Engineering Evaluation Report #0770-041626-I

Prepared by:
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3400 Precision Drive
N. Venice, FL 34275
(941) 480-1600
Registration Number: #29296

Manufacturer:
PGT Industries
3400 Precision Drive
N. Venice, FL 34275

Product Description:
SGD770NS Series Impact-resistant Aluminum Sliding Glass Door, (LM & SM); FL Approval #33106

Compliance:
The above-mentioned product has been evaluated for compliance with the requirements of the Florida Department of Business and Professional Regulation for Statewide Acceptance per Rule 61 G20-3.005 method 1(d). The product listed herein complies with requirements of the current Florida Building Code.

This product has been evaluated and is in compliance with the current Florida Building Code, including the “High Velocity Hurricane Zone” (HVHZ).

Supporting Technical Documentation:
1. Approval document: drawing number 770NSFPA-LM, signed and sealed by A. Lynn Miller, P.E.

2. Test Report Nos.:
FTL-5980, dated 7/18/09, and FTL-5993, dated 7/28/09, signed and sealed by Julio Gonzalez P.E.
FTL-6001, FTL-6014, FTL-6015, FTL-6017, FTL-6022, FTL-6023, FTL-6024, FTL-6025, FTL-6028, FTL-6031, FTL-6033, FTL-6036, dated 8/7/09 signed and sealed by Julio Gonzalez P.E.
FTL-7554, dated 10/11/13 signed and sealed by Marlin Brinson P.E.
QAI NOK-0013 dated 01/30/23 and QAI NOK-0024 dated 6/7/23 signed and sealed by Idalmis Ortega P.E.
QAI NOK-0142 dated 03/20/26 signed and sealed by Idalmis Ortega P.E.
QAI NOK-0149 and QAI NOK-0158 dated 3/20/26 signed and sealed by Idalmis Ortega P.E.
QAI NOK-0161 and QAI NOK-0162 dated 6/1/26 signed and sealed by Idalmis Ortega P.E.

FTL: Fenestration Testing Laboratory Inc.
QAI: QAI Laboratories

TAS 201-94 Large Missile Impact Test
TAS 202-94 Uniform Static Air Pressure Test
TAS 203-94 Cyclic Pressure Loading Test

3. Calculations: signed and sealed by A. Lynn Miller, P.E., dated 12/20/22, 02/13/23, 6/6/23, 9/6/23, 4/10/26, 6/15/26

Limitations and Conditions of use:
- Units must be glazed per ASTM E1300-09, refer to approval document for glazing details.
- This product is rated to be used in the HVHZ.
- This product is impact resistant and does not require impact protection in wind borne debris regions.
- Frame and panel material to be extruded Aluminum.
- Units must be installed in accordance with approval documents.



SERIES 770NS IMPACT RESISTANT, NARROW STILE SLIDING GLASS DOOR INCLUDING POCKETS & 90° / 135° CORNERS

1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.

3) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND ASTM E1300 CALCULATIONS.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND ASTM E1996 CALCULATIONS.
C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN (ASD).

4) ANCHORAGE: THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE. FOR ANCHORAGE DETAILS SEE SHEETS 11-14.

5) OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.

6) SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE, AS APPLICABLE.

DESIGN PRESSURE RATING	IMPACT RATING
SEE TABLES 14-20A SHEETS 9-10	RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE

TABLE A

Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. O.C. Distance	Min. Embedment or Metal Thickness
A	#12 316 SMS or #14 410 SS (IMS)	A4	Southern Pine (SG = 0.55)	9/16"	7/8"	1-1/4"
			6063-T5 Aluminum	3/8"	9/16"	0.081" (20 Ga)
			A36 Steel	3/8"	9/16"	0.060"
			Ga. 33 Steel Stud	3/8"	9/16"	0.345" (18 Ga)
	3/4" Dekwall Aggre-Gator	A4	Concrete (min. 2.38 ksi)	1-1/2"	3"	1-3/4"
		Jamb / Panel	Filled Block (ASTM C90)	3"	3"	3"
		Jamb / Panel	Hollow Block (ASTM C90)	3"	3"	1-1/4"
		A4	Southern Pine (SG = 0.55)	1"	1"	1-1/4"
B	#12 Steel Bolt (Qty. 1)	A4	Southern Pine (SG = 0.55)	9/16"	7/8"	1-1/2"
			6063-T5 Aluminum	3/8"	9/16"	0.081" (20 Ga)
			A36 Steel	3/8"	9/16"	0.060"
			Ga. 33 Steel Stud	3/8"	9/16"	0.345" (18 Ga)
C	1/4" Dekwall UltraCon	A4	Concrete (min. 2.38 ksi)	1"	4"	1-3/4"
		Jamb / Panel	Hollow Block (ASTM C90)	1"	4"	1-1/4"
D	1/4" Dekwall UltraCon	A4	Concrete (min. 2.38 ksi)	2-1/2"	4"	1-3/4"
		Jamb / Panel	Filled Block (ASTM C90)	2-1/2"	4"	2-3/4"
	1/4" #10 SS Dekwall Duplex	Head / Sill	Concrete (min. 2.38 ksi)	1"	4"	1-3/4"
		A4	Southern Pine (SG = 0.55)	1"	1"	1-3/4"

1) WHERE SUBSTRATE CONDITIONS REQUIRE ANCHORAGE FROM MORE THAN ONE OF THE ANCHOR GROUPS ABOVE, CHOOSE THE ANCHOR GROUP OF THE LOWEST LETTER FOR ALL TABLES IN THIS APPROVAL.
2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.
3) HOLLOW BLOCK INSTALLATIONS ALSO BE USED IN FILLED BLOCK APPLICATIONS.
4) ANCHORS MUST BE OF SUFFICIENT LENGTH SO THAT A MINIMUM OF 1 THREAD EXTENDS BEYOND METAL SUBSTRATE.

ANCHOR NOTES:
1) SEE TABLE A ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE ANCHORAGE REQUIREMENTS.

2) WOOD BUCKS DEPICTED AS 1A ARE LESS THAN 1-1/2" THICK, PROPERLY SECURED. 1A WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE. WOOD BUCKS DEPICTED AS 2A ARE 1-1/2" THICK OR GREATER. 1A AND 2A BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.

3) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE.

4) IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, MIN. 1/4" THICK & 2400 PSI MIN., (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 30# FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

GENERAL NOTES 1
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PGT INDUSTRIES

SERIES 770NS IMPACT RESISTANT, NARROW STILE SLIDING GLASS DOOR INCLUDING POCKETS & 90° / 135° CORNERS

GEN. NOTES AND ANCHOR

DRAWING NO. A-MORELEN

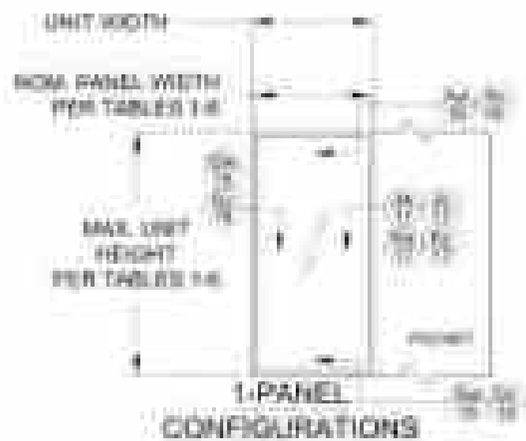
SHEET NO. 1

REVISIONS

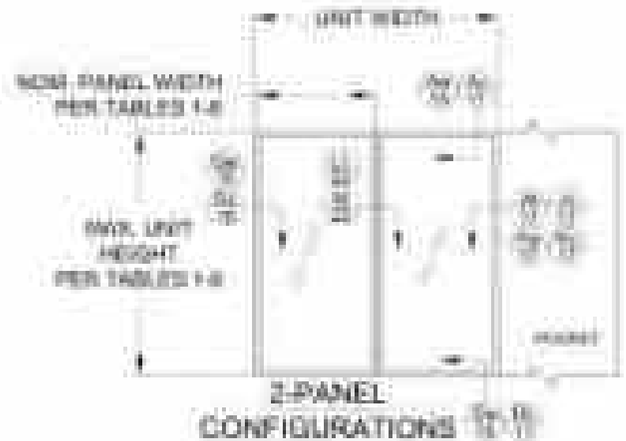
PROFESSIONAL ENGINEER

STATE OF FLORIDA

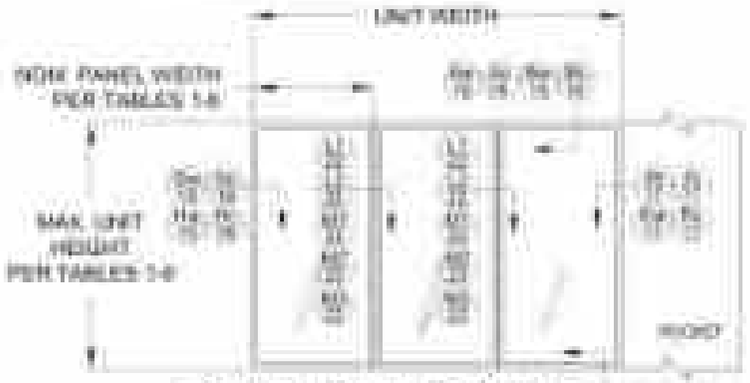
EXAMPLE CONFIGURATIONS



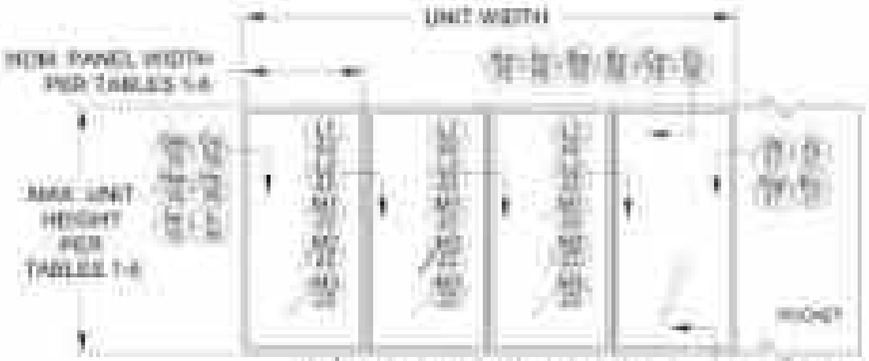
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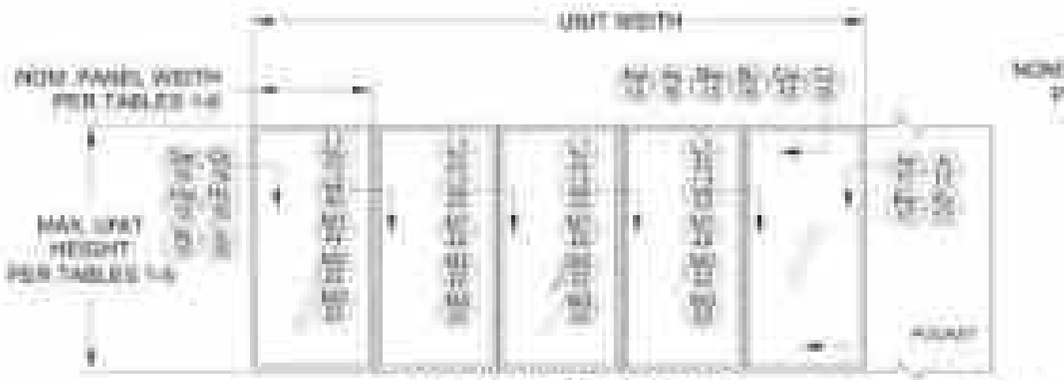
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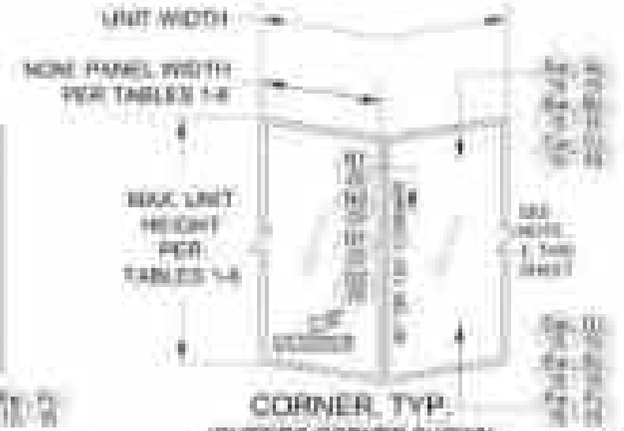
3-PANEL CONFIGURATIONS



4-PANEL CONFIGURATIONS



5-PANEL CONFIGURATIONS



CORNER TYP.
(OUTSIDE CORNER SHOWN. INSIDE CORNER SIMILAR)

CONFIGURATIONS NOTES:

1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "JA", "JC" "NJA" OR "NJC" INSTALLATION.
EXAMPLE: 4-PANEL XOXX IN POCKET (c) CONFIGURATION CAN BE pXOXXp, pXOXX OR XXXXp. OXXX IN POCKET CONFIGURATION CAN BE OXXXp.

2) 90° & 135° CORNER CONFIGURATIONS CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.

3) FOR NOM. PANEL WIDTH: SEE TABLES 1-6

4) FOR INSTALLATIONS IN THE HVHZ, LIMIT FRAME SQUARE FOOTAGE TO 375 S.F.

"X" = OPERABLE PANEL
"O" = INOPERABLE PANEL
"p" = POCKET

SIGNAL LETTER
"w" = WOOD OR METAL INSTALLATION
"v" = CONCRETE INSTALLATION
SHEET NUMBER

MAX. GLASS WIDTH = NOMINAL PANEL WIDTH= 3.25'
MAX. D.O. WIDTH = NOM. PANEL WIDTH - 4.75"
D.O. HEIGHT = DOOR UNIT HEIGHT - 10 1/2"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1 5/8"

NO.	REVISIONS	BY	DATE
1	ADDED NOA REVISION		

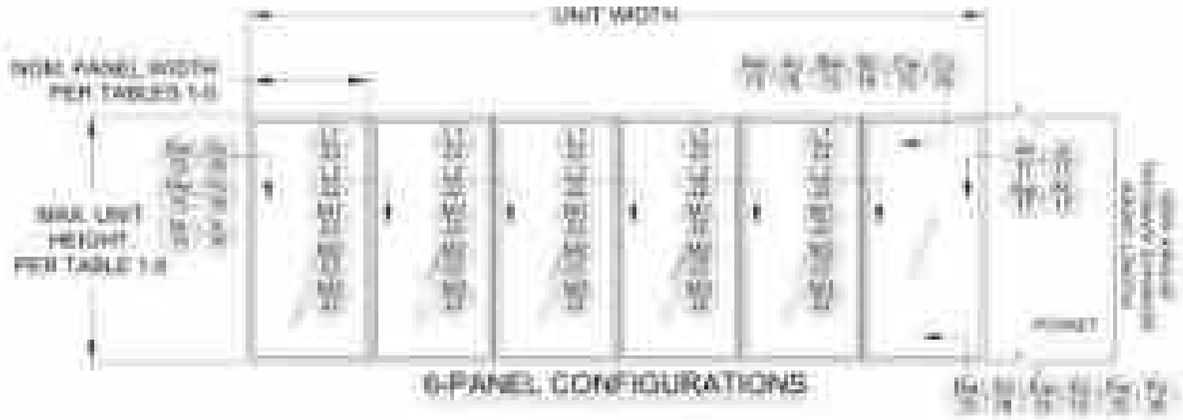
PGT INDUSTRIES

EXAMPLE CONFIGURATIONS

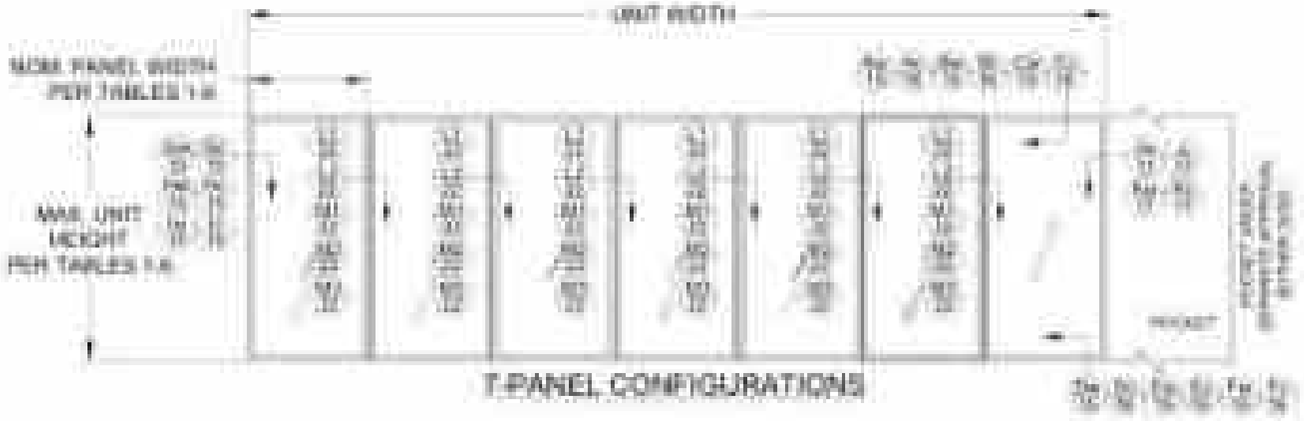
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STATE OF FLORIDA

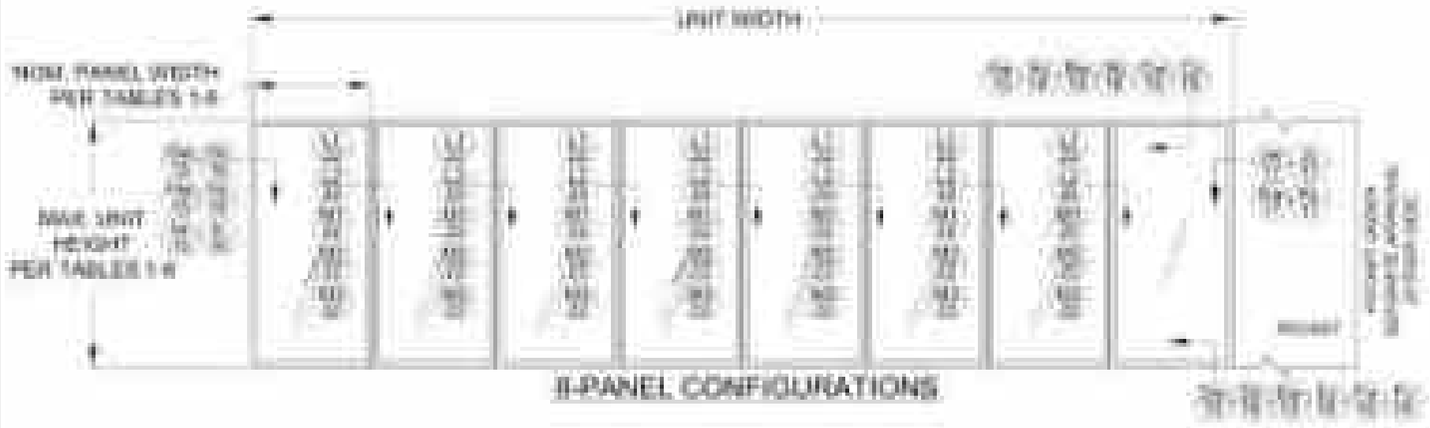
EXAMPLE CONFIGURATIONS



6-PANEL CONFIGURATIONS



7-PANEL CONFIGURATIONS



8-PANEL CONFIGURATIONS

CONFIGURATIONS NOTES:
1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "JW", "JV", "MW" OR "MV" INSTALLATION. EXAMPLE: A PANEL XXXX IN POCKET (2) CONFIGURATION CAN BE pXXXXs, sXXXXp OR pXXXXp. OXXX IN POCKET CONFIGURATION CAN BE OXXXp.

2) 90° & 135° CORNER CONFIGURATIONS CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.

3) FOR NOM. PANEL WIDTH, SEE TABLES 1-6.

4) FOR INSTALLATIONS IN THE HVHZ, LIMIT PRIME SQUARE FOOTAGE TO 375 S.F.

"X" = OPERABLE PANEL
"O" = INOPERABLE PANEL
"p" = POCKET



MAX. GLASS WIDTH = NOMINAL PANEL WIDTH+ 3.25"
MAX. O/O WIDTH = NOM. PANEL WIDTH+ 4.75"
O/O HEIGHT = DOOR UNIT HEIGHT - 11 1/2"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1 5/8"

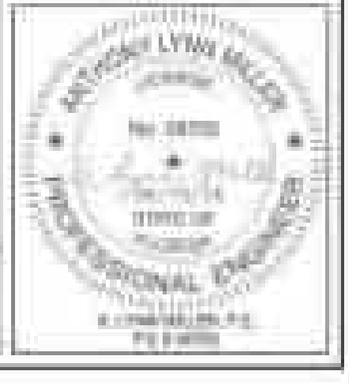
1	10/15/20	RF - REVISED PER COMMENTS

PGT INDUSTRIES

EXAMPLE CONFIGURATIONS

ENGINEERING DRAWING

DRAWN BY:	
CHECKED BY:	
DATE:	
SCALE:	NTS
DRAWING NO.	
SHEET NO.	



GLAZING DETAILS



GLASS TYPE 3
7/16" NOM.



GLASS TYPE 3A
9/16" NOM.



GLASS TYPE 4
7/16" NOM.



GLASS TYPE 4A
5/16" NOM.



GLASS TYPE 5
1" NOM.



GLASS TYPE 5A
1" NOM.



GLASS TYPE 6
1" NOM.

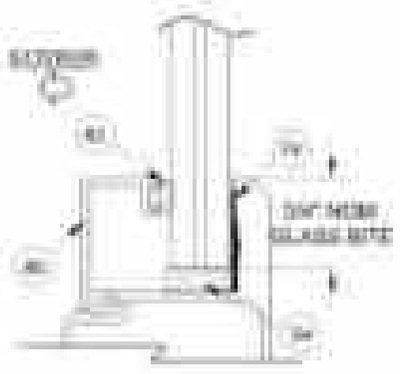


GLASS TYPE 6A
1" NOM.

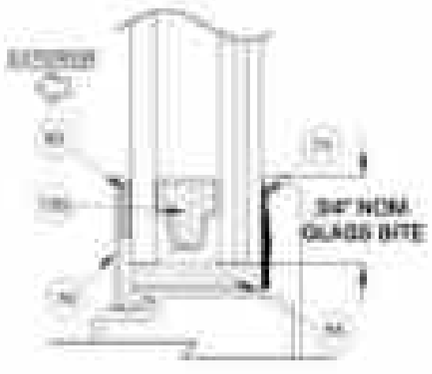
TABLE 5

Glass Type	Description (Listed from Exterior to Interior)
3	[illegible]
3A	[illegible]
4	[illegible]
4A	[illegible]
5	1" LAMI IG: [illegible]
5A	1" LAMI IG: [illegible]
6	1" LAMI IG: [illegible]
6A	1" LAMI IG: [illegible]

HS = HEAT STRENGTHENED
TP = TEMPERED
PVB = TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC.
SG = SENTRYGLAS PVB INTERLAYER BY KURARAY AMERICA, INC.



LAM. GLAZING DETAIL



LAM. IG GLAZING DETAIL

NO.	REVISION	DATE
1	[illegible]	[illegible]

PGT
[illegible]
GLAZING DETAILS
[illegible]

[illegible] LYNN MILLER
No. [illegible]
PROFESSIONAL ENGINEER

Table 1

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)

+60/-60 psf

Table applies to: Glass Types 3, 3A, 4, & 4A. Keep required, see details "1.1" & "1A1", page 22. Pos. (+) DP may be written by Table 1A.

Door Unit Height

Nominal Panel Width				50"				64"				76"				96"				96"			
				50 7/8" DLO				76 7/8" DLO				76 7/8" DLO				96 7/8" DLO				97 1/8" DLO			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
24"	70-1/4" DLO	Head/Sill		(1)4+1	(1)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1
		Jamb		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
		# Fstnr		6+7	6+7	7+7	8+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8	8+8	8+8	8+8	8+8
36"	25-1/8" DLO	Head/Sill		(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1
		Jamb		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
		# Fstnr		6+7	6+7	7+7	8+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8	8+8	8+8	8+8	8+8
48"	31-1/8" DLO	Head/Sill		(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1
		Jamb		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
		# Fstnr		6+7	6+7	7+7	8+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8	8+8	8+8	8+8	8+8
60"	37-1/8" DLO	Head/Sill		(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1
		Jamb		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
		# Fstnr		6+7	6+7	7+7	8+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8	8+8	8+8	8+8	8+8
72"	43-1/8" DLO	Head/Sill		(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1	(2)4+1				
		Jamb		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8				
		# Fstnr		6+7	6+7	7+7	8+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8				

+60/-60 psf

TABLE 1A

Sill Height to Max. (+) DP
(Water Infiltration Rating)

Sill Riser Height (Refer to Riser Info Sheet 2.0)	H-1 Design Pressure (+)
Fixed - 0"	(see table 1)
Low - 0 1/2"	+ 40.00
Minimum - 5 1/4"	+ 50.0
High - 7"	+ 60.0

SEE NOTES BELOW

FOR EXAMPLE ON USING TABLE, SEE SHEET 11

NOTES:

1. IF WATER INFILTRATION RESISTANCE IS REQUIRED THE LESSER VALUES OF EITHER TABLE 1 AND TABLE 1A DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.

2. IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED ON OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IN THAT CASE, +DP'S SHOWN IN TABLE 1 MAY BE USED.

3. SEE SILL RISER TYPES ON SHEET 20. SHEET APPLIES TO 3, 3 AND 4 TRACK CONFIGURATIONS.

4. REFER TO ANCHOR NOTES, SHEET 1 & ENCLOSED SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.

5. DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.

6. JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY. DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

Fig 1

OH-HEIGHT

OH-LENGTH

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT IS EXEMPTED FROM WATER INFILTRATION RESISTANCE

MAX. GLASS WIDTH = NOMINAL PANEL WIDTH -3.25"
MAX. DLO WIDTH = NOM. PANEL WIDTH - 4.75"
DLO HEIGHT = DOOR UNIT HEIGHT - 15 1/2"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1 3/8"

NO CHANGES THIS SHEET

PGT INDUSTRIES

ESTIMATING

DP & ANCHORAGE

SCALE: N.T.S.

DRAWN BY: T. THOMPSON

APPROVED BY: A. MORELESS

DATE: 12/21/21

DRAWING NO. 1

SHEET NO. 1

PROFESSIONAL ENGINEER

TABLE 2:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3) — +90/-90 psf

Table applies to: Sliding Types 4, 4A, 6, & 6A. Panel required, see details "L1" & "M1", page 22. Max. (+) DP may be limited by Table 2A.

Nominal Panel Width / Door Unit Height (DLO) / Anchor Group

Width	DLO	Location	80" (69-7/8" DLO) A	B	C	D	84" (73-7/8" DLO) A	B	C	D	90" (79-7/8" DLO) A	B	C	D	96" (85-7/8" DLO) A	B	C	D	98" (87-7/8" DLO) A	B	C	D
24"	19-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
		Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	10	11	10	10
		F-Hook	6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8	8+8	8+8	8+8	8+8
30"	25-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C5+1	C5+1	C4+1	C4+1	C5+1	C5+1	C4+1	C4+1	C5+1	C5+1	C4+1	C4+1	C5+1	C5+1	C5+1	C4+1
		Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
		F-Hook	6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8	8+8	8+8	8+8	8+8
36"	31-1/4" DLO	Head/Sill	C5+1	C5+1	C4+1	C4+1	C5+1	C5+1	C5+1	C4+1	C5+1	C5+1	C5+1	C4+1	C5+1	C5+1	C5+1	C4+1	C5+1	C5+1	C5+1	C4+1
		Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
		F-Hook	6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8	8+8	8+8	8+8	8+8
40"	35-1/4" DLO	Head/Sill	C5+1	C5+1	C5+1	C4+1	C5+1	C5+1	C5+1	C4+1	C5+1	C5+1	C5+1	C4+1	C5+1	C5+1	C5+1	C4+1	C5+1	C5+1	C5+1	C4+1
		Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
		F-Hook	6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8	8+8	8+8	8+8	8+8
42"	37-1/4" DLO	Head/Sill	C5+1	C5+1	C5+1	C4+1	C5+2	C5+2	C5+1	C4+1	C5+1	C5+1	C5+1	C4+1	C5+2	C5+2	C5+1	C4+1	C5+2	C5+2	C5+1	C5+1
		Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
		F-Hook	6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8	8+8	8+8	8+8	8+8
44"	39-1/4" DLO	Head/Sill	C5+1	C5+1	C5+1	C4+1	C5+2	C5+2	C5+1	C5+1	C5+1	C5+1	C5+1	C4+1	C5+2	C5+2	C5+1	C5+1	C5+2	C5+2	C5+1	C5+1
		Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10	10
		F-Hook	6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8	8+8	8+8	8+8	8+8
48"	43-1/4" DLO	Head/Sill	C5+1	C5+1	C5+1	C4+1	C5+2	C5+2	C5+2	C5+1	C5+2	C5+2	C5+1	C5+1	C5+2	C5+2	C5+2	C5+1				
		Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8				
		F-Hook	6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8				

FOR EXAMPLE ON USING TABLE, SEE SHEET 11.

EXAMPLE ON SHEET 11

TABLE 2A

Sill Height to Max. (+) DP (Water Infiltration Rating)

Sill Riser Height (Top of Riser, See Sheet 20)	(+) Design Pressure, psf
Flush - 1 1/2"	See note 2
Low - 2 1/2"	+ 48.8
Medium - 3 1/4"	+ 60.2
High - 4"	+ 82.5

SEE NOTES BELOW

NOTES:

1. IF WATER INFILTRATION RESISTANCE IS REQUIRED THE LESSER VALUES OF EITHER TABLE 2 AND TABLE 2A DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.

2. IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IN THAT CASE, +DP'S SHOWN IN TABLE 2 MAY BE USED.

3. SEE SILL RISER TYPES ON SHEET 20. SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.

4. REFER TO ANCHOR NOTES, SHEET 1 & ENCLOSED SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.

5. DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.

6. JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY. DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

FIG 1:



DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT IS EXEMPTED FROM WATER INFILTRATION RESISTANCE.

MAX. GLASS WIDTH = NOMINAL PANEL WIDTH - 3.25"
MAX. DLO WIDTH = NOM. PANEL WIDTH - 4.75"
DLO HEIGHT = DOOR UNIT HEIGHT - 10.125"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.886"

NO CHANGES THIS SHEET

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DP & ANCHORAGE

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TABLE 3

Design Pressure (DP) and Anchor Quantities Required (for all tracks) as Specified on Sheets 2 & 3

Table applies to: Glass Types A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, BB, CC, DD, EE, FF, GG, HH, II, JJ, KK, LL, MM, NN, OO, PP, QQ, RR, SS, TT, UU, VV, WW, XX, YY, ZZ, AAA, BBB, CCC, DDD, EEE, FFF, GGG, HHH, III, JJJ, KKK, LLL, MMM, NNN, OOO, PPP, QQQ, RRR, SSS, TTT, UUU, VVV, WWW, XXX, YYY, ZZZ, AAAA, BBBB, CCCC, DDDD, EEEE, FFFF, GGGG, HHHH, IIII, JJJJ, KKKK, LLLL, MMMM, NNNN, OOOO, PPPP, QQQQ, RRRR, SSSS, TTTT, UUUU, VVVV, WWWW, XXXX, YYYY, ZZZZ, AAAAA, BBBBB, CCCCC, DDDDD, EEEEE, FFFFF, GGGGG, HHHHH, IIIII, JJJJJ, KKKKK, LLLLL, MMMMM, NNNNN, OOOOO, PPPPP, QQQQQ, RRRRR, SSSSS, TTTTT, UUUUU, VVVVV, WWWWW, XXXXX, YYYYY, ZZZZZ, AAAAAA, BBBBBB, CCCCCC, DDDDDD, EEEEEE, FFFFFF, GGGGGG, HHHHHH, IIIIII, JJJJJJ, KKKKKK, LLLLLL, MMMMMM, NNNNNN, OOOOOO, PPPPPP, QQQQQQ, RRRRRR, SSSSSS, TTTTTT, UUUUUU, VVVVVV, WWWWWW, XXXXXX, YYYYYY, ZZZZZZ	Design Pressure (DP)	Positive DP Ratings					Negative DP Ratings				
			Test Size	Test Size	Test Size	Test Size	Test Size	Test Size	Test Size	Test Size	Test Size
			Design Size	Design Size	Design Size	Design Size	Design Size	Design Size	Design Size	Design Size	Design Size
			Allowable Size	Allowable Size	Allowable Size	Allowable Size	Allowable Size	Allowable Size	Allowable Size	Allowable Size	Allowable Size
			A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D	A B C D
Active Panel Location	60	79-1/4" (2013)									
	50	66-1/4" (1683)									
	40	53-1/4" (1353)									
	30	40-1/4" (1022)									
	20	27-1/4" (692)									
	10	14-1/4" (362)									
	60	79-1/4" (2013)									
	50	66-1/4" (1683)									
	40	53-1/4" (1353)									
	30	40-1/4" (1022)									
	20	27-1/4" (692)									
	10	14-1/4" (362)									

FOR EXAMPLE ON USING TABLE, SEE SHEET 11

TABLE 3A

Sill Height to Max. (+) DP
(Water infiltration Rating)

Sill Riser Height of Sill or Sill Riser (in)	(+) Design Pressure (psf)
Equal - 1-1/2"	over H55.0
Low - 3-1/8"	+ 46.57
Medium - 5-1/4"	+ 43.0
High - 8"	+ 40.0

SEE NOTES LEFT

NOTES:

1. IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 3 AND TABLE 3A DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.

2. IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IN THAT CASE, +DP'S SHOWN IN TABLE 3 MAY BE USED.

3. SEE SILL RISER TYPES ON SHEET 20 SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.

4. REFER TO ANCHOR NOTES, SHEET 1 & ENCLOSED SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.

5. DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.

6. JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY. DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

FIG 1



MAX. GLASS WIDTH = NOMINAL PANEL WIDTH - 6.25"
MAX. O.A.D. WIDTH = NOM. PANEL WIDTH + 4.75"
O.A.D. HEIGHT = DOOR UNIT HEIGHT - 10.125"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.688"

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SHEET NO. 10 OF 23

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PRODUCT APPROVAL

FLORIDA PRODUCT APPROVAL #FL 16000

STATE OF FLORIDA
PROFESSIONAL ENGINEER
R. LYNN BELLES, P.E.
FL# 61778

TABLE 4

Design Pressure (DP) and Anchor Quantities Required (for all approved configurations on Sheets 3 & 3 see note 7 below)

Table applies to:
Sizes Types A, AA, S, & SA
Panel material can Width "LJ" & "MT", page 02
Pos. + / DP may be Divided by Safety 2/3

Nominal Panel Width	Nominal Panel Height	Design Pressure	Test Pressure	Test Load Height: 10'-0" (120")				Test Load Height: 11'-0" (132")				Test Load Height: 12'-0" (144")				Test Load Height: 13'-0" (156")			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
24"	95 5/8" (2.43)	Design Pressure		+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf			
		Test PSF		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
		Jambs		8	8	8	8	8	8	8	8	8	8	8	8	8	10	10	10
		Fixings		6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8
30"	35-5/8" (3.0)	Design Pressure		+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf			
		Test PSF		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
		Jambs		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		Fixings		6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8
36"	41-5/8" (3.5)	Design Pressure		+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf			
		Test PSF		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
		Jambs		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		Fixings		6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8
42"	47-5/8" (3.9)	Design Pressure		+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf			
		Test PSF		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
		Jambs		8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
		Fixings		6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8
48"	53-5/8" (4.3)	Design Pressure		+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf			
		Test PSF		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
		Jambs		10	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8
		Fixings		6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+8	7+8	7+8	7+8
60"	65-5/8" (5.47)	Design Pressure		+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf				+50.0 / -50.0 psf			
		Test PSF		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
		Jambs		12	8	8	8	12	8	8	8	12	8	8	8	12	10	10	10
		Fixings		6+7	6+7	6+7	6+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	7+7	8+8	8+8	8+8	8+8

FOR EXAMPLE ON USING TABLE, SEE SHEET 11.
INTERLOCKS USING THIS TABLE REQUIRE THE USE OF HEADER BLOCKS. SEE SHEET 13.

NOTES:
1. IF WATER INFILTRATION RESISTANCE IS REQUIRED THE LESSER VALUES OF EITHER TABLE 4 AND TABLE 4A DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.

2. IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IN THAT CASE, +DP'S SHOWN IN TABLE 4 MAY BE USED.

3. SEE SILL RISER TYPES ON SHEET 23. SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.

4. REFER TO ANCHOR NOTES, SHEET 1 & END GRID SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.

5. DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.

6. JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY. DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

7. CORNER DOOR CONFIGURATIONS NOT CERTIFIED FOR SIZES IN TABLE 4.

FIG 1

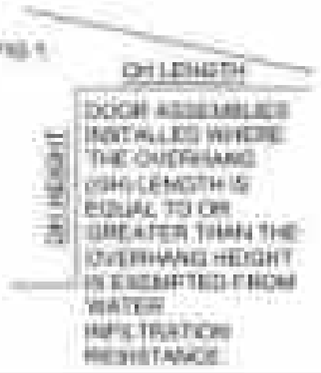


TABLE 4A

Sill Height to Max. (+) DP
(Water Infiltration Rating)

Test Riser Height (Sill or Rise, see Sheet 23)	(+) Design Pressure, psf
7" (Typ.) - 7 1/2"	[illegible]
Low - 9 1/2"	[illegible]
Medium - 11 1/2"	[illegible]
High - 14"	[illegible]

SEE NOTES BELOW.

MAX. GLASS WIDTH = NOMINAL PANEL WIDTH -2.25"
MAX. DLO WIDTH = NOM. PANEL WIDTH - 4.75"
DLO HEIGHT = DOOR UNIT HEIGHT - 10 1/2"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1 3/8"

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DP & ANCHORAGE

SHEET NO. 4

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TABLE 5:

Design Pressure (DP) and Anchor Quantities Required (For all approved configurations on Sheets 2 & 3, except corner configurations)

Table applies to: Riser Types 4, 4A, 5, & 5A. (Not required; see details "LZ" & "MZ", page 20.) (Pos. (+) DP may be limited by Table 5A.)

Door Unit Height

Panel width	DLO	Anchor location	[illegible] (Anchor Group A, B, C, D)	[illegible] (Anchor Group A, B, C, D)	[illegible] (Anchor Group A, B, C, D)	[illegible] (Anchor Group A, B, C, D)	[illegible] (Anchor Group A, B, C, D)	[illegible] (Anchor Group A, B, C, D)	[illegible] (Anchor Group A, B, C, D)	[illegible] (Anchor Group A, B, C, D)
[illegible]	[illegible]	Design Pressure	For these sizes, see Table 3 on sheet 7.				[illegible]	[illegible]	[illegible]	[illegible]
		Head/Sill					[illegible]	[illegible]	[illegible]	[illegible]
		Jamb					[illegible]	[illegible]	[illegible]	[illegible]
		F-Hook					[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	Design Pressure					[illegible]	[illegible]	[illegible]	[illegible]
		Head/Sill					[illegible]	[illegible]	[illegible]	[illegible]
		Jamb					[illegible]	[illegible]	[illegible]	[illegible]
		F-Hook					[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	Design Pressure					[illegible]	[illegible]	[illegible]	[illegible]
		Head/Sill					[illegible]	[illegible]	[illegible]	[illegible]
		Jamb					[illegible]	[illegible]	[illegible]	[illegible]
		F-Hook					[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	Design Pressure					[illegible]	[illegible]	[illegible]	[illegible]
		Head/Sill					[illegible]	[illegible]	[illegible]	[illegible]
		Jamb					[illegible]	[illegible]	[illegible]	[illegible]
		F-Hook					[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	Design Pressure		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		Head/Sill		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		Jamb		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		F-Hook		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	Design Pressure	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		Head/Sill	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		Jamb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		F-Hook	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	Design Pressure	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
		Head/Sill	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
		Jamb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
		F-Hook	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
[illegible]	[illegible]	Design Pressure	[illegible]	[illegible]	[illegible]	[illegible]				
		Head/Sill	[illegible]	[illegible]	[illegible]	[illegible]				
		Jamb	[illegible]	[illegible]	[illegible]	[illegible]				
		F-Hook	[illegible]	[illegible]	[illegible]	[illegible]				

FOR EXAMPLE ON USING TABLE, SEE SHEET 11.
INTERLOCKS USING THIS TABLE REQUIRE THE USE OF HEADER BLOCKS, SEE SHEET 13.

TABLE 5A:

Sill Height to Max. (+) DP (Water Infiltration Rating)

Sill Riser Height (Flat of Box, See Sheet 20)	(+) Design Pressure, psf
Flush - 1-1/2"	See note 2
Low - 2-1/2"	[illegible]
Medium - 3-1/4"	[illegible]
High - 4"	[illegible]

SEE NOTES BELOW

NOTES:

1. IF WATER INFILTRATION RESISTANCE IS REQUIRED THE LESSER VALUES OF EITHER TABLE 5 AND TABLE 5A DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.

2. IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IN THAT CASE, +DP'S SHOWN IN TABLE 5 MAY BE USED.

3. SEE SILL RISER TYPES ON SHEET 20. SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.

4. REFER TO ANCHOR NOTES, SHEET 1 & ENCLOSED SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.

5. DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.

6. JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY; DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

FIG. 1



MAX. GLASS WIDTH = NOMINAL PANEL WIDTH - 3.25"
MAX. DLO WIDTH = NOM. PANEL WIDTH - 4.75"
DLO HEIGHT = DOOR UNIT HEIGHT - 10.125"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.688"

NO CHANGES THIS SHEET

PGT

DP & ANCHORAGE

ANTHONY LYNN MILLER
LICENSE
No. [illegible]
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.

TABLE 1

Design Pressure (DP) and Anchor Quantities Required (for 3-track 6O, OX, I/6O and I/6XO straight configurations only. No pockets)

Panel Heights	Glass Thickness & Glass Type		Design Pressure / Test Pressure	Overall Frame Width (Rough Opening)																							
				60" (5'-0")				72" (6'-0")				84" (7'-0")				96" (8'-0")				108" (9'-0")				120" (10'-0")			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
24" (2'-0")	3/4" (19.0)	Dual Pane	Design Pressure																	+60/-70 psf				+60/-70 psf			
			Proof/Test																	120	105	90	75	120	105	90	75
			Safety																	90	79	68	56	90	79	68	56
36" (3'-0")	3/4" (19.0)	Dual Pane	Design Pressure																	+60/-70 psf				+60/-70 psf			
			Proof/Test																	120	105	90	75	120	105	90	75
			Safety																	90	79	68	56	90	79	68	56
48" (4'-0")	3/4" (19.0)	Dual Pane	Design Pressure																	+60/-70 psf				+60/-70 psf			
			Proof/Test																	120	105	90	75	120	105	90	75
			Safety																	90	79	68	56	90	79	68	56
60" (5'-0")	3/4" (19.0)	Dual Pane	Design Pressure													+60/-70 psf				+60/-70 psf				+60/-70 psf			
			Proof/Test													120	105	90	75	120	105	90	75	120	105	90	75
			Safety													90	79	68	56	90	79	68	56	90	79	68	56
72" (6'-0")	3/4" (19.0)	Dual Pane	Design Pressure													+60/-70 psf				+60/-70 psf				+60/-70 psf			
			Proof/Test													120	105	90	75	120	105	90	75	120	105	90	75
			Safety													90	79	68	56	90	79	68	56	90	79	68	56
84" (7'-0")	3/4" (19.0)	Dual Pane	Design Pressure													+60/-70 psf				+60/-70 psf				+60/-70 psf			
			Proof/Test													120	105	90	75	120	105	90	75	120	105	90	75
			Safety													90	79	68	56	90	79	68	56	90	79	68	56
96" (8'-0")	3/4" (19.0)	Dual Pane	Design Pressure	+60/-70 psf				+60/-70 psf				+60/-70 psf				+60/-70 psf											
			Proof/Test	120	105	90	75	120	105	90	75	120	105	90	75	120	105	90	75								
			Safety	90	79	68	56	90	79	68	56	90	79	68	56	90	79	68	56								

For these sizes, see Table 4 on Sheet 8.

INTERLOCKS AND ASTRAGALS USING THIS TABLE REQUIRE THE USE OF HEADER BLOCKS. SEE SHEET 14
DO NOT USE HEADER BLOCKS ON THE EXTERIOR INTERLOCK AT THE O PANEL BRACKET LOCATION

FOR EXAMPLE ON USING TABLE, SEE SHEET 12

NOTES:

1. IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE II AND TABLE IIA DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.

2. IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IN THAT CASE, +DP'S SHOWN IN TABLE II MAY BE USED.

3. REFER TO ANCHOR NOTES, SHEET 1 & ENCLOSED SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.

4. DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.

5. JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

MAX. GLASS WIDTH = NOMINAL PANEL WIDTH -0.25"
MAX. O/O WIDTH = NOM. PANEL WIDTH - 6.75"
O/O HEIGHT = DOOR UNIT HEIGHT – 10 1/2"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.969"

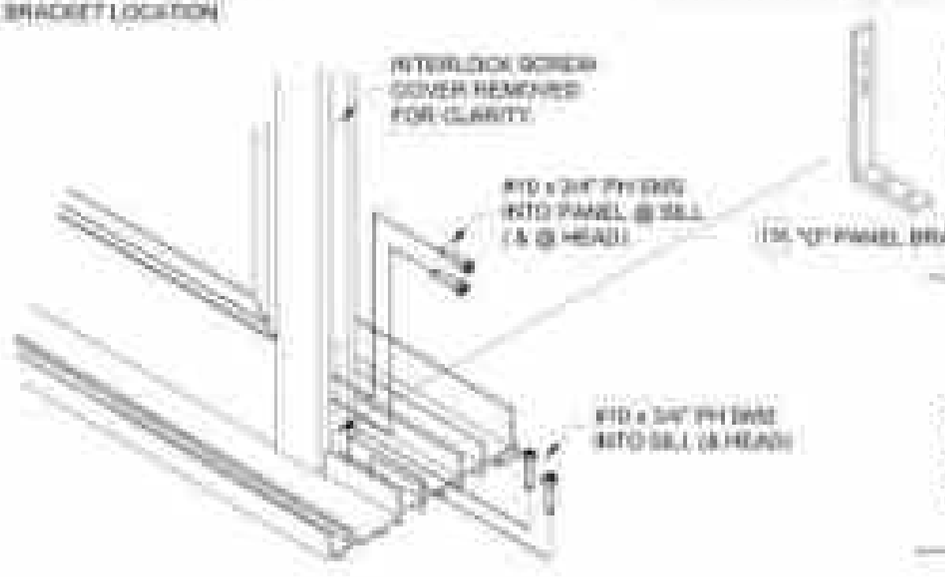


FIG 1



TABLE IIA

Sill Height to Max. (+) DP
(Wash Intrusion Rating)

Sill Riser Height (Flat or Slot, see Detail 2W)	+/- Design Pressure (DP)
Flush - 1 1/16"	see note 2
Low - 2 1/2"	1.48 R*
Medium - 3 1/2"	+ 50.0
High - 4"	+ 50.0

SEE NOTES BELOW

1	10-30-19
0	07-30-19
REVISIONS	
PRODUCT APPROVAL	

PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NORTH VENICE, FL 34275
(941) 480-1600

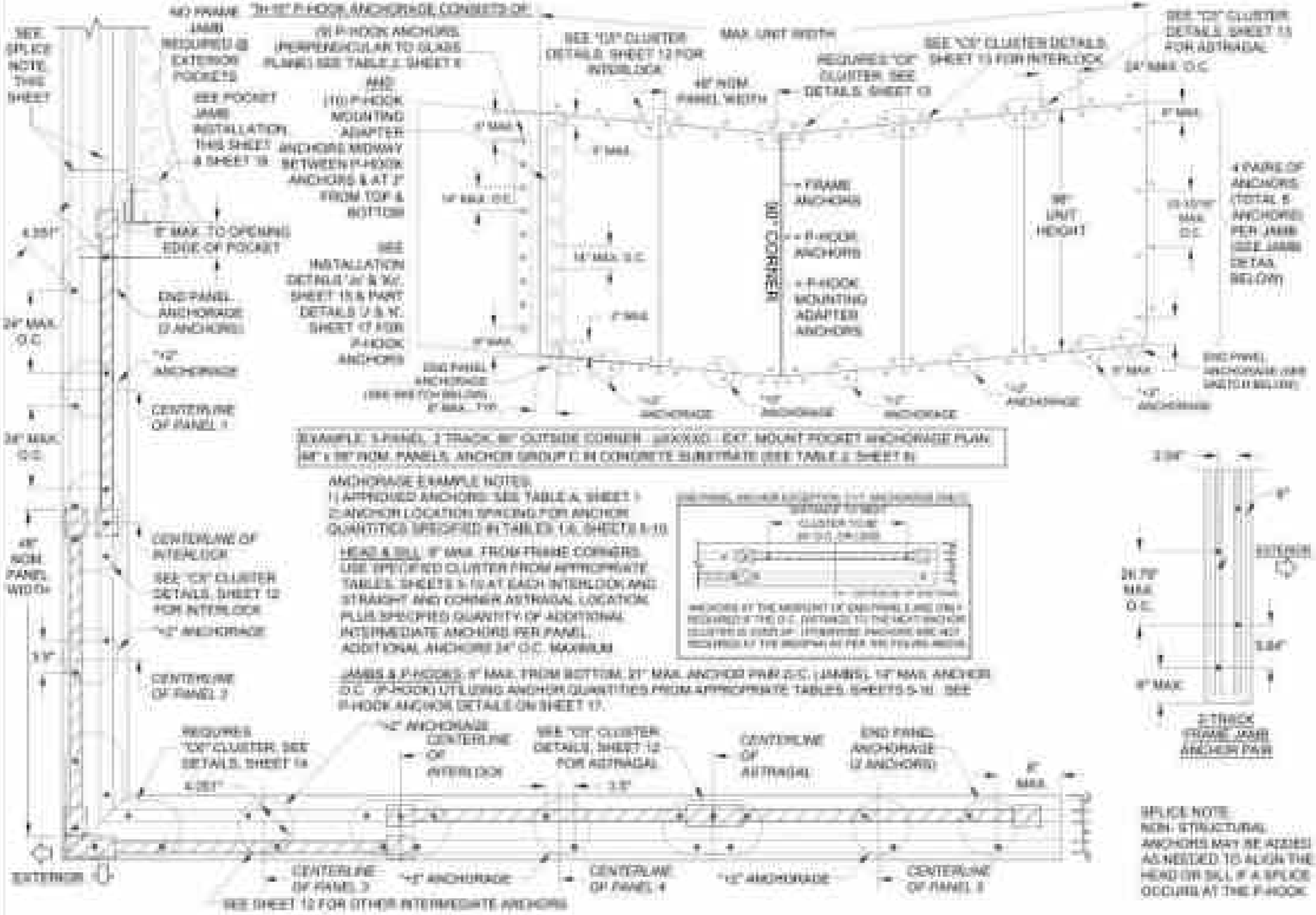
PROJECT NAME: IW BOSTON

DRAWING TITLE: ANCHORAGE

DRAWN BY: MG | DATE: 10-30-19 | SCALE: NTS | DRAWING NO.

SHEET 10 OF 14

PROFESSIONAL ENGINEER
STATE OF FLORIDA



1	08/11/20	ADD DRAWINGS THIS SHEET		

1	08/11/20	ADD DRAWINGS THIS SHEET		

PGT INDUSTRIES

EXAMPLE SHOWING P-HOOK

SCALE: 1" = 1'-0" | SHEET 11 OF 20

REGISTERED PROFESSIONAL ENGINEER



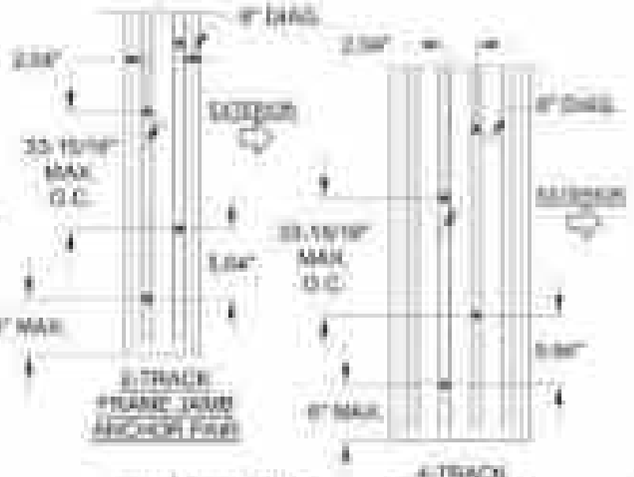
2-TRACK FRAME HEAD/SILL
@ ASTRAGAL OR INTERLOCK
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED: "C4")



2-TRACK FRAME HEAD/SILL
@ ASTRAGAL OR INTERLOCK
(USE WHERE 6 CLUSTER
ANCHORS ARE REQUIRED: "C6")



2-TRACK FRAME HEAD/SILL
@ ASTRAGAL OR INTERLOCK
(USE WHERE 6 CLUSTER
ANCHORS ARE REQUIRED: "C6")





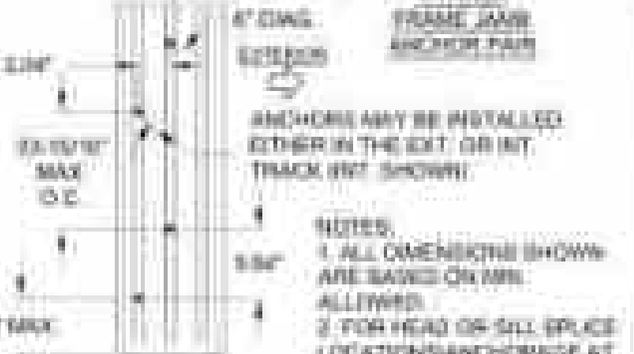
3-TRACK FRAME HEAD/SILL
@ ASTRAGAL OR INTERLOCK
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED: "C4")



3-TRACK FRAME HEAD/SILL
@ ASTRAGAL OR INTERLOCK
(USE WHERE 5 CLUSTER
ANCHORS ARE REQUIRED: "C5")

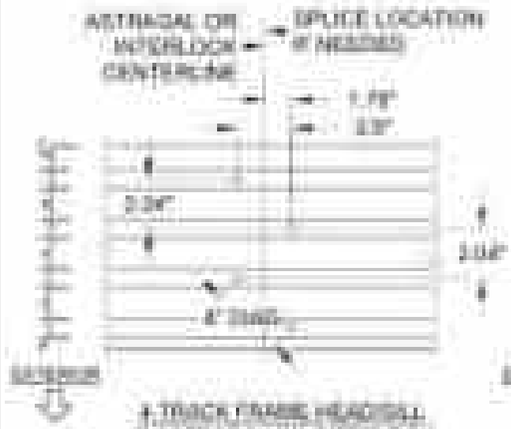


3-TRACK FRAME HEAD/SILL
@ ASTRAGAL OR INTERLOCK
(USE WHERE 5 CLUSTER
ANCHORS ARE REQUIRED: "C5")

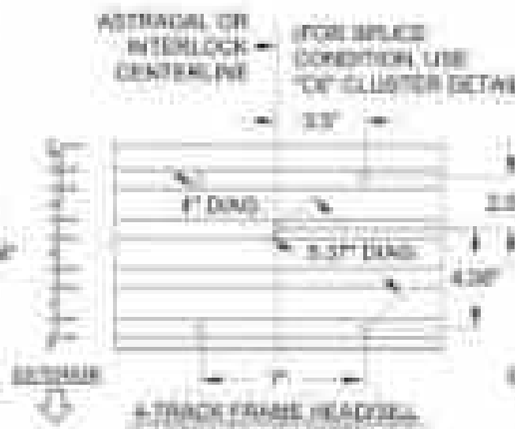


ANCHORS MAY BE INSTALLED EITHER IN THE EXT. OR INT. TRACK (INT. SHOWN)

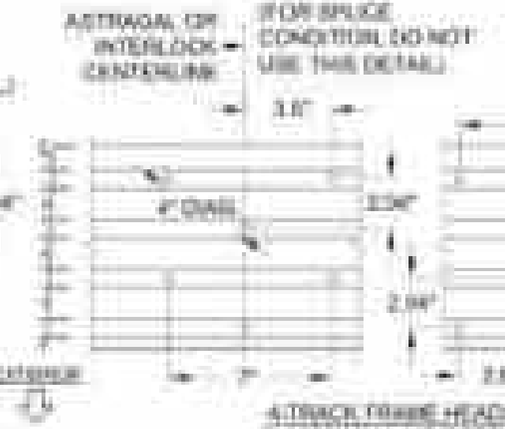
NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
2. FOR HEAD OR SILL SPLICE LOCATIONS/ANCHORAGE AT P-HOOK SEE SHEET 11.



4-TRACK FRAME HEAD/SILL
@ ASTRAGAL OR INTERLOCK
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED: "C4")



4-TRACK FRAME HEAD/SILL
@ ASTRAGAL OR INTERLOCK
(USE WHERE 5 CLUSTER
ANCHORS ARE REQUIRED: "C5")





4-TRACK FRAME HEAD/SILL
@ ASTRAGAL OR INTERLOCK
(USE WHERE 5 CLUSTER ANCHORS ARE REQUIRED: "C5")
WITH & WITHOUT SPLICE CONDITION

1	08/19/20
2	10/27/20

ISSUED FOR PERMIT

DRAWN	R. MORLEY
CHECKED	
APPROVED	

PGT INDUSTRIES
1070 TECHNOLOGY DRIVE
NORTH VENICE, FLORIDA 34275

ANCHORAGE - CLUSTERS

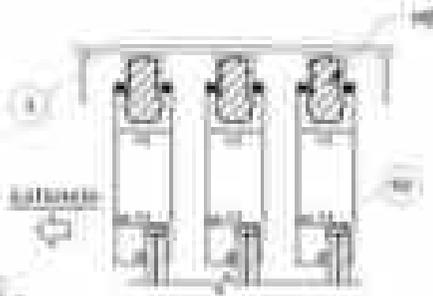
SCALE	3" = 1'-0"
DRAWING NO.	A-10
SHEET	10 OF 15

PROFESSIONAL ENGINEER
STATE OF FLORIDA

FRAME HEADER BLOCK INSTALLATION DETAILS
REQUIRED AT ALL HD INTERLOCKS (TABLE 9 AND 9- DETAIL W3)
REQUIRED AT ALL HD SURFACE INTERLOCKS AND ASTRAGAL (TABLE 9, DETAIL M3)



2 TRACK FRAME HEAD @ INTERLOCK
USE WHERE 1 CLUSTER
ANCHORS ARE REQUIRED "(3)")



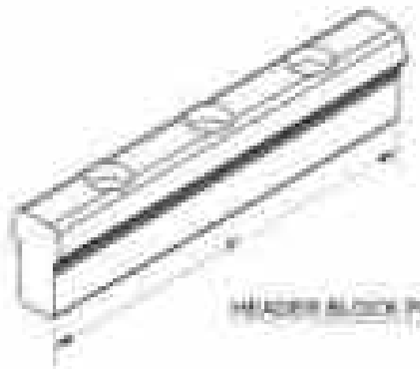
HEADER BLOCK END VIEW
2 TRACK AS EXAMPLE, SHOWN
ATTACHED TO FRAME HEADER



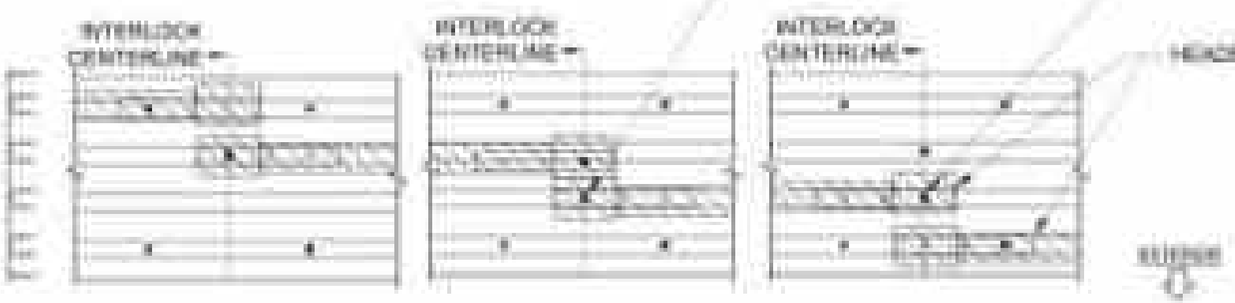
HEADER BLOCK FRONT VIEW
SHOWN WITH ANCHORS



4 TRACK FRAME HEAD @ INTERLOCK
USE WHERE 2 CLUSTER
ANCHORS ARE REQUIRED "(3)")



HEADER BLOCK PATH



6 TRACK FRAME HEAD @ INTERLOCK
USE WHERE 3 CLUSTER
ANCHORS ARE REQUIRED "(3)")

NOTE: DO NOT SPLICE TRACK AT
INTERLOCK LOCATIONS

1	05/15/20	ADD DRAWINGS TO SHEET

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PGT INDUSTRIES
1070 PGT DRIVE
NORTH VENICE, FL 34275
941.486.0600

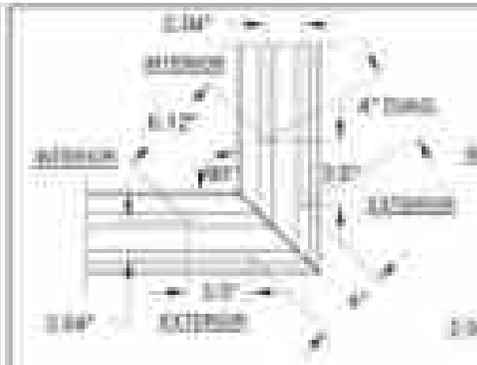
DRAWN BY	JL MORLEY
DATE	12/17/21
SCALE	NTS
DRAWING NO.	
REVISION	

HEADER BLOCK ANCHORAGE

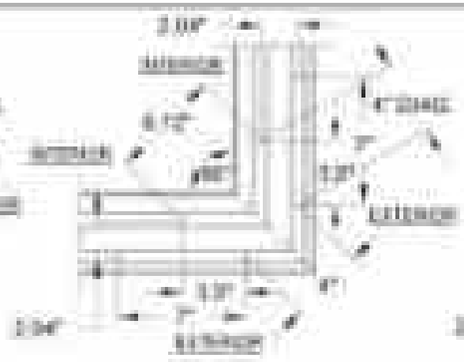
REVISIONS

1	ADD DRAWINGS
2	ADD TEXT
3	ADD DETAIL





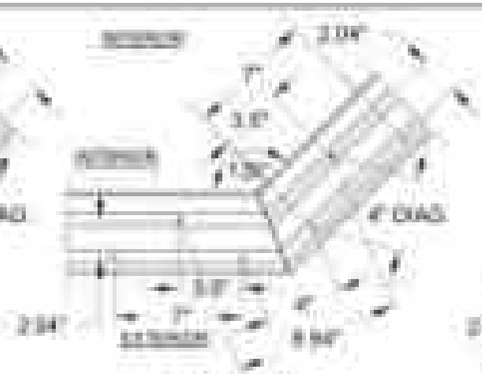
90° CORNER
2-TRACK FRAME HEADSILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED "C4")



90° CORNER
2-TRACK FRAME HEADSILL
(USE WHERE 5 OR 6 CLUSTER
ANCHORS ARE REQUIRED "C5")



135° CORNER
2-TRACK FRAME HEADSILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED "C4")



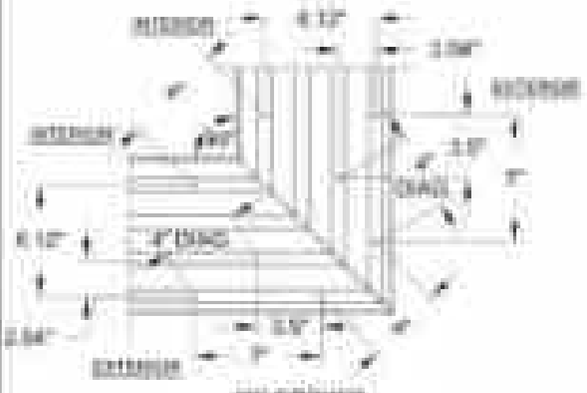
135° CORNER
2-TRACK FRAME HEADSILL
(USE WHERE 5 OR 6 CLUSTER
ANCHORS ARE REQUIRED "C5")



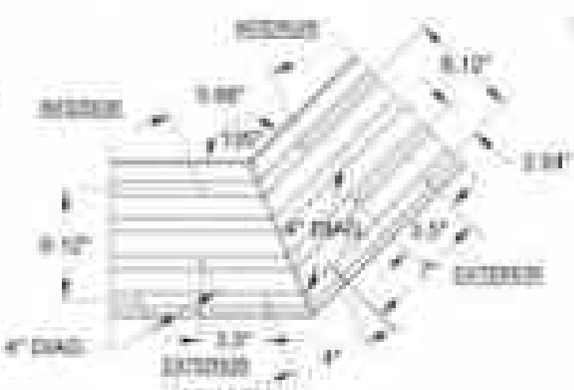
90° CORNER
3-TRACK FRAME HEADSILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)



135° CORNER
3-TRACK FRAME HEADSILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)



90° CORNER
4-TRACK FRAME HEADSILL
("C8" ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS)



135° CORNER
4-TRACK FRAME HEADSILL
("C8" ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS)









2-TRACK FRAME HEADSILL
INTERMEDIATE ANCHOR LAYOUT







4-TRACK FRAME HEADSILL
INTERMEDIATE ANCHOR LAYOUT
(3-TRACK SIMILAR)

NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
2. DETAILS DEPICT ANCHOR QUANTITY AND SPACING AND WOULD BE IDENTICAL FOR EXTERIOR OR INTERIOR CORNER CONFIGURATIONS.

NO.	REVISION	DATE
1		
2		
3		
4		
5		

DO CHANGES THIS SHEET

DRAWN	A. MORELEIN
CHECKED	
APPROVED	

PGT INDUSTRIES

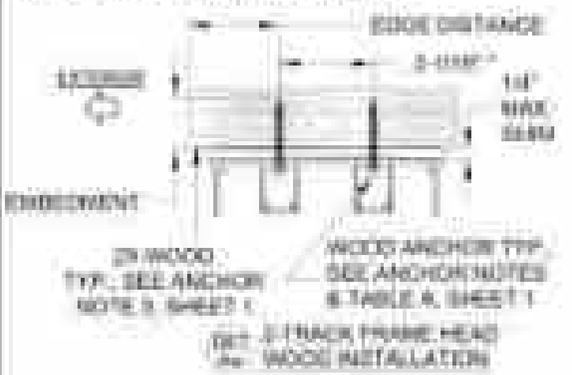
ANCHORAGE - CLUSTERS

SCOTTSVILLE

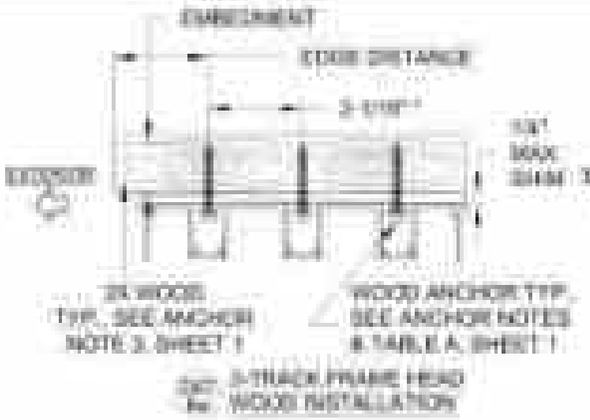
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DRAWING NO.	
SHEET NO.	

PROFESSIONAL ENGINEER

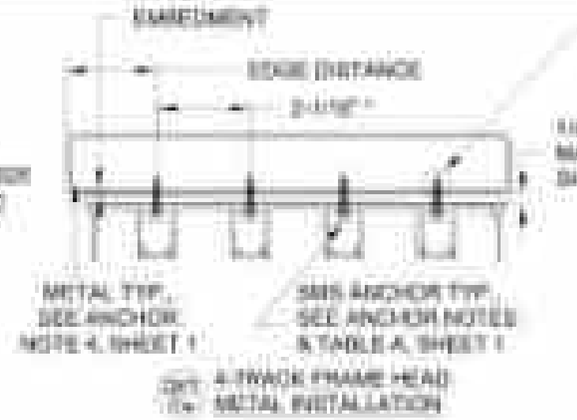
INSTALLATION DETAILS



(2) 2-TRACK FRAME SILL
For WOOD INSTALLATION



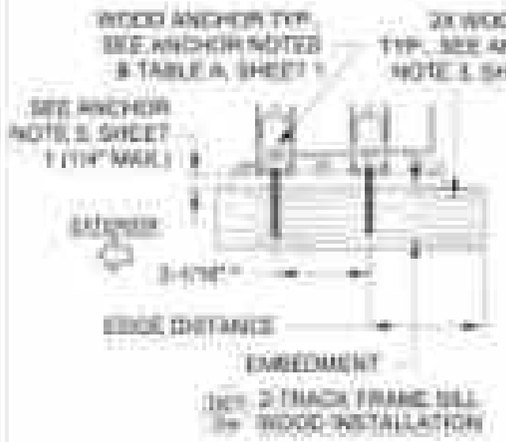
(3) 3-TRACK FRAME SILL
For WOOD INSTALLATION



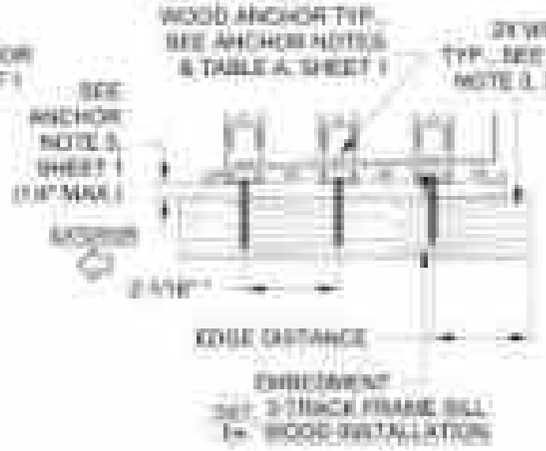
(4) 4-TRACK FRAME SILL
For METAL INSTALLATION

NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
2. METAL OR WOOD SUBSTRATES MAY BE USED FOR ALL FRAME TYPES PER TABLE A, SHEET 1.
3. MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS SEE TABLE A, SHEET 1.

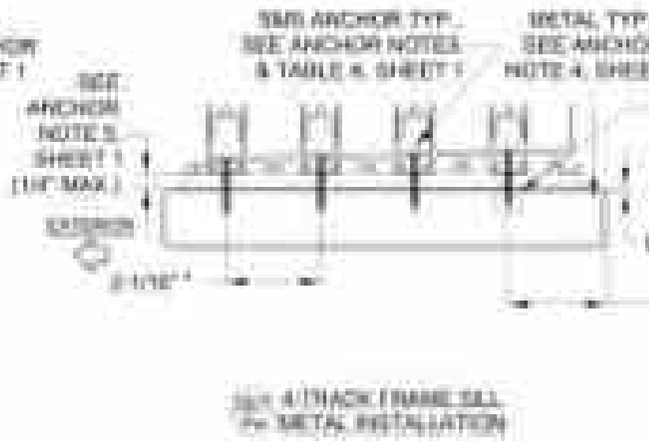
* DIAGONAL O.C. IS MIN 4" (HEAD & SILL) OR 6" (JAMB) SEE DETAILS, SHEETS 10 & 11.



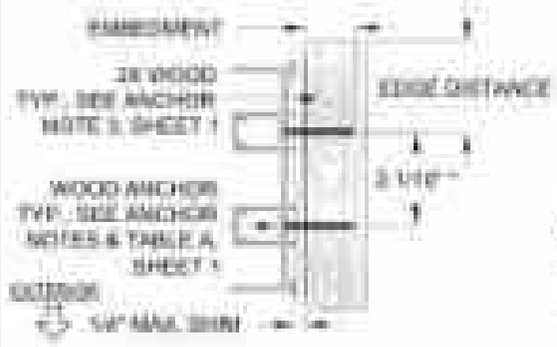
(2) 2-TRACK FRAME SILL
For WOOD INSTALLATION



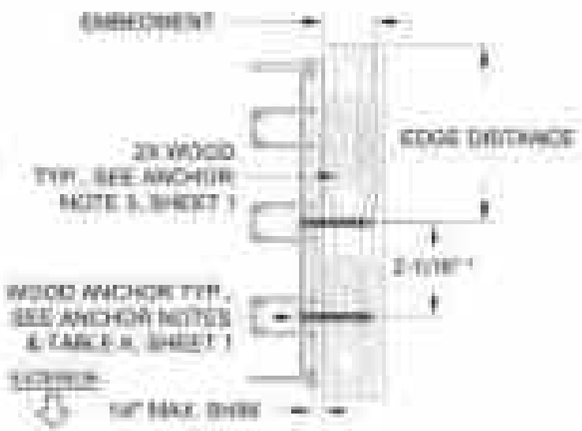
(3) 3-TRACK FRAME SILL
For WOOD INSTALLATION



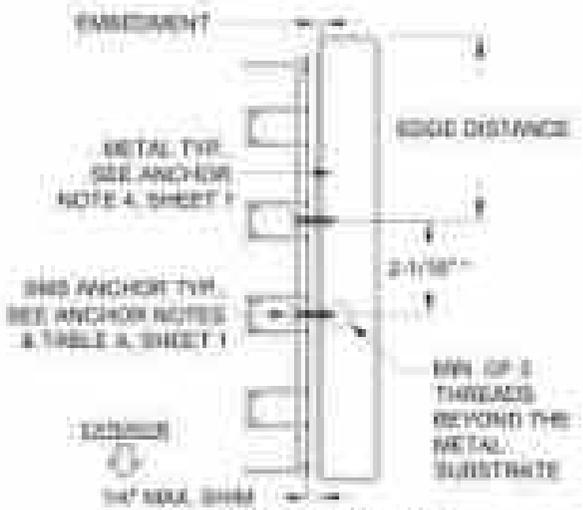
(4) 4-TRACK FRAME SILL
For METAL INSTALLATION



(2) 2-TRACK FRAME JAMB
For WOOD INSTALLATION



(3) 3-TRACK FRAME JAMB
For WOOD INSTALLATION



(4) 4-TRACK FRAME JAMB
For METAL INSTALLATION

NO.	REVISIONS	BY	DATE
1	ADDED SHEET 2	AW	10/1/21

DRAWING NO. 1

PGT INNOVATIONS
1070 TECHNOLOGY DRIVE
NORTH VENICE, FL 34275

INSTALLATION DETAILS

PROJECT: ALL WORKS

PRODUCT: ALL WORKS

REVISIONS

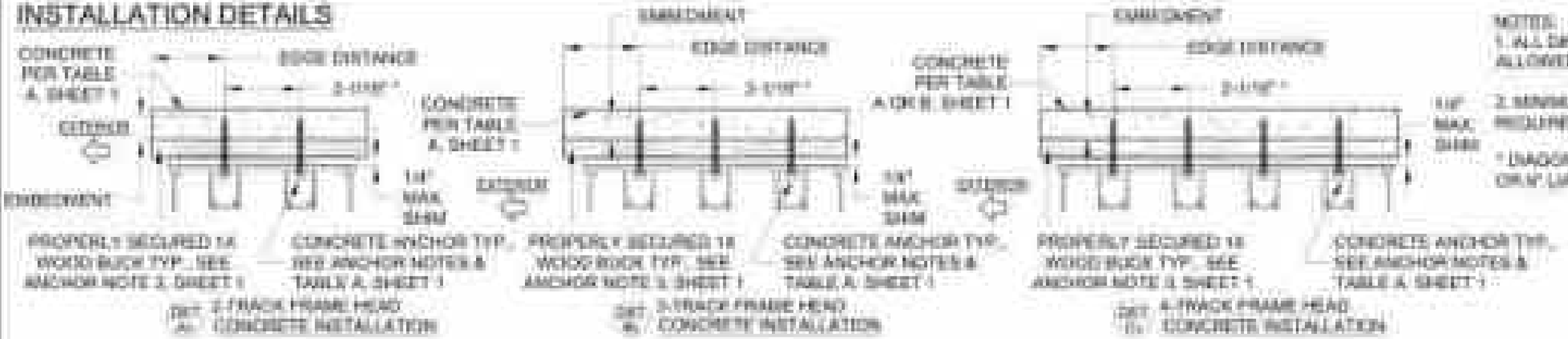
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DATE: 10/1/21

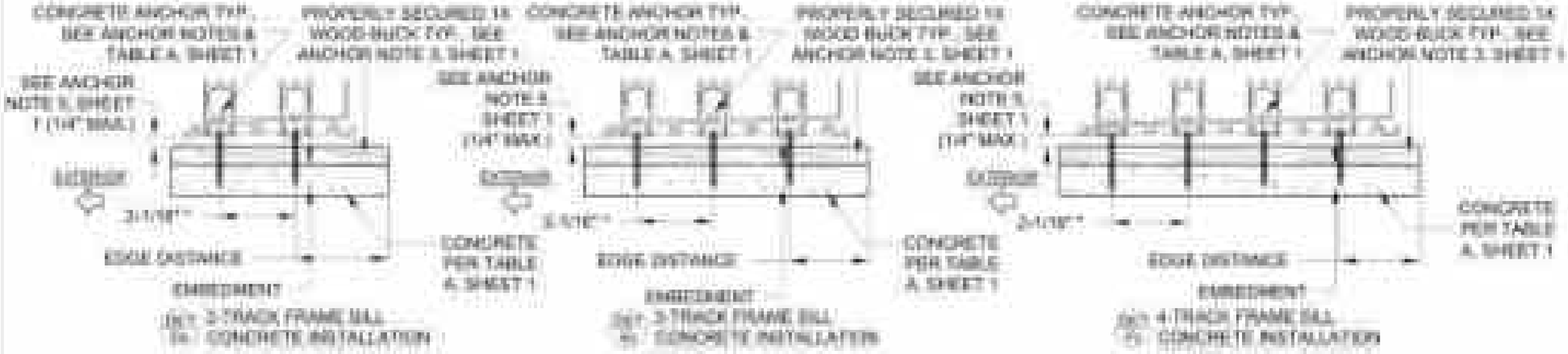
SHEET NO.: 2

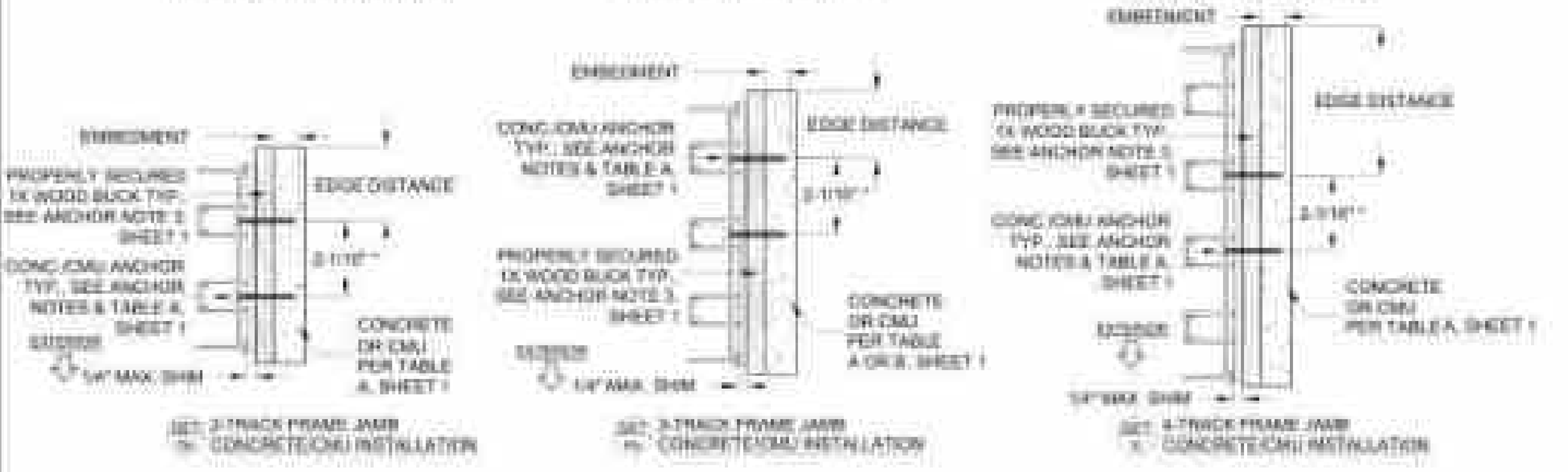
Patrick Lynn Miller
No. 68556
STATE OF
PROFESSIONAL ENGINEER

INSTALLATION DETAILS



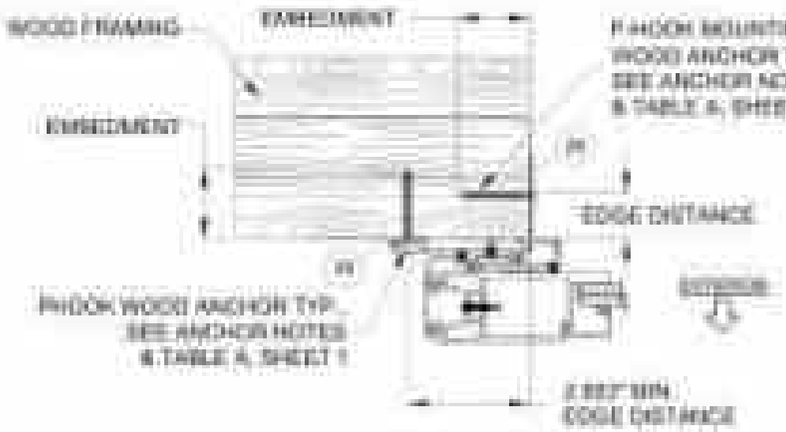
NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN ALLOWED.
2. MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS SEE TABLE A, SHEET 1
* DIAGONAL O.C. (5MIN 4" HEAD & SILL) OR 6" LMIN) SEE DETAILS, SHEETS 10 & 11





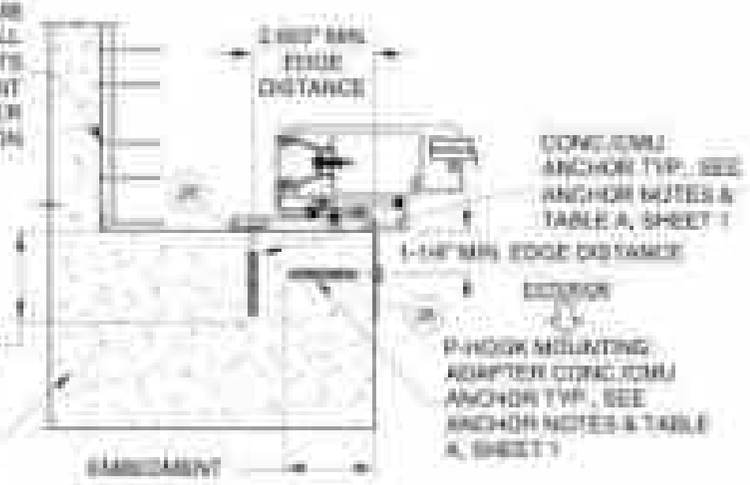
PGT
INSTALLATION DETAILS

INSTALLATION DETAILS



(a1): P-HOOK FOR USE WITH FLAT SILL RISERS (*) PARTS #18, #20, #22 OR #24. WOOD INSTALLATION

EXTERIOR MOUNT SHOWN, MAY ALSO BE INSTALLED IN INTERIOR CONDITION



(a2): P-HOOK FOR USE WITH ANY SILL RISER (*) PARTS #18, #20, #22 OR #24. CONCRETE/CMU INSTALLATION

INTERIOR MOUNT SHOWN, MAY ALSO BE INSTALLED IN EXTERIOR CONDITION

NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON ASD ALLOWED

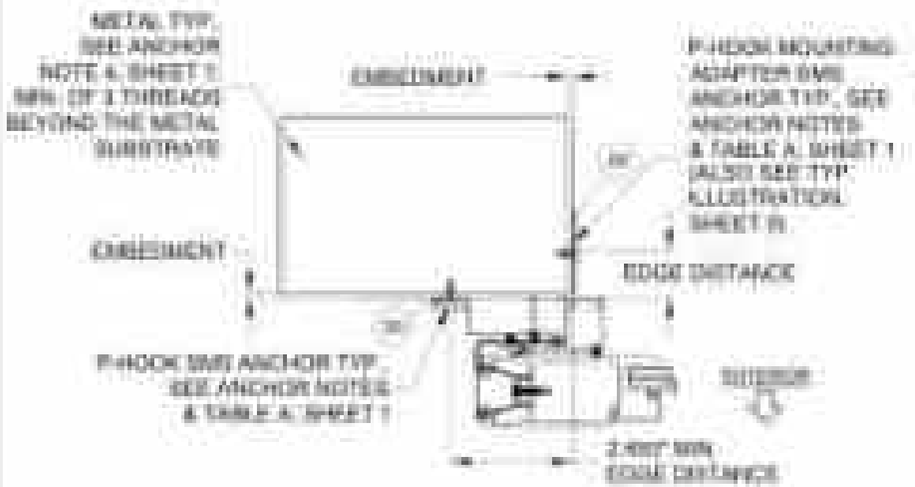
2. FIGURES ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. SEE TABLE A, SHEET 1 FOR ALL APPROVED SUBSTRATES.

3. SEE TABLES 1A, SHEETS 6-10 FOR REQUIRED P-HOOK AND P-HOOK MOUNTING ADAPTER ANCHOR QUANTITIES. ALSO SEE EXAMPLE ON SHEET 12.

4. SEE TABLE 4 & 5 ANCHORAGE REQUIREMENT

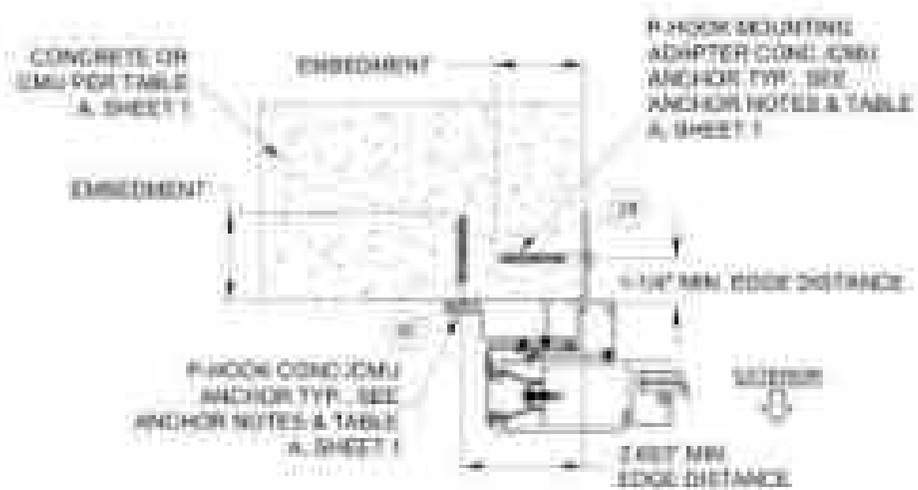
5. MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS SEE TABLE A, SHEET 1

6. SEE TABLE 1A TO 5A FOR WATER RATINGS



(b1): P-HOOK FOR USE WITH BOX SILL RISERS (*) PARTS #19, #21, #23 OR #25. METAL INSTALLATION

EXTERIOR MOUNT ONLY



(b2): P-HOOK FOR USE WITH BOX SILL RISERS (*) PARTS #19, #21, #23 OR #25. CONCRETE INSTALLATION

EXTERIOR MOUNT ONLY

NO.	REVISION	DATE
1	ADDED (2) NOTES TO THIS SHEET	04/13/21

PGT INNOVATIONS

A. MORLEIGH

INSTALLATION DETAILS

PRODUCT(S): 11" SERIES ALUMINUM SINGLE HUNG WINDOWS

REGISTRATION NUMBER: PGT-A-0001-00001-00

DRAWING NO. 11-01

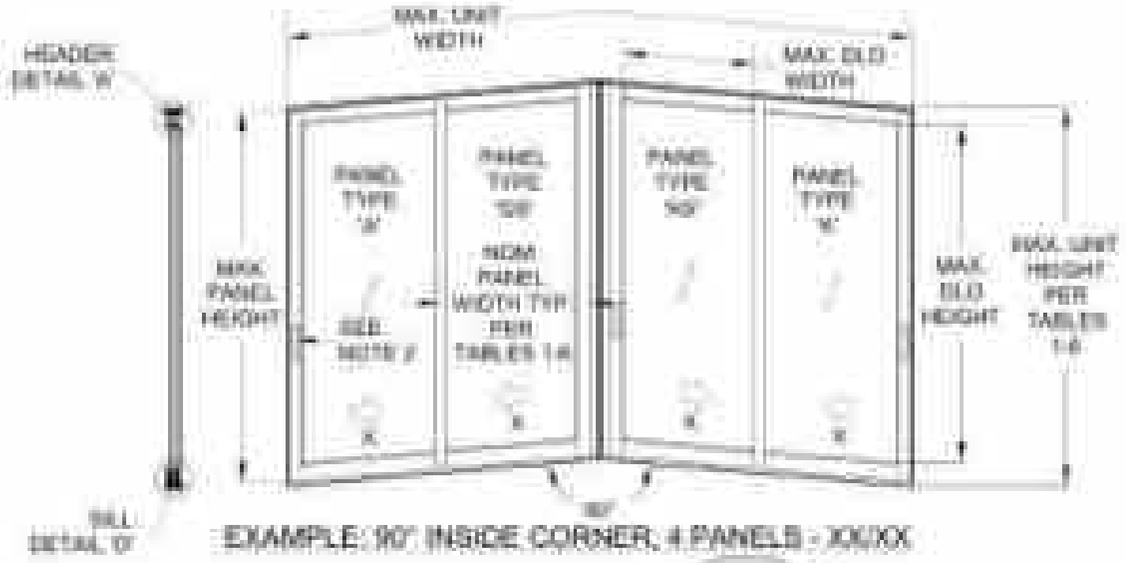
SHEET NO. 11 OF 12

REVISION NO. 1

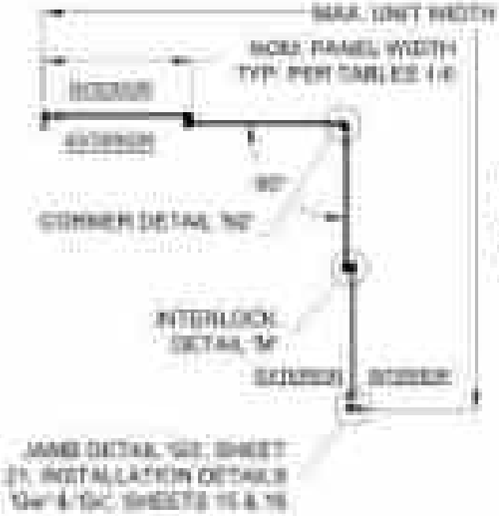
REVISION DATE: 04/13/21



CONFIG. EXAMPLES



EXAMPLE: 90° INSIDE CORNER, 4 PANELS - XXUXX



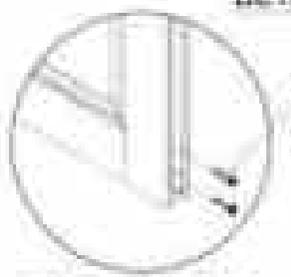
MAX. GLASS WIDTH = NOMINAL PANEL WIDTH+ 3.25"
MAX. O/O WIDTH = NOM. PANEL WIDTH - 4.75"
O/O HEIGHT = DOOR UNIT HEIGHT - 10 1/2"
PANEL HEIGHT = DOOR UNIT HEIGHT - 1.969"



FRAME CORNER DETAIL



PANEL CORNER DETAIL



PANEL CORNER DETAIL

PAGE REFERENCES

1. FIXED JAMB DETAIL 'G2', SHEET 21, INSTALLATION DETAILS 'Gw' & 'Gc', SHEETS 15 & 16
2. OPERABLE JAMB DETAIL 'G3', SHEET 21, INSTALLATION DETAILS 'Gw' & 'Gc', SHEETS 15 & 16
3. JAMB DETAIL 'H2', SHEET 21, INSTALLATION DETAILS 'Hw' & 'Hc', SHEETS 15 & 16
4. JAMB DETAIL 'I1', SHEET 21, INSTALLATION DETAILS 'Iw' & 'Ic', SHEETS 15 & 16
5. P-HOOK DETAIL 'J' & 'K', SHEET 22, INSTALLATION DETAILS 'Jw', 'Jc', 'Kw' & 'Kc', SHEET 17
6. HEADER DETAIL 'A', SHEET 21, INSTALLATION DETAILS 'Aw' & 'Ac', SHEETS 15 & 16
7. HEADER DETAIL 'B', SHEET 21, INSTALLATION DETAILS 'Bw' & 'Bc', SHEETS 15 & 16
8. HEADER DETAIL 'C', SHEET 21, INSTALLATION DETAILS 'Cw' & 'Cc', SHEETS 15 & 16
9. ASTRAGAL DETAILS 'L1' & L2', SHEET 22
10. INTERLOCK DETAIL 'M', SHEET 22
11. SILL DETAIL 'D', SHEET 21, INSTALL DETAILS 'Dw' & 'Dc', SHEETS 15 & 16
12. SILL DETAIL 'E', SHEET 21, INSTALLATION DETAILS 'Ew' & 'Ec', SHEETS 15 & 16
13. SILL DETAIL 'F', SHEET 21, INSTALLATION DETAILS 'Fw' & 'Fc', SHEETS 15 & 16
14. CORNER DETAIL 'N2', SHEET 22 & CORNER ANCHORAGE SHEET 14
15. 90° OUTSIDE CORNER DETAIL 'N1', SHEET 22 & CORNER ANCHORAGE SHEET 14

NOTES:

1. SEE SHEET 20 FOR INDIVIDUAL PANEL CONFIGURATIONS AS APPLICABLE. SEE DP/ANCHOR TABLES, SHEETS 5-10 FOR MAX. PANEL HEIGHT AND WIDTH. SEE SHEETS 20 & 21 FOR SECTION DETAILS AND SHEETS 14-16 FOR INSTALLATION DETAILS.
2. (1) LOCK (1'8585 (5 & 10'-11½) AT EACH LOCK STILE, LOCKING INTO KEEPER (ITEM 155) AT FRAME JAMB OR ASTRAGAL.
3. PLEASE SEE APPLICABLE REINFORCEMENT FOR DP/ANCHOR TABLES.

NO.	DESCRIPTION	DATE
1	ADD CONFIGS THIS SHEET	04/22/21

PGT INNOVATIONS

PROJECT: [redacted]

ALUMINUM SLIDING DOOR ASSEMBLY

SAMPLE ELEVATION

DRAWING NO. [redacted]

SCALE: 1/8" = 1'-0"

SHEET NO. 19 OF 22

REVISED

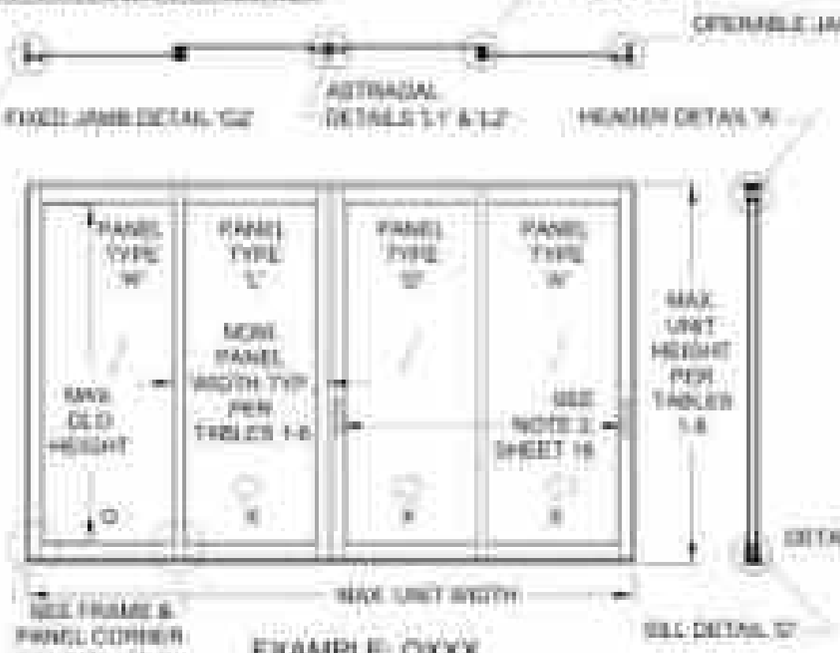
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PROFESSIONAL ENGINEER

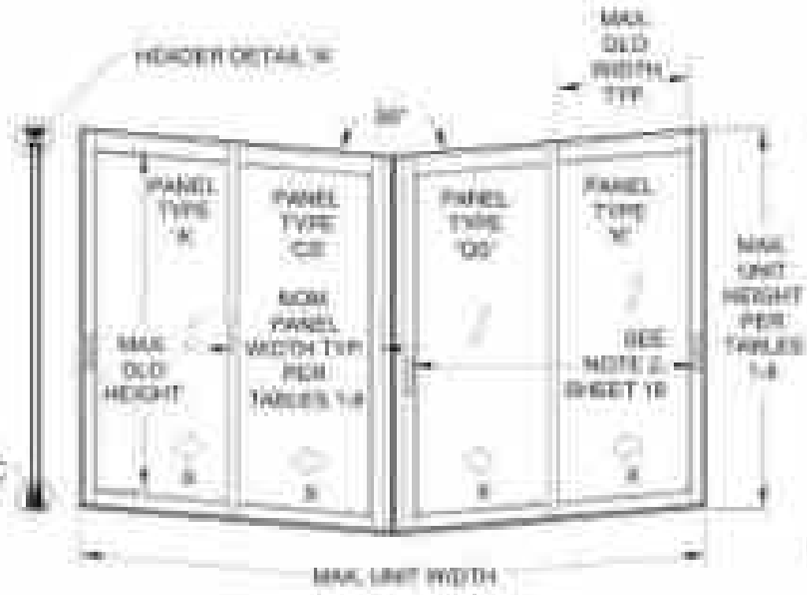
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CONFIG. EXAMPLES

FOR ALL DETAILS ON THIS SHEET, SEE NOTES ON SHEET 18

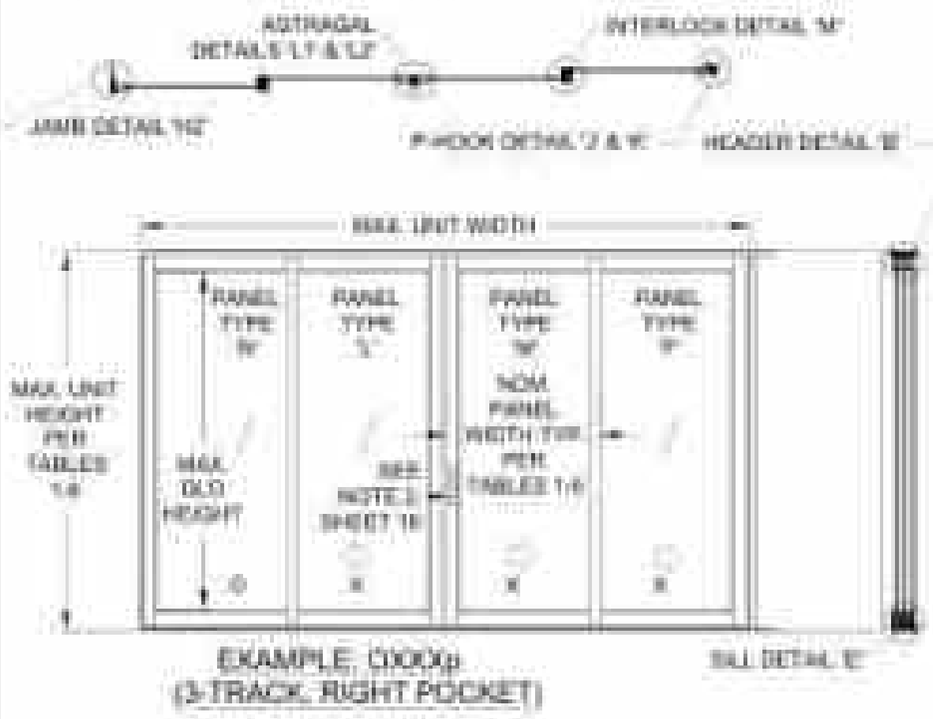


EXAMPLE: OXXX (2-TRACK)

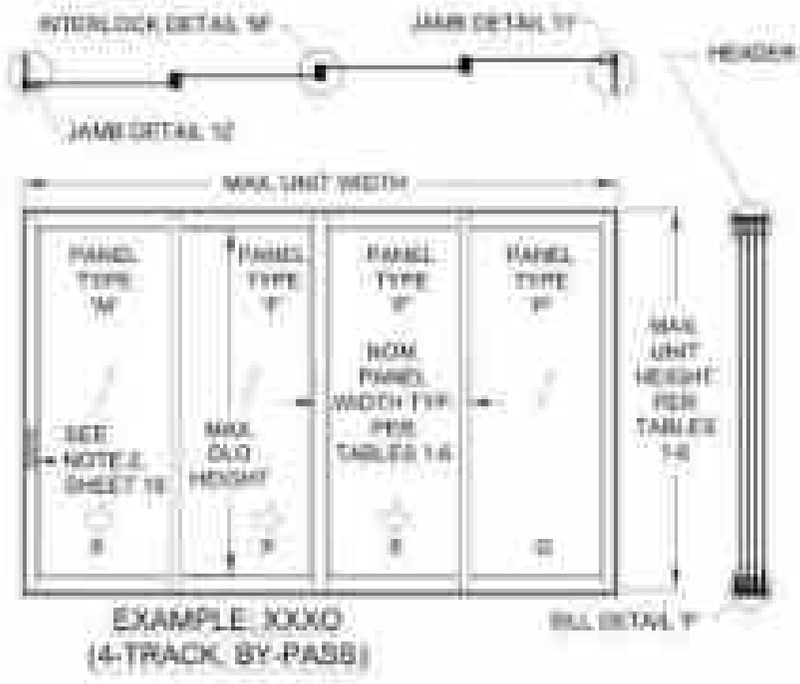


EXAMPLE: 90° OUTSIDE CORNER - XXXX (2-TRACK)





EXAMPLE: OXXXp (3-TRACK, RIGHT POCKET)



EXAMPLE: XXXO (4-TRACK, BY-PASS)

1	10/30/20	ADDED SHEET	DW

PGT INDUSTRIES

EXAMPLE ELEVATION

SHEET 17

JEFFREY LYNN MILLER
PROFESSIONAL ENGINEER

PANEL TYPES	PANEL'S RIGHT STILE TYPE												
PANEL'S LEFT STILE TYPE	SINGLE INTERLOCK OUT	SINGLE INTERLOCK IN	FIXED STILE	LOCKSTILE W/ HANDLE	ASTRAGAL BOX OUT	ASTRAGAL BOX IN	EXTERIOR BOX OUT W/ HANDLE	EXTERIOR BOX IN W/ HANDLE	LEFT CORNER W/ RECEIVER W/ HANDLE	RIGHT CORNER W/ RECEIVER W/ HANDLE	LEFT CORNER W/ RECEIVER	RIGHT CORNER W/ RECEIVER W/ HANDLE	RIGHT CORNER W/ RECEIVER W/ HANDLE
SINGLE INTERLOCK OUT		F	PP	K			L		TC	TA		TV	TW
SINGLE INTERLOCK IN	B	E	P	A			C	C	SC	SA		SV	SW
FIXED STILE	RR	R			S	S				FD	FC	FV	FW
LOCKSTILE W/ HANDLE	D	M			J	J							
EXTERIOR BOX OUT W/ HANDLE	LR												
ASTRAGAL BOX IN W/ HANDLE		N											
EXTERIOR BOX OUT			T	U									
ASTRAGAL BOX IN			T	U									
LEFT CORNER W/ RECEIVER W/ HANDLE	CT	CS											
RIGHT CORNER W/ RECEIVER W/ HANDLE	AT	AS	DF										
LEFT CORNER W/ RECEIVER			CF										
LEFT CORNER W/ RECEIVER W/ HANDLE	VT	VS	VF										
RIGHT CORNER W/ RECEIVER W/ HANDLE	WT	WS	WF										

PANEL NOTES:

1. SEE DP TABLES 1A, SHEETS 9-10 FOR PANEL SIZES & DESIGN PRESSURE.
2. PANEL TYPES NOT SHOWN OR CROSSED OFF ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
3. 90° ASTRAGALS TO USE HEAVY DUTY STILES (#66), CORNER RECEIVER (#119) AND EITHER EXTERIOR (#115) OR INTERIOR (#120) CORNER ASTRAGALS.
4. 135° ASTRAGALS TO USE HEAVY DUTY STILES (#66) AND CORNER ADDON (#121).

EXAMPLE

LEFT PANEL STILE — INTERIOR — EXTERIOR — RIGHT PANEL STILE

PANEL "E" SHOWN. SEE TABLE FOR OTHER PANEL TYPES AND APPLICABLE STILE/ASTRAGAL REQUIREMENTS.

SILL RISERS OPTIONS

(A) SILL RISER, FLAT * FLUSH, 1-1/2"

(B) SILL RISER, FLAT LOW, 2-1/8"

(C) SILL RISER, FLAT MEDIUM, 3-1/4"

(D) SILL RISER, FLAT HIGH, 4"

(E) SILL RISER, BOX * FLUSH, 1-1/2"

(F) SILL RISER, BOX LOW, 2-1/2"

(G) SILL RISER, BOX MEDIUM, 3-1/4"

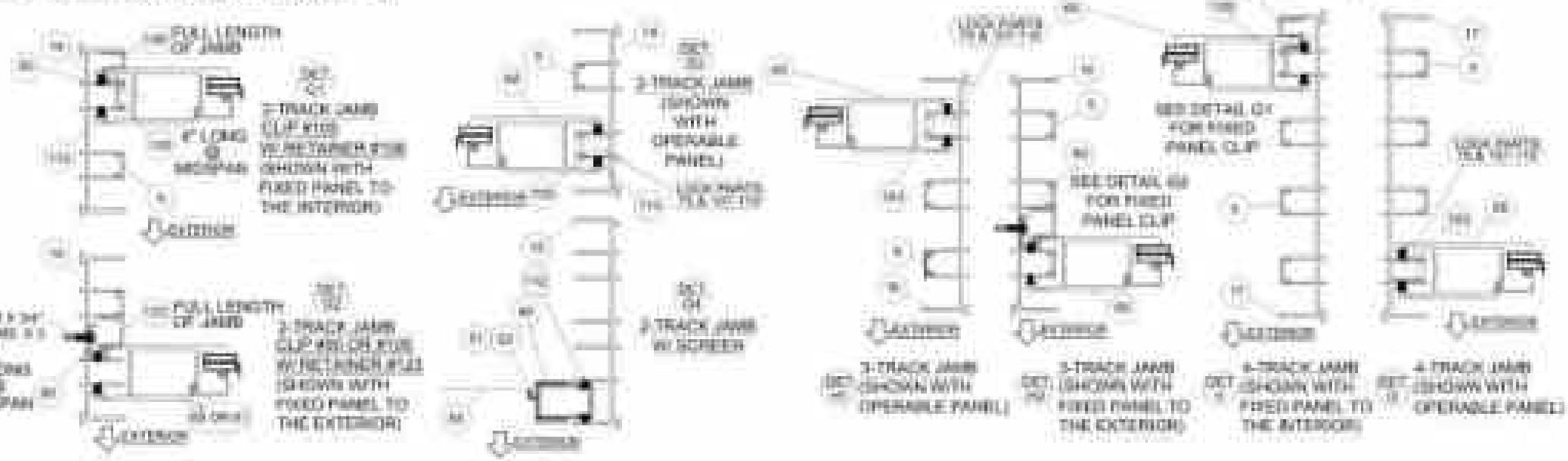
(H) SILL RISER, BOX HIGH, 4"

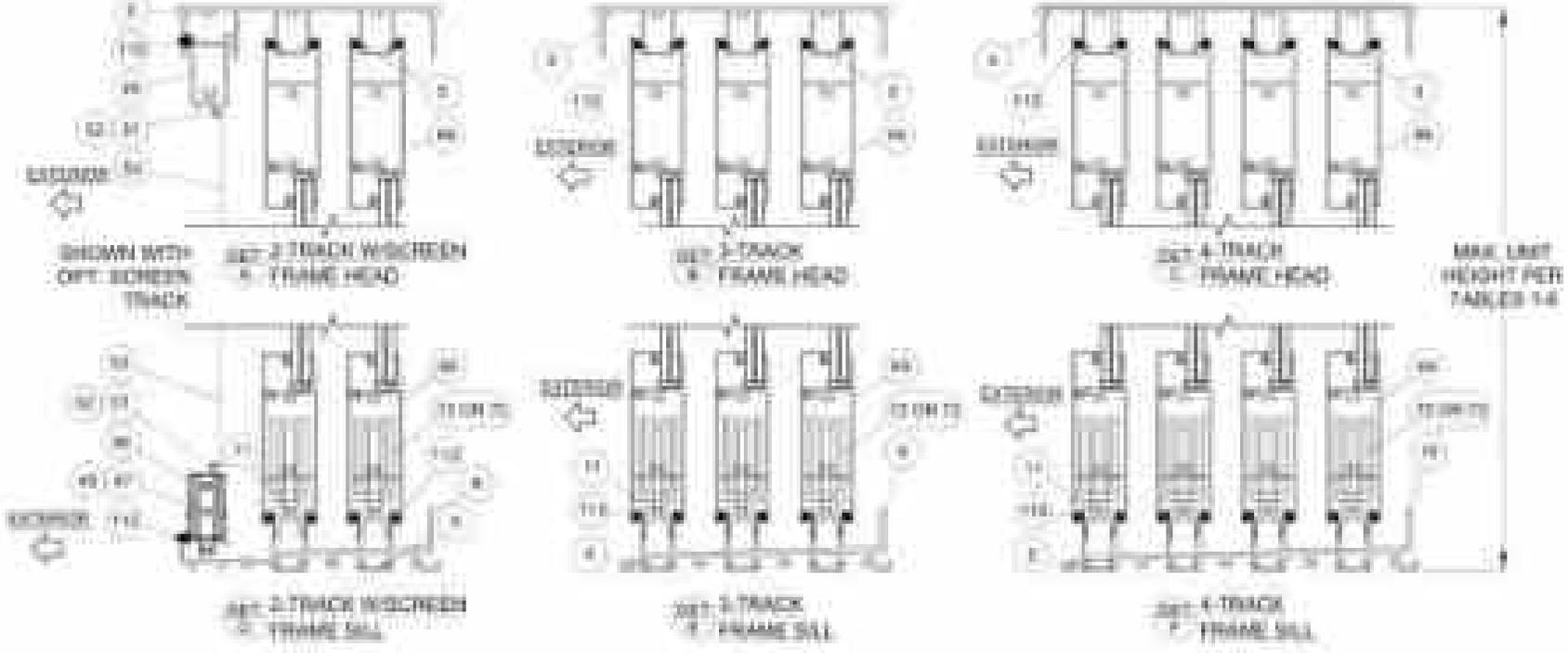
* NOT VALID FOR WATER INFILTRATION RESISTANCE REQUIREMENTS. SEE SHEETS 9-10

PGT — PANEL TYPES

ASSEMBLY DETAILS

(SEE SHEETS 16-17 FOR FOR INSTALLATION DETAILS)





PGT INDUSTRIES

VERTICAL SECTION DETAILS

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDED 3X	10-20-21
2	ADDED 6W, 6X	10-20-21

DRAWING NO.

SHEET NO.

REVISED LYNN MILLER

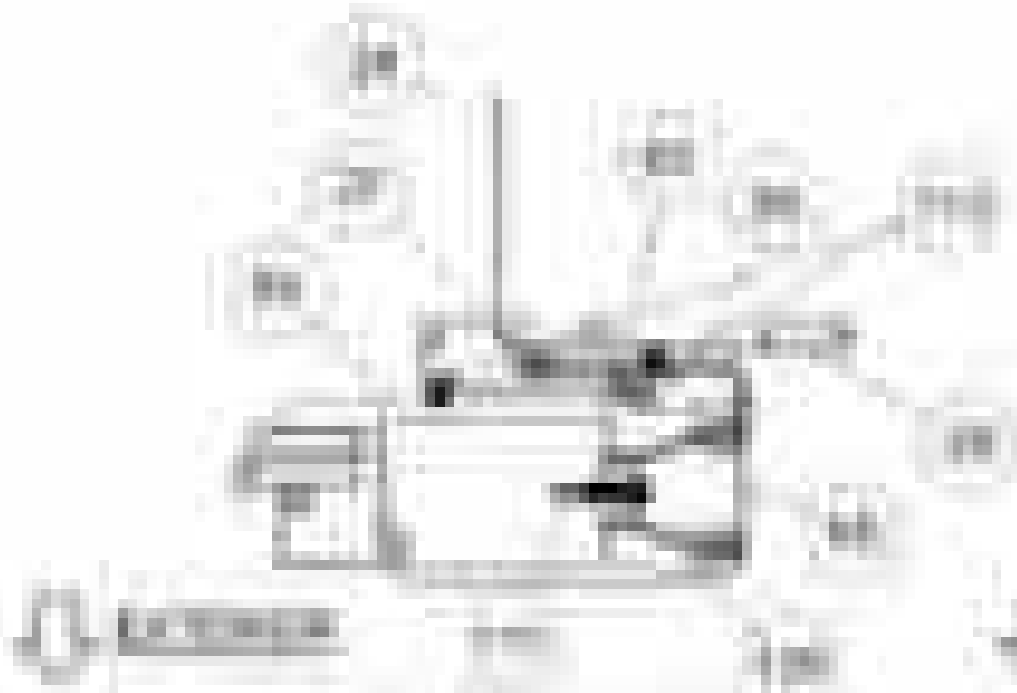
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STATE OF

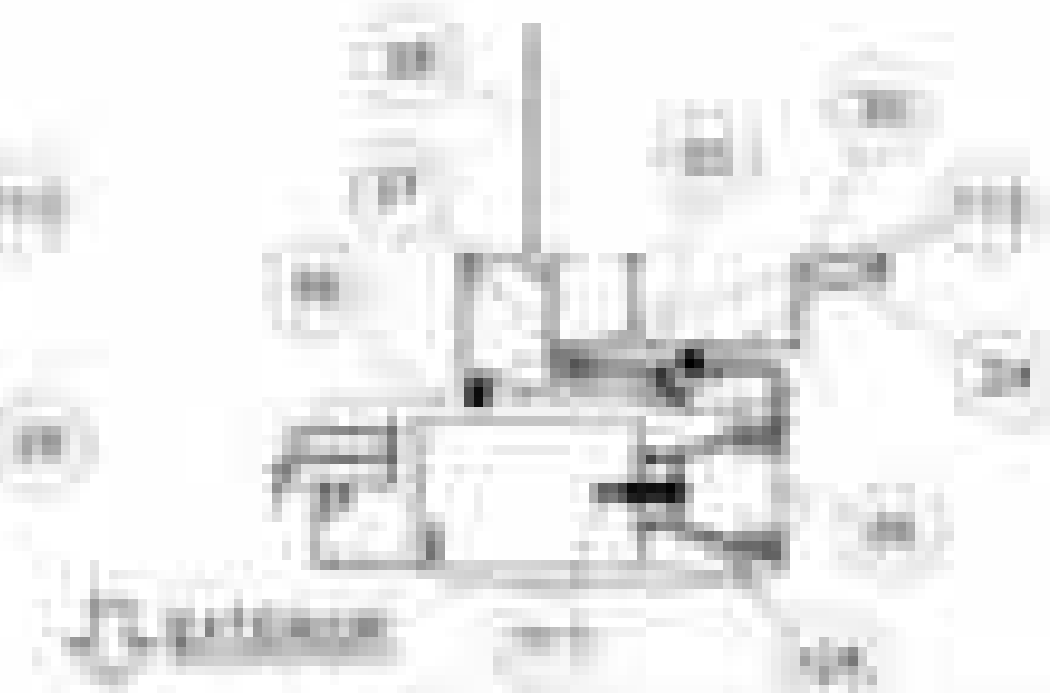
PROFESSIONAL ENGINEER

ASSEMBLY DETAILS

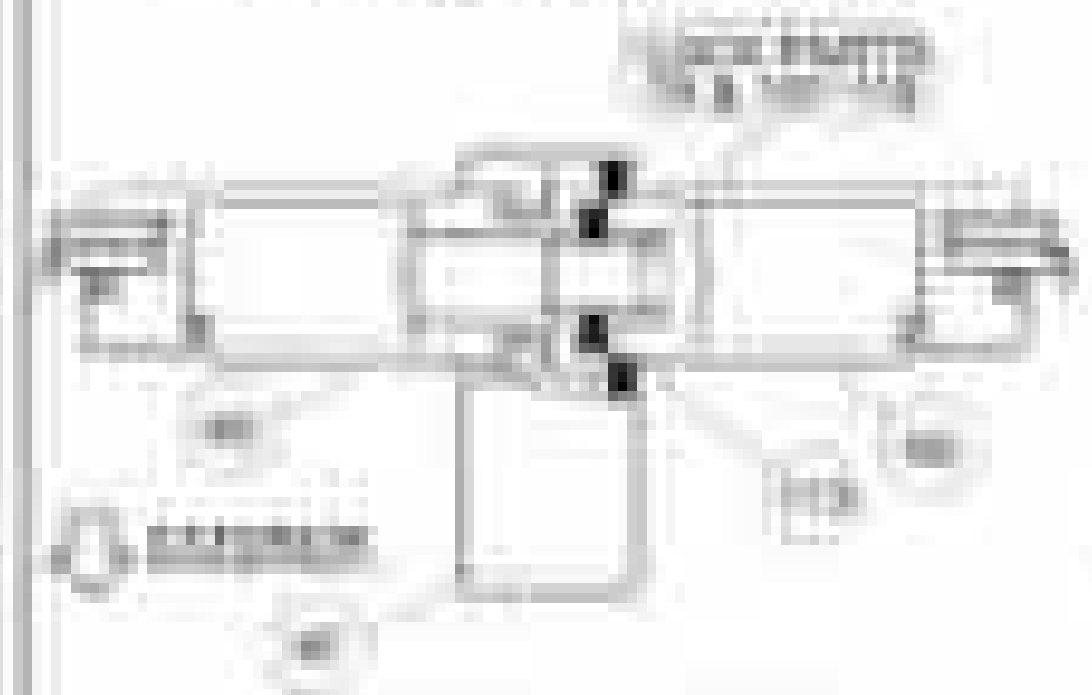
(SEE SHEETS 13-17 FOR FOR INSTALLATION DETAILS)



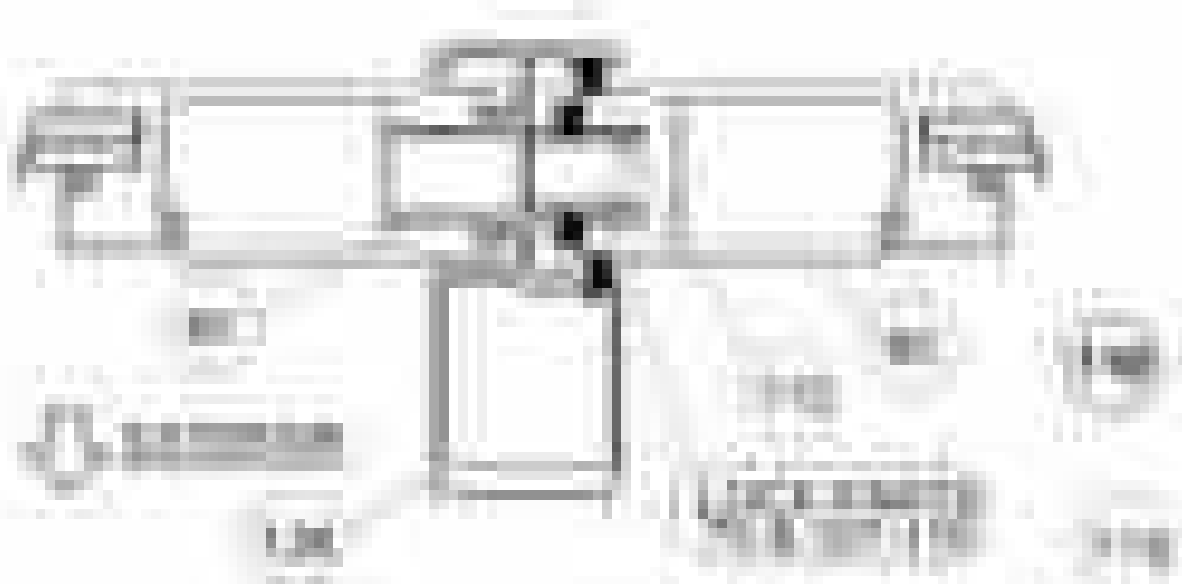
DET. P-HOOK FOR FLAT SILLS (EXT. OR INT. MOUNT)



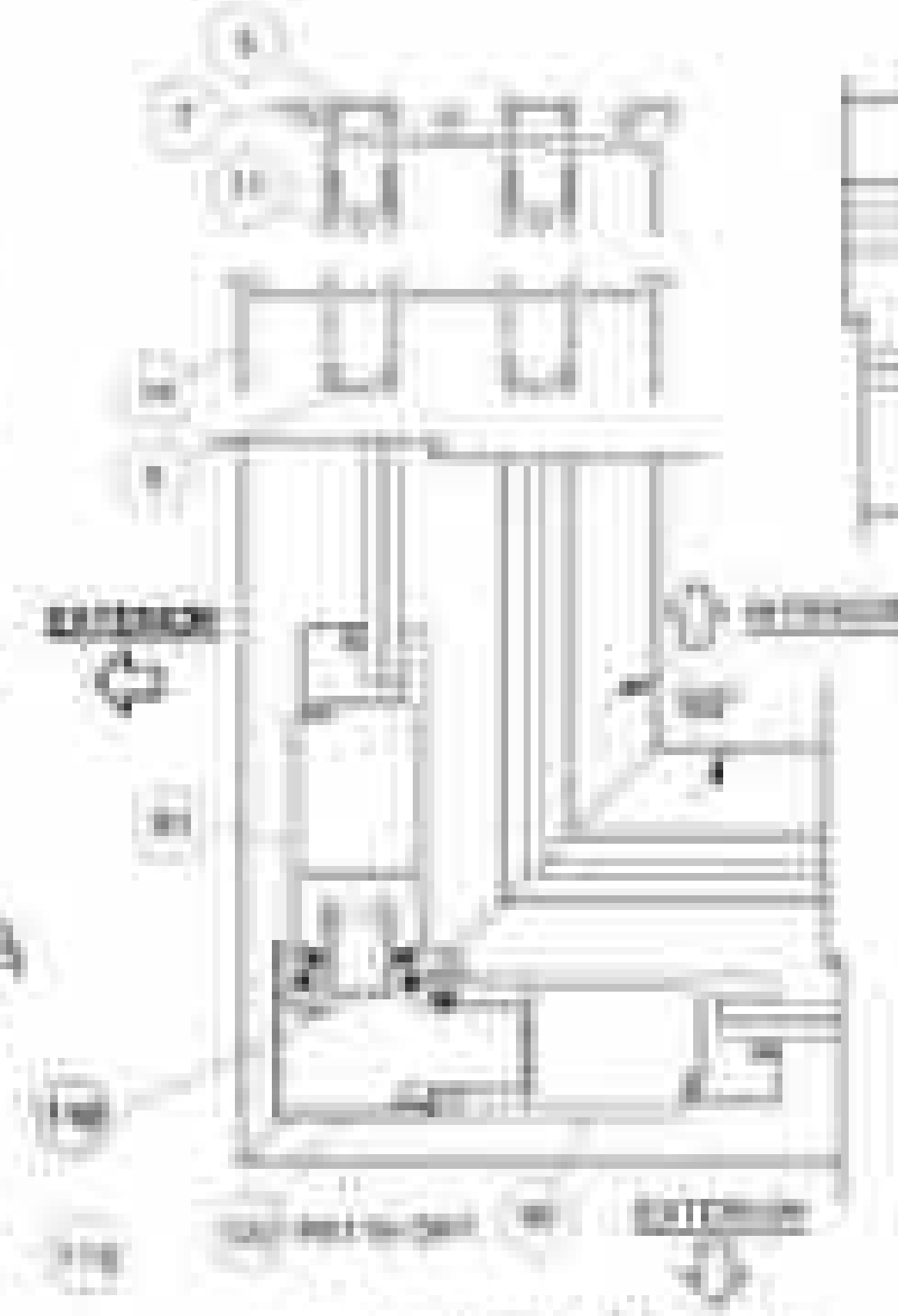
DET. P-HOOK FOR BOX SILLS EXT. MOUNT ONLY



DET. STANDARD ASTRAGAL #87 WITH NARROW LOCK STILES #80
EXTERIOR BOX ASTRAGAL SHOWN (BOX-OUT) MAY ALSO BE INSTALLED TOWARDS INTERIOR ([illegible])



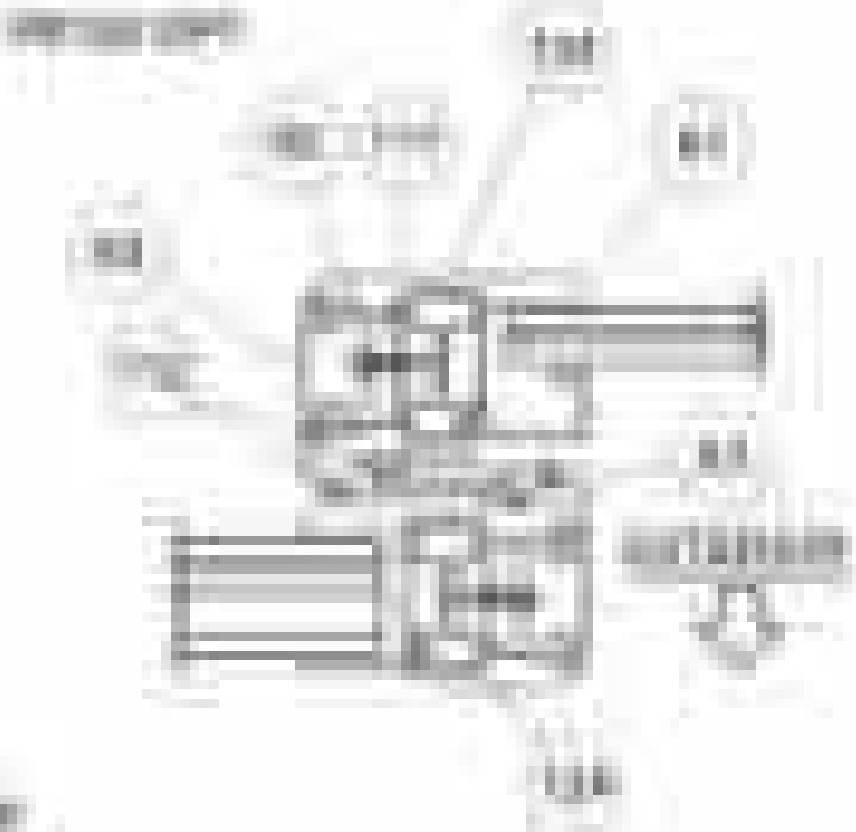
DET. HD ASTRAGAL #126 WITH NARROW LOCK STILES #80



DET. 90° OUTSIDE CORNER 2-TRACK SHOWN



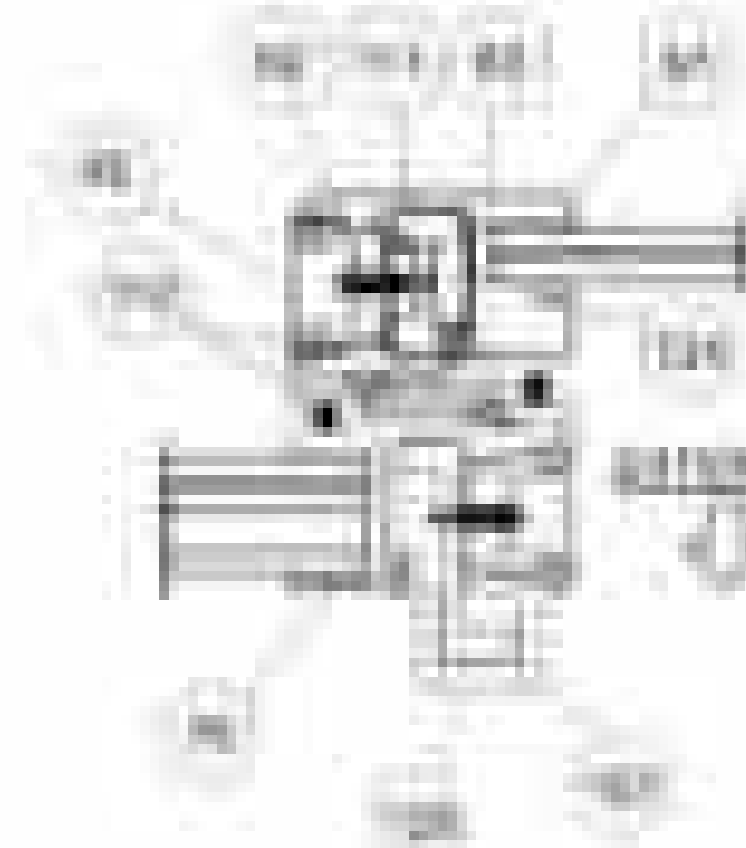
DET. 90° INSIDE CORNER 2-TRACK SHOWN



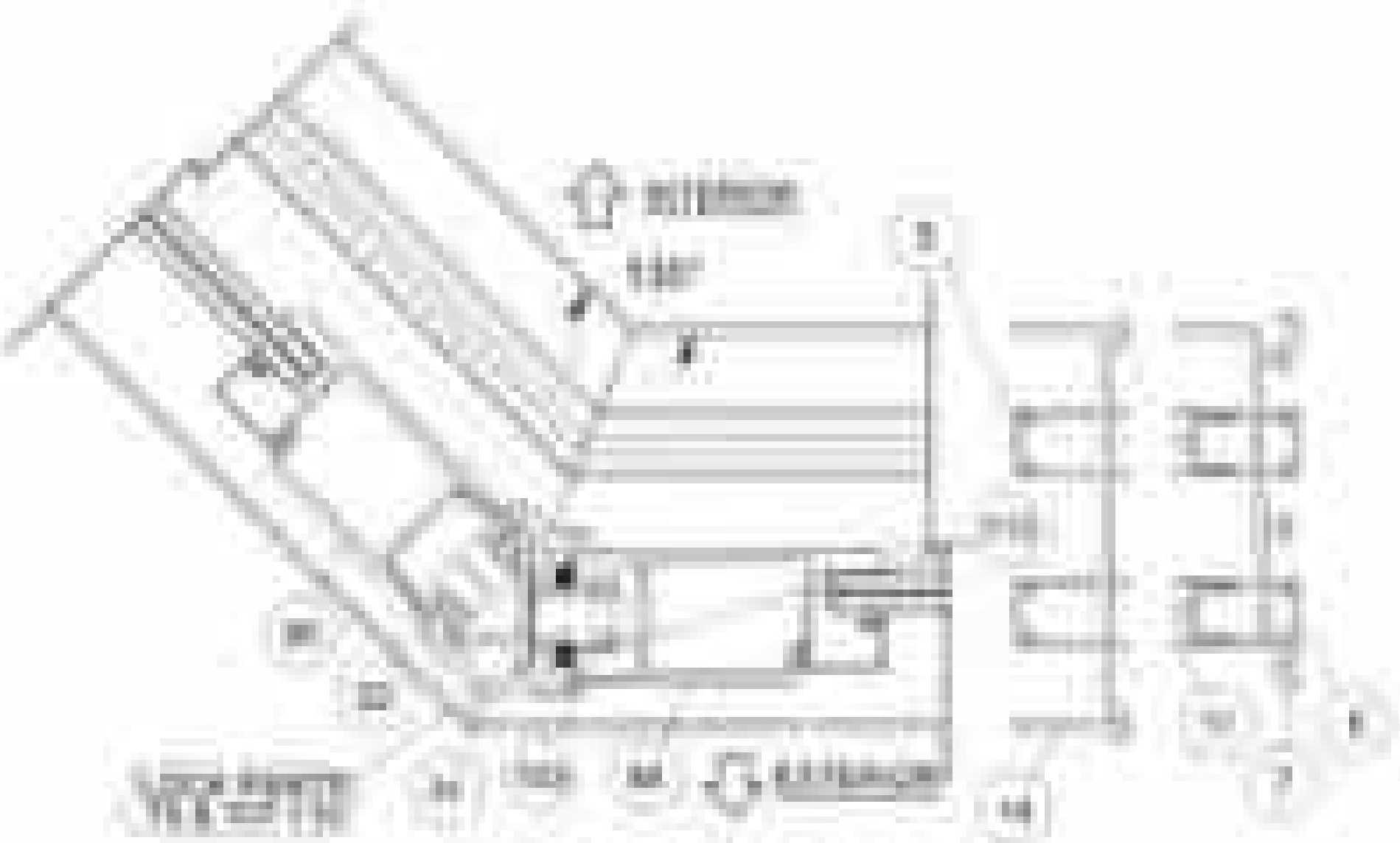
DET. REINFORCED INTERLOCK



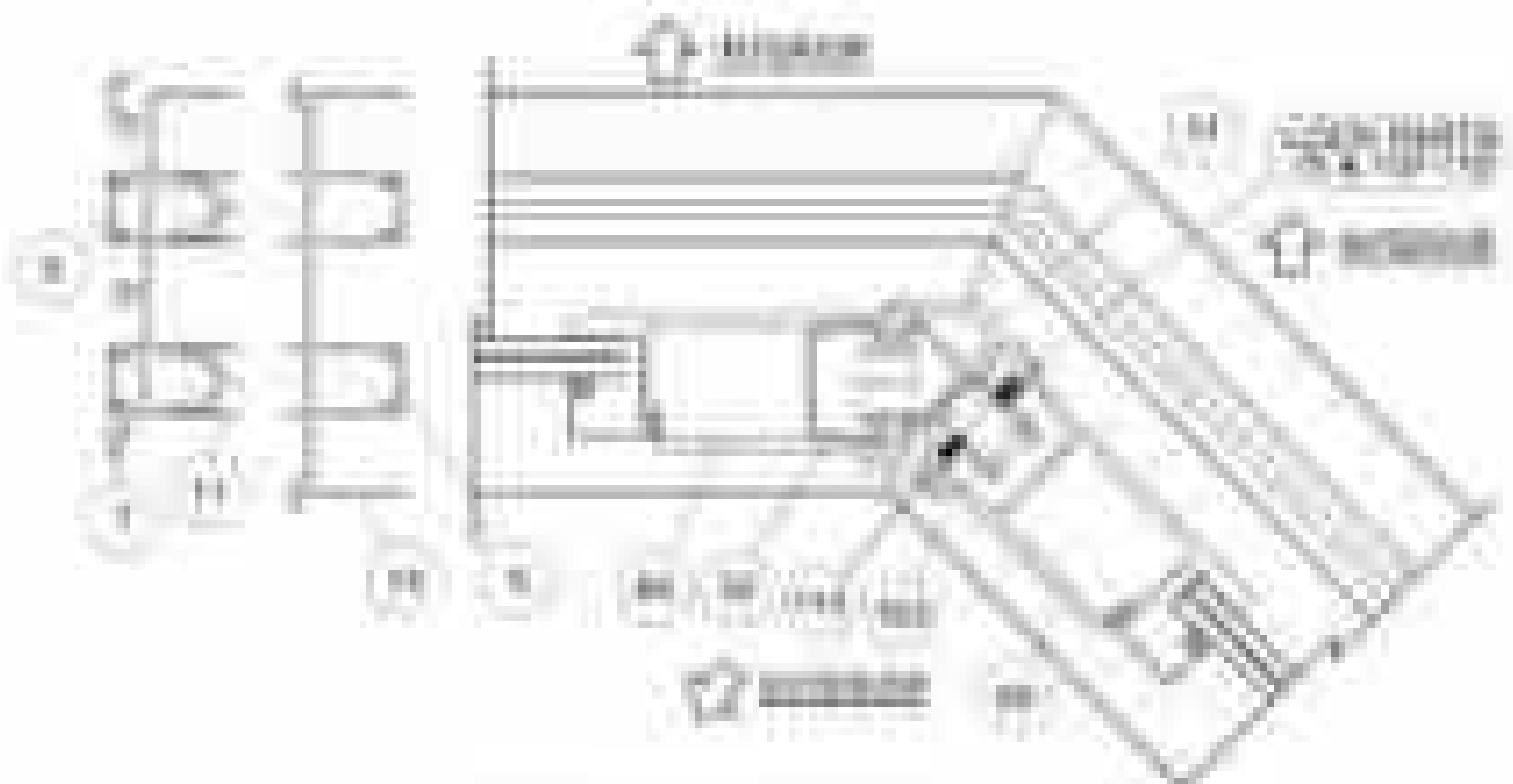
DET. INTERLOCK



DET. REINFORCED HD INTERLOCK ([illegible])



DET. 135° OUTSIDE CORNER 2-TRACK SHOWN



DET. 135° INSIDE CORNER 2-TRACK SHOWN

PGT

HORIZONTAL SECTION DETAILS

ANTHONY LYNN MILLER
PROFESSIONAL ENGINEER

Item	PGT Dwg. #	PGT #	Description
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2	[illegible]	[illegible]	2-TRACK HEAD WITH [illegible] RAIL
3	[illegible]	[illegible]	3-TRACK HEAD
4	[illegible]	[illegible]	4-TRACK HEAD
5	[illegible]	[illegible]	FRAME SCREW COVER
6	[illegible]	[illegible]	FRAME HEAD [illegible]
7	[illegible]	[illegible]	2-TRACK SILL
8	[illegible]	[illegible]	2-TRACK SILL WITH [illegible]
9	[illegible]	[illegible]	3-TRACK SILL
10	[illegible]	[illegible]	4-TRACK SILL
11	[illegible]	[illegible]	FRAME SILL [illegible]
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13	[illegible]	[illegible]	FRAME SILL [illegible]
14	[illegible]	[illegible]	2-TRACK JAMB
15	[illegible]	[illegible]	2-TRACK JAMB WITH SCREEN [illegible]
16	[illegible]	[illegible]	3-TRACK JAMB
17	[illegible]	[illegible]	4-TRACK JAMB
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NOTES:
1) ALL ALUMINUM = 6063-T6

2) USE OF #12 OR #13 REQUIRES MIN. #10 SMS OR 3/16" MASONRY ANCHORS @ 24" MAX. O.C.

PGT

BILL OF MATERIALS

ANTHONY LYNN MILLER
No. 58705
PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E.

1. 2-TRACK HEAD (6063-T6 AL)

2. 4-TRACK SILL (6063-T6 AL)

3. 2-TRACK HEAD W/ SCREEN TRACK (6063-T6 AL)

4. 3-TRACK SILL (6063-T6 AL)

5. 3-TRACK HEAD (6063-T6 AL)

6. 2-TRACK SILL W/ SCREEN TRACK (6063-T6 AL)

7. 4-TRACK HEAD (6063-T6 AL)

8. 3-TRACK SILL (6063-T6 AL)

9. FRAME HEAD/JAMB SCREEN ADD-ON (6063-T5 AL)

10. FRAME SILL SCREEN ADD-ON (6063-T5 AL)

REQUIRES MIN. #10 SMS OR 3/16" MASONRY ANCHORS @ 24" MAX. O.C.

11. FRAME SILL SCREEN END ADD-ON (6063-T5 AL)

REQUIRES MIN. #10 SMS OR 3/16" MASONRY ANCHORS @ 24" MAX. O.C.

12. 2-TRACK JAMB W/ SCREEN TRACK (6063-T6 AL)

13. 3-TRACK JAMB (6063-T6 AL)

14. 2-TRACK JAMB (6063-T6 AL)

15. 4-TRACK JAMB (6063-T6 AL)

16. SCREEN STILE (6063-T6 AL)

17. SCREEN TOP RAIL (6063-T6 AL)

18. SCREEN BOTTOM RAIL (6063-T6 AL)

19. FRAME SCREEN COVER (6063-T6 AL)

20. SILL TRACK (6063-T6 AL)

SEE SHEET 21 FOR SILL RISERS.

NO.	REVISION	DATE
1	ADDED THIS SHEET	04/12/21

DRAWN BY	CHECKED BY	DATE
A. MORELEON		04/12/21

PGT

EXTRUSIONS

REGISTERED PROFESSIONAL ENGINEER

(a) P-HOOK (6063-T5 AL)

(b) P-HOOK MOUNTING ADAPTOR (6063-T6 AL)

(c) P-HOOK SCREW COVER (6063-T5 AL)

(d) P-HOOK FOR BOX RISER (6063-T6 AL)

(e) 135° CORNER (6063-T5 AL)

(f) 135° FIXED MOUNT (6063-T5 AL)

(g) NARROW LOCK STILE (6063-T5 AL)

(h) NARROW INTERLOCK STILE (6063-T5 AL)

(i) NARROW INTERLOCK ADAPTER (6063-T5 AL)

(j) INTERLOCK SCREW COVER (6063-T5 AL)

(k) STANDARD ASTRAGAL (6063-T5 AL)

(l) TOP/BOTTOM RAIL (6063-T5 AL)

(m) GLAZING BEAD (3 S.) (6063-T5 AL)

(n) 7/16" GLAZING BEAD FIXED PANEL CLIP (6063-T5 AL)

(o) 9/16" GLAZING BEAD (6063-T5 AL)

(p) FIXED PANEL CLIP (6063-T5 AL)

(q) FIXED PANEL RETAINER, 9/16" (6063-T5 AL)

(r) 90° SQUARE CORNER COVER (6063-T5 AL)

(s) FIXED PANEL RETAINER, 7/8" (6063-T5 AL)

(t) 90° CORNER ADAPTER (6063-T5 AL)

(u) 90° CORNER COVER (6063-T5 AL)

(v) NARROW INTERLOCK REINFORCEMENT (6063-T5 AL)

(w) INTERLOCK AT R-HOOK (6063-T5 AL)

(x) NARROW "HD" INTERLOCK (6063-T5 AL)

(y) HD "Z" (6063-T5 AL)

(z) HD ASTRAGAL (6063-T5 AL)

NO.	REVISION	DATE
1		
2		
3		
4		

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EXTRUSIONS

ALUMINUM

ARCHITECTURAL LYNX MILLS
No. 39705
PROFESSIONAL ENGINEER
STATE OF FLORIDA