INSET CORNER GIRT DETAILS

CE0015 - INSET CORNER H.R. GIRT DETAIL
CE0110 - INSET CORNER ROTATED COLUMN GIRT DETAIL
CE0241 - INSET CORNER ROTATED COLUMN GIRT DETAIL
CE1010 - INSET CORNER WELDED GIRT DETAIL
CE0015 - INSET CORNER 8" H.R. GIRT DETAIL

Download the DWG file by clicking here.

MAG02 ANGLE
EXTEND TO
ENDWALL GIRT
ATTACH WITH (3)
H1070
FASTENERS

CLIP MK. GCC03
SHOP WELDED PLATE
HOT-ROLLED GIRT

SHOP WELDED/Stiffener

SECTION A

HOT-ROLLED GIRT ENDWALL COLUMN

LEFT HAND DETAIL
SHOWN, RIGHT HAND
OPPOSITE

H.R.
GIRT

5 1/4"
END OF GIRT

1/4"
STEEL LINE

STEEEL LINE

GIRT ANGLE MK. MAG02 WITH (3) H1070
FASTENERS

1'-4"

SECTION A

CENTERLINE
OF COLUMN

SHOP WELDED PLATE

CLIP MK. GCC03 (TOED UP)

SHOP WELDED STIFFENER

HOT-ROLLED GIRT

(2) 1/2" x 2" A325 BOLTS
(H0603) AND NUTS (H0300)
TYPICAL

SHOP WELDED PLATE

HOT-ROLLED GIRT

ENDWALL COLUMN

FACED OF COLUMN

3 1/2"

2 1/4"

6 1/2"

4 1/2"

(+/-)

HOT-ROLLED GIRT CORNER DETAIL

8" HOT-ROLLED GIRT AT INSET CORNER.
NOTE: USE (6) 1/2" x 2" A325 BOLTS (MK. H0603) & NUTS (MK. H0300)
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

Detailer Notes:

1) DETAIL FOR HOT ROLLED & BUILT-UP COLUMN ONLY
2) CLIP TO HR GIRT & STIFFENER: GCP06
3) STIFFENER TO COLUMN: STFBR
4) CLIP TO HR GIRT: HCS08
CE0110 - INSET CORNER COLUMN GIRT DETAIL

Download the DWG file by clicking here.

INSET CORNER COLUMN GIRT DETAIL

NOTE: USE (6) 1/2" x 1 1/4" A307 BOLTS H0500/NUTS H0400
REFERENCE STANDARD WASHER DETAIL FOR TYPICAL WASHER REQUIREMENTS

Detailer Notes:
1) (4) HOLE WELDED CLIP:
   8" - PCU01
   9 1/2" - GCB62
   12" - GCB12

2) (2) HOLE WELDED CLIP:
   8" - GRC09
   9 1/2" - GRC03
   12" - GRC09
CE0241 - INSET CORNER GIRT DETAIL
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INSET CORNER GIRT DETAIL
NOTE: USE (4) 1/2" x 1 1/4" A307 BOLTS H0500/
NUTS H0400. REFERENCE STANDARD WASHER DETAIL FOR TYPICAL
WASHER REQUIREMENTS

Detailer Notes:
1) WELDED CLIP TO COLUMN: GFI02
2) ADD STIFFENER PER DESIGN: WS_04
ERECTOR NOTE

GIRT CLIPS ARE FACTORY PUNCHED TO BE USED WITH MULTIPLE GIRT DEPTHS. REFER TO THE STANDARD BOLT PLACEMENT DETAIL(S) FOR PROPER BOLT PLACEMENT.

LEFT HAND DETAIL SHOWN,
RIGHT HAND OPPOSITE

SECTION "A"

CLIP MK. GCA01
SHOP WELDED CLIP
(IF REQ'D)
GIRT (IF REQ'D)

END OF GIRT
6 1/4"

1/4"

1'-4"

6 1/2"

3/4"

GIRT ANGLE MK. MAG02 WITH (3) H1020 SCREWS.
(PLACE ANGLE FROM GIRT TO FLANGE OF COLUMN)

CORNER GIRT DETAIL

CORNER INSET GIRT DETAIL WITH WELDED CLIPS
NOTE: USE (6) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400
REFERENCE WASHER DETAIL FOR TYPICAL WASHER REQUIREMENTS

Detailer Notes:
1) WELDED CLIPS TO COLUMN: GFI02
2) ADD STIFFENER PER DESIGN: WS_04

CE1010

CERTIFIED ERECTION DETAILS

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