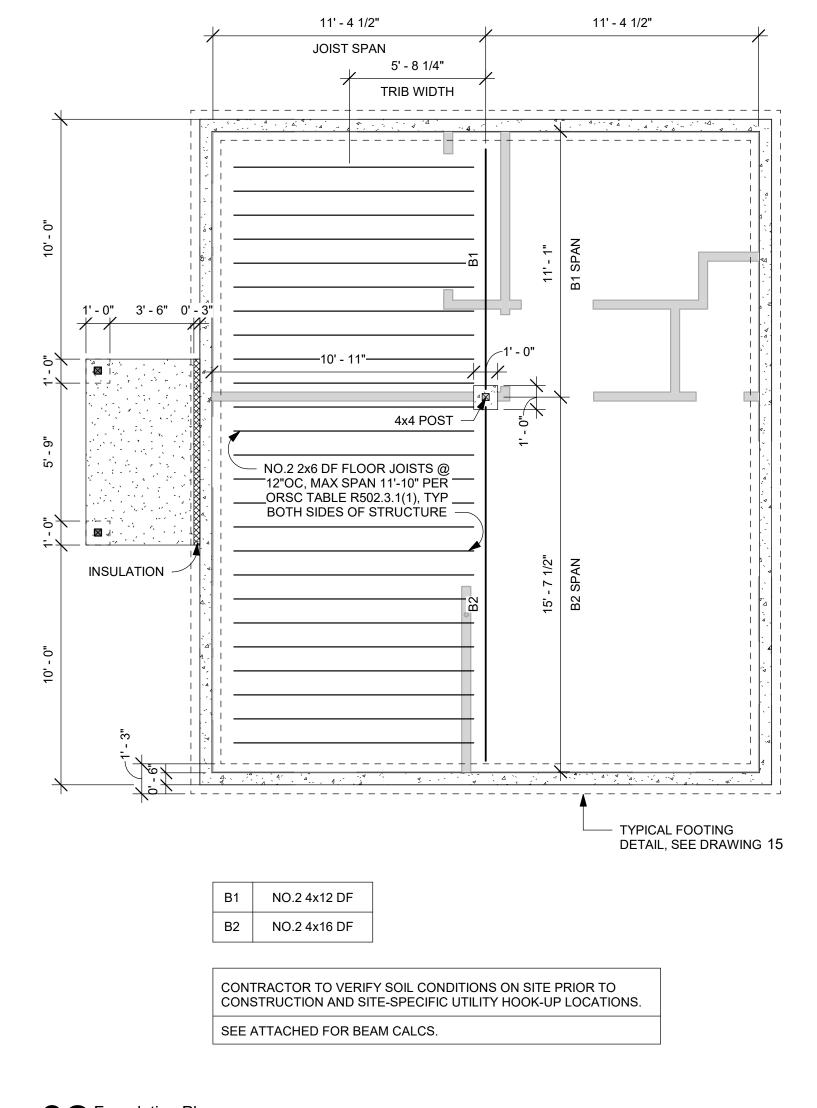


STORM WATER MANAGEMENT REQ PER

PORCH ROOF

22.6

COUNTY ZONE, NOT IN SCOPE



CS-WSP CS-WSP 4.00 15.83 \_\_\_\_\_\_ 3.90 2.67 11.46 2.67 3.15 CS-WSP CS-WSP CS-WSP 23.83 LENGTH OF BWL "A", "B"

23' - 10" **BUILDING WIDTH** B4 TRIB 2x4 KING POST SUPPORTS RIDGE BEAM, SEE ELEVATION 06 4x4 POST BELOW, TYP FOR (2) NO.2 2x4 FRAMING @ 24"OC, EA SIDE, SEE DRAWING 14 B3 NO. 2 2x4 DF NO. 2 4x4 DF (2) 2x8 HEADER W/ 1 JS EA SIDE, SPANS 5'-9" FOR ROOF AND CEILING FOR BLDG WIDTH <= 24' PER ORSC TABLE R602.7(1) (2) 2x4 HEADER W/ 1 JS EA SIDE, SPANS 3'-1" FOR ROOF AND CEILING FOR BLDG WIDTH <= 24' PER ORSC TABLE R602.7(1) SEE ATTACHED FOR PREFABRICATED TRUSS DETAILS AND BEAM CALCS

<u>DESIGN VALUES</u>
THE PROJECT IS DESIGNED FOR 110 MPH WINDS, EXPOSURE CATEGORY B. THE SEISMIC DESIGN CATEGORY IS D1.

LATERAL DESIGN
THE PROJECT IS RECTANGULAR IN PLAN WITH NO OFFSETS AND USES THE PRESCRIPTIVE PATH TO CALCULATE BRACED WALL LENGTHS. THE DESIGN MEETS THE REQUIREMENTS OF R602.10.4 FOR CONTINUOUS SHEATHING, WOOD STRUCTURAL PANEL (CS-WSP) USING THE FOLLOWING

1. ALL BRACED WALL LINES ARE TREATED AS IF 10' HIGH FOR SIMPLICITY (WALL HEIGHTS VARY, SEE ELEVATIONS AND DETAIL SECTIONS) 2. EXTERIOR WALLS ARE ENGINEERED AS 2x6 STUDS AT 24" OC. PER TABLE R602.3.1 THE MAXIMUM HEIGHT OF THE WALL FOR WIND LOADING IS 16 FEET. PER TABLE 602.3(5) THE MAXIMUM HEIGHT IS 10 FT FOR LOAD-BEARING WALLS AND 20 FT FOR NON LOAD-BEARING WALLS. 3. ALL SHEATHING NAILING PER TABLE R602.3(1). TYPICAL SHEATHING NAILING WITH 8d NAILS AT 6" O.C. AT EDGES AND AT 12" OC ON INTERIOR

4. PER TABLE R602.10.5, 10 FOOT CS-WSP WALL PANELS ADJACENT TO OPENINGS 80" HIGH AND UNDER SHALL BE MINIMUM 2.50 FEET IN LENGTH.

STRUCTURAL NOTES | GENERAL CONDITIONS 1. ALL WORK SHALL COMPLY WITH THE LATEST ADOPTED ISSUE OF THE OREGON RESIDENTIAL SPECIALTY CODE AND ANY APPLICABLE STATE, COUNTY OR LOCAL REGULATIONS

2. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING THE PLANS AND SITE CONDITIONS AND TO NOTIFY THE ARCHITECT OF ANY ERRORS OR OMISSIONS PRIOR TO THE START OF CONSTRUCTION

3. WRITTEN DIMENSIONS HAVE PRECEDENCE OVER SCALED DIMENSIONS

4. DO NOT SCALE DRAWINGS

STRUCTURAL NOTES | FOUNDATIONS 1. ALL CONCRETE TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28DAYS WITH A MAXIMUM SLUMP OF 4"

2. ALL REINFORCING STEEL TO BE ASTM A-615 GRADE 60. WELDED WIRE MESH TO BE A-185 3. LAP ALL CONTINUOUS BARS 30XDIA (MIN) PLACE ALL REINFORCING PER ACI CODES AND STANDARDS

4. ALL WOOD IN CONTACT WITH CONCRETE TO BE PRESSURE TREATED 5. MUD SILLS TO BE 2X6 PRESSURE TREATED WOOD WITH 1/2" DIA X 10" ANCHOR BOLTS SPACED AT 4'0" O.C AND WITHIN 12" OF CORNERS. MINIMUM

7" EMBED WITH 3"X3"X1/4" PLATE WASHERS UNO 6. SOIL BEARING PRESSURE IS BASED UPON 1500 PSF

STRUCTURAL NOTES | CARPENTRY

1. WOOD FRAMING MEMBER GRADES ARE AS FOLLOWS UNLESS OTHERWISE NOTED ON THE PLANS

A. POSTS, BEAMS, HEADERS (4X AND LESS) - NO 2 DOUGLAS FIR LARCH B. POSTS, BEAMS, HEADERS (6X AND LARGER) - NO 1 DOUGLAS FIR LARCH

C. JOISTS AND RAFTERS - NO 2 DOUGLAS FIR LARCH D. PLATES, BLOCKING AND BRIDGING - NO 2. DOUGLAS FIR LARCH

E. STUDS - STUD GRADE DOUGLAS FIR LARCH 2. UNLESS OTHERWISE NOTED ON PLANS, ALL EXTERIOR WINDOW AND DOOR HEADERS ARE TO BE 4X10, NO 2 DOUGLAS FIR

3. PROVIDE DOUBLE JOISTS UNDER ALL PARALLEL BEARING PARTITIONS OR EXTERIOR WALLS

4. DESIGN LOADS (IN ADDITION TO DEAD LOADING): A. ROOF - 20 PSF (LL)

B. SNOW - 30 PSF

C. FLOOR - 40 PSF (LL) 5. PROVIDE METAL TRUSS AND RAFTER TIE DOWNS AT EACH - TO BE SIMPSON H2.5A AT TOP PLATE UNO ON PLAN

6. ALL EXTERIOR FASTENERS, EXPOSED TO ELEMENTS TO BE STAINLESS STEEL OR GALVANIZED, INCLUDING NAILS, STAPLES, CLIPS. ETC. 7. ALL JOISTS AND RAFTERS NOT BEARING ON BEAMS OR SUPPORTS SHALL HAVE HANGERS MATCHING MEMBER CAPACITY.

8. EXISTING MEMBERS HAVING SIGNS OF DAMAGE OR ROT SHALL BE REMOVED/REPLACED OR BROUGHT TO THE ATTENTION OF THE OWNER.

AARP Detached ADU
City of Condon
128 S Main St, Condon, C

OR 97823

1714 NE Bryant Street, Portland, OR 97211 619-565-4613 blockdesignbuildllc@gmail.com

**Block Design Build LLC** 

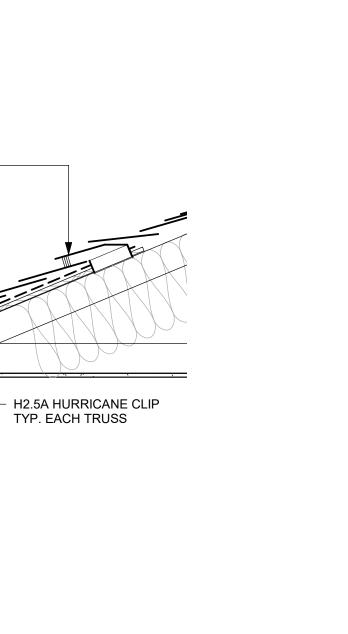
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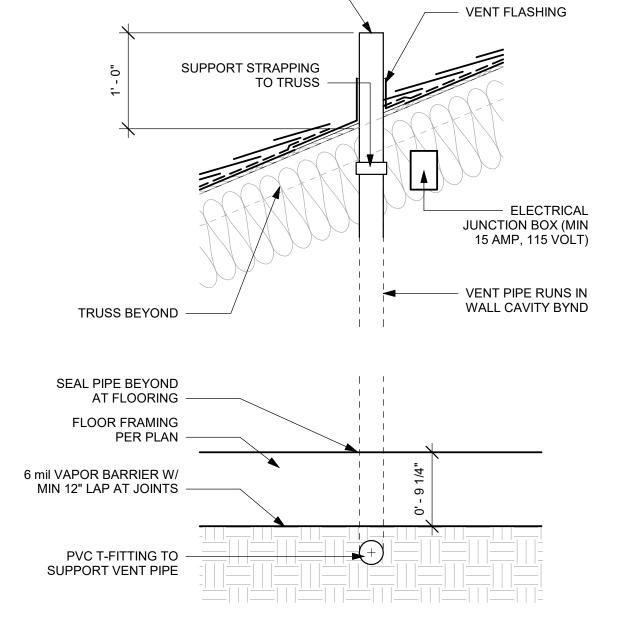
SHEET NUMBER

FOR TYP ROOF ASSEMBLY, SEE DRAWING 12

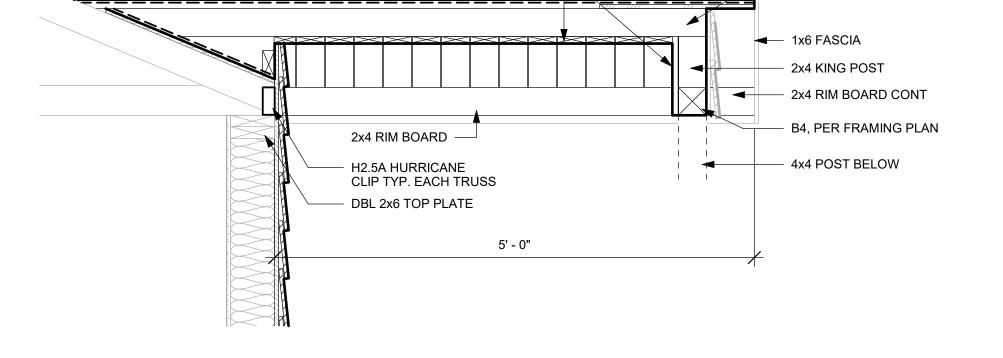
— NO.2 2x4 RIDGE BEAM







3" DIA RADON VENT EXHAUST, SCH 40 PVC (MIN 10' FROM OPERABLE OPENINGS INTO CONDITIONED SPACES OF BUILDING, 12" ABOVE ROOF) -



1x4 CEDAR T&G W/ 1/8" GAPS —

PREFABRICATED
TRUSS, PER SUPPLIER

14 Porch Canopy
1" = 1'-0"

12 Typical Overhang
1" = 1'-0"

CONTINUOUS SHINGLE VENT — SEE DRAWING 04

ROOF ASSEMBLY

COMPOSITE SHINGLES

15# FELT

24/16 OSB SHEATHING NAILED
12" EDGES, 6" FIELD

PRE-FABRICATED TRUSSES,
PER SUPPLIER

R-38 ROOF INSULATION

1/2" GYP BD CEILING

WALL ASSEMBLY

• SIDING PER ELEVATION

• WEATHER BARRIER

• 15/32" OSB SHEATHING

• 2x6 FRAMING @ 16" OC W/ R-23
FACED INSULATION BATTS

• 1/2" GYP BD

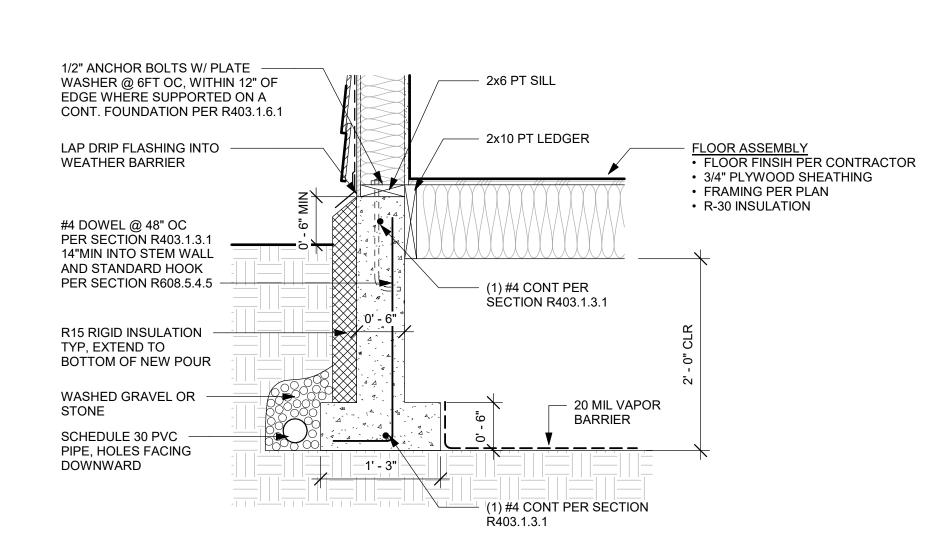
1' - 0"

1x6 FASCIA

3/4" FINISHED PLY -

16 Porch Footing 1" = 1'-0"

13 Passive Slab Depressurization System
1" = 1'-0"



COLD JOINT ----FINISH PER CONTRACTOR 5" CONCRETE SLABON- — GRADE W/ 6x6-W1.4xW1.4 4x4 POST WWF REINFORCEMENT @ MID-DEPTH 4x4 SIMPSON EPB44PHDG POST BASE 4" GRAVEL FILL FOR TYPICAL FOOTING NOTES, SEE DETAIL 15 -1' - 0"

15 <u>Crawlspace Typical</u> 1" = 1'-0"

SHEET NUMBER