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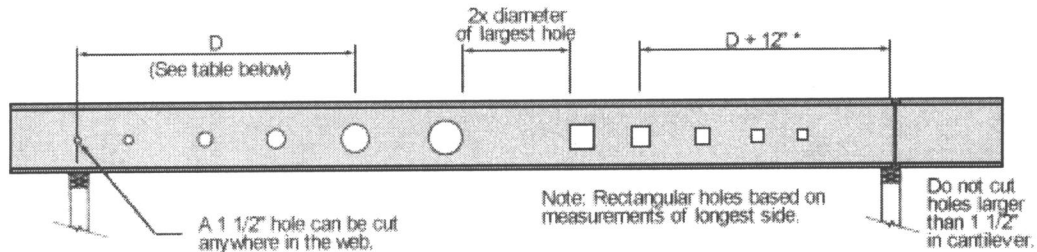
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BOISE CASCADE WESTERN ENGINEERED WOOD PRODUCTS SPECIFIER GUIDE

Hole Location & Sizing

Perforated Knockouts for Ventilation or Electrical Wiring

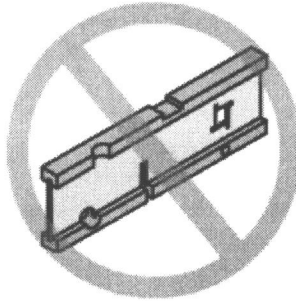
BCI joists are manufactured with 1 1/2" round perforated knockouts in the web at approx. 12" o.c.



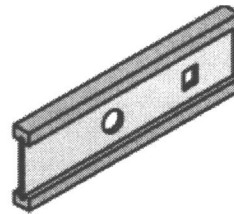
A 1 1/2" hole can be cut anywhere in the web.

Note: Rectangular holes based on measurements of longest side.

Do not cut holes larger than 1 1/2" in cantilever.



DO NOT
cut or notch flange



DO
cut in web area as specified

MINIMUM DISTANCE (D) FROM HOLE TO ANY SUPPORT														
JOIST TYPE	ROUND HOLE SIZE													
	2"	3"	4"	5"	6"	6 1/2"	7"	8"	8 7/8"	9"	10"	11"	12"	13"
9 1/2" BCI 400 & 450	1'-0"	2'-0"	3'-0"	4'-0"	5'-0"	5'-9"	-	-	-	-	-	-	-	-
11 7/8" BCI 400, 450 & 600	1'-0"	2'-0"	2'-6"	3'-6"	4'-0"	4'-6"	5'-0"	5'-9"	6'-9"	-	-	-	-	-
14" BCI 400, 450 & 600	1'-0"	2'-0"	2'-6"	3'-6"	4'-0"	4'-6"	5'-0"	5'-9"	6'-9"	6'-9"	7'-9"	9'-3"	-	-
16" BCI 450 & 600	1'-0"	2'-0"	2'-6"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-6"
18" BCI 600	1'-0"	2'-0"	2'-6"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-0"	7'-0"	8'-0"	8'-0"	8'-0"
20" BCI 600	1'-0"	2'-0"	2'-6"	3'-6"	4'-0"	4'-6"	5'-0"	5'-6"	6'-0"	6'-0"	7'-0"	8'-0"	8'-0"	8'-0"

* For rectangular holes, use longest dimensions of hole size to obtain (D) from table, then add 12".

- For multiple holes, the amount of web to be left between holes must equal twice the length of the largest adjacent hole.
- Holes may be positioned vertically anywhere within the web.