

SIMONTON WINDOWS

MAXVIEW Multi-Slide Patio Door (HVHZ Non-Impact)

NOTES:

- THIS INSTALLATION HAS BEEN EVALUATED FOR USE IN LOCATIONS ADHERING TO THE FLORIDA BUILDING CODE INCLUDING 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.
- WHEN USED IN AREAS REQUIRING IMPACT PROTECTION, THIS PRODUCT REQUIRES 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 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 $C_d = 1.6$ WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY.
- PRODUCTS SHALL BE CONSTRUCTED AS SPECIFIED IN TEST REPORTS 3137.01-106-II-RI, 3137.02-106-II-RI AND 3137.04-106-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" (BOM ITEM 20)
234"	96"		+50/-50 PSF			
346"	96"		+50/-50 PSF			

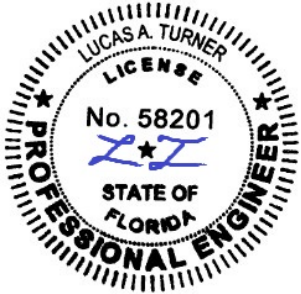
PANEL SIZE CHART			
PANEL CALL SIZE	PANEL MAX. SIZE	D.L.O.	
		WIDTH	HEIGHT
3-0	37-1/8" x 93-1/8"	28-1/8"	84-1/8"
4-0	49-1/8" x 93-1/8"	40-1/8"	84-1/8"
5-0	60" x 93-1/8"	51"	84-1/8"

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	SIZE CHART, PANEL SIZE CHART & GENERAL NOTES
2	TABLE I: INSTALLATION FASTENERS
3	CONFIGURATIONS & ELEVATIONS
4	HORIZONTAL SECTION DETAILS
5	VERTICAL SECTION DETAILS
6-20	ANCHOR LAYOUTS
21	P-HOOK ANCHOR LAYOUT DETAILS
22	GLAZING DETAILS & SPLICE DETAILS
23	BILL OF MATERIAL
24	COMPONENTS



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

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ NON-IMPACT NOTES & PANEL SIZE & SIZE CHARTS	DATE	BY	REVISION DESCRIPTION		
	05/16/22	DWN BY: LMH	NO.	CHK BY:	SCALE: NTS



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

FL#: 41795

DWG #: IN0603

SHEET: 1 OF 24

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
PENNSBORO, WV 26415
PH: 800-542-9118

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ NON-IMPACT TABLE I: INSTALLATION FASTENERS	DATE	DWN BY:	LMH	CHK BY:	SCALE:
	05/16/22				NTS
	BY	REVISION DESCRIPTION			
	DATE				



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

FL#: 41795

DWG #: IN0603

SHEET: 2 OF 24

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	

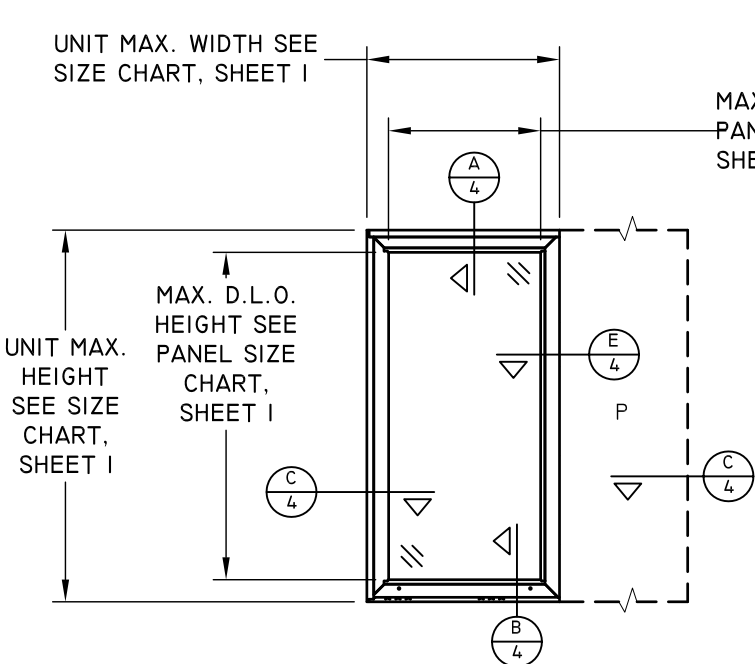
3 TRACK CONFIGURATIONS				
CONFIGURATION	# OF TRACKS	# OF PANELS	PANEL CONFIGURATION (EXTERNAL POCKET)	PANEL CONFIGURATION (INTERNAL POCKET)
XXXP	3	3	XLE:XMR:XMR	XLI:XML:XML
PXXX	3	3	XML:XML:XRE	XMR:XMR:XRI
XXXL	3	3	XLI:XML:XRE	
XXXR	3	3	XLE:XMR:XRI	
XXO	3	3	XLI:XML:ORE	
OXX	3	3	OLE:XMR:XRI	
PXXX-XXXPL	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.

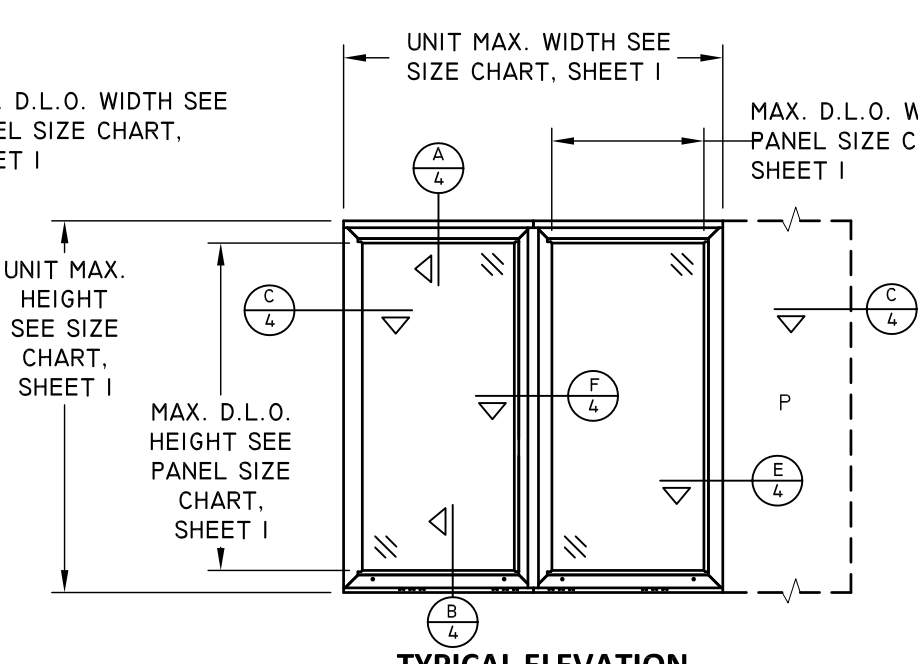
4 TRACK CONFIGURATIONS				
CONFIGURATION	# OF TRACKS	# OF PANELS	PANEL CONFIGURATION (EXTERNAL POCKET)	PANEL CONFIGURATION (INTERNAL POCKET)
XXXXP	4	4	XLE:XMR:XMR:XMR	XLI:XML:XML:XML
PXXXX	4	4	XML:XML:XML:XRE	XMR:XMR:XMR:XRI
XXXXL	4	4	XLI:XML:XML:XRE	
XXXXR	4	4	XLE:XMR:XMR:XRI	
XXXO	4	4	SLI:XML:XML:ORE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



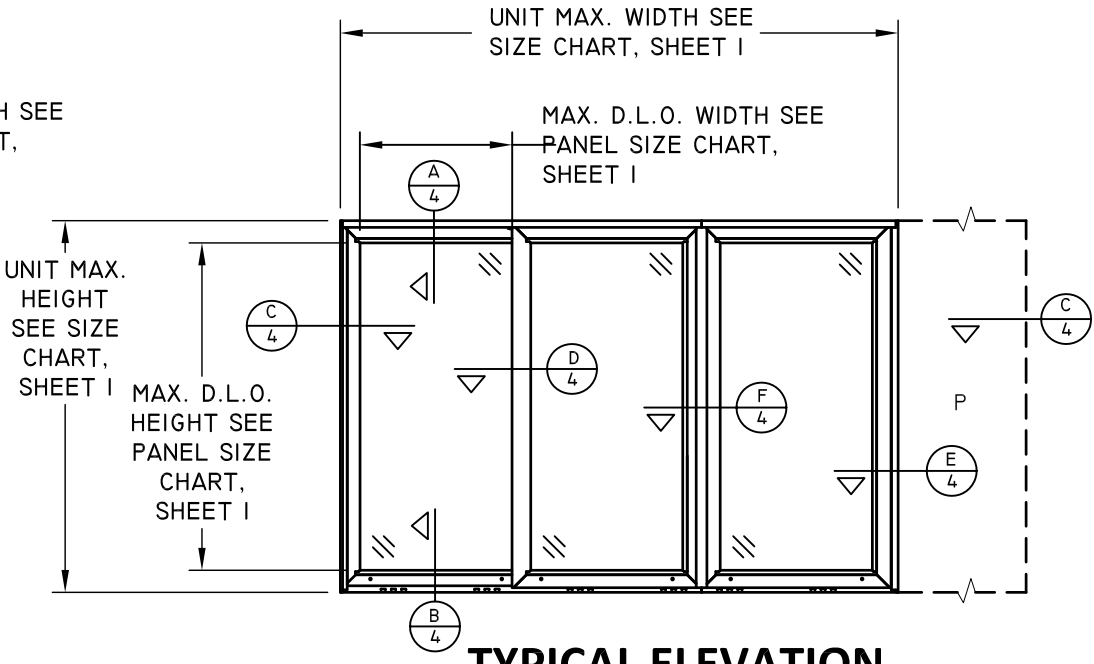
TYPICAL ELEVATION

XP or PX



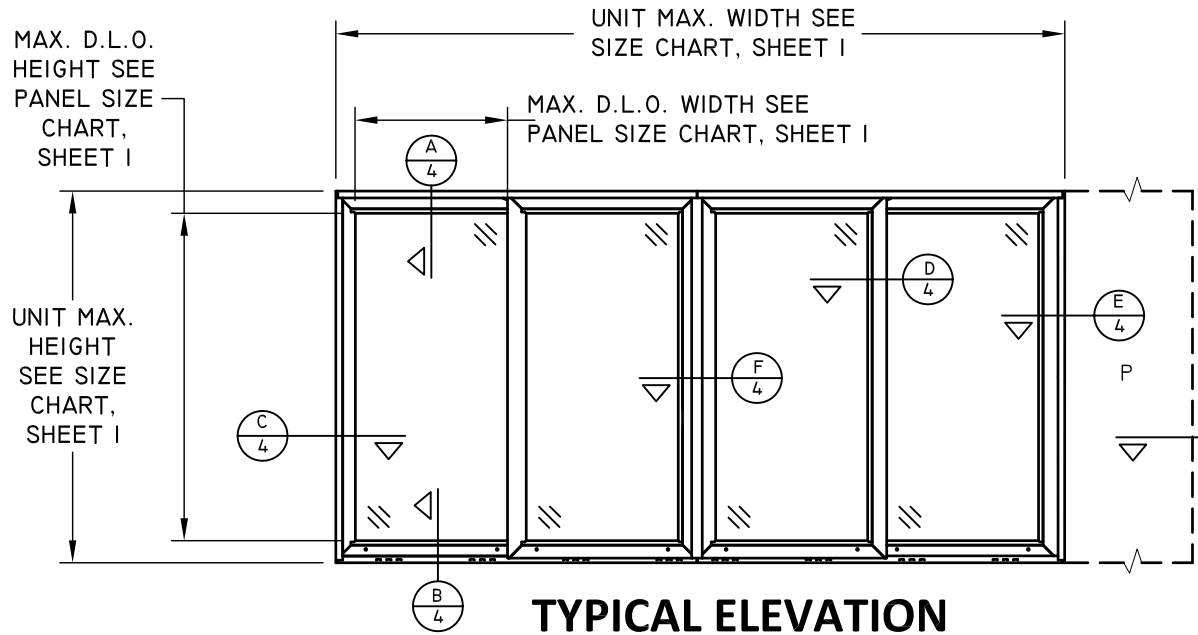
TYPICAL ELEVATION

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



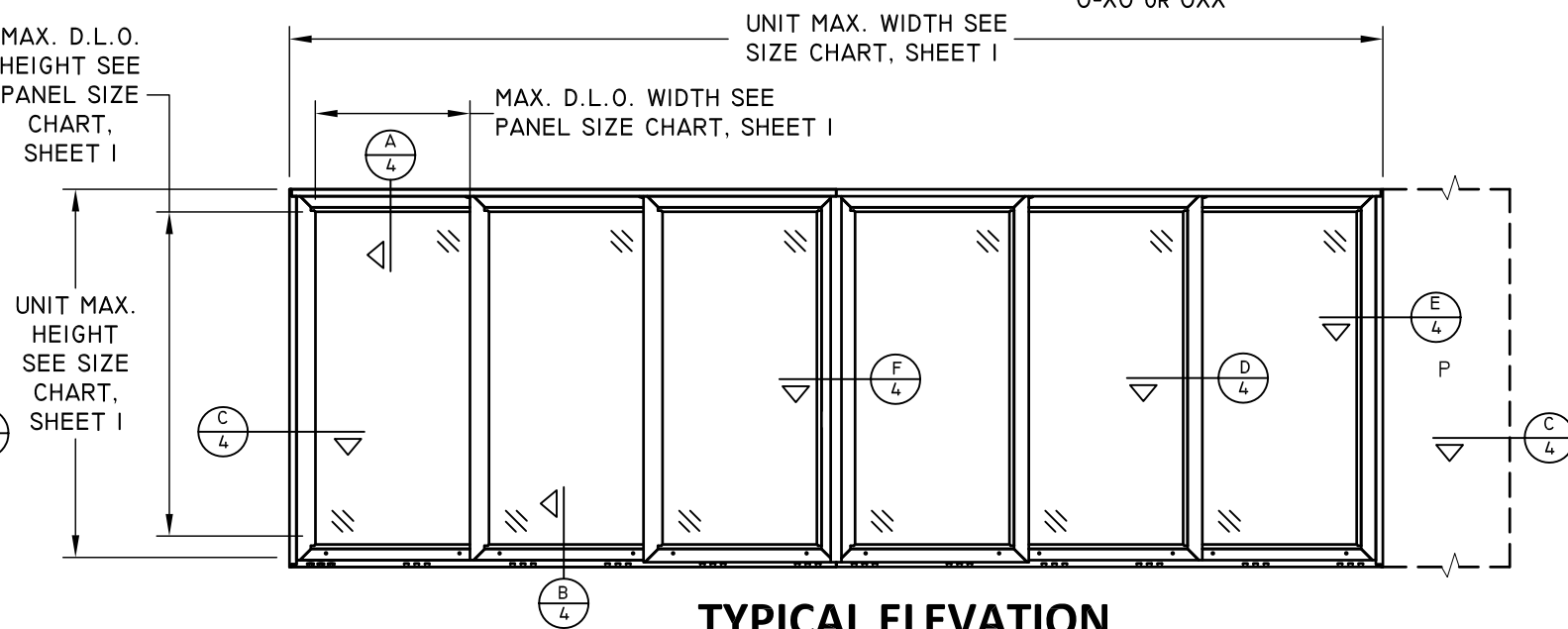
TYPICAL ELEVATION

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



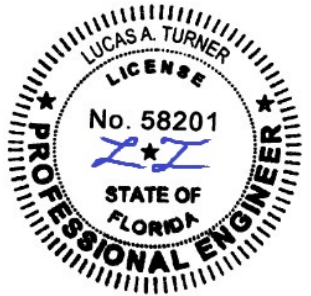
TYPICAL ELEVATION

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



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

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT CONFIGURATIONS & ELEVATIONS				
DATE:	DWN BY:	CHK BY:	SCALE:	REVISION DESCRIPTION
				NO.
05/16/22	LMH		NTS	



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

FL#: 41795

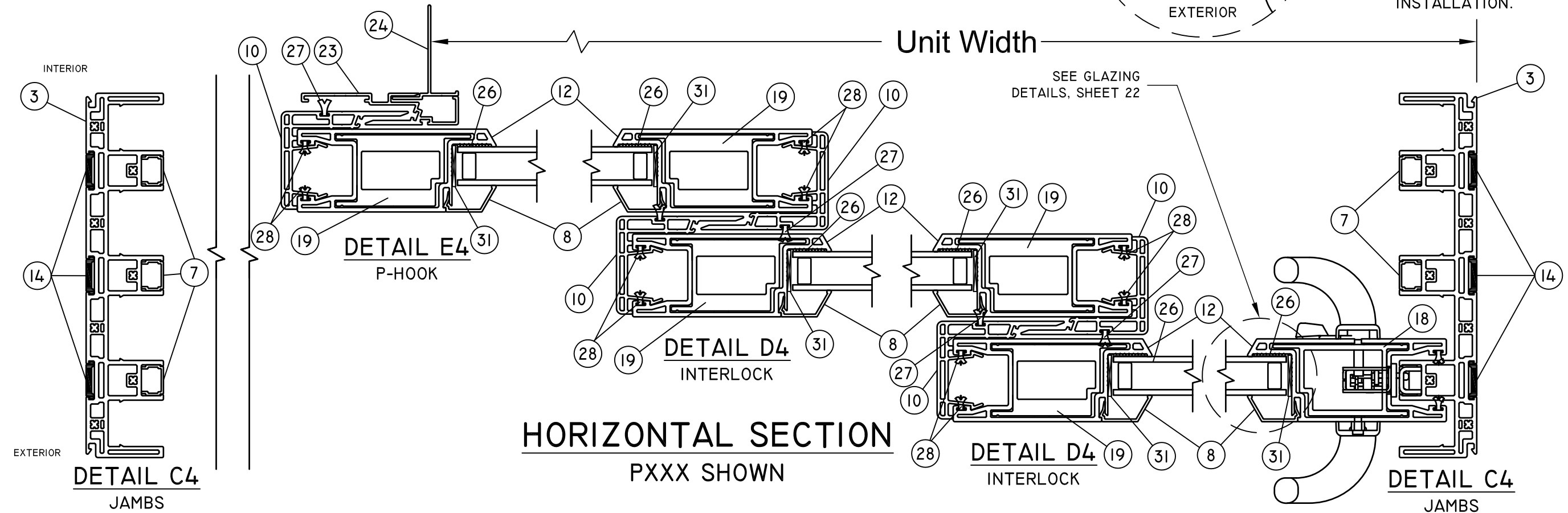
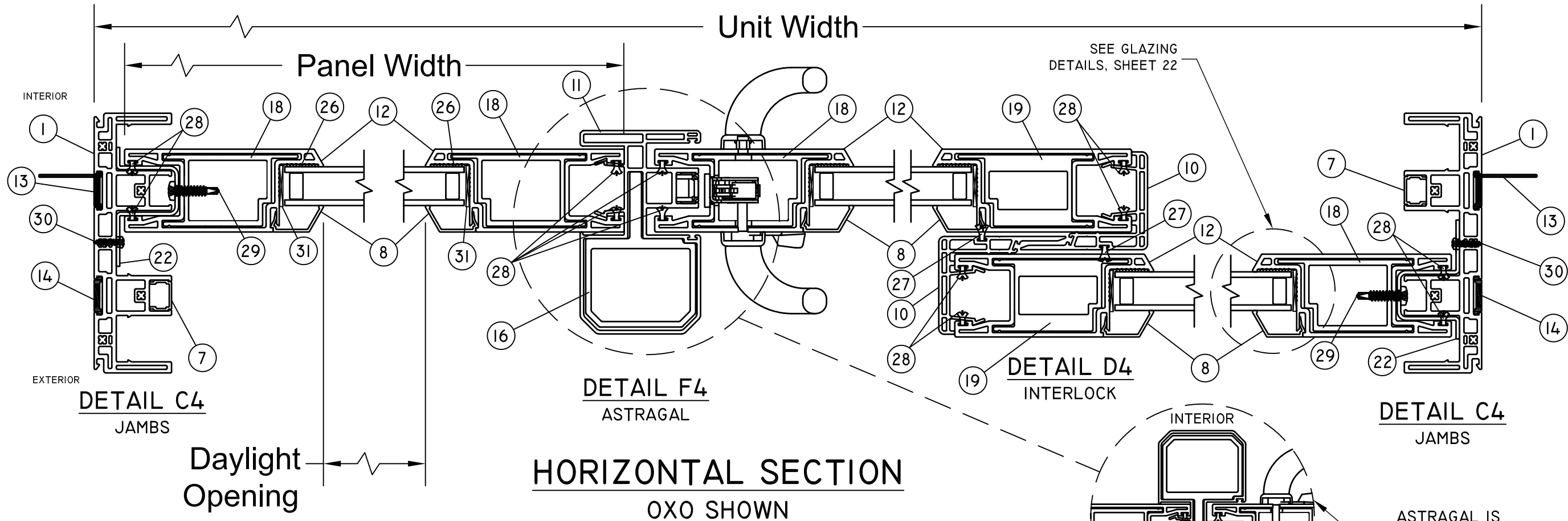
DWG #: IN0603

SHEET: 3 OF 24

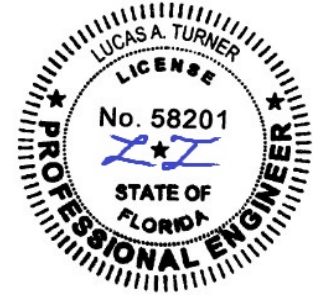
DP50 (HVHZ Non-IMPACT)



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



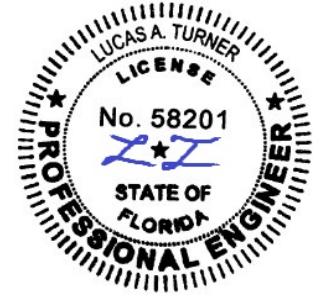
TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ Non-IMPACT HORIZONTAL SECTION DETAILS	DATE	BY	DATE
	05/16/22	LMH	
	DWN BY:	CHK BY:	SCALE:
			NTS



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

FL#:	41795
DWG #:	IN0603
SHEET:	4 OF 24

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT			
REVISION DESCRIPTION	DATE		
	BY		
NO.			
DATE: 05/16/22	DWN BY: LMH	CHK BY:	SCALE: NTS



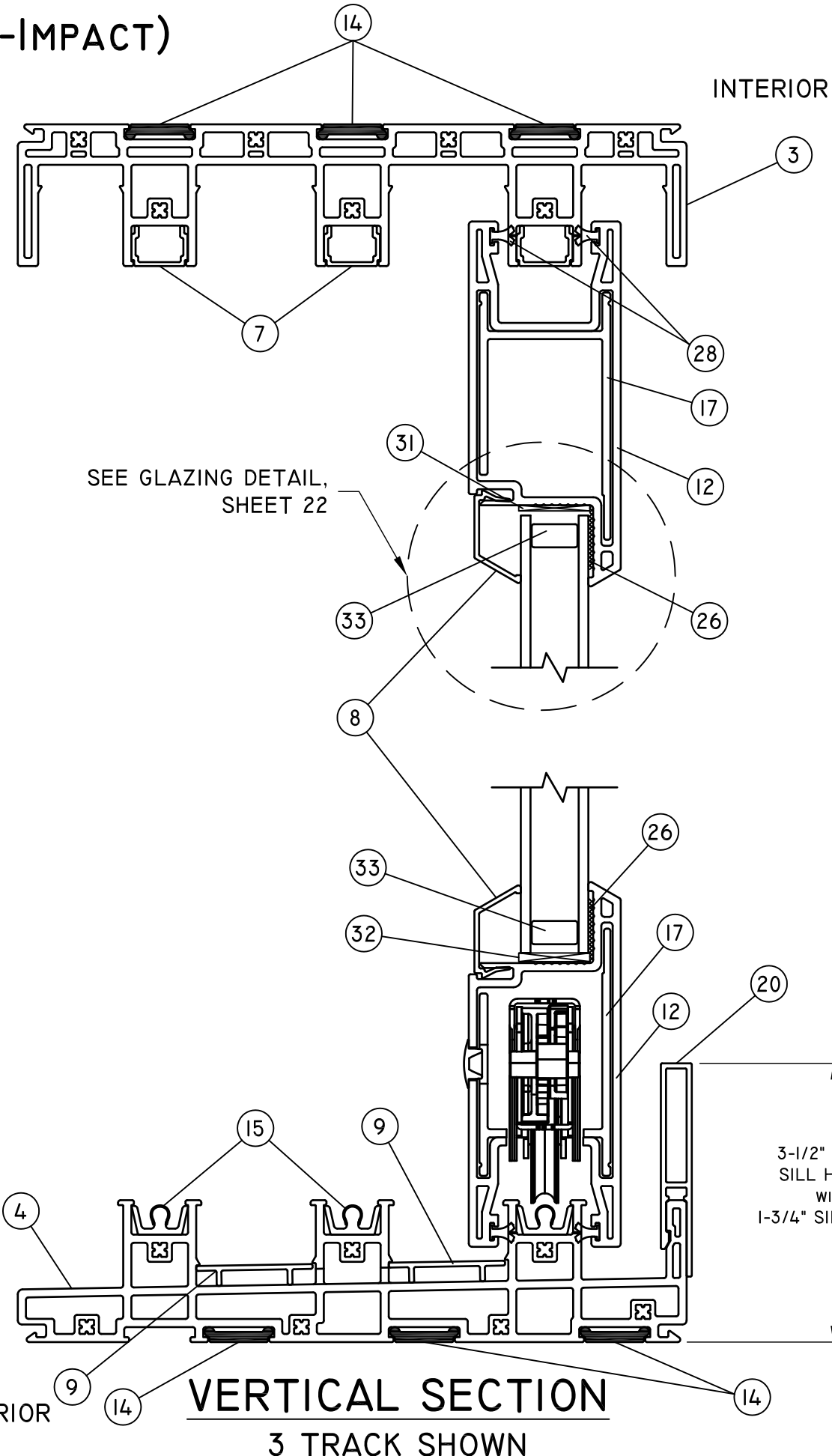
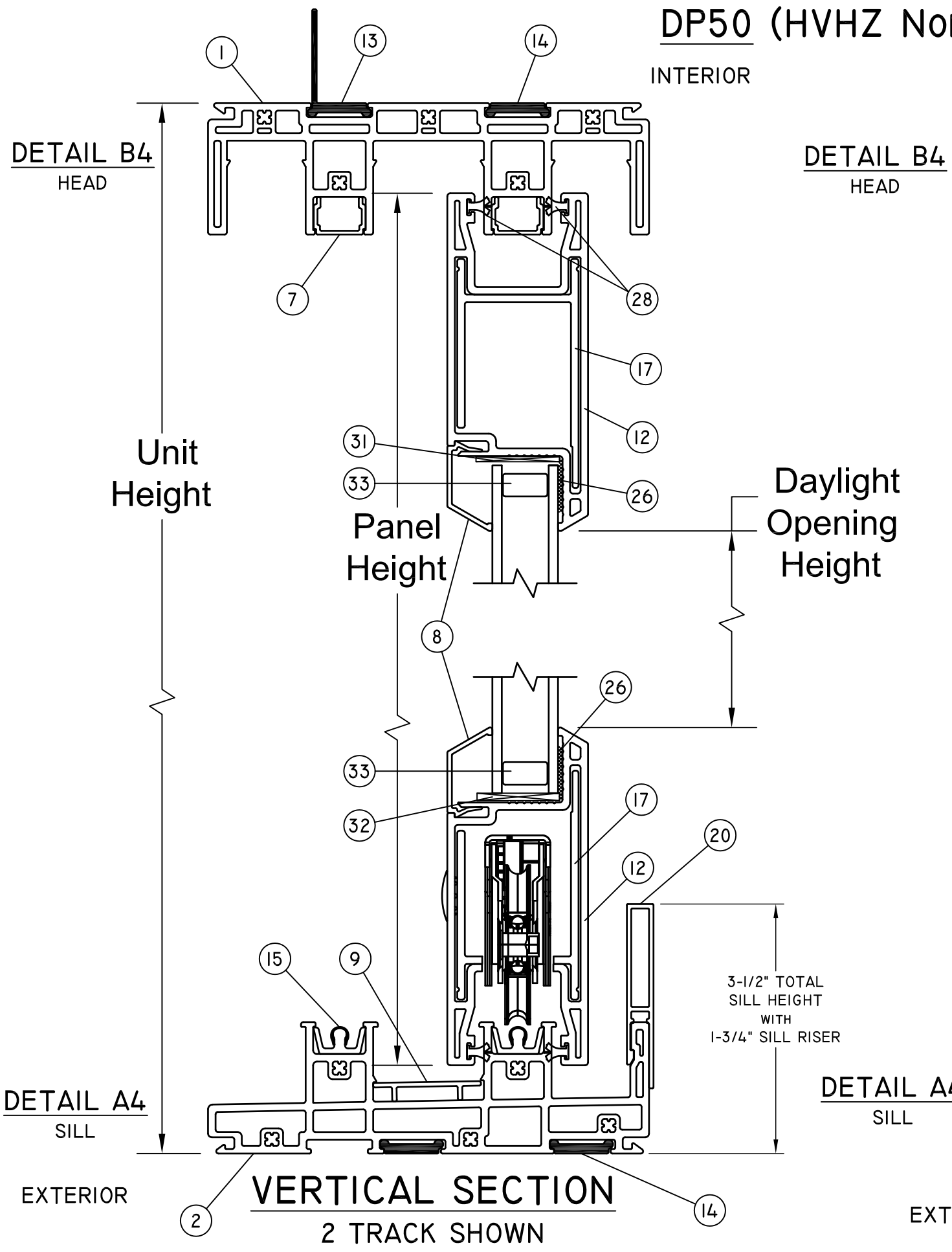
11/18/2022
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING & CONSULTING, INC.
(COA # 29779)
2428 OLD NACHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

FL#: **41795**

DWG #: **IN0603**

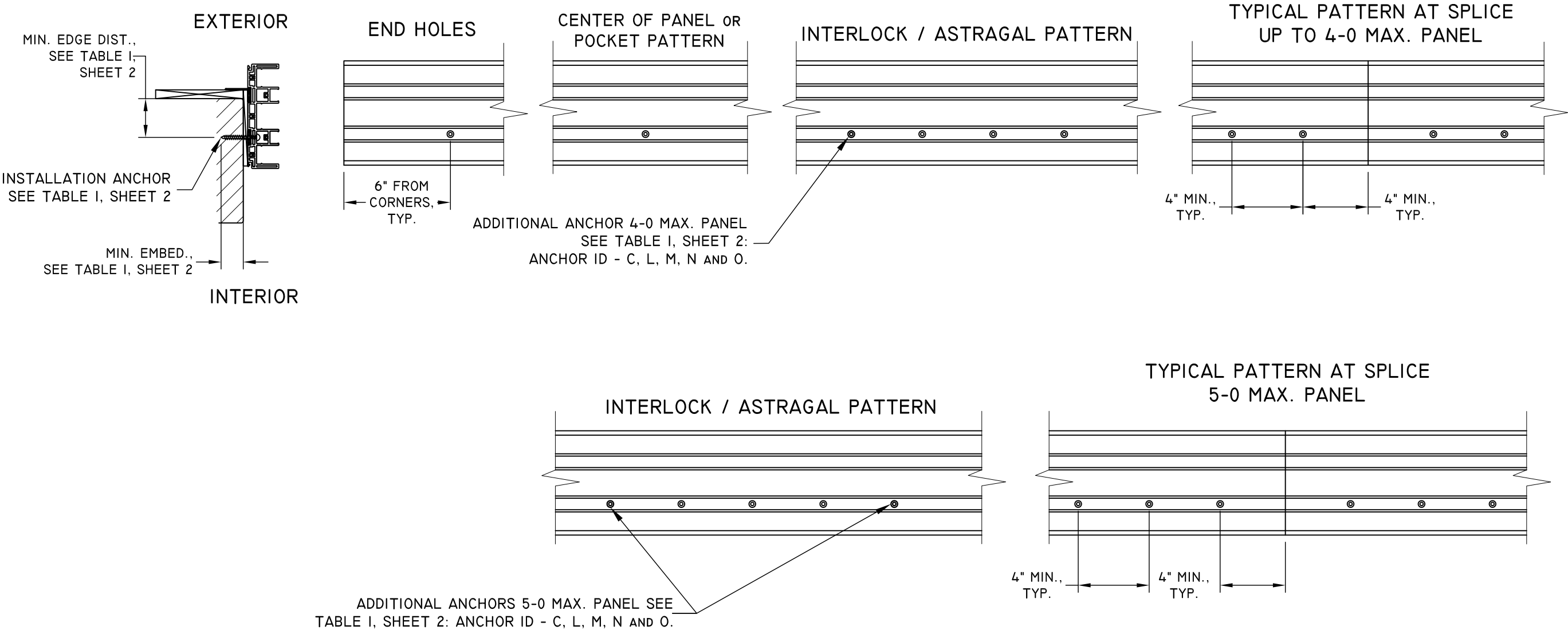
SHEET: **5 OF 24**

DP50 (HVHZ Non-IMPACT)



2 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - HEAD

HEAD - DP50 (HVHZ Non-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 22.



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

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT ANCHOR LAYOUT	DATE	BY			
	05/16/22	DWN BY: LMH	CHK BY:	SCALE:	NTS



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

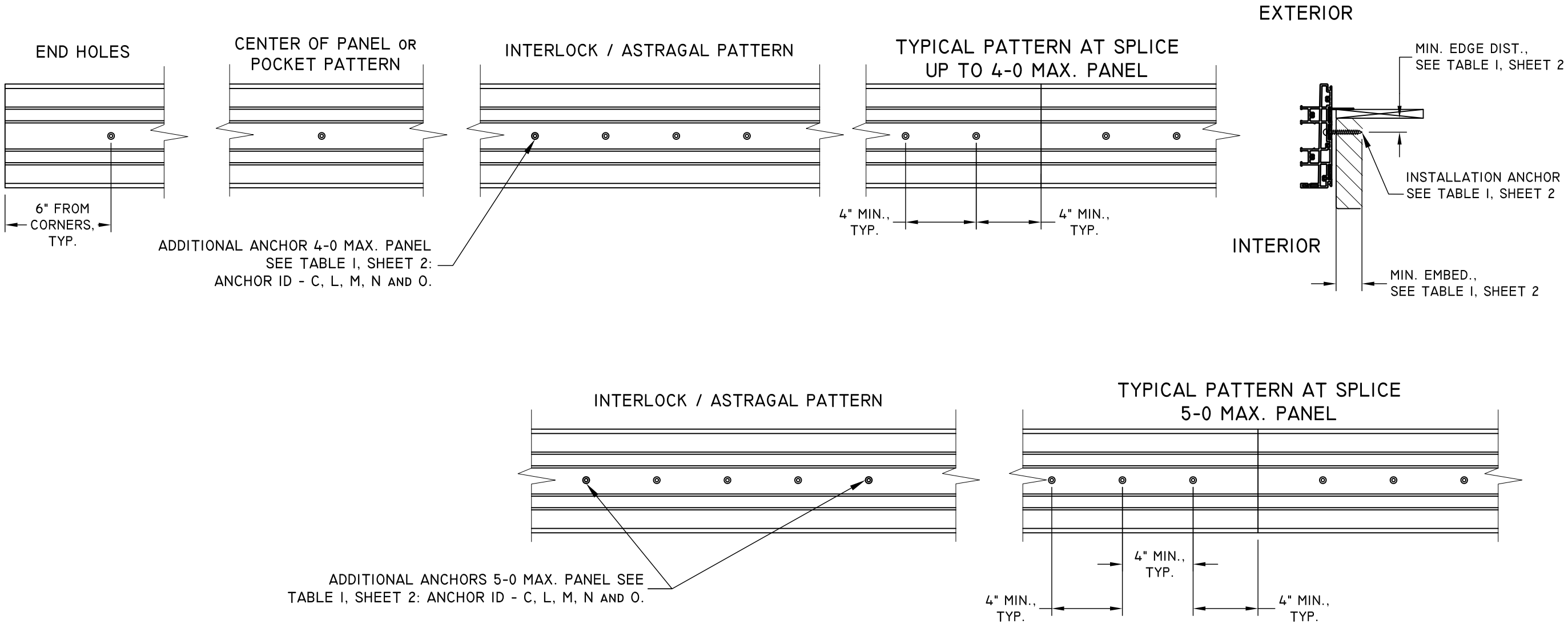
FL#: 41795

DWG #: IN0603

SHEET: 6 OF 24

2 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - SILL

SILL - DP50 (HVHZ Non-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 22.

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

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ NON-IMPACT ANCHOR LAYOUT	DATE	BY			
	05/16/22	DWN BY: LMH	CHK BY:	SCALE:	NTS

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

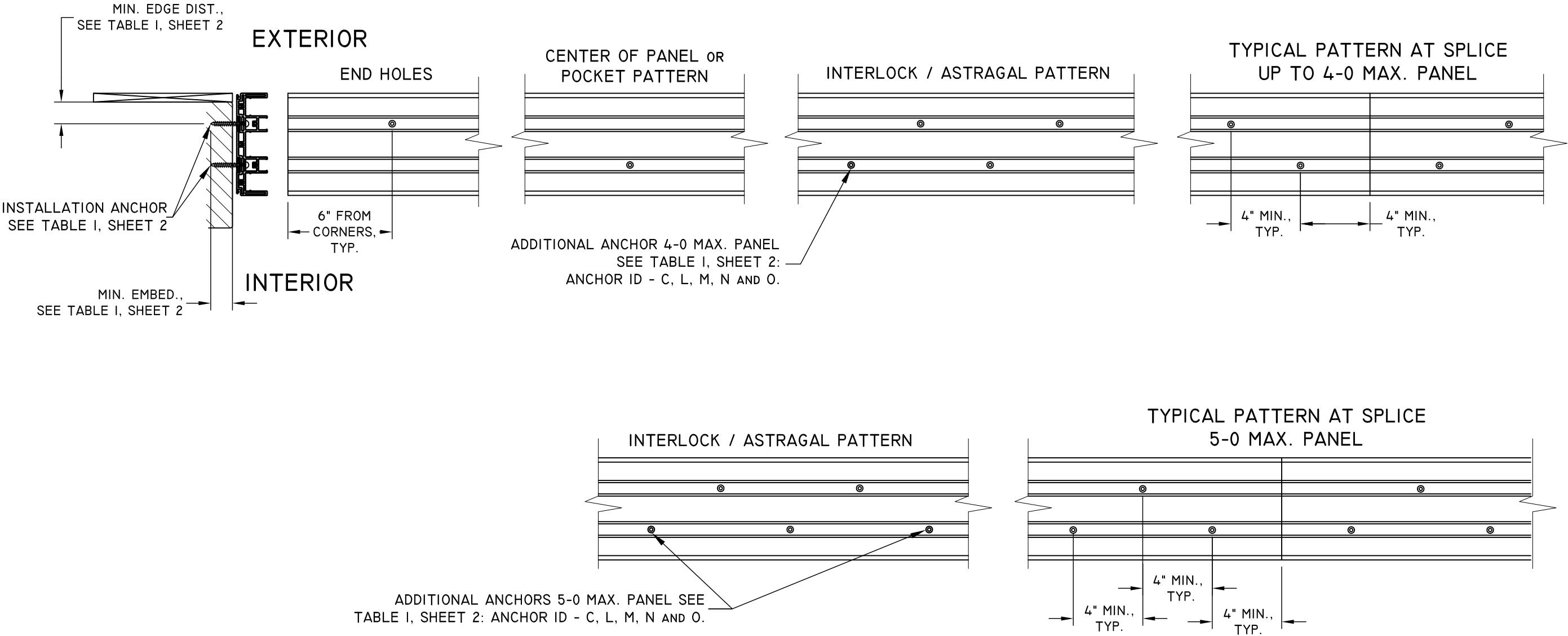
FL#: 41795

DWG #: IN0603

SHEET: 7 OF 24

2 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - HEAD

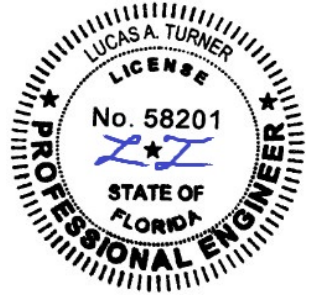
HEAD - DP50 (HVHZ Non-IMPACT)



- 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 22.

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ Non-IMPACT ANCHOR LAYOUT	DATE				
	BY				
	REVISION DESCRIPTION				
	NO.				

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



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

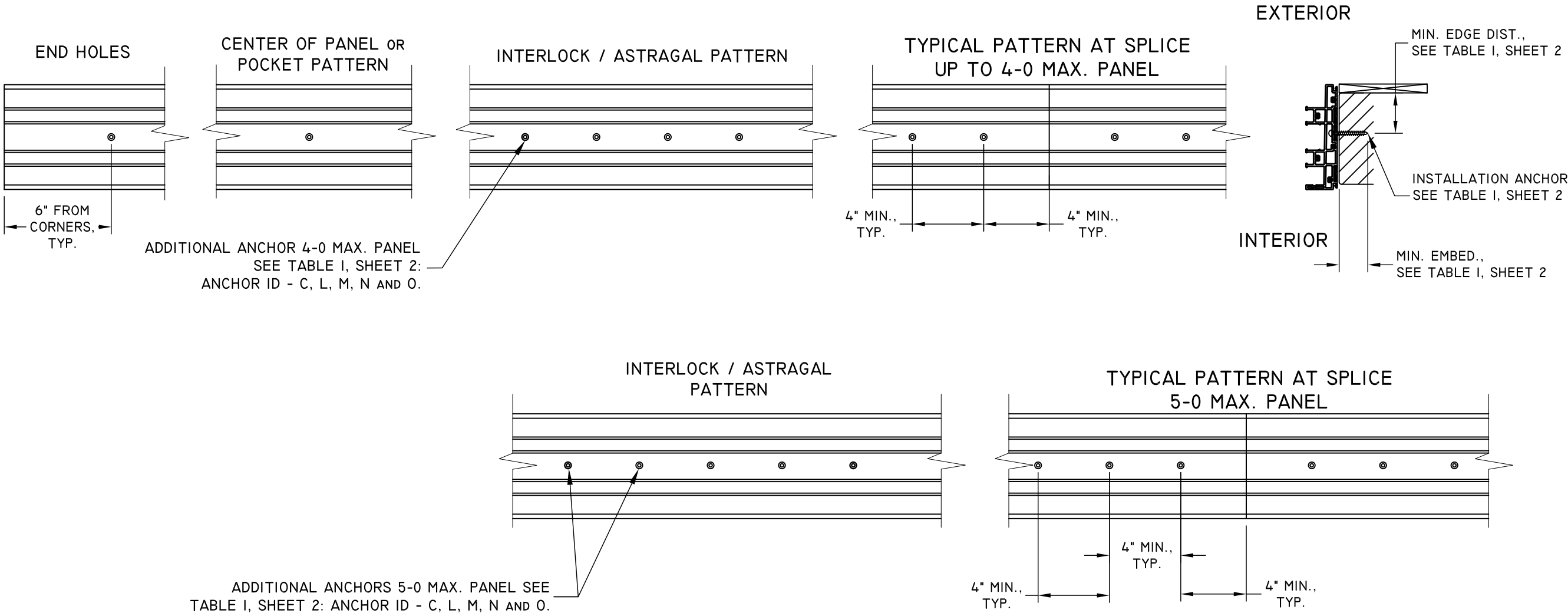
FL#: 41795

DWG #: IN0603

SHEET: 8 OF 24

2 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - SILL

SILL - DP50 (HVHZ Non-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. IX WOOD BUCK BY OTHERS IS OPTIONAL FOR MASONRY APPLICATIONS.
4. SILL NAIL FIN IS OPTIONAL.
5. 1/4" MAX. SHIM STACK.
6. SPLICE DETAILS, SEE SHEET 22.

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION		

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



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

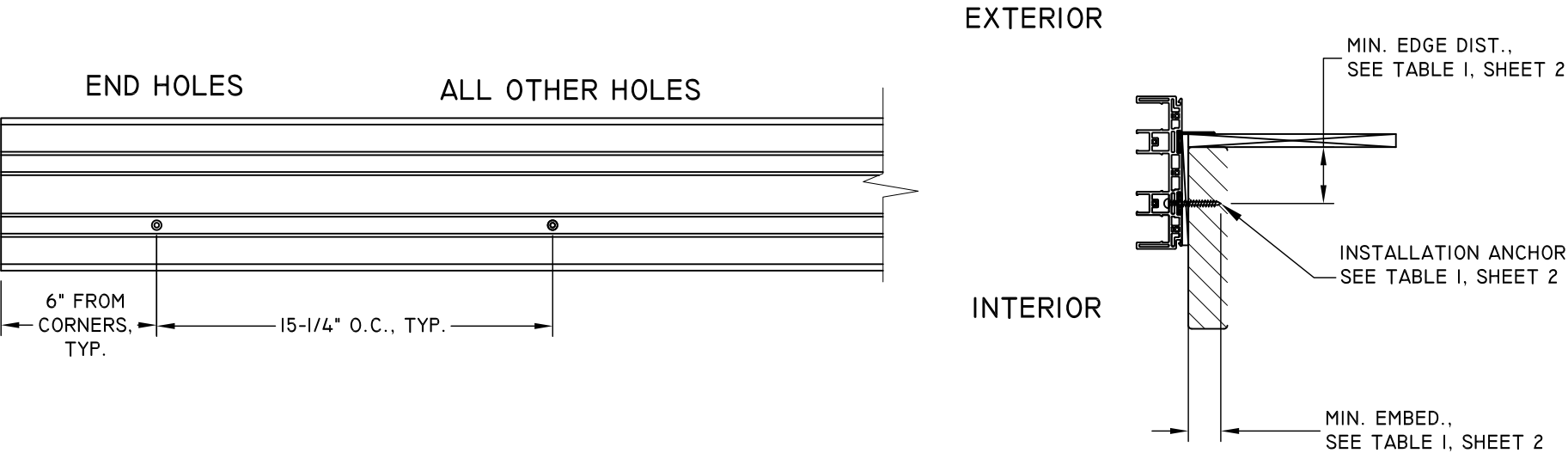
FL#: 41795

DWG #: IN0603

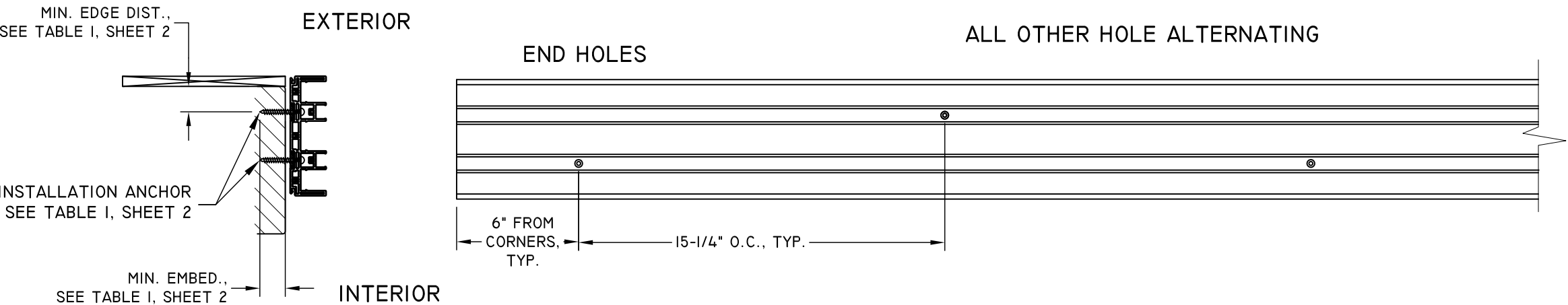
SHEET: 9 OF 24

JAMBS - DP50 (HVHZ Non-IMPACT)

2 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - JAMBS



2 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - JAMBS

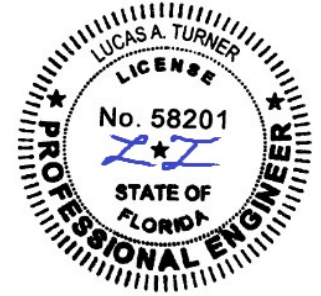


NOTES:

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.

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION		

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



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

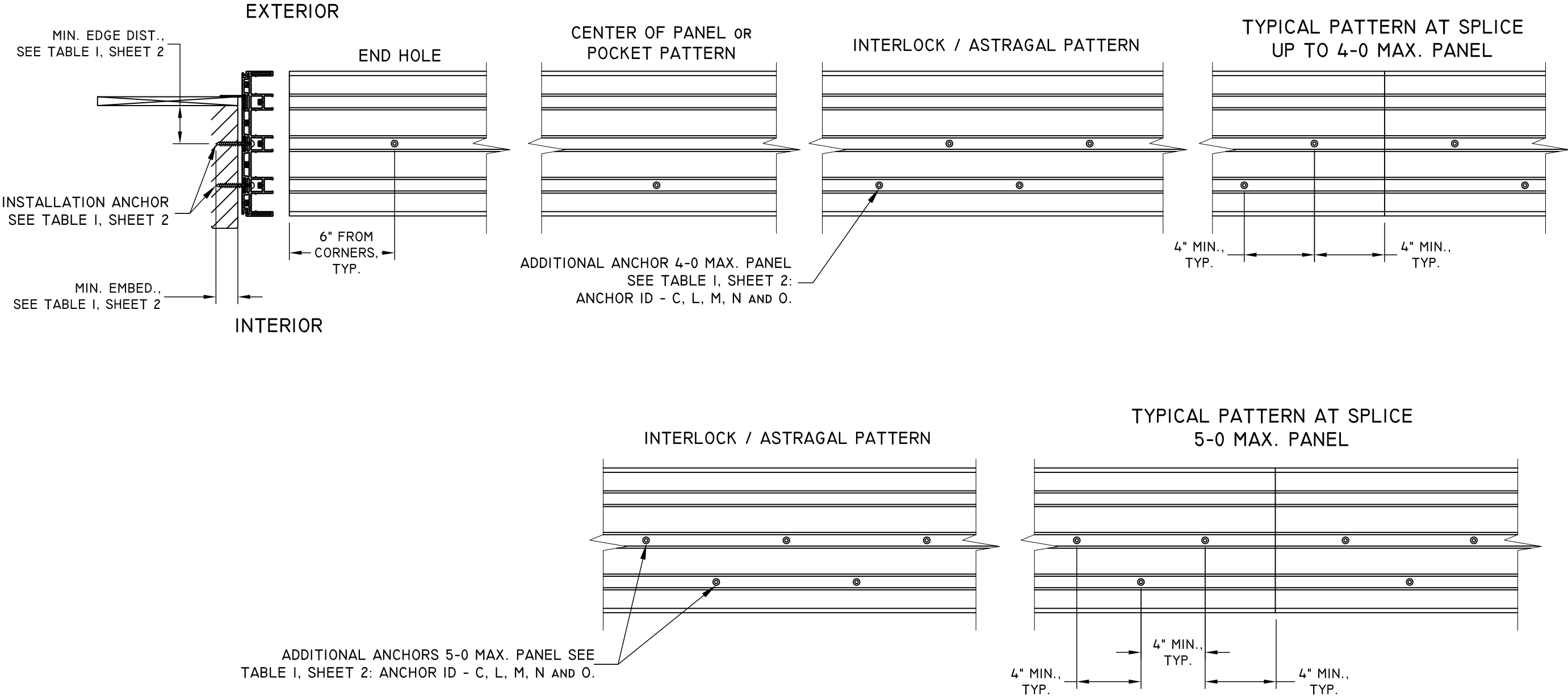
FL#: 41795

DWG #: IN0603

SHEET: 10 OF 24

3 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - HEAD

HEAD - DP50 (HVHZ Non-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 DETAILS, SEE SHEET 22.



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

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT ANCHOR LAYOUT	DATE				
	BY				
	REVISION DESCRIPTION				
	NO.				
DATE: 05/16/22	DWN BY: LMH	CHK BY:	SCALE: NTS		



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

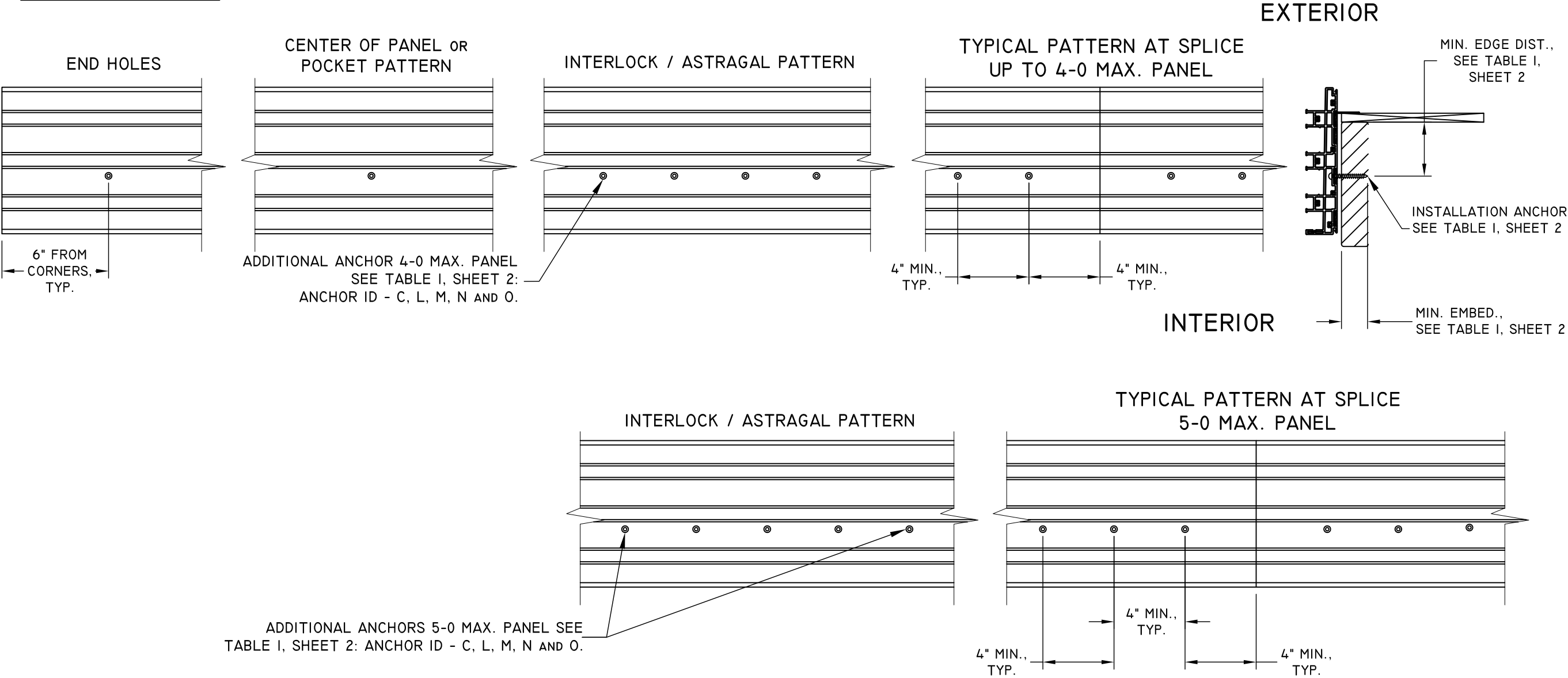
FL#: 41795

DWG #: IN0603

SHEET: 11 OF 24

3 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - SILL

SILL - DP50 (HVHZ Non-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. IX WOOD BUCK BY OTHERS IS OPTIONAL FOR MASONRY APPLICATIONS.
 - 4. SILL NAIL FIN IS OPTIONAL.
 - 5. 1/4" MAX. SHIM STACK.
 - 6. SPLICE DETAILS, SEE SHEET 22.



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

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ Non-IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION	
	05/16/22	LMH	NO.	
	CHK BY:		SCALE: NTS	
	DWN BY:			



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

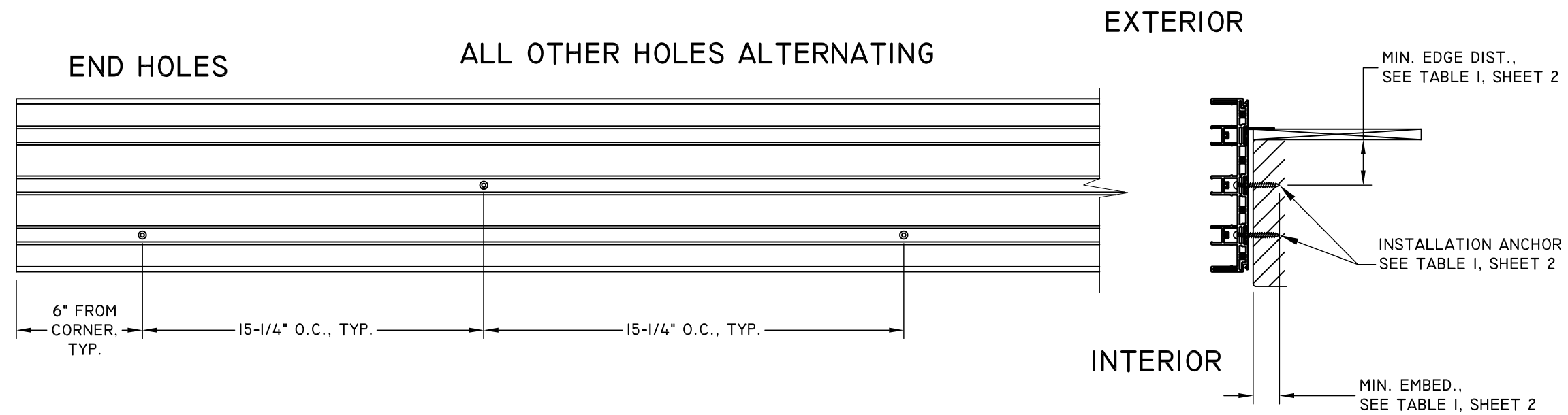
FL#: 41795

DWG #: IN0603

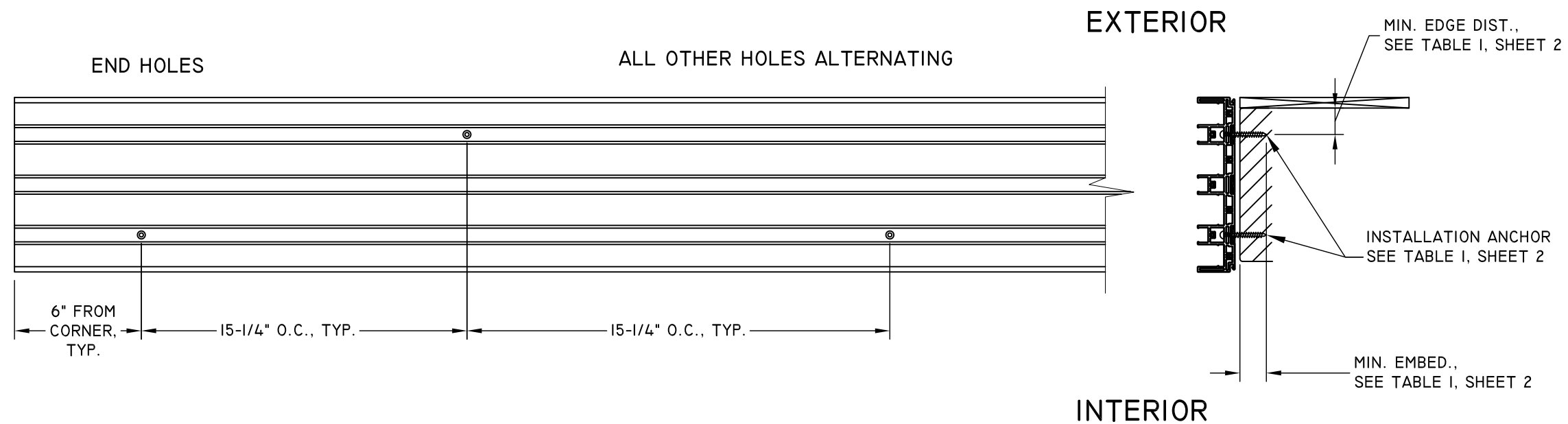
SHEET: 12 OF 24

JAMBS - DP50 (HVHZ Non-IMPACT)

3 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - JAMBS



3 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - JAMBS



- 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.

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ NON-IMPACT ANCHOR LAYOUT				
DATE: 05/16/22	NO.	REVISION DESCRIPTION	BY	DATE
DWN BY: LMH	.		.	.
CHK BY:				
SCALE: NTS				



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

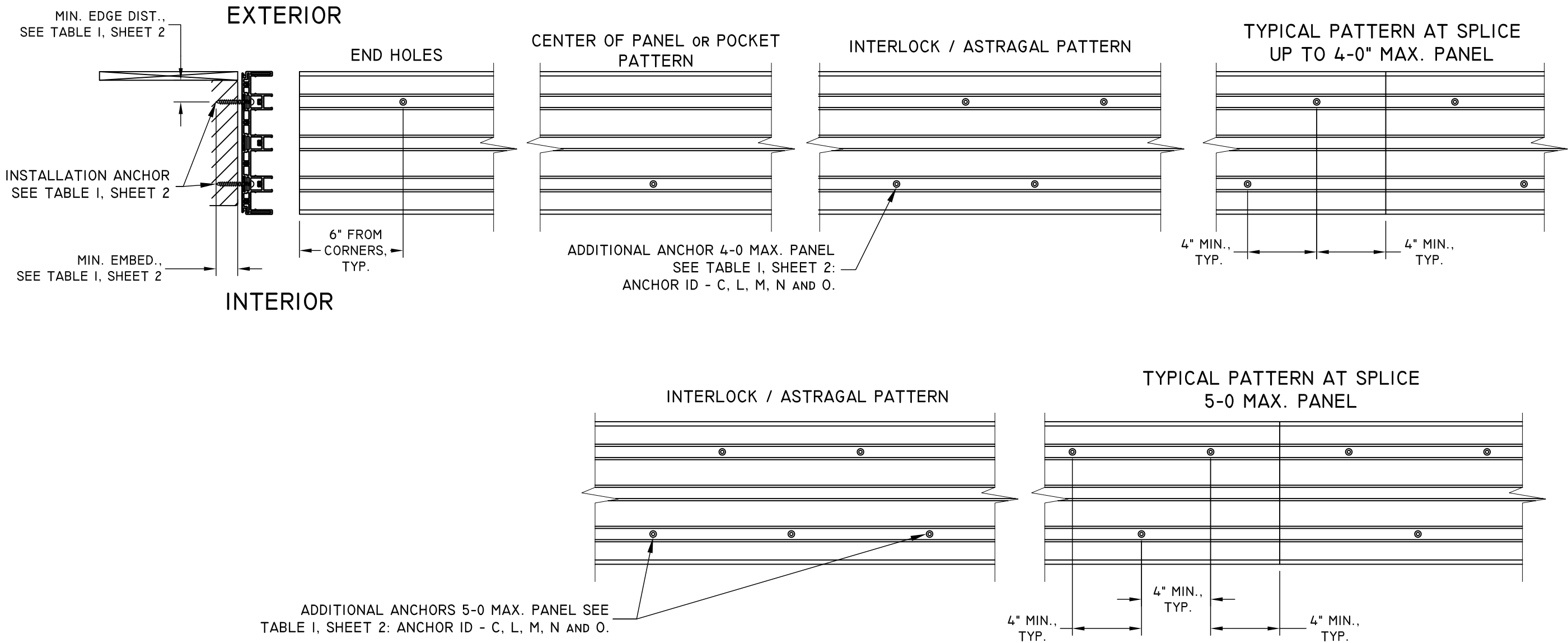
FL#: 41795

DWG #: IN0603

SHEET: 13 OF 24

3 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - HEAD

HEAD - DP50 (HVHZ Non-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 DETAILS, SEE SHEET 22.



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

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ Non-IMPACT ANCHOR LAYOUT	DATE				
	BY				
	REVISION DESCRIPTION				
	NO.				
DATE: 05/16/22	DWN BY: LMH	CHK BY:	SCALE: NTS		

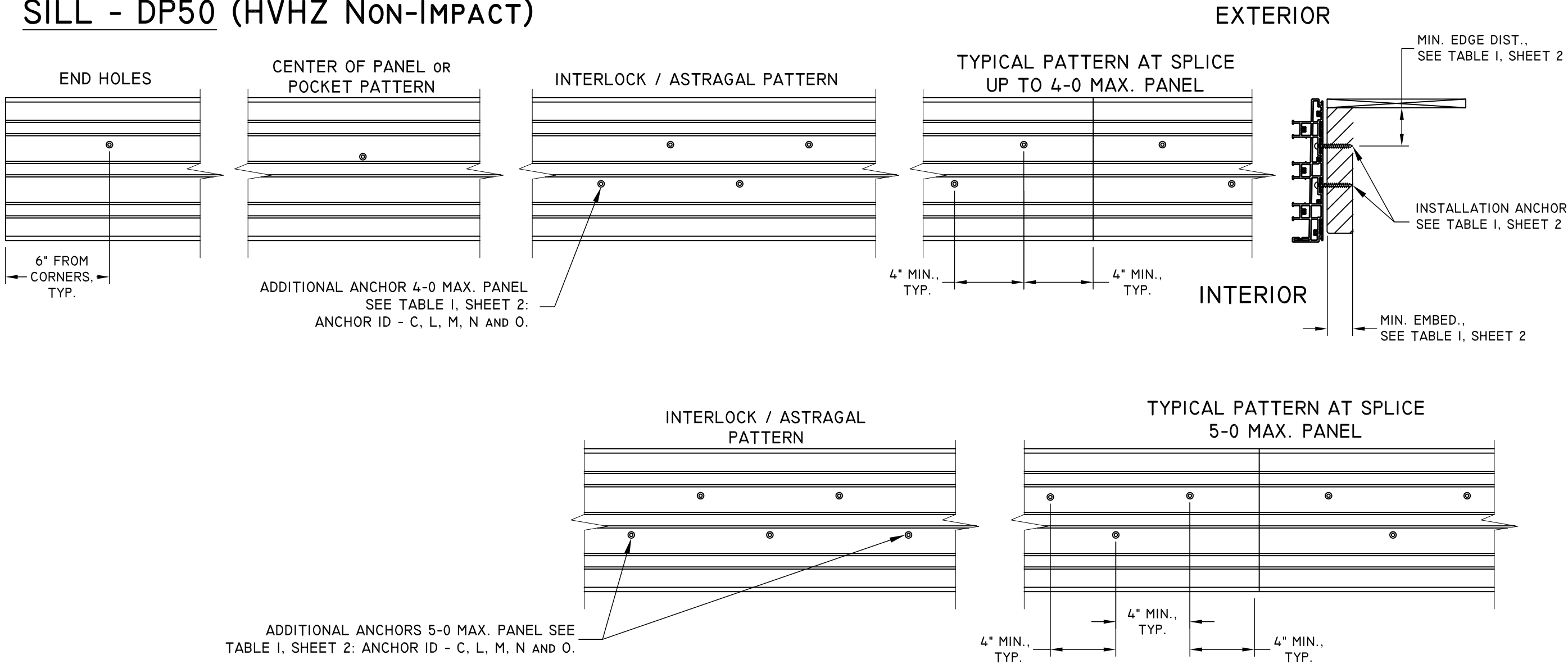


11/18/2022
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

FL#:	41795
DWG #:	IN0603
SHEET:	14 OF 24

3 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - SILL

SILL - DP50 (HVHZ Non-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 DETAILS, SEE SHEET 22.



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

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION			
	05/16/22	LMH				

DWN BY:	CHK BY:	SCALE:
LMH		NTS



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

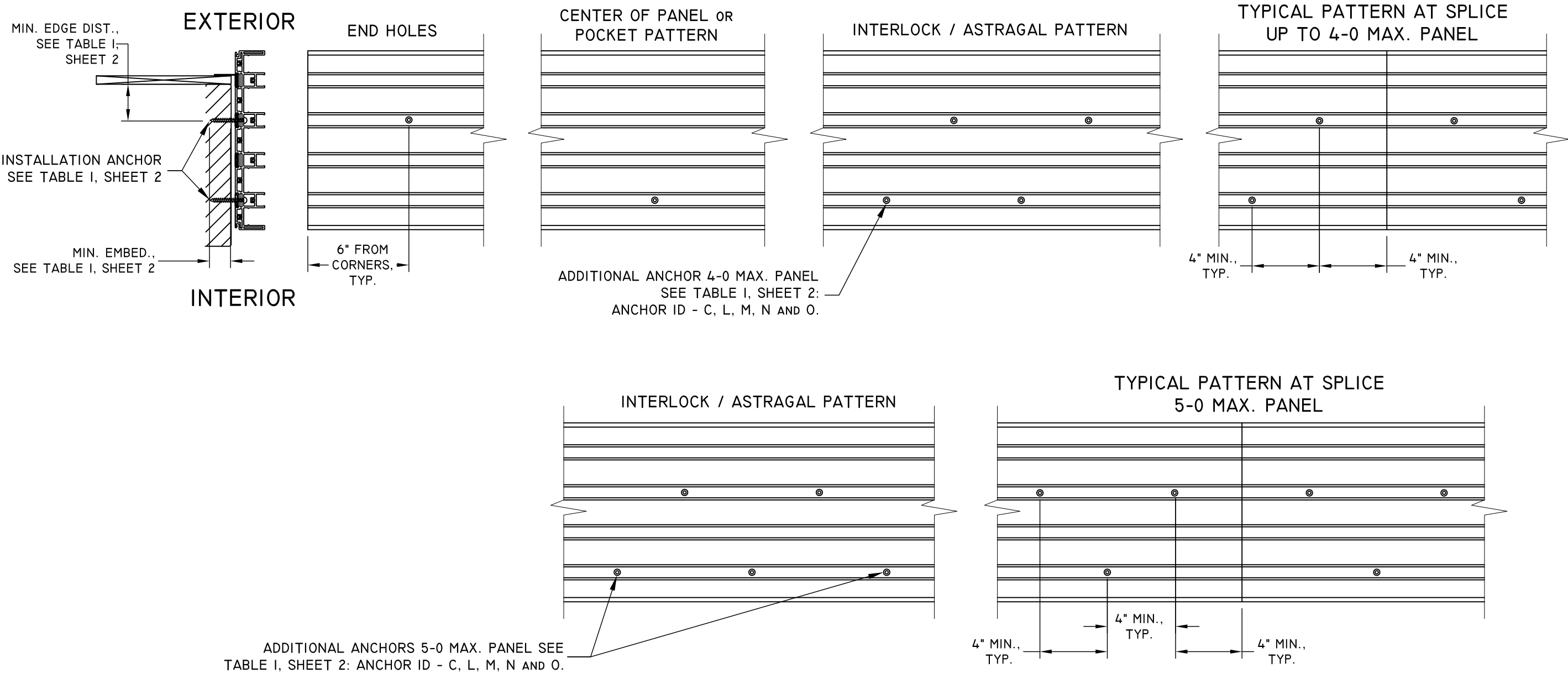
FL#: 41795

DWG #: IN0603

SHEET: 15 OF 24

4 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - HEAD

HEAD - DP50 (HVHZ Non-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. IX WOOD BUCK BY OTHERS IS OPTIONAL FOR MASONRY APPLICATIONS.
 4. 1/4" MAX. SHIM STACK.
 5. SPLICE DETAILS, SEE SHEET 22.



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

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ Non-IMPACT ANCHOR LAYOUT	DATE				
	BY				
	REVISION DESCRIPTION				
	NO.				
DATE: 05/16/22	DWN BY: LMH	CHK BY:	SCALE: NTS		



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

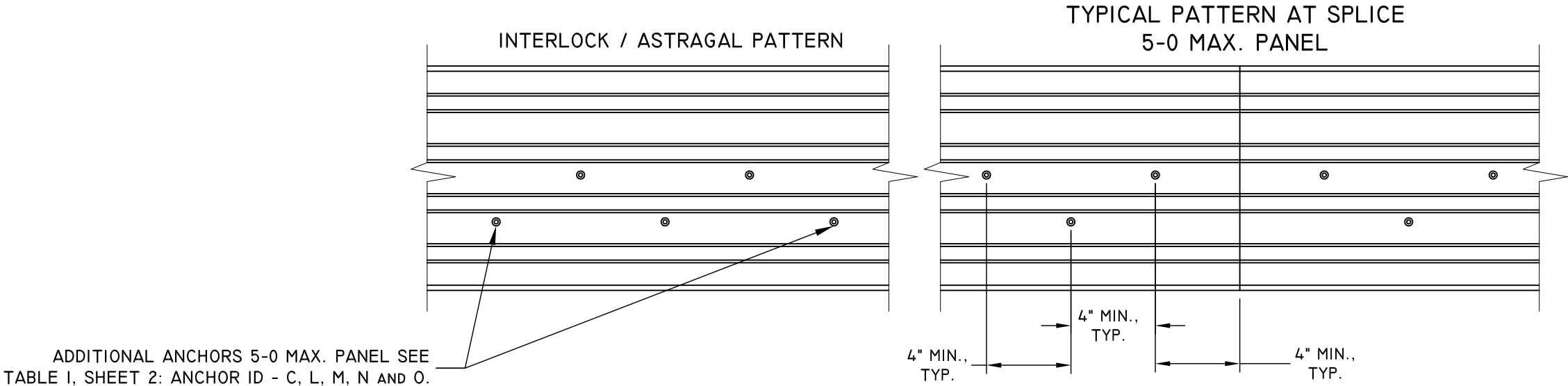
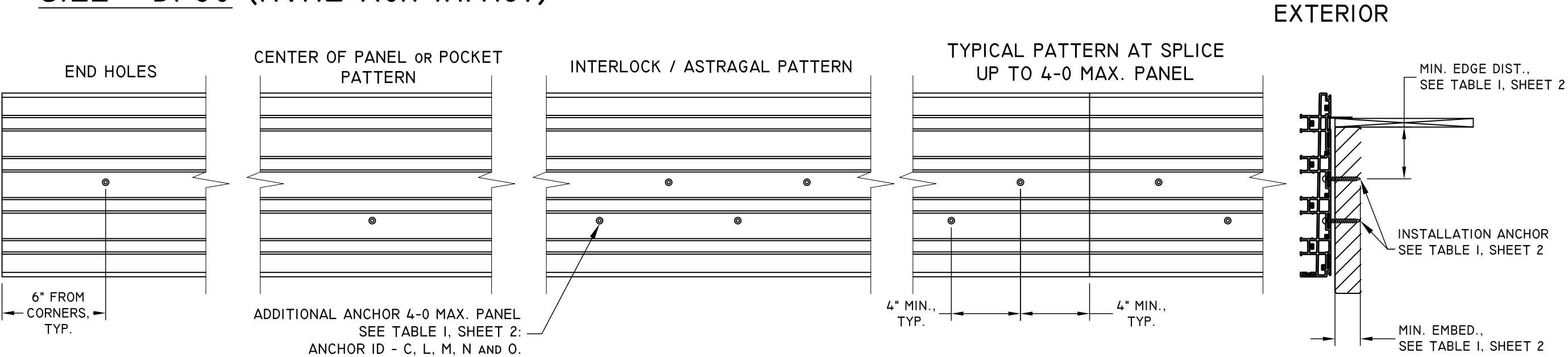
FL#: 41795

DWG #: IN0603

SHEET: 16 OF 24

4 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - SILL

SILL - DP50 (HVHZ Non-IMPACT)



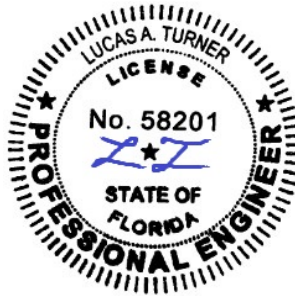
ADDITIONAL ANCHORS 5'-0" MAX. PANEL SEE TABLE I, SHEET 2: ANCHOR ID - C, L, M, N AND O.

- 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. IX WOOD BUCK BY OTHERS IS OPTIONAL FOR MASONRY APPLICATIONS.
 - 4. 1/4" MAX. SHIM STACK.
 - 5. SPLICE DETAILS, SEE SHEET 22.



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

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION		
	05/16/22	DWN BY: LMH	NO.		
		CHK BY:			
		SCALE: NTS			



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

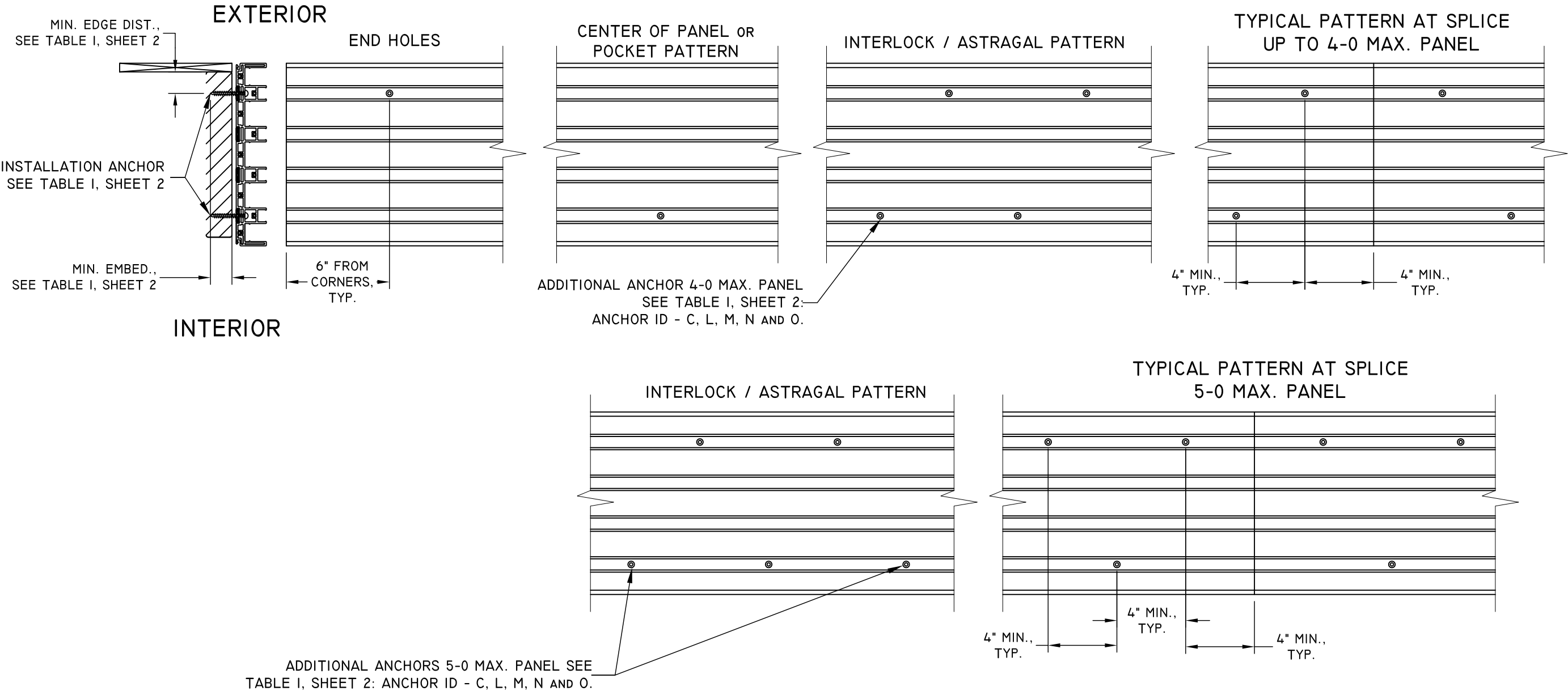
FL#: 41795

DWG #: IN0603

SHEET: 17 OF 24

4 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - HEAD

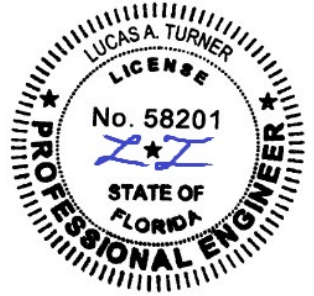
HEAD - DP50 (HVHZ Non-IMPACT)



- 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. IX WOOD BUCK BY OTHERS IS OPTIONAL FOR MASONRY APPLICATIONS.
 4. 1/4" MAX. SHIM STACK.
 5. SPLICE DETAILS, SEE SHEET 22.

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT ANCHOR LAYOUT	DATE				
	BY				
	REVISION DESCRIPTION				
	NO.				

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



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

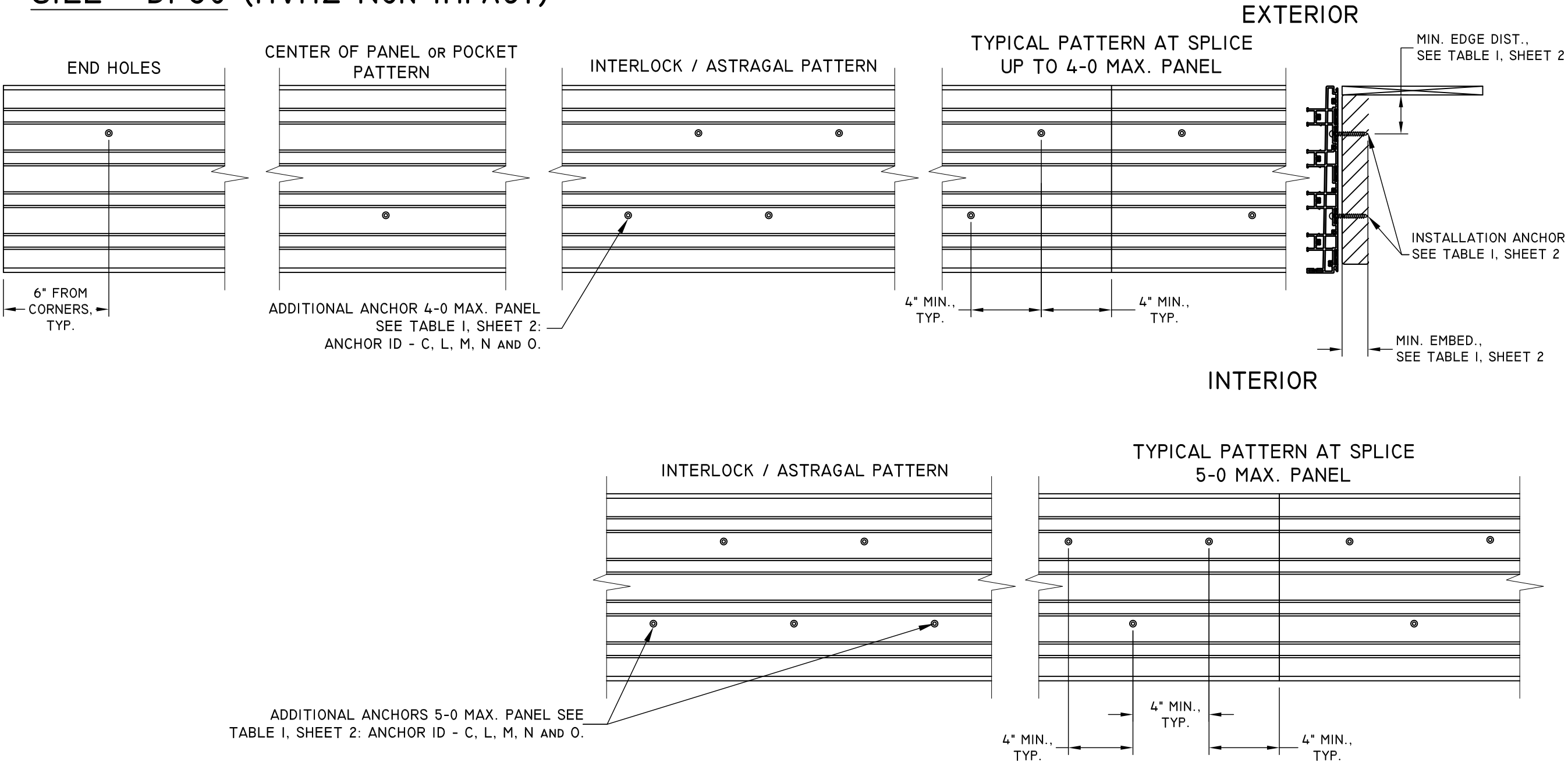
FL#: 41795

DWG #: IN0603

SHEET: 18 OF 24

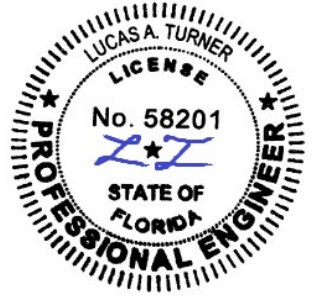
4 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - SILL

SILL - DP50 (HVHZ Non-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 DETAILS, SEE SHEET 22.

TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ Non-IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION		
	05/16/22	DWN BY: LMH	NO.		
		CHK BY:			
		SCALE: NTS			

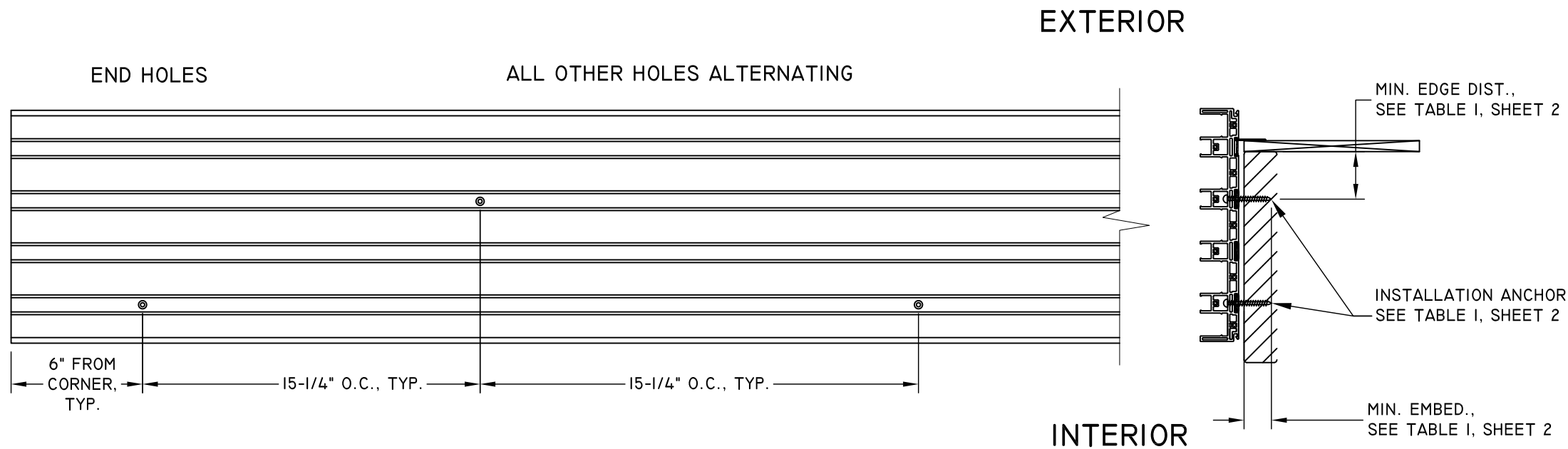


11/18/2022
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

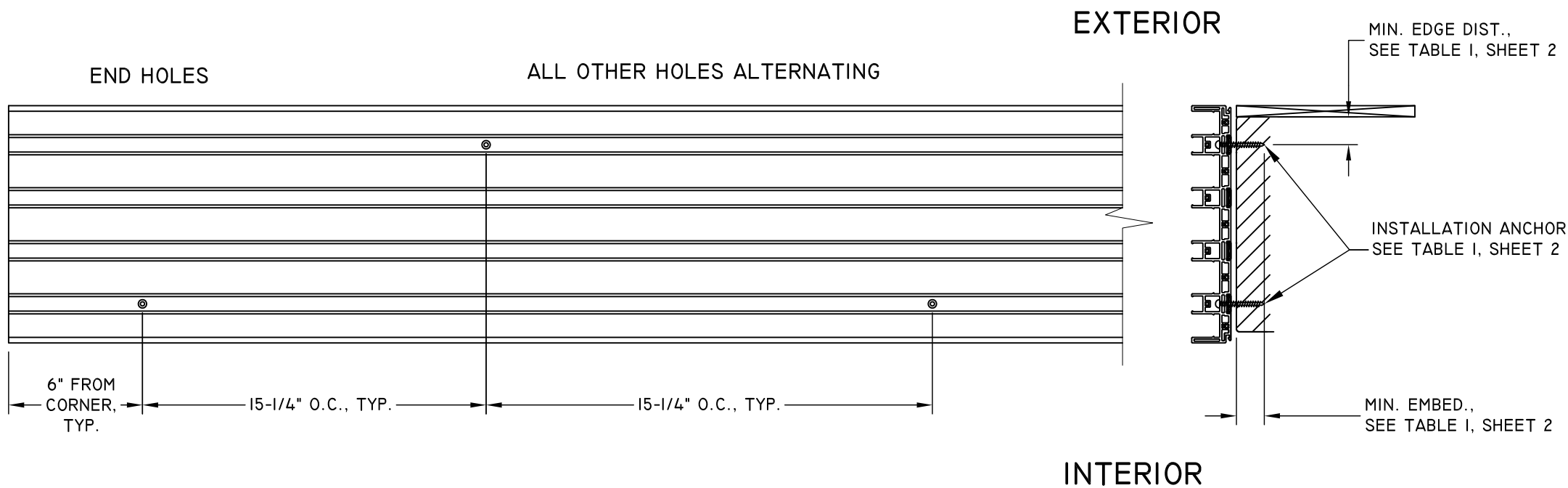
FL#:	41795
DWG #:	IN0603
SHEET:	19 OF 24

JAMBS - DP50 (HVHZ Non-IMPACT)

4 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - JAMBS



4 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - JAMBS



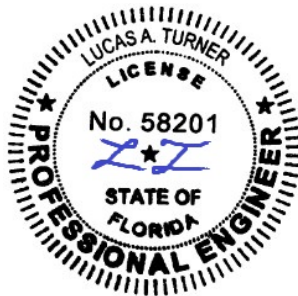
- NOTES:
- 1. INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
 - 2. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
 - 3. 1X WOOD BUCK BY OTHERS IS OPTIONAL FOR MASONRY APPLICATIONS.
 - 4. 1/4" MAX. SHIM STACK.



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

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION		

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



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

FL#: 41795

DWG #: IN0603

SHEET: 20 OF 24

P-HOOK ANCHOR LAYOUT

DETAIL E4
P-HOOK

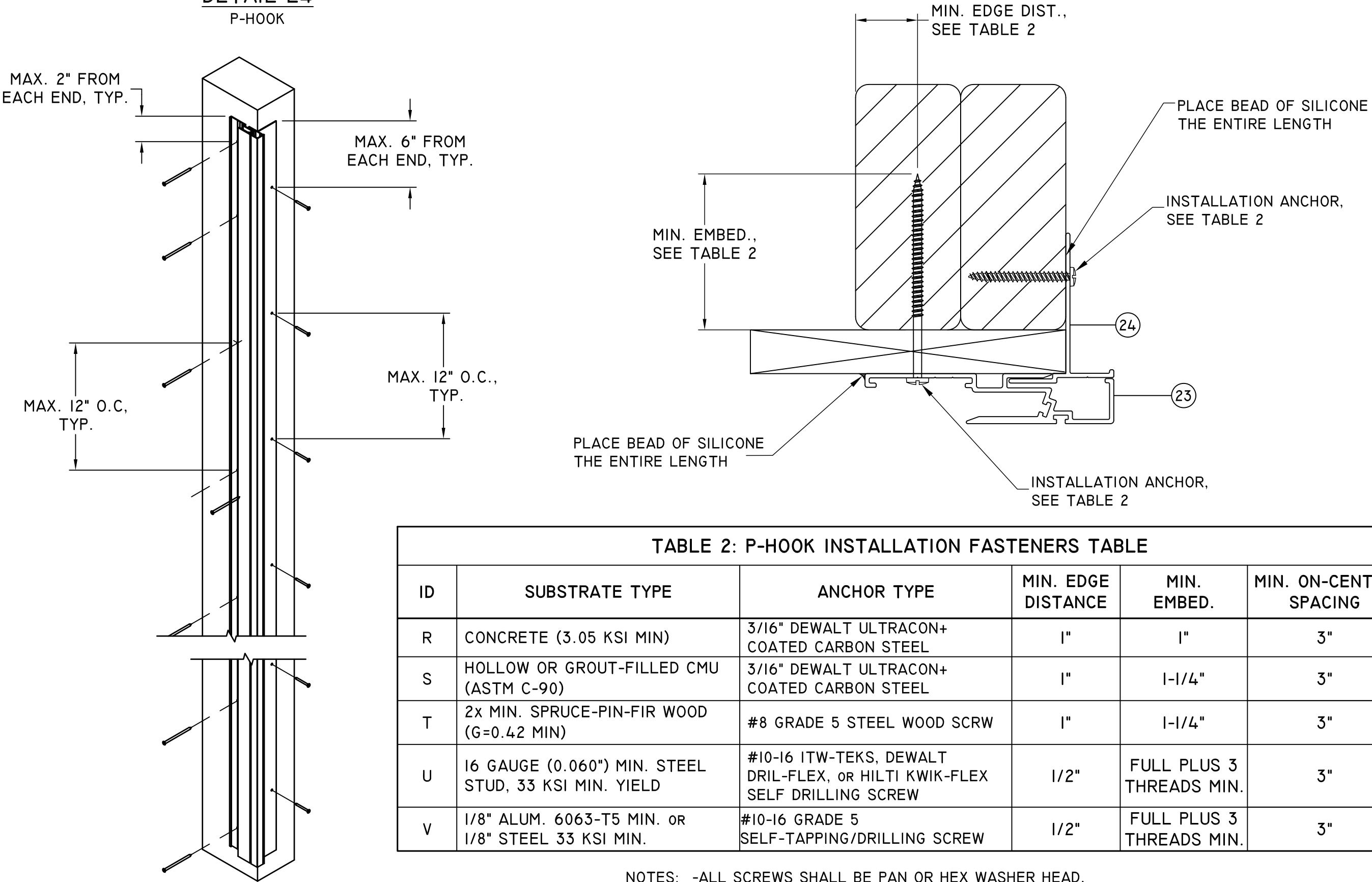
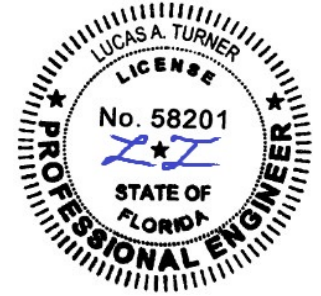


TABLE 2: P-HOOK INSTALLATION FASTENERS TABLE

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 HVHZ NON-IMPACT P-HOOK ANCHOR LAYOUT	DATE	BY	REVISION DESCRIPTION	NO.
	05/16/22	DWN BY: LMH		
		CHK BY:		
		SCALE: NTS		



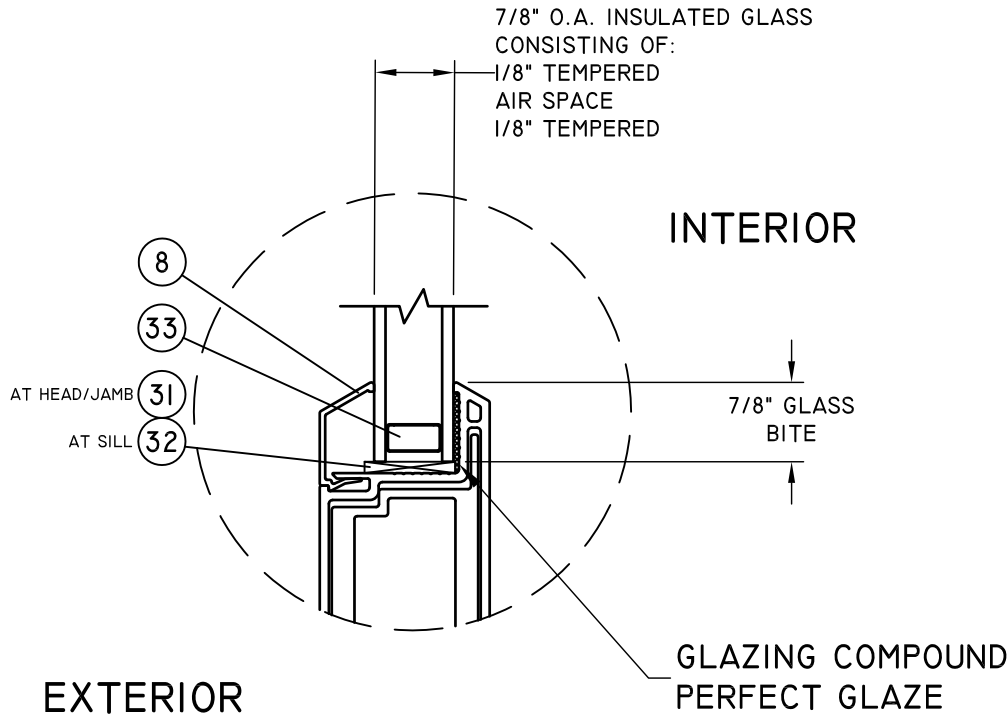
11/18/2022
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING & CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

FL#: **41795**

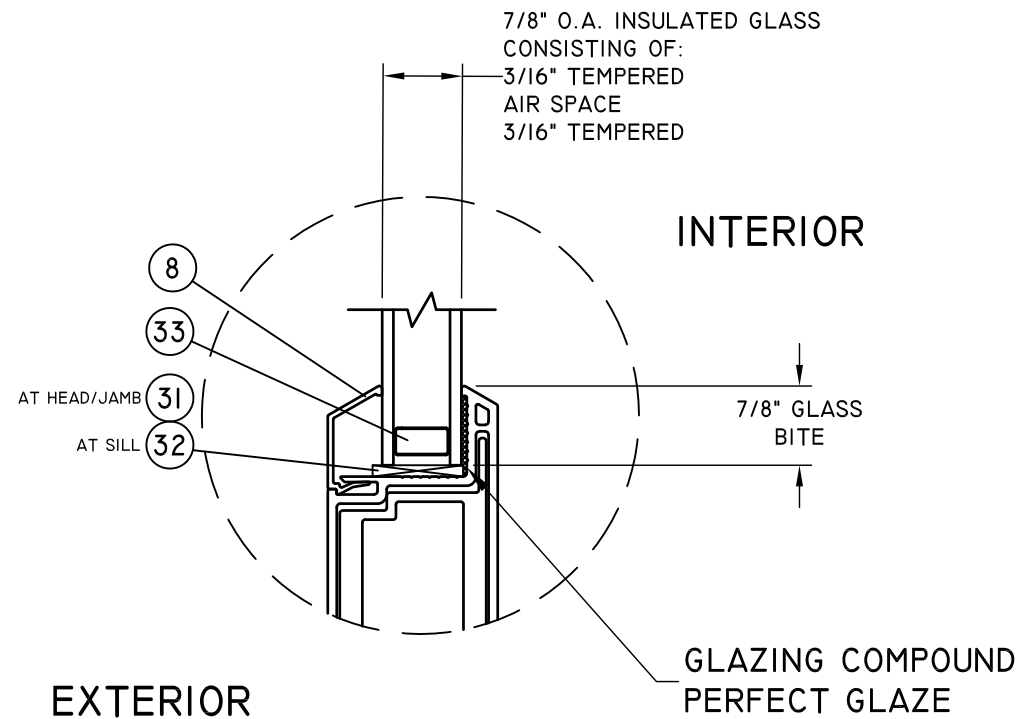
DWG #: **IN0603**

SHEET: **21 OF 24**

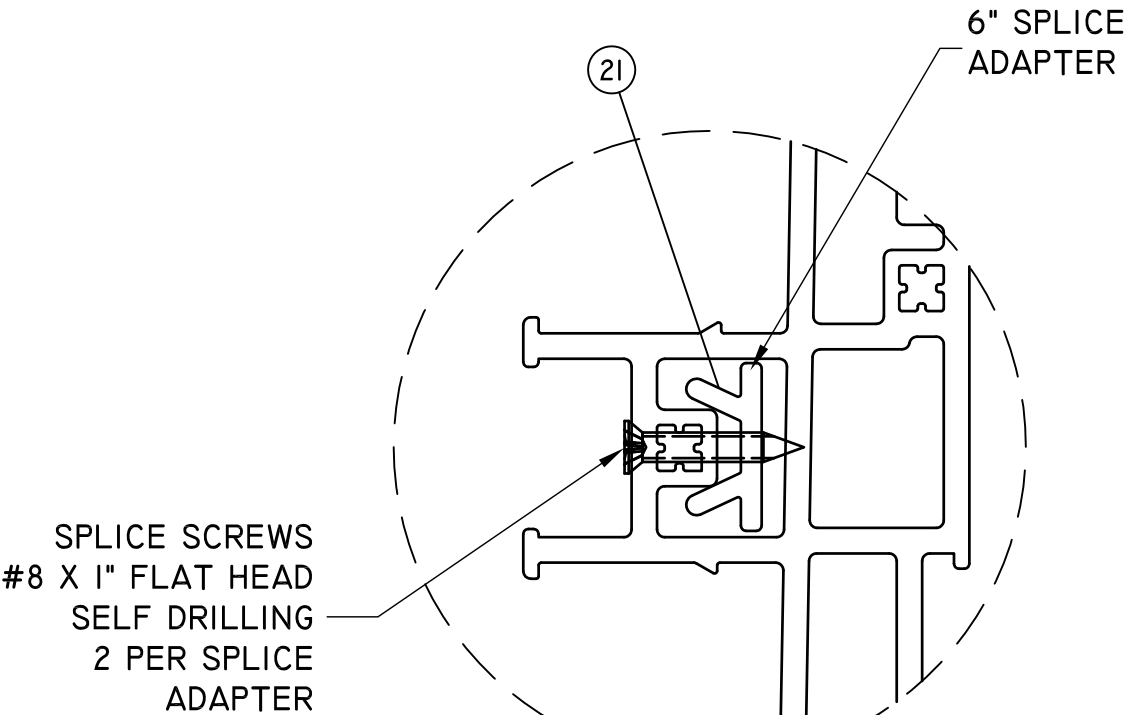
SPLICE DETAILS



GLAZING DETAIL 1

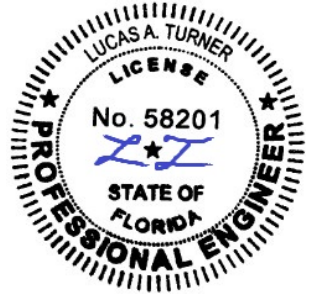


GLAZING DETAIL 2



APPLY SILICONE TO THE FACE OF FRAME
PROFILE BEFORE CONNECTING SPLICE.

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ NON-IMPACT GLAZING AND SPLICE DETAILS	DATE	DWN BY:	CHK BY:	SCALE:
	05/16/22	LMH		NTS
	NO.	REVISION DESCRIPTION	BY	DATE



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

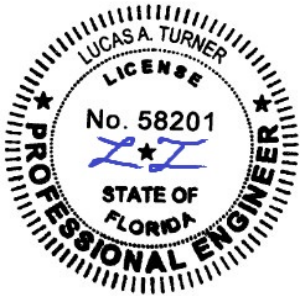
FL#: **41795**

DWG #: **IN0603**

SHEET: **22 OF 24**

BILL OF MATERIALS			
ITEM#	PART#	DESCRIPTION	MATERIAL
1	207973	2 TRACK HEAD & JAMB	PVC
2	207974	2 TRACK SILL	PVC
3	207975	3 TRACK HEAD & JAMB	PVC
4	207976	3 TRACK SILL	PVC
5	207977	4 TRACK HEAD & JAMB	PVC
6	207978	4 TRACK SILL	PVC
7	207979	HEAD & JAMB FILLER	PVC
8	207981	GLAZING BEAD .875" IG	PVC
9	207983	SILL COVER	PVC
10	207982	INTERLOCK	PVC
11	207980	ASTRAGAL	PVC
12	207984	PANEL STILE & RAIL	PVC
13	230315	NAIL FIN	6063-T6 ALUMINUM
14	230316	FRAME ANCHOR PLATE	6063-T6 ALUMINUM
15	230317	ROLLER TRACK	6063-T6 ALUMINUM
16	230318	ASTRAGAL REINFORCEMENT	6063-T6 ALUMINUM
17	230319	RAIL REINFORCEMENT	6063-T6 ALUMINUM
18	230320	STILE REINFORCEMENT .125"	6063-T6 ALUMINUM
19	230322	STILE REINFORCEMENT .375"	6063-T6 ALUMINUM
20	230324	1-3/4" SILL RISER 50	6063-T6 ALUMINUM
21	230198	SPLICER ADAPTER	6063-T6 ALUMINUM
22	240016	FIXED PANEL CLIP	6063-T6 ALUMINUM
23	230332	P-HOOK	6063-T6 ALUMINUM
24	230333	POCKET DOOR T-BASE	6063-T6 ALUMINUM
25	420098	SILL TRACK COVER	SS
26	610027	PERFECT GLAZE HOT MELT BACK-BEDDING	
27	600162	.187 x .370 WEATHERSTRIP PILE	
28	600161	.187 x .300 WEATHERSTRIP PILE	
29	440184	#12 x 1" PHIL PH 18-8 SELF DRILLING SCREW	SS
30	440199	#12 x 1" PH PH SS SCREW PAINTED	SS
31	620055	1/16" X 1-1/16" X 2" SETTING BLOCK	NEOPRENE
32	620056	1/8" X 1-1/16" X 2" SETTING BLOCK	NEOPRENE
33		QUANEX SUPER SPACER PREMIUM	

TITLE: MAXVIEW MULTI-SLIDE PATIO Door HVHZ Non-IMPACT BILL OF MATERIALS	DATE	BY	REVISION DESCRIPTION			
	05/16/22					
	DWN BY:					
	LMH					
	CHK BY:					
	SCALE:					
	NTS					

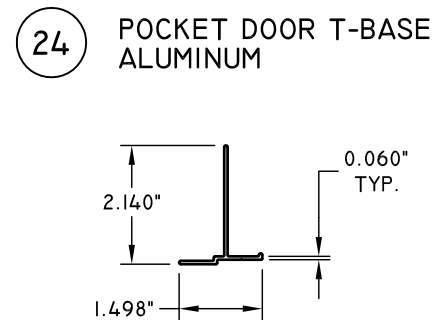
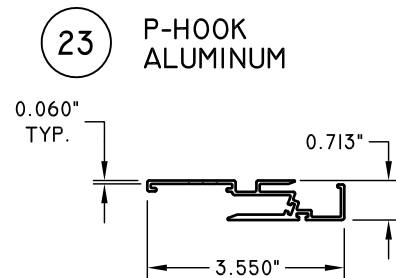
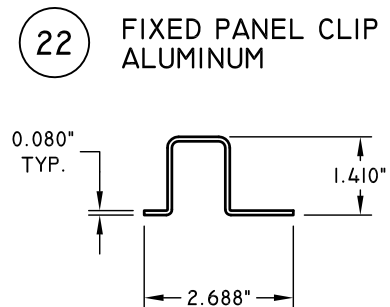
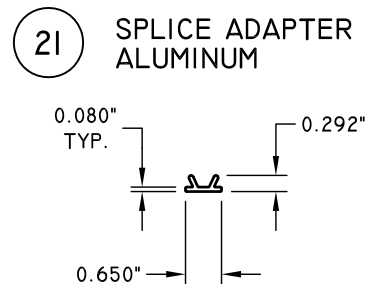
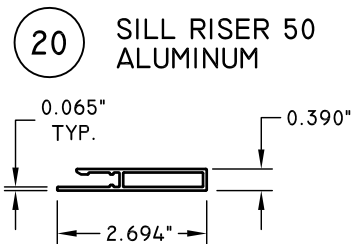
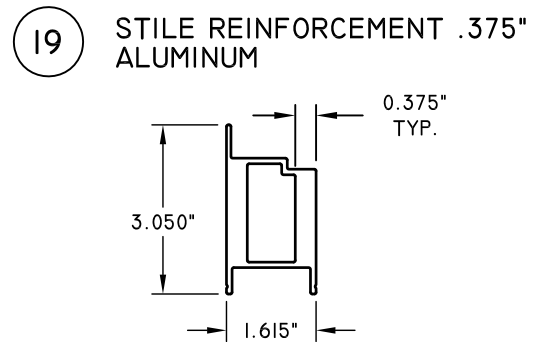
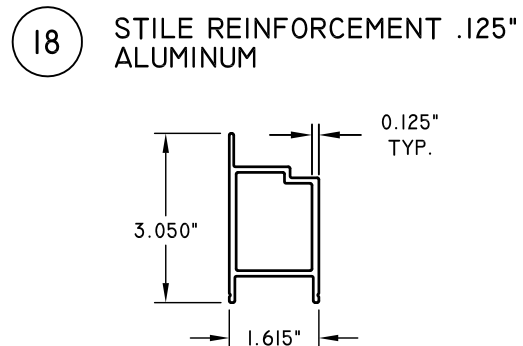
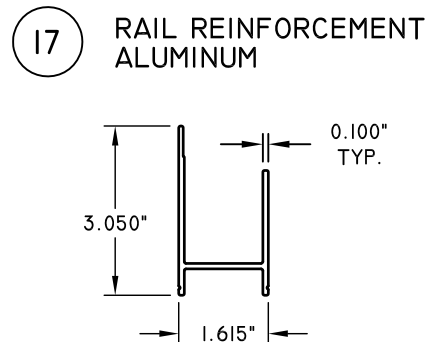
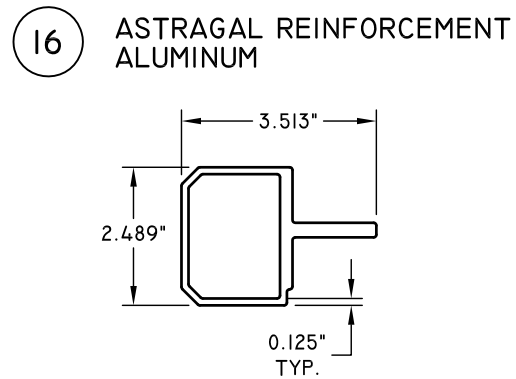
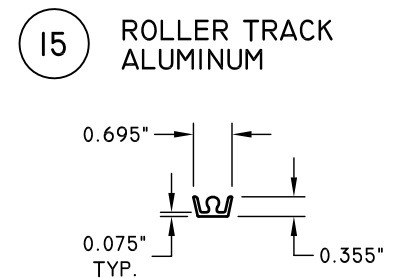
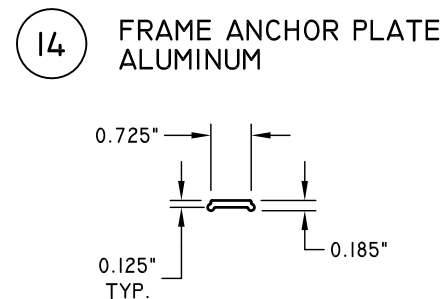
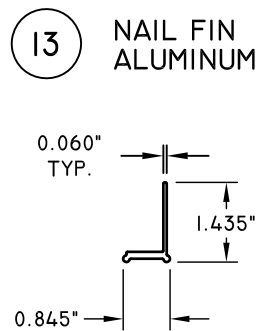
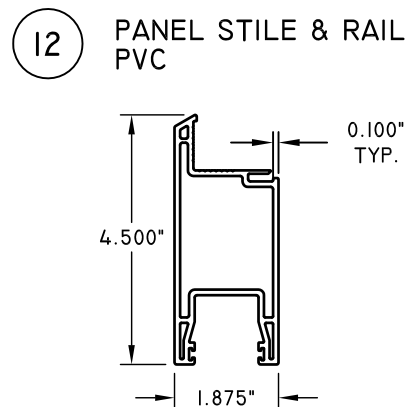
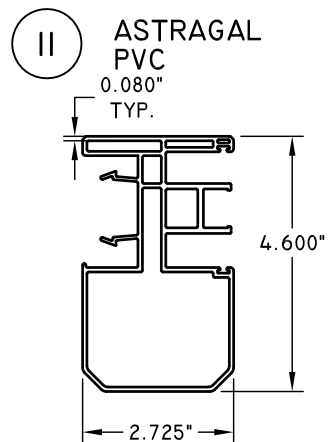
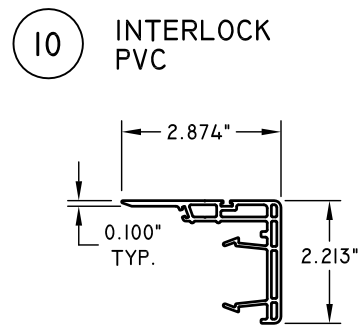
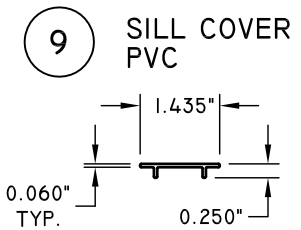
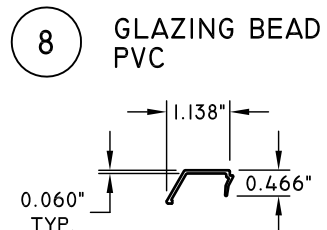
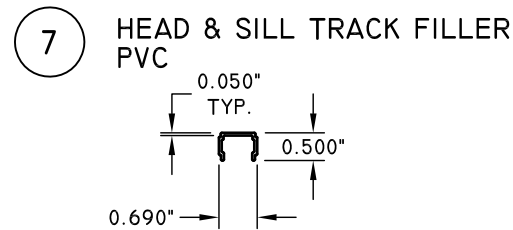
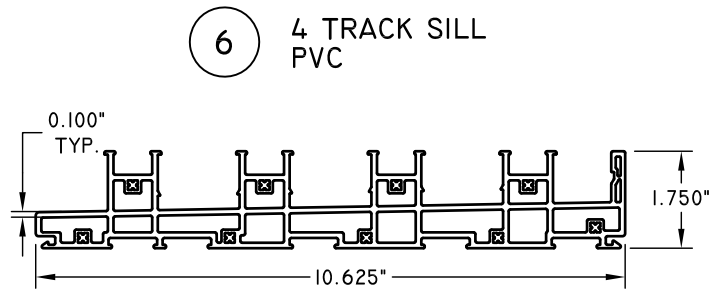
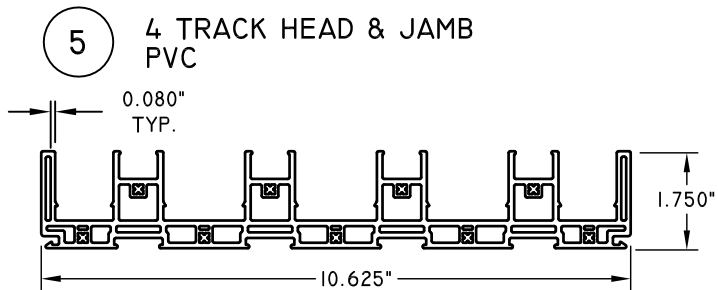
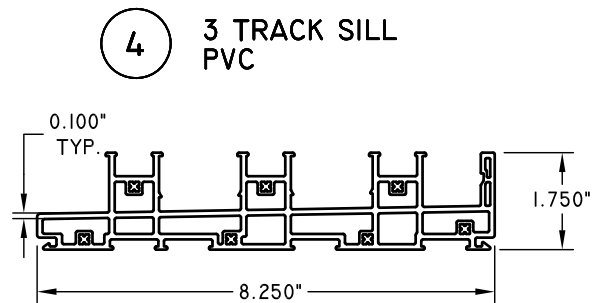
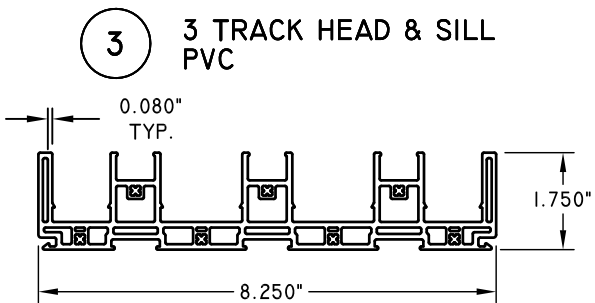
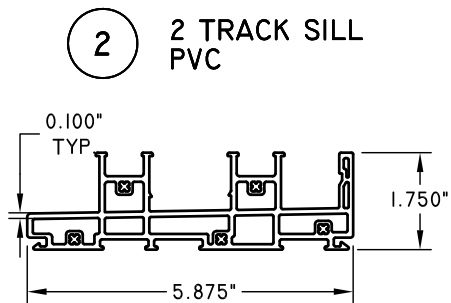
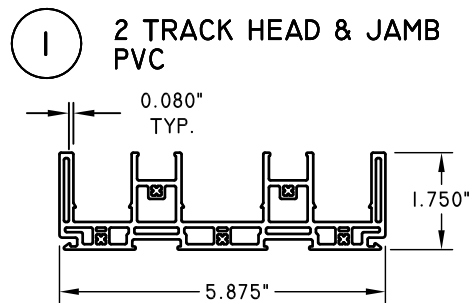


11/18/2022
LUCAS A. TURNER, P.E.
FL PE # 58201
TURNER ENGINEERING &
CONSULTING, INC.
(COA # 29779)
2428 OLD NATCHEZ TRACE
TRAIL, CAMDEN, TN 38320
PH. 941-380-1574

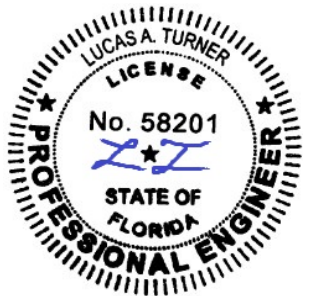
FL#: 41795

DWG #: IN0603

SHEET: 23 OF 24



TITLE: MAXVIEW MULTI-SLIDE PATIO DOOR HVHZ NON-IMPACT COMPONENTS	DATE				
	BY				
	REVISION DESCRIPTION				
	NO.				
DATE: 05/16/22	DWN BY: LMH	CHK BY:	SCALE: NTS		



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

FL#: **41795**

DWG #: **IN0603**

SHEET: **24 OF 24**