

PROJECT INFORMATION:

PROJECT ADDRESS:

4086 WEST 3675 NORTH
 OGDEN, UTAH, 84404

BUILDING INFORMATION:

PLAN: BAMBROUGH GARAGE

SQUARE FOOTAGES:

GARAGE 2320 SF

TOTAL SITE AREA:

TOTAL SITE AREA USED:

SHEET INDEX:

1	FRONT AND REAR ELEVATIONS
2	SIDE ELEVATIONS
3	FOOTINGS AND FOUNDATIONS
4	MAIN LEVEL WALL FRAMING
5	MAIN LEVEL FLOOR PLAN
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7	SECTION / DETAILS
N-1	IRC NOTES
S-1	ENGINEERING NOTES / DETAILS
S-2	ENGINEERING NOTES / DETAILS
S-3	ENGINEERING NOTES / DETAILS

DESIGNER:



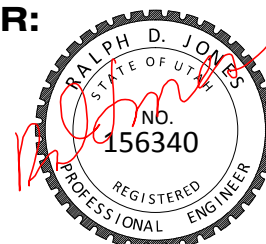
**UNDERGROUND
 PLANNING**
 UndergroundPlanning.com
 801.643.8731

OGDEN, UTAH
 CONTACT: 801.643.8731

CONSULTING ENGINEER:

S.D.A., INC. P.C.

LAYTON, UTAH
 CONTACT: 801.776.6510



02/24/2021

GENERAL CONTRACTOR / OWNER:

KADE BAMBROUGH

WEST WEBER, UTAH
 CONTACT: 801.000.0000

REVISION:

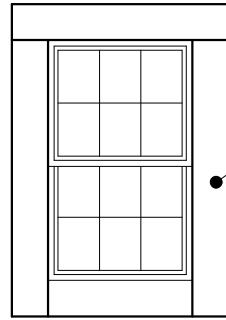
FOR CONSTRUCTION

REVISION DATE:

02.24.2021

THESE PLANS ARE ISSUED FOR THE CONSTRUCTION OF ONE BUILDING LISTED IN THE PROJECT AREA ON EACH SHEET. PLEASE REPORT UNAUTHORIZED USE.

WINDOW / DOOR FLASHING NOTES:



9" FLASHING MATERIAL AND CAULKING AS REQUIRED (4) SIDES

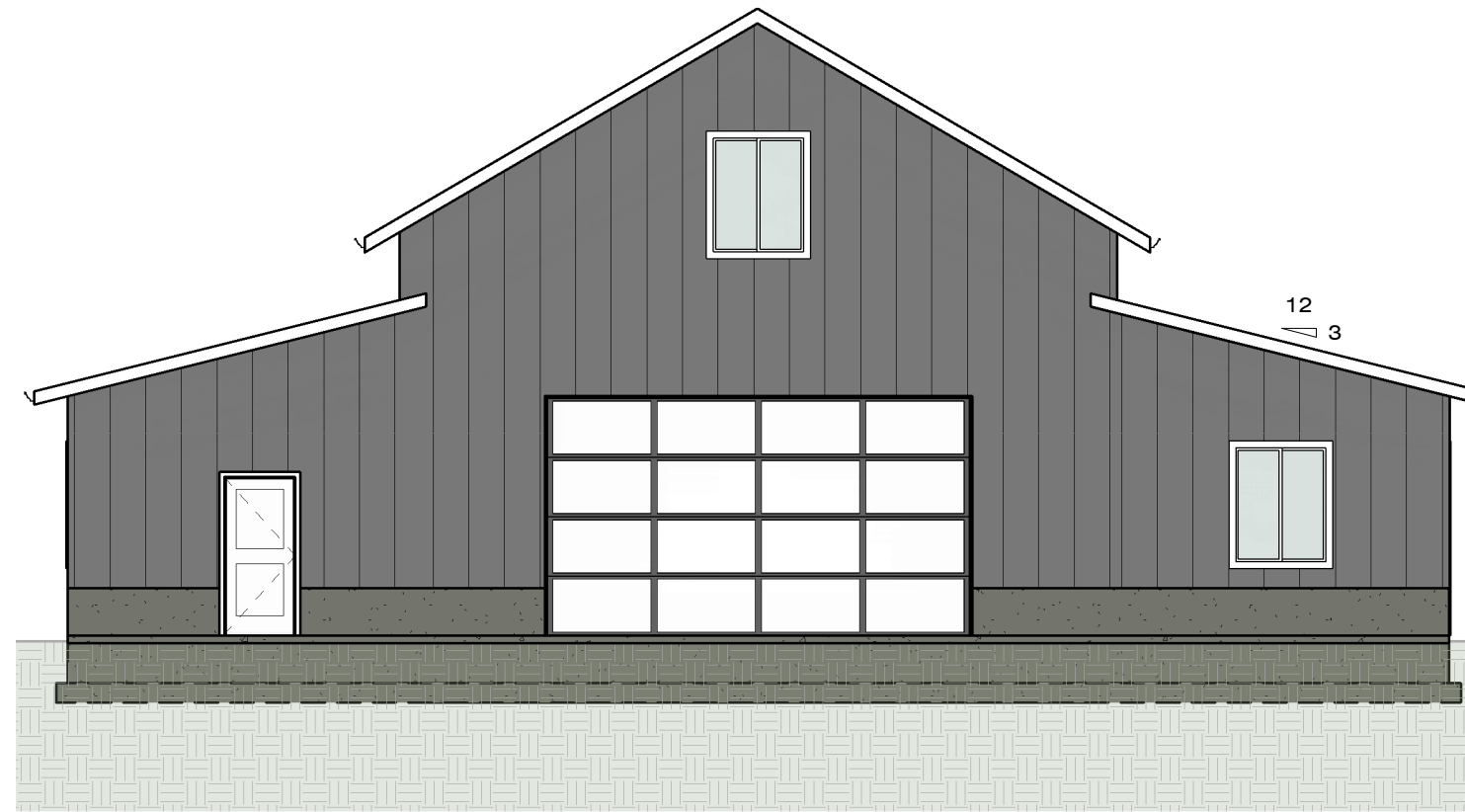
9" FLASHING REQUIRED AT ALL EXTERIOR WINDOW AND DOOR OPENINGS

PROVIDE CORROSION RESISTANT METAL "L" FLASHING OVER ALL EXTERIOR OPENINGS (INCLUDING GARAGES) WITHOUT NAILING FINNS OR FLANGES.

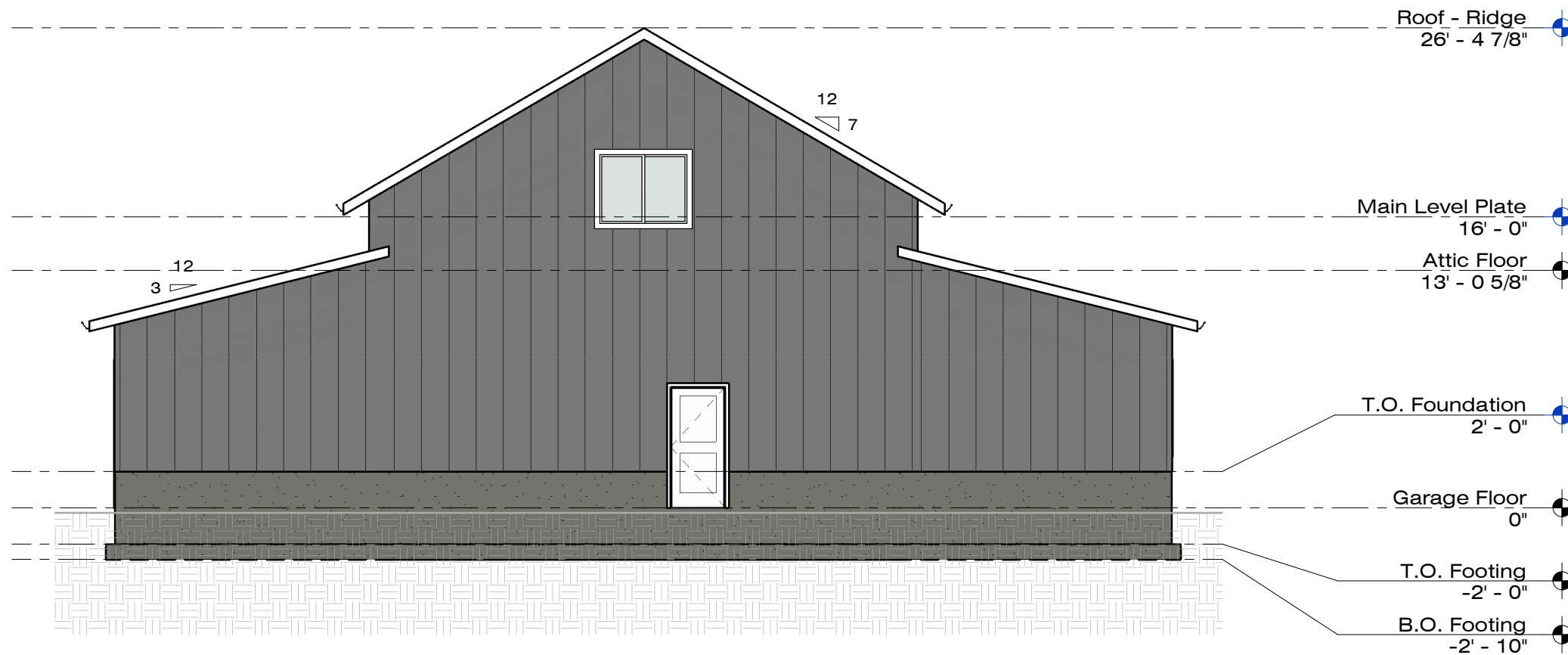
PROVIDE CORROSION RESISTANT FLASHING EXTENDING A MINIMUM OF 3 COURSES W/ 3/16" WEEP HOLES EVERY 32" O.C. @ ALL BRICK OR STONE VENEER INSTALLATIONS. FLASHING MUST EXTEND 1/2" BEYOND AND BELOW TOP OF FOUNDATION.

PROVIDE CORROSION RESISTANT FLASHING BETWEEN STUCCO AND MASONRY OR SIMILAR WAINSCOT WALL MATERIALS WHERE CONTINUOUS WEATHER BARRIER AND DRAINAGE HOLES CANNOT BE DETERMINED.

CAULK AND FLASHING REQUIRED HORIZONTALLY AND VERTICALLY @ ALL JOINTS, SEAMS AND INTERSECTIONS OF DIS-SIMILAR MATERIAL INTERFACES.



A FRONT ELEVATION
1/8" = 1'-0"



B REAR ELEVATION
1/8" = 1'-0"

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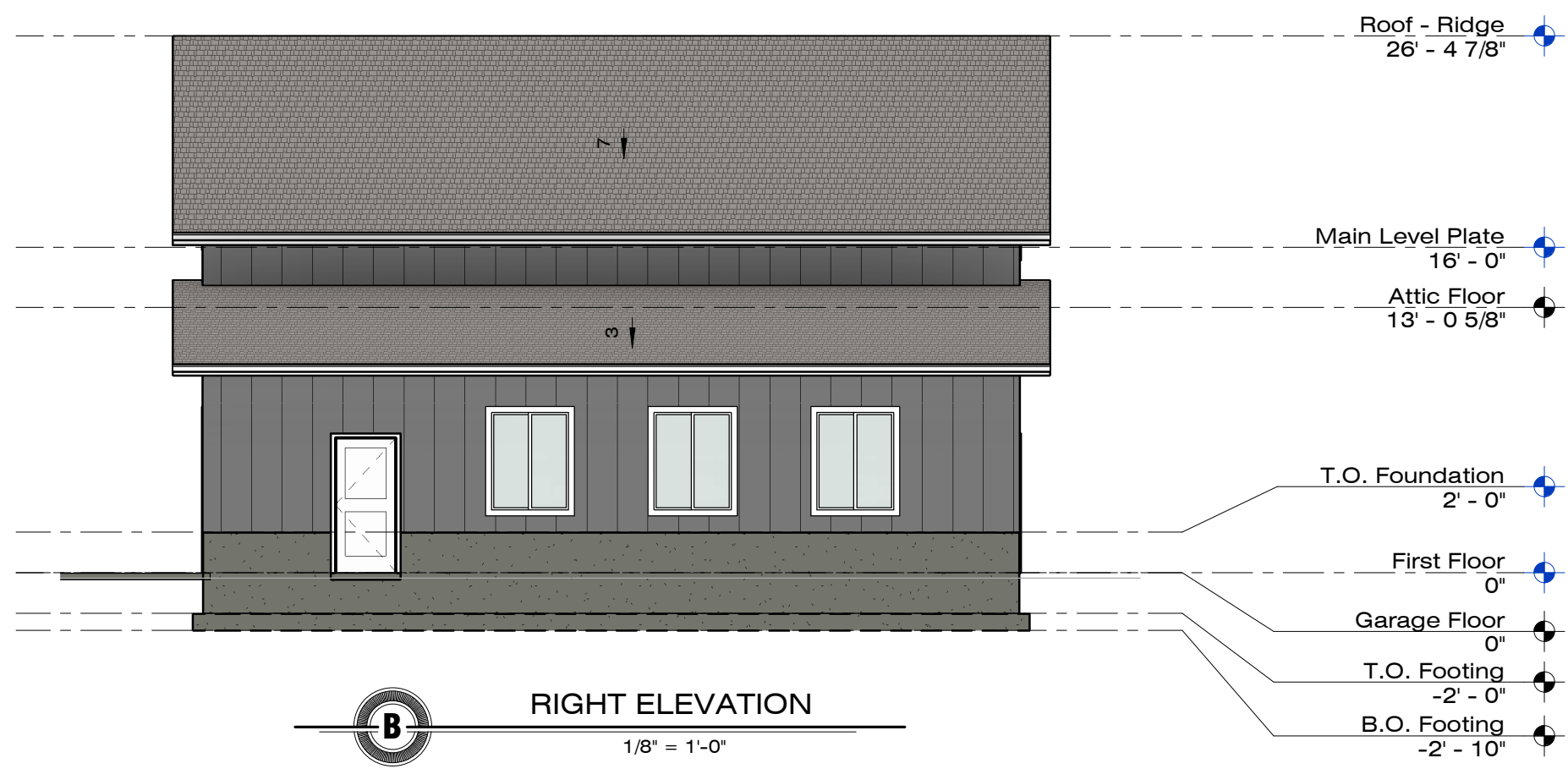
1

SHEET: FRONT AND REAR ELEVATIONS

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



A LEFT ELEVATION
1/8" = 1'-0"



B RIGHT ELEVATION
1/8" = 1'-0"

PLAN: BAMBOUGH GARAGE	DATE: 02.24.2021	STATUS: FOR CONSTRUCTION
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PROJECT: 4086 WEST 3675 NORTH OGDEN, UTAH, 84404	CLIENT: KADE BAMBOUGH
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FOOTING AND FOUNDATION NOTES:

8" CONCRETE FOUNDATION WALLS W/ HEIGHT AS NOTED (TYP.)

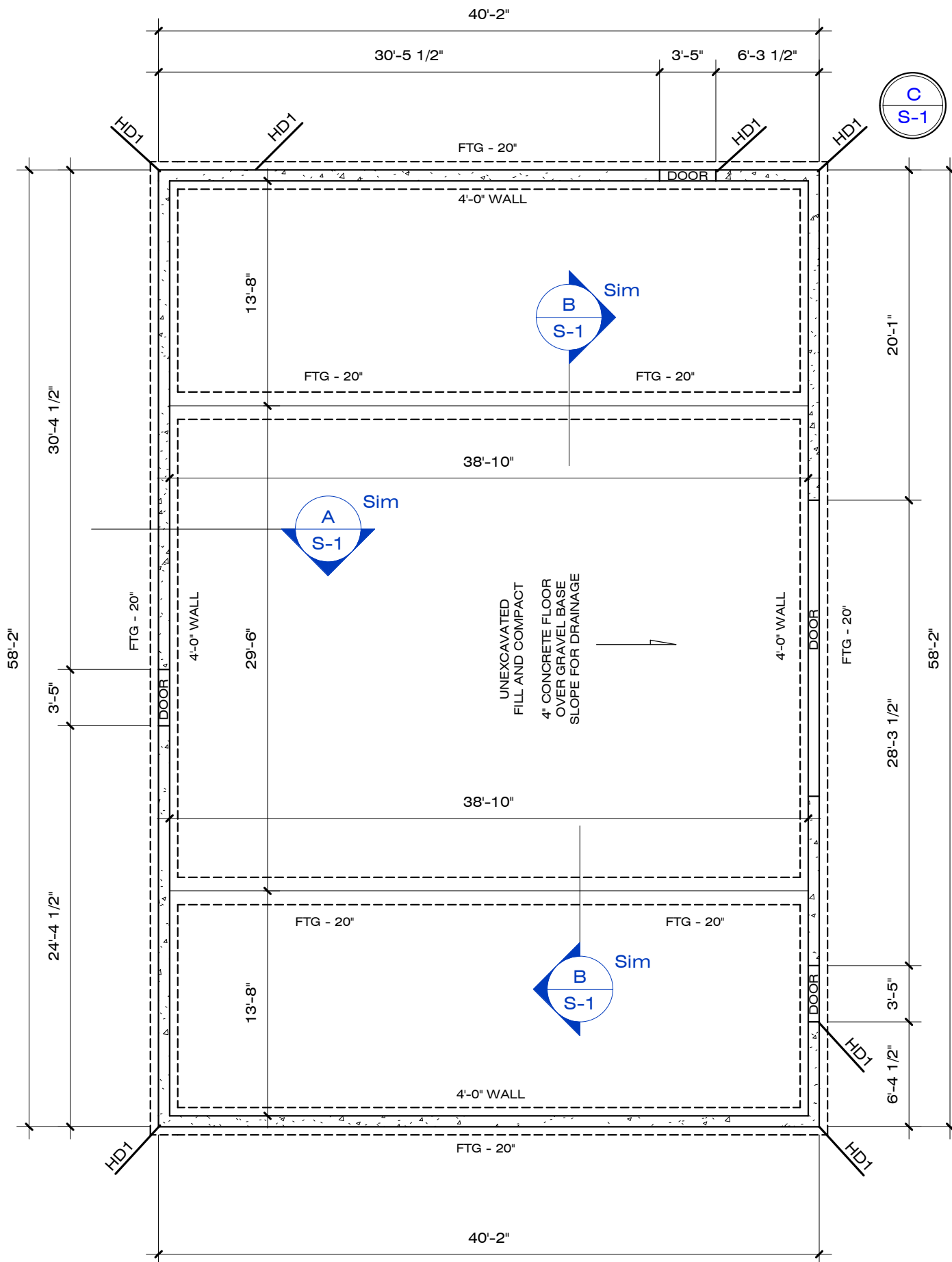
HOLD DOWN STRAP DIMENSIONS WHEN GIVEN ARE MEASURED TO THE CENTER OF THE STRAP

SEE ENGINEERING SHEETS S-0, S-1, S-2, AND S-3 FOR SPECIFIC FOOTING AND FOUNDATION DETAILS, SCHEDULES, AND ENGINEERING REQUIREMENTS

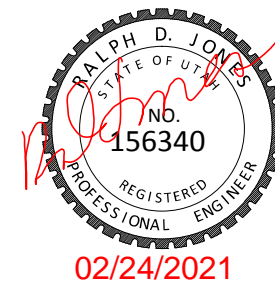
ENSURE 30" MINIMUM (OR LOCALLY DEEPER) FROST COVERAGE TO BOTTOM OF FOOTING PER IRC AND LOCAL CODES

APPLY APPROVED WATERPROOFING SYSTEM ON FOUNDATION WALLS PRIOR TO BACKFILLING

CONCRETE ENCASED ELECTRODE (UFER GROUND) REQUIRED



FOOTING-FOUNDATION PLAN
1/8" = 1'-0"



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SHEET: FOOTINGS AND FOUNDATIONS

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

MAIN LEVEL FRAMING NOTES:

- 2X6 EXTERIOR WALLS (TYP.)
- 2X6 BEARING AND PLUMBING WALLS AS INDICATED
- 2X4 PARTITION WALLS
- SEE FLOOR AND ROOF FRAMING SHEETS FOR BEAM SIZES
- SEE ENGINEERING SHEETS S-0, S-1, S-2, AND S-3 FOR ENGINEER'S NOTES, DETAILS AND SCHEDULES

NO GALVANIZED FASTENERS OR CONNECTION HARDWARE PERMITTED WITH PRESSURE TREATED LUMBER PRODUCTS

ROUGH OPENING NOTES:

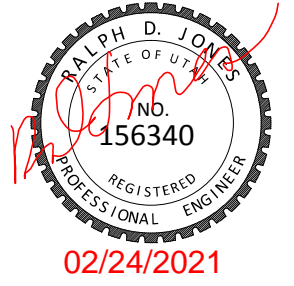
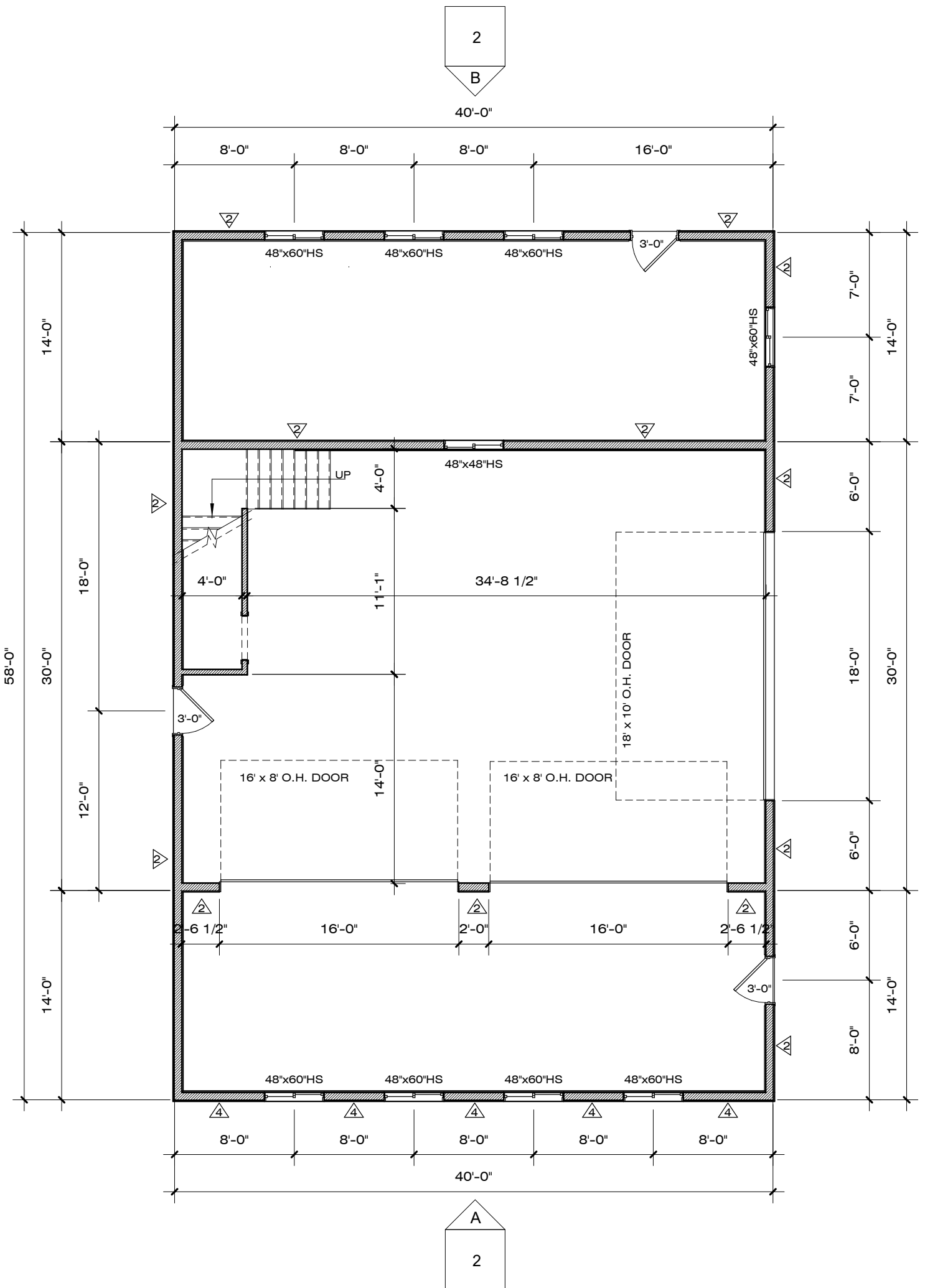
DOOR TYPE	ROUGH OPENING
4' DOUBLE	51-1/2" X 82-1/2"
5' DOUBLE / ATRIUM	63-1/2" X 82-1/2"
6' DOUBLE / ATRIUM	75-1/2" X 82-1/2"
INTERIOR OPENINGS	2" OVER WIDTH X 83"

WINDOW TYPE NOTES:

ALL SLIDER AND SINGLE HUNG WINDOWS ARE ASSUMED TO OPEN 50% UNLESS NOTED OTHERWISE

TYPE KEY:
 SH= SINGLE HUNG HS= HORIZONTAL SLIDER
 C= CASEMENT DV= DOUBLE VENT

A MAIN LEVEL WALL FRAMING
 1/8" = 1'-0"



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SHEET: MAIN LEVEL WALL FRAMING
 SCALE: 1/8" = 1'-0"

ELECTRICAL SYMBOL LEGEND:

	CEILING MOUNTED FIXTURE
	WALL MOUNTED FIXTURE
	CAN LIGHT
	FLOOD LIGHT
	WALL MOUNTED VANITY FIXTURE
	EXHAUST FAN (50 C.F.M. MIN.)
	SMOKE DETECTOR-WIRE TOGETHER
	SMOKE / CARBON MONOXIDE
	COMMON SWITCH
	COMMON 120V (110) OUTLET
	GROUND FAULT TYPE OUTLET
	WATERPROOF GFI OUTLET
	240V (220) OUTLET
	SWITCHED EAVE OUTLET
	CEILING MOUNTED OUTLET
	CABLE / SATELLITE TELEVISION
	PHONE / COMMUNICATIONS
	CEILING FAN AND LIGHT

ELECTRICAL-GFI/ARC FAULT NOTES:

ALL 120 VOLT, SINGLE-PHASE, 15 AND 20 AMPERE RECEPTACLES SHALL HAVE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL INSTALLED IN THE FOLLOWING LOCATIONS: BATHROOMS, GARAGES, OUTDOORS, CRAWL SPACES, UNFINISHED BASEMENTS, KITCHENS, AND BAR AREAS. IRC SECTION E3802

ALL BRANCH CIRCUITS THAT SUPPLY 120 VOLT, SINGLE-PHASE, 15 AND 20 AMPERE OUTLETS INSTALLED IN DWELLING UNIT BEDROOMS SHALL BE PROTECTED BY AN ARC-FAULT INTERRUPTER TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT. IRC SECTION E3802.12 AND NEC 210.12

ALL 120 VOLT 15 AND 20 AMPERE RECEPTACLES WILL BE OF TAMPER RESISTANT TYPE.

EXTERIOR RECEPTACLES (WPGFI) TO BE WEATHER PROTECTED WITH APPROVED WATERPROOF EXTERIOR 'BUBBLE COVER'.

PLUMBING NOTES:

WATER HEATERS MUST HAVE INTERNAL HEAT/CHECK VALVES OR BE PROVIDED WITH EXTERNAL VALVES AT INLET AND OUTLET.

A STEEL PAN HAVING A MIN. THICKNESS OF 24 GA. OR OTHER PANS APPROVED FOR SUCH USE ARE REQUIRED AT WATER HEATER LOCATIONS. IRC P2108.5

WATER HEATERS MUST HAVE (2) SEISMIC STRAPS, (1) IN THE UPPER THIRD, AND (1) IN THE LOWER THIRD - PLUMBERS TAPE IS NOT ALLOWED. IRC M1307.2

PROPERLY ADJUSTED EXPANSION TANK REQUIRED ON SUPPLY LINE TO ALL WATER HEATERS. IRC P2903.4

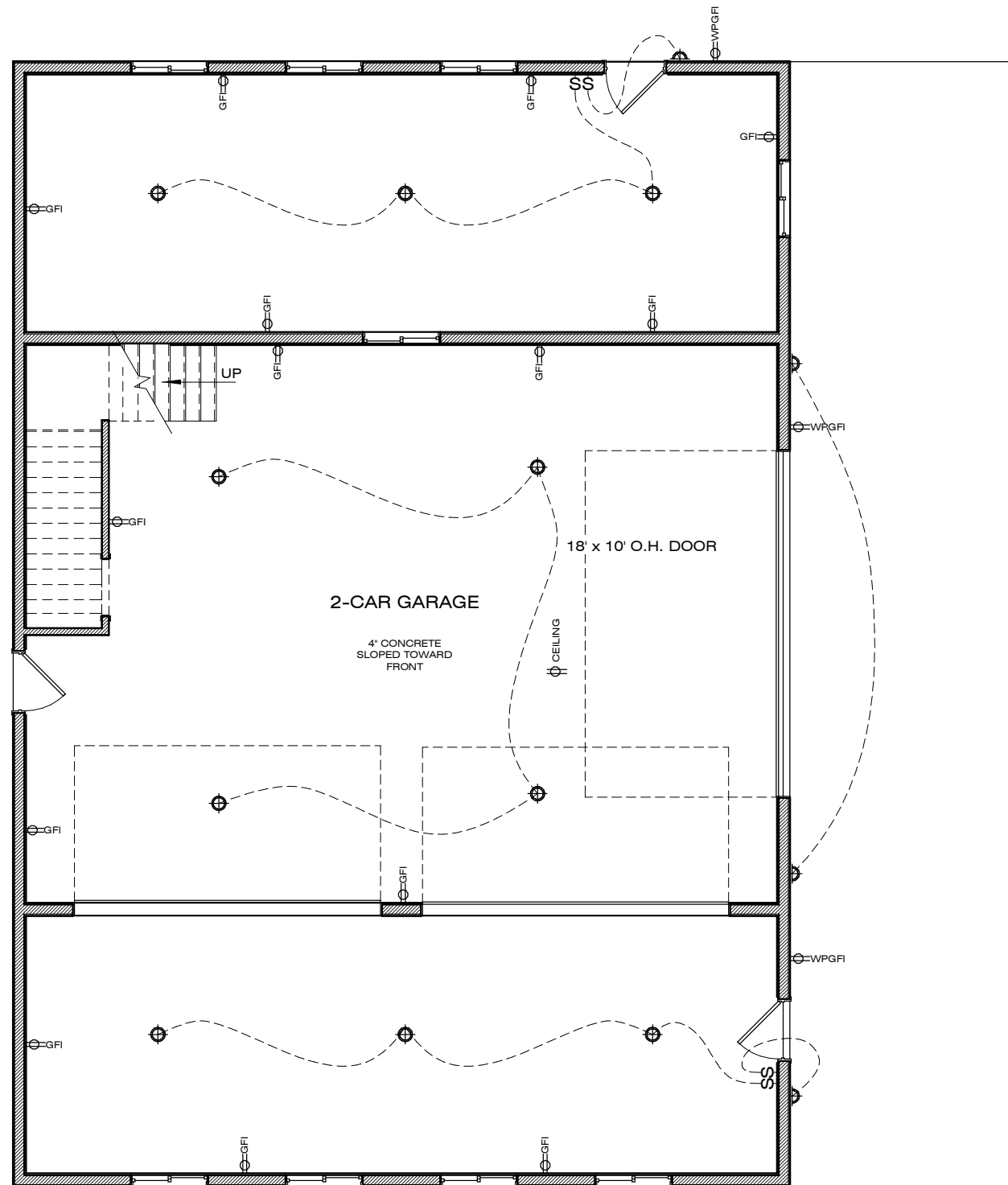
SHOWER PAN LINERS W/SOLID BLOCKING BEHIND MUST EXTEND 3" ABOVE TOP OF SHOWER DOOR THRESHOLD.

PUMP ACCESS PANELS REQUIRED AT ALL JETTED TUB LOCATIONS WITH MINIMUM 12"x12" OPENING IF LESS THAN 2' FROM ACCESS, 18"x18" IF GREATER THAN 2'.

JETTED BATHTUBS REQUIRED TO HAVE TEMPERATURE LIMITING (120 DEGREE) MIXING VALVE.

EMERGENCY FLOOR DRAINS AT WATER HEATERS, LAUNDRIES, GARAGES, ETC.. REQUIRE A TRAP SEAL PRIMER OR DEEP SEAL TRAP. IRC SECTION 3201.S EXP.

FIXTURES THAT HAVE FLOOD LEVEL RIMS LOCATED BELOW THE ELEVATION OF THE NEXT UPSTREAM MANHOLE COVER OF THE PUBLIC SEWER SERVING SUCH FIXTURES SHALL BE PROTECTED FROM BACK FLOW OF SEWAGE BY INSTALLING AN APPROVED BACKWATER VALVE. FIXTURES ABOVE THIS ELEVATION SHALL NOT DISCHARGE THROUGH THE BACKWATER VALVE. ACCESS REQUIRED. IRC SECTION P3008.1



A MAIN LEVEL FLOOR PLAN
1/8" = 1'-0"

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SHEET: MAIN LEVEL FLOOR PLAN

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

ROOF BEAM SCHEDULE		
DEAD LOAD = 15 PSF		LIVE LOAD = 30 PSF
MARK	BEAM SIZE	GRADE
RB-1	(2) 2X10	DF - #2 OR BTR.
RB-2	(2) 2X10	DF - #2 OR BTR.
RB-3	(2) 2X10	1.9E, 2600 Fb, LVL
RB-4	(3) 1-3/4"X16"	DF - #2 OR BTR.
RB-5	(2) 1-3/4"X11-7/8"	1.9E, 2600 Fb, LVL

DEEPER, WIDER, OR BETTER GRADES OF LUMBER MAY BE SUBSTITUTED. OTHER SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER.

SUBSTITUTION OF LVL'S FOR LSL'S IS PERMITTED

SUBSTITUTION OF LVL'S FOR PSL'S IS NOT PERMITTED.

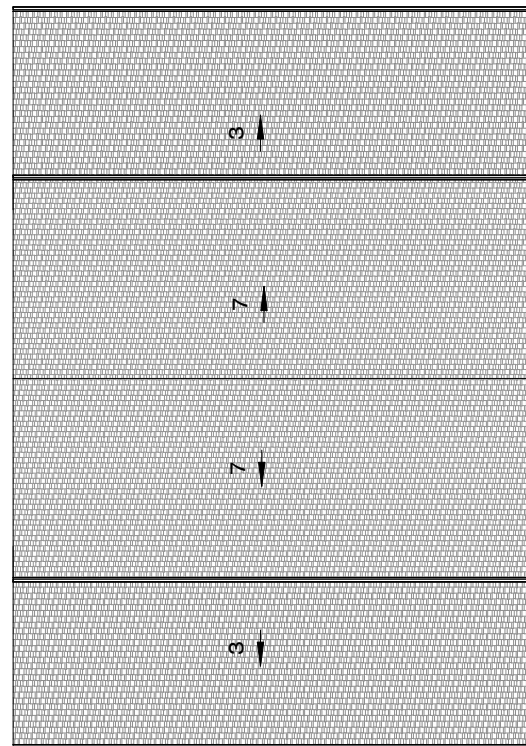
ROOF FRAMING NOTES:

ROOF PITCHES AS INDICATED

PROVIDE 22"X30" MINIMUM ATTIC ACCESS

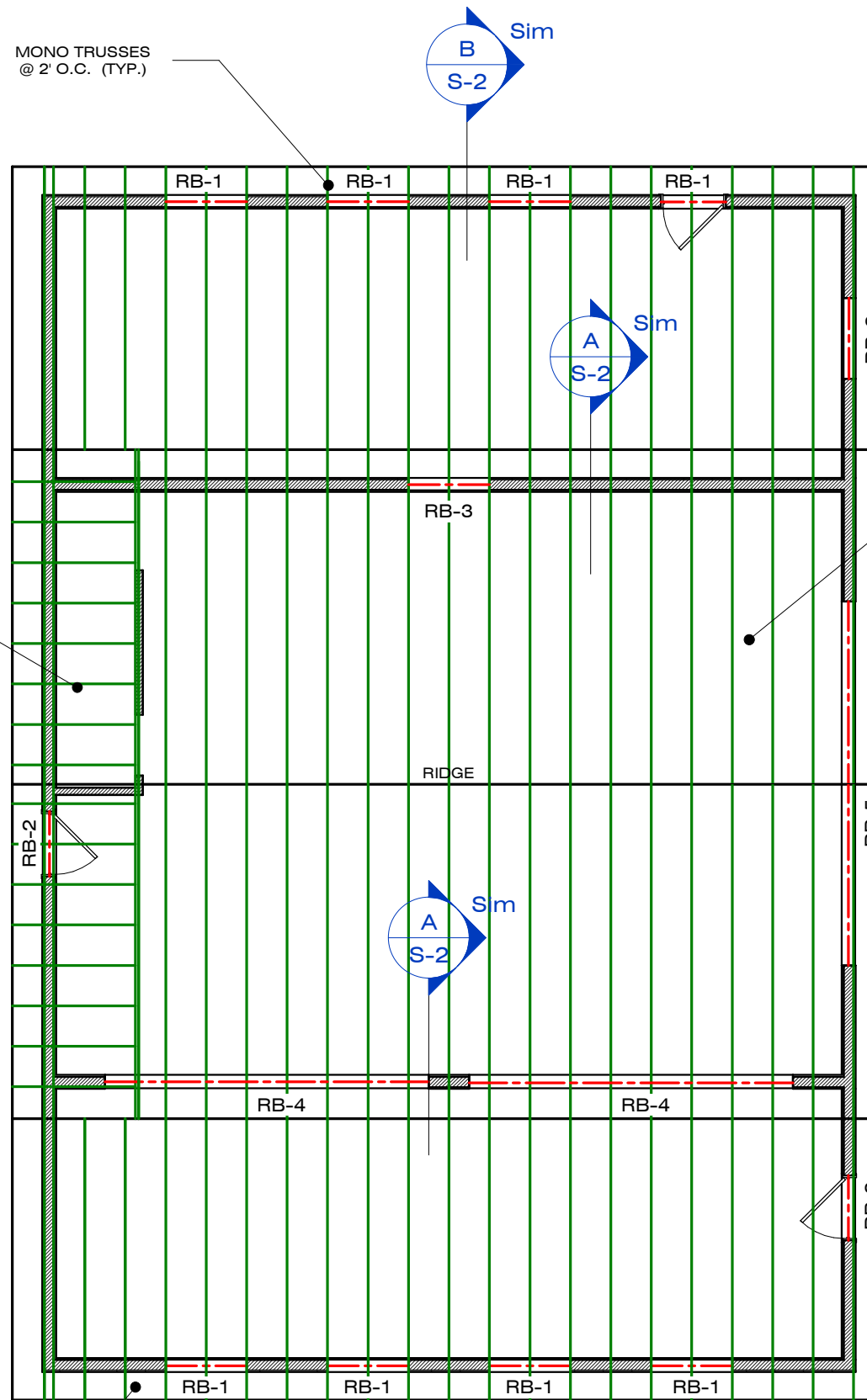
ALL HEADERS NOT SPECIFICALLY LABELED SHALL BE (2) 2X10 DF #2 OR BETTER (TYP.)

SEE ENGINEERING SHEETS S-0, S-1, S-2, AND S-3 FOR ENGINEER'S NOTES, DETAILS AND SCHEDULES



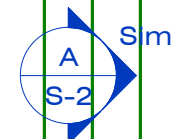
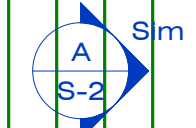
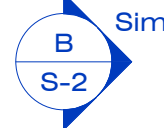
SCHEMATIC ROOF PLAN

1/16" = 1'-0"



2X6 LADDER FRAMING @ 2' O.C. @ STAIRWELL

ATTIC STYLE TRUSS SYSTEM

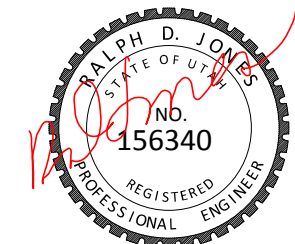


MONO TRUSSES @ 2' O.C. (TYP.)



ROOF FRAMING

1/8" = 1'-0"



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SHEET: ROOF PLANS

SCALE: As indicated

STAIR NOTES:

MINIMUM FINISHED STAIRWAY WIDTH - 36"

MAXIMUM RISER HEIGHT - 8"

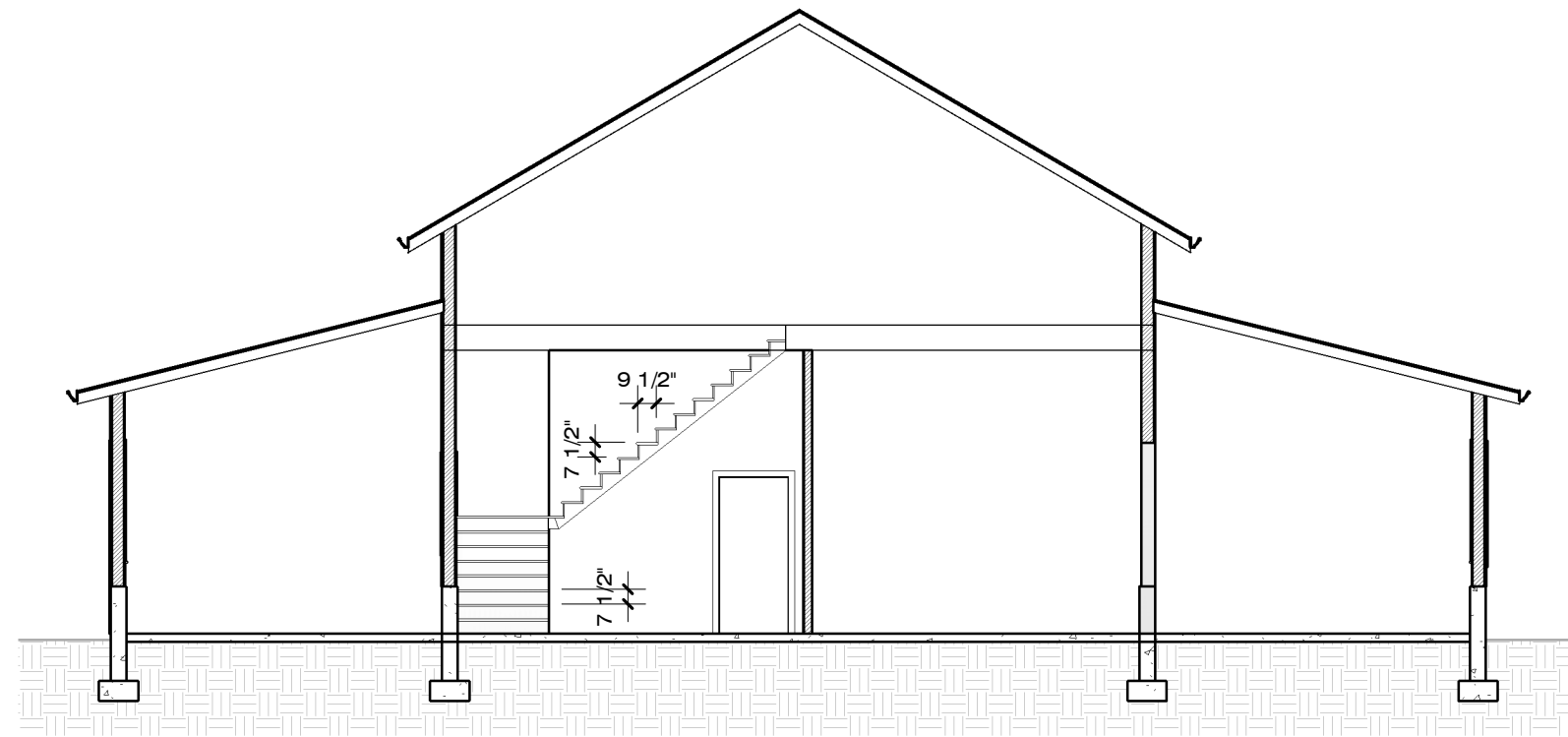
MINIMUM TREAD DEPTH - 9"

MINIMUM HEADROOM CLEARANCE - 6'-8"

HANDRAIL TO BE 1-1/4" TO 2-5/8" GRIPABLE RAIL @ 36" MAX OF TANGENT LINE OF STAIR NOSING IRC R314.1

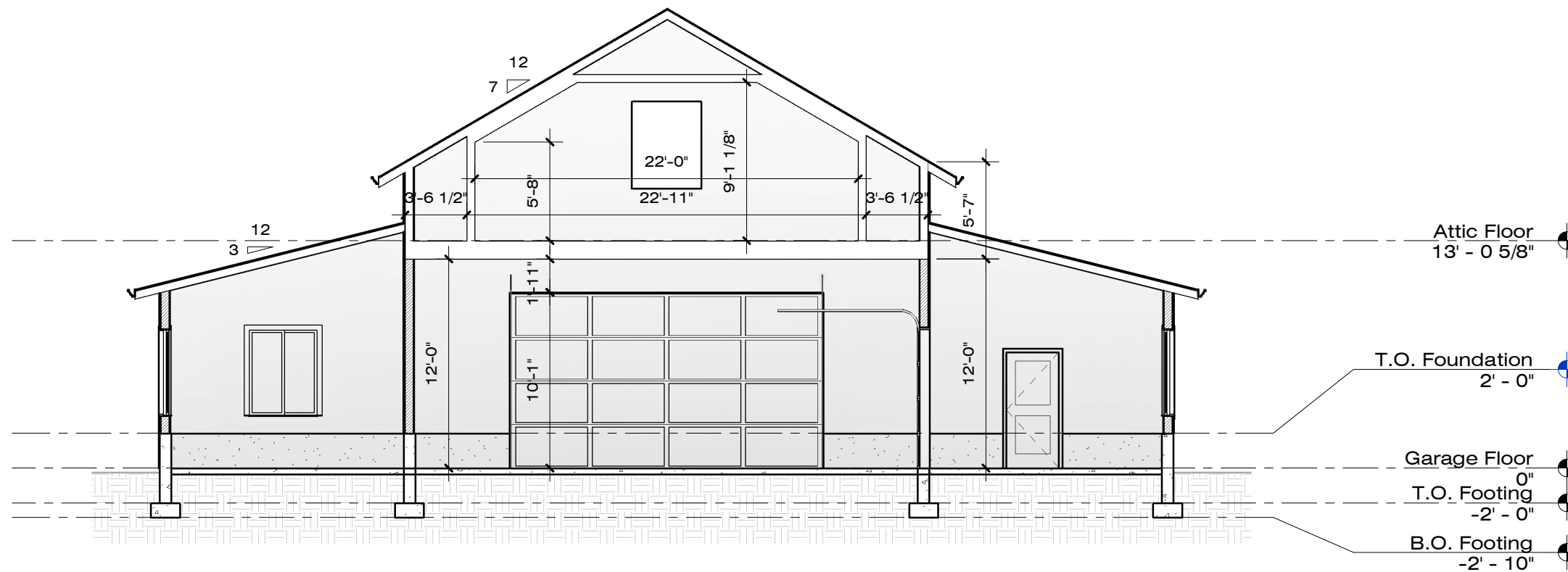
36" GUARDRAIL REQUIRED ON ANY LANDING, STAIRWAY, PORCH, DECK, ETC.. WHICH ARE MORE THAN 30" ABOVE GRADE OR FINISHED FLOOR IRC R316.1

STAIRWAYS WITH 2 OR MORE RISERS REQUIRE HANDRAIL PLACED BETWEEN 34"-38" ABOVE STAIR NOSING IRC R315



TRANSVERSE-STAIR

1/8" = 1'-0"



TRANSVERSE

1/8" = 1'-0"



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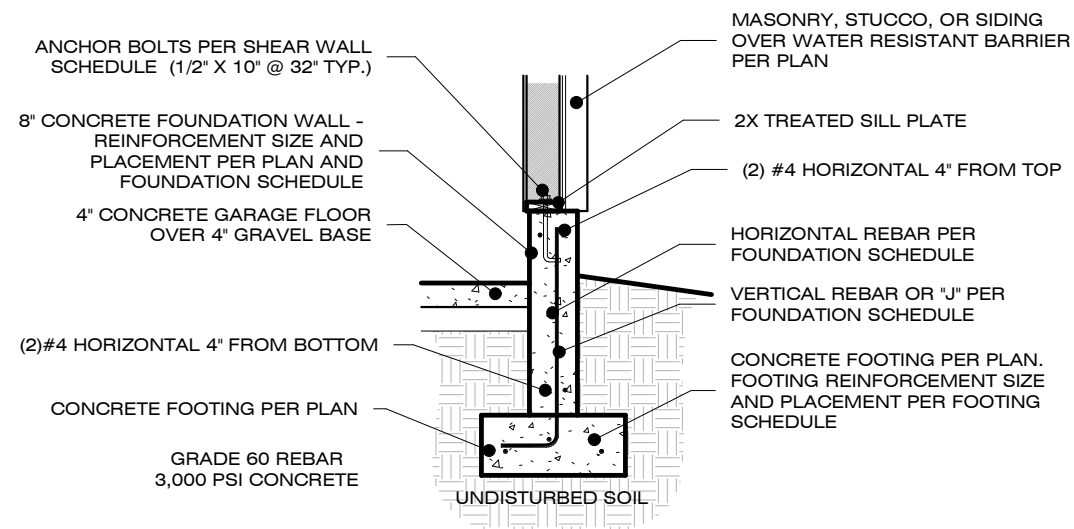
PROJECT: 4086 WEST 3675 NORTH
OGDEN, UTAH, 84404

CLIENT: KADE BAMBROUGH

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SHEET: SECTION / DETAILS

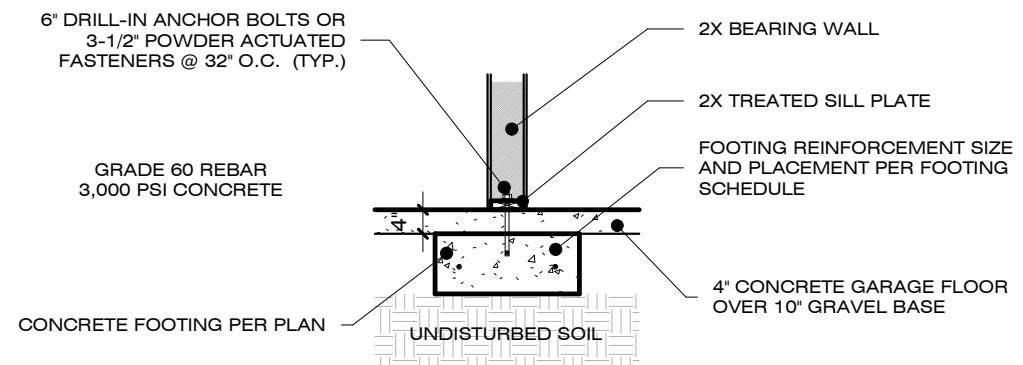
SCALE: 1/8" = 1'-0"



TYPICAL GARAGE FOUNDATION



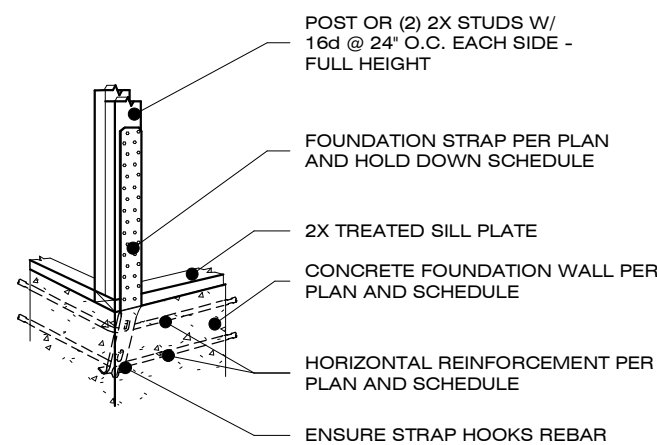
3/8" = 1'-0"



TYPICAL INTERIOR FOOTING



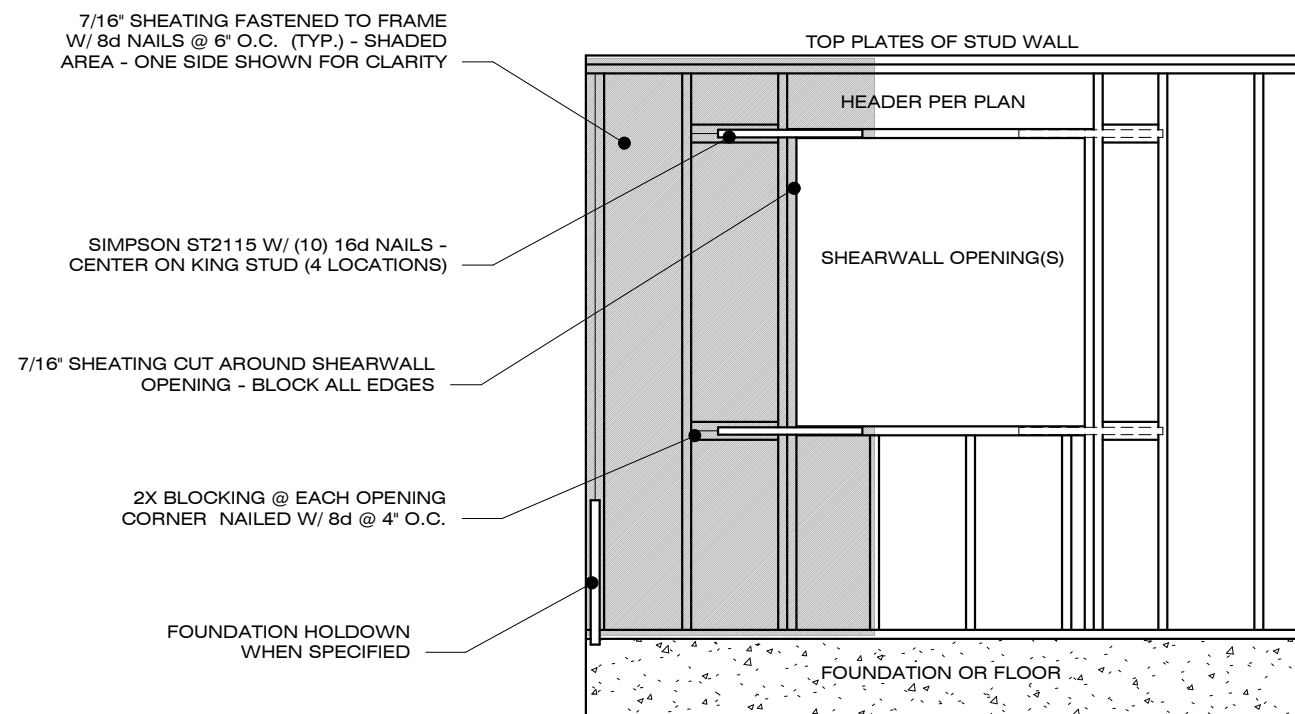
3/8" = 1'-0"



HD-1 HOLDOWN DETAIL



3/8" = 1'-0"

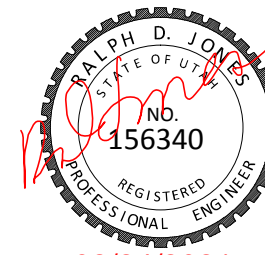


SHEARWALL OPENING



3/8" = 1'-0"

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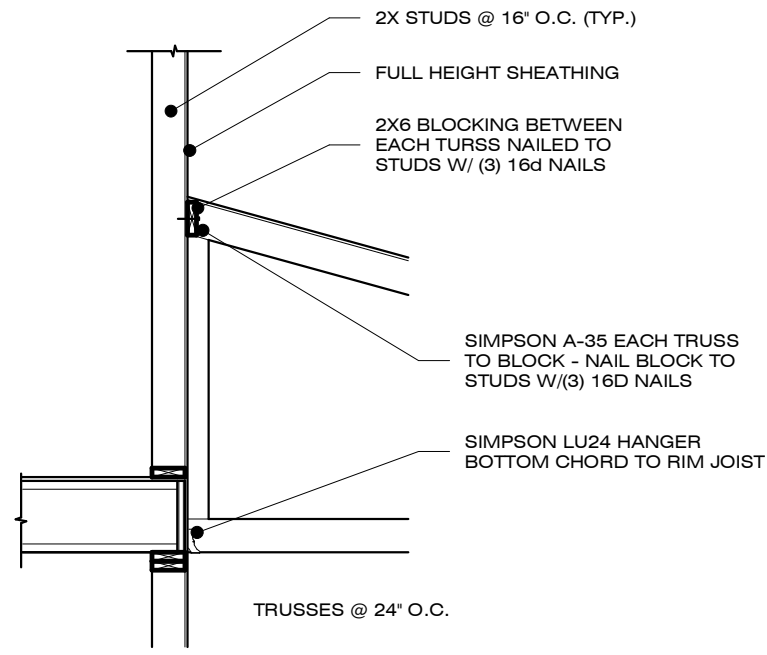
GOVERNING CODES
2018 IBC / IRC

SCALE:
3/8" = 1'-0"

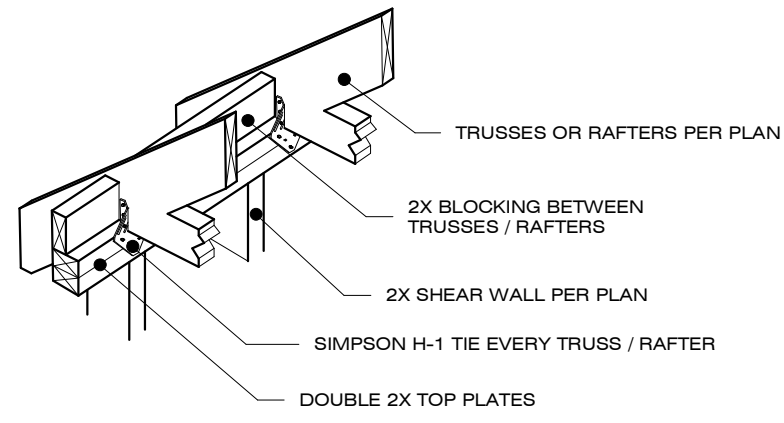
DATE:
02.24.2021

ENGINEERING
NOTES / DETAILS

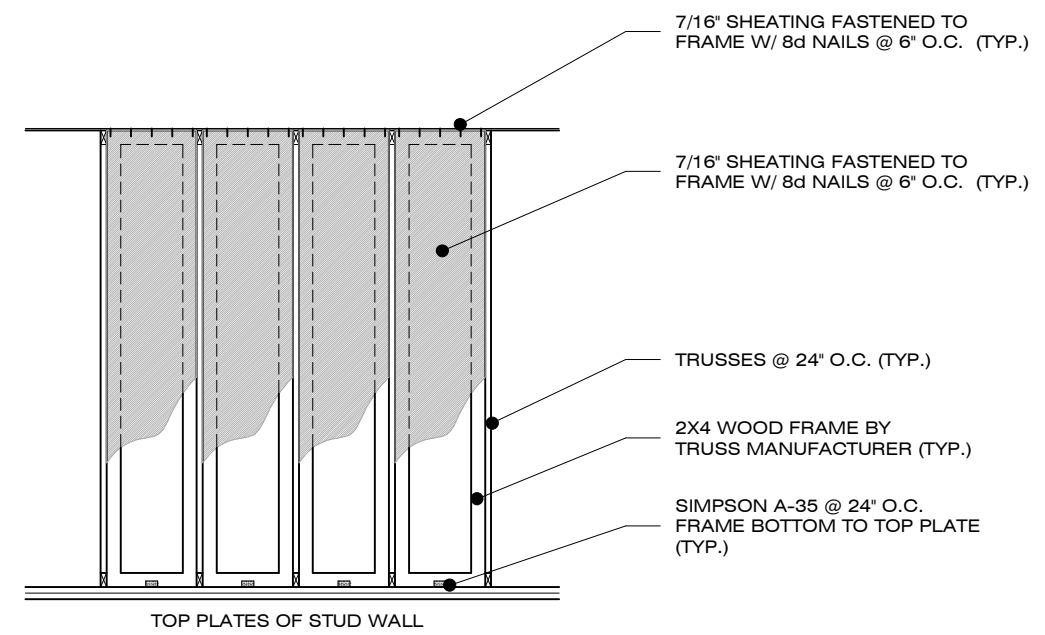
S-1



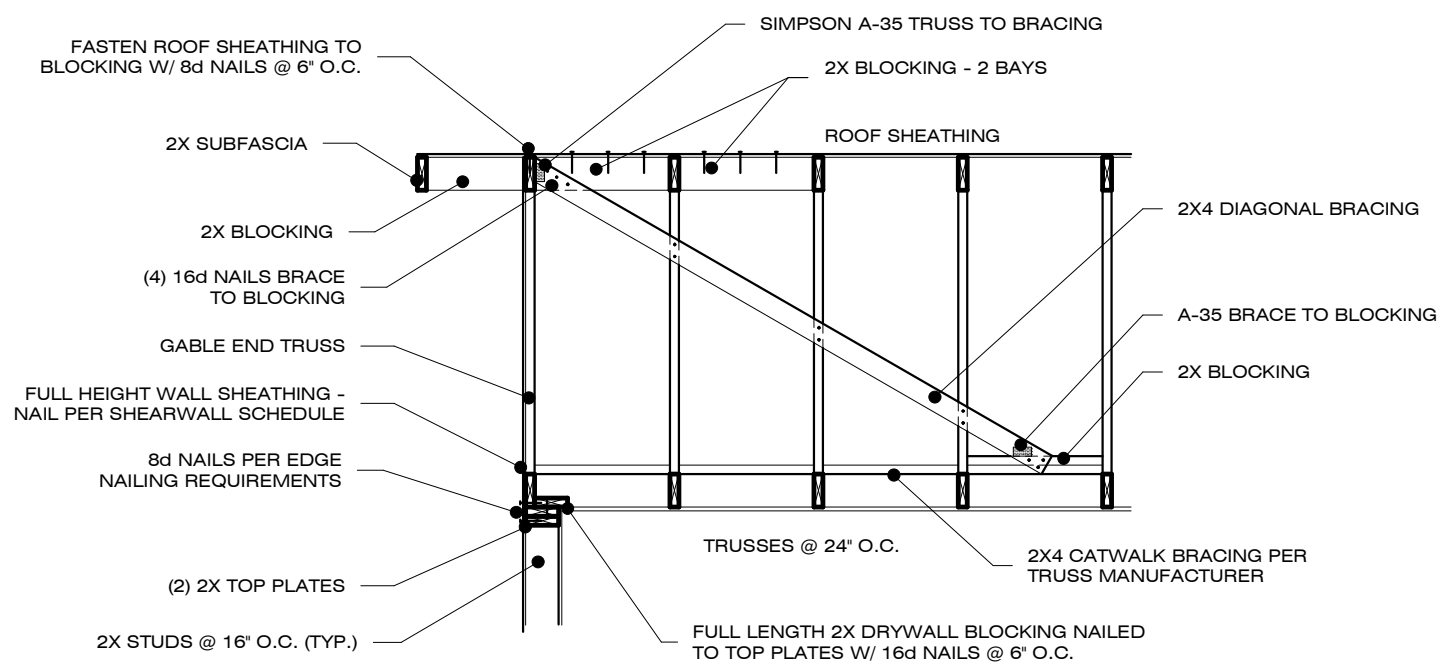
A TRUSS TO WALL-MONO
3/8" = 1'-0"



B TRUSS BLOCKING-H1
3/8" = 1'-0"

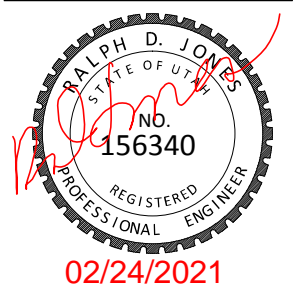


C TRUSS BLOCKING
1/4" = 1'-0"



D GABLE END
3/8" = 1'-0"

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2018 IBC / IRC

SCALE:
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ENGINEERING
NOTES / DETAILS

S-2

DESIGN CRITERIA		
GOVERNING CODE	2015 IBC	
SEISMIC	ZONE D	
	I=1.00	
	R=6.00	
ROOF LOADS	ULTIMATE	115 MPH
	NOMINAL	90 MPH
	SURFACE ROUGHNESS	C
	RISK CATEGORY	1.00
ROOF LOADS	DEAD	10 PSF
	LIVE	30 PSF
FLOOR LOADS	DEAD	10 PSF
	LIVE	40 PSF
DECK LOADS	DEAD	10 PSF
	LIVE	60 PSF
SOIL BEARING PRESSURE	1500 PSF	

FOUNDATION SCHEDULE					
MAX. HEIGHT	TOP EDGE SUPPORT	MIN. THICK.	VERTICAL STEEL	HORIZONTAL STEEL	STEEL AT OPENINGS
2 FT	NONE	8"	#4 @ 32"	3-#4 BARS	2-#4 BARS TOP
4 FT			#4 @ 32"	4-#4 BARS	1-#4 BAR EACH SIDE
6 FT	FLOOR OR ROOF	8"	#4 @ 24"	5-#4 BARS	1-#4 BAR BOTTOM
8 FT	DIAPHRAGM		#4 @ 16"	7-#4 BARS	
OVER 9 FT	ENGINEERING REQUIRED				

2. TOP EDGE OF 6', 8' AND 9' WALLS TO BE SUPPORTED BY ROOF OR FLOOR FRAMING BEFORE BACKFILLING.

3. THE TOP HORIZONTAL BAR IS TO BE LOCATED IN THE TOP 4", AND ONE HORIZONTAL BAR IN THE BOTTOM 4", AND ALL OTHER BARS ARE TO BE EQUALLY SPACED BETWEEN.

4. ALL REINFORCEMENT IS TO BE PLACED IN THE CENTER OF THE WALL.

5. VERTICAL BARS MAY TERMINATE 3" FROM THE TOP OF THE CONCRETE WALL.

6. CORNER AND DOWEL REINFORCING IS TO HAVE A MINIMUM LAP LENGTH OF 24".

7. ALL REINFORCEMENT @ OPENINGS IS TO BE PLACED WITHIN 2" OF THE OPENINGS AND EXTEND A MINIMUM OF 24" BEYOND THE EDGE OF THE OPENING.

8. FOOTINGS ARE TO BE A MINIMUM OF 10" THICK AND 20" WIDE.

9. THE MINIMUM LINTEL DEPTH IS TO BE 2" FOR EACH FOOT OF OPENING WIDTH. THE MINIMUM LINTEL DEPTH IS 8". THE MAXIMUM LINTEL LENGTH IS 6'.

PAD SCHEDULE											
MARK	WID.	LEN.	THICK	CROSS REINFORCING				LENGTH REINFORCING			
				NO.	SIZE	LEN.	SPACE	NO.	SIZE	LEN.	SPACE
P-24	24"	24"	10"	2	#4	18"	EQ.	2	#4	18"	EQ.
P-30	30"	30"	12"	3	#4	24"	EQ.	3	#4	24"	EQ.
P-36	36"	36"	12"	4	#4	30"	EQ.	4	#4	30"	EQ.
P-42	42"	42"	12"	5	#4	36"	EQ.	5	#4	36"	EQ.
P-48	48"	48"	12"	6	#4	42"	EQ.	6	#4	42"	EQ.

FOOTING SCHEDULE											
MARK	WID.	LEN.	THICK	CROSS REINFORCING				LENGTH REINFORCING			
				NO.	SIZE	LEN.	SPACE	NO.	SIZE	LEN.	SPACE
F-18	18"	CONT	9"					2	#4	CONT	12" O.C.
F-20	20"	CONT	10"					2	#4	CONT	14" O.C.
F-24	24"	CONT	10"					2	#4	CONT	18" O.C.
F-30	30"	CONT	10"					3	#4	CONT	12" O.C.

FOOTING & FOUNDATION:

1. THE FOOTINGS HAVE BEEN DESIGNED TO THE SOIL BEARING PRESSURE SPECIFIED IN THE DESIGN CRITERIA. IT IS THE RESPONSIBILITY OF THE HOME OWNER TO VERIFY THE BEARING PRESSURE. ANY ANOMALOUS SOIL BEARING CONDITION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE CONSTRUCTION.

2. ALL FOOTINGS ARE TO REST ON UNDISTURBED SOIL AND SHALL BE A MINIMUM OF 30", OR LOCAL FROST DEPTH, BELOW THE FINISHED GRADE.

3. THE CONTRACTOR SHALL ENSURE THAT THE FOOTINGS ARE PROPERLY DRAINED AND THAT SOIL MOISTURE CONTENT MEETS THE IRC REQUIREMENTS.

4. ANY ANOMALOUS SOIL CONDITION ENCOUNTERED DURING EXCAVATION, SUCH AS SLIPPAGE, HIGH MOISTURE CONTENT, IMPROPER DRAINAGE, ETC., SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING.

5. COMPACT BACKFILL AGAINST FOUNDATION WALL TO 85% OF THE MODIFIED PROCTOR DRY DENSITY TO REDUCE SETTLING OF FILL.

6. FOUNDATION ANCHOR BOLTS SHALL BE EMBEDDED IN AT LEAST 7" OF CONCRETE AND PLACED WITHIN 12" OF SILL PLATE END. IF MULTIPLE PLATES ARE USED, THE ANCHOR BOLTS SHALL EXTEND THROUGH ALL PLATES. THERE SHALL BE A MINIMUM OF 2 ANCHOR BOLTS PER WALL SECTION. 3"x3"x3/16" SQUARE WASHERS SHALL BE USED BETWEEN ANCHOR BOLT AND PLATE. SEE CROSS SECTION FOR SIZE AND SPACING.

7. GRADE 60 REBAR SHALL BE USED FOR BOTH VERTICAL AND HORIZONTAL INSTALLATIONS.

8. HOLDDOWNS SHALL BE EMBEDDED IN THE FOUNDATION PER MANUFACTURERS REQUIREMENTS. THE CONTRACTOR SHALL ENSURE THAT THE FASTENER HOOKS THE REBAR AND MEETS THE MINIMUM EDGE DISTANCE.

HOLDOWN SCHEDULE		
MARK	SIMPSON	NAILING REQUIREMENT
HD1	STHD10	(38) 16d SINKERS
HD2	STHD10RJ	(38) 16d SINKERS

POST SCHEDULE		
MARK	POST SIZE	GRADE
P1	MULTIPLE STUDS	DF#2 OR BTR
P2	4" x 4"	DF#1
P3	4" x 6"	DF#1
P4	6" x 6"	DF#1
P5	3-1/2"x3-1/2" x 1/4"	Fy = 46 KSI TS
P6	4" x 4" x 1/4"	Fy = 46 KSI TS

DEEPER, WIDER, OR BETTER GRADES OF LUMBER MAY BE SUBSTITUTED. OTHER SUBSTITUTIONS MUST BE APPROVED BY THE CONSULTING ENGINEER

STUD HEIGHTS			
HEIGHT	STUD FRAMING	GRADE	
0' TO 10'	2x4's @ 16"o.c.	DF OR HF STUD	
10' TO 12'	2x4's @ 12"o.c.	DF OR HF STUD	
12' TO 14'	2x6's @ 16"o.c.	DF OR HF STUD	
14' TO 16'	2x6's @ 12"o.c.	DF OR HF STUD	

WALLS TALLER THAN 16' AND/OR WALLS W/ LARGE OPENING TO BE SPECIFIED BY ENGINEER.

GENERAL FRAMING NOTES:

1. THE CONTRACTOR SHALL USE THE GRADES OF LUMBER SPECIFIED IN THE BEAM SCHEDULES LISTED ON DRAWING. DEEPER, WIDER, OR BETTER GRADES OF LUMBER MAY BE SUBSTITUTED, ANY OTHER CHANGES MUST BE APPROVED BY THE ENGINEER.

2. (2) 2"x10" DF#2 OR BTR W/FILLER SHALL BE USED FOR ALL LOAD-BEARING WINDOW AND DOOR HEADERS UNLESS NOTED OTHERWISE ON DRAWING. TIMBERSTRAND LSL HEADERS MAY BE SUBSTITUTED FOR THE (2) 2"x10" DF#2 OR BTR.

3. (2) 1-3/4"x9-1/2" LVLs SHALL BE USED FOR ALL HEADERS SUPPORTING A GIRDER TRUSS UNLESS NOTED OTHERWISE ON DRAWING.

4. ALL MULTIPLE BEAMS AND HEADERS SHALL BE NAILED USING 2 ROWS OF 16d NAILS @ 12" O.C.

5. ALL POINT LOADS SHALL BE SOLID BLOCKED TO THE FOUNDATION.

6. USE DOUBLE TRIMMERS TO SUPPORT BEAMS AND HEADERS GREATER THAN 6 FEET UNLESS NOTED OTHERWISE ON DRAWING.

7. USE SIMPSON OR EQUIVALENT HARDWARE TO CONNECT BEAMS 6' AND LONGER TO STUDS OR POSTS.

8. THE CONTRACTOR SHALL FOLLOW THE MINIMUM FASTENING SCHEDULE LISTED IN IBC TABLE 2304.9.1.

9. ALL CONSTRUCTION SHALL BE IN ACCORDANCE TO THE 2015 INTERNATIONAL BUILDING CODE.

TABLE OF EQUIVALENT FASTENERS						
NAILS, STAPLES, & T-NAIIS						
(VALID FOR LATERAL LOADS ONLY)						
COMMON NAIL SPACING	STAPLE SPACING			T-NAIL SPACING		
	16*	15*	14*	113*	131*	
6d @	3 1/2"	4"	5"	1 1/4**	1 1/2**	
	4"	5"	6"			
	5"	6"	7"			
	6 1/2"	8"	9 1/2"			
	8 1/2"	10"	12"			
	10"	12"	14 1/2"			
	12"					
8d @	2 1/2"	3 1/2"	4"	3 1/2"	4"	
	4"	5"	6"			
	5 1/2"	6 1/2"	8"	6 1/2"	8"	
	6 1/2"	8"	10"			
	8"	10"	12"	9 1/2"	12"	
	12"					
10d @	2"	2 1/2"	3"	2 1/2"	3 1/2"	
	3 1/2"	4"	5"			
	4 1/2"	5 1/2"	6 1/2"	5 1/2"	7"	
	5 1/2"	7"	8"	6 1/2"	8 1/2"	
	6 1/2"	8"	9 1/2"	8 1/2"	10"	

* GAUGE
** PENETRATION

FLOOR TIE SCHEDULE			
MARK	SIMPSON	NAILING	NOTES
FT1	CS16	22-10d	SEE DETAIL F SHEET S2
FT2	HTS30C	20-10d	
FT3	ST22	18-16d	

SHEAR WALL SCHEDULE								
MARK	SHEATHING	NAILING			ANCHOR BOLTS			NOTES
		SIZE	EDGE	FIELD	DIA.	LEN.	O.C.	
4	7/16"	8d	4"	12"	1/2"	10"	32"	SEE DETAIL G SHEET S2
3	7/16"	8d	3"	12"	5/8"	12"	24"	SEE SHEAR WALL
2	7/16"	8d	4"	12"	1/2"	10"	32"	SEE SHEAR WALL
1	15/32"	8d	2"	12"	5/8"	12"	24"	SEE SHEAR WALL

FLOOR SHEATHING NOTES:

1. TYPICAL FLOOR SHEATHING SHALL BE 3/4" T&G WAFER BOARD NAILED W/ 8d NAILS @ 6" O.C. ON ALL EDGES, AND @ 12" O.C. ALONG INTERMEDIATE FRAMING MEMBERS.

2. SOLID JOIST BLOCKING REQUIRED AT ALL BEARING POINTS.

3. INSTALL FLOOR SHEATHING WITH FACE GRAIN AT RIGHT ANGLES TO FRAMING WITH END JOINTS STAGGERED.

4. USE DOUBLE FLOOR JOISTS UNDER ALL LOAD BEARING WALLS RUNNING PARALLEL WITH FLOOR JOISTS.

5. USE DOUBLE FLOOR JOISTS UNDER ALL SHEAR WALLS RUNNING PARALLEL WITH FLOOR JOISTS. NAIL BOTTOM PLATE TO JOISTS W/ 16d NAILS @ 3' O.C.

6. USE DOUBLE JOISTS TO SOLID BLOCK UNDER ALL SHEAR WALLS RUNNING PERPENDICULAR TO FLOOR JOISTS. NAIL BOTTOM PLATE TO BLOCKING W/ 16d NAILS @ 3' O.C.

TRUSS NOTES:

1. ROOF TRUSSES SHALL BE DESIGNED TO MEET THE LOADS SPECIFIED IN THE DESIGN CRITERIA. ALL TRIBUTARY, DRIFT, UNBALANCED SNOW, MECHANICAL, ETC., LOADS SHALL BE CONSIDERED IN THE DESIGN PER IRC REQUIREMENTS.

2. THE CONTRACTOR SHALL BLOCK BETWEEN TRUSSES AND CONNECT EACH TRUSS TO WALL TOP PLATE WITH SIMPSON H1 CONNECTORS.

3. ANY CHANGES TO THE TRUSS CONFIGURATION SHOWN ON THE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.

4. ALL ENGINEERING TRUSS SUBMITTALS SHALL BE STAMPED BY AN ENGINEER LICENSED IN THE STATE OF UTAH.

ROOF SHEATHING NOTES:

1. SHEATHING SHALL BE 7/16", 24/16, APA RATED SHEATHING. NAIL W/ 8d's @ 6" O.C. 3/8" FROM EDGE OF PANEL AT ALL PANEL ENDS, SUPPORTED EDGES, SHEARWALL TOPS, AND ALL BLOCKING. NAIL @ 12" O.C. ALONG INTERMEDIATE FRAMING MEMBERS.

2. LAY SHEATHING WITH FACE GRAIN AT RIGHT ANGLES TO FRAMING WITH STAGGERED END JOINTS.



SHEARWALL NOTES:

1. ALL EXTERIOR WALLS SHALL BE SHEATHED WITH 7/16" APA RATED OSB SHEATHING AND NAILED W/ 8d @ 4" O.C. EDGE, 12" O.C. FIELD UNLESS NOTED OTHERWISE.

2. SHEATHING SHALL EXTEND CONTINUOUS FROM FLOOR SILL PLATE TO TOP PLATE OF UPPER WALL AND BE NAILED PER REQUIRED EDGE SPACING ALONG SILL PLATE.

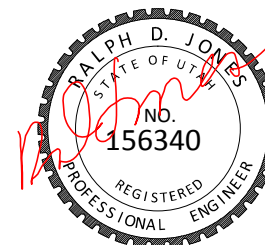
3. NAILS SHALL BE PLACED NOT LESS THAN 1/2" FROM EDGE OF PANEL AND DRIVEN SO THAT THEIR HEAD OR CROWN IS FLUSH WITH THE SURFACE OF THE SHEATHING.

4. ALL HORIZONTAL EDGES SHALL BE BLOCKED WITH 2" NOMINAL OR WIDER FRAMING. WHERE PANELS ARE APPLIED ON BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6" O.C., PANEL JOINTS SHALL BE OFFSET TO FALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3 INCH NOMINAL OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED.

5. A  , OR  NAILING SCHEDULE REQUIRES THAT FOUNDATION SILL PLATES AND ALL FRAMING MEMBERS RECEIVING EDGE NAILING FROM ABUTTING PANELS SHALL NOT BE LESS THAN A 3" NOMINAL MEMBER. NAILS SHALL BE STAGGERED.

CLIENT: KADE BAMBROUGH

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02/24/2021

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GOVERNING CODES
2018 IBC / IRC

SCALE:

DATE:
02.24.2021

ENGINEERING
NOTES / DETAILS

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