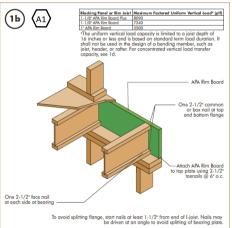
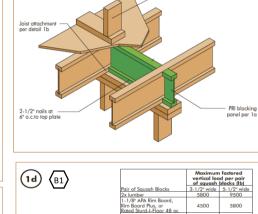
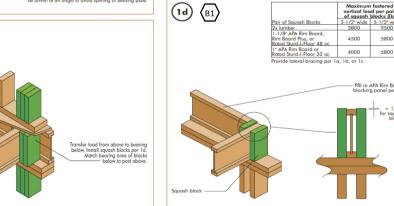
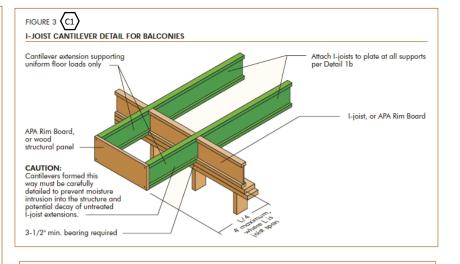
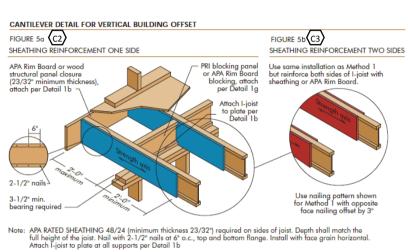
**1g** (B3)

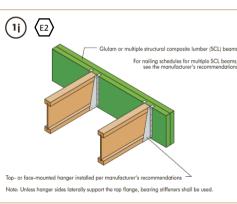


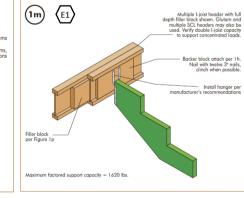












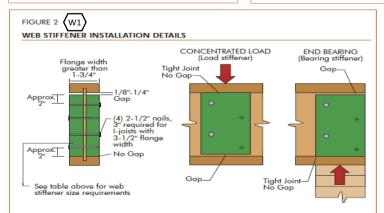
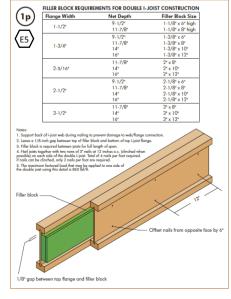


TABLE 1	
STIFFENER SIZE REQUIREMENTS	
Flange Width	Web Stiffener Size Each Side of Web
2-1/2"	1" x 2-5/16" minimum width
3-1/2"	1-1/2" x 2-5/16" minimum width



block to a double I-joist, drive 3 ad the backer block will fit. Clinch. Ins clinched when possible. Maximum BACKER BLOCKS (Blocks must be I	tall backer tight t factored resistan ong enough to p	o top flange. Use twelve ce for hanger for this det ermit required nailing wi	3" nails, ail — 1620 lbs thout splitting)
\E3/	Flange Width	Material Thickness Required*	Minimum Depth**
_ (	1-1/2"	19/32*	5-1/2"
\	1-3/4"	23/32"	5-1/2"
\	2-5/16"	1"	7-1/4"
\	2-1/2"	1"	5-1/2"
\	3-1/2"	1-1/2"	7-1/4"
	be Utility gre lumber and structural po ** For face- minus 3-1/4	grade for backer block made SPF (south) or better to Rated Sheathing grade finels. nount hangers use net jo It for joists with 1-1/2" thi k flanges use net depth n	for solid sawn or wood ist depth ick flanges. Fo
per Figure 1p		Doubl	e l-joist header Top- or face-mounted hanger
Note: Unless hanger sides laterally support the top flange, bearing siffeners shall be used.			
Backer block required (both sides for face-mounted hangers)			
For hanger capacity see hanger manufacturer Verify double I-joist capacity to support concer		ons.	

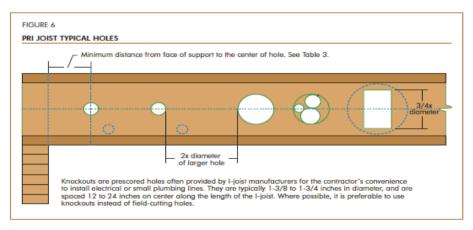
Max Loading - Live 40 psf, Dead 30 psf Max Spacing = 24" o.c

**Residential Install Guide** 

			Round Hole Diameter ( inches )								
	Joist Depth	Joist Span	2"	3"	4"	5"	6"	6 1/4"	8 5/8"	10 3/4"	12 3/4"
		6	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"			
	9 1/2	10	1'-0"	1'-0"	1'-3"	2'-3"	3'-4"	3'-7"			
	31/2	14	1'-11"	2'-11"	3'-11"	5'-0"	6'-2"	6'-5"			
		18	4'-6"	5'-7"	6'-8"	7'-10"	9'-0"				
0	11 7/8	8	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	2'-5"		
10 & PKI 20		12	1'-0"	1'-0"	1'-0"	1'-7"	2'-6"	2'-9"	5'-3"		
		16	1'-5"	2'-4"	3'-3"	4'-3"	5'-3"	5'-6"			
		20	4'-0"	5'-0"	6'-0"	7'-0"	8'-1"	8'-4"			
	14	12	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-1"	3'-3"	5'-4"	
		16	1'-0"	1'-0"	1'-8"	2'-7"	3'-6"	3'-8"	6'-0"		
圣		20	2'-6"	3'-4"	4'-3"	5'-3"	6'-2"	6'-5"	8'-10"		
1-		24	5'-1"	6'-0"	7'-0"	8'-0"	9'-0"	9'-3"	11'-9"		
		14	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	2'-11"	4'-10"	6'-11"
	16	18	1'-0"	1'-0"	1'-5"	2'-4"	3'-2"	3'-5"	5'-7"	7'-8"	
	10	22	2'-4"	3'-2"	4'-1"	4'-11"	5'-10"	6'-1"	8'-5"	10'-7"	
		26	4'-11"	5'-10"	6'-9"	7'-8"	8'-7"	8'-10"	11'-3"		

Max Loading - Live 40 psf, Dead 30 psf

Max Spacing = 24" o.c											
					Rou	nd Hole Diameter ( inches )					
	Joist Depth	Joist Span	2"	3"	4"	5"	6"	6 1/4"	8 5/8"	10 3/4"	12 3/4"
		8	1'-0"	1'-0"	1'-0"	1'-0"	2'-0"	2'-3"			
	0.4/0	12	1'-0"	1'-7"	2'-7"	3'-8"	4'-9"	5'-0"			
	9 1/2	16	3'-2"	4'-3"	5'-4"	6'-5"	7'-7"	7'-11"			
10		20	5'-11"	7'-0"	8'-1"	9'-3"					
20		12	1'-0"	1'-0"	1'-0"	1'-7"	2'-6"	2'-9"	5'-3"		
& PKI	11 7/8	16	1'-5"	2'-4"	3'-3"	4'-3"	5'-3"	5'-6"			
		20	4'-0"	5'-0"	6'-0"	7'-0"	8'-1"	8'-4"			
9		24	6'-8"	7'-9"	8'-9"	9'-10"	10'-11"	11'-2"			
X	14	14	1'-0"	1'-0"	1'-0"	1'-3"	2'-2"	2'-4"	4'-7"	6'-10"	
۱ ح		18	1'-2"	2'-1"	2'-11"	3'-10"	4'-10"	5'-1"	7'-5"		
35		22	3'-9"	4'-8"	5'-7"	6'-7"	7'-7"	7'-10"	10'-3"		
PK IX		26	6'-5"	7'-5"	8'-4"	9'-4"	10'-5"	10'-8"			
		16	1'-0"	1'-0"	1'-0"	1'-0"	1'-11"	2'-1"	4'-3"	6'-3"	
	1.5	20	1'-0"	1'-10"	2'-9"	3'-7"	4'-6"	4'-9"	7'-0"	9'-2"	
	16	24	3'-7"	4'-6"	5'-5"	6'-4"	7'-3"	7'-6"	9'-10"	12'-0"	
		28	6'-3"	7'-2"	8'-1"	9'-1"	10'-0"	10'-3"	12'-8"		



## Cutting the Hole

- Never drill, cut or notch the flange, or over-cut the web.
- Holes in webs should be cut with a sharp saw.
- For rectangular holes, avoid over cutting the corners, as this can cause unnecessary stress concentrations. Slightly rounding the corners is recommended. Starting the rectangular hole by drilling a 1" diameter hole in each of the 4 corners and then making the cuts between the holes is another good method to minimize damage to I-joist.



in the ne-Fir. All nails to be Sp

**Equivalent LP** 

**Detail Callout**