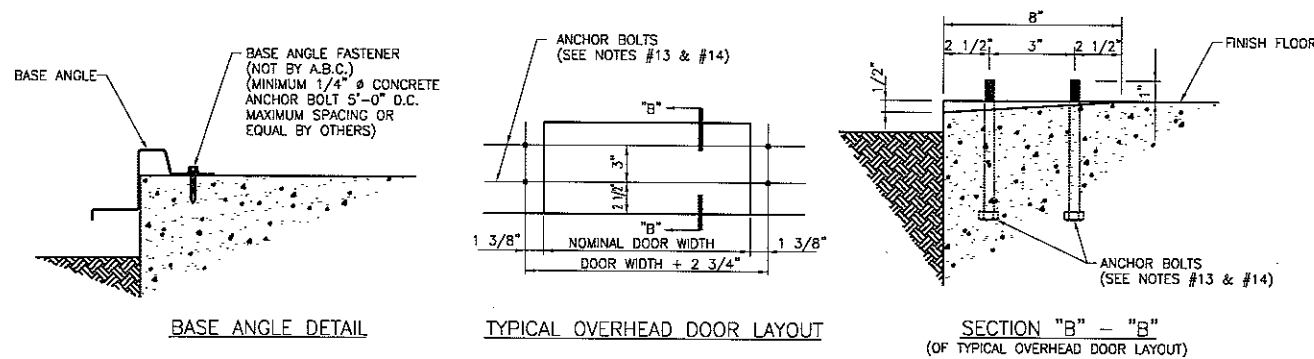


GENERAL FOUNDATION NOTES AND CONCRETE DETAILS

- AMERICAN BUILDINGS COMPANY ASSUMES NO RESPONSIBILITY OR LIABILITY FOR FOUNDATION, FLOOR OR SLAB DESIGN OR CONSTRUCTION.
- THE FOUNDATION DESIGN SHOULD BE DONE WITH DUE REGARD TO THE SPECIFIC SOIL CONDITIONS PRESENT AT THE ACTUAL JOBSITE.
- FOUNDATION MUST BE DESIGNED FOR THE APPLICABLE REACTIONS AS THEY APPLY TO A PARTICULAR BUILDING AND MUST BE ADEQUATE TO RESIST ALL OF THE CRITICAL COMBINATIONS FOR EACH OF THE VARIOUS LOADING CONDITIONS. THESE REACTIONS AND LOAD COMBINATIONS MUST BE USED TO DETERMINE THE DESIGN LOADS TO BE RESISTED BY THE FOUNDATIONS.
- REINFORCING BARS, WIRE MESH, ANCHOR BOLT SHEAR ANGLES, TIE RODS AND / OR HAIRPINS (HOOK BARS) SHOULD BE INCORPORATED AS REQUIRED INTO THE FOUNDATION DESIGN. THE HORIZONTAL THRUST AT THE COLUMN BASE ACTING IN CONJUNCTION WITH APPLICABLE VERTICAL REACTIONS, MUST BE SUSTAINED BY HAIRPINS, TIE RODS, BUTTRESSES, OR OTHER DEPENDABLE MEANS.
- COLUMN FOOTING SHOULD EXTEND A MINIMUM OF 12 INCHES INTO NATURAL SOIL, OR WHERE FILL IS USED, THE FILL MUST BE PROPERLY COMPACTED OR THE FOOTING SHALL EXTEND TO THE NATURAL GRADE. IN ALL CASES THE FOOTING SHALL EXTEND AT LEAST 6 INCHES BELOW THE LOCAL FROST LINE.
- EXPANSION OR CONSTRUCTION JOINTS SHALL BE LOCATED AS REQUIRED IN FOUNDATION WALLS AND SLAB.
- THE TOP OF THE FOUNDATION OR FLOOR SHALL BE SQUARE, LEVEL AND SMOOTH. ANCHOR BOLTS SHALL BE ACCURATELY SET TO A TOLERANCE ±1/16 INCH ON DIMENSIONS WITHIN THE GROUP SPACING FOR AN INDIVIDUAL COLUMN. ALL OTHER DIMENSIONS SHALL HAVE A ±1/8 INCH TOLERANCE.
- COLUMN BASE PLATES ARE DESIGNED NOT TO EXCEED THE ALLOWABLE BEARING STRESS OF CONCRETE THAT HAS A MINIMUM COMPRESSIVE STRENGTH OF 2500 P.S.I. AT 28 DAYS.
- UNLESS EXPLICITLY NOTED OTHERWISE, ALL EMBEDDED STRUCTURAL STEEL (INCLUDING ANCHOR BOLTS), OTHER MATERIALS, AND LABOR SHALL BE SUPPLIED BY THE FOUNDATION CONTRACTOR.
- ANCHOR BOLTS SHOULD BE AS SHOWN AND CALLED FOR, INCLUDING PROJECTION FROM CONCRETE, DIAMETER AND QUANTITY.
- THE EMBEDMENT OF THE ANCHOR BOLTS IN THE CONCRETE AND CONFIRMING ADEQUACY OF ANCHOR BOLT EDGE DISTANCE IS THE RESPONSIBILITY OF THE FOUNDATION DESIGNER. THE FRAME REACTIONS ARE CONSIDERED THE MINIMUM LOADS TO BE DEVELOPED.
- ALL ANCHOR BOLTS SHALL BE ASTM A307 OR EQUAL IN ORDER TO CONFORM TO A.B.C. DESIGN ASSUMPTIONS BASED ON THE ALLOWABLE STRESSES GIVEN IN THE AISC MANUAL OF STEEL CONSTRUCTION.
- ALL ANCHOR BOLTS SHALL HAVE A 3 INCH PROJECTION (UNLESS NOTED) ABOVE THE CONCRETE BEARING SURFACE, EXCEPT 1/2 INCH DIAMETER BOLTS LOCATED AT DOORS WHICH SHALL HAVE A PROJECTION OF 1 INCH. ALL BOLTS SHALL HAVE A MINIMUM THREAD LENGTH 1/4 INCH LESS THAN THE PROJECTION. PROJECTING THREADS SHOULD BE GREASED OR OTHERWISE PROTECTED PRIOR TO COLUMN ERECTION.
- ANCHOR BOLT DIAMETERS FOR THE PRIMARY FRAMING AND ENDWALL FRAMING ARE DENOTED AT RESPECTIVE BASE PLATE DETAILS OR ON THE BOLT PLACEMENT PLAN. ANCHOR BOLTS FOR FRAMED OPENINGS SHALL BE 1/2 INCH DIAMETER UNLESS OTHERWISE NOTED.



CERTIFICATION AND SCHEDULE OF DRAWINGS

THIS IS TO CERTIFY THAT THE METAL BUILDING COMPONENTS AND BUILDING SYSTEM FURNISHED BY A.B.C. ARE DESIGNED TO COMPLY WITH THE FOLLOWING CRITERIA:
THESE DESIGN LOADS AND COMBINATIONS ARE APPLIED IN ACCORDANCE WITH:

2003 International Building Code

DESIGN LOADS	DESIGN LOAD COMBINATIONS
METAL BUILDING DEAD LOAD (D) COLLATERAL LOAD (C) 5 psf On Roof Members 5 psf On Supporting Frames	D + L D+C + L D + S D+C + S D + W D+C + W
ROOF LIVE LOAD (L) 20 psf on Roof Members With Reduction On Supporting Frames As Permitted By Code	1.02D + 0.70E 1.02(D+C) + 0.70E D + 3/4L + 3/4W D+C + 3/4L + 3/4W D + 3/4S + 3/4W D+C + 3/4S + 3/4W
SNOW LOAD (S) 5 psf Roof Snow Load Roof Exposure Condition = Fully Exposed: Roofs exposed on all sides with no shelter afforded by terrain, higher structures or trees. Thermal Condition = All structures that do not otherwise qualify as "Structures kept just above freezing", or "Unheated structures", or "Continuously heated greenhouses". 5 psf Ground Snow Load Thermal Factor = 1.0 Snow Exposure Factor = 0.9 Snow Importance Factor = 1.0	1.02D + 3/4L + 3/4E 1.02(D+C) + 3/4L + 3/4E 0.80D + W 0.80(D+C) + W 0.58D + 0.70E D+C + CR D+C + 0.75S + CR D+C + 0.50W + CR
WIND LOAD (W) Exposure (Terrain) Category = C. Open terrain with scattered obstructions, including surface undulations or other irregularities having heights generally less than 30 feet extending more than 1500 feet from site. 140 mph Basic Wind Speed (3-second gust) Open Condition = Enclosed GCp1 = +0.18 and -0.18 Wind Importance Factor = 1.0	
SEISMIC LOAD (E) Equivalent Lateral Force Procedure Site Classification = D. Stiff soil profile Ss=12.5 %g, S1=6 %g Seismic Importance Factor = 1.0 Seismic Design Category = B, Seismic Use Group = I Sds=0.13, Sd1=0.10, Cs=0.04, R(OCBF X-Brocing)=3.5, R(OMF Rigid Frame)=3.5 Classification of Building = II. All buildings and other structures except those listed in Categories I, III, and IV	

- NOTES:
1. ROOF DESIGN IS BASED ON THE LARGER OF LIVE LOAD OR ROOF SNOW LOAD.
2. ALL FIELD WELDING IS TO BE PERFORMED BY WELDERS QUALIFIED IN ACCORDANCE WITH ANSI/AWS B2.1 FOR THE WELD PROCESS AND POSITION REQUIRED. SHIELDED METAL ARC WELD ELECTRODES TO BE E70XX.

THIS CERTIFICATION IS LIMITED TO THE STRUCTURAL DESIGN OF THE FRAMING AND COVERING PARTS MANUFACTURED BY AMERICAN BUILDINGS COMPANY. ACCESSORY ITEMS SUCH AS DOORS, WINDOWS, LOUVERS, TRANSLUCENT PANELS AND VENTILATORS ARE NOT INCLUDED. ALSO EXCLUDED ARE OTHER PARTS OF THE PROJECT NOT PROVIDED BY AMERICAN BUILDINGS COMPANY SUCH AS FOUNDATIONS, MASONRY WALLS, MECHANICAL EQUIPMENT AND THE ERECTION AND INSPECTION OF THE BUILDING. THE BUILDING SHALL BE ERECTED ON A PROPERLY DESIGNED FOUNDATION IN ACCORDANCE WITH THE AMERICAN BUILDINGS COMPANY "GENERAL ERECTION GUIDE", THE MBMA MANUAL, LATEST EDITION AND THE JOB ERECTION DRAWINGS. THE DRAWINGS LISTED ON THIS SHEET SHALL REMAIN WITH AND BECOME PART OF THIS CERTIFICATION.

PRODUCT APPROVALS AND CERTIFICATIONS:

- UNIFORM BUILDING CODE (ICBO) - # FA-285-CARSON CITY, NEVADA PLANT.
- INDIANA - 3 MASTER PLAN FILE NUMBERS
CABLE BUILDINGS : M-295147
SINGLE SLOPE BUILDINGS : M-295140
LEAN-TO BUILDINGS : M-295144
- WISCONSIN-#200232-M, 13 BASIC STYLES.
- CITY OF CLEVELAND, OHIO DOCKETS S-52-82.
- CANADIAN WELDING BUREAU DIVISION I CERTIFICATION AT EL PASO, CARSON CITY & LACROSSE.
- AISC QUALITY CERTIFICATION, CATEGORY MB.
- PLANT CERTIFICATION AT CARSON CITY FOR CITY OF SEATTLE AND FOR OGDEN, UTAH.
- CITY OF LOS ANGELES FABRICATORS LICENSE #1390 AT CARSON CITY PLANT.
- CITY OF HOUSTON, TEXAS FABRICATOR APPROVAL #47B.
- STANDING SEAM II / STANDING SEAM 360 WIND UPLIFT-CLASS 90 (UL 90) CONSTRUCTION N.O.S 93 AND 210A AS LISTED IN UNDERWRITERS LABORATORIES ROOFING MATERIALS AND SYSTEM DIRECTORY.
- LOC SEAM / LOC SEAM 360 WIND UPLIFT-CLASS 90 (UL 90) CONSTRUCTION N.O.S 238, 238A, 238B, 238C, 331, 332, 338, 435, 451, 487 & 567 AS LISTED IN UNDERWRITERS LABORATORIES ROOFING MATERIALS AND SYSTEM DIRECTORY.
- LONG SPAN / LONG SPAN III PANEL WIND UPLIFT-CLASS 90 (UL 90) CONSTRUCTION N.O.S 71, 161 & 167 AS LISTED IN UNDERWRITERS LABORATORIES ROOFING MATERIALS AND SYSTEM DIRECTORY.
- 22 GA. STANDING SEAM 360 HAS MET FACTORY MUTUAL STANDARD 4471 UP TO AND INCLUDING 1-120.
- 24 GA. STANDING SEAM 360 HAS MET FACTORY MUTUAL STANDARD 4471 UP TO AND INCLUDING 1-120, CORPS OF ENGINEERS GUIDE SPECIFICATION 07416 AND HAS BEEN TESTED IN ACCORDANCE WITH ASTM E-1592.
- 24 & 26 GA. LONGSPAN III HAS MET FACTORY MUTUAL STANDARD 4471 UP TO AND INCLUDING 1-150.
- 22 GA. LOC-SEAM 360 HAS MET FACTORY MUTUAL STANDARD 4471 UP TO AND INCLUDING 1-180.
- 24 GA. LOC-SEAM 360 HAS MET FACTORY MUTUAL STANDARD 4471 UP TO AND INCLUDING 1-120, CORPS OF ENGINEERS GUIDE SPECIFICATION 07416 AND HAS BEEN TESTED IN ACCORDANCE WITH ASTM E-1592.
- 24 GA. LOC-SEAM MODIFIED WITH 3M-VHB TAPE #4950 MEETS CORPS OF ENGINEERS GUIDE SPECIFICATION 07416.
- MIAMI-DADE COUNTY, FLORIDA ACCEPTANCE NO. 06-0320.22 - 24 GA. STRUCTURAL STEEL 3" X 24" STANDING SEAM 360
- MIAMI-DADE COUNTY, FLORIDA ACCEPTANCE NO. 00-0929.18 - 22 GA. STRUCTURAL STEEL 3" X 24" STANDING SEAM 360
- MIAMI-DADE COUNTY, FLORIDA ACCEPTANCE NO. 00-0929.06 - 22 GA. STRUCTURAL STEEL 2" X 16" LOC SEAM 360
- MIAMI-DADE COUNTY, FLORIDA ACCEPTANCE NO. 06-0320.23 - 24 GA. NON-STRUCTURAL (ARCHITECTURAL) METAL ROOFING 2" X 16" LOC SEAM 360 OVER STEEL DECK.
- MIAMI-DADE COUNTY, FLORIDA ACCEPTANCE NO. 05-0726.02 - 24 GA. NON-STRUCTURAL (ARCHITECTURAL) METAL ROOFING 2" X 16" LOC SEAM 360 OVER WOOD DECK.
- MIAMI-DADE COUNTY, FLORIDA ACCEPTANCE NO. 03-0530.03 24 GA. STRUCTURAL STEEL 1 1/4" X 36" LONG SPAN III ROOF PANEL
- MIAMI-DADE COUNTY, FLORIDA ACCEPTANCE NO. 03-0530.05 24 GA. STRUCTURAL STEEL 1 1/4" X 36" LONG SPAN III WALL PANEL
- MIAMI-DADE COUNTY, FLORIDA ACCEPTANCE NO. 03-0530.04 24 GA. STRUCTURAL STEEL 1 1/4" X 36" ARCHITECTURAL III WALL PANEL
- FLORIDA PRODUCT APPROVAL FOR STRUCTURAL COMPONENTS (FL694), ROOFING (FL704) AND PANEL WALLS (FL705).

SHEET NUMBER	DATE	REV. NO.	SHEET NUMBER	DATE	REV. NO.
ABC-1	1	9/19/07	SED-001	0	6/12/07
ABC-2	1	9/19/07	SED-002	0	6/12/07
AB-1	0	6-11-07	SED-003	1	9/19/07
AB-2	1	7-6-07	SED-004	0	6/12/07
AB-3	0	6-11-07	SED-005	0	6/12/07
E-01	0	6-12-07	SED-006	0	6/12/07
E-02	1	9/19/07	SED-007	0	6/12/07
E-02A	1	9/19/07	SED-008	0	6/12/07
E-03	1	9/19/07	SED-009	0	6/12/07
E-04	0	6-12-07	SED-010	0	6/12/07
E-05	0	6-12-07	SED-011	0	6/12/07
E-06	0	6-12-07	SED-012	0	6/12/07
E-07	0	6-12-07	SED-013	0	6/12/07
E-08	1	7/17/07	SED-014	0	6/12/07
E-09	0	6-12-07	SED-015	0	6/12/07
E-10	0	6-12-07	SED-016	0	6/12/07
E-11	1	7/17/07			
E-12	2	9/19/07			
E-12A	1	9/19/07			
E-13	2	9/19/07			
E-14	2	9/19/07			

THE CERTIFYING ENGINEER HERewith IS NOT THE ENGINEER OF RECORD FOR THE OVERALL PROJECT AND IS ONLY CERTIFYING THAT THE DESIGN OF THE METAL BUILDING COMPONENTS FURNISHED BY AMERICAN BUILDINGS COMPANY SATISFY THE DESIGN REQUIREMENTS SPECIFIED ABOVE AND ON THE A.B.C. CONTRACT. THIS CERTIFICATION EXCLUDES THE ERECTION OF THE STRUCTURE.

THE INFORMATION LISTED BELOW IS ASSUMED FOR THE PURPOSES OF DESIGNING THE BUILDING AND IS BASED ON REASONABLE LOAD CRITERIA FOR THE TYPE CRANE INDICATED. AMERICAN BUILDINGS CO. WILL NOT ASSUME ANY RESPONSIBILITY FOR CRANE LOADS WHICH EXCEED THESE ASSUMPTIONS. ALL REACTIONS SHOWN ON OUR ERECTION DRAWINGS ARE DERIVED FROM THIS DATA.

AISC LOADING CONDITION ONE IS USED FOR CALCULATING FATIGUE STRESS IN OUR DESIGN. AMERICAN BUILDINGS CO. WILL NOT ASSUME ANY RESPONSIBILITY FOR CRANE LOAD CLASS AND USEAGE EXCEEDING THIS REQUIREMENT.

TYPE OF CRANE	:TOP RUNNING
TYPE OF END TRUCK	:SINGLE END TRUCK 2 WHEELS
YIELD STRESS	:50KSI
BRIDGE SPAN	: 99'4" FT
IMPACT FOR SINGLE CRANE	: 10 FT
RUNWAY SPAN	: 25 FT
UNBRACED LENGTH FOR RUNWAY BEAM	: 25 FT
RUNWAY RAIL SIZE	: 60 LBS/FT
ALLOWABLE VERTICAL DEFLECTION	: L/600
ALLOWABLE HORIZONTAL DEFLECTION	: L/400
CRANE CAPACITY FOR SINGLE CRANE	: 40 M. TONS
TROLLY WEIGHT FOR SINGLE CRANE	: 8.7 KIPS
BRIDGE WEIGHT	: 62.2 KIPS
WHEEL LOAD FOR SINGLE CRANE	: 31.2 KIPS
WHEEL BASE FOR SINGLE CRANE	: 46'9" FT

BASIC MATERIAL SPECIFICATIONS

PRIMARY FRAMING STEEL

- STEEL FOR MILL-ROLLED STRUCTURAL SECTIONS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 36, ASTM A 572 GRADE 50 OR 55, OR ASTM A 992 WITH A MINIMUM YIELD OF 50 KSI.
- STEEL FOR ALL BUILT-UP SECTIONS SHALL CONFORM TO ONE OR MORE OF THE FOLLOWING:
A. ASTM A 1011 SS, GRADE 55
B. ASTM A 1011 HSLAS, GRADE 55, CLASS 1
C. ASTM A 572 GRADE 55
D. ASTM A 529 GRADE 55
- STEEL FOR ENDWALL "C" SECTIONS SHALL CONFORM TO ASTM A 1011 SS, GRADE 55, OR HSLAS, GRADE 55, CLASS 1
- STEEL FOR ROUND PIPE SECTIONS SHALL CONFORM TO ASTM A 53, TYPE E OR S, GRADE B, OR ASTM A 500 GRADE B

SECONDARY FRAMING STEEL

- STEEL USED TO FORM PURLINS, GIRTS, EAVE STRUTS AND "C" SECTIONS SHALL CONFORM TO ASTM A1011 SS, GRADE 55, OR HSLAS GRADE 55, CLASS 1, OR IF GALVANIZED SHALL CONFORM TO ASTM A653 SS, GRADE 55, G90 OR HSLAS, GRADE 55, CLASS 1, G90.

ROOF AND WALL PANEL MATERIAL

- EXTERIOR PANELS SHALL CONFORM TO ONE OF THE FOLLOWING:
PANEL MATERIAL SHALL BE ALUMINUM-ZINC ALLOY-COATED STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A 792 SS, GRADE 80. MATERIAL MAY BE EITHER 26 OR 24 GAGE.
PANEL MATERIAL SHALL BE ALUMINUM-ZINC ALLOY-COATED STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A 792 SS, GRADE 50, CLASS 2. MATERIAL MAY BE EITHER 24 OR 22 GAGE.
PANEL MATERIAL SHALL BE ZINC-COATED (GALVANIZED) STEEL, COATING DESIGNATION G90, CONFORMING TO THE REQUIREMENTS OF ASTM A 653 SS, GRADE 80 OR HSLAS, TYPE A OR B, GRADE 80. MATERIAL MAY BE EITHER 26 OR 24 GAGE.
PANEL MATERIAL SHALL BE ZINC-COATED (GALVANIZED) STEEL, COATING DESIGNATION G90, CONFORMING TO THE REQUIREMENTS OF ASTM A 653 SS, GRADE 50, CLASS 3. MATERIAL MAY BE EITHER 24 OR 22 GAGE.

BRACE MATERIALS:

- BRACE CABLES: ASTM A 475, 7-STRAND EHS WIRE CABLE BC4 = 1/4" DIA. BC5 = 5/16" DIA.
BC6 = 3/8" DIA. BC8 = 1/2" DIA.

*AS A MINIMUM AND SECONDARY TO MORE STRENUOUS JOB SPECIFIC REQUIREMENTS, PROJECTS LOCATED IN CANADA MUST BE ERECTED WITHIN TOLERANCES AS DEFINED IN SECTION 29.7 OF SPECIFICATION S16.01 AND PROJECTS IN OTHER LOCATIONS MUST BE ERECTED WITHIN TOLERANCES AS DEFINED IN THE LATEST EDITION OF THE METAL BUILDING SYSTEMS MANUAL, PUBLISHED BY THE MBMA."

(BLDG. 3 PHASE 7)

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	PSL - NORTH AMERICA
							1	REV. FOR CONSTRUCTION	TJ	JYH	7-6-07	JYH	7-6-07	FOR CONSTRUCTION			6-11-07	BIENVILLE, MS KEITH MOSELY CONSTRUCTION
							2	REV. SCHEDULE	JFA	BC	9/19/07	JPC	9/25/07	FOR APPROVAL			6-11-07	
														FOR PERMIT ONLY			6-11-07	
														FOR PRELIMINARY			6-11-07	DRAWING NUMBER: 11653307 ABC-1 REV.NO. 2
														CAD BY: TJ	06/11/07	15:40:02	Ver. 29.0	



AMERICAN BUILDINGS COMPANY

ROOF PANELS

TYPE: L3P GAGE: 24 COLOR: ALCT
 PAINT WARRANTY: YES WEATHERTIGHTNESS WARRANTY: NO
 UL 90 CERTIFICATION: YES
 FACTORY MUTUAL CERTIFICATION: NO

WALL PANELS

TYPE: L3P GAGE: 24 COLOR: (UPPER WALL PANEL) BASE: BA-20
 HMGRP70
 WWHHP70
 PAINT WARRANTY: YES (LOWER WALL PANEL)

EAVE TREATMENT

X STANDARD GUTTER W/ DOWNSPOUTS 20 FT O.C. (MAX)
 _____ FLANGE BACK GUTTER W/ DOWNSPOUTS _____ FT O.C. (MAX)
 _____ SIMPLE EAVE TRIM
 _____ DELUXE EAVE TRIM
 ICE AND SNOW TREATMENT : _____

TRIM COLORS

RAKE TRIM: WMWHP70 GUTTER / EAVE: WMWHP70
 DOWNSPOUTS: WMWHP70 FRAMED OPENINGS: WMWHP70
 HMGRP70
 CORNER: (UPPER WALL PANEL) BASE TRIM: DKBZ
 WWHHP70
 (LOWER WALL PANEL)
 MISCELLANEOUS: _____

PRIMER COLOR

PRIMARY: GRAY SECONDARY: GRAY

ROOF FASTENERS

STANDING SEAM II
 A. #14 X 1 SELF DRILL HEX HEAD
 B. #14 X 1 SELF DRILL HEX HEAD W/ WASHER

STANDING SEAM III
 A. #14 X 1 SELF DRILL HEX HEAD
 B. #14 X 1 SELF DRILL HEX HEAD W/ WASHER

LONGSPAN
 A. #12 X 1 1/4 SELF DRILL HEX HEAD W/ WASHER
 B. #14 X 7/8 SELF DRILL HEX HEAD W/ WASHER

LOC SEAM
 A. #14 X 1 SELF DRILL HEX HEAD W/ WASHER
 B. #14 X 1 SELF DRILL HEX HEAD W/ WASHER

WALL FASTENERS

LONGSPAN
 A. #12 X 1 1/4 SELF DRILL HEX HEAD
 B. #14 X 7/8 SELF DRILL HEX HEAD

SHADOW PANEL
 A. #12 X 1 SELF DRILL HEX HEAD W/ NUT BLANK
 B. #14 X 7/8 SELF DRILL HEX HEAD

TRIM FASTENERS

ALL FASTENERS ARE #14 x 7/8 SELF DRILL

FASTENER NOTE

A = SHEETING/FLASHING TO STRUCTURAL CONNECTIONS
 B = SHEETING/FLASHING TO SHEETING/FLASHING CONNECTIONS

INSULATION

NONE BY OTHERS BY ABC THICK WIDTH FACE COLOR
 ROOF _____
 WALLS _____
 RIGID BOARD: _____ ROOF: _____ WALLS: _____ BEARING PLATE: _____
 THERMAL BLOCK: _____ BY ABC: _____ BY OTHERS: _____ (3/4" THICK ONLY)
 SPACER STRIP : _____ (FOR LOC SEAM WITHOUT INSULATION)

WALK DOORS

QTY	SIZE	TYPE	SWING	LOCKSET	CLOSER	COLOR	LINER TRIM	LINER TRIM COLOR
---	3070	6070	_S	_NL	_HG	---	---	---
---	3070	6070	_S	_NL	_HG	---	---	---
---	3070	6070	_S	_NL	_HG	---	---	---
---	3070	6070	_S	_NL	_HG	---	---	---

FRAMED OPENINGS

QTY	WIDTH	HEIGHT	SILL HEIGHT	FR WRAP TRIM	LINER TRIM	LINER TRIM COLOR
7	4'	4'	31'7"	---YES X_NO	---YES X_NO	---
12	21'	3'	4'	---YES X_NO	---YES X_NO	---
7	3'4"	2'2"		---YES X_NO	---YES X_NO	---
1	12'	12'		---YES X_NO	---YES X_NO	---
2	16'	16'		---YES X_NO	---YES X_NO	---
2	20'	20'		---YES X_NO	---YES X_NO	---
---	---	---	---	---YES ___NO	---YES ___NO	---
---	---	---	---	---YES ___NO	---YES ___NO	---
---	---	---	---	---YES ___NO	---YES ___NO	---
---	---	---	---	---YES ___NO	---YES ___NO	---

WINDOWS

SELF-FLASHING THERMA-PANE GLASS, BURNISH SLATE

QTY	WIDTH	HEIGHT	LINER TRIM	LINER TRIM COLOR
---	---	---	---YES ___NO	---
---	---	---	---YES ___NO	---
---	---	---	---YES ___NO	---
---	---	---	---YES ___NO	---
---	---	---	---YES ___NO	---

LOUVERS

WHITE ADJUSTABLE W/ BIRD SCREEN

QTY	WIDTH	HEIGHT	LINER TRIM	LINER TRIM COLOR
---	---	---	---YES ___NO	---
---	---	---	---YES ___NO	---
---	---	---	---YES ___NO	---
---	---	---	---YES ___NO	---
---	---	---	---YES ___NO	---

LINER PANELS

LOC	LENGTH	HEIGHT	PANEL TYPE	GAGE	COLOR	LINER TRIM	TRIM COLOR
---	---	---	---	---	---	---YES ___NO	---
---	---	---	---	---	---	---YES ___NO	---
---	---	---	---	---	---	---YES ___NO	---
---	---	---	---	---	---	---YES ___NO	---

ROUND 20" THROAT WHITE VENTILATORS

20 _____ QUANTITY _____ RIDGE MOUNTED _____ SLOPE MOUNTED

9" X 10' RIDGE VENTILATORS

_____ QTY AT 10' SECTIONS _____ LINEAR FEET CONTINUOUS

ROOF JAXS

QTY	TYPE
---	DK-3 1/4" - 4" DIAMETER
---	DK-5 4" - 7" DIAMETER
---	DK-8 7" - 13" DIAMETER

ROOF CURB FRAMING

SIZES ARE OUT TO OUT CURB DIMENSION AS UNDERSTOOD BY AMERICAN BUILDINGS COMPANY (A.B.C.). DO NOT CUT PURLINS FOR CURB FRAMING UNLESS RELEASED BY THE A.B.C. DESIGNER. MAXIMUM LOAD FOR STANDARD ROOF CURB FRAMING IS 3000#. THE MAGNITUDE AND LOCATION OF ALL LOADS SUPPORTED BY ROOF CURBS MUST BE CLEARLY SPECIFIED IN THE ORDER DOCUMENTS.

QTY WIDTH LENGTH SLOPED AT RIDGE

ROOF CURBS

QTY	OUTSIDE WIDTH	OUTSIDE LENGTH	MIN. HT.	GAGE	COLOR
---	---	---	8"	18	---
---	---	---	8"	18	---

SKYLIGHTS / WALL LIGHTS

TRANSLUCENT SKYLIGHTS QTY: _____ SIZE: _____ TRIM: _____
 TRANSLUCENT 4' 5" WALL LIGHTS QTY: 302

FACADE

TYPE	VERT OR SLOPED	HEIGHT	LENGTH	PROJECTION	CLEAR UNDER FACADE	CORNER UNIT
---	---	---	---	---	---	---
---	---	---	---	---	---	---

FACIA PANEL TYPE : _____ GAGE: _____ COLOR: _____ TRIM COLOR: _____
 SOFFIT PANEL TYPE: _____ GAGE: _____ COLOR: _____ TRIM COLOR: _____
 BACK PANEL TYPE : _____ GAGE: _____ COLOR: _____ TRIM COLOR: _____

CANOPIES

QTY	EW	SW	SLOPE	PROJECTION	LENGTH	CLEAR UNDER BEAM	SOFFIT PANEL TYPE	SOFFIT COLOR
---	---	---	---	---	---	---	---	---
---	---	---	---	---	---	---	---	---

EAVE TRIM : _____ TRIM COLOR: _____ DOWNSPOUT ELBOWS ONLY: _____ DOWNSPOUT RETURN: _____

OVERHANGS

QTY	PROJECTION	LENGTH	SOFFIT TYPE	COLOR
SW	---	---	---	---
SW	---	---	---	---
---	---	---	---	---

DOWNSPOUT ELBOWS ONLY: _____ DOWNSPOUT RETURN: _____
 EW _____
 EW _____

PARTITIONS

QTY	WIDTH	LENGTH	HEIGHT	PANEL TYPE	GAGE	COLOR
---	---	---	---	---	---	---
---	---	---	---	---	---	---
---	---	---	---	---	---	---

SPECIAL NOTES

MISCELLANEOUS MATERIAL

RECENT PRODUCT REVISIONS

THE FOLLOWING NOTES MAY OR MAY NOT PERTAIN TO THIS SPECIFIC JOB BUT ARE NOTEWORTHY PRODUCT CHANGES.
 1. THINK SAFETY!

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	PSL - NORTH AMERICA
														[*] FOR CONSTRUCTION				BIENVILLE, MS
														[] FOR APPROVAL				KEITH MOSELY CONSTRUCTION
														[] FOR PERMIT ONLY				
														[] FOR PRELIMINARY				
														CAD BY:	06/12/07 15:27:13	Ver. 29.0		
																		DRAWING NUMBER: 11653307 ABC-2
																		REV. NO. 0



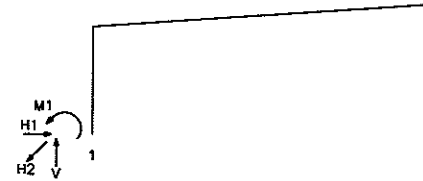
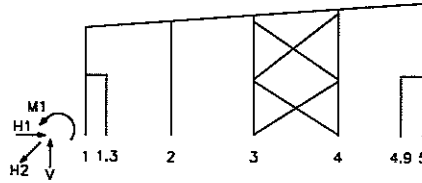
AMERICAN BUILDINGS COMPANY
 DRAWING NUMBER: 11653307 ABC-2
 REV. NO. 0

REACTION SCHEMATICS

NOTE: THE FRAMING AT THIS ENDWALL LINE IS NOT DESIGNED TO ACCOMMODATE FUTURE ADDITIONS. REACTIONS CORRESPONDING TO THIS FRAME LINE REFLECT LOADINGS FOR ACTUAL TRIBUTARY AREA AND ARE NOT INTENDED TO INCLUDE ANY FUTURE MODIFICATIONS UNLESS EXPLICITLY NOTED OTHERWISE.

LOADING CONDITION	FRAME LINE U															
	1		1.3		2		3			4			4.9	5		
	V (kips)	H1 (kips)	V (kips)	H1 (kips)	V (kips)	H2 (kips)	V (kips)	H1 (kips)	H2 (kips)	V (kips)	H1 (kips)	H2 (kips)	V (kips)	V (kips)		
D	+1.1	+1.3	+3.5					+2.4					+3.7		+1.5	+1.0
L	-0.0		-0.1					+7.7					-0.2			-0.0
S	+0.7		+2.2					+1.5					+2.3			+0.6
W	-10.5		-34.1		-21.4	-27.5	-15.2	-22.2	-36.7	-15.2	-23.8					-9.2
E					+19.3	+27.5	+15.2	+19.9	+27.5	+15.2	+21.4					
CR		+95.0														+95.0

H1 = horizontal force in the plane of frame
H2 = horizontal force perpendicular to the plane of frame



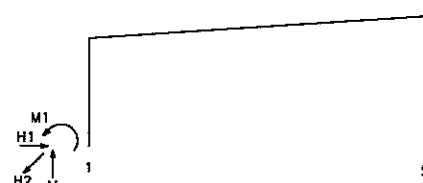
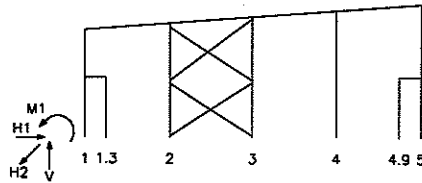
LOADING CONDITION	FRAME LINES U, T, S & R - P, N, M, L, K, J, H, G, F, E, D, C, B & A							
	1				5			
	V (kips)	H1 (kips)	H2 (kips)	M1 (kip-ft)	V (kips)	H1 (kips)	H2 (kips)	M1 (kip-ft)
D	+11.0	+3.5		-42.7	+11.0	-3.5		+70.6
C	+7.1	+3.2		-39.0	+6.7	-3.2		+63.7
L	+17.1	+7.6		-93.7	+16.0	-7.6		+152.8
S	+7.1	+3.2		-39.0	+6.7	-3.2		+63.7
W	-57.7	-35.1		-236.4	-53.5	-2.2		-603.5
W (at X braced bays)	-69.1	-35.1	-8.3	-236.4	-73.7	-2.2	-11.2	-603.5
E	-0.2	-0.7		-17.4	-0.2	-0.4		-11.8
E (at X braced bays)	+2.3	+0.7	+1.6	+17.4	+3.5	+0.4	+2.0	+11.8
CR	+95.5	+10.2		+123.1	+95.0	+6.1		+79.1

H1 = horizontal force in the plane of frame
H2 = horizontal force perpendicular to the plane of frame

NOTE: THE FRAMING AT THIS ENDWALL LINE IS NOT DESIGNED TO ACCOMMODATE FUTURE ADDITIONS. REACTIONS CORRESPONDING TO THIS FRAME LINE REFLECT LOADINGS FOR ACTUAL TRIBUTARY AREA AND ARE NOT INTENDED TO INCLUDE ANY FUTURE MODIFICATIONS UNLESS EXPLICITLY NOTED OTHERWISE.

LOADING CONDITION	FRAME LINE A															
	1		1.3		2		3			4			4.9	5		
	V (kips)	H1 (kips)	V (kips)	H1 (kips)	V (kips)	H2 (kips)	V (kips)	H1 (kips)	H2 (kips)	V (kips)	H1 (kips)	H2 (kips)	V (kips)	V (kips)		
D	+1.1	+1.5	+3.5					+2.4					+3.7		+1.5	+1.0
L	-0.0		-0.1					+7.7					-0.2			-0.0
S	+0.7		+2.2					+1.5					+2.3			+0.6
W	-10.5		-34.1		-15.2	-19.3	-27.5	-15.2	-19.9	-36.7	-21.4					-9.2
E					+27.5	+15.2	+21.4	+27.5	+15.2	+22.2	+23.8					
CR		+95.0														+95.0

H1 = horizontal force in the plane of frame
H2 = horizontal force perpendicular to the plane of frame



LOADING CONDITION	FRAME LINES P & R							
	1				5			
	V (kips)	H1 (kips)	H2 (kips)	M1 (kip-ft)	V (kips)	H1 (kips)	H2 (kips)	M1 (kip-ft)
D	+11.0	+3.5		-42.7	+16.5	-5.1		+102.6
C	+7.1	+3.2		-39.0	+9.8	-4.6		+90.7
L	+17.1	+7.6		-93.7	+16.0	+10.8		+216.8
S	+7.1	+3.2		-39.0	+9.8	-4.6		+90.7
W	-57.7	-35.1		-236.4	-79.5	-2.2		-902.5
W (at X braced bays)	-69.1	-35.1	-8.3	-236.4	-79.5	-2.2	-11.2	-902.5
E	-0.2	-0.7		-17.4	-0.4	-0.8		-20.8
E (at X braced bays)	+2.3	+0.7	+1.6	+17.4	+3.5	+0.8	+2.0	+20.8
CR	+95.5	+10.2		+123.1	+143.25	+6.1		+119.0

H1 = horizontal force in the plane of frame
H2 = horizontal force perpendicular to the plane of frame

LOADING CONDITION	FRAME LINE Q		
	1		
	V (kips)	H1 (kips)	H2 (kips)
D	+14.1	+3.2	
C	+7.6	+2.7	
L	+18.2	+6.4	
S	+7.6	+2.7	
W	-61.3	-26.5	
W (at X braced bays)	-70.5	-26.5	-8.3
E	-0.3	-0.4	
E (at X braced bays)	+2.3	+0.4	+1.6
CR	+96.5	-6.6	

H1 = horizontal force in the plane of frame
H2 = horizontal force perpendicular to the plane of frame

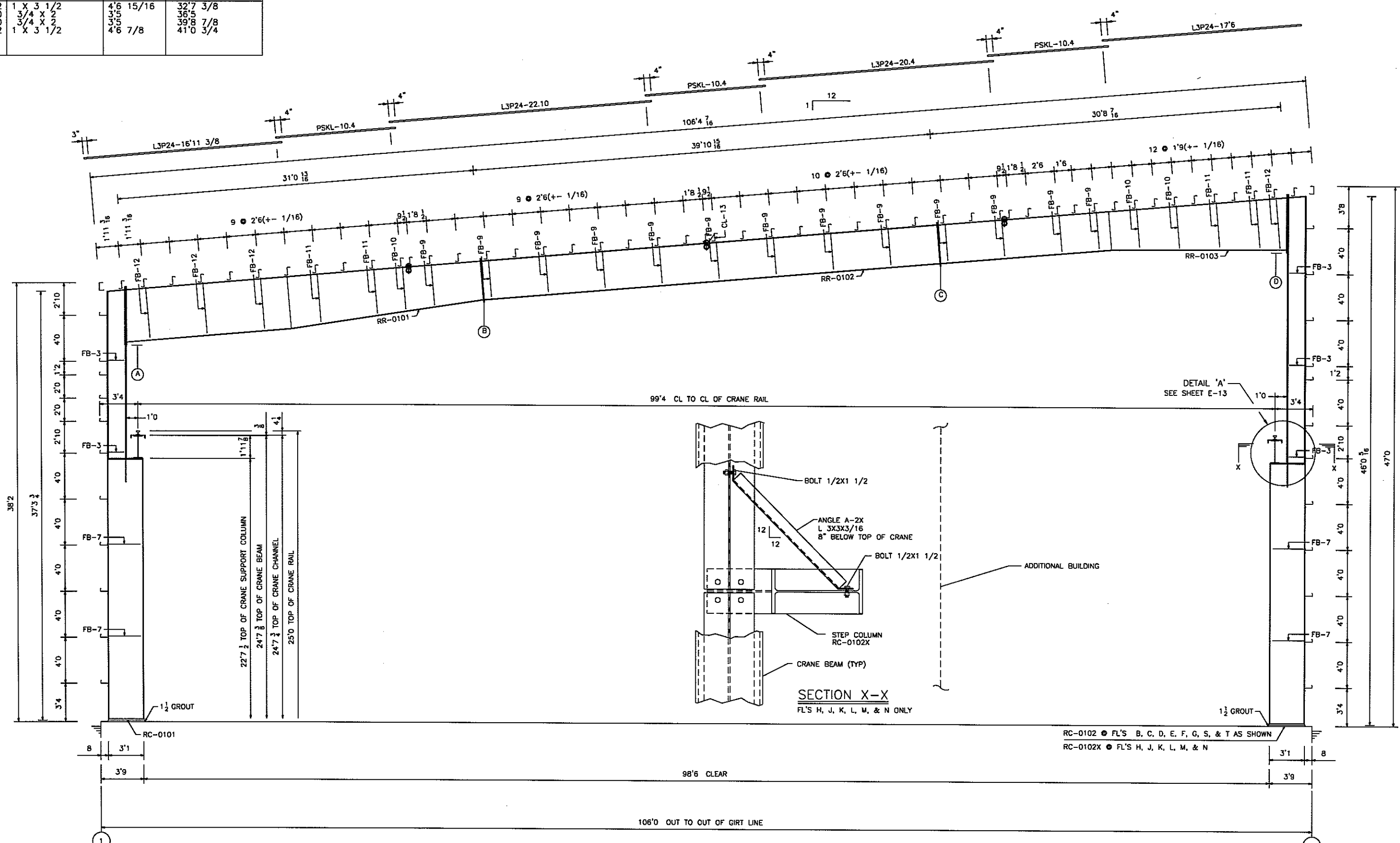
(BLDG. 3 PHASE 7)

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	PSL - NORTH AMERICA
1	REV. FOR CONSTRUCTION	TJ	JYH	7-6-07	JYH	7-6-07								[] FOR CONSTRUCTION [] FOR APPROVAL [] FOR PERMIT ONLY [] FOR PRELIMINARY	DRAWN BY: TJ	6-11-07	6-11-07	BIENVILLE, MS
														CAD BY: TJ	06/11/07 10:36:11	Ver. 29.0	6-11-07	KEITH MOSELY CONSTRUCTION



AMERICAN BUILDINGS COMPANY
DRAWING NUMBER 11653307 AB-2 REV. NO. 1

SPLICE BOLT TABLE				
SPLICE	QTY	SIZE	DEPTH	CLEAR AT SPLICE
A	12	1 X 3 1/2	4'6 15/16	32'7 3/8
B	20	3/4 X 2	3'5	36'5
C	20	3/4 X 2	3'5	39'8 7/8
D	12	1 X 3 1/2	4'6 7/8	41'0 3/4



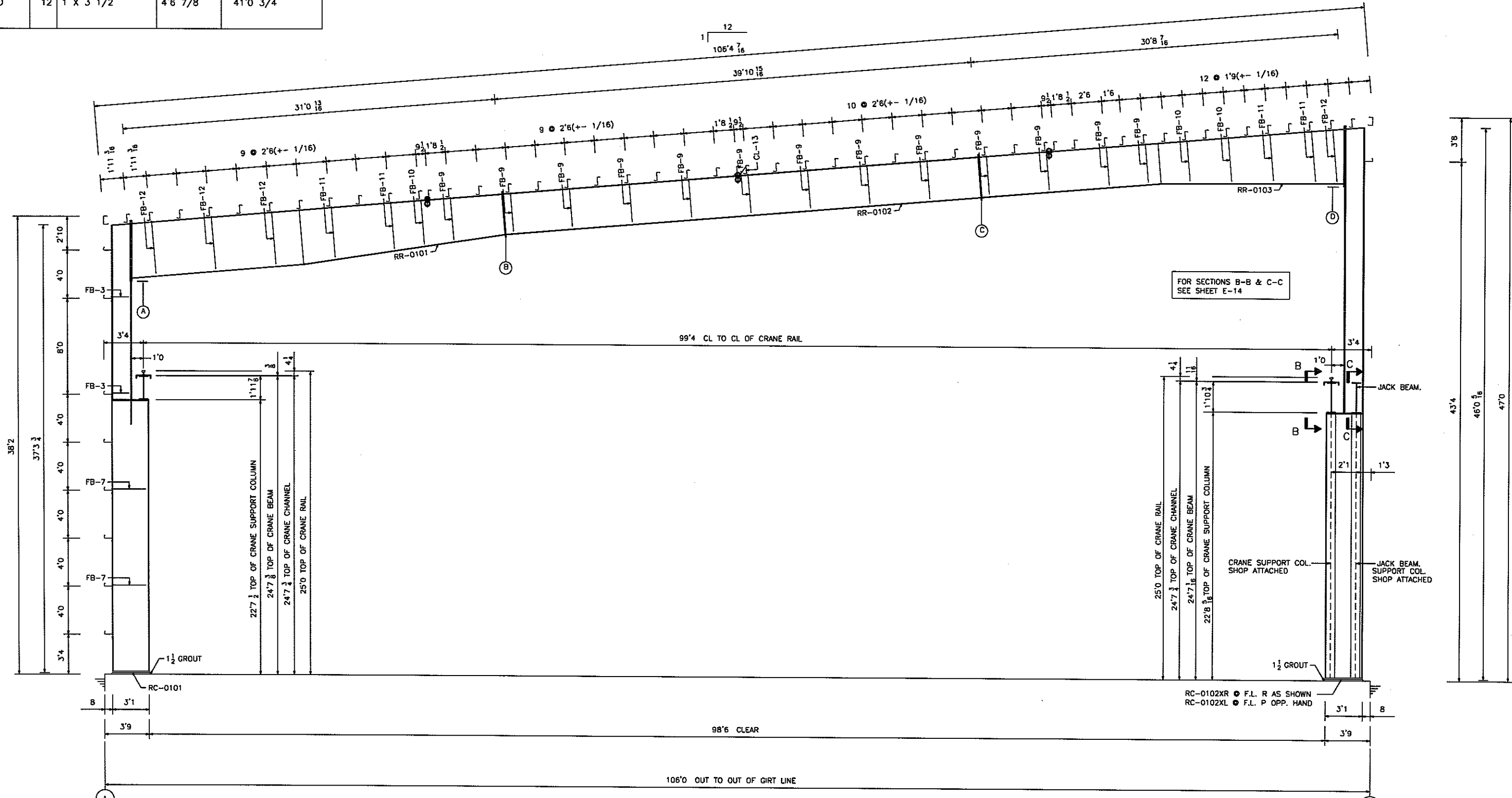
RIGID FRAME CROSS SECTION CS02-A

FRAME ID: 11653307.01Z
FL'S B, C, D, E, F, G, S, & T AS SHOWN

(BLDG. 3 PHASE 7)


NO.		REVISIONS		MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS		MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	PSL - NORTH AMERICA	
		1		JFA	BC	09/19/07	JPC	09/25/07	1	REVISED AS SHOWN							[*] FOR CONSTRUCTION			06/12/07	BAY ST. LOUIS, MS	
																	[] FOR APPROVAL				KEITH MOSLEY CONSTRUCTION	
																	[] FOR PERMIT ONLY				AMERICAN BUILDINGS COMPANY	
																	[] FOR PRELIMINARY				DRAWING NUMBER 11653307 E-02	
																	CAD BY:	06/12/07 15:00:26	Ver. 29.0		REV.NO. 1	

SPLICE BOLT TABLE			
SPLICE	QTY	SIZE	CLEAR AT SPLICE
A	12	1 X 3 1/2	4'6 15/16
B	20	3/4 X 2	3'5 3/8
C	20	3/4 X 2	3'5 3/8
D	12	1 X 3 1/2	4'6 7/8

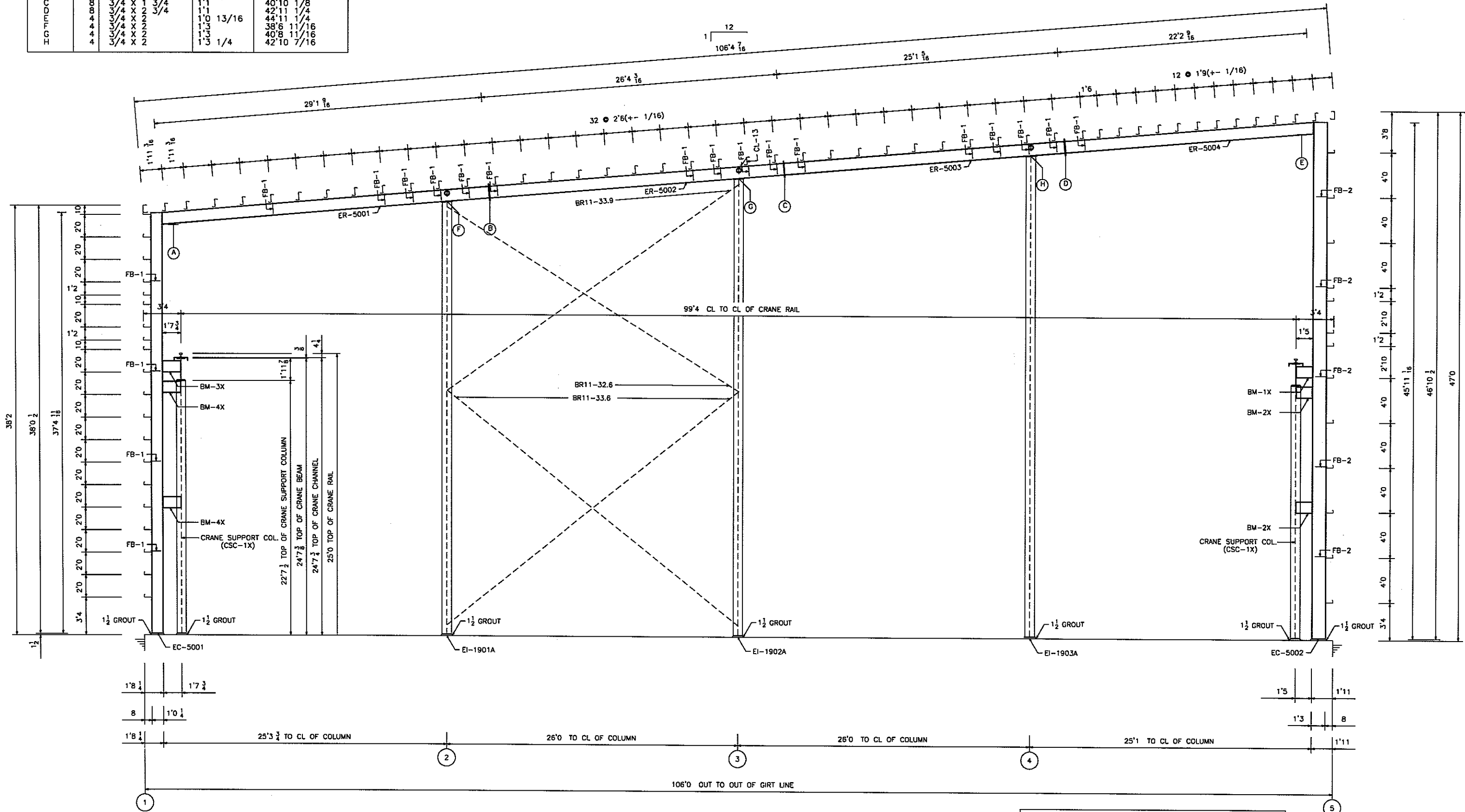


RIGID FRAME CROSS SECTION CS02-A
 FRAME ID: 11653307.01A
 FRAME LINES R & P

(BLDG. 3 PHASE 7)

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	PSL - NORTH AMERICA	 AMERICAN BUILDINGS COMPANY
							1	REVISED AS SHOWN	JFA	BC	09/19/07	JPC	09/19/07	[*] FOR CONSTRUCTION [] FOR APPROVAL [] FOR PERMIT ONLY [] FOR PRELIMINARY				BAY ST. LOUIS, MS KEITH MOSLEY CONSTRUCTION	
														CAD BY:	06/12/07 15:00:26	Ver. 29.0		REV. NO. 1	

SPLICE BOLT TABLE					
SPLICE	QTY	SIZE	DEPTH	CLEAR AT SPLICE	
A	4	3/4 X 1	3/4	36 5/8	1/4
B	8	3/4 X 2	1 1/4	38 5/8	1/4
C	4	3/4 X 1	3/4	40 10/16	1/8
D	4	3/4 X 2	1 1/4	42 11/16	1/4
E	4	3/4 X 2	1 1/4	44 11/16	1/4
F	4	3/4 X 2	1 1/4	38 6 11/16	1/16
G	4	3/4 X 2	1 1/4	40 8 11/16	1/16
H	4	3/4 X 2	1 1/4	42 10 7/16	1/16



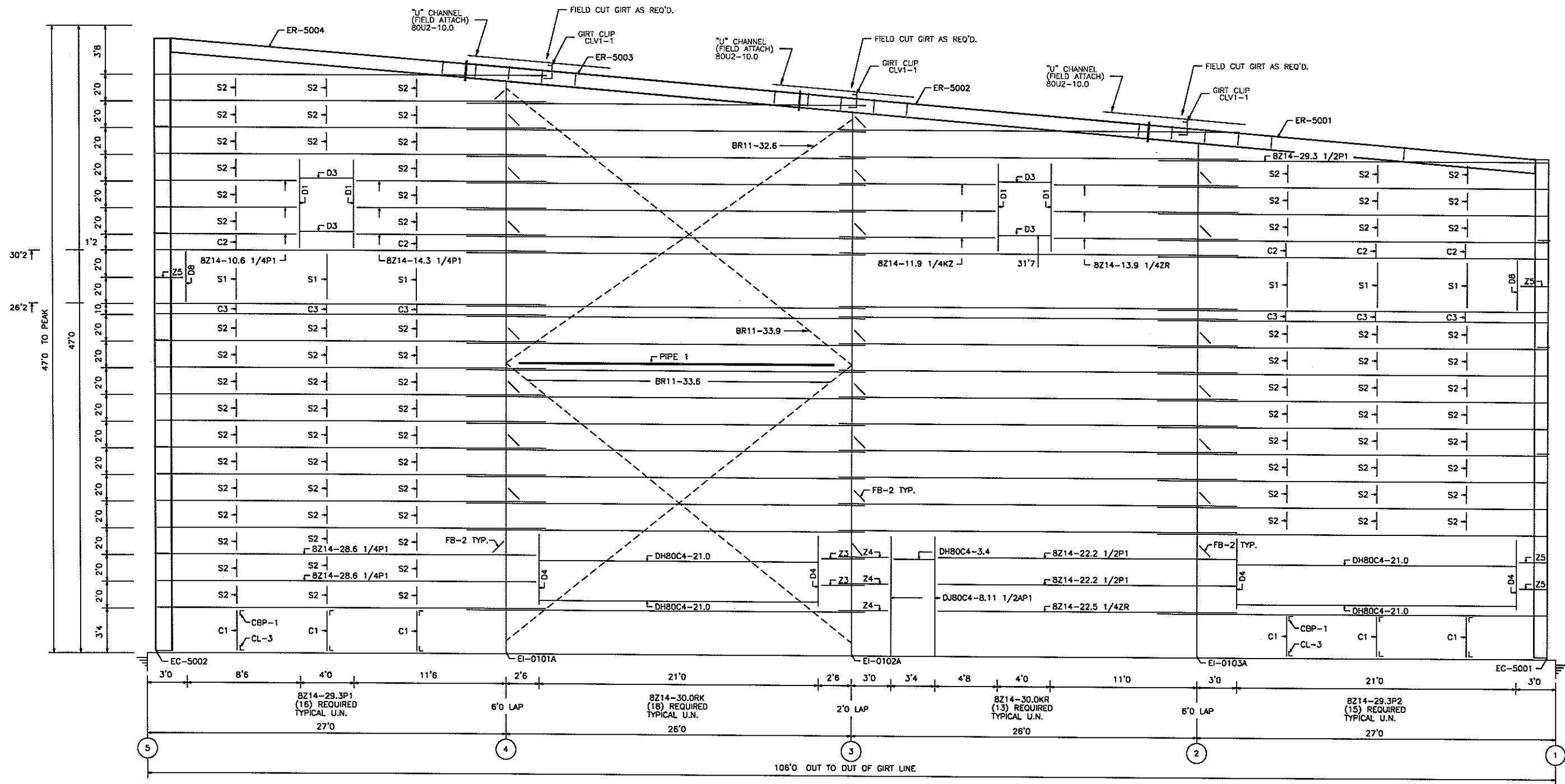
COLUMN & BEAM CROSS SECTION CS04-A
FRAME LINE A

NOTE: THE FRAMING AS DEPICTED ABOVE IS NOT DESIGNED TO ACCOMMODATE ANY FUTURE EXPANSION.

REVISIONS						REVISIONS						DRAWING SUBMITTAL STATUS			SCALE: NONE DATE			PSL - NORTH AMERICA	
NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	[*] FOR CONSTRUCTION	DRAWN BY:	JFA	06/12/07	BAY ST. LOUIS, MS	
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														[] FOR PERMIT ONLY	DESIGN APPD BY:				
														[] FOR PRELIMINARY	CAD BY:	06/12/07 15:00:27	Ver. 29.0		
															DRAWING NUMBER: 11653307 E-04			REV. NO. 0	



AMERICAN BUILDINGS COMPANY
DRAWING NUMBER: 11653307 E-04
REV. NO. 0



- Z2 - 8Z14-5.3 1/4P1
- Z3 - 8Z14-3.3 1/4P1
- Z4 - 8Z14-3.9 1/4P1
- Z5 - 8Z14-2.0 1/4ZZ
- D1 - DJ80C4-6.5AP3
- D3 - DH80C4-4.0
- D4 - DJ80C4-5.3AP1
- D8 - DJ80C4-3.3AP1
- C1 - 6C16-3.3 1/4NN
- C2 - 6C16-1.1 1/4NN
- C3 - 6C16-0.9 1/4NN
- S1 - CBA440
- S2 - CBA420
- PIPE1 - PSS61-25.11

ENDWALL FRAMING AT FRAME LINE U

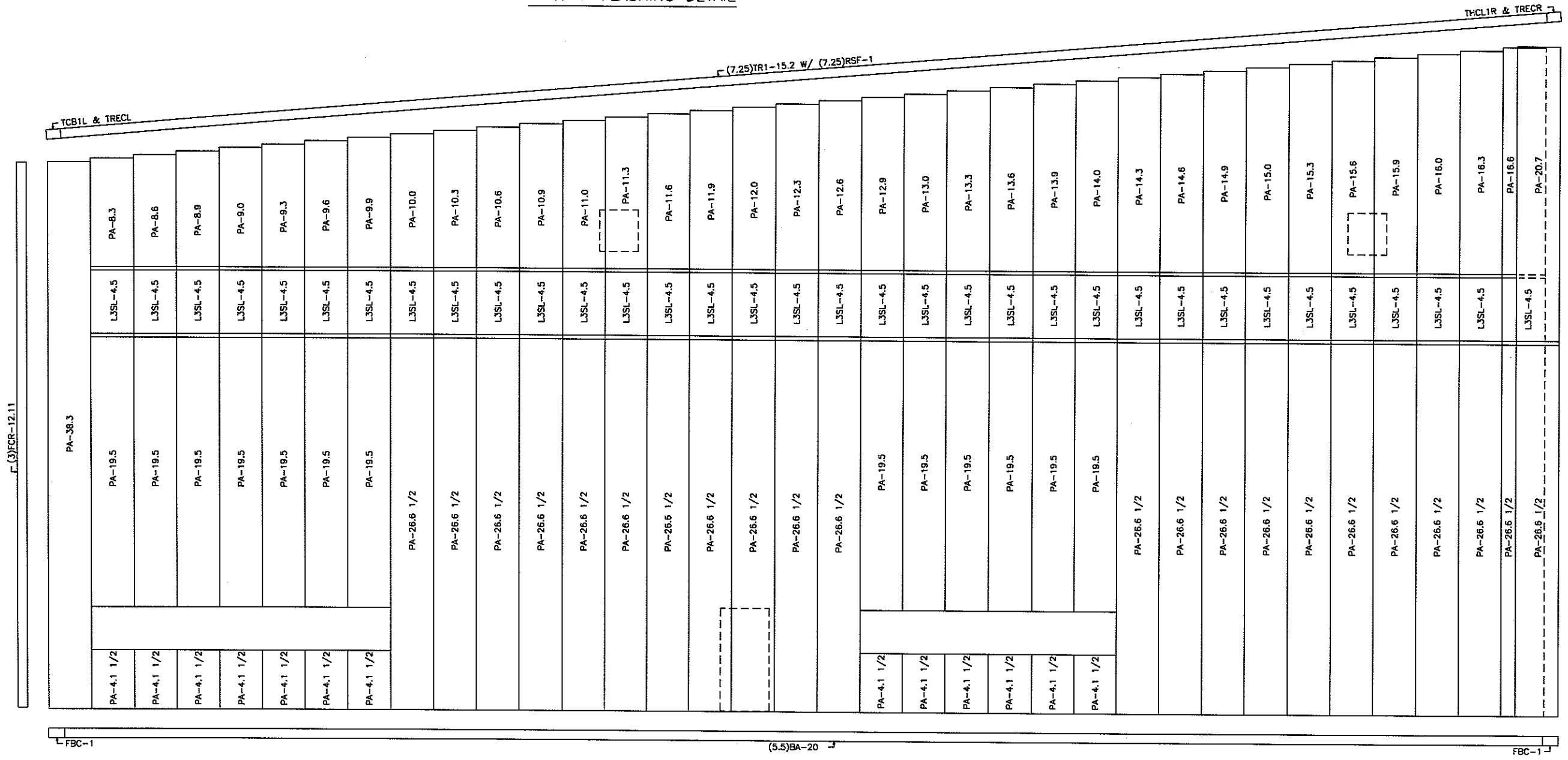
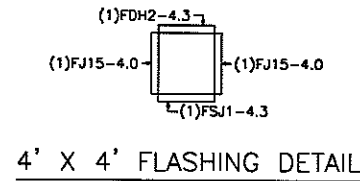
95G6-20.0 & RSA-1 TYPICAL AT RAKE
CABLE ANGLE GA-1 TYPICAL AT CORNERS

(BLDG. 3 PHASE 7)

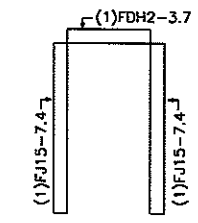
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														[*] FOR CONSTRUCTION	DRAWN BY: JFA	06/12/07		BAY ST. LOUIS, MS	 AMERICAN BUILDINGS COMPANY	
														[] FOR APPROVAL	CHECKED BY:			KEITH MOSLEY CONSTRUCTION		DRAWING NUMBER 11653307 E-07
														[] FOR PERMIT ONLY	DESIGN APPD BY:					REV. NO. 0
														[] FOR PRELIMINARY	CAD BY:	06/12/07 15:00:30	Ver. 29.0			

EW09S-A
EVGRP70

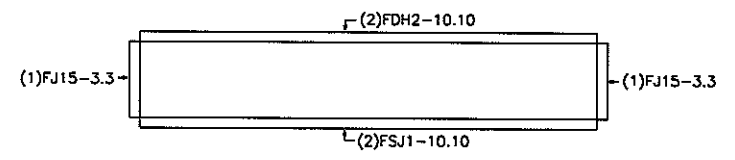
EW09S-B
WVHP70



SHEETING PACKAGE @ ENDWALL A



3'4 X 7'2 FLASHING DETAIL

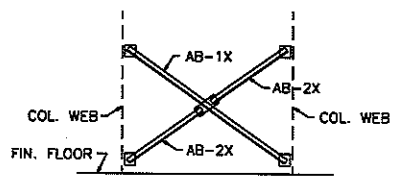


3'0 X 21'0 FLASHING DETAIL

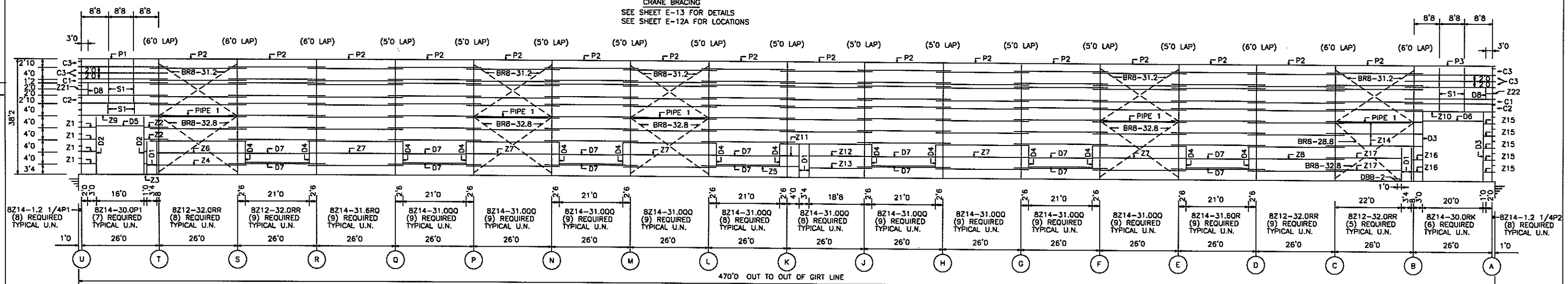
(BLDG. 3 PHASE 7)

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	PSL - NORTH AMERICA
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														[] FOR APPROVAL	CHECKED BY:			KEITH MOSLEY CONSTRUCTION
														[] FOR PERMIT ONLY	DESIGN APPD BY:			
														[] FOR PRELIMINARY	CAD BY:	06/12/07 15:00:32	Ver. 29.0	

AMERICAN BUILDINGS COMPANY
DRAWING NUMBER 11653307 E-10 REV. NO. 0

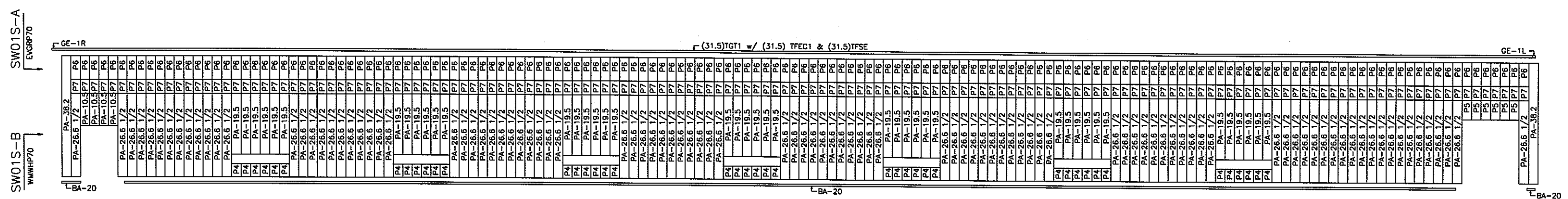


CRANE BRACING
SEE SHEET E-13 FOR DETAILS
SEE SHEET E-12A FOR LOCATIONS



- Z1 - 8Z12-5.9 1/4KZ
- Z2 - 8Z12-7.9 1/4ZR
- Z3 - 8Z12-0.6 1/2ZZ
- Z4 - 8Z12-29.5 1/4P1
- Z5 - 8Z14-32.3 1/4P1
- P1 - 1E9552-26.11 1/2KH
- P2 - 1E9552-26.11 1/2HH
- P3 - 1E9552-26.11 1/2HK
- Z6 - 8Z12-28.8 1/2P1
- Z7 - 8Z14-30.6 1/2P1
- Z8 - 8Z14-31.3 1/4P1
- Z9 - 8Z12-30.0P1
- Z10 - 8Z12-30.0P2
- Z11 - 8Z14-6.0 1/2P1
- Z12 - 8Z14-20.8 1/2P1
- Z13 - 8Z14-20.11 1/4Z0
- Z21 - 8Z12-2.9 1/4P1
- Z22 - 8Z12-2.9 1/4P2
- Z14 - 8Z12-31.9 1/4P1
- Z15 - 8Z12-3.9 1/4ZK
- Z16 - 8Z12-3.2 1/2P1
- Z17 - 8Z12-24.9 1/4RZ
- D1 - DJ80C4-10.11 1/2AP1
- D2 - DJ80C4-18.11 1/2AP1
- D3 - DJ80C4-22.11 1/2AP1
- D4 - DJ80C4-7.3AP1
- D5 - DH80C4-16.0
- D6 - DH80C4-20.0
- D7 - DH80C4-21.0
- D8 - DJ80C4-3.3AP1
- S1 - CBA440
- C1 - 6C16-1.1 1/4NN
- C2 - 6C16-2.9 1/4NN
- C3 - 6C16-1.11 1/4NN
- PIPE 1 - PSS61-25.11

SIDEWALL FRAMING PLAN AT LINE 1



- P4 - PA-4.1 1/2
- P5 - PA-6.5
- P6 - PA-7.10 1/2
- P7 - L3SL-4.5

SHEETING ELEVATION

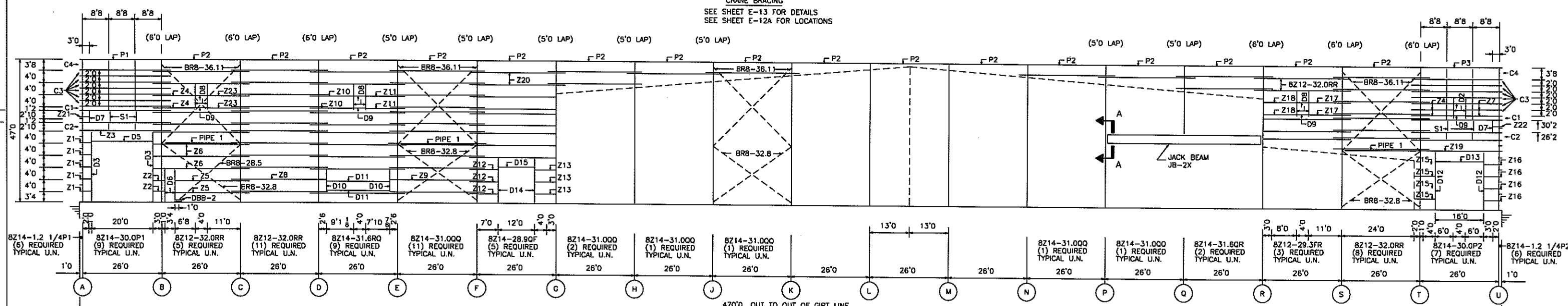
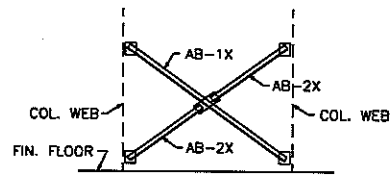
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1	REVISED FOR COLOR CHANGE	JFA	BC	7/17/07	JYH									FOR CONSTRUCTION			06/12/07
														FOR APPROVAL			
														FOR PERMIT ONLY			
														FOR PRELIMINARY			
														CAD BY:	06/12/07 15:00:32	Ver. 29.0	

(BLDG. 3 PHASE 7)

PSL - NORTH AMERICA
BAY ST. LOUIS, MS
KEITH MOSLEY CONSTRUCTION

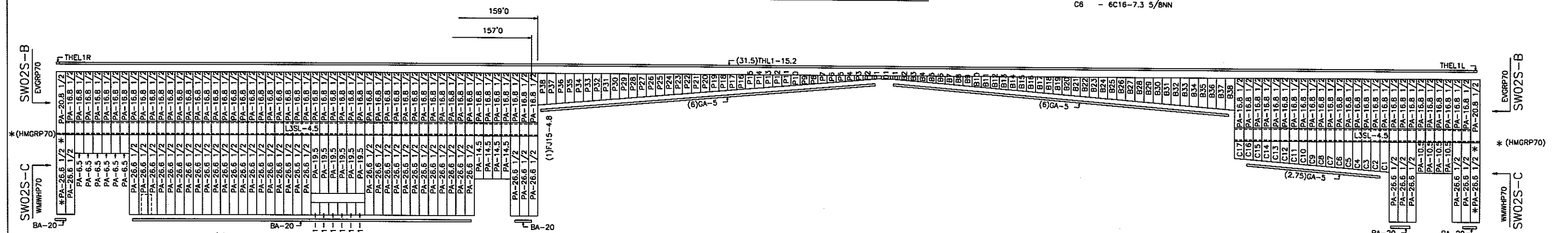


DRAWING NUMBER 11653307 E-11 REV. NO. 1



- Z1 - 8Z14-3.9 1/4P2
- Z2 - 8Z14-3.6 1/2P1
- Z3 - 8Z12-30.0KR
- Z4 - 8Z14-13.9 1/4RZ
- Z5 - 8Z12-24.5 1/4ZR
- Z6 - 8Z12-31.8 1/4P1
- Z7 - 8Z14-11.9 1/4ZK
- Z8 - 8Z12-31.3 1/4P1
- Z9 - 8Z14-31.3 1/4P1
- Z10 - 8Z14-14.4 3/8RZ
- Z11 - 8Z14-12.8 1/8Z0
- Z12 - 8Z14-9.3 1/4QZ
- Z13 - 8Z14-7.0 1/4ZF
- Z15 - 8Z14-6.9 1/4P1
- Z16 - 8Z14-5.9 1/4P1
- Z17 - 8Z12-13.9 1/4ZR
- Z18 - 8Z12-11.0 1/4FZ
- Z19 - 8Z12-30.0RK
- Z20 - 8Z14-31.0Q0
- Z21 - 8Z14-2.9 1/4P1
- Z22 - 8Z14-2.9 1/4P2
- Z23 - 8Z14-13.9 1/4ZR
- D2 - DJ80C4-6.5AP1
- D3 - DJ80C4-22.11 1/2AP1
- D5 - DJ80C4-20.0
- D6 - DJ80C4-10.11 1/2AP1
- D7 - DJ80C4-3.3AP1
- D8 - DJ80C4-8.5AP1
- D9 - DH80C4-4.0
- D10 - DJ80C4-7.3AP1
- D11 - DH80C4-21.0
- D12 - DJ80C4-18.11 1/2AP1
- D13 - DH80C4-16.0
- D14 - DJ80C4-14.11 1/2AP1
- D15 - DH80C4-12.0
- PIPE1 - PSS61-25.11
- P1 - 1H95S2-26.11 1/2KH
- P2 - 1H95S2-25.11 1/2HH
- P3 - 1H95S2-26.11 1/2HK
- S1 - CBA440
- C1 - 6C16-1.1 1/4NN
- C2 - 6C16-2.9 1/4NN
- C3 - 6C16-1.11 1/4NN
- C4 - 6C16-2.10NN
- C5 - 6C16-7.11 1/4NN
- C6 - 6C16-7.3 5/8NN

SIDEWALL FRAMING PLAN AT LINE 5



SHEETING PACKAGE MK# SWO2S-A
CENTER

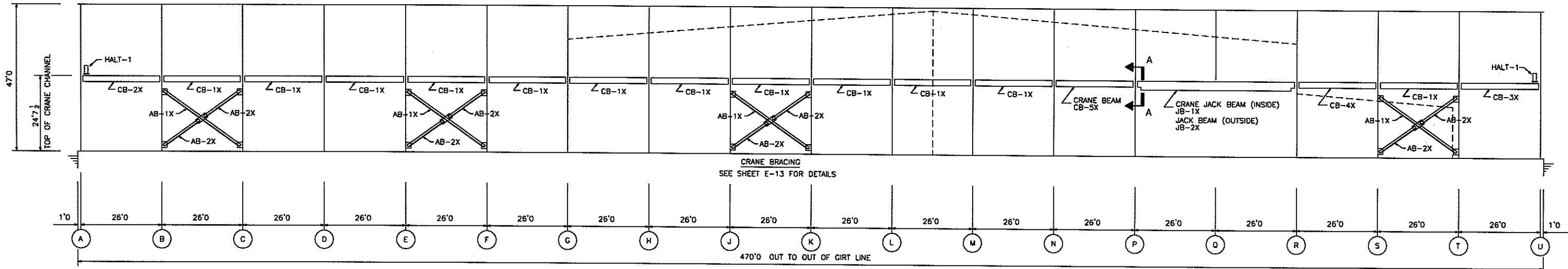
- P1 - PA-1.3
- P2 - PA-1.6
- P3 - PA-1.9
- P4 - PA-2.0
- P5 - PA-2.3
- P6 - PA-2.6
- P7 - PA-2.9
- P8 - PA-3.0
- P9 - PA-3.3
- P10 - PA-3.6
- P11 - PA-3.9
- P12 - PA-4.0
- P13 - PA-4.3
- P14 - PA-4.6
- P15 - PA-4.9
- P16 - PA-5.0
- P17 - PA-5.3
- P18 - PA-5.6
- P19 - PA-5.9
- P20 - PA-6.0
- P21 - PA-6.3
- P22 - PA-6.6
- P23 - PA-6.9
- P24 - PA-7.0
- P25 - PA-7.3
- P26 - PA-7.6
- P27 - PA-7.9
- P28 - PA-8.0
- P29 - PA-8.3
- P30 - PA-8.6
- P31 - PA-8.9
- P32 - PA-9.0
- P33 - PA-9.3
- P34 - PA-9.6
- P35 - PA-9.9
- B4 - PB-2.0
- B5 - PB-2.3
- B6 - PB-2.6
- B7 - PB-2.9
- B8 - PB-3.0
- B9 - PB-3.3
- B10 - PB-3.6
- B11 - PB-3.9
- B12 - PB-4.0
- B13 - PB-4.3
- B14 - PB-4.6
- B15 - PB-4.9
- B16 - PB-5.0
- B17 - PB-5.3
- B18 - PB-5.6
- B19 - PB-5.9
- B20 - PB-6.0
- B21 - PB-6.3
- B22 - PB-6.6
- B23 - PB-6.9
- B24 - PB-7.0
- B25 - PB-7.3
- B26 - PB-7.6
- B27 - PB-7.9
- B28 - PB-8.0
- B29 - PB-8.3
- B30 - PB-8.6
- B31 - PB-8.9
- B32 - PB-9.0
- B33 - PB-9.3
- B34 - PB-9.6
- B35 - PB-9.9
- B36 - PB-10.0
- B37 - PB-10.3
- B38 - PB-10.6
- D1 - PC-1.0
- C1 - PB-9.11
- C2 - PB-9.8
- C3 - PB-9.5
- C4 - PB-9.2
- C5 - PB-8.11
- C6 - PB-8.8
- C7 - PB-8.5
- C8 - PB-8.2
- C9 - PB-7.8
- C10 - PB-7.5
- C11 - PB-7.2
- C12 - PB-6.9
- C13 - PB-6.6
- C14 - PB-6.3
- C15 - PB-6.0
- C16 - PB-5.7
- C17 - PB-5.4

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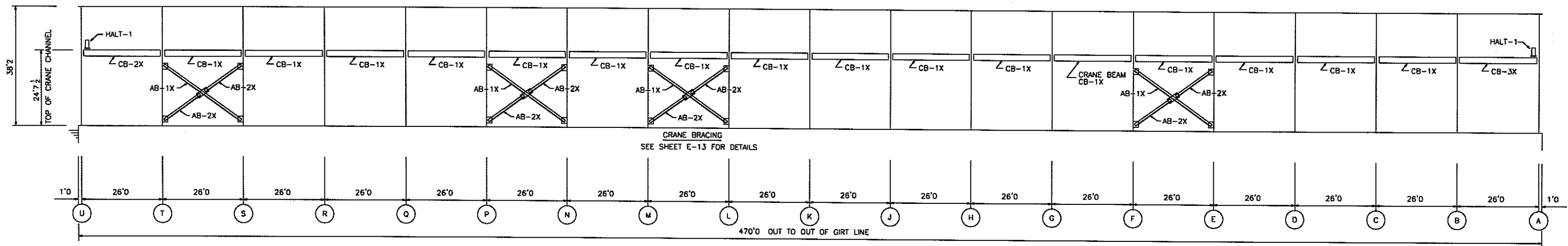
PSL - NORTH AMERICA
BAY ST. LOUIS, MS
KEITH MOSLEY CONSTRUCTION

AMERICAN BUILDINGS COMPANY
DRAWING NUMBER: 11653307 E-12
REV. NO. 2

NOTE:
FOR SECTION A-A SEE SHEET E-14



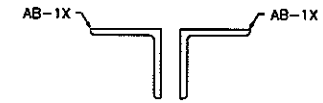
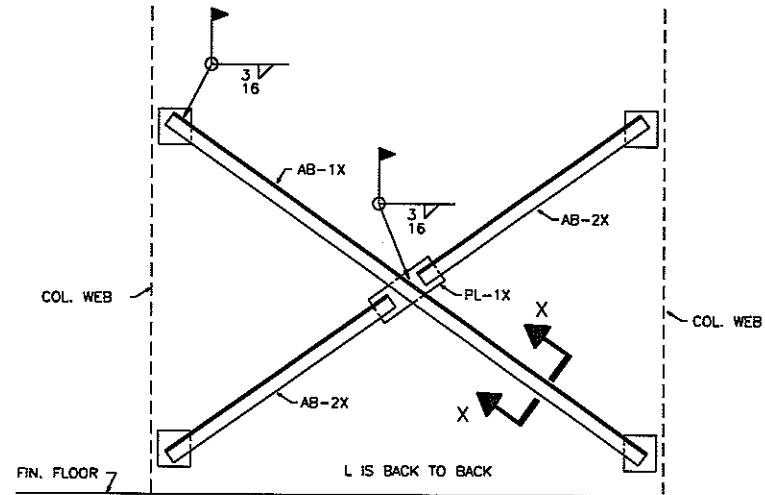
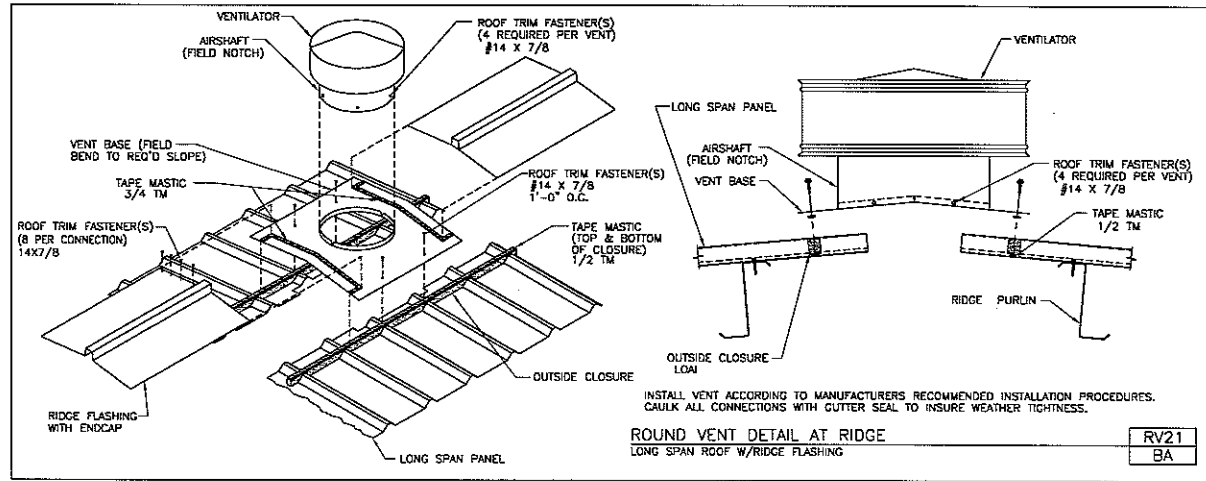
SIDEWALL CRANE FRAMING PLAN AT LINE 5



SIDEWALL CRANE FRAMING PLAN AT LINE 1

(BLDG. 3 PHASE 7)

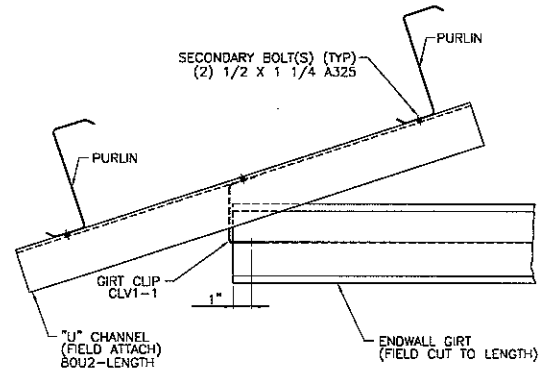
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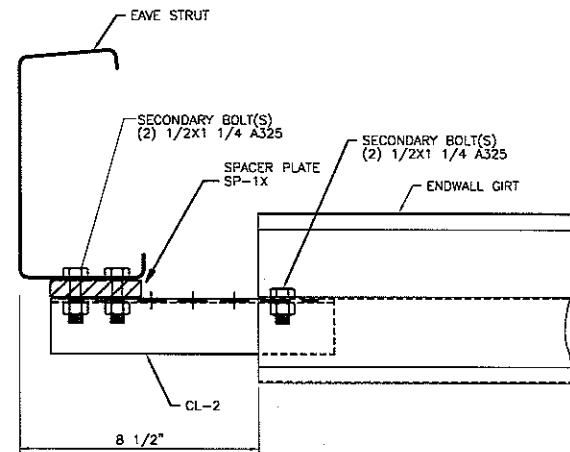
SECTION X-X



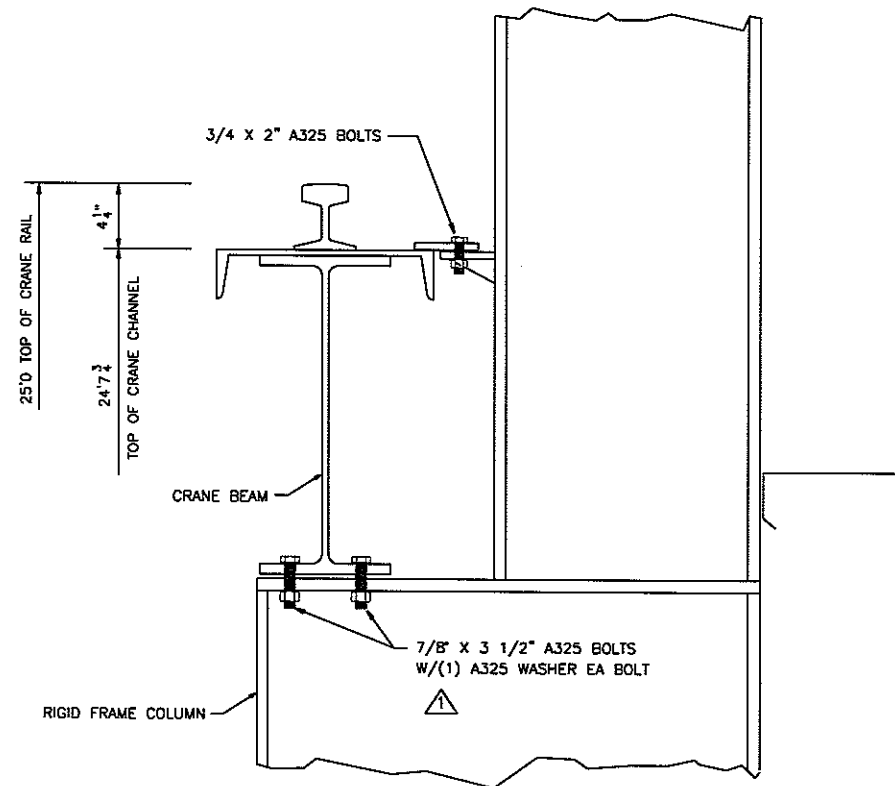
CRANE BRACING



GABLE GIRT OFF PURLIN CONNECTION
BYPASS GIRTS



EAVE STRUT TO ENDWALL GIRT CONNECTION



DETAIL 'A'

SEE SHEET E-02

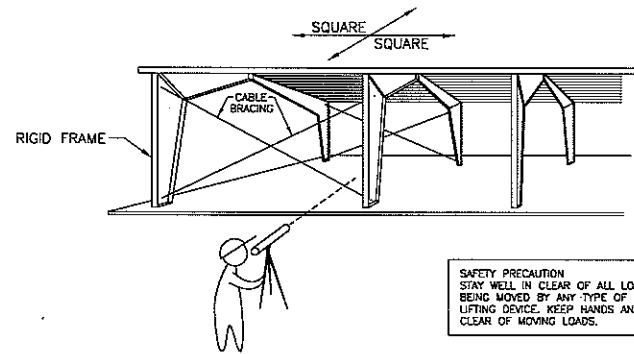
(BLDG. 3 PHASE 7)

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PSL - NORTH AMERICA
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KEITH MOSLEY CONSTRUCTION



AMERICAN BUILDINGS COMPANY
DRAWING NUMBER: 11653307 E-13
REV. NO. 2



SAFETY PRECAUTION
STAY WELL IN CLEAR OF ALL LOADS BEING MOVED BY ANY TYPE OF LIFTING DEVICE. KEEP HANDS AND FEET CLEAR OF MOVING LOADS.

THE FIRST STEP IN THE SUCCESSFUL INSTALLATION OF THE ROOF OR WALLS IS TO HAVE THE PRIMARY FRAMING PLUMB AND SQUARE. FOR BEST RESULTS, IT IS RECOMMENDED THAT A TRANSIT BE USED WHEN ERECTING THE STRUCTURAL STEEL.

BUILDING ALIGNMENT

GE01
AA

SAFETY NOTES:

AMERICAN BUILDINGS COMPANY STRONGLY RECOMMENDS THAT SAFE WORKING CONDITIONS AND ACCIDENT PREVENTION PRACTICES BE THE TOP PRIORITY ON ANY JOB SITE.

LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS SHOULD ALWAYS BE FOLLOWED TO HELP INSURE WORKER SAFETY.

MAKE CERTAIN ALL EMPLOYEES KNOW THE SAFEST AND MOST PRODUCTIVE WAY OF ERECTING A BUILDING. EMERGENCY TELEPHONE NUMBERS, LOCATIONS OF FIRST AID STATIONS AND EMERGENCY PROCEDURES SHOULD BE KNOWN TO ALL EMPLOYEES.

DAILY MEETINGS HIGHLIGHTING SAFETY PROCEDURES, THE USE OF HARD HATS, RUBBER SOLE SHOES FOR ROOF WORK, PROPER EQUIPMENT FOR HANDLING MATERIAL AND SAFETY NETS WHERE POSSIBLE ARE RECOMMENDED ERECTION PRACTICES.

AMERICAN BUILDINGS COMPANY INTENDS THAT THESE DRAWINGS BE INTERPRETED AND ADMINISTERED WITH SOUND JUDGEMENT CONSISTENT WITH GOOD SAFETY PRACTICES.

ALL SAFETY PRECAUTIONS, OSHA SAFETY REQUIREMENTS, OR ANY OTHER APPROPRIATE SAFETY REQUIREMENTS, CUSTOMARY OR STATUTORY, MUST BE ADHERED TO, TO INSURE MAXIMUM WORKER SAFETY.

IF OIL OR OTHER SLIPPERY SUBSTANCES ARE SPILLED ON THE ROOF PANELS, WIPE THEM OFF IMMEDIATELY TO PREVENT SLIPPING OR FALLING.

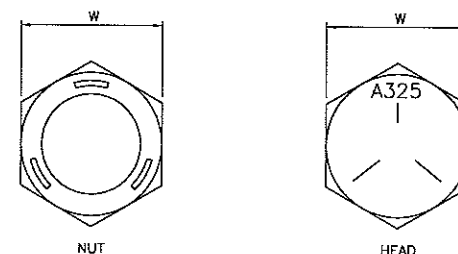
YOU SHOULD MAINTAIN A FIRM, SAFE POSITION WHEN USING ANY TOOL.

YOU SHOULD MAINTAIN A CONSTANT AWARENESS OF YOUR LOCATION IN RELATION TO THE ROOF EDGE WHEN USING TOOLS AND MACHINES OR PERFORMING ANY OTHER FUNCTION ON THE ROOF AREA.

DO NOT UNDER ANY CIRCUMSTANCES STEP OR WALK ON THE SURFACE OF ANY FIBERGLASS SKYLIGHT. IF FOOT TRAFFIC IS NECESSARY OVER SKYLIGHT, USE WALK BOARDS THAT ARE PROPERLY SUPPORTED BY THE BUILDING PURLINS.

SAFETY COMMITMENT

GE70
AA



BOLT DIAMETER	DIMENSION W
1/2"	7/8"
3/4"	1 1/4"
7/8"	1 7/16"
1"	1 5/8"

ASTM A325 BOLT IDENTIFICATION

MF01
AA

BOLTED JOINTS:

BOLTED JOINTS SHALL BE CONNECTED AND INSPECTED IN ACCORDANCE WITH THE "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", JUNE 23, 2000, RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS. UNLESS NOTED OTHERWISE ON THE ABC ERECTION DRAWINGS, ALL A325 BOLTS ARE USED IN CONNECTIONS DEFINED AS SNUG-TIGHT JOINTS (ST). FOR INSTALLATION IN SNUG-TIGHT JOINTS, ALL BOLT HOLES SHALL BE ALIGNED TO PERMIT INSERTION OF THE BOLTS WITHOUT UNDUE DAMAGE TO THE THREADS. BOLTS SHALL BE IN ALL HOLES WITH NUTS THREADED BEFORE COMPACTING THE JOINT TO THE SNUG-TIGHT POSITION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT. THE SNUG TIGHT CONDITION IS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH SO THAT THE CONNECTED PLIES ARE SOLIDLY SEATED AGAINST EACH OTHER, BUT NOT NECESSARILY IN CONTINUOUS CONTACT. MORE THAN ONE CYCLE THROUGH THE BOLT PATTERN MAY BE REQUIRED TO ACHIEVE THE SNUG-TIGHT CONDITION.

CONNECTIONS WITH A325 BOLTS WHICH ARE DEFINED AS PRETENSIONED (PT) OR SLIP-CRITICAL (SC) JOINTS WILL BE NOTED AS SUCH ON THE ABC DRAWINGS OR BY THE ENGINEER OF RECORD. ALL CONNECTIONS WITH A490 BOLTS ARE EITHER PRETENSIONED (PT) OR SLIP-CRITICAL (SC) JOINTS. PRETENSIONED JOINTS ARE TYPICALLY REQUIRED WHEN THE JOINT IS SUBJECT TO SIGNIFICANT LOAD REVERSAL, THE JOINT IS SUBJECT TO FATIGUE LOAD WITH NO LOAD REVERSAL, THE BOLTS ARE SUBJECT TO TENSILE FATIGUE, THE BUILDING SUPPORTS A CRANE OF OVER 5-TON CAPACITY, OR THE CONNECTION IS PART OF THE SEISMIC LOAD RESISTING SYSTEM AND THE BUILDING IS CLASSIFIED AS SEISMIC DESIGN CATEGORY D, E, OR F. NOTE THAT LOADINGS FROM WIND OR SNOW ARE NOT CONSIDERED SIGNIFICANT LOAD REVERSAL OR FATIGUE LOADINGS. SLIP CRITICAL JOINTS ARE REQUIRED WHEN SLIP IS DETERMINED TO BE DETRIMENTAL TO THE PERFORMANCE OF THE STRUCTURE. INSTALLATION METHODS PERMITTED FOR PRETENSIONED AND SLIP-CRITICAL JOINTS INCLUDE TURN OF THE NUT PRETENSIONING, CALIBRATED WRENCH PRETENSIONING, TWIST-OFF-TYPE TENSION CONTROL BOLT ASSEMBLIES, AND DIRECT-TENSION-INDICATOR PRETENSIONING. PRETENSION VALUES EQUAL TO OR GREATER THAN THE VALUES LISTED IN THE BOLT PRETENSION SCHEDULE SHALL BE PROVIDED.

FOR INSTALLATION BY TURN-OF-NUT PRETENSIONING, ALL BOLTS SHALL FIRST BE TIGHTENED IN ACCORDANCE WITH THE SNUG-TIGHT PROCEDURE. THE NUT OR HEAD AS APPLICABLE SHALL THEN BE ROTATED BY THE AMOUNT SPECIFIED IN THE BOLT PRETENSION SCHEDULE. PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT, THE PART NOT TURNED BY THE WRENCH SHALL BE PREVENTED FROM ROTATING DURING THIS OPERATION.

ASTM A325 BOLT PRETENSION SCHEDULE			
BOLT DIA. d_b	SPECIFIED MINIMUM BOLT PRETENSION	NUT OR HEAD ROTATION FROM SNUG-TIGHT CONDITION	
		$L_b \leq 4d_b$	$4d_b < L_b \leq 8d_b$
1/2"	12 KIPS	1/3 TURN	1/2 TURN
3/4"	28 KIPS		
7/8"	39 KIPS		
1"	51 KIPS		

INSPECTION:

INSPECTION REQUIREMENTS FOR SNUG-TIGHT JOINTS CONSISTS OF VERIFICATION THAT THE PROPER FASTENER COMPONENTS WERE USED AND THAT THE CONNECTED ELEMENTS WERE FABRICATED PROPERLY. AFTER ASSEMBLY, IT SHALL BE VISUALLY ENSURED THAT THE PLIES ARE SOLIDLY SEATED AGAINST EACH OTHER, BUT NOT NECESSARILY IN CONTINUOUS CONTACT, AND THAT WASHERS, IF REQUIRED, HAVE BEEN USED. NO FURTHER EVIDENCE OF CONFORMITY IS REQUIRED.

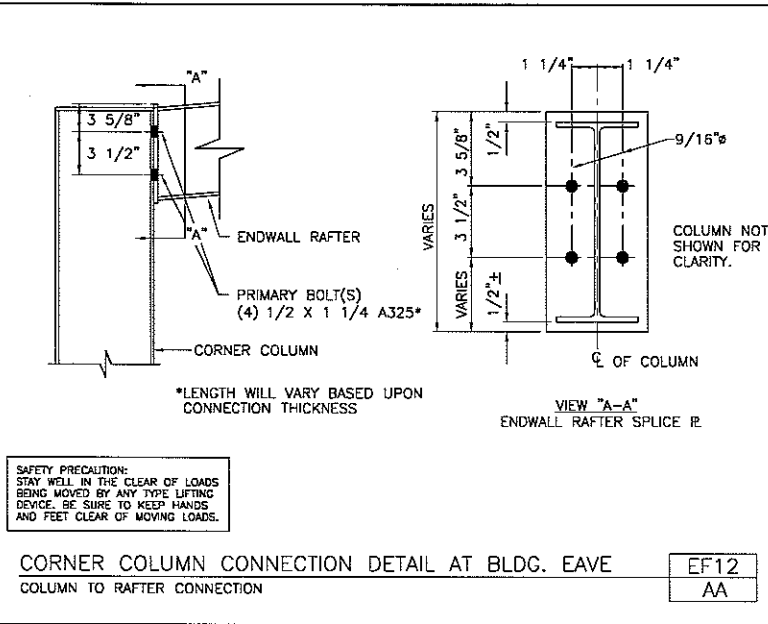
FOR TURN-OF-NUT PRETENSIONING, IN ADDITION TO THE INSPECTION REQUIREMENTS FOR SNUG-TIGHT JOINTS, THE INSPECTOR SHALL OBSERVE THE PRE-INSTALLATION VERIFICATION TESTING AND MONITOR THE WORK IN PROGRESS TO ENSURE THAT THE BOLTING CREW PROPERLY ROTATES THE TURNED ELEMENT BY THE AMOUNT SPECIFIED IN THE SCHEDULE. ALTERNATIVELY, WHEN THE FASTENERS ARE MATCH-MARKED AFTER INITIAL FIT-UP (SNUG-TIGHT CONDITION), VISUAL INSPECTION IS PERMITTED. THE SIDE OF NUTS AND BOLTS THAT HAVE BEEN IMPACTED SUFFICIENTLY TO INDUCE THE MINIMUM PRETENSION LOADS WILL APPEAR SLIGHTLY PEENED. NO FURTHER EVIDENCE OF CONFORMITY IS REQUIRED.

BOLT INSTALLATION & INSPECTION NOTES

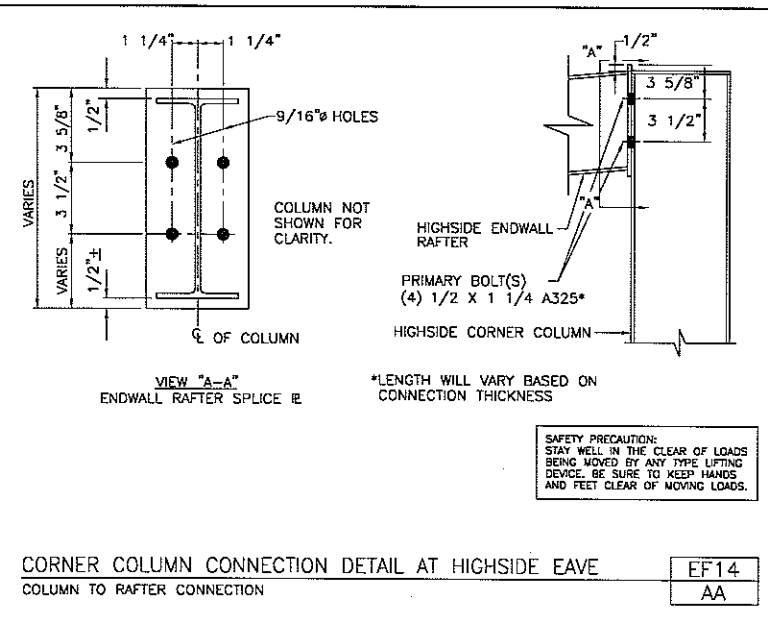
1/2", 3/4", 7/8" & 1" STRUCTURAL BOLTS (A325)

MF91
AA

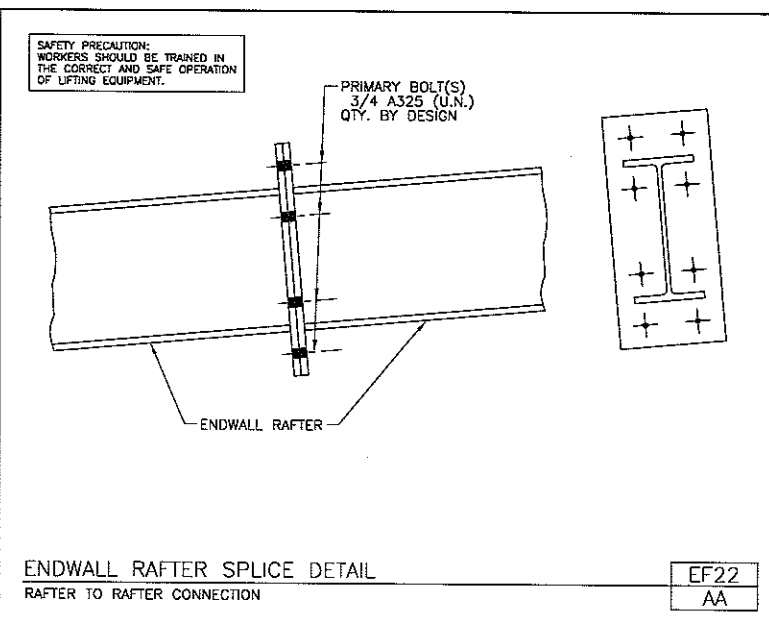
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														[*] FOR CONSTRUCTION	DRAWN BY: JFA		6/12/07	BIENVILLE, MS	 AMERICAN BUILDINGS COMPANY
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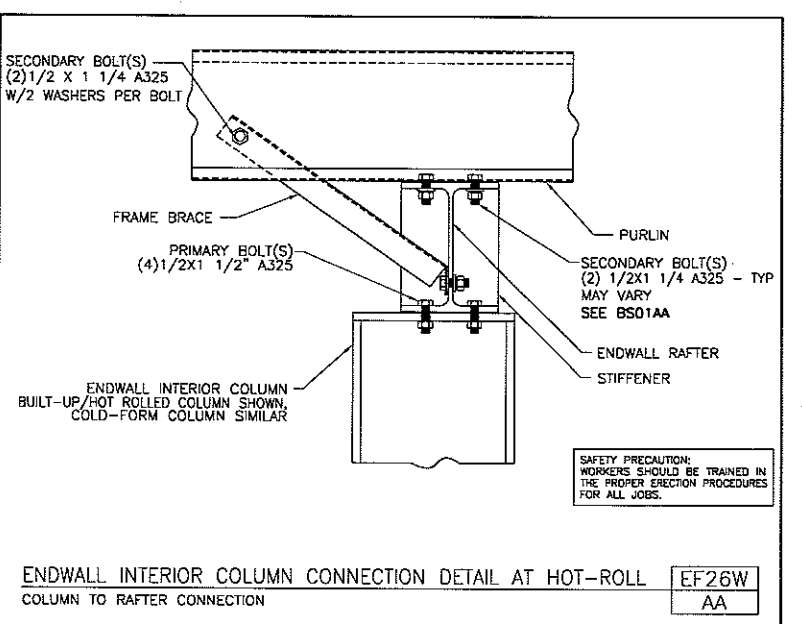
CORNER COLUMN CONNECTION DETAIL AT BLDG. EAVE
COLUMN TO RAFTER CONNECTION EF12
AA



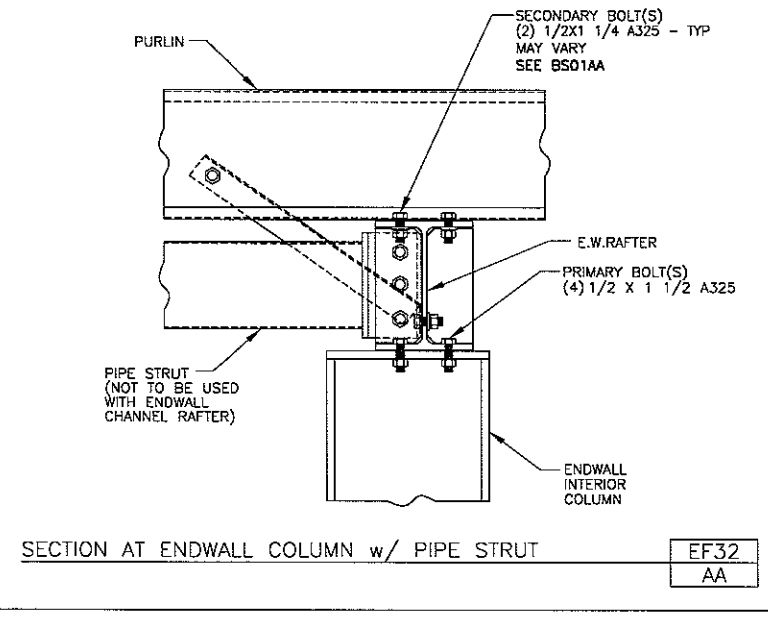
CORNER COLUMN CONNECTION DETAIL AT HIGHSIDE EAVE
COLUMN TO RAFTER CONNECTION EF14
AA



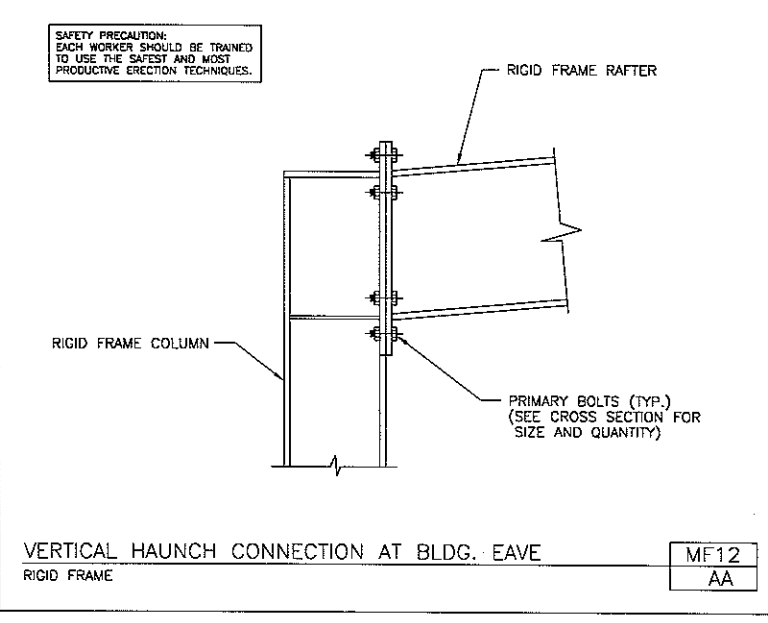
ENDWALL RAFTER SPLICE DETAIL
RAFTER TO RAFTER CONNECTION EF22
AA



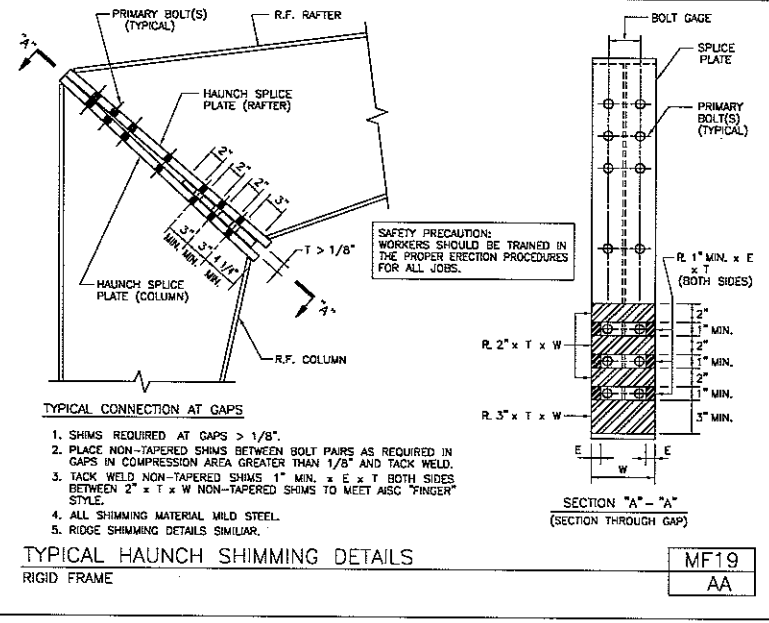
ENDWALL INTERIOR COLUMN CONNECTION DETAIL AT HOT-ROLL
COLUMN TO RAFTER CONNECTION EF26W
AA



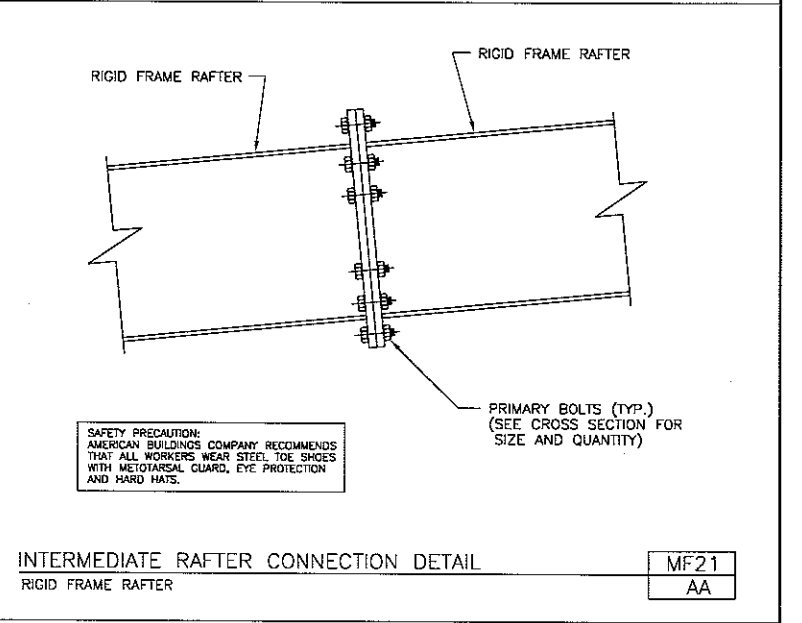
SECTION AT ENDWALL COLUMN w/ PIPE STRUT EF32
AA



VERTICAL HAUNCH CONNECTION AT BLDG. EAVE RIGID FRAME MF12
AA

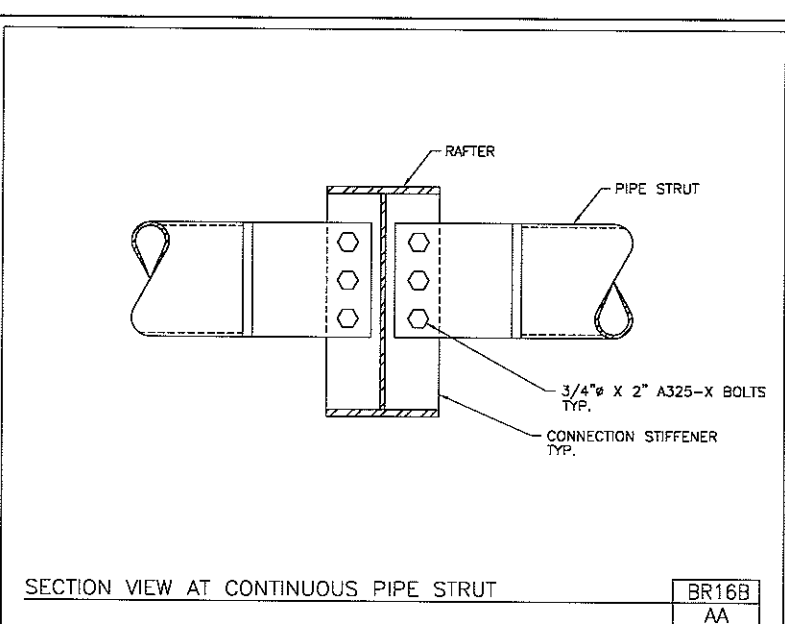
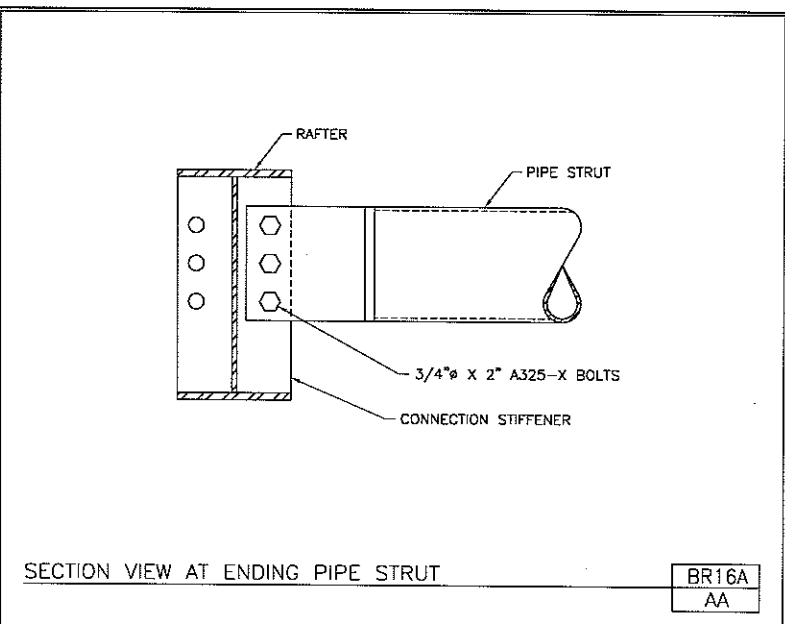
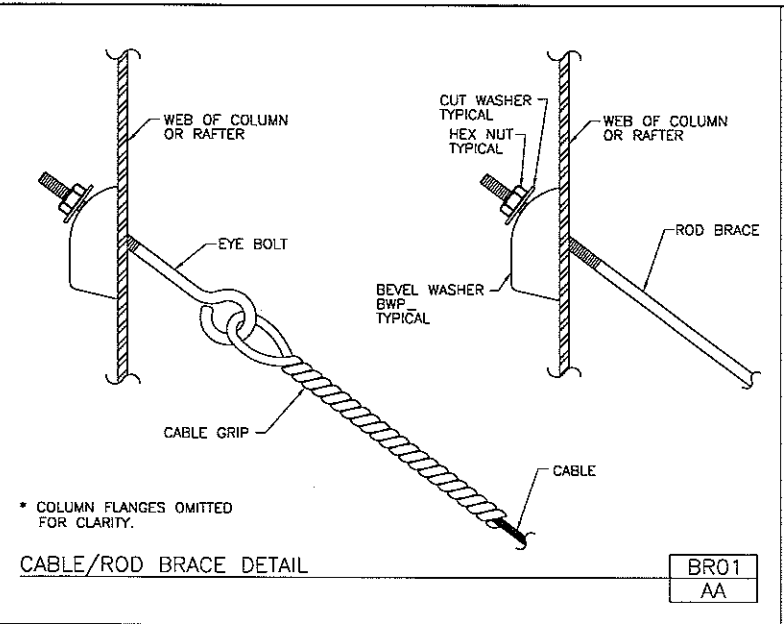


TYPICAL HAUNCH SHIMMING DETAILS RIGID FRAME MF19
AA



INTERMEDIATE RAFTER CONNECTION DETAIL RIGID FRAME MF21
AA

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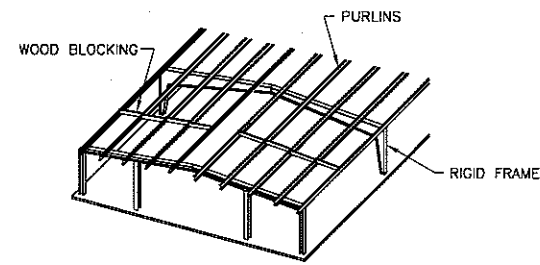


RAFTER FLANGE THICKNESS	SECONDARY FRAMING GAUGE	DOUBLE ENDED BOLT REQUIRED	1/2" A325 BOLT REQUIRED FOR LAPPED MEMBERS	1/2" A325 BOLT REQUIRED FOR NON LAPPED MEMBERS
< 3/8"	11 - 16	1/2 X 2 3/16 A449 DE	1/2 X 1 1/4 A325	1/2 X 1 1/4 A325
	16	1/2 X 2 3/16 A449 DE	1/2 X 1 1/4 A325	1/2 X 1 1/4 A325
	15	1/2 X 2 3/16 A449 DE	1/2 X 1 1/4 A325	1/2 X 1 1/4 A325
	14	1/2 X 2 3/16 A449 DE	1/2 X 1 1/4 A325	1/2 X 1 1/4 A325
	13	1/2 X 2 3/16 A449 DE	1/2 X 1 1/4 A325	1/2 X 1 1/4 A325
3/8"	12	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/4 A325
	11	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/4 A325
	16	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/4 A325
	15	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/2 A325
	14	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/2 A325
1/2"	13	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/2 A325
	12	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/2 A325
	11	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/2 A325
	16	SEE NOTE	1/2 X 1 1/2 A325	1/2 X 1 1/2 A325
	15	SEE NOTE	1/2 X 1 1/2 A325	1/2 X 1 1/2 A325
> 1/2"	14	REQUIRES WELDED RAFTER CLIPS FOR PURLIN ATTACHMENT		
	13	REQUIRES WELDED RAFTER CLIPS FOR PURLIN ATTACHMENT		
	12	REQUIRES WELDED RAFTER CLIPS FOR PURLIN ATTACHMENT		
	11	REQUIRES WELDED RAFTER CLIPS FOR PURLIN ATTACHMENT		
	10	REQUIRES WELDED RAFTER CLIPS FOR PURLIN ATTACHMENT		

NOTE:
DUE TO TOTAL THICKNESS, LAPPED PURLINS REQUIRE THE USE OF WELDED RAFTER CLIPS.

BOLT REQUIREMENTS FOR SECONDARY FRAMING CONNECTIONS AT RAFTERS

BS01
AA



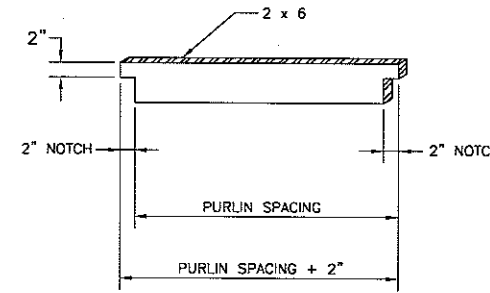
SAFETY PRECAUTION:
DON'T ALLOW BLOCKING TO BE A FALLING HAZARD TO THOSE BENEATH THE ROOF. WORKERS SHOULD WEAR OSHA APPROVED HARD HATS.

STRAIGHT PURLINS ARE A NECESSITY. ZEE SECTIONS HAVE A NATURAL TENDENCY TO ROLL OUT OF PLANE AND DEFLECT HORIZONTALLY. THIS MUST BE CORRECTED BY FORCING THE PURLINS INTO PROPER PLANE AND SPACING. WOOD BLOCKING IS RECOMMENDED AS ONE METHOD TO ACCOMPLISH THIS.

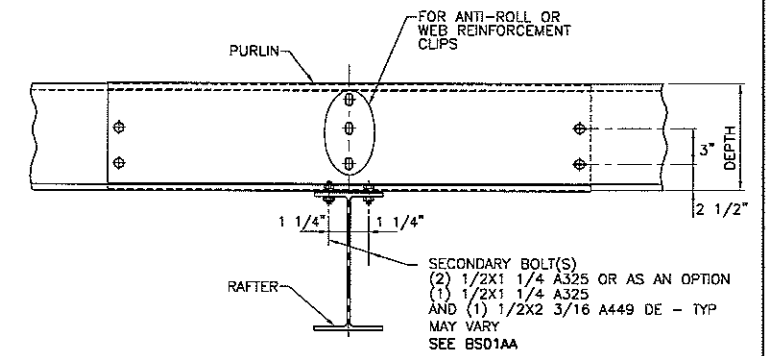
BEFORE SHEETING BEGINS IN ANY BAY, PLACE BLOCKING IN THAT BAY ACROSS THE FULL WIDTH OF THE BUILDING. AT LEAST ONE ROW IN THE CENTER OF THE BAY SHOULD ALWAYS BE USED. USE ADDITIONAL ROWS OF BLOCKING IF NEEDED TO MAINTAIN STRAIGHT PURLINS. ALLOWING THE PURLIN TO ROTATE OR SWEEP OUT OF PLANE COULD PREVENT THE ROOF PANEL FROM PROPERLY ATTACHING TO THE PURLINS AND HAS THE EFFECT OF LOWERING THE LOAD BEARING CAPACITY OF THESE ROLLED PURLINS LEADING TO POTENTIAL PURLIN FAILURE UNDER MAXIMUM DESIGN LOADS.

PURLIN BLOCKING

GE02
AA



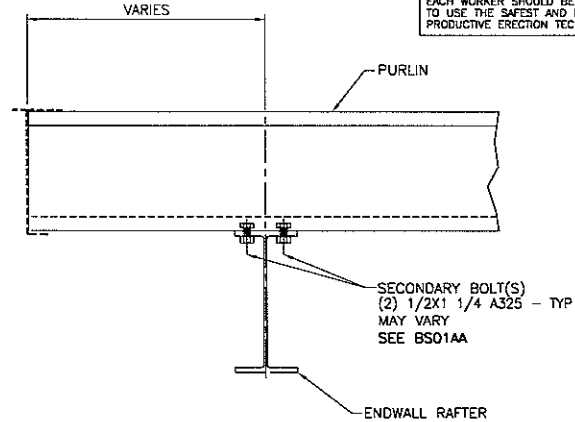
TYPICAL CONSTRUCTION OF THE WOOD BLOCKING IS SHOWN ABOVE. A 2 X 6 MINIMUM BOARD SIZE SHOULD BE USED. REFER TO THE CROSS SECTION FRAMING DRAWINGS THAT ACCOMPANIED THE BUILDING TO DETERMINE THE PURLIN SIZE AND SPACINGS.



SAFETY PRECAUTION:
PUT WORKER SAFETY FIRST.

STANDARD PURLIN LAP
BYPASS CONDITION

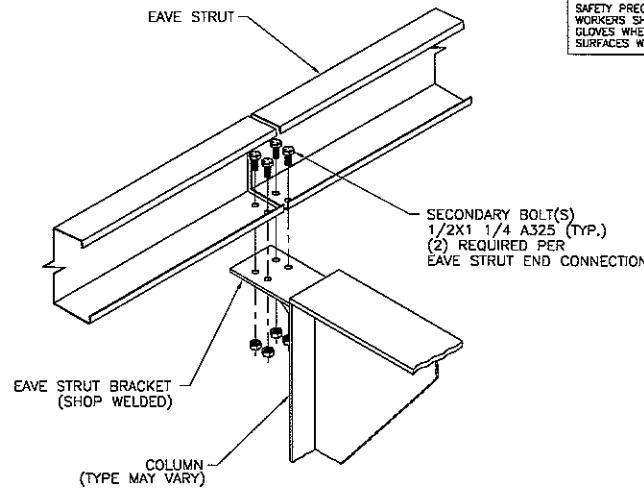
RF01
AA



SAFETY PRECAUTION:
EACH WORKER SHOULD BE TRAINED TO USE THE SAFEST AND MOST PRODUCTIVE ERECTION TECHNIQUES.

PURLIN CONNECTION DETAIL AT ENDWALL FRAME
BYPASS, INSET & FLUSH CONDITION

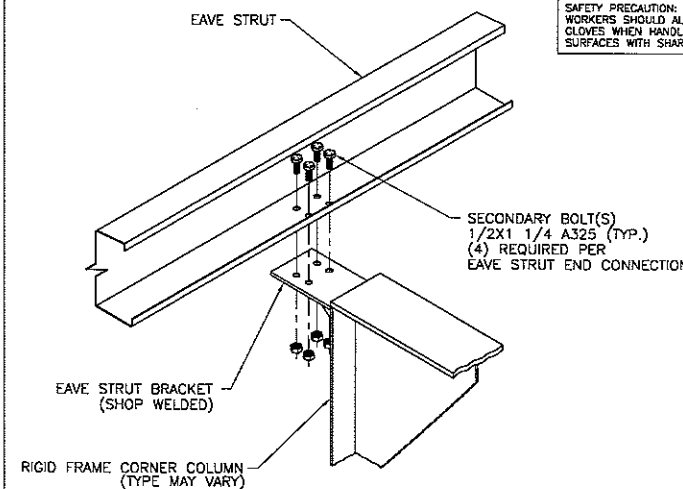
RF03R
AA



SAFETY PRECAUTION:
WORKERS SHOULD ALWAYS WEAR GLOVES WHEN HANDLING METAL SURFACES WITH SHARP EDGES.

EAVE STRUT CONNECTION (BYPASS GIRTS)
LOW SIDE SHOWN / HIGH SIDE SIMILAR

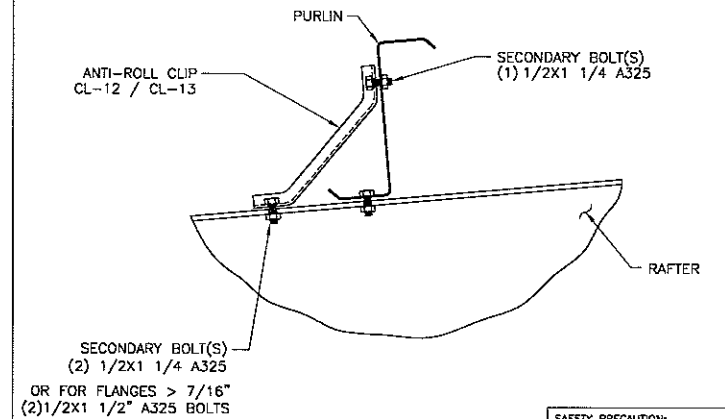
RF31R
AA



SAFETY PRECAUTION:
WORKERS SHOULD ALWAYS WEAR GLOVES WHEN HANDLING METAL SURFACES WITH SHARP EDGES.

EAVE STRUT CONNECTION (BYPASS ENDWALL)
LOW SIDE SHOWN / HIGH SIDE SIMILAR

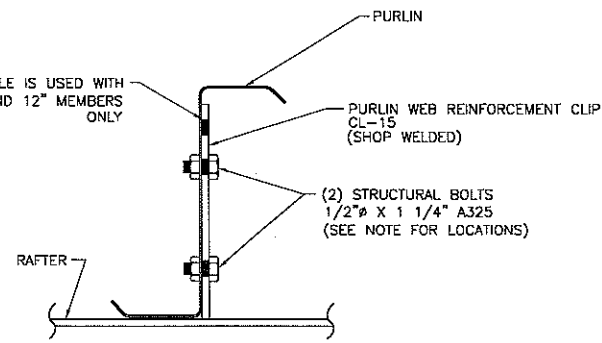
RF32R
AA



SAFETY PRECAUTION:
ALWAYS WEAR OSHA APPROVED EYE PROTECTION WHEN OPERATING DRILLS OR ELECTRIC SCREW GUNS.

ANTI-ROLL DETAIL DOWNHILL
RIGID FRAME RAFTER

RF50A
AA

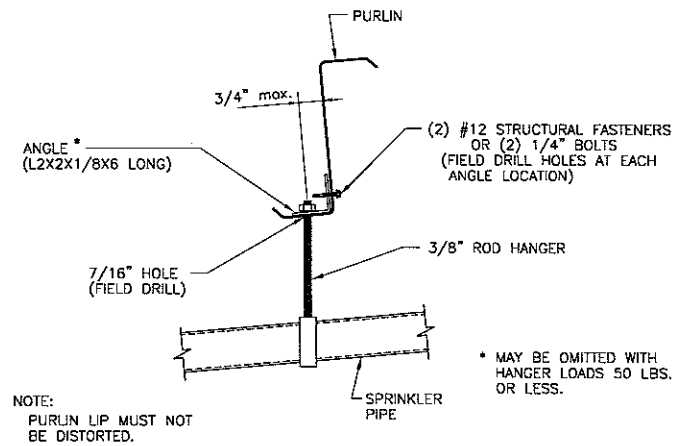


SAFETY PRECAUTION:
EACH WORKER SHOULD BE TRAINED TO USE THE SAFEST AND MOST PRODUCTIVE ERECTION TECHNIQUES.

NOTE: USE THE BOTTOM HOLE ON ALL MEMBERS. USE THE MIDDLE HOLE ON 8" MEMBERS. THE TOP HOLE IS FOR USE ON 9 1/2" & 12" MEMBERS.

PURLIN TO WELDED RAFTER CLIP DETAIL

RF54A
AA

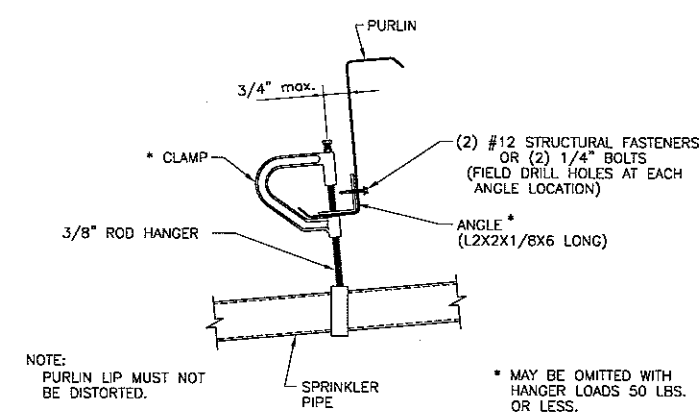


NOTE:
PURLIN LIP MUST NOT BE DISTORTED.

* MAY BE OMITTED WITH HANGER LOADS 50 LBS. OR LESS.

SPRINKLER PIPE HANGER DETAIL AT PURLINS

SH01
AA



NOTE:
PURLIN LIP MUST NOT BE DISTORTED.

* MAY BE OMITTED WITH HANGER LOADS 50 LBS. OR LESS.

ALTERNATE SPRINKLER PIPE HANGER DETAIL AT PURLINS

SH02
AA

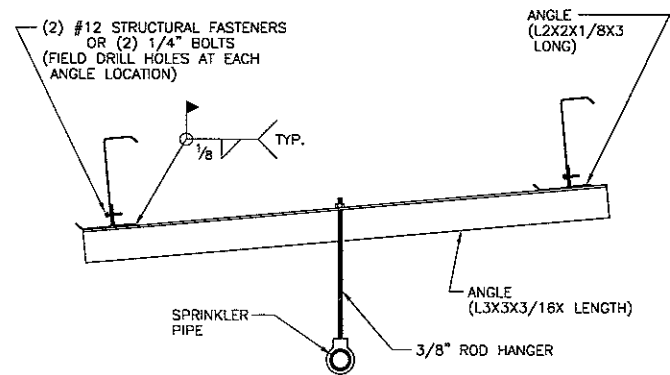
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DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE
[*] FOR CONSTRUCTION	DRAWN BY:	JFA	6/12/07
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[] FOR PRELIMINARY			
CAD BY:	JFA	07/13/07 11:12:49	Ver. 29.1

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BIENVILLE, MS
KEITH MOSLEY CONSTRUCTION

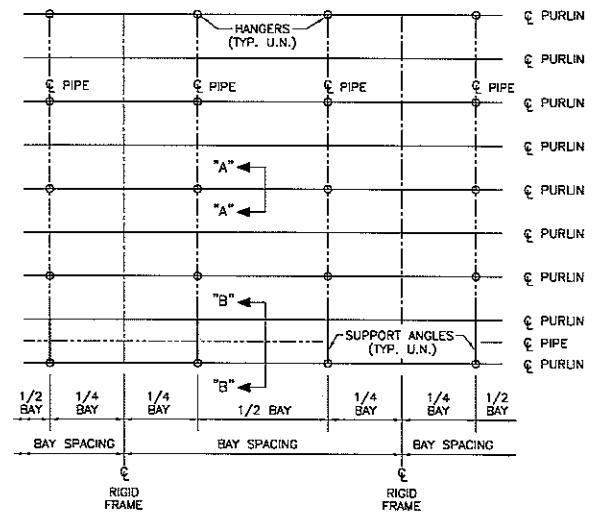
EUFALA ALABAMA
AMERICAN BUILDINGS COMPANY
DRAWING NUMBER: 11653307 SED-004
REV. NO. 0



SECTION "B-B"

SPRINKLER PIPE HANGER DETAIL BETWEEN PURLINS

SH03
AA



TYPICAL SPRINKLER PIPE LAYOUT

SH04
AA

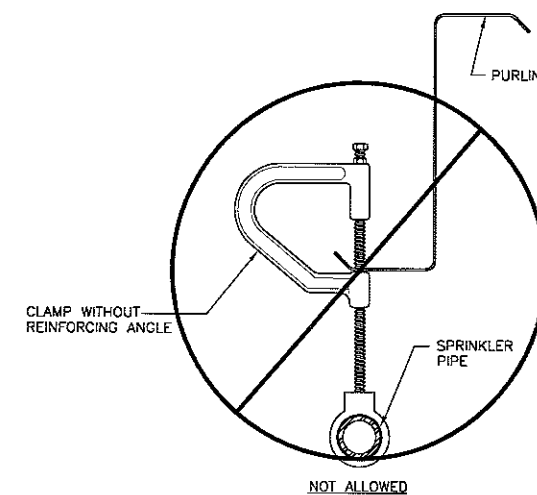
STD. WT. PIPE SIZE	DRY WT. #/FT.	WET WT. #/FT.	EQUVALENT COLLATERAL LOAD FOR PIPE SUPPORTS						POINT LOAD AT HANGER	
			20' BAYS	25' BAYS	30' BAYS	PIPE +250#	PIPE +250#	PIPE +250#	PIPE	PIPE +250#
6"	18.97	31.5	8	11	6	8	5	6	315	565
5"	14.62	23.3	6	9	4	7	3	5	233	483
4"	10.79	16.3	4	7	3	6	2	5	163	413
3 1/2"	9.11	13.4	4	7	2	5	2	4	134	384
3"	7.58	10.8	3	6	2	5	2	4	108	358
2 1/2"	5.79	7.9	2	6	1	5	1	4	79	329
2"	3.65	5.1	1	5	1	4	1	3	51	301
1 1/2"	2.72	3.6	1	5	1	4	1	3	36	286
1 1/4"	2.27	2.9	1	5	1	4	1	3	29	279
1"	1.68	2.1	1	5	1	4	1	3	21	271

NOTES:

1. PIPE HANGERS ASSUMED AT 10' SPACINGS LOCATED PER TYPICAL PIPE LAYOUT AS SHOWN IN DETAIL SH04/AA.
2. FOR PIPE SUPPORTED AT 5' INTERVALS, VALUES ABOVE MAY BE HALVED.
3. PURLIN SPACE ASSUMED TO BE 5' ON CENTERS.
4. SPECIAL CONSIDERATION SHOULD BE MADE WHEN ALL BAYS ARE NOT UNIFORMLY LOADED.
5. 250# LOAD IS REQUIRED BY UBC TO BE APPLIED TO ANY ONE SINGLE SUPPORT IN ADDITION TO PIPE LOADS.

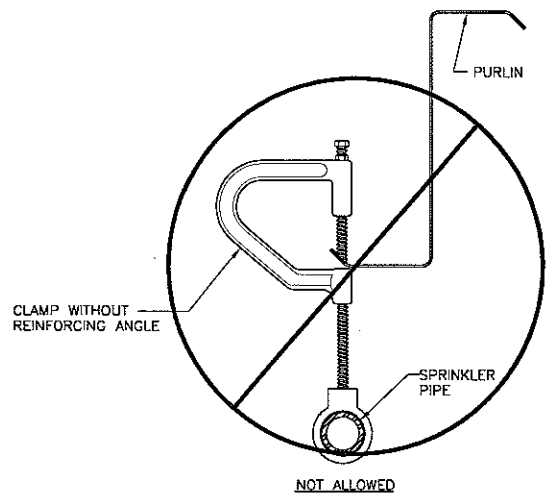
LOADS FOR SPRINKLER PIPE SUPPORTS

SH05
AA



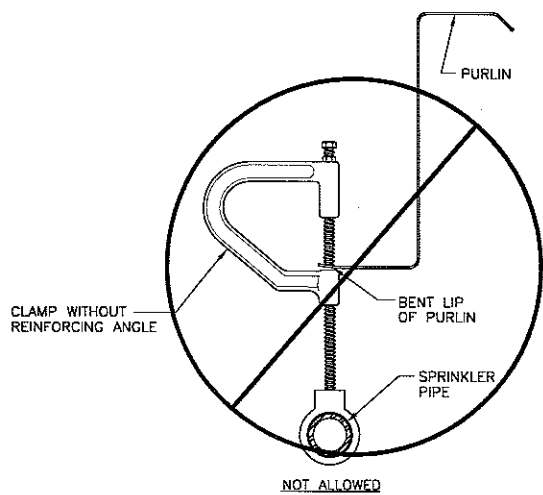
SPRINKLER PIPE "NOT ALLOWED DETAIL"
CLAMP WITHOUT REINFORCING ANGLE

SH06
AA



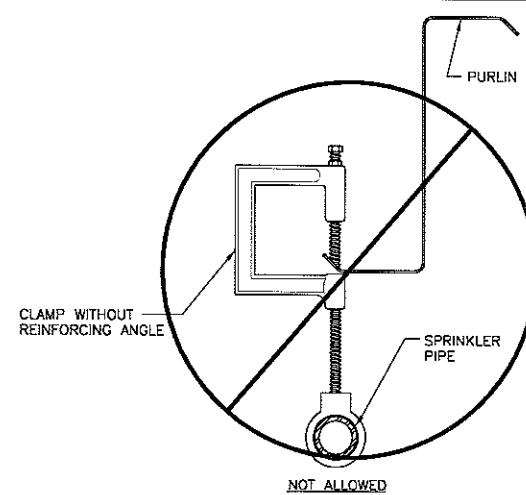
SPRINKLER PIPE "NOT ALLOWED DETAIL"
CLAMP WITHOUT REINFORCING ANGLE AND ATTACHED AT PURLIN LIP

SH06A
AA



SPRINKLER PIPE "NOT ALLOWED DETAIL"
CLAMP WITHOUT REINFORCING ANGLE AND BENDING LIP OF PURLIN

SH07
AA

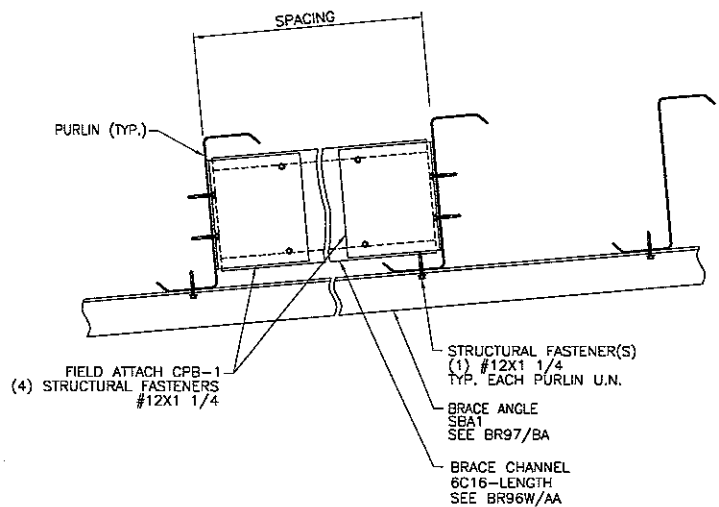


SPRINKLER PIPE "NOT ALLOWED DETAIL"
CLAMP WITHOUT REINFORCING ANGLE AND ATTACHED AT PURLIN LIP

SH07A
AA

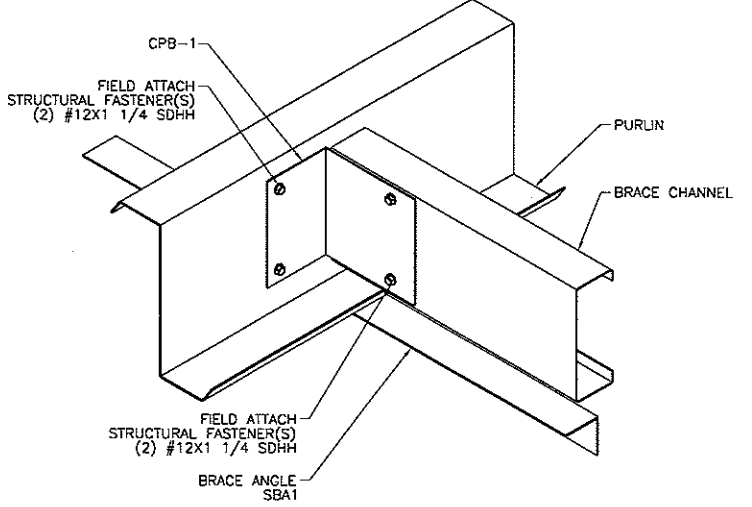
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REV.NO. 0



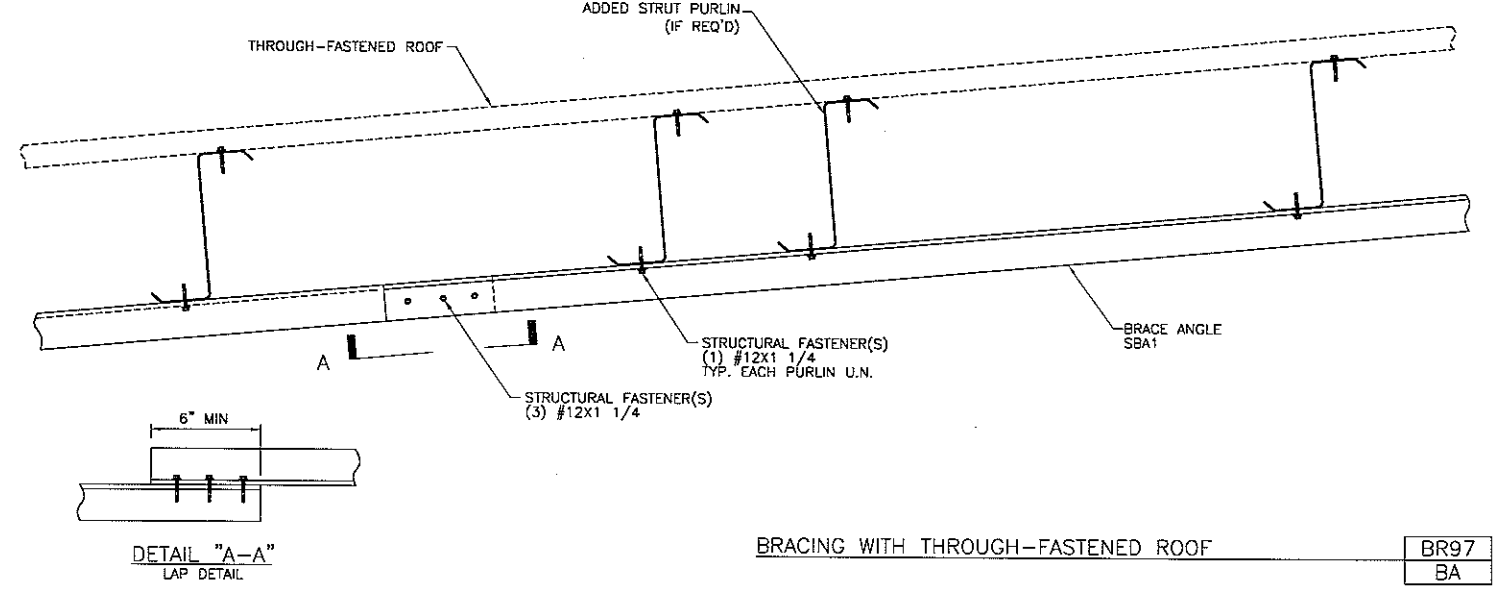
BRACING DETAIL THROUGH-FASTENED ROOF
8" OR 9 1/2" PURLINS

BR51
BA



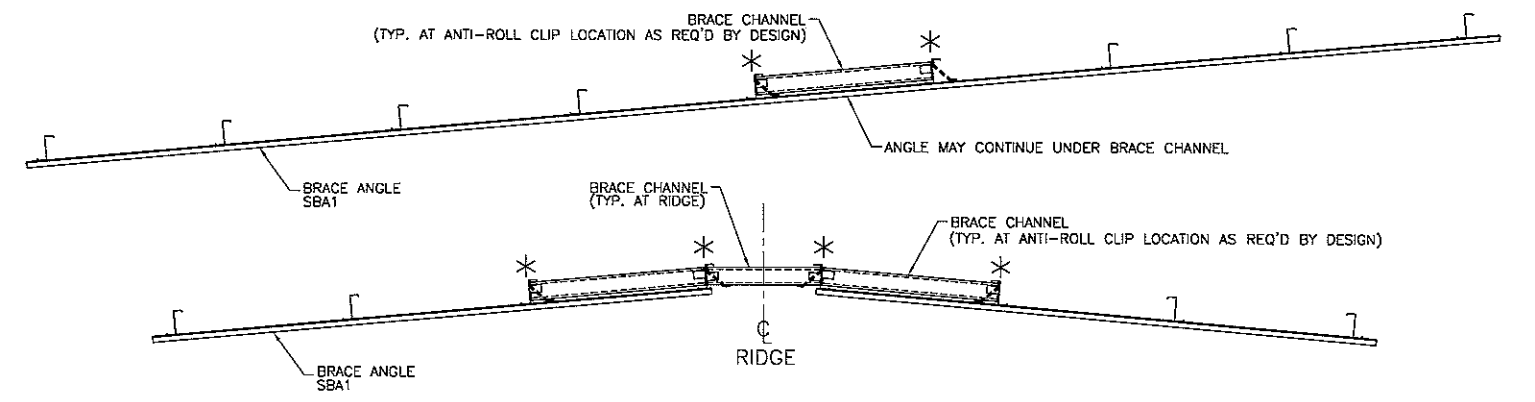
BRACE CHANNEL INSTALLATION

BR92
BA



BRACING WITH THROUGH-FASTENED ROOF

BR97
BA



* REFERENCE ROOF FRAMING PLAN FOR ANTI-ROLL CLIP, BRACE CHANNEL AND PURLIN BRACING LOCATIONS.

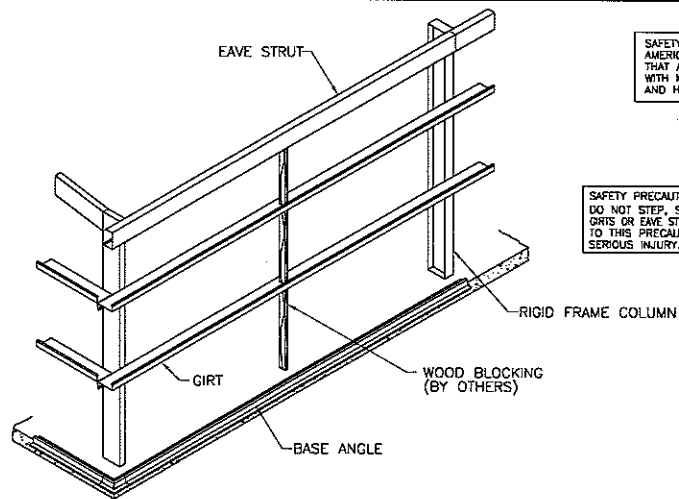
BRACING LAYOUT FOR USE WITH THROUGH-FASTENED ROOFS

BR98
BA

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	PSL - NORTH AMERICA	EUFULA	ALABAMA
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																		DRAWING NUMBER: 11653307 SED-006		REV.NO. 0



COLUMN FLANGE THICKNESS	SECONDARY FRAMING GAUGE	DOUBLE ENDED BOLT REQUIRED	1/2" A325 BOLT REQUIRED FOR LAPPED MEMBERS	1/2" A325 BOLT REQUIRED FOR NON LAPPED MEMBERS
< 3/8"	11 - 16	1/2 X 2 3/16 A449 DE	1/2 X 1 1/4 A325	1/2 X 1 1/4 A325
	16	1/2 X 2 3/16 A449 DE	1/2 X 1 1/4 A325	1/2 X 1 1/4 A325
3/8"	15	1/2 X 2 3/16 A449 DE	1/2 X 1 1/4 A325	1/2 X 1 1/4 A325
	14	1/2 X 2 3/16 A449 DE	1/2 X 1 1/4 A325	1/2 X 1 1/4 A325
	13	1/2 X 2 3/16 A449 DE	1/2 X 1 1/4 A325	1/2 X 1 1/4 A325
	12	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/4 A325
1/2"	11	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/4 A325
	16	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/4 A325
	15	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/2 A325
	14	1/2 X 2 3/16 A449 DE	1/2 X 1 1/2 A325	1/2 X 1 1/2 A325
5/8"	13	1/2 X 3 5/8 A307 DE	1/2 X 1 1/2 A325	1/2 X 1 1/2 A325
	12	1/2 X 3 5/8 A307 DE	1/2 X 2 A325	1/2 X 1 1/2 A325
	11	1/2 X 3 5/8 A307 DE	1/2 X 2 A325	1/2 X 1 1/2 A325
	16	1/2 X 3 5/8 A307 DE	1/2 X 2 A325	1/2 X 1 1/2 A325
3/4"	15	1/2 X 3 5/8 A307 DE	1/2 X 2 A325	1/2 X 2 A325
	14	1/2 X 3 5/8 A307 DE	1/2 X 2 A325	1/2 X 2 A325
	13	1/2 X 3 5/8 A307 DE	1/2 X 2 A325	1/2 X 2 A325
	12	1/2 X 3 5/8 A307 DE	1/2 X 2 A325	1/2 X 2 A325
1"	11	1/2 X 3 5/8 A307 DE	1/2 X 2 A325	1/2 X 2 A325
1 1/2"	11 - 16	1/2 X 3 5/8 A307 DE	1/2 X 2 A325	1/2 X 2 A325
			SPECIAL ORDER	SPECIAL ORDER



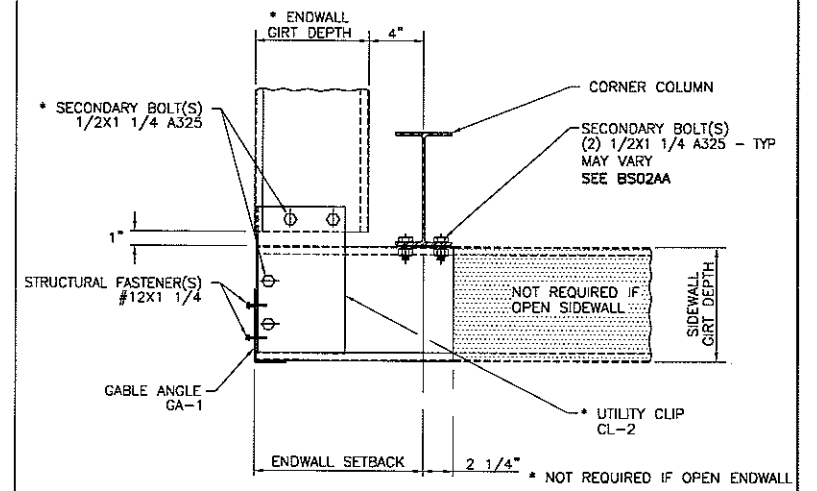
TYPICAL CONSTRUCTION OF THE WOOD BLOCKING IS SHOWN ABOVE. A 2 X 6 MINIMUM BOARD SIZE SHOULD BE USED. REFER TO THE CROSS SECTION FRAMING DRAWINGS TO DETERMINE THE GIRT SIZE AND SPACINGS.

BOLT REQUIREMENTS FOR SECONDARY FRAMING CONNECTIONS AT COLUMNS

BS02
AA

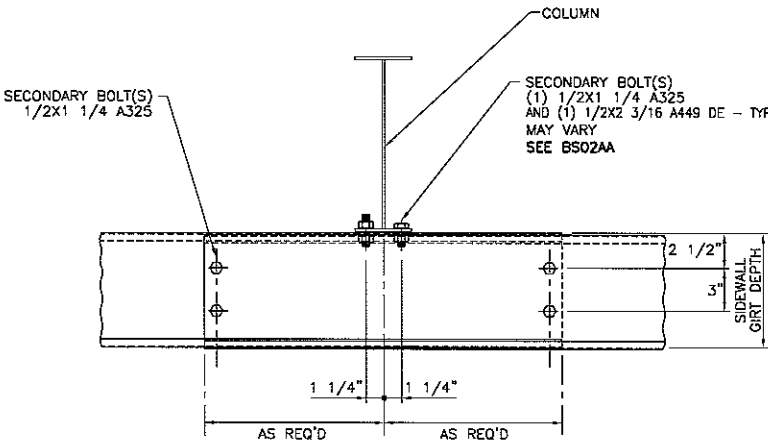
GIRT BLOCKING

GEO3
AA



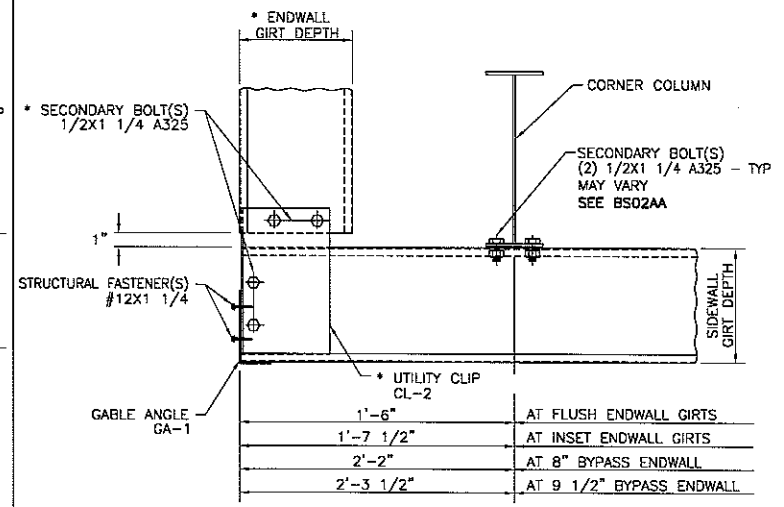
CORNER GIRT CONNECTION (BEAM & COLUMN CORNER COLUMN) WFO1RR
BYPASS, INSET OR FLUSH SIDEWALL / BYPASS ENDWALL

AA



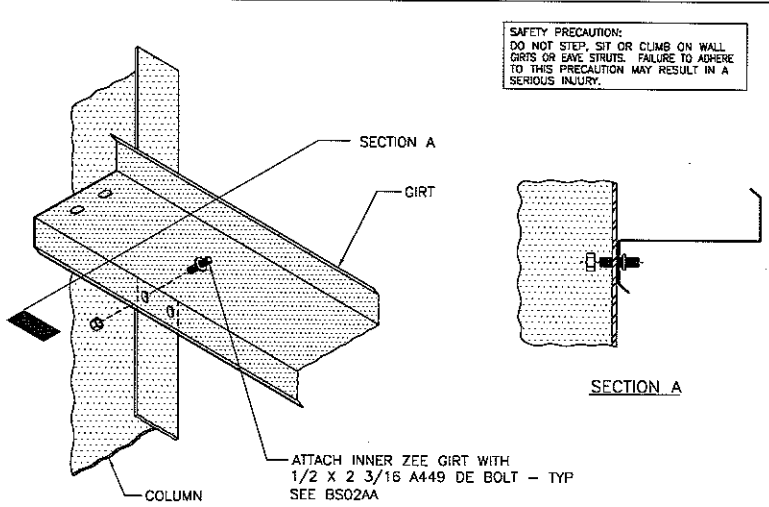
BYPASS LAPPED GIRT CONNECTION TO COLUMN

WF02R
AA



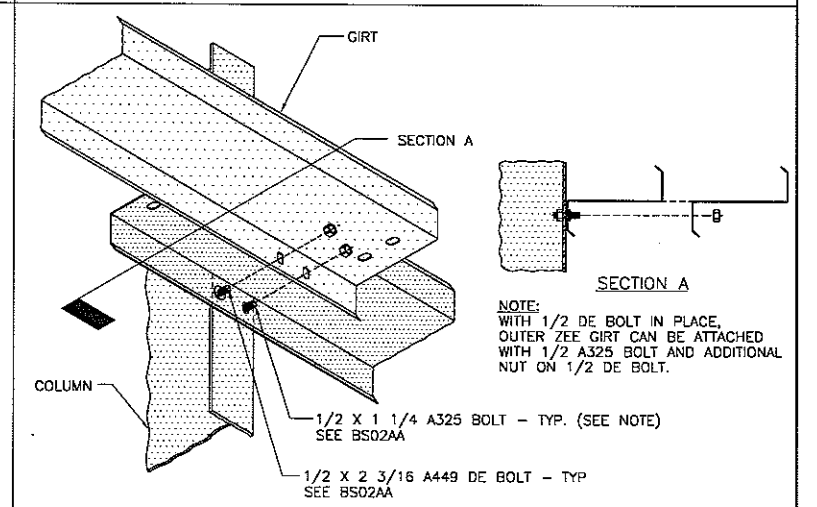
CORNER GIRT CONNECTION (RIGID FRAME CORNER COLUMN) WFO4
BYPASS SIDEWALL / BYPASS, INSET OR FLUSH ENDWALL

AA



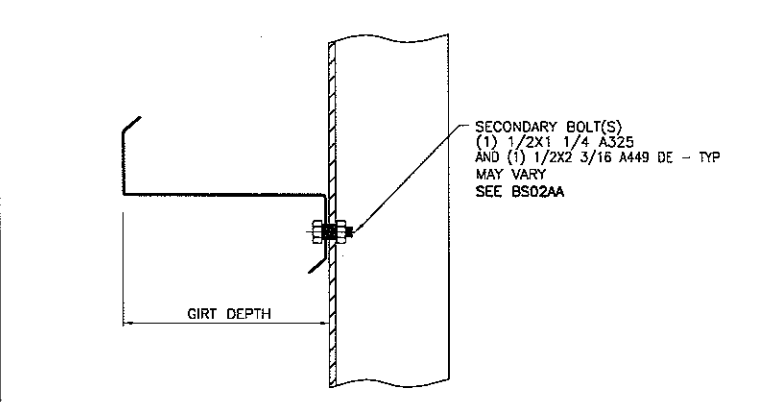
BYPASS GIRT TO COLUMN CONNECTION (LAPPED GIRTS ONLY) WF10R
STEP ONE

AA



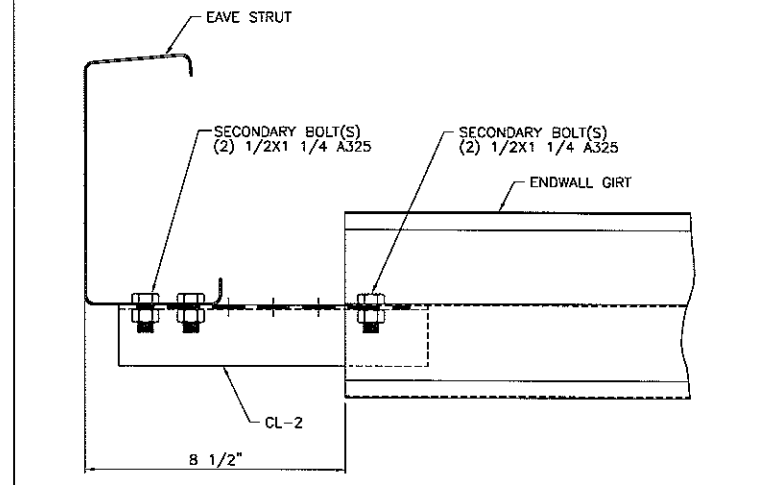
BYPASS GIRT TO COLUMN CONNECTION (LAPPED GIRTS ONLY) WF10RA
STEP TWO

AA



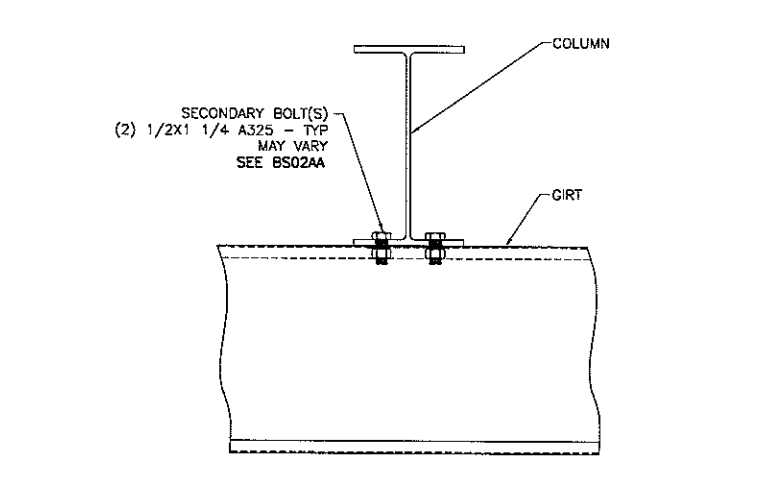
BYPASS GIRT

WF58R
AA



EAVE STRUT TO ENDWALL GIRTS CONNECTION

WF60
AA



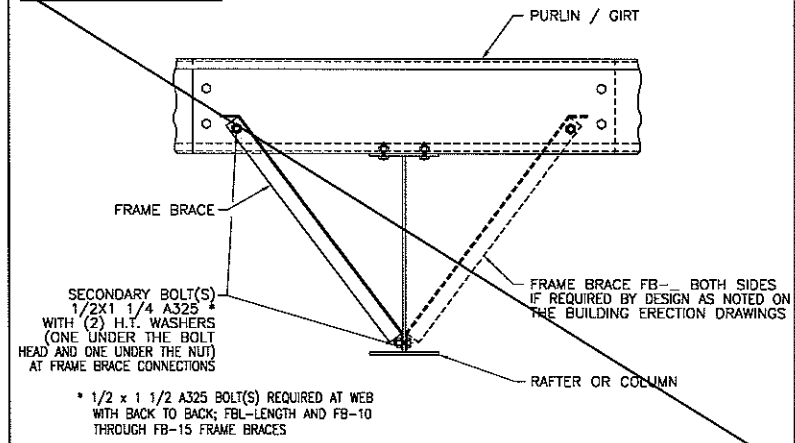
BYPASS NON-LAPPED GIRT CONNECTION TO COLUMN

WF61R
AA

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SAFETY PRECAUTION:
WORKERS SHOULD BE TRAINED IN
THE PROPER ERECTION PROCEDURES
FOR ALL JOBS.



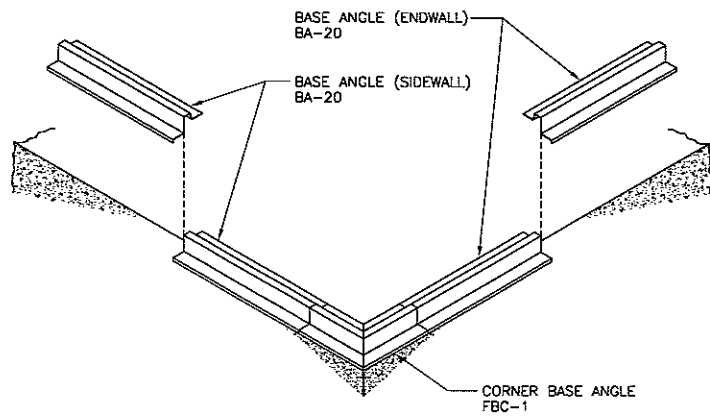
FRAME BRACE
FOR BYPASS PURLINS / GIRTS

BR17
AA

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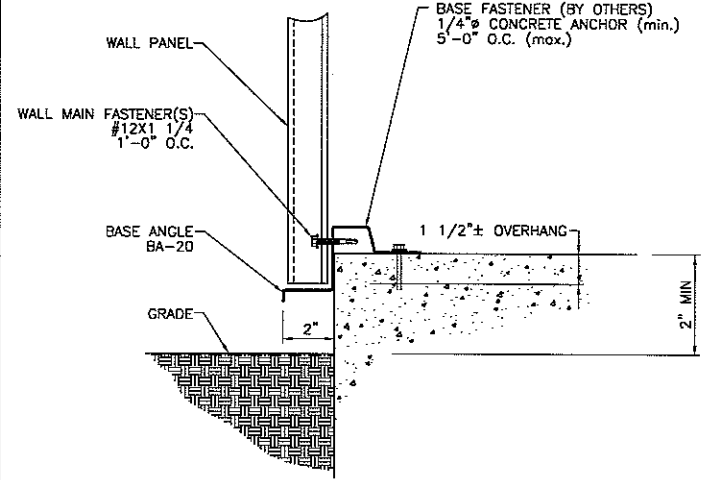


AMERICAN BUILDINGS COMPANY



BASE ANGLE DETAIL

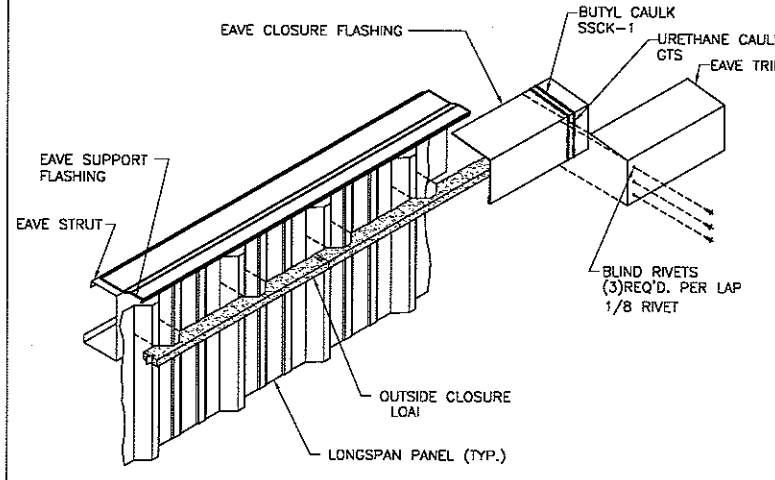
BA01
AB



SECTION AT BASE ANGLE

ARCHITECTURAL III, ARCHITECTURAL "V" RIB OR LONG SPAN III WALLS

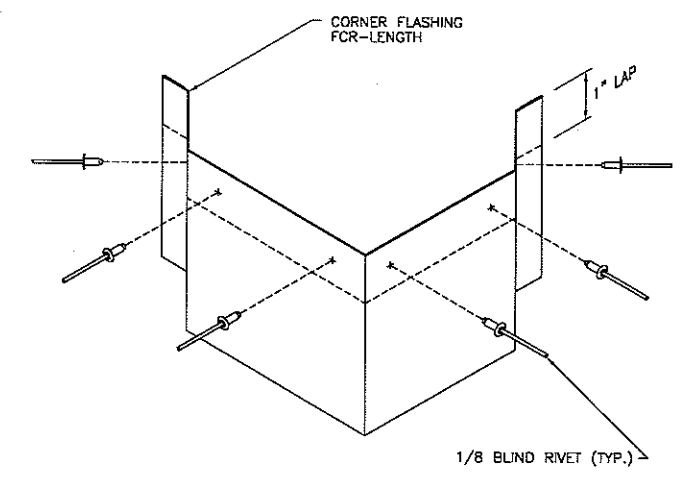
BA02
AB



OUTSIDE CLOSURE INSTALLATION AT EAVE

LONGSPAN WALLS

EA37
AB



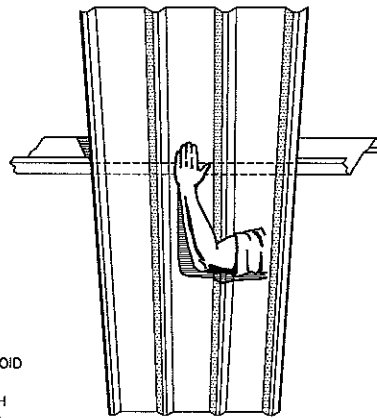
OUTSIDE CORNER FLASHING

LONG SPAN WALLS

FL08
AB

THINGS TO REMEMBER

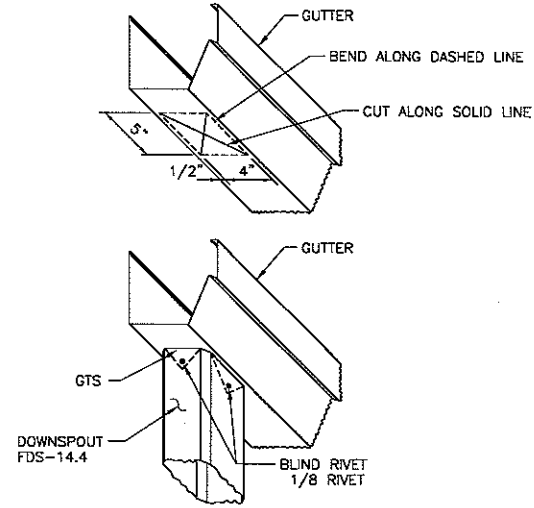
1. THINK SAFETY.
2. CARE FOR PANELS IN ACCORDANCE WITH ERECTION GUIDE.
3. ALIGN GIRT.
4. PLUMB FIRST AND EVERY PANEL.
5. CHECK COVERAGE ON EVERY PANEL.
6. FOLLOW SCREW ATTACHMENT SEQUENCE: TRAILING TO LEADING, TOP TO BOTTOM.
7. DO NOT EXCEED INSULATION THICKNESS (4" MAX.).
8. DO NOT "RATCHET" OR OVERTIGHTEN WALL PANEL SCREWS. THIS WILL CAUSE "DIMPLING".
9. USE THE FLAT OF THE LONGSPAN PANEL TO APPLY PRESSURE WHEN INSTALLING. (SEE EXAMPLE)
10. DO NOT USE ABRASIVE SAWS OR OTHER CUTTING TOOLS WHICH PRODUCE HOT METAL PARTICLES OR BURNED EDGES. THESE METHODS WILL DAMAGE THE PAINTED AND GALVALUME FINISH AND WILL VOID ANY WARRANTIES. USE DOUBLE CUT SHEARS, NIBBLERS OR OTHER CUTTING DEVICES WHICH DO NOT PRODUCE HOT METAL PARTICLES OR BURNED EDGES.



PANEL INSTALLATION NOTES

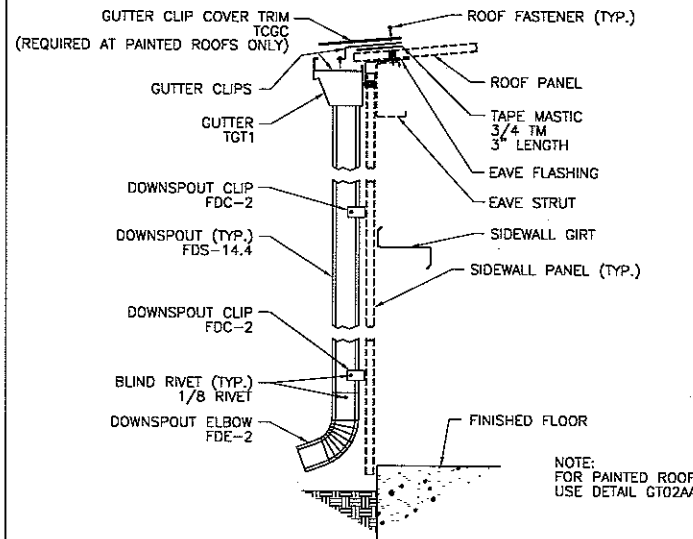
LONGSPAN WALL PANELS

GE04
AB



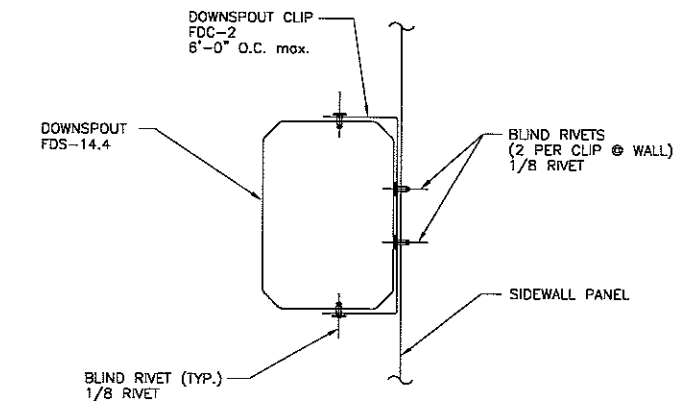
DOWNSPOUT OUTLET DETAIL

GT01
AA



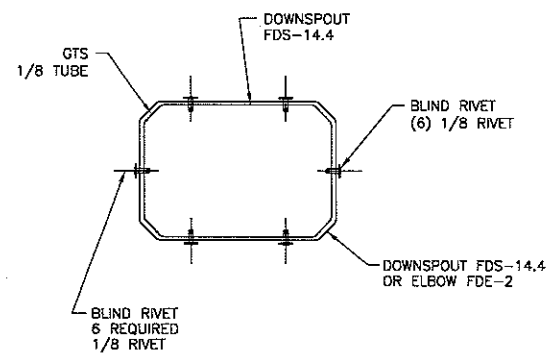
DOWNSPOUT DETAIL

GT02
AA



SECTION THROUGH DOWNSPOUT

GT03
AA



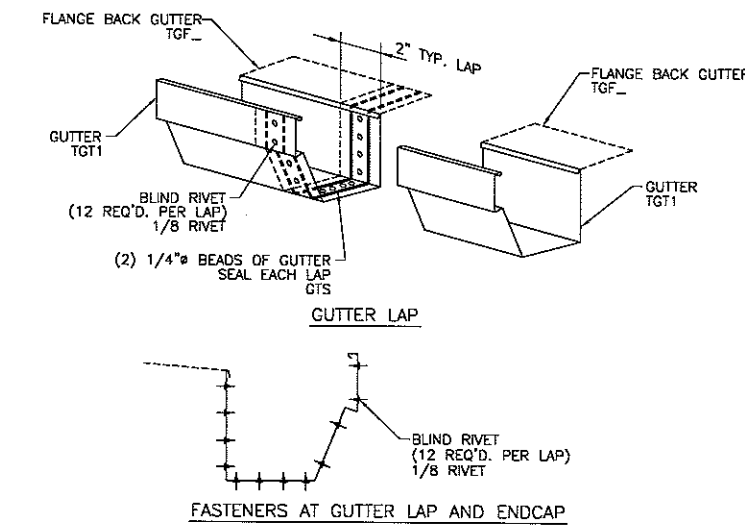
RIVET LOCATIONS AT DOWNSPOUT LAP OR ELBOW

GT04
AA

EAVE	DOWNSPOUTS	DOWNSPOUT CLIPS (FDC-2)
10'	1 PC. FDS-14.4 & 1 PC. FDE-2	2
12'	1 PC. FDS-14.4 & 1 PC. FDE-2	2
14'	1 PC. FDS-14.4 & 1 PC. FDE-2	3
16'	1 PC. FDS-14.4 & 1 PC. FDE-2	3
18'	1 1/2 PC. FDS-14.4 & 1 PC. FDE-2	4
20'	1 1/2 PC. FDS-14.4 & 1 PC. FDE-2	4
22'	1 1/2 PC. FDS-14.4 & 1 PC. FDE-2	4
24'	2 PC. FDS-14.4 & 1 PC. FDE-2	5
26'	2 PC. FDS-14.4 & 1 PC. FDE-2	5
28'	2 PC. FDS-14.4 & 1 PC. FDE-2	6
30'	2 PC. FDS-14.4 & 1 PC. FDE-2	6
32'	2 1/2 PC. FDS-14.4 & 1 PC. FDE-2	6
34'	2 1/2 PC. FDS-14.4 & 1 PC. FDE-2	7
36'	2 1/2 PC. FDS-14.4 & 1 PC. FDE-2	7
38'	3 PC. FDS-14.4 & 1 PC. FDE-2	8
40'	3 PC. FDS-14.4 & 1 PC. FDE-2	8

DOWNSPOUT SCHEDULE

GT06
AA

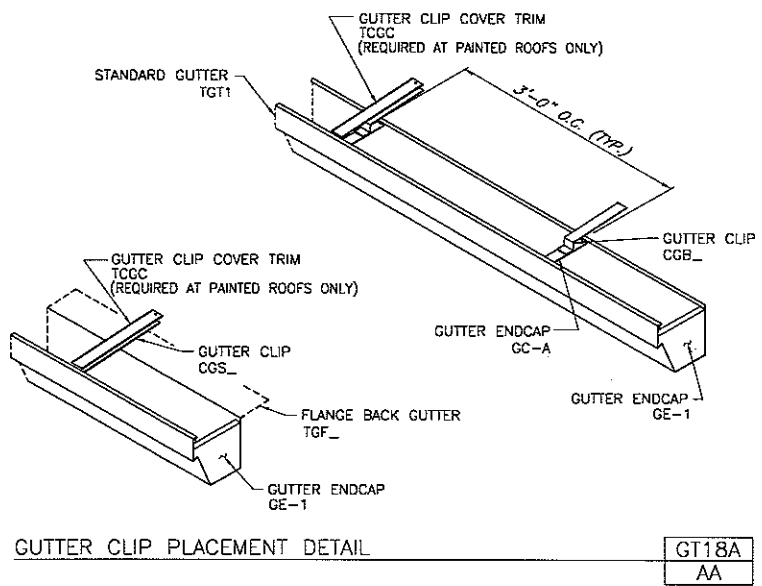


GUTTER LAP AND GUTTER ENDCAP FASTENER DETAIL

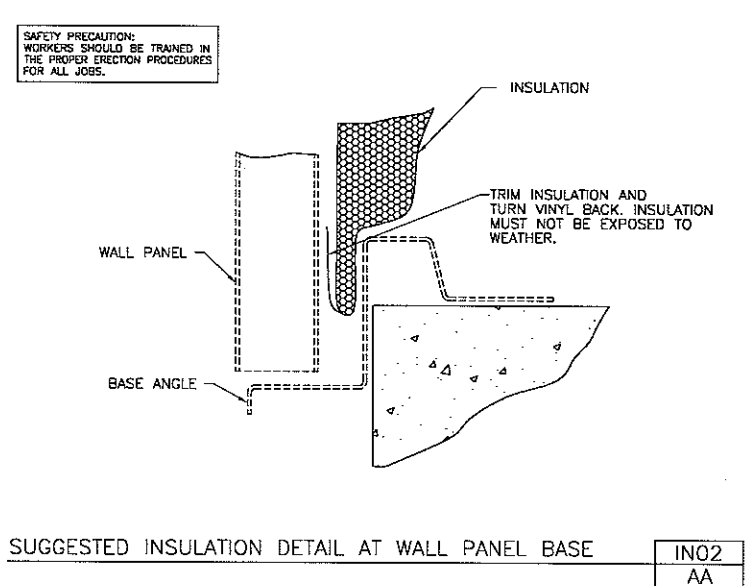
GT07
AA

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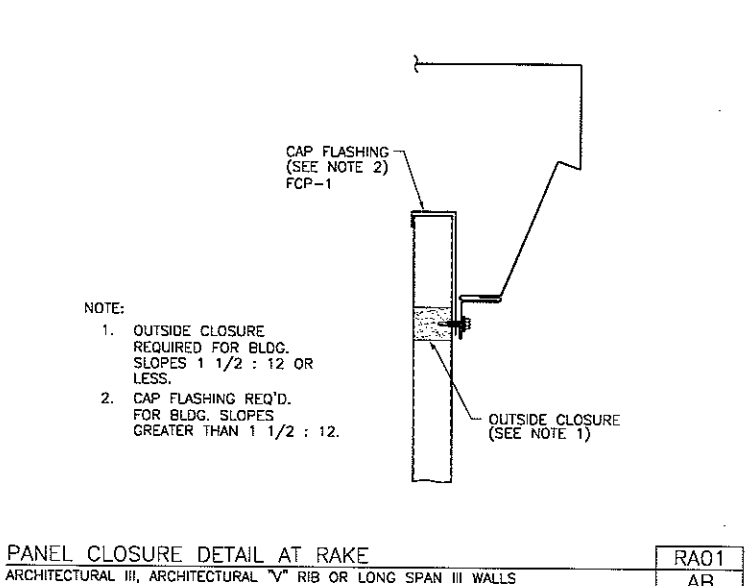
AMERICAN BUILDINGS COMPANY
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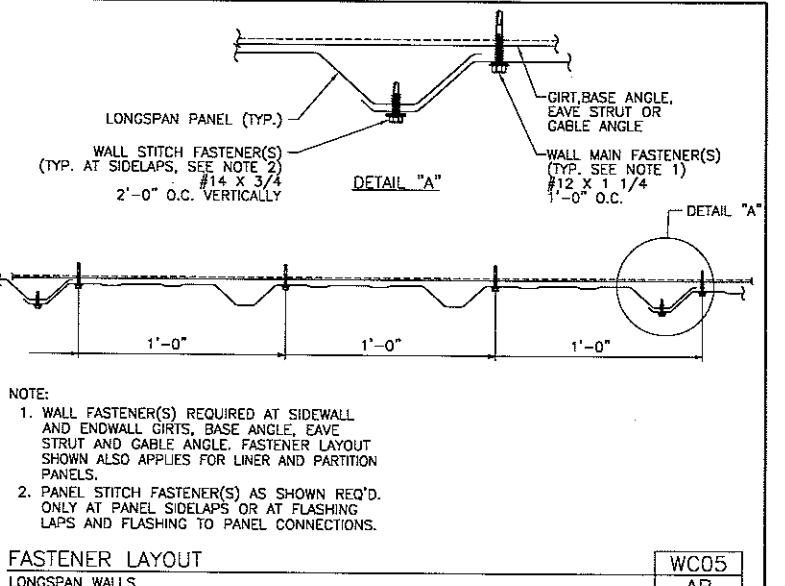
GUTTER CLIP PLACEMENT DETAIL GT18A
AA



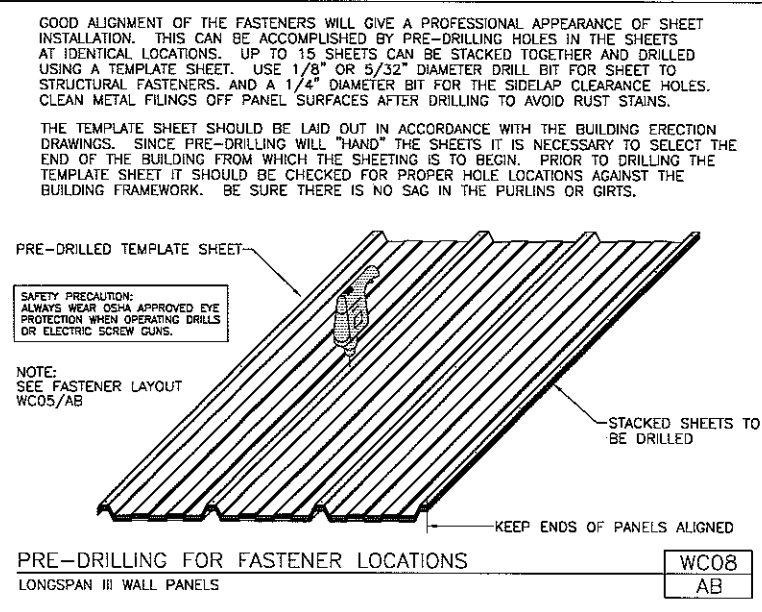
SUGGESTED INSULATION DETAIL AT WALL PANEL BASE INQ2
AA



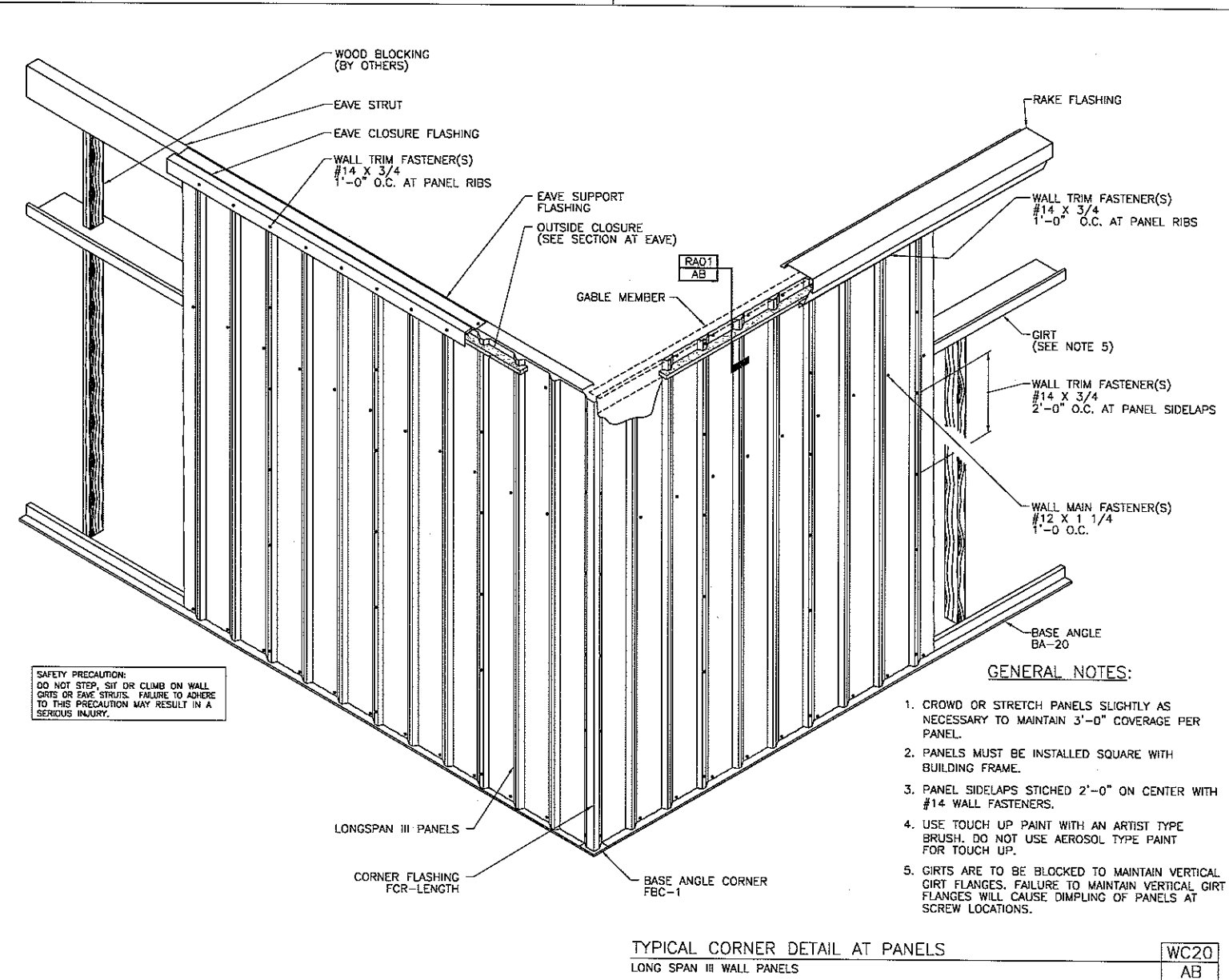
PANEL CLOSURE DETAIL AT RAKE RA01
AB



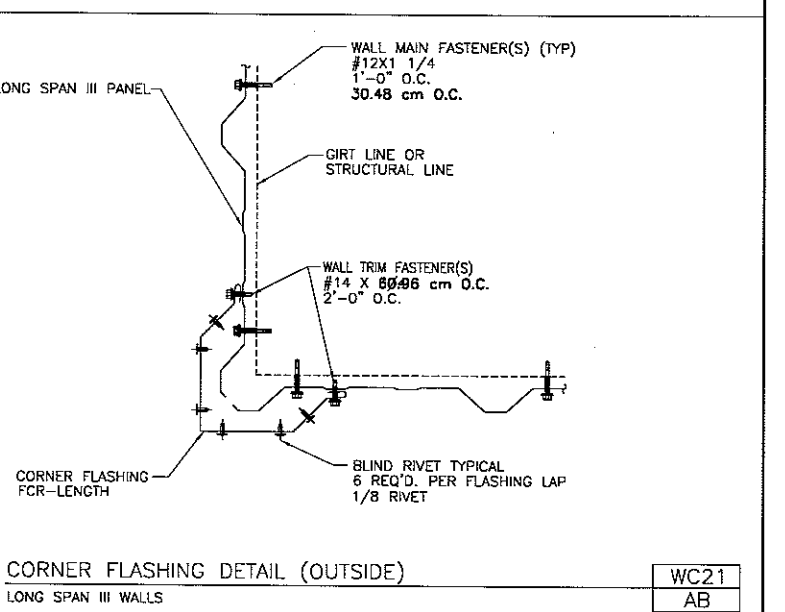
FASTENER LAYOUT WC05
AB



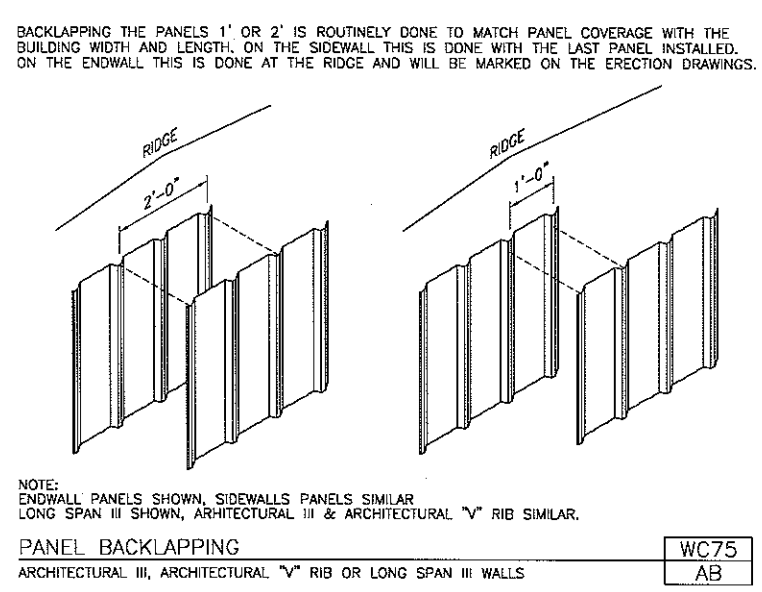
PRE-DRILLING FOR FASTENER LOCATIONS WC08
AB



TYPICAL CORNER DETAIL AT PANELS WC20
AB



CORNER FLASHING DETAIL (OUTSIDE) WC21
AB




PANEL BACKLAPPING WC75
AB

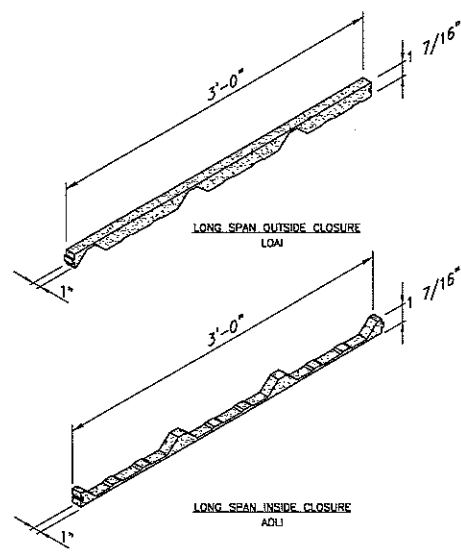
- NOTE:
1. OUTSIDE CLOSURE REQUIRED FOR BLDG. SLOPES 1 1/2 : 12 OR LESS.
 2. CAP FLASHING REQ'D. FOR BLDG. SLOPES GREATER THAN 1 1/2 : 12.

OUTSIDE CLOSURE (SEE NOTE 1)

- GENERAL NOTES:
1. CROWD OR STRETCH PANELS SLIGHTLY AS NECESSARY TO MAINTAIN 3'-0" COVERAGE PER PANEL.
 2. PANELS MUST BE INSTALLED SQUARE WITH BUILDING FRAME.
 3. PANEL SIDELAPS STICHED 2'-0" ON CENTER WITH #14 WALL FASTENERS.
 4. USE TOUCH UP PAINT WITH AN ARTIST TYPE BRUSH. DO NOT USE AEROSOL TYPE PAINT FOR TOUCH UP.
 5. GIRTS ARE TO BE BLOCKED TO MAINTAIN VERTICAL GIRT FLANGES. FAILURE TO MAINTAIN VERTICAL GIRT FLANGES WILL CAUSE DIMPLING OF PANELS AT SCREW LOCATIONS.

NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	NO.	REVISIONS	MADE	CK'D	DATE	ENGR	DATE	DRAWING SUBMITTAL STATUS	SCALE:	NONE	DATE	PSL - NORTH AMERICA	EUFALA	ALABAMA
														[*] FOR CONSTRUCTION	DRAWN BY: JFA		6/12/07	BIENVILLE, MS		
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WALL FASTENERS

DESCRIPTION
#12 X 1 1/4 SELF DRILLING CARBON STEEL HEX HEAD FASTENER WITHOUT WASHER
MARK NO. #12X1 1/4 SDHH

APPLICATION
CLIPS AT OVERHEAD DOORS, WALK DOORS, ETC.

DESCRIPTION
#12 X 1 1/4 SELF DRILLING COLOR MATCHING HEX HEAD FASTENER WITHOUT WASHER
MARK NO. #12X1 1/4 SDHH

APPLICATION
SHEET TO STRUCTURAL CONNECTIONS (BASE & GABLE ANGLE, GIRTS, EAVE STRUTS, ETC.)

DESCRIPTION
#14 X 3/4 SELF DRILLING COLOR MATCHING HEX HEAD FASTENER WITHOUT WASHER
MARK NO. #14X7/8 SDHH

APPLICATION
PANEL SIDELAP CONNECTIONS, FLASHING TO PANEL CONNECTIONS AND OTHER SHEET TO SHEET CONNECTIONS

MISCELLANEOUS FASTENERS

DESCRIPTION
1/8" BLIND RIVET
MARK NO. 1/8 RIVET

APPLICATION
FLASHING LAPS AND FLASHING TO PANEL CONNECTIONS

DESCRIPTION
3/16" DIAMETER RIVET WITH WASHER
MARK NO. SRV-1

APPLICATION
SIDELIGHT SIDELAP CONNECTIONS (SPECIAL NOSEPIECE REQUIRED)

DESCRIPTION
#10 X 1/2 SELF TAPPING CARBON STEEL HEX HEAD FASTENER WITHOUT WASHER
MARK NO. #10X1/2 STHH

APPLICATION
WINDOW JAMB MULLIONS

SPECIAL CONDITION FASTENERS

DESCRIPTION
#12 X 1 1/4 TEKA SELF DRILLING CARBON STEEL HEX HEAD FASTENER WITHOUT WASHER
MARK NO. #12X1 1/4 SDHHT4

APPLICATION
(STEEL THICKNESSES GREATER THAN 12 GA. AND UP TO AND INCLUDING 1/4")
FIELD STRUCTURAL ATTACHMENTS

DESCRIPTION
#12 X 1 1/2 TEKS SELF DRILLING CARBON STEEL HEX HEAD FASTENER WITH WASHER
MARK NO. #12X1 1/2 SDHHT5

APPLICATION
(STEEL THICKNESSES GREATER THAN 1/4" AND UP TO AND INCLUDING 1/2")
FIELD STRUCTURAL ATTACHMENTS

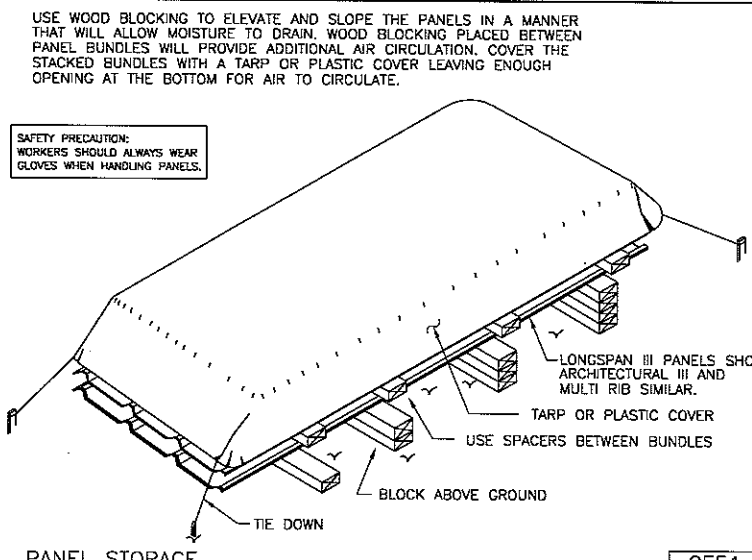
DESCRIPTION
#10 X 1 1/2 SELF TAPPING CARBON STEEL HEX HEAD FASTENER WITH WASHER
MARK NO. #10X1 1/2 STHHW

APPLICATION
PANELS TO WOOD STRUCTURE.
(1/4" HEX HEAD SOCKET REQUIRED)

NOTE: ALL HEX HEAD SIZES SHALL REQUIRE A 5/16" HEX SOCKET UNLESS NOTED.

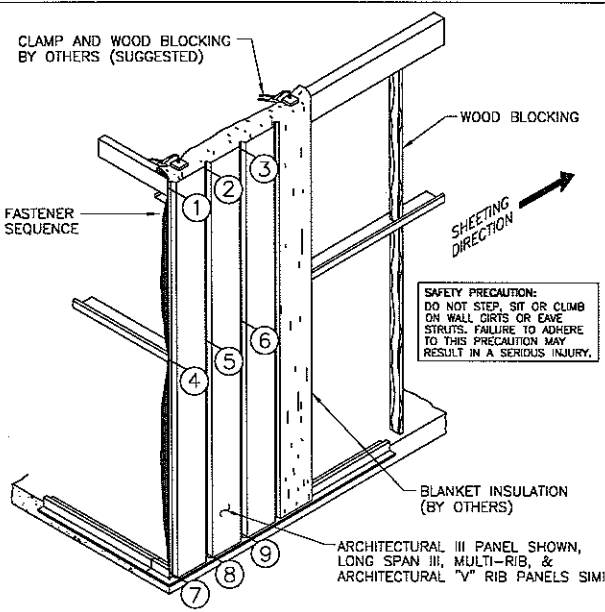
BASIC PARTS AND PIECES
LONGSPAN WALLS

WC61
AB

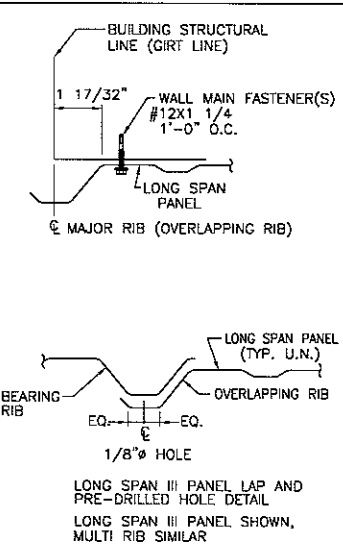


PANEL STORAGE
LONG SPAN III, ARCHITECTURAL III, AND MULTI-RIB PANELS

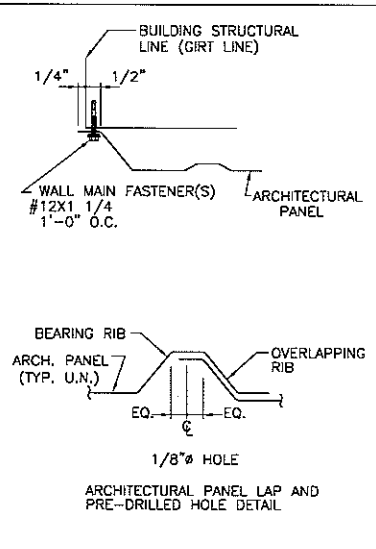
GE51
AA



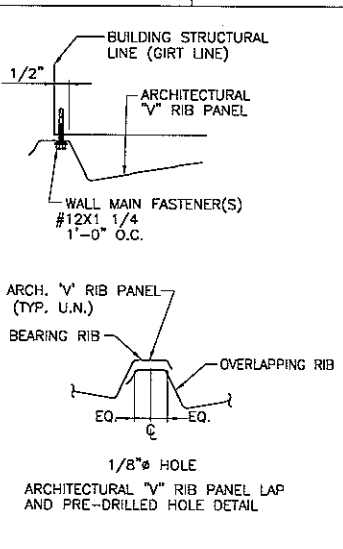
SAFETY PRECAUTION:
DO NOT STEP, SIT OR CLIMB ON WALL GIRTS OR EAVE STRUTS. FAILURE TO ADHERE TO THIS PRECAUTION MAY RESULT IN A SERIOUS INJURY.



LONG SPAN III PANEL LAP AND PRE-DRILLED HOLE DETAIL
LONG SPAN III PANEL SHOWN, MULTI RIB SIMILAR



ARCHITECTURAL PANEL LAP AND PRE-DRILLED HOLE DETAIL



ARCHITECTURAL "V" RIB PANEL LAP AND PRE-DRILLED HOLE DETAIL

PRE-DRILLING OVERLAPPING RIB FOR STITCH SCREWS AS SHOWN WILL INSURE ALL SCREWS ARE ALIGNED.
NOTE! TO AVOID DIMPLING DO NOT OVER TORQUE SCREWS.

WALL PANEL INSTALLATION

LONG SPAN III, ARCHITECTURAL III, ARCHITECTURAL "V" RIB, OR MULTI-RIB WALL PANELS

WC64
AB

PRIOR TO WALL SHEETING ALIGN WALL GIRTS AS SHOWN IN GE03/AA.
INSULATION (BY OTHERS) IF REQUIRED, SHOULD BE INSTALLED PRIOR TO THE PANEL INSTALLATION AND CONTINUED IN THE SAME MANNER AS SHEETING PROGRESSES ALONG THE WALL.

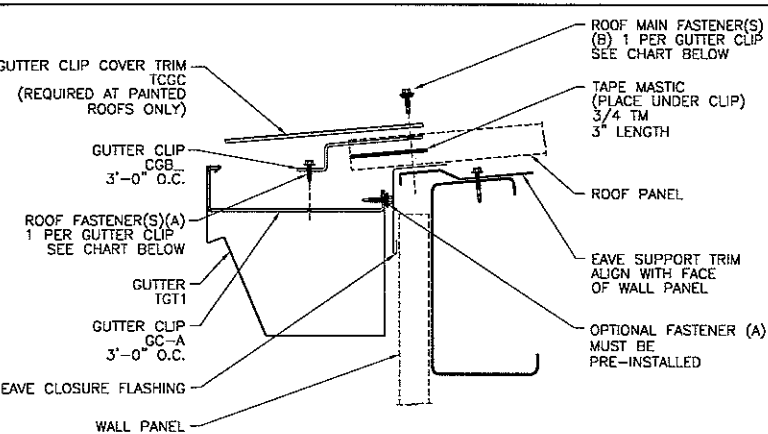
INSTALL THE FIRST WALL PANEL AT THE BUILDING CORNER AND ALIGN THE PANEL RIB WITH THE STRUCTURAL OR GIRT LINE AS SHOWN. IT IS EXTREMELY IMPORTANT THAT THE FIRST WALL PANEL BE INSTALLED PLUMB. USE A SPIRIT LEVEL OR TRANSIT ON EACH PANEL. IT IS RECOMMENDED THAT A SMALL WEDGE/SPACER BE PLACED UNDER THE PANEL AT THE BASE ANGLE. APPLY THE WALL PANEL OVER THE INSULATION AND INSTALL WALL FASTENERS AT ALL STRUCTURAL WALL MEMBERS BEGINNING WITH THE TOP MOST ATTACHMENT AND PROCEEDING DOWNWARD (SEE SUGGESTED NUMERICAL FASTENER SEQUENCE). REMOVE THE WEDGE/SPACER BEFORE ATTACHING PANEL AT BASE ANGLE. DO NOT ERECT PANEL BY ATTACHING AT BOTH ENDS WORKING TO THE MIDDLE OF THE PANEL. THIS PROCEDURE PROMOTES "OIL CANNING."

INSTALL THE NEXT PANEL BY SIDELAPPING THE RIB WITH THE FIRST PANEL (AS SHOWN). CHECK FOR PLUMBNESS AND FASTEN THIS PANEL IN THE SAME MANNER AS THE FIRST PANEL. CONTINUE TO SHEET THE WALL USING THIS PROCEDURE. CUT PANELS AT DOORS, WINDOWS, LOUVERS AND OTHER WALL OPENINGS AS REQUIRED.

SHEETING CAN USUALLY BE STARTED FROM EITHER END OF THE BUILDING AND CONTINUED EITHER IN THE DIRECTION OF LEFT TO RIGHT OR RIGHT TO LEFT AS SHOWN. HOWEVER BY APPLYING THE SHEETS TOWARD THE DIRECTION OF THE PREVAILING VIEW, THE OVERLAP LINE AT THE SIDELAP OF EVERY PANEL WILL BE LESS VISIBLE. THE SAME PRINCIPLE CAN BE APPLIED WHERE HEAVY PREVAILING WINDS OCCUR BY PLACING THE LAPPED EDGE ON THE LEEWARD SIDE (DOWNWARD SIDE) OF THE PANEL RIB.

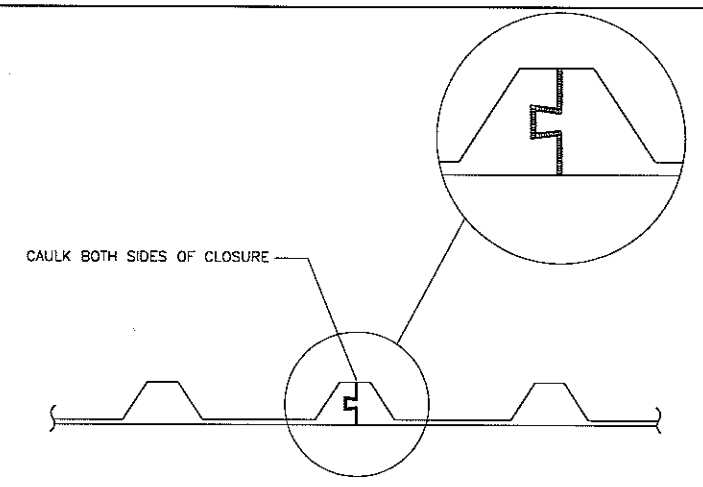
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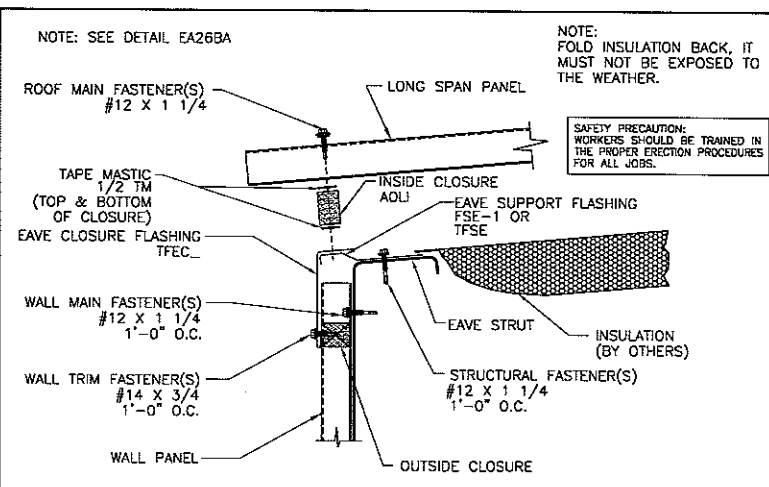


ROOF PANEL	ROOF FASTENER (A)	ROOF FASTENER (B)
LONG SPAN (LSP)	#14 X 3/4"	#12 X 1 1/4"
LOC SEAM (LOC)	#14 X 1"	#14 X 1"
STANDING SEAM (S2P, S3P)	#14 X 1"	#14 X 1"

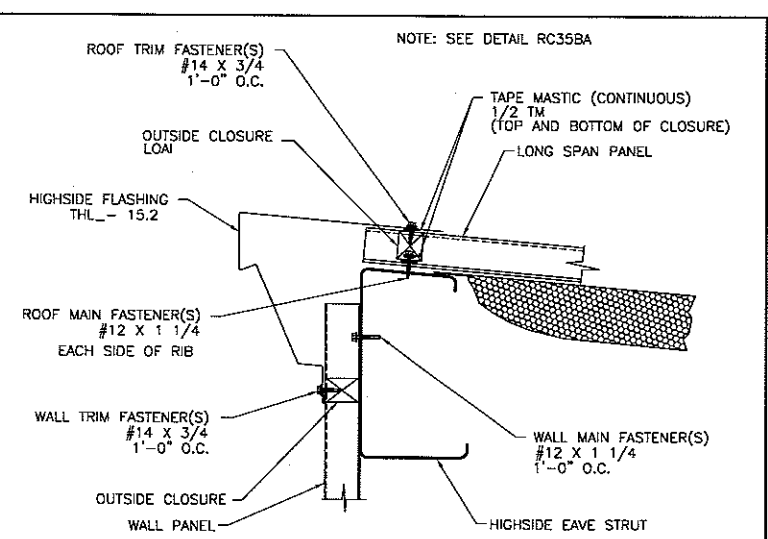
STANDARD GUTTER DETAIL WITH GUTTER CLIP ATTACHMENT EA01 AA



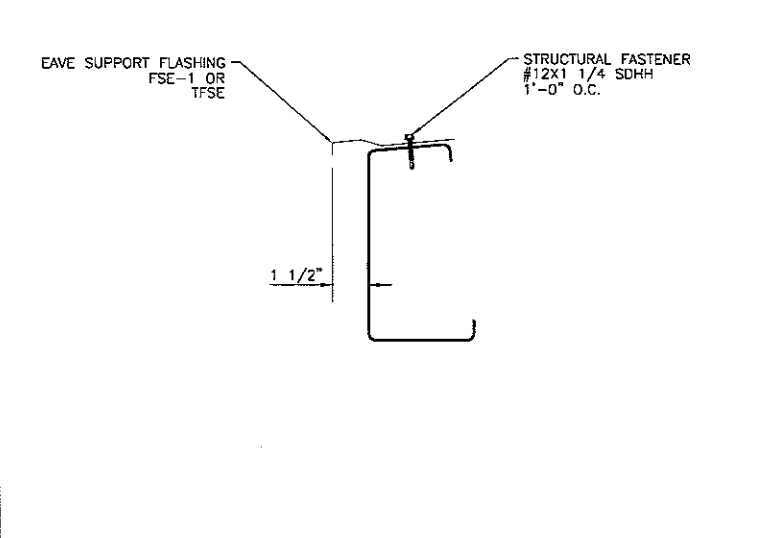
INSIDE CLOSURE CAULKING DETAIL EA01 BA



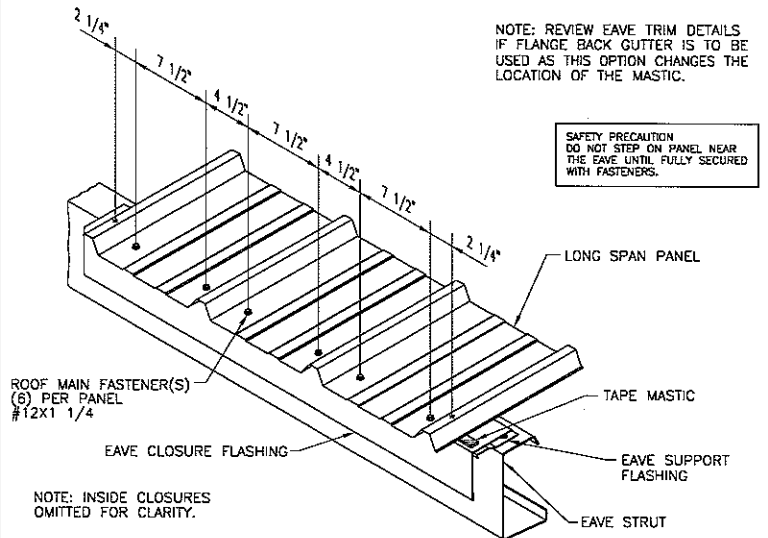
SECTION AT EAVE WITH SHEETED SIDEWALL EA04 BB



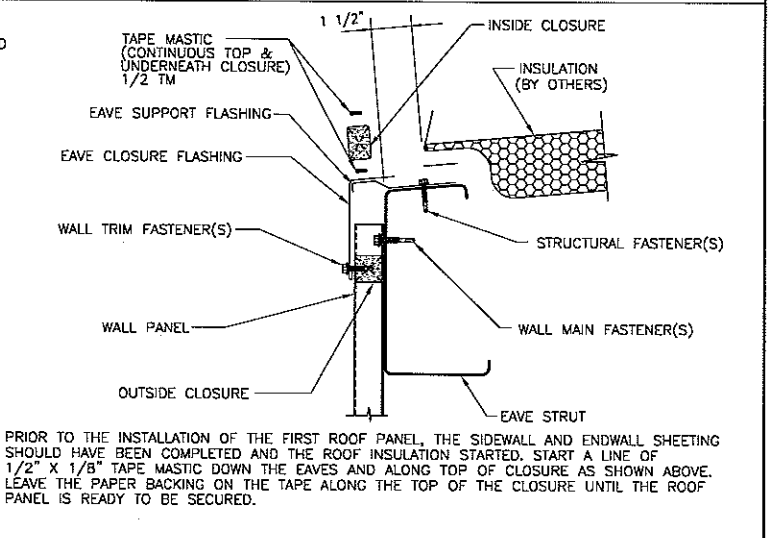
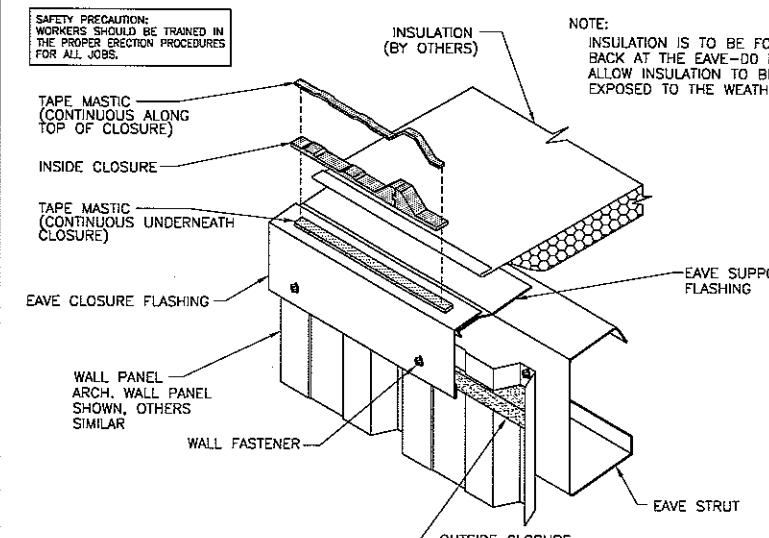
HIGHSIDE EAVE FLASHING ATTACHMENT EA05 BB



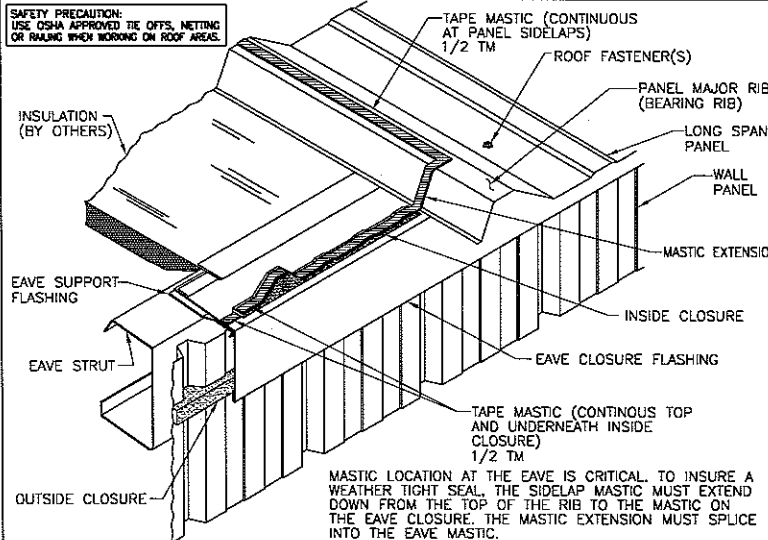
EAVE SUPPORT FLASHING ATTACHMENT EA10 AA



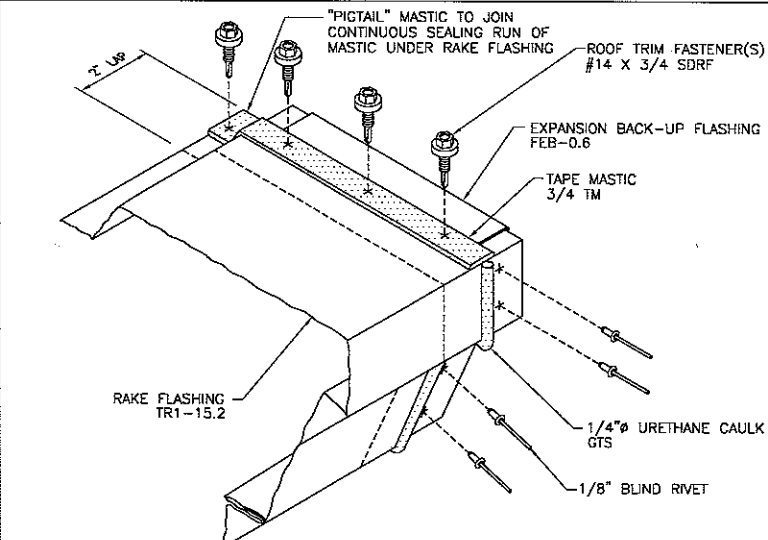
FASTENER INSTALLATION AT EAVE EA26 BA



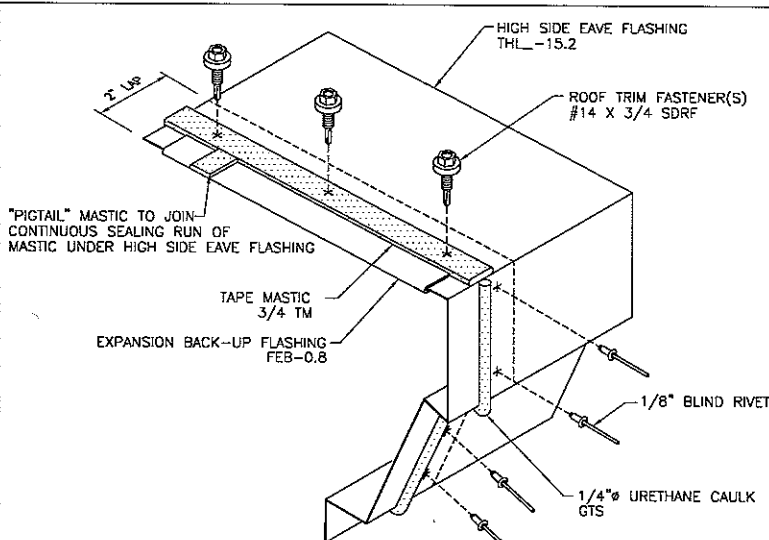
MASTIC AND INSULATION APPLICATION AT EAVE EA28 BA



EAVE MASTIC DETAIL AT PANEL SIDELAP EA29 BA



RAKE FLASHING FLO2 BA



HIGH SIDE EAVE FLASHING FLO3 BA

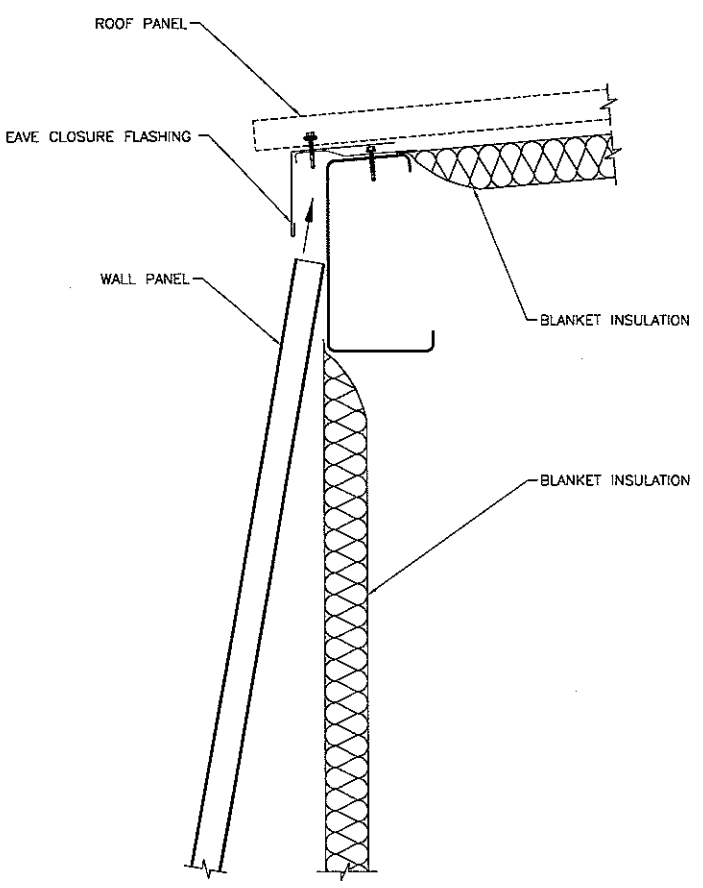
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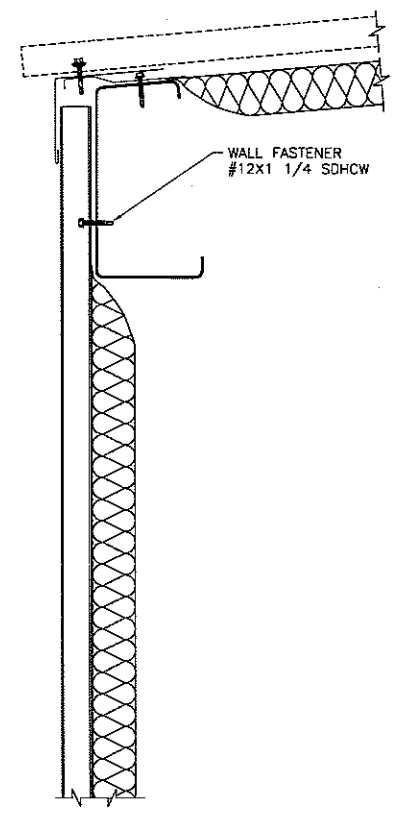
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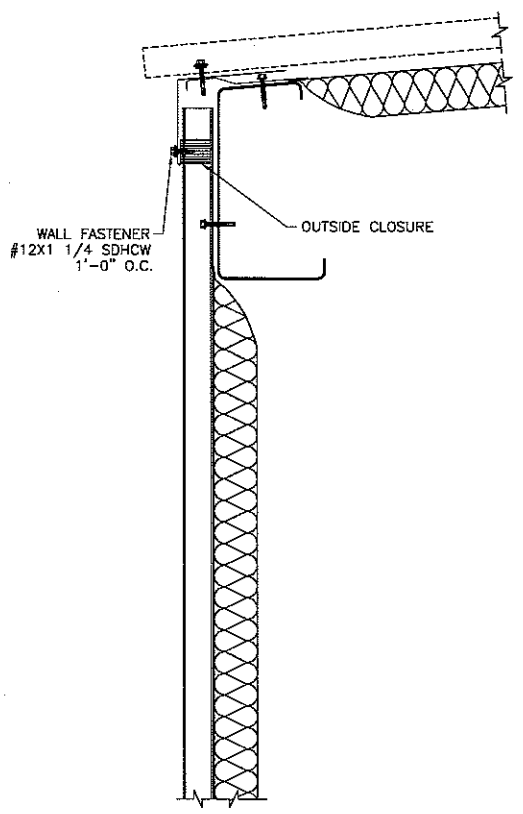
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STEP 1. SEE INSTRUCTION NO. 5
SEE NOTE



STEP 2. SEE INSTRUCTION NO. 5
SEE NOTE



STEP 3. SEE INSTRUCTION NO. 6
SEE NOTE

INSTRUCTIONS

- PRIOR TO SHEETING THE ROOF OR WALL, THE STRUCTURAL FRAMING MUST BE SQUARE AND PLUMB.
- BLOCK OR SUPPORT THE GIRTS AND EAVE STRUT TO PREVENT THE SUB FRAMING FROM SAGGING. BLOCKING MUST BE USED BETWEEN ENDWALL COLUMNS AND SIDEWALL COLUMNS AND SHOULD REMAIN IN PLACE UNTIL ALL WALL SHEETS ARE INSTALLED.
- PLACE THE EAVE SUPPORT FLASHING ON THE EAVE STRUT, LEAVING AN 1 1/2" OPENING BETWEEN THE OUTSIDE FACE OF THE EAVE STRUT AND THE INSIDE OF THE EAVE SUPPORT FLASHING. (A 2 X 4 WORKS WELL TO OBTAIN THIS SPACE). THE 1 1/2" OPENING WILL ACCOMMODATE THE ARCHITECTURAL "U" ARCHITECTURAL "V" RIB OR LONG SPAN III WALL PANELS. AN OPENING OF 3 1/8" MUST BE MAINTAINED FOR SHADOW PANELS. SECURE THE EAVE SUPPORT FLASHING WITH #12 X 1 1/4" SELF DRILL FASTENERS LOCATED 1'-0" O.C. THESE ARE PERMANENT FASTENERS AND MUST BE INSTALLED. REMOVE ANY SPACERS USED FROM BEHIND THE EAVE SUPPORT FLASHING. INSTALL EAVE CLOSURE FLASHING (TFEC_) PRIOR TO INSTALLING ROOF PANELS. EAVE CLOSURE FLASHING IS HELD IN PLACE BY ROOF FASTENERS AT EAVE.
- INSTALL THE ROOF PANELS ACCORDING TO THE APPROPRIATE MANUAL AND/OR ERECTION DRAWINGS. REMEMBER THE PANEL OVERHANG DIMENSION IS USUALLY FROM THE FACE OF THE EAVE STRUT AND SHOULD BE MEASURED AS REQUIRED BY THE ERECTION DRAWINGS.
- WALL PANELS AND INSULATION MAY NOW BE INSTALLED. SECURE THE INSULATION TO THE FACE OF THE EAVE STRUT AND BASE ANGLE ACCORDING TO MANUFACTURERS RECOMMENDATIONS. SLIDE THE WALL PANEL BETWEEN THE EAVE STRUT AND EAVE CLOSURE FLASHING, PLUMB THE PANEL AND SECURE WITH THE WALL FASTENERS. FASTENERS MUST BE INSTALLED BELOW THE EAVE TRIM.
- INSTALL THE PANEL CLOSURES AND SECURE THE EAVE CLOSURE FLASHING TO THE WALL PANELS.

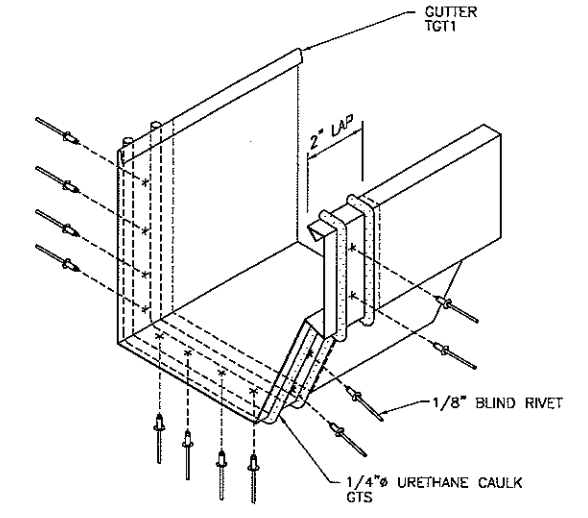
NOTE:
SHADOW PANEL INSTALLATION SHALL VARY FROM THE DETAILS SHOWN. SEE THE SHADOW PANEL ERECTION DRAWINGS FOR FASTENER AND FLASHING DETAILS.

NOTES:

- ALL ROOF FLASHING LAPS SHALL BE SEALED WITH 3/4 X 3/16 TAPE MASTIC AND REINFORCED USING BACKUP FLASHING FEB- (SEE DETAIL RC35AAA).
- ALL FLASHING LAPS SHALL BE TWO INCHES EXCEPT CORNER FLASHING LAPS WHICH SHALL BE ONE INCH.
- VALLEY GUTTER LAPS SHALL BE SEALED WITH 2 X 3/16 TAPE MASTIC AND SHALL BE STITCHED WITH #14 ROOF FASTENERS TWO INCHES ON CENTER. QUANTITY WILL VARY WITH GUTTER SIZE.
- FOR FLASHING LAPS NOT SHOWN, USE THE FOLLOWING AS A GUIDE; FLASHINGS THAT ARE EXPOSED TO ROOF CONDITIONS, USE #14 ROOF FASTENERS THREE INCHES ON CENTER. ALL OTHER CONDITIONS USE 1/8 INCH BLIND RIVETS THREE INCHES ON CENTER.

FLASHING LAP GENERAL NOTES

FL06
AA

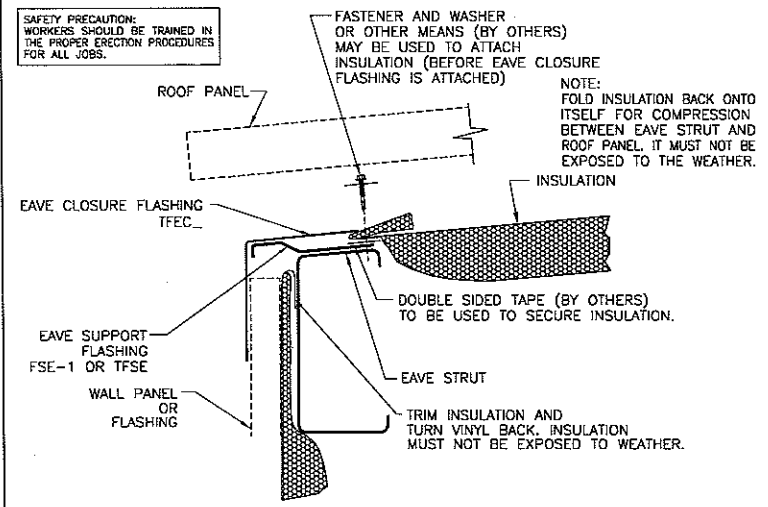


STANDARD GUTTER

FL09
AA

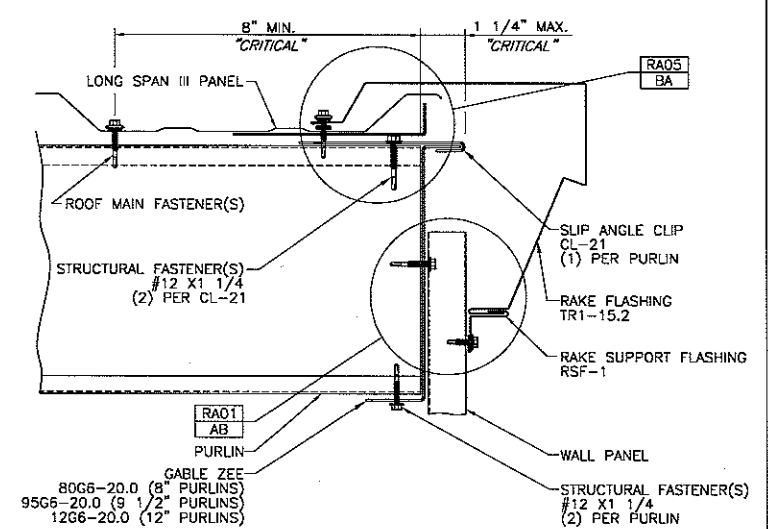
ROOF SHEETING PRIOR TO WALL SHEETING INSTRUCTIONS

EA11
AA



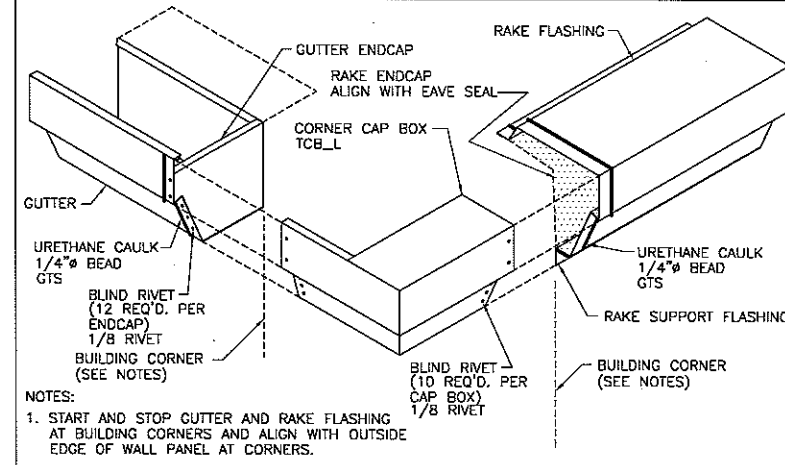
SUGGESTED INSULATION ATTACHMENTS AT EAVE

INO1
AA



RAKE DETAIL

RA02
BA



NOTES:

- START AND STOP GUTTER AND RAKE FLASHING AT BUILDING CORNERS AND ALIGN WITH OUTSIDE EDGE OF WALL PANEL AT CORNERS.
- THE FIRST 10 FEET OF THE RAKE FROM THE CORNER SHOULD BE TEMPORARILY ATTACHED TO ALLOW ADJUSTMENT WHEN INSTALLING THE CORNER BOXES. PERMANENTLY ATTACH THE RAKE AFTER CORNER BOXES ARE INSTALLED.

CORNER CAP BOX INSTALLATION

RA04
AA

SAFETY PRECAUTION:
WORKERS SHOULD ALWAYS WEAR GLOVES WHEN HANDLING METAL SURFACES WITH SHARP EDGES.

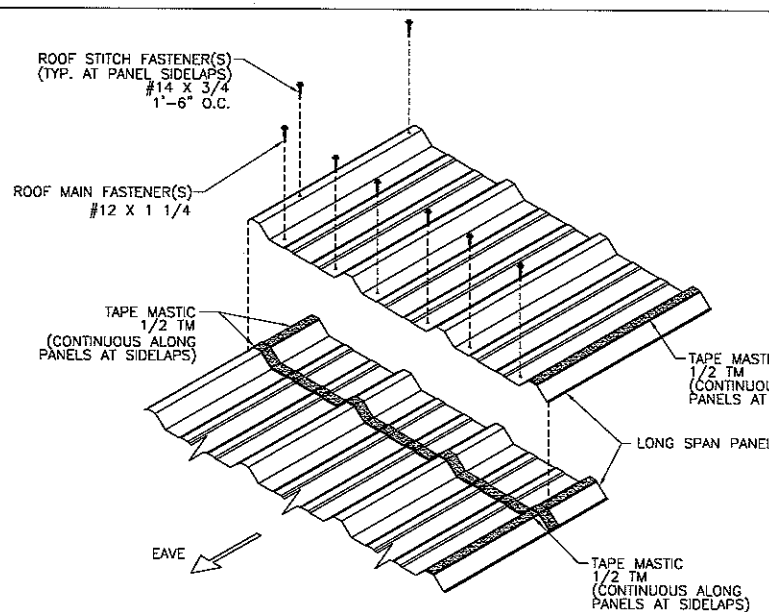
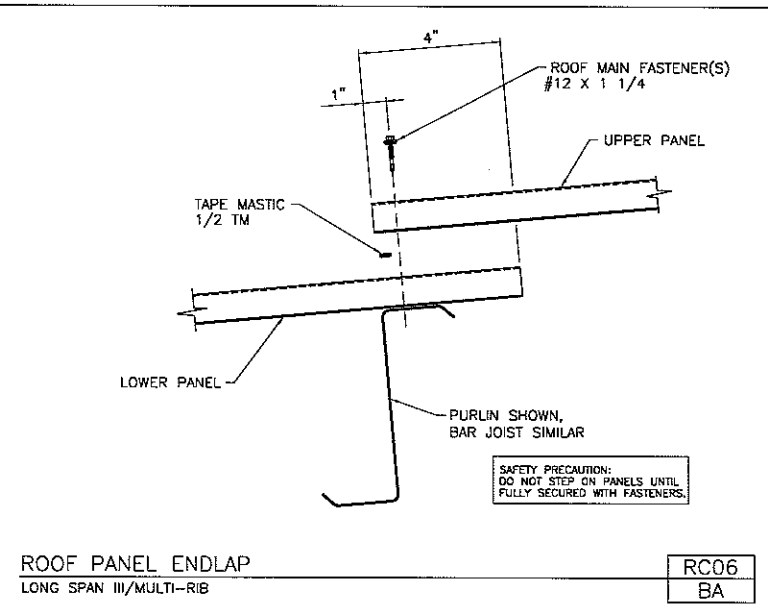
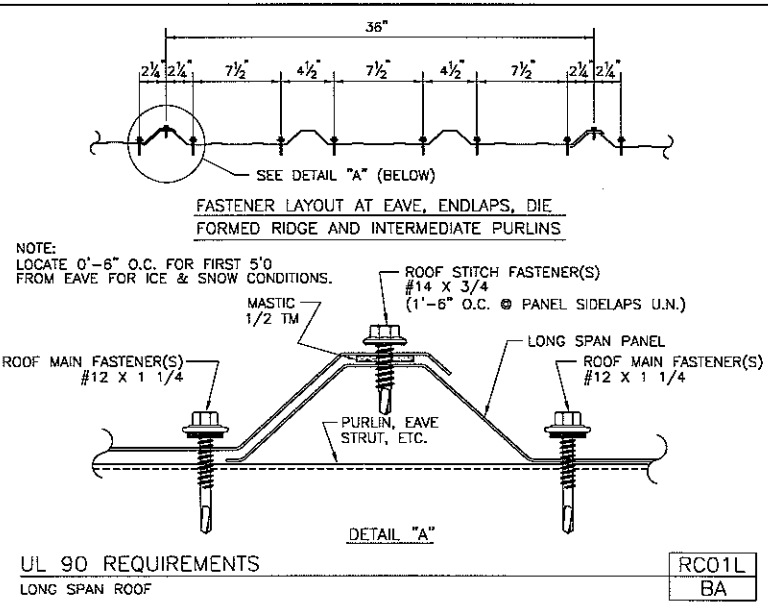
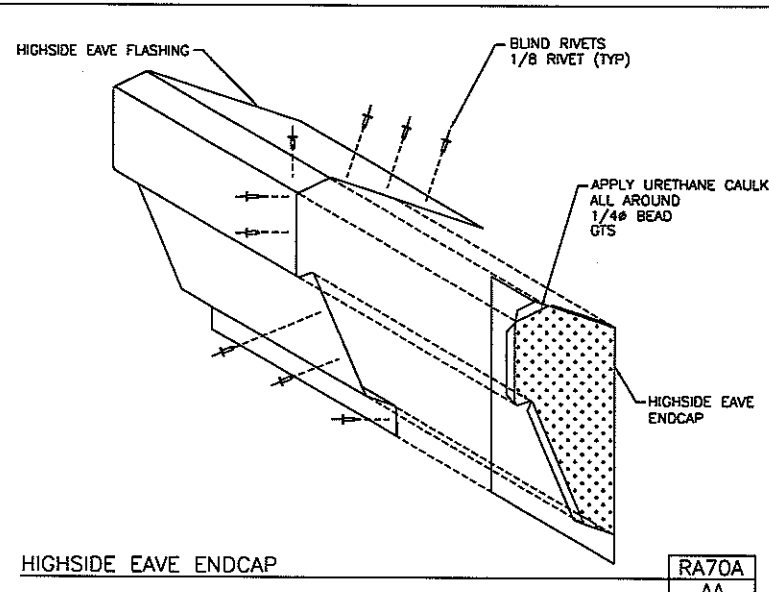
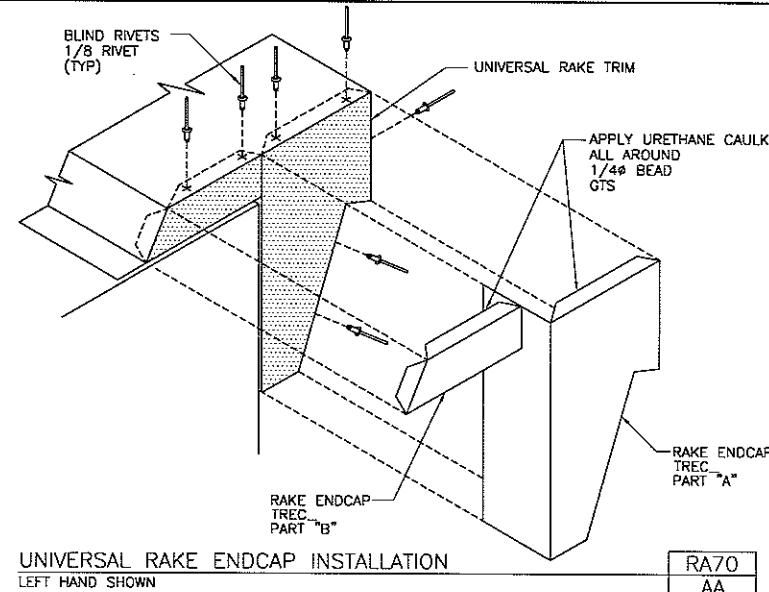
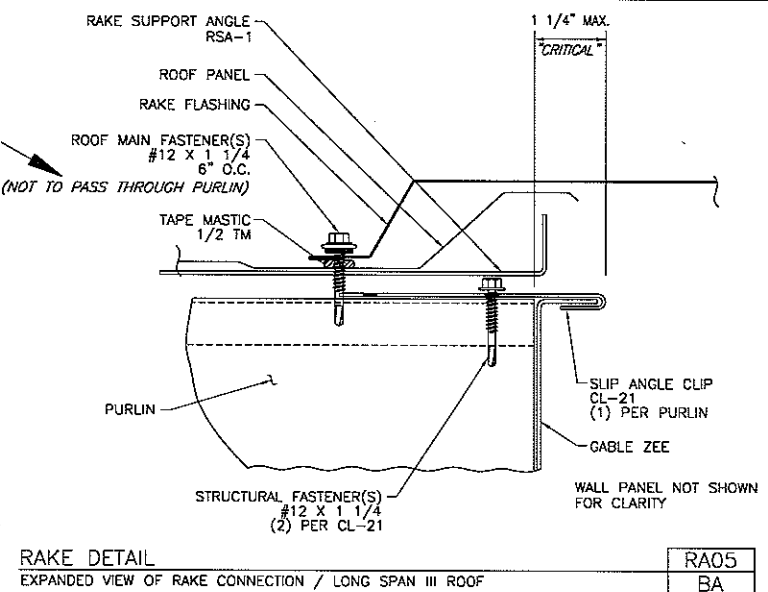
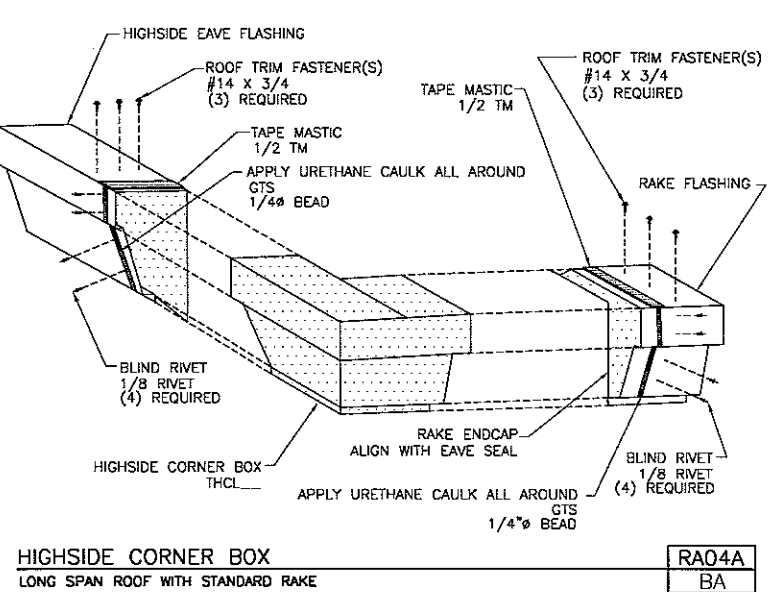
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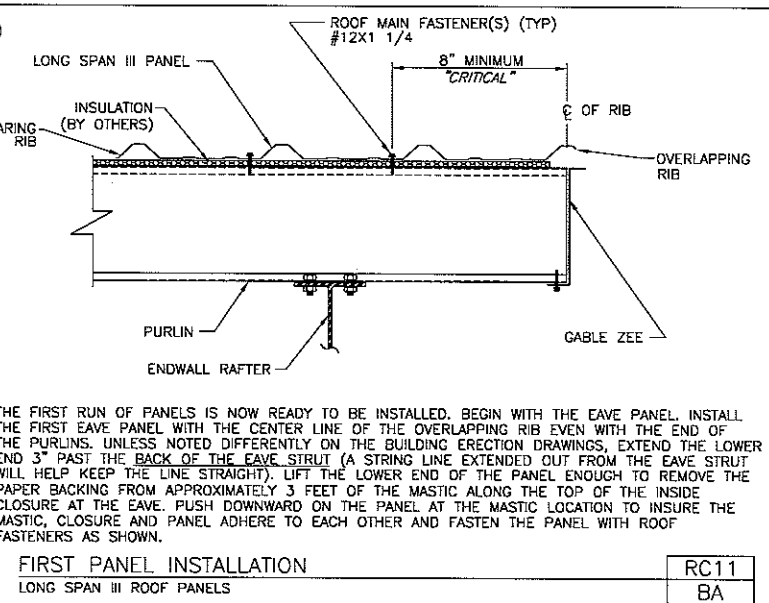
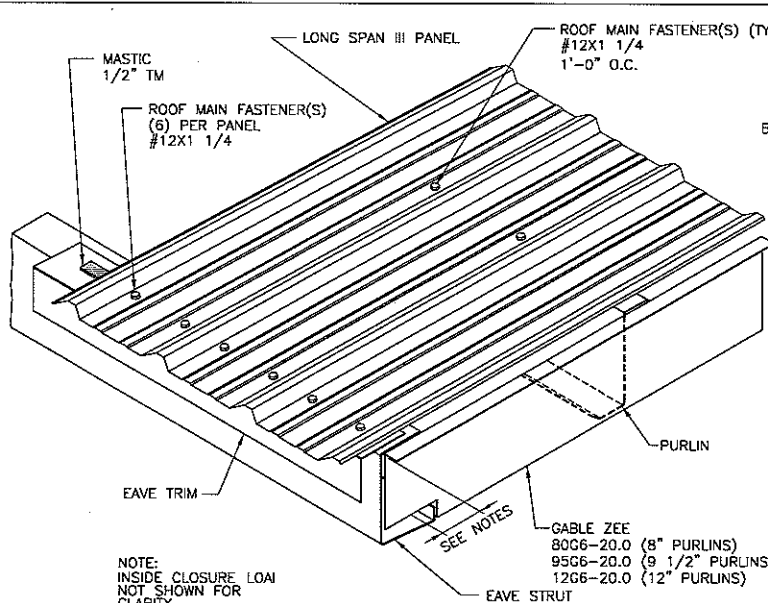
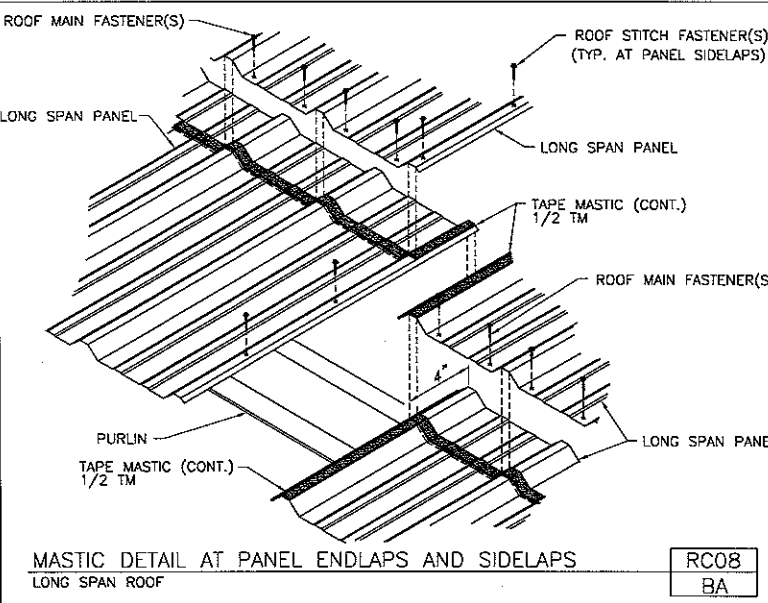
EUFALA ALABAMA
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DRAWING NUMBER: 11653307 SED-012 REV. NO. 0



ALL AREAS ON ALUMINUM COATED PANELS THAT REQUIRE MASTIC SHOULD BE WIPED CLEAN WITH A MILD ALL PURPOSE DETERGENT CLEANER BEFORE MASTIC APPLICATION.

PANEL RUNS EXCEEDING 45 FEET IN LENGTH MUST BE MADE WITH TWO OR MORE PANELS. INSTALL A CONTINUOUS RUN OF MASTIC ALONG THE LENGTH OF THE ROOF WHERE THE PANEL ENDLAPS OCCUR AND ALSO ALONG THE LENGTH OF THE PANELS WHERE ALL SIDELAPS OCCUR AS SHOWN IN THE DETAIL AT LEFT. SECURE THE ENDLAPS WITH #12X1 1/4 ROOF FASTENERS AND THE PANEL SIDELAPS WITH #14 STITCH ROOF FASTENERS.

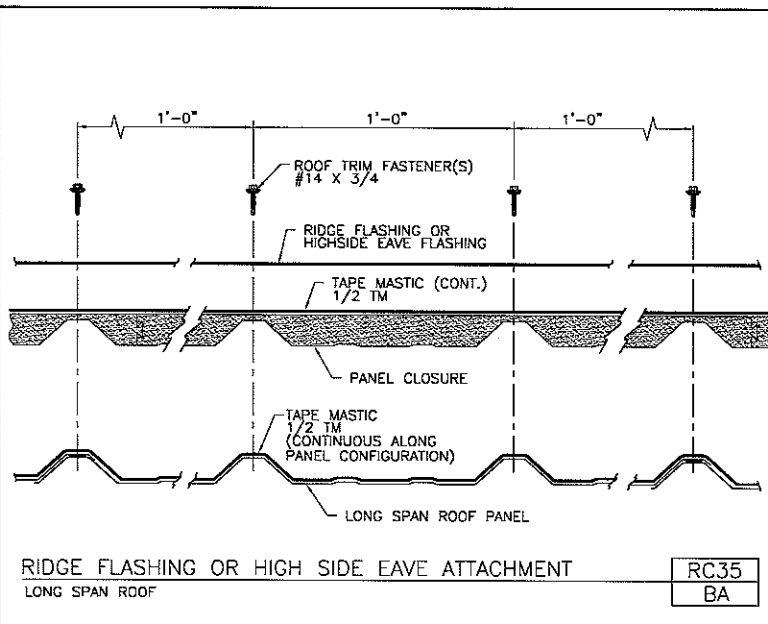
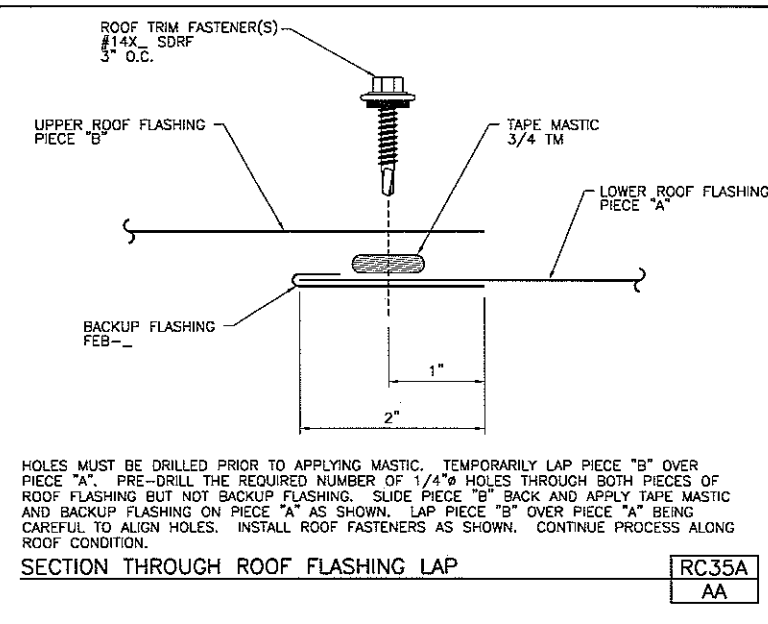
SAFETY PRECAUTION
DO NOT STEP ON RIB OF PANEL. ALWAYS STEP ON FLAT SURFACE. DO NOT STEP ON PANELS UNTIL FULLY SECURED WITH FASTENERS.



THE FIRST RUN OF PANELS IS NOW READY TO BE INSTALLED. BEGIN WITH THE EAVE PANEL. INSTALL THE FIRST EAVE PANEL WITH THE CENTER LINE OF THE OVERLAPPING RIB EVEN WITH THE END OF THE PURLINS. UNLESS NOTED DIFFERENTLY ON THE BUILDING ERECTION DRAWINGS, EXTEND THE LOWER END 3" PAST THE BACK OF THE EAVE STRUT (A STRING LINE EXTENDED OUT FROM THE EAVE STRUT WILL HELP KEEP THE LINE STRAIGHT). LIFT THE LOWER END OF THE PANEL ENOUGH TO REMOVE THE PAPER BACKING FROM APPROXIMATELY 3 FEET OF THE MASTIC ALONG THE TOP OF THE INSIDE CLOSURE AT THE EAVE. PUSH DOWNWARD ON THE PANEL AT THE MASTIC LOCATION TO INSURE THE MASTIC, CLOSURE AND PANEL ADHERE TO EACH OTHER AND FASTEN THE PANEL WITH ROOF FASTENERS AS SHOWN.

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AMERICAN BUILDINGS COMPANY
DRAWING NUMBER 11653307 SED-013 REV. NO. 0



ROOF FASTENERS

DESCRIPTION #12 X 1 1/4 PREMIUM SELF DRILLING HEX HEAD FASTENER WITH WASHER MARK NO. #12X1 1/4 SDRF

APPLICATION EAVE AND PURLIN AND DIE-FORMED RIDGE CONNECTIONS AND EXPOSED SHEET TO STRUCTURAL CONNECTIONS. ALUMINUM-ZINC ALLOY-COATED ROOFS AND ALL PRE-FINISHED ROOFS.

DESCRIPTION #14 STITCH PREMIUM SELF DRILLING HEX HEAD FASTENER WITH WASHER MARK NO. #14X3/4 SDRF

APPLICATION (1/8" PILOT & 1/4" CLEARANCE HOLE REQUIRED) PANEL SIDELAP CONNECTIONS, FLASHING TO PANEL CONNECTIONS AND OTHER EXPOSED SHEET TO SHEET CONNECTIONS. ALUMINUM-ZINC ALLOY-COATED ROOFS AND ALL PRE-FINISHED ROOFS.

DESCRIPTION 1/8 BLIND RIVET MARK NO. 1/8 RIVET

APPLICATION FLASHING LAPS AND FLASHING TO PANEL CONNECTIONS.

MISCELLANEOUS FASTENERS

DESCRIPTION 3/16 DIAMETER RIVET WITH WASHER MARK NO. SRV-1

APPLICATION LONG SPAN SKYLIGHT TO SKYLIGHT SIDELAP CONNECTION. (SPECIAL MOSEPIECE REQUIRED)

NOTE: ALL HEX HEAD SIZES SHALL REQUIRE A 5/16" HEX SOCKET UNLESS NOTED.

SPECIAL CONDITION FASTENERS

DESCRIPTION #12 X 1 1/4 SELF DRILLING CARBON STEEL HEX HEAD FASTENER WITHOUT WASHER MARK NO. #12X1 1/4 SDHH

APPLICATION GABLE ANGLE ATTACHMENT TO PURLINS, ICE & SNOW EAVE FLSG. ATTACHMENT.

DESCRIPTION #12 X 1 1/4 TEX4 SELF DRILLING CARBON STEEL HEX HEAD FASTENER WITHOUT WASHER MARK NO. #12X1 1/4 SDHHT4

APPLICATION (STEEL THICKNESSES GREATER THAN 12 GA. AND UP TO AND INCLUDING 1/4") GABLE ANGLE ATTACHMENT TO BAR JOISTS.

DESCRIPTION #12 X 1 1/2 TEX4 SELF DRILLING CARBON STEEL HEX HEAD FASTENER WITHOUT WASHER MARK NO. #12X1 1/2 SDHHT4

APPLICATION (STEEL THICKNESSES GREATER THAN 1/4" AND UP TO AND INCLUDING 1/2") GABLE ANGLE ATTACHMENT TO BAR JOISTS.

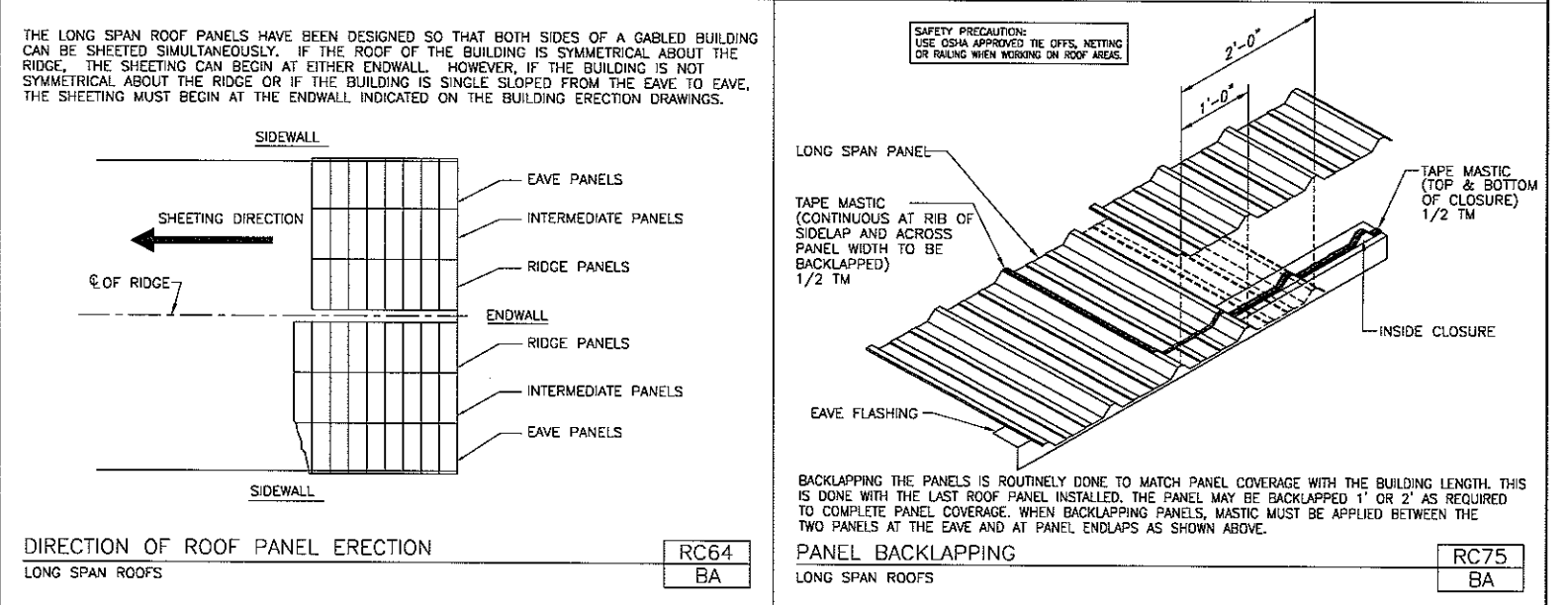
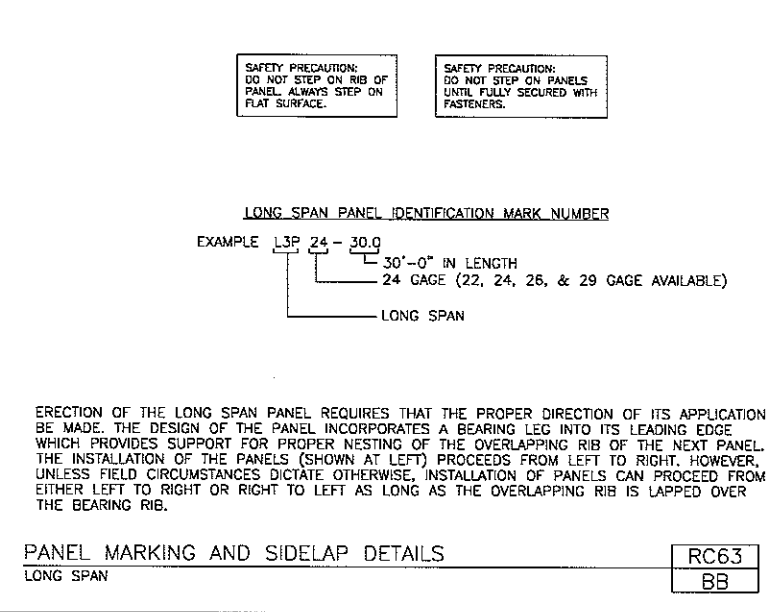
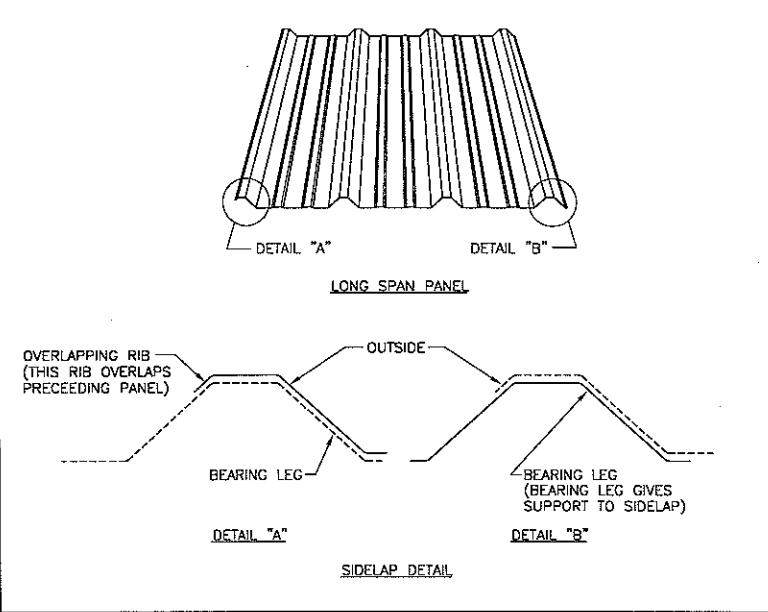
DESCRIPTION #10 X 1 1/2 SELF TAPPING CARBON STEEL HEX HEAD FASTENER WITH WASHER MARK NO. #10X1 1/2 STHHW

APPLICATION PANELS TO WOOD STRUCTURE. (1/4" HEX HEAD SOCKET REQUIRED)

BASIC PARTS AND PIECES

LONG SPAN ROOF

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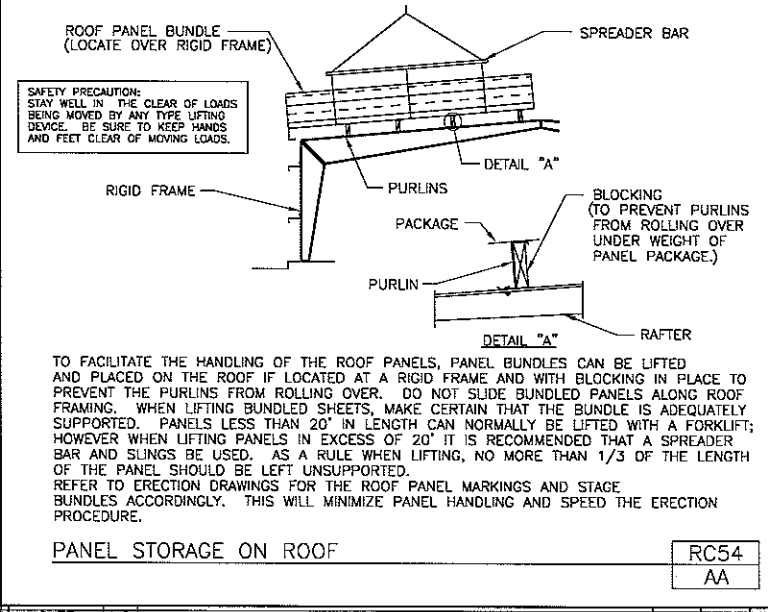
ERECTION NOTES:

- ALL AREAS WHERE MASTIC IS TO BE APPLIED SHOULD BE WIPED CLEAN WITH A MILD DETERGENT OR AN ALL PURPOSE CLEANER BEFORE MASTIC APPLICATION. THIS WILL INSURE A GOOD SEALING SURFACE AND IMPROVE WEATHER TIGHTNESS.
- THE BLANKET INSULATION MANUFACTURER RECOMMENDS THAT DOUBLE SIDED TAPE BE USED TO SECURE THE INSULATION TO THE EAVE. AMERICAN BUILDINGS COMPANY IS NOT RESPONSIBLE FOR THE INSTALLATION OR ATTACHMENT OF THE INSULATION. ADDITIONAL ATTACHMENTS (NOT BY ABC) MAY BE REQUIRED.
- ALL EXPOSED FASTENERS SHOULD PENETRATE THE SEALANT FOR THE MOST WEATHER TIGHT CONNECTION IN ROOF AND WALL AREAS WHERE APPLICABLE.
- WHEN FIELD CUTTING PANELS OR TRIM DO NOT USE ABRASIVE SAWS OR OTHER CUTTING METHODS WHICH PRODUCE HOT METAL PARTICLES OR BURN THE CUT EDGES. THESE METHODS WILL DAMAGE THE PAINTED AND GALVALUME FINISH AND VOID ANY WARRANTIES. USE DOUBLE CUT SHEARS, NIBBLERS OR OTHER CUTTING DEVICES WHICH DO NOT PRODUCE HOT METAL PARTICLES OR BURNED EDGES.

ERECTION NOTES

LONG SPAN

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AMERICAN ROOF AND WALL PANELS

AMERICAN'S ROOF AND WALL PANELS INCLUDING COLOR COATED, ALUMINUM COATED AND GALVANIZED, PROVIDE EXCELLENT SERVICE UNDER WIDELY VARIED CONDITIONS. ALL UNLOADING AND ERECTION PERSONNEL SHOULD FULLY UNDERSTAND THAT THESE PANELS ARE QUALITY MERCHANDISE WHICH MERIT CAUTIOUS CARE IN HANDLING.

UNDER NO CIRCUMSTANCES SHOULD PANELS BE HANDLED ROUGHLY. PACKAGES OF SHEETS SHOULD BE LIFTED OFF THE TRUCK WITH EXTREME CARE TAKEN TO INSURE THAT NO DAMAGE OCCURS TO ENDS OF THE SHEETS OR TO SIDE RIBS. THE PACKAGES SHOULD BE STORED OFF THE GROUND SUFFICIENTLY HIGH ENOUGH TO ALLOW AIR CIRCULATION UNDERNEATH THE PACKAGES. THIS AVOIDS GROUND MOISTURE AND DETERS PEOPLE FROM WALKING ON THE PACKAGES. ONE END OF THE PACKAGE SHOULD ALWAYS BE ELEVATED ABOVE THE LOWER END TO ENCOURAGE DRAINAGE IN CASE OF RAIN.

ALL METAL PANELS ARE SUBJECT TO SOME DEGREE OF LOCALIZED DISCOLORATION OR STAIN WHEN WATER IS TRAPPED BETWEEN THEIR CLOSELY FITTED SURFACES. AMERICAN EXERCISES EXTREME CAUTION DURING FABRICATING AND SHIPPING OPERATIONS TO INSURE THAT ALL PANEL STOCK IS KEPT DRY. HOWEVER, DUE TO CLIMATIC CONDITIONS, WATER FORMED BY CONDENSATION OF HUMID AIR CAN BECOME TRAPPED BETWEEN STACKED SHEETS. WATER CAN ALSO BE TRAPPED BETWEEN THE STACKED SHEETS WHEN EXPOSED TO RAIN. THIS DISCOLORATION CAUSED BY TRAPPED MOISTURE IS OFTEN CALLED WET STORAGE STAIN.

THE STAIN IS USUALLY SUPERFICIAL AND HAS LITTLE EFFECT ON THE APPEARANCE OR SERVICE LIFE OF THE PANELS AS LONG AS IT IS NOT PERMITTED TO REMAIN ON THE PANELS. HOWEVER, MOISTURE IN CONTACT WITH THE SURFACE OF THE PANELS OVER AN EXTENDED PERIOD CAN SEVERELY ATTACK THEIR FINISH AND REDUCE THEIR EFFECTIVE SERVICE LIFE. THEREFORE, IT IS IMPERATIVE THAT ALL PANELS BE INSPECTED FOR MOISTURE UPON RECEIPT OF THE ORDER. IF MOISTURE IS PRESENT, DRY THE PANELS AT ONCE AND STORE IN A DRY, WARM PLACE, IF POSSIBLE.

WHEN HANDLING OR UNCRATING THE PANELS, LIFT, RATHER THAN SLIDE, THEM APART. BURRING EDGES MAY SCRATCH THE COATED SURFACES WHEN SHEETS ARE SLID OVER ONE ANOTHER. NEVER ALLOW PANELS TO BE WALKED ON WHILE ON THE GROUND.

ROUGH AND IMPROPER HANDLING OF PANELS IS INEXCUSABLE AND A PRIME EXAMPLE OF POOR JOB SUPERVISION.

CAUTION: PANELS ARE SLIPPERY. OIL OR WAX THAT HAS BEEN USED ON THE ROOF AND WALL PANELS FOR PROTECTION AGAINST WEATHER DAMAGE WILL MAKE THEM A VERY SLIPPERY WALKING SURFACE. WIPE DRY ANY OIL THAT HAS FUDDLED FROM BUNDLES STORED ON A SLOPE. DEW, FROST OR OTHER FORMS OF MOISTURE GREATLY INCREASE THE SLIPPERINESS OF THE PANELS.

PANEL STORAGE NOTES

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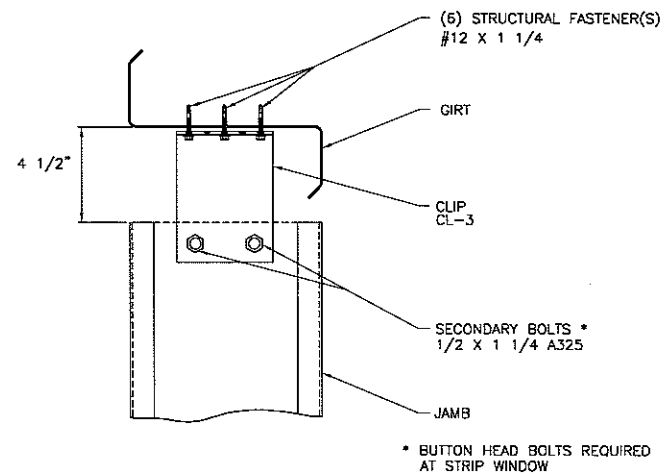
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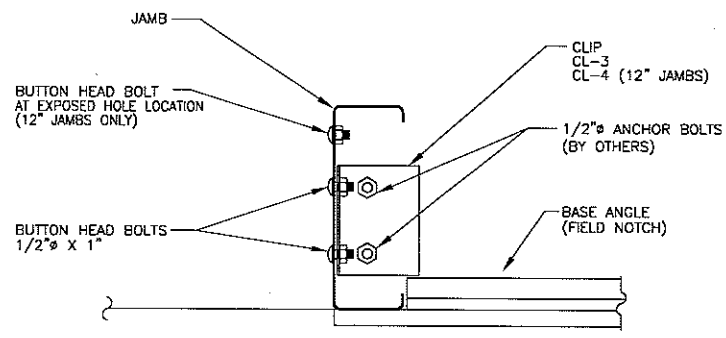
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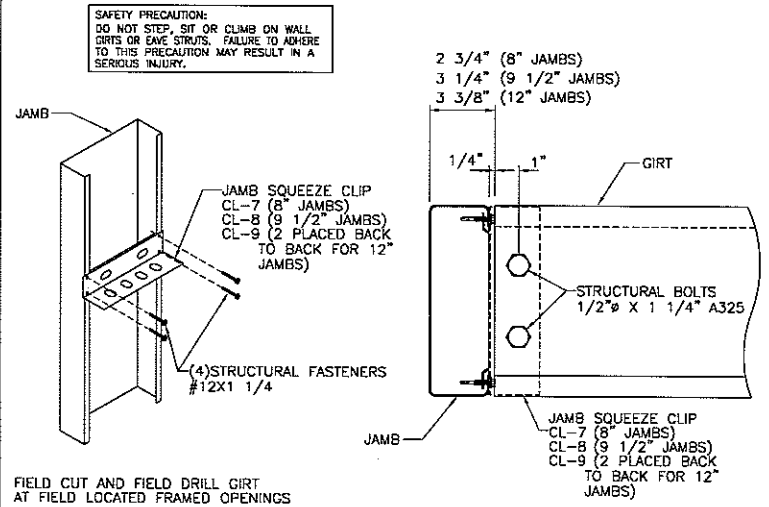
JAMB TO GIRT CONNECTION

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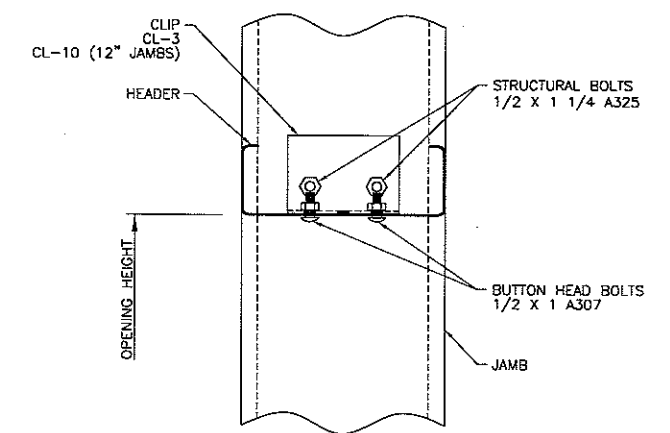
JAMB BASE CONNECTION

OF11
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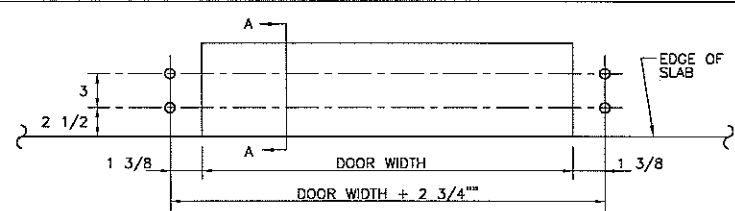
GIRT TO JAMB CONNECTION

OF16
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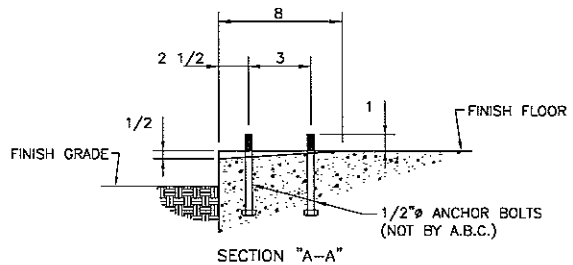


HEADER TO JAMB CONNECTION

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TYPICAL ANCHOR BOLT LAYOUT



FRAMED OPENING ANCHOR BOLT DETAIL

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GENERAL NOTES FOR FIELD LOCATED FRAMED OPENINGS :

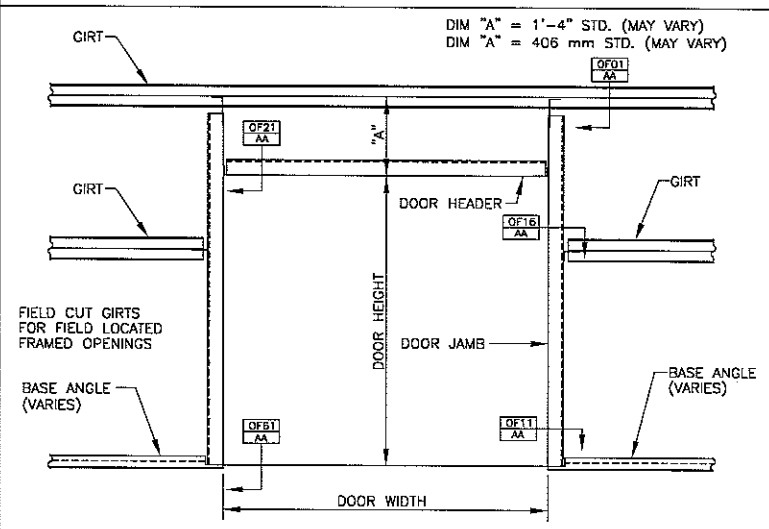
1. OVERHEAD DOORS ARE FIELD LOCATED. CUT STANDARD PANELS AND GIRTS AS REQUIRED.
2. MAXIMUM HEIGHT OF DOOR IS 2'-0" LESS THAN EAVE HEIGHT.
3. ALL STRUCTURAL CONNECTIONS TO BE MADE AS SHOWN ON APPROPRIATE DETAILS.
4. JAMBS MUST BE LOCATED A MINIMUM OF 1'-0" FROM CENTER LINE OF COLUMNS.

GENERAL NOTES FOR SHOP LOCATED FRAMED OPENINGS :

1. OVERHEAD DOORS ARE SHOP LOCATED. SOME PANELS MAY REQUIRE FIELD CUTTING.
2. ALL STRUCTURAL CONNECTIONS TO BE MADE AS SHOWN ON APPROPRIATE DETAILS.

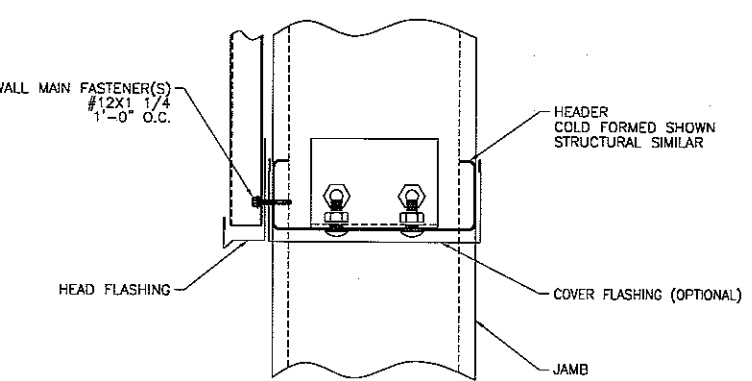
FIELD AND SHOP LOCATED FRAMED OPENING NOTES

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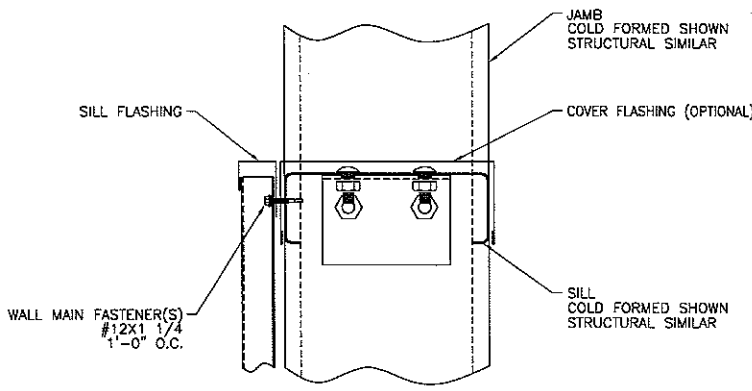
FRAMED OPENING KEY

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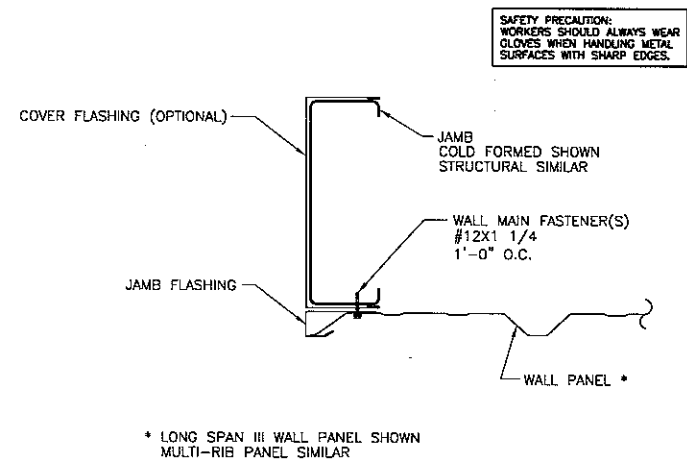
SECTION AT HEADER AND COVER FLASHING

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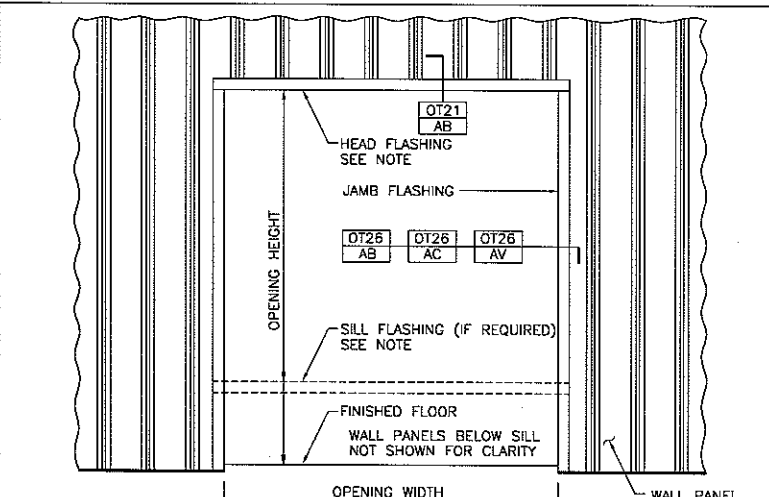
SECTION AT SILL AND COVER FLASHING

OT22
AB



SECTION AT FRAMED OPENING JAMB

OT26
AB



SHEETING AND FLASHING ELEVATION

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