

JELD WEN®

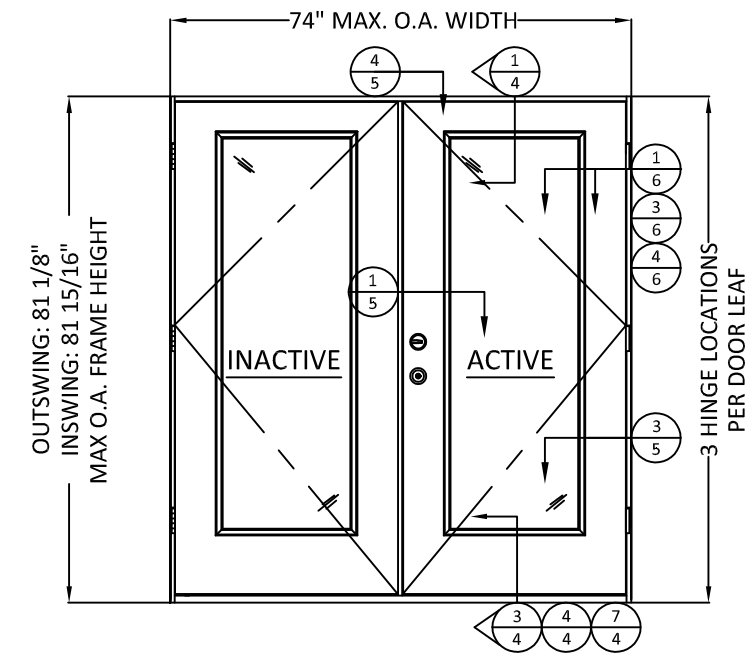
WINDOWS & DOORS

DESIGN PRO / SMOOTH PRO FULL LITE NON-IMPACT

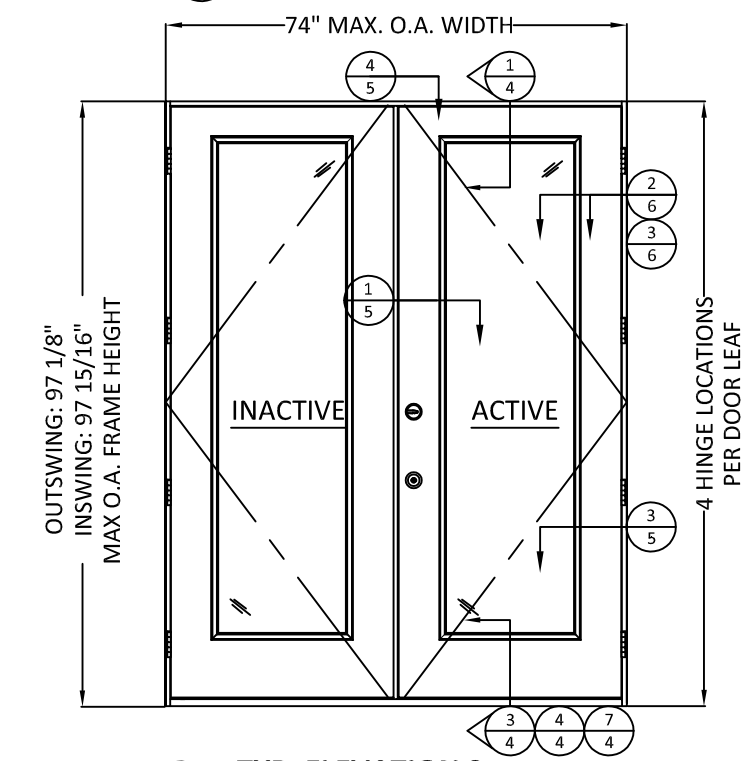
FOR USE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ)

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 202-94
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.
4. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
5. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.
6. FULL LITE APPROVAL COVERS USE OF FRACTIONAL GLAZING, INCLUDING INTERNAL GRID, BLINDS BETWEEN GLASS, DECORATIVE AND EXTERNAL AND INTERNAL WROUGHT IRON. RADIUS (SHAPED) LITES ARE QUALIFIED FOR 6'-8" DOORS AT DP +/- 60 ONLY.
7. 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



1 TYP. ELEVATION 1
6'-8" DOOR HEIGHT



2 TYP. ELEVATION 2
8'-0" DOOR HEIGHT

NOTE:
INACTIVE AND ACTIVE DOOR PANEL ORIENTATION IS INTERCHANGEABLE.

CONFIGURATION	MAX. OVERALL NOMINAL SIZE		DESIGN PRESSURE (PSF)				MISSILE IMPACT RATING
	WIDTH	HEIGHT	INSWING		OUTSWING		
			POS.	NEG.	POS.	NEG.	
XX	6'-0"	6'-8"	60*	60	60*	60	NON-IMPACT
XX RADIUS	6'-0"	6'-8"	60*	60	60*	60	NON-IMPACT
XX	6'-0"	8'-0"	50*	50	50*	50	NON-IMPACT

*SEE GENERAL NOTE 7, SHEET 1, FOR WATER INFILTRATION APPROVED SILLS.

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SHEET	REVISION	SHEET DESCRIPTION
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4	-	VERTICAL ASSEMBLIES
5	A	HORIZONTAL ASSEMBLIES
6	A	GLAZING DETAILS
7	-	WOOD SUBSTRATES
8	-	CONCRETE SUBSTRATES
9	A	COMPONENTS & BILL OF MATERIALS

PREPARED BY:

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 DANIA BEACH, FL 33004
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 FAX: (954)744.4738
 WEB: www.buildingdrops.com

TITLE: DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT
 TYPICAL ELEVATIONS, DESIGN PRESSURES, AND GENERAL NOTES

3737 LAKEPORT BLVD.,
 KLAMATH FALLS, OR 97601
 PH: (541)882-3451
 FAX: (541)850-2609


REMARKS	BY	DATE
Add MP Lock & Radius Lt.	GL	6/19/14
Reference DWG. # A010864A	AM	09/11/19

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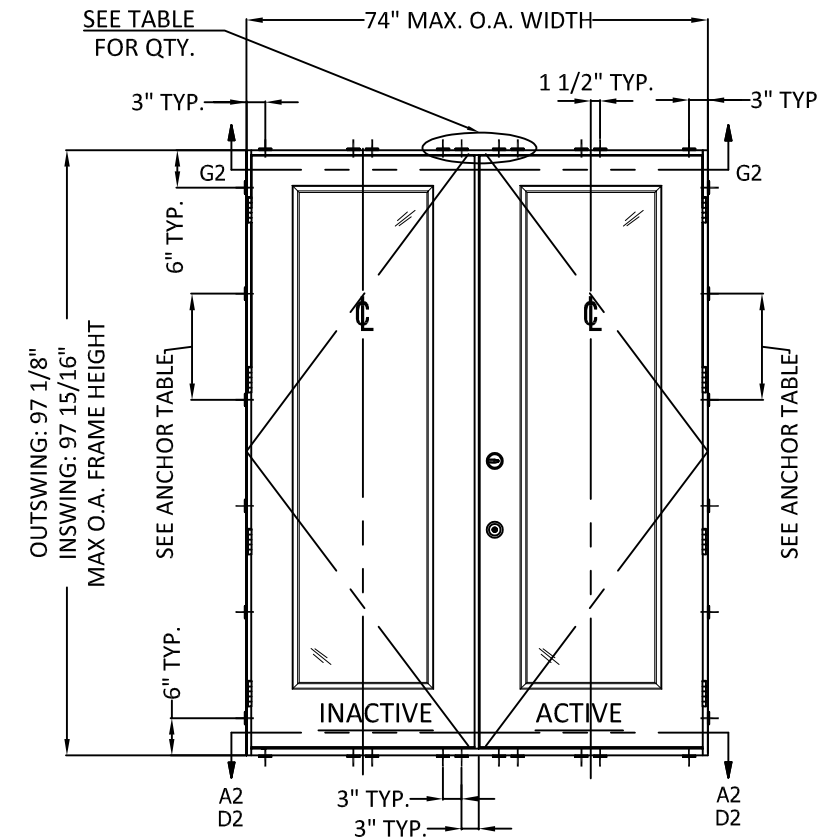


HERMES F. NORERO
 PROFESSIONAL ENGINEER
 LICENSE NO. 73778
 STATE OF FLORIDA
 398 E. DANIA BEACH BLVD., STE. 338
 DANIA BEACH, FL 33004
 FBPE CERT. OF AUTHORIZATION NO. 29578

DATE: 02.05.14
 DWG. BY: GL/TJM
 CHK. BY: SS/MSS
 SCALE: NTS
 DWG. #: D015710
 SHEET: 1 OF 9

INSTALLATION NOTES:

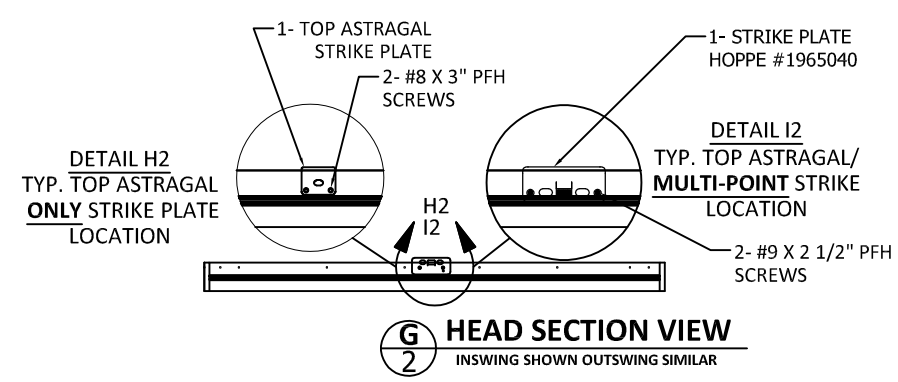
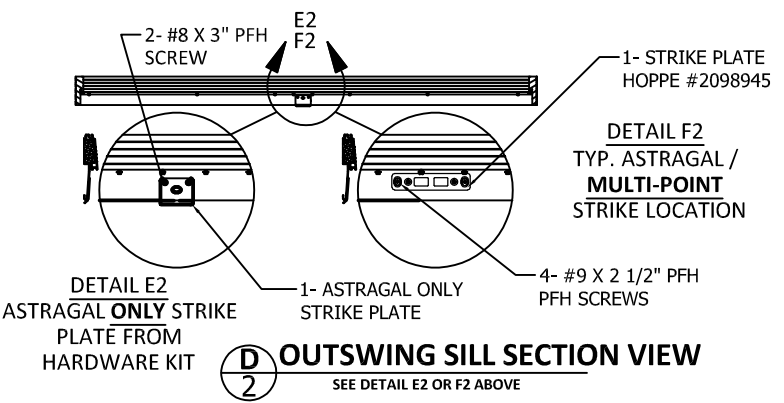
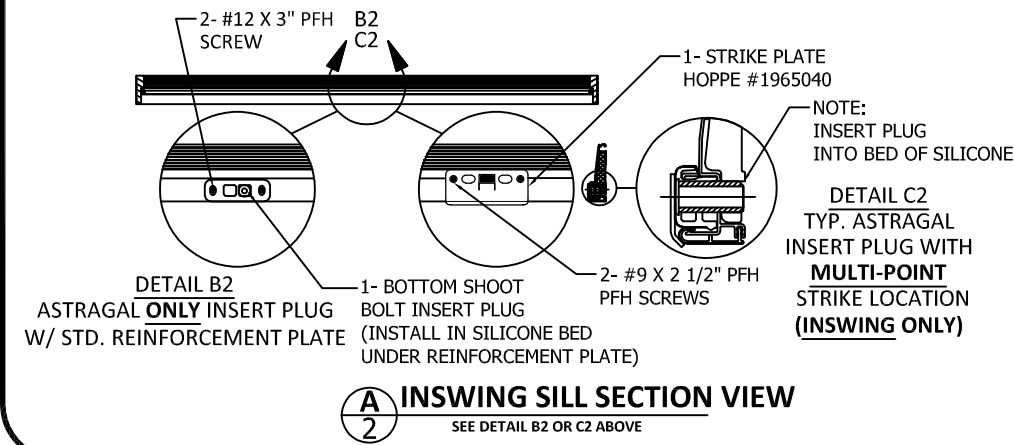
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- 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:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - 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 PSI.
 - HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
- SEE SHEETS 7 AND 8 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.



1 TYP. ANCHOR LAYOUT
6'-8\"/>

ANCHOR TABLE

ANCHOR TYPE	ANCHOR SIZE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	6'8\"/>			
					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



NOTE:
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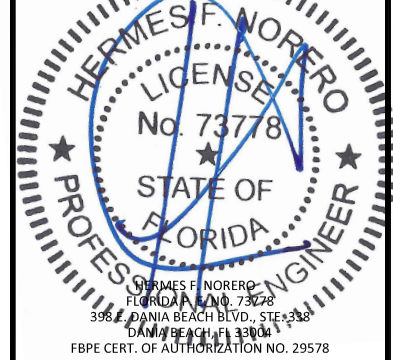
TITLE: **DESIGN PRO/SMOOTH PRO FULL LITE NON-IMPACT ANCHOR LAYOUTS AND NOTES**

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JELD-WEN
WINDOWS & DOORS

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DWG. BY: **GL/TJM** | CHK. BY: **SS/MSS**

SCALE: **NTS**

DWG. #: **D015710**

SHEET: **OF 9**

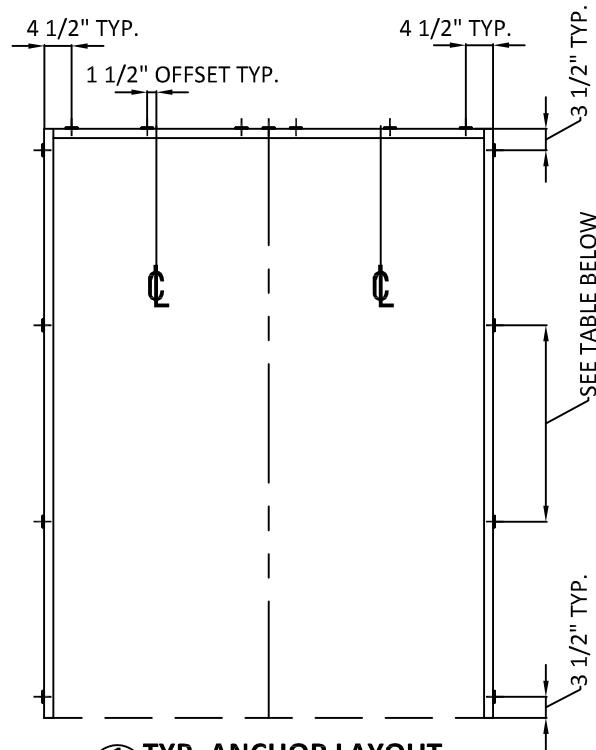
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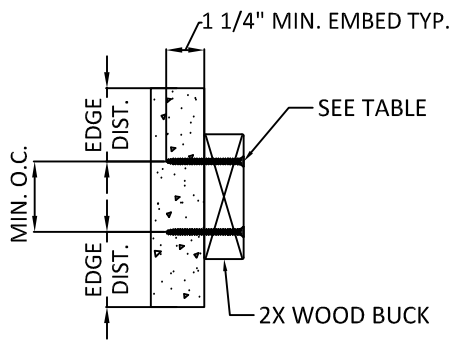
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TITLE: DESIGN PRO/SMOOTH PRO FULL LITE
 NON-IMPACT
 OPTIONAL 2X BUCK
 ANCHORING DETAILS

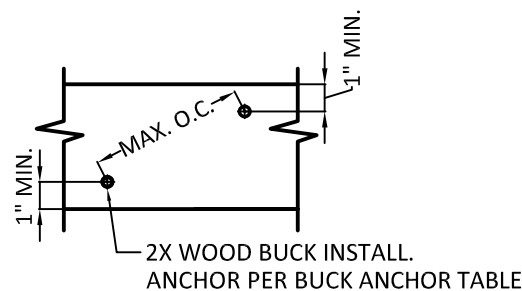
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1 TYP. ANCHOR LAYOUT
3 OPTIONAL 2X BUCK IN CONCRETE/MASONRY



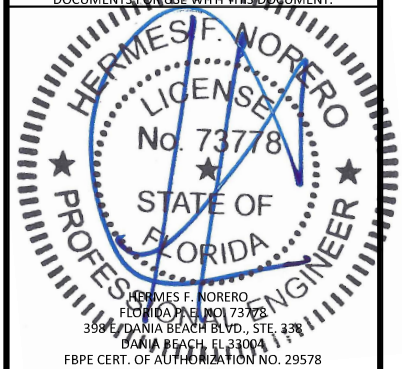
3 2X WOOD BUCK INSTALL.
 CROSS SECTION



4 2X WOOD BUCK INSTALL.
 SIDE VIEW

2X BUCK ANCHOR TABLE							
ANCHOR TYPE	ANCHOR SIZE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DIST. TO SUBSTRATE	MIN. CENTER TO CENTER DISTANCE	6'8" DOORS	8'0" DOORS
						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"

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SCALE: NTS

DWG. #: D015710

SHEET: OF 9

NOTES:

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

PREPARED BY:



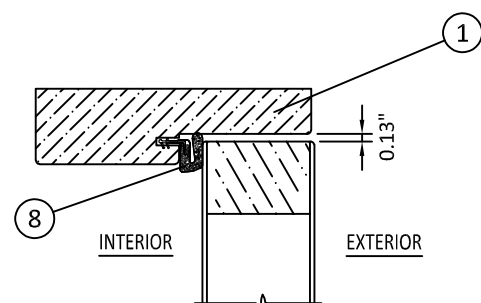
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TITLE: DESIGN PRO/SMOOTH PRO FULL LITE
 NON-IMPACT

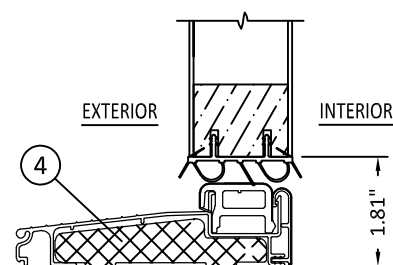
VERTICAL ASSEMBLIES

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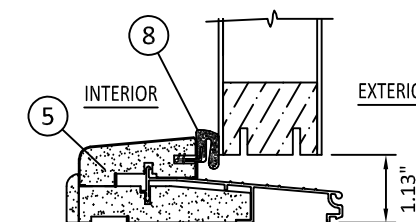
JELD-WEN
 WINDOWS & DOORS



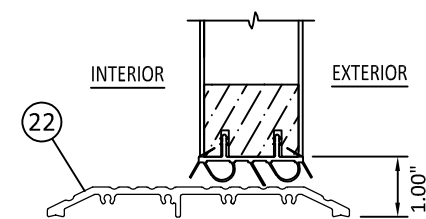
1
4 **OPERABLE HEAD**
 OUTSWING SHOWN - INSWING SIMILAR



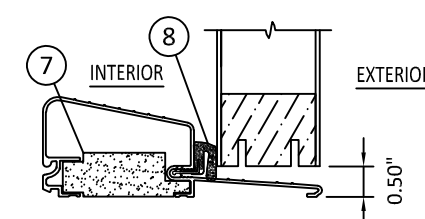
3
4 **OPERABLE SILL**
 INSWING



4
4 **OPERABLE SILL**
 OUTSWING



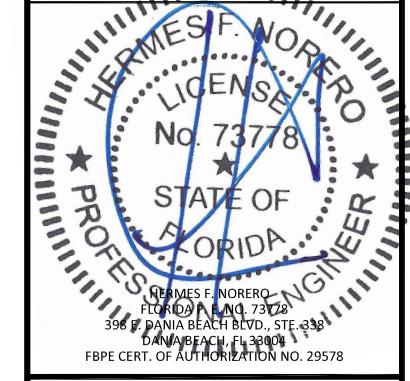
5
4 **OPERABLE ADA SILL**
 INSWING/OUTSWING



7
4 **OPERABLE SILL**
 OUTSWING
 OPTIONAL AFCO H-497

REMARKS	BY	DATE
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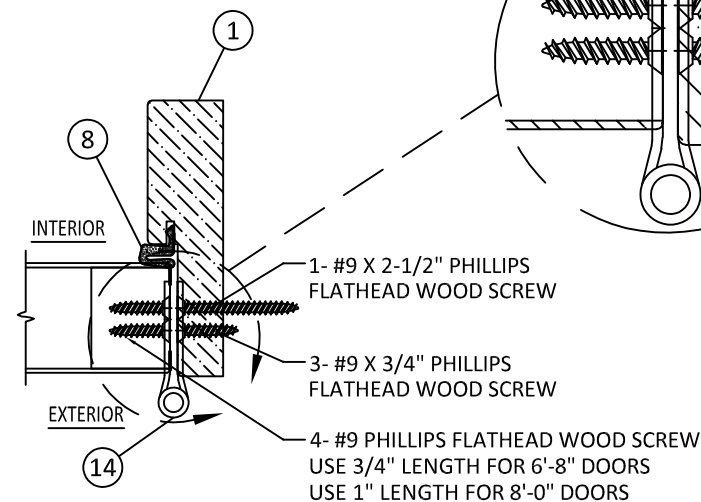
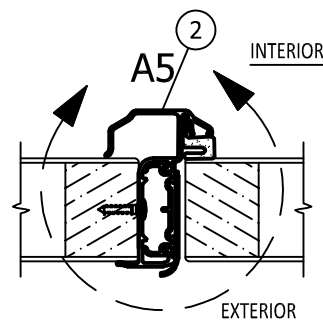
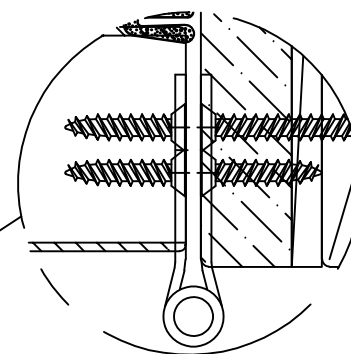
TITLE: DESIGN PRO/SMOOTH PRO FULL LITE
 NON-IMPACT
 HORIZONTAL ASSEMBLIES,
 GLAZING DETAIL

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JELD-WEN
 WINDOWS & DOORS

HINGE SCHEDULE	
DOOR HEIGHT	QUANTITY
6'-8"	3
8'-0"	4

HINGE DETAIL AT JAMB:
 PLACE #9 X 2-1/2" PFH SCREW NEXT TO WEATHERSTRIP

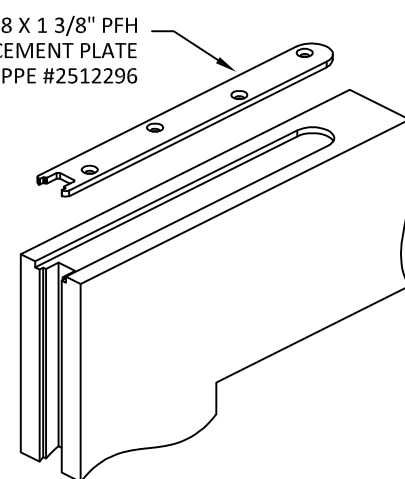
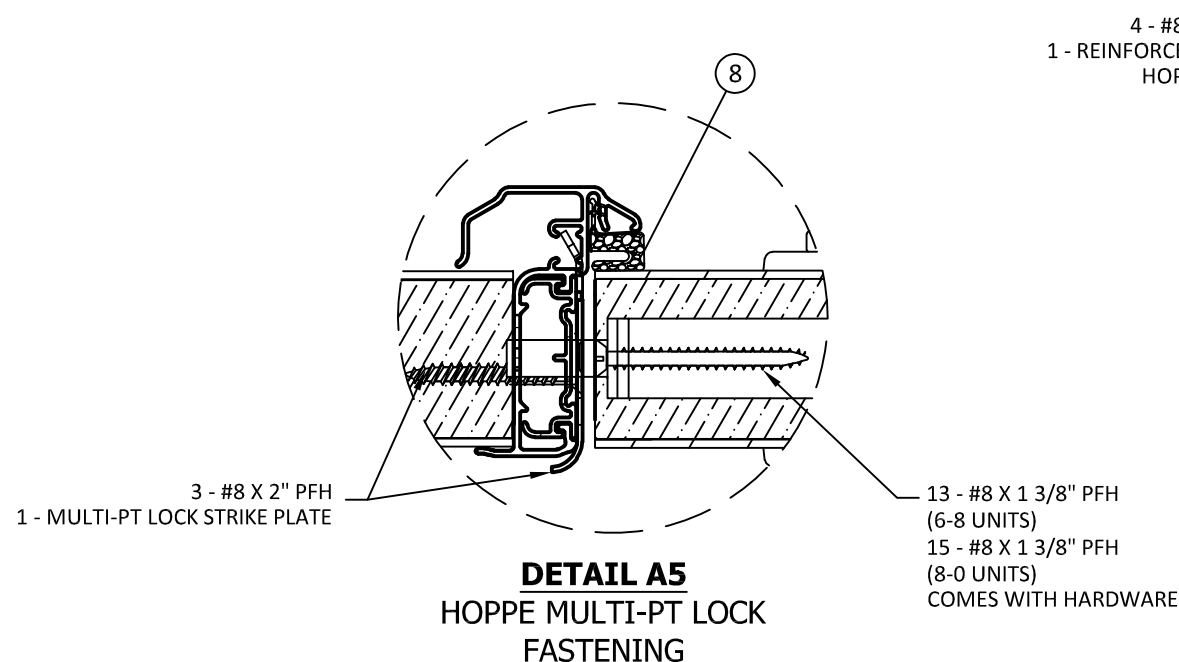
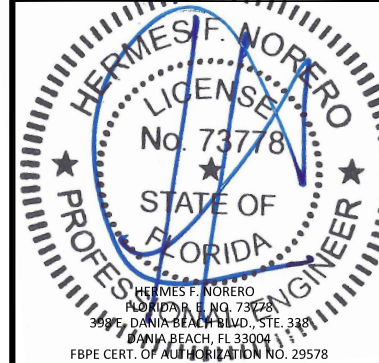


1
5 MEETING STILE
 OUTSWING SHOWN - INSWING SIMILAR

3
5 HINGE JAMB
 OUTSWING SHOWN - INSWING SIMILAR

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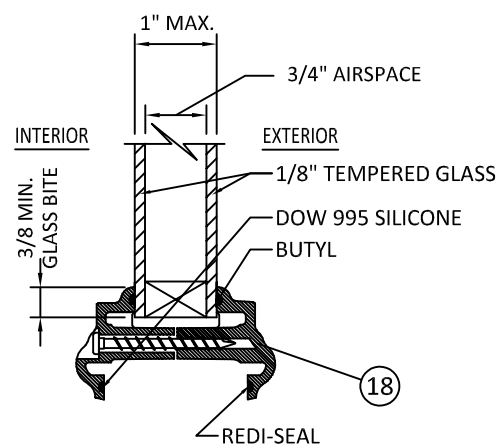
4
5 HOPPE MULTI-POINT LOCK
 TOP REINFORCEMENT PLATE - ACTIVE PANEL ONLY

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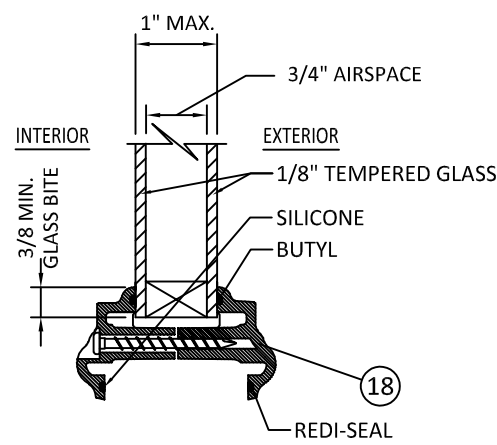
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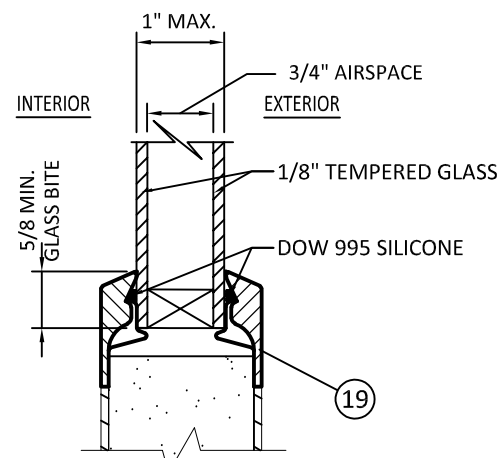
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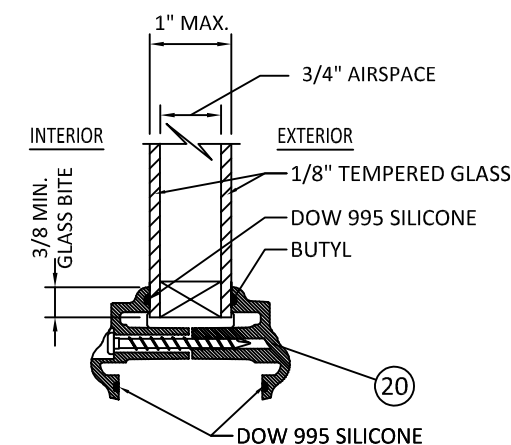
1 **6'-8" GLAZING DETAIL**
 20 1/2" MAX. D.L.O. WIDTH
 62 1/2" MAX. D.L.O. HEIGHT



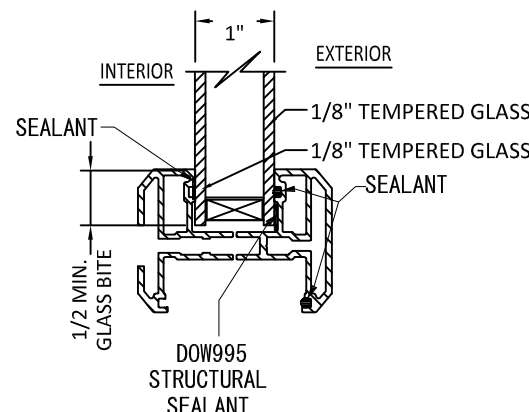
2 **8'-0" GLAZING DETAIL**
 20 1/2" MAX. D.L.O. WIDTH
 78 1/2" MAX. D.L.O. HEIGHT



3 **FLUSH GLAZE DETAIL**
 23 7/8" MAX. D.L.O. WIDTH
 78 7/8" MAX. D.L.O. HEIGHT



4 **GLAZING DETAIL**
 FOR OVAL, SUNBURST, AND ROUND TOPS
 ONLY IN 6'8" UNITS AT DP+/- 60 PSF



5 **GLAZING DETAIL OPTION**
 20 1/2" MAX D.L.O. WIDTH
 78 1/2" MAX D.L.O. HEIGHT
 3-0 X 6-8 - DP 60
 6-0 X 6-8 - DP 60
 3-0 X 8-0 - DP 50
 6-0 X 8-0 - DP 45

NOTE:
 FRACTIONAL GLAZING, INCLUDING INTERNAL GRID, BLINDS BETWEEN GLASS, DECORATIVE, EXTERNAL AND INTERNAL WROUGHT IRON AND RADIUS (SHAPED) LITES ARE APPROVED IN ALL GLAZING DETAILS SHOWN ABOVE.

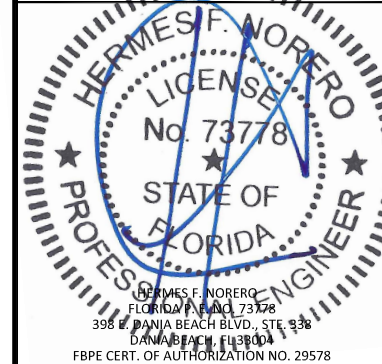
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 GLAZING DETAIL

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DESIGN PRO/SMOOTH PRO FULL LITE
NON-IMPACT
WOOD INSTALLATION

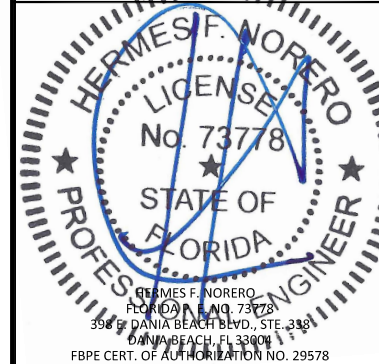
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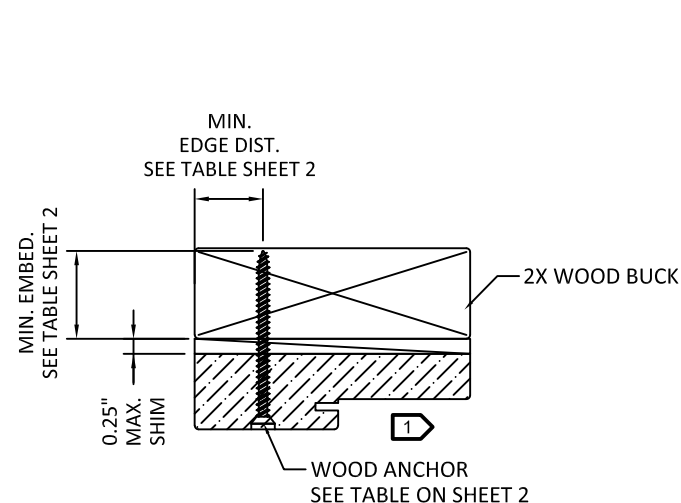
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SCALE: NTS

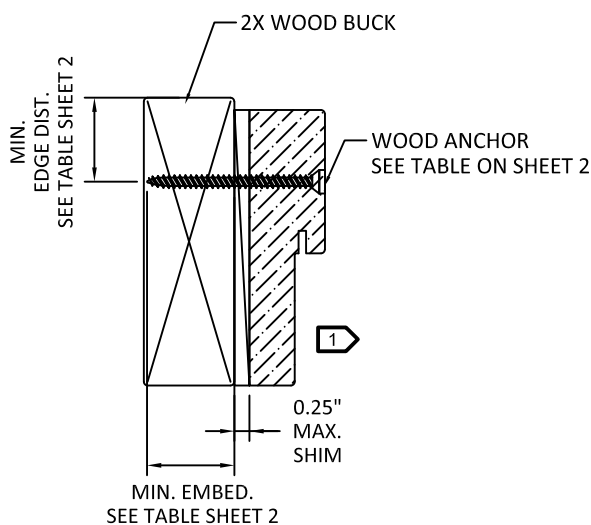
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SHEET: OF 9

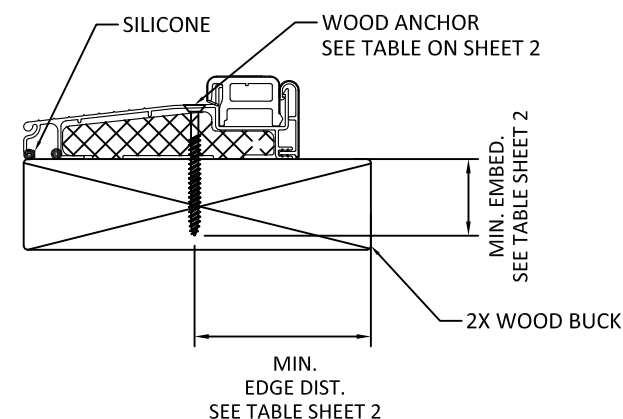
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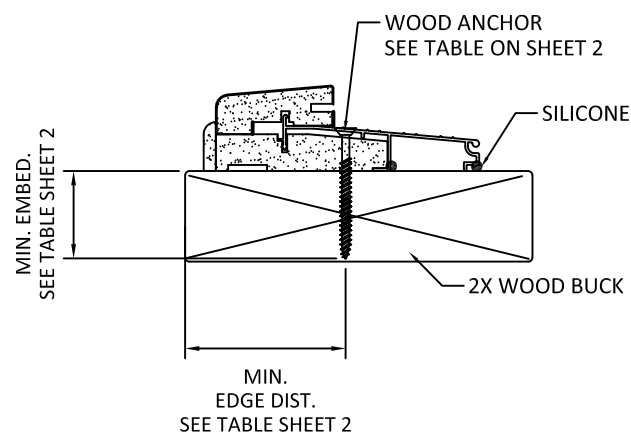
1
7 **HEAD (TYPICAL)**
OUTSWING SHOWN - INSWING SIMILAR



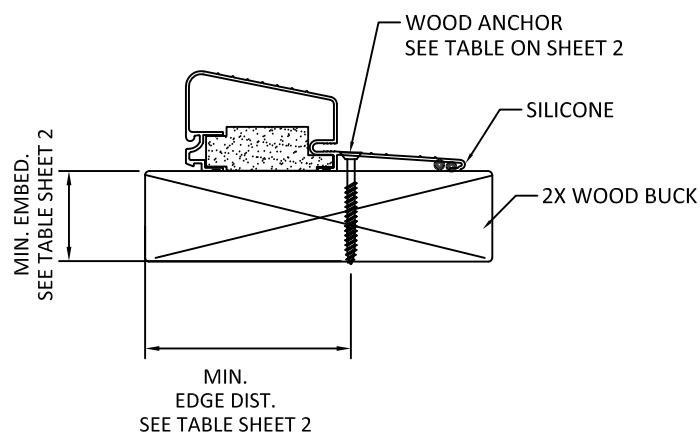
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7 **JAMB (TYPICAL)**
OUTSWING SHOWN - INSWING SIMILAR



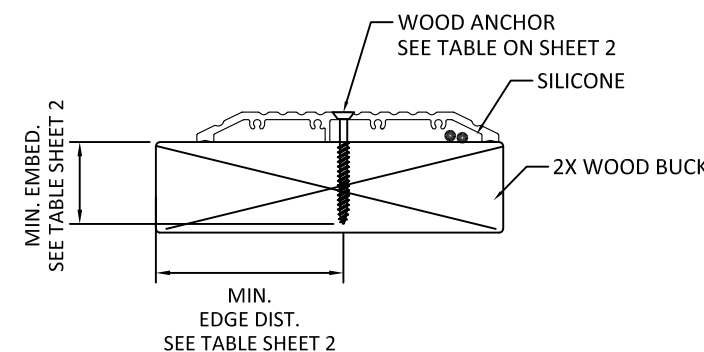
3
7 **OPERABLE SILL**
INSWING



4
7 **OPERABLE SILL**
OUTSWING



5
7 **OPERABLE SILL**
HIGH BUMP OUTSWING
AFCO H-497



6
7 **ADA THRESHOLD**

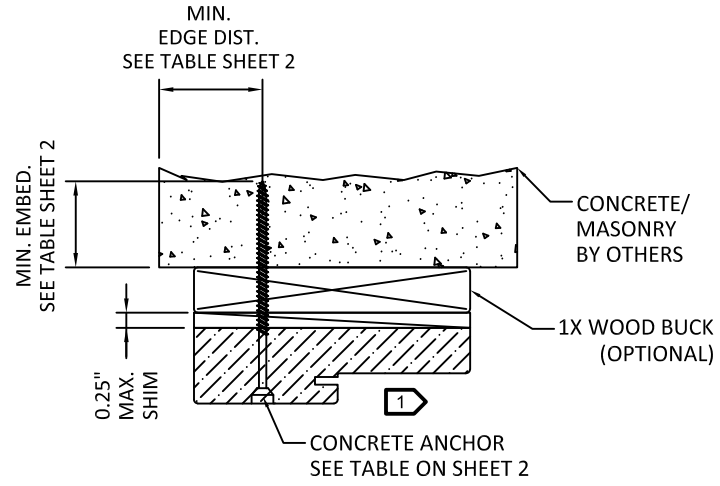
1 OPTIONALLY, ANCHOR CAN BE PLACED IN NARROW SECTION OF HEAD OR JAMB AS LONG AS MINIMUM EMBEDMENT AND EDGE DISTANCE ARE ACHIEVED.

PREPARED BY:

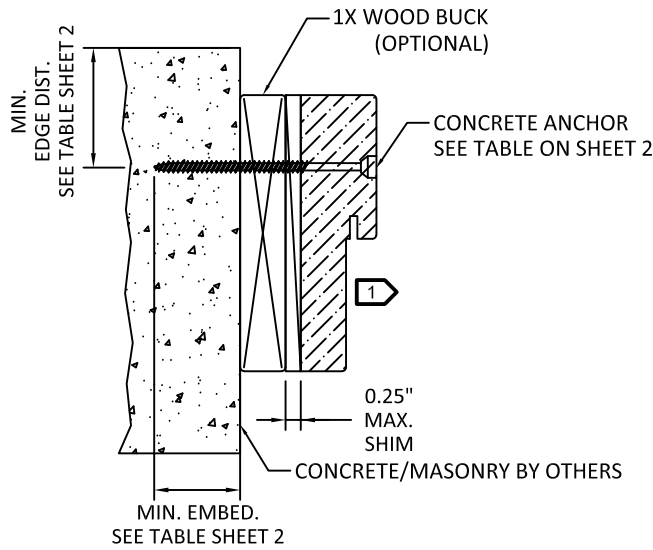
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TITLE:
**DESIGN PRO/SMOOTH PRO FULL LITE
 NON-IMPACT
 CONCRETE INSTALLATION**

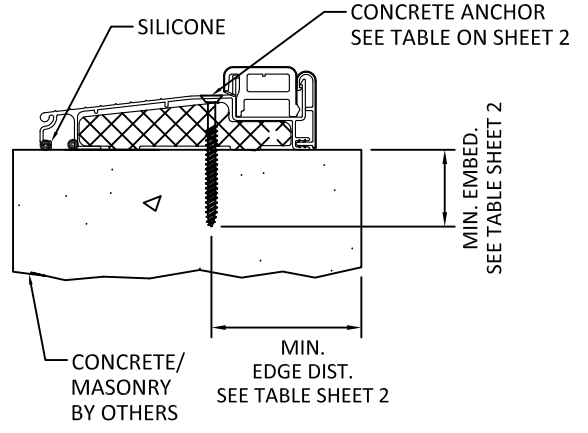
3737 LAKEPORT BLVD.,
 KLAMATH FALLS, OR 97601
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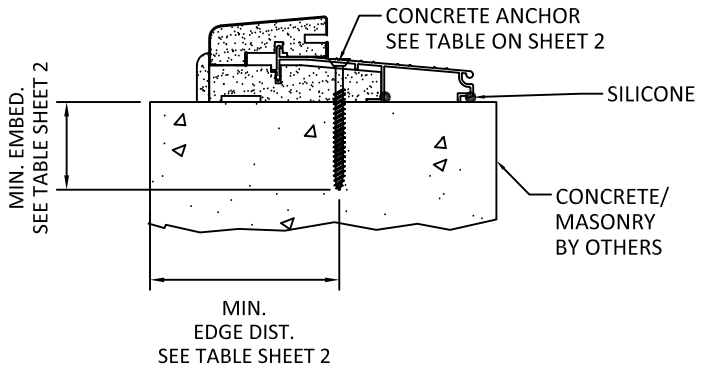
1
8 **HEAD (TYPICAL)**
 OUTSWING SHOWN - INSWING SIMILAR



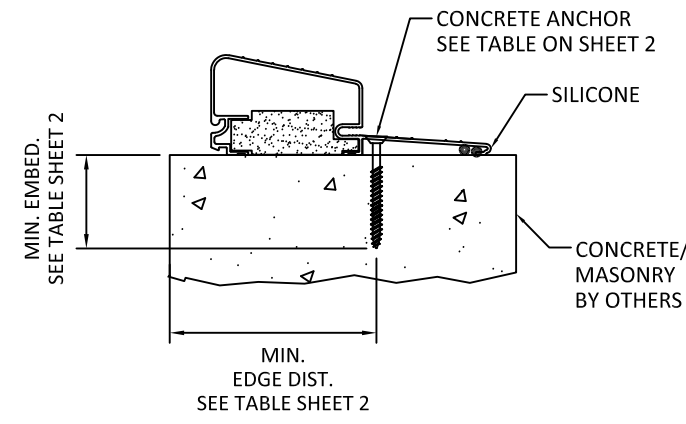
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8 **JAMB (TYPICAL)**
 OUTSWING SHOWN - INSWING SIMILAR



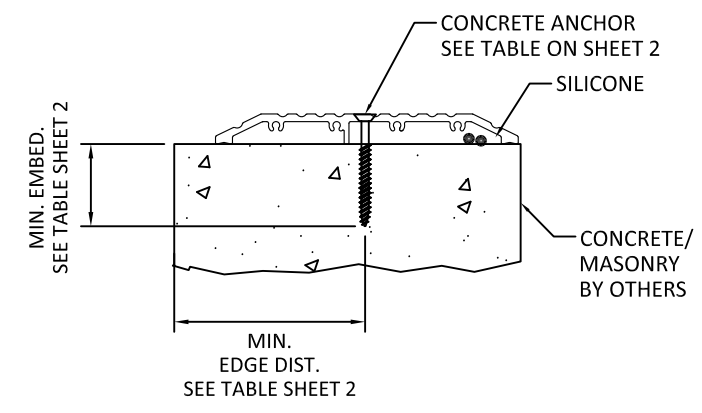
3
8 **OPERABLE SILL**
 INSWING



4
8 **OPERABLE SILL**
 OUTSWING



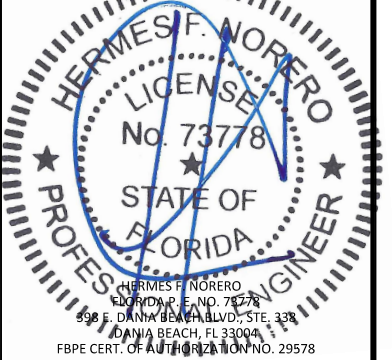
7
8 **OPERABLE SILL**
 HIGH BUMP OUTSWING
 AFCO H-497



6
8 **ADA THRESHOLD**

REMARKS	BY	DATE
Add MP Lock & Radius Lt.	GL	6/19/14
Reference DWG. # A010864A	AM	09/11/19

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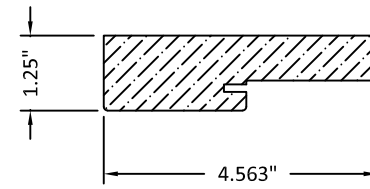


DATE:	02.05.14
DWG. BY:	GL/TJM
CHK. BY:	SS/MSS
SCALE:	NTS
DWG. #:	D015710
SHEET:	OF 9

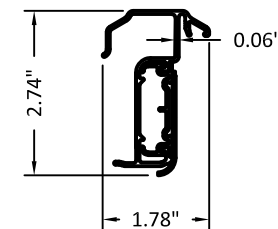
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BILL OF MATERIALS		
ITEM#	DESCRIPTION	MATERIAL
1	FRAME HEAD/JAMBS	FINGER-JOINTED PINE
		SOLID PINE
		LAMINATED VENEER LUMBER
		COMPOSITE
2	ASTRAGAL, ENDURA ULTIMATE HURRICANE (SEE SHEET 2 FOR HARDWARE AND FASTENING DETAILS)	6063-T6 ALUMINUM
3	(NOT 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 MULTI-POINT HARDWARE HLS9000 (SEE SHEET 2 FOR HARDWARE AND FASTENING DETAILS)	STEEL
18	ODL LIPLITE KIT (NI)	HP POLYPRO./PC ABS
19	FLUSH GLAZING LEG	FIBERGLASS
20	ODL LIPLITE KIT (RADIUS LITES)	HP POLYPRO./PC ABS
21	PU DOOR CORE	
22	ADA THRESHOLD	

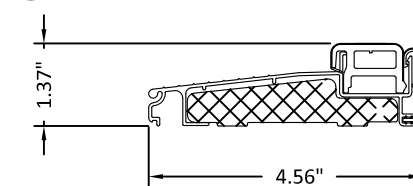
1 FRAME HEAD/JAMBS VARIES, SEE BOM ABOVE



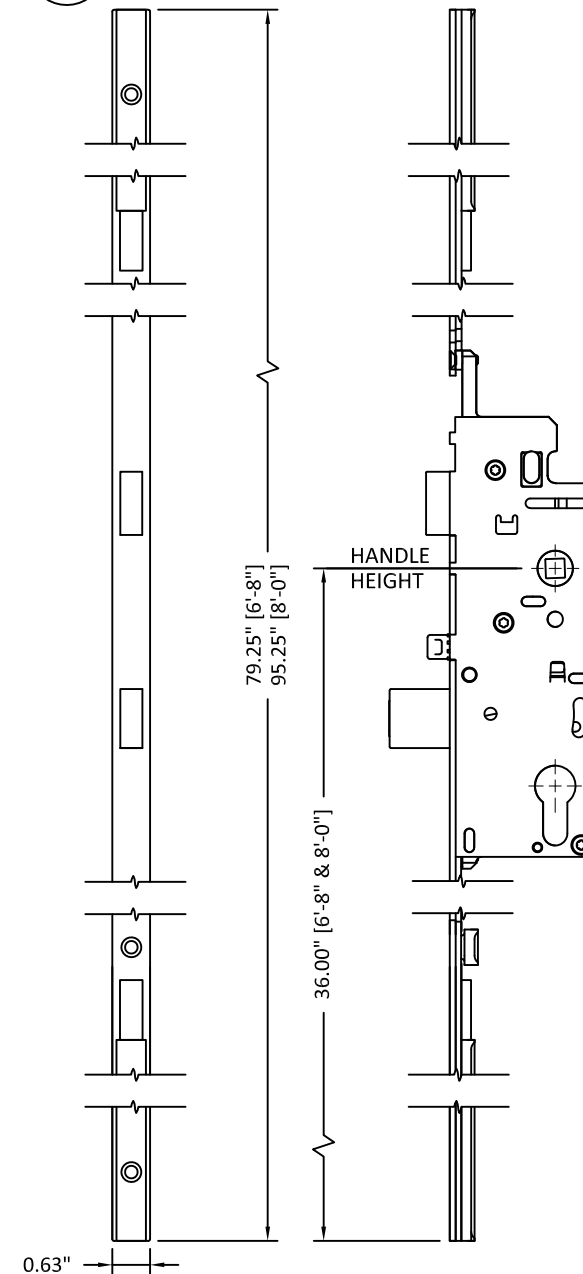
2 ENDURA ASTRAGAL ALUMINUM



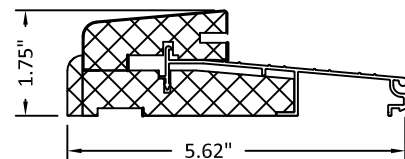
4 THRESHOLD



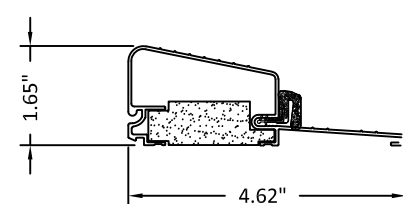
17 HOPPE MULTI-POINT LOCK



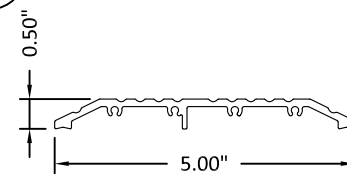
5 THRESHOLD



7 AFCO H-497 THRESHOLD



22 ADA THRESHOLD



PREPARED BY:

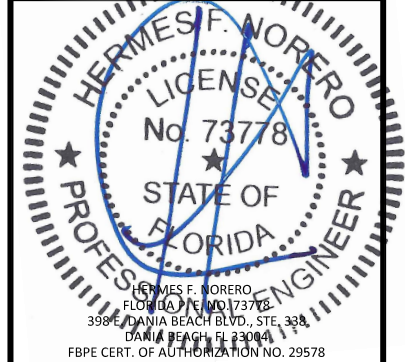
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SCALE: NTS

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