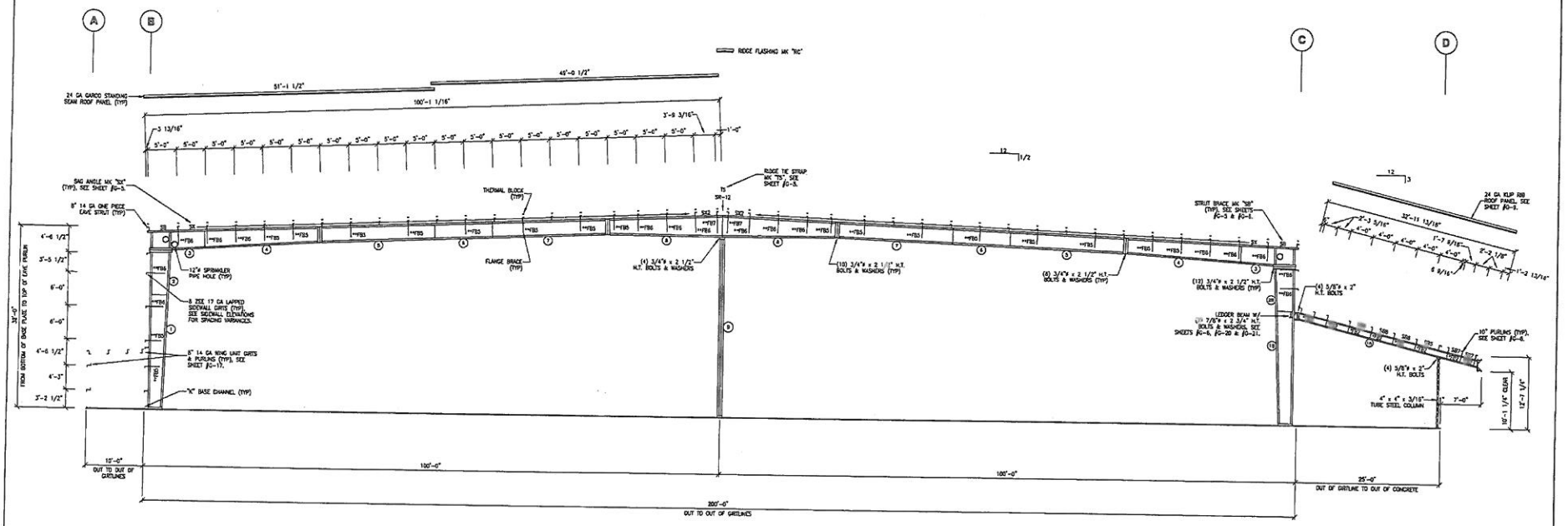


CROSS SECTION AT GRIDLINE "11"

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 WHICH 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 SPECIALTY HARDENED WASHERS AND DIRECT TENSION INDICATING DEVICES ARE ONLY PROVIDED BY MANUFACTURING (FROM SUPPLIER).

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	38.5833	20.0417
2	7.000	0.3750	8.000	0.5000	0.2500	38.5833	42.0000	7.9510
3	7.000	0.3750	7.000	0.3750	0.2500	42.0000	40.2121	9.7510
4	7.000	0.3750	7.000	0.3750	0.2500	40.2121	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	5.000	0.3750	0.2500	34.0000	34.0000	20.0417
8	10.000	0.5000	10.000	0.7500	0.3125	34.0000	46.3000	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	6.000	0.2500	6.000	0.2500	0.1250	15.0000	15.0000	
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

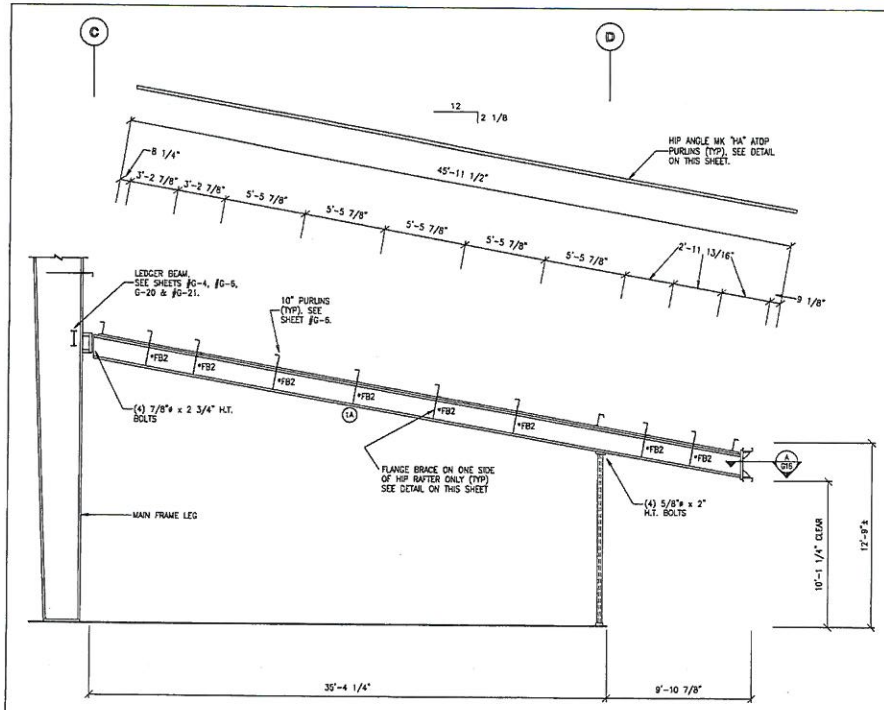
REVISIONS
1.) REVISED ROOF PANELS & BASE CHANNEL (8/24/00) (DBD)

FINAL REVISION DATE : 8/17/00 (DBD)

TYPE : RF	SLOPE :	1/2 : 12	SEISMIC LOAD	:	1.777	WIND LOAD :	12.978
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

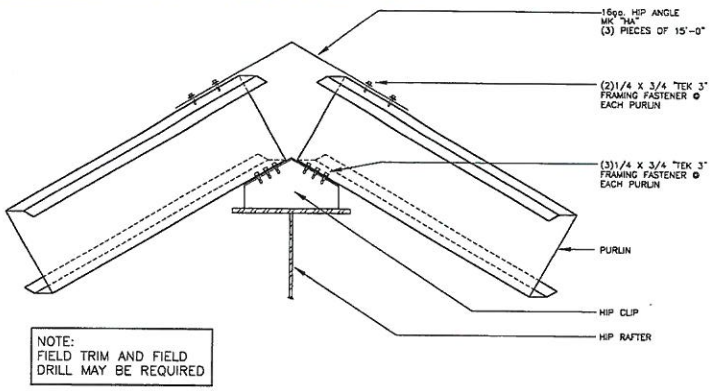
Garco Building Systems Spokane Washington

Job Name :	6009 RIVER DRIVE		
Builder :	KAUFMAN BROTHERS CONST., INC.		
Drawn By :	P.T.P.	Job Number:	20031
Date :	9-10-00	Drw.: 15 Of: 28	Sht.: G-15
Checked By :	EAJ/MSM	Dwg. Name :	CS"11"



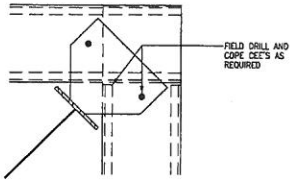
CROSS SECTION AT WING UNIT HIP

NOT TO SCALE



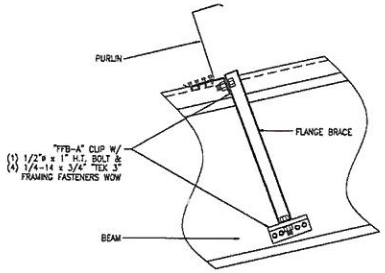
NOTE:
FIELD TRIM AND FIELD DRILL MAY BE REQUIRED

HIP ANGLE DETAIL



SECTION "A"

NOT TO SCALE



FLANGE BRACE CONNECTION AT HIP RAFTER

NOT TO SCALE

FOR CONSTRUCTION

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".
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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	7.000	0.3750	7.000	0.3750	0.1875	18.0000	18.0000	

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)

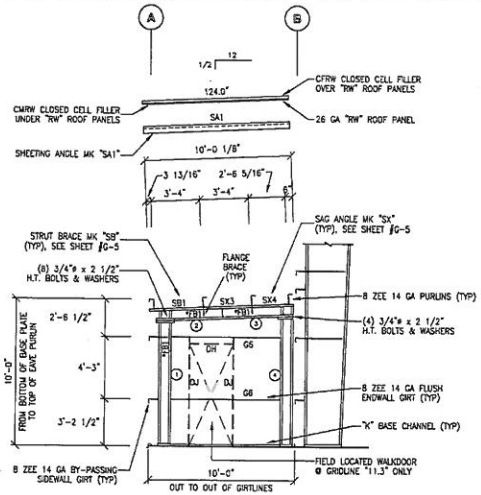
REVISIONS
1.) ADDED FLANGE BRACES AND DETAILS (8-24-00) (DBO)

FINAL REVISION DATE : 8/17/00 (DBO)

TYPE :	SLOPE :	SEISMIC LOAD :	WIND LOAD :
EAVE :	SPAN :	DEAD LOAD :	SNOW LOAD :
BAY SPACE :		COLLATERAL LOAD :	LIVE LOAD :

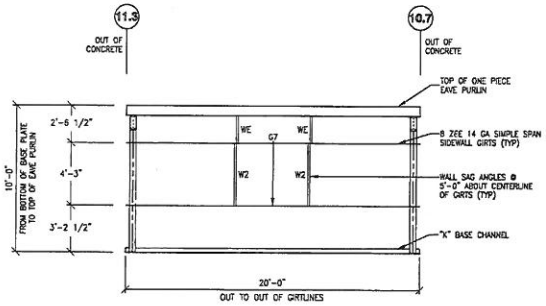
Garco Building Systems Spokane Washington

Job Name :	8009 RIVER DRIVE		
Builder :	KAUFMAN BROTHERS CONST., INC.		
Drawn By :	P.T.P.	Job Number:	20031
Date :	5-16-00	Drw.: 16 Of: 28	Sht.: G-16
Checked By :	EAJ/MSM	Dwg. Name :	HIP



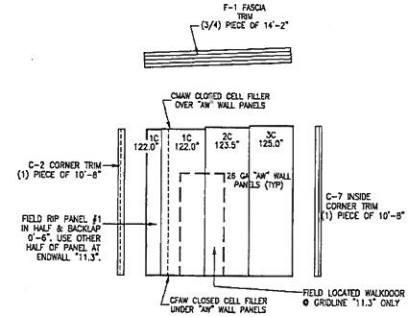
ENDWALL FRAMING AT GRIDLINE "10.7" THUS, ENDWALL FRAMING AT GRIDLINE "11.3" OPP. HAND

NOT TO SCALE



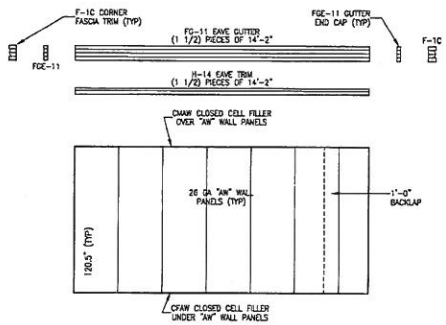
SIDEWALL FRAMING AT GRIDLINE "A"

NOT TO SCALE



ENDWALL PANEL LAYOUT AT GRIDLINE "10.7" THUS, ENDWALL PANEL LAYOUT AT GRIDLINE "11.3" OPP. HAND

NOT TO SCALE



SIDEWALL PANEL LAYOUT AT GRIDLINE "A"

NOT TO SCALE

FOR CONSTRUCTION

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

BUILDER NOTE:
1. USE (1) ROW OF SEALER TAPE ON TOP AND BOTTOM OF ALL CLOSED CELL FILLER AT ROOF PANELS.
2. LOCATE ALL CLOSED CELL FILLER ON WEATHER SIDE OF FASTENERS.

BUILDER NOTE:
1. FIELD LOCATE ALL WALKDOOR, WINDOW, AND LOUVER OPENINGS AS REQUIRED.
2. FIELD MODIFY ALL GIRTS, WALL PANELING, AND TRIM AS REQUIRED FOR WALKDOOR, WINDOW, AND LOUVER OPENINGS (SEE ERECTION DRAWINGS OR STANDARD DETAILS FOR THE APPROPRIATE CONNECTION DETAILS).

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".

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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	4.000	0.1875	4.000	0.1875	0.1270	10.0000	10.0000	8.5543
2	4.000	0.1875	4.000	0.1875	0.1270	10.3000	10.0000	4.1295
3	4.000	0.1875	4.000	0.1875	0.1270	10.5000	10.0000	3.0118
4	4.000	0.1875	4.000	0.1875	0.1270	10.0000	10.0000	8.6564

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)

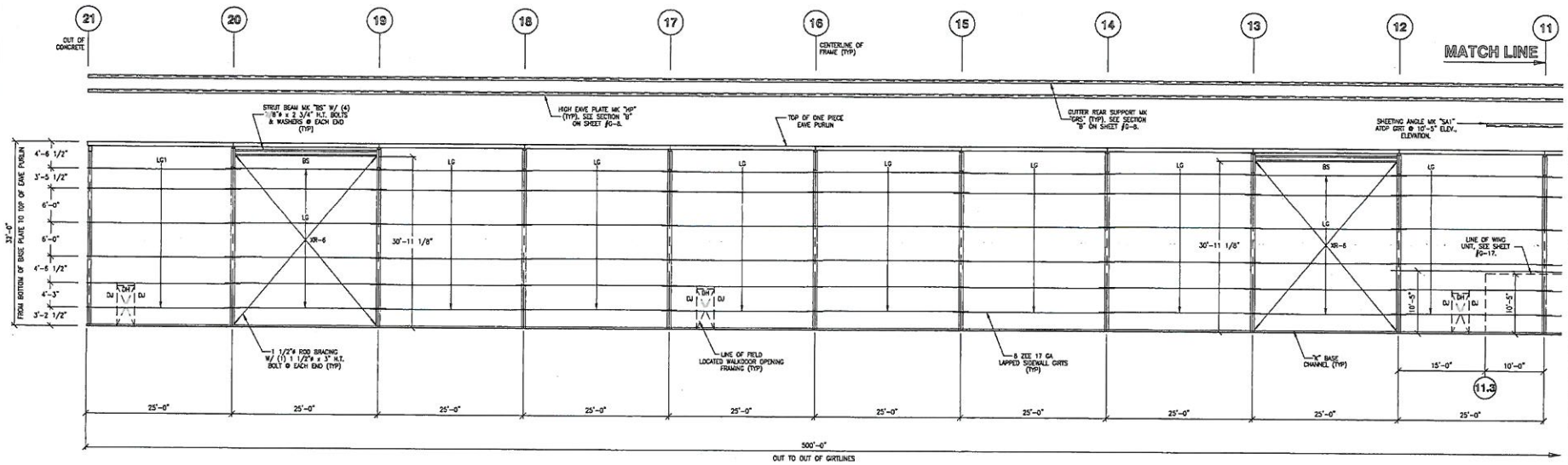
REVISIONS
1.) REVISED BASE CHANNEL & DELETE SILL TRIM (8/24/00) (DBD)

FINAL REVISION DATE : 8/17/00 (DBD)

TYPE : RF	SLOPE : 1/2 : 12	SEISMIC LOAD :	0.000	WIND LOAD :	10.158
EAVE : 10.000	SPAN : 10.000	DEAD LOAD :	2.500	SNOW LOAD :	25.000
BAY SPACE : 10.000		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 :	5-15-00	Drw.: 17 Of: 28	Sht.: G-17
Checked By :	EAJ/MGM	Dwg. Name :	SFA



FOR CONSTRUCTION

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

BUILDER NOTE:
1. FIELD LOCATE ALL WALKDOOR, WINDOW, AND LOUVER OPENINGS AS REQUIRED.
2. FIELD MODIFY ALL GIRTS, WALL PANELING, AND TRIM AS REQUIRED FOR WALKDOOR, WINDOW, AND LOUVER OPENINGS (SEE ERECTION DRAWINGS OR STANDARD DETAILS FOR THE APPROPRIATE CONNECTION DETAILS).

SIDEWALL FRAMING AT GRIDLINE "B"

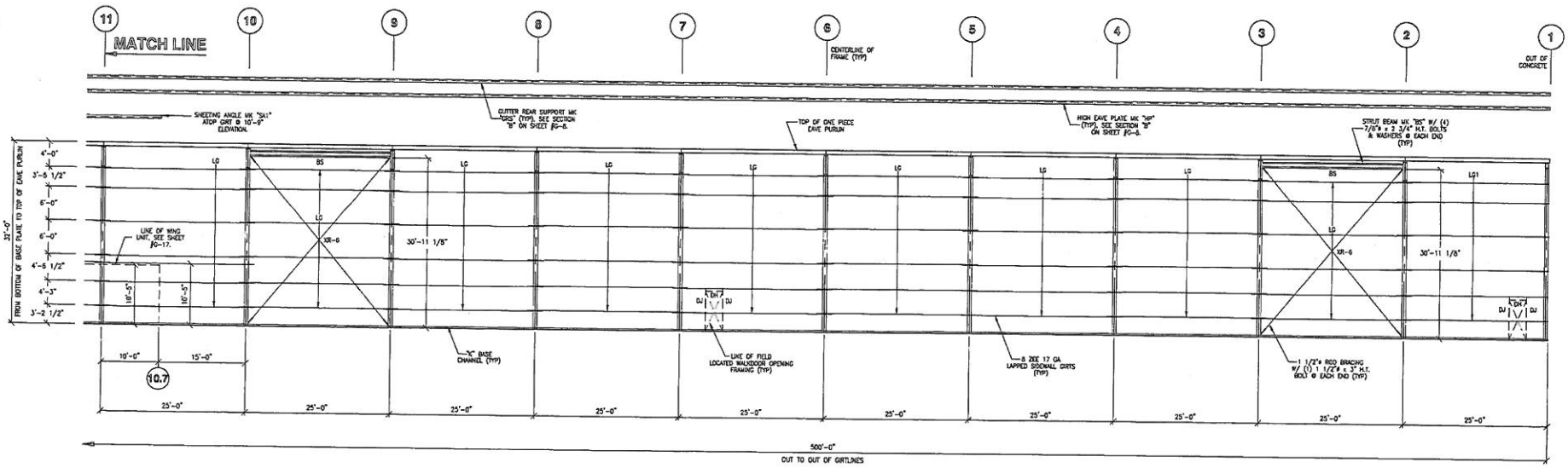
NOT TO SCALE

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

FINAL REVISION DATE : 8/17/00 (DBD)

Garco Building Systems — Spokane Washington

Job Name :	8009 RIVER DRIVE		
Builder :	KAUFMAN BROTHERS CONST., INC.		
Drawn By :	P.T.P.	Job Number:	20031
Date :	5-10-00	Drw.: 18 Of: 28	Sht.: G-13
Checked By :	EAJ/MSM	Dwg. Name :	SWB



FOR CONSTRUCTION

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

BUILDER NOTE:
1. FIELD LOCATE ALL WALKDOOR, WINDOW, AND LOUVER OPENINGS AS REQUIRED.
2. FIELD MODIFY ALL GIRTS, WALL PANELING, AND TRIM AS REQUIRED FOR WALKDOOR, WINDOW, AND LOUVER OPENINGS (SEE ERECTION DRAWINGS OR STANDARD DETAILS FOR THE APPROPRIATE CONNECTION DETAILS).

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

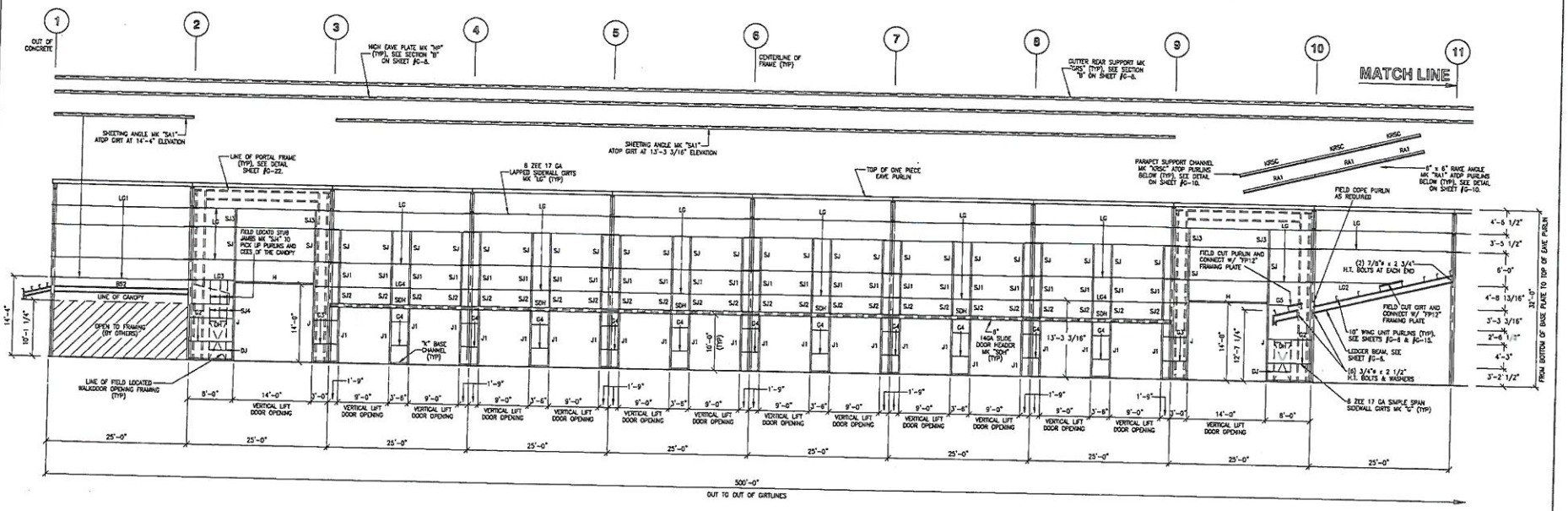
FINAL REVISION DATE : 8/17/00 (DBD)

Garco Building Systems — Spokane Washington

Job Name :	8009 RIVER DRIVE		
Builder :	KAUFMAN BROTHERS CONST., INC.		
Drawn By :	P.T.P.	Job Number:	20031
Date :	5-10-00	Drw.: 19 Of: 28	Sht.: G-19
Checked By:	EAJ/MSM	Dwg. Name :	SFB

SIDEWALL FRAMING AT GRIDLINE "B"

NOT TO SCALE



FOR CONSTRUCTION

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

BUILDER NOTE:
1. FIELD LOCATE ALL WALKDOOR, WINDOW, AND LOUVER OPENINGS AS REQUIRED.
2. FIELD MODIFY ALL GIRTS, WALL PANELING, AND TRIM AS REQUIRED FOR WALKDOOR, WINDOW, AND LOUVER OPENINGS (SEE ERECTION DRAWINGS OR STANDARD DETAILS FOR THE APPROPRIATE CONNECTION DETAILS).

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

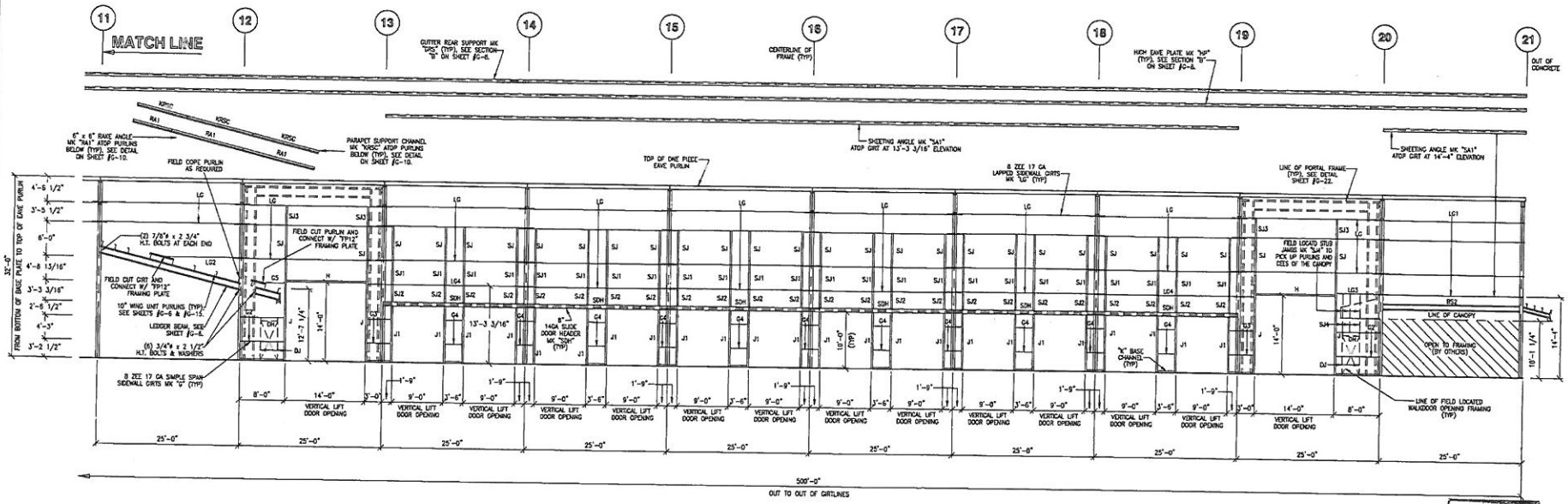
FINAL REVISION DATE : 8/17/00 (DBD)

Garco Building Systems — Spokane Washington

Job Name :	8009 RIVER DRIVE		
Builder :	KALEMAN BROTHERS CONST., INC.		
Drawn By :	P.T.P.	Job Number:	20031
Date :	5-11-00	Drw.: 2001: 23	Sht.: G-20
Checked By :	EAJ/MSM	Dwg. Name :	SWC

SIDEWALL FRAMING AT GRIDLINE "C"

NOT TO SCALE



FOR CONSTRUCTION

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

BUILDER NOTE:
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2. FIELD MODIFY ALL GIRTS, WALL PANELING, AND TRIM AS REQUIRED FOR WALKDOOR, WINDOW, AND LOUVER OPENINGS (SEE ERECTION DRAWINGS OR STANDARD DETAILS FOR THE APPROPRIATE CONNECTION DETAILS).

SIDEWALL FRAMING AT GRIDLINE "C"

NOT TO SCALE

REVISIONS

1.) REVISED BASE CHANNEL (8/24/00) (DBD)

FINAL REVISION DATE : 8/17/00 (DBD)

Garco Building Systems — Spokane Washington

Job Name :	8009 RIVER DRIVE		
Builder :	KAUFMAN BROTHERS CONST., INC.		
Drawn By :	P.T.P.	Job Number:	20031
Date :	5-11-00	Drw.: 21 Of: 28	Sht.: G-21
Checked By:	EAJ/MSM	Dwg. Name :	SFC