

# Hymel Residence

1 Joist Floorplan Plan  
Vahler Lumber



← Berm That is  
 in Question  
 Selected  
 Steel Berm  
 27'2"  
 16 @ 31

- GENERAL NOTES
1. See attached installation guide.
  2. Care should be taken when setting spirit level. Joist hangers should be installed on the top flange of joist.
  3. All nails and screws shall be as indicated on drawings and supplied by others to support all loads applied to them.
  4. Fasten joist hangers to joist and ceiling brace with 3/8" diameter bolts.
  5. Joist spacing to not to exceed spacing shown on drawings.
  6. See drawings for installation to be provided by others as indicated, bearing and girth members.
  7. Installation shall be made by others to avoid excessive joist deflection or damage. Engineering report shall not be used as any replacement for joist hangers. The manufacturer's system of fasteners shall be used. All components shall be installed in accordance with the manufacturer's instructions. All fasteners shall be installed in accordance with the manufacturer's instructions.

**1 Joist Dimensions are from face of 1 Joist to face of 1 Joist.**  
 Dimensions are in feet, inches, and sixteenths.  
 Please review installation guide prior to installing 1 Joist.

Labeling: Ex. U32-22  
 1J = 1 Joist  
 32 = Series  
 22 = Length 22'-0"

32 Series = 3x2 Chords  
 42 Series = 4x2 Chords  
 BLK = Blocking  
 Use trimmed ends of 1 Joist as blocking.

**1J 1 Joist L142 16"**  
 L142-4 (1) = 4'  
 L142-12 (1) = 12'  
 L142-24 (27) = 648'  
 L142-26 (2) = 52'  
 L142-28 (42) = 1176'  
 Total Length = 1892'

**Beams 1 3/4" x 16" LVL 24e**  
 B1 (2) 6' = 16'  
 B2 (3) 10' = 30'  
 B3 (3) 10' = 30'  
 B4 (6) 22' = 132'  
 Total Length = 232'

**1J 1 Joist L142 16"**  
 U32-6 (6) = 64'  
 U32-10 (2) = 20'  
 U32-22 (24) = 528'  
 Total Length = 712'

**32 Series = 3x2 Chords**  
 32 Series = 64'  
 42 Series = 120'  
 Total Length = 184'

**Hangers**  
 HUS9 5/8" 16 (14)  
 HUS6 1/2" 16 (2)  
 HUS6 5/8" 16 (31)  
 E7 1/2" 16 (2)  
 THA1422 (1)