



B.5

CROSS SECTION @ LINE 8

H

| MEMBER | LOW PLATE | | HIGH PLATE | | OUTSIDE FLANGE | | INSIDE FLANGE | | MEMBER WEB | |
|--------|-----------|-------|------------|-------|----------------|-------|---------------|-------|------------|--------|
| | WIDTH | THICK | WIDTH | THICK | WIDTH | THICK | WIDTH | THICK | DEPTH | THICK |
| 1 | 8.00 | 0.38 | 8.00 | 0.50 | 8.00 | 0.28 | 13.587 | 8.00 | 0.37 | 119.94 |
| 2 | 8.00 | 0.38 | 8.00 | 0.50 | 8.00 | 0.28 | 13.587 | 8.00 | 0.37 | 119.94 |
| 3 | 8.00 | 0.38 | 8.00 | 0.50 | 8.00 | 0.28 | 13.587 | 8.00 | 0.37 | 119.94 |
| 4 | 8.00 | 0.38 | 8.00 | 0.50 | 8.00 | 0.28 | 13.587 | 8.00 | 0.37 | 119.94 |

NOTES:

- 1) FOR COLUMN AND RAFTER MARK NUMBERS, SEE SHEET E5 (MARK NUMBER PLAN).
- 2) FBC___ INDICATES FLANGE BRACING LOCATIONS. FBD___ INDICATES FLANGE BRACING LOCATIONS ON JOIST ROOFS.
- 3) NS/FS INDICATES THAT FLANGE BRACING IS REQUIRED ON BOTH SIDES OF THE FRAME LINE. NOTE FOR EXPANDABLE ENDWALL RIGID FRAMES: IF FLANGE BRACING IS REQUIRED ON BOTH SIDES OF AN EXPANDABLE ENDWALL, THE OPPOSITE SIDE FLANGE BRACE WILL HAVE TO BE INSTALLED AT THE TIME OF EXPANSION. THESE FLANGE BRACES HAVE BEEN PROVIDED, AS REQUIRED, FOR THIS FUTURE CONDITION.
- 4) IF NS/FS FLANGE BRACING IS NOT INDICATED, ONLY ONE FLANGE BRACE IS REQUIRED AND CAN BE LOCATED ON EITHER SIDE OF THE FRAME.
- 5) "*" INDICATES THE LONG SIDE OF THE INTERIOR COLUMNS. IF THE INTERIOR COLUMNS ARE REQUIRED, ORIENT AND ERECT THOSE COLUMNS ACCORDINGLY.
- 6) RIGID FRAMES LOCATED AT THE RIDGE ARE TYPICALLY "FLAT-TOP" COLUMNS, UNLESS INDICATED BY THE "*" SYMBOL.
- 7) RIGID FRAMES SHALL HAVE 50% OF THEIR BOLTS INSTALLED AND TIGHTENED ON BOTH SIDES OF THE WEB ADJACENT TO EACH FLANGE BEFORE THE HOISTING EQUIPMENT IS RELEASED.

| BOLT SCHEDULE | | | | | |
|---------------|----------|-----------------------------|------------|-------|------|
| ID | BOLT QTY | BOLT DESCRIPTION | BOLT PART# | UNIT | UNIT |
| 1 | 8 | BOLT/AUT 5/8" x 2 1/4" A308 | H0810 | H0810 | |
| 2 | 8 | BOLT/AUT 5/8" x 2 1/4" A308 | H0810 | H0810 | |
| 3 | 8 | BOLT/AUT 5/8" x 2 1/4" A308 | H0810 | H0810 | |

DATE

11/26/08

P.E.

END

JZ

CHK

JR

DWN

BW/EV

ISSUE

APPROVAL

DATE

01/29/09

P.E.

END

JZ

CHK

DWN

TJF

ISSUE

REVISED APPROVALS

DATE

03/17/09

P.E.

END

JZ

CHK

DWN

JH

ISSUE

PERMITS FOR APPROVAL

DATE

04/20/09

P.E.

END

CHK

DWN

NJS

ISSUE

REVISED APPROVALS

DATE

P.E.

END

CHK

DWN

ISSUE

NUCOR

BUILDING SYSTEMS

600 APACHE TRAIL

TERRELL, TX 75160

PHONE: (972) 524-5407

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PROJECT NAME:

ASHISH MISHRA

JACKSON, MS

CUSTOMER:

METAL BUILDERS SUPPLY

PEARL, MS

JOB NUMBER:

T08H0501A

SHEET NO:

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