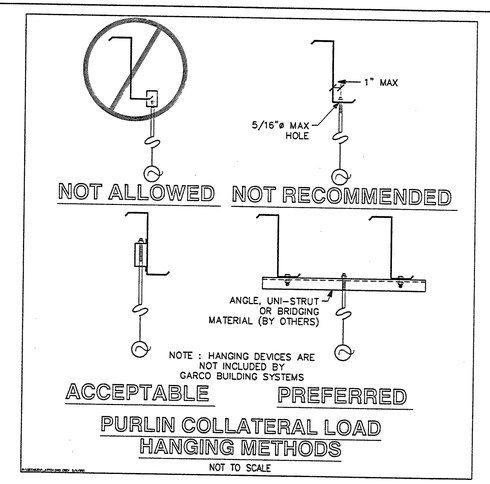

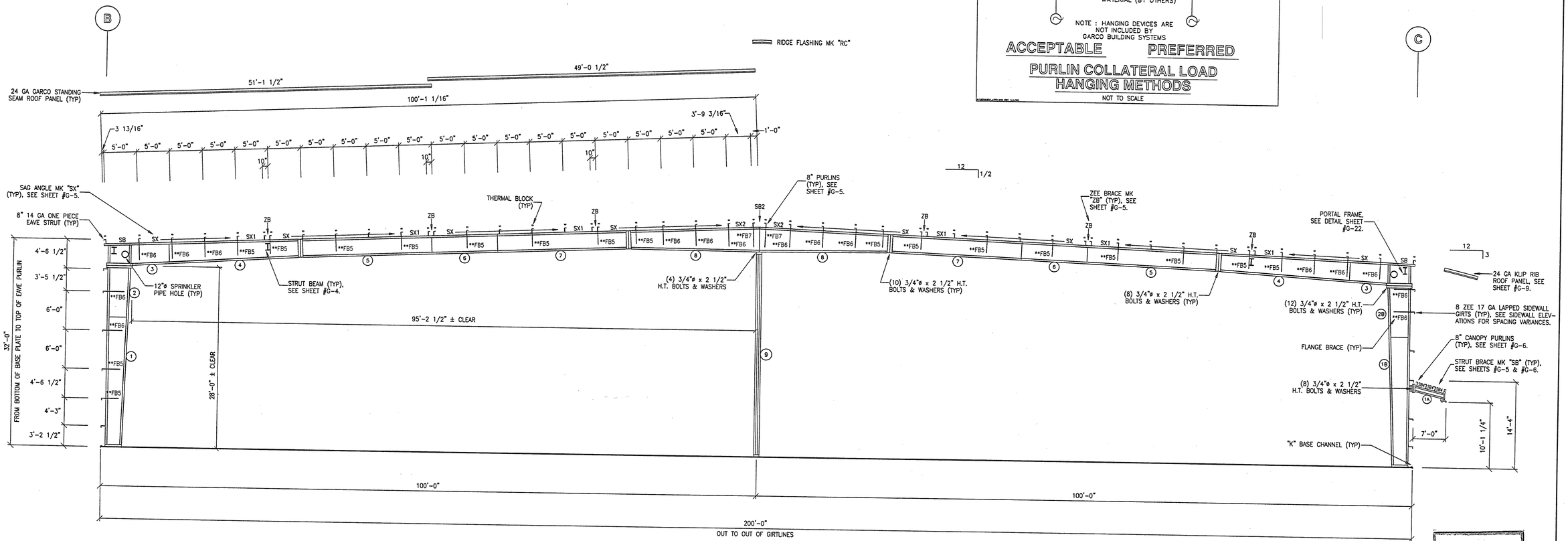

CROSS SECTION AT GRIDLINES "2" & "20"

NOT TO SCALE

FOR CONSTRUCTION

BUILDER NOTE:
USE 1/2"ø X 1" H.T. BOLTS W/NUTS AT FLANGE BRACES (USE 1/2"ø X 1 1/2" H.T. BOLTS W/ NUTS AT FLANGE BRACES MK "**FB-4" OR LARGER) TO WEB.

BUILDER NOTE:
UNLESS OTHERWISE SPECIFIED, REFER TO GARCO STANDARD DETAIL PACKAGE FOR INSTALLATION OF SECONDARY FRAMING, PANELS, AND TRIM.

BUILDER NOTE:
* DENOTES: FLANGE BRACES ON ONE/FAR SIDE OF FRAME. . . . . ** DENOTES: FLANGE BRACES ON BOTH SIDES OF FRAME.

*** BUILDER NOTE ***
THE TIGHTENING AND INSPECTION REQUIREMENTS FOR A-325 BOLTS SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A-325 OR A-490 BOLTS" AS INCLUDED IN PART 5 OF THE LATEST EDITION OF THE "AISC MANUAL OF STEEL CONSTRUCTION".

THE THREE MOST COMMON METHODS OF TIGHTENING WHEN FULL PRETENSIONING IS REQUIRED ARE : A) TURN-OF-NUT TIGHTENING, B) CALIBRATED WRENCH TIGHTENING, (A HARDENED WASHER IS REQUIRED UNDER THE ELEMENT OF THE BOLT BEING TURNED) AND C) DIRECT TENSION INDICATOR TIGHTENING THROUGH USE OF SPECIAL WASHERS OR BOLTS (NOTE: HARDENED WASHERS AND DIRECT TENSION INDICATING DEVICES ARE ONLY PROVIDED BY MANUFACTURING UPON REQUEST).

MEM TYP	OUTER FLG WIDTH	OUTER FLG THICK	INNER FLG WIDTH	INNER FLG THICK	WEB THICK	INITIAL TOTAL DEPTH	FINAL TOTAL DEPTH	MEMB. NODE LENGTH (ft)
1	7.000	0.3750	8.000	0.5000	0.1875	30.0001	38.5837	20.0417
2	7.000	0.3750	8.000	0.5000	0.2500	38.5837	42.0000	7.9600
3	7.000	0.3750	7.000	0.3750	0.2500	42.0000	40.2321	9.2510
4	7.000	0.3750	7.000	0.3750	0.2500	40.2321	34.0000	20.0417
5	6.000	0.5000	6.000	0.3125	0.1875	34.0000	34.0000	20.0417
6	6.000	0.5000	6.000	0.3125	0.1875	34.0000	34.0000	10.0000
7	6.000	0.3750	6.000	0.3750	0.2500	34.0000	34.0000	20.0417
8	10.000	0.5000	10.000	0.7500	0.3125	34.0000	46.0000	20.0434
9	12.000	0.3750	12.000	0.3750	0.1270	10.0000	10.0000	31.6663

MEM TYP	OUTER FLG WIDTH	OUTER FLG THICK	INNER FLG WIDTH	INNER FLG THICK	WEB THICK	INITIAL TOTAL DEPTH	FINAL TOTAL DEPTH	MEMB. NODE LENGTH (ft)
1A	4.000	0.1875	4.000	0.1875	0.1250	10.0000	10.0000	
1B	7.000	0.3750	12.000	0.3750	0.1875	30.0000	38.0000	20.0000
2B	7.000	0.3750	12.000	0.3750	0.2500	38.0000	42.0000	8.0000

REVISIONS
1.) REVISED ROOF PANELS & BASE CHANNEL (8/24/00) (DBD)

FINAL REVISION DATE : 8/16/00 (DBD)

TYPE : RF	SLOPE : 1/2 : 12	SEISMIC LOAD :	1.777	WIND LOAD :	12.976
EAVE : 32.000	SPAN : 200.000	DEAD LOAD :	2.500	SNOW LOAD :	25.000
BAY SPACE :	25.000	COLLATERAL LOAD :	1.500	LIVE LOAD :	0.000

Garco Building Systems Spokane Washington

Job Name :	8009 RIVER DRIVE		
Builder :	KAUFMAN BROTHERS CONST., INC.		
Drawn By :	P.T.P.	Job Number:	20031
Date :	5-9-00	Drw.: 12 Of: 28	Sht.: G-12
Checked By :	EAJ/MSM	Dwg. Name :	C5"2"