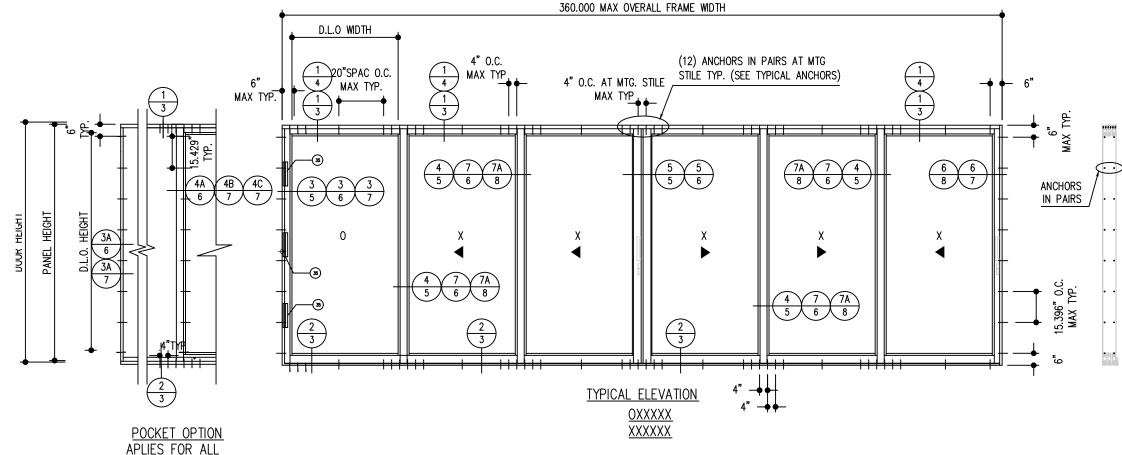
VISTA VIEW SLIDING GLASS DOOR

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.

- THIS PRODUCT IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC 2020) 7th EDITION, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- GLAZING SYSTEM TESTED FOR LARGE MISSILE IMPACT AS PER MIAMI-DADE COUNTY PROTOCOLS (TAS 201, 202 & 203). HURRICANE WIND-BORNE DEBRIS PROTECTION IS NOT REQUIRED.
- 3. CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.
- 4. BUCKS ARE BY OTHERS AND MUST BE ANCHORED PROPERLY TO THE STRUCTURE. BUCKS AND BUCKING SHALL BE DESIGNED BY SPECIALTY ENGINEER OR E.O.R.
- 5. ANCHORS SHALL BE AS LISTED IN CHARTS AND SPACED AS DETAILED.
- 6. FRAME ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO AS PER APPROVED FRAME ANCHOR CHARTS ON PAGES 5, 6, 7 & 9.
- ALL SUBSTRATES, BUCKING OR ANCHOR CONDITIONS SHALL BE QUALIFIED BY A SPECIALTY ENGINEER OR E.O.R.
- 8. ALL ALUMINUM FRAMES SHALL BE ISOLATED FROM STEEL AND CONCRETE WITH HIGH STRENGTH STRUCTURAL PLASTIC SHIMS OR AS PER FBC.
- PANEL WIDTHS SMALLER THAN 36" MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER FLORIDA BUILDING CODE, AS APPLICABLE.
- 10. ONE-THIRD (33%) INCREASE IN ALLOWABLE STRESS FOR WIND LOAD DESIGN NOT USED HAS BEEN USED.



DAYLITE OPENINGS:

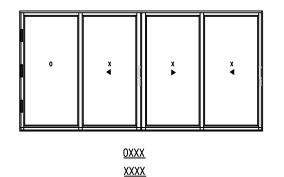
D.L.O. HEIGHT = PANEL HEIGHT - 9 7/16"

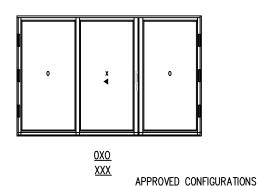
D.L.O. WIDTH = PANEL WIDTH -9"

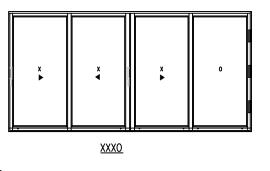
D.L.O. WIDTH = PANEL WIDTH ASTRAGAL - 9 3/4"

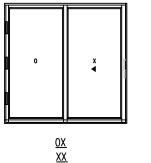
PANEL HEIGHT = DOOR HEIGHT - 1 7/8"

ALL DOOR INSTALLATION MUST BE IN ACCORDANCE WITH ALDORA INSTALLATIONS INSTRUCTIONS.
ALL SEALANTS TO BE DC 795 SILICONE OR EQUAL.
(EQUAL SEALANTS MUST BE TESTED BY SEALANT MANUFACTURER FOR COMPATIBILITY & ADHESION).









CLADDING.

STEP 2 - CHECK DESIGN PRESSURE CAPACITY FOR DESIRED GLASS TYPE/SIZE USING CHARTS ON SHEET 2. THE DESIGN PRESSURE ON THE CHART SHOULD BE EQUAL TO OR EXCEED THE PROJECT DESIGN PRESSURE.

DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE. USING APPLICABLE ASCE 7 STANDARDS FOR COMPONENTS AND

STEP 3 — SELECT ANCHOR OPTION(S) BASED ON SUBSTRATES SCHEDULE ON SHEET 3.

 PROJECT NAME:
 VISTA VIEW SLIDING GLASS DOOR — LMI

 DRAW BY:
 PRODUCT APPROVAL NO.:

 VVSGD2022—03—25
 D.O.P.
 FL 41125.1

 SCALE:
 DATE:

 SHT.
 1
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STATE OF

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MEL M. D. COOK P.E. #43904

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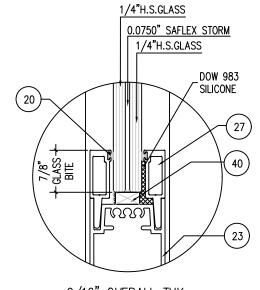
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INSTRUCTIONS:

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PANEL WIDTH (IN)	DOOR HEIGHT (IN)	ALL GLASS TYPES W/OUT REINFORCED INTERLOCKS		ALL GLASS TYPES WITH REINFORCED INTERLOCKS		ALL GLASS TYPES WITH LITE ASTRAGAL MEETING STILE	
		PSF (+)	PSF (-)	PSF (+)	PSF (-)	PSF (+)	PSF (-)
42		68	68	80	105	75	75
48		68	68	80	105	75	75
54	1	67	67	80	98	75	75
60	84	60	60	80	88	-	-
66		55	55	80	80	-	-
72		50	50	74	74	-	-
78		46	46	68	68	-	-
42		68	68	80	105	75	75
48	1 [68	68	80	105	75	75
54	1 00	67	67	80	98	75	75
60	90	60	60	80	88	-	-
66	1	55	55	80	80	-	-
72	1	50	50	74	74	-	-
42		68	68	80	105	75	75
50	1 [68	68	80	105	75	75
54	1 [67	67	80	98	-	-
60	98	60	60	80	88	-	-
66	1	55	55	80	80	-	-
70		52	52	76	76	-	-
42		68	68	80	105	-	-
48	1 [68	68	80	105	-	-
54	102	67	67	80	98	-	-
60	1	60	60	80	88	-	-
66	1 [55	55	80	80	=	-
42		68	68	80	105	-	-
48	1	68	68	80	105	=	-
54	108	66	66	80	97	-	-
60	1	60	60	80	88	-	-
64	1	56	56	80	83	-	-
42		68	68	80	105	-	-
48	1	68	68	80	103	-	-
54	114	65	65	80	95	-	-
60	1	60	60	80	88	-	-
63	1	57	57	80	84	-	-
42		68	68	80	105	-	-
48	1	68	68	80	102	-	-
54	120	64	64	80	94	-	-
60	1	59	59	80	87	-	-
62.75		58	58	80	85	-	-



PANEL WIDTH NOMINAL = $\frac{\text{OVERALL DOOR WIDTH}}{\text{NUMBER OF PANELS}}$ PANEL HEIGHT = DOOR HEIGHT - 1 7/8"

1.75" SILL HEIGHT = +40 PSF

1.75" SILL HEIGHT CAN BE USED FOR INSTALLATIONS WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR WHERE OVERHANG RATIO COMPLIES WITH FBC REQUIREMENTS.

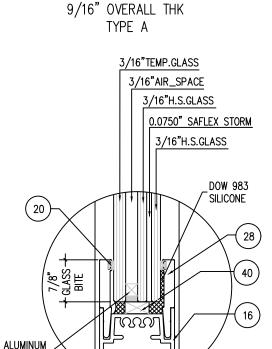
NOTE:

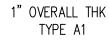
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION.

DECLARATORY STATEMENT DCA05-DEC-219.

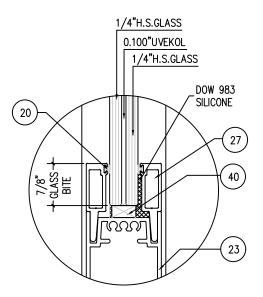
WATER INFILTRATION RESISTANCE

RISER	ALLOWABLE WATER RESISTANCE PRESSURE	CORRESPONDING DESIGN WIND PRESSURE
STANDARD SILL RISER, 3.5"	+12 PSF	80 PSF
LOW SILL RISER, 1.75"	+6 PSF	40 PSF

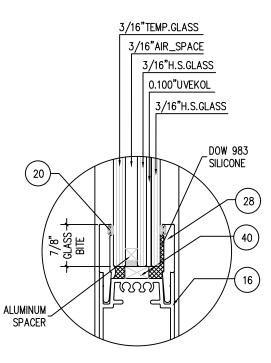




SPACER



9/16" OVERALL THK TYPE B



1" OVERALL THK TYPE B1

GLAZING OPTIONS

 PROJECT NAME:
 VISTA VIEW SLIDING GLASS DOOR — LMI

 DRAWING NUMBER:
 DRAW BY:
 PRODUCT APPROVAL NO.:
 FL 41125.1

 VVSGD2022—03—25
 SCALE:
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 10/18/2022



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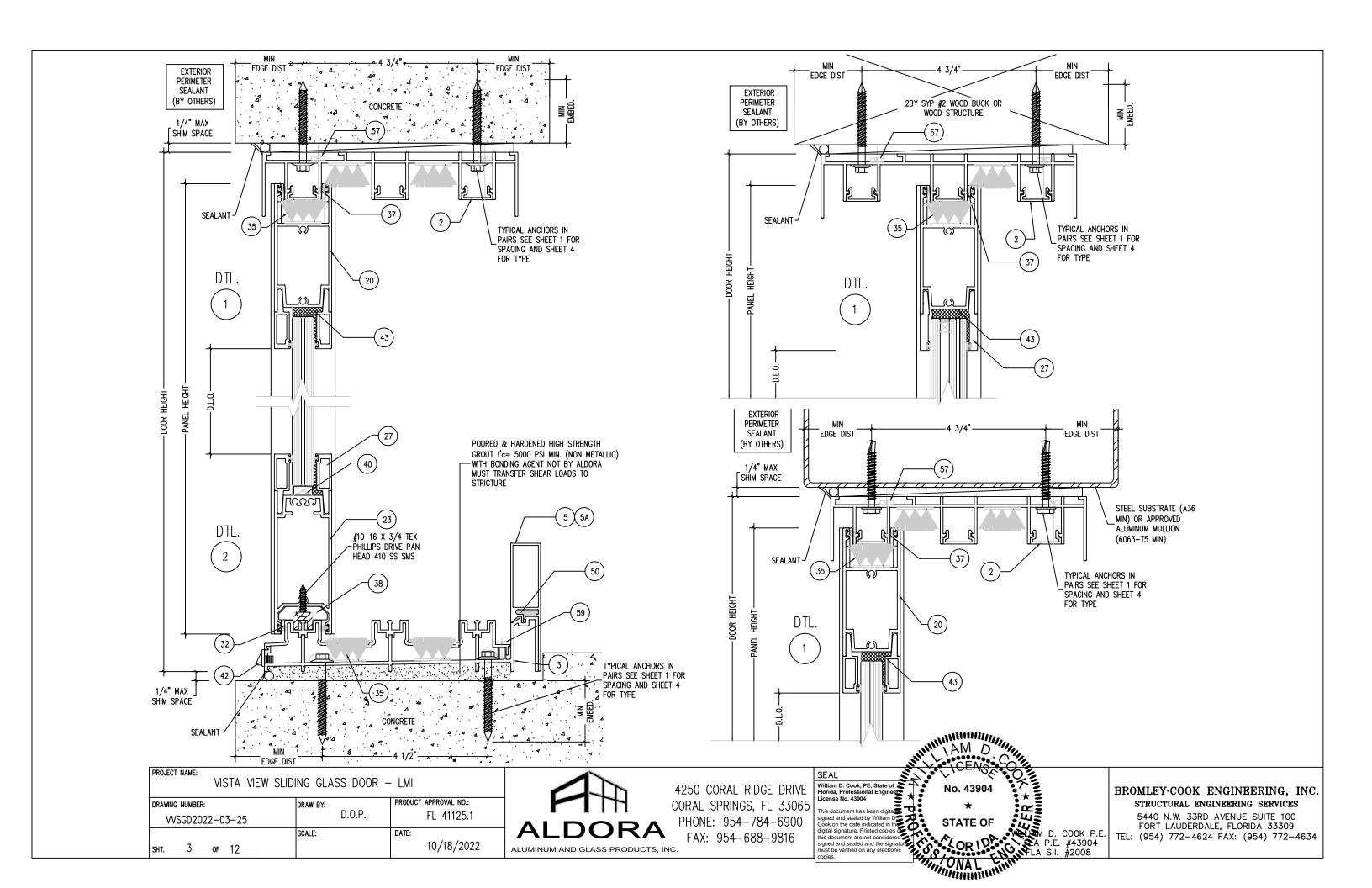
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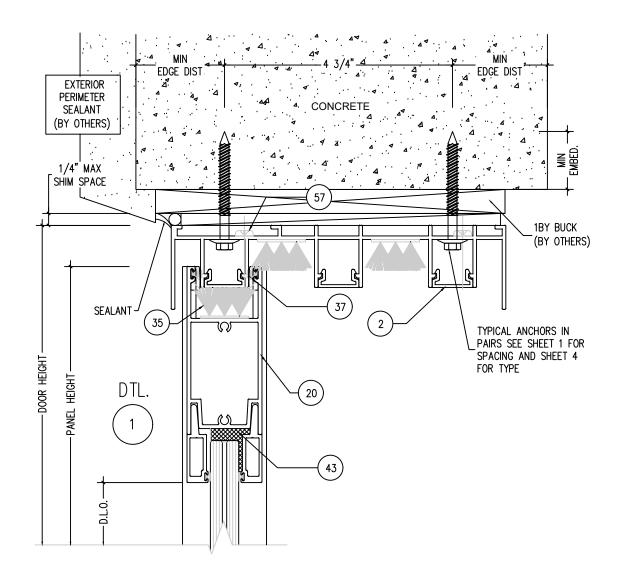
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AT HEAD/JAMBS/SILL

TYPE 'A' $- \frac{1}{4}$ " DIA. ULTRACON+ BY DEWALT (Fu = 164 KSI, Fy = 148 KSI)

INTO 2BY WOOD BUCK OR WOOD STRUCTURE 1-3/4" MIN THREAD PENETRATION INTO WOOD

THRU 1BY WOOD BUCK INTO CONCRETE 1-3/4" MIN EMBED INTO CONCRETE

THRU 1BY BUCK OR DIRECTLY INTO GROUT FILLED CMU (AT JAMBS) 1-1/4" MIN EMBED

TYPE 'B' $-\frac{1}{4}$ " DIA. ULTRACON+ BY DEWALT (Fu = 164 KSI, Fy = 148 KSI) DIRECTLY INTO CONCRETE 1-3/4" MIN EMBED INTO CONCRETE

TYPE 'C' - 1/4" DIA. SELF DRILLING SCREW (GRADE 5)

INTO F.B.C. APPROVED MULLION OR INTO METAL STRUCTURES (3) THREAD PENETRATION MIN BEYOND METAL THICKNESS ALUMINUM: 1/8" THK MIN (6063-T5 MIN) STEEL: 1/8" THK MIN (Fy=36 KSI MIN) (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

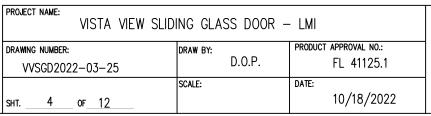
ANCHORS EDGE DISTANCE

INTO CONCRETE = 2-1/2" MIN INTO WOOD STRUCTUTRE = 1" MIN INTO METAL STRUCTURE = 3/4" MIN

WOOD AT HEAD OR JAMBS SG=0.55 MIN CONCRETE ATE HEAD, SILL OR JAMBS f'c = 3000 PSI MIN C-90 HOLLOW/FILLED CMU AT JAMBS f'm = 2000 PSI MIN

ANCHORAGE NOTES:

- 1. SHIM AS SHOWN. ALL ANCHORS SHALL BE SHIMMED WITH HARD PLASTIC SHIMS. USE SHIMS WHERE GAP IS GREATER
- 2. TWO (2) ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION
- EACH ROW OF INTERMEDIATE PANEL ANCHORS CONTAINS TWO
- ANCHOR CLUSTER IS TOTAL NUMBER OF ANCHORS. INSTALL IN ROWS OF TWO.





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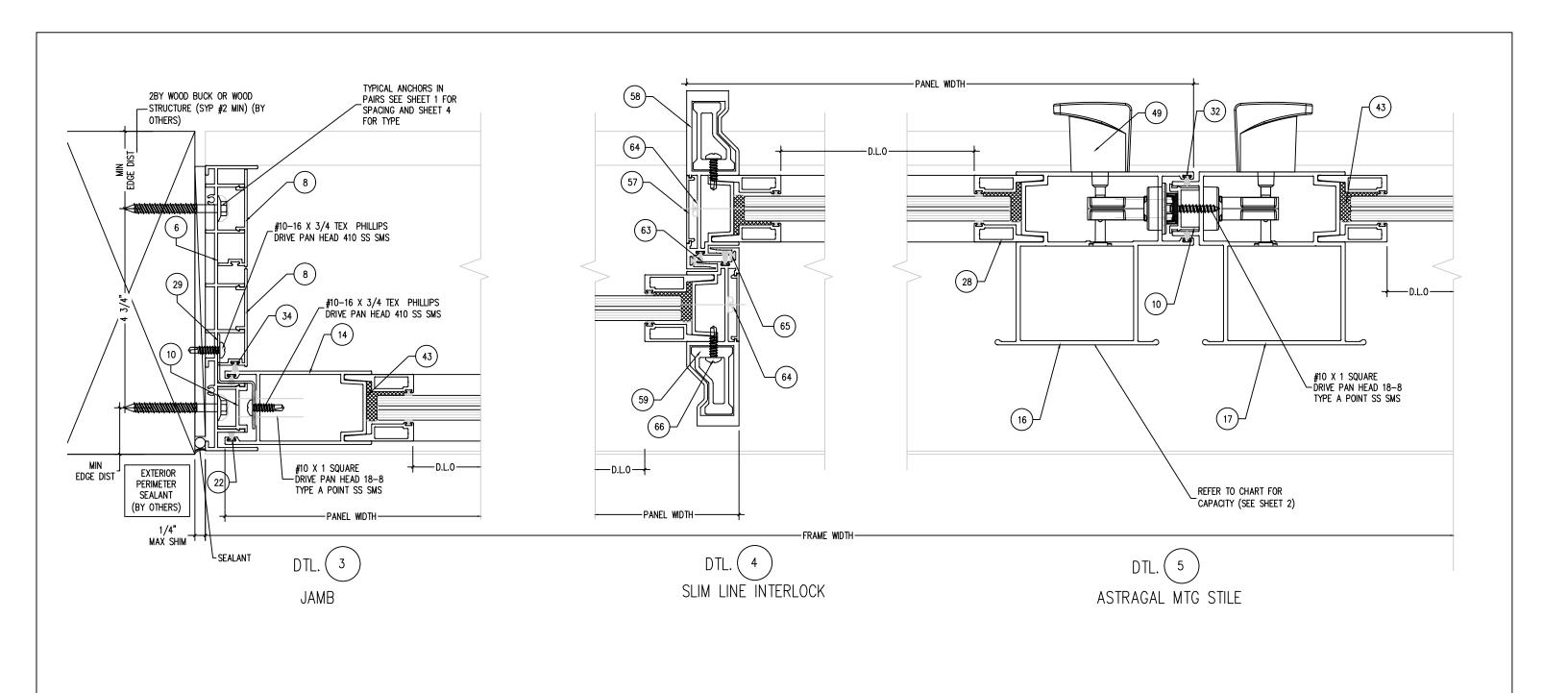
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PROJECT NAME: VISTA VIEW SLIDING GLASS DOOR — LMI						
DRAWING NUMBER: VVSGD2022-03-25	DRAW BY:	PRODUCT APPROVAL NO.: FL 41125.1				
sнт. <u>5</u> ог <u>12</u>	SCALE:	DATE: 10/18/2022				



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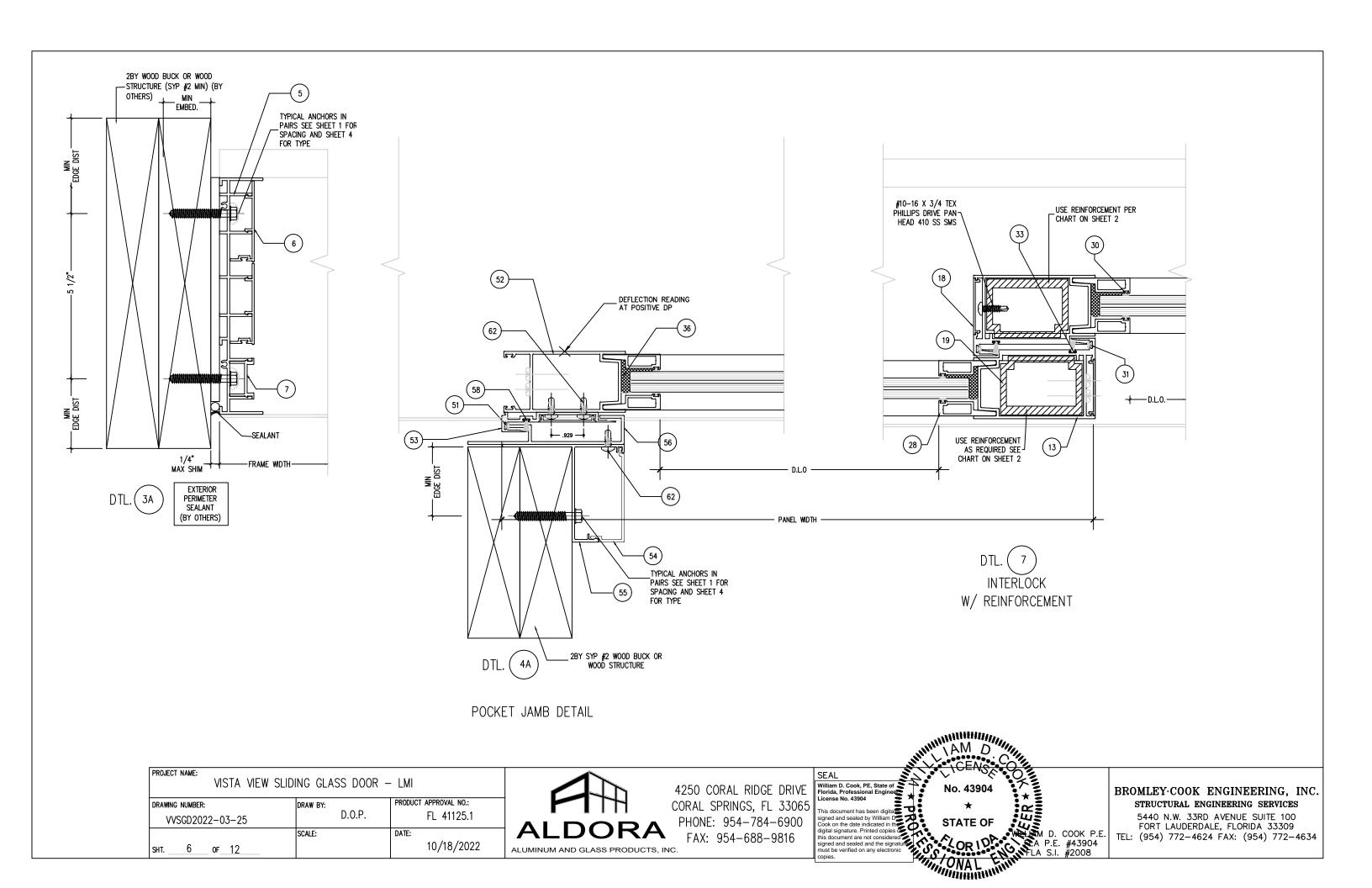
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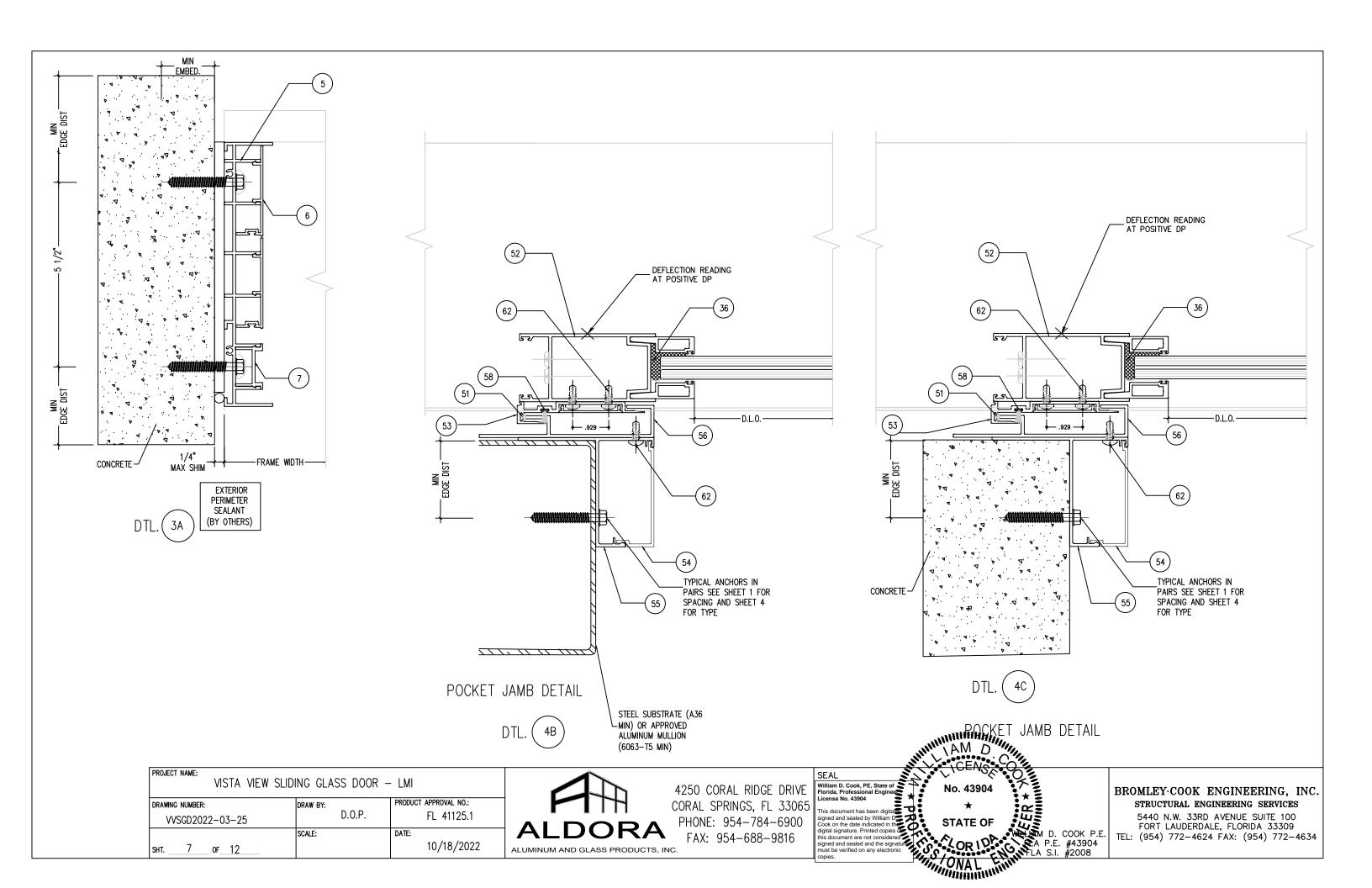
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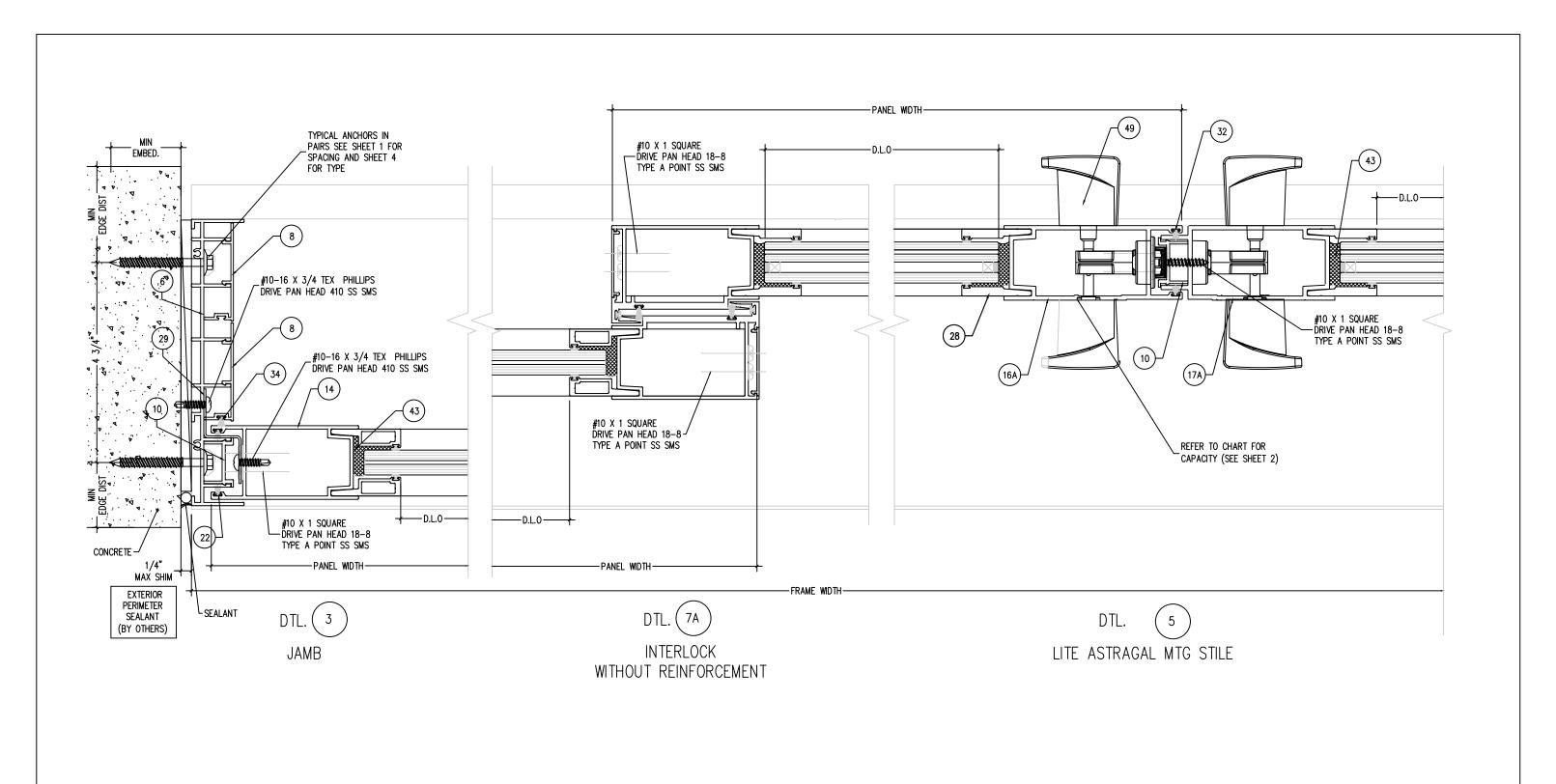
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DRAWING NUMBER: VVSGD2022-03-25	D.O.P.	PRODUCT APPROVAL NO.: FL 41125.1					
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