

Adjustable Bolted Corner Connection

Leviat's best-in-class portfolio of Halfen Anchor Channels and T-bolts specifically engineered for panel corner connections.

BENEFITS OF ADJUSTABLE BOLTED CONNECTION:

- **Reduced Labor Cost** – as bolted connections can be installed by the same crew members that erected the panels
- **Non-weldable connection** – no need for a certified welder or welding inspection as only a torque wrench is required for installation
- **Adjustable Connection** – which counteracts construction problems caused by foundation elevation issues or panel placement inconsistencies.
- **Simplified Connection** – channel connections are easily adjustable and can be made in any weather condition
- **Reduced Overall Construction Times** – by eliminating the labor-intensive installation and time-consuming inspection procedures associated with traditional weld plates and field welding.

Halfen adjustable channel corner connection kits are available in two standard profiles for minimum wall panel thicknesses of 6" and 8".

HZA DYNAGRIP[®]
Toothed Anchor
Channel



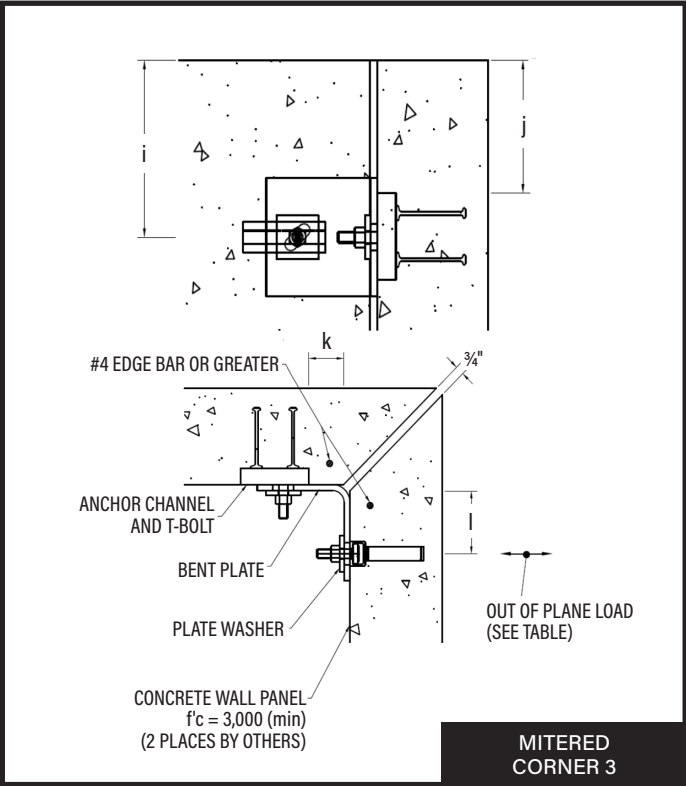
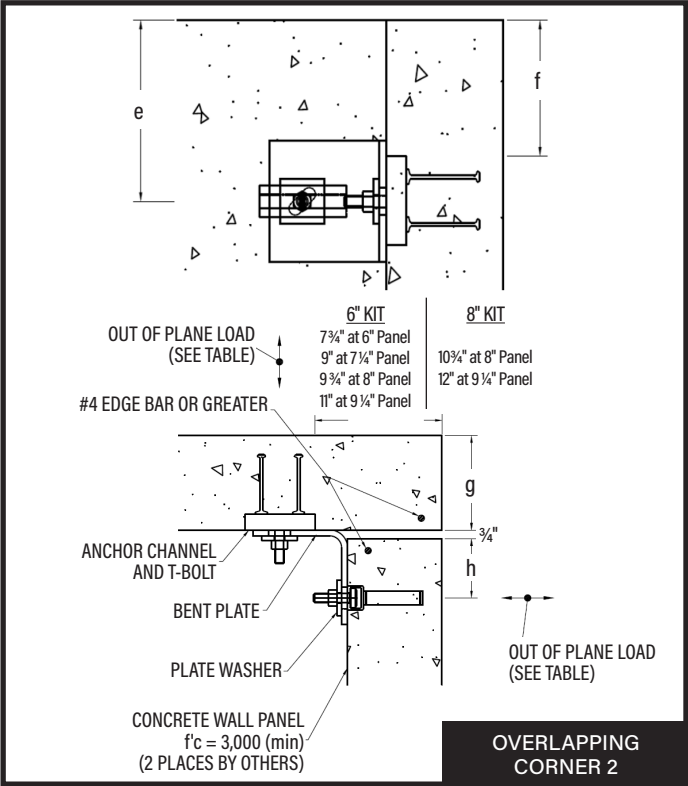
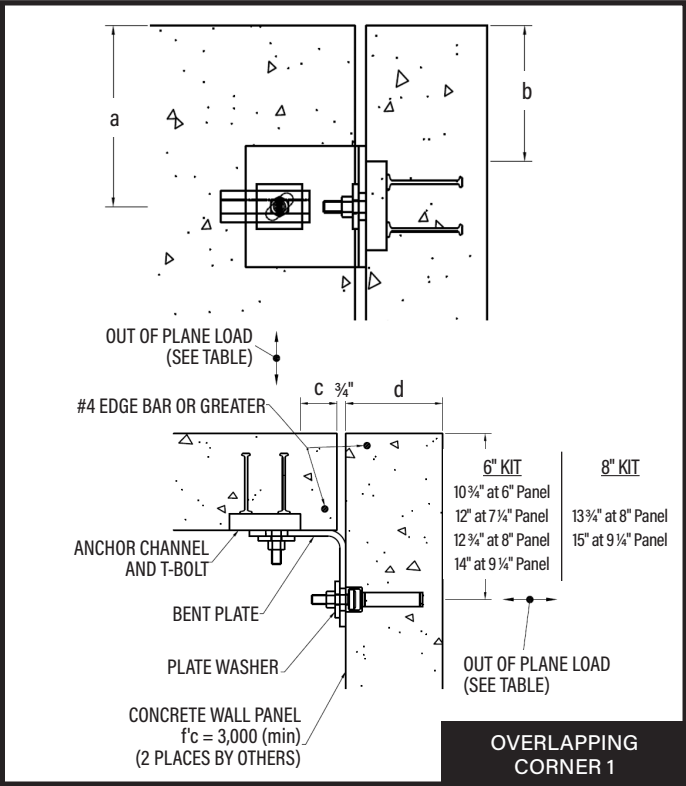
ICC ESR
ESR 4016



HALFEN

Kit Item Name	Concrete Strength	Design Capacity	Kit Part Number	Kit Items	Kit Qty	Item Number
Corner Assembly 90 Degree 6" (Kit)	3,000 psi	1,500 lbf	0105.899-00006	L7x7x3/8x7" Bent Plate	1	0105.899-00010
	4,000 psi	1,750 lbf		3x3x3/8" plate washer, M16	2	0105.899-00020
	5,000 psi	2,000 lbf		HZA-BA 38/23-HDG- 150/2	2	2002.020-00502
				HZS 38/23 M16x 60 HDG 8.8 (US)	2	0352.068-00202
Corner Assembly 90 Degree 8" (Kit)	3,000 psi	2,600 lbf	0105.899-00008	8x8x1/2x 8" Bent Plate	1	0105.899-00015
	4,000 psi	3,000 lbf		3x3x3/8" plate washer, M20	2	0105.899-00022
	5,000 psi	3,400 lbf		HZA 53/34 HDG-150 (US)	2	0002.050-00501
				HZS 53/34 M20 x 65 GV-S8.8	2	0352.080-00003

Standard Corner Connections



Dimension	6" Kit	8" Kit
a	9" (min)	12" (min)
b	6" (min)	9" (min)
c	2"	3"
d	6" (min)	8" (min)
e	9" (min)	12" (min)
f	6" (min)	9" (min)
g	6" (min)	9" (min)
h	4"	5"
i	9" (min)	12" (min)
j	6" (min)	9" (min)
k	2"	3"
l	4 1/4"	5 1/4"

Engineer of Record to specify number of connections per joint and max. connection spacing (min. connection spacing = 18" O.C. for 6" panel kit, 24" O.C. for 8" panel kit)

#4 Edge bar or greater required between anchor channel and edge.

NOTES:

1. Out of plane loads are assumed to act on one side of corner at any point in time.
2. Horizontal Anchor Channel allows for +/- 1" left/right tolerance.
3. Vertical Anchor Channel allows for +/- 2" up/down tolerance.
4. Each side of bracket allows for +/- 0.5" left/right & up/down tolerance.