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
 - 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 GLASS 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

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 P	MISSILE IMPACT RATING				
SINGLE POINT	+30 / -30 PSF *	W/O WATER INFILTRATION	NON-IMPACT			
SINGLE POINT W/ DEAD BOLT	+30 / -30 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

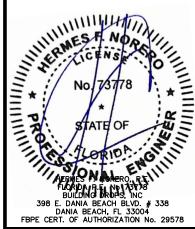
TB SINGLE SWING GLASS C& DEADBOLT INSWING/OUTSN DOOR W/ LOCK &

REMARKS

398 E. DANIA BEACH BLV DANIA BEACH, FL 3 PH: (954)399-84 FAX: (954)74447

BY DATE **5TH FBC CODE CHANGE** AM 10.10.16 6TH FBC CODE CHANGE SM 02.19.1 FB 08.22.2 FBC CODE CHANGE

ND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECII SITE, IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIA ROM THE REQUIREMENTS DETAILED HEREIN, A LICENSEI ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC



FL16841

DATE: 08.19.13 DWG. BY: CHK. BY:

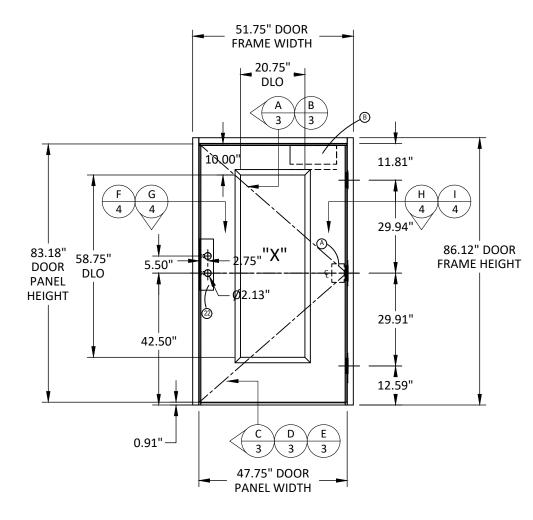
SSM SCALE:

NTS DWG. #: PCO018

SHEET

OF 7

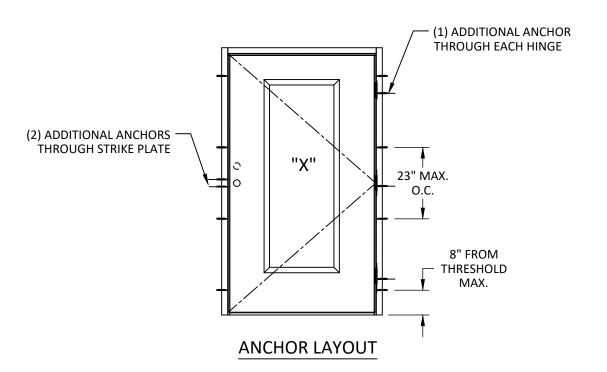
MS



ELEVATION

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) 20: LITE KIT FRAME EXTRUSION ALUMINIUM 6063-T5 23: 1921 WOOD BLOCK



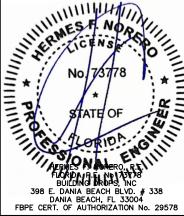
P.O. BOX 386 500 INDUSTRIAL RD. ELKHART LAKE, WI, 53020

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

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

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENER AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIF SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIAT FIRE IT STILE CONTINUES CASE INSTALLATION TO BEVIAIT
FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED
ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC
DOCUMENTS FOR USE WITH THIS DOCUMENT.



FL16841

08.19.13 DATE:

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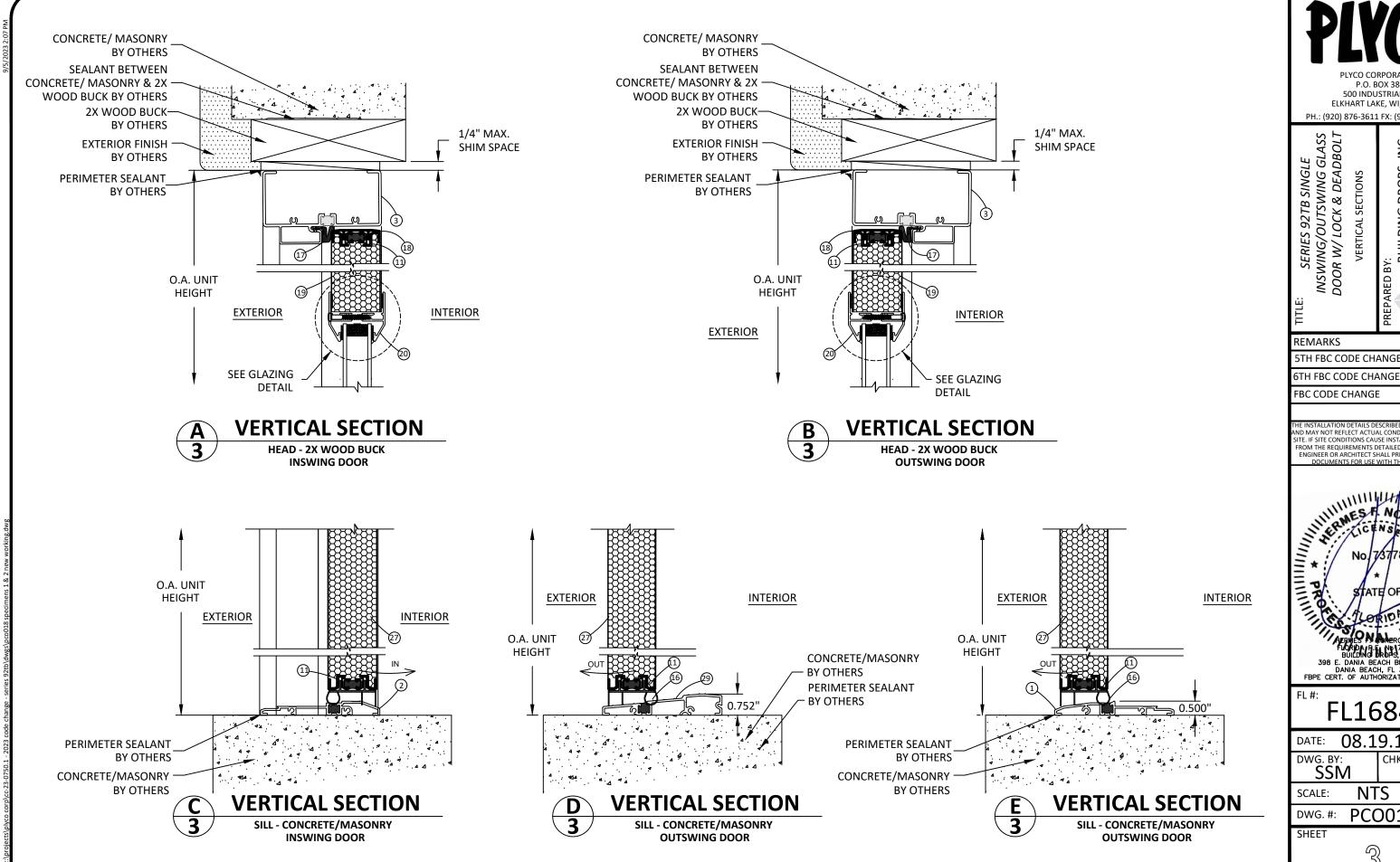
SCALE:

CHK. BY: MS NTS

PCO018 DWG. #:

SHEET

2



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

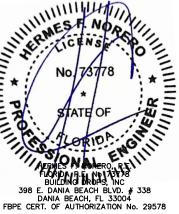
SERIES 92TB SINGLE INSWING/OUTSWING GLASS DOOR W/ LOCK & DEADBOLT

UILDING DROPS,

BY DATE 5TH FBC CODE CHANGE AM 10.10.16

SM 02.19.18 FB 08.22.2 FBC CODE CHANGE

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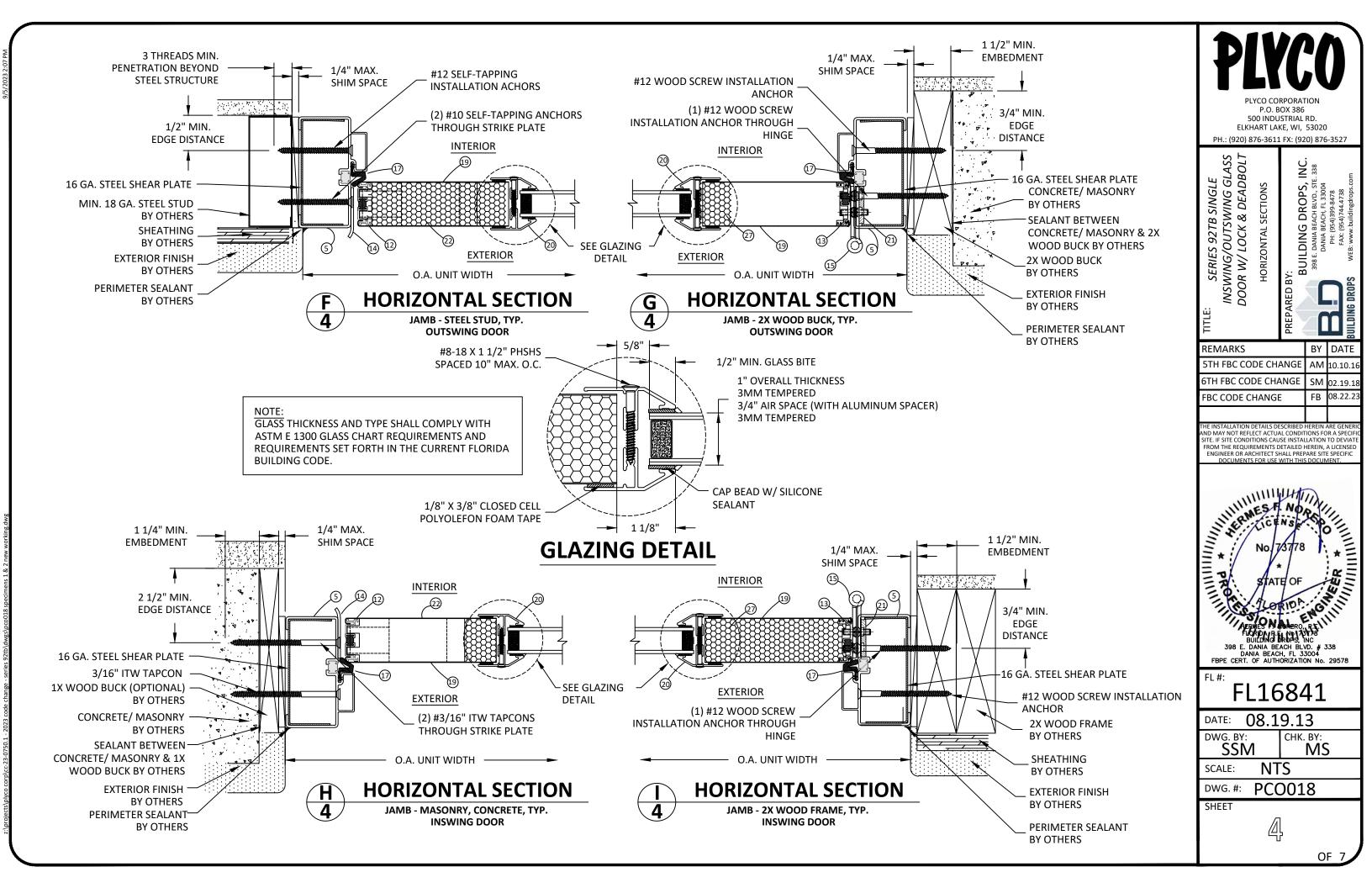
FL#: FL16841

08.19.13 DATE: DWG. BY: CHK. BY: SSM MS

NTS SCALE:

PCO018 DWG. #:

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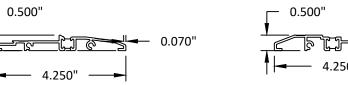


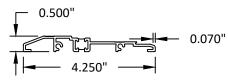
BILL OF MATERIALS						
ITEM#	DESCRIPTION	PART#	MATERIAL	MANUFACTURER		
1	FRAME SILL - OUT	HM-23811	6063-T5	PLYCO		
2	FRAME SILL - IN	HM-23812	6063-T5	PLYCO		
3	FRAME HEAD	1516	6063-T5	PLYCO		
4	(NOT USED)	-	-	-		
5	FRAME JAMB - 4.25"	1913	6005-T5	PLYCO		
6	FRAME JAMB - 6.25"	1916	6005-T5	PLYCO		
7	FRAME JAMB - 8.25"	1917	6005-T5	PLYCO		
8	FRAME JAMB EXT 8.25"	1918	6005-T5	PLYCO		
9	HEAD EXTENSION	1517	6063-T5	PLYCO		
10	HEAD EXTENSION	1518	6063-T5	PLYCO		
11	HEAD & SILL RAIL	1905	6063-T5	PLYCO		
12	STRIKE RAIL	1899	6063-T5	PLYCO		
13	HINGE RAIL	1900	6063-T5	PLYCO		
14	STRIKE PLATE	1610-C	STAINLESS	PLYCO		
15	4.5" BUTT HINGE	1500	STAINLESS	PLYCO		
16	DOOR SWEEP	1852-B	PVC-ALCRYN	LOXSCREEN		
17	WEATHERSTRIPPING	QEBD650	Q-LON/FOAM	SCHLEGEL		
18	DOOR CAP	1883	RIGID PVC	PLYCO		
19	PANELSKIN		.021" GALV. STL.	PLYCO		
20	LITE KIT FRAME	HM-23323	6063-T5	PLYCO		
21	HINGE REINFM'T	1288	6063-T5	PLYCO		
22	LOCK BLOCK	1921	WOOD BLOCK	PLYCO		
23	LOCK BLOCK M1	1922	WOOD BLOCK	PLYCO		
24	LOCKSET	500HV	STEEL	ADVANTAGE		
25	DEADBOLT	B60N	STEEL	SCHLAGE		
26	MORTISE LOCK	720ME	STEEL	ADVANTAGE		
27	PANEL CORE	134A	POLYURETHANE	FOAM SUPPLIES		
28	SHEAR PLATE			PLYCO		
29	FRAME SILL - OUT	2062	6063-T5	ASTROSHAPES		

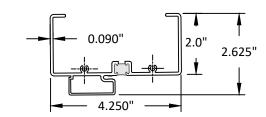
FRAME SILL - OUT ALUMINUM 6063-T5 1

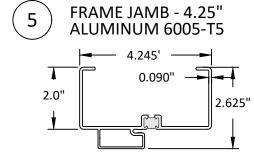


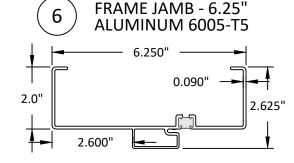


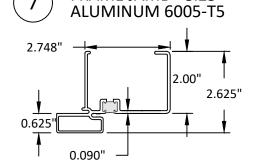






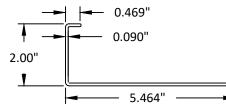




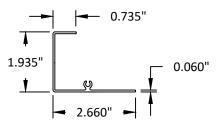


FRAME JAMB - 8.25"

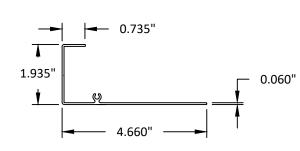




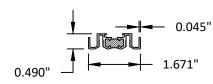
HEAD EXTENSION 9 **ALUMINUM 6063-T5**



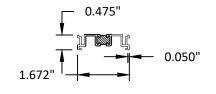
HEAD EXTENSION 10 **ALUMINUM 6063-T5**



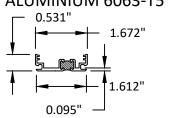
HEAD & SILL RAIL ALUMINUM 6063-T5



STRIKE RAIL **ALUMINIUM 6063-T5**



HINGE RAIL ALUMINIUM 6063-T5



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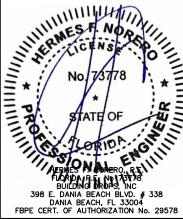
E: SERIES 92TB SINGLE
INSWING/OUTSWING GLASS
DOOR W/ LOCK & DEADBOLT
COMPONENTS
& BILL OF MATERIALS

REMARKS

DBY:
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 SM 02.19.18 FB 08.22.2 FBC CODE CHANGE

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08.19.13 DATE:

DWG. BY: CHK. BY: SSM MS

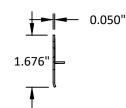
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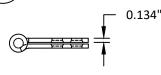
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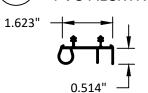
STRIKE PLATE **STAINLESS**



4.5" BUTT HINGE 15 **STAINLESS**

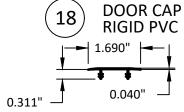


DOOR SWEEP 16 **PVC-ALCRYN**

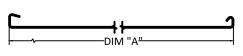


WEATHERSTRIPPING 17 Q-LON/FOAM



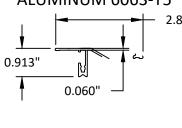


PANEL SKIN 19 .021" GALV. STL.

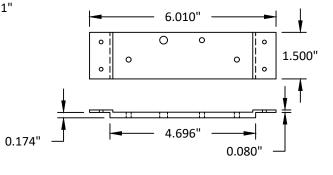


DIW "A"		
PANEL SIZE	SKIN SIZE	
2'-4"	27.70"	
2'-6"	29.70"	
2'-8"	31.70"	
3'-0"	35.70"	
3'-6"	41,70"	
4'-0"	47.70"	

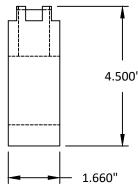
LITE KIT FRAME ALUMINUM 6063-T5



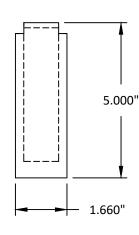
HINGE REINFORCEMENT 21 ALUMINUM 6063-T5



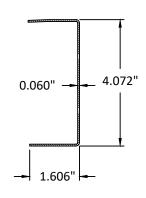
LOCK BLOCK



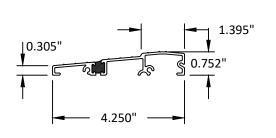
LOCK BLOCK M1 WOOD BLOCK



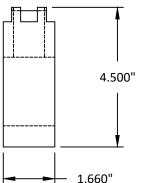
SHEAR PLATE 16 GA. STEEL



FRAME SILL - OUT 6063-T5



WOOD BLOCK



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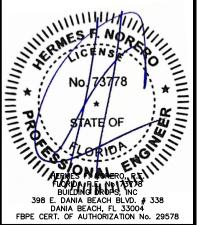
SERIES 92TB SINGLE INSWING/OUTSWING GLASS DOOR W/ LOCK & DEADBOLT

REMARKS

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
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 FBC CODE CHANGE

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FL16841

08.19.13 DATE: CHK. BY:

DWG. BY: SSM

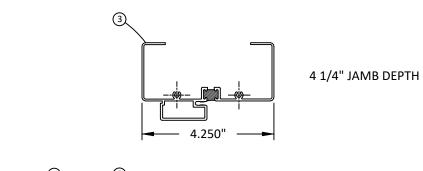
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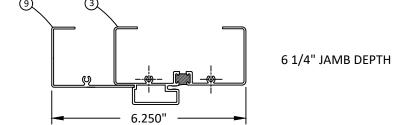
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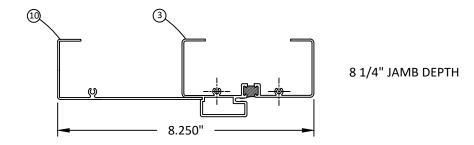


OF 7

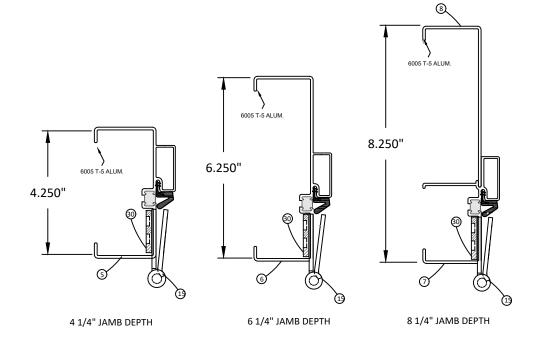
MS







FRAME EXTENSIONS (JAMBS)



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

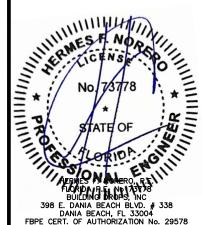
PH.: (920) 876-3611 FX: (920) 876-3527

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

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

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08.19.13 DATE:

DWG. BY:

снк. ву: **МS**

NTS SCALE: PCO018 DWG. #:

SHEET