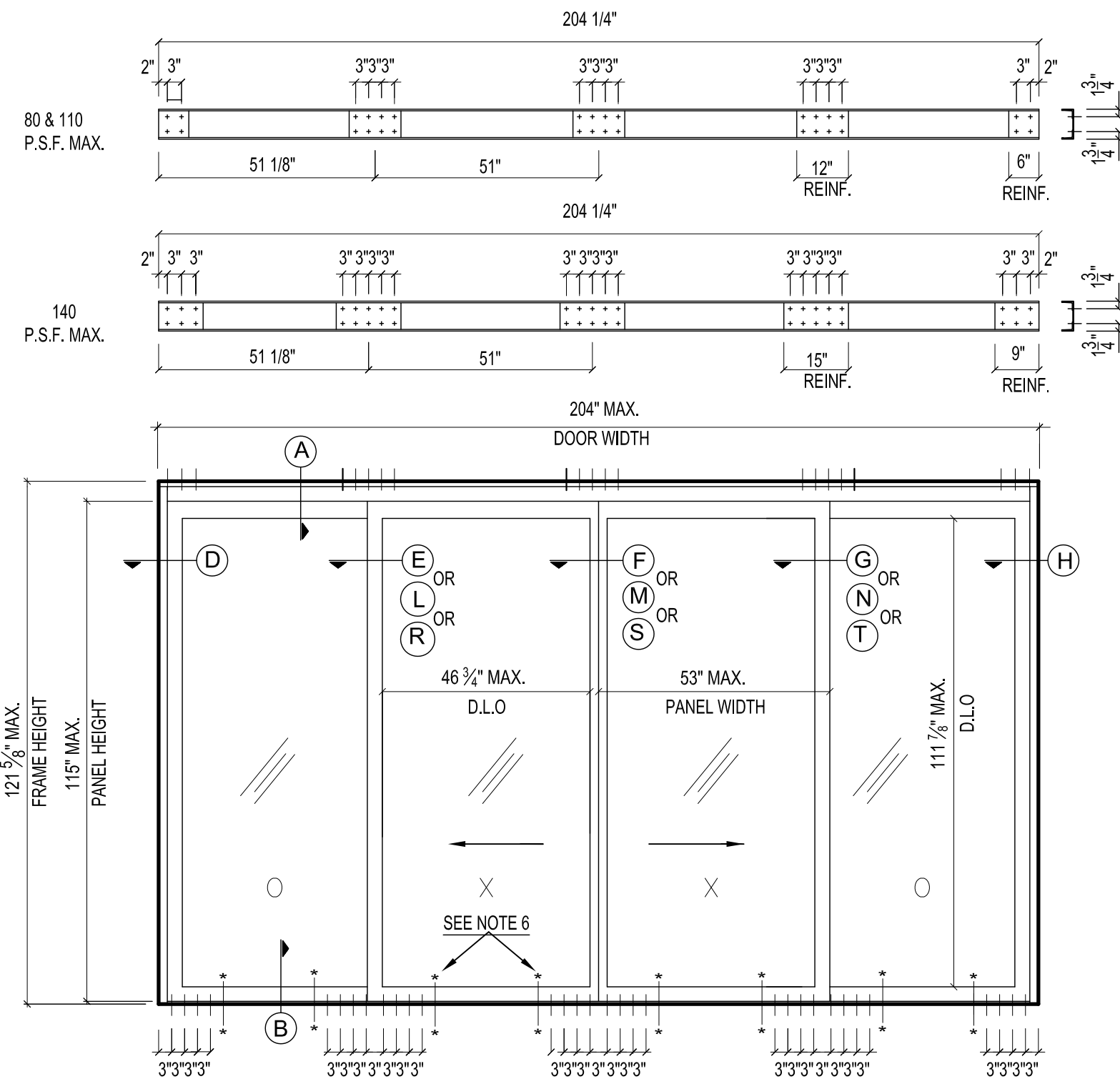


HEAD RECEPTOR



FRAME HEIGHT	DESIGN LOAD		CAPACITY (P.S.F.)	
	POSITIVE	NEGATIVE	SECTION	JAMB REINFORCING
121 5/8"	53	53	SHEET 5	NOT REQUIRED
121 5/8"	80	80	SHEET 5	YES, 3/8"x4" AL. BAR
121 5/8"	110	110	SHEET 6	YES, 1/4"x4" STEEL BAR
121 5/8"	140	140	SHEET 7	YES, 3/8"x4" STEEL BAR
108"	80	80	SHEET 5	NOT REQUIRED
108"	110	110	SHEET 6	YES, 3/8"x4" AL. BAR
108"	140	140	SHEET 7	YES, 1/4"x4" STEEL BAR

SERIES 2000 ALUMINUM SLIDING GLASS DOOR.

NOTES:

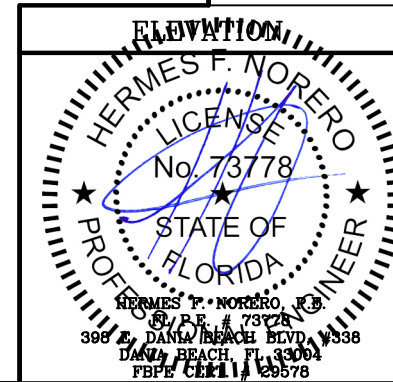
1. THIS SLIDING GLASS DOOR SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 5TH EDITION (2014) FLORIDA BUILDING CODE (FBC) CHAPTERS 16 AND 24, UNDER THE SPECIFIC CONDITION SHOWN ON THIS DRAWING. REF. FTL No. 4724 DATE 10th NOV. 2005
2. ALL EXTRUSIONS ARE ALUMINUM, 6005-T5 WITH A MINIMUM Fy OF 35.000 P.S.I. U.O.N.
3. SMALL MISSILE IMPACT: INSTALLATION UP TO 30 FT ABOVE GRADE WILL REQUIRE A HURRICANE PROTECTION SYSTEM. BUT FOR INSTALLATION ABOVE 30FT ABOVE GRADE WILL NOT REQUIRE A HURRICANE PROTECTION SYSTEM.
4. ALL ANCHORS ARE 5/16" ELCO ULTRACONS WITH 1 3/4" MIN. EMBEDMENT INTO 3515 PSI CONCRETE OR BETTER.
5. SHIMS. USE HARD PLASTIC.
6. ADD ANCHORS SHOWN AT SILL WHEN DESIGN LOAD IS 140 P.S.F.
7. APPROVED STRUCTURAL SILICONE:
  - A) 795 DOW CORNING
  - B) SCS 2000 BY GE
  - C) PROGLAZE SSG BY TREMCO
  - D) DOW CORNING CONTRACTORS WEATHERPROOFING SEALANT
8. APPROVED PERIMETER SILICONE SEALANT: 790 & 795 DOW CORNING

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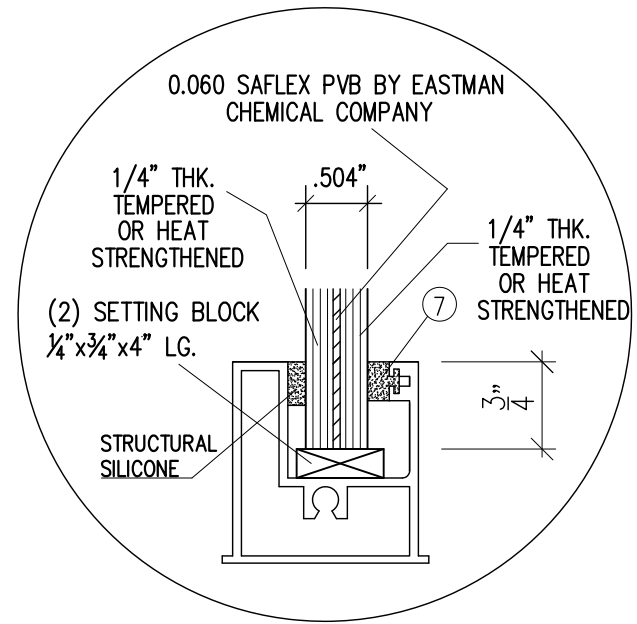
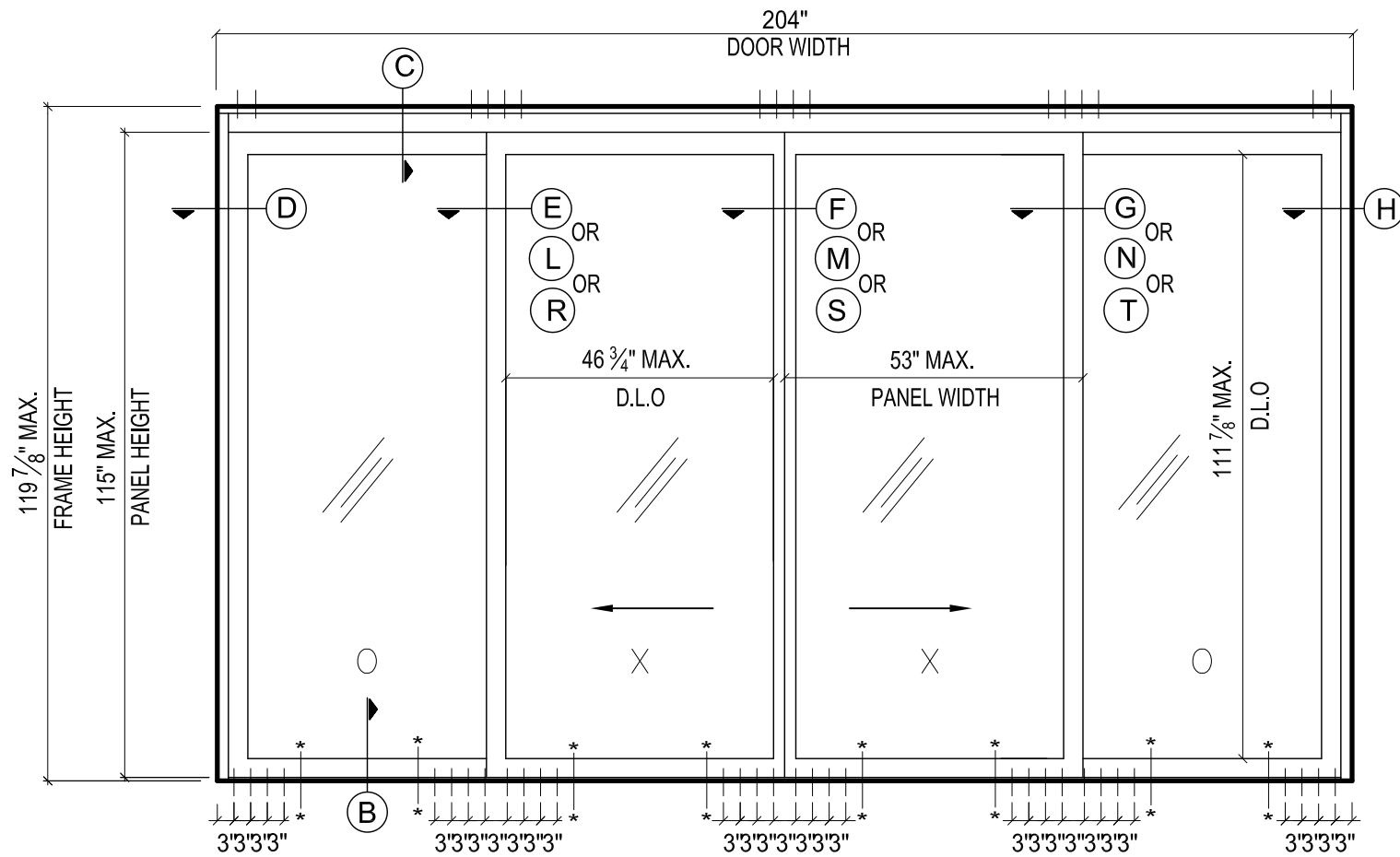
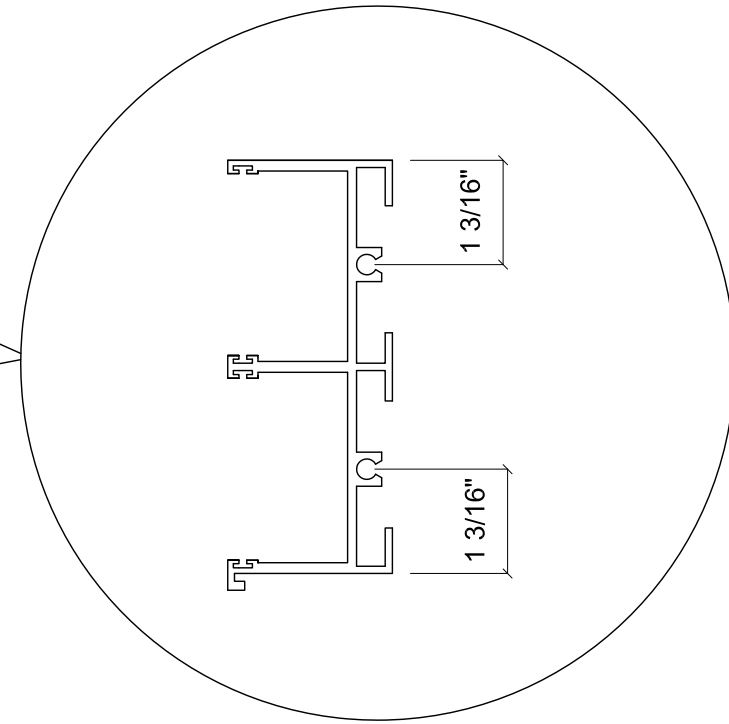
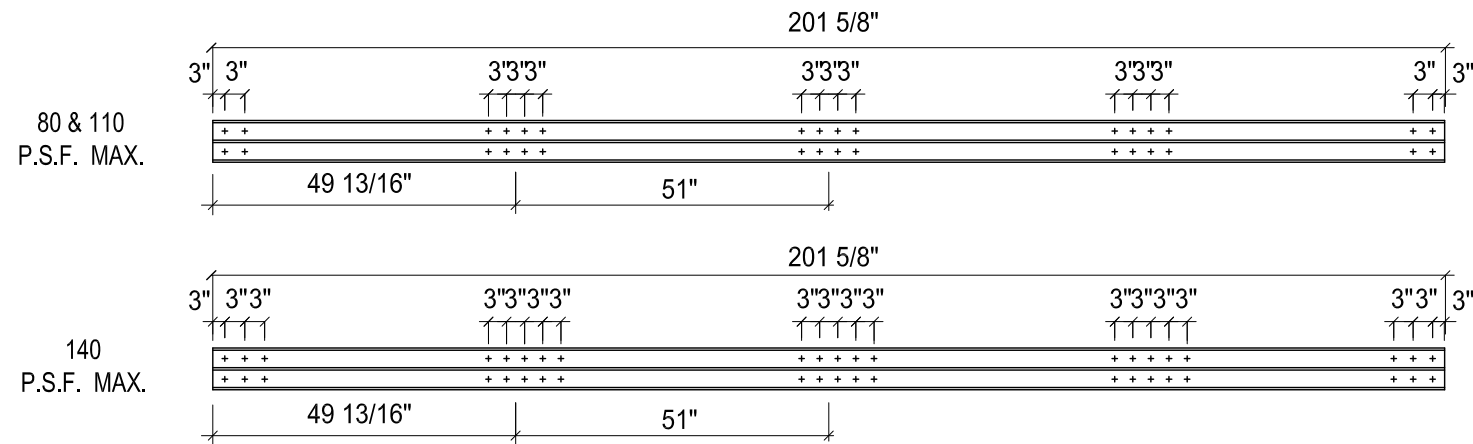
Series 2000  
 Sliding Glass Door  
 SMALL MISSILE

Revision		Description
No	Date	By
1	01-01-2011	R. F.
2	11-14-2012	M.E.P.
3	07-12-2016	S.I.M.

Date: 08.27.2013  
 Scale:  
 Design by: G. S.  
 Drawing by: RICHARD  
 Checked by: G. S.  
 Drawing No. S.G.D-2000-SM  
 Sheet 1 of 10



# HEAD STANDARD FRAME



**GLAZING  
DETAIL**

**DOORS ELEVATION / EXTERIOR VIEW**

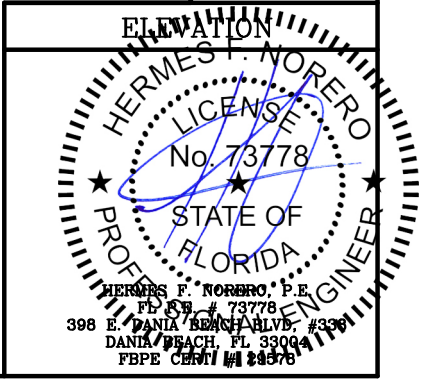
DESIGN LOAD CAPACITY (P.S.F.)				
FRAME HEIGHT	POSITIVE	NEGATIVE	SECTION	JAMB REINFORCING
119 7/8"	53	53	SHEET 5	NOT REQUIRED
119 7/8"	80	80	SHEET 5	YES, 3/8"x4" AL. BAR
119 7/8"	110	110	SHEET 6	YES, 1/4"x4" STEEL BAR
119 7/8"	140	140	SHEET 7	YES, 3/8"x4" STEEL BAR
108"	80	80	SHEET 5	NOT REQUIRED
108"	110	110	SHEET 6	YES, 3/8"x4" AL. BAR
108"	140	140	SHEET 7	YES, 1/4"x4" STEEL BAR

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325 West 74 Place  
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Series 2000  
Sliding Glass Door  
SMALL MISSILE

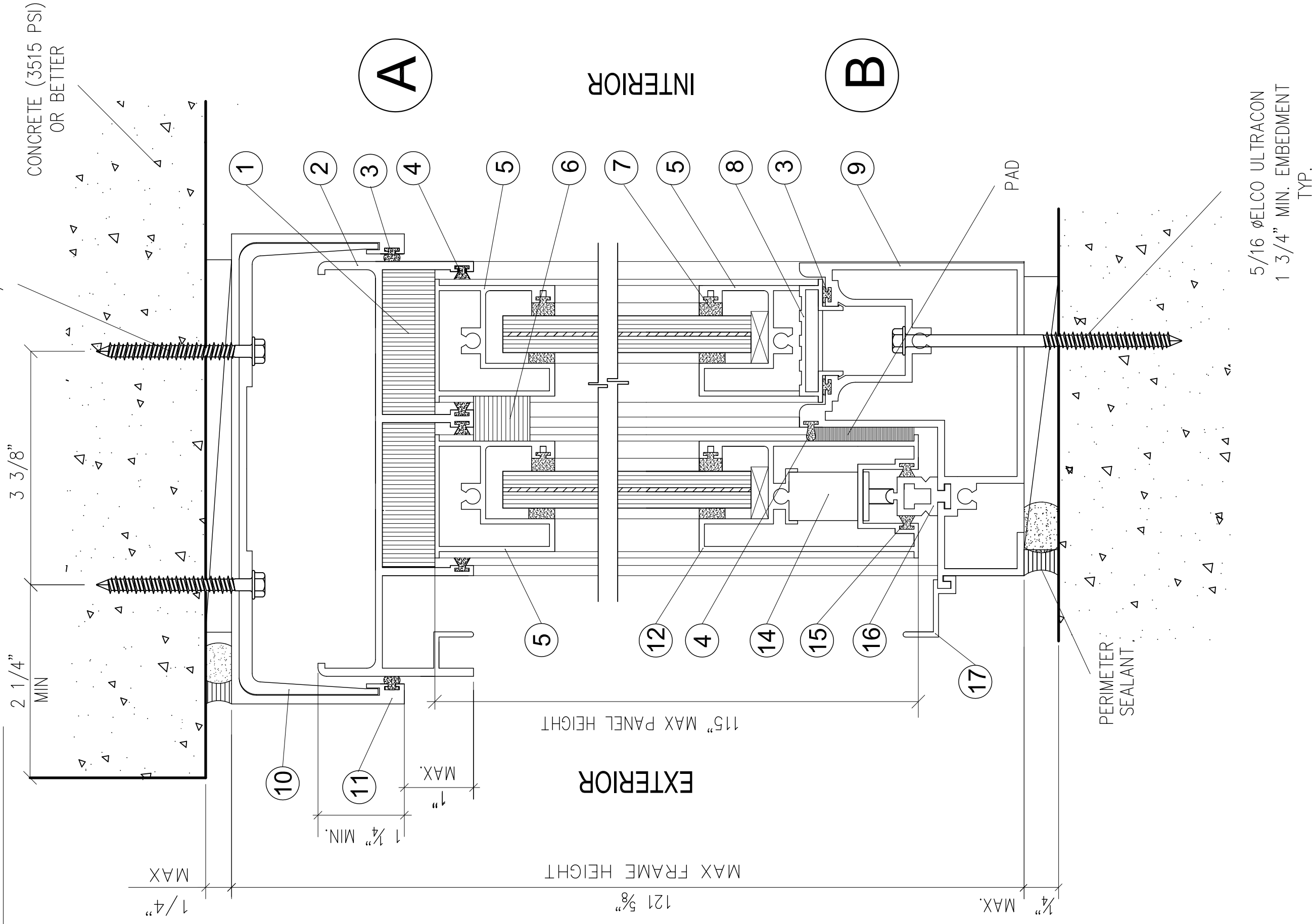
Revision		Date	By	Description
A	RENEWAL	01-01-2011	R. F.	
B	PRODUCT CONTROL	11-14-2012	M.E.P	
C	2014 CODE CHANGE	07-12-2016	S.I.M.	

Date: 08.27.2013  
Scale:  
Design by: G. S.  
Drawing by: RICHARD  
Checked by: G. S.  
Drawing No.: S.G.D-2000-SM  
Sheet 2 of 10

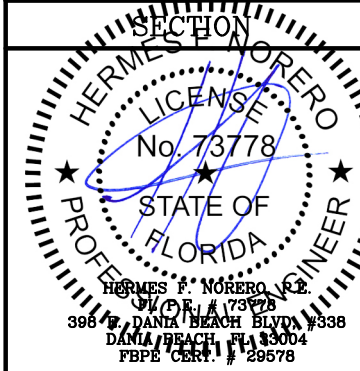


# HEAD RECEPTOR

5/16 ØELCO ULTRACONS  
1 3/4" MIN. EMBEDMENT TYP.



5/16 ØELCO ULTRACON  
1 3/4" MIN. EMBEDMENT  
TYP.



Revision			
No	Date	By	Description
1	01-01-2011	R. P.	RENEWAL
2	11-14-2012	M.E.P.	PRODUCT CONTROL
3	07-12-2016	S.I.M.	2014 CODE CHANGE

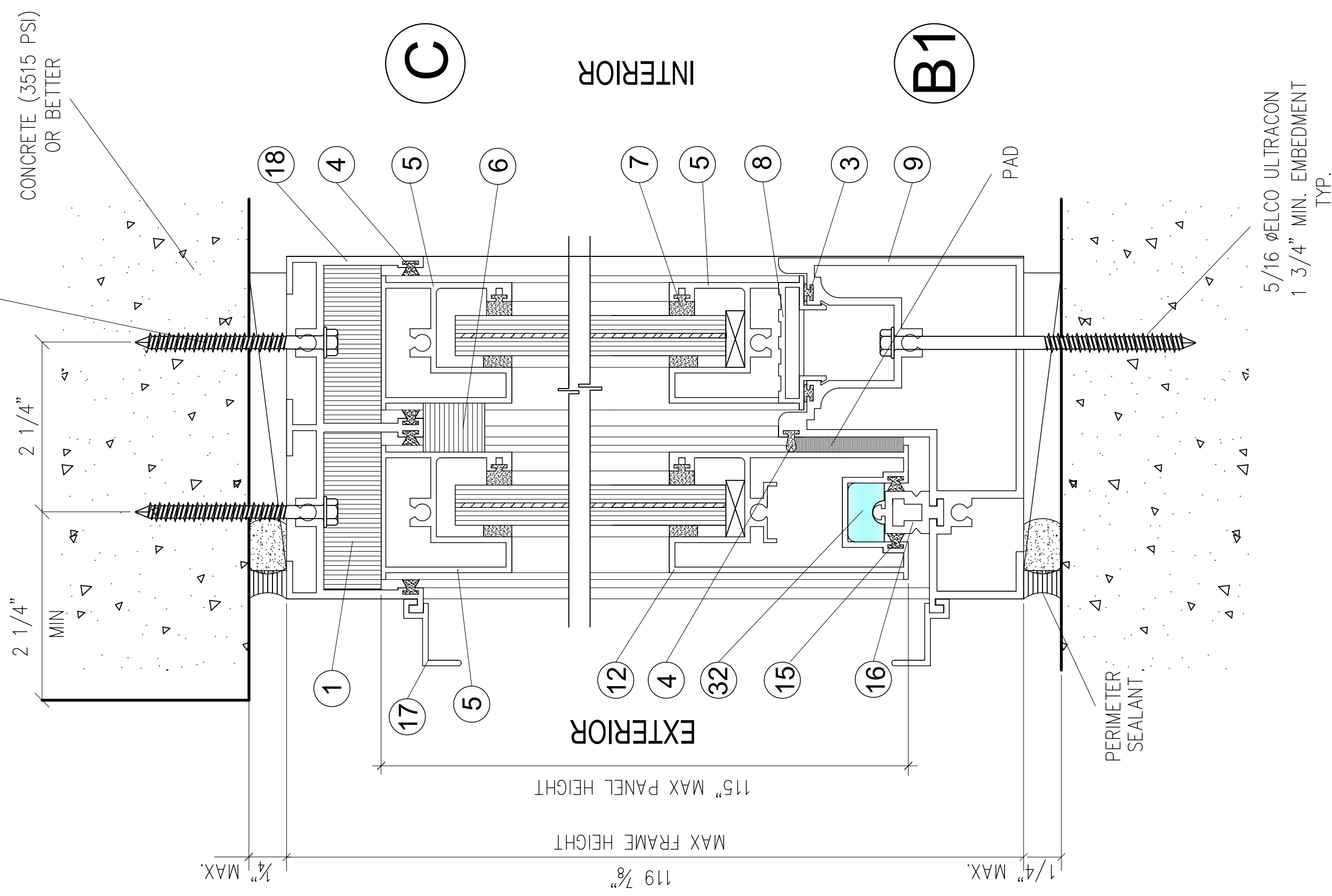
Date: 08.27.2013  
Scale:  
Design by: G. S.  
Drawing by: RICHARD  
Checked by: G. S.  
Drawing No.: S.G.D-2000-SM  
Sheet 3 of 10

Series 2000  
Sliding Glass Door  
SMALL MISSILE

Continental Glass Systems LLC.  
325 West 74 Place  
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# HEAD STANDARD FRAME

5/16  $\phi$  ELCO ULTRACONS  
1 3/4" MIN. EMBEDMENT TYP.

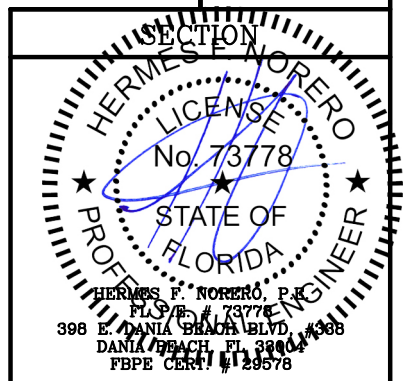


CONCRETE (3515 PSI)  
OR BETTER

5/16  $\phi$  ELCO ULTRACON  
1 3/4" MIN. EMBEDMENT  
TYP.

PERIMETER  
SEALANT

PAD

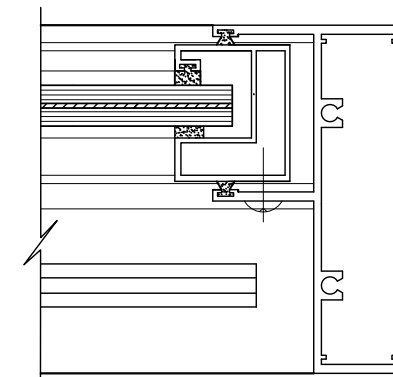
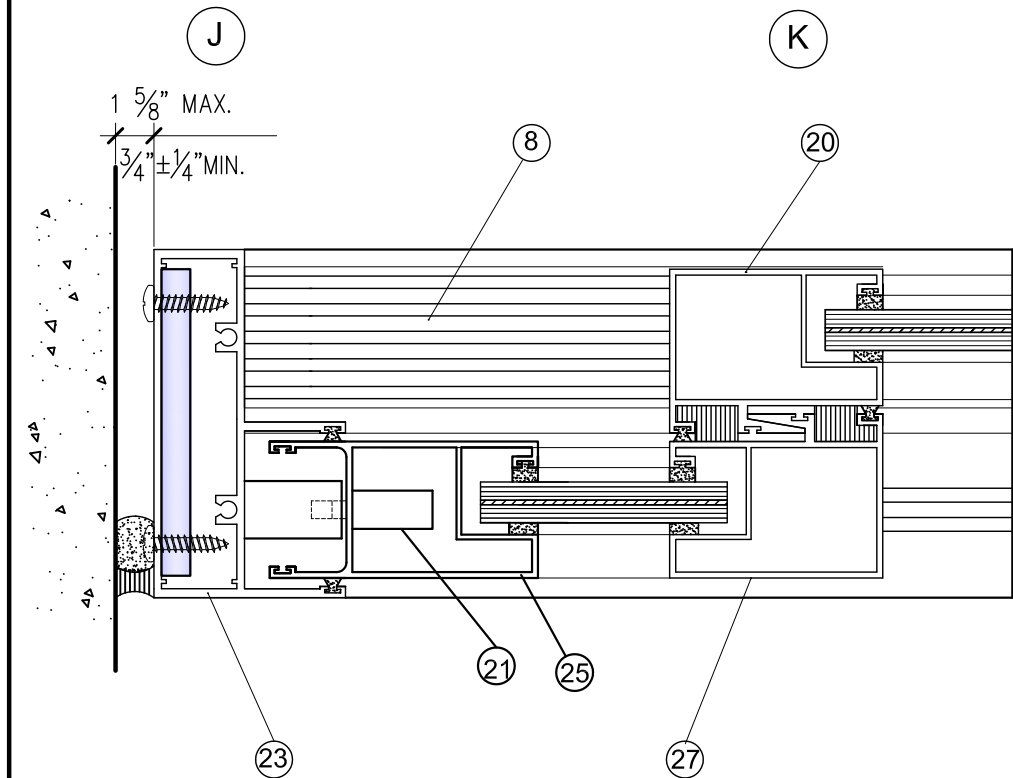
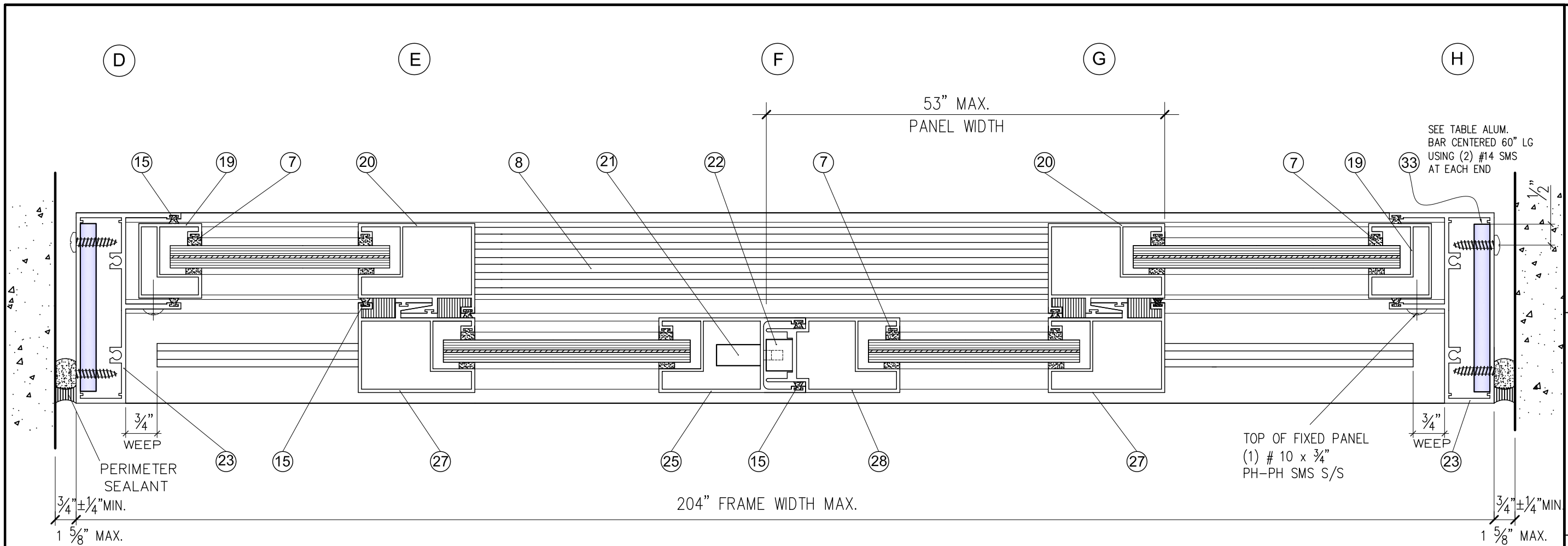


Revision				
No	Date	By	Description	
A	01-01-2011	R. P.	RENEWAL	
A	11-14-2012	M.E.P	PRODUCT CONTROL	
A	07-12-2016	S.L.M	2014 CODE CHANGE	

Date: 06.27.2013  
Scale:  
Design by: G. S.  
Drawing by: RICHARD  
Checked by: G. S.  
Drawing No.: S.G.D-2000-SM  
Sheet 4 of 10

Series 2000  
Sliding Glass Door  
SMALL MISSILE

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JAMB DETAIL IF REINFORCING IS NOT REQUIRED

EXTERIOR

MAX DESIGN LOAD  
80 PSF POSITIVE  
80 PSF NEGATIVE

(SEE TABLES ON SHEETS 1&2 FOR ALLOWABLE LOADS DEPENDENT ON HEIGHT AND JAMB REINFORCING)

NOTES:

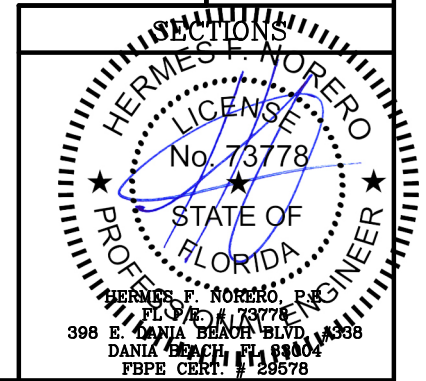
1. BACKER ROD DIAMETER EQUALS SEAL WIDTH x 120%
2. SEALANT DEPTH IS :  
1/2" FOR WIDTHS UP TO 1" AND  
5/8" FOR WIDTHS OVER 1"

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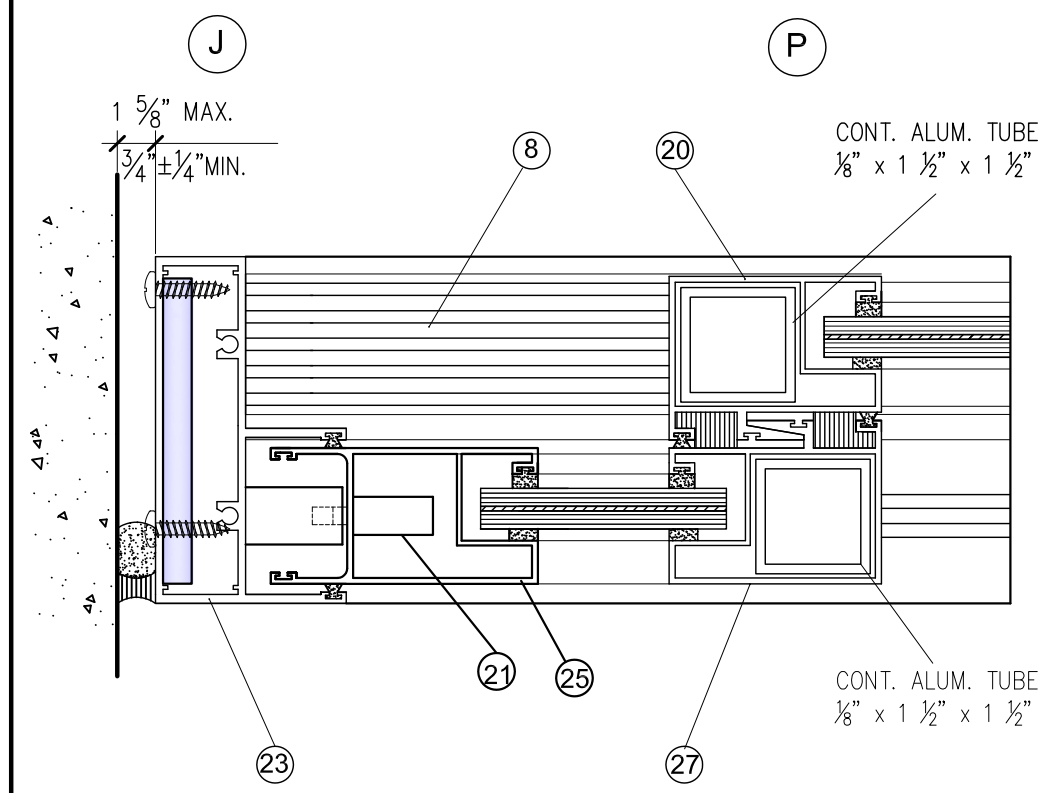
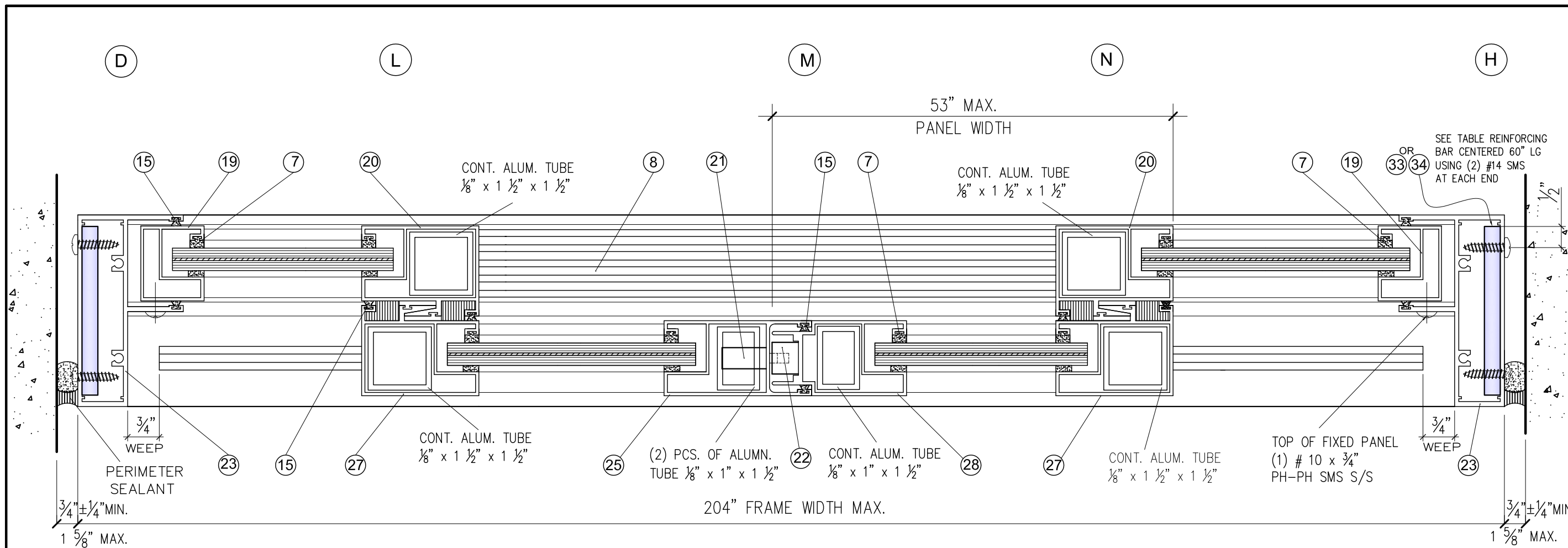
Series 2000  
Sliding Glass Door  
SMALL MISSILE

Revision			
No	Date	By	Description
A	01-01-2011	R. P.	RENEWAL
B	11-14-2012	M.E.P.	PRODUCT CONTROL
C	07-12-2016	S.I.M.	2014 CODE CHANGE

Date: 08.27.2013  
Scale:  
Design by: G. S.  
Drawing by: RICHARD  
Checked by: G. S.  
Drawing No.: S.G.D-2000-SM  
Sheet 5 of 10







EXTERIOR

MAX DESIGN LOAD  
 110 PSF POSITIVE  
 110 PSF NEGATIVE  
 (SEE TABLES ON SHEETS 1&2 FOR  
 ALLOWABLE LOADS DEPENDENT ON  
 HEIGHT AND JAMB REINFORCING)

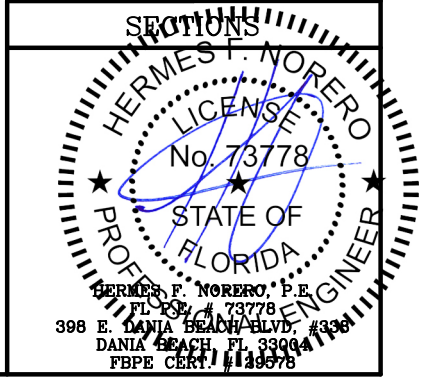
- NOTES:
1. BACKER ROD DIAMETER EQUALS SEAL WIDTH x 120%
  2. SEALANT WIDTH TO DEPTH RATIO SHALL BE 2:1 FOR WIDTHS UP TO 1" FOR WIDTHS OVER 1" USE 1/2" DEPTH.

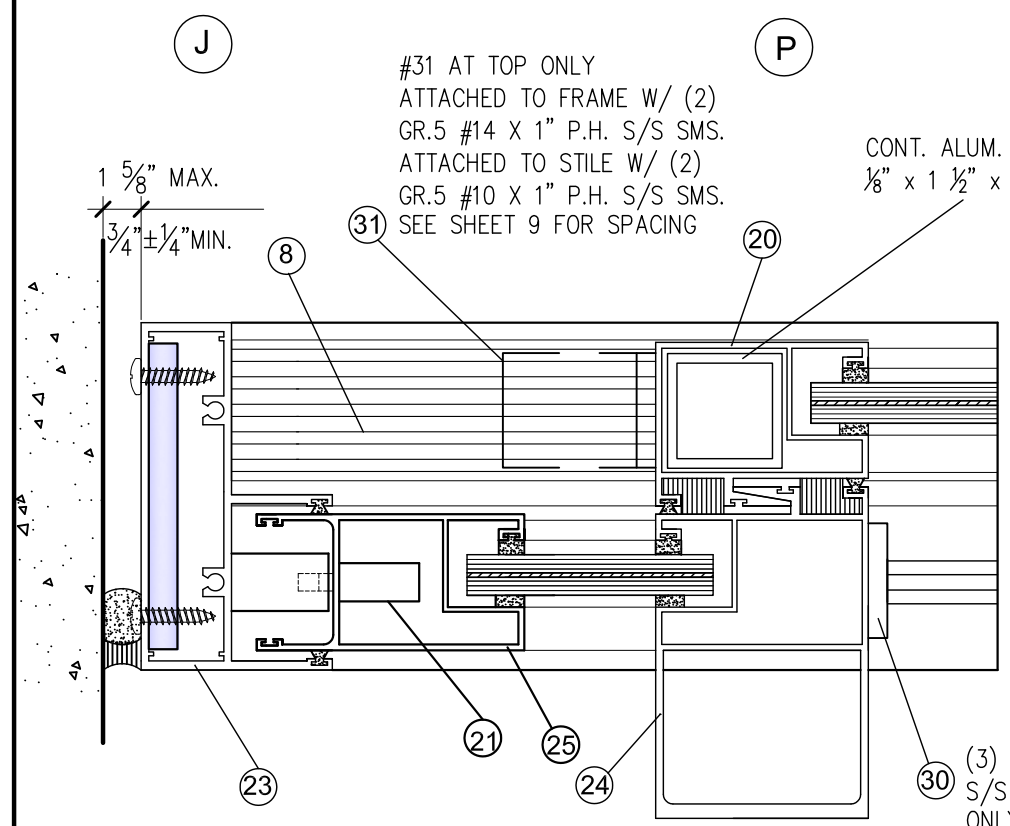
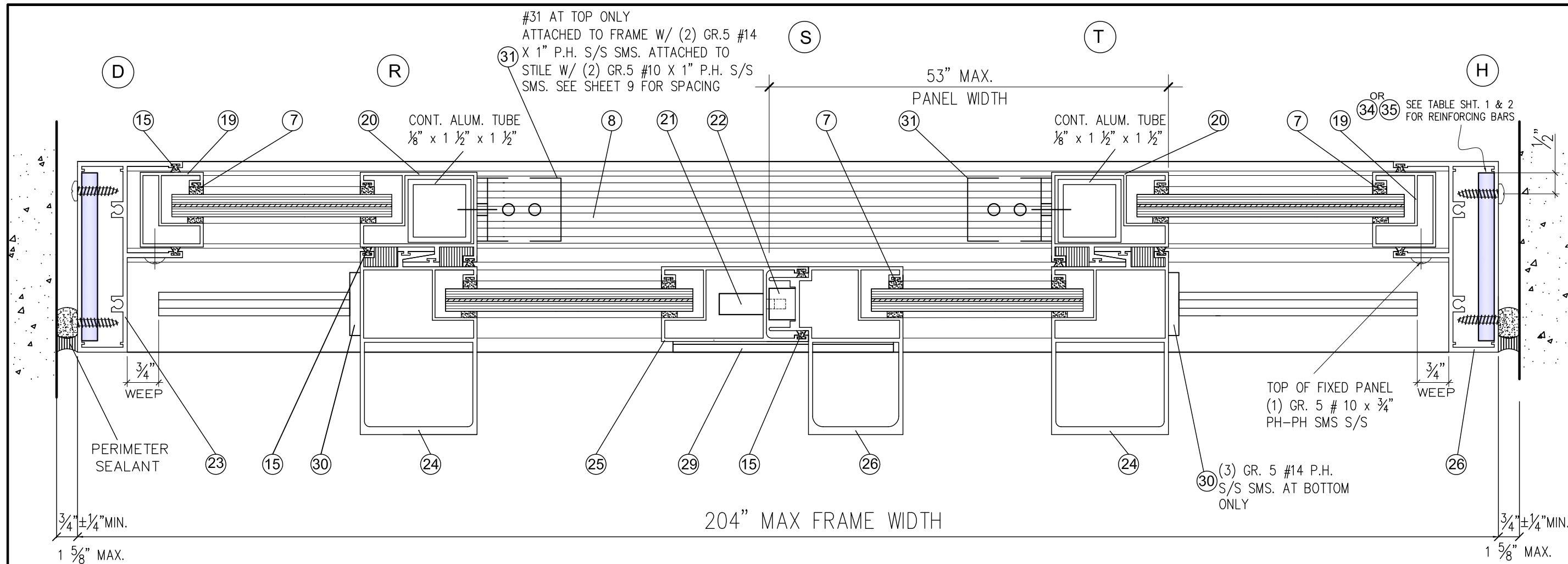
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Series 2000  
 Sliding Glass Door  
 SMALL MISSILE

Revision	
No	Description
A	RENEWAL
B	PRODUCT CONTROL
C	2014 CODE CHANGE

Date: 08.27.2013  
 Scale:  
 Design by: G. S.  
 Drawing by: RICHARD  
 Checked by: G. S.  
 Drawing No.: S.G.D-2000-SM  
 Sheet 6 of 10

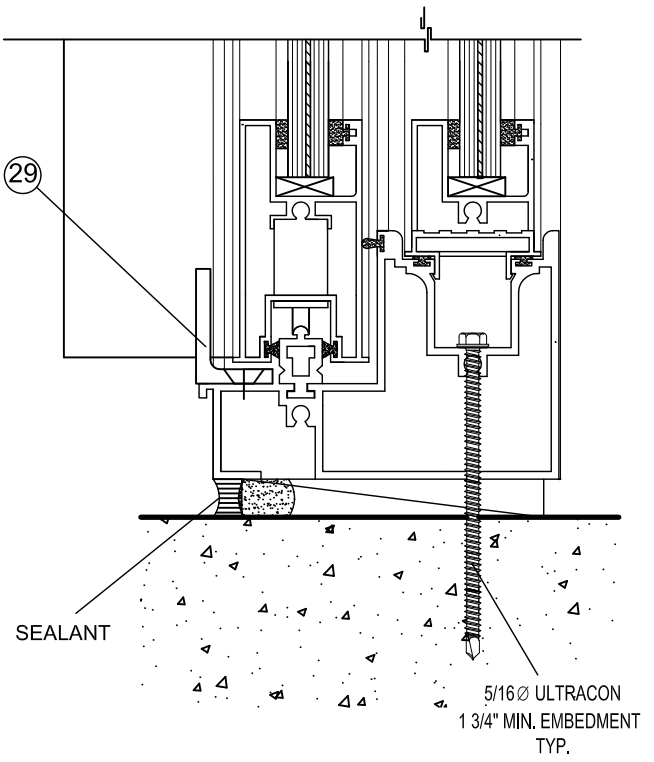




**EXTERIOR**

ALUM. ANGLE AT FRONT OF LOCKSTILE & ASTRAGAL ATTACHED WITH (2) GR.5 #14 X 1" FLAT HEAD S/S SMS. SEE SHEET 9 FOR SPACING AND EDGE DISTANCE

- NOTES:**
1. BACKER ROD DIAMETER EQUALS SEAL WIDTH x 120%
  2. SEALANT WIDTH TO DEPTH RATIO SHALL BE 2:1 FOR WIDTHS UP TO 1" FOR WIDTHS OVER 1" USE 1/2" DEPTH.



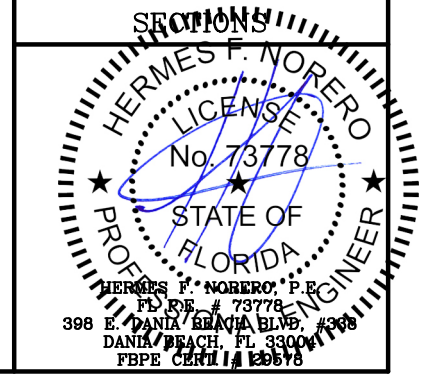
**MAX DESIGN LOAD**  
 140 PSF POSITIVE  
 140 PSF NEGATIVE  
 (SEE TABLE ON SHEET 1 FOR ALLOWABLE LOADS DEPENDENT ON HEIGHT AND JAMB REINFORCING)

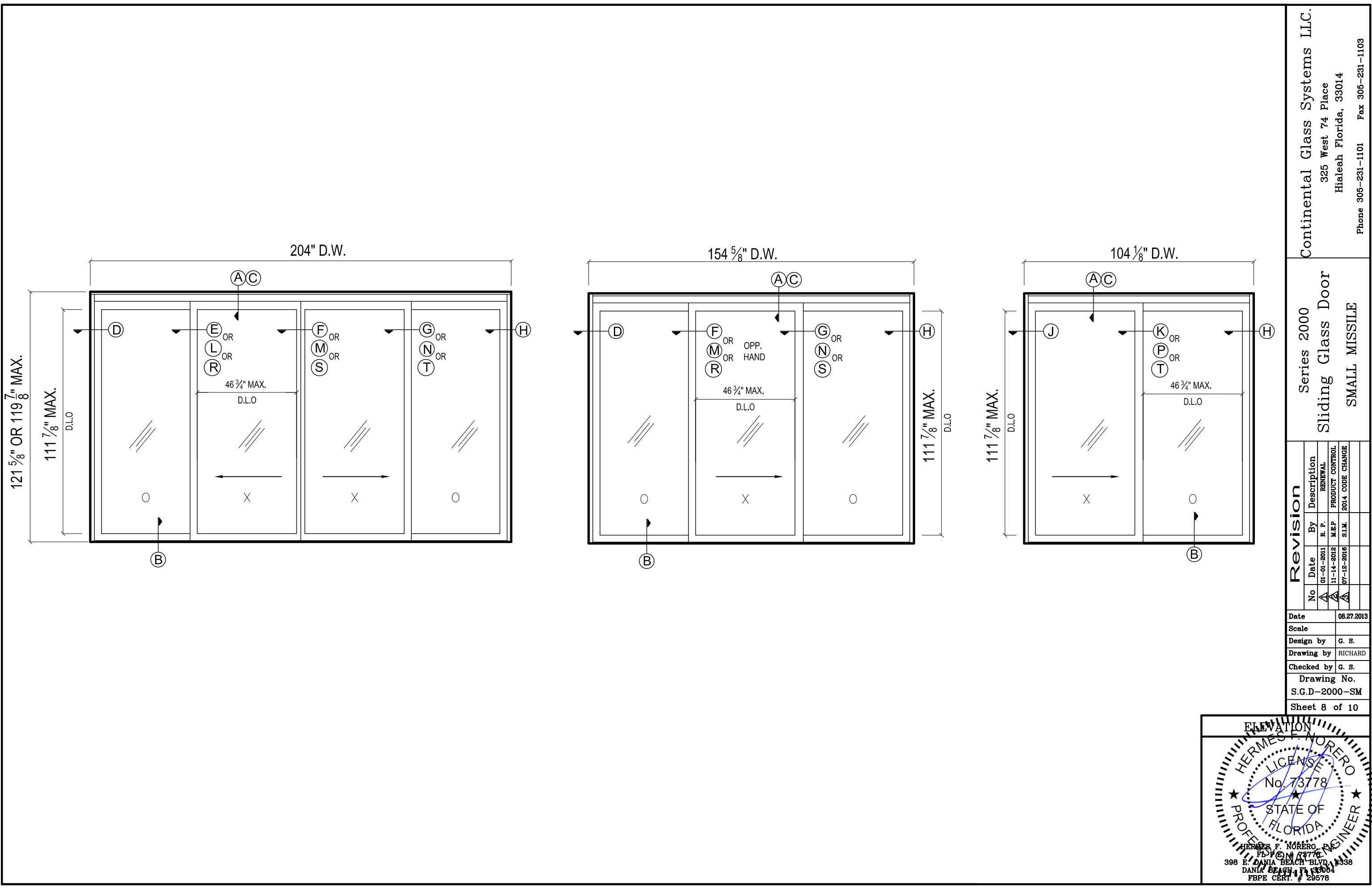
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Series 2000  
 Sliding Glass Door  
 SMALL MISSILE

Revision			
No	Date	By	Description
A	01-01-2011	R.P.	RENEWAL
B	11-14-2012	M.R.P.	PRODUCT CONTROL
C	07-12-2016	S.I.M.	2014 CODE CHANGE

Date 08.27.2013  
 Scale  
 Design by G. S.  
 Drawing by RICHARD  
 Checked by G. S.  
 Drawing No. S.G.D-2000-SM  
 Sheet 7 of 10



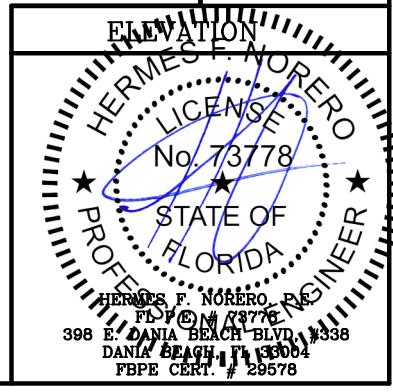


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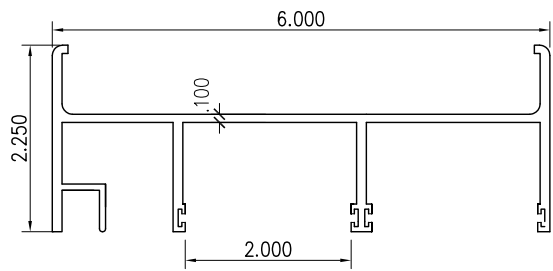
Series 2000  
 Sliding Glass Door  
 SMALL MISSILE

Revision				
No	Date	By	Description	
A	01-01-2011	R. P.	RENEWAL	
A	11-14-2012	M.E.P.	PRODUCT CONTROL	
A	07-12-2016	S.I.M.	2014 CODE CHANGE	

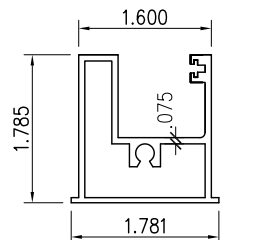
Date 08.27.2013  
 Scale  
 Design by G. S.  
 Drawing by RICHARD  
 Checked by G. S.  
 Drawing No.  
 S.G.D-2000-SM  
 Sheet 8 of 10



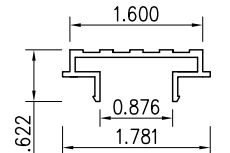




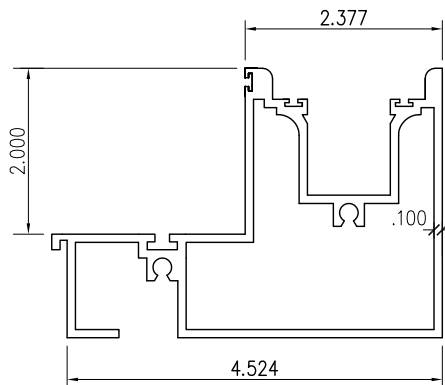
② HEAD RECEPTOR



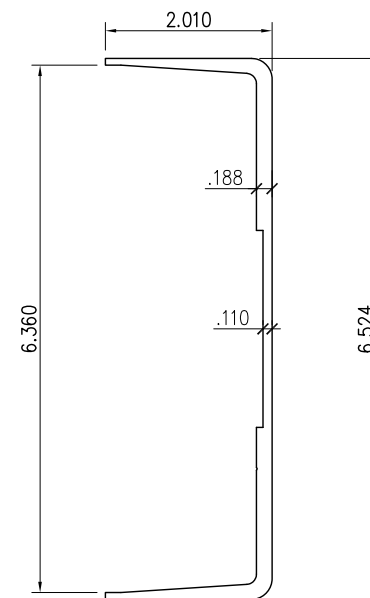
⑤ TOP AND BOTTOM PANEL STILE



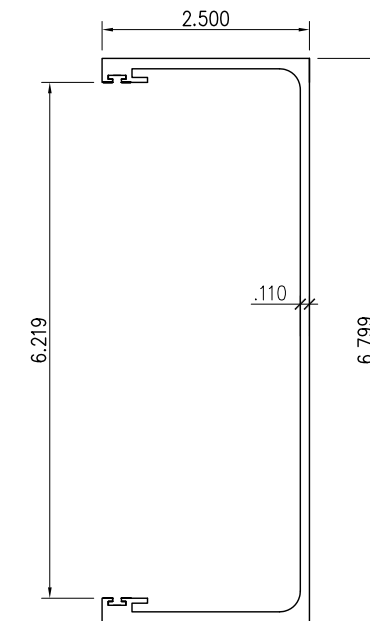
⑧ THRESHOLD



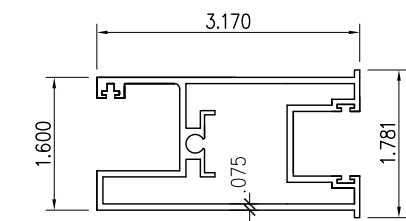
⑨ SILL



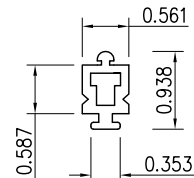
⑩ REINFORCING



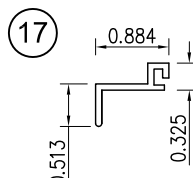
⑪ RECEPTOR



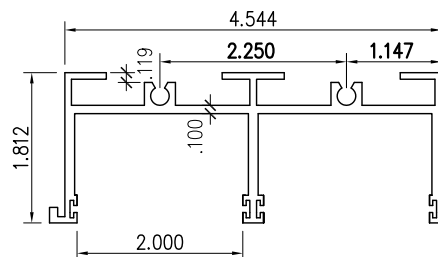
⑫ BOTTOM MOVING PANEL STILE



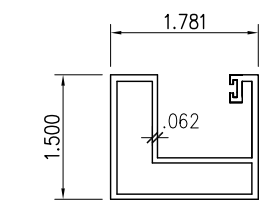
⑬ SILLTRACK



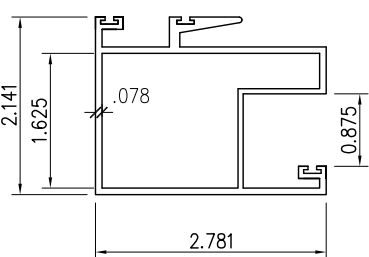
⑭ SCREEN TRACK



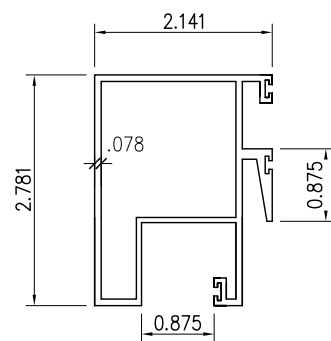
⑮ STANDARD HEAD



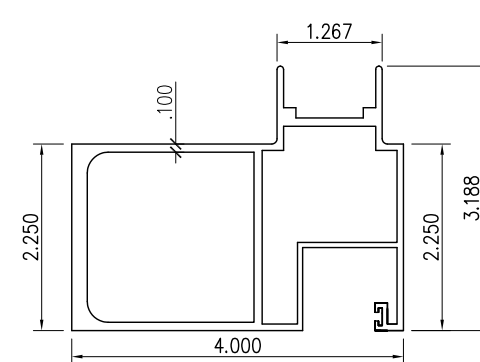
⑯ FIXED STILE



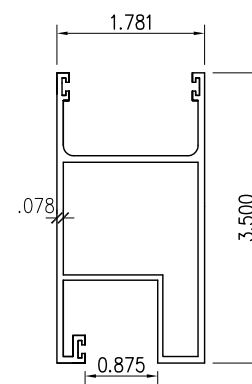
⑰ INTERLOCK



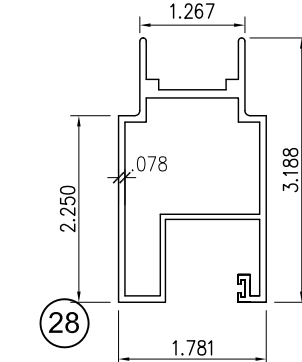
⑰ LEFT INTERLOCK



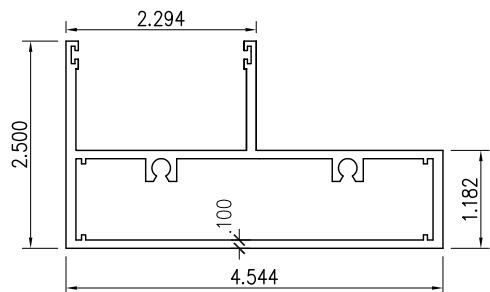
⑰ HEAVY ASTRAGAL



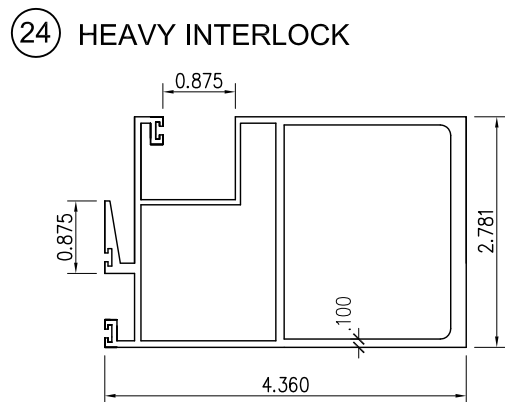
⑰ LOCK STILE



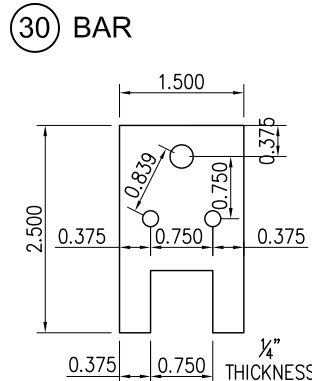
⑰ ASTRAGAL



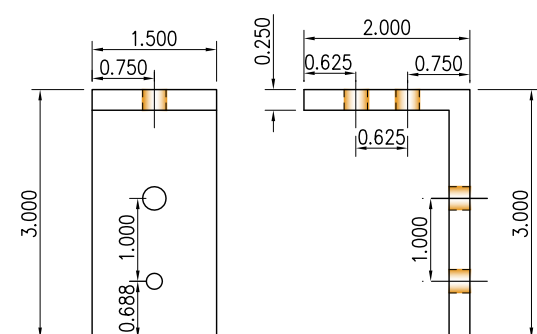
⑰ JAMB



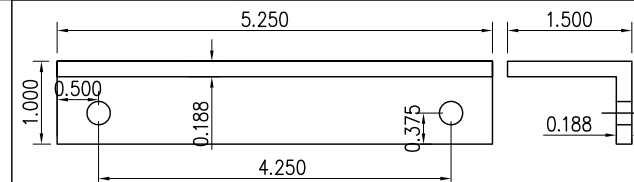
⑰ HEAVY INTERLOCK



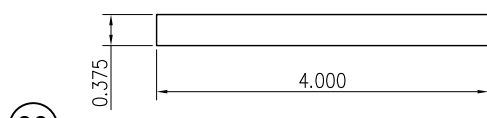
⑰ BAR



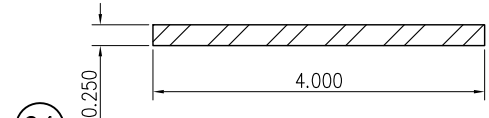
⑰ ANGLE



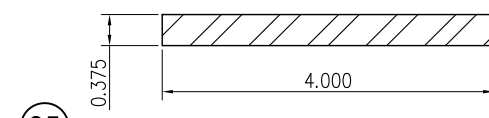
⑰ ANGLE



⑰ ALUM. BAR



⑰ STEEL BAR



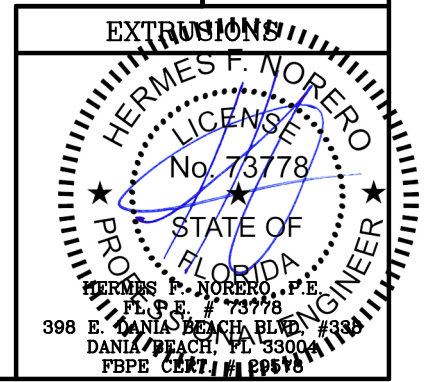
⑰ STEEL BAR

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325 West 74 Place  
Hialeah Florida, 33014  
Phone 305-231-1101 Fax 305-231-1103

Series 2000  
Sliding Glass Door  
SMALL MISSILE

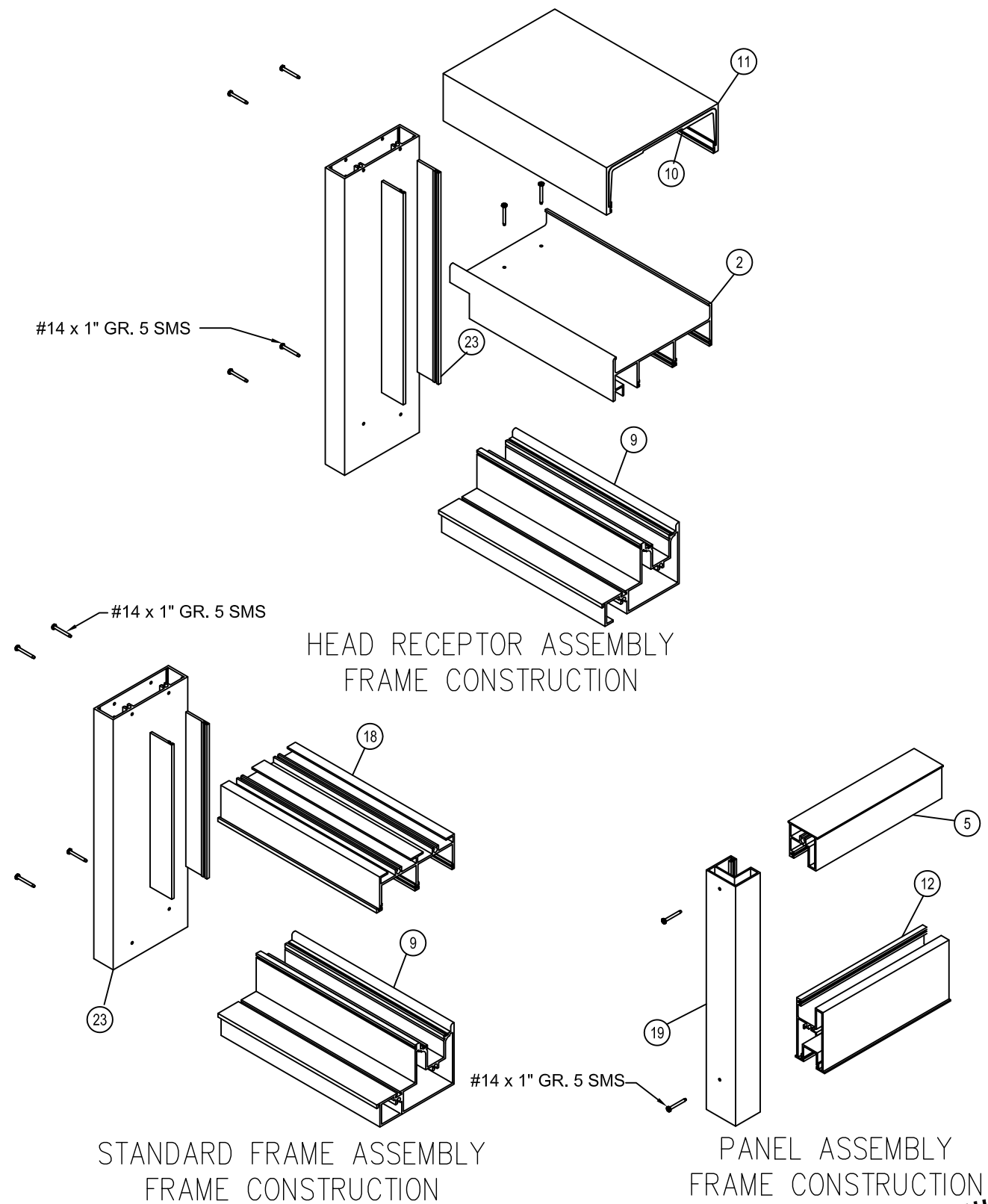
No	Date	By	Description
A	01-01-2011	R.P.	RENEWAL
A	11-14-2012	M.E.P.	PRODUCT CONTROL
A	07-15-2016	S.I.M.	2014 CODE CHANGE

Date	08.27.2013
Scale	
Design by	G. S.
Drawing by	RICHARD
Checked by	G. S.
Drawing No.	S.G.D-2000-SM
Sheet	9 of 10



SLIDING GLASS DOOR

ITEM NUMBER	PART NUMBER	PART NAME	REMARKS	ALLOY & TEMPERED
1	P 10009 AFK	HEAD PAD	ULTRAFAB	
2	2000 - 01	HEAD	FRAME	6005-T5
3	FP-448-V	VINYL BULB	PROTOTYPE PLASTIC EXTRUSION	
4		FIN-SEAL .370 x .187	ULTRAFAB	
5	2000-08	TOP & BOTTOM PANEL STILE	PANEL	6005-T5
6	P 7509 AFK	INTERLOCK PAD	ULTRAFAB	
7	CGS-01	GLASS SPACING	PROTOTYPE PLASTIC EXTRUSION	
8	2000-06	THRESHOLD		6005-T5
9	2000-03	SILL	FRAME	6005-T5
10	2000-16	REINFORCING		6005-T5
11	2000-07	HEAD RECEPTOR		6005-T5
12	2000-09	BOTTOM MOVING PANEL PANEL	PANEL	6005-T5
14	AR-50A	WHEEL	DOOR & WINDOW HARDWARE	
15		FIN-SEAL .250 x .187	ULTRAFAB	
16	2000-05	SILL TRACK	FRAME	6005-T5
17	2000-15	SCREEN TRACK		6005-T5
18	2000-02	HEAD	FRAME	6005-T5
19	2000-13	FIXED STILE	PANEL	6005-T5
20	2000-11	INSIDE INTERLOCK	PANEL	6005-T5
21	D-60 C	LOCK	DOOR & WINDOW HARDWARE	
22	KP-50	KEEPER	DOOR & WINDOW HARDWARE	
23	2000-04	JAMB	FRAME	6005-T5
24	2000-12	HEAVY INTERLOCK	PANEL	6005-T5
25	2000-10	LOCK STILE	PANEL	6005-T5
26	2000-14	HEAVY ASTRAGAL	PANEL	6005-T5
27	2000-17	OUTSIDE INTERLOCK	PANEL	6005-T5
28	2000-18	ASTRAGAL	PANEL	6005-T5
29		ALUM. ANGLE 3/16" x 1" x 1 1/2" x 5 1/4"	ONLY AT 140 P.S.F.	6063-T5
30		BAR 1/4" x 1 1/2" x 2 1/2"	ONLY AT 140 P.S.F.	6063-T5
31		ANGLE 1/4" x 2" x 3" x 1 1/2"	ONLY AT 140 P.S.F.	6063-T5
32	CGI-02	FIXED PANEL SUPPORT - HARD PLASTIC	TWO PER PANEL- AT EACH END	
33		REINFORCING ALUMINUM BAR	3/8" x 4" x 60"	6063-T5
34		REINFORCING STEEL BAR	1/4" x 4" x 60"	A36
35		REINFORCING STEEL BAR	3/8" x 4" x 60"	A36



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Series 2000  
 Sliding Glass Door  
 SMALL MISSILE

Revision		Description	
No	Date	By	Description
A	01-01-2011	R. P.	RENEWAL
A	11-14-2012	M.E.F	PRODUCT CONTROL
A	07-12-2016	S.L.M.	2014 CODE CHANGE

Date: 08.27.2013  
 Scale:  
 Design by: G. S.  
 Drawing by: RICHARD  
 Checked by: G. S.  
 Drawing No. S.G.D-2000-SM  
 Sheet 10 of 10

