

# SECOND FLOOR FRAMING

## Second Floor

### LVL/LSL (Flush)

Qty	Label	Description	Width	Depth	Length
2	F1	2.1E RigidLam LVL SP	1.75	11.875	14-0-0
2	F30	2.1E RigidLam LVL SP	1.75	24	26-0-0
2	F3	2.1E RigidLam LVL SP	1.75	24	24-0-0

### LVL/LSL (Dropped)

Qty	Label	Description	Width	Depth	Length
6	D2	2.1E RigidLam LVL SP	1.75	11.875	12-0-0
3	D26	2.1E RigidLam LVL SP	1.75	16	26-0-0
3	D1	2.1E RigidLam LVL SP	1.75	16	18-0-0

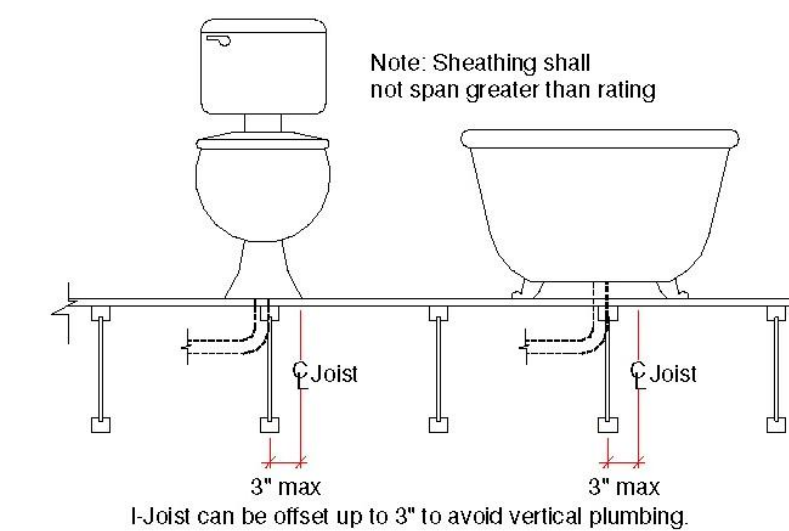
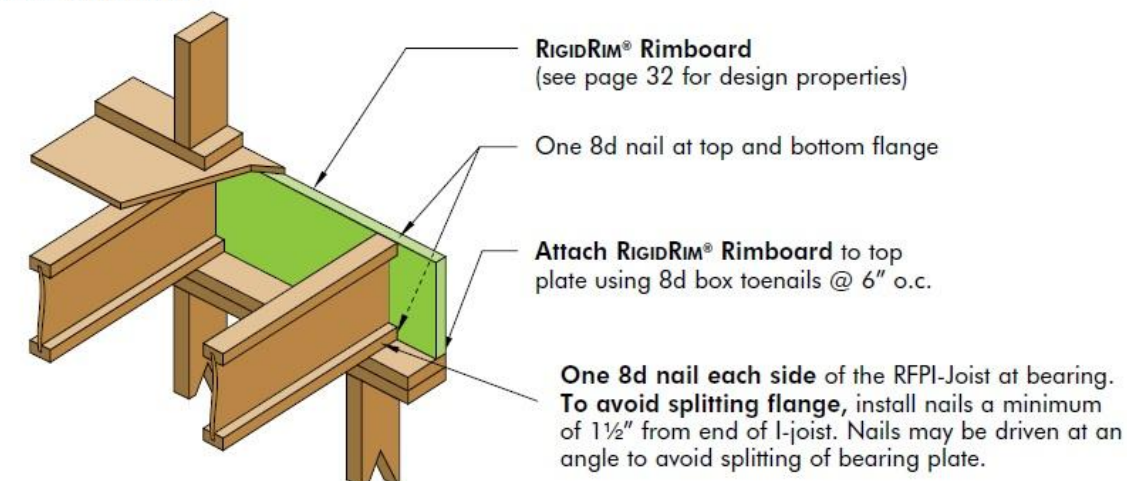
### I Joist (Flush)

Qty	Label	Description	Width	Depth	Length
29	J2	RFPI 80S	3.5	16	26-0-0
4	J3	RFPI 80S	3.5	16	26-0-0
3	J1	RFPI 80S	3.5	16	16-0-0

### Rim Board

Qty	Label	Description	Thickn...	Depth	Length
12	R1	RigidRim .55E OSB Rim Board 1.125 X 16	1.125	16	12-0-0

### 1b RigidRim RIMBOARD



**Diamond Hill Plywood**  
2706 White Horse Rd  
Greenville, SC  
USA  
29611  
8668462715

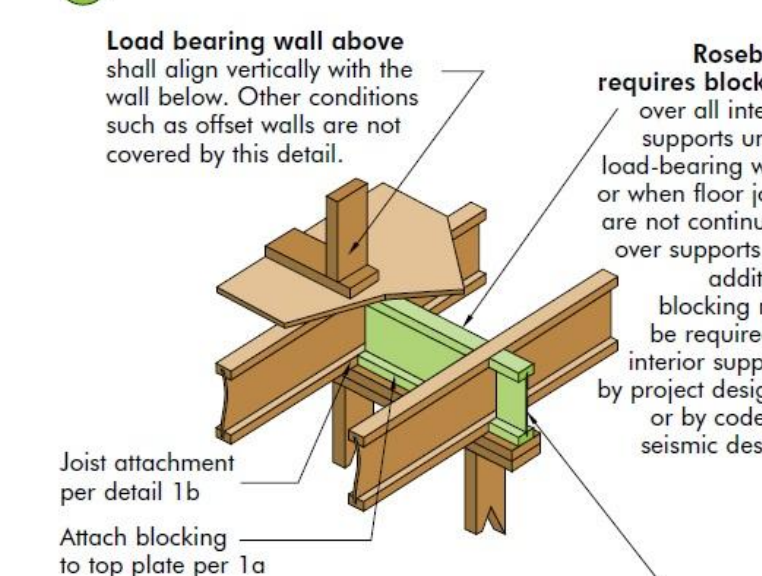
**Project**  
14717  
**Builder**  
Mt Olive Building Supply  
**Layout Name**  
14717-Kellee Ring Residence  
**Created**  
January 11, 2023  
**Revised**  
January 11, 2023  
**Sales Rep**  
Danny Strickland  
**Designer**  
Shane Wright

	Bearing Wall
	Non-Bearing Wall
	Flush Beam LVL
	Dropped Beam LVL
	Flush Beam B.B.O.
	Dropped Beam B.B.O.
	I-Joist
	Double I-Joist
	Rimboard
	Blocking Line
	Column
	Point Load From Above
	Point Load Support

**Cutting & Drilling**

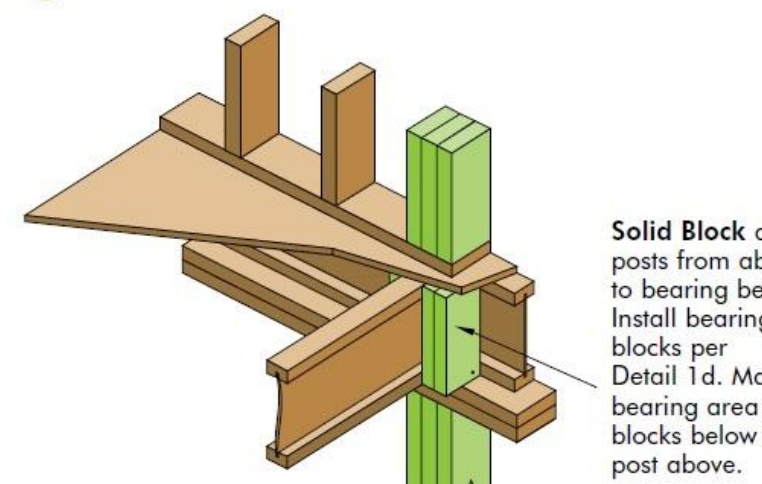
- Do not allow workers to walk on I-joists or LVL beams until they are fully installed and braced, or serious injuries can result.
- Do NOT drill holes in top and bottom flange.
- Do NOT notch the top and bottom flange.
- Do NOT cut saw kerfs in top and bottom flange.
- Do NOT drill holes in web or bearing locations.
- Never stack building materials over unsheathed I-joists. Stack only over braced beams or walls.

### 1g RFPI BLOCKING PANELS AT INTERIOR SUPPORT

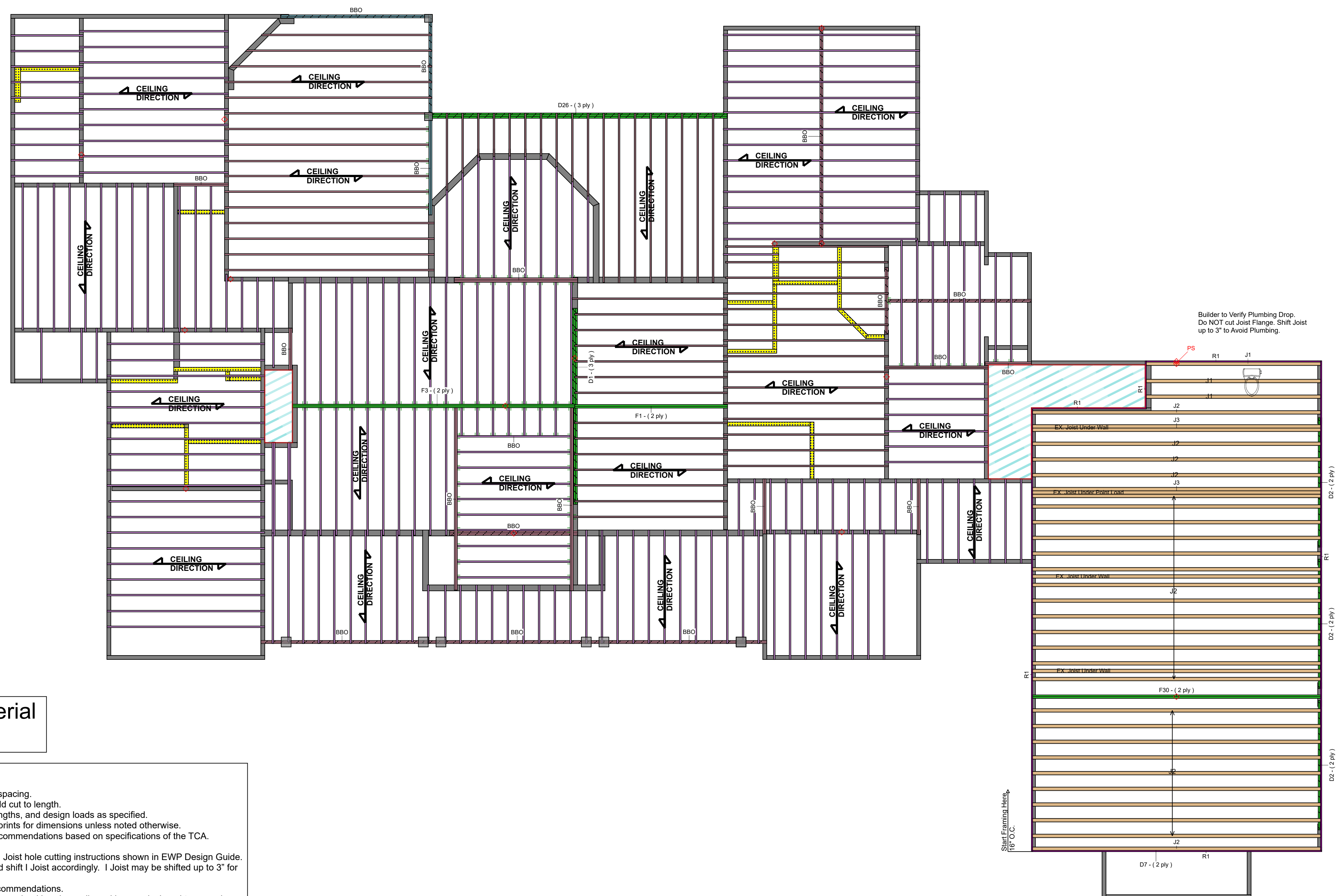
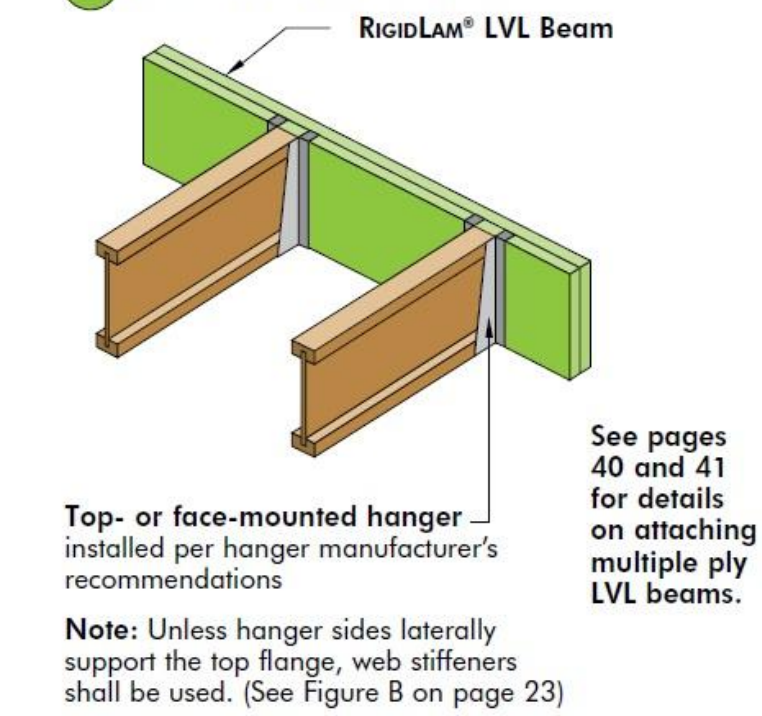


RFPI blocking panel vertical load transfer = 2000 plf maximum.  
-or- RigidRim Rimboard (see Page 32 for design properties)

### 1e BEARING BLOCK DETAIL



### 1i HANGER TO LVL BEAM DETAIL



**BBO = Lumber Material Beam By Others.**

- General Notes:**
1. Read EWP Design Guide before framing.
  2. Use the correct span rated sheathing for joist spacing.
  3. I Joist, LVL Beams and Rim Board must be field cut to length.
  4. Contractor to verify and approve quantities, lengths, and design loads as specified.
  5. See Designer/Architect's plans or builder blueprints for dimensions unless noted otherwise.
  6. Ceramic tile floors should be supported per recommendations based on specifications of the TCA. Additional joists may be required for tile floors.
  7. Provide plumbing and HVAC contractors with I Joist hole cutting instructions shown in EWP Design Guide.
  8. Builder to verify location of plumbing drops and shift I Joist accordingly. I Joist may be shifted up to 3 inches for plumbing drops.
  9. Hangers to be installed per manufacturer's recommendations.
  10. All rafters, ceiling joist and roof bracing to bear on load bearing walls and beams designed to carry down through all levels and terminate at the foundation, unless otherwise noted.
  11. To attach deck ledger, use adequate band board per manufacturer's recommendations.
  12. See structural drawing for post down locations and bearing requirements.
  13. Solid blocking required at all concentrated load bearing points.

TECHNICAL SUPPORT (866) 846-2715  
Se Habla Español

**Second Floor**  
Design Method ASD (USA)  
Building Code IRC 2018

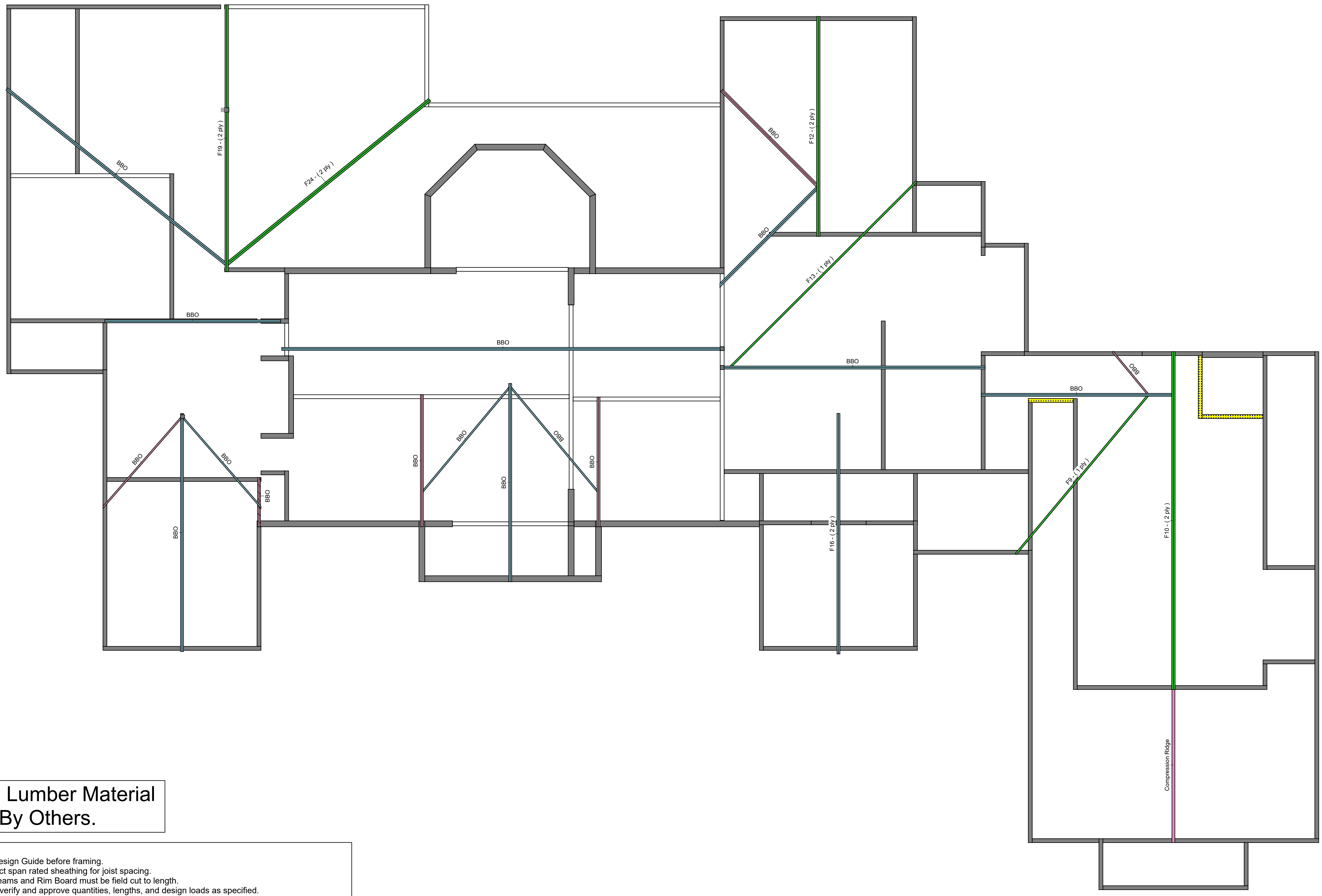
Floor	Loads	Deflection	Decking	Fastener
Live	20	480	OSB	Nailed & Glued
	10			
Dead	10	480	OSB	Nailed & Glued
	10			
Deflection Joist	480	480	OSB	Nailed & Glued
	240			
Deflection Flush Girder	480	480	OSB	Nailed & Glued
	240			
Deflection Dropped Girder	480	480	OSB	Nailed & Glued
	240			
Deflection Header	480	480	OSB	Nailed & Glued
	240			
Decking	OSB	23/32 APA Rated Sturd-I-Floor	OSB	Nailed & Glued
	OSB			

**SCALE: 1/4"=1'-0"**



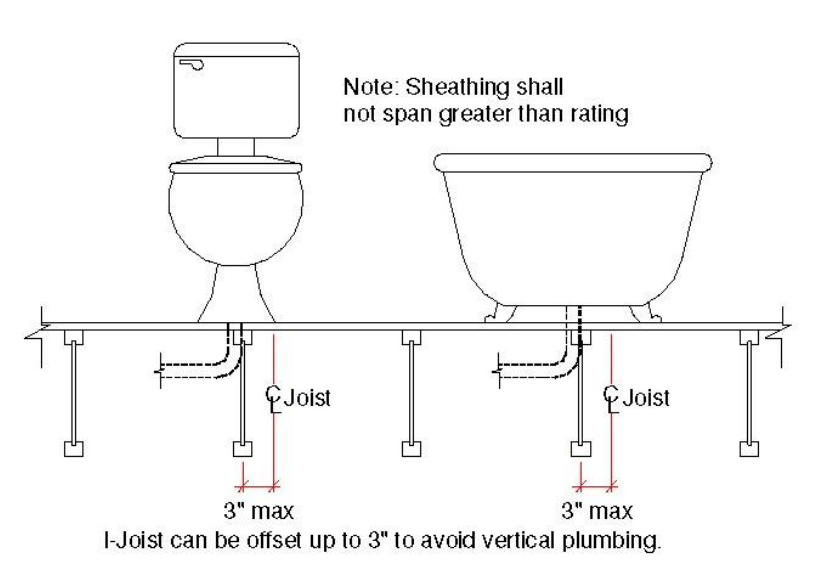
# Roof LVL/LSL (Flush) ROOF FRAMING

Qty	Label	Description	Width	Depth	Length
2	F19	2.1E RigidLam LVL SP	1.75	9.25	24-0-0
1	F9	2.1E RigidLam LVL SP	1.75	11.875	26-0-0
2	F12	2.1E RigidLam LVL SP	1.75	11.875	20-0-0
1	F13	2.1E RigidLam LVL SP	1.75	14	30-0-0
2	F24	2.1E RigidLam LVL SP	1.75	16	30-0-0
2	F10	2.1E RigidLam LVL SP	1.75	24	30-0-0



**BBO = Lumber Material Beam By Others.**

- General Notes:**
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  6. Ceramic tile floors should be supported per recommendations based on specifications of the TCA. Additional joists may be required for tile floors.
  7. Provide plumbing and HVAC contractors with I Joist hole cutting instructions shown in EWP Design Guide.
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  11. To attach deck ledger, use adequate band board per manufacturer's recommendations.
  12. See structural drawing for post down locations and bearing requirements.
  13. Solid blocking required at all concentrated load bearing points.



**DHP**  
DIAMOND HILL PLYWOOD CO.

Diamond Hill Plywood  
2706 White Horse Rd  
Greenville, SC  
USA  
29611  
8668462715

**Project**  
14717

**Builder**  
Mt Olive Building Supply

**LAYOUT Name**  
14717-Kellee Ring Residence

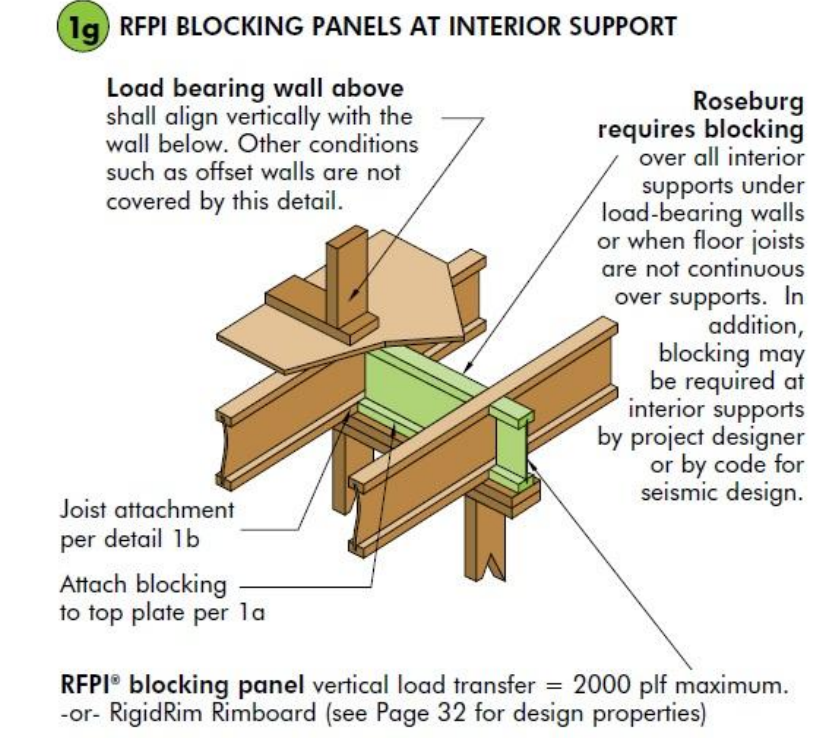
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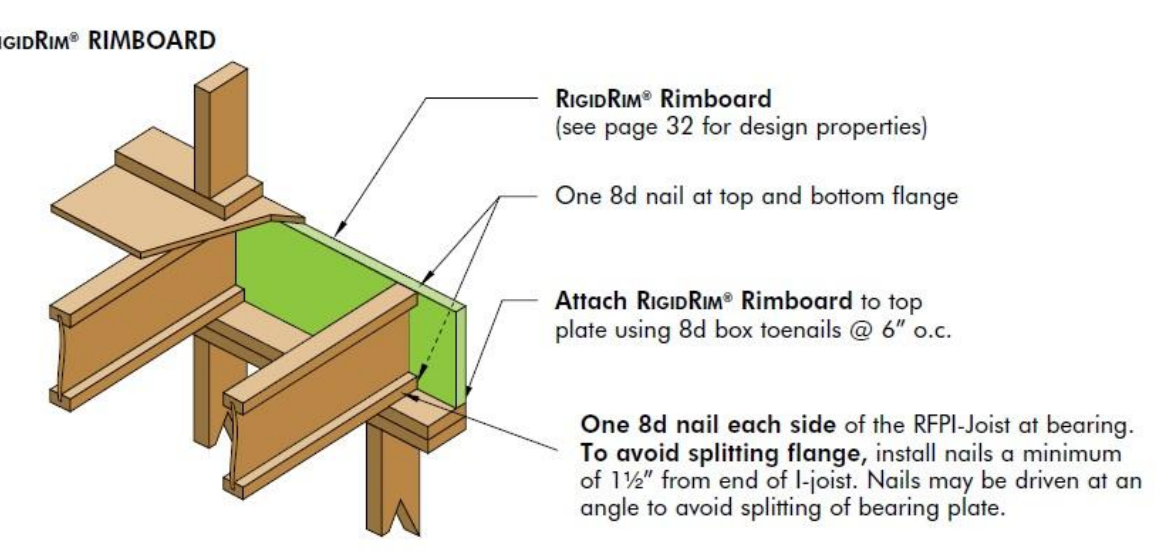
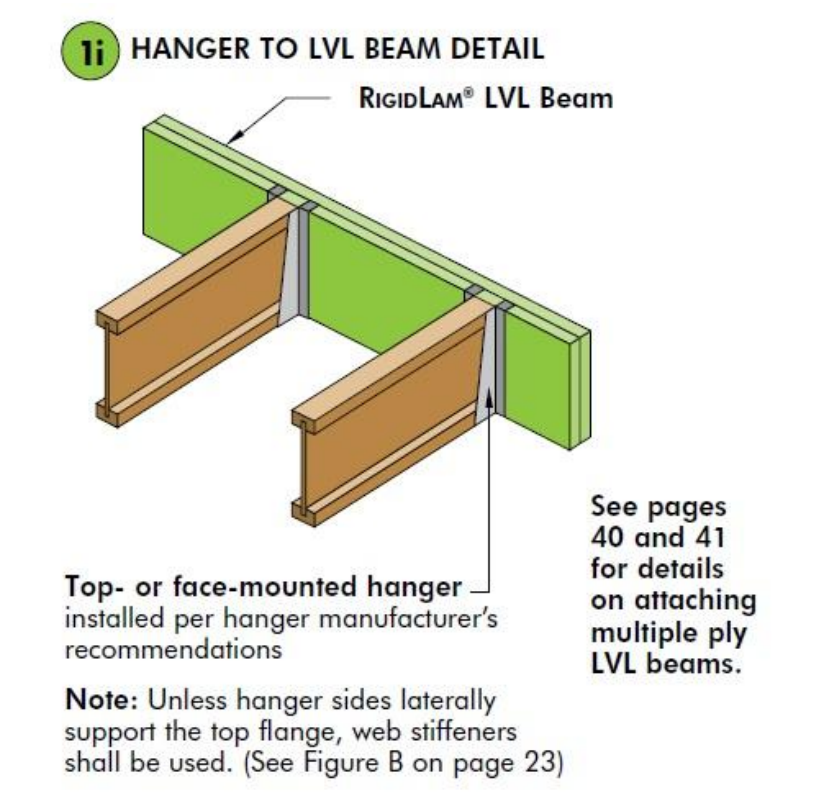
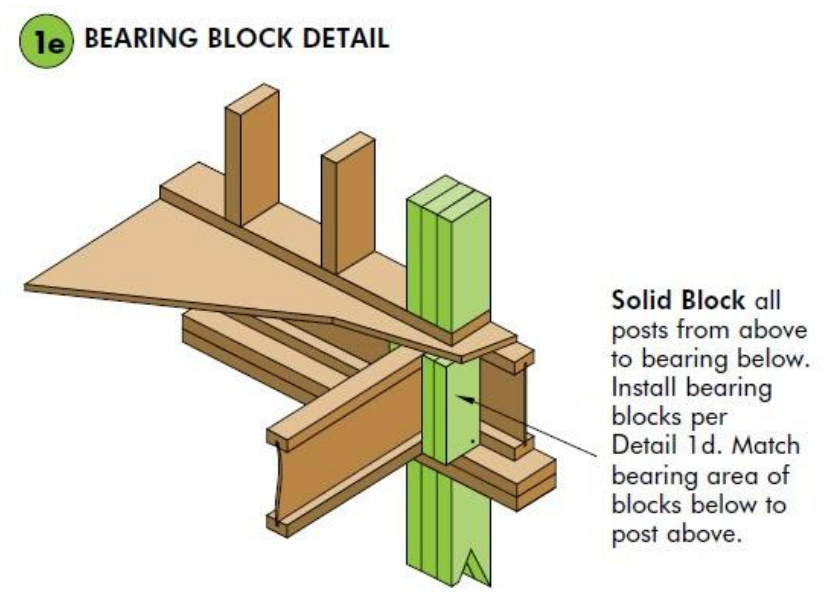


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**Roof**  
Design Method ASD (USA)  
Building Code IRC 2018

**Floor**  
Loads  
Live 0  
Dead 15  
Snow 20

Deflection Joist  
LL Span / 480  
TL Span / 240

Deflection Flush Girder  
LL Span / 480  
TL Span / 240

Deflection Dropped Girder  
LL Span / 480  
TL Span / 240

Deflection Header  
LL Span / 480  
TL Span / 240

Decking  
OSB  
23/32 APA Rated Sturd-I-Floor

**SCALE: 1/4"=1'-0"**

**Roseburg**  
A Forest Products Company