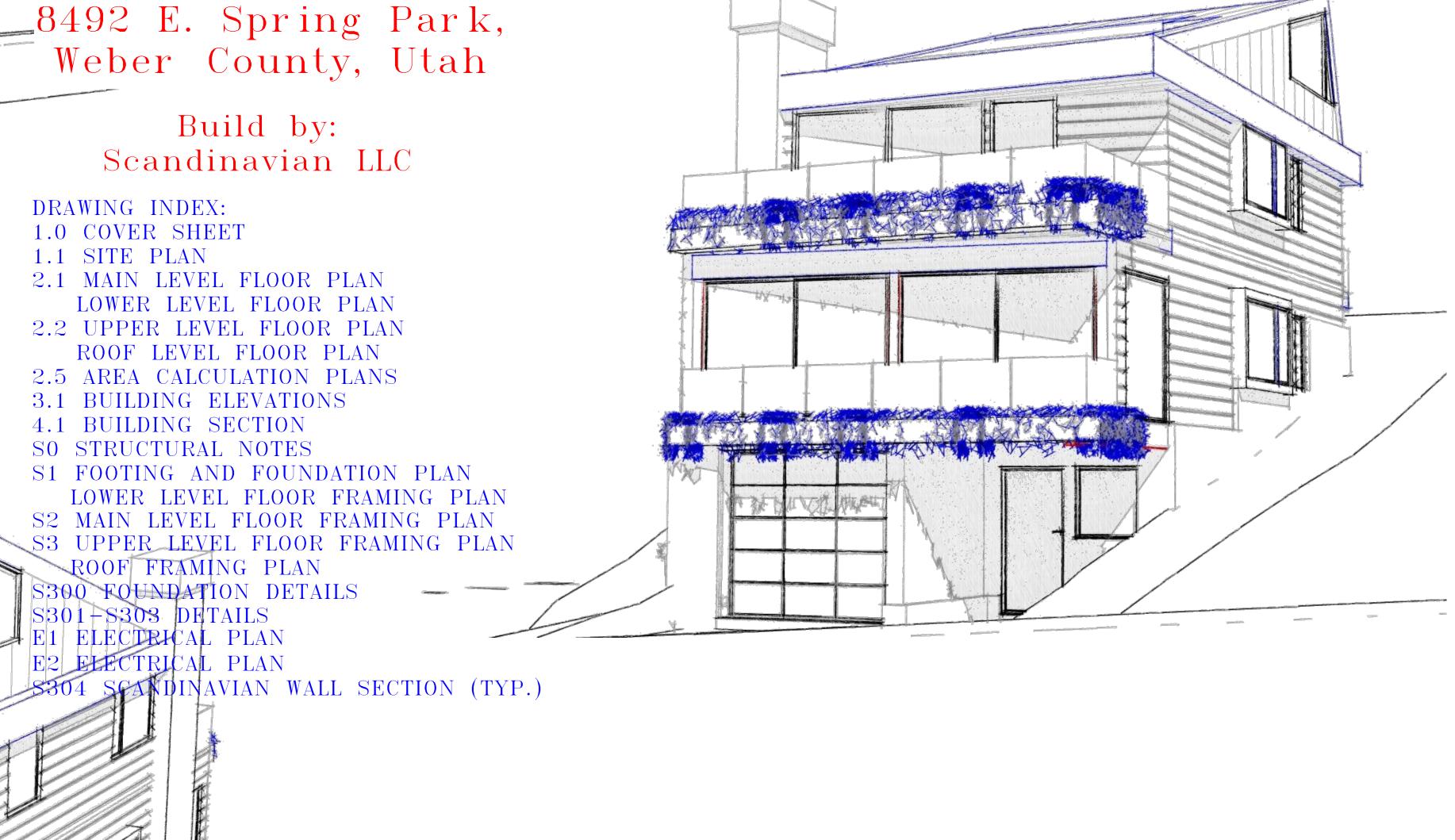




# KINGSBURY AND CHESSON Powder Mountain, Lot # 70

\_8492 E. Spring Park, Weber County, Utah



## DEFERRED SUBMITTAL ITEMS

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

-FIRE SPRINKLER SYSTEM

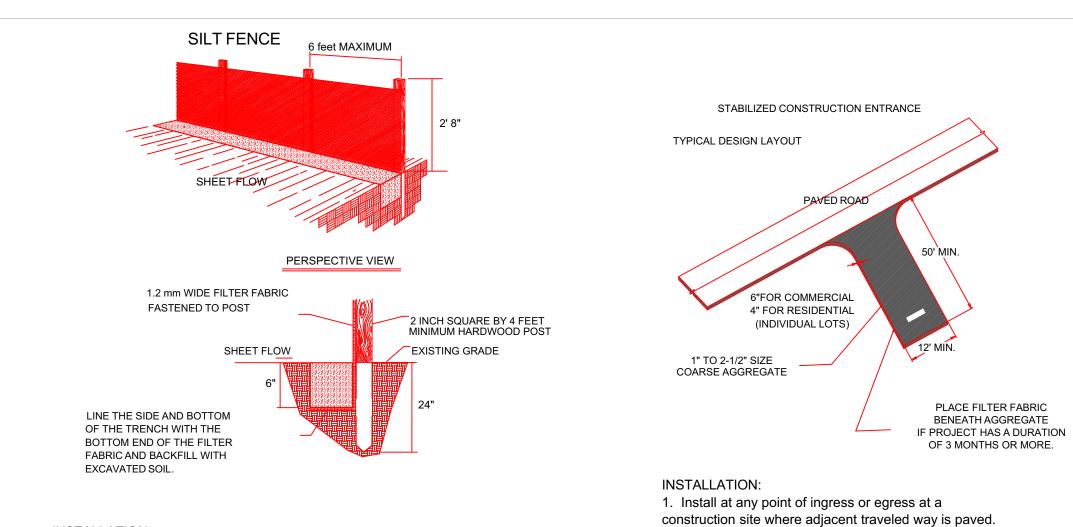
-RADIANT HEATING SYSTEM

-FIREPLACE PRODUCT INFORMATION

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







#### 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.

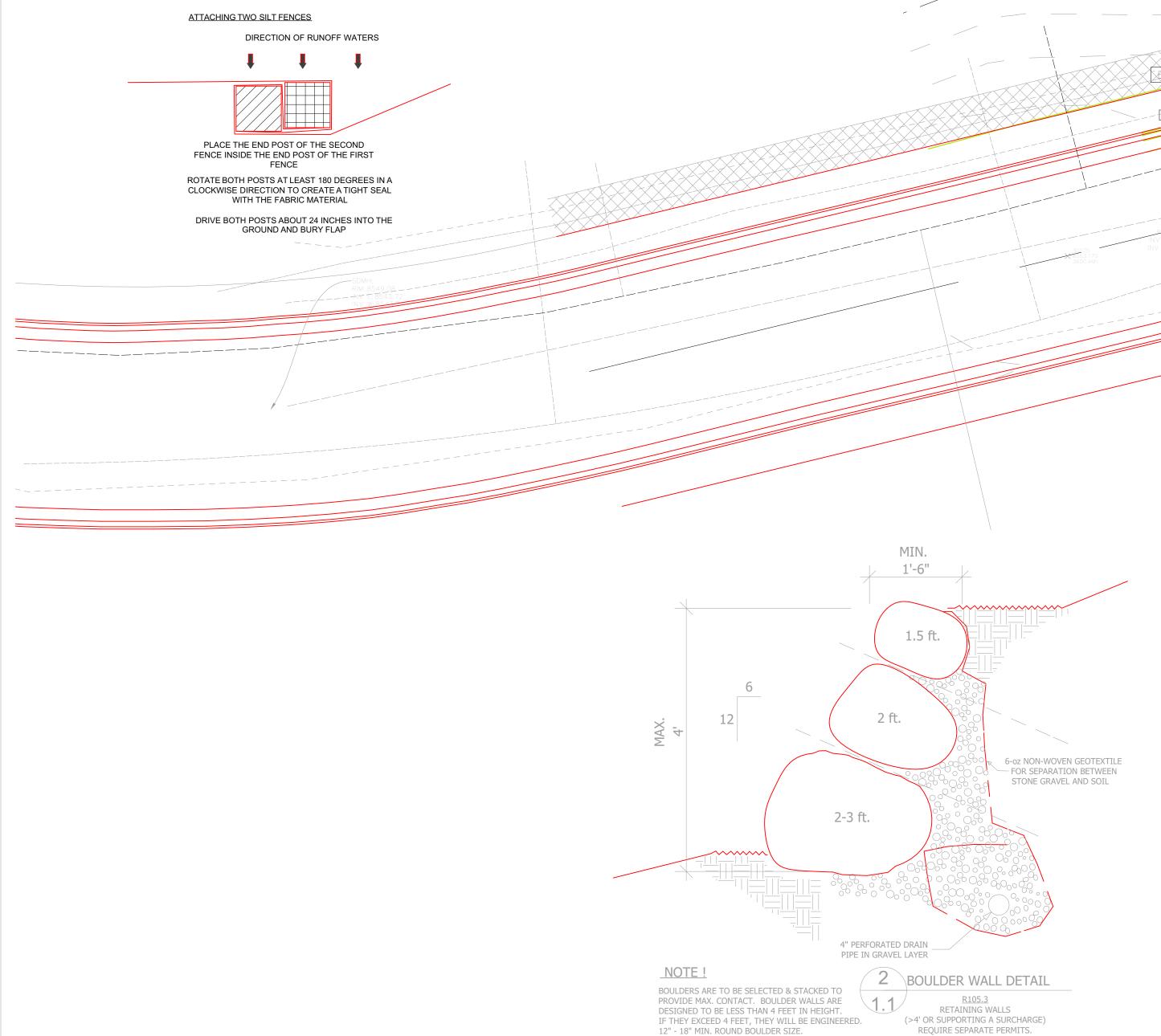
5. Cut fabric to required width, unroll along length of barrier and drape over barrier. Secure fabric to, stakes with staples, or similar, with trailing edge extending into anchor trench.

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  $\frac{1}{2}$  the height of the fence.





2. Clear and grub area and grade to provide slope

to waterway, use a maximum slope of 2%.

and 4 inches for residential projects.

clean by sweeping or shoveling.

required.

MAINTENANCE:

at driveway.

3. Compact subgrade and place filter fabric if

shown for driveway, or access/intersection. If adjacent

4. Place coarse aggregate, 1 to 2 <sup>1</sup>/<sub>2</sub> inches size, to a

minimum depth of 6 inches for commercial projects,

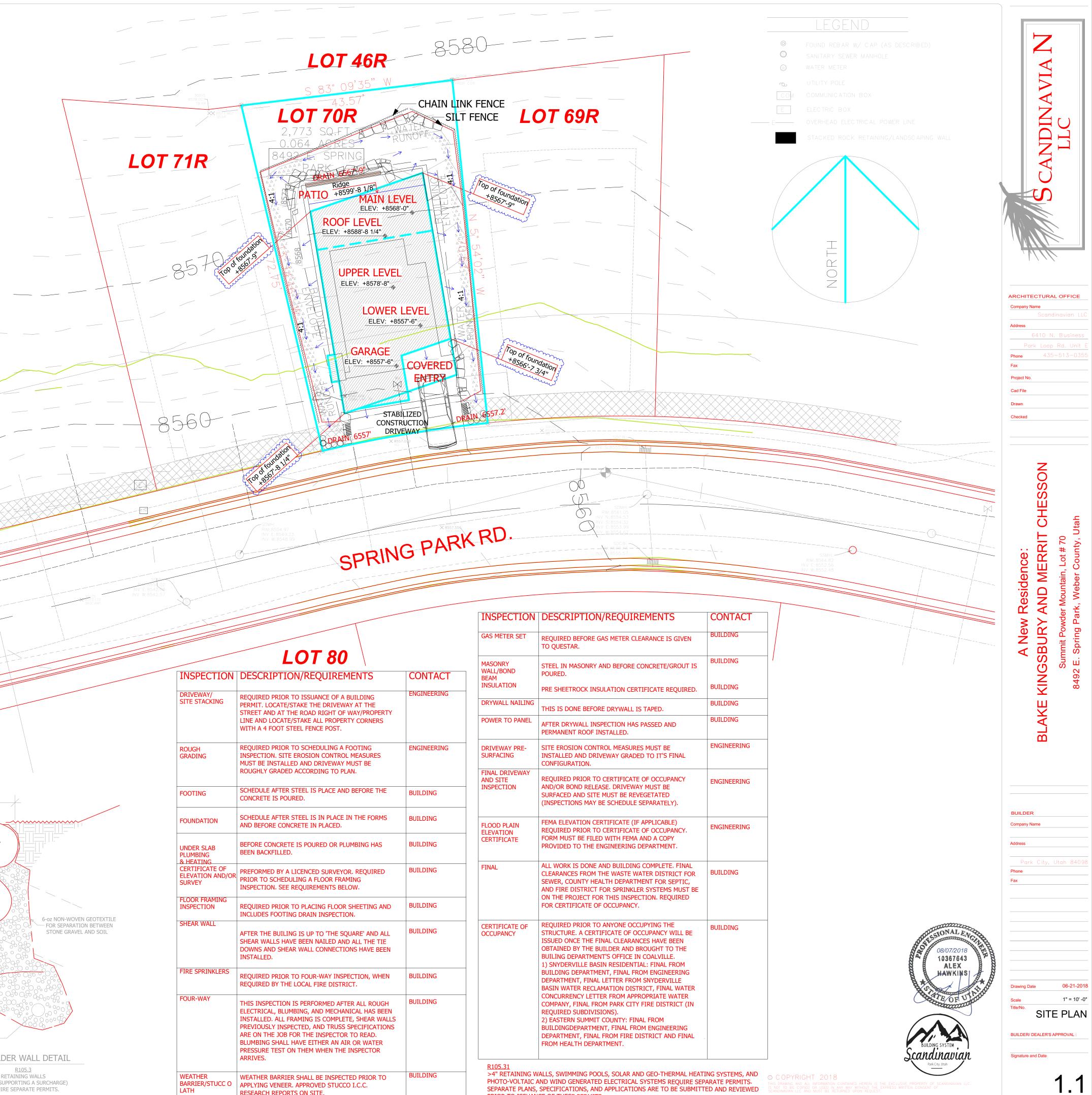
1. Inspect daily for loss of gravel or sediment buildup. 2. Inspect adjacent roadway for sediment deposit and

3. Repair entrance and replace gravel as required to

4. Expand stabilized area as required to accommodate

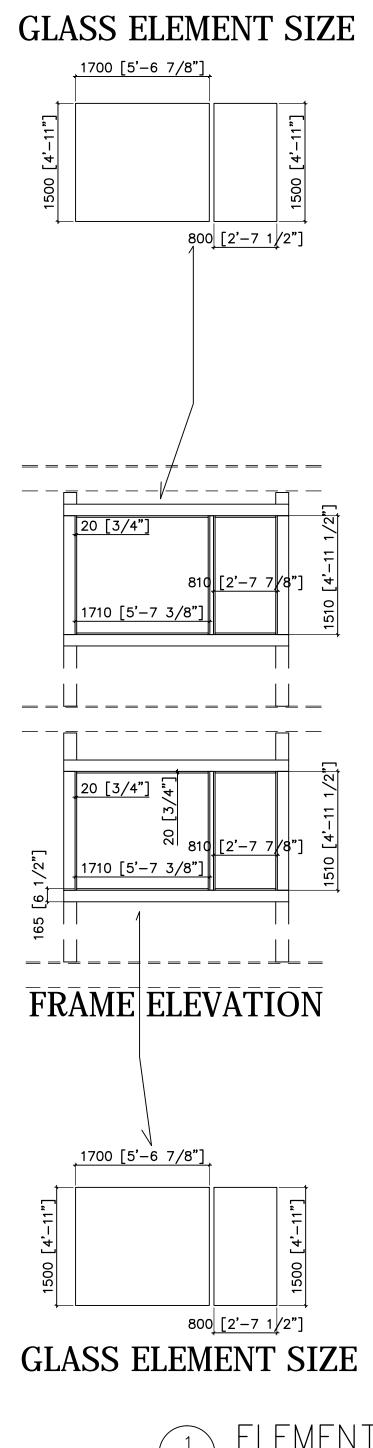
traffic, and off site street parking and prevent erosion

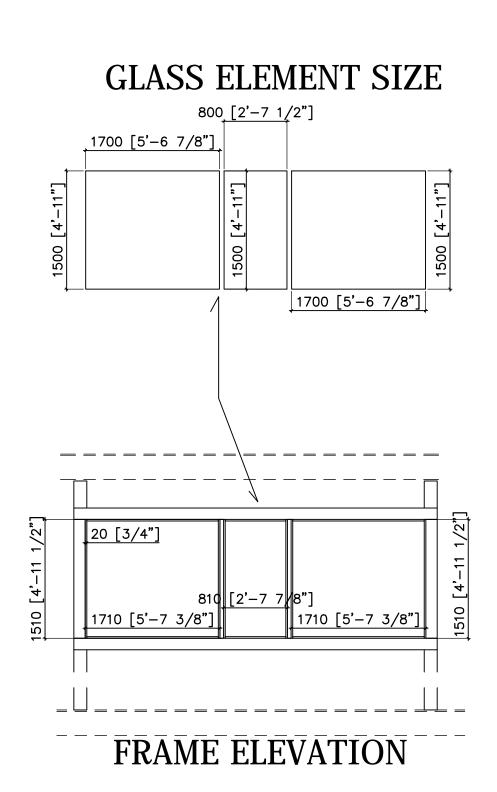
maintain control in good working condition.



		GAS METER SET	REQUIRED BEFORE GAS TO QUESTAR.
		MASONRY WALL/BOND BEAM INSULATION	STEEL IN MASONRY AND POURED. PRE SHEETROCK INSULA
	ENGINEERING	DRYWALL NAILING	THIS IS DONE BEFORE [
RTY S		POWER TO PANEL	AFTER DRYWALL INSPECT PERMANENT ROOF INST
	ENGINEERING	DRIVEWAY PRE- SURFACING	SITE EROSION CONTROL INSTALLED AND DRIVEV CONFIGURATION.
		FINAL DRIVEWAY AND SITE INSPECTION	REQUIRED PRIOR TO CE AND/OR BOND RELEASE
IE	BUILDING	INSPECTION	SURFACED AND SITE MU (INSPECTIONS MAY BE S
IS	BUILDING	FLOOD PLAIN ELEVATION	FEMA ELEVATION CERTI REQUIRED PRIOR TO CE
	BUILDING	CERTIFICATE	FORM MUST BE FILED W PROVIDED TO THE ENG
D	BUILDING	FINAL	ALL WORK IS DONE AND CLEARANCES FROM THE SEWER, COUNTY HEALT AND FIRE DISTRICT FOR
ND	BUILDING		ON THE PROJECT FOR T FOR CERTIFICATE OF OC
ALL E EN	BUILDING	CERTIFICATE OF OCCUPANCY	REQUIRED PRIOR TO AN STRUCTURE. A CERTIFIC ISSUED ONCE THE FINA OBTAINED BY THE BUIL BUILING DEPARTMENT'S 1) SNYDERVILLE BASIN
EN	ENGINEERING ENGINEERING ENGINEERING BUILDING BUILDING BUILDING BUILDING BUILDING BUILDING		BUILDING DEPARTMENT DEPARTMENT, FINAL LE BASIN WATER RECLAMA
GH EEN ALLS ONS	BUILDING		CONCURRENCY LETTER COMPANY, FINAL FROM REQUIRED SUBDIVISION 2) EASTERN SUMMIT CC BUILDINGDEPARTMENT, DEPARTMENT, FINAL FR FROM HEALTH DEPARTM
0	BUILDING	PHOTO-VOLTAIC A SEPARATE PLANS,	ALLS, SWIMMING POOLS, AND WIND GENERATED EI SPECIFICATIONS, AND AI CE OF THESE PERMITS.

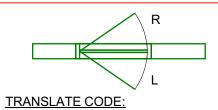
	LOT 80	
INSPECTION	DESCRIPTION/REQUIREMENTS	CONTACT
DRIVEWAY/ SITE STACKING	REQUIRED PRIOR TO ISSUANCE OF A BUILDING PERMIT. LOCATE/STAKE THE DRIVEWAY AT THE STREET AND AT THE ROAD RIGHT OF WAY/PROPERTY LINE AND LOCATE/STAKE ALL PROPERTY CORNERS WITH A 4 FOOT STEEL FENCE POST.	ENGINEERING
ROUGH GRADING	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	PREFORMED 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/STUCC O LATH	WEATHER BARRIER SHALL BE INSPECTED PRIOR TO APPLYING VENEER. APPROVED STUCCO I.C.C. RESEARCH REPORTS ON SITE.	BUILDING





1 ELEMENT FRAME ELEVATIONS2.0 Scale: 1/4" = 1'-0"

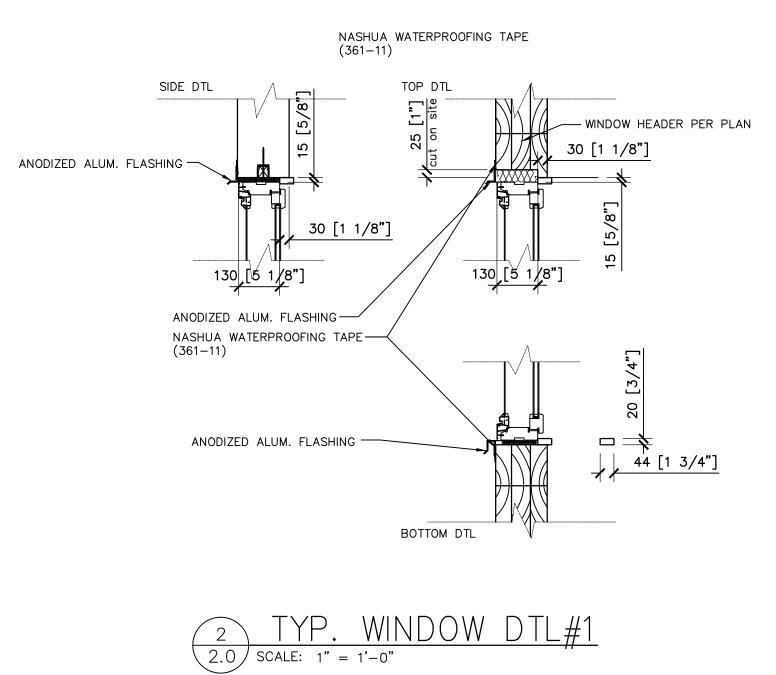
#### OPENING LEGEND FOR: SCANDINAVIAN WINDOWS & DOOR ONLY



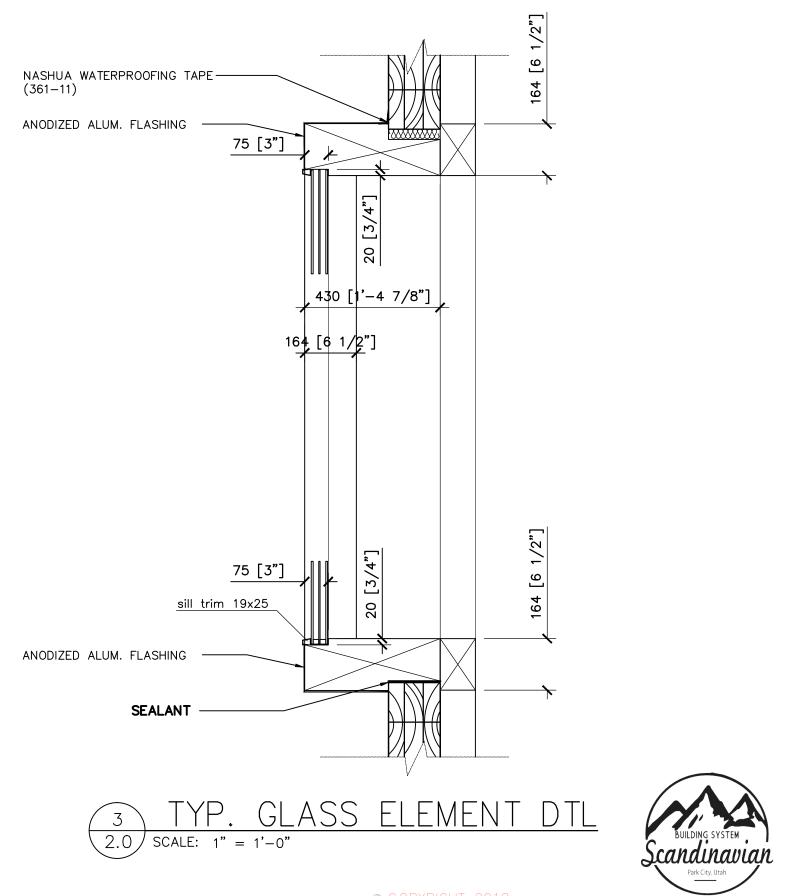
- L LEFT HANDED
- R RIGHT HANDED
- B BOTTOM HINGED WINDOW
- T TOP HINGED WINDOW
- FIXED CUSTOM WINDOW (FIXED)
- EGRESS MIN. OPENING SIZE 20"x24" AND MIN. AREA 5,7 SQFT

							SCANDINAVIAN WINDOW S	SCHEDULE			_		
ID	TYPE	Size (cm)			Size (inches)		Opening type	Vall type	Wall thickness	Flashing	Screen	Notes	Quantity
₩1	MSE131A	180	x	150	70,9 x	59,1	L+R 1	64			90x150	tempered	2
₩2	MSE131A	60	x	150	23,6 x	59,1	(1)L, (2)R 1	64			60x150		3
W3	MSE131A	110	x	120	43,3 x	47,2		95			110x120	tempered	1
TOTAL													6
							SCANDINAVIAN WINDOW S	SCHEDULE					
ID	TYPE	Size (cm)			Size (inches)		I I	Vall type		Flashing	Screen	Notes	Quantity
FW1	EK131A	170	X	240	66,9 x	94,5		64				laminated	1
FW2	EK131A	190	X	240	74,8 x	94,5	FIXED 1	64				laminated	1
FW3	EK131A	160	X	150	63,0 x	59,1	FIXED 1	64					1
FW4	EK131A	140	x	150	55,1 x	59,1	FIXED 1	64				tempered	1
FW5	EK131A	120	x	230	47,2 x	90,6	FIXED 1	64				tempered	1
FW6	EK131A	310	x	120	122,0 x	47,2	FIXED 1	64				tempered	1
FW7	EK131A	260	x	200	102,4 x	78,7	FIXED 1	64				2590x(1190/2000)	1
FW8	EK131A	63	x	200	24,8 x	78,7	FIXED 1	64				625x(2005/0)	1
FW9	EK131A	310	x	210	122,0 x	82,7	FIXED 1	64					1
FW10	EK131A	63	x	200	24,8 x	78,7	FIXED 1	64				625x(0/2005)	1
FW11	EK131A	260	x	200	102,4 x		FIXED 1	64				2590x(2000/1190)	1
TOTAL													11
							SCANDINAVIAN DOOR SC	HEDULE					
ID	TYPE	Size (cm)			Size (inches)			Vall type	Wall thickness	Flashing	Screen	Notes	Quantity
SD1	SD	330	x	230	129,9 x	90,6	*****	95				tempered (size? - TF-FRAME)	2
SD2	SD	200	X	240	78,7 x	94,5		95				tempered	1
SD3	SD	360	X	230	141,7 x	90,6		95				tempered	1
SD4	SD	300	X	230	118,1 x	90,6		95				tempered	1
D1	ΙΟ	90	х	200	35,4 x	78,7	R 1	95				tempered, (opening inside)	1
TOTAL													6

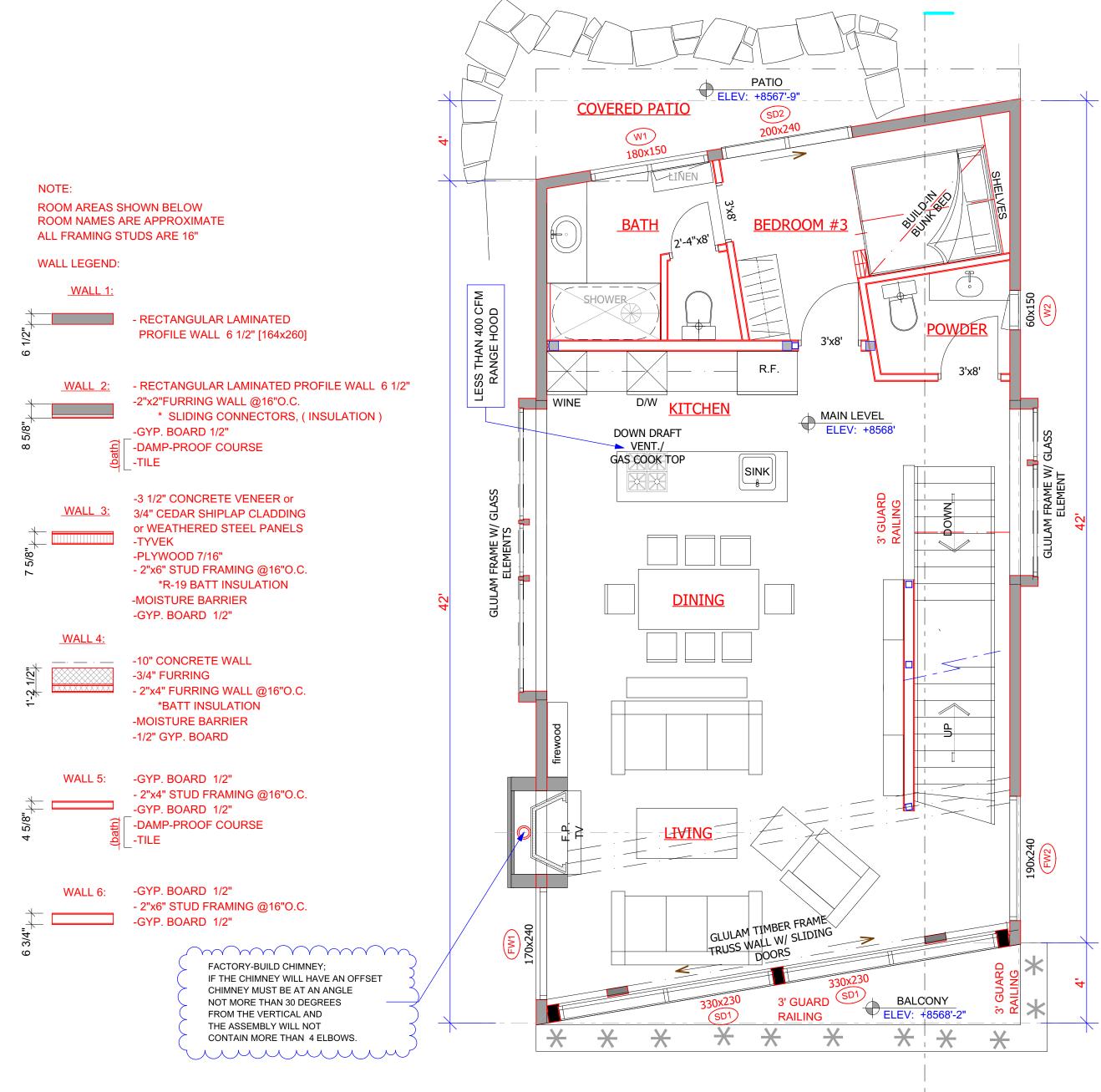
WINDOW FRAME CONNECTED TO SCANDINAVIAN PROFILE WALL.







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AREA C

MAIN LE

LOWER MECHAI тот 1,5 CAR UPPER ROOF

TOTAL UNHEA TOTAL

\_\_\_\_\_

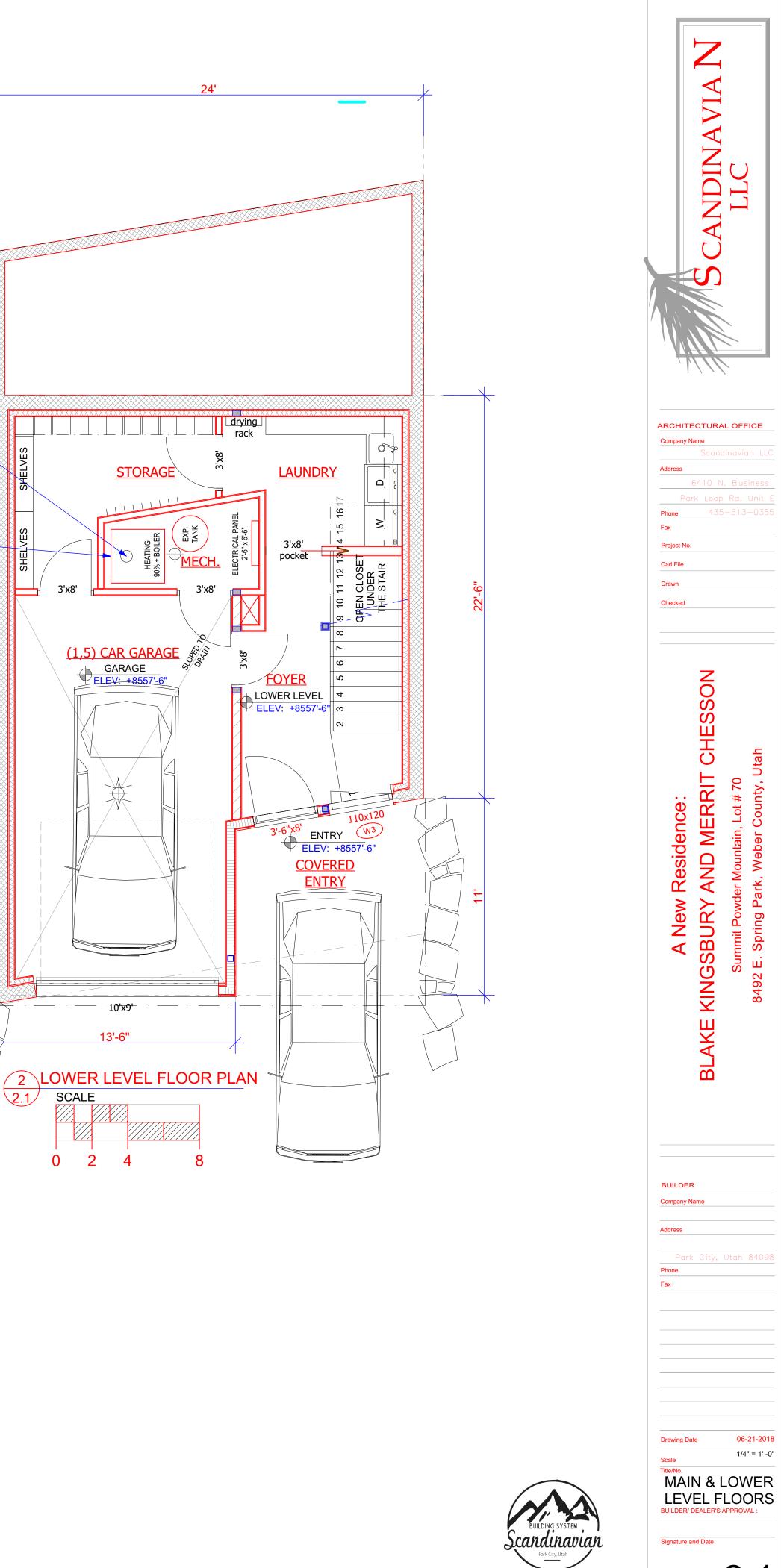
# 1 MAIN LEVEL FLOOR PLAN 2.1 SCALE

2.1 SCALE 0 2 4	8
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

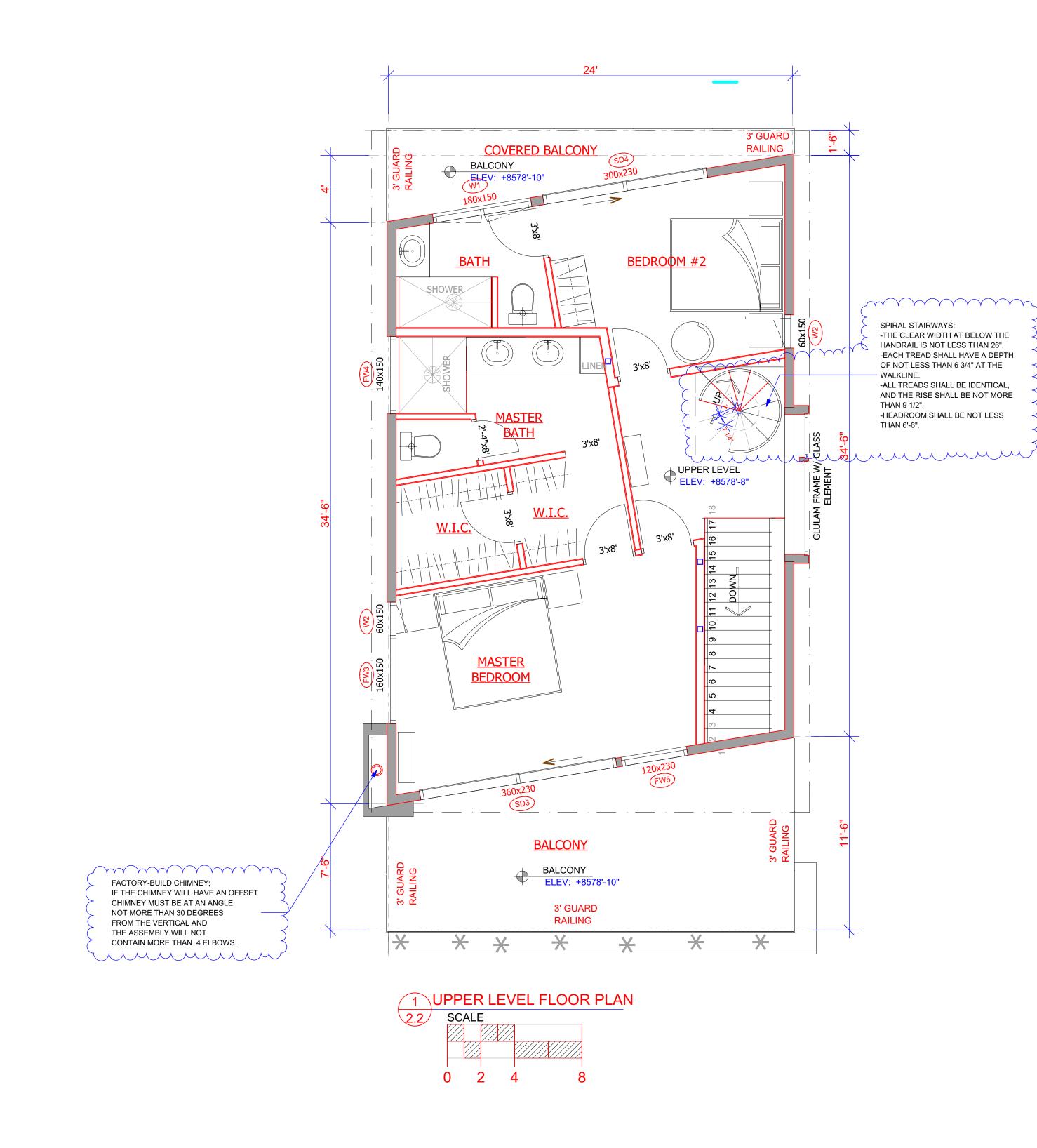
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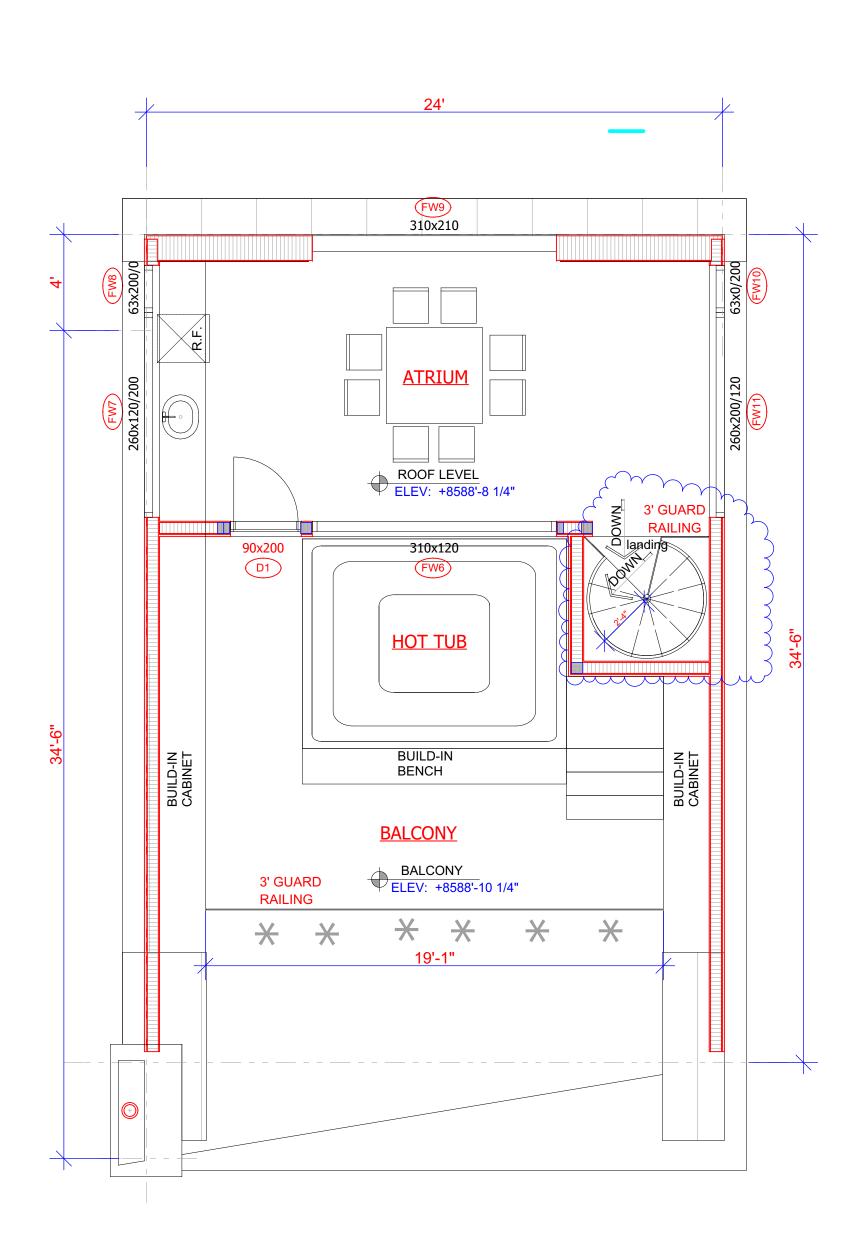
## WHERE OPEN COMBUSTION DUCTS PROVIDE COMBUSTION AIR TO OPEN COMBUSTION FUEL BURNING APPLIANCES THE DUCT AND APPLIANCE SHALL BE LOCATED OUTSIDE OF THE BUILDING THERMAL ENVELOPE OR ENCLOSED AND ISOLATED FROM THE THERMAL ENVELOPE. SUCH ROOMS SHALL BE SEALED AND INSULATED. THE DOOR INTO THE ROOM SHALL BE FULLY GASKETED. DUCT LENGTH / MECH. NOTES M1506.2

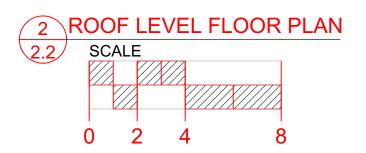
AIR



2.1









Z

A

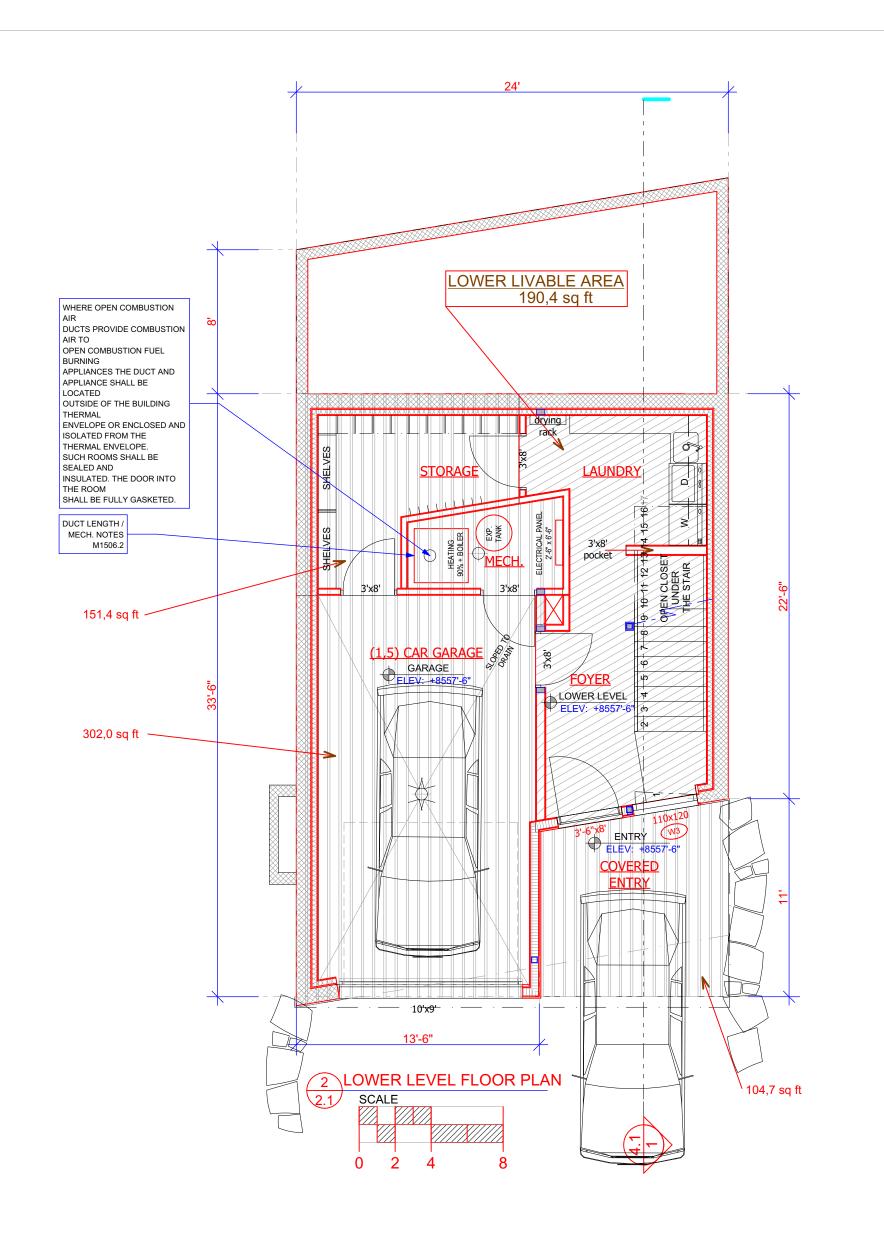
CANDINAVI/

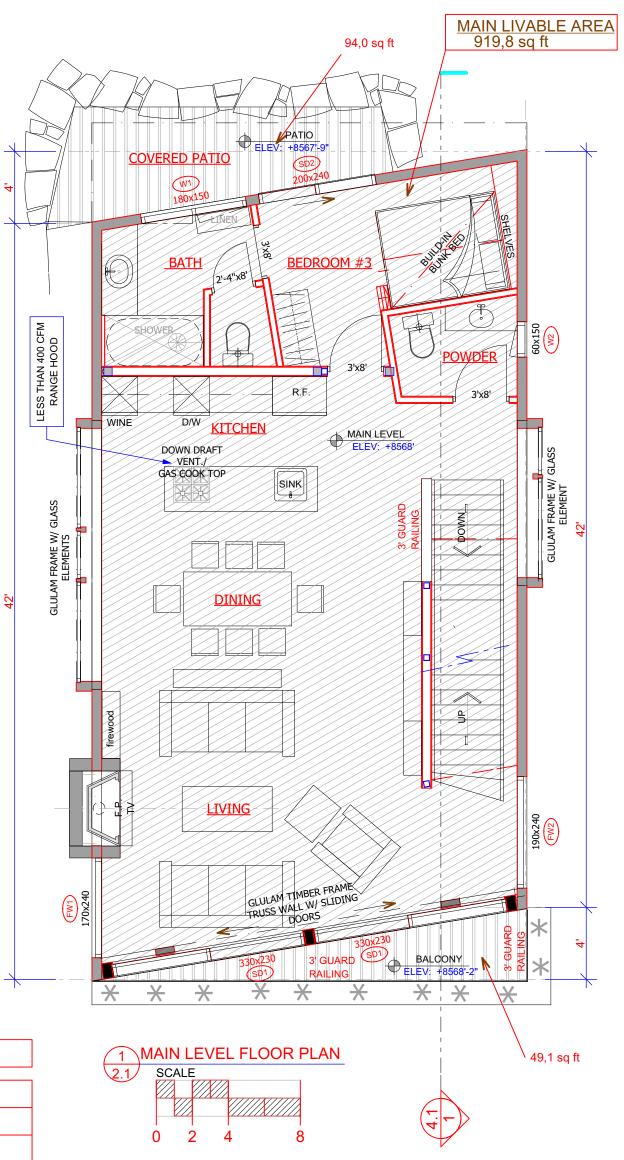
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NET LIVABLE AREA CALCULATION

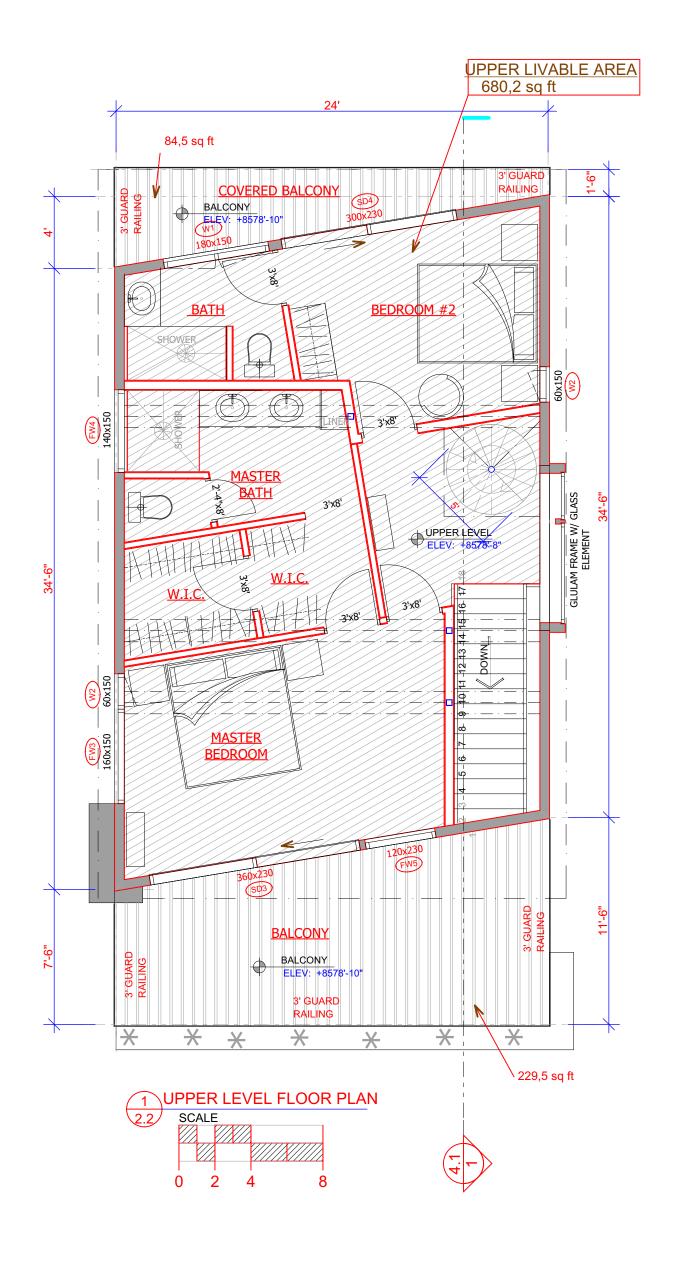
LOWER LEVEL LIVABLE AREA	190 sqft
MAIN LEVEL LIVABLE AREA	920 sqft
UPPER LEVEL LIVABLE AREA	680 sqft
ROOF LEVEL LIVABLE AREA	259 sqft
NET TOTAL LIVABLE AREA	2 049 sqft

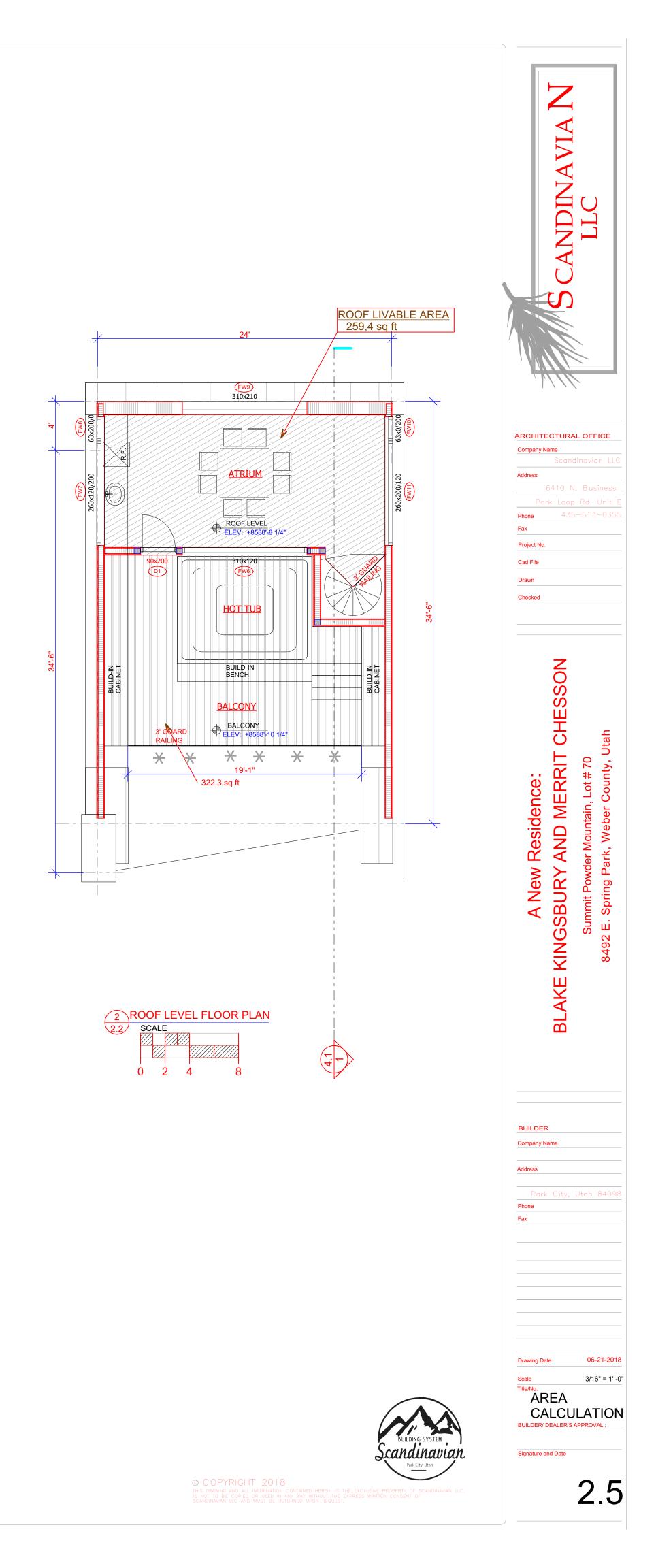
### GROSS TOTAL AREA CALCULATION

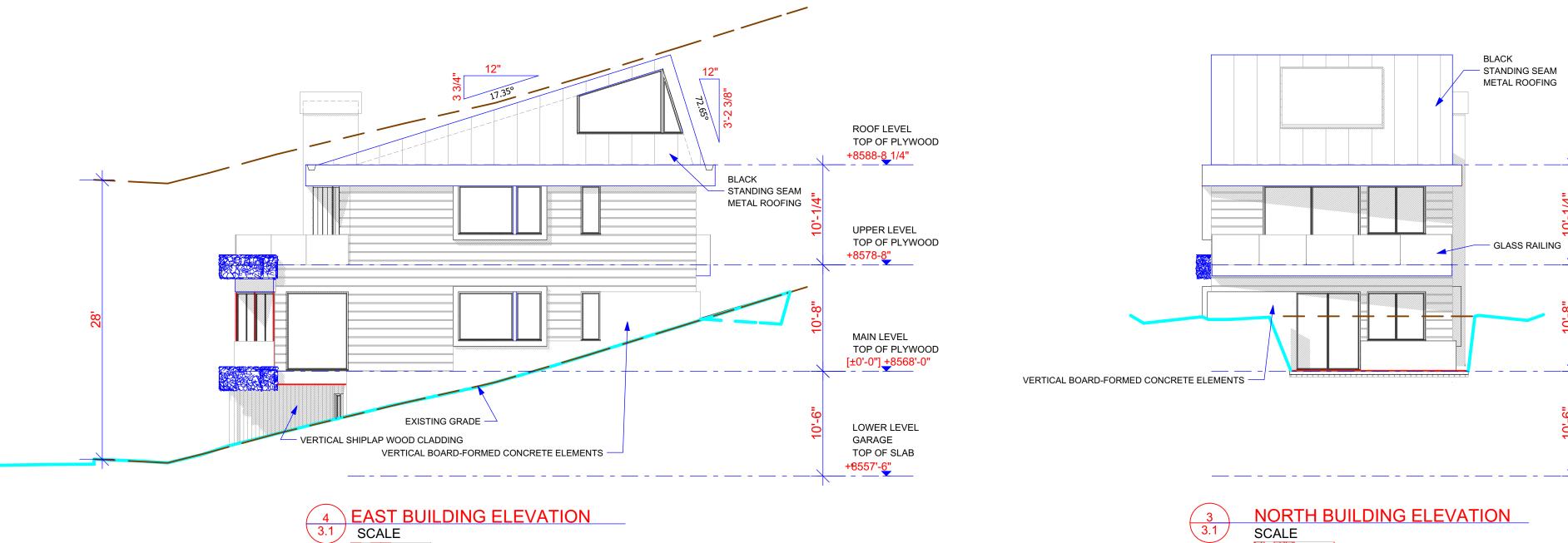
LOWER LEVEL COVERED ENTRY	105 sqft
MAIN LEVEL BALCONY AND PATIO	143 sqft
UPPER LEVEL BALCONIES	314 sqft
ROOF LEVEL BALCONY	322 sqft
ENCLOSED GARAGE	302 sqft

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

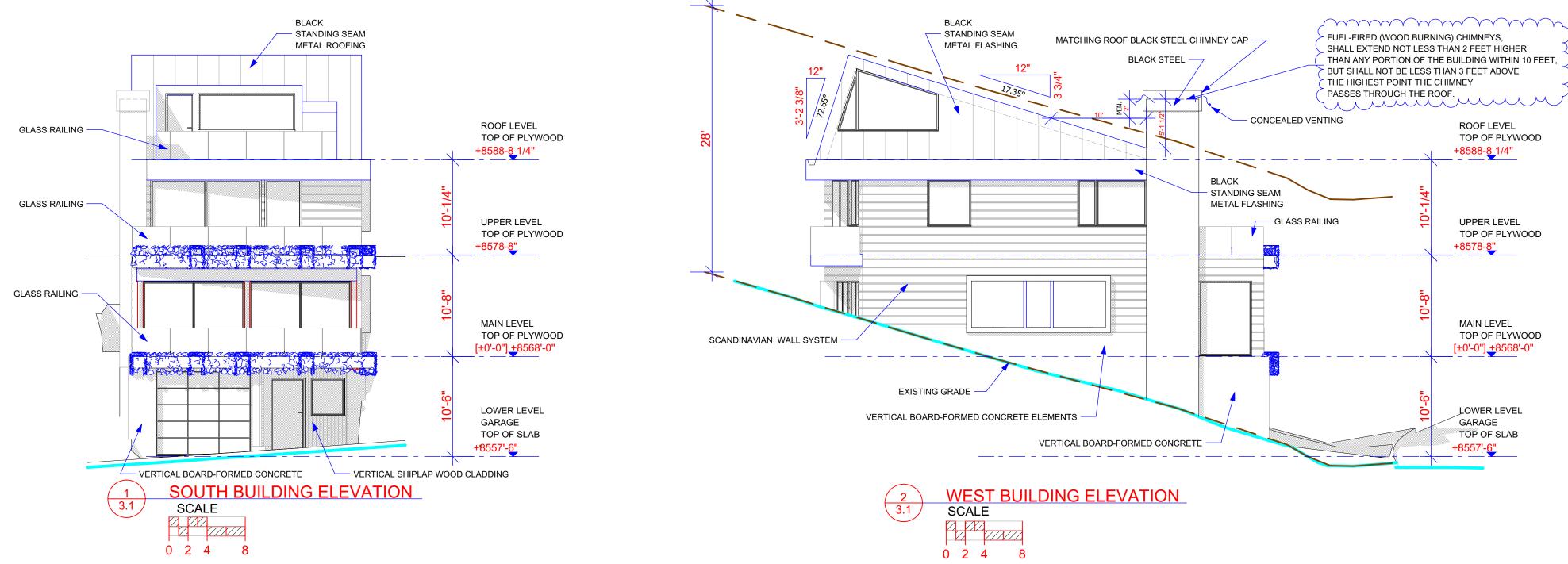
GROSS TOTAL AREA











ARCHITECTURAL OFFICE Company Name Scondinavian LLC Address Park Loop Rd. Unit Phone 435–513–035 Fax Project No. Cad File Drawn Checked BRAK Meper Conuty, Utah Utah Utah Utah Utah Utah Utah Utah	S CANDINAVIA N LLC		S CANDINAVIA N	
A New Residence: E KINGSBURY AND MERRIT CHES Summit Powder Mountain, Lot # 70 8492 E. Spring Park, Weber County, Utah	Company Name Scandinavian LI Address 6410 N. Busines Park Loop Rd. Unit Phone 435–513–03: Fax Project No. Cad File Drawn	Company Na ddress Parl Phone Fax Project No. Cad File Drawn	Ne Scanc H10 N Loop	dinavian LL I. Business ) Rd. Unit
	A New Residence: E KINGSBURY AND MERRIT CHES Summit Powder Mountain, Lot # 70 8492 E. Spring Park, Weber County, Utah	A New Residence:	E KINGSBURY AND MERRIT CHE	wder Mountair Park, Weber

3.1



ROOF LEVEL

+8588-8 1/4"

UPPER LEVEL

MAIN LEVEL TOP OF PLYWOOD

[±0'-0"] +8568'-0"

LOWER LEVEL

TOP OF SLAB

ROOF LEVEL

UPPER LEVEL

+8578-8"

MAIN LEVEL

[±0'-0"] +8568'-0"

LOWER LEVEL

TOP OF SLAB

GARAGE

+8557'-6"

TOP OF PLYWOOD

TOP OF PLYWOOD

+8588-8 1/4"

TOP OF PLYWOOD

+8557'-6"

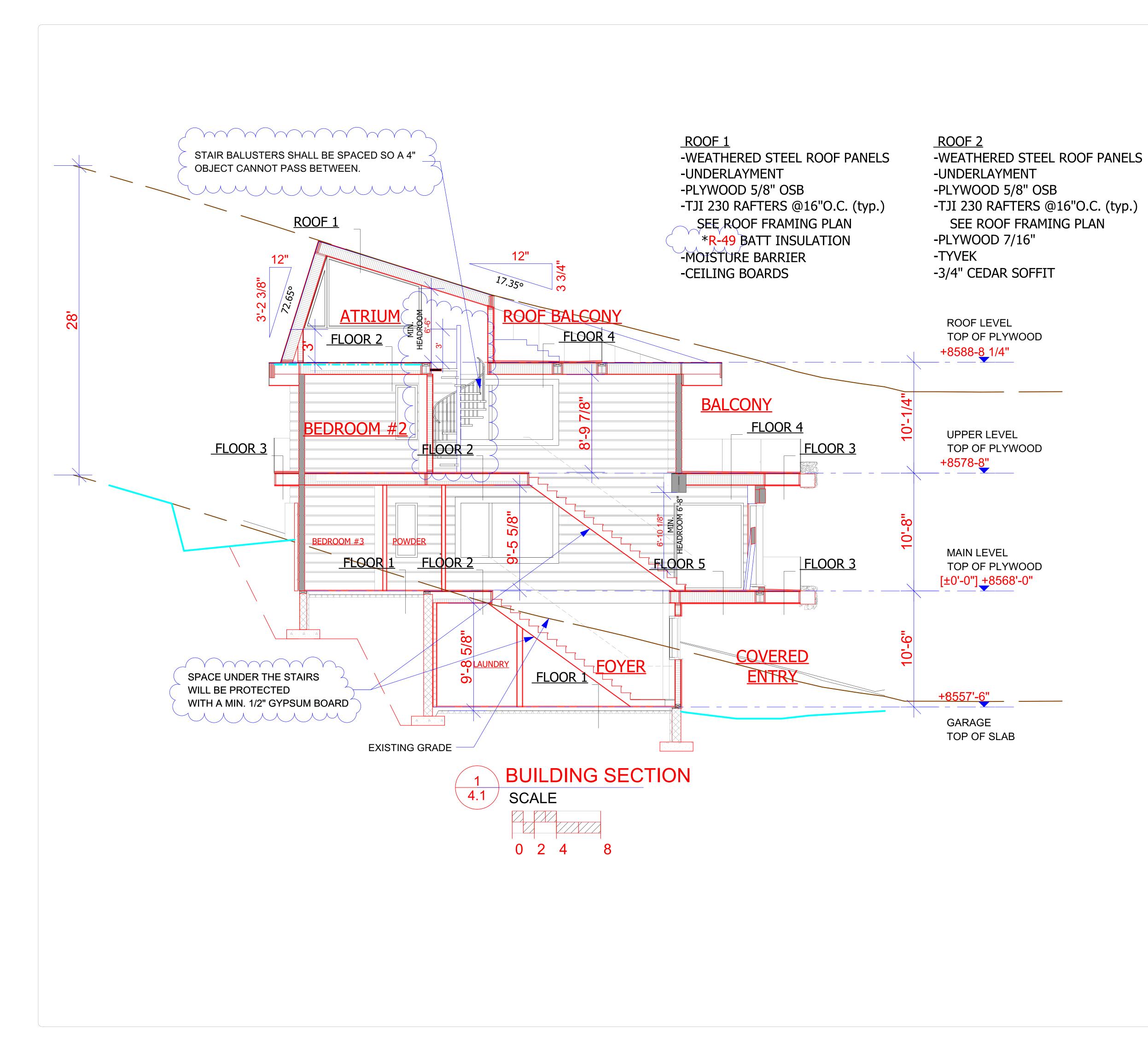
0 2 4

GARAGE

+8578-8"

TOP OF PLYWOOD

TOP OF PLYWOOD



<u>FLOOR 1</u> -FLOORING -4" REINFORCED CONC. SLAB (WELDED WIRE FABRIC) -6-MIL POLYETHENE VAPOR BARRIER -RIGID INSULATION 2" MINIMUM -COMPACTED GRANUAL BASE COURSE	S CANDINAVIA N LLC
<u>FLOOR 2</u> -FLOORING -3/4" OSB PLYWOOD SUBFLOOR -TJI 230 JOISTS @16"O.C. (typ.) * SOUND INSULATION -CEILING BOARDS <u>FLOOR 3</u> -1/4" TILE FLOORING	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
<ul> <li>-1/4" TILE FLOORING</li> <li>-1/4" WONDER BOARD &amp; WATERPROOFING MEMBRANE</li> <li>-3/4" OSB PLYWOOD SUBFLOOR</li> <li>-TJI 230 JOISTS @16"O.C. (typ.)</li> <li>-PLYWOOD 7/16"</li> <li>-TYVEK</li> <li>-3/4" CEDAR SOFFIT</li> <li><u>FLOOR 4</u></li> <li>-1/4" TILE FLOORING</li> <li>-1/4" WONDER BOARD &amp; WATERPROOFING MEMBRANE</li> <li>-3/4" OSB PLYWOOD SUBFLOOR</li> <li>-TJI 230 JOISTS @16"O.C. (typ.)</li> <li>SEE ROOF FRAMING PLAN</li> <li>*R-49 BATT INSULATION</li> <li>-MOISTURE BARRIER</li> <li>-CEILING BOARDS</li> </ul>	A New Residence: BLAKE KINGSBURY AND MERRIT CHESSON summit Powder Mountain, Lot # 70 8492 E. Spring Park, Weber County, Utah
<u>FLOOR 5</u> -FLOORING -3/4" OSB PLYWOOD SUBFLOOR -TJI 230 JOISTS @16"O.C. (typ.) SEE ROOF FRAMING PLAN *R-49 BATT INSULATION -PLYWOOD 7/16" -TYVEK -3/4" CEDAR SOFFIT	BUILDER Company Name Address Park City, Utah 84098 Phone Fax



06-21-2018

1/4" = 1' -0"

BUILDING

4.1

SECTION BUILDER/ DEALER'S APPROVAL :

Drawing Date

Signature and Date

Scale Title/No.

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	DING CODES USED FOR DESIGN:	1.	NO PIPES, DUCTS, SLEEVES, ETC. SHALL BE PLACED IN STRUCTURAL CONCRE UNLESS SPECIFICALLY DETAILED OR APPROVED BY STRUCTURAL ENGINEER.
2. DESI	IBC/IRC 2015 AS AMENDED BY THE STATE OF UTAH. GN LOADS: DESIGN LIVE LOADS:		UNLESS SPECIFICALLY DETAILED OR APPROVED BY STRUCTURAL ENGINEER. ALUMINUM PRODUCTS SHALL BE EMBEDDED IN CONCRETE. PENETRATIONS WALLS WHEN APPROVED SHALL BE BUILT INTO THE WALL PRIOR TO PLACEM CONCRETE. PENETRATIONS WILL NOT BE ALLOWED IN FOOTINGS OR GRADE DESIGNED AND DETAILED AS SEISMIC TIE ELEMENTS. PIPING, ETC. SHOULD
	FLOORS40PSFROOF SNOW LOAD188PSF (DRIFTING PER ASCE 7-10)		ROUTED AROUND THESE ELEMENTS AND FOOTINGS STEPPED TO AVOID PIPI PLUMBING AND ELECTRICAL SLEEVES NOT EXCEEDING 8" IN DIAMETER MAY PLACED IN FOUNDATION WALL PROVIDED NO REINFORCING IS CUT AND SLE
В.	BASIC WIND SPEED 115	2.	NOT PLACED CLOSER THAN 36" O.C REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, BE CAST IN TO CONCRETE, AND FOR EXTENT AND LOCATION OF DEPRESSIC CURBS, RAMPS, ETC
$\sim\sim$	IMPORTANCE FACTOR 1.0 EXROSLIRE COEFFICIENT C	3.	UNLESS OTHERWISE NOTED, MAKE ALL CONCRETE SLABS ON EARTH AT LEAS THICK.
C.	SEISMIC CRITERIA MAIN STRUCTURE: (IBC 2015 /ASCE 7 -10) RISK CATECORY II (Table 1604.5)	4.	AROUND OPENINGS LARGER THAN 12" IN ANY DIRECTION IN CONCRETE WAI (2) #4 BARS ALL SIDES IN ADDITION TO REGULAR WALL REINFORCING AND 24" EACH WAY BEYOND OPENING. WHERE 24" IS NOT AVAILABLE, EXTEND E FAR AS POSSIBLE AND TERMINATE WITH A STANDARD HOOK.
3	SEISMIC DESIGN CATEGORY D (Table 1613.3.5 1,2)         SITE CLASS       D (Geotech Report)         IMPORTANCE FACTOR, I∈       1.00 (Table 1.5-2)	5.	CONSTRUCTION JOINTS NOT SHOWN ON THE PLANS SHALL BE MADE AND LO SO AS TO NOT IMPAIR THE STRENGTH OF THE STRUCTURE AND AS APPROVE STRUCTURAL ENGINEER. ALL STEEL REINFORCING SHALL BE CONTINUOUS T
	RENGTHS:	6.	COLD JOINTS UNLESS NOTED OTHERWISE. ALL VERTICAL CONCRETE FACES (INCLUDING FOOTINGS) SHALL BE FORMED.
Α.	CONCRETE: STRENGTH AT CLASS 28 DAYS (PSI) TYPE LOCATION	REIN	MATERIALS SHALL BE STRAIGHT AND TRUE.
	A     4000     STD. WT.     INTERIOR SLABS       B     4000     STD. WT.     AIR-ENTRAINED SLABS & WALLS	1.	ALL REINFORCING BARS SHALL CONFORM TO ASTM STANDARD A-615 GRADE 60 AND ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM STANDARD
	C 3000 STD. WT. FOOTINGS		A-185 AND SHALL BE SUPPLIED IN FLAT SHEETS. ADEQUATELY TIE AND SUPPORT ALL REINFORCING STEEL AS SPECIFIED BY ACI 315, TO MAINTAIN REQUIRED POSITION. ALL FIELD BENT DOWELS SHALL BE BENT ONLY ONCE
В. С.	REINFORCEMENTFY = 60,000 PSISTRUCTURAL STEELFY = 50,000 PSI	2.	REINFORCEMENT SHALL HAVE THE FOLLOWING CONCRETE COVERAGE: CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH
D. E.	STRUCTURAL TUBES FY = 46,000 PSI		EXPOSED TO EARTH OR WEATHER: #6 & LARGER
E. GENERAL	STRUCTURAL PIPES FY = 35,000 PSI		NOT EXPOSED TO WEATHER OR EARTH: SLABS, WALLS, JOISTS, #11 & SMALLER
<u>General</u> A.	NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL		BEAMS, COLUMNS: MAIN REINFORCING OR TIES1-1/2" SLAB ON GRADE PLACE REINFORCING AT CENTER OF SLAB UNLESS INDICATED OTHERWISE.
В.	NOTES, TYPICAL DETAILS AND SPECIFICATIONS.	3.	EXCEPT WHERE NOTED, CONTINUOUS REINFORCEMENT SHALL BE SPLICED A OF MINIMUM STRESS BY LAPPING 36 BAR DIAMETERS IN CONCRETE AND 48
.ت	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	4.	ALL VERTICAL REINFORCING SHALL BE DOWELED TO FOOTINGS OR STRUCTU BELOW WITH DOWELS TO MATCH. SPLICE LENGTHS SHALL COMPLY WITH N
C.	INVOLVED. IN CASE OF CONFLICT, FOLLOW THE MOST STRINGENT REQUIREMENT AS DIRECTED BY THE DESIGNER WITHOUT ADDITIONAL COST TO THE OWNER. ALL DETAILS, SECTIONS, AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO		DOWELS INTO FOOTINGS SHALL TERMINATE WITH A STANDARD HOOK, AND EXTEND TO WITHIN 4" OF THE BOTTOM OF THE FOOTING, BUT NOT MORE T INTO FOOTING.
E.	BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS NOTED OR SHOWN OTHERWISE.	5.	DO NOT WELD REINFORCING EXCEPT AS NOTED ON PLANS. WHERE REINFO WELDED, USE ASTM A-706 REINFORCING OR FOLLOW UBC STANDARD 26-8.
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 DEPOSITION OF DEPOSITION O	<u>STRU</u> 1.	JCTURAL STEEL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE V
	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		THE LATEST EDITION OF THE FOLLOWING: A. STRUCTURAL STEEL FOR BUILDINGS", WITH "COMMENTARY". AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION
	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		<ul> <li>B. AISC "CODE OF STANDARD PRACTICE" EXCLUDING THE FOLLOWING SEC 1.5.1, 3.3 (FIRST SENTENCE), 4.2, 4.2.1, 4.2.2, 7.5.4, 7.11.5.</li> <li>C. AISI "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURE S</li></ul>
	IS COMPLETE. WALLS ARE NOT SELF SUPPORTING.	2.	MEMBERS". STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING:
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		SHAPES/PLATES - ASTM A-36 (U.N.O.) TUBES - ASTM A-500, GRADE B (FY = 46 KSI) PIPE COLUMNS - ASTM A-53, GRADE B TYPE E OR S
	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 CONTRACTOR'S OBLIGATION TO PROVIDE ITEMS		DEFORMED BAR ANCHORS (DBA) - ASTM A-496 HEADED STUD ANCHORS (HSA) - ASTM A-108 ANCHOR BOLTS (A.B.) - ASTM A-307, WITH ASTM A-563 HEAVY HEX NUT AND HARDENED WASHERS, GRADE A.
F.	NECESSARY FOR HIS CHOSEN PROCEDURE. OBSERVATION VISITS TO THE SITE BY THE ENGINEER OR THIER REPRESENTATIVES	3.	ALL OPEN WEB STEEL JOISTS AND GIRDERS SHALL BE FABRICATED AND ERE ACCORDANCE WITH THE LATEST EDITION OF "STANDARD SPECIFICATIONS
G.	SHALL NOT BE CONSTRUED AS INSPECTION NOR APPROVAL OF CONSTRUCTION.	4.	OF STANDARD PRACTICE" OF THE STEEL JOIST INSTITUTE. CONNECTIONS SHALL COMPLY WITH THE STRUCTURAL DRAWINGS UNLESS V APPROVAL TO CHANGE IS GIVEN BY THE STRUCTURAL ENGINEER.
	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.	5.	ALL SHOP FABRICATIONS SHALL BE PERFORMED BY AN APPROVED FABRICAT ACCORDING TO THE IBC.
Н.	ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF THE IBC.	6.	WELDING A. ALL WELDING AND CUTTING SHALL BE PERFORMED BY AWS CERTIFIED \
J.	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, OMMISIONS AND/OR SUBSTITUTIONS.		<ul> <li>B. USE E-70XX ELECTRODES UNLESS NOTED OTHERWISE. E60-XX MAY BE I FOR WELDING STEEL DECKS.</li> <li>C. ALL INTERSECTING STEEL SHAPES WHICH ARE NOT CONNECTED WITH B SHALL BE WELDED TOCETHER WITH A EFLICET WELD ALL ADOLUDIN UNLESS.</li> </ul>
К.	THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS AND ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS AND ARCHITECTURAL DRAWINGS WITH SITE CONDITIONS.		SHALL BE WELDED TOGETHER WITH A FILLET WELD ALL AROUND UNLES OTED OTHERWISE. WHERE WELD SIZES ARE NOT SHOWN USE THE FOLLOWING: 1) WHERE ALL CONNECTED PARTS ARE THICKER THAN 1/4' SIZE IS 1/16" LESS THAN THE THICKNESS OF THE THINKEST PART. 2) \
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, KERFS, ETC.		ANY OF THE CONNECTED PARTS IS LESS THAN 1/4" THICK, WELD SIZE IS AS THICKNESS OF THE THINNEST PART. D. WELDING OF HSA'S AND DBA'S SHALL CONFORM TO THE MANUFACTURE
М.	RECESSES, DEPRESSIONS, RAILINGS, WATERPROOFING, FINISHES, CHAMPERS, REFS, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION IN AND AROUND THE JOB SITE AND/OR ADJACENT PROPERTIES.		SPECIFICATIONS. E. WHEREVER POSSIBLE, WELDS SHALL BE SHOP WELDS. SPECIAL CONSIDERATIONS, SUCH AS ITEMS WHICH MAY NEED ADJUSTMENT AT
N.	CONTRACTOR MUST FIELD VERIFY ALL EXISTING CONDITIONS TO MATCH DETAILS SHOWN ON DRAWINGS.u IF ANY CONFLICTING CONDITIONS ARISE DURING CONSTRUCTION, CONTRACTOR SHALL NOTIFY DESIGNER BEFORE PROCEEDING WITH FABRICATION OR	_	REQUIRE THAT SOME WELDS BE FIELD WELDS. WHERE QUESTIONS OR DISCREPANCIES OCCUR THE CONTRACTOR SHALL COORDINATE THE WC BETWEEN THE SHOP FABRICATOR AND THE STEEL ERECTOR.
P.	CONSTRUCTION. THERMAL OR MOISTURE PROTECTION, FURNISHINGS, DOORS, WINDOWS,	7.	<ul> <li>BOLTING</li> <li>A. UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL TO STEEL CONNEC SHALL USE HIGH STRENGTH BOLTS CONFORMING TO ASTM A-325.</li> <li>B. UNLESS NOTED OTHERWISE ALL BOLTING IS CLASSIFIED AS NON-SLIP C</li> </ul>
FOUNDATI	EQUIPMENT, MECHANICAL, ELECTRICAL, FINISHES, SIDING, PANELING, VENEERS ARE NOT PART OF THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER. <u>ON NOTES</u>		BEARING TYPE CONNECTIONS WITH THREADS INCLUDED IN SHEAR PLAI TIGHTEN BOLTS TO A SNUG TIGHT CONDITION, WITH ALL PLIES OF THE IN FIRM CONTACT.
	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 CC	NCRETE	<ul> <li>C. AT OVERSIZE AND SLOTTED HOLES, WASHERS SHALL CONFORM TO ASTI AND COMPLETELY COVER THE HOLE.</li> <li>D. WHERE A STEEL BEAM TO BEAM CONNECTION IS NOT SHOWN, PROVIDE</li> </ul>
2.	ALL FOOTINGS SHALL BEAR 18" MINIMUM INTO ORIGINAL UNDISTURBED EARTH OR ON ENGINEERED FILL COMPACTED TO 95% OF MAXIMUM RELATIVE DENSITY BASED ON		STANDARD FRAMED CONNECTION SIZED FOR 1/2 OF THE TOTAL LOAD C OF THE BEAM FOR THE SPAN AND STEEL SPECIFIED.
	ASTM D-1557-70. SUCH FILL SHALL BE PLACED IN LAYERS NOT TO EXCEED 6 INCHES IN DEPTH AFTER COMPACTION.		FLANGE WIDTH     U     STIFFENER THICKNESS     WELD SIZE       < 8.1/4"
3. 4.	NO FOOTINGS SHALL BE PLACED IN WATER OR ON FROZEN GROUND. EXTERIOR WALL FOOTINGS SHALL BEAR AT A MINIMUM DEPTH OF 3'-6" BELOW		< 8 1/4" $1/4"$ $3/16"$ $8 1/4" < BF < 12 1/2"$ $3/8"$ $1/4"$ $12 1/2" < BF < 18"$ $1/2"$ $5/16"$
	FINISHED EXTERIOR GRADE.	8.	FABRICATORS AND SUPPLIERS SHALL COORDINATE PAINT/FINISHES WITH
	DO NOT PLACE BACKFILL AGAINST FOUNDATION WALLS UNTIL BRACING FLOOR IS IN PLACE OR ADEQUATE SHORING IS INSTALLED. ALL FOUNDATION WALLS ARE 8" THICK UNLESS NOTED OTHERWISE ON PLAN. REFER TO CONCRETE NOTES AND PLANS FOR WALL REINFORCEMENT, TYPE, AND SIZE OF		REQUIREMENTS FOR DIRECT APPLIED INSULATION, FIREPROOFING, ETC. AS IN THE PROJECT SPECIFICATIONS.
CTATES	ANCHORS REQUIRED.		
STAIRS	_		ROOFING:
THE PE AND NO	AIRS MUST PROVIDE A REQUIRED MINIMUM WIDTH OF 36" ABOVE RMITTED HAND RAIL AND BELOW THE REQUIRED HEADROOM HEIGHT DT LESS THAN 31.5" CLEAR MINIMUM WIDTH AT AND BELOW NDRAIL HEIGHT, INCLUDING TREADS AND LANDINGS. 311.5.1		ICE AND WATER SHIELD EXTEN INSIDE THE EXTERIOR WALL LINE. R905.8.3
	XIMUM RISE OF A STEP IS 8" AND THE MINIMUM RUN IS 9". R311.5.3 S	TATE	
THE MI 12"	NIMUM WIDTH OF THE RUN NARROWER END IS 6" AND THE RUN MUST	BE 10	0" AT A POINT SECTION R905.2.2
	OM THE NARROWER POINT. R311.5.3.2		SECTION 506. CLASS 3 IGNITIO
	NIMUM HEADROOM VERTICALLY FROM NOSING LINE IS 6'-8". R311.5.2		506.1 GENERAL. CLASS 3 IGNITION-RESISTANT SECTIONS FOR 3 THROUGH FOR
ABOVE	TNUOUS HANDRAIL IS REQUIRED ALONG A STAIRWAY. IT IS REQUIRED THE NOSING OF THE STEPS. ENDS SHALL RETURN OR SHALL TERMINAT TETY TERMINALS, R311.5.6		
	NDGRIP PORTION OF HANDRAILS SHALL BE NOT LESS THAN 1 1/4" NO	r Mof	ROOFS SHALL HAVE AT LEAST A ASSEMBLY OR APPROVED NONC
5/8"	, -		COVERINGS WHERE THE PROFIL COVERING AND ROOF DECKING

HANDRAILS PROJECTING FROM A WALL SHALL HAVE A MINIMUM SPACE OF 1 1/2" BETWEEN THE WALL

THE MAXIMUM SIZE OF OPENINGS IN THE HANDRAIL / GUARDRAIL ON THE OPEN SIDE OF A STAIRWAY

A 36" HIGH GUARDRAIL IS REQUIRED WHERE STEP IS GREATER THAN 30" TO FLOOR OR GRADE BELOW. THE SPACING BETWEEN MEMBERS SHALL BE A MAXIMUM OF 40". R312.1

LANDINGS SHALL HAVE A MINIMUM DIMENSION MEASURED IN THE DIRECTION OF TRAVEL OF 36". R311.4.3

ENCLOSED ACCESSIBLE SPACE UNDER STAIRS SHALL HAVE WALLS AND SOFFITS PROTECTED ON ENCLOSED SIDE WITH 1/2" GYPSUM BOARD. R311.2.2

# EPOXY ADHISIVE: IBC REQUIREMENTS.

5/8" AND 3/4" DIAMETER.

MISCELLANEOUS:

SUBMITTALS: "SCANDINAVIAN" LOG FRAMING.

- OF THE ENGINEER.
- STRUCTURAL ELEMENTS INDUCED BY CONNECTION LOADS. DESIGN SHALL BE BASED ON THE REQUIREMENTS OF THE CURRENT IBC.
- THE STATE OF JURISDICTION, AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION. ARCHITECT PRIOR TO CONSTRUCTION.
- WOOD FRAMING NOTES FOR WOOD CONSTRUCTION IN THE FOLLOWING GRADES (UNLESS NOTED OTHERWISE ON PLANS): DIMENSIONED LUMBER - BEAMS, JOISTS: #2 OR BETTER (FB = 875 PSI, FV = 95 PSI, E = 1600 KSI) ROUGH SAWN - BEAMS, STRINGERS: #1 OR BETTER (FB = 1350 PSI, FV = 85 PSI, E = 1600KSI) POSTS, TIMBERS: #1 OR BETTER (FB = 1200 PSI, FV = 85 PSI, E = 1600 KSI)

STUDS: (FB = 675PSI, FC = 725 PSI, E = 1200 KSI)

- AS REQUIRED BY THE JOIST MANUFACTURER.
- 6. ALL WOOD BEAMS AND HEADERS SHALL BEAR ON MINIMUM OF TWO CRIPPLE STUDS AT EACH END UNLESS SHOWN OTHERWISE.
- OTHERWISE ON PLANS.

- 20 FEET FOR 2X6.
- (B) SHEATH ALL EXTERIOR WALLS
- (D) ALL WALL SHEATHING SHALL BE CONTINUOUS FROM SILL PLATE TO DOUBLE TOP PLATE. WHERE NECESSARY, MINIMUM DEPTH OF JOINT IN SHEATHING SHALL

R 703.7.3 STEEL LINTELS SHALL BE SHOP COATED WITH A RUST- INHIBITIVE PAINT, EXCEPT EXTENDING FROM THE EAVES TO A POINT AT LEAST 24" FOR LINTELS MADE OF CORROSION-RESISTANT STEEL. R 317.1.5 STRUCTURAL LAMINATED TIMBERS THAT ARE NOT COVERED BY A ROOF SHALL BE S SHALL NOT BE INSTALLED ON ROOFS HAVEING A SLOPE TREATED WITH PRESERVATIVE.

R 602.11.1 LAYMENT IS INSTALLED IN ACCORDANCE WITH IRC A3" SQUARE WASHER IS REQUIRED FOR WALL ANCHORAGE, THIS WILL REQUIRE A ROUND CUT WASHER BETWEEN SQUARE WASHER AND NUT.

GNITION-RESISTANT CONSTRUCTION:

STANT CONSTRUSTION SHALL BE IN ACCORDANCE WITH GH 506.4.

EAST A CLASS A ROOF COVERING, CLASS C ROOF D NONCOMBUSTIBLE ROOF COVERING. FOR ROOF PROFILE ALLOWS A SPACE BETWEEN THE ROOF ECKING, THE SPACE AT THE EAVE ENDS SHALL BE UDE ENTRY OF FLAMES OR EMBERS.

506.3 UNENCLOSED UNDERFLOOR PROTECTION.

BUILDINGS OR STRUCTURES SHALL HAVE ALL UNDERFLOOR AREAS ENCLOSED TO THE GROUND WITH EXTERIOR WALLS.

EXEPTION: 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.

506.4 VENTS.

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).

- 8. BUILT-UP COLUMNS SPIKED TOGETHER WITH 16D SPIKES AT 12" O.C. 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
- WITH 16D COMMON NAILS @ 3" O.C., STAGGERED.
- WITHOUT SPECIFIC APPROVAL OF STRUCTURAL ENGINEER. 16. MAXIMUM HEIGHT OF NON-BEARING STUDS SHALL BE 14 FEET FOR 2X4 AND
- 17. STUD BEARING WALLS/EXTERIOR STUD WALLS/SHEAR WALLS:

AND THE NEAREST PORTION OF THE HANDRAIL. R315

IS 4 3/8". R312.2, EX 2

#### A. EXPANSION BOLTS, CHEMICAL ANCHORS, DEFORMED BAR ANCHORS AND HEADED STUDS: ALL EXPANSION BOLTS SHALL BE HILTI KWIK BOLTS AS NOTED ON THE DRAWINGS, OR APPROVED WITH EQUIVALANT ICBO ALLOWABLE TENSION AND SHEAR VALUES. MINIMUM EMBEDMENT UNLESS OTHERWISE NOTED SHALL BE: 4" FOR 1/2" DIAMETER, 5" FOR

B. HEADED SHEAR STUDS SHALL BE NELSON HEADED ANCHORS WITH FLUXED ENDS OR APPROVED. DEFORMED BAR ANCHORS (DBA) SHALL BE NELSEN, TYPE D2L, OR APPROVED. STUDS AND DBA SHALL BE AUTÓMATICALLY END-WELDED WITH THE MANUFACTURER'S STANDARD EQUIPMENT IN ACCORDANCE WITH THEIR RECOMMENDATIONS. EMBEDDED PLATES AND ANCHOR BOLTS:

PERMANENTLY EXPOSED PLATES AND ANGLES SHALL BE HOT-DIPPED. GAI VANI7FD 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. ALL ANCHOR BOLTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT ARE FURNISHED AND OCATED BY THE RESPECTIVE CONTRACTORS AND SET BY GENERAL CONTRACTOR EXCEPT

EPOXY ADHESIVE SHALL CONFORM TO ASTM C881 AND SHALL BE A TWO-COMPONENT, IQUID EPOXY WITH NON-SAG CONSISTENCY AND A LONG POT LIFE, AND SHALL BE SUITABLE FOR USE ON DRY OR DAMP SURFACES, MINIMUM SLANT SHEAR STREGTH HALL BE 5,000 PSI, AND MINIMUM TENSILLE STRENGTH SHALL BE 4,000 PSI. HOLDS SIZES AND INSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH APPROVED

WHERE THE OTHER CONTRACTORS FURNISH THEIR OWN CONCRETE PADS.

ALL CORE DRILLING SHALL BE DONE BY THE MECHANICAL AND ELECTRICAL CONTRACTORS FOR THEIR OWN WORK UNDER THE SUPERVISION OF THE GENERAL CONTRACTOR. THERE SHALL NOT BE ANY CORE DRILLING THROUGH BEAMS OR COLUMNS. MAXIMUM CORE HOLE THROUGH SLABS SHALL BE PIPE DIAMETER PLUS 1".

A. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FABRICATION FOR

B IE 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 ARE SUBJECT TO REVIEW AND ACCEPTANCE

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 INCLUDED FOR ALL CONNECTIONS TO THE STRUCTURE. CONSIDERING LOCALIZED FEFECTS ON

THE CONTRACTOR SHALL COORDINATE SEISMIC RESTRAINTS OF MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT, MACHINERY, AND ASSOCIATED PIPING WITH THE STRUCTURE. ANY CONNECTIONS TO STRUCTURE NOT CONFORMING TO STEEL METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA), OR SPECIFICALLY DETAILED ON THE MECHANICAL ENGINEER'S DRAWINGS, SHALL BE DESIGNED BY AN ENGINEER REGISTERED IN

E. FIELD ENGINEERED 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

1. FRAMING LUMBER: DOUGLAS FIR LARCH OR HEM FIR (SURFACED DRY NOT TO EXCEED 19% MAXIMUM MOISTURE CONTENT, CONFORMING TO THE NATIONAL DESIGN SPECIFICATION

STUD(HEM-FIR OR D.F)

2. ALL GLUE LAMINATED TIMBER MEMBERS SHALL BE GRADE 24F-V4 FOR SINGLE SPANS, 24F-V8 WHERE SPECIFIED, DF/DF, CONFORMING TO THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (FB = 2400 PSI, FV = 165 PSI, E = 1800 KSI). ALL SCANDINAVIAN WALL PROFILE SUPPLIED BY LOG HOME MANUFACTURER CONFORM TO L30 (LAMINATED, FB = 1740 PSI, FV = 165 PSI, E = 1015965 PSI) OR T30 (SAWN, FB = 1600 PSI, FV = 139 PSI, E = 1015965 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

4. NATI ING SHALL CONFORM TO STANDARD NAILING SCHEDULE 2304.9.1 OF THE IBC, UNLESS NOTED OTHERWISE ON PLANS OR SCHEDULES. ALL NAILS SHALL BE COMMON NAILS.

BUILT-UP BEAMS OF 2X MEMBERS SHALL BE SPIKED TOGETHER WITH 16D.SPIKES AT 12" O.C. STAGGERED. USE 2-20D COMMON NAILS AT ALLSUPPORTS.

ALL WOOD POSTS, BUILT-UP COLUMNS SHALL BE CONTINUOUS TO FOUNDATION OR ELOOR TOTSTS, SOLID BLOCK ALL POSTS OR COLUMNS AT ELOOR LINES.

HANGER TO BE SPECIFIED BY THE TRUSS / JOIST SUPPLIER UNLESS NOTED OTHERWISE ON PLAN.

DOUGLAS FIR LARCH (FC = 625 PSI), WHEN IN CONTACT WITH CONCRETE. 13. SECURE SILL PLATE TO FOUNDATION WITH 5/8"O X 12" A.B. @ 48" O.C. UNLESS NOTED

14. DOUBLE TOP AND BOTTOM PLATES TO BE LAPPED 4'-0" AT SPLICE AND CONNECT

15. NOTCHING OR DRILLING THROUGH ANY LUMBER MEMBER WILL NOT BE ALLOWED

(A) ALL EXTERIOR WALLS SHALL BE 2X6 STUDS AT 16" 0.C. U.N.O. ALL INTERIOR WALLS SHALL BE 2x4 OR 2x6 STUDS AT 16" O/C REFER TO PLAN FOR SIZE U.N.O.

WITH 7/16" A.P.A. RATED STRUCTURAL EXTERIOR SHEATHING.

(C) NAIL SHEATHING WITH 8D AT 6" ALL EDGES WITH ALL EDGES BLOCKED AND 8D AT 12" AL ELSE, REFER TO PLAN FOR ADDITIONAL REQUIREMENTS.

BE 2'-0" BELOW TOP OR ABOVE BOTTOM PLATE. BLOCK ALL PANEL EDGES.

#### 18. ROOF SHEATHING:

(A) 5/8" A.P.A. RATED STRUCTURAL II, EXTERIOR, PANEL INDEX #40/20 (B) NAIL WITH: 8D @ 6" O.C. -SUPPORTED PANEL EDGES, 8D @ 12"O.C. - ALL ELSE (C) PLACE LONG DIRECTION OF PANELS PERPENDICULAR TO JOISTS IN A STAGGERED PATTERN.

19. FLOOR SHEATHING:

- (A) 3/4" A.P.A. RATED STURD-I-FLOOR, EXPOSURE I, PANEL INDEX #40/20, TONGUE & GROOVE (B) GLUE & NAIL WITH: 10D @ 6" O.C. -SUPPORTED PANEL EDGES,10D @ 10"O.C. -
- ALL ELSE (C) PLACE LONG DIRECTION OF PANELS PERPENDICULAR TO JOISTS IN
- A STAGGERED PATTERN.
- SECONDARY FRAMING (E) ALL PRIMARY ROOF FRAMING SHALL BE ENTIRELY AND CONTINUOUSLY
- SHEATHED BEFORE ADDING SECONDARY FRAMING. (F) ALL NAILERS FOR SECONDARY FRAMING SHALL BE 2X12'S LAID FLAT AND NAILED WITH TWO ROWS OF 10D NAILS AT 4" O.C.
- 20. ROOF TRUSSES:
- (A) DESIGN TRUSSES FOR FOLLOIWNG CRITERIA:
- DEAD LOAD = 20 PSF LIVE LOAD 188 PSF LIVE LOAD DEALER TION= L/400 MAXIMUM
- (B) HANDLING, INSTALLING AND TEMPORARY BRACING OF TRUSSES SHALL BE IN ACCORDANCE WITH THE HIB-91 SUMMARY SHEET BY
- THE TRUSS PLATE INSTITUTE. (C) NO STRESS INCREASE ALLOWED FOR TRUSS DESIGN.
- (D) TRUSS MANUFACTURER SHALL PROVIDE HANGERS FOR ALL TRUSS

TO TRUSS CONNECTIONS. (E) TRUSS MANUFACTURER SHALL SUBMIT TRUSS DESIGN, STAMPED BY A LICENSED ENGINEER, TO ARCHITECT FOR REVIEW. SUBMITTAL SHALL INCLUDE SCHEMATIC DIAGRAMS SHOWING: SIZES, SLOPES, LOADS, SPANS, AND BEARING CONDITIONS.

- Chimneys shall extend at least 2 feet higher than any portion of the building within 10 feet horizontally of the chimney, but shall not be less than 3 feet above the point where the chimney passes through the roof.
- Minimum 18" clearance above earth for wood joists and 12' clearance for wood girders in a crawl space unless redwood or treated wood is used.
- Enclosed attics and spaces between rafters shall have cross ventilation for each separate space by ventilating openings, which are protected against the entrance of rain or snow. The total net free area shall be less than 1 to 150 of the open space ventilated. The total ventilating area ratio may be reduced to not less than 1 to 300 if either 1) openings are provided in the upper and lower portions of the ventilated space, or 2) a 1 perm
- vapor barrier is installed on the warm side of the ceiling. - Minimum 4 mil. Polyethylene vapor retarded on exterior walls and roof ceilings.
- Provide 1/2 inch airspace at top, sides ad ends of girders entering terior concrete or masonry walls unless woods resistant to decay are used.

- Nor wood shall be nearer than 6 inches to earth unless separated by concrete at least 3 inches in thickness with an impervious membrane installed between the earth and the concrete. This includes decks and siding.

- For masonry fireplaces, combustible material shall not be placed within 2 inches of fireplace smoke chamber or chimney walls. Combustible material shall not be placed within inches of the fireplace opening. Combustible material within 12 inches of the fireplace opening shall not project more than 1/8 inch from each inch distance from the opening to the fireplace.

- Basements with habitable space and each sleeping room one very level shall have egress/rescue windows that area at net 5.7 square feet of open-able area, with a net clear open-able height of at least 24 inches and a net clear open-able width of at least 20 inches. Grade floor openings mat be reduced to a net clear opening of 5 square feet.

- Frameless glass doors glazing in doors, glazing within 24 inch arch of doors, glazing less than 60 inches above a walking surface that is within 5 feet of stairs and glazing within 5 feet of spas or pools, certain fixed glass panels and similar glazed openings subject to human impact shall be safety glazing, tempered or laminated glass, properly identified

#### - Special Inspections:

Provide minimum clearance of 21 inches in front of water close

- Provide a shut-off valve for all plumbing fixture supplies. - Provide a comfort heating system capable of maintaining 68 degrees F at a point 36 inches above the floor in all rooms
- Combustion air for all fuel-burning appliances at a minimur rate of 1 square inch per 3,000 BTU/hour input rating.
- Clearance around equipment, minimum 3 inches sides and rear and 6 inches at front, unless equipment listing provides otherwise - Location of gas logs and all gas appliances with a shut-off valve within 6 feet of the appliance.
- The maximum length of clothes dryer duct with 2 90 degree elbows in 5 feet.
- Insulate heating trunk and branch supply ducts in unfinished areas, crawl spaces, attics and unheated garages per the Recheck.
- All receptacles serving kitchen countertops, in garages, bathrooms, unfinished basements and outside (exterior) locations shall be GFCI protected.
- Clearance for lights in closets must comply with IRC E3903.11 - All circuit breakers serving 110 amp outlets in bedrooms shall
- be AFCI. - Weep hole size and spacing on veneer detail 33 inches.

ADDITION	AL NOTES			
N1102.4.1.1 (R402.4			<u>GENERAL:</u>	
instructions and the	the <i>building thermal envelope</i> as listed in Table criteria listed in Table N1102.4.1.1, as applicab arty shall inspect all components and verify com	N1102.4.1.1 shall be installed in accordance with the manufacturer's ble to the method of construction. Where required by the <i>building official</i> ,	ALL SHOWER DOORS SHALL SWING OUTWARD. IRC P2708.1	
	1 (402.4.1.1) AIR BARRIER AND INSULAT		GLAZING USED IN DOORS AND PANELS OF SHOWERS AND BATHTUB ENCLOSURES	
COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA	AND WALLS ENCASING THESE COMPARTMENTS SHALL BE TEMPERED.	
	A continuous air barrier shall be installed in the building envelope.		VENTILATION:	A
General requirement	The exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be	Air-permeable insulation shall not be used as a sealing material.	WINDOWS IN BATHROOMS, WATER CLOSET COMPARTMENTS, AND SIMILAR AREAS SHALL BE A MINIMUM OF 1 1/2 SQUARE FEET, UNLESS A MECHANICAL VENTILATION SYSTEM OF 50 CFM IS PROVIDED (20	
Ceiling/attic	sealed. The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier sealed. Access openings, drop down stairs or knee wall doors to unconditioned attic spaces shall be sealed.	The insulation in any dropped ceiling/soffit shall be aligned with the air barrier.	CEM FOR CONTINUOUS). BATHROOMS INTO SEPARATE AREAS WITH WATER USING FIXTURES REQUIRE INDIVIDUAL VENTILATION IN EACH OF THOSE AREAS. VENTILATION AIR SHALL BE EXHAUSTED DIRECTLY TO THE OUTSIDE. R303.3	CANI
Walls	The junction of the foundation and sill plate shall be sealed. The junction of the top plate and the top of exterior	Cavities within corners and headers of frame walls shall be insulated by completely filling the cavity with a material having a thermal resistance of R-3 per inch minimum. Exterior thermal envelope insulation for framed walls shall be installed	PLUMBING: WATER CLOSET TANK WITH A FLOW RATE OF NOT MORE THAN 1.6 GALLONS PER FLUSH. P2903.2	
	walls shall be sealed. Knee walls shall be sealed. The space between window/door jambs and	in substantial contact and continuous alignment with the air barrier.	SHOWERHEADS WITH A FLOW RATE OF NOT MORE THAN 2.5 GPM. P2903.2	
Windows, skylights and doors	framing, and skylights and framing shall be sealed.		SHOWERS SHALL FINISHED TO HEIGHT OF NOT LESS THAN 72" ABOVE THE	
Rim joists	Rim joists shall include the air barrier.	Rim joists shall be insulated. Floor framing cavity insulation shall be installed	FLOOR. MATERIAL SHALL BE OF A NONABSORBENT TYPE.	
Floors (including above garage and cantilevered floors)	The air barrier shall be installed at any exposed edge of insulation.	to maintain permanent contact with the underside of subfloor decking, or floor framing cavity insulation shall be permitted to be in contact with the top side of sheathing, or continuous insulation installed on the underside of floor framing; and extends from the bottom to the top	ALL PLUMBING VENTS THROUGH THE ROOF TO BE A MINIMUM 3" PIPE. P3103.2 IN SEISMIC DESIGN CATEGORIES C1, D1 AND D2 WATER HEATERS SHALL	ARCHITECTURAL OFFICE Company Name Scandinavian LLC
Crawl space walls	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	of all perimeter floor framing members. Where provided instead of floor insulation, insulation shall be permanently attached to the crawl space walls.	BE ANCHORED OR STRAPPED IN THE UPPER THIRD OF THE APPLIANCE TO RESIST A	Address 6410 N. Business
Shafts, penetrations	Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed.		HORIZONTAL FORCE EQUAL TO ONE THIRD OF THE OPERATING WEIGHT. P2801.2 GARAGE:	Park Loop Rd. Unit E Phone 435-513-0355 Fax
Narrow cavities	snan de sealed.	Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that	THE GARAGE MUST BE SEPARATED FROM THE DWELLING INCLUDING ATTIC	Project No.
	A is saaling shall be provided between the	on installation readily conforms to the available cavity space.	WITH 1/2" GYPSUM BOARD	Cad File
Garage separation	Air sealing shall be provided between the garage and conditioned spaces. Recessed light fixtures installed in the		ON THE GARAGE SIDE. IF LIVING SPACE IS ABOVE IT MUST BE 5/8" TYPE X ON THE CEILING. R309.2	Drawn Checked
Recessed lighting	building thermal envelope shall be sealed to the	Recessed light fixtures installed in the building thermal envelope shall be air tight and IC rated.	MAXIMUM SPACING OF FRAMING MEMBER ON CEILING IS 16" O.C. FOR 1/2" OR 5/8" EITHER DIRECTION.	
Plumbing and wiring	drywall.	Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall outend behind piping and wiring	THE DOOR BETWEEN THE GARAGE AND THE DWELLING IS REQUIRED TO BE A 1 3/8" THICK SOLID CORE DOOR, HONEYCOMB CORE STEEL DOOR OR 20 MINUTE FIRE-RATED. R309.2	Z
Shower/tub on exterior wall	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the	extend behind piping and wiring. Exterior walls adjacent to showers and tubs shall be insulated.	GARAGE ATTIC ACCESS DOOR SHALL BE 20 MINUTE LABELED OR OF EQUIVALENT CONSTRUCTIONS. R309	NOSS
Electrical/phone box on exterior walls	showers and tubs. The air barrier shall be installed behind electrical or communication boxes or air- sealed boxes shall be installed.		AUTOMATIC GARAGE DOOR OPENERS, IF PROVIDED, SHALL BE TESTED IN ACCORDANCE WITH UL325. R309.6	CHES tah
HVAC register boots	HVAC register boots that penetrate building thermal envelope shall be sealed to the		MINIMUM WIDTH OF DRIVEWAY SHALL BE 20 FEET.	<b>217</b> 4 70 hty, U
Concealed sprinklers	subfloor or drywall. When required to be sealed, concealed fire		MECHANICAL:	ERF Lot # Coun
	sprinklers shall only be sealed in a manner that is recommended by the manufacturer. Caulking or other adhesive sealants shall not be used to fill voids between fire sprinkler cover plates and walls or ceilings.		THE MAXIMUM LENGTH OF A DRYER EXHAUST VENT IS 25 FEET. A REDUCTION IN THE MAXIMUM LENGHT OF 2.5 FEET FOR EACH 45-DEGREE BEND AND 5 FEET FOR EACH 90-DEGREE BEND SHALL APPLY. OR DRYER LISTING. M1502.6	esidence ND MER Mountain, Lot
· · ·	ion of log walls shall be in accordance with the prov	visions of ICC 400.	FUEL-FIRED WATER HEATERS SHALL NOT BE INSTALLED IN A ROOM USED AS A STORAGE ROOM / CLOSET. M2005.2	w R Y Al wder I Park
	05 OVERHEAD EXHAUST HOODS		THE LISTING FOR THE FIREPLACE SHOWN ON THE PLANS SHALL BE	P P P
mm) (No. 28 gag cabinets. A cleara combustible mate discharge to the c when not in opera	op broiler units shall have a metal exhaust e) with $\frac{1}{4}$ inch (6.4 mm) clearance betwe ance of not less than 24 inches (610 mm) erial or cabinet. The hood shall be not less butdoors and be equipped with a backdra ation. Broiler units incorporating an integ	st hood, having a minimum thickness of 0.0157-inch (0.3950 veen the hood and the underside of combustible material or ) shall be maintained between the cooking surface and the ss than the width of the broiler unit, extend over the entire unit, ft damper or other means to control infiltration/exfiltration gral exhaust system, and <i>listed</i> and <i>labeled</i> for use without an	PROVIDED AT MECHANICAL INSPECTION. IF THIS IS A WOOD BURNING FIREPLACES SUBMIT LISTING SHOWING EPA COMPLIANCE. M1401.1 MECHANICAL EQUIPMENT, INCLUDING WATER HEATERS, IN THE GARAGE NEEDS TO BE ELEVATED 18" OFF FINISHED FLOOR. ROOMS OR SPACES THAT ARE NOT PART OF THE LIVING SPACE OF A DWELLING UNIT AND THAT COMMUNICATE WITH A PRIVATE GARAGE THROUGH OPENINGS SHALL BE CONSIDERED TO BE PART OF THE GARAGE. M1307.3	A KINGSB <sup>Summ</sup> 8492 E. Sp
	ed not have an exhaust hood.	ST OPENINGS	HYDRO-MASSAGE BATHTUB ELECTRICAL EQUIPMENT SHALL BE ACCESSIBLE WITHOUT DAMAGING THE BUILDING STRUCTURE OR BUILDING FINISH. SHOW LOCATION WHERE IS JETTED TUB MOTOR ACCESS PLACED.	BLAKE
M1506.1 Duct co Where exhaust du		hapter, construction shall comply with Chapter 16.	E4209.3 FRAMING:	
M1506.2 Duct leads the length of exh accordance with	aust and supply ducts used with ventilat	ing equipment shall not exceed the lengths determined in	TRUSS BLOCKING SHALL BE SOLID TO SHEATHING WITH NAILING THROUGH SHEATHING IN TO	
where the flow ra flow hood, flow g		et system complies with the manufacturer's design criteria or is verified by the installer or approved third party using a	TRUSS BLOCKING TO CARRY THE SHEAR TO THE ROOF. R502.7 THE MINIMUM OF 2" THICK REDWOOD PLANKS FOR DECK IF JOIST SPACING IN 16" ON CENTER OR GREATER. NOMINAL 1" PLANKING SHALL NOT BE USED WHERE DECK JOISTS ARE SPACED GREATER THAN 12 " ON CENTER. R501.2	BUILDER Company Name Address
DUCT TYP	PE FLEX DUCT	SMOOTH-WALL DUCT		Park City, Utah 84098
Fan airflow ra			AT ALL VALLEYS AND HIPS SHOW VALLEY OR HIP RAFTERS AS BEING NOT LESS THAN 2" THICK	Phone

DUCT TYPE		FLEX DUCT									SMOOTH-WAI					
Fan airflow rating (CFM @ 0.25 inch wc <sup>a</sup> )		80	100	125	150	200	250	300	50	80	100	125	150			
Diameter <sup>b</sup> (inches)	Maximum length <sup>c, d, e</sup> (feet)															
3	X	X	X	X	X	X	X	X	5	X	X	X	X			
4	56	4	X	X	X	X	Χ	Χ	114	. 31	10	X	X			
5	NL	81	42	16	2	X	X	Χ	NL	152	91	51	28			
6	NL	NL	158	91	55	18	1	Χ	NL	NL	NL	168	112			
7	NL	NL	NL	NL	161	78	40	19	NL	NL	NL	NL	NL			
8 and above	NT	NIT	NIT	NL	NL	189	1 1 1	(0)	NIT	NT	NL	NTT	NL			

For SI: 1 foot = 304.8 mm.

a. Fan airflow rating shall be in acordance with ANSI/AMCA 210-ANSI/ASHRAE 51. b. For noncircular ducts, calculate the diameter as four times the cross-sectional area divided by the perimeter. c. This table assumes that elbows are not used. Fifteen feet of allowable duct length shall be deducted for each elbow installed in the duct run.

d. NL = no limit on duct length of this size.

e. X = not allowed. Any length of duct of this size with assumed turns and fittings will exceed the rated pressure drop.

M1506.3 Exhaust openings.

200|250|300 X X X X X X 8 4 X X 2 53 25 9 148 88 54 NL 198 133



AND NOT LESS IN DEPTH THAN THE CUT END OF THE RAFTER. R802.3

FIRE-BLOCK SYUD SPACES AT SOFFITS, FLOOR AND CEILING JOIST LINES

AND HORIZONTALLY ; AND AT OPENINGS BETWEEN ATTIC SPACES AND

FACTORY-BUILD CHIMNEYS AND ANY OTHER LOCATION WHICH AFFORD

AT 10 FEET VERTICALLY

CHIMNEY SPACES FOR

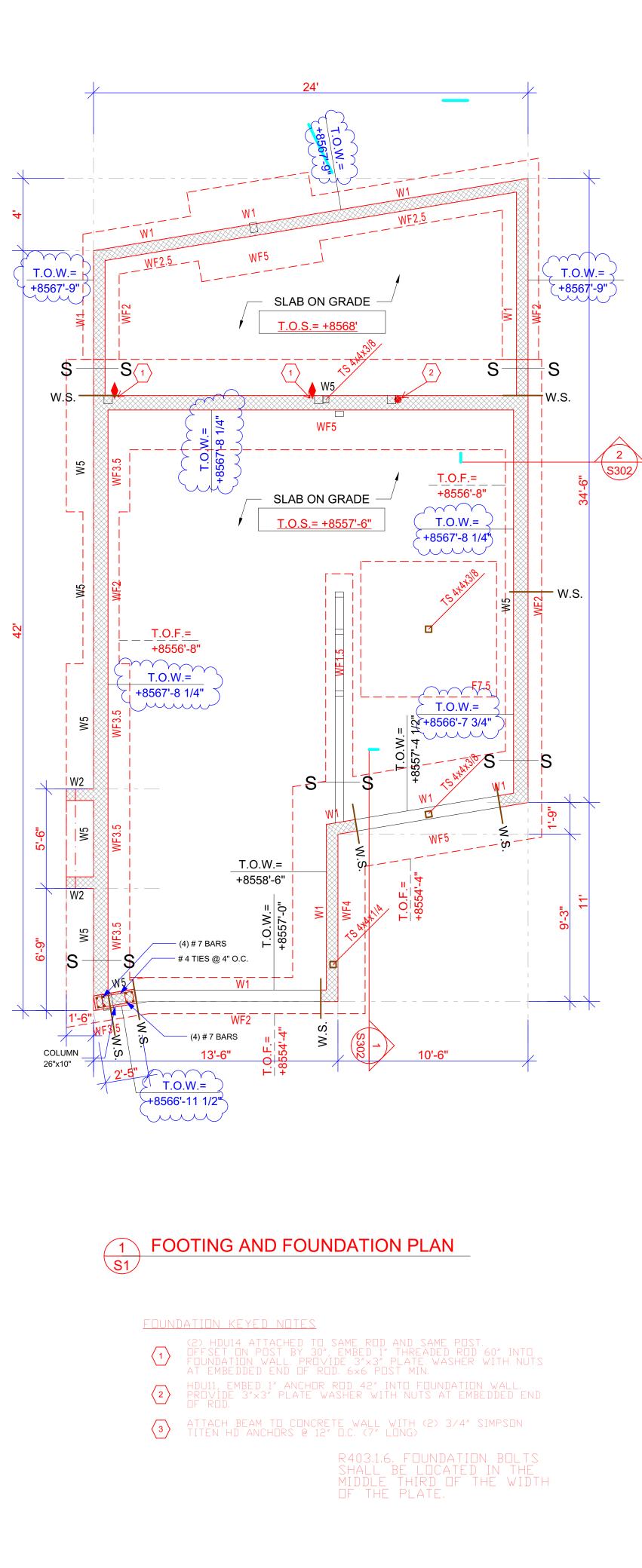
PASSAGE FOR FRAMES. R602.8

Fax

Drawing Date Scale STRUCTURAL

Signature and Date

06-21-2018 **GENERAL NOTES** BUILDER/ DEALER'S APPROV SC



## REFER TO S2 FOR HOLDOWNS

	F	OOTING SCH	HEDULE	
MARK	SIZE WIDTHXTHICK.XLENGHT	REINFO LONG.	RCING 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	
F7.5	7'-6"x14"x7'-6"	10- #5	10- #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 ADJCENT FOOTING THICKNESS AND BAR SIZE. REFER TO PLAN FOR SIZE

WALL	THICKNES	SA	В	С	D	E	CORNER
TYPE		BARS	DOWELS	BARS	BARS	BARS	BARS
W1	8"	#4 @ 18"	#4 @ 18"		#4 @ <mark>18</mark> "		#4@24"
W2	8"	#4 @ 12"	#4 @ 12"		#4 @ <mark>18</mark> "		#4 @12
W3	8"	#5 @ 12"	#5 @ 12"		#4 @ <mark>18</mark> "		#5 @10
W4	10"	#5 @ 12"	#6 @ 12"	#4 @ 12"	#4 @ <mark>18</mark> "	#4 @ 12"	#6 @12
W5	10"	#5 @ 12"	<mark>#5</mark> @ 12"		#5 @ <mark>18</mark> "		#5 @ <mark>18</mark>
W6	10"	#5 @ 9"	#5 @ 9"		#5 @ <mark>18</mark> "		#5 @12

NOTE: ANCHOR BOLTS DO NOT ALWAYS OCCUR. RE: DETAILS FOUNDATION PLAN NOTES

GEOTECHNICAL ENGINEER BEFORE PLACING CONCRETE.

3. VERIFY WITH ARCHITECTURAL PLANS ALL STEPS IN SLAB.

4. SLAB ON GRADE SHALL BE 4" CONCRETE OVER 4" FREE #4 AT 24" O/C EACH WAY U.N.O.

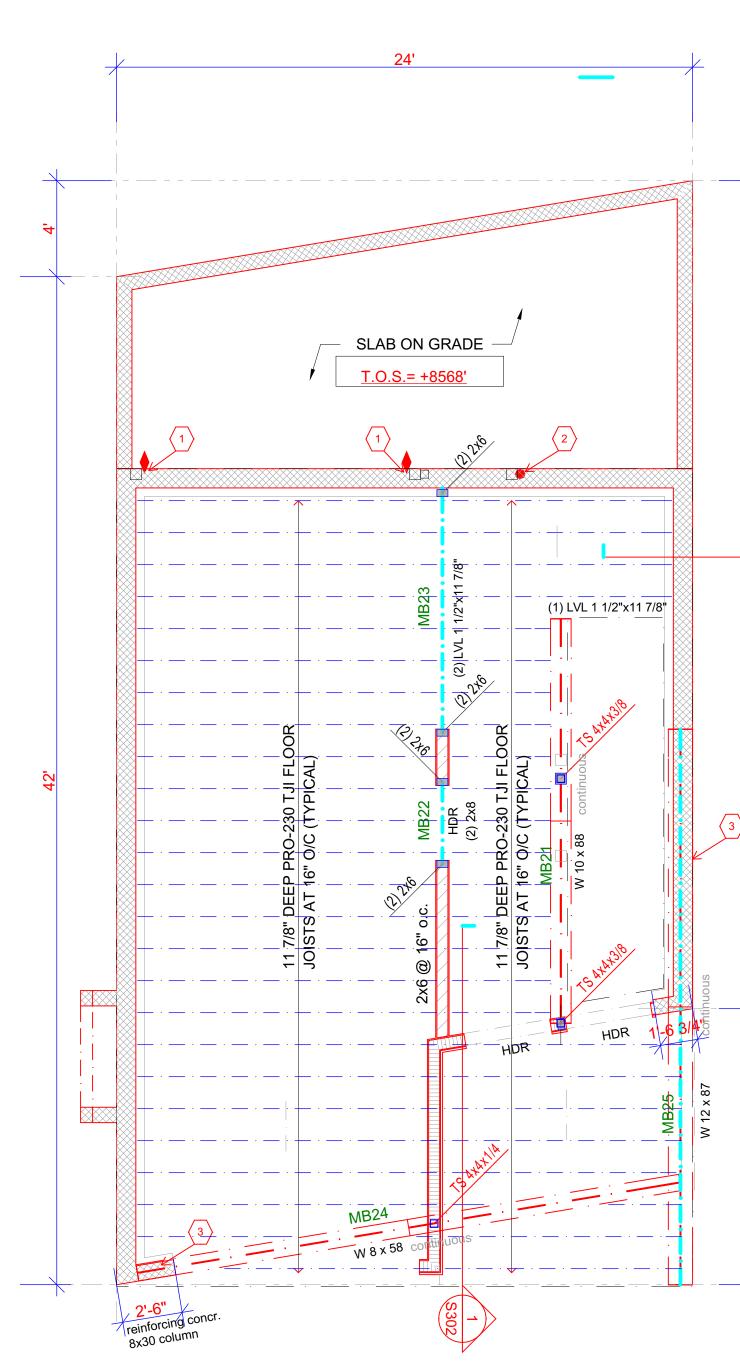
- 5. FOOTING ELEVATIONS SHOWN ARE APPROXIMATE AND MAY VARY DUE TO ACTUAL SITE ELEVATIONS AND CONDITIONS.
- 6. FOOTING TYPES NOTED THUS "F-X" AND "WF-X" REFER TO SCHEDULE FOR SIZE AND REINFORCEMENT. REFER TO PLAN AND SECTIONS FOR TOP OF FOOTING ELEVATION.
- 7. CENTER FOOTINGS ON WALLS AND COLUMNS UNLESS DIMENSIONED OTHERWISE ON PLANS.
- 8. "T.O.W." DENOTES TOP OF WALL ELEVATION.
- 9. "T.O.F." DENOTES TOP OF FOOTING ELEVATION.
  - 10. "W.S." DENOTES FOUNDATION WALL STEPS.

  - 12. ALL FOUNDATIONS ARE TYPE "W1" WALLS UNLESS NOTED OTHERWISE.
  - 13. "S S" DENOTES FOOTING STEP. REFER TO DETAIL G/S300.
  - 14. REFER TO GENERAL NOTES ON SHEET S0 FOR ADDITIONAL INFORMATION.
  - 15. CONTOURS AND EXTERIOR GRADE ELEVATIONS ON SITE PLAN ARE APPROXIMATE ALL FINAL GRADES SHALL BE FIELD VERIFIED.
  - 16. 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.

### FOUNDATION WALL SCHEDULE

- 1. ALLOWABLE SOIL PRESSURE USED IN DESIGN = 1500 PSF. (ASSUMED) AND TO BE FIELD VERIFIED AS REQUIRED PER THE CITY BY A LICENSED
- 2. REFER TO ARCHITECTURAL FOR TOP OF SLAB ELEVATION DENOTED T.O.S.
- DRAINING GRAVEL. REINFORCE SLAB W/ 6x6xW1.4 WWF OR

11. "W1" DENOTES FOUNDATION WALL TYPE.





	MATERIAL	EDGE NAILING	SILL P Anchof	RS		ARKS	_
=SW1	APA 7/16″	8d @ 6″0/C	OR 5/8		A,B,	C,D	=260 plf
2 =SW2	APA 7/16″	8d @ 4″0/C	16d CE DR 5/8	3″ AT 32″	A,B,	C,D	=350 plf
4 =SW4		8d @ 3″0/C	16d CE DR 5/8	3″ AT 32″	A,B,	C,D,E	=490 plf
5 =SW5		8d @ 2″0/C	16d CE DR 5/8		].C. A,B,	C,D,E	=600 plf
7 =SW7	Both sides	8d @ 3″0/C	SDS255 DR 5/8	500 @ 3″ D. 3″ AT 16″	C. A,B,	C,D,E	_
10 =SW10	15/32″ APA STRUCTURAL	1 100 @ 2″O/C	(2)SDS DR 5/8	25500 @ 3" 3" AT 8"	□.C. <sub>A,B,</sub>	C,D,E	
Note!	MIN. 3″×3″×0,	229" PLATE W		DN ANCHOR	R BOLTS	}	
1. LVL DEN	NOTES 1.9E MICF	OLLAM BY TRUS	JOIST MA	CMILLAN OR E	EQUIVALE	NT.	
2. DECK LE	EDGER BOARDS	MUST BE TRATED	WHEN US	SING TJI, BCI (	or LPI RIM	BOARD	S.
-	EATHING SHALL I HING WITH ALL E	BE CDX STRUCTU	RAL 1 OR	11 A.P.A. RAT	ED		
N/ N	AILS SHALL BE LO OT PENETRATE S	DMMON' TYPE UNL DCATED AT LEAST SHEATHING WITH I	3/8" FRO	M PANEL EDG	ES. DO	Ξ	
	JPPORTS WITH 8	d AT 12" O.C. BE 'SIMPSON STR					
	QUAL.			ONALINOVE	.0		
		BE 2x PRESSURE / OF 2 A.B. PER PI					D.
	AY BE SUBSTITU	2) 2x NAILED TOGE ED FOR 3x.			MON NAIL	5@4"(	).C.
	MPSON SB 5/8" x FOR STEM WALI	24" EMBED 18" MI	N. INTO S	TEM WALL			
	MUM POST	INSTALATION.					
H: 5 1/2" N	/INIMUM POST						
		" EMBED 14" MIN.	INTO STE	M WALL			
	FOR STEM WALL	- INSTALATION. 24" EMBED 18" MII		ΤΕΜ WALL			
		R BEAM	SCHE	DULE			
MARK MB21	STEEL, G	LULAM, LVL	or sa	wn beams			
MB22	(2) 2 x						
MB23		1 1/2″ × 11	7/8″				
MB24 MB25	STEEL W						
		IC X 07					
<i>(</i> 1) <u> </u>			·R (DTL 2/	S2)			
(*) TIE N	MULTIBLE PLY ME	MBERS TUGETHE					
(*) TIE N		HEIGHT	·	ART			
(*) TIE M		HEIGHT	CHA	ART JCATION N	DTES		
STUD 2×6	STUD grade stud	HEIGHT Spacing Max 16" D.C. 10'-	СНА < нт. Le	ICATION N (Terior	DTES		
STUD 2×6 2×6	STUD grade stud stud	HEIGHT SPACING MAX 16" D.C. 10'- 12" D.C. 14'-	СНА < нт. Lc -0" е> -0" е>	ICATION N (TERIOR (TERIOR	DTES		
STUD 2×6	STUD grade stud	HEIGHT Spacing Max 16" D.C. 10'-	СНА < нт. Lc -0" е> -0" е>	ICATION N (Terior	DTES		
STUD 2×6 2×6 2×6 <b>FRAMING</b>	STUD GRADE STUD STUD DFLN #2	HEIGHT SPACING MAX 16" D.C. 10'- 12" D.C. 14'- 12" D.C. 16'-	СНА < нт. LC -0″ Е> -0″ Е>	ICATION N (TERIOR (TERIOR (TERIOR			
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STUD         2×6         2×6         2×6         2×6         1. ALL E         TYPIC         2. TYPIC	STUD GRADE STUD STUD DFLN #2 PLAN NOTES BEAMS TO BEAR OF CAL 2"X10" HEADER	HEIGHT SPACING MAX 16" D.C. 10'- 12" D.C. 14'- 12" D.C. 16'-	СНА ( нт. Le -0" E> -0" E> CRIPPLE S ONE CRIPPI ING WALL	CATION N (TERIOR (TERIOR (TERIOR STUDS U.N.O. C E STUD. S, DENOTED A	DN PLAN. S HDR, SH	ALL BE M	IINIMUM
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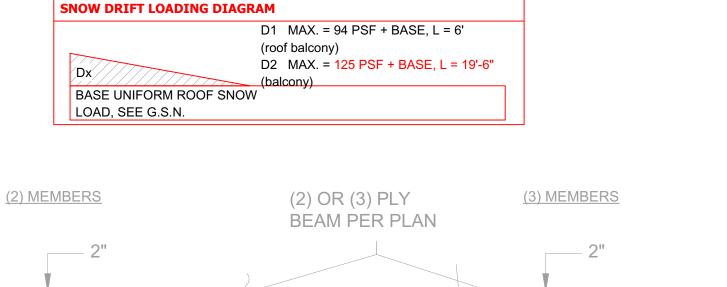


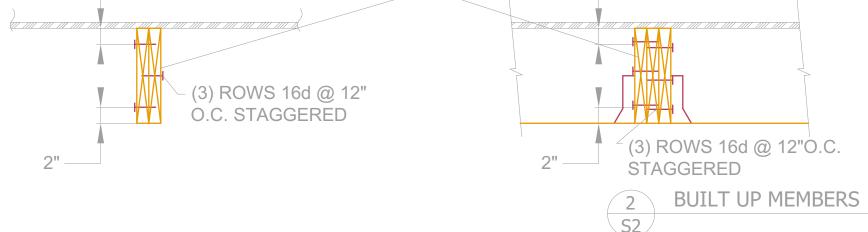
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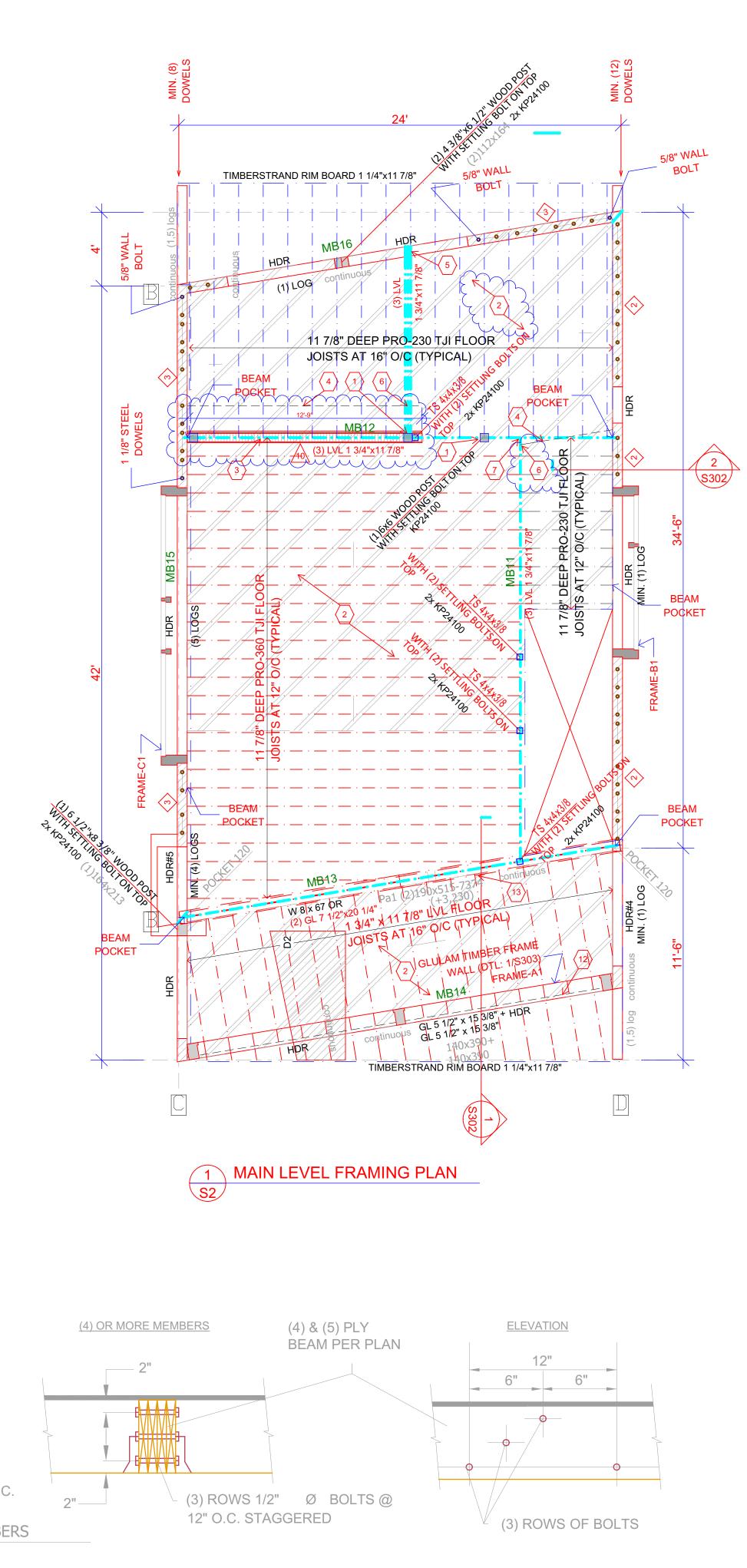
SHE	AR (	(SCAN)	DINAV	IAN WA		SYST[	- M )	
WAL	LS	CHEDL	JLE					
TYPE	STEEL Note!	PIPES Each LOG	COURSES	ANCHOR BOLI	rs <sub>Re</sub>	EMARK	BOTTOM COURSE SCREWS	
		ION OF TH Drawings	E	5/8″ AT 24′	" C,	, D	(2) 13" × 1/2" SCREWS AT 24"	=340 plf
2		ION OF TH DRAWINGS	E	5/8″AT 16″	C,	,D	(2) 13" × 1/2" SCREWS AT 12"	=680 plf
3		ION OF TH DRAWINGS	E	5/8″ AT <mark>8</mark> ″	C,	,D,E	(2) 13″ × 1/2″ SCREWS AT 8″	=1020 plf
Ę	Note!	MIN. 3"×3"		ATE WASHER		ANCHOR BI		
1 1/8" Step Dowels	EL	<u>\$79-7675</u> \$77-7721				N, TYPICAL INSTALLA	AS SHOWN ON Tion of dowels.	
5/8" WALL BOLT		S M					PICAL AS SHOWN D TION OF STEEL BO	

KEYED NOTES:

- $\label{eq:strap beam to post w/66" CMST12. Wrap around beam.} \\ \begin{tabular}{ll} $1$ FILL ALL HOLES W/ 16d NAILS. \end{tabular}$
- BLOCKED DIAPHRAGM W/ 10d NAILS @ 2" O.C. AT ALL PANELS EDGES.
- 3NAIL FLOOR SHEATHING TO BEAM W/ 10d @ 2" O.C. ATTACH BEAM3TO SHEAR WALL BELOW WITH A35 @ 12" O.C.
- 4 FULL HEIGHT SOLID BLOCKING BELOW SHEAR WALL.
- $\label{eq:strap} \underbrace{\text{STRAP BEAM TO POST W}/40"}_{5} \text{ STRAP BEAM TO POST W}/40" \text{ CMSTC16. WRAP AROUND BEAM.}$
- $\begin{pmatrix} 6 \end{pmatrix}$  (3) 2x POST ABOVE, STRAP BEAM TO POST W/66" CMST12. WRAP AROUND BEAM. FILL ALL HOLES W/ 16d NAILS.
- T HHGU5.50-SDS HANGER.
- $\left< \frac{8}{8} \right>$  MSTC52 HOLD DOWN, WRAP AROUND BEAM.
- 9 HDU 11 WELD ROD TO STEEL BEAM, PROVIDE 3/8" WEB STIFFENERS.
- UPSIDE DOWN HGU7.00-SDS W/ ADDITIONAL 30" CS14 ACROSS THE TOP OF BOTH BEAMS TO PREVENT ROLLING.
- T2> 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.







SHEA	AR WALL
TYPE	MATERIAL
1 =SW1	7/16″ APA
2 =SW2	7/16″ APA
4 =SW4	7/16″ APA
5 =SW5	7/16″ APA
7 =SW7	7/16" APA Both sides
	15/32″ APA Structural 1
	MIN. 3"×3"×0,2
NOTES	
	INTES 1 OF MICRO

- SHEATHING WITH ALL EDGES BLOCKED
- SUPPORTS WITH 8d AT 12" O.C.
- EQUAL.
- MAY BE SUBSTITUED FOR 3x.
- -> FOR STEM WALL INSTALATION.
- G: 3" MINIMUM POST
- H: 5 1/2" MINIMUM POST
- -> FOR STEM WALL INSTALATION.

	FLOOR
MARK	GLULAM (
MB11	LVL (3)
MB12	LVL (3)
MB13	STEEL W8
MB14	GL (FIN) GL (FIN)
MB15	GLULAM L
MB16	GLULAM L

#### STUD GRADE STUD STUD 2x6 2×6 STUD 2×6 DFLN #2

FRAMING PLAN NOTES

- UNLESS NOTED OTHERWISE.
- FOR TYPICAL SHEAR WALL/BEARING WALL CONSTRUCTION.

	HOLDOWNS			
TYPE	NDTES		ANCHOR SIZE	ANCHOR EMBEDMENT INTO FDN. WALL
•	= (2) SIMPSON HDU14-SDS2.5	Н.	1"	60"
•	= SIMPSON HDU11 - SDS2.5	Н. Ј.	1"	42"
▼	= SIMPSON HDU5 - SDS2.5	F. G.	5/8"	9"
Т	= SIMPSON HDU8 - SDS2.5	н. к.	7/8"	10 1/2"
+	= SIMPSON STHD14			

SCHED	ULE
EDGE NAILING	SILL PLATE ANCHORS

	NAILING	ANCHERS	REMARKS	
	8d @ 6″□/C	16d COMMON @6" D.C. DR 5/8" AT 32"	A,B,C,D	=260 plf
	8d @ 4″□/C	16d COMMON @4" D.C. DR 5/8" AT 32"	A,B,C,D	=350 plf
	8d @ 3″□/C	16d COMMON @3" D.C. DR 5/8" AT 32"	A,B,C,D,E	=490 plf
	8d @ 2″0/C	160 COMMON @3" D.C. DR 5/8" AT 24"	A,B,C,D,E	=600 plf
	8d @ 3″0/C	SDS25500 @ 3" D.C. DR 5/8" AT 16"	A,B,C,D,E	
1	10d @ 2″0/C	(2)SDS25500 @ 3" D.( DR 5/8" AT 8"	'A,B,C,D,E	-
) ,2	229" PLATE W	ASHERS ON ANCHOR BE	SLTS }	-
ノ				_

1. LVL DENOTES 1.9E MICROLLAM 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

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

C: ALL HARDWARE SHALL BE 'SIMPSON STRONG TIE' OR APPROVED

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 WIRTH 16d CAMMON NAILS @ 4" O.C.

F: USE SIMPSON SB 5/8" x 24" EMBED 18" MIN. INTO STEM WALL

## J: USE SIMPSON SB 1" x 30" EMBED 14" MIN. INTO STEM WALL

K: USE SIMPSON SB 7/8" x 24" EMBED 18" MIN. INTO STEM WALL

BEAM SCHEDULE

(FIN), LVL OR SAWN BEAMS 3/4" × 11 7/8"

. 3/4" × 11 7/8" '8 x 67 OR (2) GL 7 1/2″×20 1/4

(1) 5 1/2″×15 3/8″+ \_OGS (5) 6 1/2"×10 1/4"

#### \_OG (1) 6 1/2"×10 1/4" EMBERS TOGETHER (DTL 2/S2)

HEIGHT	CHART

SPACING	MAX HT.	LOCATION	NDTES
16″ □.C.	10′-0″	EXTERIOR	)
12″ O.C.	14′-0″	EXTERIOR	)
12″ O.C.	16'-0"	EXTERIOR	)

1. ALL BEAMS TO BEAR ON MINIMUM OF (2) CRIPPLE STUDS U.N.O. ON PLAN. TYPICAL 2"X10" HEADERS MAY BEAR ON ÓNE 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.

3. SHEAR WALL TYPES AND LOCATION ARE DENOTED THUS: 🖄 ON PLAN. SEE SCHEDULE INTERIOR SHEAR WALLS ARE DENOTED THUS:

4. ALL EXTERIOR WALLS SHALL BE TYPE 1 SHEAR WALL CONSTRUCTION

5. REFER TO DETAILS, GENERAL STRUCTURAL NOTES AND SHEAR WALL SCHEDULE

6. REFER TO GENERAL STRUCTURAL NOTES SHEET S0 FOR ADDITIONAL INFORMATION.

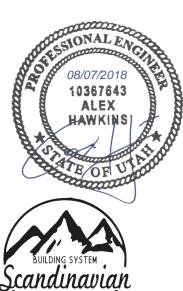
7. WHERE ROCK VENEER OCCURS REFER TO DETAIL R/S300.

8. TRUSSES LABELED TO MATCH THE TRUSS MANUFACTURE'S ENGINEERING.

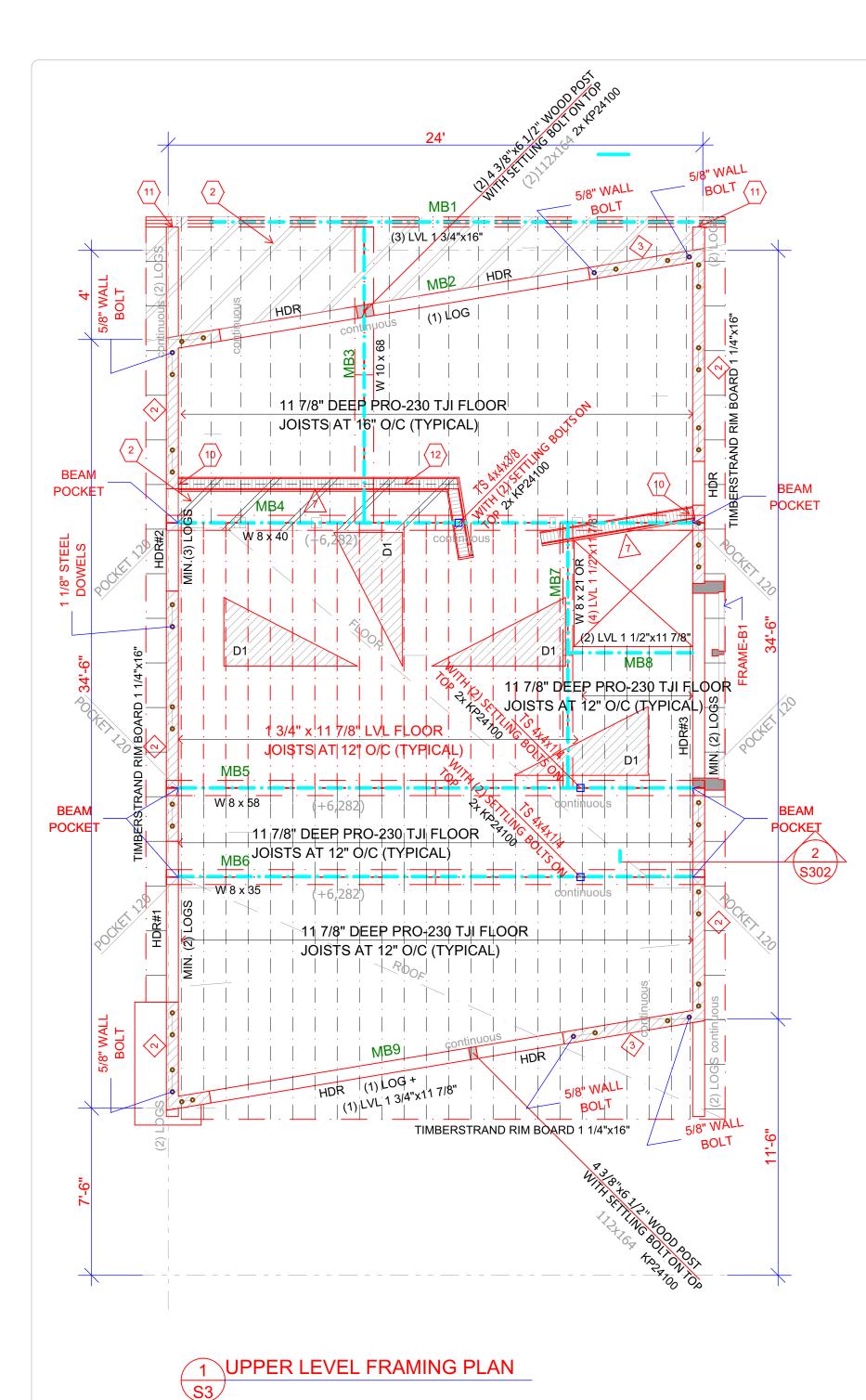
9. SCANDINAVIAN PROFILE SHEAR WALL TYPES AND LOCATION ARE DENOTED THUS: X ON PLAN. SEE SCHEDULE INTERIOR SCANDINAVIAN PROFILE SHEAR

WALLS ARE DENOTED THUS: ON PLAN.

10. ALL EXTERIOR SCANDINAVIAN PROFILE WALLS SHALL BE TYPE 1 SHEAR WALL CONSTRUCTION UNLESS NOTED OTHERWISE.







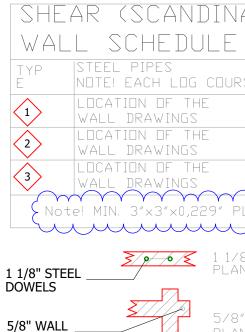
	FLOOR BEAM SCHEDULE
MARK	GLULAM (FIN), LVL OR SAWN BEAMS
MB1	LVL (3) 1 3/4" × 16"
MB2	GLULAM LOG (1) 6 1/2"×10 1/4"
MB3	STEEL W10 × 68
MB4	STEEL W8 × 40
MB5	STEEL W8 × 58
MB6	STEEL W8 × 35
MB7	STEEL W8 × 21 DR (4) LVL 1 1/2"×11 7/8
MB8	LVL (2) 1 1/2" × 11 7/8"
MB9	LVL (1) 1 3/4" × 11 7/8" + GLULAM LDG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

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

#### KEYED NOTES:

- T 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.
- 3NAIL FLOOR SHEATHING TO BEAM W/ 10d @ 2" O.C. ATTACH BEAMTO SHEAR WALL BELOW WITH A35 @ 12" O.C.
- 4 FULL HEIGHT SOLID BLOCKING BELOW SHEAR WALL.

- $\bigcirc 6$  (3) 2x POST ABOVE, STRAP BEAM TO POST W/66" CMST12. WRAP AROUND BEAM. FILL ALL HOLES W/ 16d NAILS.
- T HHGU5.50-SDS HANGER.
- 8
   MSTC52 HOLD DOWN, WRAP AROUND BEAM.
- 9 HDU 11 WELD ROD TO STEEL BEAM, PROVIDE 3/8" WEB STIFFENERS.
- $\langle 10 \rangle$  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.
- FULL HEIGHT SOLID BLOCKING. NAIL FLOOR SHEATHING W/ 10d @2"0.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.



BOLT

#### 5/8" WALL CORNER BOLT LOCATION, TYPICAL AS SHOWN ON PLANS, SEE DETAIL S304 FOR INSTALLATION OF STEEL BOLTS.

1 1/8" STEEL DOWEL LOCATION, TYPICAL AS SHOWN ON PLANS. SEE DETAIL S304 FOR INSTALLATION OF DOWELS.	

ENOTE MIN. 3"x3"x0,229" PLATE WASHERS ON ANCHOR BOLTS

COURSES	ANCHOR BOLTS	REMARK	BOTTOM COURSE	
CHUKSES		2	SCREWS	
E	5/8″ AT 24″	C,D	(2) 13″ × 1/2″ SCREWS AT 24″	=340 plf
E	5/8″ AT 16″	C,D	(2) 13″ × 1/2″ SCREWS AT 12″	=680 plf
E	5/8" AT 8"	C,D,E	(2) 13" × 1/2" SCREWS AT 8"	=1020 plf
			<u>\</u>	
29″ DIATE	INA NI 203U20.	сыпр впітс		

SHEAR (SCANDINAVIAN WALL SYSTEM)

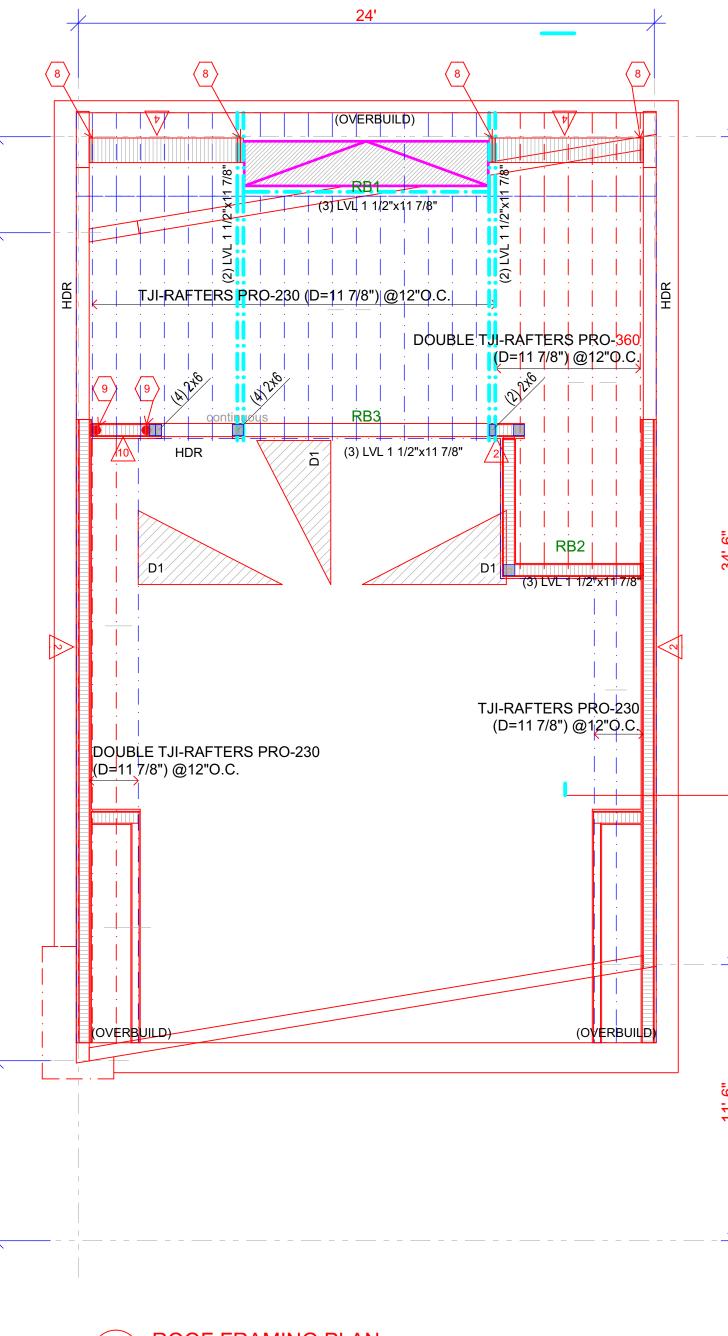
SNOW DRIFT LOADING D	IAGKAM
	D1 MAX. = 94 PSF + BASE, L = 6'
_	(roof balcony)
	D2 MAX. = 125 PSF + BASE, L = 19'-6"
	(balcony)

<u>ROOFING:</u>

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

SNOW DRIFT LOADING DIAG	RAM
V77	D1 MAX. = 94 PSF + BASE, L = 6' (roof balcony)
Dx BASE UNIFORM ROOF SNOV LOAD, SEE G.S.N.	D2 MAX. = 125 PSF + BASE, L = 19'-6" (balcony) V





SHE	AR WALL	SCHED	ULE		
TYPE	MATERIAL	EDGE NAILING	SILL PLATE ANCHORS	REMARKS	_
=SW1	7/16" APA	8d @ 6″0/C	16d COMMON @6" D.C. DR 5/8" AT 32"	A,B,C,D	=260 plf
2 =SW2	7/16" APA	8d @ 4″0/C	16d COMMON @4" O.C. Or 5/8" at 32"	A,B,C,D	=350 plf
4 =SW4	7/16" APA 7/16"	8d @ 3″0/C	16d COMMON @3" D.C. DR 5/8" AT 32"	A,B,C,D,E	=490 plf
5 =SW5	APA	8d @ 2″0/C	16d COMMON @3" D.C. DR 5/8" AT 24"	A,B,C,D,E	=600 plf
7 =SW7	7/16" APA Both sides	8d @ 3″0/C	SDS25500 @ 3" D.C. DR 5/8" AT 16"	A,B,C,D,E	
10 =SW10	15/32″APA STRUCTURAL	100 @ 2"0/C	(2)SDS25500 @ 3" 0.( DR 5/8" AT 8"	A,B,C,D,E	
Note!	MIN. 3″×3″×0,2	229″ PLATE WA	ASHERS ON ANCHOR BI	ilts}	
NOTES					

1. LVL DENOTES 1.9E MICROLLAM 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 WIRTH 16d CAMMON NAILS @ 4" O.C. MAY BE SUBSTITUED FOR 3x.
- F: USE SIMPSON SB 5/8" x 24" EMBED 18" MIN. INTO STEM WALL -> FOR STEM WALL INSTALATION.
- G: 3" MINIMUM POST

\S302

H: 5 1/2" MINIMUM POST

#### J: USE SIMPSON SB 1" x 30" EMBED 14" MIN. INTO STEM WALL -> FOR STEM WALL INSTALATION.

### K: 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" × 11 7/8"
RB2	LVL (3) 1 1/2" × 11 7/8"
RB3	LVL (3) 1 1/2" × 11 7/8"

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

STUD HEIGHT CHART					
STUD	GRADE	SPACING	MAX HT.	LOCATION	NDTES
2×6	STUD	16″ O.C.	10′-0″	EXTERIOR	)
2×6	STUD	12″ O.C.	14′-0″	EXTERIOR	)
2x6	DFLN #2	12″ O.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.
- 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:  $\angle \times$  on plan. See schedule
- INTERIOR SHEAR WALLS ARE DENOTED THUS: ON PLAN.
- 4. ALL EXTERIOR WALLS SHALL BE TYPE 1 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 MANUFACTURE'S ENGINEERING. 9. SCANDINAVIAN PROFILE SHEAR WALL TYPES AND LOCATION ARE DENOTED THUS: X ON PLAN. SEE SCHEDULE INTERIOR SCANDINAVIAN PROFILE SHEAR
- WALLS ARE DENOTED THUS: ON PLAN.
- 10. ALL EXTERIOR SCANDINAVIAN PROFILE WALLS SHALL BE TYPE 1 SHEAR WALL CONSTRUCTION UNLESS NOTED OTHERWISE.

## HOLDOWNS

TYPE	NUTES		ANCHOR SIZE	ANCHOR EMBEDMENT INTO FDN. WALL
	= (2) SIMPSON HDU14-SDS2.5	Н.	1"	60"
•	= SIMPSON HDU11 - SDS2.5	Н. Ј.	1"	42"
▼	= SIMPSON HDU5 - SDS2.5	F. G.	5/8"	9"
Т	= SIMPSON HDU8 - SDS2.5	н. к.	7/8"	10 1/2"
+	= SIMPSON STHD14			





NDIN ARCHITECTURAL OFFICE Company Name Address Phone Project No. Cad File Drawn Checked  $\bigcirc$ 

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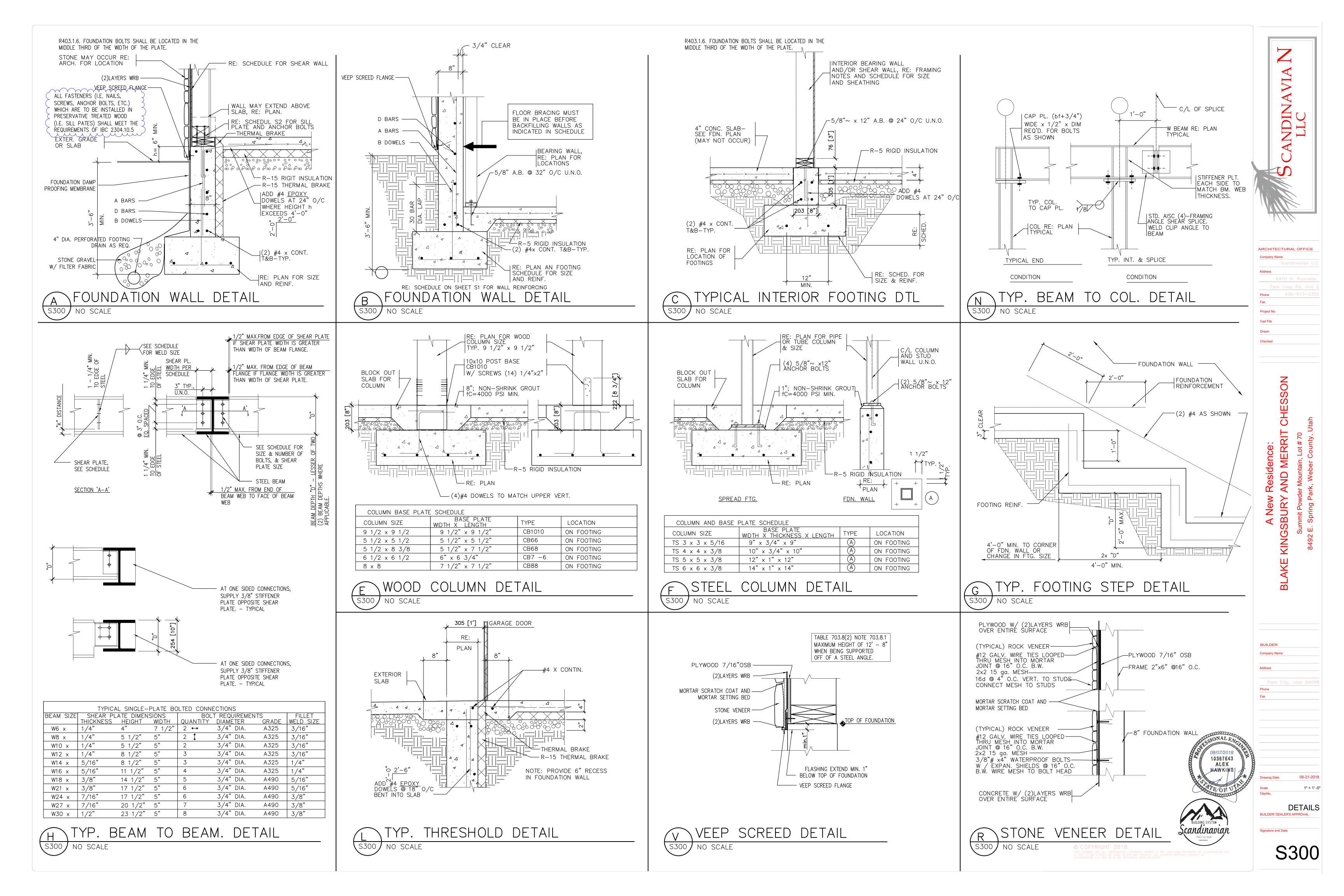
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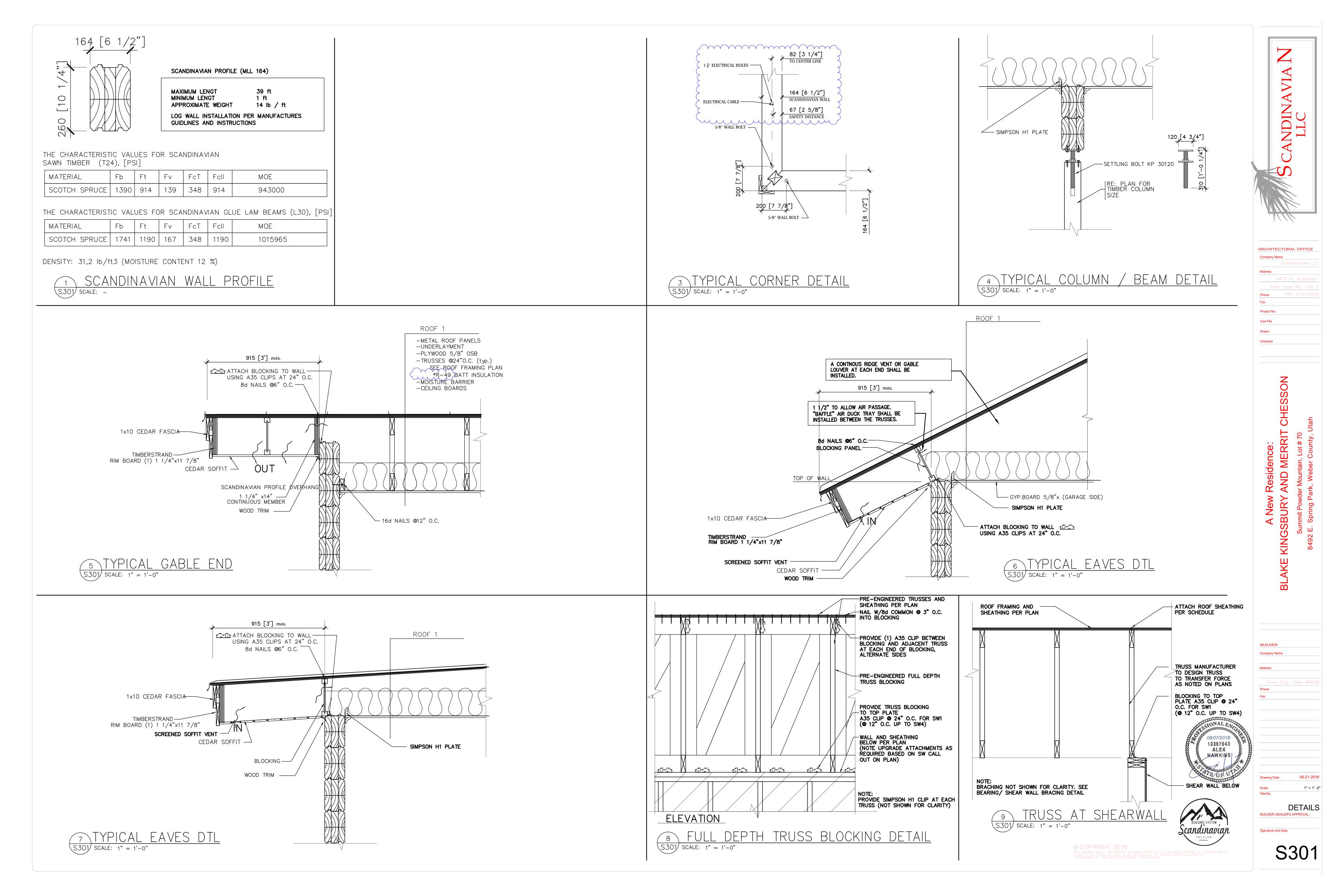
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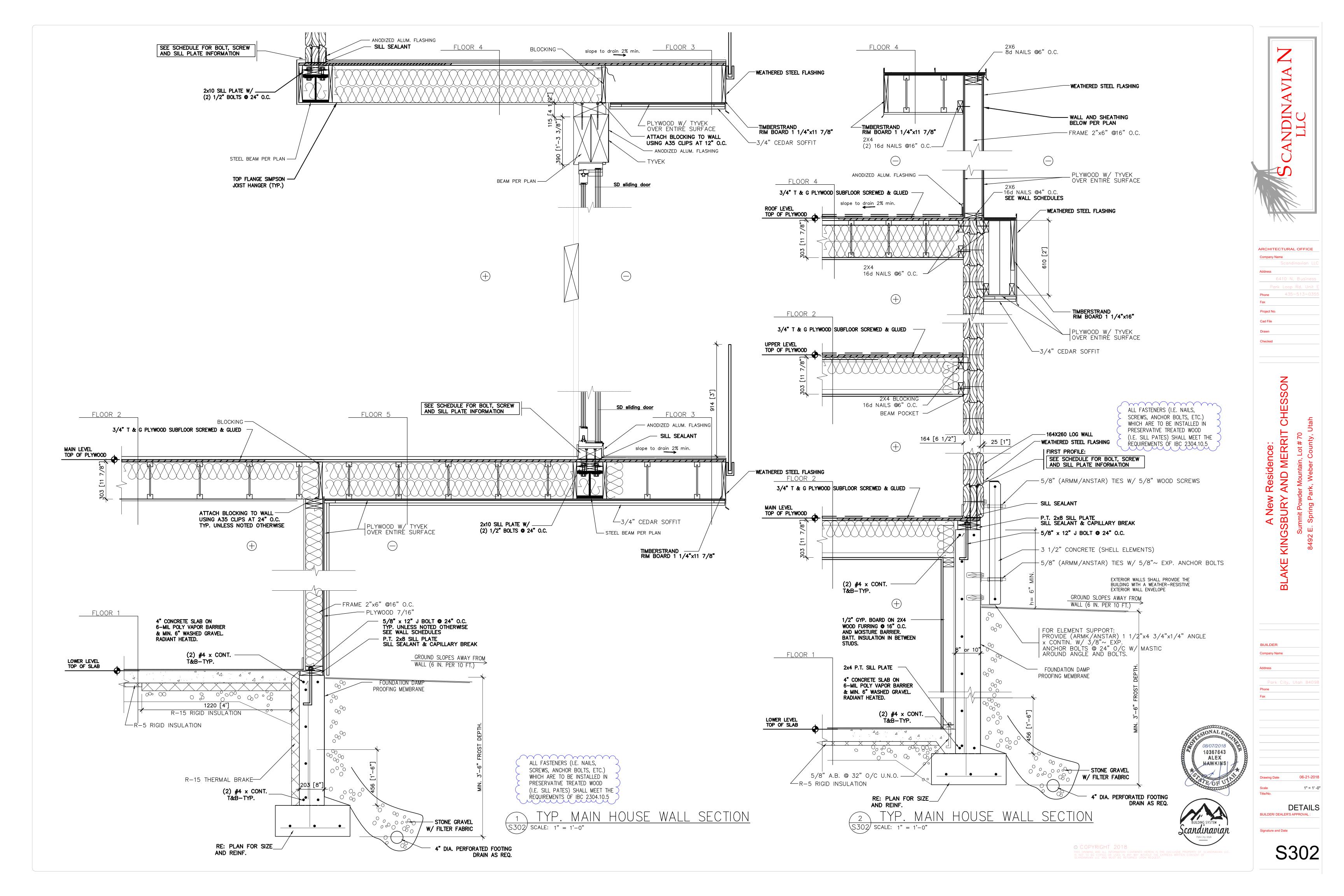


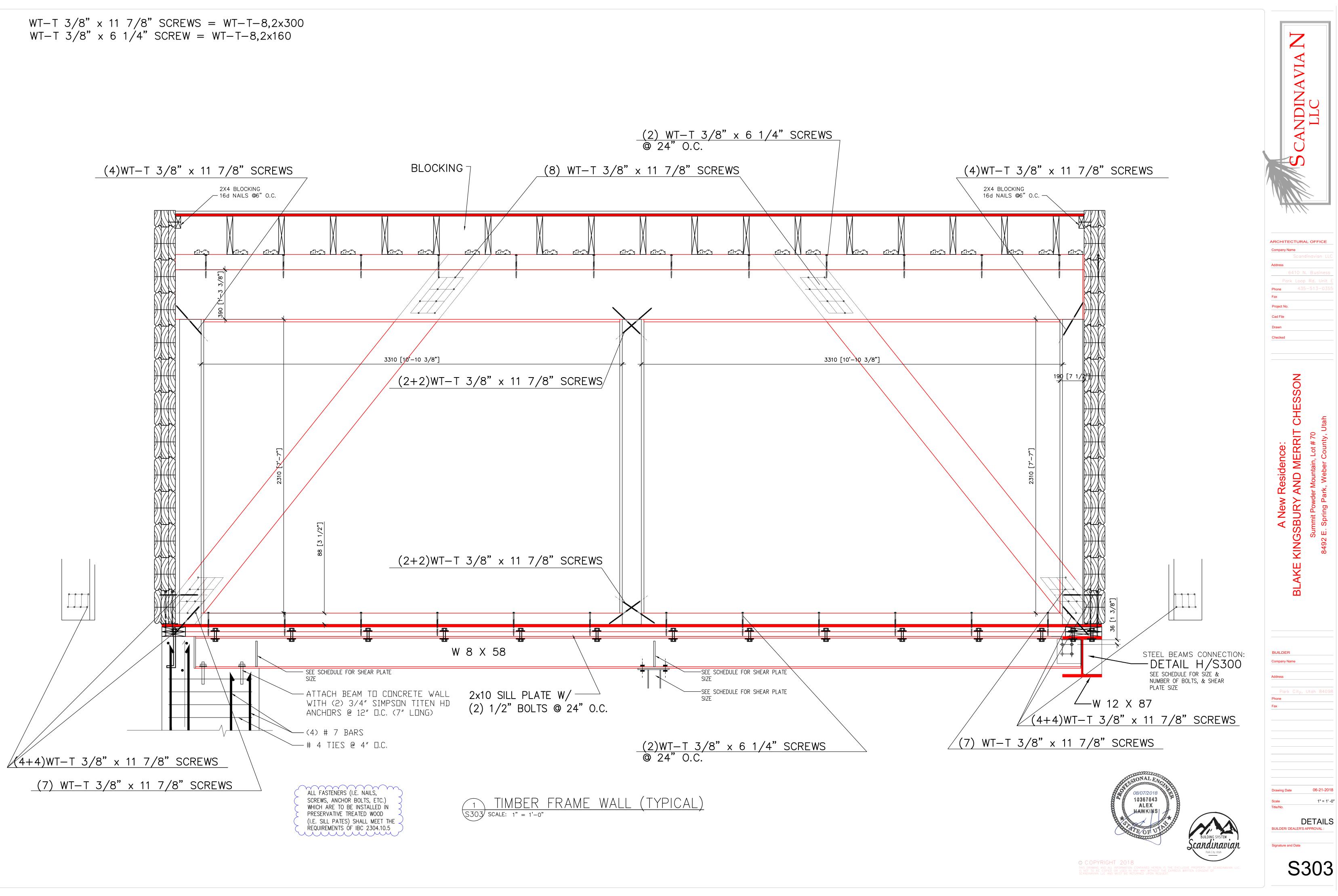
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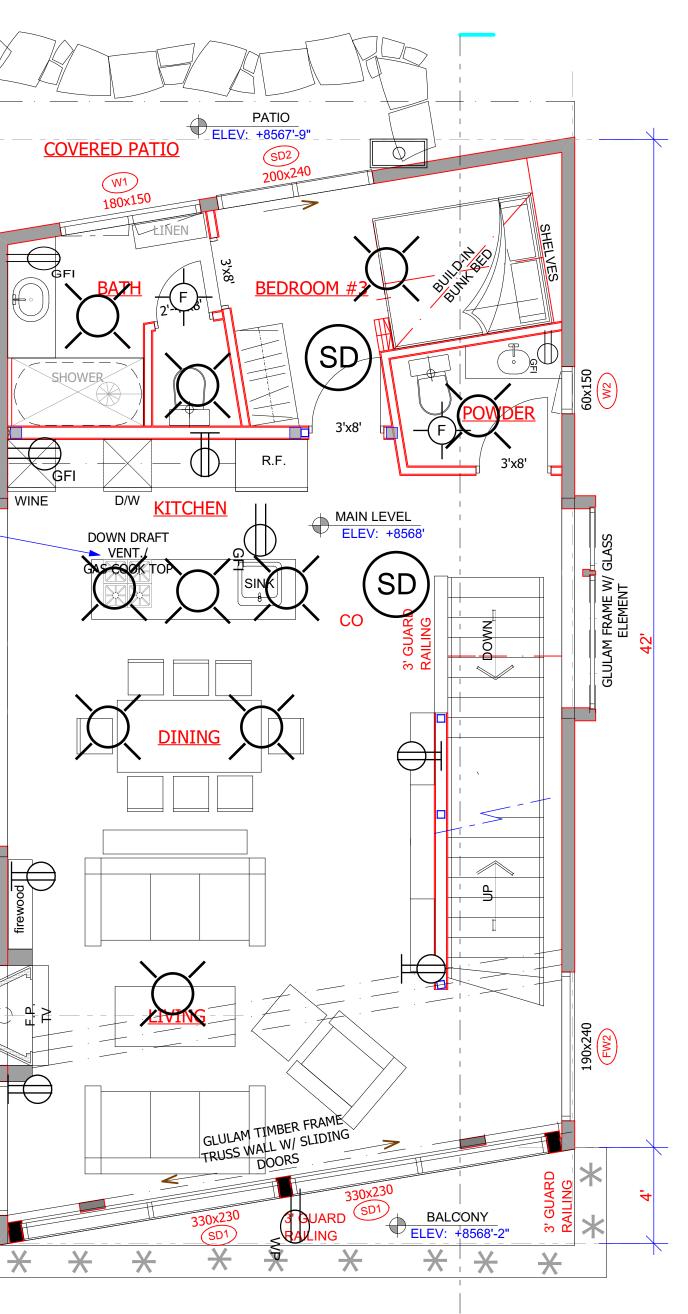




### NOTE: ROOM AREAS SHOWN BELOW ROOM NAMES ARE APPROXIMATE ALL FRAMING STUDS ARE 16" WALL LEGEND: LESS THAN 400 CFM RANGE HOOD WALL 1: - RECTANGULAR LAMINATED PROFILE WALL 6 1/2" [164x260] WALL 2: - RECTANGULAR LAMINATED PROFILE WALL 6 1/2" -2"x2"FURRING WALL @16"O.C. \* SLIDING CONNECTORS, (INSULATION) WINE -GYP. BOARD 1/2" -DAMP-PROOF COURSE -TILE -3 1/2" CONCRETE VENEER or WALL 3: 3/4" CEDAR SHIPLAP CLADDING or WEATHERED STEEL PANELS RAME W/ EMENTS -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 త్ర\_-TILE WALL 6: -GYP. BOARD 1/2" - 2"x6" STUD FRAMING @16"O.C. -GYP. BOARD 1/2"

MAIN L

TOTAL UNHEA TOTAL



# 1 MAIN LEVEL FLOOR PLAN 2.1 SCALE

	8
AREA CALCULATION	
AREAGAEGGEATION	
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

All 15/20 AMP receptacles w/i dwelling unit shall be tamper resistant receptacles.
 All kitchen, bathrooms, garage, outside and utility outlets to be GFCI protected

- 3. All outside outlets are bubble outlets.
- 4. All bedroom lights, outlets, and smoke detectors to be ARC fault protected.

5. Outlets installed so that no point along wall is more than 6 feet from outside.
6. Outlets above counter spaces located so that no point along wall is more than 24 inches from the outlet.
7. A minimum of two 20 AMP circuits in the kitchen.

8. Exhaust fan vents follow schedule.

(<del>4</del>|

- 9. Branch circuit supplying the receptacle in a garage shall not supply outlets outside the garage.
- 10. All 125 volt, single phase (15 and 20 AMP) receptacles installed in laundry shall have GFCI protection as well as kitchen and bathrooms. 11. A 250 AMP meter to be provided if house exceeds 5,000 sq. ft.

WHERE OPEN COMBUSTION

OPEN COMBUSTION FUEL

APPLIANCE SHALL BE

THERMAL ENVELOPE.

SUCH ROOMS SHALL BE

APPLIANCES THE DUCT AND

OUTSIDE OF THE BUILDING

ENVELOPE OR ENCLOSED AND ISOLATED FROM THE

INSULATED. THE DOOR INTO

SHALL BE FULLY GASKETED.

DUCTS PROVIDE COMBUSTION

AIR

AIR TO

BURNING

LOCATED

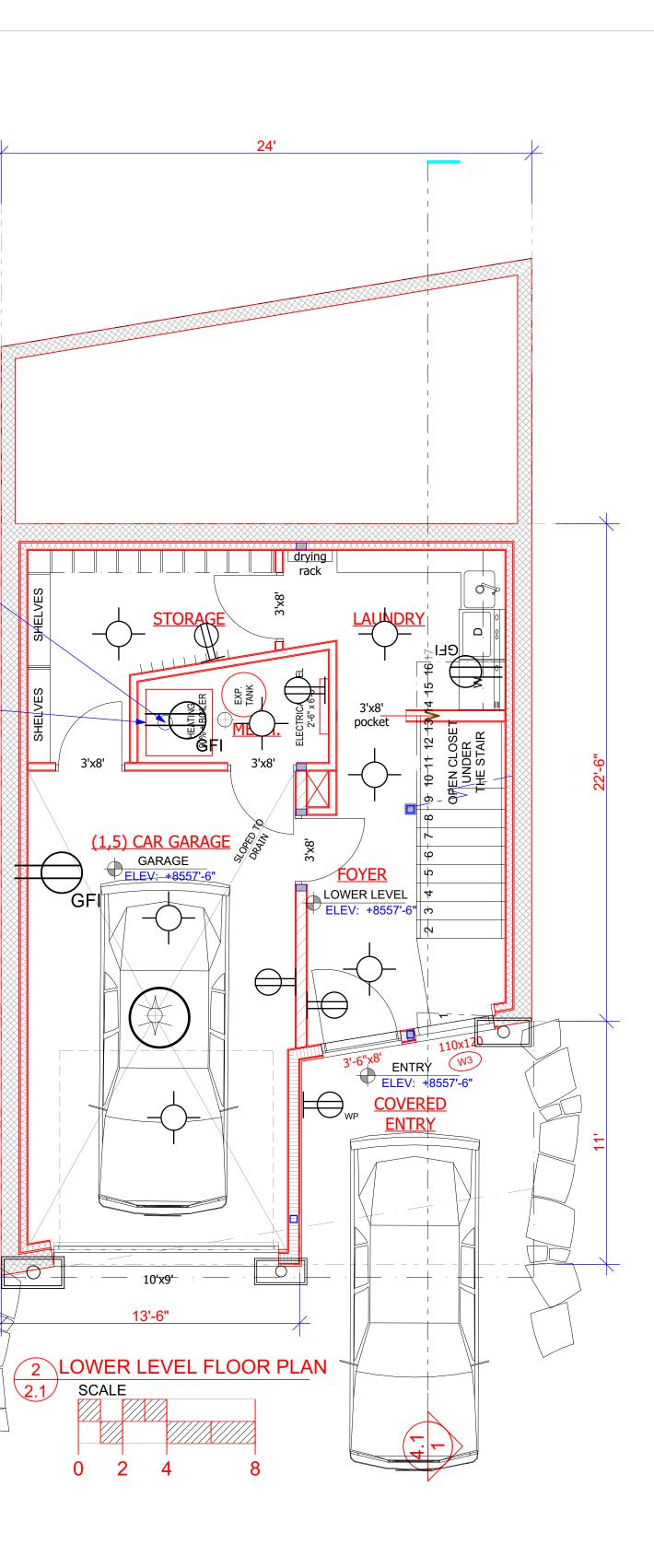
THERMAL

SEALED AND

DUCT LENGTH / MECH. NOTES

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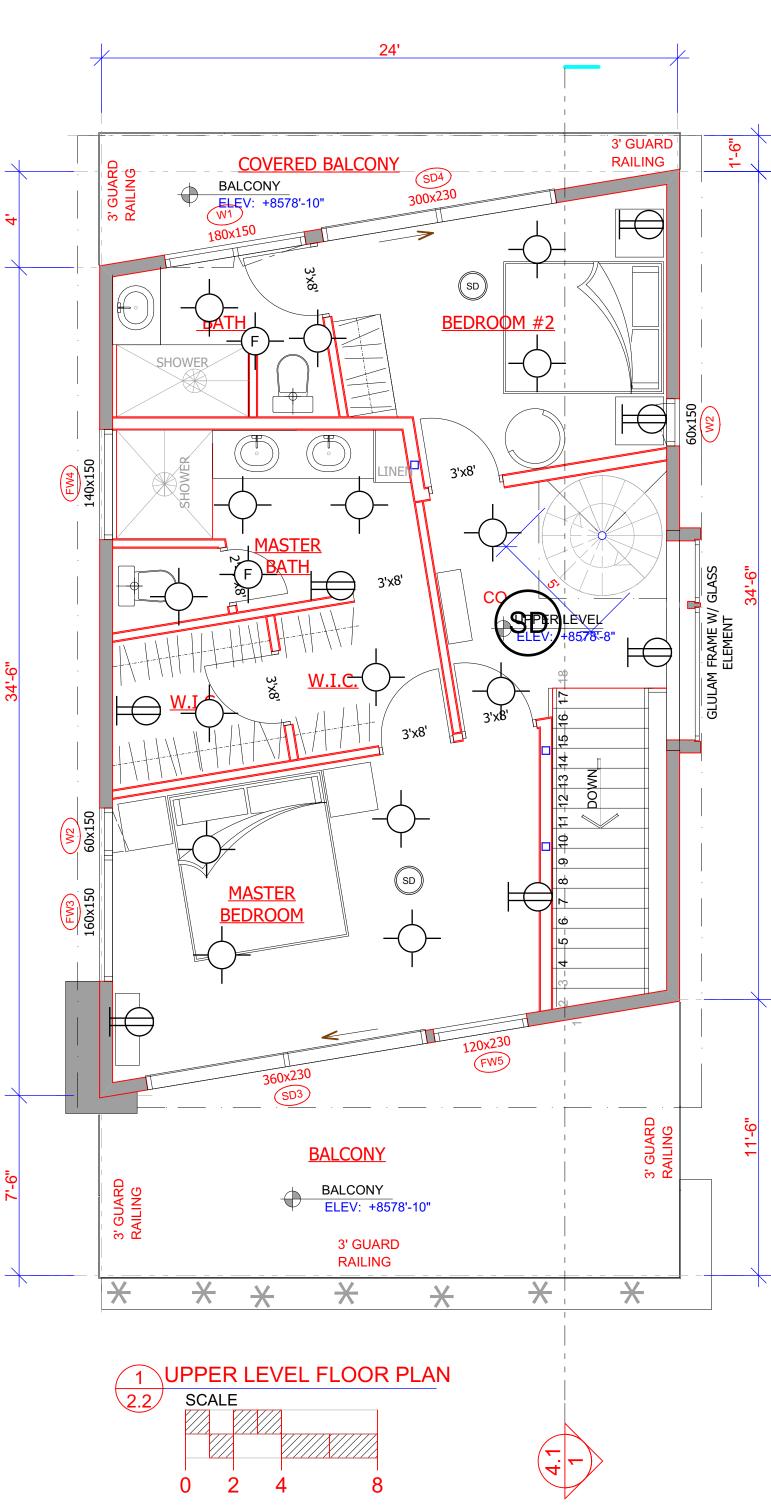
THE ROOM

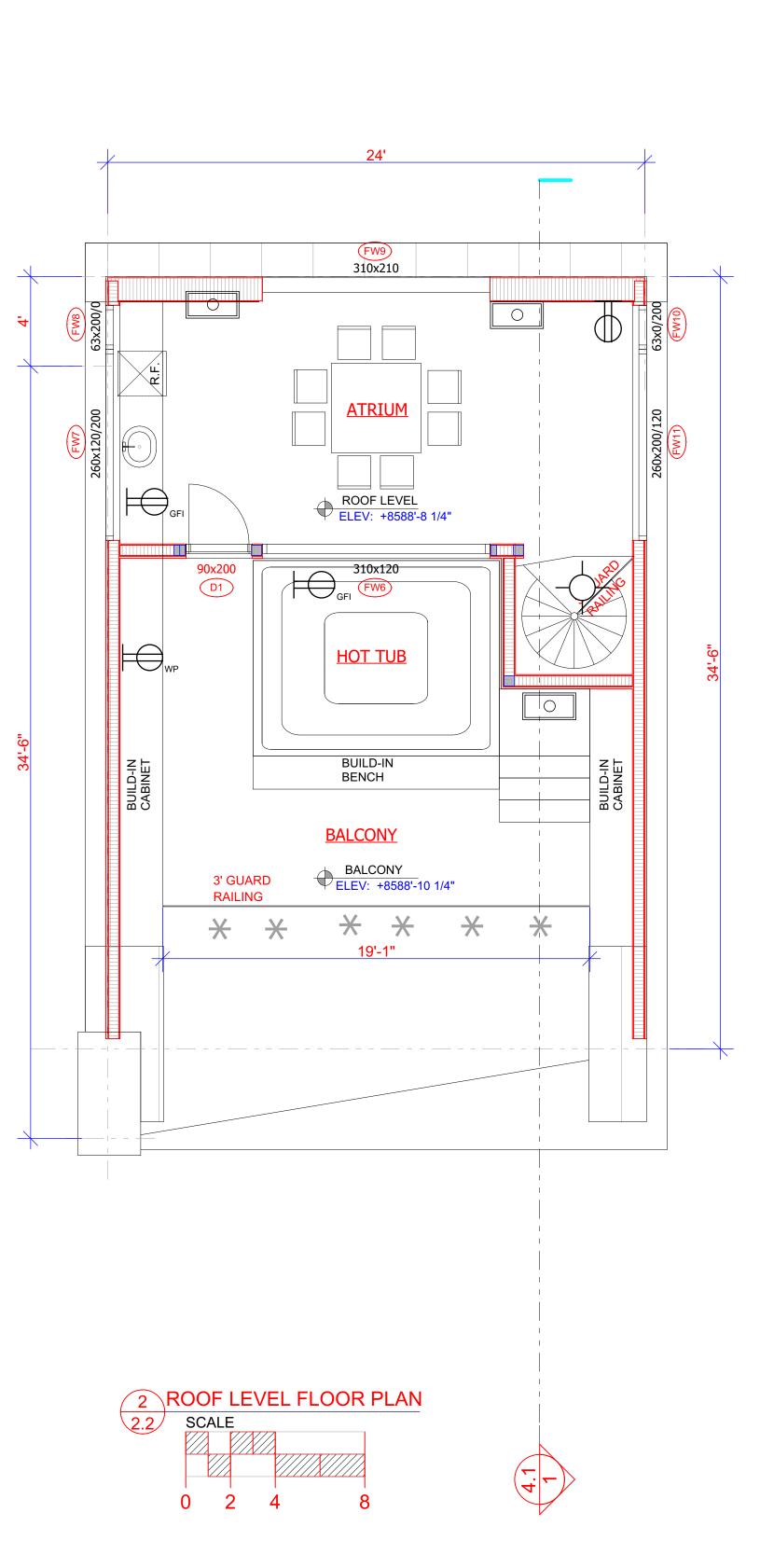






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Address 641	URAL OFFICE candinavian LLC 0 N. Business Loop Rd. Unit E 435–513–0355
A New Residence:	BLANE NINGOBURY AND MERKIT CHESSON Summit Powder Mountain, Lot # 70 8492 E. Spring Park, Utah
BUILDER Company Name Address Park C Phone Fax	
LEVEI	06-21-2018 1/4" = 1' -0" & LOWER _ FLOORS _ER'S APPROVAL : ate



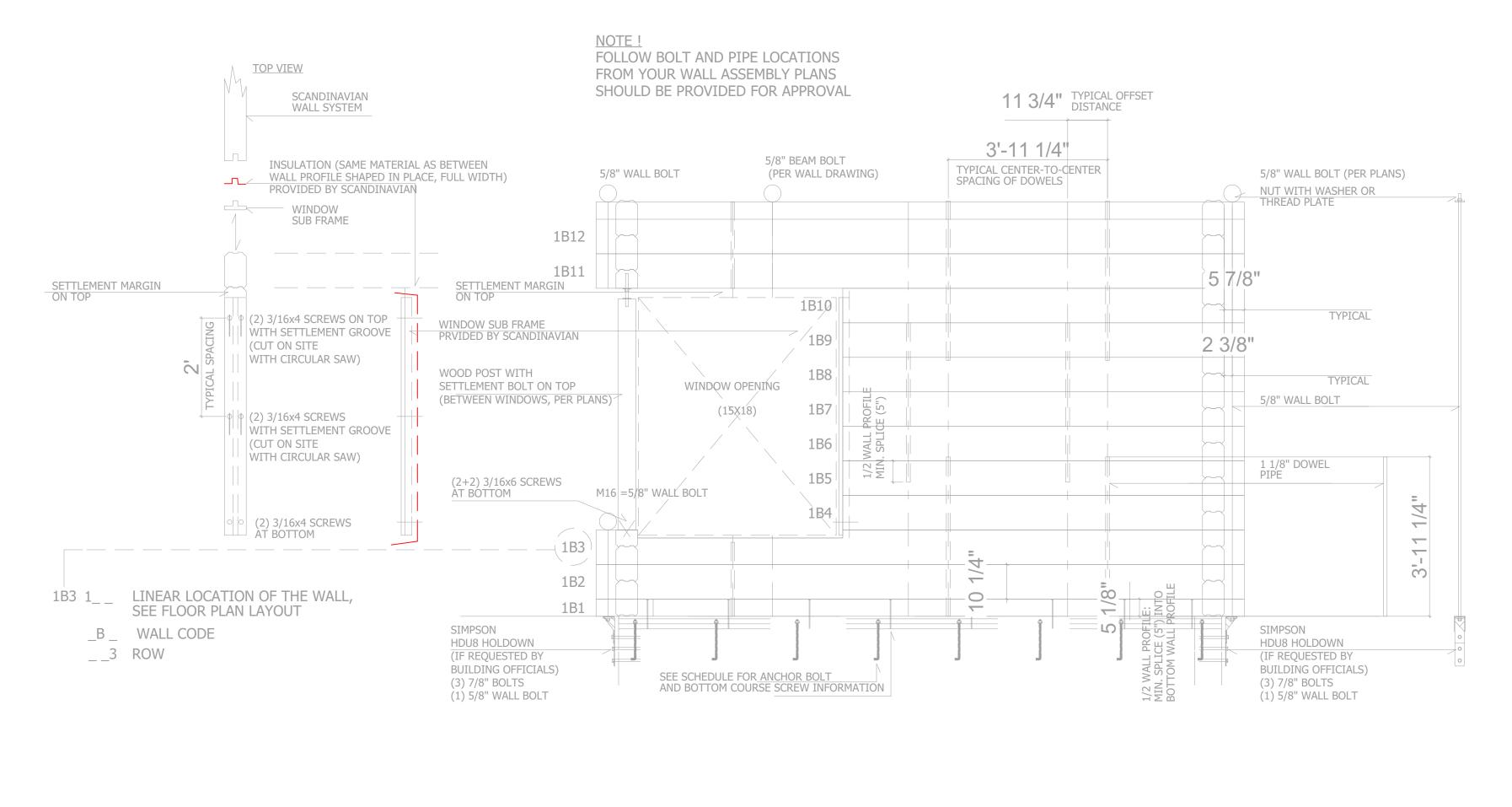




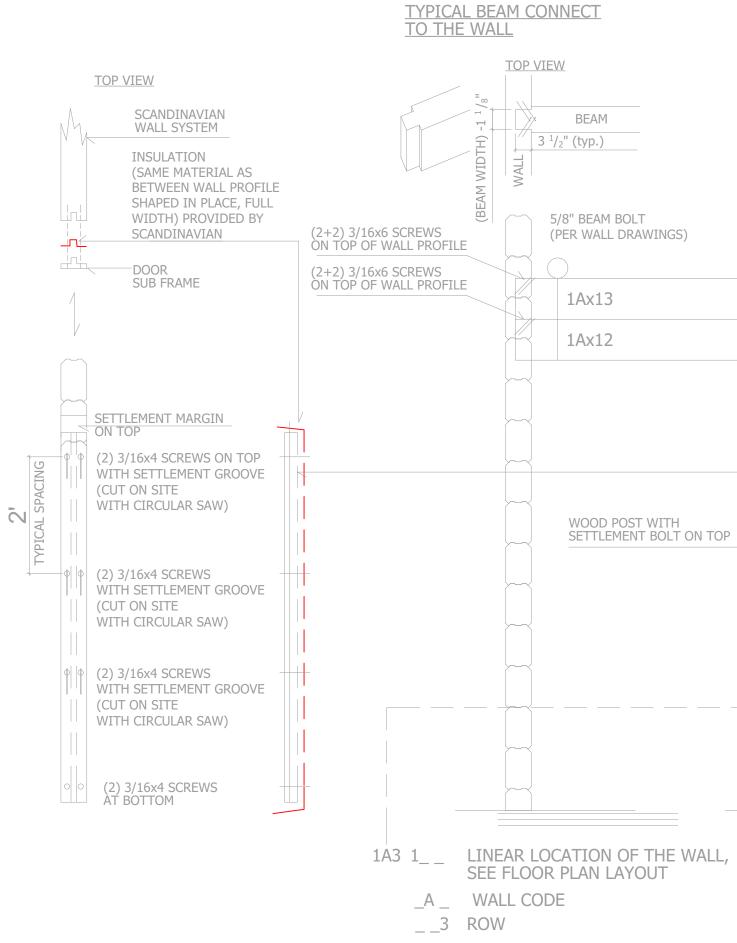
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## **TYPICAL SCANDINAVIAN WALL SECTION**



# **TYPICAL SCANDINAVIAN WALL SECTION**



TYPICAL WALL CONNECT TO THE WALL TOP VIEW DOVETAIL CORNER NOTE ! FOLLOW BOLT AND PIPE LOCATIONS INSULATION (SAME MATERIAL AS BETWEEN FROM YOUR WALL ASSEMBLY PLANS WALL PROFILE SHAPED IN PLACE, FULL WIDTH) SHOULD BE PROVIDED FOR APPROVAL PROVIDED BY SCANDINAVIAN 5/8" BEAM BOLT 5/8" BEAM BOLT 5/8" BEAM BOLT 5/8" BEAM BOLT 3'-11 1/4" (PER WALL DRAWINGS) (PER WALL DRAWINGS) (PER WALL DRAWINGS) (PER WALL DRAWINGS) TYPICAL CENTER-TO-CENTER SPACING OF DOWELS 11 3/4" \* 1Ax11 SETTLEMENT MARGIN 1Ax10 2Ax9 DOOR SUB FRAME PRVIDED BY SCANDINAVIAN 1Ax9 - DOVETAIL CORNER 1Ax8 2Ax8 DISTANCE WOOD POST WITH SETTLEMENT BOLT ON TOP DOOR OPENING 2Ax7 1Ax7 1Ax6 2Ax6 (9X24) 1Ax5 2Ax5 1 1/8" DOWEL PIPE 2Ax4 1Ax4 DOVETAIL CORNER (TYP.) (1Ax3)2Ax3 (1+1) 3/16x6 SCREWS ON TOP OF WALL PROFILE (2+2) 3/16x6 SCREWS AT BOTTOM 1Ax2 2Ax2 NOT ADEQUATE MIN 1/2 1Ax1 CONNECTION AT BASE SEE SCHEDULE FOR ANCHOR BOLT AND BOTTOM COURSE SCREW INFORMATION

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TOP VIEW

DOVETAIL

WALL

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