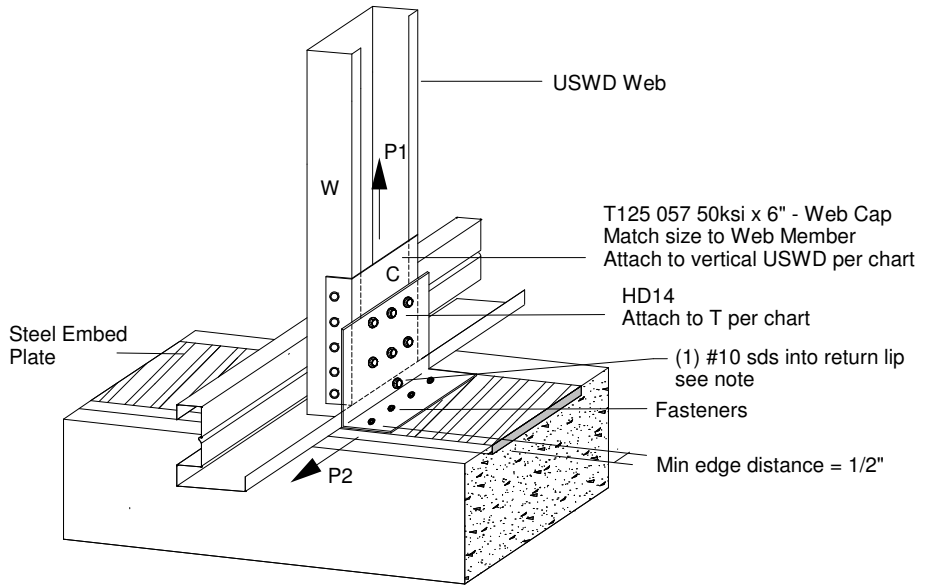


MAXIMUM REACTION (LBS)			
WEB	#10 SDS HD-C	#10 SDS C-W	UPLIFT P1
423HD14	035	2	485
		3	730
		4	970
	046	2	840
		3	1200
		5	1200
426HD14	046	4	1675
		5	2095
	057	4	1880
		5	2350

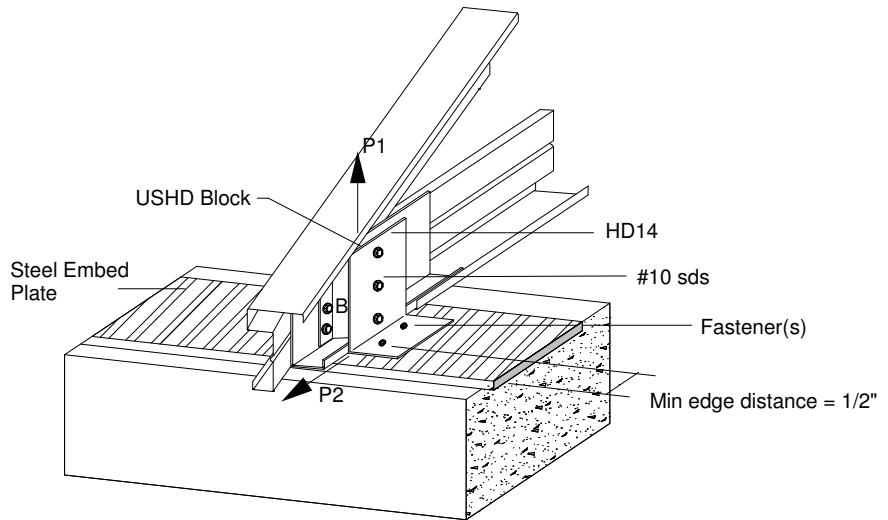
Values based on steel thickness of 1/4" - 1/2"



Horizontal Reaction, P2 = 155 lbs
Horizontal Reaction increased to 395 lbs w/ (1) #10 sds installed into return lip

MAXIMUM REACTION (LBS)			
	HILTI X-U	#10 SDS	UPLIFT P1
423HD14	2	2	940
		3	1200
426HD14	3	4	1880
		5	2325

Values based on steel thickness of 1/4" - 1/2"



Horizontal Reaction, P2 = 630 lbs

- 1) Min. screw spacing & edge distance = 9/16".
- 2) Min. PAF spacing = 1", Min. Edge Dist = 1/2"
- 3) Min. bearing width for 426HD14 = 6".
- 4) Refer to the Hilti Product Technical Guide for installation requirements and application limits.
- 5) Equivalent PAF's may be substituted.
- 6) Place PAF's thru or in line w/ holes in HD14.
- 7) When this connection detail is applied to both plies of a 2-ply truss, the capacities double.
- 8) This detail does not indicate or imply that the depicted bearing is structurally adequate for the loads shown. Design of bearing is req'd.
- 9) Max. Reactions shown are non-concurrent.

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USD TRUSS TO BEARING CONNECTION
423/426HD14 - EMBED PLATE

DETAIL NO.

D-EMB-1

CATEGORY

STANDARD DETAILS

DATE

3/3/09