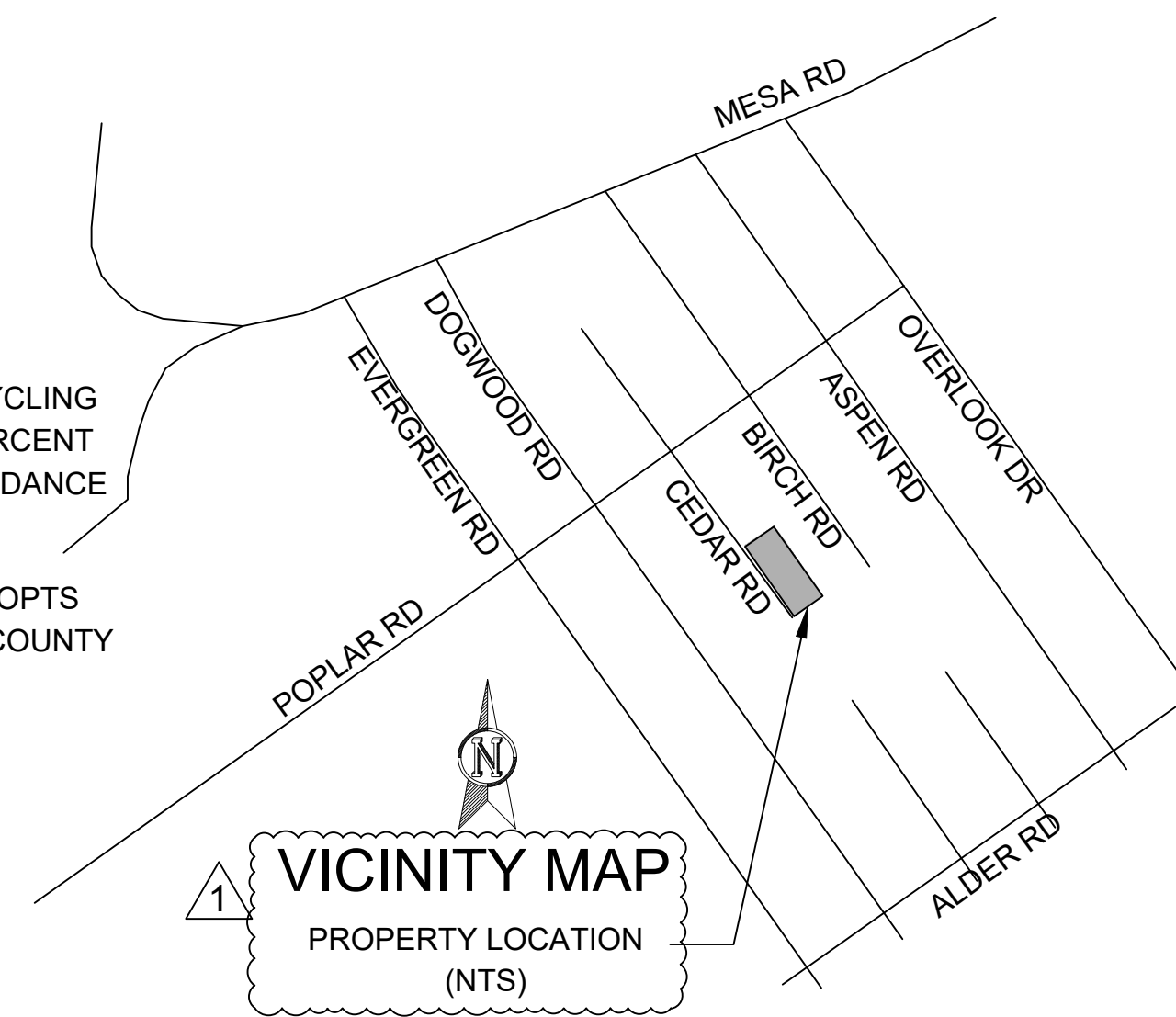


SEQUENCE OF SHEETS

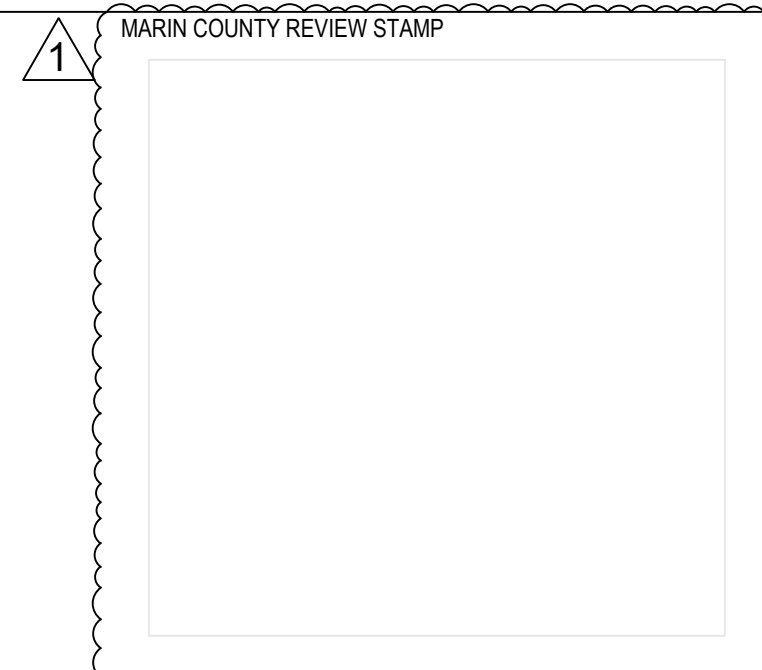
SHEET #	DESCRIPTION
A-000	COVER
A-001	CF1R
A-002	TITLE 24 MANDATORY MEASURES
A-003	CALGREEN CHECKLIST
A-100	FIRST FLOOR PLAN
A-200	BUILDING ELEVATIONS
A-201	BUILDING ELEVATIONS
A-300	BUILDING SECTIONS
E-100	ELECTRICAL PLAN
S-001	STRUCTURAL GENERAL NOTES
S-002	STRUCTURAL GENERAL NOTES
S-100	FOUNDATION PLAN
S-101	FIRST FLOOR FRAMING PLAN
S-102	ROOF FRAMING PLAN
S-200	FRAMING ELEVATIONS
S-300	BUILDING SECTIONS

PROJECT DESCRIPTION:

608 SQ FT OF NEW CONSTRUCTION (STAND ALONE STRUCTURE)
 16'-0" x 38'-0" ACCESSORY DWELLING UNIT (ADU) SINGLE STORY
 OCCUPANCY GROUP: R3 CONSTRUCTION TYPE: V-B
 WUI ZONE: YES FIRE SPRINKLERS: NO
 CALGREEN: 4.408.1 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING (MANDATORY) - RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 65 PERCENT OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IN ACCORDANCE WITH THE REPORTING STANDARDS OUTLINED BY ZERO WASTE MARIN.
 THIS PROJECT SHALL COMPLY WITH THE 2022 CALIFORNIA CODES, WHICH ADOPTS THE 2021 UPC, 2021 UMP AND THE 2020 NEC AS WELL AS APPLICABLE MARIN COUNTY & CITY OF BOLINAS LOCAL AMENDMENTS
 PLEASE SEE SHEET S-001 FOR APPLICABLE SPECIAL INSPECTIONS (1705.3 - CONCRETE COMPRESSIVE STRENGTH)
 PLANS PREPARED BY ANDREW LANGDON | (303) 945 - 6973
 ALANGDON@STUDIOSHED.COM



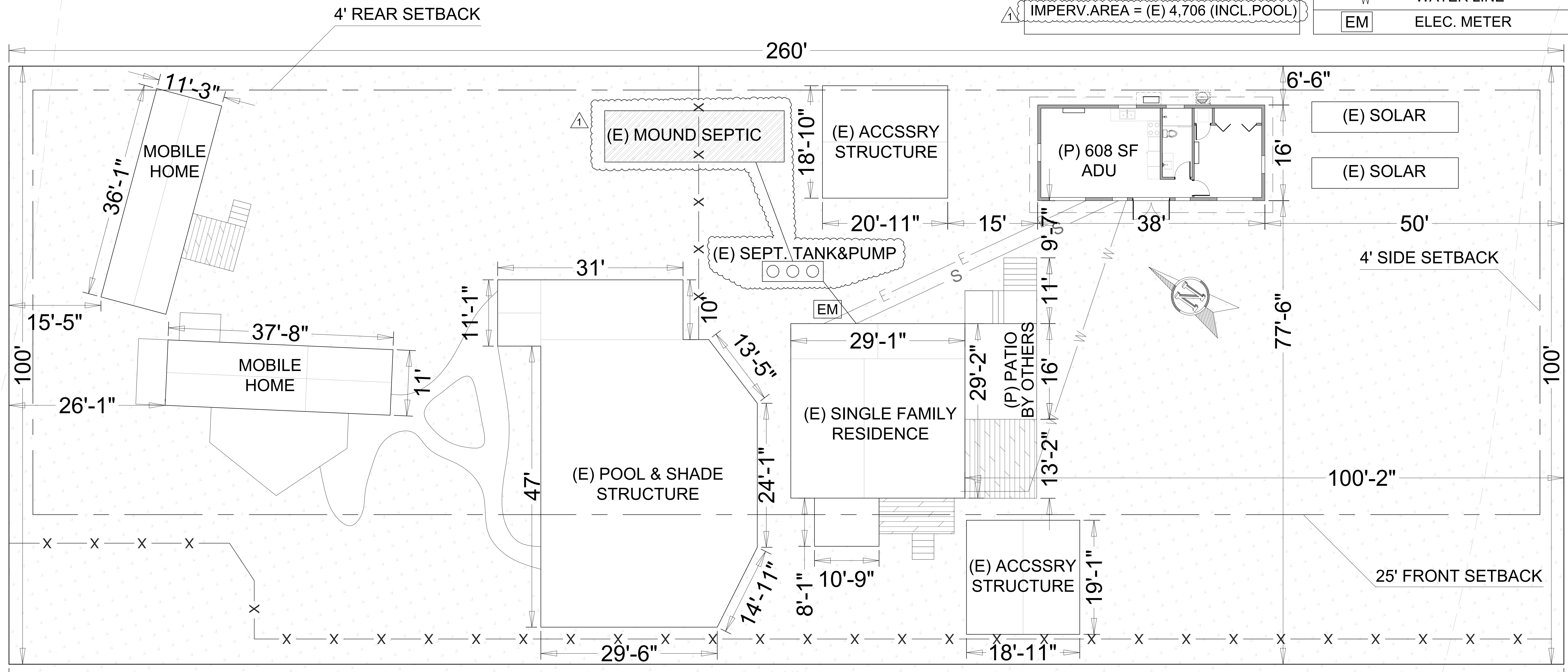
APN NUMBER: 192-092-29	
SITE AREA:.....	26,000 SF
ZONING:.....	C-RA-B2
FLOOR AREA	
(E) House:.....	1,416 SF
(E) Accsry Bldgs:.....	2,114 SF
(P) ADU.....	608 SF
(E) TOTAL.....	3,530 SF
(P) TOTAL.....	4,138 SF
(E) 3,530 / 26,000.....	14%
(P) 4,138 / 26,000.....	16%
MAX ALLOWED:.....30% or 7,800 SF	
IMPERV.AREA = (E) 4,706 (INCL.POOL)	



STUDIO SHED
 1500 CHERRY STREET
 LOUISVILLE, CO 80027
 Ph: 888.900.3933
 WWW.STUDIOSHED.COM

410 Cedar Rd
Bolinas, CA 94924
37.906111, -122.7000574

LEGEND	
---	SETBACKS
— E —	ELEC. LINE
— s —	SEPTIC LINE
— W —	WATER LINE
EM	ELEC. METER



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



ISSUE DATE
 04.12.2023

16' X 38' ACCESSORY DWELLING UNIT
 TYPE OF CONSTRUCTION
 CLINTON HASLERIG
 NAME
 410 CEDAR RD, BOLINAS, CA 94924
 ADDRESS
 APN: 192-092-29

PREPARER OF PLANS:
ANDREW LANGDON
 ALANGDON@STUDIOSHED.COM
 (303) 945-6973

04/19/23

24x36
 SHEET SIZE
A-000
 COVER

GENERAL INFORMATION table with columns for Project Name, Run Title, Project Location, City, Zip code, Climate Zone, Building Type, Project Scope, Addition Cond. Floor Area, Existing Cond. Floor Area, Total Cond. Floor Area, ADU Bedroom Count, and Is Natural Gas Available?

COMPLIANCE RESULTS table with 3 rows detailing building compliance with Computer Performance, field testing requirements, and special features.

Registration Number: 223-PO10024389A-000-000-0000000-0000
CA Building Energy Efficiency Standards - 2019 Residential Compliance
Registration Date/Time: 2023-02-28 12:22:00
Report Version: 2019.2.000
Schema Version: rev 20200901
HERS Provider: CalCERTS, Inc.
Report Generated: 2022-09-19 13:29:08

ENERGY DESIGN RATING table showing Energy Design Ratings (Efficiency, Total) and Compliance Margins (Efficiency, Total) for Standard and Proposed Design.

ENERGY USE SUMMARY table with columns for Energy Use (kTDV/H²-yr), Standard Design, Proposed Design, Compliance Margin, and Percent Improvement for Space Heating, Space Cooling, IAQ Ventilation, Water Heating, and Self Utilization/Flexibility Credit.

REQUIRED PV SYSTEMS - SIMPLIFIED table with columns for DC System Size, Exception, Module Type, Array Type, Power Electronics, CFI, Asimuth, Tilt Input, Array Angle, Tilt, Inverter Eff, and Annual Solar Access.

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REQUIRED SPECIAL FEATURES table listing PV System, PV power electronics, Window overhangs, and Northwest Energy Efficiency Alliance (NEEA) rated heat pump water heater.

HERS FEATURES SUMMARY table listing Building-Level, Heating System, and Domestic Hot Water System verifications.

BUILDING - FEATURES INFORMATION table with columns for Project Name, Conditioned Floor Area, Number of Dwelling Units, Number of Bedrooms, Number of Zones, Number of Ventilation Cooling Systems, and Number of Water Heating Systems.

ZONE INFORMATION table with columns for Zone Name, Zone Type, HVAC System Name, Zone Floor Area, Avg. Ceiling Height, Water Heating System 1, and Water Heating System 2.

Registration Number: 223-PO10024389A-000-000-0000000-0000
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OPAQUE SURFACES table with columns for Name, Zone, Construction, Azimuth, Orientation, Gross Area, Window and Door Area, and Tilt.

OPAQUE SURFACES - CATHEDRAL CEILINGS table with columns for Name, Zone, Construction, Azimuth, Orientation, Area, Skylight Area, Roof Rise, Roof Reflectance, Roof Emittance, and Cool Roof.

FENESTRATION / GLAZING table with columns for Name, Type, Surface, Orientation, Azimuth, Width, Height, Mult., Area, U-factor, U-factor Source, SHGC, SHGC Source, and Exterior Shading.

Registration Number: 223-PO10024389A-000-000-0000000-0000
CA Building Energy Efficiency Standards - 2019 Residential Compliance
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OVERHANGS AND FINS table with columns for Name, Zone, Construction, Azimuth, Orientation, Area, Window and Door Area, and Tilt.

SLAB FLOORS table with columns for Name, Zone, Area, Perimeter, Edge Insul. R-value and Depth, Edge Insul. R-value and Depth, Carpeted Fraction, and Heated.

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OPAQUE SURFACE CONSTRUCTIONS table with columns for Construction Name, Surface Type, Construction Type, Framing, Total Cavity R-value, Interior/Exterior Continuous R-value, U-factor, and Assembly Layers.

BUILDING ENVELOPE - HERS VERIFICATION table with columns for Quality Insulation Installation (QII), High R-value Spray Foam Insulation, Building Envelope Air Leakage, and CFM50.

WATER HEATING SYSTEMS table with columns for Name, System Type, Distribution Type, Water Heater Name, Solar Heating System, Compact Distribution, and HERS Verification.

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WATER HEATERS table with columns for Name, Heating Element Type, Tank Type, # of Units, Tank Vol., Energy Factor or Efficiency, Input Rating, Tank Insulation, Standby Loss or Recovery Eff, 1st Hr. Rating or Flow Rate, NEEA Heat Pump Brand or Model, and Tank Location or Ambient Condition.

WATER HEATING - HERS VERIFICATION table with columns for Name, Pipe Insulation, Parallel Piping, Compact Distribution, Compact Distribution Type, Recirculation Control, Central DHW Distribution, and Shower Drain Water Heat Recovery.

SPACE CONDITIONING SYSTEMS table with columns for Name, System Type, Heating Unit Name, Cooling Unit Name, Fan Name, Distribution Name, Required Thermostat Type, Status, Verified Thermostat Condition, Heating Equipment Count, and Cooling Equipment Count.

HVAC - HEAT PUMPS table with columns for Name, System Type, Number of Units, Heating (HSPF/COP, Cap 47, Cap 17, SEER), Cooling (EER/CEER), Zonally Controlled, Compressor Type, and HERS Verification.

Registration Number: 223-PO10024389A-000-000-0000000-0000
CA Building Energy Efficiency Standards - 2019 Residential Compliance
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HVAC HEAT PUMPS - HERS VERIFICATION table with columns for Name, Verified Airflow, Airflow Target, Verified EER, Verified SEER, Verified Refrigerant Charge, Verified HSPF, Verified Heating Cap 47, and Verified Heating Cap 17.

IAQ (INDOOR AIR QUALITY) FANS table with columns for Dwelling Unit, IAQ CFM, IAQ Watts/CFM, IAQ Fan Type, IAQ Recovery Effectiveness - SRE, IAQ Recovery Effectiveness - ASRE, and HERS Verification.

Registration Number: 223-PO10024389A-000-000-0000000-0000
CA Building Energy Efficiency Standards - 2019 Residential Compliance
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Report Generated: 2022-09-19 13:29:08

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT table with columns for Documentation Author Name, Documentation Author Signature, Company, Address, City/State/Zip, and Phone.

RESPONSIBLE PERSON'S DECLARATION STATEMENT table with columns for Responsible Designer Name, Responsible Designer Signature, Company, Address, City/State/Zip, and Phone.

Digitally signed by CalCERTS. This digital signature is provided in order to secure the content of this registered document, and in no way implies Registration Provider responsibility for the accuracy of the information.

Registration Number: 223-PO10024389A-000-000-0000000-0000
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MARIN COUNTY REVIEW STAMP

ISSUE DATE
04.12.2023

STUDIO SHED logo and address: 1500 CHERRY STREET LOUISVILLE, CO 80027. Phone: 888.900.3933. Website: WWW.STUDIOSHED.COM

REVISIONS section with a table for tracking changes.

16' X 38' ACCESSORY DWELLING UNIT
TYPE OF CONSTRUCTION
NAME: CLINTON HASLERIG
ADDRESS: 410 CEDAR RD., BOLINAS, CA 94924
APN: 192-092-29

PREPARER OF PLANS:
ANDREW LANGDON
ALANGDON@STUDIOSHED.COM
(303) 945-6973

04/19/23





ISSUE DATE 04.12.2023

REVISIONS

16' X 38' ACCESSORY DWELLING UNIT TYPE OF CONSTRUCTION CLINTON HASLERING NAME 410 CEDAR RD., BOLLINAS, CA 94924 ADDRESS APN: 192-092-29

PREPARER OF PLANS: ANDREW LANGDON ALANGDON@STUDIOSHED.COM (303) 945-6973

04/19/23

24x36 SHEET SIZE

A-002 TITLE 24 MANDATORY MEASURES

2022 Single-Family Residential Mandatory Requirements Summary. Table with 2 columns: Code and Description. Includes sections for Building Envelope, Fireplaces, Space Conditioning, and Solar Readiness.

5/6/22

2022 Single-Family Residential Mandatory Requirements Summary. Table with 2 columns: Code and Description. Includes sections for Pilot Lights, Building Cooling and Heating Loads, Ducts and Fans, and Energy Storage System.

5/6/22

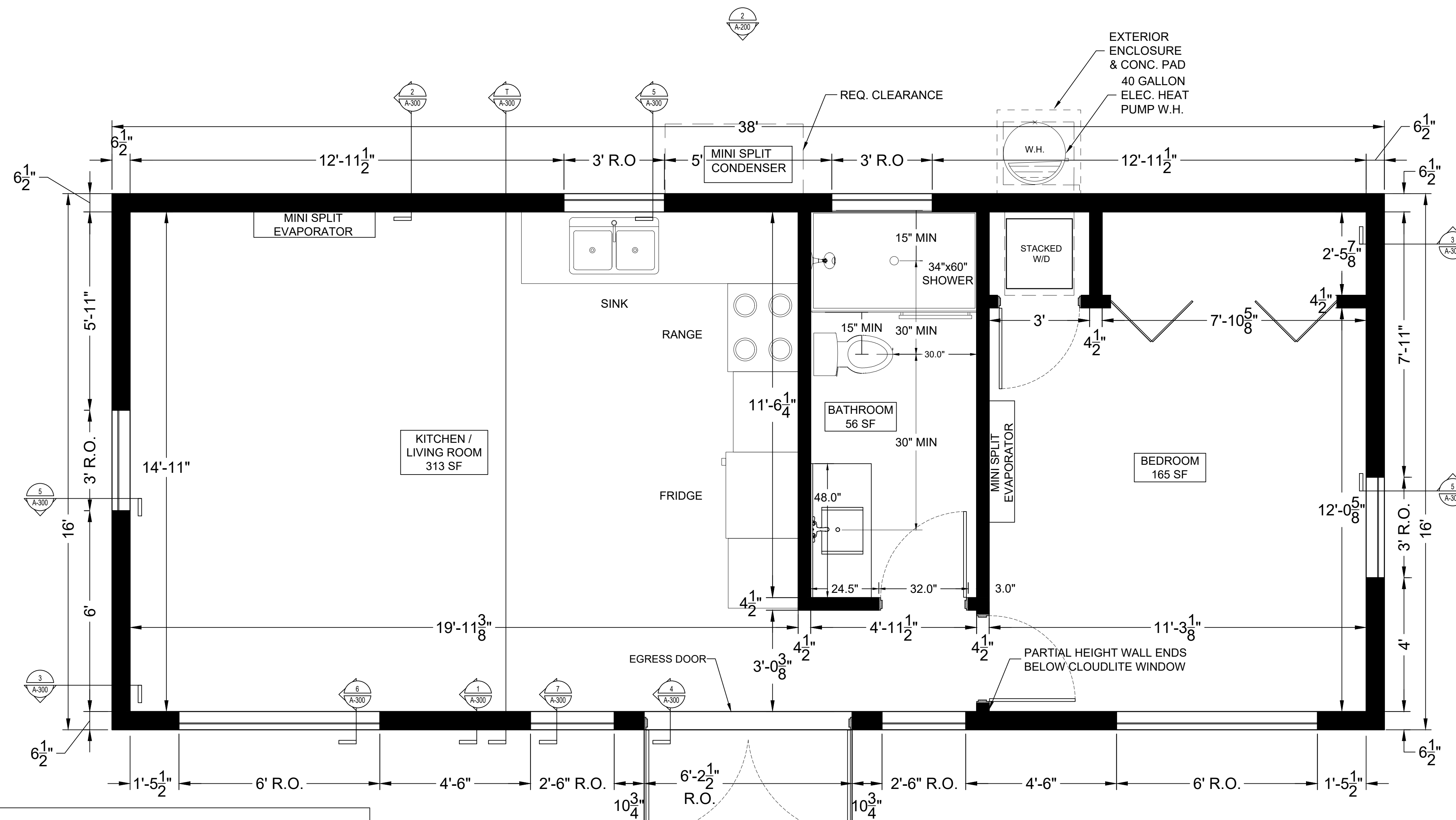
2022 Single-Family Residential Mandatory Requirements Summary. Table with 2 columns: Code and Description. Includes sections for Light Sources, Interior Switches and Controls, Energy Management Control Systems, and Solar Readiness.

5/6/22

2022 Single-Family Residential Mandatory Requirements Summary. Table with 2 columns: Code and Description. Includes sections for Energy Storage System, Heat Pump Space Heater Ready, and Electric Clothes Dryer Ready.

5/6/22

SEE A-200/201 FOR WINDOW AND DOOR INFORMATION

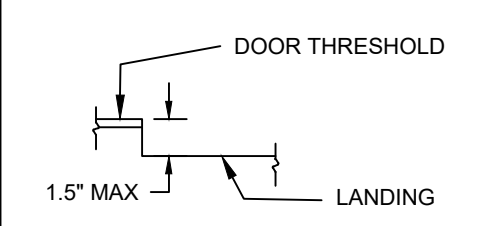


CALGREEN MANDATORY REQUIREMENTS:

- 4.504.1 POLLUTANT CONTROL (MANDATORY) - DUCT OPENINGS AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED DURING CONSTRUCTION.
- 4.504.2.1 POLLUTANT CONTROL (MANDATORY) - ADHESIVES, SEALANTS AND CAULKS SHALL BE COMPLIANT WITH VOC AND OTHER TOXIC COMPOUND LIMITS.
- 4.504.2.2 POLLUTANT CONTROL (MANDATORY) - PAINTS, STAINS AND OTHER COATINGS SHALL BE COMPLIANT WITH VOC LIMITS.
- 4.504.2.3 POLLUTANT CONTROL (MANDATORY) - AEROSOL PAINTS AND COATINGS SHALL BE COMPLIANT WITH PRODUCT WEIGHTED MIR LIMITS FOR ROC AND OTHER TOXIC COMPOUNDS.
- 4.504.2.4 POLLUTANT CONTROL (MANDATORY) - DOCUMENTATION SHALL BE PROVIDED TO VERIFY THAT COMPLIANT VOC LIMIT FINISH MATERIALS HAVE BEEN USED.
- 4.504.4 POLLUTANT CONTROL (MANDATORY) - 80 PERCENT OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL COMPLY WITH SPECIFIED VOC CRITERIA.
- 4.504.5 POLLUTANT CONTROL (MANDATORY) - PARTICLEBOARD, MEDIUM DENSITY FIBERBOARD (MDF), AND HARDWOOD PLYWOOD USED IN INTERIOR FINISH SYSTEMS SHALL COMPLY WITH LOW FORMALDEHYDE EMISSION STANDARDS.
- A4.504.2 POLLUTANT CONTROL (MANDATORY) - INSTALL VOC COMPLIANT RESILIENT FLOORING SYSTEMS. NINETY (90) PERCENT OF FLOOR AREA RECEIVING RESILIENT FLOORING SHALL COMPLY WITH THE VOC-EMISSION LIMITS ESTABLISHED IN SECTION A4.504.2.
- A4.504.3 POLLUTANT CONTROL (MANDATORY) - THERMAL INSULATION INSTALLED IN THE BUILDING SHALL BE IN COMPLIANCE WITH VOC LIMITS.

-RESCUE OPENING-
 SHALL COMPLY WITH CFC 1030
 WIDTH: 6'-2 1/2"
 HEIGHT: 6'-8"
 NET OPENING: 41.13 SQ FT
 NO SILL - FLUSH WITH FLOOR

LANDING PER CRC R311.3 MINIMUM DIMENSIONS SHOWN. SLOPE WILL NOT EXCEED 2%. MAX STEP HEIGHT FROM EXTERIOR LANDING OR FINISHED FLOOR TO TOP OF THRESHOLD SHALL NOT EXCEED 1.5 INCHES. (NOT MORE THAN 7/8 INCHES IF THE DOOR DOES NOT SWING OVER THE LANDING OR FLOOR)



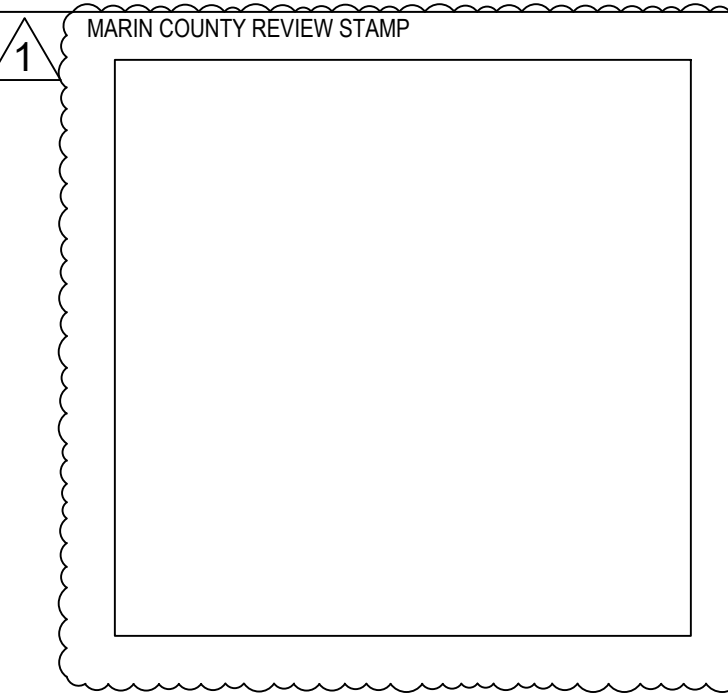
1 FIRST FLOOR PLAN
 SCALE: 1/2" = 1'-0"

GENERAL ADU FLOOR PLAN NOTES

- BUILDINGS SHALL BE PROVIDED WITH APPROVED ADDRESS IDENTIFICATION. THE ADDRESS IDENTIFICATION SHALL BE LEGIBLE AND PLACED IN A POSITION THAT IS VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. ADDRESS IDENTIFICATION CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMBERS OR ALPHABETICAL LETTERS. NUMBERS SHALL NOT BE SPELLED OUT. EACH CHARACTER SHALL BE NOT LESS THAN 4 INCHES IN HEIGHT WITH A STROKE WIDTH OF NOT LESS THAN 0.5 INCH. WHERE REQUIRED BY THE FIRE CODE OFFICIAL, ADDRESS IDENTIFICATION SHALL BE PROVIDED IN ADDITIONAL APPROVED LOCATIONS TO FACILITATE EMERGENCY RESPONSE. WHERE ACCESS IS BY MEANS OF A PRIVATE ROAD AND THE BUILDING ADDRESS CANNOT BE VIEWED FROM THE PUBLIC WAY, A MONUMENT, POLE OR OTHER SIGN OR MEANS SHALL BE USED TO IDENTIFY THE STRUCTURE. ADDRESS IDENTIFICATION SHALL BE MAINTAINED. [CRC R319.1]
- INTERNALLY ILLUMINATED ADDRESS SIGNS SHALL EITHER COMPLY WITH SECTION 140.8 OF THE CALIFORNIA ENERGY CODE OR CONSUME NO MORE THAN 5 WATTS OF POWER. [CALIFORNIA ENERGY CODE SECTION 150.0(k) 4A & B]
- EXCEPT FOR KITCHENS, HABITABLE ROOMS SHALL HAVE A MINIMUM FLOOR AREA OF NOT LESS THAN 70 SQUARE FEET AND SHALL BE NOT LESS THAN 7 FEET MEASURED IN ANY HORIZONTAL DIMENSION. [CRC R304.1 & R304.2]
- GLAZING IN WALLS OR ENCLOSURES CONTAINING OR FACING SPAS, STEAM ROOMS, BATHTUBS, AND SHOWERS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE SHALL BE CONSIDERED TO BE A HAZARDOUS LOCATION AND SHALL BE PROVIDED WITH SAFETY TEMPERED GLAZING. [CRC R308.4.6]
- BATHTUB AND SHOWER FLOORS AND WALLS ABOVE BATHTUBS WITH INSTALLED SHOWER HEADS AND IN SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NONABSORBENT SURFACE. SUCH WALL SURFACES SHALL EXTEND TO A HEIGHT OF NOT LESS THAN 6 FEET ABOVE THE FLOOR. [CRC R307.2]
- NOT LESS THAN ONE EGRESS DOOR SHALL BE PROVIDED FOR EACH DWELLING UNIT. THE EGRESS DOOR SHALL BE SIDE-HINGED, AND SHALL PROVIDE A CLEAR WIDTH OF NOT LESS THAN 32 INCHES WHERE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. THE CLEAR HEIGHT OF THE DOOR OPENING SHALL BE NOT LESS THAN 78 INCHES IN HEIGHT MEASURED FROM THE TOP OF THE THRESHOLD TO THE BOTTOM OF THE STOP. OTHER DOORS SHALL BE REQUIRED TO COMPLY WITH THESE MINIMUM DIMENSIONS. EGRESS DOORS SHALL BE READILY OPENABLE FROM INSIDE THE DWELLING WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. [CRC R311.2]

INDOOR WATER USE NOTES

- THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. TANK-TYPE WATER CLOSETS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR TANK-TYPE TOILETS. [CGBSC 4.303.1.1]
- SHOWERHEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 1.8 GALLONS PER MINUTE AT 80PSI. SHOWERHEADS SHALL BE CERTIFIED TO THE PERFORMANCE CRITERIA OF THE U.S. EPA WATERSENSE SPECIFICATION FOR SHOWERHEADS. WHEN A SHOWER IS SERVED BY MORE THAN ONE SHOWERHEAD, THE COMBINED FLOW RATE OF ALL SHOWERHEADS AND /OR OTHER SHOWER OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 80 PSI, OR THE SHOWER SHALL BE DESIGNED TO ALLOW ONLY ONE SHOWER OUTLET TO BE IN OPERATION AT A TIME. [CGBSC 4.303.1.3]
- THE MAXIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT EXCEED 1.2 GALLONS PER MINUTE AT 60 PSI. THE MINIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT BE LESS THAN 0.8 GALLONS PER MINUTE AT 20 PSI. [CGBSC 4.303.1.4.1]
- THE MAXIMUM FLOW RATE OF KITCHEN FAUCETS SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 60 PSI. KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI, WHERE COMPLYING FAUCETS ARE UNAVAILABLE, AERATORS OR OTHER MEANS MAY BE USED TO ACHIEVE REDUCTION. [CGBSC 4.303.1.4.4]
- PLUMBING FIXTURES AND FITTINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 1701.1 OF THE CALIFORNIA PLUMBING CODE. [CGBSC 4.303.3]



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REVISIONS

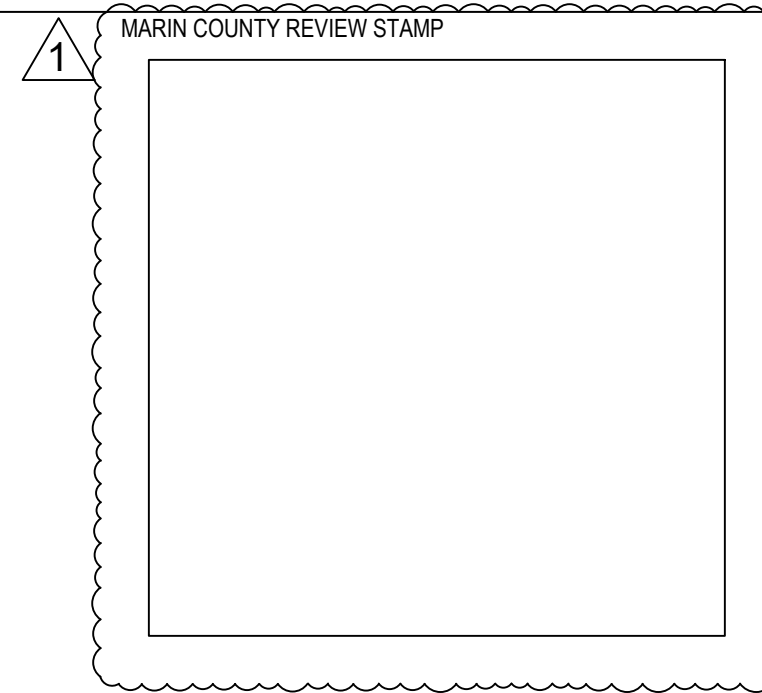
16' X 38' ACCESSORY DWELLING UNIT
 TYPE OF CONSTRUCTION
 CLINTON HASLERIG
 NAME
 410 CEDAR RD. BOLINAS, CA 94924
 APN: 192-092-29
 ADDRESS

PREPARER OF PLANS:
ANDREW LANGDON
 ALANGDON@STUDIOSHED.COM
 (303) 945-6973

04/19/23

24x36
 SHEET SIZE

A-100
 FIRST FLOOR PLAN



STUDIO SHED
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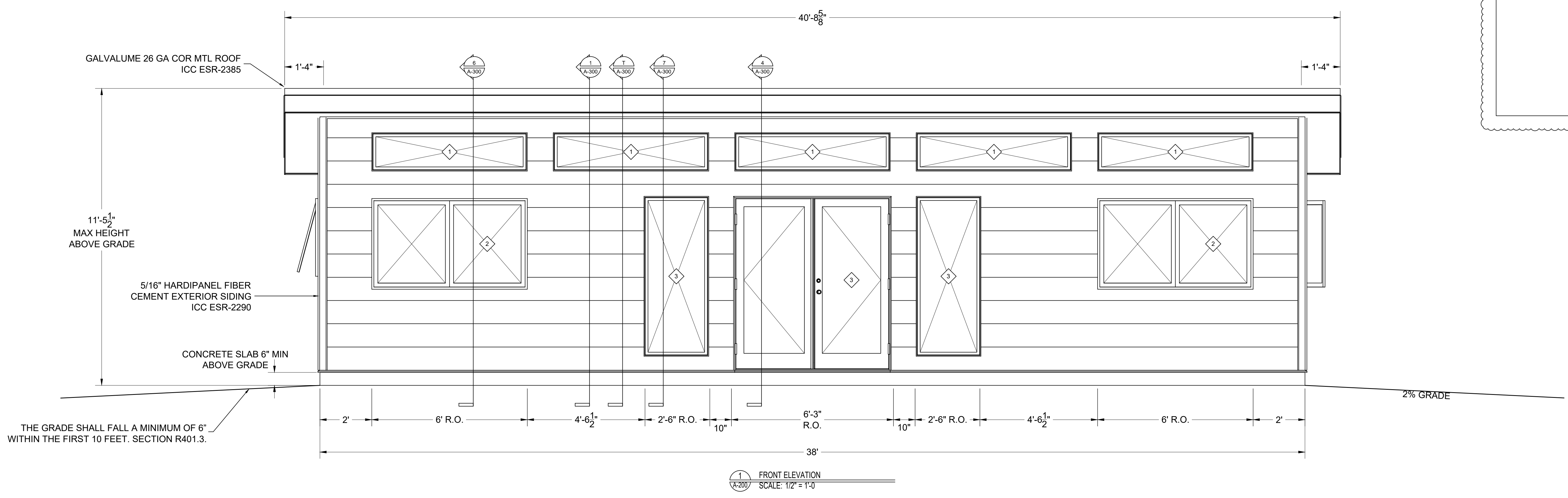
REVISIONS

16' X 38' ACCESSORY DWELLING UNIT
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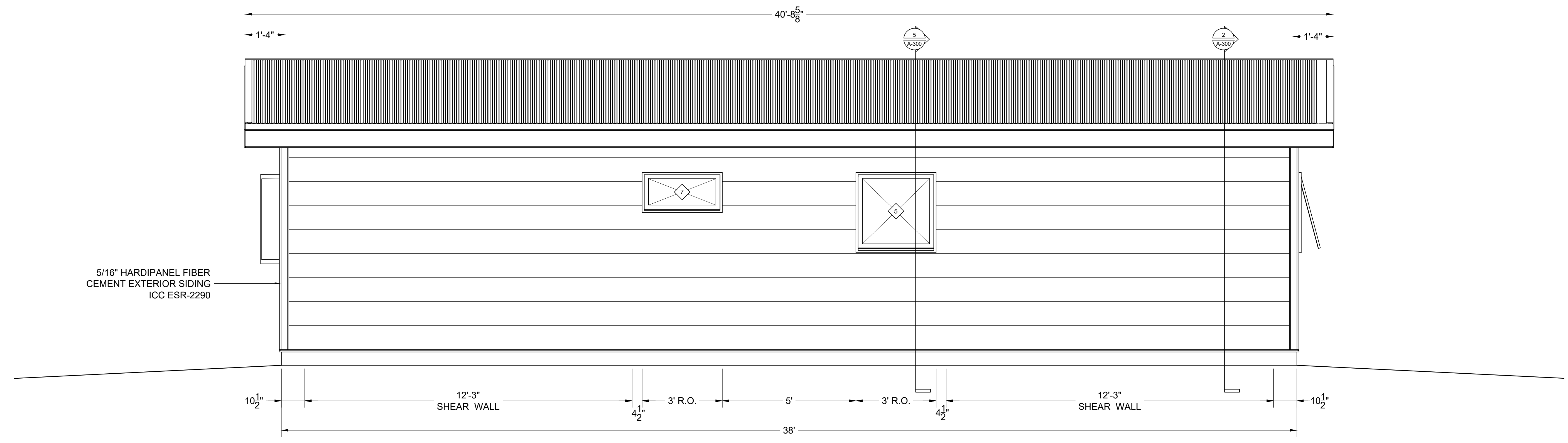
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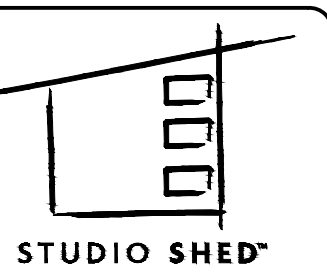
24x36
 SHEET SIZE
A-200
 BUILDING ELEVATIONS



1 FRONT ELEVATION
 SCALE: 1/2" = 1'-0"



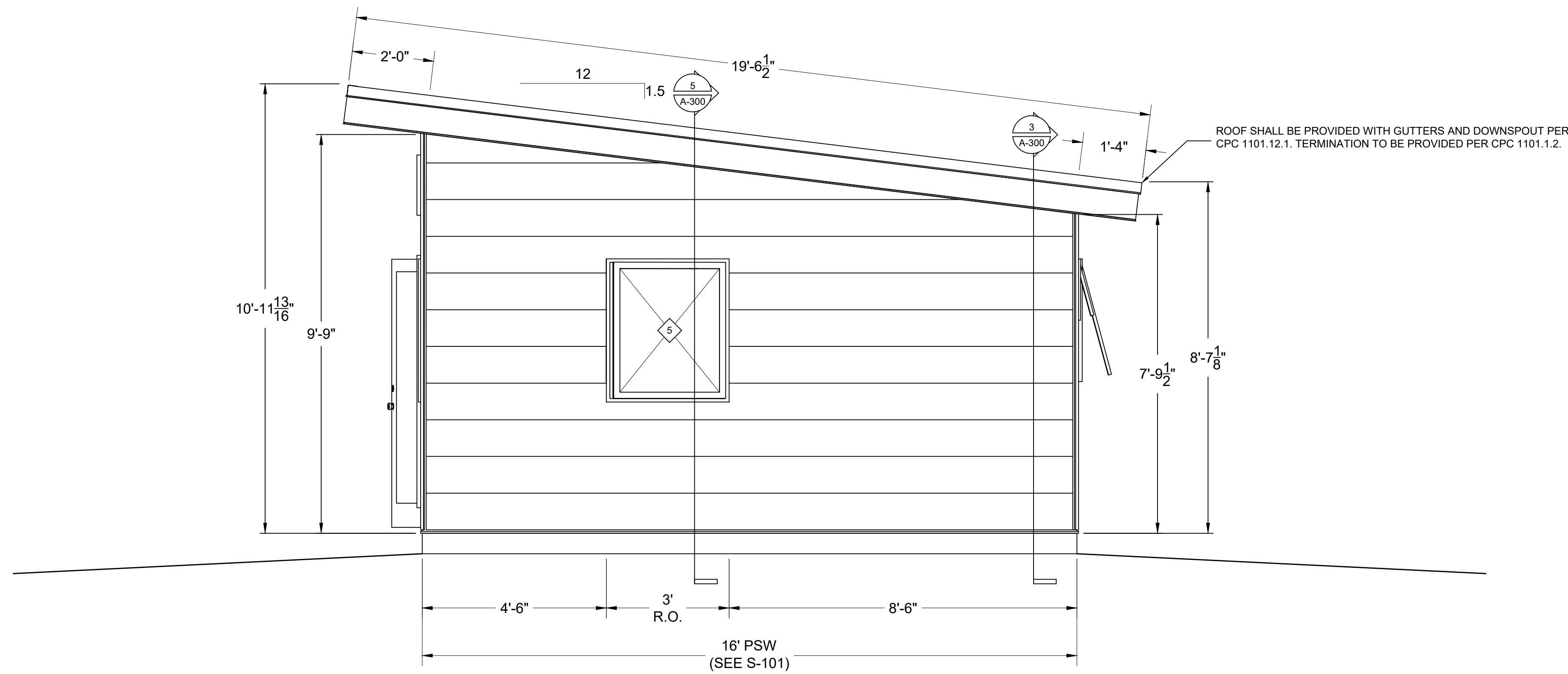
2 BACK ELEVATION
 SCALE: 1/2" = 1'-0"



1500 CHERRY STREET
LOUISVILLE, CO 80027
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ISSUE DATE
1 04.12.2023

REVISIONS

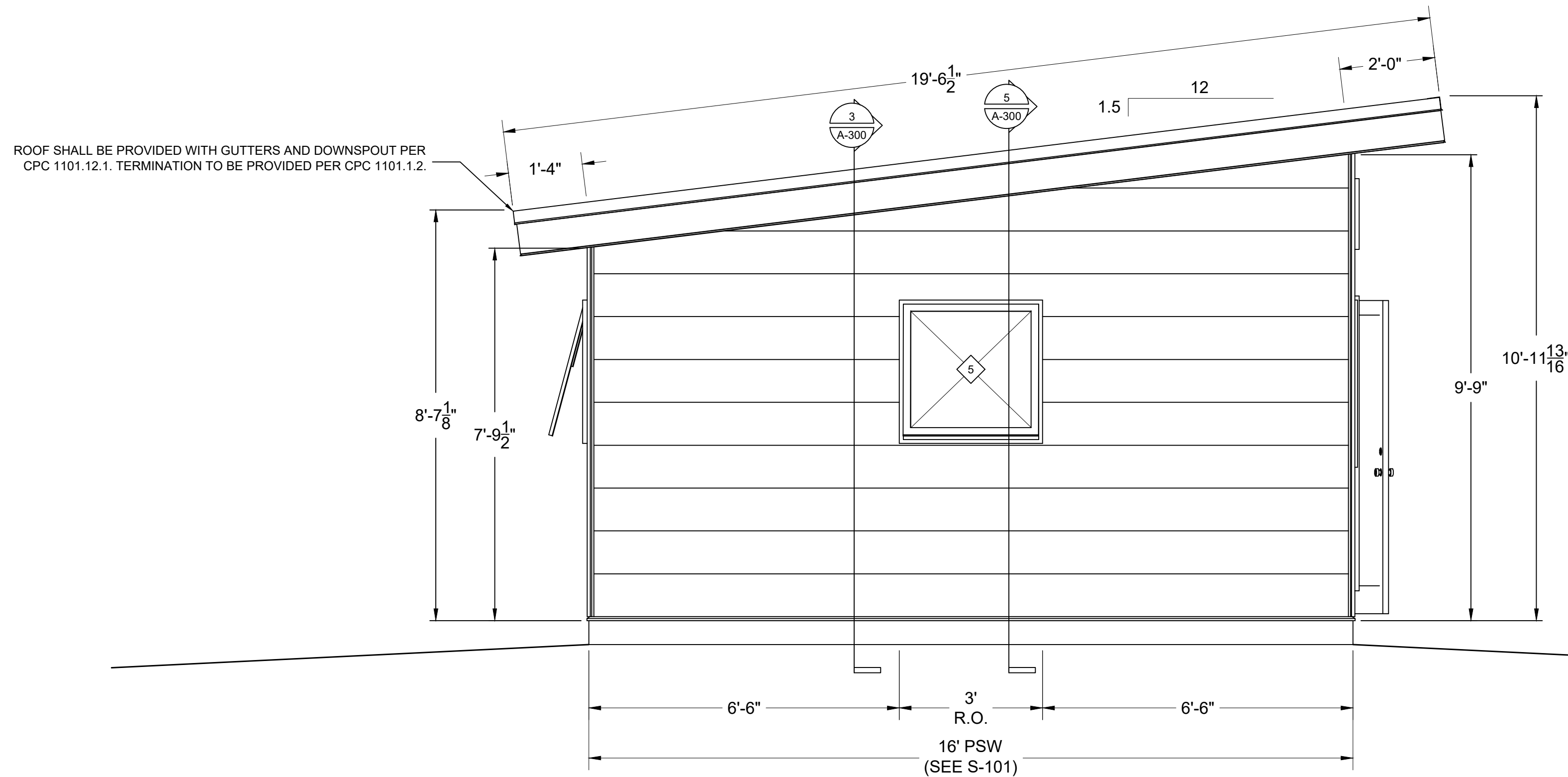


ROOF SHALL BE PROVIDED WITH GUTTERS AND DOWNSPOUT PER CPC 1101.12.1. TERMINATION TO BE PROVIDED PER CPC 1101.1.2.

3 RIGHT ELEVATION
SCALE: 1/2" = 1'-0"

WINDOW AND DOOR SCHEDULE								
NO.	SIZE (WIDTH x HEIGHT)	FRAME	QTY	LOCATION	DESCRIPTION	MAKE / MODEL	U-FACTOR	SHGC
1	6'-1" x 1'-5 3/4"	FIBERGLASS	5	FRONT ELEVATION	FIXED, DOUBLE PANE, LOW-E, TEMPERED	MARVIN ESSENTIALS	.32	.37
2	6'-0" x 3'-6"	FIBERGLASS	2	FRONT ELEVATION	OPERABLE GLIDER, DOUBLE PANE, LOW-E, TEMPERED	MARVIN ESSENTIALS	.30	.33
3	2'-6" x 6'-2"	FIBERGLASS	2	FRONT ELEVATION	FIXED, DOUBLE PANE, LOW-E, TEMPERED	MARVIN ESSENTIALS	.32	.37
4	6'-2 1/2" x 6'-8 3/4"	FIBERGLASS	1	FRONT ELEVATION	72" OUTSWING, LHO, DOUBLE PANE, LOW-E, TEMPERED	THERMATRU	.27	.18
5	3'-0" x 3'-0"	FIBERGLASS	2	BACK AND LEFT ELEVATION	OPERABLE AWNING, DOUBLE PANE, LOW-E, TEMPERED	MARVIN ESSENTIALS	.32	.30
6	3'-0" x 3'-6"	FIBERGLASS	1	RIGHT ELEVATION	OPERABLE AWNING, DOUBLE PANE, LOW-E, TEMPERED	MARVIN ESSENTIALS	.32	.29
7	3'-0" x 1'-6"	FIBERGLASS	1	FRONT AND RIGHT ELEVATION	OPERABLE AWNING, DOUBLE PANE, LOW-E, TEMPERED	MARVIN ESSENTIALS	.32	.30

MIN FINISHED CEILING HEIGHT: 7'-9 1/2"
MAX FINISHED CEILING HEIGHT: 9'-9"
AVERAGE FINISHED CEILING HEIGHT: 8'-9"



ROOF SHALL BE PROVIDED WITH GUTTERS AND DOWNSPOUT PER CPC 1101.12.1. TERMINATION TO BE PROVIDED PER CPC 1101.1.2.

4 LEFT ELEVATION
SCALE: 1/2" = 1'-0"

16' X 38' ACCESSORY DWELLING UNIT
TYPE OF CONSTRUCTION
NAME CLINTON HASLERIG
410 CEDAR RD. BOLINAS, CA 94924
APN: 192-092-29
ADDRESS

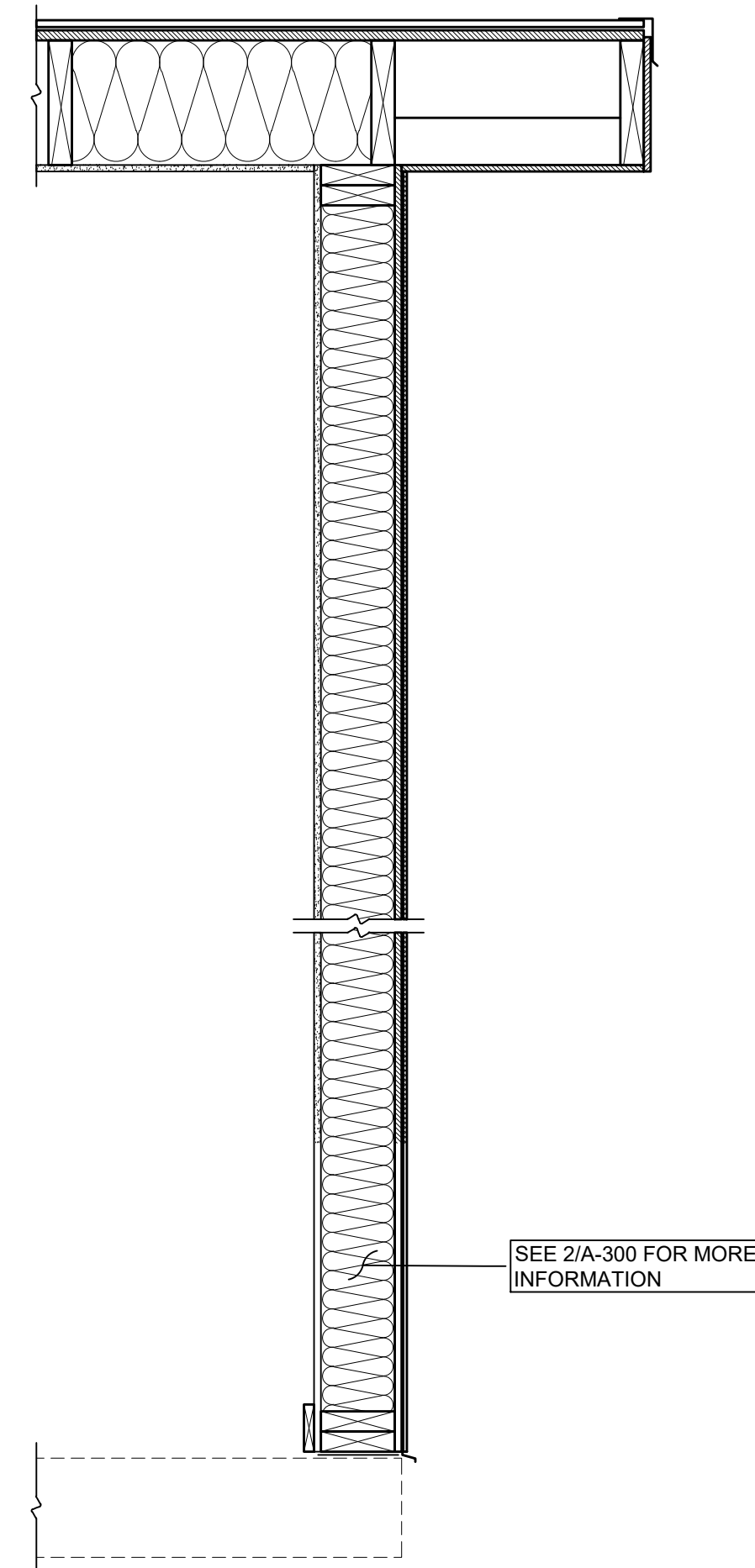
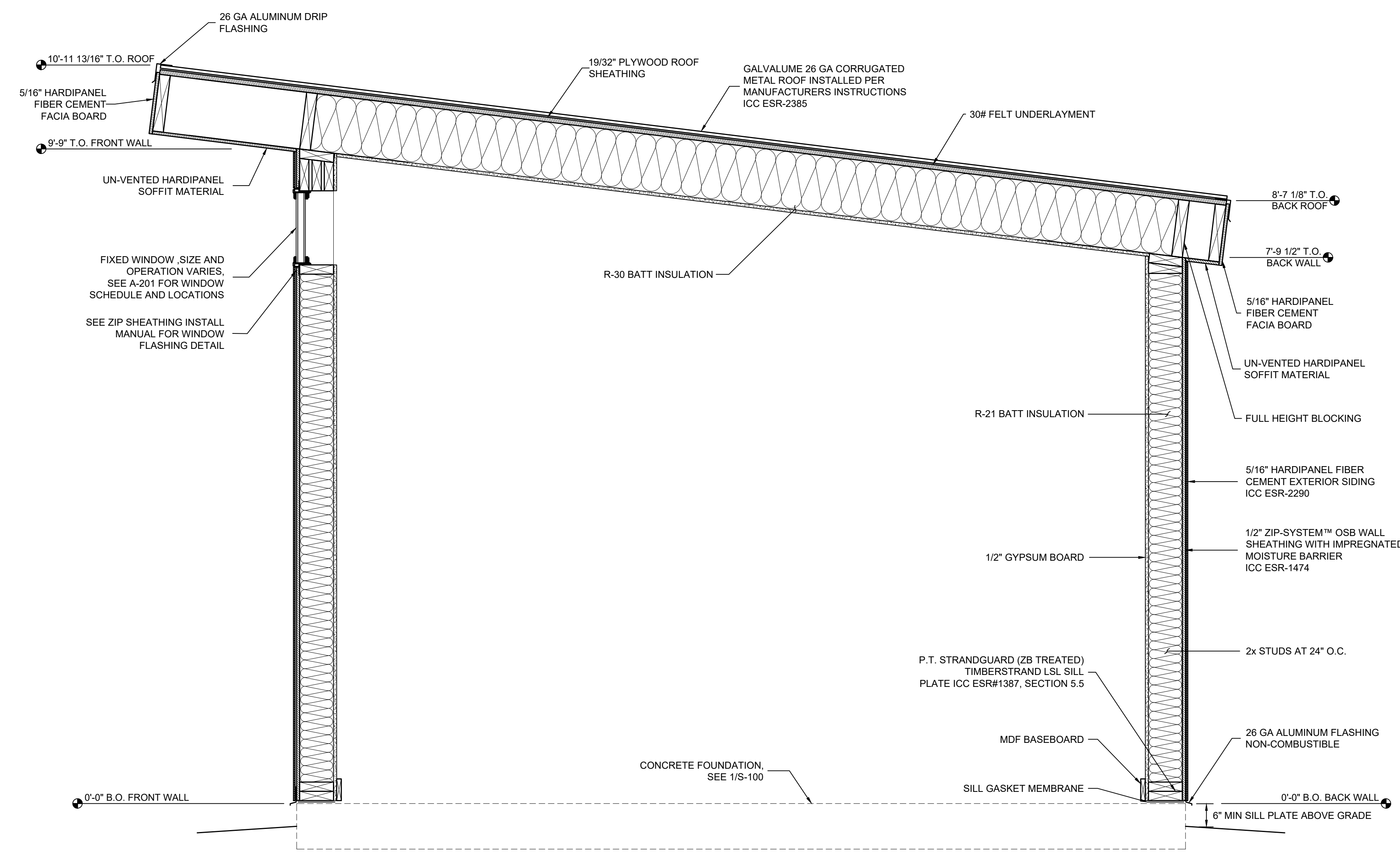
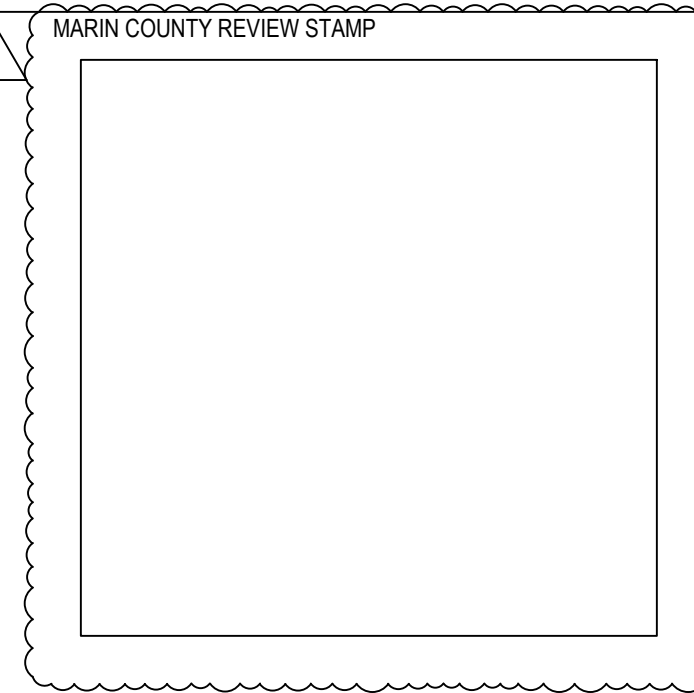
PREPARER OF PLANS:

ANDREW LANGDON
ALANGDON@STUDIOSHED.COM
(303) 945-6973

04/19/23

24x36
SHEET SIZE

A-201
BUILDING ELEVATIONS

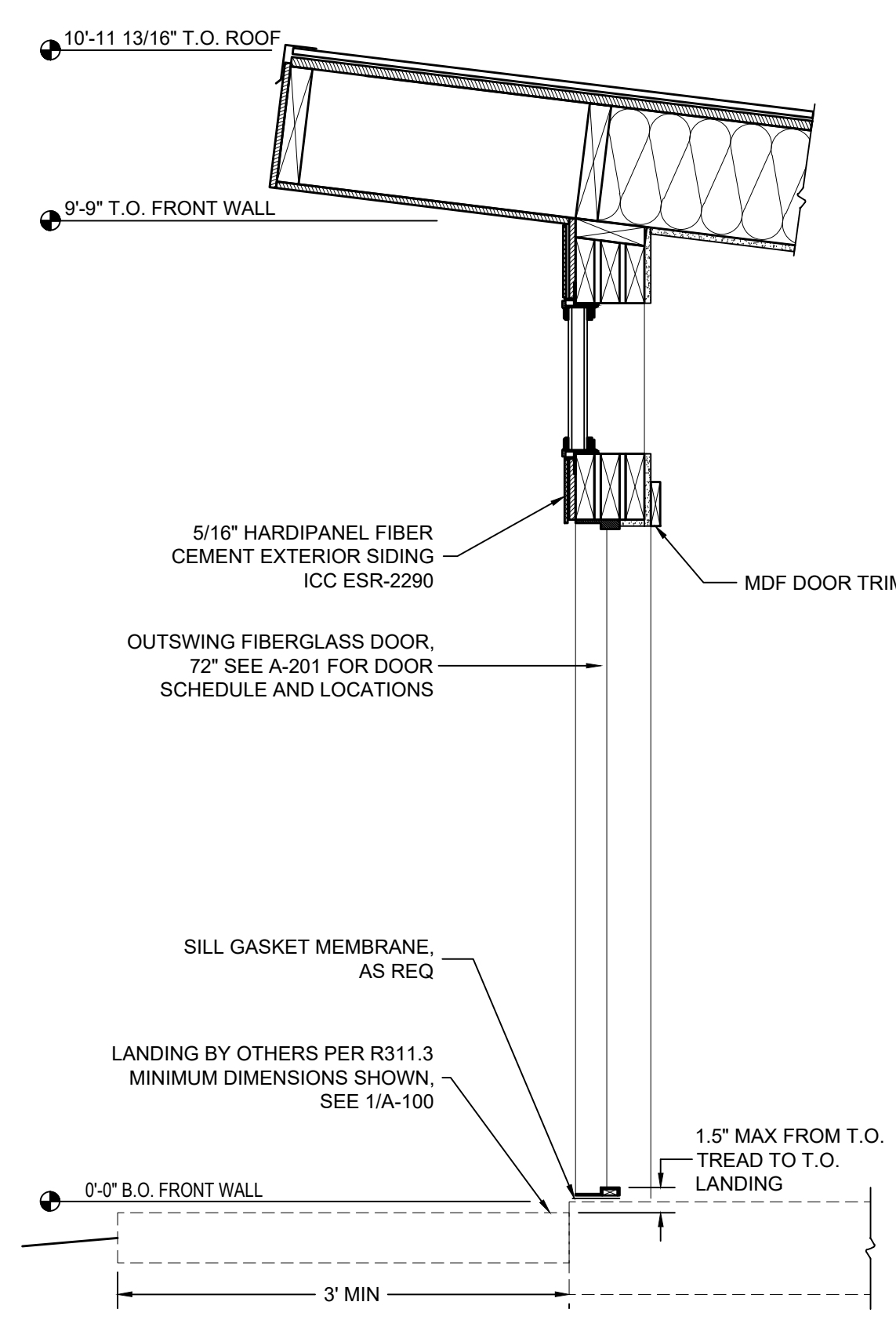


1 FRONT WALL SECTION
 SCALE: 1" = 1'-0"

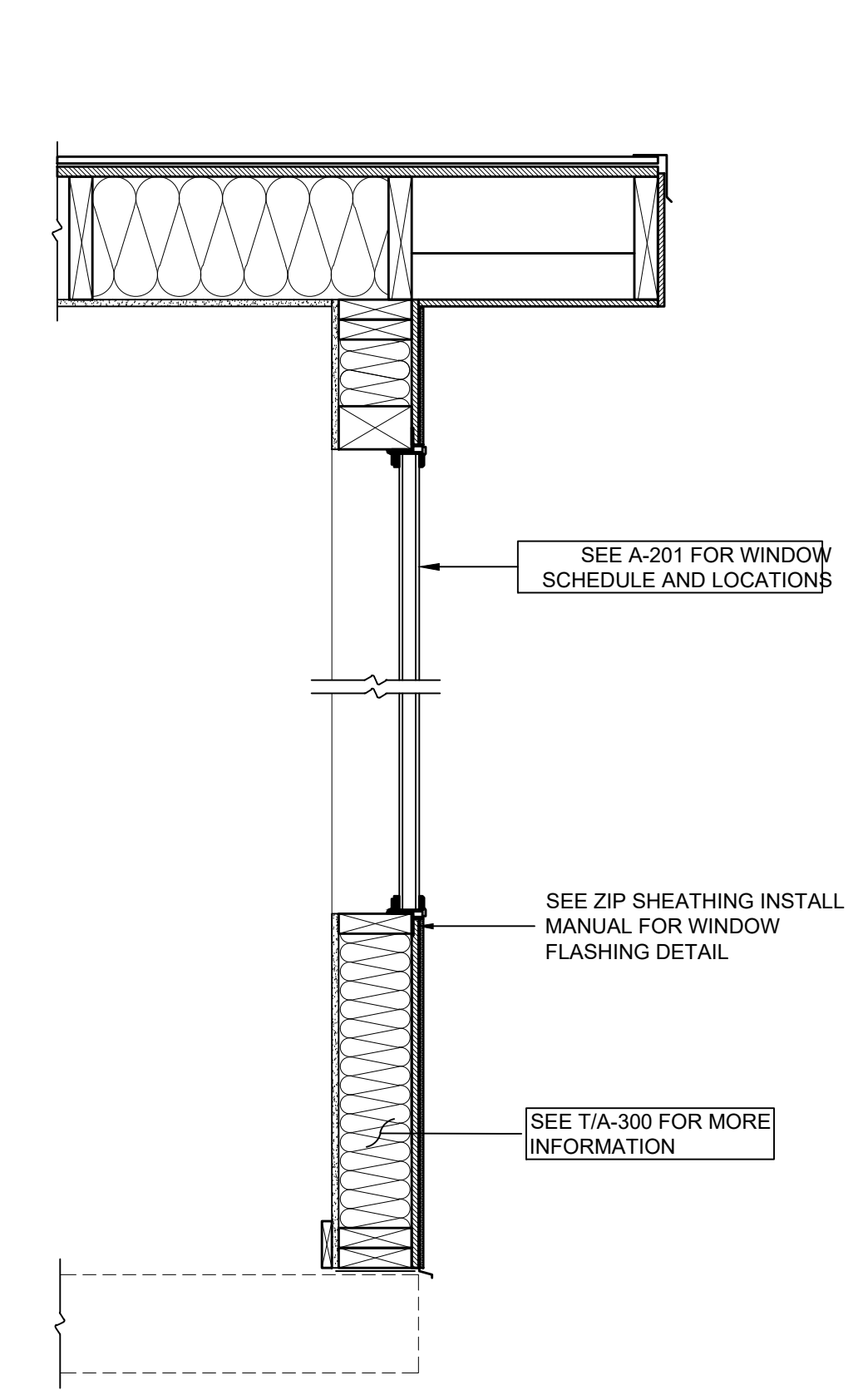
T TRANSVERSE SECTION
 SCALE: 1" = 1'-0"

2 BACK WALL SECTION
 SCALE: 1" = 1'-0"

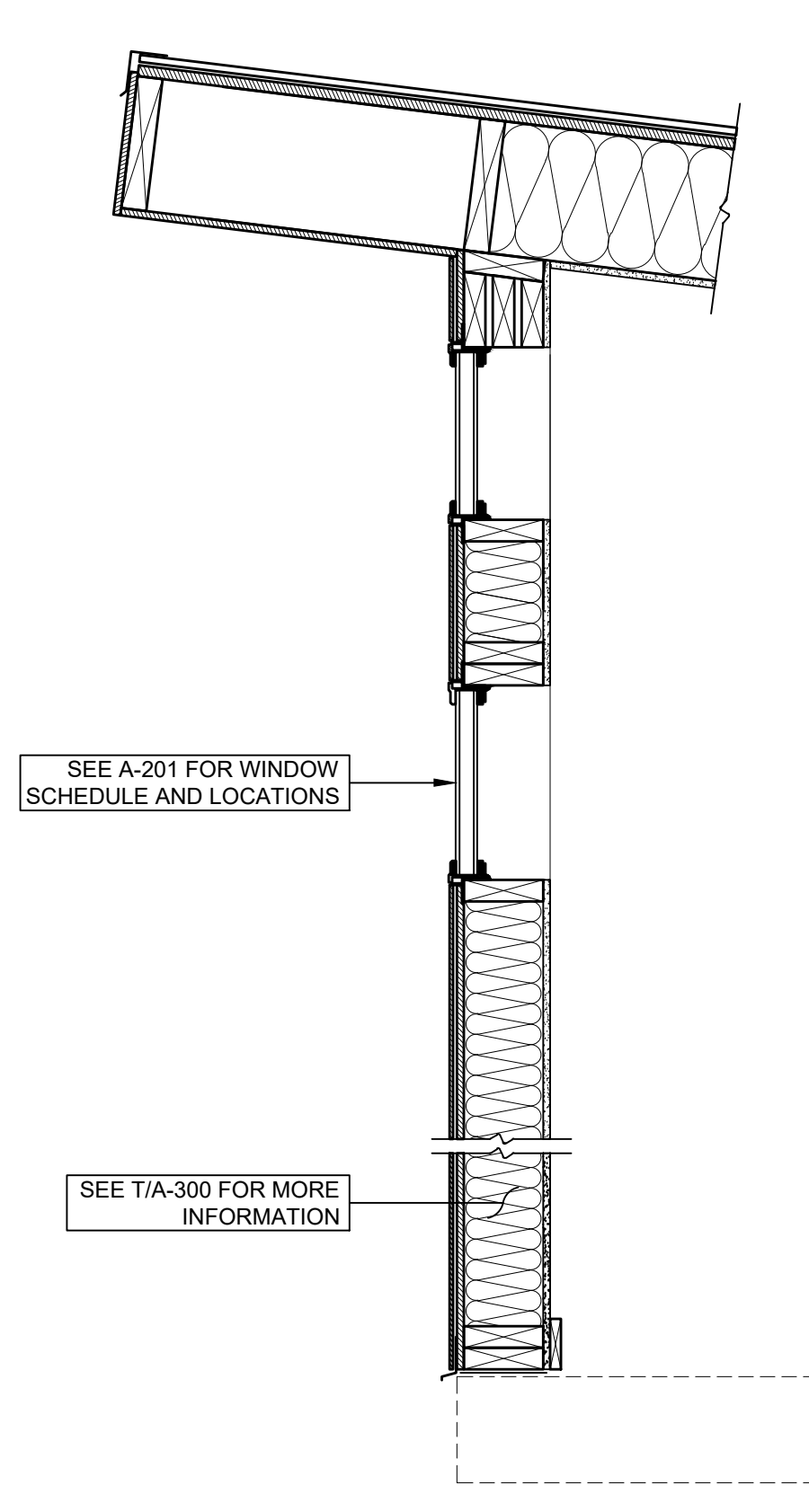
3 RAKE WALL SECTION
 SCALE: 1" = 1'-0"



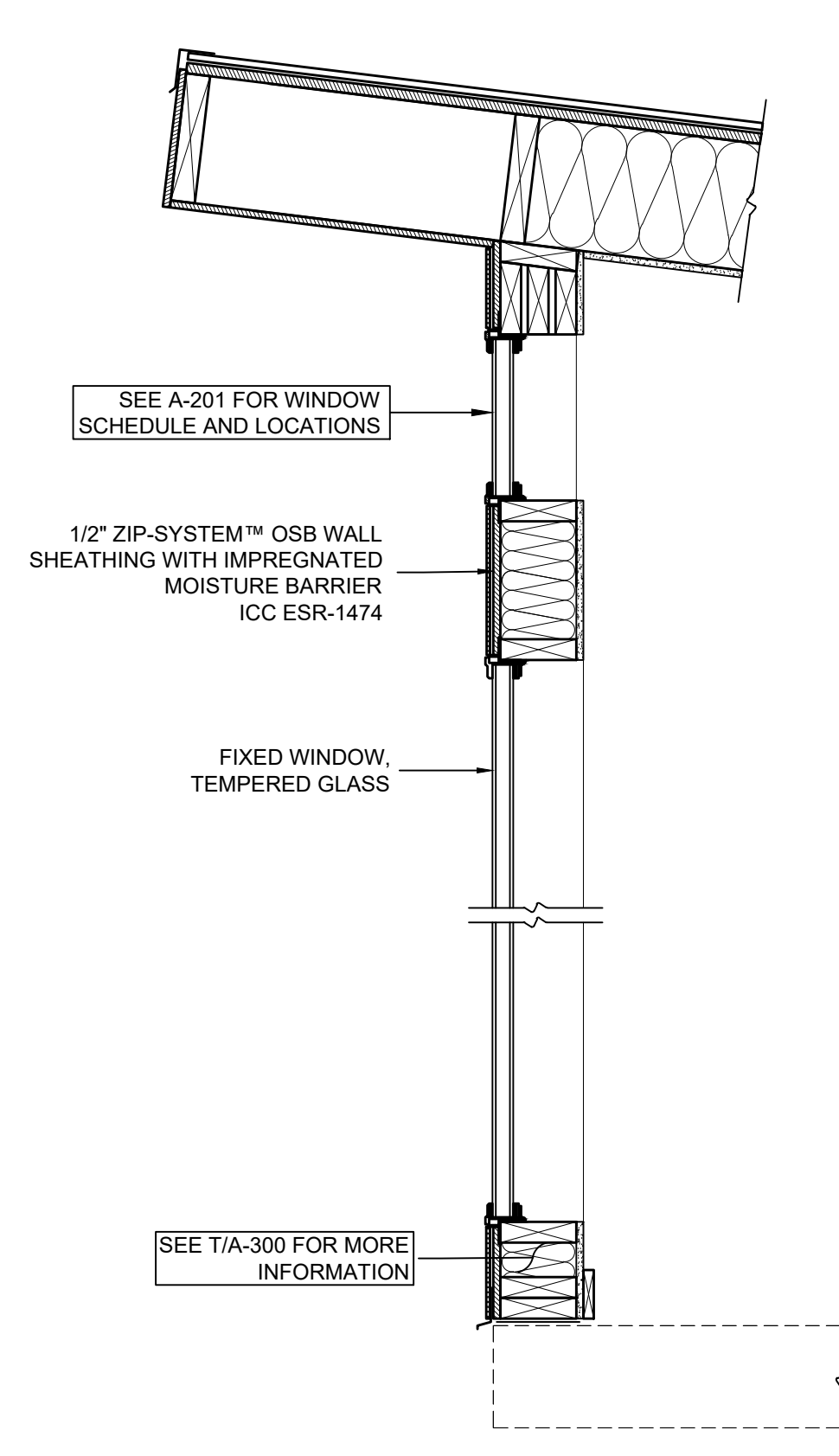
4 FRONT WALL SECTION AT DOOR
 SCALE: 1" = 1'-0"



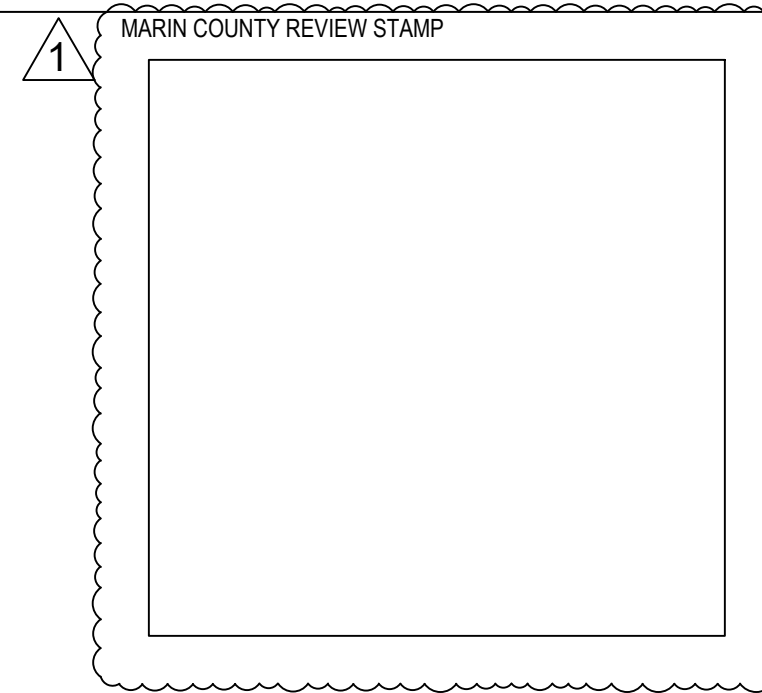
5 TYP WALL SECTION WITH WINDOW
 SCALE: 1" = 1'-0"



6 FRONT WALL SECTION WITH WINDOW
 SCALE: 1" = 1'-0"



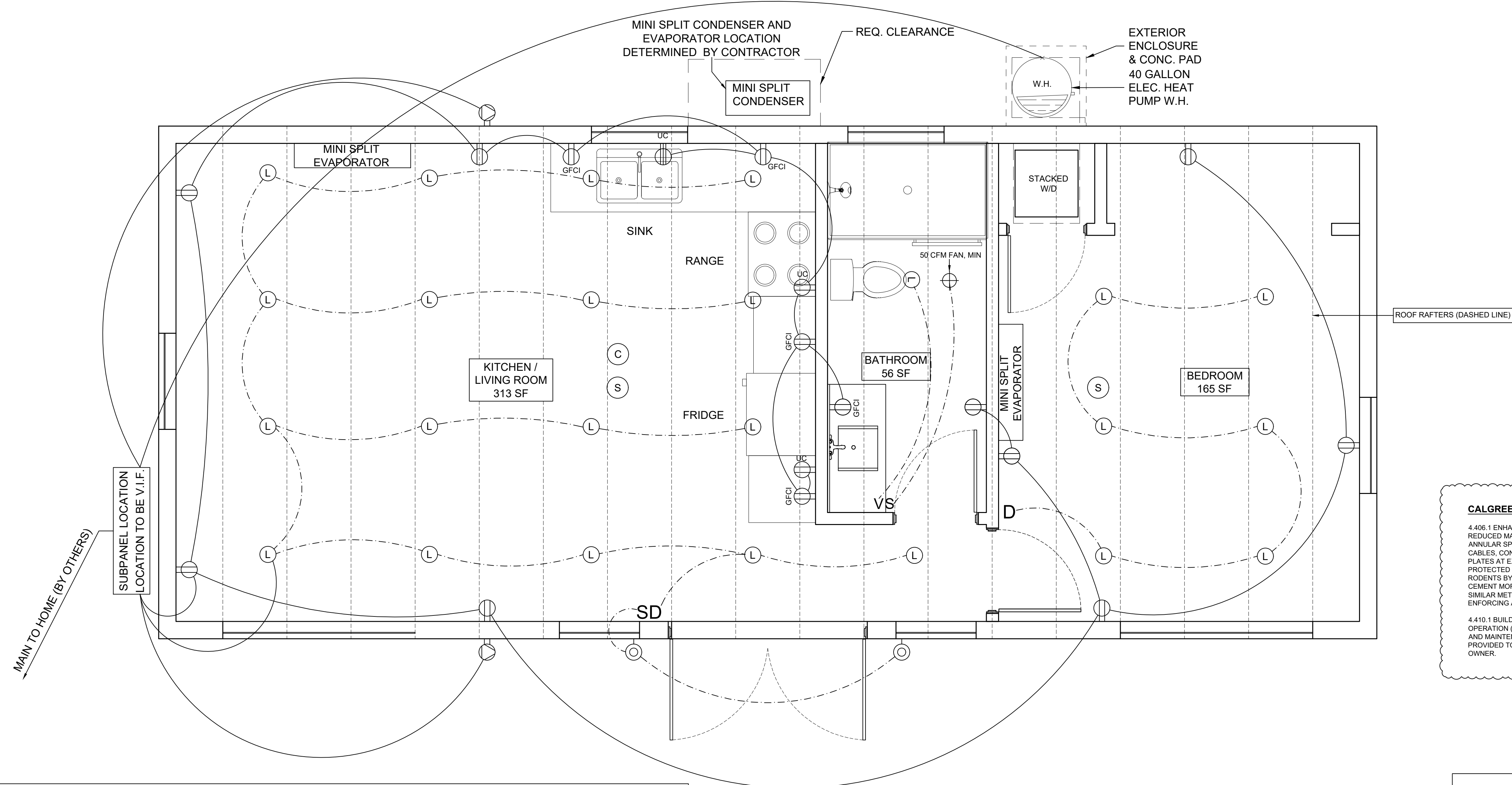
7 FRONT WALL SECTION WITH FIXED WINDOW
 SCALE: 1" = 1'-0"



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ISSUE DATE
 04.12.2023

REVISIONS



CALGREEN NOTES:

4.406.1 ENHANCED DURABILITY AND REDUCED MAINTENANCE (MANDATORY) - ANNULAR SPACES AROUND PIPES, ELECTRIC CABLES, CONDUITS, OR OTHER OPENINGS IN PLATES AT EXTERIOR WALLS SHALL BE PROTECTED AGAINST THE PASSAGE OF RODENTS BY CLOSING SUCH OPENINGS WITH CEMENT MORTAR, CONCRETE MASONRY OR SIMILAR METHOD ACCEPTABLE TO THE ENFORCING AGENCY.

4.410.1 BUILDING MAINTENANCE AND OPERATION (MANDATORY) - AN OPERATION AND MAINTENANCE MANUAL SHALL BE PROVIDED TO THE BUILDING OCCUPANT OR OWNER.

ELECTRICAL GENERAL NOTES:

1. WIRING INSTALLED BY (1) 1/2" Ø HOLE THROUGH STUDS AT 12" O.C. FROM B.O. SILL PLATE
2. JUNCTION BOX INSTALLED AT 4'-6" FROM B.O. PANEL TO B.O. BOX
3. OUTLETS INSTALLED 12" A.F.F. TO BOTTOM OF BOX
4. EXTERIOR LIGHTS INSTALLED 6'-4" AFF TO MOUNTING HOLE
5. DUPLEX OUTLETS ARE CONNECTED TO 20 AMP GFCI CIRCUIT BREAKER.

ELECTRICAL PLAN
 SCALE: 1/2" = 1'-0"

ALL 120-VOLT, SINGLE-PHASE, 15- AND 20- AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS OR DEVICES INSTALLED IN DWELLING UNIT KITCHENS, FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLOR, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, LAUNDRY AREAS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED COMBINATION-TYPE ARC-FAULT CIRCUIT INTERRUPTER, INSTALLED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT. [CEC210.12(A)]

IN EVERY KITCHEN, FAMILY ROOM, DINING ROOM, LIVING ROOM, PARLOR, LIBRARY, DEN, SUNROOM, BEDROOM, RECREATION ROOM, OR SIMILAR ROOM OR AREA OF DWELLING UNITS, RECEPTACLE OUTLETS SHALL BE INSTALLED SUCH THAT NO POINT MEASURED HORIZONTALLY ALONG THE FLOOR LINE OF ANY WALL SPACE IS MORE THAN 1.8M (6 FT) FROM A RECEPTACLE OUTLET; A WALL SPACE SHALL INCLUDE THE FOLLOWING: (1) ANY SPACE 2 FT OR MORE IN WIDTH AND UNBROKEN ALONG THE FLOOR LINE BY DOORWAYS AND SIMILAR OPENINGS, (2) THE SPACE OCCUPIED BY FIRED PANELS IN WALLS, AND (3) THE SPACE AFFORDED BY FIXED ROOM DIVIDERS. RECEPTACLES IN OR ON FLOOR SHALL NOT BE COUNTED AS PART OF THE REQUIRED NUMBER OF RECEPTACLE OUTLETS UNLESS LOCATED WITHIN 18 IN OF THE WALL. [CEC210.52(A)(1)(2) & (3)]

FOR A ONE-FAMILY DWELLING THAT IS AT GRADE LEVEL, AT LEAST ONE RECEPTACLE OUTLET READILY ACCESSIBLE FROM GRADE AND NOT MORE THAN 6-1/2 FEET ABOVE GRADE LEVEL SHALL BE INSTALLED AT THE FRONT AND BACK OF THE DWELLING. [CEC210.52(E)(1)]

A 125-VOLT, SINGLE-PHASE, 15- OR 20-AMPERE-RATED RECEPTACLE OUTLET SHALL BE INSTALLED AT AN ACCESSIBLE LOCATION FOR THE SERVICING OF AIR-CONDITIONING EQUIPMENT. THE RECEPTACLE SHALL BE LOCATED ON THE SAME LEVEL AND WITHIN 25 FT. OF THE AIR-CONDITIONING EQUIPMENT. [CEC210.63]

INSTALLED HEAT PUMP OUTDOOR CONDENSING UNITS SHALL HAVE A CLEARANCE OF AT LEAST FIVE (5) FEET FROM THE OUTLET OF ANY DRYER VENT. INSTALLED HEAT PUMP SYSTEMS SHALL BE EQUIPPED WITH LIQUID LINE FILTER DRIERS IF REQUIRED, AS SPECIFIED BY MANUFACTURER'S INSTRUCTIONS. [CALIFORNIA ENERGY CODE SECTION 150.0(h) 3A & B]

IN DWELLING UNITS, AT LEAST ONE WALL SWITCH-CONTROLLED LIGHTING OUTLET SHALL BE INSTALLED IN EVERY HABITABLE ROOM, KITCHEN, AND BATHROOM. FOR UNDERFLOOR SPACES AND UTILITY ROOMS, AT LEAST ONE LIGHTING OUTLET CONTAINING A SWITCH OR CONTROLLED BY A WALL SWITCH SHALL BE INSTALLED WHERE THESE SPACES ARE USED FOR STORAGE OR CONTAIN EQUIPMENT REQUIRING SERVICING. THE LIGHTING OUTLET SHALL BE PROVIDED AT OR NEAR THE EQUIPMENT REQUIRING SERVICING. [CEC210.70(A)(3)]

RECEPTACLES OF 15 AND 20 AMPERES, 125 AND 250 VOLTS INSTALLED IN A WET LOCATION SHALL HAVE AN ENCLOSURE THAT IS WEATHERPROOF WHETHER OR NOT THE ATTACHMENT PLUG CAP IS INSERTED. AN INSTALLATION SUITABLE FOR WET LOCATIONS SHALL ALSO BE CONSIDERED SUITABLE FOR DAMP LOCATIONS. [CEC406.9(A)(B)]

ALL INTERIOR RESIDENTIAL LIGHTING IS TO BE HIGH EFFICACY AND TO COMPLY WITH CALIFORNIA ENERGY CODE SECTION 150.0 (k) 2.

RECESSED DOWNLIGHT LUMINAIRES IN CEILINGS SHALL BE LISTED FOR ZERO CLEARANCE INSULATION CONTACT (IC) AND HAVE A LABEL THAT CERTIFIES THE LUMINAIRE IS AIRTIGHT WITH AIR LEAKAGE LESS THAN 2.0 CFM AT 75 PASCAL PER ASTM E283. RECESSED DOWNLIGHT LUMINAIRES SHALL BE PROVIDED WITH A GASKET OR CAULK BETWEEN THE LUMINAIRE HOUSING AND CEILING TO SEAL ALL AIR LEAK PATHS BETWEEN CONDITIONED AND UNCONDITIONED SPACES, AND SHALL NOT CONTAIN SCREW BASE SOCKETS. [CALIFORNIA ENERGY CODE SECTION 150.0(k) 1C]

EXCEPT FOR CLOSETS LESS THAN 70 SQUARE FEET AND HALLWAYS, ALL LUMINAIRES THAT CONTAIN LIGHT SOURCES THAT MEET REFERENCE JOINT APPENDIX JA8 REQUIREMENTS FOR DIMMING, AND THAT ARE NOT CONTROLLED BY OCCUPANCY OR VACANCY SENSORS, SHALL HAVE DIMMING CONTROLS. [CALIFORNIA ENERGY CODE SECTION 150.0(k) 2J]

THE NUMBER OF ELECTRICAL BOXES LOCATED MORE THAN 5 FEET ABOVE FINISHED FLOOR THAT DO NOT CONTAIN A LUMINAIRE OR OTHER DEVICE SHALL NOT EXCEED THE NUMBER OF BEDROOMS. THESE BOXES MUST BE SERVED BY A DIMMER, VACANCY SENSOR OR FAN SPEED CONTROL. [CALIFORNIA ENERGY CODE SECTION 150.0(k) 1B]

FOR SINGLE-FAMILY RESIDENTIAL BUILDINGS, OUTDOOR LIGHTING PERMANENTLY MOUNTED TO A RESIDENTIAL BUILDING OR TO OTHER BUILDINGS ON THE SAME LOT SHALL BE HIGH EFFICACY AND SHALL BE CONTROLLED BY EITHER: (1) A MANUAL ON AND OFF SWITCH THAT PERMITS THE AUTOMATIC ACTIONS OF A PHOTOCELL AND MOTION SENSOR OR AN AUTOMATIC TIME SWITCH CONTROL; OR (2) AN ASTRONOMICAL TIME CLOCK. CONTROLS THAT OVERRIDE IT ON SHALL NOT BE ALLOWED UNLESS THE OVERRIDE AUTOMATICALLY RETURNS THE AUTOMATIC CONTROLS TO ITS NORMAL OPERATION WITHIN 6 HOURS. [CALIFORNIA ENERGY CODE SECTION 150.0(k) 3B]

THE SUPPLY SIDE OF MECHANICAL BALANCED VENTILATION SYSTEMS, INCLUDING HEAT RECOVERY VENTILATION SYSTEMS, AND ENERGY RECOVERY VENTILATION SYSTEMS THAT PROVIDE OUTSIDE AIR TO AN OCCUPIABLE SPACE SHALL BE PROVIDED WITH AIR FILTERS IN ACCORDANCE WITH SECTIONS 150.0(m) 12B, C, & D. [CALIFORNIA ENERGY CODE SECTION 150.0(k) 12A]

GAS OR PROPANE WATER HEATERS SHALL BE PROVIDED WITH A DEDICATED 125 VOLT, 20 AMP ELECTRICAL RECEPTACLE THAT IS CONNECTED TO THE ELECTRIC PANEL WITH A 120/240 VOLT 3 CONDUCTOR, 10 AWG COPPER BRANCH CIRCUIT, WITHIN 3 FEET FROM THE UNIT AND ACCESSIBLE WITH NO OBSTRUCTIONS. [CALIFORNIA ENERGY CODE SECTION 150.0(n) 1A]

AN APPROVED SMOKE ALARM SHALL BE INSTALLED IN EACH SLEEPING ROOM & HALLWAY OR AREA GIVING ACCESS TO A SLEEPING ROOM, AND ON EACH STORY AND BASEMENT FOR DWELLINGS WITH MORE THAN ONE STORY, WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING OR SLEEPING UNIT, THE ALARM DEVICES SHALL BE INTERCONNECTED SO THAT ACTUATION OF ONE ALARM WILL ACTIVATE ALL THE ALARMS WITHIN THE INDIVIDUAL DWELLING UNIT. IN NEW CONSTRUCTION SMOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER SOURCE FROM THE BUILDING WIRING AND SHALL BE EQUIPPED WITH BATTERY BACK-UP AND LOW BATTERY SIGNAL. SMOKE ALARMS SHALL COMPLY WITH NFPA 72 AND SECTION R314.

AN APPROVED CARBON MONOXIDE ALARM SHALL BE INSTALLED IN DWELLING UNITS AND IN SLEEPING UNITS WITHIN WHICH FUEL-BURNING APPLIANCES ARE INSTALLED AND IN DWELLING UNITS THAT HAVE ATTACHED GARAGES. CARBON MONOXIDE ALARM SHALL BE PROVIDED OUTSIDE OF EACH SEPARATE DWELLING UNIT SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOM(S) AND ON EVERY LEVEL OF A DWELLING UNIT INCLUDING BASEMENTS, WHERE MORE THAN ONE CARBON MONOXIDE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING OR SLEEPING UNIT, THE ALARM DEVICES SHALL BE INTERCONNECTED SO THAT ACTUATION OF ONE ALARM WILL ACTIVATE ALL THE ALARMS WITHIN THE INDIVIDUAL DWELLING UNIT. IN NEW CONSTRUCTION CARBON MONOXIDE ALARMS SHALL RECEIVE THEIR PRIMARY POWER SOURCE FROM THE BUILDING WIRING AND SHALL BE EQUIPPED WITH BATTERY BACK-UP AND LOW BATTERY SIGNAL. CARBON MONOXIDE ALARMS SHALL COMPLY WITH SECTION R315.

KITCHEN ELECTRICAL NOTES

RECEPTACLES INSTALLED IN A KITCHEN TO SERVE COUNTERTOP SURFACES SHALL BE SUPPLIED BY NOT FEWER THAN TWO SMALL-APPLIANCE BRANCH CIRCUITS, EITHER OR BOTH OF WHICH SHALL ALSO BE PERMITTED TO SUPPLY RECEPTACLE OUTLETS IN THE SAME KITCHEN. ADDITIONAL SMALL-APPLIANCE BRANCH CIRCUITS SHALL BE PERMITTED TO SUPPLY RECEPTACLES OUTLETS IN THE KITCHEN. NO SMALL-APPLIANCE BRANCH CIRCUIT SHALL SERVE MORE THAN ONE KITCHEN. [CEC210.52(B)(3)]

RECEPTACLE OUTLETS SHALL BE INSTALLED AT EACH WALL COUNTERTOP AND WORK SURFACE THAT IS 12 IN. OR WIDER. RECEPTACLE OUTLETS SHALL BE INSTALLED SO THAT NO POINT ALONG THE WALL LINE IS MORE THAN 24 IN. MEASURED HORIZONTALLY FROM A RECEPTACLE OUTLET IN THAT SPACE. RECEPTACLE OUTLETS SHALL NOT BE REQUIRED ON A WALL DIRECTLY BEHIND A RANGE, COUNTER-MOUNTED COOKING UNIT, OR SINK. [CEC210.52(C)(1)]

UNDERCABINET LIGHTING SHALL BE CONTROLLED SEPARATELY FROM CEILING-INSTALLED LIGHTING SUCH THAT ONE CAN BE TURNED ON WITHOUT TURNING ON THE OTHER. [CALIFORNIA ENERGY CODE SECTION 150.0 (k) 2K]

THE INSTALLED KITCHEN RANGE HOOD SHALL BE FIELD VERIFIED IN ACCORDANCE WITH THE PROCEDURES IN RA3.7.4.3 TO CONFIRM THE MODEL IS RATED BY HVI TO COMPLY WITH THE MINIMUM VENTILATION AIRFLOW RATE AS SPECIFIED IN SECTION 5 OF ASHRAE 62.2, AS WELL AS THE MAXIMUM SOUND RATING IN ACCORDANCE WITH SECTION 7.2 OF ASHRAE 62.2. RANGE HOODS MAY BE RATED FOR SOUND AT A STATIC PRESSURE DETERMINED AT WORKING SPEED AS SPECIFIED IN HVI 916 SECTION 7.2. [CALIFORNIA ENERGY CODE SECTION 150.0(n) 2B]

BATHROOM ELECTRICAL NOTES

AT LEAST ONE RECEPTACLE OUTLET SHALL BE INSTALLED IN BATHROOMS WITHIN 3 FT OF THE OUTSIDE EDGE OF EACH BASIN. THE RECEPTACLE OUTLET SHALL BE LOCATED ON A WALL OR PARTITION THAT IS ADJACENT TO THE BASIN OR BASIN COUNTERTOP, LOCATED ON THE COUNTERTOP, OR INSTALLED ON THE SIDE OR FACE OF THE BASIN CABINET. IN NO CASE SHALL THE RECEPTACLE BE LOCATED MORE THAN 12 IN. BELOW THE TOP OF THE BASIN OR BASIN COUNTERTOP. [CEC210.52(D)]

LUMINAIRES INSTALLED IN WET OR DAMP LOCATIONS SHALL BE INSTALLED SUCH THAT WATER CANNOT ENTER OR ACCUMULATE IN WIRING COMPARTMENTS, LAMP HOLDERS, OR OTHER ELECTRICAL PARTS. ALL LUMINAIRES INSTALLED IN DAMP LOCATIONS SHALL BE MARKED "SUITABLE FOR WET LOCATIONS" OR "SUITABLE FOR DAMP LOCATIONS". [CEC410.10(A)]

IN BATHROOMS, AT LEAST ONE LUMINAIRE SHALL BE CONTROLLED BY AN OCCUPANT OR VACANCY SENSOR PROVIDING AUTOMATIC-OFF FUNCTIONALITY. IF AN OCCUPANT SENSOR IS INSTALLED, IT SHALL BE INITIALLY CONFIGURED TO MANUAL-ON OPERATION USING THE MANUAL CONTROL REQUIRED UNDER SECTION 150.0(k)2C.

AT LEAST ONE 120-VOLT, 20-AMPERE BRANCH CIRCUIT SHALL BE PROVIDED TO SUPPLY THE BATHROOM(S) RECEPTACLE(S), WHERE THE 20-AMPERE CIRCUIT SUPPLIES A SINGLE BATHROOM, OUTLETS FOR OTHER EQUIPMENT WITHIN THE SAME BATHROOM SHALL BE PERMITTED TO BE SUPPLIED IN ACCORDANCE WITH 210.23(A)(1) AND (A)(2). [CEC210.11(C)(3)]

ROOMS CONTAINING A BATHTUB, SHOWER, OR TUB/SHOWER COMBINATION SHALL BE MECHANICALLY VENTILATED WITH AN ENERGY STAR COMPLIANT EXHAUST FAN DUCTED TO TERMINATE OUTSIDE THE BUILDING. UNLESS THE FAN FUNCTIONS AS A COMPONENT OF A WHOLE HOUSE VENTILATION SYSTEM, THE FAN MUST BE CONTROLLED BY A HUMIDITY CONTROL. HUMIDITY CONTROLS SHALL BE CAPABLE OF ADJUSTMENT BETWEEN A RELATIVE HUMIDITY RANGE OF 45 TO 50 PERCENT TO A MAXIMUM OF 80 PERCENT. THE HUMIDITY CONTROL MAY UTILIZE MANUAL OR AUTOMATIC MEANS OF ADJUSTMENT AND MAY BE A SEPARATE COMPONENT TO THE EXHAUST FAN. [CGBC 4.506.1]

L HIGH EFFICACY INTERIOR LIGHT FIXTURE CA ENERGY CODE: 150.0 (k) 2	D DIMMER SWITCH	S SWITCH	⊕ EXTERIOR RATED GFCI DUPLEX OUTLET	⊕ TAMPER RESISTANT DUPLEX OUTLET	⊙ HIGH EFFICACY EXTERIOR LIGHT FIXTURE CA ENERGY CODE: 150.0 (k) 3	V VACANCY SWITCH	S SMOKE ALARM R314	C CARBON MONOXIDE ALARM R315
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16' X 38' ACCESSORY DWELLING UNIT
 TYPE OF CONSTRUCTION
 CLINTON HASLERIG
 NAME
 410 CEDAR RD. BOLINAS, CA 94924
 ADDRESS
 APN: 192-092-29

PREPARER OF PLANS:

ANDREW LANGDON
 ALANGDON@STUDIOSHED.COM
 (303) 945-6973

04/19/23

24x36
 SHEET SIZE

E-100
 ELECTRICAL PLAN

PROJECT DESCRIPTION:
 608 SQ FT OF NEW CONSTRUCTION (STAND ALONE STRUCTURE)
 16'-0 x 38'-0 ACCESSORY DWELLING UNIT (ADU)

STRUCTURAL GENERAL NOTES:
DESIGN LOADS: 2022 CALIFORNIA BUILDING CODE WITH MARIN COUNTY AND CITY OF BOLINAS LOCAL AMENDMENTS ASCE 7-16
RISK CATEGORY
 II STANDARD

ROOFS:
 ROOF DEAD LOAD **15 PSF**
 ROOF LIVE LOAD **20 PSF**
 GROUND SNOW LOAD **0 PSF**

WALLS:
 EXT WALL DEAD LOAD **10 PSF**

WIND:
 ULTIMATE DESIGN WIND SPEED, VULT, (3-SECOND GUST) = 100 MPH
 INTERNAL PRESSURE COEFFICIENT = 0.18 (ENCLOSED)
 WIND EXPOSURE = C
 COMPONENTS AND CLADDING DESIGN WIND PRESSURES (ULTIMATE)
 WALLS:

ROOFS:

ZONE 3	+16.0 PSF	-36.6 PSF
ZONE 3'	+16.0 PSF	-51.4 PSF
ZONE 2	+16.0 PSF	-27.3 PSF
ZONE 2'	+16.0 PSF	-32.9 PSF
ZONE 1	+16.0 PSF	-23.6 PSF

OVERHANGS:

ZONE 3	+16.0 PSF	-48.0 PSF
ZONE 3'	+16.0 PSF	-62.8 PSF
ZONE 2	+16.0 PSF	-38.8 PSF
ZONE 2'	+16.0 PSF	-44.3 PSF

PRESSURES MAY BE REDUCED FOR EFFECTIVE WIND AREAS LARGER THAN 10 SQUARE FEET, BUT NOT BELOW 16 PSF.

SEISMIC:
 SPECTRAL RESPONSE ACCELERATION PARAMETERS
 SHORT PERIOD **SS 2.442G SDS 1.954G**
 ONE SECOND **S1 1.024G SD1 1.161G**
 SOILS SITE CLASS **D**
 SEISMIC IMPORTANCE FACTOR **1.0**
 SEISMIC DESIGN CATEGORY **E**
 BASIC SEISMIC-FORCE-RESISTING SYSTEM(S)
 LIGHT-FRAMED WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATED FOR SHEAR RESISTANCE
 DESIGN BASE SHEAR(S) **7.213 KIPS (ULTIMATE)**
 SEISMIC RESPONSE COEFFICIENT(S), CS **0.301**
 RESPONSE MODIFICATION COEFFICIENT(S), R **6.5**
 ANALYSIS PROCEDURE **EQUIVALENT LATERAL FORCE**

FOUNDATION DESIGN:
 FOUNDATIONS ARE DESIGNED WITH AN ENGINEER'S SOIL INVESTIGATION PREFORMED BY AGNEW CIVIL ENGINEERING ON NOVEMBER 1ST, 2022.

SLAB ON GRADE
 DESIGN OF SLAB ON GRADE IS BASED ON MAXIMUM ALLOWABLE BEARING PRESSURE 1800 PSF BEAR ON THE NATURAL UNDISTURBED SOIL OR COMPACTED STRUCTURAL FILL. ALL EARTHWORK AND PAD PREPARATION SHALL BE COMPLETED PER THE ABOVE-REFERENCED GEOTECHNICAL REPORT (SECTION 9.5.2).

STRUCTURAL GENERAL NOTES:

REINFORCED CONCRETE:
 DESIGN IS BASED ON ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND ACI 332 "REQUIREMENTS FOR RESIDENTIAL CONCRETE CONSTRUCTION." CONCRETE WORK SHALL CONFORM TO ACI 301 "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE."

STRUCTURAL CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES:

MAX	SLUMP,	ENTRAINED						
F'C, PSI	W/C	MAXIMUM	INCHES	AIR, PERCENT	CEMENT	ADMIXTURES,		
INTENDED USE	28 DAY	RATIO	AGGREGATE	(+/- 1")	(+/- 1.5%)	TYPE	COMMENTS	
SLAB ON GRADE	3000	0.45	3/4" STONE	4	3	V		

PER A4.403.2: CEMENT USE IN FOUNDATION MIX DESIGN IS REDUCED IN ACCORDANCE WITH MARIN COUNTY BUILDING CODE 19.07 - CEMENT REDUCTION PATHWAY

DETAILING, FABRICATION, AND PLACEMENT OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT."
 REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, EXCEPT TIES OR BARS SHOWN TO BE FIELD-BENT, WHICH SHALL BE GRADE 60.
 BARS TO BE WELDED SHALL CONFORM TO ASTM 706.
 AT CORNERS AND INTERSECTIONS, MAKE HORIZONTAL BARS CONTINUOUS OR PROVIDE MATCHING CORNER BARS FOR EACH LAYER OF REINFORCEMENT.

REINFORCED CONCRETE CONTINUED:
 UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS, LAP BARS 50 DIAMETERS (MINIMUM) EXCEPT AS NOTED ON THE DRAWINGS, CONCRETE PROTECTION FOR REINFORCEMENT IN CAST-IN-PLACE CONCRETE SHALL BE AS FOLLOWS:

CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3"
EXPOSED TO EARTH OR WEATHER:	
#5 BAR, W31 OR D31 WIRE, AND SMALLER	1-1/2"
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:	
SLABS, WALLS, JOISTS: #11 BARS AND SMALLER	3/4"
BEAMS AND COLUMNS:	
PRIMARY REINFORCEMENT	1-1/2"
STIRRUPS, TIES, SPIRALS	1-1/2"

STRUCTURAL WOOD & TIMBER:

DESIGN IS BASED ON ANSI/AF&PA NDS "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH SUPPLEMENT: DESIGN VALUES FOR WOOD CONSTRUCTION" AND ANSI/AF&PA SDPWS "SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC"
 2X FRAMING SHALL BE S4S SPF#2 OR BETTER UNLESS NOTED OTHERWISE.
 ALL LUMBER SHALL BE 19% MAXIMUM MOISTURE CONTENT, UNLESS NOTED OTHERWISE.
 STUDS SHALL BE SPF NO. 2 AND BETTER OR STUD GRADE.
 TOP AND BOTTOM PLATES SHALL BE SPF NO. 2 AND BETTER OR STUD GRADE.
 FASTENERS FOR USE WITH TREATED WOOD SHALL COMPLY WITH CRC SECTION R317.3
 WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE-TREATED DOUGLAS FIR-LARCH OR SOUTHERN YELLOW PINE.
 PRESERVATIVE TREATED WOOD SHALL BE TREATED IN ACCORDANCE WITH AWWA U1 AND AEP4 M4.
 CONVENTIONAL LIGHT FRAMING SHALL COMPLY WITH CRC SECTIONS R502, R602, AND R802.
 MINIMUM NAILING SHALL BE PROVIDED AS SPECIFIED IN CBC TABLE 2304.10.1 "FASTENER SCHEDULE FOR STRUCTURAL MEMBERS."
 METAL FRAMING ANCHORS SHOWN OR REQUIRED, SHALL BE SIMPSON STRONG-TIE OR EQUAL CODE APPROVED CONNECTORS AND INSTALLED WITH THE NUMBER AND TYPE OF NAILS RECOMMENDED BY THE MANUFACTURER TO DEVELOP THE MAXIMUM RATED CAPACITY.
 NOTE THAT HEAVY-DUTY HANGERS AND SKEWED HANGERS MIGHT NOT BE STOCKED LOCALLY AND REQUIRE SPECIAL ORDER FROM THE FACTORY.
 LEAD HOLES FOR LAG SCREWS SHALL BE 40%-70% OF THE SHANK DIAMETER AT THE THREADED SECTION AND EQUAL TO THE SHANK DIAMETER AT THE UNTHREADED SECTION PER NDS SECTION 11.1.3.
 CONNECTOR BOLTS AND LAG SCREWS SHALL CONFORM TO ANSI/ASME B18.2.1 AND ASTM SAE J429 GRADE 1.
 NAILS AND SPIKES SHALL CONFORM TO ASTM F1667.
 WOOD SCREWS SHALL CONFORM TO ANSI/ASME B18.6.1

WOOD FRAMING NOTES:
 ALL BEAMS SHALL BE BRACED AGAINST ROTATION AT POINTS OF BEARING.
 PROVIDE CONTINUOUS WALL STUDS EACH SIDE OF OPENINGS EQUAL TO ONE-HALF OR GREATER THE NUMBER OF STUDS INTERRUPTED BY OPENING UNLESS NOTED OTHERWISE.
 ALL WALL STUDS SHALL BE CONTINUOUS FROM FLOOR TO FLOOR OR FROM FLOOR TO ROOF.
 PROVIDE SOLID BLOCKING OR RIM JOISTS AT ALL JOIST SUPPORTS AND JOIST ENDS.
 SOLE PLATE AT ALL PERIMETER WALLS AND AT DESIGNATED SHEAR WALLS SHALL BE NAILED WITH (3) 10D BOX NAILS (COATED OR DEFORMED SHANK) AT 16".
 ALL ROOF RAFTERS, JOISTS, BEAMS SHALL BE ANCHORED TO SUPPORTS WITH METAL FRAMING ANCHORS.

WOOD SHEATHING:
 PLYWOOD AND ORIENTED STRAND BOARD (OSB) FLOOR AND ROOF SHEATHING SHALL BE APA RATED WITH STAMP INCLUDING APA TRADEMARK AND PANEL SPAN RATING.
 MINIMUM ROOF SHEATHING: 19/32" OSB OR CDX PLYWOOD, APA 32/16, NAILED.
 MINIMUM WALL SHEATHING: 7/16" OSB OR CDX PLYWOOD, APA 24/16, BLOCKED AND NAILED.
 NAIL SHEATHING WITH MINIMUM 8D COMMON OR 10D BOX AT 6" AT PANEL EDGES, AND 12" AT INTERMEDIATE FRAMING EXCEPT AS NOTED. BLOCK AND NAIL ALL EDGES BETWEEN STUDS. MINIMUM (3) 8D NAILS PER STUD TO PLATES. NAIL ALL PLATES USING EDGE NAIL SPACING INDICATED.
 SHEATHE ALL EXTERIOR WALLS. SHEATHE INTERIOR WALLS AS DESIGNATED ON THE DRAWINGS.
 SHEATHING SHALL BE CONTINUOUS FROM BOTTOM PLATE TO TOP PLATE. CUT IN "L" AND "T" SHAPES AROUND OPENINGS.

STRUCTURAL GENERAL NOTES:

PLANT FABRICATED / PRE-ENGINEERED WOOD FRAMING:
 MEMBERS NOTED AS LSL (LAMINATED STRAND LUMBER) ON PLAN SHALL BE PLANT-FABRICATED AND HAVE THE FOLLOWING MINIMUM ALLOWABLE DESIGN VALUES:
 Fb=1700 PSI Fv=400 PSI Fcpar=1400 PSI Fcperp=680 PSI E=1300 KSI

MEMBERS NOTED AS LVL STUDS (LAMINATED VENEER LUMBER) ON PLAN SHALL BE 1-1/2" WIDE x DEPTH INDICATED, PLANT-FABRICATED, AND HAVE THE FOLLOWING MINIMUM ALLOWABLE DESIGN VALUES:
 Fb=2400 PSI Fv=285 PSI Fcpar=3000 PSI E=1700 KSI

MEMBERS NOTED AS LVL RAFTERS (LAMINATED VENEER LUMBER) ON PLAN SHALL BE 1-3/4" WIDE x DEPTH INDICATED, PLANT-FABRICATED, AND HAVE THE FOLLOWING MINIMUM ALLOWABLE DESIGN VALUES:
 Fb=2600 PSI Fv=285 PSI Fcpar=2460 PSI Fcperp=750 PSI E=1900 KSI

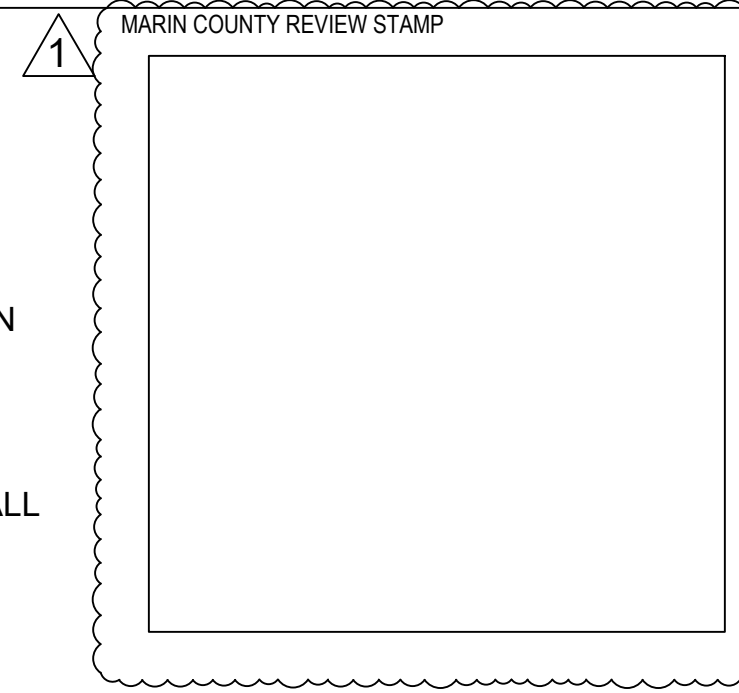
STRUCTURAL ERECTION AND BRACING REQUIREMENTS:

THE STRUCTURAL DRAWINGS ILLUSTRATE AND DESCRIBE THE COMPLETED STRUCTURE WITH ELEMENTS IN THEIR FINAL POSITIONS, PROPERLY SUPPORTED, CONNECTED, AND/OR BRACED.
 THE STRUCTURAL DRAWINGS ILLUSTRATE TYPICAL AND REPRESENTATIVE DETAILS TO ASSIST THE GENERAL CONTRACTOR. DETAILS SHOWN APPLY AT ALL SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED. ALTHOUGH DUE DILIGENCE HAS BEEN APPLIED TO MAKE THE DRAWINGS AS COMPLETE AS POSSIBLE, NOT EVERY DETAIL IS ILLUSTRATED AND NOT EVERY EXCEPTIONAL CONDITION IS ADDRESSED.
 ALL PROPRIETARY CONNECTIONS AND ELEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS' RECOMMENDATIONS.
 ALL WORK SHALL BE ACCOMPLISHED IN A WORKMANLIKE MANNER AND IN ACCORDANCE WITH THE APPLICABLE CODES AND LOCAL ORDINANCES.
 THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL WORK, INCLUDING LAYOUT AND DIMENSION VERIFICATION, MATERIALS COORDINATION, SHOP DRAWING REVIEW, AND THE WORK OF SUBCONTRACTORS. ANY DISCREPANCIES OR OMISSIONS DISCOVERED IN THE COURSE OF THE WORK SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT AND STRUCTURAL ENGINEER FOR RESOLUTION. CONTINUATION OF WORK WITHOUT NOTIFICATION OF DISCREPANCIES RELIEVES THE ARCHITECT AND STRUCTURAL ENGINEER FROM ALL CONSEQUENCES.
 TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL ALL FLOORS, WALLS, ROOFS AND ANY OTHER SUPPORTING ELEMENTS ARE IN PLACE.
 THESE PLANS HAVE BEEN ENGINEERED FOR CONSTRUCTION AT ONE SPECIFIC BUILDING SITE. BUILDER ASSUMES ALL RESPONSIBILITY FOR USE OF THESE PLANS AT ANY OTHER BUILDING SITE. PLANS SHALL NOT BE USED FOR CONSTRUCTION AT ANY OTHER BUILDING SITE WITHOUT SPECIFIC REVIEW BY THE ENGINEER LICENSED IN THAT JURISDICTION.

SPECIAL INSPECTIONS:

PER THE CBC:
 1705.3 – SPECIAL INSPECTION SHALL BE REQUIRED WHEN THE SPECIFIED CONCRETE COMPRESSIVE STRENGTH PER THE APPROVED PLANS IS GREATER THAN 2500 PSI AND WHEN THE FOOTINGS OR TURNDOWNS SUPPORTING WALLS ARE NOT CONTINUOUS.
 1705.4 – NO SPECIAL INSPECTION WILL BE REQUIRED BECAUSE WE DO NOT SHOW MASONRY CONSTRUCTION.
 1705.5 – WE ARE USING UNBLOCKED ROOF DIAPHRAGMS PER THE SDPWS. THIS IS NOT CONSIDERED HIGH LOAD AND DOES NOT REQUIRE SPECIAL INSPECTION.
 1705.12.2 – PERIODIC SPECIAL INSPECTIONS ARE NOT REQUIRED FOR SHEAR WALLS WITH 6 INCH ON CENTER PANEL EDGE NAILING. WHEN THE SHORT PERIOD ACCELERATION, Sps, IS GREATER THAN 0.5 OR THE BUILDING HEIGHT IS GREATER THAN 35 FEET, PERIODIC INSPECTIONS ARE REQUIRED FOR SHEAR WALLS WITH 4 INCH ON CENTER EDGE NAILING OR LESS.

NAIL SIZES							
PENNYWEIGHT	TYPE	DIAMETER	LENGTH	PENNYWEIGHT	TYPE	DIAMETER	LENGTH
8d	COMMON	0.131"	2 1/2"	12d	COMMON	0.148"	3 1/4"
8d	BOX	0.113"	2 1/2"	12d	BOX	0.128"	3 1/4"
8d	SINKER	0.113"	2 3/8"	12d	SINKER	0.135"	3 1/8"
8d	GUN	0.113"	2 3/8"	12d	GUN	0.131"	3 1/4"
10d	COMMON	0.148"	3"	16d	COMMON	0.162"	3 1/2"
10d	BOX	0.128"	3"	16d	BOX	0.135"	3 1/2"
10d	SINKER	0.120"	2 7/8"	16d	SINKER	0.148"	3 1/4"
10d	GUN	0.131"	3"				
ALL NAILS TO BE GUN NAILS, UNLESS NOTED OTHERWISE							



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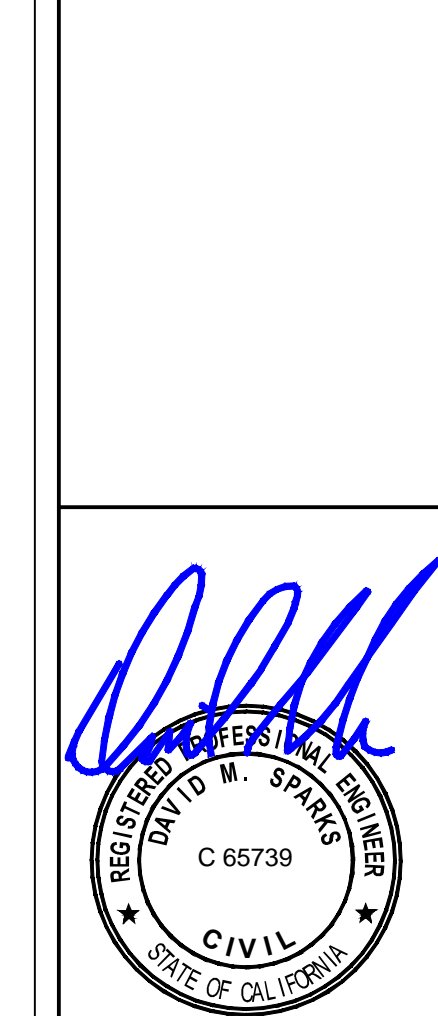
REVISIONS

16' X 38' ACCESSORY DWELLING UNIT
 TYPE OF CONSTRUCTION
 CLINTON HASLERIG
 NAME
 410 CEDAR RD., BOLINAS, CA 94924
 APN: 192-092-29
 ADDRESS

PREPARER OF PLANS:

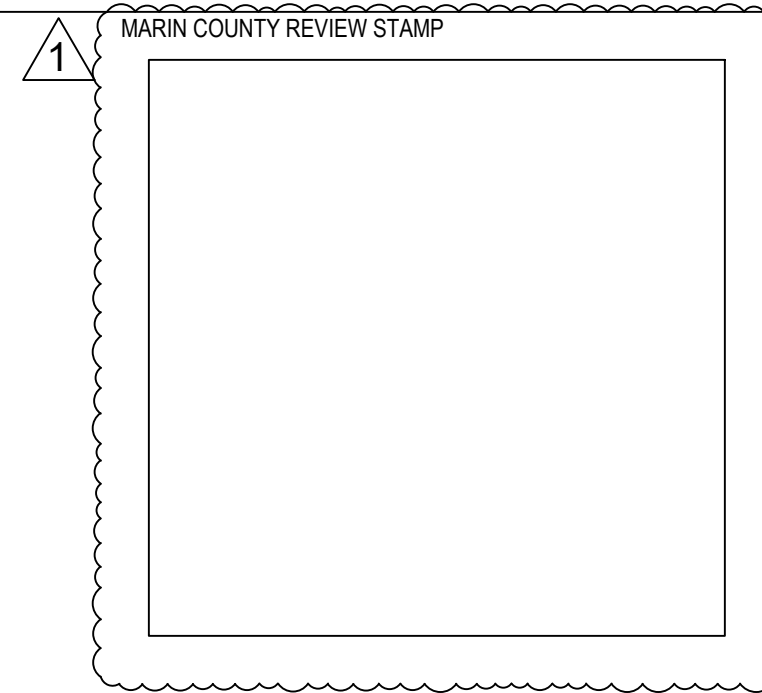
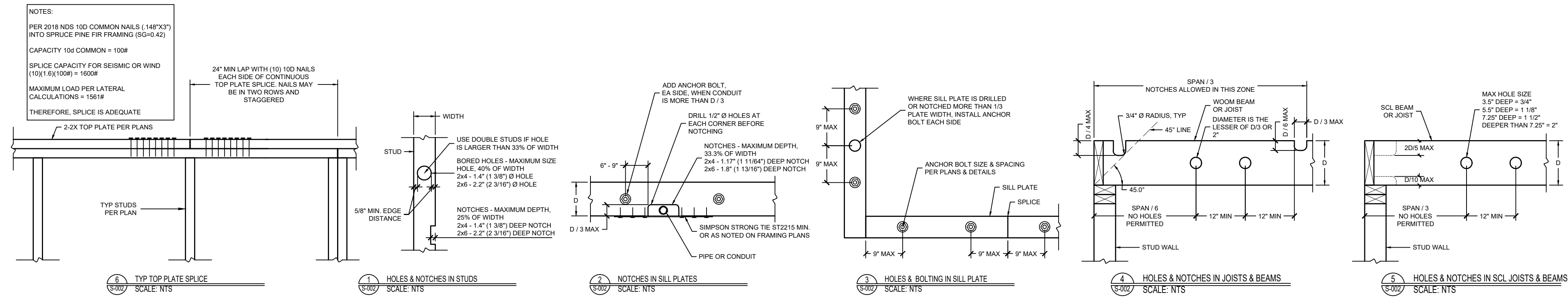
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04/19/23



24x36
 SHEET SIZE

S-001
 STRUCTURAL GENERAL NOTES



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REVISIONS

FASTENING SCHEDULE 2022 CALIFORNIA BUILDING CODE TABLE 2304.10.1

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING AND LOCATION	
ROOF									
1. BLOCKING BETWEEN CEILING JOISTS, RAFTERS OR TRUSSES TO TOP PLATE OR OTHER FRAMING BELOW	3-8d COMMON (2 1/2" x 0.131") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	EACH END, TOENAIL	11. CONTINUOUS HEADER TO STUD	4-8d COMMON (2 1/2" x 0.131") 4-10d BOX (3" x 0.128")	TOENAIL	27. BUILT-UP GIRDERS AND BEAMS, 2" LUMBER LAYERS (CONT.)	10d BOX (2 1/2" x 0.128") 3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	24" O.C., FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES	
BLOCKING BETWEEN RAFTERS OR TRUSS NOT AT THE WALL TOP PLATE, TO RAFTER OR TRUSS	2-8d COMMON (2 1/2" x 0.131") 2-3" x 0.131" NAILS 2-3" 14 GAGE STAPLES	EACH END, TOENAIL	12. TOP PLATE TO TOP PLATE	16d COMMON (3 1/2" x 0.162")	16" O.C. FACE NAIL	AND: 2-20d COMMON (4" x 0.192") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	ENDS AND AT EACH SPLICE, FACE NAIL		
FLAT BLOCKING TO TRUSS AND WEB FILLER	2-16d COMMON (3 1/2" x 0.162") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES	END NAIL	13. TOP PLATE TO TOP PLATE, AT END JOINTS	8-16d COMMON (3 1/2" x 0.162") 12-10d BOX (3" x 0.128") 12-3" x 0.131" NAILS 12-3" 14 GAGE STAPLES, 7/16" CROWN	EACH SIDE OF END JOINT, FACE NAIL (MINIMUM 24" LAP SPLICE LENGTH EACH SIDE OF END JOINT)	28. LEDGER STRIP SUPPORTING JOISTS OR RAFTERS	3-16d COMMON (3 1/2" x 0.162") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	EACH JOIST OR RAFTER, FACE NAIL	
2. CEILING JOIST TO TOP PLATE	3-8d COMMON (2 1/2" x 0.131") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	EACH JOIST, TOENAIL	14. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162")	16" O.C. FACE NAIL	29. JOIST TO BAND JOIST OR RIM JOIST	3-16d COMMON (3 1/2" x 0.162") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL	
3. CEILING JOIST NOT ATTACHED TO PARALLEL RAFTER, LAPS OVER PARTITIONS (NO THRUST) (SEE SECTION 2308.7.3.1, TABLE 2308.7.3.1)	3-16d COMMON (3 1/2" x 0.162") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL	15. BOTTOM PLATE TO JOIST, RIM JOIST, BAND JOIST OR BLOCKING (AT BRACED WALL PANELS)	2-16d COMMON (3 1/2" x 0.162") 3-16d COMMON (3 1/2" x 0.162") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL	30. BRIDGING OR BLOCKING JOIST, RAFTER OR TRUSS	2-8d COMMON (2 1/2" x 0.131") 2-10d BOX (3" x 0.128") 2-3" x 0.131" NAILS 2-3" 14 GAGE STAPLES, 7/16" CROWN	EACH END, TOENAIL	
4. CEILING JOIST ATTACHED TO PARALLEL RAFTER (HEEL JOINT) (SEE SECTION 2308.7.3.1, TABLE 2308.7.3.1)	PER TABLE 2308.7.3.1	FACE NAIL	16. STUD TO TOP OR BOTTOM PLATE	4-8d COMMON (2 1/2" x 0.131") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL	WOOD STRUCTURAL PANELS, SUBFLOOR, ROOF AND INTERIOR WALL SHEATHING TO FRAMING AND PARTICLEBOARD WALL SHEATHING TO FRAMING			
5. COLLAR TIE TO RAFTER	3-10d COMMON (3" x 0.148") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL	17. TOP OR BOTTOM PLATE TO STUD	2-16d COMMON (3 1/2" x 0.162") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	END NAIL	EDGES	6d COMMON OR DEFORMED (2" x 0.113") (SUBFLOOR AND WALL)	6"	12"
6. RAFTER OR ROOF TRUSS TO TOP PLATE (SEE SECTION 2308.7.5, TABLE 2308.7.3.1)	3-10d COMMON (3" x 0.148") 3-16d BOX (3 1/2" x 0.135") 4-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL	18. TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS	2-16d COMMON (3 1/2" x 0.162") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL	INTERMEDIATE SUPPORTS	8d BOX OR DEFORMED (2 1/2" x 0.113") (ROOF)	6"	12"
7. ROOF RAFTERS TO RIDGE VALLEY OR HIP RAFTERS; OR ROOF RAFTER TO 2-INCH RIDGE BEAM	2-16d COMMON (3 1/2" x 0.162") 3-10d BOX (3" x 0.128") 4-3" x 0.131" NAILS 4-3" 14 GAGE STAPLES, 7/16" CROWN	EACH END	19. 1" BRACE TO EACH STUD AND PLATE	2-8d COMMON (2 1/2" x 0.131") 2-10d BOX (3" x 0.128") 2-3" x 0.131" NAILS 2-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL	31. 3/8" - 1/2"	1 3/8" 16 GAGE STAPLE, 7/16" CROWN (SUBFLOOR AND WALL)	4"	8"
8. STUD TO STUD (NOT AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162") 10d BOX (3" x 0.128") 3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	24" O.C. FACE NAIL 16" O.C. FACE NAIL	20. 1" x 6" SHEATHING TO EACH BEARING	2-16d COMMON (3 1/2" x 0.162") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL	32. 19/32" - 3/4"	1 3/8" 16 GAGE STAPLE, 7/16" CROWN (ROOF)	3"	6"
9. STUD TO STUD AND ABUTTING STUDS AT INTERSECTING WALL CORNERS (AT BRACED WALL PANELS)	16d COMMON (3 1/2" x 0.162") 16d BOX (3 1/2" x 0.135") 3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	16" O.C. FACE NAIL 12" O.C. FACE NAIL	21. 1" x 8" AND WIDER SHEATHING TO EACH BEARING	2-8d COMMON (2 1/2" x 0.131") 2-10d BOX (3" x 0.128") 2-3" x 0.131" NAILS 2-3" 14 GAGE STAPLES, 7/16" CROWN	FACE NAIL	33. 7/8" - 1 1/4"	2" 16 GAGE STAPLE, 7/16" CROWN 10d COMMON (3" x 0.148") 8d DEFORMED (2 1/2" x 0.131")	4"	8"
10. BUILT-UP HEADER (2" TO 2" HEADER)	16d COMMON (3 1/2" x 0.162") 16d BOX (3 1/2" x 0.135")	16" O.C. EACH EDGE, FACE NAIL 12" O.C. EACH EDGE, FACE NAIL	FLOOR			34. 1/2" FIBERBOARD SHEATHING	1 3/8" GALVANIZED ROOFING NAIL (7/16" HEAD DIAMETER) 1 1/2" 16 GAGE STAPLE WITH 7/16" CROWN OR 1" CROWN	3"	6"
			22. JOIST TO SILL, TOP PLATE, OR GIRDER	3-8d COMMON (2 1/2" x 0.131") 3-10d BOX (3" x 0.128") 3-3" x 0.131" NAILS 3-3" 14 GAGE STAPLES, 7/16" CROWN	TOENAIL	35. 5/8" FIBERBOARD SHEATHING	1 3/8" GALVANIZED ROOFING NAIL (7/16" HEAD DIAMETER) 1 1/2" 16 GAGE STAPLE WITH 7/16" CROWN OR 1" CROWN	3"	6"
			23. RIM JOIST, BAND JOIST, OR BLOCKING TO TOP PLATE, SILL, OR OTHER FRAMING BELOW	8d COMMON (2 1/2" x 0.131") 10d BOX (3" x 0.128") 3" x 0.131" NAILS 3" 14 GAGE STAPLES, 7/16" CROWN	6" O.C., TOENAIL	WOOD STRUCTURAL PANELS, COMBINATION SUBFLOOR UNDERLAYMENT TO FRAMING			
			24. 1" x 6" SUBFLOOR OR LESS TO EACH JOIST	2-8d COMMON (2 1/2" x 0.131") 2-10d BOX (3" x 0.128")	FACE NAIL	36. 3/4" AND LESS	8d COMMON (2 1/2" x 0.131") 6d DEFORMED (2" x 0.113")	6"	12"
			25. 2" SUBFLOOR TO JOIST OR GIRDER	2-16d COMMON (3 1/2" x 0.162")	FACE NAIL	37. 7/8" - 1"	8d COMMON (2 1/2" x 0.131") 8d DEFORMED (2 1/2" x 0.131")	6"	12"
			26. 2" PLANKS (PLANK AND BEAM-FLOOR & ROOF)	2-16d COMMON (3 1/2" x 0.162")	EACH BEARING, FACE NAIL	38. 1 1/8" - 1 1/4"	10d COMMON (3" x 0.148") 8d DEFORMED (2 1/2" x 0.131")	6"	12"
			27. BUILT-UP GIRDERS AND BEAMS, 2" LUMBER LAYERS	20d COMMON (4" x 0.192")	32" O.C., FACE NAIL AT TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES	PANEL SIDING TO FRAMING			
						39. 1/2" AND LESS	6d CORROSION-RESISTANT SIDING (1 5/8" x 0.106") 6d CORROSION-RESISTANT CASING (2" x 0.099")	6"	12"
						40. 5/8"	8d CORROSION-RESISTANT SIDING (2 3/8" x 0.128") 8d CORROSION-RESISTANT CASING (2 1/2" x 0.113")	6"	12"
						PANEL SIDING TO FRAMING			
						41. 1/4"	4d CASING (1 1/2" x 0.080") 4d FINISH (1 1/2" x 0.072")	6"	12"
						42. 3/8"	6d CASING (2" x 0.099") 6d FINISH (PANEL SUPPORTS AT 24 INCHES)	6"	12"

a. NAILS SPACED AT 6 INCHES AT INTERMEDIATE SUPPORTS WHERE SPANS ARE 48 INCHES OR MORE. FOR NAILING OF WOOD STRUCTURAL PANEL AND PARTICLEBOARD DIAPHRAGMS AND SHEAR WALLS, REFER TO SECTION 2305. NAILS FOR SHEATHING ARE PERMITTED TO BE COMMON, BOX, OR CASING.
 b. SPACING SHALL BE 6 INCHES ON CENTER ON THE EDGES AND 12 INCHES ON CENTER AT INTERMEDIATE SUPPORTS FOR NONSTRUCTURAL APPLICATIONS. PANEL SUPPORTS AT 16 INCHES. (20 INCHES IF STRENGTH AXIS IN THE LONG DIRECTION OF THE PANEL, UNLESS OTHERWISE MARKED).
 c. WHERE A RAFTER IS FASTENED TO AN ADJACENT PARALLEL CEILING JOIST IN ACCORDANCE WITH THIS SCHEDULE AND THE CEILING JOIST IS FASTENED TO THE TOP PLATE IN ACCORDANCE WITH THIS SCHEDULE, THE NUMBER OF TOENAILS IN THE RAFTER SHALL BE PERMITTED TO BE REDUCED BY ONE NAIL.

16' X 38' ACCESSORY DWELLING UNIT
 TYPE OF CONSTRUCTION
 CLINTON HASLERING
 NAME
 410 CEDAR RD. BOLINAS, CA 94924
 ADDRESS
 APN: 192-092-29
 ADDRESS

PREPARER OF PLANS:

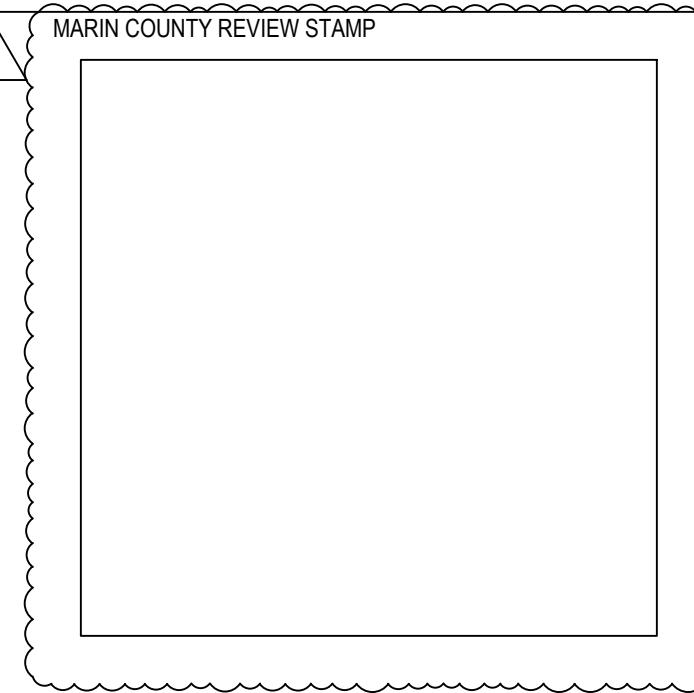
ANDREW LANGDON
 ALANGDON@STUDIOSHED.COM
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04/19/23



24x36 SHEET SIZE

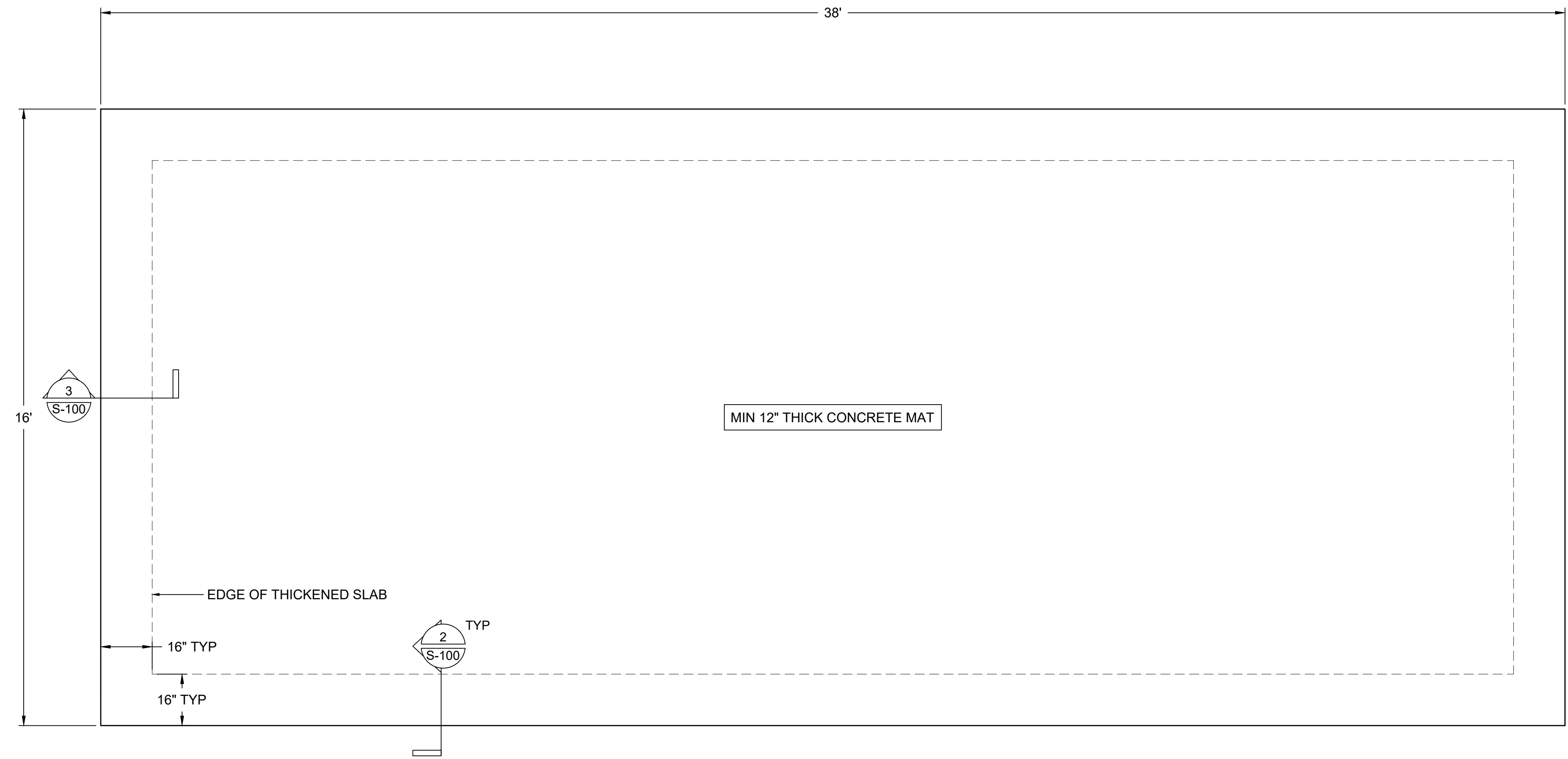
S-002
 STRUCTURAL GENERAL NOTES



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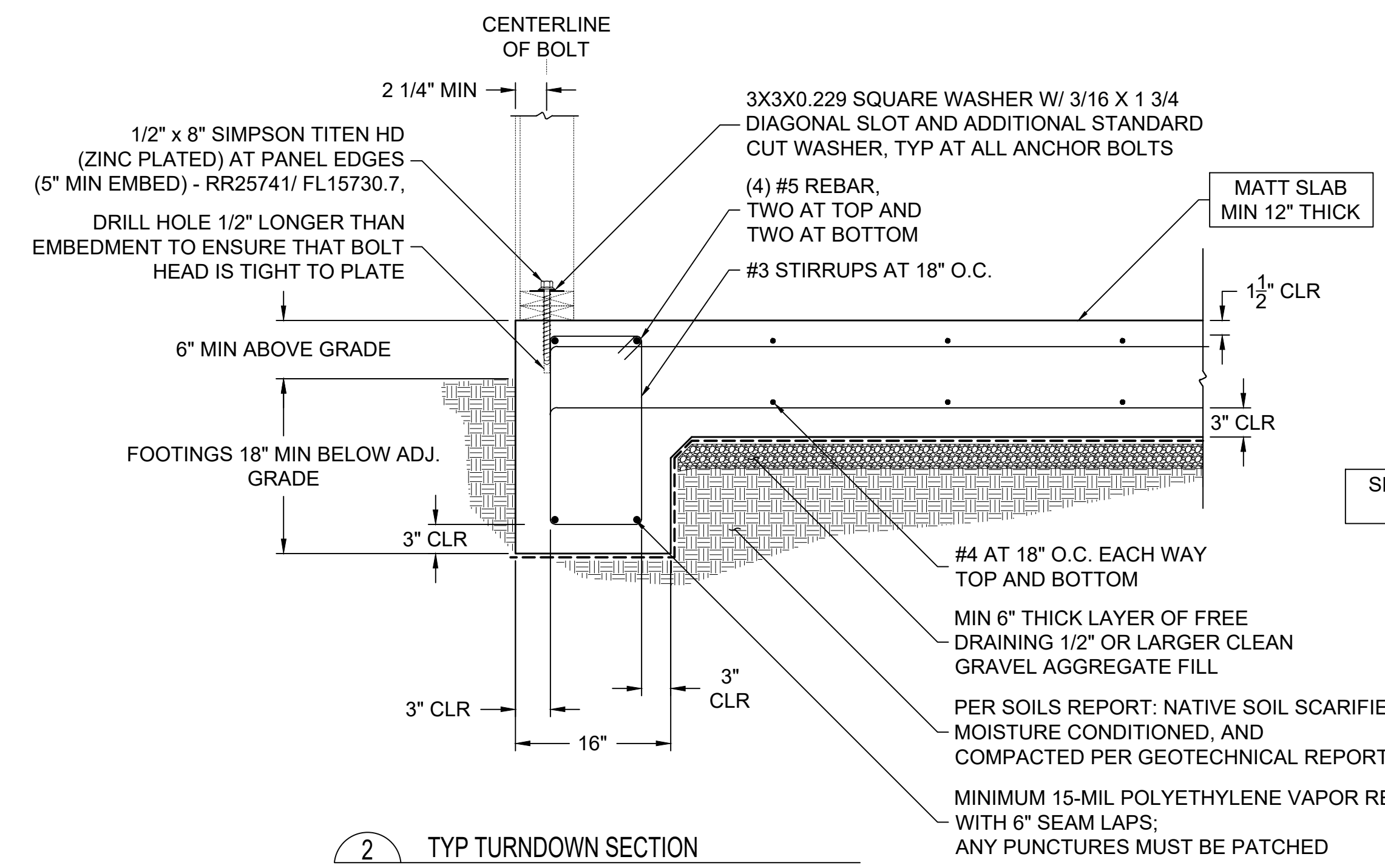
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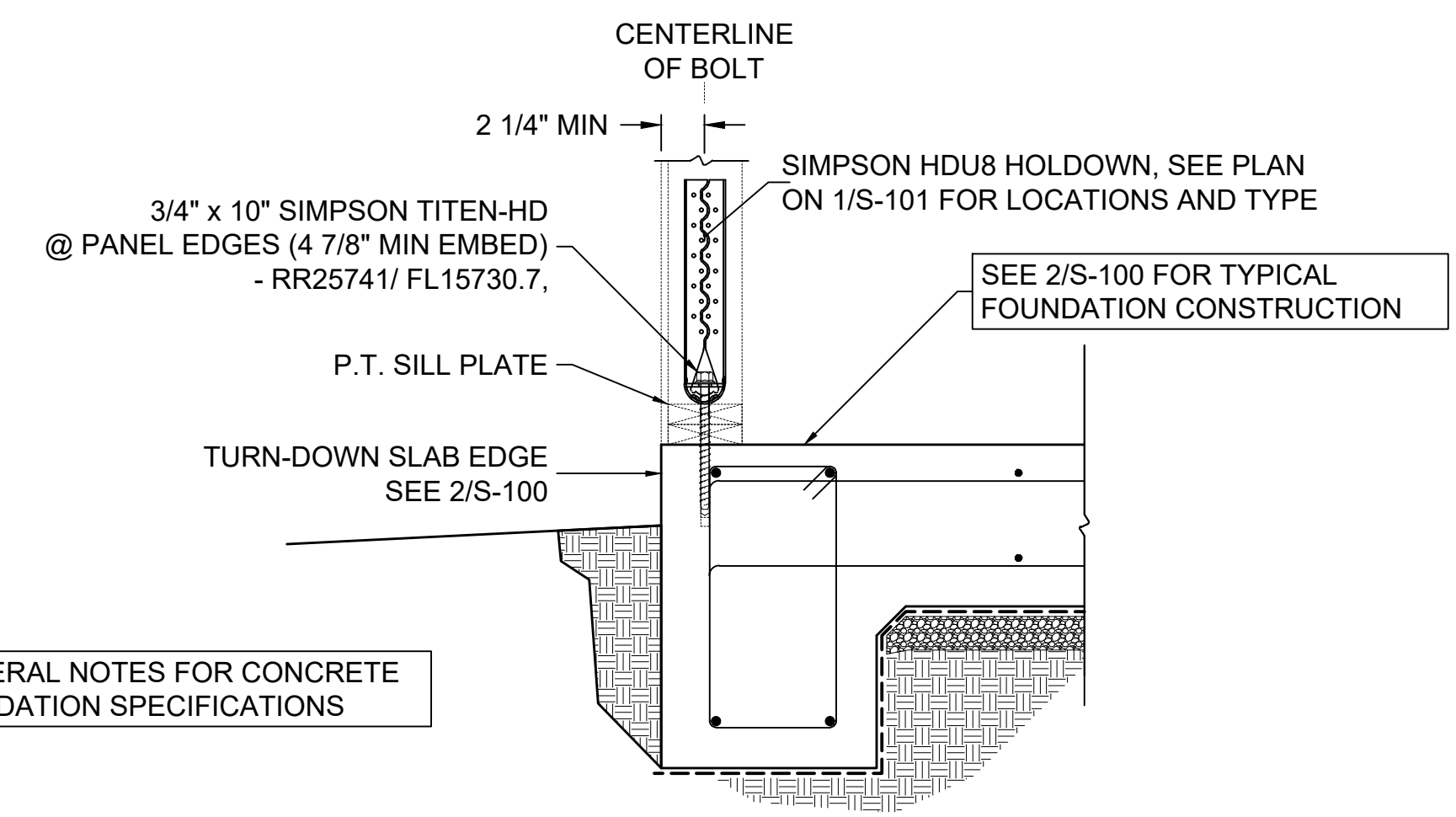


1 FOUNDATION PLAN
 SCALE: 1/2" = 1'-0"

PLAN NOTES:
 HOLD-DOWN CONNECTOR BOLTS THROUGH WOOD FRAMING REQUIRE APPROVED PLATE WASHERS; AND HOLD-DOWNS SHALL BE FINGER TIGHT AND 1/2 WRENCH TURN JUST PRIOR TO COVERING THE WALL FRAMING. CONNECTOR BOLTS INTO WOOD FRAMING REQUIRE STEEL PLATE WASHERS ON THE POST ON THE OPPOSITE SIDE OF THE ANCHORAGE DEVICE. PLATE SIZE SHALL BE A MINIMUM OF 0.229 INCH BY 3 INCHES BY 3 INCHES. (2305.5)
 ALL BOLT HOLES SHALL BE DRILLED 1/32" TO 1/16" OVERSIZED. (APPLIES ONLY TO HOLES DRILLED THROUGH WOOD MEMBERS.) (12.1.3.2, 2018 NDS)



2 TYP TURNDOWN SECTION
 SCALE: 1" = 1'-0"



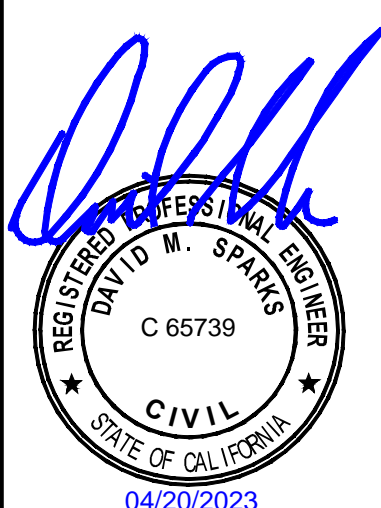
3 SECTION AT HOLDDOWN
 SCALE: 1" = 1'-0"

16' X 38' ACCESSORY DWELLING UNIT
 TYPE OF CONSTRUCTION
 CLINTON HASLERIG
 NAME
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 ADDRESS
 APN: 192-092-29

PREPARER OF PLANS:

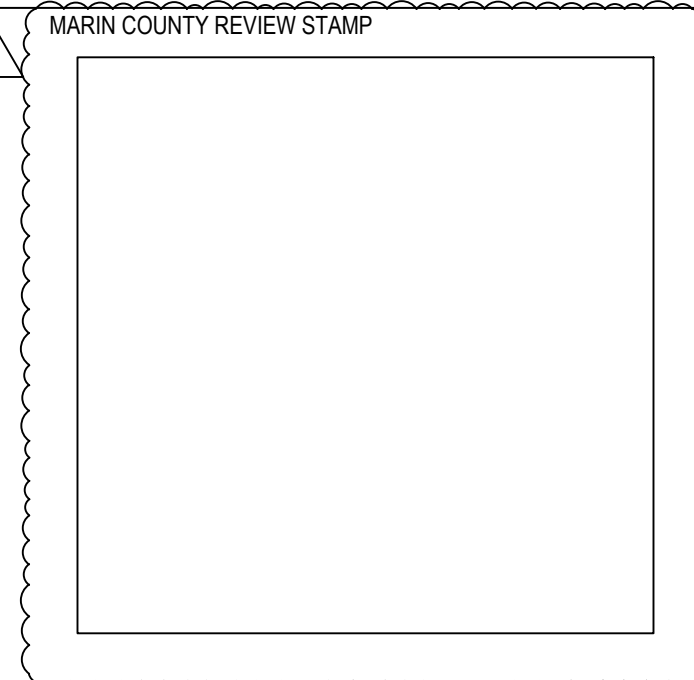
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04/19/23



24x36
 SHEET SIZE

S-100
 FOUNDATION PLAN



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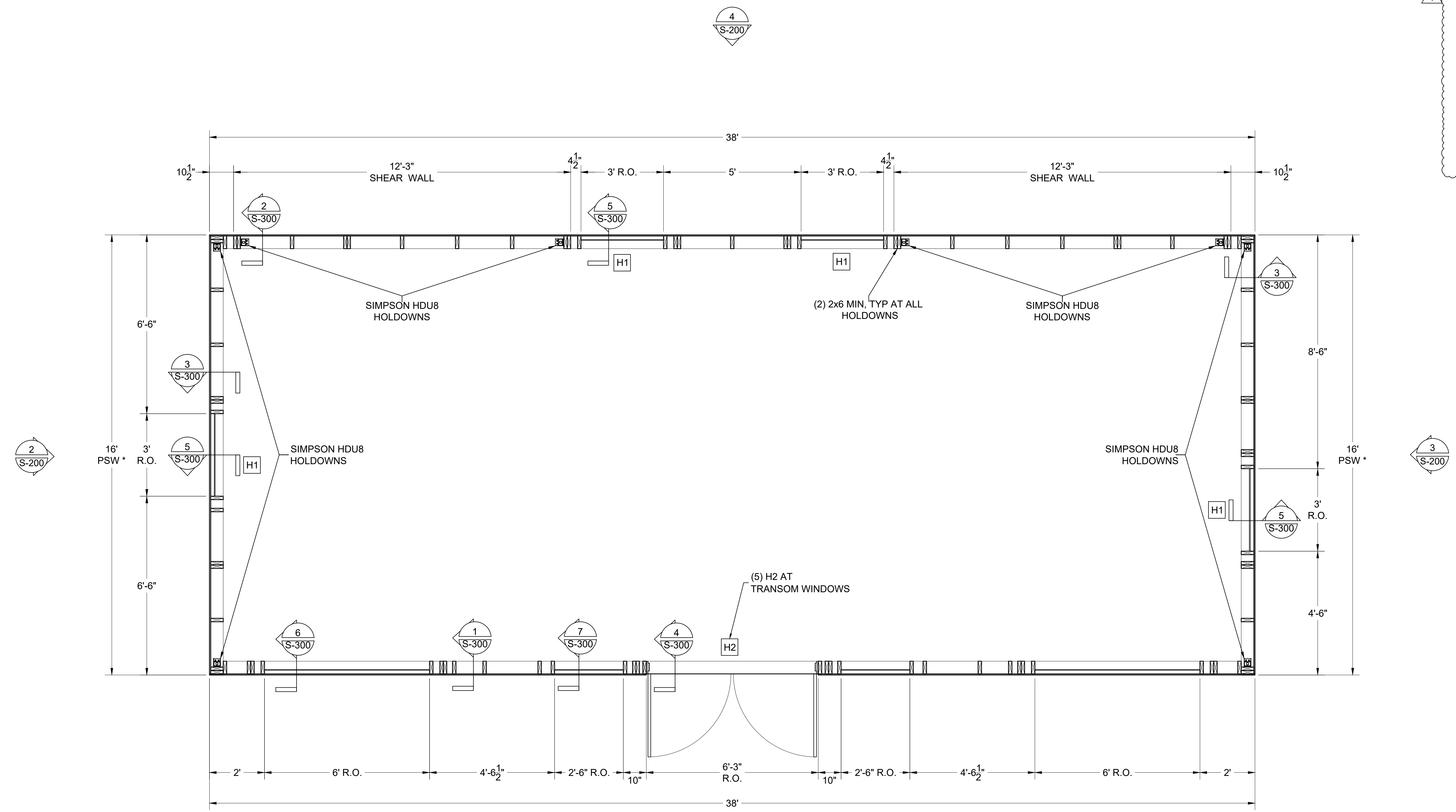
PREPARER OF PLANS:
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04/19/23



24x36 SHEET SIZE

S-101
 FIRST FLOOR FRAMING PLAN



1 FIRST FLOOR FRAMING PLAN
 SCALE: 1/2" = 1'-0"

PLAN NOTES:
 PROVIDE LEAD HOLE 40% - 70% OF THREADED SHANK DIAMETER AND FULL DIAMETER FOR SMOOTH SHANK PORTION.
 * - PERFORATED SHEAR WALL PER SDPWS SECTION 4.3.2.3.

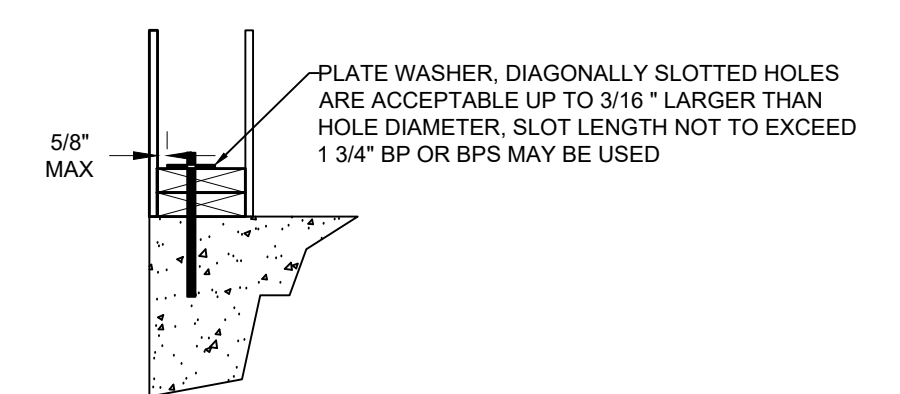
OPEN FRONT STRUCTURE:
 THE PROPOSED STRUCTURE IS AN OPEN FRONT STRUCTURE. THE FRONT WALL HAS NO SHEAR LOAD PER THAT DEFINITION AND AS ALLOWED BY SDPWS SECTION 4.2.3.2.1. SEE SHEET L2 OF THE STRUCTURAL CALCULATIONS FOR THE NECESSARY ASPECT RATIO CRITERIA AND A COMPLETE ROTATIONAL ANALYSIS ON SHEET L4.

H# HEADER - SEE STRUCTURAL CALCULATIONS FOR ADDITIONAL INFORMATION

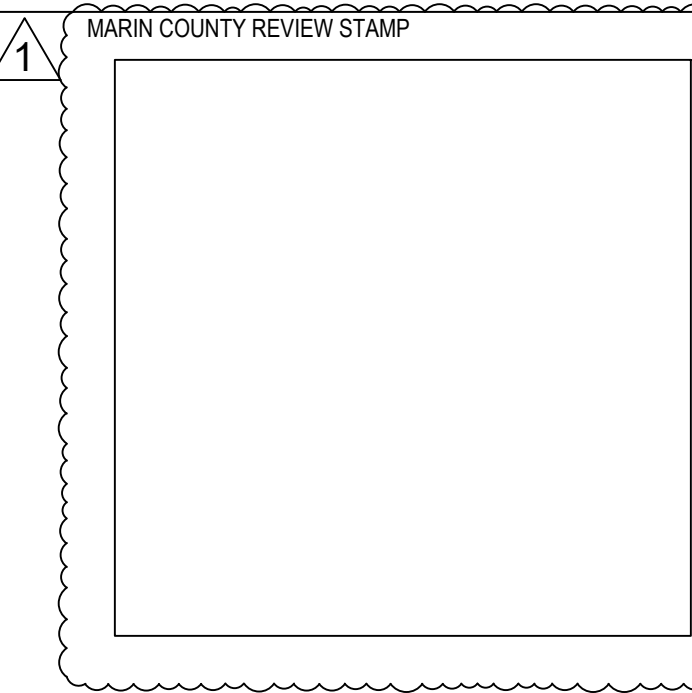
WALL SCHEDULE									
MARK	STUDS	SHEATHING	NAILS	PANEL EDGE NAIL SPACING	FIELD NAIL SPACING	ANCHORS	WASHERS	SEISMIC CAPACITY	WIND CAPACITY
SHEAR WALLS	2x6 SPF#2 @ 24" O.C. MAX	7/16" APA (24/16) EXTERIOR	8d COMMON NAILS (0.131"x2 1/2")	6"	12"	3/4"x10" @ 32" O.C. WITH CONCRETE	SEE 2/S-100	220 PLF	308 PLF
OTHER WALLS	2x8 SPF#2 @ 24" O.C. MAX	7/16" APA (24/16) EXTERIOR	8d COMMON NAILS (0.131"x2 1/2")	6"	12"	1/2"x8" @ 48" O.C. WITH CONCRETE	SEE 2/S-100	-	-

GENERAL NOTES:
 1. 3" SCREWS @ 12" O.C. INTO STUDS BETWEEN WALL PANEL JOINTS
 2. 3" SCREWS INTO STUDS BETWEEN SHEAR WALL PANEL JOINTS. MATCH SHEAR WALL PANEL EDGE NAIL SPACING.
 3. OSB (P.W.) (ZIP) SHEATHING MUST CONTINUE TO THE DOUBLE TOP PLATE
 4. ONE TRIM STUD AND ONE KING STUD TYPICAL AT ALL HEADERS. UNO
 5. SEE SHEET 1/S-101 FOR HOLD-DOWN TYPE AND LOCATION
 6. NUMBER OF STUDS AT EACH END OF SHEAR WALLS IS CALLED OUT ON PLAN. UNO
 7. NO PENETRATIONS GREATER THAN 12"x12" IN SHEAR WALLS. BLOCK AND NAIL ALL EDGES. CUT SHEATHING INTO "L" AND "T" SHAPES AROUND OPENINGS IN NON-SHEAR WALLS.
 8. ALL EDGES IN SHEARS WALLS TO BE BLOCKED WITH 2x MEMBERS
 9. ALL WALLS HAVE (2) 2x TOP PLATES AND (2) 2x BOTTOM PLATE EQUAL TO WIDTH OF STUD SIZE. TYP UNO
 10. SEE DETAILS ON S-300 FOR ATTACHMENT OF DIAPHRAGMS TO SHEAR WALL PLATES. TYPICAL
 11. NAIL WALL SHEATHING WITH MINIMUM 8d COMMON, 10d GUN, OR 10d BOX AS INDICATED IN THE WALL SCHEDULE
 12. MINIMUM (3) 8d NAILS PER STUD
 13. SHEATH THE ALL EXTERIOR WALLS. SHEATH THE INTERIOR WALLS AS DESIGNATED ON THE DRAWINGS

0.229"x3"x3" SQ PLATE WASHER DETAIL WHERE CONCRETE ANCHORAGE IS REQUIRED



TYPICAL FOR ALL SHEAR WALL NAILING:
 PER CBC / AWC SDPWS, SHEATHING NAILS SHALL BE DRIVEN FLUSH BUT SHALL NOT FRACTURE THE SURFACE OF THE SHEATHING. SHEATHING PANEL NAILING NOT CONFORMING TO THIS SECTION WILL NOT BE ACCEPTABLE AND WILL HAVE TO BE REINSTALLED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE NAIL GUNS USED FOR FASTENING ARE SET AT THE PROPER DEPTH AND/OR AIR PRESSURE TO ACHIEVE THE REQUIRED PENETRATION



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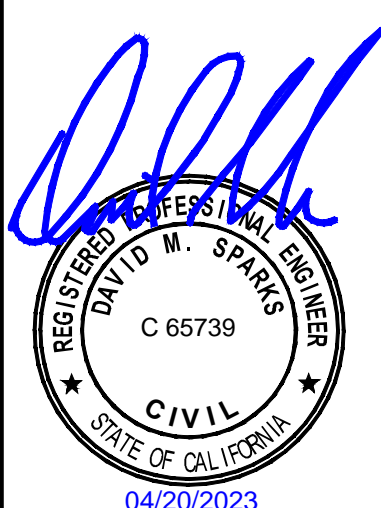
ISSUE DATE
 04.12.2023

REVISIONS

16' X 38' ACCESSORY DWELLING UNIT
 TYPE OF CONSTRUCTION
 CLINTON HASLERIG
 NAME
 410 CEDAR RD. BOLINAS, CA 94924
 ADDRESS
 APN: 192-092-29

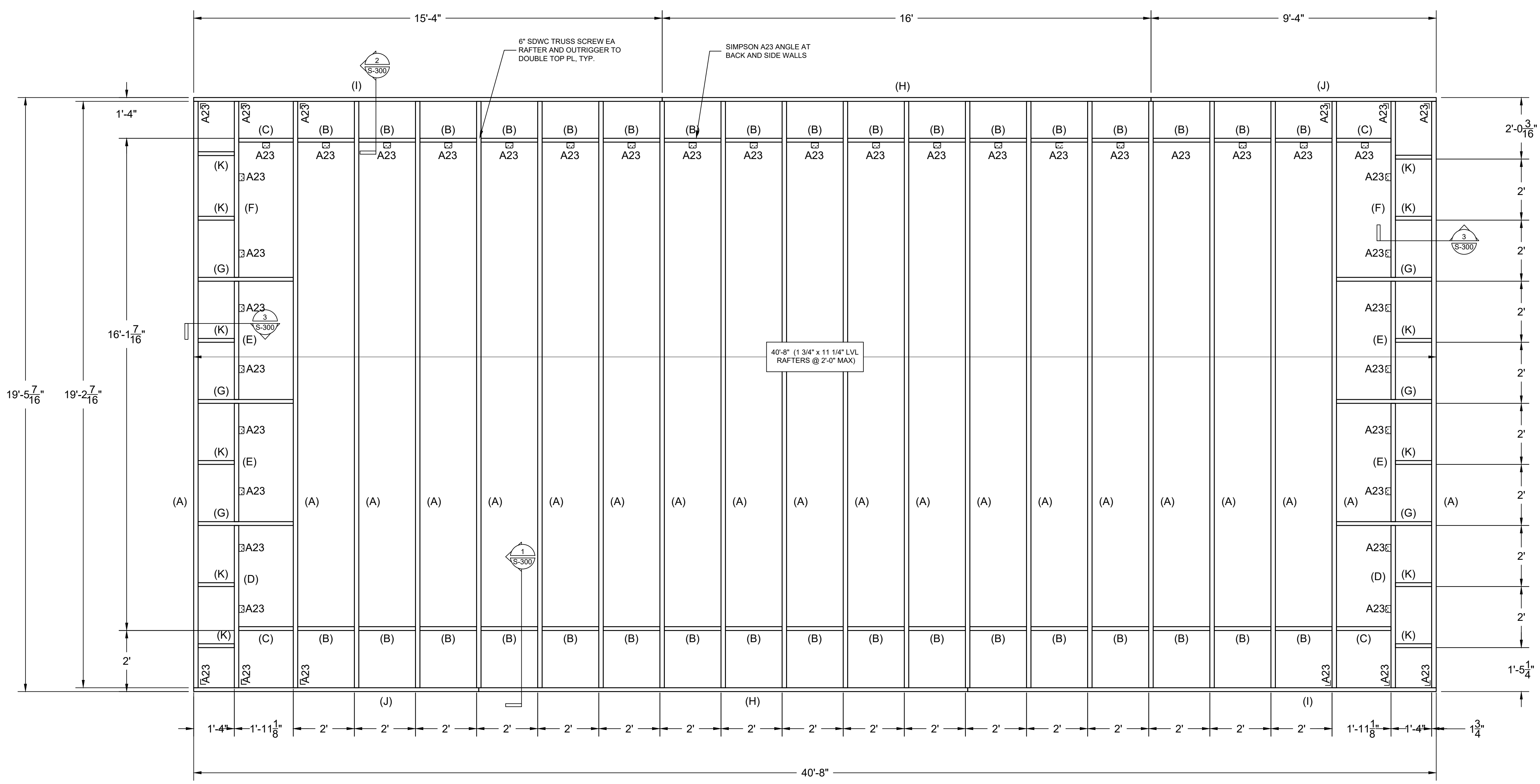
PREPARER OF PLANS:
ANDREW LANGDON
 ALANGDON@STUDIOSHED.COM
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04/19/23

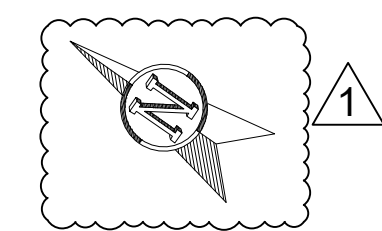


24x36
 SHEET SIZE

S-102
 ROOF FRAMING PLAN



1 ROOF FRAMING PLAN
 S-102 SCALE: 1/2" = 1'-0"

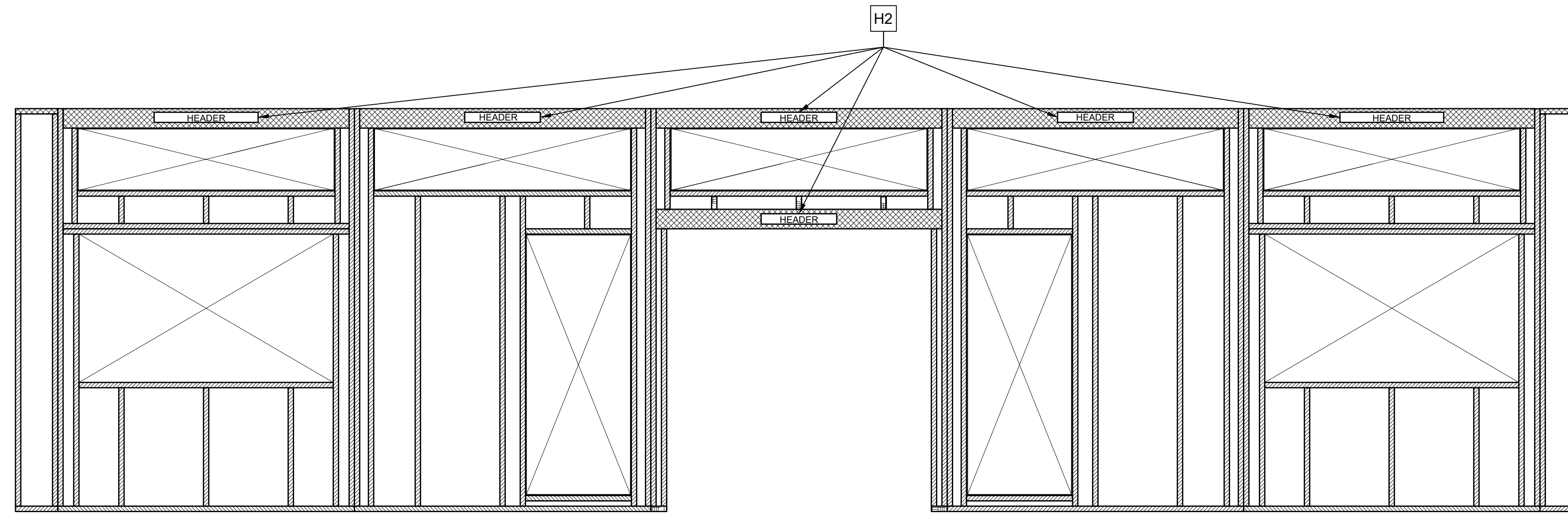


ASD			
		SEISMIC	WIND
(STRONG)	CASE 1	240 PLF	335 PLF
(WEAK)	CASE 3	180 PLF	253 PLF

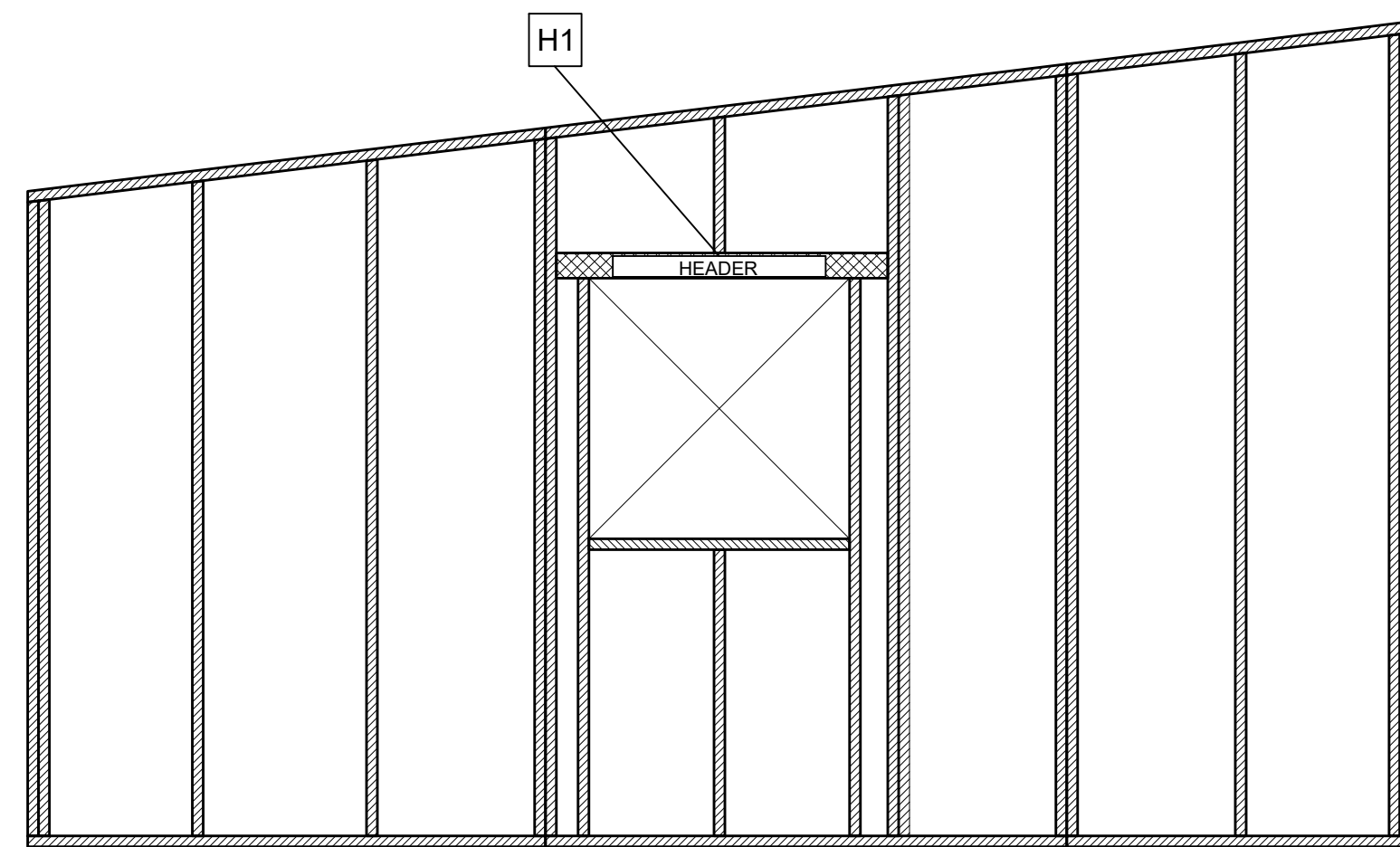
- KEY:**
- (A) - RAFTER - 1 3/4" x 11 1/4" LVL
 - (B) - BLOCKING - NO. 2 2x12 DOUGLAS FIR
 - (C) - BLOCKING - NO. 2 2x12 DOUGLAS FIR
 - (D) - RAFTER BLOCKING - NO. 2 2x12 DOUGLAS FIR
 - (E) - RAFTER BLOCKING - NO. 2 2x12 DOUGLAS FIR
 - (F) - RAFTER BLOCKING - NO. 2 2x12 DOUGLAS FIR
 - (G) - OUTRIGGER - NO. 2 2x12 DOUGLAS FIR
 - (H) - SUB-FASCIA - NO. 2 2x12 DOUGLAS FIR
 - (I) - SUB-FASCIA - NO. 2 2x12 DOUGLAS FIR
 - (J) - SUB-FASCIA - NO. 2 2x12 DOUGLAS FIR
 - (K) - SOFFIT NAILER - NO. 2 2x4 DOUGLAS FIR

ROOF DIAPHRAGM:
 TABLE 4.2C (UNBLOCKED WOOD STRUCTURAL PANEL DIAPHRAGMS)
 19/32" SHEATHING AND SINGLE-FLOOR W/ 8d COMMON (0.131x2.5) OVER 2x FRAMING MEMEBERS OF SG = 0.5 (DOUG FIR OR LVL)

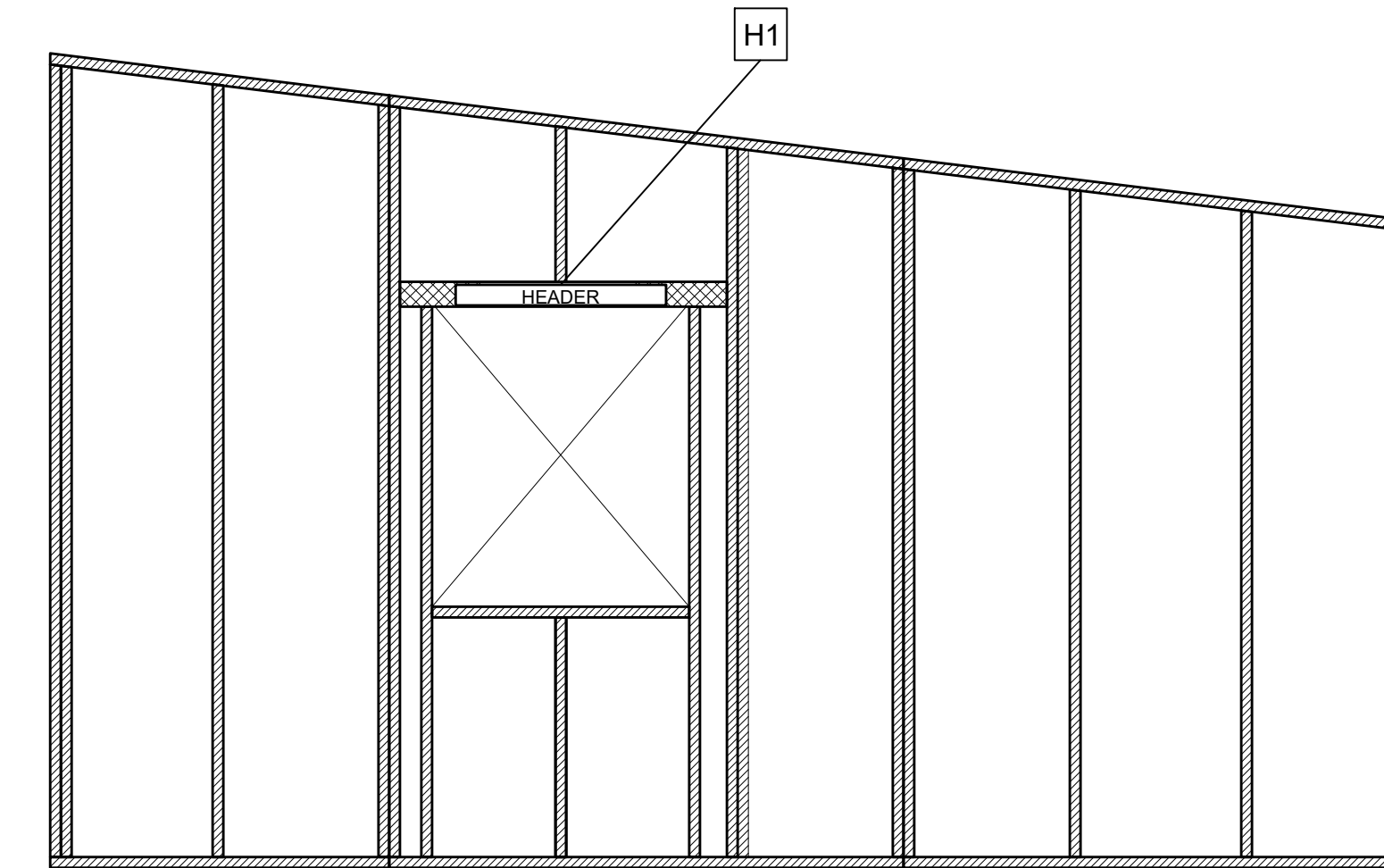
PLAN NOTES:
 ALL DIAPHRAGM AND SHEAR WALL NAILING SHALL UTILIZE COMMON NAILS OR GALVANIZED BOX NAILS. SEE GENERAL NOTES AND WALL SCHEDULE FOR ATTACHMENT. FACE GRAIN OF PLYWOOD SHALL BE PERPENDICULAR TO SUPPORTS.



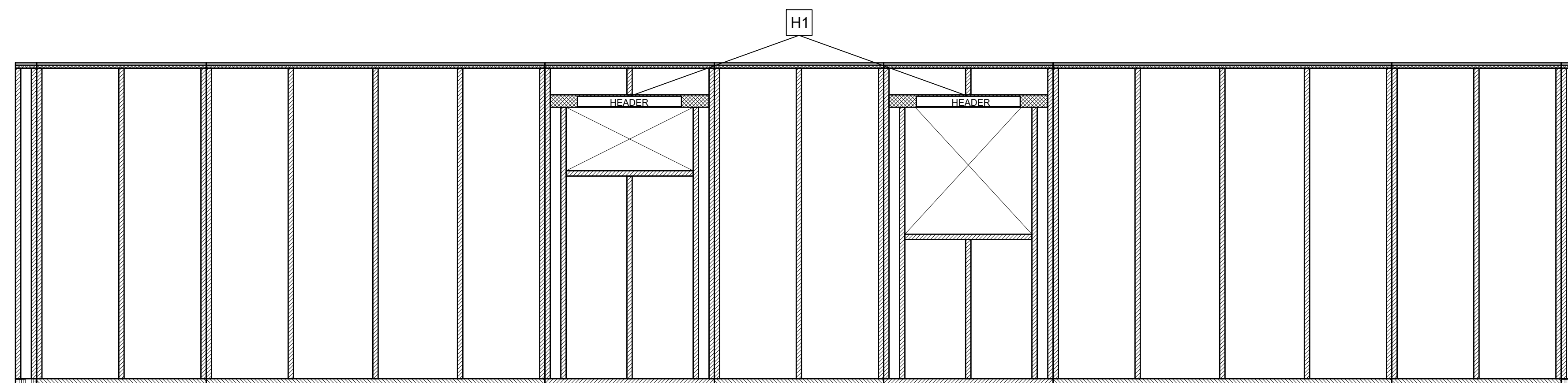
1 FRONT FRAMING ELEVATION
SCALE: 1/2" = 1'-0"



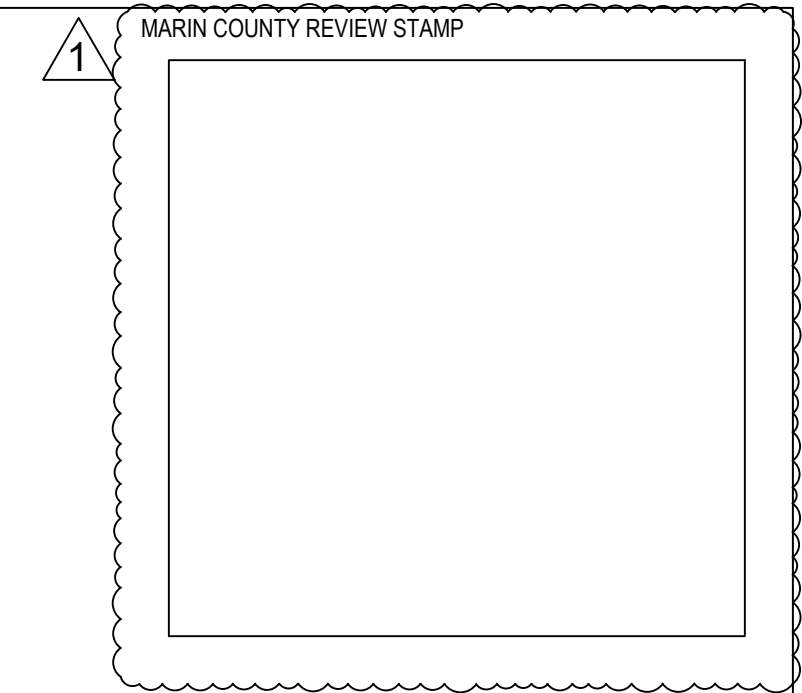
2 LEFT FRAMING ELEVATION
SCALE: 1/2" = 1'-0"



3 RIGHT FRAMING ELEVATION
SCALE: 1/2" = 1'-0"



4 BACK FRAMING ELEVATION
SCALE: 1/2" = 1'-0"



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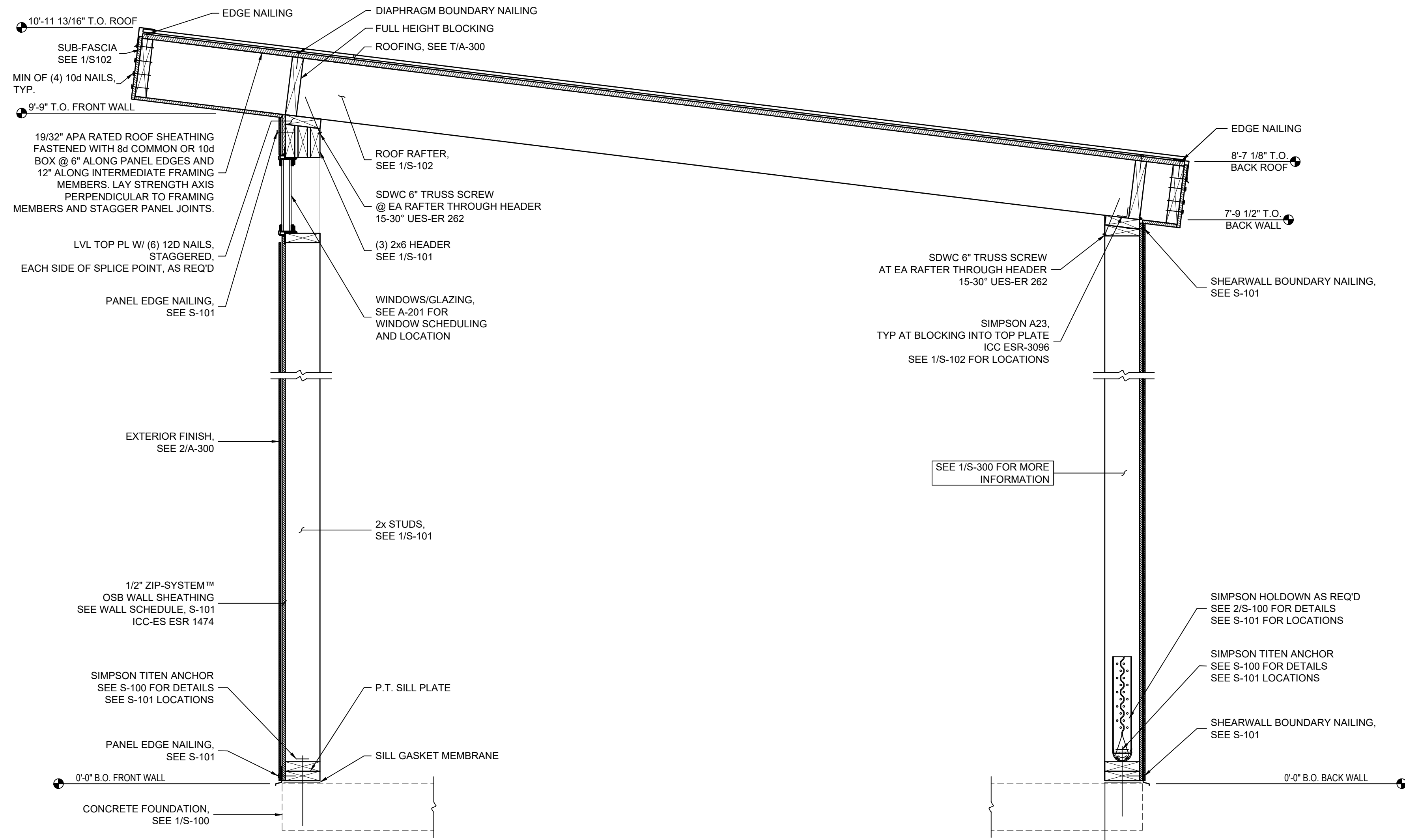
ANDREW LANGDON
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(303) 945-6973

[Signature]
04/19/23



24x36
SHEET SIZE

S-200
WALL FRAMING PLAN

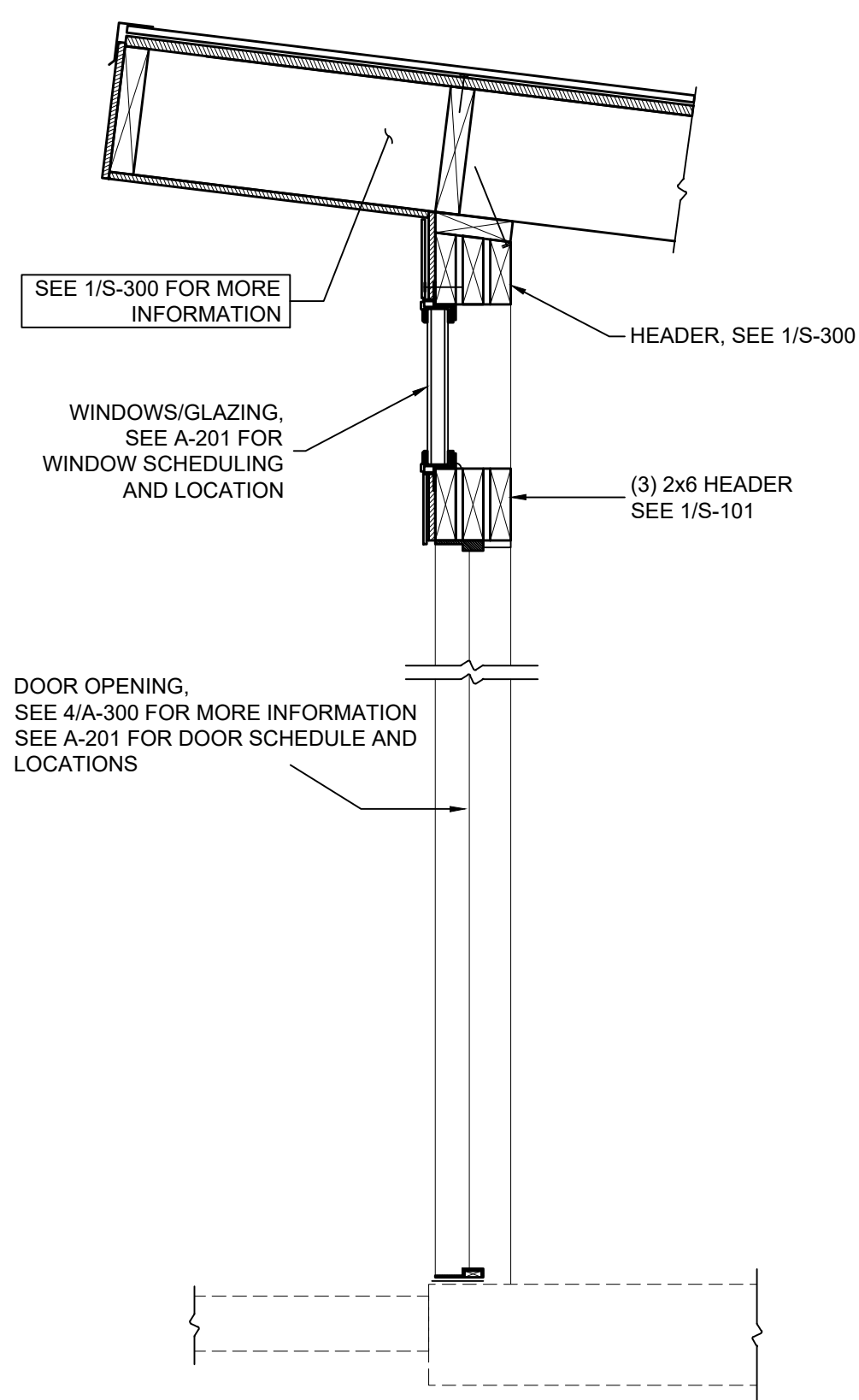


1 FRONT WALL SECTION
SCALE: 1" = 1'-0"

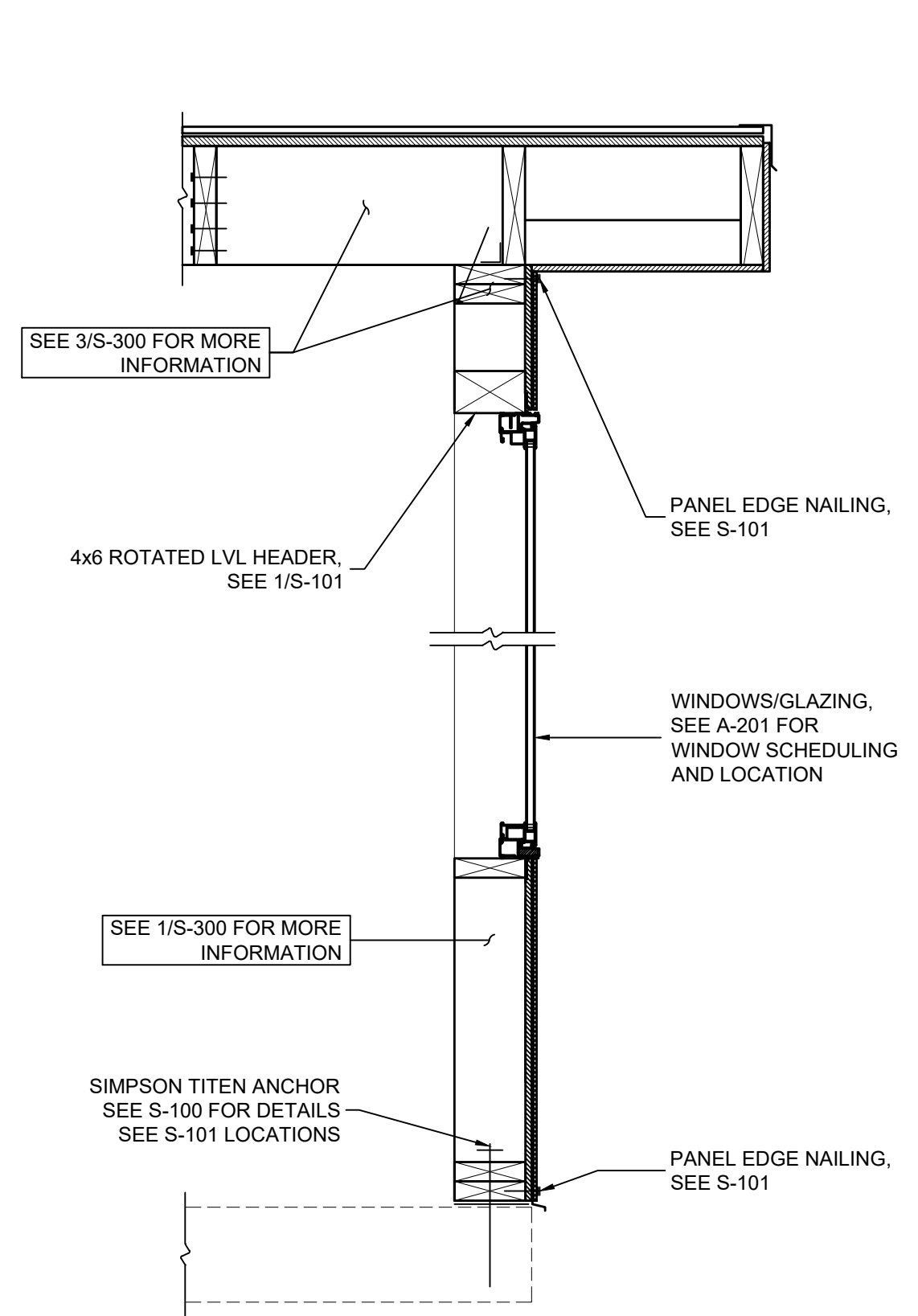
T TRANSVERSE SECTION
SCALE: 1" = 1'-0"

2 BACK WALL SECTION
SCALE: 1" = 1'-0"

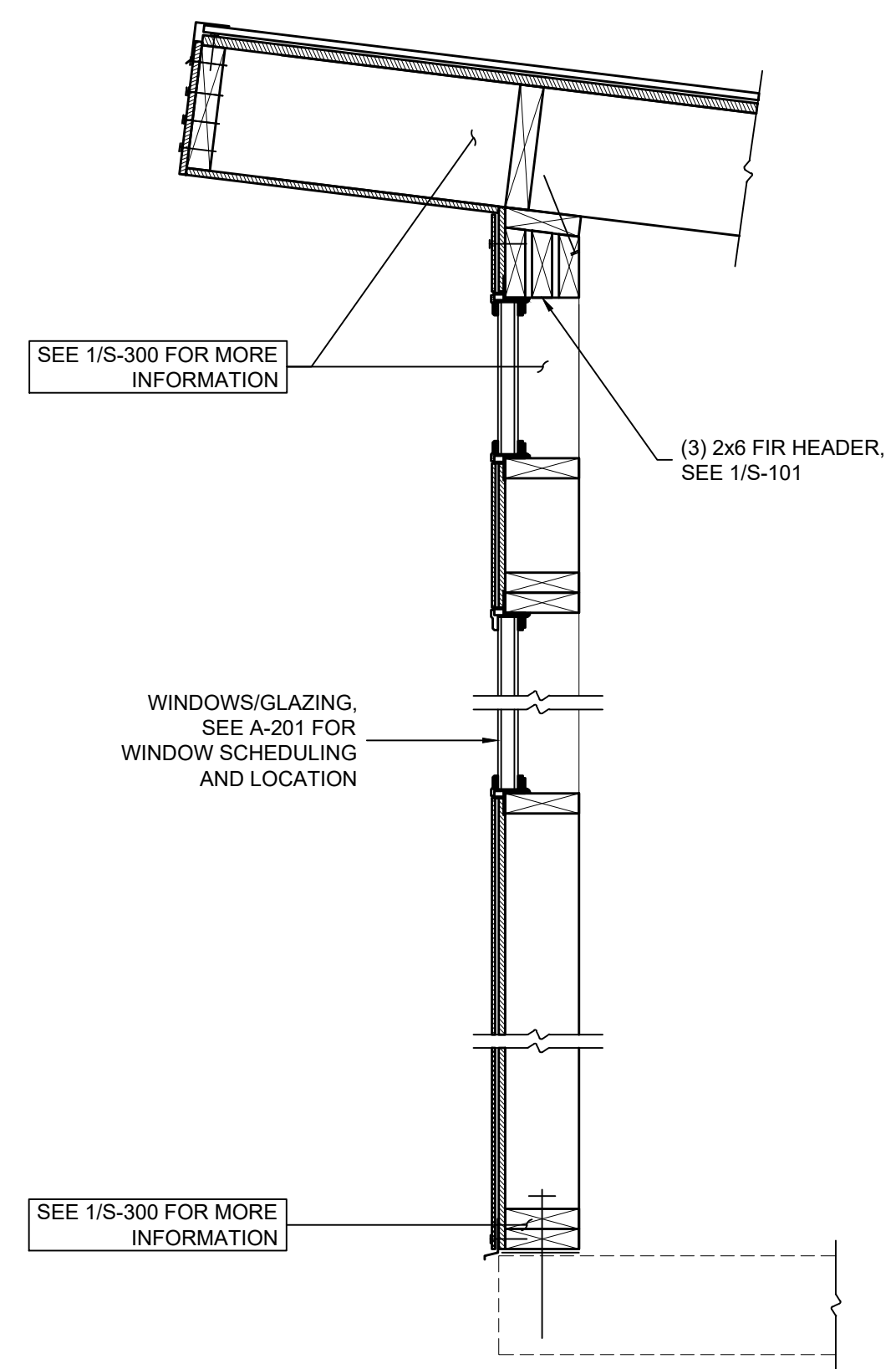
3 RAKE WALL SECTION
SCALE: 1" = 1'-0"



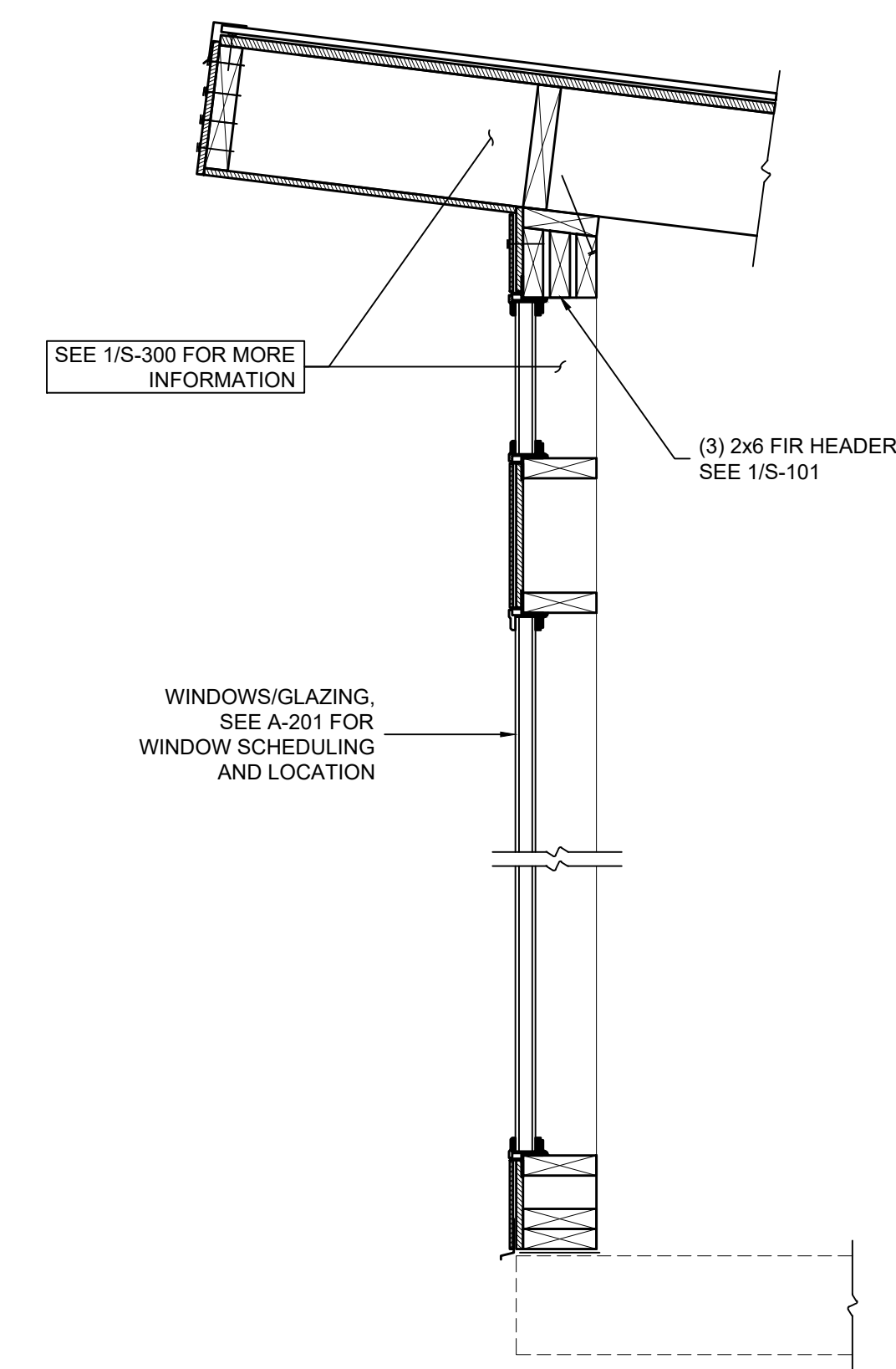
4 FRONT WALL SECTION AT DOOR
SCALE: 1" = 1'-0"



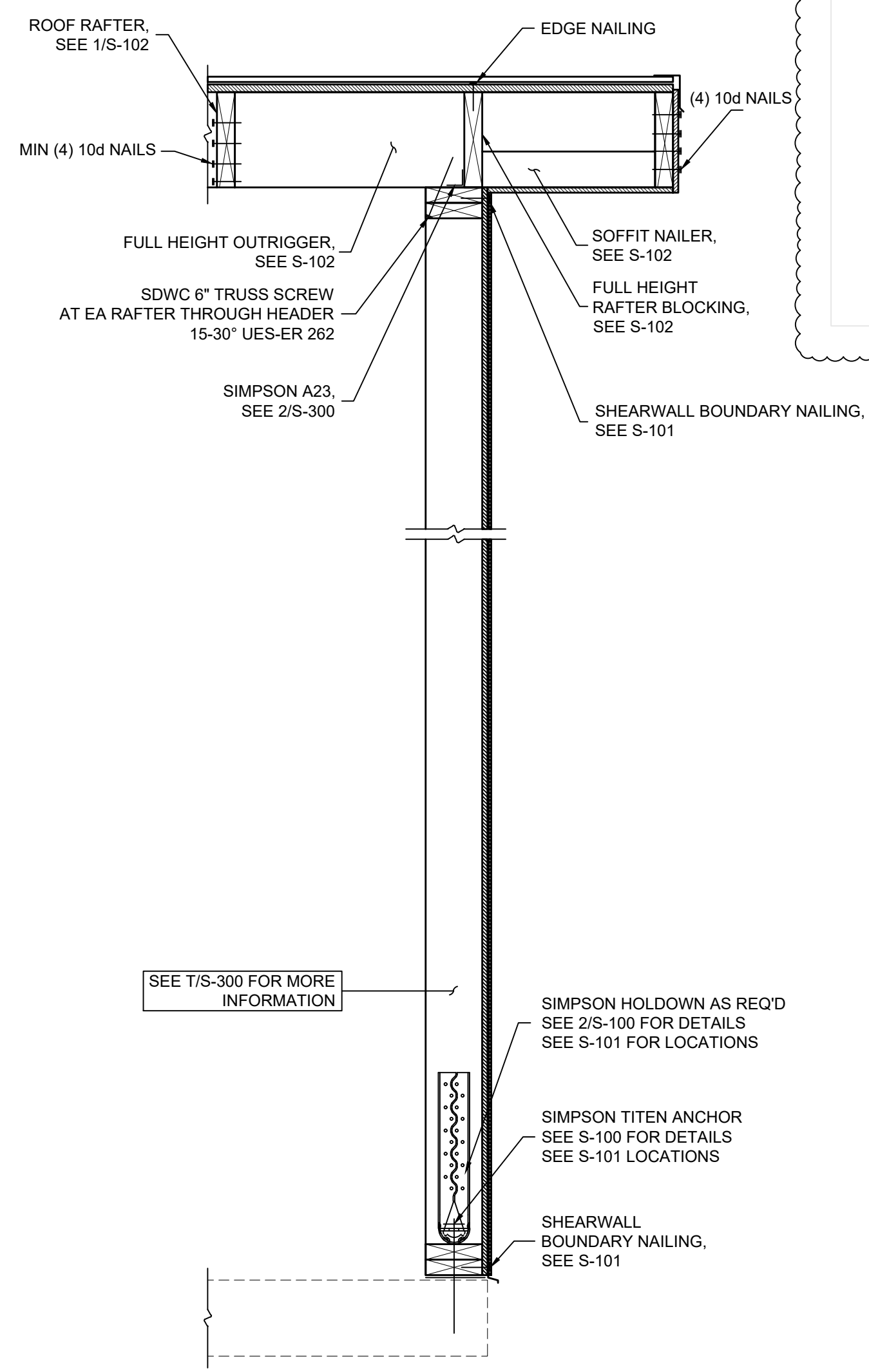
5 TYP WALL SECTION WITH WINDOW
SCALE: 1" = 1'-0"



6 FRONT WALL SECTION WITH WINDOW
SCALE: 1" = 1'-0"



7 FRONT WALL SECTION WITH FIXED WINDOW
SCALE: 1" = 1'-0"



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04/19/23

Andrew Langdon
REGISTERED PROFESSIONAL ENGINEER
DAVID M. SPARKS
C 65739
CIVIL
STATE OF CALIFORNIA

24x36
SHEET SIZE

S-300
BUILDING SECTIONS