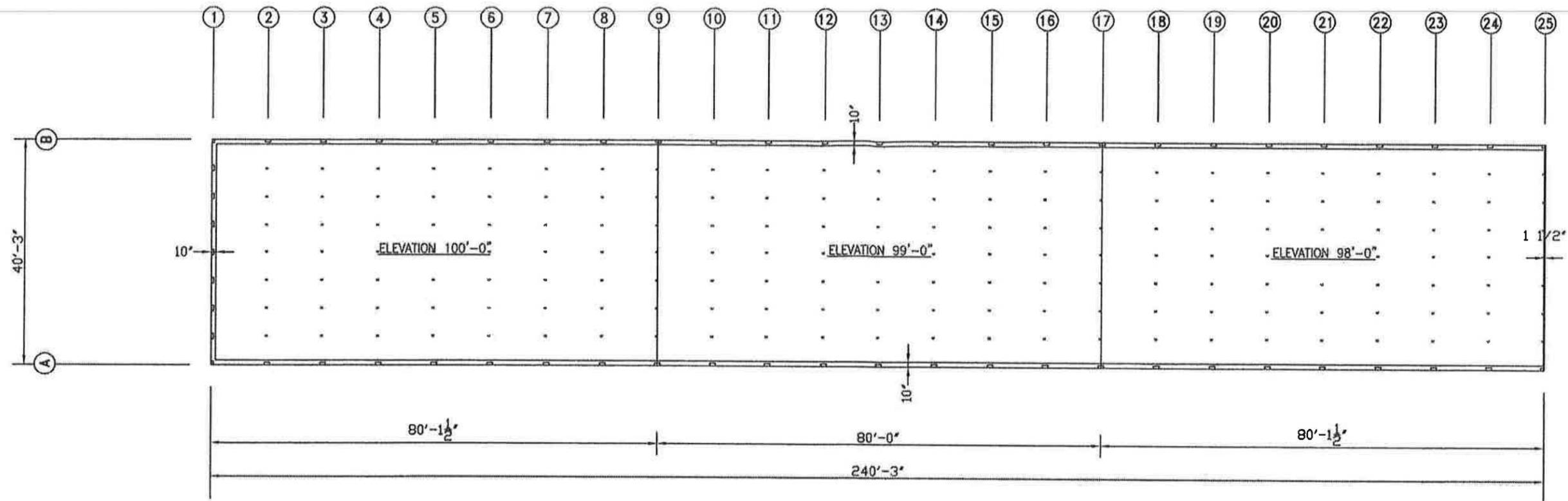


UNIT LAYOUT

MINI SYSTEMS, INC.			
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Fax: (888) 748-9504 SARDIS, MS 38666			
SCALE: NONE	APPROVED BY:	DRAWN BY: tc	
DATE: 6-3-13	<i>Tracy Crutcher</i>	REVISED:	
Tom Pavlik MILTON, WI		40'-0" x 240'-0" x 8'-6" Mini Storage	
ERECTION PLAN		JOB NO.	DRAWING NO. UI



SLAB PLAN

REACTION LOADS AT POST LOCATIONS

DL + LL + COL :	2000.0	LBS
DL + WL :	125.0	LBS
LONGITUDINAL HORIZONTAL WIND LOAD :	1748.4	LBS
LATERAL HORIZONTAL WIND LOAD :	10490.7	LBS

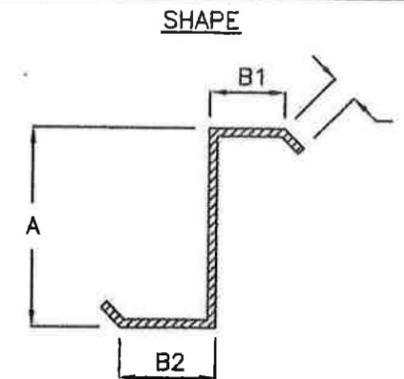
MINI SYSTEMS, INC.

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 Fax: (888) 748-9504 SARDIS, MS 38666

SCALE: NONE	APPROVED BY:	DRAWN BY: tc
DATE: 6-3-13	Tracy Crutcher	REVISED:
Tom Pavlik MILTON, WI	40'-0" x 240'-0" x 8'-6" Mini Storage	
ERECTION PLAN	JOB NO.	DRAWING NO. F1

COLD FORMED STEEL COMPONENTS YIELD STRENGTH = 57 KSI (TYP)

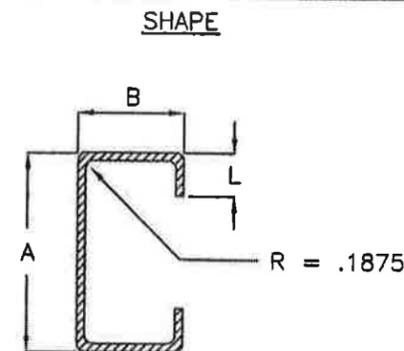
SECTION NAME	DIMENSIONS					SECTION PROPERTIES				
	GA	A	B1	B2	L	AREA IN ²	I _x IN ⁴	S _e IN ³	I _y IN ⁴	S _y IN ³
4 X 2.5 Z	16	4"	2½"	2½"	.90"	.61	1.54	.72	1.12	.39
4 X 2.5 Z	14	4"	2½"	2½"	.92"	.76	1.97	.95	1.40	.48
6 X 2.5 Z	16	6"	2½"	2½"	.90"	.73	3.95	1.23	1.12	.38
6 X 2.5 Z	14	6"	2½"	2½"	.92"	.91	5.05	1.63	1.40	.48
6 X 2.5 Z	12	6"	2½"	2½"	.97"	1.28	7.01	2.29	2.01	.68
8 X 2.5 Z	16	8"	2½"	2½"	.90"	.85	7.78	1.80	1.12	.38
8 X 2.5 Z	14	8"	2½"	2½"	.92"	1.06	9.94	2.41	1.40	.48
8 X 2.5 Z	12	8"	2½"	2½"	.97"	1.49	13.87	3.41	2.01	.68
10 X 2.5 Z	14	10"	2½"	2½"	.92"	1.21	16.95	3.30	1.40	.48
10 X 2.5 Z	12	10"	2½"	2½"	.97"	1.71	23.71	4.67	2.01	.67
12 X 2.5 Z	14	12"	2½"	2½"	.92"	1.36	25.94	3.92	1.40	.48
12 X 2.5 Z	12	12"	2½"	2½"	.97"	1.92	36.97	6.08	2.01	.67



1. I_x is for deflection determination
 2. S_e is for bending
 3. S_y and I_y are for full section.
- Sectional Properties are taken from the LGS Handbook 2/95-35M

COLD FORMED STEEL COMPONENTS YIELD STRENGTH = 57 KSI (TYP)

SECTION NAME	DIMENSIONS				SECTION PROPERTIES				
	GA	A	B	L	AREA IN ²	I _x IN ⁴	S _e IN ³	I _y IN ⁴	S _y IN ³
4 X 2 C	16	4"	2"	.75"	.56	1.39	.68	.34	.27
4 X 2.5 C	16	4"	2½"	.75"	.61	1.58	.69	.55	.35
4 X 2.5 C	14	4"	2½"	.78"	.76	1.98	.90	.68	.43
4 X 4 C	16	4"	4"	.75"	.79	1.94	.80	1.71	.71
4 X 4 C	14	4"	4"	.78"	.98	2.49	1.04	2.12	.89
6 X 4 C	16	6"	4"	.75"	.91	4.84	1.35	1.98	.76
6 X 4 C	14	6"	4"	.78"	1.14	6.18	1.76	2.46	.94
8 X 2.5 C	16	8"	2½"	.75"	.85	7.94	1.75	.70	.38
8 X 2.5 C	14	8"	2½"	.78"	1.06	9.98	2.30	.87	.47
8 X 2.5 C	12	8"	2½"	.84"	1.49	13.90	3.47	1.22	.66
10 X 4 C	14	10"	4"	.78"	1.44	19.65	3.33	2.92	1.01
10 X 4 C	12	10"	4"	.84"	2.03	30.17	5.32	4.12	1.42
12 X 4 C	16	12"	4"	.47"	1.18	25.45	4.24	2.04	.66
12 X 4 C	14	12"	4"	.78"	1.59	29.30	4.05	3.09	1.03

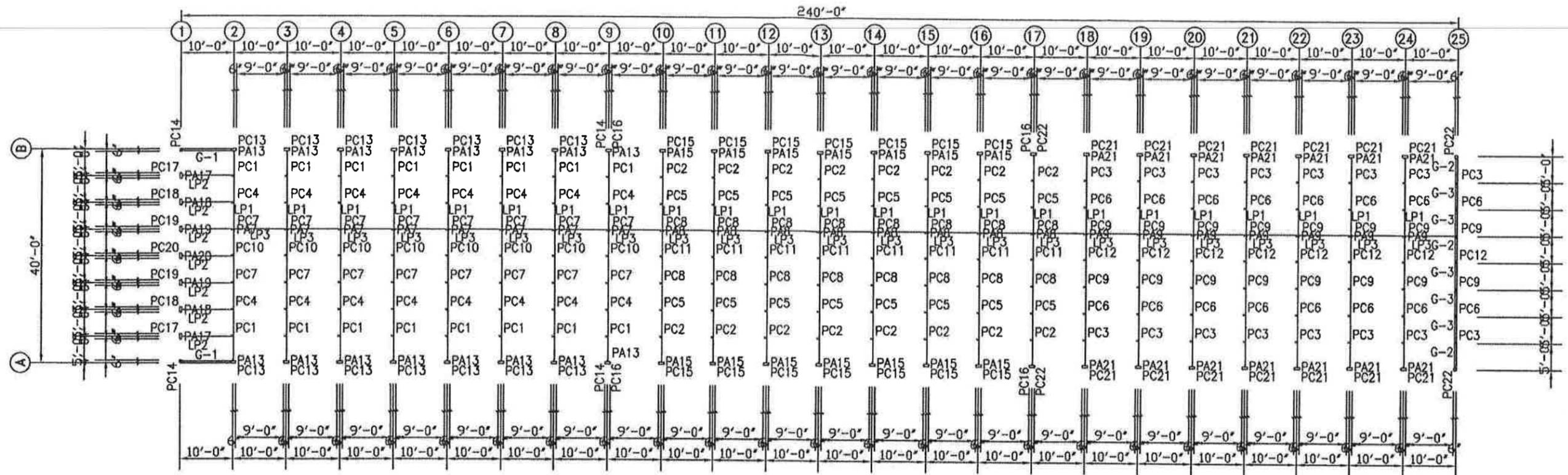


1. I_x is for deflection determination
 2. S_e is for bending
 3. S_y and I_y are for full section.
- Sectional Properties are taken from the LGS Handbook 2/95-35M
 Except for the Sectional Properties for the 12 x 4 C 16ga which are Supplied by MBCI.

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SCALE: NONE	APPROVED BY:	DRAWN BY: tc
DATE: 6-3-13	<i>Tracy Crutcher</i>	REVISED:
Tom Pavlik MILTON, WI	40'-0" x 240'-0" x 8'-6" Mini Storage	
ERECTION PLAN	JOB NO.	DRAWING NO. D2



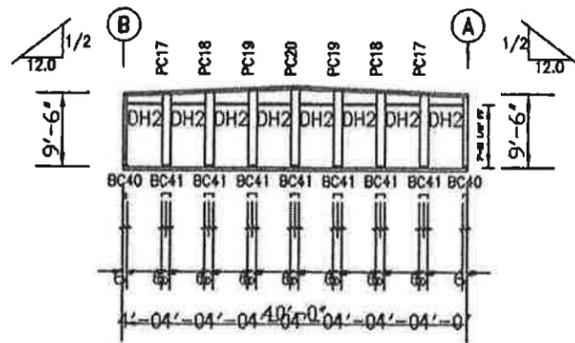
FLOOR PLAN

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MEMBER TABLE		MEMBER TABLE		MEMBER TABLE		MEMBER TABLE	
MARK	MEMBER	MARK	MEMBER	MARK	MEMBER	MARK	MEMBER
PC1	4x2.0 C 16 Ga - 9'-8 1/2"	PC8	4x2.0 C 16 Ga - 11'-1 1/2"	PC15	12X4 C 16 Ga - 10'-7"	PC21	12X4 C 16 Ga - 11'-7"
PC2	4x2.0 C 16 Ga - 10'-8 1/2"	PC9	4x2.0 C 16 Ga - 12'-1 1/2"	PC16	6X4 C 16 Ga - 10'-7"	PC22	6X4 C 16 Ga - 11'-7"
PC3	4x2.0 C 16 Ga - 11'-8 1/2"	PC10	4x2.0 C 16 Ga - 10'-4"	PC17	12X4 C 16 Ga - 9'-5 1/2"	G2	4x2.0 C 16 Ga - 4'-7"
PC4	4x2.0 C 16 Ga - 9'-11"	PC11	4x2.0 C 16 Ga - 11'-4"	PC18	12X4 C 16 Ga - 9'-8"	G3	4x2.0 C 16 Ga - 4'-9"
PC5	4x2.0 C 16 Ga - 10'-11"	PC12	4x2.0 C 16 Ga - 12'-4"	PC19	12X4 C 16 Ga - 9'-10 1/2"	LP1	U Panel 29 Ga Glume - 39'-3"
PC6	4x2.0 C 16 Ga - 11'-11"	PC13	12X4 C 16 Ga - 9'-7"	PC20	12X4 C 16 Ga - 10'-1"	LP2	U Panel 29 Ga Glume - 9'-7"
PC7	4x2.0 C 16 Ga - 10'-1 1/2"	PC14	6X4 C 16 Ga - 9'-7"	G1	4x2.0 C 16 Ga - 9'-1"	LP3	U Panel 29 Ga Glume - 9'-10"

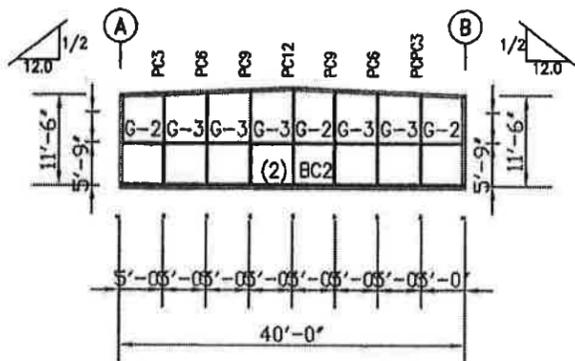
SCALE: NONE	APPROVED BY: <i>Tracy Crutcher</i>	DRAWN BY: tc
DATE: 6-3-13	REVISIONS:	
Tom Pavlik MILTON, WI		40'-0" x 240'-0" x 8'-6" Mini Storage
ERECTION PLAN	JOB NO.	DRAWING NO. E1



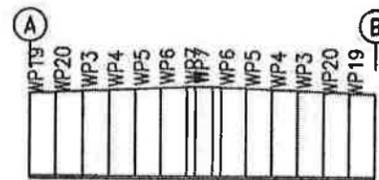
LEFT ENDWALL FRAMING



LEFT ENDWALL SHEETING



RIGHT ENDWALL FRAMING



RIGHT ENDWALL SHEETING

MINI SYSTEMS, INC.

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SCALE: NONE	APPROVED BY: <i>Tracy Crutcher</i>	DRAWN BY: tc
DATE: 6-3-13	REVISED:	
Tom Pavlik MILTON, WI	40'-0" x 240'-0" x 8'-6" Mini Storage	
ERECTION PLAN	JOB NO.	DRAWING NO. E4

MEMBER TABLE

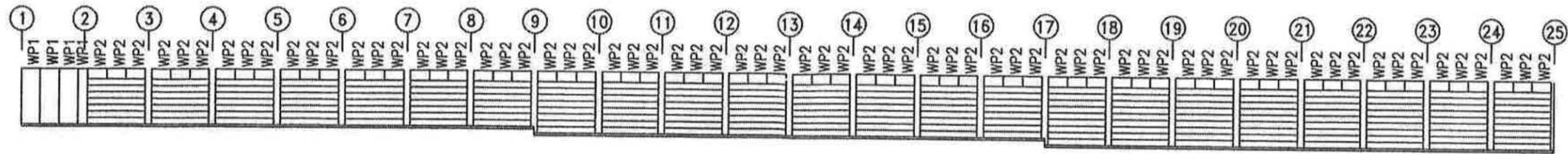
MARK	MEMBER
DH2	4x2.0 C 16 Ga - 3'-11"
G2	4x2.0 C 16 Ga - 4'-7"
G3	4x2.0 C 16 Ga - 4'-9"
1	4'-0" x 8'-0" Door M650

MEMBER TABLE

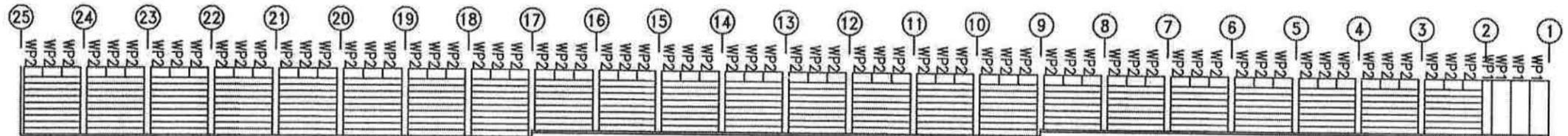
MARK	MEMBER
WP-19	PBR Panel 26 Ga Sig 200 - 11'-6 1/2"
WP-20	PBR Panel 26 Ga Sig 200 - 11'-8 1/2"
WP-3	PBR Panel 26 Ga Sig 200 - 11'-10"
WP-4	PBR Panel 26 Ga Sig 200 - 11'-11 1/2"
WP-5	PBR Panel 26 Ga Sig 200 - 12'-1"
WP-6	PBR Panel 26 Ga Sig 200 - 12'-2 1/2"
WP-7	PBR Panel 26 Ga Sig 200 - 12'-4"

MEMBER TABLE

MARK	MEMBER
WP-2	PBR Panel 26 Ga Sig 200 - 1'-6 1/2"
WP-12	PBR Panel 26 Ga Sig 200 - 1'-8 1/2"
WP-13	PBR Panel 26 Ga Sig 200 - 1'-10"
WP-14	PBR Panel 26 Ga Sig 200 - 1'-11 1/2"
WP-15	PBR Panel 26 Ga Sig 200 - 2'-1"
WP-16	PBR Panel 26 Ga Sig 200 - 2'-2 1/2"
WP-17	PBR Panel 26 Ga Sig 200 - 2'-4"



FRONT SIDEWALL SHEETING



BACK SIDEWALL SHEETING

MINI SYSTEMS, INC.

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SCALE: NONE	APPROVED BY: <i>Tracy Crutcher</i>	DRAWN BY: tc
DATE: 6-3-13	REVISOR:	
Tom Pavlik MILTON, WI		40'-0" x 240'-0" x 8'-6" Mini Storage
ERECTION PLAN	JOB NO.	DRAWING NO. E5

MEMBER TABLE

MARK	MEMBER
WP1	PBR PANEL 26 Ga SIG200 - 9'-6 1/2"
WP2	PBR PANEL 26 Ga SIG200 - 1'-6 1/2"

GENERAL NOTES:

1. Contractor shall verify all dimensions and conditions at the job site before commencing work, and shall report any discrepancies to MINI SYSTEMS.
2. Omissions or conflicts between various elements of the drawings, notes, and details shall be brought to the attention of MINI SYSTEMS before proceeding with the work.
3. Do Not Scale Dimensions from the drawings. Where no dimension is provided, consult MINI SYSTEMS prior to proceeding with the work.
4. Details shown shall be incorporated into the project at all appropriate locations whether specifically referenced at all such locations or not.
5. No additions or alterations shall be made to drawings without the permission of MINI SYSTEMS, except as noted under the section listed as (APPROVAL NOTES).
6. The Structure under this contract has been designed and detailed for the LOADS and Conditions stipulated in the contract and shown on these drawings, any Alterations to the Structural System or Removal of any Component Parts, or the addition of other construction materials or Loads must be done under the Advice and direction of a REGISTERED ARCHITECT, CIVIL, or STRUCTURAL Engineer Mini Systems will assume NO RESPONSIBILITY for any LOADS not Indicated.
7. This Metal Building is Designed with Mini Systems Standard Practices which are based on Pertinent Procedures and Recommendations of the following Organizations and Codes.
 - A) AMERICAN IRON AND STEEL INSTITUTE: "Specification for the Design of Cold Formed Steel Structural Members"
 - B) METAL BUILDING MANUFACTURER'S ASSOCIATION: "Low Rise Building Systems Manual"
 - C) INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS: "(U.B.C.) Uniform Building Code"
 - D) SOUTHERN BUILDING CODE CONGRESS INTERNATIONAL: "(S.B.C.) Standard Building Code"
 - E) BUILDING OFFICIAL AND CODE ADMINISTRATORS INTERNATIONAL: "(B.O.C.A.) Basic Building Code"

APPROVAL NOTES:

THE FOLLOWING CONDITIONS APPLY IN THE EVENT THAT THESE DRAWINGS ARE USED AS APPROVAL DRAWINGS.

1. It is Imperative that any changes to these drawings
 - A.) Be made in Contrasting INK
 - B.) Be Legible and Unambiguous
 - C.) Have ALL instances of change CLEARLY indicated
 - D.) Be returned to Mini Systems, Inc. within Five (5) working days of changes being made
2. Dated Signature is Required on ALL PAGES
3. Mini Systems Reserves the Right to Re-Submit Drawings with Extensive or Complex Changes Required to avoid misfabrication. THIS MAY IMPACT THE DELIVERY SCHEDULE.
4. APPROVAL of these drawings Indicates Conclusively that Mini Systems has Correctly Interpreted the Contract Requirements and Further Constitutes Agreement that the Building as Drawn, or as Drawn with Indicated Changes represents the Totality of the Materials to be Supplied by Mini Systems.
5. Any changes noted on the Drawings Not in Conformance with the Terms and Requirements of the Contract between Mini Systems and its Customers are not Binding on Mini Systems. Unless Subsequently Specifically Acknowledged and Agreed to in Writing by Change Order or Separate Documentation.

Mini Systems recognizes that rubber stamps are routinely used for indicating Approval, Disapproval, Rejection, or Merit Review of the Drawings Submitted. However, Mini Systems Does Not Accept Changes or Additions to Contractual Terms and Conditions that May Appear with the Use of a Stamp or Similar Indication of Approval, Disapproval, ETC., Such language Applied to Mini Systems Drawings by the Customer, Architect, Engineer, or Any Other Party will be Considered as Unacceptable Alterations to these Drawing Notes, and Will Not Alter the Contractual Rights and Obligations Existing Between Mini Systems and its Customer.

BUILDER / CONTRACTOR RESPONSIBILITIES:

1. It's the responsibility of the Builder / Contractor to insure that all project plans and specifications comply with the applicable requirements of any Governing Building Authorities. The supplying of Sealed Drawings and/or Engineering Data for the Metal System DOES NOT IMPLY or CONSTITUTE an AGREEMENT that Mini Systems or its Design Engineer is Acting as The Engineer of Record or The Design Professional for a Construction Project.
2. Approval of Mini Systems drawings Indicate's that Mini Systems Has Correctly Interpreted and applied the Requirements of the Contract.
3. Design Considerations of any Materials in the Structure which ARE NOT Furnished by Mini Systems are the Responsibility of the Contractors and Engineers, other than Mini Systems Engineers Unless Specifically Indicated.
4. The Contractor is Responsible for all Erection of Steel and Associated work in Compliance with Mini Systems "FOR CONSTRUCTION" Drawings, Mini Systems will Assume NO Responsibility or Liability for Improperly Erected or Installed Material.
5. Products Shipped to the Builder or his Customer Shall be Inspected By the Builder or his Customer IMMEDIATELY Upon Arrival. Claims for Shortages or Defective Material must be Mailed to Mini Systems in Writing Within Three (3) Days After Receipt of the Shipment. However, if a Defect is of such a nature that Reasonable Visual Inspection would Fail to Disclose it, Then the Claim must be made within Three (3) Days after the Builder learns of the Defect. (Unless the Builder works for Mini Systems in which case The Builder Must call in and fax a copy of the Shortage and/or of the Defective Material within ONE (1) day of receipt). Mini Systems will not be Liable for any Defect unless Claim is made within ONE (1) Year after the Date of the Original Shipment By Mini Systems to the Builder or his Customer. Mini Systems Will Be Given a Reasonable Opportunity to Inspect Defective Materials upon receipt of a Claim by the Builder or his Customer.
6. If a Defect is of such a Nature that it can be Remedied by a Field Operation at the job site without the necessity of returning the material to Mini Systems, Then upon Written Authorization by Mini Systems the Builder or his Customer may repair or cause the Material to be repaired and Mini Systems will reimburse the Builder or his Customer the cost of the repair in accordance with the written Authorization.
7. All bracing as shown and provided by Mini Systems for this Building is required and shall be installed by the Erector as a permanent part of the Structure, unless otherwise Specified.
8. Temporary supports, such as temporary guys, braces, falsework, cribbing or other elements required for the erection operation will be determined and furnished and installed by the erector. These temporary supports will secure the steel framing, or any partly assembled steel framing against loads comparable in intensity to those for which the structure was designed, resulting from wind, seismic forces and erection operations, but not the loads resulting from the performance of work by or acts of others, nor such unpredictable loads as those due to Tornado, Explosion, or Collision.

MINI SYSTEMS, INC.

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SCALE: NONE	APPROVED BY:	DRAWN BY: tc
DATE: 6-3-13	Tracy Crutcher	REVISED:
Tom Pavlik MILTON, WI	40'-0" x 240'-0" x 8'-6" Mini Storage	
ERECTION PLAN	JOB NO.	DRAWING NO. G1

GENERAL

The following plans are presented as a guide for installation of a your self storage building. These details may not be suitable for all the building designs or conditions.

Throughout these plans, products are specified per Mini Systems recommended use and application of these products. The use of these products should not vary from these recommendations, or should not be applied using another manufacturer's specifications or guidelines. If you have any questions about any of the products and their appropriate applications, please call Mini Systems at 1-888-MY1-MINI (1-888-691-6464).

Prior to installing materials, all dimensions should be verified by field measurements.

All framing members will have a Red Oxide finish unless noted.

Some notching, punching, and coping of secondary framing members may be necessary in the field.

Use temporary bracing during erection until the roof and wall sheathing is attached. Temporary bracing is not supplied by Mini Systems.

Consult Mini Systems for any additional information not outlined in these plans.

SAFETY

Study applicable OSHA and other safety requirements before starting construction.

The installation of metal roof and wall systems are dangerous procedures and should be supervised by trained, knowledgeable erectors. Use extreme care while installing panels. It is not possible for Mini Systems to be aware of all the job site situations that could cause an unsafe condition to exist. The erector is responsible for reading these plans and determining the safest way to erect the self storage building.

These plans are provided only as a guide to show a knowledgeable, trained erector the correct parts placement one to another. If any of the following installation steps would endanger a worker, the erector should stop and decide upon a corrective action.

Do not stand on the roof panel at the ends until the roof panel has been attached with fasteners.

RECEIVING MATERIAL

It is the responsibility of the customer to arrange for unloading of material from the delivery truck or trucks. The customer shall be responsible for arranging suitable equipment for unloading of material from the delivery truck or trucks.

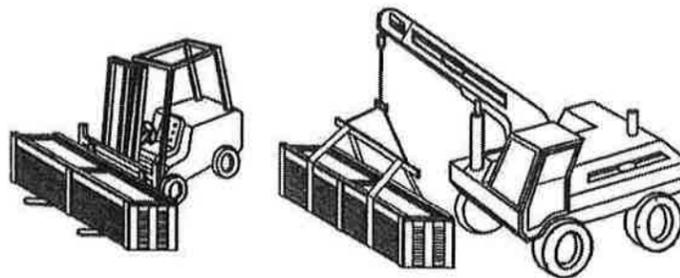
After receiving material, check their condition and review the shipment against the shipping list to ensure all materials are accounted for. If damages or shortages are discovered, it should be noted on the bill of lading at the time of delivery. Mini Systems is not responsible for any damages or shortages unless they are presented within 48 hours of delivery.

HANDLING

Each bundle should be handled carefully to avoid being damaged. Care should be taken to prevent bending of the panel or abrasion to the finish. Whenever possible, the bundle should remain crated until it is located in its place of storage. If a bundle must be opened, we recommend you recreate them before lifting. To avoid damage, please lift the bundle at its center of gravity.

A forklift may be used for panels up to 20' long. Please make sure the forks are at their maximum separation. Do not transport open bundles across rough terrain, or over a long distance. Some means of supporting the panel load must be used.

A crane should be used when lifting panels with lengths greater than 20'. Please be sure to utilize a spreader bar to ensure the even distribution of the weight to pick up points. As a rule, when lifting panels, no more than 1/3 of the length of the panel should be left unsupported. Never use wire rope because this will damage the panels.

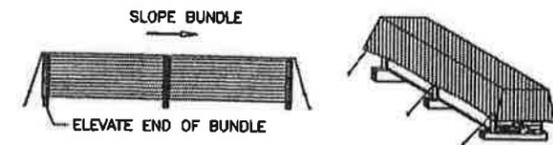


STORAGE (Cont.)

Mini Systems recommends covering the bundle with a tarpaulin. Do not use tight fitting plastic-type tarpaulins as panel bundle covers. While they may provide protection against heavy downpours, they can also prevent necessary ventilation and trap heat and moisture. If panels are to be stored in possible bad weather, we suggest they be stored inside. Extended storage of panels in a bundle is not recommended. Under no circumstances should the sheets be stored near or come in contact with salt water, corrosive chemicals, ash or fumes generated or released inside the building or from nearby plants, foundries, plating works, kilns, fertilizers, and wet or green lumber.

Bundled purlins should be stored sufficiently enough off the ground to allow air circulation and prevent contact with ponding water. If possible, elevate one end of the bundle to allow any moisture to run off the materials.

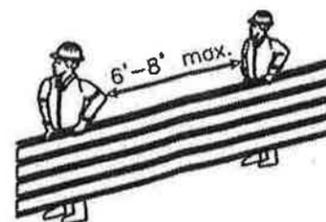
Extended storage of purlins in a bundle is not recommended. Under no circumstances should the purlins be exposed or stored near any fertilizers, acids, alkalis, in any corrosive atmosphere, or near any corrosive agents.



When using unpainted galvalume, care should be taken to prevent staining of the material. Clean gloves should be worn at all times to prevent a reaction with the salts found on bare skin. Installers should wear rubber sole shoes to keep from scuffing material while on the roof.

Handling of individual panels should be done carefully and properly to avoid bending or damaging. A panel should be carried by grasping the edge of the panel so that it is parallel to the ground. The panels should not be carried with the panels perpendicular to the ground as this could cause the panels to buckle or bend in the center.

Normally, individual panels can be handled by people placed every 6' to 8' along the length of the panel.



STORAGE

Please inspect panels for moisture accumulation. If moisture has formed, the panels should be unbundled, wiped dry, and allowed to dry completely. Once dry, carefully restack the panels and loosely recover allowing for ample air circulation.

Bundled sheets should be stored high enough off the ground to allow for air circulation and prevent contact with accumulating water. If possible, elevate one end of the bundle to allow any moisture to run off the panels.

CORRECT FASTENING METHOD

CORRECT	TOO LOOSE	TOO TIGHT
SEALING MATERIAL SLIGHTLY VISIBLE AT EDGE OF METAL WASHER. ASSEMBLY IS WATERTIGHT.	SEALING MATERIAL IS NOT VISIBLE; NOT ENOUGH COMPRESSION TO SEAL PROPERLY.	METAL WASHER DEFORMED SEALING MATERIAL PRESSED BEYOND WASHER EDGE.

SEE DETAIL PAGES FOR FOR PANEL FASTENER PATTERNS AND CONSTRUCTION DETAILS.

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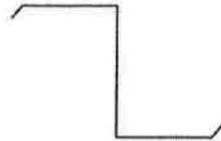
SCALE: NONE	APPROVED BY:	DRAWN BY: tc
DATE: 6-3-13	Tracy Crutcher	REVISED:
Tom Pavlik MILTON, WI	40'-0" x 240'-0" x 8'-6" Mini Storage	
ERECTION PLAN	JOB NO.	DRAWING NO. G2

FRAMING MEMBERS

FASTENERS



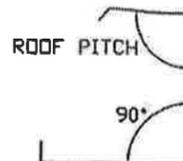
EAVE CHANNEL
PART: EC**



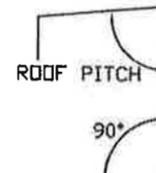
ZEE PURLIN
PART: P**



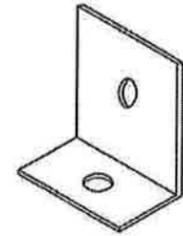
CEE POST
PART: PC** / G** / DH** / JB**



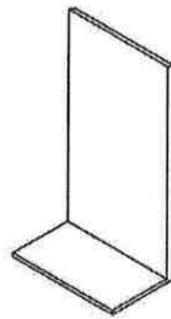
EAVE STRUT
Part: ES**



RIDGE PURLIN
Part: RP**



BASE CLIP
Part: MS136
12 ga. GALVANIZED



GIRT/HEADER CLIP
Part: HW276
14 ga. GALVANIZED



4" x 2" ANGLE
Part: RA**



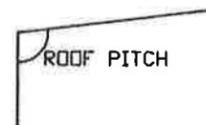
2" x 2" x 2" OFC
Part: PA**



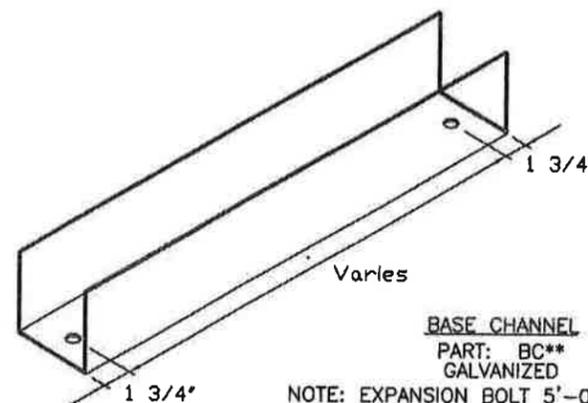
3" x 3" x 2" BASE CHANNEL
Part: BC**



PITCH MAKER
PART: PM
16 ga.
0'-4" LONG



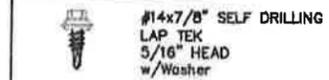
4" x 2" ANGLE
Part: SA**
14 ga.



BASE CHANNEL
PART: BC**
GALVANIZED

NOTE: EXPANSION BOLT 5'-0" MAX. O.C.
(MINIMUM OF 2 EXPANSION BOLTS
PER PIECE OF BASE CHANNEL)

ROOF PANEL (NON-STANDING SEAM)



RLF-2
CARBON STEEL

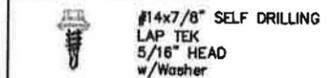
RLF-1 (STANDARD)
LONG LIFE



RSF-3
CARBON STEEL

RSF-4 (STANDARD)
LONG LIFE

WALL PANEL



WLF-2 (STANDARD)
CARBON STEEL

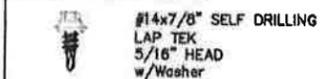
WLF-1 (DELUXE)
LONG LIFE
USE WITH KYNAR PANELS ONLY



WSF-3 (STANDARD)
CARBON STEEL

WSF-4 (DELUXE)
LONG LIFE
USE WITH KYNAR PANELS ONLY

TRIM



TLF-2 (STANDARD)
CARBON STEEL

TLF-1 (DELUXE)
LONG LIFE
USE WITH KYNAR TRIMS ONLY



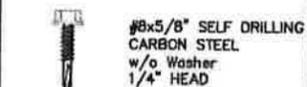
TSF-3 (STANDARD)
CARBON STEEL

TSF-4 (DELUXE)
LONG LIFE
USE WITH KYNAR TRIMS ONLY



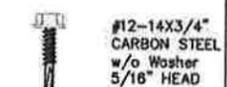
TSF-5

LINER



LSF-1

FRAMING



FSF-1

MISC.

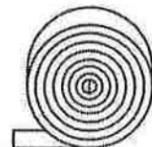


POP RIVET
1/8" x 3/16"
Stainless Steel, Pointed

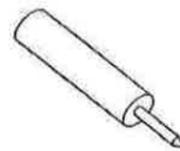
ACCESSORIES



ANCHOR BOLT
(1/2" x 2 3/4")



TAPE SEALANT
(1/2" x 3/32" x 50')



TUBE CAULK
10.3 oz. (GRAY)



PBR-PANEL INSIDE CLOSURE
(1" x 3'-0") Synthetic Rubber



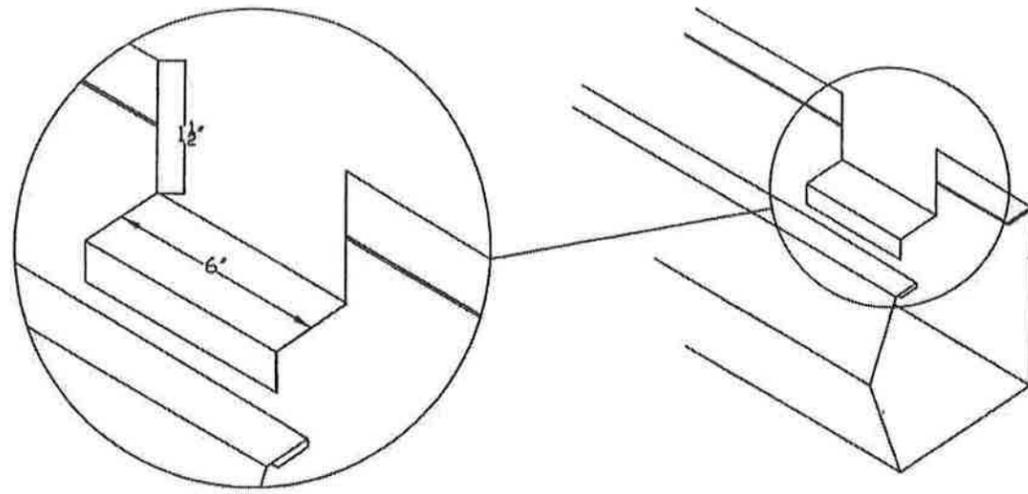
PBR-PANEL OUTSIDE CLOSURE
(1" x 3'-0") Synthetic Rubber

MINI SYSTEMS, INC.

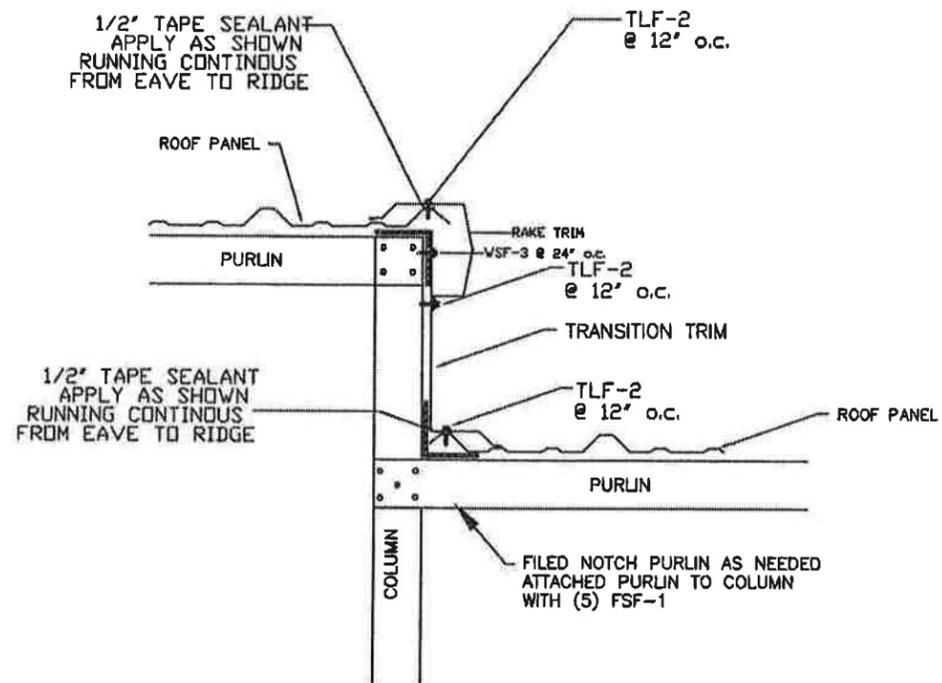
Bus: (888) MY-1-MINI P.O. Box 520
Fax: (888) 748-9504 SARDIS, MS 38668

SCALE: NONE	APPROVED BY:	DRAWN BY: tc
DATE: 6-3-13	Tracy Crutcher	REVISED:
Tom Pavlik MILTON, WI		40'-0" x 240'-0" x 8'-6" Mini Storage
ERECTION PLAN		JOB NO. DRAWING NO. ISSUE
		G3

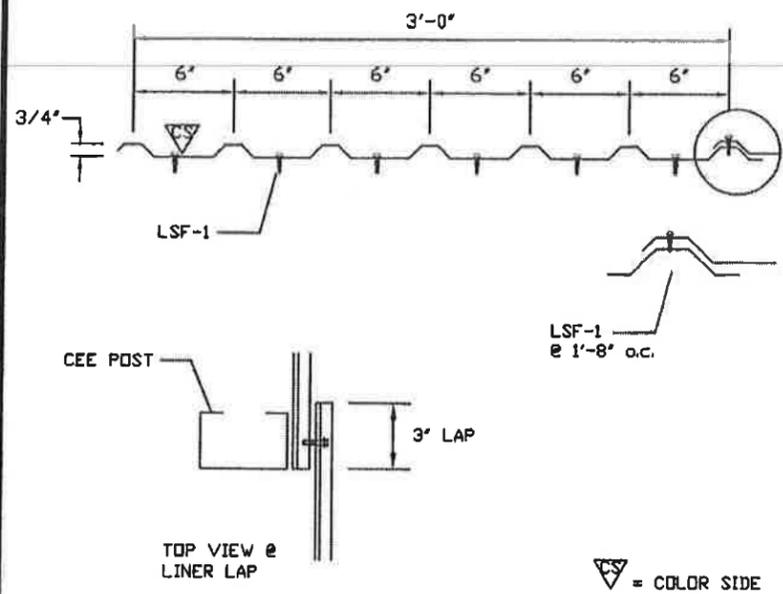
GUTTER OVERFLOW - FIELD NOTCH @ 10'-0" O.C.
 GUTTER OVERFLOW IS NOT REQUIRED WHEN IT FALLS AT DOWNSPOUT LOCATION



T
D16 OPTIONAL GUTTER OVERFLOW DETAIL



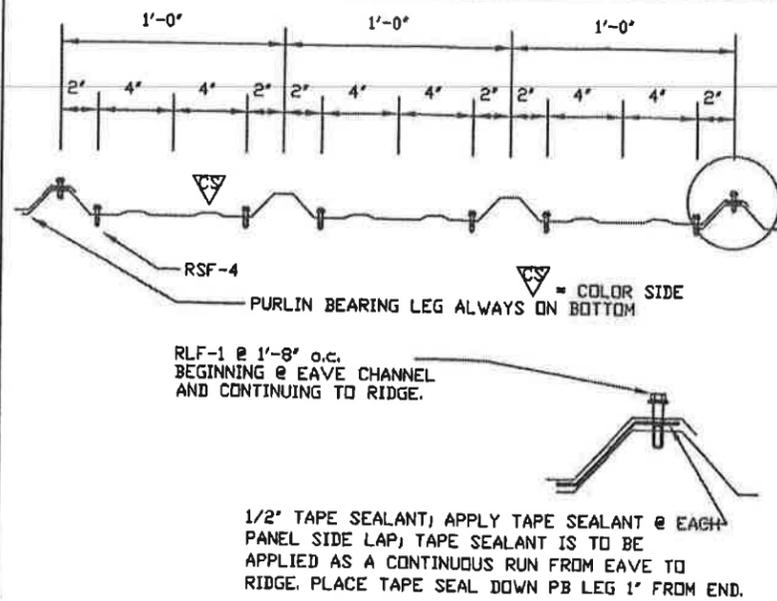
T
D17 STEP DOWN RAKE DETAIL
TO TRANSITION TRIM



P
D1 'PBU' LINER PANEL
FASTENER PATTERN

PARTITION ANGLES ARE FASTENED 6' o.c. WITH LSF-1.

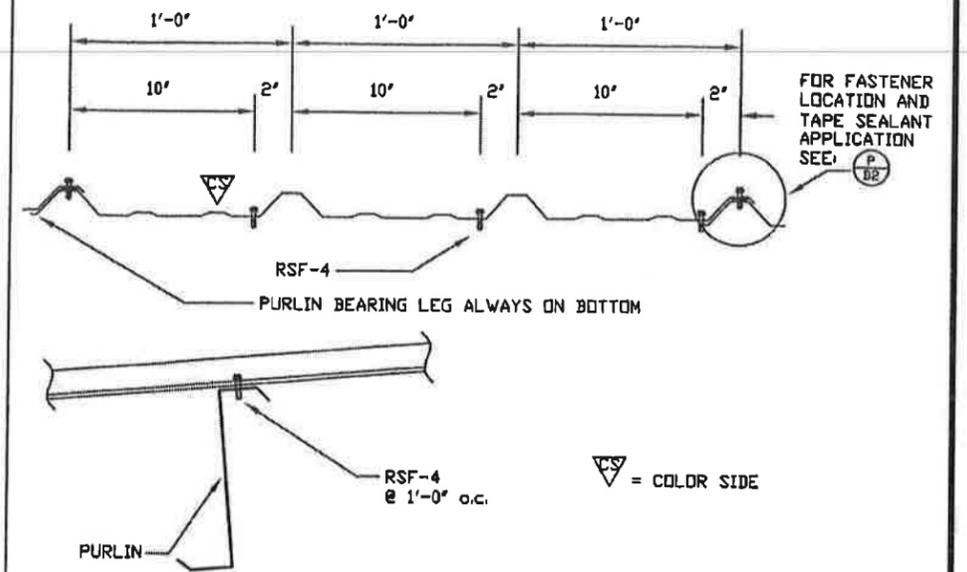
BUILDING OVER 45' WIDE WILL HAVE MULTIPLE PARTITION PANELS. BUILDINGS UNDER 45' WILL BE ONE PIECE PARTITION PANELS.



P
D2 'PBR' ROOF PANEL FASTENER LOCATION
EAVE, ENDLAP & RIDGE PURLIN

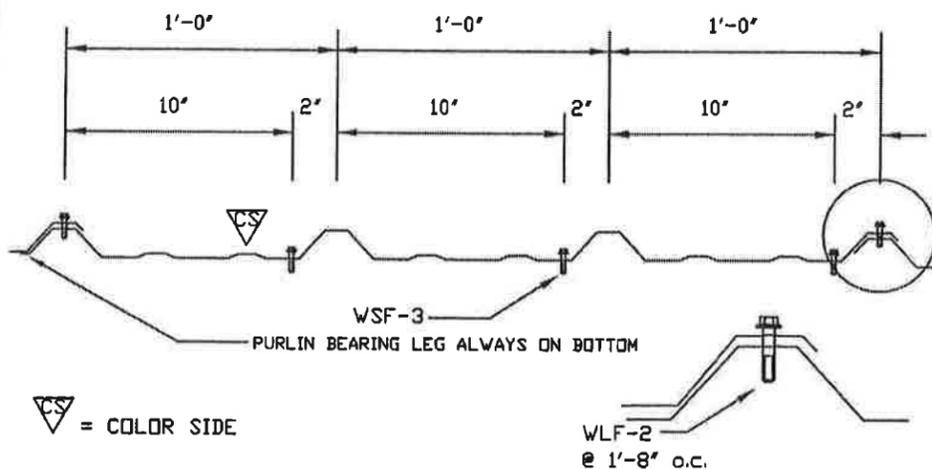
SEE P D3 FOR INTERMEDIATE PURLIN FASTENERS

TO BE USED WITH WIND ZONES UNDER 110 MPH

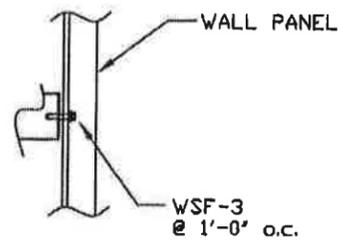


P
D3 'PBR' ROOF PANEL FASTENER PATTERN
@ INTERMEDIATE PURLINS

TO BE USED WITH WIND ZONES UNDER 110 MPH



P
D4 'PBR' WALL PANEL
FASTENER PATTERN



DRAWING INDEX											
DESCRIPTION	PAGE										ISSUE
DESIGN LOADS	D1	D2									0
GENERAL NOTES	G1	G2	G3								0
FOUNDATION PLAN	F1										0
UNIT LAYOUT	U1										0
FLOOR COLUMN LAYOUT	E1										0
ROOF FRAMING PLAN	E2										0
SIDEWALL ELEVATIONS	E3										0
ENDWALL ELEVATIONS	E4										0
SIDEWALL SHEETING ELEVATIONS	E5										0
ENDWALL SHEETING ELEVATIONS	E4										0
STRUCTURAL DETAILS	S1	S2	S3	S4	S5	S6					0
TRIM DETAILS	T1	T2	T3	T4							0
PANEL DETAILS	P1										0
											0
											0

MINI SYSTEMS, INC.		
Bus: (888) MY-1-MINI P.O. Box 520		
Fax: (888) 748-9504 SARDIS, MS 38666		
SCALE: NONE	APPROVED BY:	DRAWN BY: tc
DATE: 6-3-13	<i>Tracy Crutcher</i>	REVISED:
Tom Pavlik MILTON, WI	40'-0" x 240'-0" x 8'-6" Mini Storage	
ERECTION PLAN	JOB NO.	DRAWING NO. ISSUE
		U1

BUILDING DESCRIPTION:

WIDTH: LENGTH: EVE HEIGHT: ROOF PITCH
40' x 240'' x 9'-6" 1/2:12

DESIGN LOADS		
BUILDING CODE:	WISC-2002	
DEAD LOAD:	2.50	PSF
ROOF LIVE LOAD:	20.00	PSF
COLLATERAL LOAD:	0.00	PSF
GROUND SNOW LOAD:	42	PSF
ROOF SNOW LOAD:	30	PSF
WIND LOAD:	90	MPH
WIND EXPOSURE:	C	

DESIGN DATA:

SEISMIC DESIGN CATEGORY: D

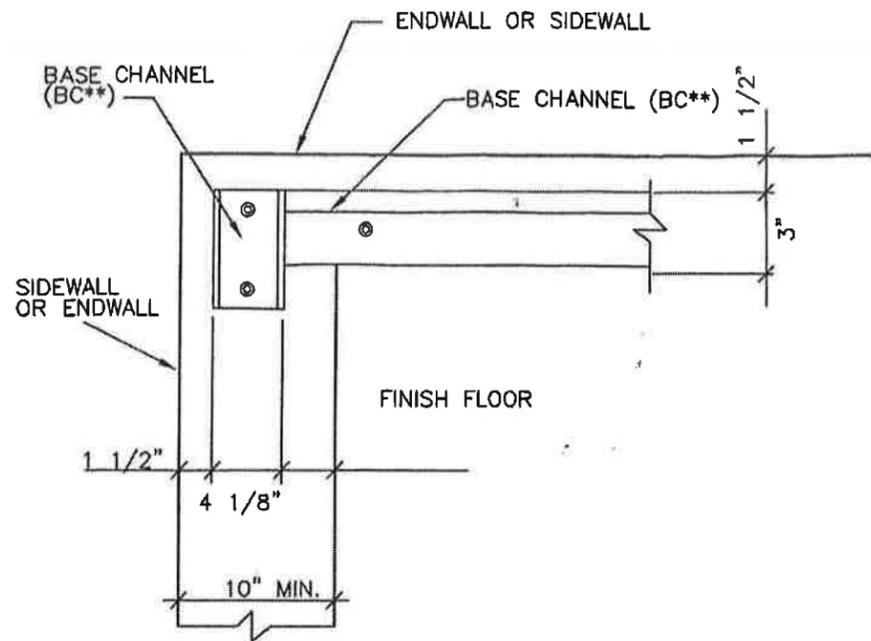
BASIC SEISMIC FORCE RESISTING SYSTEM: Light framed walls with shear panels of all other materials

DESIGN SPECTRAL ACCEIRATION: $S_{ds} = S_{ms} * 2/3 = 0.139$
 $S_{d1} = S_{m1} * 2/3 = 0.083$

SITE CLASSIFICATION: "D" : Shear Wave Velocity 600 to 1200 ft/sec

GROUND MOTION: $S_s = 0.130$ g. 0.2 sec response
 $S_1 = 0.052$ g. 1.0 sec response

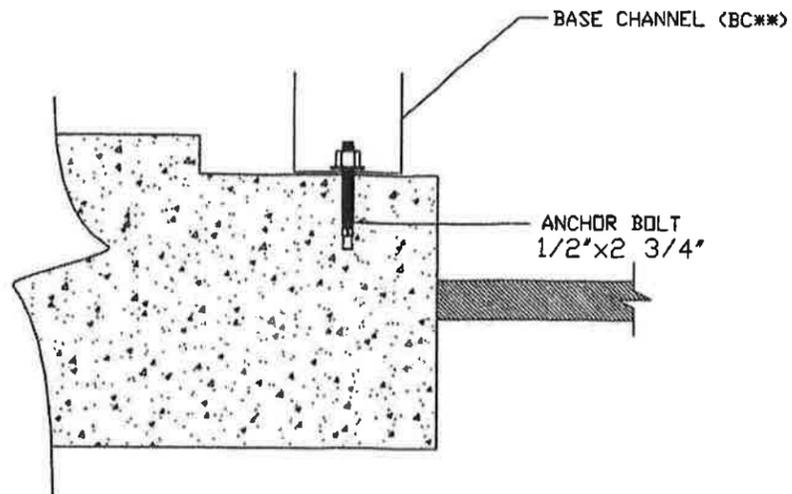
MINI SYSTEMS, INC.			
Bus: (888) MY-1-MINI P.O. Box 520			
Fax: (888) 748-9504 SARDIS, MS 38666			
SCALE: NONE	APPROVED BY:	DRAWN BY: tc	
DATE: 6-3-13	<i>Tracy Crutcher</i>	REVISED:	
Tom Pavlik MILTON, WI	40'-0" x 240'-0" x 8'-6" Mini Storage		
ERECTION PLAN	JOB NO.	DRAWING NO.	ISSUE
		DI	



S
D1 BASE CHANNEL DETAIL
AT CORNERS

SEE FLOOR PLAN FOR DOOR LOCATION TO DETERMINE SIDEWALL OR ENDWALL LOCATION FOR BASE CHANNEL.

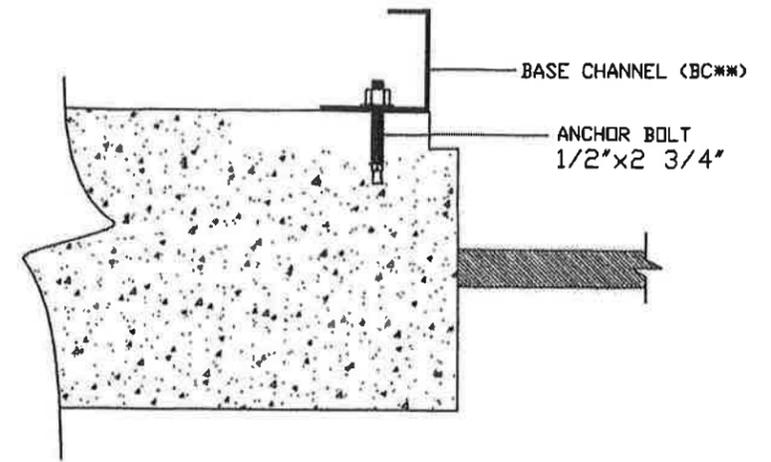
BASE CHANNEL TO BE INSET 1 1/2" FROM EDGE OF CONCRETE.



S
D2 BASE CHANNEL DETAIL
BETWEEN DOOR OPENINGS

ANCHOR BOLTS SHOULD BE A MINIMUM OF 2 PER PIECE OR 60" o.c. MAX. BC** TO BE SPACED EVENLY BOTH SIDES OF GRID LINE AT DOORWAY. SEE 1/D6

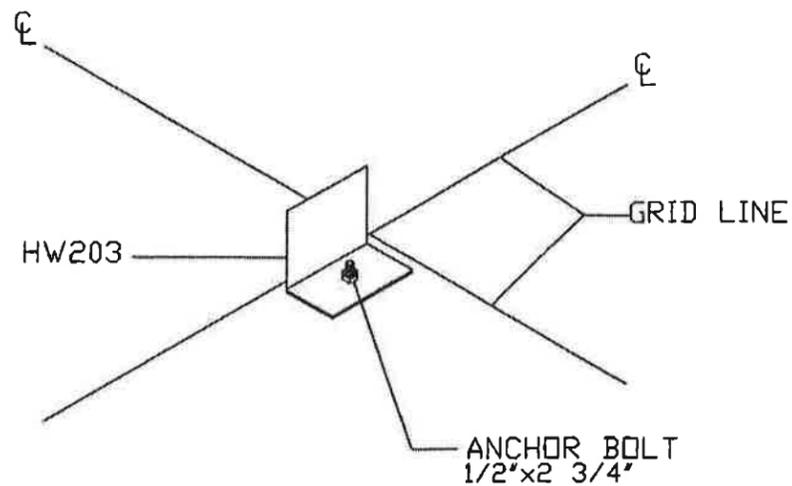
BASE CHANNEL TO BE INSET 1 1/2" FROM EDGE OF CONCRETE.



S
D3 BASE CHANNEL DETAIL
@ SHEETED WALLS

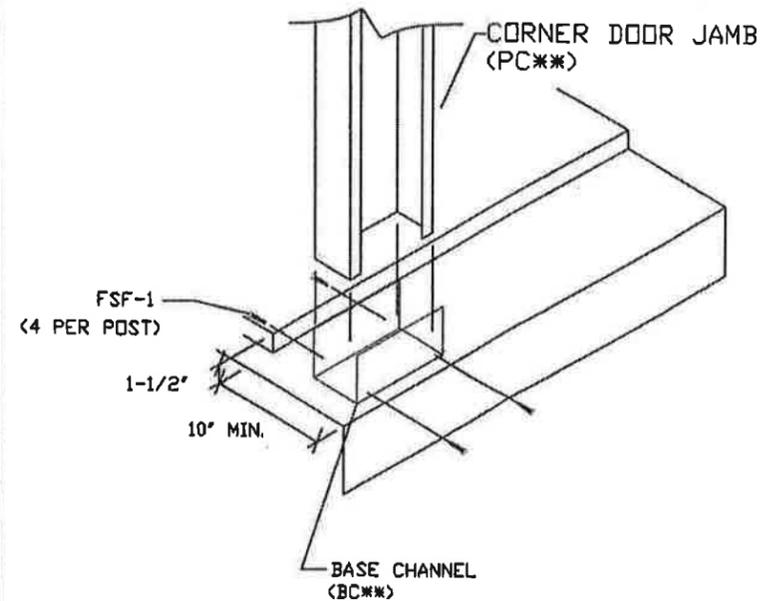
ANCHOR BOLTS SHOULD BE A MINIMUM OF 2 PER PIECE OR 60" ON CENTER MAX. SEE DETAIL 1/D7 FOR CEE POST ATTACHMENT IF NEEDED.

BASE CHANNEL TO BE INSET 1 1/2" FROM EDGE OF CONCRETE.

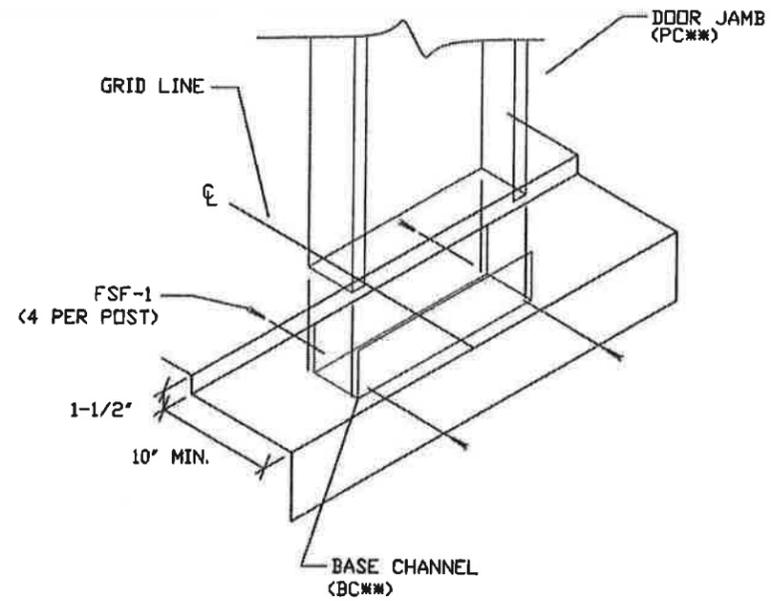


S
D4 BASE CLIP DETAIL
FOR INTERIOR POST

FASTEN BASE CLIP WITH 1 ANCHOR BOLT TO CONCRETE SLAB. PLACE BASE CLIP ON SAME SIDE ON GRID LINE ON EACH COLUMN LINE UP TO CENTER OF BUILDING. OTHER SIDE WILL BE OPPOSITE HAND. SEE DETAIL 1/D8 FOR CEE POST ATTACHMENT.

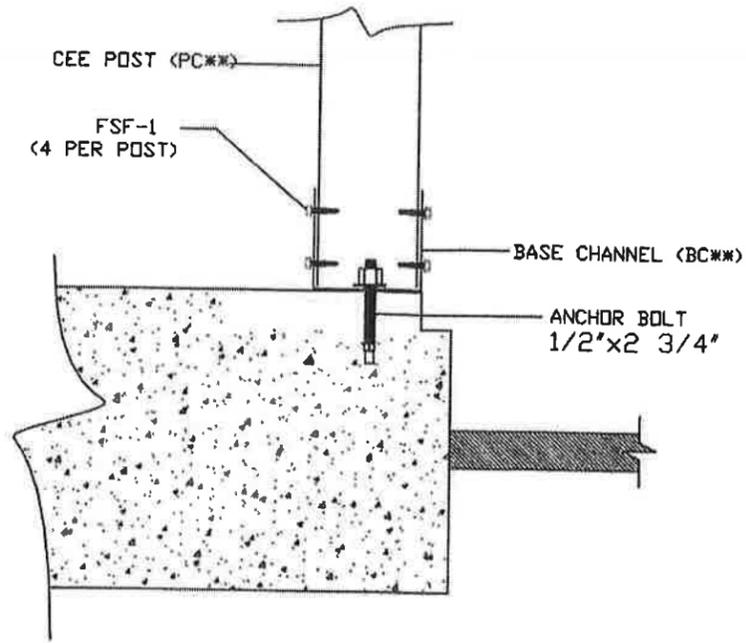


S
D5 CORNER DOOR JAMB CEE POST
TO BASE CHANNEL



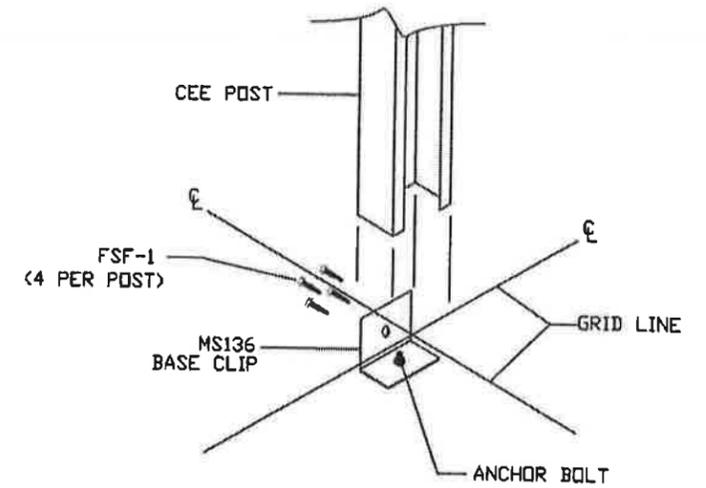
S
D6 DOOR JAMB CEE POST TO BASE CHANNEL

NOTE: FSF-1 #12-14 x 3/4" ON BACKSIDE INSET 3" EACH SIDE TO ALLOW FOR DOOR TRACK



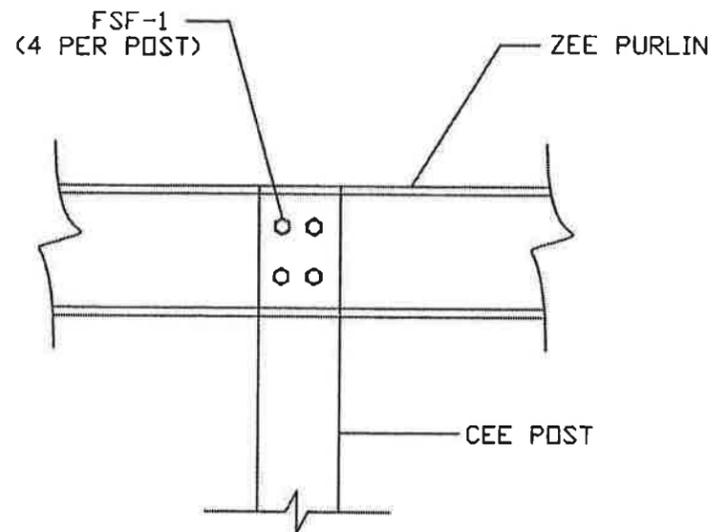
S
D7 CEE POST ATTACHMENT TO BASE CHANNEL @ SOLID SHEETED WALL

SEE FLOOR PLAN DRAWING FOR POSITION OF CEE POST. PLACE CEE POST INTO POSITION AND FASTEN WITH (4) FSF-1 FASTENERS. (CEE POST MAY NOT BE REQUIRED IN ALL LOCATIONS WHICH HAVE BASE CHANNEL.)

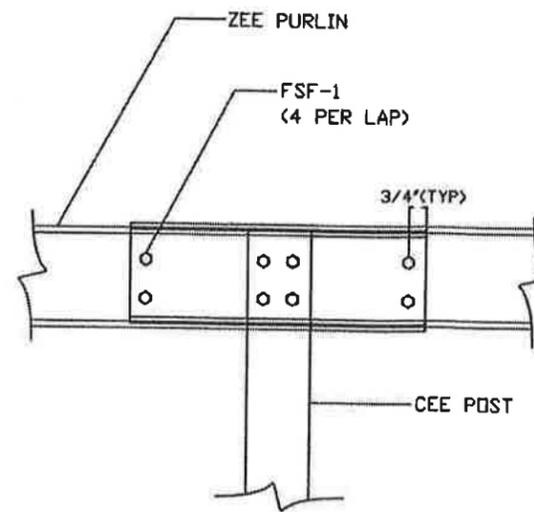


S
D8 INTERIOR POST @ BASE

SEE FLOOR PLAN DRAWING FOR POSITION OF CEE POST. PLACE CEE POST INTO POSITION AND FASTEN WITH (4) FSF-1 FASTENERS.



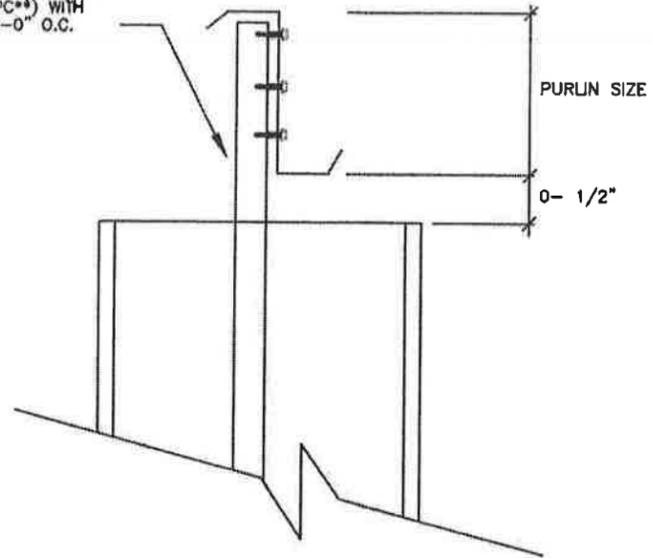
S
D9 PURLIN TO POST DETAIL



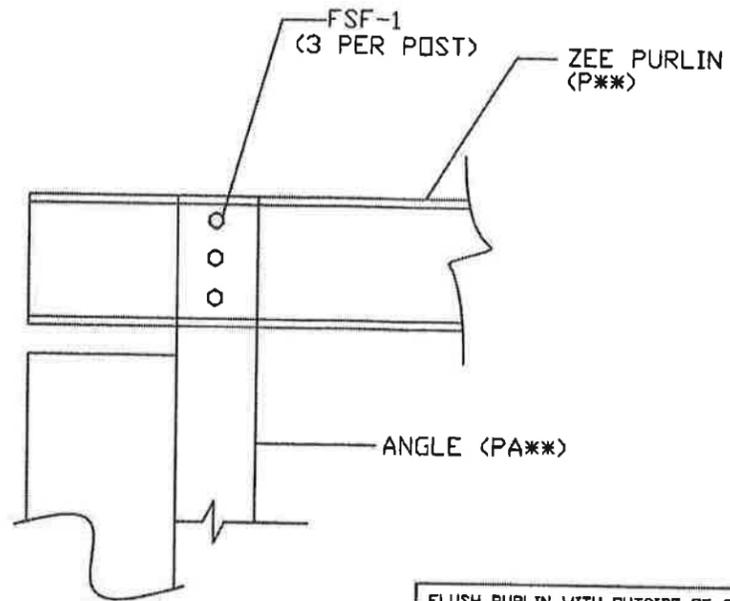
S
D10 PURLIN LAP DETAIL

SEE ROOF FRAMING PLAN FOR PURLIN LAP DIMENSIONS

ATTACH ANGLE (PA**) TO
CEE POST (PC**) WITH
FSF-1 AT 2'-0" O.C.

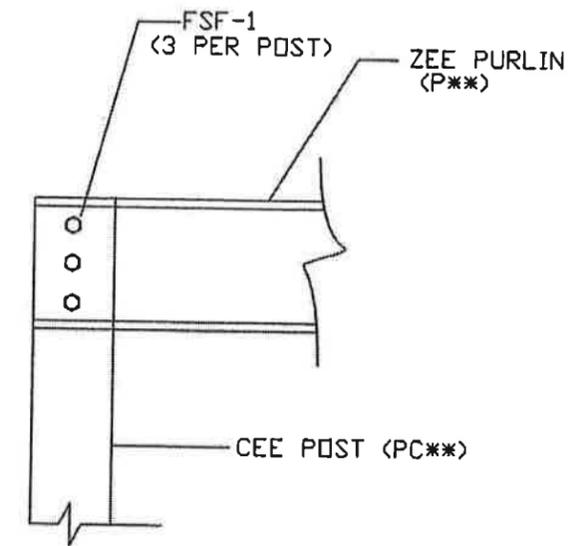


S
D11 PURLIN TO ANGEL DETAIL
AT ENDWALL WITH DOORS



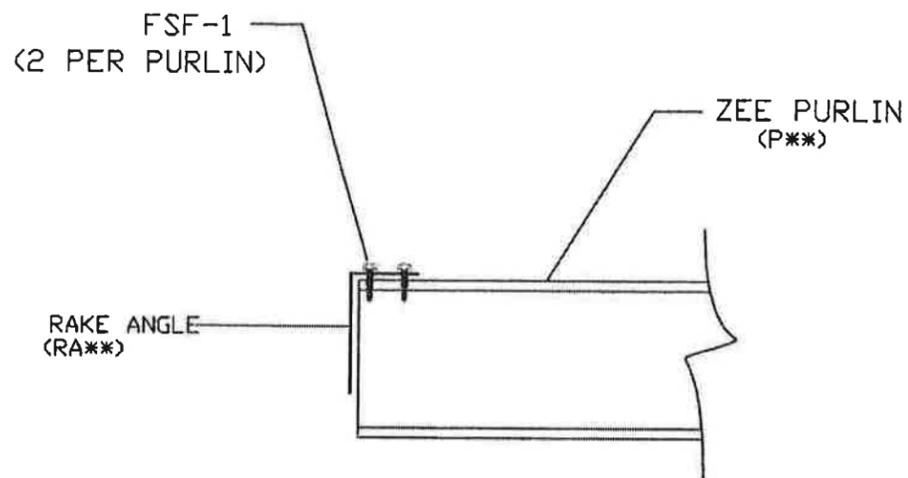
S
D12 PURLIN TO ANGEL DETAIL
AT ENDWALL WITH DOORS

FLUSH PURLIN WITH OUTSIDE OF CEE
POST.



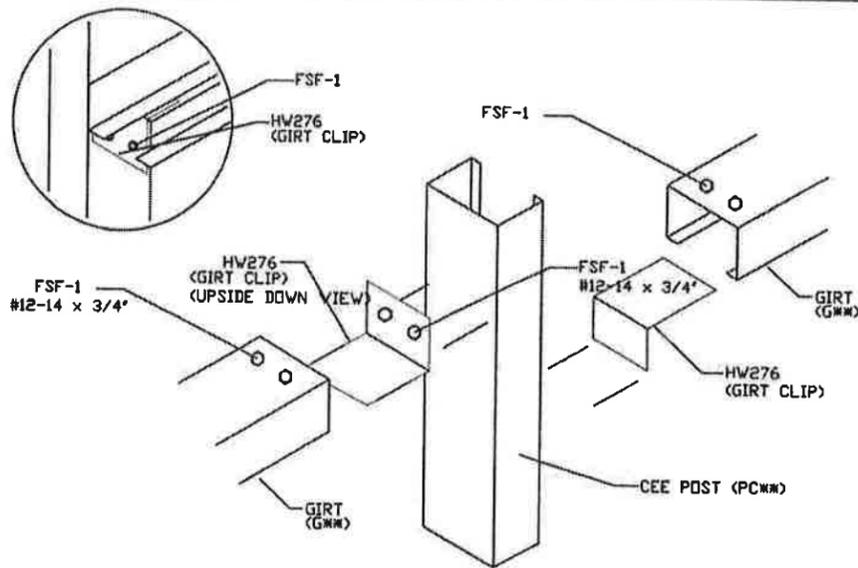
S
D13 PURLIN TO CEE POST DETAIL
AT ENDWALL WITHOUT DOORS

FLUSH PURLIN WITH OUTSIDE OF CEE
POST.



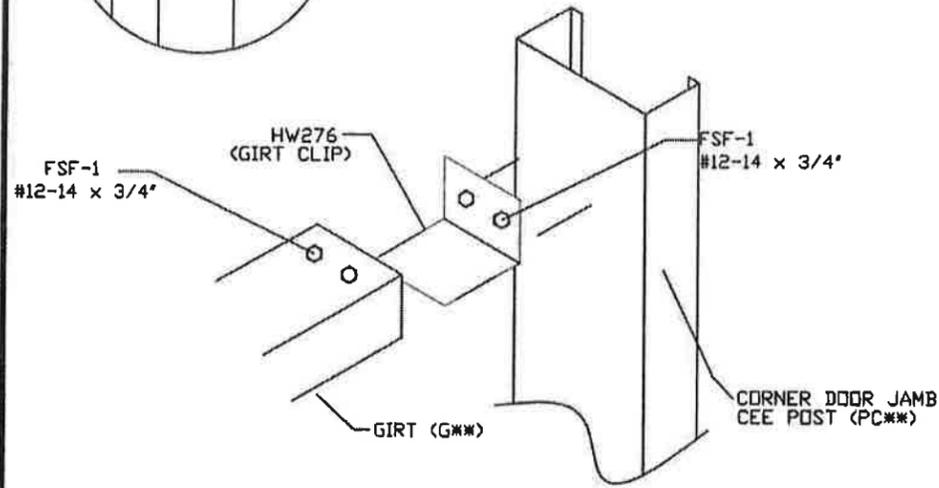
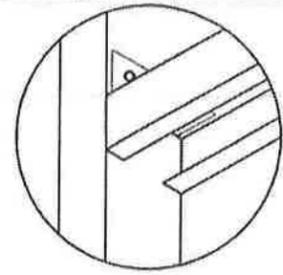
S
D14 RAKE ANGLE TO PURLIN

RUN LONG LEG OF RAKE ANGLE DOWN
WALL SIDE.



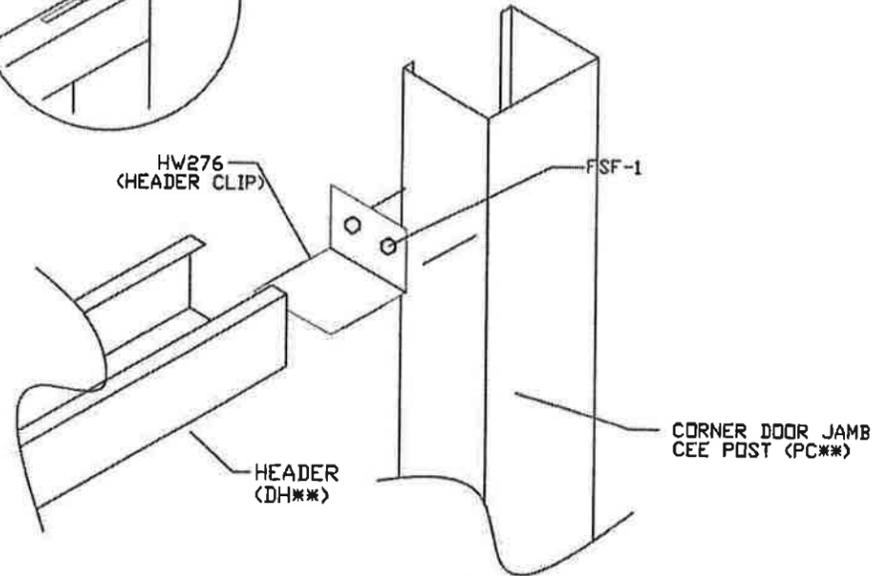
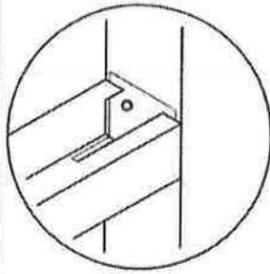
S
D15 GIRT ATTACHMENT
CLIP LOCATION FOR
SOLID SHEETED WALLS

FASTEN HW276 TO CEE POST WITH
(2) FSF-1 AND THE GIRT WITH (2)
FSF-1.



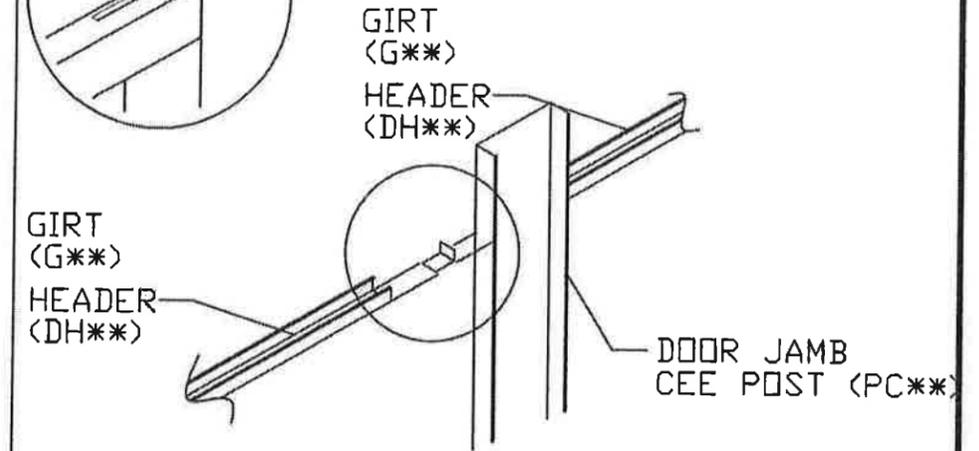
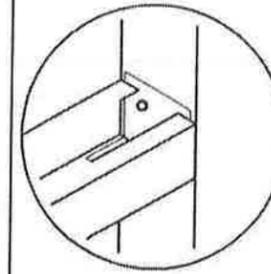
FASTEN HW276 TO CEE POST WITH (2) FSF-1 AND THE GIRT WITH (2) FSF-1. FLUSH OUTSIDE OF GIRT WITH OUTSIDE OF CEE POST.

S
D16 GIRT ATTACHMENT TO CORNER CEE POST



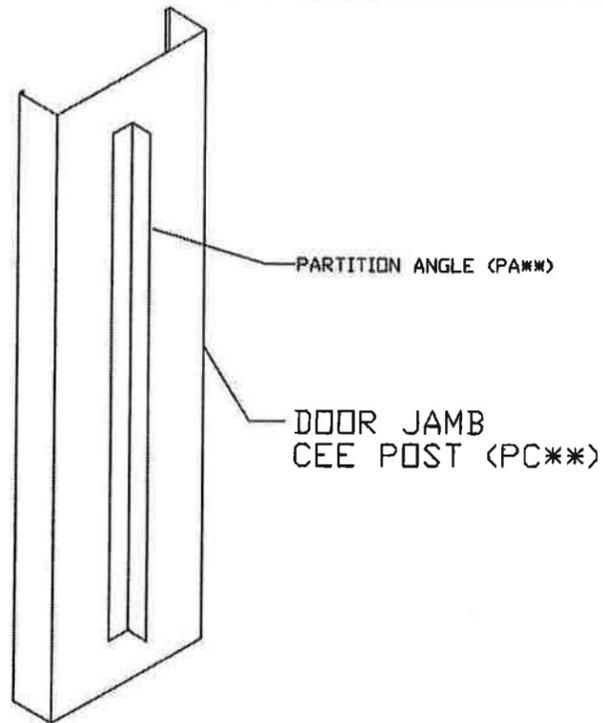
FASTEN HW276 TO CEE POST WITH (2) FSF-1 AND THE GIRT WITH (2) FSF-1. FLUSH INSIDE OF GIRT WITH INSIDE OF CEE POST. SEE DETAIL 3/T3 BEFORE INSTALLING HEADERS.

S
D17 HEADER ATTACHMENT TO CORNER CEE POST



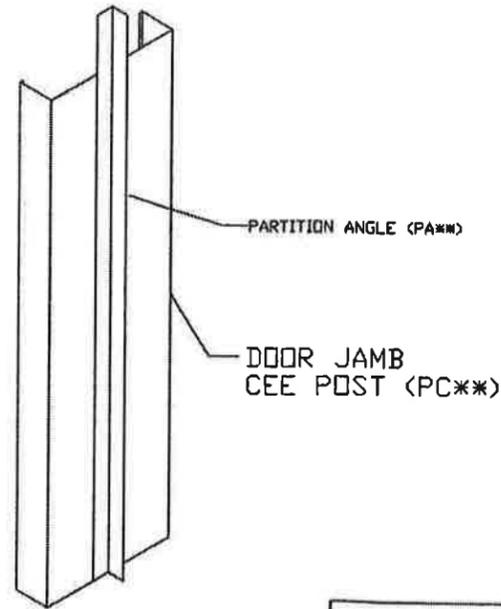
FASTEN HW276 TO CEE POST WITH (2) FSF-1 AND THE GIRT WITH (2) FSF-1. FLUSH INSIDE OF GIRT WITH INSIDE OF CEE POST. SEE DETAIL T/D1 AND T/D4 BEFORE INSTALLING HEADERS OR GIRTS.

S
D18 HEADER OR GIRT ATTACHMENT AT DOOR JAMB CEE POST



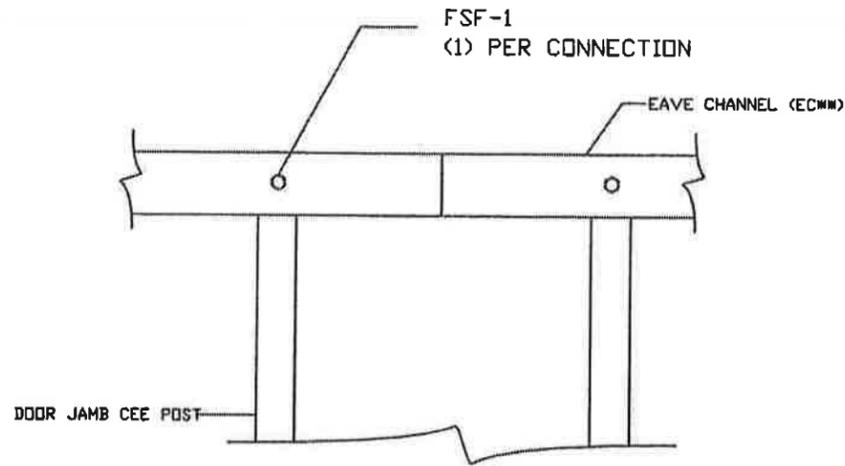
FASTEN PARTITION ANGLE TO CEE POST WITH FSF-1 12" o.c. THIS IS EASIER IF DONE BEFORE STANDING THE CEE POST. ANGLE TO BE INSET 6" FROM ONE SIDE AND 3 1/2" FROM FLOOR.

S
D19 ATTACHING PA** TO SIDEWALL DOOR JAMB CEE POST

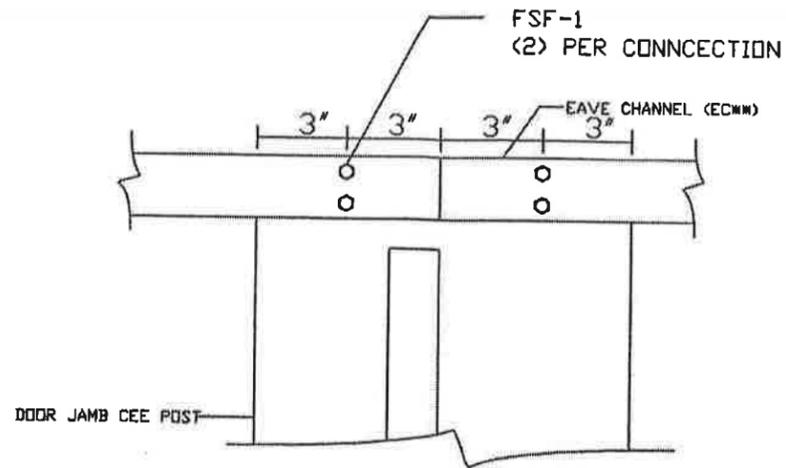


ENDWALL PARTITION ANGLES WILL GO PAST THE TOP OF DOOR JAMB CEE POST BY THE PURLIN DEPTH PLUS 1/2". FASTEN PARTITION ANGLE TO CEE POST WITH FSF-1 12" o.c. THIS IS EASIER IF DONE BEFORE STANDING THE CEE POST. ANGLE TO BE INSET 6" FROM ONE SIDE AND FLUSH WITH FLOOR.

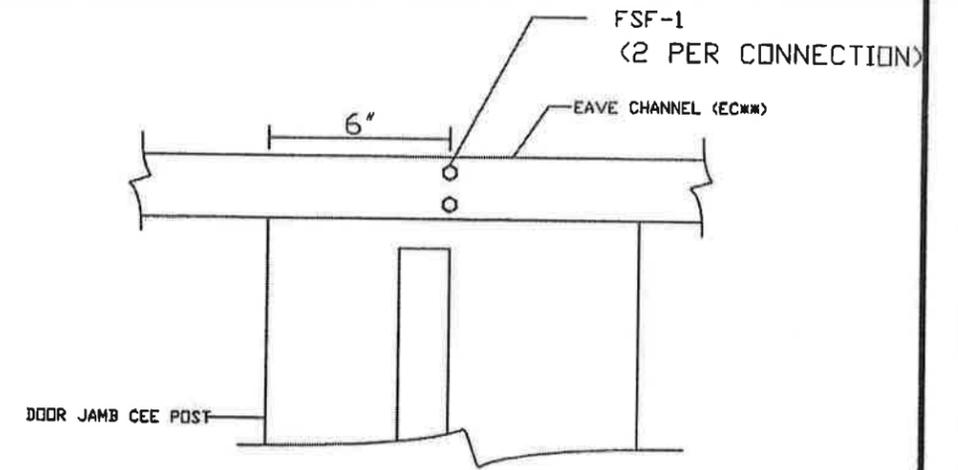
S
D20 ATTACHING PA** TO ENDWALL DOOR JAMB CEE POST



S
D21 EAVE CHANNEL CONNECTION
FRONT VIEW @ LAP
ON SIDEWALL

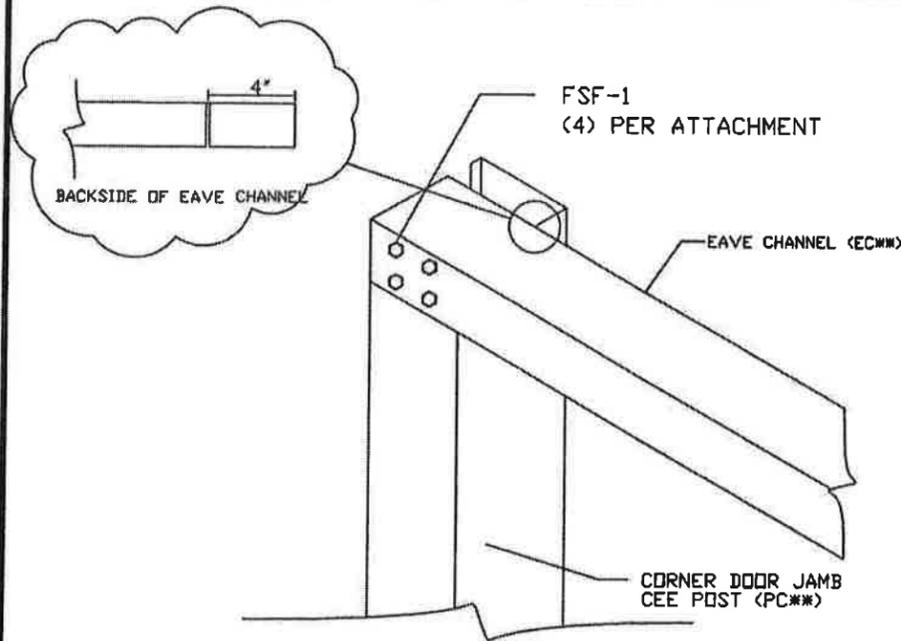


S
D22 EAVE CHANNEL CONNECTION
BACK VIEW @ LAP
ON SIDEWALL



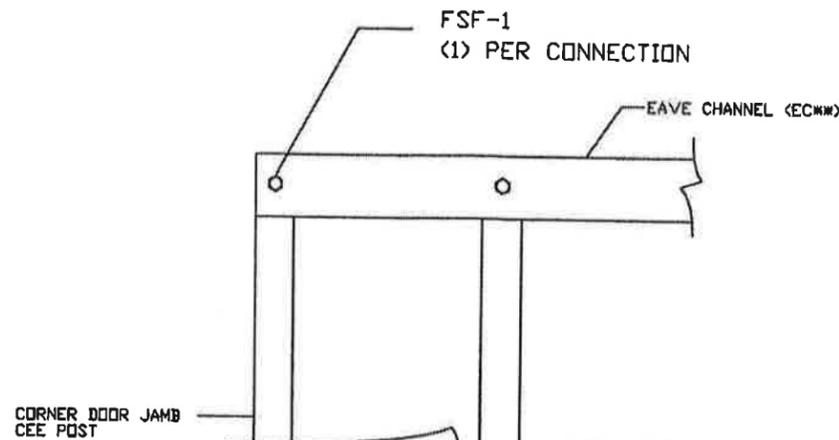
S
D23 EAVE CHANNEL CONNECTION
DOOR JAMB CEE POST
ON SIDEWALL

SEE DETAIL 2/D21 FOR FRONT VIEW
AND ATTACHMENT.

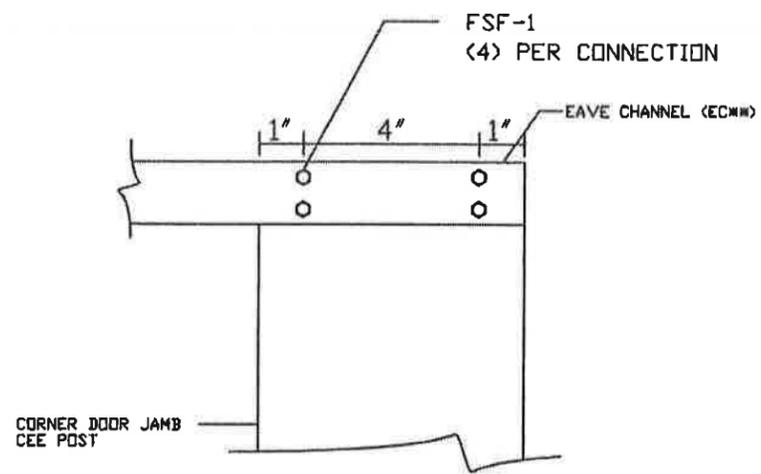


S
D24 EAVE CHANNEL AT CORNER
WITH DOOR ON ENDWALL

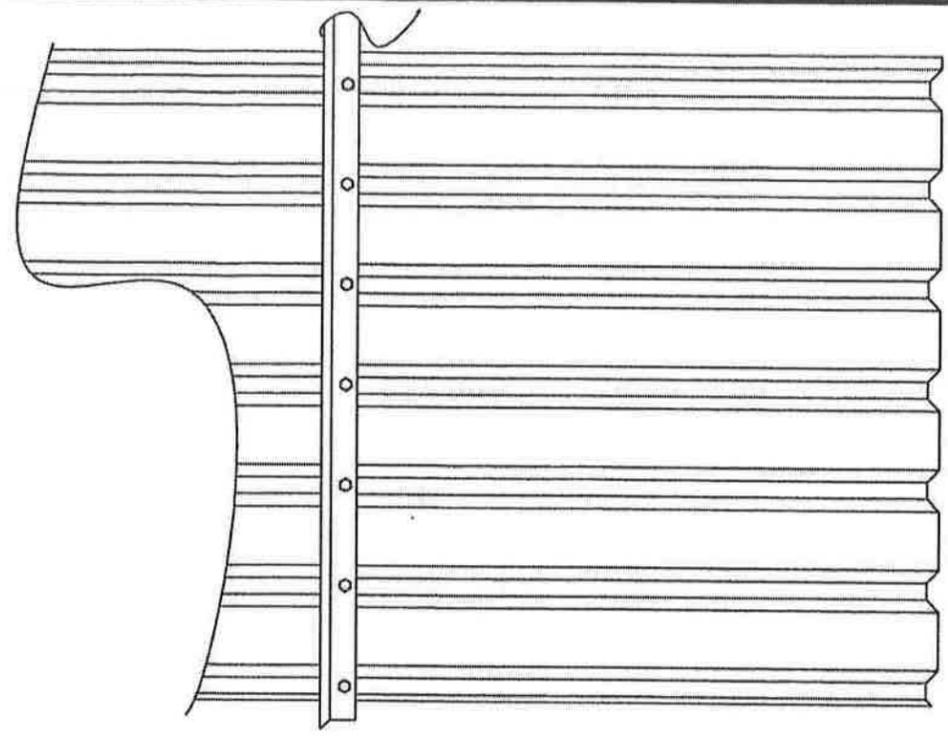
FIELD NOTCH BACKSIDE OF EAVE
CHANNEL TO CAP CORNER CEE POST.



S
D25 EAVE CHANNEL AT CORNER
WITH DOOR ON SIDEWALL
FRONT VIEW

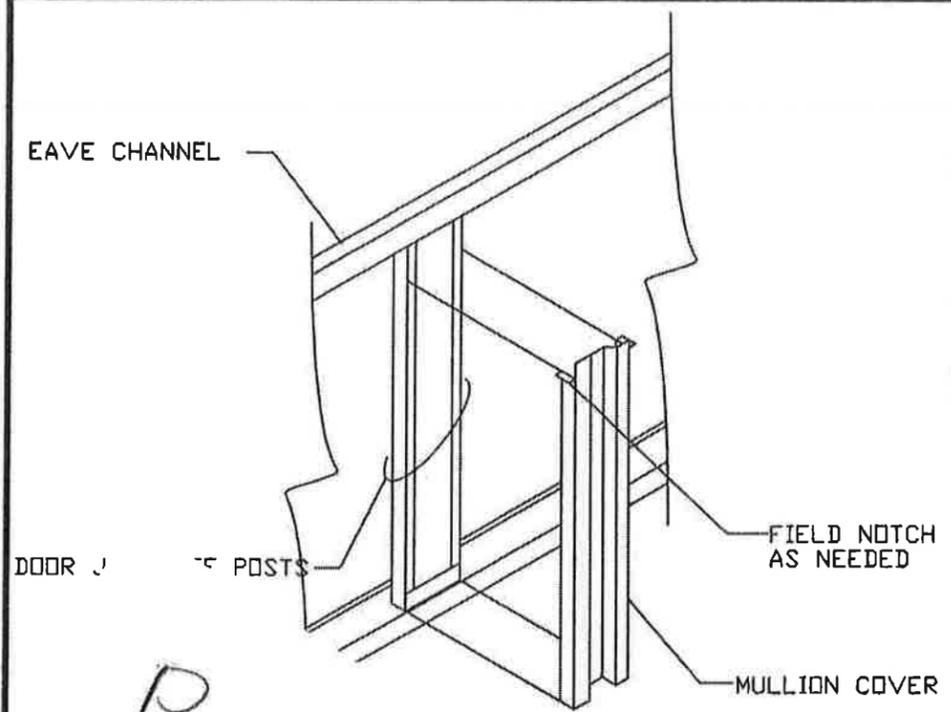


S
D26 EAVE CHANNEL AT CORNER
WITH DOOR ON SIDEWALL
BACK VIEW

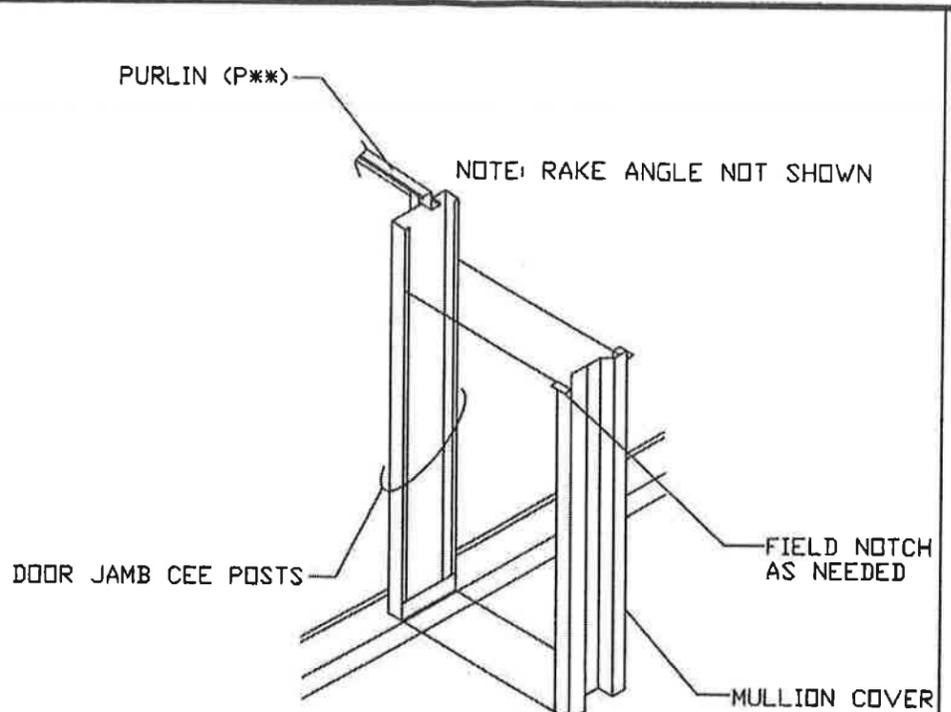


S
D27 PARTITION ANGLE CONNECTION
TO PARTITION PANELS

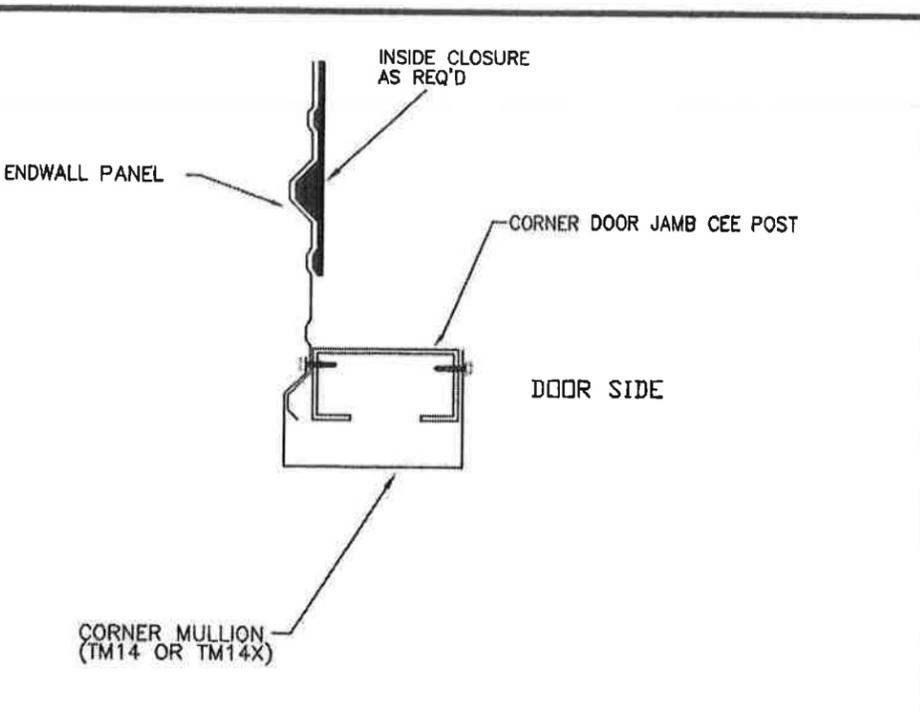
PARTITION ANGLES ARE FASTENED 6' o.c.
WITH LSF-1.



FASTEN WITH TSF-5 24' o.c., STARTING 6" FROM THE FLOOR. INSET FASTENERS 1" FROM BACKSIDE OF DOOR JAMB CEE POST. PLACE (1) TSF-5 CENTER OF MULLION AT BASE.

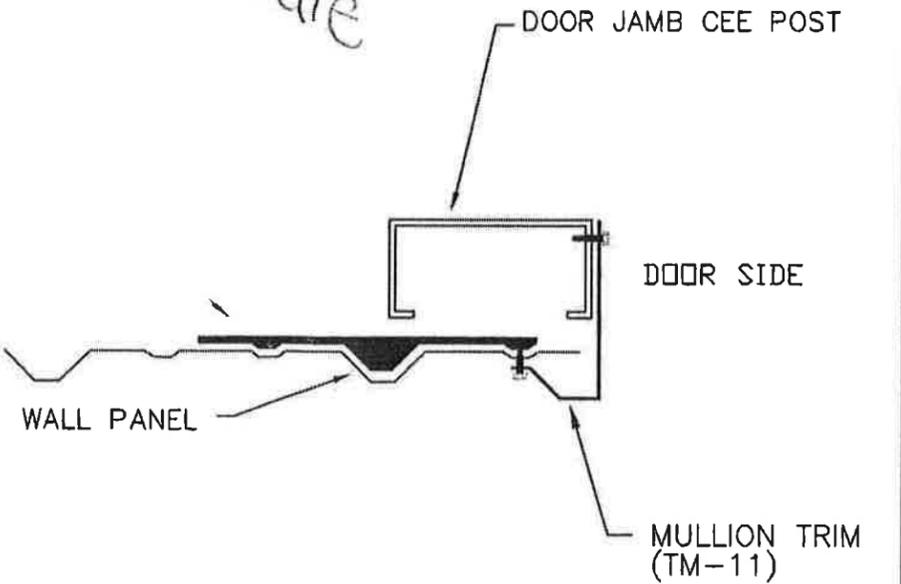


FASTEN WITH TSF-5 24' o.c., STARTING 6" FROM THE FLOOR. INSET FASTENERS 1" FROM BACKSIDE OF DOOR JAMB CEE POST. PLACE (1) TSF-5 CENTER OF MULLION AT BASE.

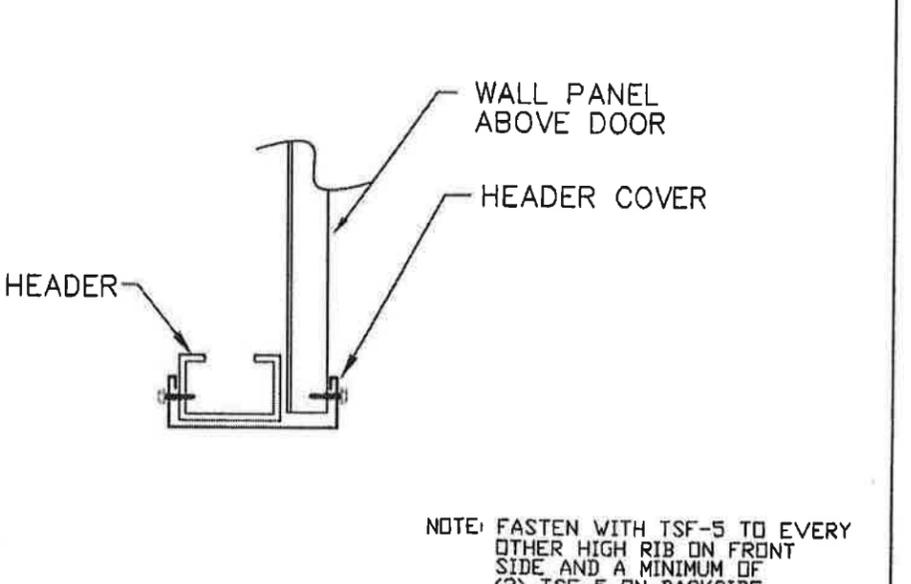


FASTEN WITH TSF-5 24' o.c., STARTING 6" FROM THE FLOOR BOTH SIDES. INSET FASTENERS 1" FROM BACKSIDE OF CEE POST ON DOOR SIDE AND FASTEN INTO SHORT LEG ON PANEL SIDE.

Prints From Dale



FASTEN WITH TSF-5 24' o.c., STARTING 6" FROM THE FLOOR BOTH SIDES. INSET FASTENERS 1" FROM BACKSIDE OF CEE POST ON DOOR SIDE AND FASTEN INTO SHORT LEG ON PANEL SIDE.



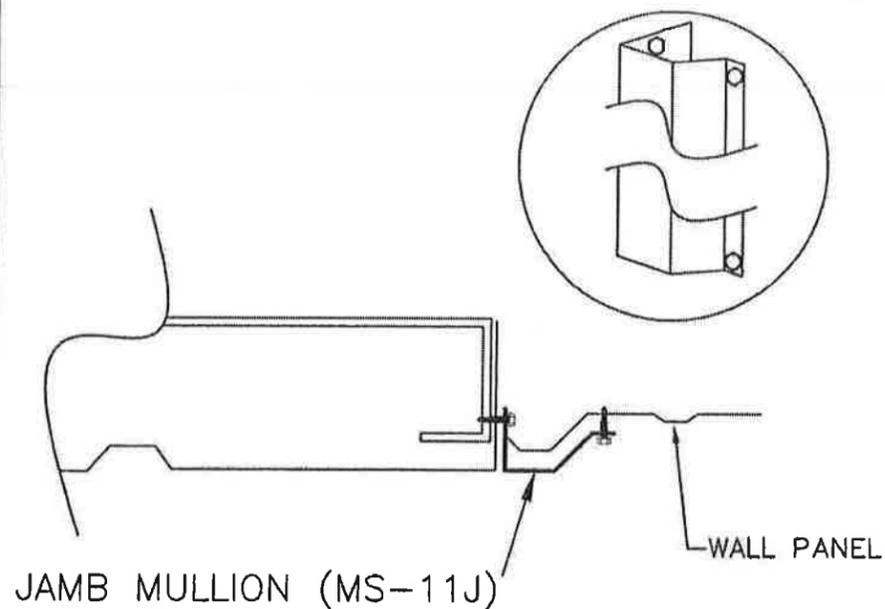
NOTE: FASTEN WITH TSF-5 TO EVERY OTHER HIGH RIB ON FRONT SIDE AND A MINIMUM OF (2) TSF-5 ON BACKSIDE

FASTEN WITH TSF-5 TO PANEL HIGH RIBS (1) TO EACH END AND 24' o.c. IN BETWEEN. ON BACKSIDE FASTEN A MINIMUM OF (2) UNDER 7', (3) UNDER 12' AND (4) ANY HEADER COVER OVER THAT IN LENGTH.

T D4 MULLION TRIM ATTACHMENT WITH DOOR

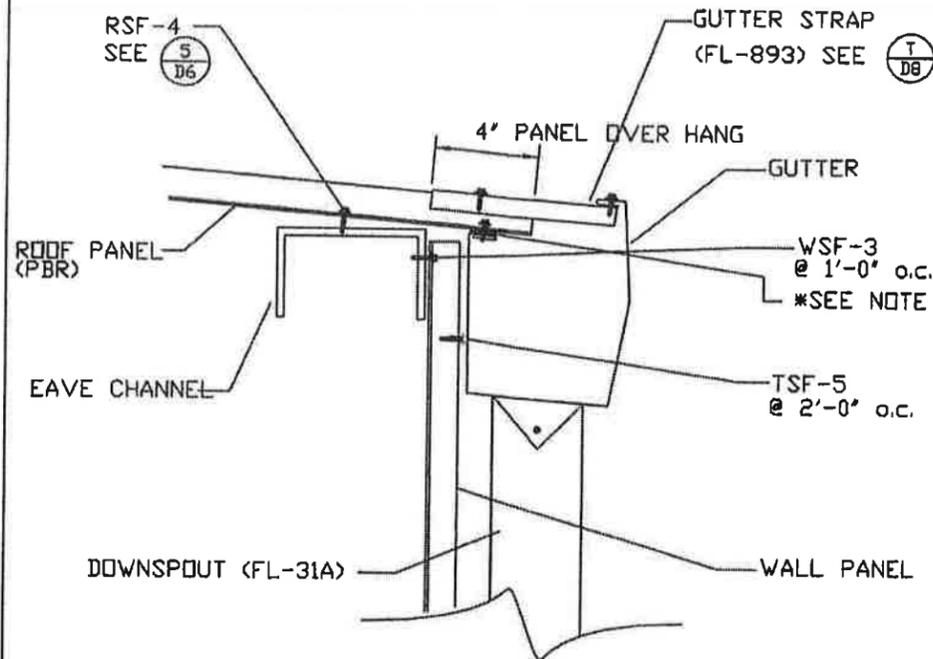
T D5 HEADER COVER ATTACHMENT

T D3 CORNER TRIM ATTACHMENT WITH DOOR



T
D6 MULLION TRIM ATTACHMENT
BETWEEN DOORS

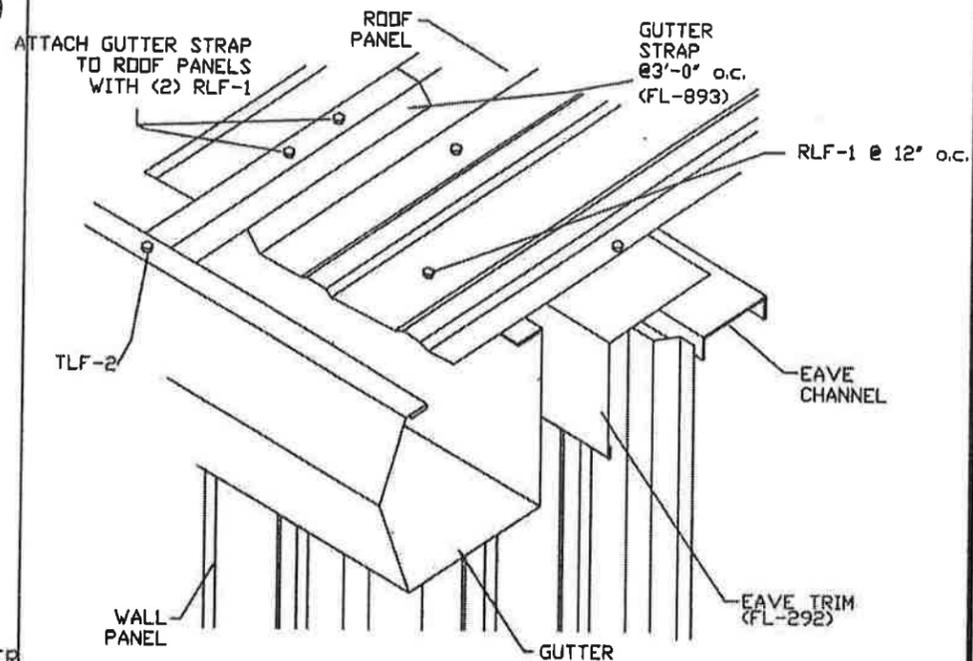
FASTEN TO MULLION COVER WITH (2) TSF-5 & INTO PANEL WITH (2) TSF-5. (1) AT TOP & (1) AT BOTTOM OF MS11J. FIELD CUT HIGH RIB ON PANELS FOR A BETTER FIT BEHIND MS11J. MS11J OVER 60" MAY REQUIRE (3) TSF-5.



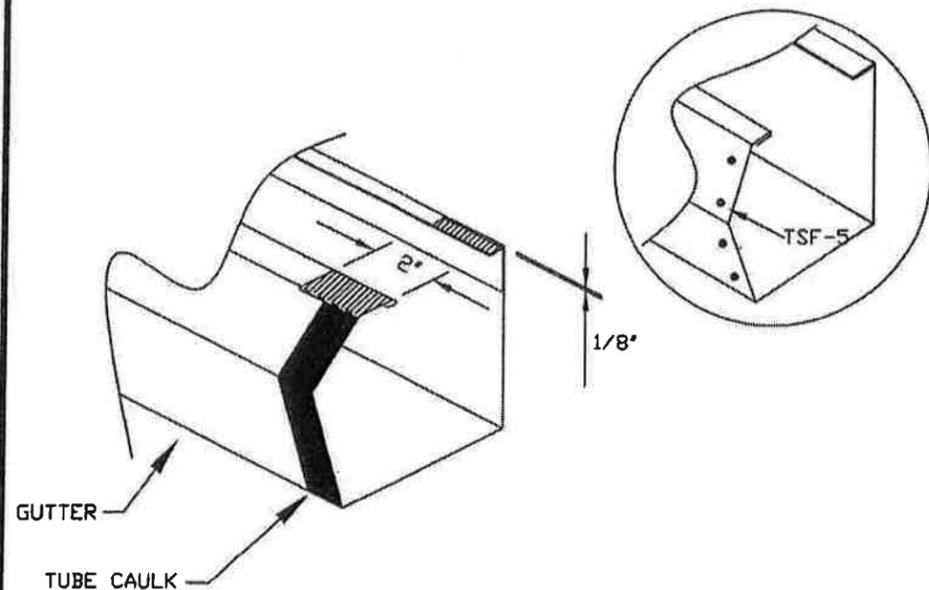
T
D7 GUTTER DETAIL

*PLACE INSIDE CLOSURE BETWEEN GUTTER LEG AND ROOF PANEL. SEE DETAIL D8 PATTERN

ATTACH GUTTER STRAP (FL-893) TO GUTTER WITH (1) TLF-2 AND THEN ATTACH TO ROOF PANEL WITH (2) RLF-1. SPACE GUTTER STRAPS @ 3'-0" o.c. ATTACH GUTTER TO ROOF PANEL WITH (1) RLF-1 @ 1'-0" o.c. PLACE TAPE SEAL BETWEEN GUTTER STRAP AND ROOF PANEL.

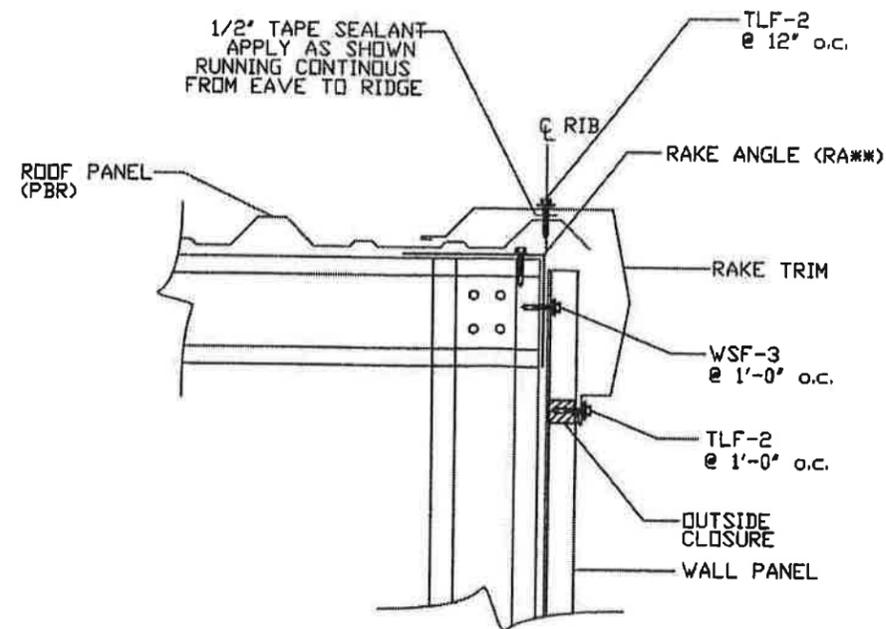


T
D8 GUTTER STRAP DETAIL



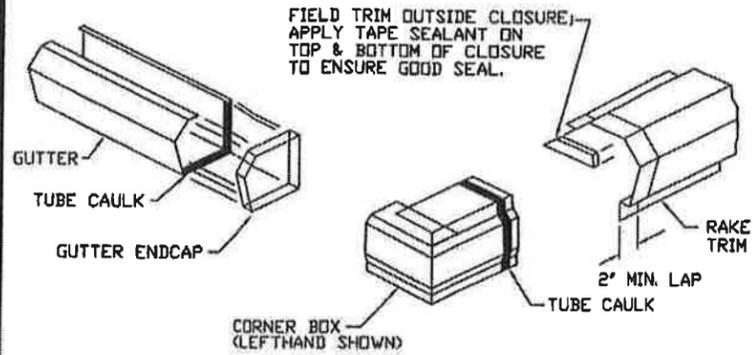
T
D9 GUTTER ENDLAP DETAIL

1. Before lapping gutter - field trim, as shown, (1) end.
2. Apply a bead of tube caulk - following gutter profile.
3. Lap field modified end into next piece
4. After lapping 2' - fasten together using (4) TSF-5.



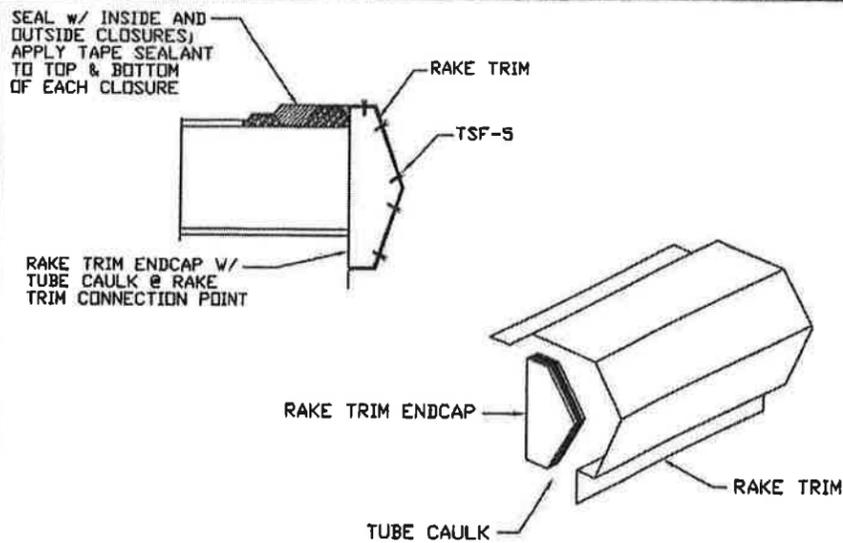
T
D10 RAKE DETAIL

APPLY TUBE CAULK AND INSTALL AN ENDCAP IN THE END OF A SECTION OF GUTTER AND FASTEN w/ (4) TSF-5. POSITION THE GUTTER AND RAKE TRIM ALLOWING A MINIMUM OF 2" OVERLAP w/ THE CORNER BOX. THE CORNER BOX LAPS OVER THE GUTTER AND UNDER THE RAKE TRIM. ALIGN THE CORNER BOX FOR GOOD APPEARANCE AND FASTEN WITH TSF-5. SEAL CONNECTION w/ TUBE CAULK, CLOSURE AND TAPE SEALANT AS SHOWN.



MINI SYSTEMS PRODUCES VARIOUS TRIM PROFILES. THE EXAMPLES SHOWN MAY NOT MATCH BUILDING IN QUESTION.

T D11 CORNER BOX DETAIL

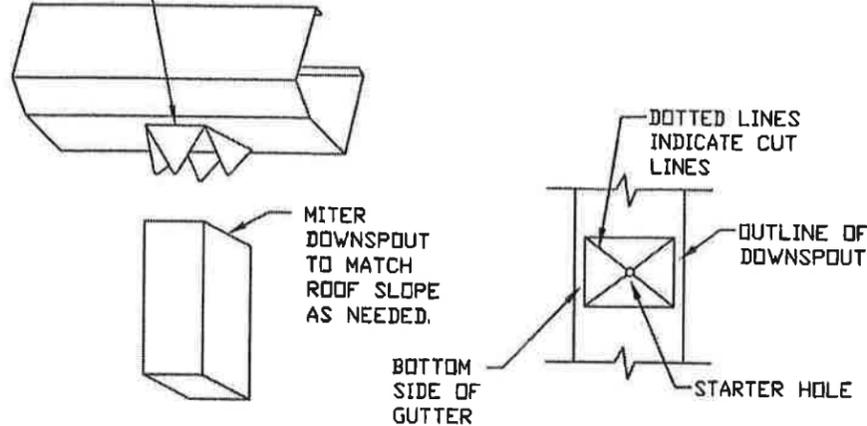


FOR BUILDINGS w/ SIMPLE EAVE TRIM AND NO GUTTER, INSTALL A RAKE ENDCAP* AS SHOWN; ATTACH TO RAKE TRIM w/ (5) TSF-5. TRIM INSIDE AND OUTSIDE CLOSURES TO FILL BETWEEN RAKE TRIM AND ROOF

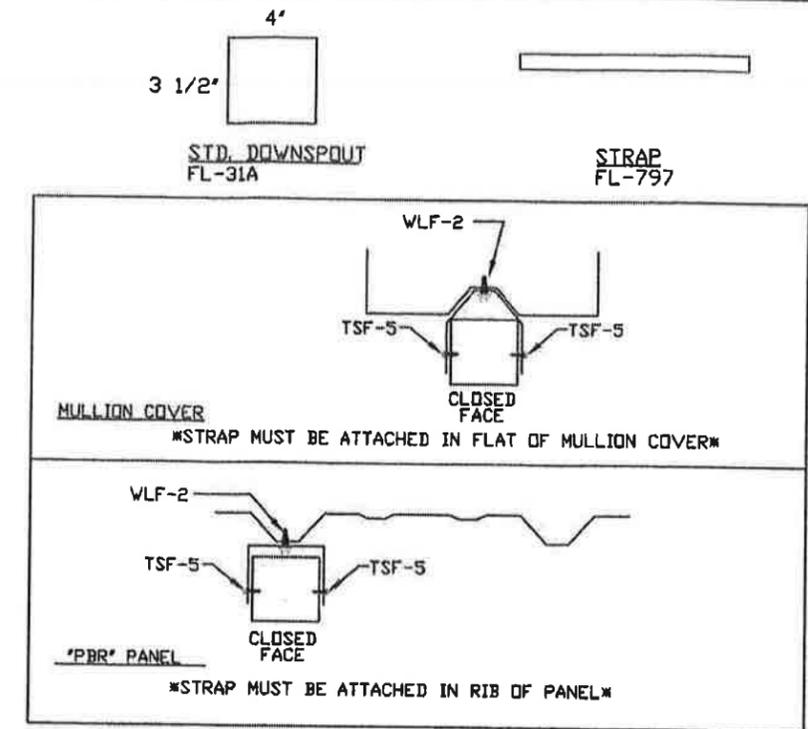
T D14 RAKE ENDCAP DETAIL

FIELD CUT AND BEND DOWNSPOUT OUTLET IN BOTTOM OF GUTTER AS INDICATED BELOW

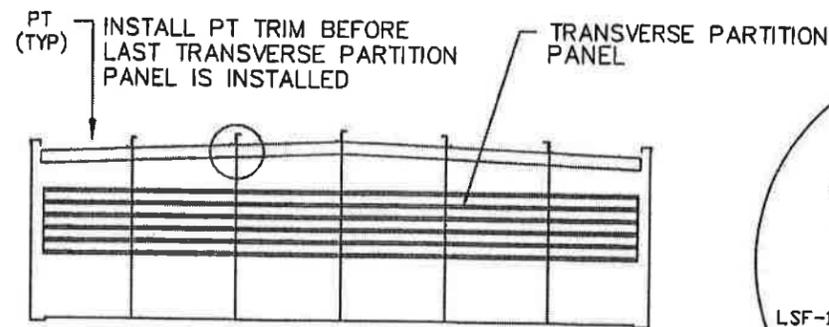
- LAY OUT WORKPOINTS TO MATCH DOWNSPOUT PROVIDED AS SHOWN BELOW.
- DRILL STARTER HOLE FOR NIBBLER.
- CUT DOTTED LINES WITH NIBBLER. TAKE CARE TO STOP CUTS AT WORK POINTS
- BEND (4) TABS DOWN 90°
- ATTACH DOWNSPOUT TO GUTTER w/(2) TLF-2



T D12 DOWNSPOUT TO GUTTER CONNECTION



T D13 DOWNSPOUT TO WALL PANEL DETAIL



INTERIOR CROSS SECTION BUILDINGS WIDTH

T D15 PARTITION TRIM