



# Cubic Designs Inc.

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## BAR JOIST CORNER COLUMN

DETAIL

102

### CORNER COLUMN

\* BOTTOM CHORD ANGLES OF JOIST GIRDER STRADDLE STABILIZER TUBE.

IF ADDITIONAL STABILITY IS NEEDED, FASTEN EACH END OF BOTTOM CHORD ANGLES TO  $\frac{3}{4}$ "x $1\frac{1}{2}$ " TUBE WITH (2) TEK 3'S AFTER 90% OF PERMANENT LOAD IS PRESENT ON MEZZANINE. TYPICAL ALSO FOR ENDS OF BAR JOISTS.

(2)  $\frac{3}{4}$ " $\phi$  GRADE 5 BOLT, WASHER UNDER BOLT HEAD, & NUT

JOIST GIRDER WITH HOLE PATTERNS

(2)  $\frac{1}{2}$ " $\phi$  BOLT, WASHER UNDER BOLT HEAD, & NUT

$\frac{3}{4}$ "x $1\frac{1}{2}$ " STABILIZER TUBE

$\frac{3}{4}$ "x8"x12" CAP PLATE

UNDER CAP PLATE

SEE PLAN FOR COLUMN SIZE

$\frac{1}{4}$ " GUSSET

BAR JOIST

NOTE: REFER TO DETAIL 109 FOR JOIST END CONDITION

