

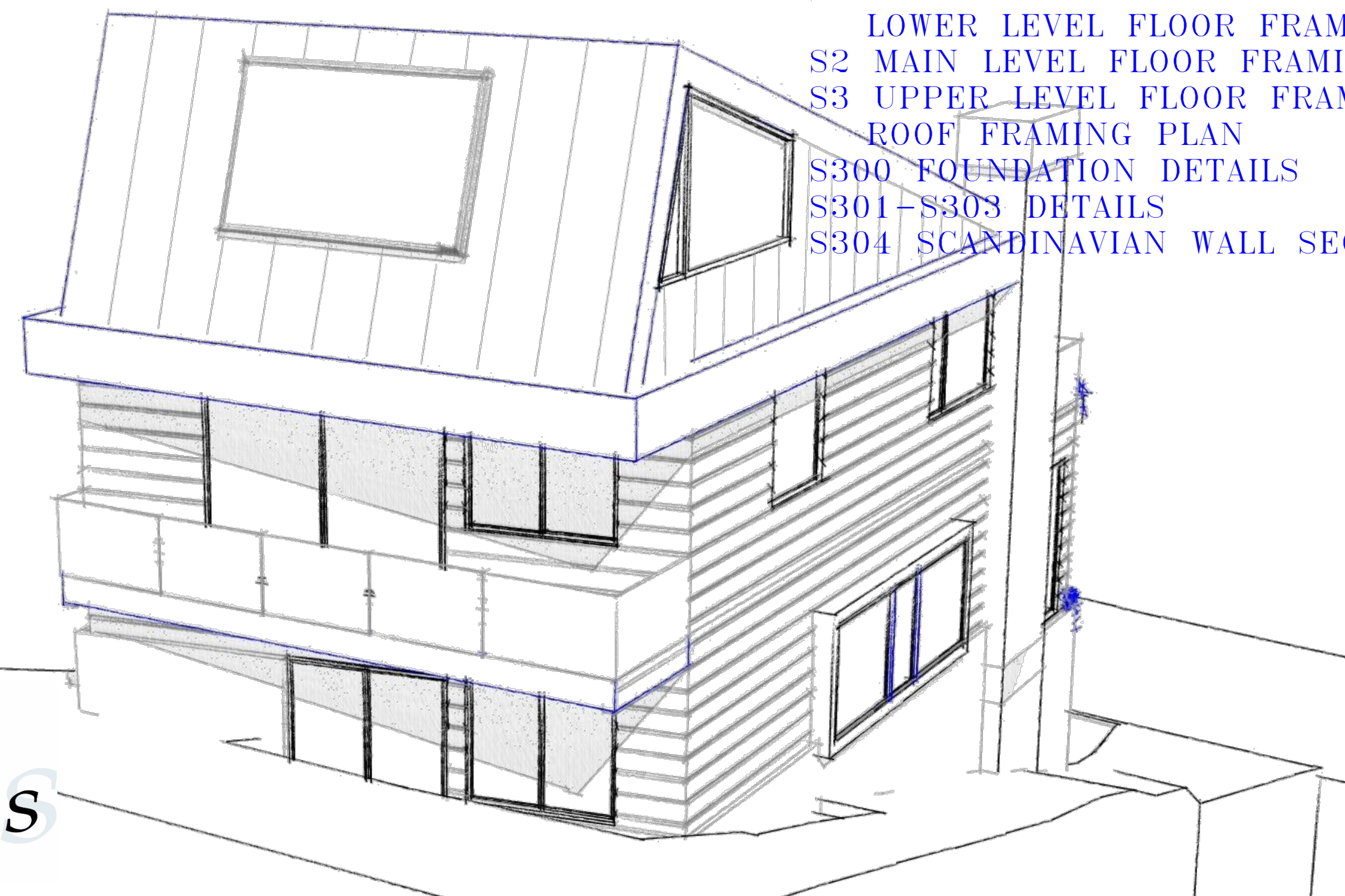


# KINGSBURY AND CHESSON Powder Mountain, Lot # 70

8492 E. Spring Park,  
Park City, Utah

Build by:  
Scandinavian LLC

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  - 1.1 SITE PLAN
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## DEFERRED SUBMITTAL ITEMS

BUILDING CODES USED FOR DESIGN:  
IRC 2015 AS AMENDED BY THE STATE OF UTAH.

-FIRE SPRINKLER  
SYSTEM

-RADIANT HEATING  
SYSTEM

-FIREPLACE PRODUCT  
INFORMATION

-AIR LEAKAGE TEST AS  
PERFORMANCE METHOD  
(BLOWER DOOR TEST)  
CODE N1102.4.1.2

Building  
*dreams* into  
*legacies*



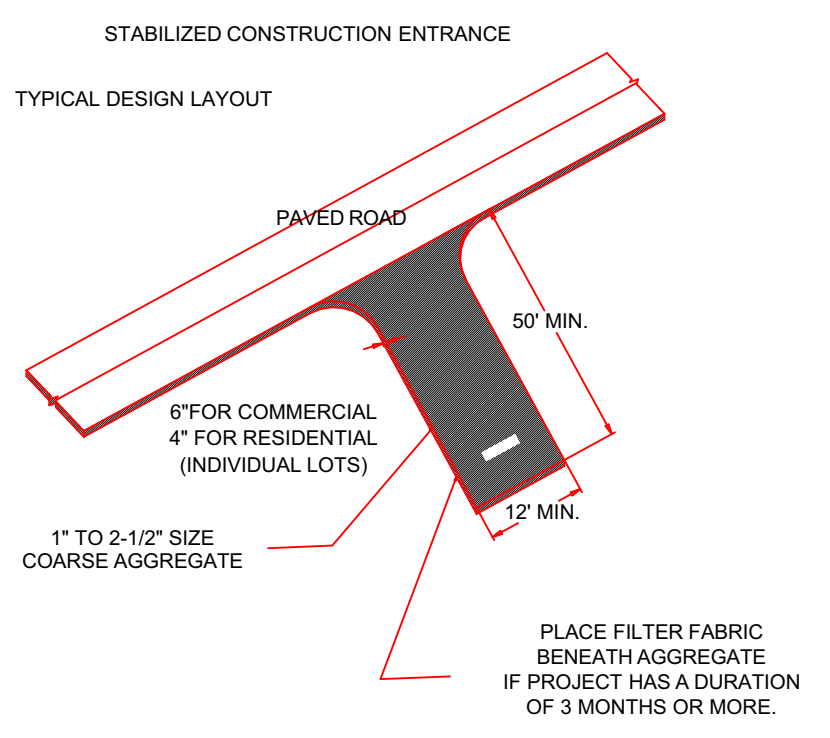
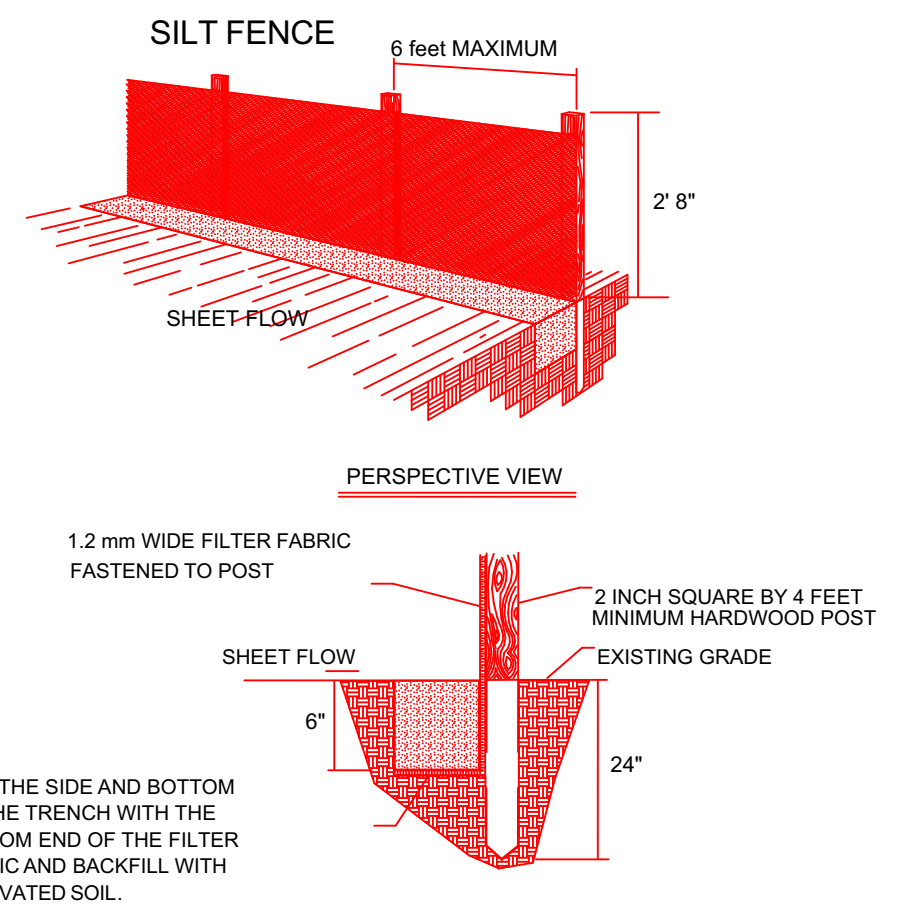
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SCANDINAVIAN  
LLC

ARCHITECTURAL OFFICE  
Company Name: Scandinavian LLC  
Address: 6410 N. Business  
Park Loop Rd. Unit E  
Phone: 435-513-0555  
Fax:  
Project No.:  
Cad File:  
Drawn:  
Checked:

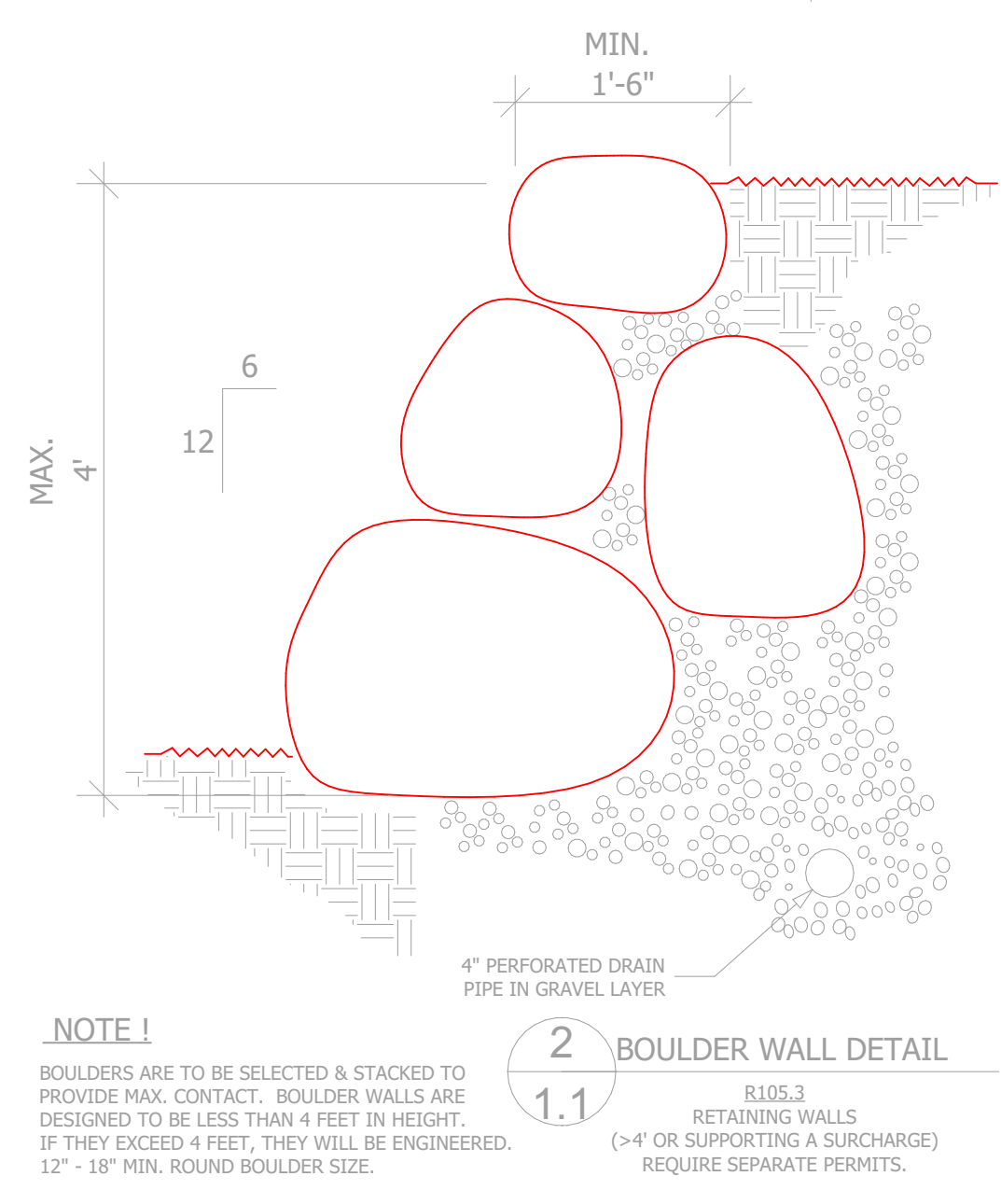
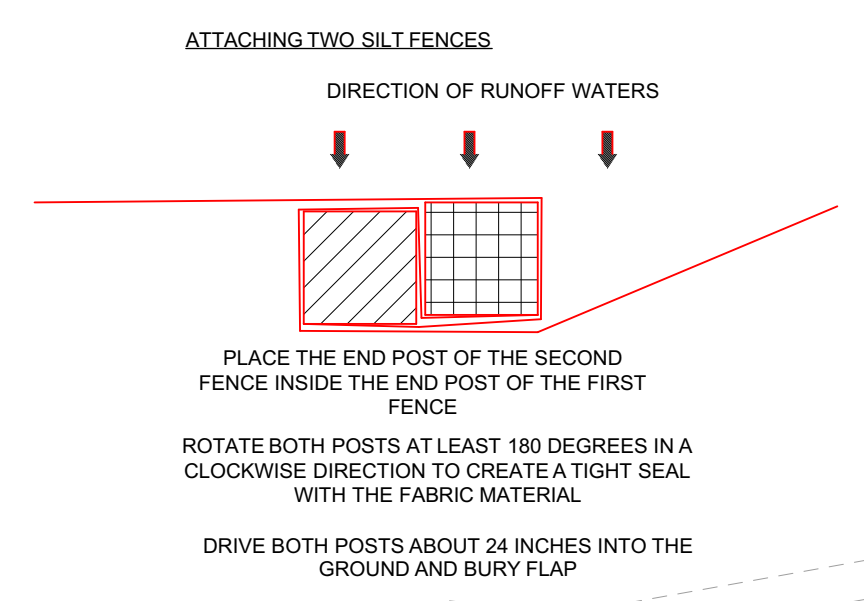
A New Residence:  
BLAKE KINGSBURY AND MERRIT CHESSON  
Summit Powder Mountain, Lot # 70  
8492 E. Spring Park, Utah

BUILDER  
Company Name:  
Address:  
Park City, Utah 84098  
Phone:  
Fax:  
Drawing Date: 06-21-2018  
Scale:  
Title No.:  
COVER SHEET  
BUILDER/DEALER'S APPROVAL:  
Signature and Date:



- INSTALLATION:**
1. Install at any point of ingress or egress at a construction site where adjacent traveled way is paved.
  2. Clear and grub area and grade to provide slope shown for driveway, or access/intersection. If adjacent to waterway, use a maximum slope of 2%.
  3. Compact subgrade and place filter fabric if required.
  4. Place coarse aggregate, 1 to 2 1/2 inches size, to a minimum depth of 6 inches for commercial projects, and 4 inches for residential projects.
- MAINTENANCE:**
1. Inspect daily for loss of gravel or sediment buildup.
  2. Inspect adjacent roadway for sediment deposit and clean by sweeping or shoveling.
  3. Repair entrance and replace gravel as required to maintain control in good working condition.
  4. Expand stabilized area as required to accommodate traffic, and off site street parking and prevent erosion at driveway.

- INSTALLATION:**
1. Where possible, layout the silt fence 5 to 10 feet beyond the toe of slope.
  2. Align the fence along the contour as close as possible.
  3. When excavating the trench, use machinery that will produce no more than the desired dimension.
  4. Place posts 6 foot on center along contour (or use preassembled unit) and drive 2 feet (min.) into ground. Excavate an anchor trench (8 inches wide and 8 inches deep) immediately up-gradient of posts.
  5. Cut fabric to required width, unroll along length of barrier and drape over barrier. Secure fabric to, stakes with staples, or similar, with trailing edge extending into anchor trench.
  6. Backfill trench over filter fabric to anchor.
- MAINTENANCE :**
1. Inspect immediately after any rainfall and at least daily during prolonged rainfall.
  2. Look for runoff bypassing ends of barriers or undercutting fence (repair immediately).
  3. Repair or replace damaged areas of the fence and remove accumulated sediment.
  4. Re-anchor fence as necessary to prevent shortcutting.
  5. Remove accumulated sediment when it reaches 1/2 the height of the fence.



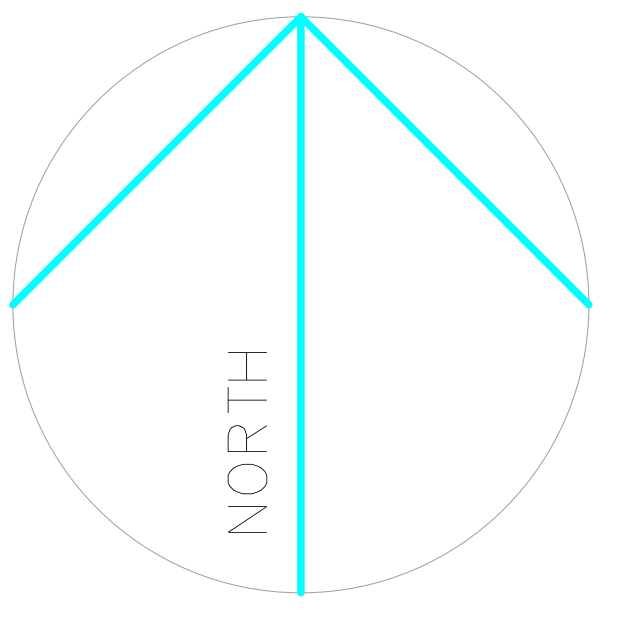
INSPECTION	DESCRIPTION/REQUIREMENTS	CONTACT
DRIVEWAY/SITE STACKING	REQUIRED PRIOR TO ISSUANCE OF A BUILDING PERMIT. LOCATE/STAKE THE DRIVEWAY AT THE STREET AND AT THE ROAD RIGHT OF WAY/PROPERTY LINE AND LOCATE/STAKE ALL PROPERTY CORNERS WITH A 4 FOOT STEEL FENCE POST.	ENGINEERING
ROUGH GRADING	REQUIRED PRIOR TO SCHEDULING A FOOTING INSPECTION. SITE EROSION CONTROL MEASURES MUST BE INSTALLED AND DRIVEWAY MUST BE ROUGHLY GRADED ACCORDING TO PLAN.	ENGINEERING
FOOTING	SCHEDULE AFTER STEEL IS PLACE AND BEFORE THE CONCRETE IS POURED.	BUILDING
FOUNDATION	SCHEDULE AFTER STEEL IS IN PLACE IN THE FORMS AND BEFORE CONCRETE IN PLACED.	BUILDING
UNDER SLAB PLUMBING & HEATING	BEFORE CONCRETE IS POURED OR PLUMBING HAS BEEN BACKFILLED.	BUILDING
CERTIFICATE OF ELEVATION AND/OR SURVEY	PERFORMED BY A LICENCED SURVEYOR. REQUIRED PRIOR TO SCHEDULING A FLOOR FRAMING INSPECTION. SEE REQUIREMENTS BELOW.	BUILDING
FLOOR FRAMING INSPECTION	REQUIRED PRIOR TO PLACING FLOOR SHEETING AND INCLUDES FOOTING DRAIN INSPECTION.	BUILDING
SHEAR WALL	AFTER THE BUILING IS UP TO 'THE SQUARE' AND ALL SHEAR WALLS HAVE BEEN NAILED AND ALL THE TIE DOWNS AND SHEAR WALL CONNECTIONS HAVE BEEN INSTALLED.	BUILDING
FIRE SPRINKLERS	REQUIRED PRIOR TO FOUR-WAY INSPECTION, WHEN REQUIRED BY THE LOCAL FIRE DISTRICT.	BUILDING
FOUR-WAY	THIS INSPECTION IS PERFORMED AFTER ALL ROUGH ELECTRICAL, BLUMBING, AND MECHANICAL HAS BEEN INSTALLED. ALL FRAMING IS COMPLETE, SHEAR WALLS PREVIOUSLY INSPECTED, AND TRUSS SPECIFICATIONS ARE ON THE JOB FOR THE INSPECTOR TO READ. BLUMBING SHALL HAVE EITHER AN AIR OR WATER PRESSURE TEST ON THEM WHEN THE INSPECTOR ARRIVES.	BUILDING
WEATHER BARRIER/STUCCO LATH	WEATHER BARRIER SHALL BE INSPECTED PRIOR TO APPLYING VENEER. APPROVED STUCCO I.C.C. RESEARCH REPORTS ON SITE.	BUILDING

INSPECTION	DESCRIPTION/REQUIREMENTS	CONTACT
GAS METER SET	REQUIRED BEFORE GAS METER CLEARANCE IS GIVEN TO QUESTAR.	BUILDING
MASONRY WALL/BOND BEAM INSULATION	STEEL IN MASONRY AND BEFORE CONCRETE/GROUT IS POURED. PRE SHEETROCK INSULATION CERTIFICATE REQUIRED.	BUILDING
DRYWALL NAILING	THIS IS DONE BEFORE DRYWALL IS TAPED.	BUILDING
POWER TO PANEL	AFTER DRYWALL INSPECTION HAS PASSED AND PERMANENT ROOF INSTALLED.	BUILDING
DRIVEWAY PRE-SURFACING	SITE EROSION CONTROL MEASURES MUST BE INSTALLED AND DRIVEWAY GRADED TO IT'S FINAL CONFIGURATION.	ENGINEERING
FINAL DRIVEWAY AND SITE INSPECTION	REQUIRED PRIOR TO CERTIFICATE OF OCCUPANCY AND/OR BOND RELEASE. DRIVEWAY MUST BE SURFACED AND SITE MUST BE REVEGETATED (INSPECTIONS MAY BE SCHEDULED SEPARATELY).	ENGINEERING
FLOOD PLAIN ELEVATION CERTIFICATE	FEMA ELEVATION CERTIFICATE (IF APPLICABLE) REQUIRED PRIOR TO CERTIFICATE OF OCCUPANCY. FORM MUST BE FILED WITH FEMA AND A COPY PROVIDED TO THE ENGINEERING DEPARTMENT.	ENGINEERING
FINAL	ALL WORK IS DONE AND BUILDING COMPLETE. FINAL CLEARANCES FROM THE WASTE WATER DISTRICT FOR SEWER, COUNTY HEALTH DEPARTMENT FOR SEPTIC, AND FIRE DISTRICT FOR SPRINKLER SYSTEMS MUST BE ON THE PROJECT FOR THIS INSPECTION. REQUIRED FOR CERTIFICATE OF OCCUPANCY.	BUILDING
CERTIFICATE OF OCCUPANCY	REQUIRED PRIOR TO ANYONE OCCUPYING THE STRUCTURE. A CERTIFICATE OF OCCUPANCY WILL BE ISSUED ONCE THE FINAL CLEARANCES HAVE BEEN OBTAINED BY THE BUILDER AND BROUGHT TO THE BUILDING DEPARTMENT'S OFFICE IN COALVILLE. 1) SNYDERVILLE BASIN RESIDENTIAL: FINAL FROM BUILDING DEPARTMENT, FINAL FROM ENGINEERING DEPARTMENT, FINAL LETTER FROM SNYDERVILLE BASIN WATER RECLAMATION DISTRICT, FINAL WATER CONCURRENCY LETTER FROM APPROPRIATE WATER COMPANY, FINAL FROM PARK CITY FIRE DISTRICT (IN REQUIRED SUBDIVISIONS). 2) EASTERN SUMMIT COUNTY: FINAL FROM BUILDINGDEPARTMENT, FINAL FROM ENGINEERING DEPARTMENT, FINAL FROM FIRE DISTRICT AND FINAL FROM HEALTH DEPARTMENT.	BUILDING

R105.31  
>4" RETAINING WALLS, SWIMMING POOLS, SOLAR AND GEO-THERMAL HEATING SYSTEMS, AND PHOTO-VOLTAIC AND WIND GENERATED ELECTRICAL SYSTEMS REQUIRE SEPARATE PERMITS. SEPARATE PLANS, SPECIFICATIONS, AND APPLICATIONS ARE TO BE SUBMITTED AND REVIEWED PRIOR TO ISSUANCE OF THESE PERMITS.

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- LEGEND**
- ⊙ FOUND REBAR W/ CAP (AS DESCRIBED)
  - ⊙ SANITARY SEWER MANHOLE
  - ⊙ WATER METER
  - ⊙ UTILITY POLE
  - ⊙ COMMUNICATIONS BOX
  - ☐ MAILBOX
  - ⊙ OVERHEAD ELECTRICAL POWER LINE
  - STACKED ROCK RETAINING/LANDSCAPING WALL

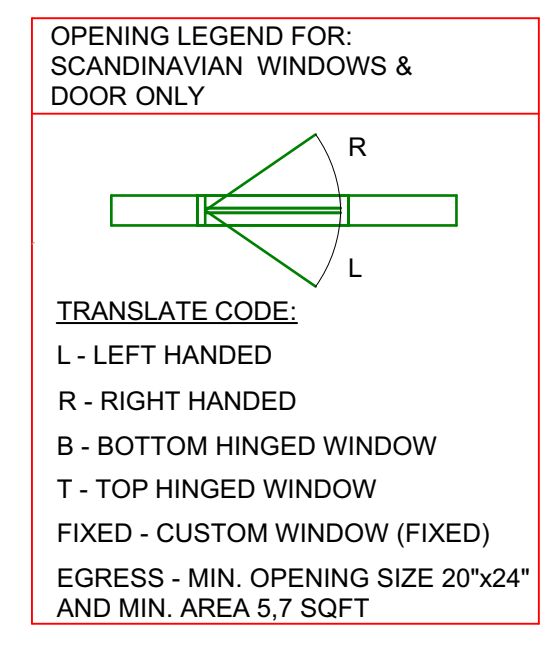


**ARCHITECTURAL OFFICE**  
 Company Name: Scandinavian LLC  
 Address: 8410 N. Business Park Loop Rd. Unit E  
 Phone: 435-513-0355  
 Fax:   
 Project No:   
 Cad File:   
 Drawn:   
 Checked:

**A New Residence:  
 BLAKE KINGSBURY AND MERRIT CHESSON**  
 Summit Powder Mountain, Lot # 70  
 8492 E. Spring Park, Utah

**BUILDER**  
 Company Name:   
 Address:   
 Park City, Utah 84098  
 Phone:   
 Fax:   
 Drawing Date: 06-21-2018  
 Scale: 1" = 10'-0"  
 Title: **SITE PLAN**  
 BUILDER/DEALER'S APPROVAL:   
 Signature and Date:



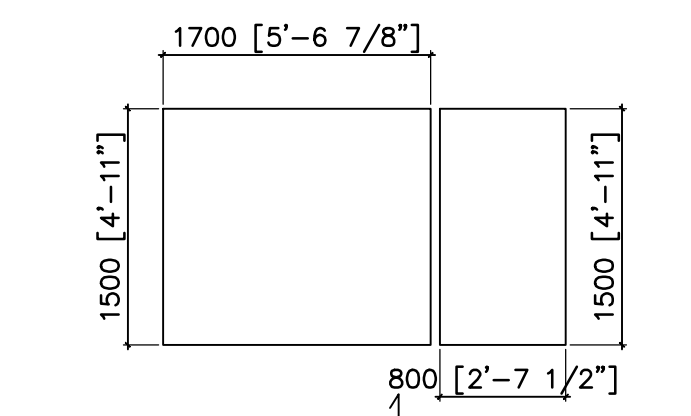


SCANDINAVIAN WINDOW SCHEDULE											
ID	TYPE	Size (cm)	Size (inches)	Opening type	Wall type	Wall thickness	Flashing	Screen	Notes	Quantity	
W1	MSE131A	180 x 150	70,9 x 59,1	L+R	164			90x150	tempered	2	
W2	MSE131A	60 x 150	23,6 x 59,1	(1)L, (2)R	164			60x150		3	
W3	MSE131A	110 x 120	43,3 x 47,2	L	195			110x120	tempered	1	
<b>TOTAL</b>										<b>6</b>	

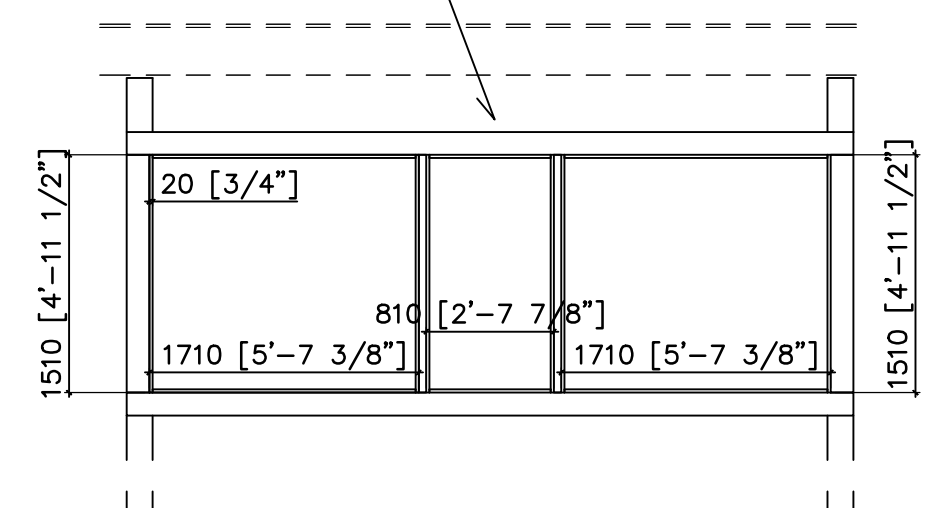
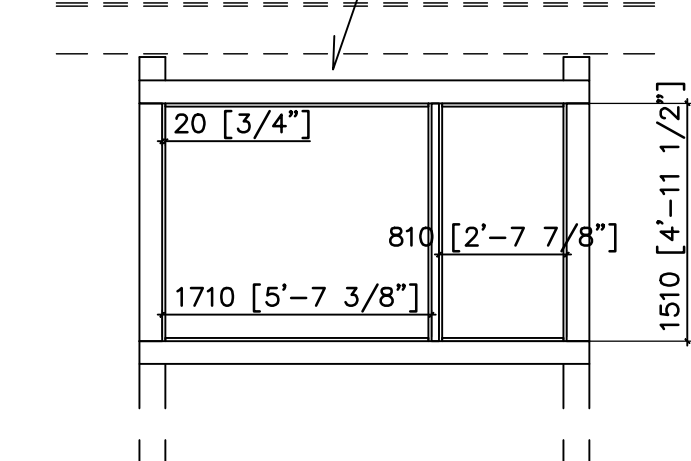
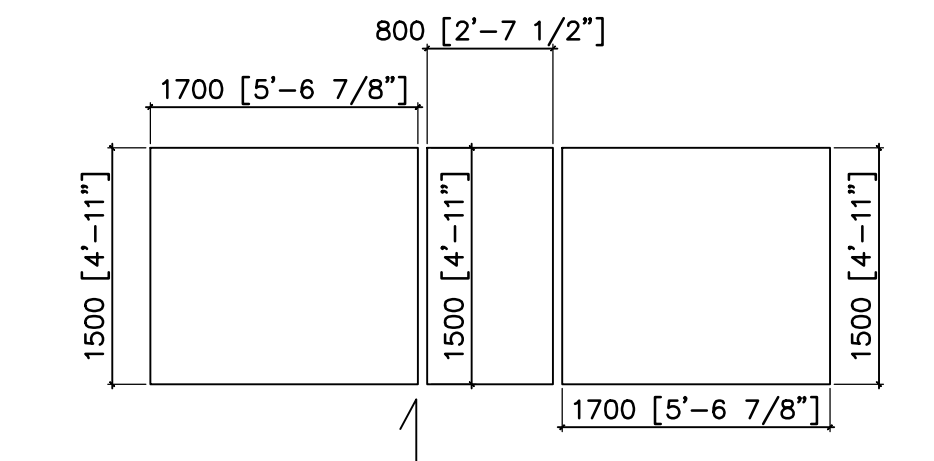
SCANDINAVIAN WINDOW SCHEDULE											
ID	TYPE	Size (cm)	Size (inches)	Opening type	Wall type	Wall thickness	Flashing	Screen	Notes	Quantity	
FW1	EK131A	170 x 240	66,9 x 94,5	FIXED	164				laminated	1	
FW2	EK131A	190 x 240	74,8 x 94,5	FIXED	164				laminated	1	
FW3	EK131A	160 x 150	63,0 x 59,1	FIXED	164					1	
FW4	EK131A	140 x 150	55,1 x 59,1	FIXED	164				tempered	1	
FW5	EK131A	120 x 230	47,2 x 90,6	FIXED	164				tempered	1	
FW6	EK131A	310 x 120	122,0 x 47,2	FIXED	164				tempered	1	
FW7	EK131A	260 x 200	102,4 x 78,7	FIXED	164				2590x(1190/2000)	1	
FW8	EK131A	63 x 200	24,8 x 78,7	FIXED	164				625x(2005/0)	1	
FW9	EK131A	310 x 210	122,0 x 82,7	FIXED	164					1	
FW10	EK131A	63 x 200	24,8 x 78,7	FIXED	164				625x(0/2005)	1	
FW11	EK131A	260 x 200	102,4 x 78,7	FIXED	164				2590x(2000/1190)	1	
<b>TOTAL</b>										<b>11</b>	

SCANDINAVIAN DOOR SCHEDULE											
ID	TYPE	Size (cm)	Size (inches)	Opening type	Wall type	Wall thickness	Flashing	Screen	Notes	Quantity	
SD1	SD	330 x 230	129,9 x 90,6	(1)L, (1)R	195				tempered (size? - TF-FRAME)	2	
SD2	SD	200 x 240	78,7 x 94,5	R	195				tempered	1	
SD3	SD	360 x 230	141,7 x 90,6	R	195				tempered	1	
SD4	SD	300 x 230	118,1 x 90,6	R	195				tempered	1	
D1	IO	90 x 200	35,4 x 78,7	R	195				tempered, (opening inside)	1	
<b>TOTAL</b>										<b>6</b>	

GLASS ELEMENT SIZE

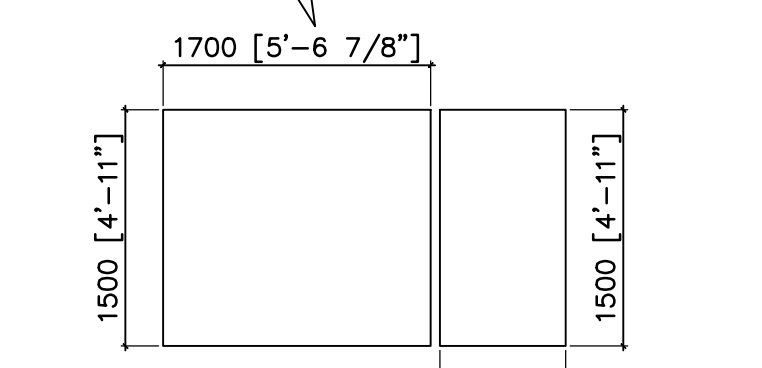


GLASS ELEMENT SIZE



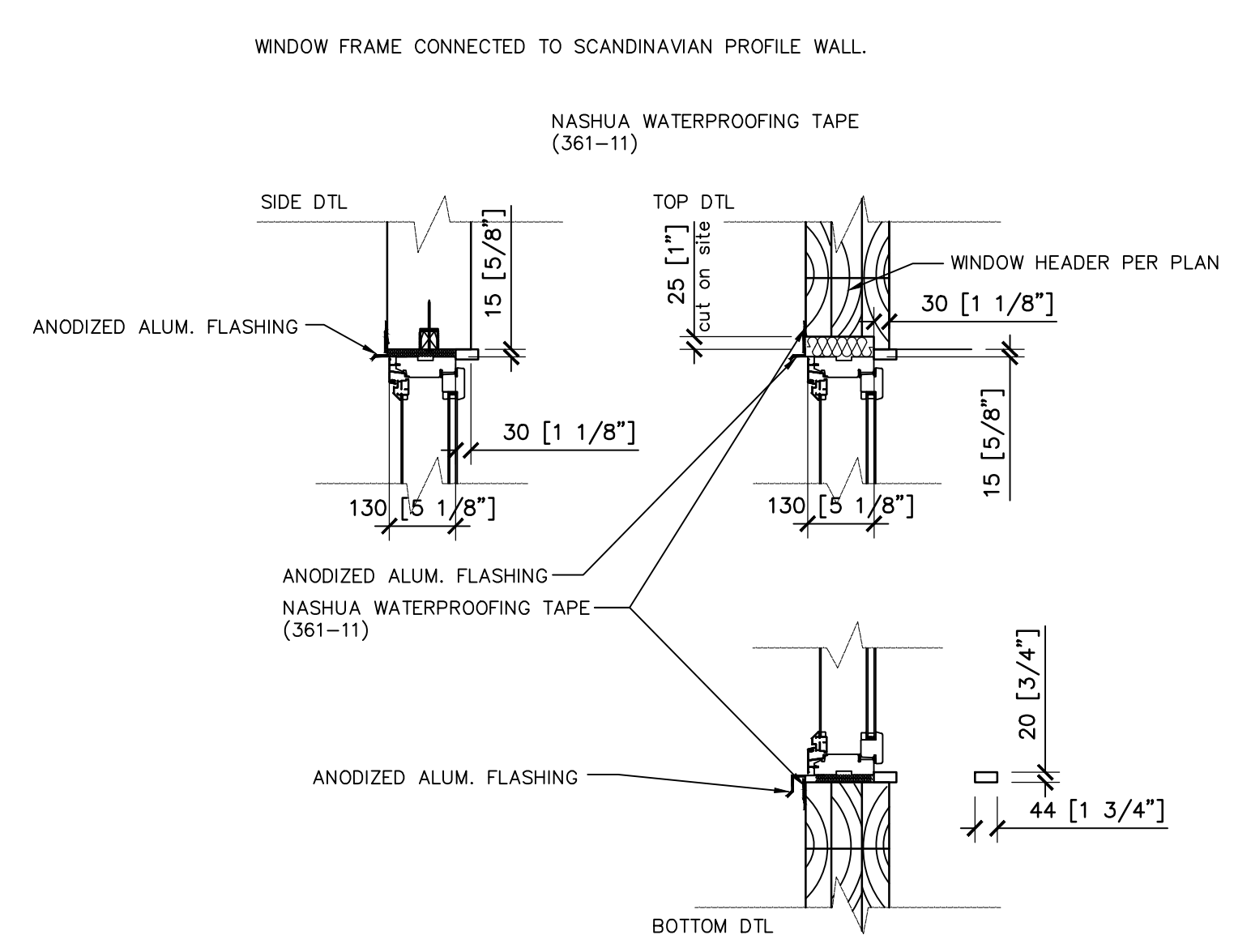
FRAME ELEVATION

FRAME ELEVATION

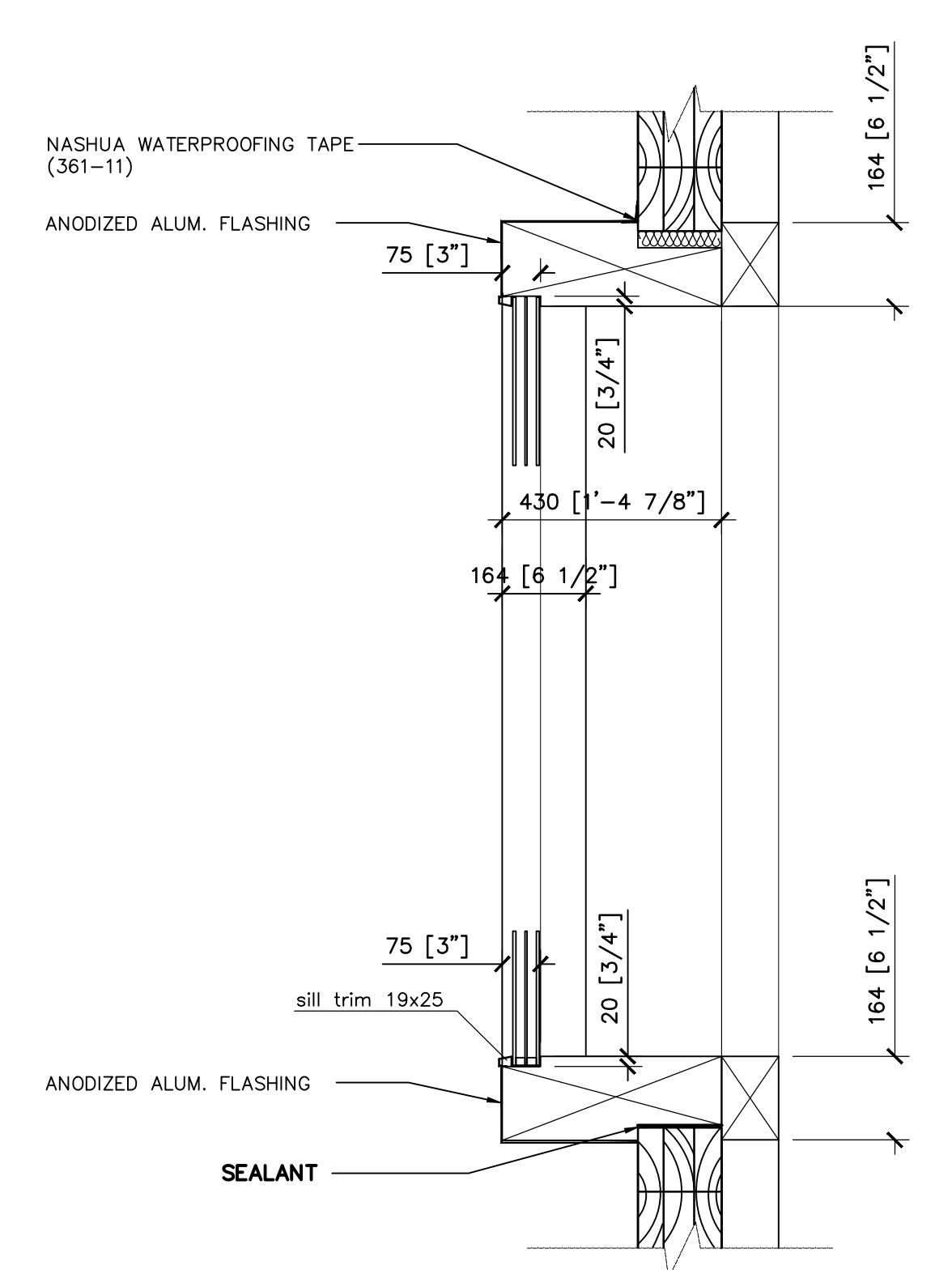


GLASS ELEMENT SIZE

1 ELEMENT FRAME ELEVATIONS  
 2.0 SCALE: 1/4" = 1'-0"



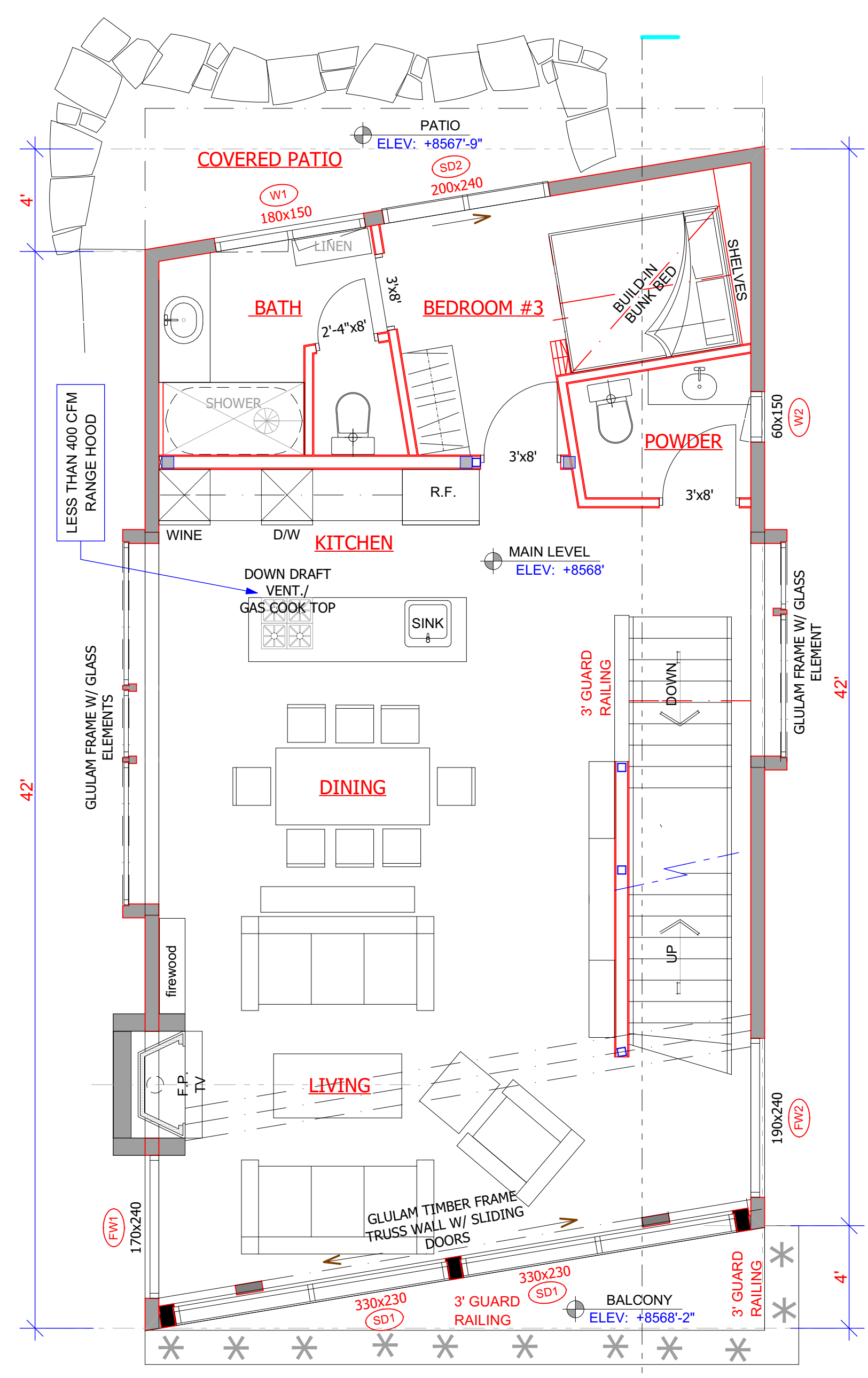
2 TYP. WINDOW DTL #1  
 2.0 SCALE: 1" = 1'-0"



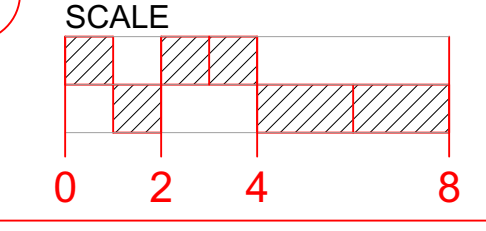
3 TYP. GLASS ELEMENT DTL  
 2.0 SCALE: 1" = 1'-0"



- NOTE:  
 ROOM AREAS SHOWN BELOW  
 ROOM NAMES ARE APPROXIMATE  
 ALL FRAMING STUDS ARE 16"
- WALL LEGEND:
- WALL 1:**
    - RECTANGULAR LAMINATED PROFILE WALL 6 1/2" [16x260]
  - WALL 2:**
    - RECTANGULAR LAMINATED PROFILE WALL 6 1/2"
    - 2"x2" FURRING WALL @16"O.C.
    - \* SLIDING CONNECTORS, (INSULATION)
    - GYP. BOARD 1/2"
    - DAMP-PROOF COURSE
    - TILE
  - WALL 3:**
    - 3 1/2" CONCRETE VENEER or 3/4" CEDAR SHIPLAP CLADDING or WEATHERED STEEL PANELS
    - TYVEK
    - PLYWOOD 7/16"
    - 2"x6" STUD FRAMING @16"O.C.
    - \* R-19 BATT INSULATION
    - MOISTURE BARRIER
    - GYP. BOARD 1/2"
  - WALL 4:**
    - 10" CONCRETE WALL
    - 3/4" FURRING
    - 2"x4" FURRING WALL @16"O.C.
    - \* BATT INSULATION
    - MOISTURE BARRIER
    - 1/2" GYP. BOARD
  - WALL 5:**
    - GYP. BOARD 1/2"
    - 2"x4" STUD FRAMING @16"O.C.
    - GYP. BOARD 1/2"
    - DAMP-PROOF COURSE
    - TILE
  - WALL 6:**
    - GYP. BOARD 1/2"
    - 2"x6" STUD FRAMING @16"O.C.
    - GYP. BOARD 1/2"



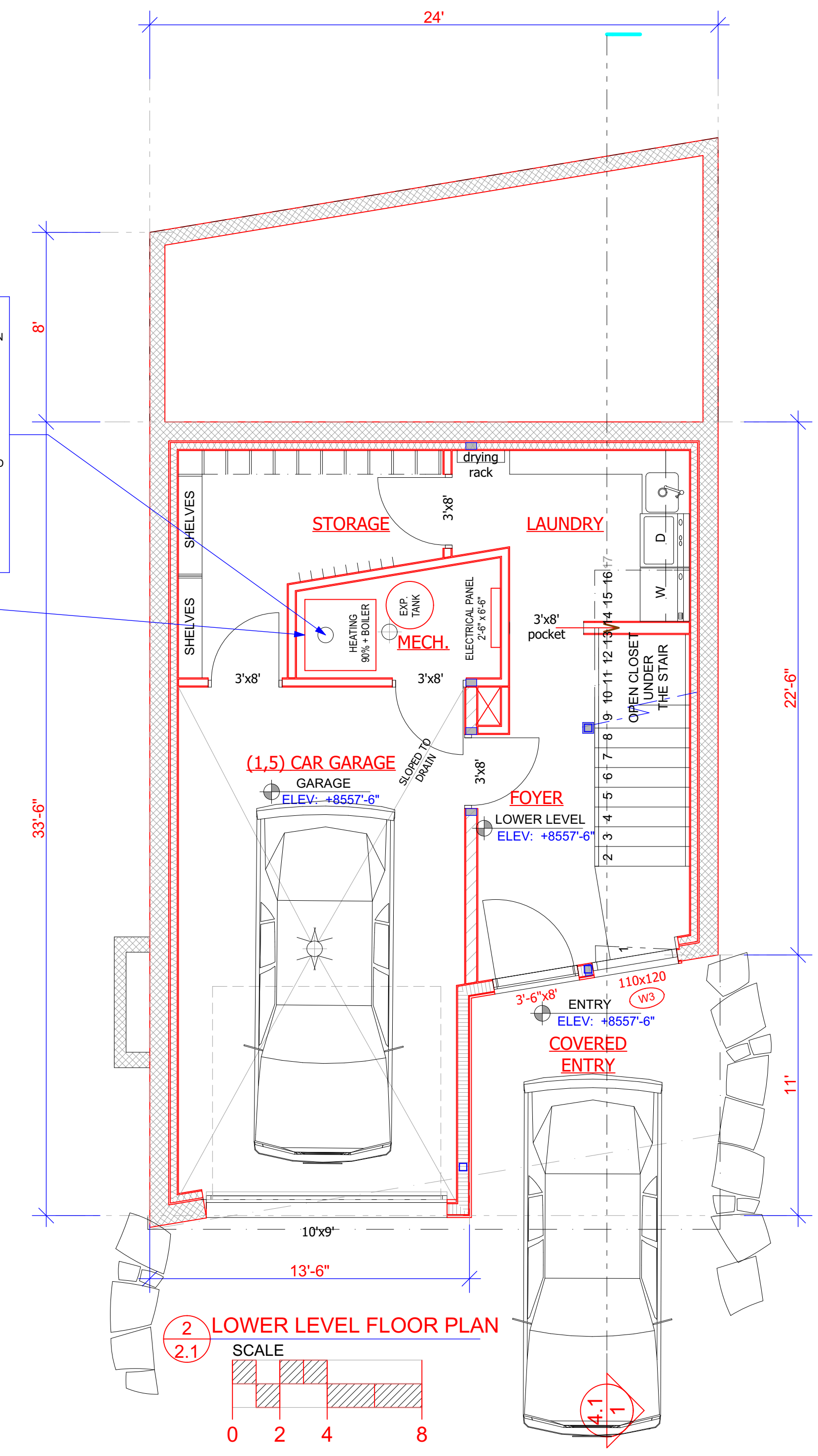
1 MAIN LEVEL FLOOR PLAN  
 2.1 SCALE



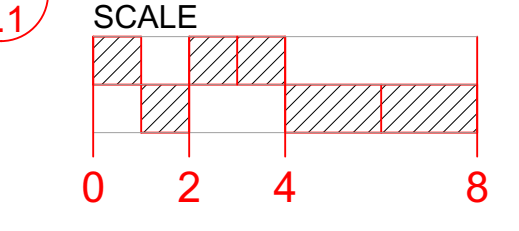
AREA CALCULATION	
MAIN LEVEL FLOOR PLAN	1 019 sqft
LOWER LEVEL FLOOR PLAN	246 sqft
MECHANICAL & STORAGE AREA	151 sqft
TOTAL	397 sqft
1.5 CAR GARAGES	302 sqft
UPPER LEVEL FLOOR PLAN	766 sqft
ROOF LEVEL ATRIUM	281 sqft
TOTAL HEATED AREA	2 463 sqft
UNHEATED AREAS	302 sqft
TOTAL GRAND AREA	2 765 sqft

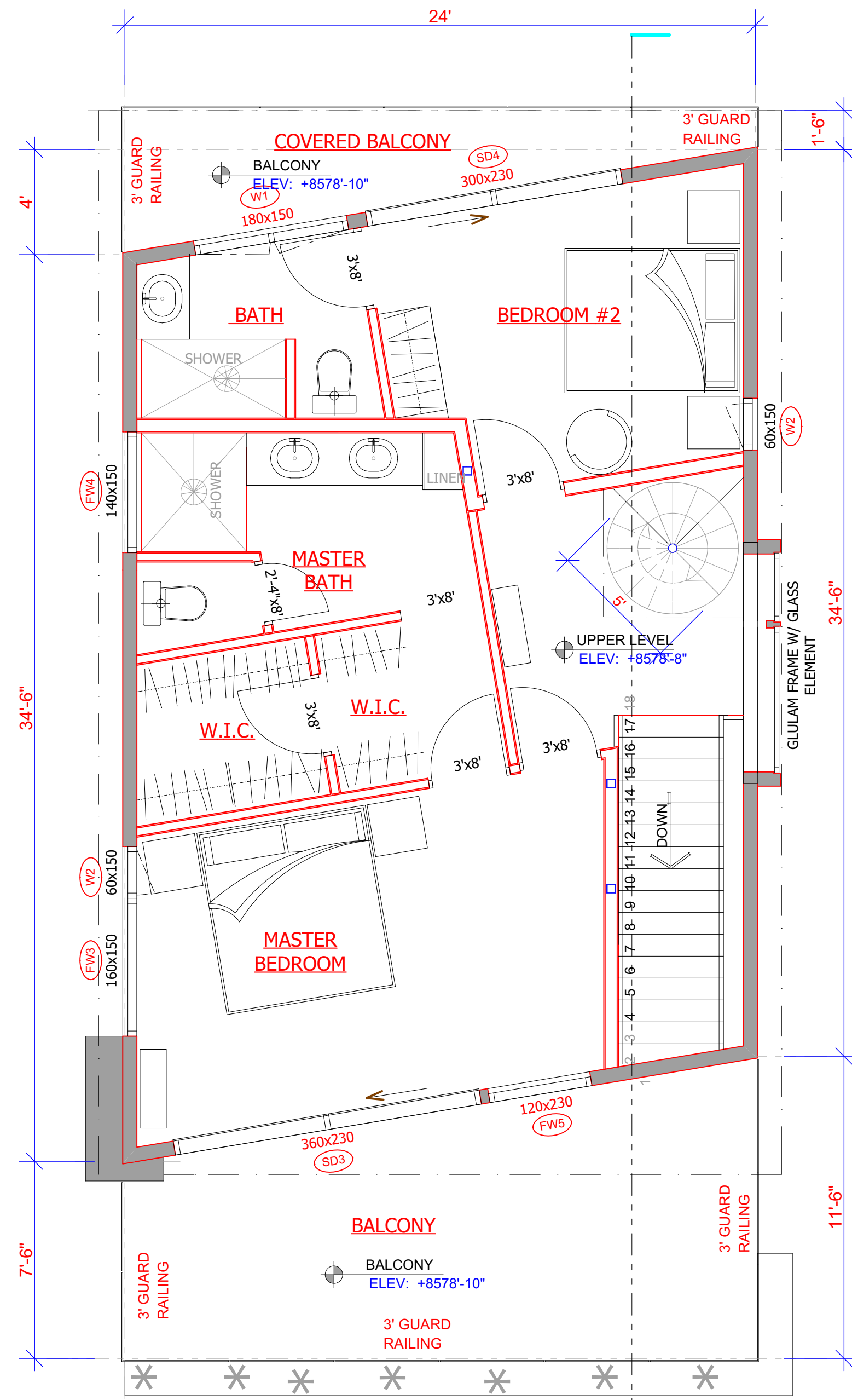
WHERE OPEN COMBUSTION AIR DUCTS PROVIDE COMBUSTION AIR TO OPEN COMBUSTION FUEL BURNING APPLIANCES THE DUCT AND APPLIANCE SHALL BE LOCATED OUTSIDE OF THE BUILDING THERMAL ENVELOPE OR ENCLOSED AND ISOLATED FROM THE THERMAL ENVELOPE. SUCH ROOMS SHALL BE SEALED AND INSULATED. THE DOOR INTO THE ROOM SHALL BE FULLY GASKETED.

DUCT LENGTH / MECH. NOTES M1506.2

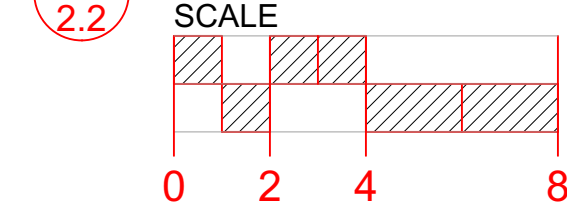


2 LOWER LEVEL FLOOR PLAN  
 2.1 SCALE

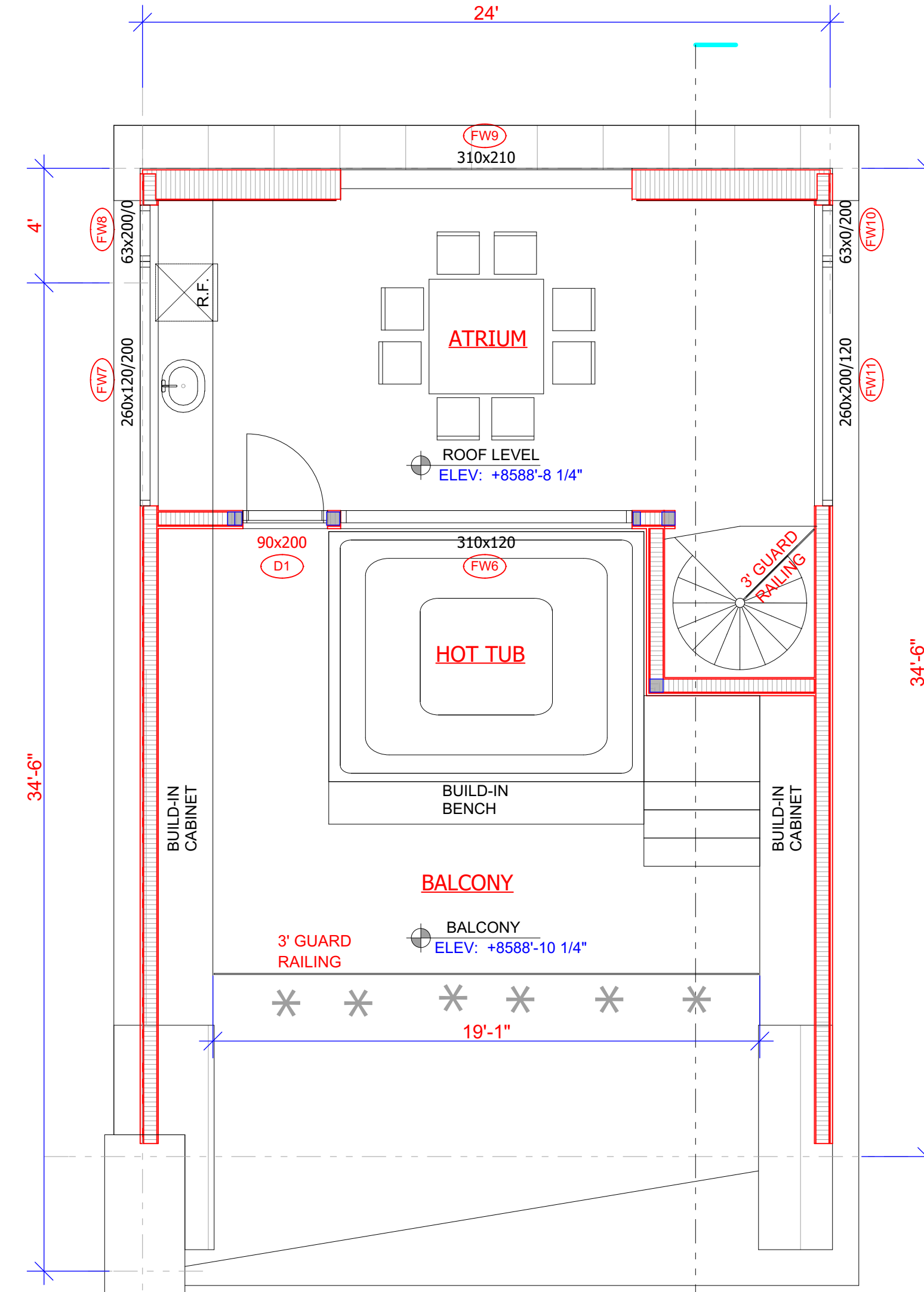




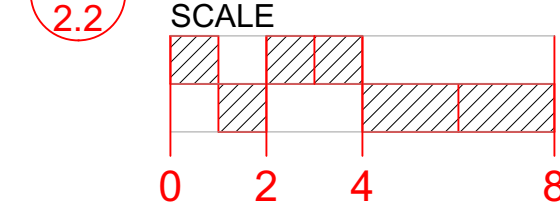
1 UPPER LEVEL FLOOR PLAN



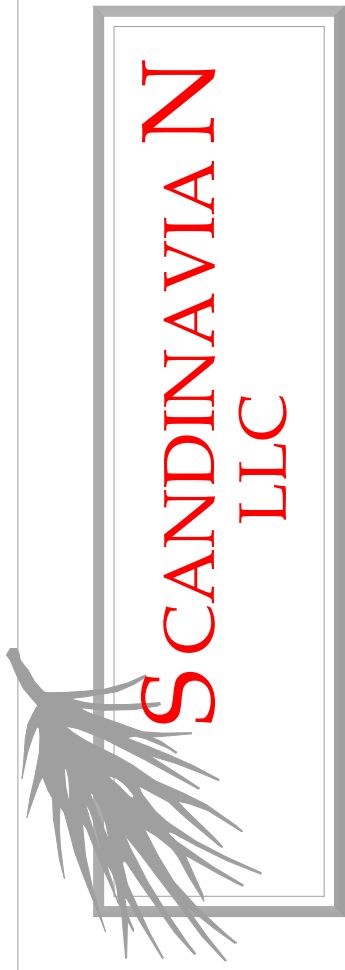
4.1  
1



2 ROOF LEVEL FLOOR PLAN



4.1  
1



ARCHITECTURAL OFFICE  
 Company Name: Scandinavian LLC  
 Address: 6410 N. Business Park Loop Rd. Unit E  
 Phone: 435-513-0355  
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 Project No.:  
 Cad File:  
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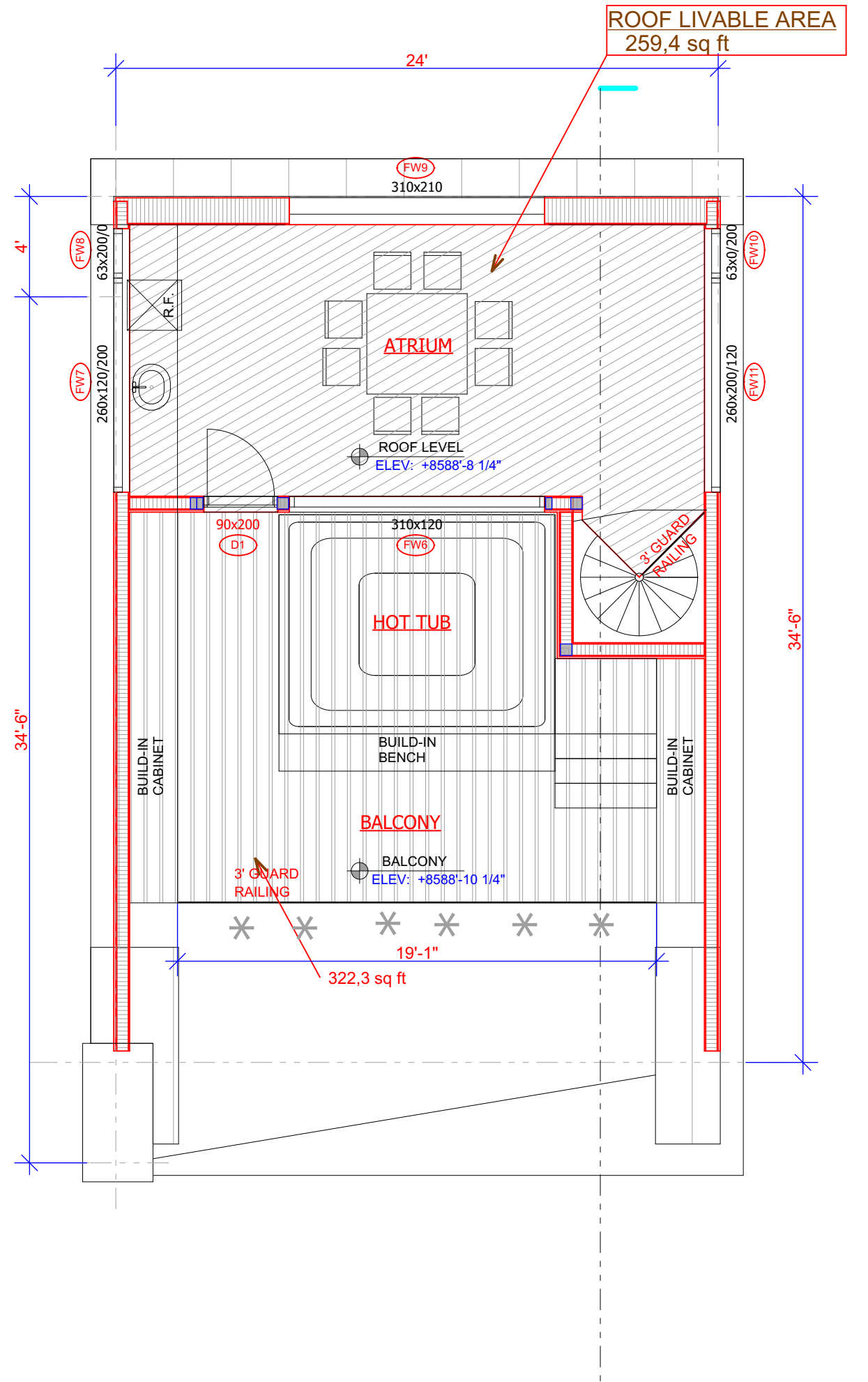
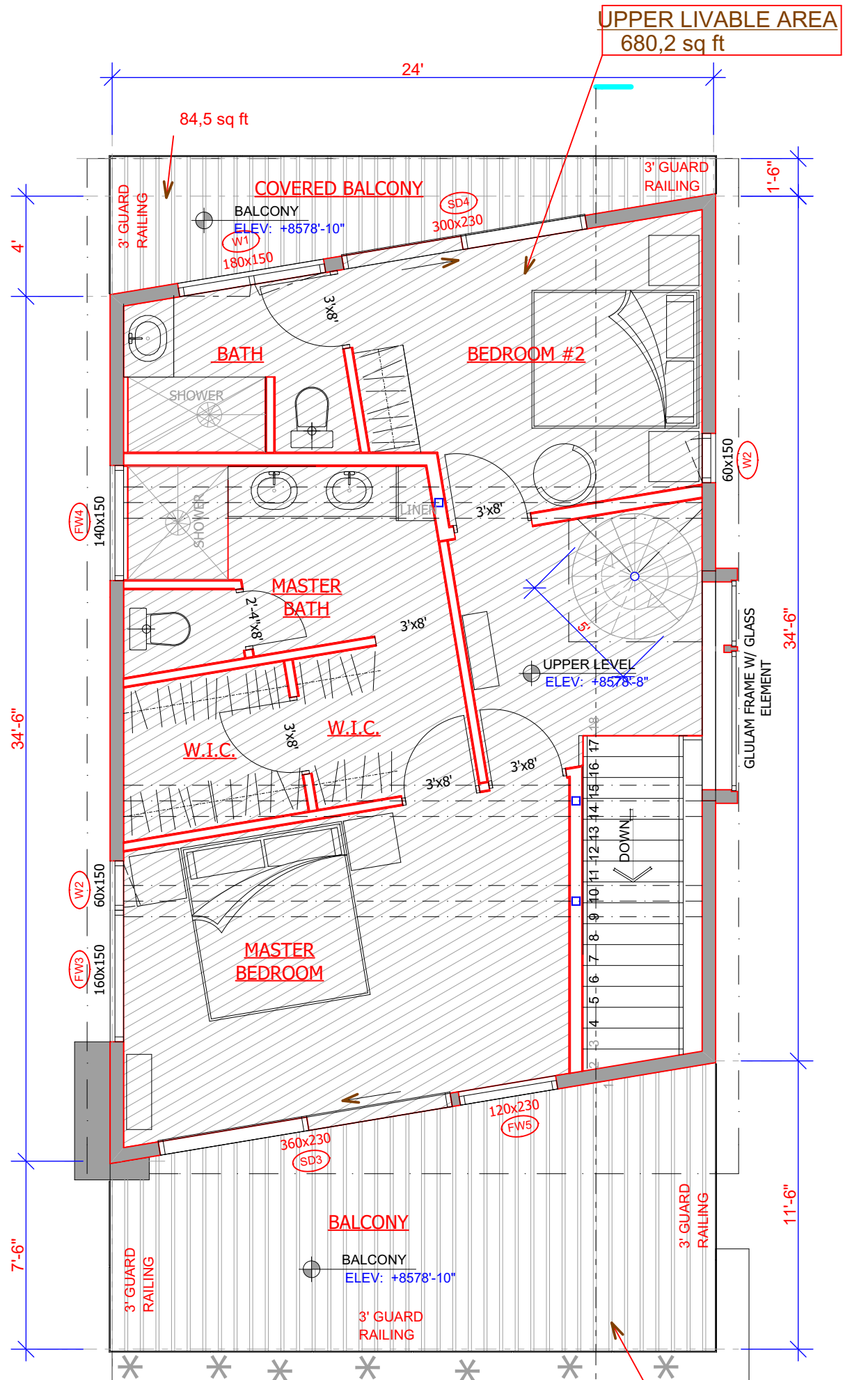
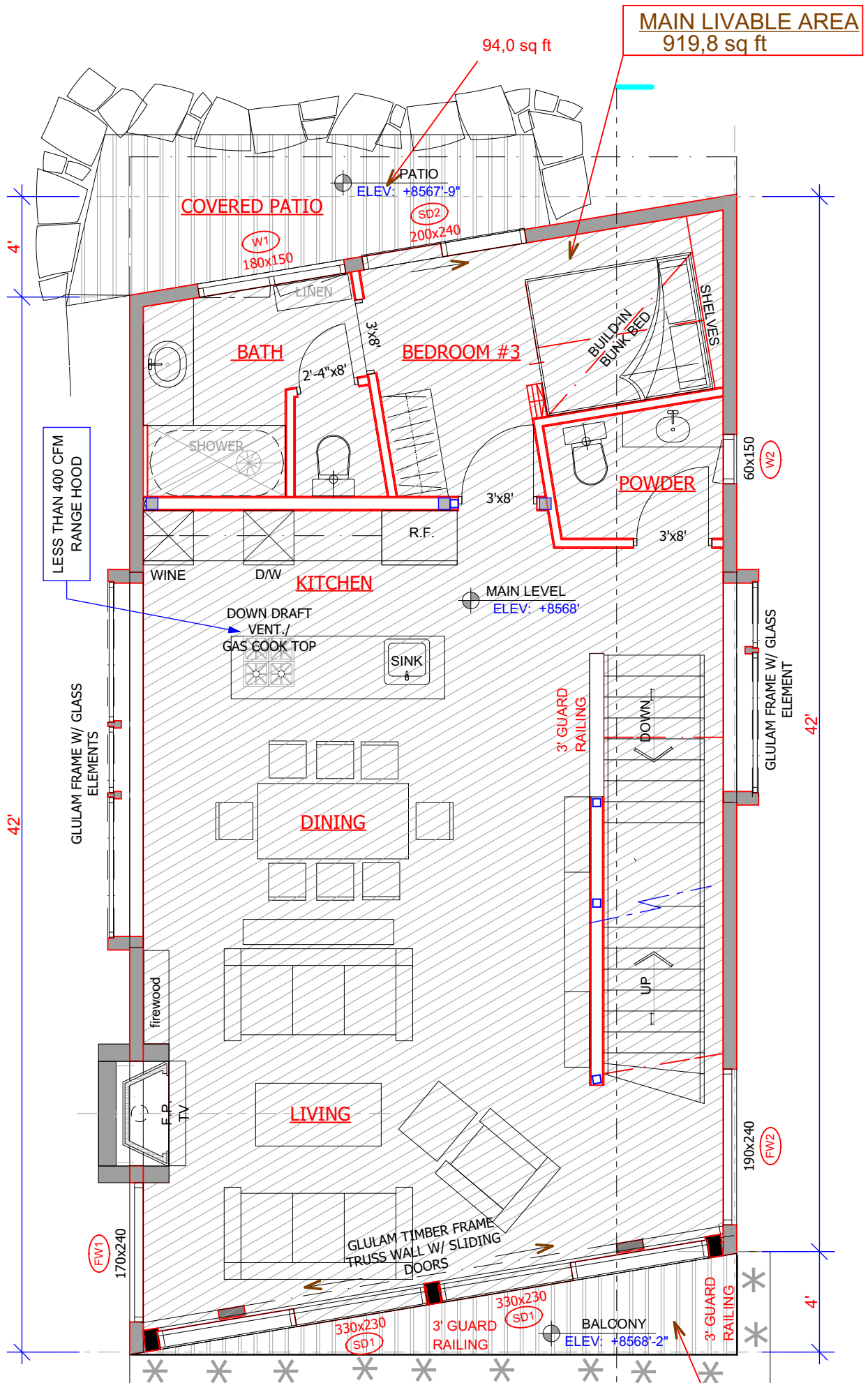
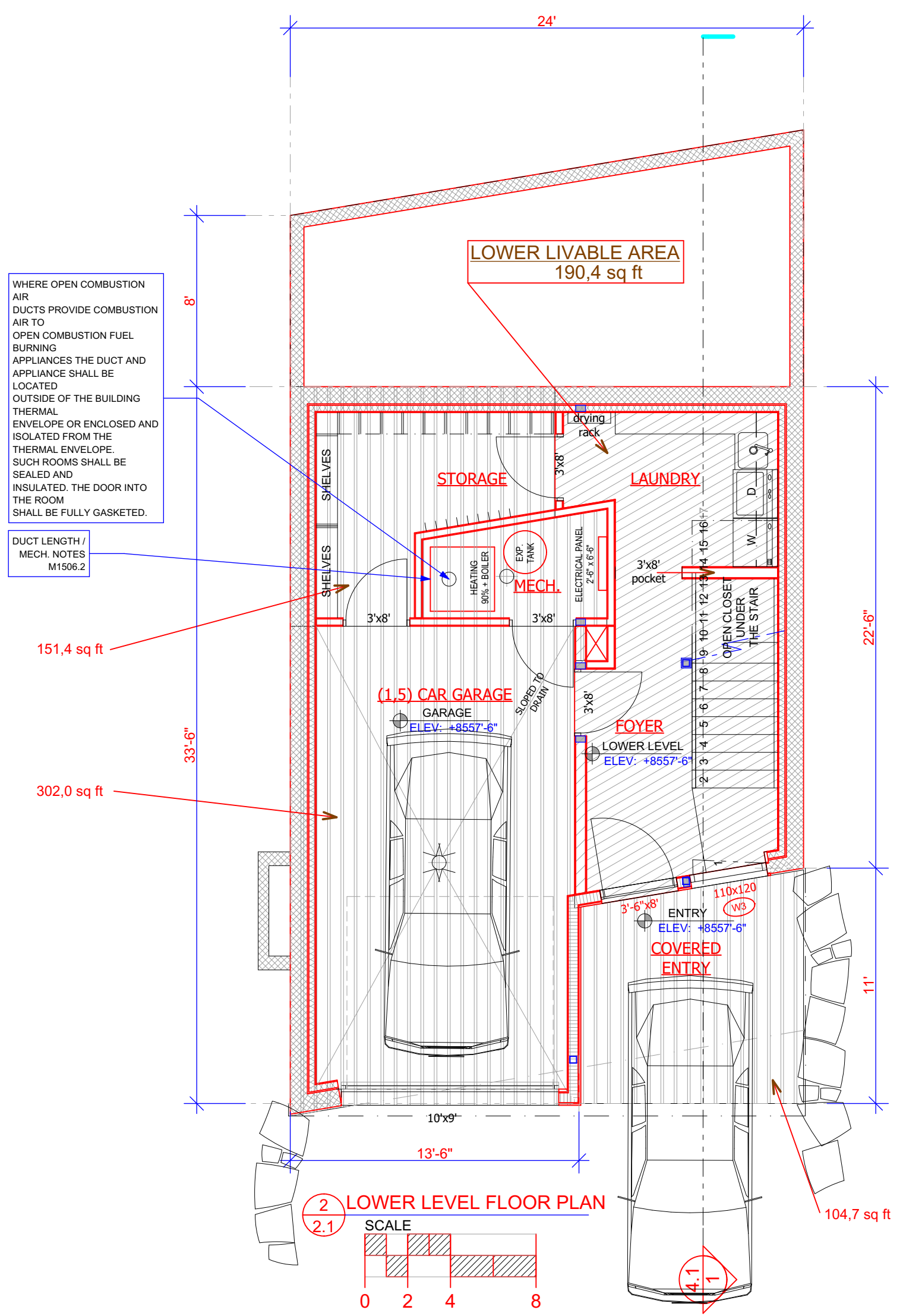
A New Residence:  
**BLAKE KINGSBURY AND MERRIT CHESSON**  
 Summit Powder Mountain, Lot # 70  
 8492 E. Spring Park, Utah

BUILDER  
 Company Name:  
 Address:  
 Park City, Utah 84098  
 Phone:  
 Fax:

Drawing Date: 06-21-2018  
 Scale: 1/4" = 1'-0"  
**UPPER & ROOF LEVEL FLOORS**  
 BUILDER/DEALER'S APPROVAL:  
 Signature and Date:



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NET LIVABLE AREA CALCULATION	
LOWER LEVEL LIVABLE AREA	190 sqft
MAIN LEVEL LIVABLE AREA	920 sqft
UPPER LEVEL LIVABLE AREA	680 sqft
ROOF LEVEL LIVABLE AREA	259 sqft
<b>NET TOTAL LIVABLE AREA</b>	<b>2 049 sqft</b>

GROSS TOTAL AREA CALCULATION	
LOWER LEVEL COVERED ENTRY	105 sqft
MAIN LEVEL BALCONY AND PATIO	143 sqft
UPPER LEVEL BALCONIES	314 sqft
ROOF LEVEL BALCONY	322 sqft
ENCLOSED GARAGE	302 sqft

ENCLOSED LOWER LEVEL FLOOR PLAN	246 sqft
ENCLOSED MAIN LEVEL FLOOR PLAN	1 019 sqft
ENCLOSED UPPER LEVEL FLOOR PLAN	766 sqft
ENCLOSED ROOF LEVEL FLOOR PLAN	281 sqft
ENCLOSED MECHANICAL / STORAGE	151 sqft
<b>ENCLOSED TOTAL HEATED AREA</b>	<b>2 463 sqft</b>

<b>GROSS TOTAL AREA</b>	<b>3 649 sqft</b>
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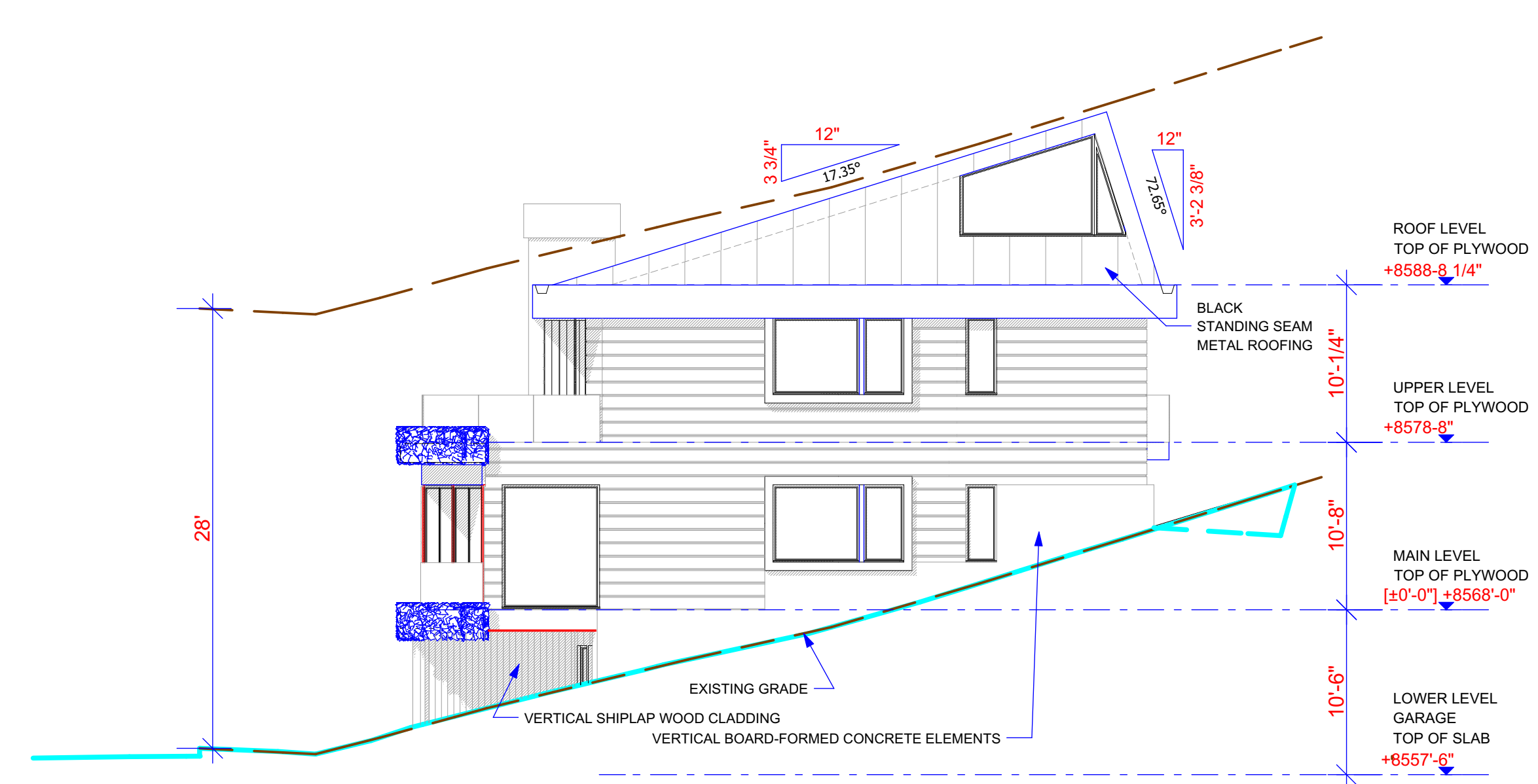
ARCHITECTURAL OFFICE  
 Company Name  
 Scandinavian LLC  
 Address  
 6410 N. Business  
 Park Loop Rd. Unit E  
 Phone 435-513-0555  
 Fax  
 Project No.  
 Cad File  
 Drawn  
 Checked

**A New Residence:**  
**BLAKE KINGSBURY AND MERRIT CHESSON**  
 Summit Powder Mountain, Lot # 70  
 8492 E. Spring Park, Utah

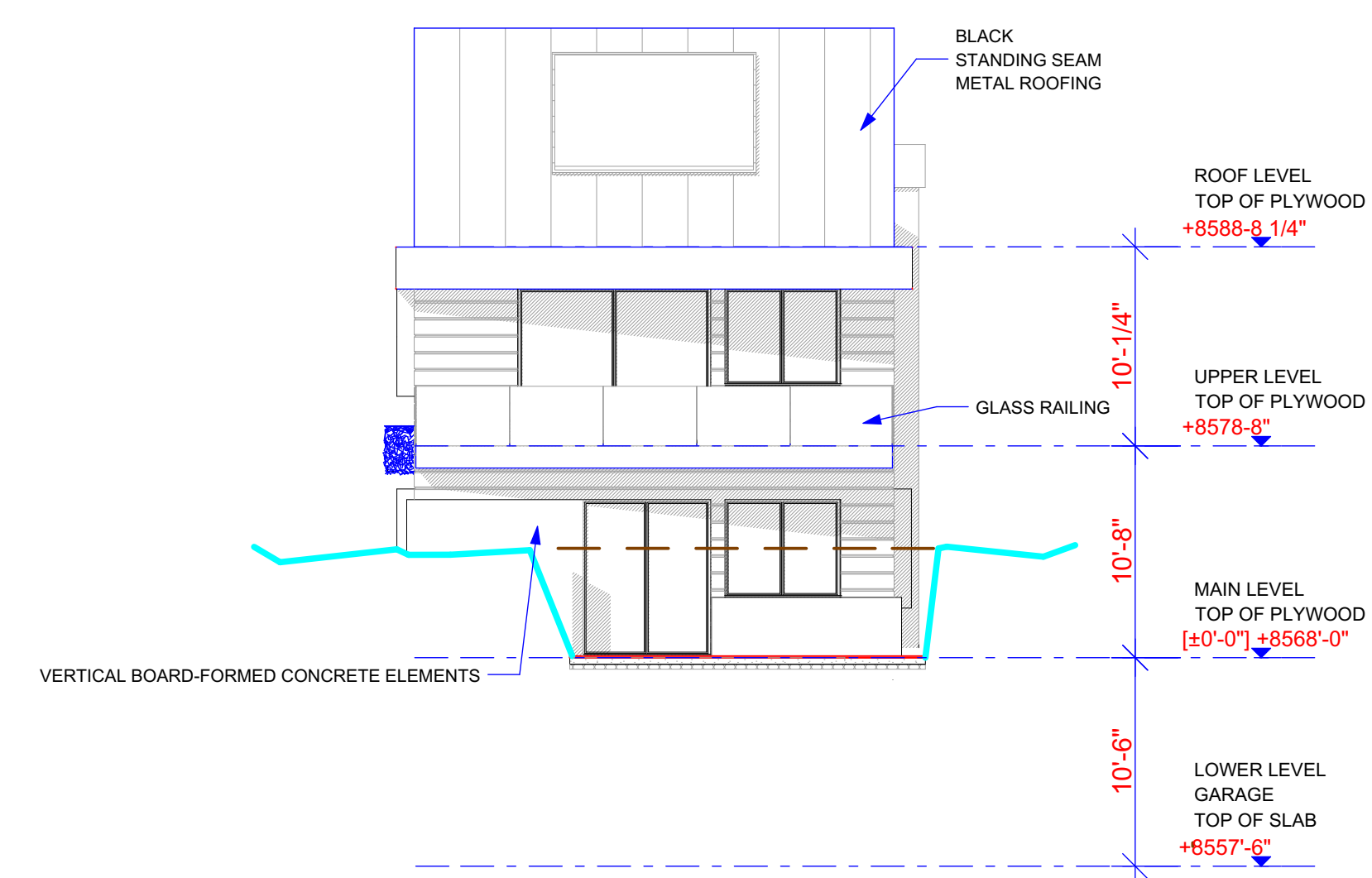
BUILDER  
 Company Name  
 Address  
 Park City, Utah 84098  
 Phone  
 Fax

Drawing Date 06-21-2018  
 Scale 3/16" = 1'-0"  
 Title No.  
**AREA CALCULATION**  
 BUILDER/DEALER'S APPROVAL:  
 Signature and Date

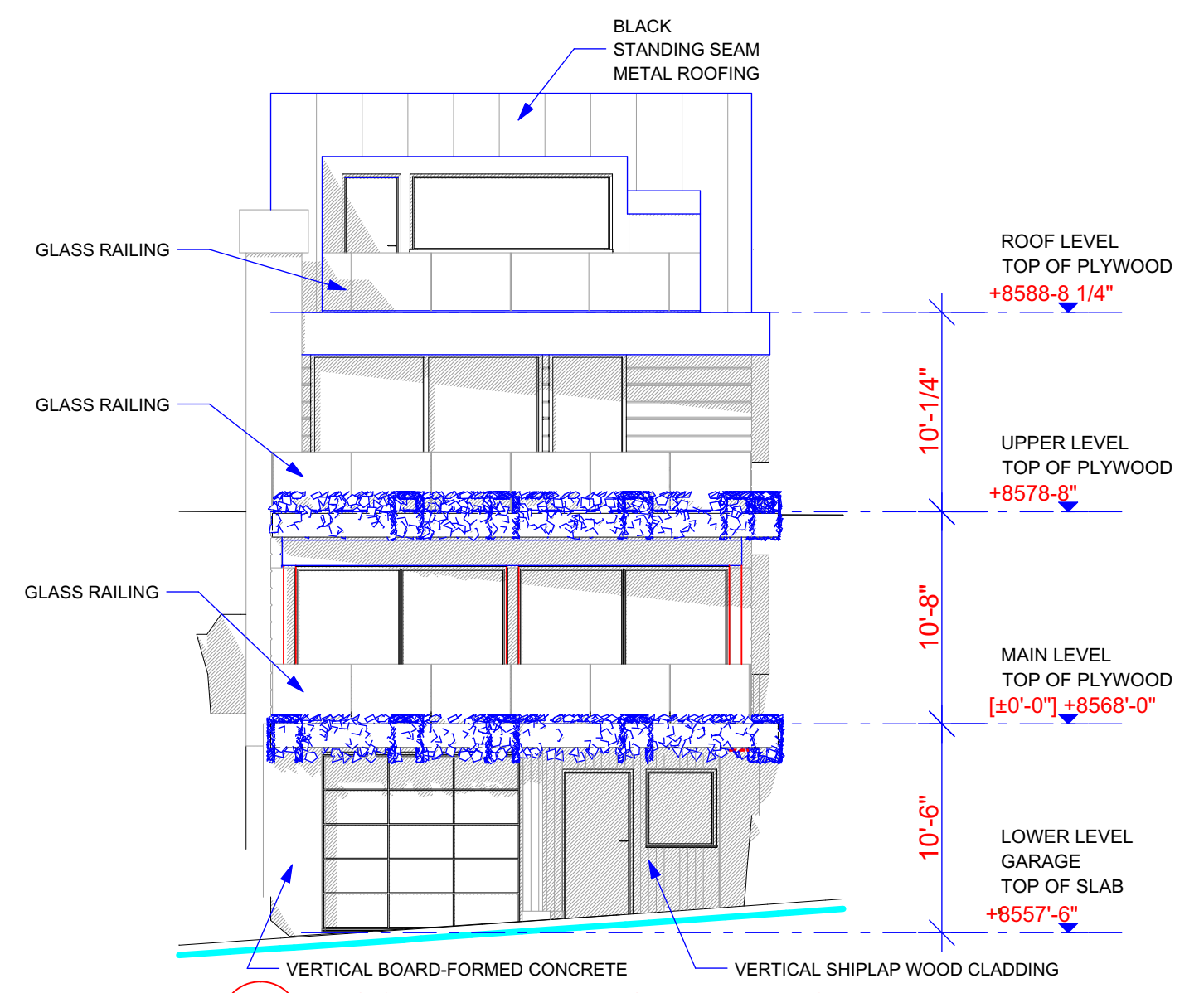




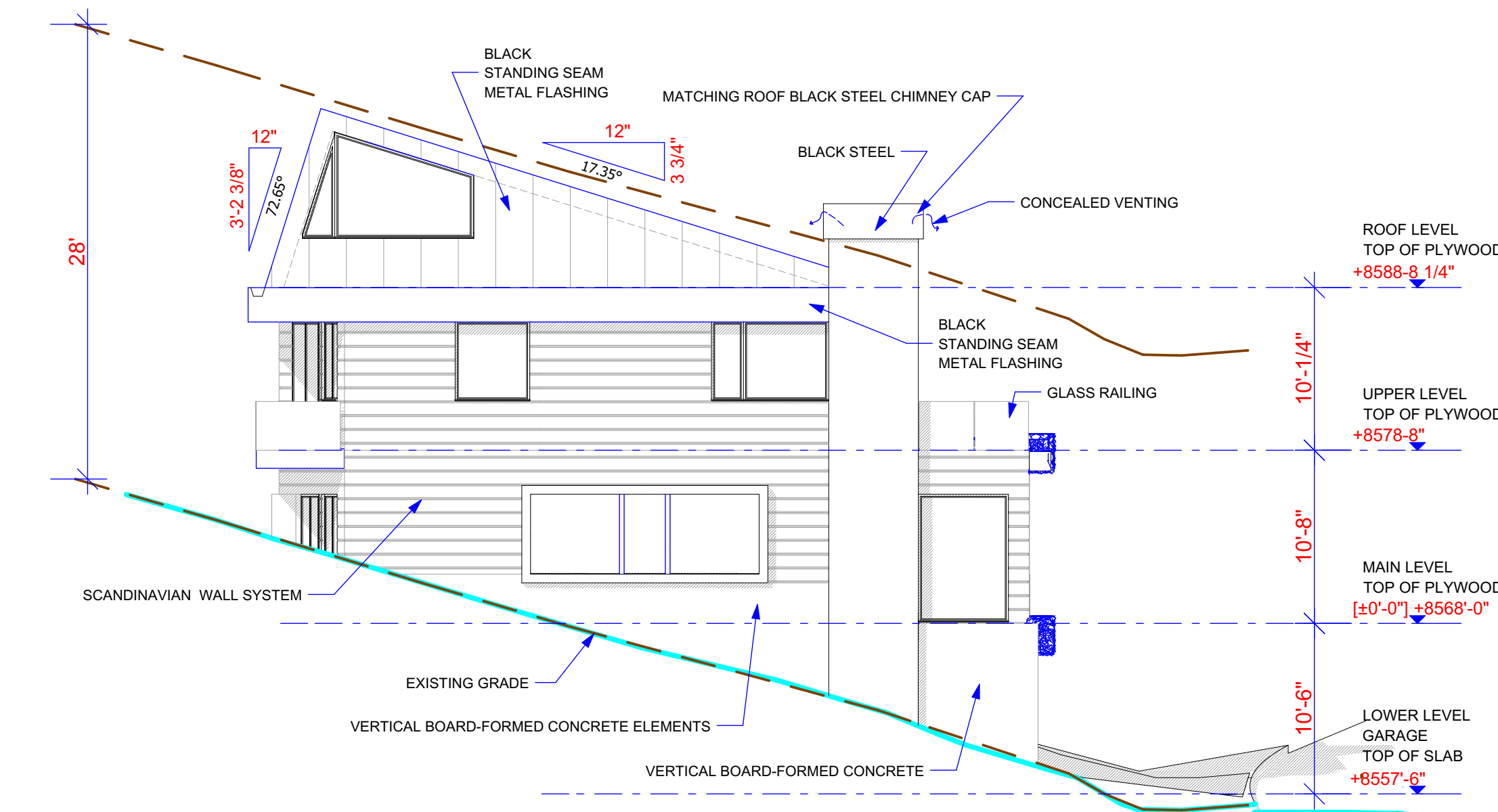
**4 EAST BUILDING ELEVATION**  
 SCALE  
 0 2 4 8



**3 NORTH BUILDING ELEVATION**  
 SCALE  
 0 2 4 8



**1 SOUTH BUILDING ELEVATION**  
 SCALE  
 0 2 4 8



**2 WEST BUILDING ELEVATION**  
 SCALE  
 0 2 4 8



**ROOF 1**  
 -WEATHERED STEEL ROOF PANELS  
 -UNDERLAYMENT  
 -PLYWOOD 5/8" OSB  
 -TJI 230 RAFTERS @16"O.C. (typ.)  
 SEE ROOF FRAMING PLAN  
 \*R-47 BATT INSULATION  
 -MOISTURE BARRIER  
 -CEILING BOARDS

**ROOF 2**  
 -WEATHERED STEEL ROOF PANELS  
 -UNDERLAYMENT  
 -PLYWOOD 5/8" OSB  
 -TJI 230 RAFTERS @16"O.C. (typ.)  
 SEE ROOF FRAMING PLAN  
 -MOISTURE BARRIER  
 -TYVEK  
 -3/4" CEDAR SOFFIT

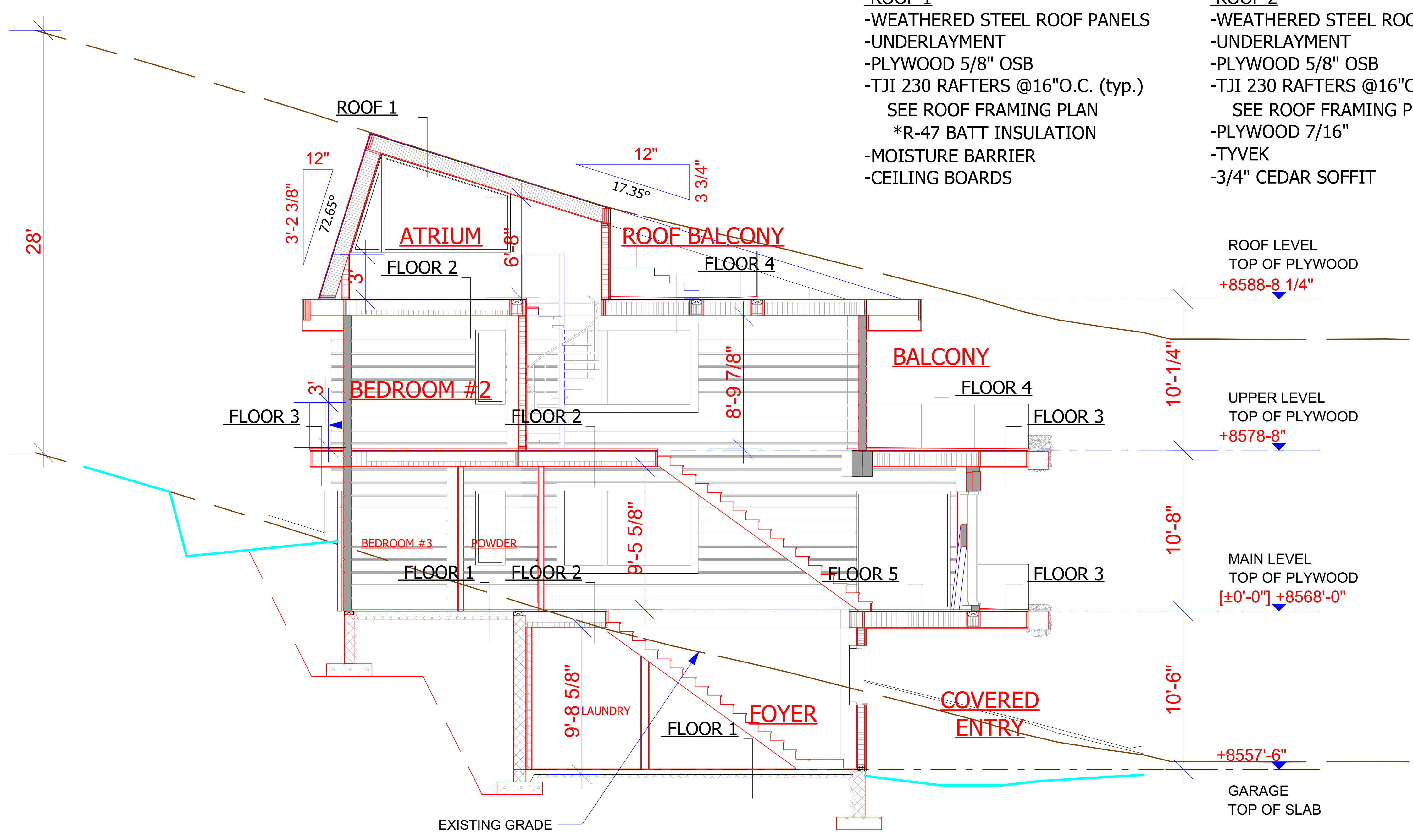
**FLOOR 1**  
 -FLOORING  
 -4" REINFORCED CONC. SLAB  
 (WELDED WIRE FABRIC)  
 -6-MIL POLYETHENE VAPOR BARRIER  
 -RIGID INSULATION 2" MINIMUM  
 -COMPACTED GRANULAL BASE COURSE

**FLOOR 2**  
 -FLOORING  
 -3/4" OSB PLYWOOD SUBFLOOR  
 -TJI 230 JOISTS @16"O.C. (typ.)  
 \* SOUND INSULATION  
 -CEILING BOARDS

**FLOOR 3**  
 -1/4" TILE FLOORING  
 -1/4" WONDER BOARD & WATERPROOFING MEMBRANE  
 -3/4" OSB PLYWOOD SUBFLOOR  
 -TJI 230 JOISTS @16"O.C. (typ.)  
 -PLYWOOD 7/16"  
 -TYVEK  
 -3/4" CEDAR SOFFIT

**FLOOR 4**  
 -1/4" TILE FLOORING  
 -1/4" WONDER BOARD & WATERPROOFING MEMBRANE  
 -3/4" OSB PLYWOOD SUBFLOOR  
 -TJI 230 JOISTS @16"O.C. (typ.)  
 SEE ROOF FRAMING PLAN  
 \*R-47 BATT INSULATION  
 -MOISTURE BARRIER  
 -CEILING BOARDS

**FLOOR 5**  
 -FLOORING  
 -3/4" OSB PLYWOOD SUBFLOOR  
 -TJI 230 JOISTS @16"O.C. (typ.)  
 SEE ROOF FRAMING PLAN  
 \*R-47 BATT INSULATION  
 -PLYWOOD 7/16"  
 -TYVEK  
 -3/4" CEDAR SOFFIT



**1 BUILDING SECTION**  
**4.1 SCALE**  
 0 2 4 8





STRUCTURAL GENERAL NOTES

DESIGN CRITERIA: 1. BUILDING CODES USED FOR DESIGN: A. IBC/RC 2015 AS AMENDED BY THE STATE OF UTAH. 2. DESIGN LOADS: A. DESIGN LIVE LOADS: FLOOR ROOF SHOW LOAD 158 PSF (DRIFTING PER ASCE 7-10) B. WIND LOADS: BASIC WIND SPEED 115 IMPULSE FACTOR 1.0 EXPOSURE COEFFICIENT C. SEISMIC CRITERIA MAIN STRUCTURE: SEISMIC DESIGN CATEGORY D SEISMIC USE GROUP I SITE CLASS D R COEFFICIENT 2.5

CONCRETE: 1. NO PIPES, DUCTS, ELECYS, ETC. SHALL BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY ALLOWED OR APPROVED BY STRUCTURAL ENGINEER. NO ALUMINUM PRODUCTS SHALL BE EMBEDDED IN CONCRETE. PENETRATIONS THROUGH WALLS WHEN APPROVED MUST BE MADE BY THE CONTRACTOR. PENETRATIONS THROUGH ROOFS OR GRADE BEAMS DESIGNED AND DETAILLED AS SEISMIC RESISTING ELEMENTS, PIPING, ETC. SHOULD BE NOTED AROUND THESE ELEMENTS AND FOOTINGS STEPPED TO AVOID PIPING. PLUMBING AND ELECTRICAL SLEEVES NOT EXCEEDING 6" IN DIAMETER MAY BE PLACED IN FOUNDATION WALLS PROVIDED NO REINFORCING IS CUT AND SLEEVES ARE NOT PLACED CLOSER THAN 36" O.C. 2. REFER TO ARCHITECTURAL DRAWINGS FOR MOULDS, GROOVES, ORNAMENTS, ETC. TO BE CAST IN TO CONCRETE, AND FOR EXTENT AND LOCATION OF DEPRESSIONS, CURBS, RAMPS, ETC. 3. UNLESS OTHERWISE NOTED, MAKE ALL CONCRETE SLABS ON EARTH AT LEAST 4" THICK. 4. AROUND OPENINGS LARGER THAN 12" IN ANY DIRECTION IN CONCRETE WALLS, ADD (2) #4 BARS ALL SIDES IN ADDITION TO REGULAR WALL REINFORCING AND EXTEND 24" EACH WAY BEYOND OPENING. WHERE 24" IS NOT AVAILABLE, EXTEND BARS AS FAR AS POSSIBLE AND TERMINATE WITH A STANDARD HOOK. 5. CONSTRUCTION JOINTS NOT SHOWN ON THE PLANS SHALL BE MADE AND LOCATED SO AS TO NOT IMPAIR THE STRENGTH OF THE STRUCTURE AND AS APPROVED BY THE STRUCTURAL ENGINEER. ALL STEEL REINFORCING SHALL BE CONTINUOUS THROUGH COLD JOINTS UNLESS NOTED OTHERWISE. 6. ALL VERTICAL CONCRETE FACES (INCLUDING FOOTINGS) SHALL BE FORMED. FORM MATERIALS SHALL BE STRAIGHT AND TRUE.

MISCELLANEOUS: A. EXPANSION BOLTS, CHEMICAL ANCHORS, DEFORMED BAR ANCHORS AND HEADED STUDS: ALL EXPANSION BOLTS SHALL BE HELIX KWIK BOLTS AS NOTED ON THE DRAWINGS, OR APPROVED WITH EQUIVALENT. ALL ALLOWABLE TENSION AND SHEAR VALUES. MINIMUM EMBEDMENT UNLESS OTHERWISE NOTED SHALL BE: #4 FOR 1/2" DIAMETER, 5" FOR 3/8" AND 3/4" DIAMETER. B. HEADED STEEL BOLTS BE NELSON HEADED ANCHORS WITH FLUXED ENDS OR APPROVED. DEFORMED BAR ANCHORS (DBA) SHALL BE NELSON, TYPE DDL, OR APPROVED. STUDS AND ANCHORS SHALL BE AUTOMATICALLY END-WELDED WITH THE MANUFACTURER'S STANDARD EQUIPMENT IN ACCORDANCE WITH THEIR RECOMMENDATIONS. PERMANENTLY EXPOSED PLATES AND ANGLES SHALL BE HOT-DIPPED, GALVANIZED AFTER FABRICATION, UNLESS OTHERWISE NOTED. NO LOADS OR WELDS SHALL BE PLACED ON EMBEDDED PLATES OR ANGLES FOR A MINIMUM OF 7 DAYS AFTER CASTING. D. ALL ANCHOR BOLTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT ARE FURNISHED AND LOCATED BY THE RESPECTIVE CONTRACTORS AND SET BY GENERAL CONTRACTOR EXCEPT WHERE THE OTHER CONTRACTOR FURNISH THEIR OWN CONNECTIONS. E. EPOXY ADHESIVE SHALL CONFORM TO ASTM DCS AND SHALL BE A TWO-COMPONENT, LIQUID EPOXY WITH NON-SAG CONSISTENCY AND A LONG POT LIFE, AND SHALL BE SUITABLE FOR USE ON DRY OR DAMP SURFACES. MINIMUM SLANT SHEAR STRENGTH SHALL BE 5,000 PSI, AND MINIMUM TENSILE STRENGTH SHALL BE 4,000 PSI. HOLES SIZES AND INSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH APPROVED ICBO REQUIREMENTS. F. CORE DRILLING: ALL CORE DRILLING SHALL BE DONE BY THE MECHANICAL AND ELECTRICAL CONTRACTORS FOR THEIR OWN WORK UNDER THE SUPERVISION OF THE GENERAL CONTRACTOR. THESE SHALL NOT BE ANY CORE DRILLING THROUGH BEAMS OR COLLUMNS. MAXIMUM CORE HOLE THROUGH SLABS SHALL BE PIPE DIAMETER PLUS 1".

DESIGN STRENGTHS: A. CONCRETE: STRENGTH AT CLASS 28 DAYS (PSI) TYPE LOCATION A 4000 STD. WT. INTERIOR SLABS B 4000 STD. WT. AIR-ENTRAINED SLABS & WALLS C 3000 STD. WT. FOOTINGS B. REINFORCEMENT: FY = 60,000 PSI C. STRUCTURAL STEEL: FY = 50,000 PSI D. STRUCTURAL TUBES: FY = 46,000 PSI E. STRUCTURAL PIPES: FY = 35,000 PSI

REINFORCING STEEL: 1. ALL REINFORCING BARS SHALL CONFORM TO ASTM STANDARD A-615 GRADE 60 AND ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM STANDARD A-185 AND SHALL BE SUPPLIED IN FLAT SHEETS. ADEQUATELY TIE AND SUPPORT ALL REINFORCING STEEL AS SPECIFIED BY ACI 315. TO MAINTAIN EXACT REQUIRED POSITION. ALL FIELD BENT DOWELS SHALL BE BENT ONLY ONCE. 2. REINFORCEMENT SHALL HAVE THE FOLLOWING CONCRETE COVERAGE: CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3/4" EXPOSED TO EARTH OR WEATHER: #8 & LARGER ..... 7", #5 & SMALLER ..... 1-1/2" NOT EXPOSED TO WEATHER OR EARTH: SLABS, WALLS, JOISTS, #11 & SMALLER ..... 3/4" BEAMS, COLUMNS: MAIN REINFORCING OR TIES ..... 1-1/2" SLAB ON GRADE PLATE REINFORCING AT CENTER OF SLAB UNLESS INDICATED OTHERWISE. 3. EXCEPT WHERE NOTED, CONTINUOUS REINFORCEMENT SHALL BE SPLICED AT POINTS OF MEMBER STRESS AND LAPPING 36 BAR DIAMETERS IN CONCRETE AND 48 BAR DIAMETERS IN MASONRY. 4. ALL VERTICAL REINFORCING SHALL BE DOWELED TO FOOTINGS OR STRUCTURE BELOW WITH DOWELS TO MATCH. SPLICE LENGTHS SHALL COMPLY WITH NOTE F-3. DOWELS INTO FOOTINGS SHALL TERMINATE WITH A STANDARD HOOK, AND SHALL EXTEND TO WITHIN 4" OF THE BOTTOM OF THE FOOTING, BUT NOT MORE THAN 20" INTO FOOTING. 5. DO NOT WELD REINFORCING EXCEPT AS NOTED ON PLANS. WHERE REINFORCING IS WELDED, USE ASTM A-706 REINFORCING OR FOLLOW IBC STANDARD 26-8.

SUBMITTALS: A. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FABRICATION FOR "SCANDINAVIAN" LOG FRAMING. B. IF THE SHOP DRAWINGS DIFFER FROM, OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF JURISDICTION. ANY CHANGES TO THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND BE SUBJECT TO REVIEW AND ACCEPTANCE OF THE ENGINEER. C. DESIGN DRAWINGS, SHOP DRAWINGS, AND CALCULATIONS FOR THE DESIGN AND FABRICATION OF ITEMS THAT ARE DESIGNED BY OTHERS, INCLUDING: ROOF JOIST AND FLOOR JOISTS, STAIRS, WINDOW WALL, AND ALL OTHER GLAZING SYSTEMS SHALL BEAR THE SEAL AND SIGNATURE OF A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF JURISDICTION. AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION. CALCULATIONS SHALL BE FOR ALL CONNECTIONS TO THE STRUCTURE. CONSIDERING LOCALIZED EFFECTS ON STRUCTURAL ELEMENTS INDUCED BY CONNECTION LOADS. DESIGN SHALL BE BASED ON THE REQUIREMENTS OF THE CURRENT IBC. D. THE CONTRACTOR SHALL COORDINATE SEISMIC RESTRAINTS OF MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT, AND ASSOCIATED PIPING WITH THE STRUCTURE. ANY CONNECTIONS TO STRUCTURE NOT CONFORMING TO STEEL, METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA), OR SPECIFICALLY DETAILLED ON THE MECHANICAL ENGINEERS DRAWINGS, SHALL BE DESIGNED BY AN ENGINEER REGISTERED IN THE STATE OF JURISDICTION, AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION. E. FIELD ENGINEER DETAILS DEVELOPED BY THE CONTRACTOR THAT DIFFER FROM, OR ADD TO THE STRUCTURAL DRAWINGS SHALL BEAR THE SEAL AND SIGNATURE OF A STRUCTURAL ENGINEER REGISTERED IN THE STATE OF JURISDICTION AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO CONSTRUCTION.

GENERAL: A. NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES. TYPICAL DETAILS AND SPECIFICATIONS. B. CONTRACTOR SHALL COMPARE ALL DIMENSIONS AND CONDITIONS ON DRAWINGS AND AT SITE. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND/OR STRUCTURAL ENGINEER BEFORE PROCEEDING WITH ANY WORK INVOLVED IN CASE OF CONFLICT, FOLLOW THE MOST STRINGENT REQUIREMENT AS DIRECTED BY THE DESIGNER WITHOUT ADDITIONAL COST TO THE OWNER. C. ALL DETAILS, SECTIONS, AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS NOTED OR SHOWN OTHERWISE. D. SHORING AND BRACING REQUIREMENTS: A. FLOOR AND ROOF STRUCTURES: - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE METHOD AND SEQUENCE OF ALL STRUCTURAL ERECTION. HE SHALL PROVIDE TEMPORARY SHORING AND BRACING AS HIS METHOD OF ERECTION REQUIRES TO PROVIDE ADEQUATE VERTICAL AND LATERAL SUPPORT. SHORING AND BRACING SHALL REMAIN IN PLACE AS THE CHOSEN METHOD REQUIRES UNTIL ALL PERMANENT MEMBERS ARE IN PLACE AND ALL FINAL CONNECTIONS ARE COMPLETED, INCLUDING ALL ROOF AND FLOOR ATTACHMENTS. THE BUILDING SHALL NOT BE CONSIDERED STABLE UNTIL ALL CONNECTIONS ARE COMPLETE. B. WALLS ABOVE GRADE SHALL BE BRACED UNTIL THE STRUCTURAL SYSTEM IS COMPLETE. WALLS ARE NOT SELF SUPPORTING. E. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE WITH ALL TRADES ANY AND ALL ITEMS THAT ARE TO BE INTEGRATED INTO THE STRUCTURAL SYSTEM. OPENINGS OR PENETRATIONS THROUGH OR ATTACHMENTS TO THE STRUCTURAL SYSTEM THAT ARE NOT INDICATED ON THESE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND SHALL BE COORDINATED WITH THE ARCHITECT ENGINEER. THE ORDER OF CONSTRUCTION IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. IT IS THE CONTRACTORS OBLIGATION TO PROVIDE ITEMS NECESSARY FOR HIS CHOSEN PROCEDURE. F. OBSERVATION VISITS TO THE SITE BY THE ENGINEER OR THEIR REPRESENTATIVES SHALL NOT BE CONSTRUED AS INSPECTION NOR APPROVAL OF CONSTRUCTION. G. ALL CONSTRUCTION AND INSPECTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE IBC. THE CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTIONS AND SHALL NOT PROCEED WITH THE WORK INVOLVED UNTIL THE INSPECTIONS HAVE BEEN DONE. H. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE IBC. I. THE CONTRACTOR MUST SUBMIT A WRITTEN REQUEST FOR, AND OBTAIN THE ARCHITECT'S AND/OR THE STRUCTURAL ENGINEER'S WRITTEN PRIOR APPROVAL FOR ALL CHANGES, MODIFICATIONS, OMISSIONS AND/OR SUBSTITUTIONS. K. THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS AND ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS AND ARCHITECTURAL DRAWINGS WITH SITE CONDITIONS. L. SEE THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS, DOORS, WINDOWS, NON-BEARING INTERIOR AND EXTERIOR WALLS, ELEVATIONS, SLOPES, STAIRS, CURBS, DRAINS, RECESSES, DEPRESSIONS, RAILINGS, WATERPROOFING, FINISHES, CHAMFERS, KNOBS, ETC. M. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION IN AND AROUND THE JOB SITE AND/OR ADJACENT PROPERTIES. N. CONTRACTOR MUST FIELD VERIFY ALL EXISTING CONDITIONS TO MATCH DETAILS SHOWN ON DRAWINGS. IF ANY CONFLICTING CONDITIONS ARISE DURING CONSTRUCTION, CONTRACTOR SHALL NOTIFY DESIGNER BEFORE PROCEEDING WITH FABRICATION OR CONSTRUCTION. O. THERMAL OR MOISTURE PROTECTION, FURNISHINGS, DOORS, WINDOWS, EQUIPMENT, MECHANICAL, ELECTRICAL, FINISHES, SIDING, PANELING, VENEERS ARE NOT PART OF THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

STRUCTURAL STEEL: 1. STRUCTURAL STEEL SHALL BE FABRICATED AND DIRECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE FOLLOWING: A. STRUCTURAL STEEL FOR BUILDINGS WITH "COMMODITY" AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF AISC" "CODE OF STANDARD PRACTICE" EXCLUDING THE FOLLOWING SECTIONS: 1.5.1, 3.3 (FIRST SENTENCE), 4.2, 4.2.1, 4.2.2, 7.5.4, 7.11.5. C. AISC "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS". 2. STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING: SHAKESPLATES: ASTM A-36 (BLACK) TUBES - ASTM A-500, GRADE B (FY = 46 KSI) POSTS, TIMBERS: ASTM A-36 OR TYPE E OR DEFORMED BAR ANCHORS (DBA) - ASTM A-498 HEADED STUD ANCHORS (HSA) - ASTM A-108 ANCHOR BOLTS (AB) - ASTM A-307 WITH ASTM A-563 HEAVY HEX NUT AND HARDENED WASHERS, GRADE A. 3. ALL OPEN WEB STEEL JOISTS AND GIRDERS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF "STANDARD SPECIFICATIONS AND CODE OF STANDARD PRACTICE" OF THE STEEL JOIST INSTITUTE. 4. CONNECTIONS SHALL COMPLY WITH THE STRUCTURAL DRAWINGS UNLESS WRITTEN APPROVAL TO CHANGE IS GIVEN BY THE STRUCTURAL ENGINEER. 5. ALL SHOP FABRICATION SHALL BE PERFORMED BY AN APPROVED FABRICATOR ACCORDING TO THE IBC. 6. WELDING: A. ALL WELDING AND CUTTING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS. B. USE OF F-700X ELECTRODES UNLESS NOTED OTHERWISE. E60-XK MAY BE USED FOR WELDING STEEL DECKS. C. ALL INTERSECTING STEEL SHAPES WHICH ARE NOT CONNECTED WITH BOLTS SHALL BE WELDED TOGETHER WITH A FILLET WELD ALL AROUND UNLESS NOTED OTHERWISE. WHERE WELD SIZES ARE NOT SHOWN USE THE FOLLOWING: 1) WHERE ALL CONNECTED PARTS ARE THICKER THAN 1/4" WELD SIZE IS 1/4" LESS THAN THE THICKNESS OF THE THINNEST PART. 2) WHERE ANY OF THE CONNECTED PARTS IS LESS THAN 1/4" THICK, WELD SIZE IS SAME AS THICKNESS OF THE THINNEST PART. D. WELDING OF HSA'S AND DBA'S SHALL CONFORM TO THE MANUFACTURER'S SPECIFICATIONS. E. WHEREVER POSSIBLE, WELDS SHALL BE SHOP WELDS. SPECIAL CONSIDERATIONS, SUCH AS ITEMS WHICH MAY NEED ATTENTION AT THE SITE, REQUIRE THAT SOME WELDS BE MADE AT THE SITE. WHERE QUESTIONS OR DISCREPANCIES OCCUR THE CONTRACTOR SHALL COORDINATE THE WORK BETWEEN THE SHOP FABRICATOR AND THE STEEL ERECTOR. 7. BOLTING: A. UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL TO STEEL CONNECTIONS SHALL USE HIGH STRENGTH BOLTS CONFORMING TO ASTM A-325. B. UNLESS NOTED OTHERWISE, ALL BOLTING IS CLASSIFIED AS NON-SLIP CRITICAL BEARING TYPE CONNECTIONS WITH THREADS INCLUDED IN SHEAR PLANE. TIGHTEN BOLTS TO A SNUG TIGHT CONDITION, WITH ALL PLIES OF THE JOINT IN FIRM CONTACT. C. AT OVERSIZE AND SLOTTED HOLES, WASHERS SHALL CONFORM TO ASTM F-436 AND COMPLETELY COVER THE HOLE. D. WHERE A STEEL BEAM TO BEAM CONNECTION IS NOT SHOWN, PROVIDE AN AISC STANDARD FRAME CONNECTION SIZED FOR 1/2 OF THE TOTAL LOAD CAPACITY OF THE BEAM FOR THE SPAN AND STEEL SPECIFIED. FLANGE WIDTH - L STIFFENER THICKNESS WELD SIZE < 8 1/4" 3/4" 3/16" 8 1/4" < 8" < 12 1/2" 3/8" 1/4" 12 1/2" < 8" < 18" 1/2" 5/16"

WOOD FRAMING NOTES: 1. FRAMING LUMBER: DOUGLAS FIR LARCH OR VEM FIR (SURFACED DRY) NOT TO EXCEED 19% MAXIMUM MOISTURE CONTENT, CONFORMING TO THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION IN THE FOLLOWING GRASSES (UNLESS NOTED OTHERWISE ON PLANS): DIMENSIONED LUMBER - BEAMS, JOISTS #2 OR BETTER (F = 405 PSI, FV = 90 PSI, E = 1,600 KSI) ROUGH SAWN - BEAMS, STRINGERS: #1 OR BETTER (F = 1350 PSI, FV = 85 PSI, E = 1,600KSI) POSTS, TIMBERS: #1 OR BETTER (F = 1300 PSI, FV = 85 PSI, E = 1,600 KSI) STUDS: STUDUM-FIR OR D.F.J. (F = 675PSI, Fc = 725 PSI, E = 1,200 KSI) 2. ALL GLUE LAMINATED TIMBER MEMBERS SHALL BE GRADE 24F-V4 FOR SINGLE SPANS, 24F-V8 WHERE SPECIFIED, (RFIF, CONFORMING TO THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (F = 2400 PSI, FV = 105 PSI, E = 1,800 KSI). ALL SCANDINAVIAN WALL PROFILE SUPPLIED BY LOG HOME MANUFACTURER CONFORMS TO L3D (LAMBDA) (F = 3700 PSI, Fc = 165 PSI, E = 3050 PSI) (F = 300 PSI, FV = 150 PSI, E = 1,015,650 PSI) 3. PROVIDE SOLID BLOCKING AT LEAST 1-1/2" THICK AT ENDS AND AT EACH SUPPORT OF JOIST. PROVIDE APPROVED BRIDGING AT A MAXIMUM 8'-0" O.C. BETWEEN SUPPORTS OR AS REQUIRED BY THE JOIST MANUFACTURER. 4. NAILING SHALL CONFORM TO STANDARD NAILING SCHEDULE 2304.9.1 OF THE IBC, UNLESS NOTED OTHERWISE ON PLANS OR SCHEDULES. ALL WALLS SHALL BE COMMON WALL. 5. BUILT-UP BEAMS OF 2X MEMBERS SHALL BE SPIKED TOGETHER WITH 16D SPIKES AT 2'-0" O.C. STAGGERED. USE 2-20 COMMON NAILS AT ALL JOINTS. 6. ALL WOOD BEAMS AND HEADERS SHALL BEAR ON MINIMUM OF TWO CRIPPLE STUDS AT EACH END UNLESS SHOWN OTHERWISE. 7. ALL WOOD POSTS, BUILT-UP COLUMNS SHALL BE CONTINUOUS TO FOUNDATION OR FLOOR. JOISTS, SOLID BLOCK ALL POSTS OR COLUMNS AT FLOOR LEVELS. 8. BUILT-UP COLUMNS SPIKED TOGETHER WITH 16D SPIKES AT 12" O.C. 9. USE SIMPSON STRONG TIE HANGERS FOR ALL FLUSH CONNECTIONS. HANGER TO BE SPECIFIED BY THE TRUSS / JOIST SUPPLIER UNLESS NOTED OTHERWISE ON PLAN. 10. ALL METAL HANGERS AND CONNECTORS SHALL BE "SIMPSON" OR EQUAL. 11. PROVIDE METAL STRAPS ACROSS RIDGE BEAM FOR ROOF JOISTS. 12. SILL PLATES SHALL BE FOUNDATION GRADE REDWOOD OR PRESSURE TREATED DOUGLAS FIR LARCH (F = 625 PSI). WHEN IN CONTACT WITH CONCRETE. 13. SECURE SILL PLATE TO FOUNDATION WITH 5/8" X 12" A.B. #4 @ 6" O.C. UNLESS NOTED OTHERWISE ON PLANS. 14. LOCATION OF log logs and all plan applications with a slab-off steel within 6" of the appliance. 15. The maximum length of clothes dryer duct with 2 - 90 degree elbows is 5 feet. 16. Include heating trunk and branch supply ducts in unfinished attic, crawl spaces, attic and subterranean areas per the R-606. 17. All receptacles serving kitchen countertops, in garages, basements, unfinished basements and outside (exterior) locations shall be GFI protected. 18. Chances for lights in closets must comply with IRC E903.1.1. 19. All closet heaters serving 110 amp outlets in bedrooms shall be AFCI. \*Wang hole size and spacing on veneer detail 23 inches.

FOUNDATION NOTES: 1. ALLOWABLE SOIL PRESSURE USED IN DESIGN = 1500 PSF (ASSUMED) AND TO BE FIELD VERIFIED AS REQUIRED PER THE CITY BY A LICENSED GEOTECHNICAL ENGINEER BEFORE PLACING CONCRETE. 2. ALL FOOTINGS SHALL BEAR 18" MINIMUM INTO ORIGINAL UNDISTURBED EARTH OR ON ENGINEERED FILL COMPACTED TO 95% OF MAXIMUM RELATIVE DENSITY BASED ON ASTM D1557-76. SUCH FILL SHALL BE PLACED IN LAYERS NOT TO EXCEED 6 INCHES IN DEPTH AFTER COMPACTION. 3. NO FOOTINGS SHALL BE PLACED IN WATER OR ON FROZEN GROUND. 4. EXTERIOR WALL FOOTINGS SHALL BEAR AT A MINIMUM DEPTH OF 3'-6" BELOW FINISHED EXTERIOR GRADE. 5. DO NOT PLACE BACKFILL AGAINST FOUNDATION WALLS UNTIL BRACING FLOOR IS IN PLACE OR ADEQUATE SHORING IS INSTALLED. 6. ALL FOUNDATION WALLS ARE 8" THICK UNLESS NOTED OTHERWISE ON PLAN. REFER TO CONCRETE NOTES AND PLANS FOR WALL REINFORCEMENT, TYPE, AND SIZE OF ANCHORS REQUIRED.

ROOFING: R 703.7.3 STEEL LINTELS SHALL BE SHOP COATED WITH A RUST-INHIBITIVE PAINT, EXCEPT FOR LINTELS MADE OF CORROSION-RESISTANT STEEL. R 317.1.5 STRUCTURAL LAMINATED TIMBERS THAT ARE NOT COVERED BY A ROOF SHALL BE TREATED WITH PRESERVATIVE. R 602.11.1 A3" SQUARE WASHER IS REQUIRED FOR WALL ANCHORAGE, THIS WILL REQUIRE A ROUND CUT WASHER BETWEEN SQUARE WASHER AND NUT. EXCEPTION: COMPLETE ENCLOSURE MAY BE OMITTED WHERE THE UNDERSIDE OF ALL EXPOSED FLOORS AND ALL EXPOSED STRUCTURAL COLUMNS, BEAMS AND SUPPORTING WALLS ARE PROTECTED AS REQUIRED EXTERIOR 1-HOUR FIRE - RESISTANCE-RATED CONSTRUCTION OR HEAVY TIMBER CONSTRUCTION. ATTIC VENTILATION OPENINGS, SOFFIT VENTS, FOUNDATION OR UNDERFLOOR VENTS OR OTHER VENTILATION OPENINGS IN VERTICAL EXTERIOR WALLS AND VENTS THROUGH ROOFS SHALL NOT EXCEED 144 SQUARE INCHES (0.0929 M2) EACH. SUCH VENTS SHALL BE COVERED WITH NONCOMBUSTIBLE CORROSION-RESISTANT MESH WITH OPENINGS NOT TO EXCEED 1/4" (6.4 MM).

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ADDITIONAL NOTES

N1102.4.1.1 (R402.4.1.1) Installation. The components of the building thermal envelope as listed in Table N1102.4.1.1 shall be installed in accordance with the manufacturer's instructions and the criteria listed in Table N1102.4.1.1, as applicable to the method of construction. Where required by the building official, an approved third party shall inspect all components and verify compliance.

TABLE N1102.4.1.1 (402.4.1.1) AIR BARRIER AND INSULATION INSTALLATION

Table with 3 columns: COMPONENT, AIR BARRIER CRITERIA, INSULATION INSTALLATION CRITERIA. Rows include: General requirements, Ceiling/attic, Walls, Windows, skylights and doors, Rim joists, Floors (including above garage and cantilevered floors), Crawl space walls, Shafts, penetrations, Narrow cavities, Garage separation, Recessed lighting, Plumbing and wiring, Electrical/phone box on exterior walls, HVAC register boots, Concealed sprinklers.

a. In addition, inspection of log walls shall be in accordance with the provisions of ICC 400.

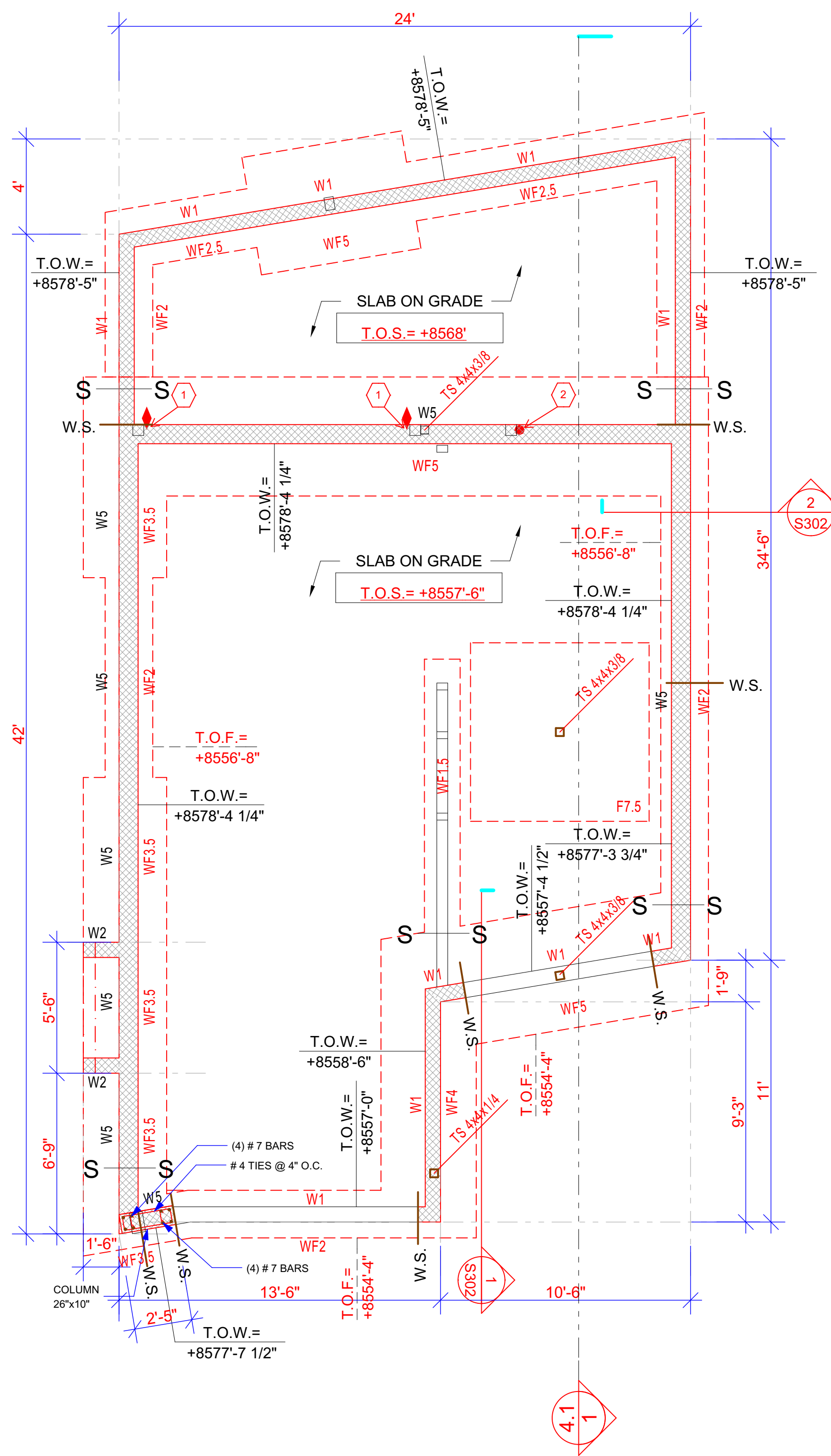
SECTION M1505 OVERHEAD EXHAUST HOODS

M1505.1 General. Domestic open-top broiler units shall have a metal exhaust hood, having a minimum thickness of 0.0157-inch (0.3950 mm) (No. 28 gage) with 1/4 inch (6.4 mm) clearance between the hood and the underside of combustible material or cabinets. A clearance of or less than 24 inches (610 mm) shall be maintained between the cooking surface and the combustible material or cabinet. The hood shall be not less than the width of the broiler unit, extend over the entire unit, discharge to the outdoors and be equipped with a backdraft damper or other means to control infiltration/exfiltration when not in operation. Broiler units incorporating an integral exhaust system, and listed and labeled for use without an exhaust hood, need not have an exhaust hood.

SECTION M1506 EXHAUST DUCTS AND EXHAUST OPENINGS

M1506.1 Duct construction. Where exhaust duct construction is not specified in this chapter, construction shall comply with Chapter 16.

M1506.2 Duct length. The length of exhaust and supply ducts used with ventilating equipment shall not exceed the lengths determined in accordance with Table M1506.2.



**1 S1 FOOTING AND FOUNDATION PLAN**

- FOUNDATION KEYED NOTES**
- 1 HDU14 ATTACHED TO SAME ROD AND SAME POST OFFSET ON POST BY 30". EMBED 1" THREADED ROD 60" INTO FOUNDATION WALL. PROVIDE 3"x3" PLATE WASHER WITH NUTS AT EMBEDDED END OF ROD. 6"x6" POST MIN.
  - 2 HDU11 EMBED 1" ANCHOR ROD 42" INTO FOUNDATION WALL. PROVIDE 3"x3" PLATE WASHER WITH NUTS AT EMBEDDED END OF ROD.
  - 3 ATTACH BEAM TO CONCRETE WALL WITH (2) 3/4" SIMPSON TITEN HD ANCHORS @ 12" O.C. (7' LONG)
- R403.1.6. FOUNDATION BOLTS SHALL BE LOCATED IN THE MIDDLE THIRD OF THE WIDTH OF THE PLATE.

**REFER TO S2 FOR HOLDOWNS**

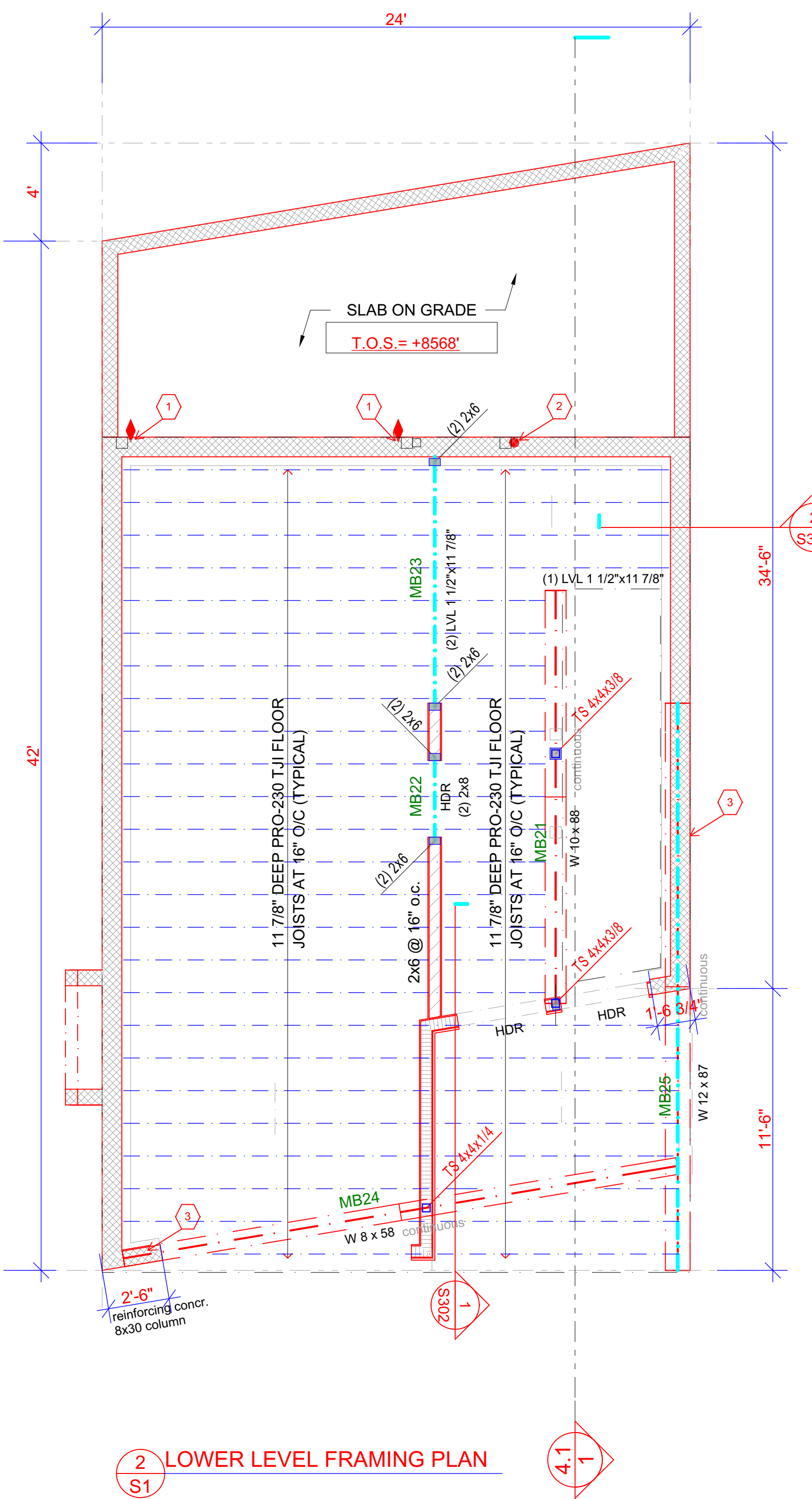
**FOOTING SCHEDULE**

MARK	SIZE WIDTHxTHICKxLENGTH	REINFORCING LONG.	REINFORCING TRANS.	REMARKS
WF1.5	1'-6"x10"xCONT.	2-#4	-	
WF2	2'-0"x10"xCONT.	2-#4	-	
WF2.5	2'-6"x10"xCONT.	3-#4	-	
WF3	3'-0"x10"xCONT.	4-#4	-	
WF3.5	3'-6"x10"xCONT.	4-#4	#4 @ 12"	
WF4	4'-0"x10"xCONT.	5-#4	#4 @ 10"	
WF4.5	4'-6"x12"xCONT.	5-#5	#5 @ 12"	
WF5	5'-0"x12"xCONT.	6-#5	#5 @ 12"	
WF6	6'-0"x12"xCONT.	7-#5	#5 @ 12"	
F3	3'-0"x10"x3'-0"	4-#4	4-#4	
F3.5	3'-6"x10"x3'-6"	4-#4	4-#4	
F4	4'-0"x12"x4'-0"	5-#5	5-#5	
F4.5	4'-6"x12"x4'-6"	5-#5	5-#5	
F5	5'-0"x12"x5'-0"	6-#5	6-#5	
F5.5	5'-6"x12"x5'-6"	6-#5	6-#5	
F6	6'-0"x12"x6'-0"	7-#5	7-#5	
F6.5	6'-6"x12"x6'-6"	8-#5	8-#5	
F8	8'-0"x14"x8'-0"	11-#5	11-#5	
F4x5	4'-0"x12"x5'-0"	5-#4	6-#5	
F5x7	5'-0"x12"x7'-0"	6-#5	8-#5	
FM	MAT FOOTING	#4 OR #5 @ 12" ON CENTER	#4 OR #5 @ 12" ON CENTER	MATCH ADJACENT FOOTING THICKNESS AND BAR SIZE. REFER TO PLAN FOR SIZE

**FOUNDATION WALL SCHEDULE**

WALL TYPE	THICKNESS	BARS	B DOWELS	C BARS	D BARS	E BARS	CORNER BARS
W1	8"	#4 @ 18"	#4 @ 18"	#4 @ 18"	#4 @ 18"	#4 @ 12"	#4 @ 24"
W2	8"	#4 @ 12"	#4 @ 12"	#4 @ 12"	#4 @ 18"	#4 @ 12"	#4 @ 12"
W3	8"	#5 @ 12"	#5 @ 12"	#4 @ 12"	#4 @ 18"	#4 @ 12"	#5 @ 10"
W4	10"	#5 @ 12"	#6 @ 12"	#4 @ 12"	#4 @ 18"	#4 @ 12"	#6 @ 12"
W5	10"	#5 @ 12"	#5 @ 12"	#5 @ 18"	#5 @ 18"	#5 @ 18"	#5 @ 18"
W6	10"	#5 @ 9"	#5 @ 9"	#5 @ 18"	#5 @ 18"	#5 @ 12"	#5 @ 12"

- NOTE: ANCHOR BOLTS DO NOT ALWAYS OCCUR. RE: DETAILS**
- FOUNDATION PLAN NOTES**
- ALLOWABLE SOIL PRESSURE USED IN DESIGN = 1500 PSF. (ASSUMED) AND TO BE FIELD VERIFIED AS REQUIRED PER THE CITY BY A LICENSED GEOTECHNICAL ENGINEER BEFORE PLACING CONCRETE.
  - REFER TO ARCHITECTURAL FOR TOP OF SLAB ELEVATION DENOTED T.O.S.
  - VERIFY WITH ARCHITECTURAL PLANS ALL STEPS IN SLAB.
  - SLAB ON GRADE SHALL BE 4" CONCRETE OVER 4" FREE DRAINING GRAVEL. REINFORCE SLAB W/ 6x6xW1.4 WWF OR #4 AT 24" O/C EACH WAY U.N.O.
  - FOOTING ELEVATIONS SHOWN ARE APPROXIMATE AND MAY VARY DUE TO ACTUAL SITE ELEVATIONS AND CONDITIONS.
  - FOOTING TYPES NOTED THUS "F-X" AND "WF-X" REFER TO SCHEDULE FOR SIZE AND REINFORCEMENT. REFER TO PLAN AND SECTIONS FOR TOP OF FOOTING ELEVATION.
  - CENTER FOOTINGS ON WALLS AND COLUMNS UNLESS DIMENSIONED OTHERWISE ON PLANS.
  - "T.O.W." DENOTES TOP OF WALL ELEVATION.
  - "T.O.F." DENOTES TOP OF FOOTING ELEVATION.
  - "W.S." DENOTES FOUNDATION WALL STEPS.
  - "W1" DENOTES FOUNDATION WALL TYPE.
  - ALL FOUNDATIONS ARE TYPE "W1" WALLS UNLESS NOTED OTHERWISE.
  - "S" DENOTES FOOTING STEP. REFER TO DETAIL G/S300.
  - REFER TO GENERAL NOTES ON SHEET S0 FOR ADDITIONAL INFORMATION.
  - CONTOURS AND EXTERIOR GRADE ELEVATIONS ON SITE PLAN ARE APPROXIMATE ALL FINAL GRADES SHALL BE FIELD VERIFIED.
  - AROUND OPENINGS LARGER THAN 12" IN ANY DIRECTION IN CONCRETE WALLS, ADD (2) #4 BARS ALL SIDES IN ADDITION TO REGULAR WALL REINFORCING AND EXTEND 24" EACH WAY BEYOND OPENING. WHERE 24" IS NOT AVAILABLE, EXTEND BARS AS FAR AS POSSIBLE AND TERMINATE WITH A STANDARD HOOK.



**2 S1 LOWER LEVEL FRAMING PLAN**

**SHEAR WALL SCHEDULE**

TYPE	MATERIAL	EDGE NAILING	SILL PLATE ANCHORS	REMARKS
1	7/16" APA	8d @ 6" O/C	16d COMMON @ 6" O/C OR 5/8" AT 32"	A,B,C,D -260 pf
2	7/16" APA	8d @ 4" O/C	16d COMMON @ 4" O/C OR 5/8" AT 32"	A,B,C,D -350 pf
3	7/16" APA	8d @ 3" O/C	16d COMMON @ 3" O/C OR 5/8" AT 32"	A,B,C,D,E -490 pf
4	7/16" APA	8d @ 2" O/C	16d COMMON @ 3" O/C OR 5/8" AT 24"	A,B,C,D,E -600 pf
5	7/16" APA Both sides	8d @ 3" O/C	SDS25500 @ 3" O/C OR 5/8" AT 16"	A,B,C,D,E
6	15/32" APA STRUCTURAL	10d @ 2" O/C	(2)SDS25500 @ 3" O/C OR 5/8" AT 8"	A,B,C,D,E

- NOTES**
- LVL DENOTES 1.9E MICROLAM BY TRUS JOIST MACMILLAN OR EQUIVALENT.
  - DECK LEDGER BOARDS MUST BE TRATED WHEN USING TJI, BCI or LPI RIM BOARDS.
  - ALL SHEATHING SHALL BE CDX STRUCTURAL 1 OR 11 A.P.A. RATED SHEATHING WITH ALL EDGES BLOCKED
  - ALL NAILS SHALL BE 'COMMON' TYPE UNLESS OTHERWISE NOTED. NAILS SHALL BE LOCATED AT LEAST 3/8" FROM PANEL EDGES. DO NOT PENETRATE SHEATHING WITH NAIL HEADS. NAIL INTERMEDIATE SUPPORTS WITH 8d AT 12" O.C.
  - ALL HARDWARE SHALL BE 'SIMPSON STRONG TIE' OR APPROVED EQUAL.
  - ALL SILL PLATES SHALL BE 2x PRESSURE TREATED D.F. UNLESS OTHERWISE NOTED WITH A MINIMUM OF 2 A.B. PER PLATE. ONE A.B. WITHIN 12" FROM EA. END.
  - USE MINIMUM 3x STUDS AT ALL ADJOINING (ABUTTING) EDGES. EDGE NAILING SHALL BE STAGGERED. (2) 2x NAILED TOGETHER WIRTH 16d COMMON NAILS @ 4" O.C. MAY BE SUBSTITUTED FOR 3x.
  - USE SIMPSON SB 5/8" x 24" EMBED 18" MIN. INTO STEM WALL -> FOR STEM WALL INSTALLATION.
  - 3" MINIMUM POST
  - 5 1/2" MINIMUM POST
  - USE SIMPSON SB 1" x 30" EMBED 14" MIN. INTO STEM WALL -> FOR STEM WALL INSTALLATION.
  - USE SIMPSON SB 7/8" x 24" EMBED 18" MIN. INTO STEM WALL

**FLOOR BEAM SCHEDULE**

MARK	STEEL, GLULAM, LVL OR SAWN BEAMS
MB21	STEEL W10 x 88
MB22	(2) 2 x 8
MB23	LVL (2) 1 1/2" x 11 7/8"
MB24	STEEL W8 x 58
MB25	STEEL W12 x 87

(\*) TIE MULTIPLE PLY MEMBERS TOGETHER (DTL 2/S2)

**STUD HEIGHT CHART**

STUD	GRADE	SPACING	MAX HT.	LOCATION	NOTES
2x6	STUD	16" O.C.	10'-0"	EXTERIOR	
2x6	STUD	12" O.C.	14'-0"	EXTERIOR	
2x6	DFLN #2	12" O.C.	16'-0"	EXTERIOR	

- FRAMING PLAN NOTES**
- ALL BEAMS TO BEAR ON MINIMUM OF (2) CRIPPLE STUDS U.N.O. ON PLAN. TYPICAL 2"x10" HEADERS MAY BEAR ON ONE CRIPPLE STUD.
  - TYPICAL HEADER SIZE IN 2x FRAMED BEARING WALLS, DENOTED AS HDR, SHALL BE MINIMUM (3) 2"x10" OR 3-1 1/2"x7 1/2" LVL, UNLESS SHOWN OTHERWISE ON PLANS.
  - SHEAR WALL TYPES AND LOCATION ARE DENOTED THUS: 1 ON PLAN. SEE SCHEDULE INTERIOR SHEAR WALLS ARE DENOTED THUS: 1 ON PLAN.
  - ALL EXTERIOR WALLS SHALL BE TYPE 1 SHEAR WALL CONSTRUCTION UNLESS NOTED OTHERWISE.
  - REFER TO DETAILS, GENERAL STRUCTURAL NOTES AND SHEAR WALL SCHEDULE FOR TYPICAL SHEAR WALL/BEARING WALL CONSTRUCTION.
  - REFER TO GENERAL STRUCTURAL NOTES SHEET S0 FOR ADDITIONAL INFORMATION.
  - WHERE ROCK VENEER OCCURS REFER TO DETAIL R/S300.
  - TRUSSES LABELED TO MATCH THE TRUSS MANUFACTURE'S ENGINEERING.
  - SCANDINAVIAN PROFILE SHEAR WALL TYPES AND LOCATION ARE DENOTED THUS: 1 ON PLAN. SEE SCHEDULE INTERIOR SCANDINAVIAN PROFILE SHEAR WALLS ARE DENOTED THUS: 1 ON PLAN.
  - ALL EXTERIOR SCANDINAVIAN PROFILE WALLS SHALL BE TYPE 1 SHEAR WALL CONSTRUCTION UNLESS NOTED OTHERWISE.

**HOLD DOWNS**

TYPE	NOTES	ANCHOR SIZE	ANCHOR EMBEDMENT INTO FDN. WALL
1	(2) SIMPSON HDU14-SDS2.5	H. 1"	60"
2	SIMPSON HDU11 - SDS2.5	H. J. 1"	42"
3	SIMPSON HDU5 - SDS2.5	F. G. 5/8"	9"
4	SIMPSON HDU8 - SDS2.5	H. K. 7/8"	10 1/2"
5	SIMPSON STHD14		



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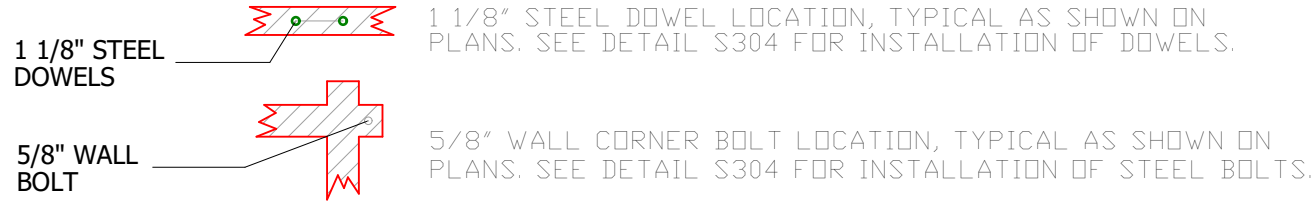
**ARCHITECTURAL OFFICE**  
 Company Name: Scandinavian LLC  
 Address: 6410 N. Business Park Loop Rd. Unit E  
 Phone: 435-913-0555  
 Fax:   
 Project No:   
 Cad File:   
 Drawn:   
 Checked:   
 Date:

**A New Residence:**  
**BLAKE KINGSBURY AND MERRIT CHESSON**  
 Summit Powder Mountain, Lot # 70  
 8492 E. Spring Park, Utah

**BUILDER**  
 Company Name:   
 Address:   
 Park City, Utah 84098  
 Phone:   
 Fax:   
 Drawing Date: 06-21-2018  
 Scale: 1/4" = 1'-0"  
 Title: FOUNDATION & FOOTING PLAN  
 LOWER LEVEL FRAMING PLAN  
 BUILDER/DEALER'S APPROVAL:   
 Signature and Date:   
 Date:

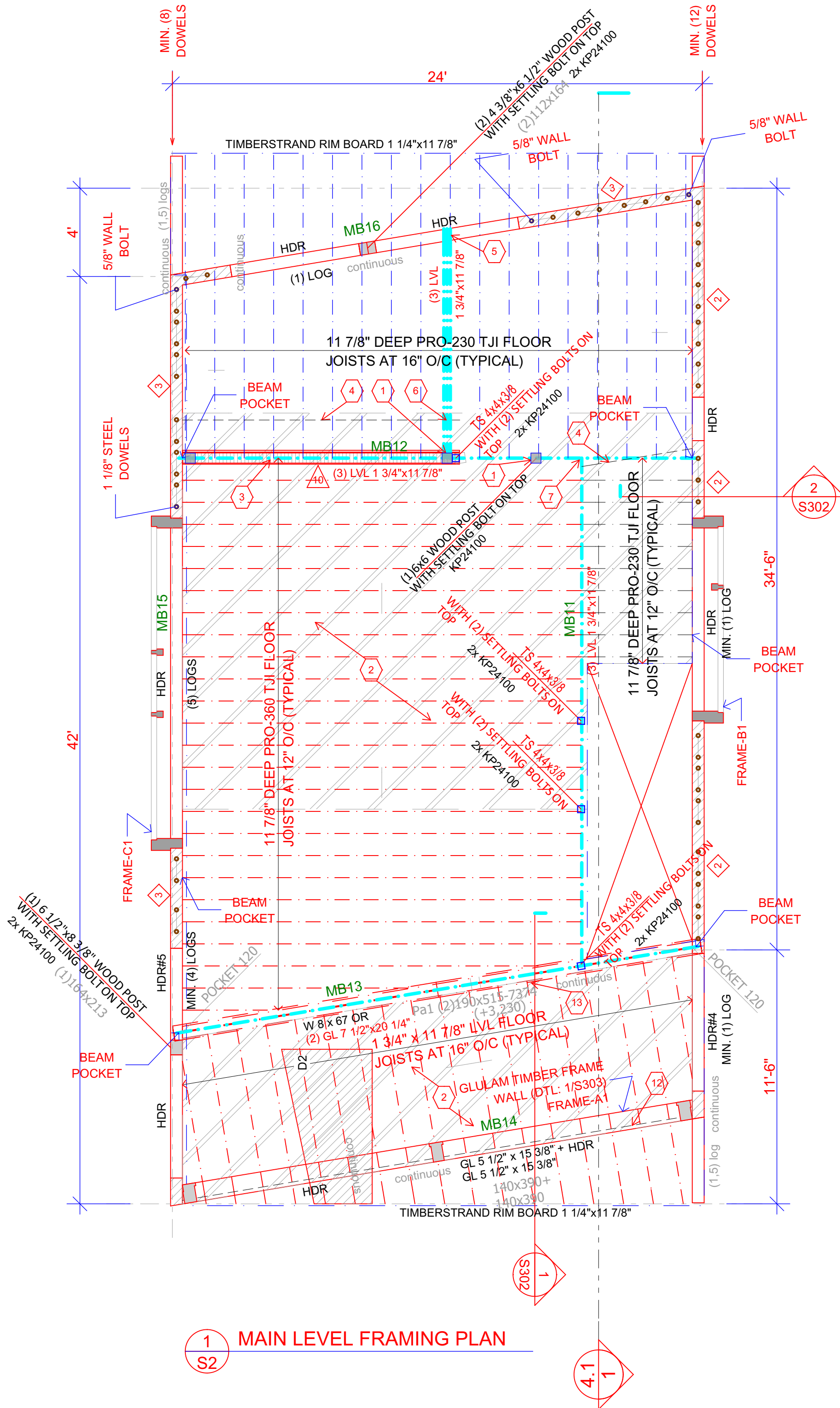
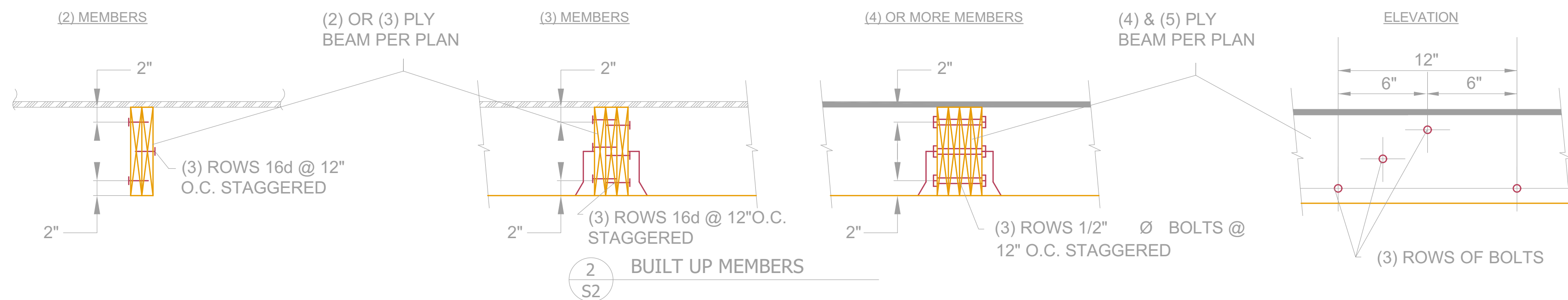
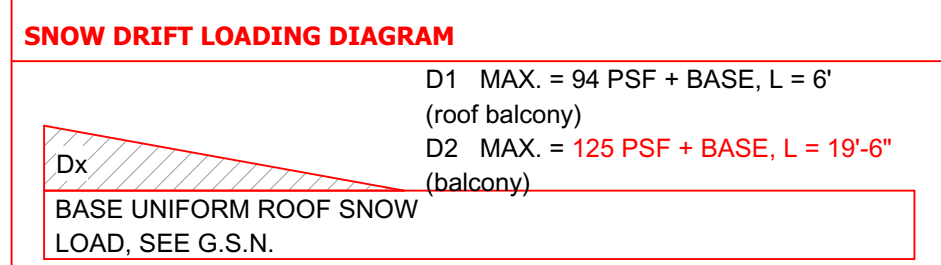
SHEAR (SCANDINAVIAN WALL SYSTEM) WALL SCHEDULE				
TYPE	STEEL PIPES NOTE! EACH LOG COURSE	ANCHOR BOLTS	REMARKS	BOTTOM COURSE SCREWS
1	LOCATION OF THE WALL DRAWINGS	5/8" AT 24"	C,D	(2) 13" x 1/2" SCREWS AT 24"
2	LOCATION OF THE WALL DRAWINGS	5/8" AT 16"	C,D	(2) 13" x 1/2" SCREWS AT 12"
3	LOCATION OF THE WALL DRAWINGS	5/8" AT 8"	C,D,E	(2) 13" x 1/2" SCREWS AT 8"

Note! MIN. 3"x3" PLATE WASHERS ON ANCHOR BOLTS



KEYED NOTES:

- 1 STRAP BEAM TO POST W/66" CMST12. WRAP AROUND BEAM. FILL ALL HOLES W/ 16d NAILS.
- 2 BLOCKED DIAPHRAGM W/ 10d NAILS @ 2" O.C. AT ALL PANELS EDGES.
- 3 NAIL FLOOR SHEATHING TO BEAM W/ 10d @ 2" O.C. ATTACH BEAM TO SHEAR WALL BELOW WITH A35 @ 12" O.C.
- 4 FULL HEIGHT SOLID BLOCKING BELOW SHEAR WALL.
- 5 STRAP BEAM TO POST W/40" CMST16. WRAP AROUND BEAM. FILL ALL HOLES W/ 16d SINKER NAILS.
- 6 (3) 2x POST ABOVE, STRAP BEAM TO POST W/66" CMST12. WRAP AROUND BEAM. FILL ALL HOLES W/ 16d NAILS.
- 7 HHGU.50-SDS HANGER.
- 8 MSTC52 HOLD DOWN, WRAP AROUND BEAM.
- 9 HDU 11 - WELD ROD TO STEEL BEAM, PROVIDE 3/8" WEB STIFFENERS.
- 10 ATTACH POST AT END OF SHEAR WALL DIRECTLY TO LOG WALL WITH SDS25600 @ 4" O.C.
- 11 UPSIDE DOWN HGU7.00-SDS W/ ADDITIONAL 30" CS14 ACROSS THE TOP OF BOTH BEAMS TO PREVENT ROLLING.
- 12 FULL HEIGHT SOLID BLOCKING. NAIL FLOOR SHEATHING W/ 10d @ 2" O.C. ATTACH BLOCKING TO SHEAR WALL BELOW WITH A35 @ 12" O.C.
- 13 2x12 LEDGER W/ (3) SDWS22400DB SCREWS @ 12" O.C. - USE MIU2.37/11.88 HANGERS.



SHEAR WALL SCHEDULE				
TYPE	MATERIAL	EDGE NAILING	SILL PLATE ANCHORS	REMARKS
SW1	7/16" APA	8d @ 6" D/C	16d COMMON @ 6" O.C. OR 5/8" AT 32"	A,B,C,D @ 260 pf
SW2	7/16" APA	8d @ 4" D/C	16d COMMON @ 4" O.C. OR 5/8" AT 32"	A,B,C,D @ 350 pf
SW4	7/16" APA	8d @ 3" D/C	16d COMMON @ 3" O.C. OR 5/8" AT 32"	A,B,C,D,E @ 490 pf
SW5	7/16" APA	8d @ 2" D/C	16d COMMON @ 2" O.C. OR 5/8" AT 24"	A,B,C,D,E @ 600 pf
SW7	7/16" APA Both sides	8d @ 3" D/C	SDS25500 @ 3" O.C. OR 5/8" AT 16"	A,B,C,D,E
SW10	15/32" APA STRUCTURAL	10d @ 2" D/C	(2) SDS25500 @ 3" O.C. OR 5/8" AT 8"	A,B,C,D,E

- NOTES:
1. LVL DENOTES 1.9E MICROLAM BY TRUS JOIST MACMILLAN OR EQUIVALENT.
  2. DECK LEDGER BOARDS MUST BE TRATED WHEN USING TJI, BCI or LPI RIM BOARDS.
- A: ALL SHEATHING SHALL BE CDX STRUCTURAL 1 OR 11 A.P.A. RATED SHEATHING WITH ALL EDGES BLOCKED
- B: ALL NAILS SHALL BE 'COMMON' TYPE UNLESS OTHERWISE NOTED. NAILS SHALL BE LOCATED AT LEAST 3/8" FROM PANEL EDGES. DO NOT PENETRATE SHEATHING WITH NAIL HEADS. NAIL INTERMEDIATE SUPPORTS WITH 8d AT 12" O.C.
- C: ALL HARDWARE SHALL BE 'SIMPSON STRONG TIE' OR APPROVED EQUAL.
- D: ALL SILL PLATES SHALL BE 2x PRESSURE TREATED D.F. UNLESS OTHERWISE NOTED WITH A MINIMUM OF 2 A.B. PER PLATE. ONE A.B. WITHIN 12" FROM EA. END.
- E: USE MINIMUM 3x STUDS AT ALL ADJOINING (ABUTTING) EDGES. EDGE NAILING SHALL BE STAGGERED. (2) 2x NAILED TOGETHER WITH 16d COMMON NAILS @ 4" O.C. MAY BE SUBSTITUTED FOR 3x.
- F: USE SIMPSON SB 5/8" x 24" EMBED 18" MIN. INTO STEM WALL -> FOR STEM WALL INSTALLATION.
- G: 3" MINIMUM POST
- H: 5 1/2" MINIMUM POST
- J: USE SIMPSON SB 1" x 30" EMBED 14" MIN. INTO STEM WALL -> FOR STEM WALL INSTALLATION.
- K: USE SIMPSON SB 7/8" x 24" EMBED 18" MIN. INTO STEM WALL

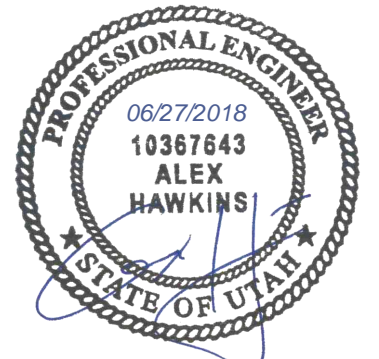
FLOOR BEAM SCHEDULE	
MARK	GLULAM (FIN), LVL OR SAWN BEAMS
MB11	LVL (3) 1 3/4" x 11 7/8"
MB12	LVL (3) 1 3/4" x 11 7/8"
MB13	STEEL W8 x 67 DR (2) GL 7 1/2"x20 1/4"
MB14	GL (FIN) (1) 5 1/2"x15 3/8"+ GL (FIN) (1) 5 1/2"x15 3/8"
MB15	GLULAM LOGS (5) 6 1/2"x10 1/4"
MB16	GLULAM LOG (1) 6 1/2"x10 1/4"

(\*) TIE MULTIPLE PLY MEMBERS TOGETHER (DTL 2/S2)

STUD HEIGHT CHART				
STUD	GRADE	SPACING	MAX HT.	LOCATION NOTES
2x6	STUD	16" D.C.	10'-0"	EXTERIOR
2x6	STUD	12" D.C.	14'-0"	EXTERIOR
2x6	DFLN #2	12" D.C.	16'-0"	EXTERIOR

- FRAMING PLAN NOTES**
1. ALL BEAMS TO BEAR ON MINIMUM OF (2) CRIPPLE STUDS U.N.O. ON PLAN. TYPICAL 2"x10" HEADERS MAY BEAR ON ONE CRIPPLE STUD.
  2. TYPICAL HEADER SIZE IN 2x FRAMED BEARING WALLS, DENOTED AS HDR, SHALL BE MINIMUM (3) 2"x10" OR 3-1 1/2"x7 1/2" LVL, UNLESS SHOWN OTHERWISE ON PLANS.
  3. SHEAR WALL TYPES AND LOCATION ARE DENOTED THUS: ON PLAN. SEE SCHEDULE. INTERIOR SHEAR WALLS ARE DENOTED THUS: ON PLAN.
  4. ALL EXTERIOR WALLS SHALL BE TYPE SHEAR WALL CONSTRUCTION UNLESS NOTED OTHERWISE.
  5. REFER TO DETAILS, GENERAL STRUCTURAL NOTES AND SHEAR WALL SCHEDULE FOR TYPICAL SHEAR WALL/BEARING WALL CONSTRUCTION.
  6. REFER TO GENERAL STRUCTURAL NOTES SHEET S0 FOR ADDITIONAL INFORMATION.
  7. WHERE ROCK VENEER OCCURS REFER TO DETAIL R/S300.
  8. TRUSSES LABELED TO MATCH THE TRUSS MANUFACTURER'S ENGINEERING.
  9. SCANDINAVIAN PROFILE SHEAR WALL TYPES AND LOCATION ARE DENOTED THUS: ON PLAN. SEE SCHEDULE. INTERIOR SCANDINAVIAN PROFILE SHEAR WALLS ARE DENOTED THUS: ON PLAN.
  10. ALL EXTERIOR SCANDINAVIAN PROFILE WALLS SHALL BE TYPE SHEAR WALL CONSTRUCTION UNLESS NOTED OTHERWISE.

HOLD DOWNS				
TYPE	NOTES	ANCHOR SIZE	ANCHOR EMBEDMENT INTO FDN. WALL	
	= (2) SIMPSON HDU14-SDS2.5	H. 1"	60"	
	= SIMPSON HDU11 - SDS2.5	H. J. 1"	42"	
	= SIMPSON HDU5 - SDS2.5	F. G. 5/8"	9"	
	= SIMPSON HDU8 - SDS2.5	H. K. 7/8"	10 1/2"	
	= SIMPSON STD14			

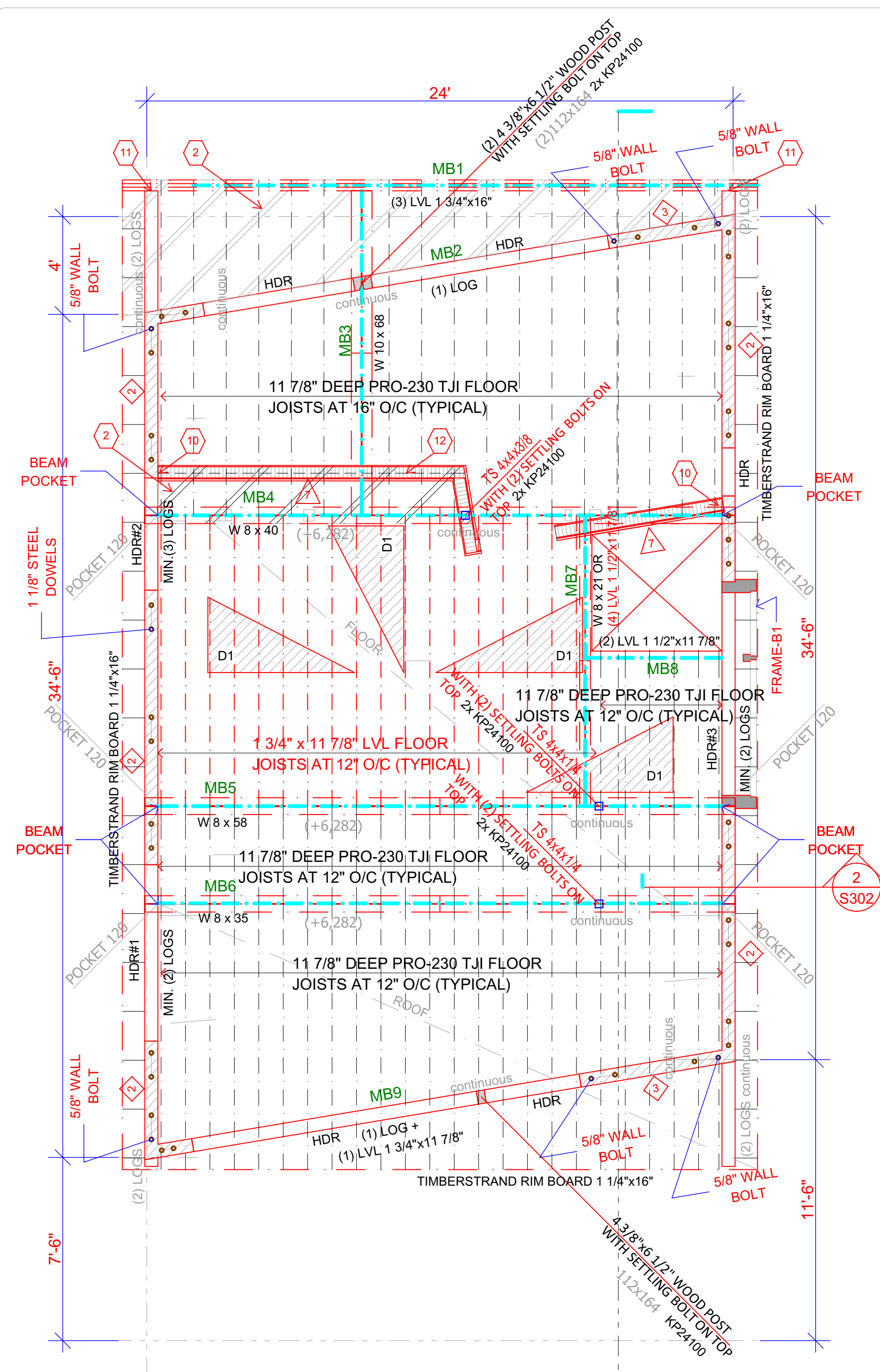


A New Residence:  
**BLAKE KINGSBURY AND MERRIT CRESSON**  
 Summit Powder Mountain, Lot # 70  
 8492 E. Spring Park, Utah

**SCANDINAVIAN LLC**

ARCHITECTURAL OFFICE  
 Company Name: Scandinavian LLC  
 Address: 6410 N. Business Park Loop Rd. Unit E  
 Phone: 435-513-0355  
 Fax:  
 Project No:  
 Cad File:  
 Drawn:  
 Checked:

Drawing Date: 06-21-2018  
 Scale: 1/4" = 1'-0"  
**MAIN LEVEL FRAMING PLAN**  
 BUILDER/DEALER'S APPROVAL:  
 Signature and Date:

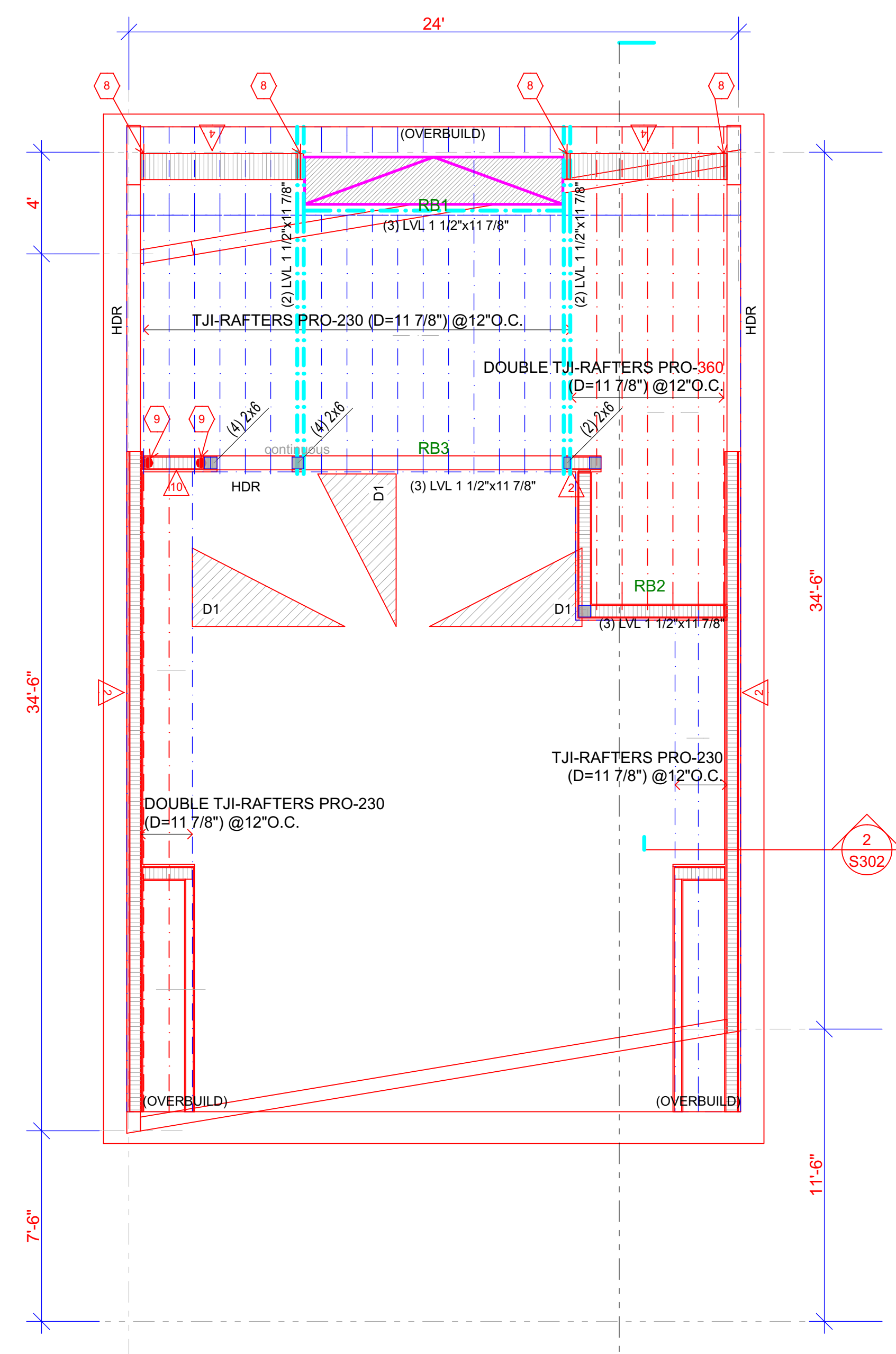


1 UPPER LEVEL FRAMING PLAN

### FLOOR BEAM SCHEDULE

MARK	GLULAM (FIN), LVL OR SAWN BEAMS
MB1	LVL (3) 1 3/4" x 16"
MB2	GLULAM LDG (1) 6 1/2" x 10 1/4"
MB3	STEEL W10 x 68
MB4	STEEL W8 x 40
MB5	STEEL W8 x 58
MB6	STEEL W8 x 35
MB7	STEEL W8 x 21 OR (4) LVL 1 1/2" x 11 7/8"
MB8	LVL (2) 1 1/2" x 11 7/8"
MB9	LVL (1) 1 3/4" x 11 7/8" + GLULAM LDG (1) 6 1/2" x 10 1/4"

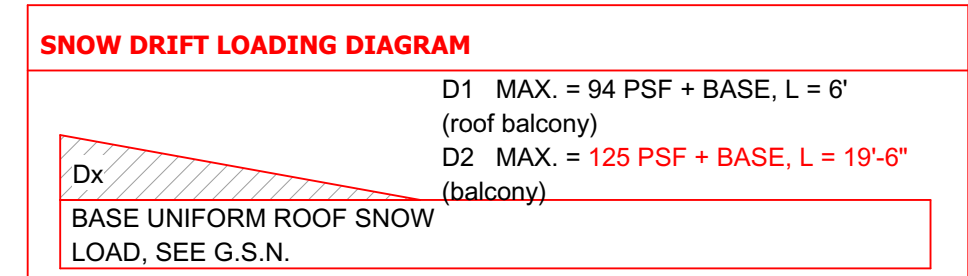
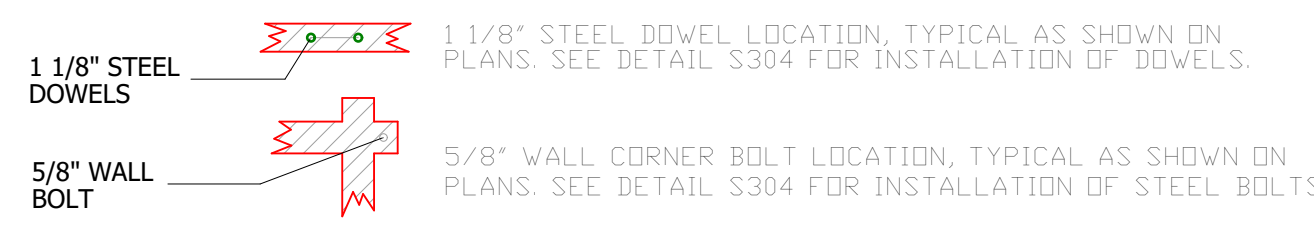
(\*) TIE MULTIPLE PLY MEMBERS TOGETHER (DTL 2/S2)



2 ROOF FRAMING PLAN

### WALL SCHEDULE (SCANDINAVIAN WALL SYSTEM)

TYP	STEEL PIPES NOTE: EACH LOG COURSE	ANCHOR BOLTS	REMARK	BOTTOM COURSE SCREWS
1	LOCATION OF THE WALL DRAWINGS	5/8" AT 24"	C,D	(2) 13" x 1/2" SCREWS AT 24"
2	LOCATION OF THE WALL DRAWINGS	5/8" AT 16"	C,D	(2) 13" x 1/2" SCREWS AT 12"
3	LOCATION OF THE WALL DRAWINGS	5/8" AT 8"	C,D,E	(2) 13" x 1/2" SCREWS AT 8"



ROOFING:  
ICE BARRIER AT LEAST 24" INSIDE THE INSIDE THE EXTERIOR WALL LINE OF THE BUILDING. R905.2.7.1

### SHEAR WALL SCHEDULE

TYPE	MATERIAL	EDGE NAILING	SILL PLATE ANCHORS	REMARKS
SW1	7/16" APA	8d @ 6" O.C	16d COMMON @ 6" O.C OR 5/8" AT 32"	A,B,C,D
SW2	7/16" APA	8d @ 4" O.C	16d COMMON @ 4" O.C OR 5/8" AT 32"	A,B,C,D
SW4	7/16" APA	8d @ 3" O.C	16d COMMON @ 3" O.C OR 5/8" AT 32"	A,B,C,D,E
SW5	7/16" APA	8d @ 2" O.C	16d COMMON @ 2" O.C OR 5/8" AT 32"	A,B,C,D,E
SW7	7/16" APA	Both sides	SDS25600 @ 3" O.C OR 5/8" AT 16"	A,B,C,D,E
SW10	15/32" APA STRUCTURAL	10d @ 2" O.C	(2) SDS25600 @ 3" O.C OR 5/8" AT 6"	A,B,C,D,E

- NOTES
- LVL DENOTES 1.9E MICROLAM BY TRUS JOIST MACMILLAN OR EQUIVALENT.
  - DECK LEDGER BOARDS MUST BE TRATED WHEN USING TJI, BCI OR LPI RIM BOARDS.
  - ALL SHEATHING SHALL BE CDX STRUCTURAL 1 OR 11 A.P.A. RATED SHEATHING WITH ALL EDGES BLOCKED
  - ALL NAILS SHALL BE 'COMMON' TYPE UNLESS OTHERWISE NOTED. NAILS SHALL BE LOCATED AT LEAST 3/8" FROM PANEL EDGES. DO NOT PENETRATE SHEATHING WITH NAIL HEADS. NAIL INTERMEDIATE SUPPORTS WITH 8d AT 12" O.C.
  - ALL HARDWARE SHALL BE 'SIMPSON STRONG TIE' OR APPROVED EQUAL.
  - ALL SILL PLATES SHALL BE 2x PRESSURE TREATED D.F. UNLESS OTHERWISE NOTED WITH A MINIMUM OF 2 A.B. PER PLATE. ONE A.B. WITHIN 12" FROM EA. END.
  - USE MINIMUM 3x STUDS AT ALL ADJOINING (ABUTTING) EDGES. EDGE NAILING SHALL BE STAGGERED. (2) 2x NAILED TOGETHER WIRTH 16d CAMMON NAILS @ 4" O.C. MAY BE SUBSTITUTED FOR 3x.
  - USE SIMPSON SB 5/8" x 24" EMBED 18" MIN. INTO STEM WALL -> FOR STEM WALL INSTALLATION.
  - 3" MINIMUM POST
  - 5 1/2" MINIMUM POST
  - USE SIMPSON SB 1" x 30" EMBED 14" MIN. INTO STEM WALL -> FOR STEM WALL INSTALLATION.
  - USE SIMPSON SB 7/8" x 24" EMBED 18" MIN. INTO STEM WALL

### ROOF BEAM SCHEDULE

MARK	GLULAM (FIN), LVL OR SAWN BEAMS
RB1	LVL (3) 1 1/2" x 11 7/8"
RB2	LVL (3) 1 1/2" x 11 7/8"
RB3	LVL (3) 1 1/2" x 11 7/8"

(\*) TIE MULTIPLE PLY MEMBERS TOGETHER (DTL 2/S2)

### STUD HEIGHT CHART

STUD	GRADE	SPACING	MAX HT.	LOCATION	NOTES
2x6	STUD	16" O.C	10'-0"	EXTERIOR	
2x6	STUD	12" O.C	14'-0"	EXTERIOR	
2x6	DFLN #2	12" O.C	16'-0"	EXTERIOR	

- ### FRAMING PLAN NOTES
- ALL BEAMS TO BEAR ON MINIMUM OF (2) CRIPPLE STUDS U.N.O. ON PLAN. TYPICAL 2"x10" HEADERS MAY BEAR ON ONE CRIPPLE STUD.
  - TYPICAL HEADER SIZE IN 2x FRAMED BEARING WALLS, DENOTED AS HDR, SHALL BE MINIMUM (3) 2"x10" OR 3-1 1/2"x7 1/2" LVL, UNLESS SHOWN OTHERWISE ON PLANS.
  - SHEAR WALL TYPES AND LOCATION ARE DENOTED THUS: ON PLAN. SEE SCHEDULE INTERIOR SHEAR WALLS ARE DENOTED THUS: ON PLAN.
  - ALL EXTERIOR WALLS SHALL BE TYPE SHEAR WALL CONSTRUCTION UNLESS NOTED OTHERWISE.
  - REFER TO DETAILS, GENERAL STRUCTURAL NOTES AND SHEAR WALL SCHEDULE FOR TYPICAL SHEAR WALL/BEARING WALL CONSTRUCTION.
  - REFER TO GENERAL STRUCTURAL NOTES SHEET S0 FOR ADDITIONAL INFORMATION.
  - WHERE ROCK VENEER OCCURS REFER TO DETAIL R/S300.
  - TRUSSES LABELED TO MATCH THE TRUSS MANUFACTURE'S ENGINEERING.
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  - ALL EXTERIOR SCANDINAVIAN PROFILE WALLS SHALL BE TYPE SHEAR WALL CONSTRUCTION UNLESS NOTED OTHERWISE.

### HOLD DOWNS

TYPE	NOTES	ANCHOR SIZE	ANCHOR EMBEDMENT INTO FDN. WALL
	= (2) SIMPSON HDU14-SDS2.5 H.	H. 1"	60"
	= SIMPSON HDU11 - SDS2.5 H. J.	1"	42"
	= SIMPSON HDU5 - SDS2.5 F. G.	5/8"	9"
	= SIMPSON HDU8 - SDS2.5 H. K.	7/8"	10 1/2"
	= SIMPSON STDH14		



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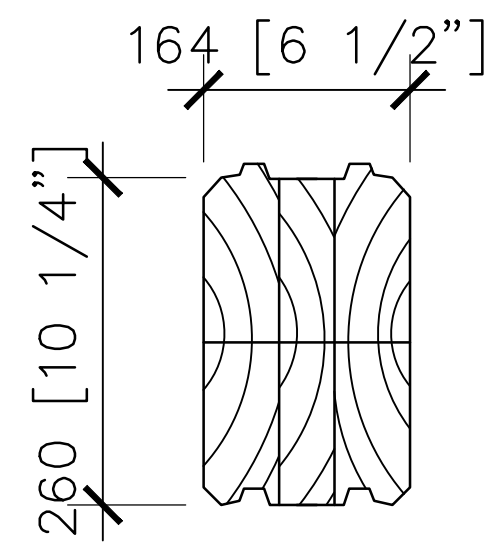


ARCHITECTURAL OFFICE  
Company Name: Scandinavian LLC  
Address: 6410 N. Business Park Loop Rd. Unit E  
Phone: 435-913-0555  
Fax:  
Project No:  
Cad File:  
Drawn:  
Checked:

A New Residence:  
BLAKE KINGSBURY AND MERRIT CHESSON  
Summit Powder Mountain, Lot # 70  
8492 E. Spring Park, Utah

BUILDER  
Company Name:  
Address:  
Park City, Utah 84098  
Phone:  
Fax:  
Drawing Date: 06-21-2018  
Scale: 1/4" = 1'-0"  
Title: UPPER LEVEL FRAMING PLAN  
BUILDER/DEALER'S APPROVAL:  
Signature and Date:





SCANDINAVIAN PROFILE (MLL 164)

MAXIMUM LENGT 39 ft  
 MINIMUM LENGT 1 ft  
 APPROXIMATE WEIGHT 14 lb / ft  
 LOG WALL INSTALLATION PER MANUFACTURES GUIDLINES AND INSTRUCTIONS

THE CHARACTERISTIC VALUES FOR SCANDINAVIAN SAWN TIMBER (T24), [PSI]

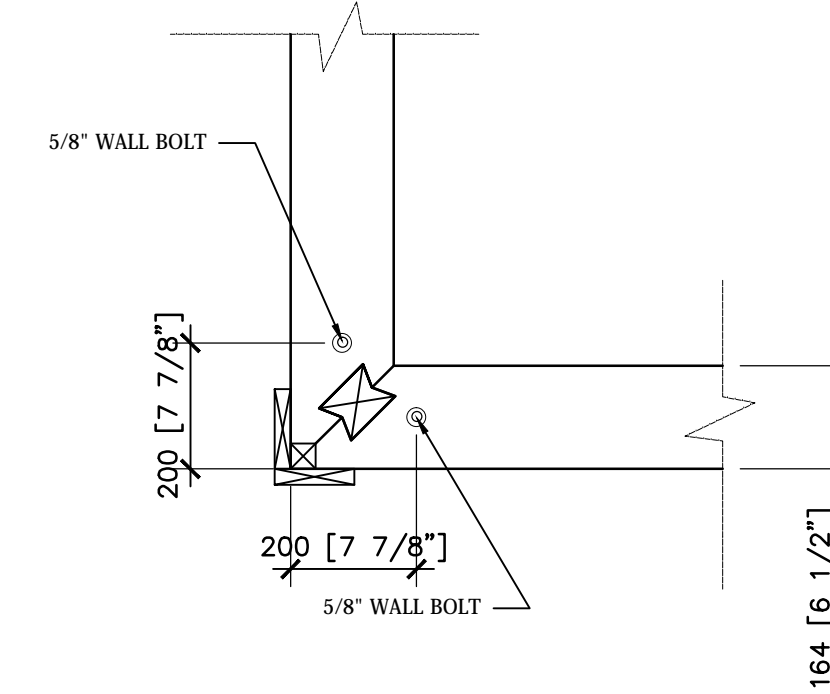
MATERIAL	Fb	Ft	Fv	FcT	FcII	MOE
SCOTCH SPRUCE	1390	914	139	348	914	943000

THE CHARACTERISTIC VALUES FOR SCANDINAVIAN GLUE LAM BEAMS (L30), [PSI]

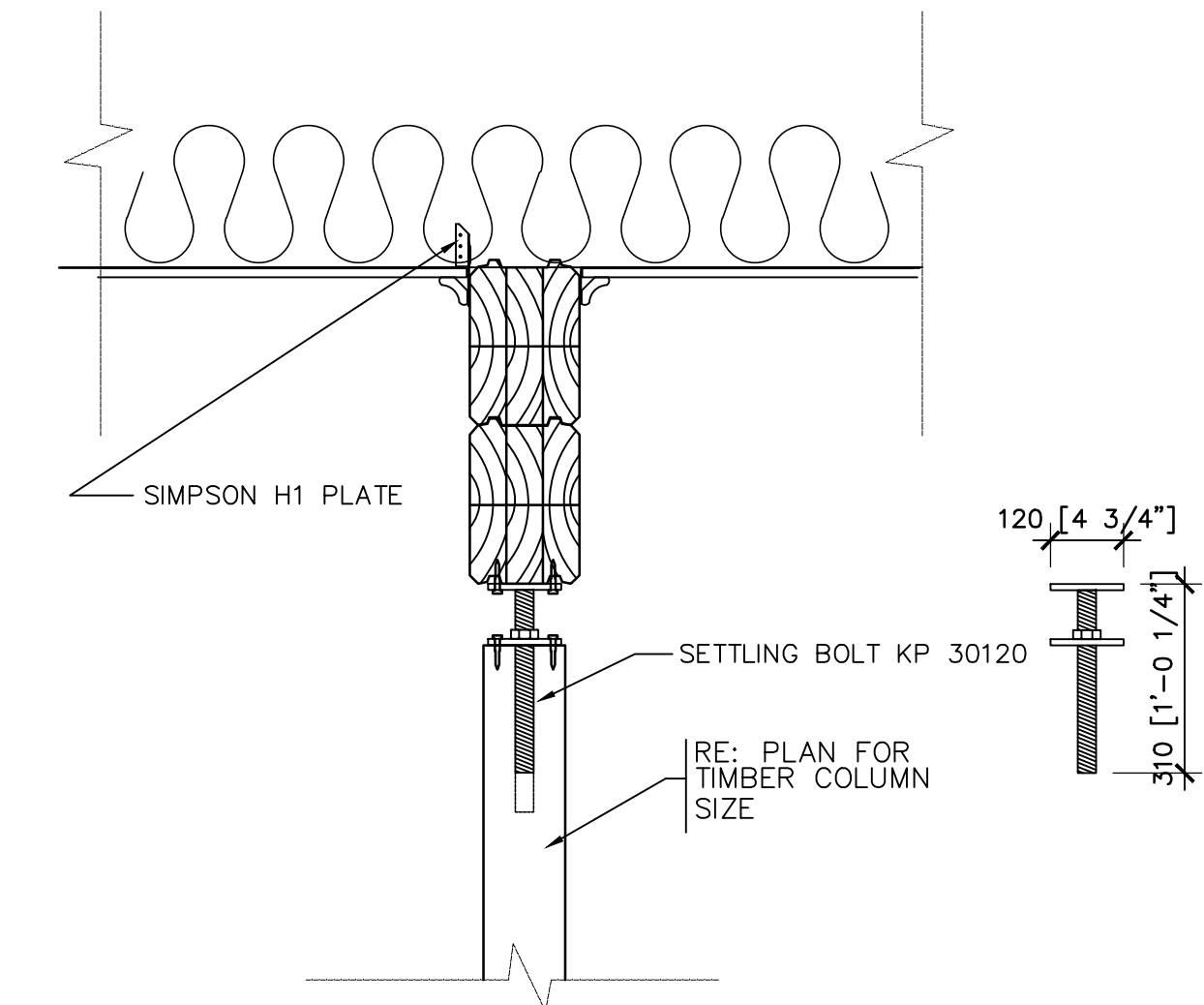
MATERIAL	Fb	Ft	Fv	FcT	FcII	MOE
SCOTCH SPRUCE	1741	1190	167	348	1190	1015965

DENSITY: 31,2 lb/ft3 (MOISTURE CONTENT 12 %)

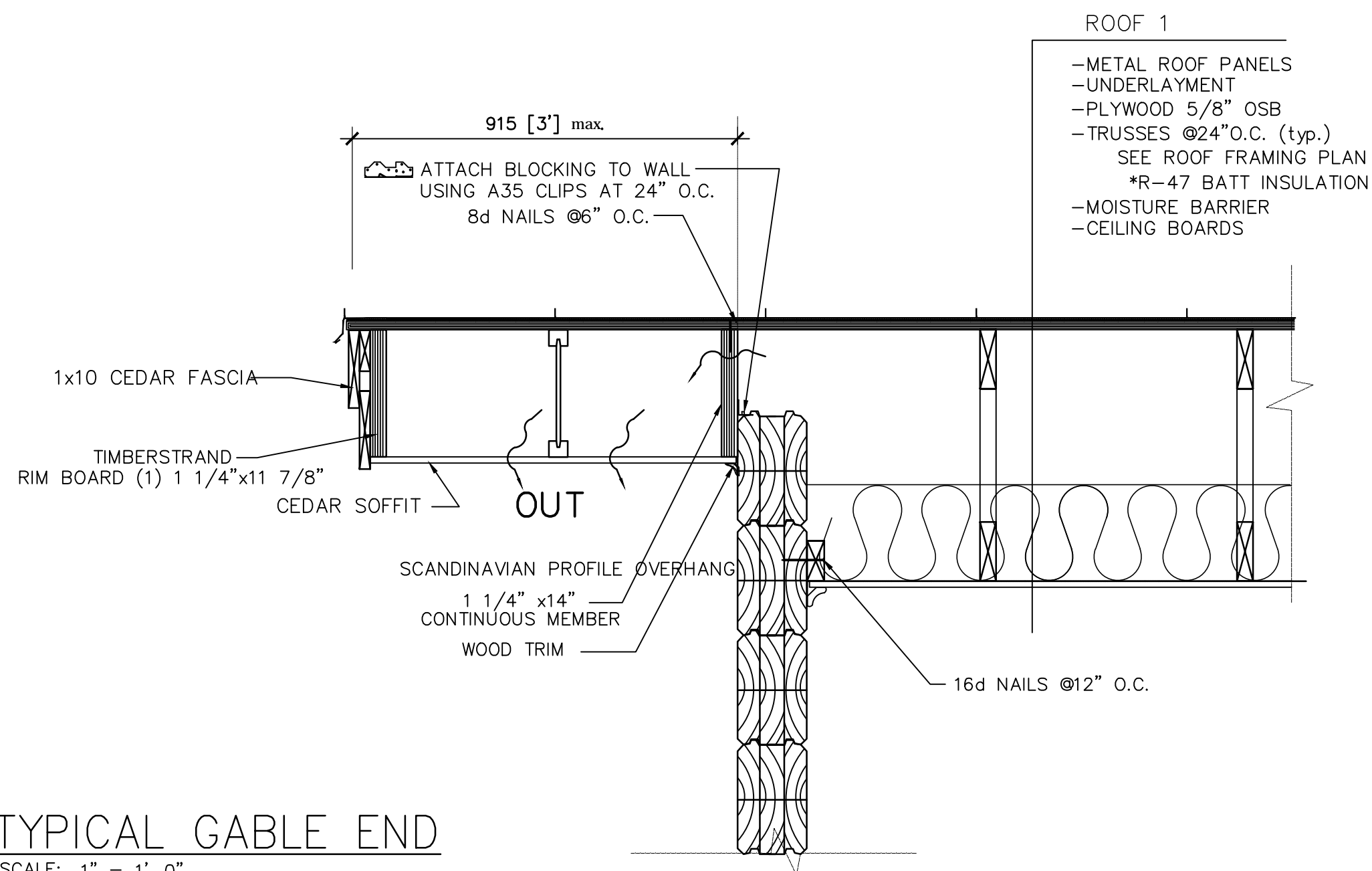
1 SCANDINAVIAN WALL PROFILE  
 S301 SCALE: -



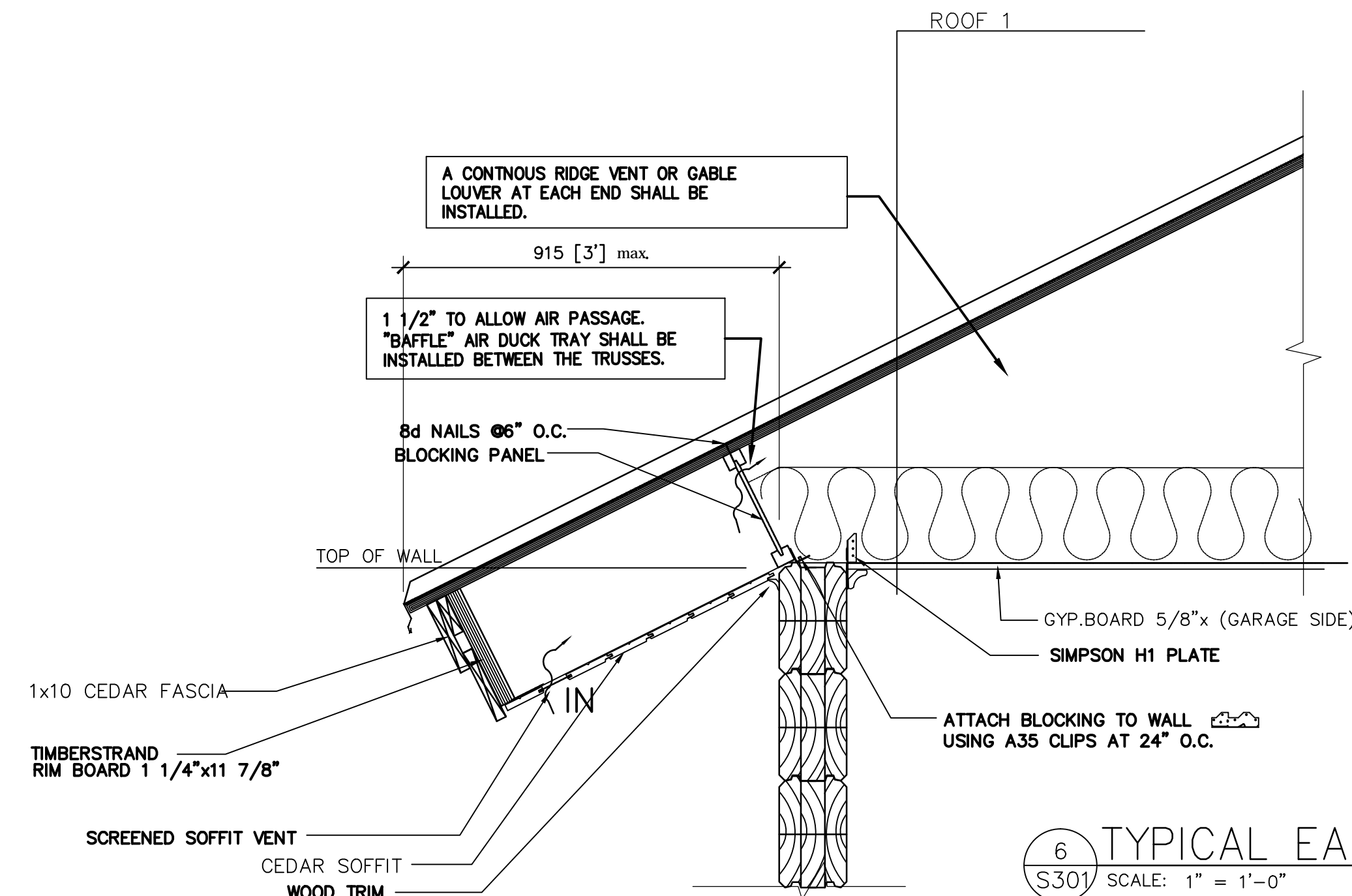
3 TYPICAL CORNER DETAIL  
 S301 SCALE: 1" = 1'-0"



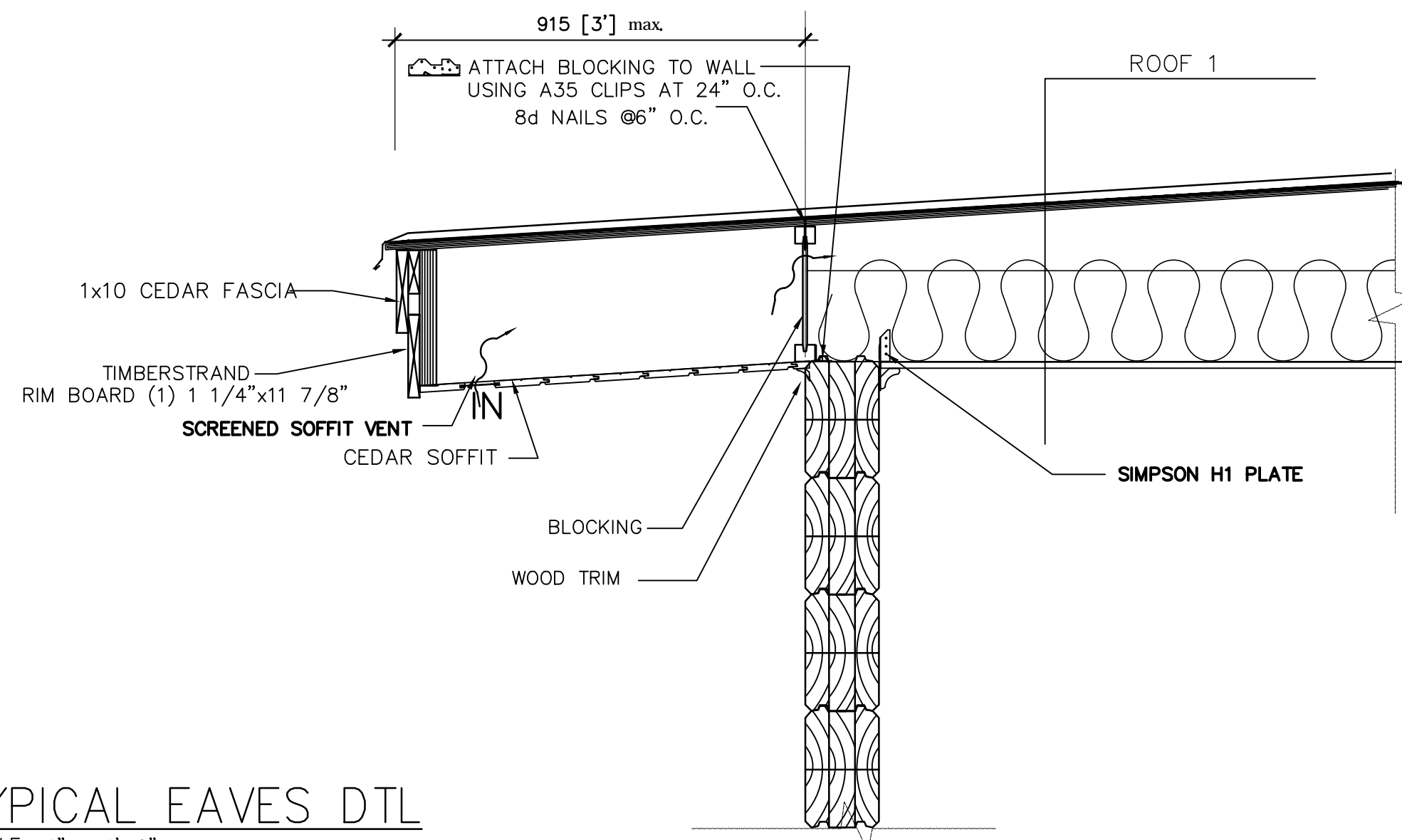
4 TYPICAL COLUMN / BEAM DETAIL  
 S301 SCALE: 1" = 1'-0"



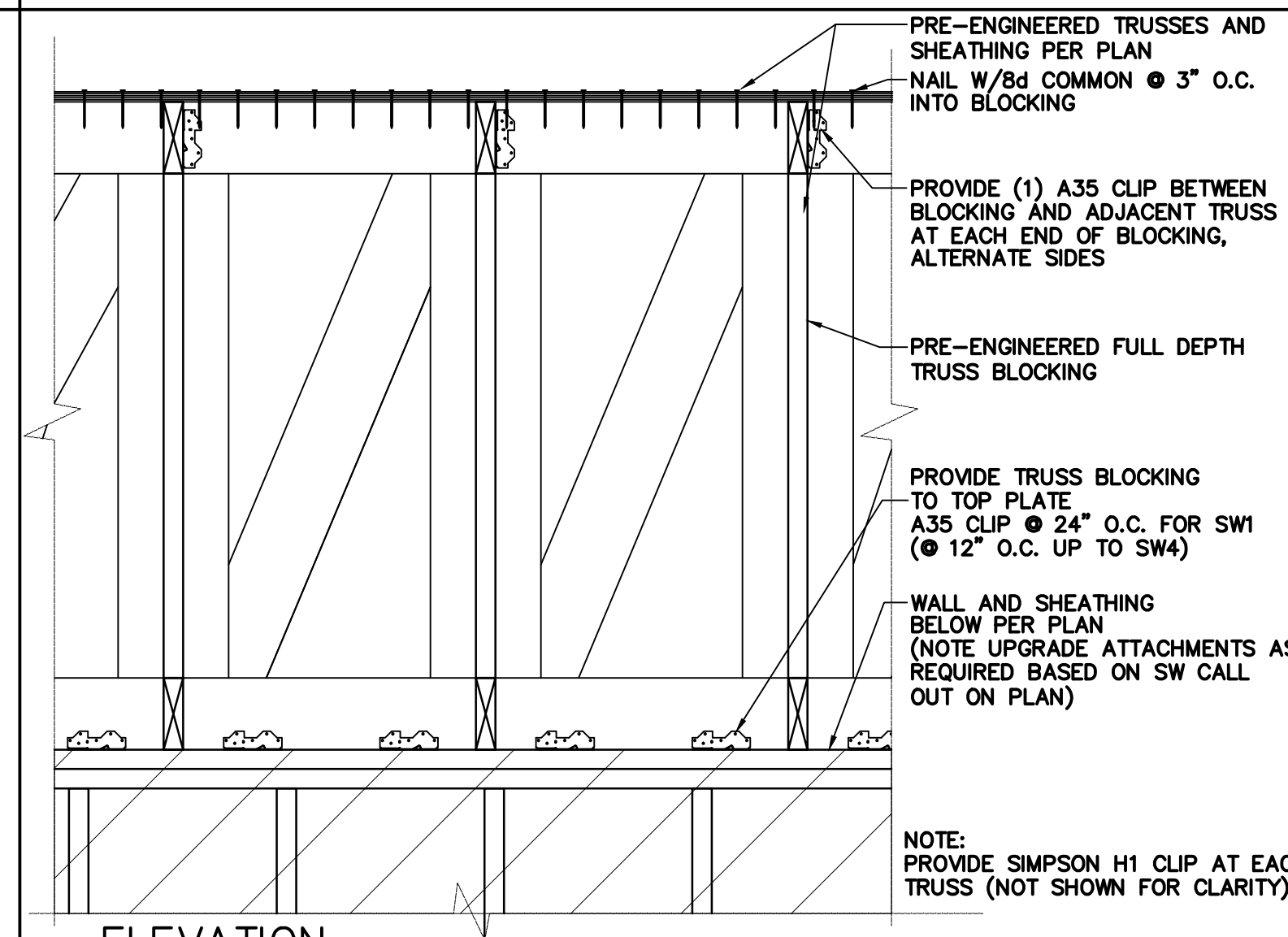
5 TYPICAL GABLE END  
 S301 SCALE: 1" = 1'-0"



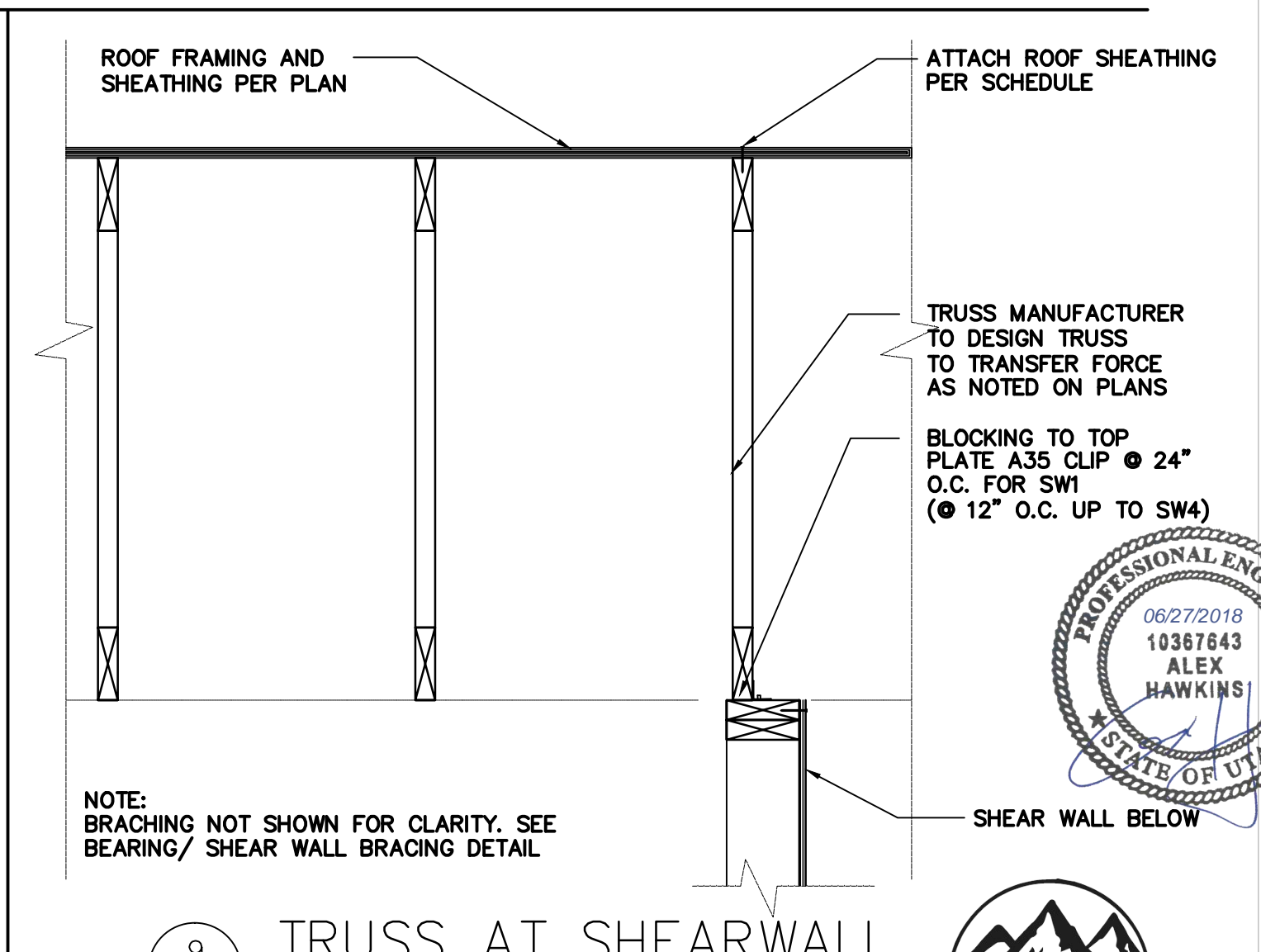
6 TYPICAL EAVES DTL  
 S301 SCALE: 1" = 1'-0"



7 TYPICAL EAVES DTL  
 S301 SCALE: 1" = 1'-0"



8 FULL DEPTH TRUSS BLOCKING DETAIL  
 S301 SCALE: 1" = 1'-0"



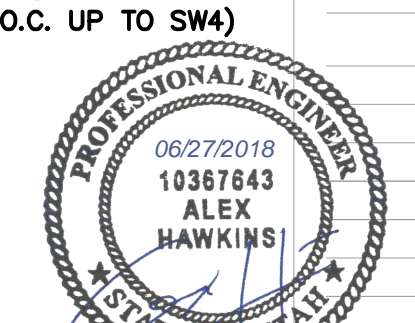
9 TRUSS AT SHEARWALL  
 S301 SCALE: 1" = 1'-0"



ARCHITECTURAL OFFICE  
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A New Residence:  
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 Summit Powder Mountain, Lot # 70  
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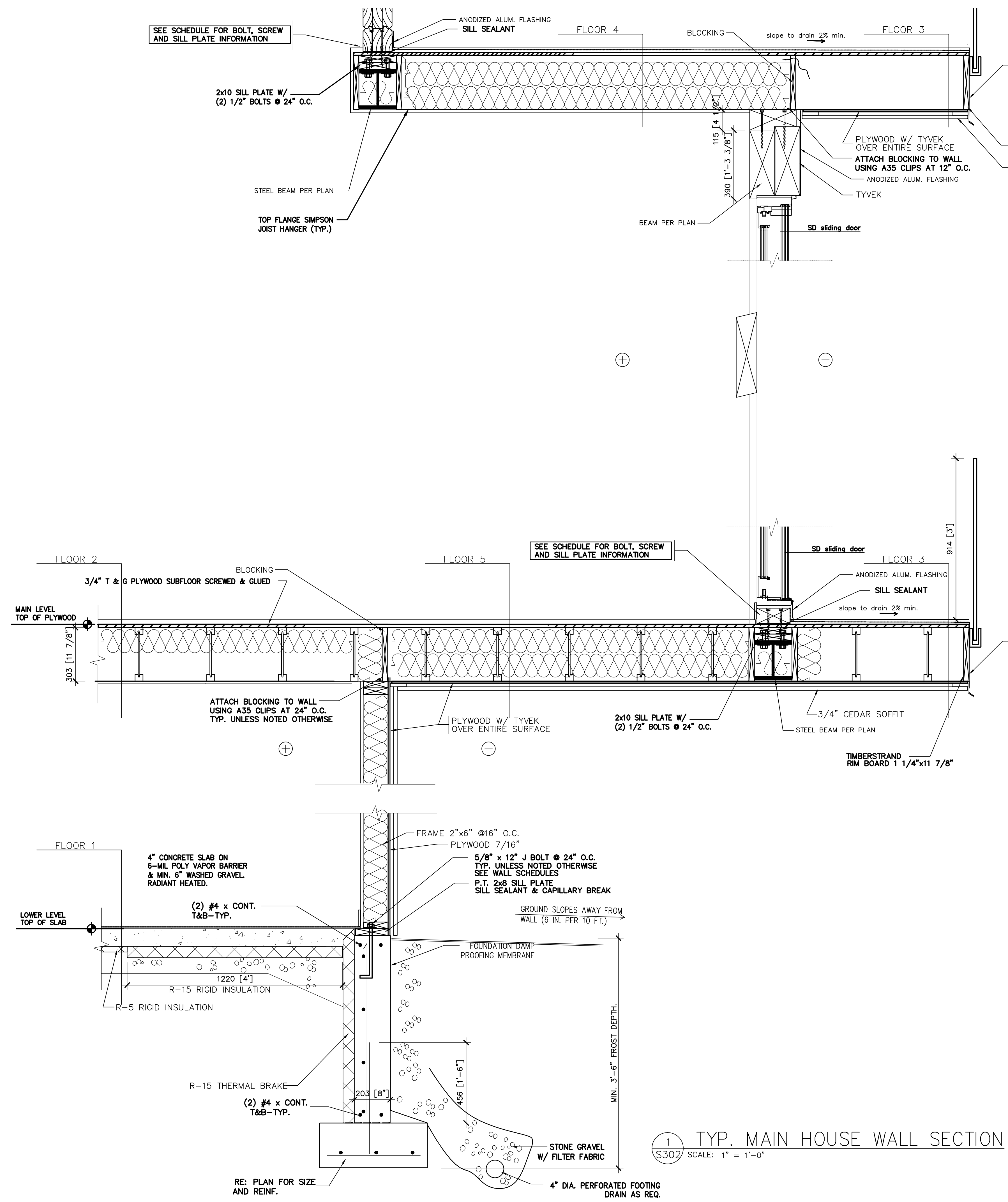


Drawing Date 06-21-2018  
 Scale 1" = 1'-0"  
 Title No.  
 DETAILS  
 BUILDER/ DEALER'S APPROVAL:  
 Signature and Date

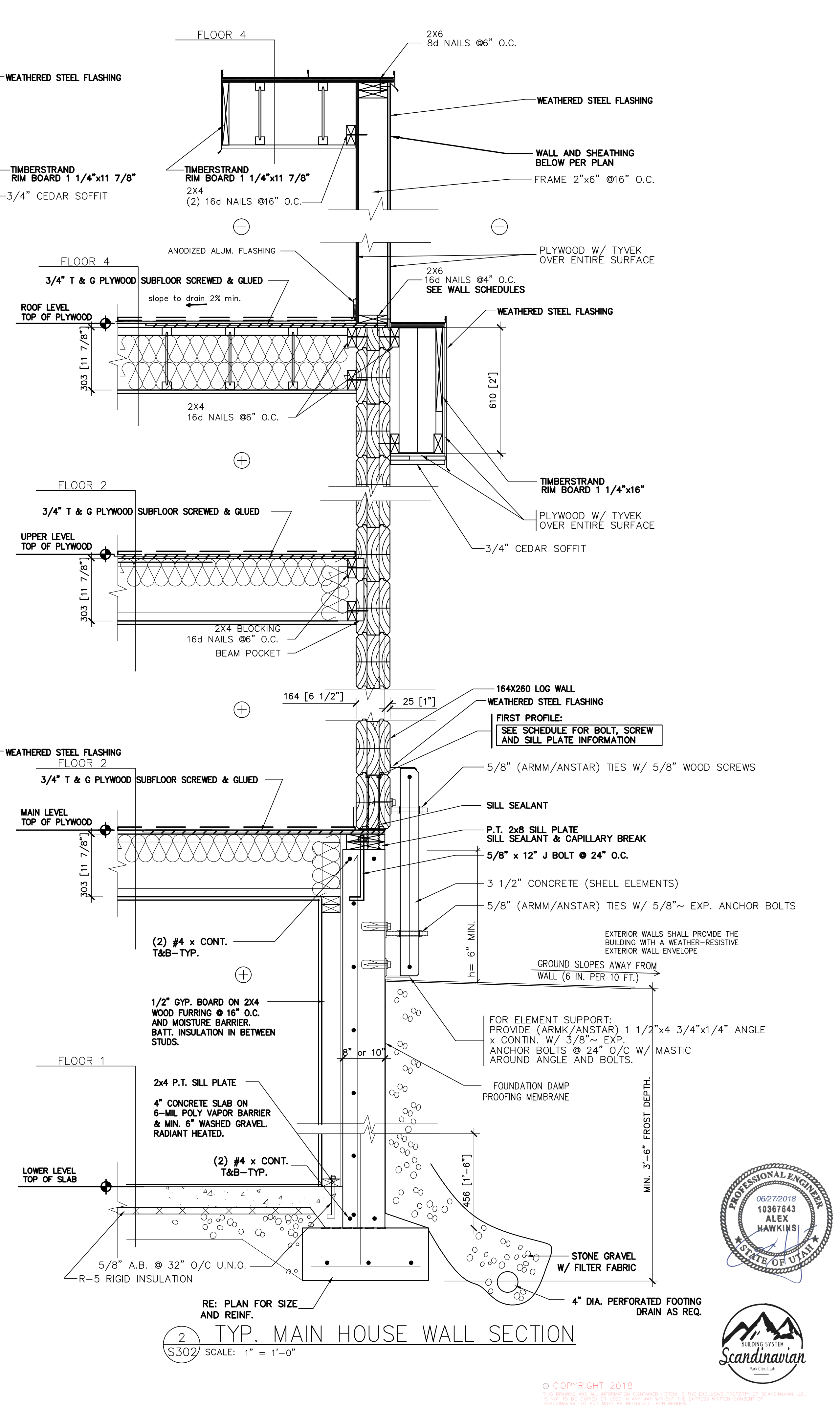


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S301

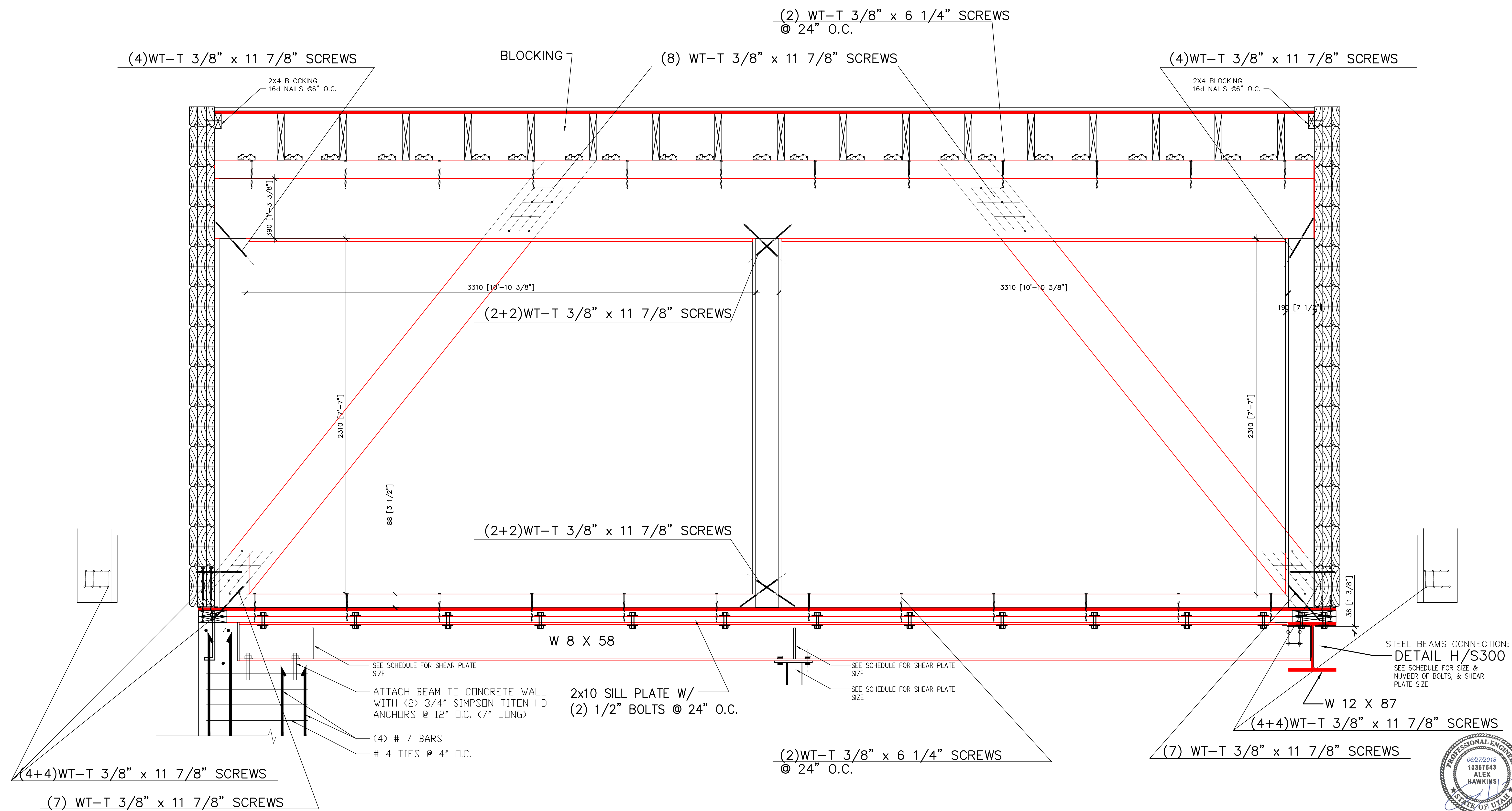


**1 TYP. MAIN HOUSE WALL SECTION**  
 S302 SCALE: 1" = 1'-0"



**2 TYP. MAIN HOUSE WALL SECTION**  
 S302 SCALE: 1" = 1'-0"



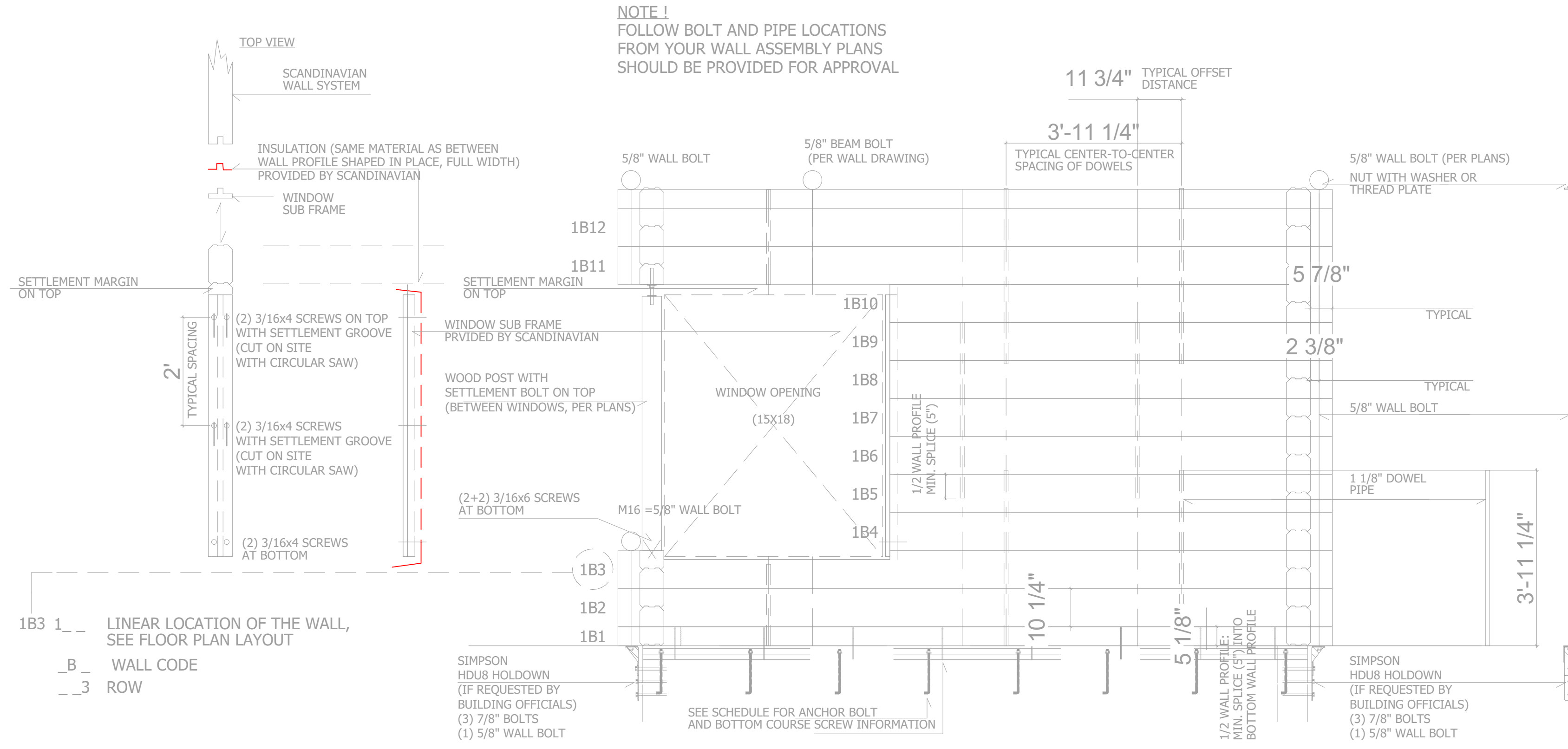


**1** TIMBER FRAME WALL (TYPICAL)  
 S303 SCALE: 1" = 1'-0"





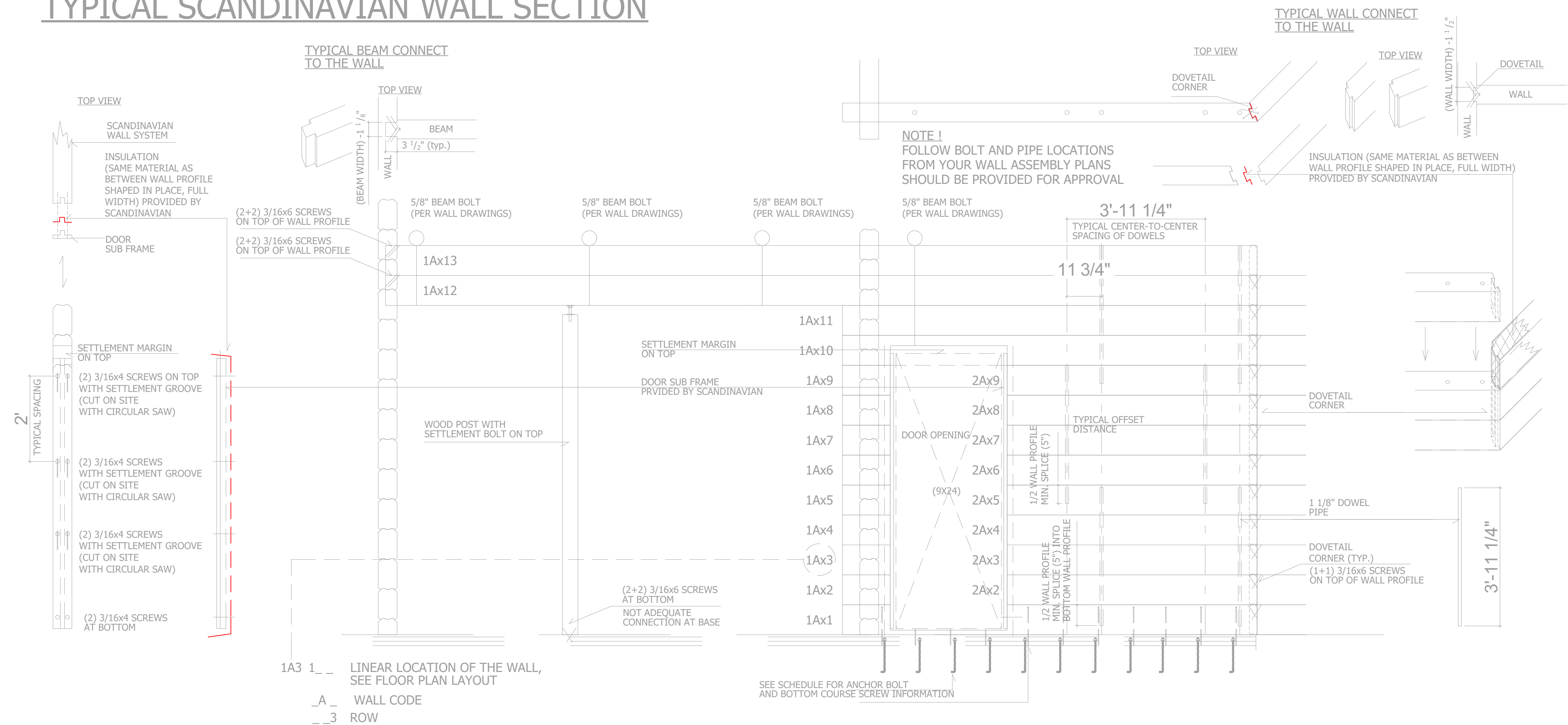
# TYPICAL SCANDINAVIAN WALL SECTION



NOTE 1  
FOLLOW BOLT AND PIPE LOCATIONS  
FROM YOUR WALL ASSEMBLY PLANS  
SHOULD BE PROVIDED FOR APPROVAL

1B3 1\_ LINEAR LOCATION OF THE WALL,  
SEE FLOOR PLAN LAYOUT  
\_B\_ WALL CODE  
\_3 ROW

# TYPICAL SCANDINAVIAN WALL SECTION



NOTE 1  
FOLLOW BOLT AND PIPE LOCATIONS  
FROM YOUR WALL ASSEMBLY PLANS  
SHOULD BE PROVIDED FOR APPROVAL

1A3 1\_ LINEAR LOCATION OF THE WALL,  
SEE FLOOR PLAN LAYOUT  
\_A\_ WALL CODE  
\_3 ROW



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Summit Powder Mountain, Lot # 70  
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Drawing Date: 06-21-2018  
Scale: 1/2" = 1'-0"  
Title: SCANDINAVIAN WALL SECTION  
BUILDER/DEALER'S APPROVAL:  
Signature and Date: