Governing Codes and Standards:

STRUCTURAL NOTES:

- 2018 International Building Code (and local amendments) 2018 International Residential Code (and local amendments) "Minimum Design Loads for Buildings and Other Structures" - ASCE <u>7-16</u>
- "Steel Construction Manual" AISC Fourteenth Edition "National Design Specification for Wood Construction" - ANSI/AF&PA-NDS 2018 "Building Code Requirements for Structural Concrete" - ACI318-14

2. BUILDING RISK CATEGORY

3. ROOF LOAD:

<u> </u>	I LOAD.		
	LOAD LOAD (HOUSE ROOF) LOAD (DECK ROOF)	A. B. C.	20 PSF 86 PSF 94 PSF
3. FLO	OR LOAD:		
DEAD L	LOAD DAD (BATHROOM)	A. B.	15 PSF 75 PSF
4. SNO A. B. C. D. E. F.	W LOAD CRITERIA: GROUND SNOW LOAD, Pg FLAT ROOF SNOW LOAD, Pf EXPOSURE FACTOR, Ce THERMAL FACTOR, Ct (HOUSE) THERMAL FACTOR, Ct (DECK) IMPORTANCE FACTOR, I SLIDING SNOW LOAD, Ps	A. B. C. D. E. F.	112 PSF 94 PSF 1.0 1.1 1.2 1.0 22 PSF
<u>5. WINI</u> A. B. C.	D CRITERIA (PER ASCE 7-16): BASIC WIND SPEED (ULTIMATE) EXPOSURE INT. PRESSURE COEFF, GCPi	A. B. C.	115 MPI B ±0.18

PROJECT GENERAL NOTES

- MATERIAL AND DESIGN SPECIFICATIONS CITED HEREIN SHALL BE THOSE CONFORMING WITH THE VERSION OF THE APPLICABLE SPECIFICATION OR CODE MOST RECENTLY ADOPTED BY THE PERMITTING AUTHORITIES. THESE STRUCTURAL NOTES ARE TO BE USED AS A SUPPLEMENT TO THE SPECIFICATIONS, U.N.O.
- REFER TO THE ARCHITECTURAL DOCUMENTS FOR ALL DIMENSIONS NOT SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS. DO NO SCALE THE STRUCTURAL CONTRACT DOCUMENTS.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND CIVIL DRAWINGS AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR INCONSISTENCIES.
- THE SIZE, WEIGHTS AND LOCATIONS OF ALL EQUIPMENT PADS, ROOF MOUNTED MECHANICAL UNITS, AND PENETRATIONS REQUIRED FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK SHALL BE VERIFIED BY THE CONTRACTOR. ALL PENETRATIONS ARE SUBJECT TO APPROVAL BY THE ARCHITECT/ENGINEER
- ANY CONTRACTOR INDUCING LOADS ON THE STRUCTURE NOT SPECIFIED ON THE CONTRACT DOCUMENTS MUST OBTAIN APPROVAL FROM THE ARCHITECT/ENGINEER PRIOR TO ERECTION.
- FIELD ALTERATIONS FOR ANY STRUCTURAL MEMBER SHALL NOT BE EXECUTED WITHOUT APPROVAL FROM THE ARCHITECT/ENGINEER
- ARCHITECT/ENGINEER'S APPROVAL SHALL BE SECURED FOR ALL
- THE STRUCTURE AND ALL OF ITS PARTS MUST BE ADEQUATELY BRACED AGAINST WIND, LATERAL EARTH, AND SEISMIC FORCES UNTIL THE PERMANENT LATERAL-FORCE RESISTING SYSTEMS HAVE BEEN CONSTRUCTED AND ALL OF ITS PARTS HAVE BEEN INSTALLED.
- SHOP DRAWINGS, VENDOR DRAWINGS, OR ANY MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR OR SUBCONTRACTOR ARE NOT CONSIDERED PART OF THE STRUCTURAL CONTRACT DOCUMENTS. ANY ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE SEAL OF AN ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS
- DURING CONSTRUCTION THE CONTRACTOR MAY ENCOUNTER EXISTING CONDITIONS WHICH WERE NOT KNOWN DURING DESIGN OR ARE AT VARIANCE WITH THE PROJECT DOCUMENTATION. SUCH CONDITIONS MAY INTERFERE WITH NEW CONSTRUCTION. REQUIRE PROTECTION AND/OR SUPPORT OF EXISTING WORK, OR MAY CONSIST OF DAMAGED OR DETERIORATION OF STRUCTURAL MATERIALS/COMPONENTS WHICH COULD JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ALL DISCOVERIES HE BELIEVES MAY INTERFERE WITH PROPER EXECUTION OF THE WORK OR JEOPARDIZE THE INTEGRITY OF THE BUILDING PRIOR TO PROCEEDING WITH WORK RELATED TO SUCH DISCOVERIES.
- THE STRUCTURAL ENGINEER SHALL NOT HAVE CONTROL OR CHARGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS. TECHNIQUES, SEQUENCES, PROCEDURES, NOR SITE SAFETY.
- THE STRUCTURAL DRAWINGS HAVE BEEN PREPARED USING AVAILABLE INFORMATION REGARDING THE EXISTING CONDITIONS. NO ATTEMPT HAS BEEN MADE TO VERIFY ANY EXISTING CONDITIONS AGAINST INFORMATION PROVIDED BY OTHERS. THE CONTRACTOR SHALL COMPARE THE EXISTING DOCUMENTS AND NOTIFY THE ARCHITECT OF ANY DIFFERENCES BEFORE PROCEEDING WITH
- ITEMS, IN THE OPINION OF THE CONTRACTOR, THAT APPEAR TO BE DEFICIENCIES, OMISSIONS, CONTRADICTIONS, OR AMBIGUITIES IN THE PLANS AND / OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER. PLANS AND / OR SPECIFICATIONS WILL BE CORRECTED OR WRITTEN INTERPRETATIONS OF THE ALLEGED DEFICIENCY. OMISSION, CONTRADICTION OR AMBIGUITY WILL BE MADE BY THE STRUCTURAL ENGINEER. WORK SHALL NOT PROCEED IN THESE AREAS BEFORE A RESPONSE IN RECEIVED FROM THE STRUCTURAL ENGINEER.
- ALL PRODUCTS AND MATERIALS USED BY THE CONTRACTOR SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- THE GENERAL CONTRACTOR SHALL DETERMINE FROM THE LOCAL BUILDING OFFICIAL WHEN THE PERMIT IS OBTAINED WHETHER ANY LETTERS OF CONSTRUCTION COMPLIANCE WILL BE REQUESTED FROM THE STRUCTURAL ENGINEER, IF SO, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING BEFORE THE START OF CONSTRUCTION.

FOUNDATIONS

- DESIGNS ARE BASED ON OWNER ACCEPTED RECOMMENDATIONS PROVIDED BY NORTHWEST COLORADO CONSULTANTS, INC. (NWCC) IN SOILS REPORT NUMBER 20-11733, DATED SEPTEMBER 24, 2020.
- OWNER IS AWARE AND UNDERSTANDS THE RISK OF USING A SHALLOW FOUNDATION FOR THIS BUILDING AND ACCEPTS DIFFERENTIAL MOVEMENTS BETWEEN 1 AND 2 INCHES AS OUTLINED IN THE SOILS REPORT.
- FOUNDATION DESIGNS ARE BASED ON THE FOLLOWING: 1. MAXIMUM BEARING PRESSURE = 3,500 PSF (FOR NATURAL CLAYS) 2. MINIMUM BEARING PRESSURE = 900 PSF (FOR NATURAL CLAYS)
- ALL OVER EXCAVATION AND FILL SHALL BE PLACED AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
- ALL FOUNDATIONS AND SLABS SHALL BE PLACED ON UNDISTURBED OR COMPACTED CONTROL FILL AS PER THE GEOTECHNICAL REPORT.
- ALL FORMS AND ORGANIC DEBRIS SHALL BE REMOVED PRIOR TO BACKFILLING.
- DO NOT PLACE BACK-FILL AGAINST FOUNDATION WALLS UNTIL FLOOR SLABS AT THE TOP AND BOTTOM ARE IN PLACE OR ADEQUATE BRACING IS INSTALLED AND CONCRETE IS CURED.
- DIFFERENTIAL MOVEMENTS ON THE ORDER OF 1 TO 2 INCHES COULD STILL OCCUR IF CLAYS UNDERGO MOISTURE CHANGES. THE OWNER MUST BE WILLING TO ACCEPT THE RISK OF FOUNDATION MOVEMENT ASSOCIATED WITH PLACING SHALLOW FOUNDATIONS ON EXPANSIVE SOILS/BEDROCK.

CONC. - CAST IN PLACE

- STRUCTURAL CONC. SHALL BE TYPE 1, AND HAVE A MINIMUM 28 DAY STRENGTH OF 3,000 PSI, EXTERIOR CONC. SLABS SHALL BE TYPE 1 AND HAVE A MINIMUM 28 DAY STRENGTH OF 4,000 PSI. ALL CONC. SHALL HAVE A MIN 6% (+/- 1.5%) ENTRAINED AIR FOR DURABILITY AND A 4" (+/- 1") SLUMP. THE MAXIMUM AGGREGATE SIZE SHALL BE 3/4". CONC. SHALL NOT BE PLACED ON FROZEN GROUND AND SHALL BE PROTECTED FROM FREEZING FOR A MINIMUM OF 7 DAYS. DURING COLD WEATHER THE METHODS AND SPECIFICATIONS SET FORTH IN ACI 306R-88 SHALL BE FOLLOWED TO PREVENT FROST DAMAGE.
- ALL CONC. WORK SHALL CONFORM TO THE REQUIREMENTS OF AC1318 AND 301
- C. ALL EXPOSED EDGES SHALL HAVE A 3/4" CHAMFER
- CONC. SHALL BE ADEQUATELY CONSOLIDATED/VIBRATED DURING PLACEMENT TO ENSURE IT IS THOROUGHLY PLACED AROUND ALL REINFORCING STEEL AND EMBEDDED FIXTURES.
- UNLESS NOTED OTHERWISE, SLABS, FOOTINGS AND WALLS SHALL NOT HAVE ANY HORIZONTAL 'COLD JOINTS.' ALL CONSTRUCTION JOINTS SHALL BE DETAILED OR REVIEWED BY THE ENGINEER OF RECORD.
- INTERIOR CONC. SLAB FINISH SHALL BE STEEL TROWEL FINISHED AND EXTERIOR CONC. SLABS SHALL BE BROOM FINISHED.
- ALL CONC. SHALL BE NORMAL WEIGHT AGGREGATE UNLESS NOTED
- CONC. TOPPING FOR METAL PATIOS SHALL NOT INCLUDE ANY ADD MIXTURES CONTAINING CHLORIDE SALTS.
- ALL LIGHTWEIGHT AGGREGATE CONC. SHALL HAVE A MAXIMUM UNIT WEIGHT OF

CONC. REINFORCING STEEL

- REINFORCING BARS SHALL CONFORM TO ASTM SPEC. A615-79 AND SHALL BE GRADE 60.
- AT SPLICES, LAP BARS A MINIMUM OF 38 DIAMETERS. AT CORNERS AND INTERSECTIONS, MAKE HORIZONTAL CONTINUOUS OR PROVIDE MATCHING CORNER BARS. AROUND OPENINGS IN WALLS AND SLABS, PROVIDE (2) #5 BARS EXTENDING A MINIMUM OF 2 FEET BEYOND THE EDGE OF THE OPENING. CONTINUOUS TOP BARS IN WALLS SHALL BE SPLICED AT MID-SPANE. CONTINUOUS BOTTOM BARS IN WALLS SHALL BE SPLICED AT SUPPORTS
- CONC. COVER SHALL CONFORM TO ACI 318-14. 7.7. UNLESS A GREATER COVER IS REQUIRED, CONC. CAST AGAINST EARTH SHALL HAVE 3IN. MIN. COVER, CONC EXPOSED TO EARTH OR WEATHER SHALL HAVE 2IN. MIN. COVER FOR NO. 6 BARS & GREATER. & 1\IN. MIN. COVER FOR NO. 5 BARS & SMALLER. CONC. NOT EXPOSED TO WEATHER SHALL HAVE [" MIN. COVER FOR NO. 11 BARS &
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM 185 AND SHALL BE LAPPED ONE FULL MESH AT SPLICES AND TIED TOGETHER.
- CONC. REINFORCING STEEL SHALL CONFORM WITH ASTM A 615 DEFORMED GRADE 60 (WELDABLE REINFORCEMENT SHALL BE ASTM A706, GRADE 60) UNLESS NOTED OTHERWISE.
- PLACE 2'-0" x 2'-0" BARS AT CORNERS AND INTERSECTIONS FOR WALLS AND FOUNDATIONS EQUAL IN SIZE AND NUMBER TO HORIZONTAL REINFORCING, UNLESS NOTES OTHERWISE.
- ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI DETAILING MANUAL 315.
- ALL REINFORCING STEEL SHALL BE ACCURATELY AND SECURELY PLACED.
- MINIMUM COVER FROM CONC. SURFACES TO REINFORCING STEEL SHALL BE:
 - 3" TO BOTTOM OF FOOTING/GRADE BEAMS 2" TO EARTH FACE OF WALL
 - 1 1/2" TO INSIDE FACE OF WALL
- 1 1/2" MAIN BEAMS AND COLUMNS 1" TO TOP AND BOTTOM CONC. SLAB SURFACES CENTER OF SLABS-ON-
- PROVIDE TWO EXTRA #5'S AROUND ALL OPENINGS IN CONC. WALLS AND SLAB WHICH ARE GREATER THAN 1'-6" IN ANY DIRECTION. EXTEND BARS 2'-0" PAST
- START FIRST REBAR 3" IN FROM THE EDGE, WHERE SLAB REBAR IS CALLED OUT

ALL WELDED WIRE FABRIC SHALL MAINTAIN A MINIMUM LAP SPLICE OF 6".

AS "ON CENTER (OC)" SPACING.

OPENINGS AND HOOK IF NECESSARY, UNLESS NOTED OTHERWISE.

INSTALL REBAR CHAIRS WITH APPROPRIATE MATERIAL FOR ANTICIPATED CONC.

90	10										
		TENSI	ON DEVEL	JNCOATED	NCOATED BARS						
			Lengths	s (In.) per Co	ONC. Stren	gth (psi)	th (psi)				
Bar	Lap	3000 p	osi	4000	psi	5000) psi +				
Size	Class	Top Bars	Typ Bars	Top Bars	Typ Bars	Top Bars	Typ Bars				
#3	Α	22	17	19	15	17	13				
#4	Α	29	22	25	19	22	17				
#5	Α	36	28	31	24	28	22				
#6	Α	43	33	37	29	33	26				
#7	Α	63	48	54	42	49	37				
#8	Α	72	55	62	48	55	43				
#9	Α	81	62	70	54	63	48				
#10	Α	91	70	79	61	70	54				
#11	Α	101	78	87	67	78	60				
#14	N/A	125	96	108	83	97	75				
#18	N/A	161	124	139	107	125	96				

		"LAP" SPLICE LENGTH FOR UNCOATED BARS										
			Lengths	s (In.) per Co	ONC. Streng	gth (psi)						
Bar	Lap	3000 p	osi	4000	psi	5000) psi +					
Size	Class	Top Bars	Typ Bars	Top Bars	Typ Bars	Top Bars	Typ Bars					
#3	В	28	22	24	19	22	17					
#4	В	37	29	32	25	29	22					
#5	В	47	36	40	31	36	28					
#6	В	56	43	48	37	43	33					
#7	В	81	63	70	54	63	49					
#8	В	93	72	80	62	72	55					
#9	В	105	81	91	70	81	63					
#10	В	118	91	102	79	91	70					

- . TABULATED VALUES ARE BASED ON GRADE 60 UNCOATED (NO EPOXY W. COATED) REINFORCING BARS AND NORMAL WEIGHT CONC.. LENGTHS ARE IN INCHES.
- 2. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF CONC. CAST BELOW THE BARS. VERTICAL BARS ARE NOT CONSIDERED TOP
- 3. SPLICE LENGTHS FOR REBAR WITH DIFFERENT SIZES SHALL BE BASED ON THE SPLICE LENGTH FOR THE SMALLER SIZE BAR.
- 4. TABLE ASSUMES BARS HAVE COVER GREATER THAN BAR DIAMETERS AND CENTER TO CENTER SPACING GREATER THAN BAR DIAMETERS.

5. FOR LIGHTWEIGHT AGGREGATE CONC., MULTIPLY THE TABULATED VALUES BY 1.3.

STRUCTURAL WOOD FRAMING

- UNLESS NOTED OTHERWISE, ALL 2" LUMBER SHALL BE DOUGLAS FIR S4S NO. 2 AND BETTER. ALL SOLID TIMBER BEAMS AND POSTS SHALL BE DF-L NO. 1 OR
- UNLESS NOTED OTHERWISE, MINIMUM NAILING SHALL BE PROVIDED AS SPECIFIED IN TABLE NO. 2304.9.1, "FASTENING SCHEDULE", OF THE 2018 IBC OR TABLE NO. R602.3(1), "FASTENER SCHEDULE FOR STRUCTURAL MEMBERS", OF
- WALL AND FLOOR SHEATHING SHALL BE APA RATED WITH EXTERIOR GLUE AND GRADED IN ACCORDANCE WITH APA STANDARDS. PANEL IDENTIFICATION AND THICKNESS SHALL BE AS NOTED ON THE DRAWINGS.
- WHERE LIGHT GAUGE FRAMING ANCHORS ARE SHOWN OR REQUIRED, THEY SHALL BE SIMPSON "STRONG TIE" (OR EQUAL APPROVED BY ICBO). THEY SHALL BE INSTALLED WITH THE NUMBER AND TYPE OF FASTENERS RECOMMENDED BY THE MANUFACTURER TO DEVELOP THE RATED CAPACITY.
- FLOOR JOISTS SHALL BE PLANT FABRICATED I SERIES WITH LVL OR SOLID WOOD FLANGES AND PLYWOOD OR OSB WEBS, AND SHALL CARRY ICBO APPROVAL FOR A COMPLETE SECTION. JOISTS SHALL BE DESIGNED TO CARRY FULL LIVE AND DEAD LOADS OF THE ROOF(S), FLOOR(S), AND ANY SUPERIMPOSED LOADS.
- ROOF OVERFRAMING SHALL BE 2X6 RAFTERS @ 24" O.C. W/ 2X6 STUDS @ 24" O.C. TO STACK OVER RAFTERS OR PURLINS BELOW.
- ALL MEMBERS 3x OR LESS (LEAST DIMENSIONS) SHALL BE KILN-DRY WITH 19% MOISTURE CONTENT, MAXIMUM.
- PROVIDE SOLID BLOCKING (SAME DEPTH OF MEMBER) AT ALL POINTS OF
- ALL PLATES AND LEDGERS IN CONTACT WITH CONC. OR MASONRY SHALL BE PRESSURE TREATED IN ACCORDANCE WITH AWPA STANDARD C-2. PRESSURE-TREATED LUMBER SHALL BEAR THE AWPA (AMERICAN WOOD PRESERVERS BUREAU) QUALITY MARK.
- PLYWOOD SHEATHING SHALL BE LAID WITH END JOINTS STAGGERED.
- BLOCK ALL SHEAR WALL SHEATHING WITH 2 x 4 FLAT BLOCKING AT ALL EDGES.
- NAILING INDICATED ON PLANS AND DETAILS ARE "COMMON" NAILS AS DEFINED BY THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION (NDS), UNO. THE MINIMUM NAIL SIZES ARE AS FOLLOWS: 8D = 0.131" DIA X 2 1/2" LONG
 - 10D = 0.148" DIA X 3" LONG 16D = 0.162" DIA X 3 1/2" LONG
- LAY OUT PLYWOOD TO ELIMINATE ANY WIDTH LESS THAN 1'-0", EXCEPT AT PLYWOOD FLOORS WHERE MINIMUM DIMENSION SHALL BE 2'-0", UNLESS ALL EDGES OF THE UNDERSIZED SHEETS ARE SUPPORTED BY BLOCKING.
- ORIENTED STRAND BOARD CONFORMING WITH IBC AND MANUFACTURED WITH EXTERIOR GLUE MAY BE SUBSTITUTED FOR PLYWOOD PROVIDED IT HAS EQUAL LOAD/SPAN RATING INDEX AND BEARS THE APA TRADEMARK OF THE AMERICAN PLYWOOD ASSOCIATION.
- SOLID BRIDGING AT MAXIMUM OF 8'-0" ON CENTER SHALL BE REQUIRED WHERE JOIST HAVE A FIVE-TO-ONE OR GREATER DEPTH-TO-THICKNESS RATIO AND WHERE ONE EDGE IS NOT HELD IN LINE BY SHEATHING, WALLBOARD, BRACING,
- DOUBLE UP STUDS AT CORNERS OF BEARING WALLS, UNO. SEE PLANS FOR BEARING WALL LOCATIONS.
- PROVIDE (3) 2x STUDS NAILED TOGETHER UNDER ALL BEARING POINTS OF ROOF GIRDER TRUSSES, CONCENTRATED LOADS AND BEAM BEARINGS, UNLESS NOTED OTHERWISE. STUDS SHALL EXTEND FROM TOP OF FOUNDATION TO BOTTOM OF MEMBERS.
- CONTRACTOR IS TO PROTECT FLOOR AND ROOF SHEATHING FROM EXTREME WET CONDITIONS TO LIMIT MOVEMENTS DUE TO EXPANSION CAUSED BY MOISTURE. ADDITIONALLY, PROVIDE PROPER PANEL SPACING PER THE AMERICAN PLYWOOD ASSOCIATION RECOMMENDATIONS.
- WHERE PRESSURE-TREATED PLYWOOD IS INDICATED ON THE DRAWINGS, IT SHALL CONFORM WITH AWPA STANDARD C-9 AND SHALL EXCEED THE AWPB (AMERICAN WOOD PRESERVERS BUREAU) QUALITY MARK.
- JOISTS SHALL BE TREATED IF W/IN 18" ABOVE GRADE & BEAMS SHALL BE

TREATED IF W/IN 12" ABOVE GRADE

- ALL LUMBER EXPOSED TO WEATHER SHALL BE NATURALLY DURABLE, PRESERVATIVE TREATED OR PRESSURE TREATED IF NOT COVERED BY A ROOF OVERHANG OR COVERING TO PREVENT MOISTURE OR WATER ACCUMULATION
- ALL FASTENERS (NAILS, SCREWS, ANCHOR BOLTS, ETC.) IN CONTACT WITH PRESSURE TREATED OR FRT LUMBER SHALL BE CORROSION RESISTANT IN
- ACCORDANCE WITH IBC 2304.10.5. ALL CONNECTORS USED WITH PRESSURE TREATED MATERIAL OR EXPOSED TO WEATHER SHALL BE STAINLESS STEEL OR HAVE A SIMPSON Z-MAX/HDG COATING OR EQUAL. ALL CONNECTORS EXPOSED TO THE EXTERIOR SHALL BE G185 GALVANIZED OR APPROVED EQUAL
- PROVIDE 2x4 BLOCKING AROUND ALL OPENINGS IN ROOF. NAIL THE PANELS TO BLOCKING WITH 10d NAILS AT 4" OC. PROVIDE 2x8 BLOCKING AROUND ALL OPENINGS IN FLOORS NAIL WITH 10d NAIL AT 4" OC AROUND THE OPENING.
- PROVIDE SOLID BLOCKING UNDER ALL COLUMNS FROM TOP OF FOUNDATION OR BEAM BEARING TO THE BOTTOM OF COLUMN OR POST.
- PROVIDE ONE 1/4"x3"x3" MINIMUM GALVANIZED PLATE WASHER (CONFORMING TO THE 2008 NATIONAL DESIGN SPECIFICATION SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC) UNDER ALL SHEAR WALL ANCHOR BOLTS. PLATE WASHER SHALL EXTEND TO WITHIN 1/2" OF THE EDGE OF THE BOTTOM PLATE ON THE SIDE WITH SHEAR WALL SHEATHING. WHERE SHEATHING OCCURS ON BOTH SIDES OF WALL, STAGGER PLATE WASHERS.
- ALL FLOOR PATIOING SHALL BE GLUED AND NAILED TO JOISTS. ALL FLOOR PATIOING SHALL BE TONGUE AND GROOVE WITH GLUED JOINTS.
- ENGINEERED WOOD BEAMS SHALL BE AS MANUFACTURED BY i-LEVEL (OR APPROVED EQUAL) AND HAVE THE FOLLOWING MINIMUM PROPERTIES:

	<u>E</u>	<u>Fb</u>	Ft Fc,	perp Fo	<u>,parll</u>	<u>Fv</u>
L (<9.5")	1,300ksi	1,700psi	1,075psi	680psi	1,400psi	400p
L (9.5"+)	1,550ksi	2,325psi	1,070psi	800psi	2,050psi	310p
L	2,000ksi	2,600psi	1,555psi	750psi	2,510psi	285p
L	2,000ksi	2,900psi	2,025psi	750psi	2,900psi	290p

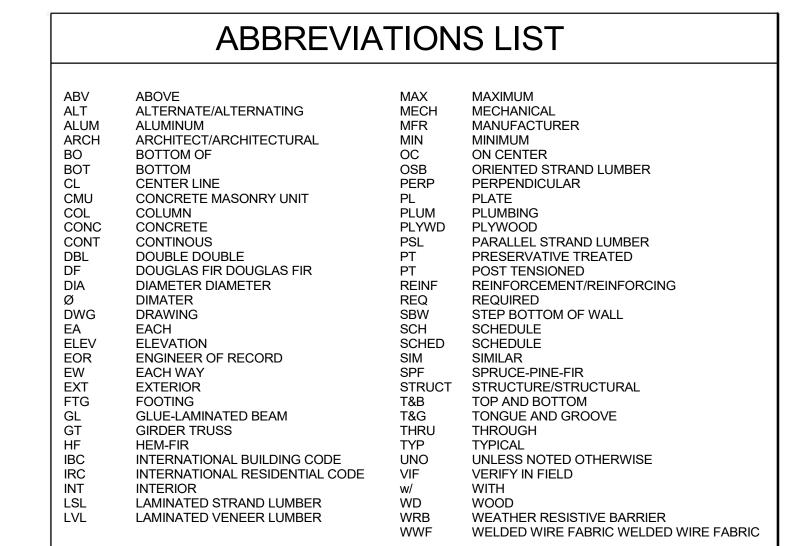
GLUE LAMINATED BEAMS SHALL BE AS MANUFACTURED BY BOISE CASCADE (OR APPROVED EQUAL) AND HAVE THE FOLLOWING MINIMUM PROPERTIES:

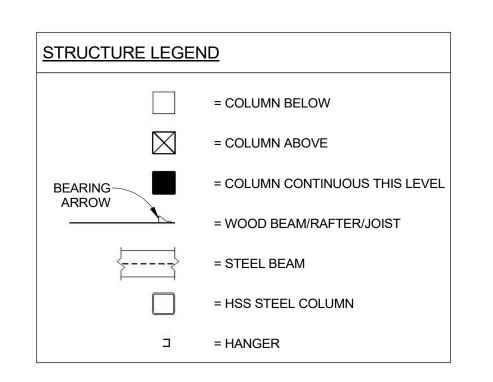
		,			_	_	
		<u>E</u>	Fb,top Fb,bot	Fc,perp	Fc,parll	<u>Fv</u>	
	GLB 24F-V4	1,800ksi	2,400psi	1,850psi	650psi	1,650psi	240psi
	GLB 24F-V8	1,800ksi	2,400psi	2,400psi	650psi	1,650psi	240psi
D.	ALL RIM JOIST	S SHALL I	BE AS NOTED	ON PLANS	AND DETA	AILS. RIM MA	ATERIAL

SHALL BE ICC APPROVED FOR RIM JOIST APPLICATIONS

POST INSTALLED ANCHORS

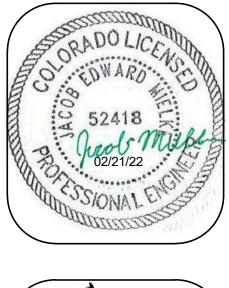
- EXPANSION ANCHORS SHALL BE ICC-APPROVED (ZINC PLATED IN ACCORDANCE WITH ASTM B 633, HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A 153. AISI 304 STAINLESS STEEL) AND CONFORM WITH FS-S-325, GROUP II, TYPE 4,
- EXPANSION BOLTS CALLED FOR ON THE DRAWINGS SHALL BE SIMPSON "WEG-ALL", "STRONG-BOLT 2" OR APPROVED WEDGE TYPE ANCHORS WITH THE FOLLOWING MINIMUM EMBEDMENTS: 3/4" DIAMETER BOLTS - 3{", 5/8" DIAMETER BOLTS - 2[", 1/2" DIAMETER BOLTS - 2;".
- ADHESIVE ANCHORS SHALL BE ICC-APPROVED AND SHALL CONSIST OF ALL-THREAD ANCHOR ROD, NUT WASHER AND ADHESIVE CAPSULE. ANCHOR RODS SHALL COMPLY WITH ASTM A307. (NOT USED AT PT SLAB.)
- ALL EPOXY SHALL BE SIMPSON "SET-XP" AND SHALL BE INSTALLED PER THE "ANCHORING AND FASTENING SYSTEMS FOR CONC. AND MASONRY" SIMPSON CATALOG #C-SAS-2012 BY A QUALIFIED PERSONNEL.
- HEAVY DUTY SCREW ANCHORS SHALL BE STAINLESS STEEL: SIMPSON TITEN HD OR APPROVED EQUAL.





	SHEET INDEX
S-0	GENERAL NOTES
S-1	FOUNDATION PLAN
S-1.1	FOUNDATION SECTIONS
S-2	FLOOR FRAMING PLAN & GENERAL WOOD FRAMING DETAILS
S-3	ROOF FRAMING PLAN & SECTIONS
S-3.1	FRAMING SECTIONS
S-3.2	MANUFACTURED TRUSS SCHEMATICS







ISSUE DATES

PERMIT SET

2. 21. 21.

DESIGNED BY: MVS REVIEWED BY: CWM PROJECT #: 21103

REVIEWED FOR GENERAL NOTES CODE COMPLIANCE

10/24/2022

Copyright 2022©

FOUNDATION NOTES

- ELEVATIONS SHOWN ARE REFERENCED FROM TOP OF PLWD. ELEVATION = 100'-0".
- PROVIDE TYPICAL PERIMETER DRAIN 4"Ø PERF. PVC PIPE, MIN. 6" BELOW BOTTOM OF FOOTING - SLOPE 1/8"/FT. TO DAYLIGHT - SURROUND w/ 1 CU. FT./LIN FT. WASHED ROCK IN MIRAFI 140N FABRIC ENVELOPE - REFER SOILS REPORT.
- TYPICAL PROVIDE DAMP-PROOFING & INSULATED DRAIN BOARD FASTENED TO EXTERIOR OF ALL CONCRETE WALLS.
- TYPICAL UPPER 2-3 FT. OF BACKFILL WITHIN 10 FT. OF FOUNDATIONS SHALL BE IMPERVIOUS SOIL TO PREVENT SURFACE WATER INFILTRATION INTO BACKFILL
- ALL FOOTINGS SHALL BE PLACED ON NATURAL CLAYS PER SOILS REPORT.
- JOISTS SHALL BE TREATED IF w/ IN 18" OF GRADE + BEAMS SHALL BE TREATED IF w/IN 12" OF GRADE.
- PROVIDE 6 MIL. VAPOR BARRIER (GLUED TO CONC.) PROVIDE MIN. 6" GRAVEL OVER COMPACTED NATIVE FILL @ CRAWLSPACE.

COLUMN LEGEND & SCHEDULE

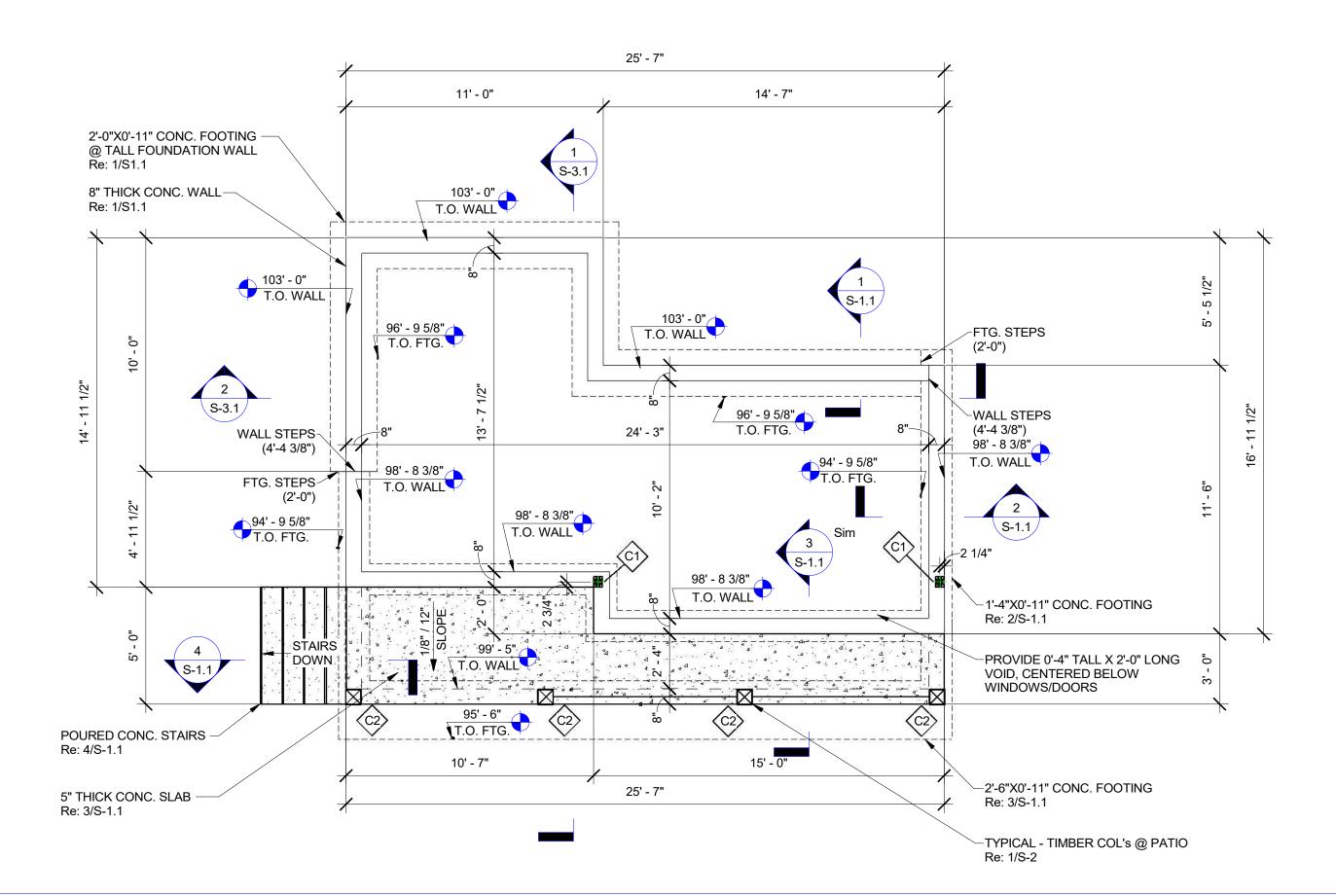
:		
Cx MARK	SIZE	REMARKS
C1	(3) 2x6 BUILT UP STUD PACK	INTEGRATED INTO WALL
C2	8X8 TIMBER	w/ KERF PL 'KP1' Re: 9/S-1.1 & w/ ECC88 OR CC88 CAP

NOTES:

INDICATES COLUMNS BELOW

>── INDICATES COLUMNS ABOVE

■ INDICATES CONTINUOUS COLUMNS







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

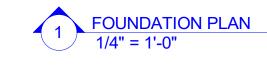
ISSUE DATES

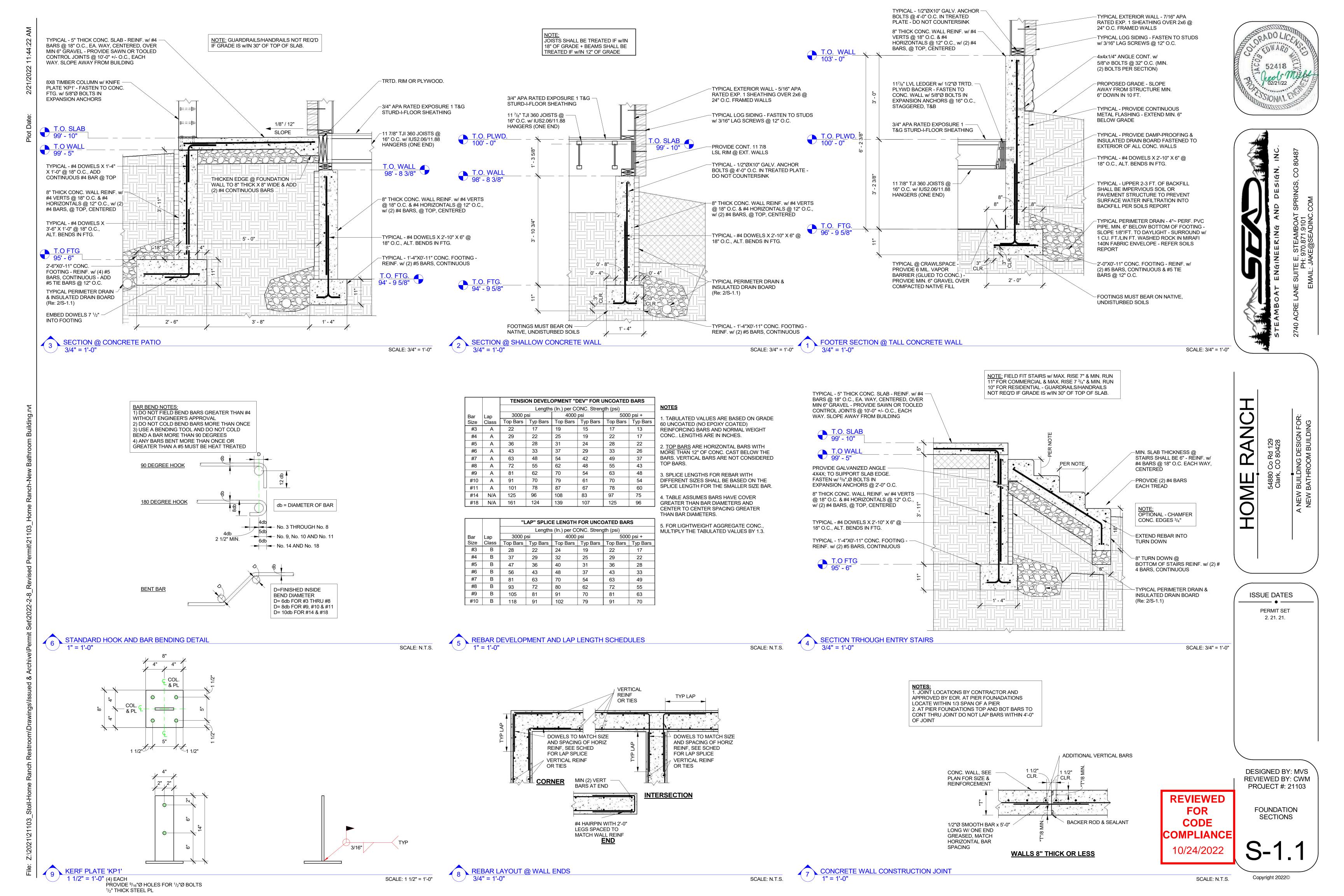
PERMIT SET 2. 21. 21.

REVIEWED FOR CODE COMPLIANCE 10/24/2022

DESIGNED BY: MVS REVIEWED BY: CWM PROJECT #: 21103

FOUNDATION PLAN





FRAMING NOTES

1. PROVIDE 3/4" APA RATED EXPOSURE 1 T&G STURD-I-FLOOR SHEATHING

- 2. ELEVATION @ TOP OF BEAM INDICATED THUS: (ELEV)
- 3. COLUMNS THAT BEGIN THIS LEVEL ARE INDICATED ON PLAN.
- 4. TYPICAL @ MULTI-PLY BEAMS & HEADERS FASTEN EA. PLY w/ ADHESIVE & FASTENING PER 2/S-2
- 5. JOISTS SHALL BE TREATED IF w/IN 18" OF GRADE & BEAMS SHALL BE TREATED IF w/IN 12" OF GRADE. FRAMING MEMBERS SHALL BE PRESERVATIVE TREATED MATERIAL IN ACCORDANCE W/ SECTION R317. ALL CUTS, NOTCHES, & DRILLED HOLES SHALL BE TREATED ACCORDANCE w/ SECTION R317.1.1.

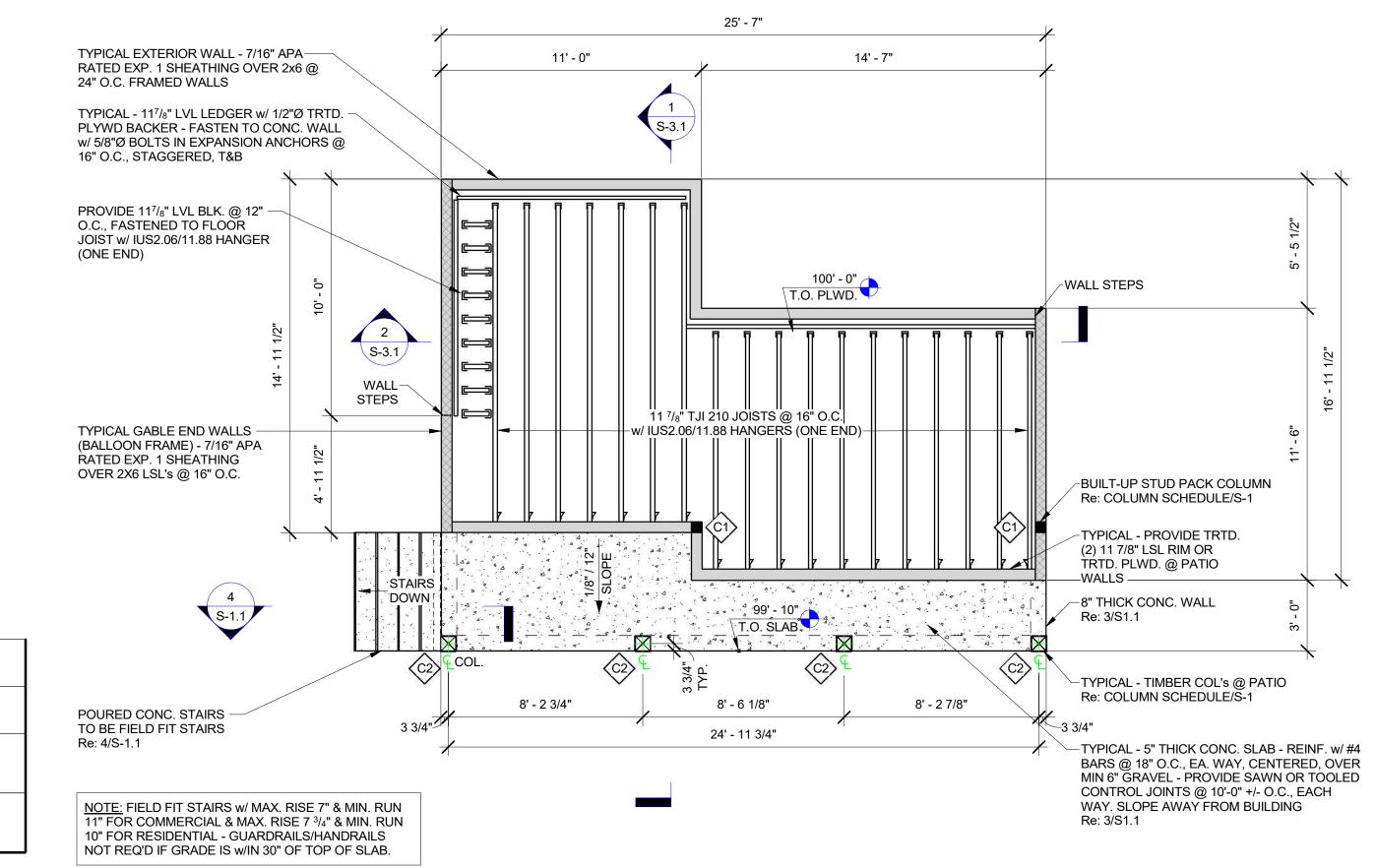
COLUMN LEGEND & SCHEDULE

0000	Cx MARK	SIZE	REMARKS
20	C1	(3) 2x6 BUILT UP STUD PACK	INTEGRATED INTO WALL
88	C2	8X8 TIMBER	w/ KERF PL 'KP1' Re: 9/S-1.1 & w/ ECC88 OR CC88 CAP

NOTES: ├── INDICATES COLUMNS BELOW >—■ INDICATES COLUMNS ABOVE

■ INDICATES CONTINUOUS COLUMNS

	WALL SCHEDULE											
HATCH	DESCRIPTION	STUDS	FASTENING	REMARKS								
	TYPICAL 2X6 BEARING w/ SHEATHING	2X6 @24" O.C.	7/16" SHEATHING (ONE SIDE) w/ 6" EDGE NAILING & 12" FIELD NAILING	NO SHEATING @ INTERIOR WALLS								
	BALLOON FRAME	2X6 LSL's @ 16" O.C.	SAME AS TYPICAL	NO SHEATING @ INTERIOR WALLS								



MAIN FLOOR FRAMING PLAN 1/4" = 1'-0"

ALLOWABLE HOLES Minimum distance from Table A No field cut holes in |-

Minimum distance from Table B 1½" round holes may be cut anywhere in web outside hatched zones of hatched zone if they are L_1 D_1 D_2 Closely grouped round holes are permitted if D_2 minimum D_2 Do not cut holes larger the group perimeter than 1½" in cantilever holes except meets requirements for round or square holes knockouts)

Table A—End Suppo	rt (Minimum distance from edge of hole to insid	e face of nearest end support)
	Pound Hole Size	Cause or

Danah	TJI®				● Ro	ound Hole	Size						III St	quare or	Rectange	ular Hole	Size		
Depth TJI®	2"	3"	4"	5"	6½"	7"	87/8"	11"	13"	2"	3"	4"	5"	61/2"	7"	87/8"	11"	13"	
	110	1'-0"	1'-6"	2'-0"	3'-0"	5'-0"					1'-0"	1'-6"	2'-6"	3'-6"	4'-6"				
	210	1'-0"	1'-6"	2'-6"	3'-0"	5'-6"					1'-0"	2'-0"	2'-6"	4'-0"	5'-0"				
91/2"	230	1'-6"	2'-0"	2'-6"	3'-6"	5'-6"					1'-0"	2"-0"	3'-0"	4'-6"	5'-0"				
	360	1'-6"	2'-0"	3'-0"	4'-0"	6'-0"					1'-6"	2'-6"	3'-6"	5'-0"	5'-6"				
	560	1'-6"	2'-6"	3'-6"	5'-0"	7'-0"					2'-0"	3'-0"	4'-0"	5'-6"	6'-0"				
	110	1'-0"	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	5'-6"			1'-0"	1'-6"	2'-0"	2'-6"	4'-6"	5'-0"	6'-0"		
	210	1'-0"	1'-6"	2'-0"	2'-0"	3'-0"	3'-6"	6'-0"			1'-0"	1'-6"	2'-6"	3'-0"	5'-0"	5'-6"	6'-6"		
111/8"	230	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	6'-6"			1'-0"	2'-0"	2'-6"	3'-6"	5'-6"	5'-6"	7'-0"		
	360	1'-6"	2'-0"	3'-0"	3'-6"	4'-6"	5'-0"	7'-0"			1'-6"	2'-6"	3'-6"	4'-6"	6'-6"	6'-6"	7'-6"		
	560	1'-6"	2'-6"	3'-0"	4'-0"	5'-6"	6'-0"	8'-0"			2'-6"	3'-6"	4'-6"	5'-6"	7'-0"	7'-6"	8'-0"		
	110	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	2'-0"	3'-0"	5'-6"		1'-0"	1'-0"	1'-6"	2'-0"	3'-6"	4'-0"	6'-0"	8'-0"	
	210	1'-0"	1'-0"	1'-0"	1'-6"	2'-0"	2'-6"	3'-6"	6'-0"		1'-0"	1'-0"	2'-0"	2'-6"	4'-0"	4'-6"	6'-6"	8'-6"	
14"	230	1'-0"	1'-0"	1'-0"	1'-6"	2'-6"	2"-6"	4'-0"	7'-0"		1'-0"	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	7'-0"	9'-0"	
	360	1'-0"	1'-0"	1'-6"	2'-6"	3'-6"	4'-0"	5'-6"	8'-0"		1'-0"	1'-6"	2'-6"	4'-0"	6'-0"	6'-6"	8'-0"	9'-6"	
	560	1'-0"	1'-0"	2'-0"	3'-0"	4'-6"	5'-0"	6'-6"	9'-0"		1'-6"	3"-0"	4'-0"	5'-0"	7'-0"	7'-6"	9'-0"	10'-0"	
	210	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	2'-6"	3'-6"	6'-0"	1'-0"	1'-0"	1'-0"	2'-0"	3'-0"	3'-6"	6'-6"	8'-0"	11'-0
1011	230	1'-0"	1'-0"	1'-0"	1'-0"	1'-6"	1'-6"	3'-0"	4'-0"	7'-0"	1'-0"	1'-0"	1'-0"	2'-0"	3'-6"	4'-0"	7'-0"	9'-0"	11'-0
16"	360	1'-0"	1'-0"	1'-0"	1'-0"	2'-6"	2'-6"	4'-6"	6'-6"	9'-0"	1'-0"	1'-0"	1'-6"	3'-0"	5'-0"	5'-6"	9'-0"	10'-0"	11'-6
	560	1'-0"	1'-0"	1'-0"	1'-0"	2'-6"	3'-0"	5'-0"	7'-6"	10'-0"	1'-0"	2'-0"	3'-0"	4'-6"	6'-6"	7'-0"	10'-0"	11'-0"	12'-0

Table B—Intermediate or Cantilever Support

(Minimum distance from edge of hole to inside face of nearest intermediate or cantilever support) 2'-0" 3'-0" 4'-0" 6'-6" 7'-6" 2'-6" 3'-0" 4'-0" 5'-6" 8'-6" 3'-0" 5'-6" 6'-6" 9'-0" 3'-0" 4'-6" 5'-6" 7'-6" 8'-0"
 4'-0"
 5'-6"
 6'-6"
 8'-0"
 9'-0"

 1'-0"
 1'-6"
 2'-6"
 4'-0"
 7'-0"
 7'-0"
 9'-6"

 1'-0"
 2'-0"
 3'-0"
 4'-6"
 8'-0"
 8'-0"
 10'-0"
 230 1'-0" 2'-0" 2'-6" 3'-6" 5'-0" 5'-6" 10'-0"
 210
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1'-0"
 1

See page 24 for how to use these tables and General Notes.

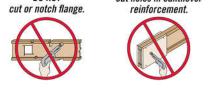
Trus Joist® TJI Joist® Specifier's Guide (Canada) NBCC TJ-4500 | March 2021

Rectangular holes based on measurement of longest side.

General Notes

■ Holes may be located vertically anywhere within the web. Leave 1/8" of web (minimum) at top and bottom of hole.

- Knockouts are located in web at approximately 12" on-centre; they do not affect hole placement and may be For simple span (5' minimum) uniformly loaded joists meeting the requirements of this guide, one maximum
- size round hole may be located at the centre of the joist span provided that no other holes occur in the joist. Distances are based on the maximum uniform loads shown in this guide. For other load conditions or hole configurations use ForteWEB™ software or contact your Weyerhaeuser representative.



cut holes in cantilever

DO NOT

4 ALLOWABLE HOLES IN 9 1/2"-16" TJI JOISTS CHART

NOT TO SCALE

TYPICAL BUILT-UP WOOD COLUMN SECTION

3/4" = 1'-0"

<u>PLAN</u> SCALE: 1/4" = 1'-0" NOTE: ADD A ROW NOTE: IF USING 16d NOTE: ADHESIVE OF NAILS IF BEAM IS X 3" NAILS, CAN SHALL BE APPLIED DEEPER THAN 14" REDUCE BY A ROW BETWEEN EA. PLY FASTEN EA. 2X6 PLY. TOGETHER w/ MIN. 2 ROWS OF 10d COMMON NAILS @ MAX. 12" O.C., STAGGERED, (OR 1 ROW OF NAILS FOR 2X4's) √ MIN. 10d X 3" NAILS @ MIN. 10d X 3" NAILS @ 12" O.C., BOTH SIDES @ 12" O.C., ONE SIDE 12" O.C., ONE SIDE PER PLY - OFFSET EA. ROW 2" ALONG LENGTH OF BM. FASTEN STUDS TO TOP OR SILL PL's w/ MIN. (4) 8d COMMON OR (4) 10d BOX TÓENAILS OR MIN. (2) 16d COMMON OR (3) 10D BOX END NAILS

SCALE: 1" = 1'-0"

ISSUE DATES

PERMIT SET 2. 21. 21.

DESIGNED BY: MVS REVIEWED BY: CWM PROJECT #: 21103 **REVIEWED** FLOOR FRAMING

FOR PLAN & GENERAL WOOD FRAMING CODE **DETAILS** COMPLIANCE

10/24/2022

Copyright 2022©

2 TYPICAL MULTI PLY BEAM FASTENING SECTION 1 1/2" = 1'-0" SCALE: 11/2" = 1'-0"

PACK BELOW GIRDER BEARING, U.N.O.

- 1. PROVIDE 5/8" APA RATED EXPOSURE 1 40/20 SHEATHING.
- 2. ELEVATION @ TOP OF BEAM INDICATED THUS: (ELEV).

FRAMING NOTES

- 3. TYPICAL @ MULTI-PLY BEAMS & HEADERS FASTEN EA. PLY w/ ADHESIVE & FASTENING
- 4. Re: 1/S-3.2 FOR MANUFACTURED TRUSS SCHEMATICS.
- 5. FULL HEIGHT BLOCKING & DIAPHRAGM NAILING INDICATED
- THUS: ➤ Re: 4/S-3. 6. TYPICAL @ GIRDER TRUSSES & GIRDER RAFTERS - PROVIDE FULL BEARING 2X6 STUD
- 7. ROOF OVERFRAMING SHALL CONFORM TO STRUCTURAL WOOD FRAMING NOTE 'F'
- 8. ATTIC SPACES OF TRUSSES SHALL NOT BE USED FOR STORAGE UNLESS SPECIFICALLY
- NOTED ON PLANS THAT SUCH SPACE WAS DESIGNED FOR A STORAGE LOAD.

9. PROVIDE 'DOG-HOUSE' RIDGE VENT Re: 3/S-1.3

HEADER SCHEDULE									
Hx MARK	SIZE	TRIMMER	KING						
H1	(2) 7 1/4" LVL's	(2) 2X6	(1) 2X6's						
H2	H2 (2) 2x6's (1) 2X6's (1) 2X6's								
NOTES: 1. HEADER TAGS A 2. TRIMMER & KING	ARE PER SHEET. G STUDS ARE PER EA. END OF	HEADER, U.N.O.							

TYPICAL METAL ROOF

-4" CONT. VENT w/ METAL SCREEN

CONTINUOUS METAL DRIP EDGE

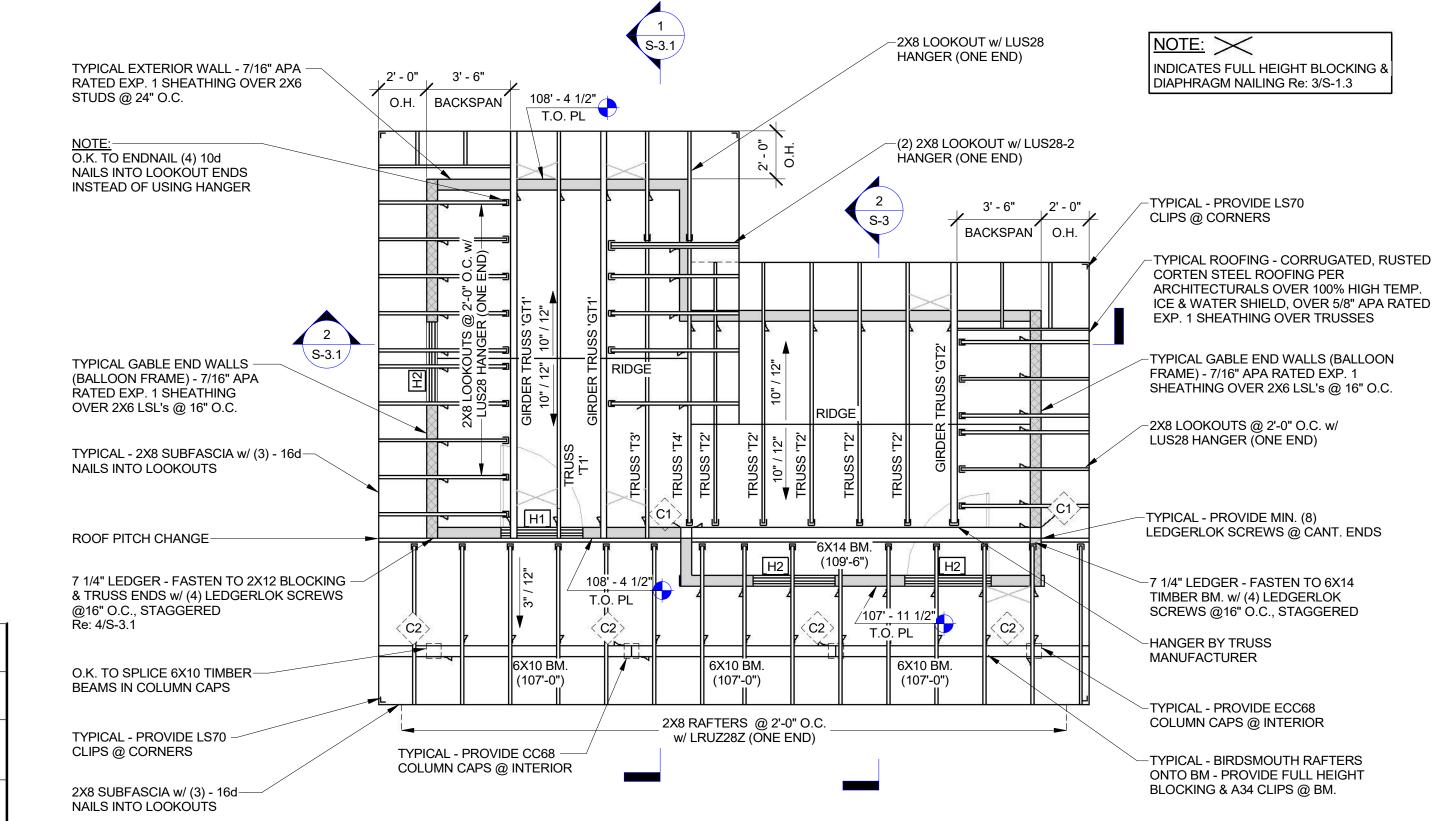
1X6 R.S. CEDAR FASCIA w/

-TRUSSES PER PLAN

Re: 3/S-1

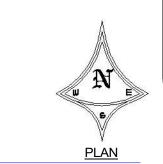
Re:3/S-1.3

WALL SCHEDULE				
HATCH	DESCRIPTION	STUDS	FASTENING	REMARKS
	TYPICAL 2X6 BEARING w/ SHEATHING	2X6 @24" O.C.	7/16" SHEATHING (ONE SIDE) w/ 6" EDGE NAILING & 12" FIELD NAILING	NO SHEATING @ INTERIOR WALLS
	BALLOON FRAME	2X6 LSL's @ 16" O.C.	SAME AS TYPICAL	NO SHEATING @ INTERIOR WALLS









SCALE: 1/4" = 1'-0" TYPICAL ROOFING - CORRUGATED, RUSTED -CORTEN STEEL ROOFING PER ARCHITECTURALS OVER 100% HIGH TEMP. ICE & WATER SHIELD, OVER 5/8" APA RATED EXP. 1 SHEATHING OVER TRUSSES TYPICAL - PROVIDE BAFFLES TO -PREVENT INSULATION FROM BLOCKING AIR FLOW 2X12 BLOCKING - ALLOWS SPACE FOR AIRFLOW

FULL HEIGHT BEVELED LSL BLOCKING w/ 10d NAILS @ 6" O.C. 2X8 SUBFASCIA PER PLAN TOE NAIL BLOCKING TO TOP PL -PROVIDE H2.5 CLIPS EA. w/ 16d NAILS @ 6" O.C. @ FULL HEIGHT BLOCKING END OF TRUSSES U.N.O. TYPICAL EXTERIOR WALL - 7/16" -APA RATED EXP. 1 SHEATHING

1 ROOF FRAMING PLAN

 $1/4" = \overline{1'-0"}$

4 TYPICAL DIAPHRAM BLOCKING SECTION 3/4" = 1'-0"

OVER 2X6 STUDS @ 24" O.C.

CONTINUOUS 1/2" PLYWD. BAFFLE

2X4 SUBFASCIA-

FULL HEIGHT CONT.

METAL FLASHING

CONTINUOUS 2X6's - TOE NAIL — TO TRUSSES w/ (1) 16d NAIL EACH TRUSS, EACH 2X6

TYPICAL ROOFING - CORRUGATED, RUSTED -

ARCHITECTURALS OVER 100% HIGH TEMP.

ICE & WATER SHIELD, OVER 5/8" APA RATED

CORTEN STEEL ROOFING PER

EXP. 1 SHEATHING OVER TRUSSES

TYPICAL TRUSS EAVE SECTION SCALE: 3/4" = 1'-0"

STUDS @ 24" O.C.

2X8 SUBFASCIA PER PLAN

VENT w/ STEEL SCREEN

PROVIDE 3" WIDE CONTINUOUS -

TYPICAL EXTERIOR WALL - 7/16" APA -

RATED EXP. 1 SHEATHING OVER 2X6

OVERFRAME @ PITCH CHANGE TYPICAL - BIRDSMOUTH RAFTERS — ONTO BM - PROVIDE FULL HEIGHT BLOCKING & A34 CLIPS @ BM. TYPICAL - 6X10 TIMBER BM. 2X8 SUBFASCIA w/ (3) - 16d-NAILS INTO LOOKOUTS

TOE NAIL 2X8 RAFTER ENDS INTO -6X12 TIMBER BM. w/ (4) 10d NAILS 7 1/4" LEDGER - FASTEN TO 6X14 -TIMBER BM. w/ (4) LEDGERLOK SCREWS @16" O.C., STAGGERED TYPICAL - HANGER BY TRUSS MANUFACTURER

-PROVIDE H2.5 CLIPS EA.

END OF TRUSSES U.N.O.

6X14 TIMBER BM.

2' - 5 1/2" TYPICAL - BIRDSMOUTH RAFTERS
ONTO PL - PROVIDE FULL HEIGHT BLOCKING & H2.5 CLIPS

TYPICAL EXTERIOR WALL - 7/16" APA RATED EXP. 1 SHEATHING OVER 2X6 STUDS @ 24" O.C.

PROVIDE CC68 COLUMN CAPS -

OK TO SPLICE BM. IN CAP

ARCHITECTURALS OVER 100% HIGH TEMP. ICE & WATER SHIELD, OVER 5/8" APA RATED EXP. 1 SHEATHING OVER RIDGE TRUSSES -TYPICAL - PROVIDE BAFFLES TO PREVENT INSULATION FROM SCALE: 3/4" = 1'-0" BLOCKING AIR FLOW

2' - 8 3/4"

T.O. PL 108' - 4 1/2"

-TYPICAL 'DOG-HOUSE' RIDGE VENT

-TYPICAL ROOFING - CORRUGATED, RUSTED CORTEN STEEL ROOFING PER

-2X12 BLOCKING - ALLOWS SPACE

√2X8 SUBFASCIA w/ (3) - 16d NAILS INTO LOOKOÙTS

FOR AIRFLOW

Re: 3/S-3

DESIGNED BY: MVS REVIEWED BY: CWM PROJECT #: 21103

ISSUE DATES

PERMIT SET 2. 21. 21.

ROOF FRAMING PLAN

& SECTIONS

Copyright 2022©

TYPICAL 'DOG-HOUSE' RIDGE VENT SECTION

ROOF FRAMING SECTION 3/4" = 1'-0"

REVIEWED

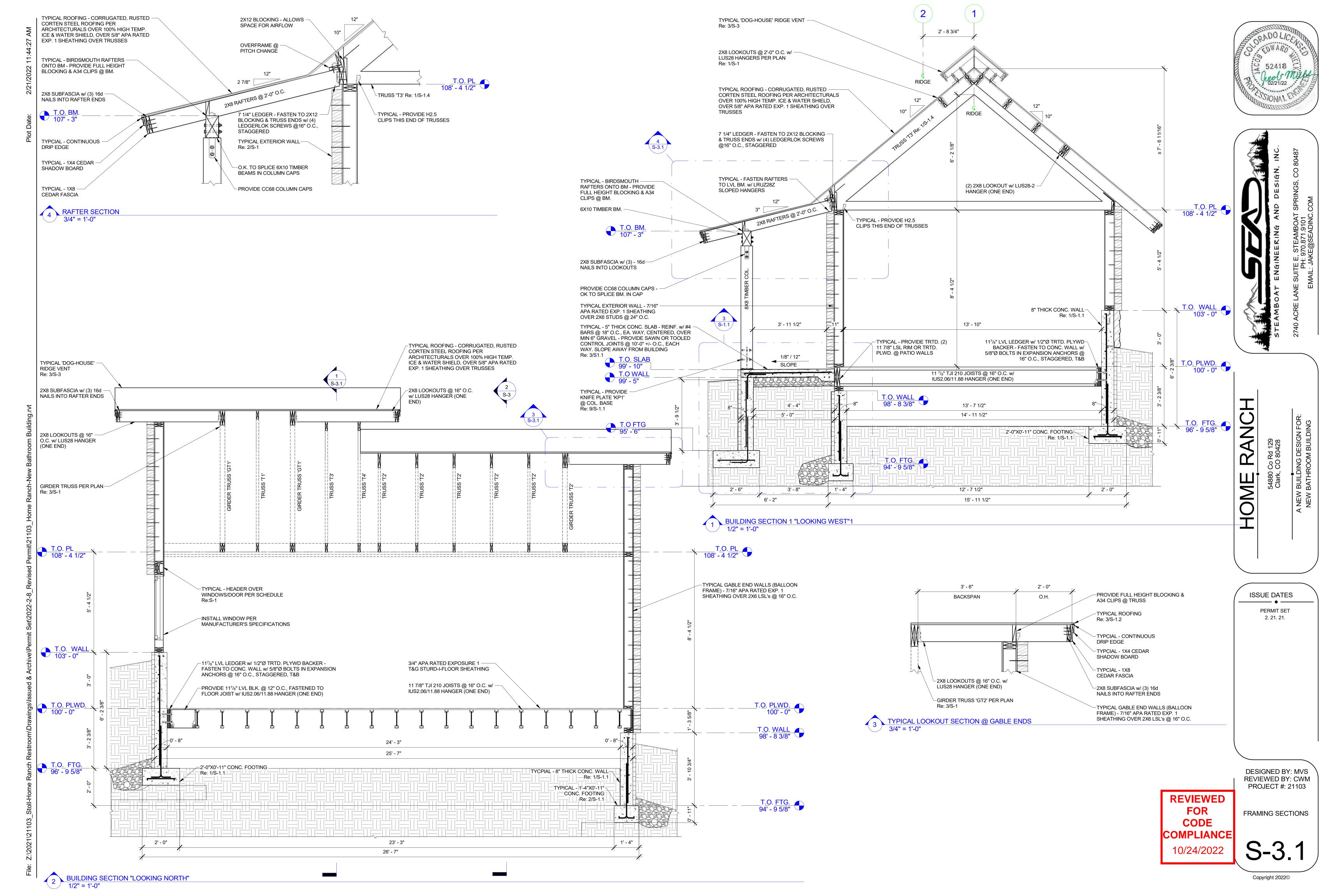
FOR

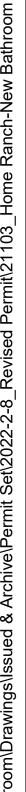
CODE

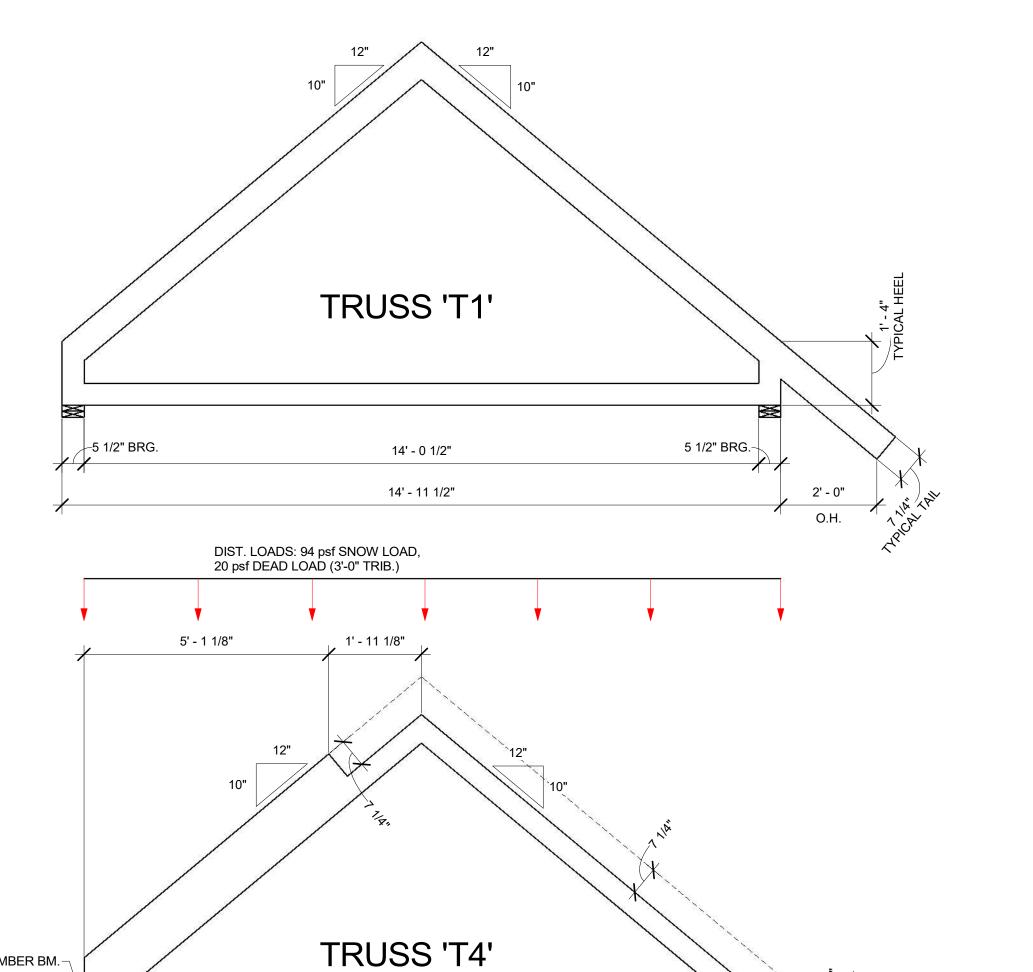
COMPLIANCE

10/24/2022

SCALE: 3/4" = 1'-0"





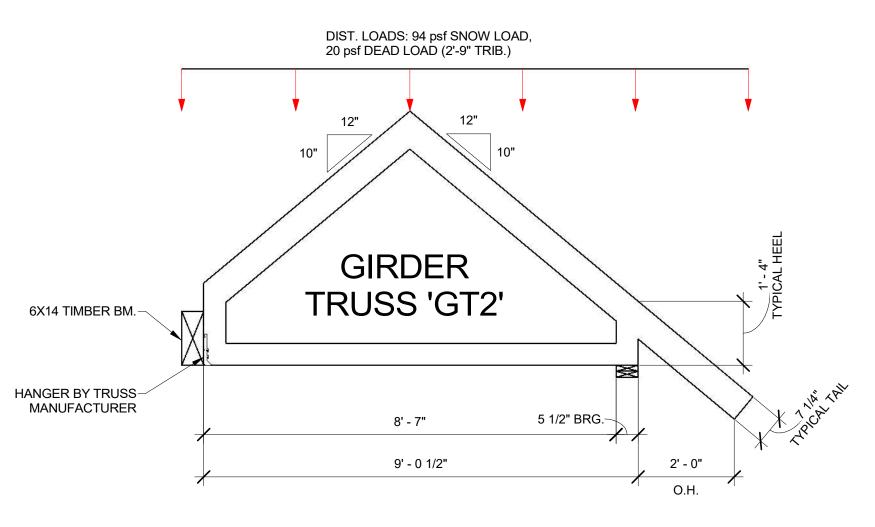


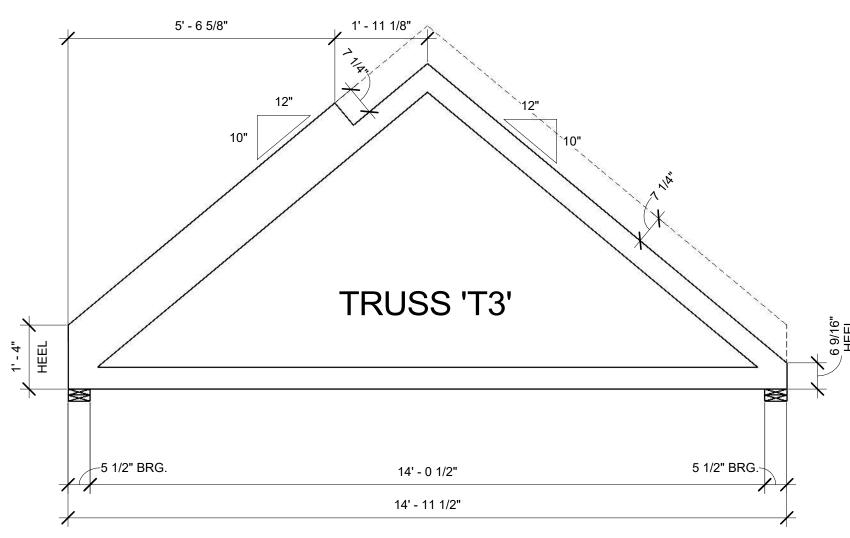
14' - 0 1/2"

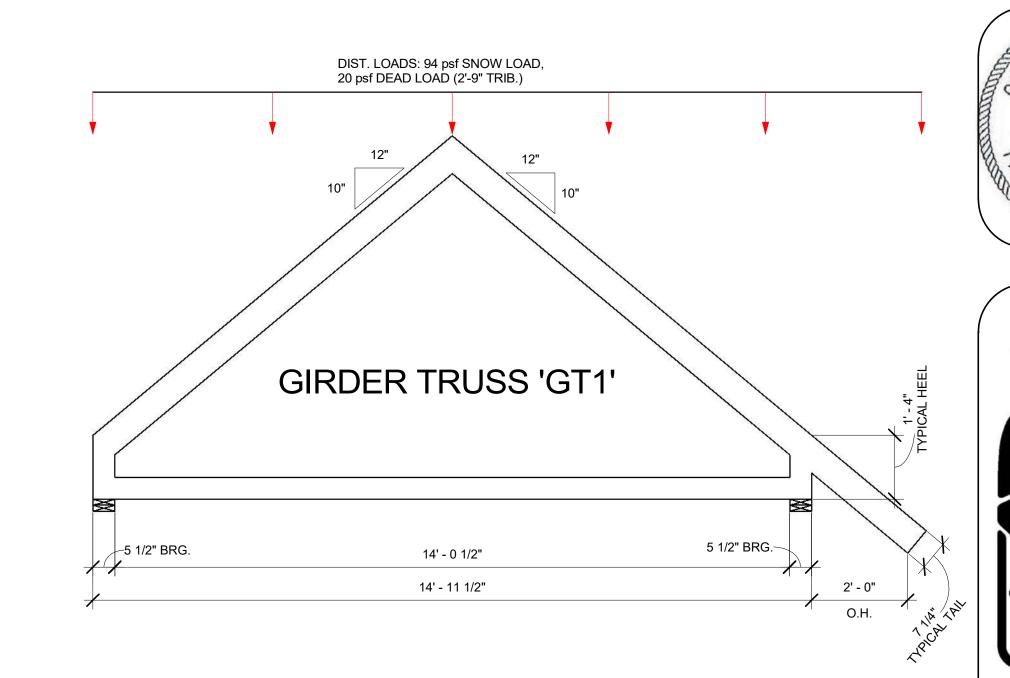
14' - 6"

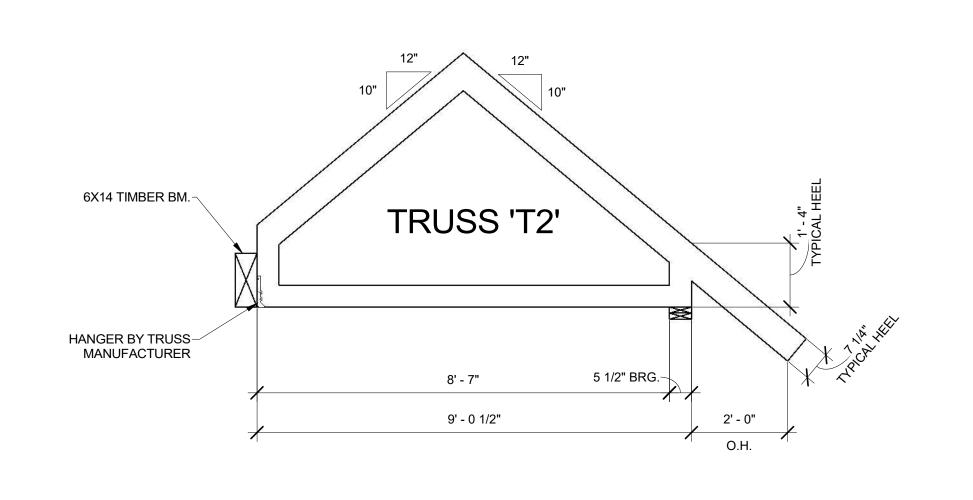
1/2" = 1'-0" NOTE: TRUSSES SHALL BE SIZED FOR 94 psf ROOF SNOW LOAD AND 20 psf DEAD LOAD, PLUS APPLIED LOADS AS INDICATED. 'SL' = SNOW LOAD, 'LL' = LIVE LOAD, 'DL' = DEAD LOAD, 'K' = KIPS = 1,000 lbs. Re: 3/S-1 FOR LAYOUT.

5 1/2" BRG.—









HOME RANCH

54880 Co Rd 129

Clark, CO 80428

ISSUE DATES

PERMIT SET 2. 21. 21.

REVIEWED FOR CODE COMPLIANCE

DESIGNED BY: MVS REVIEWED BY: CWM PROJECT #: 21103

MANUFACTURED TRUSS SCHEMATICS

S-3.2

Copyright 2022©