

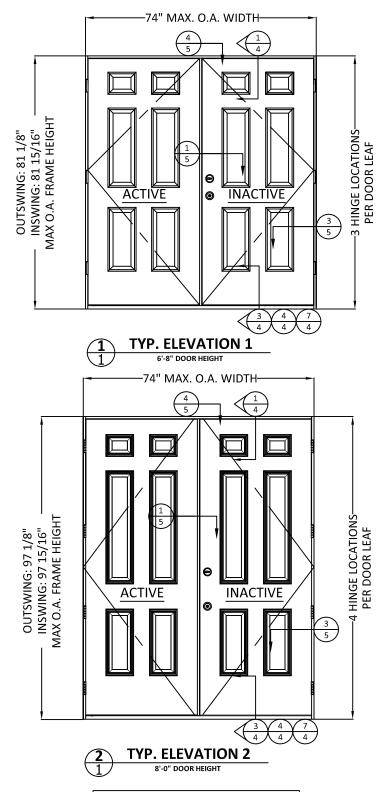
DESIGN PRO / SMOOTH PRO IMPACT APPROVED

FOR USE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ)

GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- 2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY OR 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. 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.
- APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- 5. 6-PANEL DOOR SHOWN FOR ILLUSTRATION PURPOSES. ADDITIONAL PANEL CONFIGURATIONS AND FLUSH DOORS ARE QUALIFIED.
- 6. NOTE: AFCO H-497 SILL MEETS WATER INFILTRATION AT WATER TEST PRESSURE (WTP) OF 9.0 PSF. REMAINING SILLS NOT RATED FOR WATER INFILTRATION. IF AUTHORITY HAVING JURISDICTION REQUIRES THAT PRODUCT MEETS THIS REQUIREMENT, PRODUCT SHALL BE USED WHEN INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG (OH) RATIO = OH LENGTH ÷ OH HEIGHT IS ≥ 1.0

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SHEET REVISION SHEET DESCRIPTION						
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6	-	WOOD SUBSTRATES				
7	-	CONCRETE SUBSTRATES				
8	А	COMPONENTS & BILL OF MATERIALS				



NOTE: INACTIVE AND ACTIVE DOOR PANEL ORIENTATION IS INTERCHANGEABLE.

	MAX. OVERALL NOMINAL SIZE		DES	SIGN PRE	MISSILE			
CONFIGURATION	WIDTH	HEIGHT	INSWING		OUTSWING		IMPACT RATING	
	WIDIN		POS.	NEG.	POS.	NEG.	1311110	
XX	6'-0"	6'-8"	60*	60	60*	60	LMI & SMI	
XX	6'-0"	8'-0"	50*	50	50*	50	LMI & SMI	

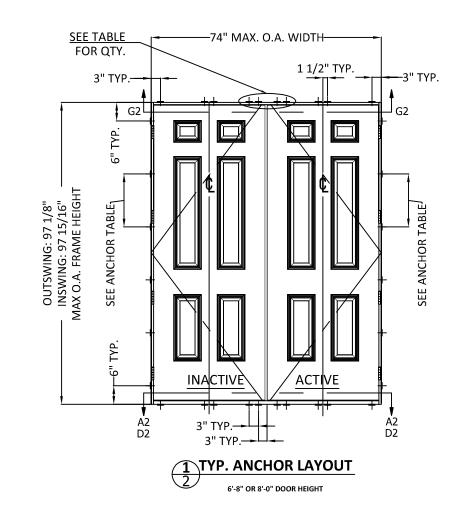
*SEE GENERAL NOTE 6, SHEET 1, FOR WATER INFILTRATION APPROVED SILLS.

DDE	DARED DV			_		
PKEI	PARED BY:					
	JILDING I 8 e. dania bea					
	DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738					
	WEB: www.bu		.com			
TITLE: DESIGN PRO/SMOOTH PRO IMPACT APPROVED	TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES	3737 LAKEPORT BLVD.,	KLAMATH FALLS, OR 97601	WINDOWS & DOORS FAX: (541)850-2609		
⊢ REMAR	V.C		DV	DATE		
	-Point Lock		BY GL	DATE 06/23/14		
	DWG. #A010	1272 /\	AM			
Reference	DWG. #AOIC	1673A	AIVI	05/14/13		
AND MAY NO SITE. IF SITE FROM THE FENGINEER DOCU	TION DETAILS D T REFLECT ACTU TO REFLECT ACTU CONDITIONS CAL EQUIREMENTS E OF ACTURE TIS MENTS FOR USE NO. STAT FIGHERA N 99 F DANIA BEA CERT. OF AUTH	NORERO NORERO NO. 73-778 CH BLVD., ST	(C)	DR A SPECIFIC TO DEVIATE A LICENSED ESPECIFIC ALICENSED ESPECIFIC MENT.		
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	1	-		J		

INSTALLATION NOTES:

- 1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 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.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- 4. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING, AND SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 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.
- FOR 2X STUD CONSTRUCTION, ANCHORING OF THESE PRODUCTS SHALL BE THE SAME AS FOR 2X BUCK CONCRETE/MASONRY CONSTRUCTION.
- 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. GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000
 - D. HOLLOW BLOCK CMU UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
- SEE SHEETS 6 AND 7 FOR MORE DETAILS OF THE INSTALLATION REQUIREMENTS, INCLUDING ANCHOR LOCATIONS, EDGE DISTANCES, EMBEDMENTS, AND SHIM SPACING.
- OPTIONALLY, ANCHORS CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.

ANCHOR TABLE									
					6'8" [DOORS	8'0" DOORS		
ANCHOR TYPE	ANCHOR SIZE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MAX. O.C. SPACING AT JAMBS	# OF ANCHORS AT HEAD/SILL CLUSTERS	MAX. O.C. SPACING AT JAMBS	# OF ANCHORS AT HEAD/SILL CLUSTERS	
WOOD SCREW	#10	2X WOOD BUCK OR FRAMING	1-1/2"	3/4"	17-1/2"	4	17-1/4"	4	
ITW TAPCON	3/16"	CONCRETE/CMU	1-1/4"	2-1/2"	17-1/2"	4	17-1/4"	4	
ELCO ULTRACON	1/4"	CONCRETE/CMU	1-3/8" - CONC. 1-1/4" - CMU	1"	17-1/2"	4	17-1/4"	4	
ITW TAPCON	3/16"	CONCRETE/CMU	1-1/4"	1"	11-5/8"	8	14-3/8"	6	



1- STRIKE PLATE

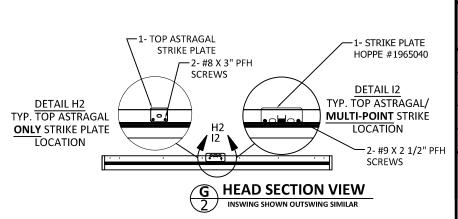
HOPPE #2098945

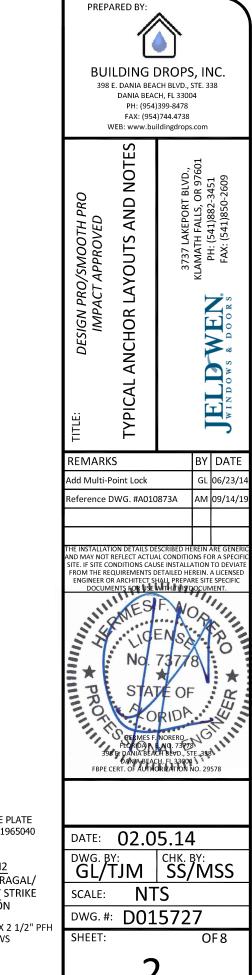
DETAIL F2

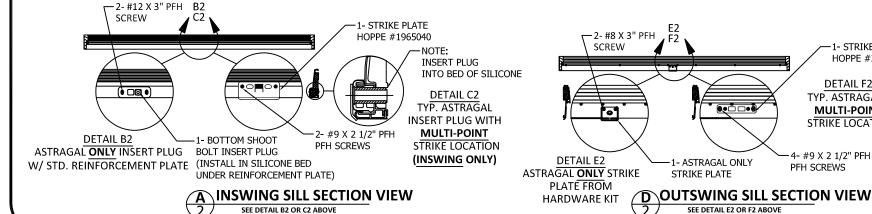
TYP. ASTRAGAL /

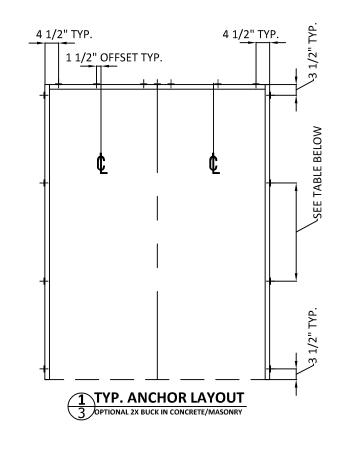
MULTI-POINT

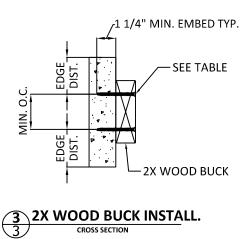
STRIKE LOCATION

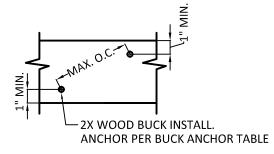












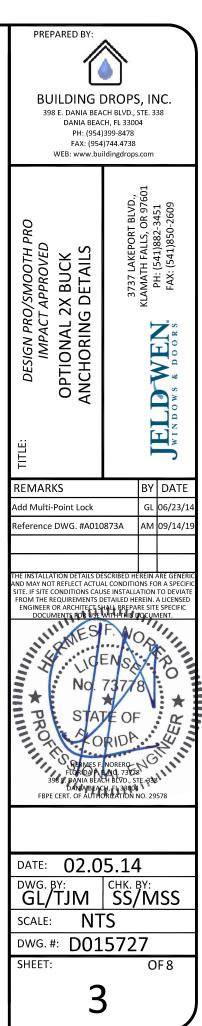


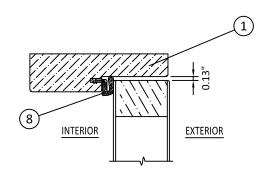
4 2	X WOOD BUCK INSTALL.
$\overline{3}$	SIDE VIEW

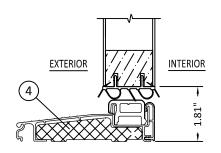
2X BUCK ANCHOR TABLE								
	ANCHOR	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE	MIN. CENTER	6'8" DOORS	8'0" DOORS	
ANCHOR TYPE	SIZE			DIST. TO SUBSTRATE	TO CENTER DISTANCE	MAX. O.C. SPACING AT JAMBS	MAX. O.C. SPACING AT JAMBS	
ITW TAPCON	1/4"	CONCRETE/CMU	1-1/4"	2-1/2"	4"	25"	30-1/4"	
ELCO ULTRACON	1/4"	CONCRETE/CMU	1-3/8" - CONC. 1-1/4" - CMU	1"	4"	25"	30-1/4"	

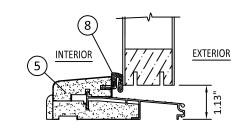
NOTES:

- 1. 2X BUCK IS NOT FOR INSTALLATION AT SILL. THRESHOLD SHALL BE FASTENED IN ACCORDANCE WITH ANCHOR LOCATIONS SHOWN ON SHEET 2.
- 2. ANCHORS MAY BE STAGGERED AS SHOWN IN DETAIL 4/3.





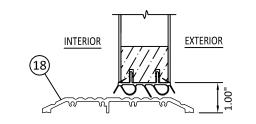




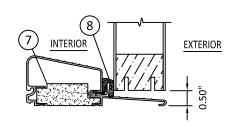
















BUILDING DROPS, INC.

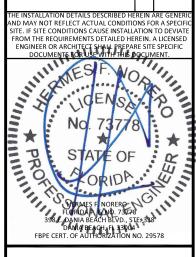
398 E. DANIA BEACH BLVD., STE. 338 DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 WEB: www.buildingdrops.com

VERTICAL ASSEMBLIES

DESIGN PRO/SMOOTH PRO IMPACT APPROVED

JELD WEN

REMARKS BY DATE Add Multi-Point Lock Reference DWG. #A010873A AM 09/14/1



DATE: 02.05.14

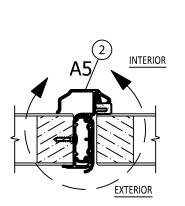
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CHK. BY: SS/MSS

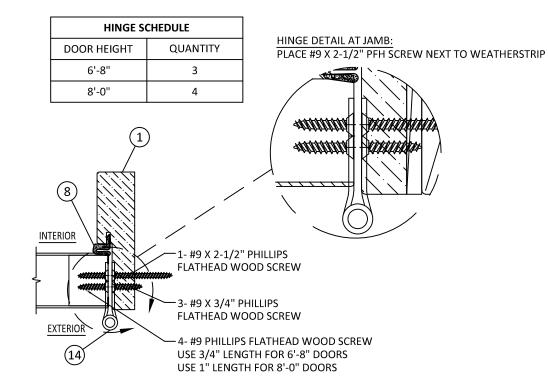
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NTS SCALE:

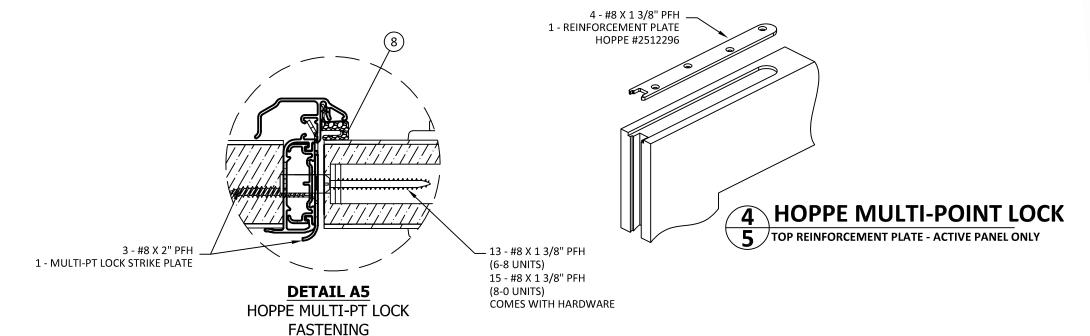
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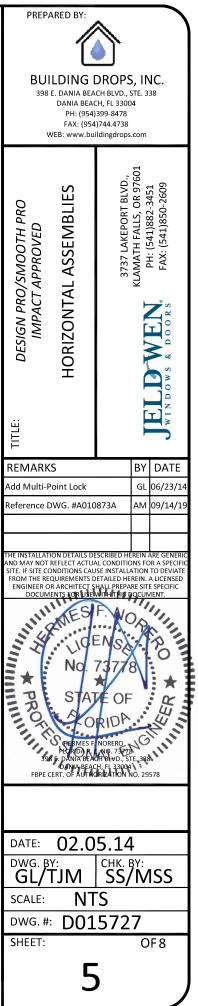


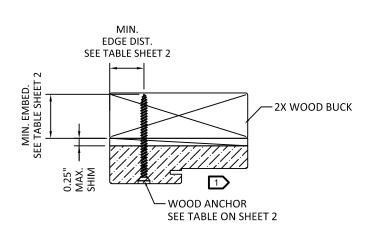


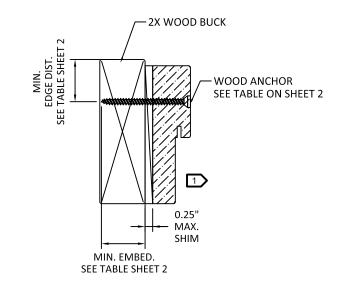


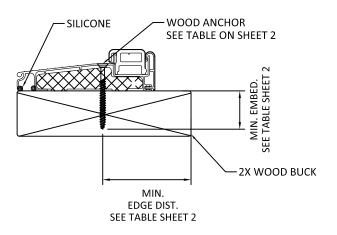








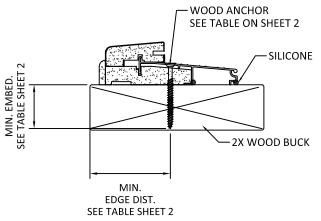




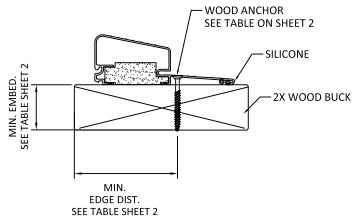


2 JAMB (TYPICAL)
6 OUTSWING SHOWN - INSWING SIMILAR

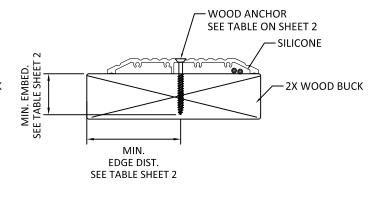
OPERABLE SILL
INSWING



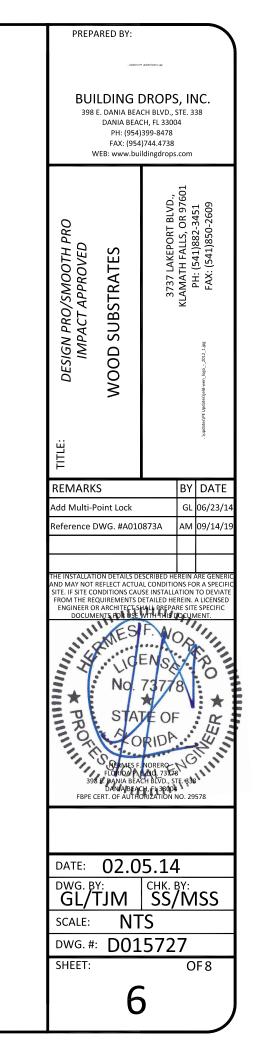
4 OPERABLE SILL OUTSWING



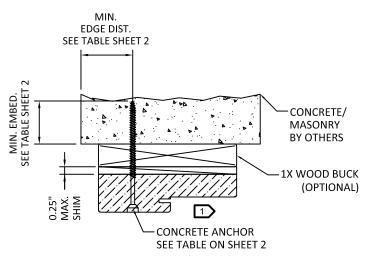
5 OPERABLE SILL
HIGH BUMP OUTSWING
AFCO H-497

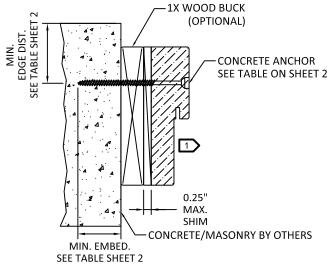


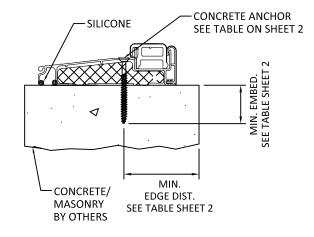
6 ADA THRESHOLD



OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.



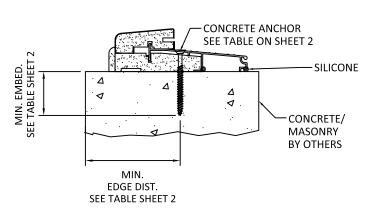


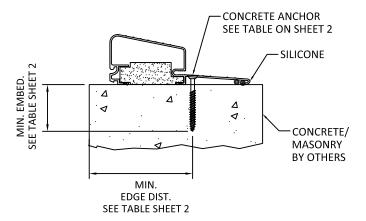


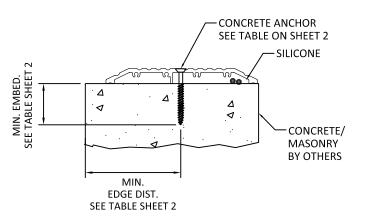








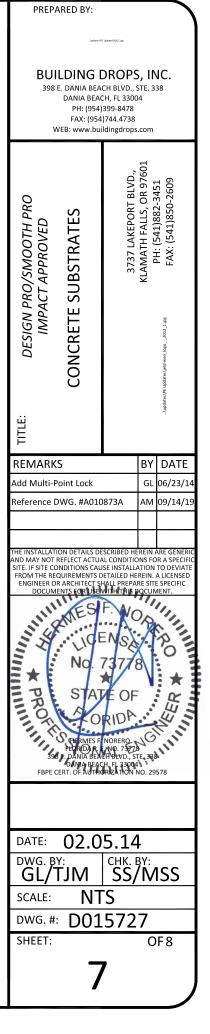






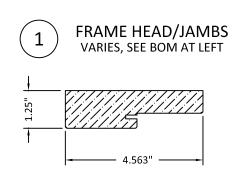




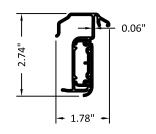


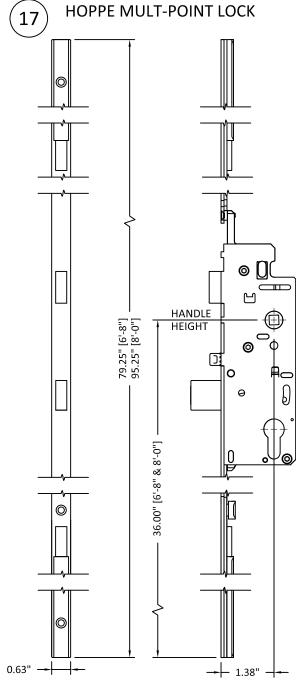
OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.

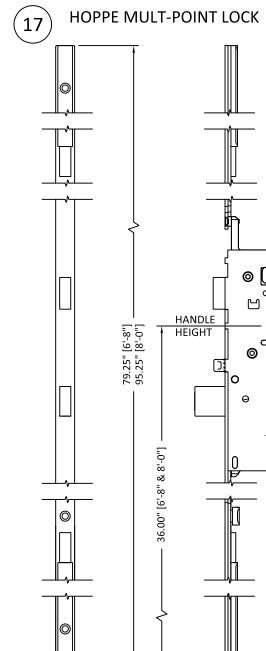
	BILL OF MATERIALS					
ITEM#	DESCRIPTION	MATERIAL				
		FINGER-JOINTED PINE				
		SOLID PINE				
1	FRAME HEAD/JAMBS	LAMINATED VENEER LUMBER				
		COMPOSITE				
2	ASTRAGAL, ENDURA ULTIMATE HURRICANE	6063-T6 ALUMINUM				
3	(NOT USED)	-				
4	THRESHOLD	-				
5	THRESHOLD	-				
6	(NOT USED)	-				
7	AFCO H-497 THRESHOLD	-				
8	WEATHERSTRIP	URETHANE FOAM & POLYETHYLENE				
9	NON-COMPRESSION SHIM (0.25" MAX. THK.)	COMPOSITE				
10	2X WOOD (S.G. MUST BE 0.55 OR GREATER)	WOOD				
11	1X WOOD (S.G. MUST BE 0.55 OR GREATER)	WOOD				
12	#10 WOOD INSTALLATION SCREW W/ 1 1/2" MIN. EMBEDMENT	STEEL				
13	CONC./CMU ANCHOR (SEE ANCHOR TABLE SHEETS 2 & 3)	STEEL				
14	BUTT HINGE (SEE SCHEDULE SHEET 5)	-				
15	LOCK SERIES 400	STEEL				
16	DEADBOLT SERIES 780	STEEL				
17	HOPPE MULI-POINT HARDWARE HLS9000	STEEL				
18	ADA THRESHOLD	-				

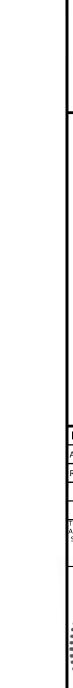


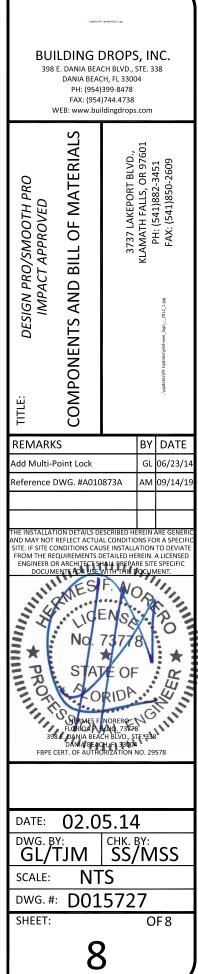




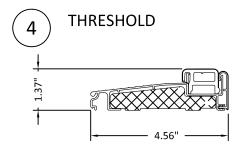


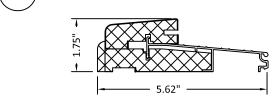


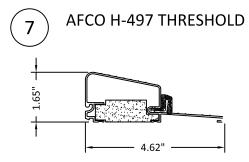


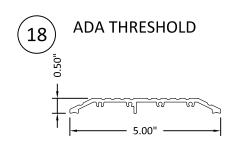


PREPARED BY:









THRESHOLD