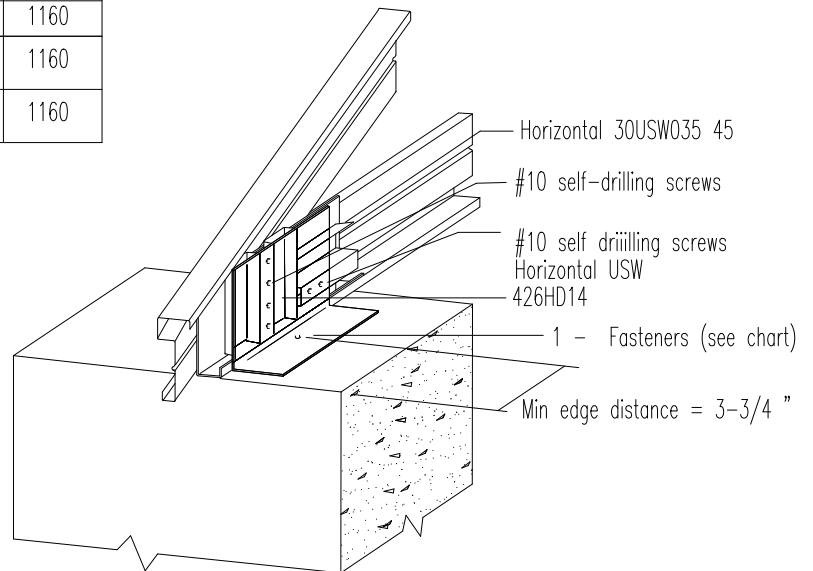


MAXIMUM UPLIFT - GROUT FILLED				MAX. HORIZONTAL		
Fastener	#10 sds	Embed.	Uplift	#10 sds HORIZ. USW		
				1	2	3
Hilti Kwik-Bolt II 1/4" dia	2	1.125	359	510	744	744
	3	2.00	744	510	784	784
Hilti Kwik-Bolt II 3/8" dia	4	3.75	891	510	784	784
	2	1.625	571	510	834	1160
Hilti Kwik-Bolt II 3/8" dia	3	2.50	969	510	834	1160
	4	2.50	1236	510	834	1160
Hilti Kwik-Bolt II 1/2" dia	4	2.25	1292	510	834	1160
	5	3.50	1450	510	834	1160



- 1) Reference manufacturer's catalog for proper installation of fasteners
- 2) Web or heel stiffener must be attached to chord with 4-#10 sds
- 3) Attach horizontal 30USW035 45 to bottom chord w/ 3 - #10 sds
- 4) Install fasteners into grout (2000 psi min.), one fastener per unit cell.
- 5) Minimum spacing of #10 screws = 9/16"
- 6) Proper design of support for all reaction shall be the responsibility of qualified designer/engineer.
- 7) Maximum horizontal without horizontal web is 188 lbs.