

Powder Mountain, Lot # 86R 8549 E. Spring Park,

Weber County, Utah Build by:

Scandinavian LLC

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S300 FOUNDATION DETAILS

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S304 SCANDINAVIAN WALL SECTION (TYP.)



DEFERRED

SUBMITTAL ITEMS BUILDING CODES USED FOR DESIGN:

IRC 2015 AS AMENDED BY THE STATE OF UTAH.

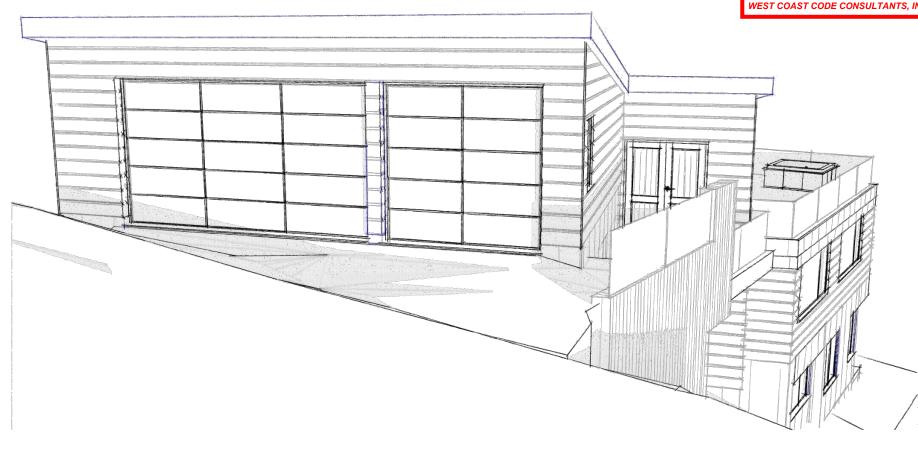
-FIRE SPRINKLER SYSTEM

-RADIANT HEATING SYSTEM

-FIREPLACE PRODUCT INFORMATION

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







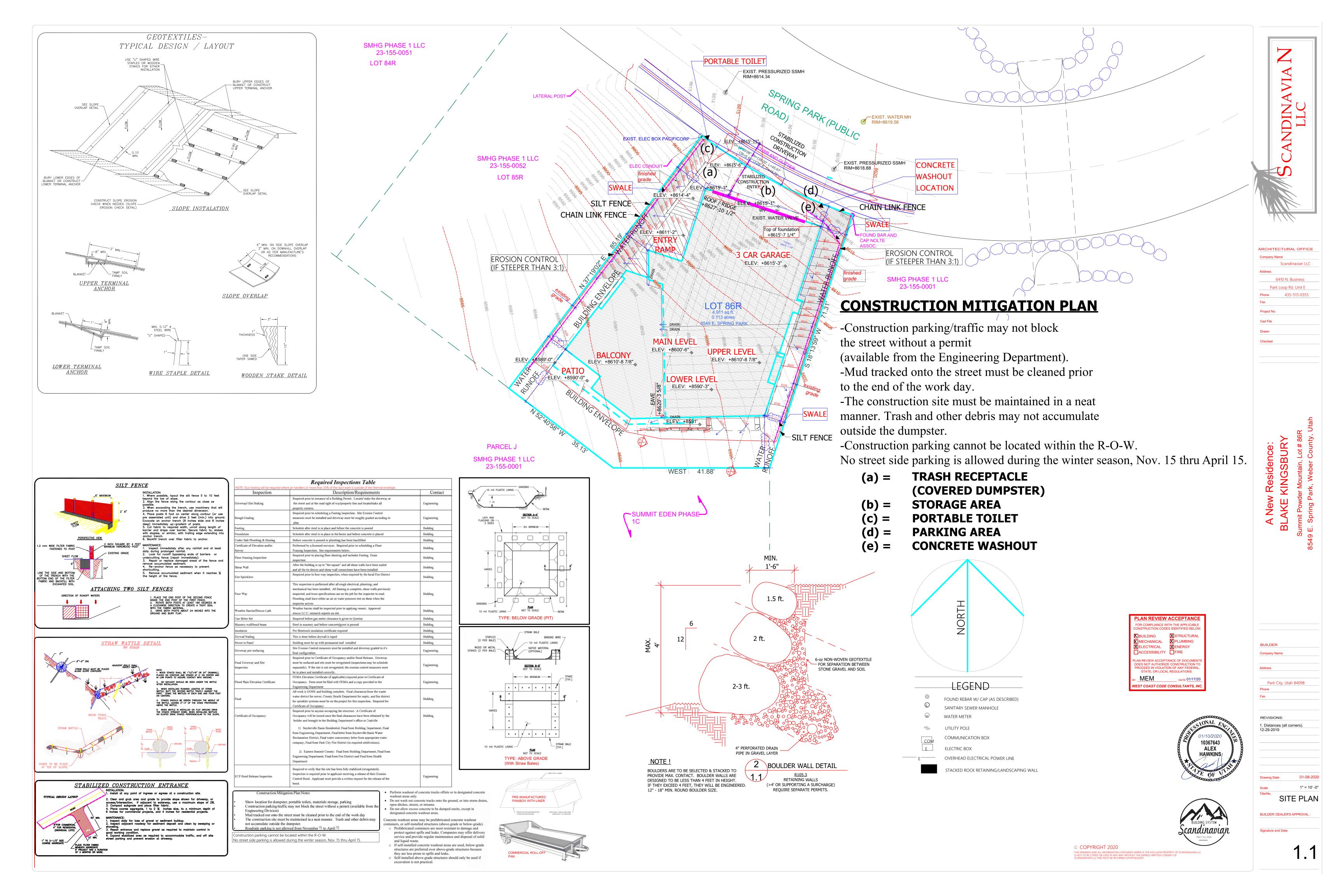
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CANDINAVIA N LLC

COVER SHEET

BUILDER/ DEALER'S APPROVAL

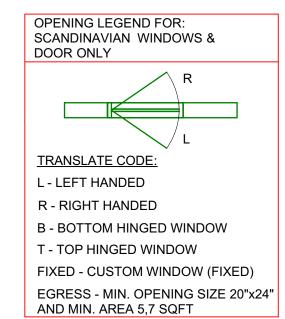


				<u>CANDINAVIAN WINDOW</u>			1	1	T	1
ID	TYPE	Size	Size	Opening type	Wall type	Wall thickness	Flashing	Screen	Notes	Quantity
		(cm)	(inches)							
W1	MSE175A	90 x 150	35,4 x 59,1	R	164			90x150	Tempered	1
W2	MSE175A	110 x 230	43,3 x 90,6	R	164				Laminated	1
W3	MSE175A	60 x 120	23,6 x 47,2	(1)L, (1)R	164			60x120	Tempered	2
W4	MSE175A	90 x 150	35,4 x 59,1	R	164			90x150	Tempered	1
W5	MSE175A	90 x 150	35,4 x 59,1	R	164			90x150	Tempered, egress	3
W6	MSE175A	60 x 150	23,6 x 59,1	L	164			60x150	Tempered	1
W7	MSE175A	110 x 150	43,3 x 59,1	R	369			110x160	Tempered, egress	1
W8	MSE175A	90 x 150	35,4 x 59,1	(1)R, (2)	192			90x150	Tempered, egress	3
W9	MSE175A	160 x 150	63,0 x 59,1	L+R	192			80x150	Tempered	1
TOTA	_									14

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CU	1 522

	TOTOL E CLASTALC	(cm)	(inches)	Opening type	Wall type	Wall thickness	Flashing	Screen	Notes	Quantity
W2 .	TRIPLE GLAZING	170 x 230	66,9 x 90,6	FIXED	190TF				Tempered (size per TF drawings)	1
	TRIPLE GLAZING	110 x 230	43,3 x 90,6	FIXED	190TF				Tempered (size per TF drawings)	1
:W3	TRIPLE GLAZING	180 x 230	70,9 x 90,6	FIXED	190TF				Laminated (size per TF drawings)	1
W4 -	TRIPLE GLAZING	100 x 230	39,4 x 90,6	FIXED	190TF				Laminated (size per TF drawings)	1
:W5	TRIPLE GLAZING	340 x 230	133,9 x 90,6	FIXED	190TF				Laminated (size per TF drawings)	1
W6	TRIPLE GLAZING	230 x 230	90,6 x 90,6	FIXED	190TF				Laminated (size per TF drawings)	1
:W7 I	MEK175A	230 x 230	90,6 x 90,6	FIXED	190TF				Laminated	1
8W ²	MEK175A	210 x 150	82,7 x 59,1	FIXED	164					2
:W9 I	MEK175A	150 x 240	59,1 x 94,5	FIXED	164				Laminated	2
:W10	MEK175A	180 x 240	70,9 x 94,5	FIXED	164				Laminated	2
W11	MEK145A	100 x 310	39,4 x 122,0	FIXED	190TF				Tempered (size per TF drawings)	1
W12	MEK145A	340 x 310	133,9 x 122,0	FIXED	190TF				Tempered (size per TF drawings)	1
W13 I	MEK145A	230 x 240	90,6 x 94,5	FIXED	190TF				Tempered (size per TF drawings)	1
W14 I	MEK175A	220 x 150	86,6 x 59,1	FIXED	192				1.,	1
	MEK175A	180 x 150	70,9 x 59,1	FIXED	192				Tempered	3
	MEK145A	340 x 80	133,9 x 31,5	FIXED	190TF				Tempered (size per TF drawings)	1

				SCANDINAVIAN DOOR S	SCHEDULE					
ID	TYPE	Size (cm)	Size (inches)	Opening type	Wall type	Wall thickness	Flashing	Screen	Notes	Quantity
SD1	ILO-166A	330 x 230	129,9 x 90,6	L	190TF				tempered, glass door	1
D1	EPO-175A	100 x 240	39,4 x 94,5	L	192				tempered, glass door	1
D2	EPO-175A	100 x 210	39,4 x 82,7	R	192				tempered, glass door	1
TOTA	L									3



WINDOW FRAME CONNECTED TO SCANDINAVIAN PROFILE WALL.

164 [6 1/2"]

- NASHUA WATERPROOFING TAPE ---(361-11)

ANODIZED ALUM. FLASHING

TOP DTL

BOTTOM DTL

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

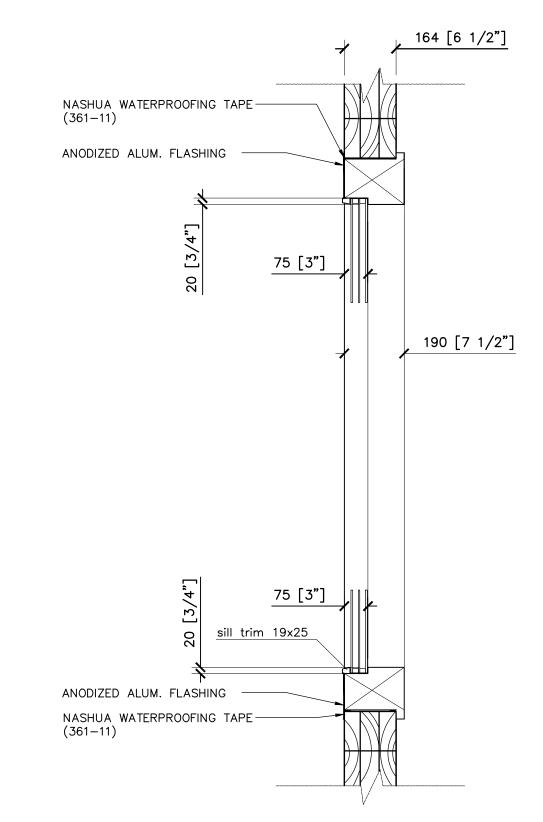
SIDE DTL

164 [6 1/2"]

- WINDOW HEADER PER PLAN

MECHANICAL PLUMBING XELECTRICAL XENERGY ACCESSIBILITY FIRE PLAN REVIEW ACCEPTANCE OF DOCUMENTS DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS. Y: MEM WEST COAST CODE CONSULTANTS, INC

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



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ARCHITECTURAL OFFICE Scandinavian LLC

6410 N. Business Park Loop Rd. Unit E Phone 435-513-0355 Project No. Cad File

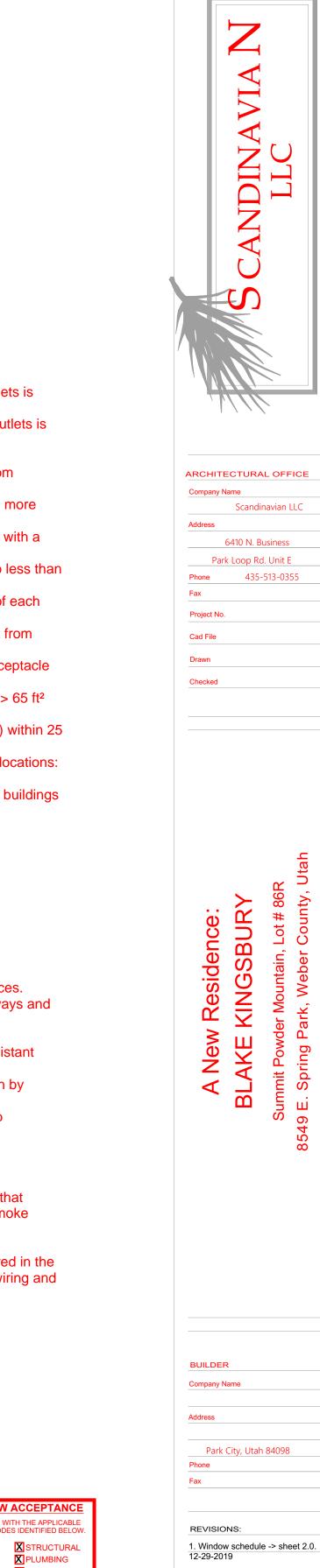
BUILDER

Park City, Utah 84098

REVISIONS:

1. Window schedule + details. 12-29-2019

Scale
Title/No.
WINDOW & DOOR
SCHEDULE
BUILDER/ DEALER'S APPROVAL: Signature and Date



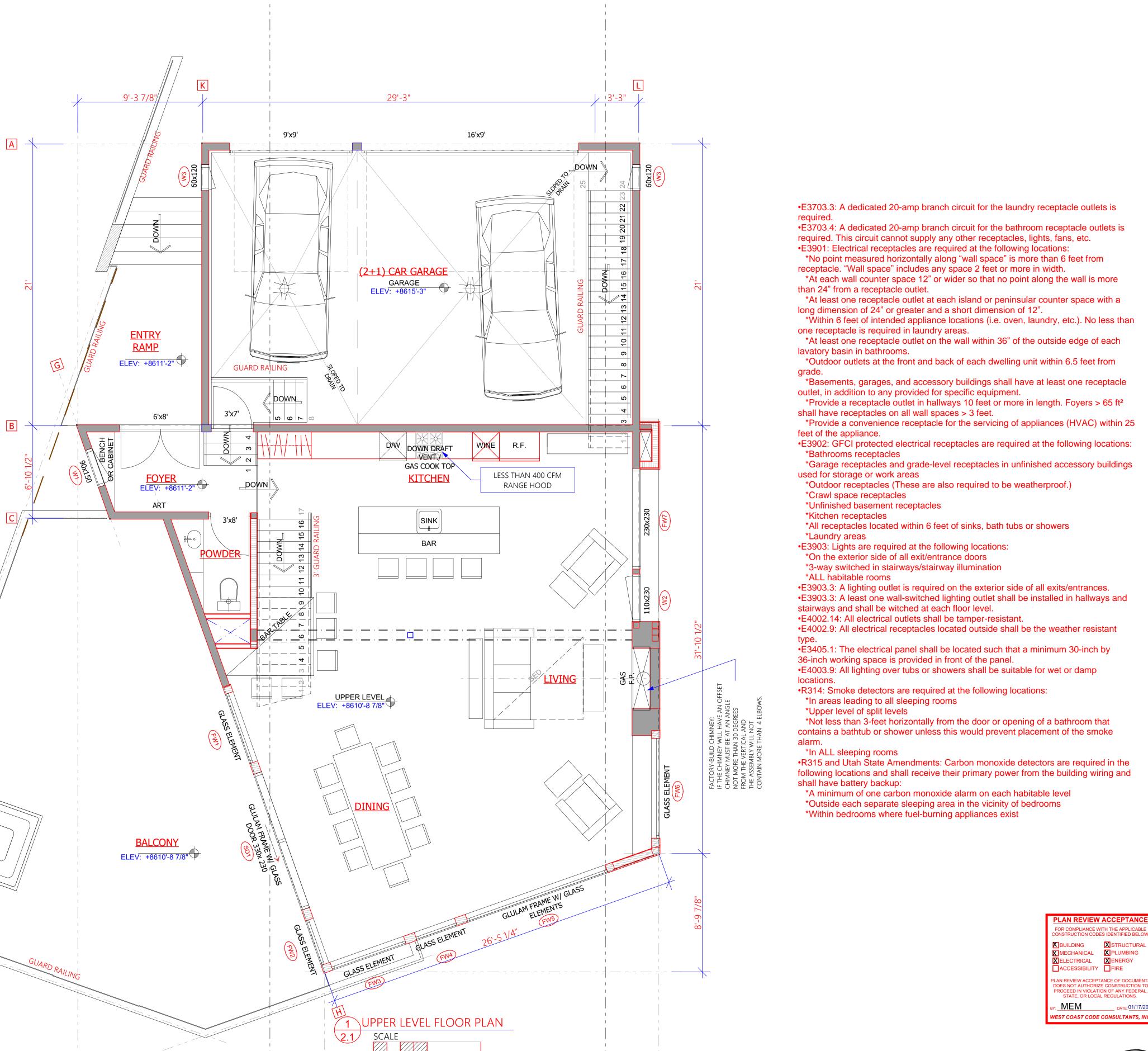
Scandinavian LLC

6410 N. Business

Park Loop Rd. Unit E

New Reside AKE KINGSI

Park City, Utah 84098



18'-4 7/8"

43'-3 7/8"

•Provide Geotech letter to inspector at time of footing inspection.

•Provide all documentation at time of inspection to ensure a timely inspection.

provided per R308.1, R308.3.1 and R308.4.4.

siding, brick veneer, asphalt shingles, clay tiles.

the street fronting the property.

•Provide manufacture specs to the inspector of the glass railing to be installed and ensure tempered glazing is

•R319.1: Buildings shall be provided with address identification legible and placed in a position that is visible from

•R703.8 and R905: Wall and roof flashings are required to meet code based upon the applicable application, i.e.,

•R903.2.2: A cricket or saddle is required on the ridge side of any roof penetration or chimney more than 30

•R1004.1: Provide the listing and manufacturer's installation instructions for the gas fireplace to the inspector.

•G2419.4: Sediment traps are required on the downstream side of the gas-fired appliances shutoff valve.

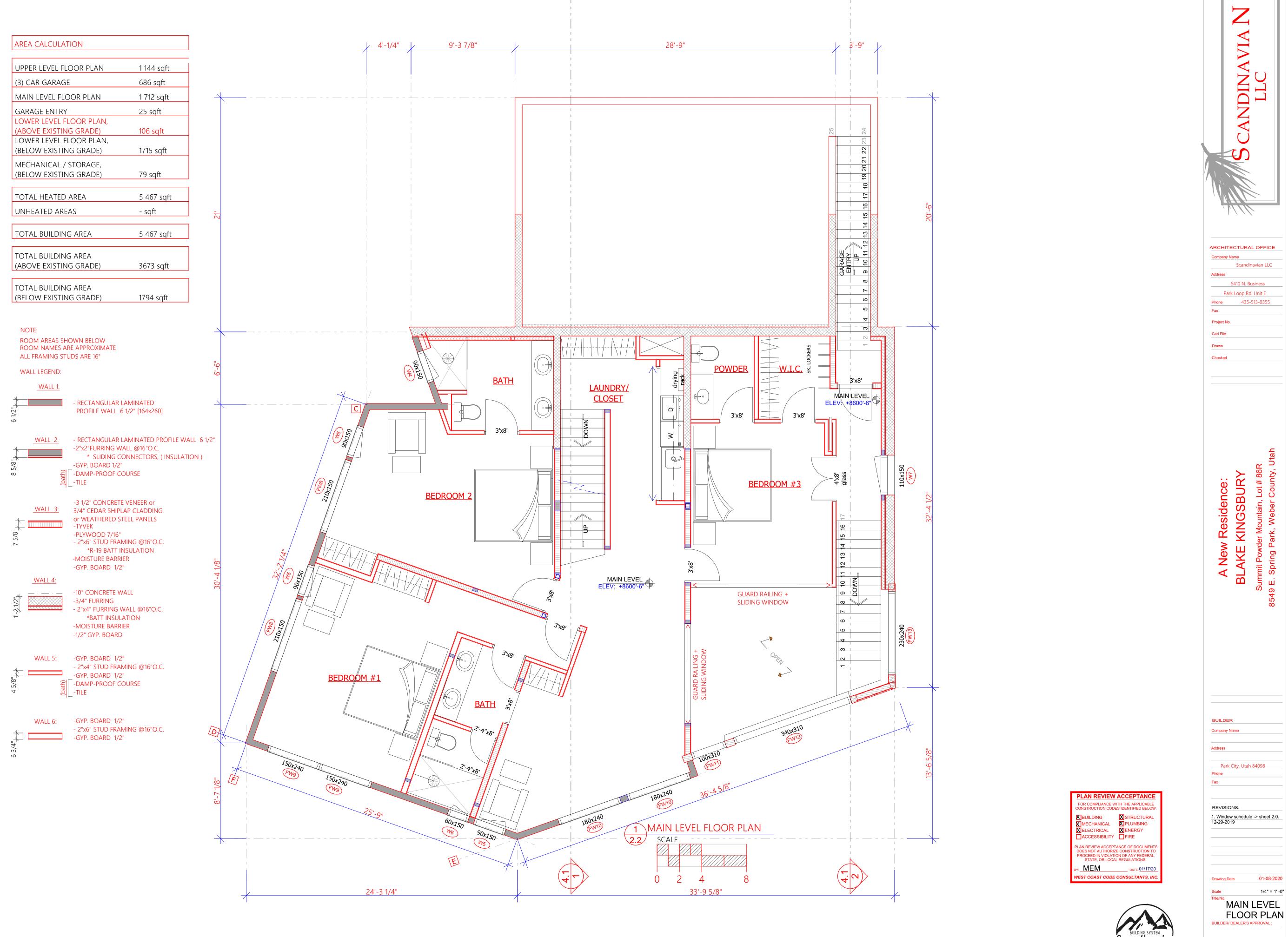
2.

01-08-2020

UPPER LEVEL FLOOR PLAN

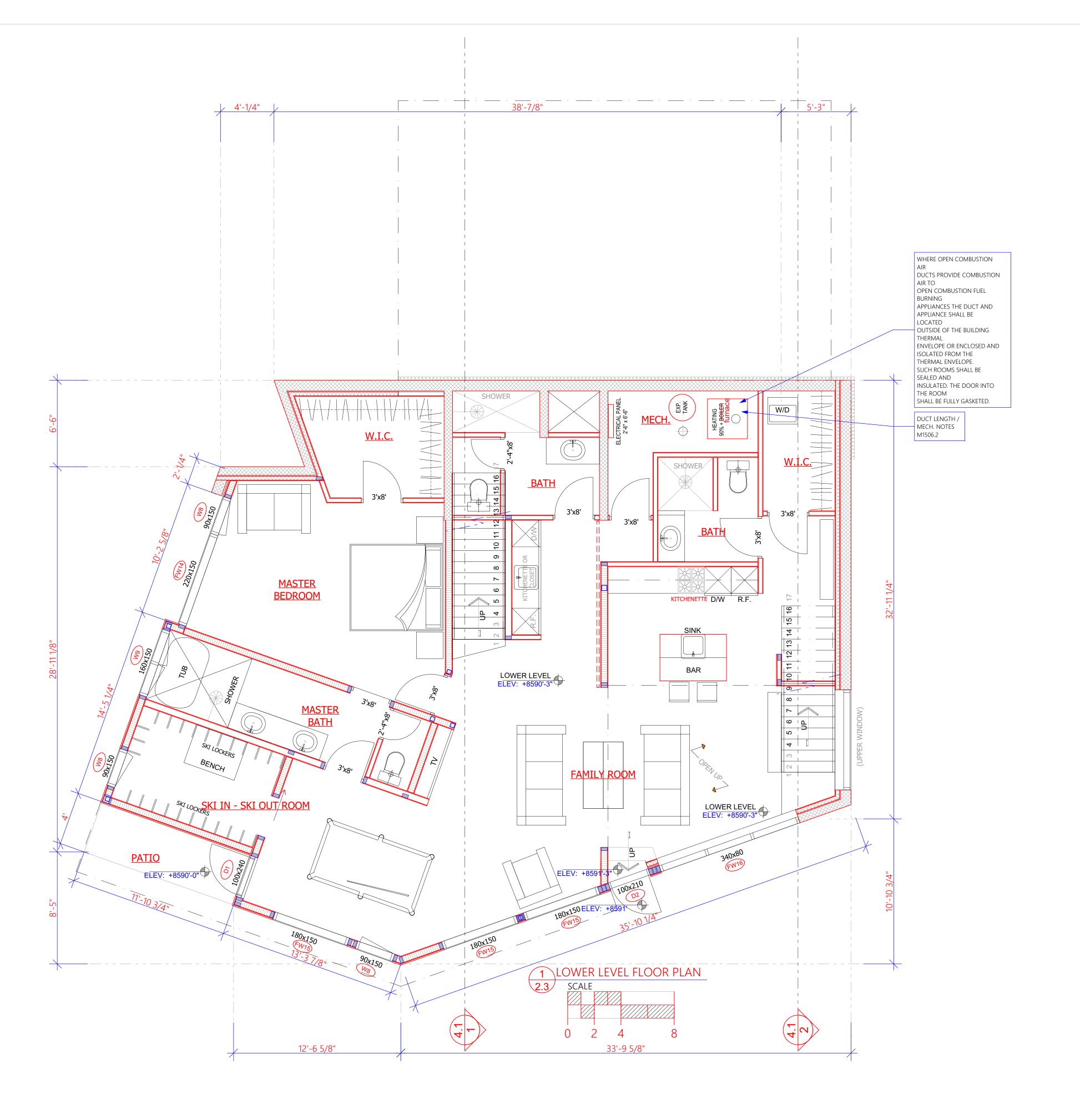
Signature and Date

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Signature and Date



ARCHITECTURAL OFFICE

Scandinavian LLC 6410 N. Business

BUILDER

Park City, Utah 84098

REVISIONS:

Scale 1/4" = 1' -0"

Title/No.

LOWER LEVEL

FLOOR PLAN

BUILDER/ DEALER'S APPROVAL:

Signature and Date

PLAN REVIEW ACCEPTANCE OF DOCUMENT DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL STATE, OR LOCAL REGULATIONS.

WEST COAST CODE CONSULTANTS, INC

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BUILDER

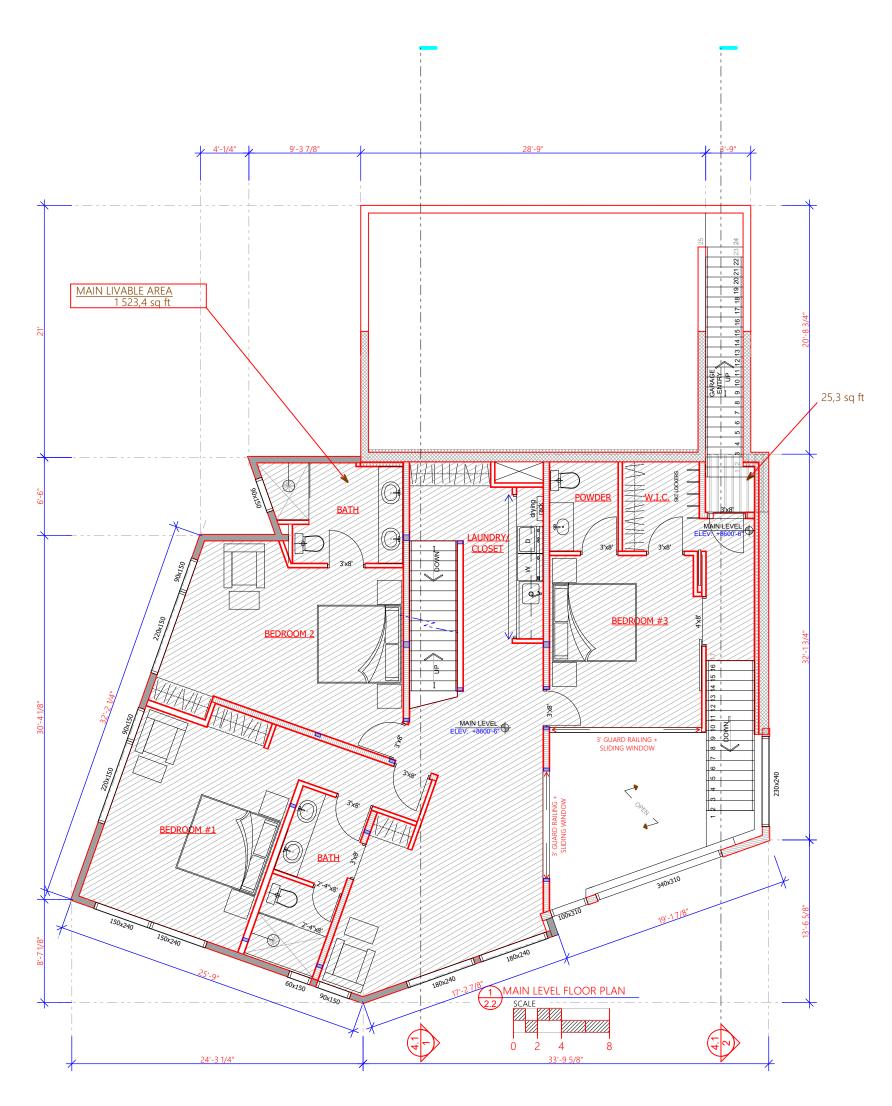
Park City, Utah 84098

REVISIONS:

Scale
Title/No.
AREA 3/16" = 1' -0"

CALCULATION BUILDER! DEALER'S APPROVAL: Signature and Date

2.5

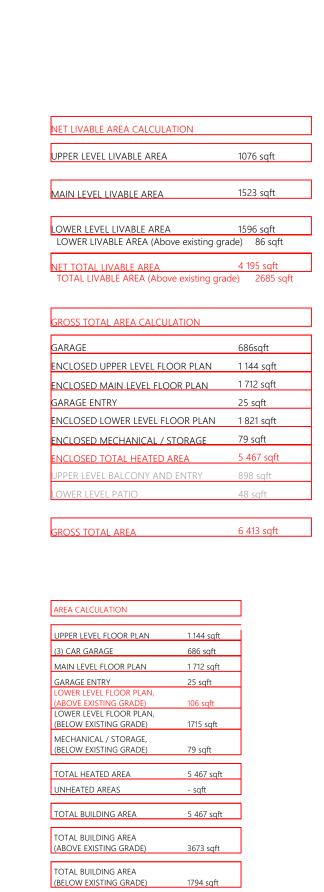


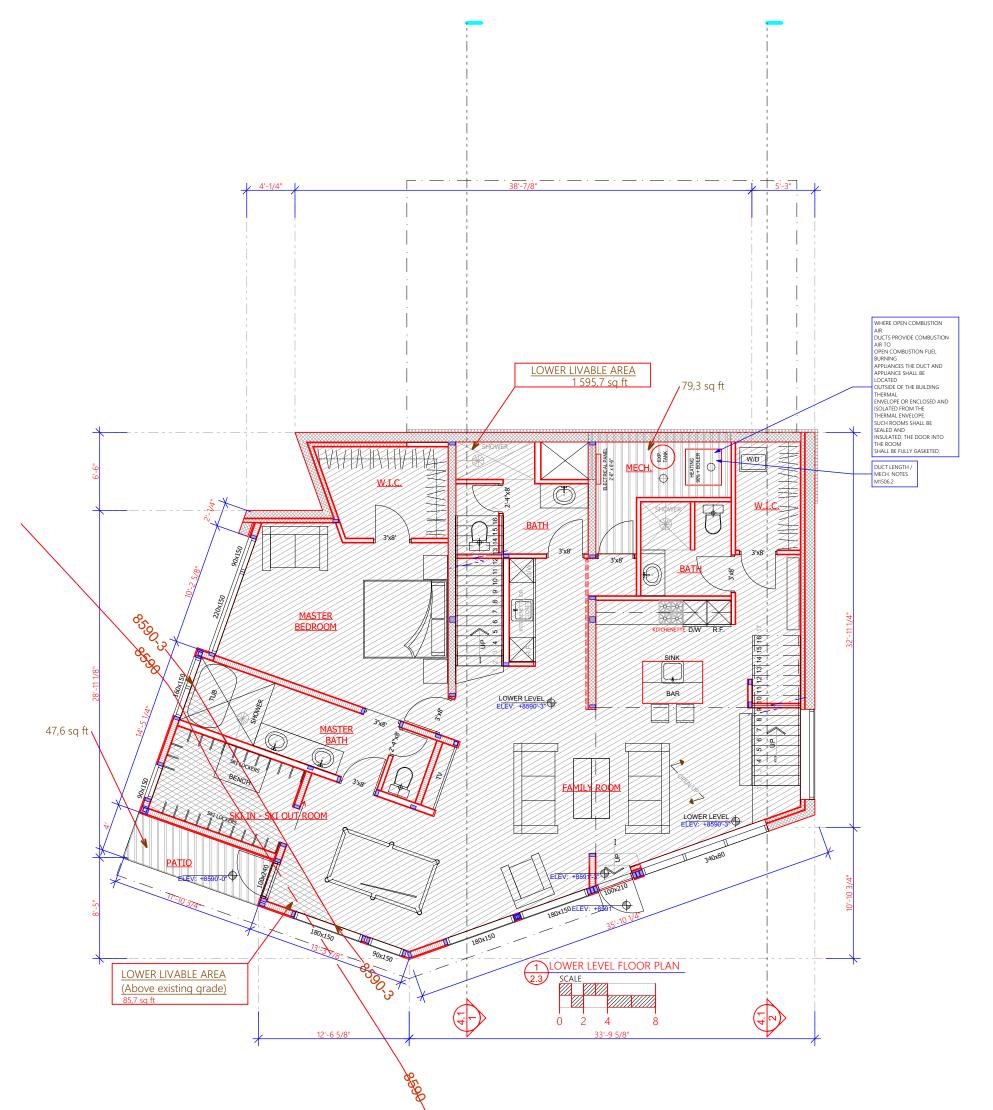
130,0 sq ft 🔪

768,0 sq ft

ELEV: +8611'+2"

UPPER LIVABLE AREA 1075,7 sq ft

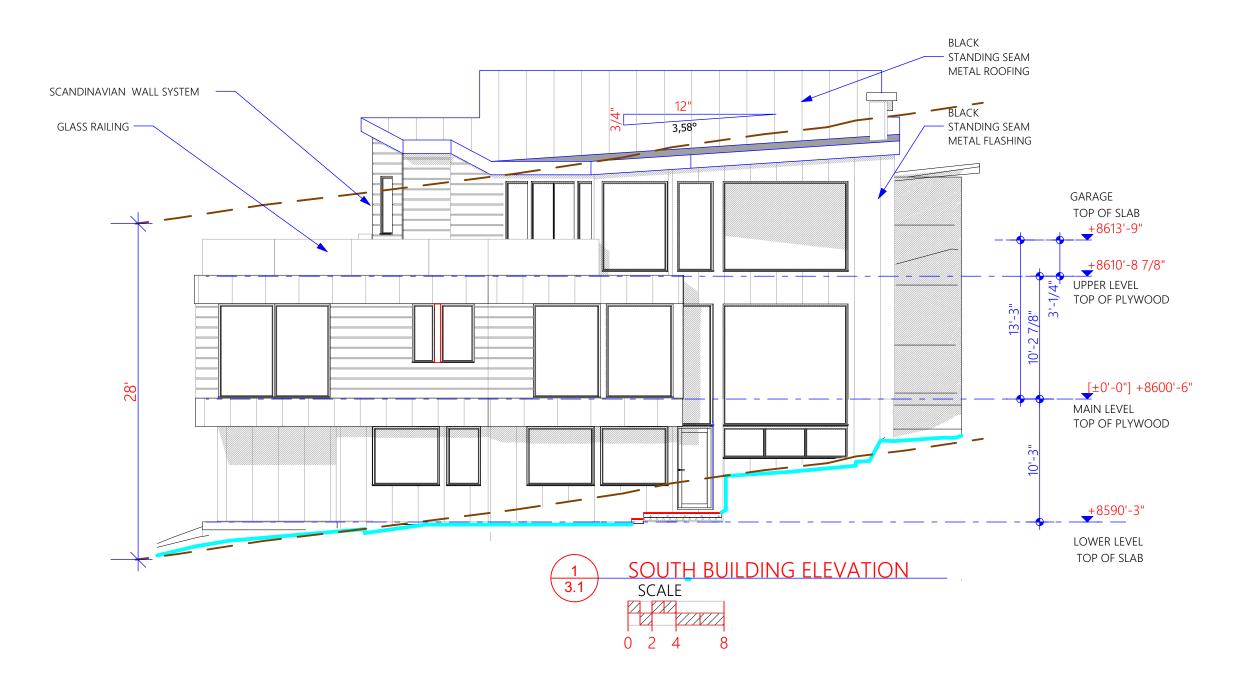


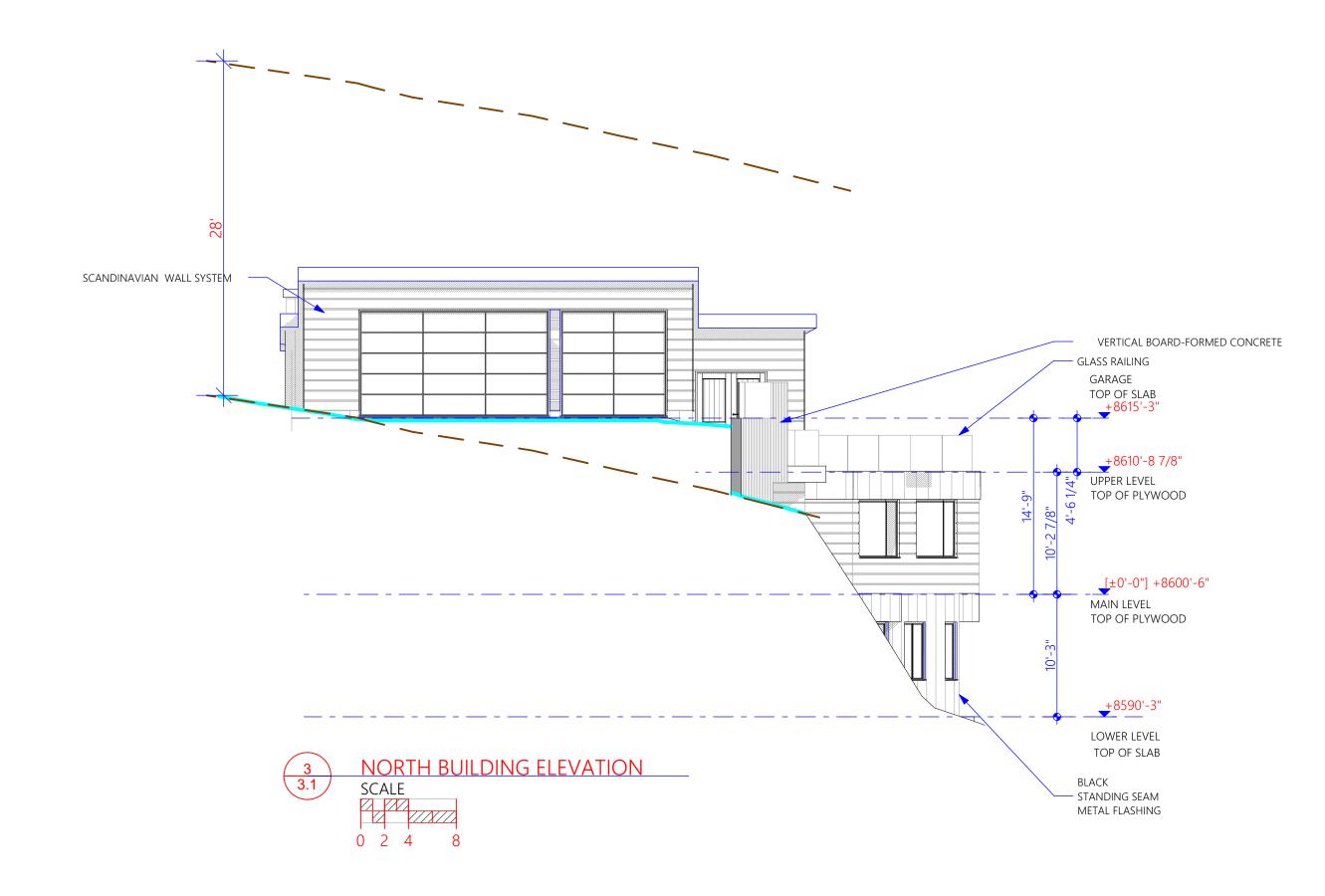


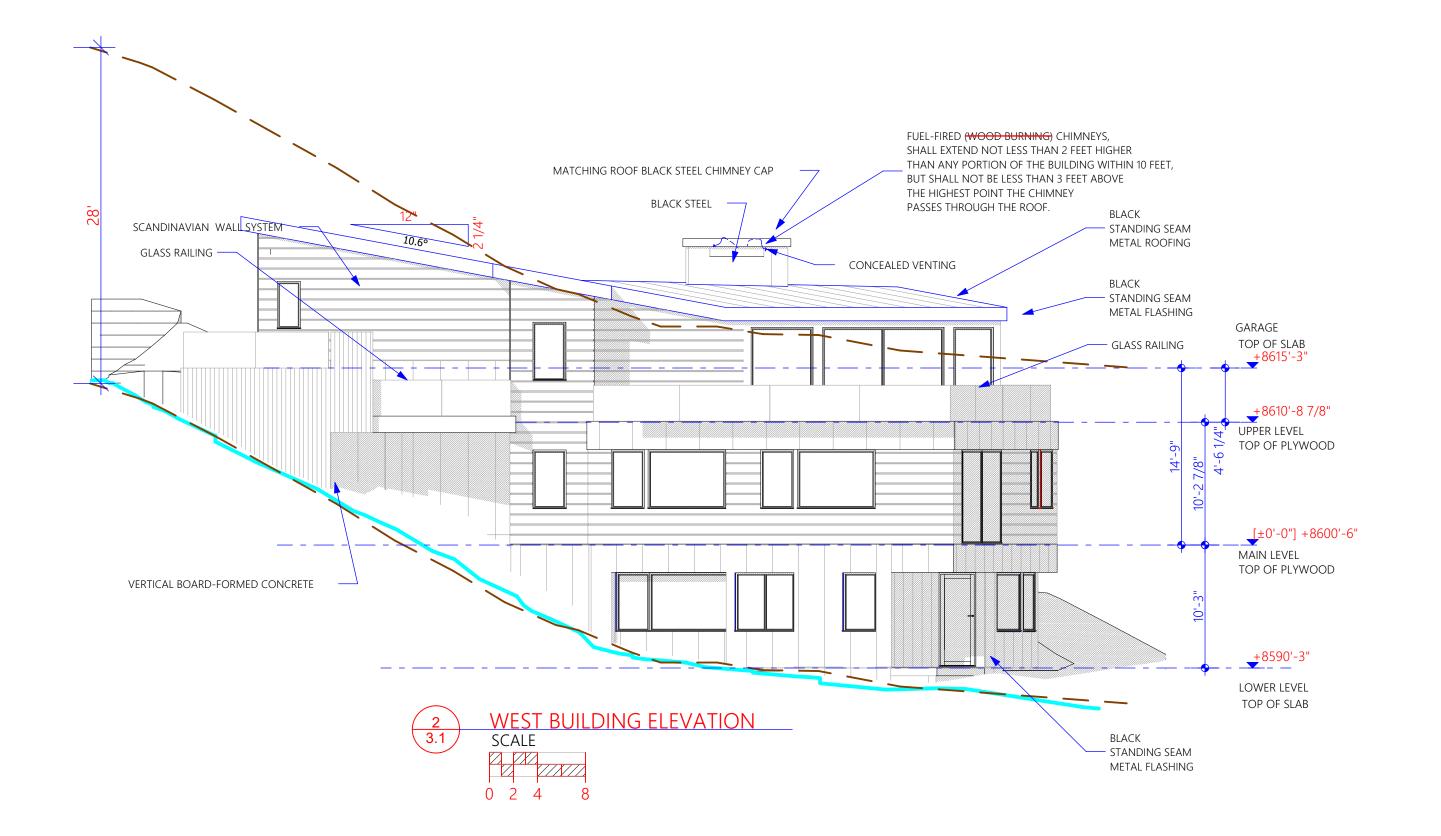
FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELO MECHANICAL PLUMBING X ELECTRICAL X ENERGY PLAN REVIEW ACCEPTANCE OF DOCUMENT DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL STATE, OR LOCAL REGULATIONS. MEM

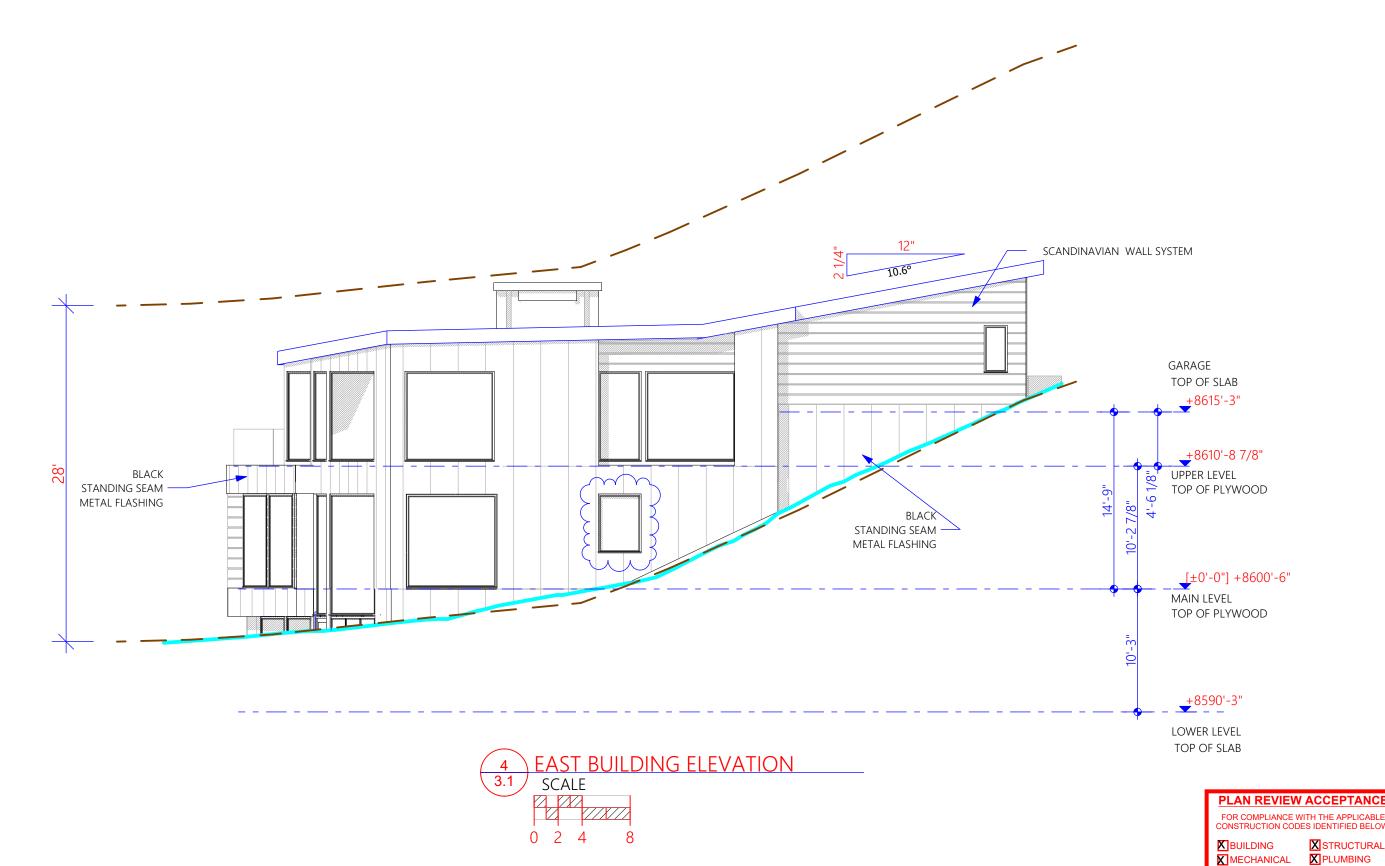
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XELECTRICAL XENERGY

PLAN REVIEW ACCEPTANCE OF DOCUMEN DOES NOT AUTHORIZE CONSTRUCTION T PROCEED IN VIOLATION OF ANY FEDERAL STATE, OR LOCAL REGULATIONS.

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ARCHITECTURAL OFFICE Scandinavian LLC 6410 N. Business Park Loop Rd. Unit E Phone 435-513-0355

Project No. Cad File

A New Reside BLAKE KINGSI

BUILDER Company Name

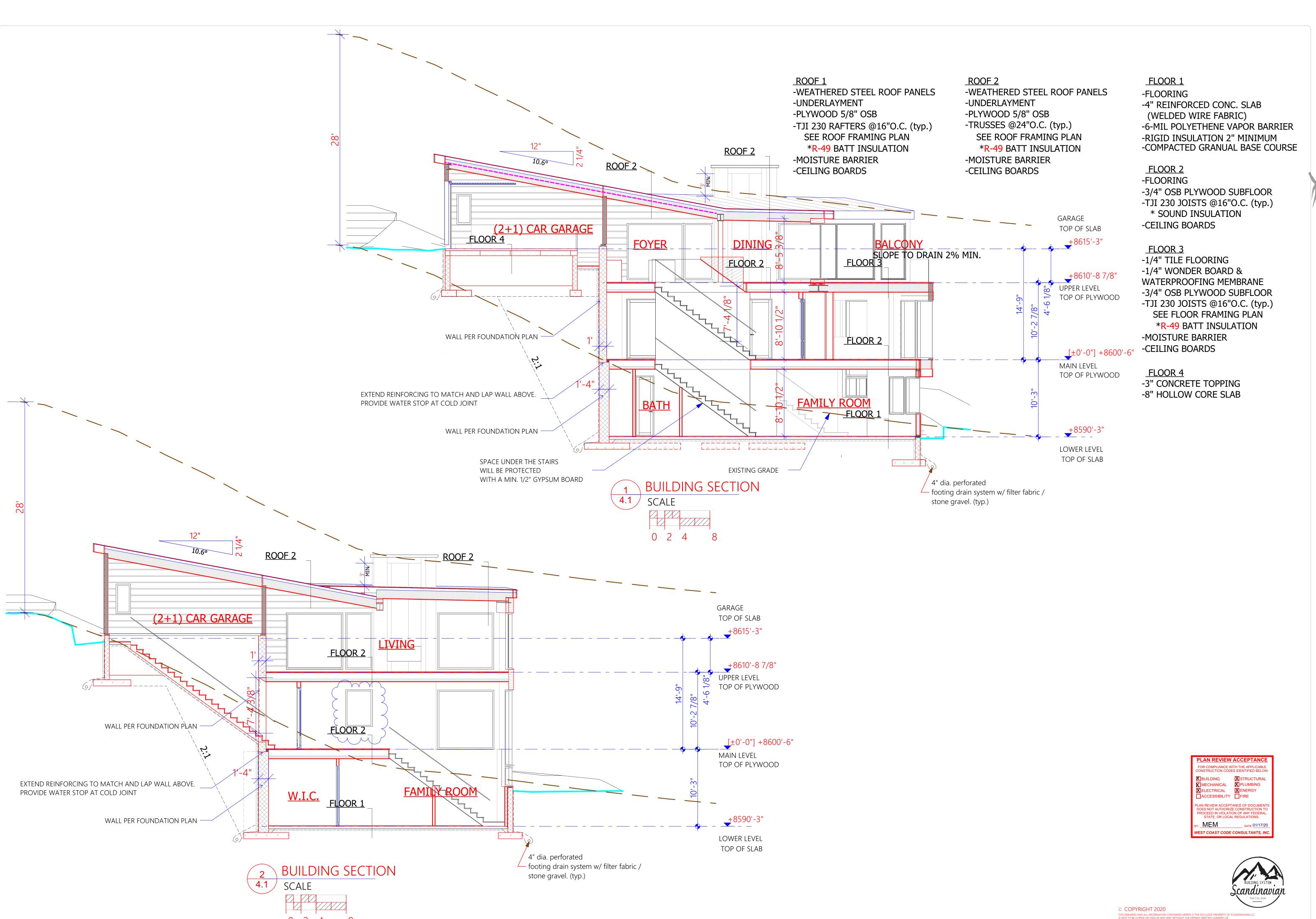
Park City, Utah 84098

REVISIONS: 1. Egress window. 12-29-2019

01-08-2020

BUILDING **ELEVATIONS** BUILDER/ DEALER'S APPROVAL:

Signature and Date



ARCHITECTURAL OFFICE

Company Name

Scandinavian LLC

Address

6410 N. Business

Phone 435-513-0355

Fax

Project No.

Cad File

Cad File

Drawn

Checked

A New Residence:
BLAKE KINGSBURY
Summit Powder Mountain, Lot # 86R

BUILDER
Company Name

Park City, Utah 84098

REVISIONS:

1. Egress window.
12-29-2019

BUILDING SECTION
BUILDER/ DEALER'S APPROVAL:
Signature and Date

4.1

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 TH 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 F. OBSERVATION VISITS TO THE SITE BY THE ENGINEER OR THIER REPRESENTATIVES

SHALL NOT BE CONSTRUED AS INSPECTION NOR APPROVAL OF CONSTRUCTION. ALL CONSTRUCTION AND INSPECTION SHALL BE IN ACCORDANCE WITH THE LATEST

EDITION OF THE IBC. THE CONTRACTOR SHALL COORDINATE ALI QUIRED 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.

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.

THE CONTRACTOR SHALL COORDINATE AND VERIFY ALL DIMENSIONS AND ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS AND ARCHITECTURAL DRAWINGS WITH SITE CONDITIONS

RECESSES, DEPRESSIONS, RAILINGS, WATERPROOFING, FINISHES, CHAMFERS, KERFS, 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. UIF ANY CONFLICTING CONDITIONS ARISE DURING CONSTRUCTION, CONTRACTOR SHALL NOTIFY DESIGNER BEFORE PROCEEDING WITH FABRICATION OR

THERMAL OR MOISTURE PROTECTION, FURNISHINGS, DOORS, WINDOWS, EQUIPMENT, MECHANICAL, ELECTRICAL, FINISHES, SIDING, PANELING, VENEERS ARE NOT PART OF THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

FOUNDATION NOTES ALLOWABLE SOIL PRESSURE USED IN DESIGN = 3400 PSF. AND TO BE

L ENGINEER BEFORE PLACING CONCRETE. OF THE BEAM FOR THE SPAN AND STEEL SPECIFIED.

2. ALL FOOTINGS SHALL BEAR 18" MINIMUM INTO ORIGINAL UNDISTURBED EARTH OR ON ENGINEERED FILL ACCORDING TO THE GEOTECHNICAL REPORT.

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.

STAIRS: THE STAIRS MUST PROVIDE A REQUIRED MINIMUM WIDTH OF 36" ABOVE THE PERMITTED HAND RAIL AND BELOW THE REQUIRED HEADROOM HEIGHT AND NOT LESS THAN 31.5" CLEAR MINIMUM WIDTH AT AND BELOW THE HANDRAIL HEIGHT, INCLUDING TREADS AND LANDINGS. 311.5.1

THE MAXIMUM RISE OF A STEP IS 8" AND THE MINIMUM RUN IS 9". R311.5.3 STATE AMENDMENT

THE MINIMUM WIDTH OF THE RUN NARROWER END IS 6" AND THE RUN MUST BE 10" AT A POINT

OUT FROM THE NARROWER POINT. R311.5.3.2

THE MINIMUM HEADROOM VERTICALLY FROM NOSING LINE IS 6'-8". R311.5.2

OR SAFETY TERMINALS. R311.5.6

A CONTINUOUS HANDRAIL IS REQUIRED ALONG A STAIRWAY. IT IS REQUIRED TO BE 34"...38"

ABOVE THE NOSING OF THE STEPS. ENDS SHALL RETURN OR SHALL TERMINATE IN NEWEL POSTS

THE HANDGRIP PORTION OF HANDRAILS SHALL BE NOT LESS THAN 1 1/4" NOR MORE THAN 2 5/8" IN CROSS-SECTIONAL DIMENSION. R311.5.6

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

AND THE NEAREST PORTION OF THE HANDRAIL. R315 FOR THE STAIRS IDENTIFY THE SPACING BETWEEN GUARDRAIL TO BE MAX OF 40". OPENINGS IN GUARDS SHALL HAVE INTERMEDIATE RAILS OF ORNAMENTAL CLOSURES THAT DO NOT ALLOW PASSAGE OF A 4-INCH SPHERE.

A 36" HIGH GUARDRAIL IS REOUIRED 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

1. NO PIPES, DUCTS, SLEEVES, ETC. SHALL BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED OR APPROVED BY STRUCTURAL ENGINEER. NO

ROUTED AROUND THESE ELEMENTS AND FOOTINGS STEPPED TO AVOID PIPING.

PLUMBING AND ELECTRICAL SLEEVES NOT EXCEEDING 8" IN DIAMETER MAY BE

NOT PLACED CLOSER THAN 36" O.C.,

COLD JOINTS UNLESS NOTED OTHERWISE.

MATERIALS SHALL BE STRAIGHT AND TRUE.

EXPOSED TO EARTH OR WEATHER:

DIAMETERS IN MASONRY

STRUCTURAL STEEL

NOT EXPOSED TO WEATHER OR EARTH:

THE LATEST EDITION OF THE FOLLOWING:

SHAPES/PLATES - ASTM A-36 (U.N.O.)

ANCHOR BOLTS (A.B.) - ASTM A-307

FOR WELDING STEEL DECKS.

IN FIRM CONTACT.

< 8 1/4"

8 1/4" < BF < 12 1/2"

AND COMPLETELY COVER THE HOLE.

12 1/2" < BF < 18" 1/2"

AS THICKNESS OF THE THINNEST PART.

TUBES - ASTM A-500, GRADE B (FY = 46 KSI) PIPE COLUMNS - ASTM A-53, GRADE B TYPE E OR S

DEFORMED BAR ANCHORS (DBA) - ASTM A-496

HEADED STUD ANCHORS (HSA) - ASTM A-108

CURBS, RAMPS, ETC..

PLACED IN FOUNDATION WALL PROVIDED NO REINFORCING IS CUT AND SLEEVES ARE

REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, ETC. TO

(2) #4 BARS ALL SIDES IN ADDITION TO REGULAR WALL REINFORCING AND EXTEND

BE CAST IN TO CONCRETE, AND FOR EXTENT AND LOCATION OF DEPRESSIONS,

3. UNLESS OTHERWISE NOTED, MAKE ALL CONCRETE SLABS ON EARTH AT LEAST 4"

4. AROUND OPENINGS LARGER THAN 12" IN ANY DIRECTION IN CONCRETE WALLS, ADD

6. ALL VERTICAL CONCRETE FACES (INCLUDING FOOTINGS) SHALL BE FORMED. FORM

ALL REINFORCING BARS SHALL CONFORM TO ASTM STANDARD A-615 GRADE

60 AND ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM STANDARD

SUPPORT ALL REINFORCING STEEL AS SPECIFIED BY ACI 315, TO MAINTAIN EXA

REQUIRED POSITION. ALL FIELD BENT DOWELS SHALL BE BENT ONLY ONCE.

PLACE REINFORCING AT CENTER OF SLAB UNLESS INDICATED OTHERWISE.

4. ALL VERTICAL REINFORCING SHALL BE DOWELED TO FOOTINGS OR STRUCTURE

EXCEPT WHERE NOTED, CONTINUOUS REINFORCEMENT SHALL BE SPLICED AT POINTS.

BELOW WITH DOWELS TO MATCH. SPLICE LENGTHS SHALL COMPLY WITH NOTE F.3.

EXTEND TO WITHIN 4" OF THE BOTTOM OF THE FOOTING, BUT NOT MORE THAN 20"

DOWELS INTO FOOTINGS SHALL TERMINATE WITH A STANDARD HOOK, AND SHALL

5. DO NOT WELD REINFORCING EXCEPT AS NOTED ON PLANS. WHERE REINFORCING IS

STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH

AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF

B. AISC "CODE OF STANDARD PRACTICE" EXCLUDING THE FOLLOWING SECTIONS:

C. AISI "SPECIFICATIONS FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL

A. STRUCTURAL STEEL FOR BUILDINGS", WITH "COMMENTARY".

STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING:

1.5.1, 3.3 (FIRST SENTENCE), 4.2, 4.2.1, 4.2.2, 7.5.4, 7.11.5

WITH ASTM A-563 HEAVY HEX NUT AND HARDENED WASHERS, GRADE A.

4. CONNECTIONS SHALL COMPLY WITH THE STRUCTURAL DRAWINGS UNLESS WRITTEN

A. ALL WELDING AND CUTTING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS.

B. USE E-70XX ELECTRODES UNLESS NOTED OTHERWISE. E60-XX MAY BE USED

C. ALL INTERSECTING STEEL SHAPES WHICH ARE NOT CONNECTED WITH BOLTS

OTED OTHERWISE. WHERE WELD SIZES ARE NOT SHOWN USE THE

D. WELDING OF HSA'S AND DBA'S SHALL CONFORM TO THE MANUFACTURER'S

REOUIRE THAT SOME WELDS BE FIELD WELDS. WHERE OUESTIONS OR

A. UNLESS OTHERWISE NOTED, ALL STRUCTURAL STEEL TO STEEL CONNECTIONS

B. UNLESS NOTED OTHERWISE ALL BOLTING IS CLASSIFIED AS NON-SLIP CRITICAL

C. AT OVERSIZE AND SLOTTED HOLES, WASHERS SHALL CONFORM TO ASTM F-436

D. WHERE A STEEL BEAM TO BEAM CONNECTION IS NOT SHOWN, PROVIDE AN AISC

FLANGE WIDTH U STIFFENER THICKNESS WELD SIZE

REQUIREMENTS FOR DIRECT APPLIED INSULATION, FIREPROOFING, ETC. AS NOTED

INSIDE THE EXTERIOR

LISTED IN R905.10

SECTIONS 506.2 THROUGH 506.4.

8. FABRICATORS AND SUPPLIERS SHALL COORDINATE PAINT/FINISHES WITH

ROOFING:

STANDARD FRAMED CONNECTION SIZED FOR 1/2 OF THE TOTAL LOAD CAPACITY

1/4"

TIGHTEN BOLTS TO A SNUG TIGHT CONDITION, WITH ALL PLIES OF THE JOINT

SHALL USE HIGH STRENGTH BOLTS CONFORMING TO ASTM A-325.

BETWEEN THE SHOP FABRICATOR AND THE STEEL ERECTOR.

SHALL BE WELDED TOGETHER WITH A FILLET WELD ALL AROUND UNLESS

FOLLOWING: 1) WHERE ALL CONNECTED PARTS ARE THICKER THAN 1/4". WELD

SIZE IS 1/16" 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

CONSIDERATIONS, SUCH AS ITEMS WHICH MAY NEED ADJUSTMENT AT THE SITE,

APPROVAL TO CHANGE IS GIVEN BY THE STRUCTURAL ENGINEER.

5. ALL SHOP FABRICATIONS SHALL BE PERFORMED BY AN APPROVED FABRICATOR

WELDED, USE ASTM A-706 REINFORCING OR FOLLOW UBC STANDARD 26-8.

OF MINIMUM STRESS BY LAPPING 36 BAR DIAMETERS IN CONCRETE AND 48 BAR

A-185 AND SHALL BE SUPPLIED IN FLAT SHEETS. ADEQUATELY TIE AND

REINFORCEMENT SHALL HAVE THE FOLLOWING CONCRETE COVERAGE:

CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH......3"

#6 & LARGER 2", #5 & SMALLER1-1/2"

SLABS, WALLS, JOISTS, #11 & SMALLER......3/4"

BEAMS, COLUMNS: MAIN REINFORCING OR TIES......1-1/2"

MISCELLANEOUS:

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 ALUMINUM PRODUCTS SHALL BE EMBEDDED IN CONCRETE. PENETRATIONS TH WALLS WHEN APPROVED SHALL BE BUILT INTO THE WALL PRIOR TO PLACEMENT OF EMBEDMENT UNLESS OTHERWISE NOTED SHALL BE: 4" FOR 1/2" DIAMETER, 5" FOR CONCRETE. PENETRATIONS WILL NOT BE ALLOWED IN FOOTINGS OR GRADE BEAMS 5/8" AND 3/4" DIAMETER. SIGNED AND DETAILED AS SEISMIC TIE ELEMENTS. PIPING, ETC. SHOULD BE

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 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. ALL ANCHOR BOLTS FOR MECHANICAL AND ELECTRICAL EQUIPMENT ARE FURNISHED AND LOCATED BY THE RESPECTIVE CONTRACTORS AND SET BY GENERAL CONTRACTOR EXCEP WHERE THE OTHER CONTRACTORS FURNISH THEIR OWN CONCRETE PADS.

24" EACH WAY BEYOND OPENING. WHERE 24" IS NOT AVAILABLE, EXTEND BARS AS EPOXY ADHESIVE SHALL CONFORM TO ASTM C881 AND SHALL BE A TWO-COMPONENT. FAR AS POSSIBLE AND TERMINATE WITH A STANDARD HOOK. 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 STREGTH CONSTRUCTION JOINTS NOT SHOWN ON THE PLANS SHALL BE MADE AND LOCATED SHALL BE 5.000 PSI, AND MINIMUM TENSILLE STRENGTH SHALL BE 4.000 PSI. SO AS TO NOT IMPAIR THE STRENGTH OF THE STRUCTURE AND AS APPROVED BY THE SIZES AND INSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH APPROVED STRUCTURAL ENGINEER. ALL STEEL REINFORCING SHALL BE CONTINUOUS THROUGH

> 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. THERE SHALL NOT BE ANY CORE DRILLING THROUGH BEAMS OR COLUMNS. MAXIMUM CORE HOLE THROUGH SLABS SHALL BE PIPE DIAMETER PLUS 1".

SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO FABRICATION FOR "SCANDINAVIAN" PROFILE 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 ARE SUBJECT TO REVIEW AND ACCEPTANCE

DESIGN DRAWINGS, SHOP DRAWINGS, AND CALCULATIONS FOR THE DESIGN AND FARRICATION 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 EFFECTS O STRUCTURAL ELEMENTS INDUCED BY CONNECTION LOADS, DESIGN SHALL BE BASED ON THE

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 II THE STATE OF JURISDICTION, AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO

F. 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 ARCHITECT PRIOR TO CONSTRUCTION.

WOOD FRAMING NOTES FRAMING LUMBER: DOUGLAS FIR LARCH OR HEM FIR (SURFACED DRY NOT TO EXCEED 19% MAXIMUM MOISTURE CONTENT, CONFORMING TO THE NATIONAL DESIGN SPECIFICATION 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) #1 OR BETTER POSTS, TIMBERS: (FB = 1200 PSI, FV = 85 PSI, E = 1600 KSI) STUD(HEM-FIR OR D.F) (FB = 675PSI, FC = 725 PSI, E = 1200 KSI)

ALL OPEN WEB STEEL JOISTS AND GIRDERS SHALL BE FABRICATED AND ERECTED IN ALL GLUE LAMINATED TIMBER MEMBERS SHALL BE GRADE 24F-V4 FOR SINGLE SPANS, 24F-V8 WHERE SPECIFIED CCORDANCE WITH THE LATEST EDITION OF "STANDARD SPECIFICATIONS AND CODE DF/DF, CONFORMING TO THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (FB = 2400 PSI, FV = 165 PSI, E = 1800 KSI). OF STANDARD PRACTICE" OF THE STEEL JOIST INSTITUTE. <u>ALL SCANDINAVIAN WALL PROFILE SUPPLIED BY LOG HOME MANUFACTURER CONFORM TO L3</u> (LAMINATED, FB = 1740 PSI, FV = 165 PSI, E = 1015965 PSI) OR T30 (SAWN, FB = 1600 PSI, FV = 139 PSI, E = 1015965 PSI)

> 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 OF YAŞ REÇLÜREB PYT HE-VOTST MAYUFFAÇTORER: Y NAILING SHALL CONFORM TO STANDARD NAILING SCHEDULE 2304.9.1 OF THE IBC, UNLESS

> NOTED OTHERWISE ON PLANS OR SCHEDULES, ALL NATIS SHALL BE COMMON NATI: ALL FASTENERS INSTALLED IN PRESERVATIVE TREATED WOOD SHALL MEET THE REQUIREMENTS OF IBC 2304.10.5 BUILT-UP BEAMS OF 2X MEMBERS SHALL BE SPIKED TOGETHER WITH 18D.SPIKES AT

12" O.C. STAGGERED. USE 2-20D COMMON NAILS AT ALLSUPPORTS. 6 ALL WOOD BEAMS AND HEADERS SHALL BEAR ON MINIMUM OF TWO CRIPPLE

STUDS AT EACH END UNLESS SHOWN OTHERWISE.

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

8. BUILT-UP COLUMNS SPIKED TOGETHER WITH 16D SPIKES AT 12" O.C.

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 (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

WITH 16D COMMON NAILS @ 3" O.C., STAGGERED.

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

(A) ALL EXTERIOR WALLS SHALL BE 2X6 STUDS AT 16" O.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.

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

METAL ROOF PANELS INSTALLATION SPECIFICATION REQUIREMENTS AS

CLASS 3 IGNITION-RESISTANT CONSTRUSTION SHALL BE IN ACCORDANCE WITH

ROOFS SHALL HAVE AT LEAST A CLASS A ROOF COVERING, CLASS C ROOF

ASSEMBLY OR APPROVED NONCOMBUSTIBLE ROOF COVERING. FOR ROOF

COVERINGS WHERE THE PROFILE ALLOWS A SPACE BETWEEN THE ROOF

COVERING AND ROOF DECKING, THE SPACE AT THE EAVE ENDS SHALL BE

BUILDINGS OR STRUCTURES SHALL HAVE ALL UNDERFLOOR AREAS ENCLOSED TO

EXEPTION: COMPLETE ENCLOSURE MAY BE OMITTED WHERE THE UNDERSIDE OF

ALL EXPOSED FLOORS AND ALL EXPOSED STRUCTURAL COLUMNS, BEAMS AND

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 SOUARE 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).

SUPPORTING WALLS ARE PROTECTED AS REQUIRED EXTERIOR 1-HOUR FIRE -

RESISTANCE-RATED CONSTRUCTION OR HEAVY TIMBER CONSTRUCTION.

SECTION 506. CLASS 3 IGNITION-RESISTANT CONSTRUCTION:

FIRESTOPPED TO PRECLUDE ENTRY OF FLAMES OR EMBERS.

506.3 UNENCLOSED UNDERFLOOR PROTECTION.

THE GROUND WITH EXTERIOR WALLS.

506.4 VENTS.

(D) ALL WALL SHEATHING SHALL BE CONTINUOUS FROM SILL PLATE TO DOUBLE TOP PLATE. WHERE NECESSARY, MINIMUM DEPTH OF JOINT IN SHEATHING SHALL

ICE AND WATER SHIELD EXTENDING FROM THE EAVES TO A POINT AT LEAST 24" FOR LINTELS MADE OF CORROSION-RESISTANT STEEL.

R 703.7.3 STEEL LINTELS SHALL BE SHOP COATED WITH A RUST- INHIBITIVE PAINT, EXCEPT

WALL LINE. R905.8.3

R 317.1.5

STRUCTURAL LAMINATED TIMBERS THAT ARE NOT COVERED BY A ROOF SHALL BE

TREATED WITH PRESERVATIVE.

A3" SQUARE WASHER IS REQUIRED FOR WALL ANCHORAGE, THIS WILL REQUIRE A ROUND CUT WASHER BETWEEN SQUARE WASHER AND NUT.

ADDITIONAL NOTES

(B) NAIL WITH: 8D @ 6" O.C. -SUPPORTED PANEL EDGES, 8D @ 12"O.C. - ALL ELSE

(A) 3/4" A.P.A. RATED STURD-I-FLOOR, EXPOSURE I, PANEL INDEX #40/20, TONGUE

(B) GLUE & NAIL WITH: 10D @ 6" O.C. -SUPPORTED PANEL EDGES,10D @ 10"O.C. -

NAÍL W/ 8d @ 4" O.C. AT SHEAR WALLS

OF LAND LONG DIRECTION OF PANISHS PERPENDICULAR TO JOHNS IN

19. FLOOR SHEATHING:

(C) PLACE LONG DIRECTION OF PANELS PERPENDICULAR TO JOISTS IN

A STAGGERED PATTERN.

(E) ALL PRIMARY ROOF FRAMING SHALL BE ENTIRELY AND CONTINUOUSLY

(F) ALL NAILERS FOR SECONDARY FRAMING SHALL BE 2X12'S LAID FLAT AND

ALL ELSE NAIL W/ 10d @ 4" O.C. AT SHEAR WALLS

SHEATHED BEFORE ADDING SECONDARY FRAMING.

NATI ED WITH TWO ROWS OF 10D NATI S AT 4" O.C.

(B) HANDLING, INSTALLING AND TEMPORARY BRACING OF TRUSSES

(C) NO STRESS INCREASE ALLOWED FOR TRUSS DESIGN.

SHALL BE IN ACCORDANCE WITH THE HIB-91 SUMMARY SHEET BY

(D) TRUSS MANUFACTURER SHALL PROVIDE HANGERS FOR ALL TRUSS

(E) TRUSS MANUFACTURER SHALL SUBMIT TRUSS DESIGN, STAMPED

SUBMITTAL SHALL INCLUDE SCHEMATIC DIAGRAMS SHOWING: SIZES

- 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

- Minimum 18" clearance above earth for wood joists and 12

clearance for wood girders in a crawl space unless redwood

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

Minimum 4 mil. Polyethylene vapor retarded on exterior walls

- Provide ½ inch airspace at top, sides ad ends of girders entering

- Nor wood shall be nearer than 6 inches to earth unless separated

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

eplace opening. Combustible material within 12 inches

- Basements with habitable space and each sleeping room one

.7 square feet of open-able area, with a net clear open-able

- 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 of

pools, certain fixed glass panels and similar glazed openings

Provide a shut-off valve for all plumbing fixture supplies.

degrees F at a point 36 inches above the floor in all rooms.

rate of 1 square inch per 3,000 BTU/hour input rating.

Combustion air for all fuel-burning appliances at a minimum

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

The maximum length of clothes dryer duct with 2 - 90 degree

Insulate heating trunk and branch supply ducts in unfinished

areas, crawl spaces, attics and unheated garages per the Recheck.

bathrooms, unfinished basements and outside (exterior) location

- Clearance for lights in closets must comply with IRC E3903.11

- All circuit breakers serving 110 amp outlets in bedrooms shall

- All recentacles serving kitchen countertops, in garages,

very level shall have egress/rescue windows that area at net

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.

- Special Inspections:

within 6 feet of the appliance.

shall be GFCI protected.

elbows in 5 feet.

from each inch distance from the opening to the fireplace.

exterior concrete or masonry walls unless woods resistant to

membrane installed between the earth and the concrete.

vapor barrier is installed on the warm side of the ceiling.

BY A LICENSED ENGINEER, TO ARCHITECT FOR REVIEW.

SLOPES, LOADS, SPANS, AND BEARING CONDITIONS.

passes through the roof.

decay are used.

(A) DESIGN TRUSSES FOR FOLLOIWNG CRITERIA

LIVE LOAD DEFLECTION= L/400 MAXIMUM

20. ROOF TRUSSES:

DEAD LOAD = 20 PSF

LIVE LOAD - 266 PSF

THE TRUSS PLATE INSTITUTE.

TO TRUSS CONNECTIONS.

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.

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

TABLE N1102.4.1.1	(402.4.1.1) AIR BARRIER AND INSULAT	TION INSTALLATION	ENCLOSURES AND WALLS ENCASING THESE COMPARTMENTS SHALL BE TE
COMPONENT	AIR BARRIER CRITERIA	INSULATION INSTALLATION CRITERIA	AND WALLS ENGASING THESE COMMARTMENTS SHALL BE TE
General requirements	A continuous air barrier shall be installed in the building envelope. The exterior thermal envelope contains a continuous air barrier. Breaks or joints in the air barrier shall be sealed.	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 UNLESS A MECHANICAL VENTILATION SYSTEM OF 50 CFM IS
Ceiling/attic	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.	CFM FOR CONTINUOUS). BATHROOMS INTO SEPARATE AREA USING FIXTURES REQUIRE INDIVIDUAL VENTILATION IN EACH AREAS. VENTILATION AIR SHALL BE EXHAUSTED DIRECTLY TO THE R303.3
Walls	The junction of the foundation and sill plate shall be sealed. The junction of the top plate and the top of exterior walls shall be sealed. Knee walls shall be sealed.	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 in substantial contact and continuous alignment with the air barrier.	PLUMBING: WATER CLOSET TANK WITH A FLOW RATE OF NOT MORE THE GALLONS PER FLUSH. P2903.2
Windows, skylights and doors	The space between window/door jambs and framing, and skylights and framing shall be sealed.		SHOWERHEADS WITH A FLOW RATE OF NOT MORE THAN 2.5 SHOWERS SHALL FINISHED TO HEIGHT OF NOT LESS THAN
Rim joists	Rim joists shall include the air barrier.	Rim joists shall be insulated.	FLOOR.
Floors (including above garage and cantilevered floors)	The air barrier shall be installed at any exposed edge of insulation.	Floor framing cavity insulation shall be installed 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 of all perimeter floor framing members.	MATERIAL SHALL BE OF A NONABSORBENT TYPE. ALL PLUMBING VENTS THROUGH THE ROOF TO BE A MINIMUP3103.2 IN SEISMIC DESIGN CATEGORIES C1, D1 AND D2 WATER HEADER
Crawl space walls	Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped.	W/ham annuided instead of floor insulation insulation shall be	ANCHORED OR STRAPPED IN THE UPPER THIRD OF THE APP RESIST A
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 OPERATE P2801.2 GARAGE:
Narrow cavities		Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity space.	THE GARAGE MUST BE SEPARATED FROM THE DWELLING INC
Garage separation	Air sealing shall be provided between the garage and conditioned spaces.		ON THE GARAGE SIDE. IF LIVING SPACE IS ABOVE IT MUST IN ON THE CEILING, R309,2
Recessed lighting	Recessed light fixtures installed in the building thermal envelope shall be sealed to the drywall.	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 OR 5/8" EITHER DIRECTION.
Plumbing and wiring		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 extend 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
Shower/tub on exterior wall	The air barrier installed at exterior walls adjacent to showers and tubs shall separate them from the showers and tubs.	Exterior walls adjacent to showers and tubs shall be insulated.	GARAGE ATTIC ACCESS DOOR SHALL BE 20 MINUTE LABELED OF EQUIVALENT CONSTRUCTIONS. R309 AUTOMATIC GARAGE DOOR OPENERS, IF PROVIDED.

cover plates and walls or ceilings. a. In addition, inspection of log walls shall be in accordance with the provisions of ICC 400.

not be used to fill voids between fire sprinkler

sprinklers shall only be sealed in a manner

Caulking or other adhesive sealants shall

SECTION M1505 OVERHEAD EXHAUST HOODS

electrical or communication boxes or air-

thermal envelope shall be sealed to the

sealed boxes shall be installed.

Electrical/phone box The air barrier shall be installed behind

HVAC register boots HVAC register boots that penetrate building

subfloor or drywall.

Concealed sprinklers When required to be sealed, concealed fire

on exterior walls

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 $\frac{1}{4}$ inch (6.4 mm) clearance between the hood and the underside of combustible material or cabinets. A clearance of not 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, THAT ARE NOT PART OF THE LIVING SPACE OF A DWELLING UNIT AND 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

SECTION M1506 EXHAUST DUCTS AND EXHAUST OPENINGS

M1506.1 Duct construction.

exhaust hood, need not have an exhaust hood.

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

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

Exception: Duct length shall not be limited where the duct system complies with the manufacturer's design criteria or where the flow rate of the installed ventilating equipment is verified by the installer or approved third party using a flow hood, flow grid or other airflow measuring device.

TABLE M1506.2 DUCT LENTH

DUCT TYPE			FI	EX	DU	CT			S	MC	OT	H-V	VAL	L D	UC'	Г
Fan airflow rating (CFM @ 0.25 inch wc ^a)	50	80	100	125	150	200	250	300	50	80	100	125	150	200	250	30
Diameter ^b (inches)						Ma	xim	um (fe	leng eet)	th ^{c,}	d, e					
3	X	X	X	X	X	X	X	X	5	X	X	X	X	X	X	7
4	56	4	X	X	X	X	X	X	114	31	10	X	X	X	X	Σ
5	NL	81	42	16	2	X	X	X	NL	152	91	51	28	4	X	Σ
6	NL	NL	158	91	55	18	1	X	NL	NL	NL	168	112	53	25	9
7	NL	NL	NL	NL	161	78	40	19	NL	NL	NL	NL	NL	148	88	5.
8 and above	NI	NL	NL	NI.	NL	189	111	69	NI	NI	NL	NI.	NL	NL	198	11

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.

M1506.3 Exhaust openings.

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

Air exhaust openings shall terminate not less than 3 feet (914 mm) from property lines; 3 feet (914 mm) from operable

GENERAL:

ALL SHOWER DOORS SHALL SWING OUTWARD. IRC P2708.1

GLAZING USED IN DOORS AND PANELS OF SHOWERS AND BATHTUB **ENCLOSURES**

AND WALLS ENCASING THESE COMPARTMENTS SHALL BE TEMPERED.

<u>/INDOWS IN BATHROOMS, WATER CLOSET COMPARTMENTS,</u> <u>ND SIMILAR AREAS SHALL BE A MINIMUM OF 1 1/2 SOUARE FEET,</u> <u> JNLESS A MECHANICAL VENTILATION SYSTEM OF 50 CFM IS PROVIDED (20</u> <u>CFM FOR CONTINUOUS). BATHROOMS INTO SEPARATE AREAS WITH WATER</u> <u>JSING FIXTURES REQUIRE INDIVIDUAL VENTILATION IN EACH OF THOSE</u> AREAS.

<u> 'ENTILATION AIR SHALL BE EXHAUSTED DIRECTLY TO THE OUTSIDE.</u> R303.3

VATER CLOSET TANK WITH A FLOW RATE OF NOT MORE THAN 1.6 SALLONS PER FLUSH. P2903.2

HOWERHEADS WITH A FLOW RATE OF NOT MORE THAN 2.5 GPM. P2903.2 HOWERS SHALL FINISHED TO HEIGHT OF NOT LESS THAN 72" ABOVE THE

ALL PLUMBING VENTS THROUGH THE ROOF TO BE A MINIMUM 3" PIPE. 3103.2

N SEISMIC DESIGN CATEGORIES C1, D1 AND D2 WATER HEATERS SHALL

ANCHORED OR STRAPPED IN THE UPPER THIRD OF THE APPLIANCE TO

HORIZONTAL FORCE EQUAL TO ONE THIRD OF THE OPERATING WEIGHT.

THE GARAGE MUST BE SEPARATED FROM THE DWELLING INCLUDING ATTIC NITH 1/2" GYPSUM BOARD ON THE GARAGE SIDE. IF LIVING SPACE IS ABOVE IT MUST BE 5/8" TYPE X

ON THE CEILING, R309.2 MAXIMUM SPACING OF FRAMING MEMBER ON CEILING IS 16" O.C. FOR 1/2" OR 5/8" EITHER DIRECTION.

EQUIRED TO BE A 1 3/8" THICK SOLID CORE DOOR, HONEYCOMB CORE STEEL DOOR OR 20 MINUTE FIRE-RATED. R309.2 GARAGE ATTIC ACCESS DOOR SHALL BE 20 MINUTE LABELED OR

OF EQUIVALENT CONSTRUCTIONS. R309 AUTOMATIC GARAGE DOOR OPENERS, IF PROVIDED,

SHALL BE TESTED IN ACCORDANCE WITH UL325. R309.6

MINIMUM WIDTH OF DRIVEWAY SHALL BE 20 FEET.

MECHANICAL:

THE MAXIMUM LENGTH OF A DRYER EXHAUST VENT IS 25 FEET. 45-DEGREE BEND AND 5 FEET FOR EACH 90-DEGREE BEND SHALL APPLY. OR DRYER LISTING. M1502.6

FUEL-FIRED WATER HEATERS SHALL NOT BE INSTALLED IN A ROOM USED AS A STORAGE ROOM / CLOSET, M2005,2

THE LISTING FOR THE FIREPLACE SHOWN ON THE PLANS SHALL BE 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 COMMUNICATE WITH A PRIVATE GARAGE THROUGH OPENINGS SHALL BE CONSIDERED TO BE PART OF THE GARAGE. M1307.3

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. E4209.3

FRAMING:

TRUSS BLOCKING SHALL BE SOLID TO SHEATHING WITH NAILING THROUGH SHEATHING IN TO 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

AT ALL VALLEYS AND HIPS SHOW VALLEY OR HIP RAFTERS AS BEING NOT LESS THAN 2" THICK 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 AT 10 FEET VERTICALLY AND HORIZONTALLY; AND AT OPENINGS BETWEEN ATTIC SPACES AND CHIMNEY SPACES FOR

FACTORY-BUILD CHIMNEYS AND ANY OTHER LOCATION WHICH AFFORD PASSAGE FOR FRAMES. R602.8





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Scandinavian LLC Address 6410 N. Business Park Loop Rd. Unit E Phone 435-513-0355

ARCHITECTURAL OFFICE

Project No. Cad File Checked

KINGS



BUILDER Company Name

Park City, Utah 84098

REVISIONS 1. Notes text updates.

12-29-2019

01-08-2020 **Drawing Date**

STRUCTURAL **GENERAL NOTES** Signature and Date

Project No. Cad File

BUILDER

Park City, Utah 84098

1. Egress window. Holdowns. 01-08-2020

FOUNDATION & FOOTING PLAN

BUILDER/ DEALER'S APPROVAL :

Signature and Date

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REFER TO S2 FOR HOLDOWNS FOOTING SCHEDULE SIZE REINFORCING REMARKS WIDTHxTHICK.xLENGHT LONG. TRANS. 2- #4 WF1.5 1'-6"x10"xCONT. 2'-0"x10"xCONT. 2- #4 WF2.5 2'-6"x10"xCONT. 3- #4 3'-0"x10"xCONT. 4- #4 WF3.5 3'-6"x10"xCONT 4- #4 #4 @ 12" 5- #4 #4 @ 10" 4'-0"x10"xCONT 5- #5 #5 @ 12" 4'-6"x12"xCONT. #5 @ 12" 5'-0"x12"xCONT 6- #5 7- #5 #5 @ 12" 6'-0"x12"xCONT. 4- #4 3'-0"x10"x3'-0" 3'-6"x10"x3'-6" 4- #4 4- #4 4'-0"x12"x4'-0" 5- #5 5- #5 5- #5 4'-6"x12"x4'-6" 5- #5 6- #5 6- #5 5'-0"x12"x5'-0" 6- #5 6- #5 5'-6"x12"x5'-6" 7- #5 7- #5 6'-0"x12"x6'-0" 6'-6"x12"x6'-6" 8- #5 8- #5 PROVIDE GEOTECH LETTER AT TIME OF INSPECTION. 10- #5 7'-6"x14"x7'-6" 10- #5 11- #5 11- #5 8'-0"x14"x8'-0" 4'-0"x12"x5-0" 5- #4 6- #5

	FOUNDATION WALL SCHEDULE VERTICAL HORIZ.										
WALL TYPE	THICKNES	SA A BARS	B DOWELS	C BARS	D BARS	E BARS	CORNER 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"				
₩ <u>4</u> **	10"	#5 @ 12"	#6 @ 12"	#4 @ 12"	#4 @ <mark>18</mark> "	#4 @ 12"	#6 @12"				
W5	10"	#5 @ 12"	#5 @ 12"		#5 @ <mark>18</mark> "		#5 @ <mark>18</mark> "				
W6	10"	#5 @ 9"	#5 @ 9"		#5 @ <mark>18</mark> "		#5 @12"				
W7**	12"	#5 @ 18"	#5 @ 18"	#5 @ 18"	#5 @ 18"	#5 @ 18"	#5 @ 18"				
	12"	#5 @ 10"	#5 @ 10"	#5 @ 10"	#5 @ 10"	#5 @ 10"	#5 @ 10"				
W9**	16"	#6 @ 10"	#6 @ 10"	#6 @ 10"	#6 @ 10"	#6 @ 10"	#6 @ 10"				

8- #5

ON CENTER

#4 OR #5 @ 12"

MATCH ADJCENT FOOTING THICKNESS

AND BAR SIZE. REFER TO PLAN FOR SIZE

NOTE: ANCHOR BOLTS DO NOT ALWAYS OCCUR. RE: DETAILS

FIELD VERIFIED AS REQUIRED PER THE CITY BY A LICENSED GEOTECHNICAL ENGINEER BEFORE PLACING CONCRETE.

2. REFER TO ARCHITECTURAL FOR TOP OF SLAB ELEVATION DENOTED T.O.S.

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.

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

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.

11. "W1" DENOTES FOUNDATION WALL TYPE.

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 SO FOR ADDITIONAL INFORMATION.

15. CONTOURS AND EXTERIOR GRADE ELEVATIONS ON SITE PLAN ARE APPROXIMATE ALL FINAL GRADES SHALL BE FIELD VERIFIED.

(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.

18. WHEN "C" AND "E" TYPE BARS ARE USED, THIS IS TO INDICATE EACH FACE REINFORCING. TYPE "A" AND "D" BARS ARE BARS CLOSEST TO EXTERIOR FACE OF WALL.

T.O.W.=

ENSURE THIS WALL

| IS AT BASEMENT LEVEL

<u>/ 4'-1/4"</u>

T.O.W.=

- HOLLOW CORE SLAB

 $T.O.W_1 =$

+8615'-7 1/4'

+8600'-2 1/4"

4" dia. perforated

stone gravel. (typ.)

footing drain system w/ filter fabric /

⋛⋛

T.O.S.= +8615'-3"

GARAGE

DEAD (8"+3"overlay) / LIVE (60+40) psf / 40 psf

[(3+2) kN/m2 / 2 kN/m2

WF4

T.O.W.=

+8610'-5 1/8

SLAB ON GRADE

T.O.S.= +8590'-3"

4" dia. perforated

-footing drain system w/ filter fabric /

T.O.W.=

+8610'-5 1/8"

FOOTING AND FOUNDATION PLAN

T.O.W.=

+8614'-4"

ANCHOR BOLTS @ 8"IO.C.

WF4

6- #5

#4 OR #5 @ 12"

ON CENTER

FOUNDATION PLAN NOTES

5'-0"x12"x7'-0"

MAT FOOTING

1. ALLOWABLE SOIL PRESSURE USED IN DESIGN = 3400 PSF. AND TO BE

DRAINING GRAVEL. REINFORCE SLAB W/ 6x6xW1.4 WWF OR

5. FOOTING ELEVATIONS SHOWN ARE APPROXIMATE AND MAY VARY DUE

SECTIONS FOR TOP OF FOOTING ELEVATION.

7. CENTER FOOTINGS ON WALLS AND COLUMNS UNLESS

16. AROUND OPENINGS LARGER THAN 12" IN ANY DIRECTION IN CONCRETE WALLS, ADD

17. AN ** AFTER FOUNDATION WALL TYPE DENOTES 4,000 PSI CONCRETE REQUIREMENT.

FOUNDATION KEYED NOTES

(2) HDU14 ATTACHED TO SAME ROD AND SAME POST.

(1) OFFSET ON POST BY 30", EMBED 1" THREADED ROD 60" INTO FOUNDATION WALL. PROVIDE

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)

OF THE PLATE.

R403.1.6. FOUNDATION BOLTS

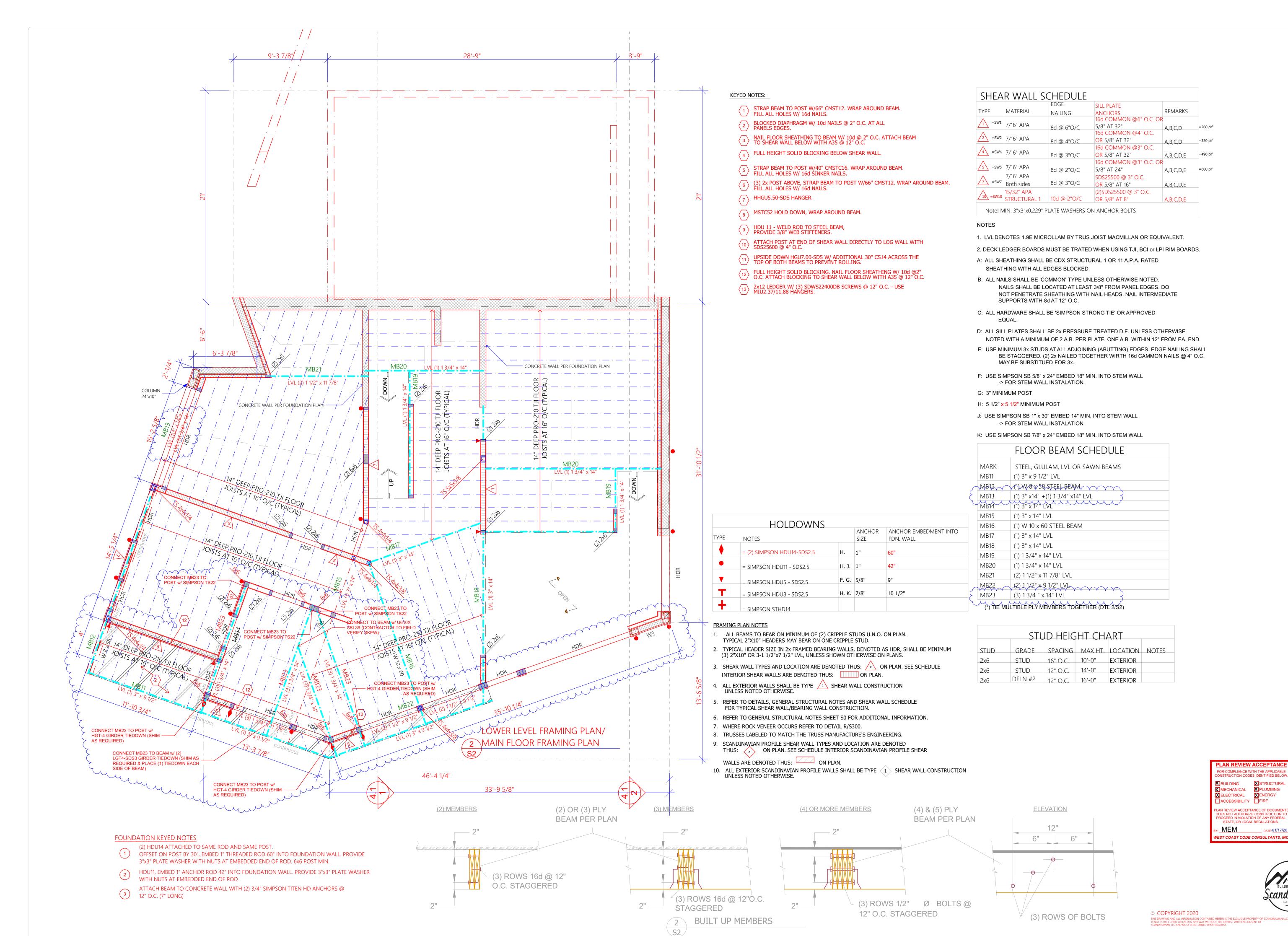
X ELECTRICAL X ENERGY

DOES NOT AUTHORIZE CONSTRUCTION T PROCEED IN VIOLATION OF ANY FEDERA STATE, OR LOCAL REGULATIONS.

EST COAST CODE CONSULTANTS, IN

SHALL BE LOCATED IN THE MIDDLE THIRD OF THE WIDTH

3"x3" PLATE WASHER WITH NUTS AT EMBEDDED END OF ROD. 6x6 POST MIN.



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

A New Residence:
BLAKE KINGSBURY

01/09/2020 10367643 ALEX HAWKINS

BUILDER
Company Name

ess Park City, Utah 84098

Park City, Utah 84098
Phone
Fax

REVISIONS:
1. Shear wall updates + MB13 + MB23.
12-29-2019

Drawing Date 01-08-2020

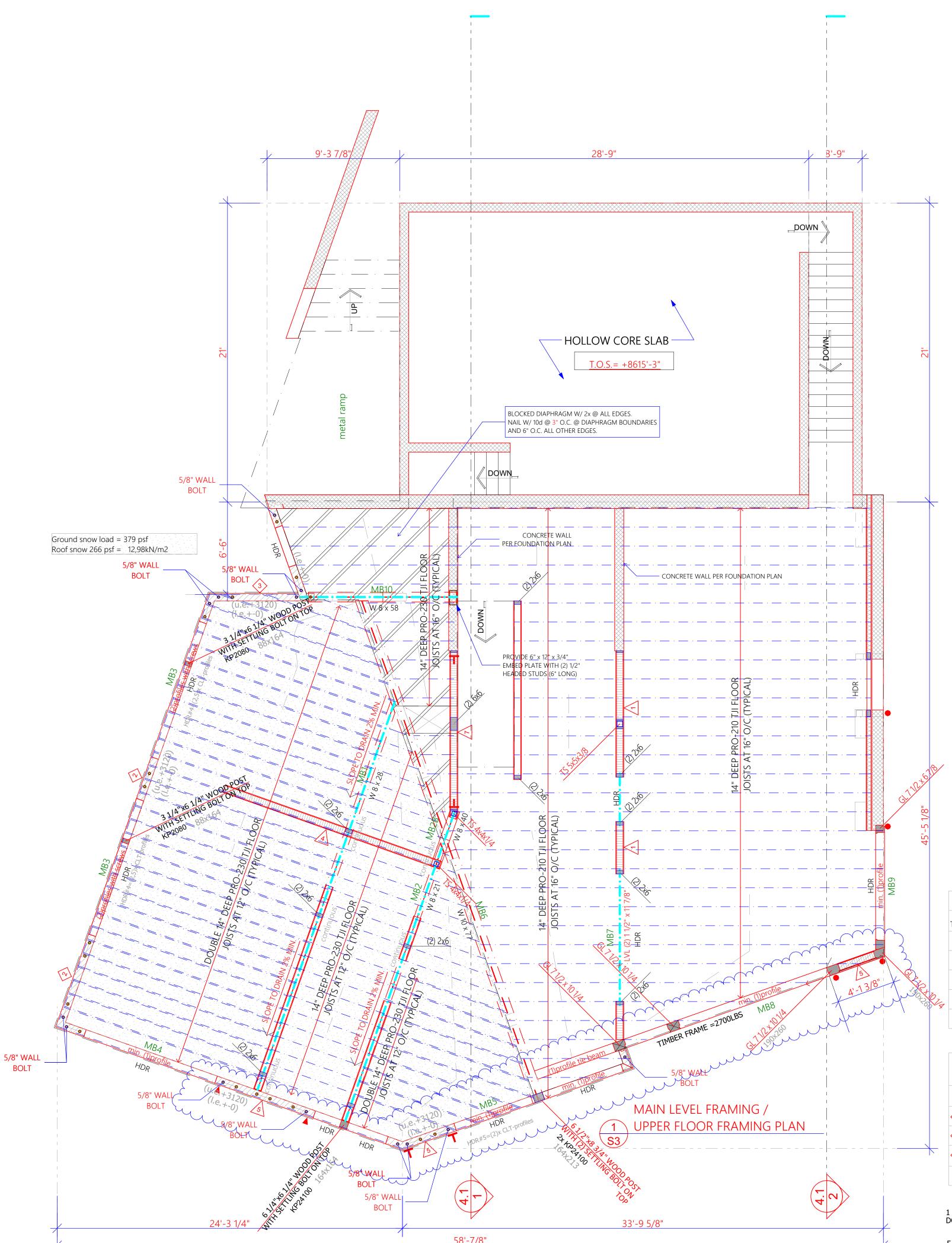
Scale 1/4" = 1' -0"

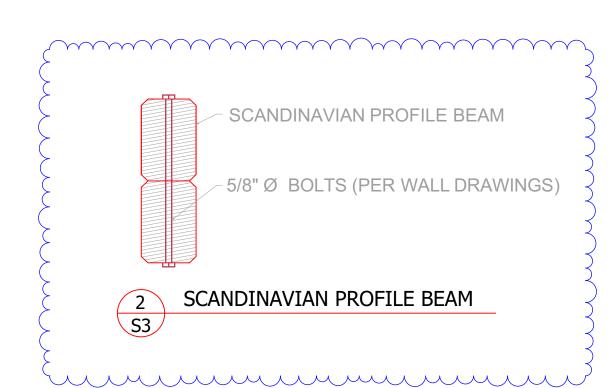
Title/No.

LOWER LEVEL FRAMING / MAIN FLOOR FRAMING BUILDER/ DEALER'S APPROVAL :

Signature and Date

SZ





	HOLDOWNS			
T) /D =	TIOLDO WINS		ANCHOR	ANCHOR EMBEDMENT INTO
TYPE	NOTES		SIZE	FDN. WALL
•	= (2) SIMPSON HDU14-SDS2.5	H.	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			

TYPE	STEEL PIPES	ANCHOR BOLTS	REMARKS		
1111	NOTE! EACH LOG COURSES	5 (OII A T O AII		(0) 1011 1 (011	
1	LOCATION OF THE WALL DRAWINGS	5/8" AT 24"	C,D	(2) 13" x 1/2" SCREWS AT 24"	=340
2	LOCATION OF THE WALL DRAWINGS	5/8" AT 16"	C,D	(2) 13" x 1/2" SCREWS AT 12"	=680
3	LOCATION OF THE WALL DRAWINGS	5/8" AT 8"	C,D,E	(2) 13" x 1/2" SCREWS AT 8"	=102

1 1/8" STEEL DOWELS

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

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

			SILL PLATE		
TYPE	MATERIAL	EDGE NAILING	ANCHORS	REMARKS	
=SW1			16d COMMON @6" O.C. OR		
<u> </u>	7/16" APA	8d @ 6"O/C	5/8" AT 32"	A,B,C,D	=260
2 =SW2			16d COMMON @4" O.C.		
<u>/ </u>	7/16" APA	8d @ 4"O/C	OR 5/8" AT 32"	A,B,C,D	=350
CW4			16d COMMON @3" O.C.		
4 =SW4	7/16" APA	8d @ 3"O/C	OR 5/8" AT 32"	A,B,C,D,E	=490
\wedge			16d COMMON @3" O.C. OR		
5 =SW5	7/16" APA	8d @ 2"O/C	5/8" AT 24"	A,B,C,D,E	=600
\wedge	7/16" APA		SDS25500 @ 3" O.C.		
7 =SW7	Both sides	8d @ 3"O/C	OR 5/8" AT 16"	A,B,C,D,E	
\wedge	15/32" APA		(2)SDS25500 @ 3" O.C.		
10 =SW10	STRUCTURAL 1	10d @ 2"O/C	OR 5/8" AT 8"	A,B,C,D,E	

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

H: 5 1/2" x 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

SON SB 7/6 X 24 LIVIBLE TO WINN. INTO STEW WALL	
FLOOR BEAM SCHEDULE	
GLULAM (FIN), LVL OR SAWN BEAMS	
(1) W 8 x 28 STEEL BEAM	
(1) W 8 x 21 STEEL BEAM	
(1)-W.8.x-40.STEEL.BEAM	
(2,5) 6 1/2" x 10 1/4" GLULAM PROFILES, (DTL 2/S3))
(1) 6 1/2" x 10 1/4" GLULAM PROFILE	
(1) 6 1/2" x 10 1/4" GLULAM PROFILE	
(1) W 10 x 77 STEEL BEAM	
(2) 1 1/2" x 11 7/8" LVL	
(1) 6 1/2" x 10 1/4" GLULAM PROFILE	
(1) 6 1/2" x 10 1/4" GLULAM PROFILE	
(1) W 8 x 58 STEEL BEAM	
	FLOOR BEAM SCHEDULE GLULAM (FIN), LVL OR SAWN BEAMS (1) W 8 x 28 STEEL BEAM (1) W 8 x 21 STEEL BEAM (1) W 8 x 40 STEEL BEAM (2,5) 6 1/2" x 10 1/4" GLULAM PROFILES, (DTL 2/S3) (1) 6 1/2" x 10 1/4" GLULAM PROFILE (1) 6 1/2" x 10 1/4" GLULAM PROFILE (1) W 10 x 77 STEEL BEAM (2) 1 1/2" x 11 7/8" LVL (1) 6 1/2" x 10 1/4" GLULAM PROFILE (1) 6 1/2" x 10 1/4" GLULAM PROFILE

(*) TIE MULTIBLE 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

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: \bigwedge 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 SO 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.



ARCHITECTURAL OFFICE Scandinavian LLC

6410 N. Business Park Loop Rd. Unit E

Project No.

Phone 435-513-0355



BUILDER

Park City, Utah 84098

1. Shear wall updates. 12-29-2019

PLAN REVIEW ACCEPTANCE

MECHANICAL PLUMBING

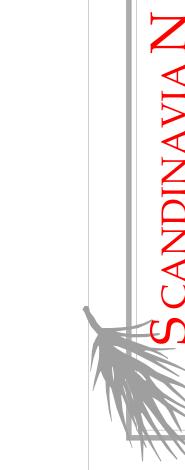
MEM

EST COAST CODE CONSULTANTS, IN

1/4" = 1' -0"

MAIN LEVEL FRAMING PLAN/ UPPER FLOOR FRAMING BUILDER/ DEALER'S APPROVAL :

Signature and Date



ARCHITECTURAL OFFICE Scandinavian LLC

6410 N. Business

Park Loop Rd. Unit E Phone 435-513-0355 Project No.

Cad File

BUILDER

Park City, Utah 84098

1. Shear wall updates. 12-29-2019

MECHANICAL PLUMBING

MEM

EST COAST CODE CONSULTANTS, IN



- 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

- 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

FRAMING PLAN NOTES

- H: 5 1/2" x 5 1/2" MINIMUM POST
- J: USE SIMPSON SB 1" x 30" EMBED 14" MIN. INTO STEM WALL -> FOR STEM WALL INSTALATION.

SUPPORTS WITH 8d AT 12" O.C.

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

		DOOF DEAM COLLEDING
		ROOF BEAM SCHEDULE
	MARK	GLULAM (FIN), LVL OR SAWN BEAMS
	RB1	(1) W 8 x 67 STEEL BEAM
	RB2	(1) W 10 x 88 STEEL BEAM GIRDER TRUSS
	RB3	(2) 6 1/2" x 10 1/4" GLULAM PROFILES, (DTL 2/S3)
	RB4	(1) (7 1/2") x 10 1/4" GLULAM (FIN)
	RB5	(1) W 8 x 28 STEEL BEAM
	RB6	(1) (7 1/2") x 10 1/4" GLULAM (FIN)

STUD HEIGHT CHART

STUD 16" O.C. 10'-0" EXTERIOR STUD 12" O.C. 14'-0" EXTERIOR DFLN #2 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 ONE CRIPPLE STUD.

INTERIOR SHEAR WALLS ARE DENOTED THUS: ON PLAN.

FOR TYPICAL SHEAR WALL/BEARING WALL CONSTRUCTION.

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

WALLS ARE DENOTED THUS: ON PLAN.

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

8. TRUSSES LABELED TO MATCH THE TRUSS MANUFACTURE'S ENGINEERING. 9. SCANDINAVIAN PROFILE SHEAR WALL TYPES AND LOCATION ARE DENOTED

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

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

THUS: X ON PLAN. SEE SCHEDULE INTERIOR SCANDINAVIAN PROFILE SHEAR

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

GRADE SPACING MAX HT. LOCATION NOTES

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

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

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

SHE	ar (Scandinaviai	N WALL SYST	EM)		
WAL	L SCHEDULE				
	STEEL PIPES	ANCHOR BOLTS			
TYPE	NOTE! EACH LOG COURSES		REMARKS		
\triangle	LOCATION OF THE WALL	5/8" AT 24"	C,D	(2) 13" x 1/2"	
	DRAWINGS			SCREWS AT 24"	=340 plf
2	LOCATION OF THE WALL	5/8" AT 16"	C,D	(2) 13" x 1/2"	=680 plf
2	DRAWINGS			SCREWS AT 12"	=000 hii
3	LOCATION OF THE WALL	5/8" AT 8"	C,D,E	(2) 13" x 1/2"	_1020 m
\	D D A A A WALCO			CCDELLIC AT OIL	=1020 p

DOWELS

HEAR (SCANDINAVIAN WALL SYSTEM)	
ΔΙΙ SCHEDIII F	

	STEEL PIPES	ANCHOR BOLTS			
/PE	NOTE! EACH LOG COURSES		REMARKS		
1	LOCATION OF THE WALL	5/8" AT 24"	C,D	(2) 13" x 1/2"	=340 plf
/	DRAWINGS			SCREWS AT 24"	=340 pii
	LOCATION OF THE WALL	5/8" AT 16"	C,D	(2) 13" x 1/2"	=680 plf
	DRAWINGS	,		SCREWS AT 12"	-000 pii
	LOCATION OF THE WALL	5/8" AT 8"	C,D,E	(2) 13" x 1/2"	=1020 plf
/	DRAWINGS			SCREWS AT 8"	-1020 pii

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

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

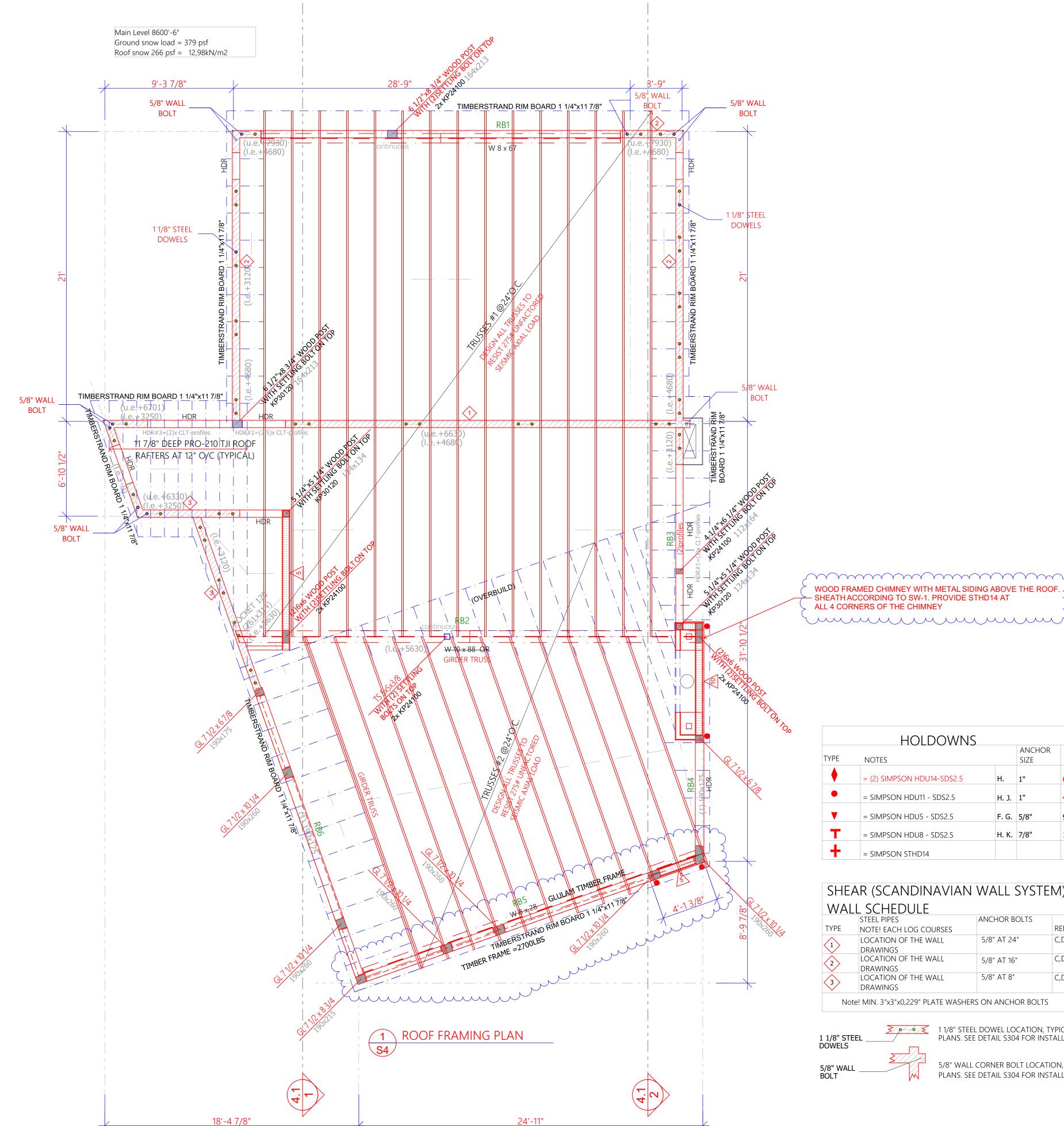
© COPYRIGHT 2020

Signature and Date

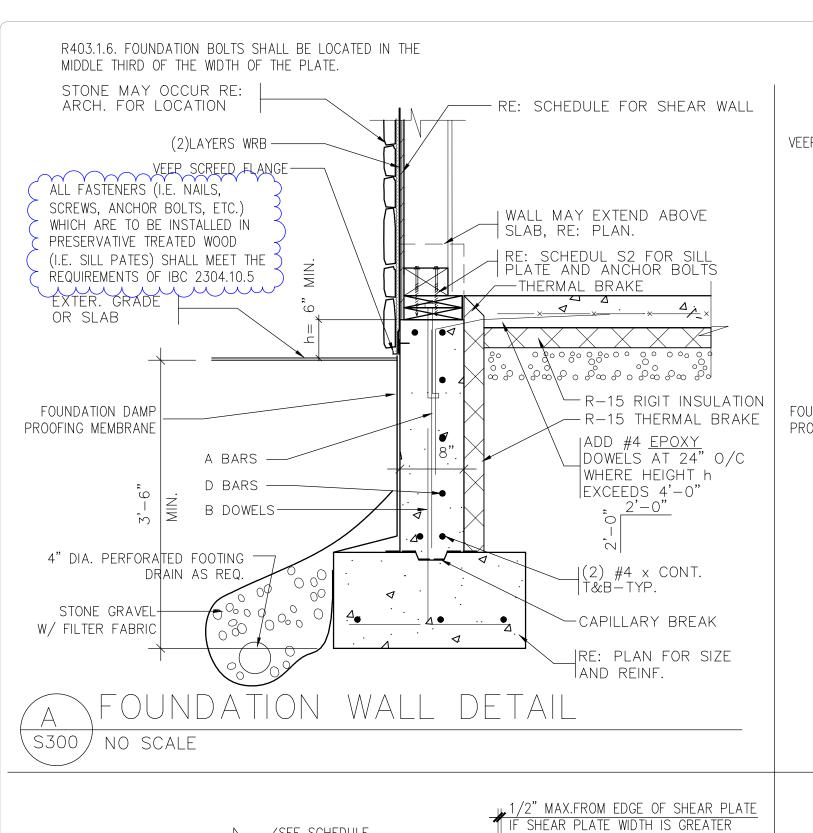
ROOF FRAMING PLAN BUILDER/ DEALER'S APPROVAL

01-08-2020

1/4" = 1' -0"



43'-3 7/8"



THAN WIDTH OF BEAM FLANGE.

/2" MAX. FROM EDGE OF BEAM

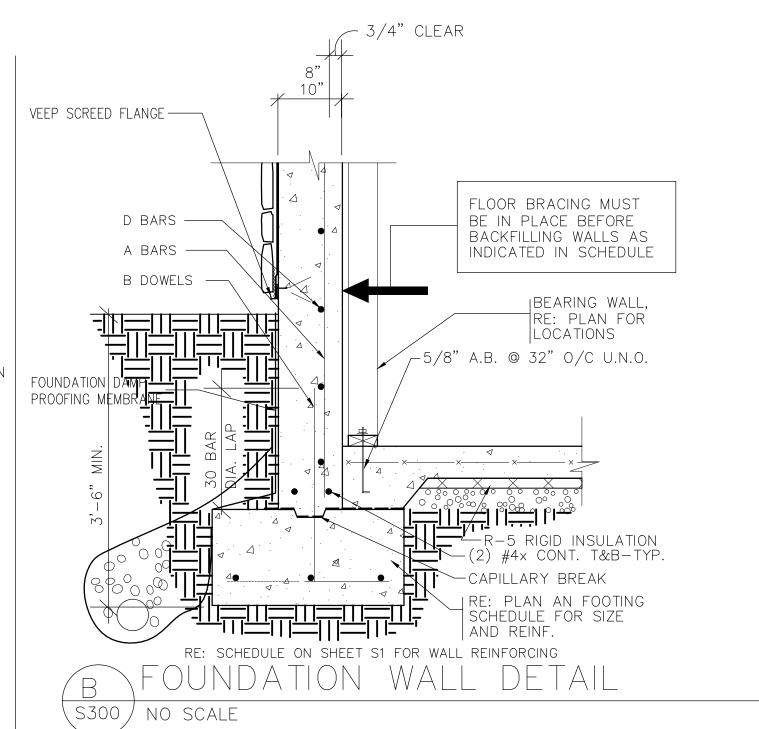
THAN WIDTH OF SHEAR PLATE.

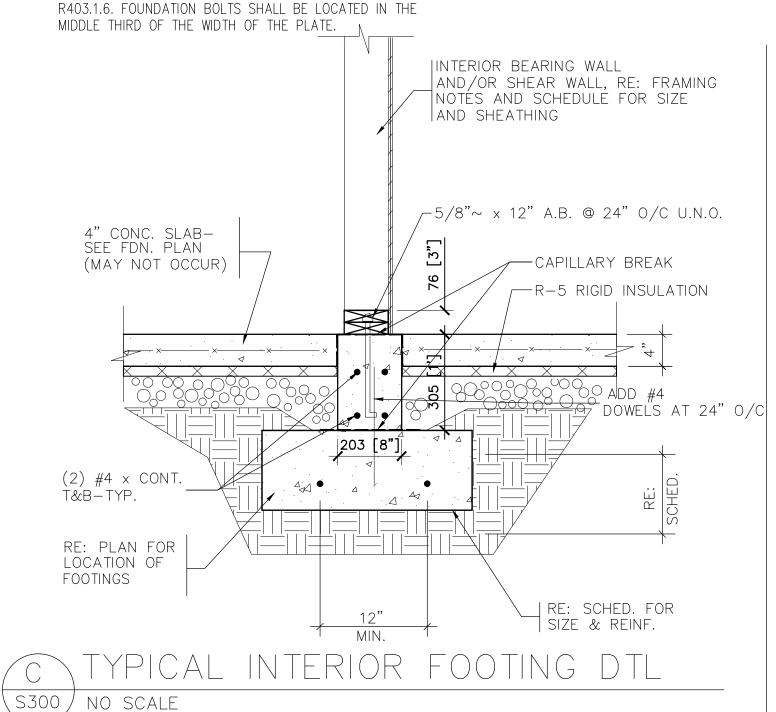
FLANGE IF FLANGE WIDTH IS GREATER

SEE SCHEDULE FOR

SIZE & NUMBER OF BOLTS, & SHEAR

PLATE SIZE





PLAN FOR PIPE TUBE COLUMN

1"; NON-SHRINK GROUT

fC=4000 PSI MIN.

BLOCK OUT

SLAB FOR

\S300 / NO SCALE

COLUMN

C/L COLUMN AND STUD

(2) 5/8"~ x 12' ANCHOR BOLTS

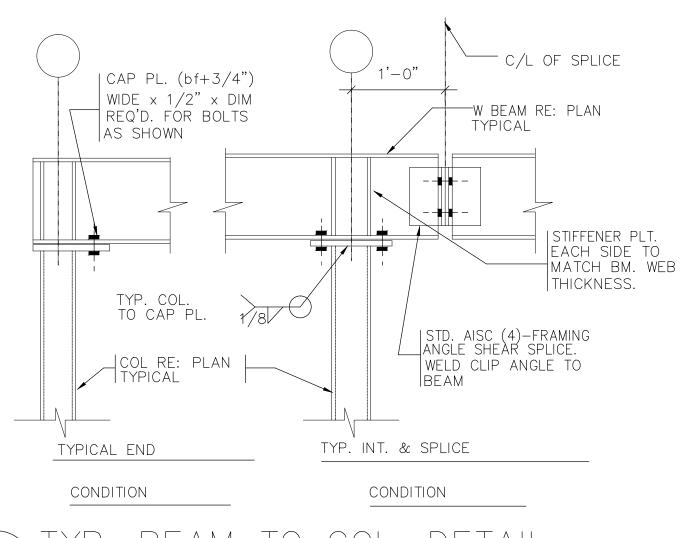
1 1/2"

RE: + +

WALL U.N.O.

• •

└─R-5 RIGID NUSULATION



NDIN

ARCHITECTURAL OFFICE

Scandinavian LLC

6410 N. Business

Park Loop Rd. Unit E Phone 435-513-0355

Project No. Cad File

v Reside KINGSI

10367643

ALEX

HAWKINS/

Park City, Utah 84098

01-08-2020

DETAILS

S300

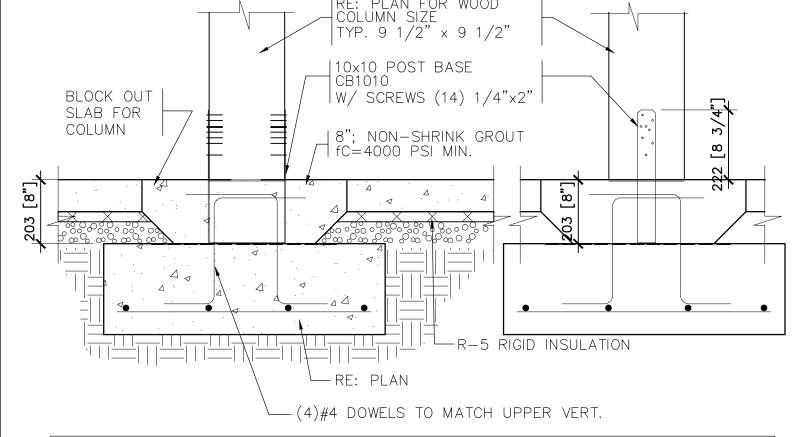
BUILDER/ DEALER'S APPROVAL

Signature and Date

BUILDER

REVISIONS:

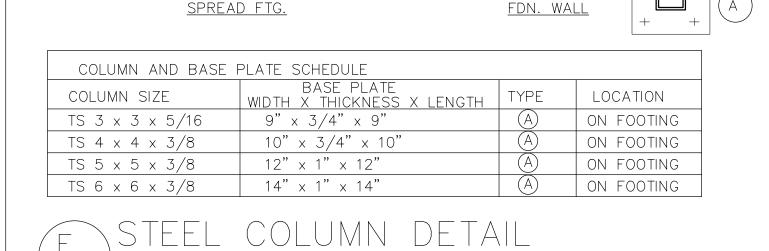




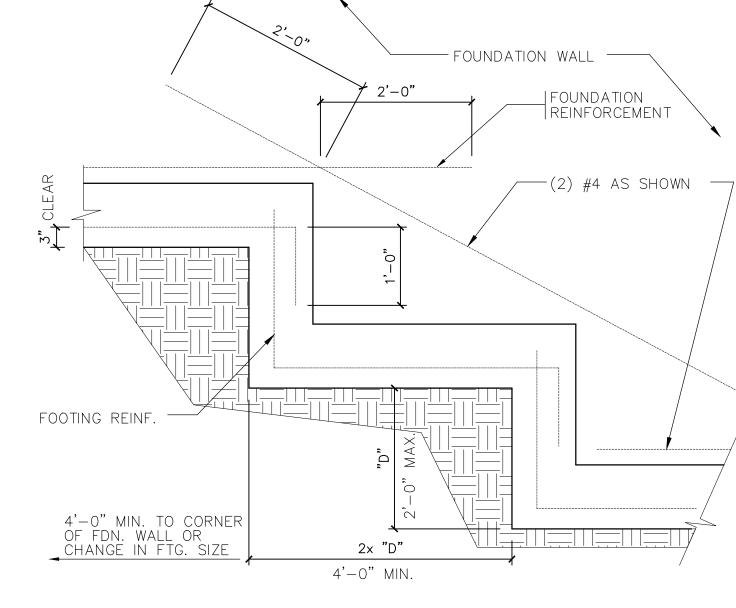
COLUMN SIZE	ATE SCHEDULE BASE PLATE	TYPE	LOCATION
9 1/2 x 9 1/2	WIDTH X LENGTH 9 1/2" x 9 1/2"	CB1010	ON FOOTING
5 1/2 × 5 1/2	5 1/2" × 5 1/2"	CB66	ON FOOTING
5 1/2 x 8 3/8	5 1/2" × 7 1/2"	CB68	ON FOOTING
6 1/2 x 6 1/2	6" x 6 3/4"	CB7 −6	ON FOOTING
8 x 8	7 1/2" × 7 1/2"	CB88	ON FOOTING

WOOD COLUMN DETAIL

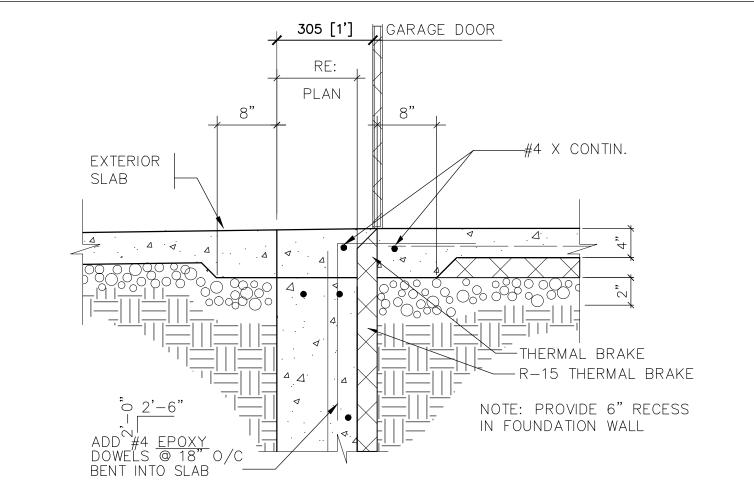
\S300 / NO SCALE



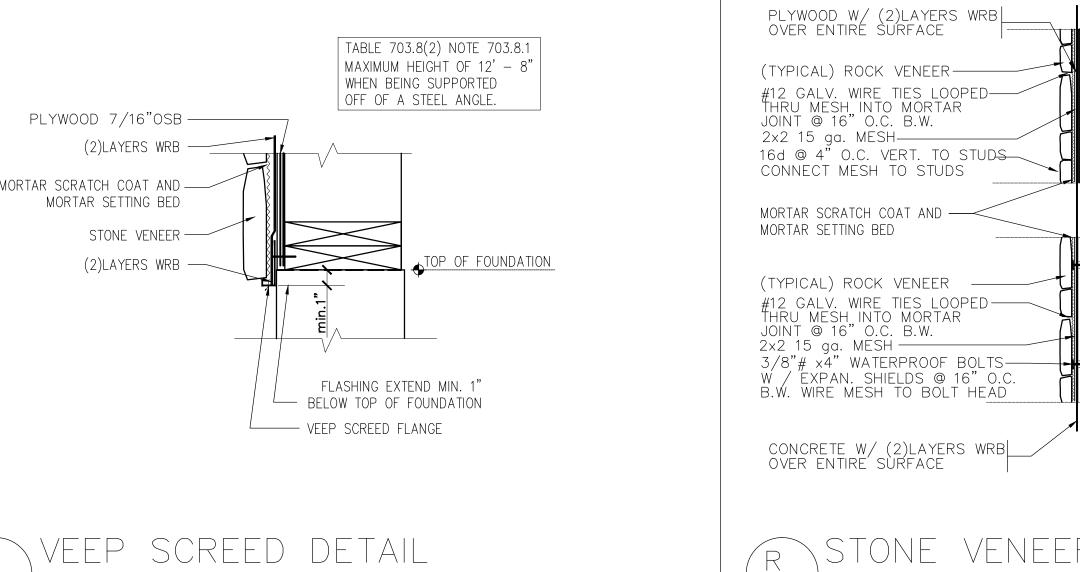
RE: PLAN

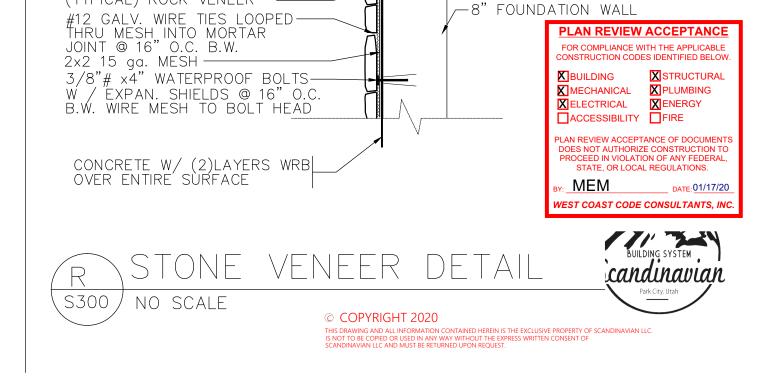


TYP. FOOTING STEP DETAIL \S300 / NO SCALE



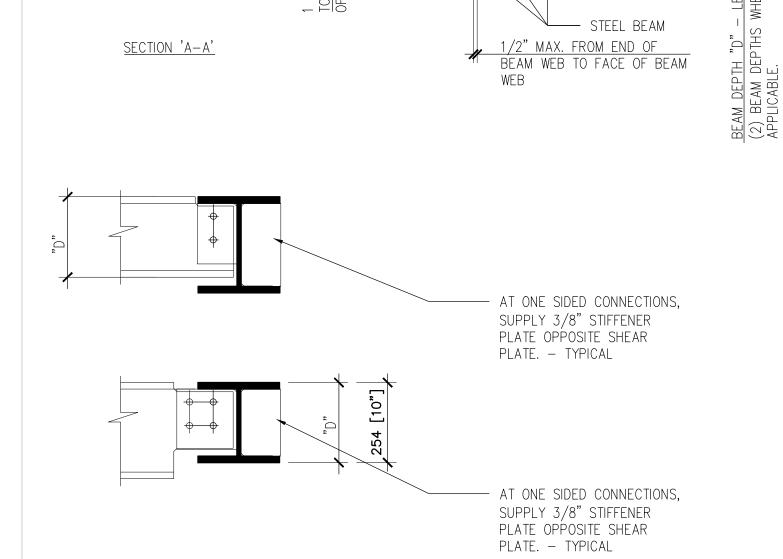






—PLYWOOD 7/16" OSB

—FRAME 2"x6" @16" O.C.



/SEE SCHEDULE

FOR WELD SIZE

1 1

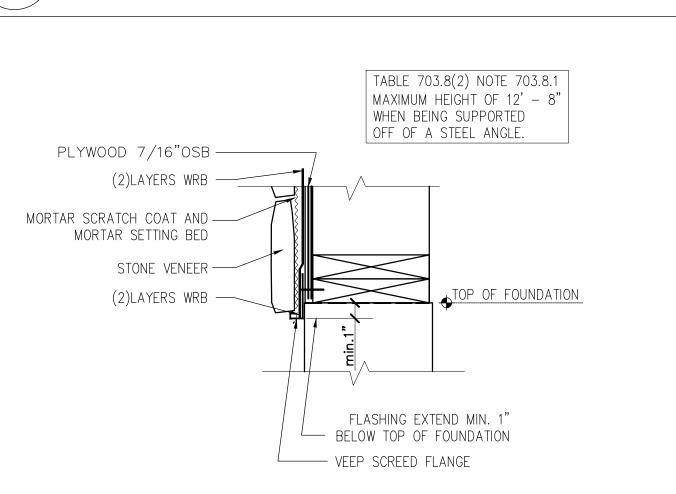
— SHEAR PLATE,

SEE SCHEDULE

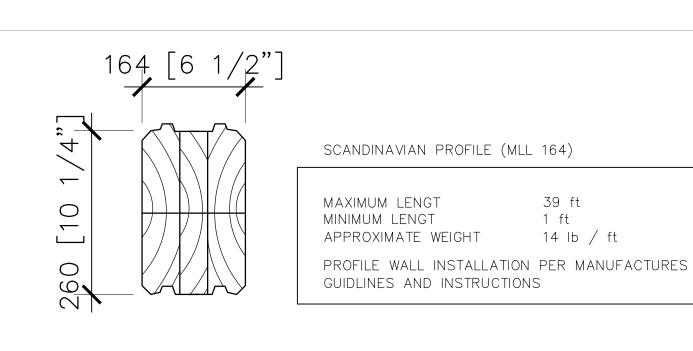
SHEAR PL.

BEAM SIZE SHEAR PLATE DIMENSIONS			BOI	BOLT REQUIREMENTS			
	THICKNESS	HEIGHT	WIDTH	QUANTITY	DIAMETER	GRADE	WELD SIZE
W6 ×	1/4"	4"	7 1/2"	2 ++	3/4" DIA.	A325	3/16"
W8 x	1/4"	5 1/2"	5"	2 ‡	3/4" DIA.	A325	3/16"
W10 x	1/4"	5 1/2"	5"	2	3/4" DIA.	A325	3/16"
W12 x	1/4"	8 1/2"	5"	3	3/4" DIA.	A325	3/16"
W14 ×	5/16"	8 1/2"	5"	3	3/4" DIA.	A325	1/4"
W16 x	5/16"	11 1/2"	5"	4	3/4" DIA.	A325	1/4"
W18 x	3/8"	14 1/2"	5"	5	3/4" DIA.	A490	5/16"
W21 x	3/8"	17 1/2"	5"	6	3/4" DIA.	A490	5/16"
W24 x	7/16"	17 1/2"	5"	6	3/4" DIA.	A490	3/8"
W27 x	7/16"	20 1/2"	5"	7	3/4" DIA.	A490	3/8"
W30 ×	1/2"	23 1/2"	5"	8	3/4" DIA.	A490	3/8"









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

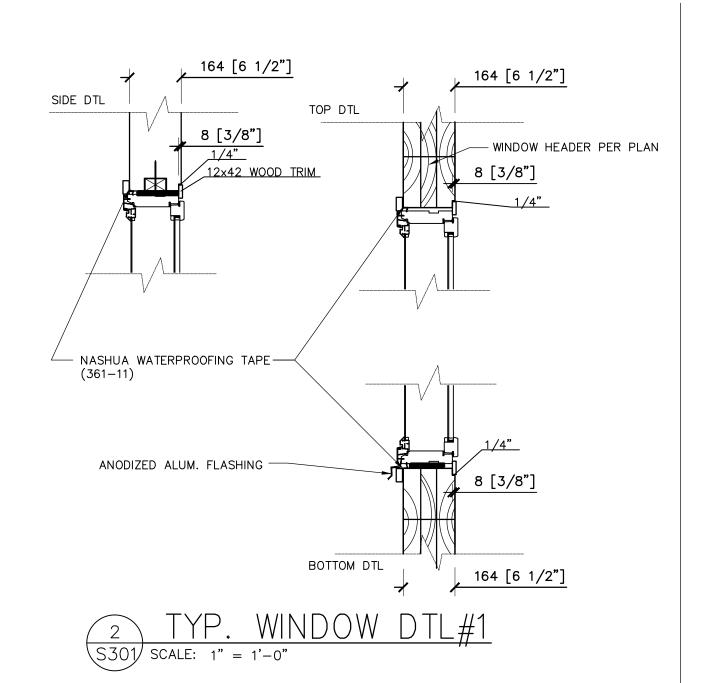
MATERIAL	Fb	Ft	F٧	FcT	FcII	MOE
SCOTCH SPRUCE	1390	914	139	348	914	943000

THE CHARACTERISTIC VALUES FOR SCANDINAVIAN GLUE LAM BEAMS (L30), [PSI] FcT | FcII MATERIAL MOE SCOTCH SPRUCE | 1741 | 1190 | 167 | 348 | 1190 1015965

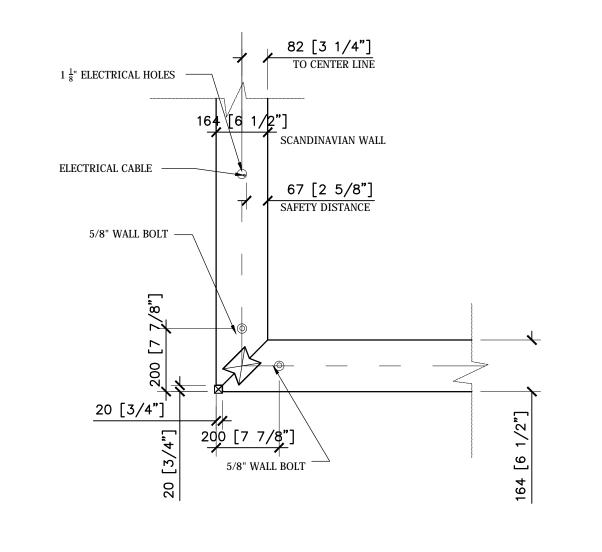
DENSITY: 31,2 lb/ft3 (MOISTURE CONTENT 12 %)

SCANDINAVIAN WALL PROFILE

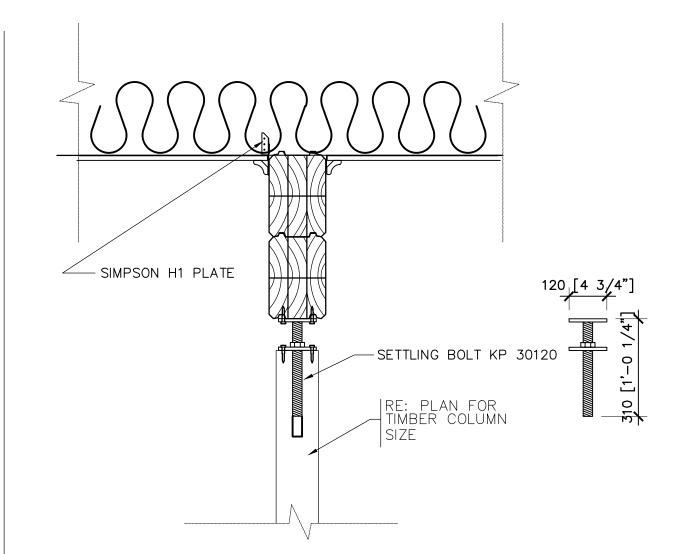
S301 SCALE: -



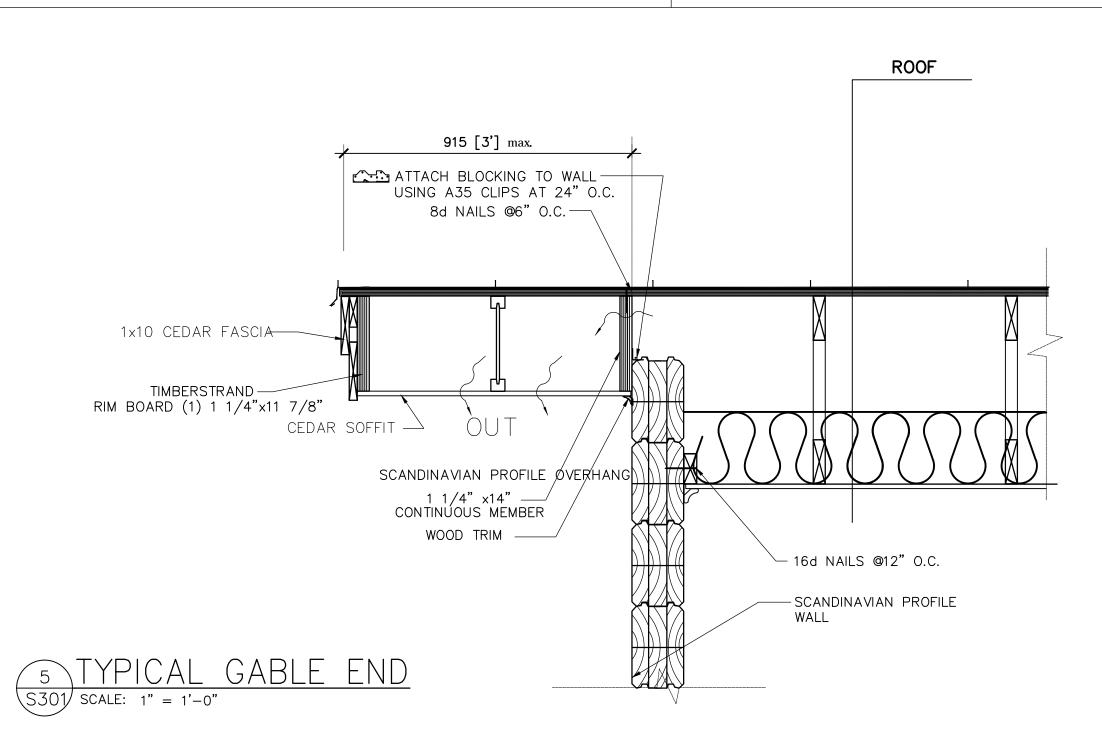
WINDOW FRAME CONNECTED TO SCANDINAVIAN PROFILE WALL.

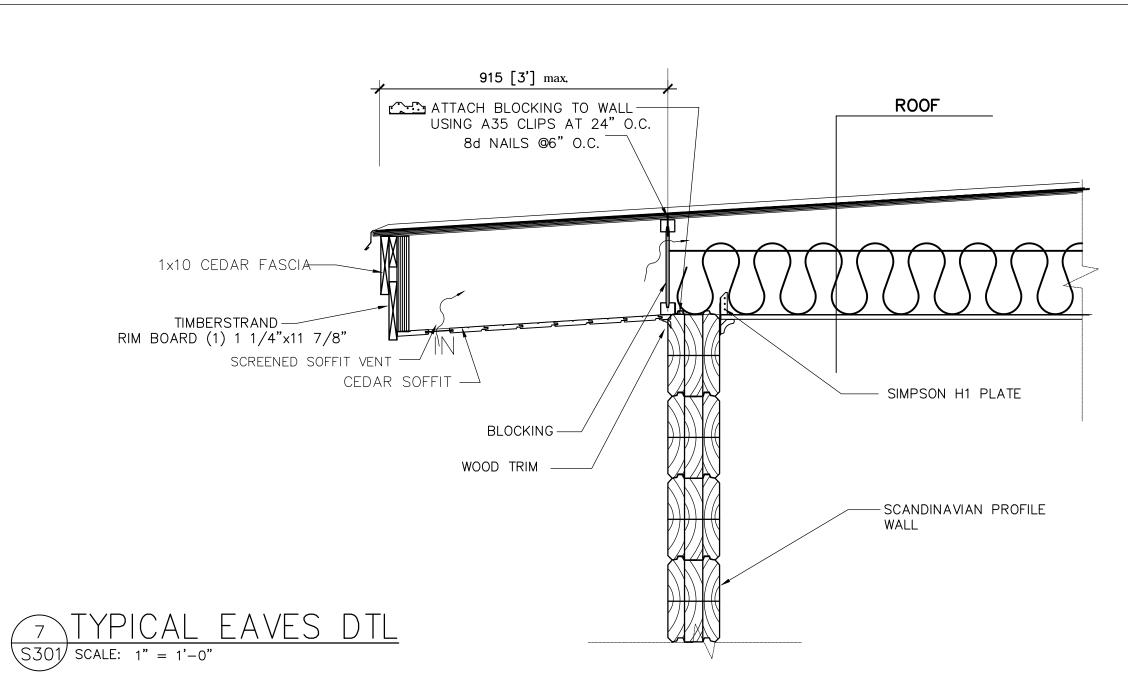


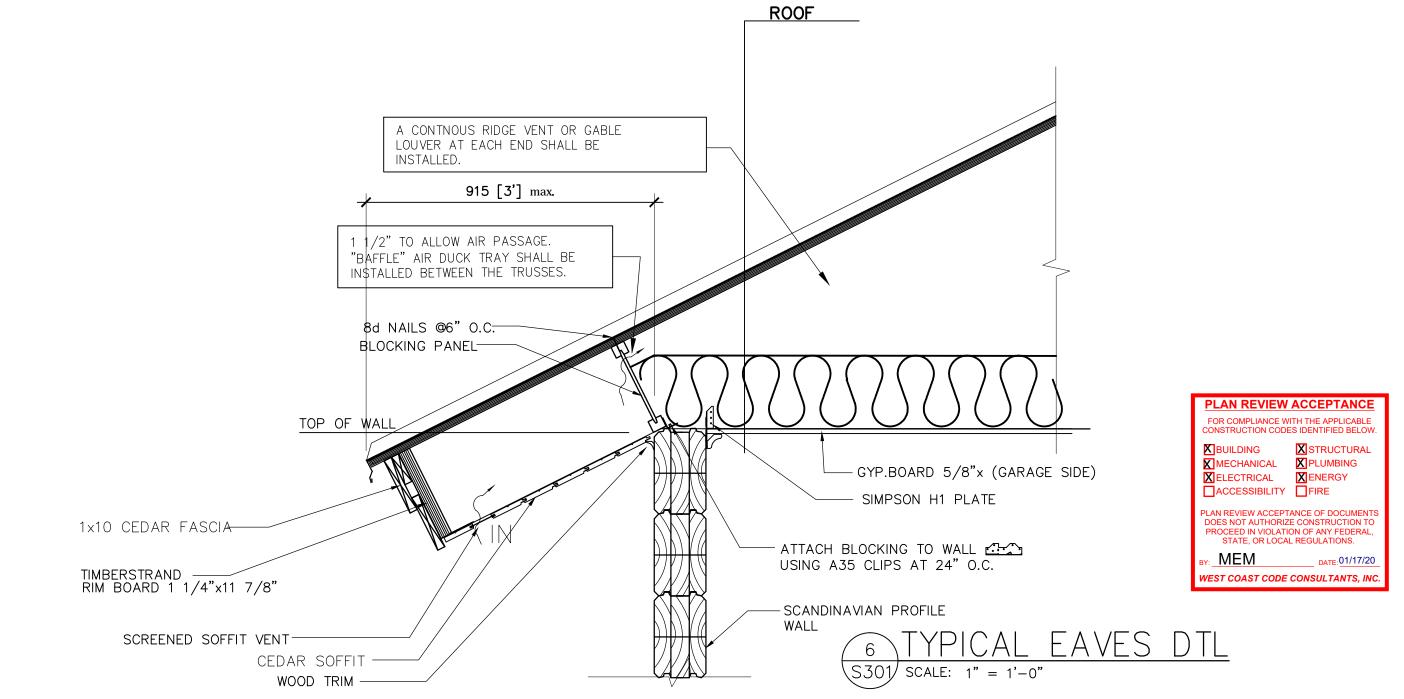


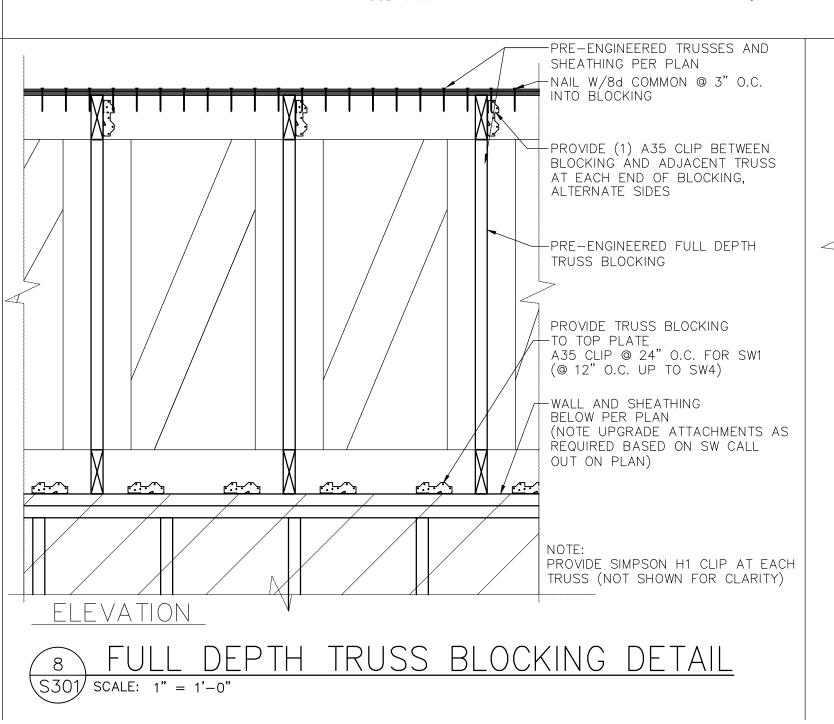


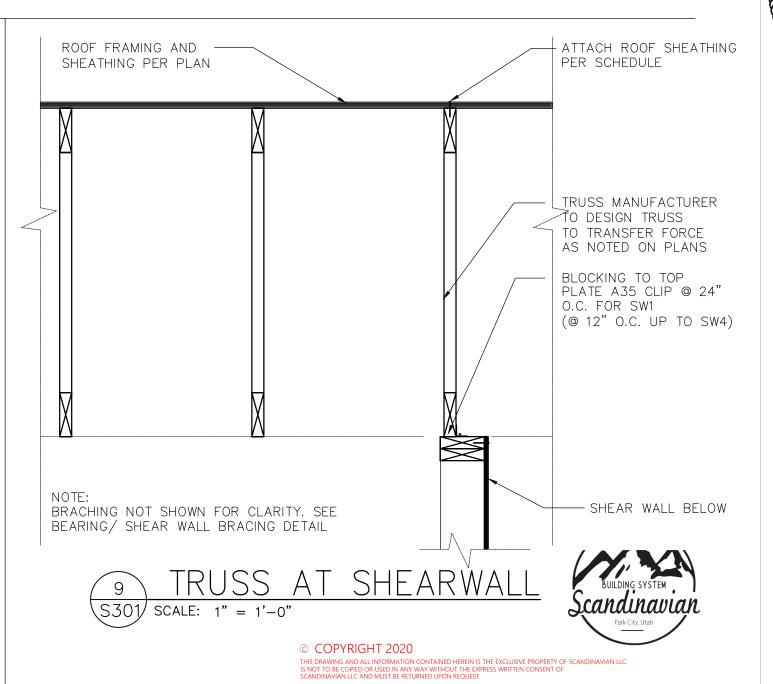
TYPICAL COLUMN / ' BEAM DETAIL S301 SCALE: 1" = 1'-0"











ANDINAVIA LLC

ARCHITECTURAL OFFICE Scandinavian LLC 6410 N. Business Park Loop Rd. Unit E

Project No. Cad File

Phone 435-513-0355

A New Reside BLAKE KINGSI



BUILDER Company Name

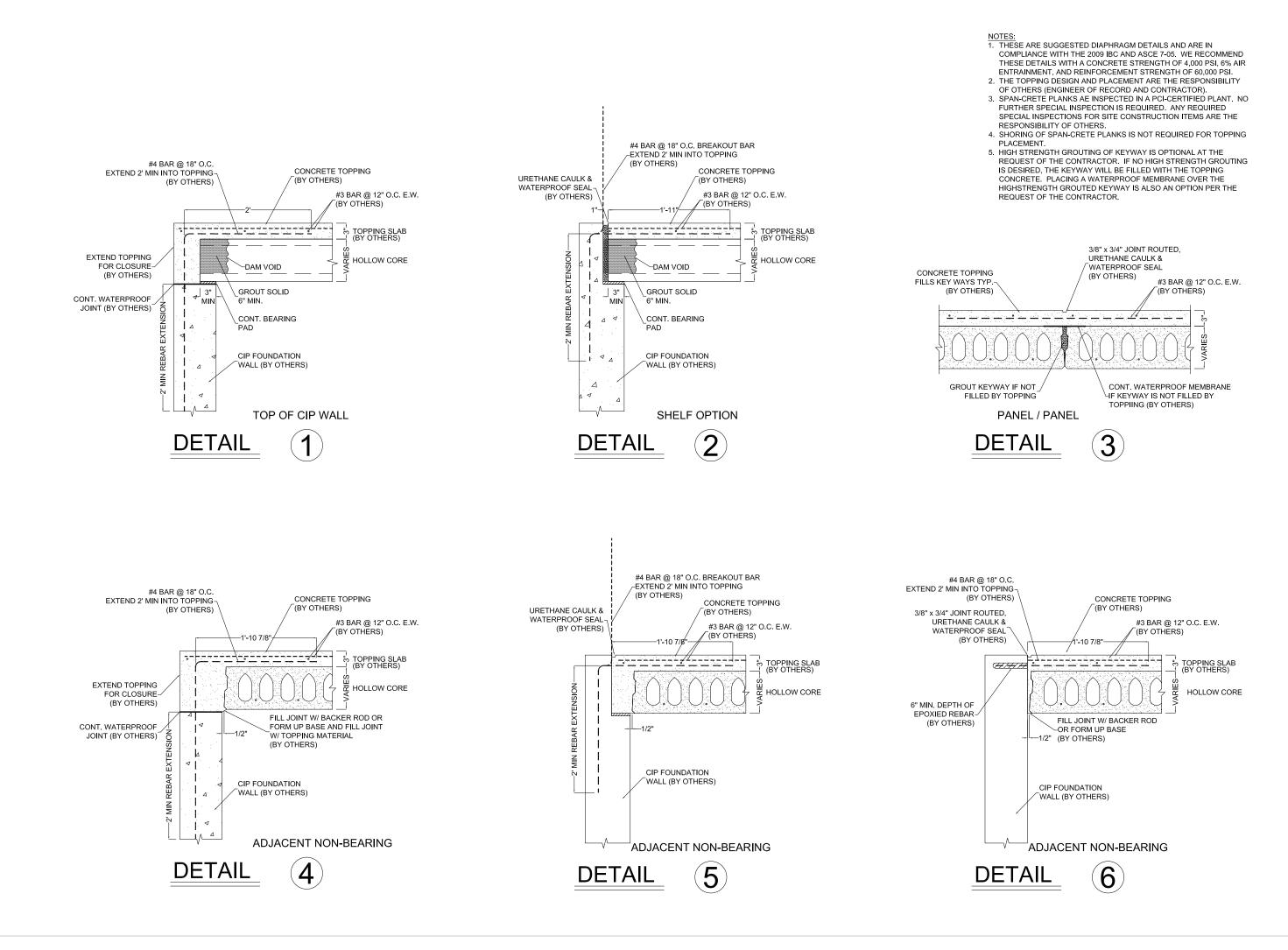
Park City, Utah 84098

REVISIONS:

01-08-2020

DETAILS BUILDER/ DEALER'S APPROVAL : Signature and Date

S301



Company Name
Scandinavian LLC
Address
6410 N. Business

Park Loop Rd. Unit E

Phone 435-513-0355

Fax

Project No.

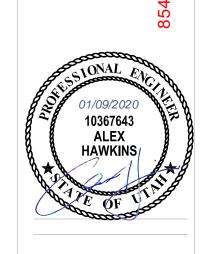
Cad File

Cad File

Drawn

Checked

A New Residence:
BLAKE KINGSBURY
tummit Powder Mountain, Lot # 86R



BUILDER
Company Nam

Park City, Utah 84098

REVISIONS:

Drawing Date 01-08

Scale 1" = Title/No.

DETAILS
BUILDER/ DEALER'S APPROVAL:

S302

PLAN REVIEW ACCEPTANCE

FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

BUILDING STRUCTURAL

MECHANICAL PLUMBING

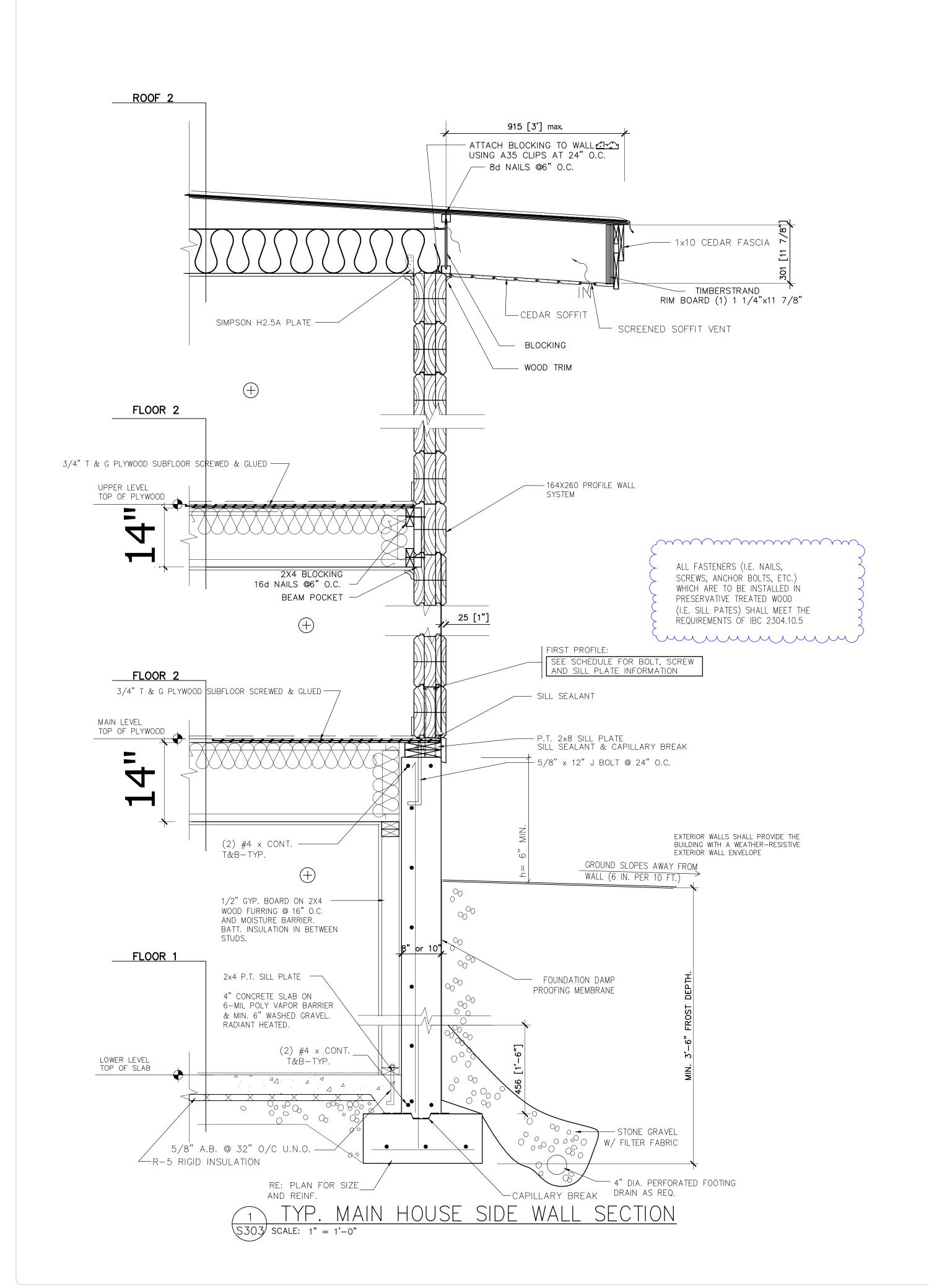
ELECTRICAL ENERGY

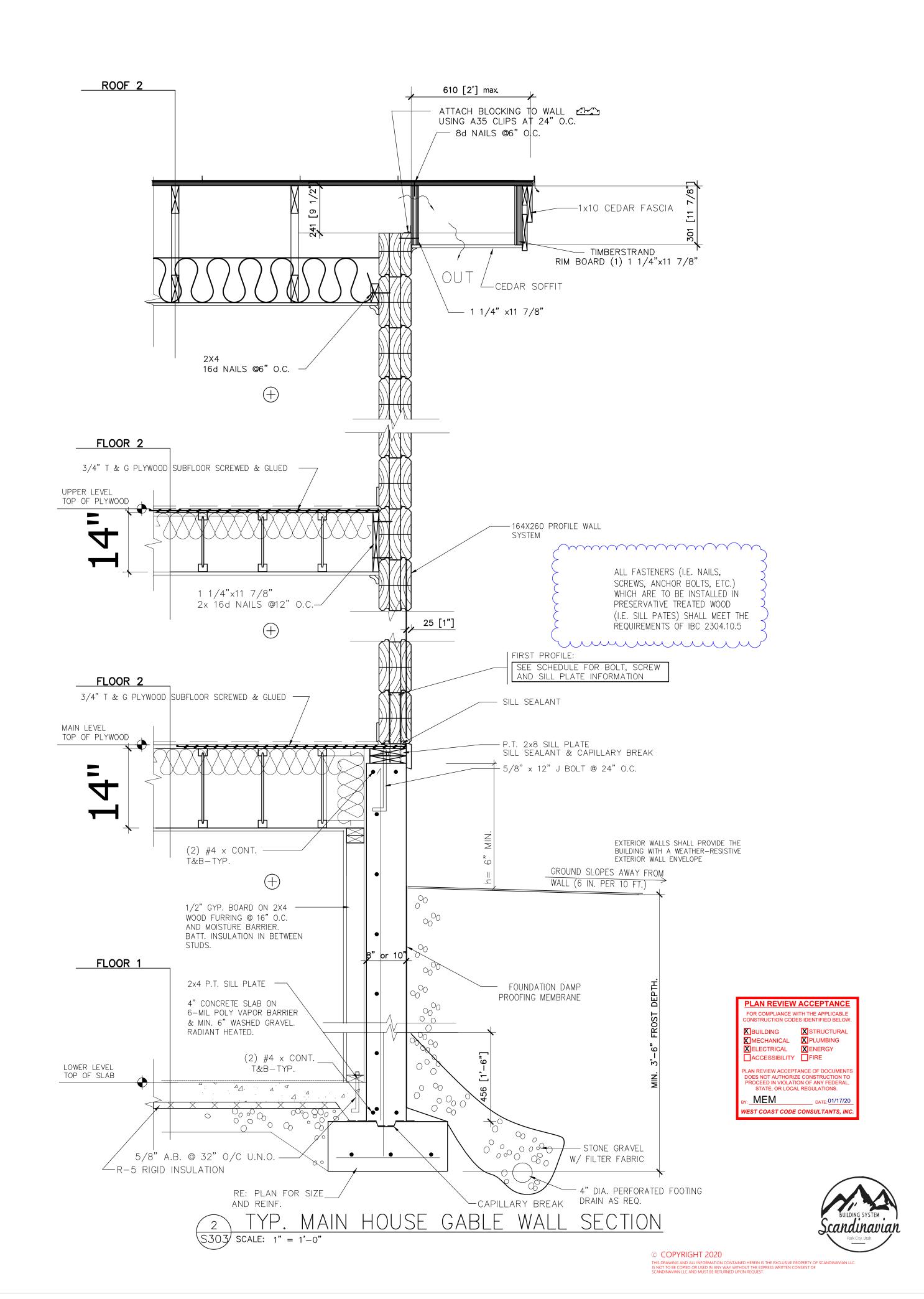
ACCESSIBILITY FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENT DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: MEM DATE: 01/17/20

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ARCHITECTURAL OFFICE

Company Name

Scandinavian LLC

Address

6410 N. Business

Park Loop Rd. Unit E

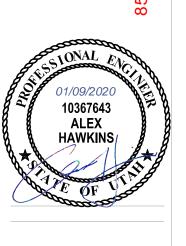
Phone 435-513-0355
Fax
Project No.
Cad File
Drawn

Cad File

Drawn

Checked

A New Residence:
BLAKE KINGSBURY



BUILDER

Company Name

Park City, Utah 84098

REVISIONS:

1. House wall sections.

1. House wall sections. 12-29-2019

Drawing Date 01-08-2020

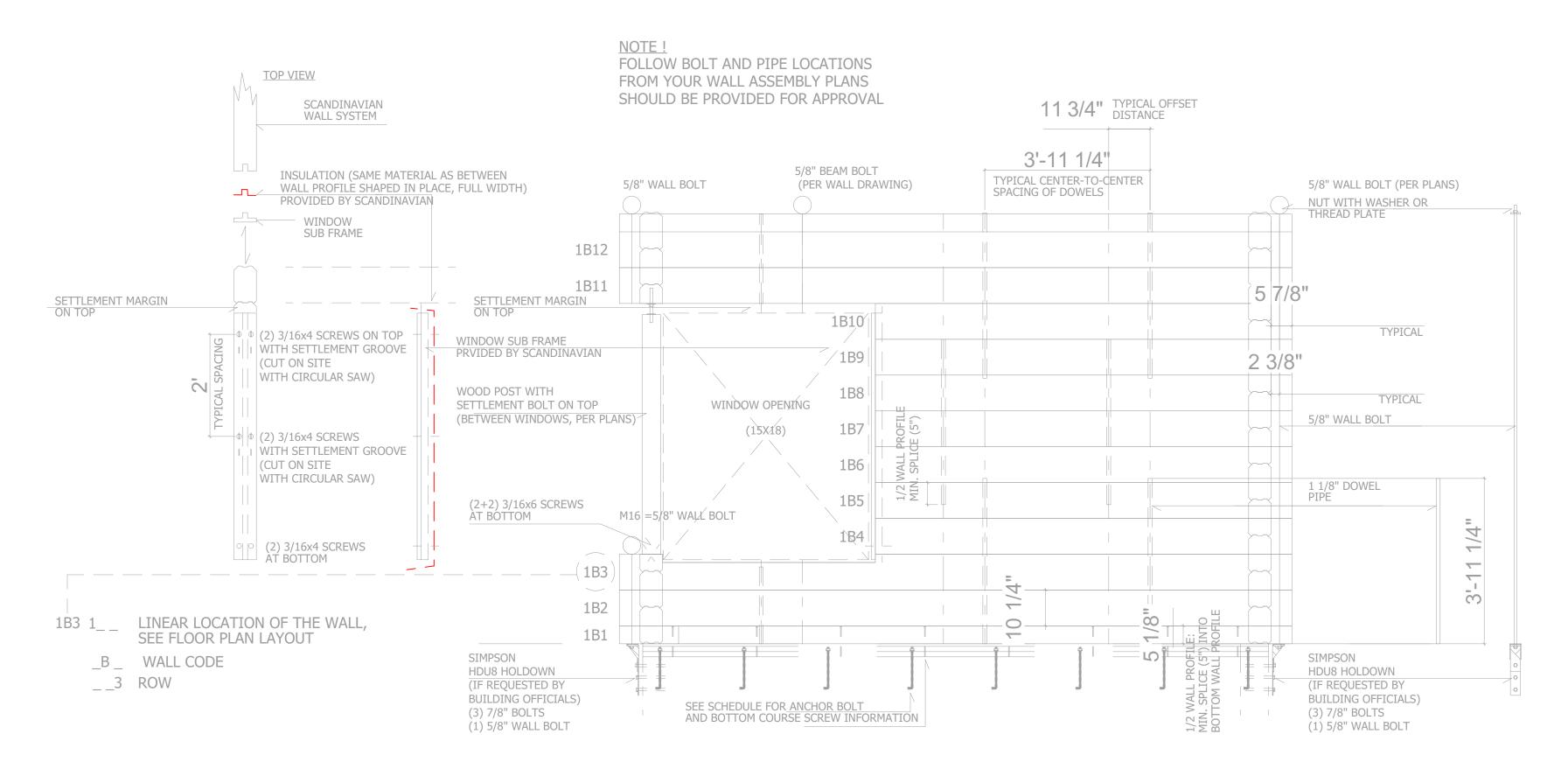
Scale 1" = 1' -0"

DETAILS
BUILDER/ DEALER'S APPROVAL:

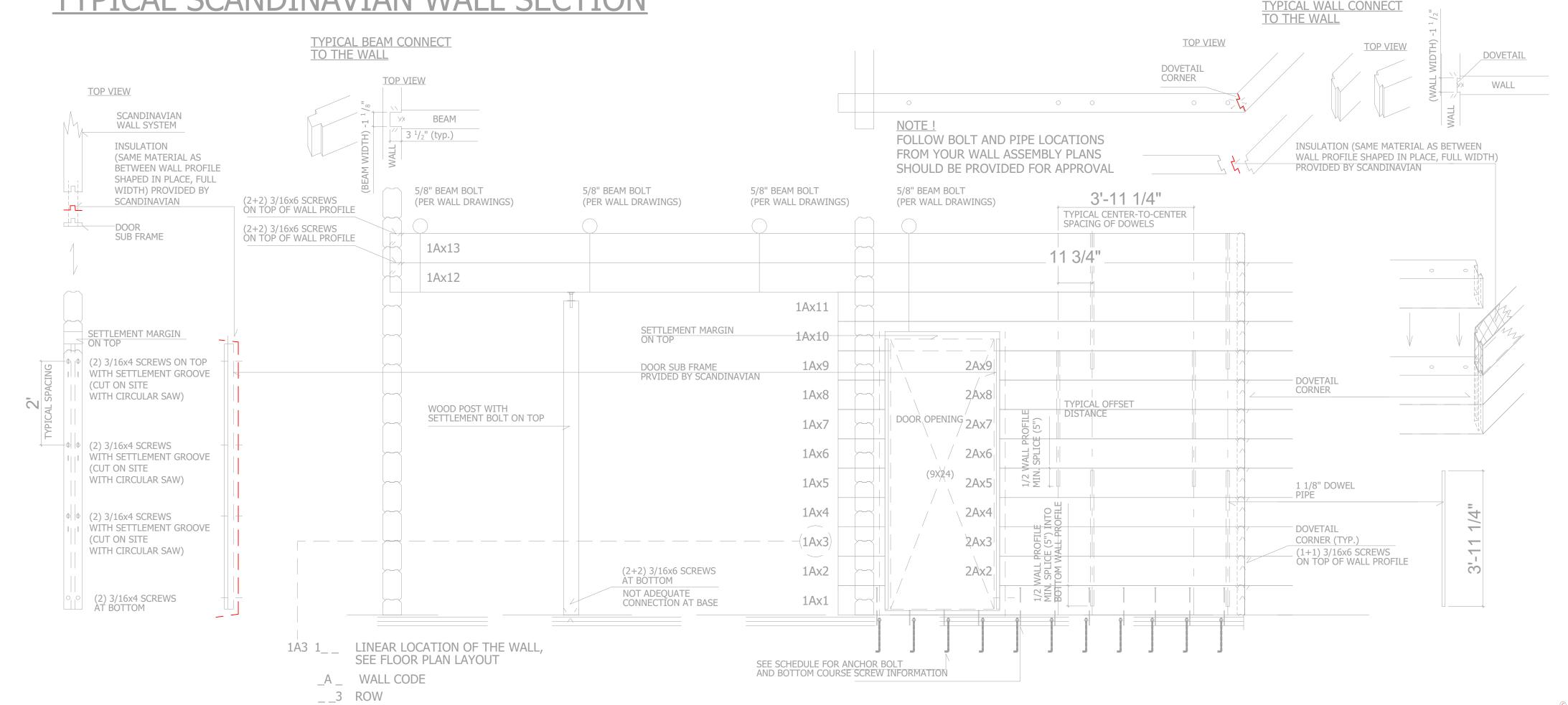
Signature and Date

S303

TYPICAL SCANDINAVIAN WALL SECTION



TYPICAL SCANDINAVIAN WALL SECTION



PLAN REVIEW ACCEPTANCE

FOR COMPLIANCE WITH THE APPLICABLE CONSTRUCTION CODES IDENTIFIED BELOW

BUILDING STRUCTURAL

MECHANICAL PLUMBING

ELECTRICAL ENERGY

ACCESSIBILITY FIRE

PLAN REVIEW ACCEPTANCE OF DOCUMENT: DOES NOT AUTHORIZE CONSTRUCTION TO PROCEED IN VIOLATION OF ANY FEDERAL, STATE, OR LOCAL REGULATIONS.

BY: MEM DATE: 01/17/20

WEST COAST CODE CONSULTANTS, INC.



SCANDINAVIAN

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

A New Residence:
BLAKE KINGSBURY
Summit Powder Mountain, Lot # 86F



BUILDER

Company Name

Park City, Utah 84098
Phone

REVISIONS:

Drawing Date 01-08-2020

Scale 1/2" = 1' -0"

Title/No.

SCANDINAVIAN

WALL SECTION

BUILDER/ DEALER'S APPROVAL:

Signature and Date

S304