

H C I STEEL PRODUCTS BUILDING ERECTION PACKAGE

THIS PROJECT IS SCHEDULED FOR SHOP FABRICATION AND IS DESIGNED AND DETAILED WITH THE FOLLOWING PARAMETERS:

BASIC BUILDING SIZE: SPAN 28'-0" x LENGTH 30'-0" x EAVE HT. 14'-0"
 ROOF COVER: HHR COLOR: KODIAK BROWN GA: 24
 WALL COVER: N/A COLOR: N/A GA: N/A
 LIVE LOAD (ROOF) 100 P.S.F. COLL. DEAD LOAD (ROOF) MAT'L WEIGHT
 SNOW LOAD 150 P.S.F. SEISMIC ZONE III
 DESIGN CODE: UBC ED. 1997
 WIND LOAD: 80 M.P.H. EXPOSURE: B

CUSTOMER: MICHAEL B. LOWERGAN

ADDRESS: P.O. BOX 664

OTHELLO, WASHINGTON 99344

PHONE: (509) 488-9059

PROJECT: KITIATIS Co.

LOCATION: OTHELLO, WASHINGTON

GENERAL NOTES:

I. MATERIALS:	ASTM DESIGNATION:	
HOT ROLLED BAR	A529	F _y = 50 ksi MIN.
STRUCTURAL STEEL SHEET	A570	F _y = 50 ksi MIN.
STRUCTURAL STEEL PLATE	A572	F _y = 55 ksi MIN.
COLD FORMED SHAPES	A570	F _y = 55 ksi GR. D
COLD FORMED SHAPES (GALV.)	A446	F _y = 55 ksi GR. D
ROOF & WALL SHEETING	A446	F _y = 80 ksi GR. E 26GA.
ROOF & WALL SHEETING	A446	F _y = 50 ksi GR. D 24GA.
BOLTS	A307 & A325	

H C I STEEL PRODUCTS RESERVES THE RIGHT TO SUBSTITUTE THE ABOVE MATERIALS.

2. A325 BOLT TIGHTENING REQUIREMENTS

ALL HIGH STRENGTH BOLTS ARE A325 UNLESS NOTED OTHERWISE. STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE "TURN OF THE NUT" METHOD IN ACCORDANCE WITH THE LATEST EDITION AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". A325 BOLTS MAY BE INSTALLED WITHOUT WASHERS WHEN TIGHTENED BY THE "TURN OF THE NUT" METHOD. ALL BOLTED CONNECTIONS, UNLESS NOTED OTHERWISE, ARE DESIGNED AS BEARING CONNECTIONS WITH BOLT THREADS EXCLUDED FROM THE SHEAR PLANE.

3. ALL STRUCTURAL STEEL TO RECEIVE A RUST INHIBITIVE PRIMER. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.

4. PRE-FORMED CLOSURE STRIPS ARE PROVIDED AT THE EAVE BENEATH THE ROOF SHEETS, AT THE ENDWALLS BETWEEN THE RAKE TRIM AND THE END-WALL SHEETS AND AT THE SIDEWALLS BETWEEN THE EAVE TRIM AND THE SIDEWALL SHEETS.

5. ALL BRACING SHOWN AND PROVIDED BY H C I STEEL PRODUCTS FOR THIS BUILDING IS REQUIRED AND SHALL BE INSTALLED BY THE ERECTOR AS A PERMANENT PART OF THE STRUCTURE. IF ADDITIONAL BRACING IS REQUIRED FOR STABILITY DURING ERECTION, IT SHALL BE THE ERECTOR'S RESPONSIBILITY TO DETERMINE THE AMOUNT OF SUCH BRACING, AND TO PROCURE AND INSTALL AS NEEDED.

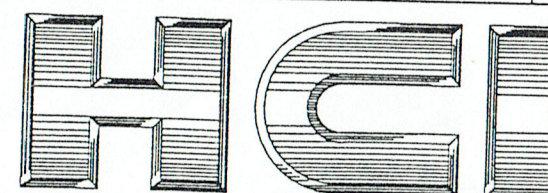
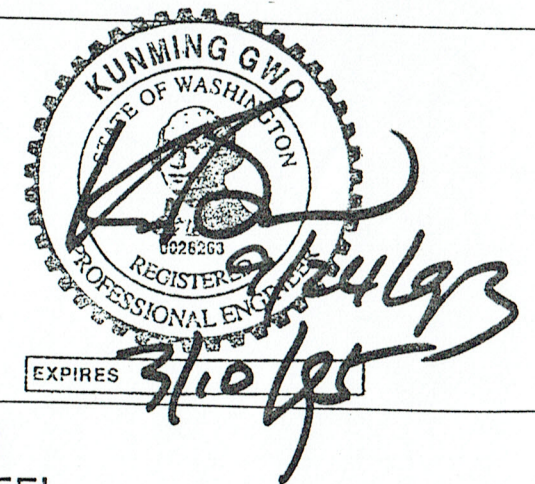
CUSTOMER RESPONSIBILITIES

- IT IS THE RESPONSIBILITY OF THE ERECTOR TO PERFORM THE WORK IN A SAFE MANNER AND TO OBEY ALL APPLICABLE SAFETY CODES.
- IT IS THE RESPONSIBILITY OF THE CUSTOMER TO INSURE THAT ALL PROJECT PLANS, SPECIFICATIONS AND APPLIED DESIGN LOADS, FULLY MEET THE PROPOSED INTENT AS WELL AS COMPLY WITH ALL APPLICABLE REQUIREMENTS OF ANY GOVERNING AUTHORITIES, AND OBTAIN THE APPROPRIATE APPROVALS AND/OR PERMITS AS MAY BE REQUIRED FROM CITY, COUNTY, STATE OR FEDERAL AGENCIES.
- THE BUILDING WILL BE SUPPLIED EXACTLY AS THE H C I DRAWINGS INDICATE. IT IS THE RESPONSIBILITY OF THE CUSTOMER TO ENSURE THAT THE BUILDING BEING SUPPLIED MEETS THE PROJECT REQUIREMENTS.
- IT IS THE RESPONSIBILITY OF THE CUSTOMER FOR OVERALL PROJECT COORDINATION, INTERFACE, COMPATIBILITY AND DESIGN CONCERNING ANY MATERIALS NOT SUPPLIED BY H C I STEEL PRODUCTS WITH THE BUILDING TO BE SUPPLIED BY H C I STEEL PRODUCTS. THE SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS MUST BE FURNISHED BY THE CUSTOMER PRIOR TO RELEASE FOR FABRICATION, OR THE DESIGN ASSUMPTIONS OF H C I STEEL PRODUCTS WILL GOVERN.
- IT IS THE RESPONSIBILITY OF THE CUSTOMER TO VERIFY ALL DESIGN CRITERIA INCLUDING DEFLECTIONS AND NOTIFY H C I STEEL PRODUCTS OF ANY DISCREPANCIES OR INCONSISTANCIES PRIOR TO RELEASE FOR FABRICATION.
- THE CUSTOMER IS RESPONSIBLE FOR THE ACCURATE SETTING OF ANCHOR BOLTS AND ERECTION OF STEEL IN ACCORDANCE WITH "FOR CONSTRUCTION" DRAWINGS ONLY. (SEE ANCHOR BOLT PLAN FOR ADDITIONAL FOUNDATION AND ANCHOR BOLT NOTES.)
- UNLESS SPECIFICALLY STATED OTHERWISE WITHIN THE H C I STEEL PRODUCTS PURCHASE AGREEMENT, THE FOLLOWING SHALL GOVERN:
 - THIS BUILDING DRAWING PACKAGE AND ANY ACCOMPANYING CALCULATIONS REPRESENT THE PROJECT AS IT WILL BE SUPPLIED. THE BUILDING WILL BE SUPPLIED EXACTLY AS THE DRAWINGS INDICATE.
 - ANY FIELD MODIFICATION OR ALTERATION, OR THE ATTACHMENT OF ANY EQUIPMENT OR COMPONENT TO H C I STEEL PRODUCTS BUILDINGS STEEL BUILDING SYSTEM, OR THE OMITTED INSTALLATION OF ANY PARTS OR PIECES, WITHOUT THE EXPRESS WRITTEN APPROVAL OF H C I STEEL PRODUCTS SHALL VOID ANY AND ALL WARRANTIES.

DRAWING RECORD

DESCRIPTION	PAGE NO.
ANCHOR BOLT PLAN	PEB- ONE
ROOF FRAMING PLAN	PEB- 2
SIDEWALL ELEVATIONS	PEB- 3
ENDWALL ELEVATIONS	PEB- 4
CROSS SECTION	PEB- 5
SHEETING LAYOUTS	PEB- N/A
STANDARD DETAILS	HRROOF1
STANDARD DETAILS	BFENDET
STANDARD DETAILS	OHDO2
STANDARD DETAILS	
STANDARD DETAILS	
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REV.	DATE	REVISION

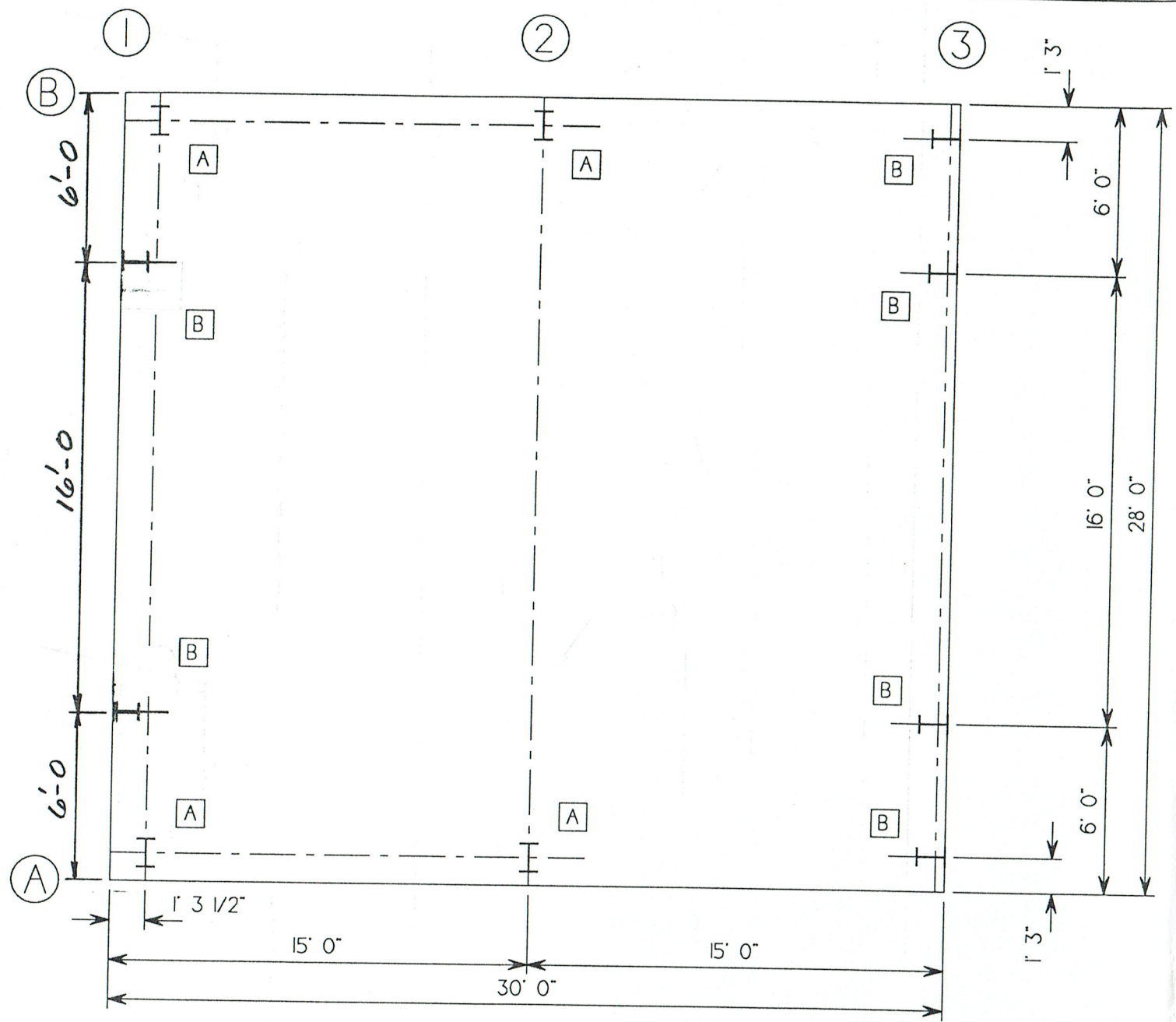


H C I
STEEL
PRODUCTS
INC.

18520 67th AVE. N.E.
ARLINGTON, WA 98223

(206) 435-8871
FAX (206) 435-9267

JOB NO.
650

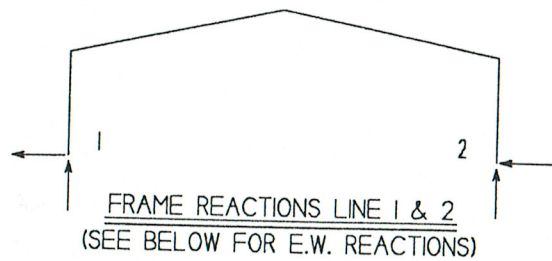


ANCHOR BOLT PLAN

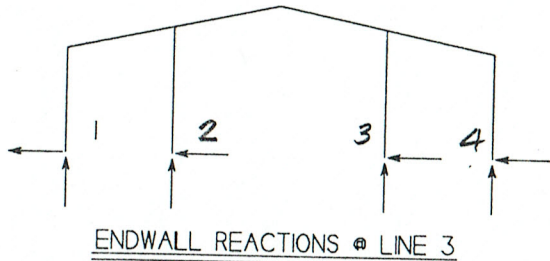
FOUNDATION NOTES:

1. ANCHOR BOLTS, EMBEDDED ITEMS & FOUNDATION DESIGN ARE NOT BY H.C.I. AND REQUIRE SPECIAL REINFORCEMENT.
2. FOUNDATION MUST BE SQUARE, LEVEL & SMOOTH. ALL ANCHOR BOLTS MUST BE PLACED ACCURATELY IN THE POSITIONS SHOWN OR STEEL WILL NOT FIT.
3. BOTTOM OF ALL BASEPLATES TO BE AT SAME ELEVATION UNLESS NOTED.
4. COLUMN REACTIONS ARE IN THOUSANDS OF POUNDS.
5. THE ANCHOR BOLT REACTIONS LISTED ON THE DRAWINGS AND STRUCTURAL CALCULATIONS HAVE BEEN REDUCED 25% AT LOADING COMBINATIONS THAT INCLUDE WIND OR SEISMIC FORCES.
6. ANCHOR BOLTS ARE TO BE TYPE A36.
7. REACTIONS SHOULD BE CONSIDERED SWITCHABLE WHEN LOADS ARE APPLIED FROM THE OPPOSITE DIRECTION.

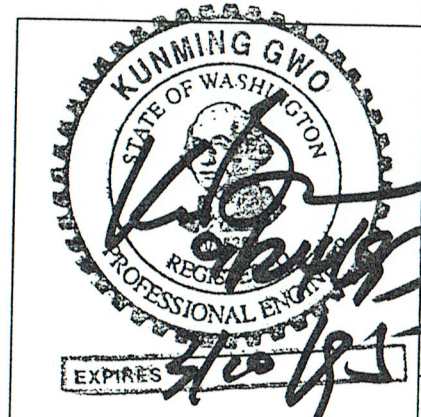
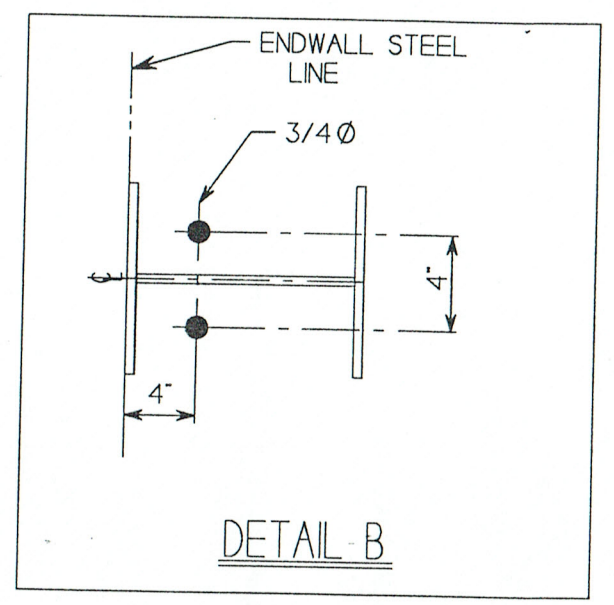
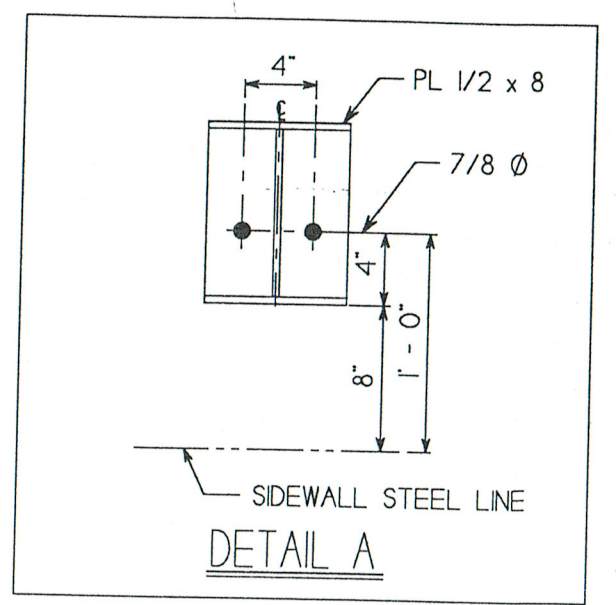
QTY	DESCRIPTION	PROJECTION
12	3/4 Ø	3.00"
8	7/8 Ø	3.00"



NO	DESCRIPTION	SUPPORT	HORIZONTAL	VERTICAL
1	D+L	1	-7.36	31.19
1	D+L	2	7.36	31.18
2	D+W	1	1.34	-1.95
2	D+W	2	0.51	-1.02
3	D+W	1	-0.51	-1.02
3	D+W	2	-1.34	-1.95
4	D+.5L+W	1	-2.24	13.23
4	D+.5L+W	2	4.10	14.17
5	D+.5L+W	1	-4.10	14.17
5	D+.5L+W	2	2.24	13.23
6	D+L+.5W	1	-4.78	22.11
6	D+L+.5W	2	5.71	22.58
7	D+L+.5W	1	-5.71	22.58
7	D+L+.5W	2	4.78	22.11



NO	DESCRIPTION	SUPPORT	HORIZONTAL	VERTICAL
1	D+L	1	0.00	0.01
1	D+L	2	0.00	16.30
1	D+L	3	0.00	16.30
1	D+L	4	0.00	0.01
2	D+W	1	0.25	-0.15
2	D+W	2	0.59	-0.34
2	D+W	3	0.59	-0.34
2	D+W	4	0.25	-0.15
3	D+W	1	0.25	-0.15
3	D+W	2	0.59	-0.34
3	D+W	3	0.59	-0.34
3	D+W	4	0.25	-0.15



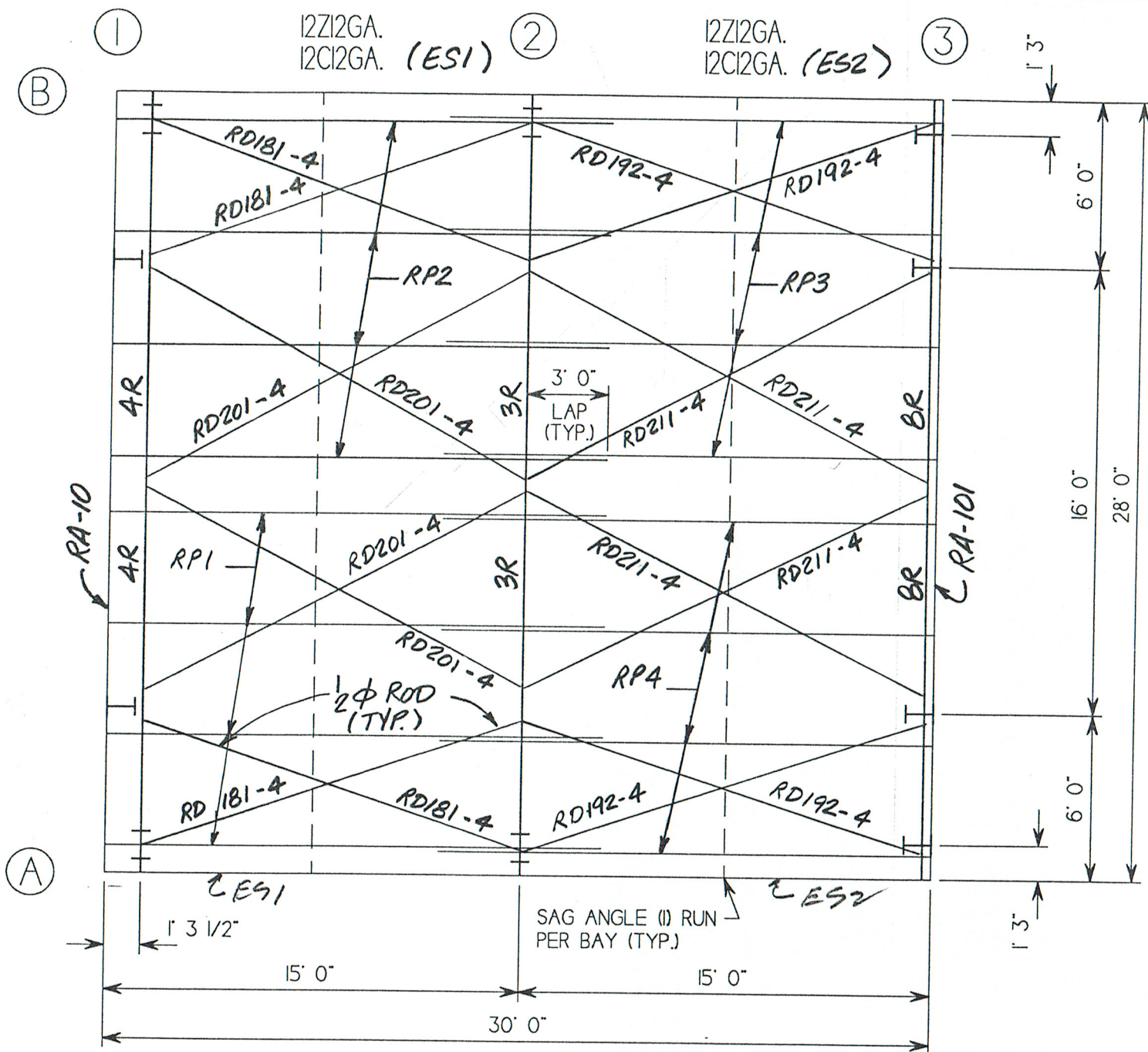
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REVISIONS

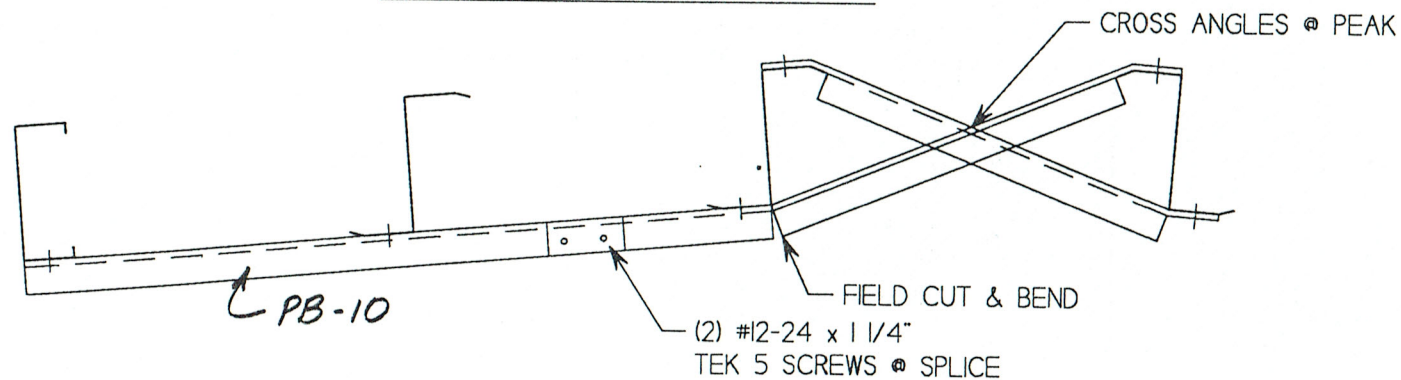
HCI HCI STEEL PRODUCTS INC.

KITIATAS CO.
MICHAEL B. LONERGAN
OTHELLO, WASHINGTON

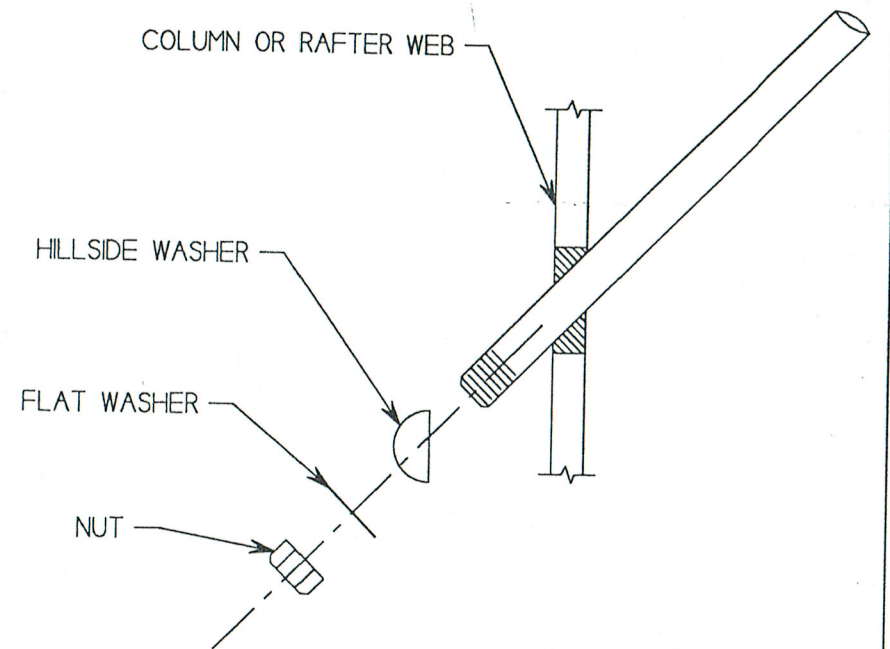
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SMG	9/22/93	SP	9/29/93	650	PEB-1



ROOF FRAMING PLAN

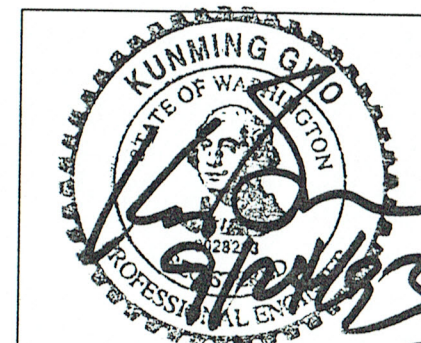


SAG ANGLE DETAIL

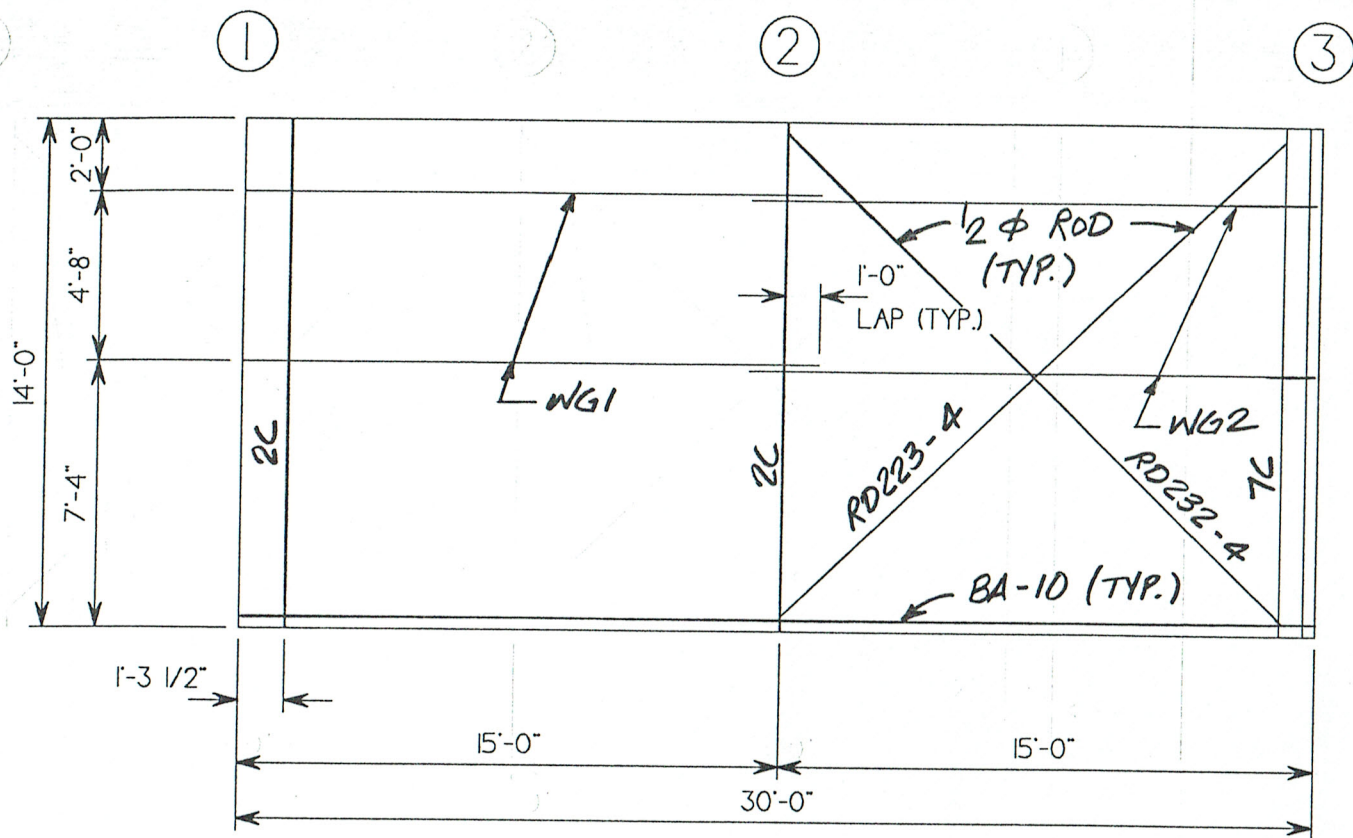


ROD BRACING DETAIL

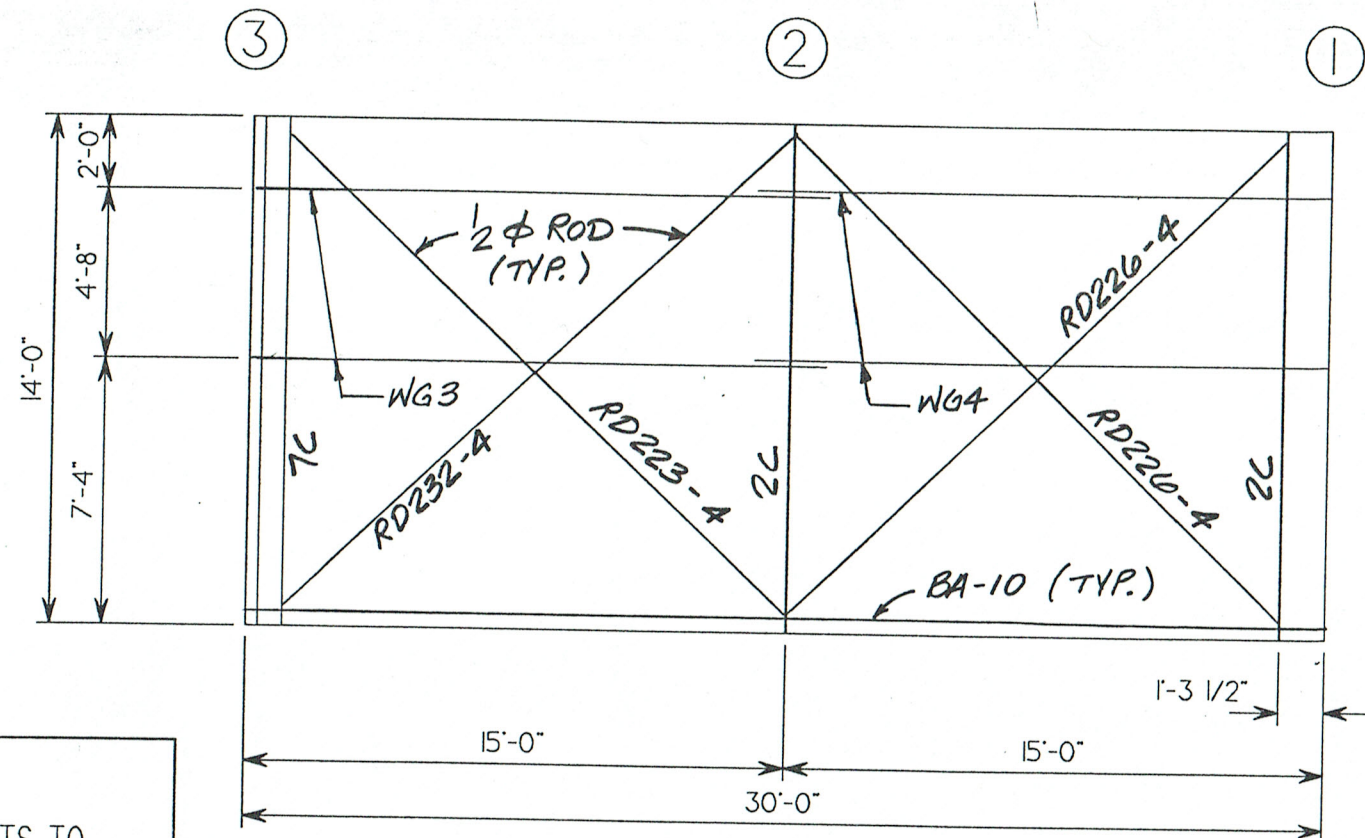
NOTE!
2" BLANKET INSULATION w/
WHITE VINYL FACING @ ROOF ONLY.
BY HCI



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HCI HCI STEEL PRODUCTS INC.		
KITIATAS CO.		
MICHAEL B. LONERGAN		
OTHELLO, WASHINGTON		
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SMG	9/22/93	9/29/93
JOB #	PG.	
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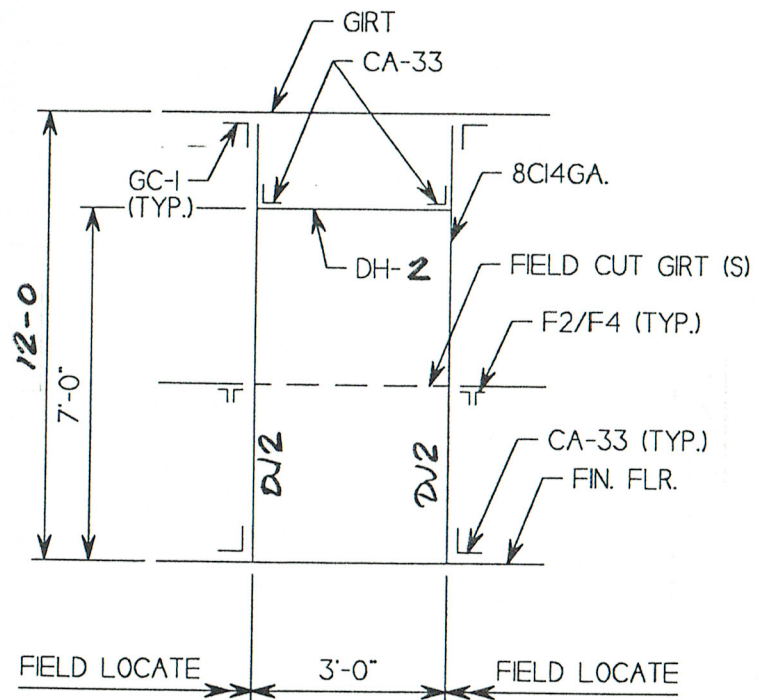


SIDEWALL ELEVATION @ LINE A

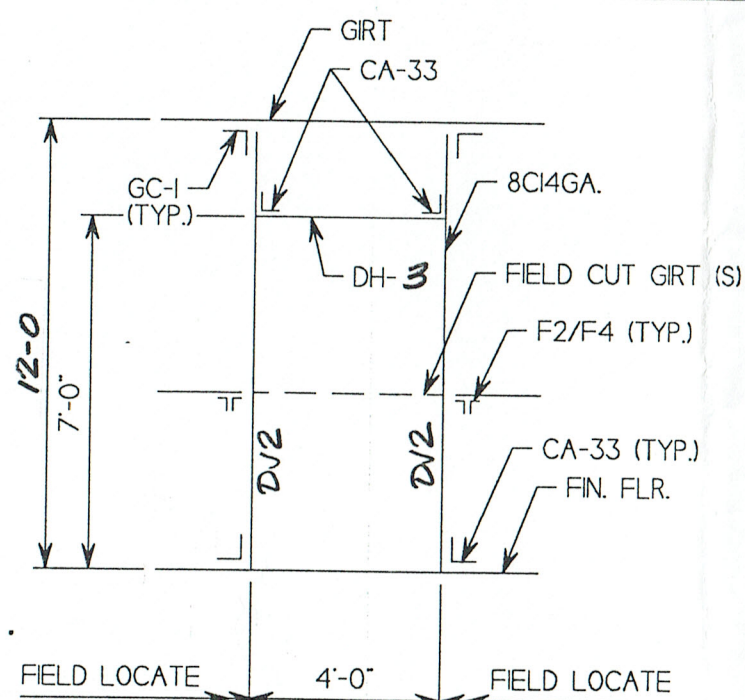


SIDEWALL ELEVATION @ LINE B

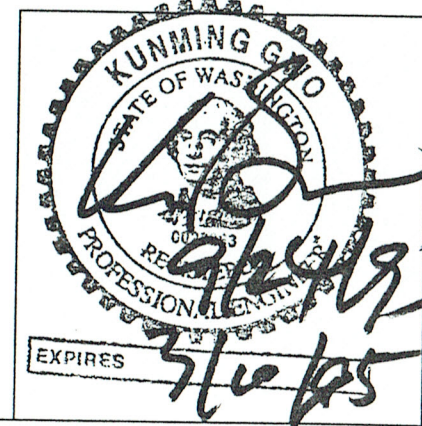
NOTE!
ALL GIRTS TO
BE 8ZI6GA (TYP.)



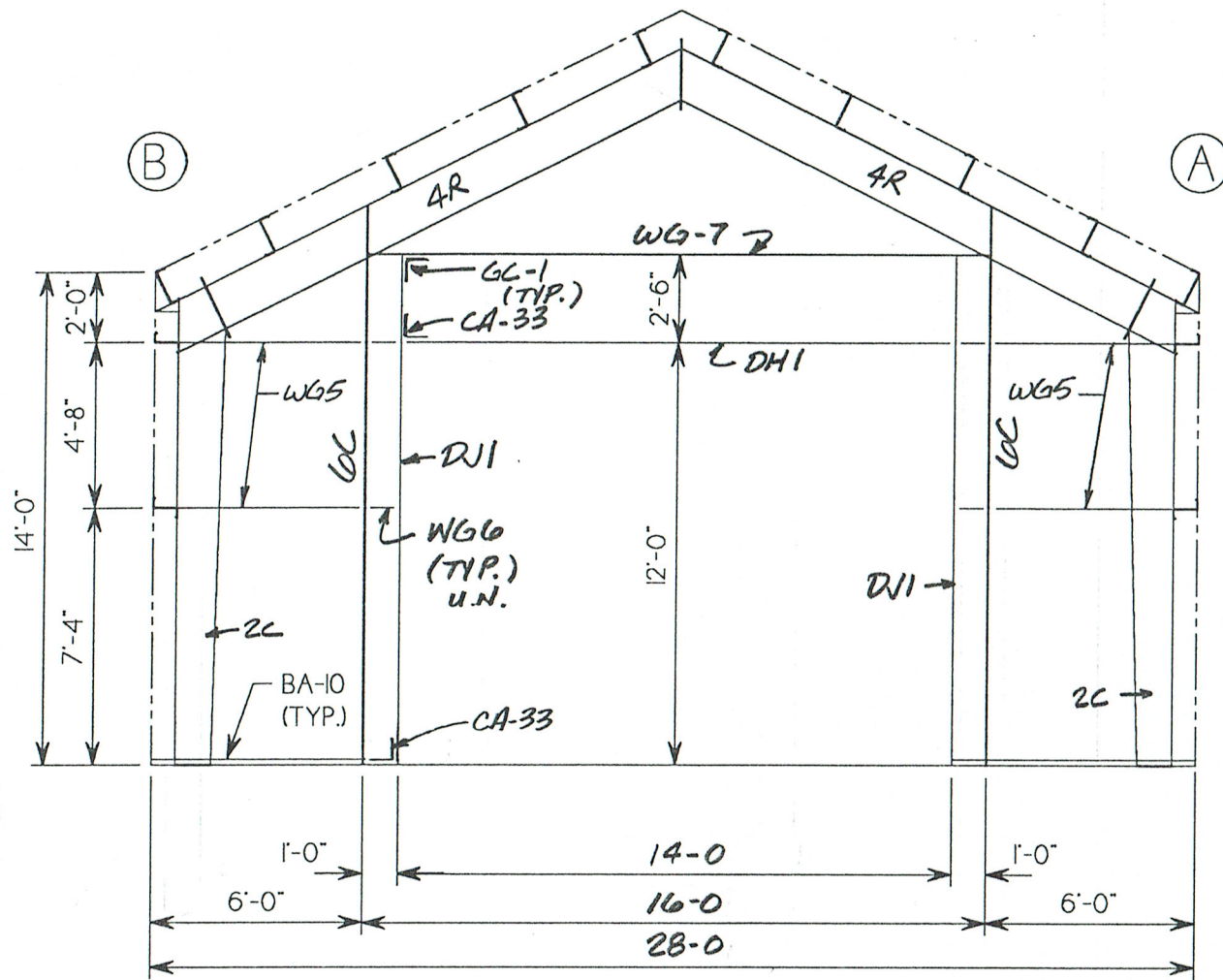
FRAMED OPENING DETAIL
(1) REQ'D



FRAMED OPENING DETAIL
(1) REQ'D

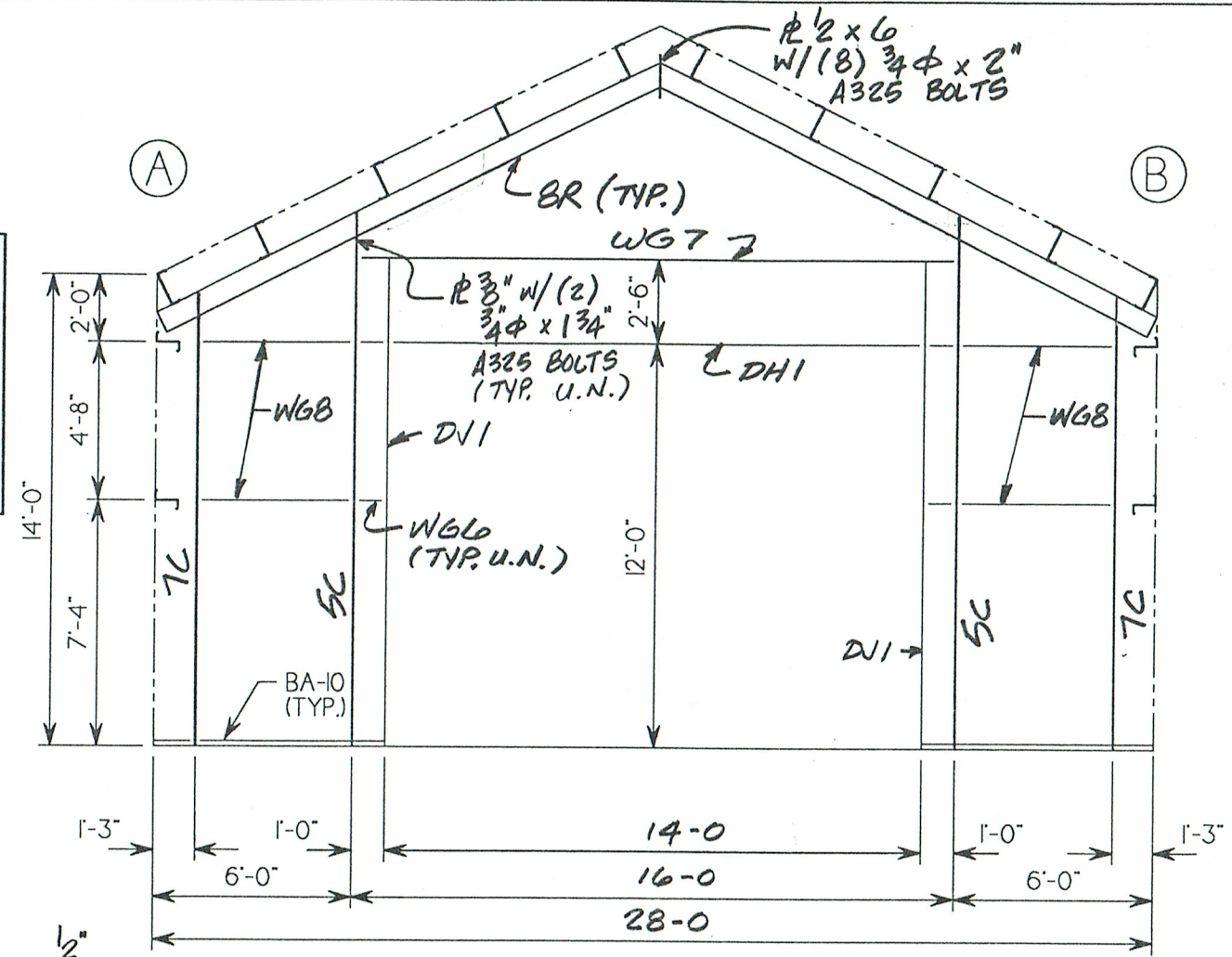


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KITIATAS CO.		
MICHAEL B. LONERGAN		
OTHELLO, WASHINGTON		
DRAWN	DATE	CHK'D
SMG	9/23/93	JDD 9/24/93
JOB #	PG.	
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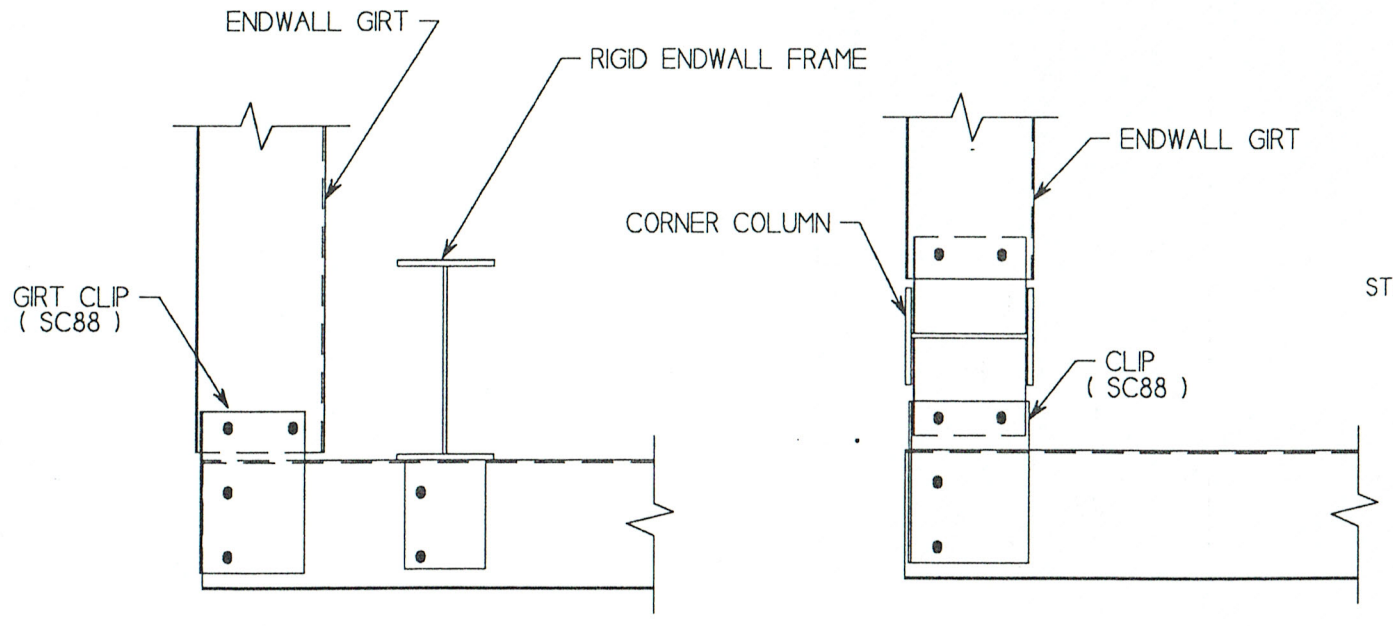


ENDWALL ELEVATION @ LINE 1

NOTE!
 ALL GIRTS TO BE 8ZI6GA. & ALL JAMBS & HEADERS TO BE 8CI4GA. ALL BEARING FRAME MEMBERS TO BE PL 3/16" x 5" FLG. W/ 1/8" x 8" WEB

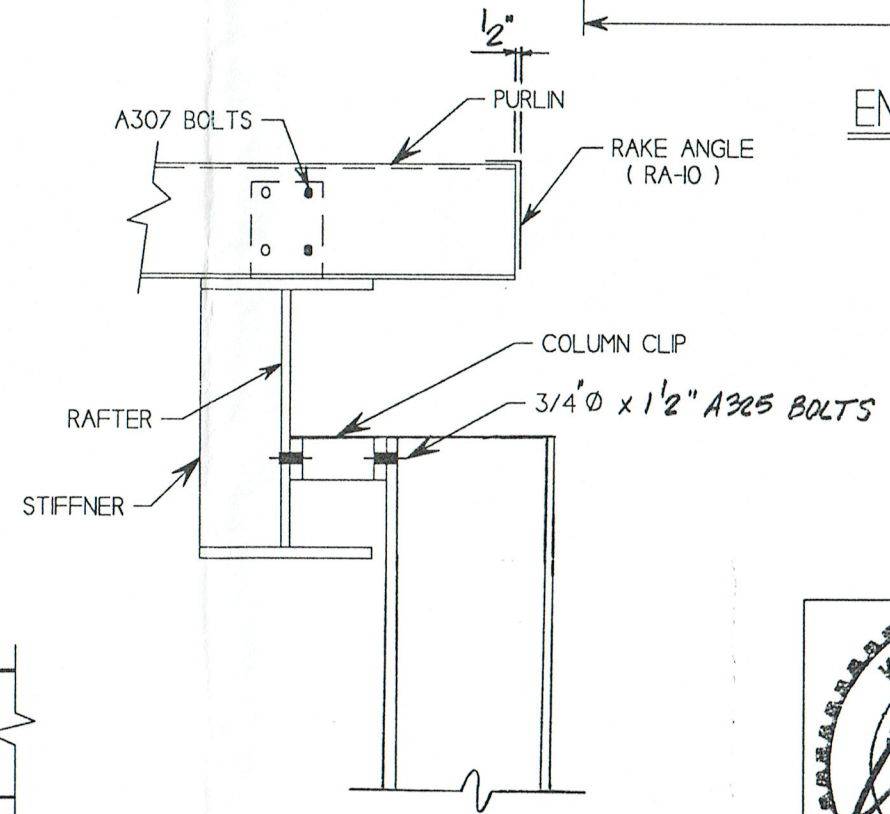


ENDWALL ELEVATION @ LINE 3

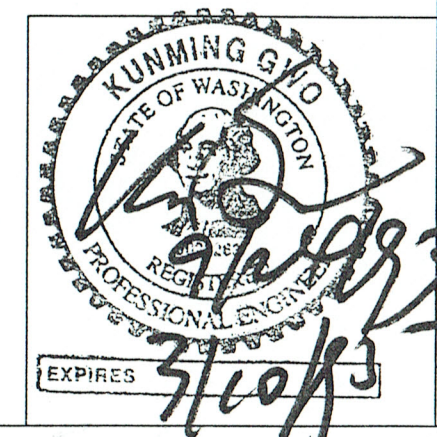


RIGID FRAME CORNER DETAIL (@ LINE 1)

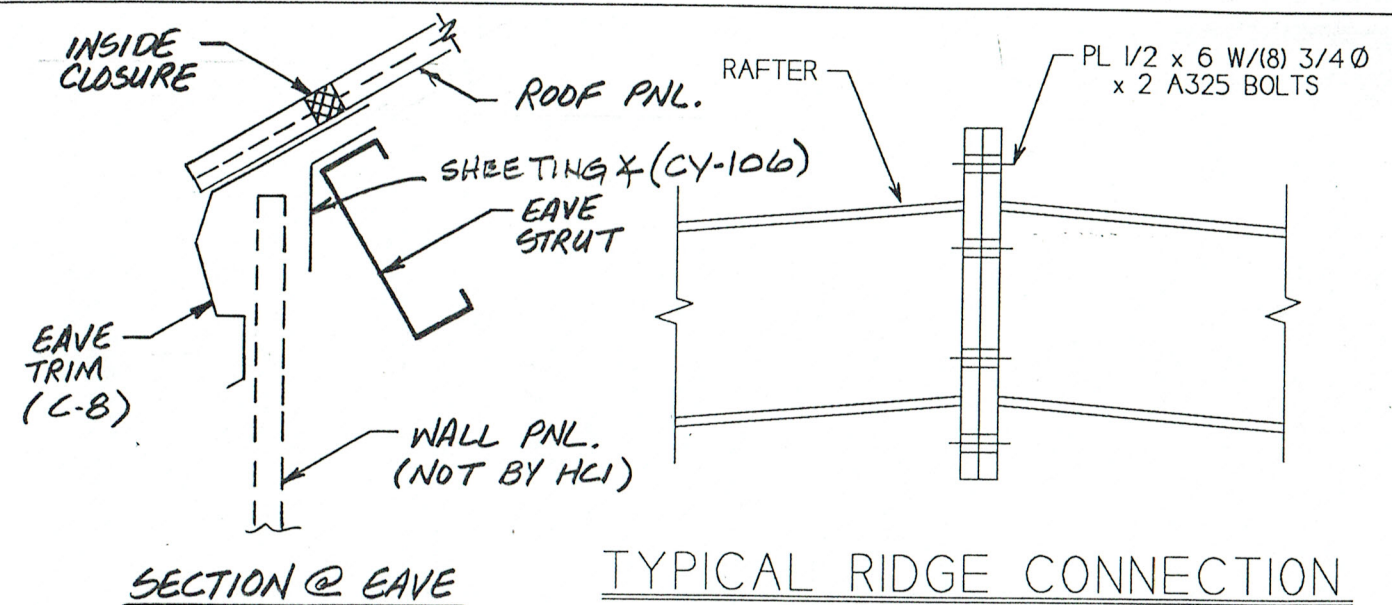
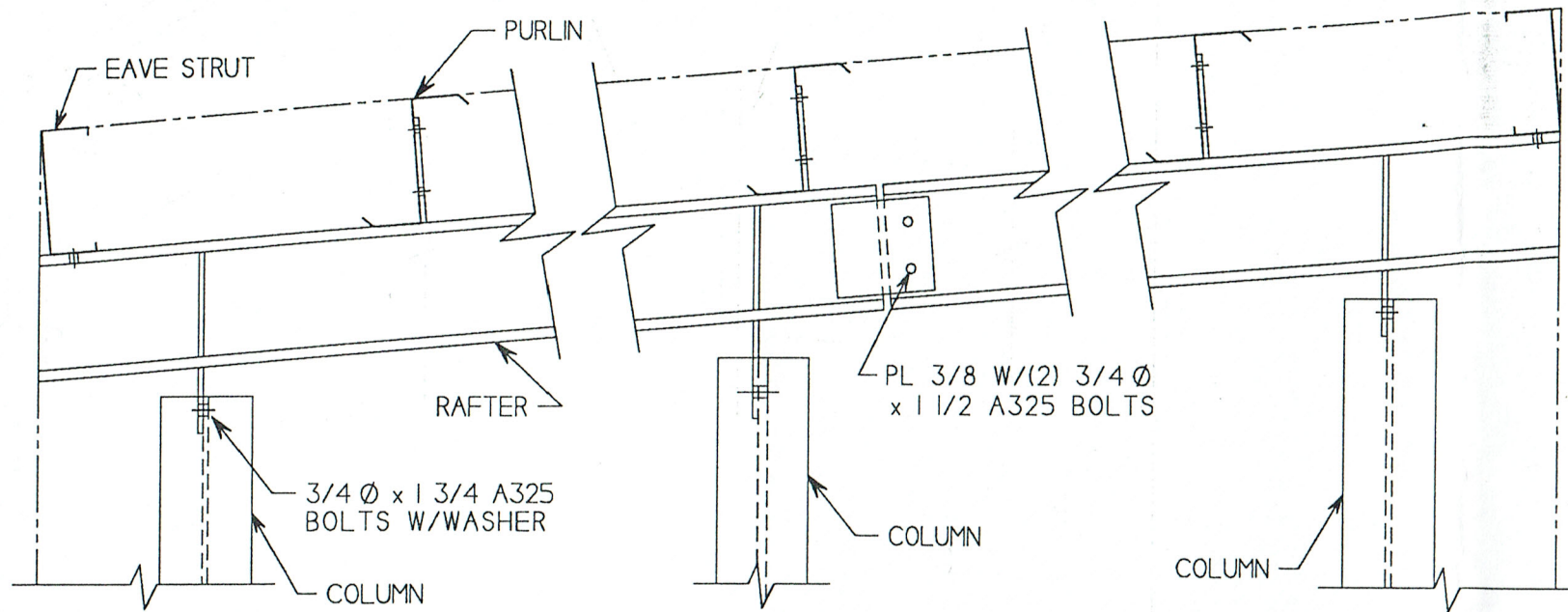
BEARING FRAME CORNER DETAIL (@ LINE 3)



RIGID FRAME E.W. CONDITION (ENDWALL COLUMN TO RAFTER)

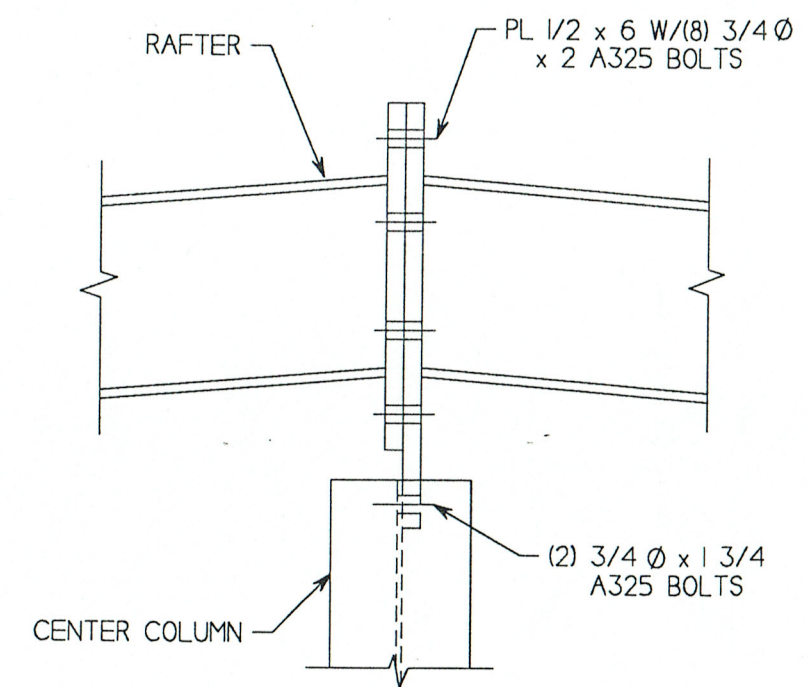
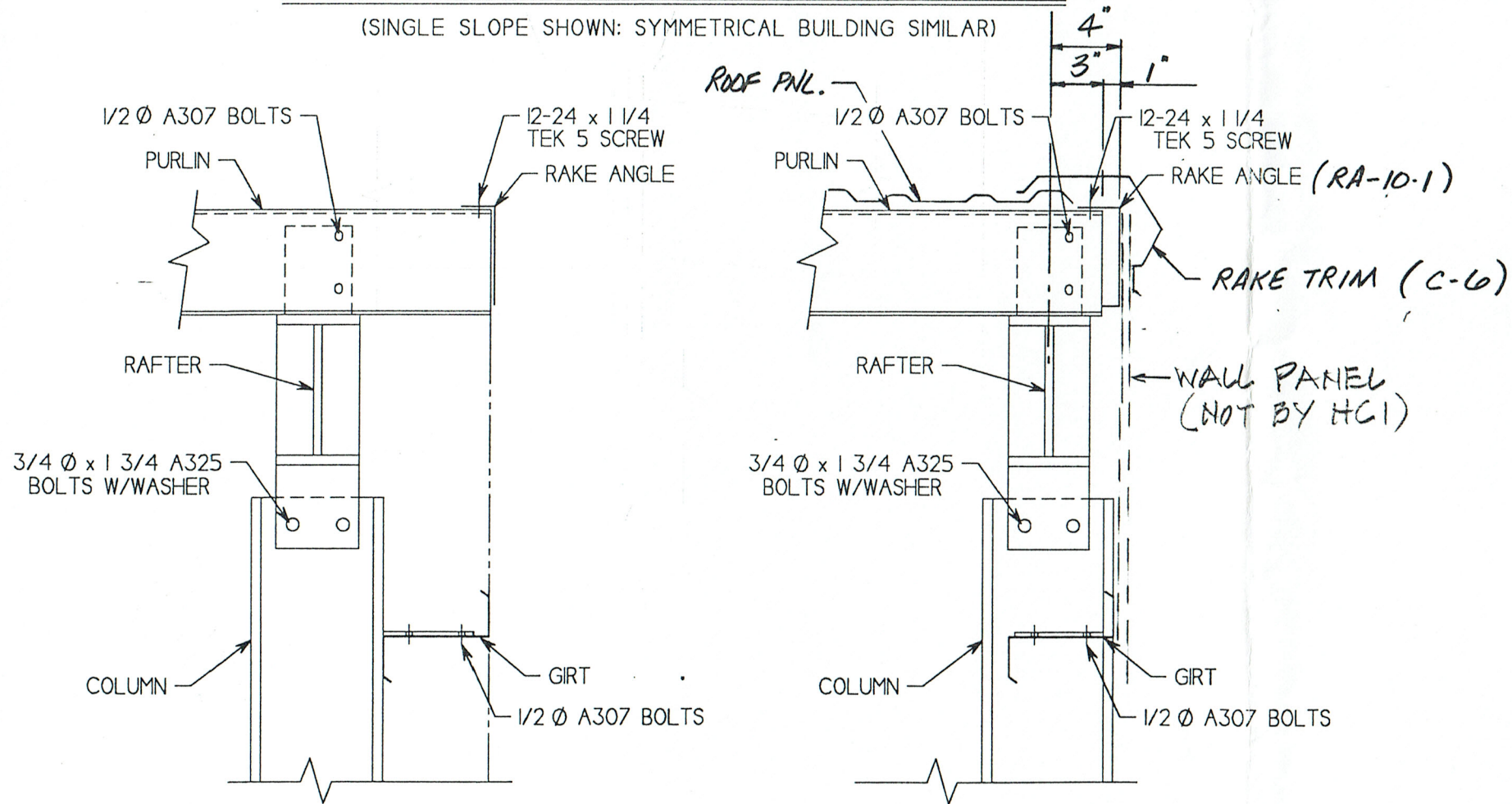


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KITIATAS CO.		
MICHAEL B. LONERGAN		
OTHELLO, WASHINGTON		
DRAWN	DATE	CHKD
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JOB #	PG.	
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TYPICAL ENDWALL FRAMING DETAIL

(SINGLE SLOPE SHOWN: SYMMETRICAL BUILDING SIMILAR)



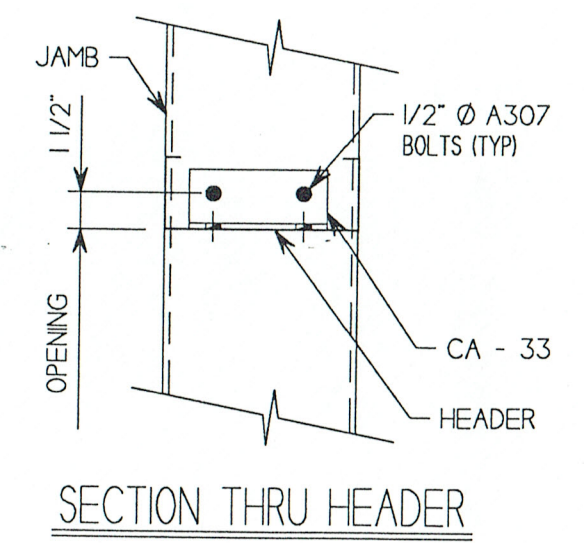
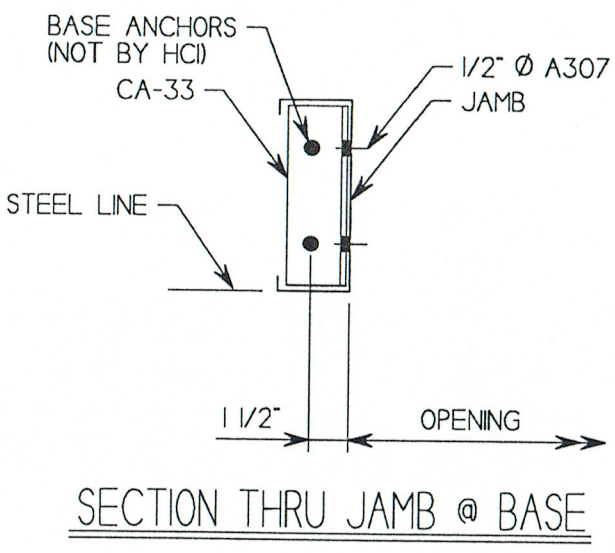
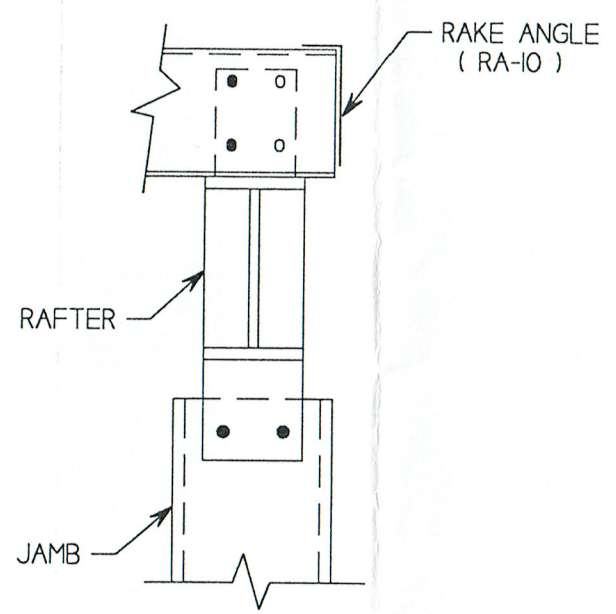
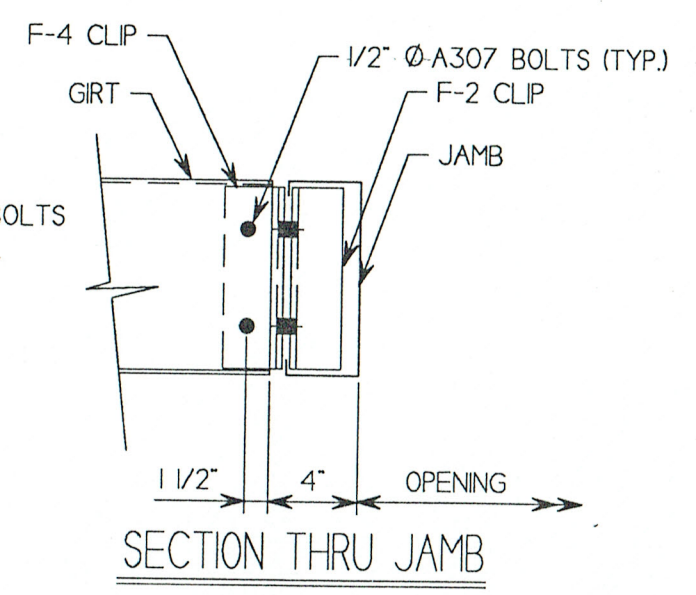
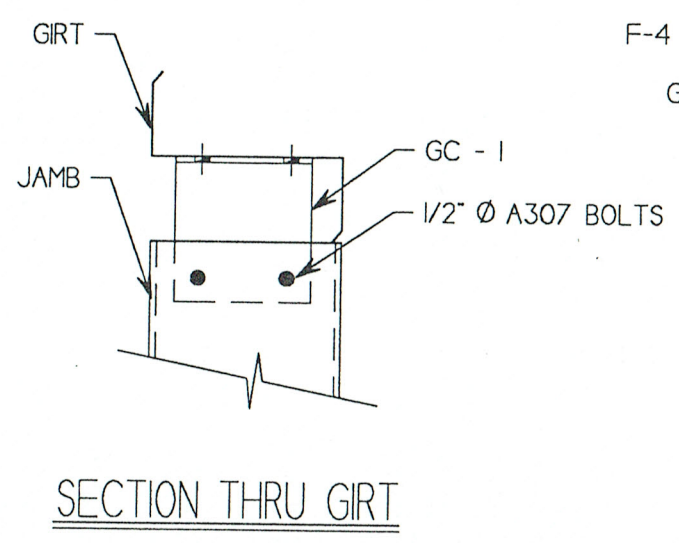
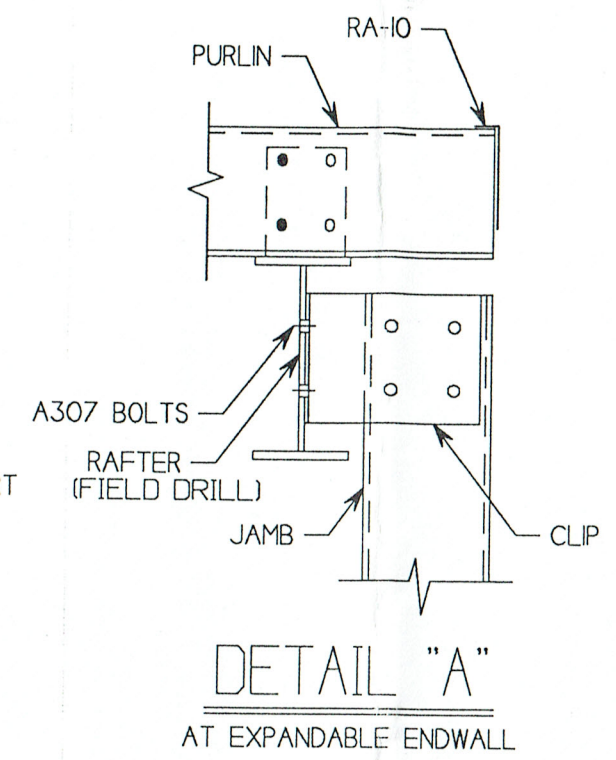
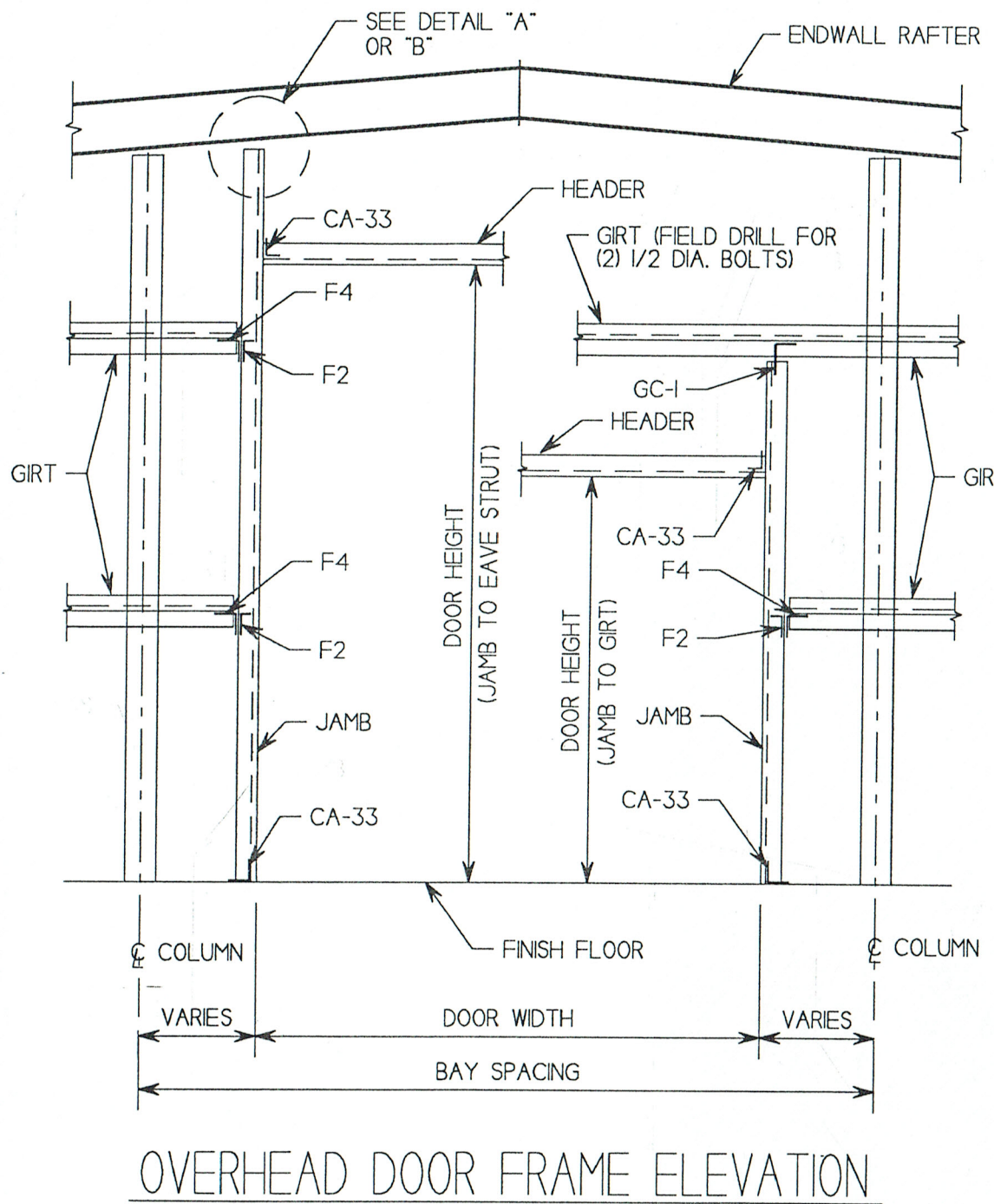
TYP. ENDWALL COLUMN CONN.
(OUTSET GIRTS CONDITION)

TYP. ENDWALL COLUMN CONN.
(INSET GIRTS CONDITION)



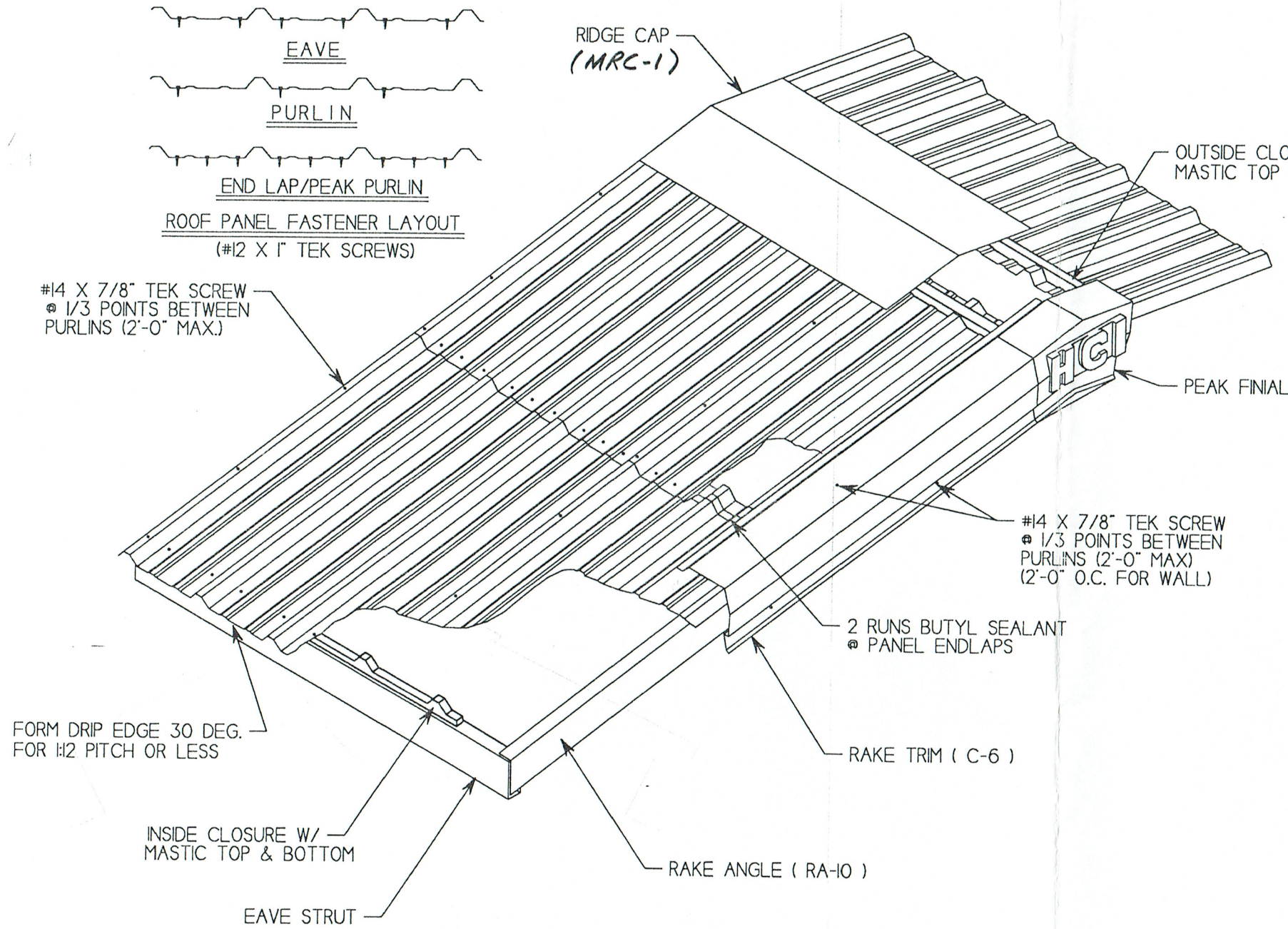
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REF: 650 KITIATAS CO.		
HCI	HCI STEEL PRODUCTS INC.	(206) 435-8871 FAX (206) 435-9267
ARLINGTON, WASHINGTON		98223

BFEWDET.GCD

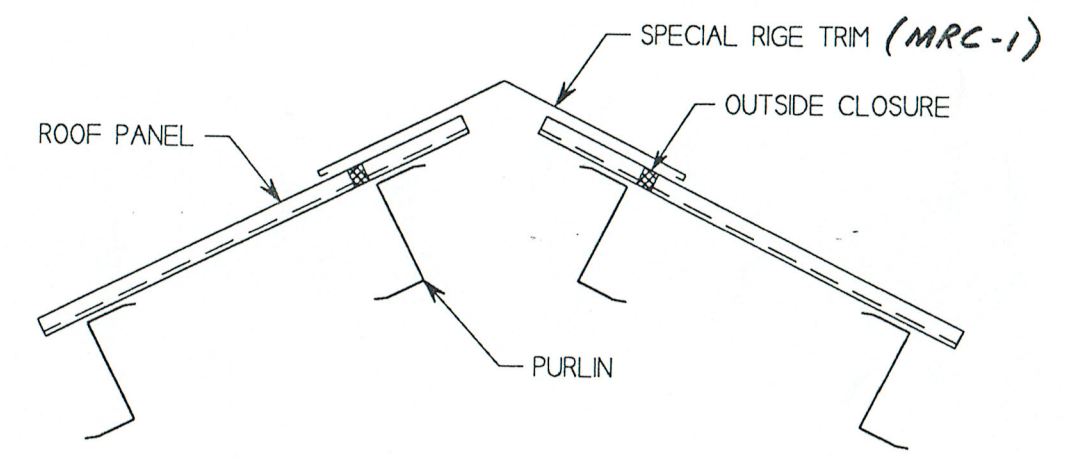


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REF: 650 KITIAS CO.		
HCI	HCI STEEL PRODUCTS INC.	(206) 435-8871 FAX (206) 435-9267
ARLINGTON, WASHINGTON		98223

01-002.GCD



ROOF PANEL LAYOUT



RIDGE DETAIL

KUNMING GWO
 STATE OF WASHINGTON
 PROFESSIONAL ENGINEER
 LICENSE NO. 9124693
 EXPIRES 3/10/95

DRAWN: SMG	DATE: 9/24/93	PG: HRROOF1
REF: 650 KITIATAS Co.		
 HCI STEEL PRODUCTS INC. ARLINGTON, WASHINGTON	(206) 435-8871	
	FAX (206) 435-9267	98223

HRROOF1.GCD