INSTALLATION NOTES:

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN UNLESS OTHERWISE NOTED.
- 2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- 4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 5. FOR INSTALLATION INTO WOOD FRAMING USE #12 WOOD **SCREWS** OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- 6. FOR INSTALLATION INTO WOOD FRAMING USE (2) #10 WOOD **SCREWS** THROUGH STRIKE PLATE OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD
- 7. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH **DIAMETER ITW TAPCONS** OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
- FOR INSTALLATION INTO STEEL STUD FRAME USE #12 TEK **SCREWS** OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 3 THREADS PENETRATION BEYOND STEEL STRUCTURE.
- FOR INSTALLATION INTO STEEL STUD FRAME USE (2) #10 TEK **SCREWS** THROUGH STRIKE PLATE OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 3 THREADS PENETRATION BEYOND STEEL STRUCTURE.
- 10. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- 11. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- 12. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- 13. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS. AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- 14. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD MINIMUM SPECIFIC GRAVITY OF 0.55.
 - B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - C. MASONRY STRENGTH CONFORMANCE TO ASTM C-90.
 - D. STEEL MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 48 MILS (18 GAUGE).

PLYCO CORPORATION

SERIES 92TB SINGLE INSWING/OUTSWING FLUSH DOOR W/ LOCK & DEADBOLT

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN **EVALUATED ACCORDING TO THE FOLLOWING:**
 - ASTM E330-14
- 2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 3. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- 5. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- 6. FRAME MATERIAL: ALUMINUM 6063-T5 & 6005-T5.
- 7. DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS DEFINED IN 6TH EDITION FLORIDA BUILDING CODE.

TABLE OF CONTENTS			
SHEET	SHEET DESCRIPTION		
1	INSTALLATION & GENERAL NOTES		
2	ELEVATION & ANCHOR LAYOUT		
3	VERTICAL SECTIONS		
4	HORIZONTAL SECTIONS		
5	COMPONENTS & BILL OF MATERIALS		
6	COMPONENTS (CONTINUED)		
7	OPTIONAL FRAME EXTENSIONS DETAIL		

DESIGN PRESSURE RATING						
LOCK TYPE	DESIGN PRESSURE - ALL SIZES		MISSILE IMPACT RATING			
SINGLE POINT	+40 / -40 PSF *	W/O WATER INFILTRATION	NON-IMPACT			
SINGLE POINT W/ DEAD BOLT	+45 / -45 PSF *	W/O WATER INFILTRATION	NON-IMPACT			

^{*}UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THE OVERHANG RATIO (OH) = OH LENGTH/OH HEIGHT GREATER THAN 1.0 WHERE WATER INFILTRATION IS REQUIRED.

500 INDUSTRIAL RD. ELKHART LAKE, WI, 53020

PH.: (920) 876-3611 FX: (920) 876-3527

INSWING/OUTSWING FLUSH DOOR W/ LOCK & DEADBOLT

REMARKS

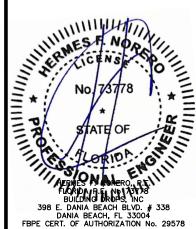
FBC CODE CHANGE

OULDING DRC 398 E. DANIA BEACH BLV DANIA BEACH, FL

BY DATE 5TH FBC CODE CHANGE AM 10.10.16 6TH FBC CODE CHANGE SM 02.19.18

FB 08.22.23

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FL16841

DATE: 08.19.13 DWG. BY: CHK. BY:

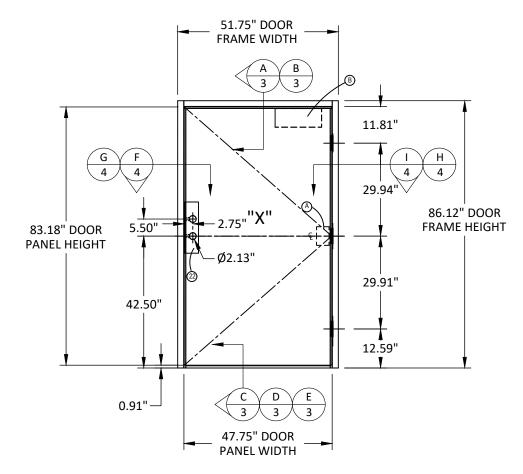
SSM SCALE:

MS NTS

DWG. #: PCO017

SHEET



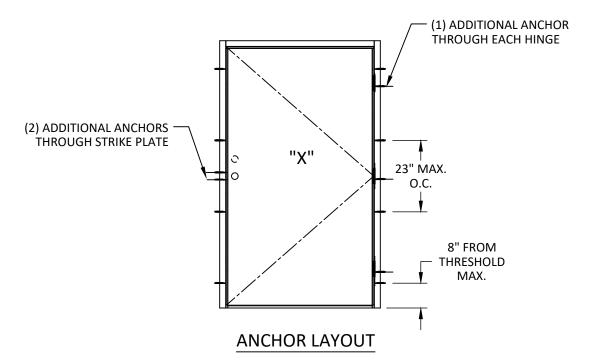


ELEVATION

SERIES 92 TB DOOR LAYOUT 92PWTB4070B EVERLAST BLOCKED - H2

HARDWARE NOTES:

A: PANIC BAR REINF. PLATE 4" X 6" 16 GA. STEEL (2) B: CLOSER REINF. PLATES 6" X 15" 16 GA. STEEL (2) 22: 1921 WOOD BLOCK



P.O. BOX 386 500 INDUSTRIAL RD. ELKHART LAKE, WI, 53020

PH.: (920) 876-3611 FX: (920) 876-3527

SERIES 92TB SINGLE INSWING/OUTSWING FLUSH DOOR W/ LOCK & DEADBOLT ELEVATION & ANCHOR LAYOUT

REMARKS

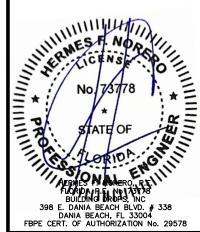
FBC CODE CHANGE

PREPARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH, FL 33094
DANIA BEACH, FL 33004
PH: (954) 399-8478 BY DATE 5TH FBC CODE CHANGE AM 10.10.16 **6TH FBC CODE CHANGE** SM 02.19.18

FB 08.22.23

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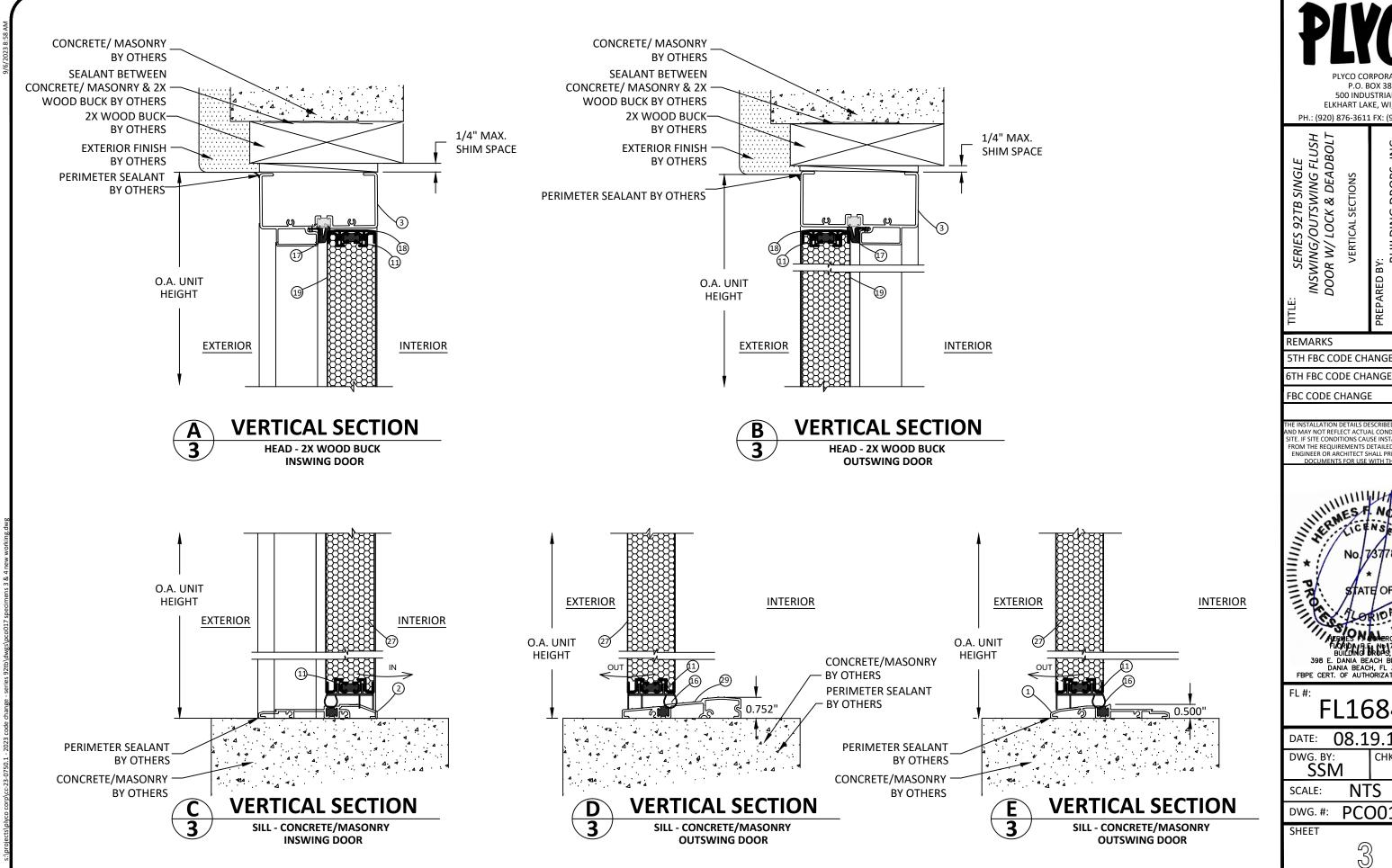
CHK. BY: MS NTS

PCO017 DWG. #:

SHEET

SCALE:

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PH.: (920) 876-3611 FX: (920) 876-3527

UILDING DROPS,

BY DATE AM 10.10.16

6TH FBC CODE CHANGE SM 02.19.18 FB 08.22.23 FBC CODE CHANGE

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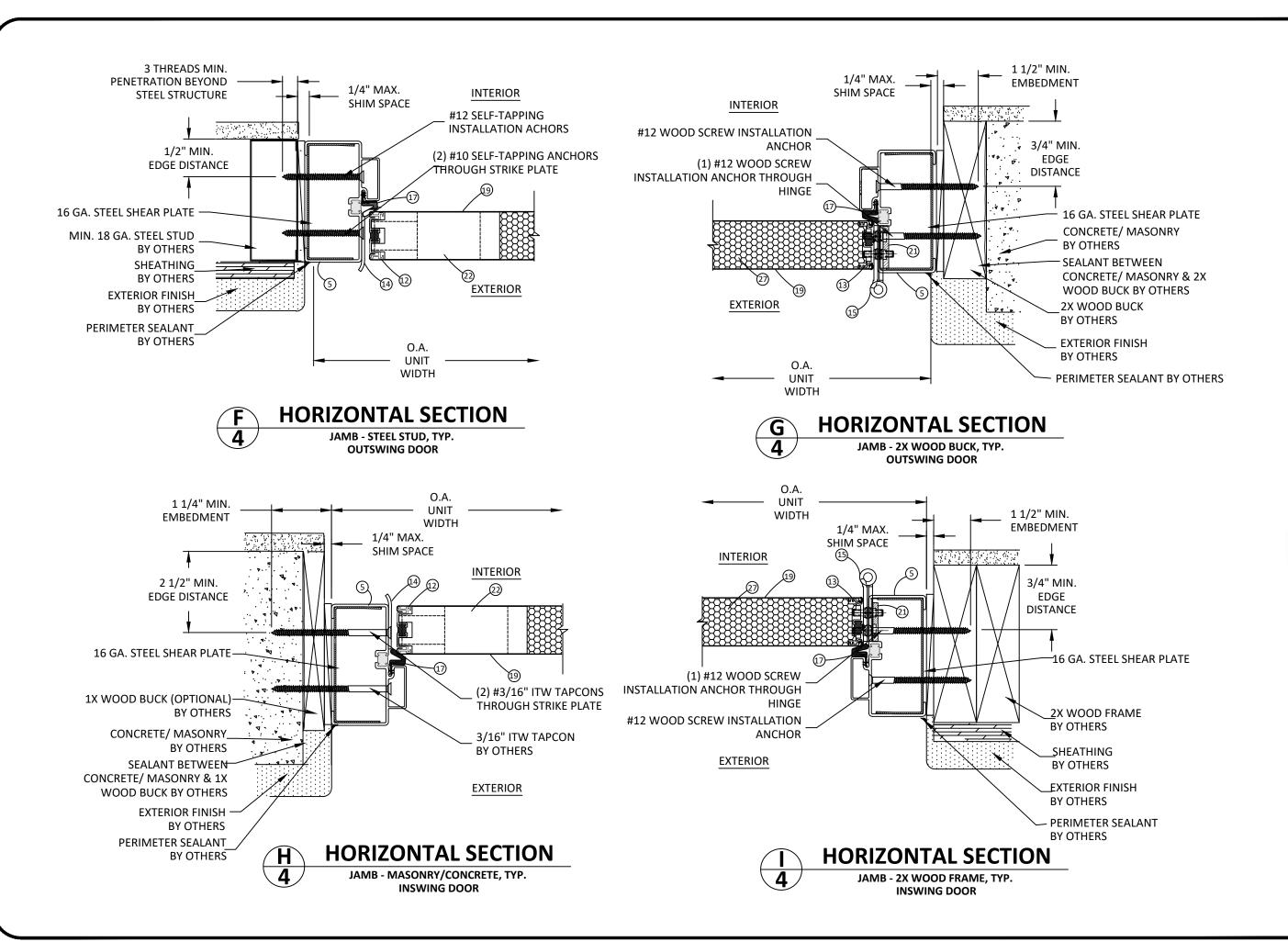


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08.19.13 CHK. BY: MS

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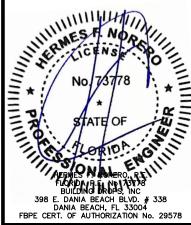
INSWING/OUTSWING FLUSH DOOR W/ LOCK & DEADBOLT SERIES 92TB SINGLE

398 E. DANIA BEACH BLVD., STE. DANIA BEACH, FL 33004

BY DATE

REMARKS 5TH FBC CODE CHANGE AM 10.10.16 6TH FBC CODE CHANGE SM 02.19.1 FB 08.22.23 FBC CODE CHANGE

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FL #: FL16841

DATE: 08.19.13 DWG. BY: CHK. BY:

SSM SCALE:

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PCO017 DWG. #:

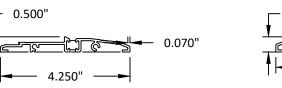
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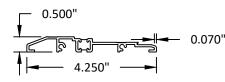


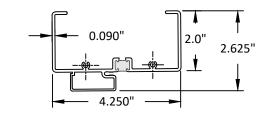
1 FRAME SILL - OUT ALUMINUM 6063-T5

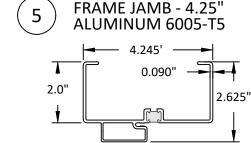
PRAME SILL - IN ALUMINUM 6063-T5

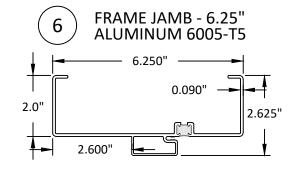
FRAME HEAD ALUMINUM 6063-T5

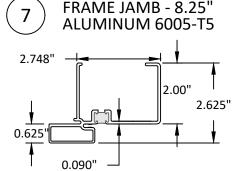


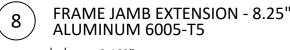


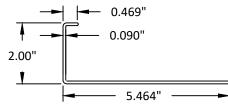




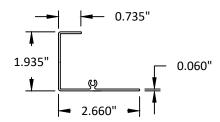




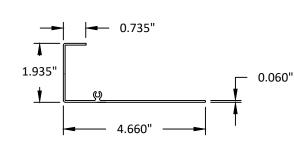




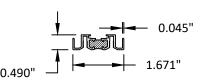




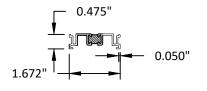
10 HEAD EXTENSION ALUMINUM 6063-T5



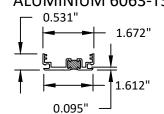
11 HEAD & SILL RAIL ALUMINUM 6063-T5



12) STRIKE RAIL ALUMINIUM 6063-T5



HINGE RAIL ALUMINIUM 6063-T5



PLYCO

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P.O. BOX 386
500 INDUSTRIAL RD.
ELKHART LAKE, WI, 53020

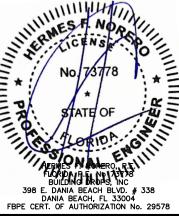
PH.: (920) 876-3611 FX: (920) 876-3527

E: SERIES 92TB SINGLE
INSWING/OUTSWING FLUSH
DOOR W/ LOCK & DEADBOLT
COMPONENTS
& BILL OF MATERIALS

BUILDING DROPS, II 398 E. DANIA BEACH BLVD., STE., PANIA BEACH, FL. 333004 PANIA BEACH, FL. 333004

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REMARKS		BY	DATE
5TH FBC CODE CHANGE		AM	10.10.16
6TH FBC CODE CHA	ANGE	SM	02.19.18
BC CODE CHANGE		FB	08.22.23

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DANIA BEACH, FL 33004 FBPE CERT. OF AUTHORIZATION No. 28 FL#:

DATE: 08.19.13

DWG. BY: CHK. BY:

SCALE: NTS

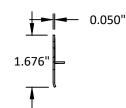
DWG. #: PCO017

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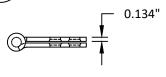




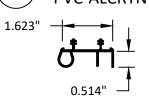
STRIKE PLATE **STAINLESS**



4.5" BUTT HINGE 15 **STAINLESS**

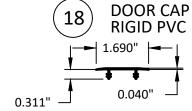


DOOR SWEEP 16 **PVC-ALCRYN**

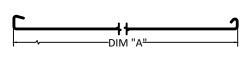


WEATHERSTRIPPING 17 Q-LON/FOAM



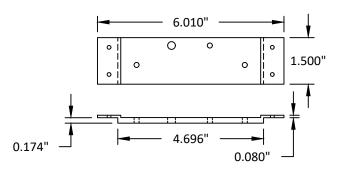


PANEL SKIN 19 .021" GALV. STL.

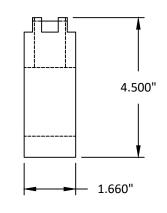


DIM "A"		
PANEL SIZE	SKIN SIZE	
2'-4"	27.70"	
2'-6"	29.70"	
2'-8"	31.70"	
3'-0"	35.70"	
3'-6"	41.70"	
4'-0"	47.70"	

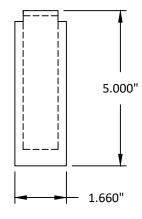
HINGE REINFORCEMENT ALUMINUM 6063-T5



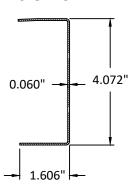
LOCK BLOCK WOOD BLOCK



LOCK BLOCK M1 WOOD BLOCK

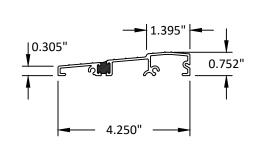


SHEAR PLATE 16 GA. STEEL



6063-T5

FRAME SILL - OUT 29



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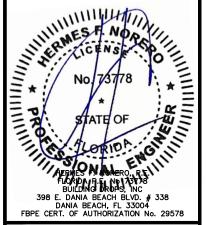
PH.: (920) 876-3611 FX: (920) 876-3527

E: SERIES 92TB SINGLE
INSWING/OUTSWING FLUSH
DOOR W/ LOCK & DEADBOLT
COMPONENTS
(CONTINUED)

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478

REMARKS BY DATE 5TH FBC CODE CHANGE AM 10.10.16 **6TH FBC CODE CHANGE** SM 02.19.18 FB 08.22.23 FBC CODE CHANGE

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08.19.13 DATE:

DWG. BY: CHK. BY: MS

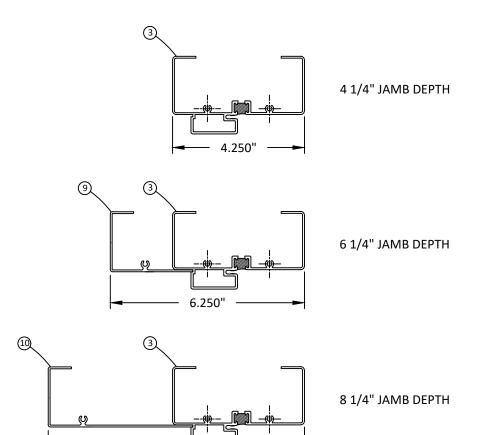
SSM NTS SCALE:

PCO017 DWG. #:

SHEET

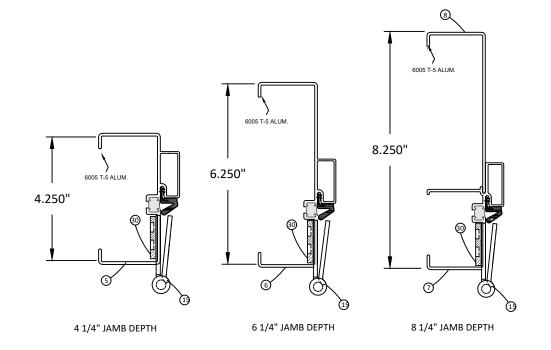


FRAME EXTENSIONS (HEADER)



8.250"

FRAME EXTENSIONS (JAMBS)





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PH.: (920) 876-3611 FX: (920) 876-3527

E: SERIES 92TB SINGLE
INSWING/OUTSWING FLUSH
DOOR W/ LOCK & DEADBOLT
OPTIONAL FRAME EXTENSIONS
DETAIL

REMARKS

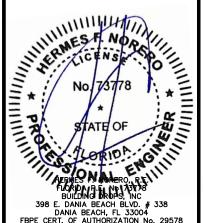
FBC CODE CHANGE

BUILDING DROPS, IN 398 E. DANIA BEACH BLVD., STE. 3 DANIA BEACH, FL 33004 PH: (954)399-8478

BY DATE 5TH FBC CODE CHANGE AM 10.10.16 **6TH FBC CODE CHANGE**

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08.19.13 DATE: снк. ву: **МS**

DWG. BY:

NTS SCALE:

PCO017 DWG. #:

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