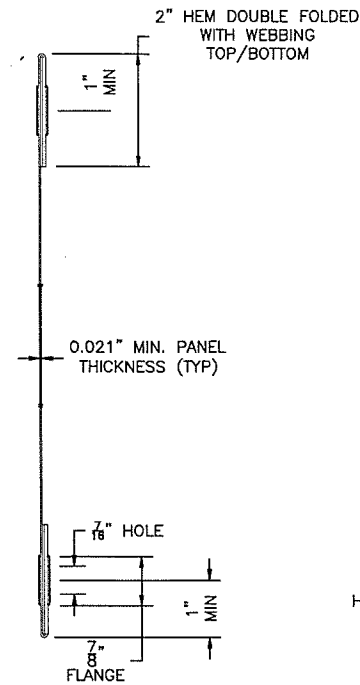
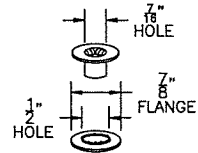


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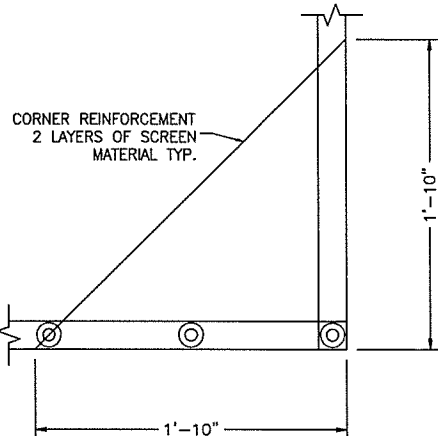


3.0 PANEL PROFILE
SCALE: NTS=1'-0"

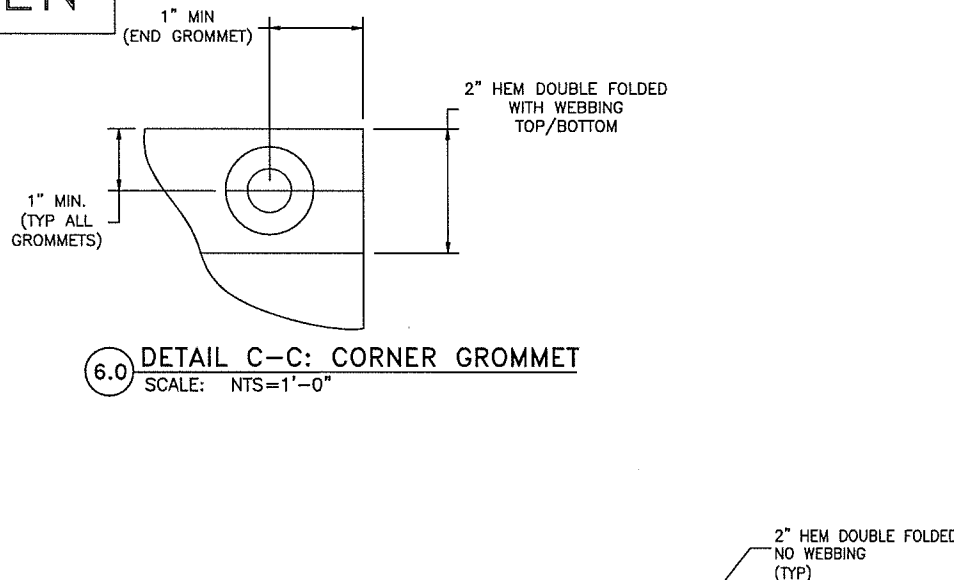


4.0 #2 SPUR GROMMET
SCALE: NTS=1'-0"

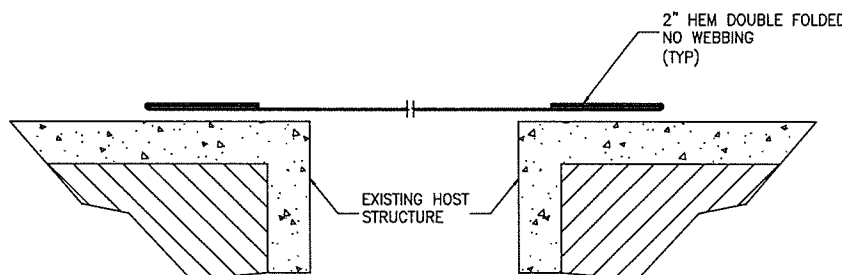
FORCE 12 DIAMOND SCREEN



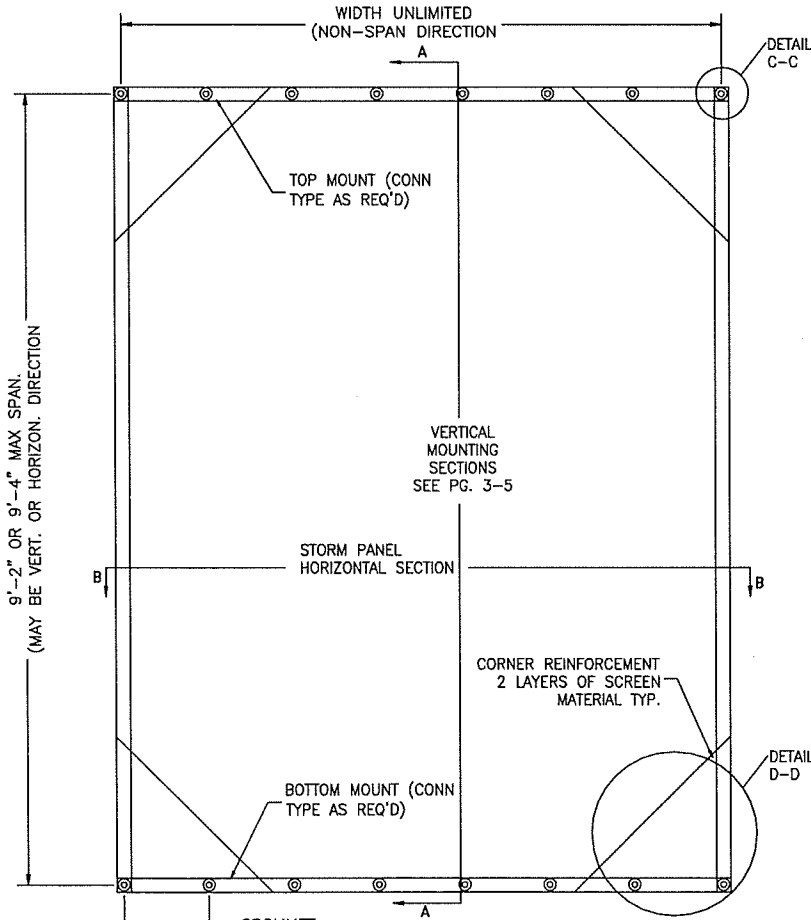
5.0 DETAIL D-D: CORNER REINFORCEMENT
SCALE: NTS=1'-0"



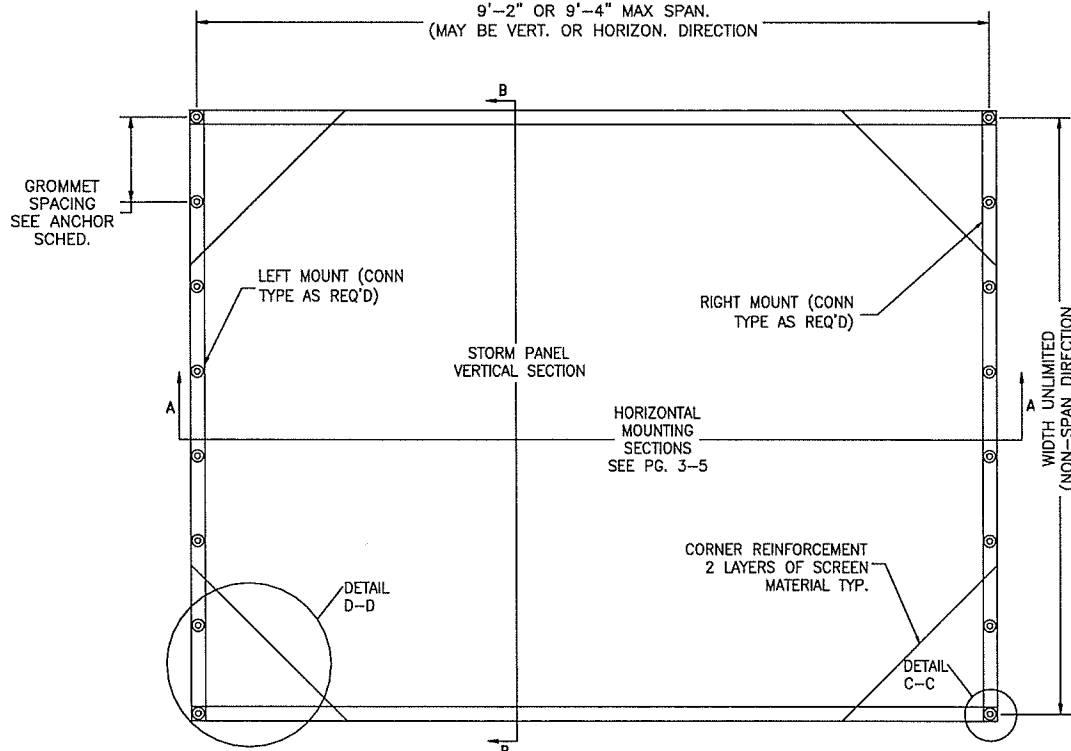
6.0 DETAIL C-C: CORNER GROMMET
SCALE: NTS=1'-0"



7.0 DETAIL B-B: HORIZONTAL SECTION
SCALE: NTS=1'-0"



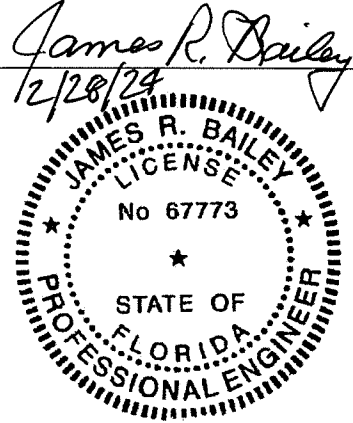
1.0 TYPICAL VERTICAL MOUNT
SCALE: NTS=1'-0"



2.0 TYPICAL HORIZONTAL MOUNT
SCALE: NTS=1'-0"

- SPAN NOTES:
1. ALLOWABLE PRESSURES SHALL NOT BE EXCEEDED.
 2. PANEL SPANS LONGER THAN THE MAXIMUM NOTED WITHIN THESE DOCUMENTS ARE NOT ACCEPTABLE.
 3. PANEL SPANS LESS THAN THE MINIMUM NOTED WITHIN THESE DOCUMENTS ARE NOT ACCEPTABLE.
 4. NO SEPARATION FROM GLASS IS REQUIRED WHEN PANEL SPAN IS GREATER THAN MINIMUM SPAN NOTED.
 5. VALID FOR PANELS MOUNTED VERTICALLY OR HORIZONTALLY.

- GENERAL NOTES:
1. THIS STORM PANEL HAS BEEN TESTED AND EVALUATED AS A LARGE MISSILE IMPACT SYSTEM IN ACCORDANCE WITH THE 2023 8th EDITION OF THE FLORIDA BUILDING CODE, FOR USE OUTSIDE FLORIDA'S HIGH VELOCITY HURRICANE ZONE (HVHZ) ONLY.
 2. THIS PRODUCT MEETS ASCE 7-22 REQUIREMENTS.
 3. POSITIVE AND NEGATIVE DESIGN PRESSURES TO BE USED WITH THESE DRAWINGS SHALL BE DETERMINED BY OTHERS FOR SPECIFIC JOBS IN ACCORDANCE WITH THE GOVERNING CODE. WHEN CALCULATING LOAD COMBINATIONS PER ASCE 7-22, USE OF DIRECTIONALITY FACTOR $KD=0.85$ IS ALLOWED.
 4. THIS SHUTTER SYSTEM HAS BEEN SUBMITTED TO ICC-ES FOR EVALUATION AS A LARGE MISSILE IMPACT PROTECTIVE SYSTEM.
 5. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. WIND LOAD DURATION FACTOR $Cd=1.65$ HAS BEEN USED FOR WOOD ANCHOR DESIGN.
 6. THE SHUTTER SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. IF SITE CONDITIONS DEVIATE FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS TO BE USED IN CONJUNCTION WITH THIS DOCUMENT.
 7. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND NEW SUPERIMPOSED LOADS.
 8. STORM PANELS SHALL BE WOVEN POLYPROPYLENE FABRIC (THICKNESS ≥ 0.021) WITH A MIN. WEIGHT = 7.8 OZ/SQYD.
 9. PANELS SHOULD BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER PANEL AS FOLLOWS:
HENDEE ENTERPRISES INC.
FBC DWG# (TO BE FILLED IN)
REFERENCE FLORIDA STATEWIDE APPROVAL
 10. STORM PANELS HAVE BEEN DESIGNED AND TESTED TO THE MAXIMUM SPAN AND LOADS SHOWN ON THESE DRAWINGS. REFERENCE HURRICANE TEST LABORATORY, LLC (HTL), RIVIERA BEACH, FL, TEST REPORTS.
 11. PANELS MAY BE MOUNTED HORIZONTALLY WHERE APPLICABLE (i.e. WITH LINE OF ANCHORAGE IN VERTICAL DIRECTION).
 12. ALL BOLTS & WASHERS SHALL BE ZINC COATED, GALVANIZED OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 KSI.
 13. ALL ACCEPTANCE CRITERIA HAVE BEEN MET FOR THIS SHUTTER AS A NON-POROUS SYSTEM, AS DEFINED IN ASTM E1995. IN KEEPING WITH THIS STANDARD, NO MINIMUM SEPARATION FROM THE GLAZING BEING PROTECTED IS REQUIRED, AND BREAKING OF THIS GLAZING DOES NOT COMPROMISE THE BUILDING ENVELOPE.
 14. EXPOSED SIDE OPENINGS ALONG UNATTACHED EDGES OF A DEFLECTED SCREEN UNDER NEGATIVE PRESSURE SHALL BE CONSIDERED IN ORDER TO VERIFY COMPLIANCE WITH ALLOWABLE OPENING AREAS FOR EXTERIOR SURFACES AS SPECIFIED BY CODE.



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The Innovative Solutions Company
P.O. Box 4289, Houston, TX 77210-4289 South Point Dr., Houston, TX 77054
(713) 798-2322, Fax (713) 798-0494, (800) 231-7275 (toll-free), (800) 332-3441 (toll-free)

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CONSULTANTS:
James R. Bailey, P.E.
FL PE #67773
Platinum Risk Consulting LLC
4931 Chappell Hill Dr.
Missouri City, TX 77459
(281) 403-2825
FL COA #28156

CLIENT: HENDEE ENTERPRISES
LOCATION: HOUSTON, TX

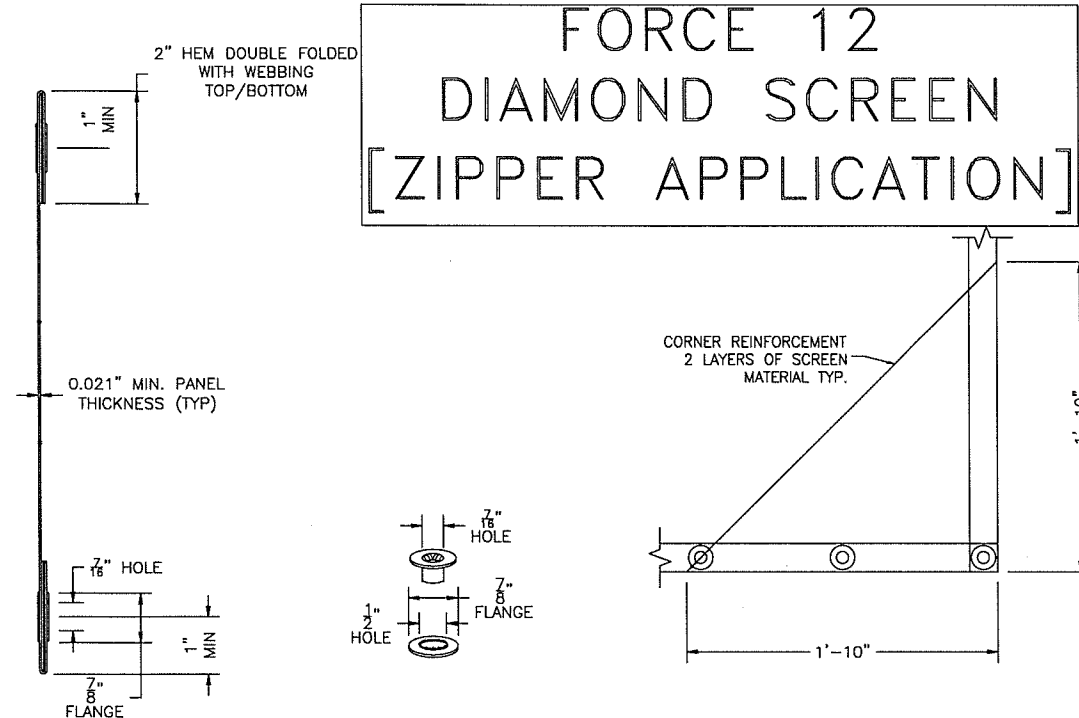
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DATE: 2/27/24
REVISION: 0

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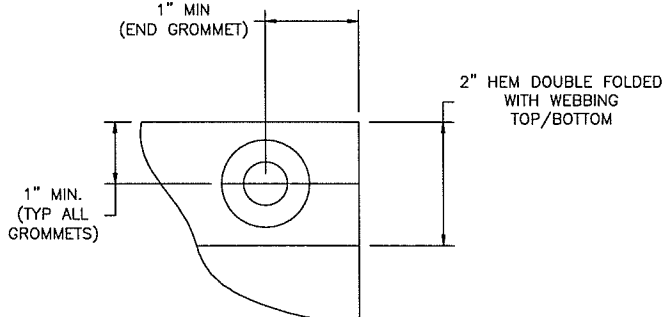
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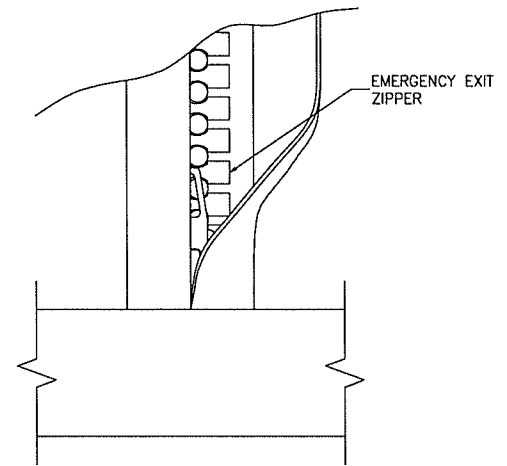
3.0 PANEL PROFILE
SCALE: NTS=1'-0"

4.0 #2 SPUR GROMMET
SCALE: NTS=1'-0"

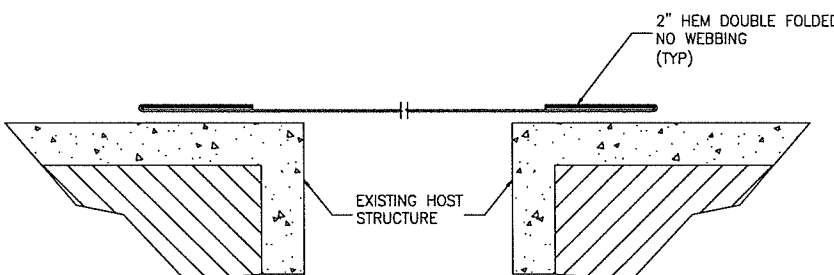
5.0 DETAIL D-D: CORNER REINFORCEMENT
SCALE: NTS=1'-0"



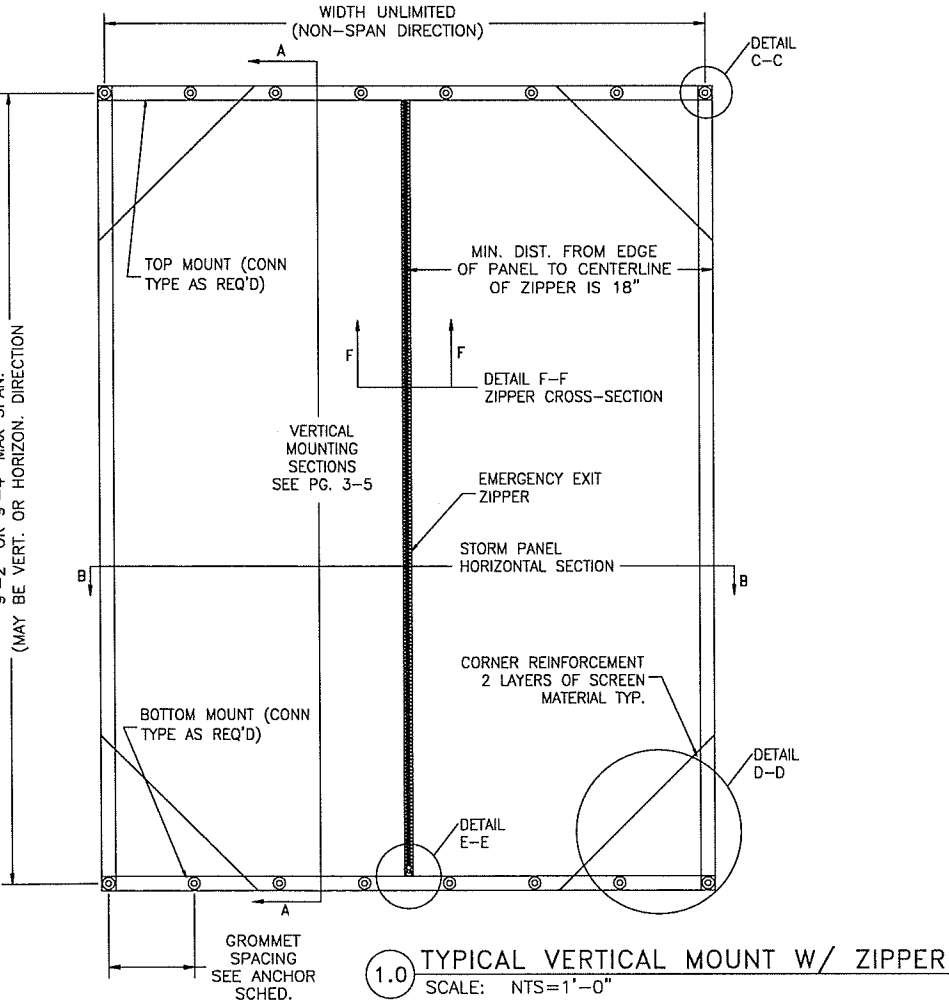
6.0 DETAIL C-C: CORNER GROMMET
SCALE: NTS=1'-0"



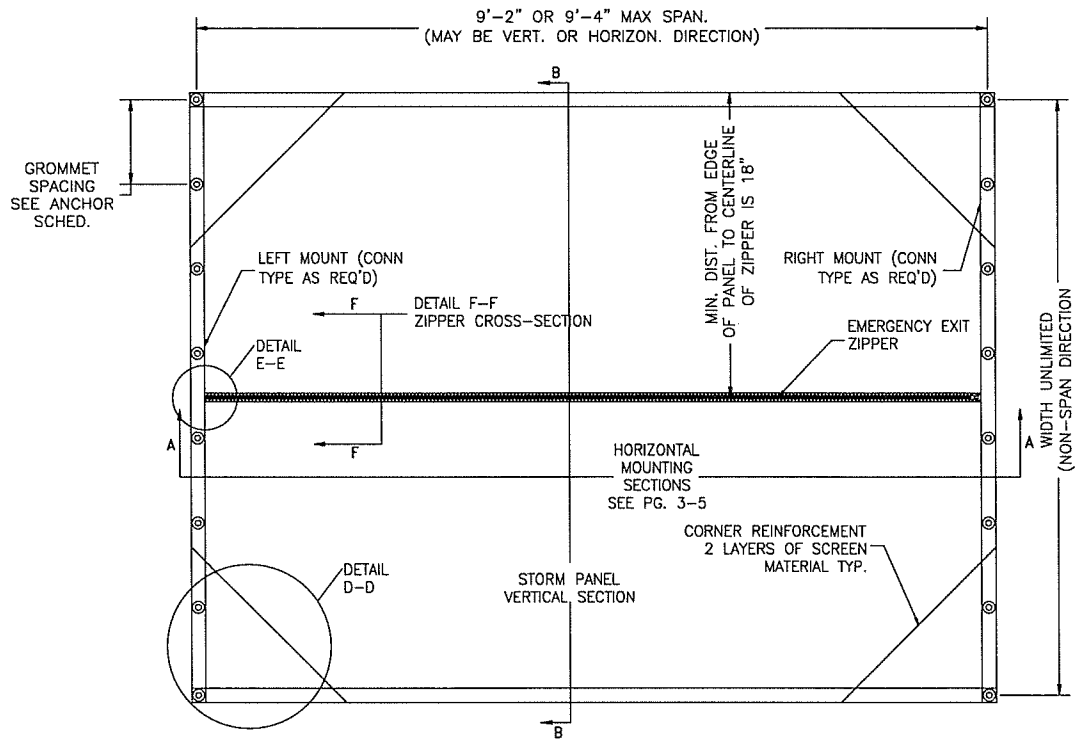
8.0 DETAIL E-E: ZIPPER POCKET
SCALE: NTS=1'-0"



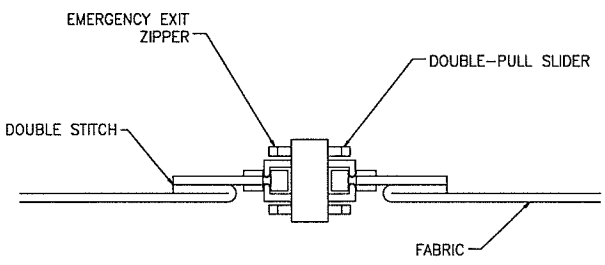
7.0 DETAIL B-B: HORIZONTAL SECTION
SCALE: NTS=1'-0"



1.0 TYPICAL VERTICAL MOUNT W/ ZIPPER
SCALE: NTS=1'-0"

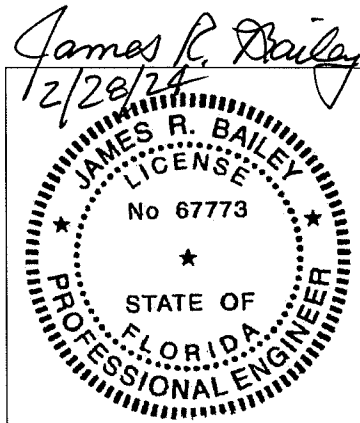


2.0 TYPICAL HORIZONTAL MOUNT W/ ZIPPER
SCALE: NTS=1'-0"



9.0 DETAIL F-F: ZIPPER CROSS SECTION
SCALE: NTS=1'-0"

*NOTE: ZIPPER MUST BE CLOSED FOR PRODUCT TO FUNCTION PROPERLY DURING USE



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DATE: 2/27/24	
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MAXIMUM ALLOWABLE PRESSURES

DIRECT MOUNT NON-ZIPPER

WOOD	CONCRETE	HOLLOW CONCRETE BLOCK
-60.0 PSF & -69.0 PSF +60.0 PSF & +69.0 PSF	-72.0 PSF & -66.0 PSF +72.0 PSF & +66.0 PSF	-61.0 PSF +61.0 PSF

MAXIMUM ALLOWABLE SPAN

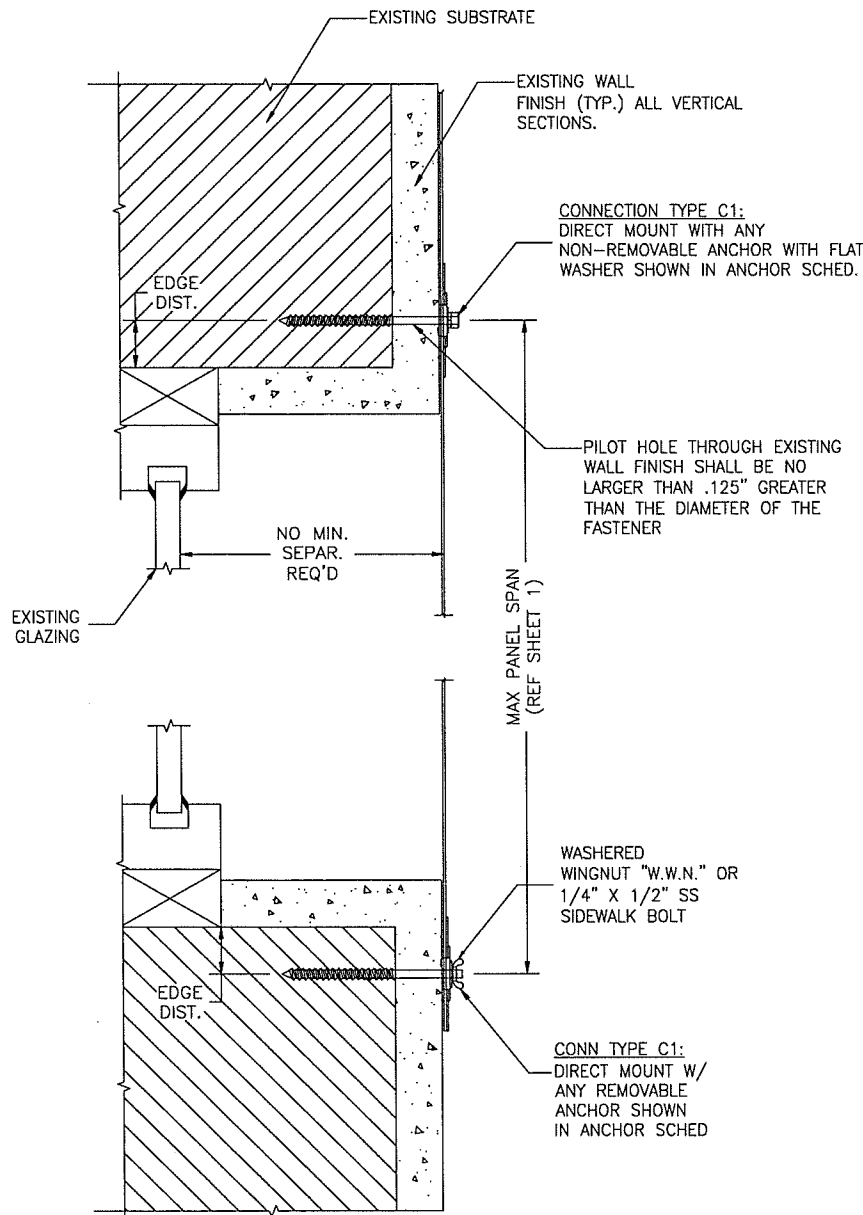
WOOD	CONCRETE & HOLLOW CONCRETE BLOCK
9'-2"	9'-4"

MINIMUM ALLOWABLE WIDTH (NON-SPAN DIMENSION) 12.0"
MINIMUM ALLOWABLE SPAN: 12.0"

MAXIMUM ALLOWABLE PRESSURES

DIRECT MOUNT ZIPPER

WOOD	CONCRETE	HOLLOW CONCRETE BLOCK
-60.0 PSF & -60.0 PSF +60.0 PSF & +60.0 PSF	-60.0 PSF & -60.0 PSF +60.0 PSF & +60.0 PSF	-60.0 PSF +60.0 PSF



1.0 DETAIL A-A: MOUNTING SECTION
SCALE: NTS=1'-0"

WOOD FRAME

HOST STRUCTURE	LOAD (psf)	3/4" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)		
		SPANS UP TO 4'-2" CONN TYPE C1	SPANS UP TO 6'-2" CONN TYPE C1	SPANS UP TO 9'-2" CONN TYPE C1
WOOD	ANCHOR			
	#14 WOOD SCREW WITH MIN. 1-1/2" MIN. EMBED	28	18"	18"
		38	18"	14"
		47	18"	12"
		54	18"	11"
		60	18"	10"
	1/4" TAPCON (ELCO) 1-1/2" MIN EMBED	21	12"	12"
		28	12"	10"
		47	12"	7"
		54	10"	6"
		60	10"	6"
	1/4" ELCO PANELMATE (MALE) WITH 1-1/2" MIN EMBED	21	12"	12"
WOOD		38	12"	9"
		47	12"	7"
		54	12"	7"
		60	11"	6"
	1/4" ELCO PANELMATE (FEMALE) WITH 1-1/2" MIN. EMBED	24	12"	12"
		38	12"	9"
		47	12"	7"
		54	12"	7"
		69	10"	6"
	3/16" SAMMY HURRICANE FASTENER WITH 1/4" X 20 INTERNAL THREAD. 1-1/2" MIN. EMBED	24	12"	12"
		38	12"	9"
		47	12"	8"
		54	12"	7"
		69	11"	6"

ANCHOR SCHEDULE 1

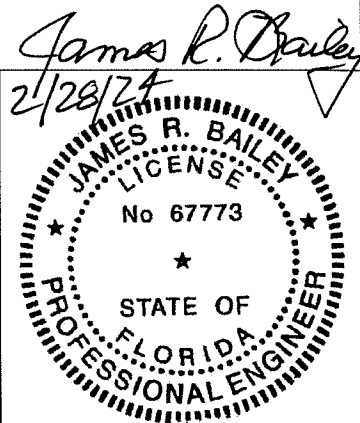
CONCRETE (3200 psi)

HOST STRUCTURE	LOAD (psf)	2" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)		
		SPANS UP TO 4'-4" CONN TYPE C1	SPANS UP TO 6'-4" CONN TYPE C1	SPANS UP TO 9'-4" CONN TYPE C1
CONCRETE	ANCHOR			
	1/4" TAPCON (ELCO) WITH 1-3/4" EMBED (3200psi MIN CONC)	29	12"	12"
		38	12"	9"
		47	12"	8"
		54	12"	7"
		72	10"	6"
	1/4" ELCO PANELMATE (MALE) WITH 1-3/4" MIN. EMBED (3200psi MIN CONC)	25	12"	12"
		38	12"	9"
		47	12"	7"
		54	12"	6"
		66	10"	6"
	1/4-20 ALL POINTS SOLID-SET ANCHOR w/ 7/8" MIN EMBED (3200psi MIN CONC)	25	18"	18"
CONCRETE		29	18"	16"
		47	18"	11"
		54	18"	10"
		72	14"	8"
	1/4" ELCO PANELMATE (FEMALE) WITH 1-1/4" MIN. EMBED	26	12"	12"
		36	12"	9"
		47	12"	7"
		54	12"	6"
		66	10"	6"
	1/4" SAMMY HURRICANE FASTENER WITH 1/4" X 20 INTERNAL THREAD. 1-1/4" MIN. EMBED	26	12"	12"
		36	12"	11"
		47	12"	9"
		54	12"	8"
		66	12"	6"

ANCHOR SCHEDULE 2

ANCHOR SCHEDULE NOTES

- 1) 1/4" TAPCONS SHALL BE BY ELCO, AS LISTED IN APPROPRIATE ANCHOR SCHEDULE. "ELCO PANELMATE" ANCHORS MAY BE MALE OR FEMALE, AS ILLUSTRATED.
- 2) ENSURE MINIMUM EDGE DISTANCE FOR ALL ANCHORS PER RESPECTIVE ANCHOR SCHEDULE. EDGE DISTANCE OF 3/4" IS ACCEPTABLE FOR ANCHORS TO WOOD. REFERENCE ANCHOR SCHEDULE FOR MINIMUM EDGE DISTANCE REQUIREMENTS FOR THESE ANCHORS.
- 3) MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
- 4) ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
- 5) WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT ANCHORS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
- 6) ANCHORS FASTENED TO NARROW FACE OF STUD FRAMING SHALL BE LOCATED IN CENTER OF NOMINAL 2x4 (MIN) WOOD STUD (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING). WOOD STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
- 7) ANCHOR SCHEDULE APPLIES FOR ALL PRODUCTS CERTIFIED HEREIN, BUT ONLY PROVIDES MAXIMUM ALLOWABLE ANCHOR SPACING. MAXIMUM ALLOWABLE SPANS AND PRESSURES INDICATED IN SPAN SCHEDULE SHALL APPLY.
- 8) MACHINE SCREWS SHALL HAVE MINIMUM OF 1/4" ENGAGEMENT OF THREADS IN BASE ANCHOR AND MAY HAVE A PAN HEAD, TRUSS HEAD, OR WAFFER HEAD ("SIDEWALK BOLT") U.N.O.
- 9) ✕ DESIGNATES ANCHORS WHICH ARE REMOVABLE AND MAY BE USED FOR DIRECT MOUNT INSTALLATIONS.



Hendee Enterprises, Inc.
The Innovative Solutions Company
P.O. Box 4989, Houston, TX 77205-4989 South East Dr., Houston, TX 77054
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CONSULTANTS:
James R. Bailey, P.E.
FL PE #67773
Platinum Risk Consulting LLC
4931 Chappel Hill Dr.
Missouri City, TX 77459
(281) 403-2825
FL COA #28156

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LOCATION: HOUSTON, TX
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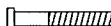
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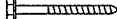
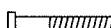
MAXIMUM ALLOWABLE PRESSURES

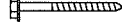
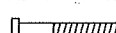
TRACK MOUNT ZIPPER		
WOOD	CONCRETE	HOLLOW CONCRETE BLOCK
-60.0 PSF & -60.0 PSF	-60.0 PSF & -60.0 PSF	-60.0 PSF
+60.0 PSF & +60.0 PSF	+60.0 PSF & +60.0 PSF	+60.0 PSF

TRACK MOUNT NON-ZIPPER		
WOOD -68.0 PSF & +68.0 PSF	CONCRETE -66.0 PSF & +66.0 PSF	HOLLOW CONCRETE BLOCK -63.0 PSF & +63.0 PSF

WOOD 9'-3"	CONCRETE 9'-4"	HOLLOW CONCRETE BLOCK 9'-3"
MINIMUM ALLOWABLE WIDTH (NON-SPAN DIMENSION)		12.0"
MINIMUM ALLOWABLE SPAN:		12.0"

HOST STRUCTURE	LOAD (psi)	3/4" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)		
		SPANS UP TO 4'-3" CONN TYPE	SPANS UP TO 6'-3" CONN TYPE	SPANS UP TO 9'-3" CONN TYPE
ANCHOR		C2	C2	C2
WOOD	#14 WOOD SCREW WITH MIN. 1-1/2" MIN. EMBED	23 14"	14"	14"
		37 14"	13"	10"
		44 14"	11"	9"
		52 13"	10"	8"
		68 11"	8"	6"
		1/4"-20 X 3/4" SQ.. HEAD THREADED STUD. WITH WASHER WING NUT SET INSIDE "F" TRACK.	23 12"	12"
		36 12"	11"	9"
		44 12"	10"	8"
		52 12"	9"	7"
		68 10"	7"	6"

HOST STRUCTURE		LOAD (psf)	2" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)		
			SPANS UP TO 4'-4" CONN TYPE C2	SPANS UP TO 6'-4" CONN TYPE C2	SPANS UP TO 9'-4" CONN TYPE C2
	ANCHOR				
CONCRETE	1/4" TAPCON (ELCO) WITH 1-3/4" EMBED (3200psi MIN CONC)	23	14"	14"	14"
		36	14"	13"	10"
		43	14"	12"	9"
		53	13"	10"	7"
		66	11"	8"	6"
		23	12"	12"	12"
	1/4"-20 X 3/4" SQ.. HEAD THREADED STUD. WITH WASHER WING NUT SET INSIDE "F" TRACK.	36	12"	11"	9"
		43	12"	10"	8"
		53	11"	9"	7"
		66	10"	8"	6"

HOST STRUCTURE	LOAD (psf)	2-1/2" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)			
		SPANS UP TO 4'-3" CONN TYPE	SPANS UP TO 6'-3" CONN TYPE	SPANS UP TO 9'-3" CONN TYPE	
ANCHOR		C2	C2	C2	
HOLLOW BLOCK	1/4" TAPCON (ELCO) WITH 1-1/4" EMBED (1500psi MIN CONC. BLOCK)	23	11"	11"	11"
		36	11"	11"	8"
		42	11"	9"	7"
		50	11"	8"	6"
		63	9"	6"	5"
		1/4"-20 X 3/4" SQ.. HEAD THREADED STUD. WITH WASHER WING NUT SET INSIDE "F" TRACK.	23	12"	12"
		36	12"	11"	9"
		42	12"	10"	8"
		50	12"	9"	7"
		63	10"	8"	6"

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MAXIMUM ALLOWABLE PRESSURES

TRACK MOUNT ZIPPER

WOOD	CONCRETE	HOLLOW CONCRETE BLOCK
-60.0 PSF & -60.0 PSF +60.0 PSF & +60.0 PSF	-60.0 PSF & -60.0 PSF +60.0 PSF & +60.0 PSF	-60.0 PSF +60.0 PSF

MAXIMUM ALLOWABLE PRESSURES

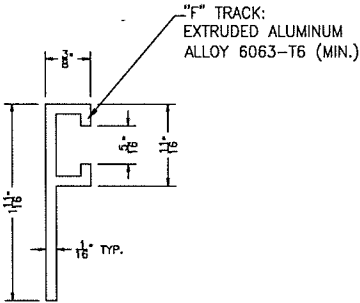
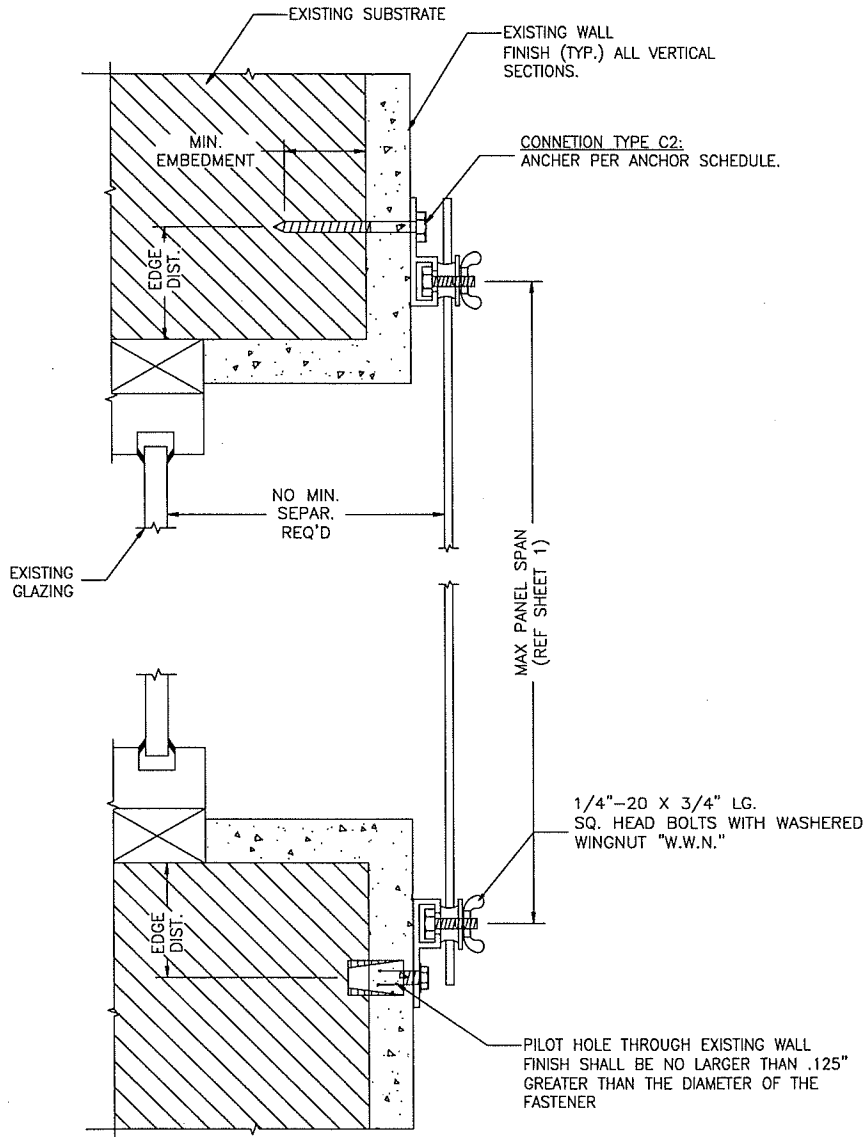
TRACK MOUNT NON-ZIPPER

WOOD	CONCRETE	HOLLOW CONCRETE BLOCK
-68.0 PSF & +68.0 PSF	-66.0 PSF & +66.0 PSF	-63.0 PSF & +63.0 PSF

MAXIMUM ALLOWABLE SPAN

WOOD	CONCRETE	HOLLOW CONCRETE BLOCK
9'-3"	9'-4"	9'-3"

MINIMUM ALLOWABLE WIDTH (NON-SPAN DIMENSION) 12.0"
MINIMUM ALLOWABLE SPAN: 12.0"



2.0 "F" TRACK
SCALE: NTS=1'-0"

CONCRETE (3200 psi)

HOST STRUCTURE	LOAD (psf)	2" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)		
		SPANS UP TO 4'-4" CONN TYPE C1	SPANS UP TO 6'-4" CONN TYPE C1	SPANS UP TO 9'-4" CONN TYPE C1
CONCRETE	ANCHOR			
	1/4-20 ALL POINTS SOLID-SET ANCHOR w/ 7/8" MIN EMBED (3200psi MIN CONC)	25	18"	18"
		29	18"	16"
		47	18"	11"
		54	18"	10"
		72	14"	8"
	1/4" ELCO PANELMATE (FEMALE) WITH 1-1/4" MIN. EMBED	26	12"	12"
		36	12"	9"
		47	10"	7"
		54	12"	9"
		66	10"	6"

ANCHOR SCHEDULE 2

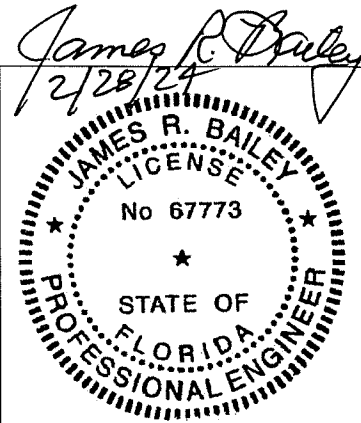
HOLLOW CONCRETE BLOCK

HOST STRUCTURE	LOAD (psf)	2" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)		
		SPANS UP TO 4'-4" CONN TYPE C1	SPANS UP TO 6'-4" CONN TYPE C1	SPANS UP TO 9'-4" CONN TYPE C1
HOLLOW BLOCK	ANCHOR			
	1/4-20 ALL POINTS SOLID-SET ANCHOR WITH MIN 7/8" EMBEDMENT	22	12"	12"
		38	12"	8"
		47	12"	7"
		54	11"	6"
		61	10"	6"
	1/4" ELCO PANELMATE (FEMALE) WITH 1-1/4" MIN. EMBED	18	10"	10"
		36	10"	6"
		47	9"	5"
		54	8"	4"
		61	7"	4"

ANCHOR SCHEDULE 3

1.0 DETAIL A-A: MOUNTING SECTION
SCALE: NTS=1'-0"

NOTE: ANCHOR SCHEDULE NOTES, SEE SHEET 3.0



Hendee Enterprises, Inc.
The Innovative Solutions Company
P.O. Box 4289, Houston, TX 77210-4289 South Point Dr., Houston, TX 77054
(713) 785-2322, Fax (713) 785-0494, (800) 231-7275 (toll-free)
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James R. Bailey, P.E.
FL PE #67773
Platinum Risk Consulting LLC
4931 Chappel Hill Dr.
Missouri City, TX 77459
(281) 403-2825
FL CO# #28156

CLIENT: HENDEE ENTERPRISES
LOCATION: HOUSTON, TX
TITLE: FORCE 12 - SERIES 100 - DIAMOND SCREEN
DATE: 2/27/24
REVISION: 0

DESCRIPTION: FLORIDA BUILDING CODE 2023 8TH EDITION
DATE: 2/27/24
BY: REV: 0
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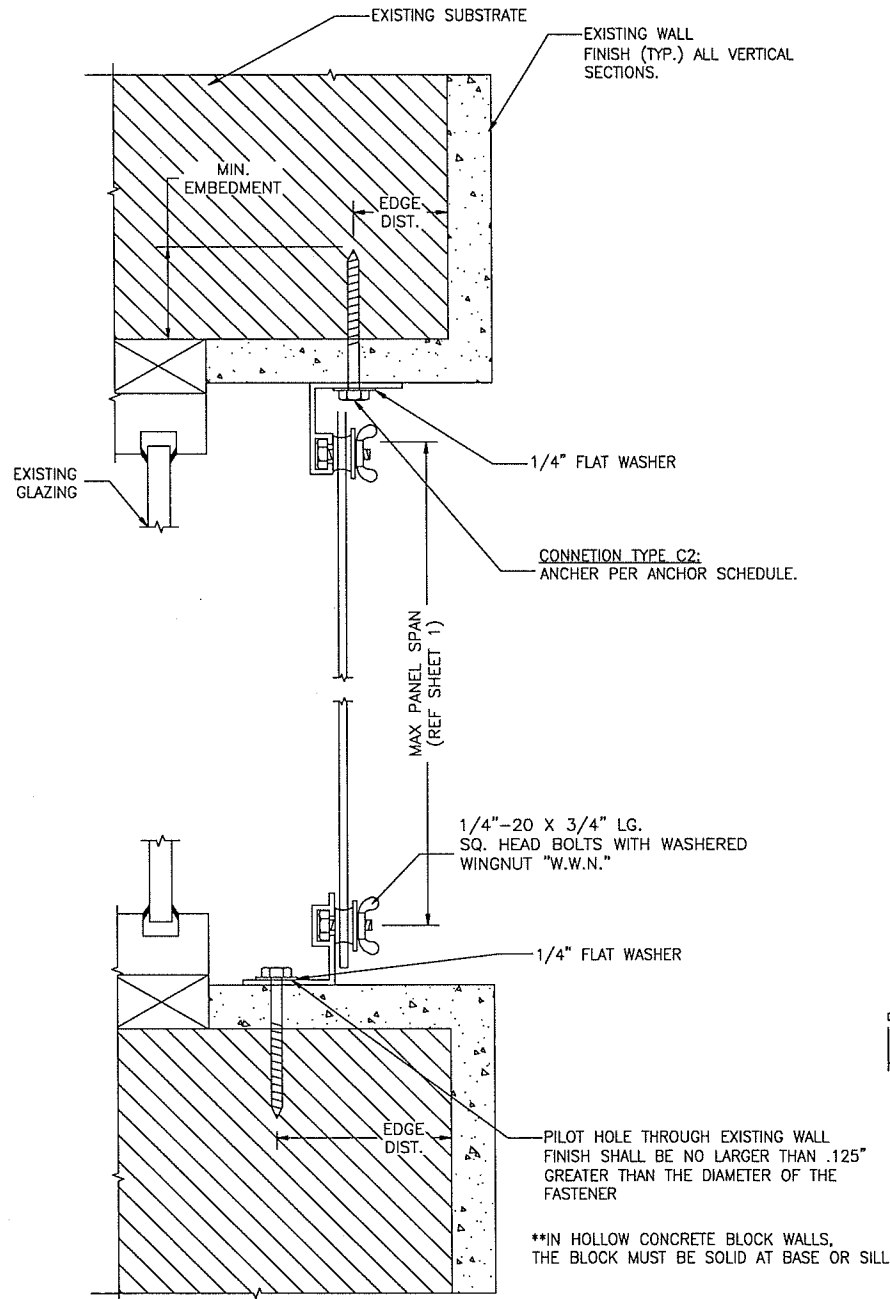
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FILE NAME: F-12 DIAMOND
JOB NUMBER: 148053
DOCUMENT DATE: 2/27/24

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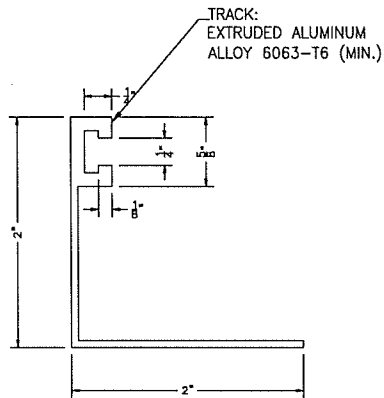
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MAXIMUM ALLOWABLE PRESSURES	
TRACK MOUNT ZIPPER	
CONCRETE -60.0 PSF & -60.0 PSF +60.0 PSF & +60.0 PSF	HOLLOW CONCRETE BLOCK -54.0 PSF +54.0 PSF

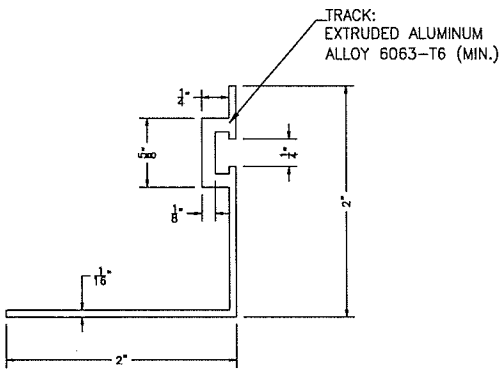
MAXIMUM ALLOWABLE PRESSURES	
TRACK MOUNT NON-ZIPPER	
CONCRETE -66.0 PSF & +66.0 PSF	HOLLOW CONCRETE BLOCK -54.0 PSF & +54.0 PSF
MAXIMUM ALLOWABLE SPAN	
CONCRETE 9'-4"	HOLLOW CONCRETE BLOCK 9'-4"
MINIMUM ALLOWABLE WIDTH (NON-SPAN DIMENSION) 12.0"	
MINIMUM ALLOWABLE SPAN: 12.0"	



1.0 DETAIL A-A: MOUNTING SECTION
SCALE: NTS=1'-0"



2.0 STUDLESS ANGLE TRACK
SCALE: NTS=1'-0"



3.0 REVERSE F TRACK
SCALE: NTS=1'-0"

NOTE: ANCHOR SCHEDULE NOTES, SEE SHEET 3.0

CONCRETE (3200 psi)

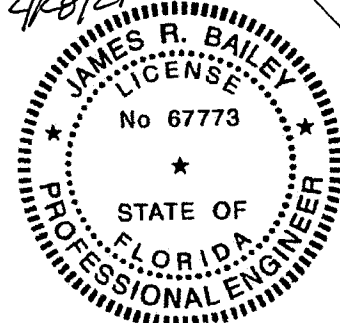
	UNIFORM LOAD (psf)	2" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)		
		SPANS UP TO 4'-4" CONN TYPE C2	SPANS UP TO 6'-4" CONN TYPE C2	SPANS UP TO 9'-4" CONN TYPE C2
1/4" TAPCON (ELCO) WITH 1-3/4" EMBED AND 1/4" FLAT SS WASHER (3200psi MIN CONC)	23 36 43 53 66	14" 14" 14" 13" 11"	14" 14" 13" 11" 9"	14" 11" 9" 8" 6"
1/4"-20 X 3/4" SQ. HEAD THREADED STUD. WITH WASHER WING NUT SET INSIDE "F" TRACK.	23 36 43 53 66	12" 12" 12" 11" 10"	12" 11" 10" 9" 8"	12" 9" 8" 7" 6"

ANCHOR SCHEDULE 2-B

HOLLOW CONCRETE BLOCK

	UNIFORM LOAD (psf)	2-1/2" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)		
		SPANS UP TO 4'-4" CONN TYPE C2	SPANS UP TO 6'-4" CONN TYPE C2	SPANS UP TO 9'-4" CONN TYPE C2
1/4" TAPCON (ELCO) WITH 1-1/4" EMBED AND 1/4" FLAT SS WASHER (1500psi MIN CONC. BLOCK)	18 28 34 42 54	11" 11" 11" 10" 8"	11" 10" 9" 8" 6"	11" 8" 7" 6" 5"
1/4"-20 X 3/4" SQ. HEAD THREADED STUD. WITH WASHER WING NUT SET INSIDE "F" TRACK.	18 28 34 42 54	12" 12" 12" 12" 11"	12" 12" 12" 10" 9"	12" 10" 9" 8" 7"

ANCHOR SCHEDULE 3-B



Hendee Enterprises, Inc.
The Innovative Solutions Company
P.O. Box 4284, Houston, TX 77210-4284 South Point Dr., Houston, TX 77054
(713) 795-2322 Fax (713) 795-0494, (800) 231-7275 (toll free)
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CONSULTANTS:
James R. Bailey, P.E.
FL PE #67773
Platinum Risk Consulting LLC
4931 Chappel Hill Dr.
Missouri City, TX 77459
(281) 403-2825
FL COA #28156

CLIENT: HENDEE ENTERPRISES
LOCATION: HOUSTON, TX
TITLE: FORCE 12 - SERIES 100 - DIAMOND SCREEN
DATE: 2/27/24
REVISION: 0

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MAXIMUM ALLOWABLE PRESSURES

TRACK MOUNT ZIPPER

CONCRETE	HOLLOW CONCRETE BLOCK
-60.0 PSF & -60.0 PSF	-54.0 PSF
+60.0 PSF & +60.0 PSF	+54.0 PSF

MAXIMUM ALLOWABLE PRESSURES

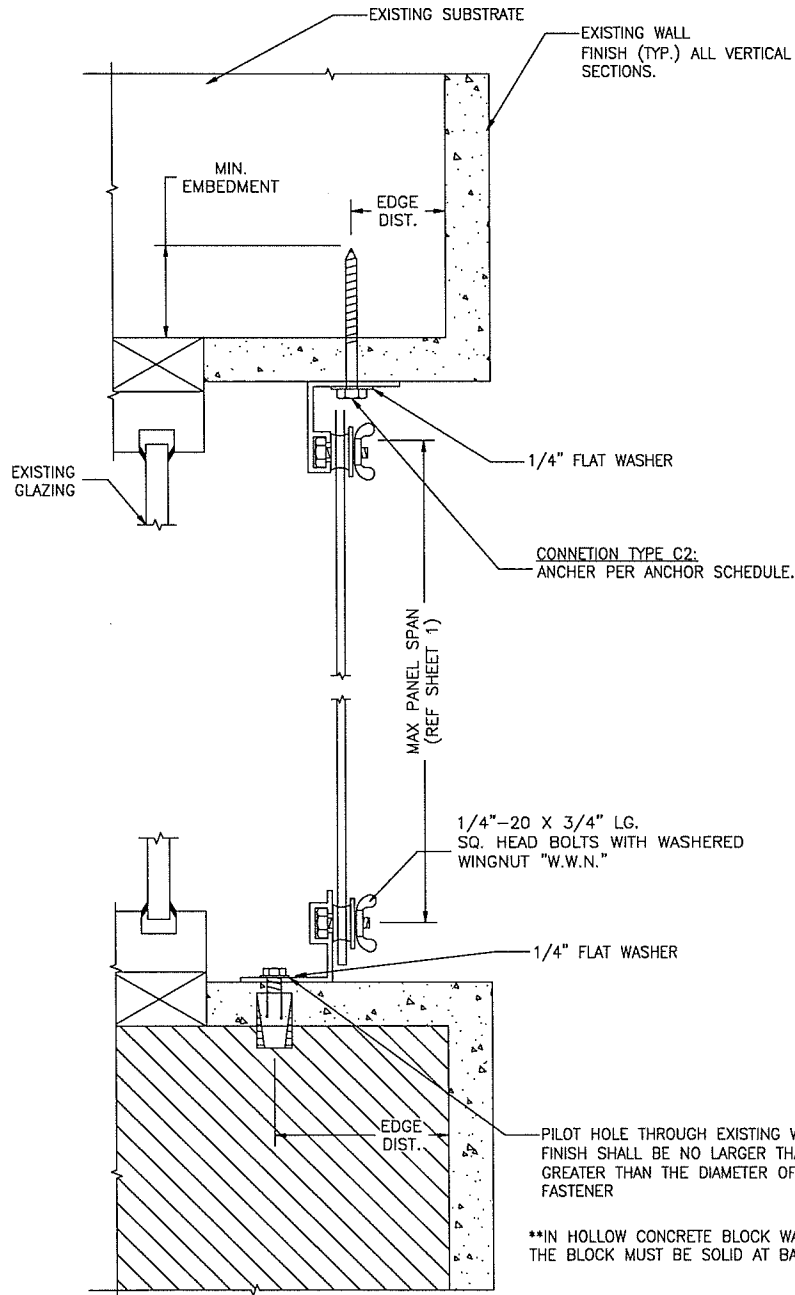
TRACK MOUNT NON-ZIPPER

CONCRETE	HOLLOW CONCRETE BLOCK
-66.0 PSF & +66.0 PSF	-54.0 PSF & +54.0 PSF

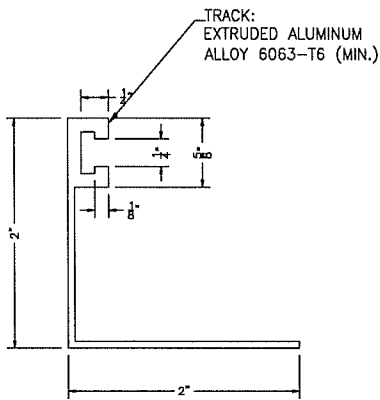
MAXIMUM ALLOWABLE SPAN

CONCRETE	HOLLOW CONCRETE BLOCK
9'-4"	9'-4"

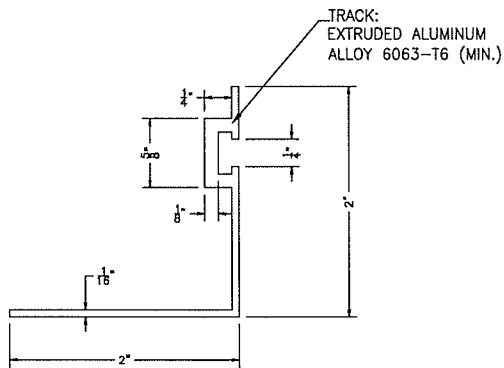
MINIMUM ALLOWABLE WIDTH (NON-SPAN DIMENSION) 12.0"
MINIMUM ALLOWABLE SPAN: 12.0"



1.0 DETAIL A-A: MOUNTING SECTION
SCALE: NTS=1'-0"



2.0 STUDLESS ANGLE TRACK
SCALE: NTS=1'-0"



3.0 REVERSE F TRACK
SCALE: NTS=1'-0"

CONCRETE (3200 psi)

HOST STRUCTURE	LOAD (psf)	2" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)		
		SPANS UP TO 4'-4" CONN TYPE	SPANS UP TO 6'-4" CONN TYPE	SPANS UP TO 9'-4" CONN TYPE
CONCRETE	ANCHOR	C1	C1	C1
	1/4-20 ALL POINTS SOLID-SET ANCHOR w/ 7/8" MIN EMBED (3200psi MIN CONC)	18"	18"	18"
	29	18"	18"	16"
	47	18"	15"	11"
	54	18"	13"	10"
	72	14"	11"	8"
	1/4" ELCO PANELMATE (FEMALE) WITH 1-1/4" MIN. EMBED	12"	12"	12"
	36	12"	12"	9"
	47	12"	10"	7"
	54	12"	9"	6"
	66	10"	8"	6"

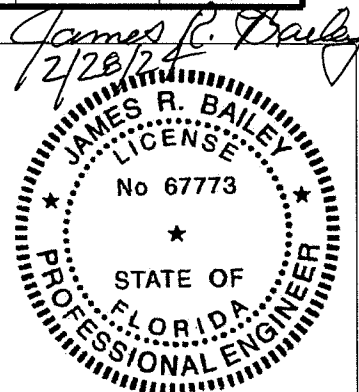
ANCHOR SCHEDULE 2

HOLLOW CONCRETE BLOCK

HOST STRUCTURE	LOAD (psf)	2" MIN EDGE DISTANCE (UNLESS NOTED OTHERWISE)		
		SPANS UP TO 4'-4" CONN TYPE	SPANS UP TO 6'-4" CONN TYPE	SPANS UP TO 9'-4" CONN TYPE
HOLLOW BLOCK	ANCHOR	C1	C1	C1
	1/4-20 ALL POINTS SOLID-SET ANCHOR WITH MIN 7/8" EMBEDMENT	12"	12"	12"
	38	12"	11"	8"
	47	12"	9"	7"
	54	11"	8"	6"
	61	10"	7"	6"
	1/4" ELCO PANELMATE (FEMALE) WITH 1-1/4" MIN. EMBED	18"	10"	10"
	36	10"	8"	6"
	47	9"	6"	5"
	54	8"	6"	4"
	61	7"	5	4"

ANCHOR SCHEDULE 3

NOTE: ANCHOR SCHEDULE NOTES, SEE SHEET 3.0



CONSULTANTS:
James R. Bailey, P.E.
FL PE #67773

Platinum Risk Consulting LLC
4931 Chappel Hill Dr.
Missouri City, TX 77459

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FL COA #28156

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TITLE: FORCE 12 - SERIES 100 - DIAMOND SCREEN

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The Innovative Solutions Company
P.O. Box 4289 Houston, TX 77210-4289 South Faint Dr., Houston, TX 77064
(713) 795-2322 Fax (713) 795-0484, (800) 231-7275 (Nat'l), (800) 323-3841 (Texas)

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