

# Kirby Building Systems

## A Nucor Company

124 KIRBY DRIVE, PORTLAND, TN 37148

"THE DIFFERENCE IN METAL BUILDINGS"



ACCREDITED  
AC472

### GENERAL NOTES: METAL BUILDING MANUFACTURERS ASSOCIATION

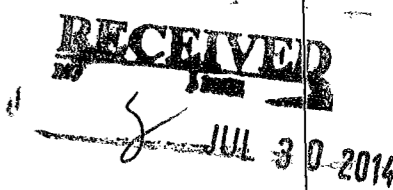
- |                        |                          |        |
|------------------------|--------------------------|--------|
| 1. MATERIALS           | ASTM DESCRIPTION         | MEMBER |
| STRUCTURAL STEEL PLATE | A529 / A572              | A1011  |
| HOT ROLLED MILL SHAPES | A36 / A529 / A572 / A500 |        |
| COLD FORM SHAPES       | A653 / A1011             |        |
| ROOF AND WALL SHEETING | A653 / A792              |        |
| BOLTS                  | A307 / A325              |        |
| CABLE                  | A475                     |        |
| RODS                   | A572 / A108              |        |
- A325 BOLT TIGHTENING REQUIREMENTS**  
BOLTED JOINTS SHALL BE CONNECTED AND INSPECTED IN ACCORDANCE WITH THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS," JUNE 30, 2004, RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS. UNLESS NOTED OTHERWISE ON THE KBS ERECTION DRAWINGS, ALL A325 BOLTS LARGER THAN 1/2" ARE USED IN CONNECTIONS DEFINED AS SNUG TIGHT
  - STRUCTURAL SHOP COAT PAINT**  
THE COAT OF SHOP PRIMER IS INTENDED TO PROTECT THE STEEL FRAMING FOR ONLY A SHORT PERIOD OF EXPOSURE TO ATMOSPHERIC CONDITIONS. SHOP COAT PRIMER DOES NOT PROVIDE THE APPEARANCE, DURABILITY AND/OR PROTECTION OF AN APPROPRIATE FIELD APPLIED FINISH. KIRBY STANDARD SHOP COAT PAINT SHALL MEET OR EXCEED THE REQUIREMENTS OF FEDERAL SPECIFICATION TTP-636.
  - TEMPORARY PANEL STORAGE**  
PAINTED BUILDING PANELS WITH FLUOROPOLYMER FINISH ARE HIGH-QUALITY CONSTRUCTION MATERIALS. WHILE IN THE BUNDLE, PANELS SHOULD BE PROTECTED FROM HIGH TEMPERATURE, HUMIDITY AND MOISTURE. OTHERWISE, DAMAGE CAN OCCUR TO THE PAINTED SURFACE OF THE PANEL. PLEASE REFER TO THE "WARNING LABEL" THAT KIRBY APPLIES TO EACH BUNDLE OF FLUOROPOLYMER FINISHED PANELS FOR PROPER STORAGE PROCEDURES.
  - TEMPORARY BRACING**  
BUILDER/CUSTOMER SHALL SPECIFICALLY NOTE THAT BRACING FURNISHED BY KIRBY IS INTENDED TO BE USED FOR THE COMPLETED BUILDING; KIRBY DOES NOT REPRESENT OR GUARANTEE THAT THE BRACING WILL BE ADEQUATE AS TEMPORARY BRACING DURING ERECTION OF THE BUILDING.
  - PANEL HANDLING**  
METAL BUILDING PANELS ARE WAXED OR OILED FOR FINISH PROTECTION DURING SHIPPING AND STORAGE. THE WAX OR OIL MAKES THE PANELS SLIPPERY AND HAZARDOUS TO WALK ON OR STAND ON. THE WAX OR OIL CAN BUILD UP ON SHOES, GLOVES, AND CLOTHING MAKING CLIMBING OR WALKING ON OTHER COMPONENTS HAZARDOUS.
  - ERECTION NOTES**  
THE BUILDING MUST BE ERECTED ACCORDING TO THE FRAMING PLANS, STANDARD DETAILS, SPECIAL DETAILS, AND NOTES TO ASSURE COMPLIANCE WITH DESIGN LOADS AND BUILDING CODE REQUIREMENTS. FIELD MODIFICATION OF THE BUILDINGS OR BUILDING COMPONENTS WHICH WILL AFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY AN AUTHORIZED REPRESENTATIVE OF KIRBY BUILDING SYSTEMS.
  - WELDING SPECIFICATIONS**  
ALL SHOP WELDS ON MATERIALS GREATER THAN OR EQUAL TO 0.125" IN THICKNESS WERE PRODUCED IN ACCORDANCE WITH THE 2010 AWS D1.1 STRUCTURAL WELDING CODE - STEEL. THE REMAINING WELDS ON OTHER THINNER MATERIALS WERE PRODUCED IN ACCORDANCE WITH THE 2008 AWS D1.3 STRUCTURAL WELDING CODE - SHEET STEEL. ALL WELDING WAS PERFORMED BY AWS CERTIFIED WELDERS.
  - BUILDING MAINTENANCE MANUAL**  
AVAILABLE AT [http://www.kirbybuildingsystems.com/for\\_metal\\_building\\_systems\\_builders.asp](http://www.kirbybuildingsystems.com/for_metal_building_systems_builders.asp)

JOB NUMBER: K14P0385A  
 BUILDER: GAMBLE & ASSOC. CONST., INC  
 CUSTOMER: COLUMBIA GRAIN  
 LOCATION: LAKE CITY, FL

PRIMER COLOR DESIGNATION  
 RD - STANDARD RED PRIMER  
 GP - GRAY PRIMER  
 GZ - GALVANIZED

### TABLE OF CONTENTS

DRAWING NO.	DRAWING TITLE
E1	ANCHOR BOLT PLAN
E2	CROSS SECTION @ FRAME LINE 1
E3	CROSS SECTION @ FRAME LINE 2
E4	CROSS SECTION @ FRAME LINE 3
E5	ROOF FRAMING PLAN
E6	BACK SIDEWALL
E7	FRONT SIDEWALL
E8	LEFT ENDWALL
E9	RIGHT ENDWALL



### BUILDING LOADS / DESCRIPTION:

CERTIFICATION EXTENDS ONLY FOR THE LOADS SPECIFIED ON KIRBY'S PURCHASE ORDER TO THE STRUCTURAL COMPONENTS OF THE BUILDING DESIGNED AND SUPPLIED BY KIRBY BUILDING SYSTEMS, INC., IF ERECTED AS INDICATED. NOTE THAT KIRBY'S ENGINEER IS NOT ENGINEER OF RECORD FOR THIS CONSTRUCTION PROJECT. DESIGN LOADS HAVE BEEN APPLIED IN ACCORDANCE WITH THE FOLLOWING.

THIS STRUCTURE IS DESIGNED UTILIZING THE LOADS INDICATED AND APPLIED AS REQUIRED BY: 2010 FLORIDA BUILDING CODE

THE CONTRACTOR IS TO CONFIRM THAT THESE LOADS COMPLY WITH THE REQUIREMENTS OF THE LOCAL BUILDING DEPARTMENT.  
**ROOF DEAD LOAD:** 2.000 PSF (ROOF PANELS & PURLINS)  
**OCCUPANCY CATEGORY:** II - Normal  
**COLLATERAL LOAD:** 1 PSF  
**ROOF LIVE LOAD:** 20.00 PSF TRIBUTARY REDUCTION Yes  
**FRAME LIVE LOAD:** 15.88 / 12PSF  
**BASIC WIND SPEED:** 120 MPH EXPOSURE: B lw: 1.00 KZT: 1.0

**DEAD LOAD:** NORMAL WEIGHT OF METAL BUILDING COMPONENTS AS SUPPLIED BY THE MANUFACTURER.  
 THIS BUILDING IS DESIGNED AS a Enclosed STRUCTURE. ALL EXTERIOR COMPONENTS (DOORS, WINDOWS, ETC.) MUST BE DESIGNED TO WITHSTAND THE WIND LOADINGS SPECIFIED FOR THE DESIGN OF COMPONENTS AND CLADDING IN THE DESIGN CODE LISTED ABOVE.

### OTHER LOADS

### ENGINEER NOTES

## STRUCTURAL DRAWINGS

These drawings accurately depict the final design of this project and may be used to verify the framing member sizes. Prior to the delivery of this project, a set of drawings will be issued with the piece marks and any additional detail necessary for the construction of this metal building system. Note: these drawings are not to be used as approval drawings and any changes made may delay the delivery of this project.

### PRIMER:

STRUCTURAL FRAMING: RED OXIDE  
 SECONDARY FRAMING: RED OXIDE

### ROOF PANELS:

TYPE: KR2 - 26GA.  
 COLOR: Zinc-Aluminum

### WALL PANELS:

TYPE: KW - 26GA.  
 COLOR: Polar White SP

### SOFFIT PANELS:

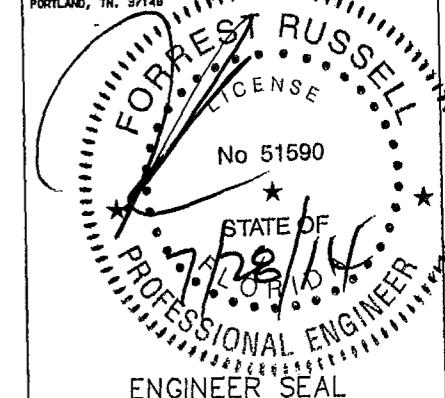
TYPE: \_\_\_\_\_  
 COLOR: \_\_\_\_\_

### LINER PANELS:

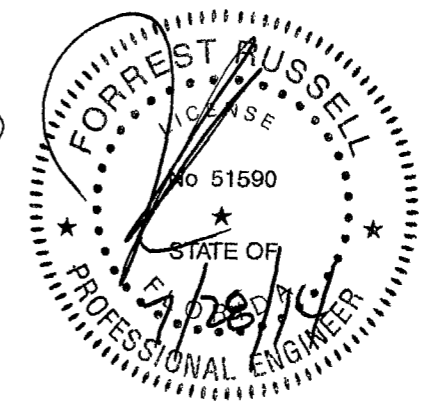
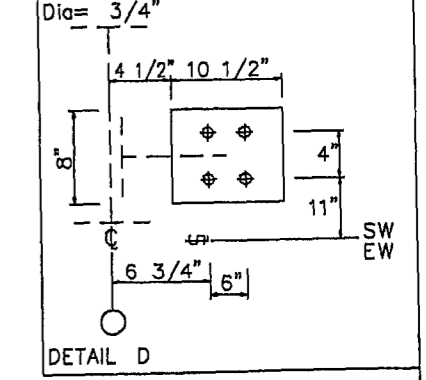
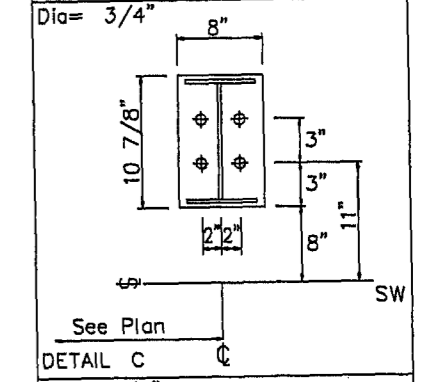
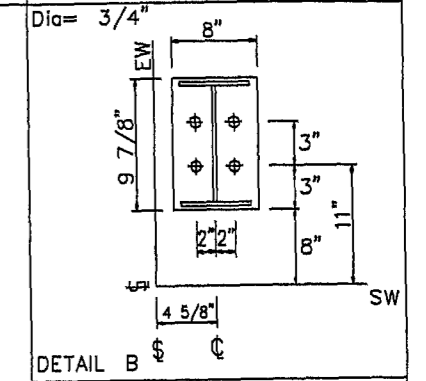
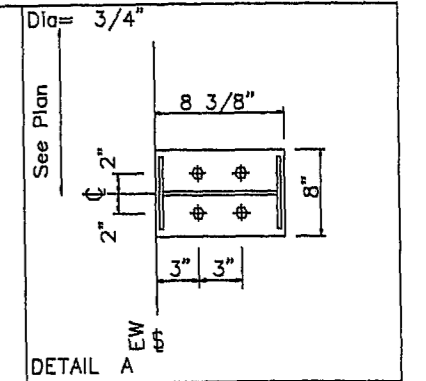
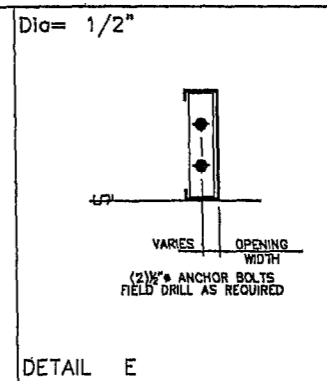
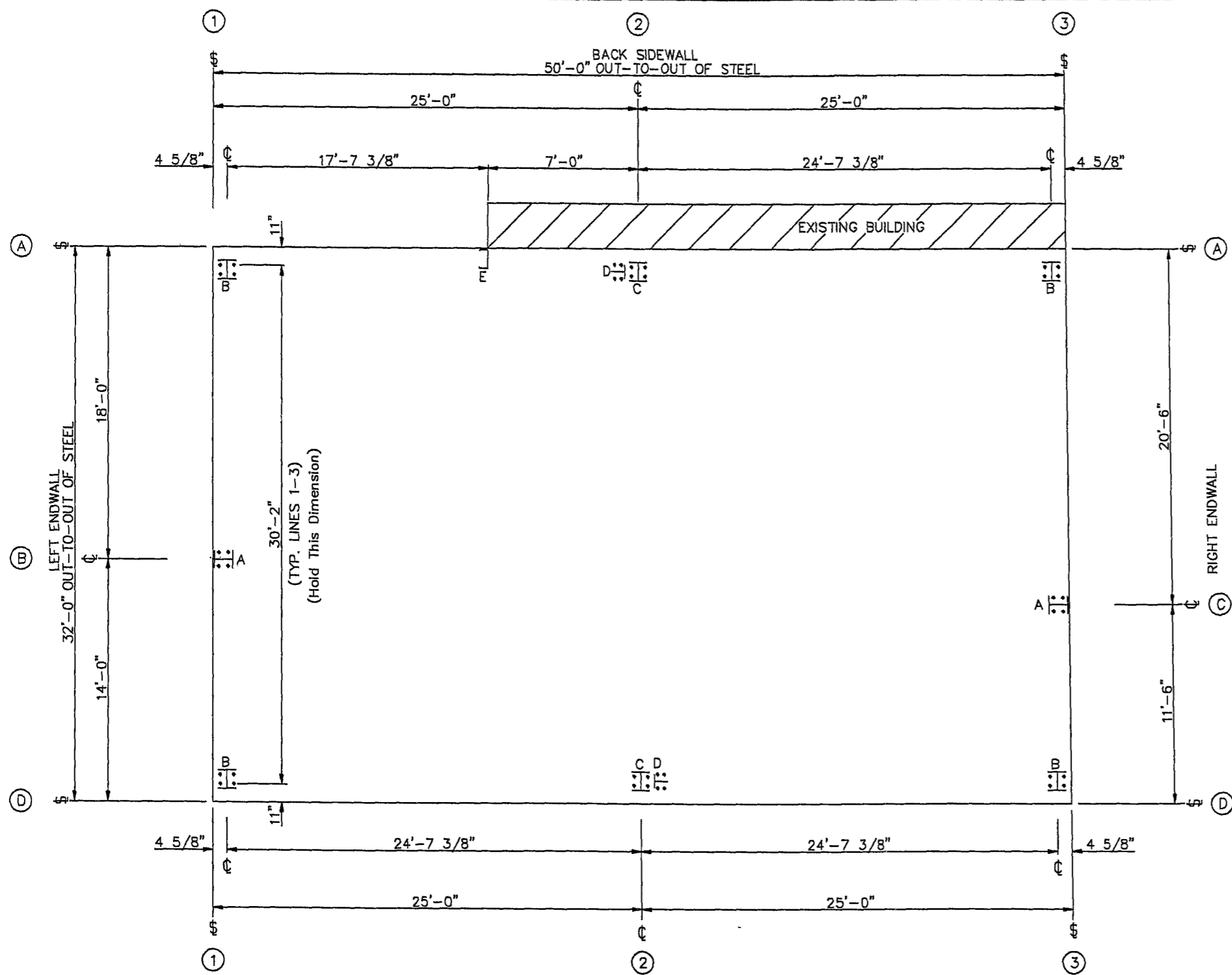
TYPE: \_\_\_\_\_  
 COLOR: \_\_\_\_\_

### SPECIAL NOTES:

FORREST J. RUSSELL  
 FLORIDA P.E. #51590  
 P.O. BOX 390  
 PORTLAND, TN. 37148



7/28/14

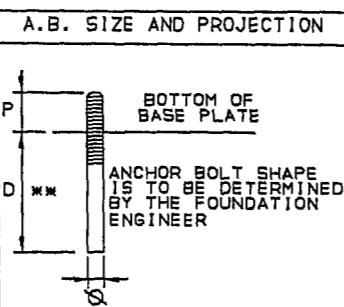


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CERTIFICATION EXTENDS ONLY FOR THE LOADS SPECIFIED ON KIRBY'S PURCHASE ORDER AS APPLIED TO THE STRUCTURAL COMPONENTS OF THE BUILDING DESIGNED AND SUPPLIED BY KIRBY BUILDING SYSTEMS, IF ERECTED AS INDICATED. NOTE THAT KIRBY'S ENGINEER IS NOT ACTING AS THE ENGINEER OF RECORD FOR THIS CONSTRUCTION PROJECT.

ANCHOR BOLT PLAN  
NOTE: All Base Plates @ 100'-0" (U.N.)  
NOTE: Finished Floor Elevation @ 100'-0" (U.N.)

- GENERAL NOTES:
- ALL DIMENSIONS ARE OUT TO OUT OF STEEL. IF CONCRETE NOTCH IS REQUIRED, THEN THE APPROPRIATE DIMENSIONS SHOULD BE ADDED TO OBTAIN THE OUT TO OUT OF CONCRETE DIMENSIONS.
  - CONCRETE STRENGTH = 3000 PSI MINIMUM.
  - ANCHOR BOLTS ARE NOT FURNISHED BY THE MANUFACTURER.
  - DRAWINGS ARE NOT TO SCALE.



A.B. SIZE AND PROJECTION		ANCHOR BOLT QUANTITY		ALLOW. LOAD TO BOLTS (LBS.)	PROJ. P (IN.)	MIN. EMBED D (IN.)	ISSUE	DESCRIPTION	BY	DATE
QTY.	BOLT DIA.	QTY.	BOLT DIA.							
AS REQ'D	1/2"						0	CONSTRUCTION	CRP	7/21/14
40	3/4"			8400	2 1/2"	**				
	1"			15,000	3"	**				
	1 1/4"			23,400	3 1/2"	**				
	1 1/2"			33,700	3 3/4"	**				
BOLT MATERIAL = ASTM A36 ** - ANCHOR BOLT EMBEDMENT LENGTH "D" IS TO BE DETERMINED BY THE FOUNDATION ENGINEER.										

**Kirby Building Systems**  
ANUEOR Company

KIRBY BUILDING SYSTEMS • 124 KIRBY DRIVE • PORTLAND, TN 37148

TITLE: ANCHOR BOLT PLAN	DRN. BY: CRP
BUILDER: GAMBLE & ASSOC. CONST., INC	DATE: 7/21/14
CUSTOMER: COLUMBIA GRAIN	CKD. BY: JRM
LOCATION: LAKE CITY, FL	DATE: 25-Jan-14
JOB NO: K14P0385A	DWG. NO: E1 OF: E9

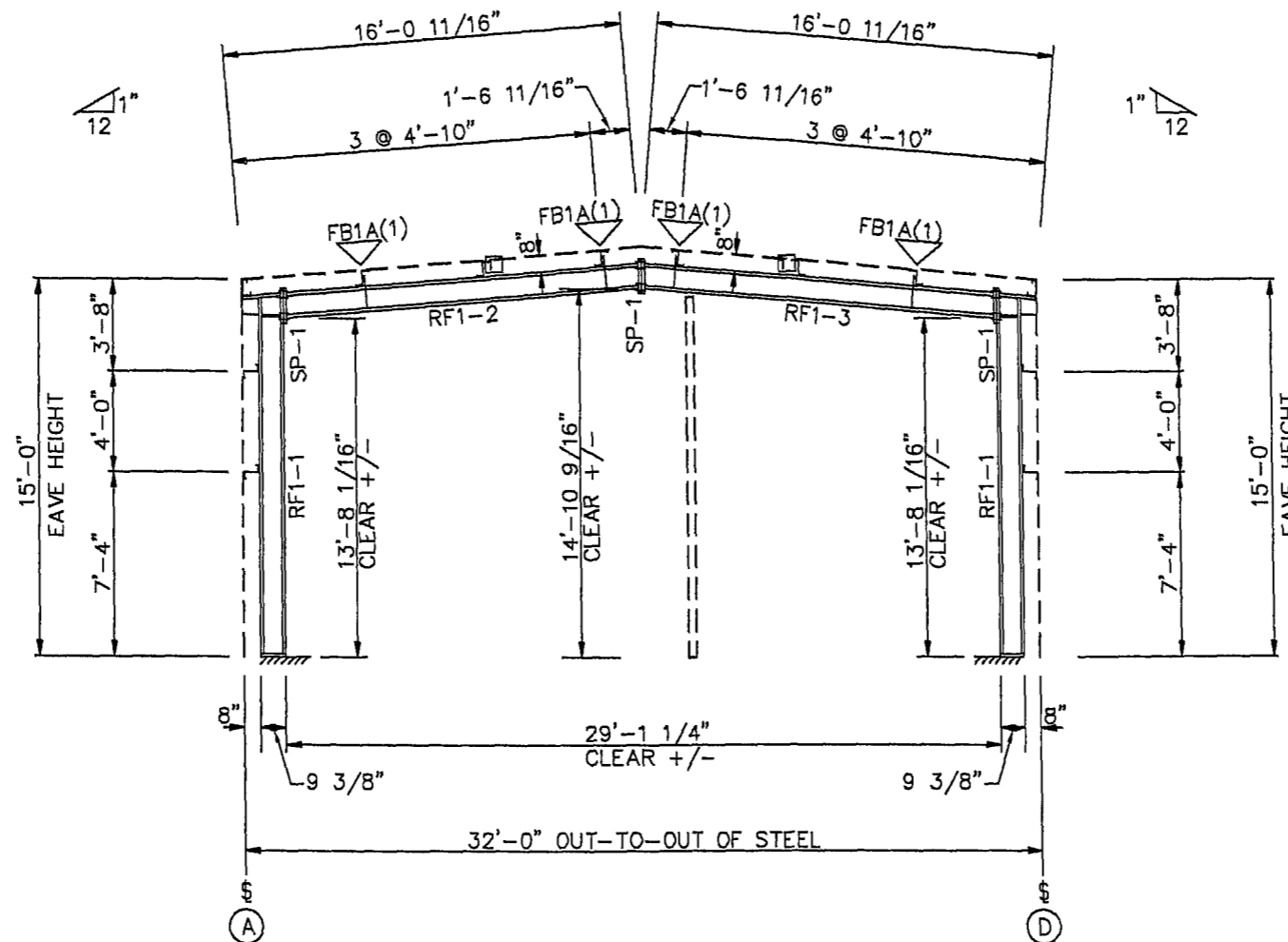
ID NUMBER: K14P0385 MBS

SPLICE PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	0	A325	3/4"	2 1/2"	6"	3/8"	1'-4 1/4"

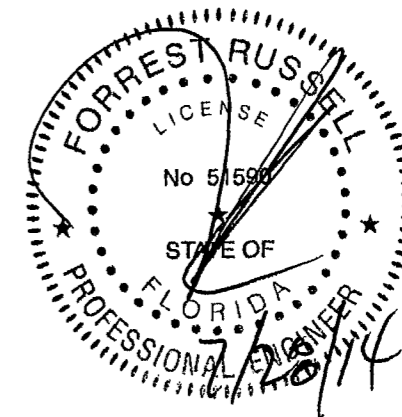
MEMBER TABLE									
Mark	Weight	Web Depth		Web Plate		Outside Flange		Inside Flange	
		Start	End	Thick	Length	W x Thk x Length	W x Thk x Length		
RF1-1	180	9.0	9.0	0.135	172.8	5 x 3/16" x 172.1	5 x 3/16" x 170.0	5 x 3/16" x 160.2	
RF1-2	175	9.0	9.0	0.135	175.0	5 x 3/16" x 174.3	5 x 3/16" x 174.3	5 x 3/16" x 174.3	
RF1-3	179	9.0	9.0	0.135	175.0	5 x 3/16" x 174.3	5 x 3/16" x 174.3	5 x 3/16" x 174.3	

FLANGE BRACES: (1) One Side; (2) Two Sides  
 FBxxA(1)  
 A - L175x075

CONNECTION PLATES	
ID	Mark/Part
1	PC20



RIGID FRAME ELEVATION: FRAME LINE 1



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- REFERENCE ELEVATION = 100'0".
- ALL BASE PLATES AT REFERENCE ELEVATION UNLESS NOTED.
- SEE ANCHOR BOLT PLAN FOR ANCHOR BOLT SIZES AND DETAILS.
- FLANGE BRACES ARE REQUIRED ON TWO SIDES (2) OR ONE SIDE (1) AS NOTED.
- ALL MAIN FRAME CONNECTION BOLTS ARE A325 BOLTS.

- FOR FLANGE BRACE CONNECTIONS IN THE ROOF, SEE DETAIL [BR105]. FOR FLANGE BRACE CONNECTIONS IN THE WALLS, SEE DETAIL [BR205].
- ALL FLANGE BRACE LOCATIONS MARKED TWO SIDES (2) AT EXPANDABLE END FRAMES REQUIRE ONE FLANGE BRACE TO BE INSTALLED AT THE TIME OF ERECTION, WHILE THE OTHER IS TO BE STORED AND USED AT THE TIME OF A FUTURE ADDITION.
- ALL CONNECTION BOLTS OR FIELD WELDS, PURLINS AND ALL FLANGE BRACES MUST BE PROPERLY INSTALLED ON MAIN FRAMES AS THEY ARE ERECTED AND BEFORE ERECTION LOADS ARE APPLIED.

ISSUE	DESCRIPTION	BY	DATE
S	STRUCTURAL	CRP	7/22/14



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 KIRBY BUILDING SYSTEMS • 124 KIRBY DRIVE • PORTLAND, TN 37148

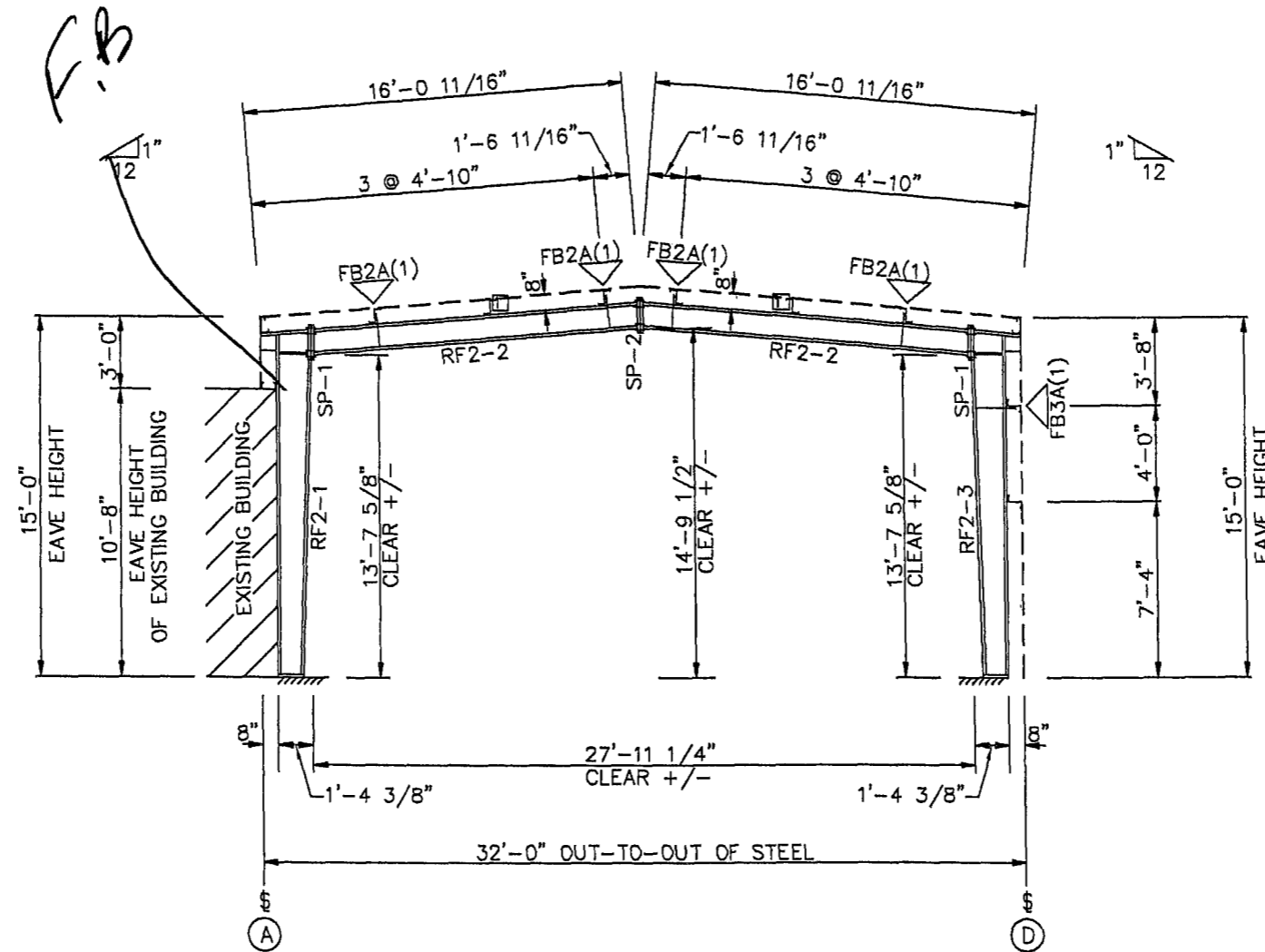
TITLE: CROSS SECTION LINE 1	DRN. BY: ROP
BUILDER: GAMBLE & ASSOC. CONST., INC	DATE: 07/28/14
CUSTOMER: COLUMBIA GRAIN	CKD. BY:
LOCATION: LAKE CITY, FL	DATE:
ID NUMBER: K14P0385	MBS JOB NO: K14P0385A
	DWG. NO: E2 OF: E9

SPLICE PLATE & BOLT TABLE									
Mark	Qty		Int	Type	Dia	Length	Width	Thick	Length
	Top	Bot							
SP-1	4	4	0	A325	3/4"	2 1/2"	6"	1/2"	1'-5 1/4"
SP-2	4	4	0	A325	3/4"	2 1/2"	6"	3/8"	1'-5 1/4"

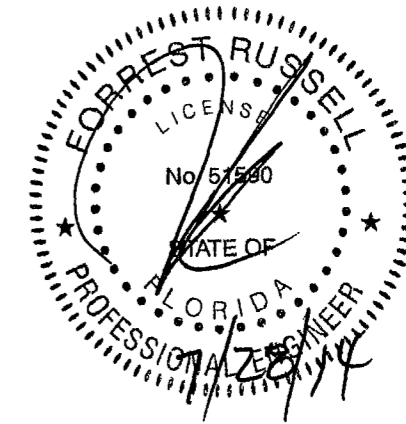
MEMBER TABLE									
Mark	Weight	Web Depth		Web Plate		Outside Flange		Inside Flange	
		Start	End	Thick	Length	W x Thk x Length	W x Thk x Length		
RF2-1	223	10.0	16.0	0.135	173.3	5 x 3/16" x 172.0	5 x 3/16" x 24.0	5 x 3/16" x 159.8	
RF2-2	180	10.0	10.0	0.135	167.8	5 x 3/16" x 167.0	5 x 3/16" x 24.0	5 x 3/16" x 167.0	
RF2-3	220	16.0	10.0	0.135	173.3	5 x 3/16" x 24.0	5 x 3/16" x 172.0	5 x 3/16" x 159.8	

▽ FLANGE BRACES: (1) One Side; (2) Two Sides  
 FBxxA(1)  
 A - L175x075

CONNECTION PLATES	
ID	Mark/Part
1	PC20



RIGID FRAME ELEVATION: FRAME LINE 2



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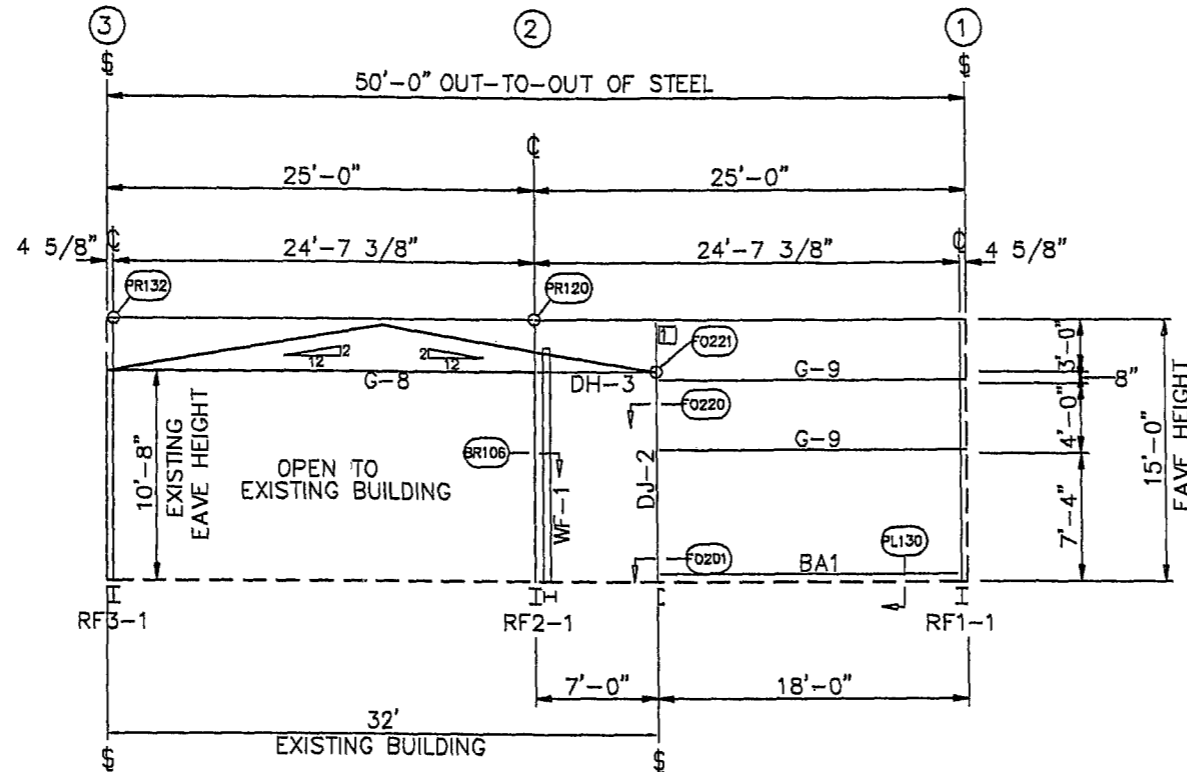
- REFERENCE ELEVATION = 100'0".
- ALL BASE PLATES AT REFERENCE ELEVATION UNLESS NOTED.
- SEE ANCHOR BOLT PLAN FOR ANCHOR BOLT SIZES AND DETAILS.
- FLANGE BRACES ARE REQUIRED ON TWO SIDES (2) OR ONE SIDE (1) AS NOTED.
- ALL MAIN FRAME CONNECTION BOLTS ARE A325 BOLTS.

- FOR FLANGE BRACE CONNECTIONS IN THE ROOF, SEE DETAIL [BR105] FOR FLANGE BRACE CONNECTIONS IN THE WALLS, SEE DETAIL [BR205]
- ALL FLANGE BRACE LOCATIONS MARKED TWO SIDES (2) AT EXPANDABLE END FRAMES REQUIRE ONE FLANGE BRACE TO BE INSTALLED AT THE TIME OF ERECTION, WHILE THE OTHER IS TO BE STORED AND USED AT THE TIME OF A FUTURE ADDITION.
- ALL CONNECTION BOLTS OR FIELD WELDS, PURLINS AND ALL FLANGE BRACES MUST BE PROPERLY INSTALLED ON MAIN FRAMES AS THEY ARE ERRECTED AND BEFORE ERECTION LOADS ARE APPLIED.

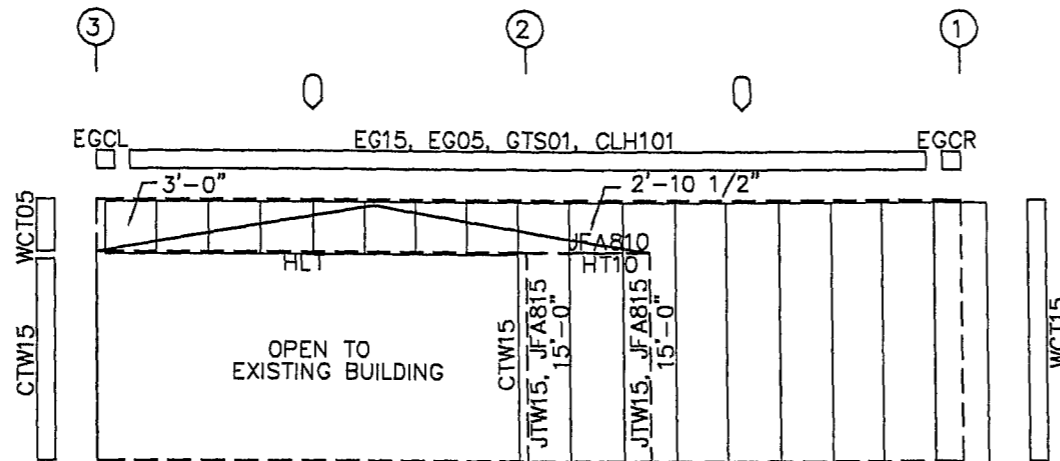
ISSUE	DESCRIPTION	BY	DATE
5	STRUCTURAL	CRP	7/22/14

		KIRBY BUILDING SYSTEMS • 124 KIRBY DRIVE • PORTLAND, TN 37148	
		TITLE: CROSS SECTION LINE 3	DRN. BY:
		BUILDER: GAMBLE & ASSOC. CONST., INC	DATE:
		CUSTOMER: COLUMBIA GRAIN	CKD. BY:
		LOCATION: LAKE CITY, FL	DATE:
ID NUMBER: K14P0385	MBS	JOB NO: K14P0385A	DWG. NO: E3 OF: E9

○ DOWNSPOUT LOCATIONS



BACK SIDEWALL FRAMING: FRAME LINE A



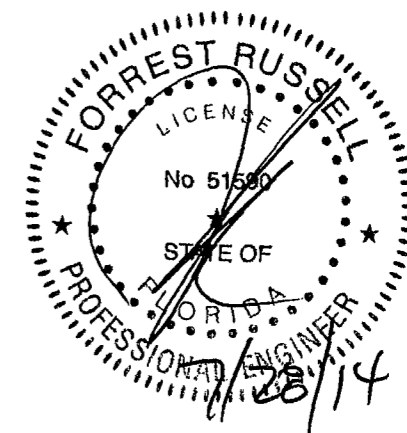
BACK SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. KW1 - Polar White SP  
EAVE TRIM: 26 Ga. - Burnished Slate

BOLT TABLE				
FRAME LINE A				
LOCATION	QUAN	TYPE	DIA	LENGTH
WF-1 - RF2-1	16	A325	1/2"	1 1/2"

CONNECTION PLATES			
FRAME LINE A			
ID	QUAN	MARK/PART	
1	1	e1	

MEMBER TABLE		
FRAME LINE A		
QUAN	MARK	PART
1	WF-1	10.5W1305A
1	DJ-2	8C067
1	DH-3	8C060
1	G-8	8C060
2	G-9	8Z060



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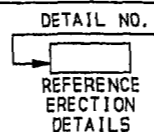
GENERAL NOTES:

- USE 1/2" x 1 1/4" A325 BOLTS FOR ALL GIRT LAP AND GIRT TO CLIP CONNECTIONS.
- THE DIAMETER OF THE BRACING IS DENOTED BY THE THIRD AND FOURTH DIGITS OF THE PIECE MARK. (EX. 08 = 1/2" x 10 = 5/8")
- ADEQUATE TEMPORARY BRACING MUST BE PROVIDED BY THE ERECTOR DURING THE ERECTION OF THE BUILDING.
- ALL PRIMARY AND SECONDARY FRAMING, WIND BRACING, ETC. MUST BE INSTALLED, PROPERLY ALIGNED, BOLTED OR WELDED PRIOR TO THE INSTALLATION OF THE PANELS.
- IT MAY BE NECESSARY DURING ERECTION TO MAKE MINOR ADJUSTMENTS AND ALIGNMENTS TO BOTH PURLINS AND GIRTS PRIOR TO INSTALLING PANELS.

- ERECTOR TO FIELD SLOT FLUSH FRAME GIRTS FOR CABLE BRACING.
- BUILDER TO FIELD CUT OR BACK LAP PANELS AS REQUIRED.
- BEFORE INSTALLATION OF WALL PANELS, IT IS IMPORTANT TO REFERENCE WALL PANEL FASTENER LAYOUT DETAILS ([PL153] KIRBYWALL [PL149] KIRBYRIB I) TO INSURE CORRECT USAGE OF FASTENERS.
- USE RVTCP AT 5'-0" C/C FOR TEMPORARY INSTALLATION OF CLH TRIM.
- DRAWINGS ARE NOT TO SCALE.
- REF. [PL357] FOR CAULKING AT TRIM LAPS
- WARNING: PENCIL LEAD AND MARKER WILL CAUSE GALV. PANELS AND TRIM PIECES TO RUST. DO NOT USE THESE TO MARK ON PARTS.

NOTE: ALL GIRT LAPS NOT INDICATED WILL BE 0'2 1/2" DOOR GIRTS, ALL GIRTS ATTACHED AT ONE END TO A DOOR JAMB ARE 16 GAGE UNLESS NOTED OTHERWISE.

DETAIL KEY



ISSUE	DESCRIPTION	BY	DATE
S	STRUCTURAL	CRP	7/22/14

<p>KIRBY BUILDING SYSTEMS • 124 KIRBY DRIVE • PORTLAND, TN 37148</p>	
TITLE: BACK SIDEWALL	DRN. BY:
BUILDER: GAMBLE & ASSOC. CONST., INC	DATE:
CUSTOMER: COLUMBIA GRAIN	CKD. BY:
LOCATION: LAKE CITY, FL	DATE:
JOB NO: K14P0385A	DWG. NO: E6 OF: E9

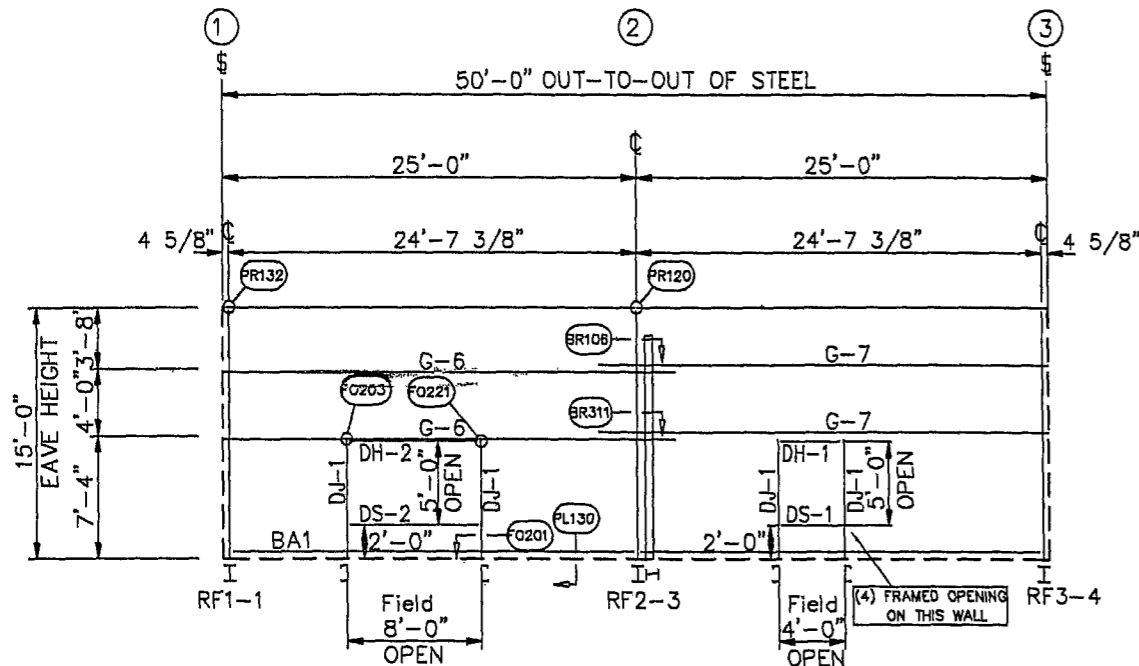
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MBS

○ DOWNSPOUT LOCATIONS

BOLT TABLE			
FRAME LINE D			
LOCATION	QUAN	TYPE	DIA LENGTH
WF-1 - RF2-3	16	A325	1/2" 1 1/2"

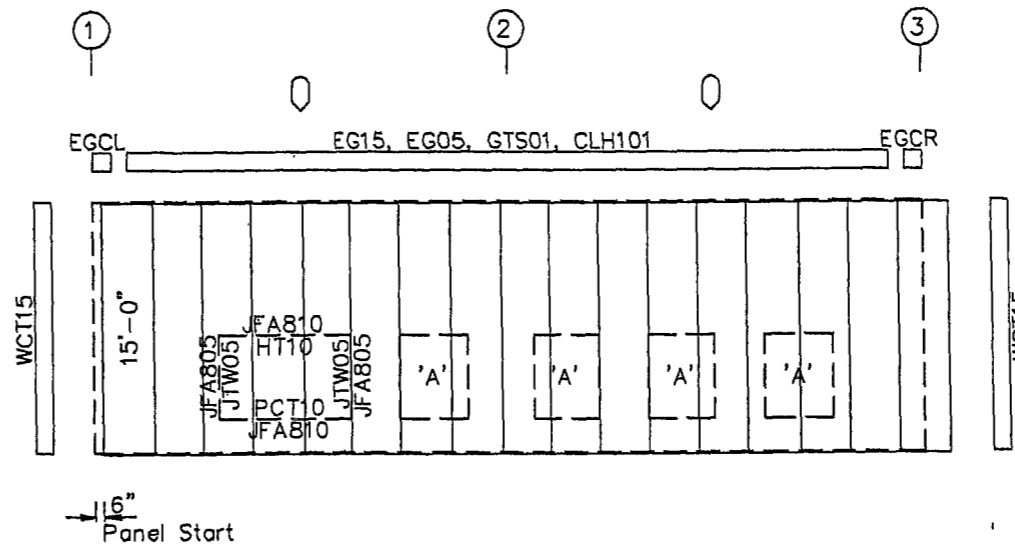
MEMBER TABLE		
FRAME LINE D		
QUAN	MARK	PART
1	WF-1	10.5W1305A
10	DJ-1	8C060
4	DH-1	8C060
1	DH-2	8C060
4	DS-1	8C060
1	DS-2	8C060
2	G-6	8Z060
2	G-7	8Z060



GIRT LAPS

2'-4 1/8" / 2'-4 1/8"

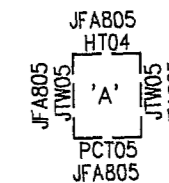
FRONT SIDEWALL FRAMING: FRAME LINE D



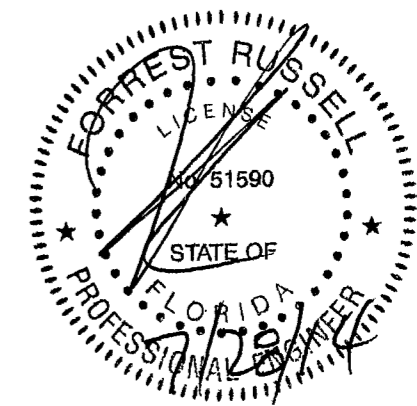
FRONT SIDEWALL SHEETING & TRIM: FRAME LINE D

PANELS: 26 Ga. KW1 - Polar White SP  
EAVE TRIM: 26 Ga. - Burnished Slate

FRAMED OPENING LAYOUT



(4)M 4'x5' FRAMED OPENINGS



FORREST J. RUSSELL  
FLORIDA P.E. #51590  
P.O. BOX 390  
PORTLAND, TN, 37148

CERTIFICATION EXTENDS ONLY FOR THE LOADS SPECIFIED ON KIRBY'S PURCHASE ORDER AS APPLIED TO THE STRUCTURAL COMPONENTS OF THE BUILDING DESIGNED AND SUPPLIED BY KIRBY BUILDING SYSTEMS, IF ERECTED AS INDICATED. NOTE THAT KIRBY'S ENGINEER IS NOT ACTING AS THE ENGINEER OF RECORD FOR THIS CONSTRUCTION PROJECT.

GENERAL NOTES:

- USE 1/2" x 1 1/2" A325 BOLTS FOR ALL GIRT LAP AND GIRT TO CLIP CONNECTIONS.
- THE DIAMETER OF THE BRACING IS DENOTED BY THE THIRD AND FOURTH DIGITS OF THE PIECE MARK. (EX. 08 = 3/8" x 10 = 8" dia)
- ADEQUATE TEMPORARY BRACING MUST BE PROVIDED BY THE ERECTOR DURING THE ERECTION OF THE BUILDING.
- ALL PRIMARY AND SECONDARY FRAMING, WIND BRACING, ETC. MUST BE INSTALLED, PROPERLY ALIGNED, BOLTED OR WELDED PRIOR TO THE INSTALLATION OF THE PANELS.
- IT MAY BE NECESSARY DURING ERECTION TO MAKE MINOR ADJUSTMENTS AND ALIGNMENTS TO BOTH PURLINS AND GIRTS PRIOR TO INSTALLING PANELS.

- ERECTOR TO FIELD SLOT FLUSH FRAME GIRTS FOR CABLE BRACING.
- BUILDER TO FIELD CUT OR BACK LAP PANELS AS REQUIRED.
- BEFORE INSTALLATION OF WALL PANELS, IT IS IMPORTANT TO REFERENCE WALL PANEL FASTENER LAYOUT DETAILS ([PL153] KIRBYWALL [PL149] KIRBYRIB 11) TO INSURE CORRECT USAGE OF FASTENERS.
- USE RVTCP AT 5'-0" C/C FOR TEMPORARY INSTALLATION OF CLH TRIM.
- DRAWINGS ARE NOT TO SCALE.
- REF. [PL357] FOR CAULKING AT TRIM LAPS
- WARNING: PENCIL LEAD AND MARKER WILL CAUSE GALV. PANELS AND TRIM PIECES TO RUST. DO NOT USE THESE TO MARK ON PARTS.

NOTE, ALL GIRT LAPS NOT INDICATED WILL BE 0'2 1/4" DOOR GIRTS, ALL GIRTS ATTACHED AT ONE END TO A DOOR JAMB ARE 16 GAGE UNLESS NOTED OTHERWISE.

DETAIL KEY

DETAIL NO.	ISSUE	DESCRIPTION	BY	DATE
REFERENCE ERECTION DETAILS	S	STRUCTURAL	CRP	7/22/14

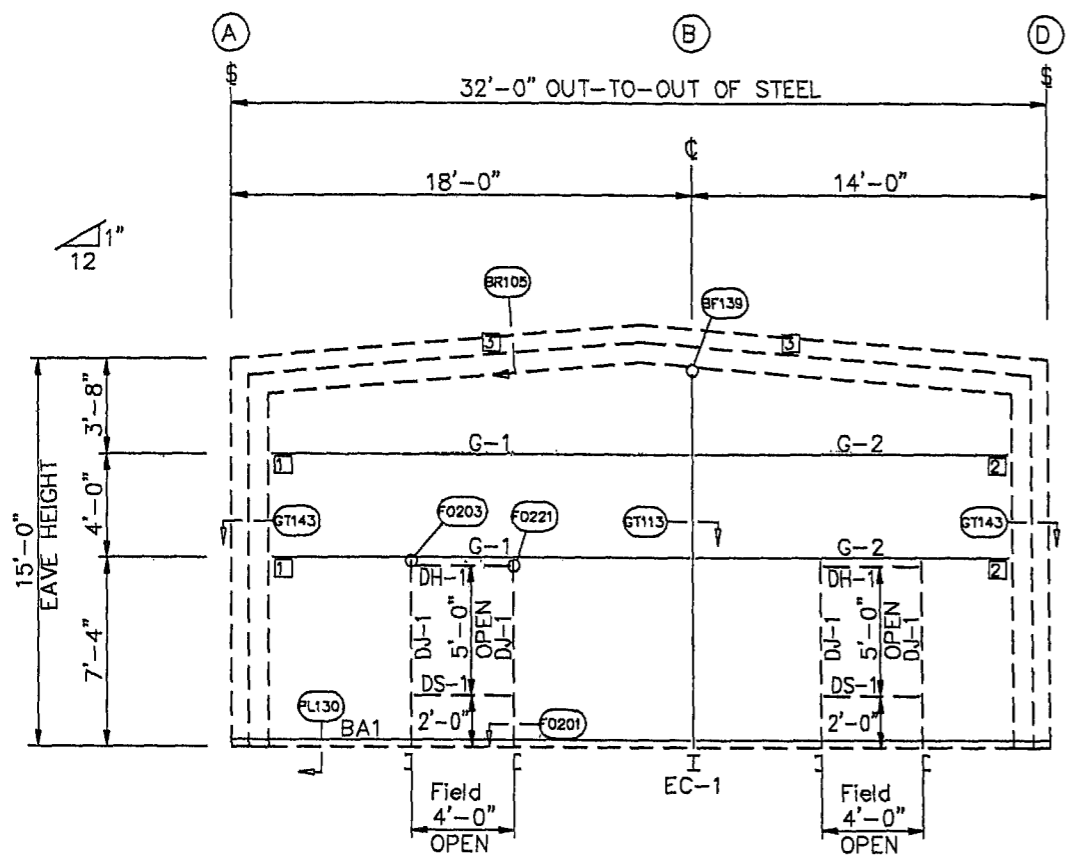
ID NUMBER	MBS	JOB NO.
K14P0385		K14P0385A

Kirby Building Systems ANUGOR Company	
KIRBY BUILDING SYSTEMS • 124 KIRBY DRIVE • PORTLAND, TN 37148	
TITLE: FRONT SIDEWALL	DRN. BY:
BUILDER: GAMBLE & ASSOC. CONST., INC	DATE:
CUSTOMER: COLUMBIA GRAIN	CKD. BY:
LOCATION: LAKE CITY, FL	DATE:
JOB NO: K14P0385A	DWG. NO: E7 OF: E9

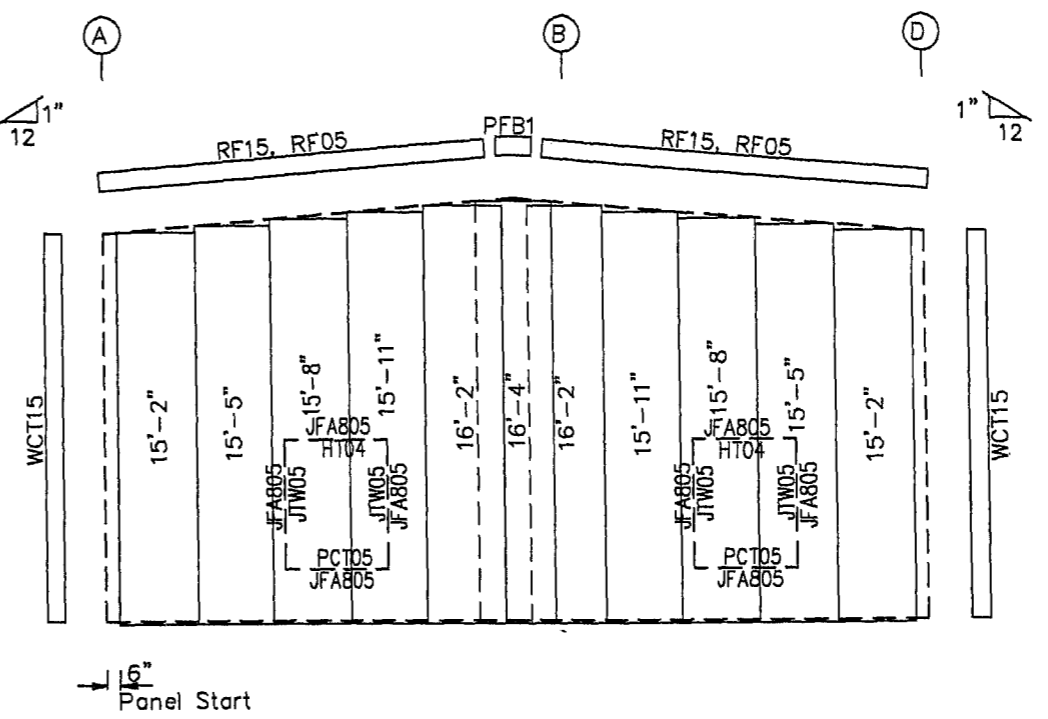
BOLT TABLE FRAME LINE 1			
LOCATION	QUAN	TYPE DIA	LENGTH
Columns/Raf	2	A325 1/2"	1 1/4"

CONNECTION PLATES FRAME LINE 1		
ID	QUAN	MARK/PART
1	2	b1
2	2	b2
3	2	PC20

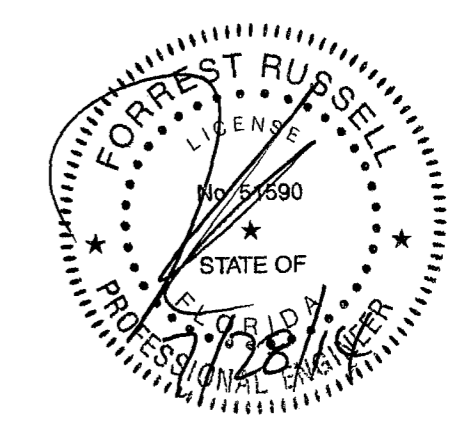
MEMBER TABLE FRAME LINE 1		
QUAN	MARK	PART
1	EC-1	W8x10
4	DJ-1	8C060
2	DH-1	8C060
2	DS-1	8C060
2	G-1	8Z060
2	G-2	8Z060



LEFT ENDWALL FRAMING: FRAME LINE 1



LEFT ENDWALL SHEETING & TRIM: FRAME LINE 1  
 PANELS: 26 Ga. KW1 - Polar White SP  
 EAVE TRIM: 26 Ga. - Burnished Slate



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CERTIFICATION EXTENDS ONLY FOR THE LOADS SPECIFIED ON KIRBY'S PURCHASE ORDER AS APPLIED TO THE STRUCTURAL COMPONENTS OF THE BUILDING DESIGNED AND SUPPLIED BY KIRBY BUILDING SYSTEM, IF ERECTED AS INDICATED. NOTE THAT KIRBY'S ENGINEER IS NOT ACTING AS THE ENGINEER OF RECORD FOR THIS CONSTRUCTION PROJECT.

- GENERAL NOTES:
- USE 1/2" x 1 1/4" A325 BOLTS FOR ALL GIRT LAP AND GIRT TO CLIP CONNECTIONS.
  - REFER TO BEARING FRAME DETAILS [BF] FOR CONNECTION REQUIREMENTS OF RAFTER TO RAFTER AND RAFTER TO COLUMN.
  - ADEQUATE TEMPORARY BRACING MUST BE PROVIDED BY THE ERECTOR DURING THE ERECTION OF THE BUILDING.
  - ALL PRIMARY AND SECONDARY FRAMING, WIND BRACING, ETC. MUST BE INSTALLED, PROPERLY ALIGNED, BOLTED OR WELDED PRIOR TO THE INSTALLATION OF THE WALL PANELS.
  - IT MAY BE NECESSARY DURING ERECTION TO MAKE MINOR ADJUSTMENTS AND ALIGNMENTS TO BOTH PURLINS AND GIRTS PRIOR TO INSTALLING PANELS.

- BUILDER TO FIELD CUT OR BACK LAP PANELS AS REQUIRED.
- BUILDER TO FIELD CUT PANELS AS REQ'D
- DRAWINGS ARE NOT TO SCALE.
- REF. [PL357] FOR CAULKING AT TRIM LAPS
- WARNING: PENCIL LEAD AND MARKER WILL CAUSE GALV. PANELS AND TRIM PIECES TO RUST. DO NOT USE THESE TO MARK ON PARTS.

DETAIL KEY	ISSUE	DESCRIPTION	BY	DATE
DETAIL NO.	S	STRUCTURAL	CRP	7/22/14
REFERENCE ERECTION DETAILS				

NOTE: ALL GIRT LAPS NOT INDICATED WILL BE 0'2 1/4"  
 DOOR GIRTS:  
 ALL GIRTS ATTACHED AT ONE END TO A DOOR JAMB ARE 16 GAGE UNLESS NOTED OTHERWISE.

**Kirby Building Systems**  
 A Nucor Company

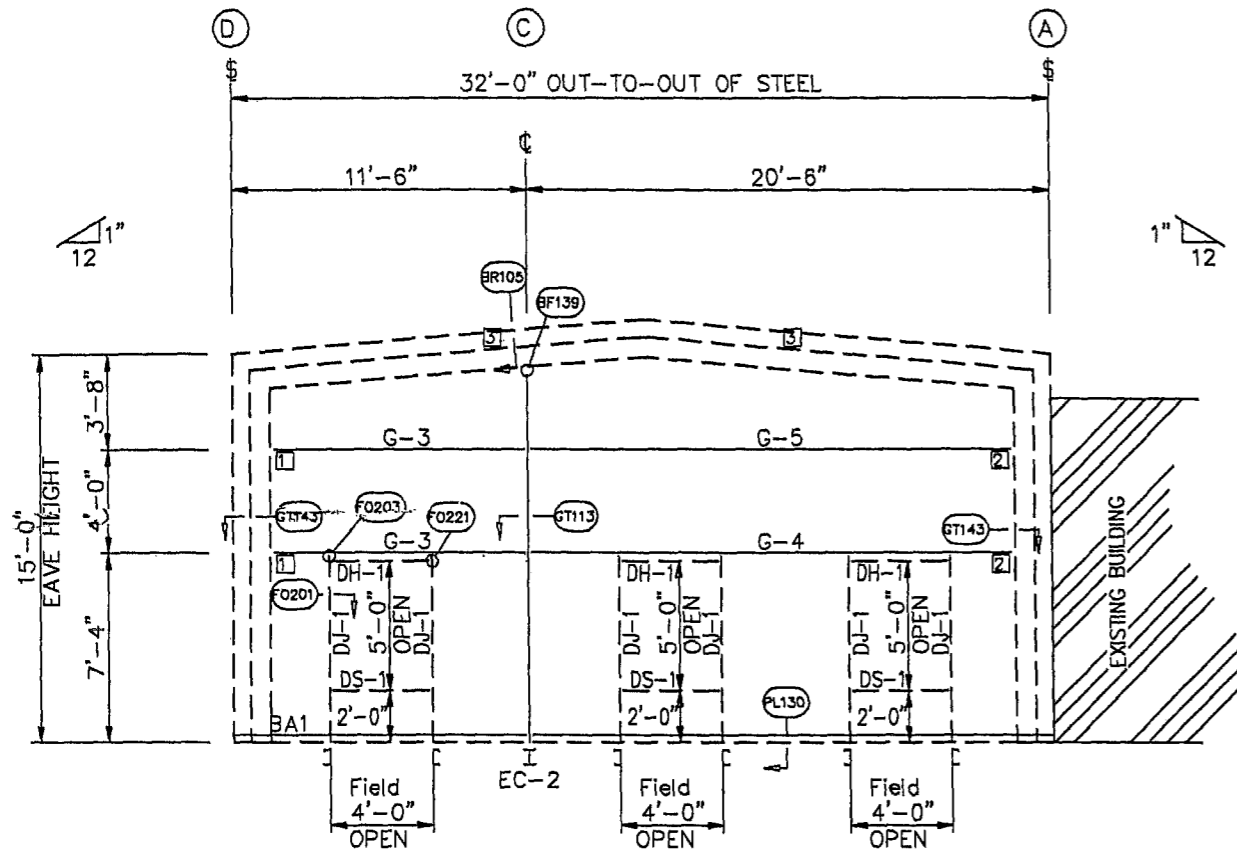
KIRBY BUILDING SYSTEMS • 124 KIRBY DRIVE • PORTLAND, TN 37148

TITLE: LEFT ENDWALL	DRN. BY:
BUILDER: GAMBLE & ASSO. CONST., INC	DATE:
CUSTOMER: COLUMBIA GRAIN	CKD. BY:
LOCATION: LAKE CITY, FL	DATE:
ID NUMBER: K14P0385	MBS JOB NO: K14P0385A
	DWG. NO: EB OF, E9

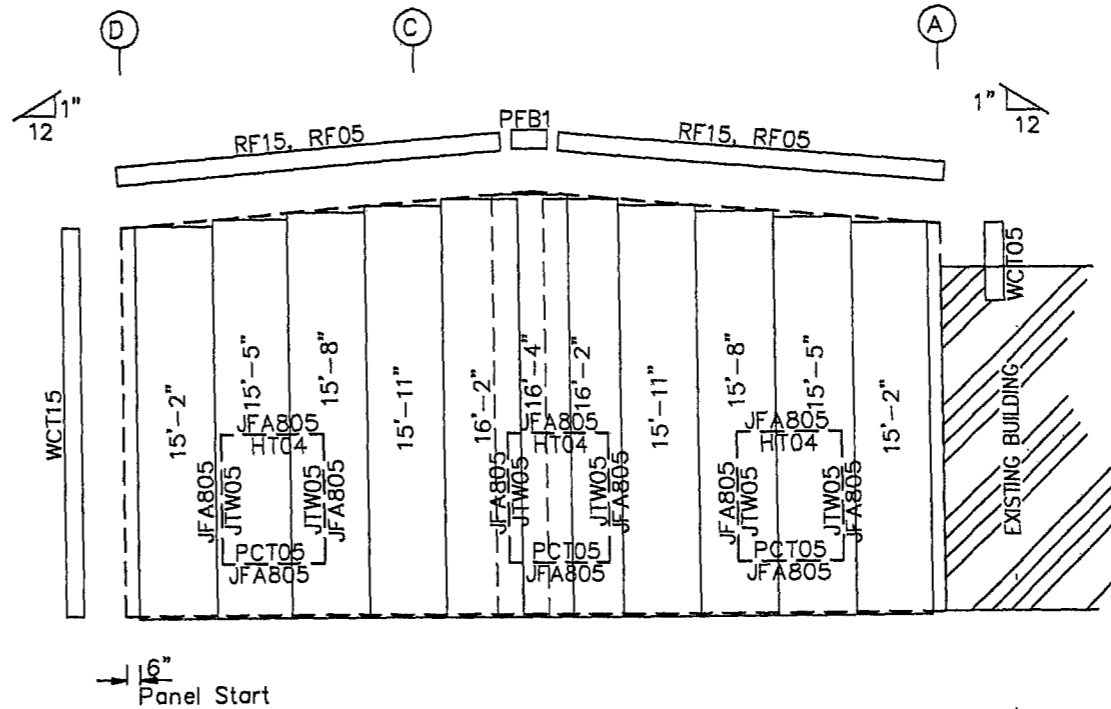
BOLT TABLE				
FRAME LINE 3				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	1/2"	1 1/4"

CONNECTION PLATES		
FRAME LINE 3		
ID	QUAN	MARK/PART
1	2	b1
2	2	b2
3	2	PC20

MEMBER TABLE		
FRAME LINE 3		
QUAN	MARK	PART
1	EC-2	W8x10
6	DJ-1	8C060
3	DH-1	8C060
3	DS-1	8C060
2	G-3	8Z060
1	G-4	8Z075
1	G-5	8Z060

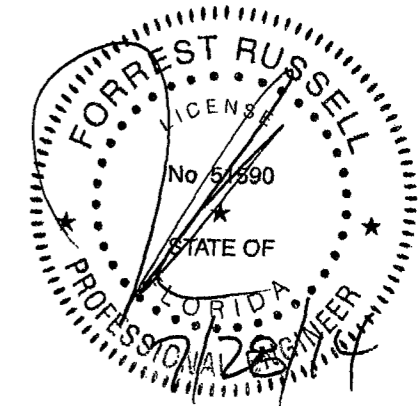


RIGHT ENDWALL FRAMING: FRAME LINE 3



RIGHT ENDWALL SHEETING & TRIM: FRAME LINE 3

PANELS: 26 Ga. KW1 - Polar White SP  
EAVE TRIM: 26 Ga. - Burnished Slate



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- BUILDER TO FIELD CUT PANELS AS REQ'D
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DETAIL NO.	S	STRUCTURAL	CRP	7/22/14
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KIRBY BUILDING SYSTEMS • 124 KIRBY DRIVE • PORTLAND, TN 37148	
TITLE: RIGHT ENDWALL	DRN. BY:
BUILDER: GAMBLE & ASSOC. CONST., INC	DATE:
CUSTOMER: COLUMBIA GRAIN	CKD. BY:
LOCATION: LAKE CITY, FL	DATE:
ID NUMBER: K14P0385	MBS JOB NO: K14P0385A
	DWG. NO. E9 OF. E9