

SIMONTON WINDOWS *MAXVIEW Multi-Slide Patio Door (IMPACT)*

- NOTES:**
- THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE OUTSIDE THE HVHZ, AND WHERE PRESSURE REQUIREMENTS AS DETERMINED BY ASCE 7 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES DO NOT EXCEED THE DESIGN PRESSURE RATINGS HEREIN.
 - THIS PRODUCT IS MISSILE LEVEL D, WIND ZONE 3 IMPACT RESISTANT. WHEN USED IN WIND ZONE 3 OR BELOW AREAS, THIS PRODUCT DOES NOT REQUIRE THE USE OF APPROVED IMPACT PROTECTIVE DEVICES (SHUTTERS).
 - ANCHOR TYPE, SIZE, SPACING, EMBEDMENT, AND EDGE DISTANCE SHALL BE AS SPECIFIED IN THESE DRAWINGS. USE APPROPRIATE ANCHORAGE FROM TABLE I AND TABLE 2 ACCORDING TO SUBSTRATE TYPE. A MINIMUM CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL INSTALLATION FASTENERS IN ANY DIRECTION.
 - ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR MASONRY OPENINGS WITH WOOD BUCKS LESS THAN 1-1/2" THICK, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, AND INTO MASONRY SUBSTRATE. WOOD BUCKS WITH MASONRY ARE OPTIONAL.
 - WOOD, METAL, OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND INSTALLED BY OTHERS TO TRANSFER SUPERIMPOSED LOADS TO THE STRUCTURE. ADEQUACY OF THE STRUCTURE TO RECEIVED THESE LOADS SHALL BE VERIFIED BY THE CONTRACTOR OR AUTHORITY HAVING JURISDICTION (AHJ).
 - IT IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD OR AS APPROVED BY THE AHJ TO SELECT SIMONTON PRODUCTS TO MEET ALL APPLICABLE LOCAL LAWS, BUILDING CODES, ORDINANCES, OR OTHER SAFETY REQUIREMENTS FOR EACH INSTALLATION.
 - SHIMS ARE REQUIRED WHERE GAPS OF GREATER THAN 1/16" EXIST BETWEEN OPENING AND FRAME. MAX. SHIM STACK IS 1/4". SHIMS SHALL BE LOAD-BEARING AND CAPABLE OF TRANSFERRING LOADS TO THE SUBSTRATE.
 - SEALING AND FLASHING STRATEGIES FOR OVERALL WATER INFILTRATION RESISTANCE OF THE INSTALLED PRODUCT SHALL BE THE RESPONSIBILITY OF OTHERS USING ASTM E 2112 AND IS NOT ADDRESSED BY THIS DOCUMENT.
 - INSTALLED GLAZING SHALL COMPLY WITH ASTM E 1300.
 - ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS. ANY DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH CODE REQUIREMENTS.
 - A WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
 - PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS 3137.01/02/03/04/06/07/08/18-I06-II-RI BY MOLIMO ARCHITECHTURAL PRODUCT TESTING.
 - POCKET WALL/CAVITY IS NOT PART OF THIS APPROVAL AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION (AHJ).
 - USE A BACKER ROD ON ALL JOINTS >3/4" DEEP AND/OR WIDER THAN 1/4". FINISHED CAULK JOINT SHOULD BE A MINIMUM OF 3/8" DEEP.

SIZE CHART						
OVERALL FRAME MAX. SIZE		PERFORMANCE RATING	DESIGN PRESSURE	INSTALLATION METHOD	GLAZING TYPE	MIN. SILL RISER
WIDTH	HEIGHT					
230"	96"	R-PG50	+50/-50 PSF	NAIL FIN OR THROUGH FRAME	GLAZING DETAIL 1 & 2	1-3/4"
234"	96"		+50/-50 PSF			
346"	96"		+50/-50 PSF			

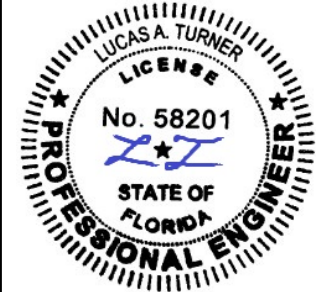
PANEL SIZE CHART			
PANEL CALL SIZE	PANEL MAX. SIZE	D.L.O.	
		WIDTH	HEIGHT
3-0	37-1/8" x 93-1/8"	28-1/8"	84-1/8"
4-0	49-1/8" x 93-1/8"	40-1/8"	84-1/8"
5-0	60" x 93-1/8"	51"	84-1/8"

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22	P-HOOK ANCHOR LAYOUT DETAILS
23	GLAZING DETAILS & SPLICE DETAILS



1 COCHRANE AVENUE
PENNSBORO, WV 26415
PH: 800-542-9118

<u>TITLE:</u> MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT NOTES & ANCHOR LAYOUTS					
DATE: 05/16/22		NO.	REVISION DESCRIPTION	BY	DATE
DWN BY: LMH		A	UPDATE PANEL SIZE CHART	LMH	8.22.22
CHK BY:					
SCALE: NTS					



11/18/2022
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
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(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

FL#: 41795

DWG #: IN0602

SHEET: 1-FL OF 22

PERFORMANCE GRADE LC-PG50

TABLE I: INSTALLATION FASTENERS TABLE

							PANEL WIDTH					
							UP TO 3-0 MAX.		4-0 MAX.		5-0 MAX.	
ID	FRAME LOCATION	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EDGE DISTANCE	MIN. EMBED.	MIN. ON CENTER SPACING	HEAD & SILL CLUSTERS QUANTITY	JAMB O.C. SPACING	HEAD & SILL CLUSTERS QUANTITY	JAMB O.C. SPACING	HEAD & SILL CLUSTERS QUANTITY	JAMB O.C. SPACING
A	HEAD/SILL/JAMB	CONCRETE (2 KSI MIN.)	1/4" ITW TAPCON w/ADVANCED THREADFORM TECHNOLOGY COATED CARBON STEEL	1-1/2"	1-3/4"	4"	3	15-1/4"	3	15-1/4"	3	15-1/4"
B	JAMBS ONLY	HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	1/4" ITW TAPCON w/ADVANCED THREADFORM TECHNOLOGY COATED CARBON STEEL	2"	1"	4"	N/A	15-1/4"	N/A	15-1/4"	N/A	15-1/4"
C	HEAD/SILL/JAMB	CONCRETE (3.05 KSI MIN.)	1/4" DEWALT ULTRACON+, COATED CARBON STEEL	1"	1-3/8"	4"	3	15-1/4"	4	15-1/4"	5	15-1/4"
D	HEAD/SILL/JAMB	CONCRETE (3.05 KSI MIN.)	1/4" DEWALT ULTRACON+, COATED CARBON STEEL	2-1/2"	1-3/8"	4"	3	15-1/4"	3	15-1/4"	3	15-1/4"
E	JAMBS ONLY	HOLLOW CMU (ASTM C-90)	1/4" DEWALT ULTRACON+, COATED CARBON STEEL	1"	1-1/4"	3"	N/A	15-1/4"	N/A	15-1/4"	N/A	15-1/4"
F	JAMBS ONLY	HOLLOW CMU (ASTM C-90)	1/4" DEWALT ULTRACON+, COATED CARBON STEEL	2-1/2"	1-1/4"	3"	N/A	15-1/4"	N/A	15-1/4"	N/A	15-1/4"
G	JAMBS ONLY	GROUT-FILLED CMU (ASTM C-90)	1/4" DEWALT ULTRACON+, COATED CARBON STEEL	1"	1-1/4"	4"	N/A	15-1/4"	N/A	15-1/4"	N/A	15-1/4"
H	HEAD/SILL/JAMB	CONCRETE (3 KSI MIN.)	1/4" HILTI KWIK-CON+, COATED CARBON STEEL	2-1/2"	1"	2"	3	15-1/4"	3	15-1/4"	3	15-1/4"
I	JAMBS ONLY	HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	1/4" HILTI KWIK-CON+, COATED CARBON STEEL	2-1/2"	1"	4"	N/A	15-1/4"	N/A	15-1/4"	N/A	15-1/4"
J	HEAD/SILL/JAMB	CONCRETE (2.22 KSI MIN.)	#1/4" DEWALT AGGRE-GATOR, 300 STAINLESS STEEL	1-1/2"	1-3/8"	3"	3	15-1/4"	3	15-1/4"	3	15-1/4"
K	JAMBS ONLY	HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	#1/4" DEWALT AGGRE-GATOR, 300 STAINLESS STEEL	2"	1-1/4"	3"	N/A	15-1/4"	N/A	15-1/4"	N/A	15-1/4"
L	HEAD/SILL/JAMB	2X MIN. SPRUCE-PINE-FIR WOOD (G>=0.42)	#12 GRADE 5 WOOD SCREW	3/4"	1-1/2"	3"	3	15-1/4"	4	15-1/4"	5	15-1/4"
M	HEAD/SILL/JAMB	2X MIN. SOUTHERN PINE WOOD (G>=0.55)	#12 GRADE 5 WOOD SCREW	3/4"	1-1/2"	3"	3	15-1/4"	4	15-1/4"	5	15-1/4"
N	HEAD/SILL/JAMB	2X MIN. SPRUCE-PINE-FIR WOOD (G>=0.42)	1/4" MASONARY FASTENERS AS LISTED IN THIS TABLE	1"	1-1/2"	3"	3	15-1/4"	4	15-1/4"	5	15-1/4"
O	HEAD/SILL/JAMB	2X MIN. SOUTHERN PINE WOOD (G>=0.55)	1/4" MASONARY FASTENERS AS LISTED IN THIS TABLE	1"	1-1/2"	3"	3	15-1/4"	4	15-1/4"	5	15-1/4"
P	HEAD/SILL/JAMB	16 GAUGE (0.060"), MIN. STEEL STUD, 33 KSI YIELD MIN.	#12-14 ITW TEKS,DEWALT DRIL-FLEX, OR HILTI KWIK-FLEX SELF-DRILLING SCREW	1/2"	FULL PLUS 3 THREADS MIN.	3"	3	15-1/4"	3	15-1/4"	3	15-1/4"
Q	HEAD/SILL/JAMB	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 36 KSI MIN.	#12-14 GRADE 5 SELF-TAPPING/DRILLING SCREW	1/2"	FULL PLUS 3 THREADS MIN.	3"	3	15-1/4"	3	15-1/4"	3	15-1/4"

NOTES: -ALL SCREWS SHALL BE PAN OR HEX WASHER HEAD.
-PRE-DRILLING FOR ANCHORS INTO WOOD IS RECOMMENDED.
-SEE SHEET 2I FOR P-HOOK DETAILS
-CONCRETE/MASONRY SHALL NOT BE CRACKED.



1 COCHRANE AVENUE
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TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT NOTES & ANCHOR LAYOUTS	DATE	BY	REVISION DESCRIPTION	NO.	A	LMH	8.22.22				
	05/16/22	DWN BY: LMH				CHK BY:					
SCALE: NTS											



11/18/2022
LUCAS A. TURNER, P.E.
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2428 OLD NATCHEZ TRACE TRAIL, CAMDEN, TN 38320
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DWG #: IN0602

SHEET: 2 OF 22

2 TRACK CONFIGURATIONS				
CONFIGURATION	# OF TRACKS	# OF PANELS	PANEL CONFIGURATION (EXTERNAL POCKET)	PANEL CONFIGURATION (INTERNAL POCKET)
XP	2	1	XLE	XLI
PX	2	1	XRE	XRI
XXP	2	2	XLE:XMR	XLI:XML
PXX	2	2	XML:XRE	XMR:XRI
XXL	2	2	XLI:XRE	
XXR	2	2	XLE:XRI	
XO	2	2	XLI:ORE	
OX	2	2	OLE:XRI	
PX-XPL	2	2	PXXP:XLE	
PX-XPR	2	2	XRE:PXXP	
OX-O	2	3	OLE:XRI:OLI	
O-XO	2	3	ORI:XLI:ORE	
PXX-XXPL	2	4	XML:XRE:PXLA:XMR	XMR:XRI:XLA:XML
PXX-XXPR	2	4	XML:PXRA:XLE:XMR	XMR:XRA:XLI:XML
OX-XOL	2	4	OLE:XRI:XLA:ORE	
OX-XOR	2	4	OLE:XRA:XLI:ORE	

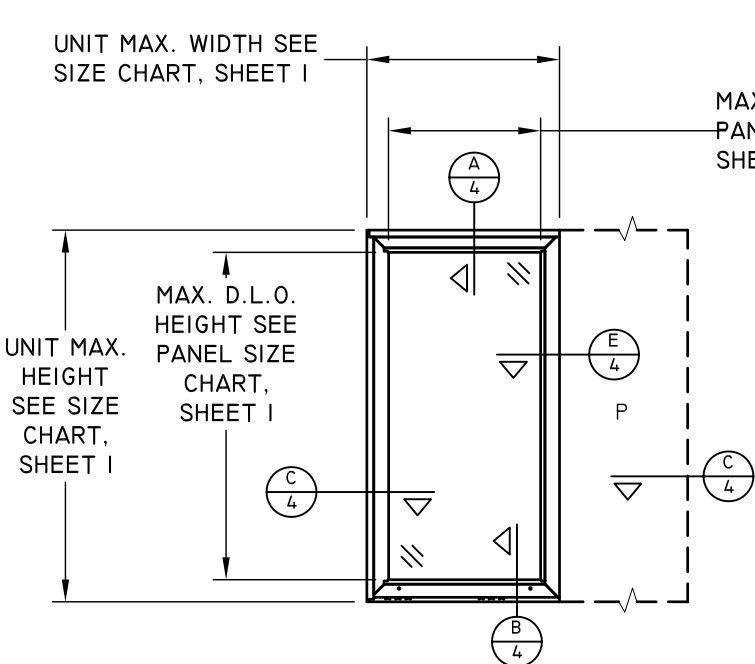
3 TRACK CONFIGURATIONS				
CONFIGURATION	# OF TRACKS	# OF PANELS	PANEL CONFIGURATION (EXTERNAL POCKET)	PANEL CONFIGURATION (INTERNAL POCKET)
XXXP	3	3	XLE:XMR:XMR	XLI:XML:XML
PXXX	3	3	XML:XML:XRE	XMR:XMR:XRI
XXXL	3	3	XLI:XML:XRE	
XXXR	3	3	XLE:XMR:XRI	
XXO	3	3	XLI:XML:ORE	
OXX	3	3	OLE:XMR:XRI	
PXXX-XXXPL	3	6	XML:XML:XRE:PXLA:XMR:XMR	XMR:XMR:XRI:XLA:XML:XML
PXXX-XXXPR	3	6	XML:XML:PXRA:XLE:XMR:XMR	XMR:XMR:XRA:XLI:XML:XML
OXX-XXOL	3	6	OLE:XMR:XRI:XLA:XML:ORE	
OXX-XXOR	3	6	OLE:XMR:XRA:XLI:XML:ORE	

CONFIGURATION NOTES:

- ALL CONFIGURATIONS ARE AVAILABLE WITH POCKET AT EITHER OR BOTH JAMB LOCATIONS.

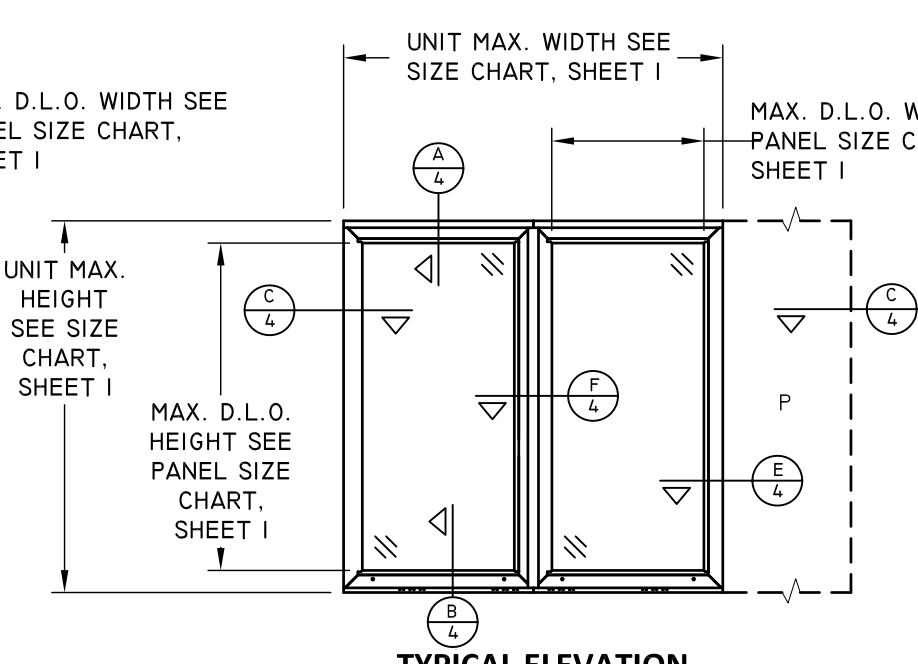
4 TRACK CONFIGURATIONS				
CONFIGURATION	# OF TRACKS	# OF PANELS	PANEL CONFIGURATION (EXTERNAL POCKET)	PANEL CONFIGURATION (INTERNAL POCKET)
XXXXP	4	4	XLE:XMR:XMR:XMR	XLI:XML:XML:XML
PXXXX	4	4	XML:XML:XML:XRE	XMR:XMR:XMR:XRI
XXXXL	4	4	XLI:XML:XML:XRE	
XXXXR	4	4	XLE:XMR:XMR:XRI	
XXXO	4	4	SLI:XML:XML:ORE	
OXXX	4	4	OLE:XMR:XMR:XRI	

CONFIGURATION NOTES	
CODE	PANEL TYPE
O	FIXED PANEL
X	OPERATING PANEL
P	POCKET
-	BI-PARTING
L	LEFT HAND w/KEYED LOCK
R	RIGHT HAND w/KEYED LOCK



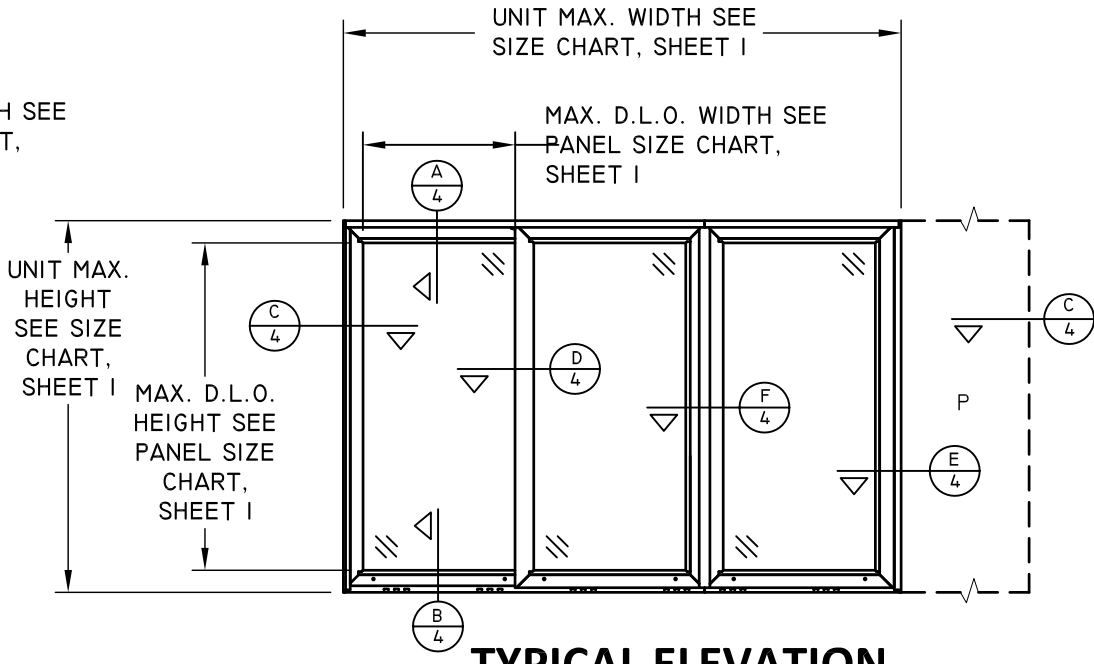
TYPICAL ELEVATION

XP or PX



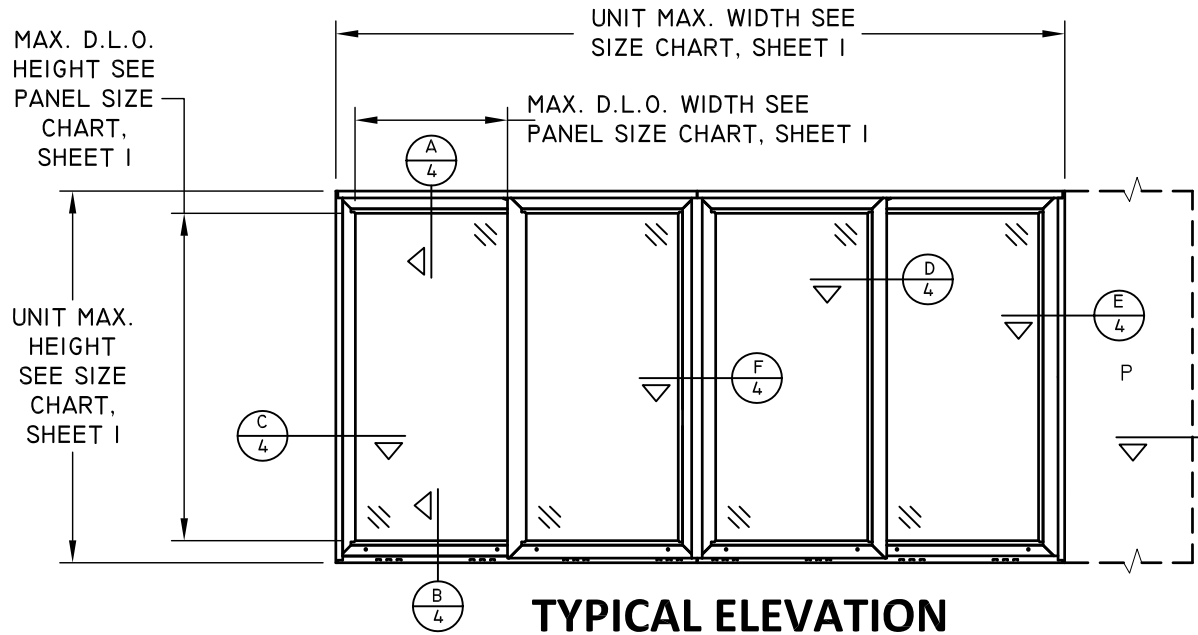
TYPICAL ELEVATION

XO, OX, XXR, XXL, PXX, XXP, PX-XPL or PX-XPR



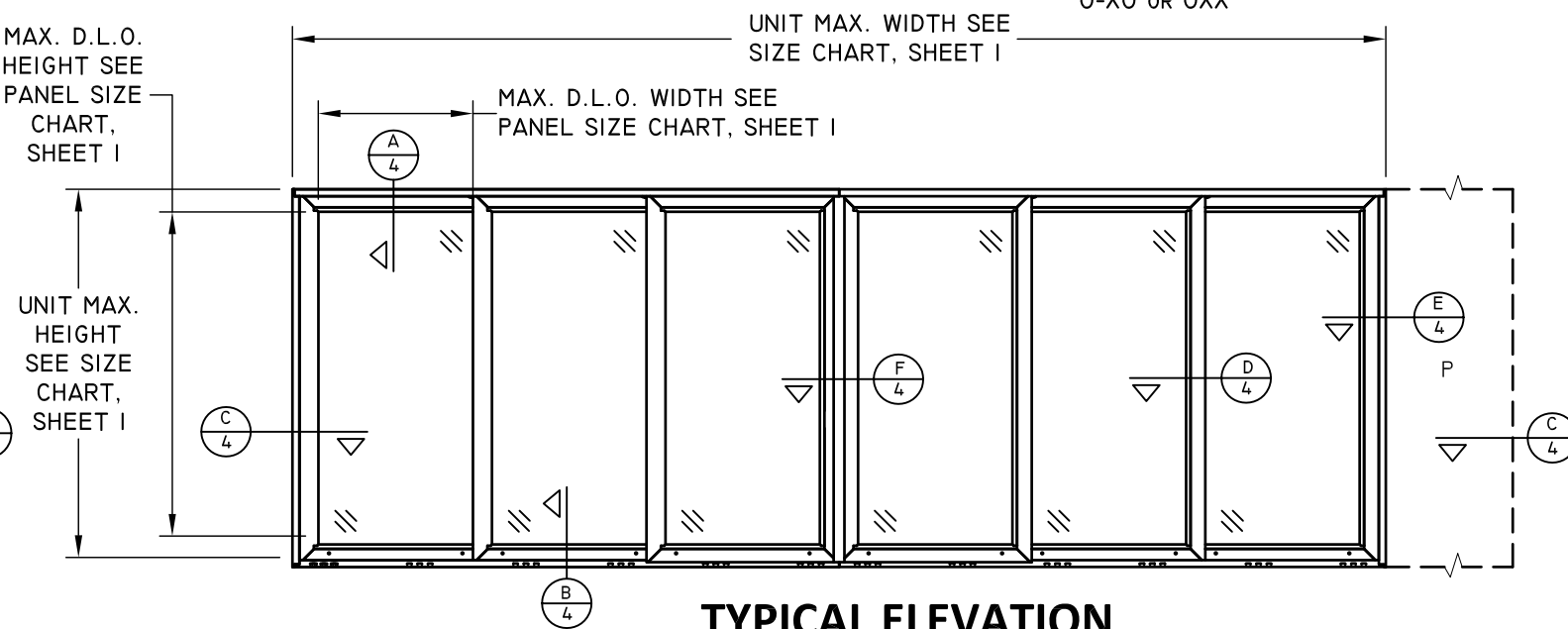
TYPICAL ELEVATION

XXXP, PXXX, XXXR, XXXL, XXO, OX-O, O-XO or OXX



TYPICAL ELEVATION

PXXXX, XXXXP, XXXXL, XXXXR, XXXO, OXXX, PXX-XXPL, PXX-XXPR, OX-XOL or OX-XOR



TYPICAL ELEVATION

OXX-XXOR, OXX-XXO, PXXX-XXXPR or PXXX-XXXPL



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TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT CONFIGURATIONS & ELEVATIONS		DATE	BY	8.22.22		
		NO.	REVISION DESCRIPTION	LMH		
05/16/22	DWN BY: LMH	A	UPDATE PANEL SIZE CHART			
	CHK BY:					
	SCALE:					NTS



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DWG #: IN0602

SHEET: 3 OF 22

DP50 (IMPACT)

Unit Width

Panel Width

INTERIOR

EXTERIOR

Daylight
Opening

DETAIL C4
JAMBS

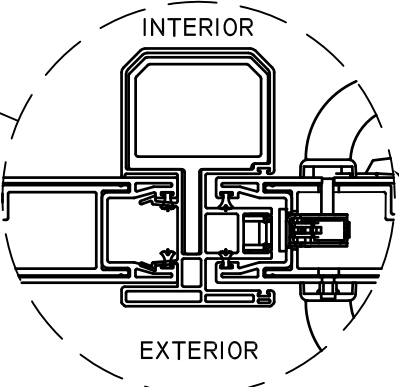
DETAIL F4
ASTRAGAL

DETAIL D4
INTERLOCK

DETAIL C4
JAMBS

HORIZONTAL SECTION
OXO SHOWN

SEE GLAZING
DETAILS, SHEET 22



ASTRAGAL IS
AVAILABLE FOR
INTERIOR OR
EXTERIOR
INSTALLATION.

Unit Width

INTERIOR

EXTERIOR

DETAIL E4
P-HOOK

DETAIL D4
INTERLOCK

DETAIL D4
INTERLOCK

DETAIL C4
JAMBS

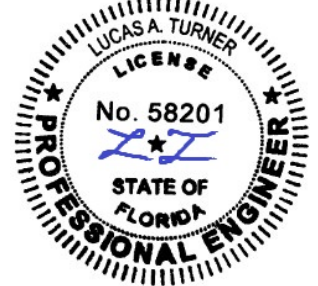
HORIZONTAL SECTION
PXXX SHOWN

SEE GLAZING
DETAILS, SHEET 22



1 COCHRANE AVENUE
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PH: 800-542-9118

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT HORIZONTAL SECTION DETAILS	DATE	BY	REVISION DESCRIPTION		
	05/16/22	LMH	LMH	8.22.22	
	DWN BY:	LMH	UPDATE PANEL SIZE CHART		
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SCALE:	NTS				



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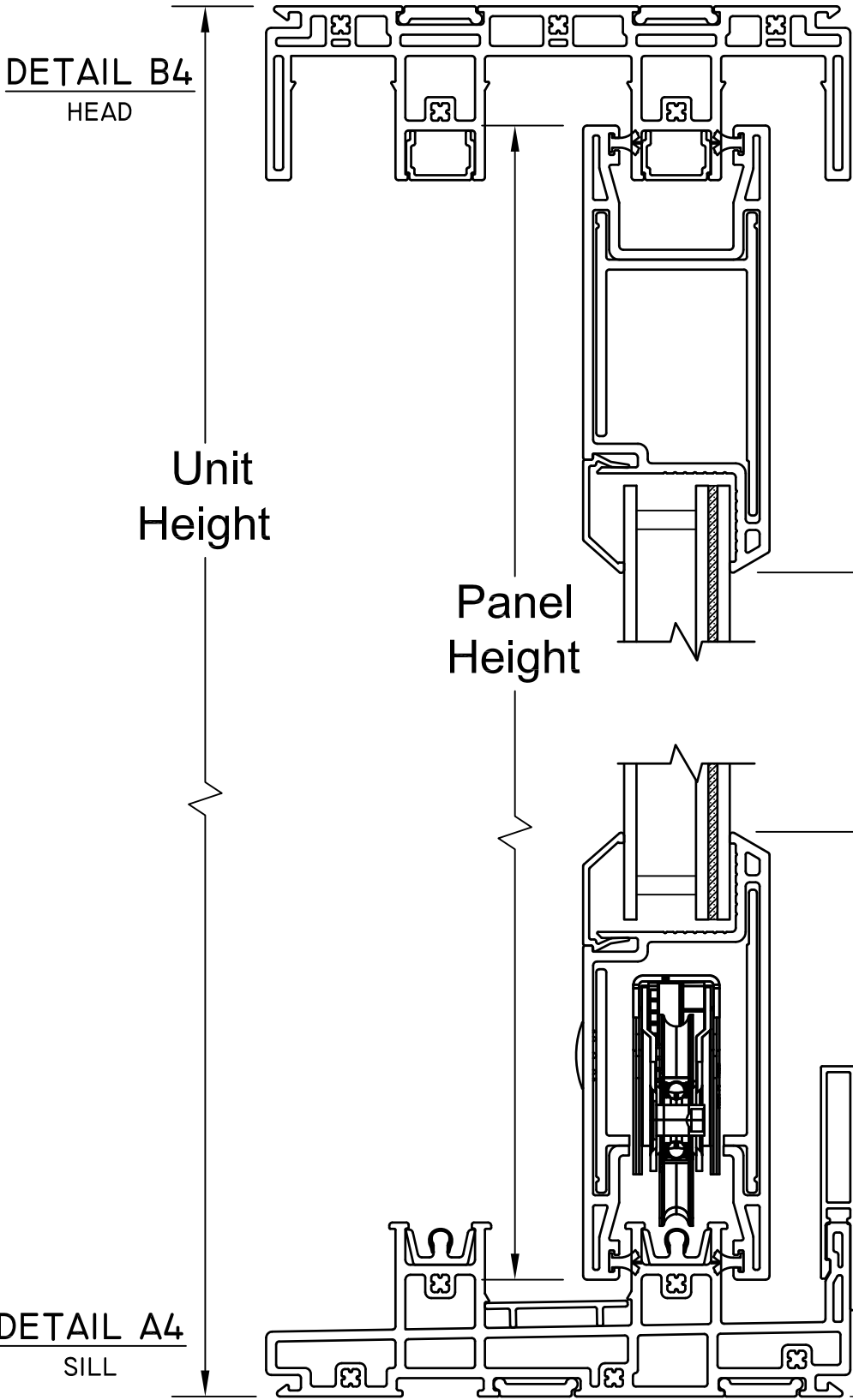
DWG #: IN0602

SHEET: 4 OF 22

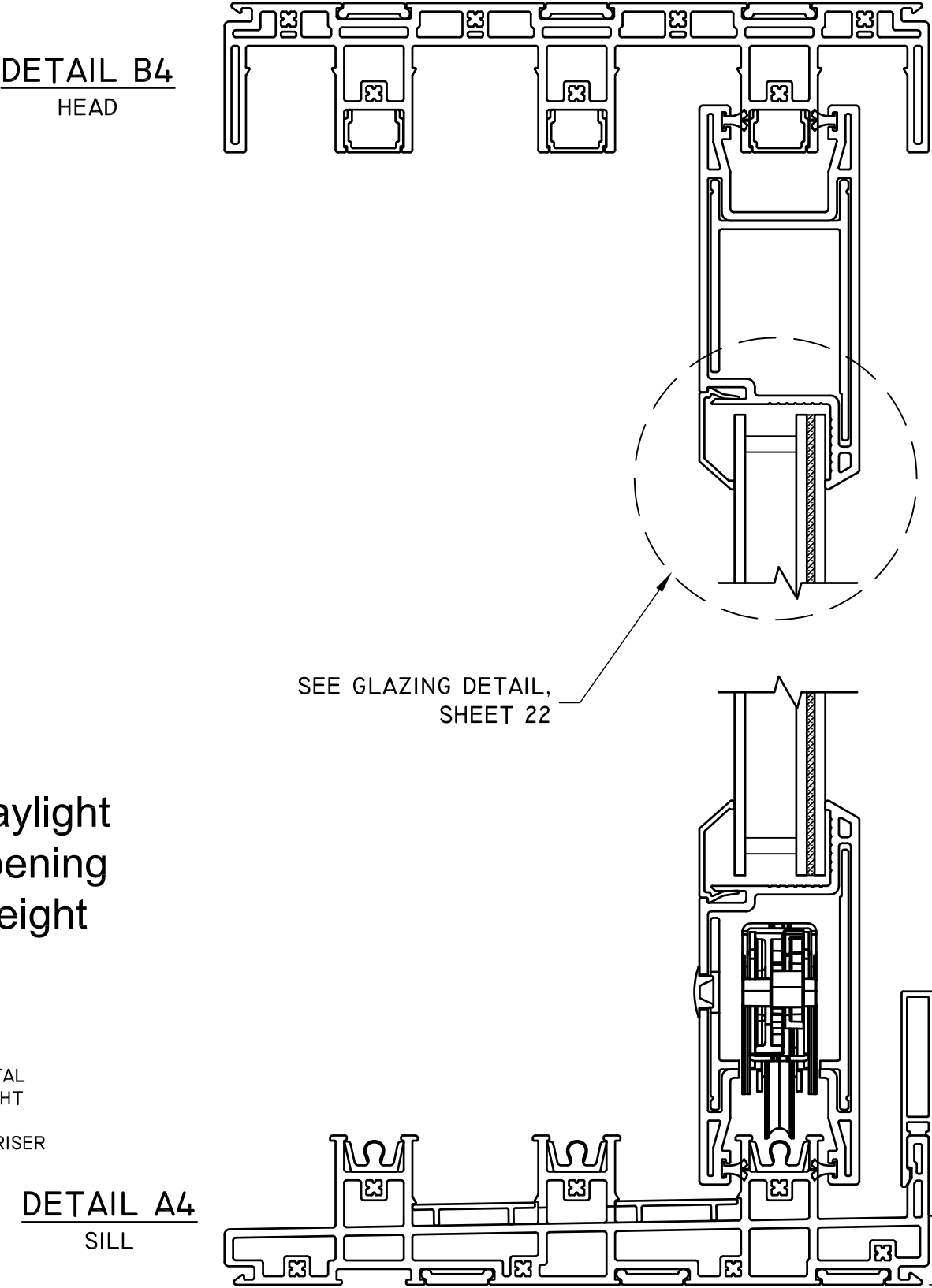
DP50 (IMPACT)



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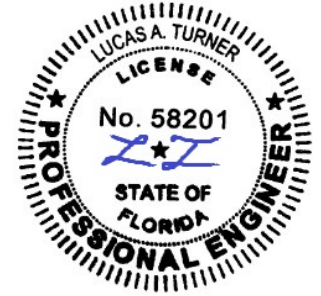


VERTICAL SECTION
2 TRACK SHOWN



VERTICAL SECTION
3 TRACK SHOWN

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT VERTICAL SECTION DETAILS	DATE	05/16/22	DWN BY:	LMH	CHK BY:		SCALE:	NTS
	NO.	A	REVISION DESCRIPTION	UPDATE PANEL SIZE CHART				
	BY	LMH						
	DATE	8.22.22						

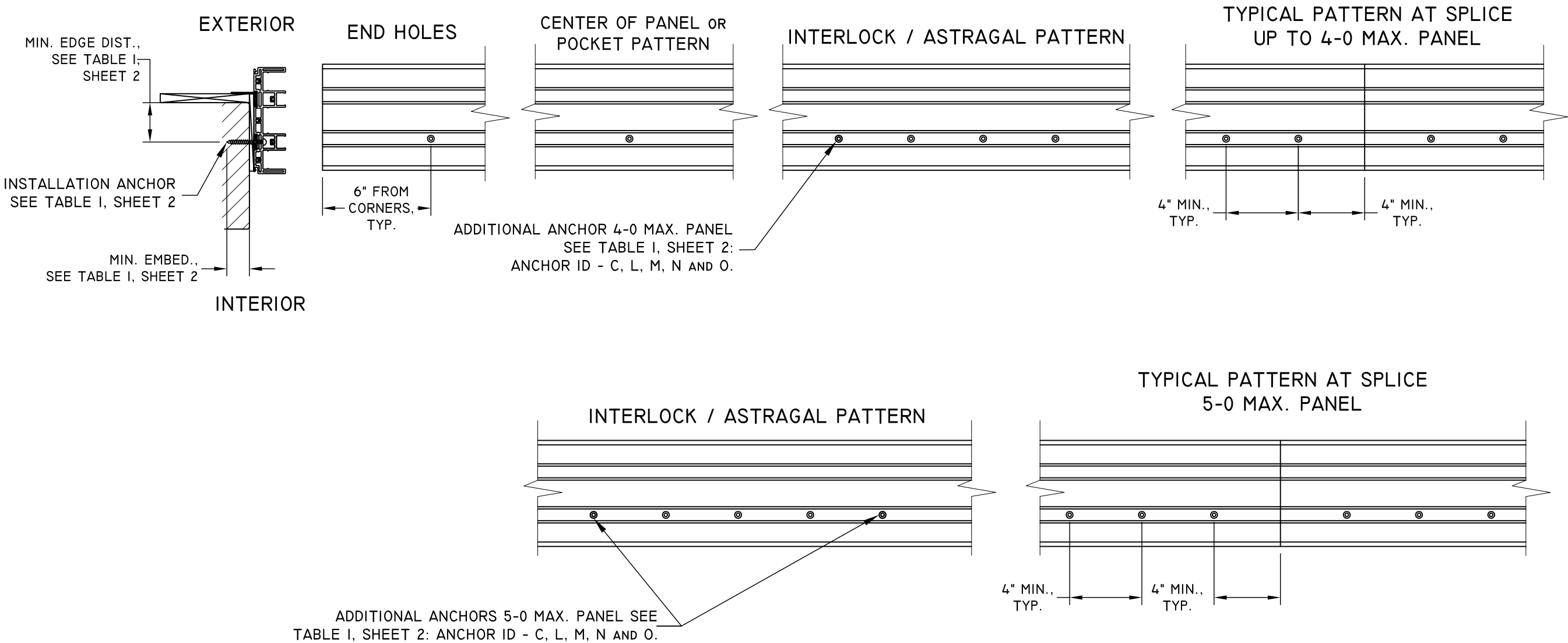


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DWG #: IN0602
SHEET: 5 OF 22

2 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - HEAD

HEAD - DP50 (IMPACT)



NOTES:

1. INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
2. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
3. 1X WOOD BUCK BY OTHERS IS OPTIONAL FOR MASONRY APPLICATIONS.
4. 1/4" MAX. SHIM STACK.
5. SPLICE DETAIL, SEE SHEET 2I.



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	BY	LMH			
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	NO.	A			
DATE:	DWN BY:	CHK BY:	SCALE:		
05/16/22	LMH		NTS		



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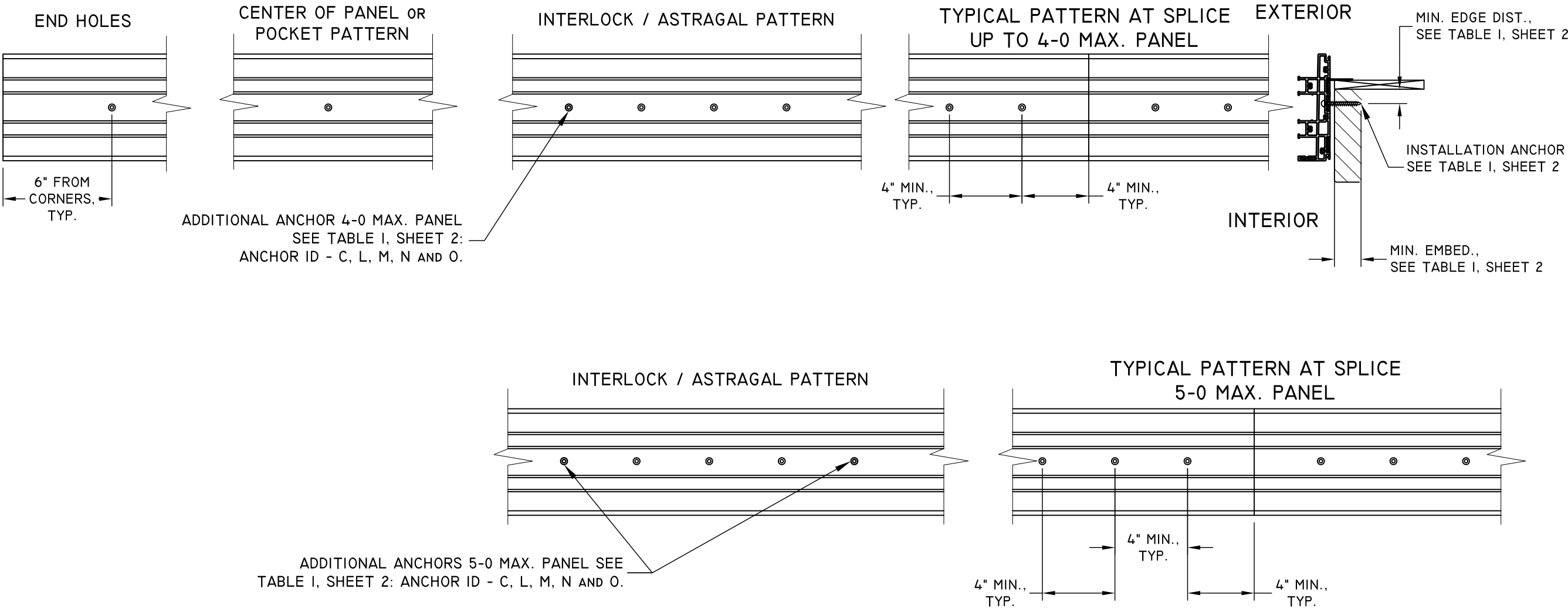
FL#: 41795

DWG #: IN0602

SHEET: 6 OF 22

2 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - SILL

SILL - DP50 (IMPACT)

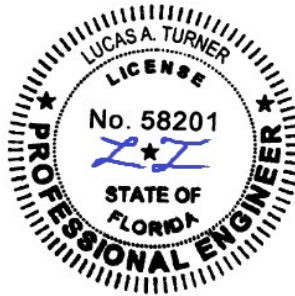


- NOTES:
- 1. INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
 - 2. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
 - 3. 1X WOOD BUCK BY OTHERS IS OPTIONAL FOR MASONRY APPLICATIONS.
 - 4. SILL NAIL FIN IS OPTIONAL.
 - 5. 1/4" MAX. SHIM STACK.
 - 6. SPLICE DETAIL, SEE SHEET 21.



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05/16/22	LMH		NTS		



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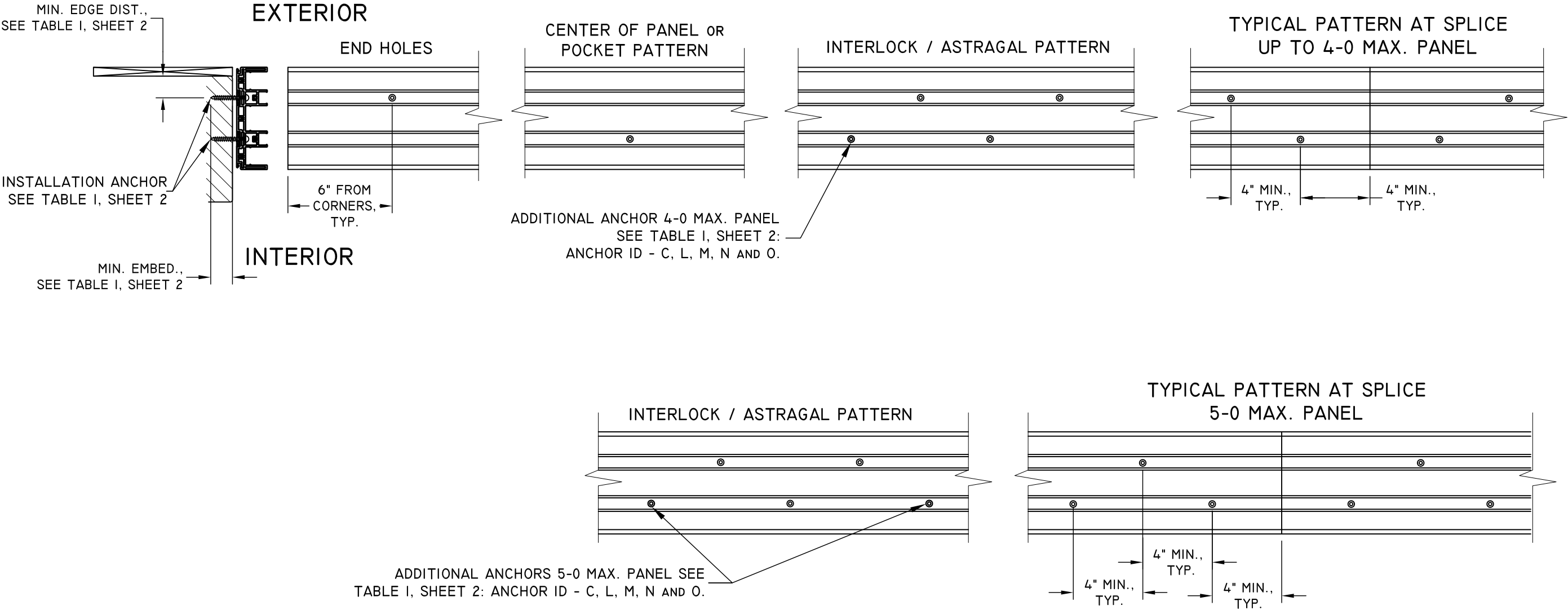
FL#: 41795

DWG #: IN0602

SHEET: 7 OF 22

2 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - HEAD

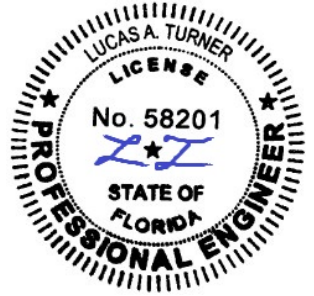
HEAD - DP50 (IMPACT)



- NOTES:
- 1. INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
 - 2. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
 - 3. 1X WOOD BUCK BY OTHERS IS OPTIONAL FOR MASONRY APPLICATIONS.
 - 4. 1/4" MAX. SHIM STACK.
 - 5. SPLICE DETAIL, SEE SHEET 21.

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT ANCHOR LAYOUT	DATE	BY			
	8.22.22	LMH			
	REVISION DESCRIPTION				
NO.	A	UPDATE PANEL SIZE CHART			

DATE: 05/16/22	DWN BY: LMH	CHK BY:	SCALE: NTS
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(COA # 29779)
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TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

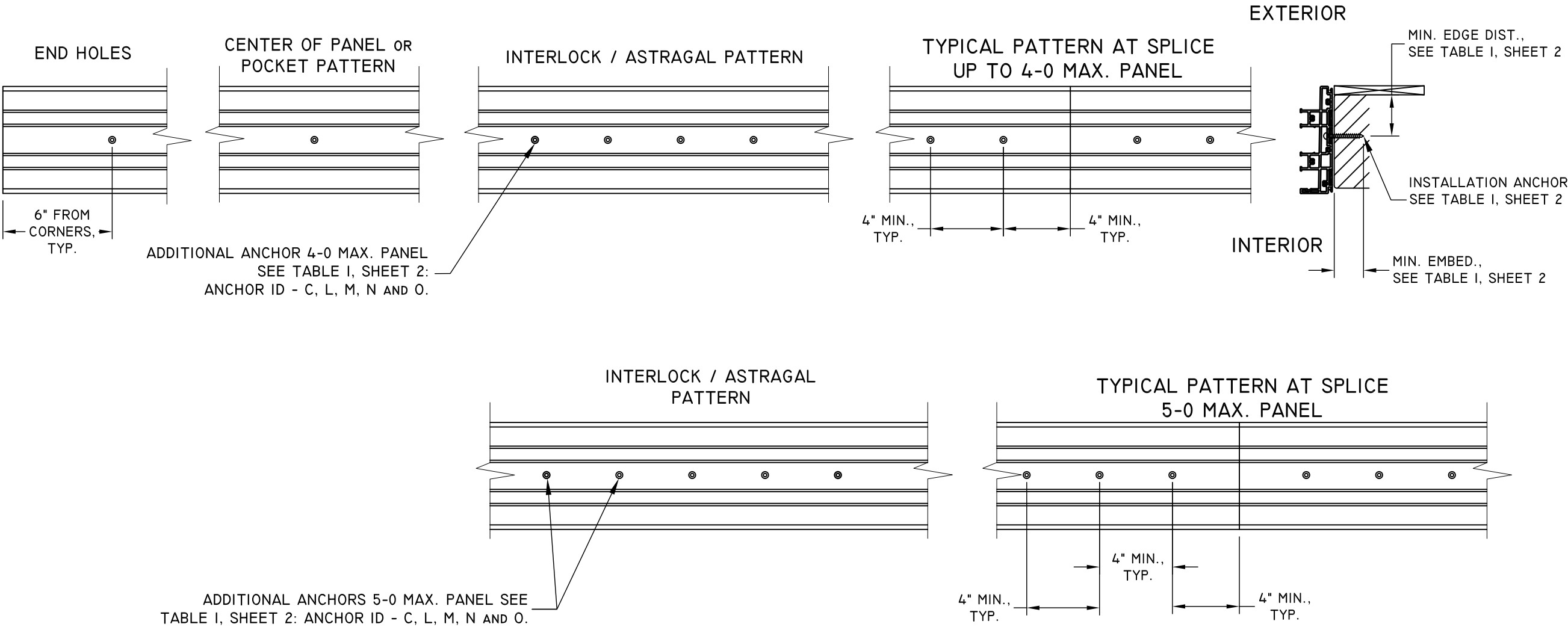
FL#: 41795

DWG #: IN0602

SHEET: 8 OF 22

2 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - SILL

SILL - DP50 (IMPACT)



NOTES:

1. INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
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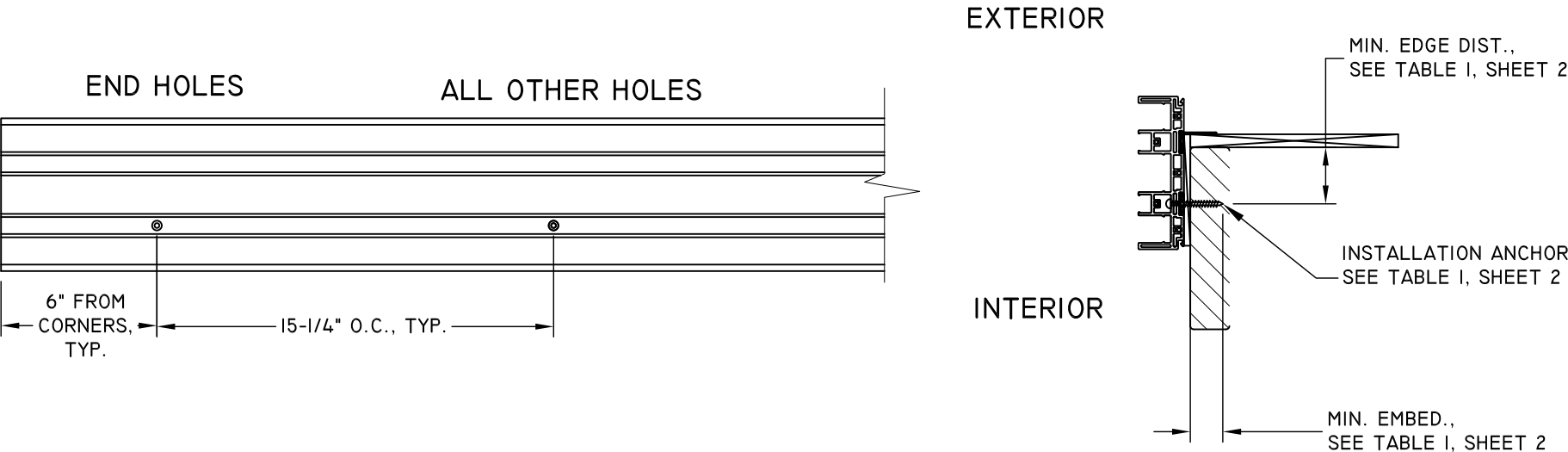
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DWG #: IN0602

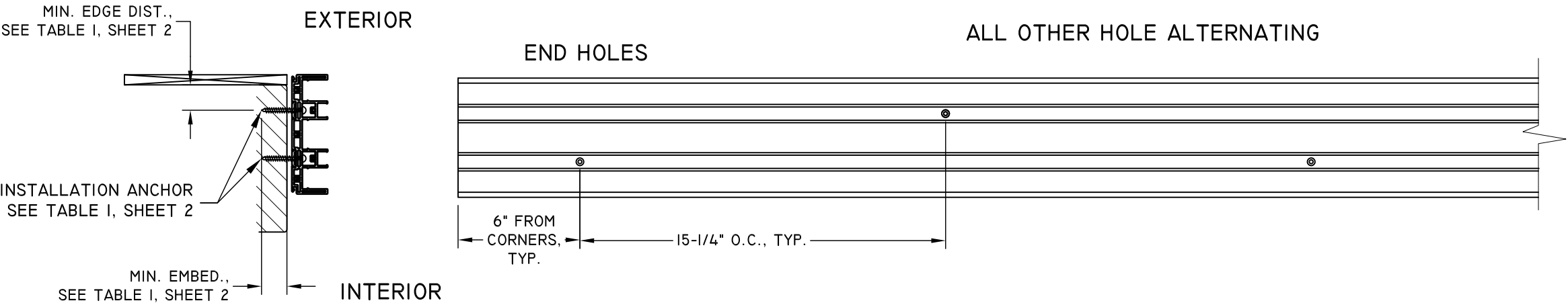
SHEET: 9 OF 22

JAMBS - DP50 (IMPACT)

2 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - JAMBS



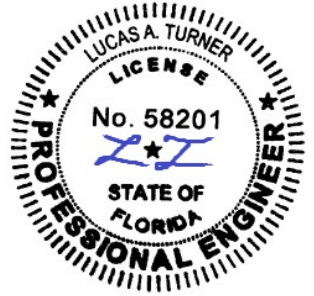
2 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - JAMBS



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		CHK BY:							
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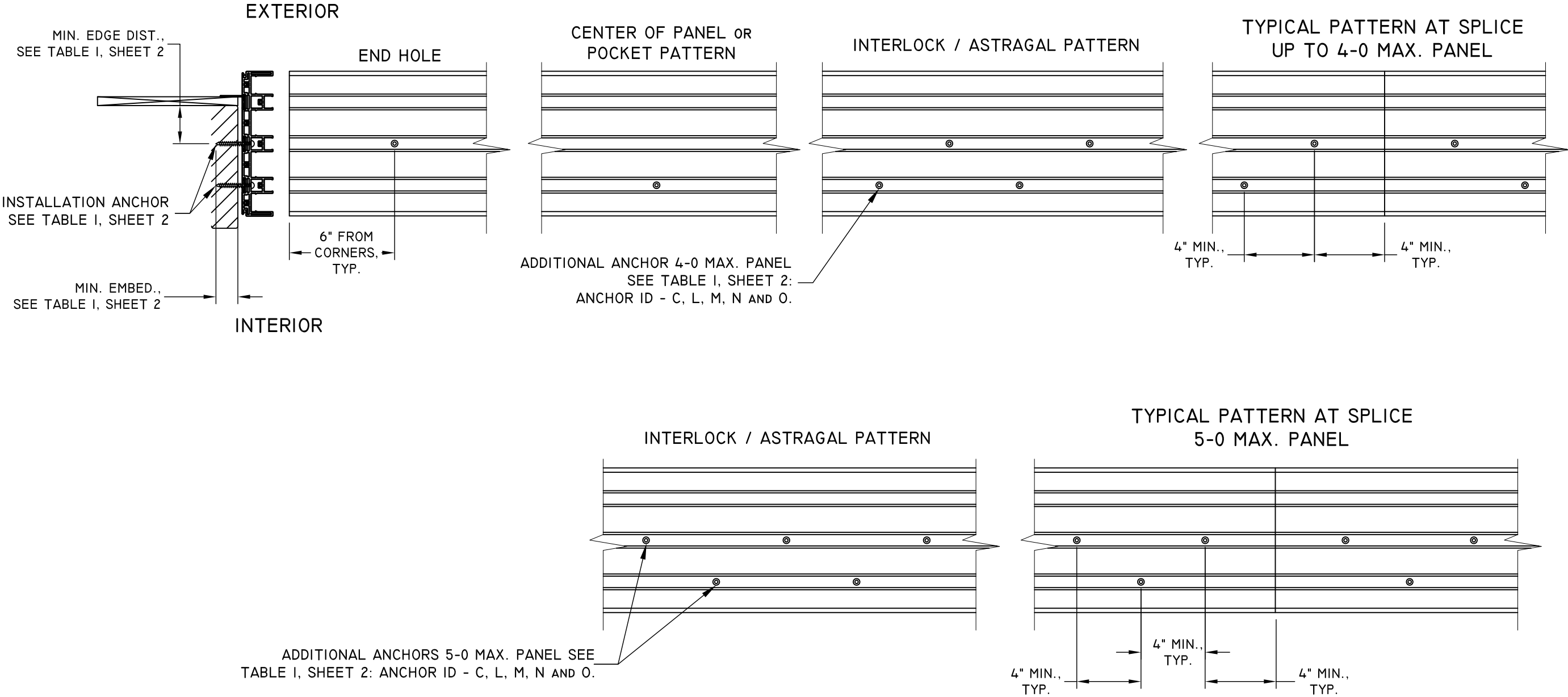
FL#: 41795

DWG #: IN0602

SHEET: 10 OF 22

3 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - HEAD

HEAD - DP50 (IMPACT)



- NOTES:
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 - 5. SPLICE DETAILS, SEE SHEET 21.



SIMONTON
WINDOWS & DOORS

1 COCHRANE AVENUE
PENNSBORO, WV 26415
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TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION		
	05/16/22	LMH	A UPDATE PANEL SIZE CHART		
	DWN BY:	CHK BY:	SCALE: NTS		
	LMH				



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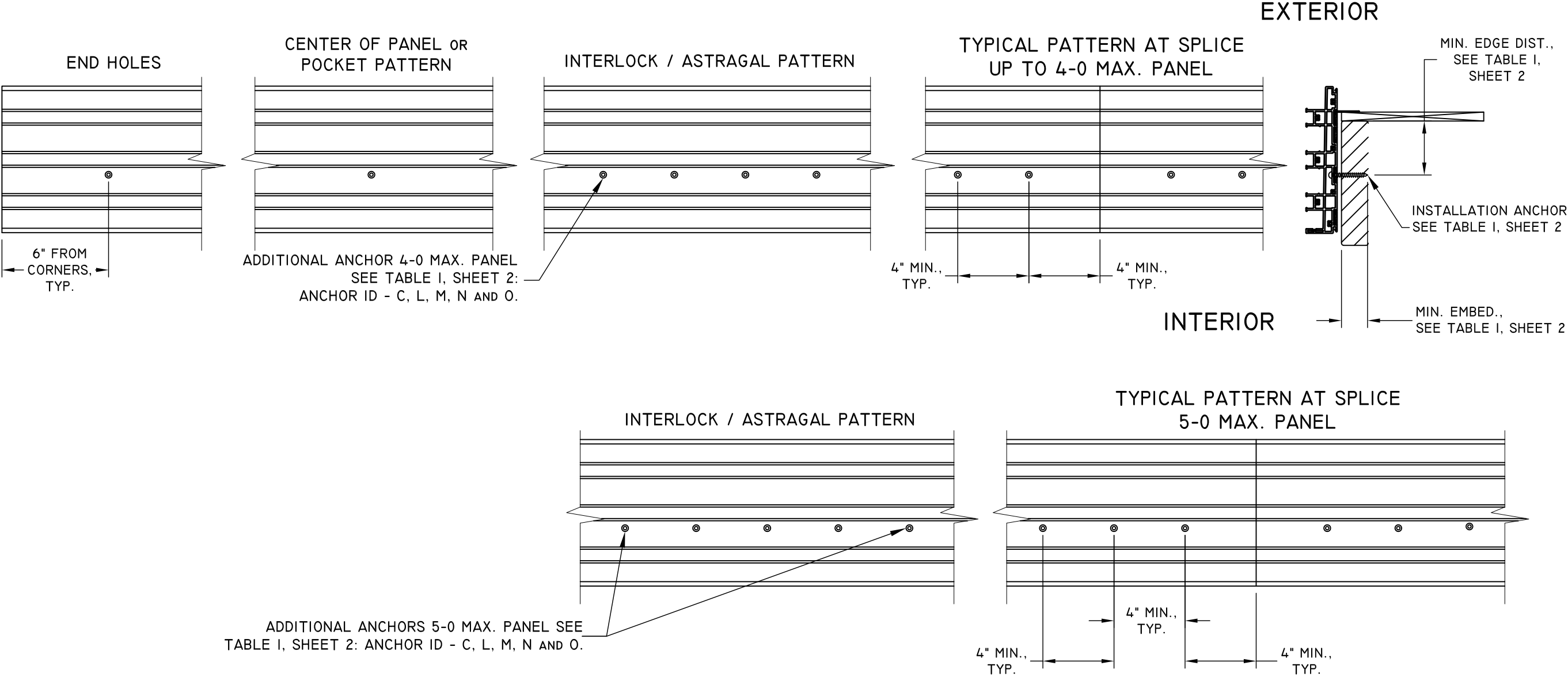
FL#: 41795

DWG #: IN0602

SHEET: 11 OF 22

3 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - SILL

SILL - DP50 (IMPACT)

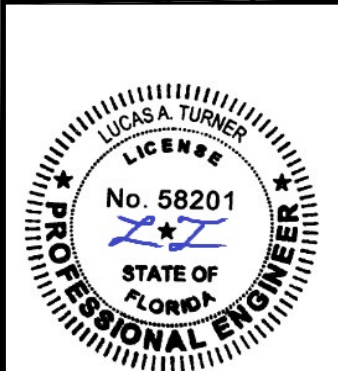


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PH: 800-542-9118

DATE: 05/16/22		TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT ANCHOR LAYOUT				
DWN BY: LMH		NO.		REVISION DESCRIPTION	BY	DATE
CHK BY:		A		UPDATE PANEL SIZE CHART	LMH	8.22.22
SCALE: NTS						



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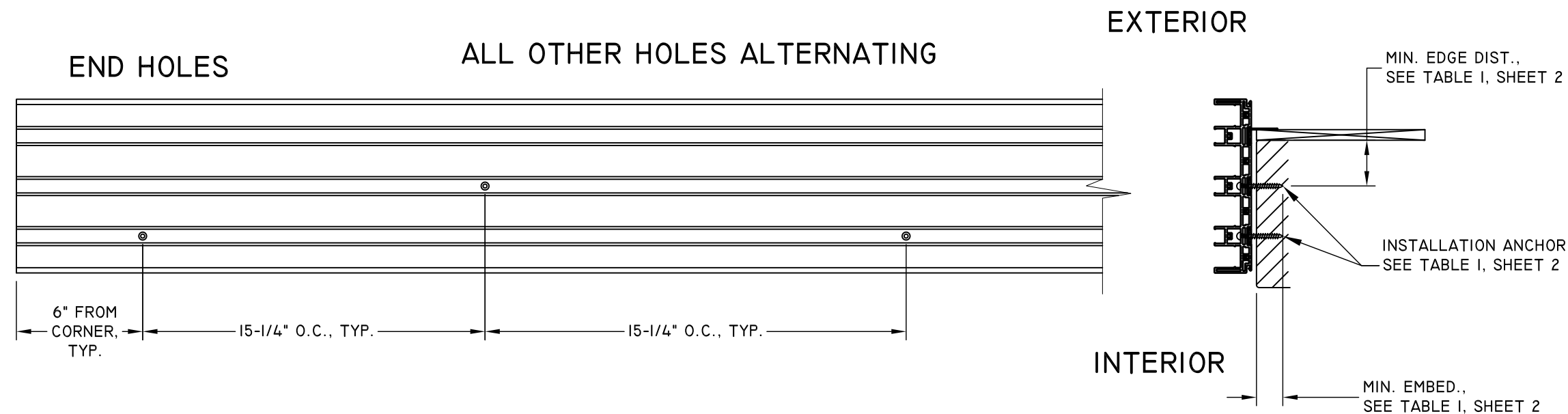
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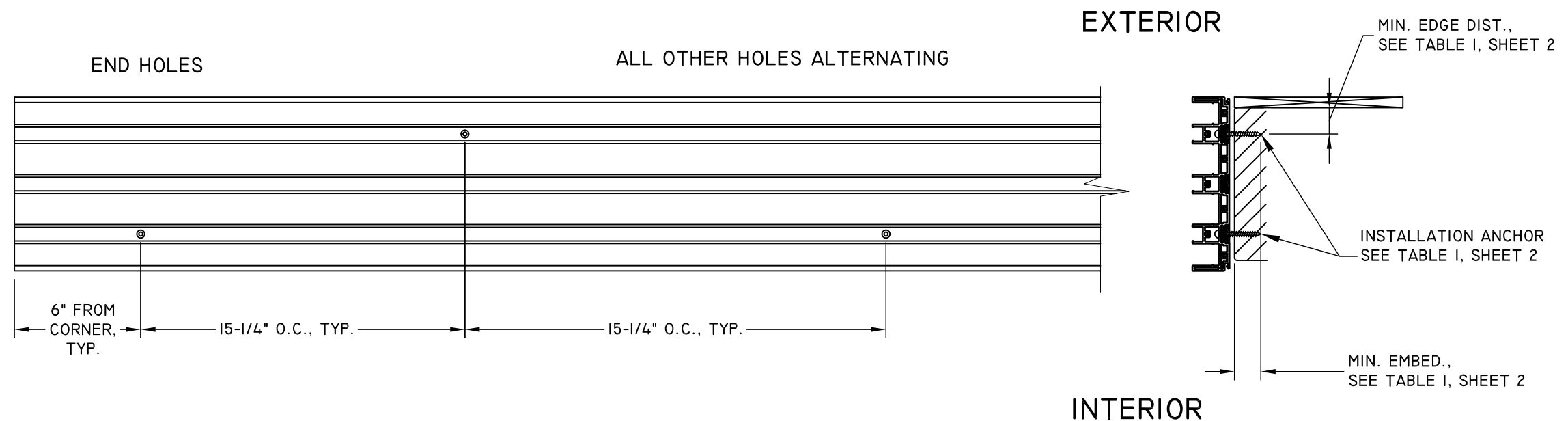
SHEET: 12 OF 22

JAMBS - DP50 (IMPACT)

3 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - JAMBS



3 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - JAMBS



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TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION	NO.
	05/16/22	LMH	UPDATE PANEL SIZE CHART	A
DWN BY:	LMH	CHK BY:		SCALE: NTS



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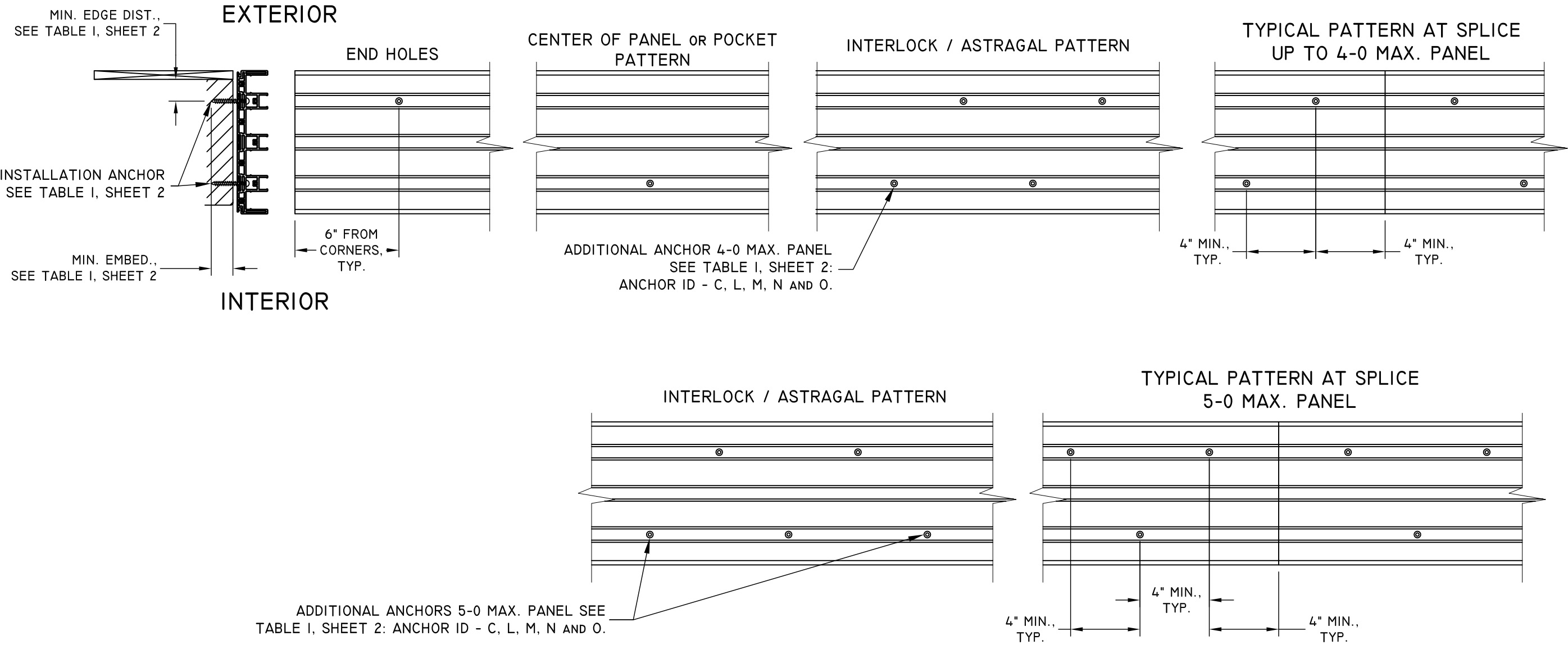
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DWG #: IN0602

SHEET: 13 OF 22

3 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - HEAD

HEAD - DP50 (IMPACT)

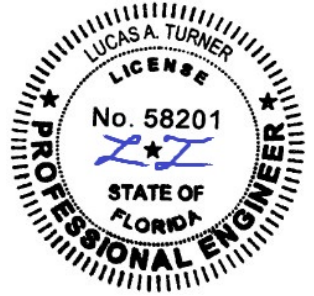


NOTES:

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2. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
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TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT ANCHOR LAYOUT	DATE	8.22.22			
	BY	LMH			
	REVISION DESCRIPTION	UPDATE PANEL SIZE CHART			
	NO.	A			

DATE: 05/16/22	DWN BY: LMH	CHK BY:	SCALE: NTS
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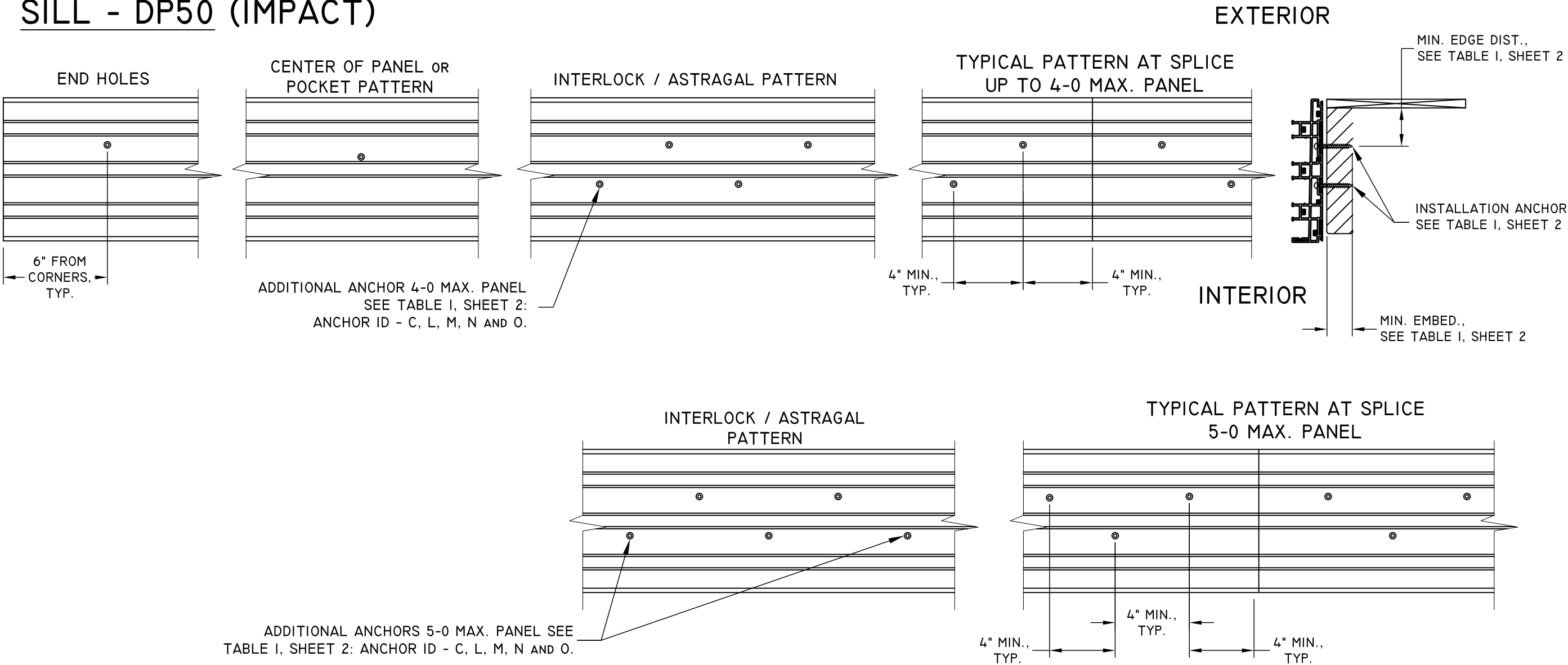
FL#: 41795

DWG #: IN0602

SHEET: 14 OF 22

3 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - SILL

SILL - DP50 (IMPACT)



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DATE: 05/16/22	DWN BY: LMH	CHK BY:		SCALE: NTS	



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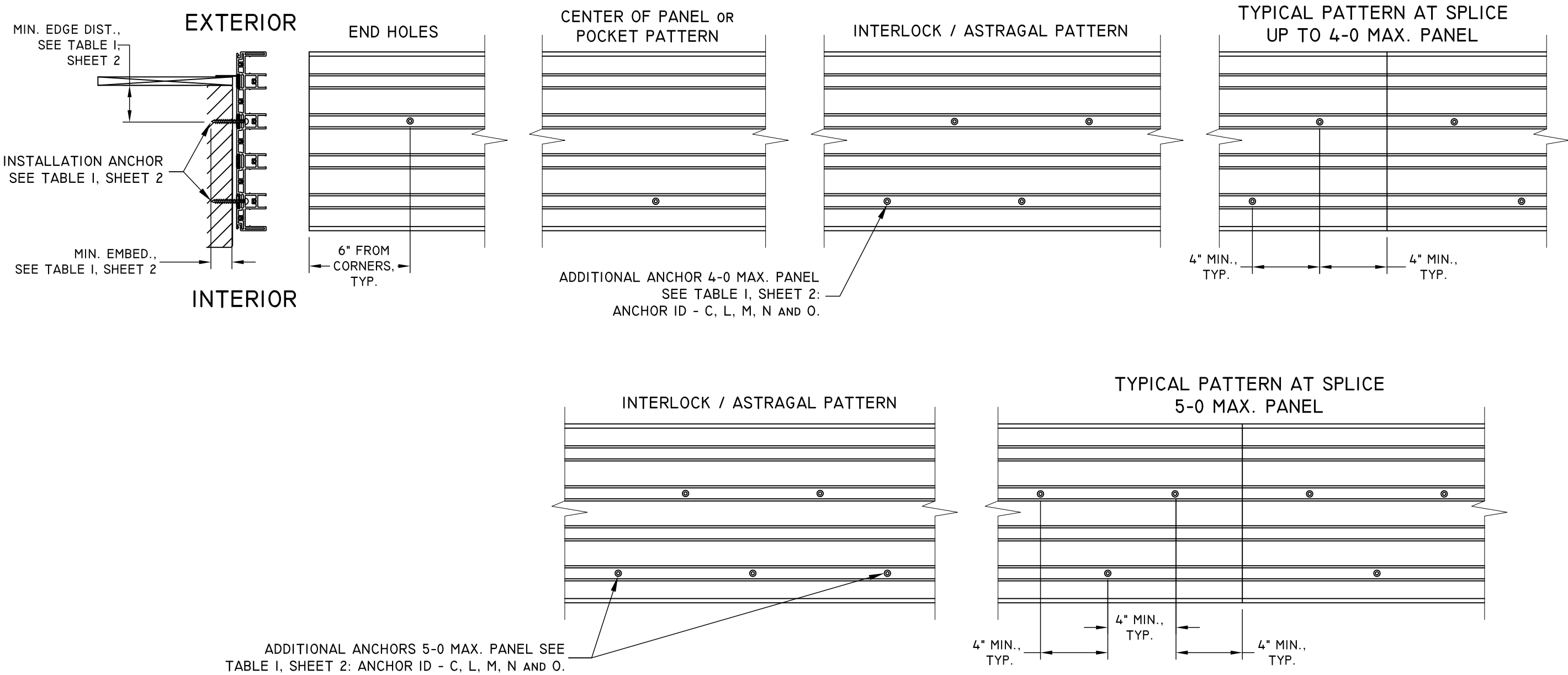
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DWG #: IN0602

SHEET: 15 OF 22

4 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - HEAD

HEAD - DP50 (IMPACT)

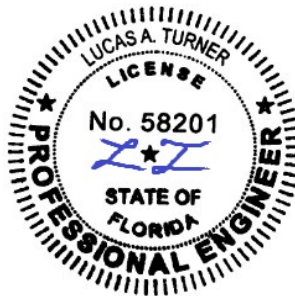


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 2. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
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TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT ANCHOR LAYOUT	DATE	8.22.22			
	BY	LMH			
	REVISION DESCRIPTION	UPDATE PANEL SIZE CHART			
	NO.	A			
DATE:	DWN BY:	CHK BY:	SCALE:		
05/16/22	LMH		NTS		



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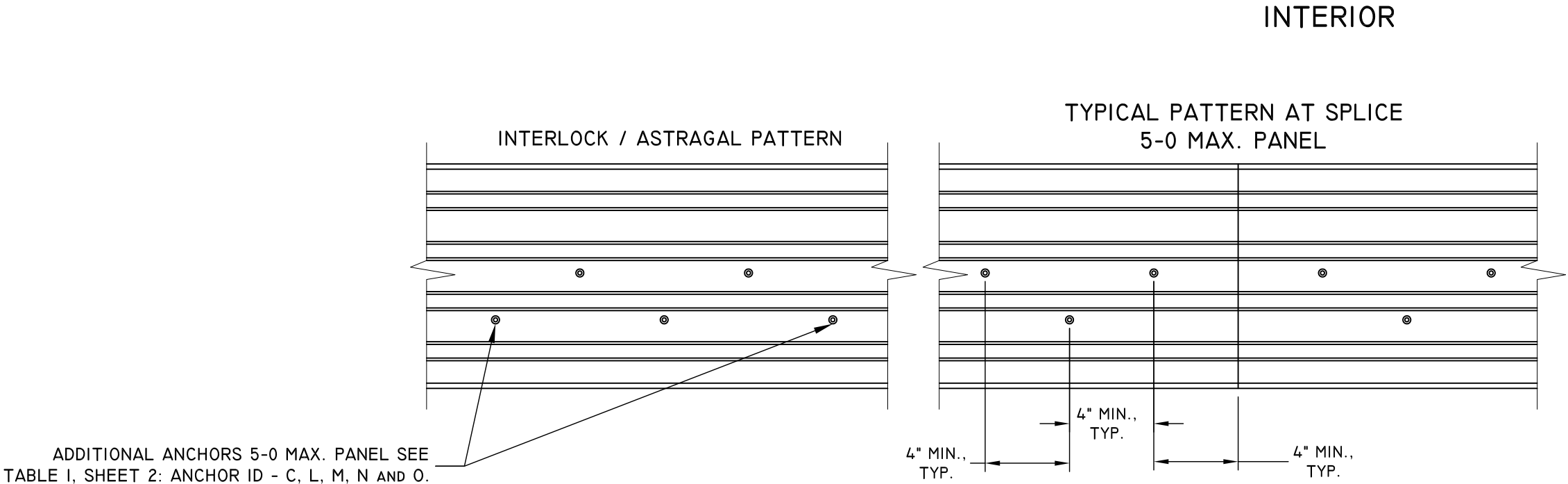
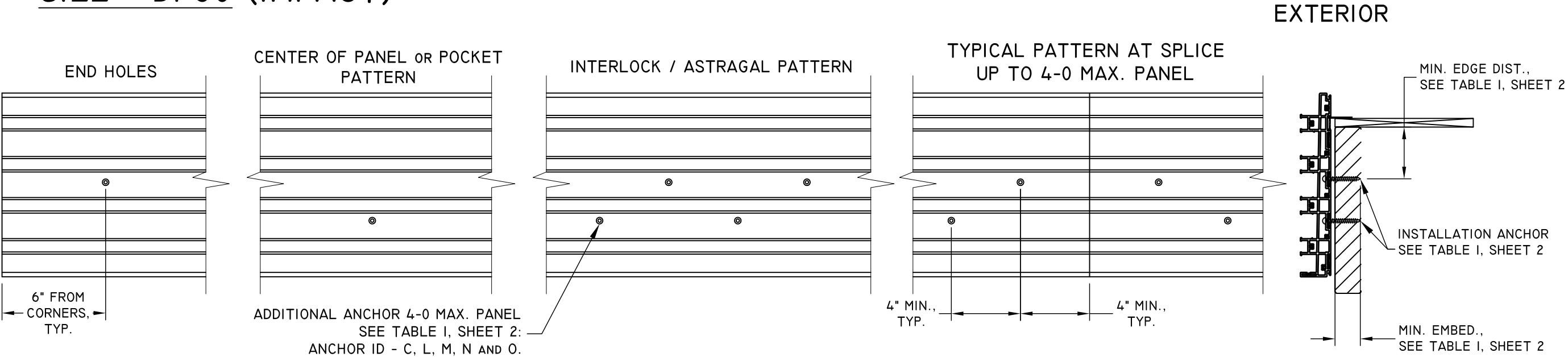
FL#: 41795

DWG #: IN0602

SHEET: 16 OF 22

4 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - SILL

SILL - DP50 (IMPACT)



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TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION		
	05/16/22	LMH	A UPDATE PANEL SIZE CHART		
	DWN BY:	LMH	CHK BY:		
	SCALE:	NTS			



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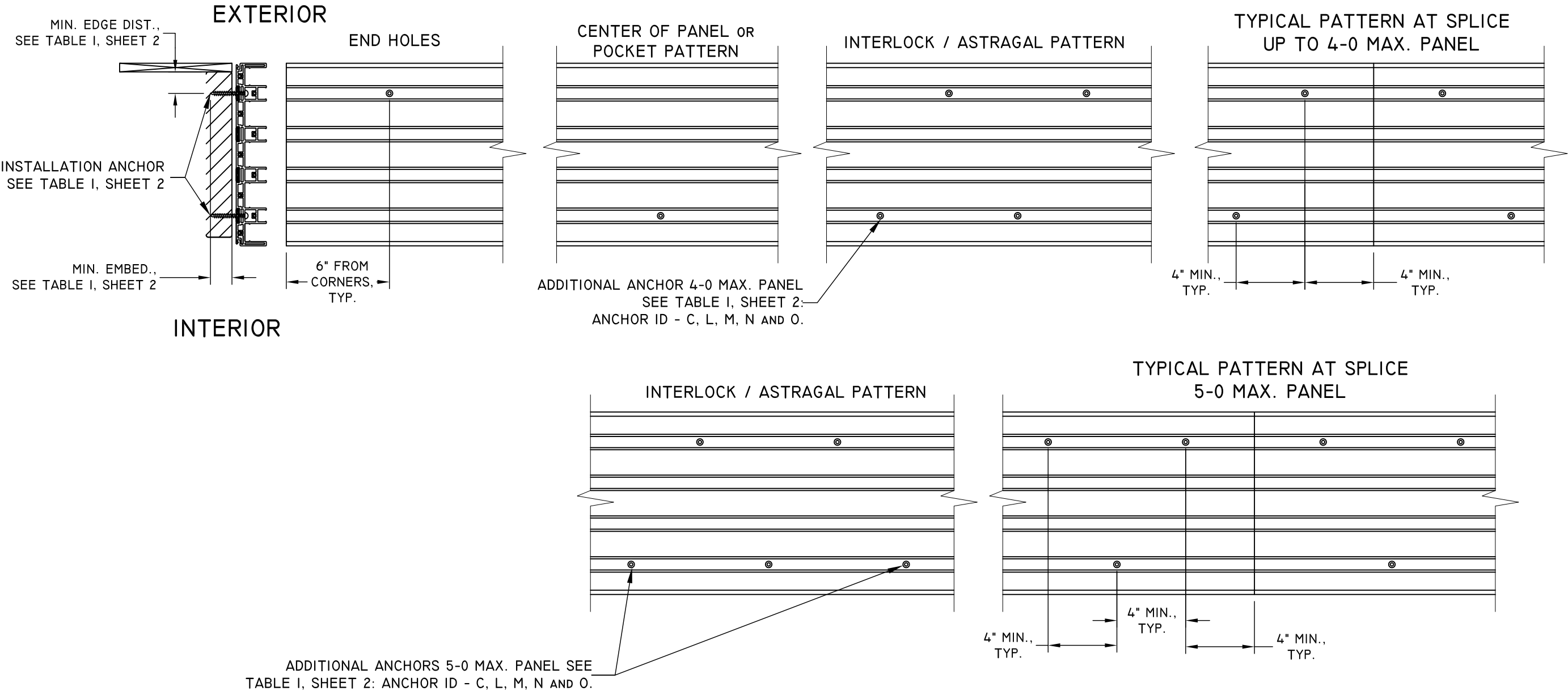
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SHEET: 17 OF 22

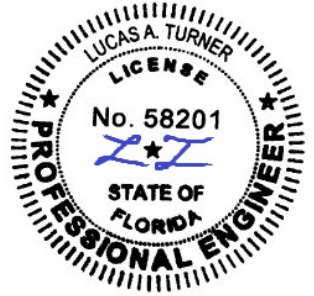
4 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - HEAD

HEAD - DP50 (IMPACT)



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TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION		
	05/16/22	LMH	A UPDATE PANEL SIZE CHART		
	05/16/22	LMH	A		
DATE:	DWN BY:	CHK BY:	SCALE:		
05/16/22	LMH		NTS		



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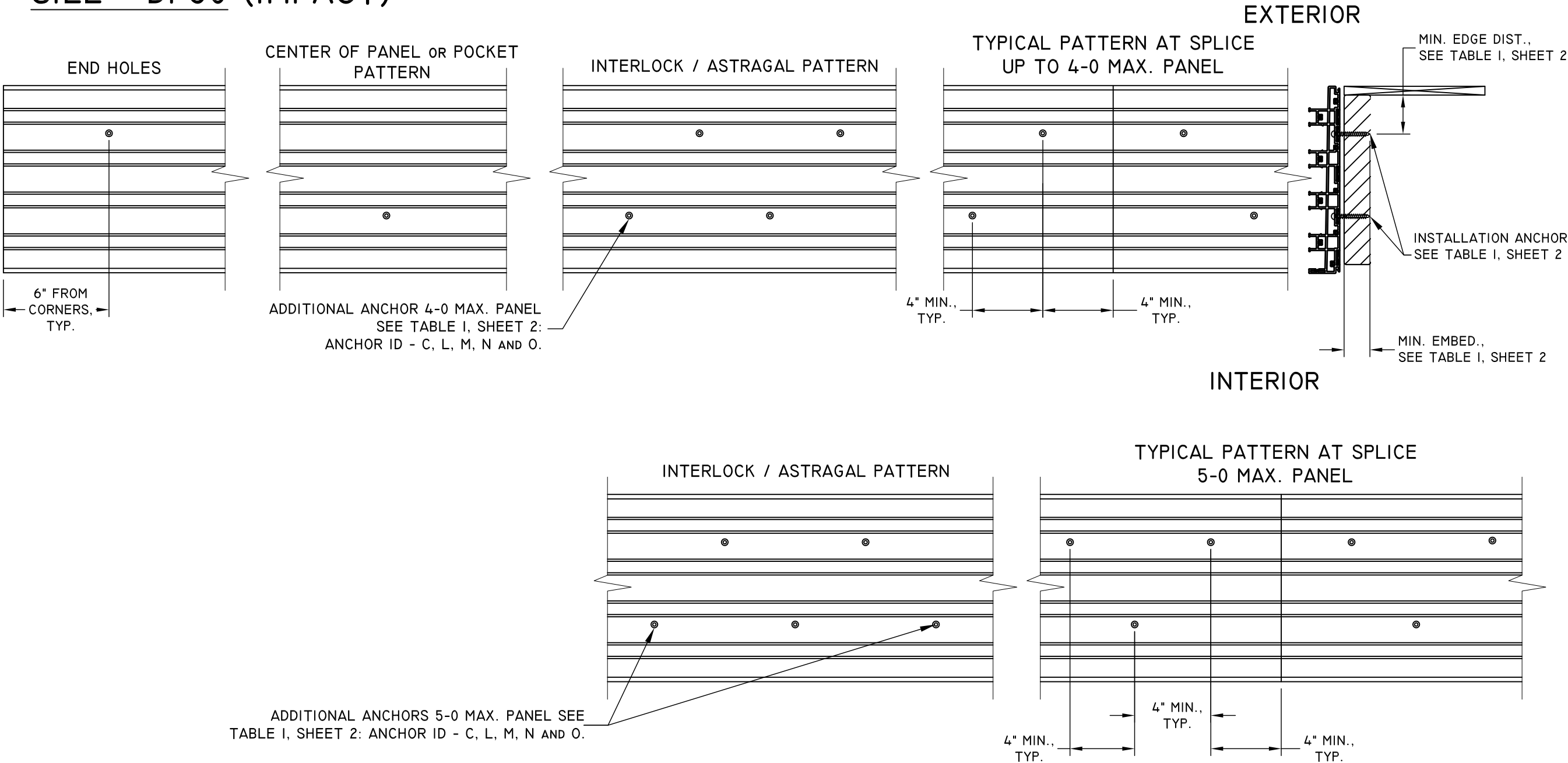
FL#: 41795

DWG #: IN0602

SHEET: 18 OF 22

4 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - SILL

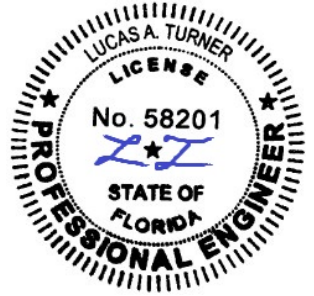
SILL - DP50 (IMPACT)



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TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT ANCHOR LAYOUT	DATE	8.22.22			
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	REVISION DESCRIPTION				
	NO.	A	UPDATE PANEL SIZE CHART		

DATE: 05/16/22	DWN BY: LMH	CHK BY:	SCALE: NTS
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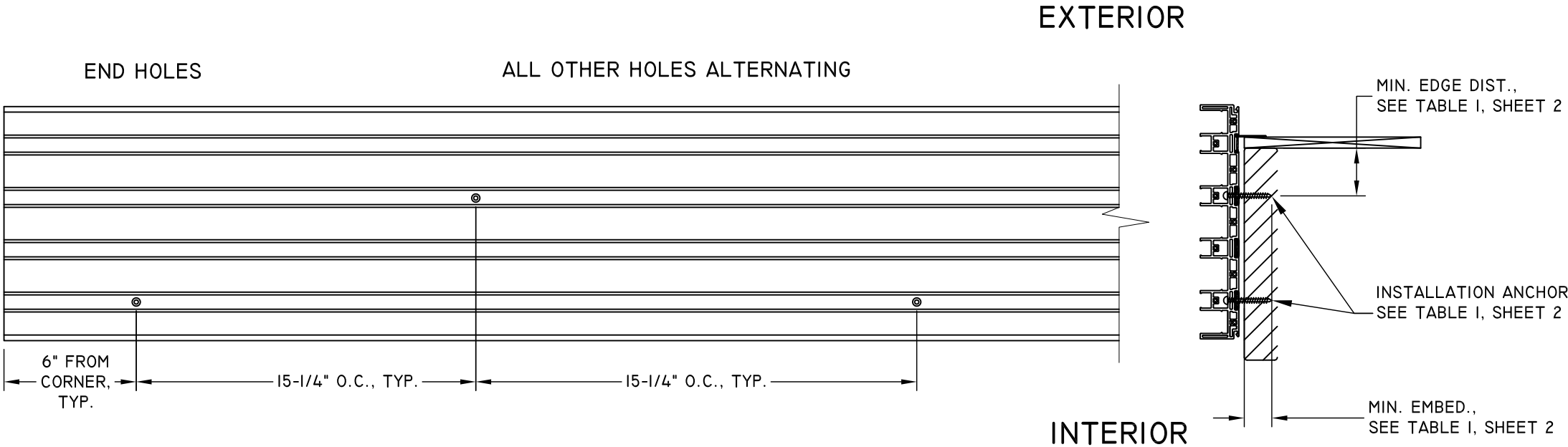
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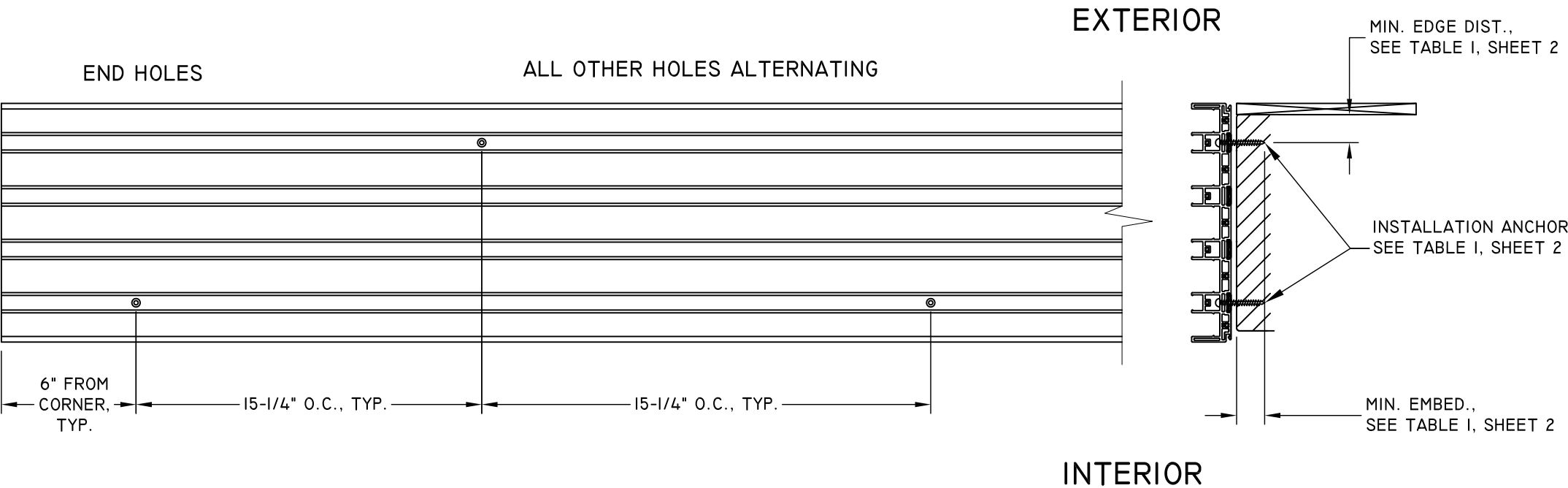
SHEET: 19 OF 22

JAMBS - DP50 (IMPACT)

4 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - JAMBS



4 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - JAMBS



NOTES:

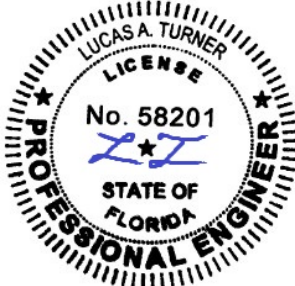
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TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION	NO.
	05/16/22	LMH	8.22.22	
			LMH	
			LMH	
			UPDATE PANEL SIZE CHART	A

DATE:	DWN BY:	CHK BY:	SCALE:
05/16/22	LMH		NTS



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DWG #: IN0602

SHEET: 20 OF 22

P-HOOK ANCHOR LAYOUT

DETAIL E4
P-HOOK

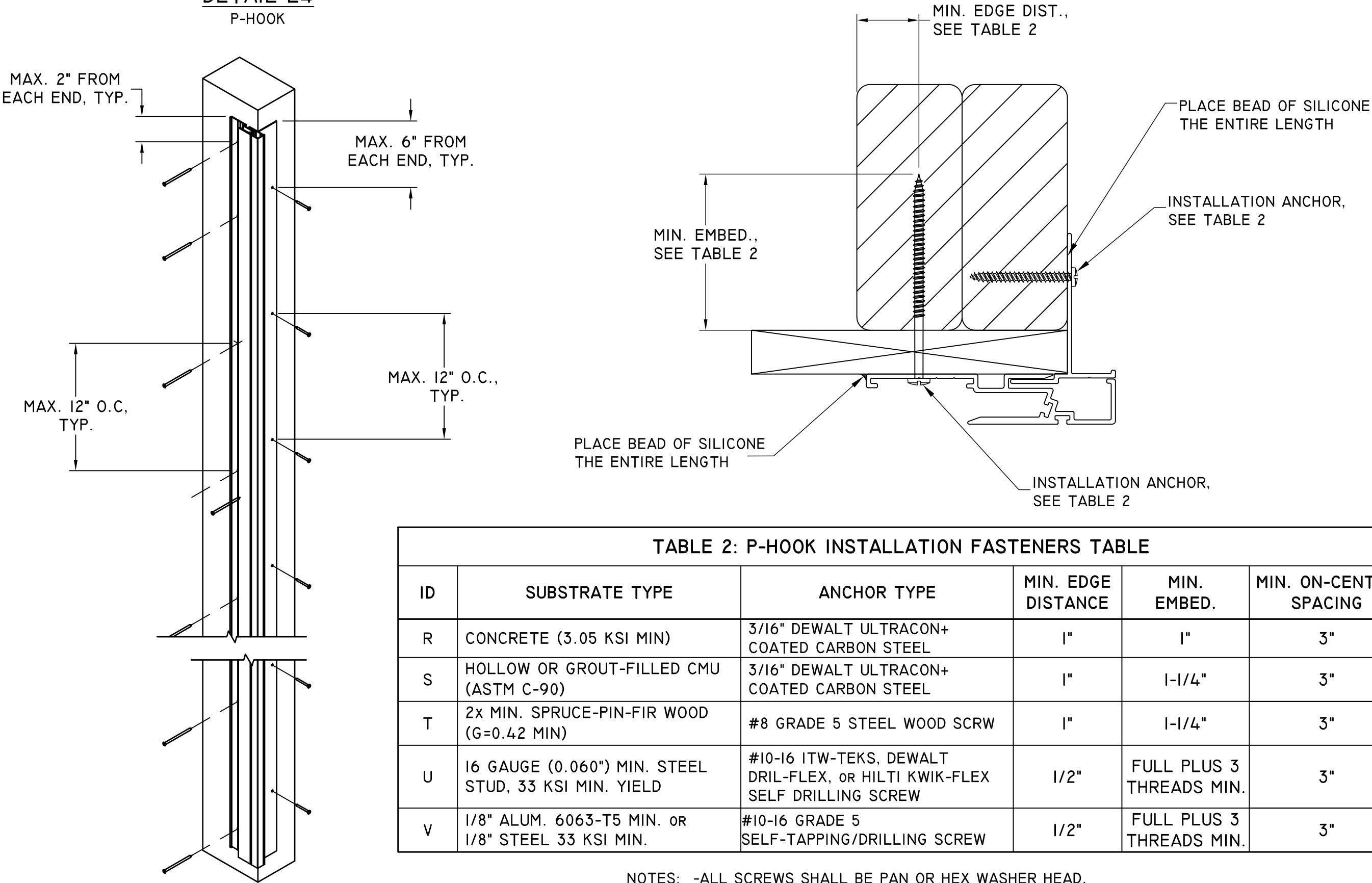
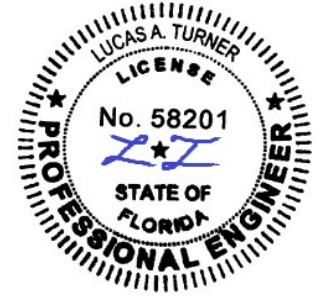


TABLE 2: P-HOOK INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EDGE DISTANCE	MIN. EMBED.	MIN. ON-CENTER SPACING
R	CONCRETE (3.05 KSI MIN)	3/16" DEWALT ULTRACON+ COATED CARBON STEEL	1"	1"	3"
S	HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	3/16" DEWALT ULTRACON+ COATED CARBON STEEL	1"	1-1/4"	3"
T	2x MIN. SPRUCE-PIN-FIR WOOD (G=0.42 MIN)	#8 GRADE 5 STEEL WOOD SCRW	1"	1-1/4"	3"
U	16 GAUGE (0.060") MIN. STEEL STUD, 33 KSI MIN. YIELD	#10-16 ITW-TEKS, DEWALT DRIL-FLEX, OR HILTI KWIK-FLEX SELF DRILLING SCREW	1/2"	FULL PLUS 3 THREADS MIN.	3"
V	1/8" ALUM. 6063-T5 MIN. OR 1/8" STEEL 33 KSI MIN.	#10-16 GRADE 5 SELF-TAPPING/DRILLING SCREW	1/2"	FULL PLUS 3 THREADS MIN.	3"

NOTES: -ALL SCREWS SHALL BE PAN OR HEX WASHER HEAD.
-PRE-DRILLING FOR ANCHORS INTO WOOD IS RECOMMENDED.
-CONCRETE/MASONRY SHALL NOT BE CRACKED.

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT P-HOOK ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION		
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	DWN BY:	LMH	CHK BY:		
	SCALE:	NTS			



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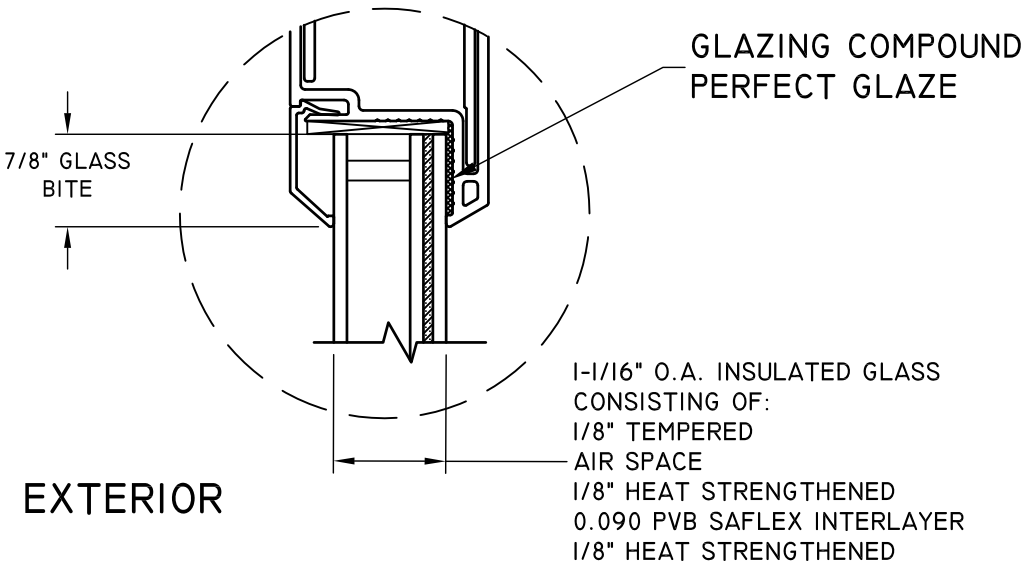
FL#: **41795**

DWG #: **IN0602**

SHEET: **21** OF **22**

SPLICE DETAILS

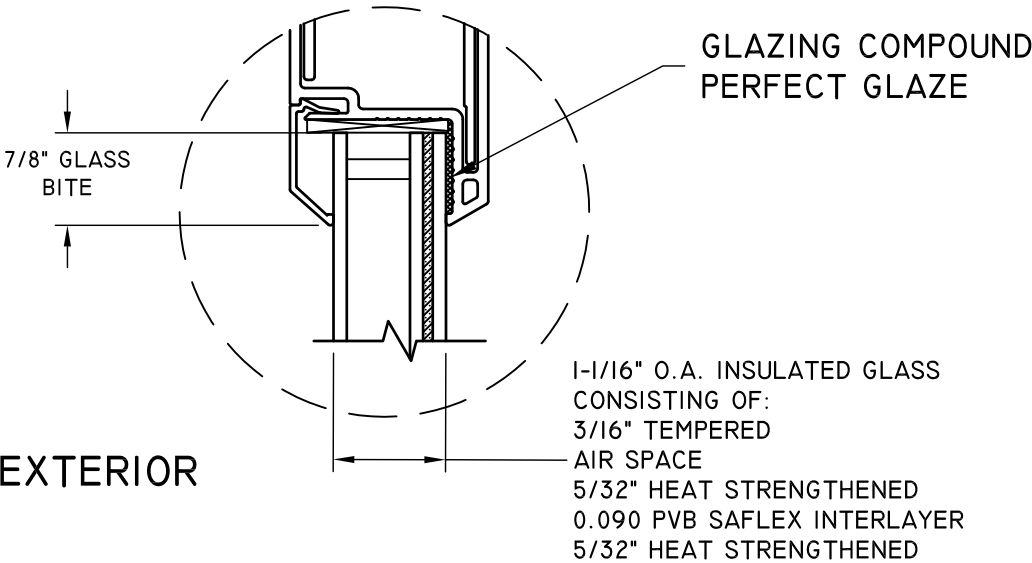
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EXTERIOR

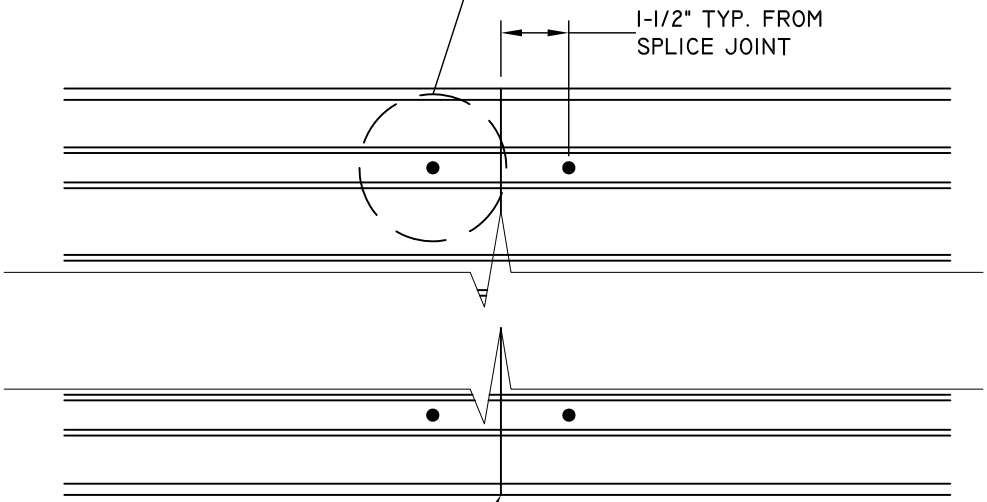
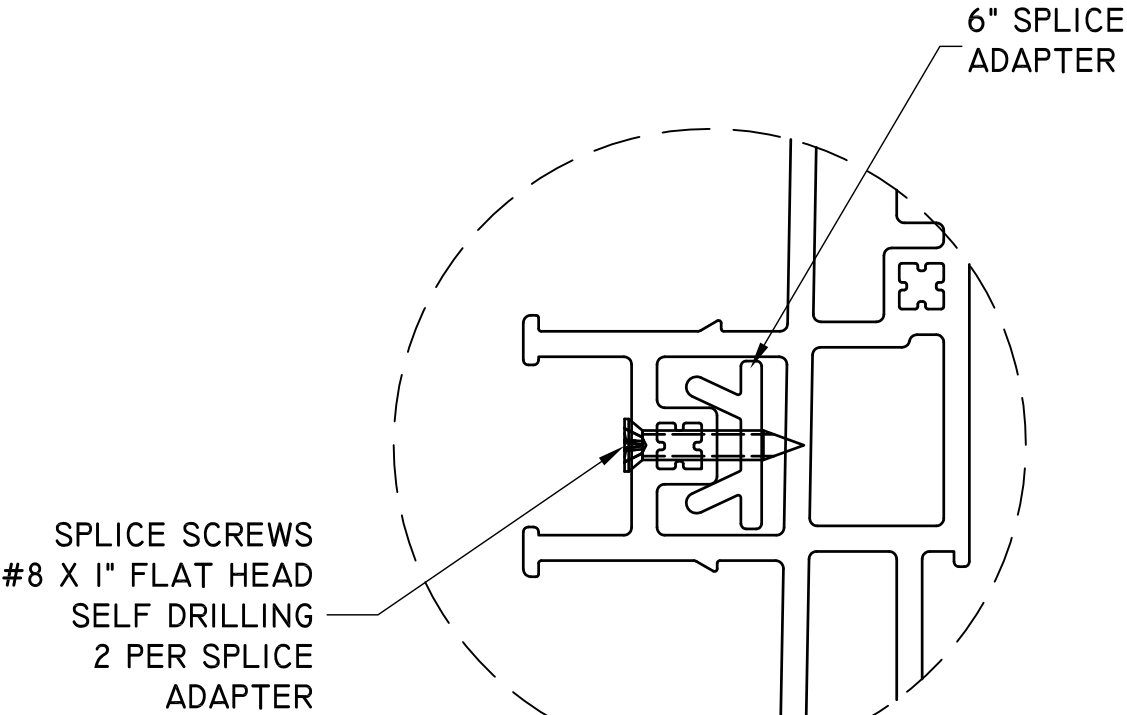
GLAZING DETAIL 1

INTERIOR

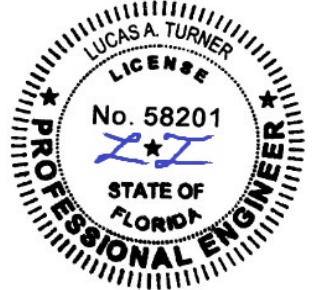


EXTERIOR

GLAZING DETAIL 2



TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR IMPACT GLAZING AND SPLICE DETAILS	DATE	BY	REVISION DESCRIPTION		
	05/16/22	LMH	A	UPDATE PANEL SIZE CHART	
DATE:	05/16/22	DWN BY:	LMH	CHK BY:	SCALE: NTS



11/18/2022
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DWG #: **IN0602**

SHEET: **22** OF **22**