

BEST ROLLING DOORS, INC.

STEEL ROLL-UP DOORS

MODEL S10-6565

RATED FOR LARGE IMPACT RESISTANCE

VALID FOR USE INSIDE AND OUTSIDE THE HVHZ

NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. A DESIGN PROFESSIONAL SHALL BE RESPONSIBLE FOR CERTIFYING THE APPLICATION OF THIS INFORMATION TO ANY SITE-SPECIFIC LOCATION.

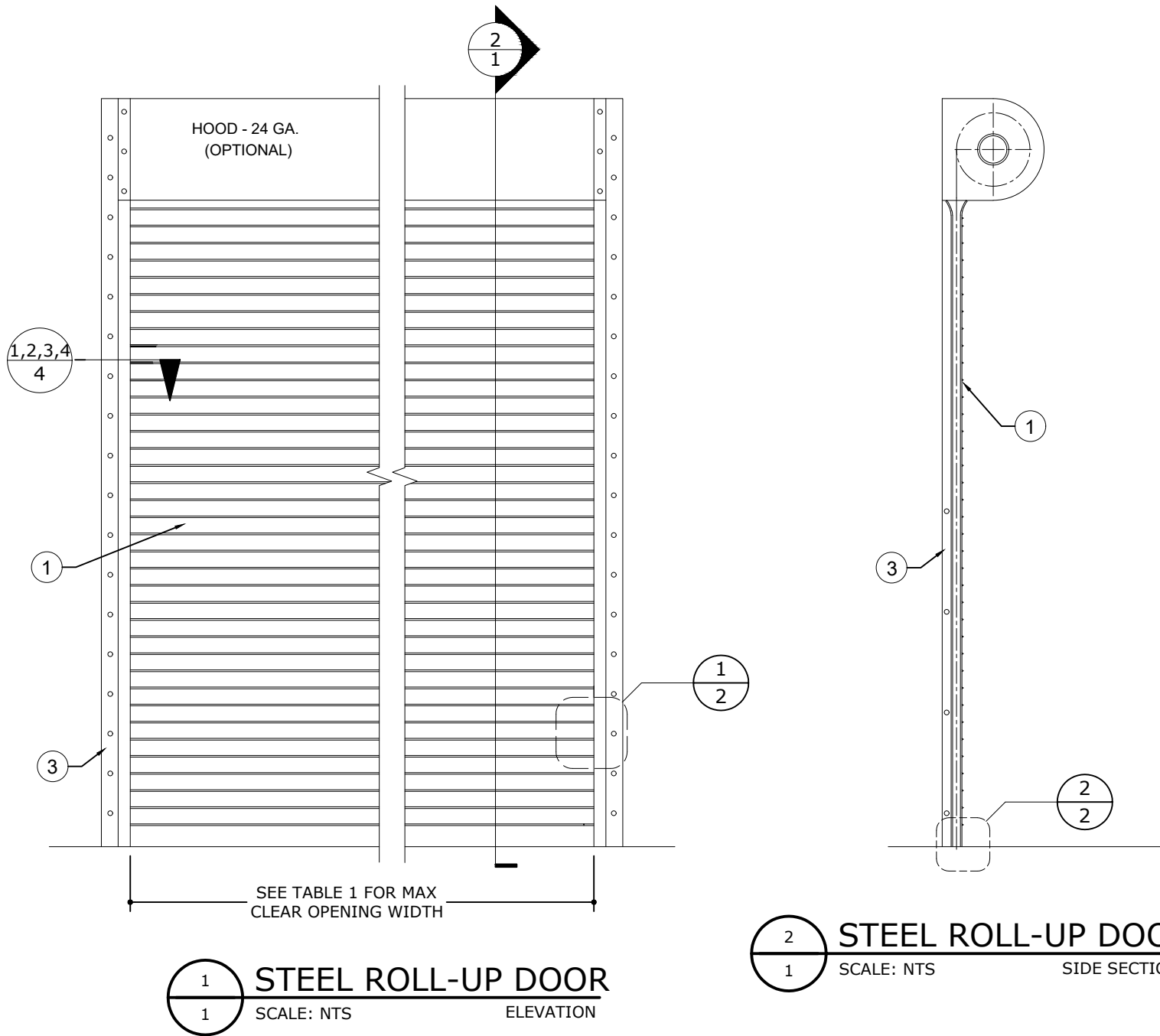


TABLE 1: MAXIMUM ALLOWABLE PRESSURE AND CLEAR OPENING WIDTH

MODEL #	MAXIMUM CLEAR OPENING WIDTH	MAXIMUM ALLOWABLE PRESSURE
S10-6565	30'-4 1/2"	+40psf / -40psf

INDEX

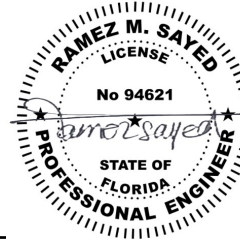
SHEET # | DESCRIPTION

1. COVER SHEET
2. SYSTEM DETAILS
3. SYSTEM DETAILS
4. SYSTEM COMPONENTS

NOTE REGARDING USE OF THIS DOCUMENT & USE OUTSIDE FLORIDA:
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RAMEZ SAYED, P.E.
PE# 94621 CA# 9885



Digitally signed by
Ramez Sayed, PE
Date: 2026.09.29
16:40:10 -04'00'

GENERAL NOTES:

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE NINTH EDITION (2026) FOR USE OUTSIDE THE HIGH VELOCITY HURRICANE ZONE, PER TAS 201, 202, AND 203 STANDARDS. SEE PRODUCT EVALUATION REPORT FOR MORE INFORMATION.
2. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED PER SEPARATE ENGINEERING IN ACCORDANCE WITH THE GOVERNING CODE. PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7-22 AND THE FLORIDA BUILDING CODE SHALL BE LESS THAN OR EQUAL TO THE POSITIVE OR NEGATIVE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN (TABLE 1) FOR ANY ASSEMBLY AS SHOWN.
3. ALLOWABLE DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT. THESE INSTALLATION INSTRUCTIONS ARE PART OF A PRODUCT APPROVAL EVALUATION AND SHALL ONLY BE USED IN CONJUNCTION WITH THE EVALUATION REPORT SUBMITTED FOR THE SAME PRODUCT APPROVAL.
5. SLATS TO BE A.S.T.M. A-653 GR 50 STRUCTURAL QUALITY STEEL WITH MIN. Fy = 50 KSI AND G-90 GALVANIZING PER A.S.T.M. A-653, OR A.I.S.I. 304 SERIES STAINLESS STEEL MANUFACTURED WITH A MINIMUM YIELD STRENGTH OF Fy = 50 KSI.
6. WINDLOCKS SHALL BE 11 GA PLATED STEEL. A.S.T.M. A-1011
7. ALL ASSEMBLY BOLTS TO BE S.A.E. GRADE 2 CADMIUM PLATED OR GALVANIZED STEEL.
8. ALL RIVETS TO BE A.I.S.I. 1035 STEEL, CADMIUM PLATED, STAINLESS STEEL OR ZINC PLATED W/ Fy= 37,000 PSI.
9. FOR PERMANENT OUTDOOR INSTALLATIONS, ALL EXPOSED ANCHORS, FASTENERS, CONNECTORS, AND METAL PLATES SHALL BE CORROSION RESISTANT. CORROSION RESISTANCE MAY BE PROVIDED BY INHERENT MATERIAL COMPOSITION OR, WHERE PERMITTED BY CODE, BY AN APPROVED PROTECTIVE COATING OR GALVANIZATION. WHERE APPLICABLE NEAR A SALTWATER COASTLINE, SUCH COMPONENTS SHALL COMPLY WITH FBC SECTION 1711, INCLUDING APPLICABLE REQUIREMENTS FOR EXPOSED, PROTECTED, OR ENCLOSED CONDITIONS. MATERIALS, COATINGS, AND FINISHES SHALL BE COMPATIBLE WITH CONNECTED MATERIALS, AND PROTECTIVE COATINGS SHALL BE CONTINUOUS OVER EXPOSED SURFACES. FASTENERS USED WITH ALUMINUM MEMBERS SHALL ALSO COMPLY WITH SECTION J.3.7.2 OF THE ALUMINUM DESIGN MANUAL, "SPECIFICATION FOR ALUMINUM STRUCTURES." SUBSTITUTION OF COMPONENTS FROM ALTERNATE MANUFACTURERS, OR WITH DIFFERENT MATERIALS, COATINGS, OR FINISHES, SHALL NOT BE ASSUMED EQUIVALENT AND MAY REQUIRE ADDITIONAL ENGINEERING REVIEW OR SITE-SPECIFIC ANALYSIS.
10. INSULATION MATERIAL SHALL BE EPS-EXPANDED POLYSTYRENE INSULATION MANUFACTURED BY DYPLAST PRODUCTS LLC COMPANY, MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE # 17-1207.05 OR LATEST VERSION.
11. DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL. DOOR IMPACTED ON BOTH SIDES.
12. GUIDE DETAILS CAN BE USED IN ANY COMBINATION.
13. ROLL-UP MECHANISM AND HOOD ASSEMBLY ARE NOT PART OF THIS APPROVAL.
14. THIS DOCUMENT CONTAINS INFORMATION RELEVANT TO THE NECESSARY STRUCTURAL REQUIREMENTS OF THE SYSTEM INSTALLATION. COMPONENTS AND FASTENERS NOT REFERENCED WHICH ARE PART OF THE INTERNAL FABRICATION OF THE SPECIFIED SYSTEMS OR ASSEMBLIES SHALL BE PER MANUFACTURER PUBLISHED SPECIFICATIONS.
15. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS OUTLINED HEREIN.
16. UNITS SHALL BE LABELED IN ACCORDANCE WITH THE FLORIDA BUILDING COMMISSION AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATION.
17. CONTRACTOR SHALL BE RESPONSIBLE TO INSULATE DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
18. WATERPROOFING IS NOT PART OF THIS CERTIFICATION AND SHALL BE CERTIFIED BY OTHERS.
19. ALTERATIONS ADDITIONS OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS
20. CERTIFICATION.EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED

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Phn. (305) 698-3550

STEEL ROLL-UP DOORS

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FLORIDA STATEWIDE APPROVAL (FSA FL#10706.2)

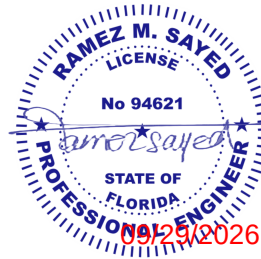
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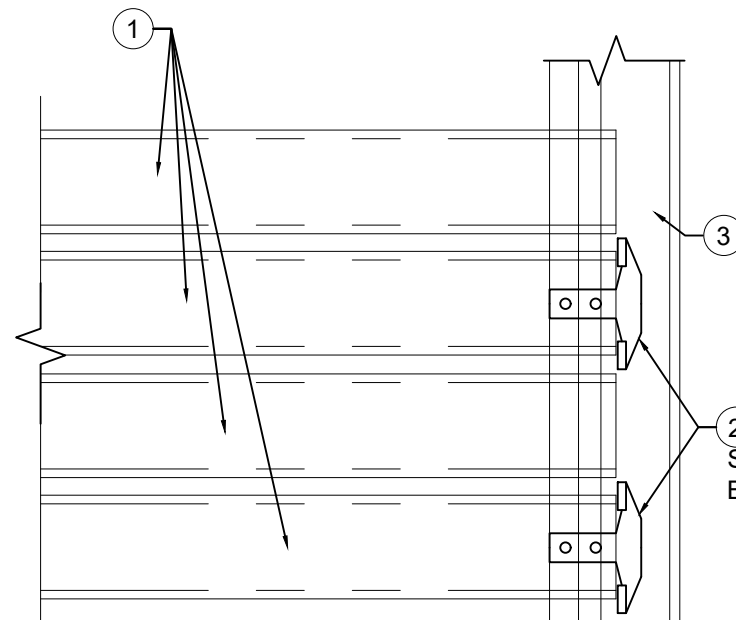
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FBC 2023(23-62056b)	AMZ	RS	09/29/23
2026 FBC UPDATE	NRD	RS	08/03/26
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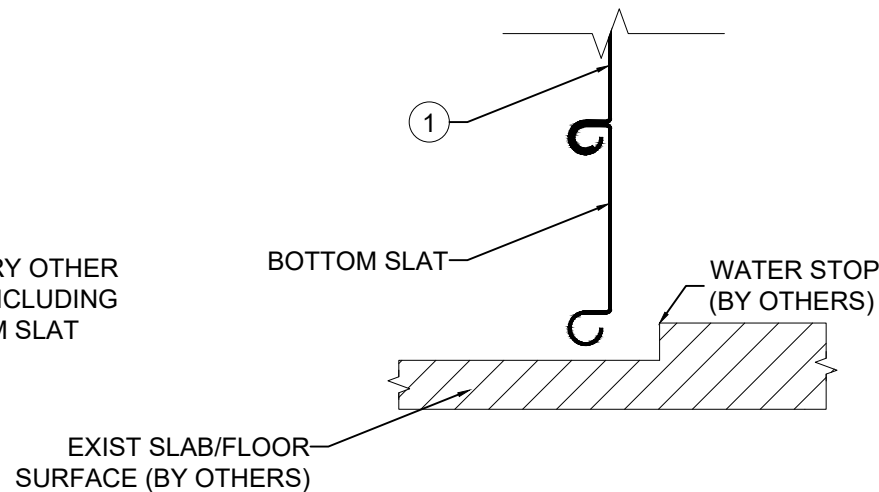
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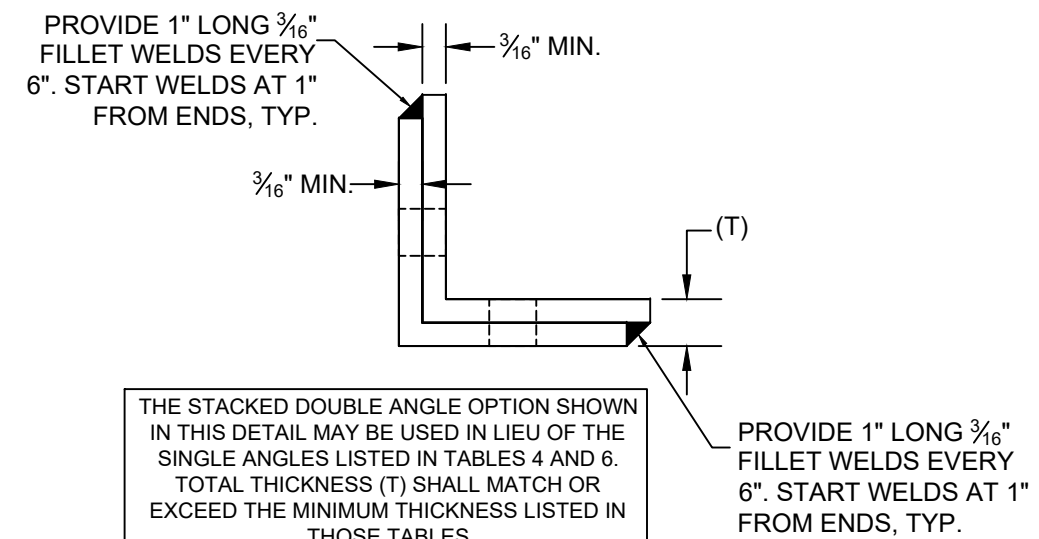
2



SLAT TO CHANNEL



2 BOTTOM SLAT
2 SCALE: NTS SECTION

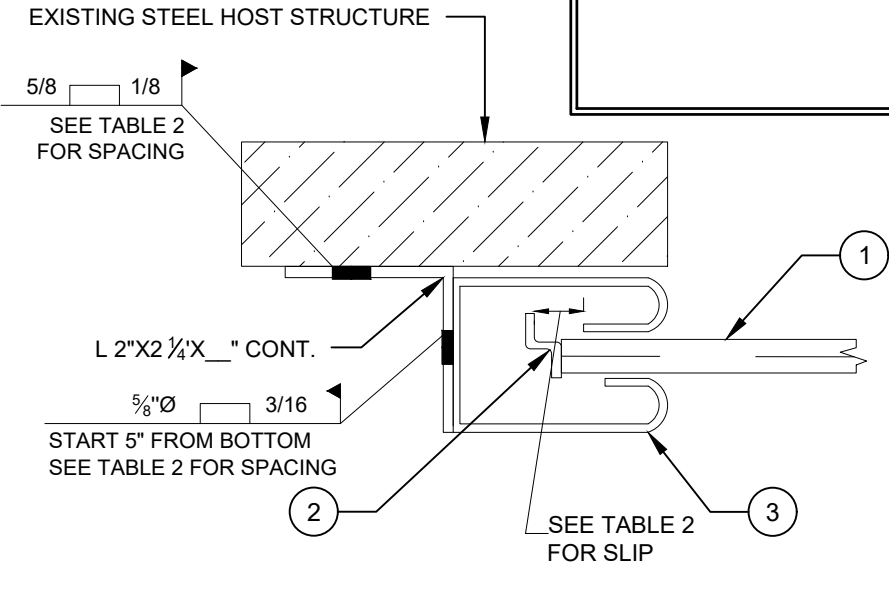
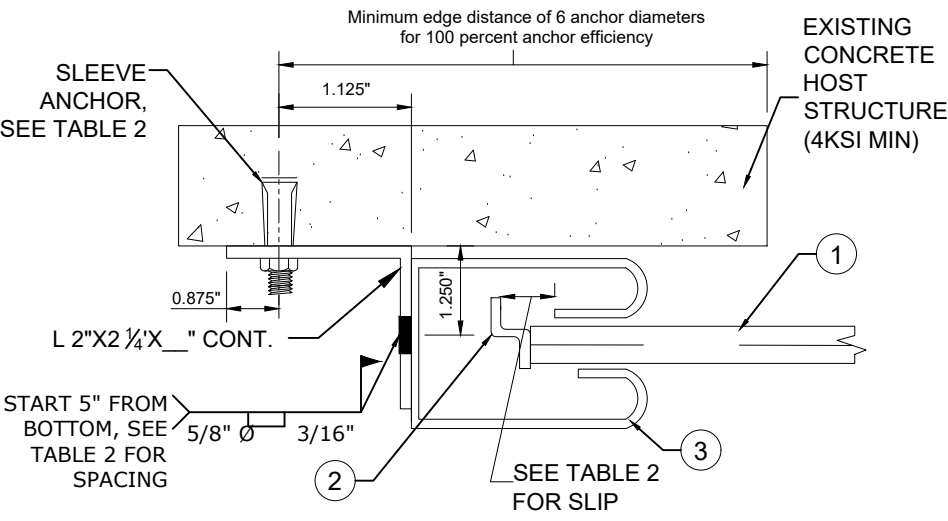
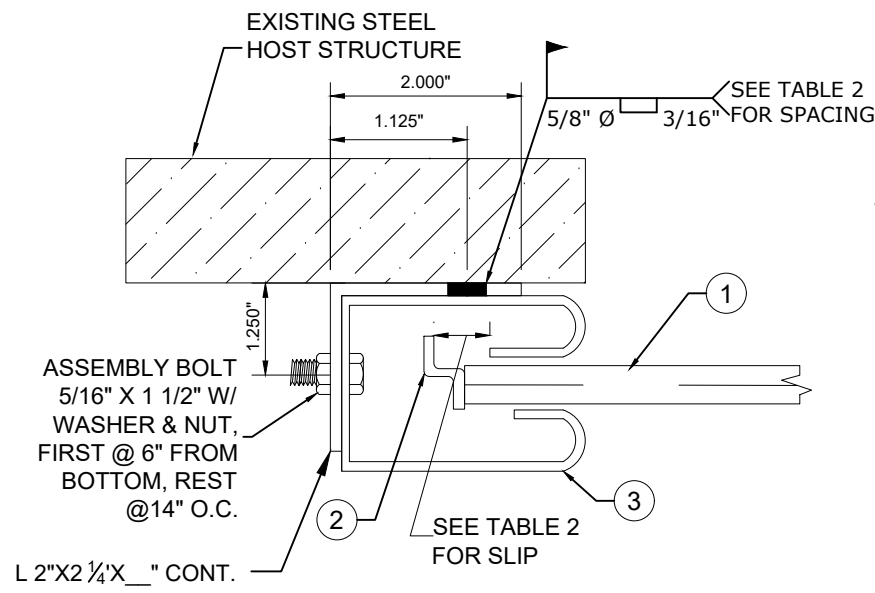
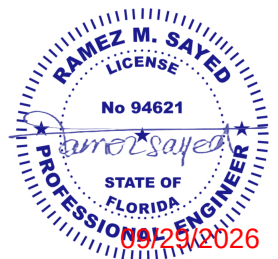


WALL ANGLE STACKING OPTION

JAMB CONNECTIONS
MODEL #S10-6565

RAMEZ SAYED, P.E.
PE# 94621 CA# 9885

FL



1
4
CHANNEL JAMB TO STEEL 1
(MODEL S10-6565)
SCALE: NTS SECTION

2
4
CHANNEL JAMB TO CONCRETE 1
(MODEL S10-6565)
SCALE: NTS SECTION

3
4
CHANNEL JAMB TO STEEL 2
(MODEL S10-6565)
SCALE: NTS SECTION

TABLE 2: MODEL #S10-6565 JAMB CONNECTIONS

DOOR OPENING WIDTH	SLIP EACH END	ANCHORS TO CONCRETE JAMB fc= 4000 psi		FIELD WELD TO STEEL JAMB Based on a minimum wall angle thickness: 3/16"		WALL ANGLE THICKNESS Gr50 Fy = 50 ksi, see detail 3/2 for angle stacking options	
		WALL ANGLE TO JAMB		CHANNEL GUIDE		CHANNEL GUIDE	
		HILTI Kwik Bolt 3 or Dynabolt Sleeve Anchor *		PLUG WELD WALL ANGLE TO JAMB	PLUG WELD CHANNEL TO WALL ANGLE	E-GUIDE STEEL JAMB	Z-GUIDE CONCRETE JAMB
		dia. x embedment x spacing					
30'- 4-1/2"	1.50	5/8" x 4" @ 11-3/4" o.c.		5/8" dia. x 3/16" @ 10" o.c.	5/8" dia. x 3/16" @ 12" o.c.	1/4"	1/4"
25'- 0"	1.50	5/8" x 4" @ 16" o.c.		5/8" dia. x 3/16" @ 12" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"
20'- 0"	1.50	5/8" x 4" @ 16" o.c.		5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"
16'- 0"	1.00	5/8" x 4" @ 16" o.c.		5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"
14'- 0"	0.75	5/8" x 4" @ 16" o.c.		5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"
12'- 0"	0.50	5/8" x 4" @ 16" o.c.		5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"
8'- 0"	0.25	5/8" x 4" @ 16" o.c.		5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"
4'- 0"	0.50	5/8" x 4" @ 16" o.c.		5/8" dia. x 3/16" @ 14" o.c.	5/8" dia. x 3/16" @ 14" o.c.	3/16"	3/16"

* FIRST AND LAST ANCHOR SHALL BE 7" MAXIMUM FROM END OF ANGLE

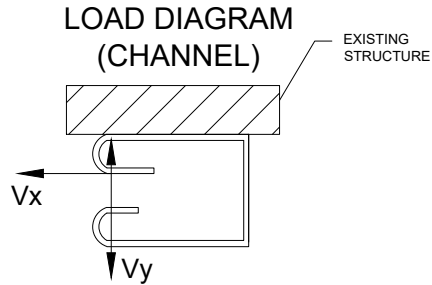
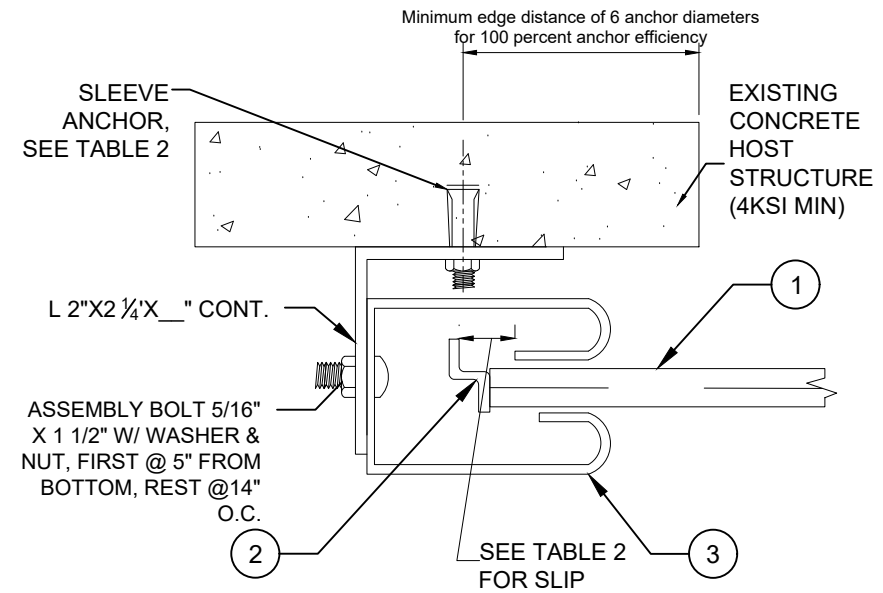


TABLE 3: MODEL #S10-6565 JAMB REACTIONS

Design Wind Load (psf)	Opening Width	Design Slip	Vx (lb/ft)	Vy (lb/ft)
+40 / -40	12'-0"	1/2"	916	242
	16'-0"	1"	1136	322
	20'-0"	1 1/2"	1372	402
	25'-0"	1 1/2"	1988	502
	30'- 4 1/2"	1 1/2"	2703	610



4
4
CHANNEL JAMB TO CONCRETE 2
(MODEL S10-6565)
SCALE: NTS SECTION

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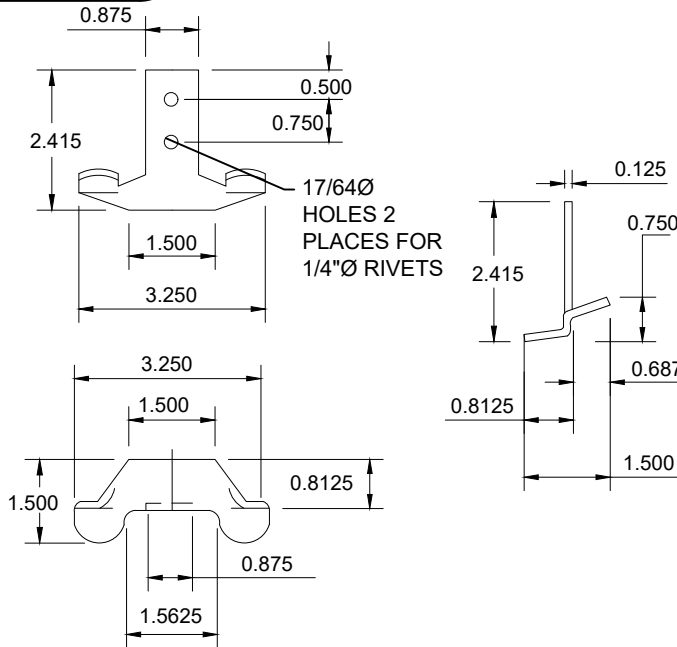
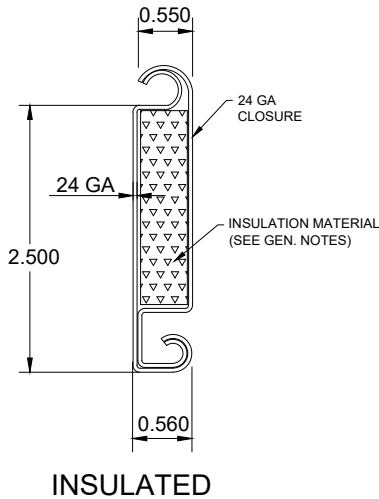
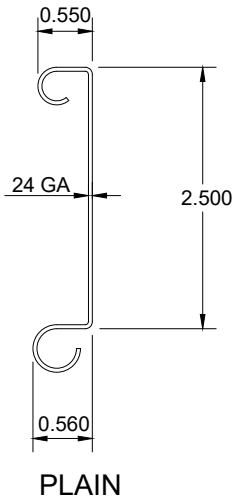
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DATE	DRWN	CHKD	DATE	DRWN	CHKD	DATE	DRWN	CHKD	DATE	DRWN	CHKD
08/16/17	RWN	FLB	08/16/17	RWN	FLB	08/16/17	RWN	FLB	08/16/17	RWN	FLB
01/25/21	JEM	FLB	01/25/21	JEM	FLB	01/25/21	JEM	FLB	01/25/21	JEM	FLB
09/29/23	AMZ	RS	09/29/23	AMZ	RS	09/29/23	AMZ	RS	09/29/23	AMZ	RS
08/03/26	NRD	RS	08/03/26	NRD	RS	08/03/26	NRD	RS	08/03/26	NRD	RS

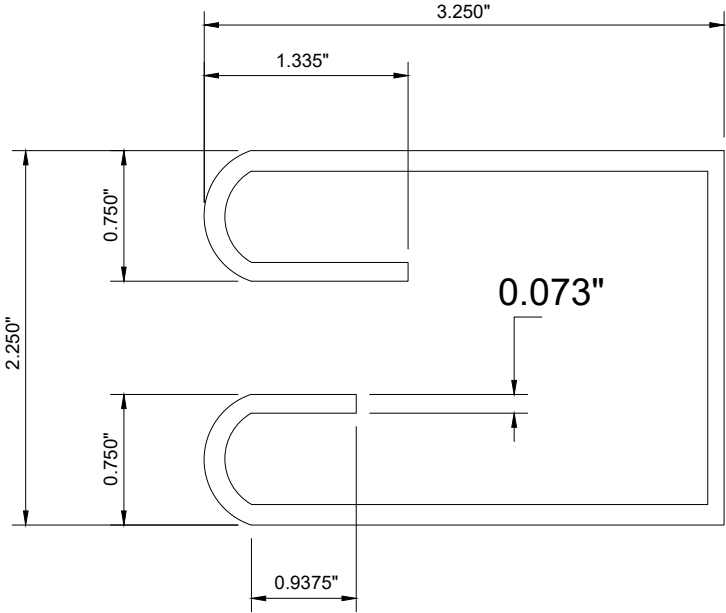
SYSTEM COMPONENTS
MODEL S10-6565



1 FLAT SLAT (Model S10-6565)
SCALE: NTS STEEL*

2 WINDLOCK
SCALE: NTS STEEL (ASTM A-1011)

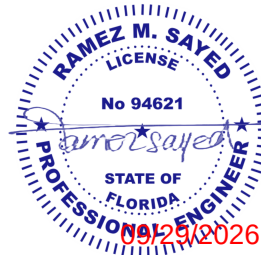
***SLAT STEEL NOTE:**
SLAT TO BE A.S.T.M. A-653 GR 50 STRUCTURAL QUALITY STEEL WITH MIN.
FY = 50 KSI AND G-90 GALVANIZING PER A.S.T.M. A-653, OR A.I.S.I. 304
SERIES STAINLESS STEEL MANUFACTURED WITH A MINIMUM YIELD
STRENGTH OF FY = 50 KSI.



3 CHANNEL GUIDE (Model S10-6565)
SCALE: NTS STEEL (Fy=30KSI MIN.)

RAMEZ SAYED, P.E.
PE# 94621 CA# 9885

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