BUILDING NOTES:

GENERAL NOTES:

ERECTION NOTES:

SCREW SCHEDULE

BOLT SCHEDULE

FRAMED OPENING

SPECIAL PURPOSE FRAMED OPENING

CHANNEL FRAMED OPENING

ANGLE FRAMED OPENING

BOLT AND NUT IDENTIFICATION MARKS

BOLTS LARGER THAN 1/2" DIA.

A325 BOLT AND NUT

1/2" DIA. BOLTS

A325 BOLT AND NUT

GRADE 5 HIGH TENSILE BOLT AND NUT

A307 BOLT AND NUT

THIS BUILDING SYSTEM BY

GULF STATES MANUFACTURERS, INC.

DESIGN CRITERIA

DRAWN BY

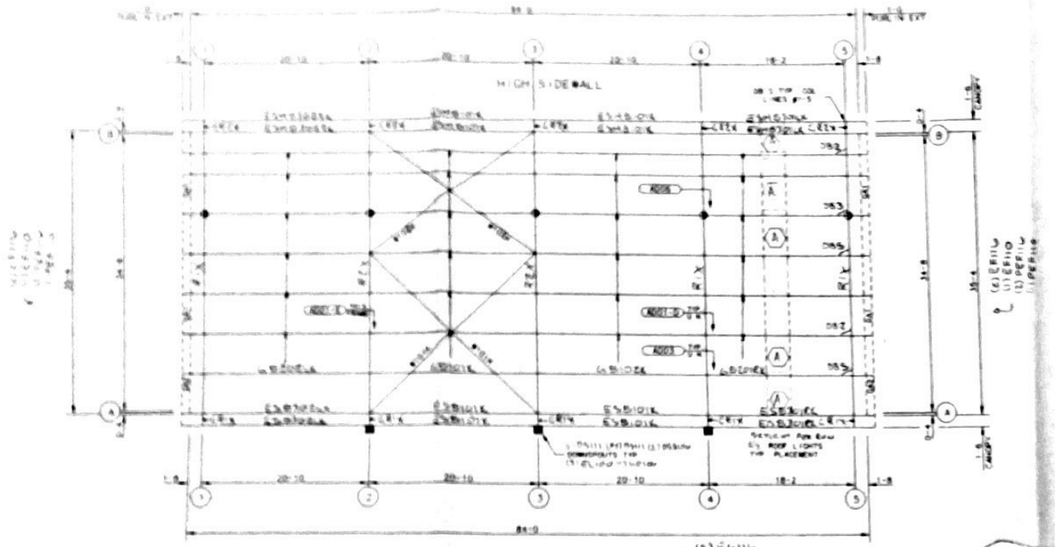
CHECKED

APPROVED

JOB NO.

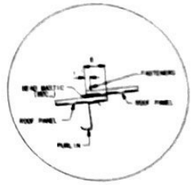
REVISION NO.

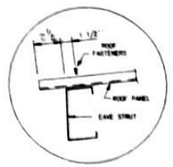
PAGE

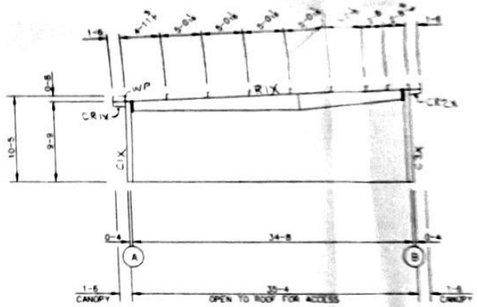


NOTE: AT SKYLIGHT TO SKYLIGHT CONNECTION (AT FLAPS AND B'LAMS) USE LAP/LOK SCREWS (FAS166) @ 1'-0" O.C.

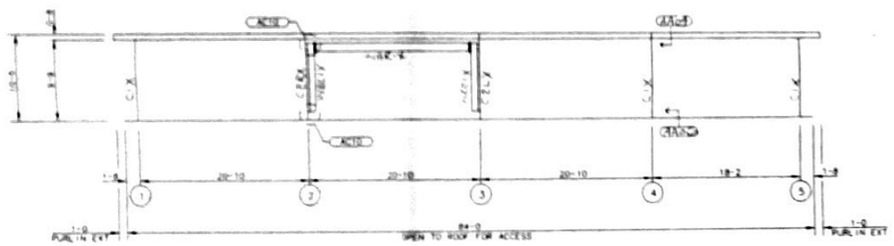
STRAPPING LAYOUT
3 RUNS PER BAY AND AT EACH FRAME LINE



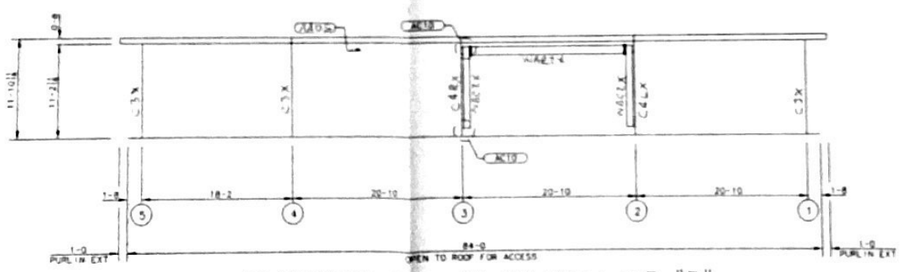




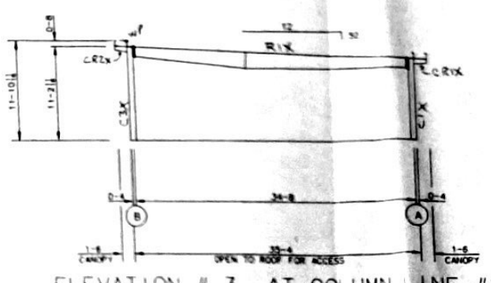
ELEVATION # 4 AT COLUMN LINE #5



ELEVATION # 1 AT COLUMN LINE "A"



ELEVATION # 2 AT COLUMN LINE "B"

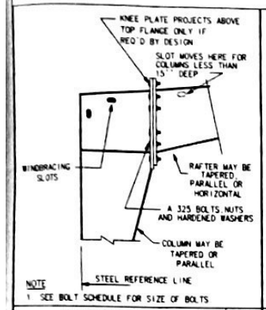


ELEVATION # 3 AT COLUMN LINE #1

DESIGN CRITERIA
1982 ANSI
25 PSF L.L. (LIVE PSF REDUCIBLE)
25 PSF L.L. (LIVE SECONDARY)
10 PSF (GROUND SNOW LOAD)
(EXPOSURE FACTOR = 0.9)
(THERMAL FACTOR = 1.1)
ALL WIND LOADS (EXP. C)
BASIC WIND ZONE 3
BUILDING USE CATEGORY III
SEISMIC ZONE 0
50 TO 12 SLOPE

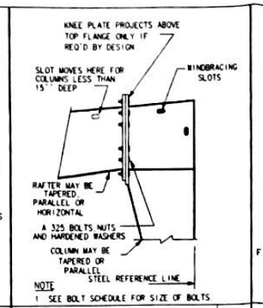
DRAWN BY
CHECKED
APPROVED

JOB NO. 25269-
REVISION NO
PAGE E2 OF



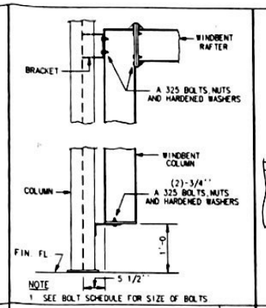
NOTE
1. SEE BOLT SCHEDULE FOR SIZE OF BOLTS

RIGID FRAME HAUNCH WITH FLUSH GIRTS — AA04



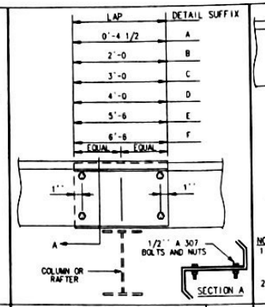
NOTE
1. SEE BOLT SCHEDULE FOR SIZE OF BOLTS

HIGH SIDE RIGID FRAME HAUNCH WITH FLUSH GIRTS — AA05

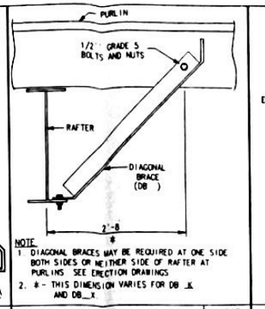


NOTE
1. SEE BOLT SCHEDULE FOR SIZE OF BOLTS

WINDBENT CONNECTIONS — AC10

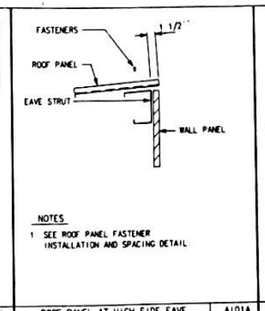


PURLIN OR GIRT LAP — AD01



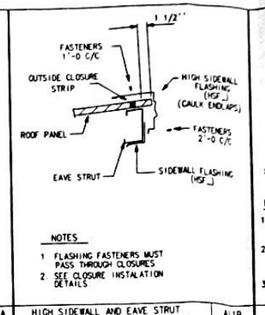
NOTE
1. DIAGONAL BRACES MAY BE REQUIRED AT ONE SIDE BOTH SIDES OR NEITHER SIDE OF RAFTER AT PURLINS. SEE ERECTION DRAWINGS
2. # - THIS DIMENSION VARIES FOR DB _K AND DB _X

DIAGONAL BRACE CONNECTION AT RAFTER — AD07



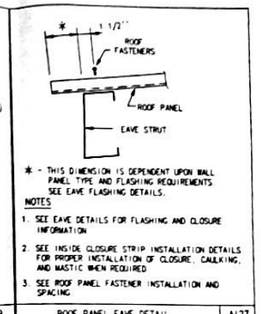
NOTES
1. SEE ROOF PANEL FASTENER INSTALLATION AND SPACING DETAIL

ROOF PANEL AT HIGH SIDE EAVE — A101A



NOTES
1. FLASHING FASTENERS MUST PASS THROUGH CLOSURES
2. SEE CLOSURE INSTALATION DETAILS

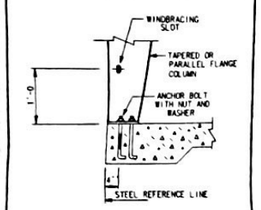
HIGH SIDEWALL AND EAVE STRUT FLASHING OPEN BELOW EAVE STRUT — A119



* - THIS DIMENSION IS DEPENDENT UPON WALL PANEL TYPE AND FLASHING REQUIREMENTS SEE EAVE FLASHING DETAILS.

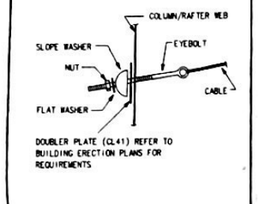
NOTES
1. SEE EAVE DETAILS FOR FLASHING AND CLOSURE INFORMATION
2. SEE INSIDE CLOSURE STRIP INSTALLATION DETAILS FOR PROPER INSTALLATION OF CLOSURE, CAULKING, AND MASTIC WHEN REQUIRED
3. SEE ROOF PANEL FASTENER INSTALLATION AND SPACING

ROOF PANEL EAVE DETAIL — A127



NOTES
1. SEE ANCHOR BOLT SETTING PLANS FOR SIZE, QUANTITY, AND LOCATION OF ANCHOR BOLTS

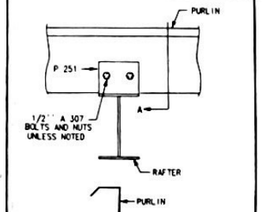
RIGID FRAME BASE WITH FLUSH GIRTS — AA06



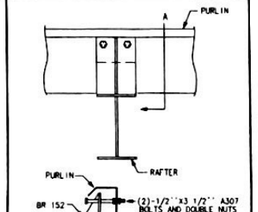
DOUBLER PLATE (CL41) REFER TO BUILDING ERECTION PLANS FOR REQUIREMENTS

NOTES
1. FIELD WORK HOLE IN GIRTS ON FLUSH GIRT WALL SYSTEMS WHEN BRACING IS REQUIRED.
2. DEFORM THREADS AFTER FINAL TIGHTENING

WINDBRACING CABLE CONNECTION TO COLUMN OR RAFTER WEB — AC01



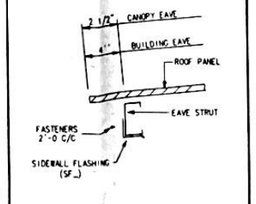
PURLIN CONNECTION TO RAFTER WITH TWO BOLTS — AD03



PCON1

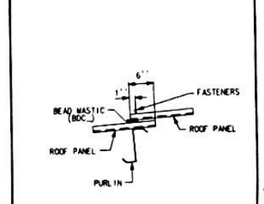
PURLIN CONNECTION TO RAFTER (LIMITED ROLL) FIXED ROOFS — AD06

PCON 5 OR 6



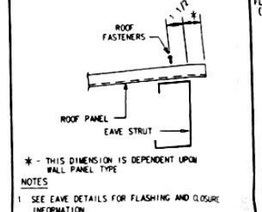
NOTES
1. FOR USE WITH GUTTER ONLY

SIDEWALL FLASHING ON BOTTOM OF EAVE STRUT — A103 2



NOTES
1. SEE ROOF PANEL FASTENER INSTALLSTION AND SPACING DETAIL.

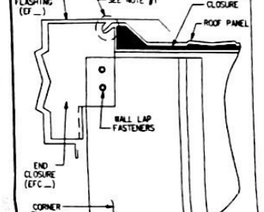
ROOF PANEL ENDLAP — A113



* - THIS DIMENSION IS DEPENDENT UPON WALL PANEL TYPE

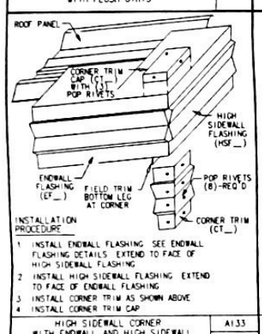
NOTES
1. SEE EAVE DETAILS FOR FLASHING AND CLOSURE INFORMATION
2. SEE OUTSIDE CLOSURE STRIP INSTALLATION DETAILS FOR PROPER INSTALLATION OF CLOSURE, CAULKING, AND MASTIC WHEN REQUIRED
3. SEE ROOF PANEL FASTENER INSTALLATION AND SPACING

ROOF PANEL HIGH SIDE DETAIL — A128



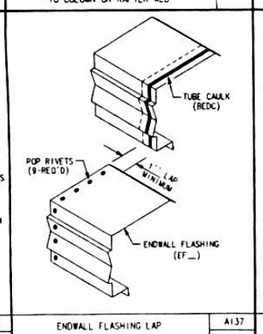
NOTE
1. FIELD WORK FILLER FLASHING AROUND ROOF PANEL

ENDWALL FLASHING FILLER DETAIL AT BUILDING CORNER — A130

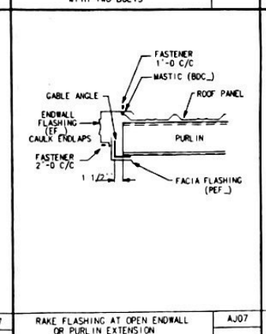


INSTALLATION PROCEDURE
1. INSTALL ENDWALL FLASHING SEE ENDWALL FLASHING DETAILS EXTEND TO FACE OF HIGH SIDEWALL FLASHING
2. INSTALL HIGH SIDEWALL FLASHING EXTEND TO FACE OF ENDWALL FLASHING
3. INSTALL CORNER TRIM AS SHOWN ABOVE
4. INSTALL CORNER TRIM CAP

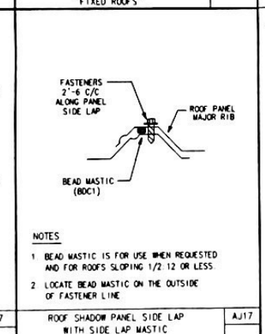
HIGH SIDEWALL CORNER WITH ENDWALL AND HIGH SIDEWALL FLASHING — A133



ENDWALL FLASHING LAP — A137

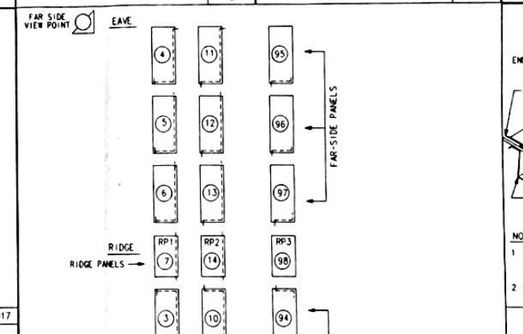


RAKE FLASHING AT OPEN ENDWALL OR PURLIN EXTENSION WITHOUT SOFFIT — AJ07



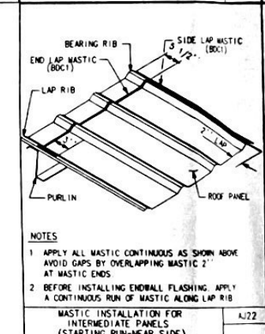
NOTES
1. BEAD MASTIC IS FOR USE WHEN REQUESTED AND FOR ROOFS SLOPING 1/2 12 OR LESS
2. LOCATE BEAD MASTIC ON THE OUTSIDE OF FASTENER LINE

ROOF SHADOW PANEL SIDE LAP WITH SIDE LAP MASTIC — AJ17



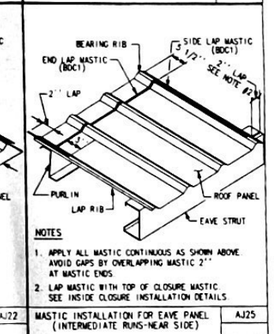
NOTES
1. DASH LINES DENOTE LINE OF MASTIC
2. SEE MASTIC INSTALLATION DETAILS
3. APPLY MASTIC ONE PANEL AT A TIME
4. ERECT PANELS ON BOTH SIDES OF RIDGE AND INSTALL RIDGE PANELS IN THE ORDER SHOWN.

ROOF PANEL LAYOUT AND END LAP /SIDE LAP MASTIC LOCATIONS — AJ20



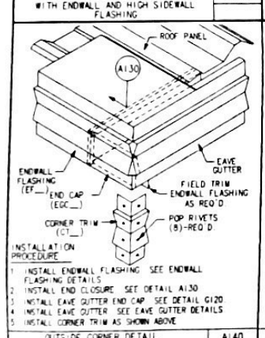
NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS
2. BEFORE INSTALLING ENDWALL FLASHING, APPLY A CONTINUOUS RUN OF MASTIC ALONG LAP RIB

MASTIC INSTALLATION FOR INTERMEDIATE PANELS (STARTING RUN-NEAR SIDE) — AJ22



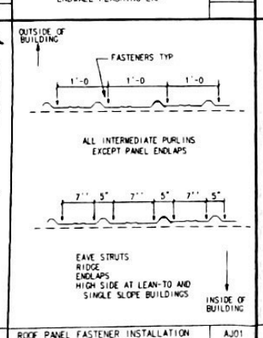
NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS
2. LAP MASTIC WITH TOP OF CLOSURE MASTIC SEE INSIDE CLOSURE INSTALLATION DETAILS

MASTIC INSTALLATION FOR EAVE PANEL (INTERMEDIATE RUNS-NEAR SIDE) — AJ25

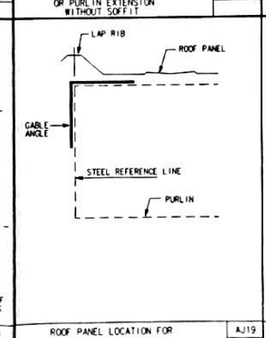


INSTALLATION PROCEDURE
1. INSTALL ENDWALL FLASHING SEE ENDWALL FLASHING DETAILS
2. INSTALL END CLOSURE SEE DETAIL A130
3. INSTALL EAVE GUTTER END CAP SEE DETAIL G120
4. INSTALL EAVE GUTTER SEE EAVE GUTTER DETAILS
5. INSTALL CORNER TRIM AS SHOWN ABOVE

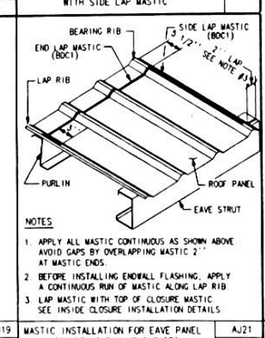
OUTSIDE CORNER DETAIL WITH EAVE GUTTER AND ENDWALL FLASHING — A140



ROOF PANEL FASTENER INSTALLATION AND SPACING SHADOW PANEL — AJ01

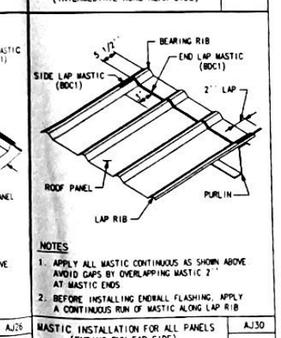


ROOF PANEL LOCATION FOR STARTING RUN AT RAKE — AJ19



NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS
2. BEFORE INSTALLING ENDWALL FLASHING, APPLY A CONTINUOUS RUN OF MASTIC ALONG LAP RIB

MASTIC INSTALLATION FOR INTERMEDIATE PANELS (INTERMEDIATE RUNS-NEAR SIDE) — AJ26



NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS
2. BEFORE INSTALLING ENDWALL FLASHING, APPLY A CONTINUOUS RUN OF MASTIC ALONG LAP RIB

MASTIC INSTALLATION FOR ALL PANELS (ENDING RUN-FAR SIDE) — AJ30

DESIGN CRITERIA
(SEE SHT #2)

DRAWN BY
DATE 3-9-94
CHECKED
DATE 3/21/94
APPROVED

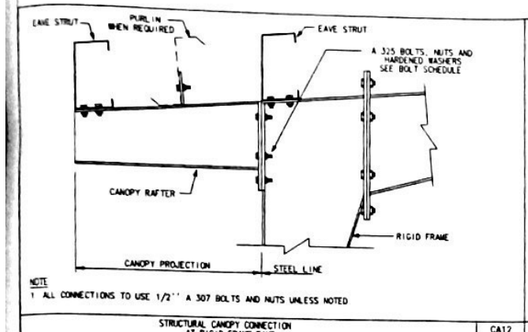
NO	DATE	REVISION

GULF STATES MANUFACTURERS, INC STARKVILLE, MS

JOB NO. 252691

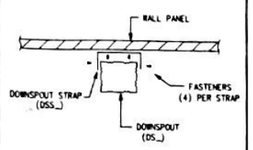
REVISION NO.

PAGE S 1

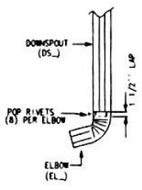


NOTE
1 ALL CONNECTIONS TO USE 1/2'' A 307 BOLTS AND NUTS UNLESS NOTED

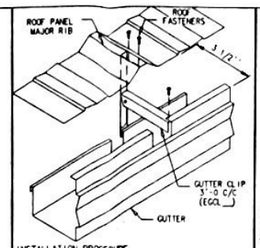
STRUCTURAL CANOPY CONNECTION AT RIGID FRAME EAVE WITH FLUSH GIRTS — CA12



DOWNSPOUT STRAP — GE04

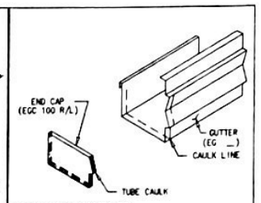


DOWNSPOUT ELBOW — GE05



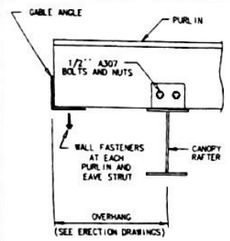
INSTALLATION PROCEDURE
1 PLACE EAVE GUTTER ON TOP OF ROOF PANELS FOR ALIGNMENT OF GUTTER CLIPS WITH PANEL RIB
2 ATTACH GUTTER CLIPS TO GUTTER AS SHOWN ABOVE
3 HANG GUTTER OVER EAVE AND FASTEN AS SHOWN ABOVE

EAVE GUTTER CLIP DETAIL AT SHADOW PANEL MAJOR RIB — GI17

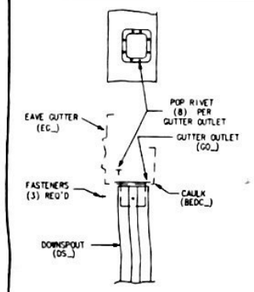


INSTALLATION PROCEDURE
1 APPLY TUBE CAULKING TO END CAP AS SHOWN ABOVE
2 PLACE END CAP INSIDE GUTTER WITH OUTSIDE OF END CAP BEING FLUSH WITH END OF GUTTER.
3 FASTEN WITH POP RIVETS (10) AT 1 1/2'' CENTERS
4 CAULK POP RIVETS FROM INSIDE OF GUTTER
5 CAULK INSIDE EDGE OF END CAP WHERE IT JOINS GUTTER

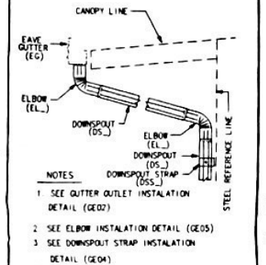
GUTTER END CAP INSTALLATION DETAIL — GI20



END OVERHANG AT STRUCTURAL CANOPY — CB13

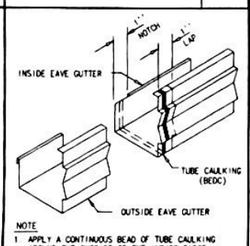


GUTTER OUTLET TO DOWNSPOUT — GE02



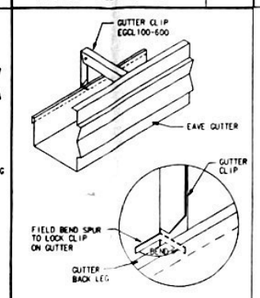
NOTES
1 SEE GUTTER OUTLET INSTALATION DETAIL (GE02)
2 SEE ELBOW INSTALATION DETAIL (GE05)
3 SEE DOWNSPOUT STRAP INSTALATION DETAIL (GE04)

CANOPY RETURN DOWNSPOUT — GE09



NOTE
1 APPLY A CONTINUOUS BEAD OF TUBE CAULKING AROUND THE OUTSIDE OF THE INSIDE PIECE OF GUTTER.
2 INSERT INSIDE GUTTER INTO OUTSIDE GUTTER.
3 FASTEN WITH POP RIVETS (12) AT 1 1/2'' CENTERS

EAVE GUTTER LAP DETAIL — GI14



GUTTER CLIP LOCKING SPUR DETAIL — GI22 — 0

DESIGN CRITERIA (SEE SHT #2)

DRAWN BY EAM 3-94
CHECKED CWISE 042194
APPROVED

NO	DATE	REVISION

GULF STATES MANUFACTURERS, INC. STARKVILLE, MS

JOB NO. 252691

REVISION NO.

PAGE S 2

GULF STATES MANUFACTURERS, INC.

WALL LIGHT INSTALLATION DETAILS

GULF STATES MANUFACTURERS, INC.

WALL LIGHT INSTALLATION DETAILS

GULF STATES MANUFACTURERS, INC.

ROOF LIGHT INSTALLATION PROCEDURES

GULF STATES MANUFACTURERS, INC.

ROOF LIGHT AND INSULATED ROOF LIGHT INSTALLATION DETAILS

LAP SECTIONS

GULF STATES MANUFACTURERS, INC.

ROOF LIGHT INSTALLATION PROCEDURES
(UL90 WIND UPLIFT CLASSIFICATION)

GULF STATES MANUFACTURERS, INC.

UL90 ROOF LIGHT INSTALLATION DETAILS

LAP SECTIONS

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CHECKED
APPROVED

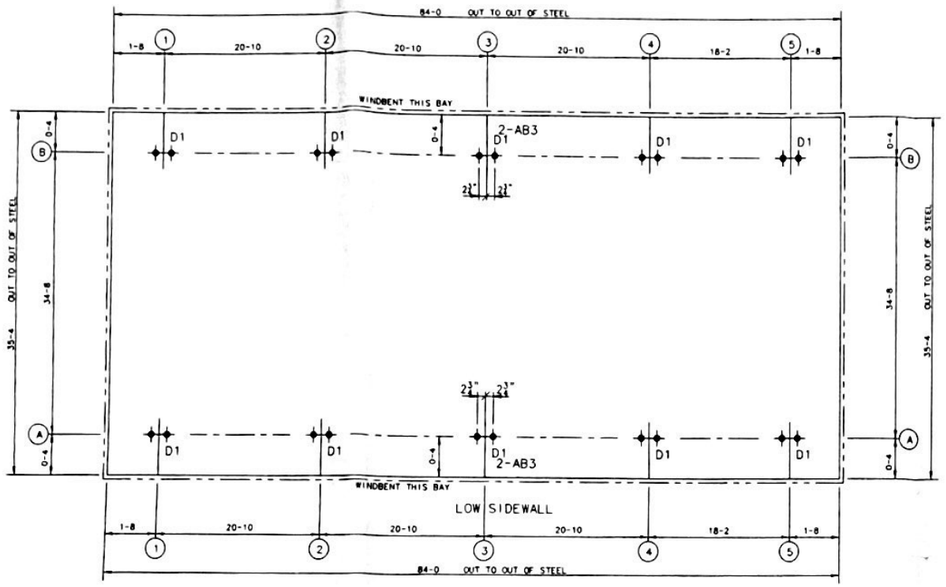
NO. | DATE | REVISION

GULF STATES MANUFACTURERS, INC. SPARTANBURG, SC

JOB NO.

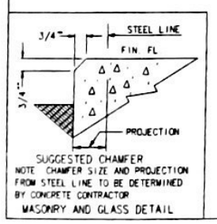
REVISION NO.

PAGE A15

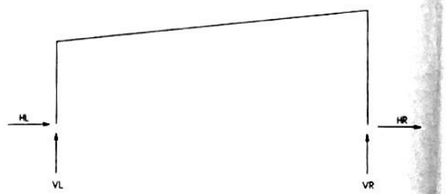


ANCHOR BOLT SETTING PLAN

ASSUMED FINISHED FLOOR ELEVATION = 782.67'
SEE CHART FOR ANCHOR BOLT DETAILS



SUGGESTED CHAMFER
NOTE: CHAMFER SIZE AND PROJECTION FROM STEEL LINE TO BE DETERMINED BY CONCRETE CONTRACTOR
MASONRY AND GLASS DETAIL



FRAME REACTIONS AT COLUMN LINES #1, 2, 3, 4, 5				
LOAD	HL	VL	HR	VR
DEAD	0.30	1.25	-0.30	1.28
LIVE	2.66	9.98	-2.67	9.98
WIND2 →	-2.44	-9.40	2.12	-8.55
WIND2 ←	-1.33	-8.07	3.14	-9.88
WEND	-1.79	-7.82	2.38	-8.20

NO EXCEPTION TAKEN ☐ MAKE CORRECTIONS NOTED ☐ REJECTED ☐ REVISE AND RESUBMIT

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for: Dimensions which shall be confirmed and correlated at the job site; selecting fabrication processes and techniques of construction; coordination of his work with that of all other trades and the satisfactory performance of his work.

Steel + Systems, Inc.

Date 2-28-94
By S.H.

Judy Construction Co.
BY _____ DATE 2-28-94
☐ As Noted
☐ Revise As Noted

QTY	MARK	A	PROJ. THRD AB
	AB1	1 1/2"	3"
20	AB3	3/4"	3"
	AB4	7/8"	3"
	AB5	1"	4"
	AB6	1 1/8"	4"
	AB7	1 1/4"	4"
	1/2" DIA NUTS		
20	3/4" DIA NUTS		
	7/8" DIA NUTS		
	1" DIA NUTS		
	1 1/8" DIA NUTS		
	1 1/4" DIA NUTS		

DESIGN CRITERIA	
1982 ANSI	
25 PSF LIVE LOAD PRIMARY	
25 PSF LIVE LOAD SECONDARY	
10 PSF GROUND SNOW LOAD (EXPOSURE FACTOR = 0.7)	
80 MPH WIND LOAD (EXP. = C)	
SEISMIC ZONE 2	
BUILDING USE CATEGORY III	

Preliminary Drawing
NOT TO BE USED FOR CONSTRUCTION

APPROVED FOR CONSTRUCTION
☐ AS SHOWN
☐ AS NOTED
DATE _____
SIGNED _____

BASE PLATE ORIENTATION

BASE PLATE SIZES

DETAIL	WIDTH	LENGTH
D1	0-8	0-8

GENERAL NOTES:

1. THIS PLAN IS FOR THE LAYOUT AND SETTING OF ANCHOR BOLTS ONLY. THE FOUNDATION DESIGN PROFESSIONAL SHOULD REVIEW AND INCORPORATE THIS PLAN INTO THE FOUNDATION DESIGN AND DETAILS.
2. THE FOUNDATION MUST BE DESIGNED TO RESIST THE REACTIONS SHOWN ON THIS PLAN OR PROVIDED ON RIGID FRAME CALCULATIONS.
3. HAIRPIN AND/OR CROSSTIE REINFORCEMENT IS A SUGGESTED METHOD OF TRANSFERRING THE HORIZONTAL BUILDING REACTIONS INTO THE FOUNDATION. THE FOUNDATION DESIGN PROFESSIONAL SHOULD SELECT AND DESIGN AN ADEQUATE MEANS OF HORIZONTAL LOAD TRANSFER AND PROPERLY INCORPORATE IT INTO THE FOUNDATION.
4. ALL DIMENSIONS ARE BUILDING STEEL DIMENSIONS. REQUIREMENTS FOR SHEETING NOTCHES, BRICK LEDGES, CHAMFERS, ETC. MUST BE ACCOUNTED FOR BY OTHERS.
5. CROSSHATCHED (▨) AREAS INDICATE ACCESSORIES. SEE ACCOMPANYING DETAILS AND ANCHOR SETTINGS.
6. ITEMS IN THE FOUNDATION (I.E. ANCHOR BOLTS, HAIRPINS, SHEAR ANGLES, ETC.) ARE TO BE FURNISHED BY CONCRETE CONTRACTOR UNLESS NOTED.
7. DIMENSIONS GOVERN. DRAWINGS ARE NOT TO SCALE.
8. ALL ANCHOR BOLTS HAVE 3" PROJECTION AND THREAD LENGTH UNLESS NOTED. ANCHOR BOLT SIZES ARE BASED ON A MATERIAL YIELD STRENGTH Fy = 36 KSI.

DRAWN BY: MJS 12 16 93
CHECKED: RLS 2/28/94
APPROVED: [signature] 2/28/94

JUDY CONSTRUCTION
103 SOUTH CHURCH STREET
CYNTHIANA, KY 41031

HARRIMAN UTILITIES BOARD
HARGROVE DRIVE
HARRIMAN, TN

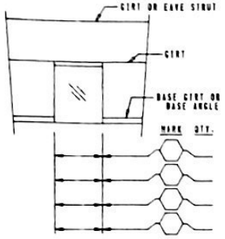
SSHT 35-4 X 84-0 X 10-5, LOW EH 50 TO 12 SLOPE

NO	DATE	REVISION

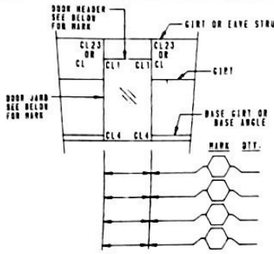
GULF STATES MANUFACTURERS, INC. STARKVILLE, MS

JOB NO. 25269-1
REVISION NO.
Strike Depth B&DS
PAGE B1 OF 1

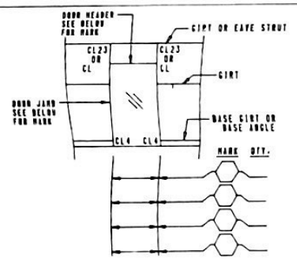
FIELD LOCATED ACCESSORY DETAILS



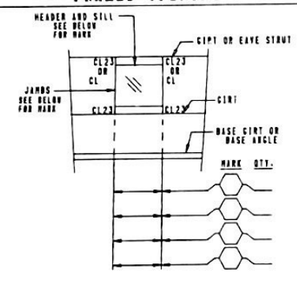
WALKDOOR



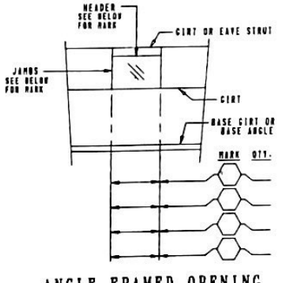
FRAMED OPENING



SPECIAL PURPOSE FRAMED OPENING



CHANNEL FRAMED OPENING



ANGLE FRAMED OPENING

ACCESSORY SCHEDULE

MARK	QTY.	DESCRIPTION
A	12	3' X 10' 026 ROOF LIGHT SEE ACC PG A15

SCREW SCHEDULE

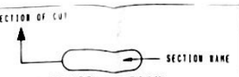
"SD" - SELF-DRILLING "ST" - SELF-TAPPING "SP" SELF-PENETRATING

TYPE	SIZE	COLOR	LOCATION
SD	#12 X 1	LONG LIFE	ROOF PANELS
SD	#14 X 7/8	LONG LIFE	SIDELAP SCREWS ON ROOF OR ENDLAP SCREWS ON SNAP-LOK ROOF
SD	#12 X 1	LONG LIFE	ALL OTHER SCREWS FOR ITEMS SUCH AS: COLDFORM, ETC.
			WALL PANELS
			WALL PANELS
SD	#12 X 1	T.B.S.	FLASHING @ COLDFORM
SD	#14 X 7/8	T.B.S.	FLASHING @ SHT. METAL
			WAINSCOT PANELS
			PARTITION PANELS
			SOFFIT PANELS
			FACADE FACE PANELS
			FACADE BACK PANELS

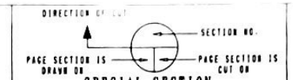
BOLT SCHEDULE

NOTE: A HARDENED FLAT WASHER IS REQ'D AT EACH A325 BOLT.

QTY.	TYPE	SIZE	LOCATION
	A307	1/2 X 1 1/4	ALL LOCATIONS EXCEPT AS NOTED
	GRADE 5	1/2 X 1 1/4	BUEW CORNER COLUMN CONNECTION TO RAFTER
	GRADE 5	1/2 X 1 1/4	BUEW COLUMN CONNECTION TO BUEW RAFTER
	A325	3/4 2	ENDWALL COLUMN CONNECTION TO R.F. RAFTER
	A325	3/4 X 2 1/2	BUEW RAFTER PEAK CONNECTION
	GRADE 5	1/2 X 1 1/4	BUEW RAFTER SPLICE CONNECTION
	A325		FLUSH CANOPY RAFTER CONNECTION
	A325		STRUCTURAL CANOPY RAFTER CONNECTION
	A325		INTERIOR COLUMN TO R.F. CONNECTION
	A325		FACADE OUTRIGGER TO COLUMN CONNECTION
	A325		FACADE STANCHION TO OUTRIGGER CONNECTION
	A325		L.T. RAFTER TO COLUMN CONNECTION
	A325		L.T. RAFTER TO BRACKET CONNECTION
	A325	3/4 X 2 1/2	WINDBENT COLUMN BASE CONNECTION
	A325	1/2 X 1 1/2	WINDBENT COLUMN TO EAVE LINE BRACKET CONNECTION
	A325	3/4 2	WINDBENT RAFTER TO WINDBENT COLUMN CONNECTION
	A325		R.F. HAUNCH CONNECTION
	A325	3/4 X 2	R.F. HAUNCH CONNECTION
	A325		R.F. HAUNCH CONNECTION
	A325		R.F. HAUNCH CONNECTION
	A325		R.F. PEAK CONNECTION
	A325		R.F. PEAK CONNECTION
	A325		R.F. PEAK CONNECTION
	A325		R.F. PEAK CONNECTION
	A325		R.F. SPLICE CONNECTION
	A325		R.F. SPLICE CONNECTION
	A325		R.F. SPLICE CONNECTION
	A325		R.F. SPLICE CONNECTION
	A307	1/2 X 3 1/2	◐ - INDICATES ANTI-ROLL PURLIN CONNECTION.
	GRADE 5	1/2 X 1 1/4	AT DIAGONAL BRACE CONNECTIONS.
	GRADE 5	1/2 X 1 1/4	○ - INDICATES (2) BOLT CONNECTION.
	GRADE 5	1/2 X 1 1/4	□ - INDICATES (4) BOLT CONNECTION.



STANDARD SECTION KEY PLAN



SPECIAL SECTION KEY PLAN

BUILDING NOTES:

1. ALL STRUCTURAL STEEL TO BE PAINTED WITH ONE SHOP COAT OF OXIDE PRIMER.
2. WALL SHEETING MATERIAL TO BE AS FOLLOWS:
   (A) - NONE
3. ROOF SHEETING MATERIAL TO BE AS FOLLOWS:
   (A) - GSSP 26GA T.B.S. ARTIFACT BRONZE
4. LINER PANEL MATERIAL TO BE AS FOLLOWS:
   (A) -
5. SOFFIT PANEL MATERIAL TO BE AS FOLLOWS:
   (A) -
6. ALL FLASHING MATERIAL TO BE 26 GAUGE WITH BAKED ON PAINT.
7. SECONDARY FRAMING MEMBER SIZES AND WINDBRACING SIZES ARE NOTED ON DRAWINGS WHERE APPLICABLE
8. SEE DRAWINGS FOR SPECIFIC NOTES, COLORS, AND EXCEPTIONS TO THE NOTES ABOVE. DRAWINGS ARE NOT TO SCALE DIMENSIONS GOVERN.

GENERAL NOTES:

1. STANDARD DETAILS ARE IN ALPHABETICAL ORDER WHICH HAS NO INFLUENCE ON THE ORDER OF ERECTION. THESE DETAILS ALONG WITH THE SPECIAL DETAILS WILL BE REFERENCED ON THE BUILDING FRAMING PLANS AS SHOWN IN THE KEY PLANS ABOVE.
2. THE BUILDING MUST BE ERECTED ACCORDING TO THE FRAMING PLANS, STANDARD DETAILS, SPECIAL DETAILS, AND NOTES TO ASSURE COMPLIANCE WITH DESIGN LOADS AND BUILDING CODE REQUIREMENTS.
3. FIELD MODIFICATION OF THE BUILDINGS OR BUILDING COMPONENTS WHICH WILL AFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY AN AUTHORIZED REPRESENTATIVE OF GULF STATES MANUFACTURERS, INC.
4. ALL BUILDING COMPONENTS MUST BE PROTECTED TO MINIMIZE WEATHER DAMAGE UNTIL ERECTED. SPECIAL CARE SHOULD BE GIVEN TO PANELS AND FLASHING (SPECIAL INSTRUCTIONS ON PANEL AND FLASHING PACKAGING).
5. DUE TO THE UNIVERSAL DESIGN AND USE OF METAL BUILDING COMPONENTS, SOME OF THE HOLES WILL NOT BE USED IN EVERY APPLICATION. REFER TO DETAILS AND BOLT CHART FOR NUMBER, SIZE, AND TYPE OF BOLTS TO BE USED IN CONNECTIONS.
6. MOST OF THE ACCESSORIES FURNISHED WITH GULF STATES BUILDINGS ARE FRAGILE TO SOME EXTENT AND MUST BE HANDLED WITH CARE.
7. MOST DETAILS PERTAINING TO SNAP-LOK ROOF PANELS WILL BE SHOWN IN THE SNAP-LOK ERECTION MANUAL.

ERECTION NOTES:

1. GULF STATES MANUFACTURERS, INC. PROVIDES THE NECESSARY MATERIALS FOR A SAFE AND STABLE STRUCTURE WHEN ALL MATERIALS ARE PROPERLY ERECTED AND INSTALLED AS SHOWN IN THE GSM LITERATURE AND ERECTION DRAWINGS. HOWEVER, DURING ERECTION OF THE STRUCTURE, THE ERECTION PROFESSIONAL SHALL TAKE MEASURES TO INSURE THE STABILITY OF THE STRUCTURE. TEMPORARY SHORING, BRACING, FRAMEWORK, ETC. USED TO ALIGN AND TO STABILIZE THE STRUCTURE DURING ERECTION IS THE RESPONSIBILITY OF THE ERECTION PROFESSIONAL.

   ALL PRIMARY AND SECONDARY FRAMING, WIND BRACING, ETC. SHALL BE INSTALLED, PROPERLY ALIGNED, BOLTED OR WELDED PRIOR TO THE INSTALLATION OF THE ROOF AND WALL PANELS.

   ERECTION LOADS SUCH AS SHEET BUNDLES, EQUIPMENT, ETC. SHALL BE SUPPORTED DIRECTLY OVER MAIN FRAME "LINES" (NOT ON PURLINS AT MID-BAY) WITH THE PURLINS PROPERLY SHORED TO PREVENT ROLL AND/OR BUCKLING. IN NO CASE SHOULD ERECTION LOADS EXCEED 2,000 POUNDS.

   ALL BOLTS OR WELDS, PURLINS AND ALL COLUMN AND RAFTER INNER FLANGE BRACES MUST BE PROPERLY INSTALLED ON "MAIN FRAMES" AS THEY ARE ERECTED AND BEFORE ERECTION LOADS ARE PLACED ON THEM.
2. DO NOT STAND OR WALK ON SECONDARY FRAMING MEMBERS SUCH AS GIRTS, PURLINS, AND EAVE STRUTS UNLESS THEY ARE FIRMLY SECURED AT BOTH ENDS AND LATERALLY SUPPORTED.
3. DO NOT USE METAL BUILDING PANELS AS WALK BOARDS OR WORKING PLATFORMS. NEVER STAND OR WALK ON METAL BUILDING PANELS BETWEEN SUPPORTS UNLESS THE PANELS ARE FIRMLY FASTENED AT BOTH ENDS AND BOTH SIDES.
4. METAL BUILDING PANELS ARE WAXED OR OILED FOR FINISH PROTECTION DURING SHIPPING AND STORAGE. THE WAX OR OIL MAKES THE PANELS SLIPPERY AND HAZARDOUS TO WALK ON OR STAND ON. THE WAX OR OIL CAN BUILD UP ON SHOES, GLOVES, AND CLOTHING MAKING CLIMBING OR WALKING OR OTHER COMPONENTS HAZARDOUS.
5. GULF STATES WALL LIGHTS ARE DESIGNED AND INTENDED FOR WALL USE ONLY. UNDER NO CIRCUMSTANCES ARE WALL LIGHTS TO BE INSTALLED IN BUILDING ROOFS. UNDER NO CIRCUMSTANCES WILL GULF STATES FURNISH WALL LIGHTS FOR INSTALLATION IN BUILDING ROOFS.
6. GULF STATES ROOF LIGHTS ARE NOT DESIGNED FOR FOOT TRAFFIC OR TO SUPPORT THE WEIGHT OF AN INDIVIDUAL WITHOUT POSSIBLE INJURY TO THE INDIVIDUAL AND/OR DAMAGE TO THE ROOF LIGHT. EXTREME CAUTION SHOULD BE EXERCISED WHEN ERECTING OR WORKING AROUND ROOF LIGHTS. ROOFING LADDERS OR 2" X 8" PLANKS SHOULD BE USED DURING ROOF INSTALLATION, ROOF REPAIR, OR IN THE CASE OF ANY OTHER WORK ON ROOF.
7. TURN-OF-THE NUT TIGHTENING - WHEN THE TURN-OF-THE NUT METHOD IS USED TO PROVIDE THE BOLT TENSION, THERE SHALL FIRST BE ENOUGH BOLTS BROUGHT TO A "SNUG TIGHT" CONDITION TO INSURE THAT PARTS OF THE JOINT ARE BROUGHT INTO GOOD CONTACT WITH EACH OTHER. SNUG TIGHT IS DEFINED AS THE TIGHTNESS ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. FOLLOWING THIS INITIAL OPERATION, BOLTS SHALL BE PLACED IN ANY REMAINING HOLES IN THE CONNECTION AND BROUGHT TO SNUG TIGHTNESS. ALL BOLTS IN THE JOINT SHALL THEN BE TIGHTENED ADDITIONALLY BY THE APPLICABLE AMOUNT OF NUT ROTATION SPECIFIED IN THE TABLE BELOW, WITH TIGHTENING PROCEEDING SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT TO ITS FREE EDGES. DURING THIS OPERATION THERE SHALL BE NO ROTATION OF THE PART NOT TURNED BY THE WRENCH.

DISPOSITION OF OUTER FACES OF BOLTED PARTS		
BOTH FACES NORMAL TO THE BOLT AXIS, OR ONE FACE NORMAL TO AXIS AND OTHER FACE SLOPED NOT MORE THAN 1:20 (BEVEL WASHER NOT USED)		BOTH FACES SLOPED NOT MORE THAN 1:20 FROM NORMAL TO BOLT AXIS (BEVEL WASHER NOT USED)
BOLT LENGTH NOT EXCEEDING 8 DIAMETERS OR 8 INCHES	BOLT LENGTH EXCEEDING 8 DIAMETERS OR 8 INCHES	FOR ALL LENGTH OF BOLTS
1/2 TURN	2/3 TURN	3/4 TURN

NUT ROTATION IS ROTATION RELATIVE TO BOLT REGARDLESS OF THE ELEMENT (NUT OR BOLT) BEING TURNED. TOLERANCE OR ROTATION: 30 DEGREES (ONE-TWELFTH FULL TURN) OVER AND UNDER. FOR COARSE THREAD HEAVY HEX STRUCTURAL BOLTS OF ALL SIZES AND LENGTH HEAVY HEX SEMI-FINISHED NUTS. BOLT LENGTH IS MEASURED FROM UNDERSIDE OF HEAD TO EXTREME END OF POINT.

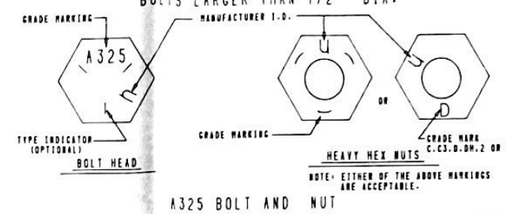
GLOSSARY OF ABBREVIATIONS

AFF - ABOVE FINISHED FLOOR
BLDG - BUILDING
BM - BEAM
BO - BY OTHERS
BRKT - BRACKET
BUEW - BUILT UP ENDWALL (COLUMN AND BEAM)
CHNL - CHANNEL
℄ - CENTER LINE
CO - CHANGE ORDER
COL - COLUMN
CONC - CONCRETE
CP - CENTERSEAL PANEL
CW - CLASSIC PANEL
DB - DIAGONAL BRACE
DIA - DIAMETER
EA - EACH
EH - EAVE HEIGHT
EL - EAVE LINE
ELEV - ELEVATION
ENDW - ENDWALL
ES - EAVE STRUT
FF - FINISHED FLOOR
FS - FAR SIDE
FLSH - FLASHING
FO - FRAMED OPENING
GA - GAUGE
GSM - GULF STATES MFRS
HSW - HIGH SIDEWALL
LT - LEAN-TO
LSW - LOW SIDEWALL
MAX - MAXIMUM
MEZZ - MEZZANINE
MIN - MINIMUM
NS - NEAR SIDE
OC - ON CENTER
OPP - OPPOSITE
℄ - PLATE
PKG - PACKAGE
PNL - PANEL
REV - REVISION
RL - ROOF-LOK PANEL
RF - RIGID FRAME
SIDW - SIDEWALL
SW - SHADOW PANEL
SHT - SHEET
SIM - SIMILAR
SL - SNAP-LOK PANEL
SLW - STEEL LINE
SPEC - SPECIAL
SYM - SYMMETRICAL ABOUT ℄
TBS - TO BE SELECTED
TOS - TOP OF STEEL
TW - TRADITIONAL PANEL
TYP - TYPICAL
UN - UNLESS NOTED
WC - WAINSCOT PANEL
WL - WALL-LOK PANEL
WP - WORKING POINT
Z - GIRT OR PURLIN
△ - ANGLE
O/O - OUT TO OUT

DESIGN CRITERIA

BOLT AND NUT IDENTIFICATION MARKS

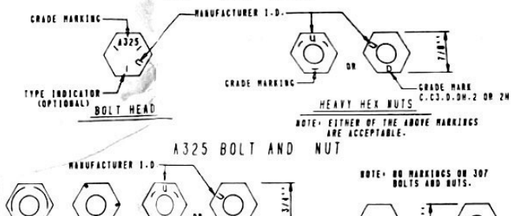
BOLTS LARGER THAN 1/2" DIA.



NOTE: EITHER OF THE ABOVE MARKINGS ARE ACCEPTABLE.

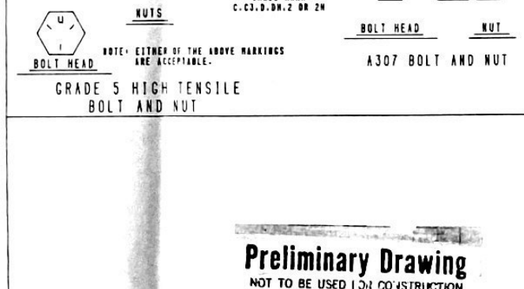
A325 BOLT AND NUT

1/2" DIA. BOLTS



NOTE: EITHER OF THE ABOVE MARKINGS ARE ACCEPTABLE.

A325 BOLT AND NUT



NOTE: EITHER OF THE ABOVE MARKINGS ARE ACCEPTABLE.

GRADE 5 HIGH TENSILE BOLT AND NUT

NOTE: DO MARKINGS ON 307 BOLTS AND NUTS.

A307 BOLT AND NUT

Preliminary Drawing
NOT TO BE USED FOR CONSTRUCTION

APPROVED FOR CONSTRUCTION
☐ AS SHOWN
☐ AS NOTED
DATE
SIGNED

THIS BUILDING SYSTEM BY

GULF STATES
MANUFACTURERS, INC.

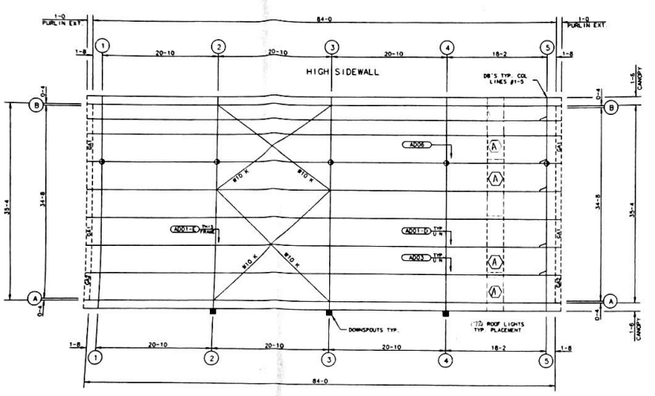
NO.	DATE	REVISION

DRAWN BY
CHECKED
APPROVED

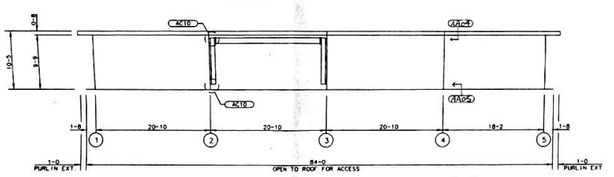
GULF STATES MANUFACTURERS, INC. STARKVILLE, MS

JOB NO. 25269-1
REVISION NO.
PAGE E 1 of 2

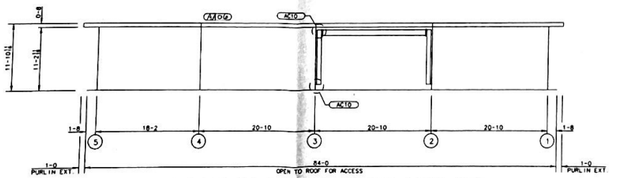
NOTE: ALL WINDBRACING TO BE 3/4'' DIA. CABLES AND TO USE 1/2'' DIA. EYEBOLTS U.N.
NOTE: ALL PURLINS TO BE 8'' Z 16 GA. TYPICAL U.N.
NOTE: (⊕) DENOTES (2) 1/2'' X 3 1/2'' A307 BOLTS.



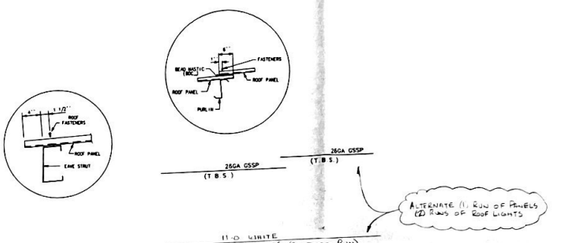
ROOF FRAMING PLAN

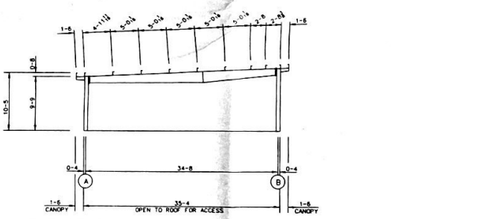


ELEVATION # 1 AT COLUMN LINE "A"

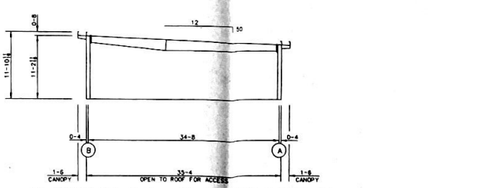


ELEVATION # 2 AT COLUMN LINE "B"





ELEVATION # 4 AT COLUMN LINE #5

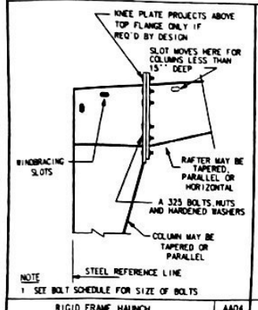


ELEVATION # 3 AT COLUMN LINE #1

DESIGN CRITERIA
1982 ANSI
70 PSF L.L. LOAD PRIMARY
25 PSF L.L. LOAD SECONDARY
10 PSF GROUND SNOW LOAD
(EXPOSURE FACTOR = 0.7)
90 MPH WIND LOAD (EXP. = C)
SEISMIC ZONE 2
BUILDING USE CATEGORY III

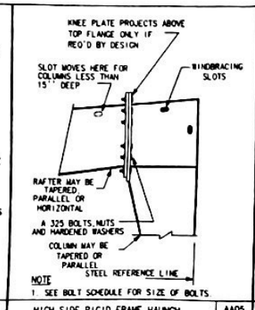
DRAWN BY MDS
12-23-15
CHECKED
APPROVED

JOB NO. 25269-1
REVISION NO
PAGE E2 OF 2



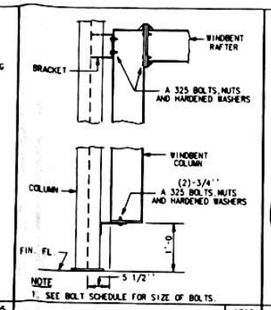
NOTE
1. SEE BOLT SCHEDULE FOR SIZE OF BOLTS

RIGID FRAME HAUNCH WITH FLUSH GIRTS — AA04



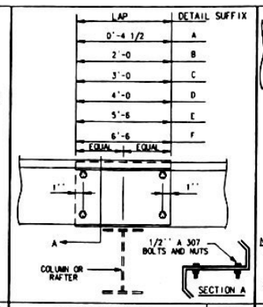
NOTE
1. SEE BOLT SCHEDULE FOR SIZE OF BOLTS

HIGH SIDE RIGID FRAME HAUNCH WITH FLUSH GIRTS — AA05

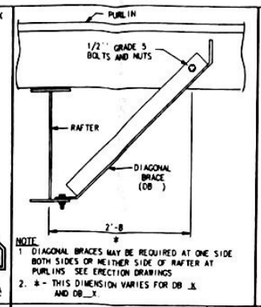


NOTE
1. SEE BOLT SCHEDULE FOR SIZE OF BOLTS.

WINDBENT CONNECTIONS — AC10

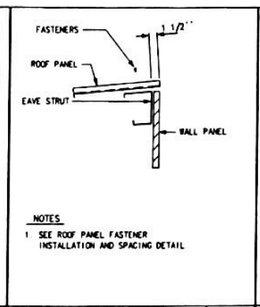


PURLIN OR GIRT LAP — AD01



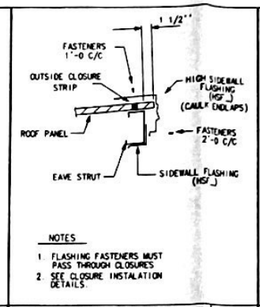
NOTE
1. DIAGONAL BRACES MAY BE REQUIRED AT ONE SIDE BOTH SIDES OR NEITHER SIDE OF RAFTER AT PURLINS SEE ERECTION DRAWINGS
2. * - THIS DIMENSION VARIES FOR DB X AND DB_X

DIAGONAL BRACE CONNECTION AT RAFTER — AD07



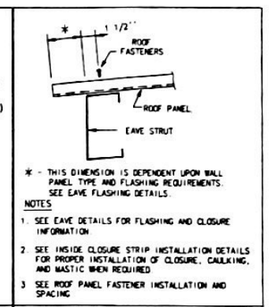
NOTES
1. SEE ROOF PANEL FASTENER INSTALLATION AND SPACING DETAIL

ROOF PANEL AT HIGH SIDE EAVE — AI01A



NOTES
1. FLASHING FASTENERS MUST PASS THROUGH CLOSURES
2. SEE CLOSURE INSTALATION DETAILS.

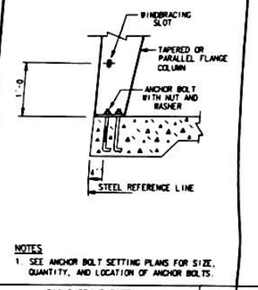
HIGH SIDEWALL AND EAVE STRUT FLASHING OPEN BELOW EAVE STRUT — AI19



* - THIS DIMENSION IS DEPENDENT UPON WALL PANEL TYPE AND FLASHING REQUIREMENTS. SEE EAVE FLASHING DETAILS.

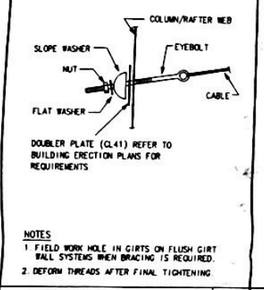
NOTES
1. SEE EAVE DETAILS FOR FLASHING AND CLOSURE INFORMATION
2. SEE INSIDE CLOSURE STRIP INSTALLATION DETAILS FOR PROPER INSTALLATION OF CLOSURE, CAULKING, AND MASTIC WHEN REQUIRED
3. SEE ROOF PANEL FASTENER INSTALLATION AND SPACING

ROOF PANEL EAVE DETAIL — AI27



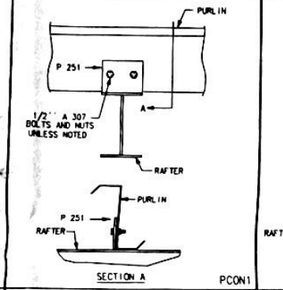
NOTES
1. SEE ANCHOR BOLT SETTING PLANS FOR SIZE, QUANTITY, AND LOCATION OF ANCHOR BOLTS.

RIGID FRAME BASE WITH FLUSH GIRTS — AA06



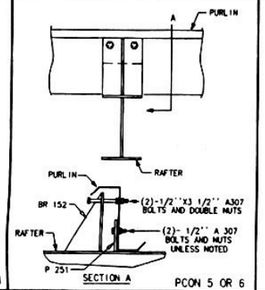
NOTES
1. FIELD WORK HOLE IN GIRTS ON FLUSH GIRT WALL SYSTEMS WHEN BRACING IS REQUIRED.
2. DEFORM THREADS AFTER FINAL TIGHTENING

WINDBRACING CABLE CONNECTION TO COLUMN OR RAFTER WEB — AC01



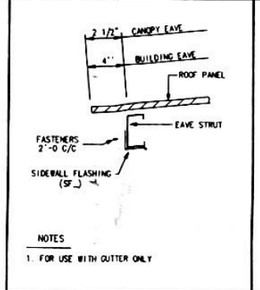
PCON1

PURLIN CONNECTION TO RAFTER WITH TWO BOLTS — AD03



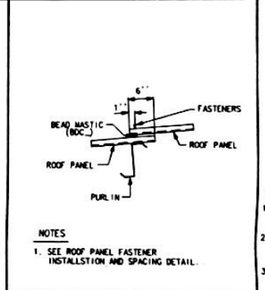
PCON 5 OR 6

PURLIN CONNECTION TO RAFTER (LIMITED ROLL) FIXED ROOFS — AD06



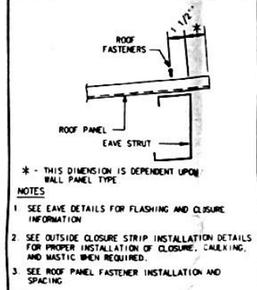
NOTES
1. FOR USE WITH GUTTER ONLY

SIDEWALL FLASHING ON BOTTOM OF EAVE STRUT — AI03 2



NOTES
1. SEE ROOF PANEL FASTENER INSTALLSTION AND SPACING DETAIL.

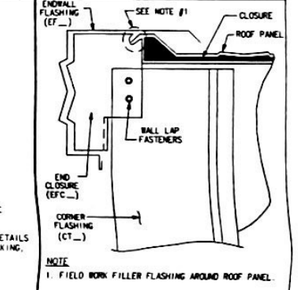
ROOF PANEL ENDLAP — AI13



* - THIS DIMENSION IS DEPENDENT UPON WALL PANEL TYPE

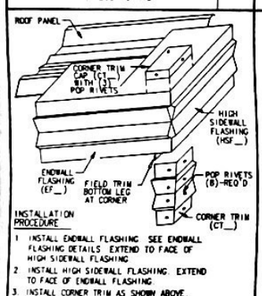
NOTES
1. SEE EAVE DETAILS FOR FLASHING AND CLOSURE INFORMATION
2. SEE OUTSIDE CLOSURE STRIP INSTALLATION DETAILS FOR PROPER INSTALLATION OF CLOSURE, CAULKING, AND MASTIC WHEN REQUIRED.
3. SEE ROOF PANEL FASTENER INSTALLATION AND SPACING

ROOF PANEL HIGH SIDE DETAIL — AI28



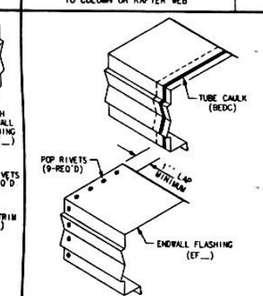
NOTE
1. FIELD WORK FILLER FLASHING AROUND ROOF PANEL.

ENDWALL FLASHING FILLER DETAIL AT BUILDING CORNER — AI30

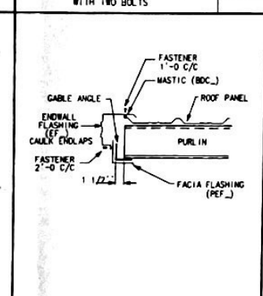


INSTALLATION PROCEDURE
1. INSTALL ENDWALL FLASHING. SEE ENDWALL FLASHING DETAILS. EXTEND TO FACE OF HIGH SIDEWALL FLASHING
2. INSTALL HIGH SIDEWALL FLASHING. EXTEND TO FACE OF ENDWALL FLASHING
3. INSTALL CORNER TRIM AS SHOWN ABOVE
4. INSTALL CORNER TRIM CAP

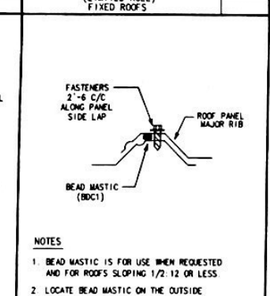
HIGH SIDEWALL CORNER WITH ENDWALL AND HIGH SIDEWALL FLASHING — AI33



ENDWALL FLASHING LAP — AI37

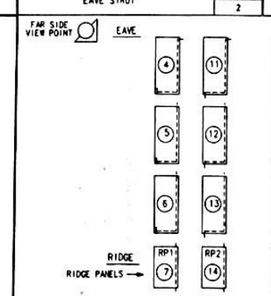


RAKE FLASHING AT OPEN ENDWALL OR PURLIN EXTENSION WITHOUT SOFFIT — AJ07



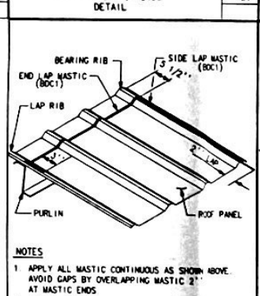
NOTES
1. BEAD MASTIC IS FOR USE WHEN REQUESTED AND FOR ROOFS SLOPING 1/2:12 OR LESS.
2. LOCATE BEAD MASTIC ON THE OUTSIDE OF FASTENER LINE

ROOF SHADOW PANEL SIDE LAP WITH SIDE LAP MASTIC — AJ17



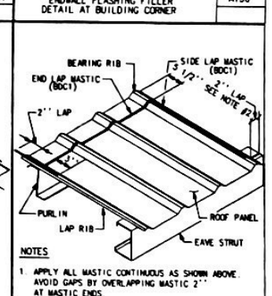
NOTES
1. DASH LINES DENOTE LINE OF MASTIC
2. SEE MASTIC INSTALLATION DETAILS
3. APPLY MASTIC ONE PANEL AT A TIME
4. ERECT PANELS ON BOTH SIDES OF RIDGE AND INSTALL RIDGE PANELS IN THE ORDER SHOWN

ROOF PANEL LAYOUT AND END LAP /SIDE LAP MASTIC LOCATIONS — AJ20



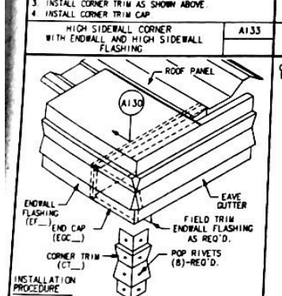
NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE. AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS
2. BEFORE INSTALLING ENDWALL FLASHING, APPLY A CONTINUOUS RUN OF MASTIC ALONG LAP RIB

MASTIC INSTALLATION FOR INTERMEDIATE PANELS (STARTING RUN-NEAR SIDE) — AJ22



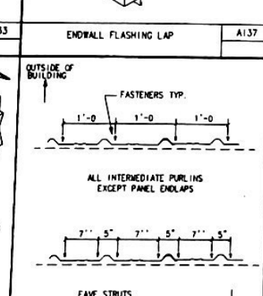
NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE. AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS
2. LAP MASTIC WITH TOP OF CLOSURE MASTIC. SEE INSIDE CLOSURE INSTALLATION DETAILS.

MASTIC INSTALLATION FOR EAVE PANEL (INTERMEDIATE RUNS-NEAR SIDE) — AJ25

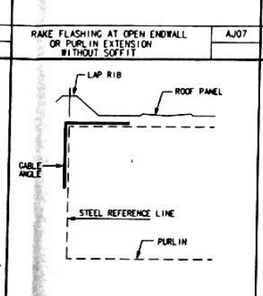


INSTALLATION PROCEDURE
1. INSTALL ENDWALL FLASHING. SEE ENDWALL FLASHING DETAILS.
2. INSTALL END CLOSURE. SEE DETAIL A130
3. INSTALL EAVE GUTTER END CAP. SEE DETAIL G120.
4. INSTALL EAVE GUTTER. SEE EAVE GUTTER DETAILS.
5. INSTALL CORNER TRIM AS SHOWN ABOVE.

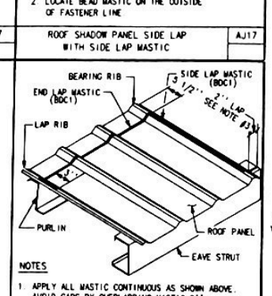
OUTSIDE CORNER DETAIL WITH EAVE GUTTER AND ENDWALL FLASHING — AI40



ROOF PANEL FASTENER INSTALLATION AND SPACING SHADOW PANEL — AJ01

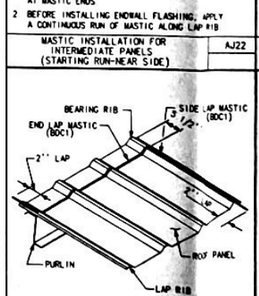


ROOF PANEL LOCATION FOR STARTING RUN AT RAKE — AJ19



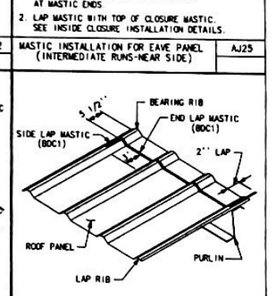
NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE. AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS
2. BEFORE INSTALLING ENDWALL FLASHING, APPLY A CONTINUOUS RUN OF MASTIC ALONG LAP RIB.
3. LAP MASTIC WITH TOP OF CLOSURE MASTIC SEE INSIDE CLOSURE INSTALLATION DETAILS

MASTIC INSTALLATION FOR EAVE PANEL (STARTING RUN-NEAR SIDE) — AJ21



NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE. AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS.

MASTIC INSTALLATION FOR INTERMEDIATE PANELS (INTERMEDIATE RUNS-NEAR SIDE) — AJ26



NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS.
2. BEFORE INSTALLING ENDWALL FLASHING, APPLY A CONTINUOUS RUN OF MASTIC ALONG LAP RIB.

MASTIC INSTALLATION FOR ALL PANELS (ENDING RUN-FAR SIDE) — AJ30

DESIGN CRITERIA
(SEE SHT #2)

	DRAWN BY	CHECKED	APPROVED
	PBB		
	12-20-13		

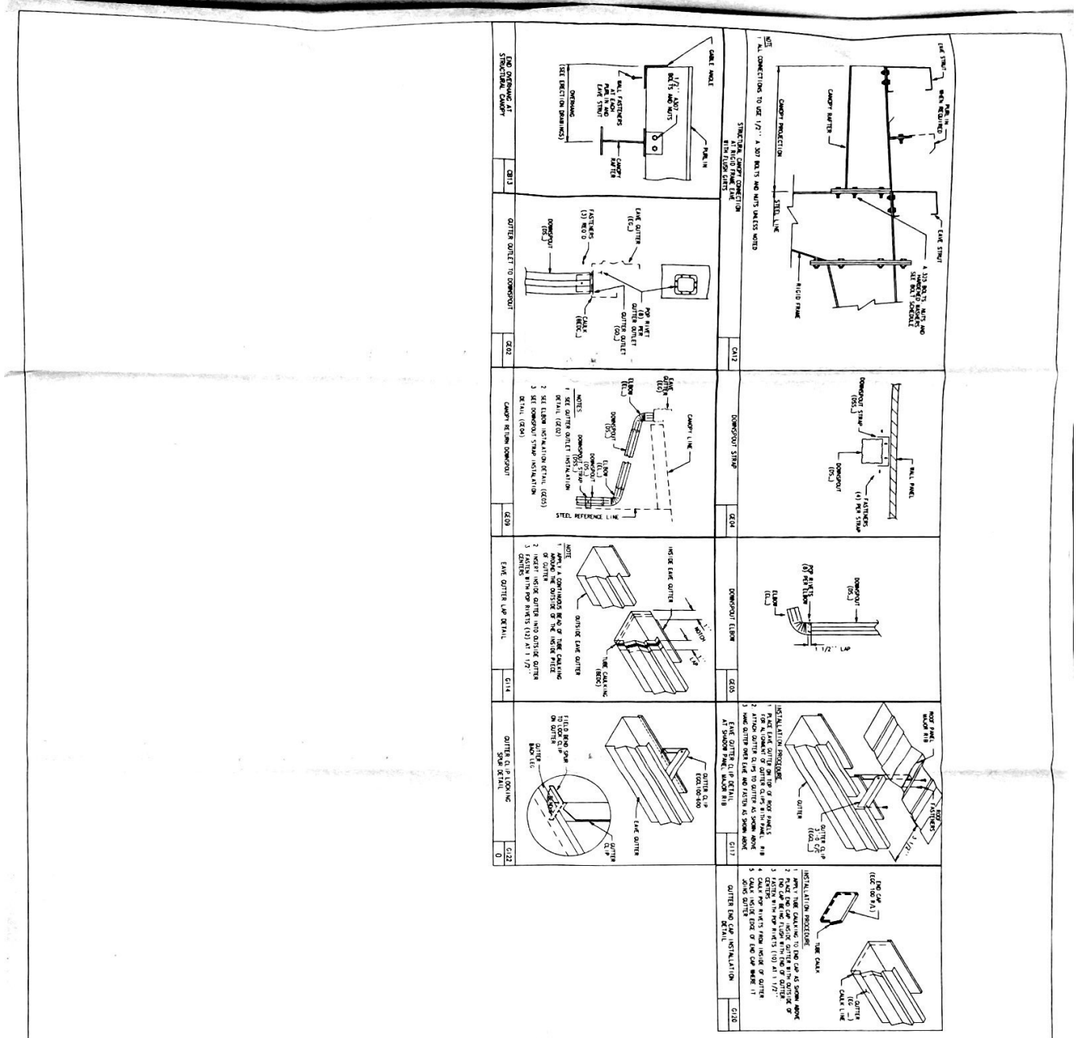
NO	DATE	REVISION

GULF STATES MANUFACTURERS, INC STARKVILLE, MS

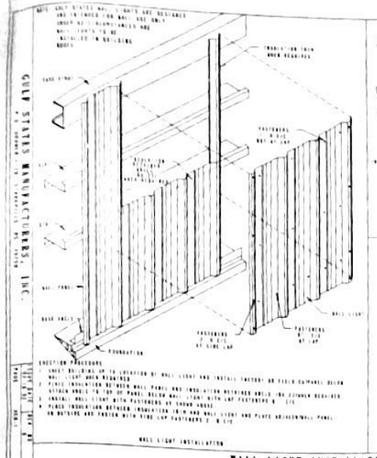
JOB NO. 252691

REVISION NO.

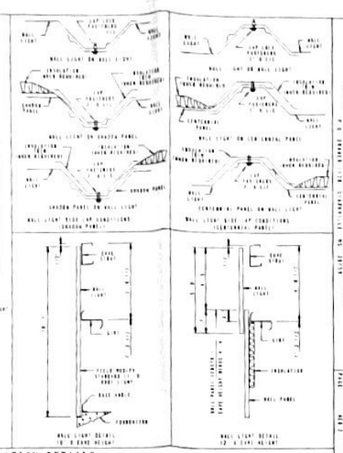
PAGE S 1



GULF STATES MANUFACTURERS, INC.



WALL LIGHT INSTALLATION

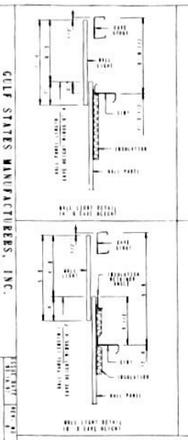


WALL LIGHT DETAIL

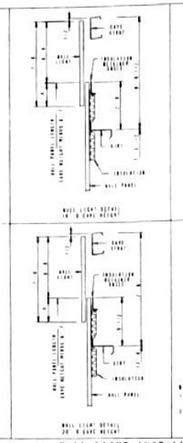
WALL LIGHT DETAIL

WALL LIGHT INSTALLATION DETAILS

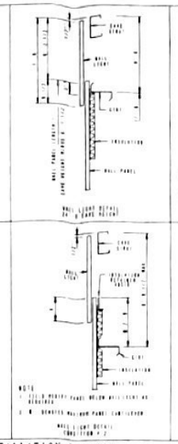
GULF STATES MANUFACTURERS, INC.



WALL LIGHT DETAIL



WALL LIGHT DETAIL



WALL LIGHT DETAIL

WALL LIGHT DETAIL

WALL LIGHT DETAIL

WALL LIGHT DETAIL

WALL LIGHT DETAIL

WALL LIGHT INSTALLATION DETAILS

GULF STATES MANUFACTURERS, INC.

ROOF LIGHT INSTALLATION PROCEDURES

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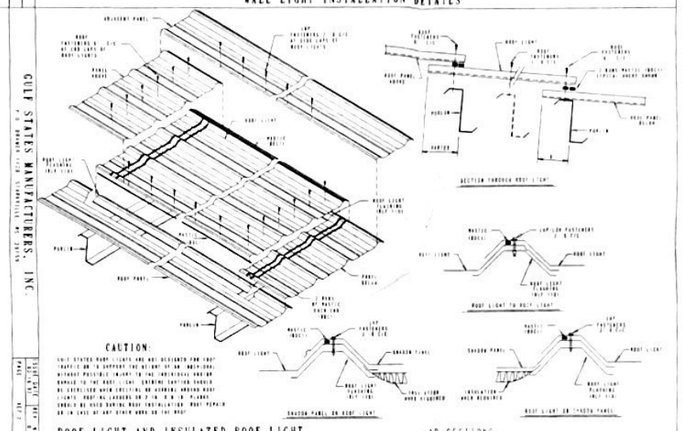
GULF STATES MANUFACTURERS, INC.



CAUTION:

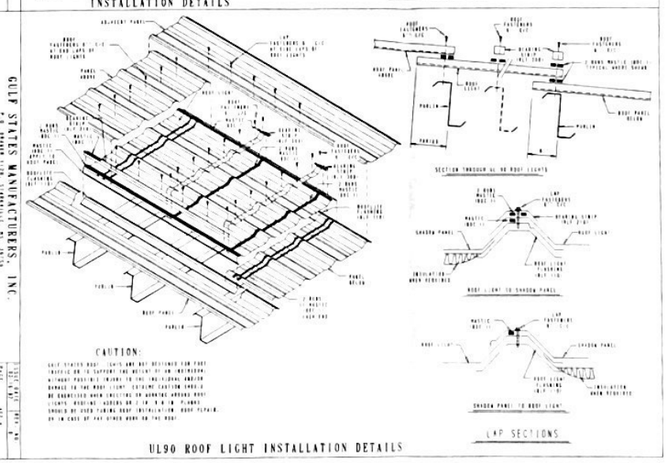
LAP SECTIONS

ROOF LIGHT AND INSULATED ROOF LIGHT INSTALLATION DETAILS

GULF STATES MANUFACTURERS, INC.

ROOF LIGHT INSTALLATION PROCEDURES (UL90 WIND UPLIFT CLASSIFICATION)

GULF STATES MANUFACTURERS, INC.



CAUTION:

LAP SECTIONS

UL90 ROOF LIGHT INSTALLATION DETAILS

DRAWN BY		
CHECKED		
APPROVED		

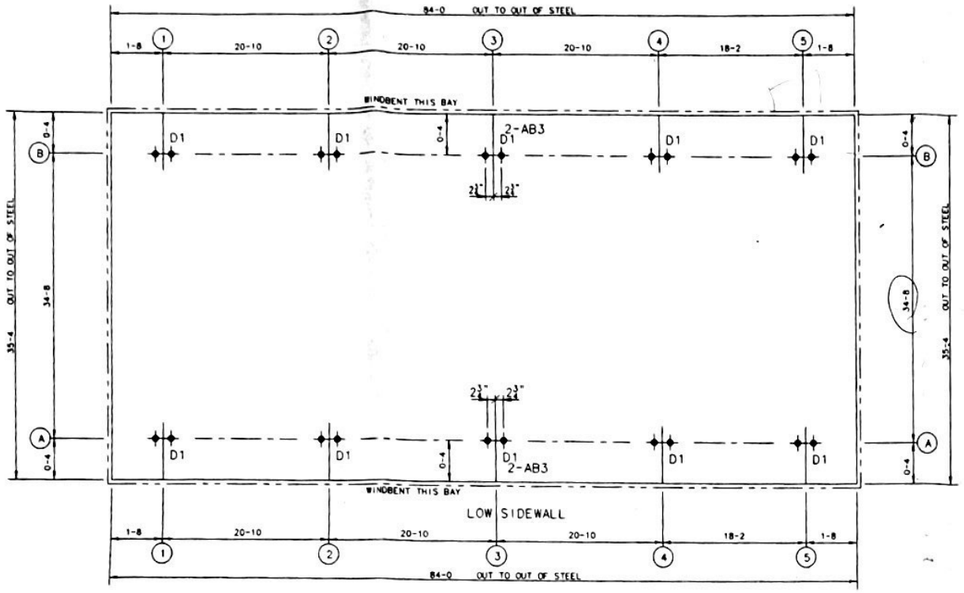
NO	DATE	REVISION

GULF STATES MANUFACTURERS, INC. STURGEON BAY, WI

JOB NO.

REVISION NO.

PAGE A15



ANCHOR BOLT SETTING PLAN

ASSUMED FINISHED FLOOR ELEVATION = 782.67'
SEE CHART FOR ANCHOR BOLT DETAILS

3/4" X 1' = 3" PROJ.

ANCHOR BOLT DETAIL CHART			
DETAIL	QTY/MARK	PITCH	GAGE
D1	2-AB3		5 1/2"

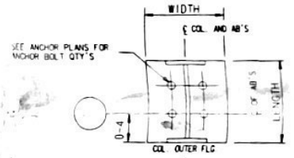
☐ NO EXCEPTION TAKEN ☐ MAKE CORRECTIONS NOTED
☐ REJECTED
X REVISE AND RESUBMIT SHEET 2

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for determining which shall be combined and completed at the job site detailing fabrication, erection and temporary connections, coordination of his work with that of all other trades and the satisfactory performance of his work.

Ehret + Gutmann, Inc.
Date 1-21-94
By

Preliminary Drawing
NOT TO BE USED FOR CONSTRUCTION

APPROVED FOR CONSTRUCTION
☐ AS SHOWN
☐ AS NOTED
DATE
SIGNED



BASE PLATE ORIENTATION

BASE PLATE SIZES

DETAIL	WIDTH	LENGTH
D1	0-8	0-8

Judy Construction Co.
BY [illegible] DATE: 1-24-94
☐ Reviewed
☐ Reviewed As Noted

QTY	MARK	DIA	PROJ. THRD AE
	AB1	1/2"	3"
20	AB3	3/4"	3"
	AB4	7/8"	3"
	AB5	1"	4"
	AB6	1 1/8"	4"
	AB7	1 1/4"	4"
	1/2" DIA NUTS		
20	3/4" DIA NUTS		
	7/8" DIA NUTS		
	1" DIA NUTS		
	1 1/8" DIA NUTS		
	1 1/4" DIA NUTS		

DESIGN CRITERIA

1982 ANSI
25 PSF LIVE LOAD PRIMARY
25 PSF LIVE LOAD SECONDARY
10 PSF GROUND SNOW LOAD (EXPOSURE FACTOR = 0.7)
80 MPH WIND LOAD (EXP. = C)
SEISMIC ZONE 2
BUILDING USE CATEGORY III

DRAWN BY KMS 12.16.93
CHECKED
APPROVED

JUDY CONSTRUCTION
103 SOUTH CHURCH STREET
CYNTHIANA, KY 41031

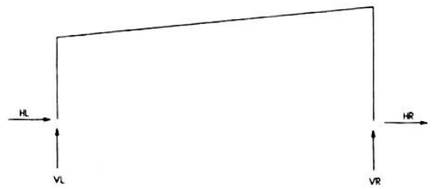
HARRIMAN UTILITIES BOARD
MARGROVE DRIVE
HARRIMAN, TN

SSRF 35'-4 x 84'-0 x 10'-5 LSW EH — 50 TO 12 SLOPE

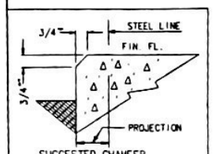
NO	DATE	REVISION

GULF STATES MANUFACTURERS, INC. STARKVILLE, MS

JOB NO. 25269-1
REVISION NO
Revise Drawing Beds
PAGE B1 OF 1



FRAME REACTIONS AT COLUMN LINES #1, 2, 3, 4, 5				
LOAD	HL	VL	HR	VR
DEAD	0.30	1.25	-0.30	1.28
LIVE	2.66	9.98	-2.67	9.98
WIND2 →	-2.44	-9.40	2.12	-8.55
WIND2 ←	-1.33	-8.07	3.14	-9.88
WEND	-1.79	-7.82	2.38	-8.20

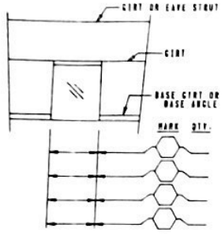


SUGGESTED CHAMFER
NOTE: CHAMFER SIZE AND PROJECTION FROM STEEL LINE TO BE DETERMINED BY CONCRETE CONTRACTOR
MASONRY AND GLASS DETAIL

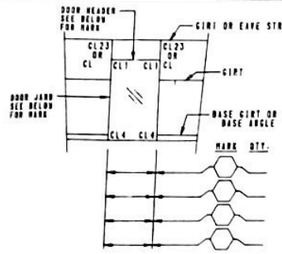
GENERAL NOTES:

1. THIS PLAN IS FOR THE LAYOUT AND SETTING OF ANCHOR BOLTS ONLY. THE FOUNDATION DESIGN PROFESSIONAL SHOULD REVIEW AND INCORPORATE THIS PLAN INTO THE FOUNDATION DESIGN AND DETAILS.
2. THE FOUNDATION MUST BE DESIGNED TO RESIST THE REACTIONS SHOWN ON THIS PLAN OR PROVIDED ON RIGID FRAME CALCULATIONS.
3. HAIRPIN AND/OR CROSSTIE REINFORCEMENT IS A SUGGESTED METHOD OF TRANSFERRING THE HORIZONTAL BUILDING REACTIONS INTO THE FOUNDATION. THE FOUNDATION DESIGN PROFESSIONAL SHOULD SELECT AND DESIGN AN ADEQUATE MEANS OF HORIZONTAL LOAD TRANSFER AND PROPERLY INCORPORATE IT INTO THE FOUNDATION.
4. ALL DIMENSIONS ARE BUILDING STEEL DIMENSIONS. REQUIREMENTS FOR SHEETING NOTCHES, BRICK LEDGES, CHAMFERS, ETC. MUST BE ACCOUNTED FOR BY OTHERS.
5. CROSSHATCHED (▨) AREAS INDICATE ACCESSORIES. SEE ACCOMPANYING DETAILS AND ANCHOR SETTINGS.
6. ITEMS IN THE FOUNDATION (I.E. ANCHOR BOLTS, HAIRPINS, SHEAR ANGLES, ETC.) ARE TO BE FURNISHED BY CONCRETE CONTRACTOR UNLESS NOTED.
7. DIMENSIONS GOVERN. DRAWINGS ARE NOT TO SCALE.
8. ALL ANCHOR BOLTS HAVE 3" PROJECTION AND THREAD LENGTH UNLESS NOTED. ANCHOR BOLT SIZES ARE BASED ON A MATERIAL YIELD STRENGTH Fy = 36 KSI.

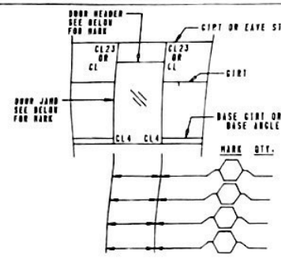
FIELD LOCATED ACCESSORY DETAILS



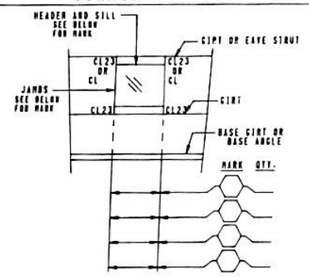
WALKDOOR



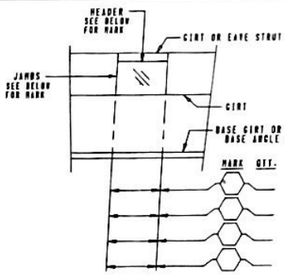
FRAMED OPENING



SPECIAL PURPOSE FRAMED OPENING



CHANNEL FRAMED OPENING



ANGLE FRAMED OPENING

ACCESSORY SCHEDULE

MARK	QTY.	DESCRIPTION
(A)	34	3'-0" x 11'-0" STD ROOF LIGHT CLR ACC PG A15
	1	@ FULL WIDTH OF ROOF

SCREW SCHEDULE

"SD" - SELF-DRILLING "ST" - SELF-TAPPING "SP" SELF-PENETRATING

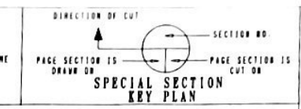
TYPE	SIZE	COLOR	LOCATION
SD	#12 X 1	LONG LIFE	ROOF PANELS
SD	#14 X 7/8	LONG LIFE	SIDELAP SCREWS ON ROOF OR ENDLAP SCREWS ON SHUR-LOK ROOF
SD	#12 X 1	LONG LIFE	ALL OTHER SCREWS FOR ITEMS SUCH AS: COLBFORM, ETC.
			WALL PANELS
			VALL PANELS
SD	#12 X 1	T.B.S.	FLASHING @ COLBFORM
SD	#14 X 7/8	T.B.S.	FLASHING @ SHT METAL
			WAINSCOT PANELS
			PARTITION PANELS
			SOFFIT PANELS
			FACADE FACE PANELS
			FACADE BACK PANELS

BOLT SCHEDULE

NOTE: A HARDENED FLAT WASHER IS REQ'D AT EACH A325 BOLT.

QTY.	TYPE	SIZE	LOCATION
	A307	1/2 X 1 1/4	ALL LOCATIONS EXCEPT AS NOTED
	GRADE 5	1/2 X 1 1/4	BUEW CORNER COLUMN CONNECTION TO RAFTER
	GRADE 5	1/2 X 1 1/4	BUEW COLUMN CONNECTION TO BUEW RAFTER
	A325	3/4 X 2	ENDWALL COLUMN CONNECTION TO R.F. RAFTER
	A325	3/4 X 2 1/2	BUEW RAFTER PEAK CONNECTION
	GRADE 5	1/2 X 1 1/4	BUEW RAFTER SPLICE CONNECTION
	A325		FLUSH CANOPY RAFTER CONNECTION
	A325		STRUCTURAL CANOPY RAFTER CONNECTION
	A325		INTERIOR COLUMN TO R.F. CONNECTION
	A325		FACADE OUTRIGGER TO COLUMN CONNECTION
	A325		FACADE STANCHION TO OUTRIGGER CONNECTION
	A325		L.T. RAFTER TO COLUMN CONNECTION
	A325		L.T. RAFTER TO BRACKET CONNECTION
	A325	3/4 X 2 1/2	WINDBENT COLUMN BASE CONNECTION
	A325	1/2 X 1 1/2	WINDBENT COLUMN TO EAVE LINE BRACKET CONNECTION
	A325	3/4 X 2	WINDBENT RAFTER TO WINDBENT COLUMN CONNECTION
	A325		R.F. HAUNCH CONNECTION
	A325	3/4 X 2	R.F. HAUNCH CONNECTION
	A325		R.F. HAUNCH CONNECTION
	A325		R.F. HAUNCH CONNECTION
	A325		R.F. PEAK CONNECTION
	A325		R.F. PEAK CONNECTION
	A325		R.F. PEAK CONNECTION
	A325		R.F. PEAK CONNECTION
	A325		R.F. SPLICE CONNECTION
	A325		R.F. SPLICE CONNECTION
	A325		R.F. SPLICE CONNECTION
	A325		R.F. SPLICE CONNECTION
	A307	1/2 X 3 1/2	◐ - INDICATES ANTI-ROLL PURLIN CONNECTION.
	GRADE 5	1/2 X 1 1/4	AT DIAGONAL BRACE CONNECTIONS.
	GRADE 5	1/2 X 1 1/4	○ - INDICATES (2) BOLT CONNECTION.
	GRADE 5	1/2 X 1 1/4	□ - INDICATES (4) BOLT CONNECTION.

STANDARD SECTION KEY PLAN



SPECIAL SECTION KEY PLAN

BUILDING NOTES:

1. ALL STRUCTURAL STEEL TO BE PAINTED WITH ONE SHOP COAT OF OXIDE PRIMER.
2. WALL SHEETING MATERIAL TO BE AS FOLLOWS:
   (A) - NONE
3. ROOF SHEETING MATERIAL TO BE AS FOLLOWS:
   (A) - GSSP 26GA T.B.S.
4. LINER PANEL MATERIAL TO BE AS FOLLOWS:
   (A) -
5. SOFFIT PANEL MATERIAL TO BE AS FOLLOWS:
   (A) -
6. ALL FLASHING MATERIAL TO BE 26 GAUGE WITH BAKED ON PAINT.
7. SECONDARY FRAMING MEMBER SIZES AND WINDOW/DOOR SIZES ARE NOTED ON DRAWINGS WHERE APPLICABLE.
8. SEE DRAWINGS FOR SPECIFIC NOTES, COLORS, AND EXCEPTIONS TO THE NOTES ABOVE. DRAWINGS ARE NOT TO SCALE DIMENSIONS COVERN.

GENERAL NOTES:

1. STANDARD DETAILS ARE IN ALPHABETICAL ORDER WHICH HAS NO INFLUENCE ON THE ORDER OF ERECTION. THESE DETAILS ALONG WITH THE SPECIAL DETAILS WILL BE REFERENCED ON THE BUILDING FRAMING PLANS AS SHOWN IN THE KEY PLANS ABOVE.
2. THE BUILDING MUST BE ERECTED ACCORDING TO THE FRAMING PLANS, STANDARD DETAILS, SPECIAL DETAILS, AND NOTES TO ASSURE COMPLIANCE WITH DESIGN LOADS AND BUILDING CODE REQUIREMENTS.
3. FIELD MODIFICATION OF THE BUILDINGS OR BUILDING COMPONENTS WHICH WILL AFFECT THE STRUCTURAL INTEGRITY OF THE BUILDING WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL BY AN AUTHORIZED REPRESENTATIVE OF GULF STATES MANUFACTURERS, INC.
4. ALL BUILDING COMPONENTS MUST BE PROTECTED TO MINIMIZE WEATHER DAMAGE UNTIL ERECTED. SPECIAL CARE SHOULD BE GIVEN TO PANELS AND FLASHING (SPECIAL INSTRUCTIONS ON PANEL AND FLASHING PACKAGE(S)).
5. DUE TO THE UNIVERSAL DESIGN AND USE OF METAL BUILDING COMPONENTS, SOME OF THE HOLES WILL NOT BE USED IN EVERY APPLICATION. REFER TO DETAILS AND BOLT CHART FOR NUMBER, SIZE, AND TYPE OF BOLTS TO BE USED IN CONNECTIONS.
6. MOST OF THE ACCESSORIES FURNISHED WITH GULF STATES BUILDINGS ARE FRAGILE TO SOME EXTENT AND MUST BE HANDLED WITH CARE.
7. MOST DETAILS PERTAINING TO SHUR-LOK ROOF PANELS WILL BE SHOWN IN THE SHUR-LOK ERECTION MANUAL.

ERECTION NOTES:

1. GULF STATES MANUFACTURERS, INC. PROVIDES THE NECESSARY MATERIALS FOR A SAFE AND STABLE STRUCTURE WHEN ALL MATERIALS ARE PROPERLY ERECTED AND INSTALLED AS SHOWN IN THE GSM LITERATURE AND ERECTION DRAWINGS. HOWEVER, DURING ERECTION OF THE STRUCTURE, THE ERECTION PROFESSIONAL SHALL TAKE MEASURES TO INSURE THE STABILITY OF THE STRUCTURE. TEMPORARY SHORING, BRACING, FRAMEWORK, ETC. USED TO ALIGN AND TO STABILIZE THE STRUCTURE DUPING ERECTION IS THE RESPONSIBILITY OF THE ERECTION PROFESSIONAL.

   ALL PRIMARY AND SECONDARY FRAMING, WIND BRACING, ETC. SHALL BE INSTALLED, PROPERLY ALIGNED, BOLTED OR WELDED PRIOR TO THE INSTALLATION OF THE ROOF AND WALL PANELS.

   ERECTION LOADS SUCH AS SHEET BUNDLES, EQUIPMENT, ETC. SHALL BE SUPPORTED DIRECTLY OVER MAIN FRAME "LINES" (NOT ON PURLINS AT MID-BAY) WITH THE PURLINS PROPERLY SHORED TO PREVENT ROLL AND/OR BUCKLING. IN NO CASE SHOULD ERECTION LOADS EXCEED 2,000 POUNDS.

   ALL BOLTS OR WELDS, PURLINS AND ALL COLUMN AND RAFTER INNER FLANGE BRACES MUST BE PROPERLY INSTALLED ON "MAIN FRAMES" AS THEY ARE ERECTED AND BEFORE ERECTION LOADS ARE PLACED ON THEM.
2. DO NOT STAND OR WALK ON SECONDARY FRAMING MEMBERS SUCH AS GIRTS, PURLINS, AND EAVE STRUTS UNLESS THEY ARE FIRMLY SECURED AT BOTH ENDS AND LATERALLY SUPPORTED.
3. DO NOT USE METAL BUILDING PANELS AS WALK BOARDS OR WORKING PLATFORMS. NEVER STAND OR WALK ON METAL BUILDING PANELS BETWEEN SUPPORTS UNLESS THE PANELS ARE FIRMLY FASTENED AT BOTH ENDS AND BOTH SIDES.
4. METAL BUILDING PANELS ARE WAXED OR OILED FOR FINISH PROTECTION DURING SHIPPING AND STORAGE. THE WAX OR OIL MAKES THE PANELS SLIPPERY AND HAZARDOUS TO WALK ON OR STAND ON. THE WAX OR OIL CAN BUILD UP ON SHOES, GLOVES, AND CLOTHING MAKING CLIMBING OR WALKING ON OTHER COMPONENTS HAZARDOUS.
5. GULF STATES WALL LIGHTS ARE DESIGNED AND INTENDED FOR WALL USE ONLY. UNDER NO CIRCUMSTANCES ARE WALL LIGHTS TO BE INSTALLED IN BUILDING ROOFS. UNDER NO CIRCUMSTANCES WILL GULF STATES FURNISH WALL LIGHTS FOR INSTALLATION IN BUILDING ROOFS.
6. GULF STATES ROOF LIGHTS ARE NOT DESIGNED FOR FOOT TRAFFIC OR TO SUPPORT THE WEIGHT OF AN INDIVIDUAL WITHOUT POSSIBLE INJURY TO THE INDIVIDUAL AND/OR DAMAGE TO THE ROOF LIGHT. EXTREME CAUTION SHOULD BE EXERCISED WHEN ERECTING OR WORKING AROUND ROOF LIGHTS. ROOFING LADDERS OR 2" X 8" PLANKS SHOULD BE USED DURING ROOF INSTALLATION, ROOF REPAIR, OR IN THE CASE OF ANY OTHER WORK ON ROOF.
7. TURN-OF-THE-NUT TIGHTENING - WHEN THE TURN-OF-THE-NUT METHOD IS USED TO PROVIDE THE BOLT TENSION, THERE SHALL FIRST BE ENOUGH BOLTS BROUGHT TO A "SNUG TIGHT" CONDITION TO INSURE THAT PARTS OF THE JOINT ARE BROUGHT INTO GOOD CONTACT WITH EACH OTHER. SNUG TIGHT IS DEFINED AS THE TIGHTNESS ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH. FOLLOWING THIS INITIAL OPERATION, BOLTS SHALL BE PLACED IN ANY REMAINING HOLES IN THE CONNECTION AND BROUGHT TO SNUG TIGHTNESS. ALL BOLTS IN THE JOINT SHALL THEN BE TIGHTENED ADDITIONALLY BY THE APPLICABLE AMOUNT OF NUT ROTATION SPECIFIED IN THE TABLE BELOW. WITH TIGHTENING PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT TO ITS FREE EDGES. DURING THIS OPERATION THERE SHALL BE NO ROTATION OF THE PART NOT TURNED BY THE WRENCH.

DISPOSITION OF OUTER FACES OF BOLTED PARTS		
BOTH FACES NORMAL TO THE BOLT AXIS, OR ONE FACE NORMAL TO AXIS AND OTHER FACE SLOPED NOT MORE THAN 1:20 (BEVEL WASHER NOT USED)		BOTH FACES SLOPED NOT MORE THAN 1:20 FROM NORMAL TO BOLT AXIS (BEVEL WASHER NOT USED)
BOLT LENGTH NOT EXCEEDING 8 DIAMETERS OR 8 INCHES	BOLT LENGTH EXCEEDING 8 DIAMETERS OR 8 INCHES	FOR ALL LENGTH OF BOLTS
1/2 TURN	2/3 TURN	3/4 TURN

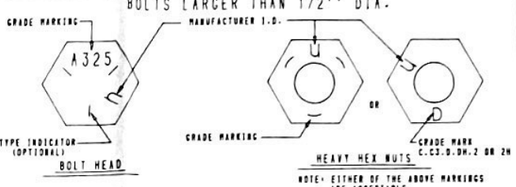
NUT ROTATION IS ROTATION RELATIVE TO BOLT REGARDLESS OF THE ELEMENT (NUT OR BOLT) BEING TURNED. TOLERANCE OR ROTATION: 30 DEGREES (ONE-TWELFTH FULL TURN) OVER AND UNDER. FOR COARSE THREAD HEAVY HEX STRUCTURAL BOLTS OF ALL SIZES AND LENGTH HEAVY HEX SEMI-FINISHED NUTS. BOLT LENGTH IS MEASURED FROM UNDERSIDE OF HEAD TO EXTREME END OF POINT.

GLOSSARY OF ABBREVIATIONS

AFF - ABOVE FINISHED FLOOR	ES - EAVE STRUT	RF - RIGID FRAME
BLDG - BUILDING	FF - FINISHED FLOOR	SSSW - SIDEWALL
BM - BEAM	FS - FAR SIDE	SR - SHROUD PANEL
BO - BY OTHERS	FLSH - FLASHING	SHT - SHEET
BRKT - BRACKET	FO - FRAMED OPENING	SIM - SIMILAR
BUEW - BUILT UP ENDWALL (COLUMN AND BEAM)	GA - GAUGE	SL - LOUVER SILL PANEL
CHNL - CHANNEL	GSM - GULF STATES MFRS.	SLW - STEEL LINE
℄ - CENTER LINE	HSW - HIGH SIDEWALL	SPEC - SPECIAL
CO - CHANGE ORDER	LT - LEAN-TO	SYM - SYMMETRICAL ABOUT ℄
COL - COLUMN	LSW - LOW SIDEWALL	TBS - TO BE SELECTED
CONC - CONCRETE	MAX - MAXIMUM	TOS - TOP OF STEEL
CP - CENTERTAL PANEL	MEZZ - MEZZANINE	TW - TRADITIONAL PANEL
CW - CLASSIC PANEL	MIN - MINIMUM	TYP - TYPICAL
DB - DIAGONAL BRACE	NS - NEAR SIDE	UN - UNLESS NOTED
DIA - DIAMETER	OC - ON CENTER	WC - WAINSCOT PANEL
EA - EACH	OPP - OPPOSITE	WL - WALL-LOK PANEL
EH - EAVE HEIGHT	℄ - PLATE	WP - WORKING POINT
EL - EAVE LINE	PKG - PACKAGE	Z - GIRT OR PURLIN
ELEV - ELEVATION	PNL - PANEL	∠ - ANGLE
ENDW - ENDWALL	REV - REVISION	O/O - OUT TO OUT
	RL - ROOF-LOK PANEL	

BOLT AND NUT IDENTIFICATION MARKS

BOLTS LARGER THAN 1/2" DIA.



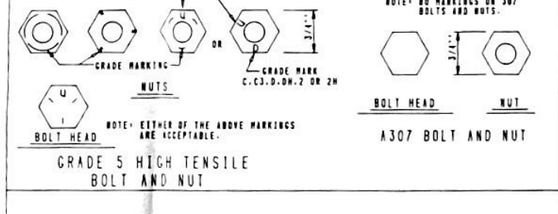
NOTE: EITHER OF THE ABOVE MARKINGS ARE ACCEPTABLE.

A325 BOLT AND NUT

1/2" DIA. BOLTS

NOTE: EITHER OF THE ABOVE MARKINGS ARE ACCEPTABLE.

A325 BOLT AND NUT



A307 BOLT AND NUT

GRADE 5 HIGH TENSILE BOLT AND NUT

Preliminary Drawing
NOT TO BE USED FOR CONSTRUCTION
APPROVED FOR CONSTRUCTION
☐ AS SHOWN
☐ AS NOTED
DATE
SIGNED

THIS BUILDING SYSTEM BY

GULF STATES MANUFACTURERS, INC.

DESIGN CRITERIA

(SEE SHT 3&4)

DRWN BY
CHECKED
APPROVED

NO.	DATE	REVISION

GULF STATES MANUFACTURERS, INC. STARKVILLE, MS

JOB NO. 25269-1

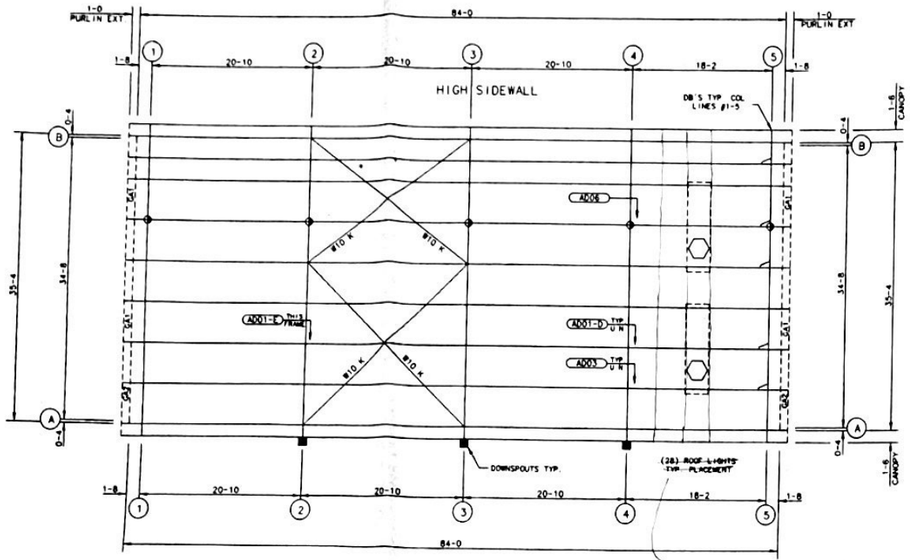
REVISION NO.

PAGE E 1 OF 2

NOTE: ALL WINDBRACING TO BE 1/4" DIA. CABLES AND TO USE 1/2" DIA. EYEBOLTS U.N.

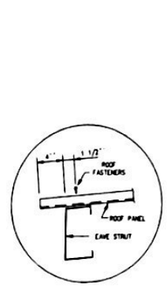
NOTE: ALL PURLINS TO BE 8" Z 16 GA. TYPICAL U.N.

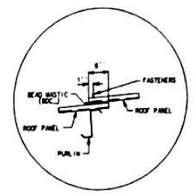
NOTE: (⊕) DENOTES (2) 1/2" X 3 1/2" A307 BOLTS.

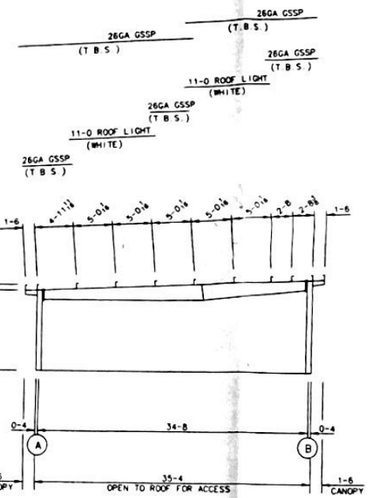


ROOF FRAMING PLAN

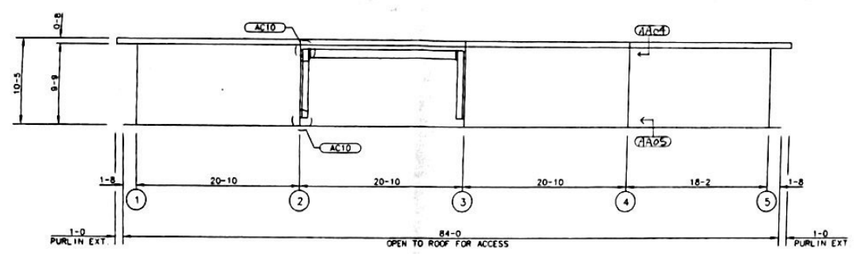
ROOF LIGHTS SHALL BE AS SPEC'D. DS 6-33 - ONE RIB STEEL TWO ROWS TRANSLUCENT - FULL WIDTH SEE MARTIN, TN PROJECT GS 23535-0



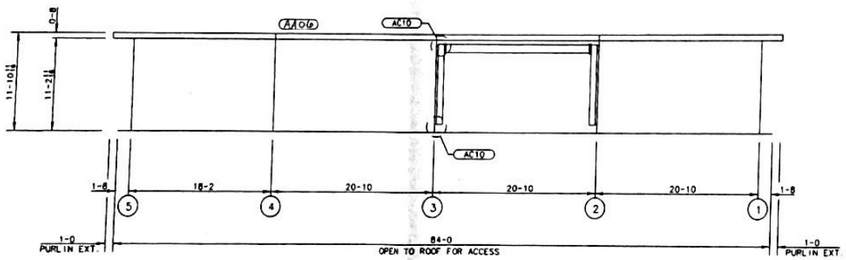




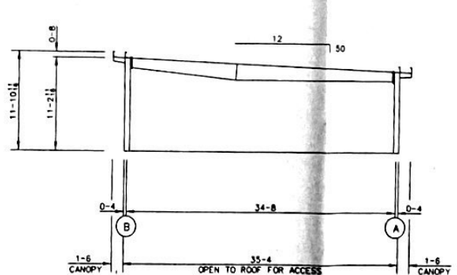
ELEVATION # 4 AT COLUMN LINE #5



ELEVATION # 1 AT COLUMN LINE "A"



ELEVATION # 2 AT COLUMN LINE "B"



ELEVATION # 3 AT COLUMN LINE #1

☐ NO EXCEPTION TAKEN ☐ MAKE CORRECTIONS NOTED
☐ REJECTED
☒ REVISE AND RESUBMIT

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for: Dimensions which shall be confirmed and correlated at the job site; selecting fabrication processes and techniques of construction; coordination of his work with that of all other trades and the satisfactory performance of his work.

Sivad + Dunson, Inc.

Date 12-21-94
By JDE

2
3 4
1
BUILDING ELEVATIONS

DESIGN CRITERIA
1982 ANSI
25 PSF LIVE LOAD PRIMARY
25 PSF LIVE LOAD SECONDARY
10 PSF GROUND SNOW LOAD
(EXPOSURE FACTOR = 0.7)
80 MPH WIND LOAD (EXP = C)
SEISMIC ZONE 2
BUILDING USE CATEGORY III

DRAWN BY PDB 12/12/13
CHECKED
APPROVED

JUDY CONSTRUCTION
103 SOUTH CHURCH STREET
CYNTHIANA, KY 41031

HARRIMAN UTILITIES BOARD
HARGROVE DRIVE
HARRIMAN, TN

SSMF 35-4 X 84-0 X 10-5 LSW EH — 50 TO 12 SLOPE

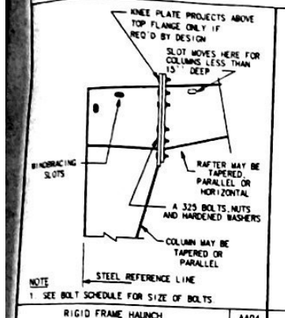
NO | DATE | REVISION

GULF STATES MANUFACTURERS, INC STARKVILLE, MS

JOB NO. 25269-1

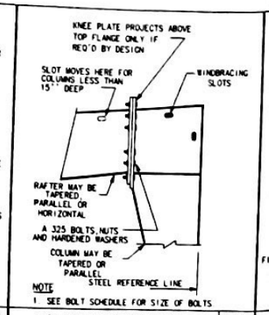
REVISION NO.

PAGE E2 OF 2



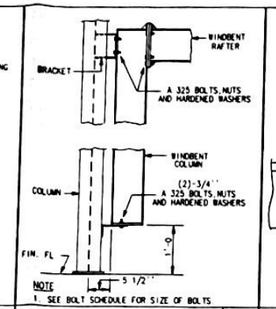
NOTE
1. SEE BOLT SCHEDULE FOR SIZE OF BOLTS

RIGID FRAME HAUNCH WITH FLUSH GIRTS — AA04



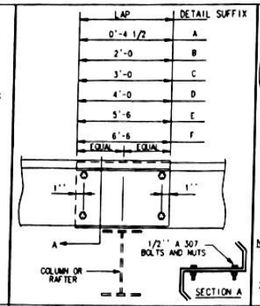
NOTE
1. SEE BOLT SCHEDULE FOR SIZE OF BOLTS

HIGH SIDE RIGID FRAME HAUNCH WITH FLUSH GIRTS — AA05

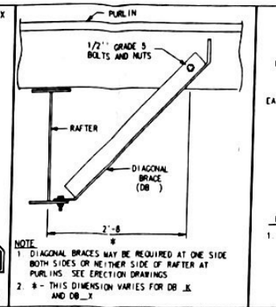


NOTE
1. SEE BOLT SCHEDULE FOR SIZE OF BOLTS

WINDBENT CONNECTIONS — AC10

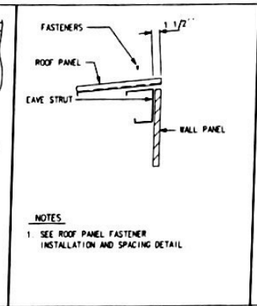


PURLIN OR GIRT LAP — AD01



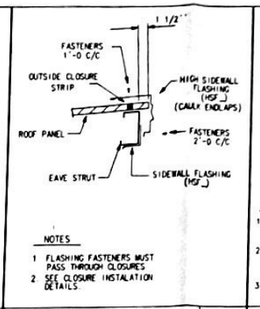
NOTE
1. DIAGONAL BRACES MAY BE REQUIRED AT ONE SIDE BOTH SIDES OR NEITHER SIDE OF RAFTER AT PURLINS. SEE ERECTION DRAWINGS
2. * - THIS DIMENSION VARIES FOR DB JK AND DB_X

DIAGONAL BRACE CONNECTION AT RAFTER — AD07



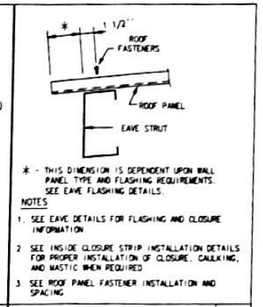
NOTES
1. SEE ROOF PANEL FASTENER INSTALLATION AND SPACING DETAIL

ROOF PANEL AT HIGH SIDE EAVE — AI01A



NOTES
1. FLASHING FASTENERS MUST PASS THROUGH CLOSURES
2. SEE CLOSURE INSTALLATION DETAILS

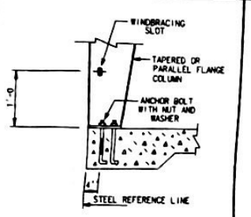
HIGH SIDEWALL AND EAVE STRUT FLASHING OPEN BELOW EAVE STRUT — AI19



* - THIS DIMENSION IS DEPENDENT UPON WALL PANEL TYPE AND FLASHING REQUIREMENTS. SEE EAVE FLASHING DETAILS.

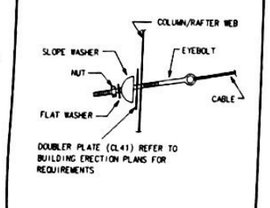
NOTES
1. SEE EAVE DETAILS FOR FLASHING AND CLOSURE INFORMATION
2. SEE INSIDE CLOSURE STRIP INSTALLATION DETAILS FOR PROPER INSTALLATION OF CLOSURE, CAULKING, AND MASTIC WHEN REQUIRED
3. SEE ROOF PANEL FASTENER INSTALLATION AND SPACING

ROOF PANEL EAVE DETAIL — AI27



NOTES
1. SEE ANCHOR BOLT SETTING PLANS FOR SIZE, QUANTITY, AND LOCATION OF ANCHOR BOLTS

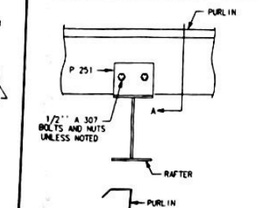
RIGID FRAME BASE WITH FLUSH GIRTS — AA06



DOUBLER PLATE (CL41) REFER TO BUILDING ERECTION PLANS FOR REQUIREMENTS

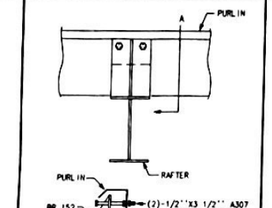
NOTES
1. FIELD WORK HOLE IN GIRTS ON FLUSH GIRT WALL SYSTEMS WHEN BRACING IS REQUIRED
2. DEFORM THREADS AFTER FINAL TIGHTENING

WINDBRACING CABLE CONNECTION TO COLUMN OR RAFTER WEB — AC01



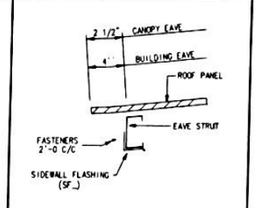
PCON1

PURLIN CONNECTION TO RAFTER WITH TWO BOLTS — AD03



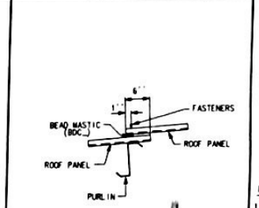
PCON 5 OR 6

PURLIN CONNECTION TO RAFTER (LIMITED ROLL) FIXED ROOFS — AD06



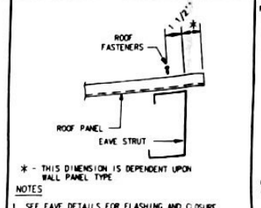
NOTES
1. FOR USE WITH GUTTER ONLY

SIDEWALL FLASHING ON BOTTOM OF EAVE STRUT — AI03 2



NOTES
1. SEE ROOF PANEL FASTENER INSTALLSTION AND SPACING DETAIL

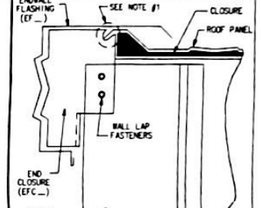
ROOF PANEL ENDLAP — AI13



* - THIS DIMENSION IS DEPENDENT UPON WALL PANEL TYPE

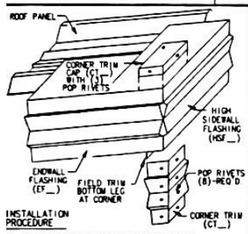
NOTES
1. SEE EAVE DETAILS FOR FLASHING AND CLOSURE INFORMATION
2. SEE OUTSIDE CLOSURE STRIP INSTALLATION DETAILS FOR PROPER INSTALLATION OF CLOSURE, CAULKING, AND MASTIC WHEN REQUIRED
3. SEE ROOF PANEL FASTENER INSTALLATION AND SPACING

ROOF PANEL HIGH SIDE DETAIL — AI28



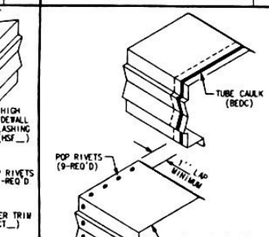
NOTE
1. FIELD WORK FILLER FLASHING AROUND ROOF PANEL

ENDWALL FLASHING FILLER DETAIL AT BUILDING CORNER — AI30

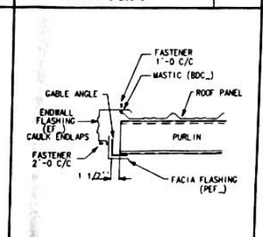


INSTALLATION PROCEDURE
1. INSTALL ENDWALL FLASHING SEE ENDWALL FLASHING DETAILS EXTEND TO FACE OF HIGH SIDEWALL FLASHING
2. INSTALL HIGH SIDEWALL FLASHING EXTEND TO FACE OF ENDWALL FLASHING
3. INSTALL CORNER TRIM AS SHOWN ABOVE
4. INSTALL CORNER TRIM CAP

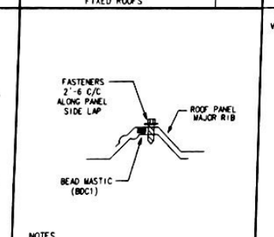
HIGH SIDEWALL CORNER WITH ENDWALL AND HIGH SIDEWALL FLASHING — AI33



ENDWALL FLASHING LAP — AI37

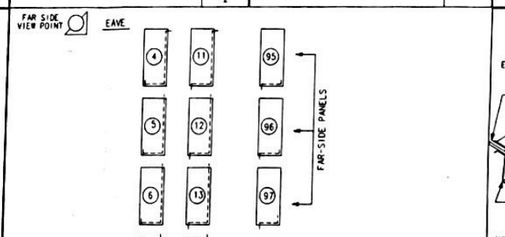


RAKE FLASHING AT OPEN ENDWALL OR PURLIN EXTENSION WITHOUT SOFFIT — AJ07



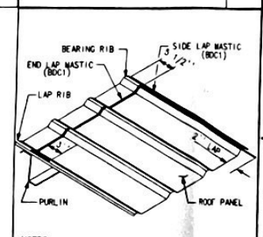
NOTES
1. BEAD MASTIC IS FOR USE WHEN REQUESTED AND FOR ROOFS SLOPING 1/2 12 OR LESS
2. LOCATE BEAD MASTIC ON THE OUTSIDE OF FASTENER LINE

ROOF SHADOW PANEL SIDE LAP WITH SIDE LAP MASTIC — AJ17



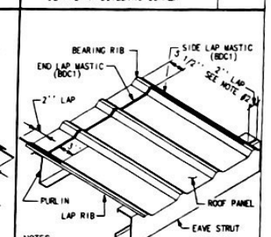
NOTES
1. DASH LINES DENOTE LINE OF MASTIC.
2. SEE MASTIC INSTALLATION DETAILS.
3. APPLY MASTIC ONE PANEL AT A TIME.
4. ERECT PANELS ON BOTH SIDES OF RIDGE AND INSTALL RIDGE PANELS IN THE ORDER SHOWN

ROOF PANEL LAYOUT AND END LAP /SIDE LAP MASTIC LOCATIONS — AJ20



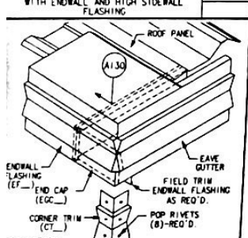
NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS
2. BEFORE INSTALLING ENDWALL FLASHING, APPLY A CONTINUOUS RUN OF MASTIC ALONG LAP RIB

MASTIC INSTALLATION FOR INTERMEDIATE PANELS (STARTING RUN-NEAR SIDE) — AJ22



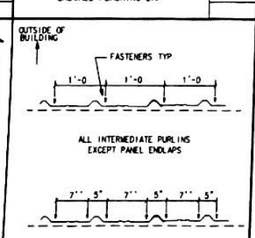
NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS
2. LAP MASTIC WITH TOP OF CLOSURE MASTIC SEE INSIDE CLOSURE INSTALLATION DETAILS

MASTIC INSTALLATION FOR EAVE PANEL (INTERMEDIATE RUNS-NEAR SIDE) — AJ25

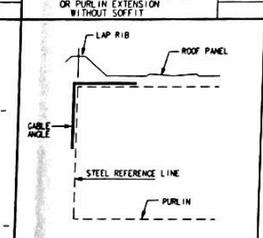


INSTALLATION PROCEDURE
INSTALL ENDWALL FLASHING SEE ENDWALL FLASHING DETAILS.
INSTALL END CLOSURE SEE DETAIL A130
INSTALL EAVE GUTTER END CAP SEE DETAIL G120
INSTALL EAVE GUTTER SEE EAVE GUTTER DETAILS
INSTALL CORNER TRIM AS SHOWN ABOVE.

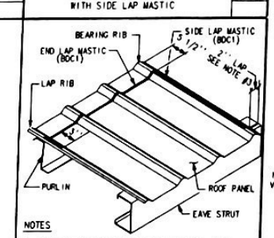
OUTSIDE CORNER DETAIL WITH EAVE GUTTER AND ENDWALL FLASHING — AI40



ROOF PANEL FASTENER INSTALLATION AND SPACING SHADOW PANEL — AJ01

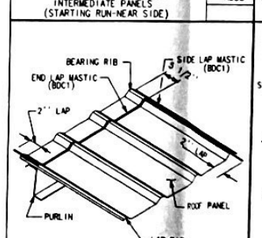


ROOF PANEL LOCATION FOR STARTING RUN AT RAKE — AJ19



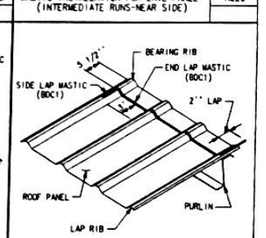
NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE. AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS
2. BEFORE INSTALLING ENDWALL FLASHING, APPLY A CONTINUOUS RUN OF MASTIC ALONG LAP RIB
3. LAP MASTIC WITH TOP OF CLOSURE MASTIC SEE INSIDE CLOSURE INSTALLATION DETAILS.

MASTIC INSTALLATION FOR EAVE PANEL (STARTING RUN-NEAR SIDE) — AJ21



NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE. AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS

MASTIC INSTALLATION FOR INTERMEDIATE PANELS (INTERMEDIATE RUNS-NEAR SIDE) — AJ26



NOTES
1. APPLY ALL MASTIC CONTINUOUS AS SHOWN ABOVE. AVOID GAPS BY OVERLAPPING MASTIC 2" AT MASTIC ENDS.
2. BEFORE INSTALLING ENDWALL FLASHING, APPLY A CONTINUOUS RUN OF MASTIC ALONG LAP RIB.

MASTIC INSTALLATION FOR ALL PANELS (ENDING RUN-FAR SIDE) — AJ30

DESIGN CRITERIA

(SEE SHT #2)

DRAWN BY: P.D.B. 2-20-13
CHECKED
APPROVED

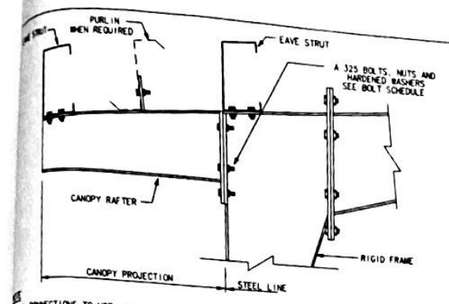
NO	DATE	REVISION

GULF STATES MANUFACTURERS, INC. STARKVILLE, MS

JOB NO. 252691

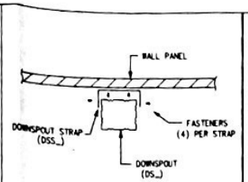
REVISION NO.

PAGE S 1

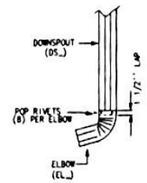


NOTES
ALL CONNECTIONS TO USE 1/2'' A 307 BOLTS AND NUTS UNLESS NOTED

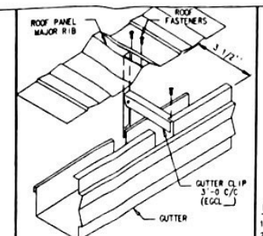
STRUCTURAL CANOPY CONNECTION AT RIGID FRAME EAVE WITH FLUSH GIRTS — CA12



DOWNSPOUT STRAP — GE04

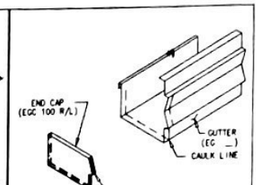


DOWNSPOUT ELBOW — GE05



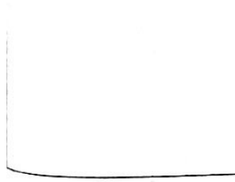
INSTALLATION PROCEDURE
1. PLACE EAVE GUTTER ON TOP OF ROOF PANELS FOR ALIGNMENT OF GUTTER CLIPS WITH PANEL RIB
2. ATTACH GUTTER CLIPS TO GUTTER AS SHOWN ABOVE
3. HANG GUTTER OVER EAVE AND FASTEN AS SHOWN ABOVE

EAVE GUTTER CLIP DETAIL AT SHADOW PANEL MAJOR RIB — GI17



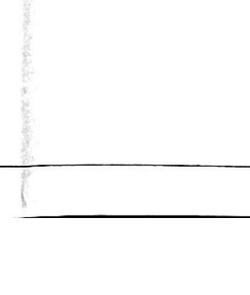
INSTALLATION PROCEDURE
1. APPLY TUBE CAULKING TO END CAP AS SHOWN ABOVE
2. PLACE END CAP INSIDE GUTTER WITH OUTSIDE OF END CAP BEING FLUSH WITH END OF GUTTER
3. FASTEN WITH POP RIVETS (10) AT 1 1/2'' CENTERS
4. CAULK POP RIVETS FROM INSIDE OF GUTTER
5. CAULK INSIDE EDGE OF END CAP WHERE IT JOINS GUTTER

GUTTER END CAP INSTALLATION DETAIL — GI20



END OVERHANG AT STRUCTURAL CANOPY — CB13

GUTTER OUTLET TO DOWNSPOUT — GE02

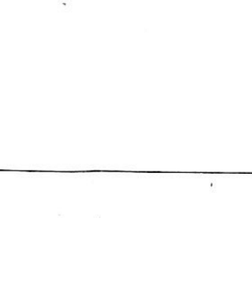


NOTES
1. SEE GUTTER OUTLET INSTALATION DETAIL (GE02)
2. SEE ELBOW INSTALATION DETAIL (GE05)
3. SEE DOWNSPOUT STRAP INSTALATION DETAIL (GE04)

CANOPY RETURN DOWNSPOUT — GE09

NOTE
1. APPLY A CONTINUOUS BEAD OF TUBE CAULKING AROUND THE OUTSIDE OF THE INSIDE PIECE OF GUTTER.
2. INSERT INSIDE GUTTER INTO OUTSIDE GUTTER
3. FASTEN WITH POP RIVETS (12) AT 1 1/2'' CENTERS

EAVE GUTTER LAP DETAIL — GI14



GUTTER CLIP LOCKING SPUR DETAIL — GI22 — 0

DESIGN CRITERIA
(SEE SHT #2)
DRAWN BY PLB
2.20.95
CHECKED
APPROVED

NO	DATE	REVISION

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REVISION NO.
PAGE S 2

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WALL LIGHT INSTALLATION DETAILS

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WALL LIGHT INSTALLATION DETAILS

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ROOF LIGHT INSTALLATION PROCEDURES

GULF STATES MANUFACTURERS, INC.

ROOF LIGHT AND INSULATED ROOF LIGHT INSTALLATION DETAILS

GULF STATES MANUFACTURERS, INC.

ROOF LIGHT INSTALLATION PROCEDURES
(UL90 WIND UPLIFT CLASSIFICATION)

GULF STATES MANUFACTURERS, INC.

UL90 ROOF LIGHT INSTALLATION DETAILS

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GULF STATES MANUFACTURERS, INC STARKVILLE, MS

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PAGE A15