

ANCHOR BOLT PLAN

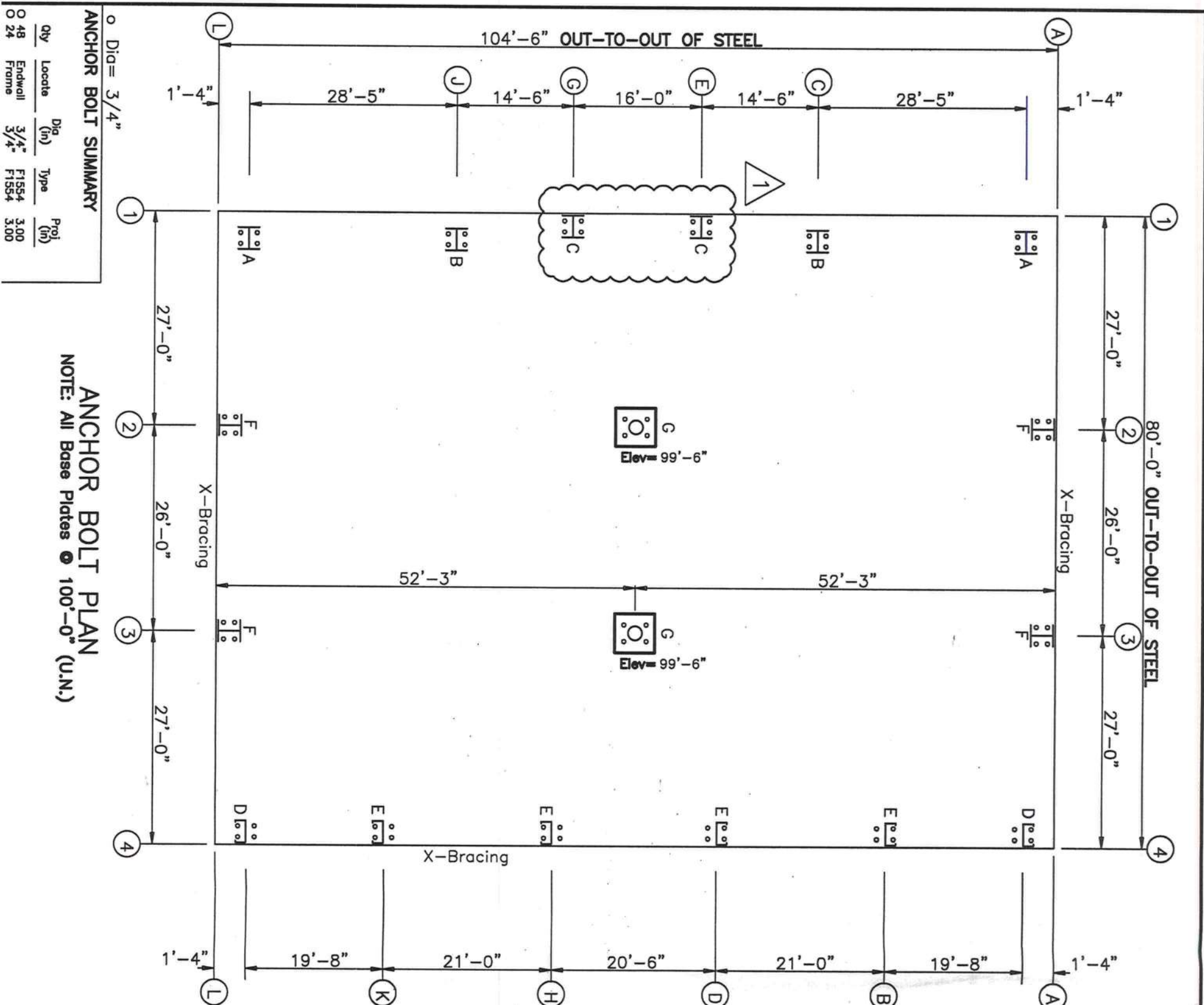
GENERAL NOTES

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

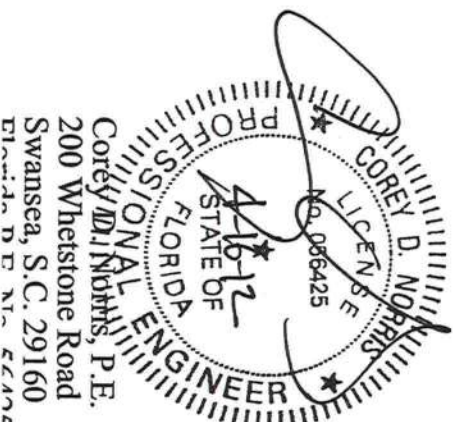
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ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Proj (in)
0 48	Endwall	3/4"	F1554	3.00
0 24	Frame	3/4"	F1554	3.00

NOTE: All Base Plates @ 100'-0" (U.N.)



Corey D. Norris, P.E.
200 Whetstone Road
Swansea, S.C. 29160
Tel: 803.888.2222

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

PROJECT NAME: FORT WHITE FD	PROJECT NAME: FORT WHITE, FL 32038
JOB NUMBER: S12J0199A	CUSTOMER: PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835

THIS SEAL REMAINS VALID TO THE MATERIALS DESIGNED AND SUPPLIED BY NUCOR BUILDING SYSTEMS, A DIVISION OF NUCOR CORPORATION. ANY REVISIONS TO THESE DRAWINGS ARE THE PROPERTY OF NUCOR BUILDING SYSTEMS. THE REGISTERED SEAL APPEARS ON THESE DRAWINGS AND DOES NOT SERVE AS A SUBSTITUTE FOR THE PROJECT.	NUCOR BUILDING SYSTEMS 305 INDUSTRIAL PARKWAY, WATERLOO, IN 46793 PHONE: (280) 837-7891 FAX: (280) 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) 919-3100 FAX: (435) 919-3101
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Frm Line	Col Line	Anc-Bolt Qty	Base-Plate Width	(in) Length	(in) Thick	Elev (in)
2	A	4	0.750	8.000	11.50	0.375
2	1	4	0.750	8.000	11.50	0.375
2	2	4	0.750	10.00	15.00	0.500
2	3	4	0.750	10.00	15.00	0.500
2	4	4	0.750	10.00	15.00	0.500
2	5	4	0.750	10.00	15.00	0.500
2	6	4	0.750	10.00	15.00	0.500
2	7	4	0.750	10.00	15.00	0.500
2	8	4	0.750	10.00	15.00	0.500
2	9	4	0.750	10.00	15.00	0.500
2	10	4	0.750	10.00	15.00	0.500
2	11	4	0.750	10.00	15.00	0.500
2	12	4	0.750	10.00	15.00	0.500
2	13	4	0.750	10.00	15.00	0.500
2	14	4	0.750	10.00	15.00	0.500
2	15	4	0.750	10.00	15.00	0.500
2	16	4	0.750	10.00	15.00	0.500
2	17	4	0.750	10.00	15.00	0.500
2	18	4	0.750	10.00	15.00	0.500
2	19	4	0.750	10.00	15.00	0.500
2	20	4	0.750	10.00	15.00	0.500
2	21	4	0.750	10.00	15.00	0.500
2	22	4	0.750	10.00	15.00	0.500
2	23	4	0.750	10.00	15.00	0.500
2	24	4	0.750	10.00	15.00	0.500
2	25	4	0.750	10.00	15.00	0.500
2	26	4	0.750	10.00	15.00	0.500
2	27	4	0.750	10.00	15.00	0.500
2	28	4	0.750	10.00	15.00	0.500
2	29	4	0.750	10.00	15.00	0.500
2	30	4	0.750	10.00	15.00	0.500
2	31	4	0.750	10.00	15.00	0.500
2	32	4	0.750	10.00	15.00	0.500
2	33	4	0.750	10.00	15.00	0.500
2	34	4	0.750	10.00	15.00	0.500
2	35	4	0.750	10.00	15.00	0.500
2	36	4	0.750	10.00	15.00	0.500
2	37	4	0.750	10.00	15.00	0.500
2	38	4	0.750	10.00	15.00	0.500
2	39	4	0.750	10.00	15.00	0.500
2	40	4	0.750	10.00	15.00	0.500
2	41	4	0.750	10.00	15.00	0.500
2	42	4	0.750	10.00	15.00	0.500
2	43	4	0.750	10.00	15.00	0.500
2	44	4	0.750	10.00	15.00	0.500
2	45	4	0.750	10.00	15.00	0.500
2	46	4	0.750	10.00	15.00	0.500
2	47	4	0.750	10.00	15.00	0.500
2	48	4	0.750	10.00	15.00	0.500
2	49	4	0.750	10.00	15.00	0.500
2	50	4	0.750	10.00	15.00	0.500
2	51	4	0.750	10.00	15.00	0.500
2	52	4	0.750	10.00	15.00	0.500
2	53	4	0.750	10.00	15.00	0.500
2	54	4	0.750	10.00	15.00	0.500
2						

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. Qty	Bot Dia	Base Width	Plate Length	(in) Thick	Elev. (in)
1	A	4	0.750	8.000	8.130	0.380	0.0
1	C	4	0.750	8.000	8.130	0.380	0.0
1	E	4	0.750	8.000	7.938	0.375	0.0
1	G	4	0.750	8.000	7.938	0.375	0.0
1	J	4	0.750	8.000	8.130	0.380	0.0
1	L	4	0.750	8.000	8.130	0.380	0.0
4	L	4	0.750	8.000	8.500	0.380	0.0
4	K	4	0.750	8.000	8.500	0.380	0.0
4	H	4	0.750	8.000	8.500	0.380	0.0
4	D	4	0.750	8.000	8.500	0.380	0.0
4	B	4	0.750	8.000	8.500	0.380	0.0
4	A	4	0.750	8.000	8.500	0.380	0.0

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 AND 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_cn / wind_cnz: LONGITUDINAL WIND, CASE 1/2
Seismic_L / Seismic_R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT
wind_d / wind_dz: DIRECTIONAL WIND FROM FRONT/BACK

LONGITUDINAL WIND EDGE ZONES	UNBALANCED ROOF SNOW WITH CONTINUOUS BEAM SUPPORT	PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SUPPORT
$L_{MIN} \leq L_{LE} \leq L_{MAX}$ $F_{UNB_SL} \leq F_{UNB_SL_R}$ $F_{PAT_LL} \leq F_{PAT_SL}$	$L_{MIN} \leq L_{LE} \leq L_{MAX}$ $F_{UNB_SL} \leq F_{UNB_SL_R}$ $F_{PAT_LL} \leq F_{PAT_SL}$	$L_{MIN} \leq L_{LE} \leq L_{MAX}$ $F_{UNB_SL} \leq F_{UNB_SL_R}$ $F_{PAT_LL} \leq F_{PAT_SL}$

***** ENDWALL COLUMN LOAD CASE ABBREVIATIONS: *****

Collat: 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_Ln: LONGITUDINAL WIND SUCTION ON ROOF

Seis_L/Seis_R: LATERAL SEISMIC LOAD FROM LEFT/RIGHT
E#UNB_SL/E#UNB_SR: UNBALANCED ROOF SNOW WITH WIND FROM LEFT/RIGHT

E#PAT_LL # /E#PAT_SL #: PARTIAL LIVE/SNOW LOADING FOR CONTINUOUS BEAM SYSTEMS

	Dead	Collateral	Live	Wind L1	Wind R1	Wind L2
Column	Horiz	Vert	Horiz	Horiz	Horiz	Horiz
Frame Line	0.7	2.5	0.6	-5.5	1.5	-5.3
2 *	-0.7	2.5	-0.6	-1.5	5.5	-1.6
2 *	0.0	6.7	0.0	-20.0	0.0	0.0
2 *	0.0	6.7	0.0	0.0	-20.0	-8.9
Frame Line	1.6	-1.1	-1.1	-0.9	0.0	-0.1
2 *	5.3	-6.3	1.1	-5.7	0.1	0.0
2 *	0.0	-8.9	0.0	-13.9	0.0	0.0
2 *	0.0	-8.9	0.0	0.0	0.0	0.0
Frame Column	Horiz	Vert	Horiz	Horiz	Horiz	Horiz
Line	Wind	R2	Wind	Wind2	Seismic L	Seismic R
2 *	1.6	-1.1	-1.1	-0.9	-0.1	0.0
2 *	5.3	-6.3	1.1	-5.7	-0.1	0.0
2 *	0.0	-8.9	0.0	-13.9	0.0	0.0
2 *	0.0	-8.9	0.0	0.0	0.0	0.0
Frame Column	Horiz	Vert	Horiz	Horiz	Horiz	Horiz
Line	Wind	R2	Wind	Wind2	F1PAT L1	F1PAT L2
2 *	-0.2	0.0	-0.1	-0.2	1.1	1.1
2 *	0.1	-2.1	0.2	0.1	-1.1	-0.8
2 *	0.0	-0.3	0.0	-0.3	-1.1	8.0
2 *	0.0	-0.3	0.0	0.0	10.3	10.3
Frame lines:	2	3				

Firm	Col	LnWind2	Seis_L	Seis_R	-LWIND1_L	-LWIND1_R	-LWIND2_L	-LWIND2_R	LnWind1
1	Line	Ver	Ver	Ver	Horz	Ver	Horz	Ver	Ver
1	A	-1.8	0.0	0.0	0.0	0.0	-0.9	0.0	-3.1
1	C	-4.0	0.0	0.0	0.0	0.0	-0.5	0.0	-6.9
1	E	-1.4	0.0	0.0	0.0	0.0	0.2	0.0	-2.5
1	G	-1.4	0.0	0.0	0.0	0.0	-0.1	0.0	-2.5
1	J	-4.0	0.0	0.0	0.0	0.0	0.0	0.0	-6.9
1	L	-1.8	0.0	0.0	0.0	-0.9	0.0	-0.9	-3.1

Frm	Col	Dead	Collct	Live	Rafter Wind_L	Rafter Wind_R	Braze Wind_L	Braze Wind_R	Wind_P	Wind_S	LnWind1	LnWind2	Seis_L
Line	Vert	Vert	Vert	Vert	Vert	Vert	Vert	Vert	Horz	Horz	Vert	Vert	Vert
4	L	0.6	0.4	2.5	-2.7	-1.6	-2.7	-1.6	-1.3	1.5	-2.1	-1.2	0.0
4	K	1.3	1.0	6.2	-7.1	-4.1	-4.1	-4.1	-2.8	2.8	-5.4	-3.2	0.0
4	H	1.2	0.9	5.4	-4.3	-3.4	-4.3	-3.4	-2.7	3.0	-4.7	-2.7	0.0
4	D	1.2	0.9	5.4	-3.4	-4.3	-4.3	-4.3	-2.7	3.0	-4.7	-2.7	0.0
4	B	1.3	1.0	6.2	-4.1	-7.1	-4.1	-7.1	-2.7	2.8	-5.4	-3.2	0.0
4	A	0.6	0.4	2.5	-1.6	-2.7	-1.6	-2.7	-1.3	1.5	-2.1	-1.2	0.0
Frm Line	Col	Seis_R	E2PAT_LL_1	E2PAT_LL_2	E2PAT_LL_3	E2PAT_LL_4	E2PAT_LL_5	E2PAT_LL_6					
4	L	0.0	0.0	0.0	0.0	0.0	0.0	-0.2	0.0	2.6	0.0	-0.3	0.0
4	K	0.0	0.0	3.0	0.0	3.2	0.0	2.6	0.0	3.2	0.0	3.1	0.0
4	K	0.0	0.0	2.7	0.0	2.7	0.0	6.4	0.0	2.0	0.0	2.9	0.0
4	H	0.0	0.0	2.7	0.0	2.7	0.0	2.2	0.0	6.4	0.0	2.2	0.0
4	D	0.0	0.0	2.7	0.0	2.7	0.0	2.0	0.0	2.0	0.0	2.2	0.0
4	B	0.0	0.0	3.0	0.0	3.2	0.0	3.1	0.0	2.6	0.0	6.6	0.0
4	A	0.0	0.0	2.6	0.0	-0.3	-0.3	0.0	0.0	-0.2	0.0	2.2	0.0
Frm Line	Col	-LWIND1_L-	-LWIND1_R-	-LWIND2_L-	-LWIND2_R-								
4	L	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
4	L	-0.8	0.0	-0.8	-0.8	0.0	0.0	0.0					
4	K	0.0	0.0	0.0	0.0	0.0	0.0	0.0					
4	K	-0.5	0.0	0.0	0.0	-0.5	0.0	0.0					
4	H	0.0	0.0	0.0	0.0	0.1	0.0	0.0					
4	D	0.0	0.0	0.0	0.0	0.0	0.0	0.1					
4	B	0.0	0.0	0.0	0.0	0.0	0.0	-0.5					
4	A	0.0	0.0	0.0	0.0	0.0	0.0	-0.8					

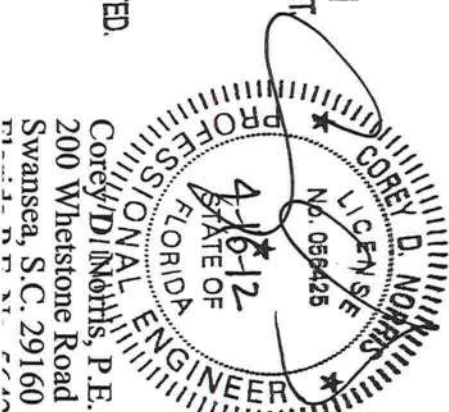
		± Reactions (k)				Panel Shear (lb/ft)
		Wind		Seismic		
Wall	Col	Horz	Vert	Horz	Vert	
Loc Line	Line					
L_EW 1	Bracing	In Roof	To Rigid	Frame		
F_SW 2	2.5	4.7	0.0	0.0		
R_EW 4	K 1.1	1.3	0.0	0.0		
B_SW A	3.2	9.3	4.7	0.0	0.0	

FOR CONSTRUCTION

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APR 16 2012

YOUR BUILDING IS BEING FABRICATED



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: (260) 857-7891 FAX: (260) 857-7384
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1050 WATERY LANE, BRIGHAM CITY, UT 84302
PHONE: (801) 918-3100 FAX: (801) 918-3101

PROJECT NAME:
FORT WHITE FD

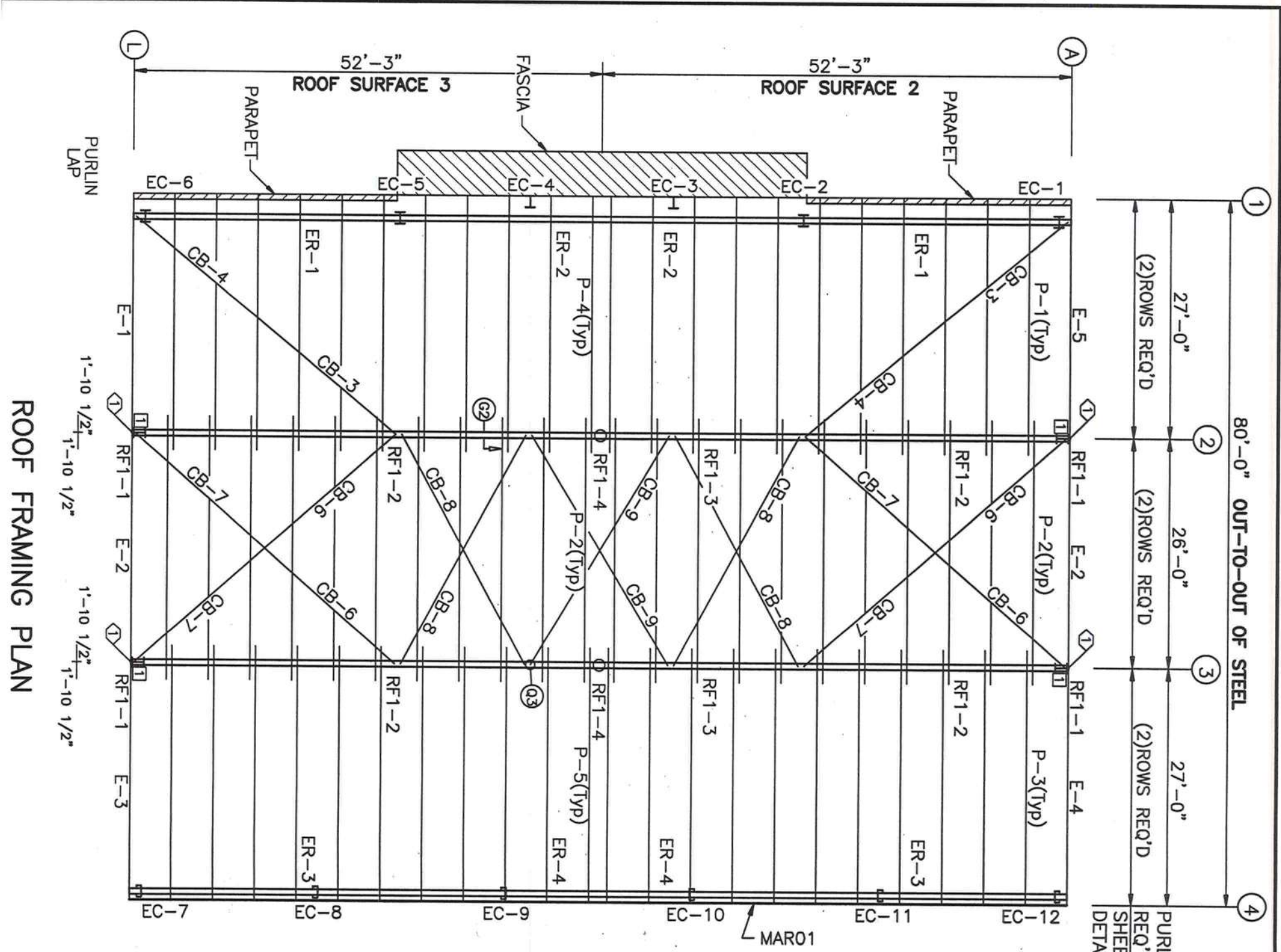
FORT WHITE, FL 32038

CUSTOMER:
PIONEER CONSTRUCTION SERVICE INC.
ORLANDO, FL 32835

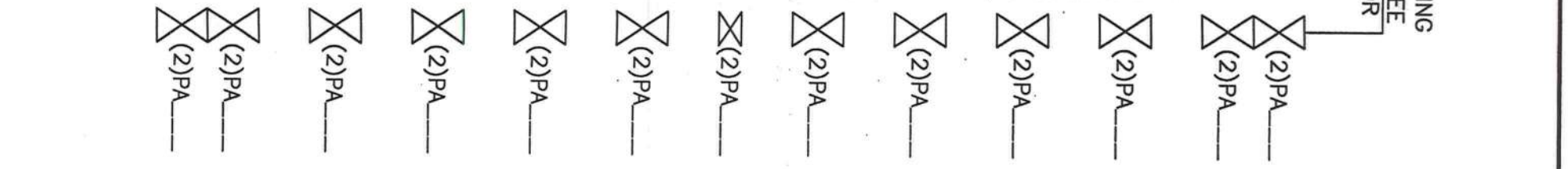
S12J0199A

SHEET NO:
R1 of 1

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ROOF FRAMING PLAN



- 1. PLACE TAGGED END OF RAFTERS TOWARDS THE LOW EAVE.
- 2. 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
- 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.

SPECIAL BOLTS

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

MEMBER TABLE

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	323.500
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

Q 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 = 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

FOR CONSTRUCTION

THIS IS NOT AN APPROVAL SET.

APR 16 2012

COREY D. NORRIS
FLORIDA
ENGINEER
No. 006425

YOUR BUILDING IS BEING FABRICATED.

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

NUCOR BUILDING SYSTEMS

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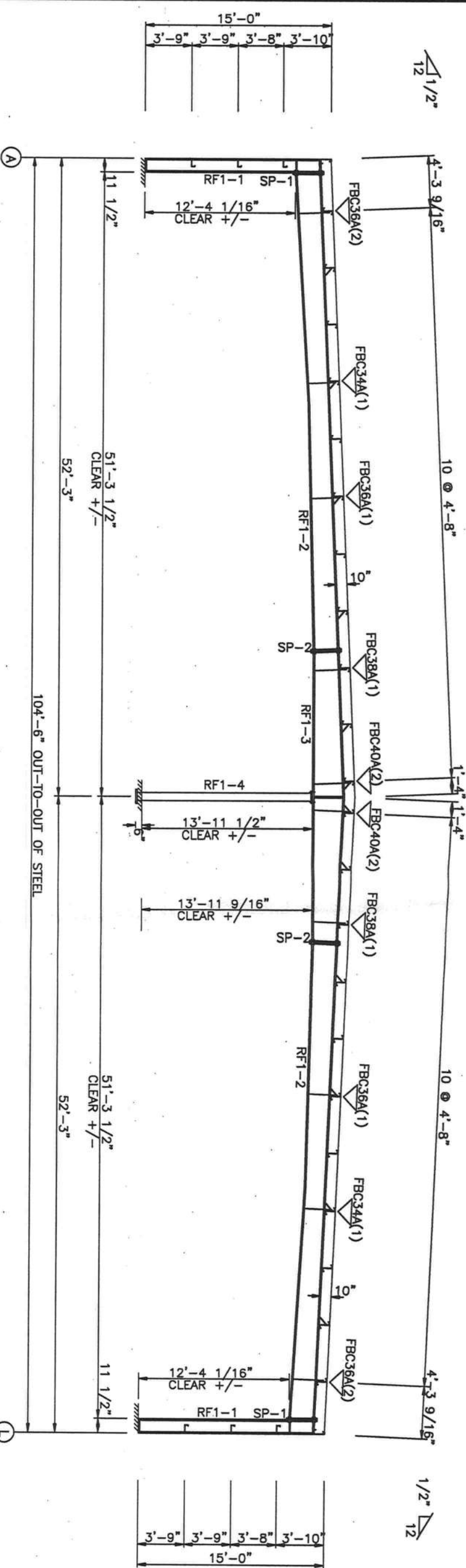
JOB NUMBER:
S12J0199A

SHEET NO.:
E1

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

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

MEMBER TABLE									
Mark	Web Depth		Web Plate		Outside Flange		Inside Flange		
	Start/End	Thick	Length	W x Thk x Length	W x Thk x Length				
RF1-1	10.9/10.9	0.150	169.8	5 x 1/4" x 169.4 8 x 1/4" x 11.1 6 x 5/16" x 470.0	5 x 3/8" x 144.7				
RF1-2	22.0/18.0 18.0/22.0	0.150	230.9 240.0	6 x 1/4" x 144.7	6 x 3/16" x 230.9 6 x 1/4" x 240.0				
RF1-3	22.0/28.0	0.188	289.1	6 x 1/4" x 144.7	6 x 3/8" x 287.2				
RF1-4	P6x134								



RIGID FRAME ELEVATION: FRAME LINE 2 3

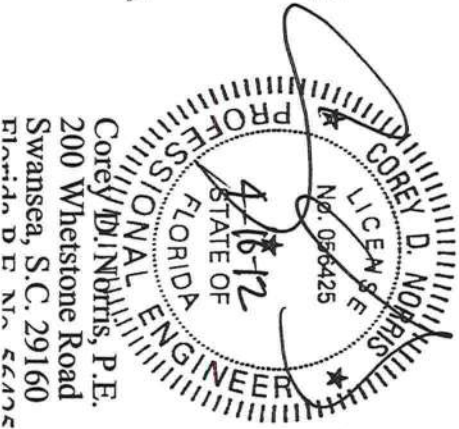
GENERAL NOTES

- 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
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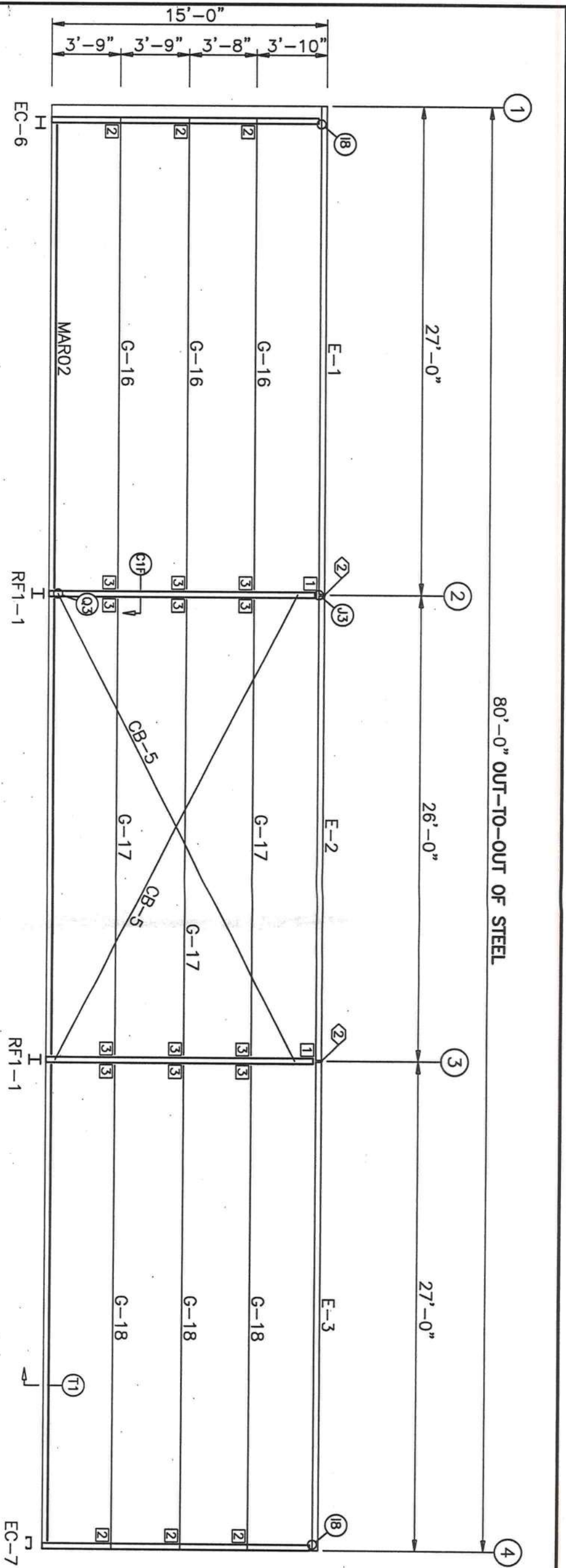
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YOUR BUILDING IS BEING FABRICATED.



Corey D. Norris, P.E.
200 Whetstone Road
Swansea, S.C. 29160
Florida D.E. No. 46402

PROJECT NAME:		CUSTOMER:		DATE	
FORT WHITE FD		PIONEER CONSTRUCTION SERVICE INC.		04/10/12	
FORT WHITE, FL 32038		ORLANDO, FL 32835		04/16/12	
JOB NUMBER:		SHEET NO.:		DATE	
S12J0199A		E2		04/16/12	
THIS SEAL PERTAINS ONLY TO THE MATERIALS DESIGNED AND SUPPLIED BY NUCOR BUILDING SYSTEMS. A NUCOR BUILDING SYSTEMS, A DIVISION OF NUCOR CORPORATION, HAS REVIEWED THIS DRAWING AND APPROVED THE PRODUCT OF NUCOR BUILDING SYSTEMS. THE REGISTERED SEAL APPEARS ON THESE DRAWINGS IS EVIDENCED BY NUCOR BUILDING SYSTEMS. IT IS NOT TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF NUCOR BUILDING SYSTEMS.		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) 918-3100 FAX: (435) 918-3101	



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		
Q ID	QUAN	TYPE
1	1	ESC05
2	2	GCC03
3	3	GFI01

FOR CONSTRUCTION
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200 Whetstone Road
Swansea, S.C. 29160

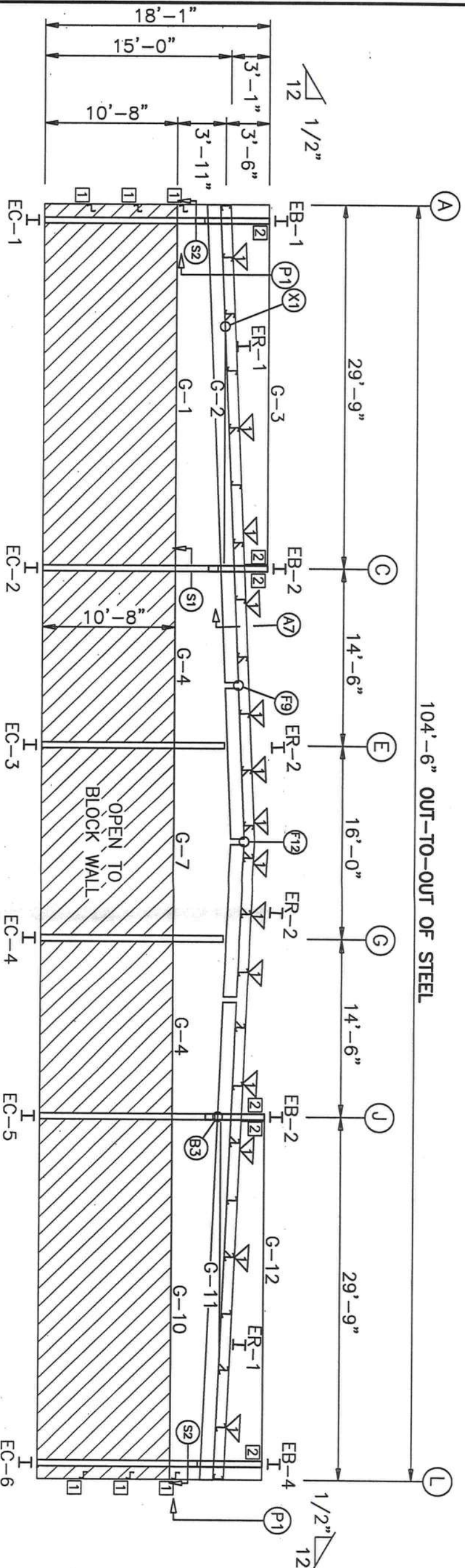
PROFESSIONAL ENGINEER
FLORIDA
4/16/12
NE 066425

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

PROJECT NAME:		FORT WHITE FD
JOB NUMBER:		S12J0199A
SHEET NO:		E3
CUSTOMER:		PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835

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) 566-2100 FAX: (803) 566-2121	
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	

THIS SEAL REMAINS VALID TO THE DATE OF THE EXPIRATION OF THE LICENSE OF THE ENGINEER. ANY SEAL OR SIGNATURE OF THE ENGINEER OR ANY SEAL OR SIGNATURE OF THE ENGINEER OR ANY SEAL OR SIGNATURE OF THE ENGINEER IS VOID IF IT IS NOT USED IN CONNECTION WITH THE PROJECT. ANY SEAL OR SIGNATURE OF THE ENGINEER OR ANY SEAL OR SIGNATURE OF THE ENGINEER IS VOID IF IT IS NOT USED IN CONNECTION WITH THE PROJECT. ANY SEAL OR SIGNATURE OF THE ENGINEER OR ANY SEAL OR SIGNATURE OF THE ENGINEER IS VOID IF IT IS NOT USED IN CONNECTION WITH THE PROJECT.



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.
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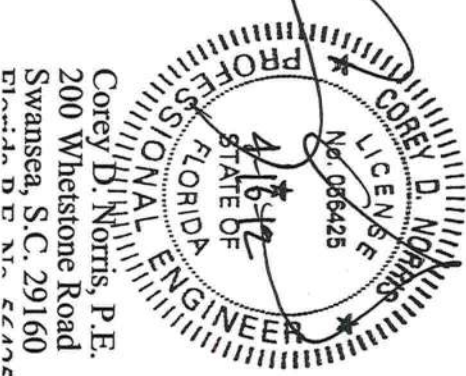
MEMBER TABLE		
FRAME LINE 1		
MARK	PART	LENGTH
EB-1	W8x24	74.862
EB-2	W8x24	60.653
EB-4	W8x24	74.862
EC-1	W8x18	160.759
EC-2	W8x18	174.967
EC-3	W8x24	182.243
EC-4	W8x24	182.243
EC-5	W8x18	174.967
EC-6	W8x18	160.759
ER-1	W1015625	471.627
ER-2	W1015625	155.667
G-1	C8x11.5	347.750
G-2	08Z105	328.250
G-3	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		
ID	MARK/PART	
1	GCC03	
2	FGC01	
FLANGE BRACE TABLE		
FRAME LINE 1		
VID	QUAN	MARK
1	14	FBC30
BOLT TABLE		
FRAME LINE 1		
LOCATION	QUAN	TYPE DIA
ER-1/ER-2	4	A325 1/2"
ER-2/ER-2	4	A325 1/2"
Columns/Raf	4	A325 1/2"
EB-1	8	A325 5/8"
EB-2	8	A325 5/8"
EB-4	8	A325 5/8"

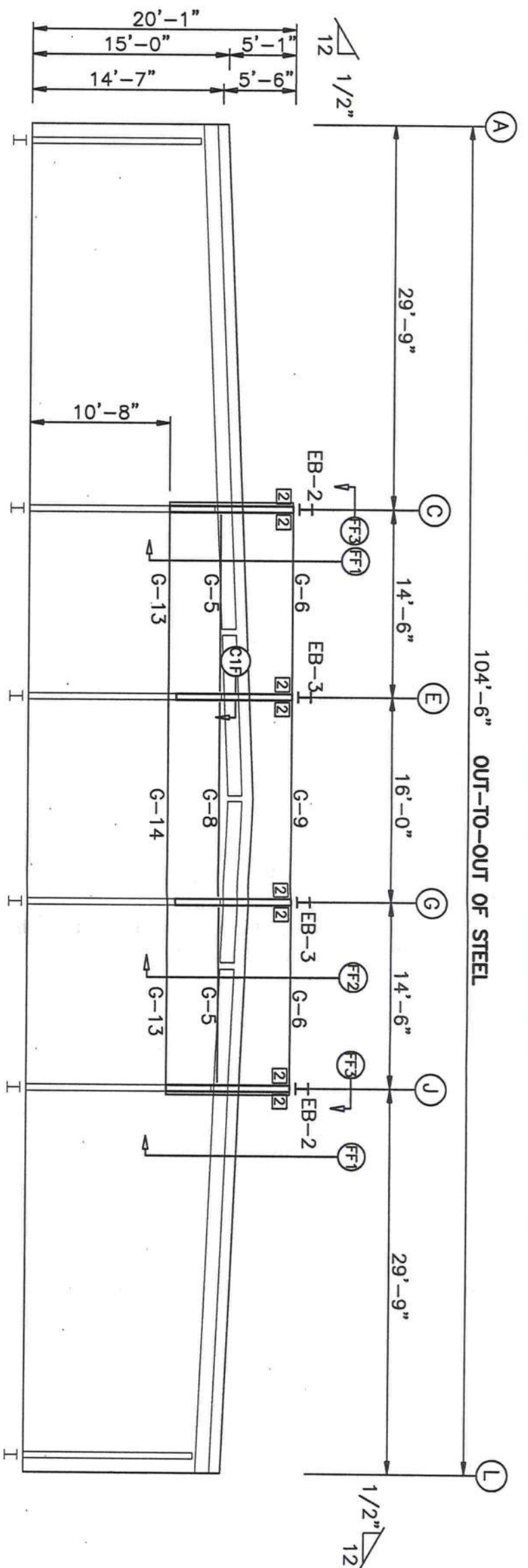
FOR CONSTRUCTION
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APR 16 2012

YOUR BUILDING IS BEING FABRICATED.



PROJECT NAME: FORT WHITE FD FORT WHITE, FL 32038	CUSTOMER: PIONEER CONSTRUCTION SERVICE INC. ORLANDO, FL 32835	NUCOR BUILDING SYSTEMS 305 INDUSTRIAL PARKWAY, WATERLOO, IN 46793 PHONE: (280) 837-7891 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 75160 PHONE: (972) 524-5407 FAX: (972) 524-5417 1080 WATERY LANE, BRIGHAM CITY, UT 84302 PHONE: (435) 919-3100 FAX: (435) 919-3101	ISSUE Construction Anchor Bolts Revised Anchor Bolts Permits	OWN MBS MBS MBS	CHK MAR VMS VMS	ENG RSP RSP RSP	P.E. CDN	DATE 04/10/12 04/16/12 04/16/12
JOB NUMBER: S12J0199A								
SHEET NO: E5								



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

CONNECTION PLATES		
FRAME LINE 1		
ID	MARK/PART	
1	GCC03	
2	FGC01	
BOLT TABLE		
FRAME LINE 1		
LOCATION	QUAN	TYPE DIA LENGTH
EB-2	8	A325 5/8" 2 1/4"
EB-3	8	A325 5/8" 2 1/4"

FOR CONSTRUCTION
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YOUR BUILDING IS BEING FABRICATED.

COREY D. NORRIS
No. 0066425
FLORIDA
PROFESSIONAL ENGINEER

Corey D. Norris, P.E.
200 Whetstone Road
Swansea, S.C. 29160
PH: 803.568.2100 FAX: 803.568.2121

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

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

(UNLESS NOTED OTHERWISE ON DRAWINGS)

WELD ELECTRODES USED FOR THE SHAW (OR STICK) WELD PROCESS MUST BE 70 KSI/483 MPa MATERIAL AND LOW HYDROGEN CONTENT.

RECOMMENDATIONS

PREPARATION OF WELD AREA

METHOD; BURNING THE ZINC AWAY OR PUSHING BACK THE MOLTEN ZINC FROM THE WELD AREA ARE ALSO EFFECTIVE.

TOUCH-UP OF WELD AREA

METHODS ARE CAPABLE OF BUILDING A PROTECTIVE LAYER TO THE THICKNESS REQUIRED BY ASTM A 780.

SAFETY & HEALTH

APPLIED BY THE PARTICULAR WELDING PROCESS. IN ANY EVENT, GOOD VENTILATION MINIMIZES THE AMOUNT OF EXPOSURE TO FUMES.

INFORMATION ON THE PROTECTION OF PERSONNEL AND THE GENERAL AREA, VENTILATION AND FIRE PREVENTION.

INFORMATION COURTESY OF AMERICAN GALVANIZERS ASSOCIATION

REQUIREMENTS ERECTOR NOTE
(UNLESS NOTED OTHERWISE ON DRAWINGS)

SIDES (NOTE LAPPED ZEE MEMBER EXCEPTION).

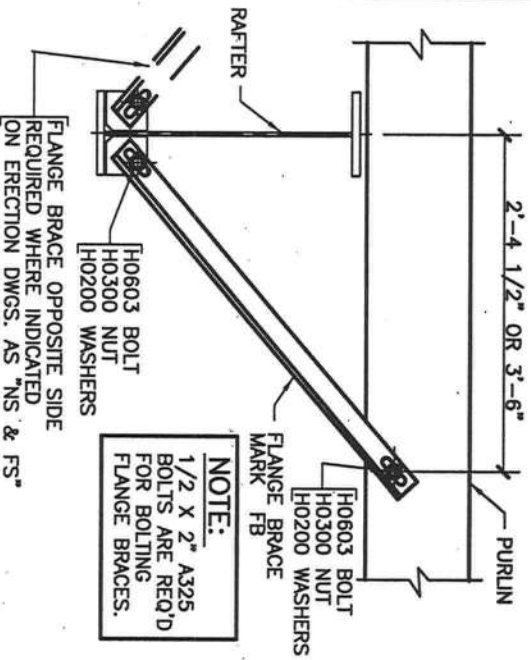
WASHER
ONE WASHER REQUIRED ON
SLOTTED SIDE ONLY.



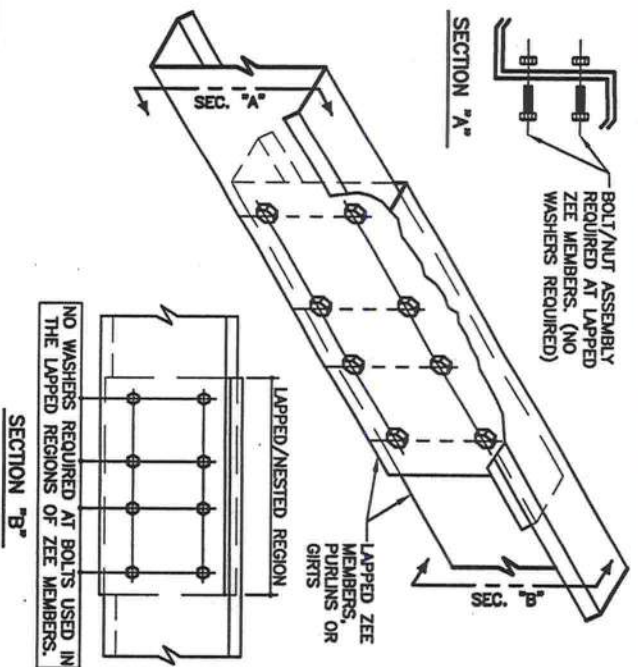
NO WASHERS ARE REQUIRED WHEN SLOTS ARE NOT USED.

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			



NOTE: SEE PLANS AND ELEVATIONS FOR
FLANGE BRACE PART MARKS

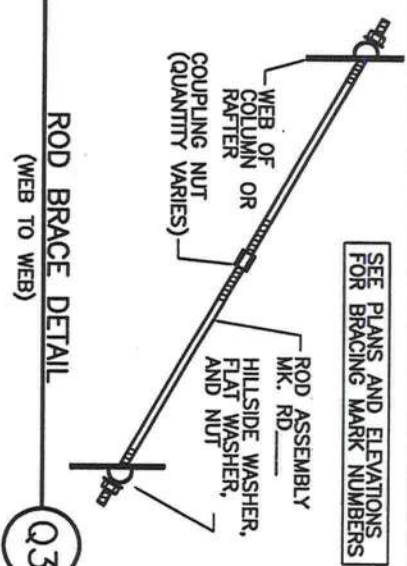


NOTE:
1/2" X 2" A325 BOLTS
ARE REQ'D FOR
FLANGE BRACES.

REQUIRED WHERE INDICATED
ON ERECTION DWGS. AS "NS & FS"

**NOTE: SEE PLANS AND ELEVATIONS FOR
FLANGE BRACE PART MARKS**

ROD DIAMETER	MARK NUMBER	HILSLIDE WASHERS	FLAT WASHERS	A307/A325 NUTS	COUPLING NUTS
5/8" Ø	RDB ____	(2) H0930	(2) H0210	(2) H0310	H0810
3/4" Ø	RDC ____	(2) H0930	(2) H0220	(2) H0320	H0820
7/8" Ø	RDD ____	(2) H0930	(2) H0230	(2) H0330	H0830
1" Ø	RDE ____	(2) H0960	(2) H0240	(2) H0335	H0840
1 1/8" Ø	RDF ____	(2) H0960	(2) H0250	(2) H0450	H0850
1 1/4" Ø	RDG ____	(2) H0960	(2) H0260	(2) H0340	H0860



ROD BRACE DETAIL

(WEB TO WEB)

Q3

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 46783
PHONE: (280) 837-7891 FAX: (280) 837-7384
PO BOX 1008, 200 WHEATSTONE RD, SWANSEA, SC 29180
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PHONE: (872) 524-5407 FAX: (872) 524-5417
1050 WATER LANE, BIGHAM CITY, UT 84302
PHONE: (435) 918-3100 FAX: (435) 918-3101

PROJECT NAME:
FORT WHITE FD
FORT WHITE, FL 32038
CUSTOMER:
PIONEER CONSTR
ORLANDO, FL 32835

S12J0199A

SHEET NO:

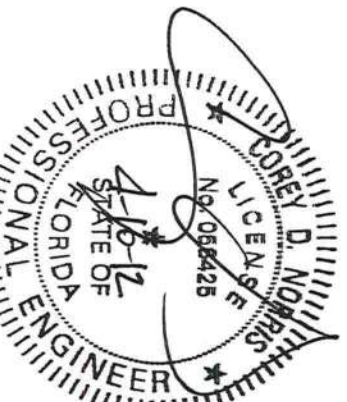
D1

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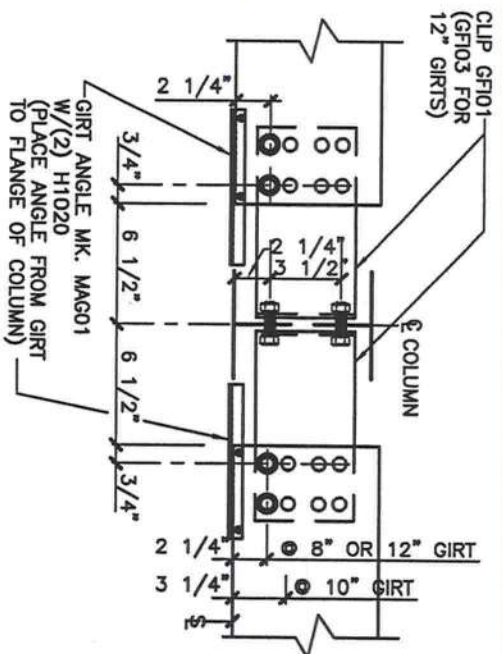
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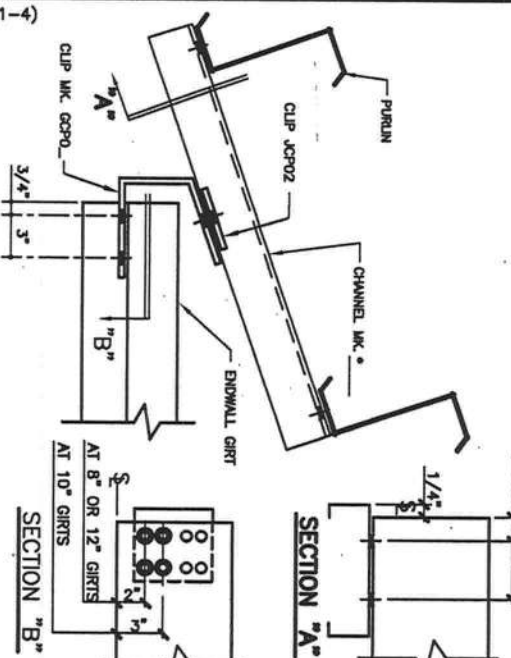


Corey D. Norris, P.E.
200 Whetstone Road
Swansea, S.C. 29160
Florida P.E. No. 5643



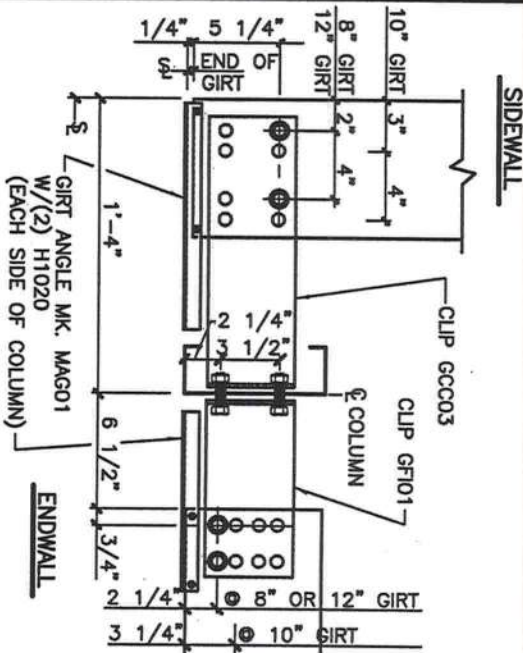
INSET GIRTS @ INTERIOR BAY COL.
C1f

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



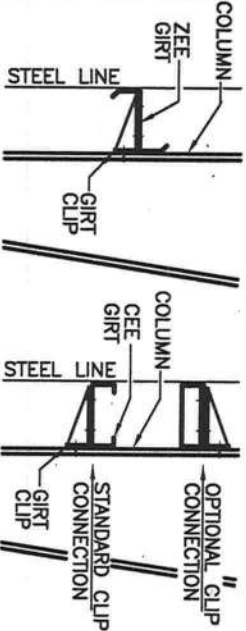
GIRT TO PURLIN CONN
X1

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



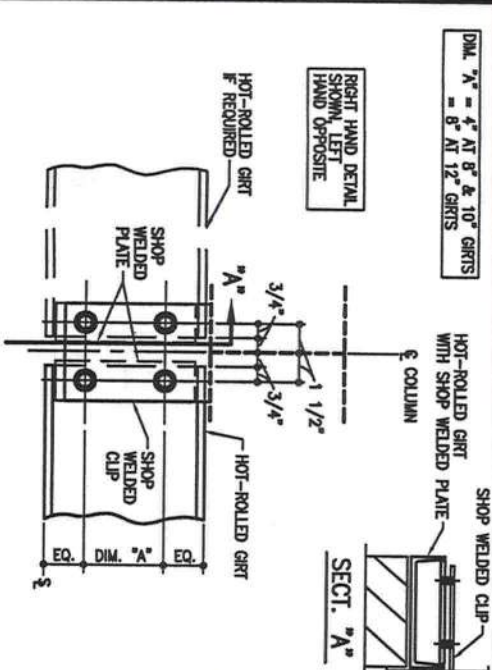
CORNER GIRTS DETAIL
D1f

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



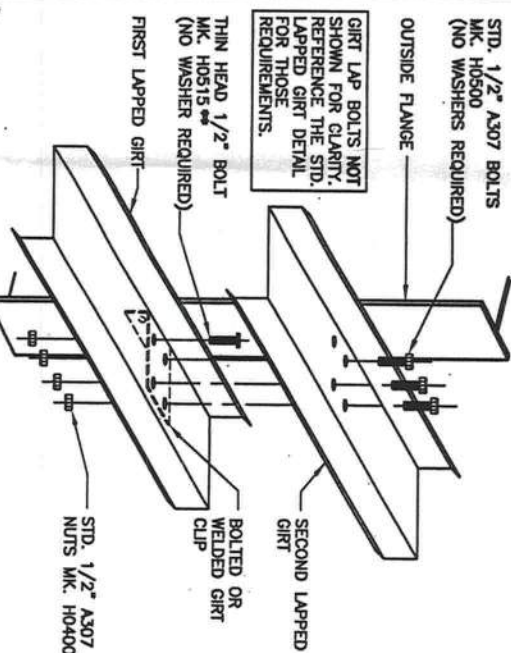
STANDARD GIRTS ORIENTATION DETAIL

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



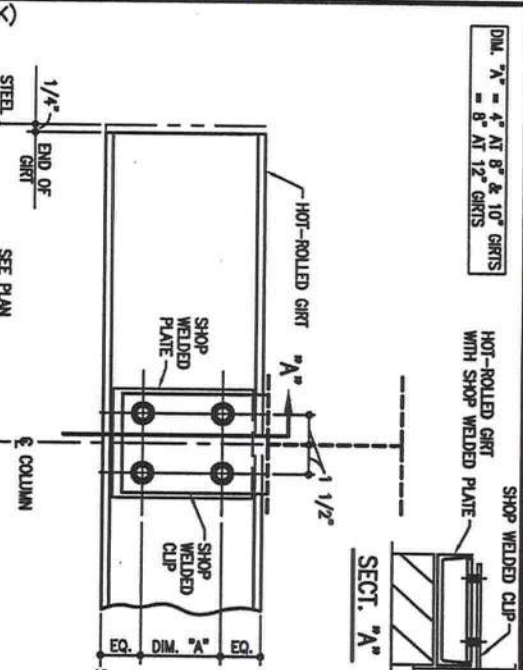
SW OR EW GIRTS DETAIL
S1

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



LAPPED GIRTS DETAIL

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



HOT-ROLLED GIRTS 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
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APR 16 2012

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YOUR BUILDING IS BEING FABRICATED

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

NUCOR BUILDING SYSTEMS
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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

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

JOB NUMBER: S12J0199A
SHEET NO: D6

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