

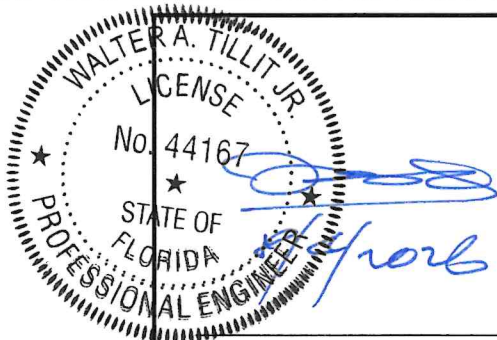
GENERAL NOTES:

- 1- ROLL-UP DOOR SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR CODE COMPLIANCE IN ACCORDANCE WITH THE 2026 (9th EDITION) OF THE FLORIDA BUILDING CODE.
- DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE, FOR A WIND SPEED AS REQUIRED BY JURISDICTION WHERE THIS PRODUCT WILL BE INSTALEED AND FOR A DIRECTIONALITY FACTOR $K_d=0.85$, USING ASCE 7-22 AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 1.
- IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL FIRST BE REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE WITH MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 1.
- ROLL-UP DOOR'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER FENESTRATION TESTING LABORATORY, INC. REPORT # 6451, PER TAS-201, TAS-202 & TAS-203 PROTOCOLS.

MAX. A.S.D. DESIGN PRESSURE RATING: +60.0, -60.0 PSF. 9Lb, 2"X4" 50ft/Sec MISSILE.

- 2- SLAT TO BE A.S.T.M. A-653 GR 40 STRUCTURAL QUALITY STEEL WITH MIN $F_y = 47.0$ 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 $F_y = 47.0$ ksi.
- 3- ALL STEEL ANGLES SHALL BE A.S.T.M. A-36 DESIGNATION, SHOP PRIMED AGAINST CORROSION PRIOR TO INSTALLATION. PAINT SHALL CONFORM TO FEDERAL SPECIFICATIONS CORRESPONDING TO RED OXIDE PAINT OR EQUAL.
- 4- WINDLOCKS SHALL BE "MALLEABLE IRON" $F_y = 42$ ksi OR A.I.S.I. DESIGNATION STEEL W/ $F_y = 40$ ksi., CHROME OR NICKEL PLATED.
- 5- ALL ASSEMBLY BOLTS SHALL BE S.A.E. GRADE 2 GALVANIZED STEEL, WITH 1000 hrs CORROSION RESISTANCE PER ASTM B-117.
- 6- STEEL WINDBARS SHALL BE A.S.T.M. A-36 DESIGNATION, SHOP PRIMED PRIOR TO INSTALLATION. PAINT TO CONFORM TO FEDERAL SPECIFICATIONS CORRESPONDING TO RED OXIDE PAINT OR EQUAL.
- 7- HOOD SHALL BE 24 GA. A.S.T.M. A-653 DESIGNATION G-90 FINISH TYPE COATING.
- 8- ALL RIVETS SHALL BE A.I.S.I. C1006 SPHERODIZED ANNEALED ALUMINUM LOW CARBON COLD HEADING QUALITY STEEL, ZINC PLATED, W/ 55.0 ksi. MINIMUM TENSILE STRENGTH, AS MANUFACTURED BY UNIVERSAL RIVET, INC., WHIT 1000 hrs CORROSION RESISTANCE PER ASTM B-117.
- 9- CONCRETE ANCHORS SHALL BE AS MANUFACTURED BY DEWALT AND RED HEAD, AND SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER. ANCHORS IN CONFORMANCE WITH SECTION 1711 OF THE FLORIDA BUILDING CODE.
- 10- ALL WELDING SHALL CONFORM TO AMERICAN WELDING SOCIETY'S AWS D1.1 REGULATIONS. USE A.W.S A5.1 OR A5.5 E60XX ELECTRODES MIN. 3/16" FILLET SIZE.
- 11- INSULATION MATERIAL SHALL BE EPS-EXPANDED POLYSTYRENE INSULATION, MANUFACTURED BY DYPLAST PRODUCTS LLC. WITH MIAMI DADE COUNTY APPROVAL.
- 12- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE EXISTING STRUCTURE IS DESIGNED TO SUPPORT V_x AND V_y FORCES AT BOTH JAMBS. SEE SCHEDULE ON SHEET 3 OF 3, FOR V_x & V_y VALUES.
- 13- ROLL-UP MECHANISM IS NOT PART OF THIS APPROVAL.
- 14- (A) THIS P.E.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; I.E. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
(B) THE CONTRACTOR IS TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS P.E.D. PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.
(C) THIS P.E.D. WILL BE CONSIDERED INVALID IF MODIFIED.
(D) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHO WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER, SHALL SUBMIT TO THE LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
(E) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD WHO PREPARED IT.
- 15- THE DOOR MANUFACTURER'S LABEL SHALL BE LOCATED AT A READILY VISIBLE LOCATION ON THE DOOR. ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABELING TO COMPLY WITH SECTION 1709.5.2.1.1 OF THE FLORIDA BUILDING CODE.

THIS DRAWING SHALL ONLY BE USED TO
OBTAIN PERMITS IN THE STATE OF FLORIDA



P.E. SEAL/SIGNATURE/DATE

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WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

14'-2" MAXIMUM WIDE, 24 GAGE SLAT
ROLL-UP DOOR. L.M.I

DRAWN BY:
W.H.

ROLLING DOOR INDUSTRIES, LLC.

8214 NW 64 ST
MIAMI, FL. 33166

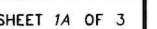
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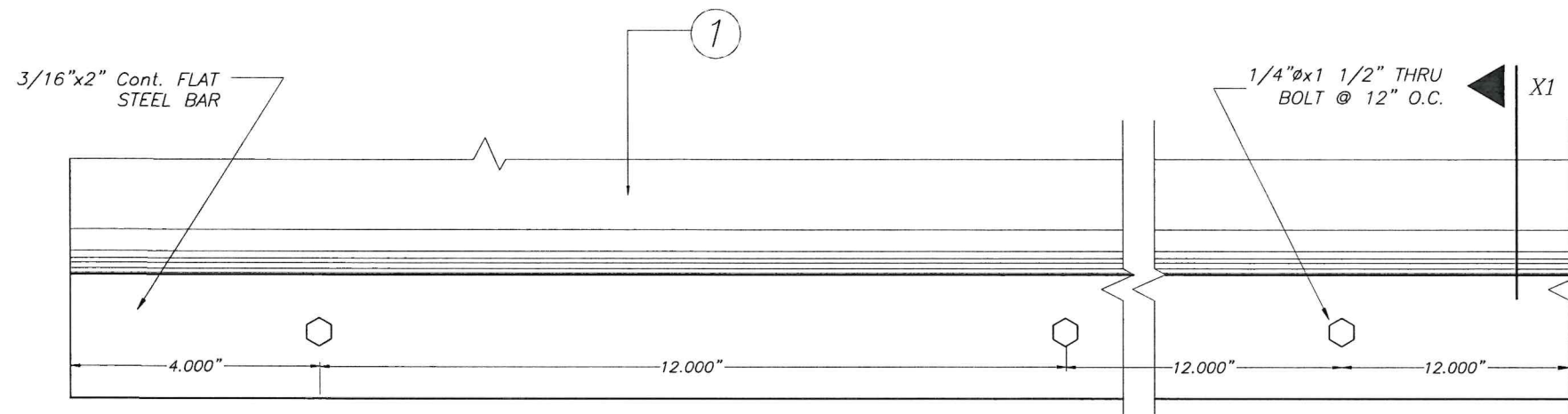
6/19/2026
DATE

26-049
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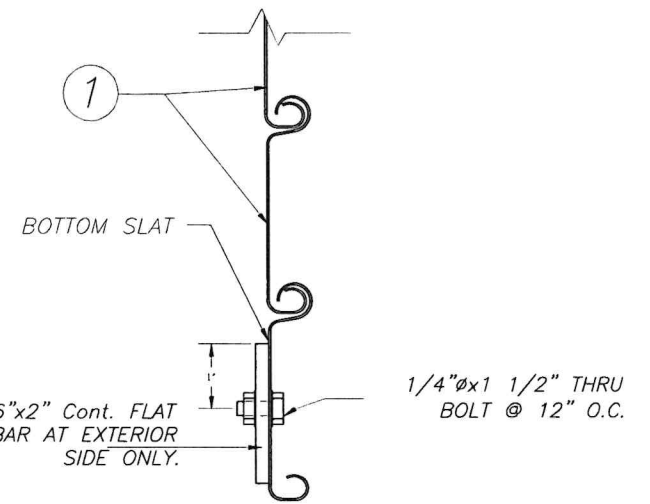
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2			4		

SHEET 1 OF 3



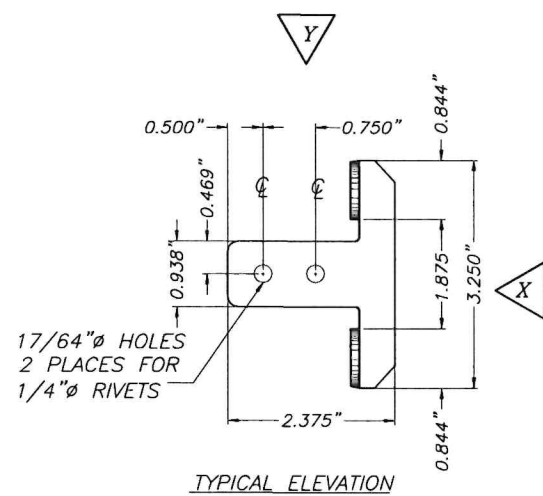


ELEVATION

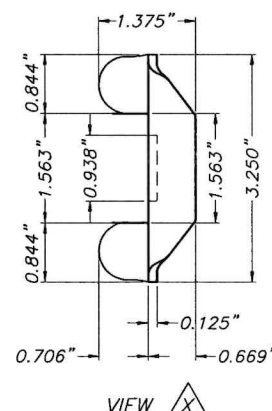


SECTION X1

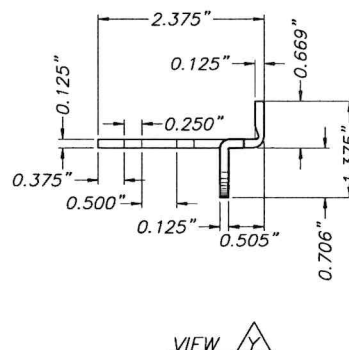
2 BOTTOM BAR
SCALE : 3/8" = 1"



TYPICAL ELEVATION

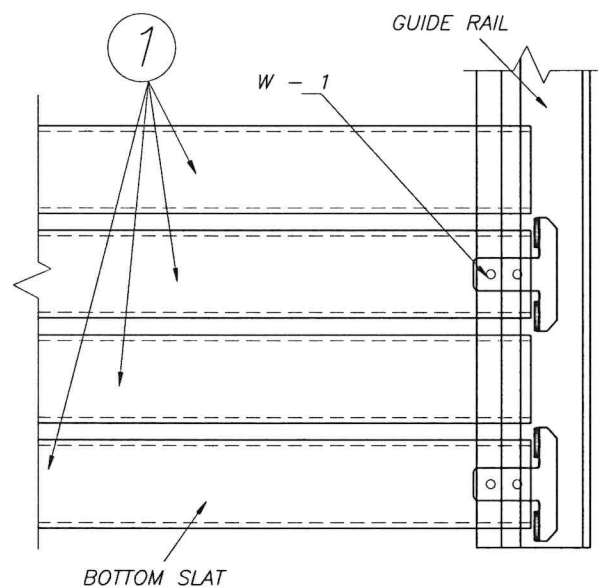


VIEW X



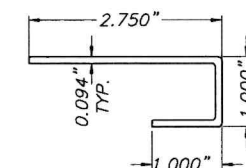
VIEW Y

3 TYPICAL WINDLOCK W - 1 DETAIL
SCALE : 3/8" = 1"



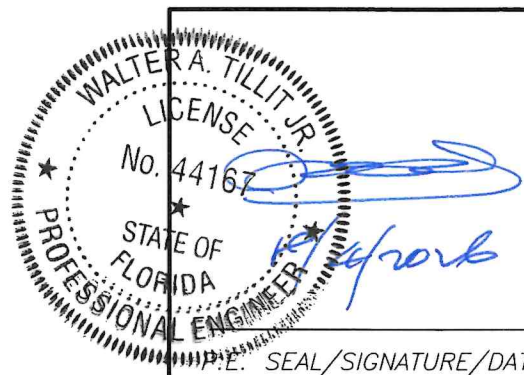
DETAIL 1 (elevation)
N.T.S.

4 "J" GUIDE FOR CONCRETE WALL
SCALE : 3/8" = 1"



4A "J" GUIDE FOR STEEL WALL
SCALE : 3/8" = 1"

COMPONENTS



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14'-2" MAXIMUM WIDE, 24 GAGE SLAT
ROLL-UP DOOR. L.M.I.

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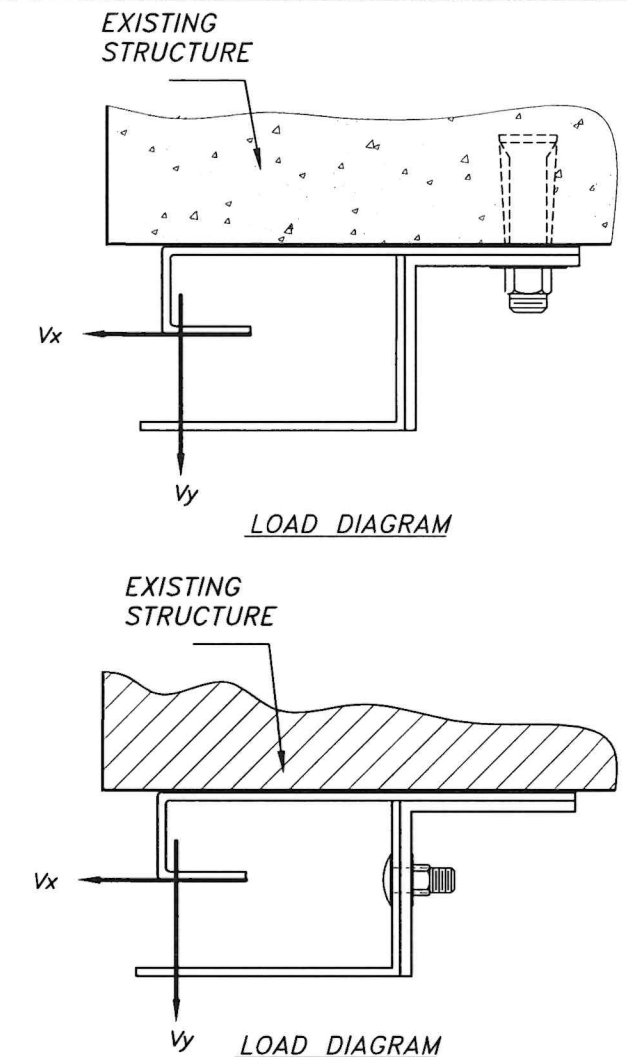
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SHEET 2 OF 3

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1	OLD 23-103	6/19/26	3		
2			4		

V_x & V_y REACTIONS & ANCHOR SCHEDULE

DOOR WIDTH (Ft)	MAXIMUM A.S.D. DESIGN PRESSURE RATING (PSF)	SLIP (In)	V _x (Lb/Ft)	V _y (Lb/Ft)	MAX., ANCHOR SPACING					
					ANCHOR TYPE 1 *			ANCHORS TYPE 2 & 3 *		
					FOR Min. f' _c = 3000 psi CONCRETE	FOR Min. f' _c = 4000 psi CONCRETE	FOR Min. f' _c = 6000 psi CONCRETE	FOR Min. f' _c = 3000 psi CONCRETE	FOR Min. f' _c = 4000 psi CONCRETE	FOR Min. f' _c = 6000 psi CONCRETE
12'-0"	+30.0, -30.0	1/4"	731	180	11"	11"	11"	11"	11"	11"
	+35.0, -35.0	1/4"	884	210	11"	11"	11"	11"	11"	11"
	+40.0, -40.0	1/4"	1034	240	11"	11"	11"	11"	11"	11"
	+45.0, -45.0	1/4"	1182	270	10"	11"	11"	11"	11"	11"
	+50.0, -50.0	1/4"	1328	300	8 1/2"	10"	10 1/2"	11"	11"	11"
	+55.0, -55.0	1/4"	1472	330	8"	9"	9 1/2"	9 1/2"	11"	11"
	+60.0, -60.0	1/4"	1614	360	7"	8"	8 1/2"	9"	10 1/2"	11"
14'-2"	+30.0, -30.0	7/16"	792	212	11"	11"	11"	11"	11"	11"
	+35.0, -35.0	7/16"	944	248	11"	11"	11"	11"	11"	11"
	+40.0, -40.0	7/16"	1095	283	10 1/2"	11"	11"	11"	11"	11"
	+45.0, -45.0	7/16"	1243	319	9"	10 1/2"	10 1/2"	11"	11"	11"
	+50.0, -50.0	7/16"	1390	354	8"	9 1/2"	9 1/2"	10"	11"	11"
	+55.0, -55.0	7/16"	1535	390	7 1/2"	8 1/2"	8 1/2"	9"	10 1/2"	11"
	+60.0, -60.0	7/16"	1679	425	7"	7 1/2"	8"	8"	9 1/2"	10 1/2"



**** NOTES FOR LIMITATIONS/ REQUIREMENTS FOR USE OF ABOVE ANCHORS VERSUS BUILDING CONDITIONS:**

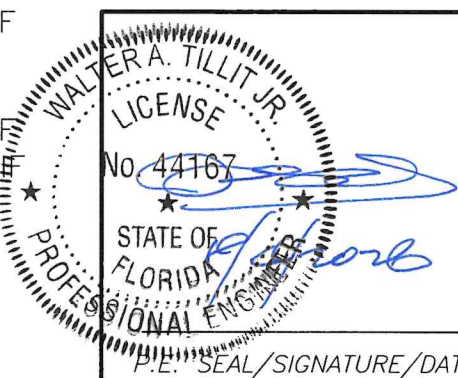
- (1) FOR DOORS INSTALLED WHERE ANCHORS/DOOR HOOD FACE THE EXTERIOR OF BUILDING, USE TYPE 1 OR 2 ANCHORS WHEN BUILDING IS LOCATED WITHIN 300 ft OF THE COASTAL SHORELINE.
- (2) FOR DOORS INSTALLED WHERE ANCHORS/DOOR HOOD FACE THE EXTERIOR OF BUILDING, USE TYPE 1, 2 OR 3 ANCHORS WHEN BUILDING IS LOCATED GREATER THAN 300 ft OF THE COASTAL SHORELINE.
- (3) FOR DOORS INSTALLED WHERE ANCHORS/DOOR HOOD FACE THE INTERIOR OF BUILDING, AND BUILDING IS UNCONDITIONED WITH OR WITHOUT VENTING, USE TYPE 1, 2 OR 3 ANCHORS, INDEPENDENT OF WHERE BUILDING IS LOCATED.
- (4) FOR DOORS INSTALLED WHERE ANCHORS/DOOR HOOD FACE THE INTERIOR OF BUILDING, AND BUILDING IS AIR CONDITIONED, USE TYPE 1 OR 2 ANCHORS IF BUILDING IS LOCATED WITHIN 300 ft OF THE COASTAL SHORELINE, AND USE TYPE 1, 2 OR 3 ANCHORS IF BUILDING IS LOCATED MORE THAN 300 ft OF THE COASTAL SHORELINE.

ANCHOR LEGEND

* ANCHOR TYPE 1: 1/2"Ø DEWALT, INC S.S. WEDGE BOLT, W/ 4" MIN. EMBEDMENT AND 4 1/2" MIN. EDGE DISTANCE.

ANCHOR TYPE 2: 5/8"Ø DEWALT, INC S.S. WEDGE BOLT, W/ 4" MIN. EMBEDMENT AND 6" MIN. EDGE DISTANCE.

ANCHOR TYPE 3: 5/8"Ø RED HEAD LDT ANCHOR, W/ 5 1/2" MIN. EMBEDMENT AND 6 1/4" MIN. EDGE DISTANCE.



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SHEET 3 OF 3