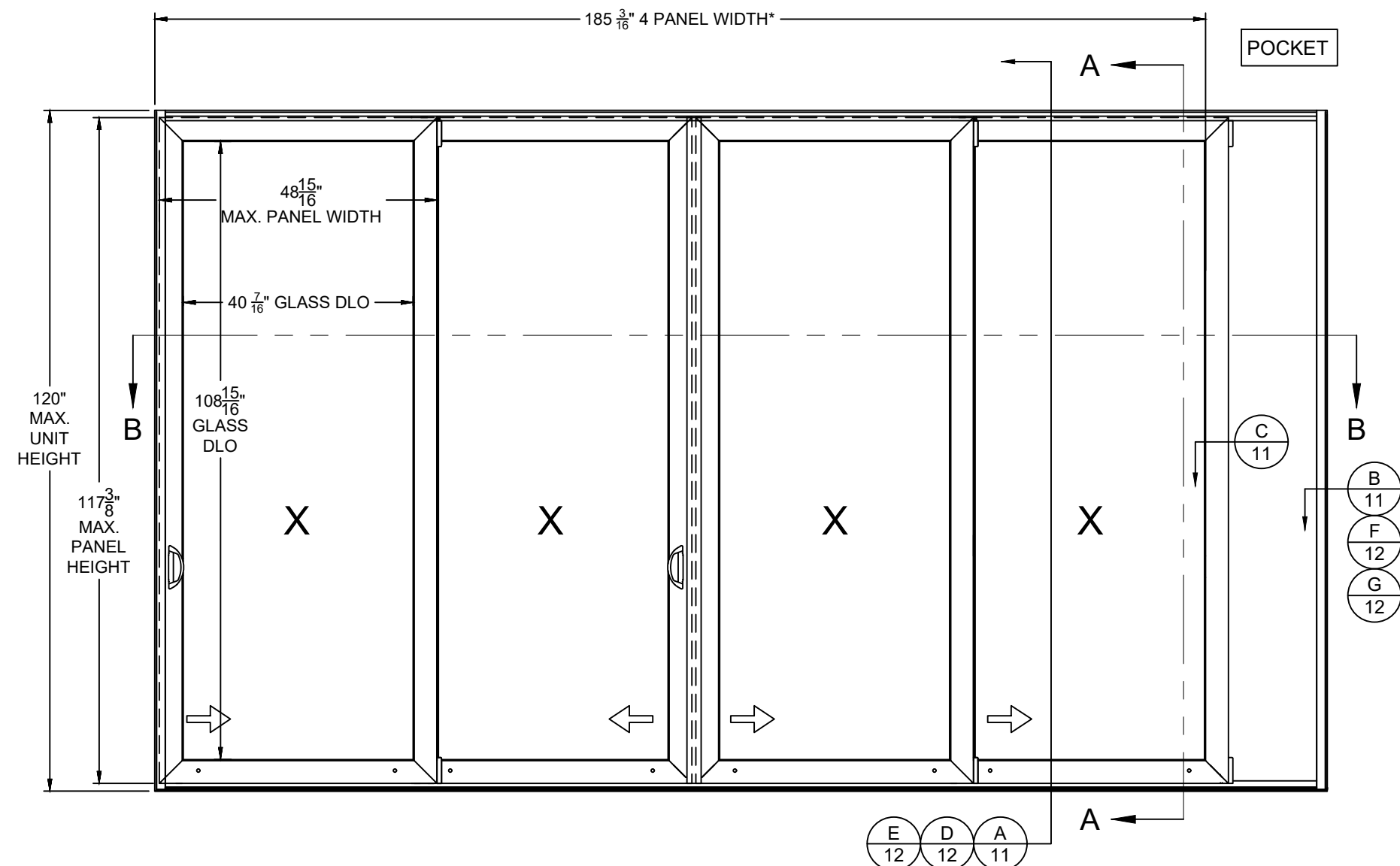


SLIDING GLASS DOOR - LARGE MISSILE IMPACT



- GENERAL NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION AND IS RATED FOR USE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AND IS RATED FOR WIND ZONE 4 MISSILE LEVEL D IMPACT USE AS DEFINED IN ASTM E 1996 PER THE FBC.
 2. GLAZING OPTIONS: (SEE SHEET 3)
 3. APPROVED CONFIGURATIONS INCLUDE BUT ARE NOT LIMITED TO:
"XO", "OX", "XX", "OXO", "XXX", "OXXO", "XXXX", "PX", "PXX", "PXXX", "PXXXX", "PXXP", "PXXXXP", "PXXXXXP", "PXXXXXXP"
2 TRACK, 3 TRACK, 4 TRACK
 4. DESIGN PRESSURE RATING:
-NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04e1/09.
-POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E-1300-04e01/09.
 5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEETS 10-11 FOR ANCHOR DETAILS. WINDLOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 6. PRODUCT APPROVED FOR IMPACT USE. SHUTTERS ARE NOT REQUIRED.
 7. ALL FRAMES ARE PROCESSED AND SCREWED TOGETHER. VENTS ARE PROCESSED AND THERMAL WELDED TOGETHER.
 8. SERIES / MODEL DESIGNATION SGD-8800.
 9. THE DESIGNATION X AND O STAND FOR THE FOLLOWING:
X = OPERABLE SASH, O = FIXED SASH, P = POCKET/HOOKSTRIP
 10. SECTION CALLOUTS APPLY TO ALL CONFIGURATIONS IN A SIMILAR LOCATION.
 11. WEEP SLOTS = 1/2" x 1" LOCATED @ BOTH ENDS.

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8800 PVC
SLIDING GLASS
DOOR - IMPACT

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FL PE # 58201
2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:

GENERAL NOTES AND
ELEVATIONS

DRAWN BY:	DATE:
BLZ	05/17/16
DWG #:	REV.:
CWS-1152	B
SCALE:	SHEET
1:25	1 OF 11

TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS....1
SECTION VIEWS.....2
BOM & GLAZING DETAIL.....3
EXTRUSIONS.....4-5
TRACK WIDTHS.....6
ANCHOR SCHEDULE & NOTES.....7
ANCHOR PATTERNS.....8-9
INSTALLATION DETAILS.....10-11

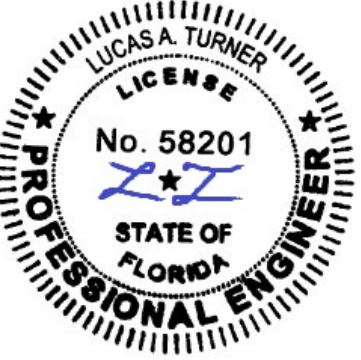
MAX. PANEL SIZE	DESIGN PRESSURE RATING	IMPACT RATING
48-15/16" x 117-3/8"	+/-65 PSF	LARGE MISSILE

1 (4) PANELS SHOWN; HVHZ LIMITED TO MAX. (9) PANELS. OUTSIDE HVHZ, UNLIMITED NUMBER OF PANELS IS ALLOWABLE AS LONG AS INDIVIDUAL PANELS DO NOT EXCEED PANEL SIZE AS SHOWN.

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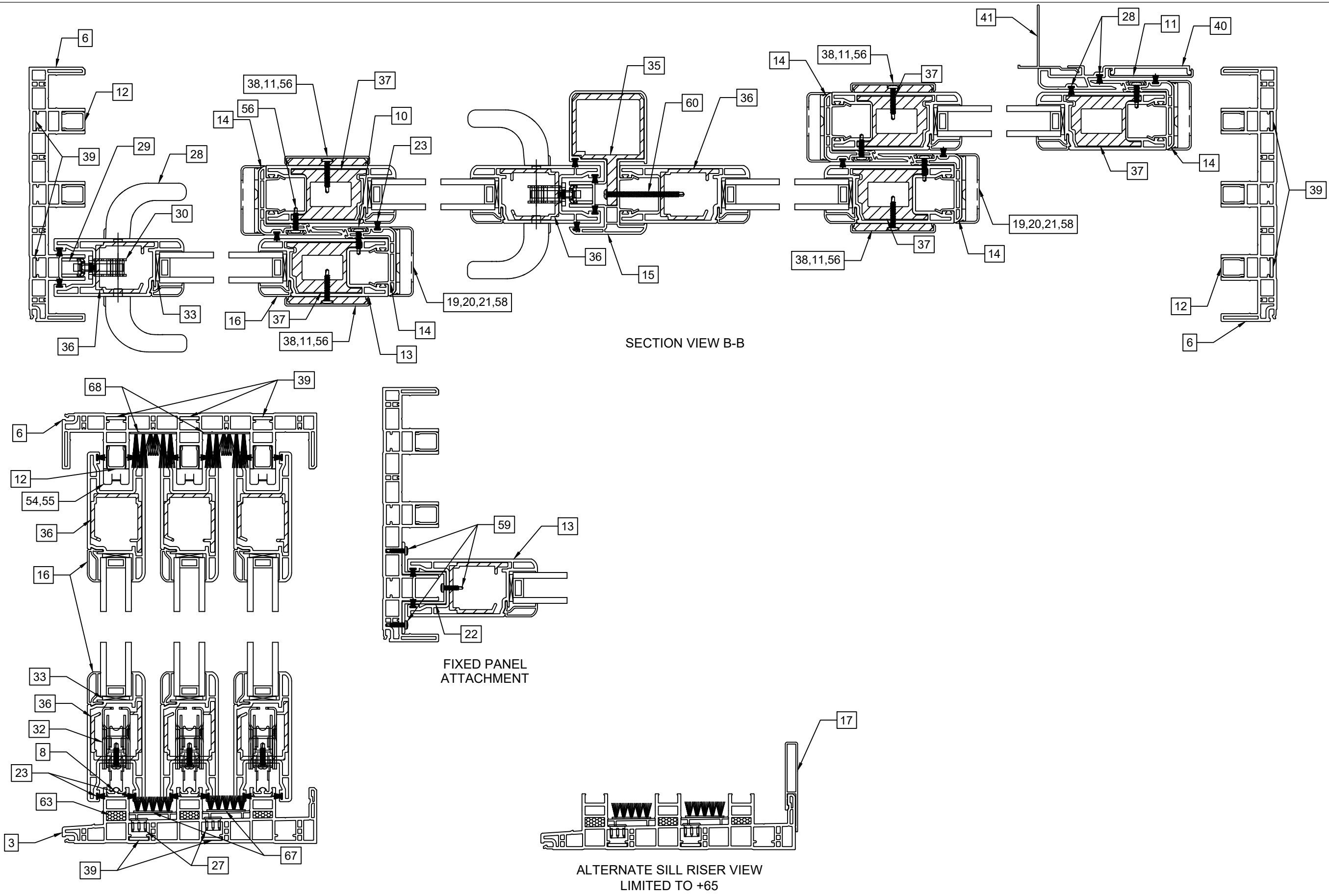
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SECTION VIEWS

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CWS-1152	B
SCALE:	SHEET
1:3	2 OF 11

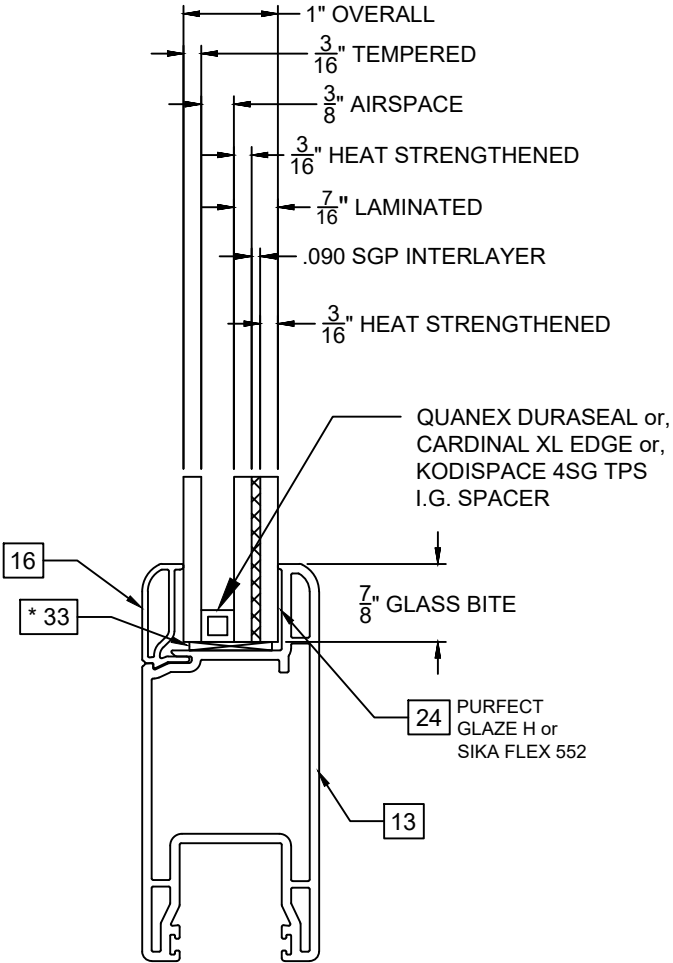


ITEMS NOT SHOWN FOR CLARITY:
20, 24-26, 31, 55-58, 61-62, 64-66

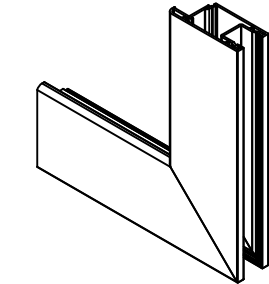
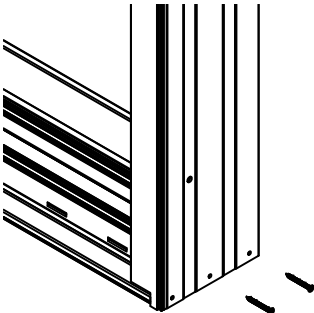
NOTES:
1) INSTALLATION W/NO SILL RISER ALLOWED TO THE FULL DP'S INDICATED ABOVE, IN LOCATIONS WHERE WATER INFILTRATION RESISTANCE IS NOT REQUIRED, SUCH AS BUT NOT LIMITED TO LOCATIONS WHERE AN OVER HANG IS PRESENT THAT IS AS WIDE AS THE WALL IS TALL.

PARTS LIST			
ITEM	PART #	DESCRIPTION	MATERIAL
1	GLASS	SEE THIS SHEET	
2	H-6161	2-Track Sill	PVC
3	H-6163	3-Track Sill	PVC
4	H-6165	4-Track Sill	PVC
5	H-6160	2-Track Head/Jamb	PVC
6	H-6162	3-Track Head/Jamb	PVC
7	H-6164	4-Track Head/Jamb	PVC
8	S-2064	Roller Track Insert	Aluminum
9	S-6171	Cover, Sill Track	PVC
10	S-6169	Cover, Interlock	PVC
11	S-6172	Cover, External Reinforcement/P-Hook	PVC
12	S-6175	Track Filler, Frame	PVC
13	H-6166	Panel Stile/Rail	PVC
14	H-6168	Interlock, Snap-On	PVC
15	H-6167	Astragal	PVC
16	H-6170	Glazing Bead, I.G., 1"	PVC
17	H-2060	Sill Riser, 2.875"	Aluminum
18	H-2062	Sill Riser, 4.062"	Aluminum
19	P-5517	Panel Guide, Interlock	Aluminum
20	P-5558	Support Channel, Bot Rail, Interlock	Aluminum
21	P-5511	Cover, Panel Guide, Interlock	Nylon
22	P-5516	Bracket, Fixed Panel	Aluminum
23	P-3300	Wtsp., 0.280" x 0.187" Back, Fin, Black	
24	P-3438	Backbedding, Purfect Glaze "H" Hot Melt	Silicone
25	P-3514	Screw, #10 x 2" Ph Comb Hd	Steel
26	P-3587	Screw, #8 x 1" PH FL TEK - Roller Asm/Mortise Lock	Steel
27	P-5588	Hole Plug, 0.500" Dia.	Nylon
28	P-5536	Handle Set with Thumb Turn	
29	P-3792	Keeper	
30	P-3793	Multi-Point Mortise Lock	
31	P-4250	Screw, #10 x 2.5" PH PN SMS - Keeper	Steel
32	P-5287	Tandem Roller Assy, 2.125" Dia Wheel	
33	P-5438	Setting Blocks, 0.090" x 0.875" x 1.5"	Rubber
35	H-2068	Reinforcement, Astragal	Aluminum
36	S-1775	Reinforcement, Lock Stile/Rails	Aluminum
37	H-2111	Reinforcement, HD, Interlock	Aluminum
38	S-2071	Reinforcement, External, Interlock	Aluminum
39	S-2069	Frame Insert, Installation Anchors	Aluminum
40	H-2063	P-Hook	Aluminum
41	S-2065	P-Hook Adaptor	Aluminum
42	S-2136	Screen, Astragal	Aluminum
43	H-2135	Screen, 1-Track Head/Jamb	Aluminum
45	S-2134	Screen, 1-Track Sill	Aluminum
46	S-2053	Screen, 2-Track Head	Aluminum
47	S-2054	Screen, 2-Track Jamb	Aluminum
48	S-2055	Screen, 2-Track Sill	Aluminum
49	S-2056	Screen, 3-Track Head	Aluminum
50	S-2057	Screen, 3-Track Jamb	Aluminum

ITEM	PART #	DESCRIPTION	MATERIAL
51	S-2058	Screen, 3-Track Sill	Aluminum
52	S-2059	Screen, Snap Cover	Aluminum
53	S-2070	Screen, Interlock	Aluminum
54	P-5477	Block, Anti-Lift	Nylon
55	P-5559	Screw, #14 x 4" PH PN SMS	Steel
56	P-4269	Screw, #8 x 1" PH PN Tek	Steel
57	P-3556	Screw, #8 x 2.5" PH FL Tek	Steel
58	P-4962	Screw, #8 x 3" PH FL Tek	Steel
59		Screw, #12 x 1 1/2" PH PN SMS	Steel
60	P-3609	Bumper, Panel Stop	Rubber
61	P-4291	Panel Stop Housing	Nylon
62	P-5479	Foam Block, Open Cell, 0.844" x 0.531" x 1"	
63	P-5492	Gasket, Frame Assembly, 2-Track	Butyl
64	P-5493	Gasket, Frame Assembly, 3-Track	Butyl
65	P-5494	Gasket, Frame Assembly, 4-Track	Butyl
66	P-4659	Dust Plug, 1-1/4" x 3" x 0.5"	
67	P-4366	Dust Plug, 1" x 3" x 1"	
68		Screen, Spline	Rubber
69		Screen, Cloth	



* SETTING BLOCKS PER FBC 2411.3.3.1



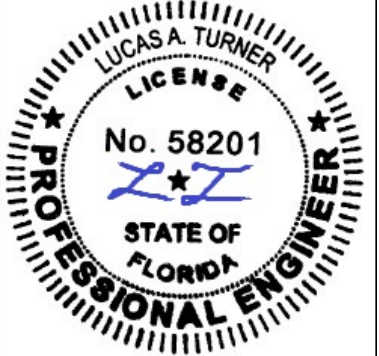
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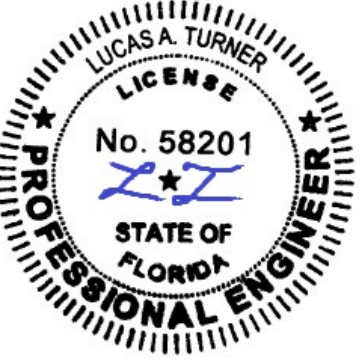
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BOM AND GLAZING
DETAIL

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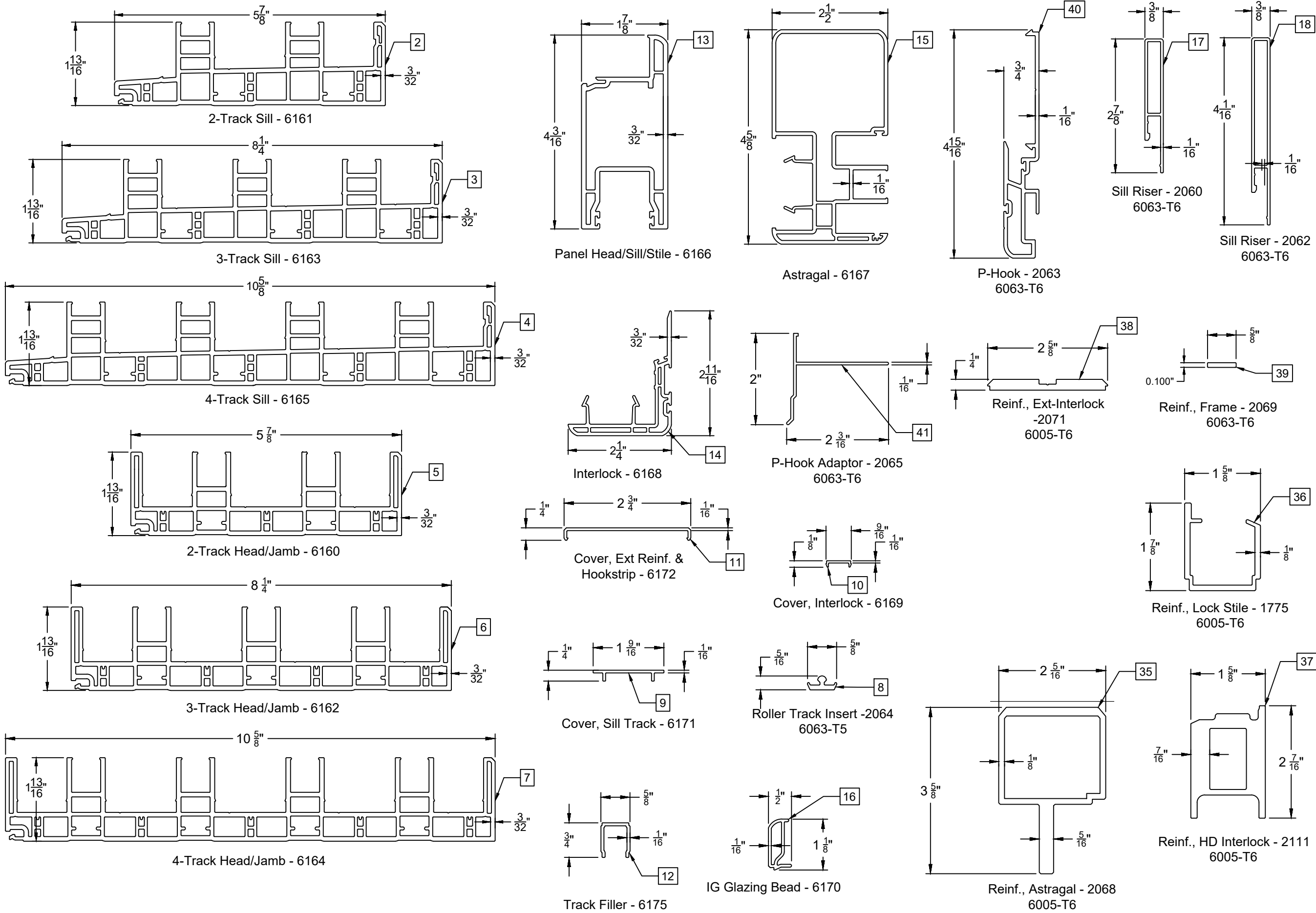
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SHEET DESCRIPTION:

EXTRUSIONS

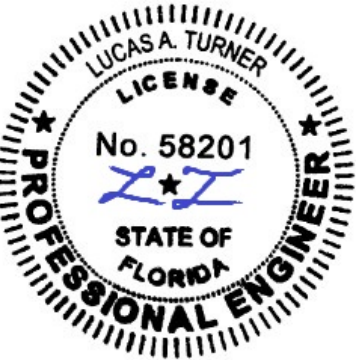
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CWS-1152	B
SCALE:	SHEET
1:2	4 OF 11



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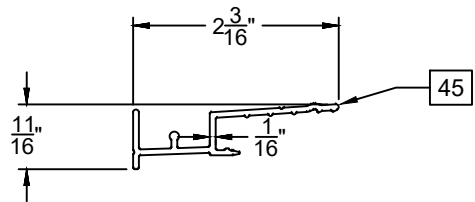
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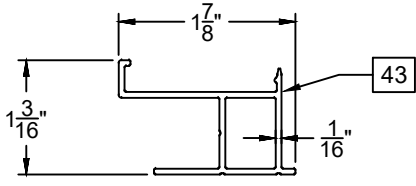
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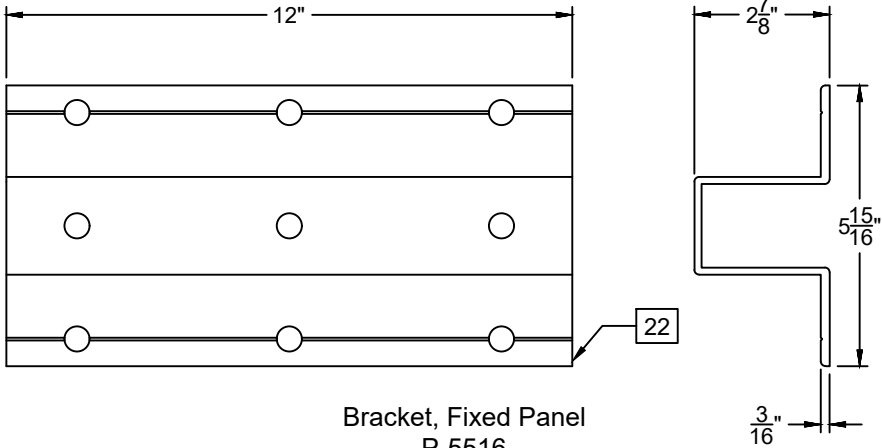
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BLZ	05/17/2016
DWG #:	REV.:
CWS-1152	B
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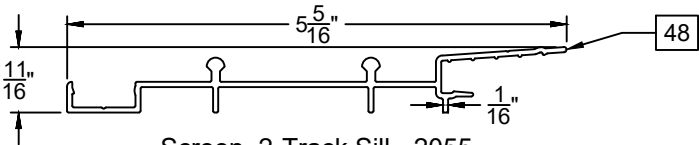
Screen, 1-Track Sill - 2134



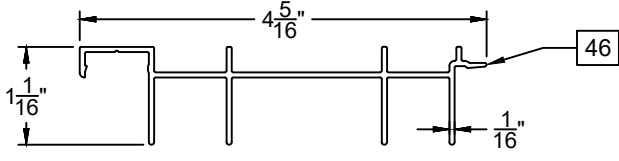
Screen, 1-Track Head/Jamb - 2135



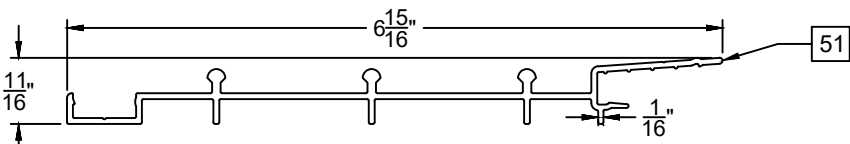
Bracket, Fixed Panel
P-5516



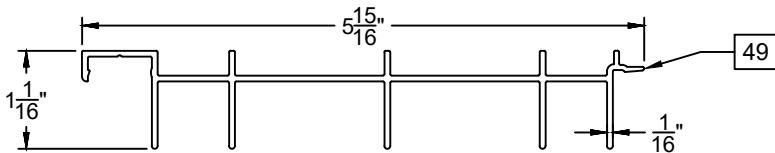
Screen, 2-Track Sill - 2055



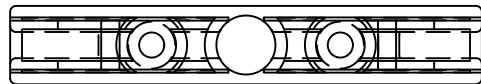
Screen, 2-Track Head - 2053



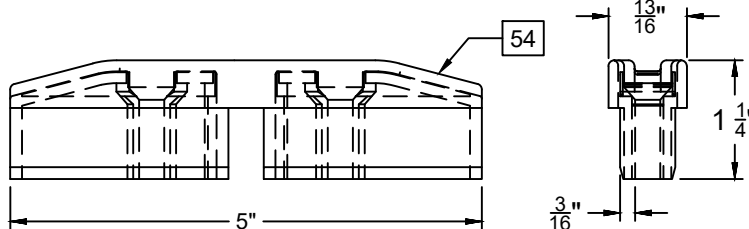
Screen, 3-Track Sill - 2058



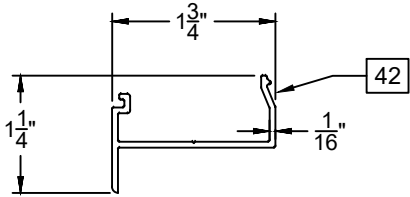
Screen, 3-Track Head - 2056



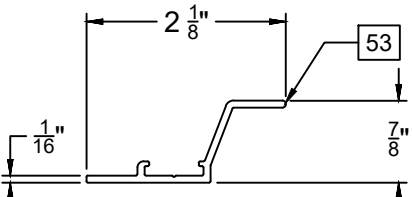
Block, Anti-Lift
P-5477, Nylon



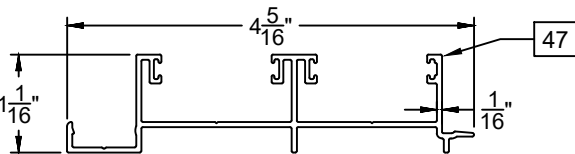
Screen, Snap Cover - 2059



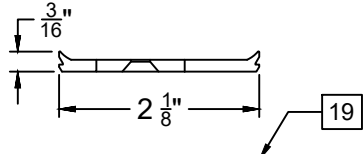
Screen, Astragal - 2134



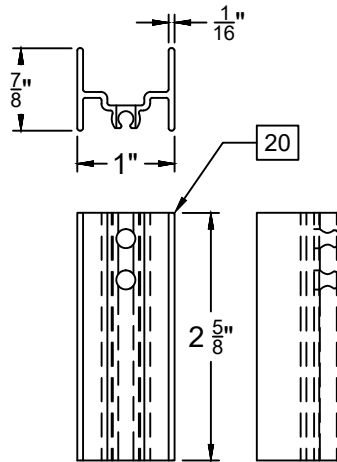
Screen, Interlock - 2097



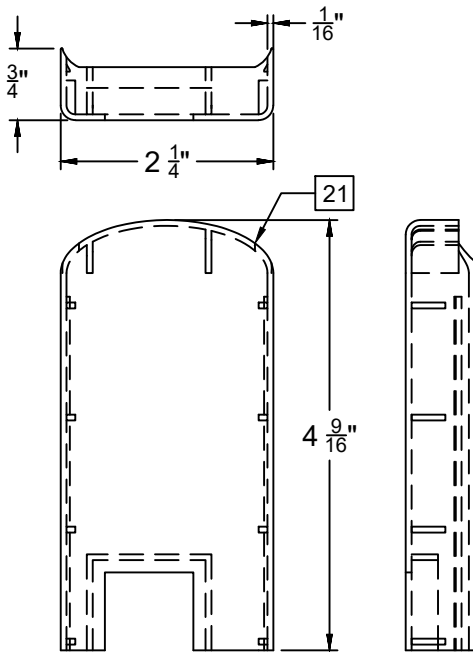
Screen, 2-Track Jamb - 2054



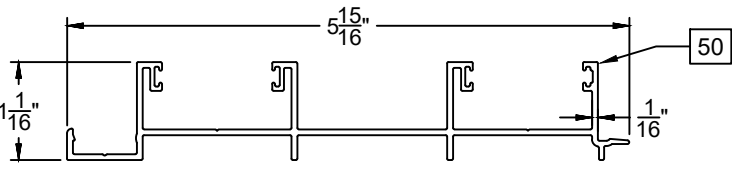
Panel Guide, Interlock - P-5517



Support Channel, Bot
Rail - Interlock - P-5558

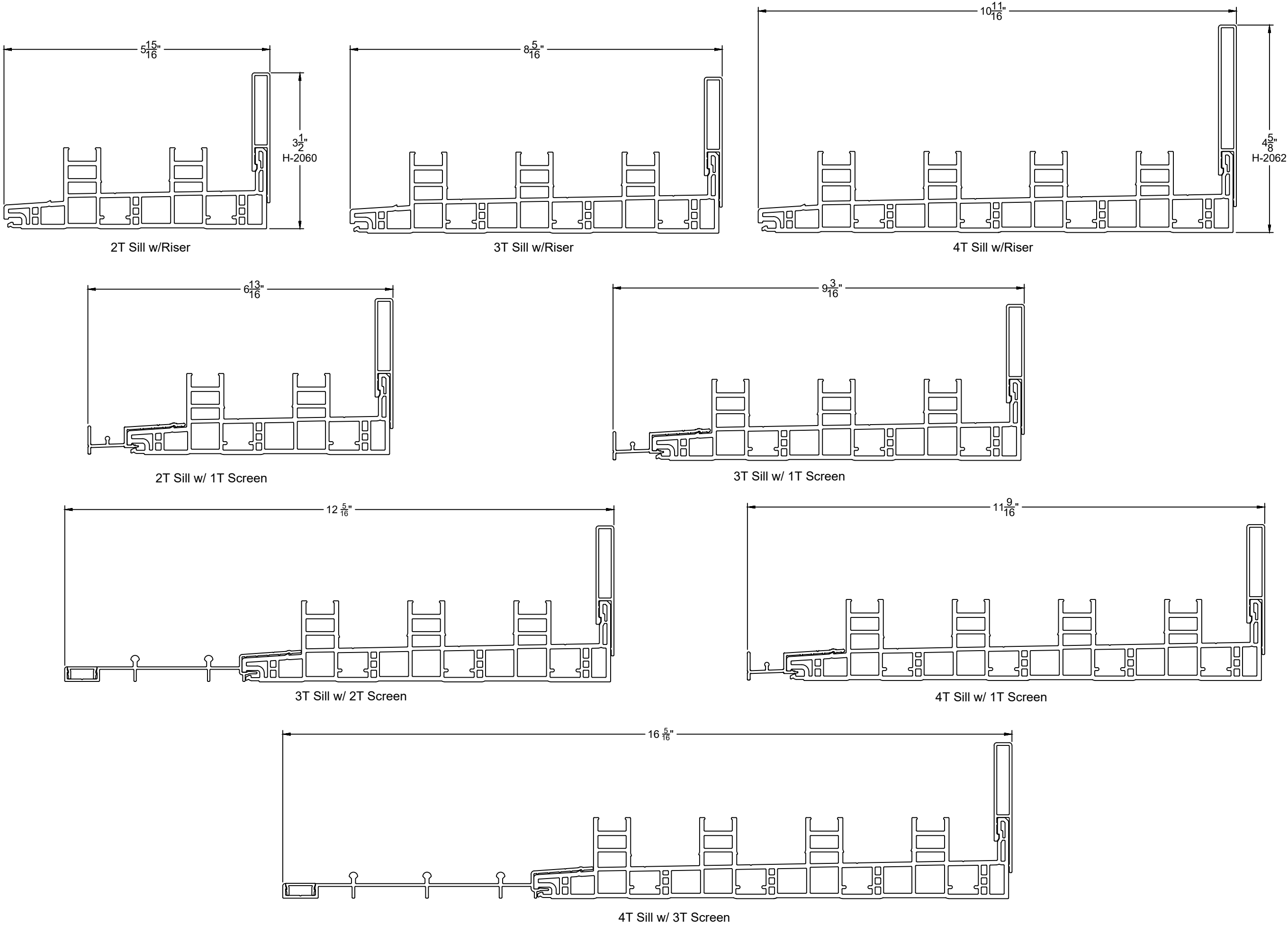


Cover, Interlock - Reinf.
P-5511, Nylon



Screen, 3-Track Jamb - 2057

NOTE: ALL ALUMINUM EXTRUSIONS ARE 6063-T6 UNLESS OTHERWISE NOTED.



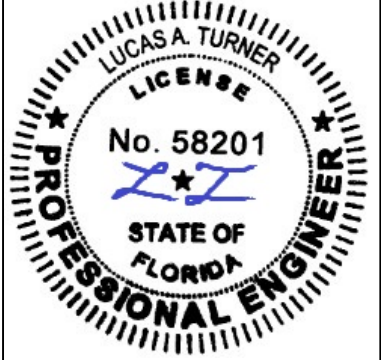


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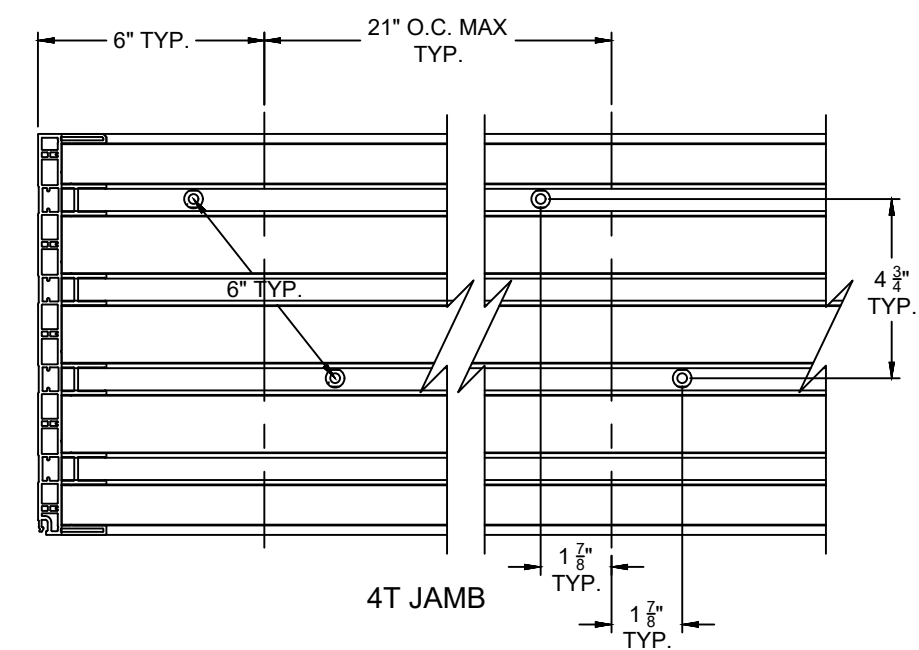
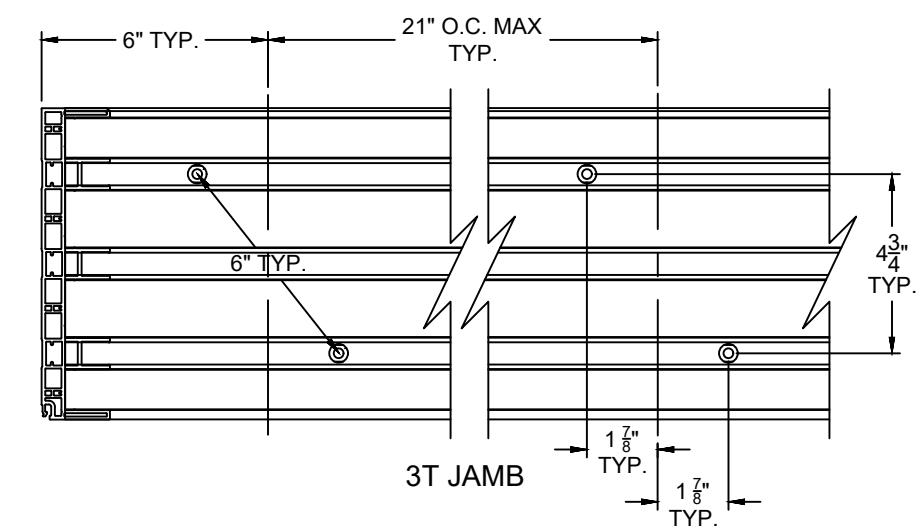
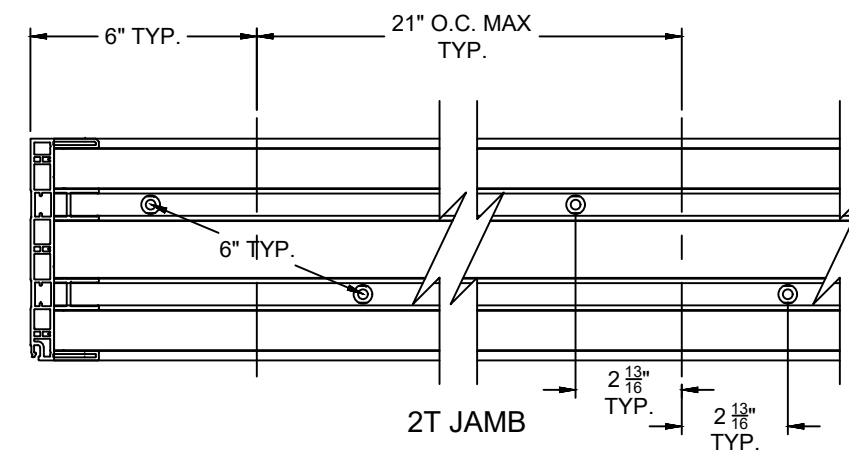
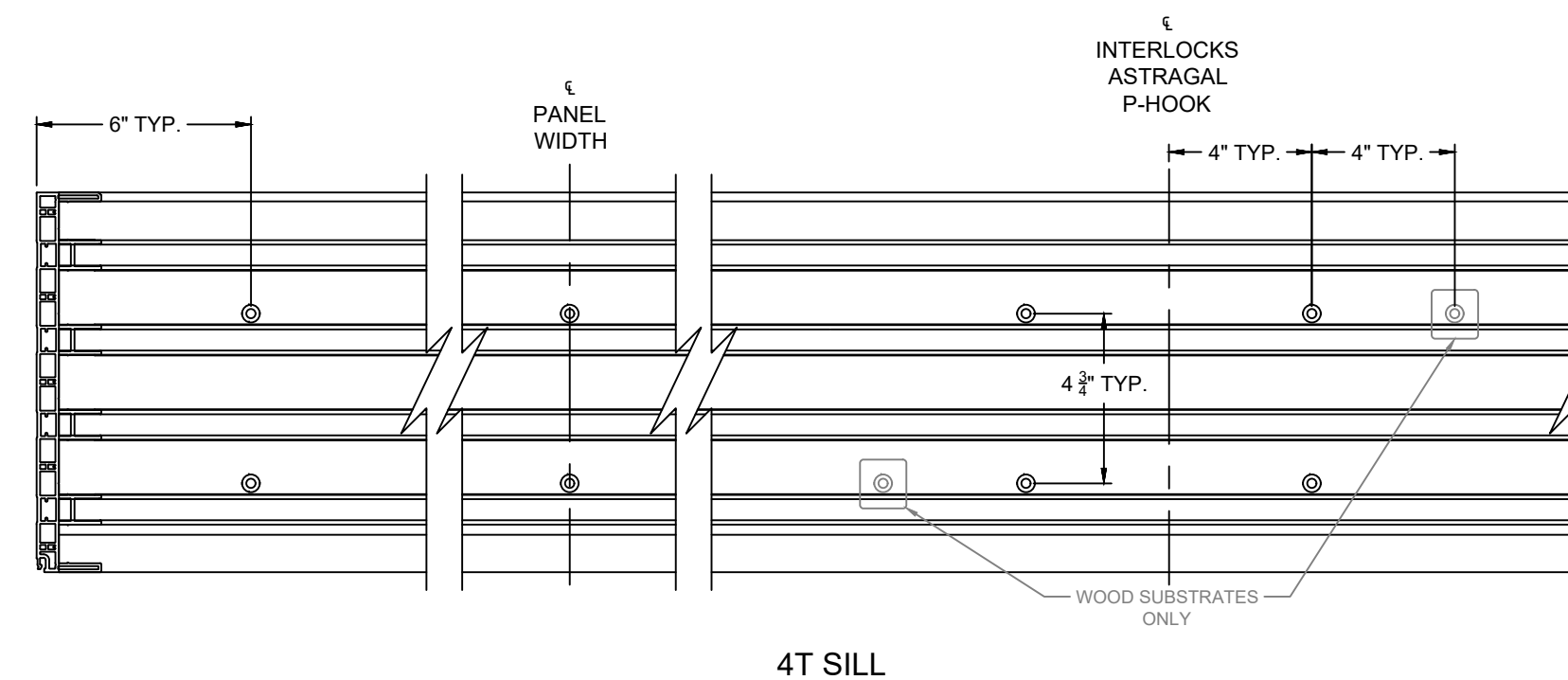
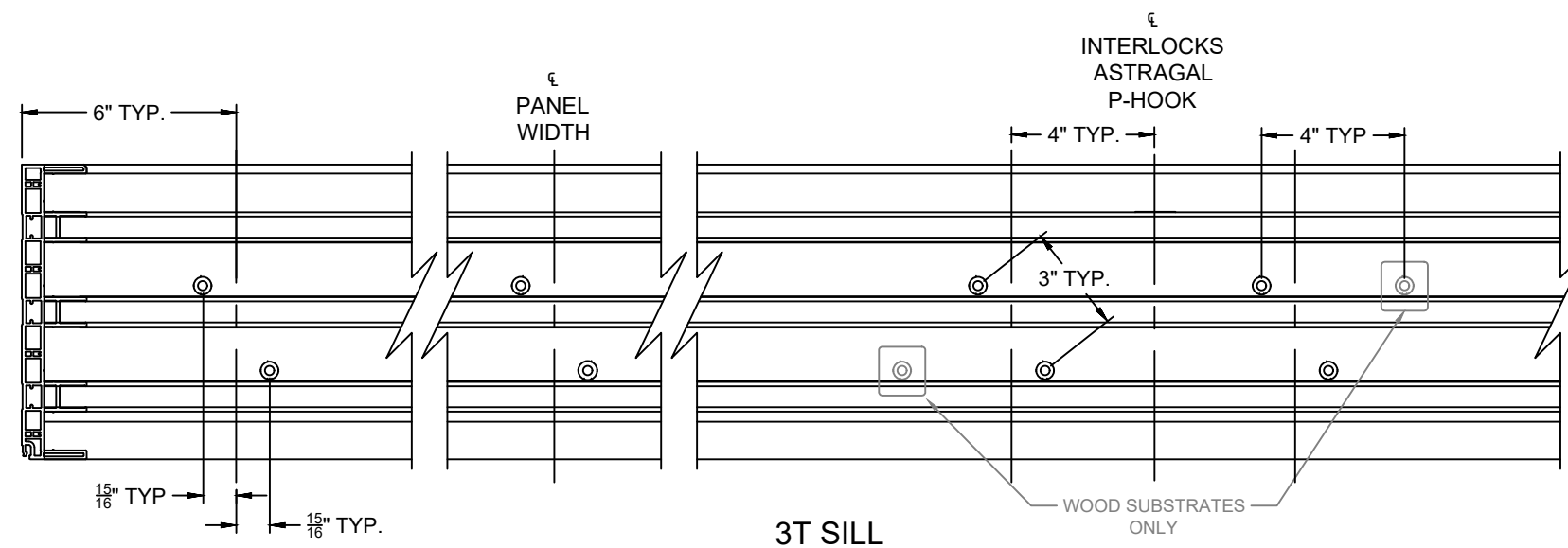
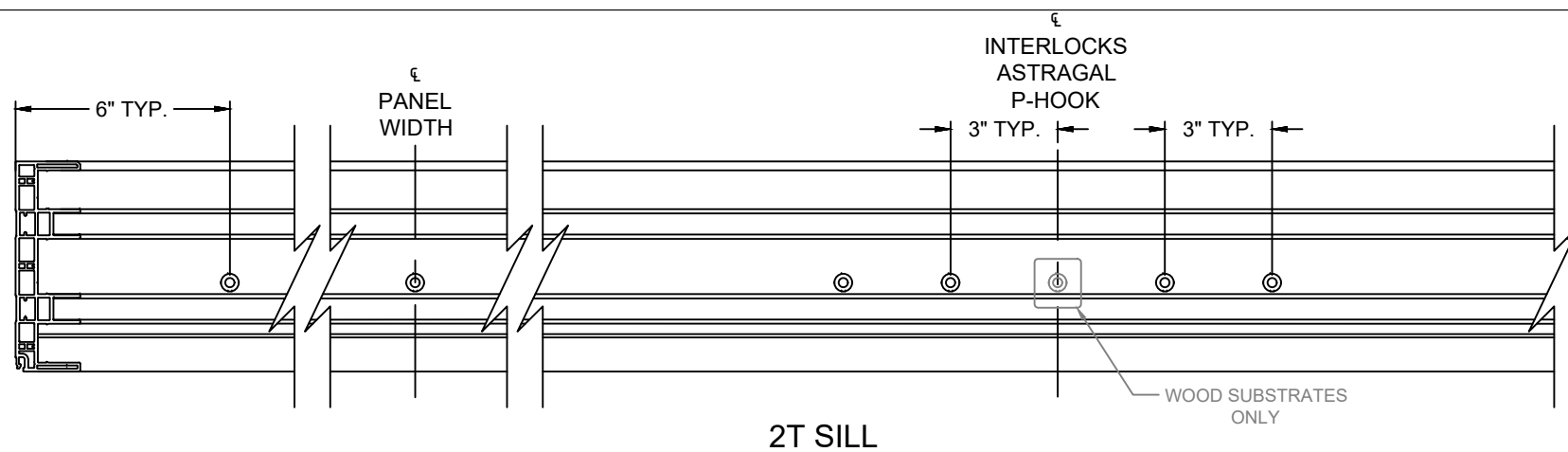
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SHEET DESCRIPTION:

TRACK WIDTHS

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DWG #: CWS-1152	REV.: B
SCALE: 1:2	SHEET 6 OF 11



NOTE: ⌒ = CENTERLINE OF INTERLOCK OR ASTRAGAL

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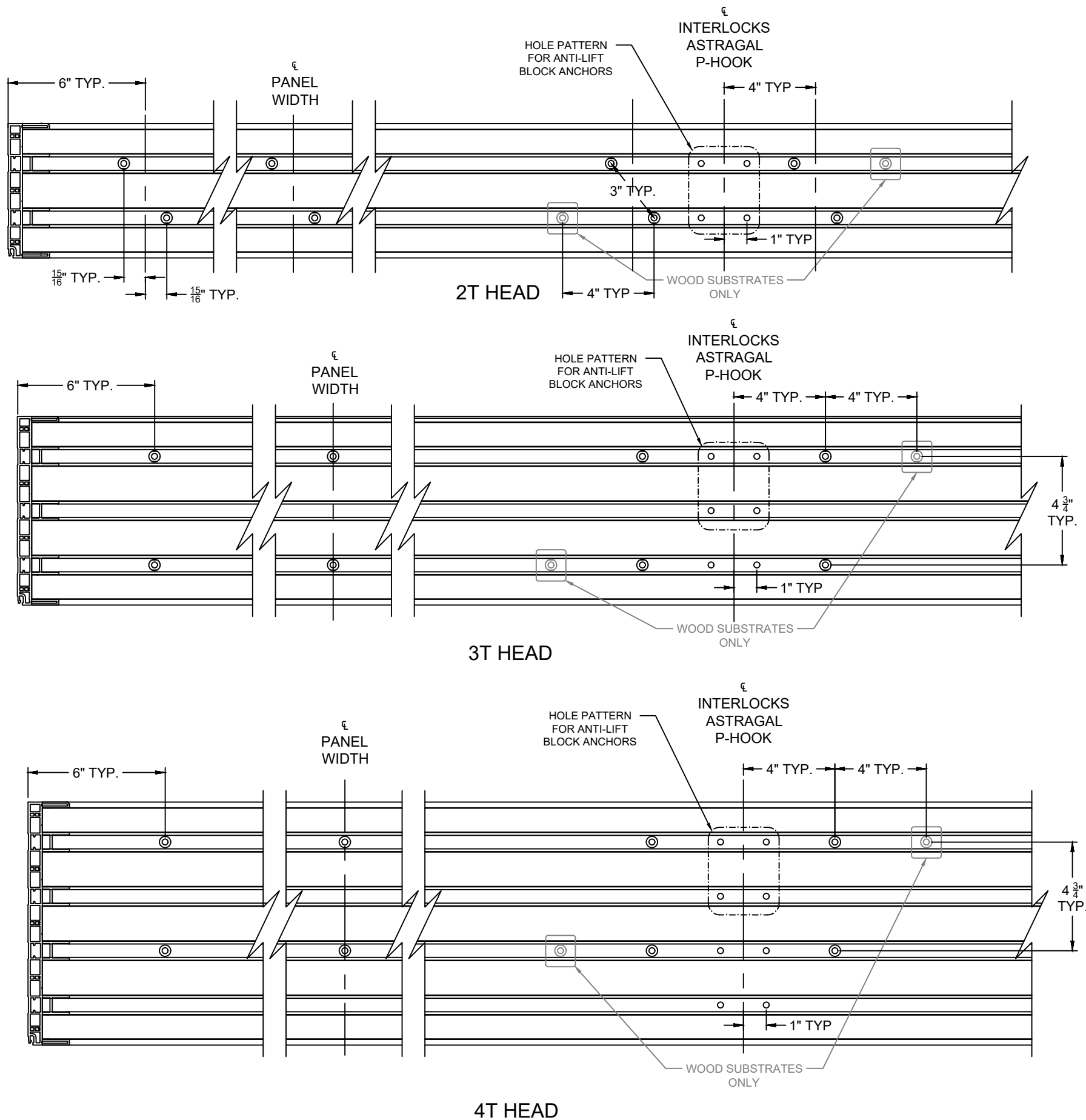
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SHEET DESCRIPTION:

ANCHOR PATTERNS
(JAMB & SILL)

DRAWN BY:	DATE:
BLZ	05/17/16
DWG #:	REV.:
CWS-1152	B
SCALE:	SHEET
1:5	8 OF 11

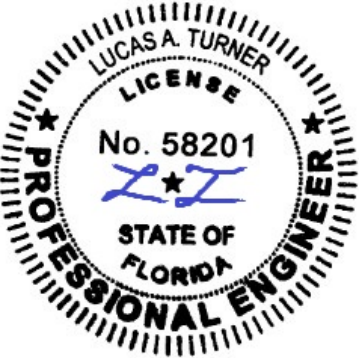


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NOTE: $\varnothing$ = CENTERLINE OF INTERLOCK OR ASTRAGAL

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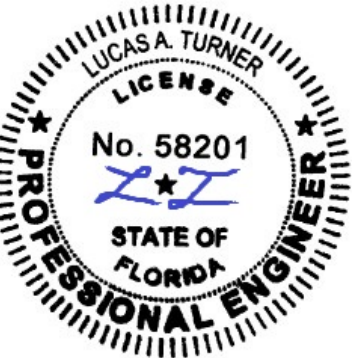
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SHEET DESCRIPTION:
ANCHOR PATTERNS
(HEAD)

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1:5	9 OF 11

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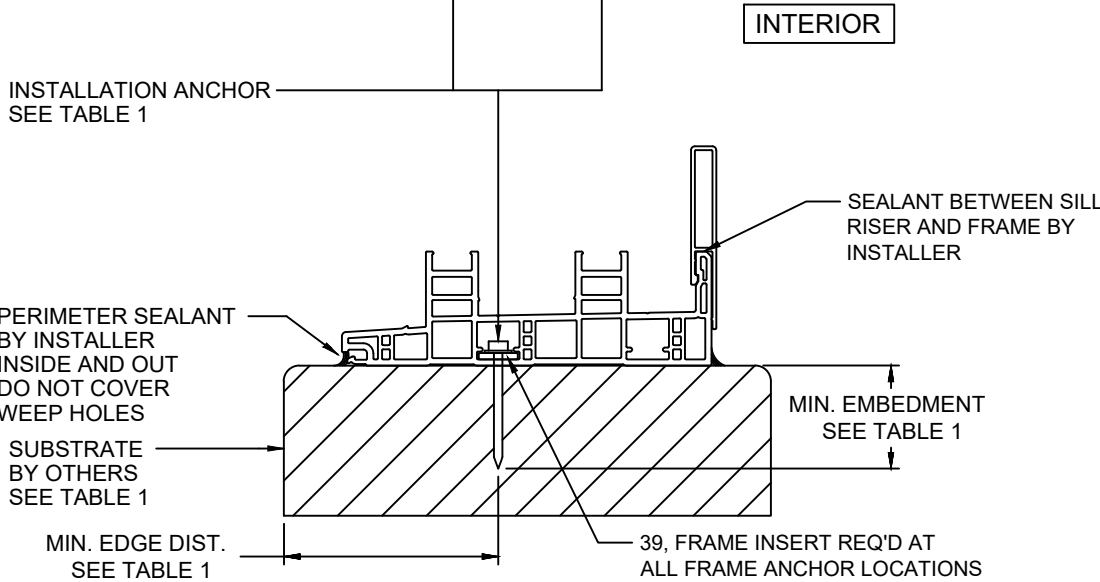
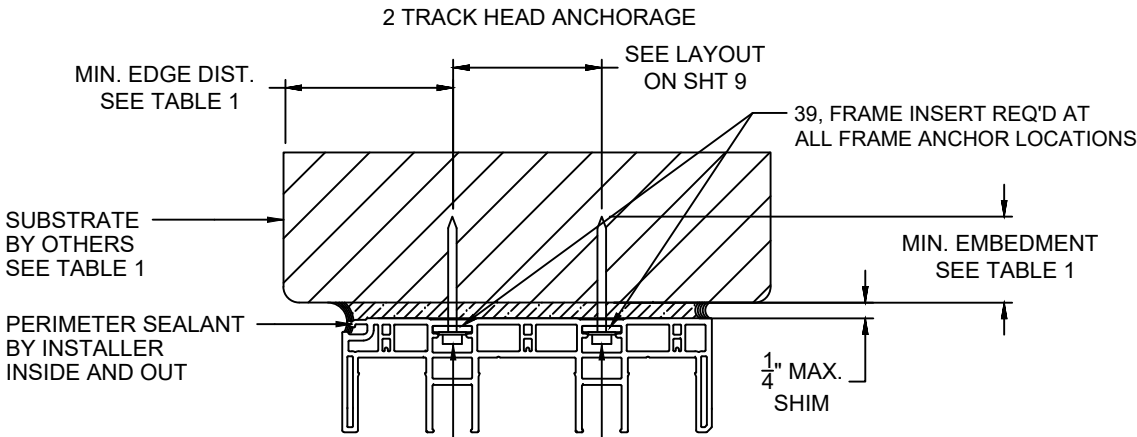
SHEET DESCRIPTION:

INSTALLATION DETAILS
2 TRACK

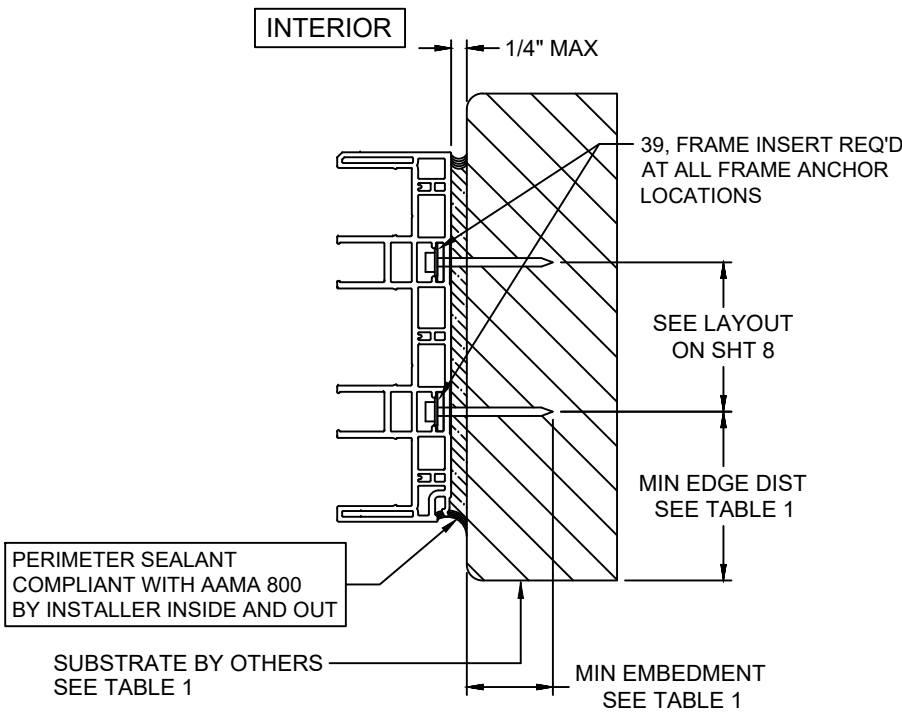
DRAWN BY: BLZ
DATE: 05/17/16

DWG #: CWS-1152
REV.: B

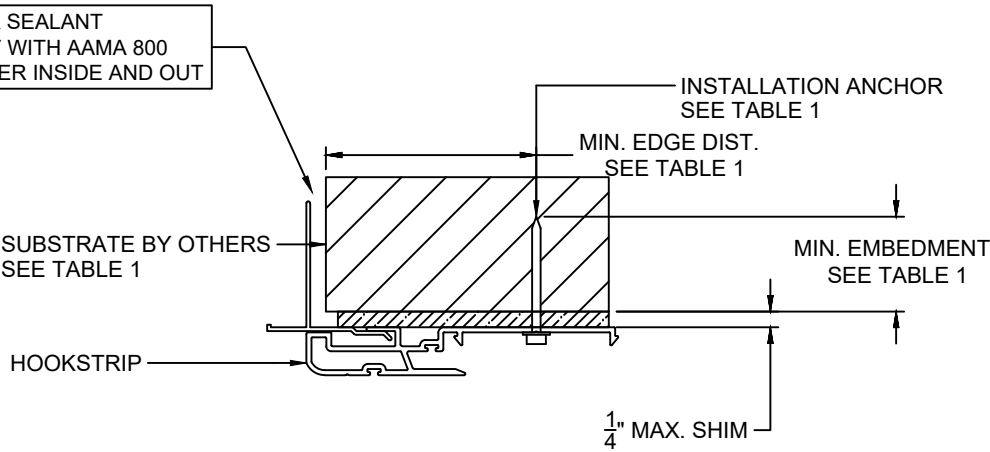
SCALE: 1:3
SHEET 10 OF 11



A VERTICAL SECTION
9 2 TRACK SILL ANCHORAGE



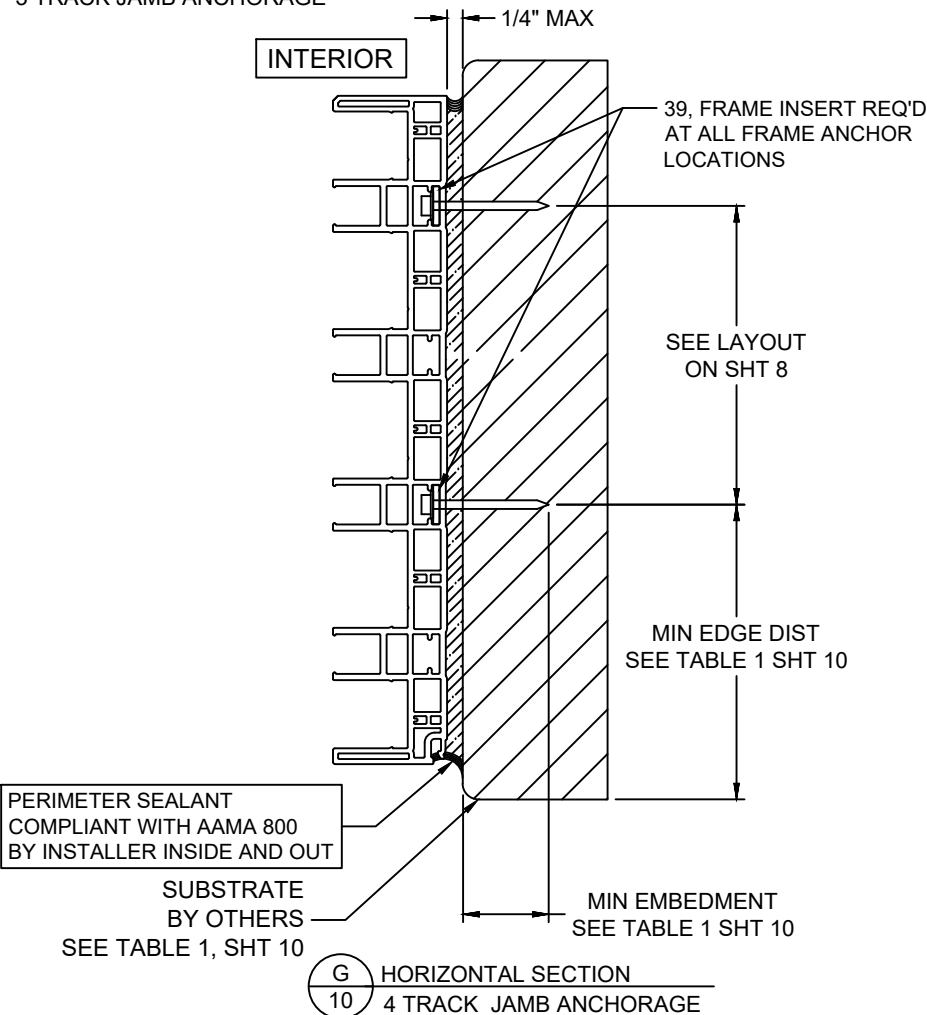
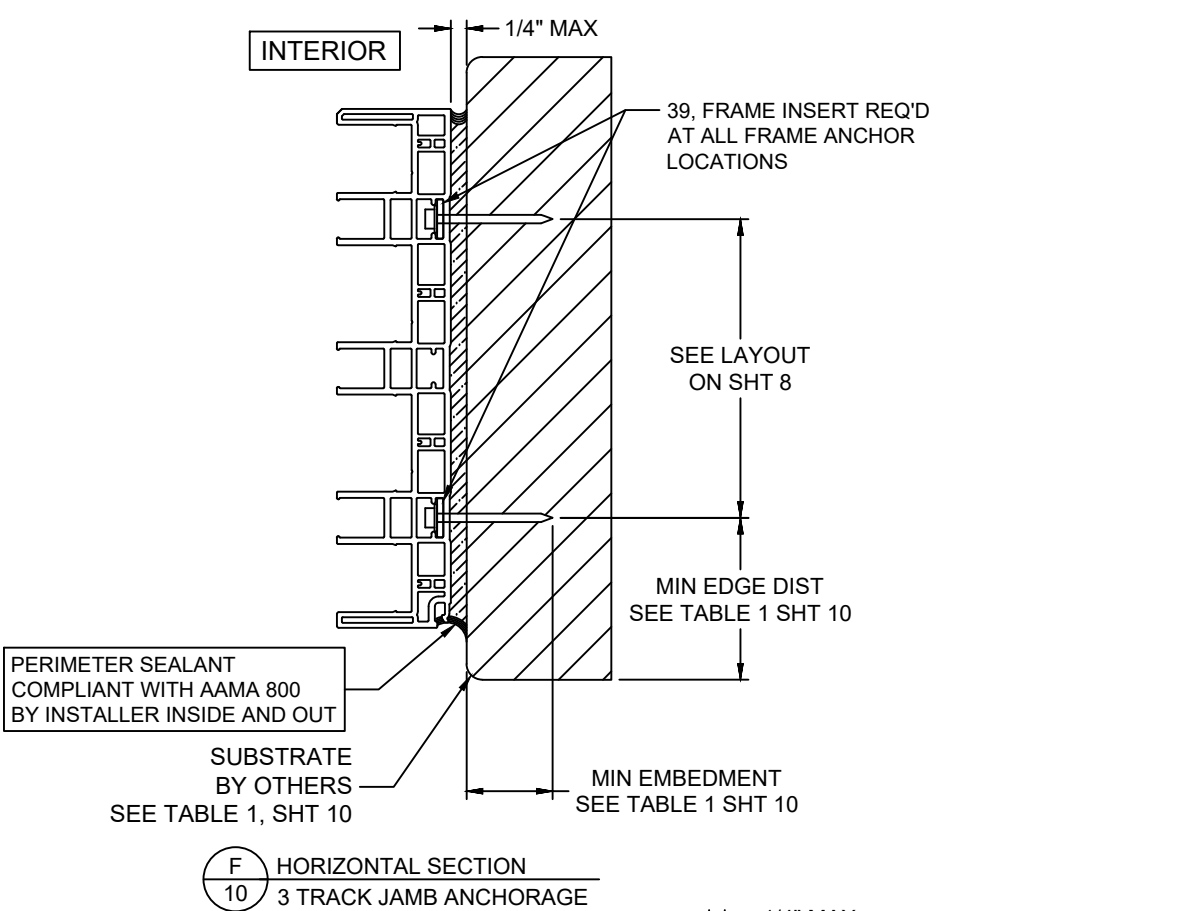
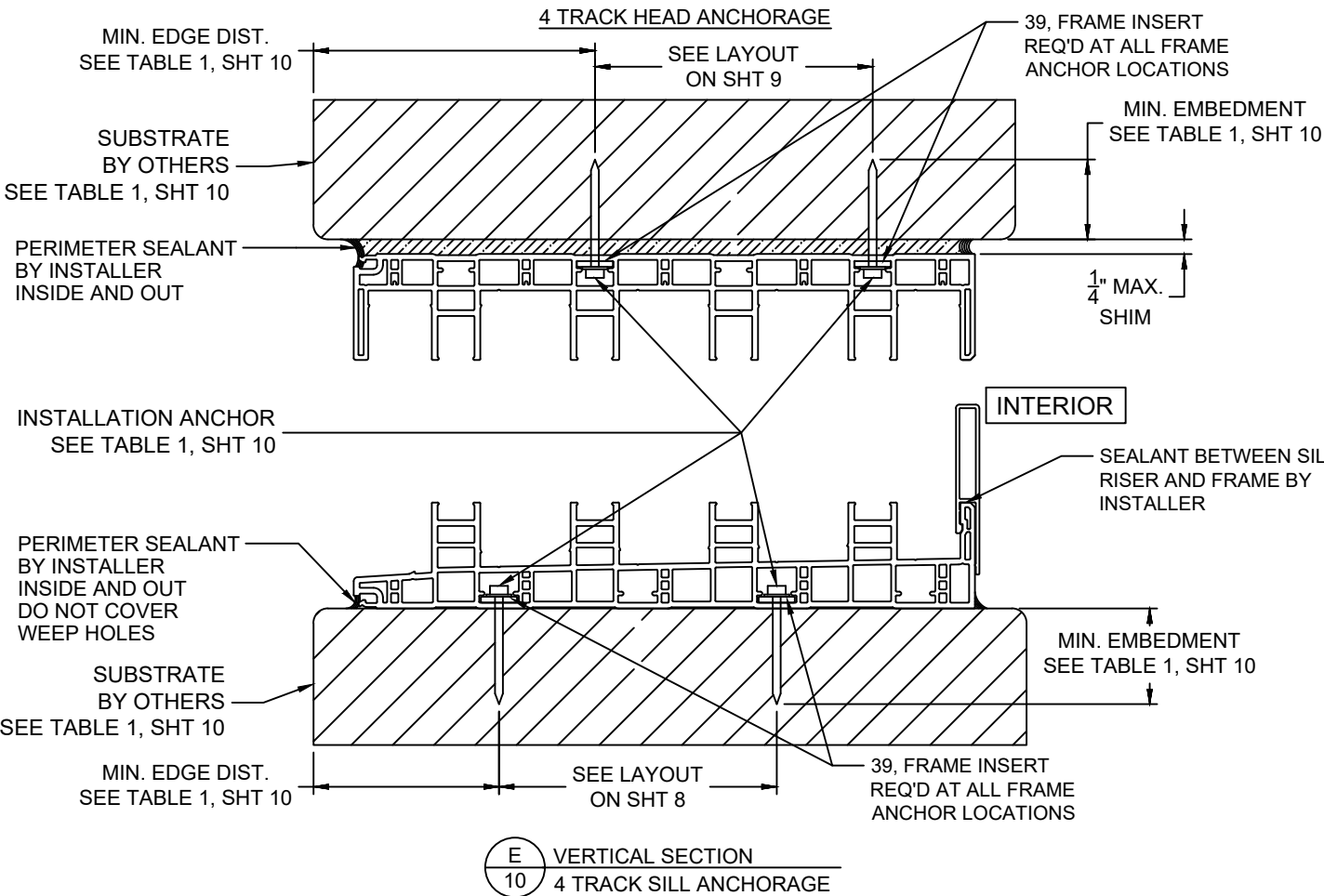
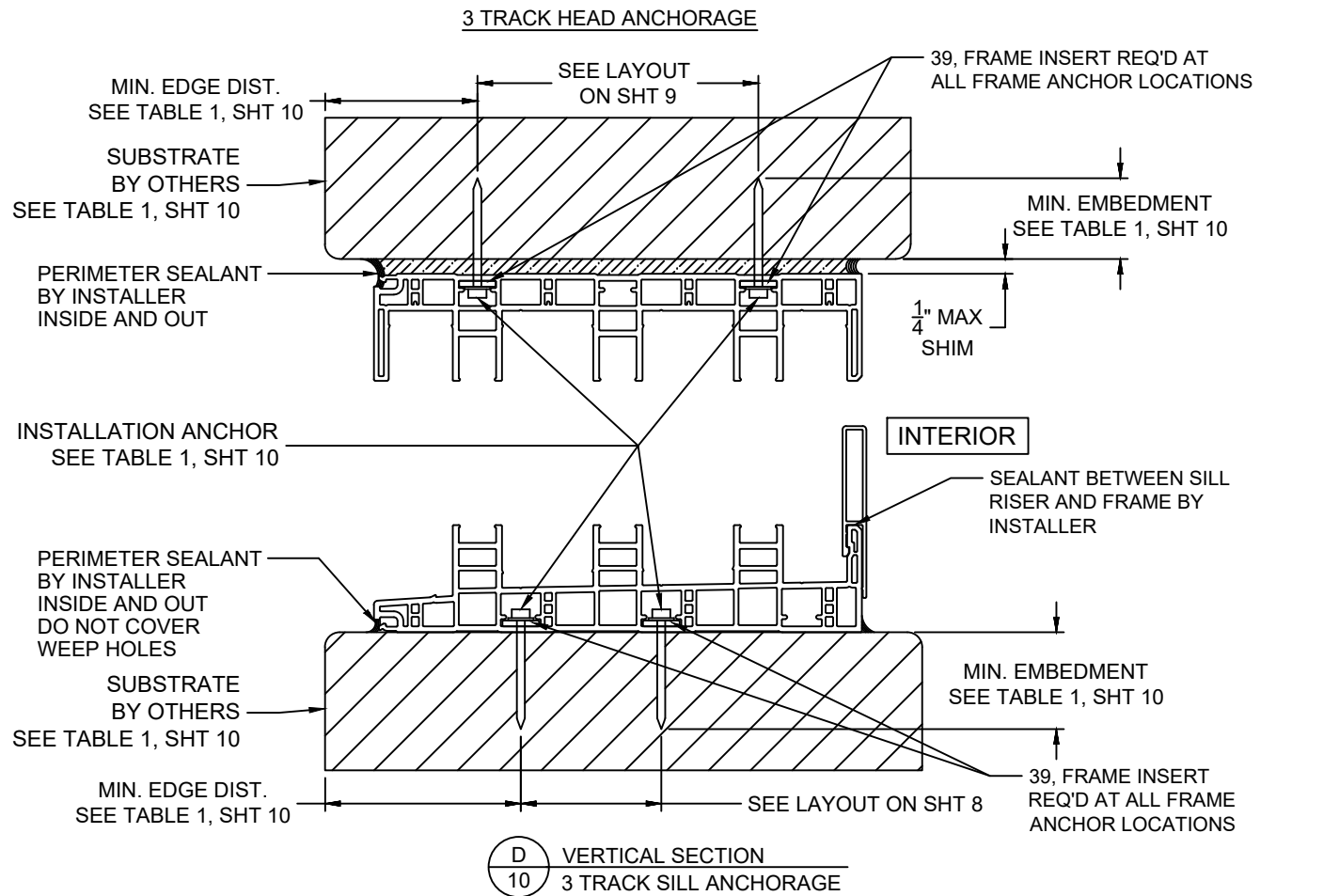
B HORIZONTAL SECTION
9 2 TRACK JAMB ANCHORAGE



C HORIZONTAL SECTION
9 HOOK STRIP

TABLE 1: APPROVED INSTALLATION FASTENERS

SUBSTRATE TYPE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DIST.
CONCRETE (2.0 KSI MIN.)	1/4" ITW TAPCON	1-1/2"	4"
CONCRETE (2.85 KSI MIN.)	1/4" ELCO ULTRACON	1-3/4"	2-1/2"
2X MIN. SOUTHERN PINE (G=0.55)	1/4" ITW TAPCON OR ELCO ULTRACON	1-3/8"	7/8"
2X MIN. SOUTHERN PINE (G=0.55)	#12 WOOD SCREW	1-3/8"	7/8"
16 GAUGE (0.060") MIN. STEEL STUD (33 KSI YIELD MIN)	#12-14 HILTI KWIK-FLEX OR ITW TEKS SELF-DRILLING SCREW	FULL THREAD THRU 0.060"	1/2"
1/8" ALUM. (6063-T5 MIN.) OR 1/8" STEEL (33 KSI MIN.)	#12 GRADE 5 SELF-TAPPING / DRILLING SCREW	FULL THREAD THRU 0.125"	1/2"
HOOKSTRIP OR JAMB FRAME ONLY: HOLLOW OR GROUT-FILLED CMU (ASTM C-90)	1/4" ELCO ULTRACON	1-3/4"	2-1/2"



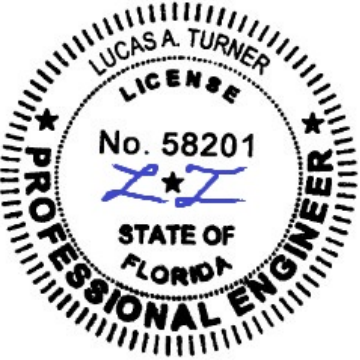
Custom
WINDOW SYSTEMS

1900 SW 44TH AVE.
OCALA, FLORIDA 34474
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**8800 PVC
SLIDING GLASS
DOOR - IMPACT**

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8/6/2020

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2428 Old Natchez Trc Trl
Camden, TN 38320
PH. 941-380-1574

SHEET DESCRIPTION:
**INSTALLATION DETAILS
3 & 4 TRACK**

DRAWN BY:	DATE:
BLZ	05/17/16
DWG #:	REV.:
CWS-1152	B
SCALE:	SHEET
1:3	11 OF 11