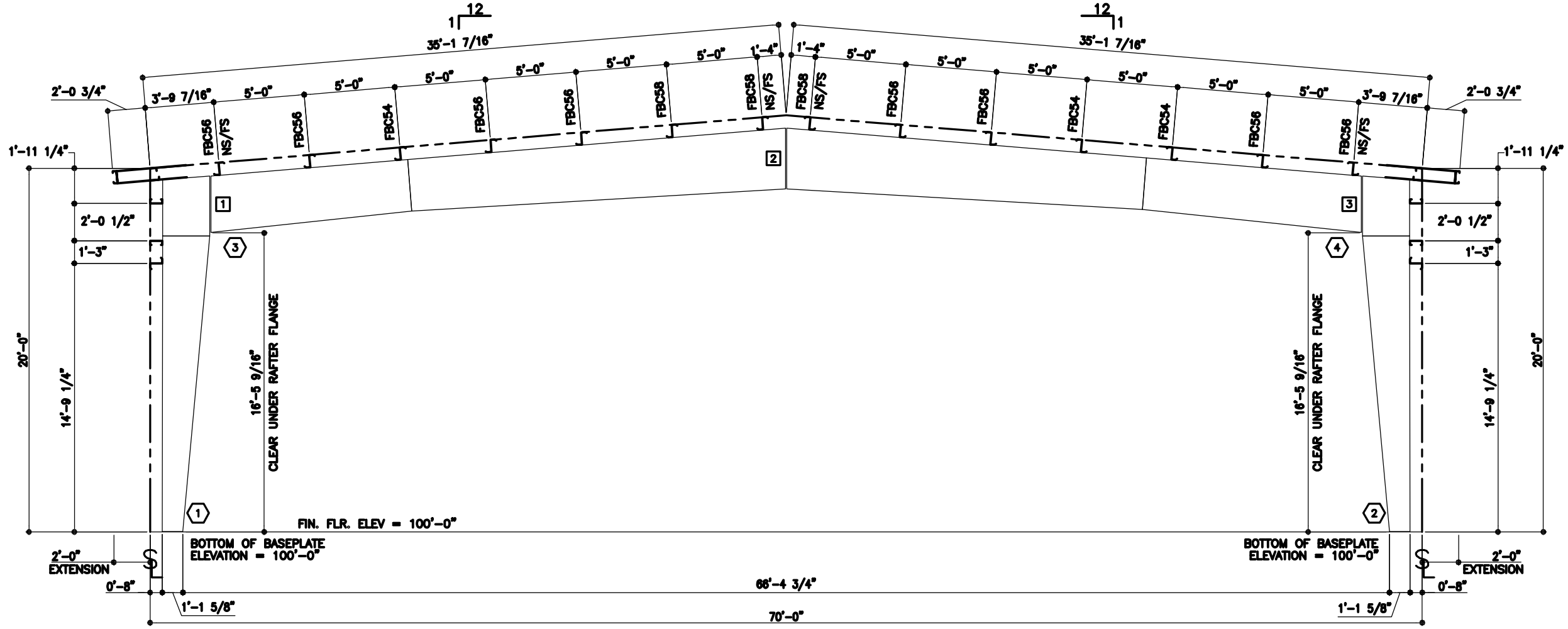

CROSS SECTION @ LINES 3 & 6

MAIN STRUCTURE

MBR ID	LOW PLATE WIDTH	LOW PLATE THICK	HIGH PLATE WIDTH	HIGH PLATE THICK	OUTSIDE FLANGE WIDTH	OUTSIDE FLANGE THICK	OUTSIDE FLANGE LENGTH	INSIDE FLANGE WIDTH	INSIDE FLANGE THICK	INSIDE FLANGE LENGTH	MEMBER WEB DEPTH1	MEMBER WEB THICK	MEMBER WEB LENGTH	MEMBER WEB DEPTH2
1	8.00	0.38	8.00	0.38	8.00	0.31	232.06	8.00	0.31	198.75	13.00	0.19	194.94	31.00
											31.00	0.22	37.06	31.00
2	8.00	0.38	8.00	0.38	8.00	0.31	232.06	8.00	0.31	195.75	13.00	0.19	194.94	31.00
											31.00	0.22	37.06	31.00
3	8.00	0.50	8.00	0.38	8.00	0.25	380.75	8.00	0.31	133.38	37.00	0.22	130.25	34.00
								8.00	0.25	247.19	34.00	0.19	230.50	40.00
4	8.00	0.50	8.00	0.38	8.00	0.25	380.75	8.00	0.31	146.44	37.00	0.22	142.31	34.00
								8.00	0.25	235.19	34.00	0.19	238.44	40.00

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 ENDFRAME, 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.

NOTE: COLUMNS LOCATED AT THE RIDGE ARE TYPICALLY "FLAT-TOP" COLUMNS, UNLESS INDICATED BY THE "*" SYMBOL.

6) 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

CON ID	BOLT QTY	BOLT DESCRIPTION	BOLT PART#	NUT PART#
1	8	BOLT/NUT 5/8" x 2 1/4" A325	H0610	H0310
2	8	BOLT/NUT 5/8" x 2 1/4" A325	H0610	H0310
3	8	BOLT/NUT 5/8" x 2 1/4" A325	H0610	H0310

ISSUE	DWN	CHK	ENG	P.E.	DATE
APPROVAL	BW/EV	JR	JZ		11/26/08
REVISED APPROVALS	TJF		JZ		01/29/09
PERMITS FOR APPROVAL	JH		JZ		03/17/09
REVISED APPROVALS	NJS				04/29/09

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PROJECT NAME: ASHISH MISHRA JACKSON, MS
CUSTOMER: METAL BUILDERS SUPPLY PEARL, MS

JOB NUMBER: T08H0501A

SHEET NO: E6 of 31

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