

ANCHOR BOLT DIAMETERS HAVE BEEN DESIGNED BY THE METAL BUILDING MANUFACTURER BASED ON AISC METHOD WITH COMBINED SHEAR AND TENSION.

DEVELOPMENT, EMBEDMENT AND HOOK LENGTH OF ANCHOR BOLTS IN THE CONCRETE ARE DESIGN RESPONSIBILITY OF OTHERS. ALSO DESIGN OF SHEAR ANGLES, TENSION PLATES, HARBINGS, AND ANY OTHER EMBEDDED MATERIAL IN THE CONCRETE SHALL BE DESIGNED AND PROVIDED BY OTHERS.

NOTE: ANCHOR BOLT PROJECTION IS FROM BOTTOM OF BASE PLATE UNLESS GROUP IS REQUIRED.

ANCHOR BOLT DETAIL				
SYMBOL	DIA.	QTY.	LENGTH	HOOK
◆	1/2"	16		1 1/2"
◆	5/8"	92		2"
◆	3/4"	*		3 1/2"
◆	7/8"	*		3 1/2"
◆	1"	*		3 1/2"
◆	1 1/8"	*		3 1/2"
◆	1 1/4"	*		3 1/2"

* = DETERMINED BY OTHERS

DRAWING STATUS

FOR APPROVAL: THESE DRAWINGS, BEING FOR APPROVAL, ARE BY DEFINITION NOT FINAL, AND ARE FOR CONCEPTUAL REPRESENTATION ONLY. THEIR PURPOSE IS TO OBTAIN PROPER INTERPRETATION OF THE PROJECT FOR PROCEEDING AS COMPLETE.

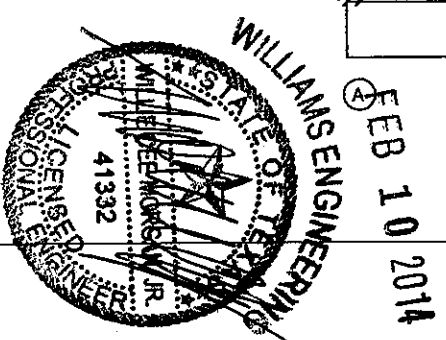
FOR PRELIMINARY: THESE DRAWINGS, BEING FOR PRELIMINARY, ARE BY DEFINITION NOT FINAL, IN THAT, AS A MINIMUM, THESE DRAWINGS ARE NOT IDENTIFIED, ONLY COMPLETE CONSTRUCTION CAN BE CONSIDERED AS FINAL DRAWINGS.

FOR CONSTRUCTION: THESE DRAWINGS, BEING FOR CONSTRUCTION, CAN BE CONSIDERED AS FINAL DRAWINGS.

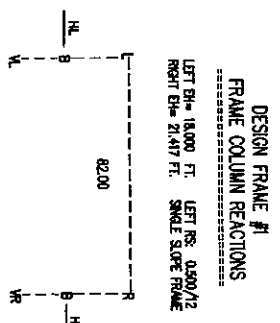
NO.	DATE	REVISION	BY	CRD
0	2/5/14	FOR CONSTRUCTION		

PRESTIGE CONTRACTORS SUPPLY, LLC
 936 HWY 190 EAST • HUNTSVILLE, TX 77340
 936-291-3777

ANCHOR BOLT SETTING PLAN
 SS-02-0 X 125'-0 X 21'-5 HS EH. 1/2"12 ROOF SLOPE
 CUSTOMER: JAM OAKRIDGE
 LOCATION: HUNTSVILLE, TX
 DATE: NONE
 SCALE: NONE
 DRAWN BY: NONE
 CHECKED BY: NONE
 DATE: NONE
 2014-002 F1 of 2



F-3172



DESIGN FRAME #1
FRAME COLUMN REACTIONS

BUILDING LOADS	COLUMN REACTIONS (KIPS)			
	HL	VL	HR	VR
DL	2.90	4.19	2.90	4.56
COL	2.38	3.07	2.38	3.08
LL	8.54	12.27	8.61	12.33
WL	-15.04	-17.13	-9.18	-14.90
WL1	-3.25	-8.17	-11.27	-11.08
WL2	-6.54	-8.75	-6.16	-9.02
WL3	-1.07	-3.32	-2.03	-3.67
WL4	-9.78	-16.37	-10.12	-15.56
WL5	-0.08	-0.04	0.07	0.04
WL6	0.08	0.04	-0.07	-0.04
WL7	-11.35	-10.33	-5.50	-8.45
WL8	0.49	-2.35	-7.54	-4.65
WL9	-10.22	-18.57	-9.83	-15.46
WL10	-4.81	-10.13	-5.78	-10.11
COMB # 1	14.82	19.53	14.80	19.97
COMB # 2	-13.30	-14.62	-7.43	-12.16
COMB # 3	-1.51	-6.66	-9.52	-8.34
COMB # 4	-8.03	13.99	-8.38	12.92

LOAD COMBINATIONS
 COMB # 1 1.00 X (DL + LL + COL)
 COMB # 2 1.00 X (0.60DL + WLL)
 COMB # 3 1.00 X (0.80DL + WLR)
 COMB # 4 1.00 X (0.80DL + WLR)

ENDWALL DESIGN SYSTEM
 *** RIGHT ENDWALL COLUMN DESIGN ***
 COLUMN REACTIONS

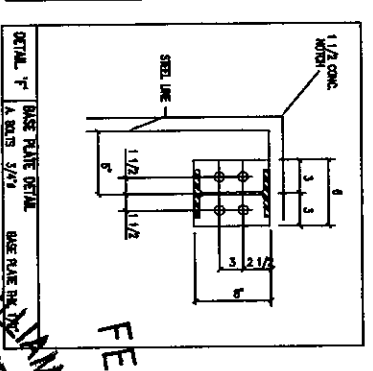
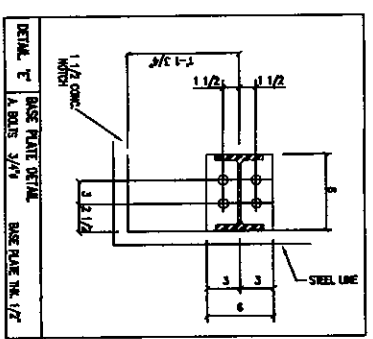
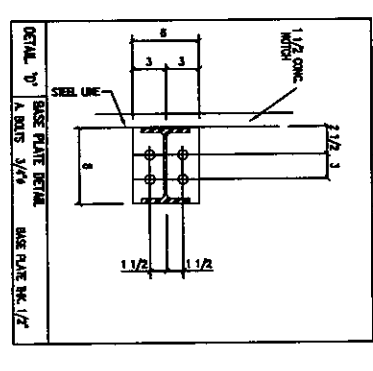
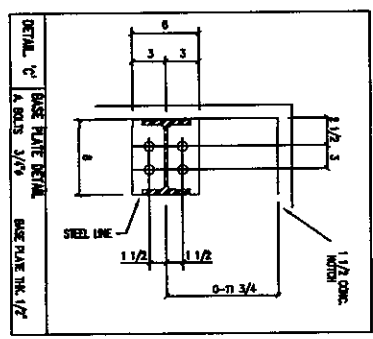
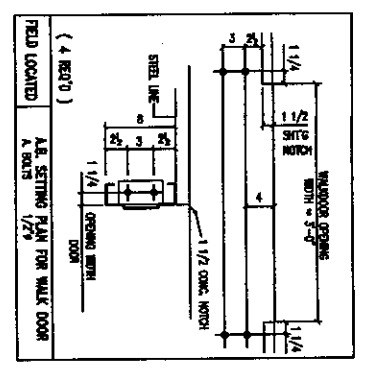
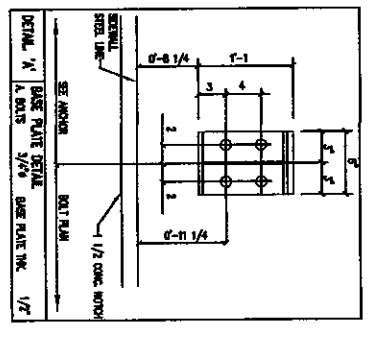
COLUMN LOCATIONS (FT) ARE FROM FRONT SIDEWALL.

APPLIED LOAD CASES AND COMBINATIONS	COL @ 18.17		COL @ 36.33		COL @ 54.50	
	HORIZ (KIPS)	VERT (KIPS)	HORIZ (KIPS)	VERT (KIPS)	HORIZ (KIPS)	VERT (KIPS)
DL	0.00	0.11	0.00	0.23	0.00	0.24
COL	0.00	0.00	0.00	0.00	0.00	0.00
LL	0.00	0.00	0.00	0.00	0.00	0.00
WL +	2.54	0.00	2.64	0.00	3.38	0.00
WL -	-2.82	0.00	-2.92	0.00	-3.75	0.00
DL + LL + COL	0.00	0.11	0.00	0.23	0.00	0.24
0.60DL + WLL	2.54	0.07	2.64	0.14	3.38	0.14
0.80DL + WLR	-2.82	0.07	-2.92	0.14	-3.75	0.14
DL + 0.75(LL+WL+)	1.91	0.11	1.98	0.23	2.53	0.24
DL + 0.75(LL+WL-)	-2.11	-0.11	-2.19	0.23	-2.81	0.24

ENDWALL DESIGN SYSTEM
 *** LEFT ENDWALL COLUMN DESIGN ***
 COLUMN REACTIONS

COLUMN LOCATIONS (FT) ARE FROM FRONT SIDEWALL.

APPLIED LOAD CASES AND COMBINATIONS	COL @ 0.00		COL @ 16.40		COL @ 32.80		COL @ 49.20		COL @ 65.60		COL @ 82.00	
	HORIZ (KIPS)	VERT (KIPS)	HORIZ (KIPS)	VERT (KIPS)	HORIZ (KIPS)	VERT (KIPS)	HORIZ (KIPS)	VERT (KIPS)	HORIZ (KIPS)	VERT (KIPS)	HORIZ (KIPS)	VERT (KIPS)
DL	0.00	0.32	0.00	0.77	0.00	0.79	0.00	0.80	0.00	0.90	0.00	0.51
COL	0.00	0.24	0.00	0.70	0.00	0.60	0.00	0.60	0.00	0.70	0.00	0.24
LL	0.00	1.61	0.00	4.62	0.00	3.97	0.00	3.97	0.00	4.62	0.00	1.61
WL +	1.98	-1.63	2.31	-4.67	2.39	-4.02	2.47	-4.02	2.55	-4.67	2.33	-1.63
WL -	-2.18	-1.63	-2.55	-4.67	-2.64	-4.02	-2.73	-4.02	-2.82	-4.67	-2.58	-1.63
DL + LL + COL	0.00	2.18	0.00	6.08	0.00	5.36	0.00	5.37	0.00	6.21	0.00	2.37
0.60DL + WLL	1.98	-1.43	2.31	-4.21	2.39	-3.54	2.47	-3.54	2.55	-4.13	2.33	-1.32
0.80DL + WLR	-2.18	-1.43	-2.55	-4.21	-2.64	-3.54	-2.73	-3.54	-2.82	-4.13	-2.58	-1.32
DL + 0.75(LL+WL+)	1.48	0.49	1.73	1.25	1.79	1.20	1.85	1.21	1.91	1.38	1.75	0.68
DL + 0.75(LL+WL-)	-1.64	0.49	-1.91	1.25	-1.98	1.20	-2.05	1.21	-2.11	1.38	-1.53	0.68
DL + A11.1 + COL	0.00	2.39	0.00	3.77	0.00	3.37	0.00	3.38	0.00	3.90	0.00	2.58
DL + A11.2 + COL	0.00	0.35	0.00	3.77	0.00	3.37	0.00	3.38	0.00	3.90	0.00	0.54
DL + A12.1 + COL	0.00	2.13	0.00	6.34	0.00	3.29	0.00	1.16	0.00	1.65	0.00	0.76
DL + A12.2 + COL	0.00	0.42	0.00	3.36	0.00	6.03	0.00	3.35	0.00	1.56	0.00	0.79
DL + A12.3 + COL	0.00	0.61	0.00	1.23	0.00	3.34	0.00	6.04	0.00	3.49	0.00	0.61
DL + A12.4 + COL	0.00	0.57	0.00	1.52	0.00	1.15	0.00	3.29	0.00	6.47	0.00	2.52



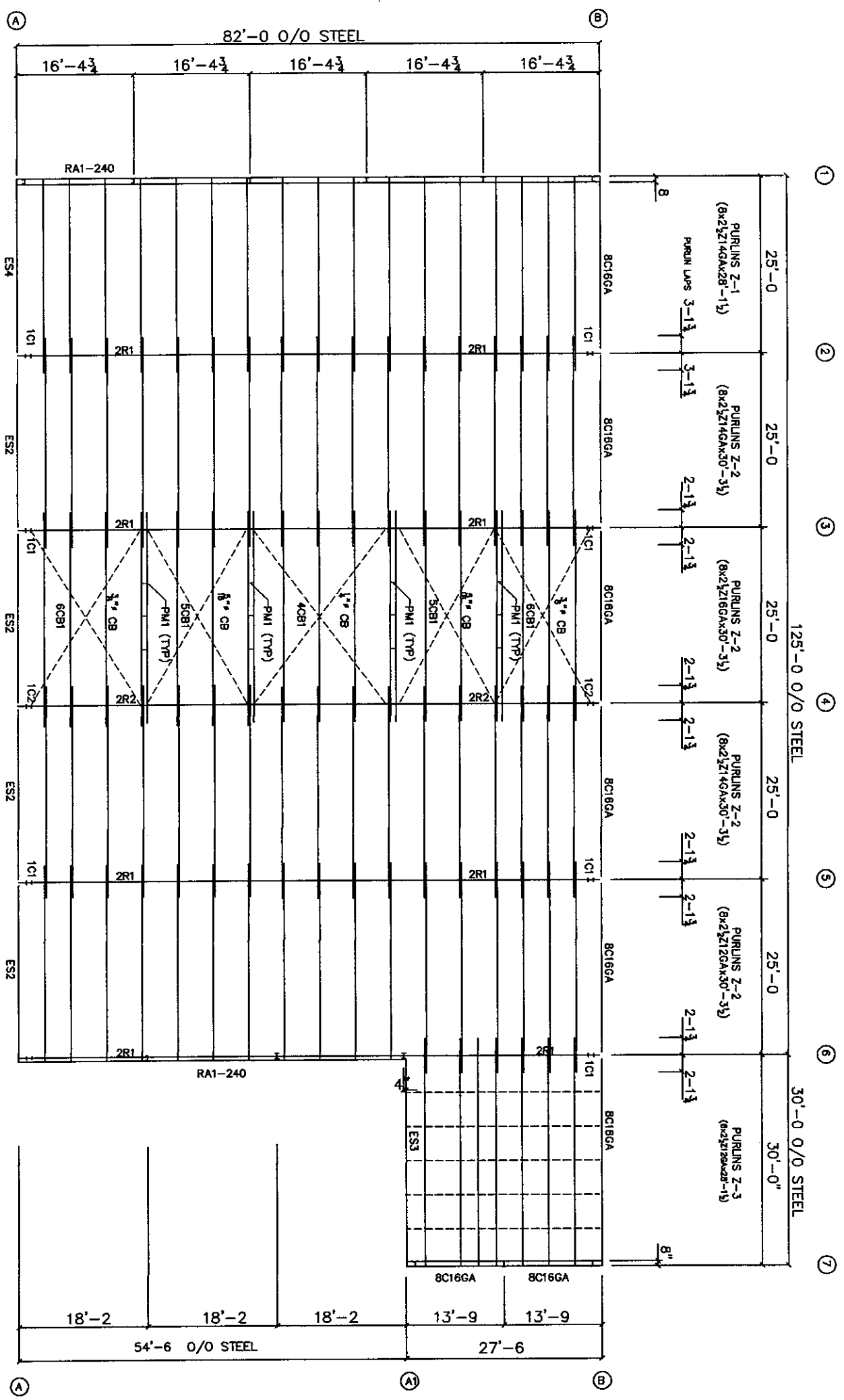
FEB 10 2014
 WILLIAMS ENGINEERING
 WILLIAMS ENGINEERING
 41332
 F-3172

NO.	DATE	REVISIONS	BY	CHKD.
0	2/3/14	FOR CONSTRUCTION		

PRESTIGE CONTRACTORS SUPPLY, LLC
 936 HWY 180 EAST • HUNTSVILLE, TX 77340
 936-291-3777

DESCRIPTION: ANCHOR BOLT SETTING PLAN
 SIZE: 3/8" - 0 X 125" - 0 X 21" - 5 HS E.H. @ 1/2" - 12 ROOF SLOPE
 CUSTOMER: JDM OAKRIDGE
 LOCATION: HUNTSVILLE, TX
 DATE: 2014-002
 SHEET NO.: F2 of 2

ROOF FRAMING PLAN



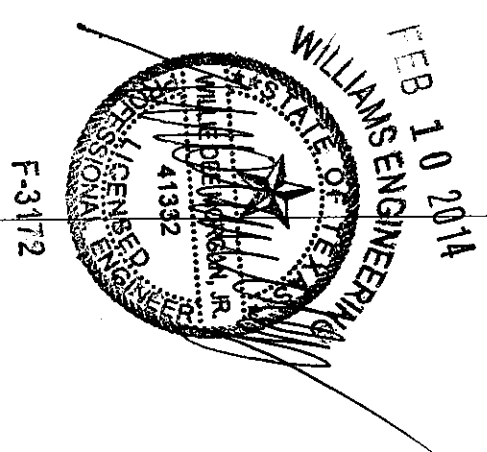
DESIGN LOADS
 DESIGN LOADS APPLIED TO THE STRUCTURE ARE AS FOLLOWS:

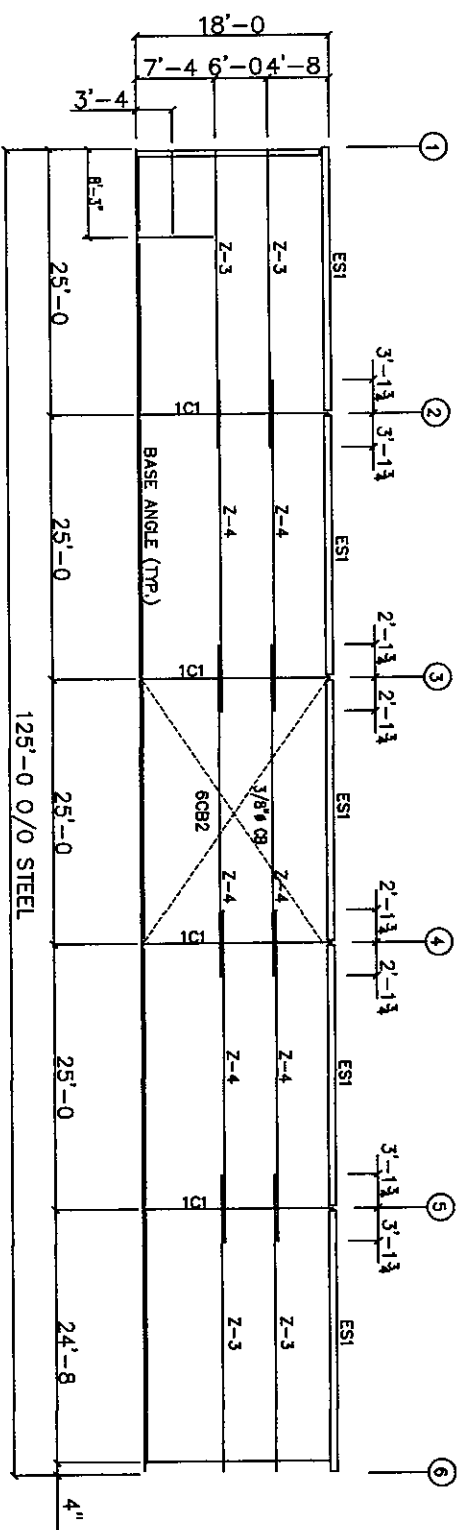
- ROOF LIVE LOAD..... 20 PSF REDUCIBLE
- GROUND SNOW LOAD..... 0 PSF
- WIND LOAD..... 110 MPH EXP B I = 1.00
- CRANE LOADS..... NONE
- SEISMIC LOADS..... ZONE 0
- COLLATERAL LOAD..... SA 8.3 ST 4.0
- DEAD LOAD..... SELF WEIGHT OF THE STRUCTURE
- FLOOR LIVE LOAD..... NONE

DESIGN REFERENCES
 COLD FORMED STEEL DESIGN MANUAL AISI, 2001
 STEEL CONSTRUCTION MANUAL THIRTEENTH EDITION, AISC
 INTERNATIONAL BUILDING CODE, 2006 EDITION

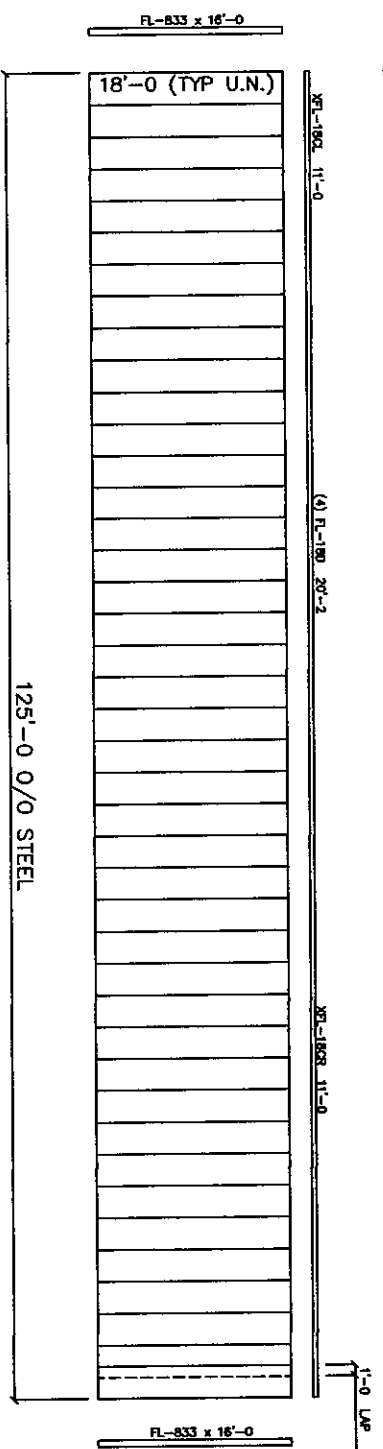
NO.	DATE	DESCRIPTION	BY	CHKD
0	2/23/14	FOR CONSTRUCTION		

PRESTIGE CONTRACTORS SUPPLY, LLC 938 HWY 190 EAST • HUNTSVILLE, TX 77340 936-291-3777	
DESCRIPTION	ERECTOR DRAWING
SIZE	SS-82'-0" X 125'-0" X 21'-5" HS E.H. • 1/2" I2 ROOF SLOPE
ORDER	JAN OAKRIDGE
LOCATION	HUNTSVILLE, TX
DATE	2014-002
SCALE	NONE
QUOTE NO.	
JOB NO.	
SHEET NO.	E1
ISSUE	0

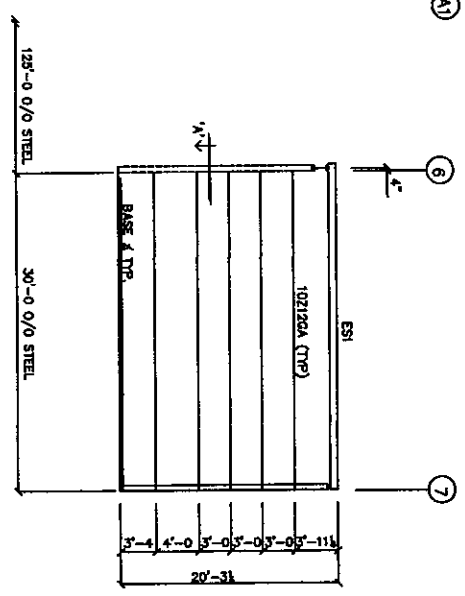
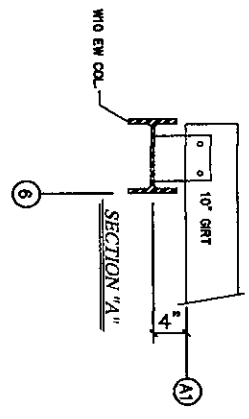




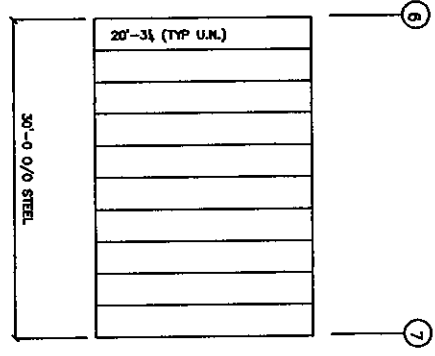
ELEVATION @ LINE "A"
FRONT SIDEWALL



SHEETING @ LINE "A"
FRONT SIDEWALL



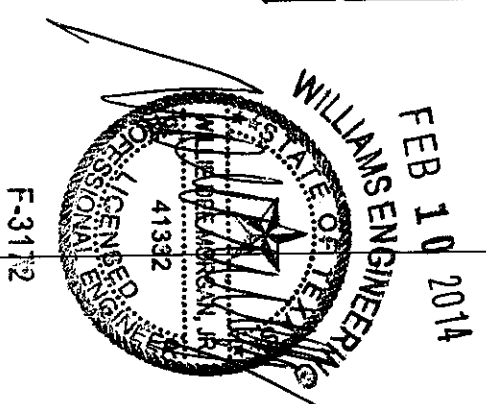
ELEVATION @ LINE "A"
FRONT SIDEWALL



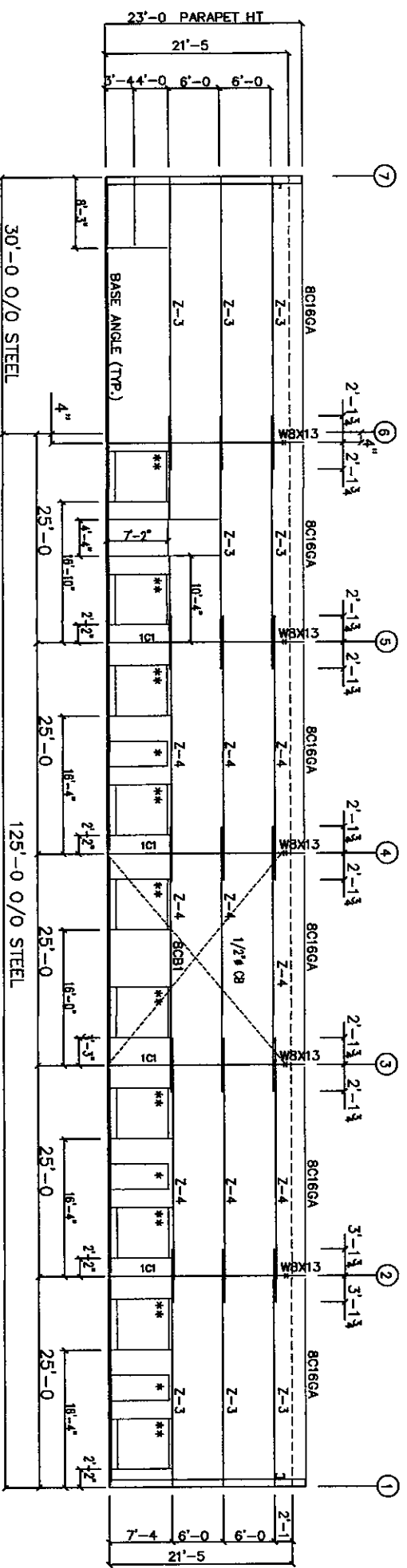
SHEETING @ LINE "A"
FRONT SIDEWALL

REVISIONS		DESCRIPTION	BY	DATE
0	2/2/14	FOR CONSTRUCTION	MMO/CPD	

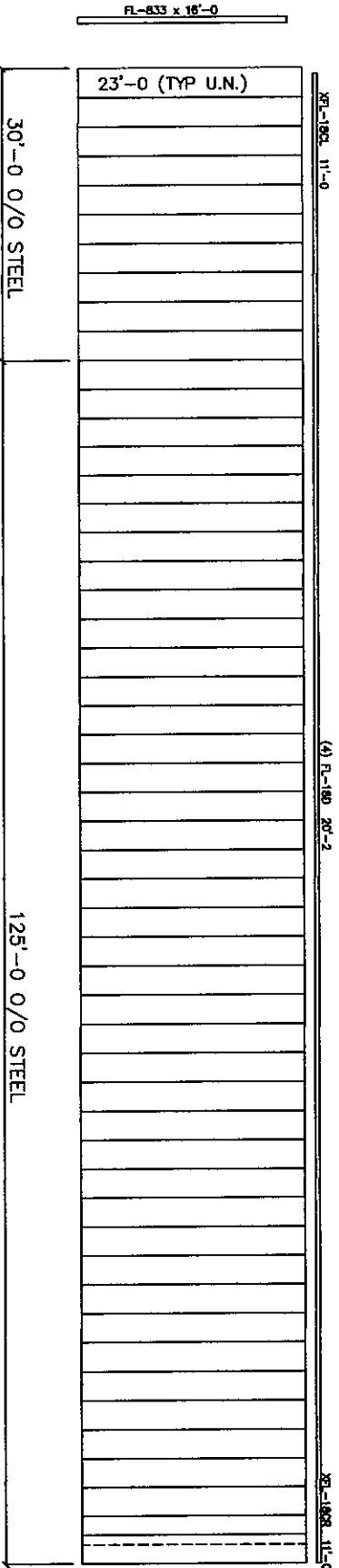
PRESTIGE CONTRACTORS SUPPLY, LLC		ERECTOR DRAWING	
936 HWY 180 EAST • HUNTSVILLE, TX 77340		JLM/DARGOISE	
936-291-3777		HUNTSVILLE, TX	
SS-82-0 X 125'-0 X 21'-3 HS EH	1/2:12 ROOF SLOPE	DATE	SCALE
2014-002	E2	2014-002	0



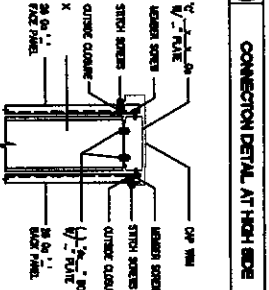
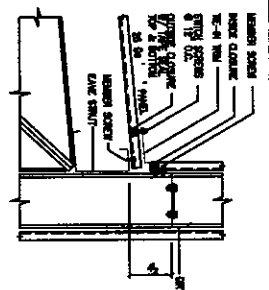
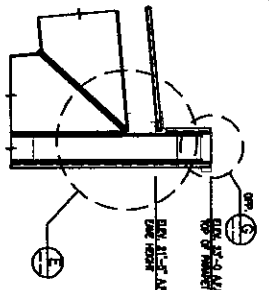
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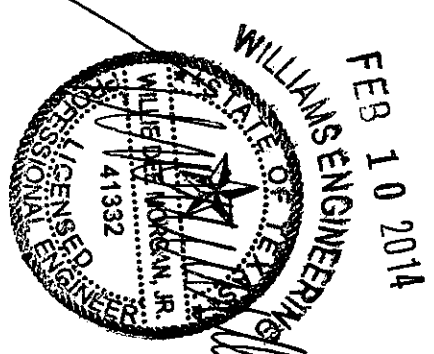
**=6'-0 X 6'-0 WINDOW W/ 1'-0 SILL HT
 *=FLD LOC. 3070 W.D.



SHEETING @ LINE "B"
 BACK SIDEWALL



CONNECTION DETAIL AT TOP



F-3172

PRESTIGE CONTRACTORS SUPPLY, LLC

936 HWY 190 EAST • HUNTSVILLE, TX 77340

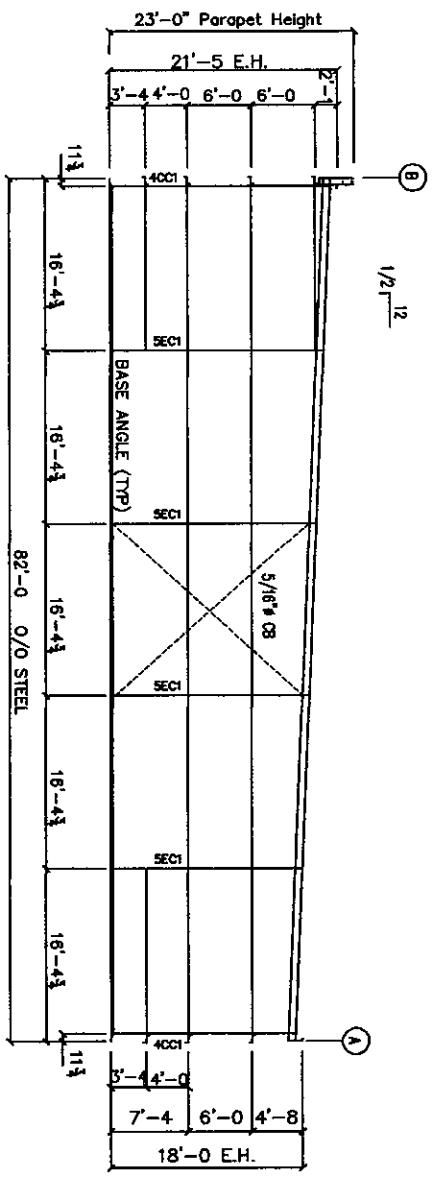
936-291-3777

NO.	DATE	DESCRIPTION	BY	CHKD
0	2/3/14	FOR CONSTRUCTION	TJMO	CSO

DESCRIPTION	ERECTOR DRAWING	SCALE	DATE	ISSUE
SS-02-0 X 123-0 X 21'-5 HS EH	1/2-12	ROOF SLOPE		

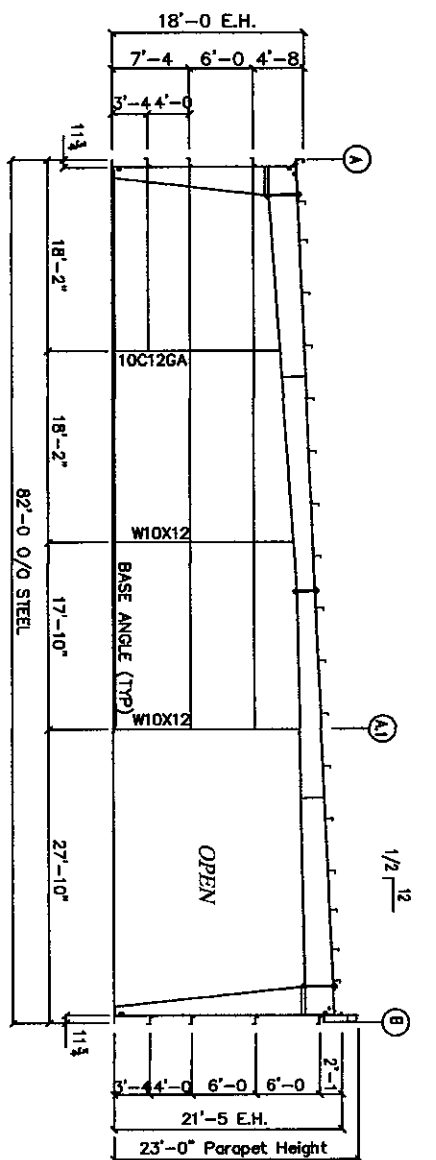
LOCATION	DATE	SCALE	DATE	SCALE
HUNTSVILLE, TX		NONE		

NO.	DATE	DESCRIPTION	BY	CHKD
0	2/3/14	FOR CONSTRUCTION	TJMO	CSO

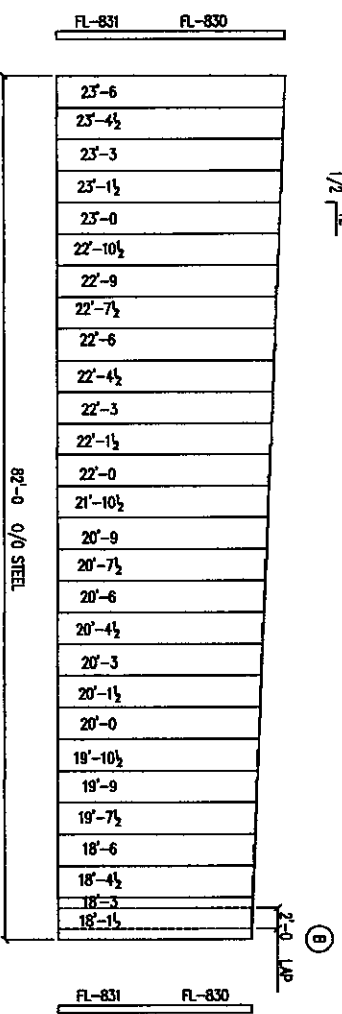


ELEVATION @ LINE "1"
LEFT ENDWALL

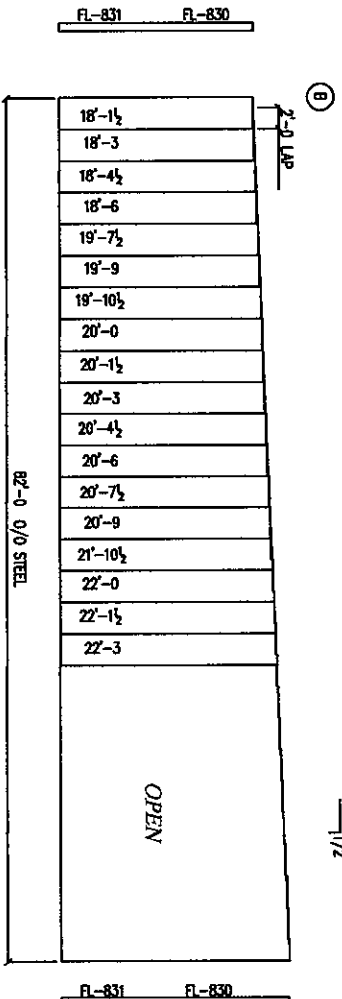
GIRTS = 82 1/2" X 14GA



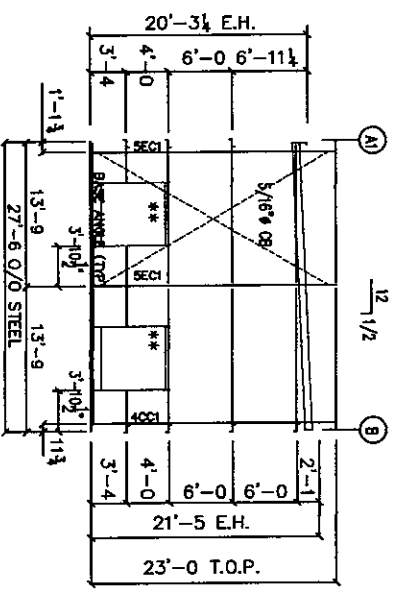
ELEVATION @ LINE "6"
RIGHT ENDWALL



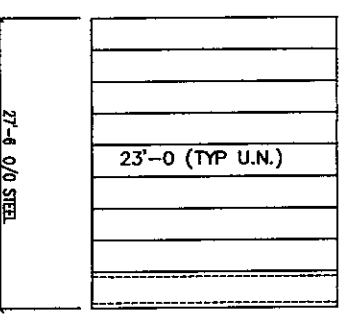
SHEETING @ LINE "1"
LEFT ENDWALL



SHEETING @ LINE "6"
RIGHT ENDWALL



ELEVATION @ LINE "8"
RIGHT ENDWALL

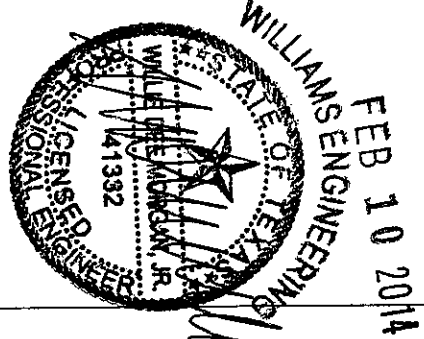


SHEETING @ LINE "8"
RIGHT ENDWALL

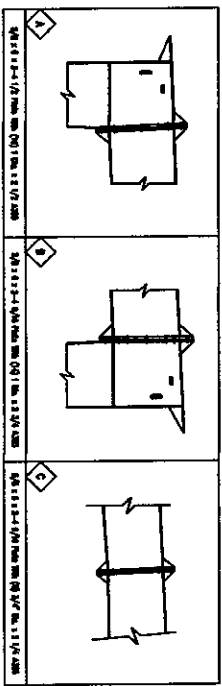
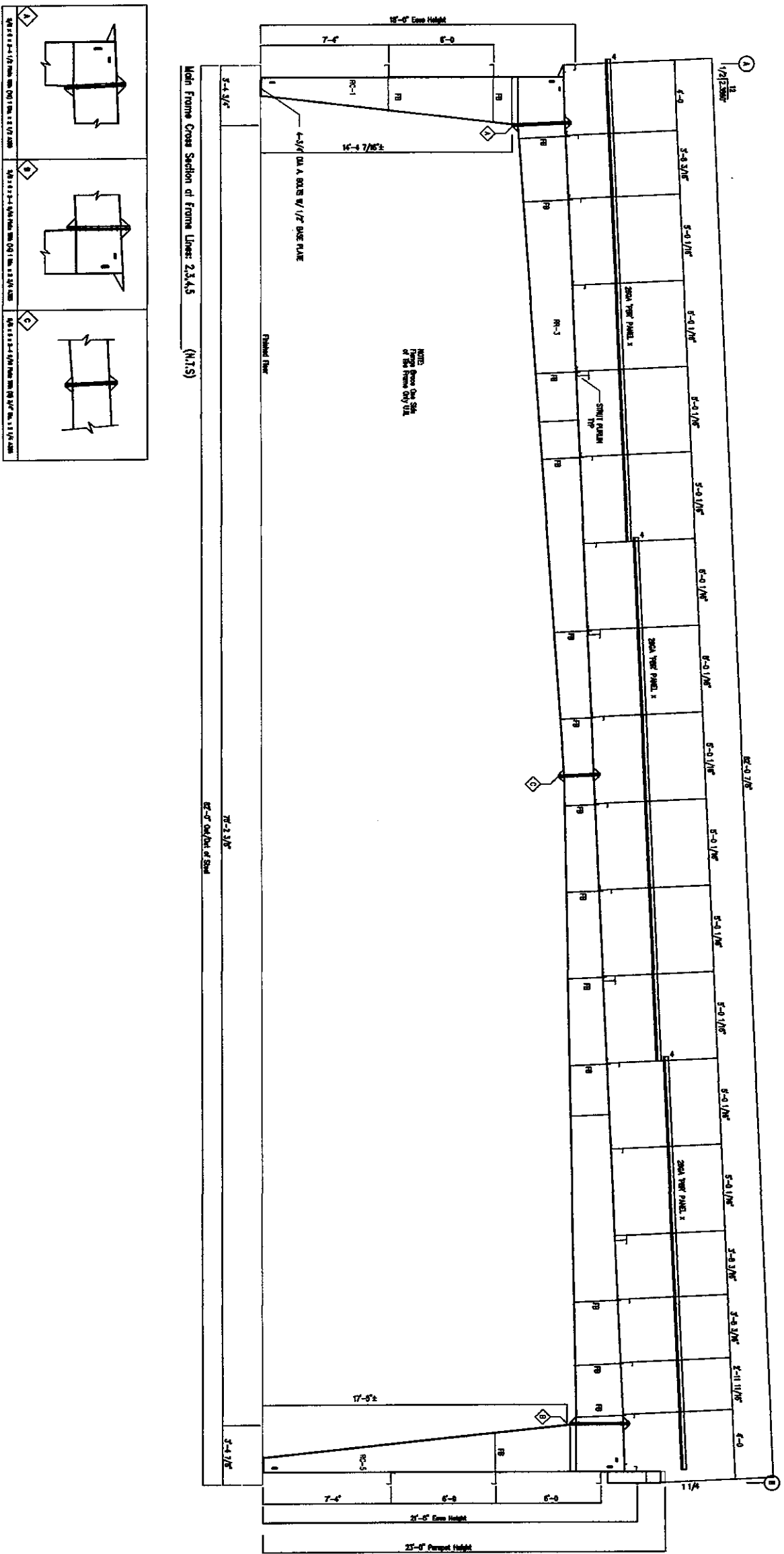
FIELD NOTE
FIELD SLOT GIRTS FOR CABLE BRACING.

NO.	DATE	REVISION	BY	APP'D
0	2/5/14	FOR CONSTRUCTION		

PROJECT	PRESTIGE CONTRACTORS SUPPLY, LLC
LOCATION	936 HWY 190 EAST • HUNTSVILLE, TX 77340
DESCRIPTION	ERECTOR DRAWING
SCALE	9/8" = 1'-0"
DATE	2/5/14
BY	JUN OAKRIDGE
CHECKED BY	HUNTSVILLE, TX
DATE	
SCALE	NONE
QUOTE NO.	
JOB NO.	2014-002
SHEET NO.	E4
TOTAL SHEETS	0



F-3172



Main Frame Cross Section of Frame Lines 2,3,4,5 (N17S)

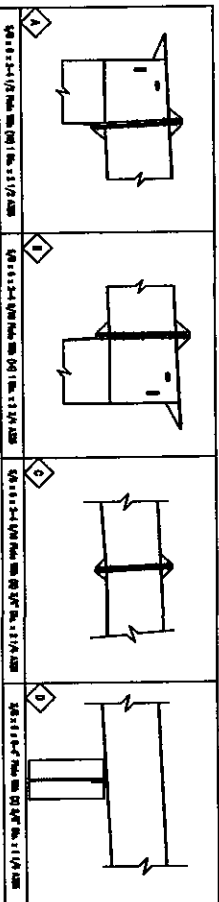
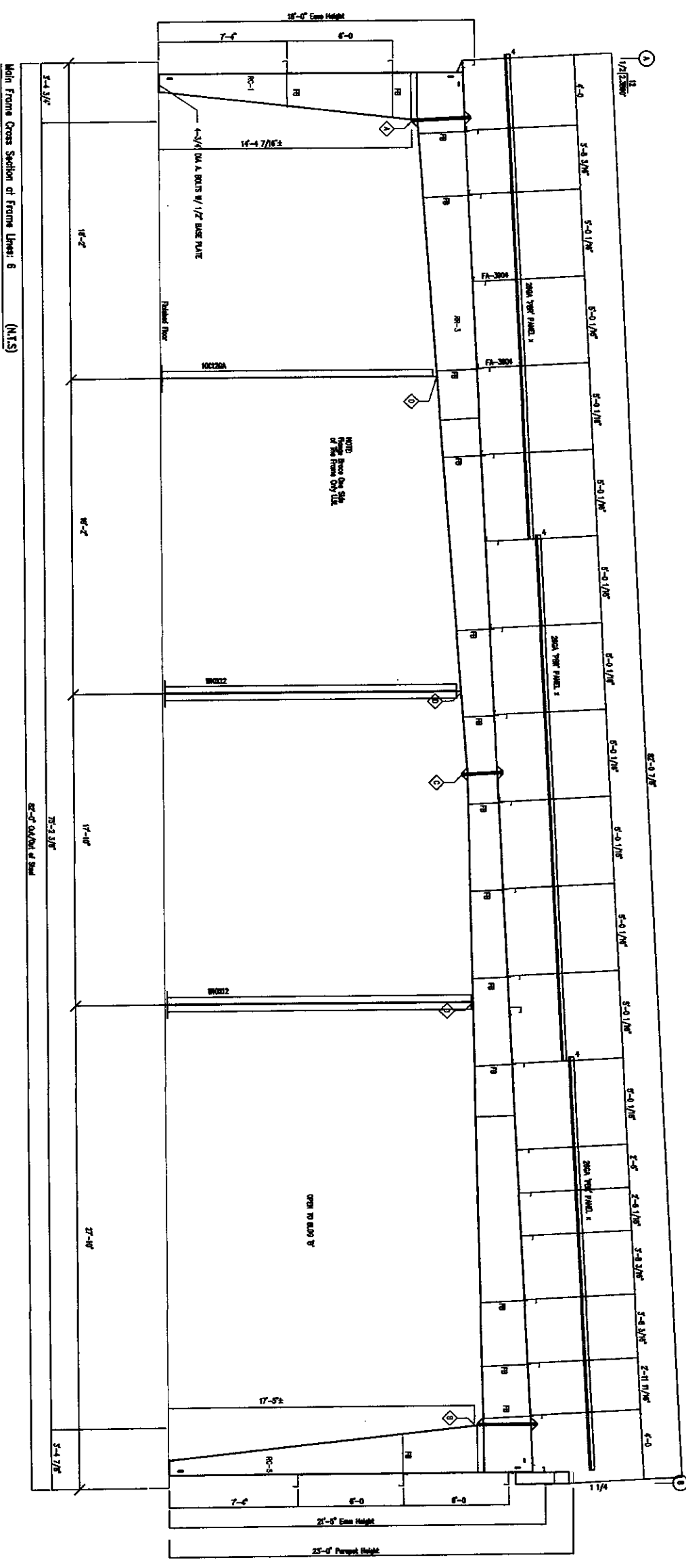
WILLIAMS ENGINEERING
 FEB 10 2014
 PROFESSIONAL ENGINEER
 STATE OF TEXAS
 41332
 WILLIAMS ENGINEERING, P.C.
 1000 W. WILSON ST.
 HUNTSVILLE, TX 77340

F-3172

REVISIONS		BY	DATE
0	2/2/14 FOR CONSTRUCTION	TMO/EPD	

DESCRIPTION	ERECTOR DRAWING
SIZE	SS-42'-0" X 125'-0" X 21'-5" HS. E.H. @ 1/2:12 ROOF SLOPE
CUSTOMER	JIM OAKRIDGE
LOCATION	HUNTSVILLE, TX
DRN. BY	EPD BY
DATE	DATE
SCALE	SCALE
DATE	DATE
NO.	NO.
0	0

PRESTIGE CONTRACTORS SUPPLY, LLC
 936 HWY 190 EAST, HUNTSVILLE, TX 77340
 936-291-3777



REV.	DATE	DESCRIPTION	BY	CHKD.
0	2/3/14	FOR CONSTRUCTION	TJG	CTD

REVISIONS				

DESCRIPTION		PROJECT	
ERECTOR DRAWING		936 HWY 190 EAST • HUMSTVILLE, TX 77340	
SIZE		SCALE	
21'-5" TRS - 0 X 21'-5" TRS E.R.		NONE	
CUSTOMER		JOB NO.	
JUN GARDNER		2014-002	
LOCATION		JOB DATE	
HUMSTVILLE, TX		2014-002	
DATE BY		SCALE	
2014-002		NONE	
JOB BY		JOB NO.	
TJG		2014-002	
DATE		JOB DATE	
2014-002		2014-002	

F-3172

WILLIAMS ENGINEERING
 FEB 10 2014