAILING DETAIL
SCALE: 1" = 1'-0"



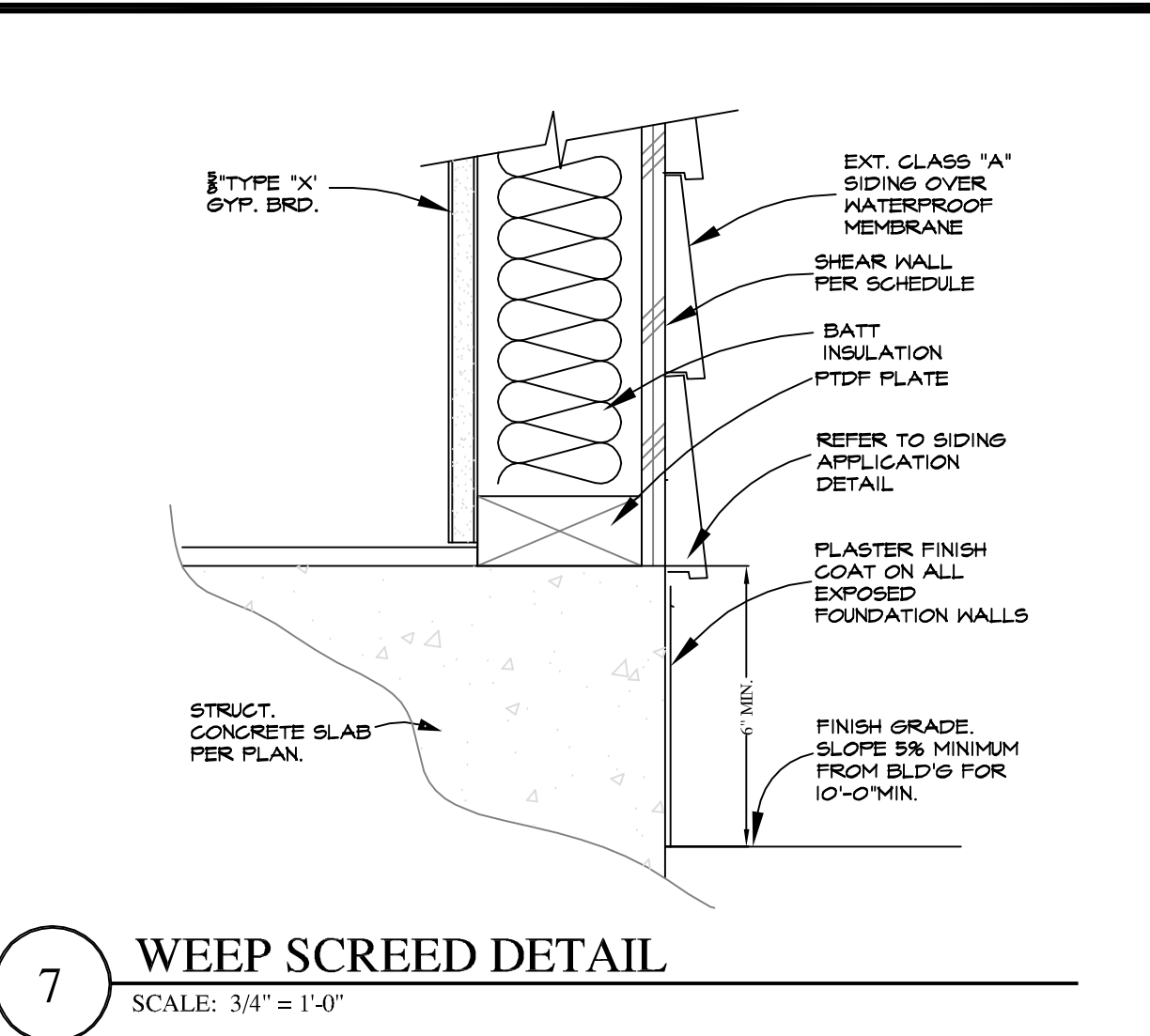
2 BALCONY EDGE DETAIL
SCALE: 1" = 1'-0"



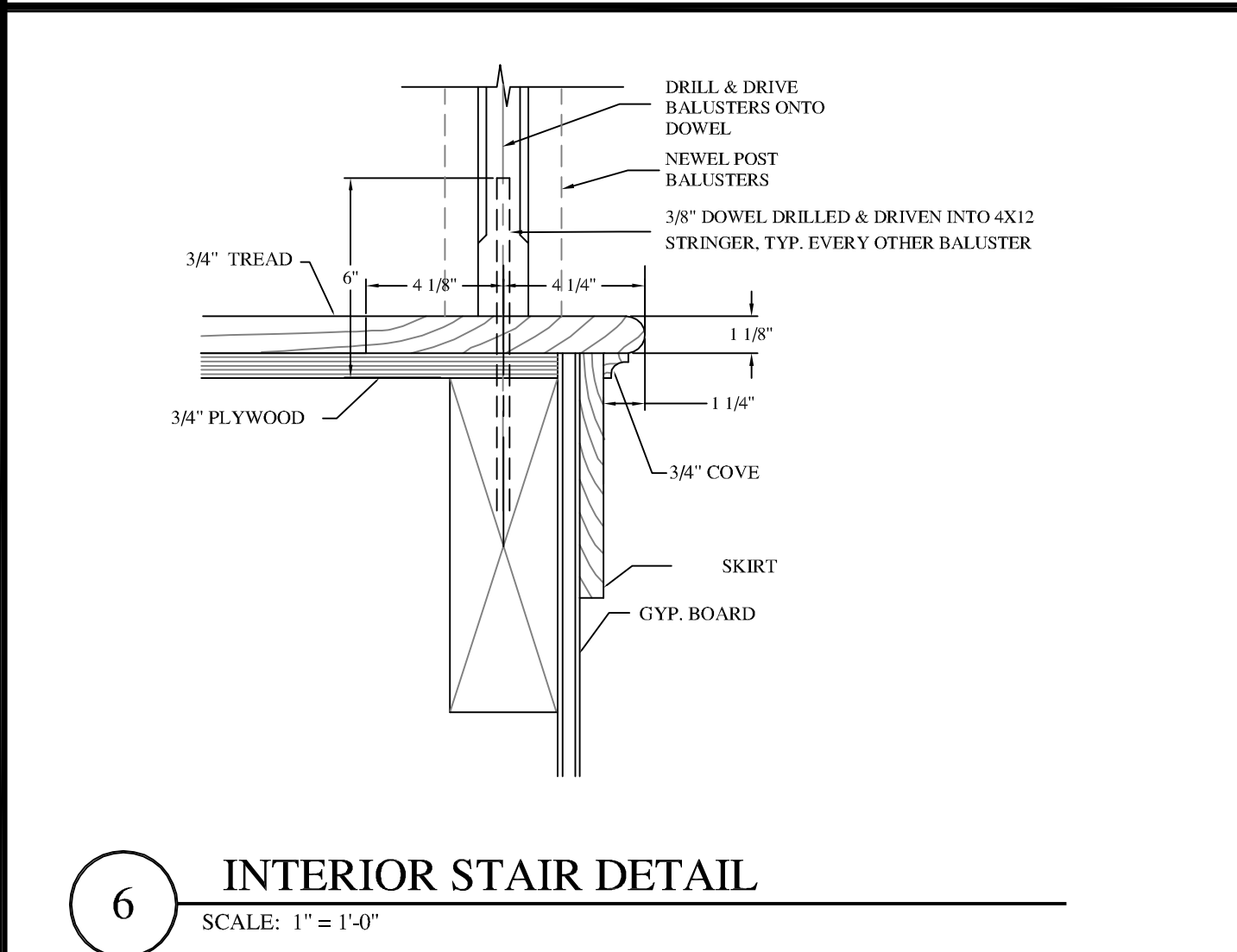
1 INTERIOR HANDRAIL DETAIL
SCALE: 3/4" = 1'-0"



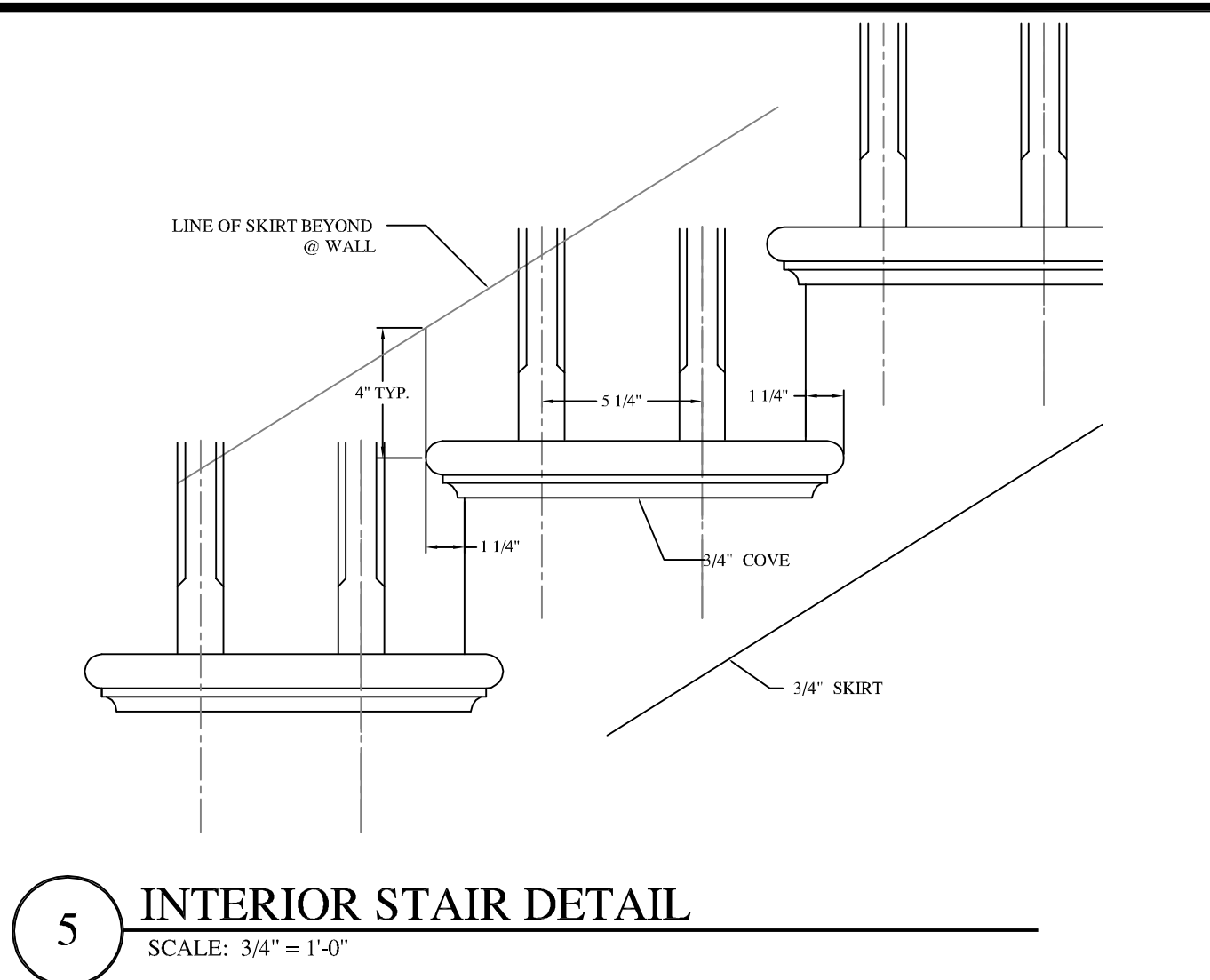
8 OUTSIDE CORNER SIDING
SCALE: 3/4" = 1'-0"



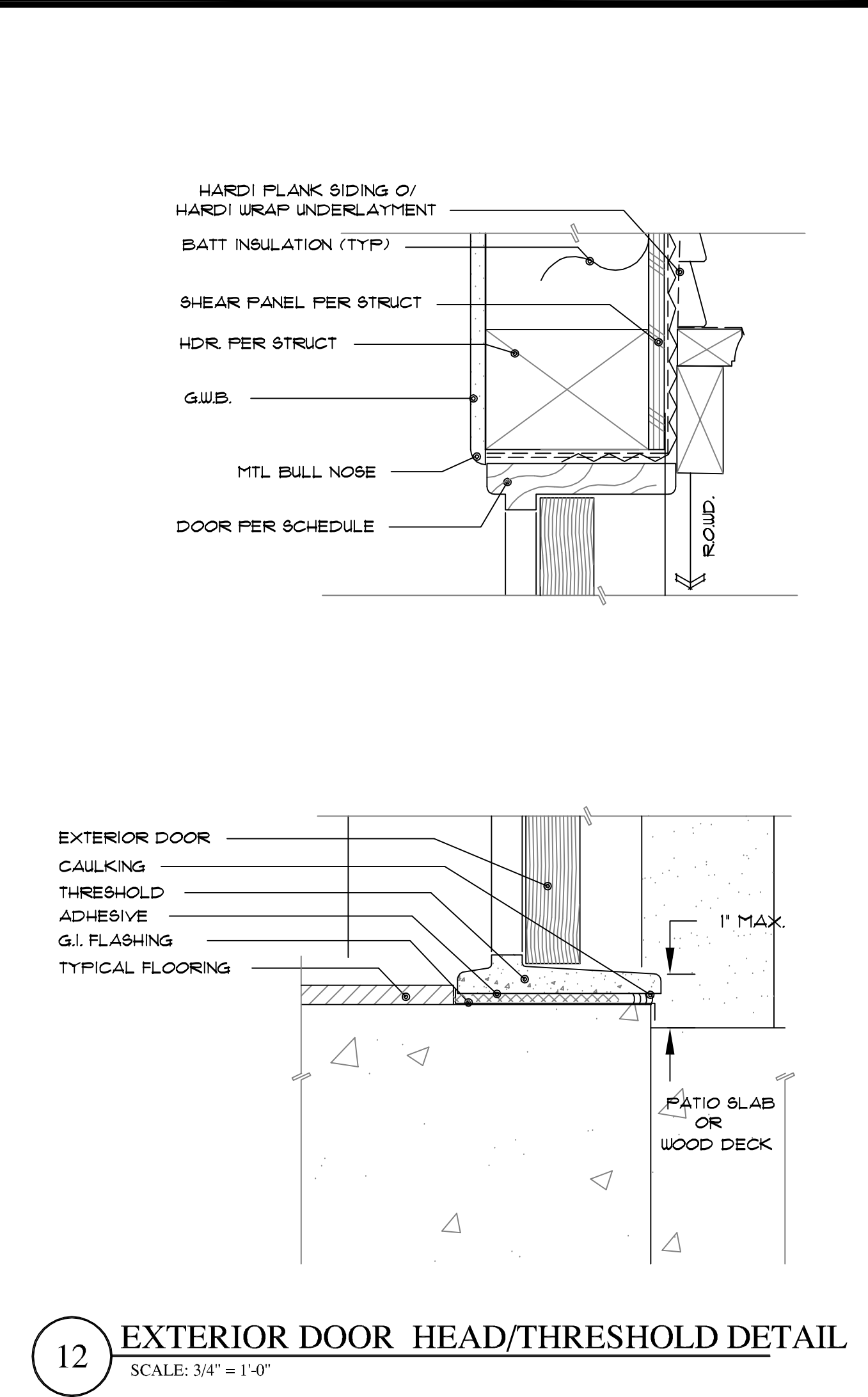
7 WEEP SCREED DETAIL
SCALE: 3/4" = 1'-0"



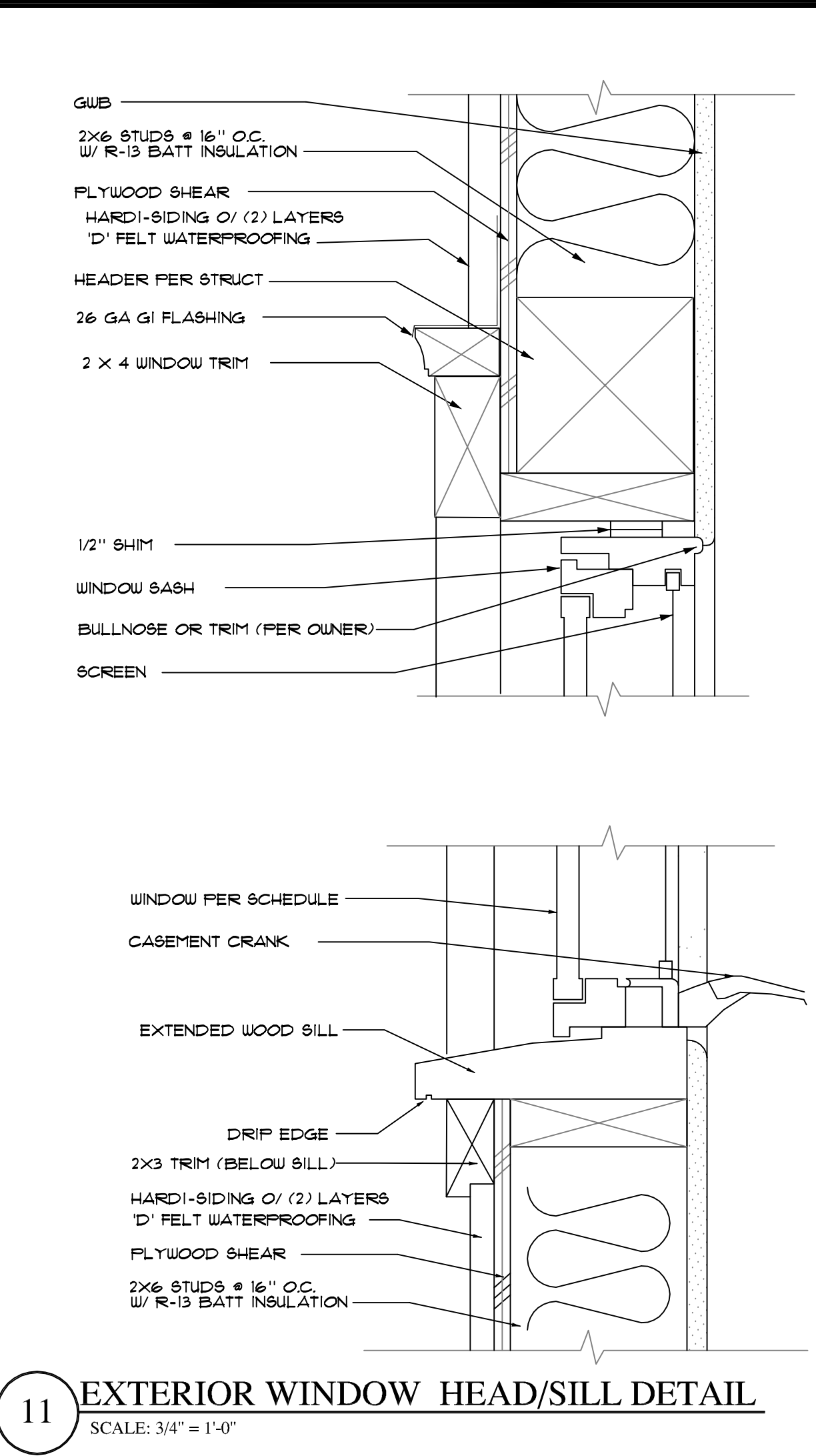
6 INTERIOR STAIR DETAIL
SCALE: 1" = 1'-0"



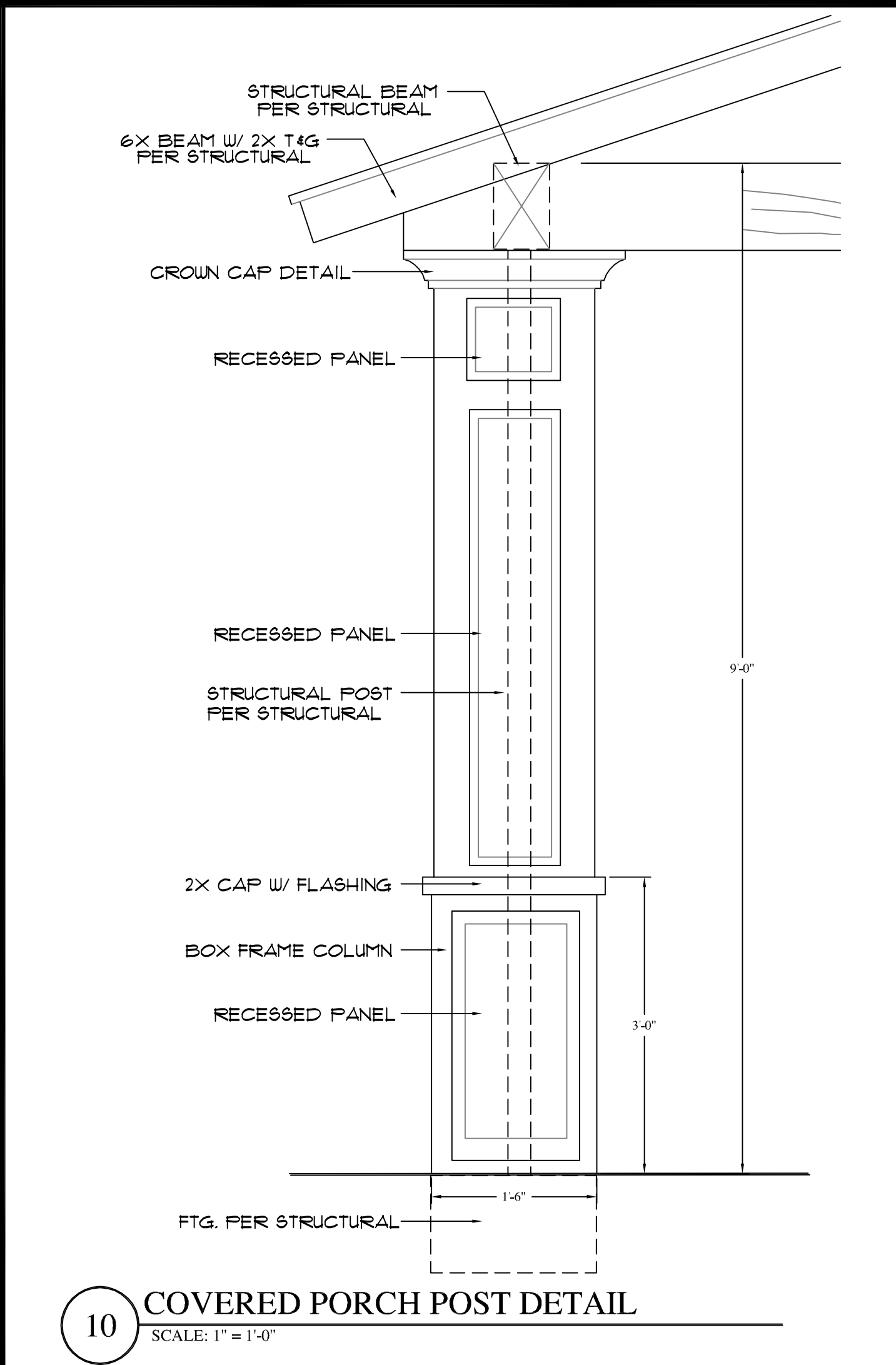
5 INTERIOR STAIR DETAIL
SCALE: 3/4" = 1'-0"



12 EXTERIOR DOOR HEAD/THRESHOLD DETAIL
SCALE: 3/4" = 1'-0"



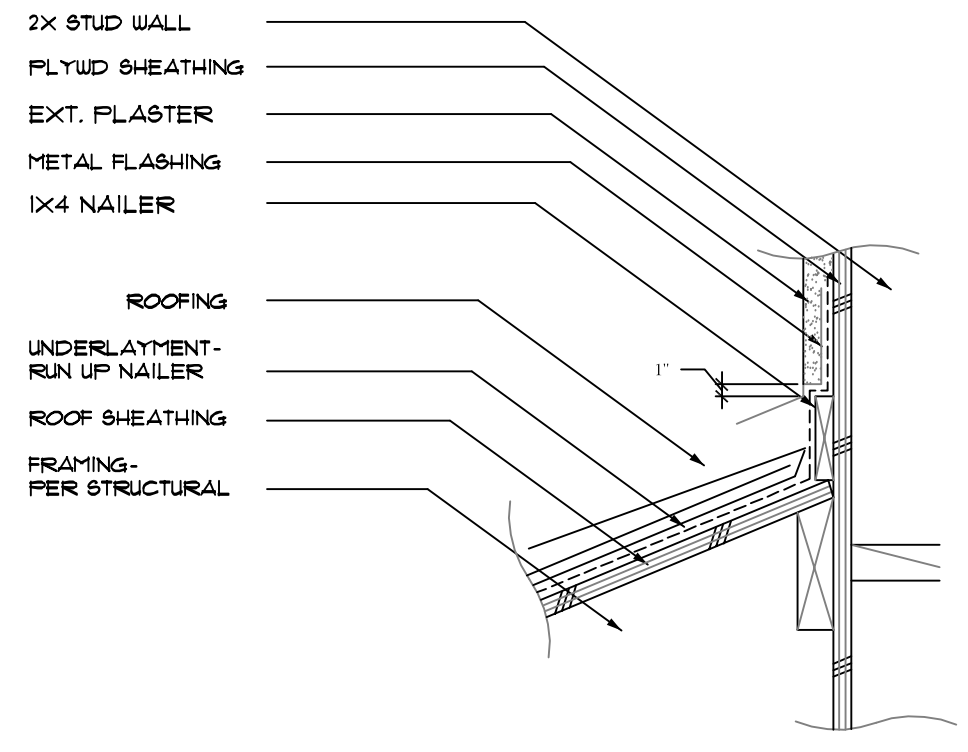
11 EXTERIOR WINDOW HEAD/SILL DETAIL
SCALE: 3/4" = 1'-0"



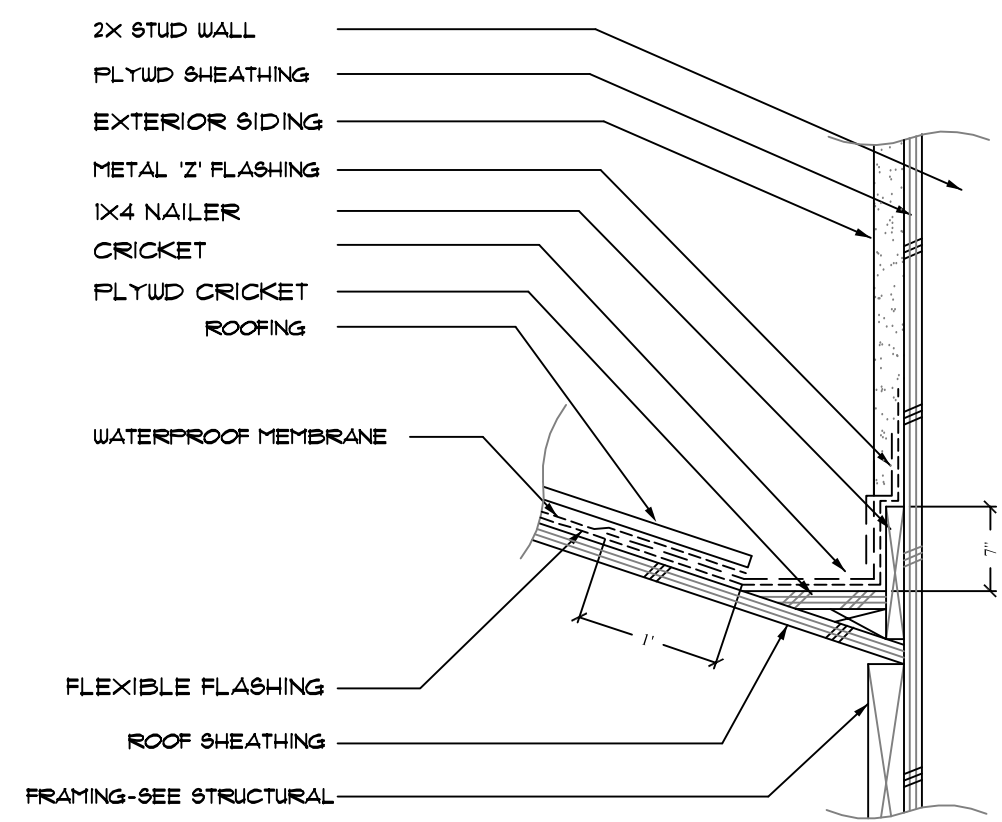
10 COVERED PORCH POST DETAIL
SCALE: 1" = 1'-0"



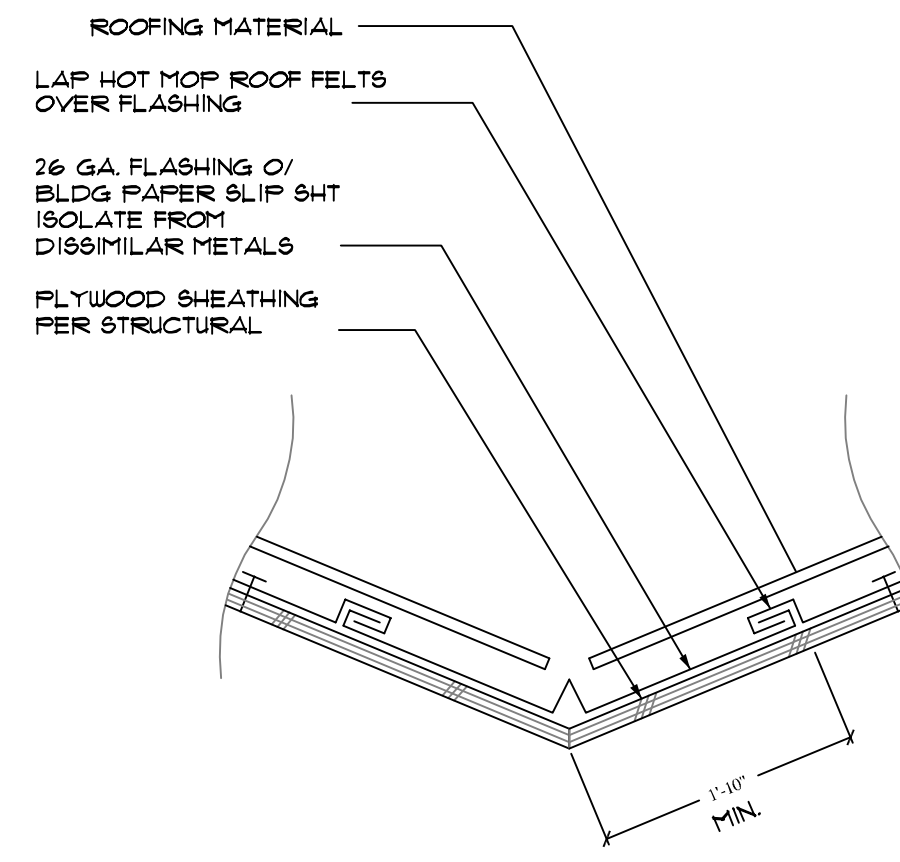
9 NOT USED
SCALE: 1" = 1'-0"



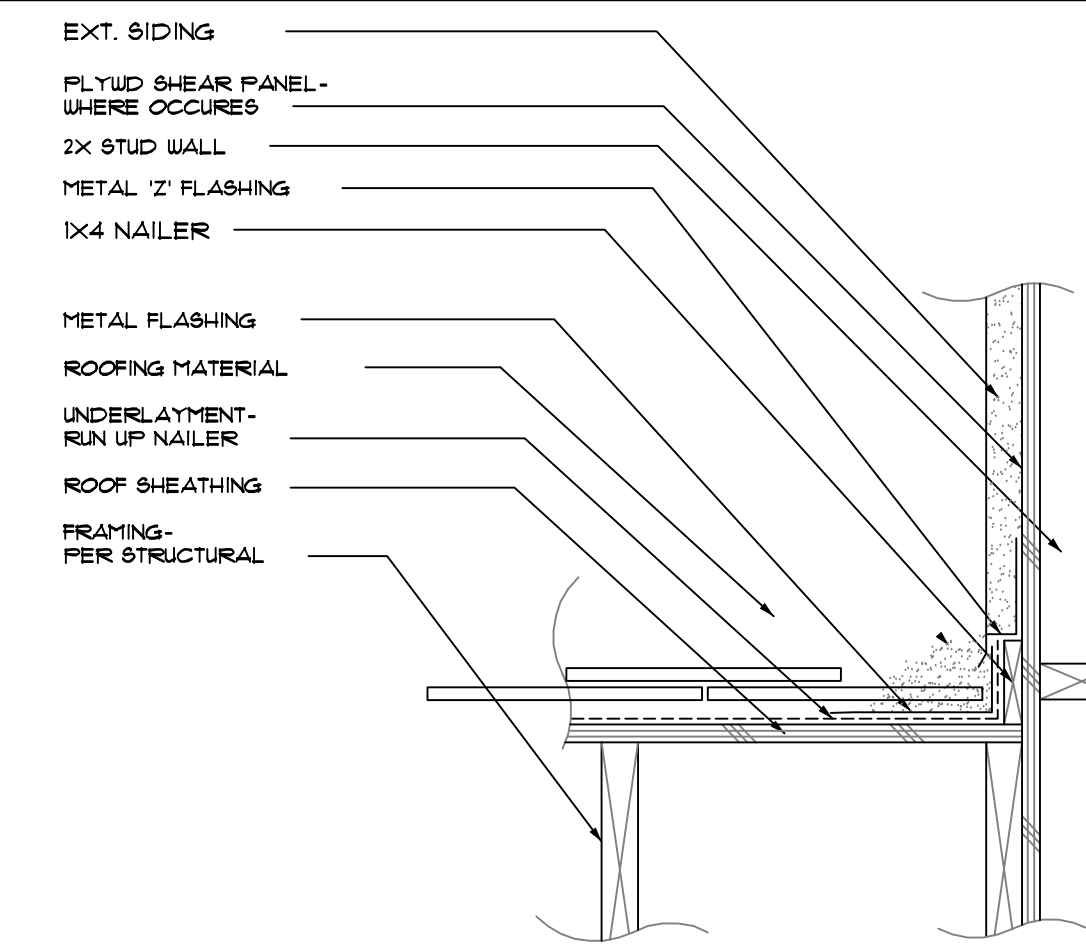
16 FLASHING @ WALL
SCALE: 3/4" = 1'-0"



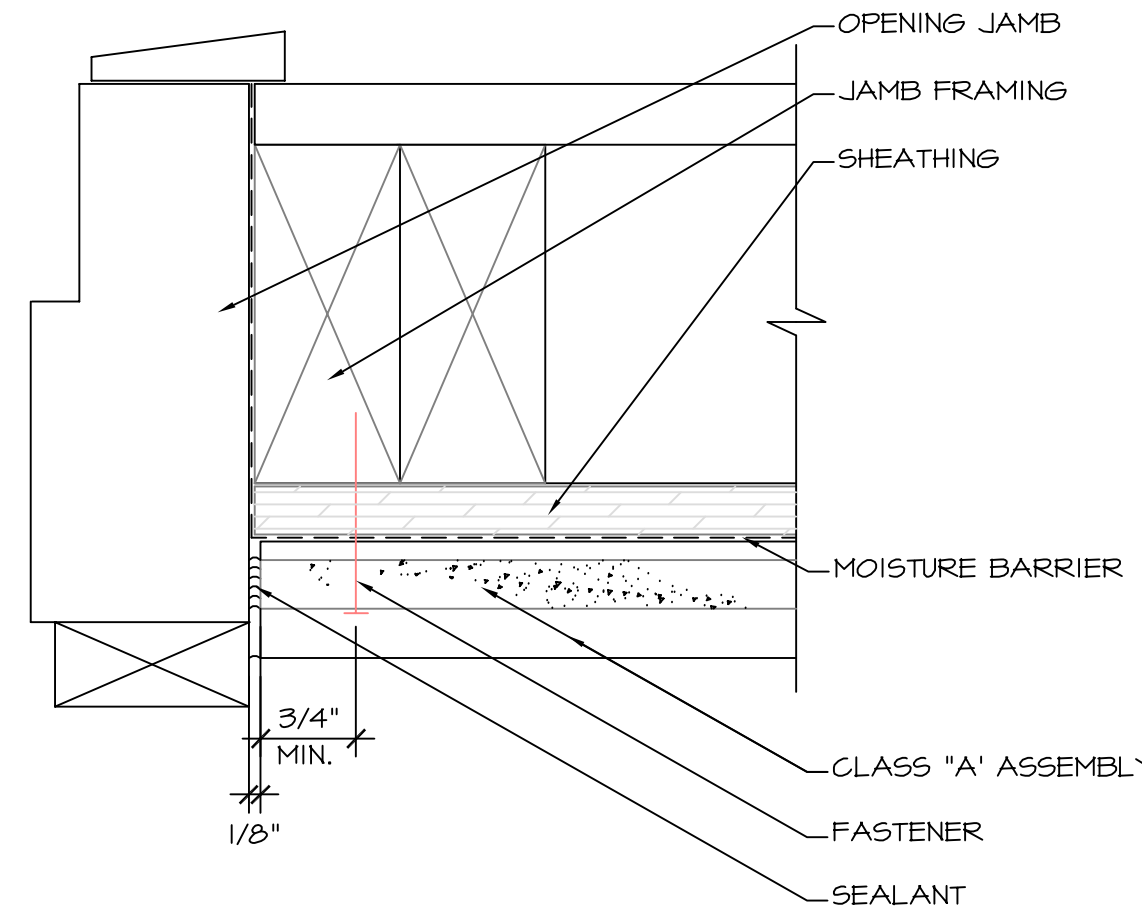
17 FLASHING @ WALL
SCALE: 3/4" = 1'-0"



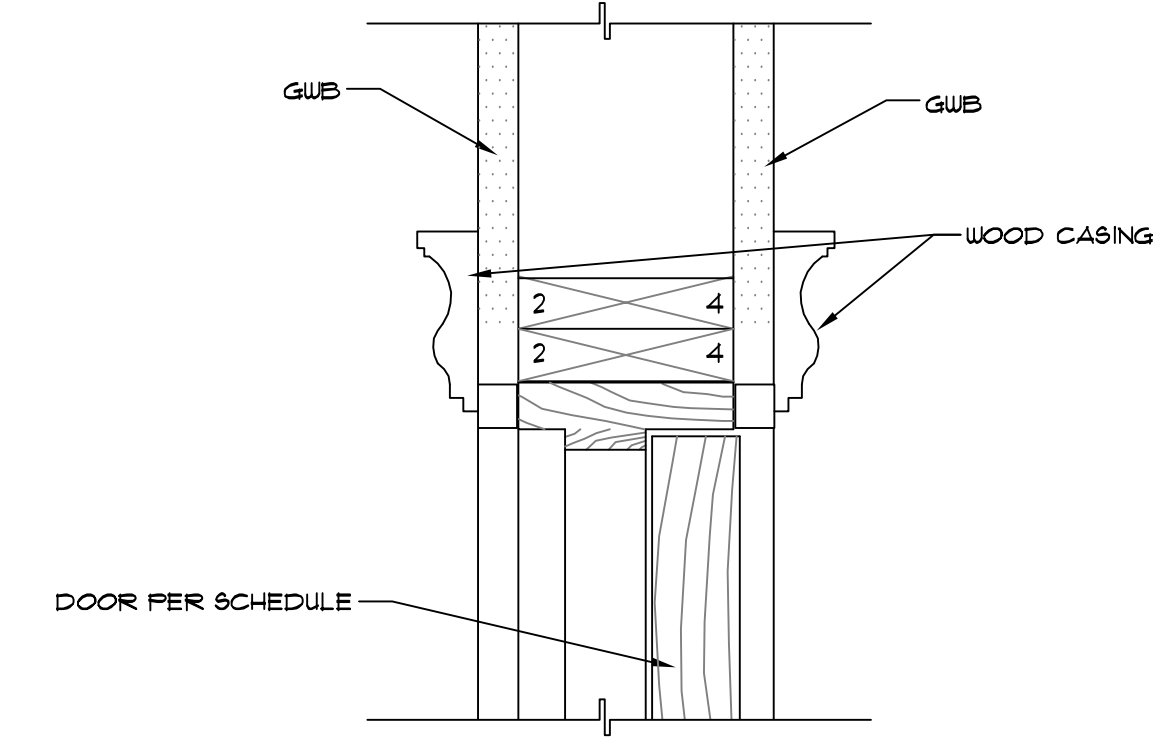
18 VALLEY FLASHING TYP.
SCALE: 3/4" = 1'-0"



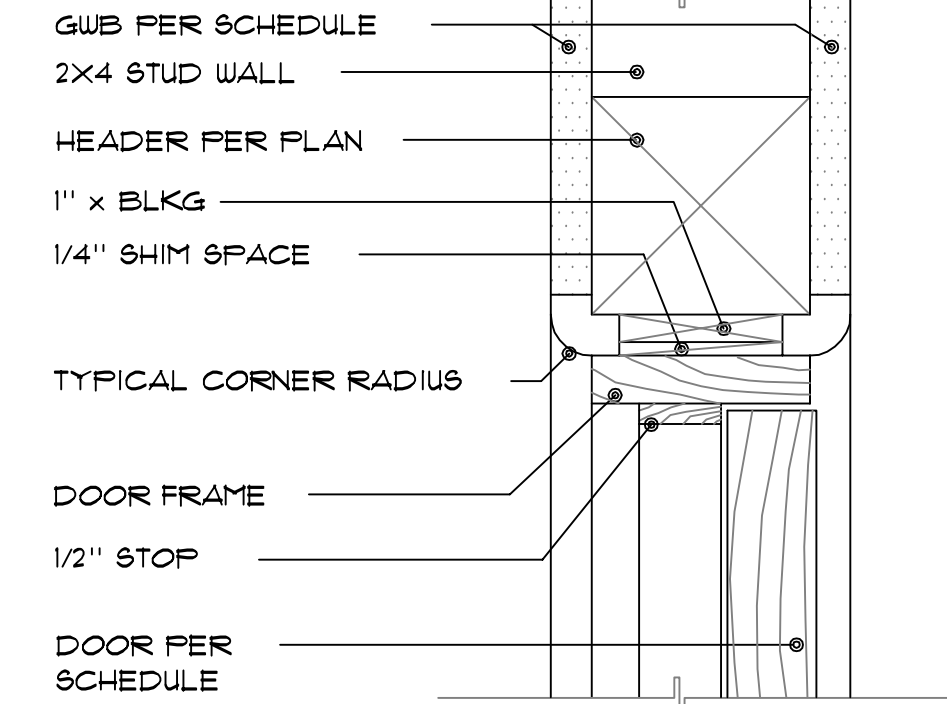
19 FLASHING @ WALL
SCALE: 3/4" = 1'-0"



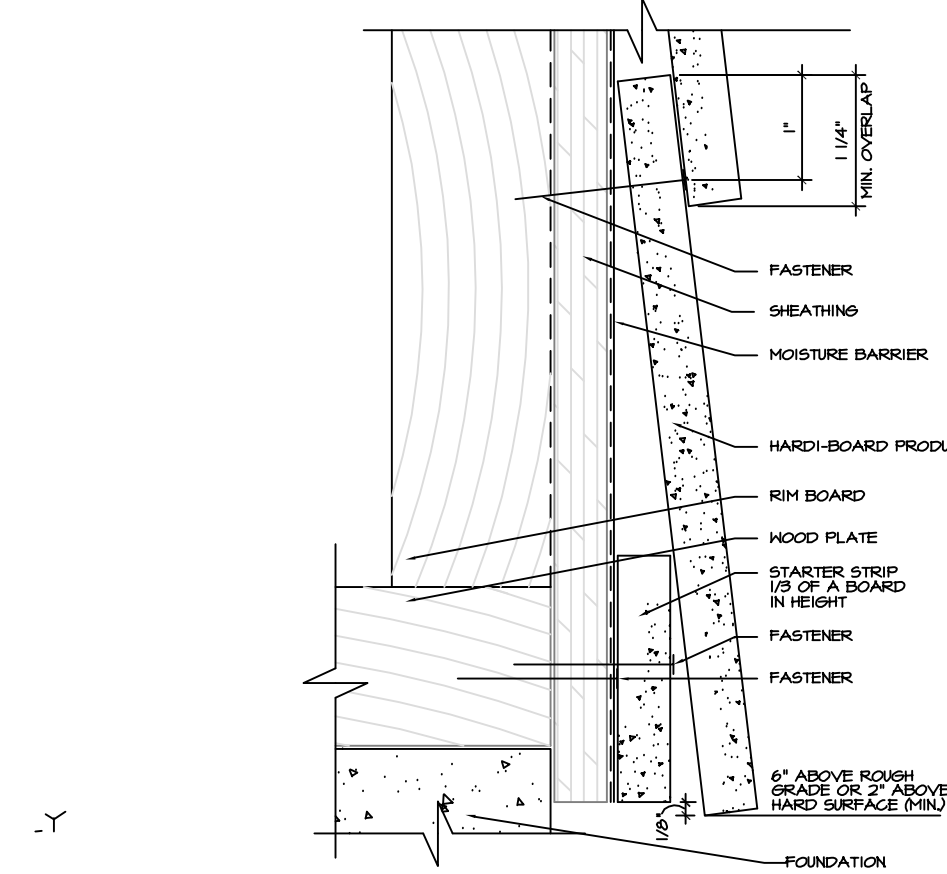
21 SIDING TO JAMB DETAIL
NTS



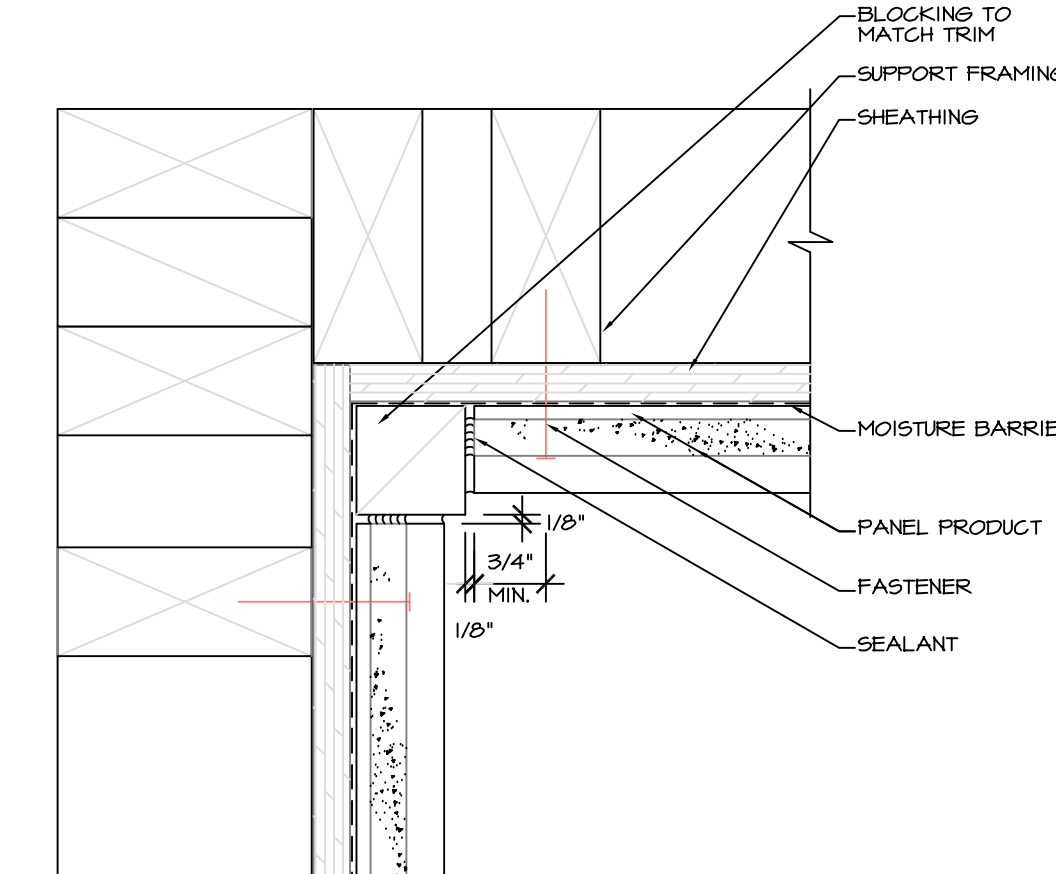
23 INTERIOR DOOR HEAD (CASING)
NTS



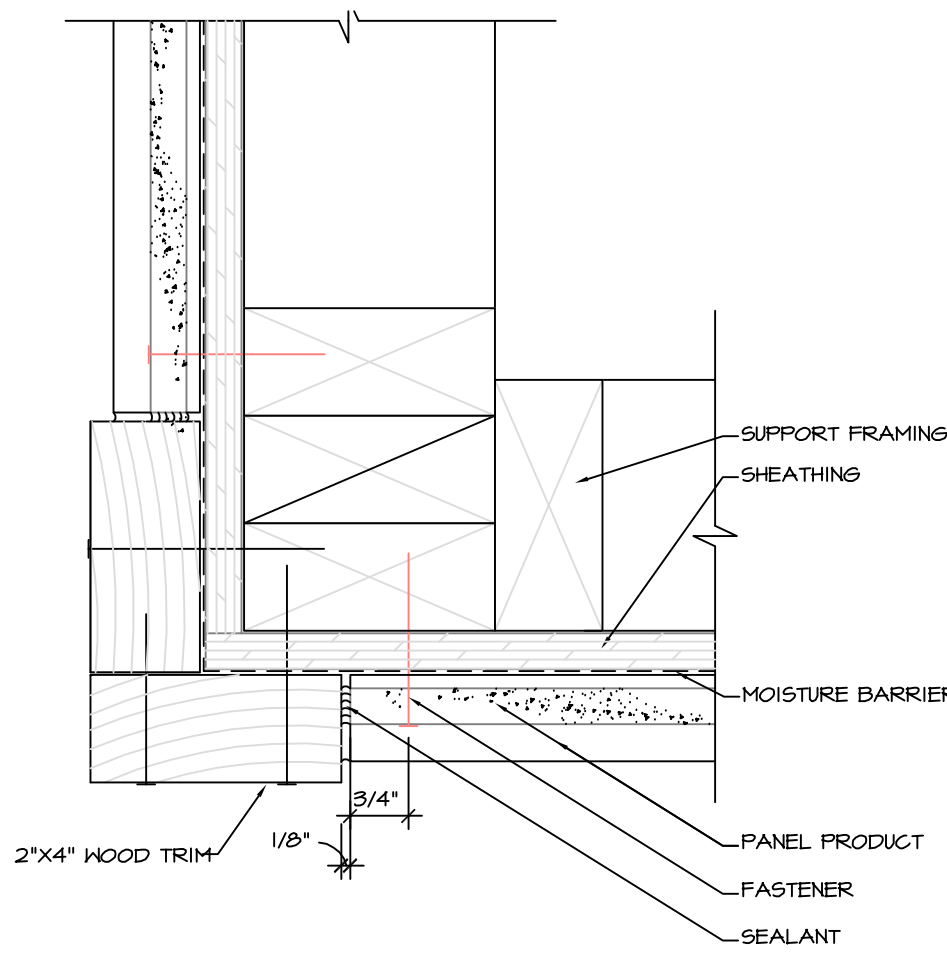
24 INTERIOR DOOR HEAD (BULLNOSE)
NTS



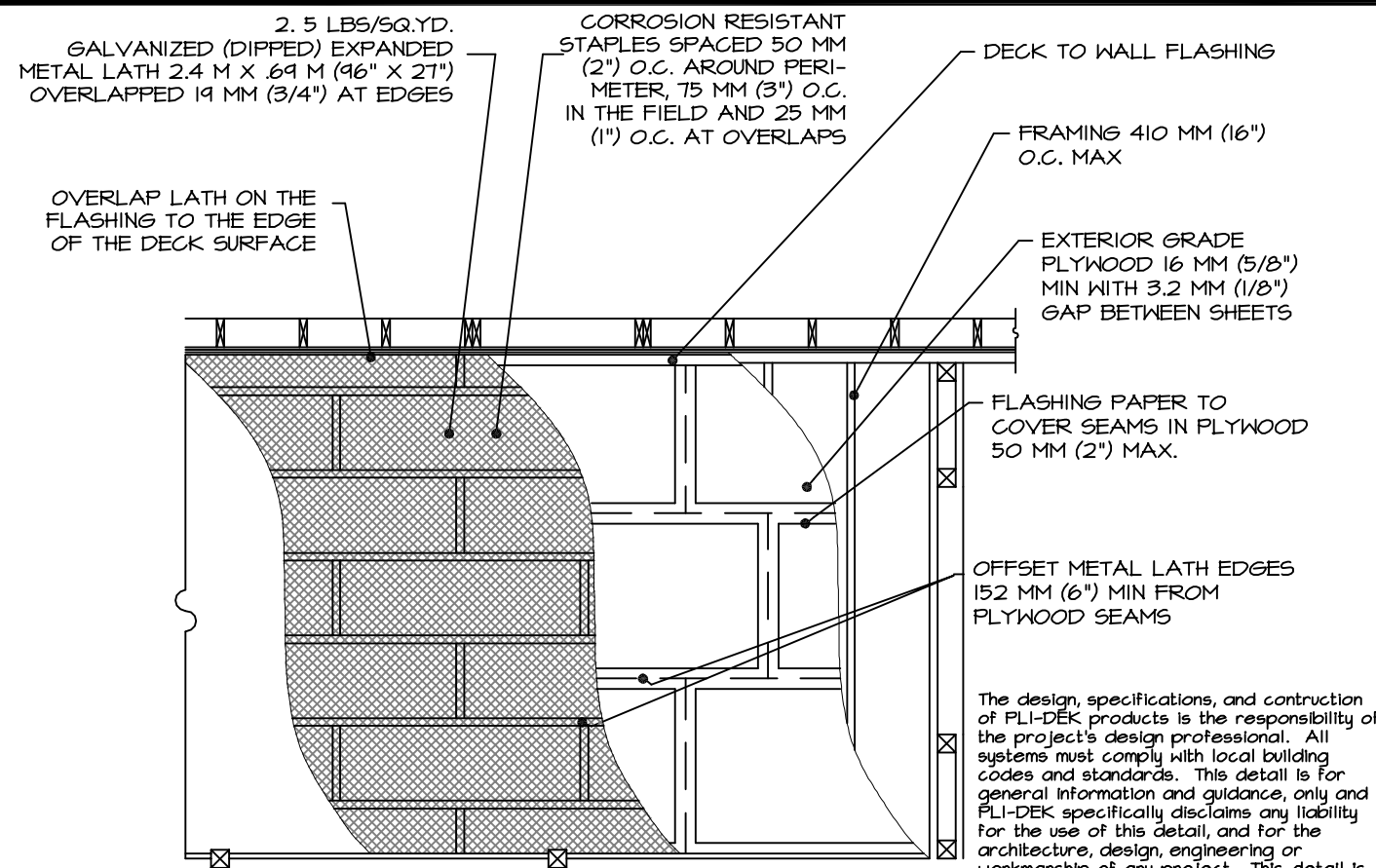
25 SIDING WEEP SCREED DETAIL
NTS



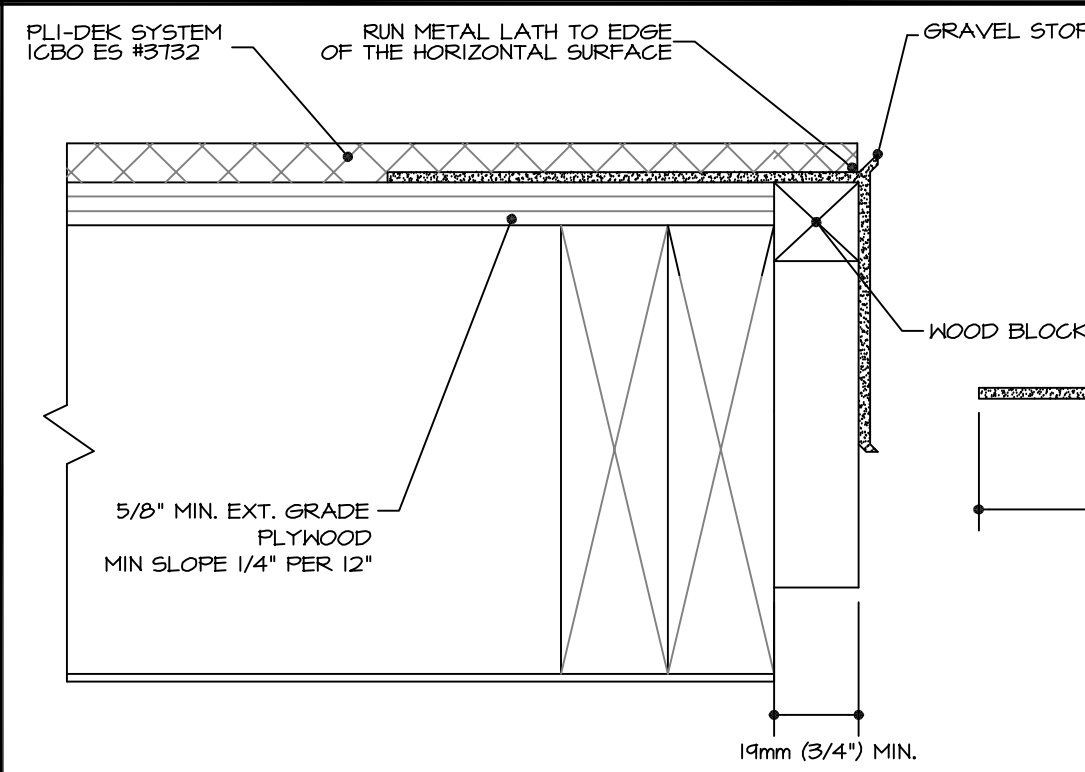
26 INSIDE CORNER TRIM DETAIL
NTS



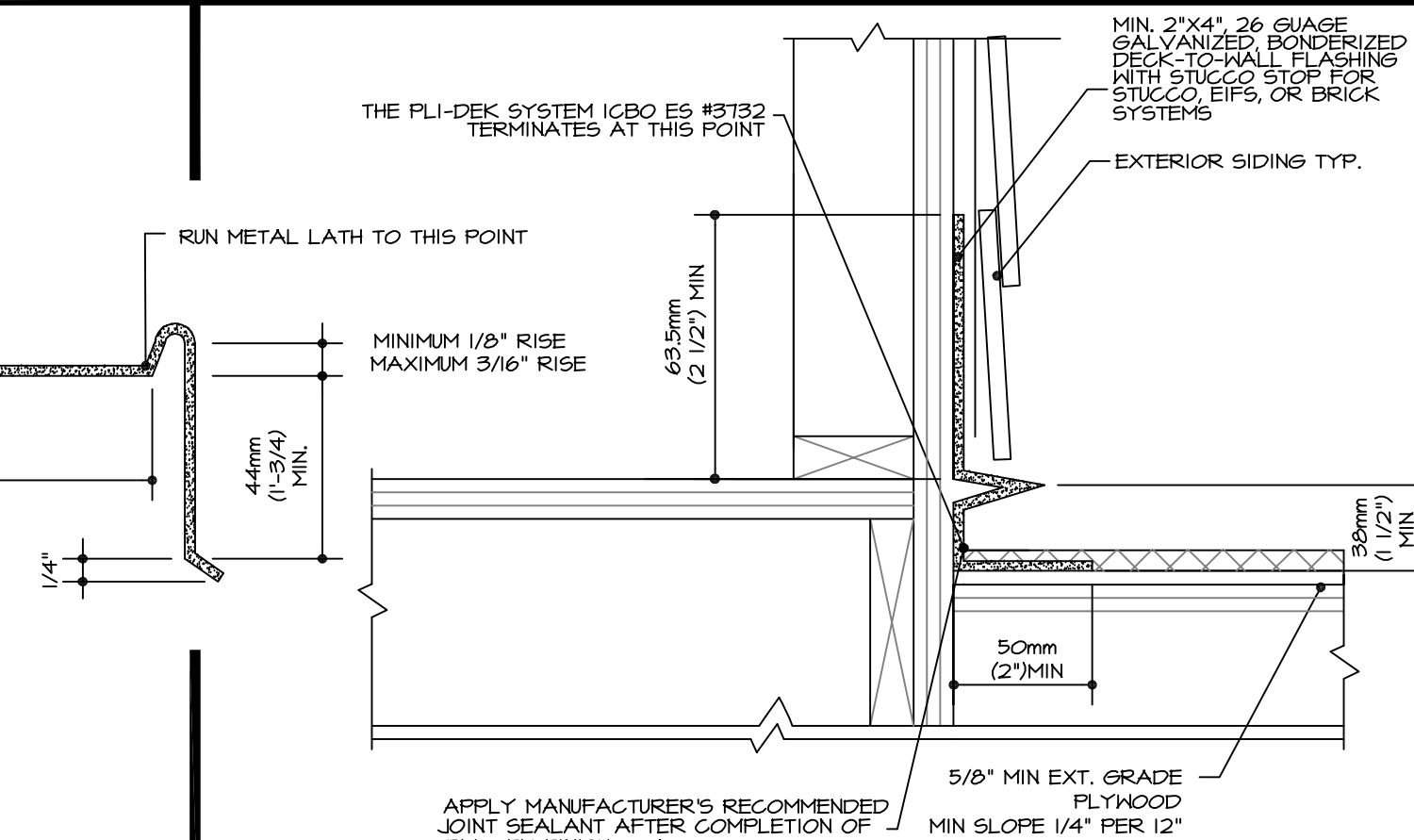
27 OUTSIDE CORNER TRIM DETAIL
NTS



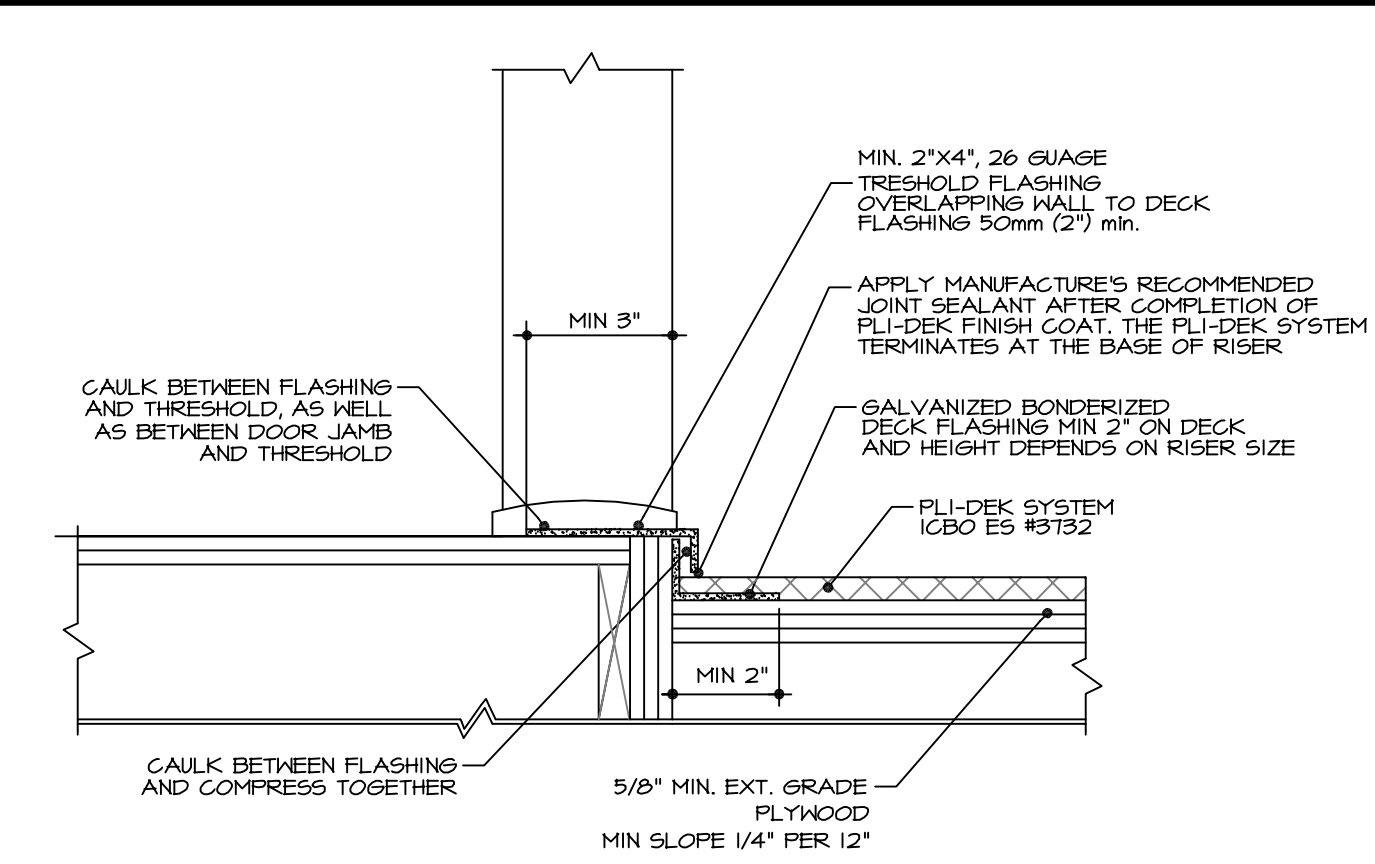
28 DECK WATERPROOFING
NTS
PLI-DEK WATERPROOFING OR EQUAL



29 DECK EDGE FLASHING
NTS



30 DECK FLASHING AT WALL
NTS



31 DECK FLASHING AT THRESHOLD
NTS

**RESIDENTIAL ENERGY COMPLIANCE SUMMARY
2022 ENERGY EFFICIENCY STANDARDS
(ENERGYPRO VERSION 9 PERFORMANCE METHOD)**

NOTE

*** HERS TESTING/VERIFICATION REQUIRED FOR THIS PROJECT ***
(SEE PAGE 2, BELOW)

**QUINN REMODEL & ADDITION
202 SALIDA DE SOL
SANTA BARBARA, CALIFORNIA**

The following features were used to demonstrate compliance with California Energy Regulations. This information is included in the plans and specifications submitted for building permit approval. Construction must be consistent with this information unless any changes have received prior approval from the building inspection agency.

AREA OF BUILDING SUBJECT TO COMPLIANCE (EXISTING + ALTERATION/ADDITION):

2,690 S.F. GROSS CONDITIONED FLOOR AREA (EXISTING AREA = 1,640 S.F., ADDITIONS = 1,050 S.F.)

CLIMATE ZONE: CLIMATE ZONE 6

ENERGY COMPLIANCE MARGINS:

1. EFFICIENCY COMPLIANCE TOTAL: +0.21 IMPROVEMENT (SEE CERTIFICATE OF COMPLIANCE, CF-1R-PRF-01, PAGE 2)
2. ENERGY USE INTENSITY: 2.87% BETTER THAN CODE MINIMUM (SEE CF-1R-PRF-01, PAGE 3)

MINIMUM BUILDING ENVELOPE INSULATION LEVELS:

1. EXISTING EXTERIOR WALLS, ATTICS & RAISED FLOORS: NO REQUIRED CHANGES
2. NOTE: ANY EXISTING WALL FRAMING EXPOSED OR ALTERED DURING CONSTRUCTION IS REQUIRED TO BE INSULATED WITH MINIMUM R-13 (2X4 WALLS)
3. INSULATION AT ADDITION WALLS: R-15 (5.5") HIGH DENSITY BATT INSULATION. INSULATION AT RAFTER INSULATION AT ADDITION AREAS: R-25 SPRAY FOAM INSULATION. THICKNESS DEPENDS ON SPECIFIC PRODUCT USED.
4. INSULATION AT EXTERIOR RAISED FLOORS: R-19 (5.5") BATT INSULATION.

GLAZING:

1. NEW & REPLACEMENT WINDOWS & GLASS DOORS AT EXISTING HOUSE & ADDITIONS: 549 S.F.; NON-METAL SASH/FRAME, U-FACTOR = 0.32 OR LOWER, SHGC = 0.25 OR LOWER.
2. ENTRY DOOR & SIDELITES: 48 S.F.; U-FACTOR = 0.40 OR LOWER, SHGC = 0.30 OR LOWER.

OVERHANGS & SHADING DEVICES:

1. TYPICAL 1.5 FT EAVE OVERHANG.
2. 14.0 FT. COVERED PATIO ON BACK WALL SHADES GLAZING BELOW.
3. 2.0 FT. PORCH COVERS GLAZING AT ENTRY DOOR & SIDELITES.

THERMAL MASS CREDIT:

NOT APPLICABLE

HVAC SYSTEM(S):

1. FIRST FLOOR HEAT PUMP: BRYANT 284ANV060 OUTDOOR CONDENSER WITH DUCTED INDOOR AIR HANDLER, 59,000 BTUH HEATING CAPACITY, 9.5 HSPF HEATING EFFICIENCY; 38,000 BTUH COOLING CAPACITY, 16 SEER & 12.5 EER COOLING EFFICIENCY, OR ANY UNIT WITH EQUAL OR HIGHER EFFICIENCY RATINGS.
2. SECOND FLOOR HEAT PUMP: MITSUBISHI MXZ-4C36NAHX, MULTI-ZONE OUTDOOR CONDENSER WITH MATCHING INDOOR UNITS; 45,000 BTUH HEATING CAPACITY, 12.5 HSPF HEATING EFFICIENCY; 36,000 BTUH COOLING CAPACITY, 16 SEER & 12.5 EER COOLING EFFICIENCY, OR ANY UNIT WITH EQUAL OR HIGHER EFFICIENCY RATINGS.
3. NEW HVAC DUCTWORK TO BE INSULATED WITH R-6 DUCT INSULATION.

DOMESTIC WATER SYSTEM(S):

1. NEW WATER HEATER: NAVIEN NPE24052, TANKLESS, NATURAL GAS, 199,000 BTUH INPUT, 96% UNIFORM ENERGY FACTOR (UEF), OR ANY UNIT WITH AN EQUAL OR HIGHER UEF RATING.
2. ALL NEW HOT WATER LINES TO BE INSULATED WITH R-4 PIPE INSULATION.

HERS TESTING REQUIREMENTS (ALL TESTS CONDUCTED BY A CERTIFIED HERS RATER):

1. SEE CERTIFICATE OF COMPLIANCE, PAGE 3 FOR ALL HVAC-RELATED HERS TESTING OR VERIFICATION REQUIREMENTS
2. ALL NEW OR REPLACEMENT KITCHEN RANGE HOODS MUST BE TESTED TO VERIFY CURRENT CODE REQUIREMENTS
3. MANDATORY KITCHEN HOOD FAN COMPLIANCE IS BASED ON THE RESIDENTIAL SQUARE FOOTAGE AND TYPE OF RANGE (ELECTRIC OR GAS). SEE 2022 ENERGY STANDARDS, TABLE 150.0-G
4. FOR RESIDENCES 1,500 SQ. FT. OR LARGER WITH AN ELECTRIC RANGE THE REQUIREMENTS ARE A 50% CAPTURE EFFICIENCY (CE) & 110 CFM. FOR A GAS RANGE THE REQUIREMENT IS 50% CE & 180 CFM.
5. ALL NEW RESIDENTIAL BUILDINGS, ADDITIONS OVER 1,000 S.F., OR ADUs OF ANY SIZE MUST INCLUDE A SUPPLY OR EXHAUST FAN TO MEET THE MANDATORY INDOOR AIR QUALITY VENTILATION REQUIREMENT.
6. ONE OR MORE BATHROOM EXHAUST FANS MAY BE USED TO MEET THIS REQUIREMENT, (125 CFM OR HIGHER; SEE PAGE 15 OF THE CERTIFICATE OF COMPLIANCE).

ALL MANDATORY MINIMUM FEATURES PER FORMS CF-2R (SUBMITTED BY CONTRACTOR/INSTALLER)

PROPERTY LINE L=115.0' N=79.15' 34" E

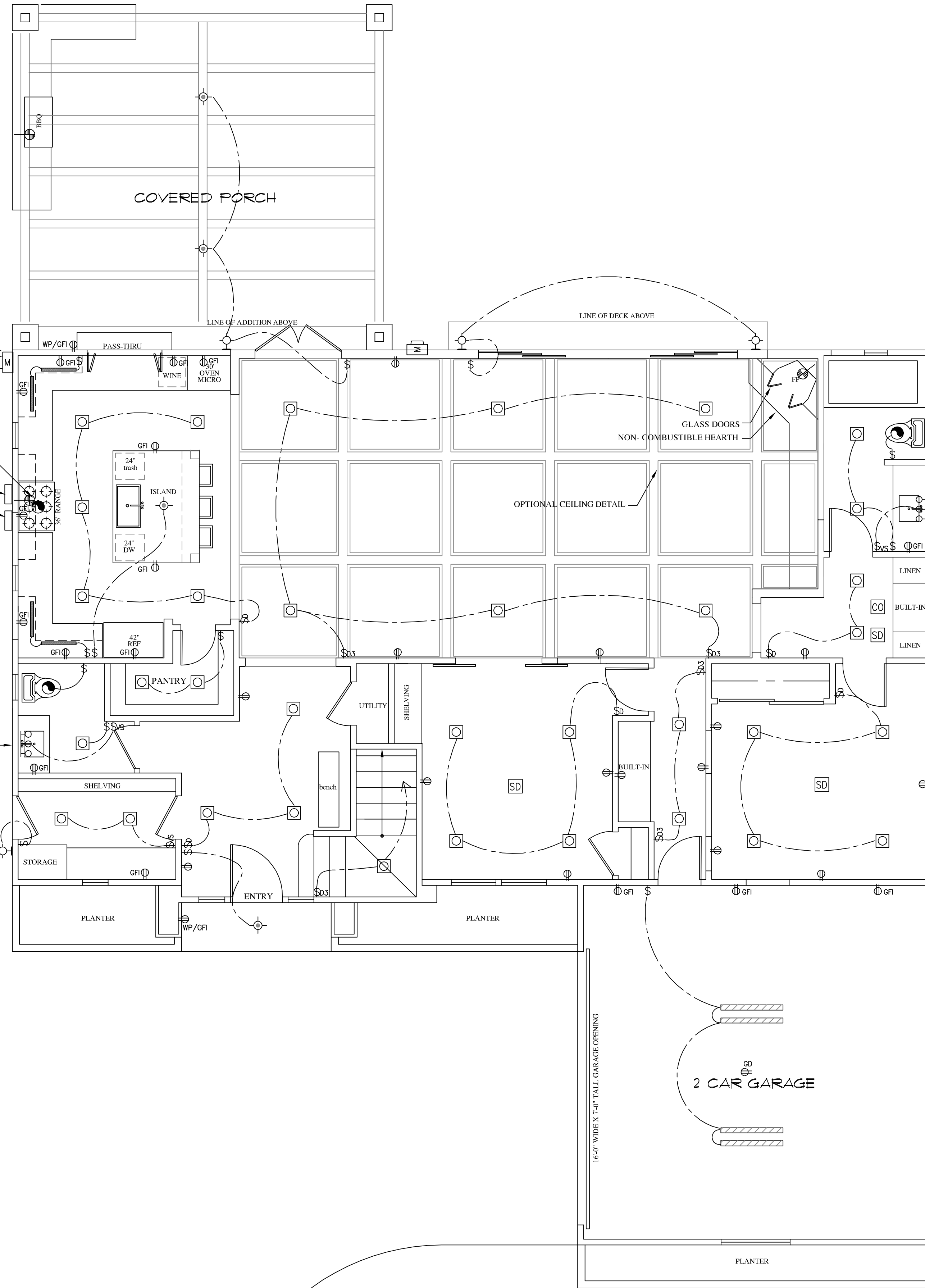
RELOCATED ELECT METER
200 AMP REQUIRED
PER SO. CAL EDISON

100 CFM MIN. EXHAUST FAN
VENTED TO OUTSIDE
HEATING/COOLING EQUIPMENT
SEE T24 SPECS
TANKLESS W.H.
SRR T24 SPECS

(B) RETAINING WALL

12'-11"

GATE



PROPOSED FIRST FLOOR ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"



ELECTRICAL LEGEND

- \$ SINGLE POLE WHERE APPLICABLE
- \$3 THREE WAY
- \$4 FOUR WAY
- \$D DIMMER
- \$VS MANUAL ON/OFF VACANCY SENSOR
- ⊖ DUPLEX OUTLET AFCI/TAMPER RESISTANT
- GFI ⊖ GROUND FAULT CIRCUIT INTERRUPTER
- ⊖ HALF SWITCHED
- ⊖ DOUBLE DUPLEX
- WP ⊖ WEATHER PROOF
- 220V ⊖ 220 VOLTS
- ▶ CABLE TV
- PH ⊖ TELEPHONE
- ⊖ CHIMES
- ⊖ PUSH BUTTON OR DOOR BELL
- ⊖ GARAGE DOOR SAFETY SENSOR
- ⊖ PHOTOELECTRIC CELL
- ⊖ JUNCTION BOX
- ⊖ STUB FOR ICE MAKER
- ⊖ HB ANTI-SYPHON HOSE BIB
- ⊖ M ELECTRIC METER
- ⊖ EP (ESP) ELECTRIC PANEL OR SUBPANEL
- FL FLUORESCENT LIGHT
- GDO GARAGE DOOR OPENER CEILING MOUNT
- DW DISH WASHER
- TC TRASH COMPACTOR
- GD GARBAGE DISPOSAL
- ⊖ UNDER CABINET REGISTER
- ⊖ HEATING REGISTER
- ⊖ FLD. FLOOD LIGHT
- ⊖ SURFACE MOUNTED FIXTURE
- ⊖ PENDANT / HANGING FIXTURE
- ⊖ WALL SCONCE (VERIFY HEIGHT & TYPE W/ ARCHITECT OR OWNER)
- ⊖ WALL MOUNTED LIGHT STRIP
- ⊖ EXTERIOR WALL MOUNTED (VERIFY HEIGHT & TYPE W/ OWNER) (LED) DARKSKY COMPLIANT
- ⊖ RECESSED FIXTURE (LED TYP.)
- ⊖ RECESSED, DIRECTIONAL (LED) WALL WASHER
- ⊖ RECESSED, WATERPROOF GFCI PROTECTED, NON-METALLIC RIM, LIGHT FIXTURE
- ⊖ EXHAUST FAN & RECESSED FLUORESCENT LIGHT (TO BE 40 LUMENS PER WATT MIN.)
- ⊖ EXHAUST FAN (50 CFM MIN.) WITH HUMIDISTAT
- ⊖ CARBON MONOXIDE DETECTOR
- ⊖ SMOKE DETECTOR, STATE MARSHAL APPROVED 110 VOLT INTERCONNECTED W/ BATTERY BACKUP
- ⊖ MOTION SENSOR
- ⊖ SURFACE MOUNTED LED UNDER CABINET LIGHTING
- ⊖ SURFACE MOUNTED LED
- ⊖ LOOSE KEY VALVE
- FG ⊖ FUEL GAS
- ⊖ CEILING FAN WITH LIGHTS: CEILING FANS WEIGHING OVER 35 LBS. CANNOT BE SUPPORTED BY AN ELECTRICAL BOX. THEY MUST BE SUPPORTED AS REQUIRED BY SEC 310-23 & 422-12.
- ⊖ INTERCOM UNIT / SECURITY PANEL (AS NOTED) - OPTIONAL
- ⊖ AIR ASSISTANCE FOR DRYER EXHAUST

SHEET DESCRIPTION

**QUINN RESIDENCE
202 SALIDA DEL SOL
SANTA BARBARA**

PROJECT ADDRESS

REVISIONS

DATE	

JOB #	202
CAD FILE	
TECHNICIAN	
DATE	7-11-24

SHEET

E-1

OF SHEETS

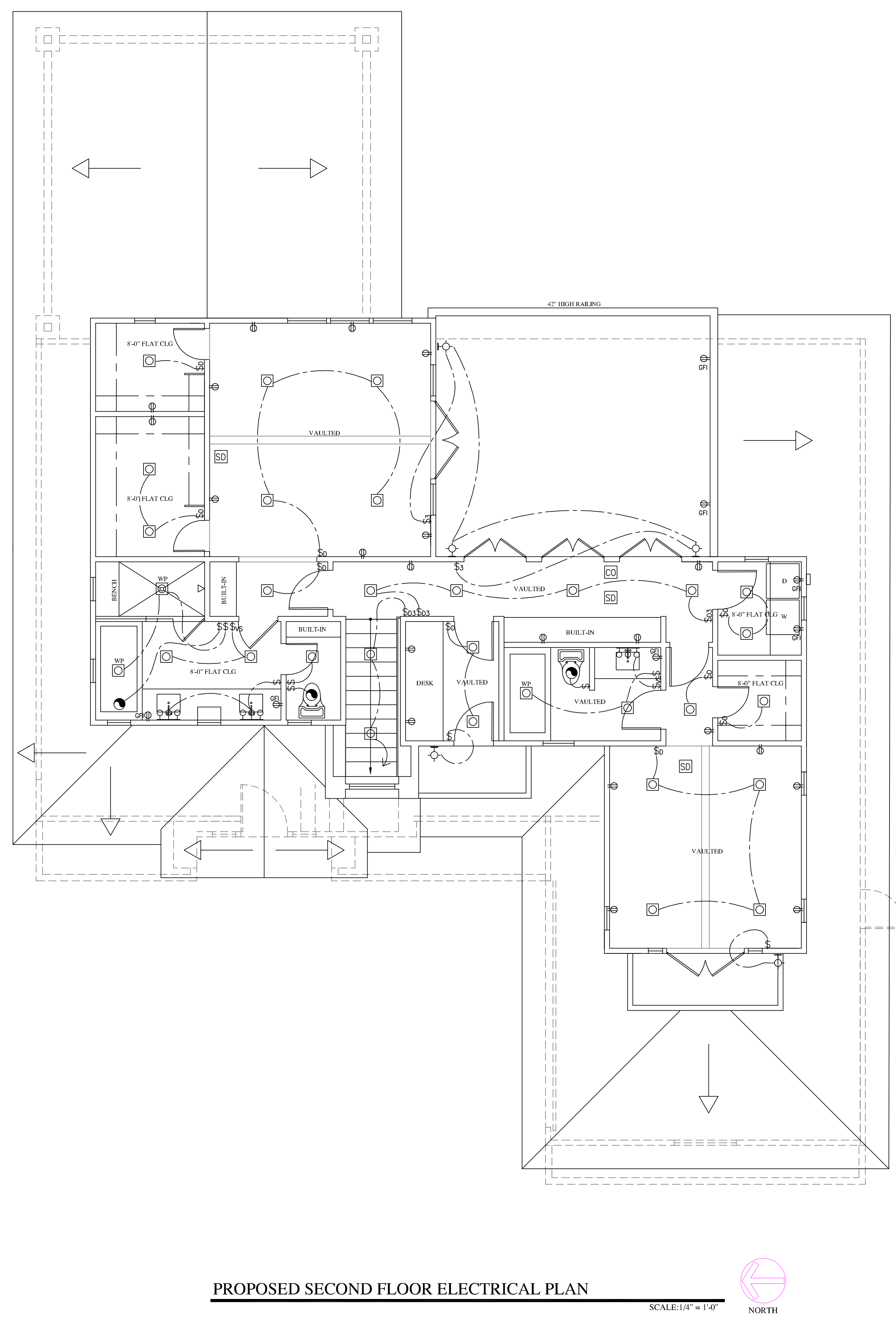
2022 Single-Family Residential Mandatory Requirements Summary

NOTE: Single-family residential buildings subject to the Energy Codes must comply with all applicable mandatory measures, regardless of the compliance approach used. Review the respective section for more information. (04/2022)

Building Envelope:	
§ 110.6(a):	Air Leakage. Manufactured fenestration, exterior doors, and exterior pet doors must limit air leakage to 0.3 CFM per square foot or less when tested per NFRC-400, ASTM E283, or AIAA/MMA/CSA 1011.S.2/444-2011.*
§ 110.6(a):	Labeling. Fenestration products and exterior doors must have a label meeting the requirements of § 10-111(a).
§ 110.6(b):	Field fabricated exterior doors and fenestration products must use U-factors and solar heat gain coefficient (SHGC) values from Tables 110.8.A, 110.8.B, or 114.1 for exterior doors. They must be gasketed and/or weather-stripped.
§ 110.6(b):	Air Leakage. All joints, penetrations, and other openings in the building envelope that are potential sources of air leakage must be gasketed, gasketed, or weather-stripped.
§ 110.7:	Insulation Certification by Manufacturers. Insulation must be certified by the Department of Consumer Affairs, Bureau of Household Goods and Services (BHGS).
§ 110.8(a):	Insulation Requirements for Heated Slab Floors. Heated slab floors must be insulated per the requirements of § 110.8(g).
§ 110.8(b):	Roofing Products Solar Reflectance and Thermal Emittance. The thermal emittance and aged solar reflectance values of the roofing material must meet the requirements of § 110.8(f) and be labeled per § 110-113 when the installation of a cool roof is specified on the CFR.
§ 110.8(c):	Radiant Barrier. When required, radiant barriers must have an emittance of 0.05 or less and be certified to the Department of Consumer Affairs.
§ 110.8(d):	Roof Deck, Ceiling and Rafter Roof Insulation. Roof decks in newly constructed attics in climate zones 4 and 9-16 area-weighted average U-factor not exceeding U-1.14. Ceiling and rafter nodes minimum R-22 insulation in wood-frame ceiling, or area-weighted average U-factor must not exceed 0.043. Rafter roof alterations minimum R-19 or area-weighted average U-factor of 0.054 or less. Attic access doors must have permanently attached insulation using adhesive or mechanical fasteners. The attic access must be gasketed to prevent air leakage. Insulation must be installed in direct contact with a roof or ceiling which is sealed to limit infiltration and exfiltration, as specified in § 110.7, including but not limited to placing insulation either above or below the roof deck or on top of a drywall ceiling.
§ 150.0(b):	Loose-fill Insulation. Loose fill insulation must meet the manufacturer's required density for the labeled R-value.
§ 150.0(c):	Wall Insulation. Minimum R-13 insulation in 2x4 inch wood framing wall or have a U-factor of 0.102 or less, or R-20 in 2x6 inch wood framing or have a U-factor of 0.071 or less. Opaque non-framed assemblies must have an overall assembly U-factor not exceeding 0.102. Masonry walls must meet Tables 150.1-A or B.*

ELECTRICAL LEGEND

- \$ SINGLE POLE WHERE APPLICABLE
- \$3 THREE WAY
- \$4 FOUR WAY
- \$D DIMMER
- \$VS MANUAL ON/OFF VACANCY SENSOR
- ⊖ DUPLX OUTLET AFCI/TAMPER RESISTANT
- GFIC GROUND FAULT CIRCUIT INTERRUPTER
- ⊕ HALF SWITCHED
- ⊕ DOUBLE DUPLEX
- WP WEATHER PROOF
- 220V 220 VOLTS
- ▶ CABLE TV
- PH TELEPHONE
- CHIMES
- ☐ PUSH BUTTON OR DOOR BELL
- SS GARAGE DOOR SAFETY SENSOR
- Ⓟ PHOTOELECTRIC CELL
- Ⓜ JUNCTION BOX
- ☉ STUB FOR ICE MAKER
- HB ANTI-SYPHON HOSE BIB
- M ELECTRIC METER
- EP (ESP) ELECTRIC PANEL OR SUBPANEL
- FL FLUORESCENT LIGHT
- GDO GARAGE DOOR OPENER CEILING MOUNT
- DW DISH WASHER
- TC TRASH COMPACTOR
- GD GARBAGE DISPOSAL
- FC UNDER CABINET REGISTER
- HR HEATING REGISTER
- FLD FLOOD LIGHT
- SFM SURFACE MOUNTED FIXTURE
- PND PENDANT / HANGING FIXTURE
- WSC WALL SCONCE (VERIFY HEIGHT & TYPE W/ ARCHITECT OR OWNER)
- WML WALL MOUNTED LIGHT STRIP
- EWL EXTERIOR WALL MOUNTED (VERIFY HEIGHT & TYPE W/ OWNER) (LED) DARKSKY COMPLIANT
- RFJ RECESSED FIXTURE (LED TYP.)
- RCD RECESSED, DIRECTIONAL (LED) WALL WASHER
- RWF RECESSED, WATERPROOF GFIC PROTECTED, NON-METALLIC RIM, LIGHT FIXTURE
- EFN EXHAUST FAN & RECESSED FLUORESCENT LIGHT (TO BE 40 LUMENS PER WATT MIN.)
- EHU EXHAUST FAN (50 CFM MIN.) WITH HUMIDISTAT
- CMD CARBON MONOXIDE DETECTOR
- MS SMOKE DETECTOR, STATE MARSHAL APPROVED 110 VOLT INTERCONNECTED W/ BATTERY BACKUP
- MOT MOTION SENSOR
- SMLED SURFACE MOUNTED LED UNDER CABINET LIGHTING
- SMLED SURFACE MOUNTED LED
- LKV LOOSE KEY VALVE
- FG FUEL GAS
- CFW CEILING FAN WITH LIGHTS: CEILING FANS WEIGHING OVER 35 LBS. CANNOT BE SUPPORTED BY AN ELECTRICAL BOX. THEY MUST BE SUPPORTED AS REQUIRED BY 310-23 & 422-12.
- IUC INTERCOM UNIT / SECURITY PANEL (AS NOTED) - OPTIONAL
- AIR AIR ASSISTANCE FOR DRYER EXHAUST



PROPOSED SECOND FLOOR ELECTRICAL PLAN
SCALE: 1/4" = 1'-0" NORTH

2022 Single-Family Residential Mandatory Requirements Summary

- § 110.5: Pilot Lights. Continuously burning pilot lights are prohibited for natural gas fan-type central furnaces; household cooking appliances (except appliances without an electrical supply voltage connection with pilot lights that consume less than 150 Btu per hour); and pool and spa heaters.
- § 150.0(h): Building Cooling and Heating Loads. Heating and/or cooling loads are calculated in accordance with the ASHRAE Handbook, Equipment Volume, Applications Volume, and Fundamentals Volume; the SMACNA Residential Comfort System Installation Standards Manual; or the ACCA Manual J using design conditions specified in § 150.0(h)(2).
- § 150.0(h)(3A): Clearances. Air conditioner and heat pump outdoor condensing units must have a clearance of at least five feet from the outlet of any dryer.
- § 150.0(h)(3B): Liquid Line Drain. Air conditioners and heat pump systems must be equipped with liquid line filter driers if required, as specified by the manufacturer's instructions.
- § 150.0(i): Water Piping, Solar Water-Heating System Piping, and Space Conditioning System Line Insulation. All domestic hot water piping must be insulated as specified in § 608.11 of the California Plumbing Code.
- § 150.0(i)(1): Insulation Protection. Piping insulation must be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind as required by § 120.3(b). Insulation exposed to weather must be water resistant and protected from UV light (no adhesive tapes). Insulation covering chilled water piping and refrigerant suction piping located outside the conditioned spaces must be insulated, or be protected by a Class I vapor retarder. Pipe insulation buried below grade must be installed in a waterproof and non-combustible casing or sleeve.
- § 150.0(j): Gas or Propane Water Heating Systems. Systems using gas or propane water heaters to serve individual dwelling units must designate a space at least 2.5 x 2.5 x 7' suitable for the future installation of a heat pump water heater, and meet electrical and plumbing requirements, based on the distance between this designated space and the water heater location, and a condensate drain no more than 2" higher than the base of the water heater.
- § 150.0(j)(3): Solar Water-Heating Systems. Solar water-heating systems and collectors must be certified and rated by the Solar Rating and Certification Corporation (SRCC), the International Association of Plumbing and Mechanical Officials, Research and Testing (IAPMO RST), or by a listing agency that is approved by the executive director.

Ducts and Fans

- § 110.0(6)(3): Ducts. Insulation installed on an existing space-conditioning duct must comply with § 604.0 of the California Mechanical Code (CMC). If a contractor installs the insulation, the contractor must certify to the customer, in writing, that the insulation meets this requirement.
- § 150.0(m)(1): CMC Compliance. All air-distribution system ducts and plenums must meet CMC §§ 607.0, 606.0.3 and ANSI/SMACNA-100-2008 HVAC Duct Construction Standards Metal and Flexible 3rd Edition. Portions of supply-air and return-air ducts and plenums must be insulated to R-6 or higher; ducts located entirely in conditioned spaces as confirmed through field verification and diagnostic testing (RA3.4.3.8) do not require insulation. Connections of metal ducts and inner cores of flexible ducts must be mechanically fastened. Openings must be sealed with mastic, tape, or other duct-closure system that meets the applicable UL requirements, or a sealant that meets UL 723. The combination of mastic and either mastic or tape must be used to seal openings greater than 1/2". If mastic or tape is used, building cavities, air handler support platforms, and plenums designed or constructed with materials other than sealed steel metal duct board or flexible duct must not be used to convey conditioned air. Building cavities and support platforms may contain ducts; ducts installed in these spaces must not be compressed.
- § 150.0(m)(2): Factory-Fabricated Duct Systems. Factory-fabricated duct systems must comply with applicable requirements for duct construction, connections, and closures; joints and seams of duct systems and their components must not be sealed with cloth back rubber adhesive duct tapes unless such tape is used in combination with mastic and draw bands.
- § 150.0(m)(3): Field-Fabricated Duct Systems. Field-fabricated duct systems must comply with applicable requirements for: pressure-sensitive tapes, mastics, sealants, and other requirements specified for duct construction.
- § 150.0(m)(7): Backdraft Damper. Fan systems that exchange air between the conditioned space and outdoors must have backdraft or automatic dampers.
- § 150.0(m)(8): Gravity Ventilation Dampers. Gravity ventilation systems serving conditioned spaces must have either automatic or readily accessible, manually operated dampers in all openings to the outdoors, except combustion that and ducted air openings and elevator shaft vents. Protection of insulation. Insulation must be protected from damage due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather must be suitable for outdoor service (e.g., protected by aluminum, sheet metal, painted canvas, or plastic cover). Cellular foam insulation must be protected as above and with a water resistant and solar radiation-resistant coating.
- § 150.0(m)(10): Porous Inner Core Flex Duct. Porous inner cores of flex ducts must have a non-porous layer or air barrier between the inner core and outer vapor barrier.
- § 150.0(m)(11): Duct System Sealing and Leakage Test. When space conditioning systems use forced air duct systems to supply conditioned air in an occupiable space, the ducts must be sealed and duct leakage tested, as confirmed through field verification and diagnostic testing, in accordance with Reference Residential Appendix RA3.1.
- § 150.0(m)(12): Air Filtration. Space conditioning systems with ducts exceeding 10 feet and the supply side of ventilation systems must have MERV 13 or equivalent filters. Filters for space conditioning systems must have a two inch depth or can be one inch if rated per Equation 150.0.A. Clean-filter pressure drop and labeling must meet the requirements in § 150.0(m)(12). Filters must be accessible for regular service. Filter racks or grilles must use gaskets, sealing, or other means to close gaps around the inserted filters to and prevent air from bypassing the filter.

Ventilation and Indoor Air Quality

- § 150.0(j)(1): Requirements for Ventilation and Indoor Air Quality. All dwelling units must meet the requirements of ASHRAE Standard 62.2, Ventilation and Acceptable Indoor Air Quality in Residential Buildings subject to the amendments specified in § 150.0(j)(1).
- § 150.0(j)(1)(B): Central Fan Integrated (CFI) Ventilation Systems. Continuous operation of CFI air handlers is not allowed to provide the whole-dwelling unit ventilation airflow required per § 150.0(j)(1)(C). A motorized damper(s) must be installed on the ventilation duct(s) that prevent the airflow through the space conditioning duct system when the damper(s) is closed and controlled per § 150.0(j)(1)(B)(ii). CFI ventilation systems must have controls that track outdoor air ventilation run time, and either open or close the motorized damper(s) for compliance with § 150.0(j)(1)(C).
- § 150.0(j)(1)(C): Whole-Dwelling Unit Mechanical Ventilation for Single-Family Detached and Townhouses. Single-family detached dwelling units, and attached dwelling units not sharing ceilings or floors with other dwelling units, occupiable spaces, public garages, or commercial spaces must have mechanical ventilation airflow specified in § 150.0(j)(1)(C)(i).
- § 150.0(j)(1)(D): Local Mechanical Exhaust. Kitchens and bathrooms must have local mechanical exhaust; nonresidential kitchens must have demand-controlled exhaust system meeting requirements of § 150.0(j)(1)(D)(i) and nonresidential bathrooms must have demand-controlled or continuous exhaust meeting § 150.0(j)(1)(D)(ii)-iv. Airflow must be measured by the installer per § 150.0(j)(1)(v), and rated for sound per § 150.0(j)(1)(v).
- § 150.0(j)(1)(H): Airflow Measurement and Sound Ratings of Whole-Dwelling Unit Ventilation Systems. The airflow required per § 150.0(j)(1)(C) must be measured by using a flow hood, flow grid, or other airflow measuring device at the fan's inlet or outlet terminals/signatures per Reference Residential Appendix RA3.7. Whole-dwelling unit ventilation systems must be rated for sound per ASHRAE 62.2 § 9.2.4 if no less than the minimum airflow rate required by § 150.0(j)(1)(C).
- § 150.0(j)(2): Field Verification and Diagnostic Testing. Whole-Dwelling Unit ventilation airflow, vented range hood airflow and sound rating, and IEV and EMV efficiency must be verified in accordance with Reference Residential Appendix RA3.7. Vented range hoods must be verified per Reference Residential Appendix RA3.7.4.3 to confirm if it is rated by IHL or AHAM to comply with the airflow rates and sound requirements per § 150.0(j)(1)(G).

Pool and Spa Systems and Equipment

- § 110.4(A): Certification by Manufacturers. Any pool or spa heating system or equipment must be certified to have all of the following compliance with the Appliance Efficiency Regulations and listing in MAEDOS: an on-off switch mounted outside of the heater that allows shutting off the heater without adjusting the thermostat setting; a permanent weatherproof plate or card with operating instructions; and must not use electric resistance heating.
- § 110.4(B)(1): Piping. Any pool or spa heating system or equipment must be installed with at least 3/8 inch of pipe between the filter and the heater, or between the return line, or built-in bulkhead connections to allow for future solar heating.
- § 110.4(B)(2): Covers. Outdoor pools or spas that have a heat pump or gas heater must have a cover.
- § 110.4(B)(3): Directional Intake and Time Switches for Pools. Pools must have directional intake that adequately mix the pool water, and a time switch that will allow pumps to run only during off-peak electricity demand periods.
- § 110.5: Pilot Light. Natural gas pool and spa heaters must have a continuously burning pilot light.
- § 150.0(g): Pool Systems and Equipment Installation. Residential pool systems or equipment must meet the specified requirements for pump sizing, flow rate, piping, filters, and valves.

Lighting

- § 110.8: Lighting Controls and Components. All lighting control devices and systems, ballasts, and luminaires must meet the applicable requirements of § 110.8.
- § 150.0(h)(1A): Luminaires Efficacy. All installed luminaires must meet the requirements in Table 150.0.A, except lighting integral to exhaust fans, kitchen range hoods, food warmers, and garage door openers; caution lighting less than 5 watts; and lighting integral to showers, closets, and linen closets with an efficacy of at least 45 lumens per watt.
- § 150.0(h)(1B): Screw Based Luminaires. Screw based luminaires must contain lamps that comply with Reference Joint Appendix JA6.
- § 150.0(h)(1C): Recessed Downlight Luminaires. Recessed downlights must not contain screw based sockets, must be airtight, and must be sealed with a gasket or caulking. California Electrical Code § 410.116 must also be met.
- § 150.0(h)(1D): Light Sources in Enclosed or Recessed Luminaires. Lamps and other separable light sources that are not compliant with the JAB elevated temperature requirements, including marking requirements, must not be installed in enclosed or recessed luminaires.
- § 150.0(h)(1E): Blank Electrical Boxes. The number of electrical boxes that are more than five feet above the finished floor and do not contain a luminaire or other device shall be no more than the number of bedrooms. These boxes must be served by a dimmer, vacancy sensor control, low voltage wiring, or fan speed control.
- § 150.0(h)(1F): Lighting Integral to Exhaust Fans. Lighting integral to exhaust fans (except when installed by the manufacturer in kitchen exhaust hoods) must meet the applicable requirements of § 150.0(h).

2022 Single-Family Residential Mandatory Requirements Summary

- § 150.0(h)(1G): Screw based luminaires. Screw based luminaires must contain lamps that comply with Reference Joint Appendix JA6.
- § 150.0(h)(1H): Light Sources in Enclosed or Recessed Luminaires. Lamps and other separable light sources that are not compliant with the JAB elevated temperature requirements, including marking requirements, must not be installed in enclosed or recessed luminaires.
- § 150.0(h)(1I): Light Sources in Drawers, Cabinets, and Linen Closets. Light sources internal to drawers, cabinetry or linen closets are not required to comply with Table 150.0.A or be controlled by vacancy sensors provided that they are rated to consume no more than 5 watts of power, emit no more than 150 lumens, and are equipped with controls that automatically turn the lighting off when the drawer, cabinet or linen closet is closed.
- § 150.0(i)(2A): Interior Switches and Controls. All forward phase out dimmers used with LED light sources must comply with NEMA SSL 7A.
- § 150.0(i)(2B): Interior Switches and Controls. Exhaust fans must be controlled separately from lighting systems.
- § 150.0(i)(2A): Accessible Controls. Lighting must have readily accessible wall-mounted controls that allow the lighting to be manually turned on and off.
- § 150.0(i)(2B): Multiple Controls. Controls must not bypass a dimmer, occupant sensor, or vacancy sensor function if the dimmer or sensor is installed to comply with § 150.0(h).
- § 150.0(i)(2C): Mandatory Requirements. Lighting controls must comply with the applicable requirements of § 110.9.
- § 150.0(i)(2D): Energy Management Control Systems. An energy management control system (EMCS) may be used to comply with dimming, occupancy, and control requirements if it provides the functionality of the specified control per § 110.9 and the physical controls specified in § 150.0(i)(2A).
- § 150.0(i)(2E): Automatic Shutoff Controls. In bathrooms, garages, laundry rooms, utility rooms and walk-in closets, at least one installed luminaire must be controlled by an occupancy or vacancy sensor providing automatic off functionality. Lighting inside drawers and cabinets with opaque fronts or doors must have controls that turn the light off when the drawer or door is closed.
- § 150.0(i)(2F): Dimmers. Lighting in habitable spaces (e.g., living rooms, dining rooms, kitchens, and bedrooms) must have readily accessible wall-mounted dimming controls that allow the lighting to be manually adjusted up and down. Forward phase out dimmers controlling LED light sources in these spaces must comply with NEMA SSL 7A.
- § 150.0(i)(2G): Independent controls. Integrated lighting of exhaust fans shall be controlled independently from the fans. Lighting under cabinets or shelves, lighting in display cabinets, and switched outlets must be controlled separately from ceiling-installed lighting.
- § 150.0(i)(3A): Residential Outdoor Lighting. For single-family residential buildings, outdoor lighting permanently mounted to a residential building, or to other buildings on the same lot, must have a manual on/off switch and either a photocell and motion sensor or automatic line switch control or an astronomical time clock. An energy management control system that provides the specified control functionality and meets all applicable requirements may be used to meet these requirements.
- § 150.0(i)(4): Internally Illuminated Address Signs. Internally illuminated address signs must either comply with § 140.8 or consume no more than 5 watts of power.
- § 150.0(i)(5): Residential Garages for Eight or More Vehicles. Lighting for residential parking garages for eight or more vehicles must comply with the applicable requirements for nonresidential garages in §§ 110.9, 120.0, 120.1, 120.2, 140.6, and 141.0.

Solar Readiness

- § 110.1(h)(1): Single-Family Residences. Single-family residences located in subdivisions with 10 or more single-family residences and where the application for a tentative subdivision map for the residence has been deemed complete and approved by the enforcement agency, which do not have a photovoltaic system installed, must comply with the requirements of § 110.1(h)(1)(a).
- § 110.1(h)(2): Minimum Solar Zone Area. The solar zone must have a minimum total area as described below. The solar zone must comply with access, safety, smoke ventilation, and spacing requirements as specified in Title 24, Part 6 or other parts of Title 24 or in any

CERTIFICATE OF COMPLIANCE - RESIDENTIAL PERFORMANCE COMPLIANCE METHOD. Project Name: QUINN RESIDENCE & ADDITION. Calculation Date/Time: 2024-07-16T18:30:07-07:00. Input File Name: QUINN REMODEL & ADDN.rj622x.

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2022 Single-Family Residential Mandatory Requirements Summary. Section 110.0101: Energy System (RES) (RES). Section 110.0102: Energy System (RES) (RES).

2022 Single-Family Residential Mandatory Requirements Summary. Section 110.0103: Energy System (RES) (RES). Section 110.0104: Energy System (RES) (RES).

2022 Single-Family Residential Mandatory Requirements Summary. Section 110.0105: Energy System (RES) (RES). Section 110.0106: Energy System (RES) (RES).

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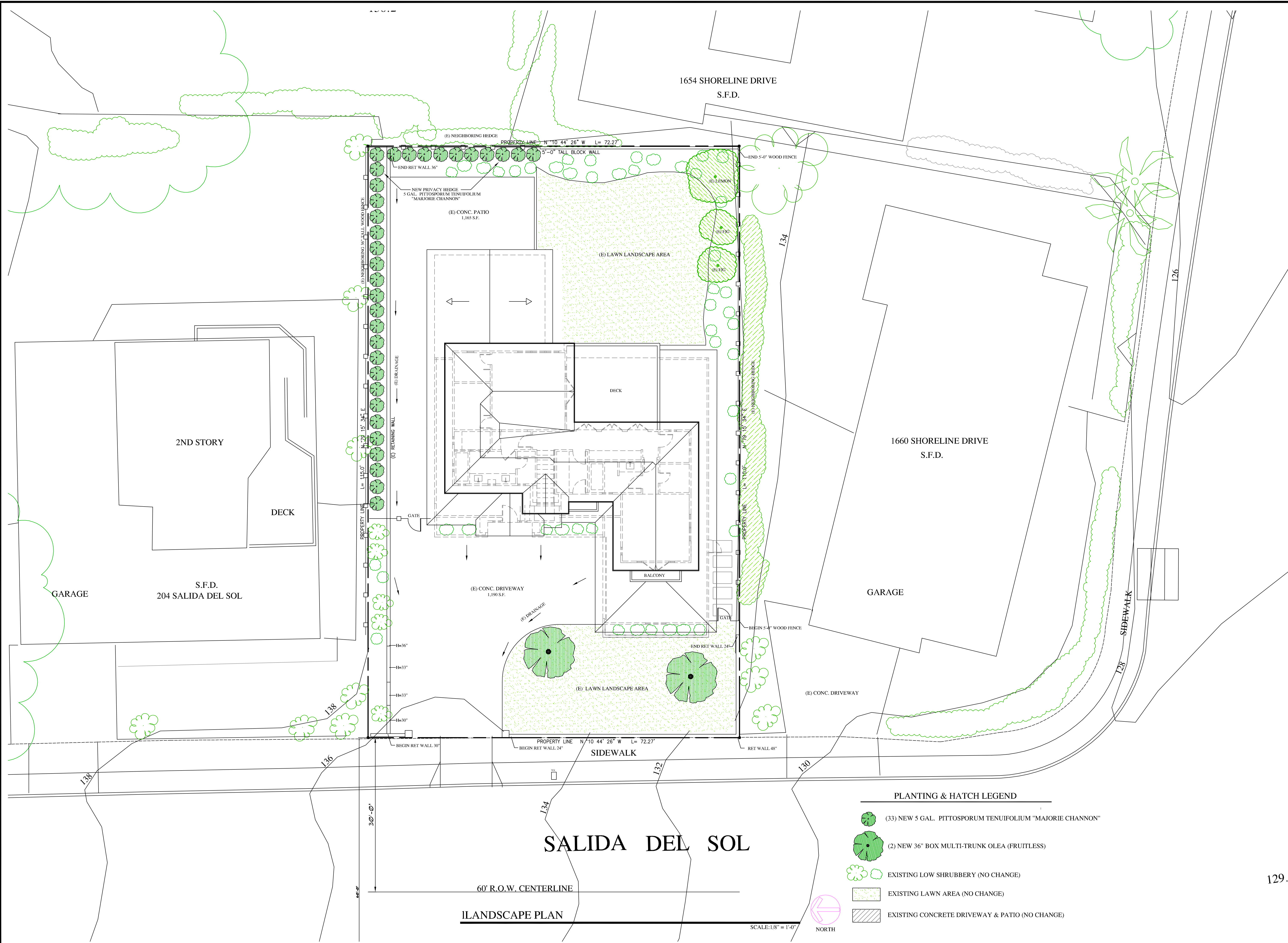
2022 Single-Family Residential Mandatory Requirements Summary. Section 110.0107: Energy System (RES) (RES). Section 110.0108: Energy System (RES) (RES).

2022 Single-Family Residential Mandatory Requirements Summary. Section 110.0109: Energy System (RES) (RES). Section 110.0110: Energy System (RES) (RES).

2022 Single-Family Residential Mandatory Requirements Summary. Section 110.0111: Energy System (RES) (RES). Section 110.0112: Energy System (RES) (RES).

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LANDSCAPE PLAN

QUINN RESIDENCE
 202 SALIDA DEL SOL
 SANTA BARBARA

SHEET DESCRIPTION

PROJECT ADDRESS

REVISIONS	
DATE	

JOB #	202
CAD FILE	
TECHNICIAN	
DATE	7-10-24
SHEET	

L-1

OF SHEETS

129.4



BEST MANAGEMENT PRACTICES:

ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.

STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.

FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.

EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS MUST BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS A SOLID WASTE.

TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.

SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.

ANY SLOPES WITH DISTURBED SOILS OR DEMANDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND OR WATER.

J. GRANT
 DESIGN STUDIO
 DESIGN RENDERING PLANNING
 3040 STATE STREET SUITE 'E'
 SANTA BARBARA, CA 93105
 PH (805) 682-1141
 FAX (805) 682-0586
 E-MAIL
 JGRANTDESIGNSSTUDIO@GMAIL.COM

JASON GRANT DATE

SHEET DESCRIPTION
EXISTING SITE DRAINAGE PLAN

PROJECT ADDRESS
QUINN RESIDENCE
 202 SALIDA DEL SOL
 SANTA BARBARA

REVISIONS

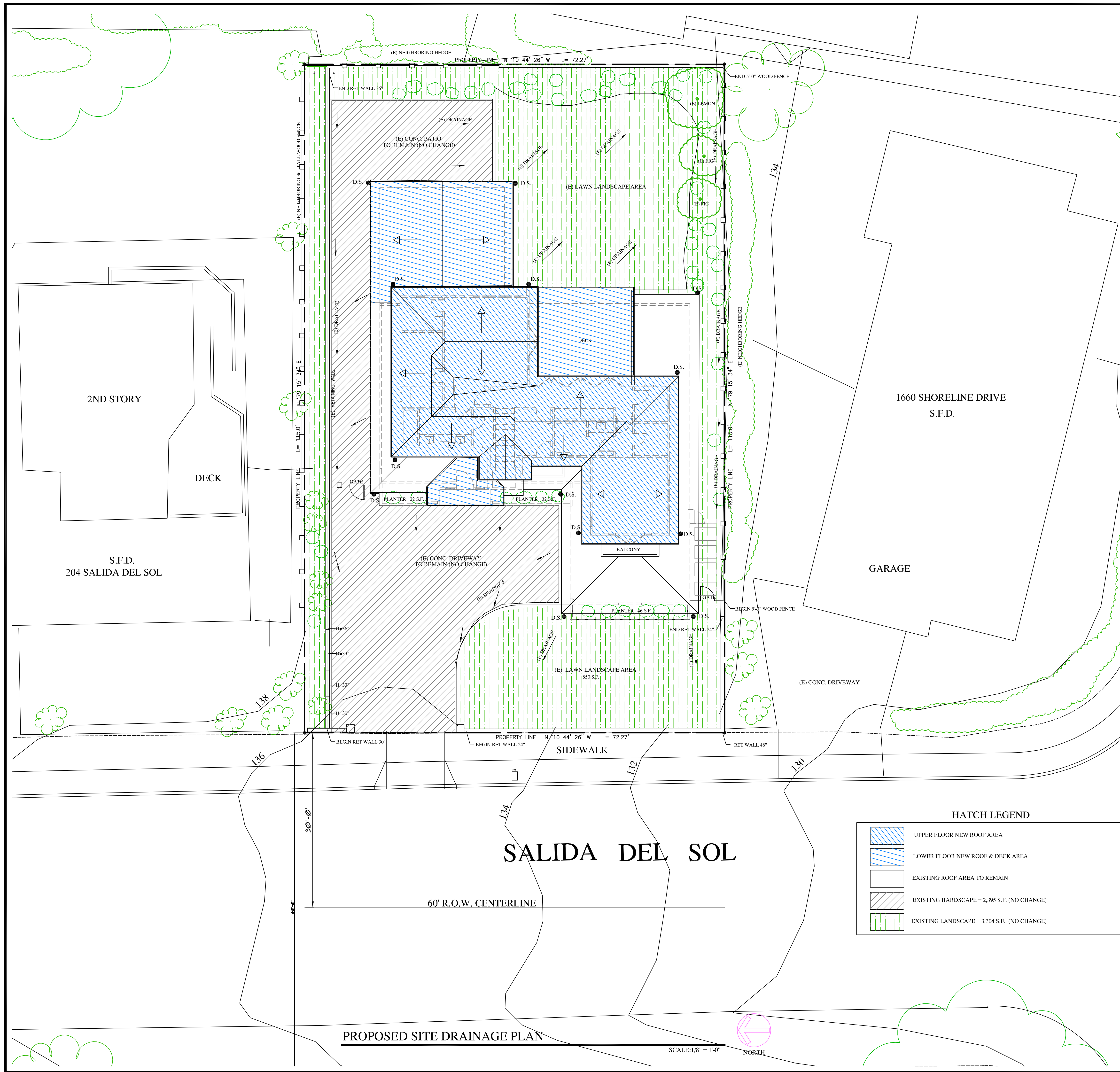
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3-26-24	

JOB # 202
 CAD FILE
 TECHNICIAN
 DATE 3-26-24

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 OF SHEETS

HATCH LEGEND

	EXISTING ROOF AREA = 2,749 S.F.
	EXISTING HARDSCAPE = 2,395 S.F.
	EXISTING LANDSCAPE = 3,304 S.F.



TYPICAL RAIN BARREL DETAIL
MANUFACTURER: IVY RAIN BARREL
50 GAL. CAPACITY

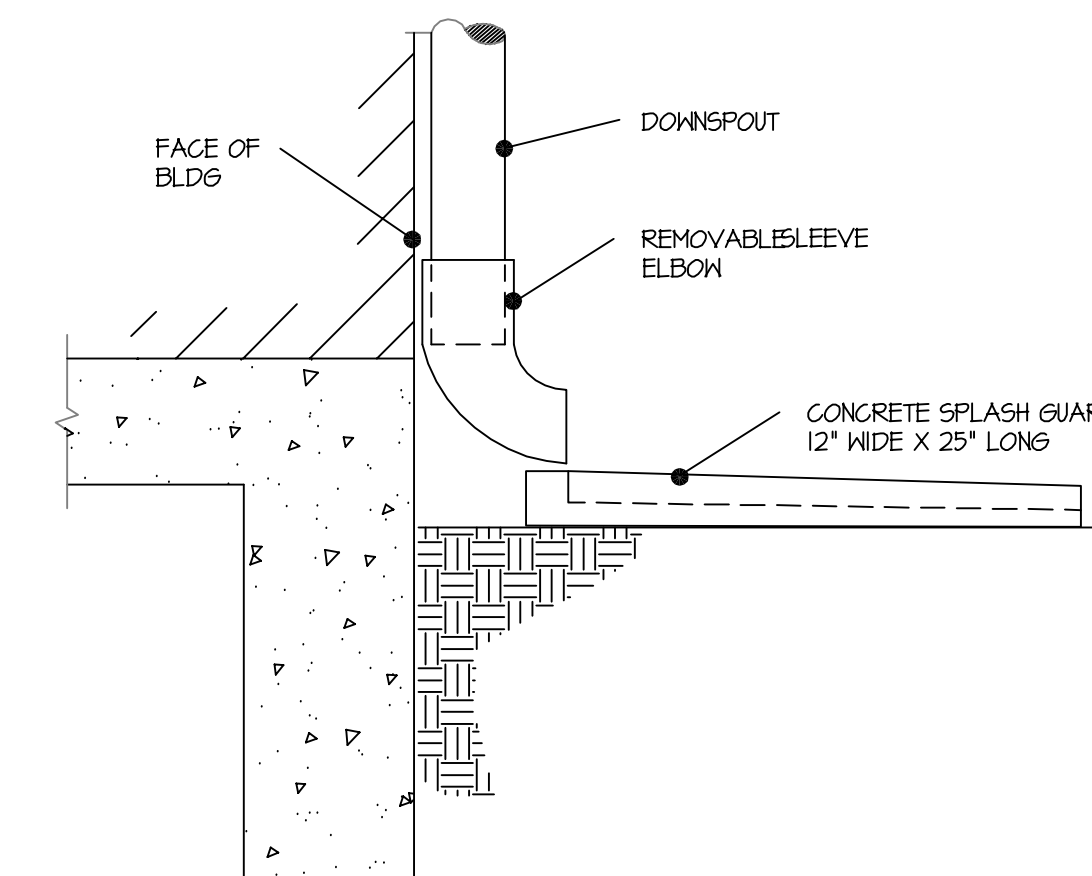


EXISTING & PROPOSED AREA STATISTICS

AREA	SQ. FT.
EXISTING ROOF AREA	2,749 S.F.
EXISTING HARDSCAPE AREA (TO REMAIN)	2,395 S.F.
EXISTING LANDSCAPE AREA (TO REMAIN)	3,304 S.F.
PROPOSED NEW IMPERVIOUS AREA	0 S.F.
PROPOSED REDEVELOPMENT IMPERVIOUS AREA	1,980 S.F.
PROPOSED REMOVED IMPERVIOUS AREA	0 S.F.

SITE DRAINAGE NOTES

- ROOF DOWN SPOUTS TO BE DIRECTED TO LANDSCAPE AREAS
- RAIN BARRELS TO BE USED FOR LANDSCAPE WATER STORAGE AT LOCATIONS SHOWN ON PLAN
 - RAIN BARRELS SITED ABOVE GRADE ON LEVEL SURFACE
 - GUTTERS TRIBUTARY TO RAIN BARRELS ARE SCREENED W/ LEAF GUARDS
 - WATER COLLECTED WILL BE USED FOR IRRIGATION ONLY
 - OPENINGS ARE SCREENED WITH CORROSION-RESISTANT MESH 1/16"
 - LIDS ARE SECURED TO PREVENT ENTRY BY CHILDREN
 - RAIN BARRELS AND GUTTERS ARE CLEANED ANNUALLY
- RAIN BARRELS TO BE USED FOR LANDSCAPE WATER STORAGE AT LOCATIONS SHOWN ON PLAN
 - RAIN BARRELS SITED ABOVE GRADE ON LEVEL SURFACE
 - GUTTERS TRIBUTARY TO RAIN BARRELS ARE SCREENED W/ LEAF GUARDS
 - WATER COLLECTED WILL BE USED FOR IRRIGATION ONLY
- ALL NATURAL SITE DRAINAGE TO SHEET FLOW AWAY FROM FOUNDATION AT A MINIMUM 10 FEET WITH A 5% SLOPE TYPICAL.
- RUNOFF REDUCTION MEASURES FOR THIS SITE ARE:
 - DISPENSE RUNOFF FROM ROOFS OR PAVEMENT TO VEGETATE AREA
 - RAIN BARRELS TO BE USED AT LOCATIONS SHOWN ON PLANS
TYPICAL RAIN BARREL = 50 GAL. STORAGE



TYPICAL DOWN SPOUT SPLASH GUARD

J. GRANT DESIGN STUDIO
DESIGN RENDERING PLANNING
3040 STATE STREET SUITE "E"
SANTA BARBARA, CA 93105
PH (805) 682-1141
FAX (805) 682-0586
E-MAIL
JGRANTDESIGNSTUDIO@GMAIL.COM

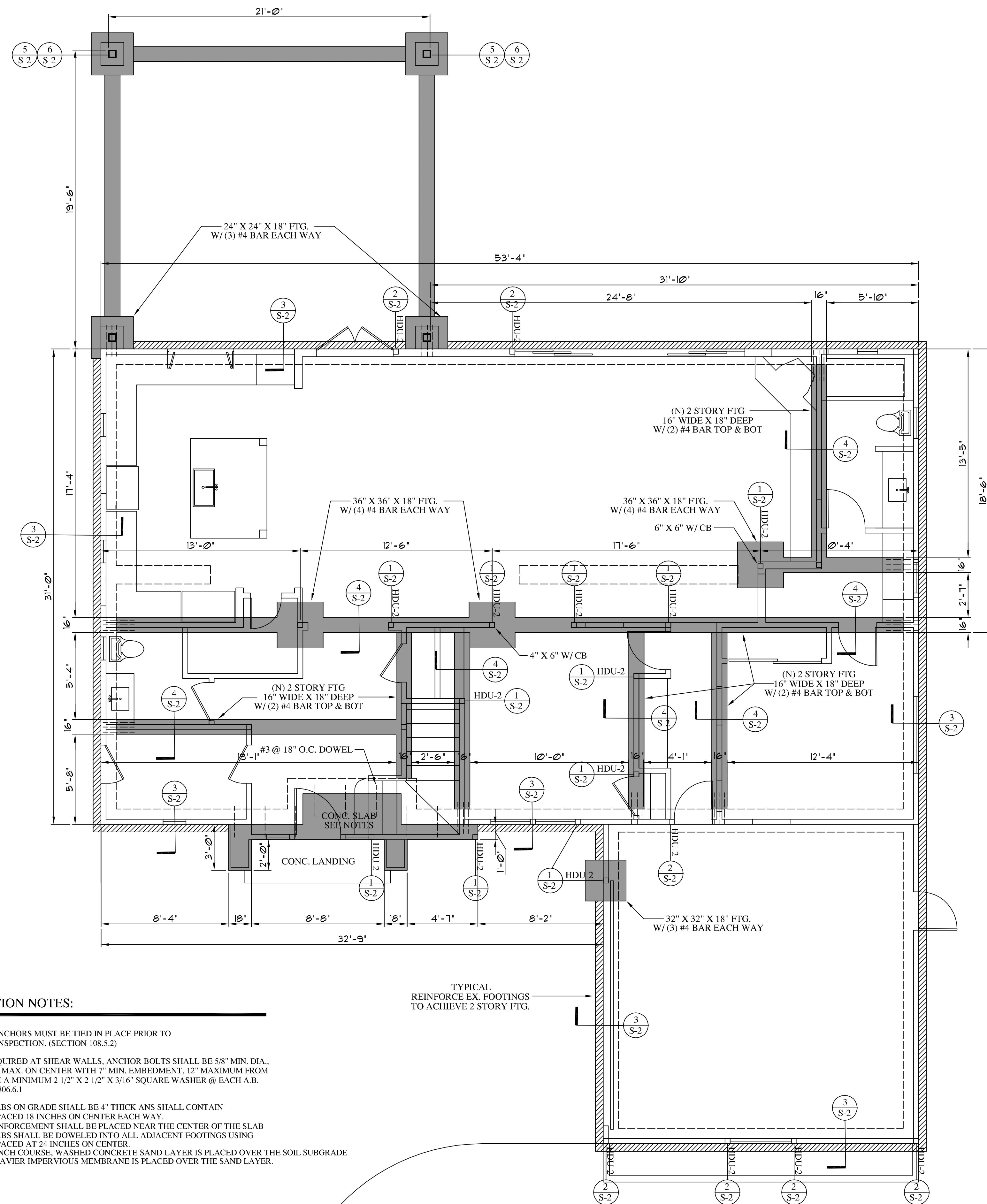
JASON GRANT DATE

TIER 2
PROPOSED SITE DRAINAGE PLAN

QUINN RESIDENCE
202 SALIDA DEL SOL
SANTA BARBARA

PROJECT ADDRESS

REVISIONS	
DATE	3-26-24
UPDATED PER	CREEKS COMMENTS
JOB #	202
CAD FILE	
TECHNICIAN	
DATE	7-10-24
SHEET	T-2
OF SHEETS	



FOUNDATION NOTES:

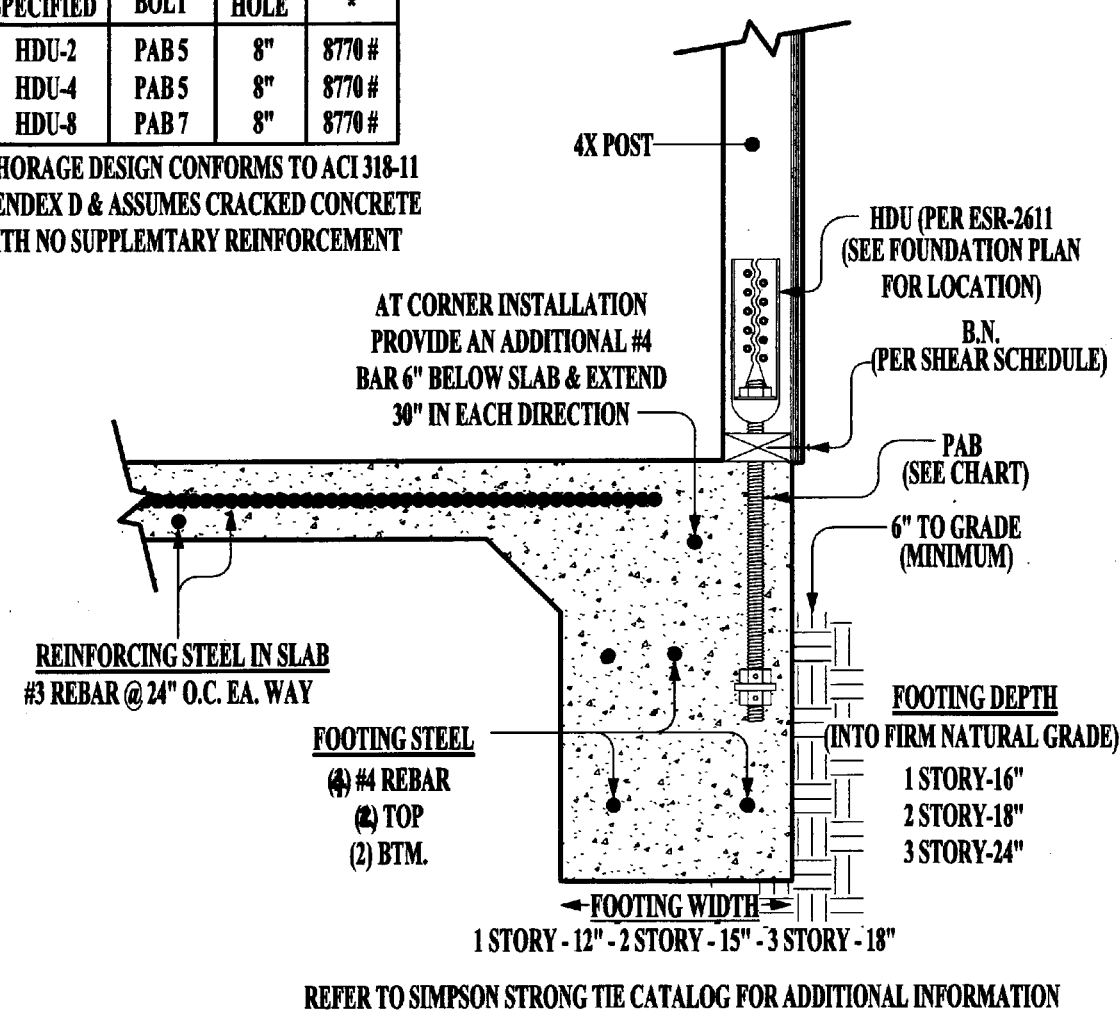
- HOLD DOWN ANCHORS MUST BE TIED IN PLACE PRIOR TO FOUNDATION INSPECTION. (SECTION 108.5.2)
- EXCEPT AS REQUIRED AT SHEAR WALLS, ANCHOR BOLTS SHALL BE 5/8\"/>

FOUNDATION PLAN

SCALE 1/4\"/>

HOLD DOWN SPECIFIED	ANCHOR BOLT	DEPTH OF HOLE	ALLOW UPLIFT *
HDU-2	PAB 5	8"	870#
HDU-4	PAB 5	8"	870#
HDU-8	PAB 7	8"	870#

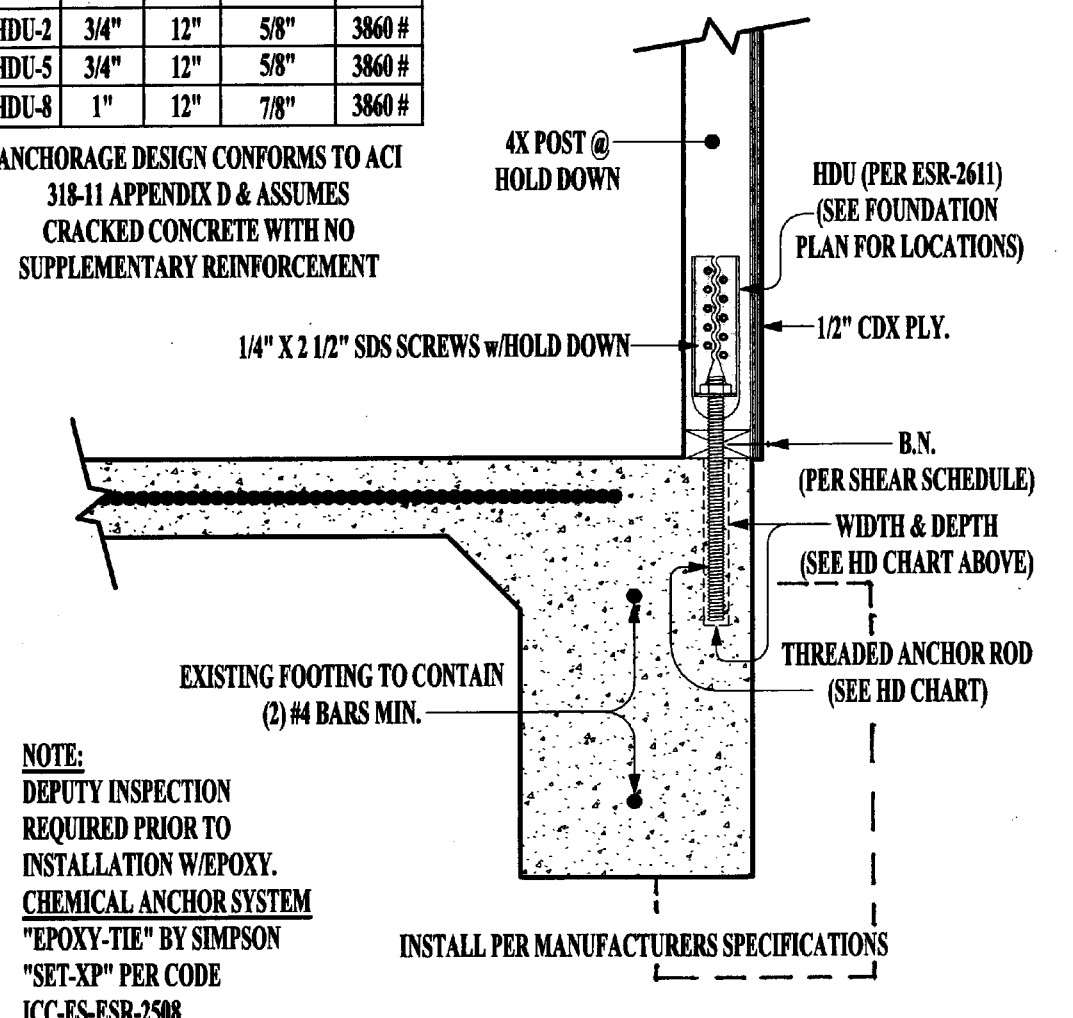
ANCHORAGE DESIGN CONFORMS TO ACI 318-11 APPENDIX D & ASSUMES CRACKED CONCRETE WITH NO SUPPLEMENTARY REINFORCEMENT



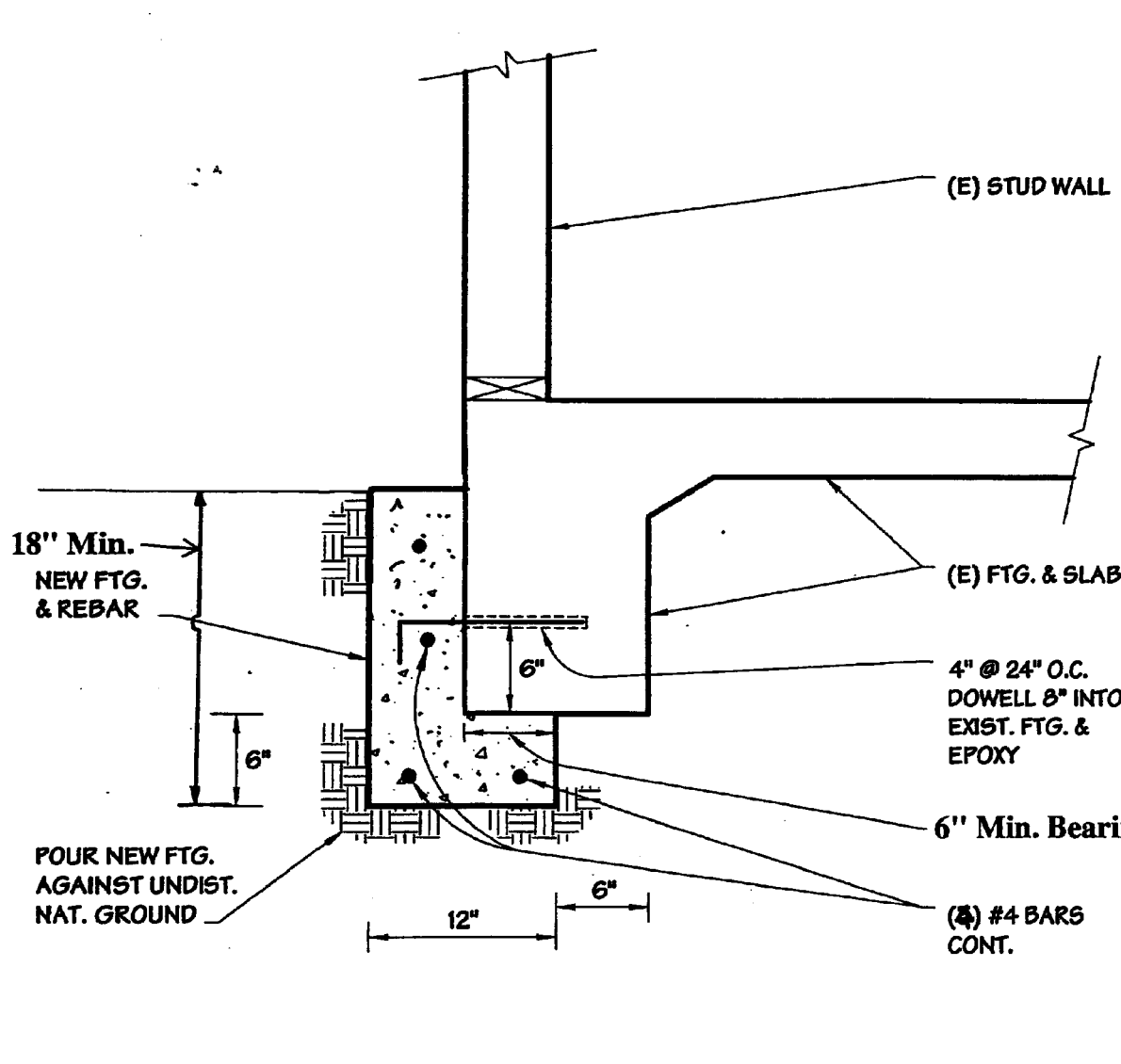
NEW HOLD-DOWN DETAIL NTS 1

HDU 2X4 WALL	WIDTH OF HOLE	DEPTH OF HOLE	THREADED ROD DIAMETER	ALLOW UPLIFT *
HDU-2	3/4"	12"	5/8"	3860#
HDU-5	3/4"	12"	5/8"	3860#
HDU-8	1"	12"	7/8"	3860#

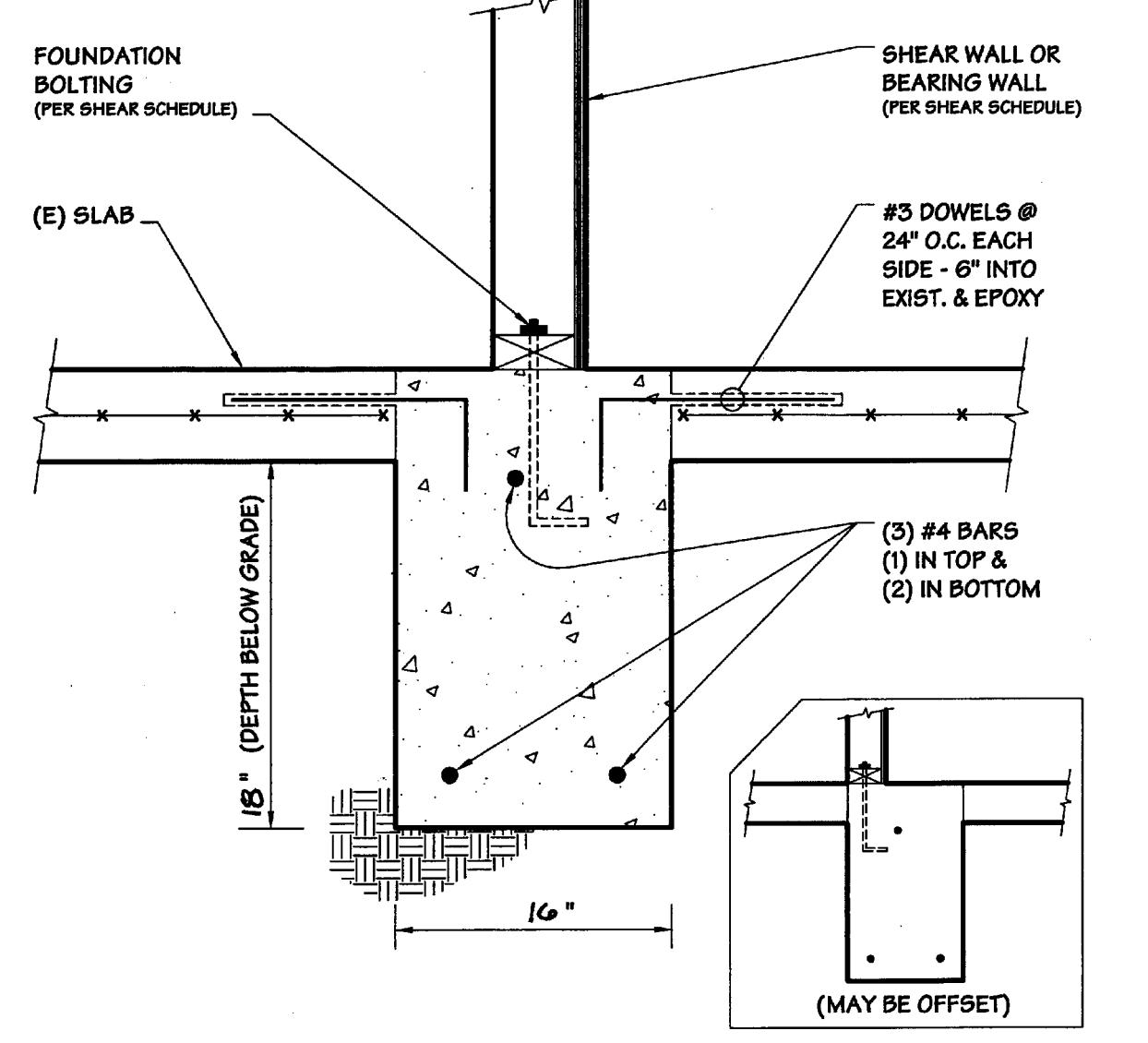
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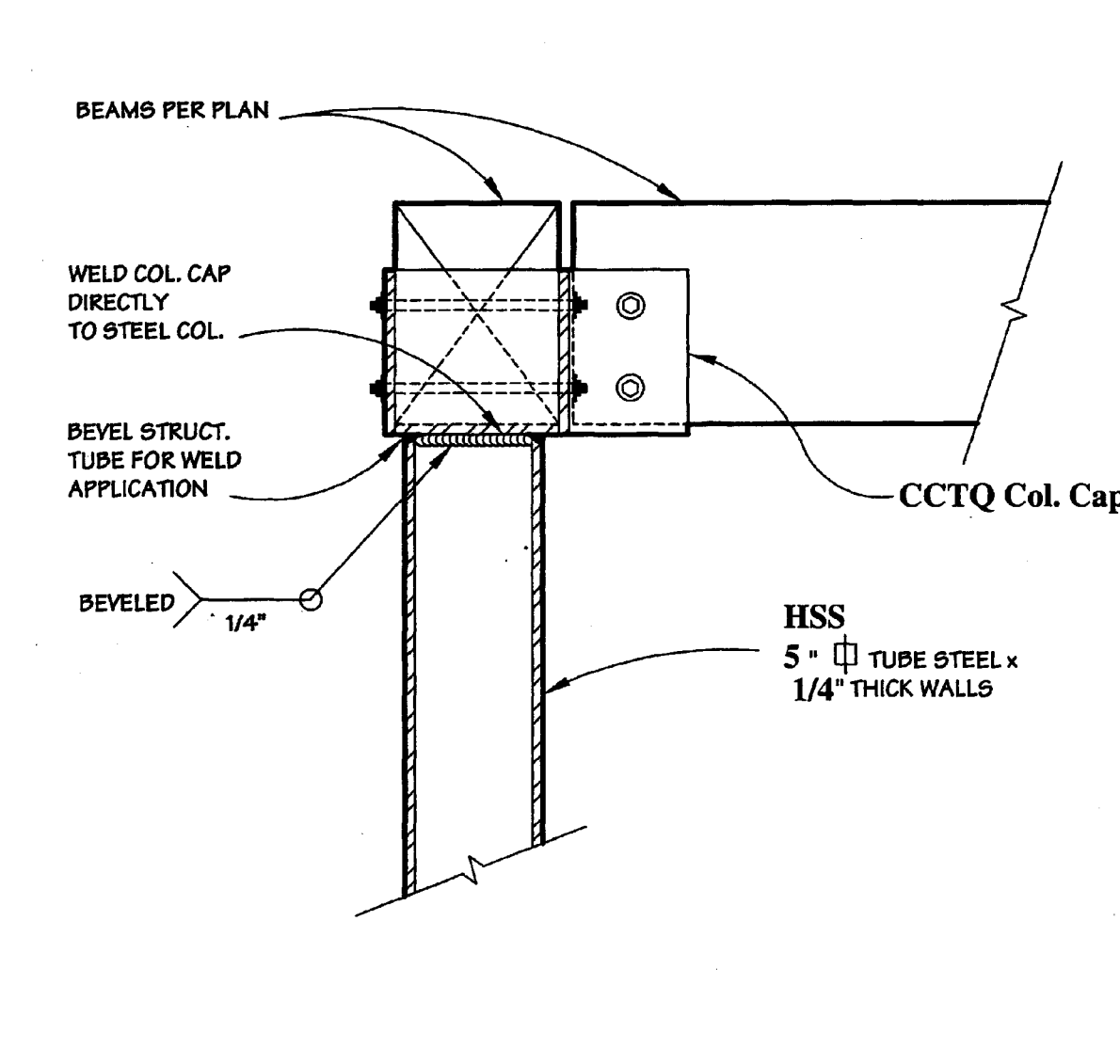
RETRO-FIT HOLD-DOWN DETAIL NTS 2



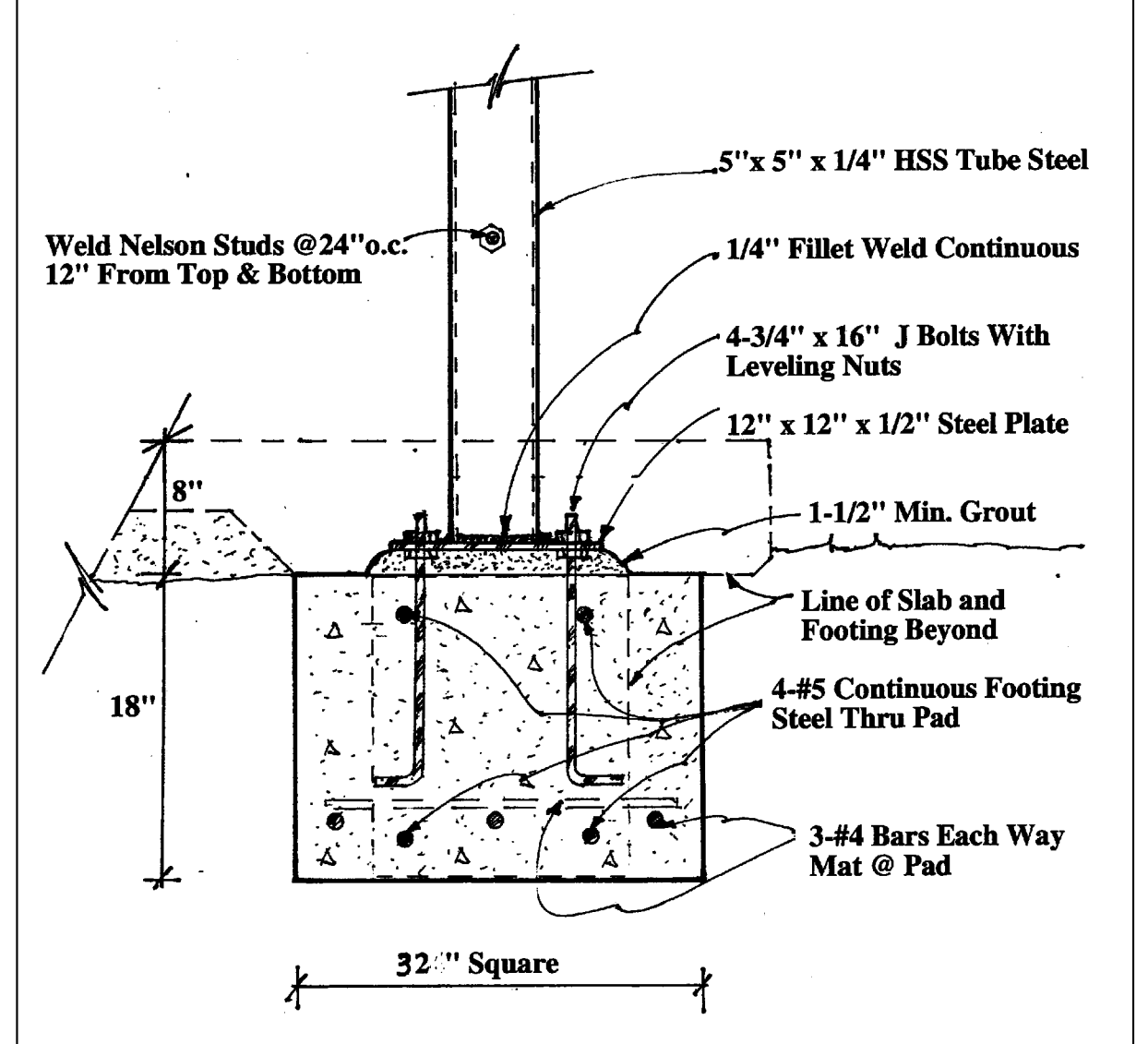
REINFORCED EXISTING FOOTING DETAIL NTS 3



NEW INTERIOR FOOTING DETAIL NTS 4



COLUMN TO BEAM CONNECTION NTS 5



COLUMN FOOTING DETAIL NTS 6

HARDWARE NOTE:

- ALL BOLT HOLES SHALL BE DRILLED 1/32\"/>

REVISIONS

NO.	DESCRIPTION

Gary Frolenko Engineering
 23 Hitchcock Way, suite 104, Santa Barbara 93105
 I.C.E.#27863 (805) 682-3887

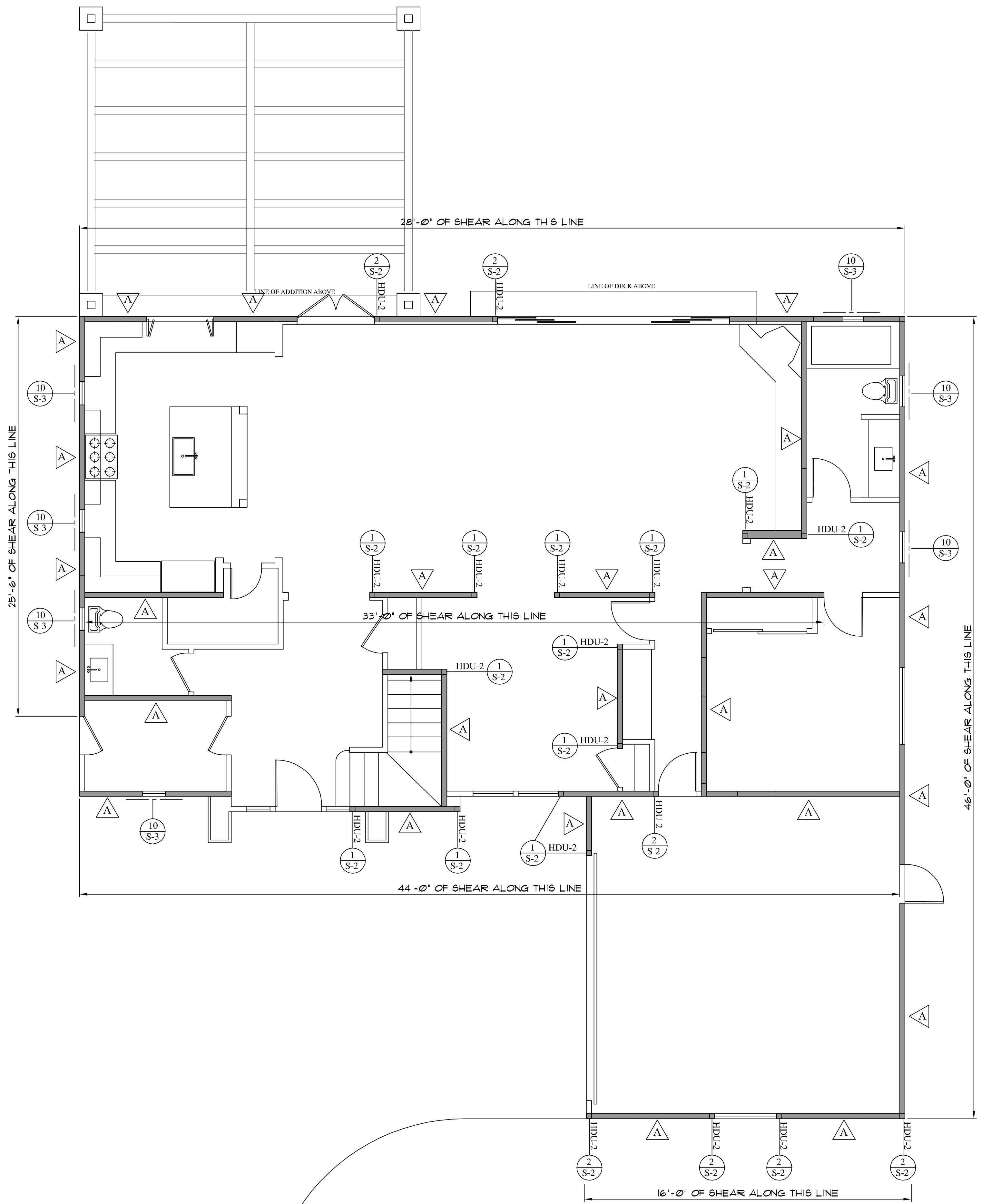
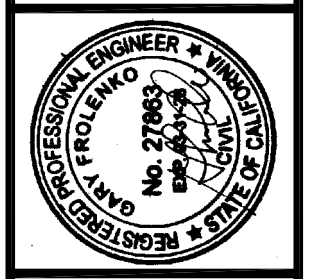
FOUNDATION PLAN

QUINN RESIDENCE
 202 SALIDA DEL SOL
 SANTA BARBARA, CA

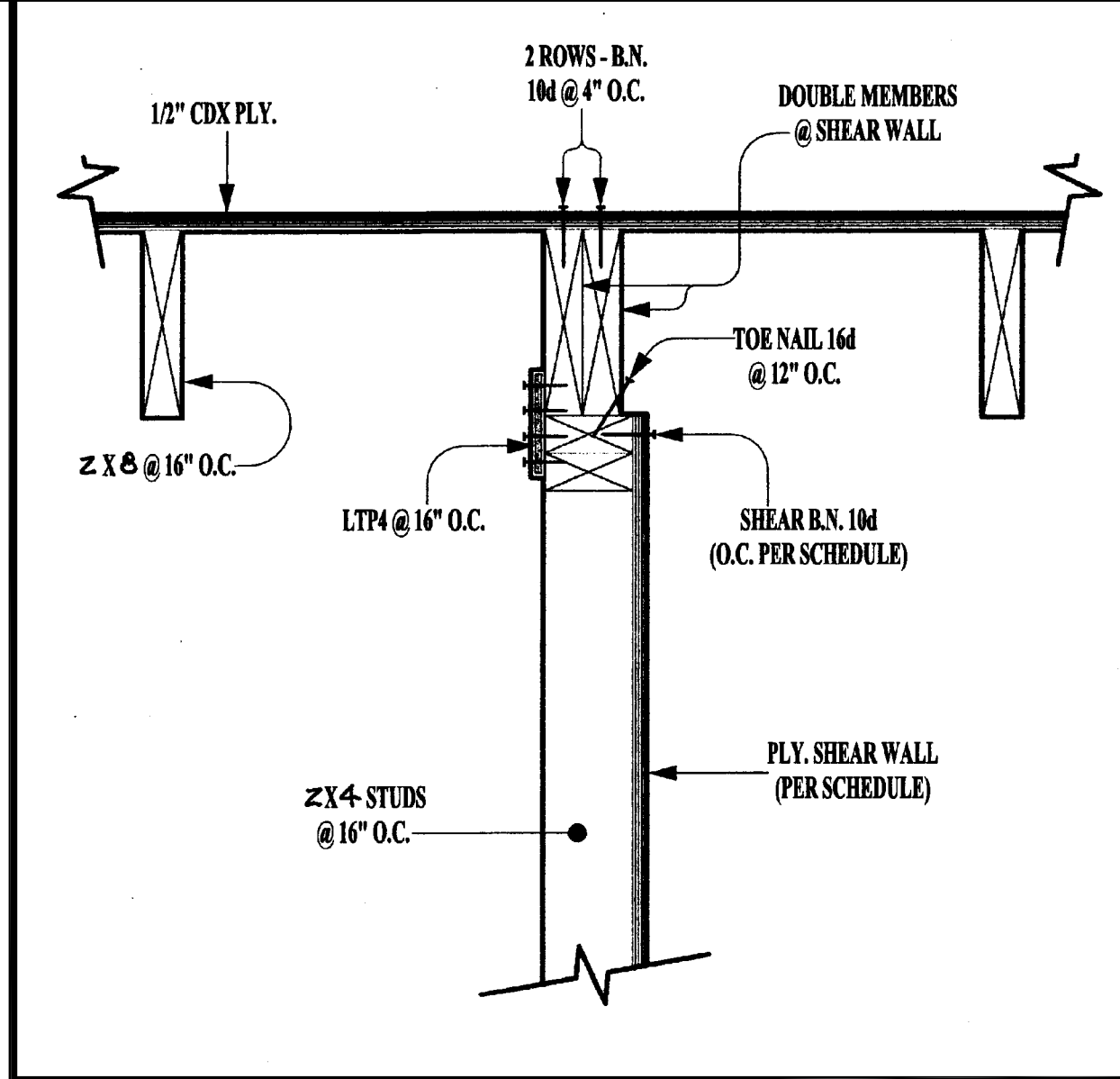
SCALE:
 DATE:
 6-12-24

SHEET
S2

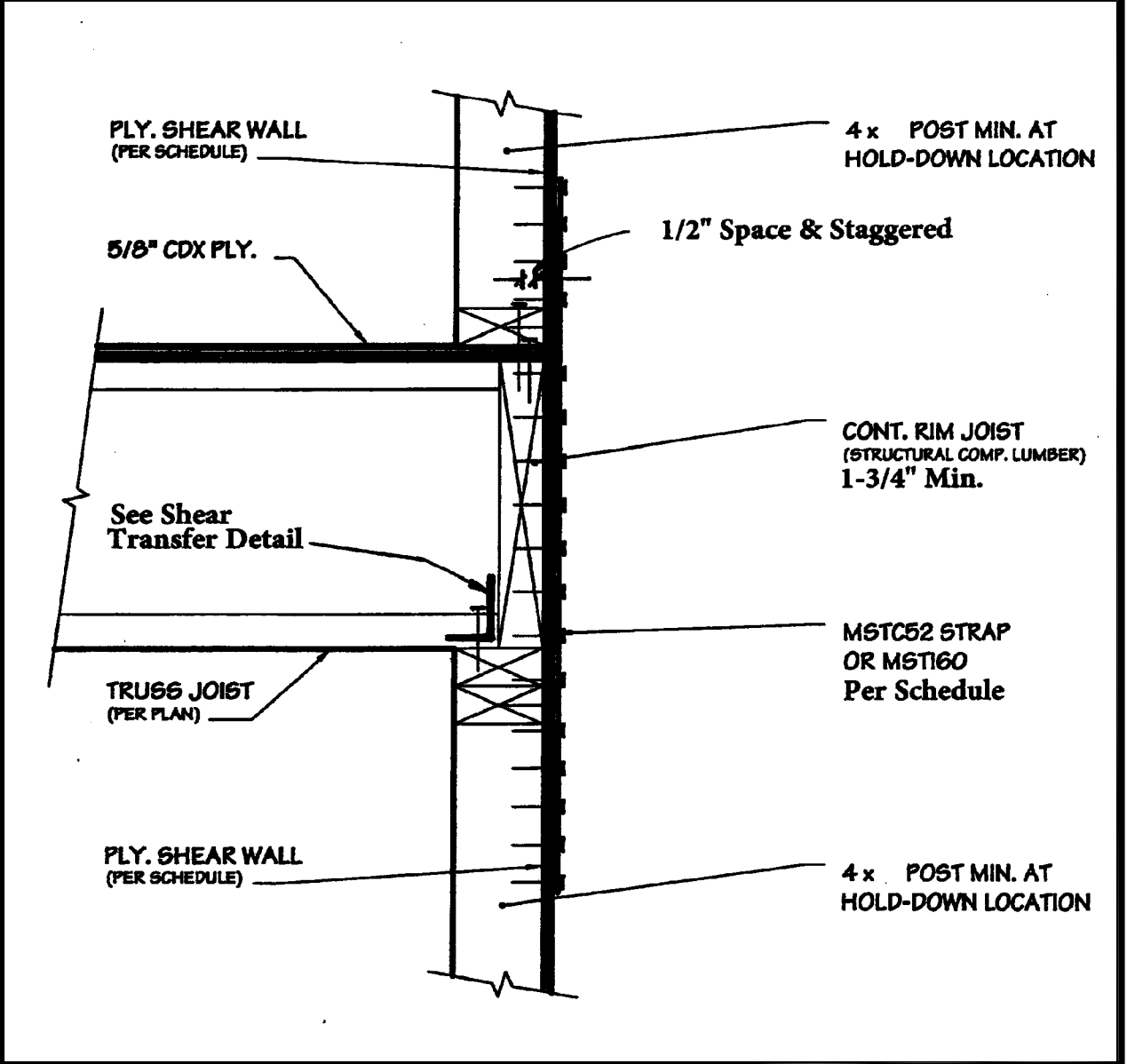
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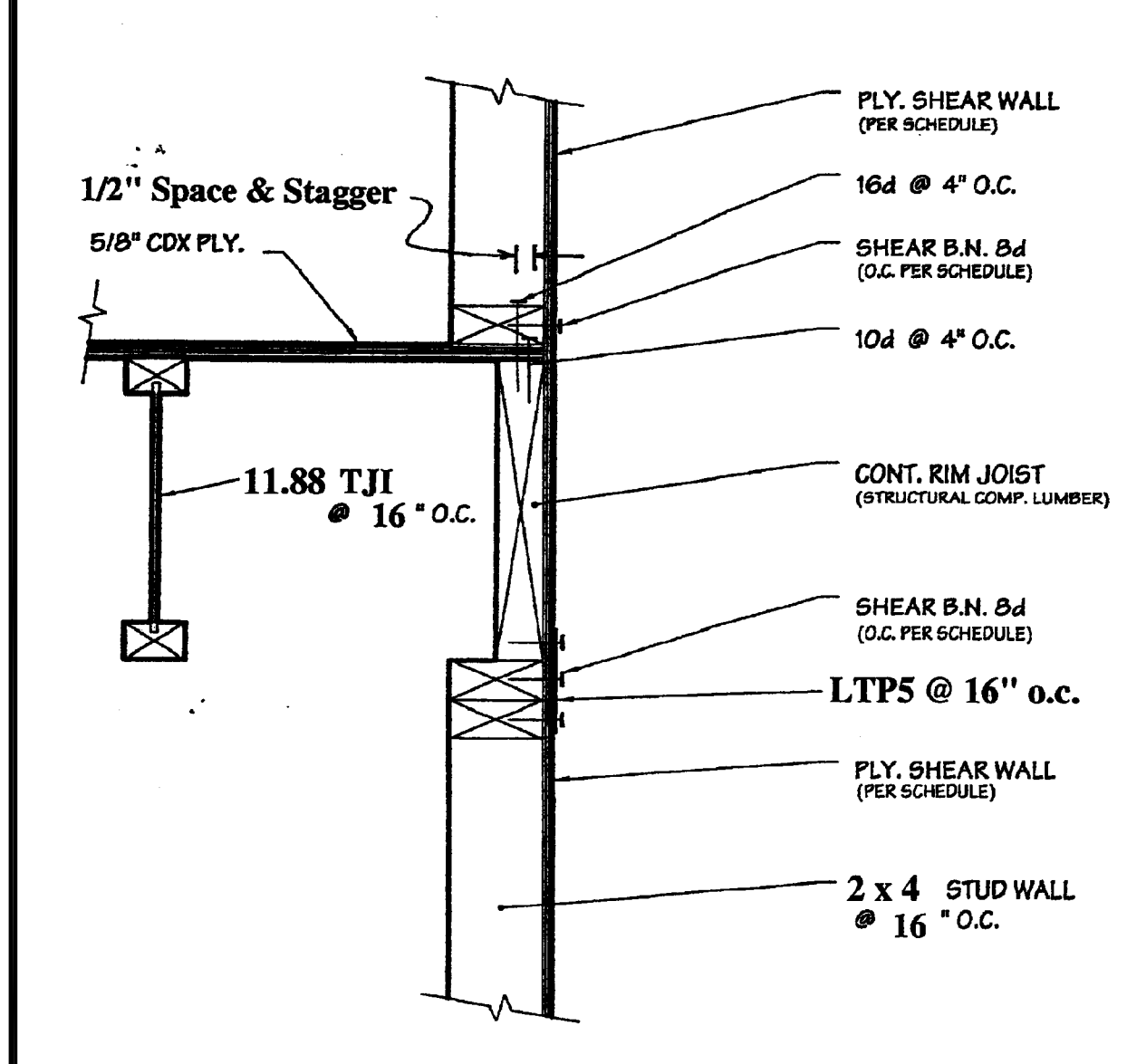
LOWER LATERAL ANALYSIS
 SCALE 1/4" = 1'-0"



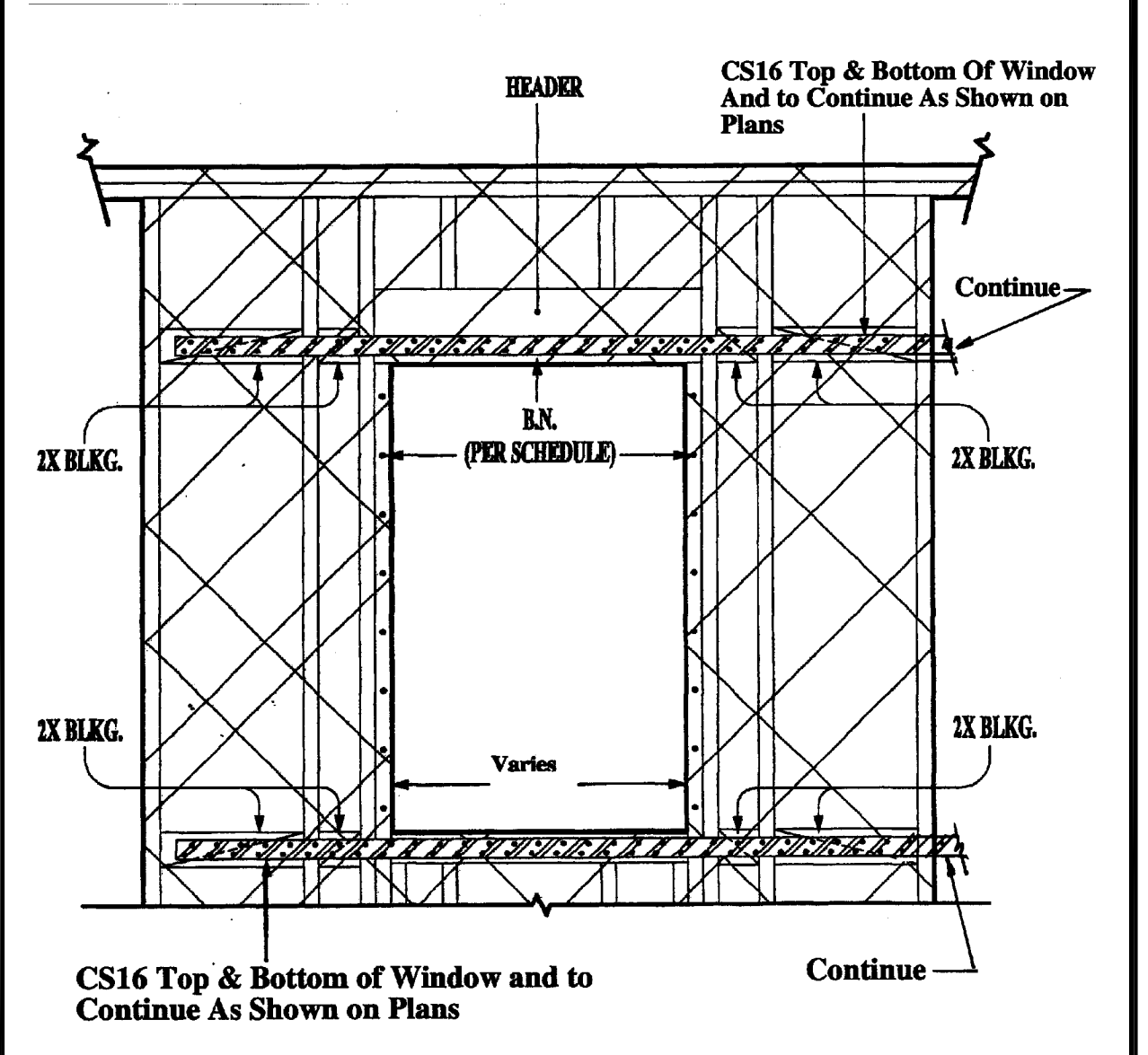
INTERIOR WALL SHEAR TRANSFER NTS 7



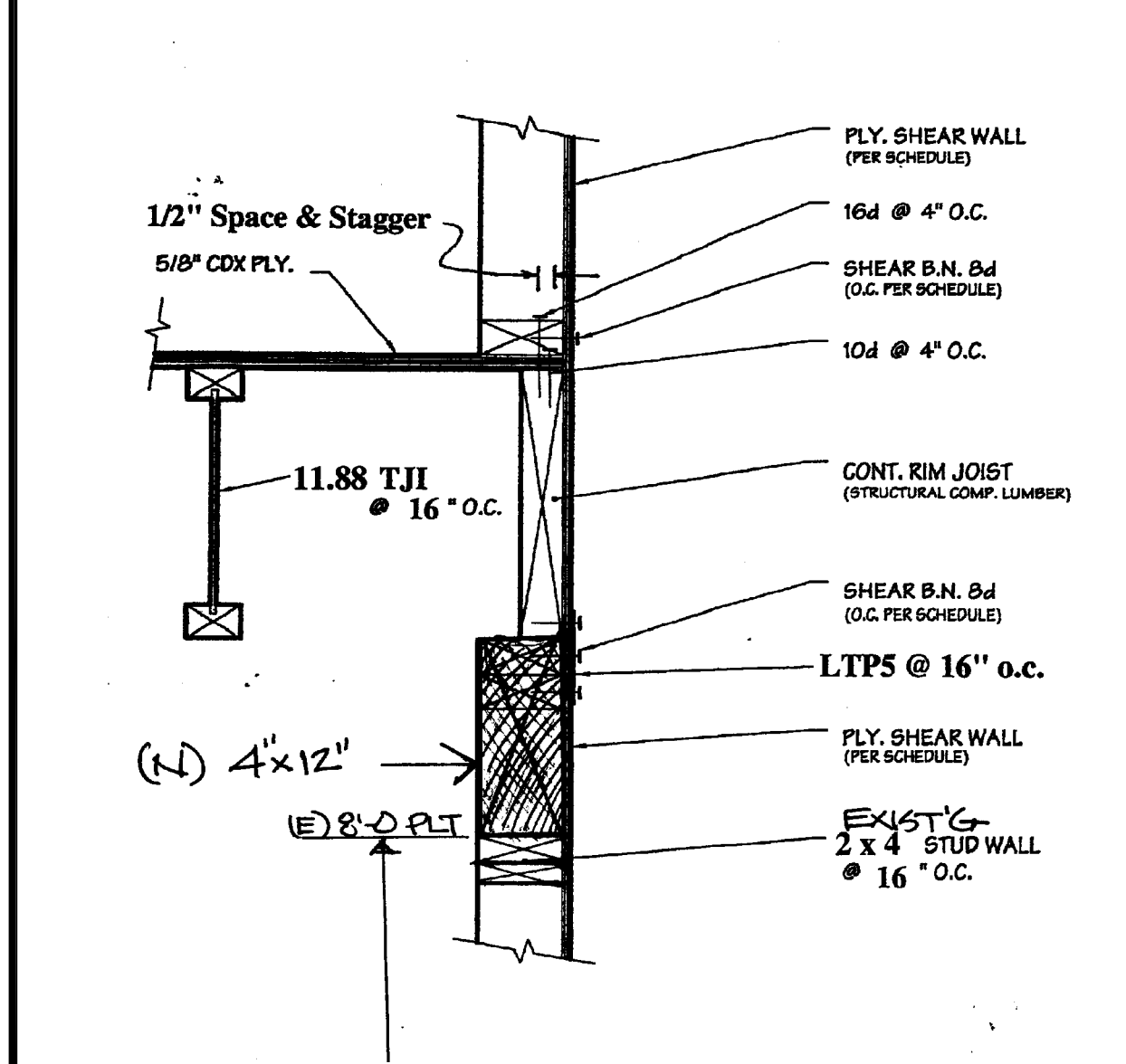
FLOOR TO FLOOR STRAPPING DETAIL NTS 8



SHEAR TRANSFER DETAIL NTS 9



STRAPPING @ SHEAR OPENING NTS 10



SHEAR TRANSFER DETAIL NTS 11

Plywood Shear Panel Schedule

Sym	Structural I	Wall Framing	Application	N.D.S.	
				Maximum Allowable Shear	Wind
A	15"	2x4	Apply One Side	340#/FL	475#/FL
B	32"			510#/FL	715#/FL
C				665#/FL	930#/FL
D				870#/FL	1217#/FL

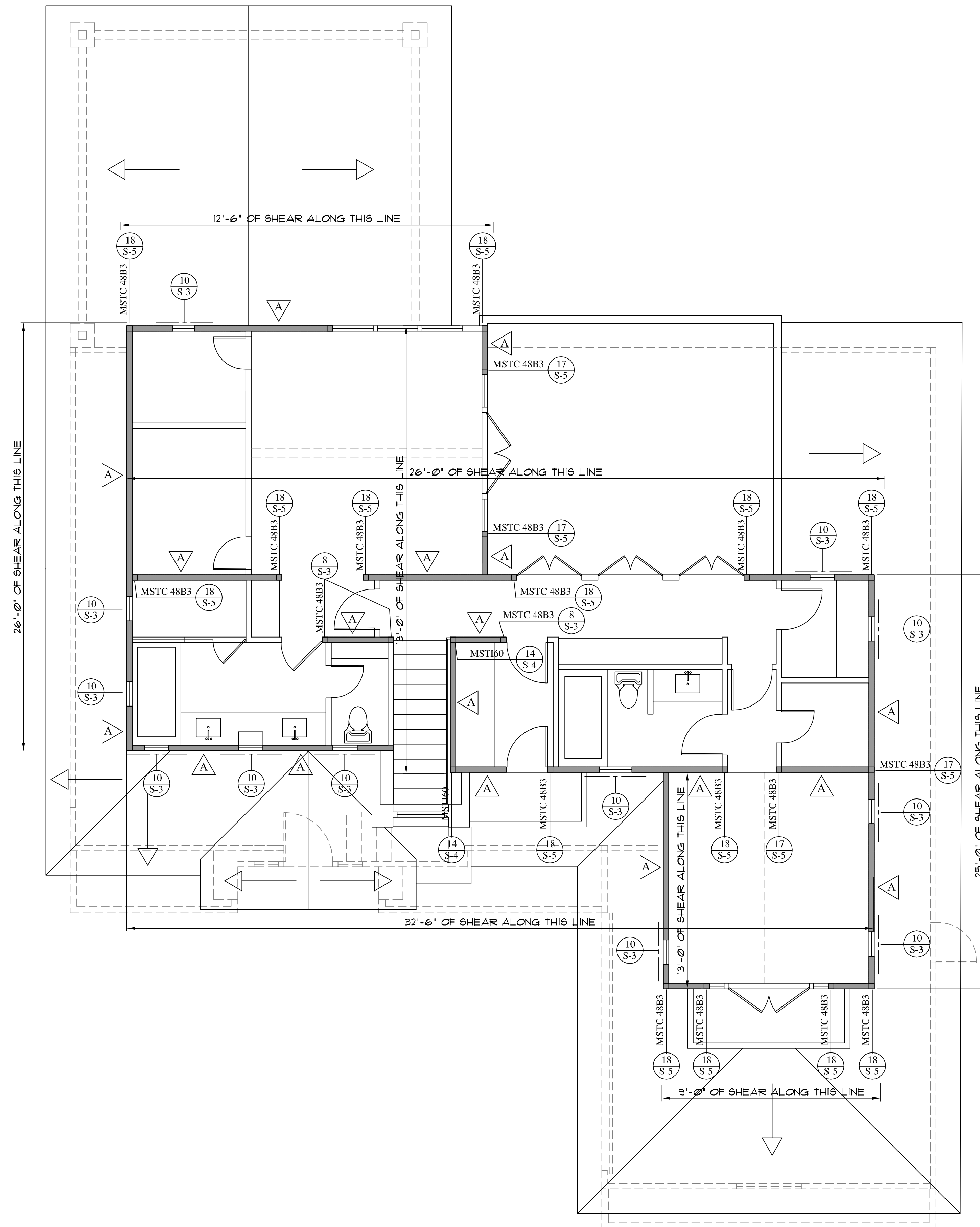
Sym	Max. Shear Used	Nailing Schedule			Anchor Bolt "φ" @ O.C.	Retro-Fit - Threaded Rod w/ 7" Embedment / With Simpson "Set XP"
		Shear Panel B.N. / Edge	Interim Field	Sill Plate Nailing		
A	340#/FT	10d @ 6" O.C.	12" O.C.	16d @ 4" O.C.	5/8" φ @ 32" O.C.	5/8" φ @ 32" O.C.
B	510#/FT	@ 4" O.C.		**SDS @ 6" O.C. w/ 1 3/4" Comp. Lumber	@ 24" O.C.	@ 24" O.C.
C	665#/FT	@ 3" O.C.		**SDS @ 6" O.C. w/ 1 3/4" Comp. Lumber	@ 16" O.C.	@ 16" O.C.
D	870#/FT	@ 2" O.C.		**SDS @ 6" O.C. w/ 1 1/2" Comp. Lumber	@ 16" O.C.	@ 16" O.C.

Notes:
 May Use 3x4 Studs in Lieu of 2x6 Studs
 ** 3x Sill w/ SDS 1/4" x 6" Self-Drilling Screws. Per Shear Schedule to Bltg. Below.
 Continuous
 #1 3/4" Structural Composite Lumber @ Schedule A, B, C
 #1 1/2" Structural Composite Lumber @ Schedule D
 Use 3x Blocking at all Panel Edges.
 Multiple 2x is Acceptable with Stitch Nailing + Stagger Nailing.

Minimum Size for Square Plate Washers
 Plate Washers shall be Provided for all Plywood Shear Wall Sill Plate Anchor Bolts.

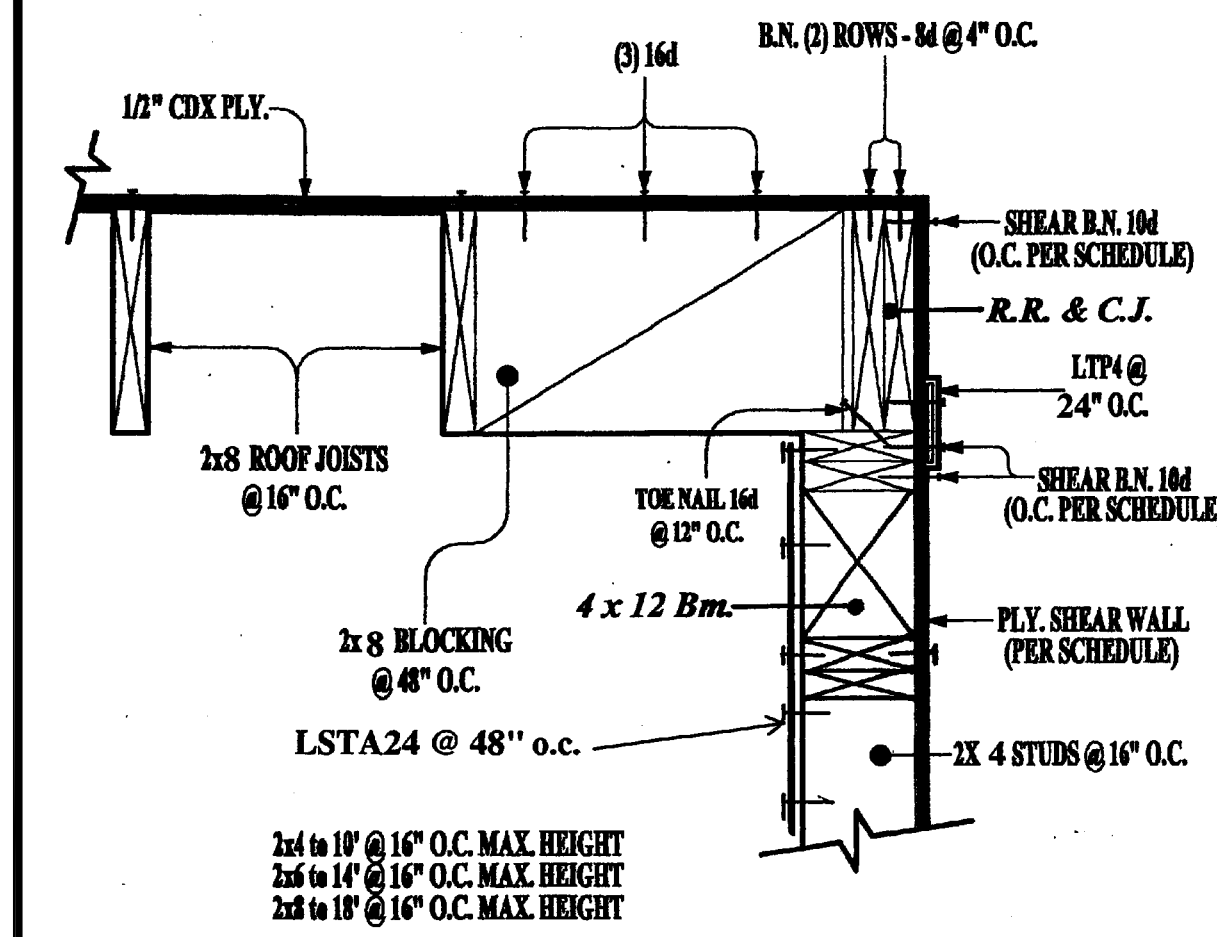
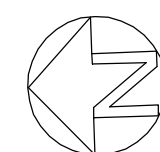
Bolt Size	Plate Size	1 3/4" Structural Composite Lumber @ Schedule A, B, C	1 1/2" Structural Composite Lumber @ Schedule D
5/8" φ	229 x 3" x 3"	3 1/2"	3 1/2"
3/4" φ	516" x 3" x 3"	1	1
7/8" φ	516" x 3" x 3"	1	1

Section View
 Floor Joint
 3/8" - 1/2"
 3/8"
 1/2" Min. End Dist.
 6" Min.
 1"
 7/8"

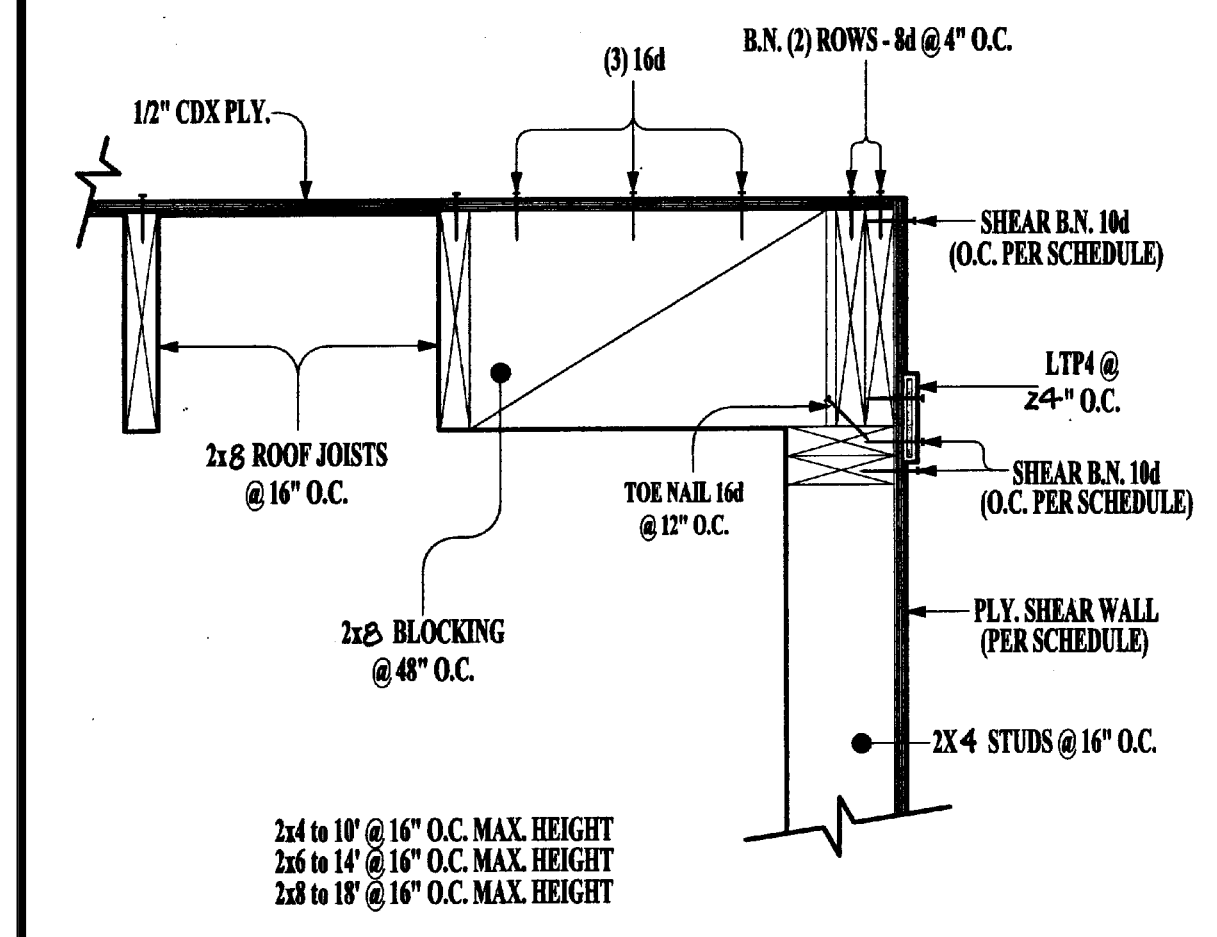


UPPER LATERAL ANALYSIS

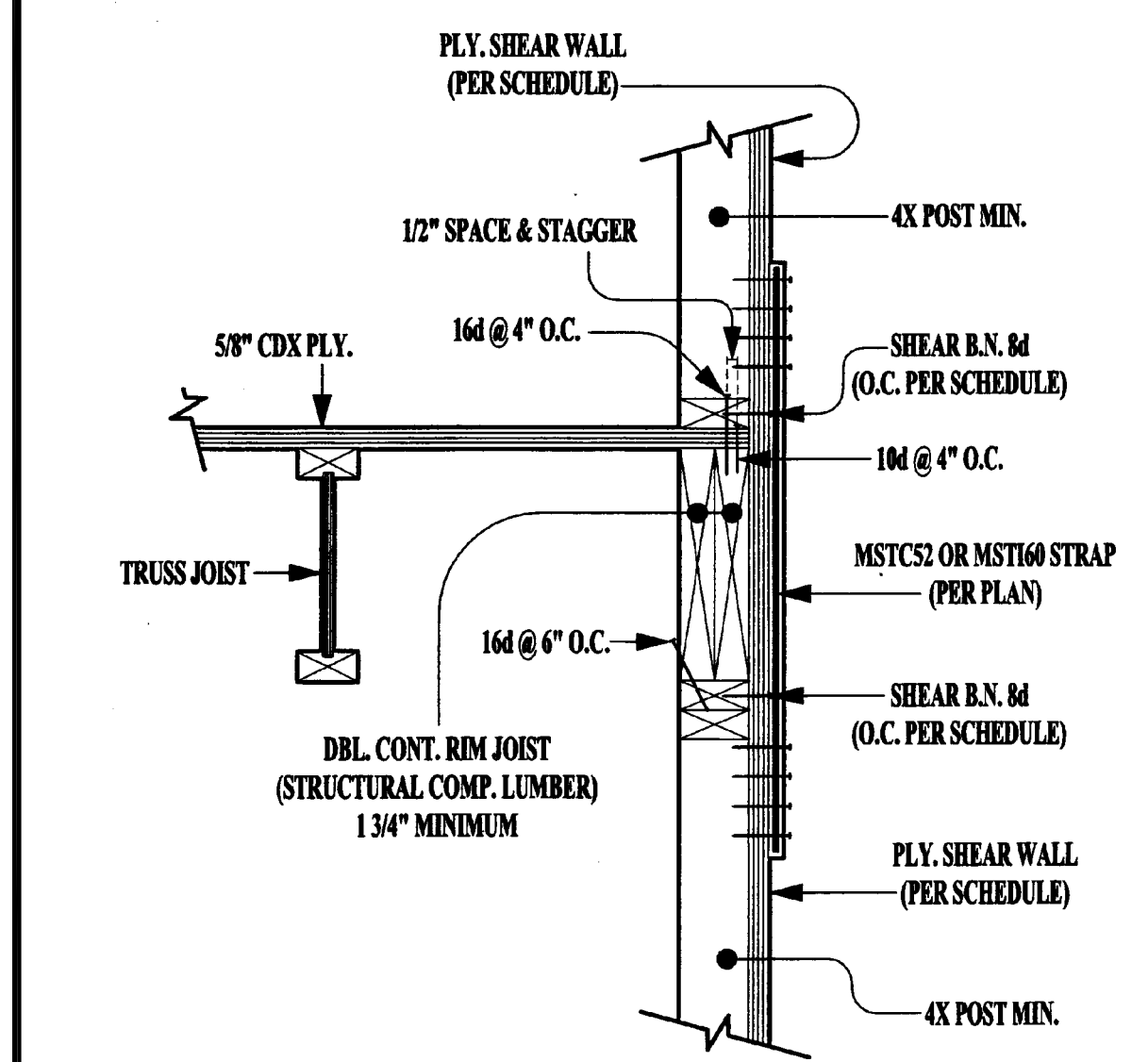
SCALE 1/4" = 1'-0"



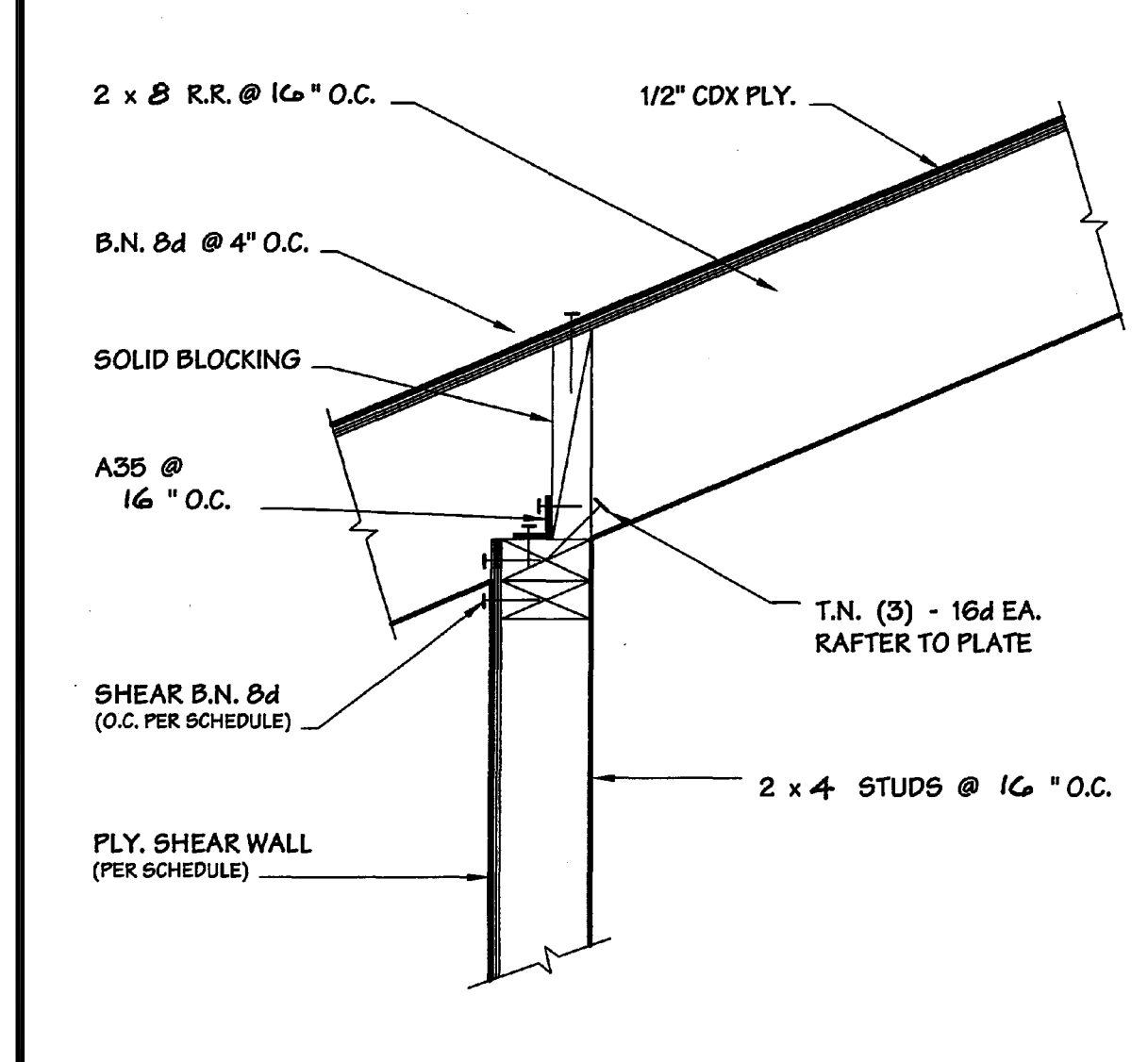
ROOF TO WALL SHEAR TRANSFER NTS 12



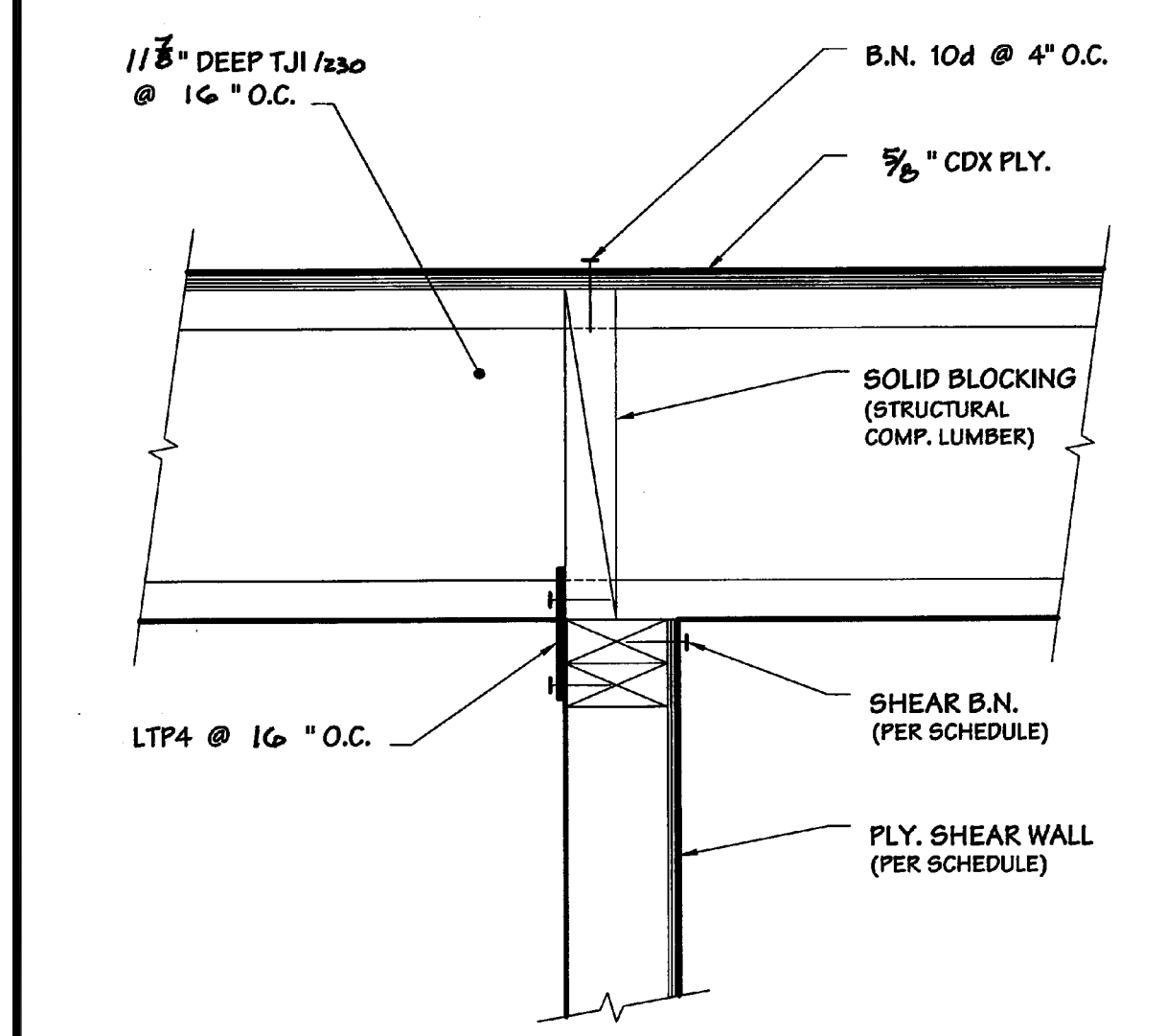
ROOF TO WALL SHEAR TRANSFER NTS 13



FLOOR TO FLOOR STRAPPING DETAIL NTS 14



INTERIOR WALL SHEAR TRANSFER NTS 15

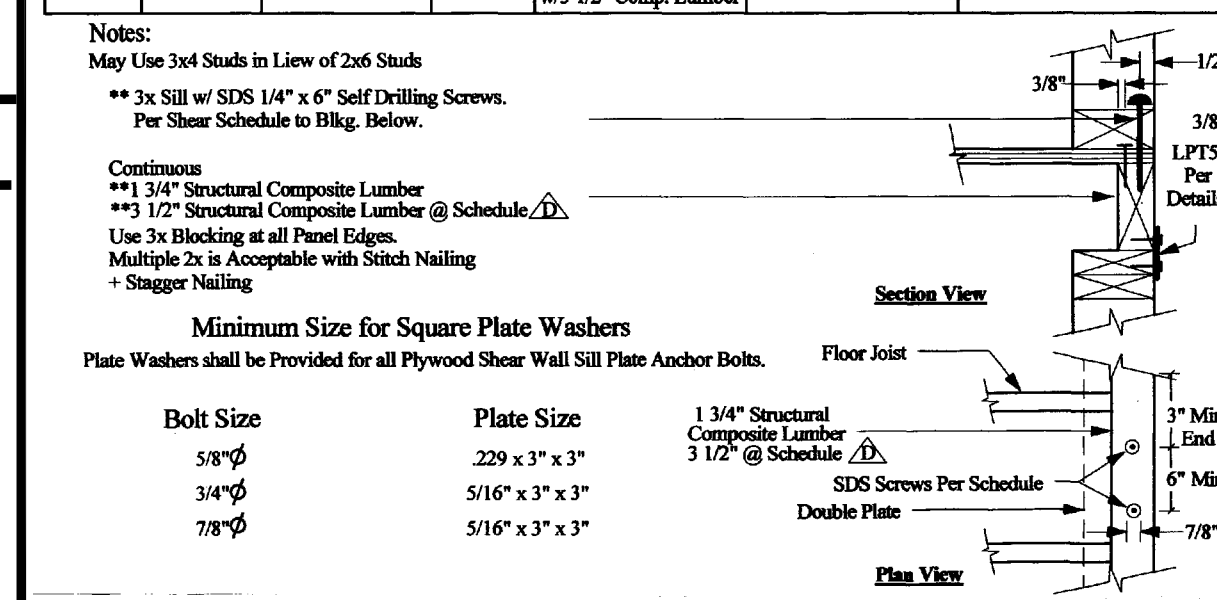


INTERIOR WALL SHEAR TRANSFER NTS 16

Plywood Shear Panel Schedule

Sym	Structural I	Wall Framing	Application	N.D.S.	
				Seismic	Wind
▲	15" 32"	2x4	Apply One Side	340#/FT	475#/FT
				510#/FT	715#/FT
				665#/FT	930#/FT
▲		3x4		870#/FT	1217#/FT

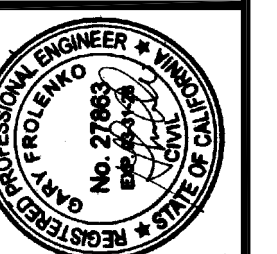
Max. Shear Used	Nailing Schedule			Anchor Bolt 5/8" @ 32" O.C.	Retro-Fit - Threaded Rod W/ 7" Embedment / With Simpson "Set XP"
	Shear Panel B.N. / Edge	Interim Field	Sill Plate Nailing		
340#/FT	10d @ 6" O.C.	12" O.C.	16d @ 4" O.C.	5/8" @ 32" O.C.	5/8" @ 32" O.C.
510#/FT	@ 4" O.C.	**SDS @ 6" O.C.	@ 4" O.C.	@ 24" O.C.	@ 24" O.C.
665#/FT	@ 3" O.C.	w/ 1 3/4" Comp. Lumber	**SDS @ 6" O.C.	@ 16" O.C.	@ 16" O.C.
870#/FT	@ 2" O.C.	w/ 3/4" Comp. Lumber	**SDS @ 6" O.C.	@ 16" O.C.	@ 16" O.C.
			w/ 3 1/2" Comp. Lumber		



REVISIONS

Gary Frolenko Engineering
 23 Hitchcock Way, suite 104, Santa Barbara 93105
 r.c.e.#27863

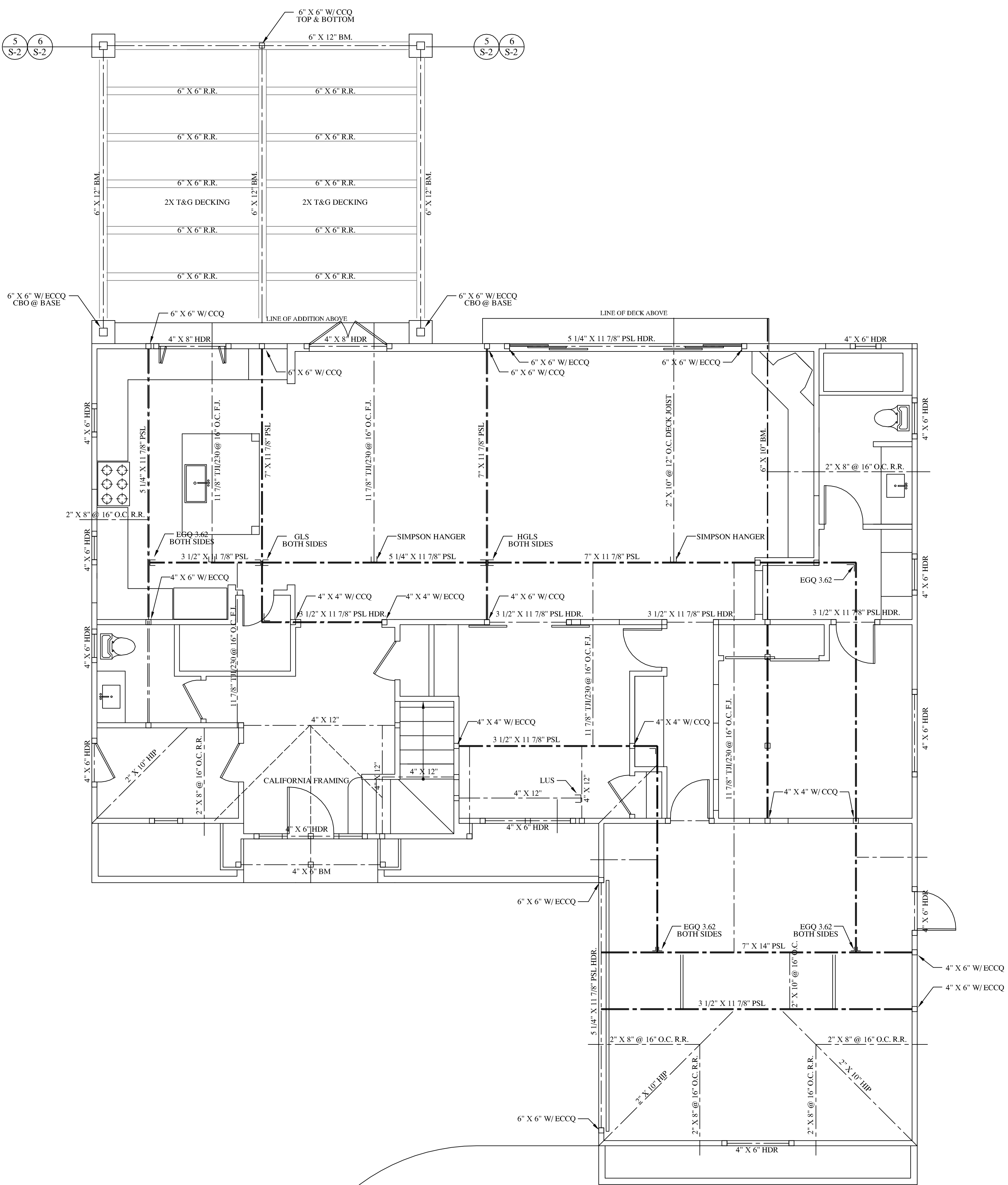
UPPER LATERAL ANALYSIS



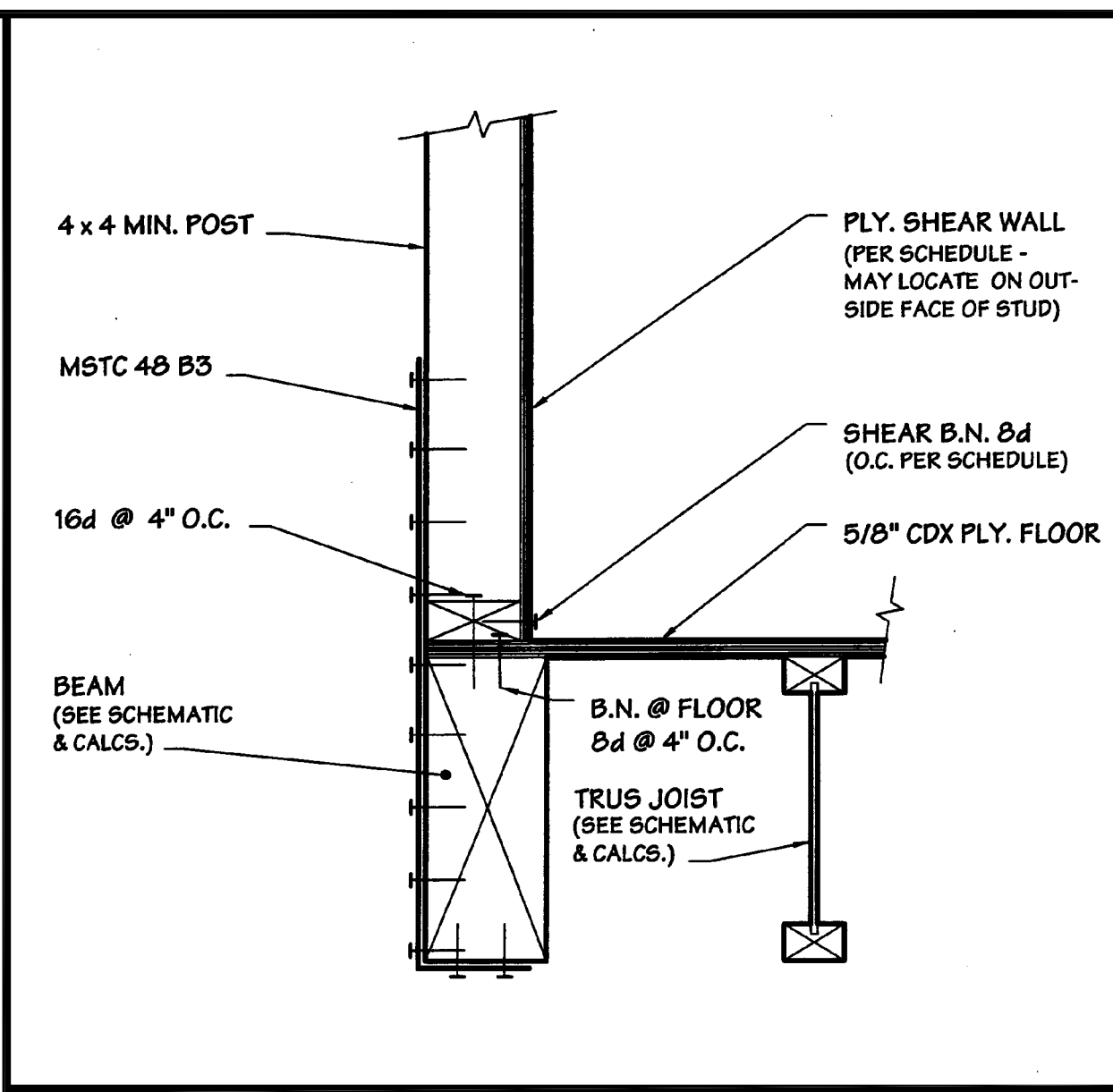
QUINN RESIDENCE
 202 SALIDA DEL SOL
 SANTA BARBARA, CA

SCALE:
 DATE:
 6-12-24

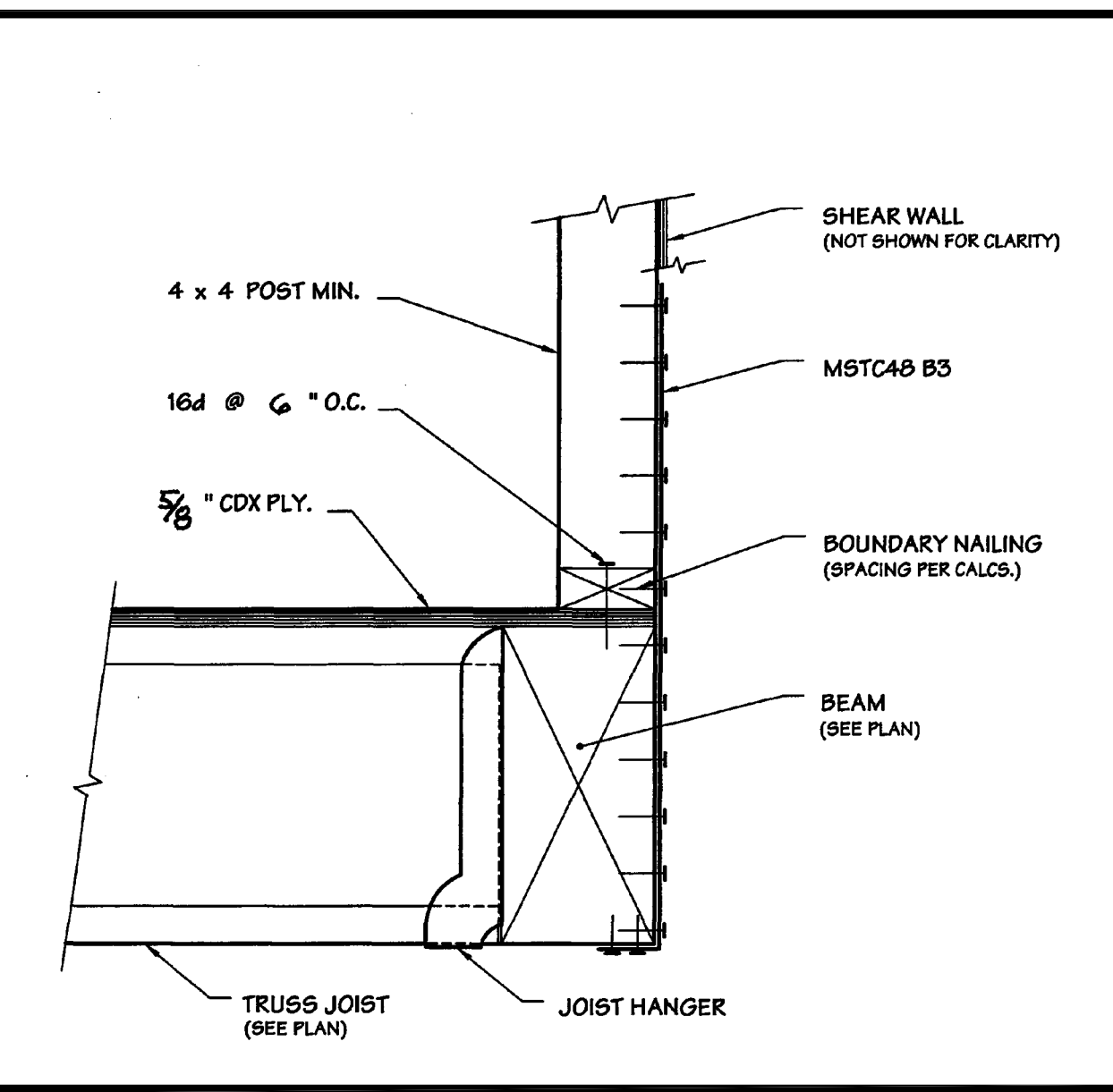
SHEET
 S4



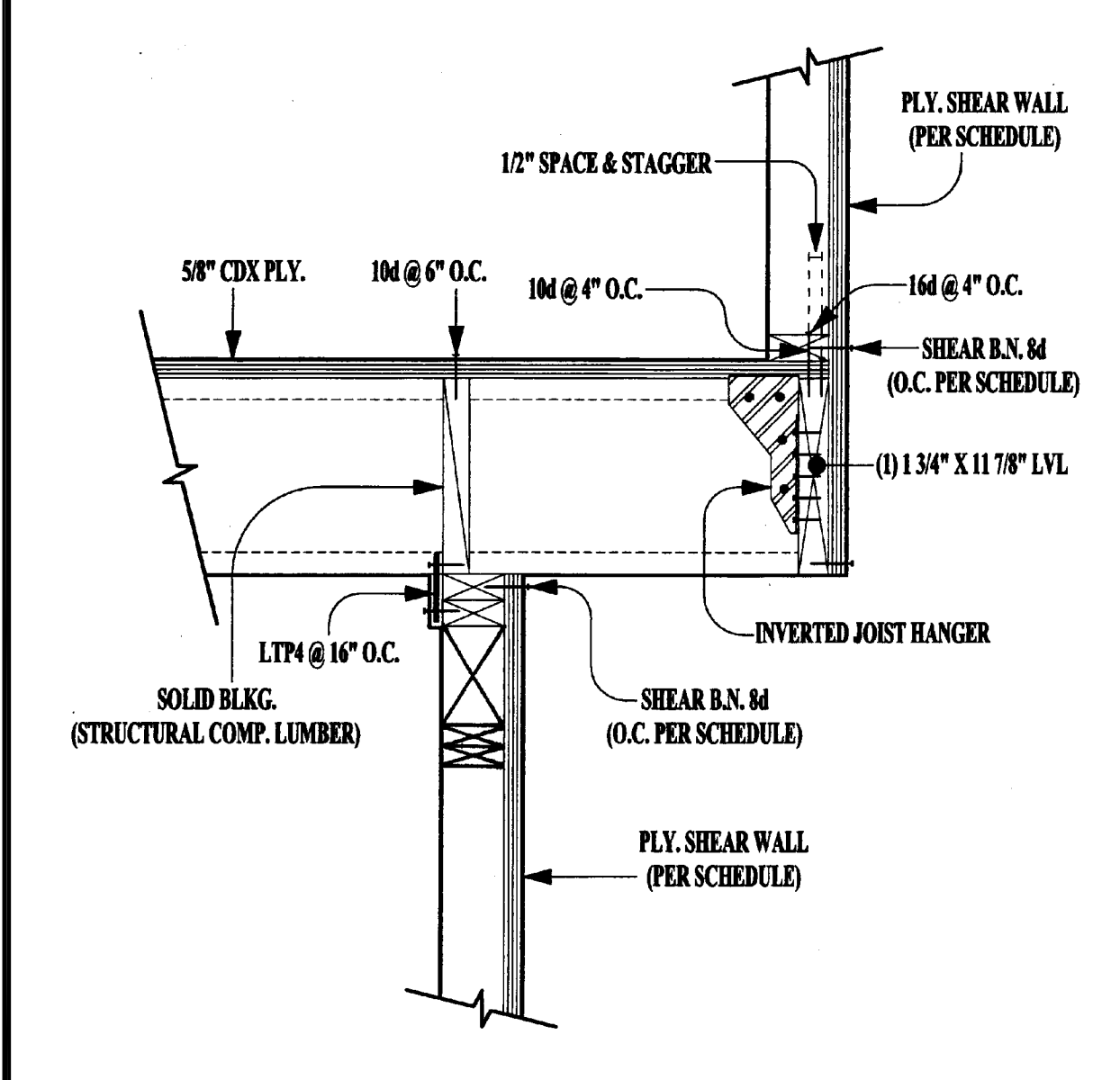
LOWER ROOF AND FLOOR FRAMING PLAN
SCALE 1/4" = 1'-0"



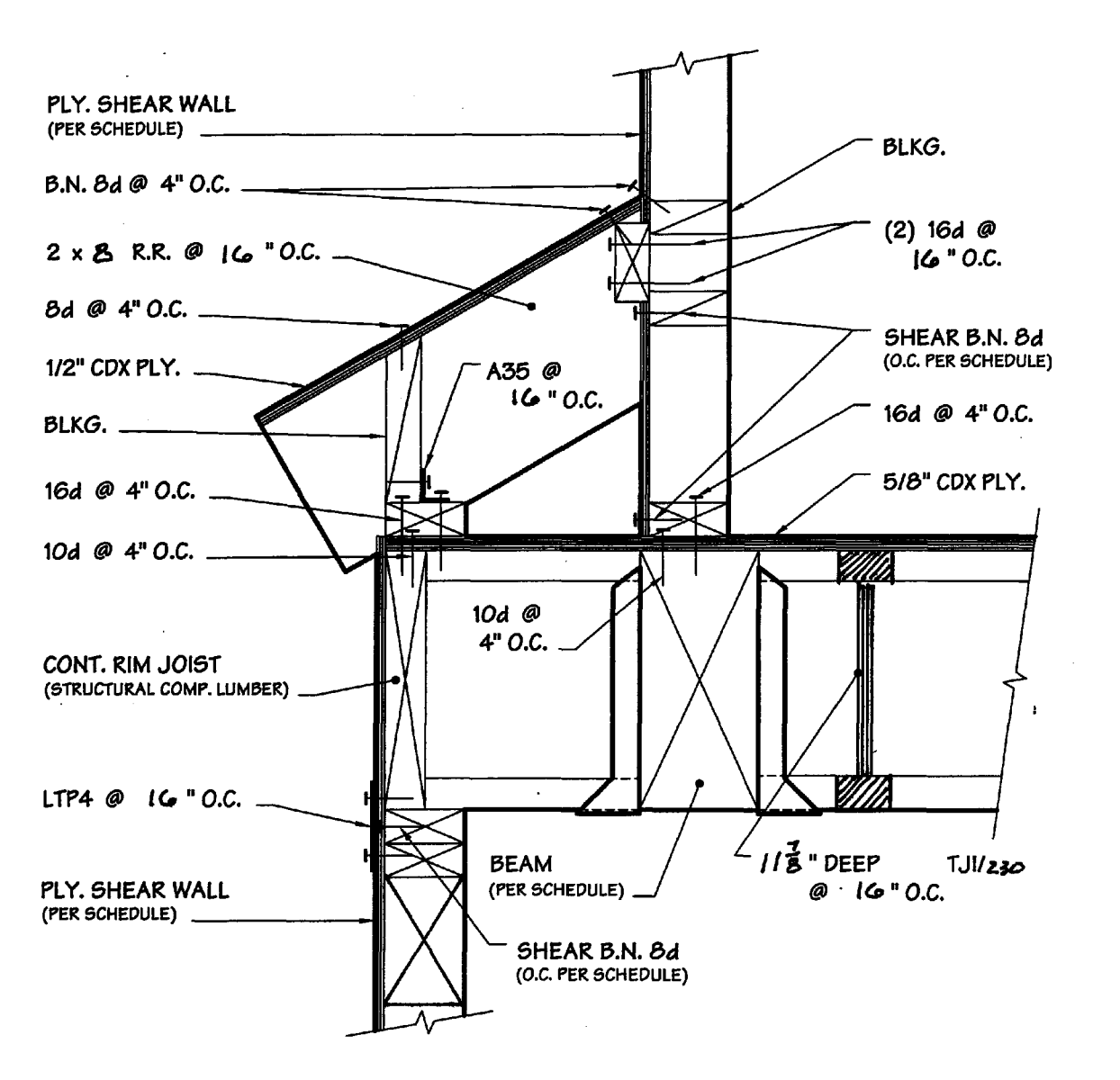
BEAM TO WALL STRAPPING NTS 17



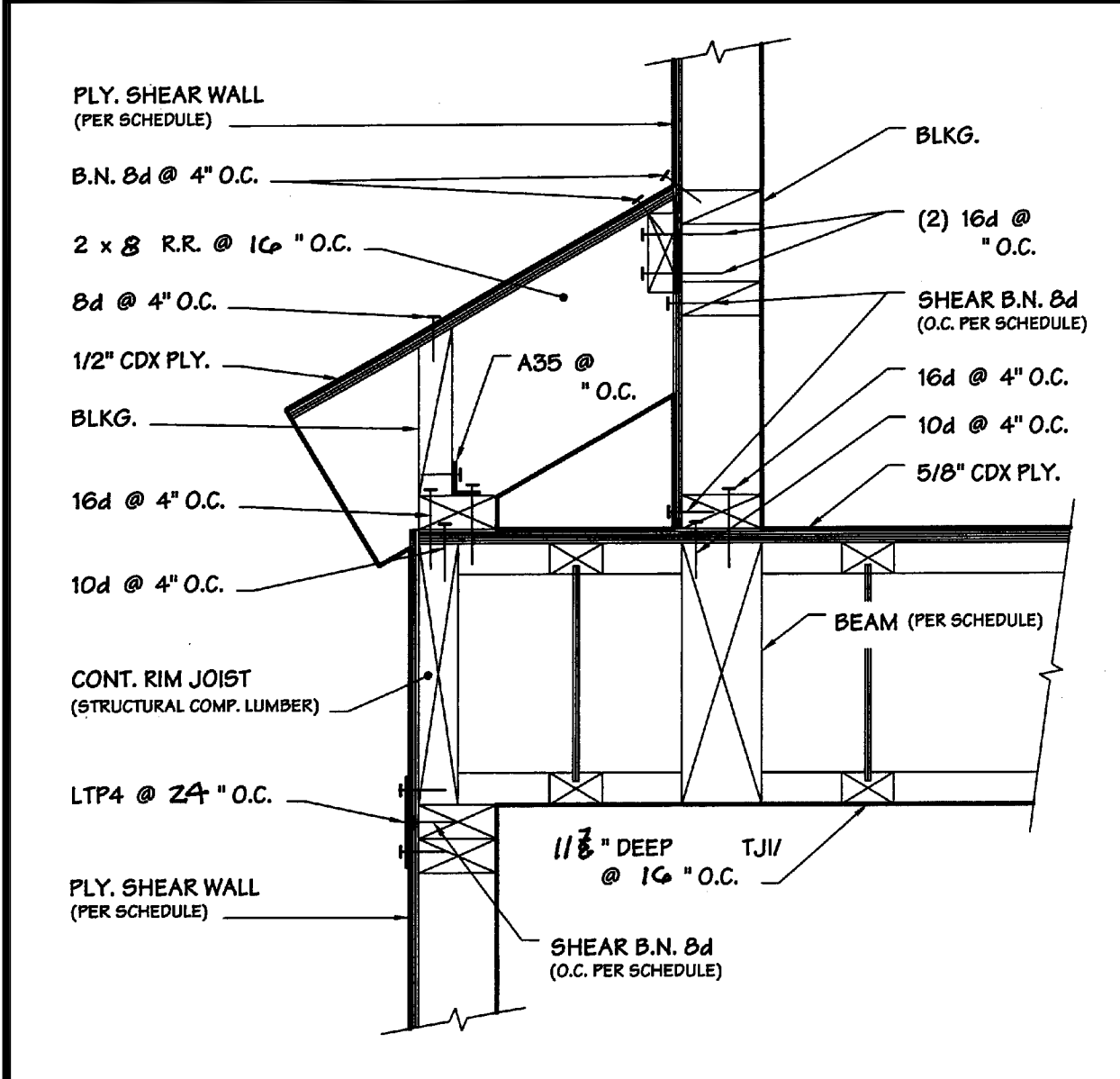
BEAM TO WALL SHEAR TRANSFER NTS 18



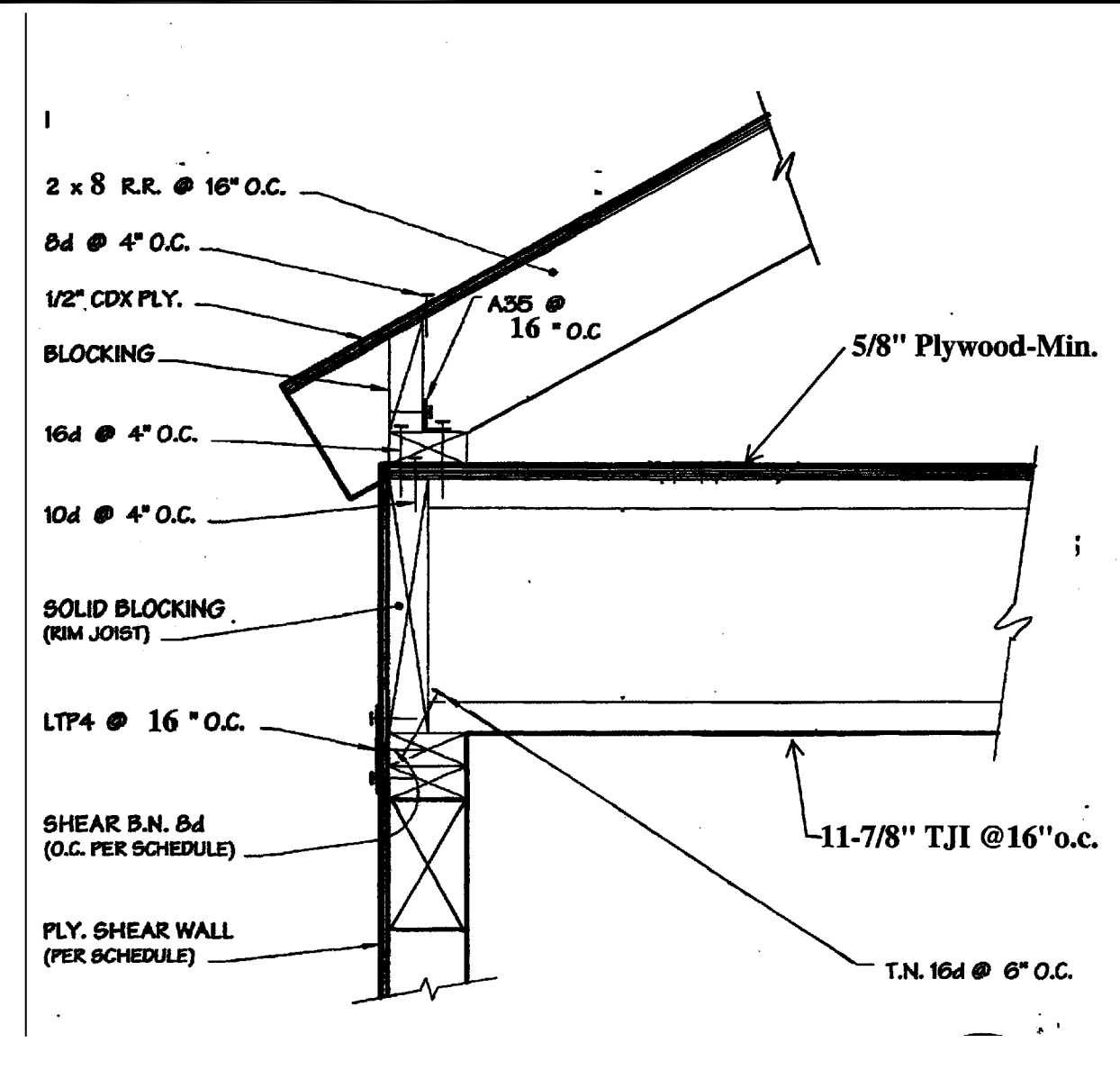
CANTILEVER WALL SHEAR TRANSFER NTS 19



WALL OFFSET SHEAR TRANSFER NTS 20



WALL OFFSET SHEAR TRANSFER NTS 21



FLOOR TO ROOF SHEAR TRANSFER NTS 22

REVISIONS
<p>Gary Frolenko Engineering 23 Hitchcock Way, suite 104, Santa Barbara 93105 (805) 682-3887 i.c.e.#27863</p>
<p>LOWER ROOF AND FLOOR FRAMING PLAN</p>
<p>QUINN RESIDENCE 202 SALIDA DEL SOL SANTA BARBARA, CA</p>
<p>SCALE: DATE: 6-12-24</p>
<p>SHEET 55</p>



FINAL APPROVAL CHECKLIST

SUPPLEMENTAL APPLICATION



GENERAL INFORMATION

WHAT IS FINAL APPROVAL?

Final approval is the last level of design review before applying for a Building Permit (BLD) application. Final approval generally occurs at a separate hearing, after project design approval, and includes a complete set of working drawings with all details, color samples, door hardware, and exterior lighting fixtures for review. Applicants may also request project design approval and final approval on the same hearing date, if sufficient details are provided.

HOW DOES THE PROCESS WORK?

Once a project receives project design approval, it shall constitute the substantive design approval of the project. If substantial changes to the plans are proposed after project design approval, a new project design approval will be required. Design review comments on final approval should only address whether the design substantially conforms to the project design approval, and comments on details and landscaping.

WHEN IS A COMPLETED CHECKLIST REQUIRED?

A completed **Final Approval Submittal Checklist** is required when you submit for final approval. To resubmit an application, upload documents, like plans and letters, into the record in the City's Accela Citizen Access Portal (ACA) system, along with the [Resubmittal Form](#). All forms must be completed, signed, and submitted as a PDF attachment to your electronic submittal.



FINAL APPROVAL CHECKLIST

Provide required details and sheet references with your submittal for final approval. Fill in the blank or indicate N/A if “not applicable”. Final approval does not permit the omission of any required information.

PROJECT ADDRESS: _____ PLN RECORD ID: _____

ALL BUILDING ELEVATIONS

Sheet #

Sheet #

- | | | | |
|--|-------|---|-------|
| <input type="checkbox"/> Exterior Details | _____ | <input type="checkbox"/> Paint or Stain Color (trim, etc.) | _____ |
| <input type="checkbox"/> Exterior Finishes | _____ | <input type="checkbox"/> Materials (roofing, plaster, etc.) | _____ |
| <input type="checkbox"/> Parapet Heights | _____ | <input type="checkbox"/> Exterior Lighting (incl. cut sheets) | _____ |
| <input type="checkbox"/> Roof/Attic/Understory Vents | _____ | <input type="checkbox"/> Specification Sheets, as applicable | _____ |

CONSTRUCTION DETAILS

Sheet #

Sheet #

- | | | | |
|---|-------|--|-------|
| <input type="checkbox"/> Retaining Wall | _____ | <input type="checkbox"/> Ironwork | _____ |
| <input type="checkbox"/> Window/Door detail | _____ | <input type="checkbox"/> Stairs | _____ |
| <input type="checkbox"/> Roof Details (eaves) | _____ | <input type="checkbox"/> Handrails | _____ |
| <input type="checkbox"/> Decks | _____ | <input type="checkbox"/> Skylights | _____ |
| <input type="checkbox"/> Fences/Arbors/Trellis | _____ | <input type="checkbox"/> Awnings | _____ |
| <input type="checkbox"/> Trash/Recycling Enclosures | _____ | <input type="checkbox"/> Gutters and Down Spouts | _____ |

ELECTRICAL/MECHANICAL/PLUMBING EQUIPMENT

Sheet #

- | | |
|---|-------|
| <input type="checkbox"/> Transformer Vault | _____ |
| <input type="checkbox"/> Utility Service Meter | _____ |
| <input type="checkbox"/> Screening Elements | _____ |
| <input type="checkbox"/> Generators/Electrical/Mechanical/HVAC (including cut sheets & dBA at property lines) | _____ |
| <input type="checkbox"/> Fire Valves (Verify Fire Sprinkler Ordinance per SBMC §8.04 requirements) | _____ |
| <input type="checkbox"/> Cross Connection Control Devices (backflow device) | _____ |

CONSULTANT/ENGINEER SHEETS

Sheet #

Sheet #

- | | | | |
|-------------------------------------|-------|-------------------------------------|-------|
| <input type="checkbox"/> Electrical | _____ | <input type="checkbox"/> Structural | _____ |
| <input type="checkbox"/> Mechanical | _____ | <input type="checkbox"/> Plumbing | _____ |

ROOFTOP ARCHITECTURAL DETAILS

Sheet #

- HVAC Equipment (exhaust fans, condensing units, air conditioning units, etc.) _____
- Dimensions of equipment and screening _____
- Mission tile roofing installation specifications _____
- Specification Sheets, if applicable _____
- Parapet Height _____
- Screens _____
- Chimney Caps _____
- Flashing _____
- Gutters/ Scuppers _____
- Solar panel location or potential future solar panel installation (if applicable) _____
- High fire roof coverings, valleys, gutters _____

COLOR AND MATERIAL BOARDS

Sheet #

- Paint and Stain Color Names and Numbers _____
- Material Type, Brand and Inventory Number _____

LANDSCAPE PLAN

Sheet #

Sheet #

- | | |
|---|---|
| <input type="checkbox"/> Irrigation Plan _____ | <input type="checkbox"/> High Fire/Defensible Space _____ |
| <input type="checkbox"/> Plant Species/Number/Sizes _____ | <input type="checkbox"/> Water Conservation Standards _____ |
| <input type="checkbox"/> Planters, Pots, Furniture _____ | <input type="checkbox"/> Site Walls (materials and color) _____ |
| <input type="checkbox"/> Paving Materials _____ | <input type="checkbox"/> Backflow Device _____ |
| <input type="checkbox"/> Erosion Control Measures _____ | <input type="checkbox"/> Rooftop Garden/Landscaped Roof _____ |

Storm Water Management Program (SWMP)

Sheet #

- Location of filtration devices _____
- Cross-section details _____
- Drainage flow from all impervious areas _____
- Amounts of new, replaced, or removed impervious areas _____
- Hydrology/Storm Water Report _____