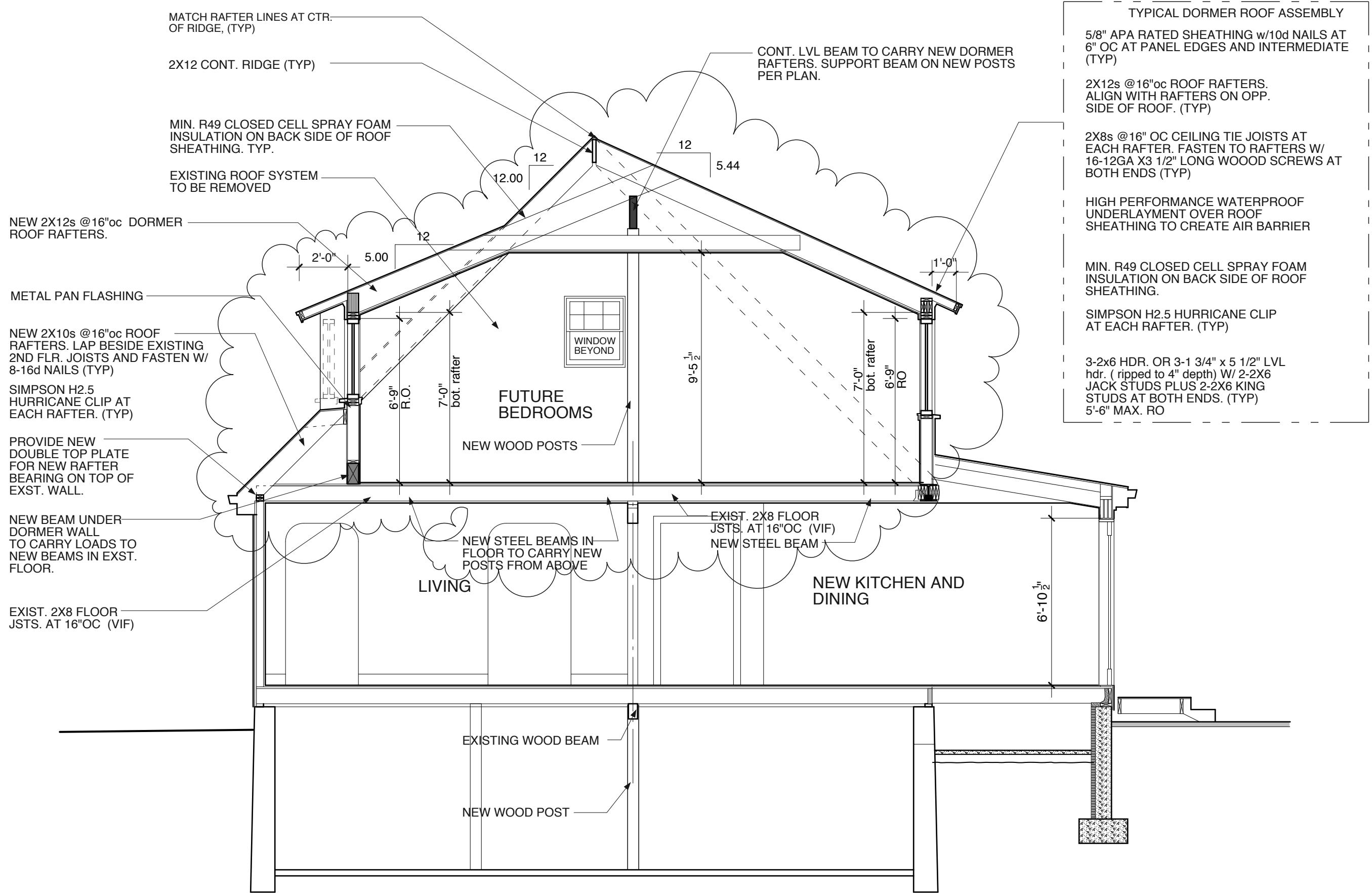


**Constantine - Dresser Residence  
Building Section**

Project No. 2014-01100  
Scale: 1/4" = 1'-0"  
Date: 03/29/2016 Revised:

Constantine  
Dresser  
Residence  
**SKA-9**



**TYPICAL DORMER ROOF ASSEMBLY**

5/8" APA RATED SHEATHING w/10d NAILS AT 6" OC AT PANEL EDGES AND INTERMEDIATE (TYP)

2X12s @16"oc ROOF RAFTERS. ALIGN WITH RAFTERS ON OPP. SIDE OF ROOF. (TYP)

2X8s @16" OC CEILING TIE JOISTS AT EACH RAFTER. FASTEN TO RAFTERS W/ 16-12GA X3 1/2" LONG WOOD SCREWS AT BOTH ENDS (TYP)

HIGH PERFORMANCE WATERPROOF UNDERLAYMENT OVER ROOF SHEATHING TO CREATE AIR BARRIER

MIN. R49 CLOSED CELL SPRAY FOAM INSULATION ON BACK SIDE OF ROOF SHEATHING.

SIMPSON H2.5 HURRICANE CLIP AT EACH RAFTER. (TYP)

3-2x6 HDR. OR 3-1 3/4" x 5 1/2" LVL hdr. ( ripped to 4" depth) W/ 2-2X6 JACK STUDS PLUS 2-2X6 KING STUDS AT BOTH ENDS. (TYP) 5'-6" MAX. RO

MATCH RAFTER LINES AT CTR. OF RIDGE, (TYP)

2X12 CONT. RIDGE (TYP)

MIN. R49 CLOSED CELL SPRAY FOAM INSULATION ON BACK SIDE OF ROOF SHEATHING. TYP.

EXISTING ROOF SYSTEM TO BE REMOVED

NEW 2X12s @16"oc DORMER ROOF RAFTERS.

METAL PAN FLASHING

NEW 2X10s @16"oc ROOF RAFTERS. LAP BESIDE EXISTING 2ND FLR. JOISTS AND FASTEN W/ 8-16d NAILS (TYP)

SIMPSON H2.5 HURRICANE CLIP AT EACH RAFTER. (TYP)

PROVIDE NEW DOUBLE TOP PLATE FOR NEW RAFTER BEARING ON TOP OF EXST. WALL.

NEW BEAM UNDER DORMER WALL TO CARRY LOADS TO NEW BEAMS IN EXST. FLOOR.

EXIST. 2X8 FLOOR JSTS. AT 16"OC (VIF)

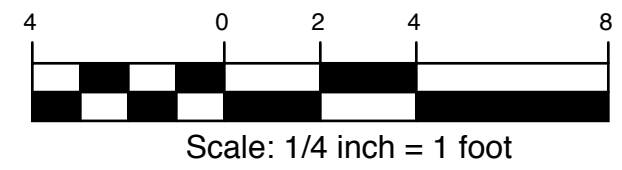
FUTURE BEDROOMS

LIVING

NEW KITCHEN AND DINING

**BUILDING SECTION (looking south)**

SCALE: 1/4" = 1'-0" ref: sheet A2.1



Scale: 1/4 inch = 1 foot