

This drawing must not be scaled. The general contractor shall verify all dimensions, datums & levels prior to commencement of work. All errors, omissions & discrepancies must be reported immediately to Red Zero 9 Design.

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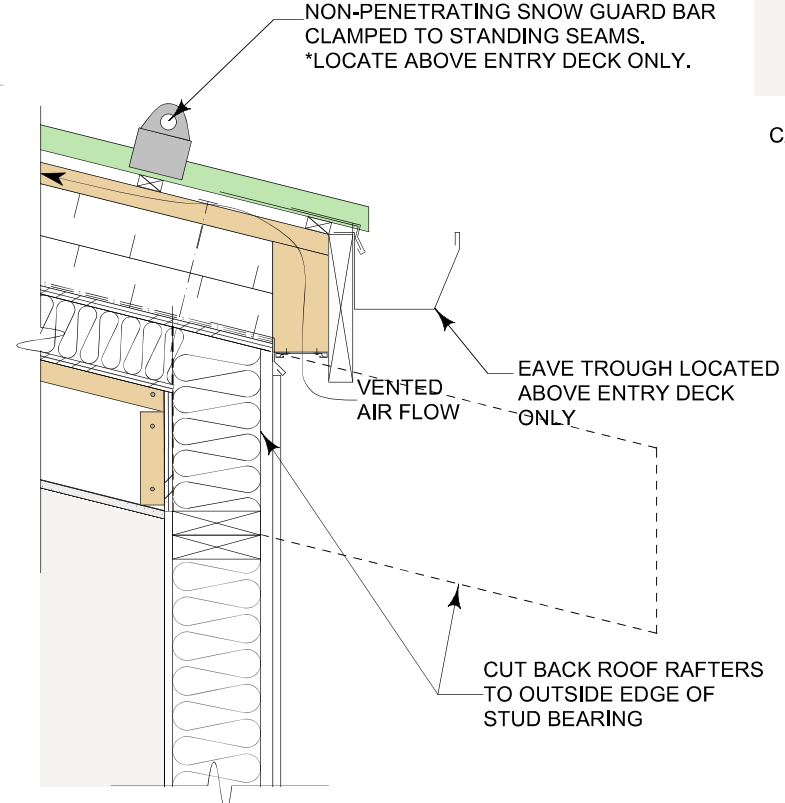
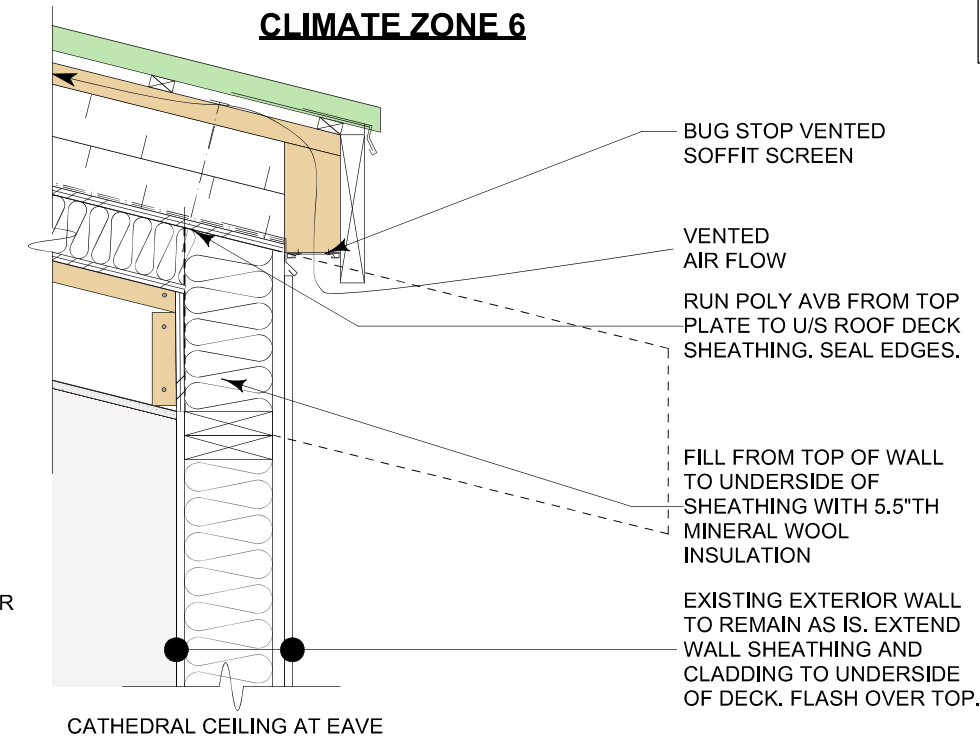
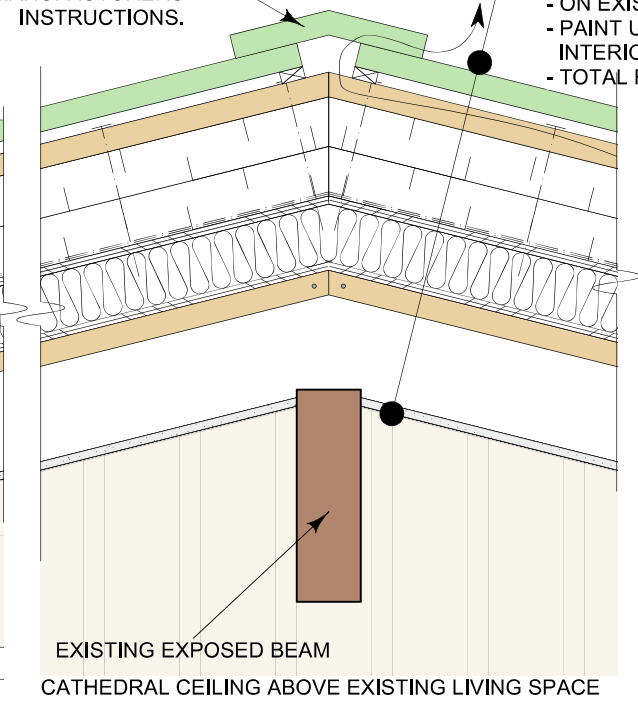
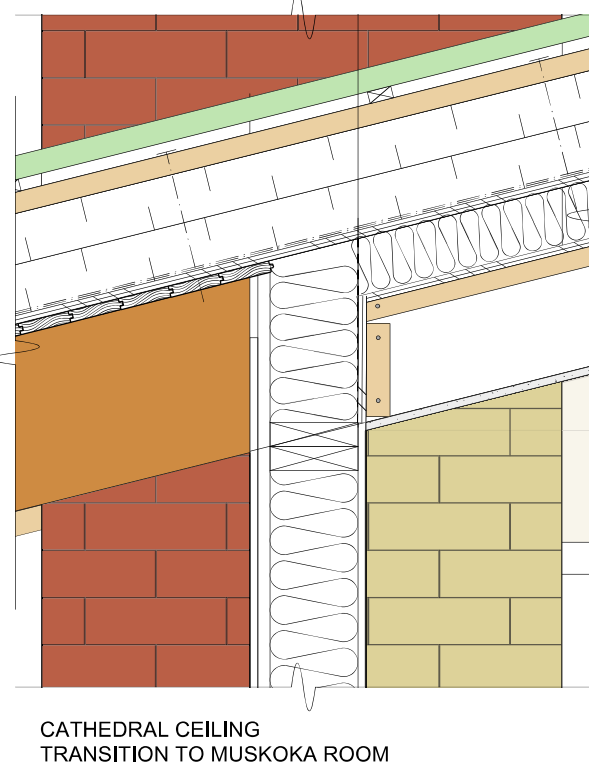
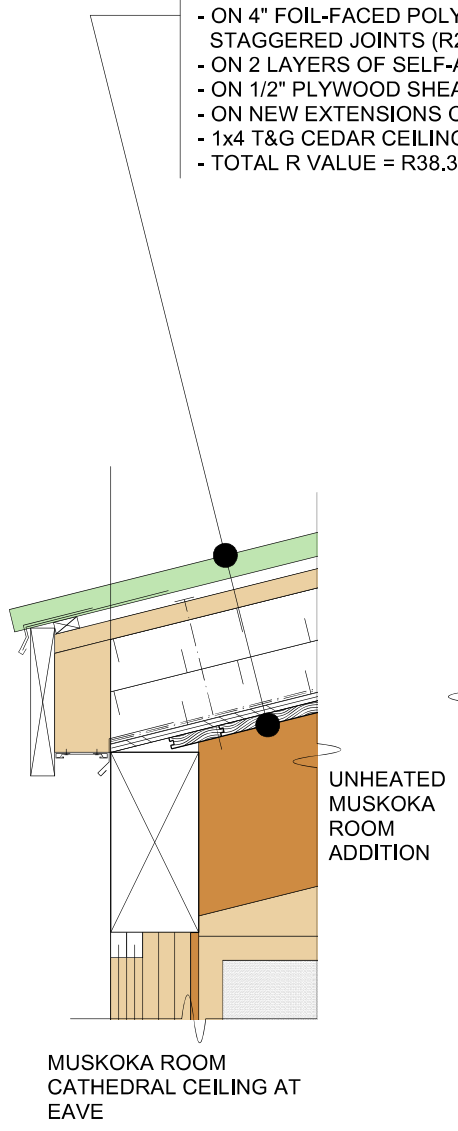
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- 1.5" DOUBLE LOCK STANDING SEAM METAL ROOF (R0.62)
- ON 1x2 WOOD CROSS PERLINS @ 24"O.C.
- ON 2x4 WOOD PURLINS ALIGNED W/ EXISTING RAFTERS. SCREW TO RAFTERS W/ #14 10" ROOFING SCREWS @24"O.C.
- ON 2" HIGH-DENSITY EPS RIGID INSULATION W/ TAPED & STAGGERED JOINTS (R8.6)
- ON 4" FOIL-FACED POLYISOCYANURATE RIGID PANEL (PENTANE EXPANDED) W/ TAPED & STAGGERED JOINTS (R27.2)
- ON 2 LAYERS OF SELF-ADHERED SMOOTH ICE & WATER SHIELD OVER ENTIRE ROOF (R0.34)
- ON 1/2" PLYWOOD SHEATHING (R0.62)
- ON NEW EXTENSIONS OF 2x10 or 2x12 WOOD RAFTERS
- 1x4 T&G CEDAR CEILING
- TOTAL R VALUE = R38.3

- 1.5" DOUBLE LOCK STANDING SEAM METAL ROOF (R0.62)
- ON 1x2 WOOD CROSS PERLINS @ 24"O.C.
- ON 2x4 WOOD PURLINS ALIGNED W/ EXISTING RAFTERS. SCREW TO RAFTERS W/ #14 10" ROOFING SCREWS @24"O.C.
- ON 2" HIGH-DENSITY EPS RIGID INSULATION W/ TAPED & STAGGERED JOINTS (R8.6)
- ON 4" FOIL-FACED POLYISOCYANURATE RIGID PANEL (PENTANE EXPANDED) W/ TAPED & STAGGERED JOINTS (R27.2)
- ON 2 LAYERS OF SELF-ADHERED SMOOTH ICE & WATER SHIELD OVER ENTIRE ROOF (R0.34)
- ON 1/2" PLYWOOD SHEATHING (R0.62)
- ON EXISTING 2x10 or 2x12 WOOD RAFTERS
- 3.5" MINERAL WOOL INSULATION B/W EXISTING RAFTERS (R14)
- ON 1/2" PLYWOOD SHEATHING B/W RAFTERS (R0.62)
- ON 2X2 WOOD SUPPORT CLEATS SCREWED TO EACH SIDE OF RAFTERS @ 24"O.C. TO SUPPORT SHEATHING AT 3.5" BELOW UPPER LAYER SHEATHING
- ON EXISTING GYPSUM BOARD CEILING (R0.45)
- PAINT UNDERSIDE OF EXISTING GYPSUM BOARD WITH 1 LAYER OF BENJAMIN MOORE ULTRA SPEC INTERIOR VAPOUR BARRIER SEALER & 2 LAYERS OF BENJAMIN MOORE MOUNTAIN PEAK WHITE
- TOTAL R VALUE = R52.45

VENTED RIDGE CAP FLASHING AS PER MANUFACTURERS INSTRUCTIONS.

**CLIMATE ZONE 6**



CATHEDRAL CEILING AT EAVE ABOVE ENTRY DECK WITH SNOW GUARD AND GUTTER

**DEMOLITION**  
REMOVE GUTTERS AND DOWNSPOUTS. SALVAGE FOR RE-USE ABOVE ENTRY DECK & FRONT DECK STAIRS.  
REMOVE FACIA TRIM  
REMOVE RIDGE CAP, AND ALL FLASHING  
REMOVE 2 TO 3 LAYERS OF ASPHALT SHINGLES  
REMOVE ADHERED FILM AND FELT LAYERS AND ROOF SHEATHING  
REMOVE BATT INSULATION.  
MAINTAIN RAFTERS, BEAMS, & INTERIOR GYPSUM CEILING.

01	22/06/09	SHORT TERM LIC	MCL	-
REV:	YR/MO/DA:	ISSUED FOR:	DB:	VB:
PROJECT: HARP LAKE COTTAGE				
CLIENT:				
LOCATION: Harp Lake Huntsville, ON				
DRAWING TITLE: ROOF DETAILS				
DRAWN BY: MCL		PROJECT #: 230513		
DRAWING NO.:				REV:
<b>A4.02</b>				