

BUILDING SPECIFICATIONS

The manufacturer is not responsible for the concrete foundation design. The structure under this contract has been designed and detailed for the loads and conditions stipulated in the contract and shown on these drawings. Any alterations to the structural system or removal of any component parts, or the addition of other construction materials or loads must be done under the advice and direction of a registered architect, civil or structural engineer. The manufacturer will assume no responsibility for any loads not indicated.

This manufactured building is designed with the manufacturer's standard design practices which are based on pertinent procedures and recommendations of the following organizations and codes:

- American Institute of Steel Construction "Specification for the design fabrication and erection of structural steel for buildings" 14th edition.
- American Iron and Steel Institute "Specification for the design of cold formed steel structural members" 2007 edition.
- American Welding Society "Structural Welding Code" AWS D1.1
- Metal Building Manufacturers Association "Specification for the design fabrication and erection of the structural system" most current edition.

Material properties of steel plate and sheet used in fabrication of primary rigid frames and all primary structural framing members (other than cold-formed sections) conform to ASTM A-529 or A-572 all with a minimum yield point of 55 KSI.

Material properties of cold formed light gage steel members conform to the requirements of ASTM A-653, with a minimum yield point of 55 KSI

High strength bolts and their installation shall conform to ASTM specification A-325 and are designed as bearing type connections with threads included in the shear plane. All high strength bolts are to be installed to the "Snug-Tight" condition as defined by the RSCS Specification for Structural Joints Using A325 or A490 Bolts, 2004 Edition, section 8.1, unless noted otherwise. Crane Building's Rigid Frame shall be installed in accordance with "Turn-of-Nut Pretensioning" per section 8.2.1. Bolts in standard holes do not require washers per section 6. All primary structural members except bolts and fasteners shall receive one coat of Iron Oxide inhibitive primer.

Shop and field inspections and associated fees are the responsibility of the contractor, unless stipulated otherwise.

CONTRACTOR RESPONSIBILITIES

The contractor must secure all required approvals and permits from the appropriate agency as required.

Approval of the manufacturer's drawings and calculations indicate that the manufacturer has correctly interpreted and applied the requirements of the contract drawings and specifications. (Sec. 4.2.1 AISC Code of Standard Practice, 9th edition.)

Where discrepancies exist between the manufacturer's structural steel plans and the plans for other trades, the structural steel plans shall govern. (Sec. 3.3 AISC Code of Standard Practice, 9th edition.)

Design considerations of any materials in the structure which are not furnished by the manufacturer, are the responsibility of the contractor and engineers other than the manufacturer's engineering, unless specifically indicated. The contractor is responsible for all erection of steel and associated work in compliance with the manufacturer's "For Construction" drawings.

Temporary supports, such as guys, braces, flashwork or other elements required for the erection will be determined and furnished and installed by the erector. (Sec. 7.9.1 AISC Code of Standard Practice, 9th edition.)

It is the contractor's responsibility to apply or observe all pertinent safety rules and regulations, as per OSHA standards as applicable.

The Contractor is responsible for the verification of all shipments received. Any "external" damage or shortages must be noted on all copies of the bill of lading and one copy is to be retained for your records. Failure to do so will make it impossible for the factory to honor any claim. NO EXCEPTIONS!!!

Engineering Seal

This certification covers parts manufactured and delivered by the manufacturer only, and excludes parts such as doors, windows, foundation design and erection of the building.



PROFESSIONAL ENGINEER
KENNETH F. LEE, PE
LICENSE #: 75227
1745 SHEA CENTER, 4TH FLOOR
HIGHLANDS RANCH, CO 80129

DSN: KL	DWN: PO	REV:
DET: PO	CHK: HH	NO. DATE
REVISIONS		

STEEL BUILT CORPORATION
360 14TH STREET
AMBRIDGE, PA
FL Certificate Authorization No. 28855
Panel Approval No. FL#3722.1, FL#3722.2 & FL#3985.1

DESIGN LOADING

This structure is designed utilizing the loads indicated and applied by the: FBC 2010

It is the contractor's responsibility to confirm that these loads comply with the requirements of the local building department.

Specific loads: (See structural calculations and foundation reactions.)

PSF Live Load	20.00
LL Reduction Allowed: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
MPH Wind Load Exposure "C"	121
PSF Dead Load (Metal Bldg. Weight - Purlins, Panels, Etc.)	2.200
PSF Collateral Load (Ceilings, Sprinklers, Etc.)	2
Risk Category	II

BOLT-A-FRAME

DRAWING INDEX

CS-1	Drawings Cover Sheet
CS-2	Fastener Schedule
E1	Anchor Bolt Plan
E2	Anchor Bolt Details & Reactions
E3	Rigid Frame Elevation
E4	Sidewall Framing
E5	Endwall Framing
E6	Roof Framing
E7	Sidewall Sheeting
E8	Endwall Sheeting
E9	Detail Drawings
E10	Detail Drawings



These Drawings are for:

- Construction Approval *
- Permit
- Other:

* Approval orders must be released for fabrication within thirty (30) calendar days after the submittal drawings are issued or they will be subject to any current price increases. Special attention should be given in approving dimensions and/or details. Please verify requested dimensions by indicating "OK".

Building is manufactured by STEEL BUILT CORPORATION STEEL BUILT CORPORATION is a fabricator approved by the following agencies:

1. QUASAR/CWB GROUP - CAN/CSA A660
2. INTERNATIONAL ACCREDITATION SERVICE, INC. Certificate # STEBBU0

Fabricator Inspection Program FA - 446

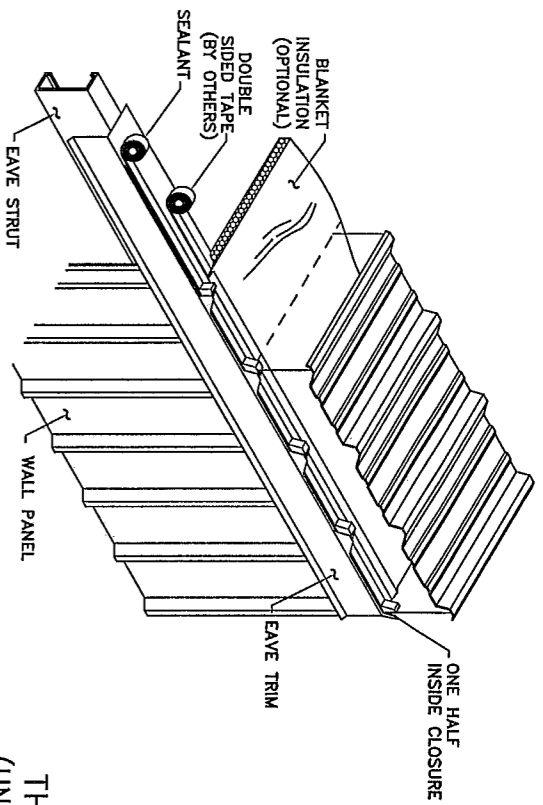
DRAWINGS COVER SHEET

CUSTOMER: TIMMIE HALVERSON
FORT WHITE, FL
COLUMBIA COUNTY

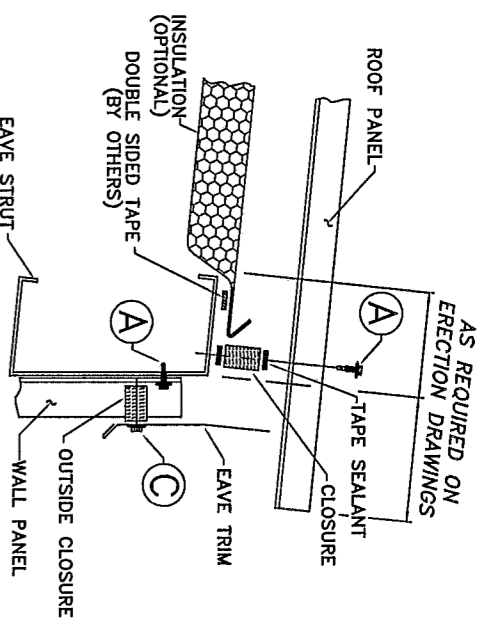
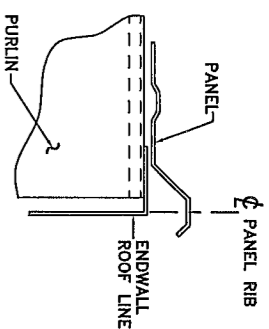
JACOB INDUSTRIES
400 ISLAND AVENUE
MCKEES ROCKS, PA

SCALE: NOT TO SCALE
DATE: 10/14/13
JOB NO: 000315
SHT. NO: CS-1



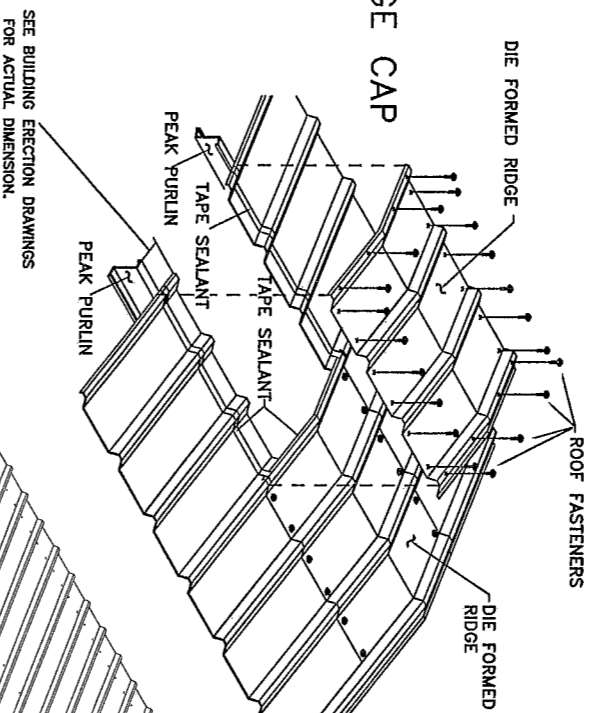


INSTALLATION OF THE FIRST ROOF PANEL (UNLESS NOTED ON DRAWINGS)

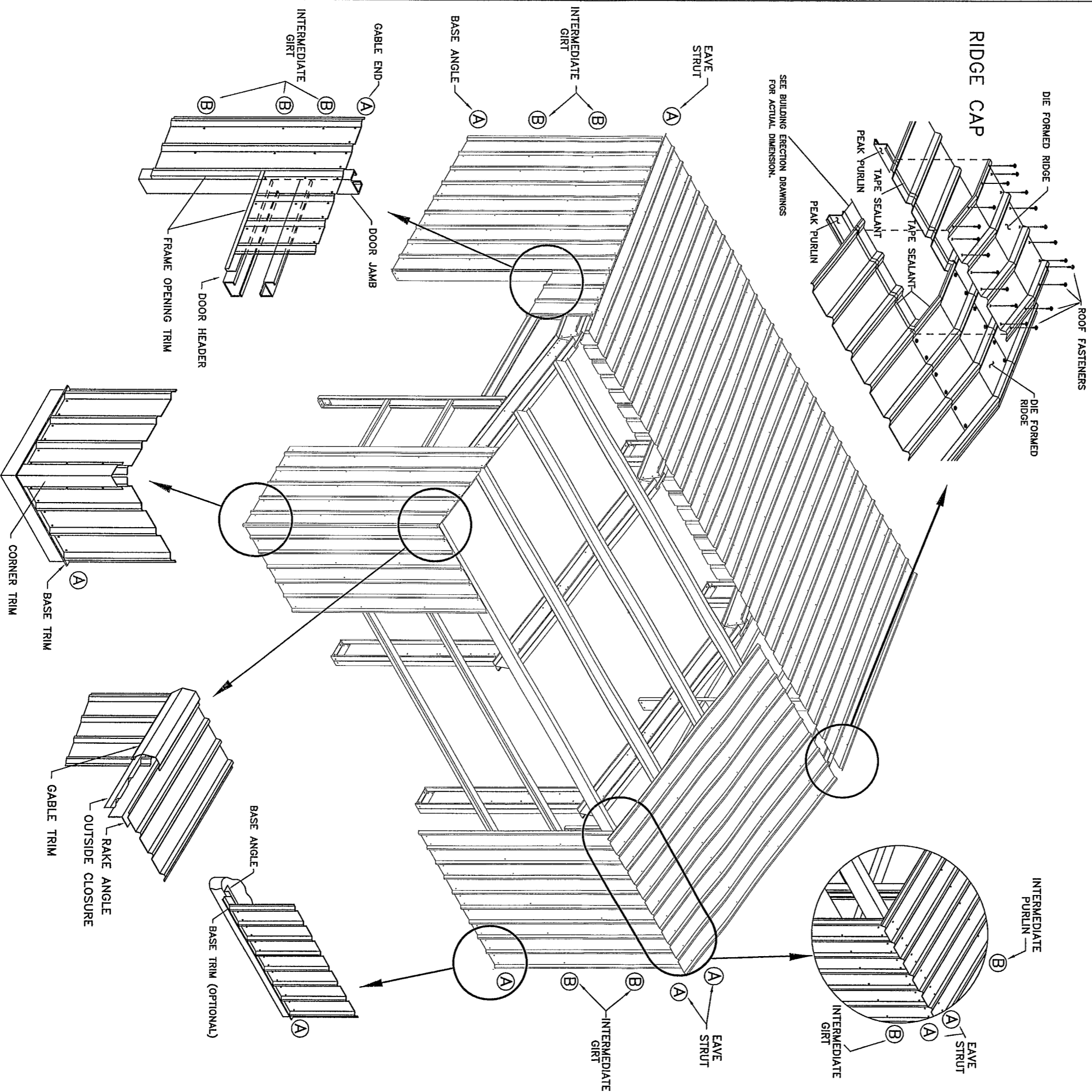


SECTION AT EAVE

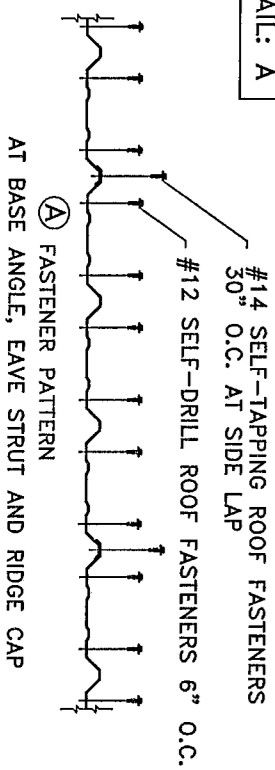
FASTENER SCHEDULE



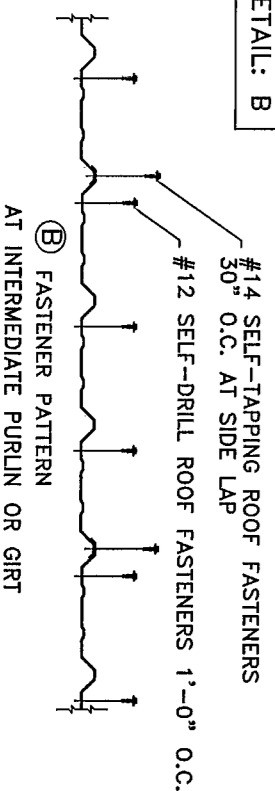
SEE BUILDING ERECTION DRAWINGS FOR ACTUAL DIMENSION.



DETAIL: A



DETAIL: B



DETAIL: C

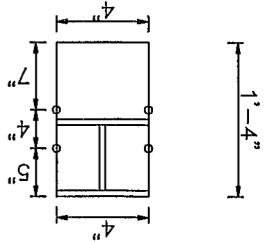
© STITCH FASTENER #14x7/8\"/>

DATE: 12/18/09

DWG NO:

CS-2

GENERAL NOTES:
 MINOR FIELD WORK OF STRUCTURAL, SECONDARY AND PANEL/TRIM ITEMS MAY BE NECESSARY TO ENSURE PROPER FIT. SUCH WORK IS CONSIDERED A NORMAL PART OF METAL BUILDING ERECTION. WE WILL NOT HONOR BACKCHARGES FOR MINOR FIELD WORK.



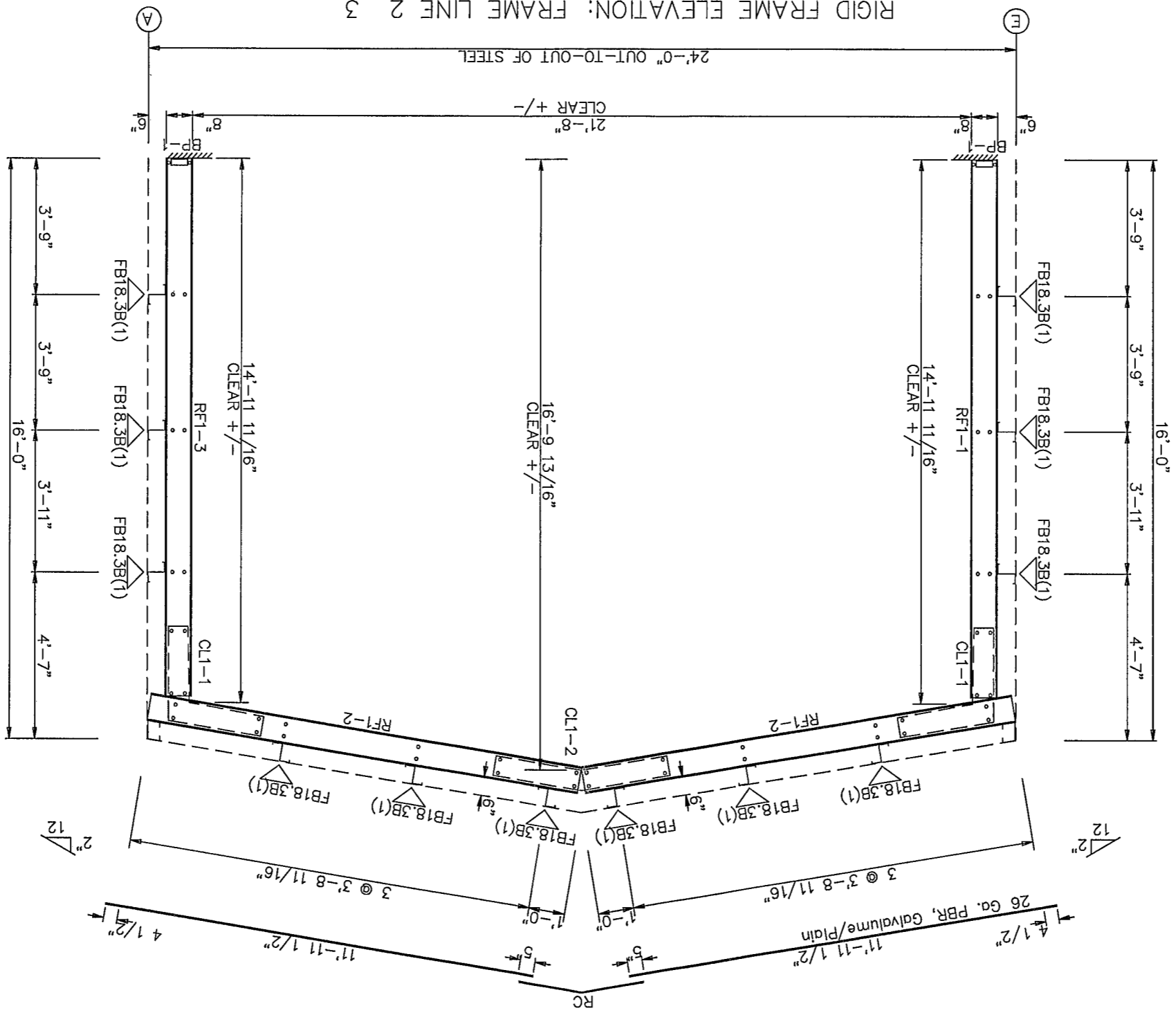
Hole Dia = 1 1/16"

BP-1

FLANGE BRACES: Both Sides(U.N.)
 FBxxB(1): xx=length(in), (1)=one side
 B - L2X2X1/8

Col	Plate Size	Mark	BP-1
	Width	3/8"	4"
	Thick	1'-4"	

SPICE BOLT TABLE			
Mark	Qty	Top Bot	Int Type Dia Length
CL1-1	4	4	0 A325 0.500 2.00



RIGID FRAME ELEVATION: FRAME LINE 2 3

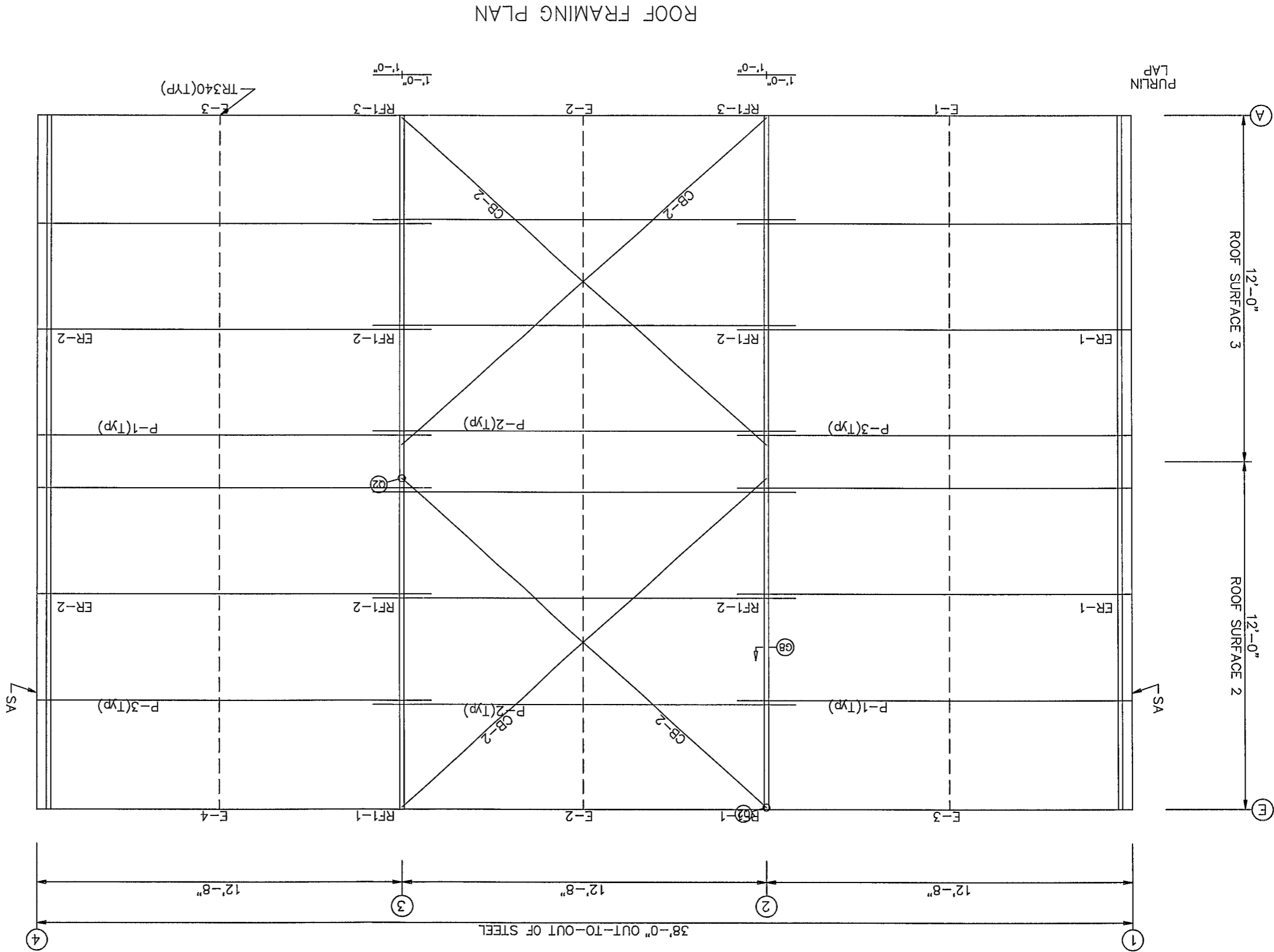
24'-0" OUT-TO-OUT OF STEEL

RIGID FRAME ELEVATION			
Customer: JACOB INDUSTRIES	City: MCKEES ROCKS	State: PA	State: FL
Designer: KL	Date: 10/14/13	Office: PA	Office: PA
Detailer: PO	Date: 10/14/13	Office: PA	Office: PA
Checker: HH	Date: 10/14/13	Office: PA	Office: PA
Job No.: 000315	Sht. E3 of 10		

MEMBER SIZE TABLE		
MARK	MEMBER	LENGTH
RF1-1	8X55D13	14'-10 13/16"
RF1-2	8X55D16	12'-0 5/8"
RF1-3	8X55D13	14'-10 13/16"

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Customer: TIMMIE HALVERSON		City: MCKEES ROCKS		State: PA		City: FORT WHITE		State: FL	
Designer: KL		Date: 10/14/13		Drafter: PO		Date: 10/14/13		Job No.: 000315	
Detailer: PO		Date: 10/14/13		Office: PA		Date: 10/14/13		Office: PA	
Checker: HH		Date: 10/14/13		Date: 10/14/13		Date: 10/14/13		Sht. E6 of 10	



ROOF FRAMING PLAN

ROOF SHEETING
 PANELS: 26 Ga. PBR
 Galvalume/Plain

11'-11 1/2" (13)

RC (13)

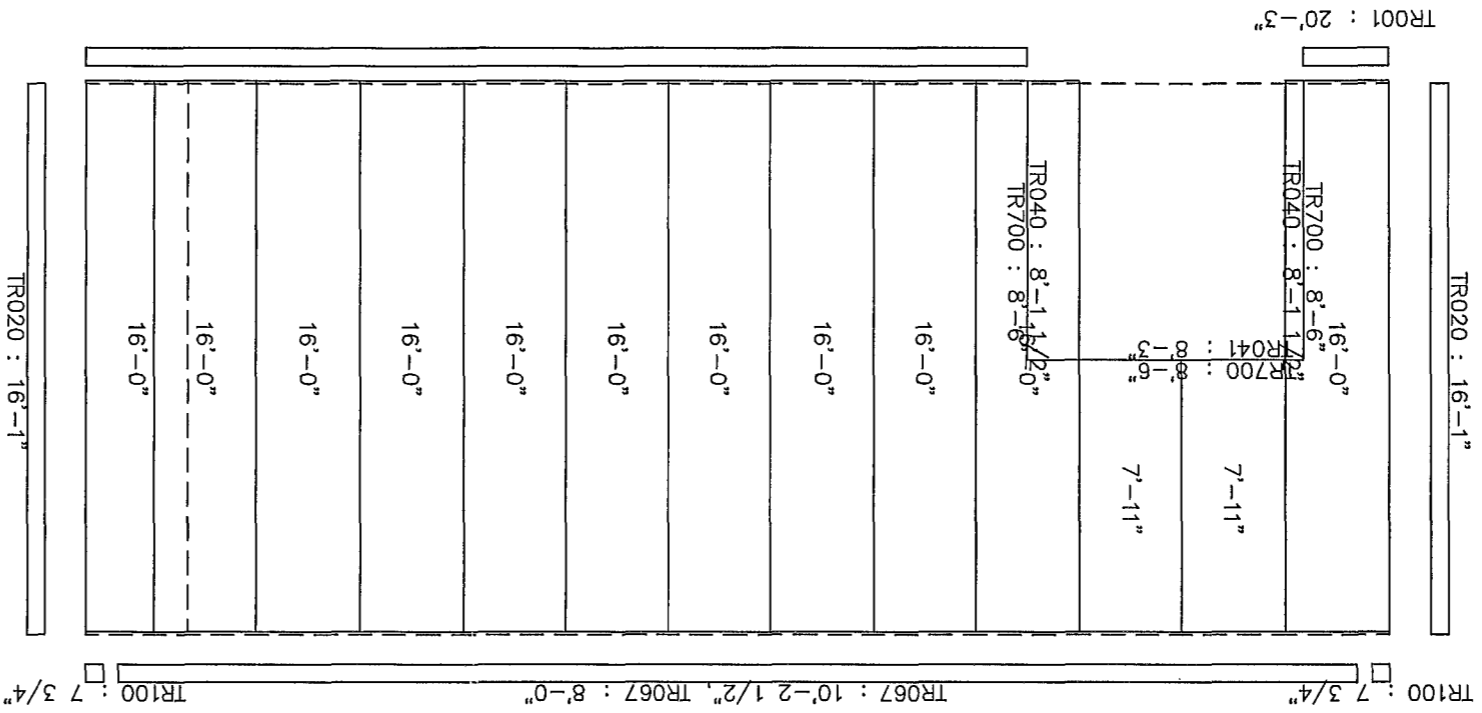
11'-11 1/2" (13)

MARK	PART	LENGTH
P-1	6x25Z16	13'-7 1/2"
P-2	6x25Z16	14'-8"
P-3	6x25Z16	13'-7 1/2"
E-1	6x30E162	12'-7 1/4"
E-2	6x30E162	12'-7 1/2"
E-3	6x30E162	12'-7 1/4"
E-4	6x30E162	12'-7 1/4"
CB-2	0.25 CBL	14'-11"

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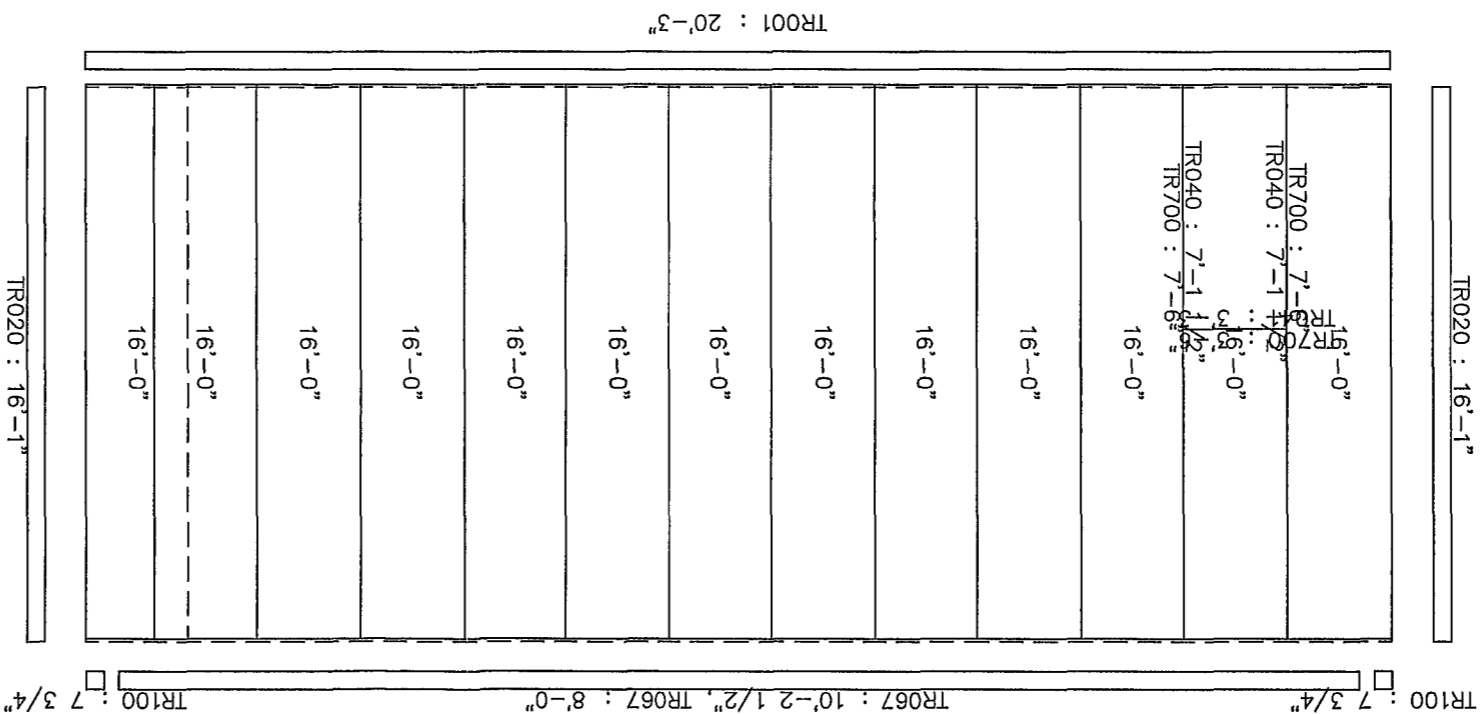
SIDEWALL SHEETING & TRIM: FRAME LINE E

PANELS: 26 Ga. PBR - Light Stone



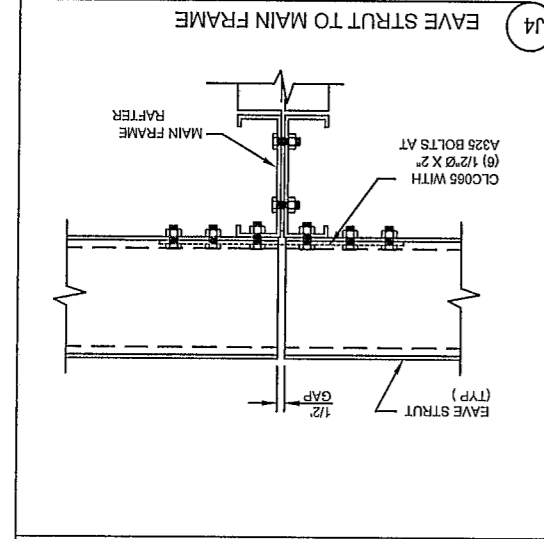
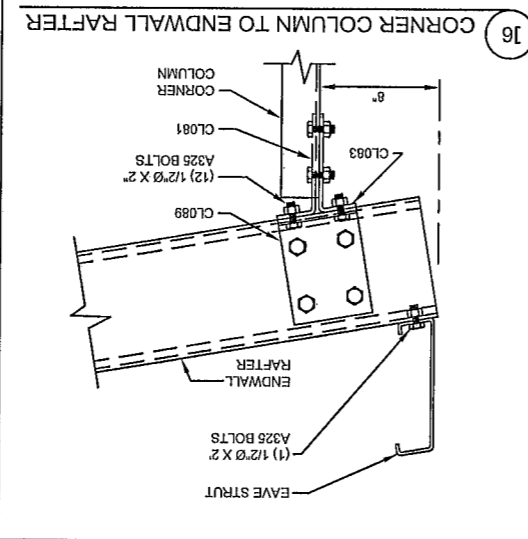
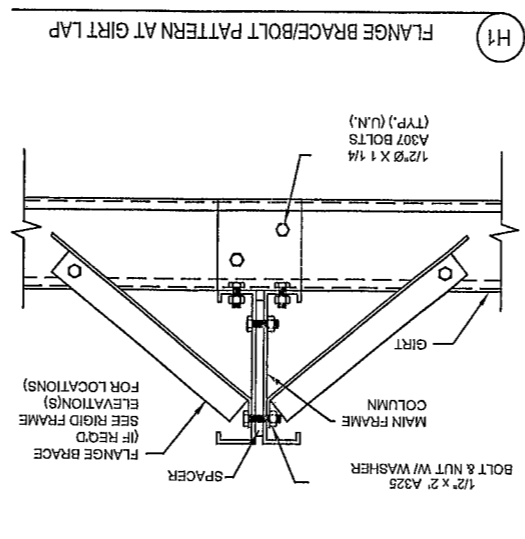
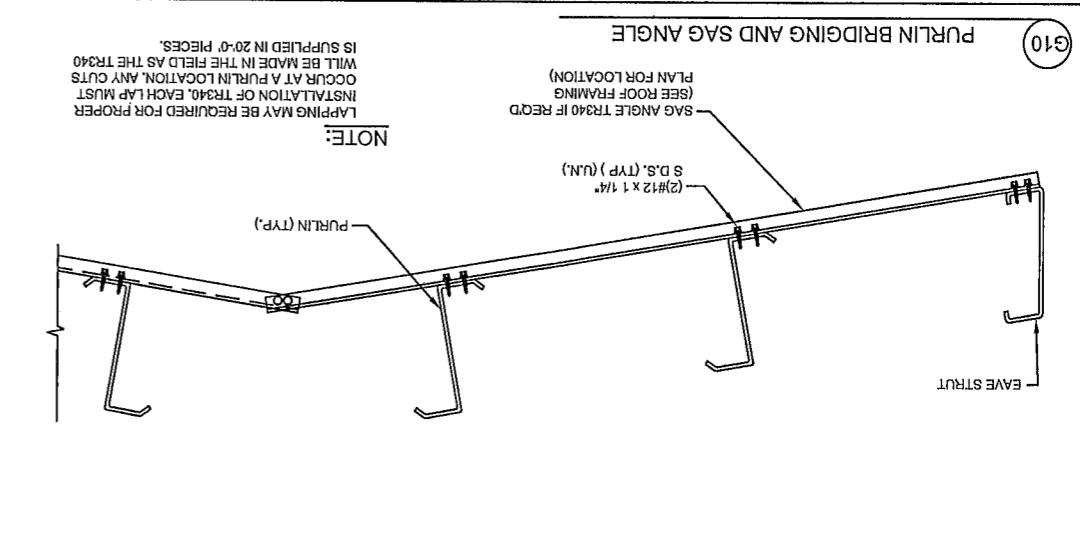
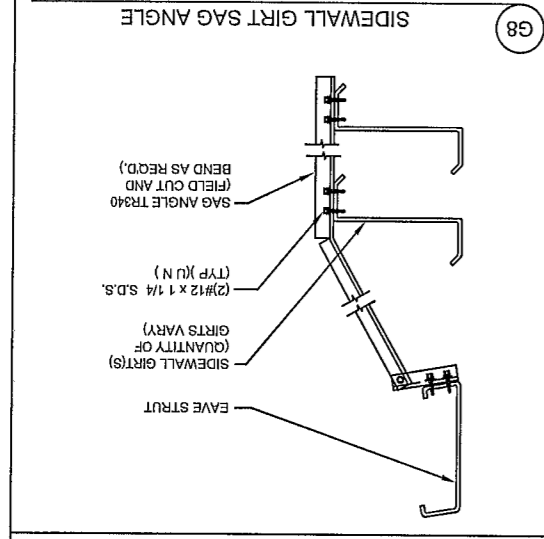
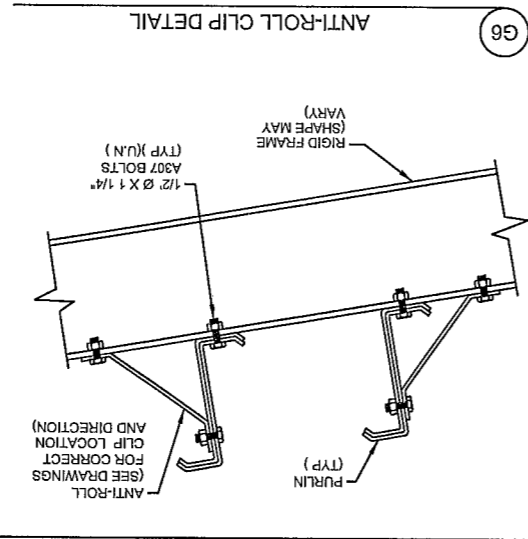
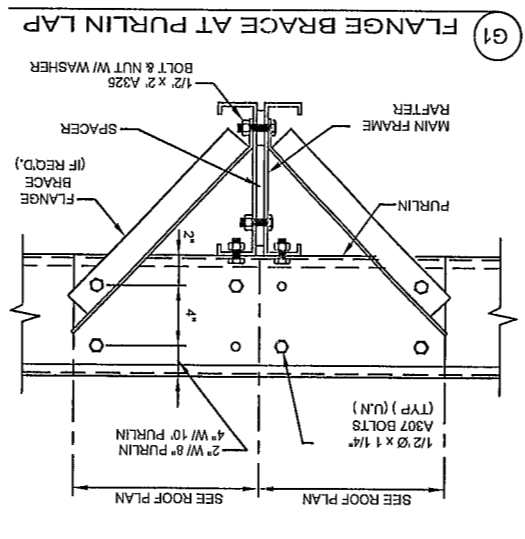
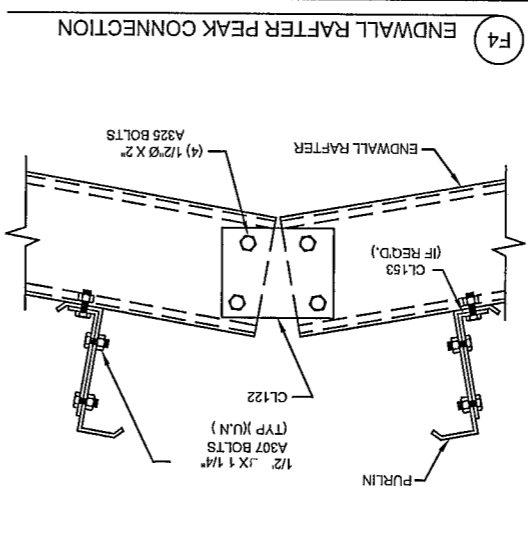
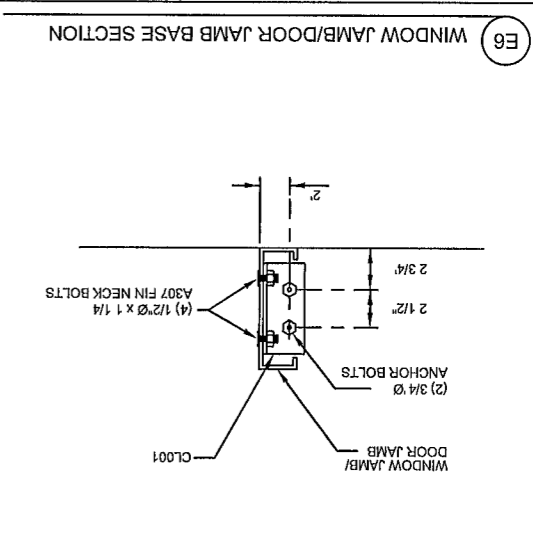
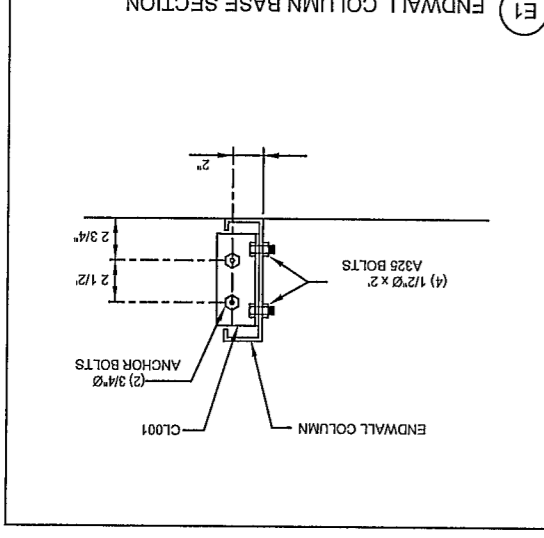
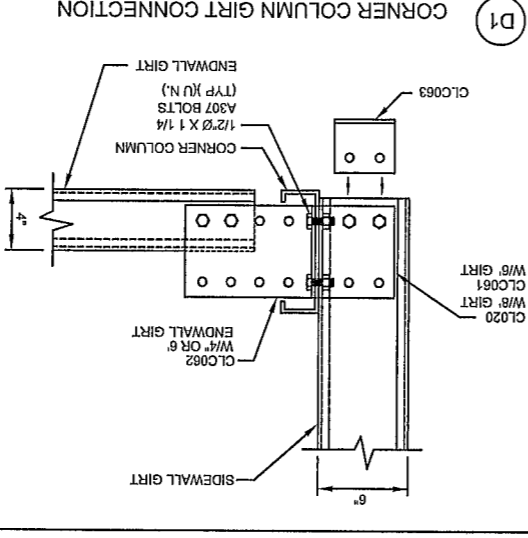
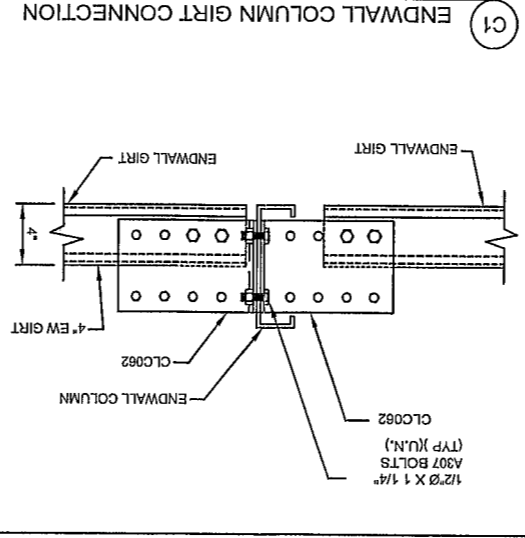
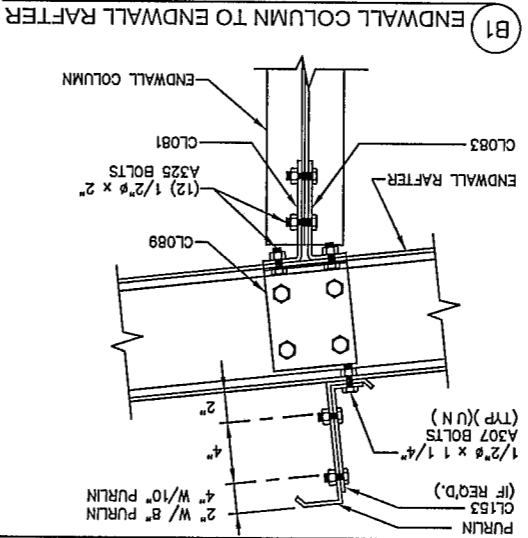
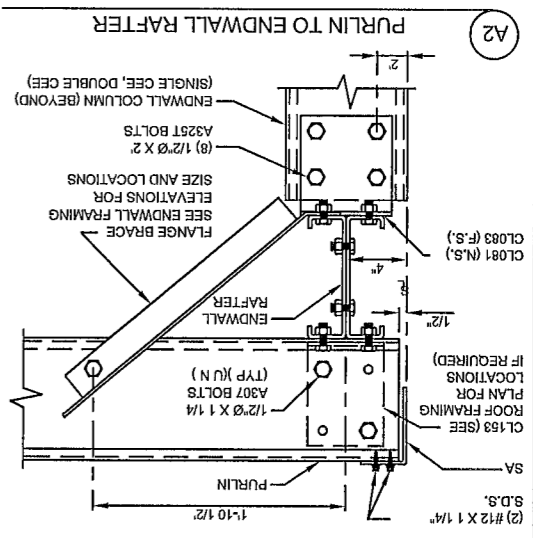
SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR - Light Stone



Customer: TIMMIE HALVERSON		City: FORT WHITE		State: FL	
JACOB INDUSTRIES		City: MCKEES ROCKS		State: PA	
Designer: KL	Date: 10/14/13	Designer: PO	Date: 10/14/13	City: FORT WHITE	
Detailer: PO	Date: 10/14/13	Drafter: PO	Date: 10/14/13	State: FL	
Checker: HH	Date: 10/14/13	Job No.: 000315	Sht. E7 of 10		
SIDEWALL FRAMING					

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JACOB INDUSTRIES		Customer: TIMMIE HALYERSON	
CHY: MCKEES ROCKS		State: PA	
Date: 10/14/13		Date: 10/14/13	
Designer: KL	Drafter: PO	Office: PA	Office: PA
Checker: HH	Date: 10/14/13	DETAIL DRAWINGS	
Job No.: 000315		Sht. E9 of 10	

