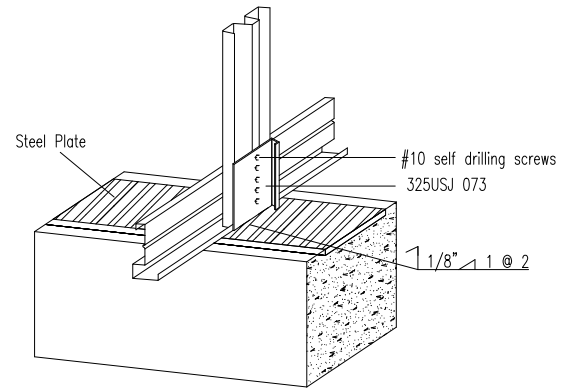
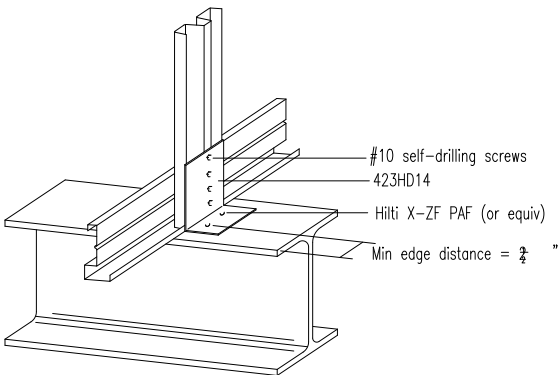
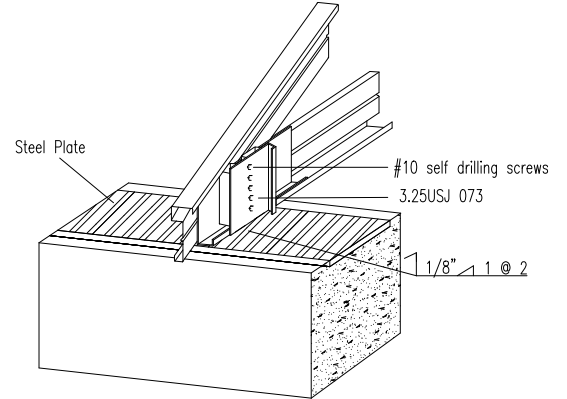
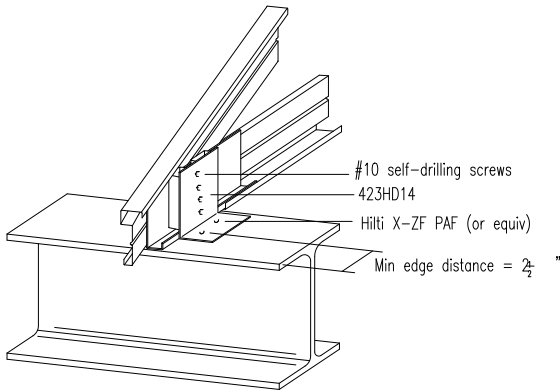
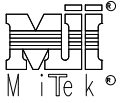


US2EMB-3

ULTRA-SPAN TRUSS UPLIFT CONNECTION TO IBEAM
WELDED USJ



MAXIMUM UPLIFT CAPACITY		
Web Gage	#10 sds	Uplift(lbs)
035	2	646
	3	970
	4	1290
	5	1615
046	2	1115
	3	1617
	4	2225
	5	2800
057	2	1365
	3	2045
	4	2725
	5	3400

- 1) Web or heel stiffener attached to bottom chord as required for uplift based on gage of web and bottom chord. 5 - #10 sds may be used for all uplifts shown.
- 2) Minimum screw spacing = 9/16"
- 3) Uplift values include 1.33 increase for wind or seismic. No further increase is permitted. For uplifts not resulting from wind or seismic, reduce capacities to 75% of values shown.
- 4) Minimum steel thickness = 1/4"
- 5) Follow AWS regulations to ensure quality welds
- 6) 423HD14 welded to steel beam prior to installation of truss
- 7) Maximum horizontal reaction = 188 lbs
- 8) When truss is 2-ply, connection applied to each ply (Capacities Doubled)
- 9) Steel Plate, and its connection to CMU/Concrete wall shall be designed by a qualified designer for design loads.

TARGET SCALE: 1 1/2" = 1'-0"

Arcof file no.: 05401013

(Mfr file no.: US2EMB-3)