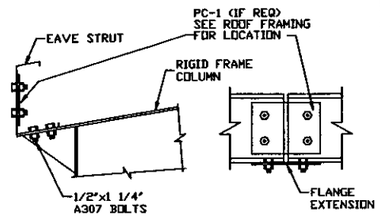
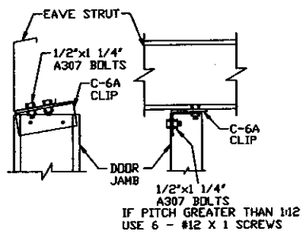
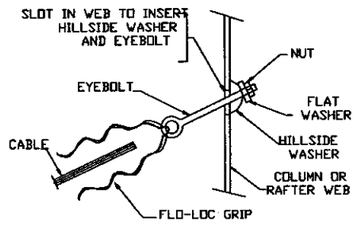


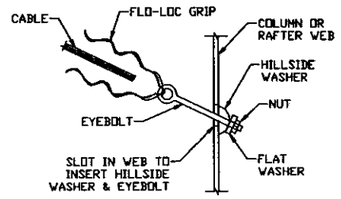
J4 EAVE STRUT TO RIGID FRAME



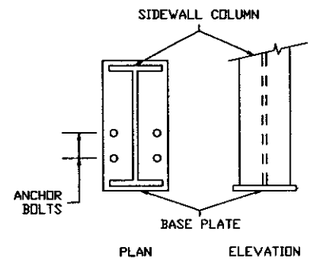
L1 DOOR JAMB COLUMN TO EAVE STRUT



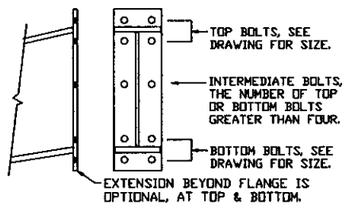
Q1 DIAGONAL CABLE, EYEBOLT END



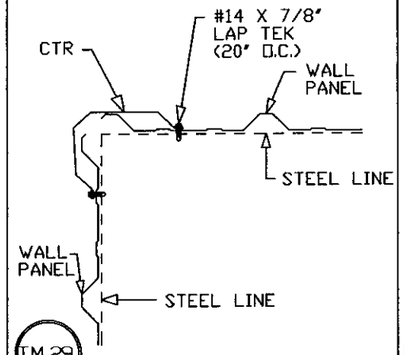
Q2 DIAGONAL CABLE EYEBOLT END



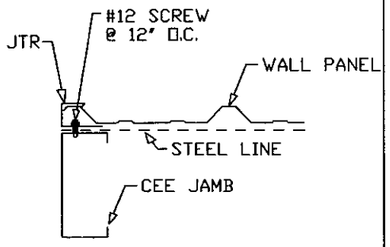
R2 ANCHOR BOLTS AT SIDEWALL COLUMN



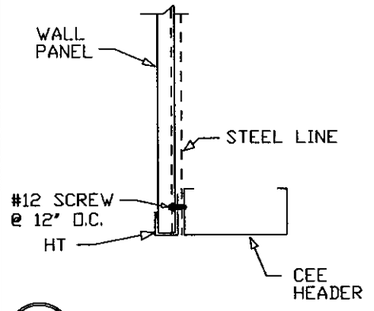
U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK



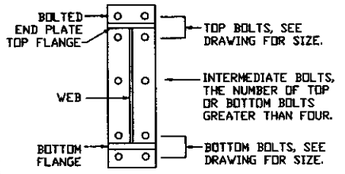
TM29 @ CORNER_OUT_R



TM31 @ JAMB_R



TM33 @ HEAD



U3 BOLTS FOR RAFTER TO COLUMN CONNECTION

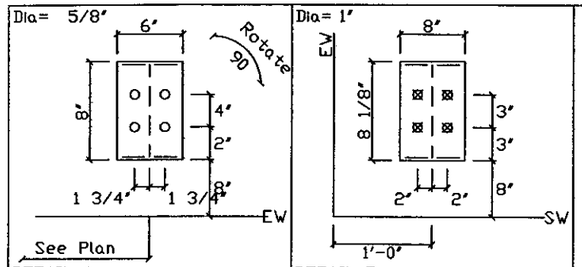
SEAL

OCT 09 2008

REVISIONS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD

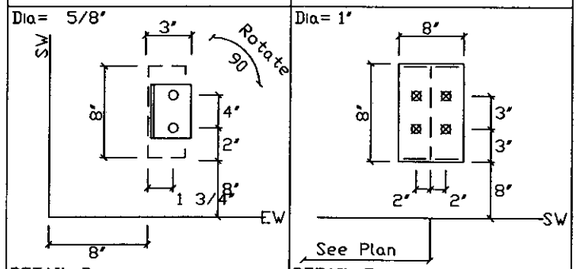
DRAWING STATUS
[ ] FOR CONSTRUCTION
[X] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0	Detail Page	
ID	19066-2	DESIGN:	DRAFT:ARM/MMD CHECK: DB
PROJECT ADDRESS	LAKE CITY, FL 32024	DATE: 9/29/08	SHEET 11



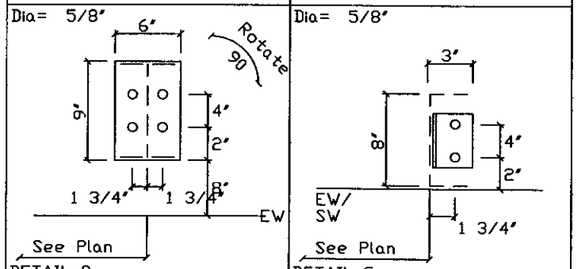
DETAIL A

DETAIL E



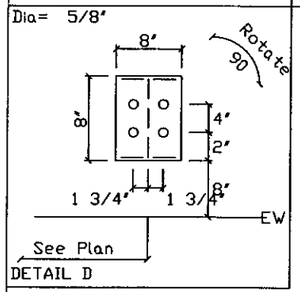
DETAIL B

DETAIL F



DETAIL C

DETAIL G

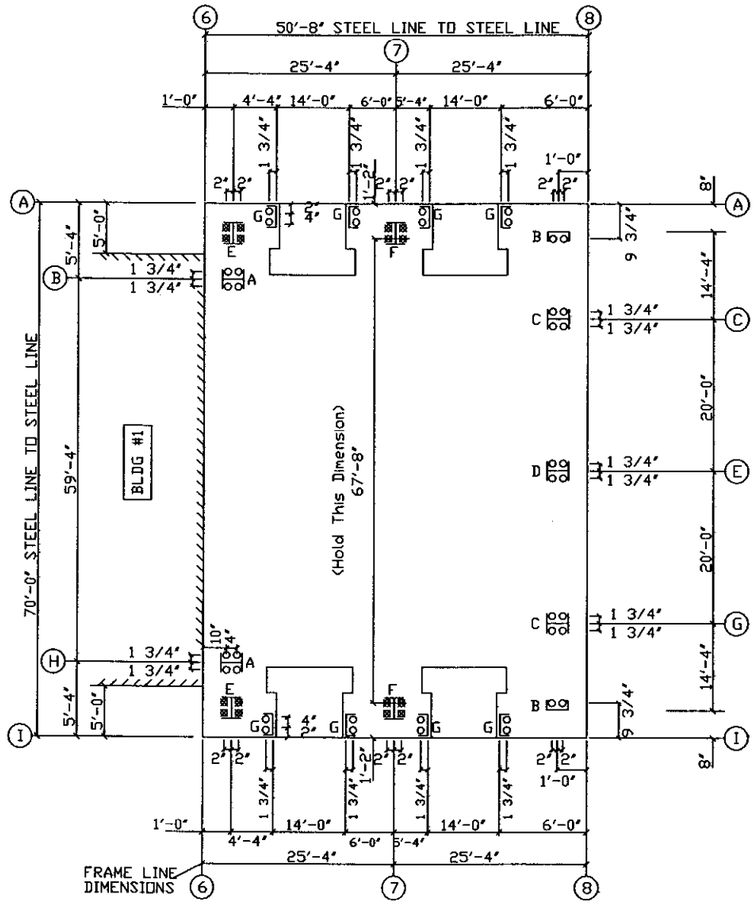


DETAIL D

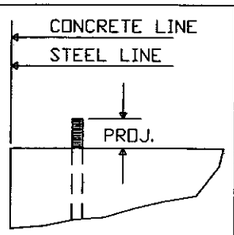
ANCHOR BOLT NOTES:
VALUES GIVEN FOR BENDS AND ANCHOR BOLT TOTAL LENGTHS ARE SUGGESTED LENGTHS ONLY. IT IS THE RESPONSIBILITY OF THE FOUNDATION ENGINEER TO DETERMINE THESE VALUES SINCE THEY ARE A FUNCTION OF CONCRETE STRENGTH AND OTHER FACTORS.

ANCHOR BOLT SUMMARY

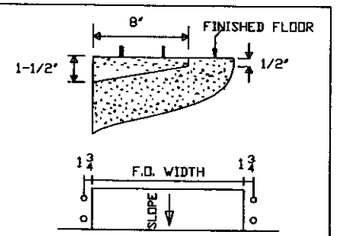
Qnt	Loc	Dia (in)	Total Len (in)	Bend Len (in)	Proj (in)
O 16	DJ	5/8"	9.00	3.00	3.00
O 24	EW	5/8"	12.00	3.00	3.00
⊠ 16	RF	1"	22.00	4.00	3.00



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



CONCRETE EDGE AND ANCHOR BOLT PROJECTION



TYP. O.H. DOOR RECESS DETAIL

BASE_A_T

SEAL

OCT 09 2008

REVISIONS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD

DRAWING STATUS
[X] FOR CONSTRUCTION
[ ] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0
ID	19066-2
PROJECT ADDRESS	LAKE CITY, FL 32024

LIFETIME STEEL BLDGS	
ANCHOR BOLT PLAN & DETAILS	
DESIGN:	DRAFT: ARM/MMD CHECK: DB
DATE: 9/29/08	SHEET 1

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	=	70.0
Length (ft)	=	50.7
Eave Height (ft)	=	16.0/ 16.0
Roof Slope (rise/12)	=	3.0/ 3.0
Dead Load (psf)	=	2.0
Collateral Load (psf)	=	1.0
Roof Live Load (psf	=	20.0
Frame Live Load (psf	=	12.0
Wind Speed (mph)	=	140.0
Wind Code (3 sec gust)	=	FBC 06
Exposure	=	B
Closed/Open	=	C
Importance Wind	=	1.15
Importance Seismic	=	1.50
Seismic Zone	=	C
Seismic Coeff (Fa*Ss)	=	0.20

Id	Description
1	DL+CL+LL
2	0.60DL+WL1
3	0.60DL+WR1
4	1.02DL+1.02CL-0.70SeisL
5	0.60DL+WR1+WS
6	0.60DL+WP+LnWnd1
7	0.60DL+WL1+WS

GENERAL NOTES

(1.) APPLICATION OF ENGINEERS SEAL IS FOR METAL BUILDING ONLY AND DOES NOT REPRESENT THE PROFESSIONAL OF RECORD.

(2.) FOUNDATION DESIGN AND CONSTRUCTION ARE NOT THE RESPONSIBILITY OF THE METAL BUILDING MANUFACTURER.

(3.) ANCHOR BOLTS SHALL BE ACCURATELY SET TO A TOLERANCE OF +/- 1/8" IN BOTH ELEVATION AND LOCATION.

(4.) THE BUILDING REACTION DATA REPORTS THE LOADS WHICH THIS BUILDING PLACES ON THE FOUNDATION. THE FOUNDATION IS TO BE DESIGNED BY A QUALIFIED ENGINEER TO SUPPORT THE BUILDING REACTIONS IN ADDITION TO OTHER LOADS IMPOSED BY THE BUILDING USE OR OCCUPANCY WITH RESPECT TO JOB SITE CONDITIONS.

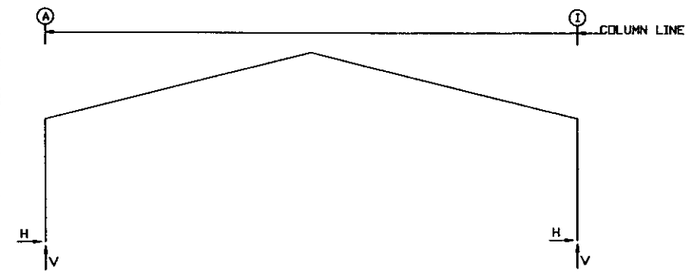
(5.) ALL ANCHOR BOLTS TO BE ASTM SPECIFICATION A307 UNLESS OTHERWISE NOTED.

(6.) VALUES GIVEN FOR BENDS AND ANCHOR BOLT TOTAL LENGTHS ARE SUGESTED LENGTHS ONLY. IT IS THE RESPONSIBILITY OF THE FOUNDATION ENGINEER TO DETERMINE THESE VALUES SINCE THEY ARE A FUNCTION OF CONCRETE STRENGTH AS WELL AS OTHER FACTORS.

BRACING REACTIONS, PANEL SHEAR

Loc	Wall Line	Col Line	± Reactions (k) --Wind Horz	--Wind Vert	-Seismic- Horz	-Seismic- Vert	Panel Shear (lb/ft)
L_EW	6		Rigid Frame At Endwall				
F_SW	I						1000
R_EW	8		Bracing In Roof To Rigid Frame				
B_SW	A						1000

FRAME LINES: 6 7



RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. No	Bolt D(in)	Base Plate Wid	Len	Thk (in)	Grout (in)
6	A	4	1.000	8.000	8.130	0.500	0.0
6	I	4	1.000	8.000	8.130	0.500	0.0

RIGID FRAME: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. No	Bolt D(in)	Base Plate Wid	Len	Thk (in)	Grout (in)
7	A	4	1.000	8.000	8.004	0.625	0.0
7	I	4	1.000	8.000	8.004	0.625	0.0

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	-----Dead---- Horiz	Vert	-Collateral- Horiz	Vert	----Live---- Horiz	Vert	--Wind_L1--- Horiz	Vert	--Wind_R1--- Horiz	Vert	--Wind_L2--- Horiz	Vert
6	A	2.09	4.01	0.75	1.21	8.63	14.87	-21.25	-37.71	-9.10	-30.83	-16.25	-24.35
6	I	-2.09	4.00	-0.75	1.21	-8.63	14.83	9.10	-30.83	21.25	-37.71	4.09	-17.43
7	A	2.11	3.91	0.77	1.20	8.85	14.58	-22.85	-37.03	-8.77	-29.38	-17.74	-23.63
7	I	-2.11	3.90	-0.77	1.20	-8.85	14.54	8.77	-29.38	22.85	-37.03	3.66	-15.92

Frame Line	Column Line	--Wind_R2--- Horiz	Vert	--Wind_Ln1-- Horiz	Vert	--Wind_Ln2-- Horiz	Vert	--Seismic_L- Horiz	Vert	--Seismic_R- Horiz	Vert
6	A	-4.09	-17.43	-9.12	-28.66	-12.10	-24.13	-0.59	-0.25	0.59	0.25
6	I	16.25	-24.35	12.10	-24.13	9.12	-28.66	-0.59	0.25	0.59	-0.25
7	A	-3.66	-15.92	-9.35	-28.76	-12.33	-24.22	-0.72	0.30	0.72	-0.30
7	I	17.74	-23.63	12.33	-24.22	9.35	-28.76	-0.72	0.30	0.72	-0.30

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead Vert	Collat Vert	Live Vert	Rafter Wind_L Vert	Rafter Wind_R Vert	Brace Wind_L Vert	Brace Wind_R Vert	Wind_P Horz	Wind_S Horz	Wind_Ln Vert	Seis_L Vert	Seis_R Vert
6	B	0.18	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	0.68	0.00	0.00	0.00
6	H	0.18	0.00	0.00	0.00	0.00	0.00	0.00	-0.58	0.68	0.00	0.00	0.00
8	I	0.59	0.08	2.38	-5.72	-5.67	-5.72	-5.67	0.00	0.00	-3.00	0.01	0.04
8	G	0.97	0.26	4.82	-9.68	-5.31	-9.68	-5.31	-5.09	5.58	-10.10	-0.04	-0.04
8	E	1.52	0.28	5.57	-8.44	-8.44	-8.44	-8.44	-7.56	8.28	-8.95	0.03	0.03
8	C	0.97	0.26	4.82	-5.31	-9.68	-5.31	-9.68	-5.09	5.58	-10.10	-0.04	-0.04
8	A	0.59	0.08	2.38	-5.67	-5.72	-5.67	-5.72	0.00	0.00	-3.00	0.04	0.01

ENDWALL COLUMN: ANCHOR BOLTS & BASE PLATES

Frm Line	Col Line	Anc. No	Bolt D(in)	Base Plate Wid	Len	Thk (in)	Grout (in)
6	B	4	0.625	6.000	8.000	0.500	0.0
6	H	4	0.625	6.000	8.000	0.500	0.0
8	I	2	0.625	3.000	5.750	0.134	0.0
8	G	4	0.625	6.000	9.000	0.500	0.0
8	E	4	0.625	8.000	8.000	0.500	0.0
8	C	4	0.625	6.000	9.000	0.500	0.0
8	A	2	0.625	3.000	5.750	0.134	0.0

Protection of Opening

This building is located in a wind-borne debris region. Exterior glazing is assumed to be impact resistant and meet the provisions of the missile test, or they should be protected by impact resistant covering meeting the reqirements of SSTD 12, ASTM E 1886 and ASTME 1996 or Miami-Dade PA 201, 202, &203.
Openings may also be protected by structural wood panels having a min. thickness of 7/16" and maximum panel span of 8 feet. Attachment hardware and fastening schedule shall be in accordance with the following table.

WIND-BORNE DEBRIS PROTECTION FASTENING SCHEDULE
FOR WOOD STRUCTURAL PANELS (PLYWOOD)

FASTENER TYPE	FASTENER SPACING (in.) [1,2] PANEL SPAN < 2ft	2ft< PANEL SPAN <4 ft.	4ft< PANEL SPAN <6 ft.	6ft< PANEL SPAN <8 ft.
#8 Wood screw-based anchor with 2" embedment length. [3]	16	16	10	8
#10 Wood screw-based anchor with 2" embedment length. [3]	16	16	12	9
1/4" Lag screw-based anchor with 2" embedment length.	16	16	16	16

SI: 1 inch=25.4 mm 1 foot=305 mm

Notes:
1.) This table is based on a maximum wind speed of 140 m.p.h. (63 m/s) and mean roof height of 45 feet (13.716 m) or less.
2.) Fasteners shall be installed at opposing ends of the wood structural panel.
3.) Where screws are attached to masonry or masonry/stucco, they shall be attached using vibration-resistant anchors having a minimum withdrawal capacity of 490 lb. (2180 kN).

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OCT 09 2008

REVISIONS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD

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[ ] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

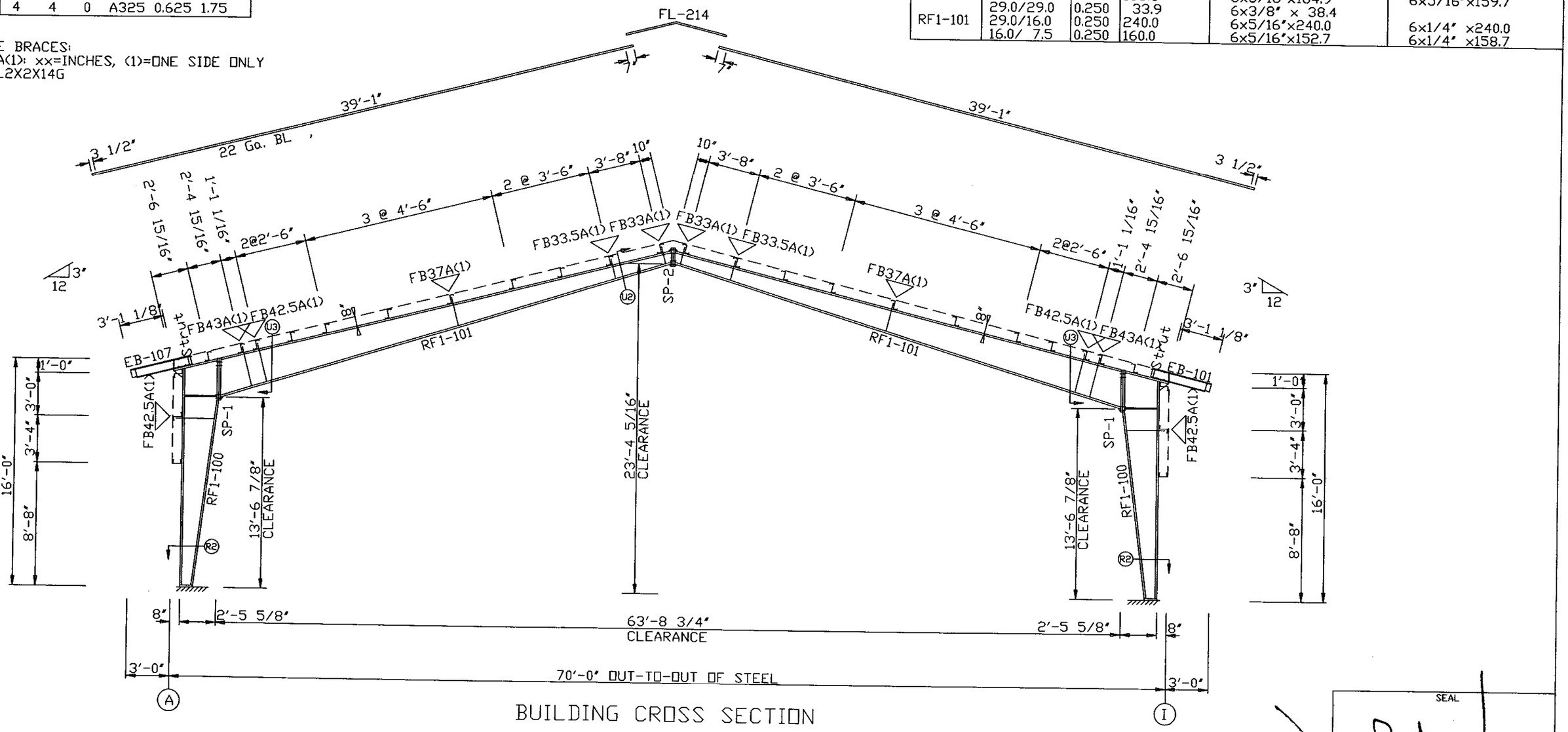
LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0
ID	19066-2
PROJECT ADDRESS	LAKE CITY, FL 32024

LIFETIME STEEL BLDGS
ANCHOR BOLT REACTIONS
DESIGN: DRAFT:ARM/MMD CHECK: DB
DATE: 9/29/08 SHEET 2

SPLICE BOLTS						
Splice Mark	Quan Top/Bot/Int			Type	Bolt Dia	Len
SP- 1	4	4	0	A325	0.875	2.50
SP- 2	4	4	0	A325	0.625	1.75

MEMBER SIZE TABLE (in)					
PIECE	WEB DEPTH START/END	WEB PLATE THICK	LENGTH	OUTSIDE FLANGE W x T x LEN	INSIDE FLANGE W x T x LEN
RF1-100	7.5/29.0	0.188	158.3	6x5/16"x184.9	6x5/16"x159.7
	29.0/29.0	0.250	33.9	6x3/8" x 38.4	
RF1-101	29.0/16.0	0.250	240.0	6x5/16"x240.0	6x1/4" x240.0
	16.0/ 7.5	0.250	160.0	6x5/16"x152.7	6x1/4" x158.7

FLANGE BRACES:
FBxxA(1): xx=INCHES, (1)=ONE SIDE ONLY
A - L2X2X14G



BUILDING CROSS SECTION

FOR FRAME LINE 6

GENERAL NOTES:

* NOTICE TO ERECTOR *

(A)It is IMPORTANT that for members exceeding 30 ft. in length that a spreader bar be used when lifting.

(B)ALL flange braces and wind bracing must be installed prior to exterior finishes being applied.

REVISIONS						
REV.	DESCRIPTION	DATE	DTLR	DATE	CHKR	APPD

DRAWING STATUS
[ ] FOR CONSTRUCTION
[X] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0
ID	19066-2
PROJECT ADDRESS	LAKE CITY, FL 32024

SEAL

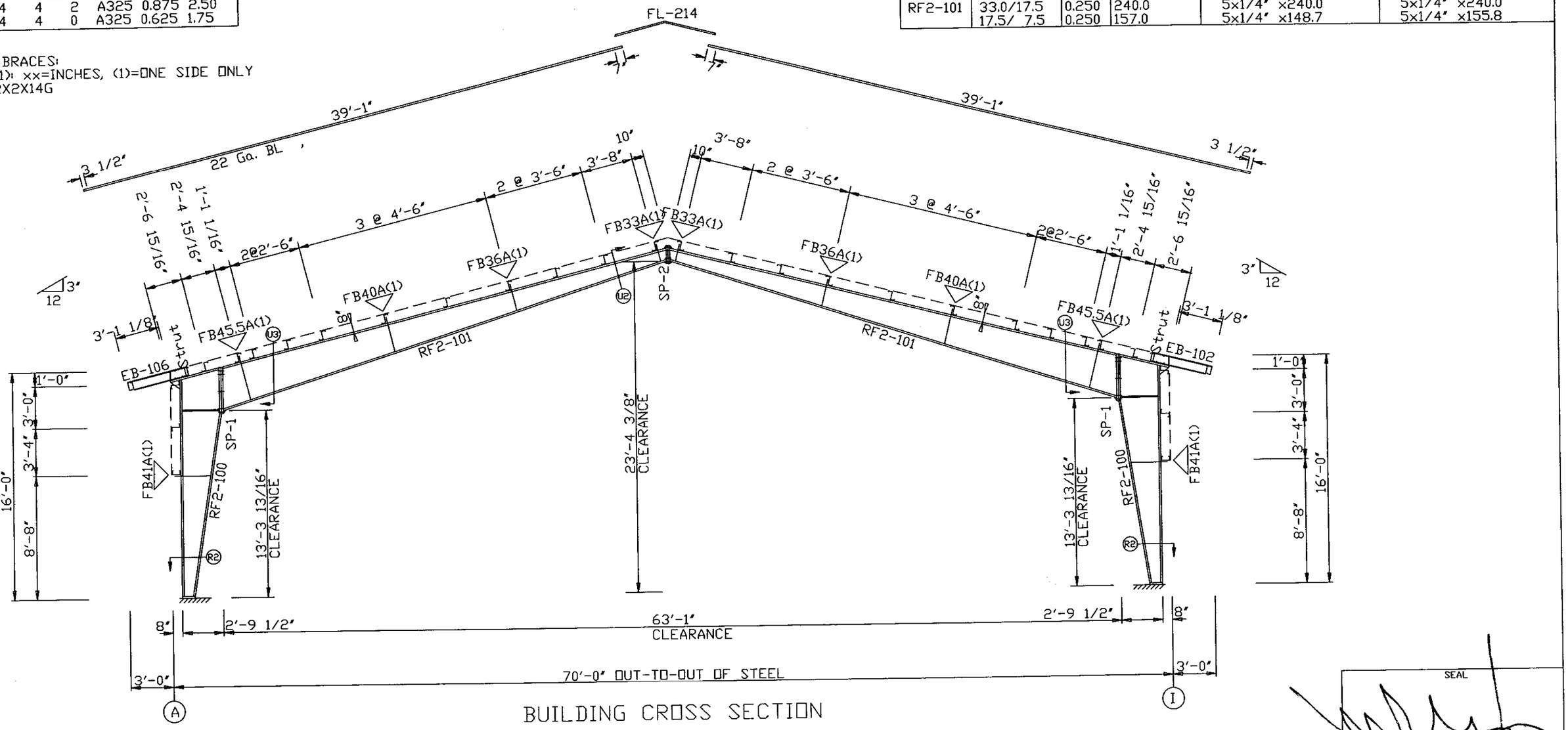
OCT 09 2008

LIFETIME STEEL BLDGS		
BUILDING CROSS SECTION		
DESIGN:	DRAFT:ARM/MMD	CHECK: DB
DATE: 9/29/08	SHEET	3

SPLICE BOLTS						
Splice Mark	Quan Top/Bot/Int			Bolt Type	Bolt Dia	Bolt Len
SP- 1	4	4	2	A325	0.875	2.50
SP- 2	4	4	0	A325	0.625	1.75

MEMBER SIZE TABLE (in)					
PIECE	WEB DEPTH START/END	WEB PLATE THICK	WEB PLATE LENGTH	OUTSIDE FLANGE W x T x LEN	INSIDE FLANGE W x T x LEN
RF2-100	7.5/33.0	0.250	193.1	5x1/4" x184.8 6x5/16"x 42.4	5x1/4" x157.1
RF2-101	33.0/17.5	0.250	240.0	5x1/4" x240.0	5x1/4" x240.0
	17.5/ 7.5	0.250	157.0	5x1/4" x148.7	5x1/4" x155.8

FLANGE BRACES:
FBxxA(1): xx=INCHES, (1)=ONE SIDE ONLY
A - L2X2X14G



BUILDING CROSS SECTION

FOR FRAME LINE 7

SEAL

OCT 09 2008

GENERAL NOTES:

* NOTICE TO ERECTOR *

(A)It is IMPORTANT that for members exceeding 30 ft. in length that a spreader bar be used when lifting.

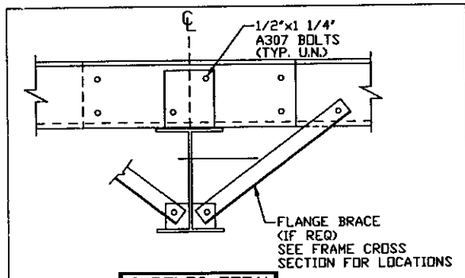
(B)ALL flange braces and wind bracing must be installed prior to exterior finishes being applied.

REVISIONS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD

DRAWING STATUS
[ ] FOR CONSTRUCTION
[X] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

LIFETIME STEEL BLDGS	
PROJECT	70.00' x 30.6 x 16.0
ID	19066-2
PROJECT ADDRESS	LAKE CITY, FL 32024

LIFETIME STEEL BLDGS		
BUILDING CROSS SECTION		
DESIGN:	DRAFT:ARM/MMD	CHECK: DB
DATE: 9/29/08	SHEET	4

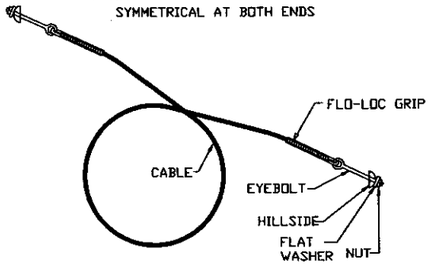


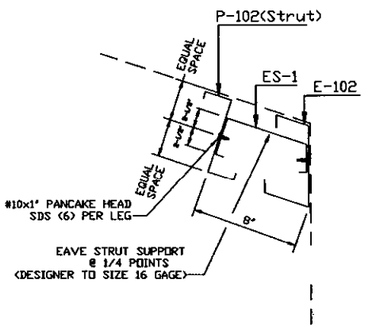
6 BOLTS TOTAL

ADDITIONAL HOLES ARE PRESENT FOR ALIGNMENT PURPOSES ONLY

BRACE CABLE ASSEMBLY

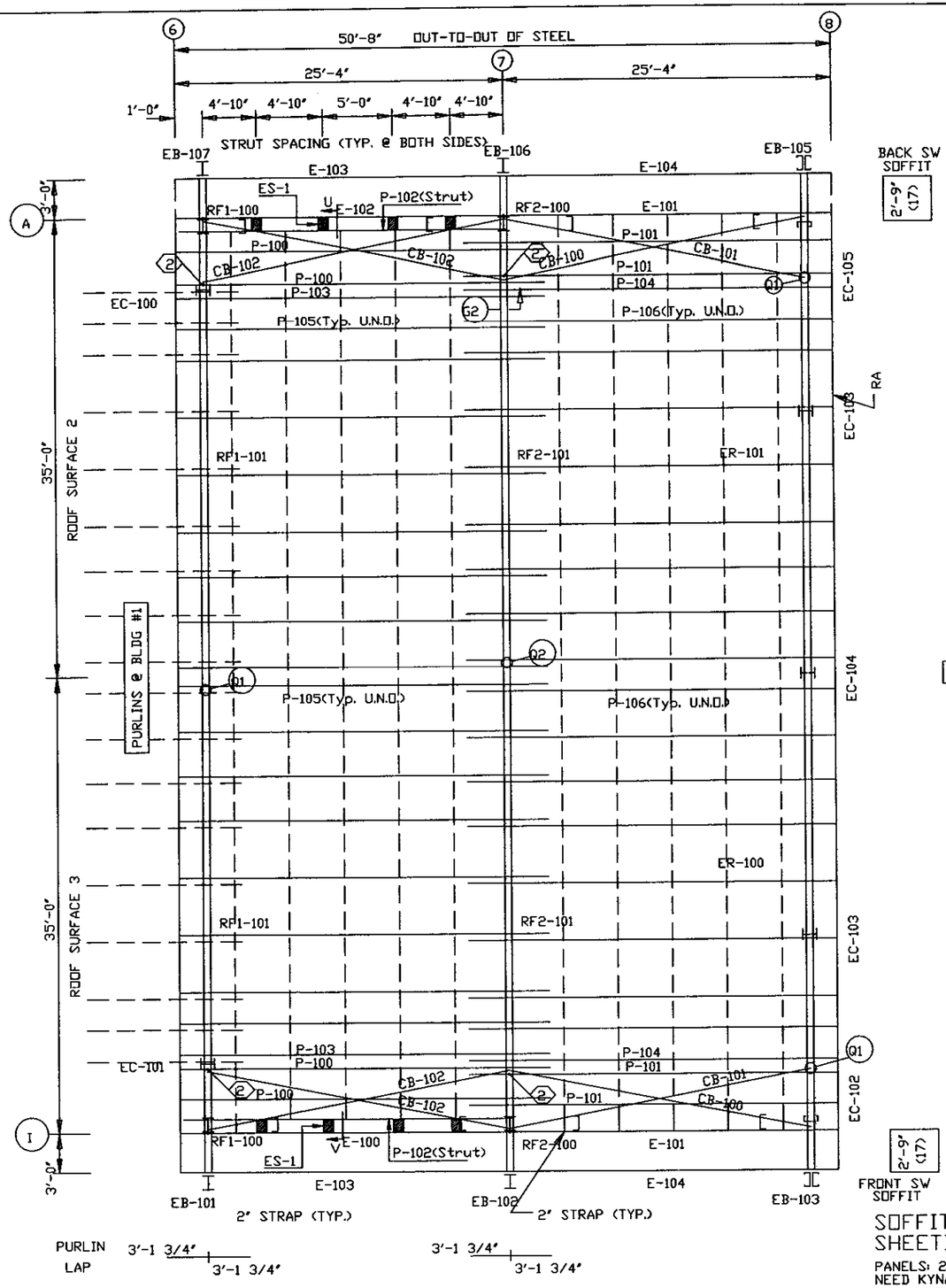
CABLE HARDWARE FACTORY ATTACHED SYMMETRICAL AT BOTH ENDS





SECTION U-U (AS SHOWN)

SECTION V-V (OPPOSITE)



ROOF FRAMING PLAN

BACK SW SOFFIT 2'-9" (17)

FRONT SW SOFFIT 2'-9" (17)

39'-1" (38)

39'-1" (38)

SOFFIT SHEETING

PANELS: 26 Ga. PBR
NEED KYNAR COLOR

ROOF SHEETING

PANELS: 22 Ga. BATTEN-LOK -
NEED KYNAR COLOR

TRIM TABLE
ROOF

◇ID	MARK	LENGTH	DETAIL
1	FL-214	10'-2"	

EXTENSION/CANOPY BOLTS
ROOF PLAN

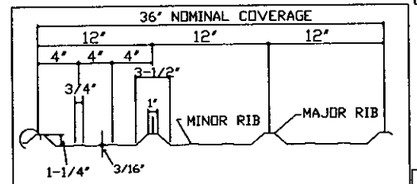
MARK	QUAN	TYPE	DIA	LENGTH
EB-101	4	A325	5/8"	1 3/4"
EB-102	4	A325	5/8"	1 3/4"
EB-103	4	A325	5/8"	1 3/4"
EB-105	4	A325	5/8"	1 3/4"
EB-106	4	A325	5/8"	1 3/4"
EB-107	4	A325	5/8"	1 3/4"

SPECIAL BOLTS
ROOF PLAN

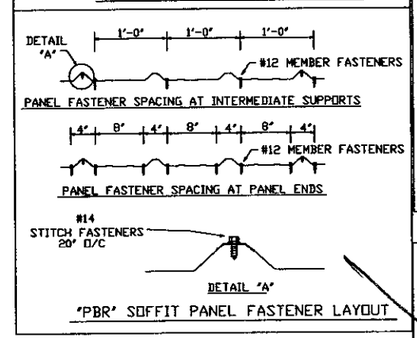
◇ ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A307	1/2"	1 1/4"	0
2	2	A325	1/2"	1 1/4"	0

MEMBER TABLE
ROOF PLAN

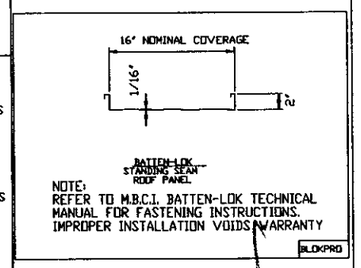
MARK	PART	LENGTH
EB-100	8X4CH16	4'-10 9/16"
EB-101	W8X10	4'-3 1/16"
EB-102	W8X10	4'-3 1/8"
EB-103	8x50D16	4'-3 1/8"
EB-104	8X4CH16	4'-10 9/16"
EB-105	8x50D16	4'-3 1/8"
EB-106	W8X10	4'-3 1/8"
EB-107	W8X10	4'-3 1/16"
P-100	8X35Z14	28'-5 1/2"
P-101	8X35Z14	28'-5 1/2"
P-102	8X25Z16	24'-11 1/2"
P-103	8X25Z15	28'-5 1/2"
P-104	8X25Z13	28'-5 1/2"
P-105	8X25Z16	28'-5 1/2"
P-106	8X25Z16	28'-5 1/2"
E-100	825E350D16	23'-8 1/2"
E-101	825E350D16	23'-8 1/2"
E-102	825E350D16	23'-8 1/2"
ES-1	825E350D16	1'-0"
E-103	8X25C12	25'-0"
E-104	8X35C12	25'-0"
CB-100	0.250CBL	25'-2"
CB-101	0.250CBL	25'-3"
CB-102	0.500CBL	25'-3"



"PBR" SOFFIT PANEL PROFILE



"PBR" SOFFIT PANEL FASTENER LAYOUT



NOTE:
REFER TO M.B.C.I. BATTEN-LOK TECHNICAL MANUAL FOR FASTENING INSTRUCTIONS. IMPROPER INSTALLATION VOIDS WARRANTY

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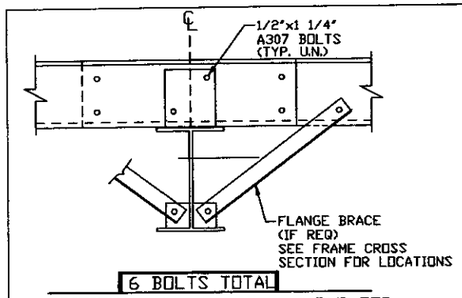
REVISIONS

REV.	DESCRIPTION	DATE	DTLR	DATE	CHKR	APPD

DRAWING STATUS
[ ] FOR CONSTRUCTION
[X] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

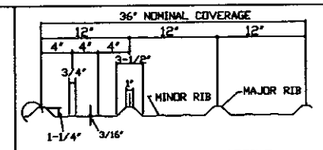
LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0
ID	19066-2
PROJECT ADDRESS	LAKE CITY, FL 32024

LIFETIME STEEL BLDGS
ROOF FRAMING
DESIGN: DRAFT: ARM/MMD CHECK: DB
DATE: 9/29/08 SHEET 5

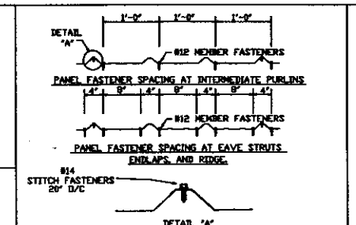


6 BOLTS TOTAL

ADDITIONAL HOLES ARE PRESENT FOR ALIGNMENT PURPOSES ONLY



"PBR" WALL PANEL PROFILE



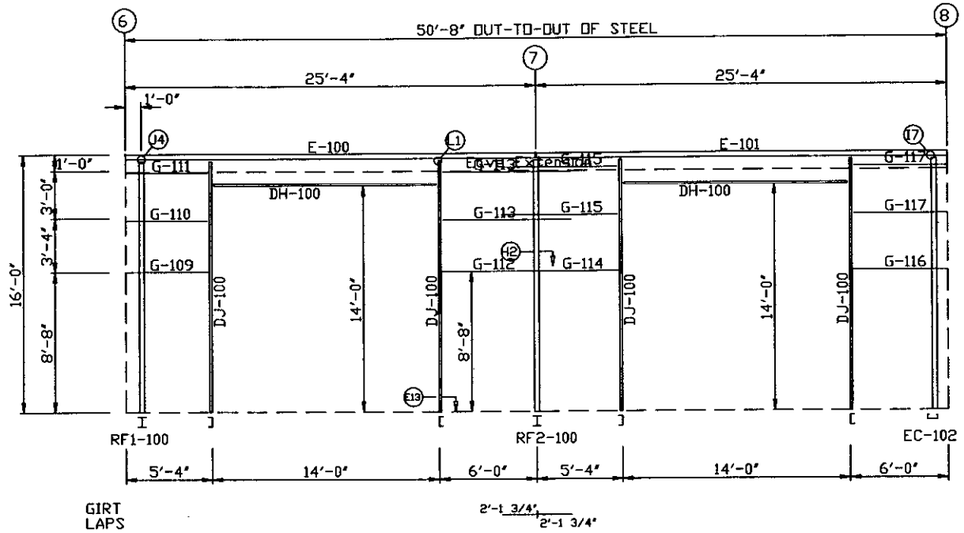
"PBR" WALL PANEL ATTACHMENT DETAIL

TRIM TABLE
FRAME LINE I

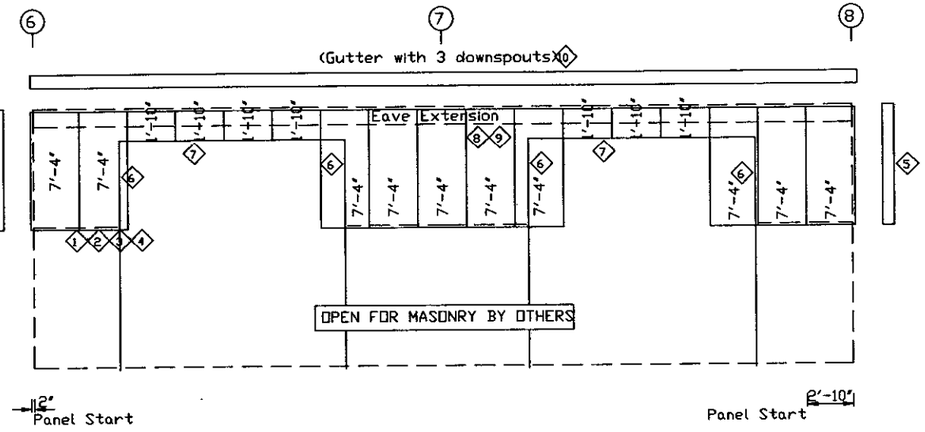
◇ID	MARK	LENGTH	DETAIL
1	TBD	3'-6"	
2	TBD	2'-1"	
3	TBD	1'-7"	
4	TBD	2'-9"	
5	CTR	7'-6"	TM29
6	JTR	5'-6"	TM31
7	HT	14'-3"	TM33
8	HT	20'-3"	
9	HT	10'-11"	
10	FL-248H	20'-2"	

MEMBER TABLE
FRAME LINE I

MARK	PART	LENGTH
DJ-100	C8X11.5	15'-3 3/4"
DH-100	8x35C16	14'-0"
E-100	825E350D16	23'-8 1/2"
E-101	825E350D16	23'-8 1/2"
G-109	8X25C16	5'-0"
G-110	8X25Z16	5'-0"
G-111	8X25Z16	5'-0"
G-112	8X25C16	5'-8"
G-113	8X25Z16	7'-10"
G-114	8X25C16	5'-0"
G-115	8X25Z16	7'-2"
G-116	8X25C16	5'-8"
G-117	8X25Z16	5'-8"



SIDEWALL FRAMING: FRAME LINE I



SIDEWALL SHEETING & TRIM: FRAME LINE I

PANELS: 26 Ga. PBR - NEED KYNAR COLOR

SEAL

OCT 09 2008

GENERAL NOTES:

(1.) IF CABLE BRACING, WIND BENTS, WIND COLUMNS, OR WEAK AXIS DESIGN OF SIDE WALL COLUMNS WERE NOT PROVIDED IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED.

REVISIONS

REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD

DRAWING STATUS
[ ] FOR CONSTRUCTION
[X] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

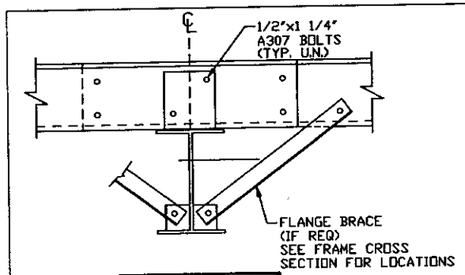
LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0
ID	19066-2
PROJECT ADDRESS	LAKE CITY, FL 32024

LIFETIME STEEL BLDGS

SIDEWALL FRAMING

DESIGN: | DRAFT: ARM/MMD | CHECK: DB

DATE: 9/29/08 | SHEET 6



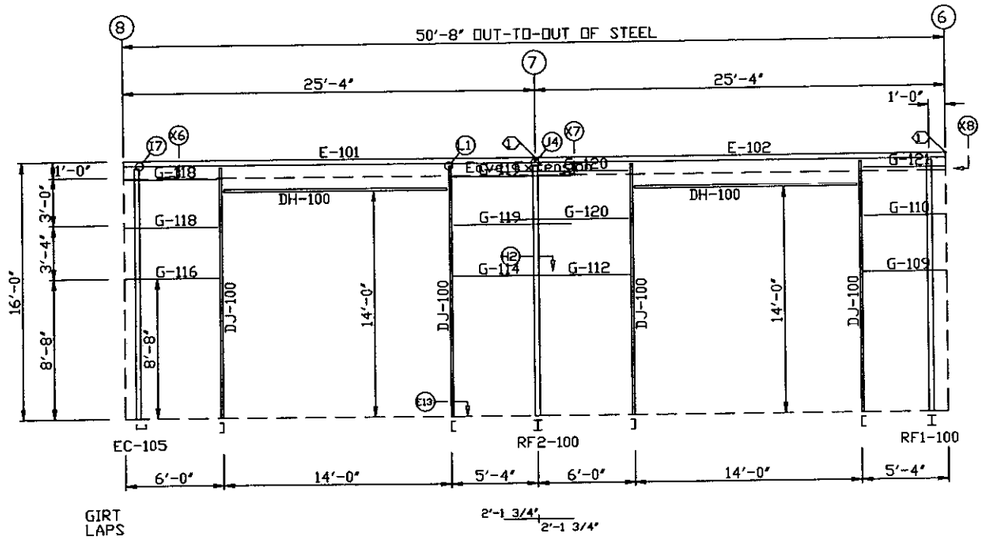
6 BOLTS TOTAL

ADDITIONAL HOLES ARE PRESENT FOR ALIGNMENT PURPOSES ONLY

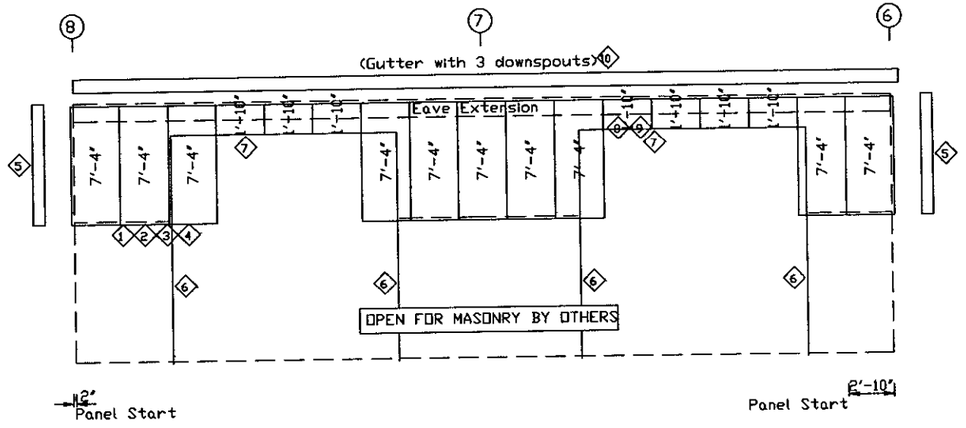
TRIM TABLE FRAME LINE A			
◇ID	MARK	LENGTH	DETAIL
1	TBD	3'-6"	
2	TBD	2'-1"	
3	TBD	1'-7"	
4	TBD	2'-9"	
5	CTR	7'-6"	TM29
6	JTR	5'-6"	TM31
7	HT	14'-3"	TM33
8	HT	20'-3"	
9	HT	10'-11"	

SPECIAL BOLTS					
◇ ID	QUAN	TYPE	DIA	LENGTH	WASH
1	4	A307	1/2"	1 1/4"	0

MEMBER TABLE FRAME LINE A		
MARK	PART	LENGTH
DJ-100	C8X11.5	15'-3 3/4"
DH-100	8x35C16	14'-0"
E-101	825E350D16	23'-8 1/2"
E-102	825E350D16	23'-8 1/2"
G-109	8X25C16	5'-0"
G-110	8X25Z16	5'-0"
G-112	8X25C16	5'-8"
G-114	8X25C16	5'-0"
G-116	8X25C16	5'-8"
G-118	8X25Z16	5'-8"
G-119	8X25Z16	7'-2"
G-120	8X25Z16	7'-10"
G-121	8X25Z16	5'-0"



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A

PANELS: 26 Ga. PBR - NEED KYNAR COLOR

SEAL

OCT 09 2008

GENERAL NOTES:

(1.) IF CABLE BRACING, WIND BENTS, WIND COLUMNS, OR WEAK AXIS DESIGN OF SIDE WALL COLUMNS WERE NOT PROVIDED IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED.

REVISIONS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD

DRAWING STATUS
[ ] FOR CONSTRUCTION
[X] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

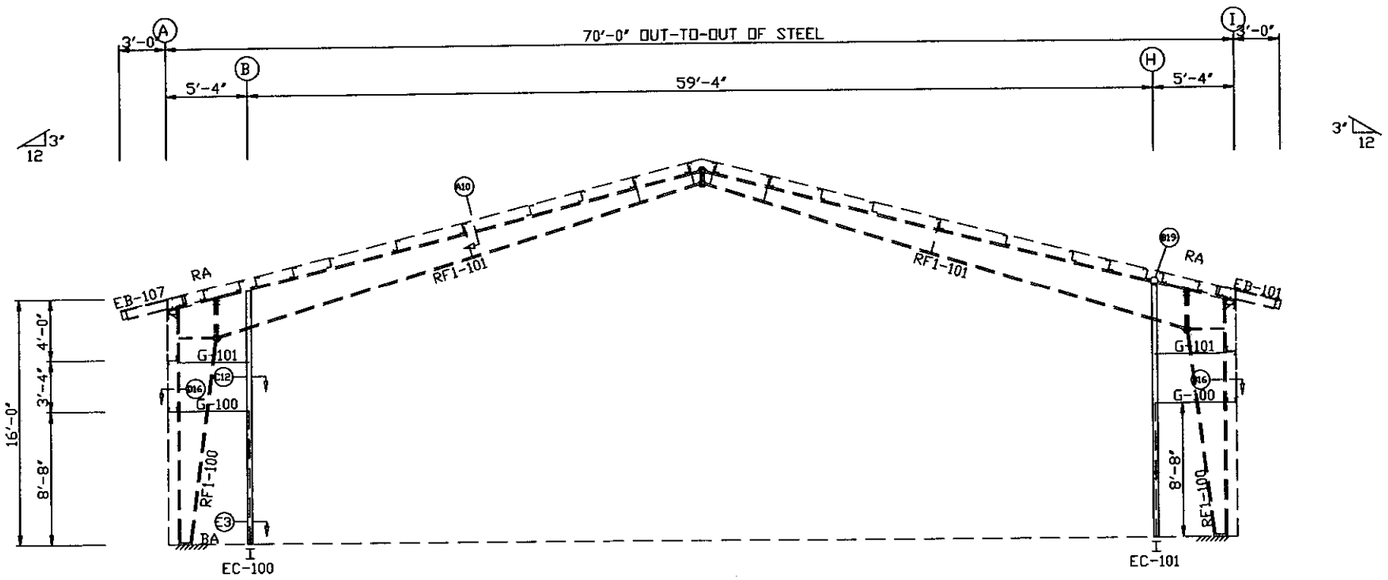
LIFETIME STEEL BLDGS		
PROJECT	70.00' x 50.6 x 16.0	
ID	19066-2	
PROJECT ADDRESS	LAKE CITY, FL 32024	

LIFETIME STEEL BLDGS		
SIDEWALL FRAMING		
DESIGN:	DRAFT: ARM/MMD	CHECK: DB
DATE: 9/29/08	SHEET	7

BOLT TABLE FRAME LINE 6				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns	4	A325	1/2"	1 1/4"

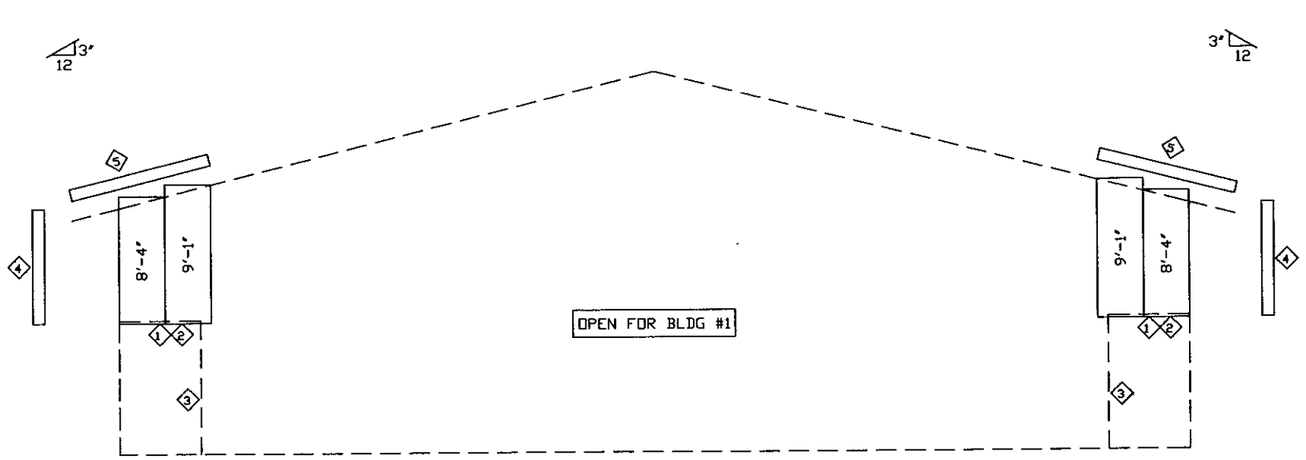
TRIM TABLE FRAME LINE 6			
◇ID	MARK	LENGTH	DETAIL
1	TBD	3'-6"	
2	TBD	2'-1"	
3	JTR	8'-10"	TRIM_31
4	CTR	7'-6"	TRIM_29
5	XFL-110	5'-3"	TRIM_11

MEMBER TABLE FRAME LINE 6		
MARK	PART	LENGTH
EC-100	W8541	14'-2 7/16"
EC-101	W8541	14'-2 7/16"
G-100	8X25C16	4'-7 1/2"
G-101	8X25Z16	4'-11 1/2"



GIRT LAPS

ENDWALL FRAMING: FRAME LINE 6



ENDWALL SHEETING & TRIM: FRAME LINE 6

PANELS: 26 Ga. PBR - NEED KYNAR COLOR

SEAL

OCT 09 2008

GENERAL NOTES:

(1.) IF CABLE BRACING FOR END WALL IS NOT SHOWN ON ERECTION DRAWINGS IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED.

REVISIONS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD

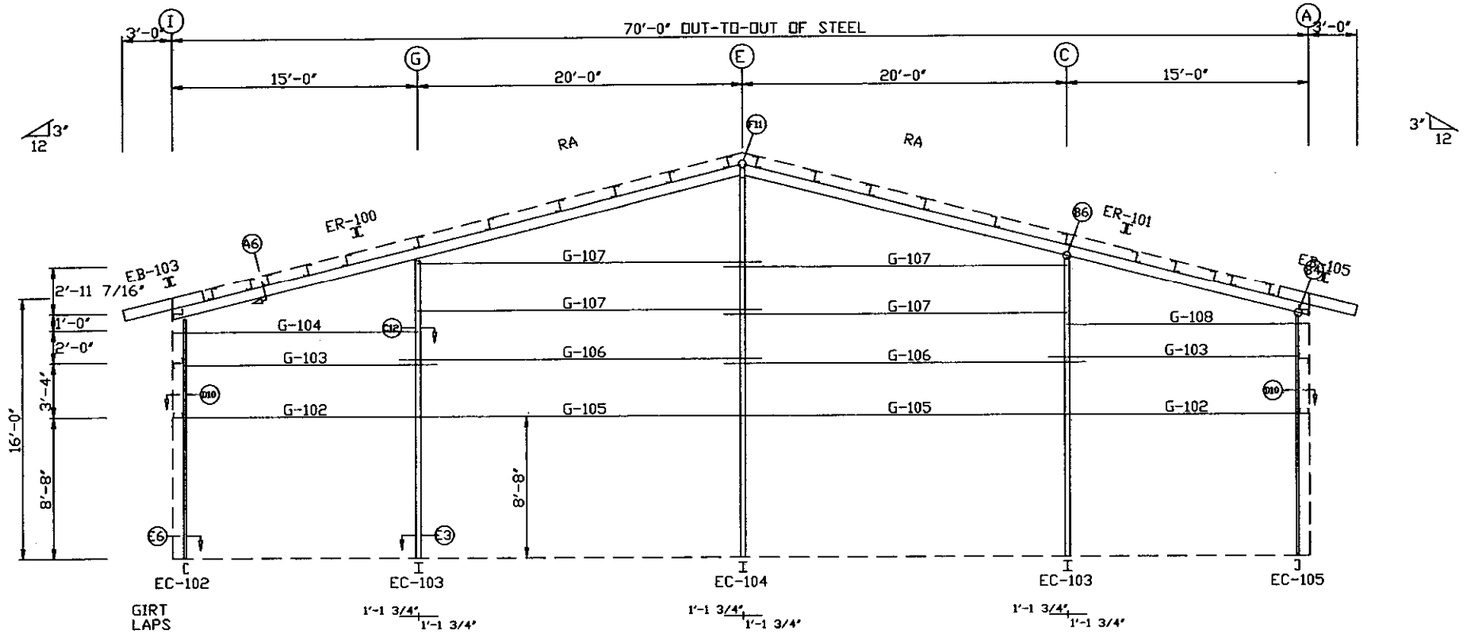
DRAWING STATUS
[ ] FOR CONSTRUCTION
[X] FOR PERMIT ONLY
[ ] FOR APPRDVAL
[ ] OTHER, EXPLAIN

LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0	ENDWALL FRAMING	
ID	19066-2	DESIGN:	DRAFT:ARM/MMD CHECK: DB
PROJECT ADDRESS	LAKE CITY, FL 32024	DATE: 9/29/08	SHEET 8

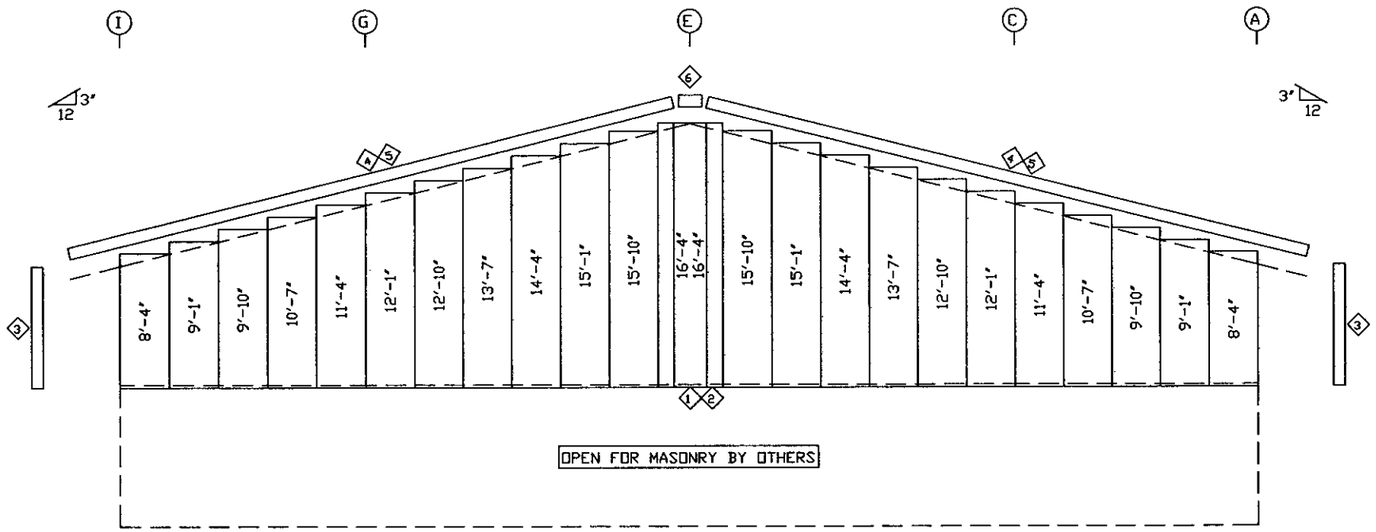
BOLT TABLE FRAME LINE 8				
LOCATION	QUAN	TYPE	DIA	LENGTH
ER-100/ER-101	8	A325	5/8"	1 3/4"
Cor_Column/Raf	4	A325	1/2"	1 1/4"
Int_Column/Raf	4	A325	1/2"	1 1/4"
Int_Column/Raf	4	A325	5/8"	1 1/4"

TRIM TABLE FRAME LINE 8			
◇ID	MARK	LENGTH	DETAIL
1	TBD	3'-6"	
2	TBD	1'-9"	
3	CTR	7'-6"	TRIM_29
4	VRT	20'-3"	TRIM_11
5	VRT	19'-6"	TRIM_11
6	VPB	1'-4"	TRIM_39

MEMBER TABLE FRAME LINE 8		
MARK	PART	LENGTH
EB-103	8x50D16	4'-3 1/8"
EB-105	8x50D16	4'-3 1/8"
EC-102	8x35C16	14'-6 7/16"
EC-103	W8X18	18'-1 7/16"
EC-104	W8X31	22'-10 3/16"
EC-105	8x35C16	14'-6 7/16"
ER-100	10x50d13	36'-0 15/16"
ER-101	10x50d13	36'-0 15/16"
G-102	8X25C16	14'-3 1/2"
G-103	8X25Z16	15'-5 1/2"
G-104	8X25Z16	15'-3 1/2"
G-105	8X25C16	19'-11 1/2"
G-106	8X25Z16	22'-3 1/2"
G-107	8X25Z16	21'-5 1/2"
G-108	8X25Z16	15'-3 1/2"



ENDWALL FRAMING: FRAME LINE 8



ENDWALL SHEETING & TRIM: FRAME LINE 8

PANELS: 26 Ga. PBR - NEED KYNAR COLOR

SEAL

OCT 09 2008

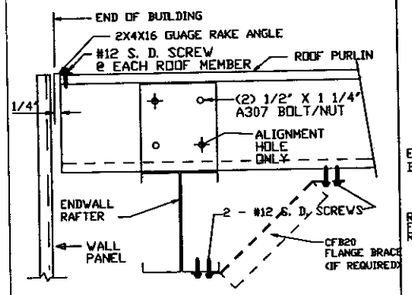
GENERAL NOTES:

(1.) IF CABLE BRACING FOR END WALL IS NOT SHOWN ON ERECTION DRAWINGS IT HAS BEEN DETERMINED THAT DIAPHRAGM PANEL ACTION IS SUFFICIENT TO RESIST LONGITUDINAL FORCES. TEMPORARY BRACING SHOULD BE PROVIDED BY ERECTOR UNTIL ALL WALL AND ROOF PANELS ARE INSTALLED.

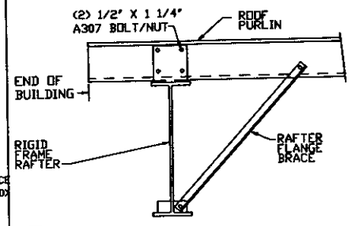
REVISIONS						
REV.	DESCRIPTION:	DATE	DTLR	DATE	CHKR	APPD

DRAWING STATUS
[ ] FOR CONSTRUCTION
[X] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN
_____

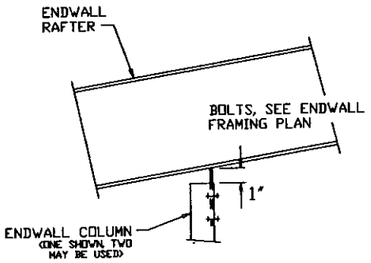
LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0	ENDWALL FRAMING	
ID	19066-2	DESIGN:	DRAFT:ARM/MMD CHECK: DB
PROJECT ADDRESS	LAKE CITY, FL 32024	DATE: 9/29/08	SHEET 9



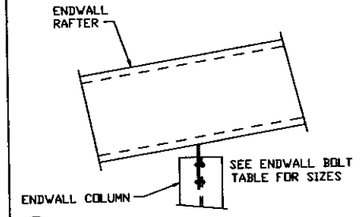
A6 SECTION THRU ENDWALL RAFTER



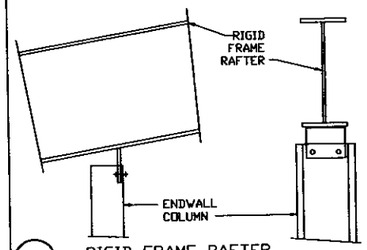
A10 ROOF PURLIN TO EXPANDABLE ENDWALL RIGID FRAME



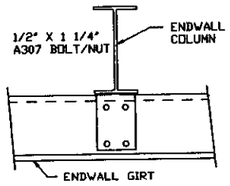
B4 ENDWALL RAFTER TO COLUMN



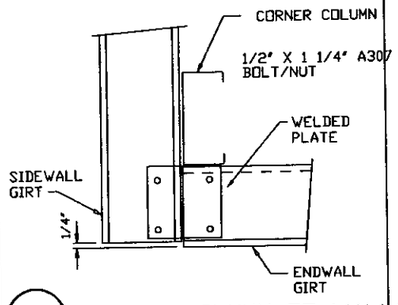
B6 ENDWALL RAFTER TO COLUMN



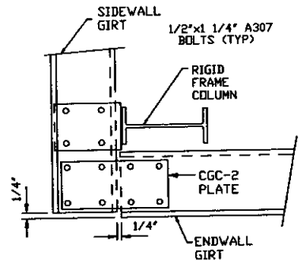
B19 RIGID FRAME RAFTER TO ENDWALL COLUMN



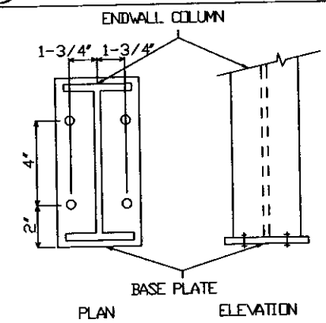
C12 ENDWALL COLUMN TO WALL GIRT



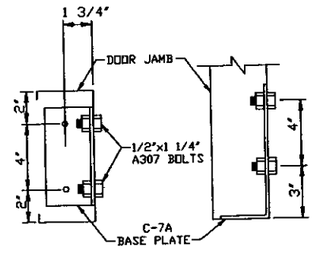
D10 CORNER COLUMN TO WALL GIRT



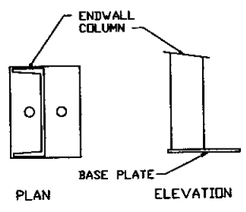
D16 CORNER COLUMN TO WALL GIRT



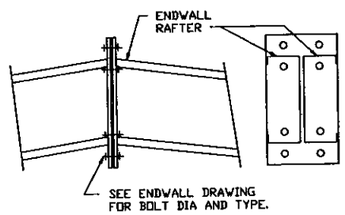
E3 BASE PLATE FOR ENDWALL COLUMN



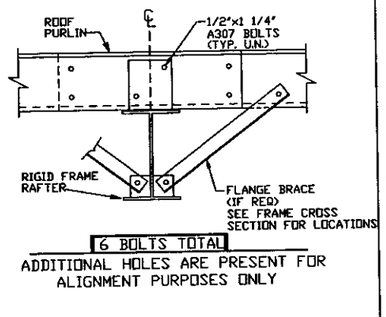
E6 BASE PLATE FOR DOOR JAMB OR ENDWALL COLUMN



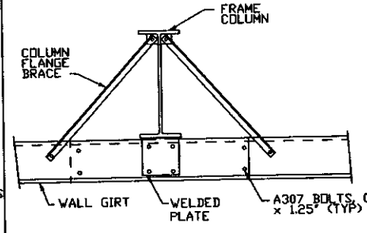
E13 BASE PLATE FOR ENDWALL COLUMN OR DOOR JAMB



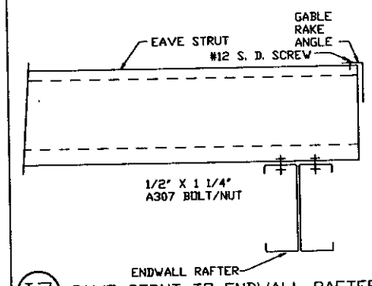
F11 RAFTER SPLICE AT SURFACE CHANGE



G2 ROOF PURLIN TO RIGID FRAME



H2 WALL GIRT TO FRAME COLUMN



I7 EAVE STRUT TO ENDWALL RAFTER

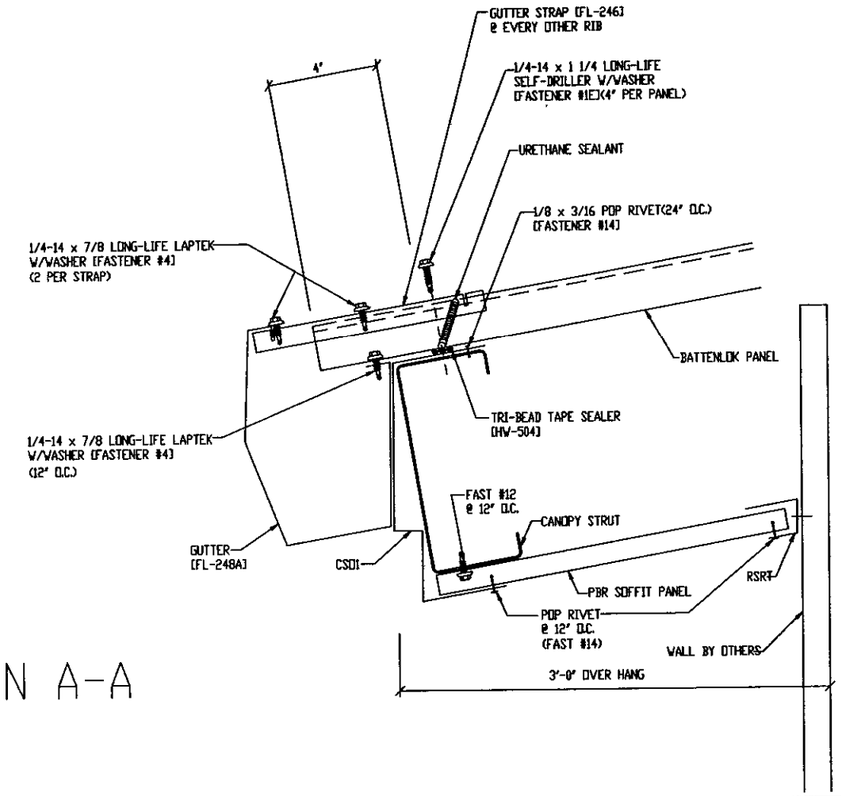
SEAL

OCT 09 2008

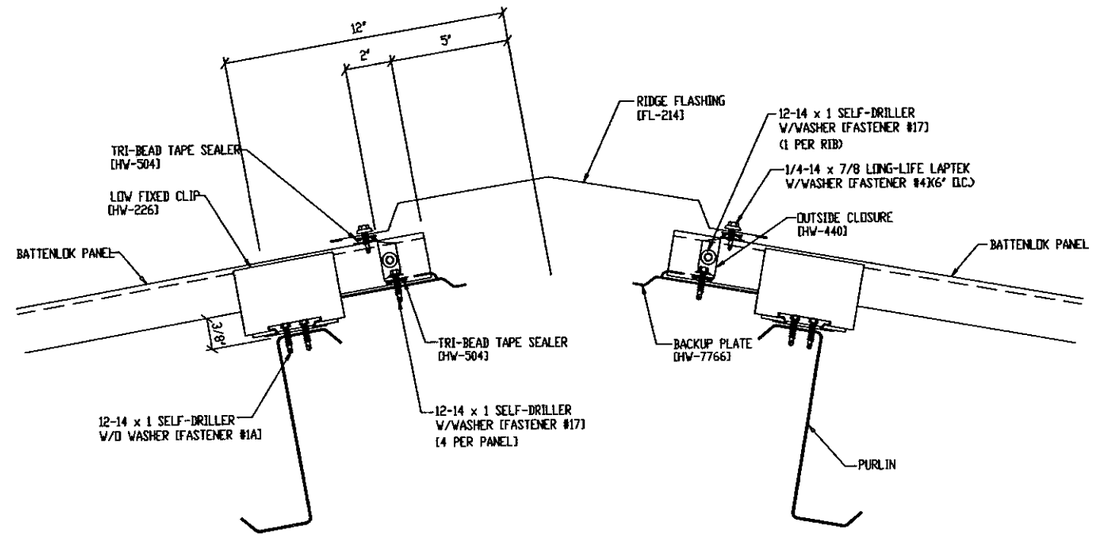
REVISIONS						
REV.	DESCRIPTION	DATE	DTLR	DATE	CHKR	APPD

DRAWING STATUS
[ ] FOR CONSTRUCTION
[X] FOR PERMIT ONLY
[ ] FOR APPROVAL
[ ] OTHER, EXPLAIN

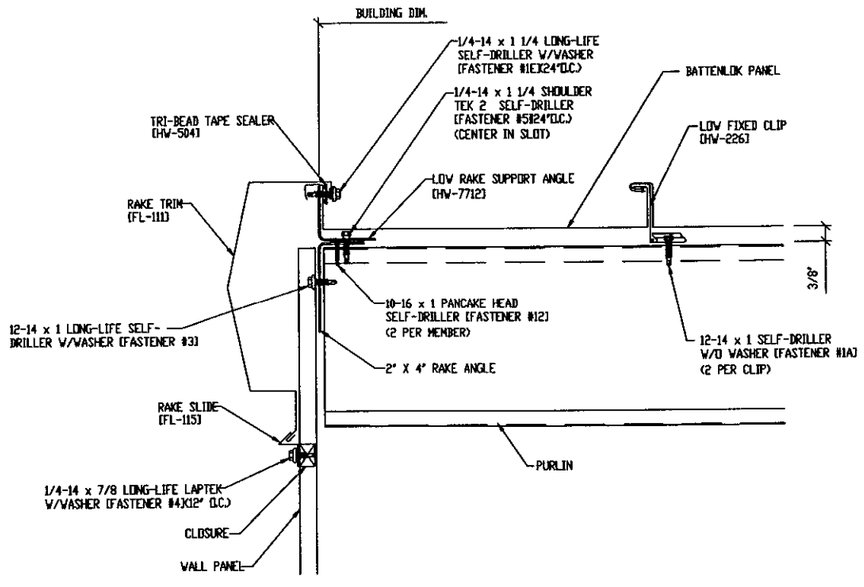
LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0	Detail Page	
ID	19066-2	DESIGN:	DRAFT:ARM/MMD CHECK: DB
PROJECT ADDRESS	LAKE CITY, FL 32024	DATE: 9/29/08	SHEET 10



SECTION A-A



SECTION C-C



SECTION B-B

SEAL

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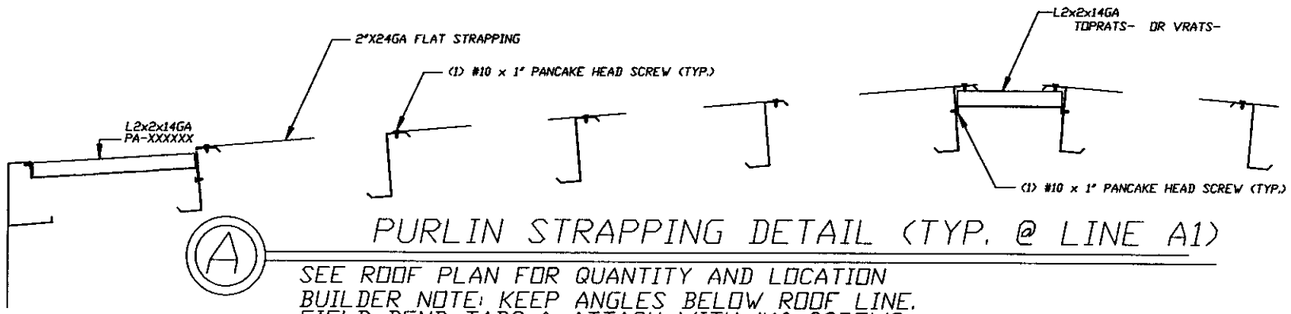
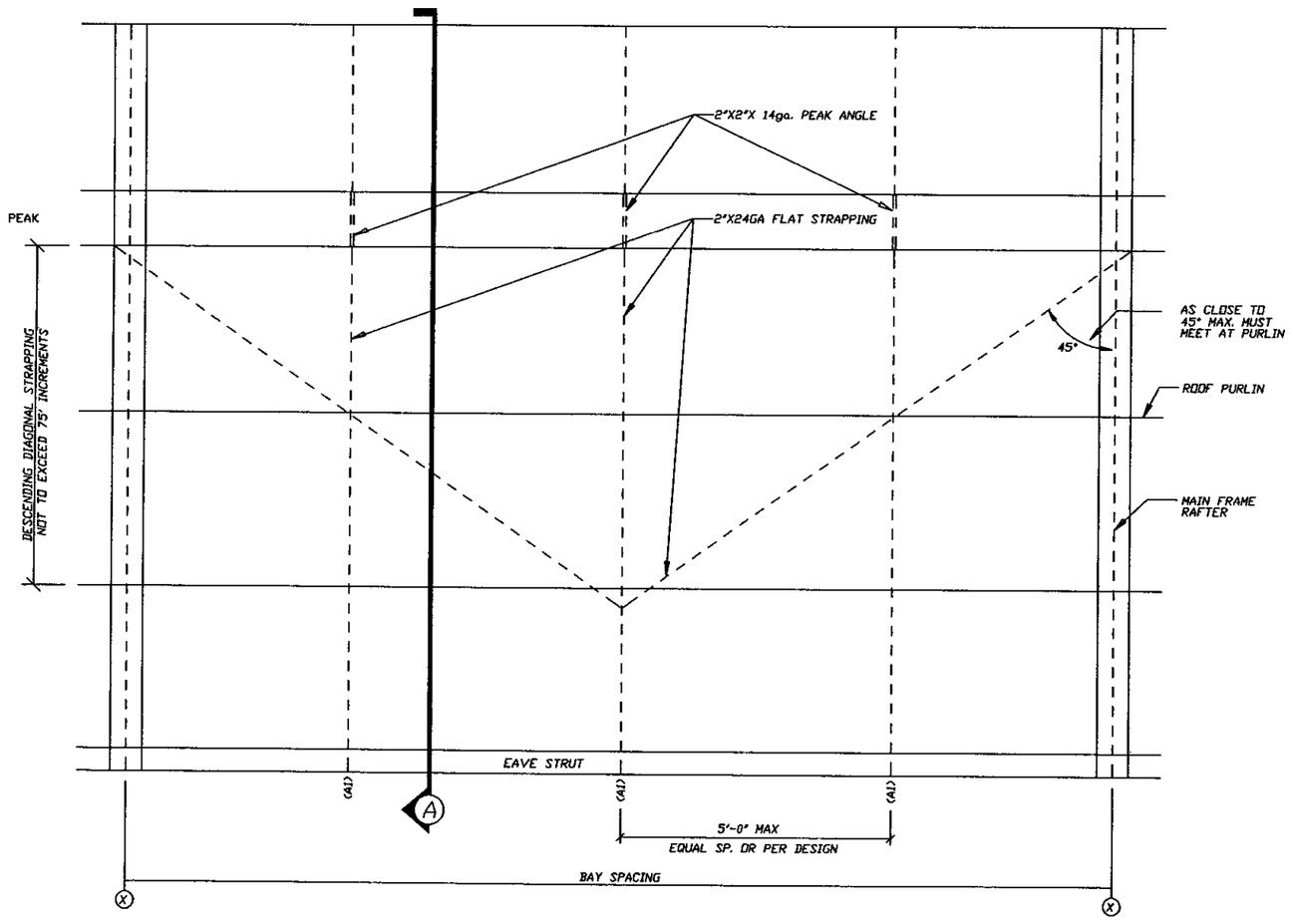
LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0
ID	19066-2
PROJECT ADDRESS	LAKE CITY, FL 32024

LIFETIME STEEL BLDGS
Detail Page
DESIGN: | DRAFT: ARM/MMD | CHECK: DB
DATE: 9/29/08 | SHEET 12



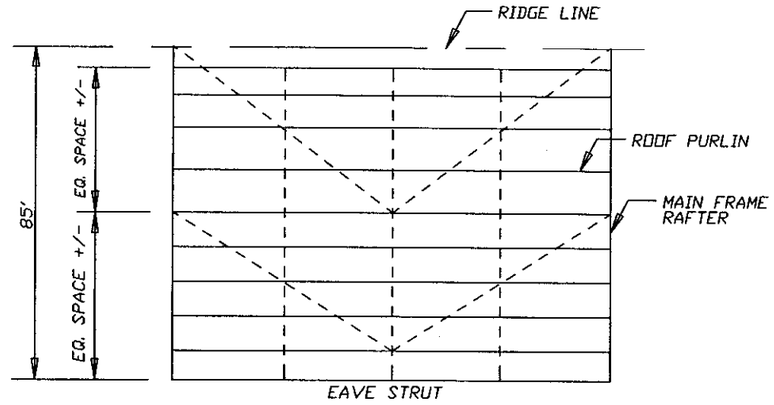
PURLIN STRAPPING DETAIL (TYP. @ LINE A1)

SEE ROOF PLAN FOR QUANTITY AND LOCATION
BUILDER NOTE: KEEP ANGLES BELOW ROOF LINE.
FIELD BEND TABS & ATTACH WITH #10 SCREWS

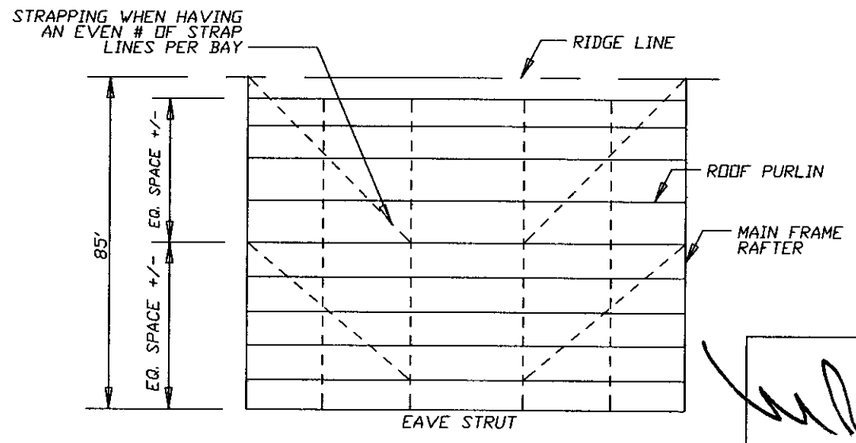


STANDING SEAM ROOFS (TOP FLANGE ONLY)
>2 1/2":12" SLOPE

USE FLAT STRAP WITH ANGLE AT 1st EAVE SPACE AND RIDGE ONLY
DESCENDING DIAGONALS AT PEAK (45° MAX. FROM PLANE OF FRAME)
DESCENDING DIAGONALS NOT TO EXCEED 75' INCREMENTS (NOMINAL EQUAL SPACES)
MAX 5'-0" O.C. WITH EQUAL SPACES OR SPACES PER DESIGN



EXAMPLE #1: ODD # OF STRAPPING PER BAY
EQUAL SPACES +/-
NOT TO EXCEED 75'-0"



EXAMPLE #2: EVEN # OF STRAPPING PER BAY
EQUAL SPACES +/-
NOT TO EXCEED 75'-0"

SEAL

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LIFETIME STEEL BLDGS		LIFETIME STEEL BLDGS	
PROJECT	70.00' x 50.6 x 16.0	Detail Page	
ID	19066-2	DESIGN:	DRAFT: ARM/MMD CHECK: DB
PROJECT ADDRESS	LAKE CITY, FL 32024	DATE: 9/29/08	SHEET 13

ENGINEERING CALCULATIONS

LIFETIME STEEL BLDGS
Job Number 19066-2
End User LIFETIME STEEL BLDGS
Job Location: LAKE CITY, FL 32024

DATE: 9/29/08
DESIGNED BY: BLS
CHECKED BY: DB
DRAWN BY : ARM/MMD

DESIGN PARAMETERS

BUILDING DESCRIPTION:

NOMINAL WIDTH:	70	feet
NOMINAL LENGTH:	50.67	feet
EAVE HEIGHT, BACK S.W:	16	feet
EAVE HEIGHT, FRONT S.W:	16	feet
ROOF SLOPE, LEFT:	3.0:12	
ROOF SLOPE, RIGHT:	3.0:12	

COMMENTS

DESIGN LOADS

BUILDING CODE:	FBC 06	
FRAME SELF WEIGHT:	INCLUDED	
ROOF DEAD LOAD:	2.000	psf
COLLATERAL LOAD:	1	psf
LIVE LOAD:	20.00	psf
SNOW LOAD, ROOF:	NR	psf
WIND SPEED: (3 SEC GUST)	140	mph
WIND EXPOSURE:	B	
CLOSURE 'C, O, P' :	Closed	
IMP. FACTOR, WIND :	1.15	

OCCUPANCY CATEGORY :IV - ESSENTIAL FACILITIES

SEISMIC PARAMETERS:

SEISMIC IMPORTANCE:	1.50
SEISMIC RESPONSE COEF. :	0.057
SEISMIC DESIGN CATEGORY:	D

DESIGNED SPECTRAL ACCELERATION PARAMETER 'SDS' - (SHORT PERIODS):0.1333
DESIGNED SPECTRAL ACCELERATION PARAMETER 'SD1' - (1 SEC PERIODS): 0.1008
MAPPED SPEC. RESPONSE ACC. 'SS' - (SHORT PERIODS): 0.1250
MAPPED SPEC. RESPONSE ACC. 'S1' - (1 SEC PERIOD): 0.0630
RESPONSE MODIFICATION FACTOR: 3.5
SITE CLASS (ASSUMED) : D
BASIC SEISMIC-FORCE RESISTING SYSTEM MOMENT RESISTING FRAME
DESIGN BASE SHEAR :V=Cs * W
ANALYSIS PROCEDURE :EQUIVALENT LATERAL FORCE PROCEDURE

SNOW :

FLAT ROOF SNOW LOAD Pf :	NR	psf
GROUND SNOW LOAD Pg :	0.0000	psf
SNOW LOAD IMP. FACTOR	NR	
THERMAL FACTOR Ct :	NR	
SNOW EXP. FACTOR Ce :	NR	

GENERAL NOTES

1. MATERIALS

	ASTM DESIGNATION	
STRUCTURAL STEEL PLATE	A529 OR A572 OR A570 OR A607	GRADE 50
COLD FORMED LIGHT GAGE SHAPES	A570 OR A607	GRADE 55
BRACE RODS	A572	GRADE 65, UNLESS NOTED
HOT ROLLED MILL SHAPES	A36 OR A572	FY= 36 KSI OR GRADE 50
ROOF AND WALL SHEETS	A653 OR A792	GRADE 50
BOLTS	A307, A325, AND A490	A307 UNLESS NOTED
BUILT-UP MEMBERS	A570	GRADE 50 OR 55

2. STRUCTURAL PRIMER

SHOP PRIMER PAINT IS A RUST INHIBITIVE PRIMER AND IT'S COLOR IS RED OXIDE. THIS PAINT IS NOT INTENDED FOR LONG TERM EXPOSURE TO THE ELEMENTS.

3. A325 BOLT TIGHTENING REQUIREMENTS

ALL HIGH STRENGTH BOLTS ARE A325-N UNLESS SPECIFICALLY NOTED OTHERWISE.

STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE TURN-OF-THE-NUT METHOD IN ACCORDANCE WITH THE 13th EDITION AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS". PER SECTION 8.2, A325 BOLTSMAY BE INSTALLED WITHOUT WASHERS WHEN TIGHTENED BY THE TURN-OF-THE NUT METHOD.

ALL HIGH STRENGTH BOLTS, EXCEPT AS NOTED OTHERWISE, ARE SUBJECT TO DIRECT TENSION AND MAY REQUIRE INSPECTION AS DEFINED BY THE APPLICABLE BUILDING CODE OR STANDARD. IT IS THE RESPONSIBILITY OF THE ERECTOR TO ASSURE PROPER TIGHTNESS.

4. BUILDER/CONTRACTOR RESPONSIBILITIES

THE METAL BUILDING MANUF.'S STANDARD PRODUCT SPECIFICATIONS APPLY AND UNLESS STIPULATED OTHERWISE IN THE CONTRACT DOCUMENTS, THE METAL BUILDING MANUF.'S DESIGN, FABRICATION, QUALITY CRITERIA STANDARDS AND TOLERANCES WILL GOVERN THE WORK.

IN CASE OF DISCREPANCIES BETWEEN METAL BUILDINGS MANUF. STRUCTURAL PLANS AND PLANS FOR OTHER TRADES. THE METAL BUILDING MANUF.'S PLANS SHALL GOVERN.

IT IS THE RESPONSIBILITY OF THE BUILDER / CONTRACTOR TO OBTAIN APPROPRIATE APPROVALS AND NECESSARY PERMITS FROM CITY, COUNTY, STATE, OR FEDERAL AGENCIES, AS REQUIRED.

APPROVAL OF METAL BUILDING MANUF.'S DRAWINGS CONSTITUTES THE BUILDER / CONTRACTOR'S ACCEPTANCE OF THE METAL BUILDING MANUF.'S INTERPRETATION OF THE CONTRACT PURCHASE ORDER.

ONCE THE BUILDER / CONTRACTOR OR A/E FIRM HAS SIGNED MANUF.'S APPROVAL PACKAGE, CHANGES FROM THE PURCHASE ORDER BY THE BUILDER WILL BE BILLED TO THE BUILDER / CONTRACTOR FOR MATERIAL, ENGINEERING AND HANDLING FEES. SUCH CHANGES MAY CAUSE THE PROJECT TO BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE. A PENALTY FEE MAY BE CHARGED IF THE PROJECT MUST BE MOVED FROM THE FABRICATION AND / OR SHIPPING SCHEDULE, AS LONG AS THE MANUF.'S DESIGN AND DETAILING APPROACH COMPLIES WITH THE PURCHASE ORDER.

THE BUILDER / CONTRACTOR OR A/E FIRM ARE RESPONSIBLE FOR THE OVERALL PROJECT CONDITION. ALL INTERFACE AND COMPATIBILITY CONCERNING ANY MATERIALS NOT FURNISHED BY THE MANUF. ARE TO BE CONSIDERED AND COORDINATED BY THE BUILDER / CONTRACTOR OR A/E FIRM. UNLESS SPECIFIC DESIGN CRITERIA CONCERNING THIS INTERFACE BETWEEN MATERIALS IS FURNISHED AS PART OF THE PURCHASE ORDER. THE METAL BUILDING MANNUF.'S ASSUMPTIONS WILL GOVERN.

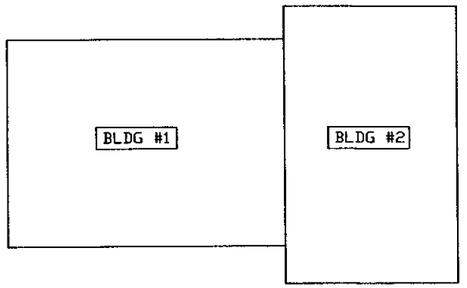
THE BUILDER / CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL OTHER PROJECT PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE REQUIREMENTS OF ANY GOVERNING BUILDING AUTHORITY. SUPPLYING SEALED ENGINEERING DESIGN DATA AND DRAWINGS BY THE BUILDING MANUF. DOES NOT IMPLY OR CONSTITUTE AN AGREEMENT THAT THE BUILDING MANUF. OR ITS DESIGN ENGINEER IS ACTING AS THE ENGINEER OF RECORD OR DESIGN PROFESSIONAL FOR THE CONSTRUCTION PROJECT. THESE DRAWINGS AND DESIGN DATA ARE SEALED AS TO THE STRUCTURAL SYSTEM FURNISHED BY THE METAL BUILDING MANUF. IN COMPLIANCE WITH ALL REQUIREMENTS OF THE PURCHASE ORDER.

THE BUILDER / CONTRACTOR IS RESPONSIBLE FOR SETTING OF ANCHOR BOLTS AND ERECTION OF STEEL BUILDING COMPONENTS IN ACCORDANCE WITH THE METAL BUILDING MANUF.'S "FOR CONSTRUCTION" DRAWINGS. TEMPORARY SUPPORTS OR BRACING REQUIRED FOR THE BUILDING ERECTION WILL BE THE RESPONSIBILITY OF THE ERECTOR TO DETERMINE, FURNISH, AND INSTALL.

THE METAL BUILDING MANUF. DOES NOT WARRANT STRUCTURAL INTEGRITY OF ANY COMPONENTS FIELD MODIFIED OR DESIGNED AND FABRICATED BY OTHERS. NEITHER DO WE ACCEPT DESIGN RESPONSIBILTY FOR THE EFFECTS NON STANDARD COMPONENTS DESIGNED BY OTHERS MAY HAVE ON THE SYSTEM IN GENERAL.

FLORIDA PRODUCT APPROVAL INFORMATION

	APPROVAL #
22 GA. 22 BATTENLOK PANEL - ROOF PANEL	FL 7353.1
26 GA. 26 PBR - WALL PANEL	FL 5335.1
9" X 10' RIDGE VENT	FL 8069.1



SHEETING		
ROOF PANEL:		
GAUGE	PANEL TYPE	COLOR
22 GA.	22 BL-HS	NEED KYNAR COLOR
WALL PANEL:		
GAUGE	PANEL TYPE	COLOR
26 GA.	26 PBR	NEED KYNAR COLOR
SOFFIT PANEL:		
GAUGE	PANEL TYPE	COLOR
26 GA.	26 PBR	NEED KYNAR COLOR
WALL TRIM COLOR:		
NEED KYNAR COLOR		
GABLE TRIM COLOR:		
NEED KYNAR COLOR		

ENGINEER'S STAMP

OCT 09 2008

COLUMBIA COUNTY BUILDING DEPARTMENT
FILE COPY
DATE
Columbia County

DRAWING RELEASE HISTORY

DATE SENT	REASON FOR RELEASE
	A
	B
	C
	D
	E
	F
	G
	H
	I
	J
	K
	L
	M

DRAWING REVISIONS

REVISION	DATE	BY	DESCRIPTION

SPECIAL NOTE:

BUILDING IS NOT STRUCTURALLY SOUND UNTIL ALL WALL COVERING, ROOF SHEETS, AND PERMANENT BRACING IS INSTALLED. BUILDER / CONTRACTOR IS RESPONSIBLE FOR SUPPORTS OR TEMPORARY BRACING DURING ERECTION, HE SHALL FURNISH, AND INSTALL THESE TEMPORARY SUPPORTS WHERE NECESSARY. TEMPORARY SUPPORTS ARE NOT PROVIDED BY THE METAL BUILDING MANUFACTURER.