



BUILDING SYSTEMS

A DIVISION OF NUCOR CORPORATION

NOTES AND SPECIFICATIONS

BUILDING ERECTION NOTES

- 1) THE GENERAL CONTRACTOR AND/OR ERECTOR IS RESPONSIBLE TO SAFELY AND PROPERLY ERECT THE METAL BUILDING SYSTEM IN CONFORMANCE WITH THESE DRAWINGS, SPECIFICATIONS, AND NUCOR BUILDING SYSTEMS MANUAL. THE ERECTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE. THE ERECTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE ERECTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE ERECTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.
- 2) ALL HIGH STRENGTH BOLTS ARE TYPE A307 AND ARE TO BE INSTALLED TO THE "TIGHT" CONDITION AS DEFINED BY THE AISC SPECIFICATION FOR STRUCTURAL JOINTS USING A307 OR A490 BOLTS. SECTION 8.1, UNLESS NOTED OTHERWISE. ALSO, NOTE THAT BOLTS IN STANDARD HOLES DO NOT REQUIRE WASHERS PER THE AISC SPECIFICATION FOR STRUCTURAL JOINTS USING A307 OR A490 BOLTS. SECTION 8.
- 3) ALL A307 MACHINE BOLTS ARE TO BE BROUGHT TO A "TIGHT" CONDITION TO ENSURE THAT THE MATERIALS IN THE JOINT ARE BROUGHT INTO GOOD CONTACT WITH EACH OTHER.
- 4) WASHERS ARE REQUIRED AT ALL SLOTTED CONNECTIONS AS FOLLOWS: -SLOT TO SLOT CONNECTION, TWO WASHERS REQUIRED, ONE ON EACH SIDE OF THE CONNECTION, HOWEVER AT LAPPED ZEE MEMBERS, WHENEVER PARALLS OR GRIS, NO WASHERS ARE REQUIRED IN THE B-BOLT LAPPED REGION.
- 5) THE METAL BUILDING SUPPLIER SHALL BE NOTIFIED PRIOR TO ANY FIELD MODIFICATIONS. MODIFICATIONS SHALL BE APPROVED BY THE METAL BUILDING SUPPLIER BEFORE WORK IS UNDERTAKEN.
- 6) ALL WELDING MUST BE PERFORMED BY AWS QUALIFIED WELDERS FOR THE WELDING PROCESSES AND WELD JOINTS. THE WELDING PROCESS SHALL BE COMPLETED AND INSPECTED IN ACCORDANCE WITH THE APPLICABLE AWS SPECIFICATIONS. WELD ELECTRODES USED FOR THE SAW (OR STICK) WELD PROCESS MUST BE 70 KSI STEEL AND LOW HYDROGEN CONTENT.
- 7) COMMON ABBREVIATIONS:
 - a) TOP LUG - TOP LUG
 - b) SILENT LUG - SILENT LUG
 - c) SILENT LUG - SILENT LUG
 - d) SILENT LUG - SILENT LUG
 - e) SILENT LUG - SILENT LUG
 - f) SILENT LUG - SILENT LUG
 - g) SILENT LUG - SILENT LUG
 - h) SILENT LUG - SILENT LUG
 - i) SILENT LUG - SILENT LUG
 - j) SILENT LUG - SILENT LUG
 - k) SILENT LUG - SILENT LUG
 - l) SILENT LUG - SILENT LUG
 - m) SILENT LUG - SILENT LUG
 - n) SILENT LUG - SILENT LUG
 - o) SILENT LUG - SILENT LUG
 - p) SILENT LUG - SILENT LUG
 - q) SILENT LUG - SILENT LUG
 - r) SILENT LUG - SILENT LUG
 - s) SILENT LUG - SILENT LUG
 - t) SILENT LUG - SILENT LUG
 - u) SILENT LUG - SILENT LUG
 - v) SILENT LUG - SILENT LUG
 - w) SILENT LUG - SILENT LUG
 - x) SILENT LUG - SILENT LUG
 - y) SILENT LUG - SILENT LUG
 - z) SILENT LUG - SILENT LUG
- 8) CONSTRUCTION JOINTS SHALL NOT BE PLACED ON ANY STRUCTURAL STEEL FRAMEWORK UNLESS SUCH FRAMEWORK IS SAFELY BOLTED, WELDED, OR OTHERWISE ADEQUATELY SECURED.
- 9) PURLINS AND GRIS SHALL NOT BE USED AS AN ANCHORAGE POINT FOR A FALL ARREST SYSTEM UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE METAL BUILDING SUPPLIER.
- 10) PARALLS MAY ONLY BE USED AS A WALKING/WORKING SURFACE WHEN INSTALLING SILENT LUGS. AFTER ALL PERMANENT BRACING HAS BEEN INSTALLED AND FALL PROTECTION IS IN PLACE.
- 11) CONSTRUCTION JOINTS MAY BE PLACED ONLY WITHIN A ZONE THAT IS WITHIN 8 FEET OF THE END OF THE BUILDING. THE JOINT SHALL BE PLACED DIRECTLY OVER THE RED FRAMES.
- 12) ALL LIFTING DEVICES MUST BE USED ON LIFT STANDARDS AND IN NO CASE IS IT ACCEPTABLE TO USE STRUCTURAL MEMBERS SUPPORTED BY THE BBS AS A SPREADER BAR OR LIFTING DEVICE.

- 1) ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBERS ARE DESIGNED IN ACCORDANCE WITH THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS - ALLOWABLE STRESS DESIGN, THIRD EDITION, OR THE AISC SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, THIRD EDITION, AS REQUIRED BY THE SPECIFIED BUILDING CODE.
- 2) ALL WELDING OF STRUCTURAL STEEL IS BASED ON AWS D1.1 "STRUCTURAL WELDING CODE" - LATEST EDITION.
- 3) ALL COLD FORMED MEMBERS ARE DESIGNED IN ACCORDANCE WITH AISC SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS, LATEST EDITION.
- 4) ALL WELDING OF COLD FORMED STEEL IS BASED ON AWS D1.3 "STRUCTURAL WELDING CODE - SHEET STEEL" - LATEST EDITION.
- 5) IF JOISTS ARE INCLUDED WITH THIS PROJECT, THEY ARE SUPPLIED AS A PART OF THE STRUCTURE - ENGINEERED METAL BUILDING AND ARE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 1802.728 OF THE OSHA SAFETY STANDARD FOR STEEL ERECTION, DATED JANUARY 18, 2001.
- 6) MATERIAL SPECIFICATIONS:
 - a) PLATE AND FLANGE MATERIALS:
 - 5" - 12" WIDE & THRU 1" THICK: A572, GRADE 50
 - OTHERS: A572, GRADE 50
 - b) BUILT-UP STRUCTURAL WEB MATERIAL: A1011 SS (OR HEALC CL1) OR SS
 - c) HOT-ROLLED STRUCTURAL: A36 OR A572 GRADE 50 OR A572 GRADE 50
 - d) STRUCTURAL TUBE: A500 GRADE B (46 KSI) OR A500 GRADE B (42 KSI)
 - e) STRUCTURAL PIPE: A500 GRADE B (42 KSI)
 - f) COLD-FORMED STRUCTURAL: A1011 OR A1028 SS (OR HEALC CL1) OR SS
 - g) ROOF PANELS: A792 GRADE 50
 - h) STANDING SEAM ROOF PANELS: A792 GRADE 50, CLASS 1
 - i) R-PANEL AND A-PANEL SIDING: A792 GRADE 50, CLASS 1
 - j) CABLE BRACING: A792 GRADE 50
 - k) WELDS: AWS D1.1, LATEST EDITION
 - l) HIGH-STRENGTH BOLTS: A325 TYPE 1 HEAVY HEX OR A490 TYPE 1 HEAVY HEX
 - m) MACHINE BOLTS: A-307 GRADE A HEX

PROJECT NUMBER: S12J0199A

PROJECT NAME: FORT WHITE FD

PROJECT LOCATION: FORT WHITE, FL 32038

CUSTOMER: PIONEER CONSTRUCTION SERVICE INC.

PRIMARY AND SECONDARY STEEL PRIMER COLOR: RED

ROOF SHEETING, TYPE: SS 24 GAGE, FINISH: Galvalume

ROOF PANEL CLIP TYPE: N/A SHORT DUTILITY FIXED FLOATING

THERMAL BLOCKS: YES NO EPS FOAM SPACER: YES NO

SEAMING METHOD (FOR CFR ONLY): TROLL LOCK™

REFER TO THE DETAIL PAGES FOR ADDITIONAL SEAMING INFORMATION

COMPOSITE CFR DECK, TYPE: N/A GAGE, FINISH: GALVALUME

ROOF LINE TRIM, PAINTED: Sagebrush SP NOTE: GUTTER HANGERS AND CRUI STAYS PROVIDED IN GALVALUME COLOR ONLY.

EXTERIOR WALL SHEETING, TYPE: RC 26 GAGE, FINISH: Galvalume

EXTERIOR WALL CORNER TRIM FINISH: Galvalume

EXTERIOR BASE TRIM, PAINTED: Sagebrush SP

FRAMED OPENING, SIZES: FSW NONE BSW NONE LEW NONE

INTERIOR WALL SHEETING, TYPE: GAGE, FINISH: GALVALUME

INTERIOR CEILING LINER, TYPE: GAGE, FINISH: GALVALUME

INTERIOR WALL TRIM, PAINTED: GALVALUME

YES NO

DOWNSPOUTS PAINTED: Sagebrush SP GUTTERS PAINTED: Sagebrush SP

WALDOORS, QUANTITY: (2) 4070 PAINTED: White

WINDOWS: PAINTED: GALVALUME

INSULATION (NOT BY MBS): ROOF: 6 INCH WALLS: 4 INCH

CRANES (SEE CRANE PLAN FOR ADDITIONAL CRANE INFORMATION)

MEZZANINE (SEE MEZZANINE PLAN FOR ADDITIONAL MEZZANINE INFO)

WALL TRANSLUCENT PANELS:

ROOF TRANSLUCENT PANELS:

INSULATED PANELS: YES NO QUANTITY:

PIPE JACKS, SIZE: QUANTITY:

ROOF FRAMED OPENINGS, SEE ROOF FRAMING PLAN FOR SIZES

RIDGE VENTS, 10'-0" LONG X 9" THROAT, QUANTITY:

THE SPANDREL CHANNEL, WHICH SUPPORTS THE TOP OF THE MASONRY WALL, MUST BE ATTACHED TO THE WALL AT 4'-0" O.C. (MAXIMUM). THE DESIGN OF THIS ATTACHMENT IS BY OTHERS. FIELD DRILLING OF THE CHANNEL FOR A BOLTED ATTACHMENT WILL BE REQUIRED.

REVISION NOTES:

1 THE BUILDING CODE CHANGED FROM "IBC 2010" TO "IBC 2007". THE WIND SPEED CHANGED FROM 145 MPH TO 110 MPH. COLUMNS ALONG LINE 1 AT E & G ARE NOW FLUSH.

YES NO

FASCIA, PROJECTION: 5'-10" TOP OF FASCIA HEIGHT: 20'-1"

FACE PANEL, TYPE: RC 26 GAGE, FINISH: Galvalume

BACK PANEL, TYPE: CW 26 GAGE, FINISH: Galvalume

CAP TRIM PAINTED: Galvalume BASE TRIM PAINTED: Galvalume

CLOSED SYSTEM, CLEAR UNDER SOFFIT TRIM: 10'-8"

SOFFIT PANEL, TYPE: RC 26 GAGE, FINISH: Polar White

SOFFIT TRIM AT BUILDING LINE PAINTED: Polar White

OPEN SYSTEM, (NO SOFFIT PANEL PROVIDED)

CLEAR UNDER FASCIA:

PARAPET SYSTEM

STRUCTURAL PARAPET

TOP OF PARAPET HEIGHT: 18'-1"

BACKER PANEL, TYPE: CW 26 GAGE, FINISH: Galvalume

CANOPY (EXPOSED BEAM), PROJECTION: 26 GAGE, FINISH: Galvalume

AT EAVE LINE BELOW EAVE

ROOF PANEL, TYPE: GAGE, FINISH: GALVALUME

SOFFIT PANEL, TYPE: GAGE, FINISH: GALVALUME

SOFFIT TRIM AT BUILDING LINE PAINTED: GALVALUME

CLEAR UNDER CANOPY BEAM: PROJECTION: GALVALUME

EAVE EXTENSION (CONCEALED BEAM), PROJECTION: GALVALUME

SOFFIT PANEL, TYPE: GAGE, FINISH: GALVALUME

SOFFIT TRIM AT BUILDING LINE PAINTED: GALVALUME

RAKE EXTENSION, PROJECTION: GAGE, FINISH: GALVALUME

SOFFIT PANEL, TYPE: GAGE, FINISH: GALVALUME

SOFFIT TRIM AT BUILDING LINE PAINTED: GALVALUME

PARTITION WALL SHEETING

PANEL TYPE: GAGE, FINISH: GALVALUME

PARTITION WALL TRIM COLOR: GALVALUME

NOTES:

- 1) COLLATERAL DEAD LOADS, UNLESS OTHERWISE NOTED, ARE ASSUMED TO BE UNIFORMLY DISTRIBUTED. WHEN SUSPENDED SPRINKLER SYSTEMS, LIGHTING, HVAC EQUIPMENT, CEILING, ETC., ARE SUSPENDED FROM ROOF MEMBERS, CONSULT THE M.B.S. FOR THESE CONCENTRATED LOADS EXCEED 200 POUNDS, OR IF INDIVIDUAL MEMBERS ARE LOADED CONCENTRICALLY MORE THAN OTHERS.
- 2) THE DESIGN OF STRUCTURAL MEMBERS SUPPORTING GRAVITY LOADS IS CONTROLLED BY THE MORE CRITICAL EFFECT OF ROOF LINE LOAD OR ROOF SNOW LOAD, AS DETERMINED BY THE APPLICABLE CODE.

BUILDING

ROOF DEAD (PSF): 3.00

PR. COL (PSF): 3

SEC. COL (PSF): 3

SNOW CR: ---

SNOW CS: ---

ROOF SNOW (PSF): ---

WIND ENCLOSURE: Closed

GOLF: 4-0.18

SEISMIC R: ---

SEISMIC CS: ---

BASE SHEAR (KIPS): 0.00

DESIGN CODE: FBC 07

ROOF LIVE LOAD: 20.00 PSF MBMA OCC. CLASS: I

LIVE LOAD REDUCIBLE Yea

GROUND SNOW LOAD: --- PSF SNOW EXP. FACTOR, Ce: ---

SNOW IMPORTANCE FACTOR, Is: ---

WIND IMPORTANCE FACTOR, Iw: 1.00

WIND EXPOSURE: B

UL 90 Yea

Cascade Roof-Cont. No. 181; Cascade Roof w/ Translucent Panel-Cont. No. 167

CFR Roof-Cont. No. 552; CFR Roof w/ Translucent Panel-Cont. No. 506;

Composite CFR Roof-Cont. No. 524; VR18 II Roof-Cont. No. 322.

SEISMIC INFORMATION: Se: --- S1: ---

Design Sds/Sdt: --- / --- Site Class: ---

Seismic Imp. Factor: --- Seismic Design Category: ---

Analysis Procedure: Equivalent Lateral Force Method

Basic SEIS: ---

ISSUE	DWN	CHK	ENG	P.E.	DATE
Construction Anchor Bolts	MBS	MAR	RSP	CDN	04/10/12
Revised Anchor Bolts	MBS	VMS	RSP		04/16/12
Permits	MBS	VMS	RSP		04/16/12



ACCREDITED
AC472
BUILDING LOADS

ERECTION MANUALS REQUIRED

(SECTION MANUALS ARE SHIPPED WITH THE BUILDING IN A WAREHOUSE PACKING CRATE)

CFR ROOF: H8600 OR H8250 SINGLE CURB (H8850)

CLASSIC ROOF: H8420 OR H8201 DOUBLE CURB (H8600)

WALL SHEETING: H8430 OR H8300 V16 II (H8925)

DRAWING INDEX

COVERSHEET: C1

ANCHOR BOLT DRAWINGS: FL F2

COLUMN BASE REINFORCEMENTS: R1

STRUCTURAL/SHEETING DRAWINGS: E1 - E7

DETAILS: D1 - D8

Corey D. Norris, P.E.

200 Whetstone Road

Swansea, S.C. 29160

Florida P.E. No. 56475

PROJECT NAME: FORT WHITE FD

FORT WHITE, FL 32038

CUSTOMER: PIONEER CONSTRUCTION SERVICE INC.

ORLANDO, FL 32835

JOB NUMBER: S12J0199A

SHEET NO: C1 of 1

THIS SEAL REFERS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY NUCOR BUILDING SYSTEMS, A DIVISION OF NUCOR CORPORATION. IT DOES NOT REPRESENT THE BUILDING SYSTEMS OR THE REGISTERED SEAL, APPEARING ON THESE DRAWINGS, IS EMPLOYED BY NUCOR BUILDING SYSTEMS AND DOES NOT SERVE AS EVIDENCE OF ORIGIN OR AUTHORITY.

ANCHOR BOLT PLAN

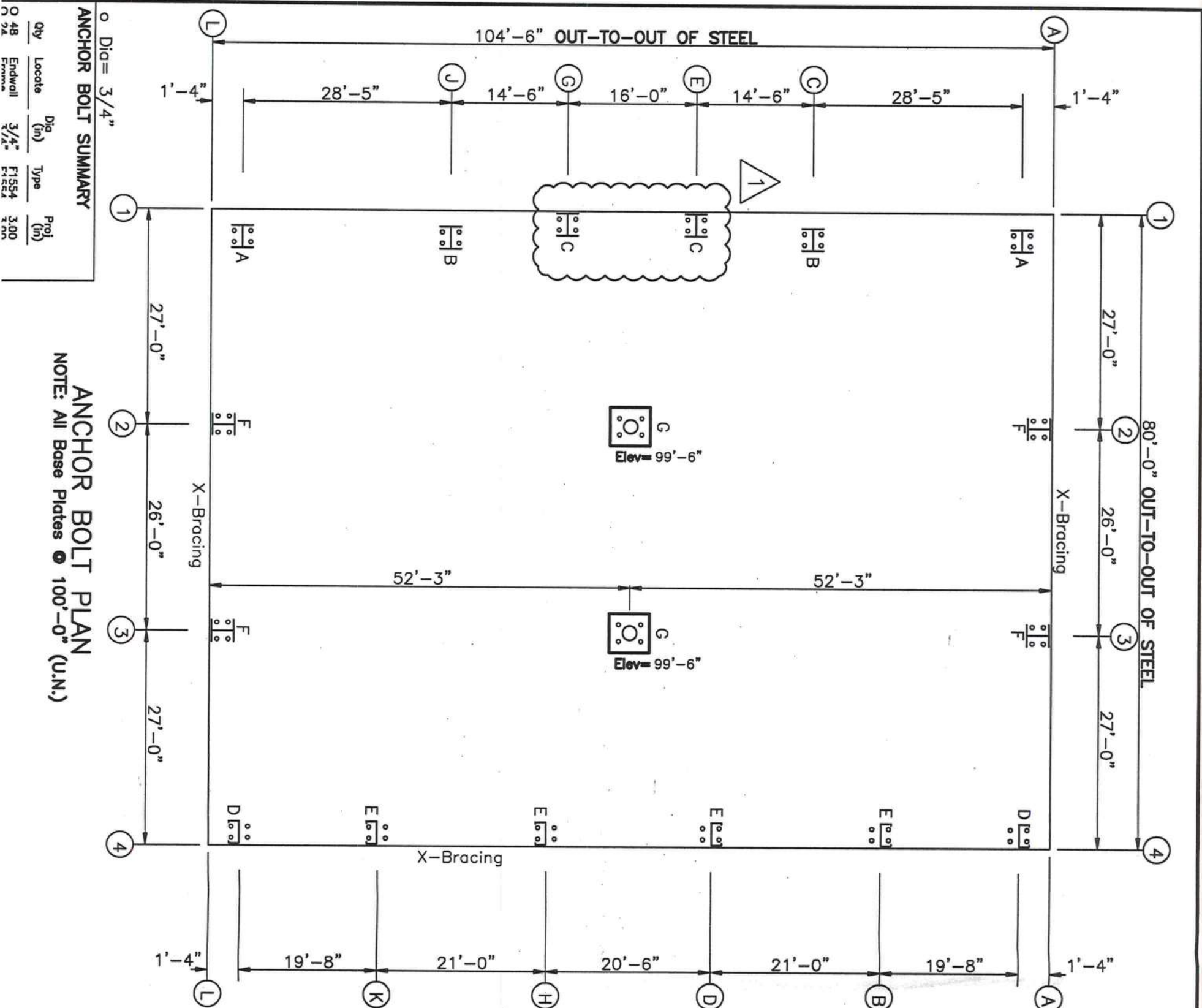
GENERAL NOTES

1. THE SPECIFIED ANCHOR ROD DIAMETER ASSUMES F1554 GRADE 36 UNLESS NOTED OTHERWISE. ANCHOR ROD MATERIAL OF EQUAL DIAMETER MEETING OR EXCEEDING THE STRENGTH REQUIREMENTS SET FORTH ON THESE DRAWINGS MAY BE UTILIZED AT THE DISCRETION OF THE FOUNDATION DESIGN ENGINEER. ANCHOR ROD EMBEDMENT LENGTH SHALL BE DETERMINED BY THE FOUNDATION DESIGN ENGINEER.
2. METAL BUILDING MANUFACTURER IS NOT RESPONSIBLE FOR PROJECT FOUNDATION DESIGN. THE FOUNDATION DESIGN IS THE RESPONSIBILITY OF A REGISTERED PROFESSIONAL ENGINEER, FAMILIAR WITH LOCAL SITE CONDITIONS.
3. ALL ANCHOR RODS, FLAT WASHERS FOR ANCHOR RODS, EXPANSION BOLTS, AS WELL AS ALL CONCRETE/MASONRY EMBEDMENT PLATES ARE NOT BY METAL BUILDING MANUFACTURER.
4. THIS DRAWING IS NOT TO SCALE.
5. FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE.
6. "SINGLE" CEE COLUMNS SHALL BE ORIENTED WITH THE "TOES" TOWARD THE LOW EAVE UNLESS NOTED OTHERWISE.
7. ANCHOR RODS ARE REQUIRED ONLY IN THE QUANTITIES SPECIFIED. BASEPLATES MAY BE FABRICATED WITH MORE HOLES THAN NEEDED FOR THIS PROJECT.
8. THE ANCHOR BOLT LOCATIONS PROVIDED BY METAL BUILDING MANUFACTURER SATISFY PERTINENT REQUIREMENTS FOR THE DESIGN OF THE MATERIALS SUPPLIED BY THE METAL BUILDING MANUFACTURER. PLEASE NOTE THAT THESE REQUIREMENTS MAY NOT SATISFY ALL ANCHOR BOLT CONCRETE EDGE DISTANCE REQUIREMENTS DEPENDING ON THE DETAILS OF THE FOUNDATION DESIGN. BECAUSE FOUNDATION DESIGN IS NOT WITHIN THE METAL BUILDING MANUFACTURER'S SCOPE OF WORK, IT IS THE RESPONSIBILITY OF THE QUALIFIED PROFESSIONAL DESIGNING THE FOUNDATION TO MAKE CERTAIN THAT SUFFICIENT CONCRETE EDGE DISTANCE IS PROVIDED FOR THE ANCHOR BOLTS IN THE DETAILS OF THE FOUNDATION DESIGN.

FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.

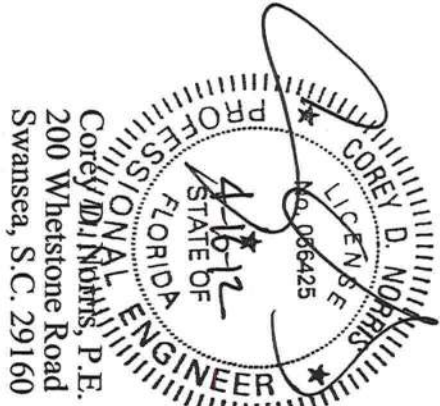
APR 16 2012

YOUR BUILDING IS BEING FABRICATED.



ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
48	Endwall	3/4"	F1554	3.00
24	Frame	3/4"	F1554	2.00

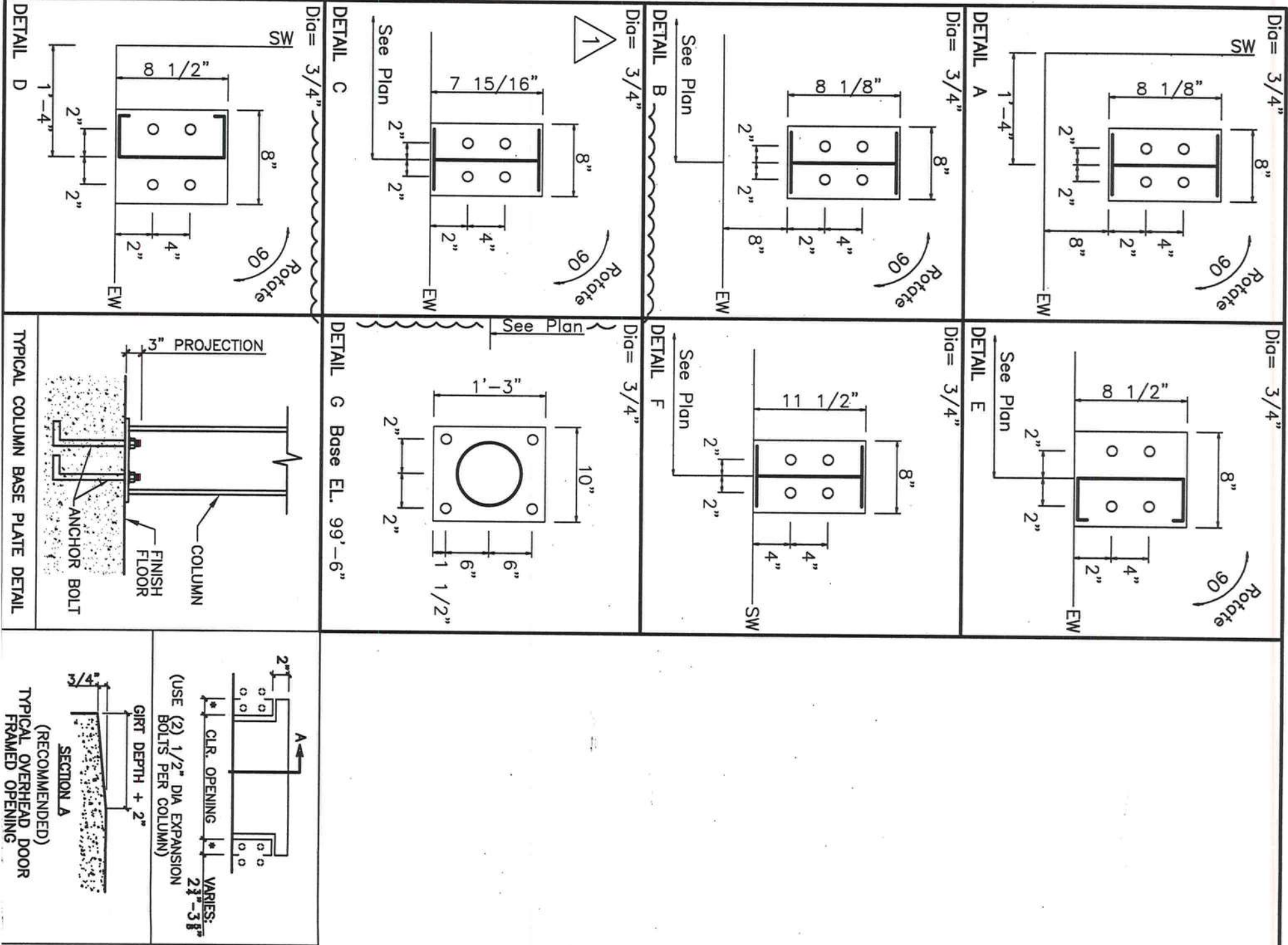


Corey D. Nobbs, P.E.
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THIS SEAL REMAINS VALID TO THE MATERIALS DESIGNED AND SUPPLIED BY NUCOR BUILDING SYSTEMS. A NUCOR BUILDING SYSTEMS PRODUCT. THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT ARE THE PROPERTY OF NUCOR. ANY REUSE OR REPRODUCTION OF THESE DRAWINGS OR THE METAL BUILDING WHICH THEY REPRESENT IS PROHIBITED. ANY REUSE OR REPRODUCTION OF THESE DRAWINGS OR THE METAL BUILDING WHICH THEY REPRESENT IS PROHIBITED. ANY REUSE OR REPRODUCTION OF THESE DRAWINGS OR THE METAL BUILDING WHICH THEY REPRESENT IS PROHIBITED.	PROJECT NAME: FORT WHITE FD		CUSTOMER: PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835		JOB NUMBER: S12J0199A		SHEET NO: F1 of 2	
	FORT WHITE, FL 32038							

ISSUE						OWN	CHK	ENG	P.E.	DATE
Construction Anchor Bolts						MBS	MAR	RSP	CDN	04/10/12
Revised Anchor Bolts						MBS	VMS	RSP		04/16/12
Permits						MBS	VMS	RSP		04/16/12

NUCOR
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PHONE: (803) 588-2100 FAX: (803) 588-2121
800 APACHE TRAIL, TERRELL, TX 75180
PHONE: (972) 524-5407 FAX: (972) 524-5417
1050 WATERY LANE, BRIGHAM CITY, UT 84302
PHONE: (435) 919-3100 FAX: (435) 919-3101



FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.
APR 16 2012
YOUR BUILDING IS BEING FABRICATED.

FOUNDATION DESIGN NOTE:
THE ORIENTATION OF THE ANCHOR BOLT DETAILS SHOWN ON THIS PAGE MAY NOT COINCIDE WITH THE ACTUAL COLUMN ORIENTATION SHOWN ON PAGE F1. PLEASE REFERENCE THE SIDEWALL (SW) AND ENDWALL (EW) STEEL LINES SHOWN ON THE ANCHOR BOLT DETAILS WITH THE ANCHOR BOLT PLAN ON PAGE F1 DURING LAYOUT OF COLUMN AND ANCHOR BOLT LOCATIONS.

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PROJECT NAME:
FORT WHITE FD

CUSTOMER:
PIONEER CONSTRUCTION SERVICE INC.
ORLANDO, FL 32835

JOB NUMBER:
S12U0199A

SHEET NO.:
F2 of 2

ISSUE
Construction Anchor Bolts
Revised Anchor Bolts
Permits

DWN
MBS
MBS
MBS

CHK
MAR
VMS
VMS

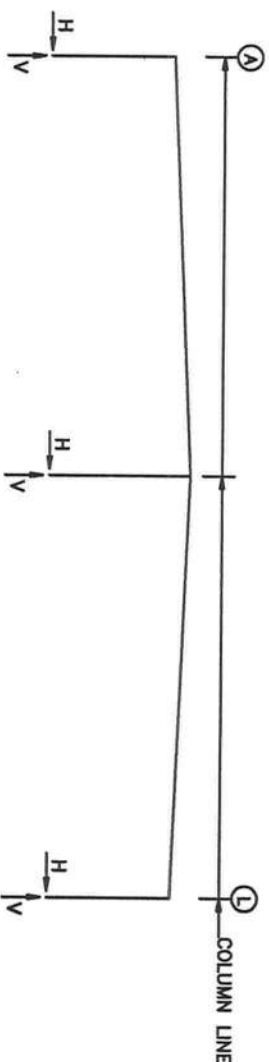
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RSP
RSP

P.E.
CDN

DATE
04/10/12
04/16/12
04/16/12

PROFESSIONAL ENGINEER
COREY D. NORRIS
No. 056425
4-16-12
STATE OF FLORIDA

Corey D. Norris, P.E.
200 Whetstone Road
Swansea, S.C. 29160



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frame Line	Col Line	Anchor Bolt Qty	Base Plate Width (in)	Base Plate Length (in)	Base Plate Thickness (in)	Elev. (in)
2	A	4	0.750	8.000	11.50	0.375
2	L	4	0.750	8.000	11.50	0.375
2	552.3	4	0.750	10.00	15.00	0.500

2 * Frame lines: 2 3

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frame Line	Col Line	Anchor Bolt Qty	Base Plate Width (in)	Base Plate Length (in)	Base Plate Thickness (in)	Elev. (in)
1	A	4	0.750	8.000	8.130	0.380
1	C	4	0.750	8.000	8.130	0.380
1	E	4	0.750	8.000	7.938	0.375
1	G	4	0.750	8.000	7.938	0.375
1	J	4	0.750	8.000	8.130	0.380
1	L	4	0.750	8.000	8.130	0.380
4	L	4	0.750	8.000	8.500	0.380
4	K	4	0.750	8.000	8.500	0.380
4	H	4	0.750	8.000	8.500	0.380
4	D	4	0.750	8.000	8.500	0.380
4	B	4	0.750	8.000	8.500	0.380
4	A	4	0.750	8.000	8.500	0.380

GENERAL NOTES

1. ALL LOADING CONDITIONS ARE EXAMINED AND ONLY MAXIMUM/MINIMUM H OR V AND THE CORRESPONDING H OR V ARE REPORTED.
2. REACTIONS ARE PROVIDED BY LOAD CASE IN ORDER TO AID THE FOUNDATION ENGINEER IN DETERMINING THE APPROPRIATE LOAD FACTORS AND COMBINATION TO BE USED WITH EITHER WORKING STRESS OR ULTIMATE STRENGTH DESIGN METHODS. WIND LOAD CASES ARE GIVEN FOR EACH PRIMARY WIND DIRECTION.
3. POSITIVE REACTIONS ARE AS SHOWN IN THE SKETCH. FOUNDATION LOADS ARE IN OPPOSITE DIRECTIONS.
4. BRACING REACTIONS ARE IN THE PLANE OF THE BRACE WITH THE H POINTING AWAY FROM THE BRACED BAY. THE VERTICAL REACTION IS DOWNWARD.

***** RIGID FRAME LOAD CASE ABBREVIATIONS: *****
Wind L1/Wind R1: LATERAL WIND FROM THE LEFT/RIGHT, CASE 1
Wind L2/Wind R2: LATERAL WIND FROM THE LEFT/RIGHT, CASE 2
Wind L1/Wind L2: LONGITUDINAL WIND, CASE 1/2
Seismic L/Seismic R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT
LWIND L1/LWIND R1: LONGITUDINAL WIND FROM LEFT/RIGHT
FUND L1/FUND R1: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT
FUND L2/FUND R2: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS

***** ENDWALL COLUMN LOAD CASE ABBREVIATIONS: *****
Collet: COLLATERAL LOAD
Rafter Wind L/Rafter Wind R: LATERAL WIND FROM THE LEFT/RIGHT
Brace Wind L/Brace Wind R: LATERAL WIND FROM THE LEFT/RIGHT
Wind P/Wind S: LONGITUDINAL WIND PRESSURE/SUCTION ON COLUMNS
Wind L1: LONGITUDINAL WIND SUCTION ON ROOF
Seis L/Seis R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT
EUND L1/EUND R1: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT
EUND L2/EUND R2: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS
EPAT L1/EPAT R1: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead	Collateral	Live	Wind L1	Wind R1	Wind L2	Wind R2
2	A	0.7	2.5	0.6	1.8	2.2	7.1	5.5
2	L	0.7	2.5	0.6	1.8	2.2	7.1	5.5
2	552.3	0.0	6.7	0.0	5.2	0.0	20.6	0.0
2	A	1.6	-1.1	-1.1	-9.8	-0.9	-5.7	-0.1
2	L	5.3	-6.3	-1.1	-9.8	0.9	-5.7	-0.1
2	552.3	0.0	-8.9	0.0	-27.0	0.0	-15.9	0.0
2	A	-0.2	0.0	-0.1	-2.1	-0.2	0.0	0.1
2	L	0.1	-2.1	0.0	-0.3	0.0	-2.1	-0.3
2	552.3	0.0	-0.3	0.0	-0.3	0.0	-0.3	0.0
2	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	L	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	552.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead	Collateral	Live	Rafter Wind L	Rafter Wind R	Brace Wind L	Brace Wind R	Wind P	Wind S	LWIND1	LWIND2
1	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1	E	-0.7	2.9	-0.1	0.7	-0.3	4.8	-2.0	-1.3	-1.0	-1.0	-1.0
1	G	-0.7	2.9	-0.1	0.7	-0.3	4.8	-2.0	-1.3	-1.0	-1.0	-1.0
1	J	0.0	1.0	0.0	0.6	0.0	10.3	-5.2	-9.0	-4.1	-1.5	-1.5
1	L	-1.8	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	0.0	-0.9	-0.9
1	A	-1.8	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	0.0	-0.9	-0.9
1	C	-1.8	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	0.0	-0.9	-0.9
1	E	-1.4	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1
1	G	-1.4	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	-0.1	-0.1
1	J	-1.8	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	0.0	-0.9	-0.9
1	L	-1.8	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	0.0	-0.9	-0.9

Frame Line	Column Line	Dead	Collateral	Live	Rafter Wind L	Rafter Wind R	Brace Wind L	Brace Wind R	Wind P	Wind S	LWIND1	LWIND2
4	L	0.6	1.0	0.4	2.5	-2.7	-1.6	-2.7	-1.3	1.5	-2.1	-2.1
4	K	1.3	1.2	0.9	5.4	-4.3	-3.4	-4.3	-2.7	3.0	-4.7	-4.7
4	H	1.2	0.9	5.4	-4.3	-3.4	-4.3	-2.7	3.0	2.8	-4.7	-4.7
4	D	1.3	1.0	6.2	-4.1	-3.4	-4.1	-3.4	-2.7	3.0	-4.7	-4.7
4	A	0.6	0.4	2.5	-1.6	-2.7	-1.6	-2.7	-1.3	1.5	-2.1	-2.1
4	L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	K	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	H	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	D	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

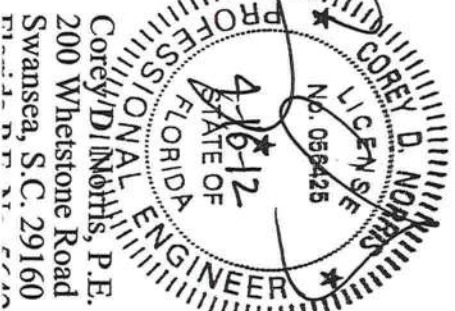
BUILDING BRACING REACTIONS

Well	Col	± Reactions (k)	Panel Shear (lb/ft)
Loc	Line	Wind	Seismic
LW	1	Brocing In Roof To Rigid Frame	0.0
SW	2	9.5	4.7
RW	4	1.9	1.3
SW	A	3.2	4.7

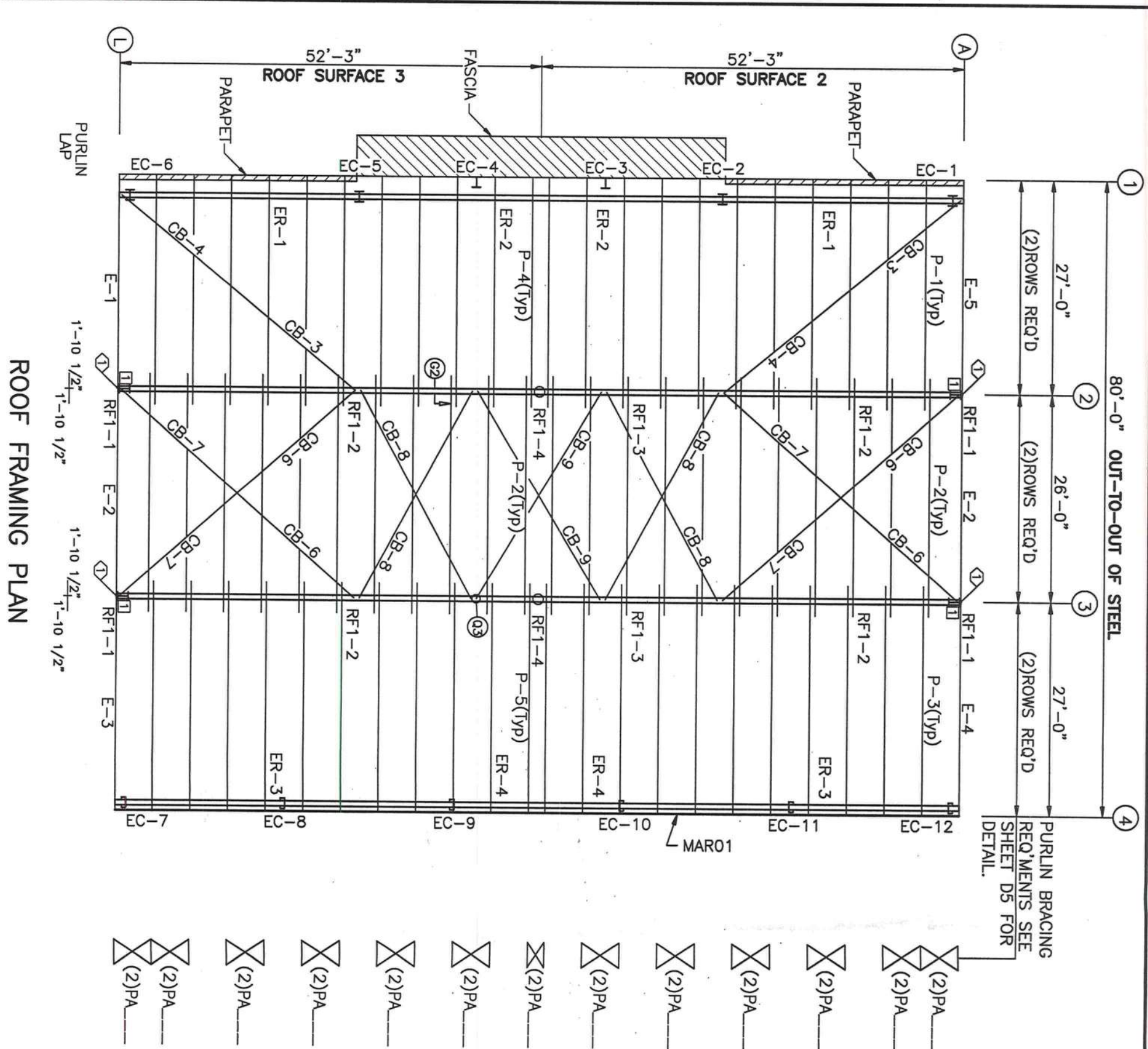
FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET

APR 16 2012

YOUR BUILDING IS BEING FABRICATED.



PROJECT NAME: FORT WHITE FD FORT WHITE, FL 32038 CUSTOMER: PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835	JOB NUMBER: S12J0199A SHEET NO: R1 of 1	NUCOR BUILDING SYSTEMS 305 INDUSTRIAL PARKWAY, WATERLOO, IN 46783 PHONE: (260) 837-7891 FAX: (260) 837-7384 PO BOX 1006, 200 WHETSTONE RD, SWANSEA, SC 29160 PHONE: (803) 568-2100 FAX: (803) 568-2121 600 APACHE TRAIL, TERRELL, TX 75160 PHONE: (972) 524-5407 FAX: (972) 524-5417 1050 WATERY LANE, BRIGHAM CITY, UT 84302 PHONE: (435) 819-3100 FAX: (435) 819-3101	ISSUE Construction Anchor Bolts Revised Anchor Bolts Permits	DWN MBS MBS MBS	CHK MAR VMS VMS	ENG RSP RSP RSP	P.E. CON	DATE 04/10/12 04/16/12 04/16/12
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SPECIAL BOLTS
ROOF PLAN

ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A325	1/2"	2"	1

MEMBER TABLE
ROOF PLAN

MARK	PART	LENGTH
P-1	102075	346.250
P-2	102067	357.000
P-3	102089	346.250
P-4	102075	346.250
P-5	102089	346.250
E-1	10E060	323.500
E-2	10E060	311.500
E-3	10E060	323.500
E-4	10E060	323.500
E-5	10E060	323.500
CB-6	RDC-	30.000
CB-7	RDC-	432.000
CB-8	RDB-	356.000
CB-9	RDB-	364.000
CB-3	RDB-	27.000
CB-4	RDB-	432.000

CONNECTION PLATES
ROOF PLAN

ID	MARK/PART
1	ESC05

GENERAL NOTES

1. PLACE TAGGED END OF RAFTERS TOWARDS THE LOW EAVE.
2. STD. ROD/CABLE SIZES PER PART PREFIX ARE:
ROD
RDB- = 5/8" ROD
RDC- = 3/4" ROD
RDD- = 7/8" ROD
RDE- = 1" ROD
RDF- = 1 1/8" ROD
RDG- = 1 1/4" ROD
CABLE
CAA- = 1/4" CABLE
CAB- = 3/8" CABLE
CAC- = 1/2" CABLE
3. PURLIN AND EAVE STRUT CONNECTIONS UTILIZE BOTH A307 AND A325 BOLTS. REFER TO THE DETAILS FOR SPECIFIC USAGE REQUIREMENTS.
4. THIS DRAWING IS NOT TO SCALE.

ROOF FRAMING PLAN

FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.
APR 16 2012

YOUR BUILDING IS BEING FABRICATED.

COREY D. NORRIS
LICENSED PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 086425
4-16-12

COREY D. NORRIS, P.E.
200 Whetstone Road
Swansea, S.C. 29160

NUCOR BUILDING SYSTEMS
305 INDUSTRIAL PARKWAY, WATERLOO, IN 46793
PHONE: (260) 837-7891 FAX: (260) 837-7384
PO BOX 1008, 200 WHETSTONE RD, SWANSEA, SC 29160
PHONE: (803) 568-2100 FAX: (803) 568-2121
800 APACHE TRAIL, TERRELL, TX 75160
PHONE: (972) 524-5407 FAX: (972) 524-5417
1050 WATERY LANE, BRIGHAM CITY, UT 84302
PHONE: (435) 819-3100 FAX: (435) 819-3101

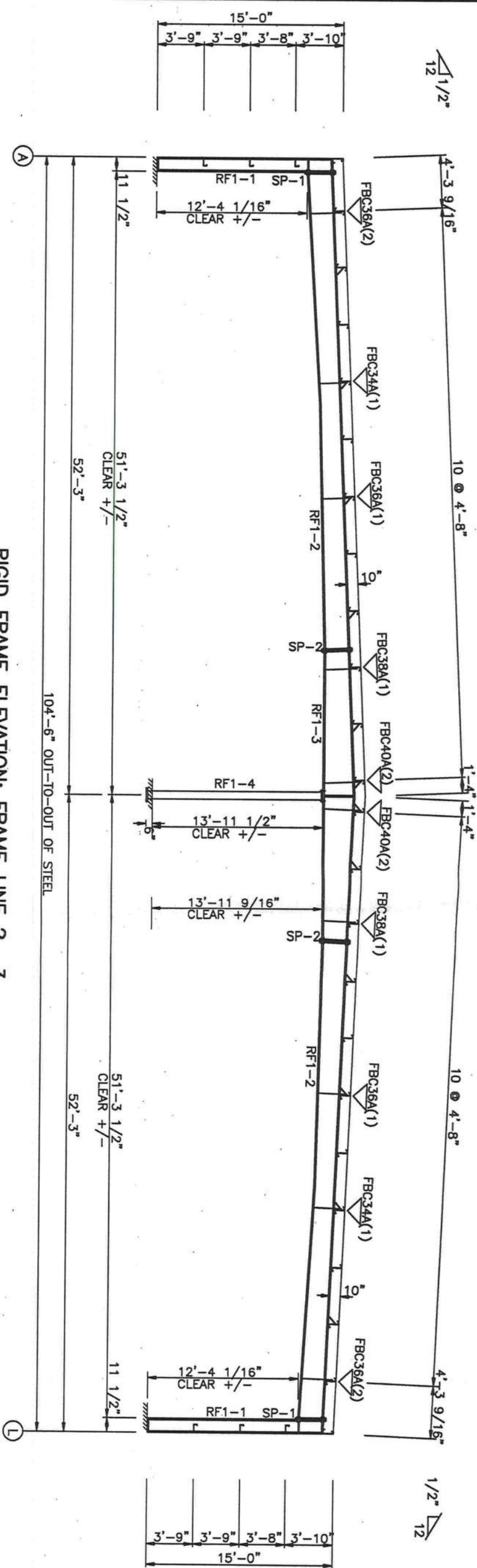
PROJECT NAME:
FORT WHITE FD
FORT WHITE, FL 32038
CUSTOMER:
PIONEER CONSTRUCTION SERVICE INC.
ORLANDO, FL 32835

JOB NUMBER:
S12J0199A
SHEET NO.:
E1

THIS SEAL PERTAINS ONLY TO THE DRAWINGS DESIGNED AND SUPPLIED BY NUCOR BUILDING SYSTEMS. IT DOES NOT REPRESENT THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL APPEARS ON THESE DRAWINGS. NUCOR BUILDING SYSTEMS DOES NOT SERVE AS A REPRESENTATIVE OF THE PROJECT.

SPLICE PLATE & BOLT TABLE							CAP PLATE BOLTS			
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	4	0	A325	0.625	2.25	6"	3/8"	2'-4 1/4"
SP-2	4	4	4	0	A325	0.625	2.25	6"	1/2"	2'-4 1/4"

MEMBER TABLE							CAP PLATE BOLTS			
Mark	Web	Depth	Web	Plate	Outside Flange	Inside Flange	Mark	Qty	Type	Dia
RF1-1	10.9	10.9	0.150	169.8	5 x 1/4" x 169.4	5 x 3/8" x 144.7	RF1-4	4	A325	1.000
RF1-2	22.0	18.0	0.150	230.9	6 x 5/16" x 470.0	6 x 3/16" x 230.9				
RF1-3	18.0	22.0	0.150	240.0	6 x 1/4" x 144.7	6 x 1/4" x 144.7				
RF1-4	22.0	28.0	0.188	289.1	6 x 1/4" x 144.7	6 x 3/8" x 287.2				



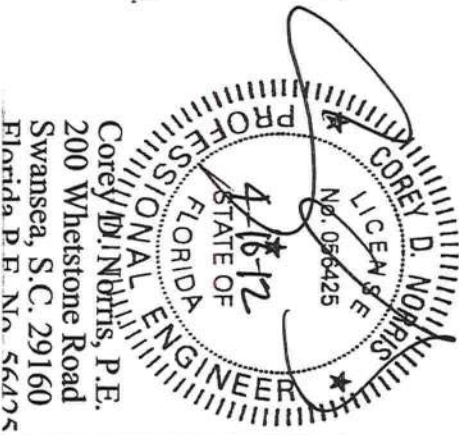
RIGID FRAME ELEVATION: FRAME LINE 2 3

- GENERAL NOTES
- INDICATES FLANGE BRACING LOCATIONS. (1) = ONE SIDE; (2) = TWO SIDES.
 - IF FLANGE BRACING IS REQUIRED ON BOTH SIDES OF AN EXPANDABLE RIGID FRAME, THE OPPOSITE SIDE FLANGE BRACES WILL HAVE TO BE INSTALLED AT THE TIME OF FUTURE EXPANSION. THESE FLANGE BRACES HAVE BEEN PROVIDED, AS REQUIRED, FOR THIS FUTURE CONDITION.
 - RIGID FRAMES SHALL HAVE 50% OF THEIR BOLTS INSTALLED AND TIGHTENED ON BOTH SIDES OF THE WEB ADJACENT TO EACH FLANGE BEFORE THE HOISTING EQUIPMENT IS RELEASED.

FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.

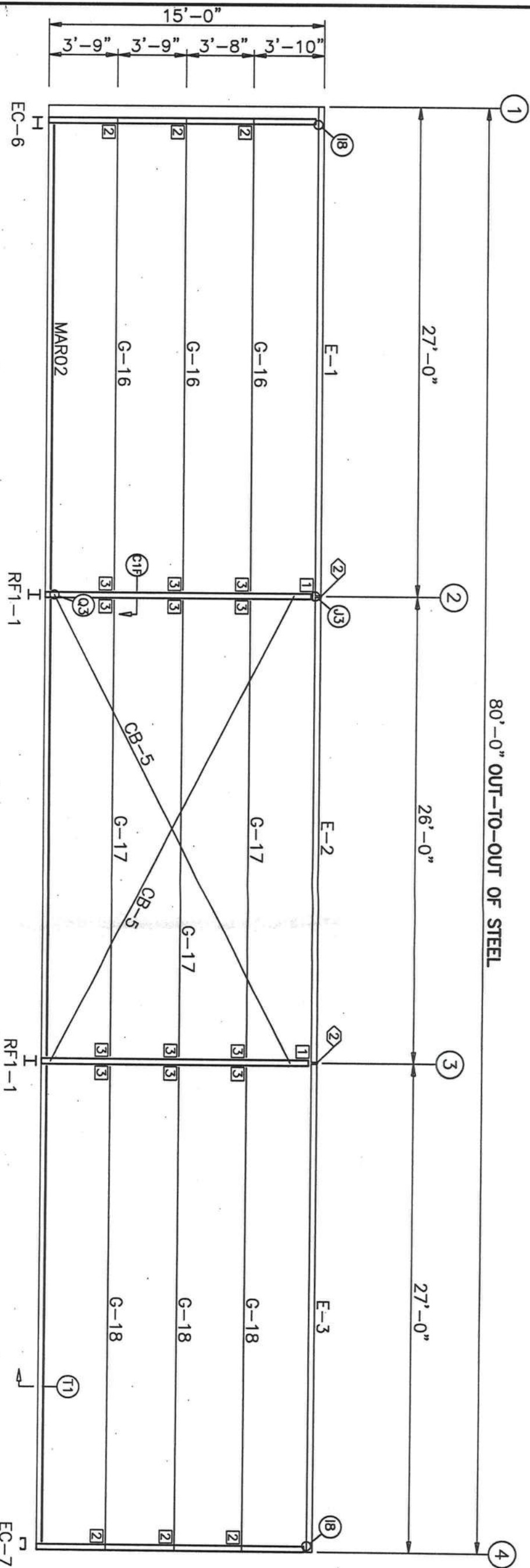
APR 16 2012

YOUR BUILDING IS BEING FABRICATED.



Corey D. Norriss, P.E.
200 Whetstone Road
Swansea, S.C. 29160
Florida P.E. No. 56475

PROJECT NAME: FORT WHITE FD		JOB NUMBER: S12J0199A		SHEET NO.: E2	
CUSTOMER: PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835		NUCOR BUILDING SYSTEMS 305 INDUSTRIAL PARKWAY, WATERLOO, IN 46783 PHONE: (260) 837-7881 FAX: (260) 837-7384 PO BOX 1008, 200 WHETSTONE RD, SWANSEA, SC 29160 PHONE: (803) 568-2100 FAX: (803) 568-2121 800 APACHE TRAIL, TERRELL, TX 75180 PHONE: (972) 524-5407 FAX: (972) 524-5417 1050 WATERY LANE, BRIGHAM CITY, UT 84302 PHONE: (435) 919-3100 FAX: (435) 919-3101		ISSUE Construction Anchor Bolts Revised Anchor Bolts Permits	
				DATE 04/10/12 04/16/12 04/16/12	



SIDEWALL FRAMING: FRAME LINE L

GENERAL NOTES

1. STD. ROD/CABLE SIZES PER PART PREFIX ARE:
- | ROD | CABLE |
|-------------------|-------------------|
| RDB- = 5/8" ROD | CAA- = 1/4" CABLE |
| RDC- = 3/4" ROD | CAB- = 3/8" CABLE |
| RDD- = 7/8" ROD | CAC- = 1/2" CABLE |
| RDE- = 1" ROD | |
| RDF- = 1 1/8" ROD | |
| RDG- = 1 1/4" ROD | |
2. ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
3. FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
4. THIS DRAWING IS NOT TO SCALE.

MEMBER TABLE		
FRAME LINE L		
MARK	PART	LENGTH
E-1	10E060	323.500
E-2	10E060	311.500
E-3	10E060	323.500
G-16	08Z099	317.250
G-17	08Z089	299.000
G-18	08Z099	317.250
CB-5	RDC-	357.000

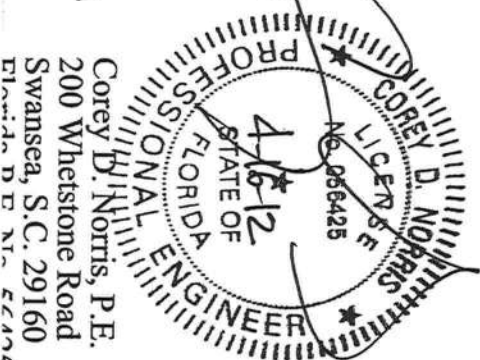
CONNECTION PLATES		
FRAME LINE L		
□ ID	MARK/PART	
1	ESC05	
2	CCC03	
3	GFI01	

○ ID	QUAN	TYPE	DIA	LENGTH	WASH
2	4	A325	1/2"	2"	1

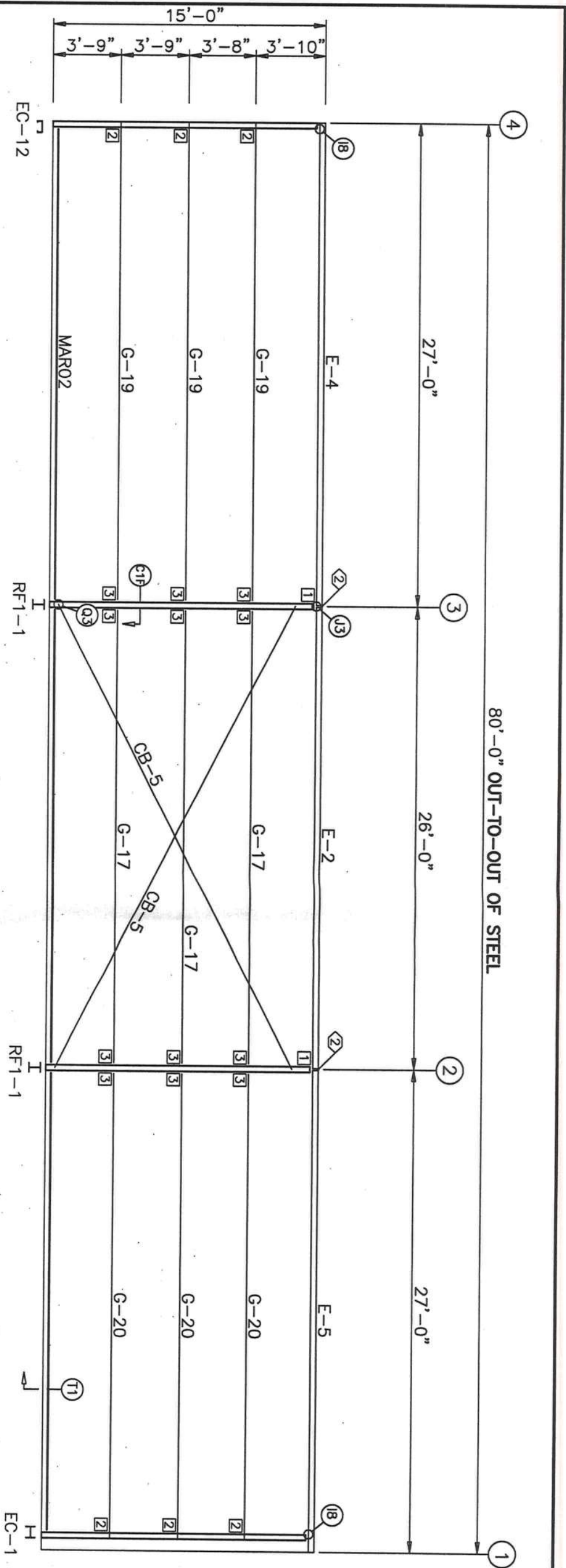
FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.

APR 16 2012

YOUR BUILDING IS BEING FABRICATED.



PROJECT NAME: FORT WHITE FD FORT WHITE, FL 32038 CUSTOMER: PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835	JOB NUMBER: S12J0199A SHEET NO: E3	NUCOR BUILDING SYSTEMS 305 INDUSTRIAL PARKWAY, WATERLOO, IN 46783 PHONE: (280) 837-7881 FAX: (280) 837-7384 PO BOX 1006, 200 WHETSTONE RD, SWANSEA, SC 29180 PHONE: (803) 568-2100 FAX: (803) 568-2121 600 APACHE TRAIL, TERRELL, TX 75180 PHONE: (972) 524-5407 FAX: (972) 524-5417 1080 WATERY LANE, BRIGHAM CITY, UT 84302 PHONE: (435) 919-3100 FAX: (435) 919-3101	ISSUE					DATE	
			Construction Anchor Bolts	MBS	MAR	RSP	CDN	04/10/12	
			Revised Anchor Bolts	MBS	VMS	RSP		04/16/12	
			Permits	MBS	VMS	RSP		04/16/12	



SIDEWALL FRAMING: FRAME LINE A

GENERAL NOTES

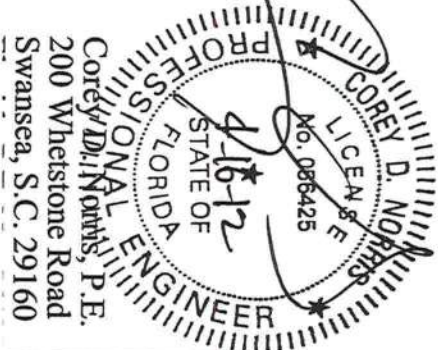
1. STD. ROD/CABLE SIZES PER PART PREFIX ARE:
ROD
RDB- = 5/8" ROD
RDC- = 3/4" ROD
RDD- = 7/8" ROD
RDE- = 1" ROD
RDF- = 1 1/8" ROD
RDG- = 1 1/4" ROD
CABLE
CAA- = 1/4" CABLE
CAB- = 3/8" CABLE
CAC- = 1/2" CABLE
2. ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
3. FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
4. THIS DRAWING IS NOT TO SCALE.

MEMBER TABLE		
FRAME LINE A		
MARK	PART	LENGTH
E-2	10E060	311.500
E-4	10E060	323.500
E-5	10E060	323.500
G-17	08Z089	299.000
G-19	08Z099	317.250
G-20	08Z099	317.250
CB-5	RDC-	357.000

CONNECTION PLATES		
FRAME LINE A		
□ ID	MARK/PART	
1	ESC05	
2	GCC03	
3	CEIN1	

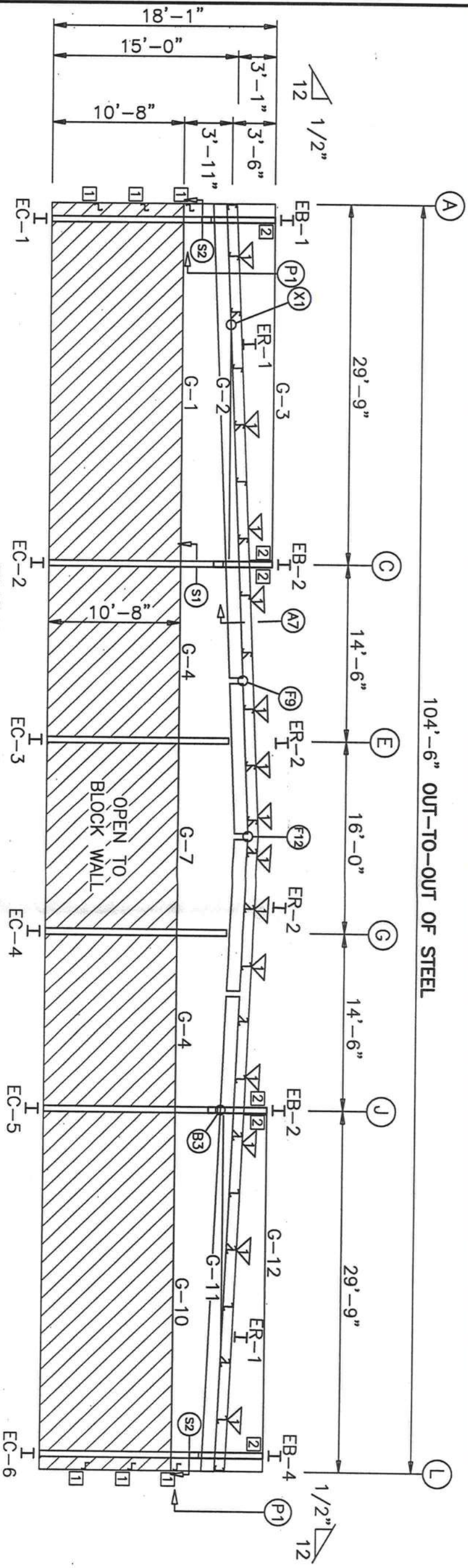
○ ID	QUAN	TYPE	DIA	LENGTH	WASH
2	4	A325	1 1/2"	9"	1

FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.
APR 16 2012



YOUR BUILDING IS BEING FABRICATED.

PROJECT NAME: FORT WHITE FD		FORT WHITE, FL 32038		CUSTOMER: PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835		
JOB NUMBER: S12J0199A		SHEET NO: E4		NUCOR BUILDING SYSTEMS 305 INDUSTRIAL PARKWAY, WATERLOO, IN 46783 PHONE: (260) 837-7881 FAX: (260) 837-7384 PO BOX 1006, 200 WHETSTONE RD, SWANSEA, SC 29160 PHONE: (803) 568-2100 FAX: (803) 568-2121 800 APACHE TRAIL, TERRELL, TX 75160 PHONE: (972) 524-5407 FAX: (972) 524-5417 1050 WATERY LANE, BRIGHAM CITY, UT 84302 PHONE: (435) 919-3100 FAX: (435) 919-3101		
ISSUE		DWN	CHK	ENG	P.E.	DATE
Construction Anchor Bolts		MBS	MAR	RSP	CDN	04/10/12
Revised Anchor Bolts		MBS	VMS	RSP		04/16/12
Permits		MBS	VMS	RSP		04/16/12



ENDWALL FRAMING: FRAME LINE 1

GENERAL NOTES

1. STD. ROD/CABLE SIZES PER PART PREFIX ARE:
ROD
RDB- = 5/8" ROD
RDC- = 3/4" ROD
RDD- = 7/8" ROD
RDE- = 1" ROD
RDF- = 1 1/8" ROD
RDG- = 1 1/4" ROD
CABLE
CAA- = 1/4" CABLE
CAB- = 3/8" CABLE
CAC- = 1/2" CABLE
2. ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
3. FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
4. THIS DRAWING IS NOT TO SCALE.

MEMBER TABLE		
FRAME LINE 1		
MARK	PART	LENGTH
EB-1	W8x24	74.862
EB-2	W8x24	60.653
EB-4	W8x24	74.862
EC-1	W8x18	160.759
EC-2	W8x18	174.967
EC-3	W8x24	182.243
EC-4	W8x24	182.243
EC-5	W8x18	174.967
EC-6	W8x18	160.759
ER-1	W1015625	471.627
ER-2	W1015625	155.667
G-1	C8x11.5	347.750
G-2	08Z105	328.250
G-3	08Z105	372.500
G-4	C8x11.5	172.500
G-7	C8x11.5	190.500
G-10	C8x11.5	347.750
G-11	08Z105	328.250
G-12	08Z105	372.500

CONNECTION PLATES		
FRAME LINE 1		
MARK	PART	LENGTH
EB-1	W8x24	74.862
EB-2	W8x24	60.653
EB-4	W8x24	74.862
EC-1	W8x18	160.759
EC-2	W8x18	174.967
EC-3	W8x24	182.243
EC-4	W8x24	182.243
EC-5	W8x18	174.967
EC-6	W8x18	160.759
ER-1	W1015625	471.627
ER-2	W1015625	155.667
G-1	C8x11.5	347.750
G-2	08Z105	328.250
G-3	08Z105	372.500
G-4	C8x11.5	172.500
G-7	C8x11.5	190.500
G-10	C8x11.5	347.750
G-11	08Z105	328.250
G-12	08Z105	372.500

FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET

APR 16 2012

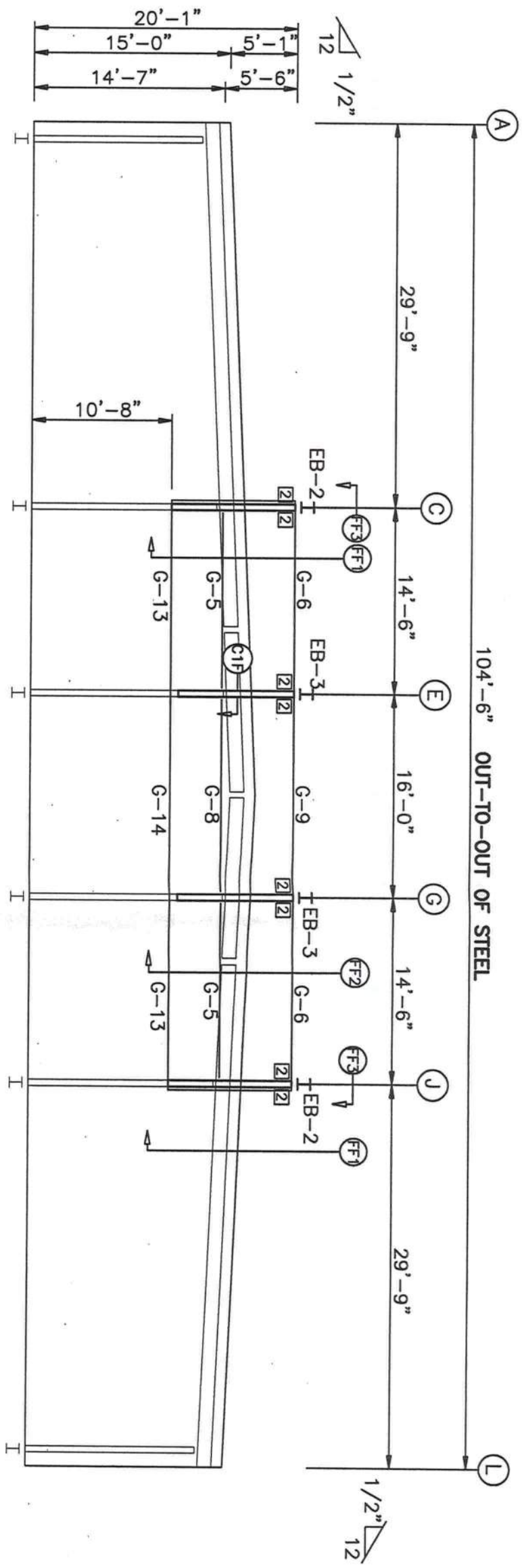
YOUR BUILDING IS BEING FABRICATED.

COREY D. NORRIS
P.E.
200 Whetstone Road
Swansea, S.C. 29160
Florida P.E. No. 56405

ISSUE					
CONSTRUCTION	OWN	CHK	ENG	P.E.	DATE
Construction Anchor Bolts	MBS	MAR	RSP	CDN	04/10/12
Revised Anchor Bolts	MBS	VMS	RSP		04/16/12
Permits	MBS	VMS	RSP		04/16/12

PROJECT NAME: FORT WHITE FD	PROJECT NUMBER: S12U0199A
CUSTOMER: PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835	

NUCOR BUILDING SYSTEMS 305 INDUSTRIAL PARKWAY, WATERLOO, IN 46783 PHONE: (260) 837-7881 FAX: (260) 837-7384 PO BOX 1008, 200 WHETSTONE RD, SWANSEA, SC 29160 PHONE: (803) 568-2100 FAX: (803) 568-2121 800 APACHE TRAIL, TERRELL, TX 75160 PHONE: (972) 524-5407 FAX: (972) 524-5417 1050 WATERY LANE, BRIGHAM CITY, UT 84302 PHONE: (435) 918-3100 FAX: (435) 918-3101



FASCIA FRAMING: FRAME LINE 1

GENERAL NOTES

1. STD. ROD/CABLE SIZES PER PART PREFIX ARE:
ROD
RDB- = 5/8" ROD
RDC- = 3/4" ROD
RDD- = 7/8" ROD
RDE- = 1" ROD
RDF- = 1 1/8" ROD
RDG- = 1 1/4" ROD
CABLE
CAA- = 1/4" CABLE
CAB- = 3/8" CABLE
CAC- = 1/2" CABLE
2. ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
3. FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
4. THIS DRAWING IS NOT TO SCALE.

MEMBER TABLE			CONNECTION PLATES		
FRAME LINE 1			FRAME LINE 1		
MARK	PART	LENGTH	MARK	PART	LENGTH
EB-2	W8x24	TBD	EB-2	W8x24	TBD
EB-3	W8x24	TBD	EB-3	W8x24	TBD
G-5	08Z054	161.000	G-5	08Z054	161.000
G-6	08C060	TBD	G-6	08C060	TBD
G-8	08Z054	179.000	G-8	08Z054	179.000
G-9	08C060	TBD	G-9	08C060	TBD
G-13	08C060	TBD	G-13	08C060	TBD
G-14	08C060	TRN	G-14	08C060	TRN

FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET

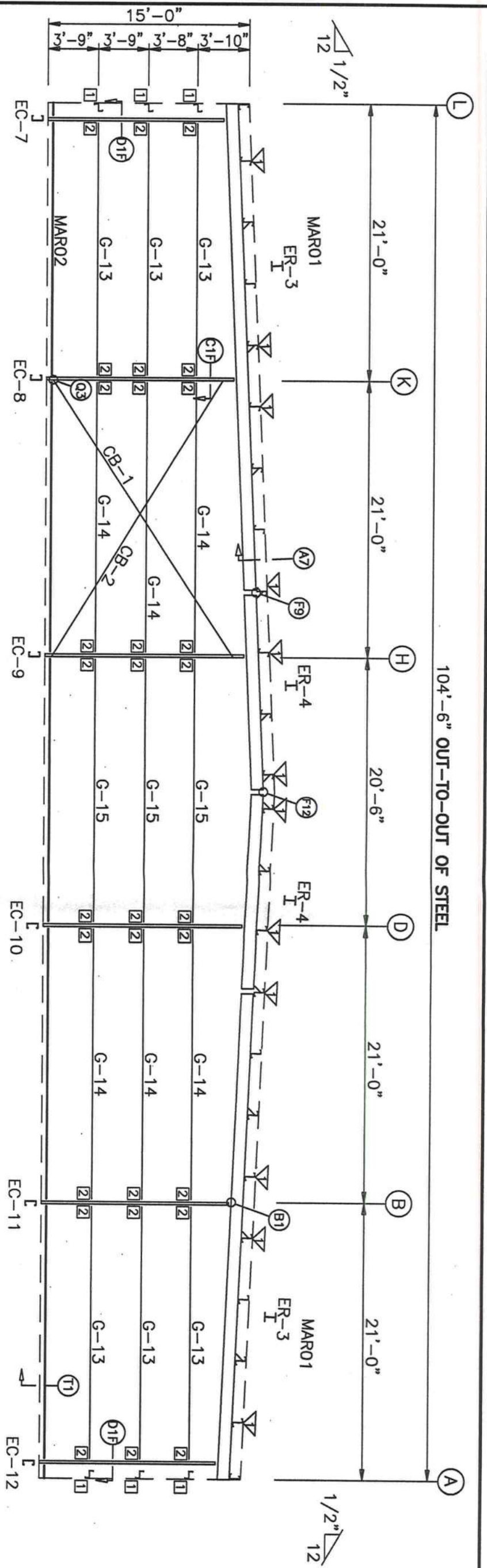
APR 16 2012

YOUR BUILDING IS BEING FABRICATED.

COREY D. NORRIS
P.E.
200 Whetstone Road
Swansea, S.C. 29160

PROFESSIONAL ENGINEER
FLORIDA
LICENSE NO. 066425
4-16-12

PROJECT NAME:		CUSTOMER:	
FORT WHITE FD		PIONEER CONSTRUCTION SERVICE INC.	
FORT WHITE, FL 32038		ORLANDO, FL 32835	
JOB NUMBER:		SHEET NO.:	
S12J0199A		E6	
ISSUE		DATE	
Construction Anchor Bolts		04/10/12	
Revised Anchor Bolts		04/18/12	
Permits		04/18/12	
DWN		ENG	
MBS		RSP	
MAR		CDN	
VMS			
MBS			



ENDWALL FRAMING: FRAME LINE 4

GENERAL NOTES

- 1. STD. ROD/CABLE SIZES PER PART PREFIX ARE:
ROD = 5/8" ROD
RDB- = 5/8" ROD
RDC- = 3/4" ROD
RDD- = 7/8" ROD
RDE- = 1" ROD
RDF- = 1 1/8" ROD
RDG- = 1 1/4" ROD
CABLE = 1/4" CABLE
CAA- = 3/8" CABLE
CAB- = 3/8" CABLE
CAC- = 1/2" CABLE
- 2. ROD/CABLE BRACING THAT OCCURS IN FLUSH OR INSET GIRT CONDITIONS WILL REQUIRE FIELD SLOTTING OF GIRT WEBS TO ALLOW FOR BRACING.
- 3. FRAMED OPENINGS WHICH ARE FIELD LOCATED WILL REQUIRE FIELD CUTTING OF GIRTS AND SHEETING.
- 4. THIS DRAWING IS NOT TO SCALE.

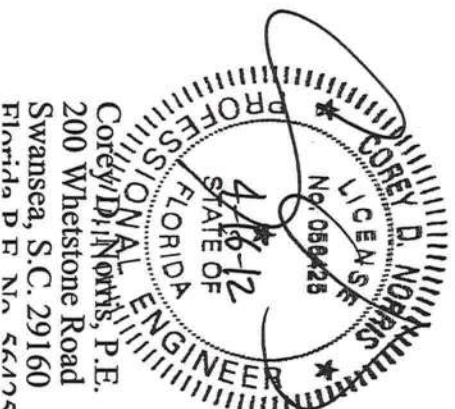
MEMBER TABLE		
FRAME LINE 4		
MARK	PART	LENGTH
EC-7	W08S075	160.649
EC-8	W08S099	170.483
EC-9	W08S105	180.983
EC-10	W08S105	180.983
EC-11	W08S099	170.483
EC-12	W08S075	160.649
ER-3	W1012519	449.709
ER-4	W1012519	177.585
G-13	08Z067	223.000
G-14	08Z075	239.000
G-15	08Z075	233.000
CB-1	RDB-	309.000
CB-2	RDB-	303.000

FLANGE BRACE TABLE		
FRAME LINE 4		
VID	QUAN	MARK
1	12	FBC30

BOLT TABLE		
FRAME LINE 4		
LOCATION	QUAN	TYPE
ER-3/ER-4	4	A325
ER-4/ER-4	4	A325
Columns/Rof	6	A325

CONNECTION PLATES		
FRAME LINE 4		
MARK	QUAN	TYPE
1	1	GCC03
2	2	GFI01

FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.
APR 16 2012
YOUR BUILDING IS BEING FABRICATED.



PROJECT NAME:
FORT WHITE FD

FORT WHITE, FL 32038

CUSTOMER:
PIONEER CONSTRUCTION SERVICE INC.
ORLANDO, FL 32835

JOB NUMBER:
S12J0199A

SHEET NO:
E7

NUCOR
BUILDING SYSTEMS
305 INDUSTRIAL PARKWAY, WATERLOO, IN 46793
PHONE: (260) 837-7891 FAX: (260) 837-7384
PO BOX 1008, 200 WHEISTONE RD, SWANSEA, SC 29180
PHONE: (803) 588-2100 FAX: (803) 588-2121
800 APACHE TRAIL, TERRELL, TX 75160
PHONE: (972) 524-5407 FAX: (972) 524-5417
1050 WATERY LANE, BRIGHAM CITY, UT 84302
PHONE: (435) 819-3100 FAX: (435) 819-3101

ISSUE	DWN	CHK	ENG	P.E.	DATE
Construction Anchor Bolts	MBS	MAR	RSP	CDN	04/10/12
Revised Anchor Bolts	MBS	VMS	RSP		04/16/12
Permits	MBS	VMS	RSP		04/16/12

TYPICAL FIELD WELD REQUIREMENTS ERECTOR NOTE:
(UNLESS NOTED OTHERWISE ON DRAWINGS)

ALL FIELD WELDING MUST BE PERFORMED BY AWS/CWB CERTIFIED WELDERS WHO ARE QUALIFIED FOR THE WELDING PROCESSES AND POSITIONS INDICATED. ALL WORK MUST BE COMPLETED AND INSPECTED IN ACCORDANCE WITH THE APPLICABLE AWS/CWB SPECIFICATIONS. WELD ELECTRODES USED FOR THE SAW (OR STICK) WELD PROCESS MUST BE TO KSI/483 MPa MATERIAL AND LOW HYDROGEN CONTENT.

GALVANIZED STEEL FIELD WELDING RECOMMENDATIONS

PREPARATION OF WELD AREA
AWS D-19.0, WELDING ZINC COATED STEEL, CALLS FOR WELDS TO BE MADE ON STEEL THAT IS FREE OF ZINC IN THE AREA TO BE WELDED. FOR GALVANIZED STRUCTURAL COMPONENTS, THE ZINC COATING SHOULD BE REMOVED AT LEAST ONE TO FOUR INCHES (2.5-10 cm) FROM EITHER SIDE OF THE INTENDED WELD ZONE AND ON BOTH SIDES OF THE WORKPIECE. GRINDING BACK THE ZINC COATING IS THE PREFERRED AND MOST COMMON METHOD; BURNING THE ZINC AWAY OR PUSHING BACK THE MOLTEN ZINC FROM THE WELD AREA ARE ALSO EFFECTIVE.

TOUCH-UP OF WELD AREA

WELDING ON GALVANIZED SURFACES DESTROYS THE ZINC COATING ON AND AROUND THE WELD AREA. RESTORATION OF THE AREA WILL BE PERFORMED IN ACCORDANCE WITH ASTM A 780, STANDARD PRACTICE FOR REPAIR OF DAMAGED AND UNCOATED AREAS OF HOT-DIP GALVANIZED COATINGS, WHICH SPECIFIES THE USE OF PAINTS CONTAINING ZINC DUST, ZINC-BASED SOLDERS OR SPRAYED ZINC. ALL TOUCH-UP AND REPAIR METHODS ARE CAPABLE OF BUILDING A PROTECTIVE LAYER TO THE THICKNESS REQUIRED BY ASTM A 780.

SAFETY & HEALTH

WHEN WELDING DIRECTLY ON GALVANIZED STEEL, IS UNAVOIDABLE, OSHA PERMISSIBLE EXPOSURE LIMITS (PELS) MAY BE EXCEEDED AND EVERY PRECAUTION, INCLUDING HIGH-VELOCITY CIRCULATING FANS WITH FILTERS, AIR RESPIRATORS AND FUME-EXTRACTION SYSTEMS SUGGESTED BY AWS, SHOULD BE EMPLOYED. FUMES FROM WELDING GALVANIZED STEEL CAN CONTAIN ZINC, IRON, AND LEAD. FUME COMPOSITION TYPICALLY DEPENDS ON THE COMPOSITION OF THE MATERIALS USED, AS WELL AS THE HEAT APPLIED BY THE PARTICULAR WELDING PROCESS. IN ANY EVENT, GOOD VENTILATION MINIMIZES THE AMOUNT OF EXPOSURE TO FUMES.

PRIOR TO WELDING ON ANY METAL, CONSULT ANSI/ASC Z-49.1, SAFETY IN WELDING, CUTTING AND ALLIED PROCESSES, WHICH CONTAINS INFORMATION ON THE PROTECTION OF PERSONNEL AND THE GENERAL AREA, VENTILATION AND FIRE PREVENTION.

INFORMATION COURTESY OF AMERICAN GALVANIZERS ASSOCIATION

TYPICAL WASHER REQUIREMENTS ERECTOR NOTE:
(UNLESS NOTED OTHERWISE ON DRAWINGS)

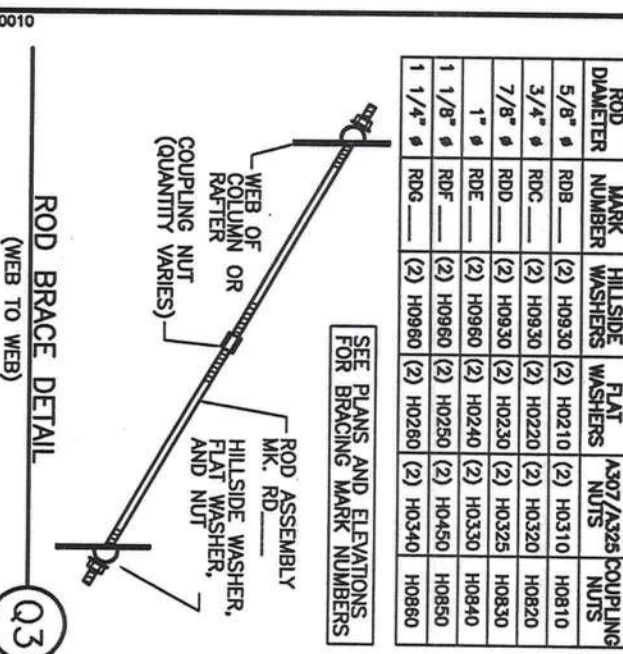
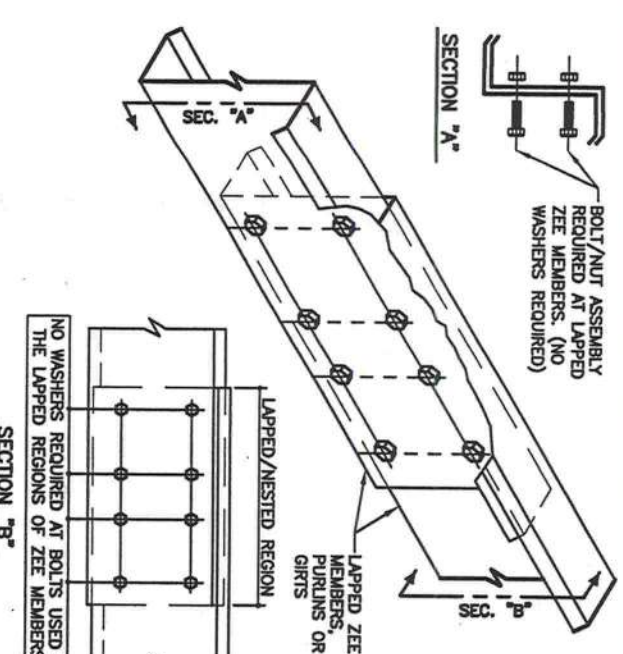
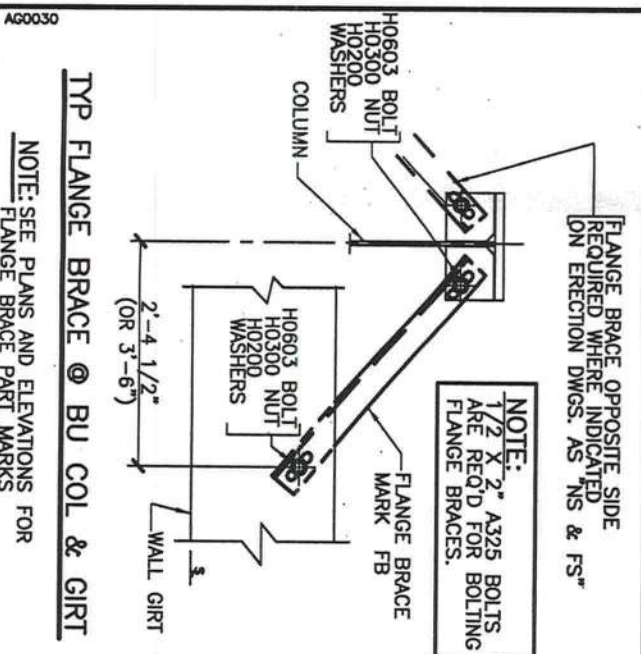
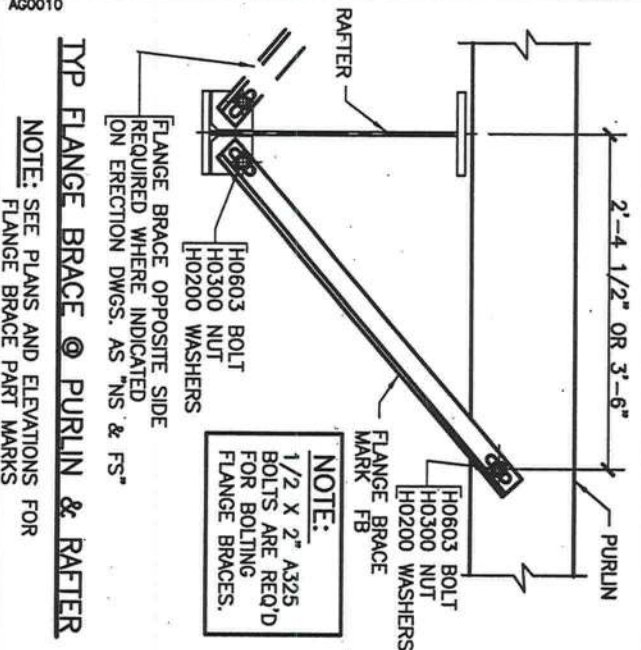
BOLT HEAD **WASHER** **NUT** **SLOT** **SLOT TO SLOT CONNECTIONS**
WASHERS ARE REQUIRED ON BOTH SIDES OF MATERIAL IF SLOTS ARE USED ON BOTH SIDES (NOTE LAPPED ZEE MEMBER EXCEPTION).

BOLT HEAD **WASHER** **NUT** **SLOT** **SLOT TO HOLE CONNECTIONS**
ONE WASHER REQUIRED ON SLOTTED SIDE ONLY.

BOLT HEAD **WASHER** **NUT** **HOLE** **HOLE TO HOLE CONNECTIONS**
NO WASHERS ARE REQUIRED WHEN SLOTS ARE NOT USED.

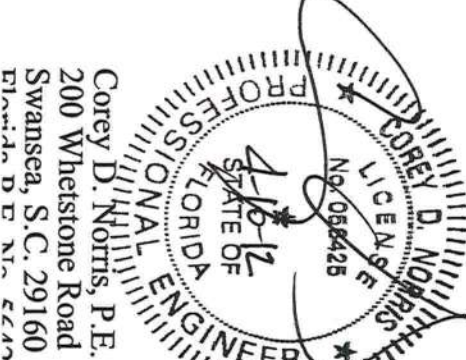
WASHER PART NUMBERS

H0200 - 1/2" FLAT WASHER	H0240 - 1" FLAT WASHER
H0210 - 5/8" FLAT WASHER	H0250 - 1 1/8" FLAT WASHER
H0220 - 3/4" FLAT WASHER	H0260 - 1 1/4" FLAT WASHER
H0230 - 7/8" FLAT WASHER	

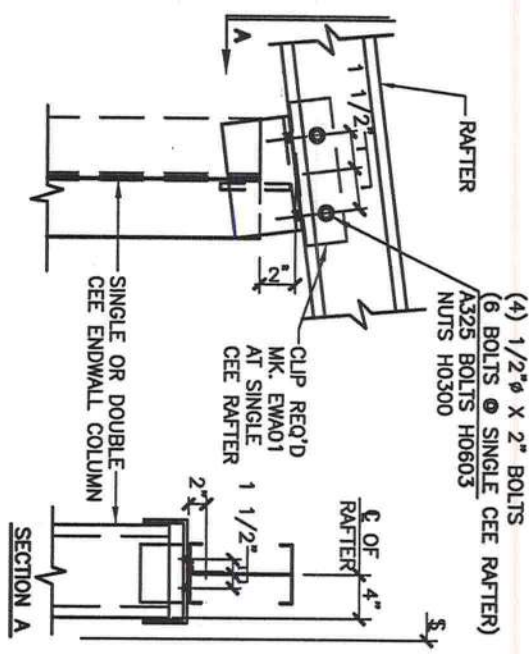


ISSUE	DWN	CHK	ENG	P.E.	DATE
Construction Anchor Bolts	MBS	MAR	RSP	CDN	04/16/12
Revised Anchor Bolts	MBS	VMS	RSP		04/16/12
Permits	MBS	VMS	RSP		04/16/12

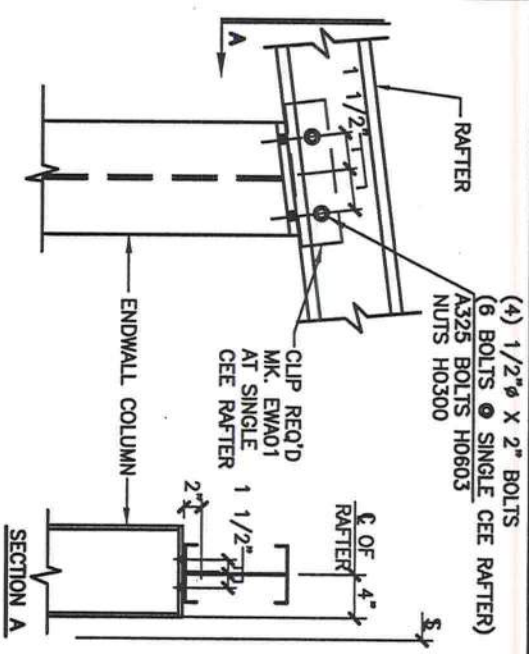
FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.
APR 16 2012
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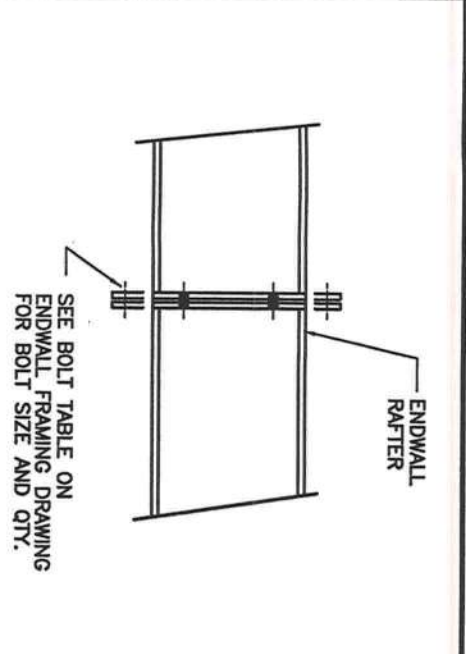
PROJECT NAME: FORT WHITE FD	JOB NUMBER: S12J0199A	SHEET NO: D1
CUSTOMER: PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835		
NUCOR BUILDING SYSTEMS 305 INDUSTRIAL PARKWAY, WATERLOO, IN 46783 PHONE: (280) 837-7881 FAX: (280) 837-7384 PO BOX 1006, 200 WHETSTONE RD, SWANSEA, SC 29180 PHONE: (803) 566-2100 FAX: (803) 566-2121 600 APACHE TRAIL, TERRELL, TX 75180 PHONE: (972) 524-5407 FAX: (972) 524-5417 1050 WATERY LANE, BRIGHAM CITY, UT 84302 PHONE: (435) 919-3100 FAX: (435) 919-3101		



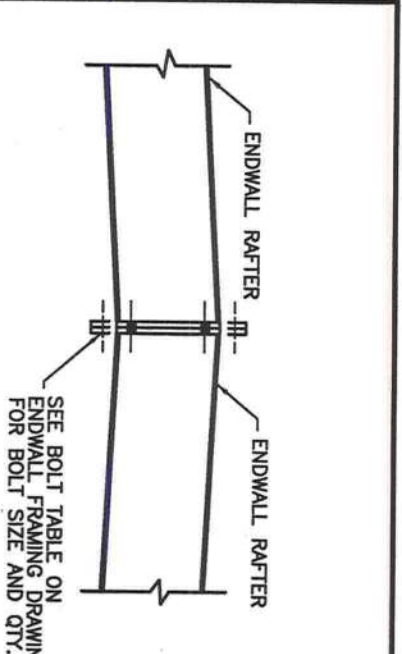
EW CEE COLUMN TO RAFTER CONN (B1)
COLUMN TOP CLIP FACTORY WELDED TO COLUMN
SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



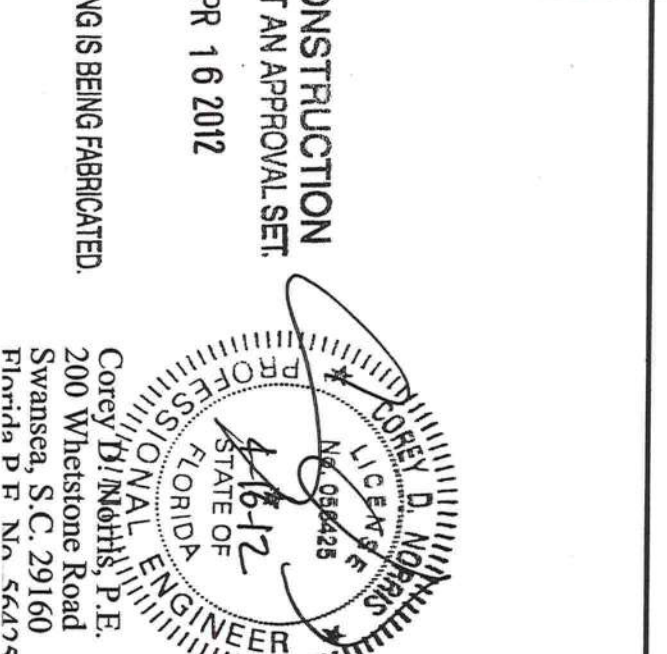
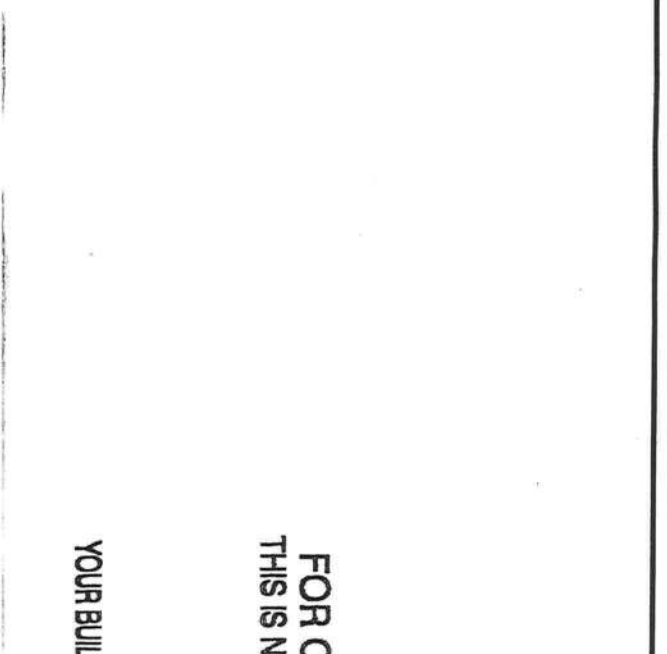
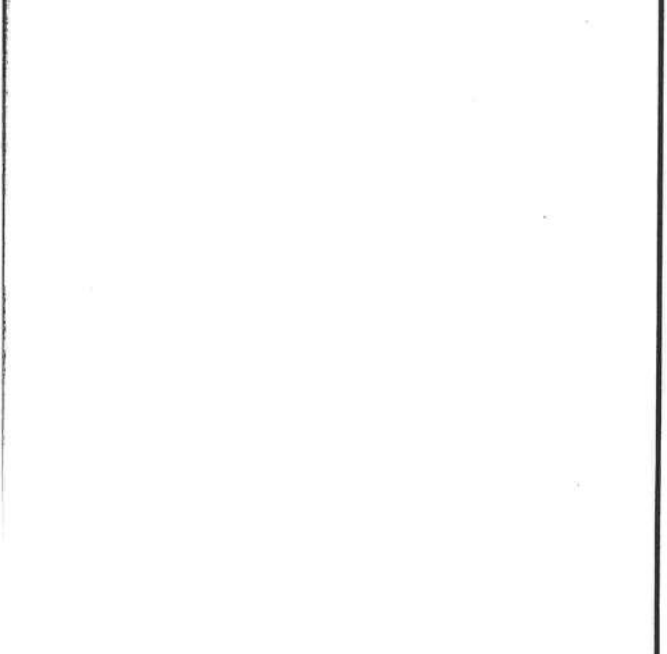
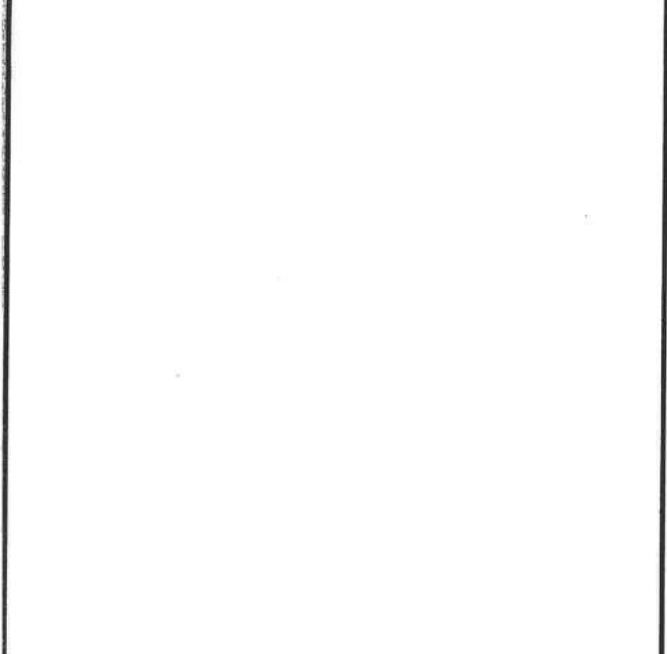
EW COLUMN TO RAFTER CONN (B3)
(CONTINUOUS RAFTER)
SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



ENDWALL RAFTER SPLICE (F9)
AC0170



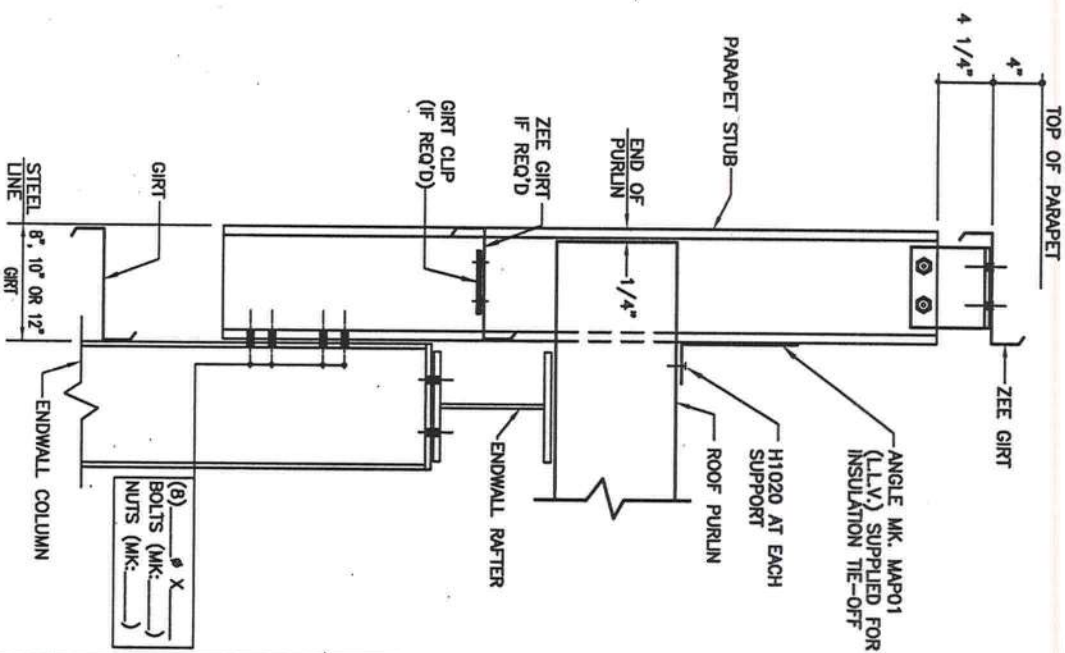
EW RAFTER RIDGE CONNECTION (F12)
W/O COLUMN
AC0180



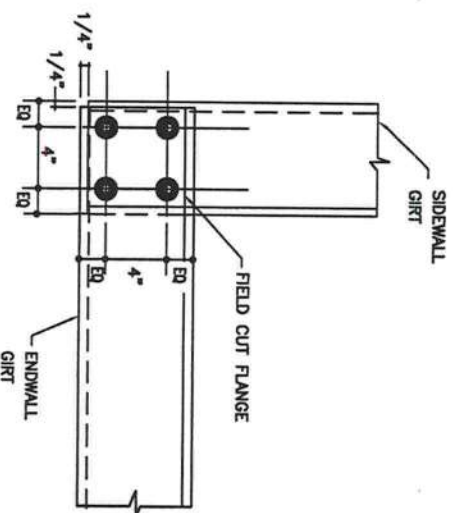
PROJECT NAME: FORT WHITE FD		CUSTOMER: PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835		JOB NUMBER: S12J0199A		SHEET NO: D2																																																							
NUCOR BUILDING SYSTEMS 305 INDUSTRIAL PARKWAY, WATERLOO, IN 46793 PHONE: (260) 837-7881 FAX: (260) 837-7384 PO BOX 1008, 200 WHETSTONE RD, SWANSEA, SC 29180 PHONE: (803) 568-2100 FAX: (803) 568-2121 600 APACHE TRAIL, TERRELL, TX 75180 PHONE: (972) 524-5407 FAX: (972) 524-5417 1050 WATERY LANE, BRIGHAM CITY, UT 84302 PHONE: (435) 919-3100 FAX: (435) 919-3101				<table><thead><tr><th>ISSUE</th><th>DWN</th><th>CHK</th><th>ENG</th><th>P.E.</th><th>DATE</th></tr></thead><tbody><tr><td>Construction Anchor Bolts</td><td>MBS</td><td>MAR</td><td>RSP</td><td>CDN</td><td>04/10/12</td></tr><tr><td>Revised Anchor Bolts</td><td>MBS</td><td>VMS</td><td>RSP</td><td></td><td>04/16/12</td></tr><tr><td>Permits</td><td>MBS</td><td>VMS</td><td>RSP</td><td></td><td>04/16/12</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				ISSUE	DWN	CHK	ENG	P.E.	DATE	Construction Anchor Bolts	MBS	MAR	RSP	CDN	04/10/12	Revised Anchor Bolts	MBS	VMS	RSP		04/16/12	Permits	MBS	VMS	RSP		04/16/12																														
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THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY NUCOR BUILDING SYSTEMS. A NUCOR BUILDING SYSTEMS DESIGNER OR ENGINEER MUST SIGN AND SEAL THE DRAWINGS AND THE METAL BUILDING WHICH THEY REPRESENT AS THE PRODUCT OF NUCOR BUILDING SYSTEMS. ANY OTHER SEAL APPEARING ON THESE DRAWINGS IS EXEMPTED BY NUCOR BUILDING SYSTEMS. ANY OTHER SEAL OR REPRESENT THE PRODUCT AS ENGINEER OF RECORD AND SHALL

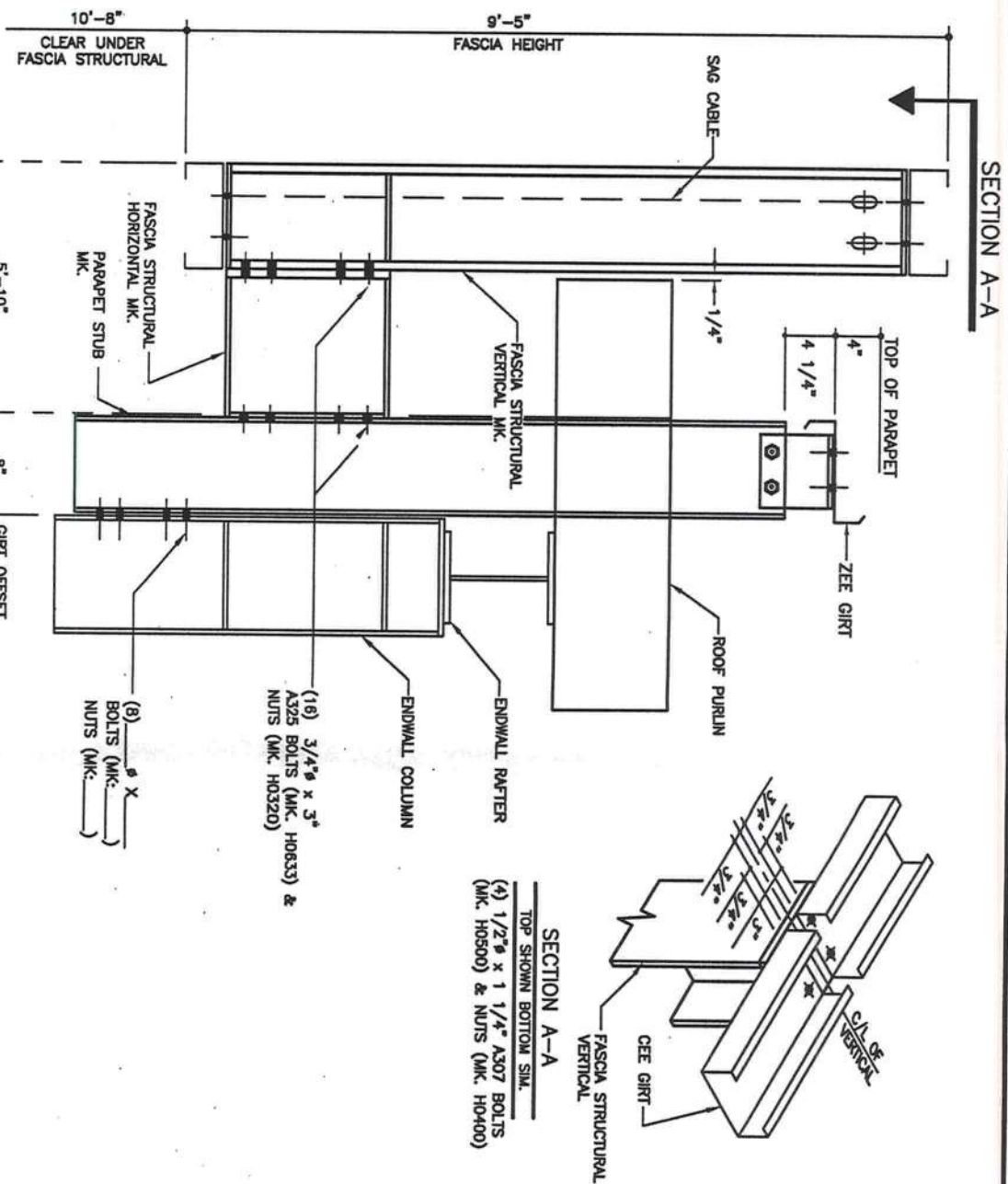
FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.
APR 16 2012
COREY D. NOLTHS, P.E.
PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 056426
4-16-12
YOUR BUILDING IS BEING FABRICATED.



PA0005
ENDWALL PARAPET STRUCTURAL P1
POST AND BEAM ENDWALL WITH BYPASS GIRTS
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS



PA0007
PARAPET CORNER GIRTS BYPASS
BYPASS TOP GIRTS AT PARAPET CORNER
NOTE: USE (4) 1/2\"/>



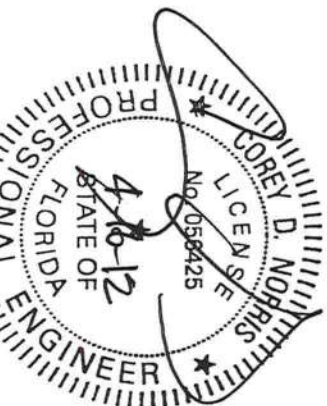
HA1020
ENDWALL FASCIA STRUCTURAL FF1
POST AND BEAM ENDWALL WITH BYPASS GIRTS
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

SECTION A-A
TOP SHOWN BOTTOM SIML.
(4) 1/2\"/>

FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.

APR 16 2012

YOUR BUILDING IS BEING FABRICATED.



Corey D. Norris, P.E.
200 Whetstone Road
Swansea, S.C. 29160
Florida D.E. No. 056425

NUCOR

BUILDING SYSTEMS
305 INDUSTRIAL PARKWAY, WATERLOO, IN 46793
PHONE: (260) 837-7891 FAX: (260) 837-7384
PO BOX 1008, 200 WHETSTONE RD, SWANSEA, SC 29160
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Permits	MBS	VMS	RSP		04/16/12

PROJECT NAME:
FORT WHITE FD

FORT WHITE, FL 32038

CUSTOMER:
PIONEER CONSTRUCTION SERVICE INC.
ORLANDO, FL 32835

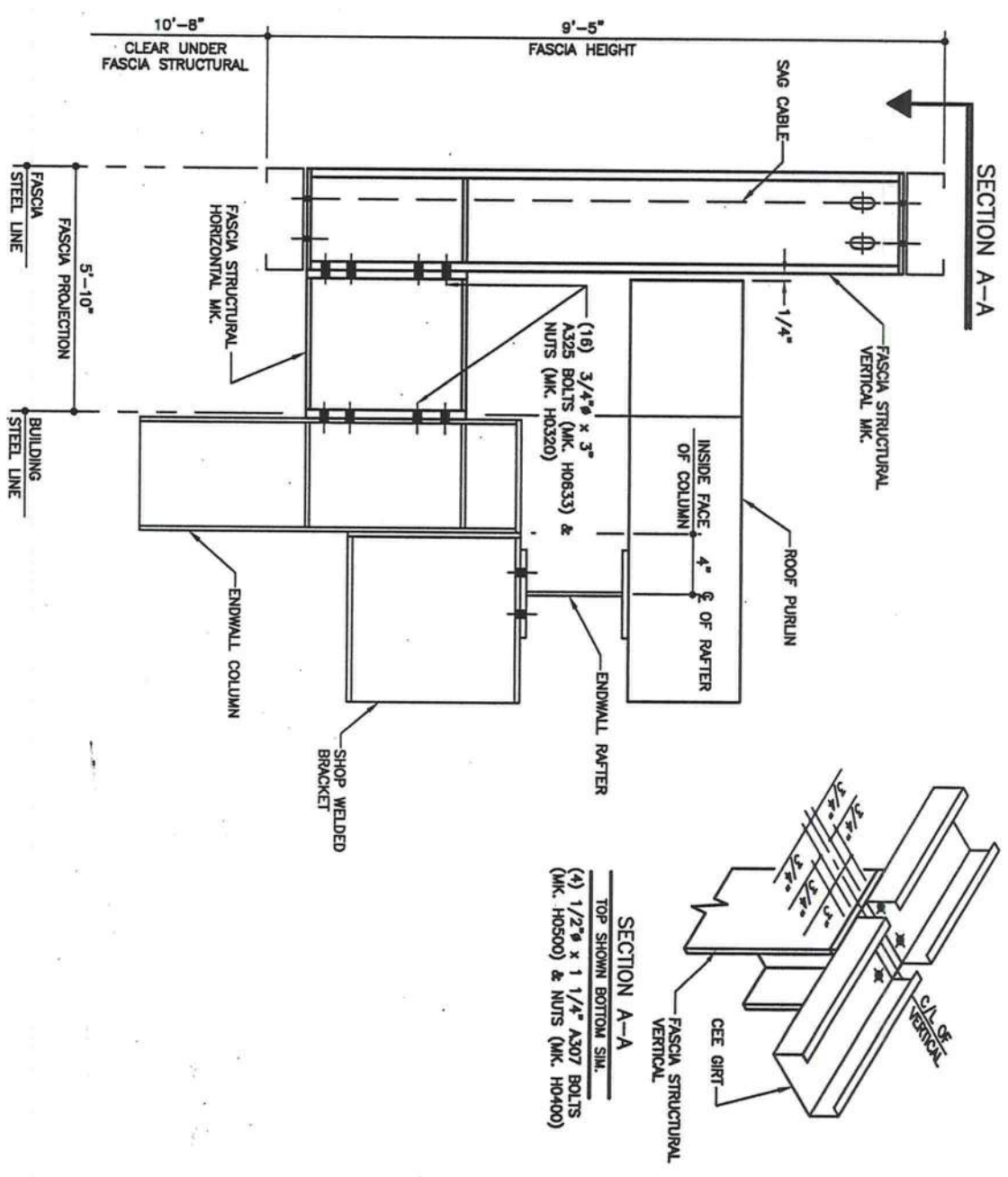
JOB NUMBER:
S12J0199A

SHEET NO:
D3

HA1020

ENDWALL FASCIA STRUCTURAL
POST AND BEAM ENDWALL WITH BYPASS GIRTS
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

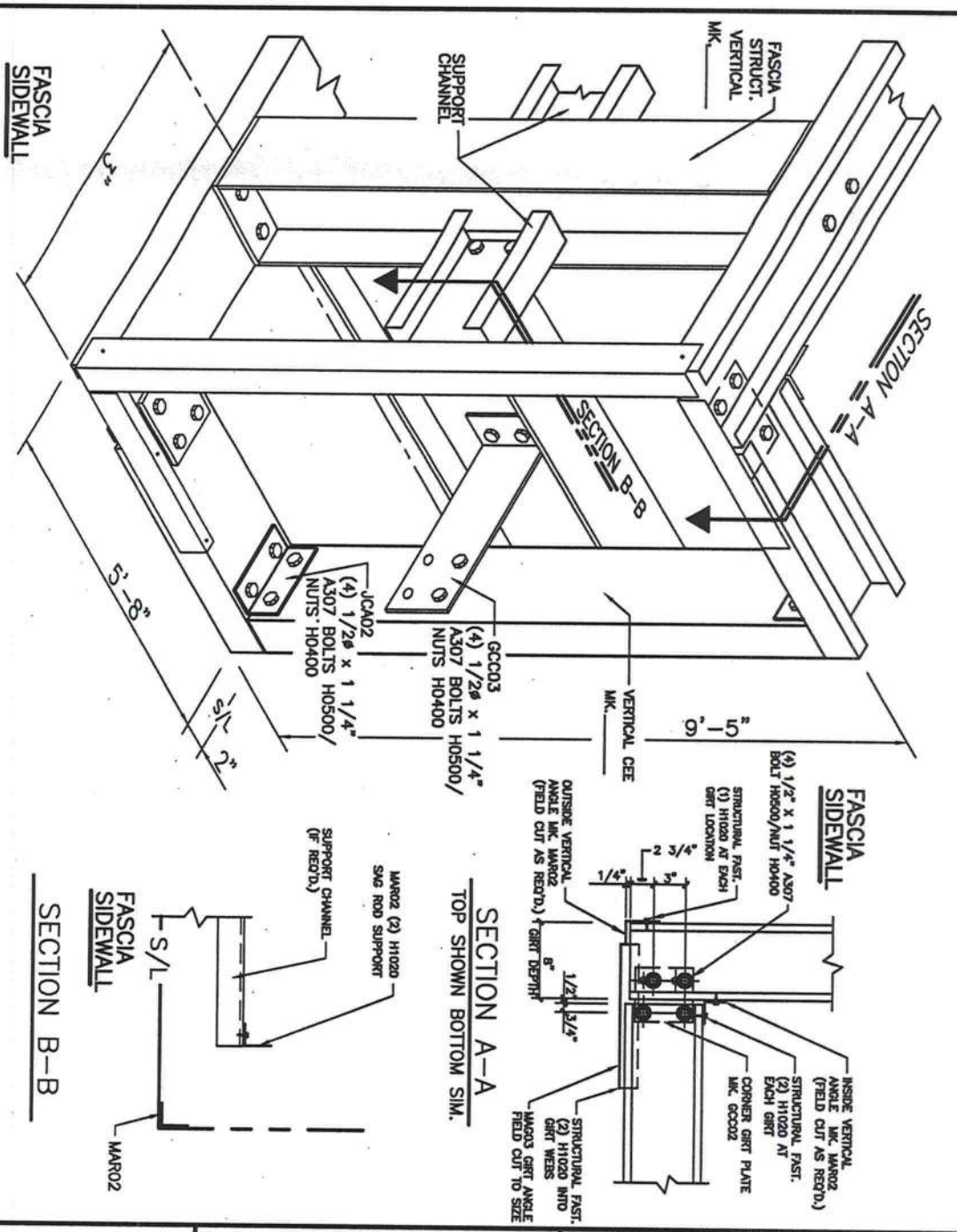
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HE1010

FASCIA STRUCTURAL DETAIL
FASCIA RETURN TO MAIN BUILDING
REFERENCE ERECTOR NOTE FOR TYPICAL WASHER REQUIREMENTS

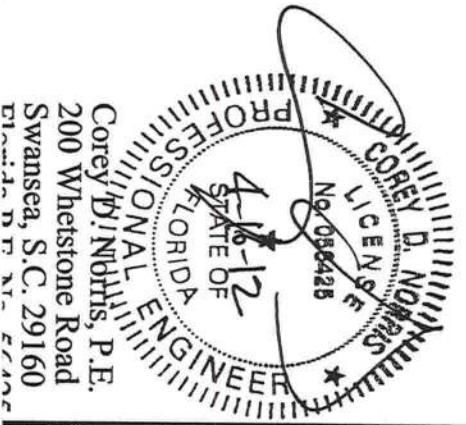
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FOR CONSTRUCTION
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APR 16 2012

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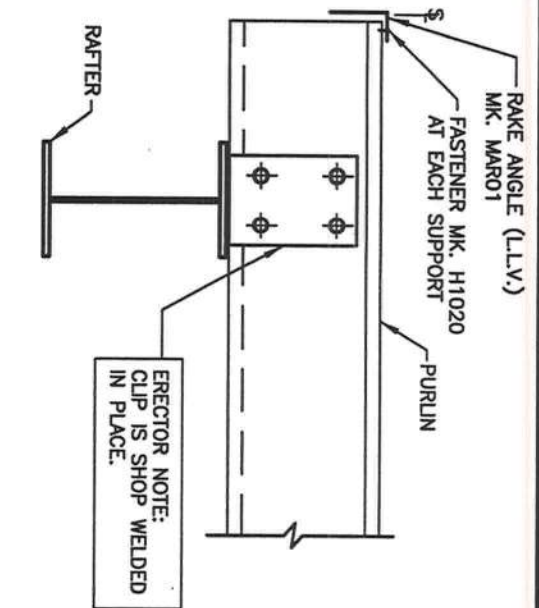
Corey D. Noffs, P.E.
200 Whetstone Road
Swansea, S.C. 29160

ISSUE						DATE
Construction Anchor Bolts	MBS	MR	RSP	P.E.	CDN	04/10/12
Revised Anchor Bolts	MBS	VMS	RSP			04/16/12
Permits	MBS	VMS	RSP			04/16/12

PROJECT NAME:	FORT WHITE FD
LOCATION:	FORT WHITE, FL 32038
CUSTOMER:	PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835

JOB NUMBER:	S12J0199A
SHEET NO.:	D4

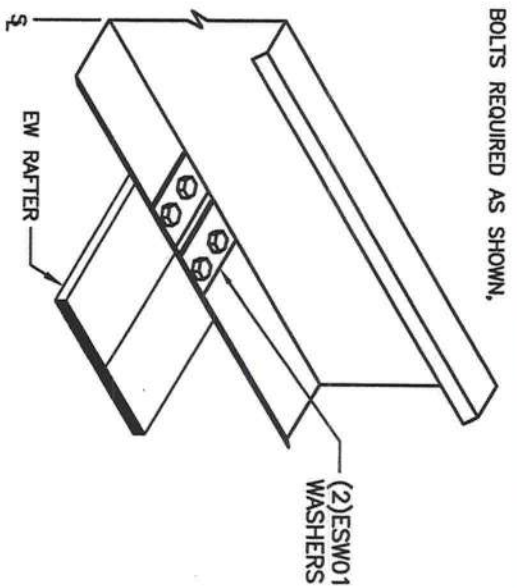
NUCOR BUILDING SYSTEMS	305 INDUSTRIAL PARKWAY, WATERLOO, IN 46793
PHONE: (260) 837-7891	FAX: (260) 837-7384
PO BOX 1006, 200 WHETSTONE RD, SWANSEA, SC 29160	PHONE: (803) 568-2100 FAX: (803) 568-2121
800 APACHE TRAIL, TERRELL, TX 75160	PHONE: (972) 524-5407 FAX: (972) 524-5417
1050 WATERY LANE, BRIGHAM CITY, UT 84302	PHONE: (435) 919-3100 FAX: (435) 919-3101



WELDED CLIP @ ENDWALL RAFTER

USE (4) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400
SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS

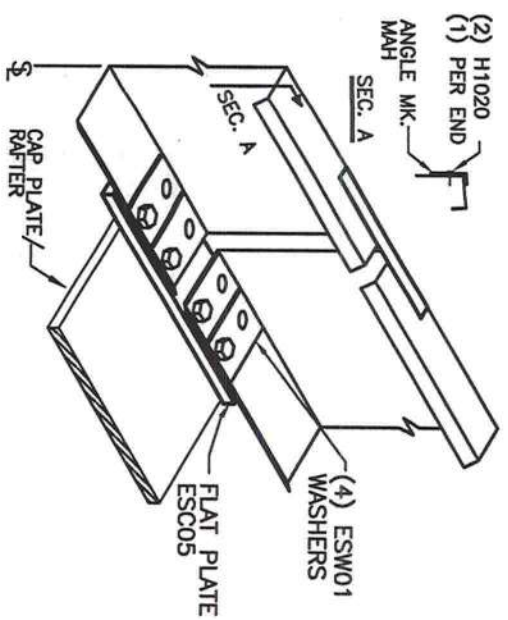
A7



EAVE STRUT TO ENDWALL RAFTER

USE (4) 1/2" X 2" A325 BOLT H0603/NUT H0300

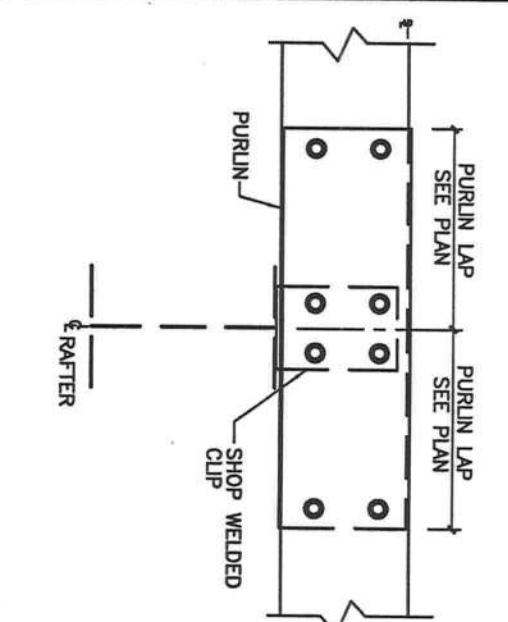
18



EAVE STRUT TO RIGID FRAME

USE (4) 1/2" X 2" A325 BOLT H0603/NUT H0300

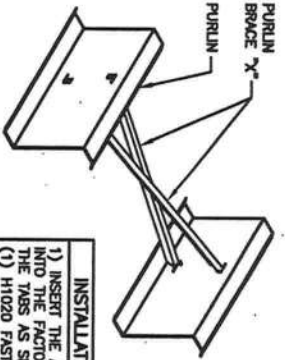
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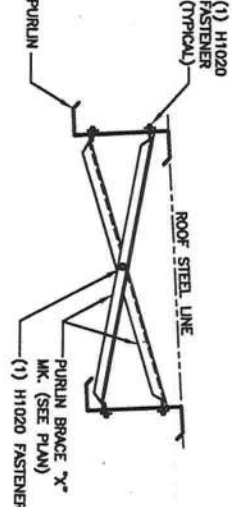
PURLIN TO INTERIOR FRAME RAFTER

USE (8) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400
SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS

G2

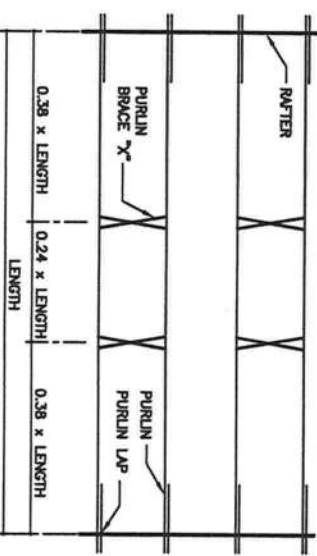


INSTALLATION INSTRUCTIONS
1) INSERT THE ANGLES "BACK-TO-BACK" INTO THE FACTORY PUNCHED SLOTS. BEND THE TABS AS SHOWN AND ATTACH WITH (1) H1020 FASTENER PER END.
2) CONNECT THE PURLIN BRACES AT THE INTERSECTION WITH (1) H1020 FASTENER



PLAN VIEW OF PURLIN BRACING LOCATIONS PER BAY

1) THERE ARE ALWAYS (2) ROWS OF PURLIN BRACING REQUIRED REGARDLESS OF THE BAY LENGTH.
2) THE PURLIN BRACING IS ALWAYS SPACED AS SHOWN IN THE DETAIL BELOW.



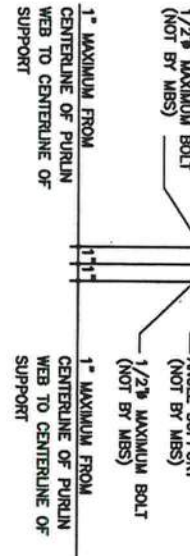
PURLIN BRACING ATTACHMENT <2:12 SLOPE

SEE ROOF TRUSSING PLANS FOR PURLIN BRACING MARK NUMBERS, QUANTITIES, AND LOCATIONS

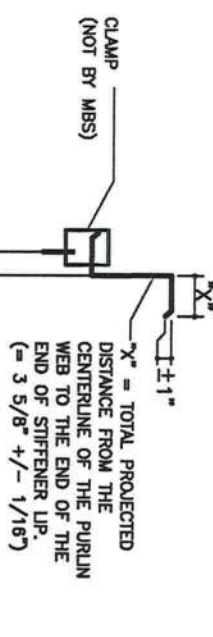
OPTIONS FOR SUPPORT ATTACHMENTS:

OPTION A
DRILL SUPPORT THROUGH THE BOTTOM FLANGE OF THE PURLIN.

OPTION B
SUPPORT ANGLE OR SOME OTHER TYPE OF BRACKET, (NOT BY MBS) SUPPORT THROUGH PURLIN WEB.



OPTION C:
IF PURLIN FLANGE SUPPORT CLAMPS ARE USED.



PURLIN SUPPORT METHODS

FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET.

APR 16 2012

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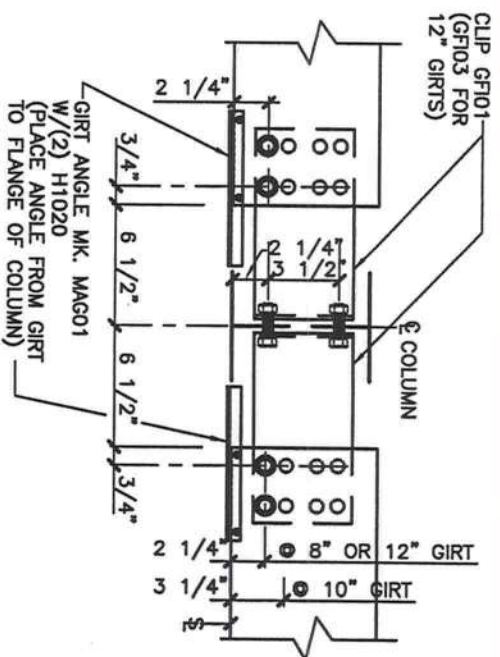
COREY D. NORRIS
LICENSED PROFESSIONAL ENGINEER
FLORIDA
No. 066425
4/16/12
Cory D. Norris, P.E.
200 Whetstone Road
Swansea, S.C. 29160

ISSUE	DWN	CHK	ENG	P.E.	DATE
Construction Anchor Bolts	MBS	MAR	RSP	CDN	04/10/12
Revised Anchor Bolts	MBS	VMS	RSP		04/16/12
Permits	MBS	VMS	RSP		04/16/12

NUCOR
BUILDING SYSTEMS
305 INDUSTRIAL PARKWAY, WATERLOO, IN 46793
PHONE: (280) 837-7891 FAX: (280) 837-7384
PO BOX 1008, 200 WHETSTONE RD, SWANSEA, SC 29160
PHONE: (803) 568-2100 FAX: (803) 568-2121
600 APACHE TRAIL, TERRELL, TX 75160
PHONE: (972) 524-5407 FAX: (972) 524-5417
1050 WATERY LANE, BRIGHAM CITY, UT 84302
PHONE: (435) 819-3100 FAX: (435) 819-3101

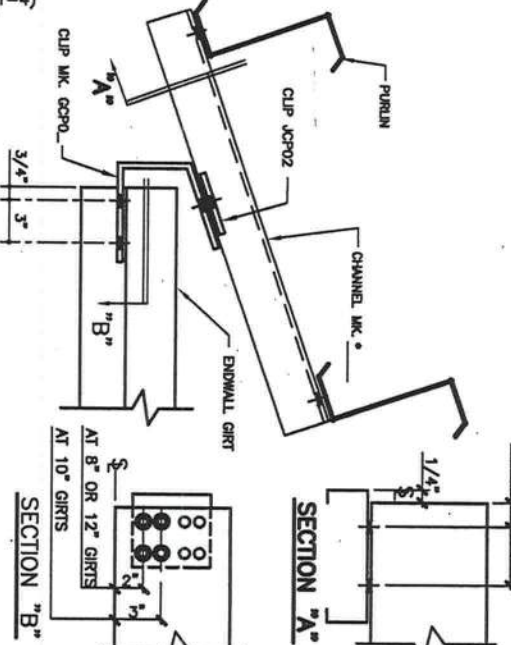
PROJECT NAME:
FORT WHITE FD
FORT WHITE, FL 32038
CUSTOMER:
PIONEER CONSTRUCTION SERVICE INC.
ORLANDO, FL 32835

JOB NUMBER:
S12J0199A
SHEET NO:
D5



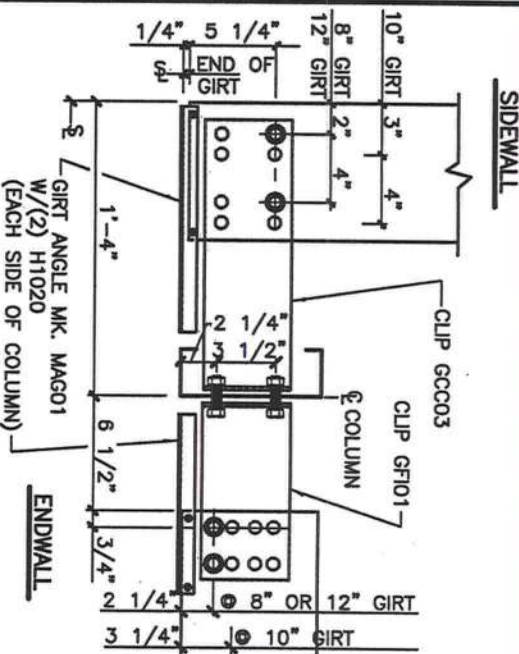
INSET GIRT @ INTERIOR BAY COL. C1f

USE (6) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



GIRT TO PURLIN CONN. X1

USE (6) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS

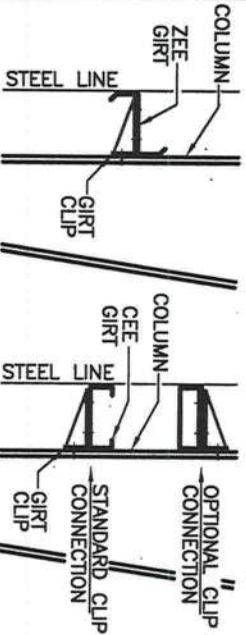


CORNER GIRT DETAIL D1f

USE (6) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS

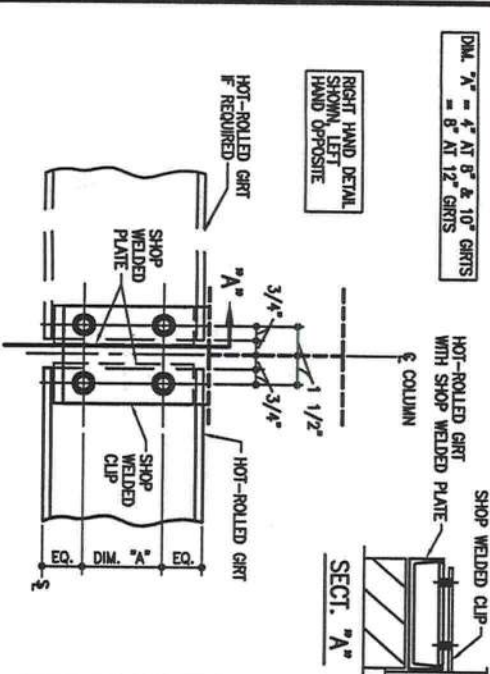
ERECTOR NOTE: UNLESS SPECIFICALLY NOTED OTHERWISE, STANDARD ZEE GIRT ORIENTATION IS TO HAVE THE GIRT TOED DOWN AT THE STEEL LINE AS SHOWN IN THE DETAIL BELOW.

UNLESS SPECIFICALLY NOTED OTHERWISE, STANDARD CEE GIRT ORIENTATION IS TO HAVE THE GIRT TOED UP AS SHOWN IN THE DETAIL BELOW. STANDARD CLIP ATTACHMENT IS BELOW THE GIRT, HOWEVER SOME DETAILS REQUIRE THAT THE CLIP BE ABOVE THE GIRT. (REFER TO THE GIRT DETAILS ON THE ATTACHMENTS ARE SHOWN IN THE DETAIL BELOW.



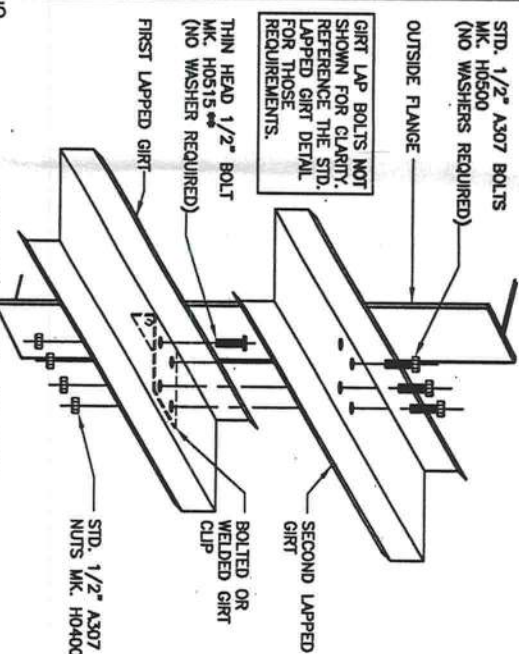
STANDARD GIRT ORIENTATION DETAIL

NOTE: BYPASS GIRT CONDITION IS SHOWN FOR REFERENCE ONLY. YOUR PROJECT MAY HAVE FLUSH OR INSET GIRTS.



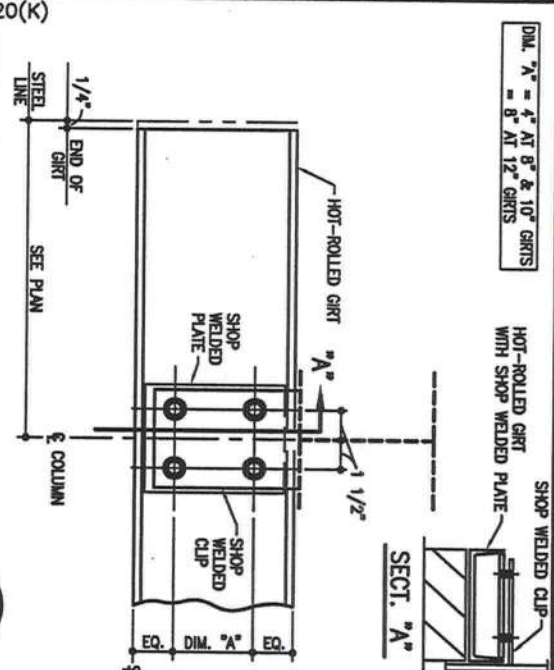
SW OR EW GIRT DETAIL S1

USE (6) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS



LAPPED GIRT DETAIL

NOTE: THE THIN HEAD 1/2" A307 BOLT MUST BE INSTALLED INTO THE FIRST GIRT AND CLIP OF A LAPPED CONDITION. THE BOLT/NUT ASSEMBLY MUST BE WRENCH TIGHT PRIOR TO THE SECOND LAPPED GIRT BEING INSTALLED.



HOT-ROLLED GIRT TERMINATION DETAIL S2

USE (6) 1/2" X 1 1/4" A307 BOLTS H0500/NUTS H0400 SEE ERECTOR NOTE FOR TYP. WASHER REQUIREMENTS

FOR CONSTRUCTION
THIS IS NOT AN APPROVAL SET
APR 16 2012

YOUR BUILDING IS BEING FABRICATED



Corey D. Norris, P.E.
200 Whetstone Road
Swansea, S.C. 29160

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ORLANDO, FL 32835

JOB NUMBER:
S12J0199A

SHEET NO:
D6

THIS SET PERTAINS ONLY TO THE BUILDING SYSTEMS SHOWN AND IS NOT TO BE USED FOR ANY OTHER BUILDING SYSTEMS. THE DRAWINGS AND THE METAL BUILDING SYSTEMS ARE THE PROPERTY OF NUCOR BUILDING SYSTEMS. THE REGISTERED PROFESSIONAL ENGINEER WHOSE SEAL IS APPLIED TO THESE DRAWINGS DOES NOT SERVE AS OR REPRESENT THE PROJECT