

# PLY GEM WINDOWS *PERSPECTIVE Multi-Slide Patio Door (HVHZ IMPACT)*

**Ply Gem**  
WINDOWS & DOORS  
Part of the Cornerstone Building Brands Family  
433 N. MAIN ST.,  
PO BOX 559,  
ROCKY MOUNT, VA 24151  
PH: 540-484-6348  
FX: 540-484-6683

**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 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 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 PLY GEM 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 11835.06/10/11/12/13/14/15/17/18/19/22-106-II-R0, 11835.02/16-106-II-RI, 11835.05/07-106-II-R2 AND 11835.03-106-12-RI BY MOLIMO ARCHITECTURAL 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	MIN. SILL RISER	INSTALLATION METHOD
WIDTH	HEIGHT				
281"	120"	LC-PG60	+60/-65 PSF	1-3/4"	NAIL FIN OR THROUGH FRAME

PANEL SIZE CHART				
PANEL CALL SIZE	PANEL MAX. SIZE	D.L.O.		GLAZING DETAIL TYPE
		WIDTH	HEIGHT	
3-0 10-0	37-1/8" x 117-1/8"	28-1/8"	108-1/16"	1 OR 2
4-0 10-0	49-1/8" X 117-1/8"	40-1/8"	108-1/16"	1 OR 2

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TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT SIZE CHART, PANEL SIZE CHART & GENERAL NOTES	DATE				
	BY				
	REVISION DESCRIPTION				
	NO.				
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS		



12/13/2023  
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#: **41161**  
DWG #: **PGW344**  
SHEET: **1 OF 28**

# PERFORMANCE GRADE LC-PG60 (+60/-65) HVHZ IMPACT

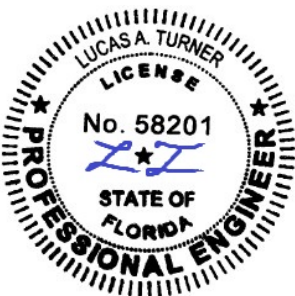
## TABLE I: INSTALLATION FASTENERS TABLE

ID	FRAME LOCATION	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EDGE DISTANCE	MIN. EMBED.	MIN. ON CENTER SPACING	PANEL WIDTH					
							UP TO 3-0 x 10-0 MAX.		UP TO 4-0 x 10-0 MAX.		UP TO 5-0 x 10-0 MAX.	
							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	16-3/4"	4	16-3/4"	N/A	
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	14-3/4"	N/A	14-3/4"	N/A	
C	HEAD/SILL/JAMB	CONCRETE (3.05 KSI MIN.)	1/4" DEWALT ULTRACON+, COATED CARBON STEEL	1"	1-3/8"	4"	5	14-3/4"	7	14-3/4"	N/A	
D	HEAD/SILL/JAMB	CONCRETE (3.05 KSI MIN.)	1/4" DEWALT ULTRACON+, COATED CARBON STEEL	2-1/2"	1-3/8"	4"	3	16-3/4"	4	16-3/4"	N/A	
E	JAMBS ONLY	HOLLOW CMU (ASTM C-90)	1/4" DEWALT ULTRACON+, COATED CARBON STEEL	1"	1-1/4"	3"	N/A	14-3/4"	N/A	14-3/4"	N/A	
F	JAMBS ONLY	HOLLOW CMU (ASTM C-90)	1/4" DEWALT ULTRACON+, COATED CARBON STEEL	2-1/2"	1-1/4"	3"	N/A	16-3/4"	N/A	16-3/4"	N/A	
G	JAMBS ONLY	GROUT-FILLED CMU (ASTM C-90)	1/4" DEWALT ULTRACON+, COATED CARBON STEEL	1"	1-1/4"	4"	N/A	16-3/4"	N/A	16-3/4"	N/A	
H	HEAD/SILL/JAMB	CONCRETE (3 KSI MIN.)	1/4" HILTI KWIK-CON+, COATED CARBON STEEL	2-1/2"	1"	2"	3	16-3/4"	4	16-3/4"	N/A	
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	16-3/4"	N/A	16-3/4"	N/A	
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	16-3/4"	7	16-3/4"	N/A	
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	16-3/4"	N/A	16-3/4"	N/A	
L	HEAD/SILL/JAMB	2X MIN. SPRUCE-PINE-FIR WOOD (G>=0.42)	#12 GRADE 5 WOOD SCREW	3/4"	1-1/2"	3"	5	16"	7	16"	N/A	
M	HEAD/SILL/JAMB	2X MIN. SOUTHERN PINE WOOD (G>=0.55)	#12 GRADE 5 WOOD SCREW	3/4"	1-1/2"	3"	5	16"	7	16"	N/A	
N	HEAD/SILL/JAMB	2X MIN. SPRUCE-PINE-FIR WOOD (G>=0.42)	1/4" MASONRY FASTENERS AS LISTED IN THIS TABLE	1"	1-1/2"	3"	5	16"	7	16"	N/A	
O	HEAD/SILL/JAMB	2X MIN. SOUTHERN PINE WOOD (G>=0.55)	1/4" MASONRY FASTENERS AS LISTED IN THIS TABLE	1"	1-1/2"	3"	5	16"	7	16"	N/A	
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"	5	16-3/4"	7	16-3/4"	N/A	
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"	5	16-3/4"	7	16-3/4"	N/A	

NOTES: -ALL SCREWS SHALL BE PAN OR HEX WASHER HEAD.  
 -PRE-DRILLING FOR ANCHORS INTO WOOD IS RECOMMENDED.  
 -SEE SHEET 25 FOR P-HOOK DETAILS.  
 -CONCRETE/MASONRY SHALL NOT BE CRACKED.

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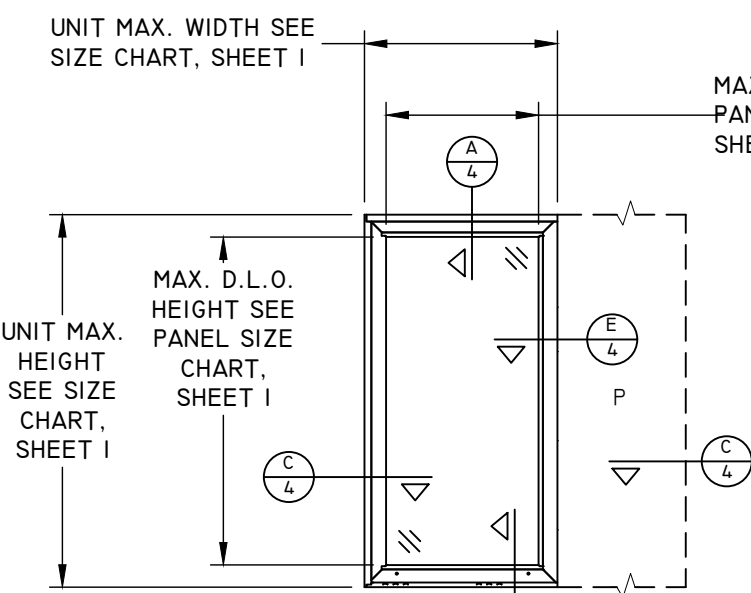
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	BY			
	REVISION DESCRIPTION			
NO.				
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



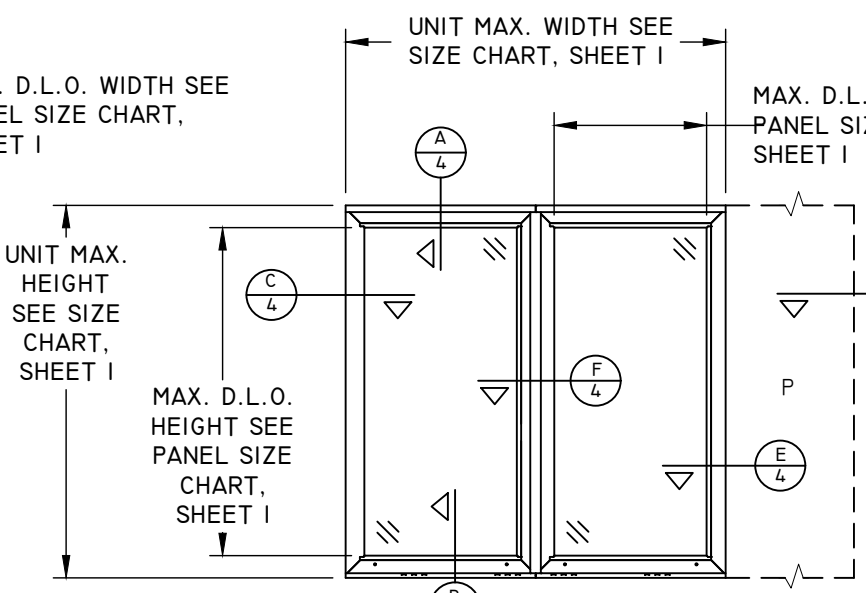
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 FL PE # 58201  
 TURNER ENGINEERING &  
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 2428 OLD NATCHEZ TRACE  
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FL#: **41161**  
 DWG #: **PGW344**  
 SHEET: **2 OF 28**

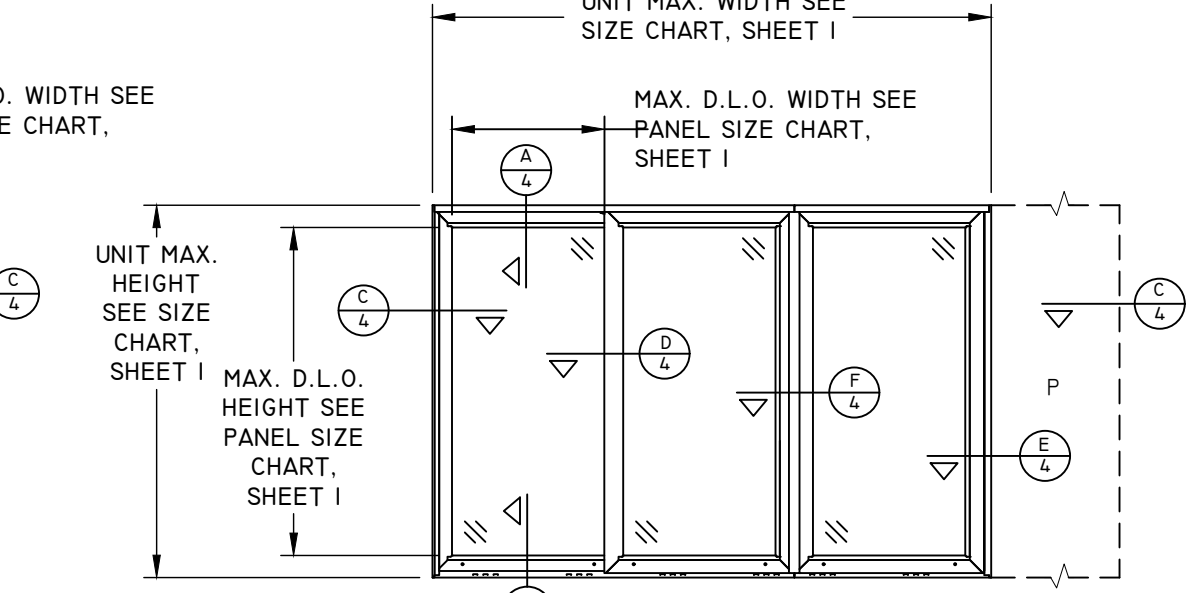
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	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



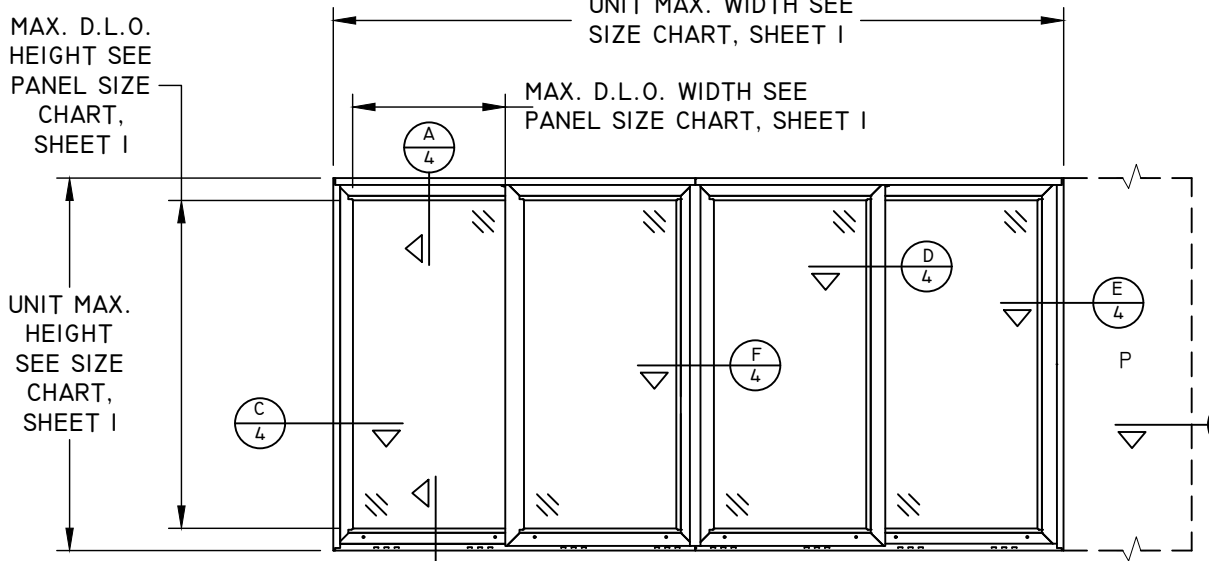
**TYPICAL ELEVATION**  
XP or PX



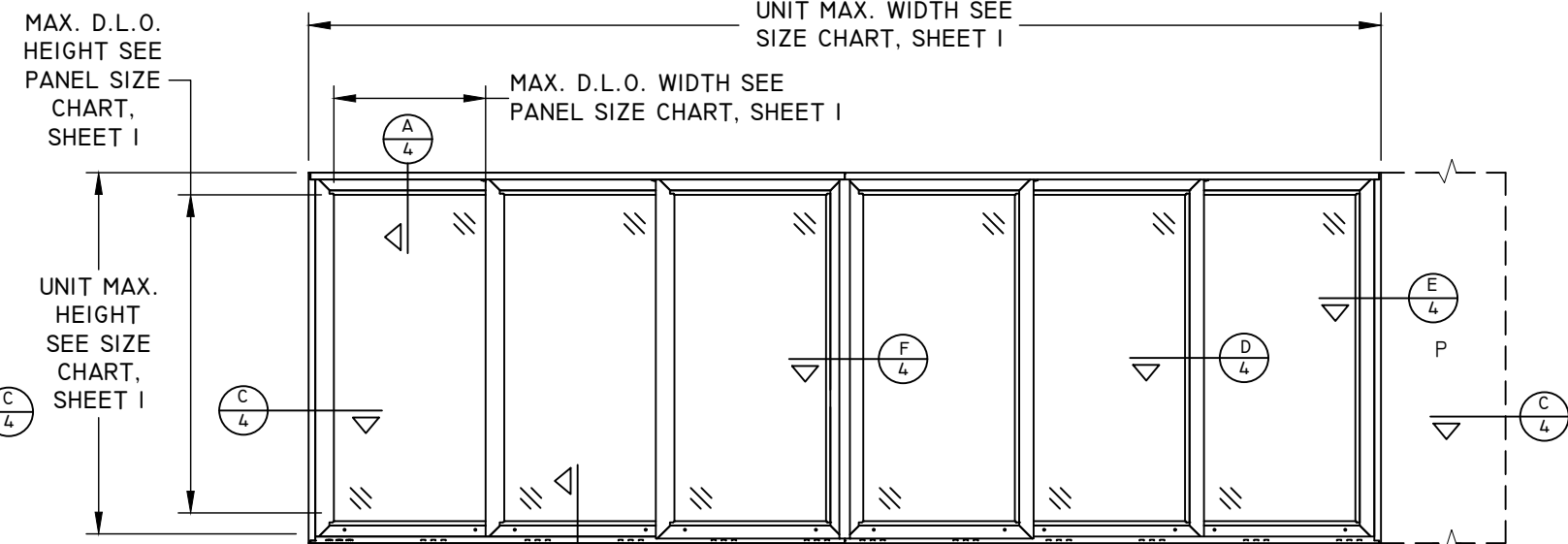
**TYPICAL ELEVATION**  
XO, OX, XX, PXX, XXP or PX-XP



**TYPICAL ELEVATION**  
XXXXP, PXXX, XXXL, XXO, OXX, OX-O or O-XO



**TYPICAL ELEVATION**  
XXXXP, PXXX, XXXL, XXXO, OXXX, PXX-XXP or OX-XO



**TYPICAL ELEVATION**  
OXX-XXO or PXXX-XXXX

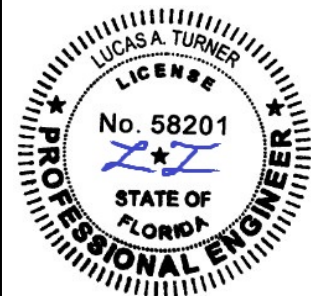
2 TRACK CONFIGURATIONS		
CONFIGURATION	# OF TRACKS	# OF PANELS
XP	2	1
PX	2	1
XXP	2	2
PXX	2	2
XX	2	2
XO	2	2
OX	2	2
PX-XP	2	2
OX-O	2	3
O-XO	2	3
PXX-XXP	2	4
OX-XO	2	4

3 TRACK CONFIGURATIONS		
CONFIGURATION	# OF TRACKS	# OF PANELS
XXXXP	3	3
PXXX	3	3
XXX	3	3
XXO	3	3
OXX	3	3
PXXX-XXXXP	3	6
OXX-XXO	3	6

4 TRACK CONFIGURATIONS		
CONFIGURATION	# OF TRACKS	# OF PANELS
XXXXP	4	4
PXXX	4	4
XXXX	4	4
XXXO	4	4
OXXX	4	4

CONFIGURATION NOTES	
CODE	PANEL TYPE
O	FIXED PANEL
X	OPERATING PANEL
P	POCKET
-	BI-PARTING

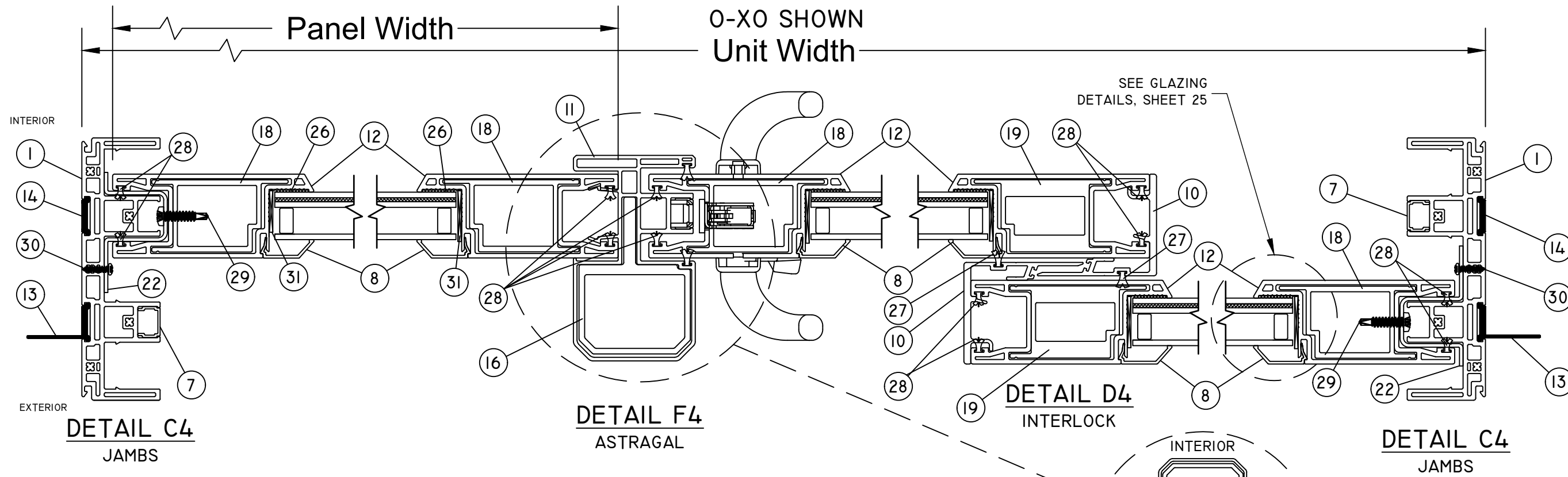
**CONFIGURATION NOTES:**  
- ALL CONFIGURATIONS ARE AVAILABLE WITH POCKET AT EITHER OR BOTH JAMB LOCATIONS.



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FL#: **41161**  
DWG #: **PGW344**  
SHEET: **3 OF 28**

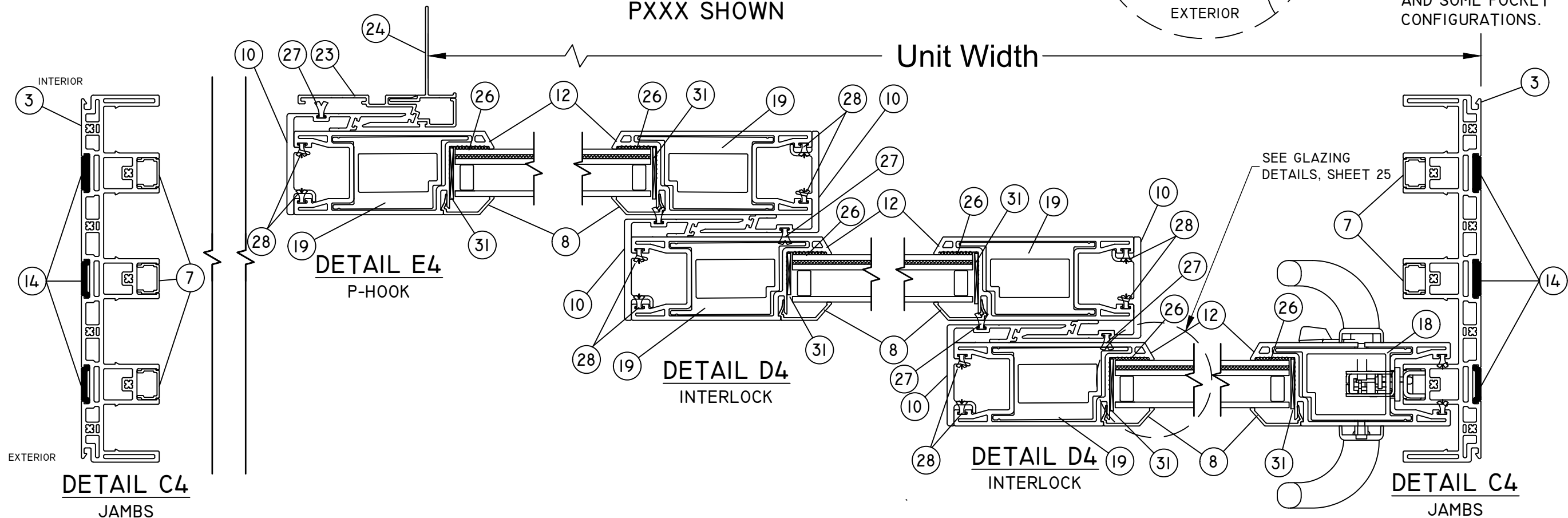
# HORIZONTAL SECTION



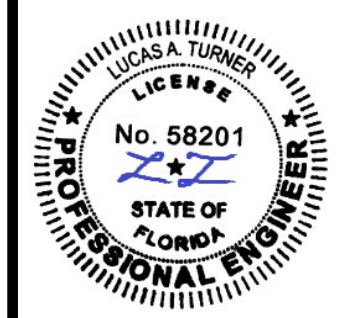
## DP60 (+60/-65) HVHZ IMPACT

# HORIZONTAL SECTION

PXXX SHOWN



TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT HORIZONTAL SECTION DETAILS	DATE			
	BY			
	REVISION DESCRIPTION			
NO.				
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	

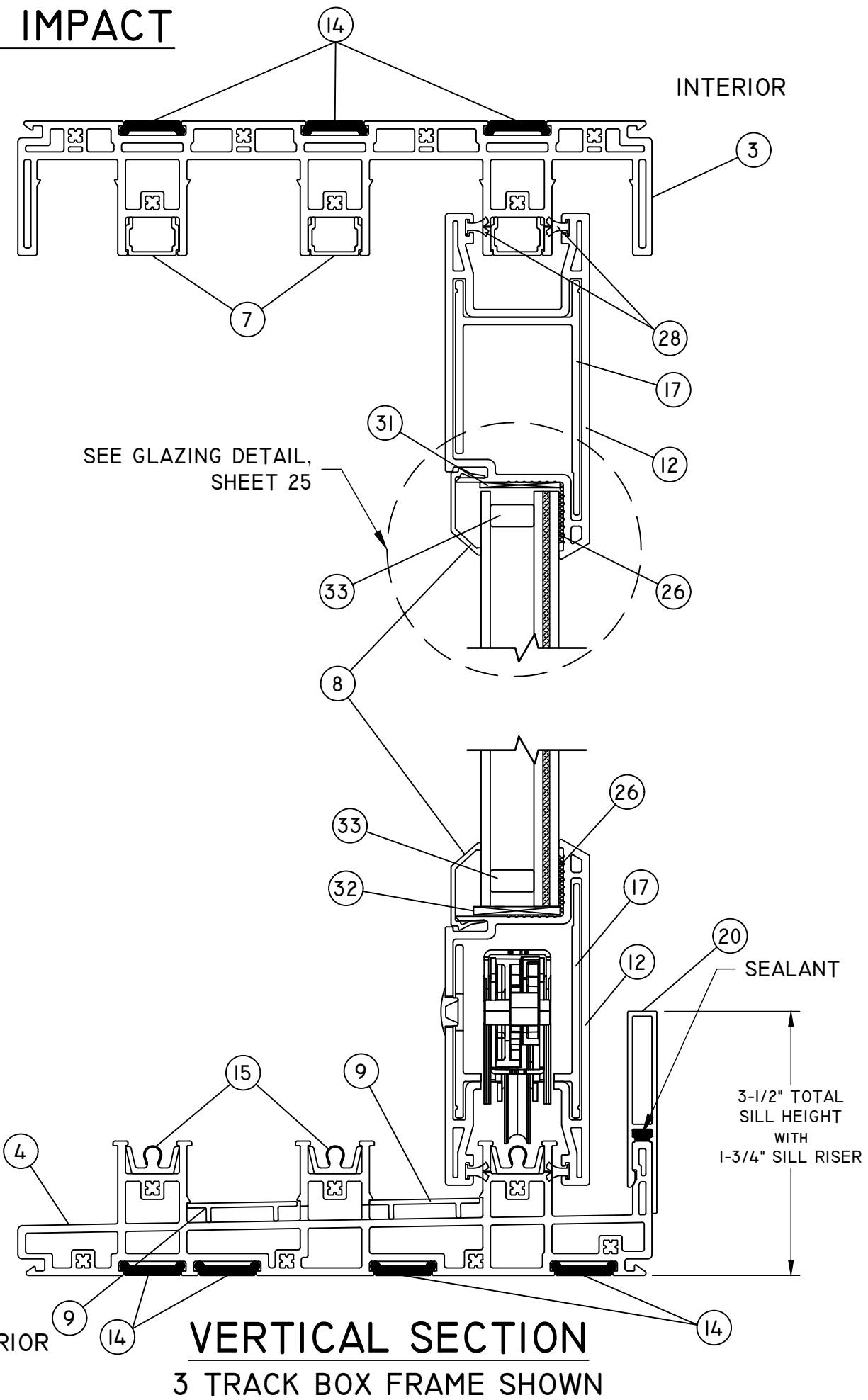
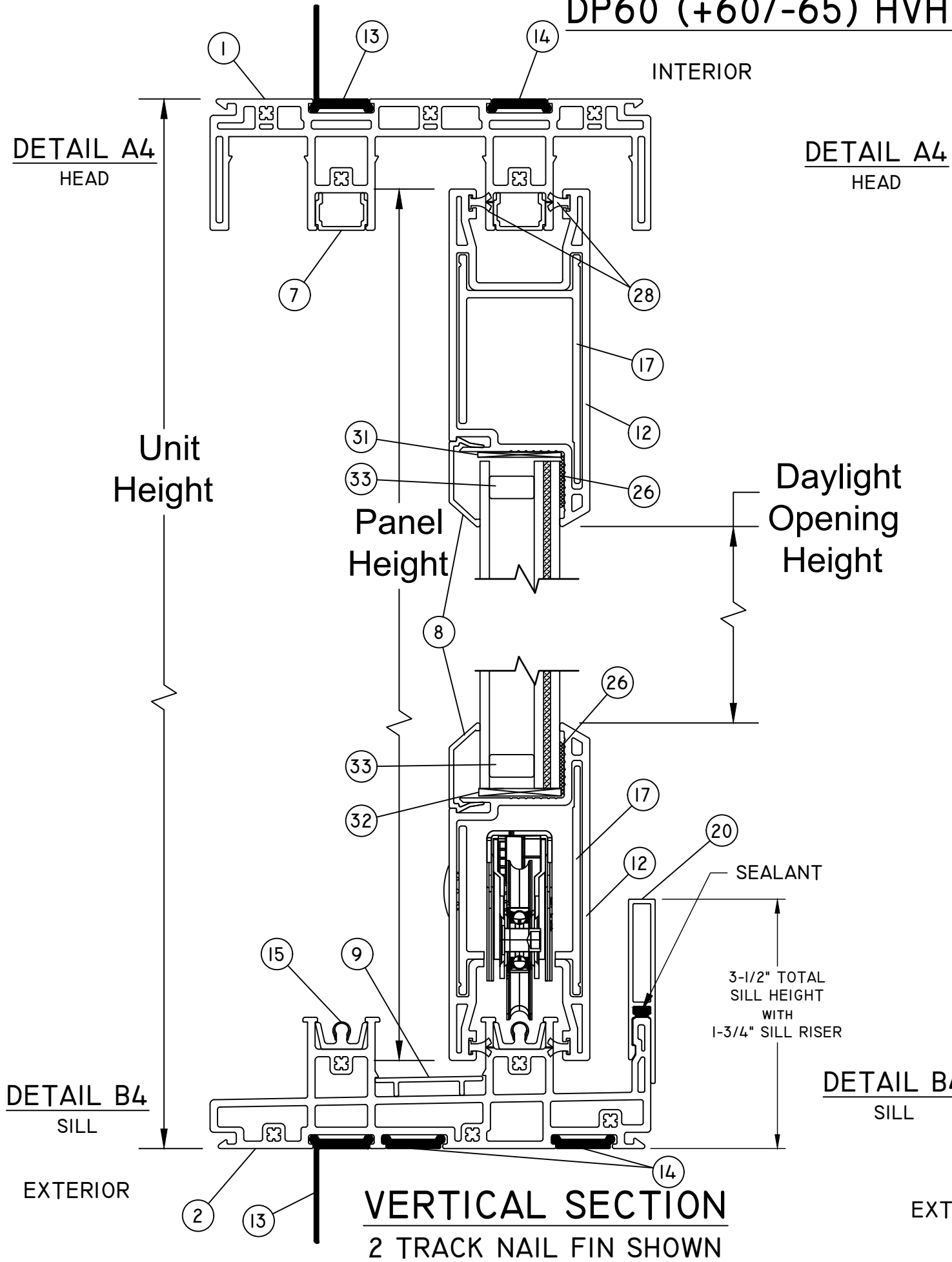


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PH. 941-380-1574

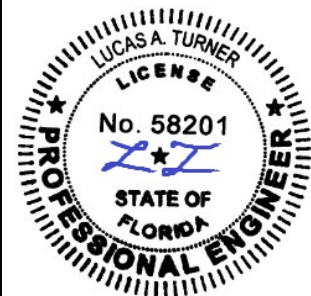
FL#: **41161**  
DWG #: **PGW344**  
SHEET: **4 OF 28**

ASTRAGAL MAY BE MOUNTED TO INTERIOR ON REVERSE STACK AND SOME POCKET CONFIGURATIONS.

# DP60 (+60/-65) HVHZ IMPACT



TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT VERTICAL SECTION DETAILS	DATE			
	BY			
	REVISION DESCRIPTION			
NO.				
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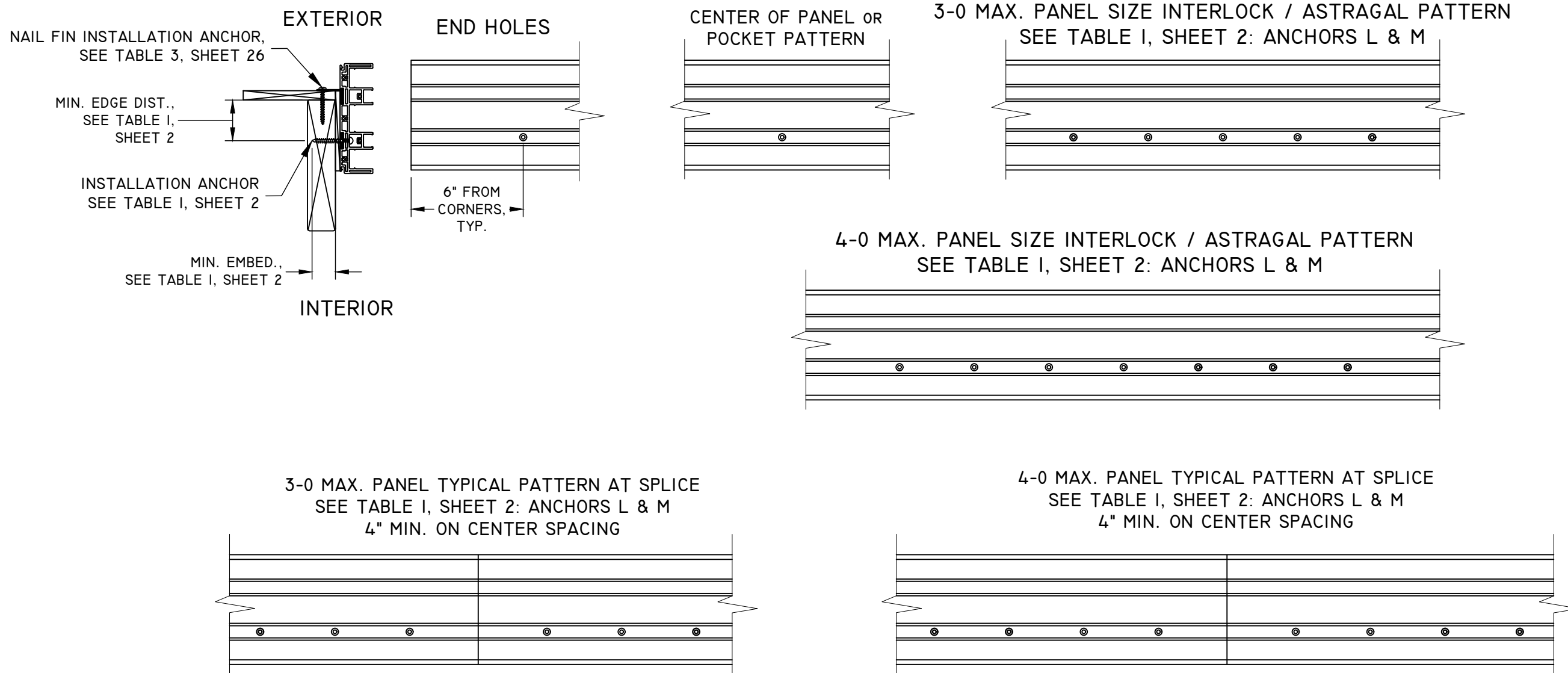
FL#: **41161**

DWG #: **PGW344**

SHEET: **5 OF 28**

# 2 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - HEAD

## HEAD - DP60 (+60/-65) HVHZ IMPACT



**NOTES:**

1. UNIT MUST BE INSTALLED WITH ANCHORS THROUGH FRAME AND THROUGH NAIL FIN SIMULTANEOUSLY.
2. 2X MIN. WOOD OR METAL INSTALLATIONS ONLY. WOOD OR METAL MAY BE INSTALLED BY OTHERS OVER CONCRETE/MASONRY NOT SHOWN.
3. SEE SHEET 26 FOR SUPPLEMENTAL INSTALLATION PATTERN THROUGH NAIL FIN, DETAIL A.
4. FRAME INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
5. SEE TABLE 1, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
6. 1/4" MAX. SHIM STACK.
7. SPLICE DETAIL, SEE SHEET 25.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
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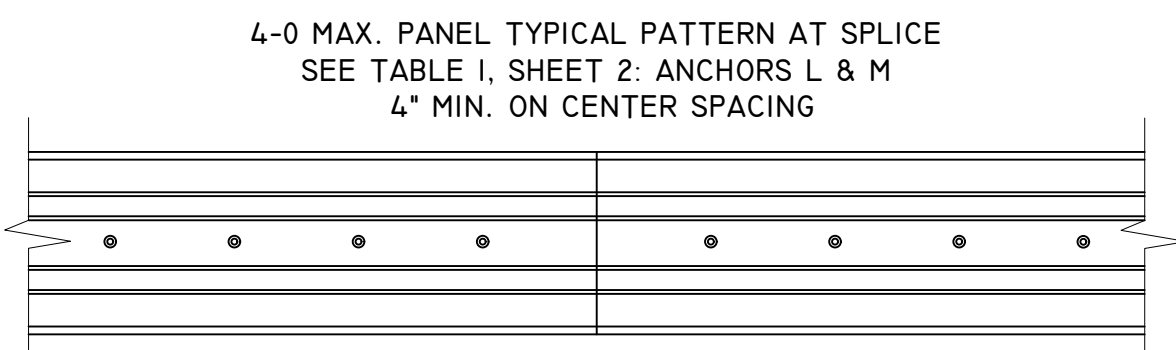
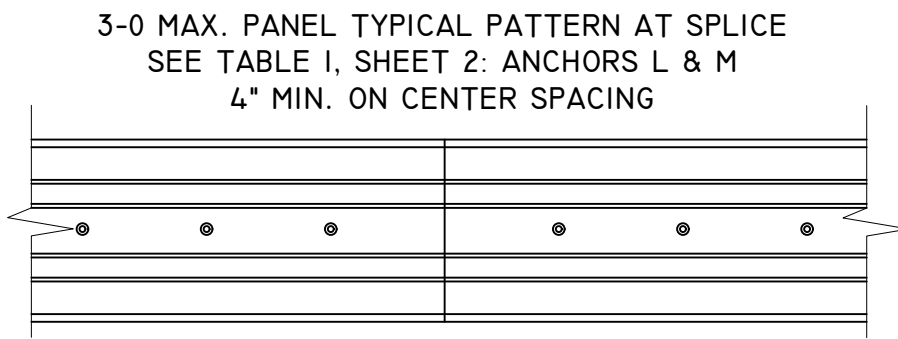
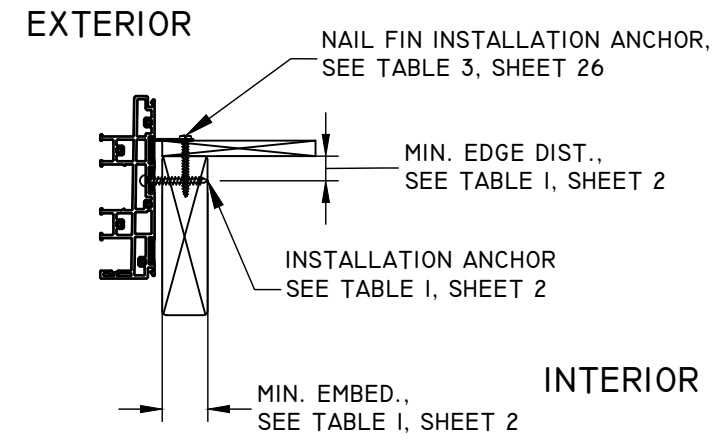
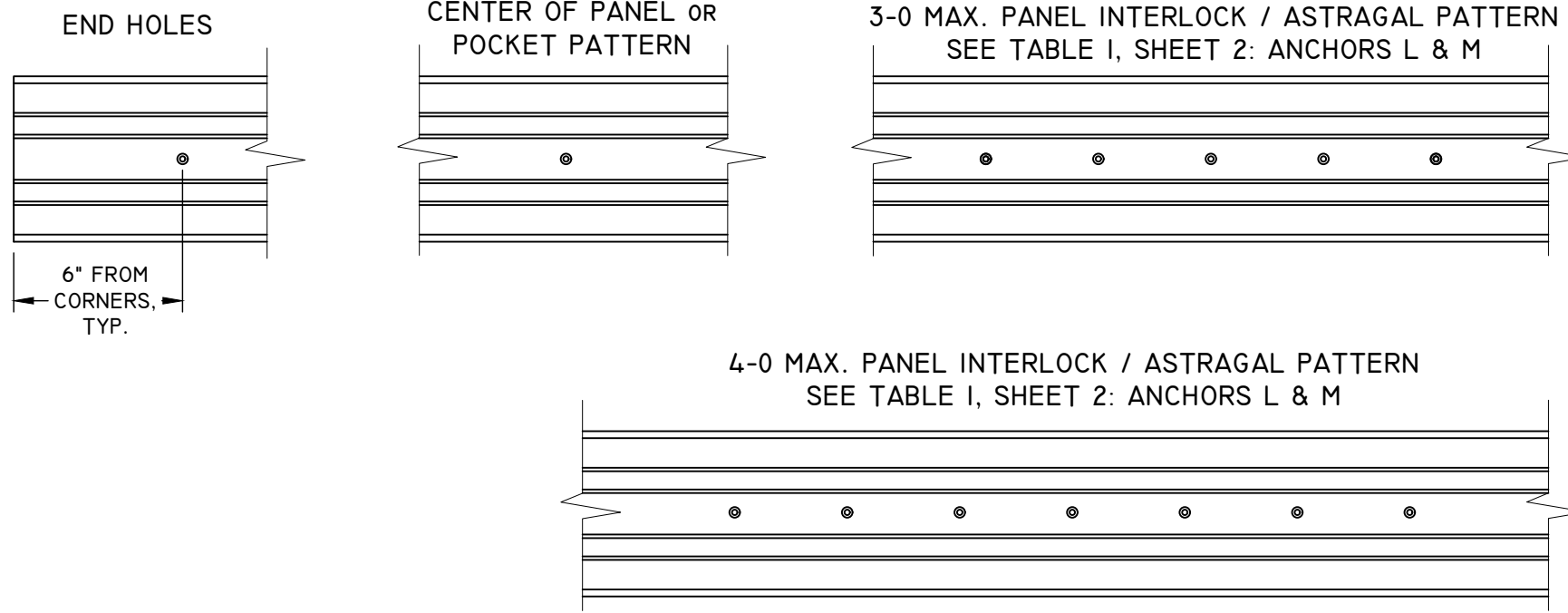
DWG #: PGW344

SHEET: 6 OF 28

# 2 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - SILL

## SILL - DP60 (+60/-65) HVHZ IMPACT

**Ply Gem**  
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FX: 540-484-6683



**NOTES:**

1. UNIT MUST BE INSTALLED WITH ANCHORS THROUGH FRAME AND THROUGH NAIL FIN SIMULTANEOUSLY.
2. 2X MIN. WOOD OR METAL INSTALLATIONS ONLY. WOOD OR METAL MAY BE INSTALLED BY OTHERS OVER CONCRETE/MASONRY, NOT SHOWN.
3. SEE SHEET 26 FOR SUPPLEMENTAL INSTALLATION PATTERN THROUGH NAIL FIN, DETAIL B - ALTERNATE.
4. FRAME INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
5. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
6. 1/4" MAX. SHIM STACK.
7. SPLICE DETAIL, SEE SHEET 25.
8. FILL ALL PRE-DRILLED INSTALLATION HOLES WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF SCREWS ONCE PROPERLY SEATED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
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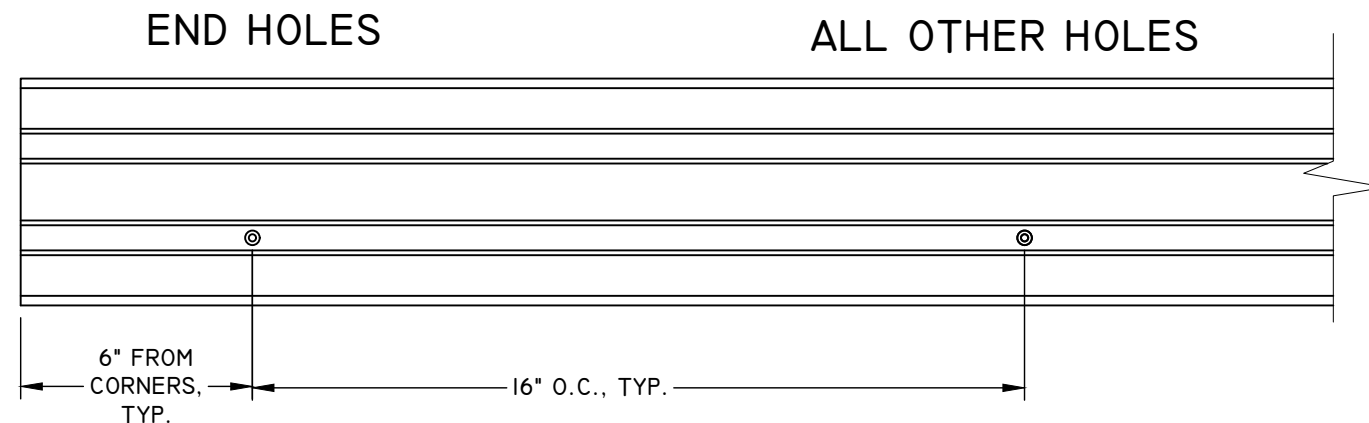
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SHEET: 7 OF 28

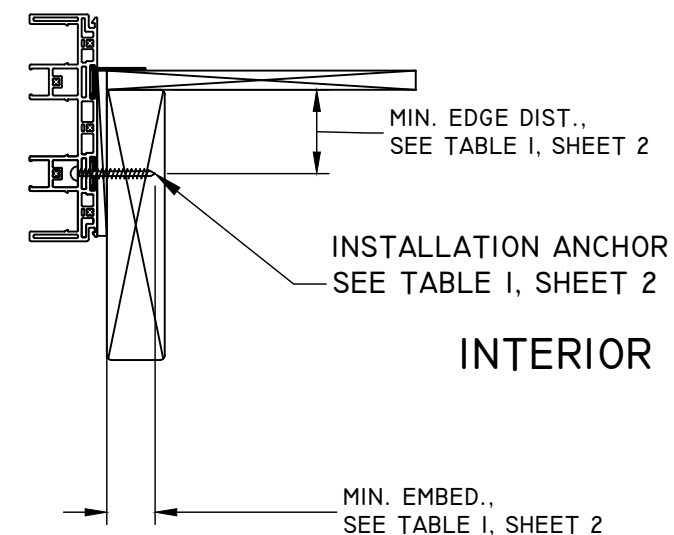
# 2 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - JAMBS

## JAMB - DP60 (+60/-65) HVHZ IMPACT

SEE TABLE I, SHEET 2:  
ANCHOR ID - L & M



EXTERIOR



**NOTES:**

1. INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
2. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
2. 2X MIN. WOOD OR METAL INSTALLATIONS ONLY. WOOD OR METAL MAY BE INSTALLED BY OTHERS OVER CONCRETE/MASONRY NOT SHOWN.
3. 1/4" MAX. SHIM STACK.
4. FILL LEFT & RIGHT PRE-DRILLED JAMB INSTALLATION HOLES - 6" FROM CORNER OF SILL ONLY, WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF THE SCREWS ONCE PROPERLY SEATED.

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PH. 941-380-1574

FL#: 41161

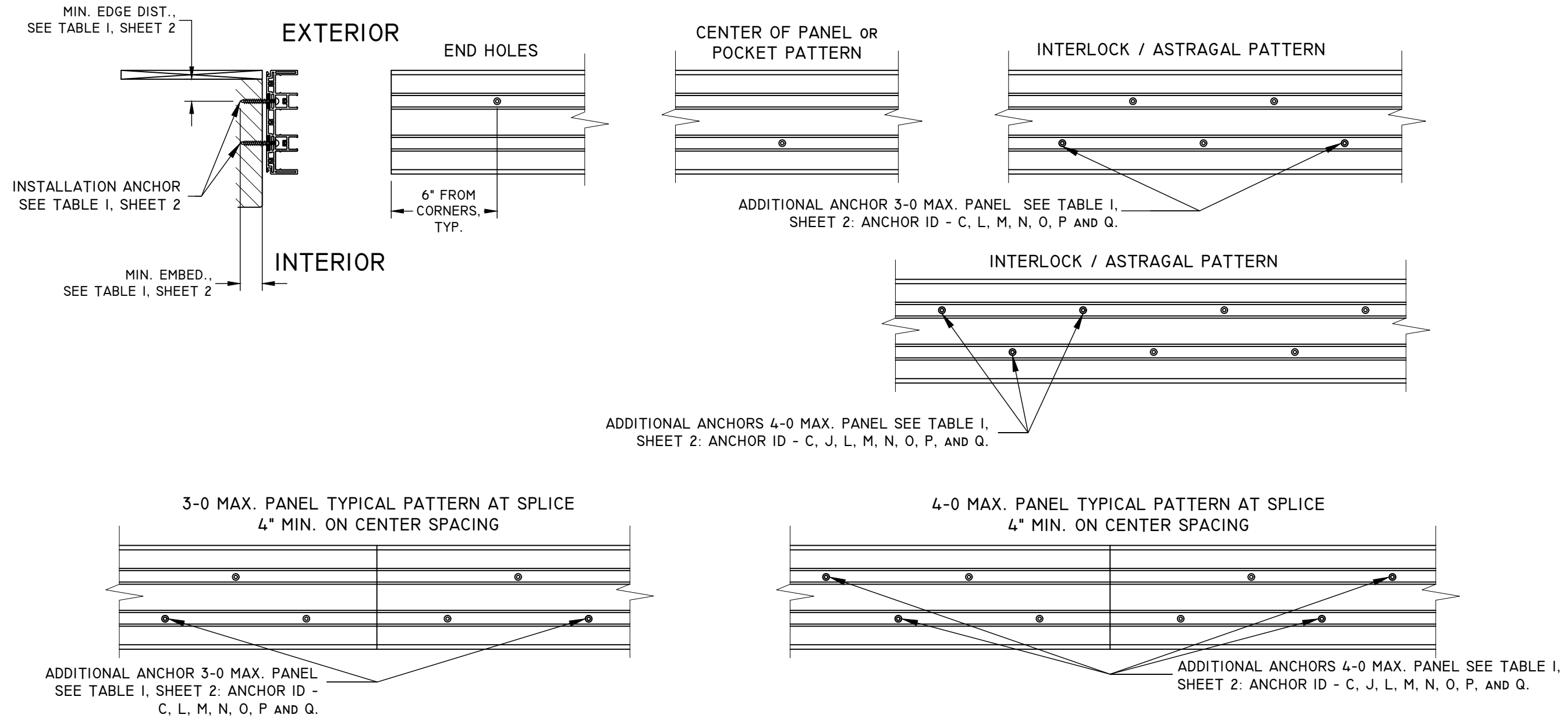
DWG #: PGW344

SHEET: 8 OF 28



# 2 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - HEAD

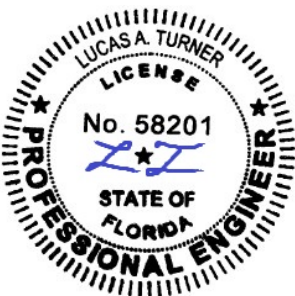
## HEAD - DP60 (+60/-65) HVHZ IMPACT



**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 DETAIL, SEE SHEET 25.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
	REVISION DESCRIPTION			
NO.				
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	

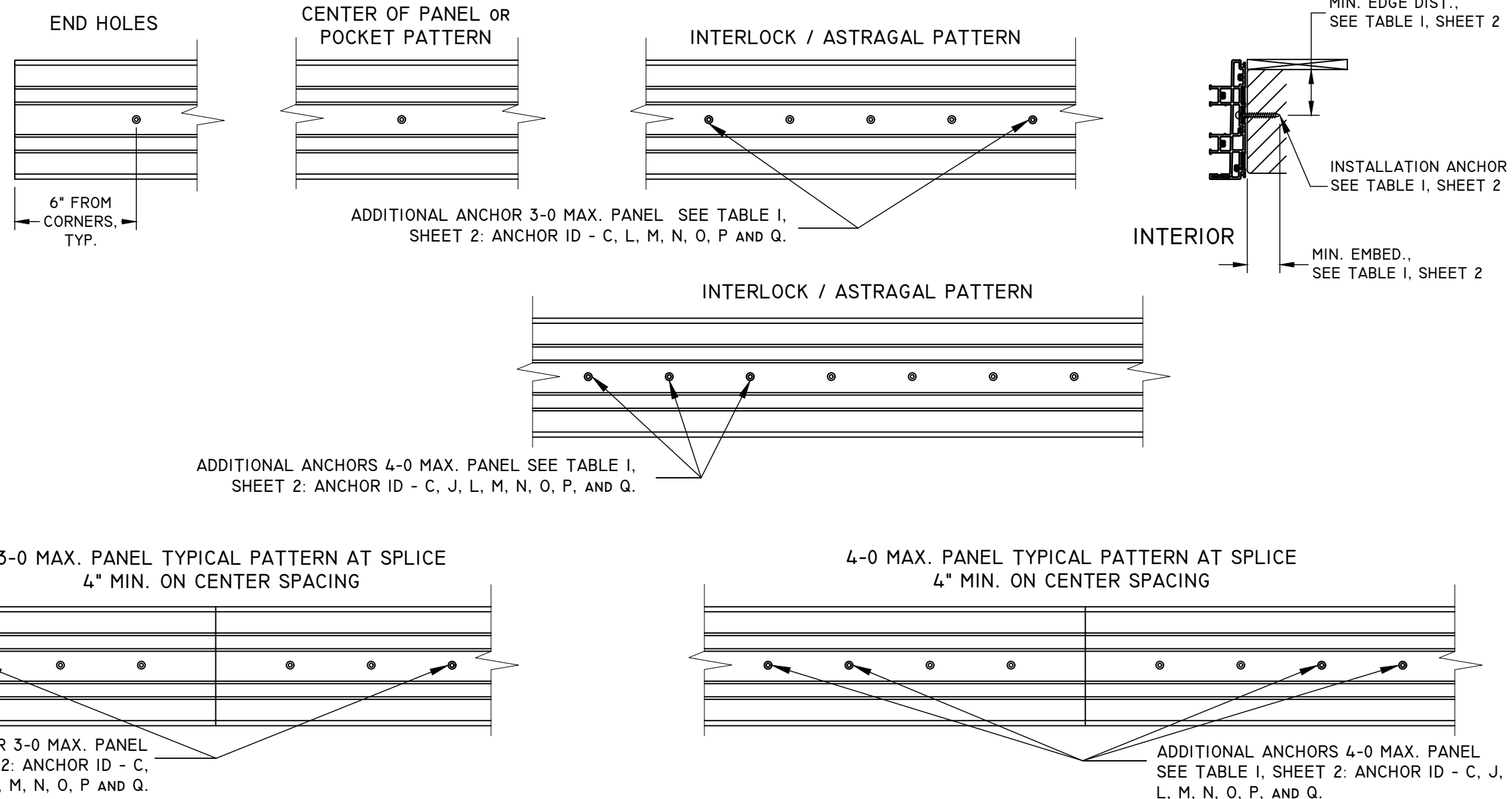


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TRAIL, CAMDEN, TN 38320  
PH. 941-380-1574

FL#: 41161  
DWG #: PGW344  
SHEET: 9 OF 28

# 2 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - SILL

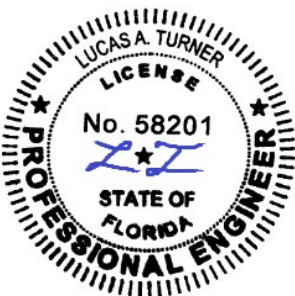
## SILL - DP60 (+60/-65) HVHZ IMPACT



**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 25.
7. FILL ALL PRE-DRILLED INSTALLATION HOLES WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF SCREWS ONCE PROPERLY SEATED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	

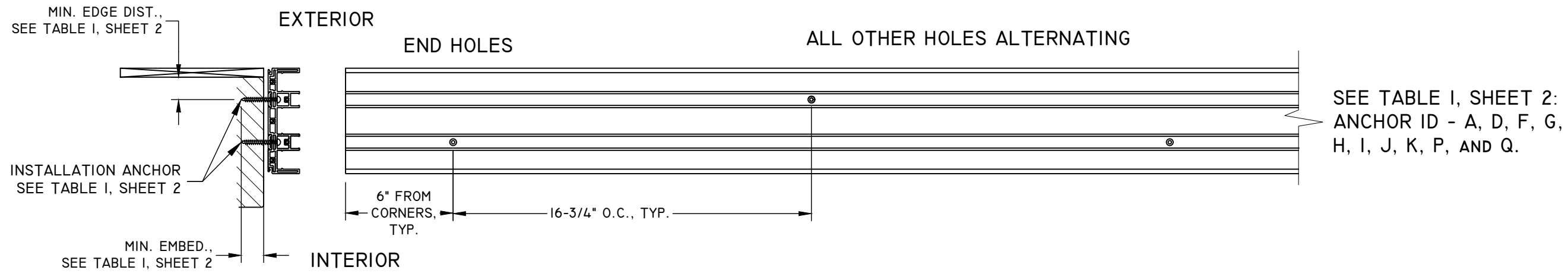


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TRAIL, CAMDEN, TN 38320  
PH. 941-380-1574

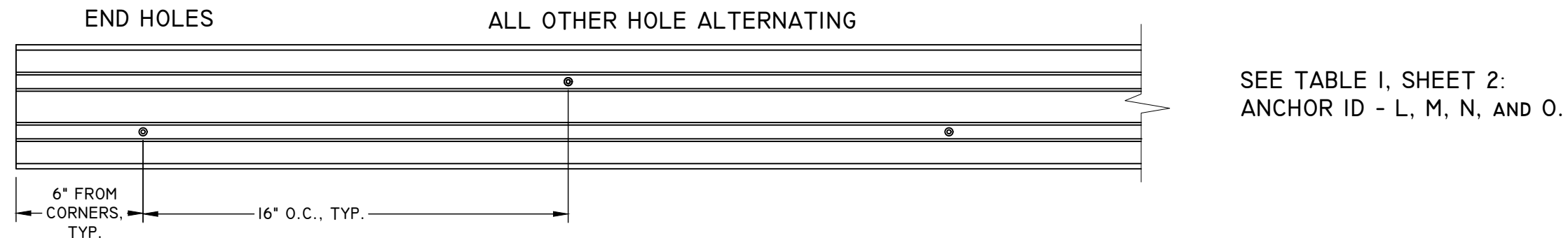
FL#:	41161
DWG #:	PGW344
SHEET:	10 OF 28

# 2 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - JAMBS

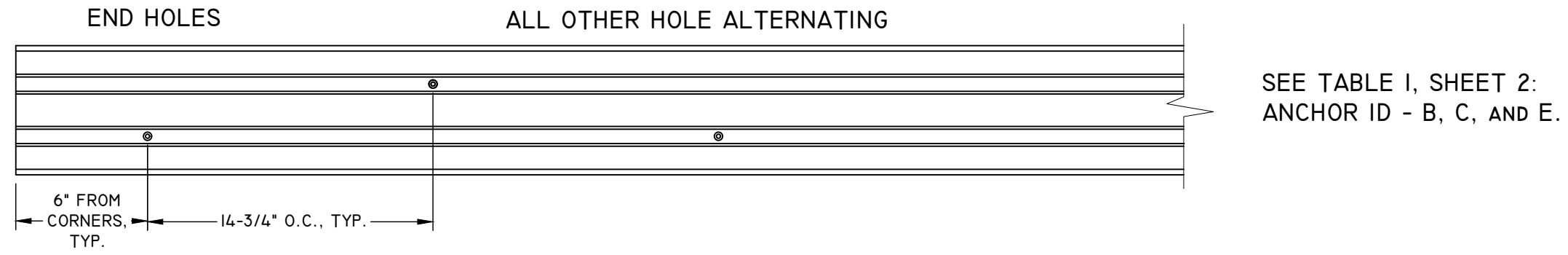
## JAMB - DP60 (+60/-65) HVHZ IMPACT



SEE TABLE I, SHEET 2:  
ANCHOR ID - A, D, F, G,  
H, I, J, K, P, AND Q.



SEE TABLE I, SHEET 2:  
ANCHOR ID - L, M, N, AND O.

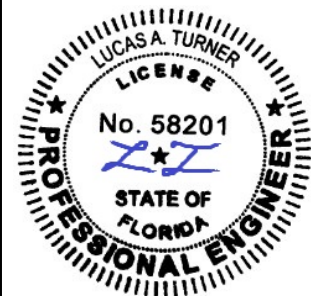


SEE TABLE I, SHEET 2:  
ANCHOR ID - B, C, AND E.

**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. FILL LEFT & RIGHT PRE-DRILLED JAMB INSTALLATION HOLES - 6" FROM CORNER OF SILL ONLY, WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF THE SCREWS ONCE PROPERLY SEATED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
REVISION DESCRIPTION	NO.			
DATE:	DWN BY:	CHK BY:	SCALE:	
09/18/23	LMH	SAS	NTS	

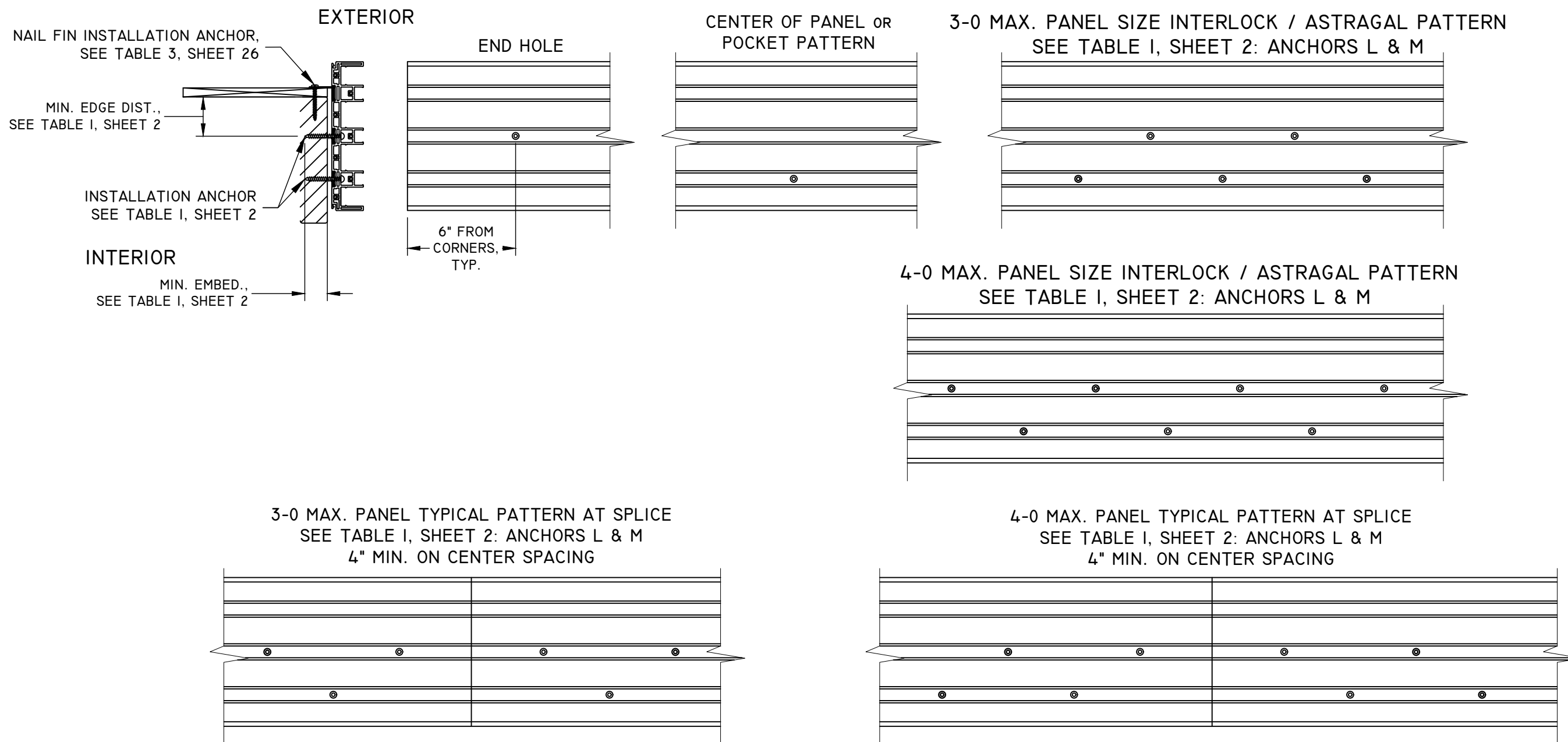


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PH. 941-380-1574

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DWG #:	PGW344
SHEET:	11 OF 28

# 3 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - HEAD

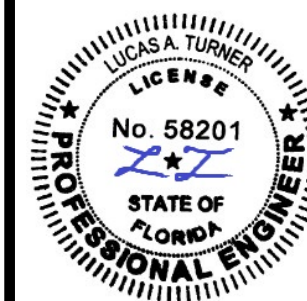
## HEAD - DP60 (+60/-65) HVHZ IMPACT



**NOTES:**

1. UNIT MUST BE INSTALLED WITH ANCHORS THROUGH FRAME AND THROUGH NAIL FIN SIMULTANEOUSLY.
2. 2X MIN. WOOD OR METAL INSTALLATIONS ONLY. WOOD OR METAL MAY BE INSTALLED BY OTHERS OVER CONCRETE/MASONRY NOT SHOWN.
3. SEE SHEET 26 FOR SUPPLEMENTAL INSTALLATION PATTERN THROUGH NAIL FIN, DETAIL A.
4. FRAME INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
5. SEE TABLE 1, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
6. 1/4" MAX. SHIM STACK.
7. SPLICE DETAIL, SEE SHEET 25.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



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FL#: 41161

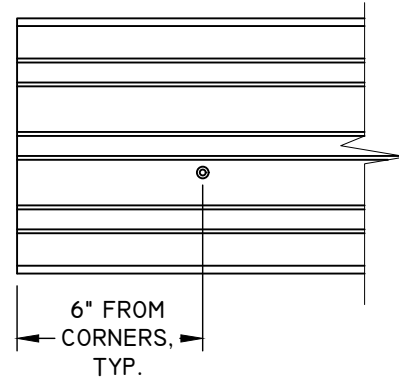
DWG #: PGW344

SHEET: 12 OF 28

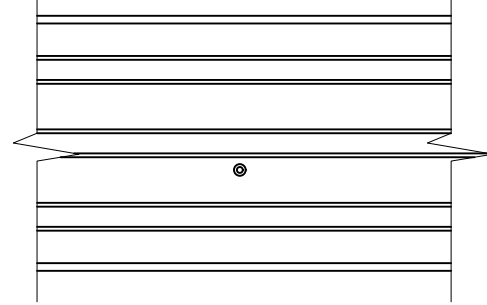
# 3 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - SILL

## SILL - DP60 (+60/-65) HVHZ IMPACT

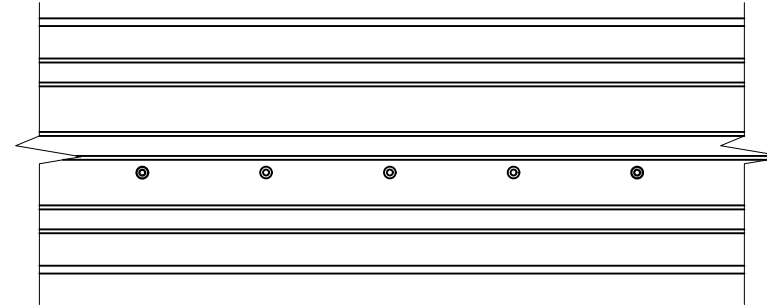
END HOLES



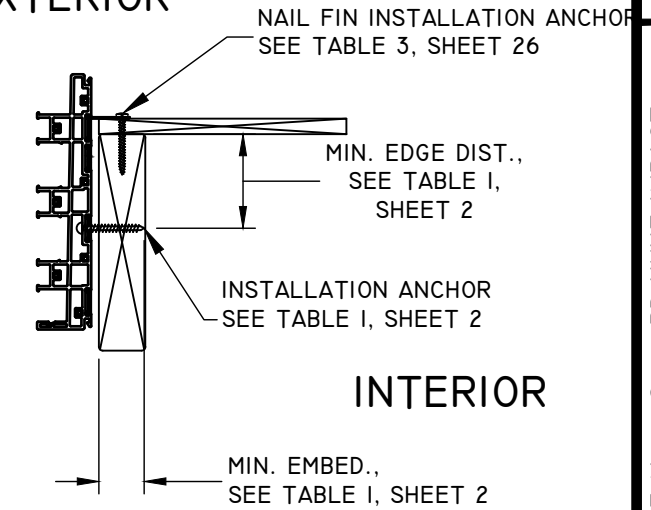
CENTER OF PANEL OR POCKET PATTERN



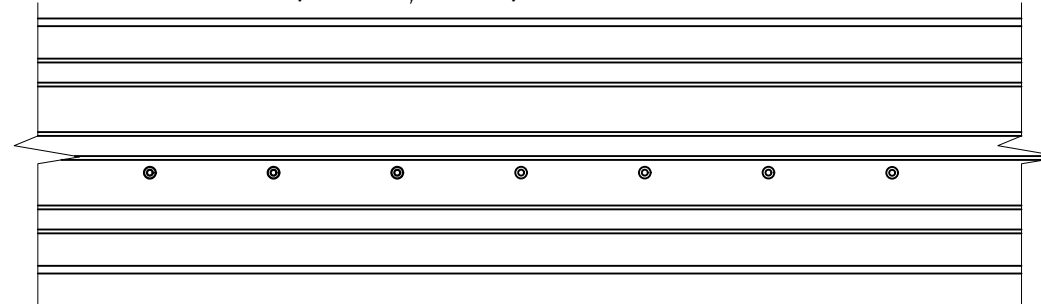
3-0 MAX. PANEL INTERLOCK / ASTRAGAL PATTERN  
SEE TABLE I, SHEET 2: ANCHORS L & M



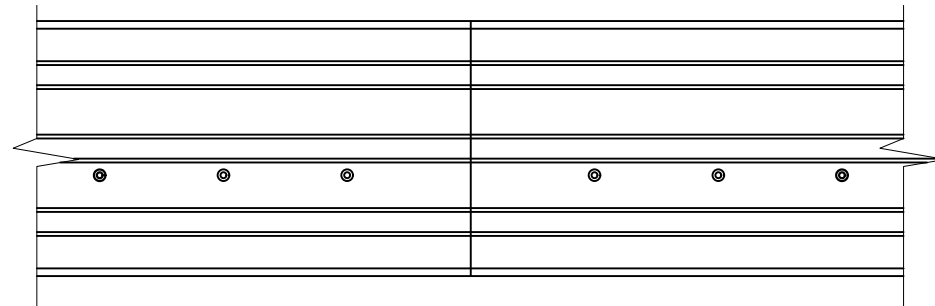
EXTERIOR



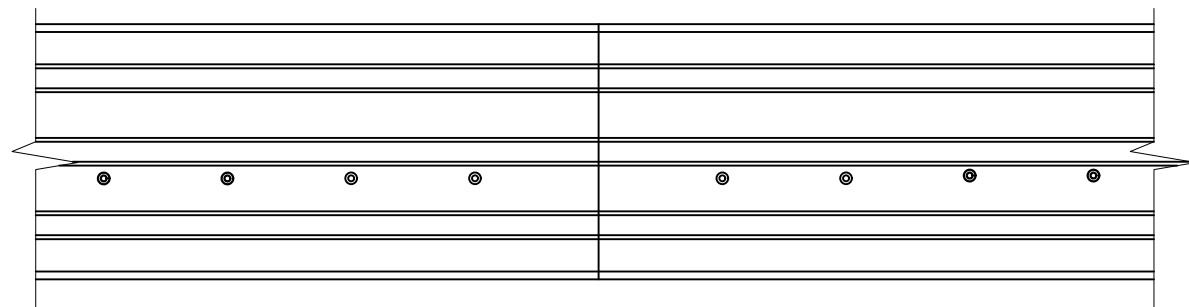
4-0 MAX. PANEL INTERLOCK / ASTRAGAL PATTERN  
SEE TABLE I, SHEET 2: ANCHORS L & M



3-0 MAX. PANEL TYPICAL PATTERN AT SPLICE  
SEE TABLE I, SHEET 2: ANCHORS L & M  
4" MIN. ON CENTER SPACING



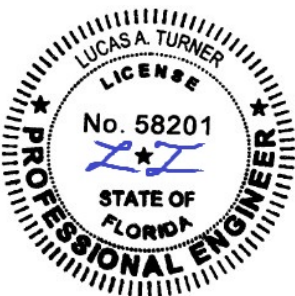
4-0 MAX. PANEL TYPICAL PATTERN AT SPLICE  
SEE TABLE I, SHEET 2: ANCHORS L & M  
4" MIN. ON CENTER SPACING



**NOTES:**

1. UNIT MUST BE INSTALLED WITH ANCHORS THROUGH FRAME AND THROUGH NAIL FIN SIMULTANEOUSLY.
2. 2X MIN. WOOD OR METAL INSTALLATIONS ONLY. WOOD OR METAL MAY BE INSTALLED BY OTHERS OVER CONCRETE/MASONRY, NOT SHOWN.
3. SEE SHEET 26 FOR SUPPLEMENTAL INSTALLATION PATTERN THROUGH NAIL FIN, DETAIL B.
4. FRAME INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
5. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
6. 1/4" MAX. SHIM STACK.
7. SPLICE DETAIL, SEE SHEET 25.
8. FILL ALL PRE-DRILLED INSTALLATION HOLES WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF SCREWS ONCE PROPERLY SEATED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



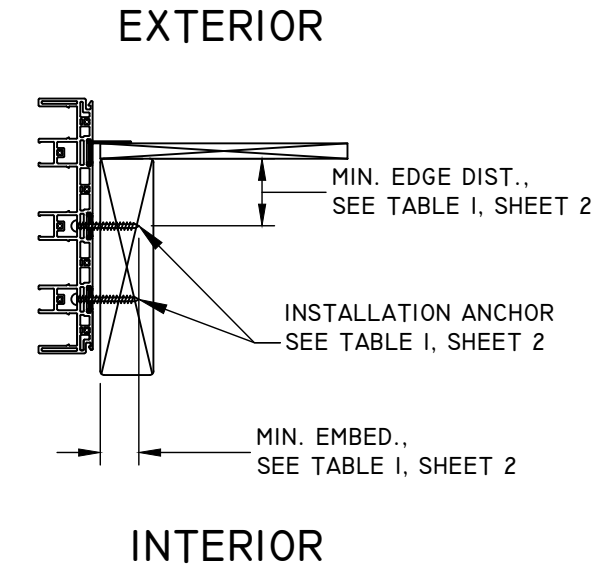
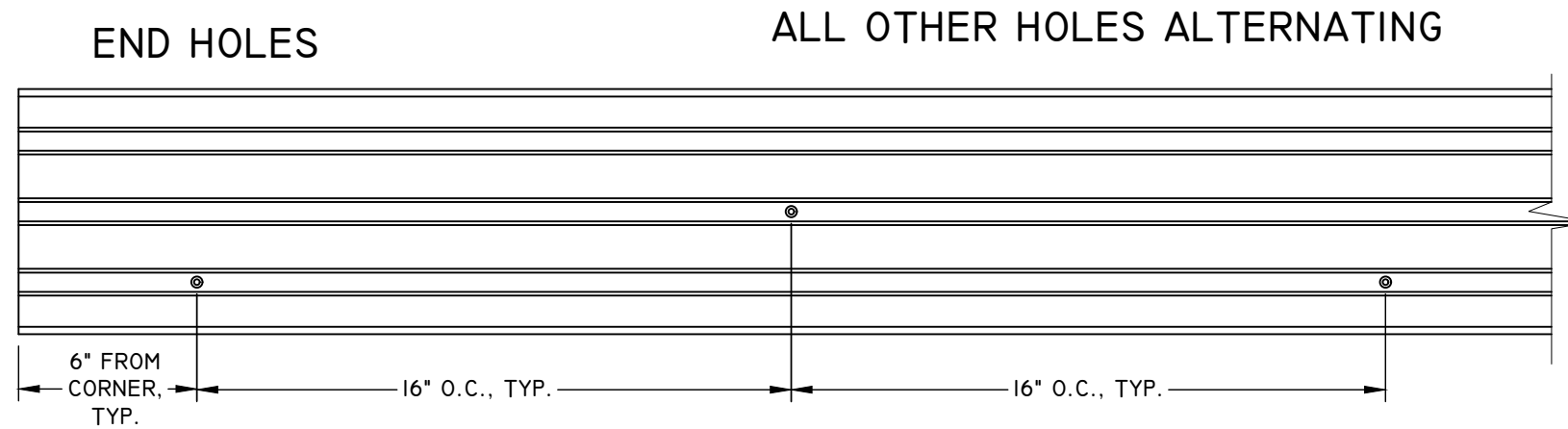
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LUCAS A. TURNER, P.E.  
FL PE # 58201  
TURNER ENGINEERING & CONSULTING, INC.  
(COA # 29779)  
2428 OLD NATCHEZ TRACE  
TRAIL, CAMDEN, TN 38320  
PH. 941-380-1574

FL#: 41161  
DWG #: PGW344  
SHEET: 13 OF 28

# 3 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - JAMBS

## JAMB - DP60 (+60/-65) HVHZ IMPACT

SEE TABLE I, SHEET 2:  
ANCHOR ID - L & M



TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	

**NOTES:**

1. INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
2. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
2. 2X MIN. WOOD OR METAL INSTALLATIONS ONLY. WOOD OR METAL MAY BE INSTALLED BY OTHERS OVER CONCRETE/MASONRY NOT SHOWN.
3. 1/4" MAX. SHIM STACK.
4. FILL LEFT & RIGHT PRE-DRILLED JAMB INSTALLATION HOLES - 6" FROM CORNER OF SILL ONLY, WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF THE SCREWS ONCE PROPERLY SEATED.



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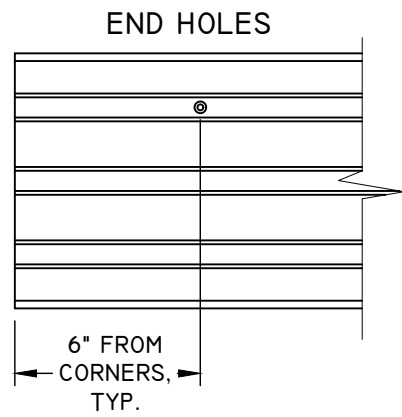
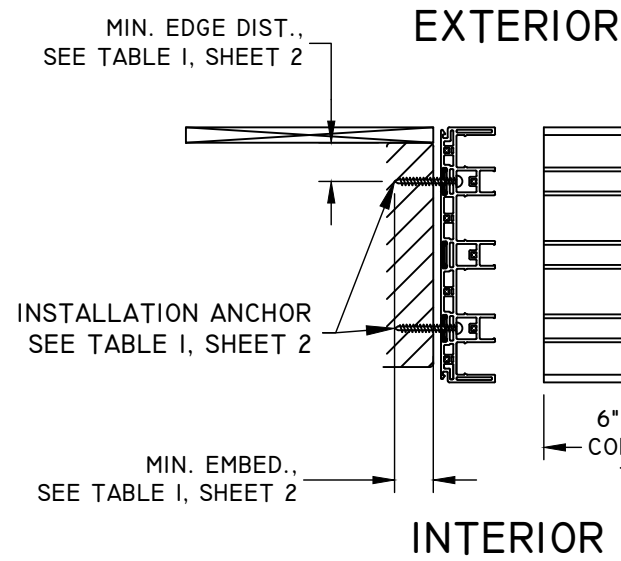
FL#: 41161

DWG #: PGW344

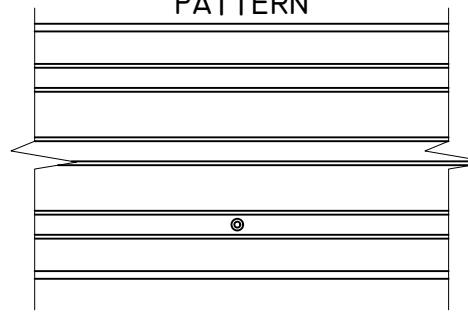
SHEET: 14 OF 28

# 3 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - HEAD

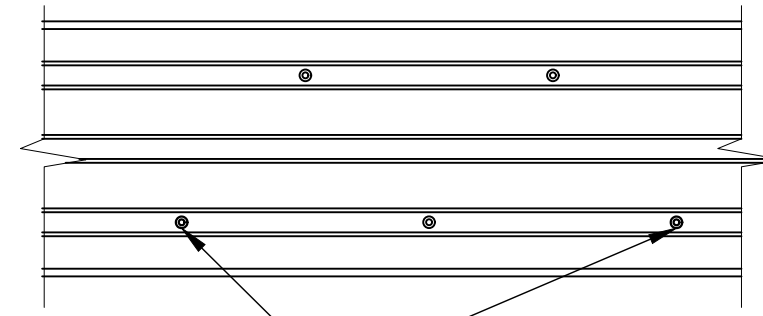
## HEAD - DP60 (+60/-65) HVHZ IMPACT



CENTER OF PANEL OR POCKET  
PATTERN

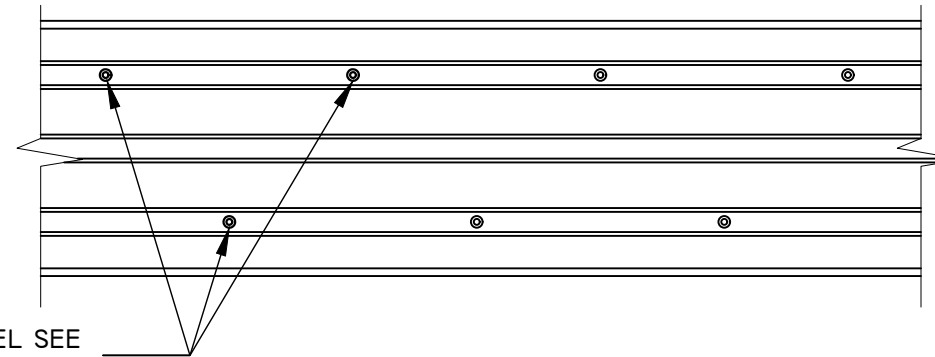


INTERLOCK / ASTRAGAL PATTERN



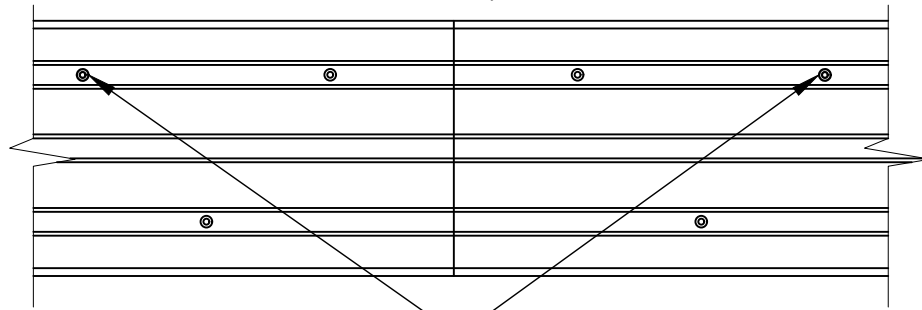
ADDITIONAL ANCHOR 3-0 MAX. PANEL SEE TABLE I, SHEET 2:  
ANCHOR ID - C, L, M, N, O, P AND Q.

INTERLOCK / ASTRAGAL PATTERN



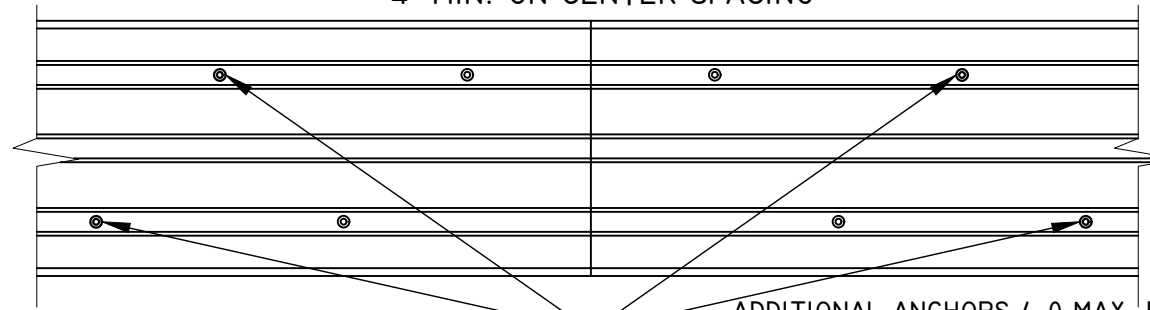
ADDITIONAL ANCHORS 4-0 MAX. PANEL SEE  
TABLE I, SHEET 2: ANCHOR ID - C, J, L, M, N, O, P, AND Q.

3-0 MAX. PANEL TYPICAL PATTERN AT SPLICE  
4" MIN. ON CENTER SPACING



ADDITIONAL ANCHOR 3-0 MAX. PANEL  
SEE TABLE I, SHEET 2: ANCHOR ID - C,  
L, M, N, O, P AND Q

4-0 MAX. PANEL TYPICAL PATTERN AT SPLICE  
4" MIN. ON CENTER SPACING



ADDITIONAL ANCHORS 4-0 MAX. PANEL  
SEE TABLE I, SHEET 2: ANCHOR ID - C,  
J, L, M, N, O, P, AND Q.

**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 25.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



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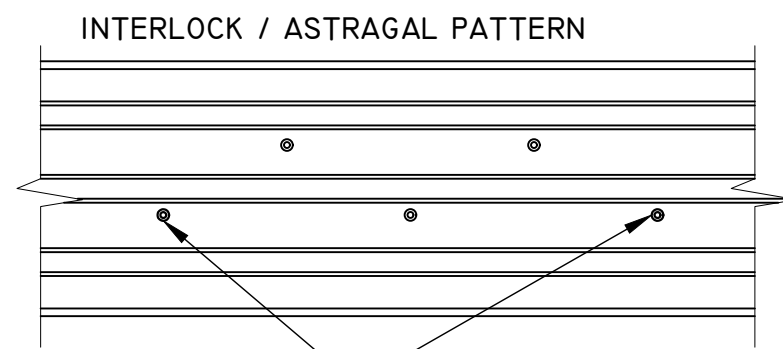
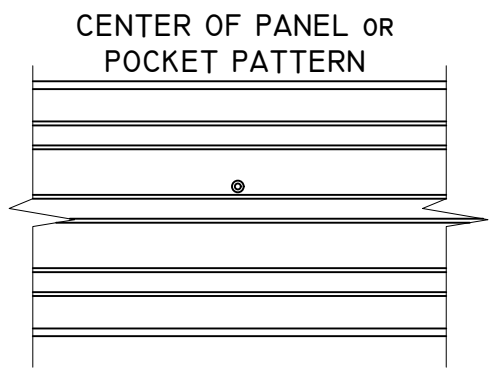
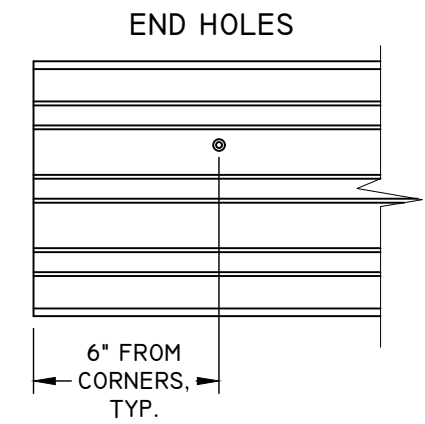
FL#: 41161

DWG #: PGW344

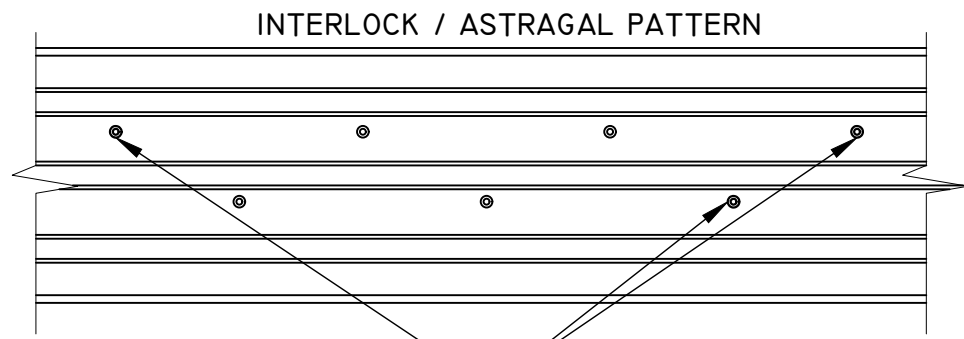
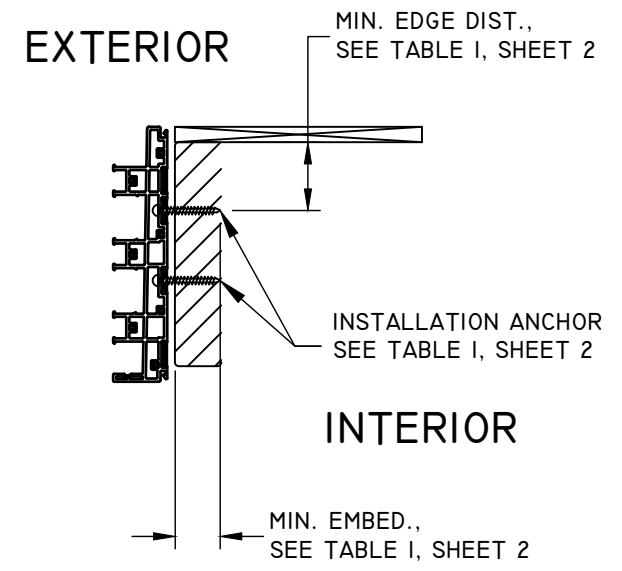
SHEET: 15 OF 28

# 3 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - SILL

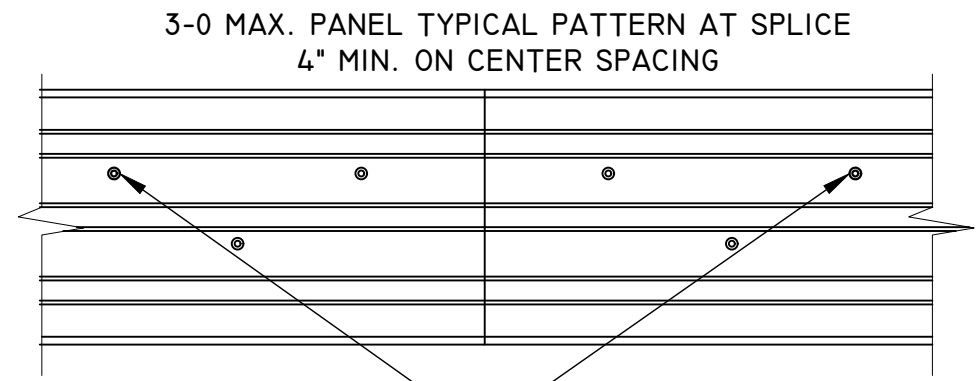
## SILL - DP60 (+60/-65) HVHZ IMPACT



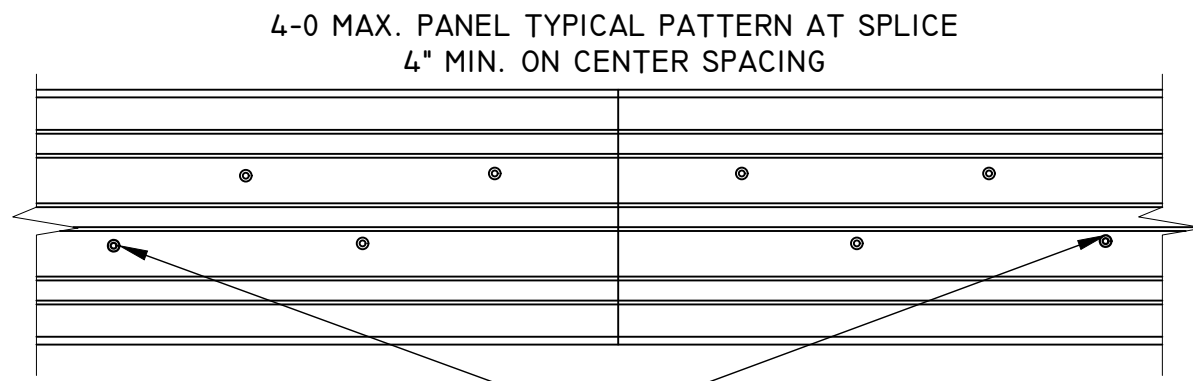
ADDITIONAL ANCHOR 3-0 MAX. PANEL SEE TABLE I, SHEET 2: ANCHOR ID - C, L, M, N, O, P AND Q.



ADDITIONAL ANCHORS 4-0 MAX. PANEL SEE TABLE I, SHEET 2: ANCHOR ID - C, J, L, M, N, O, P, AND Q.



ADDITIONAL ANCHOR 3-0 MAX. PANEL SEE TABLE I, SHEET 2: ANCHOR ID - C, L, M, N, O, P AND Q.



ADDITIONAL ANCHORS 4-0 MAX. PANEL SEE TABLE I, SHEET 2: ANCHOR ID - C, J, L, M, N, O, P, AND Q.

**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 25.
6. FILL ALL PRE-DRILLED INSTALLATION HOLES WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF SCREWS ONCE PROPERLY SEATED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



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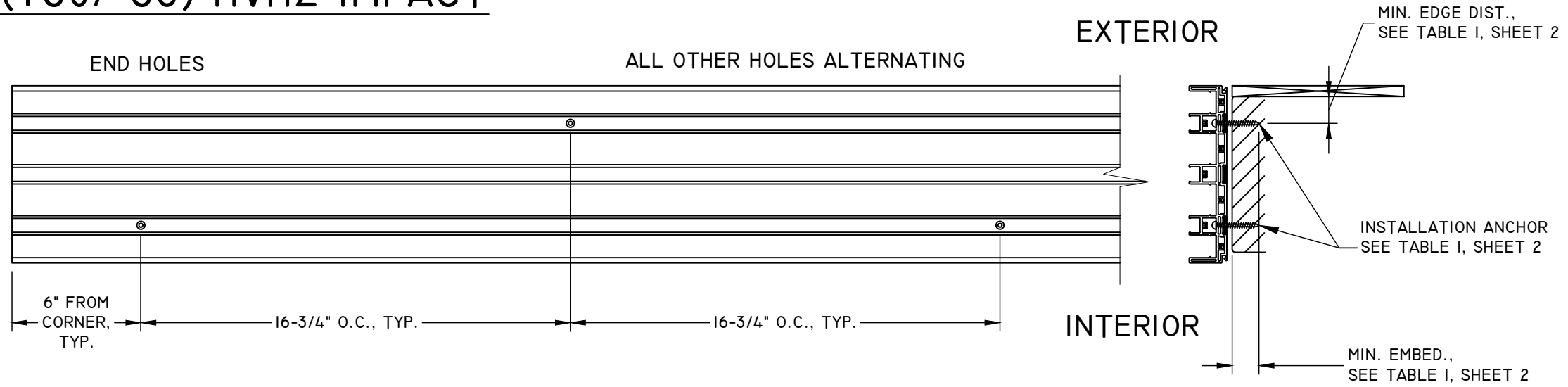
FL#: **41161**  
DWG #: **PGW344**  
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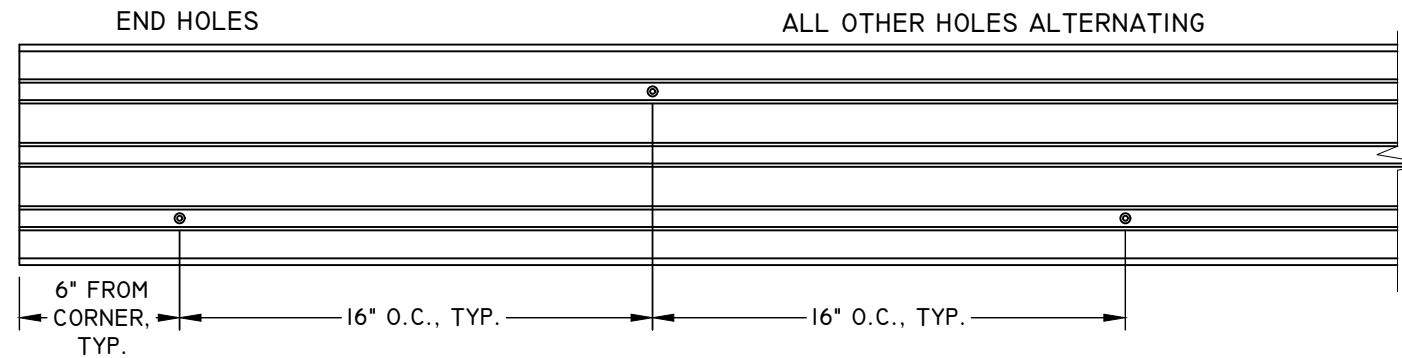
# 3 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - JAMBS

## JAMB - DP60 (+60/-65) HVHZ IMPACT

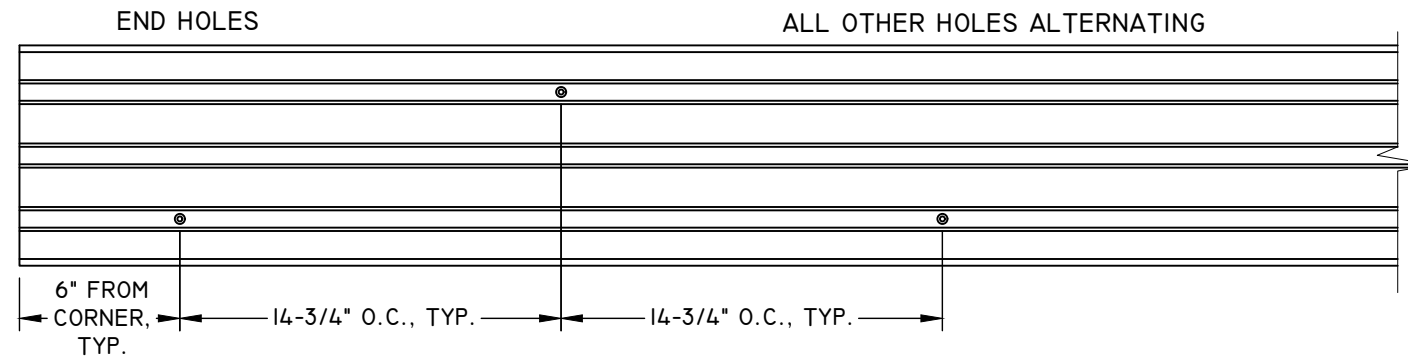
SEE TABLE I, SHEET 2:  
ANCHOR ID - A, D, F, G,  
H, I, J, K, P, AND Q.



SEE TABLE I, SHEET 2:  
ANCHOR ID - L, M, N, AND O.



SEE TABLE I, SHEET 2:  
ANCHOR ID - B, C, AND E.



**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. FILL LEFT & RIGHT PRE-DRILLED JAMB INSTALLATION HOLES - 6" FROM CORNER OF SILL ONLY, WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF THE SCREWS ONCE PROPERLY SEATED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
REVISION DESCRIPTION	NO.			
	DATE			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	

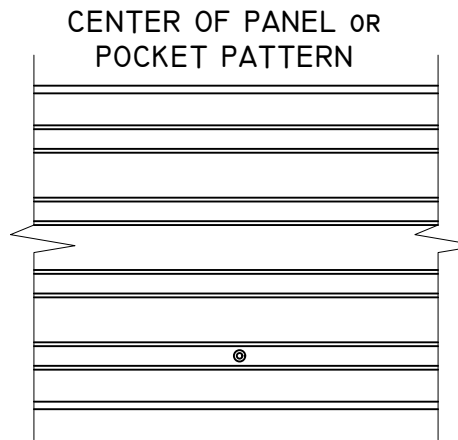
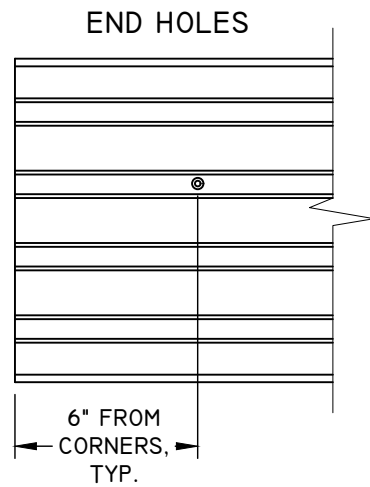
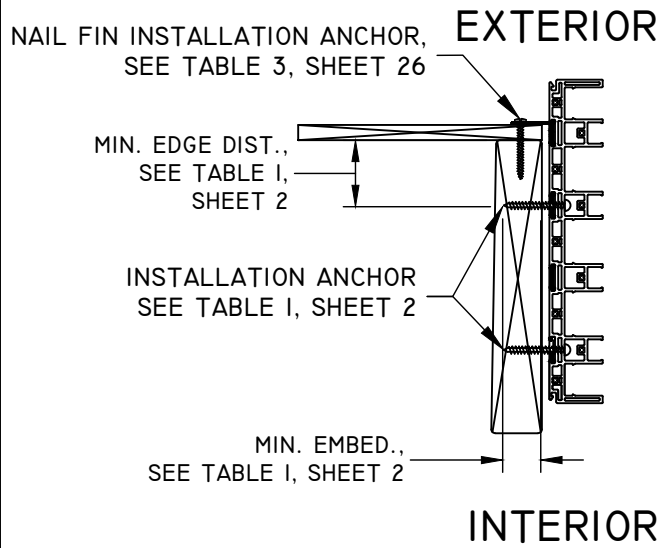


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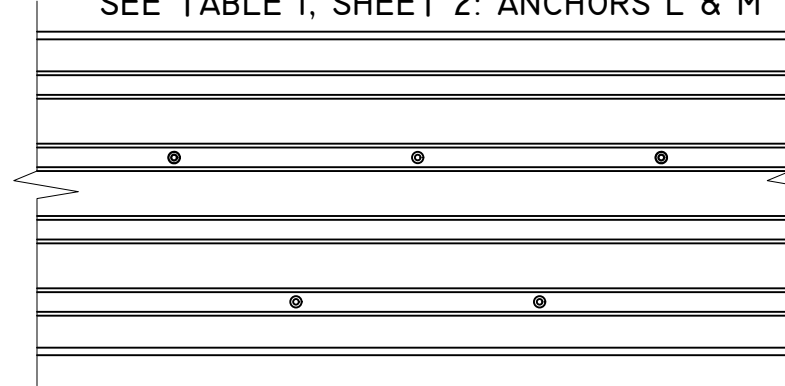
FL#:	41161
DWG #:	PGW344
SHEET:	17 OF 28

# 4 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - HEAD

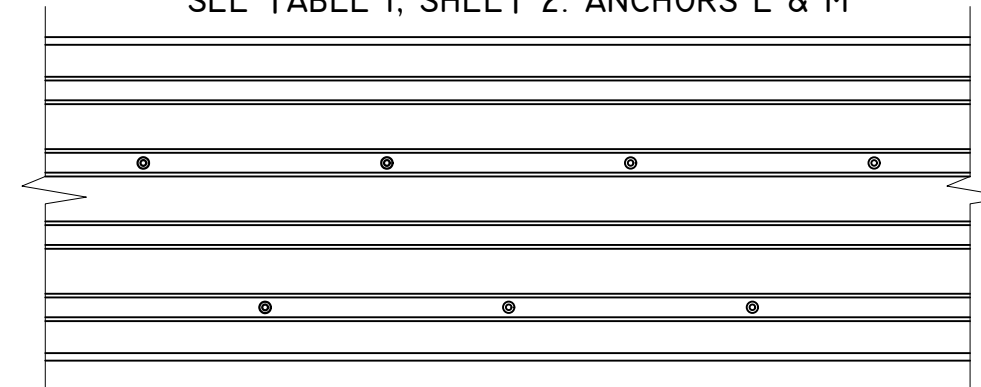
## HEAD - DP60 (+60/-65) HVHZ IMPACT



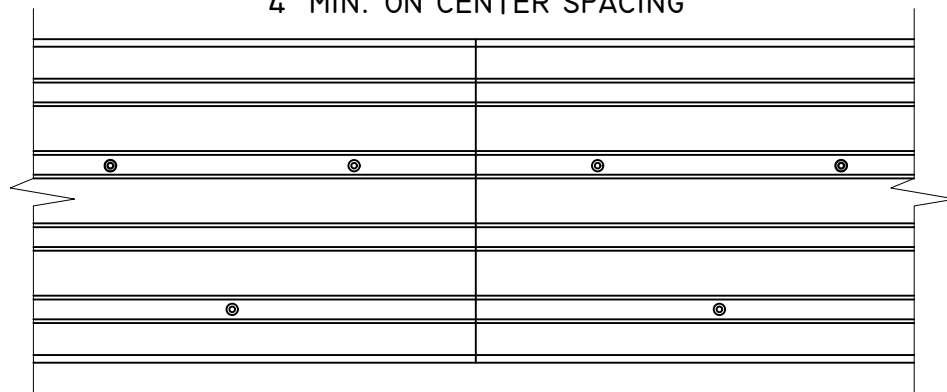
3-0 MAX. PANEL SIZE INTERLOCK / ASTRAGAL PATTERN  
SEE TABLE 1, SHEET 2: ANCHORS L & M



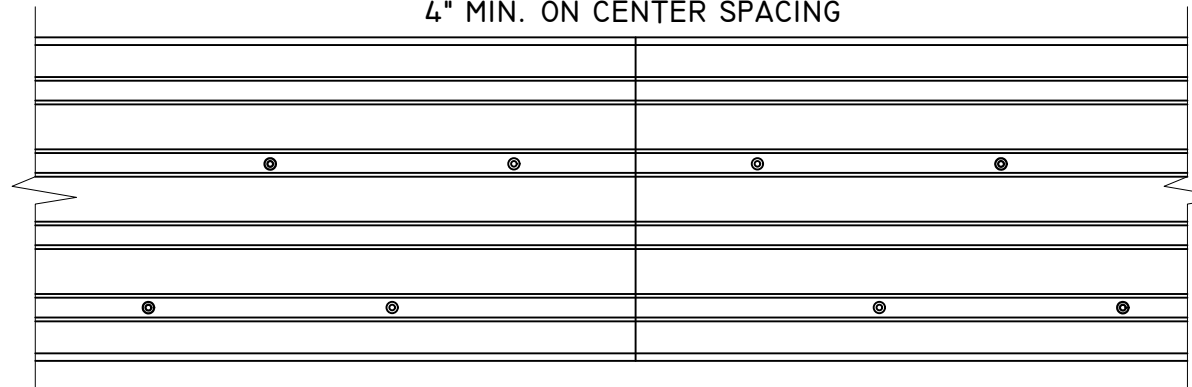
4-0 MAX. PANEL SIZE INTERLOCK / ASTRAGAL PATTERN  
SEE TABLE 1, SHEET 2: ANCHORS L & M



3-0 MAX. PANEL TYPICAL PATTERN AT SPLICE  
SEE TABLE 1, SHEET 2: ANCHORS L & M  
4\"/>



4-0 MAX. PANEL TYPICAL PATTERN AT SPLICE  
SEE TABLE 1, SHEET 2: ANCHORS L & M  
4\"/>



**NOTES:**

1. UNIT MUST BE INSTALLED WITH ANCHORS THROUGH FRAME AND THROUGH NAIL FIN SIMULTANEOUSLY.
2. 2X MIN. WOOD OR METAL INSTALLATIONS ONLY. WOOD OR METAL MAY BE INSTALLED BY OTHERS OVER CONCRETE/MASONRY NOT SHOWN.
3. SEE SHEET 26 FOR SUPPLEMENTAL INSTALLATION PATTERN THROUGH NAIL FIN, DETAIL A.
4. FRAME INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
5. SEE TABLE 1, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
6. 1/4" MAX. SHIM STACK.
7. SPLICE DETAIL, SEE SHEET 25.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
	REVISION DESCRIPTION			
NO.				
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



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TRAIL, CAMDEN, TN 38320  
PH. 941-380-1574

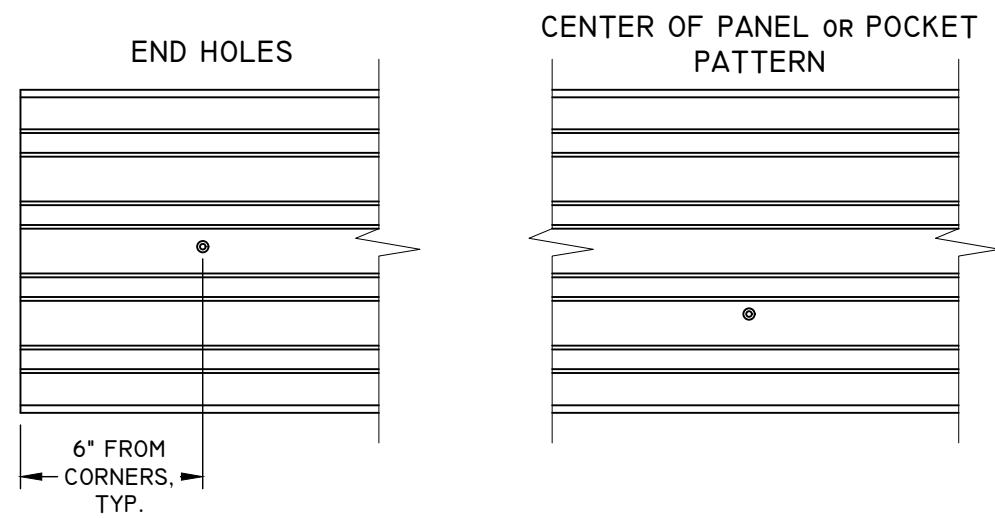
FL#: 41161

DWG #: PGW344

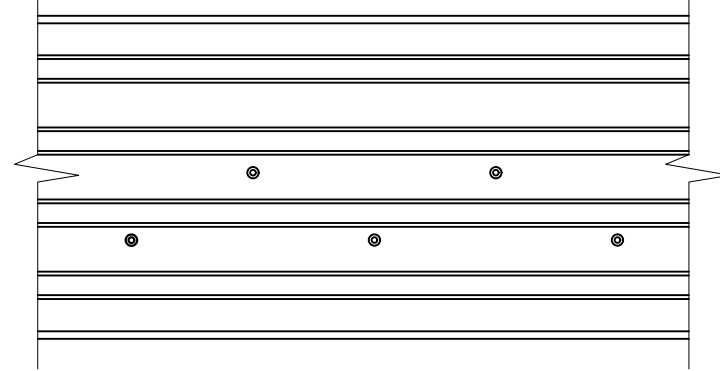
SHEET: 18 OF 28

# 4 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - SILL

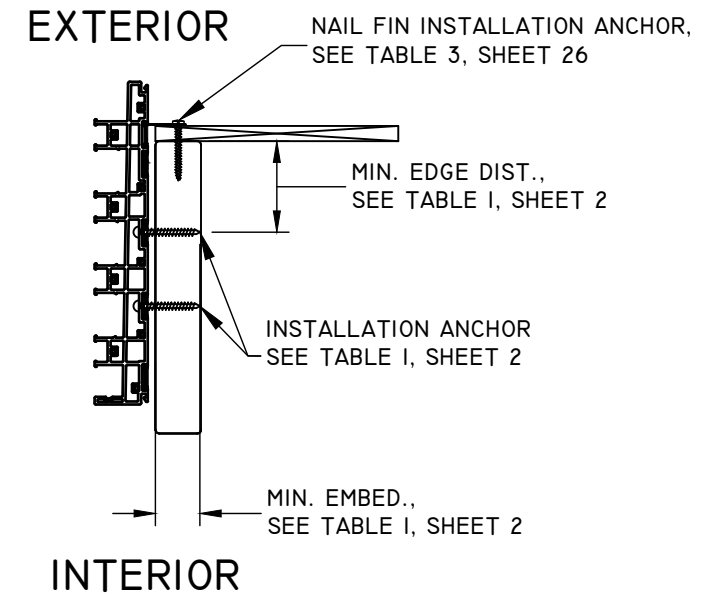
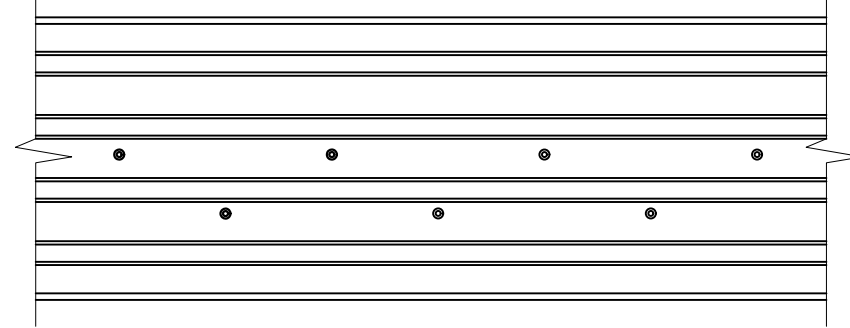
## SILL - DP60 (+60/-65) HVHZ IMPACT



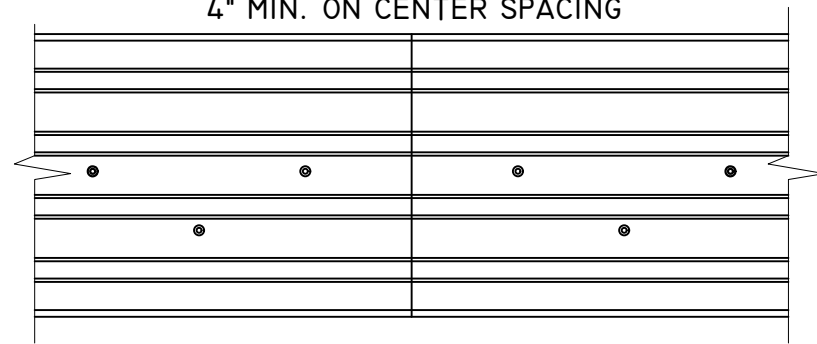
3-0 MAX. PANEL INTERLOCK / ASTRAGAL PATTERN  
SEE TABLE I, SHEET 2: ANCHORS L & M



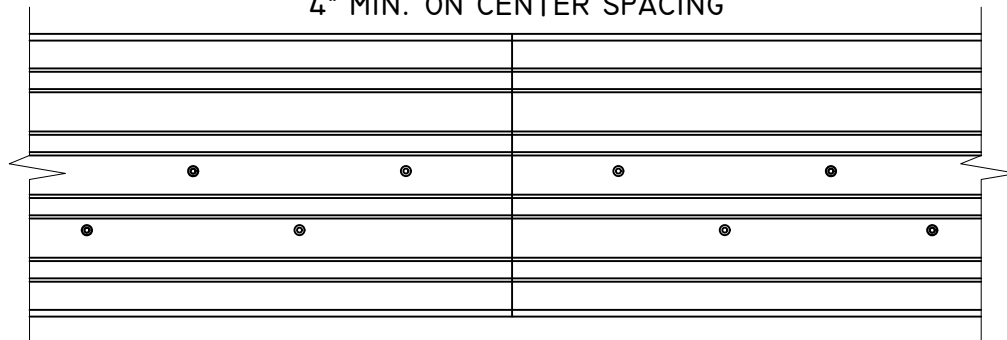
4-0 MAX. PANEL INTERLOCK / ASTRAGAL PATTERN  
SEE TABLE I, SHEET 2: ANCHORS L & M



3-0 MAX. PANEL TYPICAL PATTERN AT SPLICE  
SEE TABLE I, SHEET 2: ANCHORS L & M  
4" MIN. ON CENTER SPACING



4-0 MAX. PANEL TYPICAL PATTERN AT SPLICE  
SEE TABLE I, SHEET 2: ANCHORS L & M  
4" MIN. ON CENTER SPACING



**NOTES:**

1. UNIT MUST BE INSTALLED WITH ANCHORS THROUGH FRAME AND THROUGH NAIL FIN SIMULTANEOUSLY.
2. 2X MIN. WOOD OR METAL INSTALLATIONS ONLY. WOOD OR METAL MAY BE INSTALLED BY OTHERS OVER CONCRETE/MASONRY, NOT SHOWN.
3. SEE SHEET 26 FOR SUPPLEMENTAL INSTALLATION PATTERN THROUGH NAIL FIN, DETAIL B.
4. FRAME INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
5. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
6. 1/4" MAX. SHIM STACK.
7. SPLICE DETAIL, SEE SHEET 25.
8. FILL ALL PRE-DRILLED INSTALLATION HOLES WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF SCREWS ONCE PROPERLY SEATED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



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PH. 941-380-1574

FL#: 41161

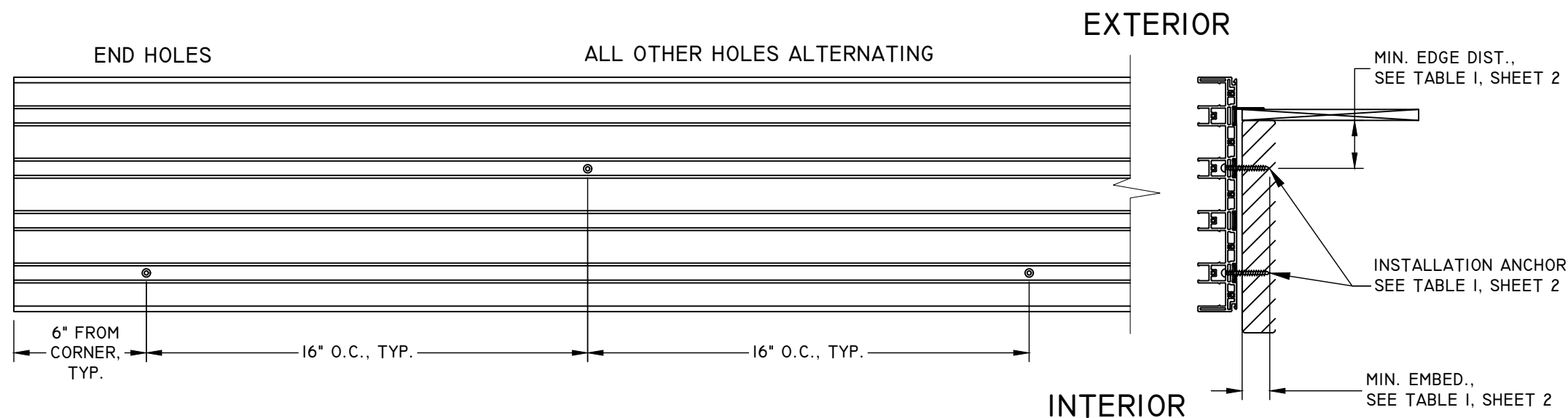
DWG #: PGW344

SHEET: 19 OF 28

# 4 TRACK ANCHOR LAYOUT DETAILS WITH NAIL FIN - JAMBS

## JAMB - DP60 (+60/-65) HVHZ IMPACT

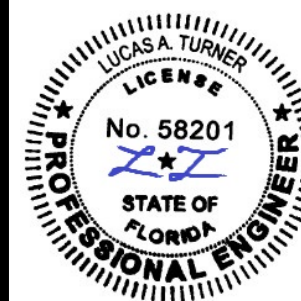
SEE TABLE I, SHEET 2:  
ANCHOR ID - L & M.



**NOTES:**

1. INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
2. SEE TABLE I, SHEET 2 FOR FASTENER MINIMUM EDGE DISTANCE, EMBEDMENT AND ON CENTER SPACING.
2. 2X MIN. WOOD OR METAL INSTALLATIONS ONLY. WOOD OR METAL MAY BE INSTALLED BY OTHERS OVER CONCRETE/MASONRY NOT SHOWN.
3. 1/4" MAX. SHIM STACK.
4. FILL LEFT & RIGHT PRE-DRILLED JAMB INSTALLATION HOLES - 6" FROM CORNER OF SILL ONLY, WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF THE SCREWS ONCE PROPERLY SEATED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



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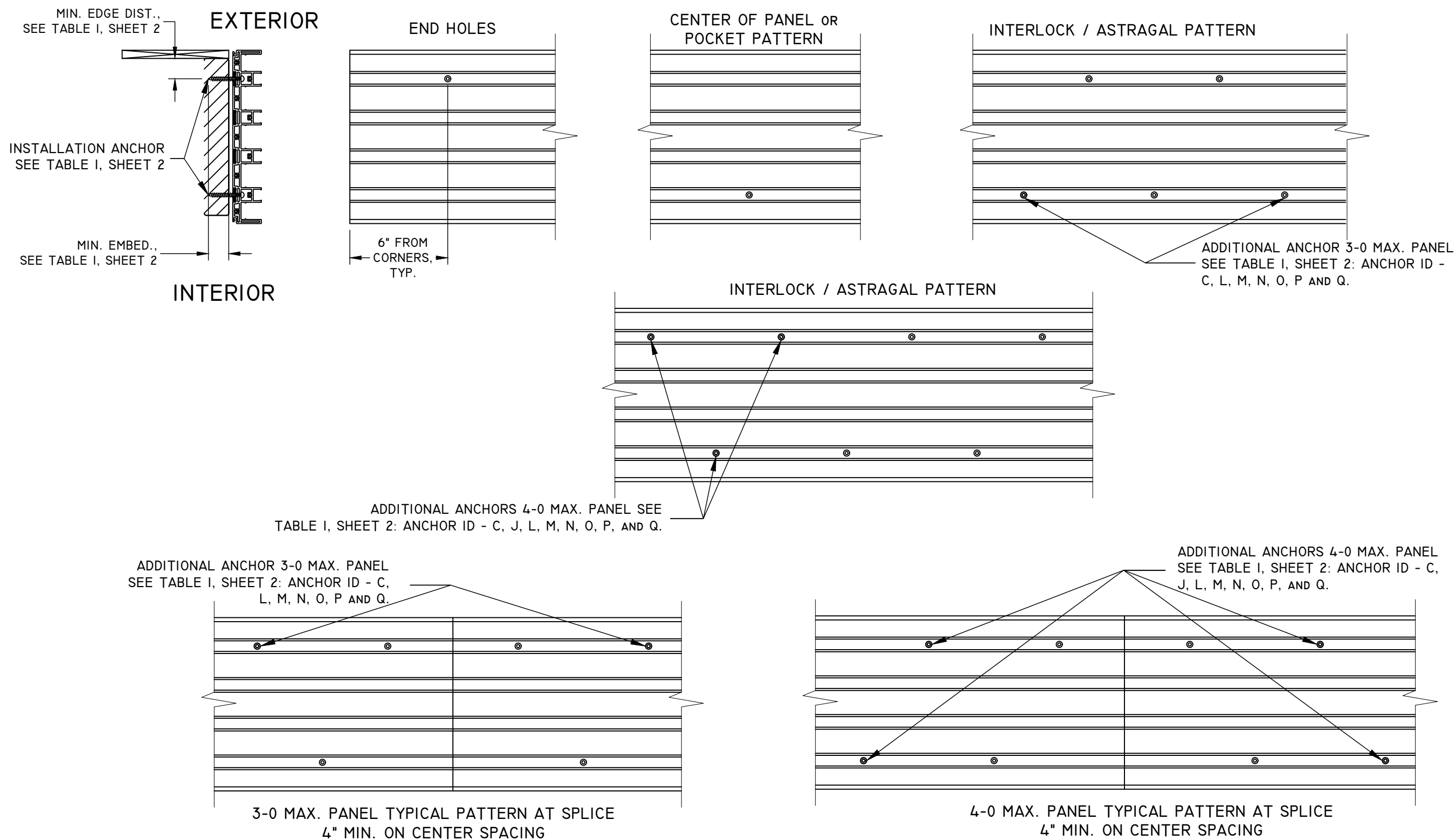
FL#: 41161

DWG #: PGW344

SHEET: 20 OF 28

# 4 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - HEAD

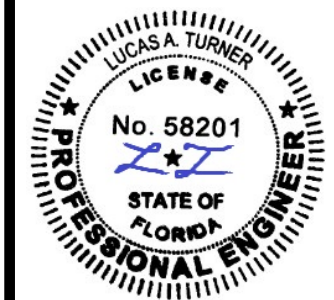
## HEAD - DP60 (+60/-65) HVHZ IMPACT



**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 25.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



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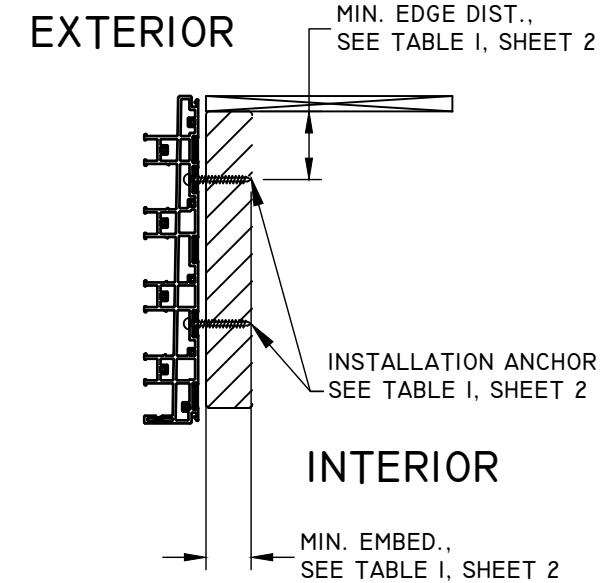
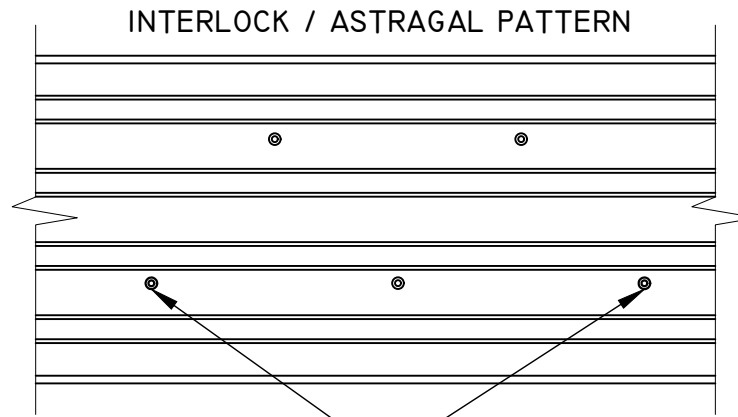
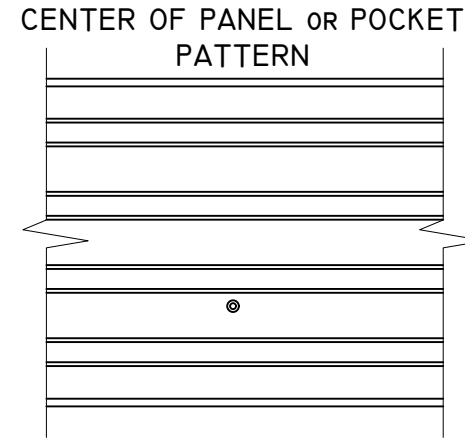
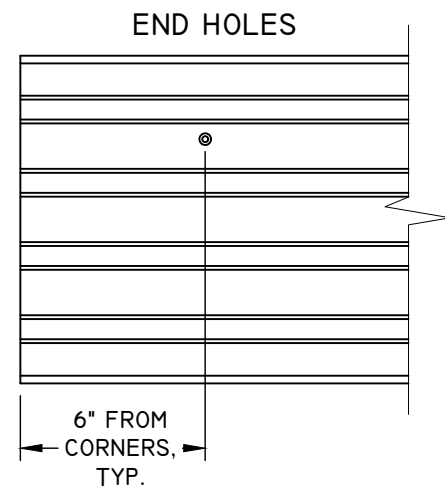
FL#:	41161
DWG #:	PGW344
SHEET:	21 OF 28

# 4 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - SILL

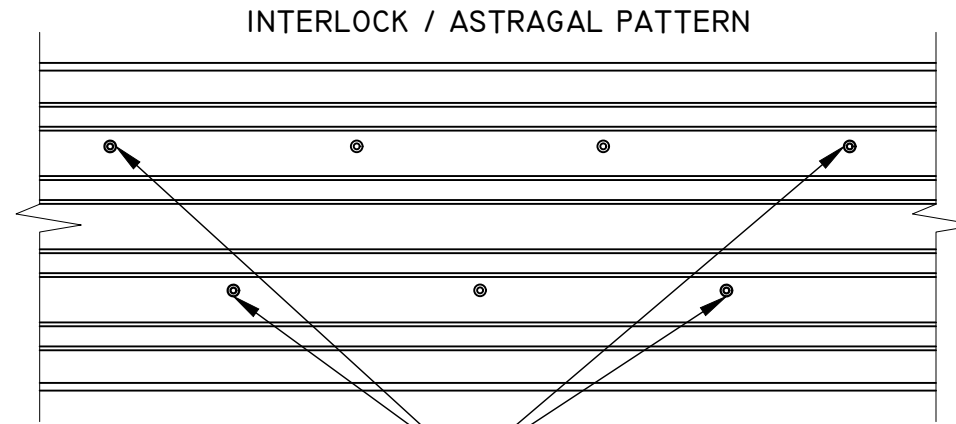
## SILL - DP60 (+60/-65) HVHZ IMPACT



Part of the Cornerstone Building Brands Family  
 433 N. MAIN ST.,  
 PO BOX 559,  
 ROCKY MOUNT, VA 24151  
 PH: 540-484-6348  
 FX: 540-484-6683

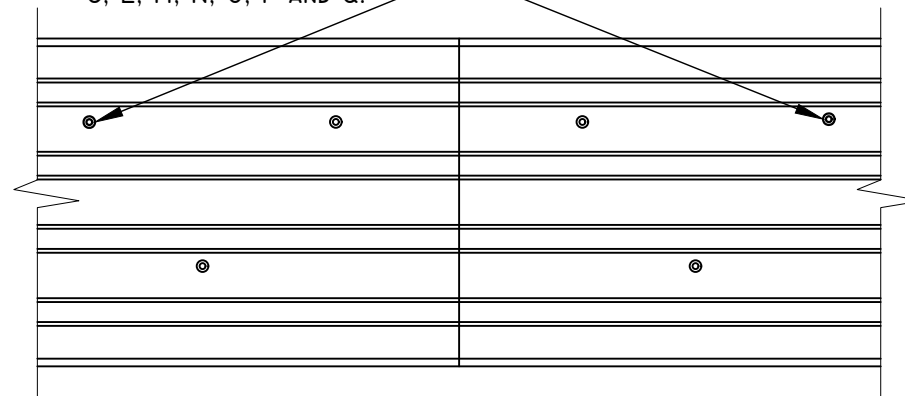


ADDITIONAL ANCHOR 3-0 MAX. PANEL SEE TABLE I, SHEET 2: ANCHOR ID - C, L, M, N, O, P AND Q.



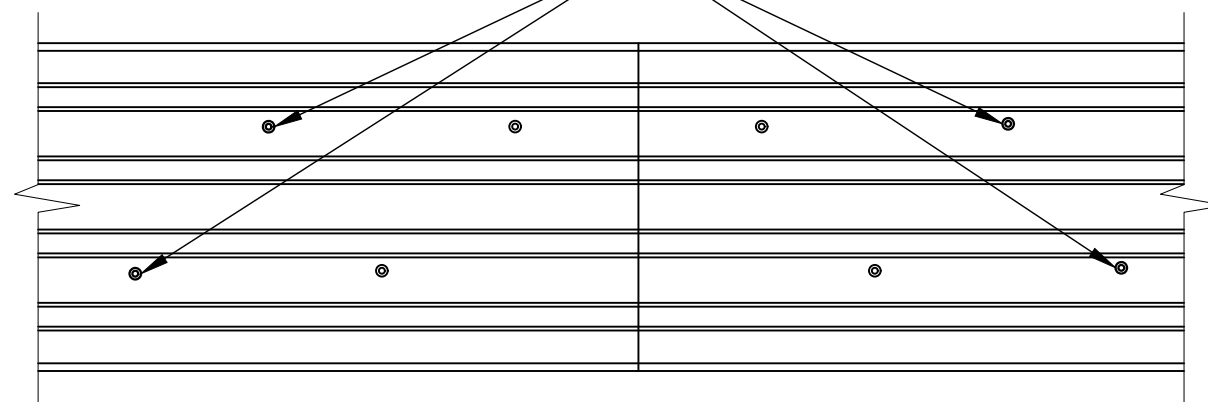
ADDITIONAL ANCHORS 4-0 MAX. PANEL SEE TABLE I, SHEET 2: ANCHOR ID - C, J, L, M, N, O, P, AND Q.

ADDITIONAL ANCHOR 3-0 MAX. PANEL SEE TABLE I, SHEET 2: ANCHOR ID - C, L, M, N, O, P AND Q.



3-0 MAX. PANEL TYPICAL PATTERN AT SPLICE  
 4" MIN. ON CENTER SPACING

ADDITIONAL ANCHORS 4-0 MAX. PANEL SEE TABLE I, SHEET 2: ANCHOR ID - C, J, L, M, N, O, P, AND Q.



4-0 MAX. PANEL TYPICAL PATTERN AT SPLICE  
 4" MIN. ON CENTER SPACING

**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 25.
6. FILL ALL PRE-DRILLED INSTALLATION HOLES WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF SCREWS ONCE PROPERLY SEATED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



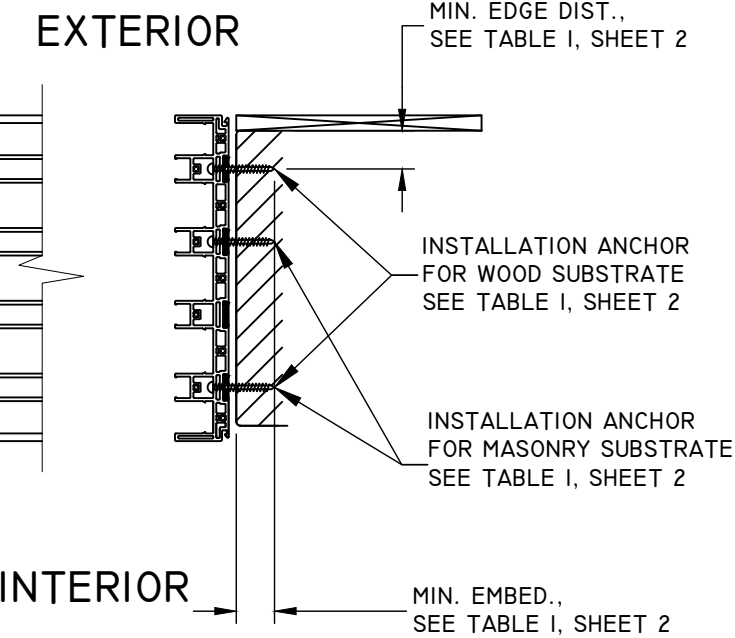
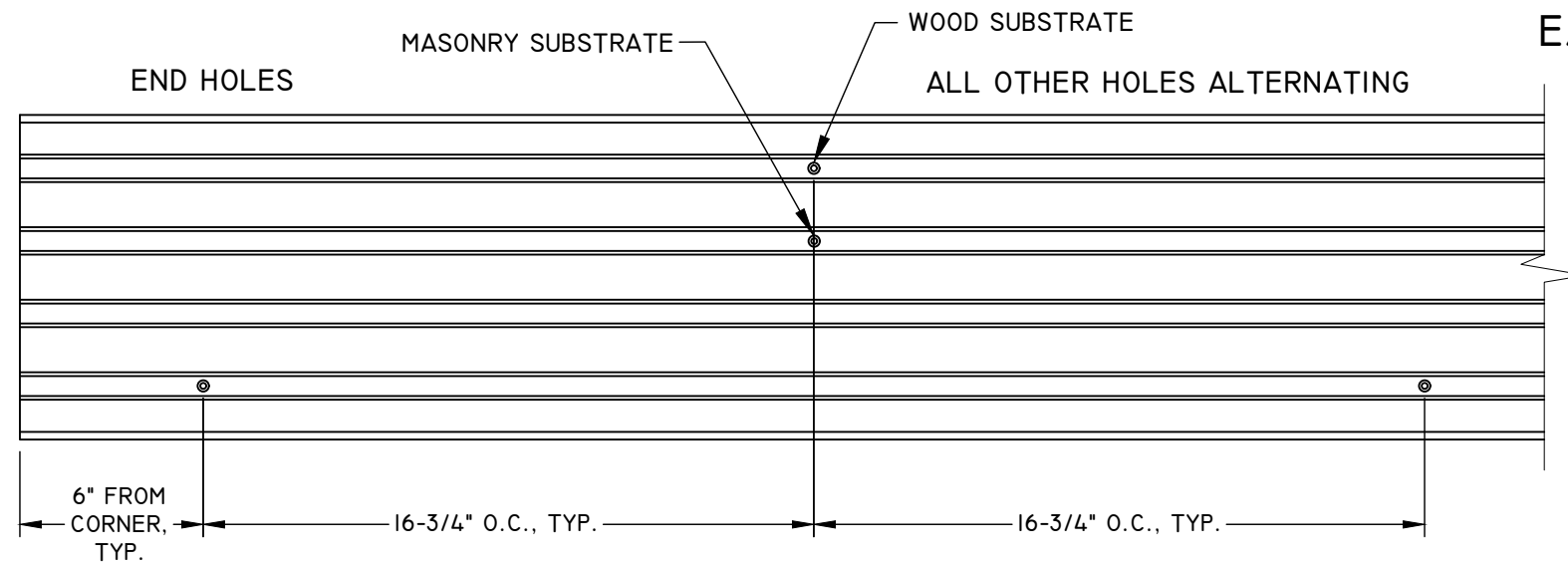
12/13/2023  
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 FL PE # 58201  
 TURNER ENGINEERING & CONSULTING, INC.  
 (COA # 29779)  
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 PH. 941-380-1574

FL#:	41161
DWG #:	PGW344
SHEET:	22 OF 28

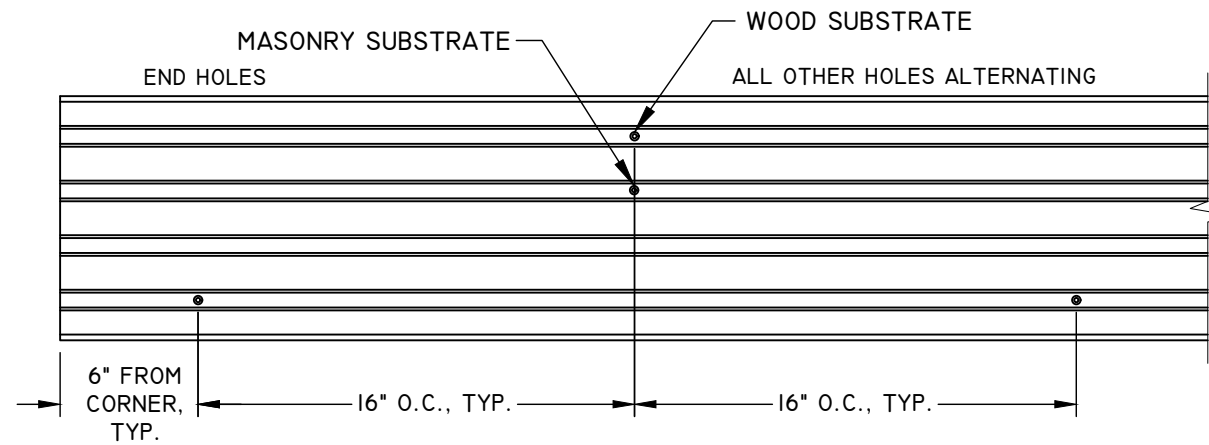
# 4 TRACK ANCHOR LAYOUT DETAILS BOX FRAME - JAMBS

## JAMB - DP60 (+60/-65) HVHZ IMPACT

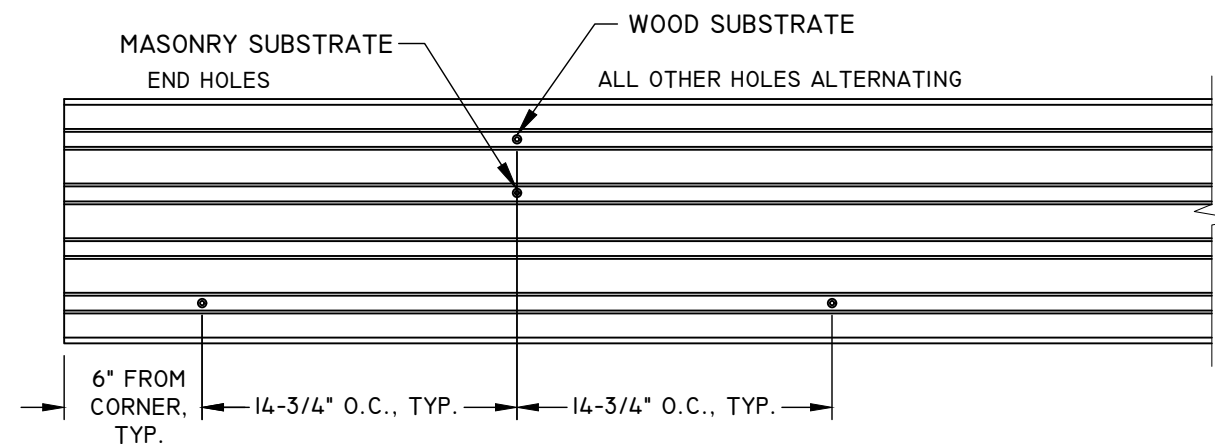
SEE TABLE I, SHEET 2:  
ANCHOR ID - A, D, F, G,  
H, I, J, K, P, AND Q.



SEE TABLE I, SHEET 2:  
ANCHOR ID - L, M, N, AND O.



SEE TABLE I, SHEET 2:  
ANCHOR ID - B, C, AND E.



**NOTES:**

1. INSTALLATION HOLES ARE FABRICATED BY MANUFACTURER.
2. SEE TABLE I, SHEET 2 OR TABLE 2, SHEET 3 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. FILL LEFT & RIGHT PRE-DRILLED JAMB INSTALLATION HOLES - 6" FROM CORNER OF SILL ONLY, WITH EXTERIOR GRADE SEALANT PRIOR TO INSERTING SCREWS AND APPLY SEALANT OVER THE HEAD OF THE SCREWS ONCE PROPERLY SEATED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT ANCHOR LAYOUT	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	

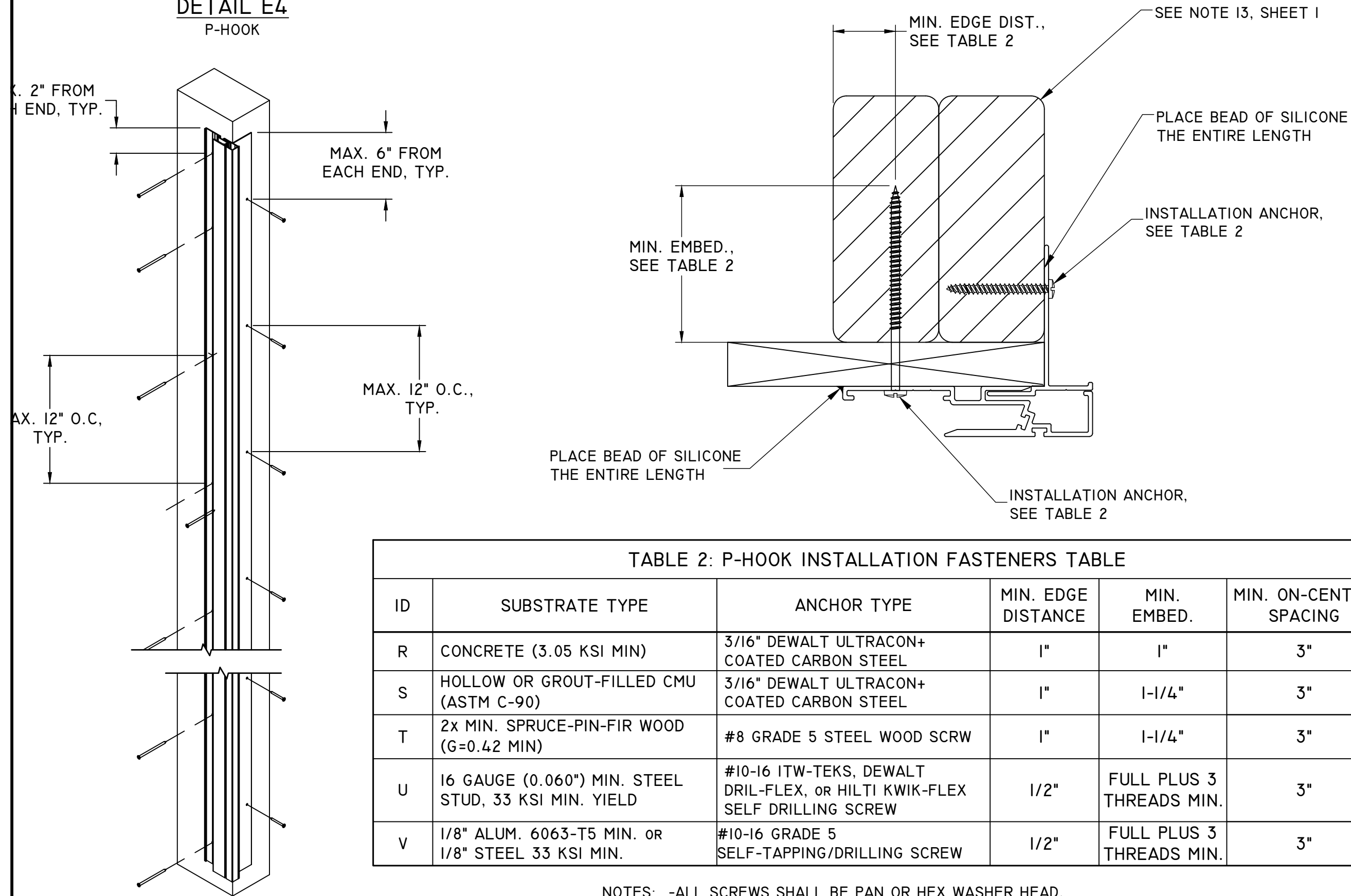


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PH. 941-380-1574

FL#: **41161**  
DWG #: **PGW344**  
SHEET: **23 OF 28**

# P-HOOK ANCHOR LAYOUT

**DETAIL E4**  
P-HOOK

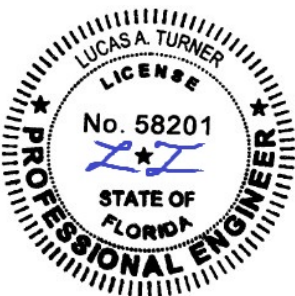


**TABLE 2: P-HOOK INSTALLATION FASTENERS TABLE**

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: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT P-HOOK ANCHOR LAYOUT DETAILS & TABLE 2	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



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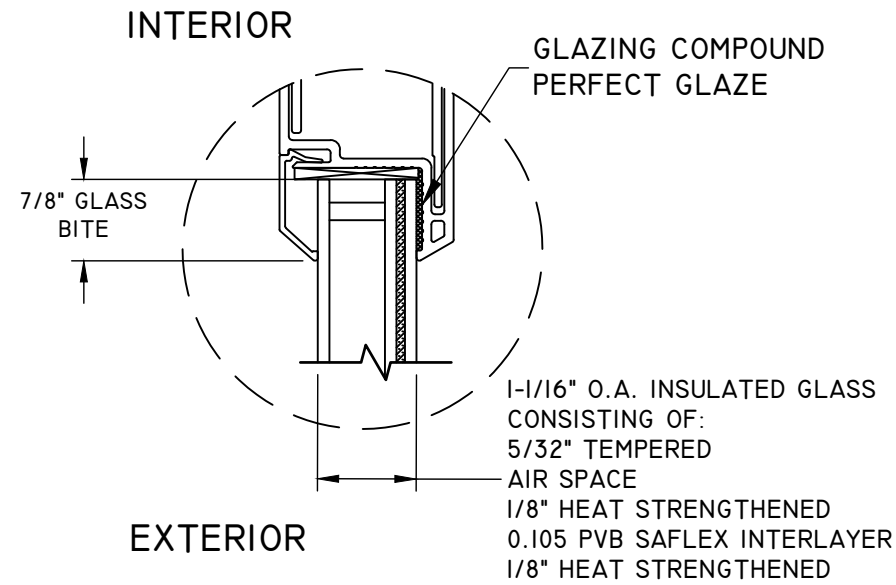
FL#: **41161**

DWG #: **PGW344**

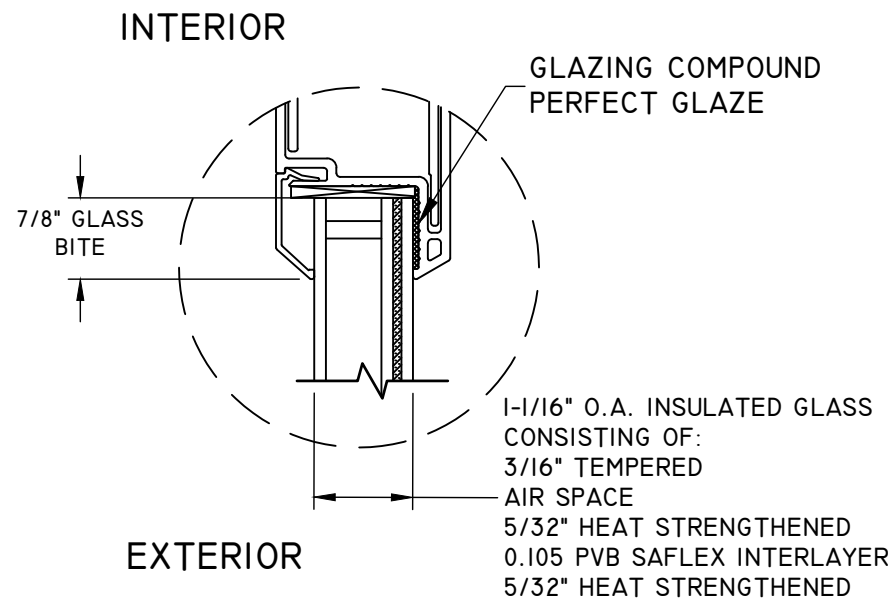
SHEET: **24 OF 28**



# SPLICE DETAILS

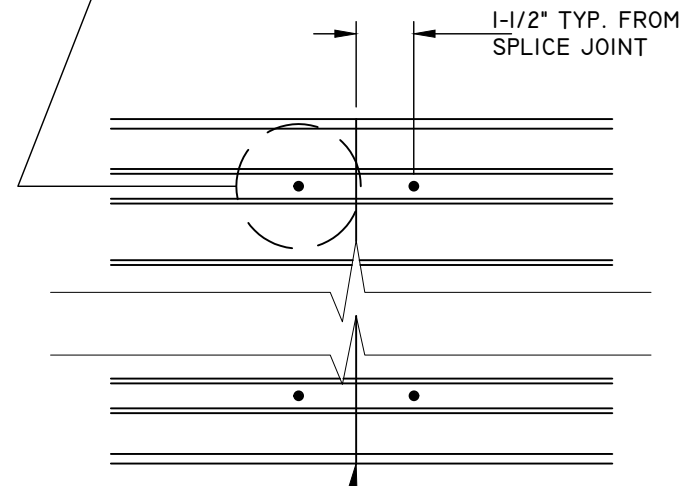
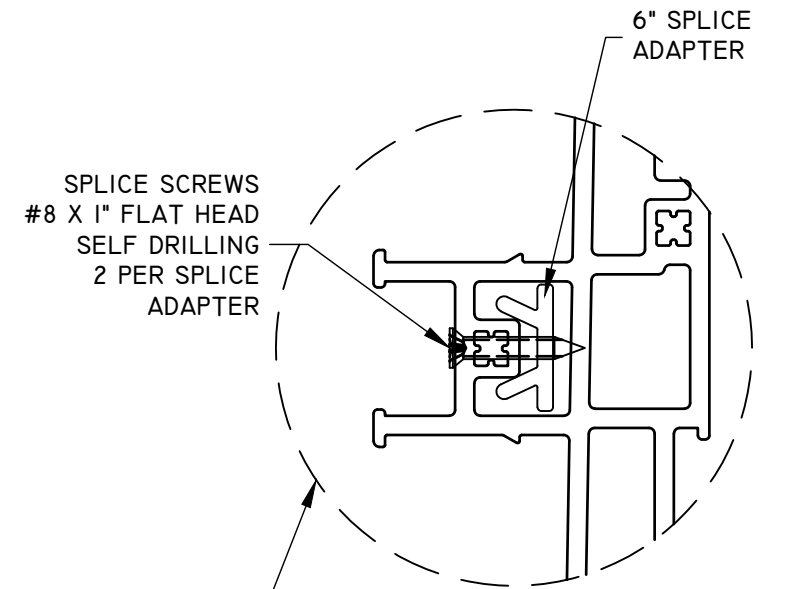


**GLAZING DETAIL 1**



**GLAZING DETAIL 2**

GLAZING NOTE:  
GLASS THICKNESS AND TYPE SHALL COMPLY WITH  
ASTM E-1300 GLASS CHART REQUIRMENTS.



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

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT GLAZING DETAILS & SPLICE DETAILS	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



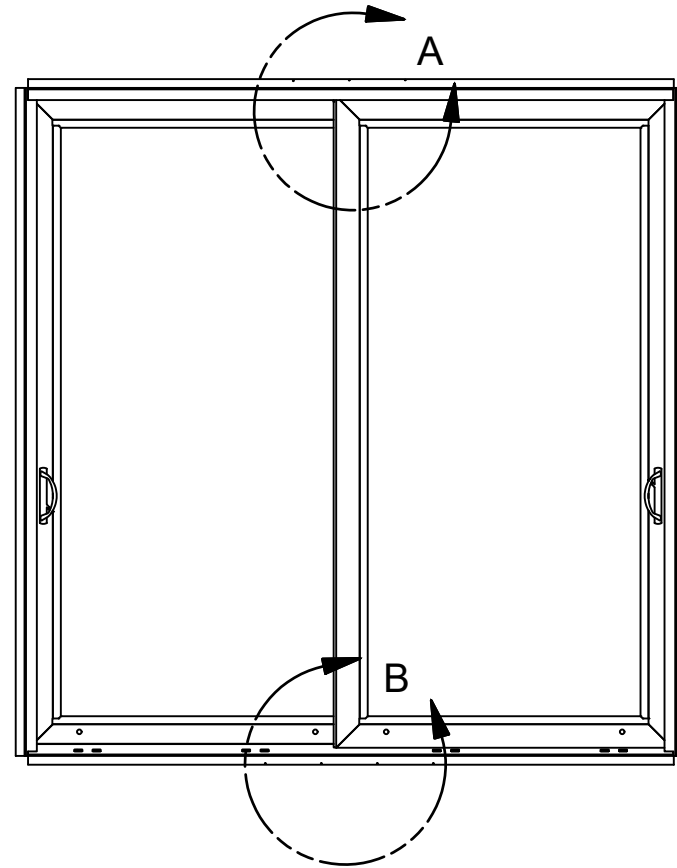
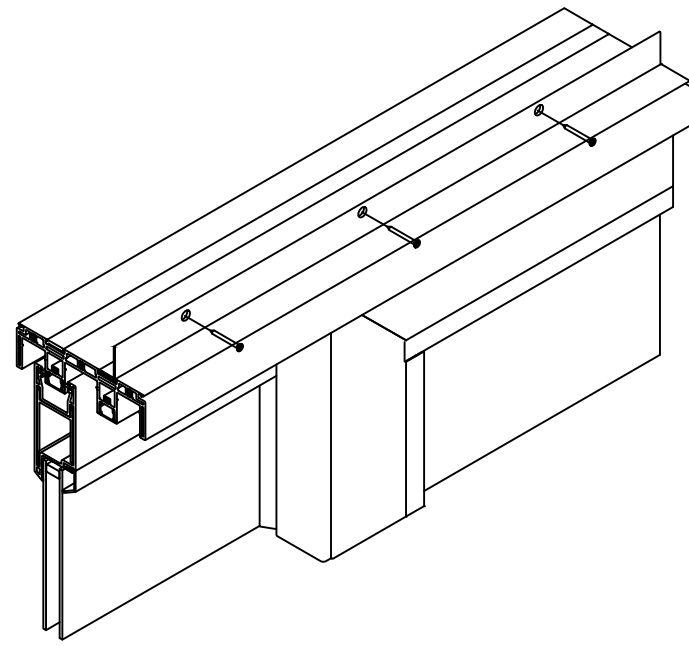
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CONSULTING, INC.  
(COA # 29779)  
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PH. 941-380-1574

FL#: **41161**

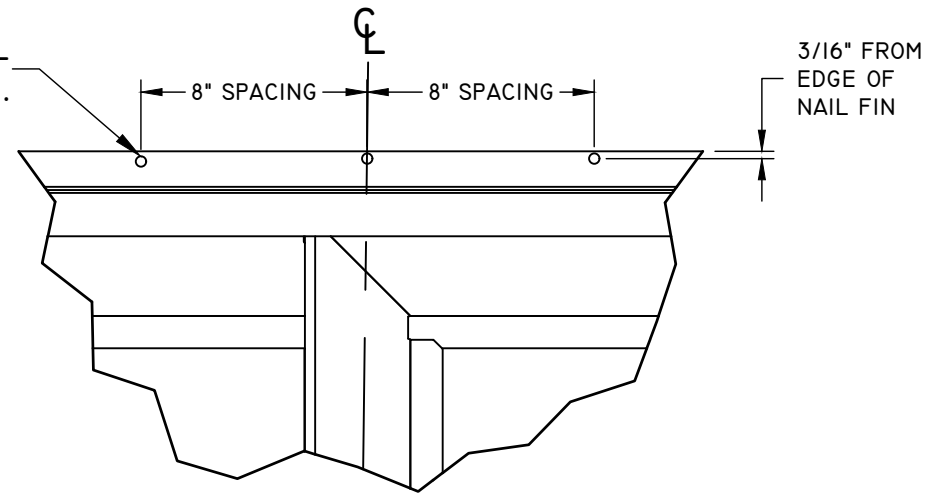
DWG #: **PGW344**

SHEET: **25 OF 28**

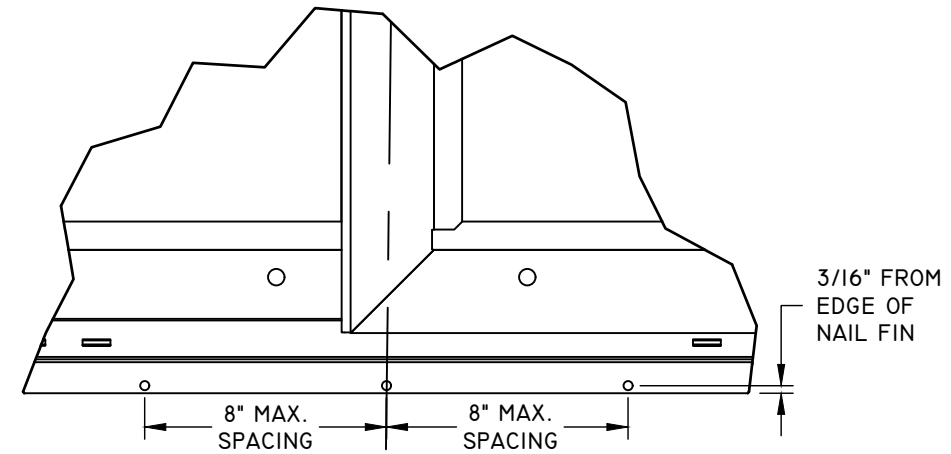
# NAIL FIN SUPPLEMENTAL PATTERN - HEAD AND SILL CENTERED AT INTERLOCK / ASTRAGAL



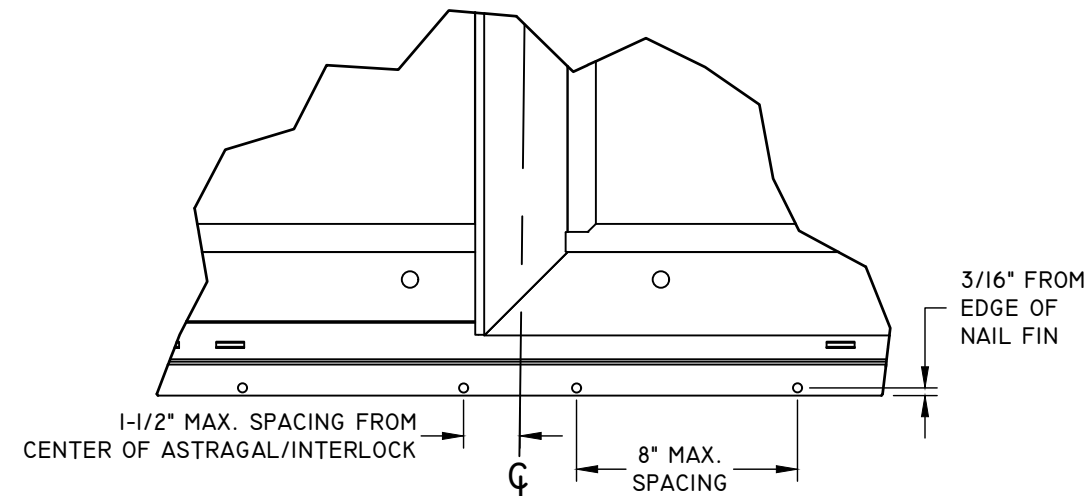
PRE-DRILL 3 - 1/8" NAIL  
FIN INSTALLATION HOLES.



DETAIL A



DETAIL B



DETAIL B - ALTERNATE  
2-TRACK SILL ONLY

TABLE 3: NAIL-FIN INSTALLATION FASTENERS TABLE

ID	SUBSTRATE TYPE	ANCHOR TYPE	MIN. EDGE DISTANCE	MIN. EMBED.	MIN. ON-CENTER SPACING
X	2x MIN. SPRUCE-PIN-FIR WOOD (G=0.42 MIN)	#8 GRADE 5 STEEL WOOD SCRW	5/8"	1-1/2"	3"
Y	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"
Z	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 FLAT HEAD.  
-PRE-DRILLING FOR ANCHORS INTO WOOD IS RECOMMENDED.

TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT NAIL FIN SUPPLEMENTAL PATTERN	DATE			
	BY			
NO.	REVISION DESCRIPTION			
DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS	



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PH. 941-380-1574

FL#: 41161

DWG #: PGW344

SHEET: 26 OF 28

# 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 1-1/16" IG	PVC
9	207983	SILL COVER	PVC
10	230326	ALUMINUM INTERLOCK	6061-T6 ALUMINUM
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: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT BILL OF MATERIAL	DATE			
	BY			
	REVISION DESCRIPTION			
NO.				

DATE: 09/18/23	DWN BY: LMH	CHK BY: SAS	SCALE: NTS
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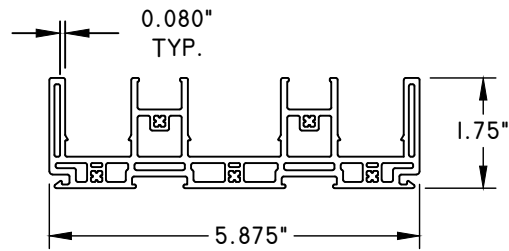
12/13/2023  
LUCAS A. TURNER, P.E.  
FL PE # 58201  
TURNER ENGINEERING &  
CONSULTING, INC.  
(COA # 29779)  
2428 OLD NATCHEZ TRACE  
TRAIL, CAMDEN, TN 38320  
PH. 941-380-1574

FL#: **41161**

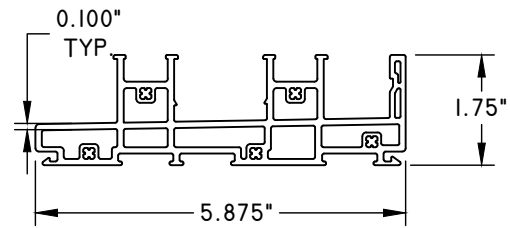
DWG #: **PGW344**

SHEET: **27 OF 28**

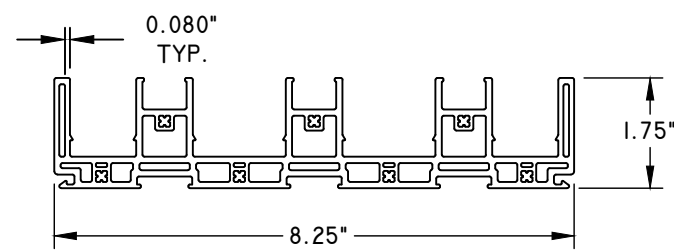
1 2 TRACK HEAD & JAMB PVC



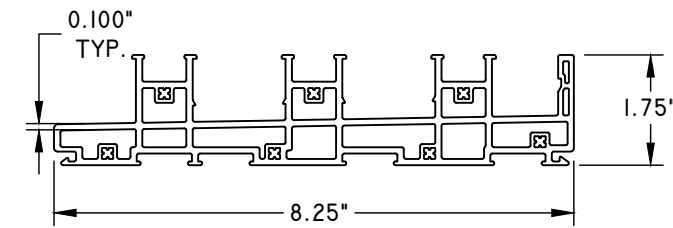
2 2 TRACK SILL PVC



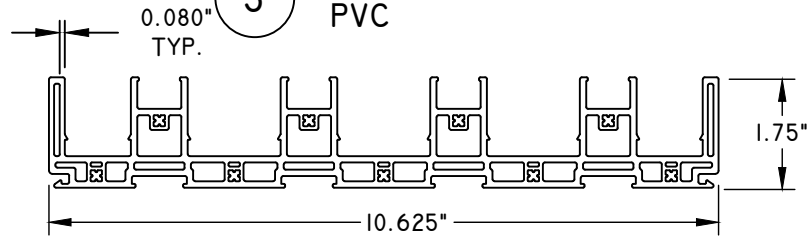
3 3 TRACK HEAD & SILL PVC



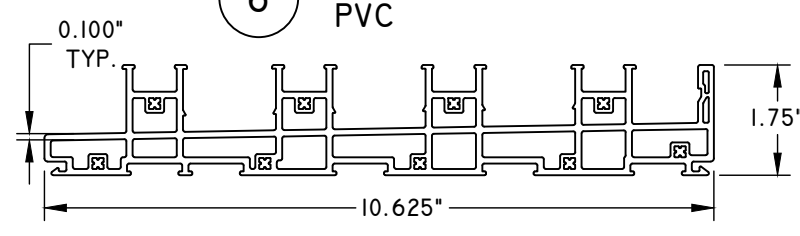
4 3 TRACK SILL PVC



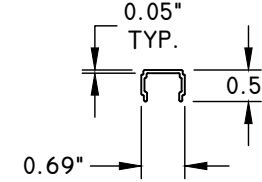
5 4 TRACK HEAD & JAMB PVC



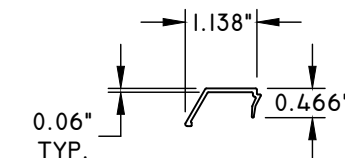
6 4 TRACK SILL PVC



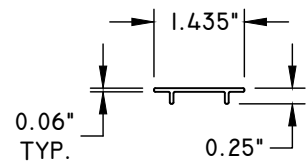
7 HEAD & SILL TRACK FILLER PVC



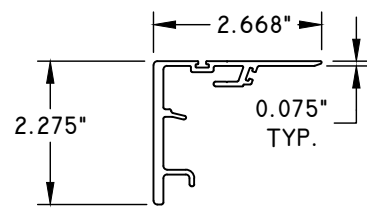
8 GLAZING BEAD PVC



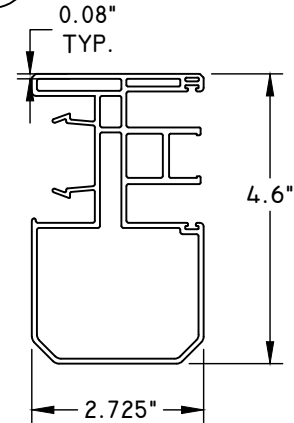
9 SILL COVER PVC



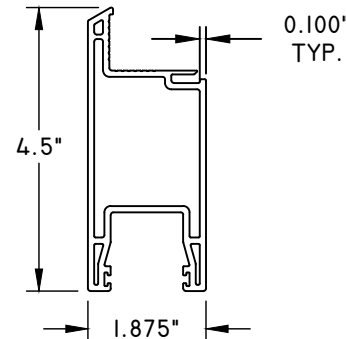
10 INTERLOCK ALUMINUM



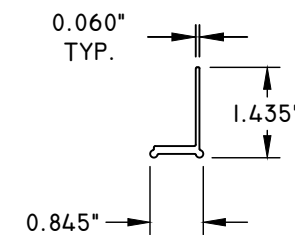
11 ASTRAGAL PVC



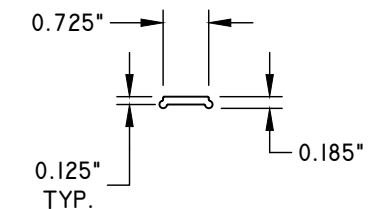
12 PANEL STILE & RAIL PVC



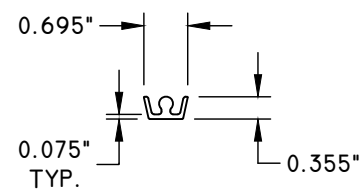
13 NAIL FIN ALUMINUM



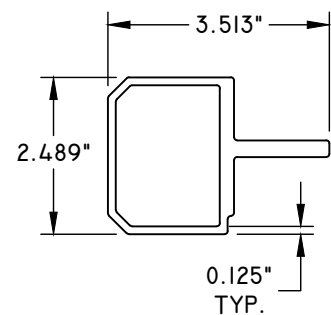
14 FRAME ANCHOR PLATE ALUMINUM



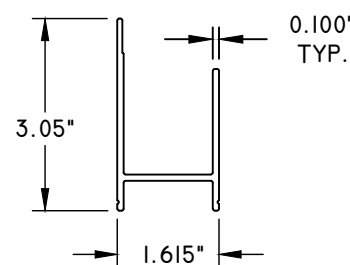
15 ROLLER TRACK ALUMINUM



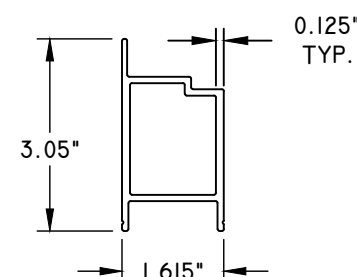
16 ASTRAGAL REINFORCEMENT ALUMINUM



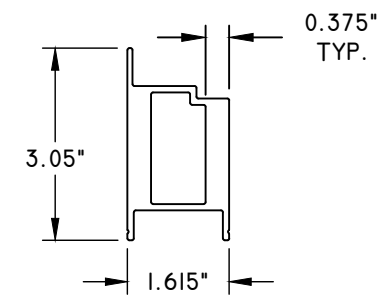
17 RAIL REINFORCEMENT ALUMINUM



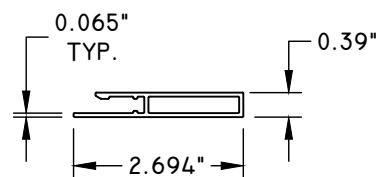
18 STILE REINFORCEMENT .125" ALUMINUM



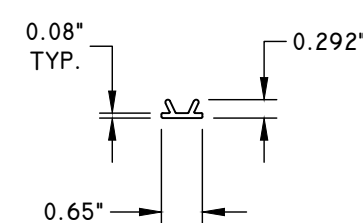
19 STILE REINFORCEMENT .375" ALUMINUM



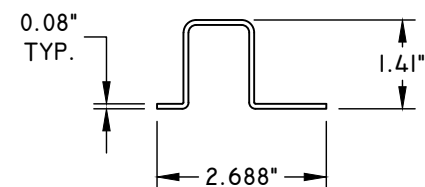
20 SILL RISER 50 ALUMINUM



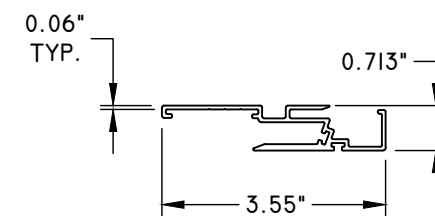
21 SPLICE ADAPTER ALUMINUM



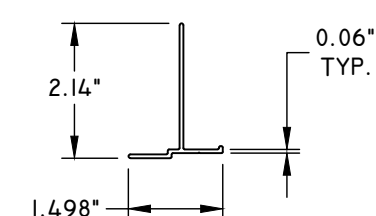
22 FIXED PANEL CLIP ALUMINUM



23 P-HOOK ALUMINUM



24 POCKET DOOR T-BASE ALUMINUM



TITLE: PERSPECTIVE MULTI-SLIDE PD HVHZ IMPACT COMPONENTS	DATE			
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DWG #: PGW344  
SHEET: 28 OF 28