

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN DESIGNED, TESTED AND MANUFACTURED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION) & 2023 (8TH EDITION) FLORIDA BUILDING CODE, INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) SPECIFICATIONS.
2. ALL SHIMS, LOCATED AND APPLIED, SHALL BE HIGH-IMPACT, NON-METALLIC, NON-COMPRESSIBLE AND MADE OF MATERIALS AND THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
3. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WITH LOAD-BEARING SHIMS; AT 1/16" MINIMUM, 1/4" MAXIMUM. SHIM AS NEEDED FOR INSTALLATION.
4. 1BY WOOD BUCK OVER CONCRETE OR MASONRY IS OPTIONAL.
5. 1BY OR 2BY WOOD BUCKS, WOOD FRAMING AND MASONRY OPENINGS, BY OTHERS, MUST BE DESIGNED AND PROPERLY INSTALLED TO ADEQUATELY TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE, AND IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
6. WOOD BUCKS SHALL EXTEND BEYOND INTERIOR FACE OF THIS PRODUCT TO PROVIDE FULL FRAME SUPPORT.
7. WHERE 1BY WOOD BUCK IS USED, SEPARATE DISSIMILAR MATERIALS WITH APPROVED COATING OR MEMBRANE; SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
8. WHERE WOOD BUCK THICKNESS IS LESS THAN 3/4", PRODUCT UNITS MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS, AND SECURELY ANCHORED THROUGH THE WOOD BUCK AND INTO THE BUILDING STRUCTURAL SUBSTRATE.
9. WHERE WOOD BUCK THICKNESS IS GREATER THAN 1-1/2", PRODUCT UNITS MUST BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS, AND SECURELY ANCHORED INTO THE SECURED WOOD BUCK AND INTO THE BUILDING STRUCTURAL SUBSTRATE.
10. ALL UNITS MUST BE GLAZED PER ASTM E1300-04; SEE GLAZING DETAILS.
11. AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND-BORNE DEBRIS REGIONS.
12. ALL ANCHORS AND FASTENERS SHALL BE CORROSION-RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS; SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND STUCCO OR WALL FINISHES.
13. FOR ANCHORING INTO 2BY BUCK OR WOOD STRUCTURES USE 5/16" ELCO ULTRACON SCREWS, OR EQUIVALENT, WITH SUFFICIENT LENGTH TO ACHIEVE A 1-1/2" MINIMUM EMBEDMENT INTO THE BUILDING SUBSTRATE. LOCATE ANCHORS AS SHOWN ON ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING INTO CONCRETE OR MASONRY STRUCTURES USE 1/4" ELCO ULTRACON SCREWS, OR EQUIVALENT, WITH SUFFICIENT LENGTH TO ACHIEVE A 1-3/4" MINIMUM EMBEDMENT INTO THE BUILDING SUBSTRATE WITH 2-1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN ON ELEVATIONS AND INSTALLATION DETAILS.
15. FOR ANCHORING INTO METAL STRUCTURES USE #14 SMS, SELF-DRILLING SCREWS, OR EQUIVALENT, WITH SUFFICIENT LENGTH TO ACHIEVE FULL PENETRATION AND THREE (3) THREADS MINIMUM BEYOND THE INTERIOR METAL STRUCTURE. LOCATE ANCHORS AS SHOWN ON ELEVATIONS AND INSTALLATION DETAILS.
16. DISSIMILAR MATERIALS, INCLUDING BUT NOT LIMITED TO METAL SCREWS, THAT COME INTO CONTACT SHALL BE PAINTED OR PLATED PER REQUIREMENTS OF THE FLORIDA BUILDING CODE AND ADOPTED STANDARDS.
17. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.55.
 - B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
 - C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90, F'M = 2,000 PSI MINIMUM.
 - D. METAL STRUCTURE(S): ALUMINUM: 1/8" MINIMUM THICKNESS, 6063-T5 MINIMUM; STEEL: 1/8" MINIMUM THICKNESS, FY=33 KSI MINIMUM; METAL STUD: 16 GA. MINIMUM.
19. THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE-SPECIFIC PROJECT, I.E., LIFE-SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND WEATHER-SEALING FOR WATER INFILTRATION RESISTANCE, ETC.
20. REFER TO INSTALLATION MANUAL FOR REQUIRED SEALANTS.
21. CONDITIONS NOT SHOWN IN THESE DRAWINGS ARE TO BE ANALYZED SEPARATELY AND REVIEWED BY THE BUILDING OFFICIAL.
22. DESIGN LOADS, IN THIS PRODUCT APPROVAL, ARE NOMINAL PRESSURES; ULTIMATE PRESSURES PROVIDED SHALL BE CALCULATED BY A FACTOR OF 0.6 TO DETERMINE NOMINAL PRESSURES.

SERIES SGD 1000

SLIDING GLASS DOOR SYSTEM

PRODUCT APPROVAL FBC (2020/2023): FL# 31650.1



THIS SYSTEM HEREIN, USING LAMINATED AND INSULATED, LAMINATED GLASS, ARE RATED FOR LARGE, SMALL MISSILE IMPACT AND NON-IMPACT, (L.M.I./S.M.I.).

APPLICABLE EGRESS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) TO BE REVIEWED BY BUILDING OFFICIAL.

SHEET SECTION INDEX:

- 1.0 COVER SHEET & GENERAL NOTES
- 2.0 TYPICAL UNIT ELEVATIONS
- 3.0 ANCHOR LAYOUT & SPACINGS
- 4.0 TYPICAL UNIT CONFIGURATIONS
- 5.0 TYPICAL SYSTEM DETAILS
- 6.0 GLAZING CHARTS & NOTES
- 7.0 ANCHORING CHARTS & NOTES
- 8.0 SUBSTRATE ANCHORING DETAILS
- 9.0 GLAZING OPTIONS
- 10.0 BILL OF MATERIALS & HARDWARE

INSTRUCTIONS:

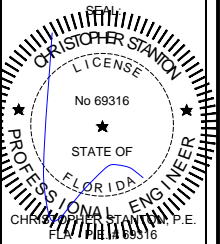
(USE CHARTS AS FOLLOWS.)

1. DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BUILDING HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARDS.
2. DETERMINE DOOR CAPACITY FROM DESIGN LOAD CHARTS IN SECTIONS 6.0 AND 9.0 FOR GLASS TYPE AND REINFORCEMENT APPLICATION.
3. USING CHARTS IN SECTION 7.0 AND ANCHOR CONDITIONS IN SECTION 8.0, SELECT ANCHOR OPTION WITH DESIGN RATING GREATER THAN THE DESIGN LOAD SPECIFIED IN STEP 1, ABOVE.
4. THE LOWEST VALUE RESULTING FROM STEPS 2 AND 3 SHALL APPLY TO THE ENTIRE SYSTEM.

REVISIONS:	NO.	DATE	DESCRIPTION
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SHOP DRAWINGS ARE REVIEWED FOR STRUCTURAL REQUIREMENTS ONLY!

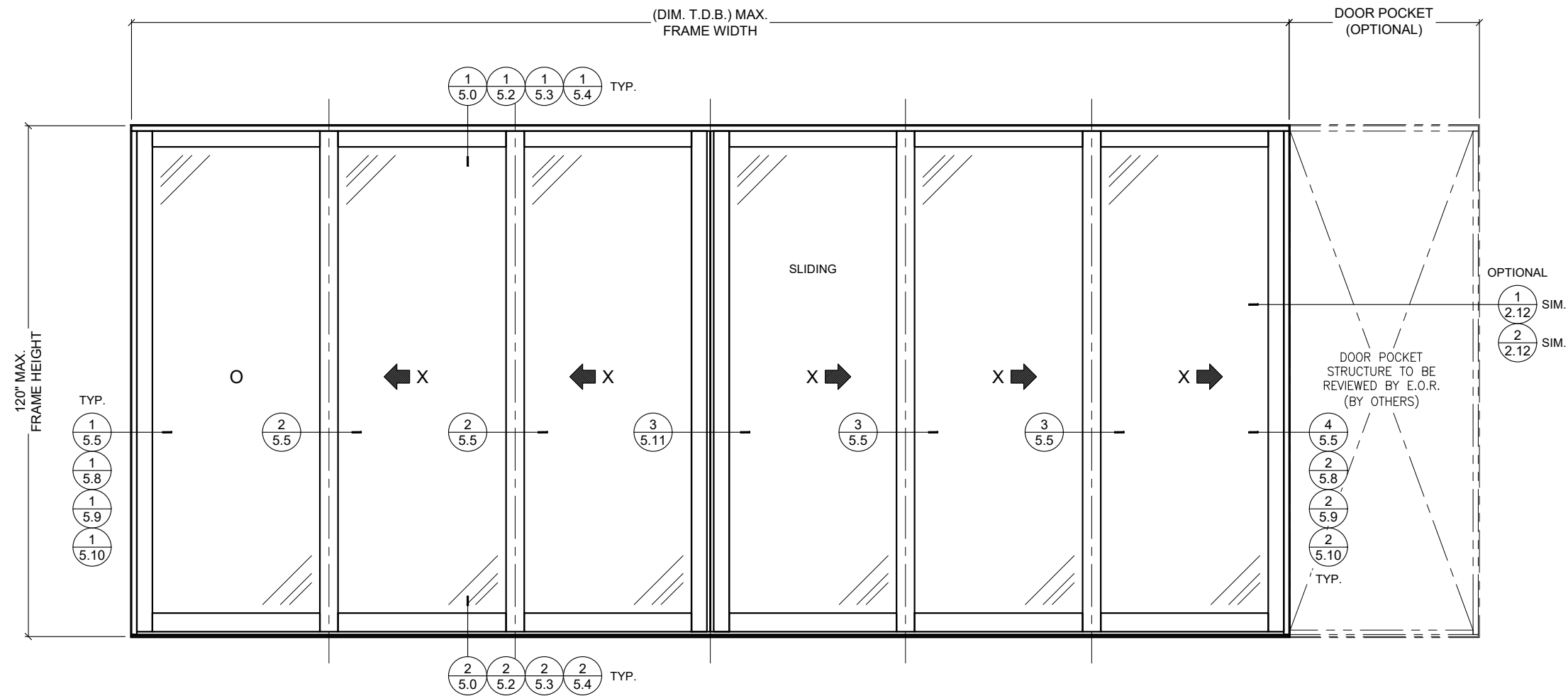


STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
 2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
 BOCA RATON, FLORIDA 33431
 TEL: (561) 393-1008
 FAX: (561) 393-1003

SERIES SGD 1000
 SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): FL# 31650.1

VELOCITY IMPACT PRODUCTS
 2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
 TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	GENERAL NOTES
SCALE:	FULL [1:1]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	1.0 01 of 42
JOB NO.	0000-00



1 SGD 1000 SERIES
2.0 TYPICAL EXTERIOR ELEVATION

UNLIMITED NUMBER OF PANELS, IN UNLIMITED CONFIGURATIONS, WITH OR WITHOUT POCKETS, ARE APPROVED AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM TESTED PANEL SIZE, (W X H), AND USES VERTICAL CONDITIONS, AS SHOWN, AND NOT TO EXCEED:
 60" FRAME WIDTH X 120" FRAME HEIGHT = 50 SQ. FT FRAME AREA.

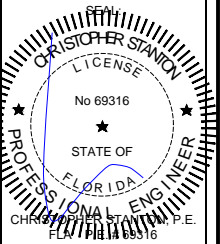
GENERAL NOTES:

- ALL ELEVATIONS, AS SHOWN, ARE FOR TYPICAL DETAIL REFERENCE ONLY. PANELS, INTERLOCKS AND MEETING STILE ORIENTATIONS MAY BE CONFIGURED, AS NEEDED, ALLOWABLE A TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAMES; SO LONG AS MAXIMUM PANEL FRAME AREA DOES NOT EXCEED 50 SQ. FT.
- MAXIMUM PANEL SIZE:
61-9/16" WIDTH X 118-1/2" HEIGHT.
- MAXIMUM DAYLIGHT OPENING, (D.L.O.):
53-9/16" WIDTH X 110-1/8" HEIGHT.
- SEE SHEET 8.14 FOR WEEP HOLE INFORMATION.
- SEE INSTALLATION NOTES FOR REQUIRED SEALANTS.

REVISIONS:	NO.	DATE	DESCRIPTION
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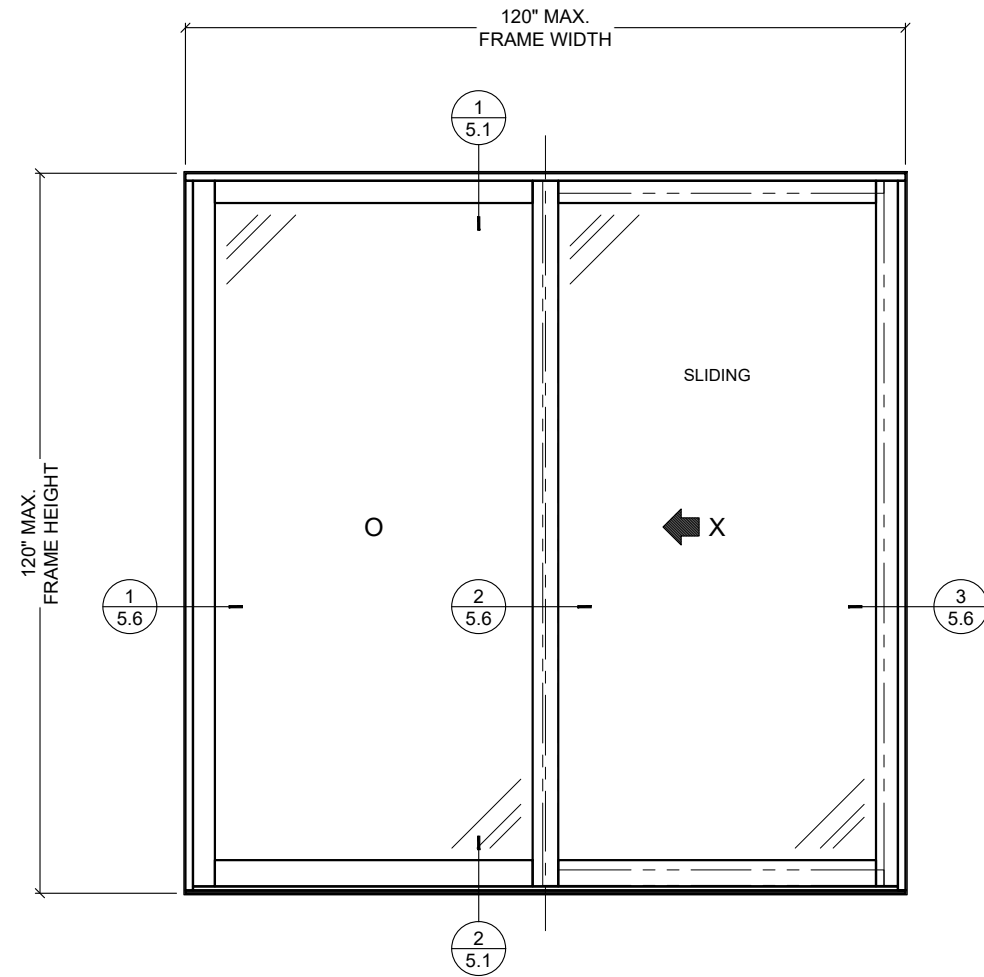
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 2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
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 TEL: (661) 393-1003
 FAX: (661) 393-1008

SERIES SGD 1000
 SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1

VELOCITY IMPACT PRODUCTS
 2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
 TEL: (901) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019
 DRAWN BY: KJT
 CHECKED BY: CS

DESCRIPTION
 TYPICAL ELEVATIONS
 SCALE: 3/8" = 1'-0" [1:32]
 PLOT SIZE: ANSI B (11" X 17")
 SHEET NO.
2.0 02 of 42
 JOB NO. 0000-00



2 **SGD 1000 SERIES**
2.1 **TWO-TRACK W/ SCREEN EXTERIOR ELEVATION**

UNLIMITED NUMBER OF PANELS, IN UNLIMITED CONFIGURATIONS, WITH OR WITHOUT POCKETS, ARE APPROVED AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM TESTED PANEL SIZE, (W X H), AND USES VERTICAL CONDITIONS, AS SHOWN, AND NOT TO EXCEED:
 60" FRAME WIDTH X 120" FRAME HEIGHT = 50 SQ. FT FRAME AREA.

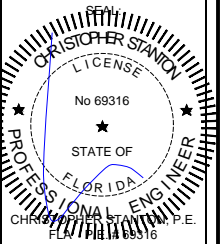
GENERAL NOTES:

1. ALL ELEVATIONS, AS SHOWN, ARE FOR TYPICAL DETAIL REFERENCE ONLY. PANELS, INTERLOCKS AND MEETING STILE ORIENTATIONS MAY BE CONFIGURED, AS NEEDED, ALLOWABLE A TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAMES; SO LONG AS MAXIMUM PANEL FRAME AREA DOES NOT EXCEED 50 SQ. FT.
2. MAXIMUM PANEL SIZE:
61-9/16" WIDTH X 118-1/2" HEIGHT.
3. MAXIMUM DAYLIGHT OPENING, (D.L.O.):
53-9/16" WIDTH X 110-1/8" HEIGHT.
4. SEE SHEET 8.14 FOR WEEP HOLE INFORMATION.
5. SEE INSTALLATION NOTES FOR REQUIRED SEALANTS.

REVISIONS:	NO.	DATE	DESCRIPTION
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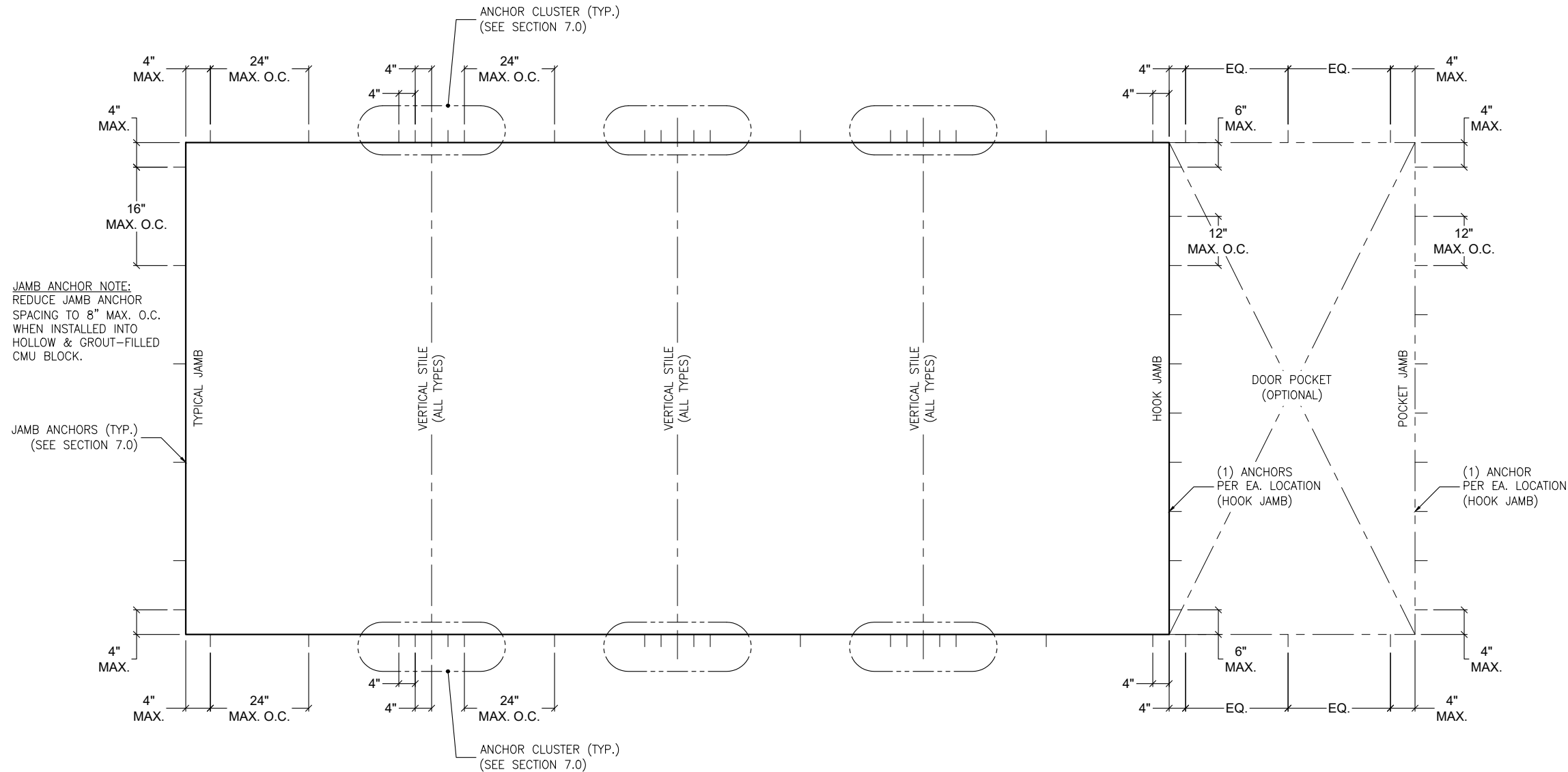
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 TEL: (561) 393-1003 FAX: (561) 393-1008

SERIES SGD 1000
 SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1

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 TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019
 DRAWN BY: KJT
 CHECKED BY: CS

DESCRIPTION
 TYPICAL ELEVATIONS
 SCALE: 3/8" = 1'-0" [1:32]
 PLOT SIZE: ANSI B (11" X 17")
 SHEET NO.
2.1 03 of 42
 JOB NO. 0000-00



JAMB ANCHOR NOTE:
REDUCE JAMB ANCHOR
SPACING TO 8" MAX. O.C.
WHEN INSTALLED INTO
HOLLOW & GROUT-FILLED
CMU BLOCK.

JAMB ANCHORS (TYP.)
(SEE SECTION 7.0)

ANCHOR CLUSTER (TYP.)
(SEE SECTION 7.0)

VERTICAL STILE
(ALL TYPES)

VERTICAL STILE
(ALL TYPES)

VERTICAL STILE
(ALL TYPES)

DOOR POCKET
(OPTIONAL)

(1) ANCHORS
PER EA. LOCATION
(HOOK JAMB)

(1) ANCHOR
PER EA. LOCATION
(HOOK JAMB)

ANCHOR CLUSTER (TYP.)
(SEE SECTION 7.0)

1 SGD 1000 SERIES
3.0 TYPICAL ANCHOR LAYOUT, (FOR ALL SGD SYSTEMS)

GENERAL NOTES:

- THIS LAYOUT, AS SHOWN, IS FOR TYPICAL ANCHOR REFERENCE ONLY. PANELS, INTERLOCKS AND MEETING STILE ORIENTATIONS MAY BE CONFIGURED AS NEEDED ALLOWABLE A TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAMES.

ANCHOR NOTES:

- FOR MINIMUM ANCHORAGE REQUIREMENTS, REFER TO SECTION 7.0.
- USE CHARTS IN SECTIONS 7.0 AND 9.0, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.
- FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:

AT HEAD: SHEETS 8.0 THRU 8.3;
AT SILL: SHEETS 8.4 THRU 8.8;
AT JAMBS: SHEETS 8.9 THRU 8.12.

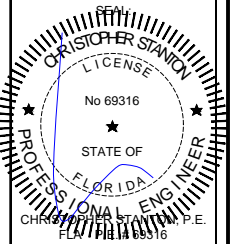
IMPOSED LOADS NOTE:
BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

SUBSTRATE NOTES:
WOOD STRUCTURES: SG = 0.55 MIN.
CONC. OR MASONRY: F'C = 3,000 PSI MIN.
C-90 GROUT-FILLED BLOCK: F'M = 2,000 PSI MIN.

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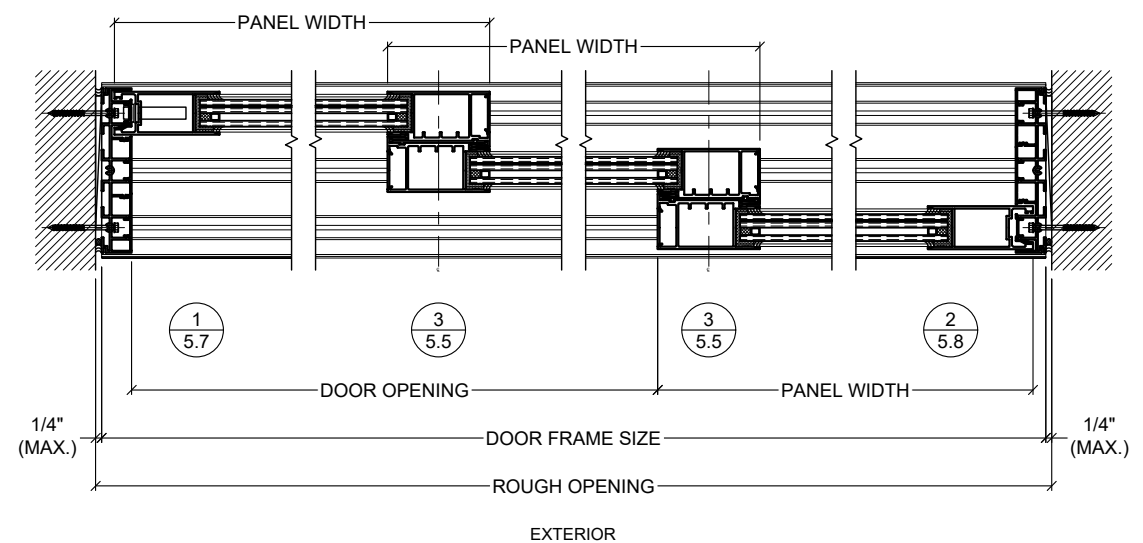
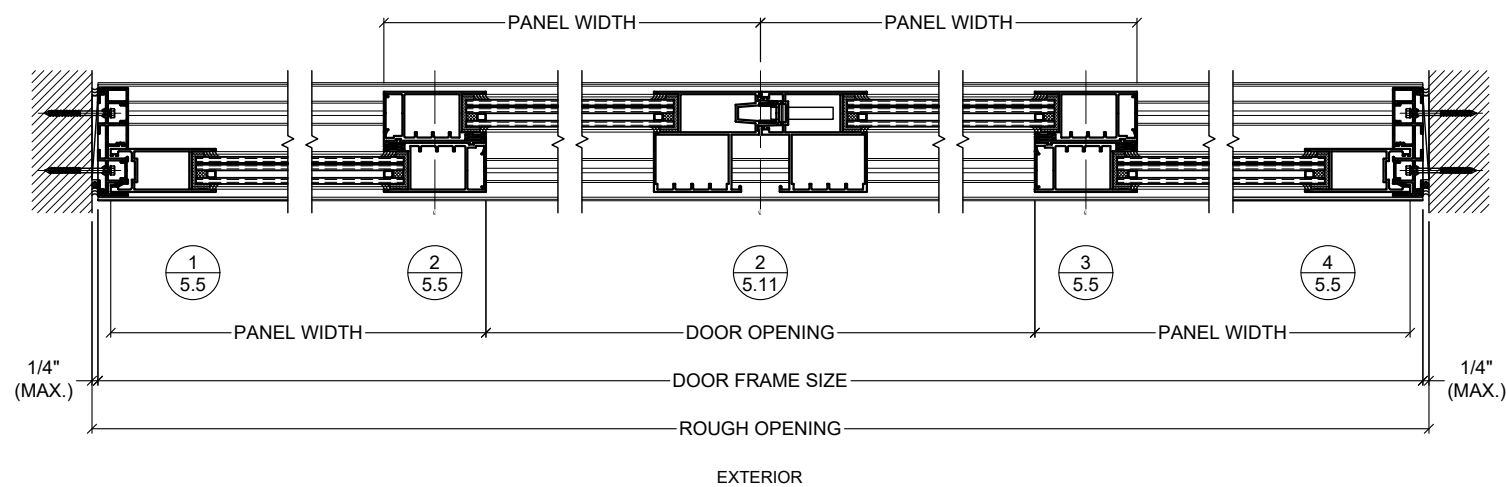
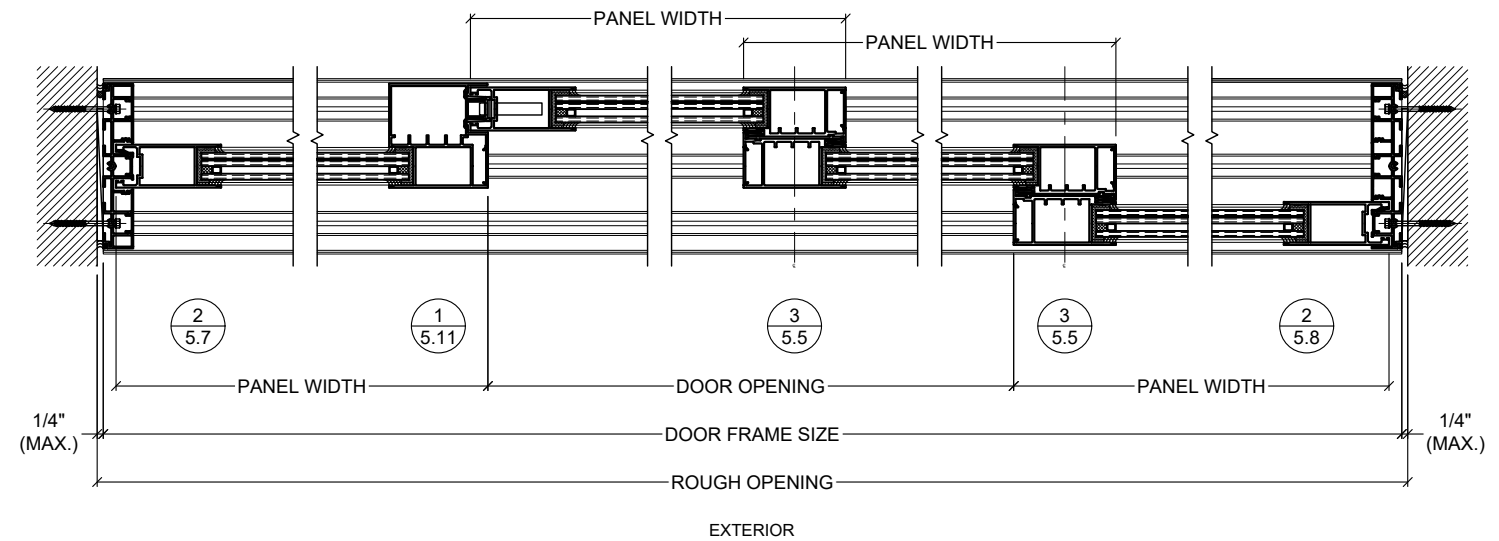
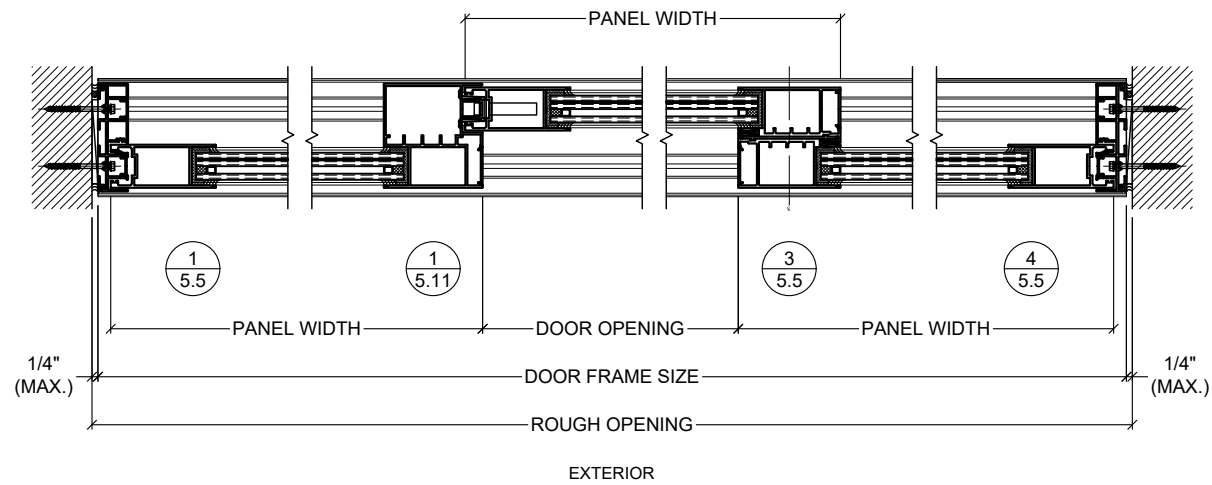
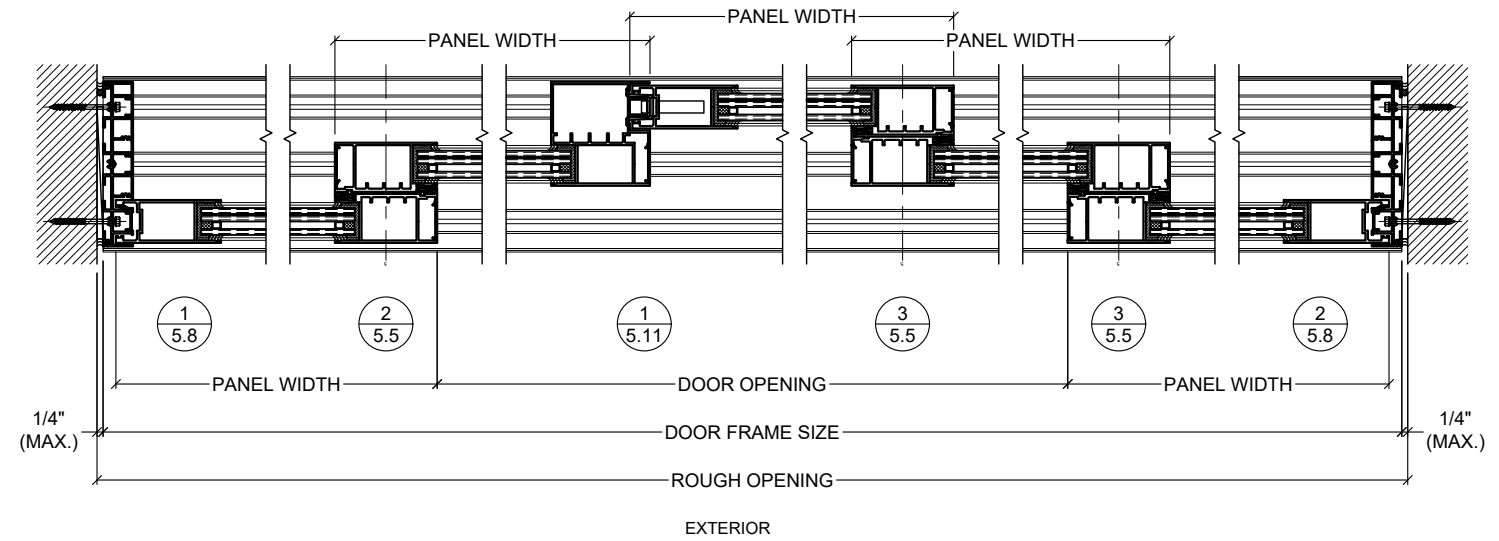
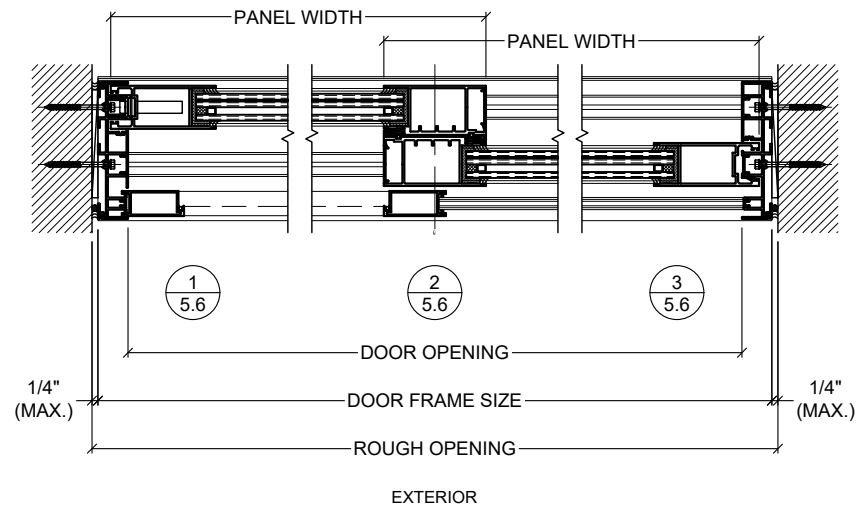
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SERIES SGD 1000
SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR LAYOUT
SCALE:	3/8" = 1'-0" [1:32]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	3.0 04 of 42
JOB NO.	0000-00



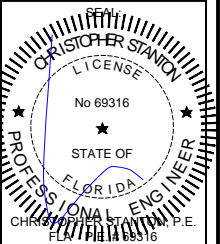
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- REFER TO SECTION 6.0 FOR APPLICABLE DESIGN PRESSURES WITH, AND WITHOUT, REINFORCEMENT.
- FOR ANCHORING DESIGN LOAD CHARTS, REQUIREMENTS AND DETAILS, SEE SECTIONS 7.0 AND 8.0.
- DOOR POCKETS ARE OPTIONAL BUILDING STRUCTURES, BY OTHERS, TO BE REVIEWED BY E.O.R.
- DOORS SHALL MEET APPLICABLE EGRESS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC).

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 BOCA RATON, FLORIDA 33431
 TEL: (561) 393-1003
 FAX: (561) 393-1008

PROJECT: SERIES SGD 1000
OWNER: VELOCITY IMPACT PRODUCTS
 SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1
 2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
 TEL: (561) 425-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

CHECKED BY: CS

DESCRIPTION
 TYPICAL LAYOUTS

SCALE: 1-1/2" = 1'-0" (1:8)

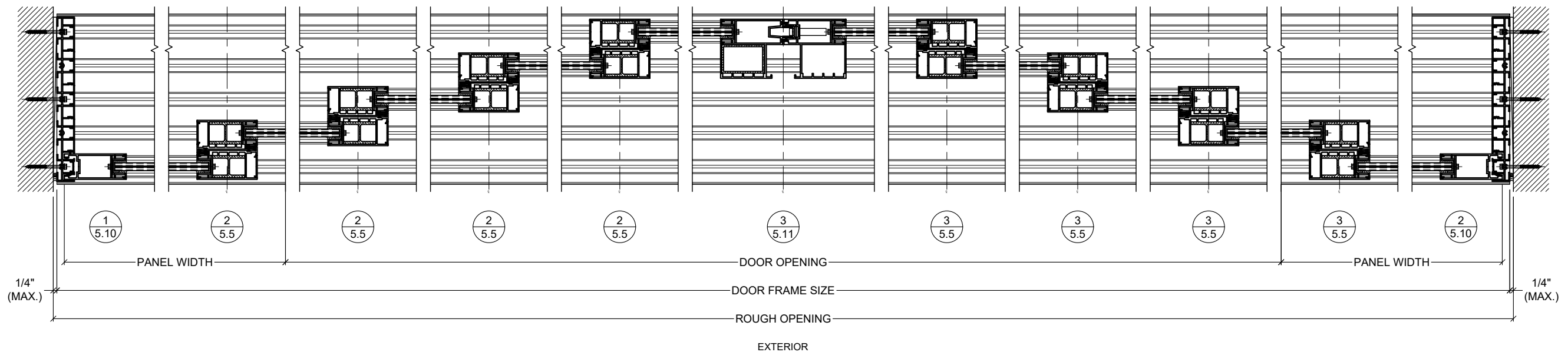
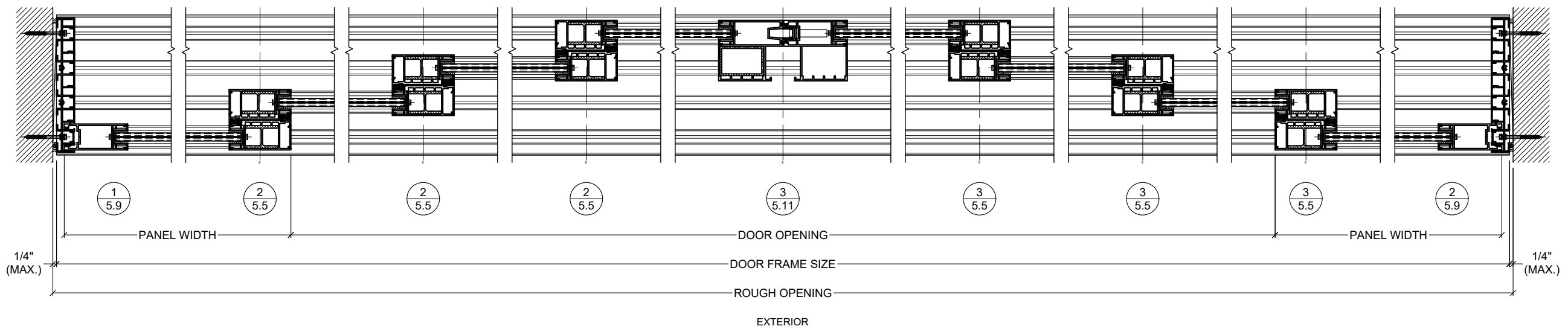
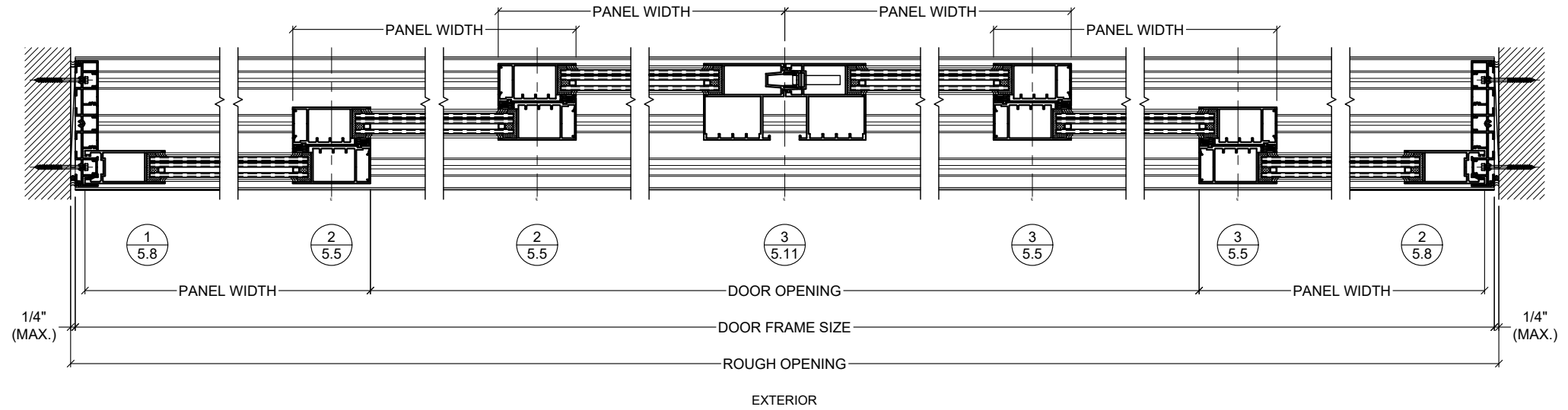
PLOT SIZE: ANSI B (11" X 17")

SHEET NO.

4.0 05 of 42
 JOB NO. 0000-00

GENERAL NOTES:

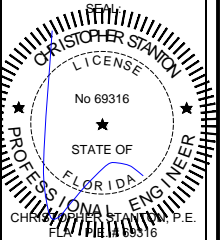
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2. REFER TO SECTION 6.0 FOR APPLICABLE DESIGN PRESSURES WITH, AND WITHOUT, REINFORCEMENT.
3. FOR ANCHORING DESIGN LOAD CHARTS, REQUIREMENTS AND DETAILS, SEE SECTIONS 7.0 AND 8.0.
4. DOOR POCKETS ARE OPTIONAL BUILDING STRUCTURES, BY OTHERS, TO BE REVIEWED BY E.O.R.
5. DOORS SHALL MEET APPLICABLE EGRESS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC).



REVISIONS:	NO.	DATE	DESCRIPTION
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TEL: (561) 393-1003
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SERIES SGD 1000
SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2021/2023): PLF 3-1650-1

VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com



SUBMIT DATE: 01APR2019

DRAWN BY: KJT

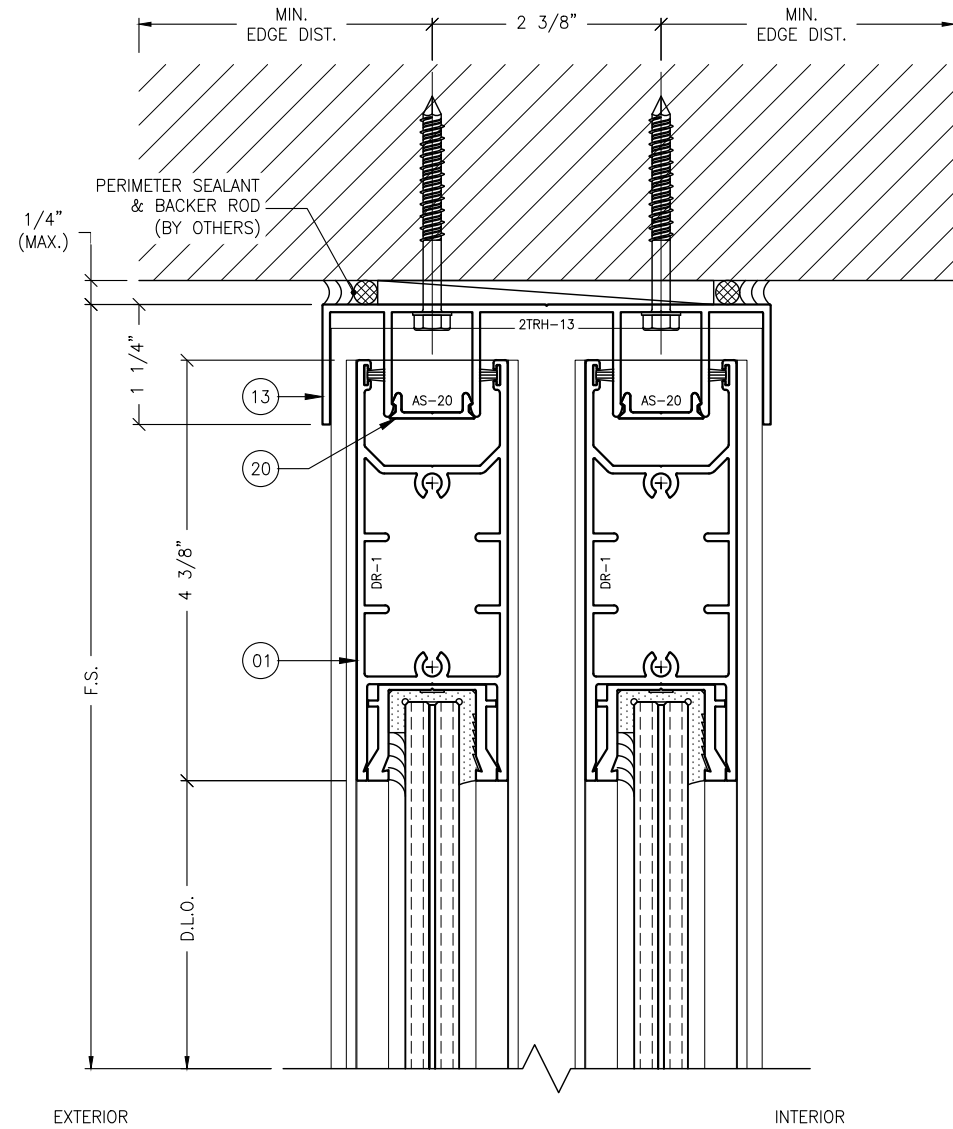
CHECKED BY: CS

DESCRIPTION
TYPICAL LAYOUTS

SCALE: 1-1/2" = 1'-0" [1:8]

PLOT SIZE: ANSI B (11" X 17")

SHEET NO.
4.1 06 of 42
JOB NO. 0000-00



1 HEAD DETAIL
5.0 TYPICAL

ANCHOR NOTES:

1. FOR ANCHOR LAYOUT AND LOCATIONS, REFER TO SECTION 3.0.
2. FOR MINIMUM ANCHORAGE REQUIREMENTS, REFER TO SECTION 7.0.
3. USE CHARTS IN SECTIONS 7.0 AND 9.0, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.

4. FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:

AT HEAD: SHEETS 8.0 THRU 8.3;
AT SILL: SHEETS 8.4 THRU 8.8;
AT JAMBS: SHEETS 8.9 THRU 8.12.

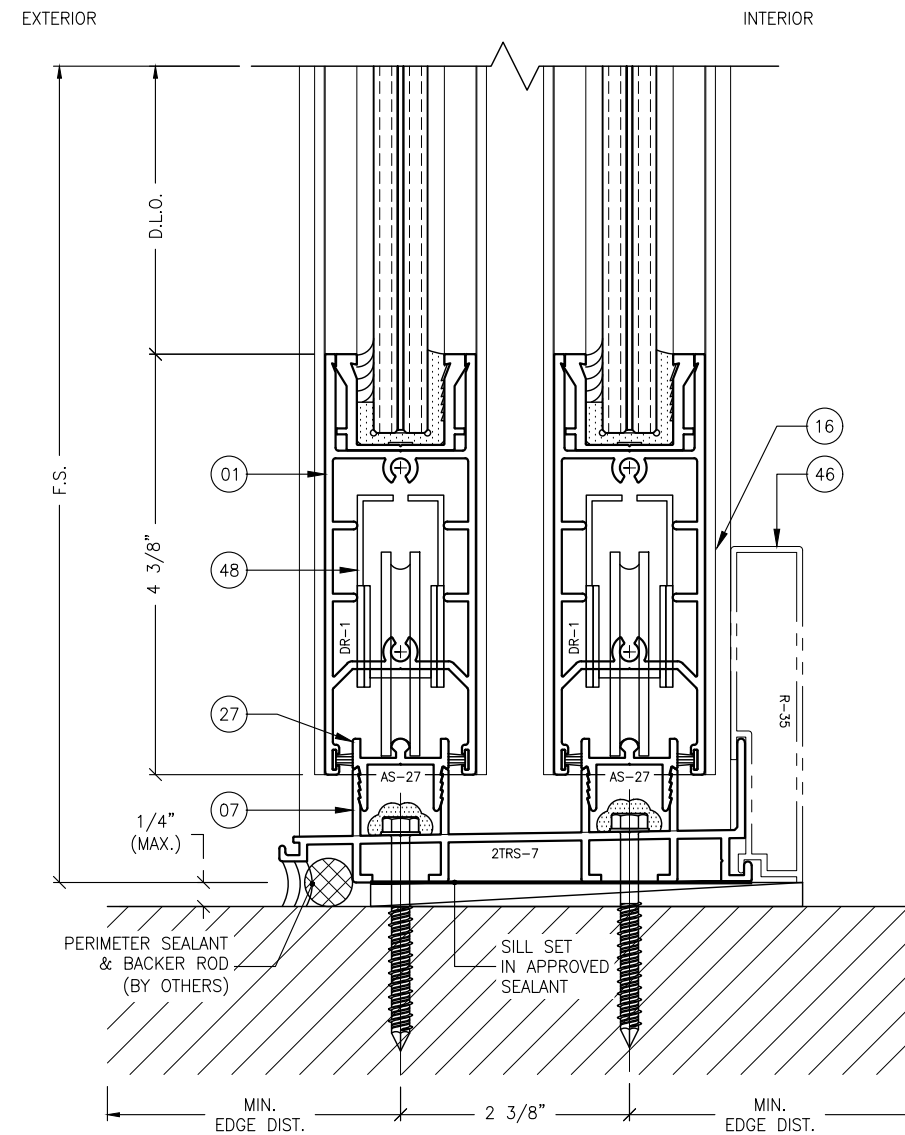
ACCESSORY NOTES:

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A. AS-16, (16), THRESHOLD STEP COVER.

B. AS-17, (17), HEAD/SILL BUMPER COVER.

C. ALL SILL RISERS, (42 THRU 47) REQUIRED FOR DESIGN LOADS AT ± 60.0 PSF AND GREATER.

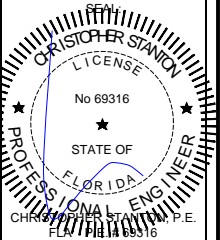


2 SILL DETAIL
5.0 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

SERIES SGD 1000
SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
OWNER:
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 4285740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

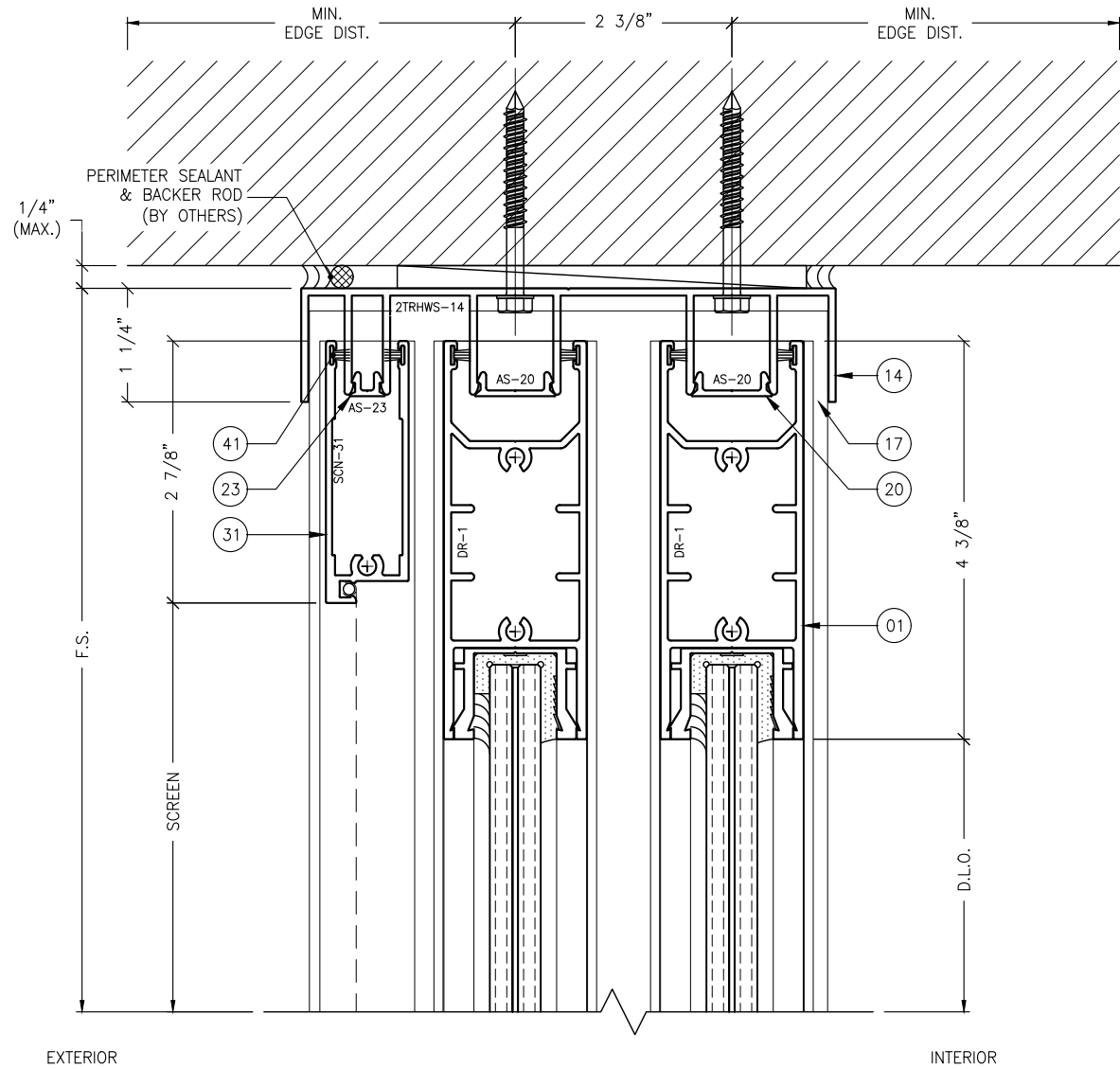
CHECKED BY: CS

DESCRIPTION
TYPICAL DETAILS

SCALE: 6" = 1'-0" [1:2]

PLOT SIZE: ANSI B (11" X 17")

SHEET NO.
5.0 07 of 42
JOB NO. 0000-00



1 HEAD DETAIL
5.1 TYPICAL W/ SCREEN

ANCHOR NOTES:

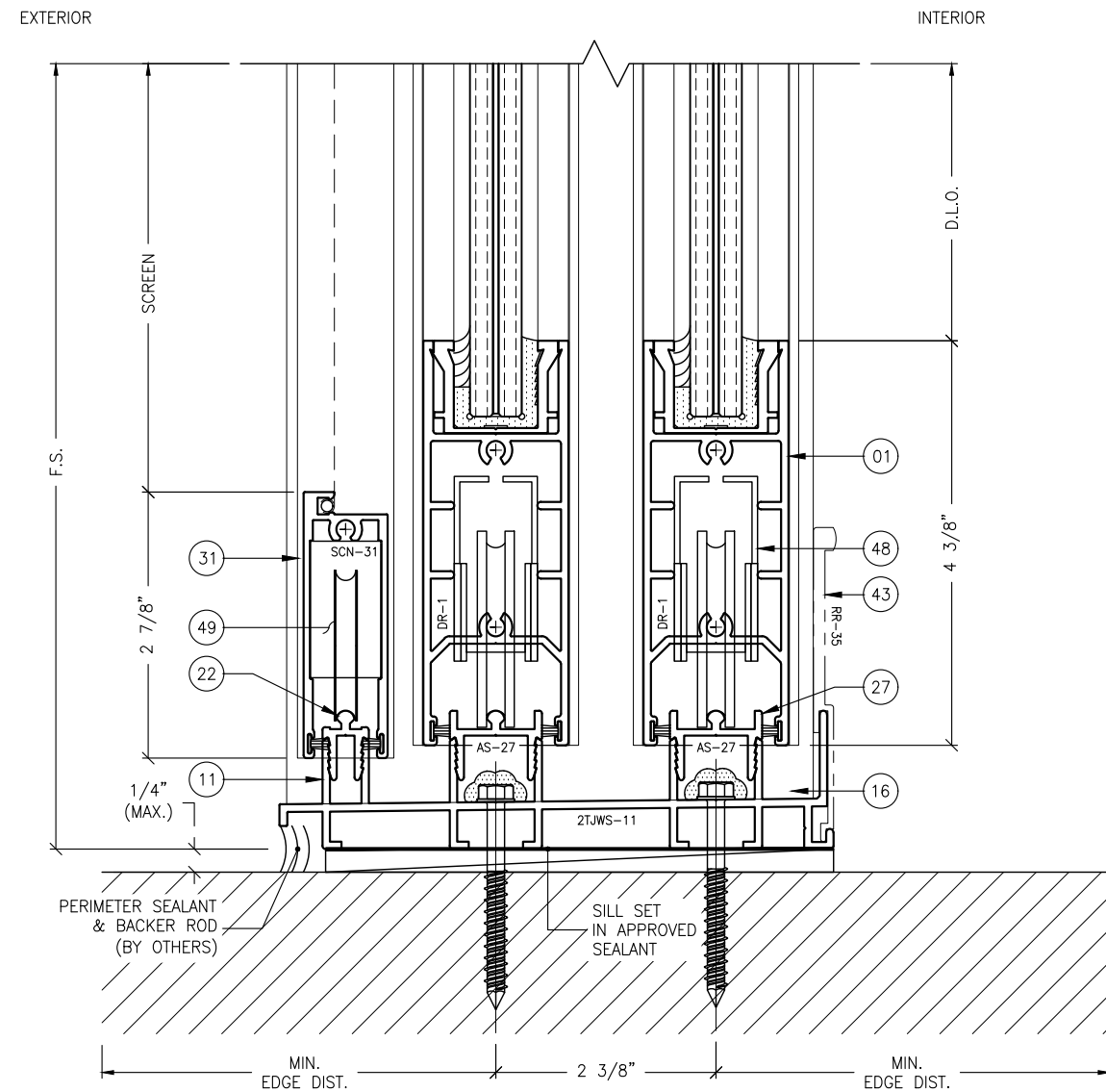
1. FOR ANCHOR LAYOUT AND LOCATIONS, REFER TO SECTION 3.0.
2. FOR MINIMUM ANCHORAGE REQUIREMENTS, REFER TO SECTION 7.0.
3. USE CHARTS IN SECTIONS 7.0 AND 9.0, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.
4. FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:

AT HEAD: SHEETS 8.0 THRU 8.3;
AT SILL: SHEETS 8.4 THRU 8.8;
AT JAMBS: SHEETS 8.9 THRU 8.12.

ACCESSORY NOTES:

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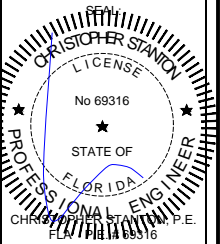


2 SILL DETAIL
5.1 TYPICAL W/ SCREEN

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
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	4		

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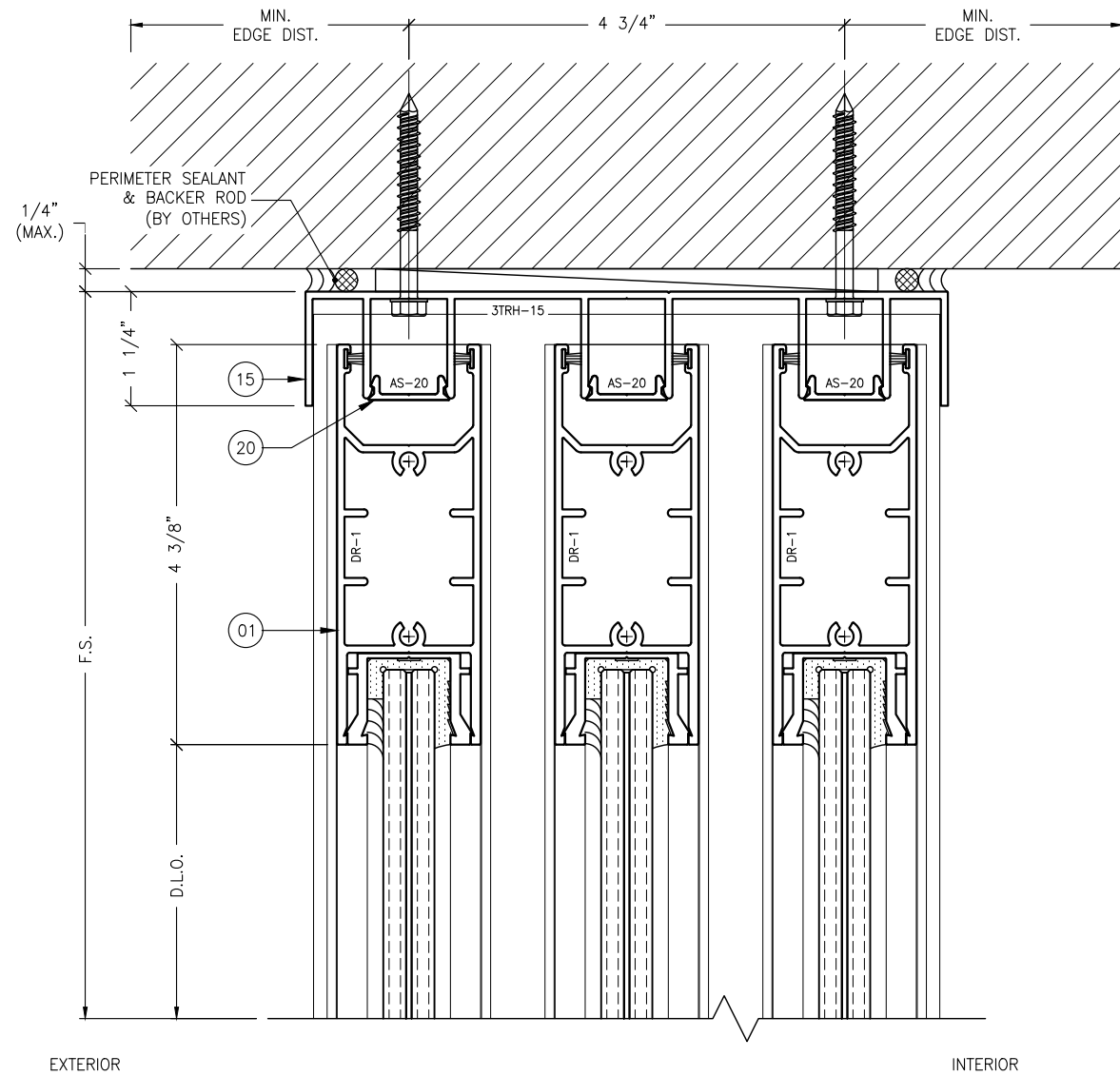
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2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: **SERIES SGD 1000**
OWNER: **VELOCITY IMPACT PRODUCTS**
SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 4285740 NET: www.velocityimpactproducts.com

SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	TYPICAL DETAILS
SCALE:	6" = 1'-0" [1:2]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	5.1
	08 of 42
	JOB NO. 0000-00



1 HEAD DETAIL
5.2 TYPICAL

ANCHOR NOTES:

1. FOR ANCHOR LAYOUT AND LOCATIONS, REFER TO SECTION 3.0.
2. FOR MINIMUM ANCHORAGE REQUIREMENTS, REFER TO SECTION 7.0.
3. USE CHARTS IN SECTIONS 7.0 AND 9.0, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.

4. FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:

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AT SILL: SHEETS 8.4 THRU 8.8;
AT JAMBS: SHEETS 8.9 THRU 8.12.

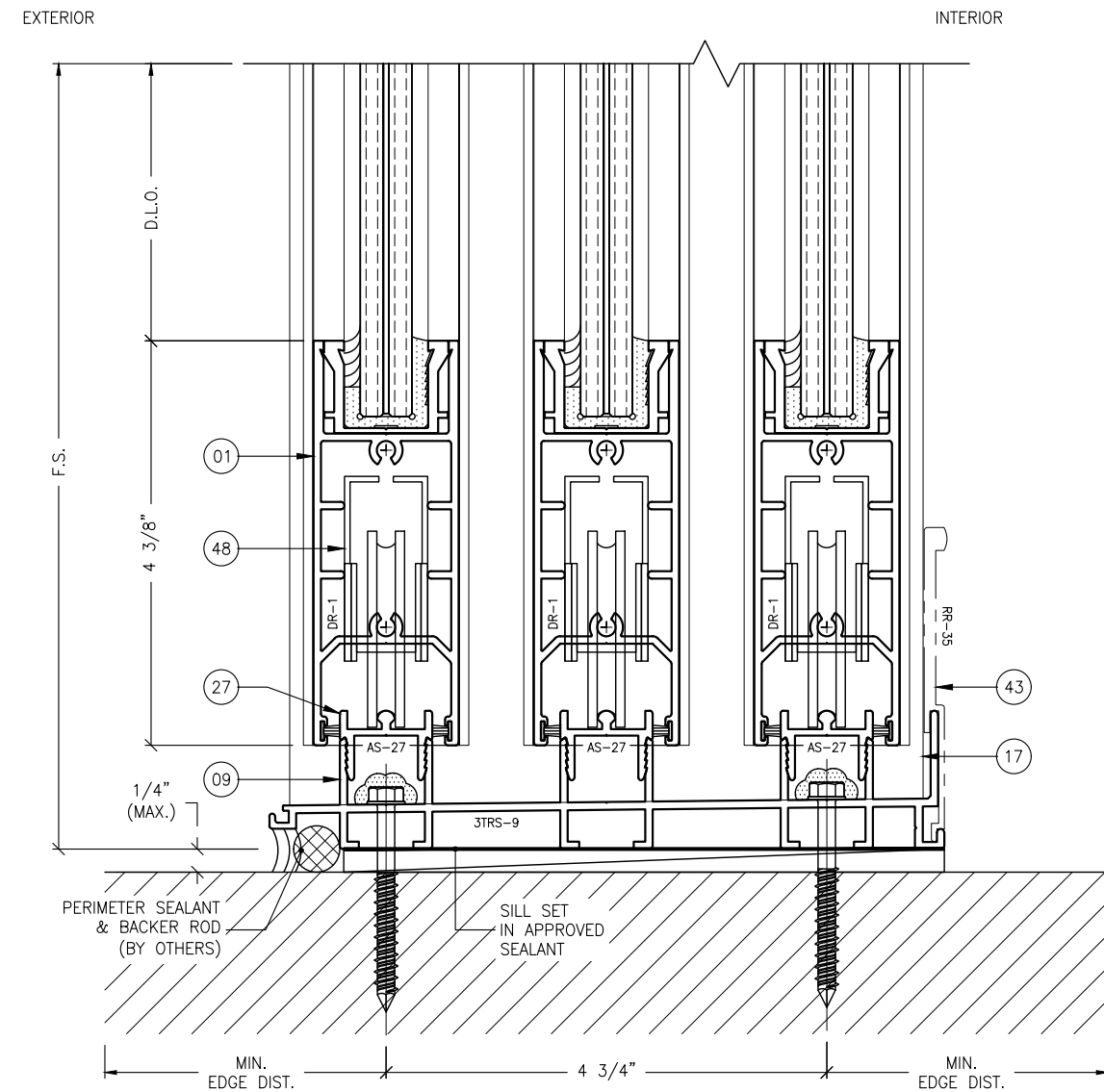
ACCESSORY NOTES:

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C. ALL SILL RISERS, (42 THRU 47) REQUIRED FOR DESIGN LOADS AT ±60.0 PSF AND GREATER.

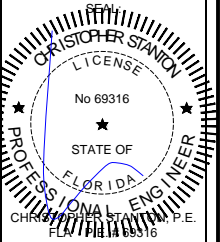


2 SILL DETAIL
5.2 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

SERIES SGD 1000
SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
OWNER:
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

CHECKED BY: CS

DESCRIPTION
TYPICAL DETAILS

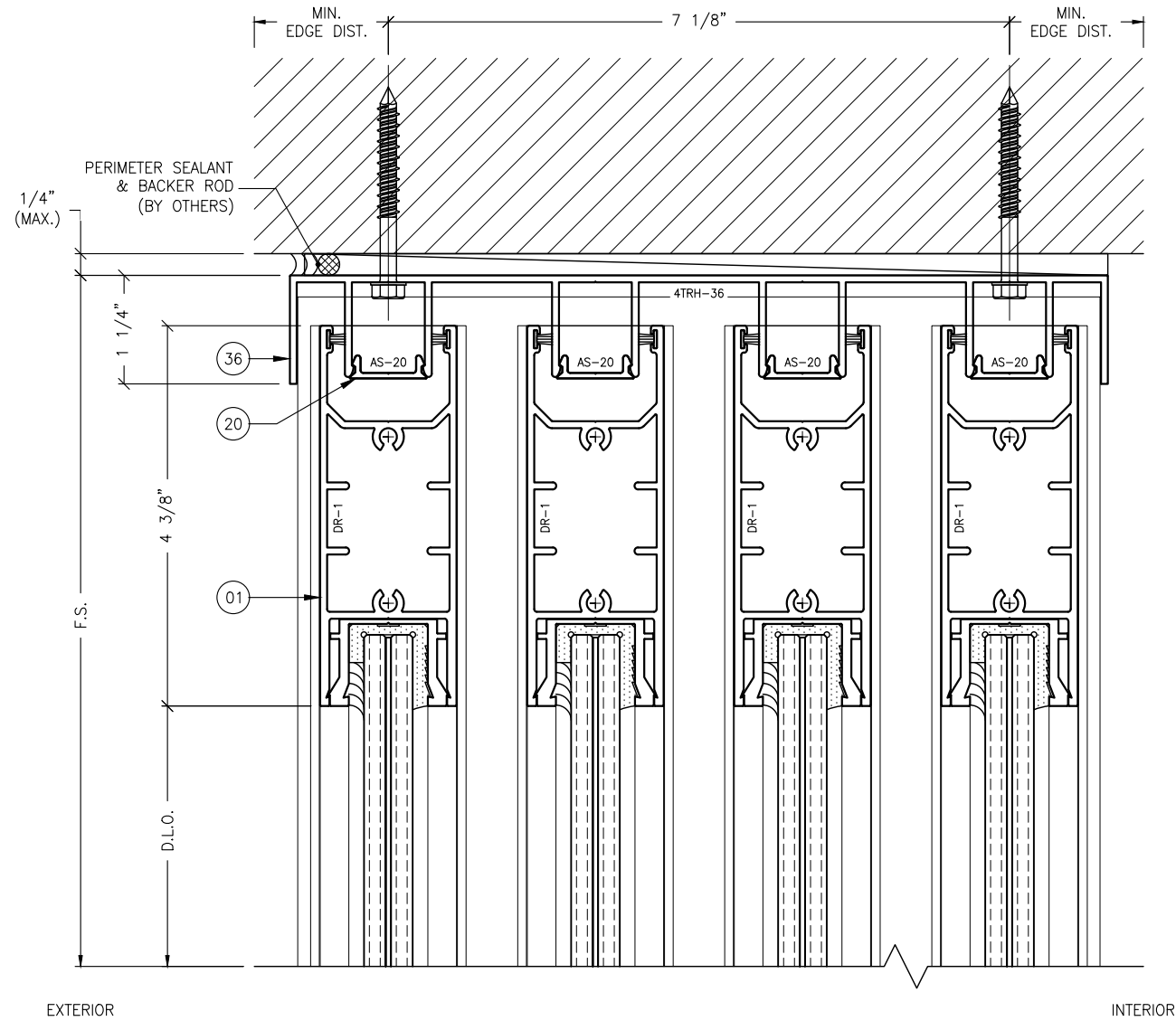
SCALE: 6" = 1'-0" (1:2)

PLOT SIZE: ANSI B (11" X 17")

SHEET NO.

5.2 09 of 42

JOB NO. 0000-00



EXTERIOR INTERIOR

1 HEAD DETAIL
5.3 TYPICAL

ANCHOR NOTES:

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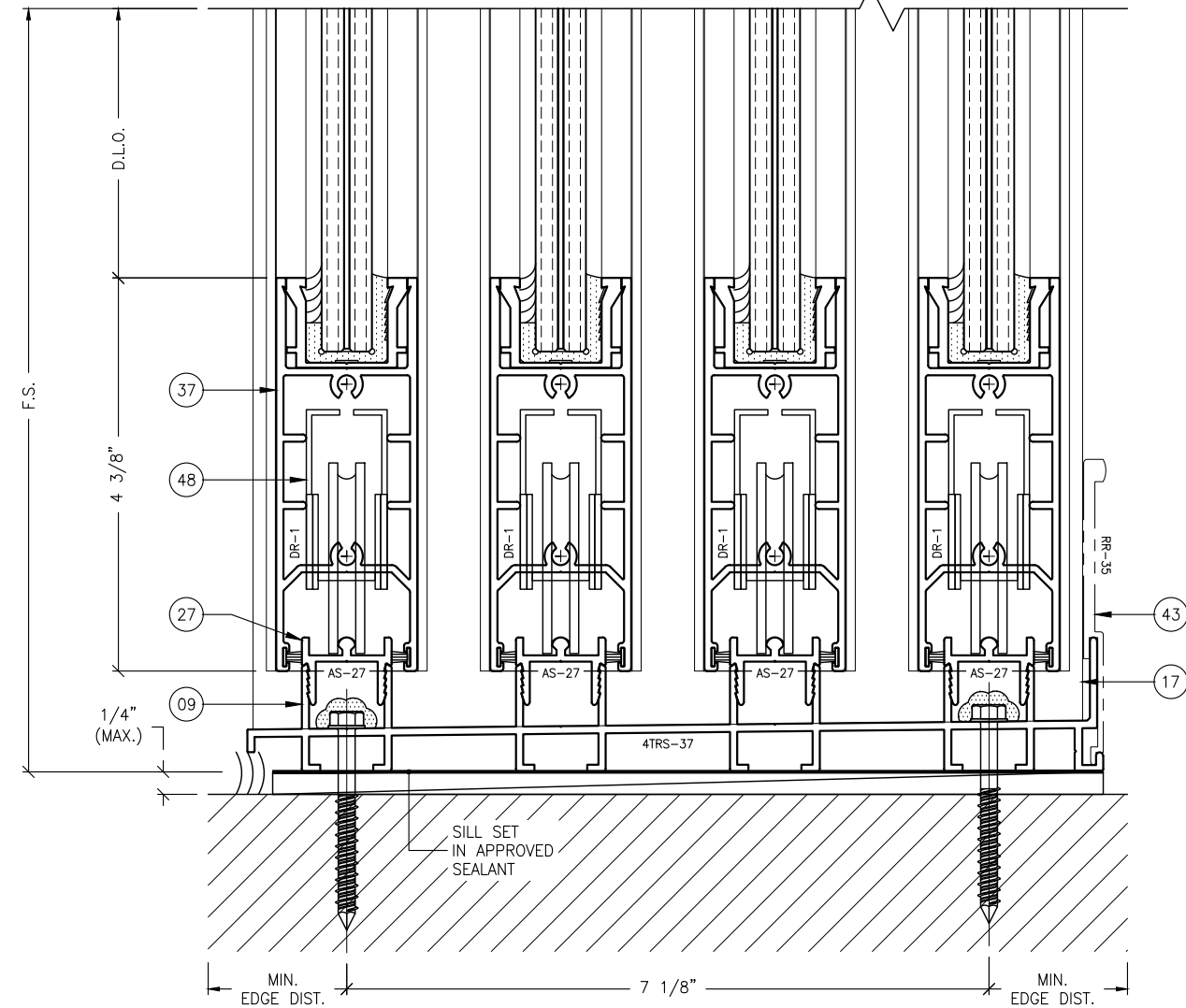
AT HEAD: SHEETS 8.0 THRU 8.3;
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EXTERIOR

INTERIOR

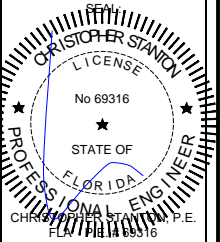


2 SILL DETAIL
5.3 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
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STRUCTURAL ENGINEERING SERVICES

2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SERIES SGD 1000
OWNER: VELOCITY IMPACT PRODUCTS
SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1

2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com



SUBMIT DATE: 01APR2019

DRAWN BY: KJT

CHECKED BY: CS

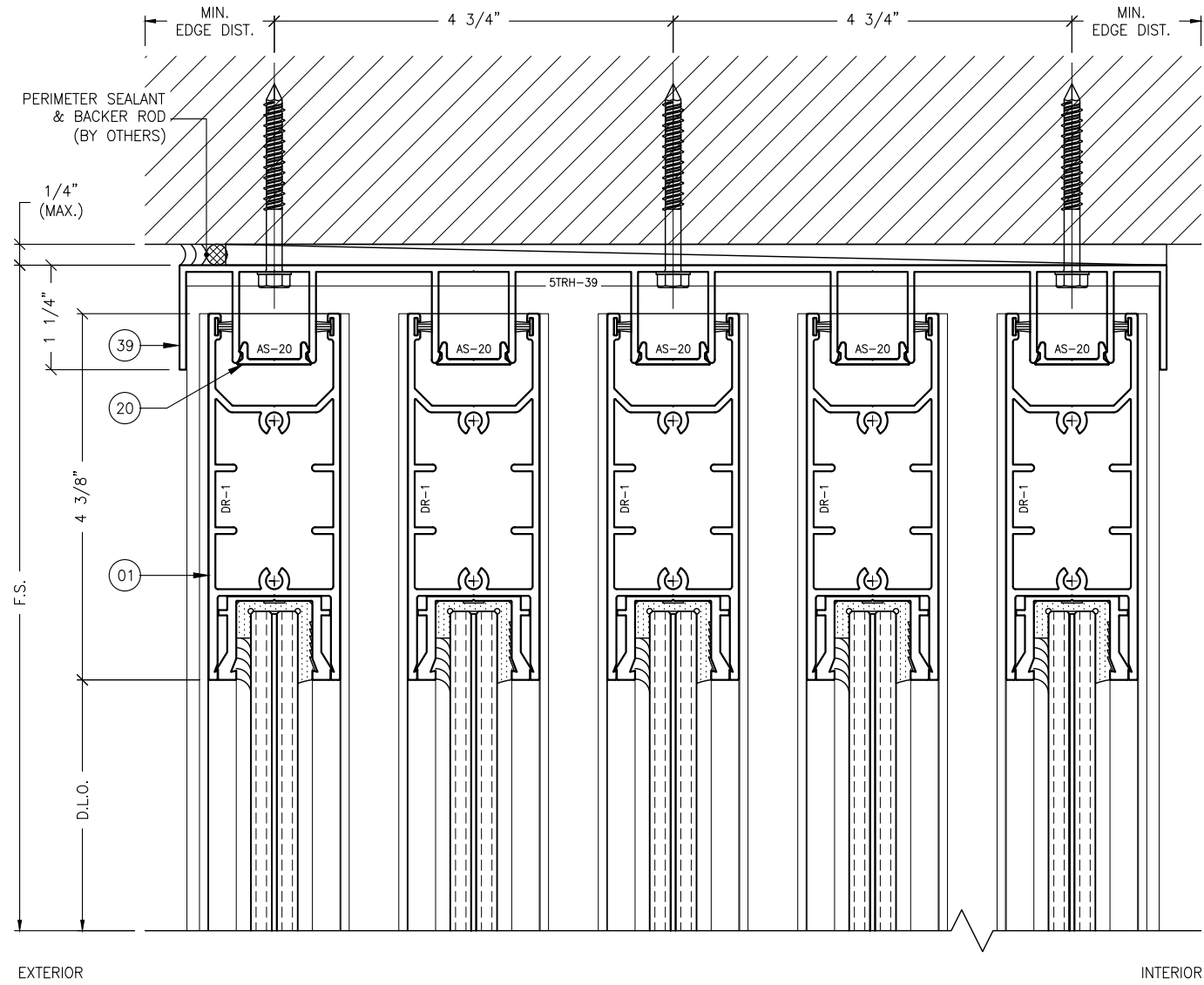
DESCRIPTION
TYPICAL DETAILS

SCALE: 6" = 1'-0" (1:2)

PLOT SIZE: ANSI B (11" X 17")

SHEET NO.

5.3 10 of 42
JOB NO. 0000-00



EXTERIOR INTERIOR

1 HEAD DETAIL
5.4 TYPICAL

ANCHOR NOTES:

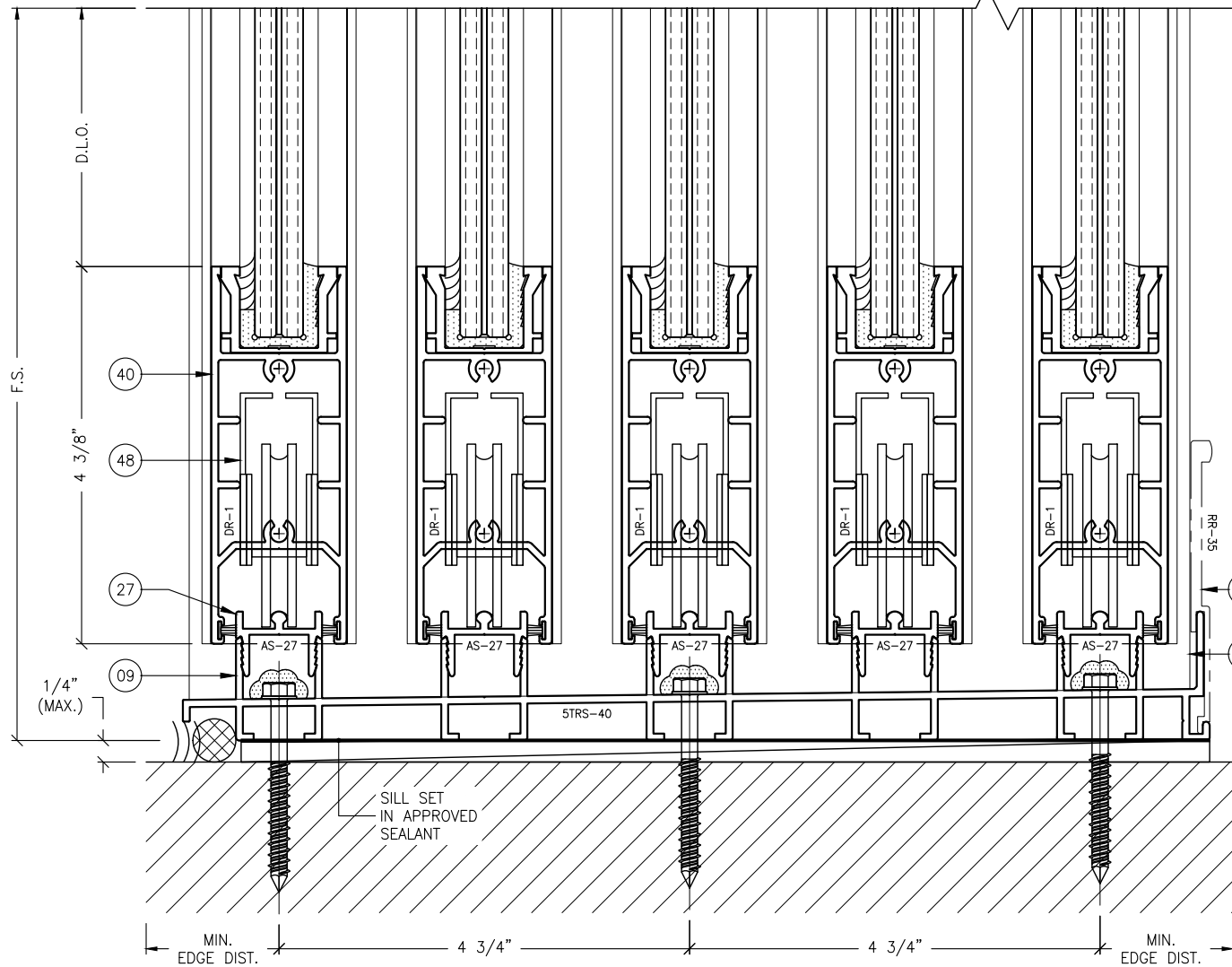
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EXTERIOR

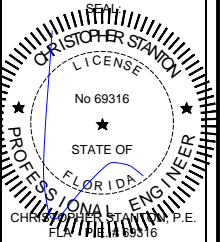


2 SILL DETAIL
5.4 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
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BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

SERIES SGD 1000
SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1
OWNER:
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

CHECKED BY: CS

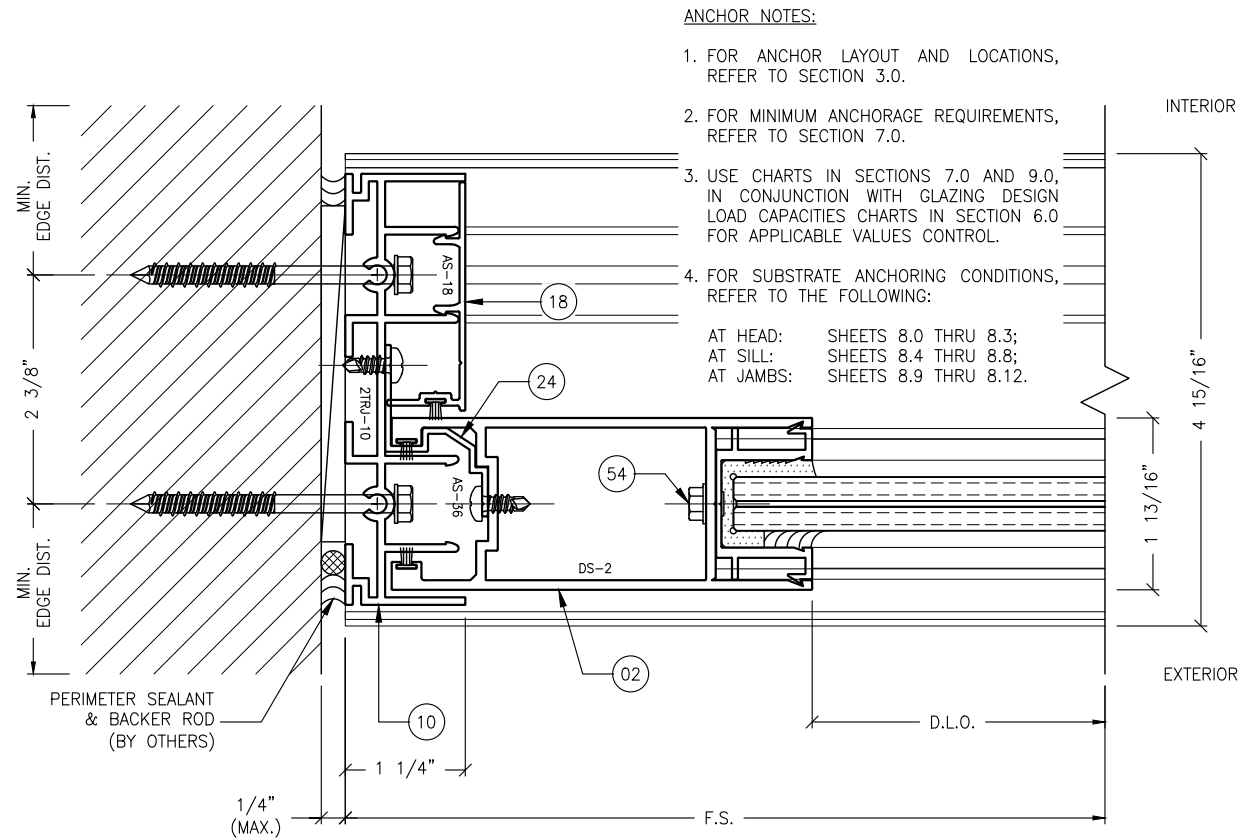
DESCRIPTION
TYPICAL DETAILS

SCALE: 6" = 1'-0" (1:2)

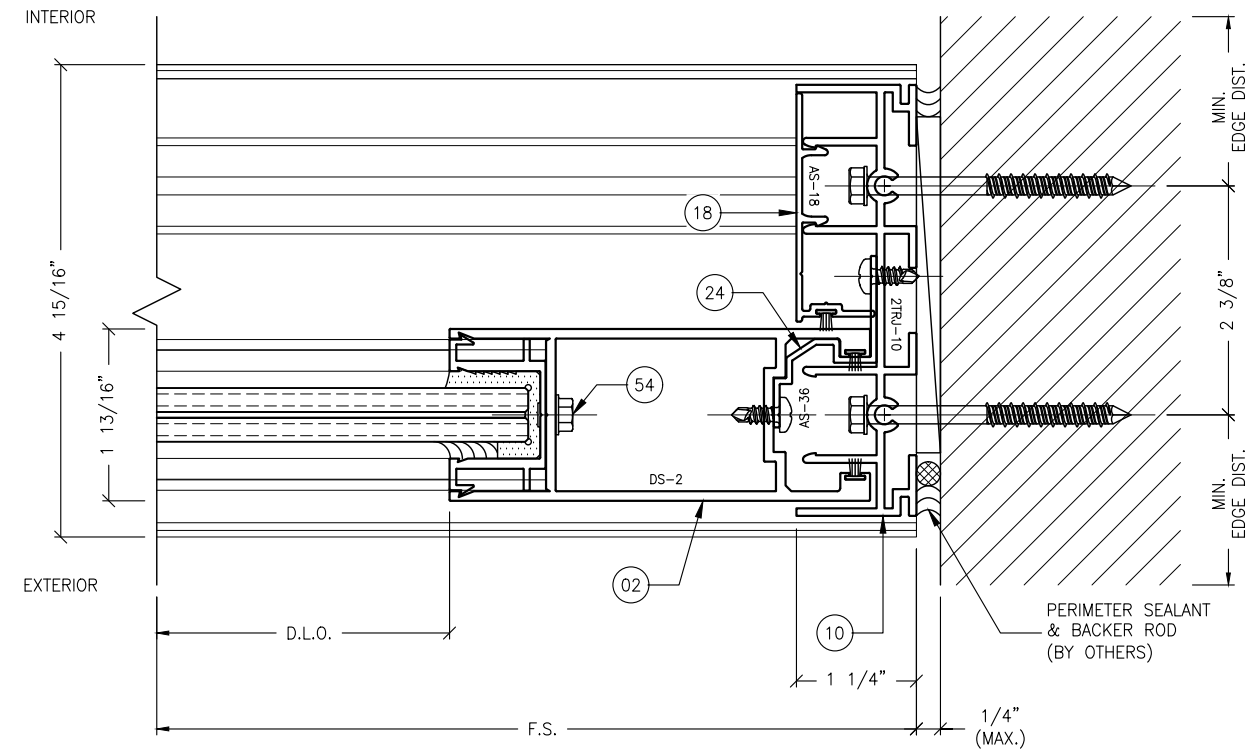
PLOT SIZE: ANSI B (11" X 17")

SHEET NO.

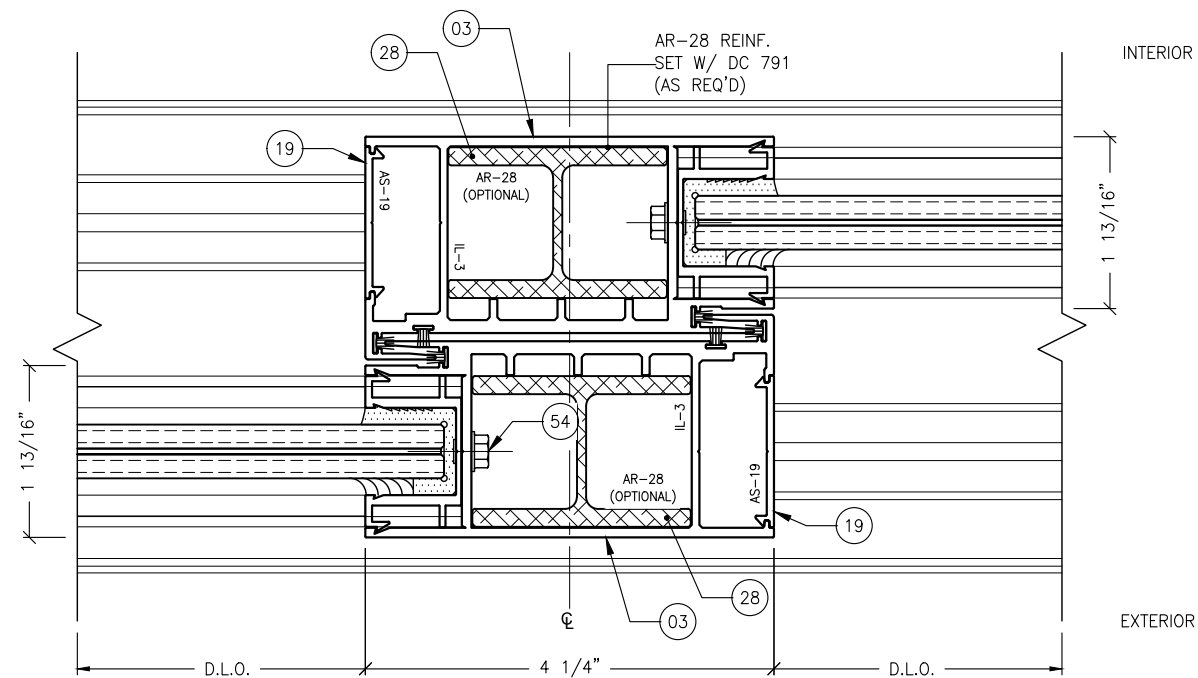
5.4 11 of 42
JOB NO. 0000-00



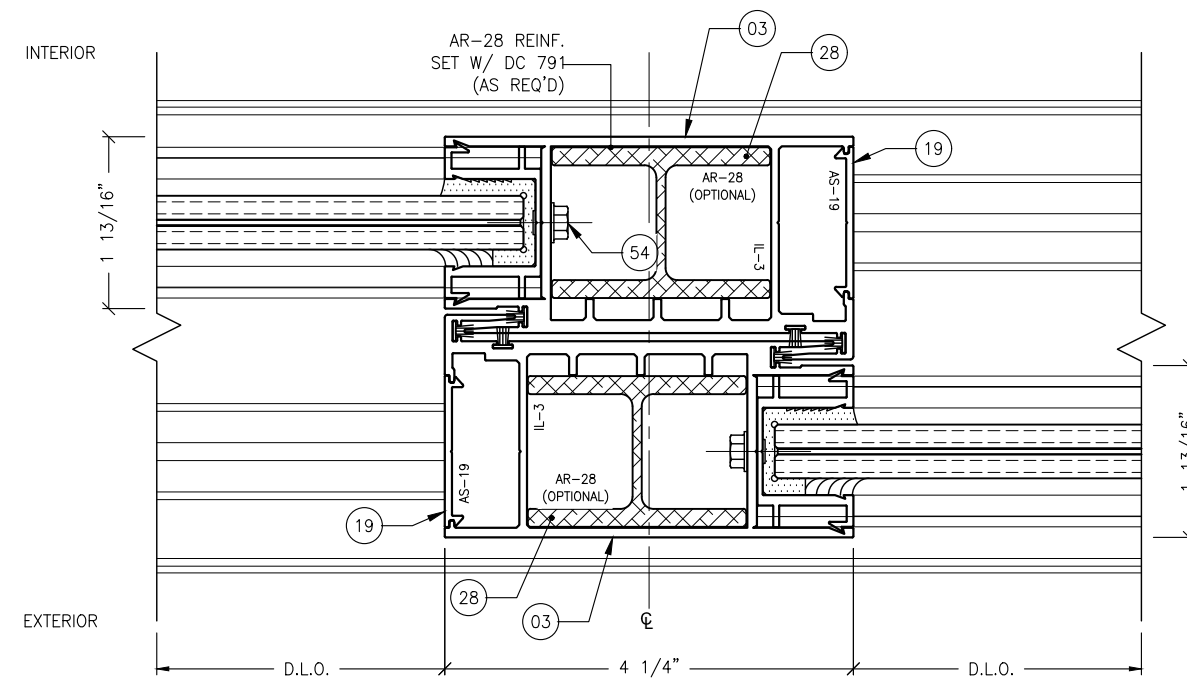
1 JAMB DETAIL
5.5 TYPICAL



4 JAMB DETAIL
5.5 TYPICAL



2 INTERLOCK DETAIL
5.5 TYPICAL

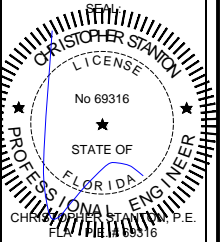


3 INTERLOCK DETAIL
5.5 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
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 TEL: (561) 393-1008
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SERIES SGD 1000
SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1

VELOCITY IMPACT PRODUCTS
 2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
 TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

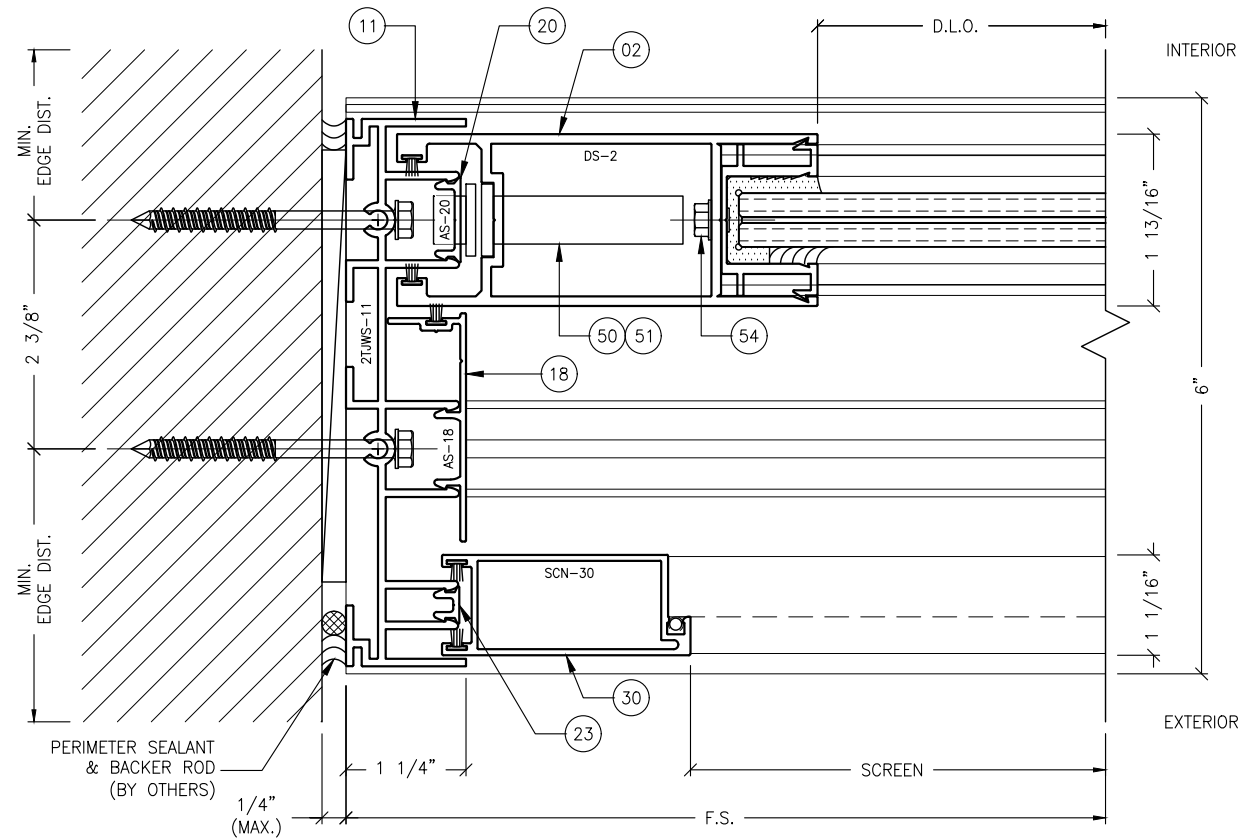
CHECKED BY: CS

DESCRIPTION
TYPICAL DETAILS

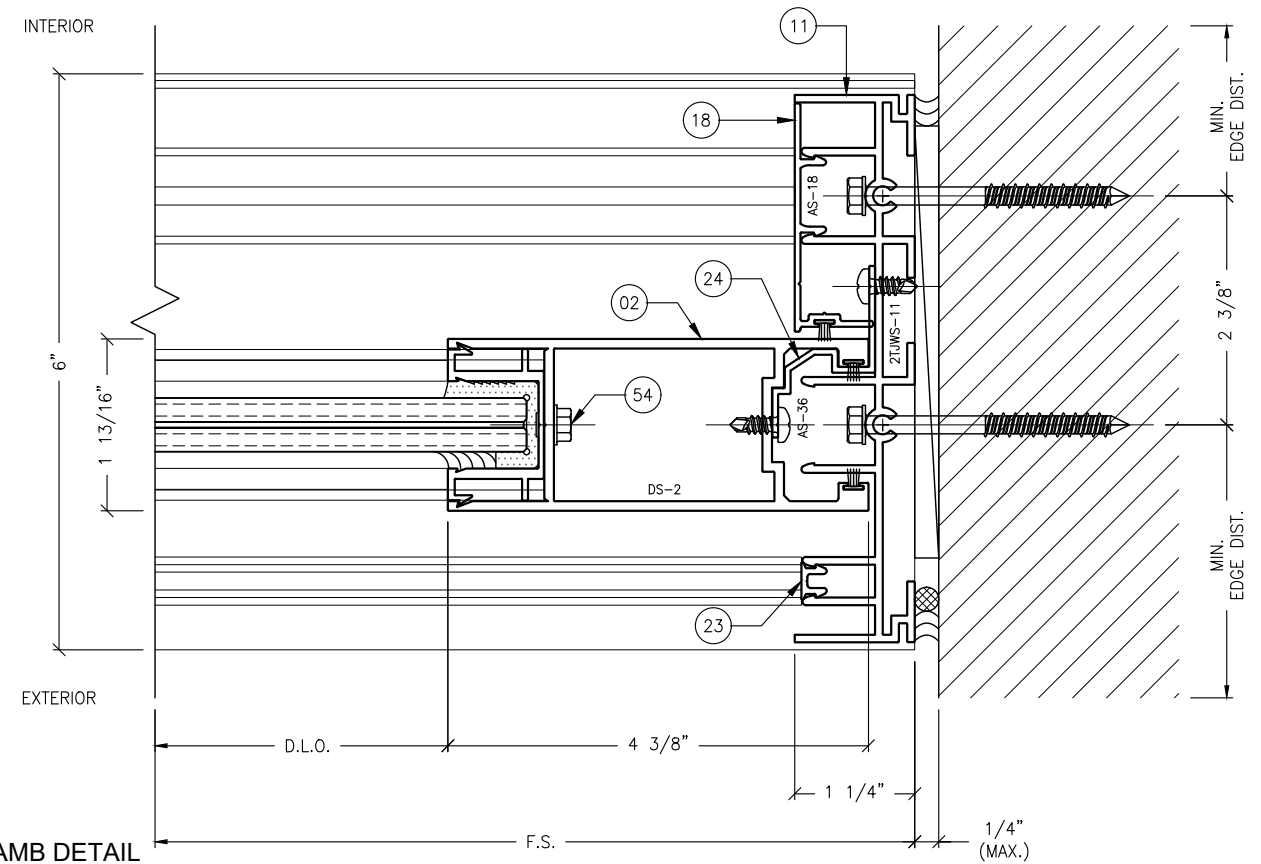
SCALE: 6" = 1'-0" [1:2]

PLOT SIZE: ANSI B (11" X 17")

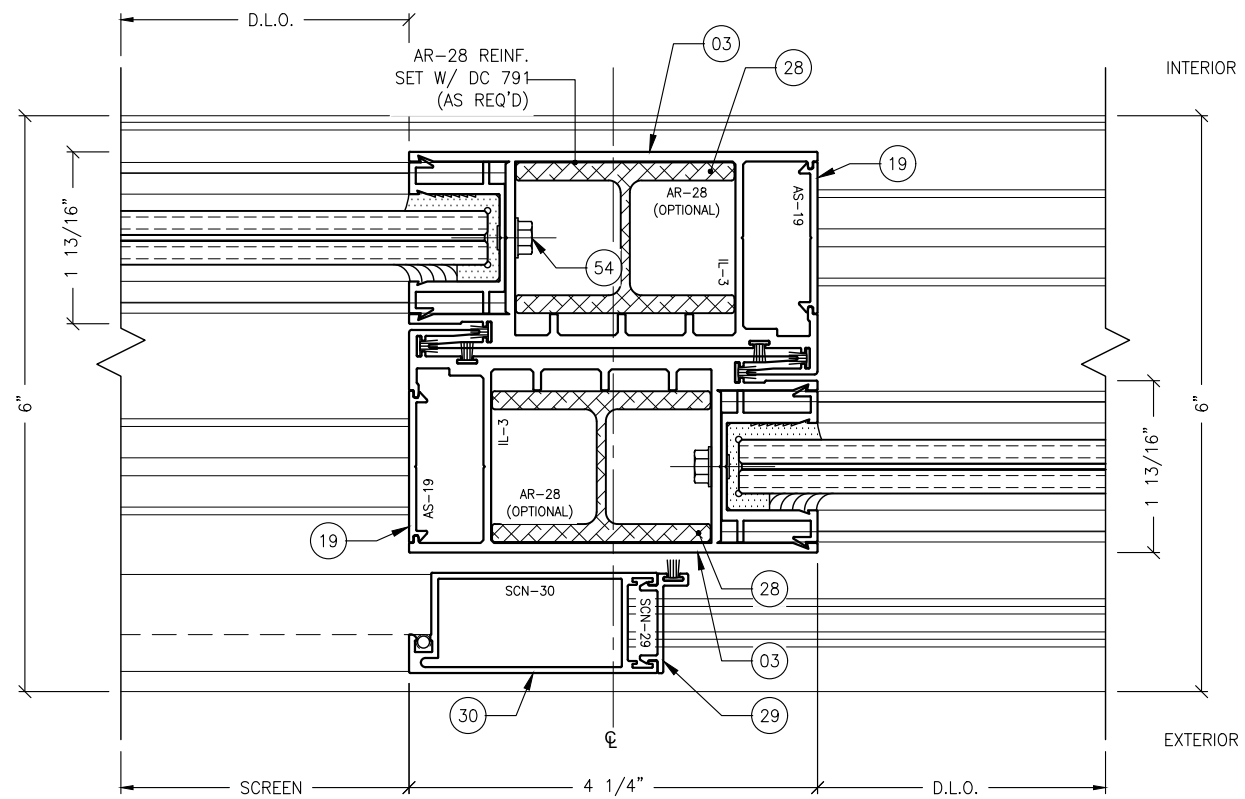
SHEET NO.
5.5 12 of 42
JOB NO. 0000-00



1 JAMB DETAIL
5.6 TYPICAL, W/ SCREEN



3 JAMB DETAIL
5.6 TYPICAL, W/ SCREEN



2 INTERLOCK DETAIL
5.6 TYPICAL, W/ SCREEN

ANCHOR NOTES:

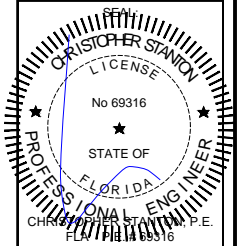
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AT SILL: SHEETS 8.4 THRU 8.8;
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REVISIONS:	NO.	DATE	DESCRIPTION
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2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: VELOCITY
OWNER: VELOCITY IMPACT PRODUCTS
PROJECT APPROVAL FBC (2020/2023): PLF 31650.1
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 425-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

CHECKED BY: CS

DESCRIPTION
TYPICAL DETAILS

SCALE: 6" = 1'-0" [1:2]

PLOT SIZE: ANSI B (11" X 17")

SHEET NO.

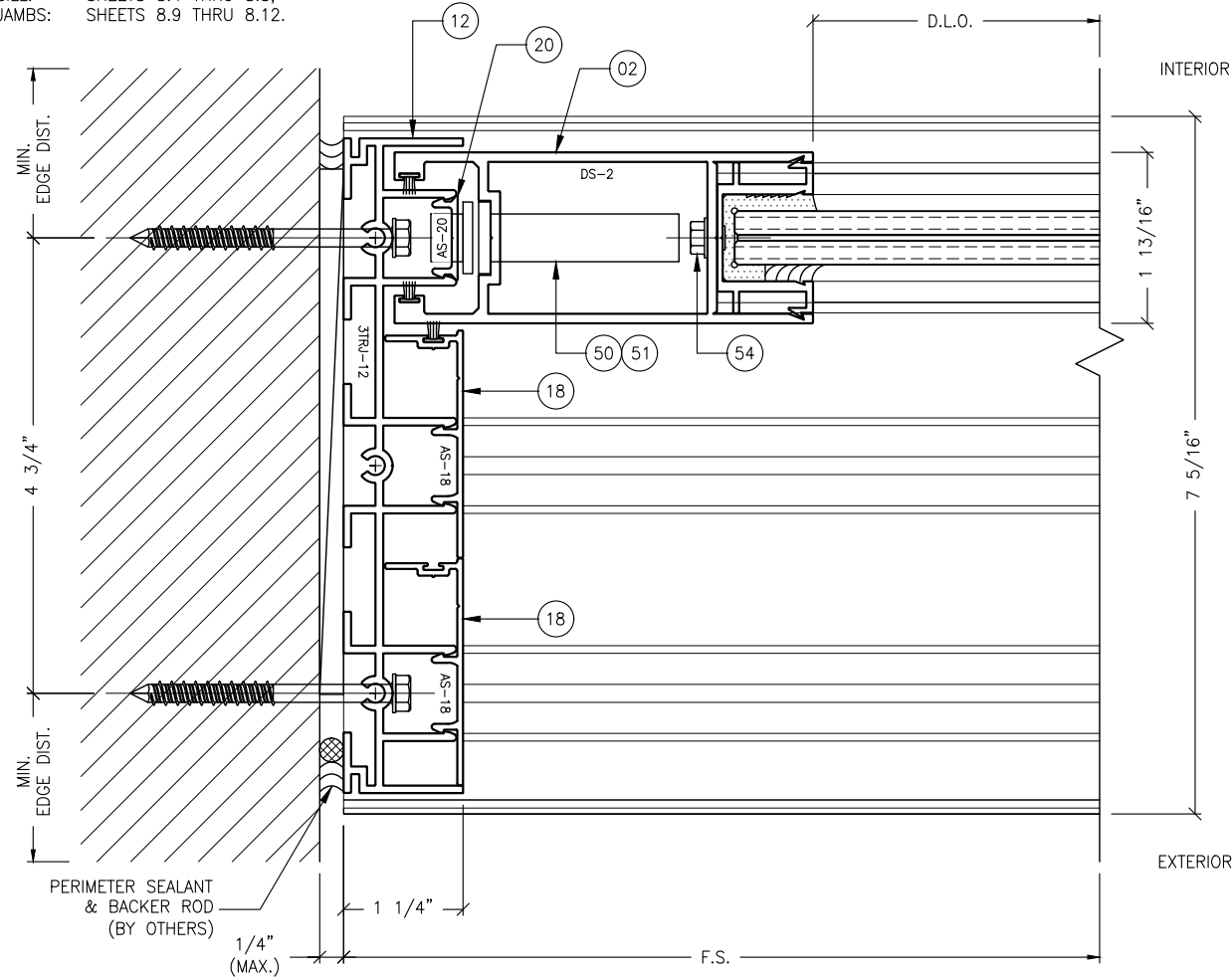
5.6 13 of 42

JOB NO. 0000-00

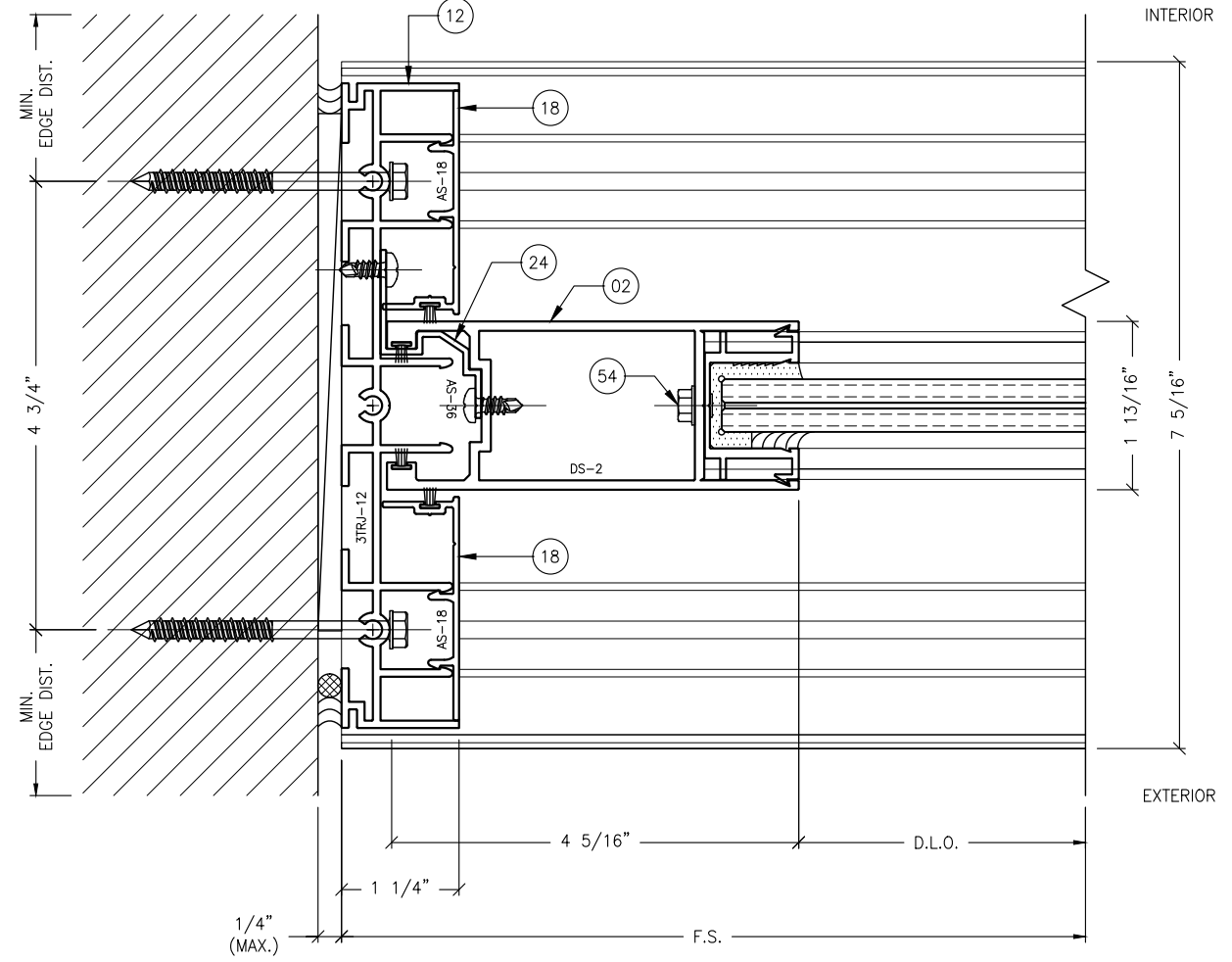
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 AT SILL: SHEETS 8.4 THRU 8.8;
 AT JAMBS: SHEETS 8.9 THRU 8.12.



1 JAMB DETAIL
5.7 TYPICAL

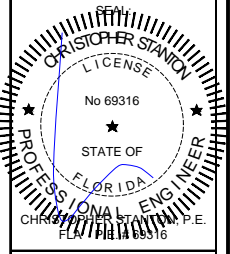


2 JAMB DETAIL
5.7 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
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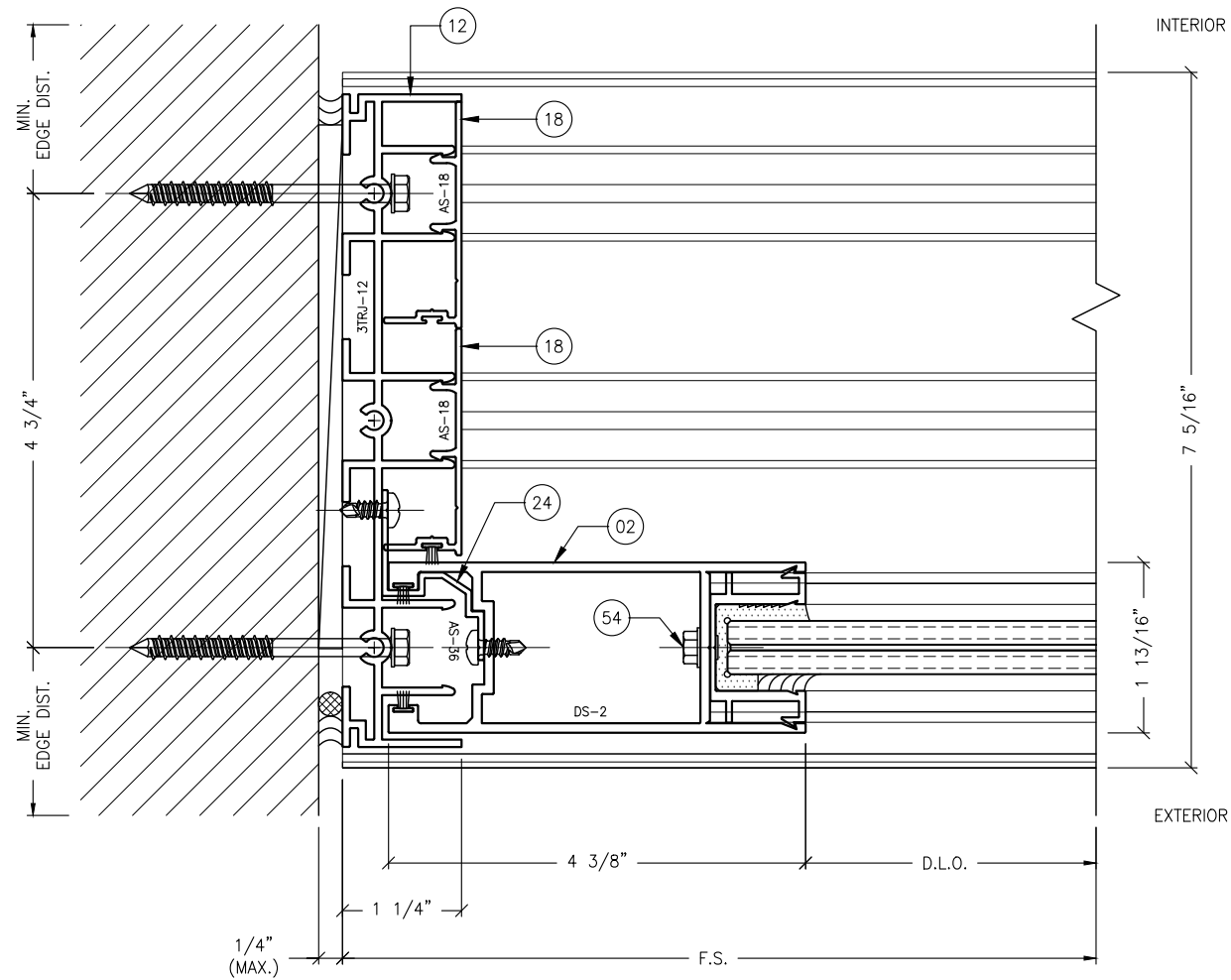
STANTON ENGINEERING, INC.
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 2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
 BOCA RATON, FLORIDA 33431
 TEL: (561) 393-1008
 FAX: (561) 393-1008

PROJECT: SERIES SGD 1000
OWNER: VELOCITY IMPACT PRODUCTS
 SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
 2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
 TEL: (561) 425-5740 NET: www.velocityimpactproducts.com

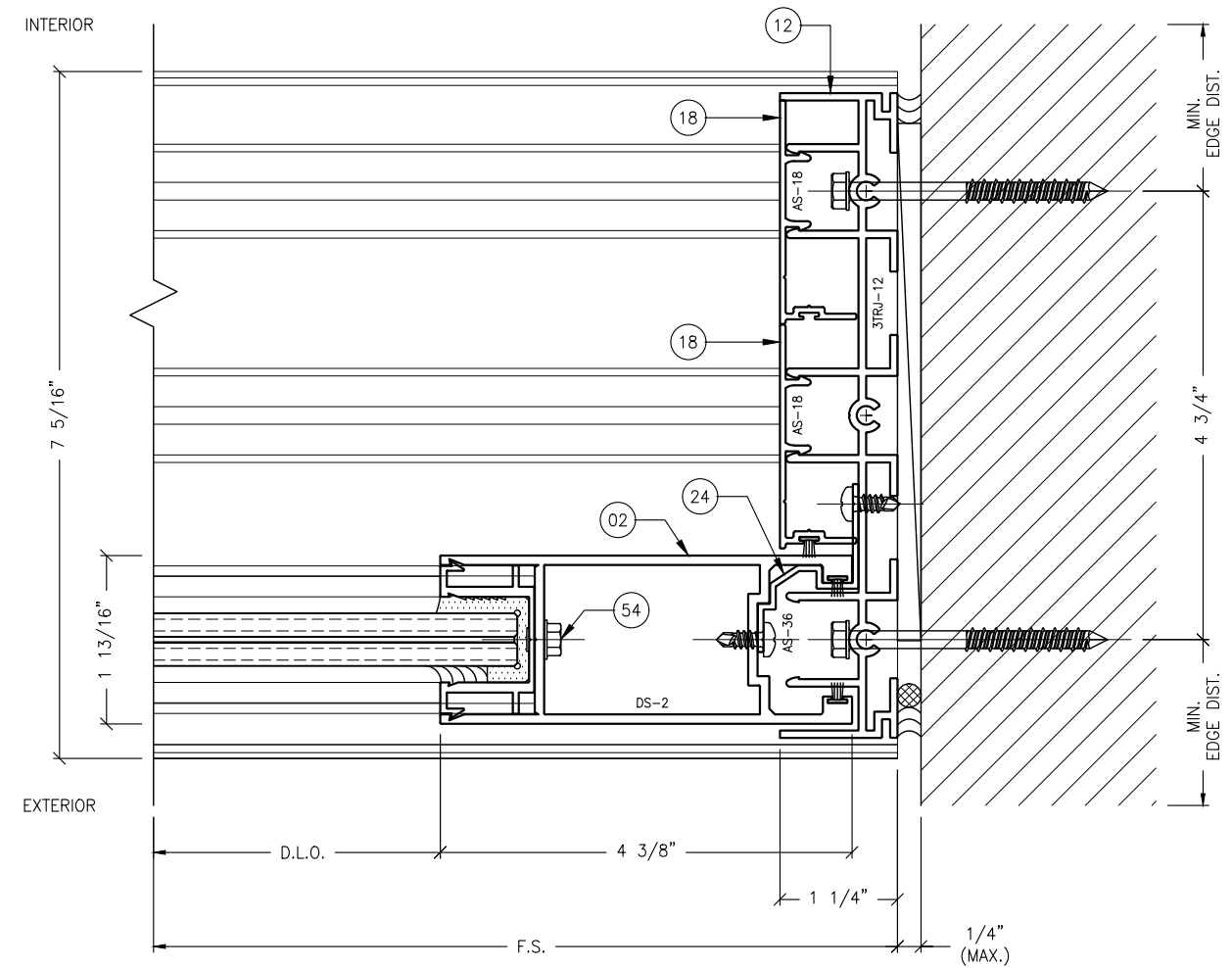
SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	TYPICAL DETAILS
SCALE:	6" = 1'-0" [1:2]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	5.7
	14 of 42
	JOB NO. 0000-00

ANCHOR NOTES:

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 AT SILL: SHEETS 8.4 THRU 8.8;
 AT JAMBS: SHEETS 8.9 THRU 8.12.



1 JAMB DETAIL
5.8 TYPICAL

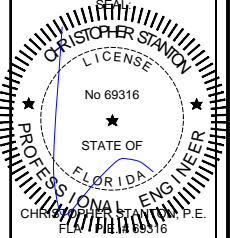


2 JAMB DETAIL
5.8 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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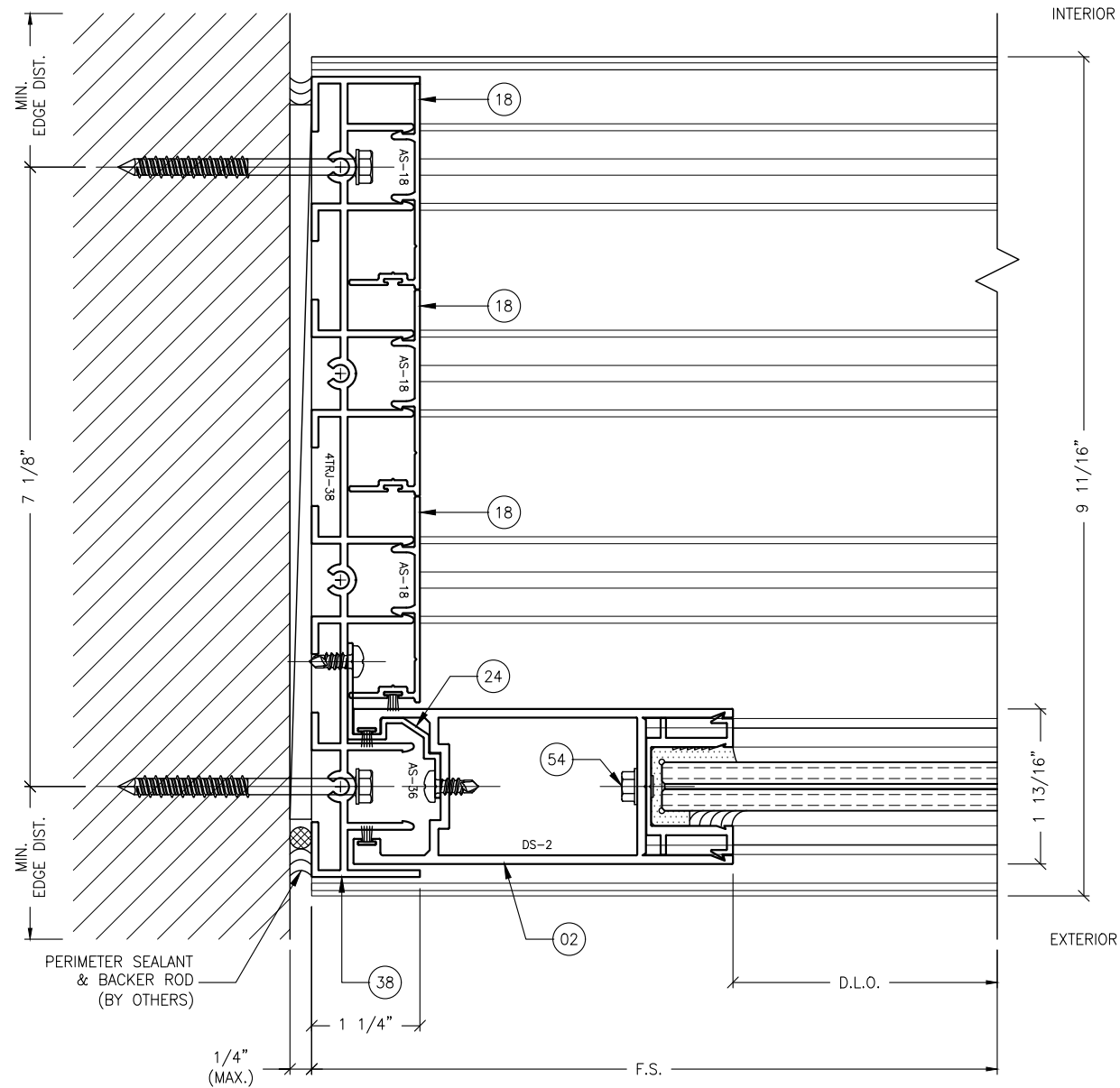
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
 2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
 BOCA RATON, FLORIDA 33431
 TEL: (561) 393-1003
 FAX: (561) 393-1008

PROJECT: SERIES SGD 1000
OWNER: SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): PLF 3-1650-1
VELOCITY IMPACT PRODUCTS
 2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
 TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

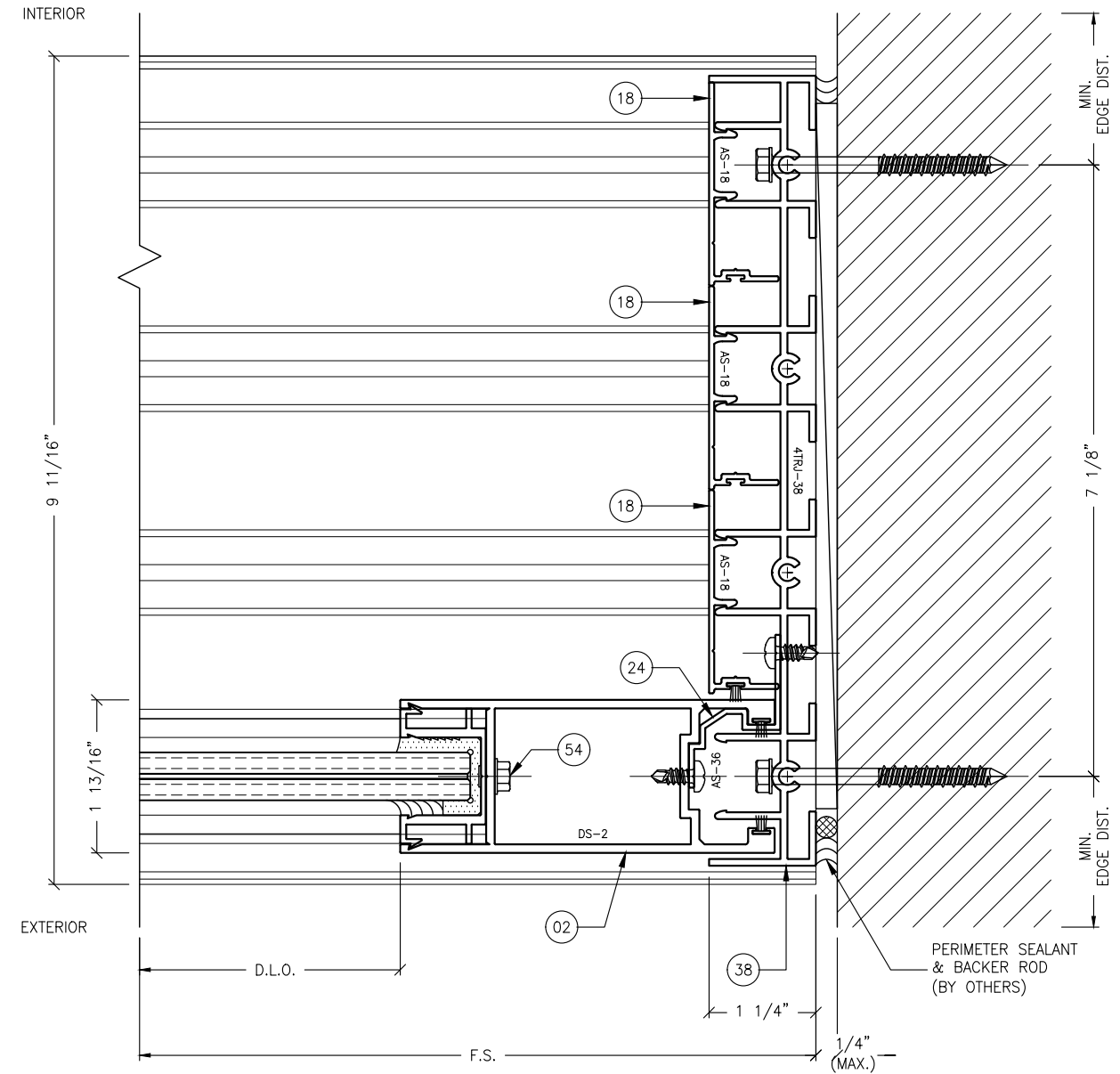
SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	TYPICAL DETAILS
SCALE:	6" = 1'-0" [1:2]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	5.8
	15 of 42
	JOB NO. 0000-00

ANCHOR NOTES:

- FOR ANCHOR LAYOUT AND LOCATIONS, REFER TO SECTION 3.0.
- FOR MINIMUM ANCHORAGE REQUIREMENTS, REFER TO SECTION 7.0.
- USE CHARTS IN SECTIONS 7.0 AND 9.0, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.
- FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:
 AT HEAD: SHEETS 8.0 THRU 8.3;
 AT SILL: SHEETS 8.4 THRU 8.8;
 AT JAMBS: SHEETS 8.9 THRU 8.12.



1 JAMB DETAIL
5.9 TYPICAL

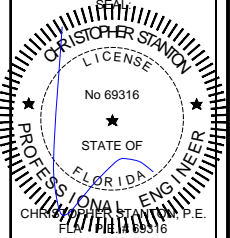


2 JAMB DETAIL
5.9 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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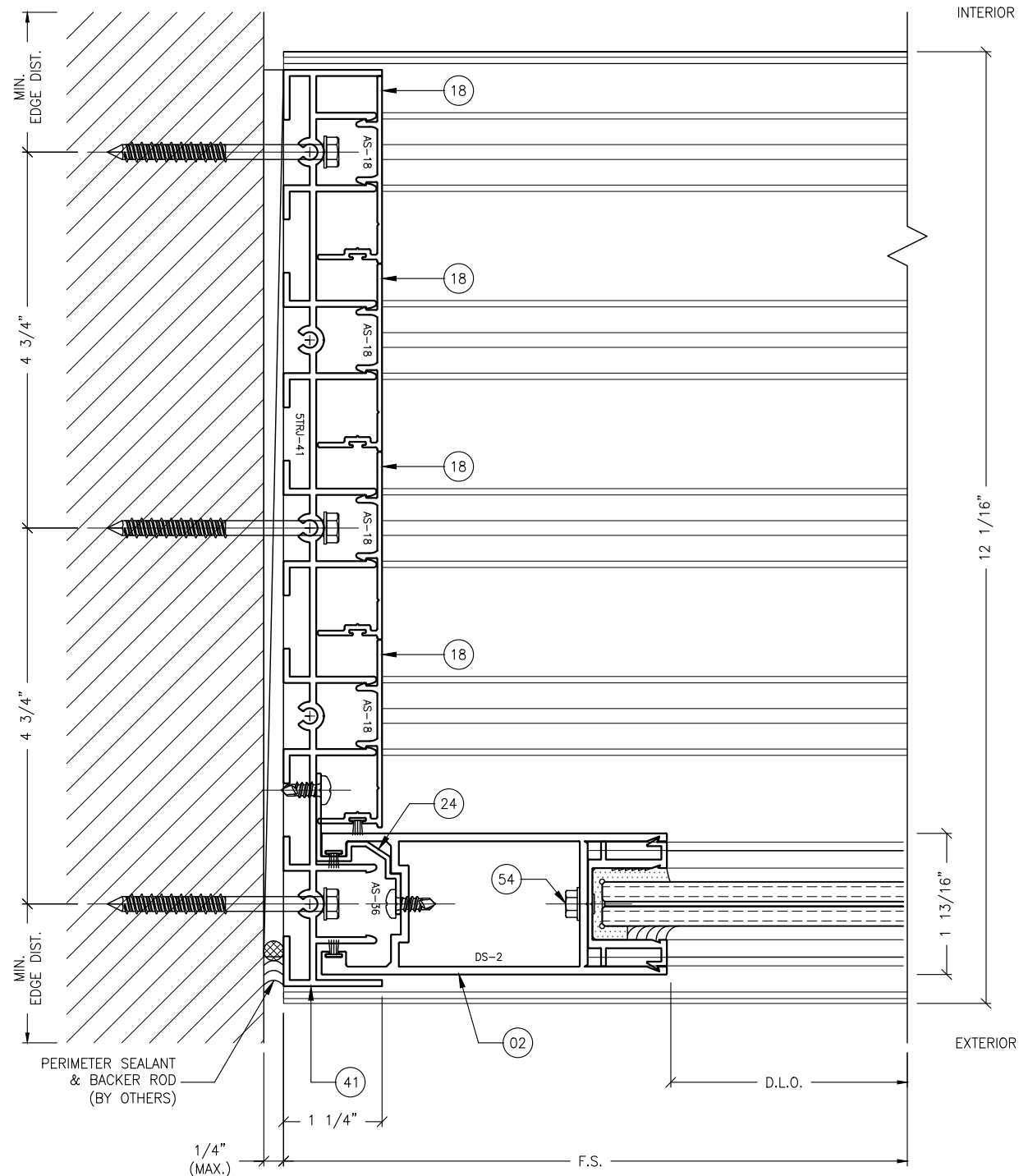
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
 2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
 BOCA RATON, FLORIDA 33431
 TEL: (561) 393-1008
 FAX: (561) 393-1008

PROJECT: SERIES SGD 1000
OWNER: VELOCITY IMPACT PRODUCTS
 SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1
 2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
 TEL: (561) 425-5740 NET: www.velocityimpactproducts.com

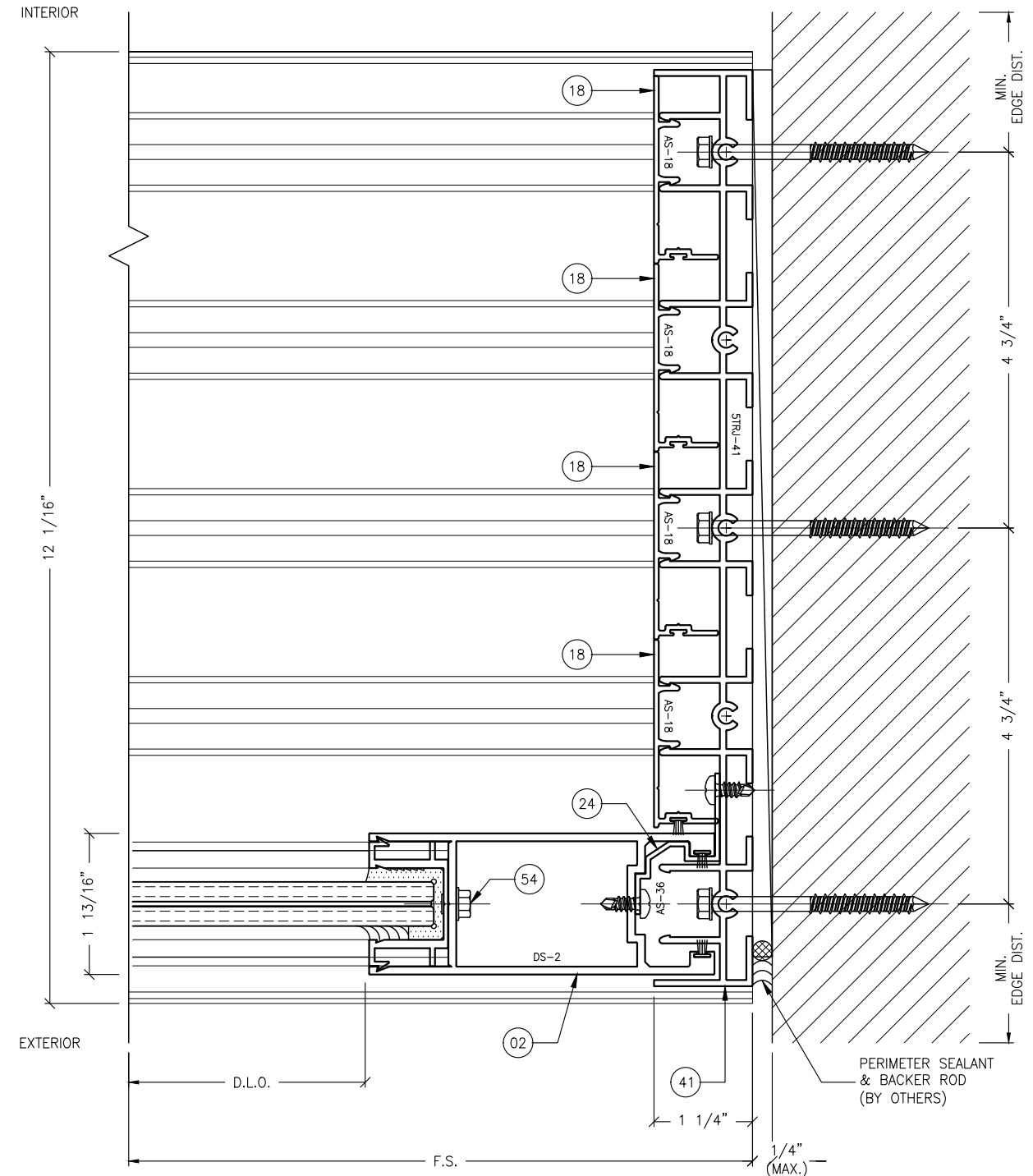
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DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	TYPICAL DETAILS
SCALE:	6" = 1'-0" [1:2]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	5.9
	16 of 42
JOB NO.	0000-00

ANCHOR NOTES:

- FOR ANCHOR LAYOUT AND LOCATIONS, REFER TO SECTION 3.0.
- FOR MINIMUM ANCHORAGE REQUIREMENTS, REFER TO SECTION 7.0.
- USE CHARTS IN SECTIONS 7.0 AND 9.0, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.
- FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:
 AT HEAD: SHEETS 8.0 THRU 8.3;
 AT SILL: SHEETS 8.4 THRU 8.8;
 AT JAMBS: SHEETS 8.9 THRU 8.12.



1 JAMB DETAIL
5.10 TYPICAL

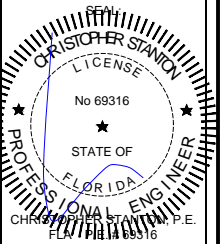


2 JAMB DETAIL
5.10 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
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	4		

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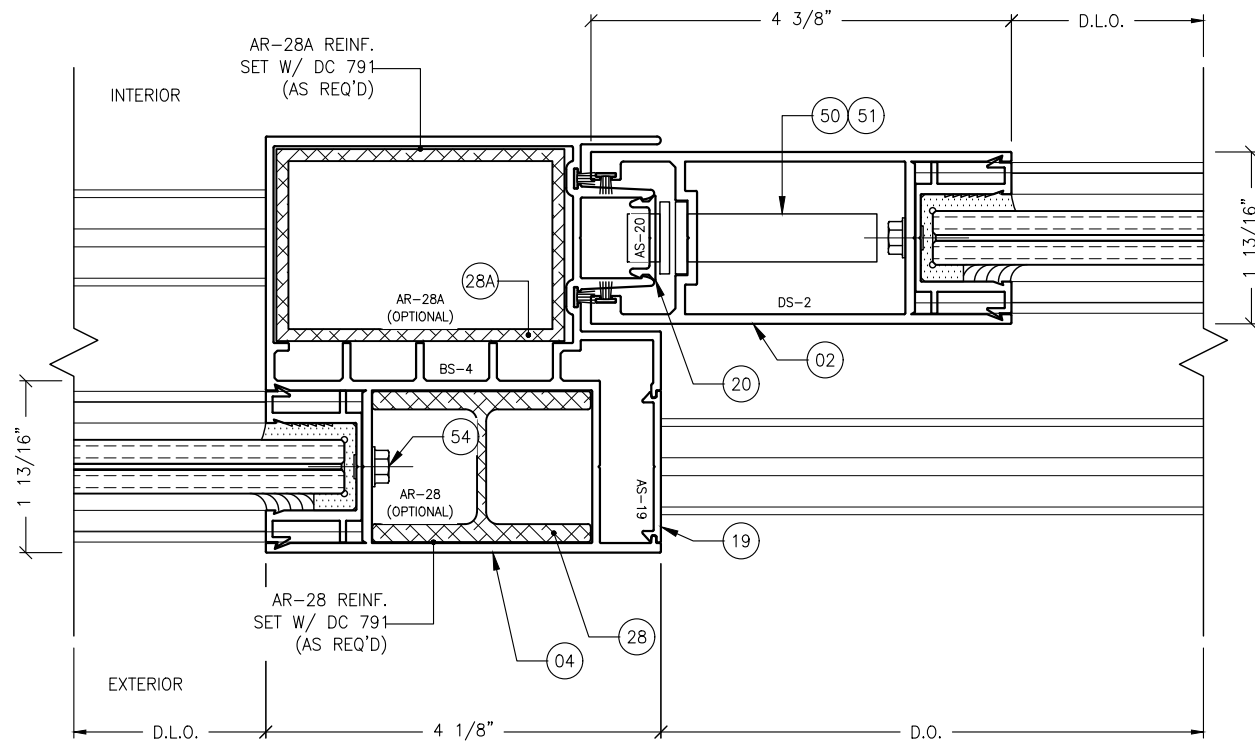
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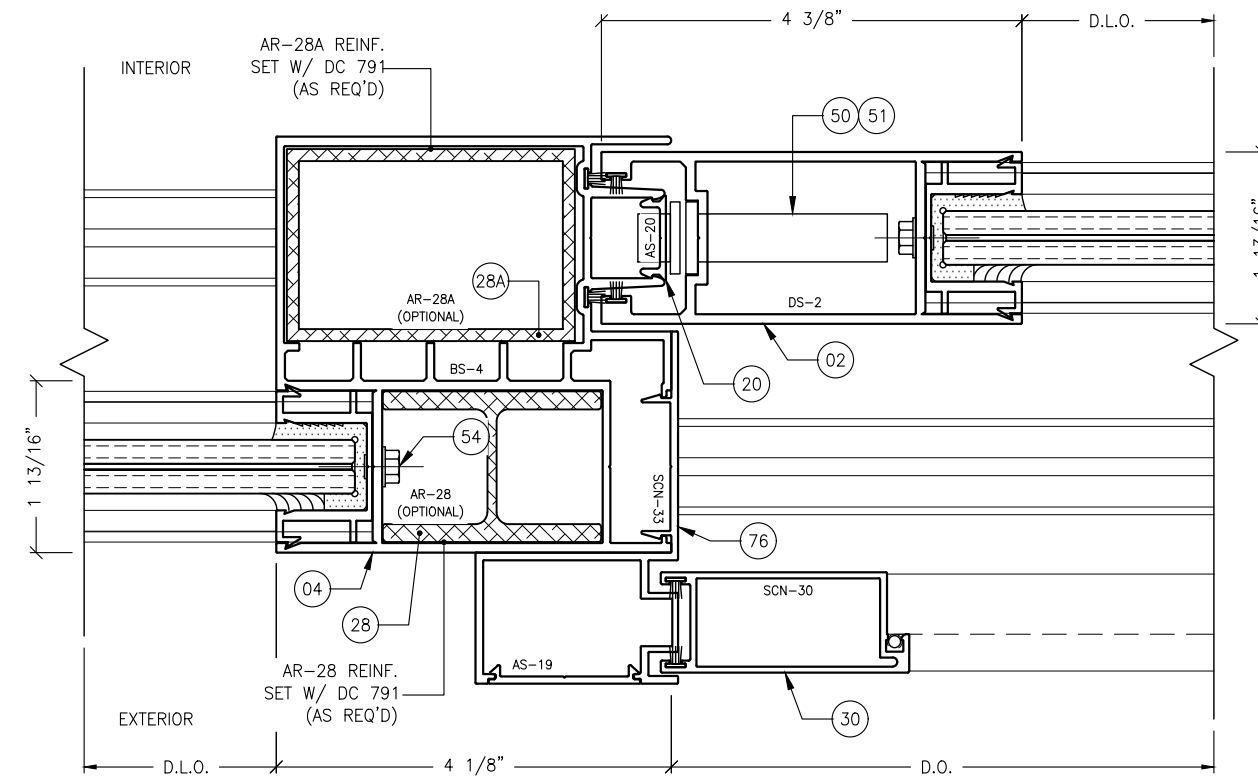
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
 2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
 BOCA RATON, FLORIDA 33431
 TEL: (561) 395-1003
 FAX: (561) 395-1008

PROJECT: SERIES SGD 1000
OWNER: VELOCITY IMPACT PRODUCTS
 SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1
 2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
 TEL: (561) 4285740 NET: www.velocityimpactproducts.com

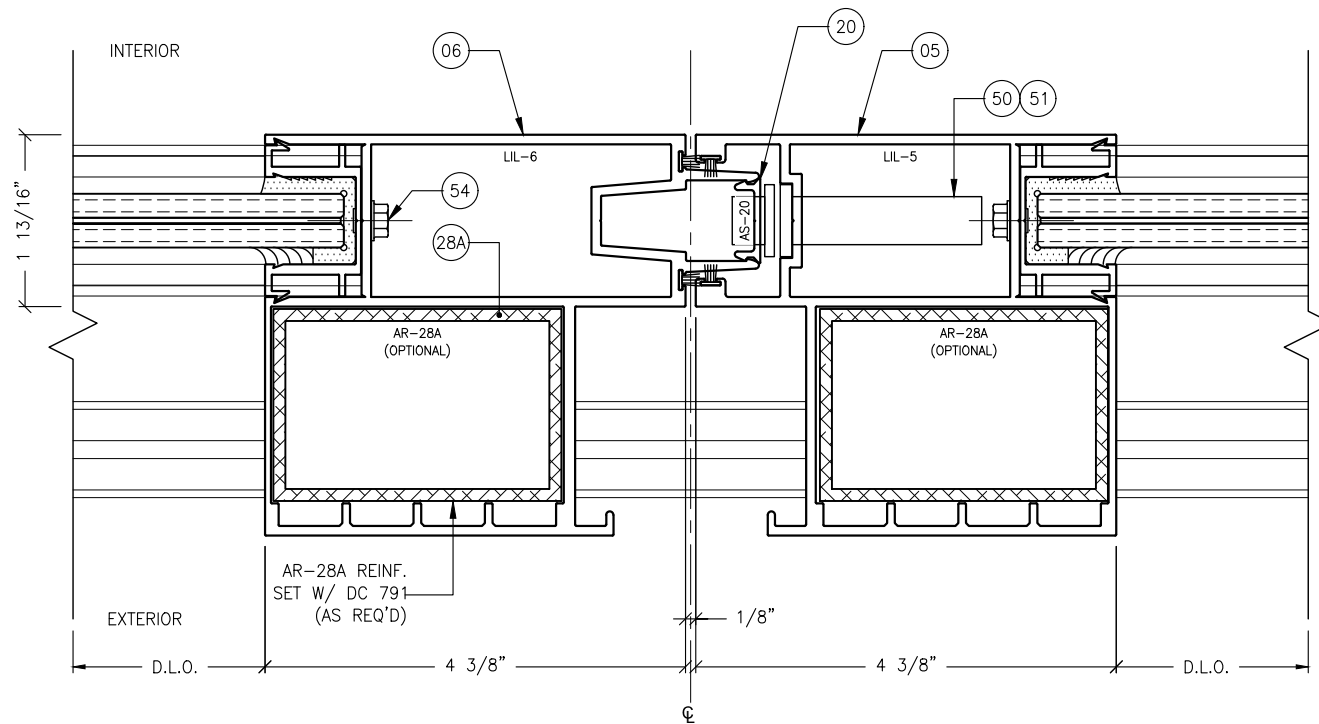
SUBMIT DATE: 01APR2019
 DRAWN BY: KJT
 CHECKED BY: CS
 DESCRIPTION: TYPICAL DETAILS
 SCALE: 6" = 1'-0" [1:2]
 PLOT SIZE: ANSI B (11" X 17")
 SHEET NO.: 5.10
 17 of 42
 JOB NO. 0000-00



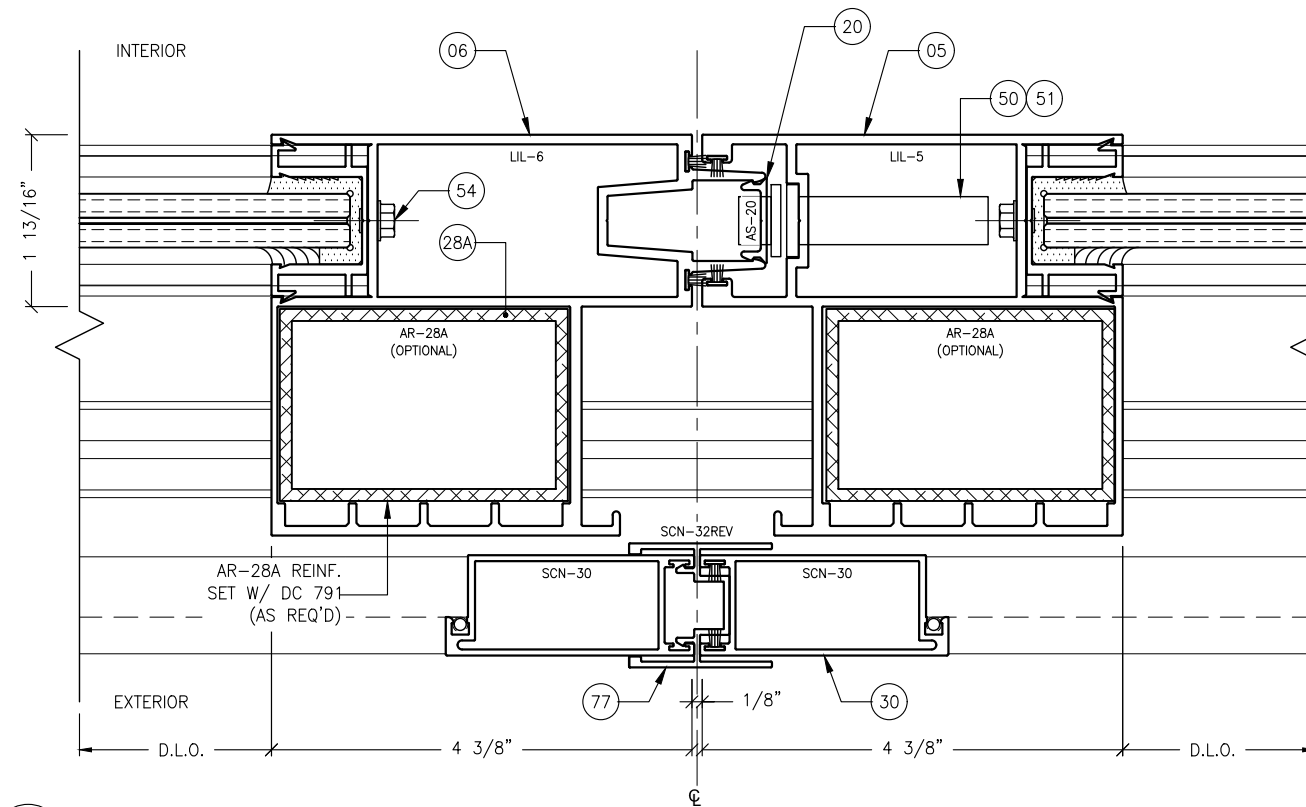
1
5.11 OFFSET MEETING STILE DETAIL TYPICAL



2
5.11 OFFSET MEETING STILE DETAIL TYPICAL W/ SCREEN



3
5.11 MEETING STILE DETAIL TYPICAL

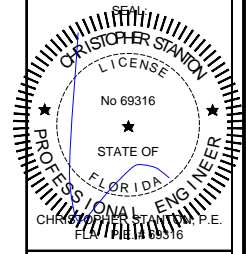


4
5.11 MEETING STILE DETAIL TYPICAL W/ SCREEN

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES

2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: OWNER:
SERIES SGD 1000 SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1

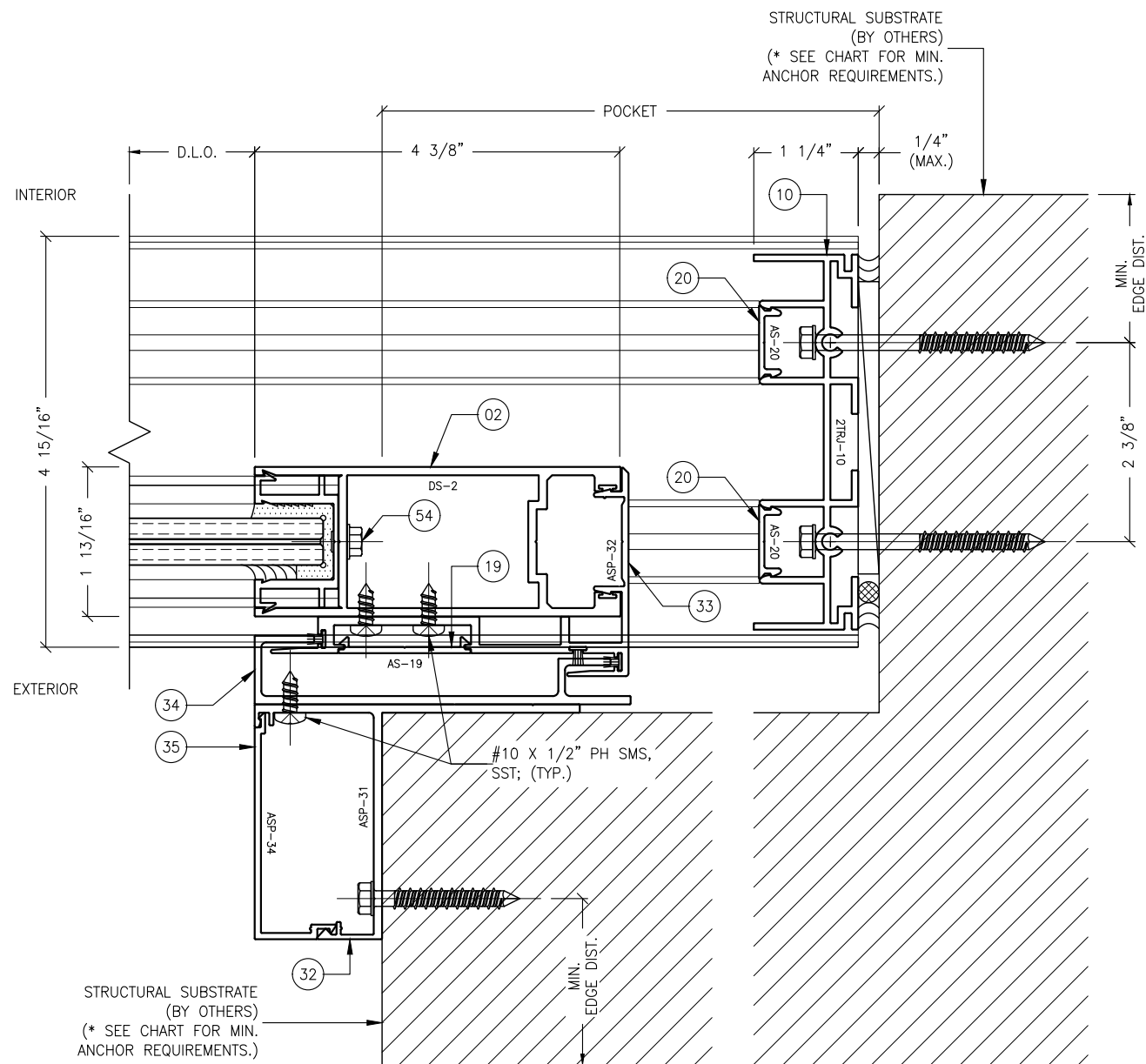
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 425-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019
DRAWN BY: KJT
CHECKED BY: CS

DESCRIPTION
TYPICAL DETAILS

SCALE: 6" = 1'-0" (1:2)
PLOT SIZE: ANSI B (11" X 17")

SHEET NO.
5.11 18 of 42
JOB NO. 0000-00

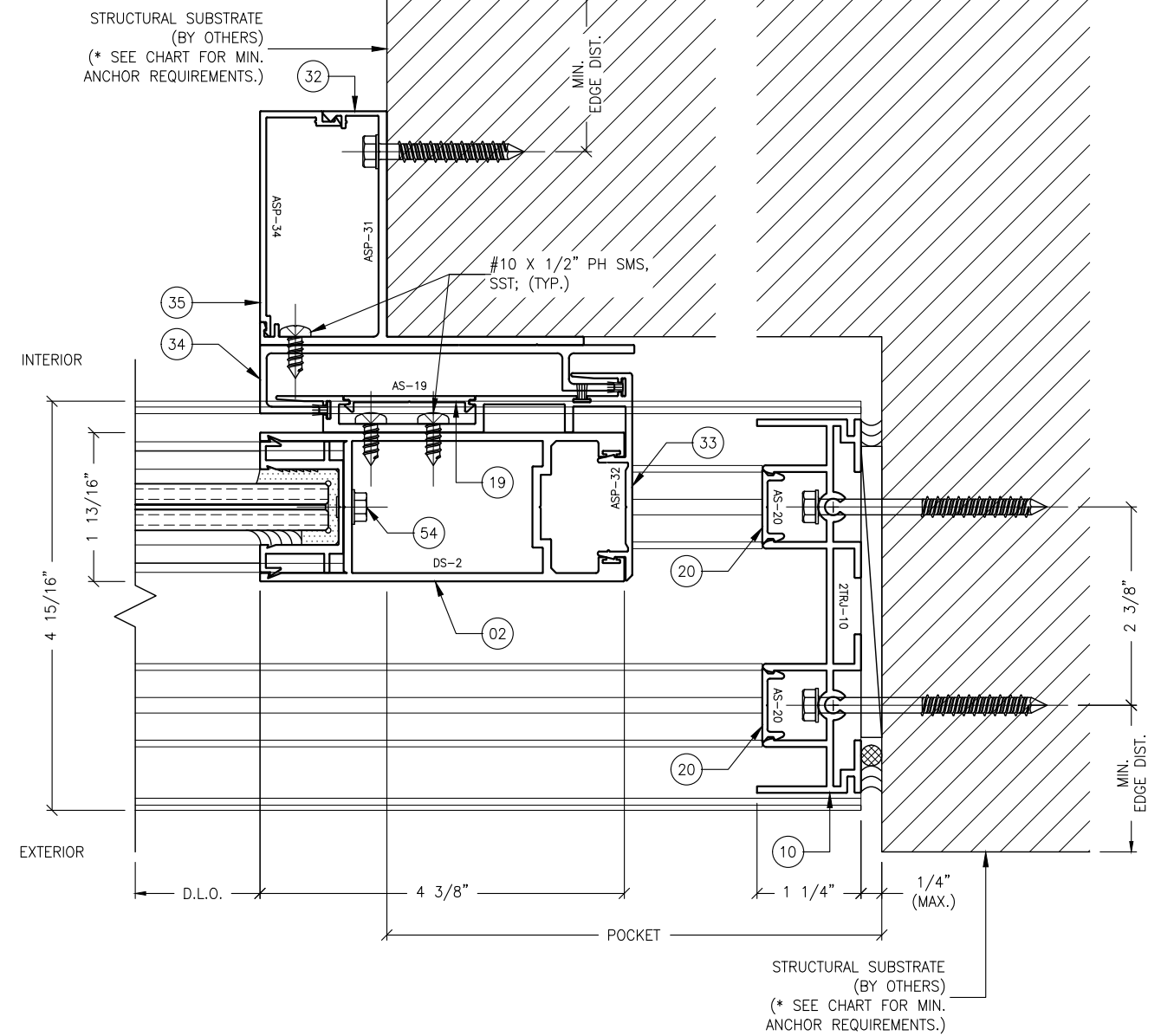


ANCHOR NOTES:

1. FOR ANCHOR LAYOUT AND LOCATIONS, REFER TO SECTION 3.0.
2. FOR MINIMUM ANCHORAGE REQUIREMENTS, REFER TO SECTION 7.0.
3. USE CHARTS IN SECTIONS 7.0 AND 9.0, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.
4. FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:

AT HEAD: SHEETS 8.0 THRU 8.3;
 AT SILL: SHEETS 8.4 THRU 8.8;
 AT JAMBS: SHEETS 8.9 THRU 8.12.

1 INTERIOR
5.12 POCKET JAMB DETAIL
 TYPICAL

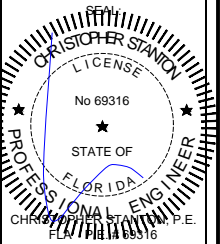


2 EXTERIOR
5.12 POCKET JAMB DETAIL
 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		
	5		

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 2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
 BOCA RATON, FLORIDA 33431
 TEL: (561) 393-1008
 FAX: (561) 393-1003

PROJECT: SERIES SGD 1000
OWNER: VELOCITY IMPACT PRODUCTS
 SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1
 2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
 TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

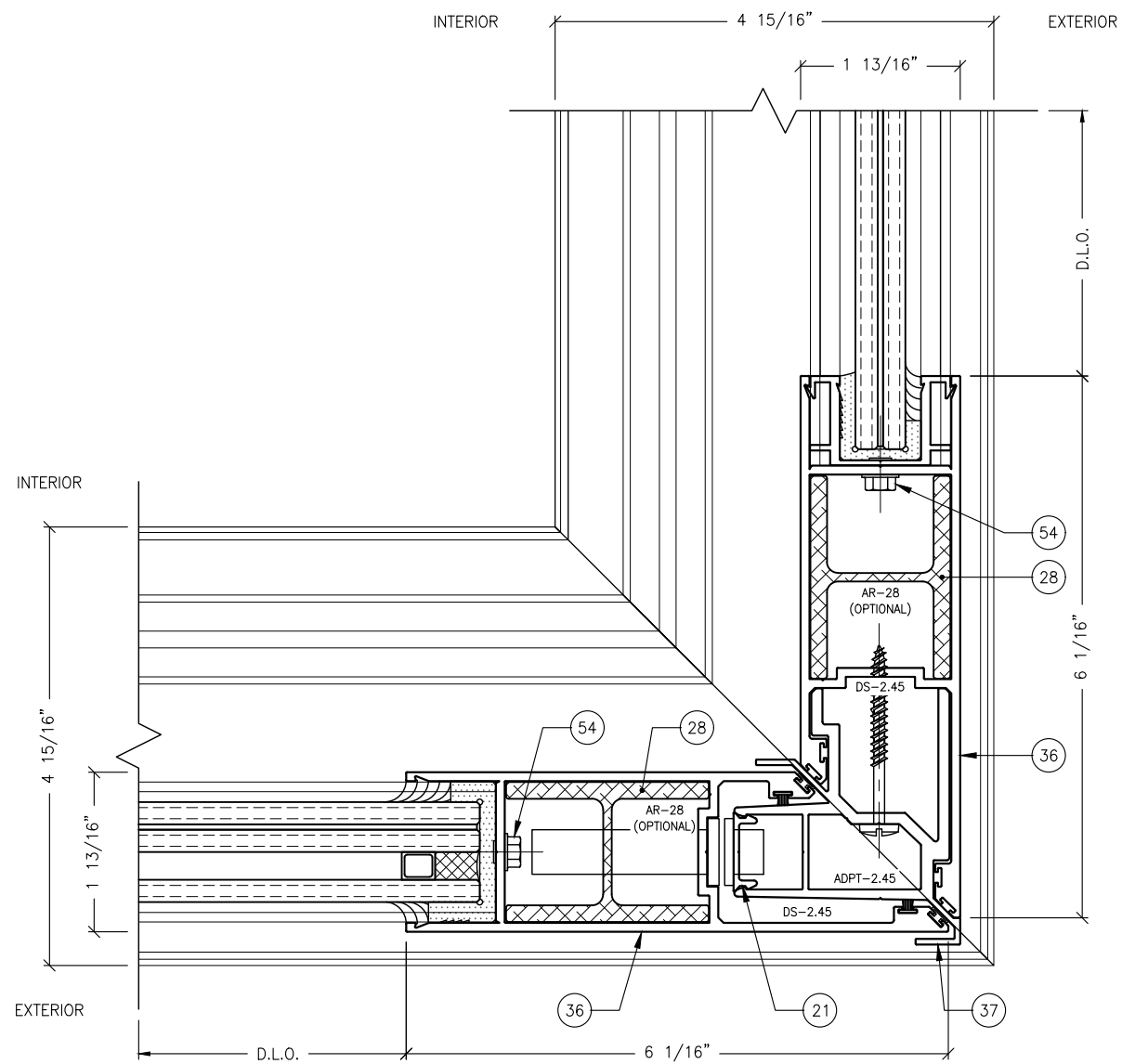
CHECKED BY: CS

DESCRIPTION
 TYPICAL DETAILS

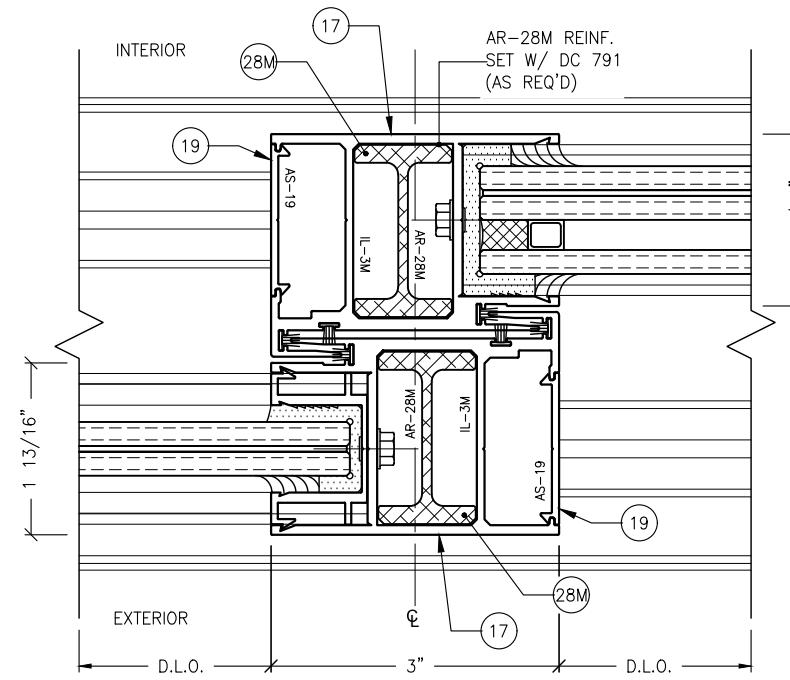
SCALE: 6" = 1'-0" [1:2]

PLOT SIZE: ANSI B (11" X 17")

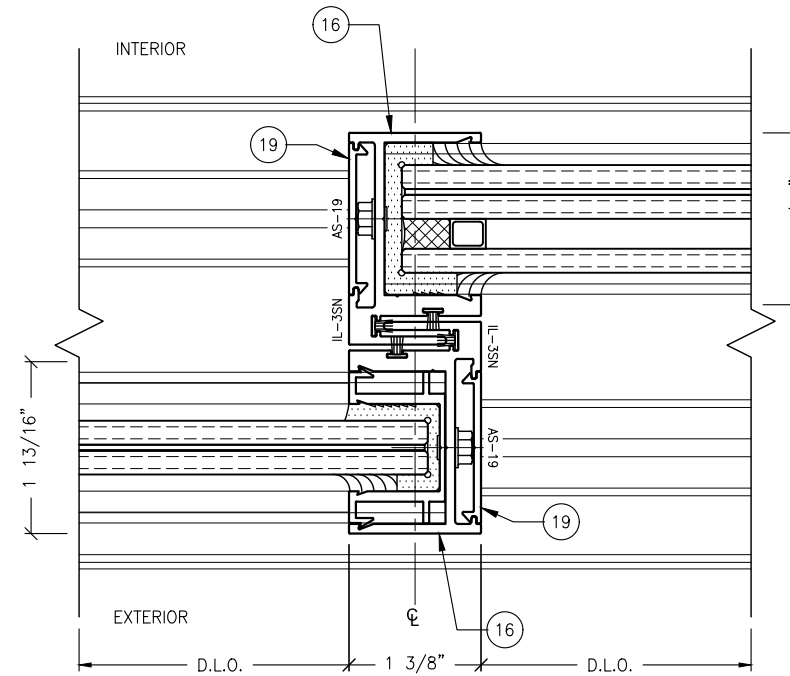
SHEET NO.
5.12 19 of 42
 JOB NO. 0000-00



1 CORNER DETAIL
5.13 TYPICAL



2 NARROW INTERLOCK DETAIL
5.13 ALTERNATE



3 SUPER NARROW INTERLOCK DETAIL
5.13 ALTERNATE

ANCHOR NOTES:

1. FOR ANCHOR LAYOUT AND LOCATIONS, REFER TO SECTION 3.0.
2. FOR MINIMUM ANCHORAGE REQUIREMENTS, REFER TO SECTION 7.0.
3. USE CHARTS IN SECTIONS 7.0 AND 9.0, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.
4. FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:
AT HEAD: SHEETS 8.0 THRU 8.3;
AT SILL: SHEETS 8.4 THRU 8.8;
AT JAMBS: SHEETS 8.9 THRU 8.12.

PANEL DESIGN PRESSURE NOTES:
(FOR NARROW INTERLOCK STILES ONLY.)

MAXIMUM PANEL SIZE:

60" X 120" -70.0 PSF/+70.0 PSF

PANEL DESIGN PRESSURE NOTES:
(FOR SUPER NARROW INTERLOCK STILES ONLY.)

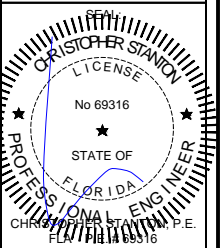
MAXIMUM PANEL SIZE:

60" X 120" -65.0 PSF/+65.0 PSF

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES

2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SERIES SGD 1000
OWNER: SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1

VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 425-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

CHECKED BY: CS

DESCRIPTION
TYPICAL DETAILS

SCALE: 6" = 1'-0" [1:2]

PLOT SIZE: ANSI B (11" X 17")

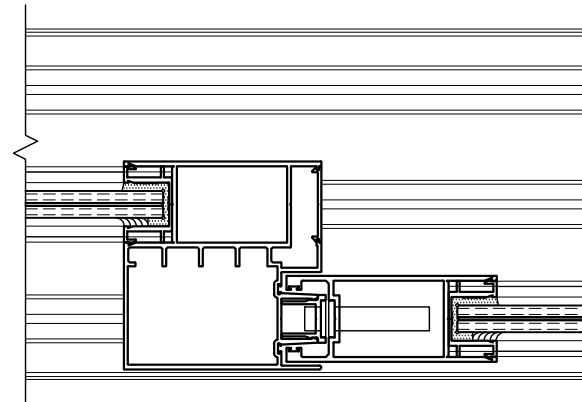
SHEET NO.

5.13 20 of 42

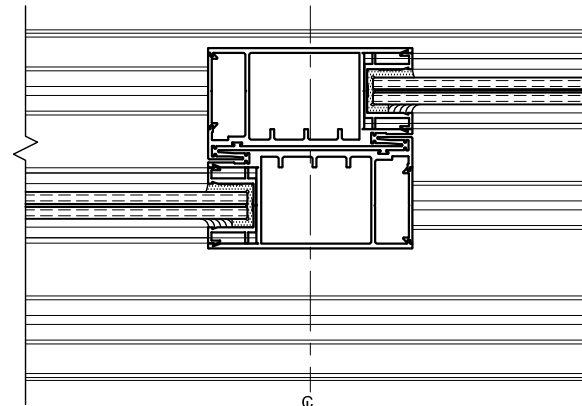
JOB NO. 0000-00

GLAZING NOTES:

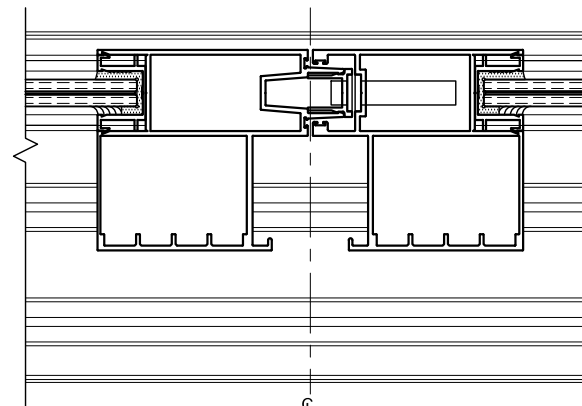
1. USE THIS CHART IN CONJUNCTION WITH GLAZING TYPES ILLUSTRATED IN SECTION 9.0 FOR GLASS MAKE-UP COMPOSITION.
2. APPLIED WITHOUT REINFORCEMENT.



1
6.1 OFFSET MEETING STILE
W/O REINFORCEMENT



2
6.1 INTERLOCK STILE
W/O REINFORCEMENT



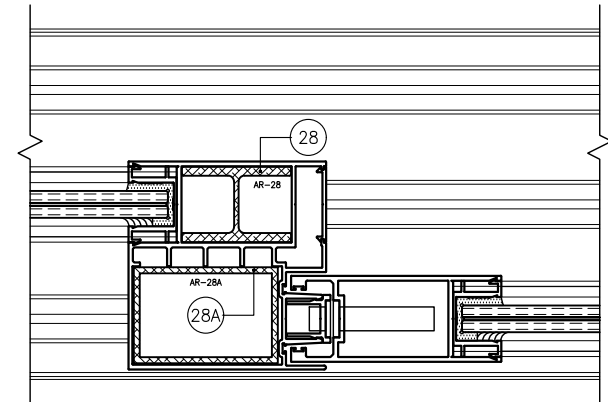
3
6.1 MEETING STILE
W/O REINFORCEMENT

SILL RISER NOTES:

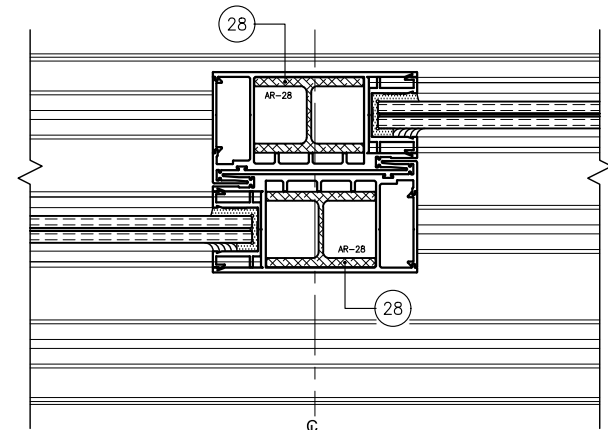
1. REFER TO SHEET 8.13 FOR POSITIVE DESIGN PRESSURE LIMITATIONS BASED ON WATER TEST ASSOCIATED WITH ALTERNATE SILL RISER HEIGHTS.

GLAZING NOTES:

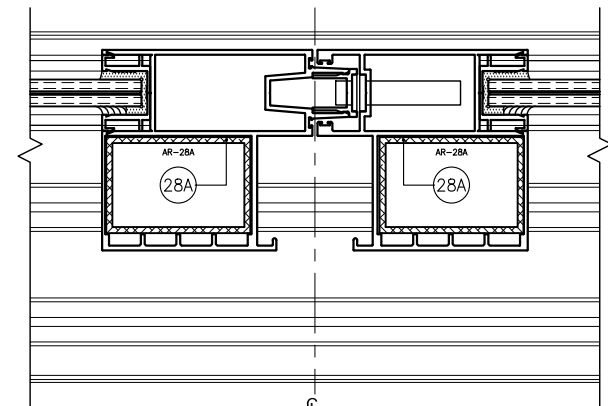
1. USE THIS CHART IN CONJUNCTION WITH GLAZING TYPES ILLUSTRATED IN SECTION 9.0 FOR GLASS MAKE-UP COMPOSITION.
2. APPLIED WITH REINFORCEMENT.



1A
6.1 OFFSET MEETING STILE
W/ REINFORCEMENT



2A
6.1 INTERLOCK STILE
W/ REINFORCEMENT

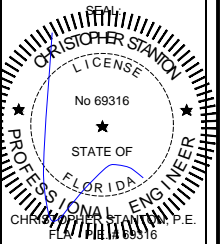


3A
6.1 MEETING STILE
W/ REINFORCEMENT

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1003
FAX: (561) 393-1008

SERIES SGD 1000
SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
OWNER:
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019
DRAWN BY: KJT
CHECKED BY: CS

DESCRIPTION
GLAZING CHARTS
SCALE: 3" = 1'-0" (1:4)
PLOT SIZE: ANSI B (11" X 17")

SHEET NO.
6.1 22 of 42
JOB NO. 0000-00

CHART 7.0.3 DESIGN LOAD CAPACITY, ANCHORS (PSF)

NOMINAL PANEL WIDTH (INCHES)	DOOR FRAME HEIGHT (INCHES)	AT ENDS, CLUSTERS AT INTERLOCKS & STILES, (POS./NEG.), 1/4" MAX. SHIM.				
		ANCHOR TYPE A	ANCHOR TYPE B		ANCHOR TYPE C	
		A(8)	B(8)	B1(8)	C(8)	
24	84	140.0	140.0	140.0	140.0	
30		140.0	140.0	140.0	140.0	
36		140.0	140.0	140.0	140.0	
42		140.0	140.0	140.0	140.0	
48		140.0	140.0	140.0	140.0	
54		140.0	140.0	140.0	140.0	
60		140.0	140.0	140.0	140.0	
63		140.0	140.0	140.0	140.0	
66		140.0	140.0	140.0	140.0	
70		140.0	140.0	140.0	140.0	
72	140.0	140.0	140.0	140.0		
24	90	140.0	140.0	140.0	140.0	
30		140.0	140.0	140.0	140.0	
36		140.0	140.0	140.0	140.0	
42		140.0	140.0	140.0	140.0	
48		140.0	140.0	140.0	140.0	
54		140.0	140.0	140.0	140.0	
60		140.0	140.0	140.0	140.0	
63		140.0	140.0	140.0	140.0	
66		140.0	140.0	140.0	140.0	
70		140.0	140.0	140.0	140.0	
72	140.0	140.0	140.0	140.0		
24	96	140.0	140.0	140.0	140.0	
30		140.0	140.0	140.0	140.0	
36		140.0	140.0	140.0	140.0	
42		140.0	140.0	140.0	140.0	
48		140.0	140.0	140.0	140.0	
54		140.0	140.0	140.0	140.0	
60		140.0	140.0	140.0	140.0	
63		140.0	140.0	140.0	140.0	
66		140.0	140.0	140.0	140.0	
70		138.5	140.0	140.0	136.5	
72	134.7	140.0	140.0	132.7		
24	102	140.0	140.0	140.0	140.0	
30		140.0	140.0	140.0	140.0	
36		140.0	140.0	140.0	140.0	
42		140.0	140.0	140.0	140.0	
48		140.0	140.0	140.0	140.0	
54		140.0	140.0	140.0	140.0	
60		140.0	140.0	140.0	140.0	
63		140.0	140.0	140.0	140.0	
66		138.3	140.0	140.0	136.2	
70		130.4	140.0	140.0	128.4	
24	108	140.0	140.0	140.0	140.0	
30		140.0	140.0	140.0	140.0	
36		140.0	140.0	140.0	140.0	
42		140.0	140.0	140.0	140.0	
48		140.0	140.0	140.0	140.0	
54		140.0	140.0	140.0	140.0	
60		140.0	140.0	140.0	140.0	
63		136.8	140.0	140.0	134.8	
66		130.6	140.0	140.0	128.6	
24		114	80.0	80.0	80.0	80.0
30	80.0		80.0	80.0	80.0	
36	80.0		80.0	80.0	80.0	
42	80.0		80.0	80.0	80.0	
48	80.0		80.0	80.0	80.0	
54	80.0		80.0	80.0	80.0	
60	80.0		80.0	80.0	80.0	
63	80.0		80.0	80.0	80.0	
24	120		80.0	80.0	80.0	80.0
30			80.0	80.0	80.0	80.0
36		80.0	80.0	80.0	80.0	
42		80.0	80.0	80.0	80.0	
48		80.0	80.0	80.0	80.0	
54		80.0	80.0	80.0	80.0	
60		80.0	80.0	80.0	80.0	

ANCHOR CLUSTER NOTES:

- A(8), B(8) & C(8) ANCHORS, TYPES A, B & C; (2) ROWS OF (2) EA. SIDE OF INTERLOCKS & STILES.
- B1(8) ANCHORS, TYPE B; SPACING AT 4" C/C; (2) ROWS OF (2) EA. SIDE OF INTERLOCKS & STILES.
- REFER TO SHEET 8.13 FOR ANCHOR CLUSTER LAYOUTS.

ANCHOR TYPE NOTES:

- FOR ANCHOR LAYOUT AND LOCATIONS, REFER TO SECTION 3.0.
- USE THE CHARTS ON THIS SHEET, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.
- FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:
 AT HEAD: SHEETS 8.0 THRU 8.3;
 AT SILL: SHEETS 8.4 THRU 8.8;
 AT JAMBS: SHEETS 8.9 THRU 8.12.

7.0.4 TYPICAL ANCHORS (HEAD/SILL/JAMB):
(SEE ELEVATIONS FOR SPACING.)

TYPE A: 5/16" ULTRACON, BY ELCO; OR EQUIVALENT (FU=177 KSI, FY=155 KSI)

DIRECTLY INTO WOOD STRUCTURES, (SG=0.55 MIN.):
1-1/2" MIN. EMBED.

MIN. EDGE DIST. INTO:
WOOD STRUCTURES: 1-9/16" MIN.

TYPE B: 1/4" ULTRACON, BY ELCO; OR EQUIVALENT (FU=177 KSI, FY=155 KSI)

THRU 1BY WOOD BUCK AND:
1-3/4" MIN. EMBED. INTO CONCRETE.

THRU 2BY WOOD BUCK AND:
1-3/4" MIN. EMBED. INTO CONCRETE.

MIN. EDGE DIST. INTO:
CONCRETE: 2-1/2" MIN.

TYPE B1: 1/4" ULTRACON, BY ELCO; OR EQUIVALENT (FU=177 KSI, FY=155 KSI)

DIRECTLY INTO CONCRETE, (F'C=3,000 PSI MIN.):
1-3/4" MIN. EMBED.

MIN. EDGE DIST. INTO:
CONCRETE: 2-1/2" MIN.

ANCHOR SPACING, (C/C) INTO:
CONCRETE: 4" MIN.

INTO C-90 CMU BLOCK, (*AT JAMB CONDITIONS ONLY.)
(F'M=2,000 PSI MIN.):
1-1/4" MIN. EMBED. INTO HOLLOW BLOCK;
1-3/4" MIN. EMBED. INTO GROUT-FILLED BLOCK.

MIN. EDGE DIST. INTO:
CONC. OR MASONRY: 2-1/2" MIN.

ANCHOR SPACING, (C/C) INTO:
GROUT-FILLED BLOCK: 4" MIN.

TYPE C: #14 TEKS SELF-DRILLING SCREWS; OR EQUIVALENT (GRADE 5 CRS)

INTO METAL STRUCTURES, (3 MIN. PITCHES BEYOND FULL EMBED.):
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (FY=36 KSI MIN.)
METAL STUD: 16 GA. MIN.
(DISSIMILAR METALS IN CONTACT TO BE PAINTED OR PLATED.)

MIN. EDGE DIST. INTO:
METAL STRUCTURES: 3/4" MIN.

TYPE D: SIKAFLEX 1A ASSEMBLY ADHESIVE; OR EQUIVALENT (POURED AND CURED, NON-METALLIC/NON-SHRINKAGE)

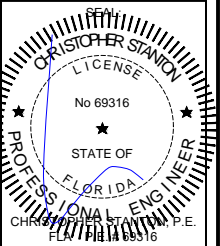
DIRECTLY ONTO CONCRETE, (*AT SILL CONDITION ONLY.),
(F'C=5,000 PSI, MIN.);
(PREPARED ADHESION AREA MUST BE DRY,
CLEARED & CLEANED OF BOND-INHIBITING MATERIAL.)

NOTE: TYPE D IS ACCEPTABLE FOR ALL
DESIGN PRESSURES, CONFIGURATIONS
& SIZES REFERENCED ON SHEET 6.0.

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1003
FAX: (561) 393-1008

SERIES SGD 1000
SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2021/2023): PL# 31650.1
OWNER:
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 425-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR CHARTS
SCALE:	3" = 1'-0" [1:4]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	7.0 23 of 42
JOB NO.	0000-00

CHART 7.1.5 DESIGN LOAD CAPACITY, ANCHORS (PSF)

NOMINAL PANEL WIDTH (INCHES)	DOOR FRAME HEIGHT (INCHES)	AT ENDS, CLUSTERS W/ NARROW INTERLOCK DETAIL 4/5.6 (POS./NEG.)				
		ANCHOR TYPE A	ANCHOR TYPE B		ANCHOR TYPE C	
		A(8)	B(8)	B1(8)	B2(8)	C(8)
		1/4" MAX. SHIM				
72	96	80.0	80.0	80.0	80.0	80.0
72	102	80.0	80.0	80.0	80.0	80.0
66	108	80.0	80.0	80.0	80.0	80.0
60	120	80.0	80.0	80.0	80.0	80.0

ANCHOR NOTES:

- FOR ANCHOR LAYOUT AND LOCATIONS, REFER TO SECTION 3.0.
- USE THE CHARTS ON THIS SHEET, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.
- FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:

AT HEAD: SHEETS 8.0 THRU 8.3;
 AT SILL: SHEETS 8.4 THRU 8.8;
 AT JAMBS: SHEETS 8.9 THRU 8.12.

ANCHOR CLUSTER NOTES:

- A(8), B(8) & C(8) ANCHORS, TYPES A, B & C;
(2) ROWS OF (2) EA. SIDE OF INTERLOCKS & STILES.
- B1(8) ANCHORS, TYPE B; SPACING AT 4" C/C;
(2) ROWS OF (2) EA. SIDE OF INTERLOCKS & STILES.
- REFER TO SHEET 8.13 FOR ANCHOR CLUSTER LAYOUTS.

CHART 7.1.6 CORNER DESIGN LOAD CAPACITY, (PSF)

NOMINAL PANEL WIDTH (INCHES)	DOOR FRAME HEIGHT (INCHES)	W/ CORNER DETAIL 1/5.13	
		FOR ALL GLASS TYPES	
		NEG.	POS.
72	84	90.0	90.0
66	96	90.0	90.0
60	108	90.0	90.0
60	120	65.0	65.0

CHART 7.1.7 INTERLOCK DESIGN LOAD CAPACITY, (PSF)

NOMINAL PANEL WIDTH (INCHES)	DOOR FRAME HEIGHT (INCHES)	W/ NARROW INTERLOCK DETAIL 2/5.13	
		FOR ALL GLASS TYPES	
		NEG.	POS.
72	96	80.0	80.0
72	102	80.0	80.0
66	108	78.5	78.5
60	120	70.0	70.0

CHART 7.1.8 INTERLOCK DESIGN LOAD CAPACITY, (PSF)

NOMINAL PANEL WIDTH (INCHES)	DOOR FRAME HEIGHT (INCHES)	W/ SUPER NARROW INTERLOCK DETAIL 3/5.13	
		FOR ALL GLASS TYPES	
		NEG.	POS.
72	96	65.0	65.0
72	102	65.0	65.0
66	108	65.0	65.0
60	120	65.0	65.0

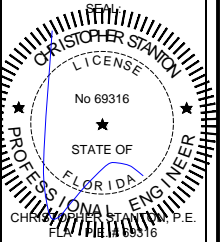
SILL RISER NOTES:

- REFER TO SHEET 8.13 FOR POSITIVE DESIGN PRESSURE LIMITATIONS BASED ON WATER TEST ASSOCIATED WITH ALTERNATE SILL RISER HEIGHTS.

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
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STRUCTURAL ENGINEERING SERVICES
 2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
 BOCA RATON, FLORIDA 33431
 TEL: (561) 393-1008
 FAX: (561) 393-1003

PROJECT: SERIES SGD 1000
OWNER: VELOCITY IMPACT PRODUCTS
 SLIDING GLASS DOOR SYSTEM
 PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
 2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
 TEL: (561) 428-5740 | NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

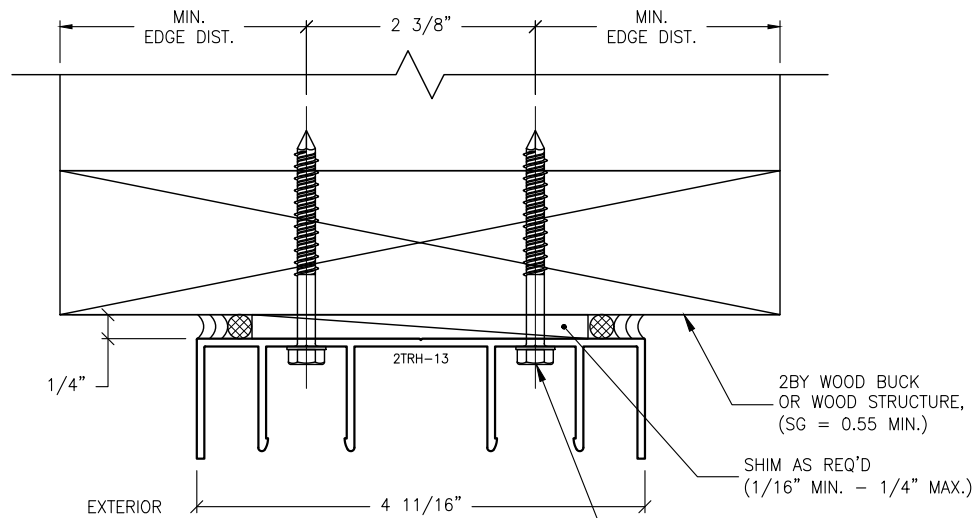
CHECKED BY: CS

DESCRIPTION
 ANCHOR CHARTS

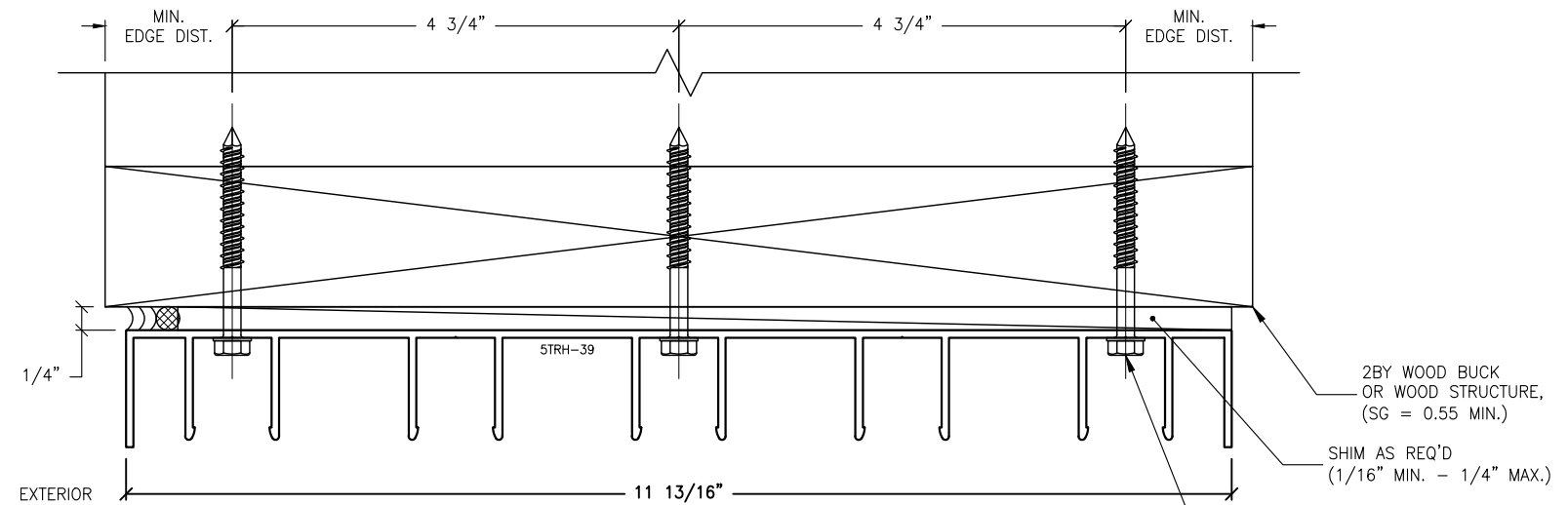
SCALE: 3" = 1'-0" [1:4]

PLOT SIZE: ANSI B (11" X 17")

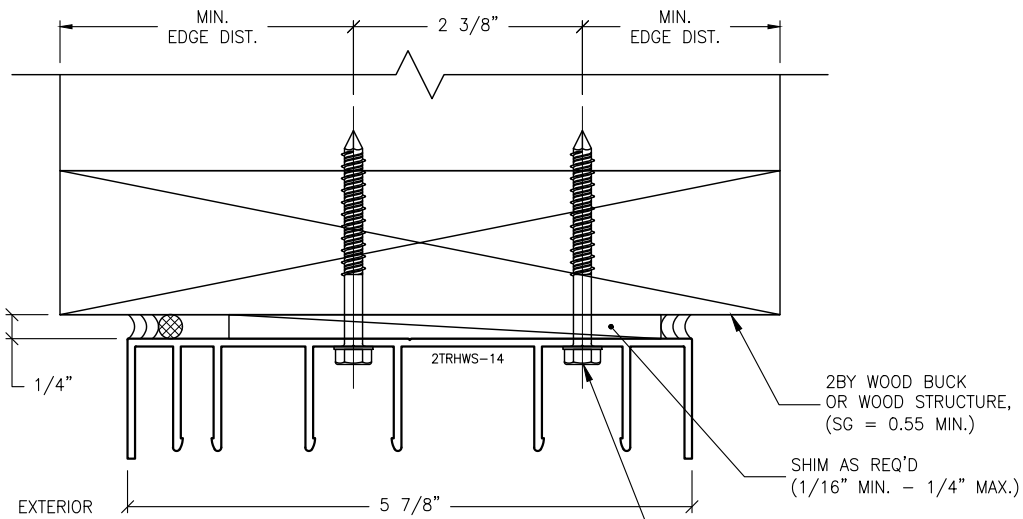
SHEET NO.
7.1 24 of 42
 JOB NO. 0000-00



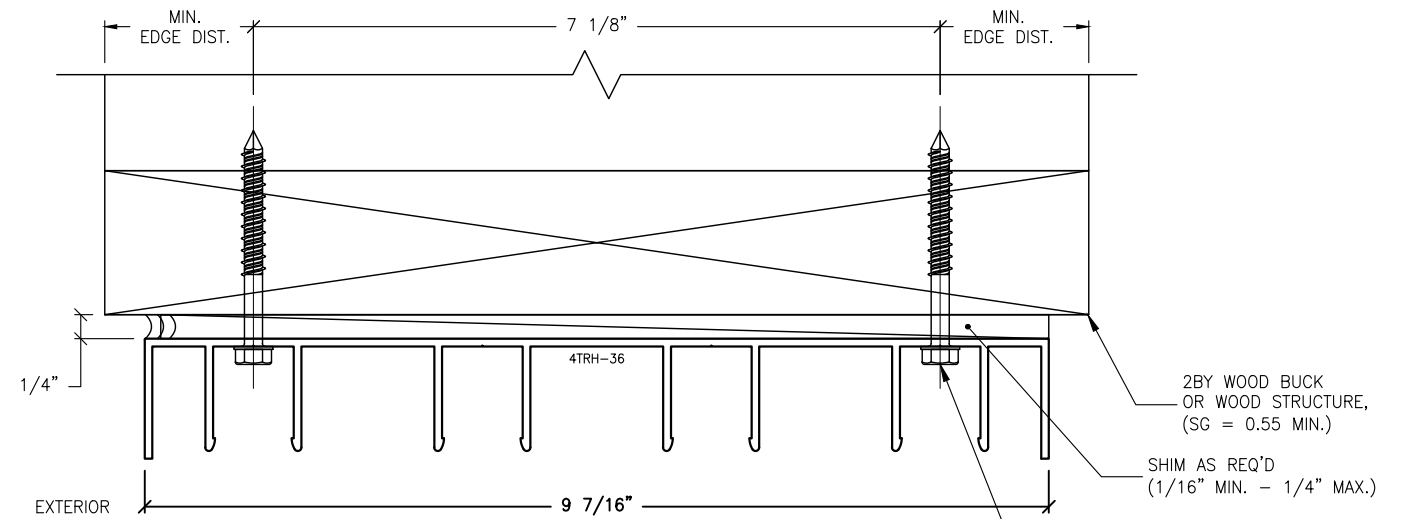
H1.1 ANCHOR DETAIL
8.0 TWO-TRACK HEADER



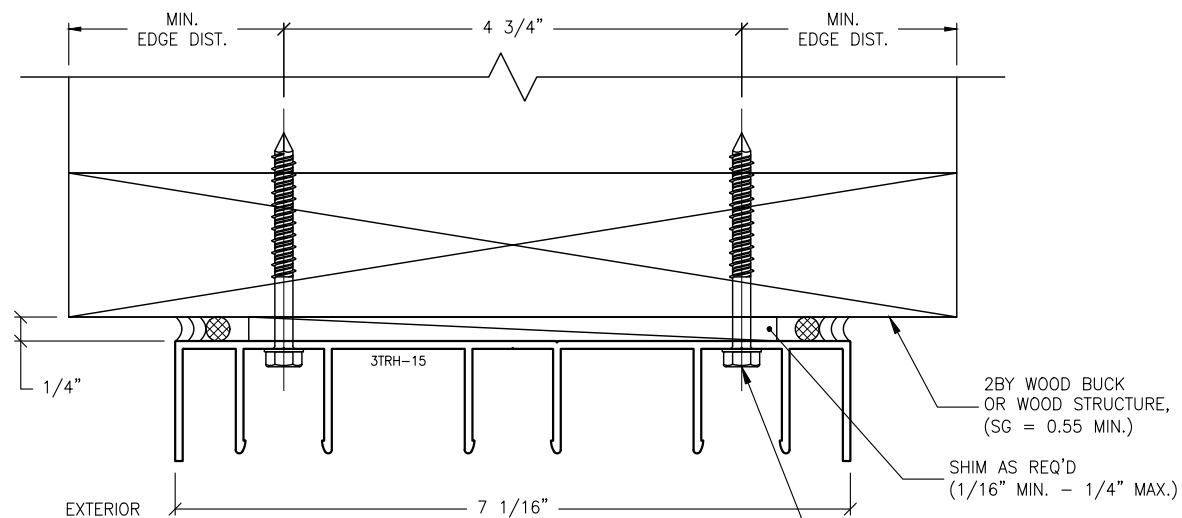
H1.5 ANCHOR DETAIL
8.0 FIVE-TRACK HEADER



H1.2 ANCHOR DETAIL
8.0 TWO-TRACK W/ SCREEN HEADER



H1.4 ANCHOR DETAIL
8.0 FOUR-TRACK HEADER



H1.3 ANCHOR DETAIL
8.0 THREE-TRACK HEADER

TYPICAL ANCHORS
(REFER TO SECTION 7.0 FOR TYPICAL
MINIMUM ANCHOR REQUIREMENTS &
QUANTITIES; REFER TO SECTION 3.0
FOR ANCHORING LOCATIONS.)

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TYPICAL ANCHORS
(REFER TO SECTION 7.0 FOR TYPICAL
MINIMUM ANCHOR REQUIREMENTS &
QUANTITIES; REFER TO SECTION 3.0
FOR ANCHORING LOCATIONS.)

ANCHORAGE NOTES:

1. THESE INSTALLATIONS, AS SHOWN FOR ILLUSTRATIVE REFERENCES, WITH MECHANICAL ANCHORAGE, APPLIES TO EACH TRACK CONDITION FOR TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAME SYSTEMS.
2. THESE HEADER TRACKS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

IMPOSED LOADS NOTE:

BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:

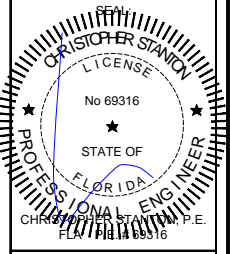
1. INTERIOR & EXTERIOR FINISHES, (BY OTHERS) ARE NOT SHOWN FOR CLARITY.
2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

H1 MECHANICAL ANCHOR, TYPE A
8.0 FOR TYPICAL HEADER
INTO 2BY WOOD OR WOOD STRUCTURES

REVISIONS:	NO.	DATE	DESCRIPTION
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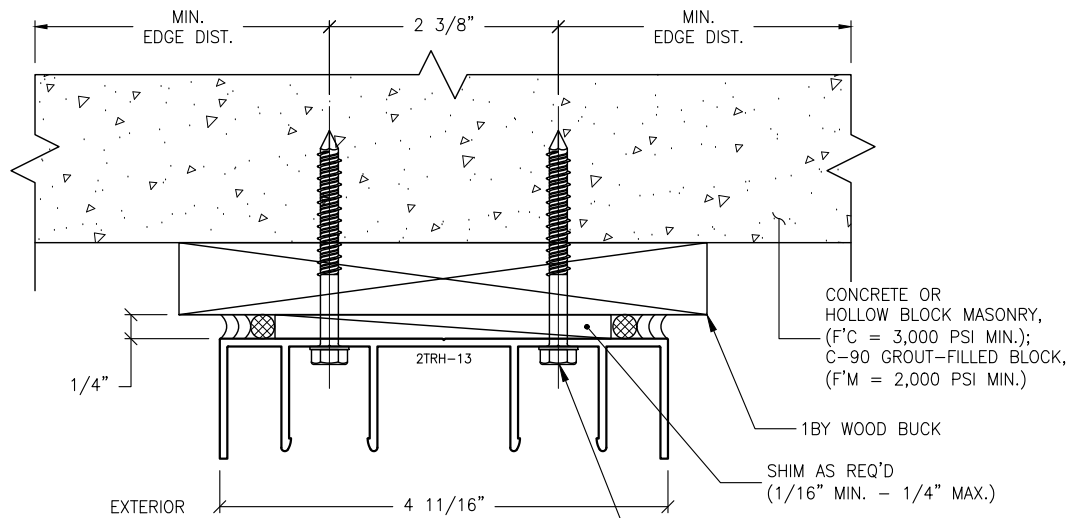
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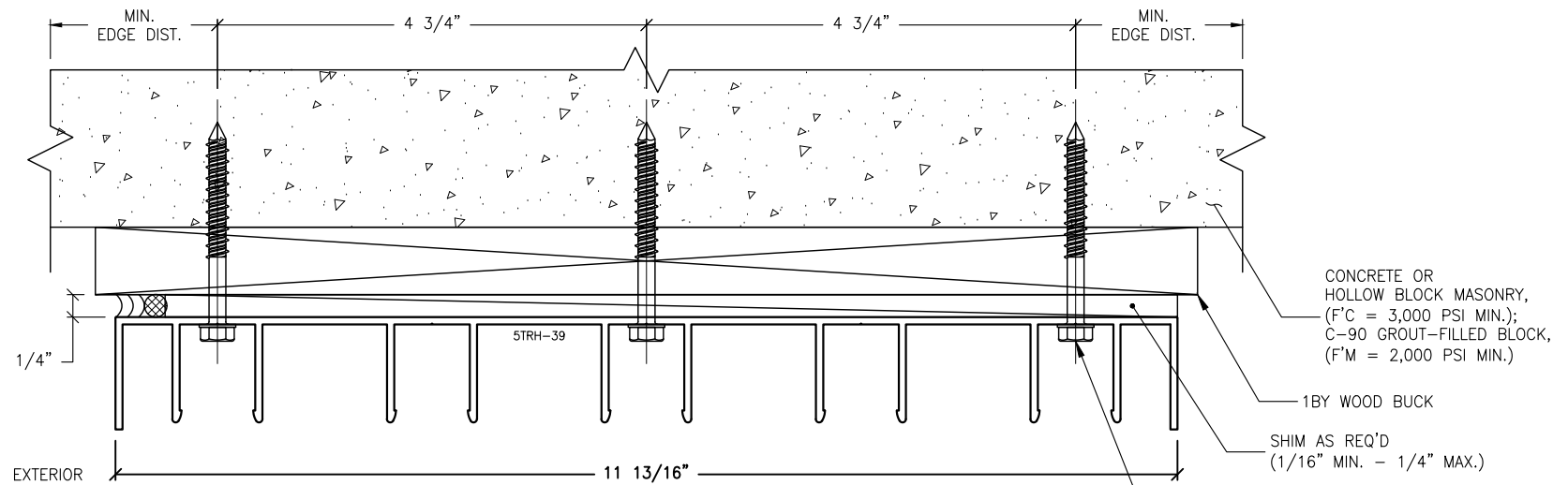
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SERIES SGD 1000
OWNER: SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 425-5740 NET: www.velocityimpactproducts.com

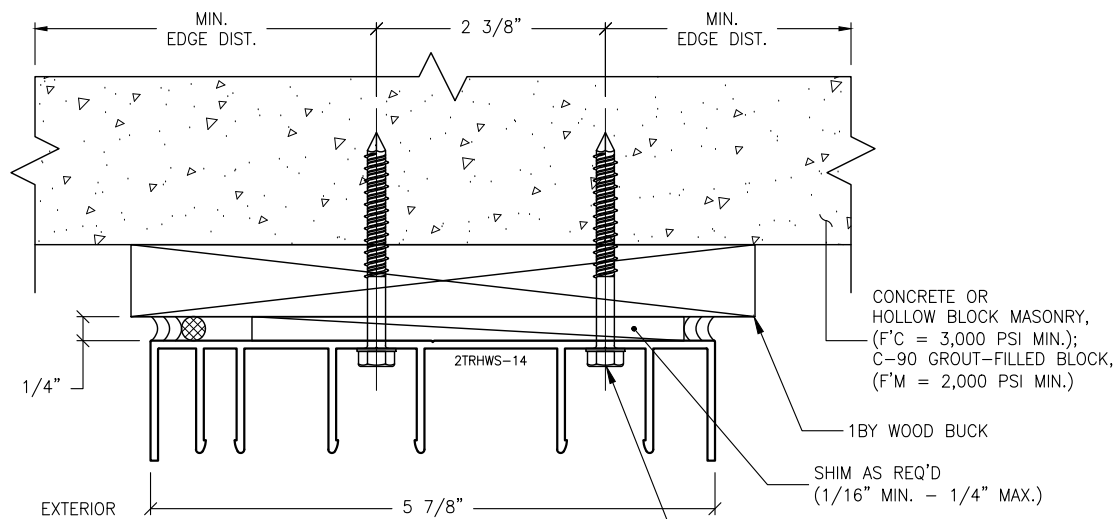
SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR DETAILS
SCALE:	6" = 1'-0" [1:2]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	8.0
	25 of 42
JOB NO.	0000-00



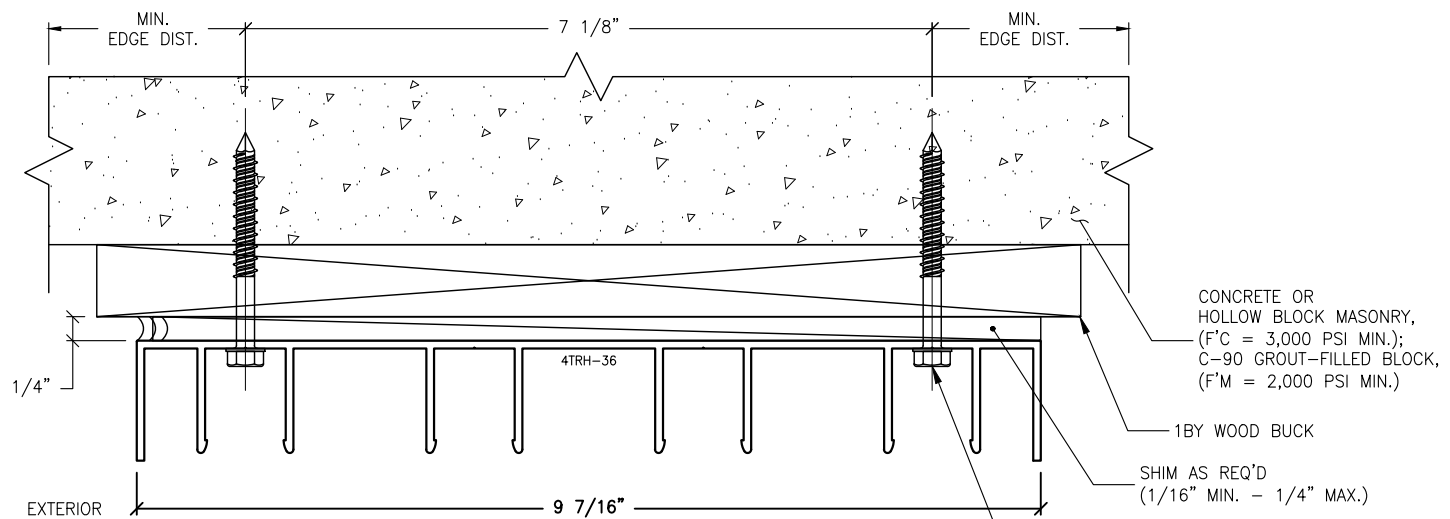
H2.1 ANCHOR DETAIL
8.1 TWO-TRACK HEADER



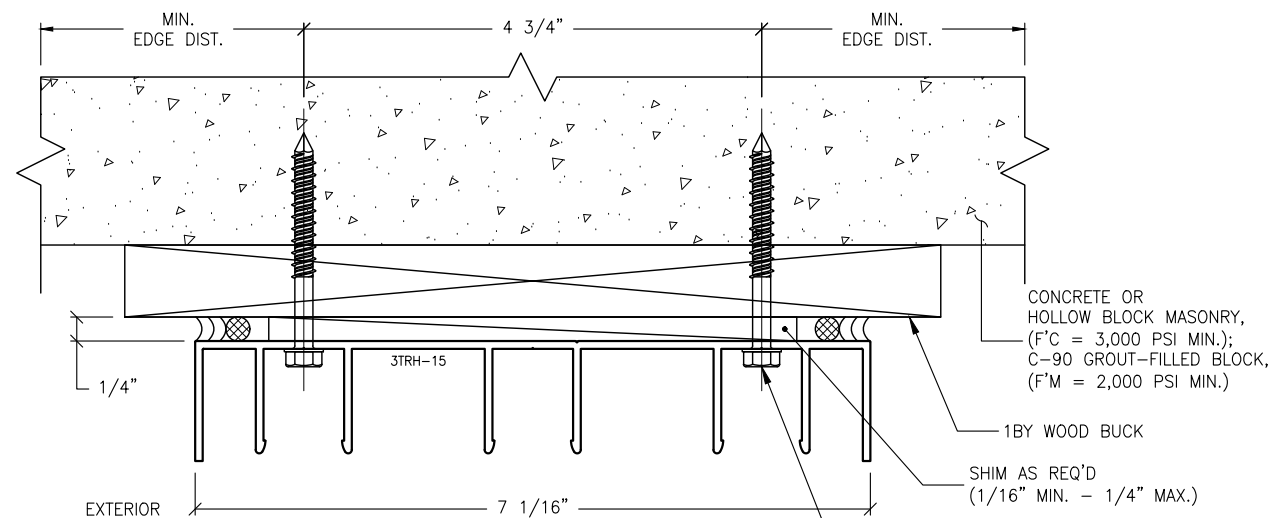
H2.5 ANCHOR DETAIL
8.1 FIVE-TRACK HEADER



H2.2 ANCHOR DETAIL
8.1 TWO-TRACK W/ SCREEN HEADER



H2.4 ANCHOR DETAIL
8.1 FOUR-TRACK HEADER



H2.3 ANCHOR DETAIL
8.1 THREE-TRACK HEADER

ANCHORAGE NOTES:

1. THESE INSTALLATIONS, AS SHOWN FOR ILLUSTRATIVE REFERENCES, WITH MECHANICAL ANCHORAGE, APPLIES TO EACH TRACK CONDITION FOR TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAME SYSTEMS.
2. THESE HEADER TRACKS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

IMPOSED LOADS NOTE:

BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:

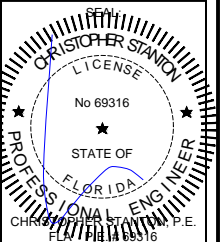
1. INTERIOR & EXTERIOR FINISHES, (BY OTHERS) ARE NOT SHOWN FOR CLARITY.
2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

H2 MECHANICAL ANCHOR, TYPE A
8.1 FOR TYPICAL HEADER
THRU 1BY INTO BUILDING STRUCTURES

REVISIONS:	NO.	DATE	DESCRIPTION
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2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SLIDING GLASS DOOR SYSTEM
OWNER: VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

CHECKED BY: CS

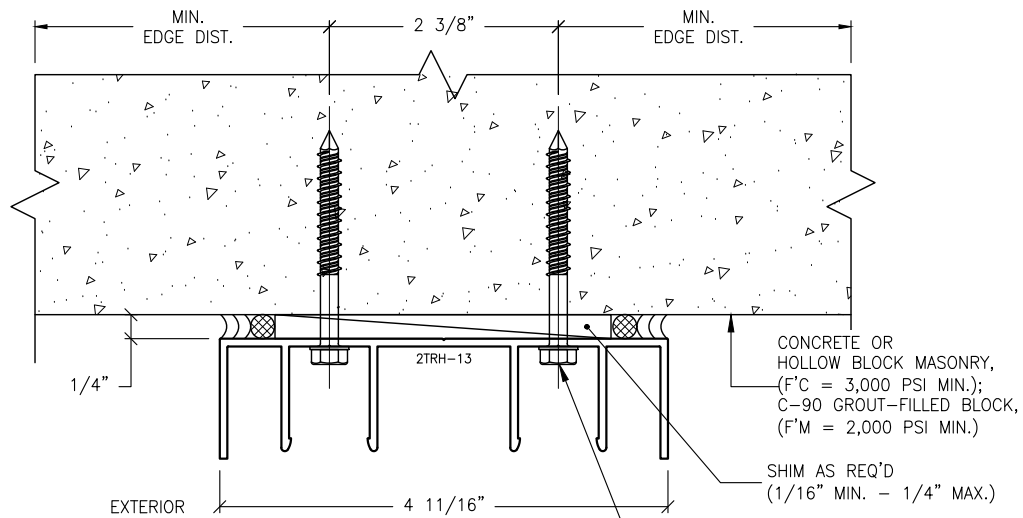
DESCRIPTION
ANCHOR DETAILS

SCALE: 6" = 1'-0" (1:2)

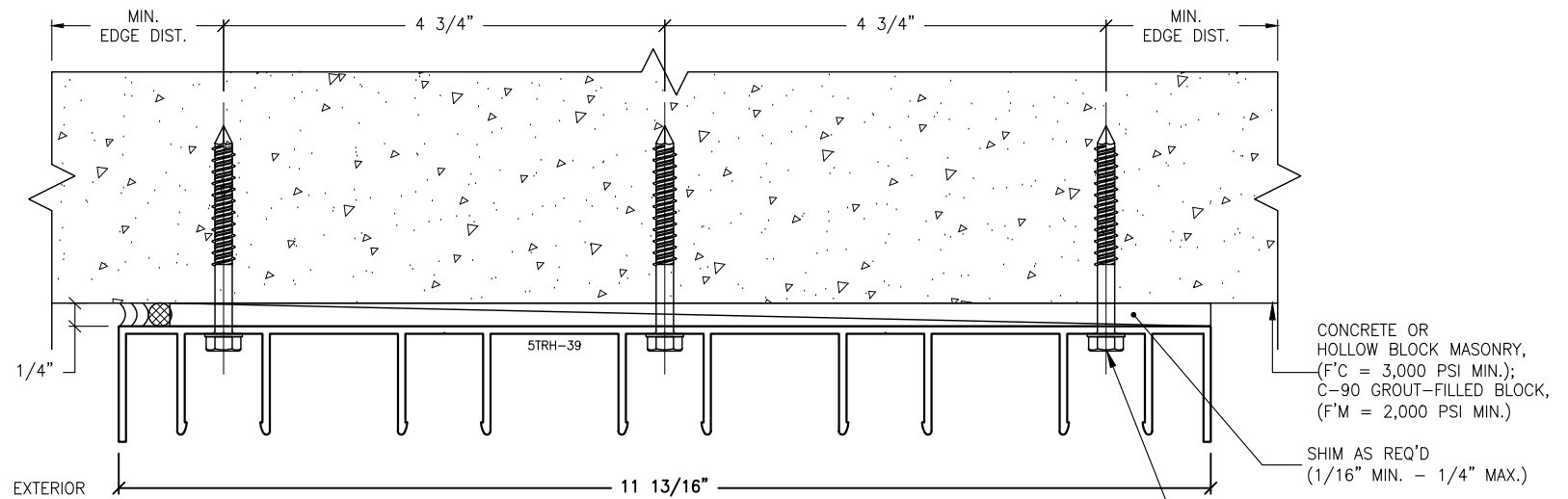
PLOT SIZE: ANSI B (11" X 17")

SHEET NO.

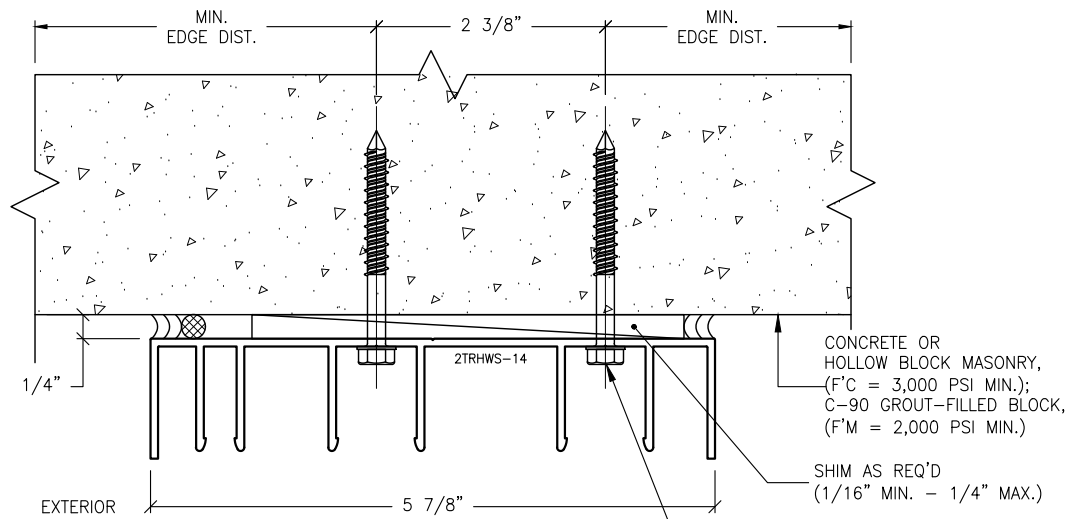
8.1 26 of 42
JOB NO. 0000-00



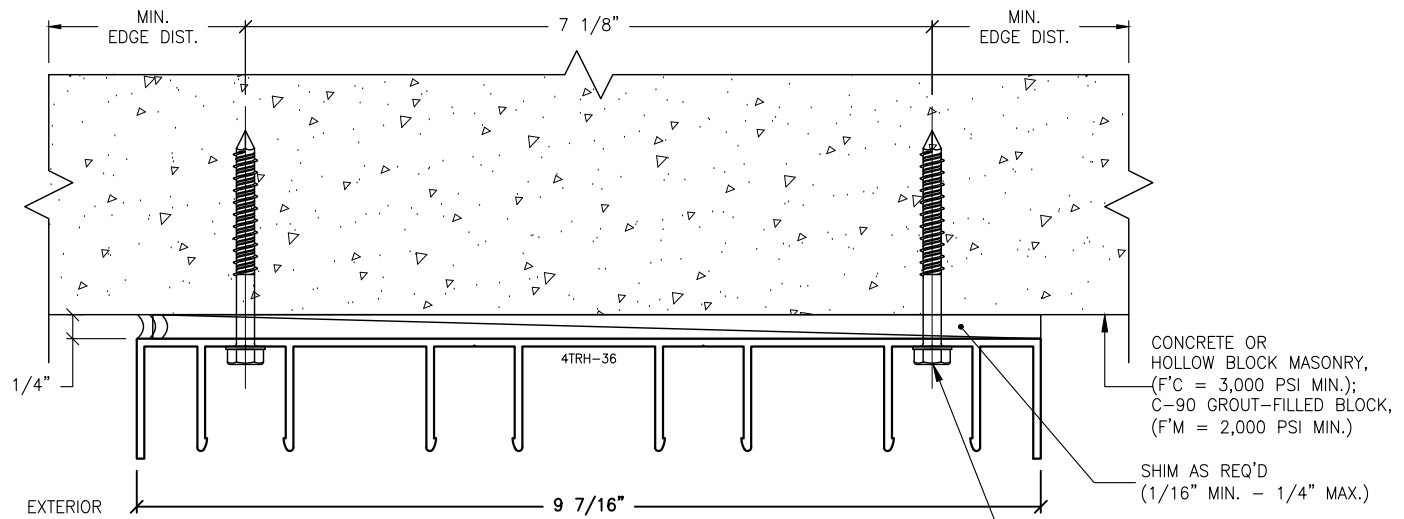
H3.1 ANCHOR DETAIL
8.2 TWO-TRACK HEADER



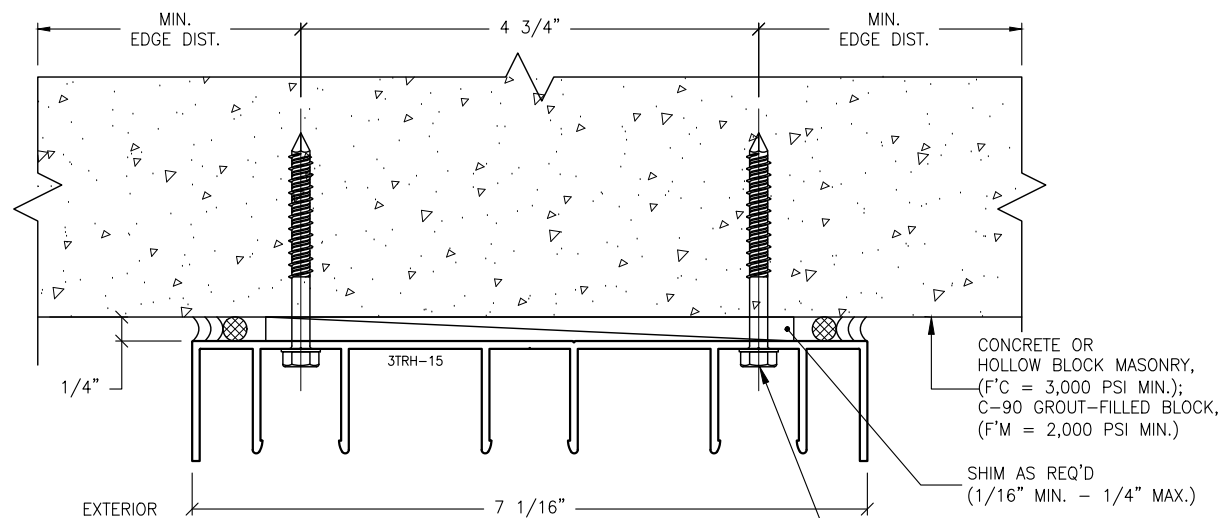
H3.5 ANCHOR DETAIL
8.2 FIVE-TRACK HEADER



H3.2 ANCHOR DETAIL
8.2 TWO-TRACK W/ SCREEN HEADER



H3.4 ANCHOR DETAIL
8.2 FOUR-TRACK HEADER



H3.3 ANCHOR DETAIL
8.2 THREE-TRACK HEADER

TYPICAL ANCHORS
(REFER TO SECTION 7.0 FOR TYPICAL
MINIMUM ANCHOR REQUIREMENTS &
QUANTITIES; REFER TO SECTION 3.0
FOR ANCHORING LOCATIONS.)

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TYPICAL ANCHORS
(REFER TO SECTION 7.0 FOR TYPICAL
MINIMUM ANCHOR REQUIREMENTS &
QUANTITIES; REFER TO SECTION 3.0
FOR ANCHORING LOCATIONS.)

ANCHORAGE NOTES:

1. THESE INSTALLATIONS, AS SHOWN FOR ILLUSTRATIVE REFERENCES, WITH MECHANICAL ANCHORAGE, APPLIES TO EACH TRACK CONDITION FOR TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAME SYSTEMS.
2. THESE HEADER TRACKS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

IMPOSED LOADS NOTE:

BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:

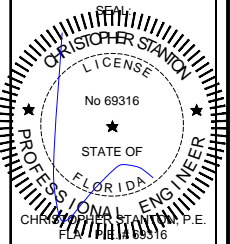
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2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

H3 MECHANICAL ANCHOR, TYPE B
8.2 FOR TYPICAL HEADER
INTO CONCRETE OR MASONRY STRUCTURES

REVISIONS:	NO.	DATE	DESCRIPTION
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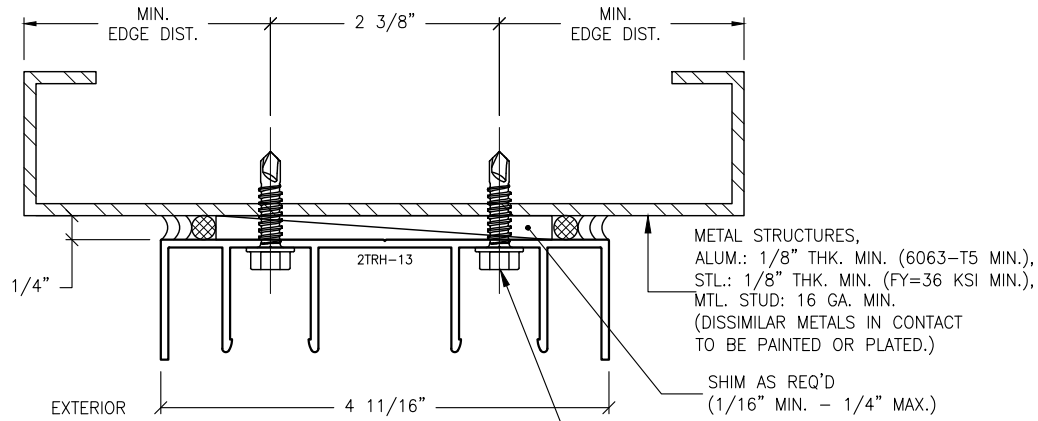
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2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SERIES SGD 1000
OWNER: SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR DETAILS
SCALE:	6" = 1'-0" [1:2]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	8.2
	27 of 42
JOB NO.	0000-00

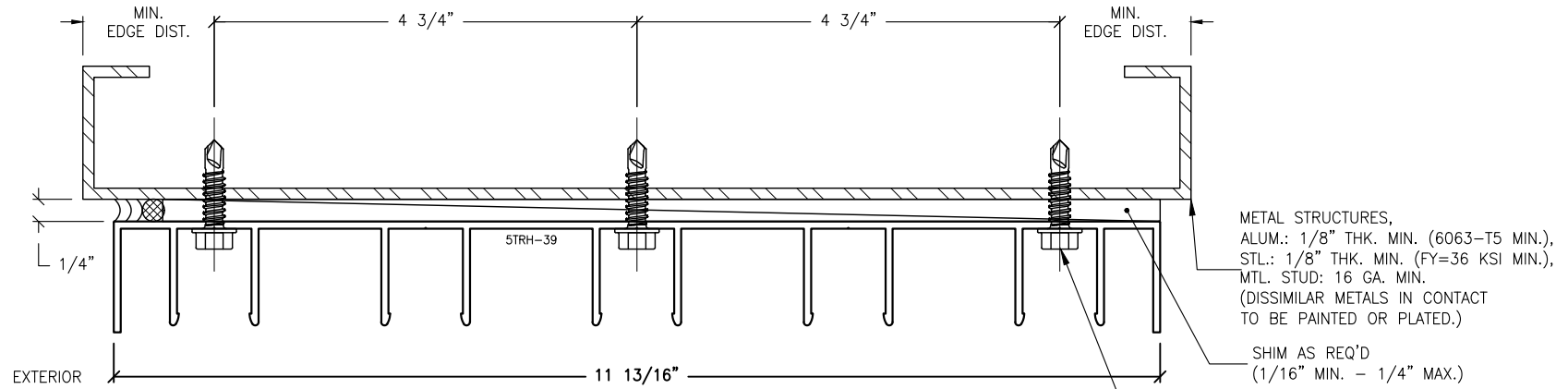


H4.1 ANCHOR DETAIL
8.3 TWO-TRACK HEADER

METAL STRUCTURES,
ALUM.: 1/8" THK. MIN. (6063-T5 MIN.),
STL.: 1/8" THK. MIN. (FY=36 KSI MIN.),
MTL. STUD: 16 GA. MIN.
(DISSIMILAR METALS IN CONTACT
TO BE PAINTED OR PLATED.)

SHIM AS REQ'D
(1/16" MIN. - 1/4" MAX.)

TYPICAL ANCHORS
(REFER TO SECTION 7.0 FOR TYPICAL
MINIMUM ANCHOR REQUIREMENTS &
QUANTITIES; REFER TO SECTION 3.0
FOR ANCHORING LOCATIONS.)

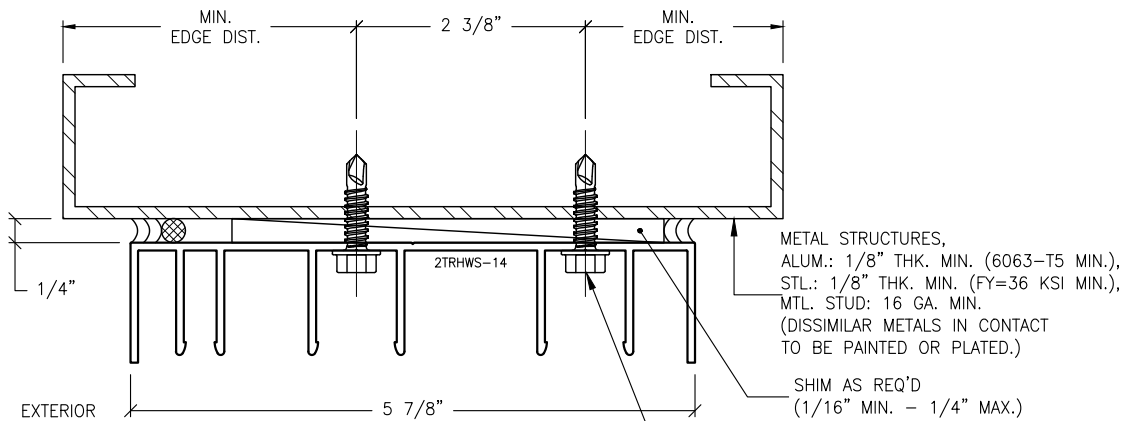


H4.5 ANCHOR DETAIL
8.3 FIVE-TRACK HEADER

METAL STRUCTURES,
ALUM.: 1/8" THK. MIN. (6063-T5 MIN.),
STL.: 1/8" THK. MIN. (FY=36 KSI MIN.),
MTL. STUD: 16 GA. MIN.
(DISSIMILAR METALS IN CONTACT
TO BE PAINTED OR PLATED.)

SHIM AS REQ'D
(1/16" MIN. - 1/4" MAX.)

TYPICAL ANCHORS
(REFER TO SECTION 7.0 FOR TYPICAL
MINIMUM ANCHOR REQUIREMENTS &
QUANTITIES; REFER TO SECTION 3.0
FOR ANCHORING LOCATIONS.)

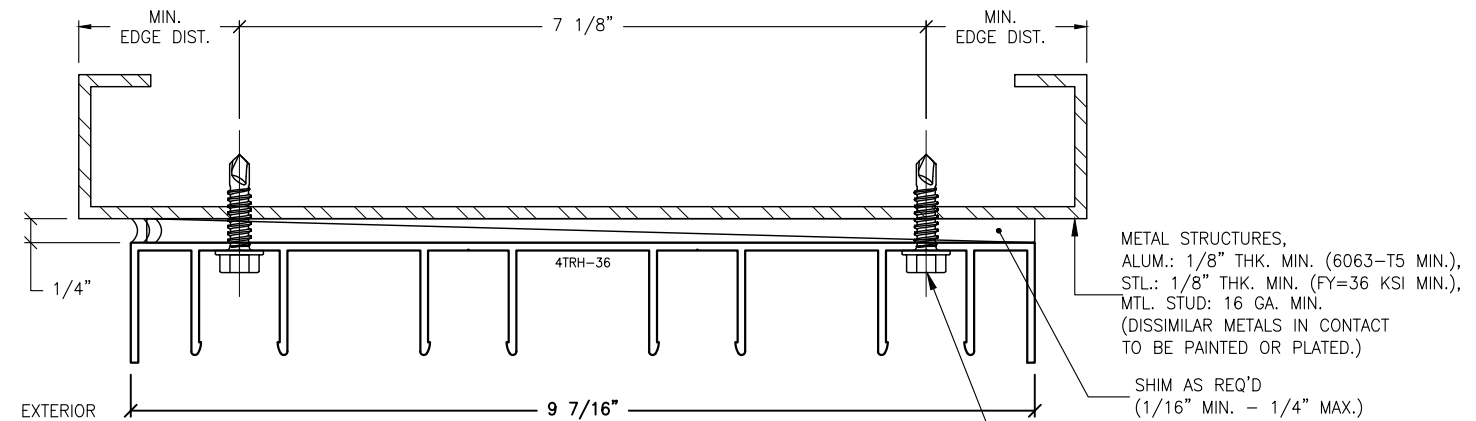


H4.2 ANCHOR DETAIL
8.3 TWO-TRACK W/ SCREEN HEADER

METAL STRUCTURES,
ALUM.: 1/8" THK. MIN. (6063-T5 MIN.),
STL.: 1/8" THK. MIN. (FY=36 KSI MIN.),
MTL. STUD: 16 GA. MIN.
(DISSIMILAR METALS IN CONTACT
TO BE PAINTED OR PLATED.)

SHIM AS REQ'D
(1/16" MIN. - 1/4" MAX.)

TYPICAL ANCHORS
(REFER TO SECTION 7.0 FOR TYPICAL
MINIMUM ANCHOR REQUIREMENTS &
QUANTITIES; REFER TO SECTION 3.0
FOR ANCHORING LOCATIONS.)



H4.4 ANCHOR DETAIL
8.3 FOUR-TRACK HEADER

METAL STRUCTURES,
ALUM.: 1/8" THK. MIN. (6063-T5 MIN.),
STL.: 1/8" THK. MIN. (FY=36 KSI MIN.),
MTL. STUD: 16 GA. MIN.
(DISSIMILAR METALS IN CONTACT
TO BE PAINTED OR PLATED.)

SHIM AS REQ'D
(1/16" MIN. - 1/4" MAX.)

TYPICAL ANCHORS
(REFER TO SECTION 7.0 FOR TYPICAL
MINIMUM ANCHOR REQUIREMENTS &
QUANTITIES; REFER TO SECTION 3.0
FOR ANCHORING LOCATIONS.)

ANCHORAGE NOTES:

1. THESE INSTALLATIONS, AS SHOWN FOR ILLUSTRATIVE REFERENCES, WITH MECHANICAL ANCHORAGE, APPLIES TO EACH TRACK CONDITION FOR TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAME SYSTEMS.
2. THESE HEADER TRACKS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

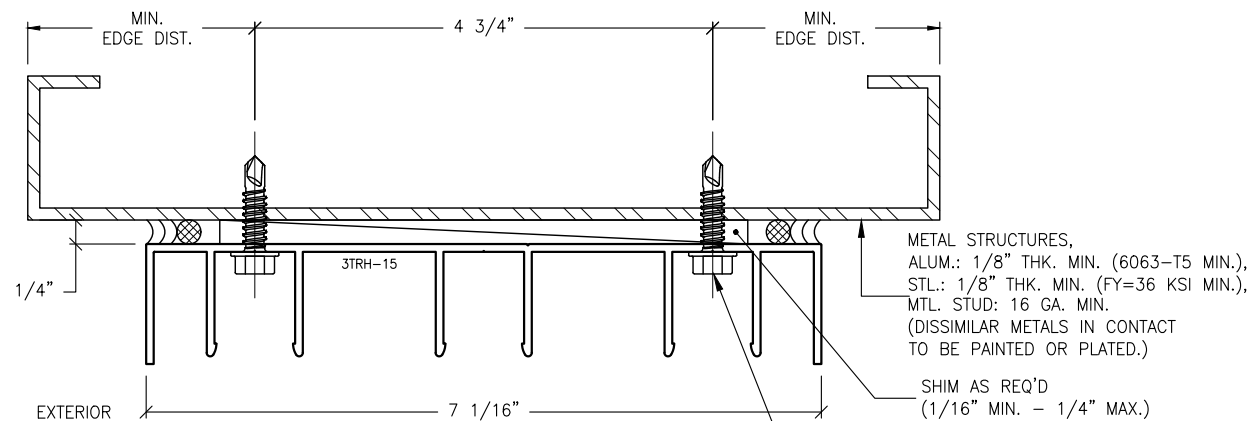
IMPOSED LOADS NOTE:

BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:

1. INTERIOR & EXTERIOR FINISHES, (BY OTHERS) ARE NOT SHOWN FOR CLARITY.
2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

H4 MECHANICAL ANCHOR, TYPE C
8.3 FOR TYPICAL HEADER INTO METAL STRUCTURES



H4.3 ANCHOR DETAIL
8.3 THREE-TRACK HEADER

METAL STRUCTURES,
ALUM.: 1/8" THK. MIN. (6063-T5 MIN.),
STL.: 1/8" THK. MIN. (FY=36 KSI MIN.),
MTL. STUD: 16 GA. MIN.
(DISSIMILAR METALS IN CONTACT
TO BE PAINTED OR PLATED.)

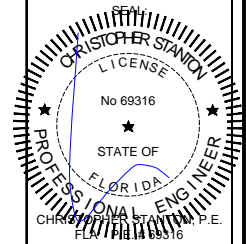
SHIM AS REQ'D
(1/16" MIN. - 1/4" MAX.)

TYPICAL ANCHORS
(REFER TO SECTION 7.0 FOR TYPICAL
MINIMUM ANCHOR REQUIREMENTS &
QUANTITIES; REFER TO SECTION 3.0
FOR ANCHORING LOCATIONS.)

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
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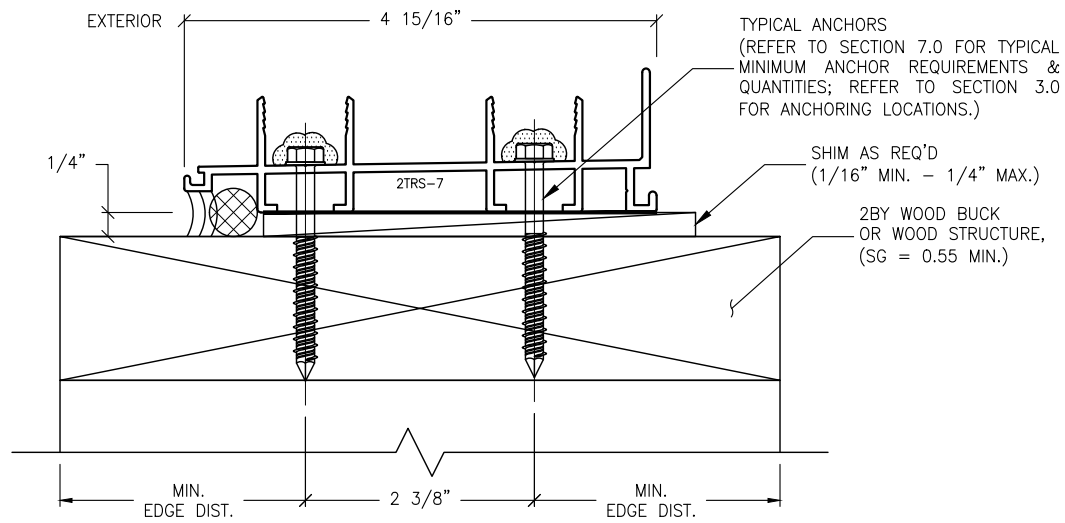
SHOP DRAWINGS ARE REVIEWED FOR STRUCTURAL REQUIREMENTS ONLY!



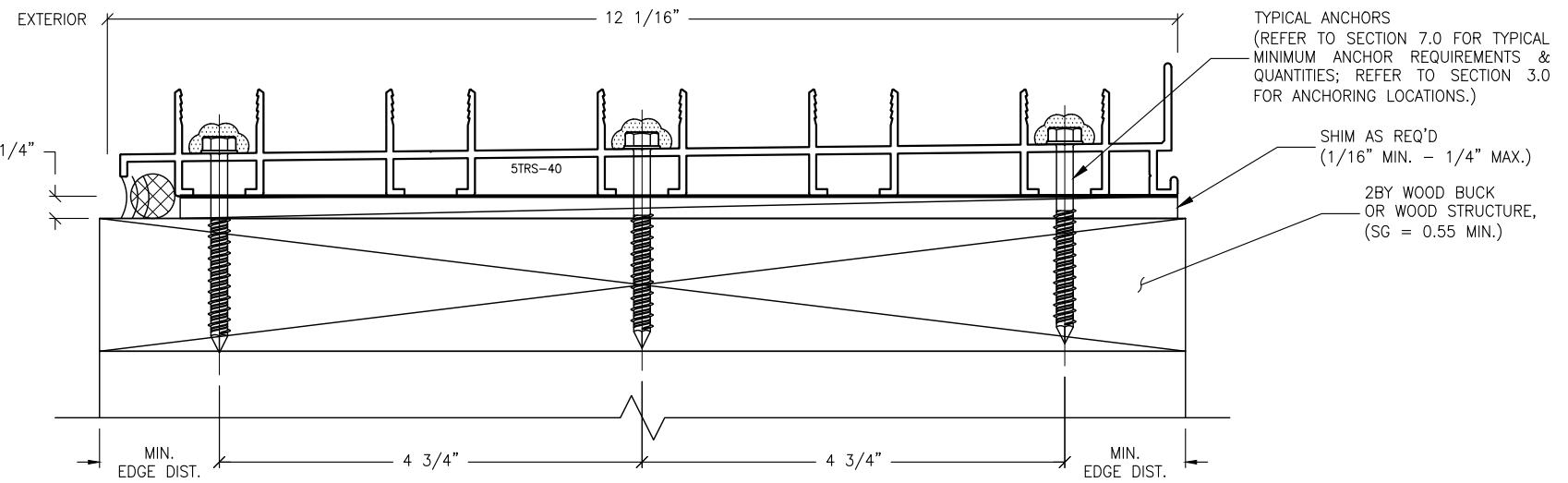
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SLIDING GLASS DOOR SYSTEM
OWNER: VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

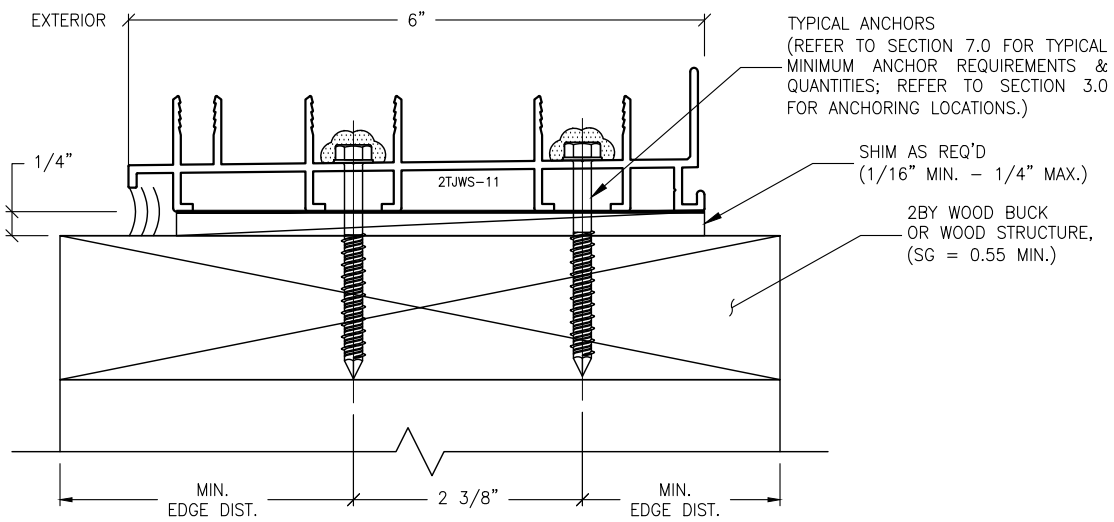
SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR DETAILS
SCALE:	6" = 1'-0" [1:2]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	8.3
JOB NO.	0000-00



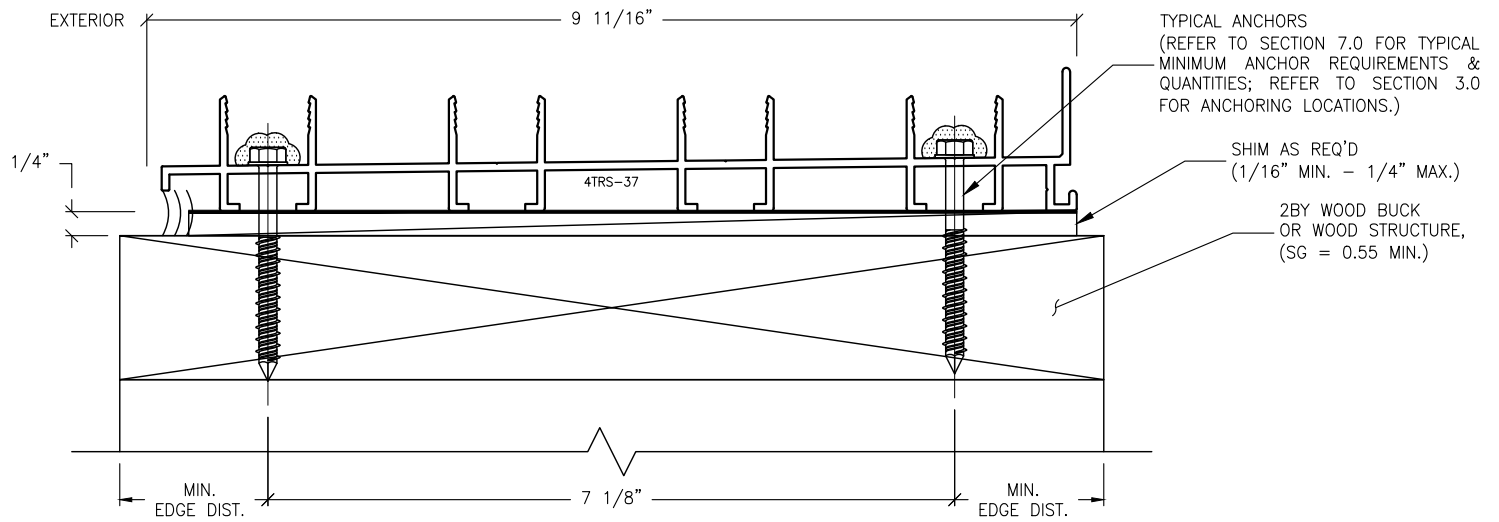
S1.1 ANCHOR DETAIL
8.4 TWO-TRACK SILL



S1.5 ANCHOR DETAIL
8.4 FIVE-TRACK SILL



S1.2 ANCHOR DETAIL
8.4 TWO-TRACK W/ SCREEN SILL



S1.4 ANCHOR DETAIL
8.4 FOUR-TRACK SILL

ANCHORAGE NOTES:

1. THESE INSTALLATIONS, AS SHOWN FOR ILLUSTRATIVE REFERENCES, WITH MECHANICAL ANCHORAGE, APPLIES TO EACH TRACK CONDITION FOR TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAME SYSTEMS.
2. SILL THRESHOLD TRACKS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

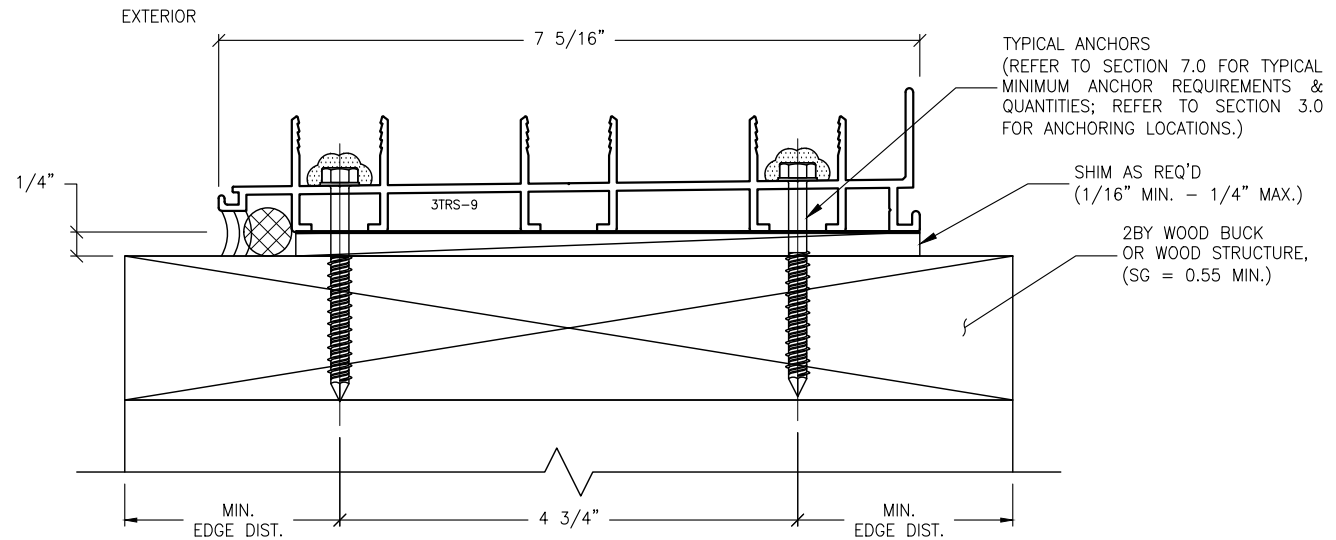
IMPOSED LOADS NOTE:

BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:

1. INTERIOR & EXTERIOR FINISHES, (BY OTHERS) ARE NOT SHOWN FOR CLARITY.
2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

S1 MECHANICAL ANCHOR, TYPE A
8.4 FOR TYPICAL SILL INTO 2BY WOOD OR WOOD STRUCTURES

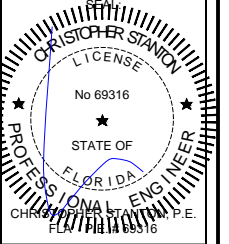


S1.3 ANCHOR DETAIL
8.4 THREE-TRACK SILL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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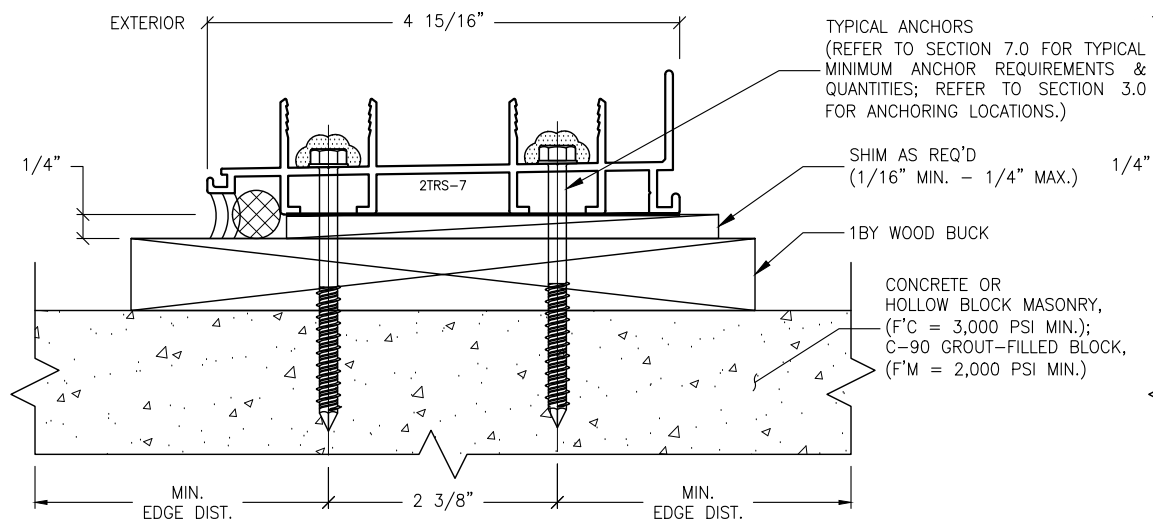
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES

2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (661) 393-1008
FAX: (661) 393-1003

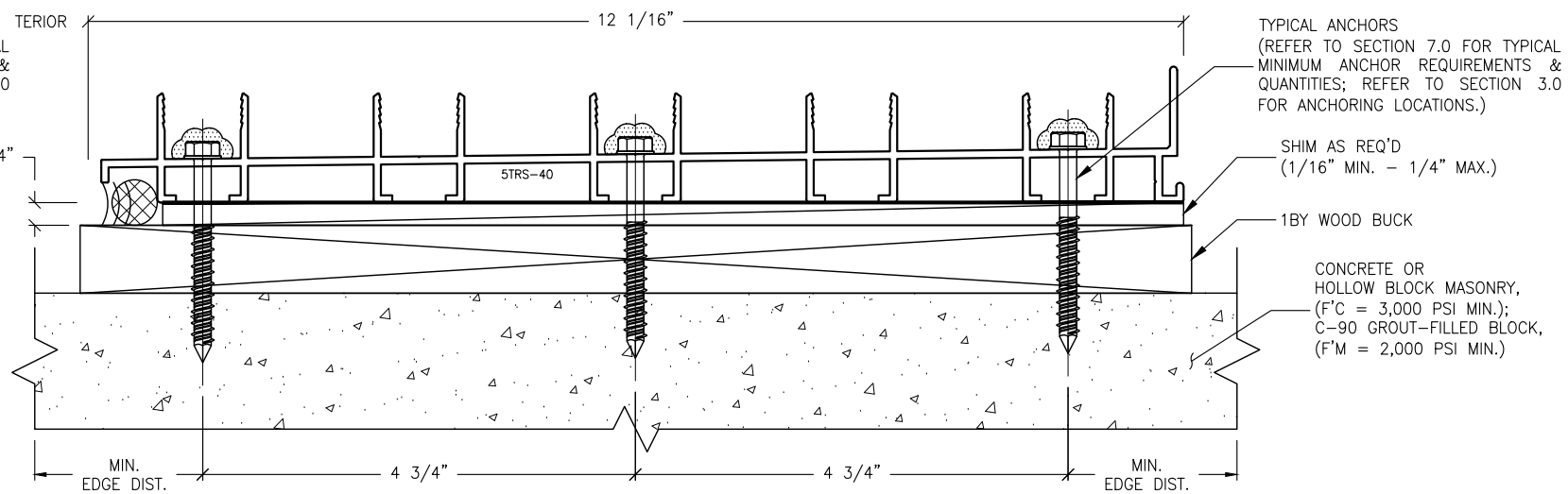
PROJECT: SLIDING GLASS DOOR SYSTEM
OWNER: VELOCITY IMPACT PRODUCTS

PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (901) 428-5740 NET: www.velocityimpactproducts.com

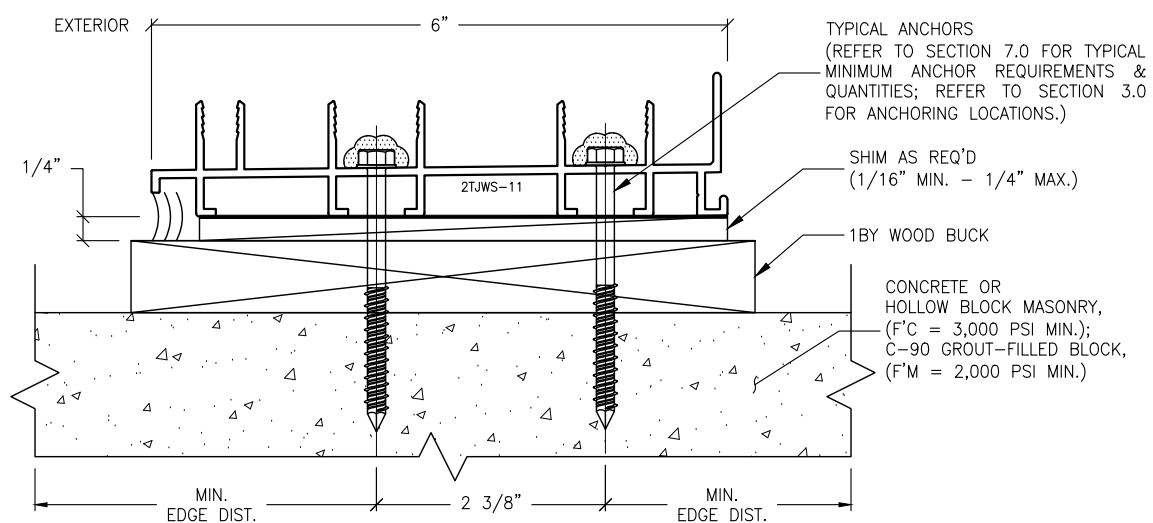
SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR DETAILS
SCALE:	6" = 1'-0" [1:2]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	8.4 29 of 42
JOB NO.	0000-00



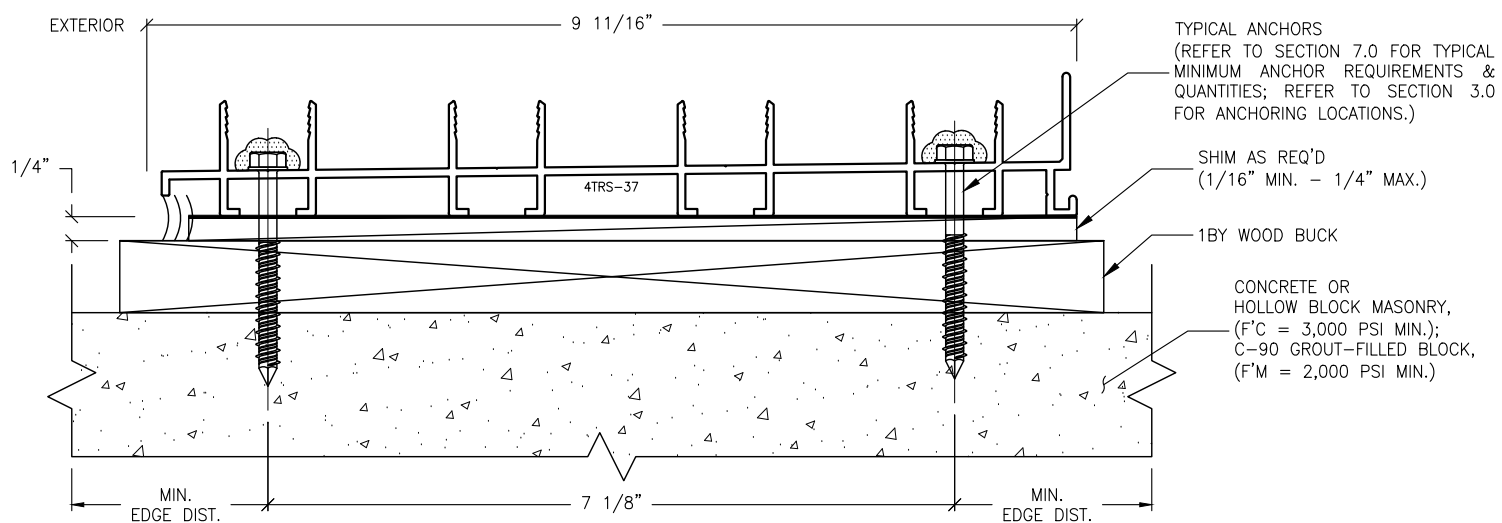
S2.1 ANCHOR DETAIL
8.5 TWO-TRACK SILL



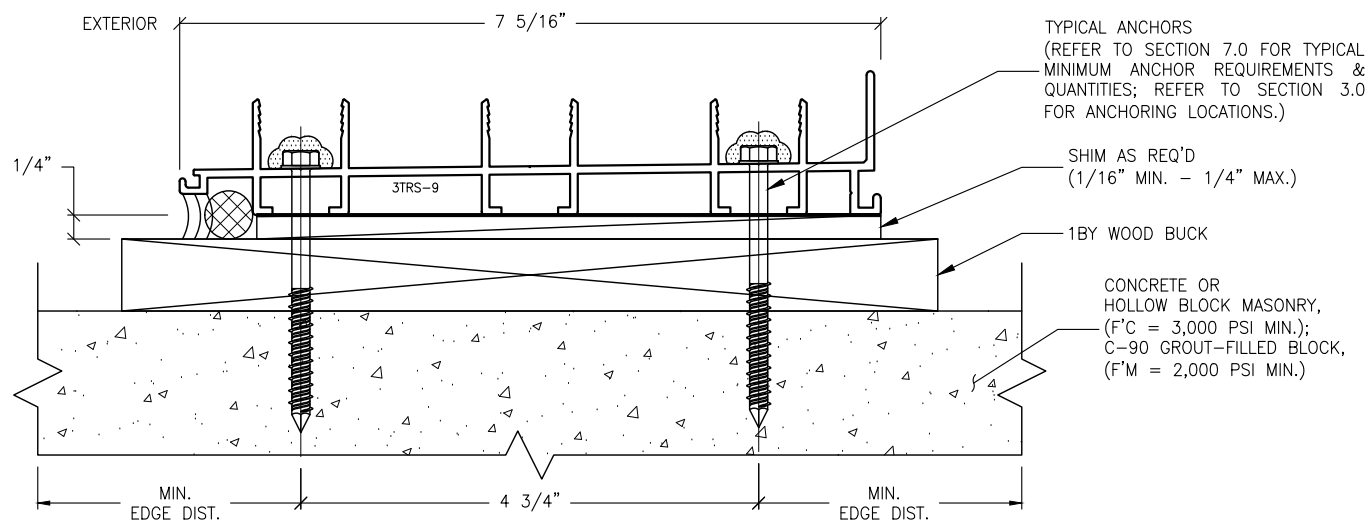
S2.5 ANCHOR DETAIL
8.5 FIVE-TRACK SILL



S2.2 ANCHOR DETAIL
8.5 TWO-TRACK W/ SCREEN SILL



S2.4 ANCHOR DETAIL
8.5 FOUR-TRACK SILL



S2.3 ANCHOR DETAIL
8.5 THREE-TRACK SILL

ANCHORAGE NOTES:

1. THESE INSTALLATIONS, AS SHOWN FOR ILLUSTRATIVE REFERENCES, WITH MECHANICAL ANCHORAGE, APPLIES TO EACH TRACK CONDITION FOR TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAME SYSTEMS.
2. SILL THRESHOLD TRACKS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

IMPOSED LOADS NOTE:

BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:

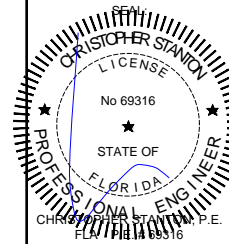
1. INTERIOR & EXTERIOR FINISHES, (BY OTHERS) ARE NOT SHOWN FOR CLARITY.
2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

S2 MECHANICAL ANCHOR, TYPE A
8.5 FOR TYPICAL SILL
THRU 1BY INTO BUILDING STRUCTURES

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
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	3		
	4		

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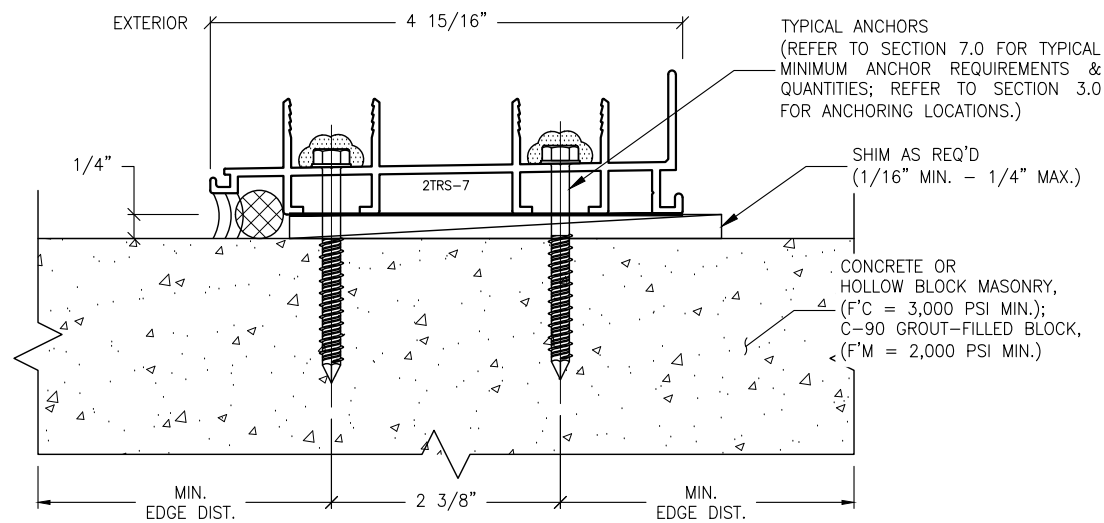
SHOP DRAWINGS ARE REVIEWED FOR STRUCTURAL REQUIREMENTS ONLY!



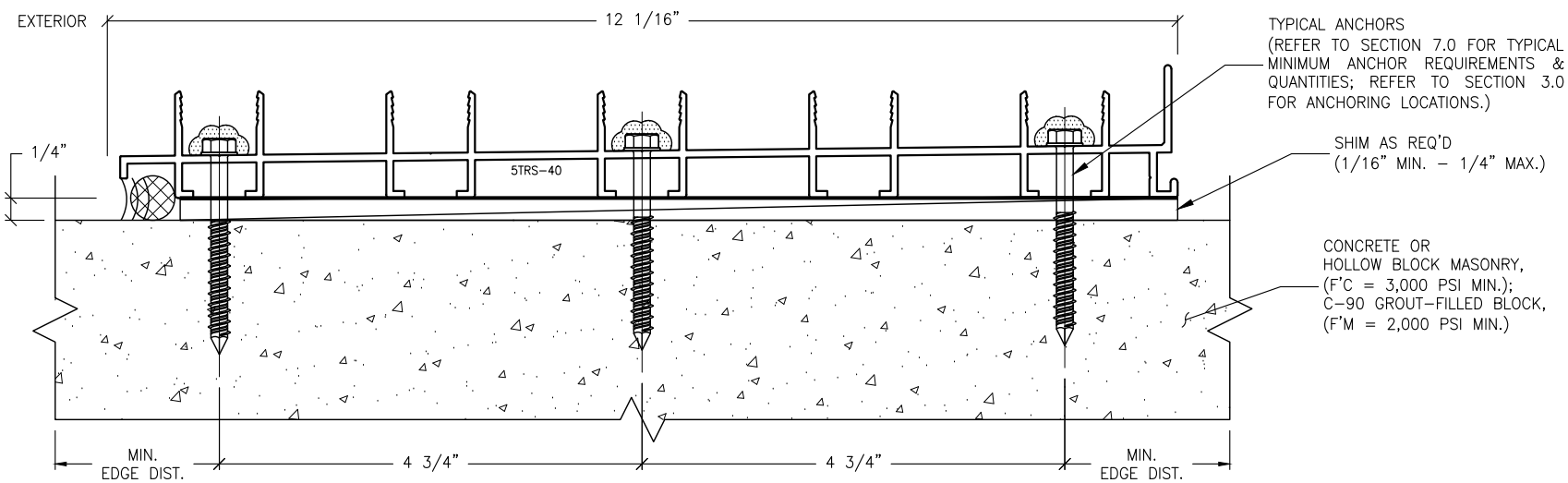
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SERIES SGD 1000
OWNER: SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

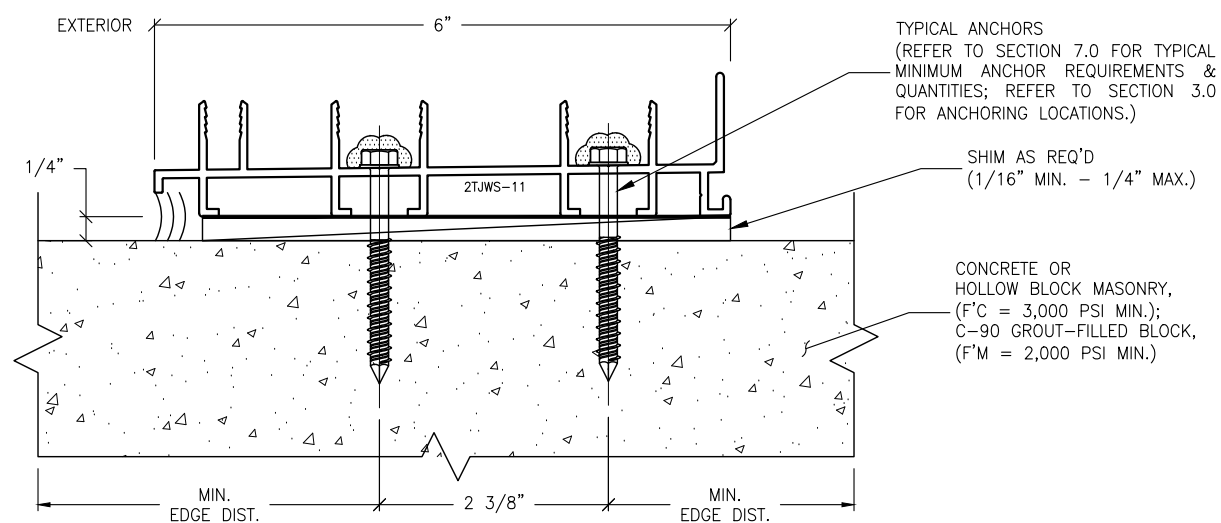
SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR DETAILS
SCALE:	6" = 1'-0" (1:2)
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	8.5
	30 of 42
	JOB NO. 0000-00



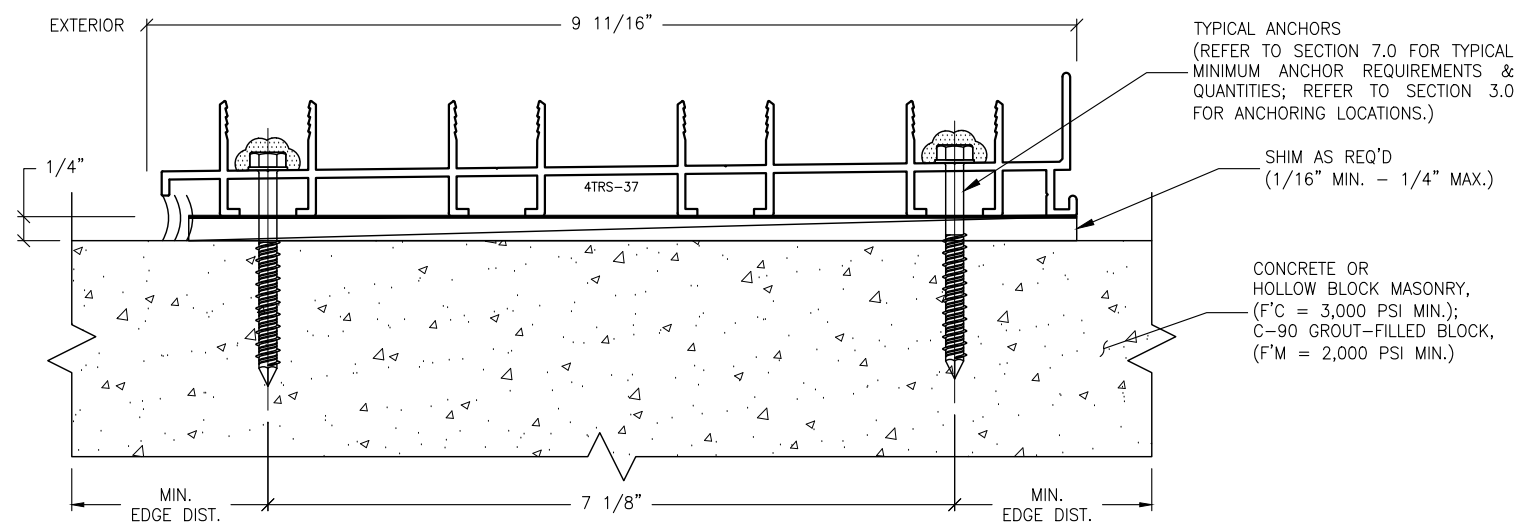
S3.1 ANCHOR DETAIL
8.6 TWO-TRACK SILL



S3.5 ANCHOR DETAIL
8.6 FIVE-TRACK SILL



S3.2 ANCHOR DETAIL
8.6 TWO-TRACK W/ SCREEN SILL



S3.4 ANCHOR DETAIL
8.6 FOUR-TRACK SILL

ANCHORAGE NOTES:

1. THESE INSTALLATIONS, AS SHOWN FOR ILLUSTRATIVE REFERENCES, WITH MECHANICAL ANCHORAGE, APPLIES TO EACH TRACK CONDITION FOR TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAME SYSTEMS.
2. SILL THRESHOLD TRACKS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

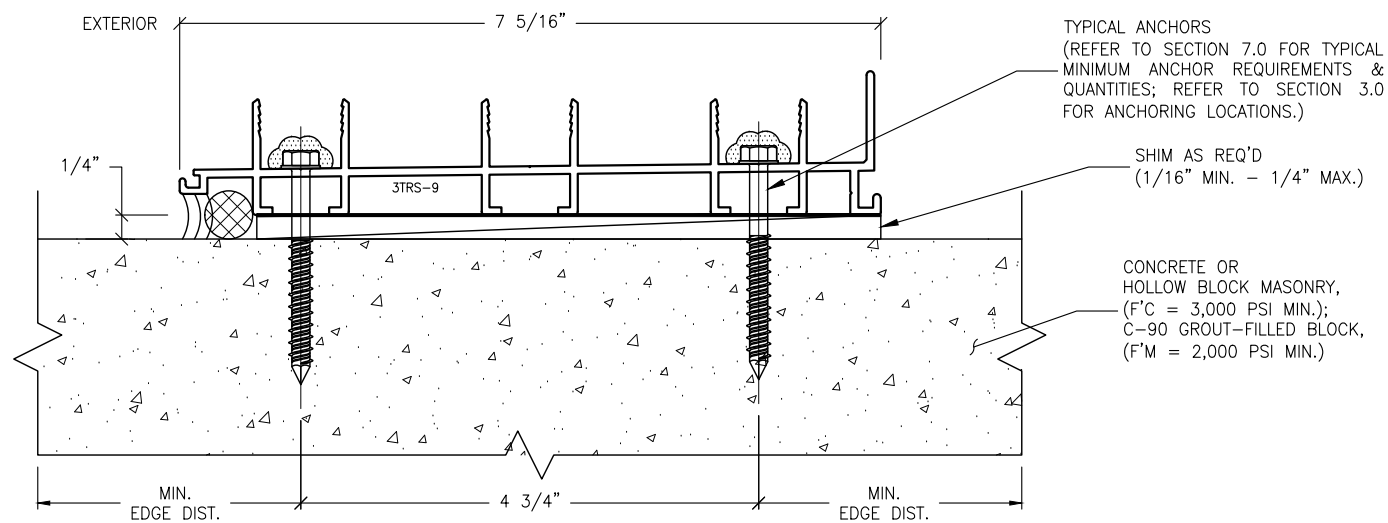
IMPOSED LOADS NOTE:

BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:

1. INTERIOR & EXTERIOR FINISHES, (BY OTHERS) ARE NOT SHOWN FOR CLARITY.
2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

S3 MECHANICAL ANCHOR, TYPE B
8.6 FOR TYPICAL SILL INTO CONCRETE OR MASONRY STRUCTURES

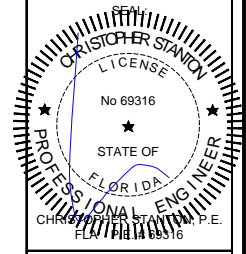


S3.3 ANCHOR DETAIL
8.6 THREE-TRACK SILL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
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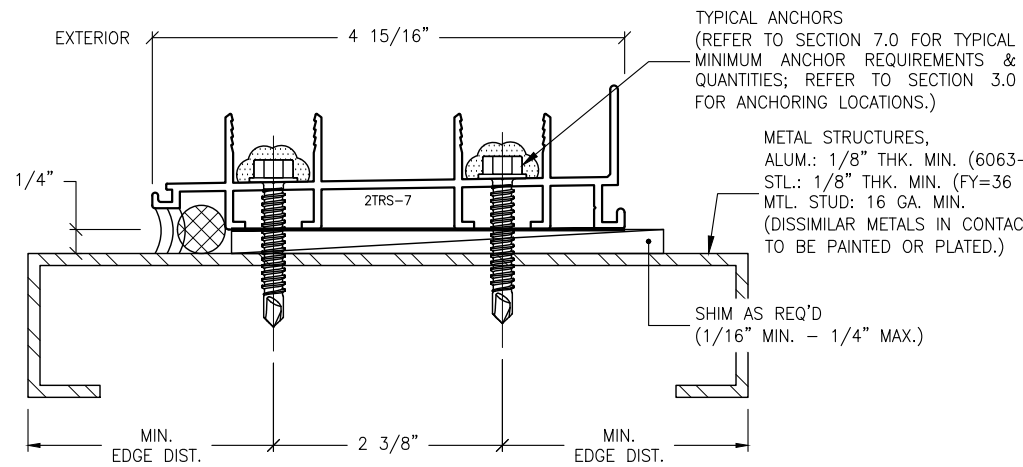
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES

2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (661) 393-1008
FAX: (661) 393-1003

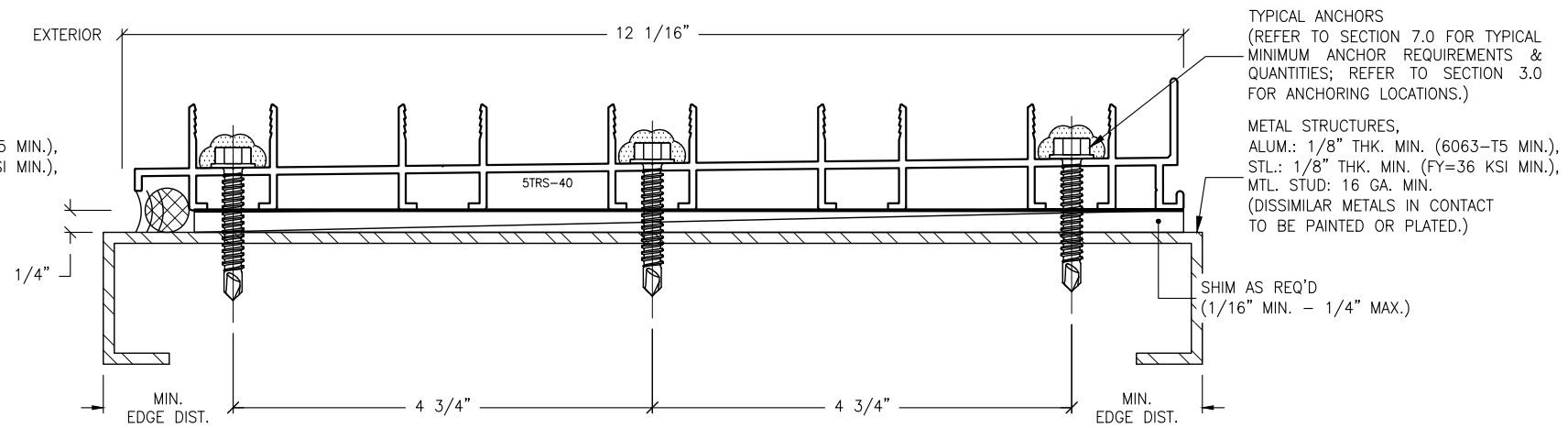
PROJECT: SLIDING GLASS DOOR SYSTEM
OWNER: VELOCITY IMPACT PRODUCTS

2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
TEL: (901) 428-5740 NET: www.velocityimpactproducts.com

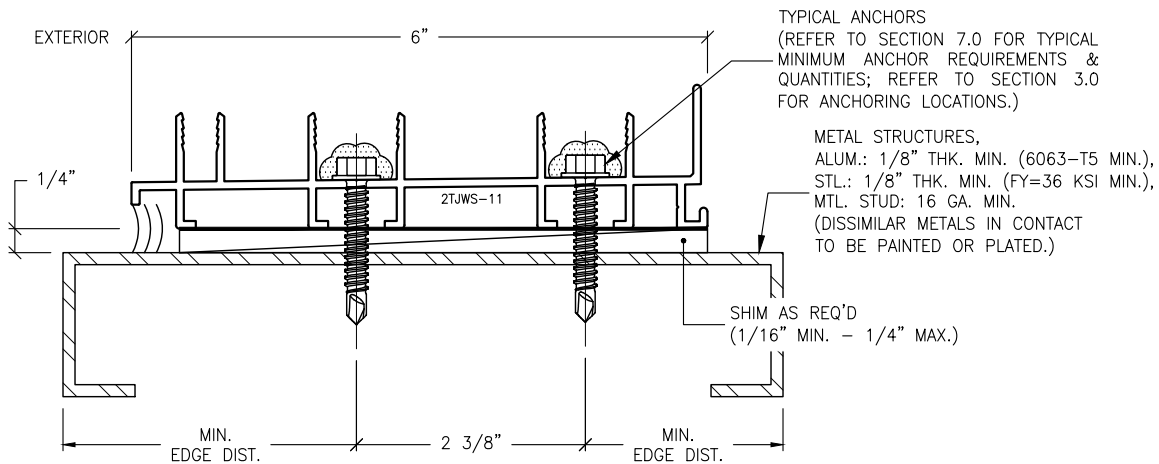
SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR DETAILS
SCALE:	6" = 1'-0" (1:2)
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	8.6
	31 of 42
	JOB NO. 0000-00



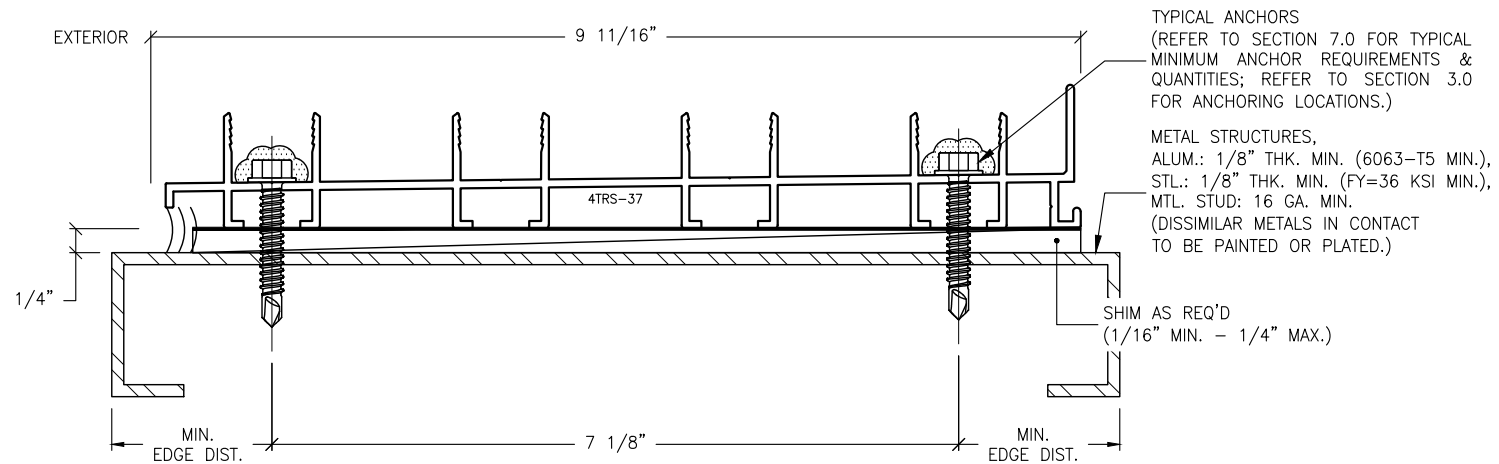
S4.1 ANCHOR DETAIL
8.7 TWO-TRACK SILL



S4.5 ANCHOR DETAIL
8.7 FIVE-TRACK SILL



S4.2 ANCHOR DETAIL
8.7 TWO-TRACK W/ SCREEN SILL



S4.4 ANCHOR DETAIL
8.7 FOUR-TRACK SILL

ANCHORAGE NOTES:

1. THESE INSTALLATIONS, AS SHOWN FOR ILLUSTRATIVE REFERENCES, WITH MECHANICAL ANCHORAGE, APPLIES TO EACH TRACK CONDITION FOR TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAME SYSTEMS.
2. SILL THRESHOLD TRACKS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

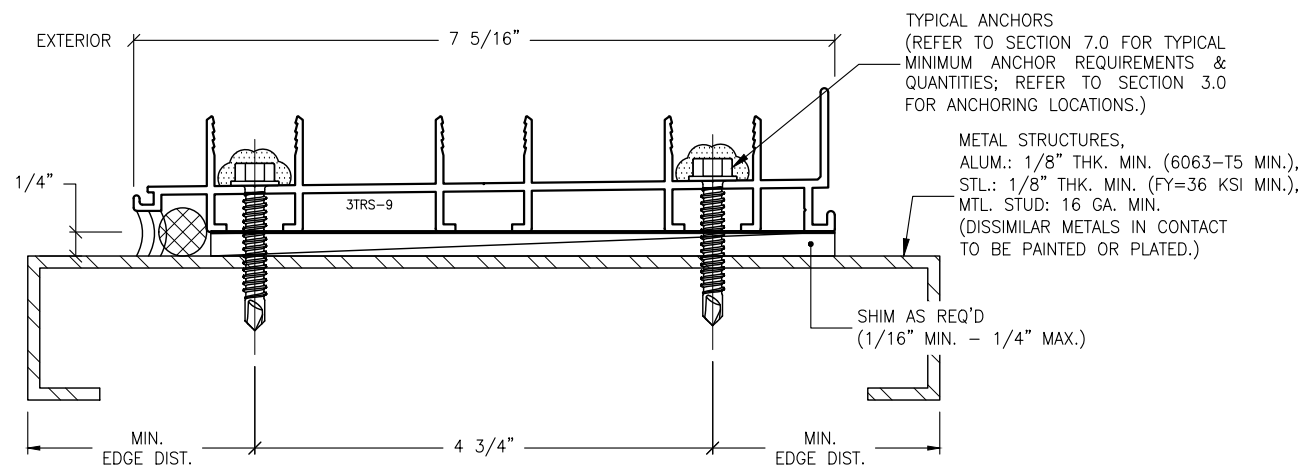
IMPOSED LOADS NOTE:

BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:

1. INTERIOR & EXTERIOR FINISHES, (BY OTHERS) ARE NOT SHOWN FOR CLARITY.
2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

S4 MECHANICAL ANCHOR, TYPE C
8.7 FOR TYPICAL SILL INTO METAL STRUCTURES

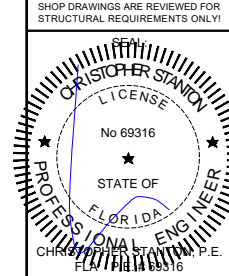


S4.3 ANCHOR DETAIL
8.7 THREE-TRACK SILL

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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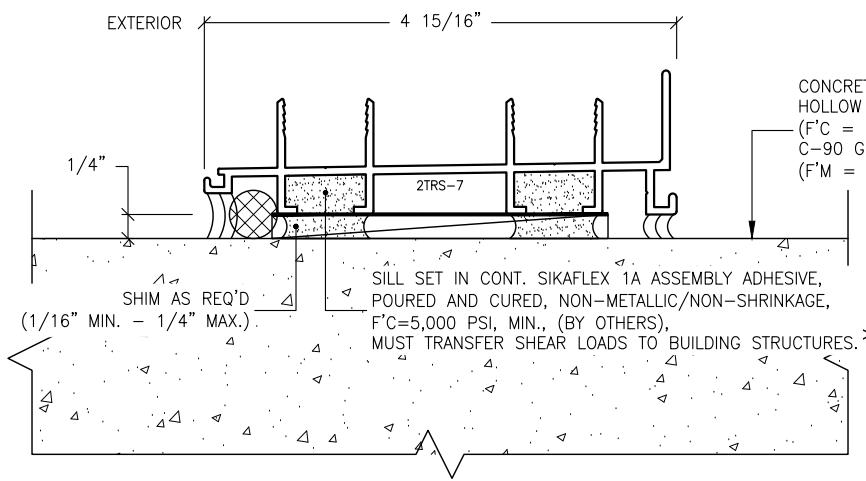
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES

2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1003
FAX: (561) 393-1008

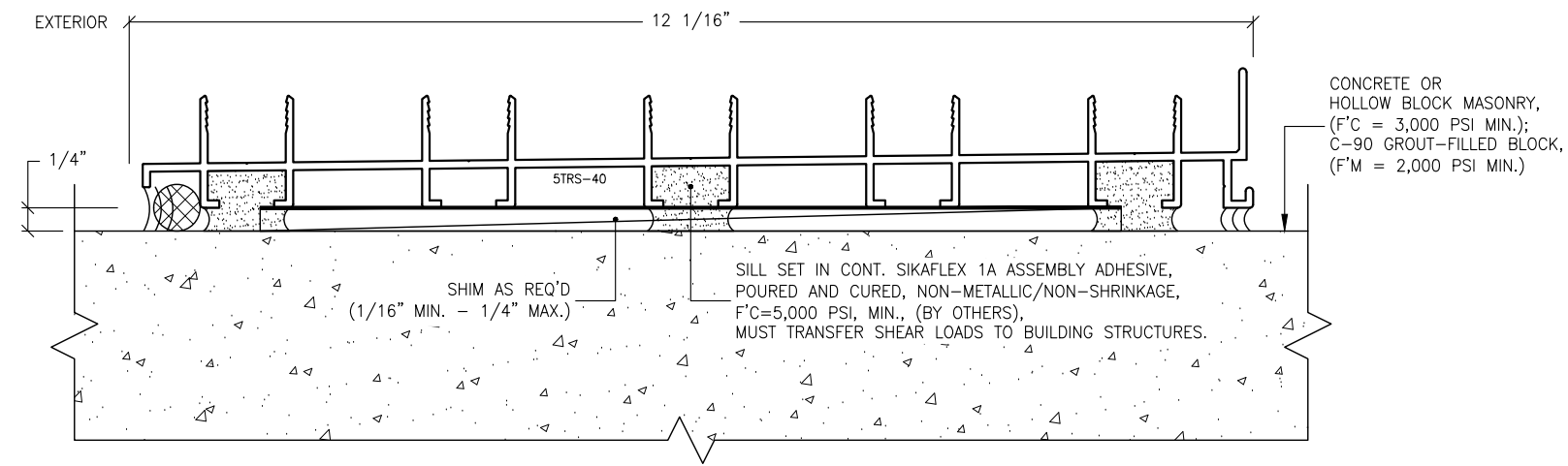
PROJECT: SERIES SGD 1000
OWNER: SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1

VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

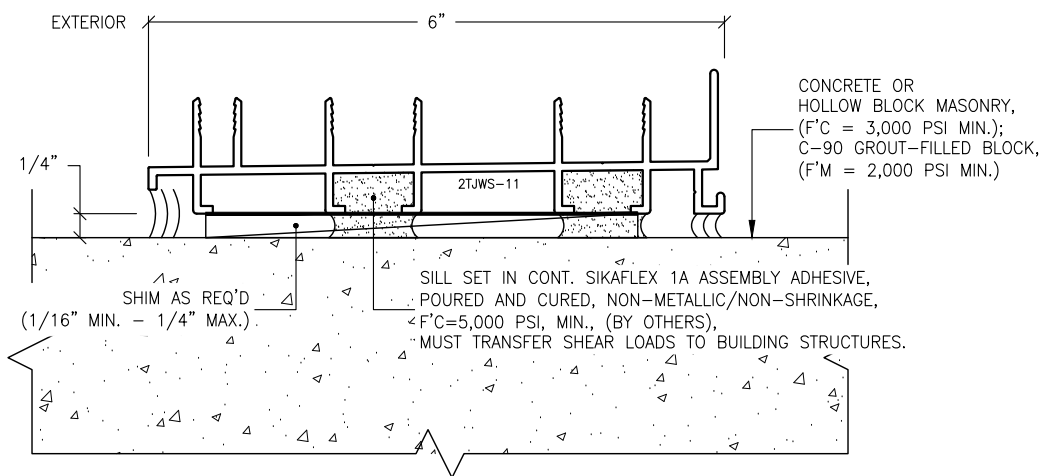
SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR DETAILS
SCALE:	6" = 1'-0" [1:2]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	8.7 32 of 42
JOB NO.	0000-00



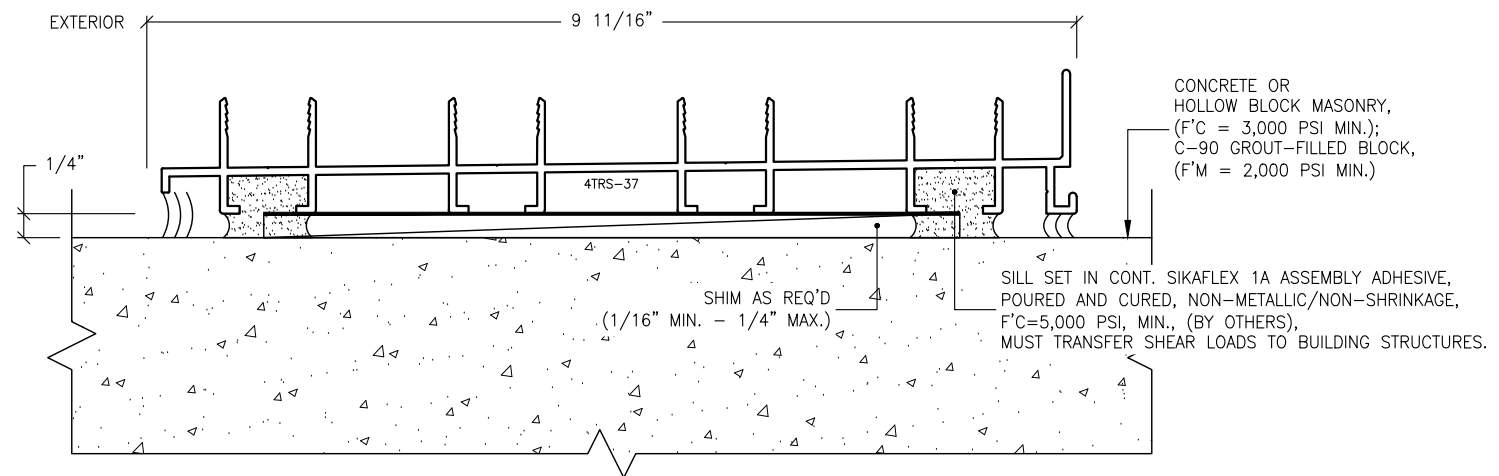
S5.1 ADHESIVE ANCHORAGE DETAIL
8.8 TWO-TRACK SILL



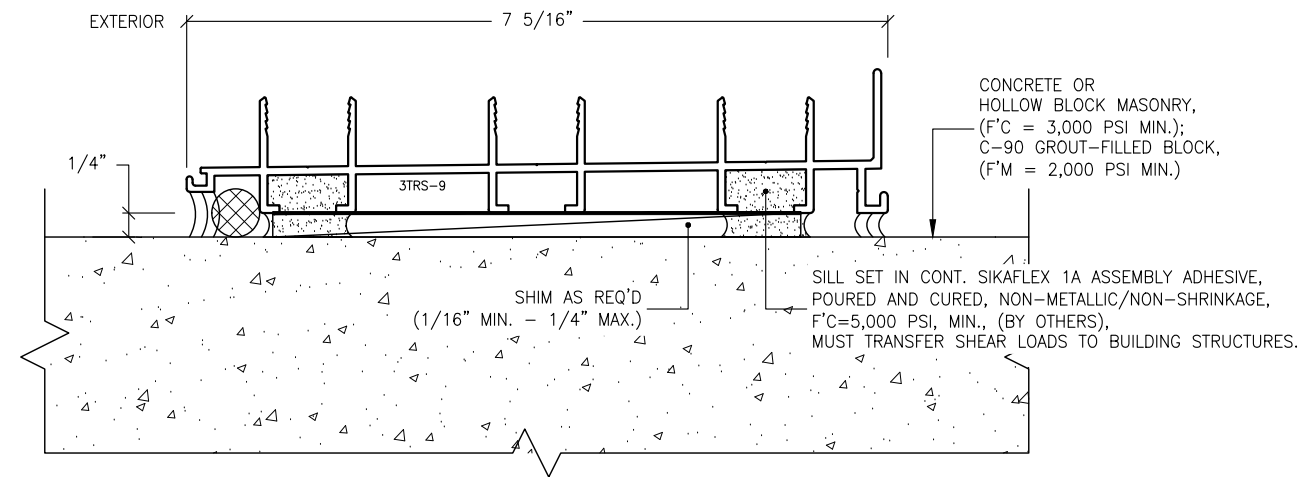
S5.5 ADHESIVE ANCHORAGE DETAIL
8.8 FIVE-TRACK SILL



S5.2 ADHESIVE ANCHORAGE DETAIL
8.8 TWO-TRACK W/ SCREEN SILL



S5.4 ADHESIVE ANCHORAGE DETAIL
8.8 FOUR-TRACK SILL



S5.3 ADHESIVE ANCHORAGE DETAIL
8.8 THREE-TRACK SILL

ANCHORAGE NOTES:

1. THIS INSTALLATION, AS SHOWN FOR ILLUSTRATIVE REFERENCE, WITHOUT MECHANICAL ANCHORAGE, APPLIES ONLY TO SILL THRESHOLD TRACK CONDITIONS FOR TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAME SYSTEMS.
2. SILL THRESHOLD TRACKS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

IMPOSED LOADS NOTE:

BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:

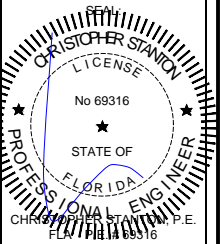
1. INTERIOR & EXTERIOR FINISHES, (BY OTHERS) ARE NOT SHOWN FOR CLARITY.
2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

S5 ADHESIVE ANCHORAGE, TYPE D
8.8 FOR TYPICAL SILL INTO CONCRETE OR MASONRY STRUCTURES

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
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STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1003
FAX: (561) 393-1008

PROJECT: SERIES SGD 1000
OWNER: SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

CHECKED BY: CS

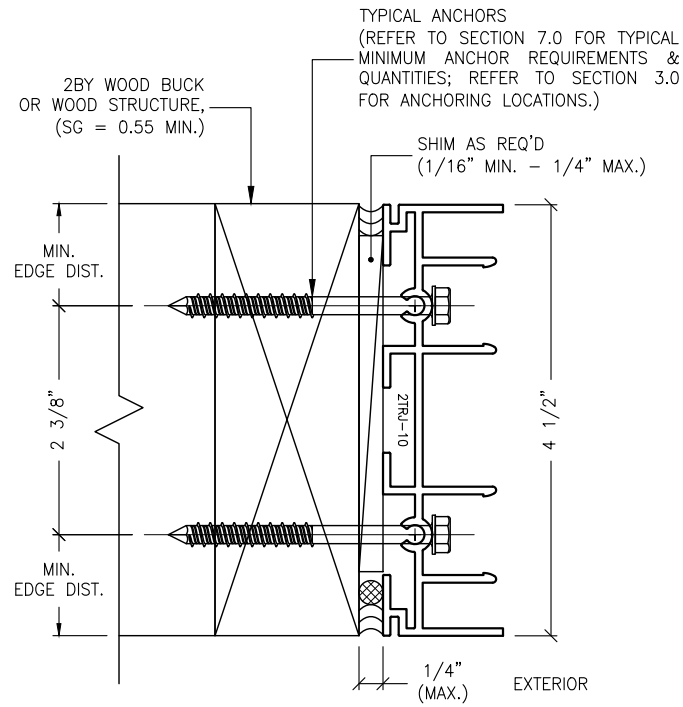
DESCRIPTION
ANCHOR DETAILS

SCALE: 6" = 1'-0" [1:2]

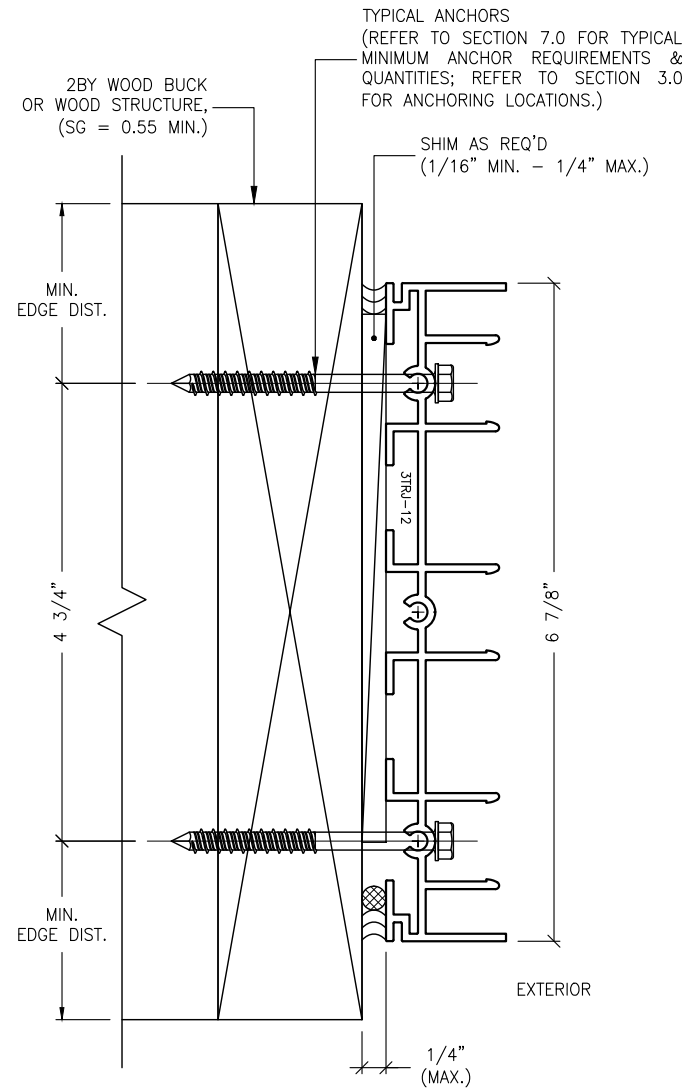
PLOT SIZE: ANSI B (11" X 17")

SHEET NO.

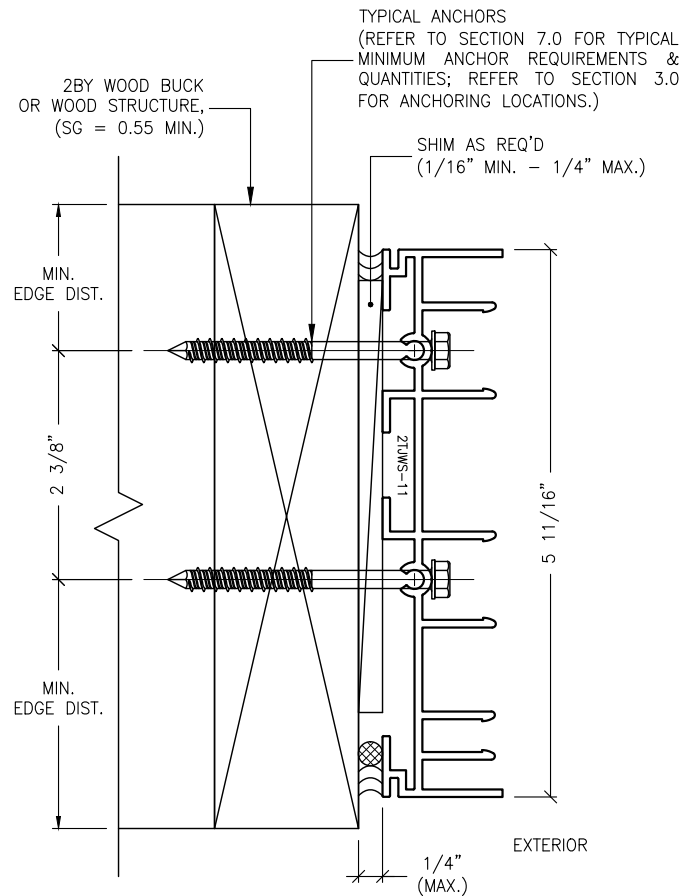
8.8 33 of 42
JOB NO. 0000-00



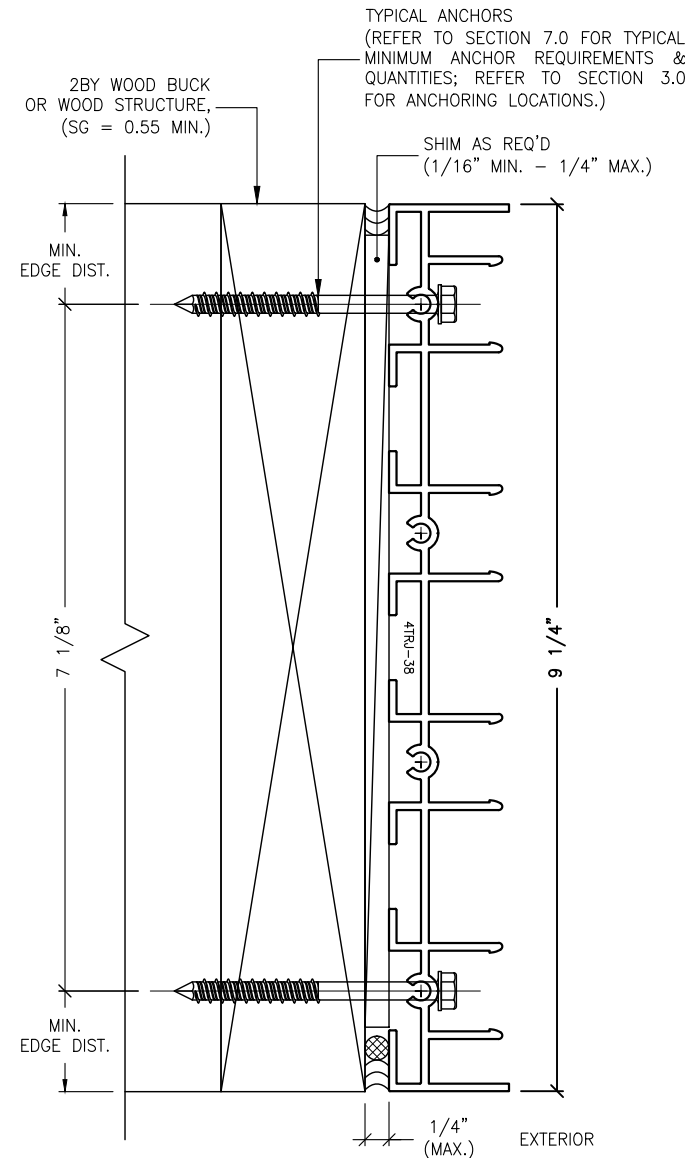
J1.1 ANCHOR DETAIL
8.9 TWO-TRACK JAMB



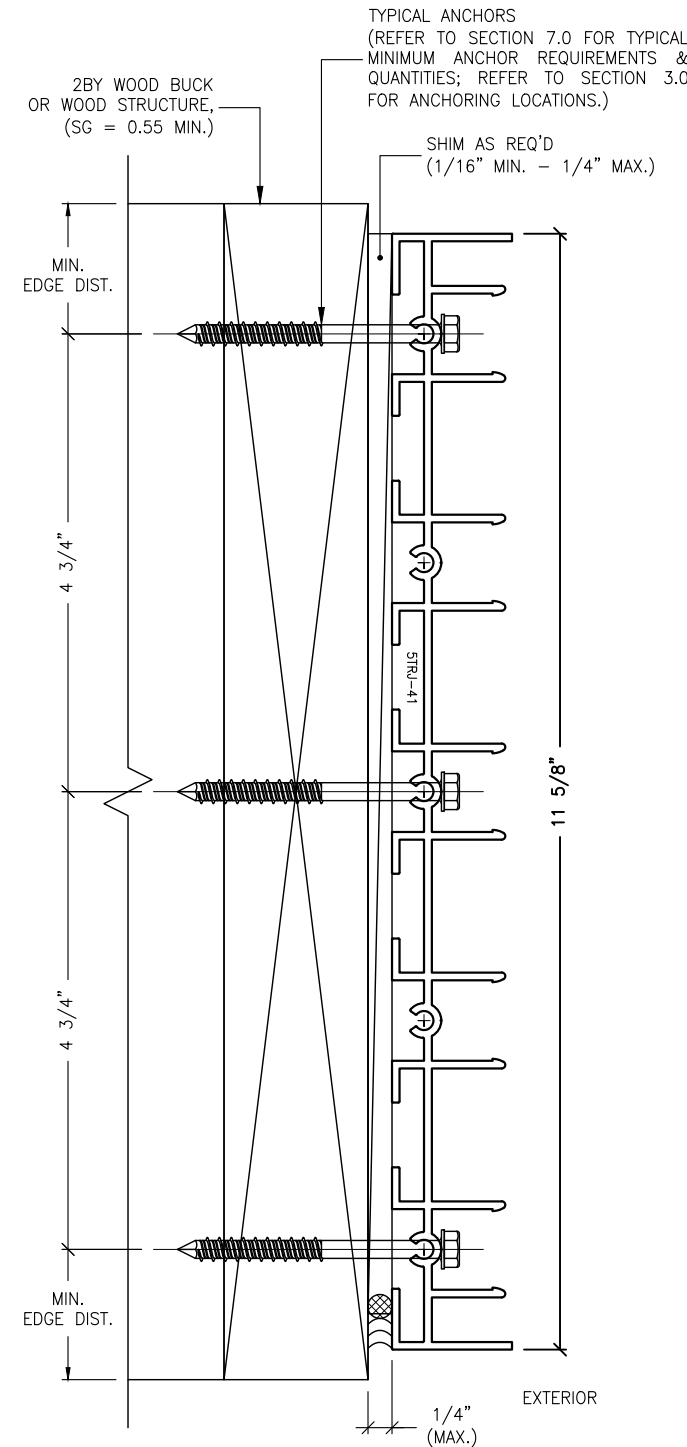
J1.3 ANCHOR DETAIL
8.9 THREE-TRACK JAMB



J1.2 ANCHOR DETAIL
8.9 TWO-TRACK W/ SCREEN JAMB



J1.4 ANCHOR DETAIL
8.9 FOUR-TRACK JAMB



J1.5 ANCHOR DETAIL
8.9 FIVE-TRACK JAMB

IMPOSED LOADS NOTE:
BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:
1. INTERIOR & EXTERIOR FINISHES, (BY OTHERS) ARE NOT SHOWN FOR CLARITY.
2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

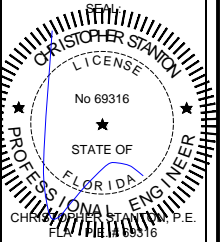
ANCHORAGE NOTES:
1. THIS INSTALLATION, AS SHOWN FOR ILLUSTRATIVE REFERENCE, WITHOUT MECHANICAL ANCHORAGE, APPLIES ONLY TO SILL THRESHOLD TRACK CONDITIONS FOR TWO-TRACK, TWO-TRACK WITH SCREEN, THREE-TRACK, FOUR-TRACK & FIVE-TRACK FRAME SYSTEMS.
2. THESE JAMBS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

J1 MECHANICAL ANCHOR, TYPE A
8.9 FOR TYPICAL JAMBS INTO 2BY WOOD OR WOOD STRUCTURES

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
	2		
	3		
	4		

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STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SLIDING GLASS DOOR SYSTEM
OWNER: VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

CHECKED BY: CS

DESCRIPTION
ANCHOR DETAILS

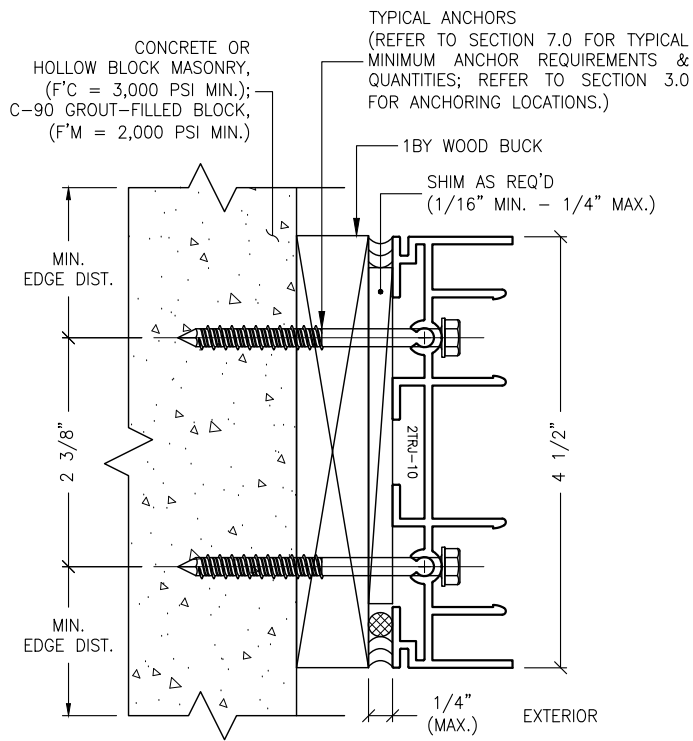
SCALE: 6" = 1'-0" [1:2]

PLOT SIZE: ANSI B (11" X 17")

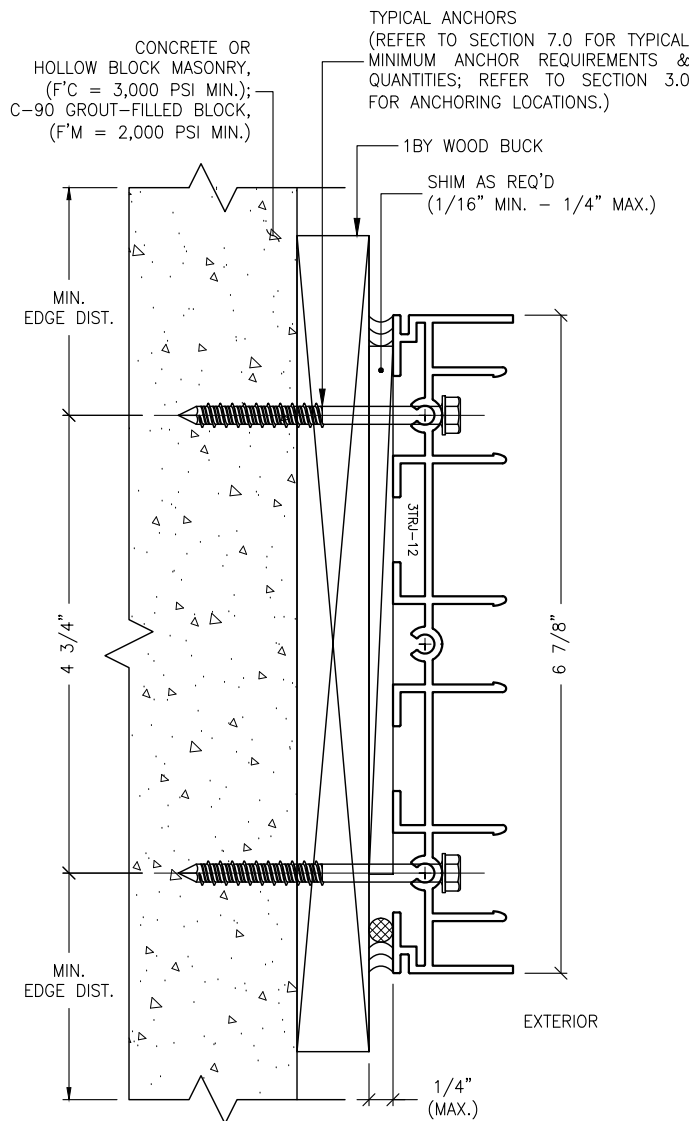
SHEET NO.

8.9 34 of 42

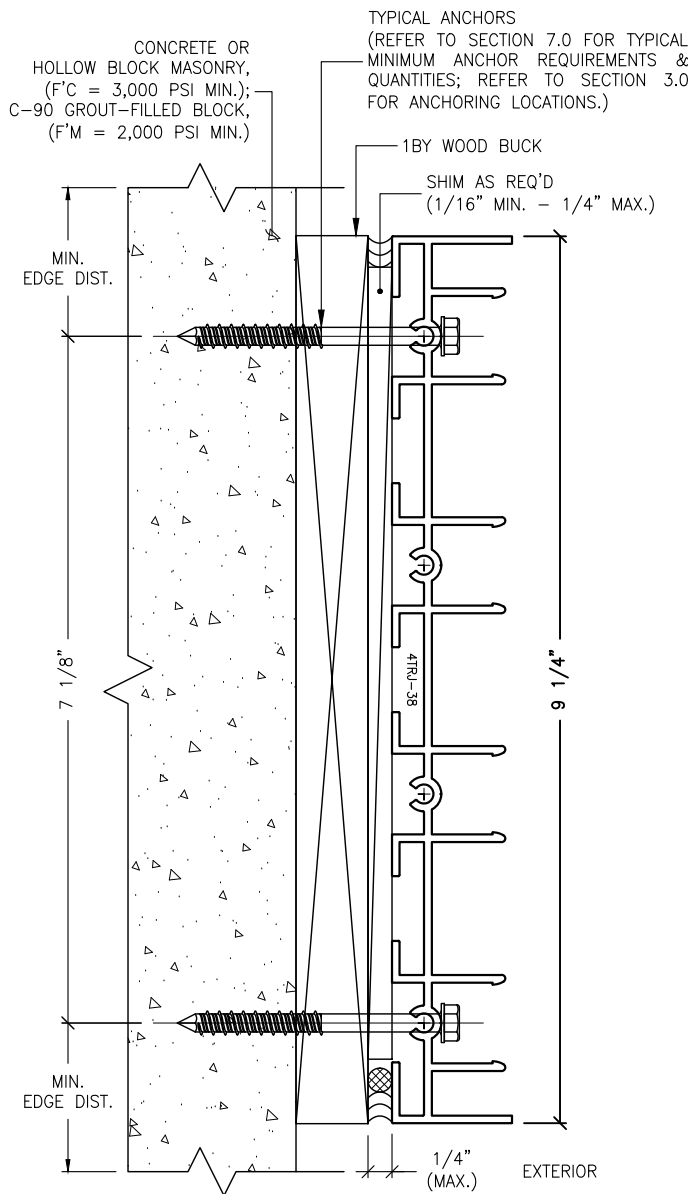
JOB NO. 0000-00



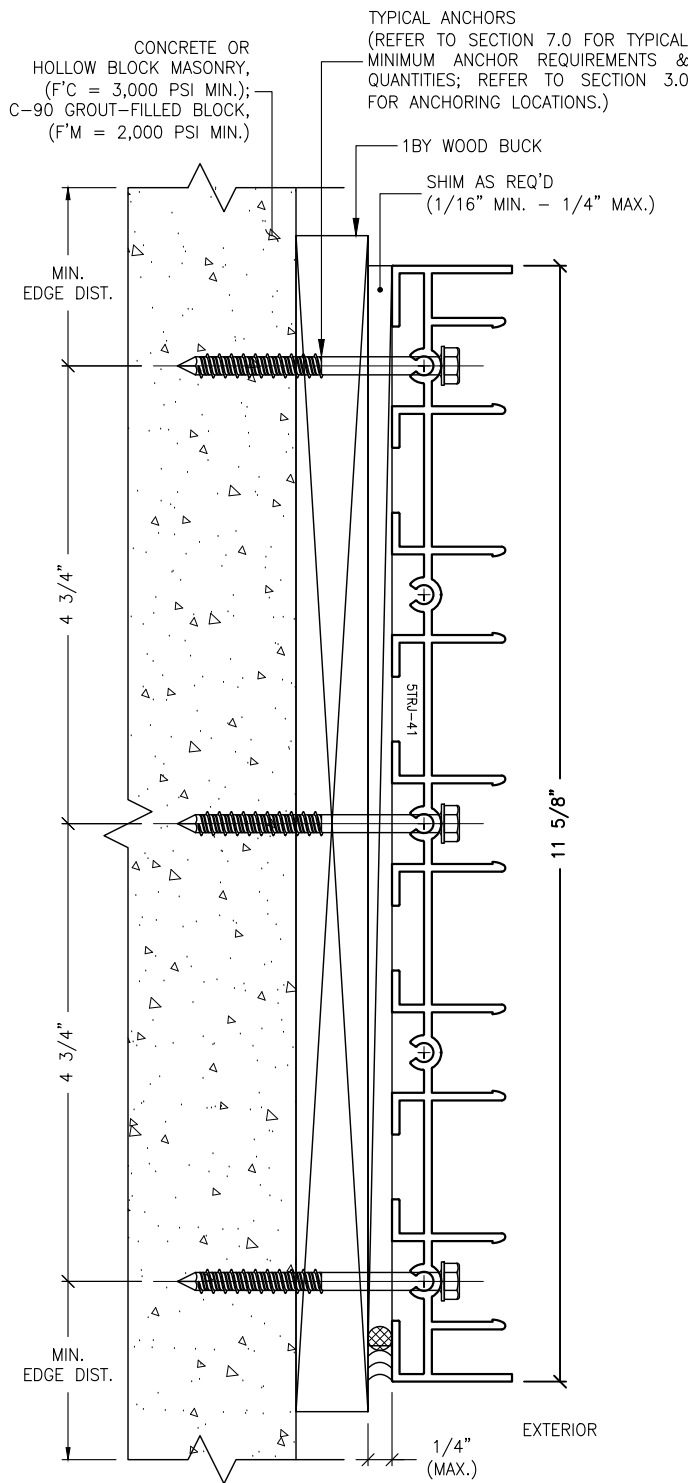
J2.1 ANCHOR DETAIL
8.10 TWO-TRACK JAMB



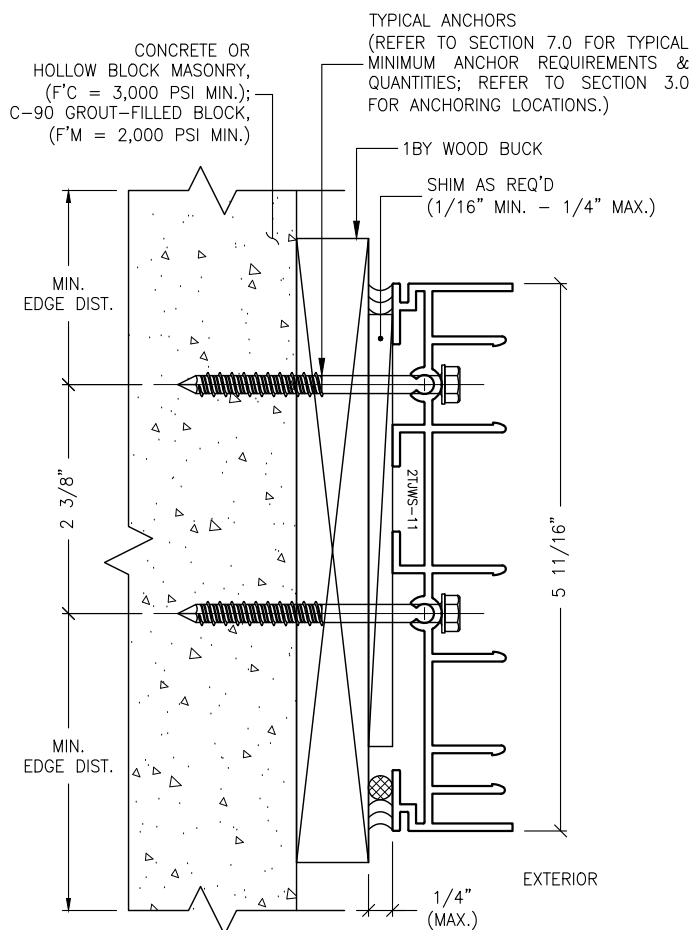
J2.3 ANCHOR DETAIL
8.10 THREE-TRACK JAMB



J1.4 ANCHOR DETAIL
8.10 FOUR-TRACK JAMB



J1.5 ANCHOR DETAIL
8.10 FIVE-TRACK JAMB



J2.2 ANCHOR DETAIL
8.10 TWO-TRACK W/ SCREEN JAMB

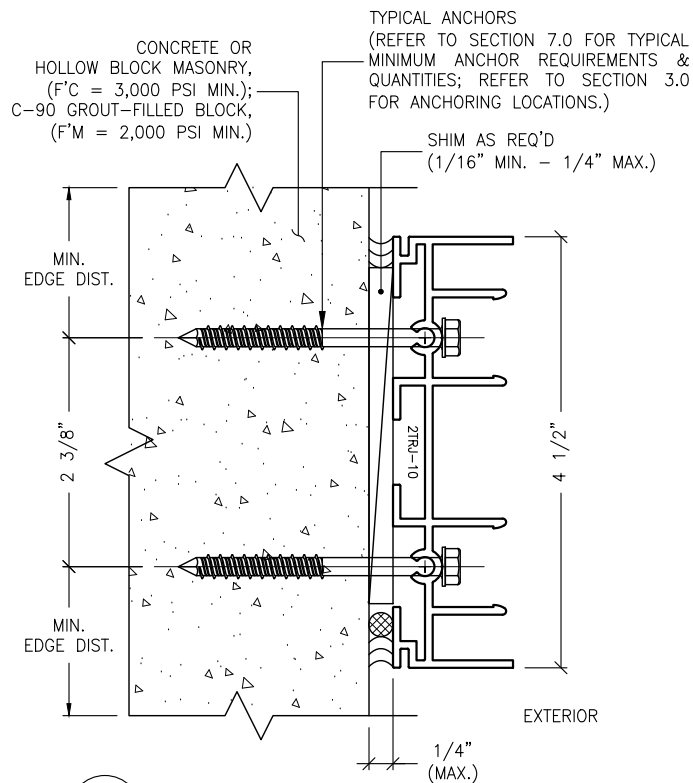
IMPOSED LOADS NOTE:
BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:
1. INTERIOR & EXTERIOR FINISHES, (BY OTHERS) ARE NOT SHOWN FOR CLARITY.
2. PERIMETER & JOINT SEALANTS, (BY OTHERS) TO BE RECOMMENDED IN ACCORDANCE PER ASTM E2112.
3. WATER-PROOFING (BY OTHERS).

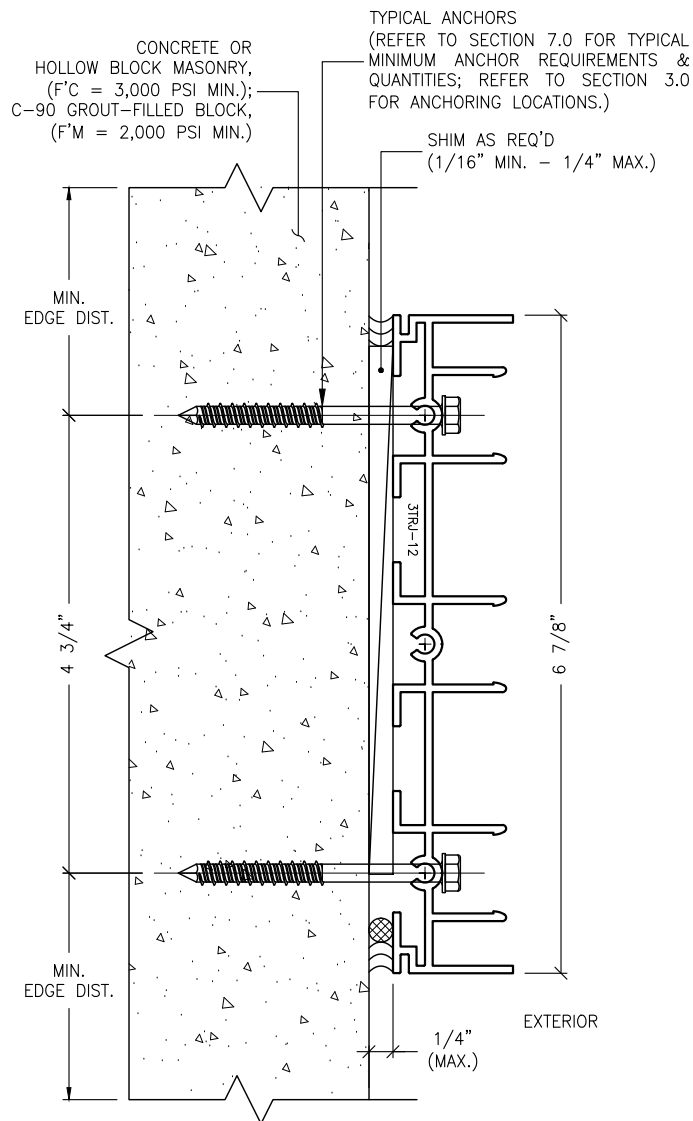
ANCHORAGE NOTES:
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2. THESE JAMBS SHALL BE INSTALLED ONTO ADEQUATELY PREPARED SUBSTRATES, DESIGNED TO WITHSTAND IMPOSED WIND LOADS REQUIREMENTS PER THE FLORIDA BUILDING CODE, (FBC) AND IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD.

J2 MECHANICAL ANCHOR, TYPE A
8.10 FOR TYPICAL JAMBS
THRU 1BY INTO BUILDING STRUCTURES

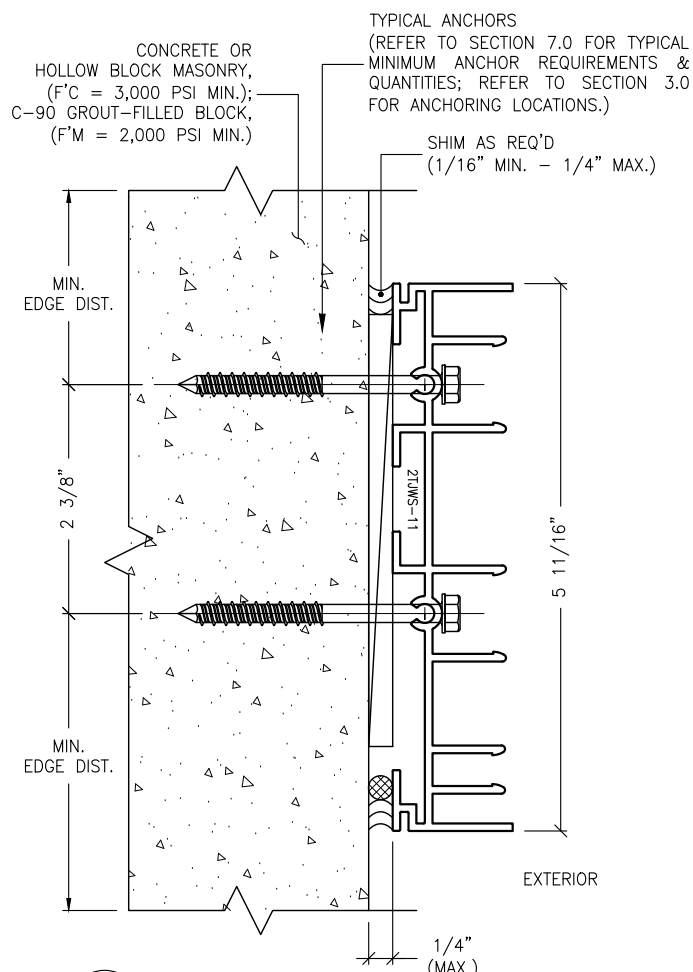
REVISIONS:	DESCRIPTION:
NO. DATE	
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STANTON ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES 2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204 BOCA RATON, FLORIDA 33431 TEL: (561) 393-1008 FAX: (561) 393-1003 CHRISTOPHER STANTON, P.E. FL # 14189316	
PROJECT:	OWNER:
SERIES SGD 1000	VELOCITY IMPACT PRODUCTS
SLIDING GLASS DOOR SYSTEM	2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1	TEL: (561) 4285740 NET: www.velocityimpactproducts.com
SUBMIT DATE: 01APR2019	
DRAWN BY: KJT	
CHECKED BY: CS	
DESCRIPTION ANCHOR DETAILS	
SCALE: 6" = 1'-0" (1:2)	
PLOT SIZE: ANSI B (11" X 17")	
SHEET NO. 8.10 35 of 42	
JOB NO. 0000-00	



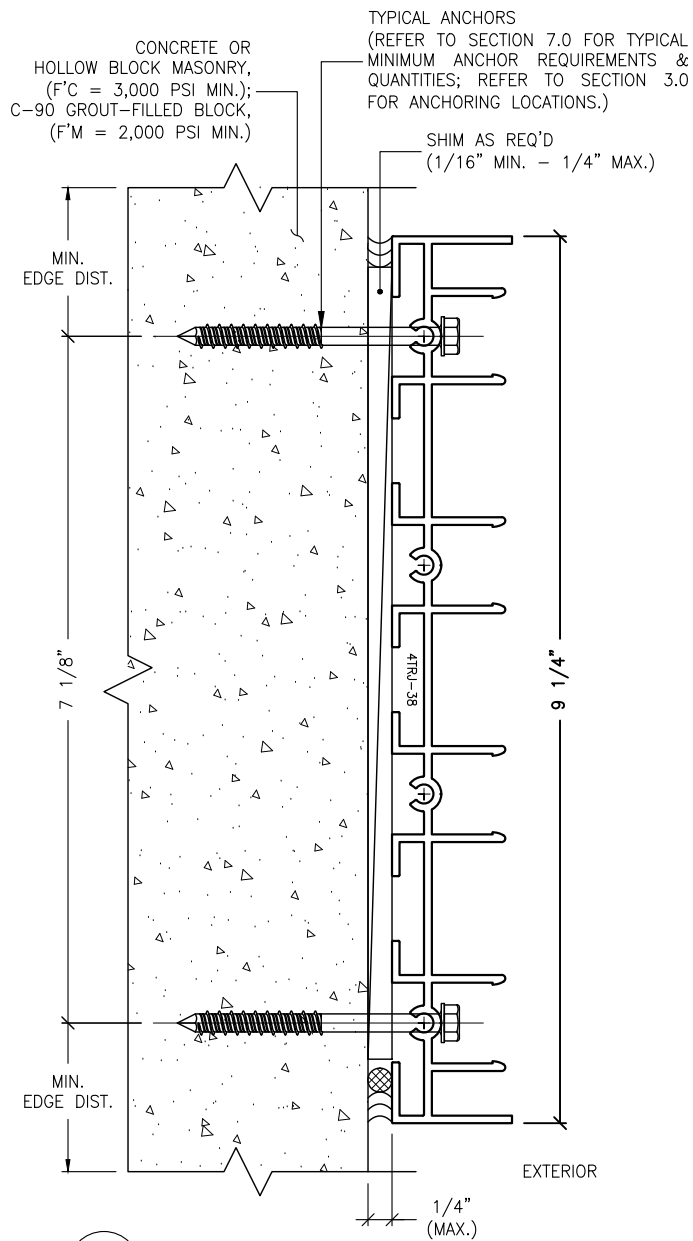
J3.1 ANCHOR DETAIL
8.11 TWO-TRACK JAMB



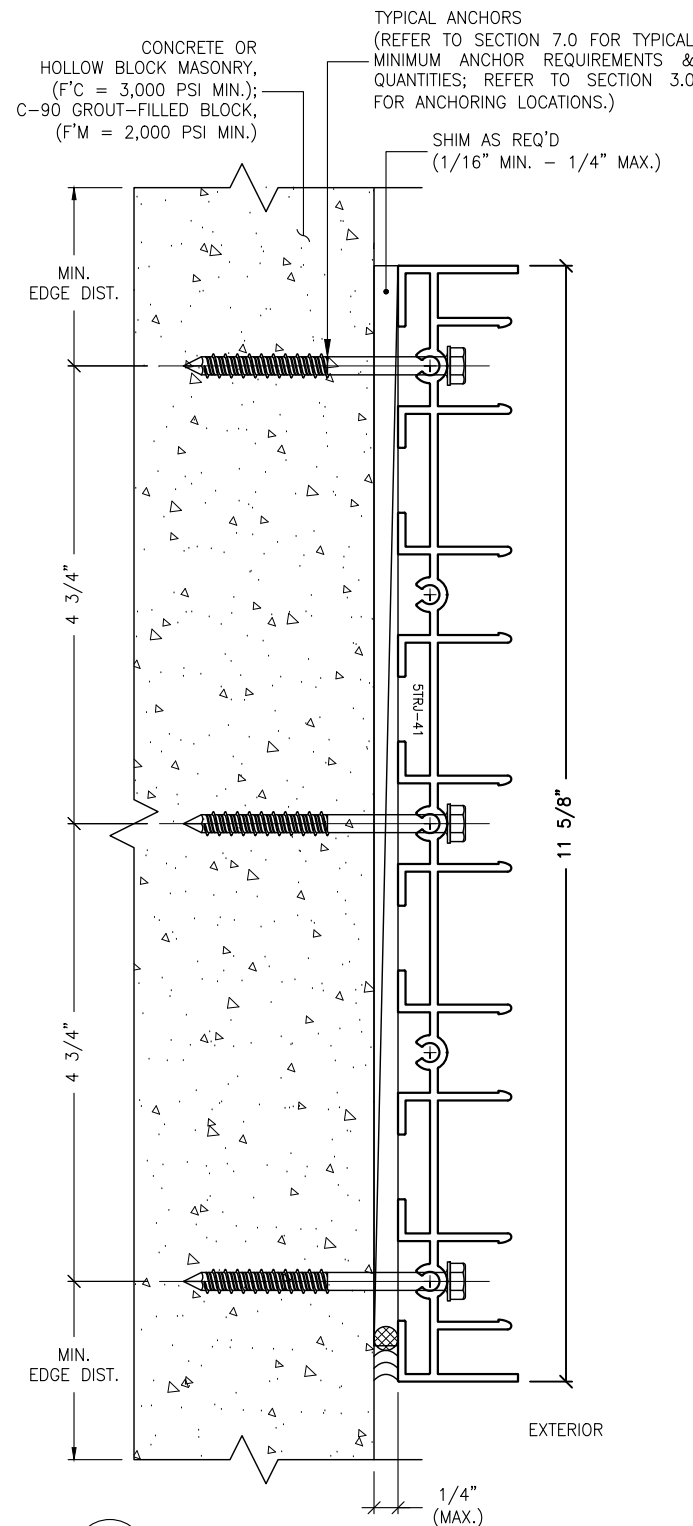
J3.3 ANCHOR DETAIL
8.11 THREE-TRACK JAMB



J3.2 ANCHOR DETAIL
8.11 TWO-TRACK W/ SCREEN JAMB



J1.4 ANCHOR DETAIL
8.11 FOUR-TRACK JAMB



J1.5 ANCHOR DETAIL
8.11 FIVE-TRACK JAMB

IMPOSED LOADS NOTE:
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3. WATER-PROOFING (BY OTHERS).

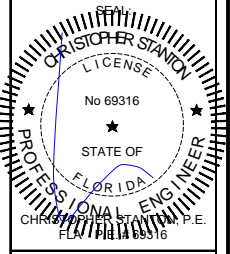
ANCHORAGE NOTES:
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J3 **MECHANICAL ANCHOR, TYPE B**
8.11 FOR TYPICAL JAMBS INTO CONCRETE OR MASONRY STRUCTURES

REVISIONS:	NO.	DATE	DESCRIPTION
	1		
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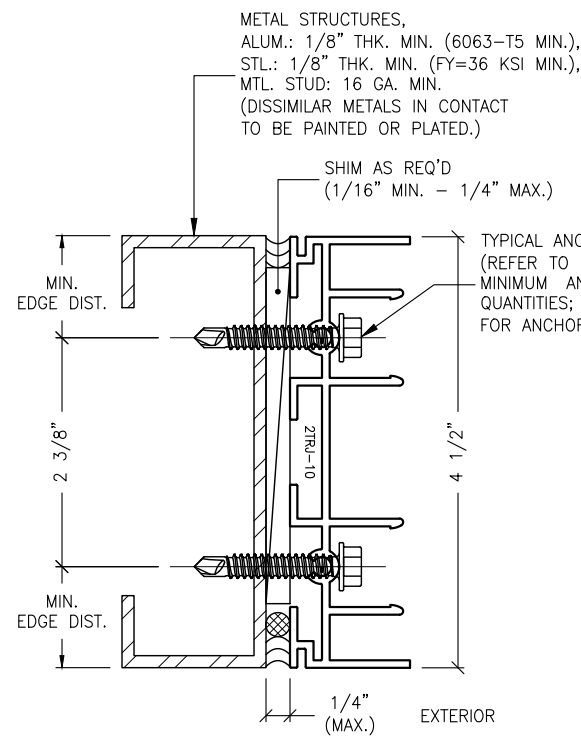
SHOP DRAWINGS ARE REVIEWED FOR STRUCTURAL REQUIREMENTS ONLY!



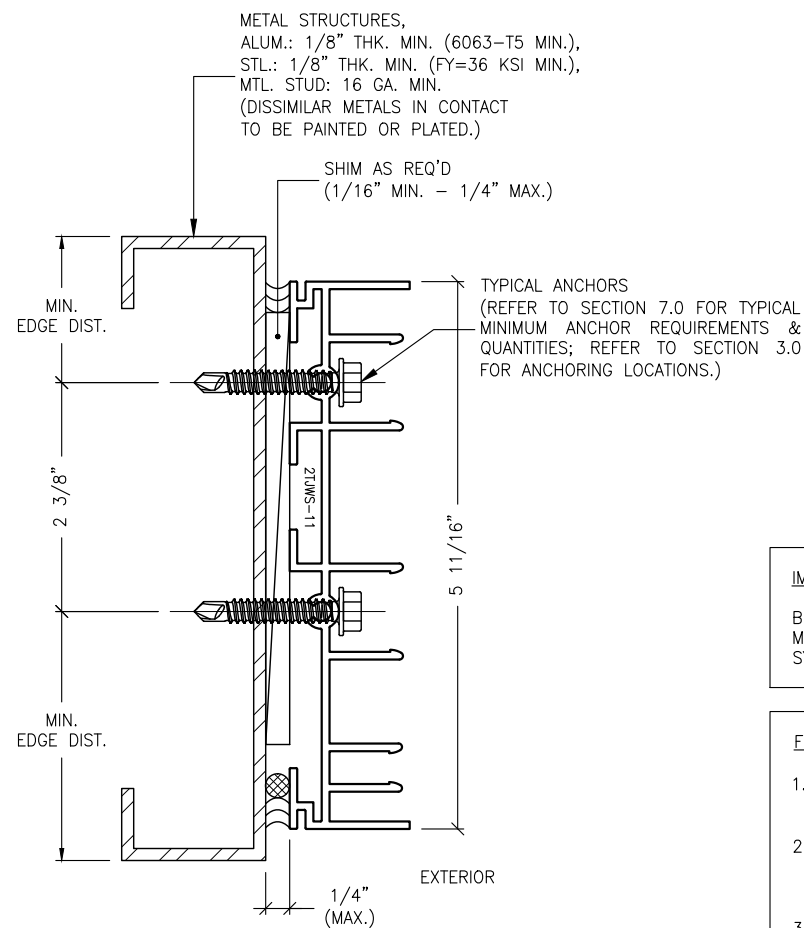
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1008

PROJECT: SLIDING GLASS DOOR SYSTEM
OWNER: VELOCITY IMPACT PRODUCTS
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

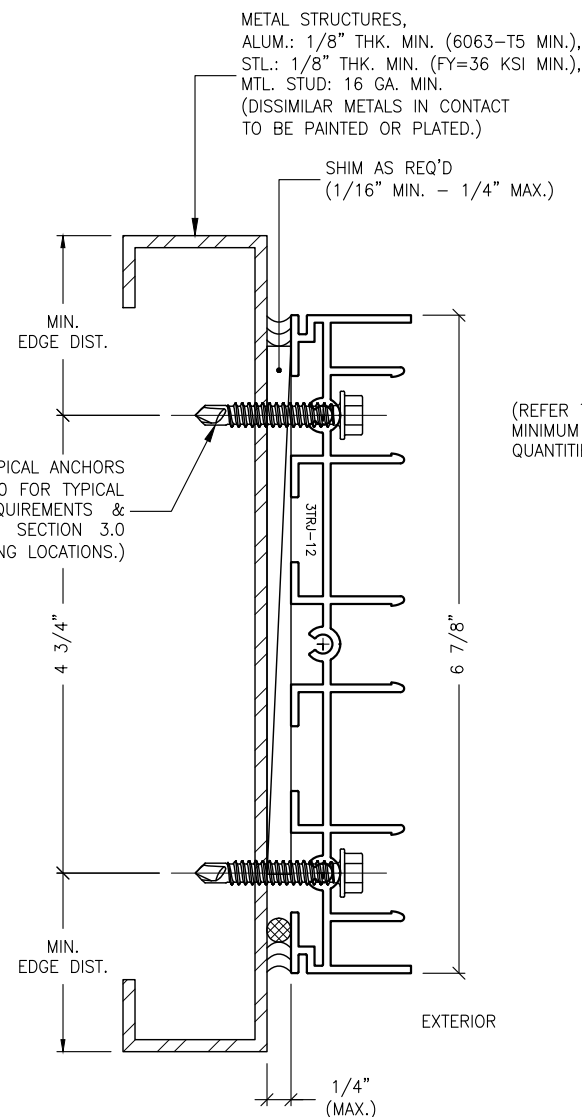
SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR DETAILS
SCALE:	6" = 1'-0" (1:2)
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	8.11 36 of 42
JOB NO.	0000-00



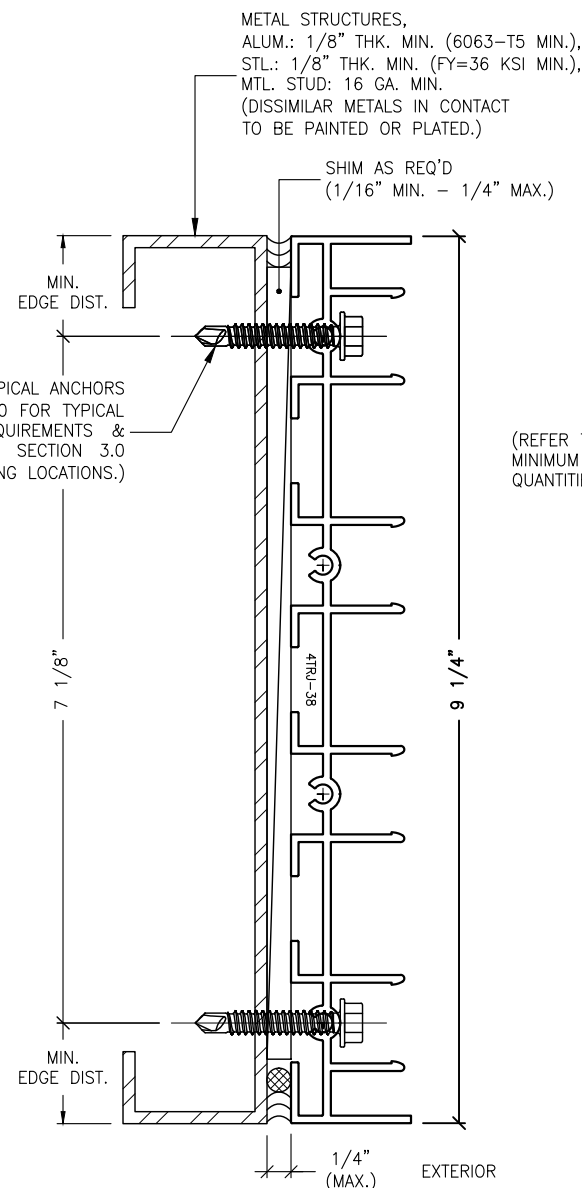
J4.1 ANCHOR DETAIL
8.12 TWO-TRACK JAMB



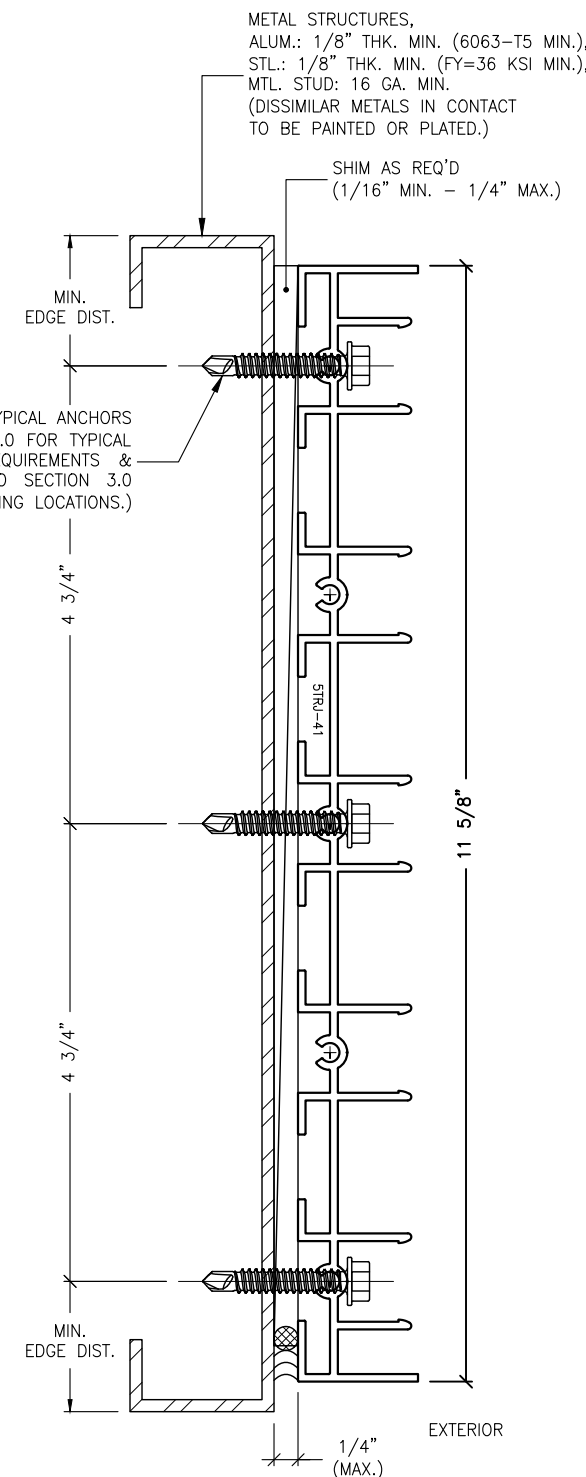
J4.2 ANCHOR DETAIL
8.12 TWO-TRACK W/ SCREEN JAMB



J4.3 ANCHOR DETAIL
8.12 THREE-TRACK JAMB



J1.4 ANCHOR DETAIL
8.12 FOUR-TRACK JAMB



J1.5 ANCHOR DETAIL
8.12 FIVE-TRACK JAMB

IMPOSED LOADS NOTE:
BUILDING STRUCTURES, NOT BY VELOCITY IMPACT PRODUCTS, MUST SUPPORT AND TRANSFER LOADS IMPOSED BY GLAZING SYSTEM TO THE BUILDING STRUCTURE.

FINISH NOTES:
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3. WATER-PROOFING (BY OTHERS).

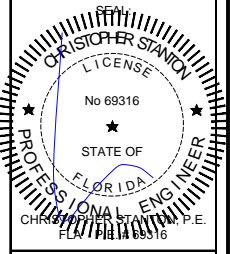
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J4 MECHANICAL ANCHOR, TYPE C
8.12 FOR TYPICAL JAMBS INTO METAL STRUCTURES

REVISIONS:	NO.	DATE	DESCRIPTION
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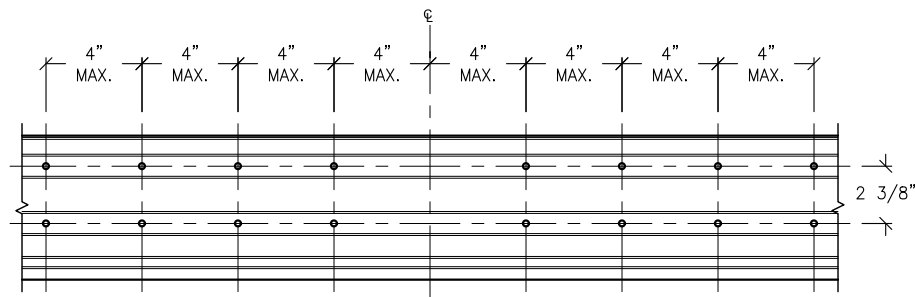
SHOP DRAWINGS ARE REVIEWED FOR STRUCTURAL REQUIREMENTS ONLY!



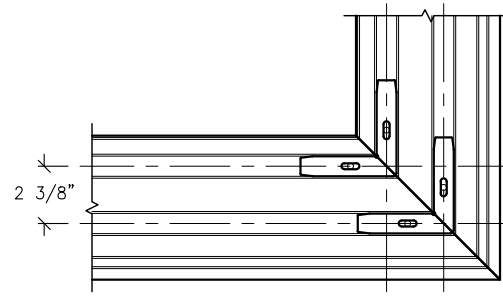
STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SERIES SGD 1000
OWNER: SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PL# 31650.1
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

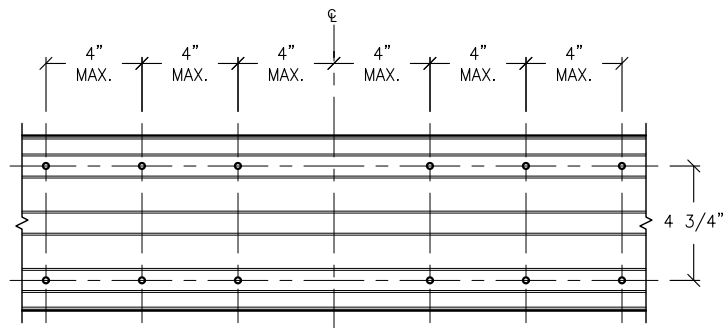
SUBMIT DATE:	01APR2019
DRAWN BY:	KJT
CHECKED BY:	CS
DESCRIPTION	ANCHOR DETAILS
SCALE:	6" = 1'-0" [1:2]
PLOT SIZE:	ANSI B (11" X 17")
SHEET NO.	8.12 37 of 42
JOB NO.	0000-00



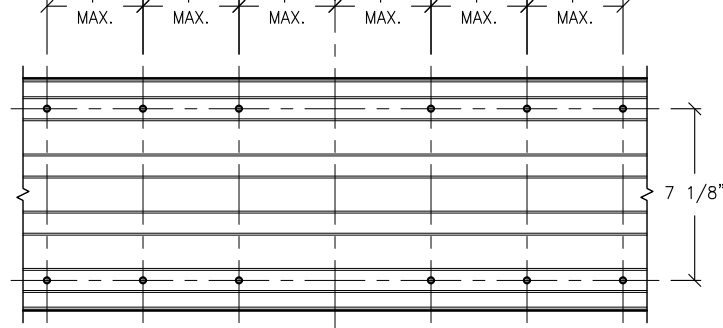
TWO-TRACK SYSTEM (W/ OR W/O SCREEN)
(8) CLUSTER CONFIGURATION



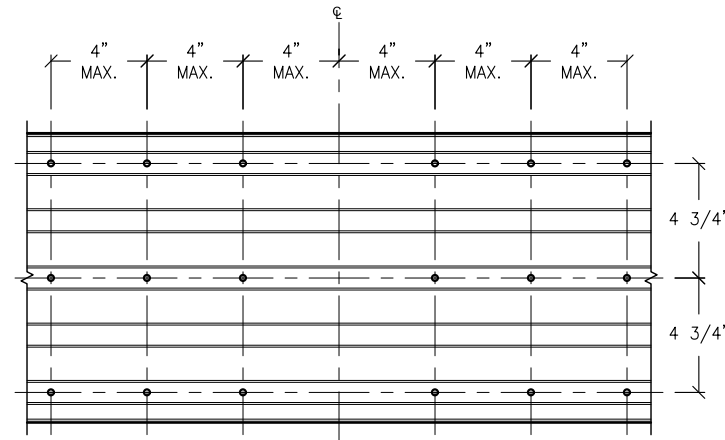
TWO-TRACK SYSTEM (W/ OR W/O SCREEN)
CORNER SPLICE CONFIGURATION



THREE-TRACK SYSTEM
CLUSTER CONFIGURATION



FOUR-TRACK SYSTEM
CLUSTER CONFIGURATION



FIVE-TRACK SYSTEM
CLUSTER CONFIGURATION

1 CLUSTER DETAIL
8.13 TYP. CONFIGURATIONS FOR ALL TRACK SYSTEMS

ANCHOR CLUSTER NOTES:

1. FOR TWO-TRACK, (W/ & W/O SCREEN) SYSTEMS, ANCHOR CLUSTERS ARE INSTALLED AT 4" MAX. FROM C.L. INTERLOCKS & STILES, AND IN ROWS TO MAINTAIN SPACING AT 4" MAX. FROM NEAREST ADJACENT ANCHOR.
2. FOR ALL OTHER TRACK SYSTEMS, ANCHOR CLUSTERS ARE INSTALLED AT 4" MAX. FROM C.L. INTERLOCKS & STILES, AND SPACED AT 4" MAX. O.C.
3. A(8), B(8) & C(8) ANCHORS, TYPES A, B & C;
(2) ROWS OF (2) EA. SIDE OF INTERLOCKS & STILES.
4. B1(8) ANCHORS, TYPE B; SPACING AT 4" C/C;
(2) ROWS OF (2) EA. SIDE OF INTERLOCKS & STILES.
5. REFER TO SHEET 7.0 FOR ANCHORAGE REQUIREMENTS.

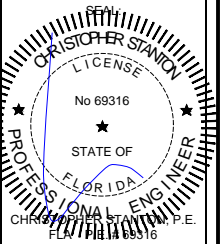
ANCHOR NOTES:

1. FOR ANCHOR LAYOUT AND LOCATIONS, REFER TO SECTION 3.0.
2. USE THE CHARTS ON THIS SHEET, IN CONJUNCTION WITH GLAZING DESIGN LOAD CAPACITIES CHARTS IN SECTION 6.0 FOR APPLICABLE VALUES CONTROL.
3. FOR SUBSTRATE ANCHORING CONDITIONS, REFER TO THE FOLLOWING:

AT HEAD: SHEETS 8.0 THRU 8.3;
AT SILL: SHEETS 8.4 THRU 8.8;
AT JAMBS: SHEETS 8.9 THRU 8.12.

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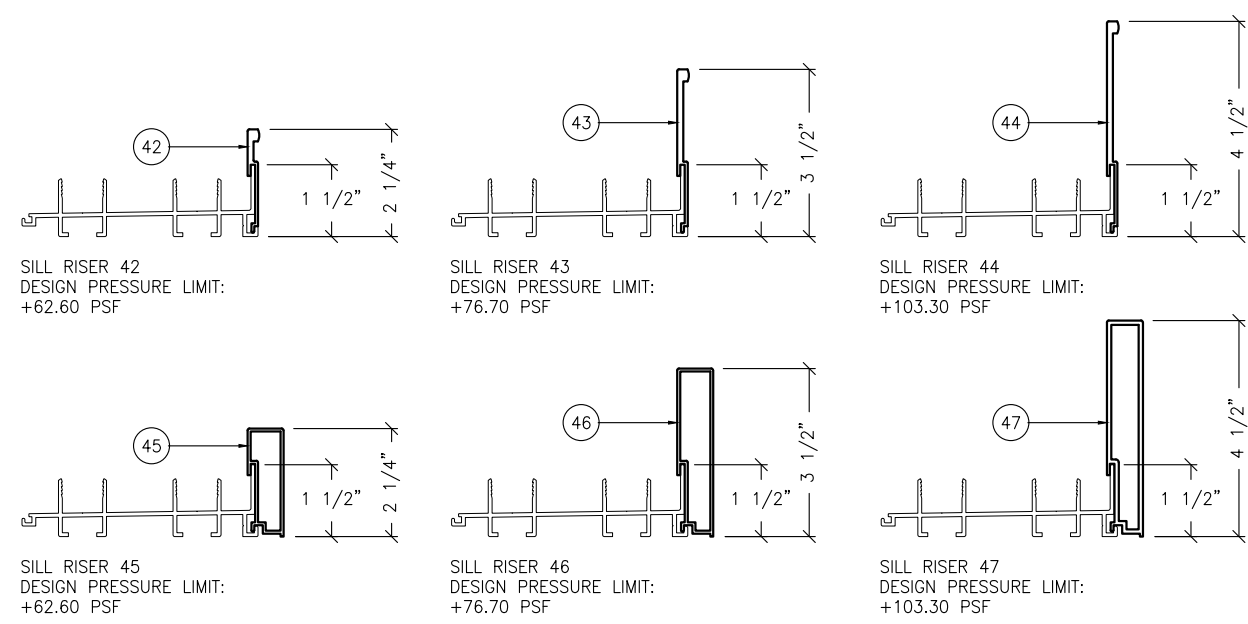
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2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SLIDING GLASS DOOR SYSTEM
OWNER: VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
PRODUCT APPROVAL FBC (2020/2023): PLF 3-1650-1
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

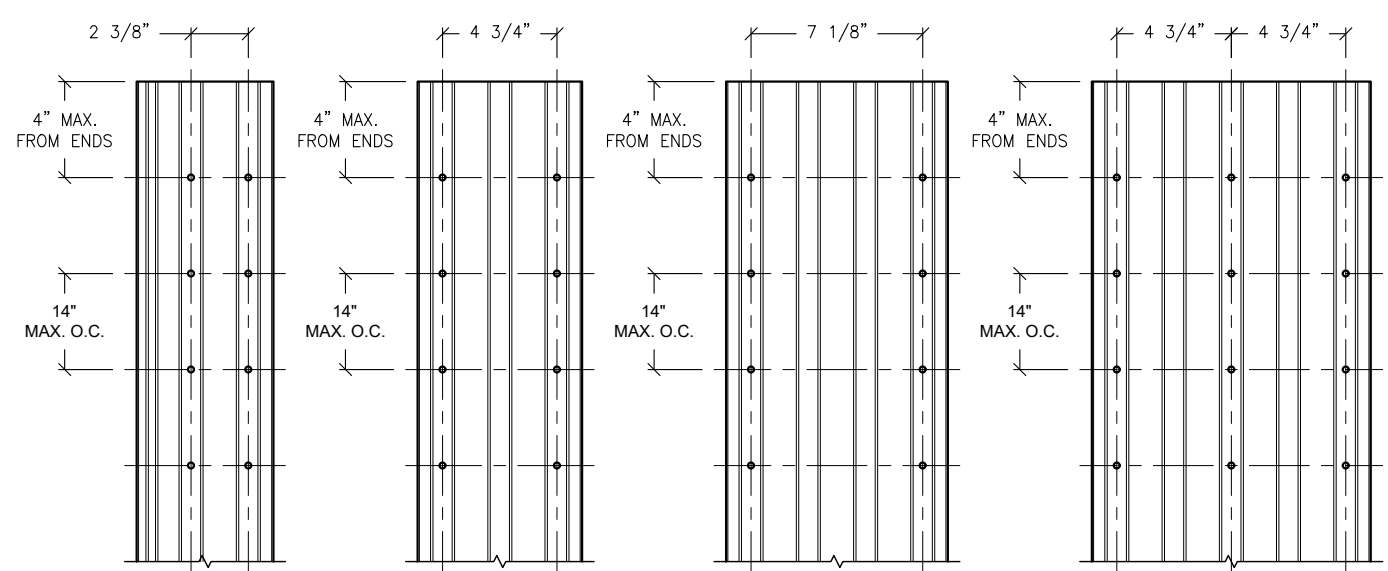
SERIES SGD 1000
VELOCITY
SUBMIT DATE: 01APR2019
DRAWN BY: KJT
CHECKED BY: CS
DESCRIPTION: ANCHOR DETAILS
SCALE: 3" = 1'-0" [1:4]
PLOT SIZE: ANSI B (11" X 17")
SHEET NO.: 8.13 38 of 42
JOB NO. 0000-00



SILL RISER MAXIMUM HEIGHTS

FLUSH SILL	(1-1/2")	*SEE NOTES
LOW RISER	(2-1/4")	+62.60
MEDIUM RISER	(3-1/2")	+76.70 (11.5 PSF WATER)
HIGH RISER	(4-1/2")	+103.30 (15.5 PSF WATER)

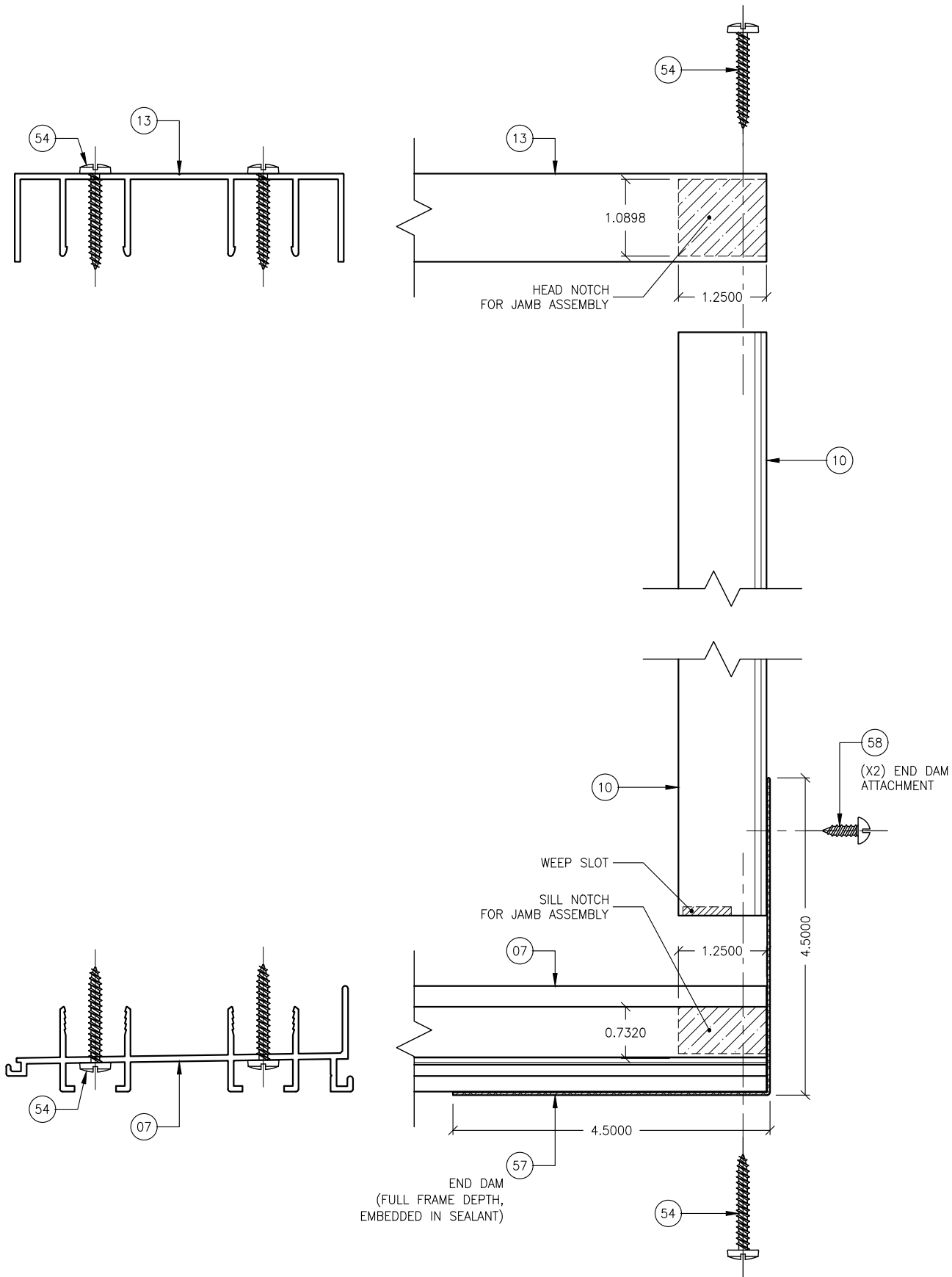
- NOTES:**
1. FLUSH SILL CONDITION IS NOT RATED FOR WATER RESISTANCE AND FOR USE ONLY WHERE WATER INFILTRATION RATING CRITERIA IS NOT REQUIRED.
 2. MAXIMUM POSITIVE DESIGN PRESSURES, AS SHOWN, MAY BE USED WHERE DOOR IS PROTECTED BY AN OVERHANG IN COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODE.



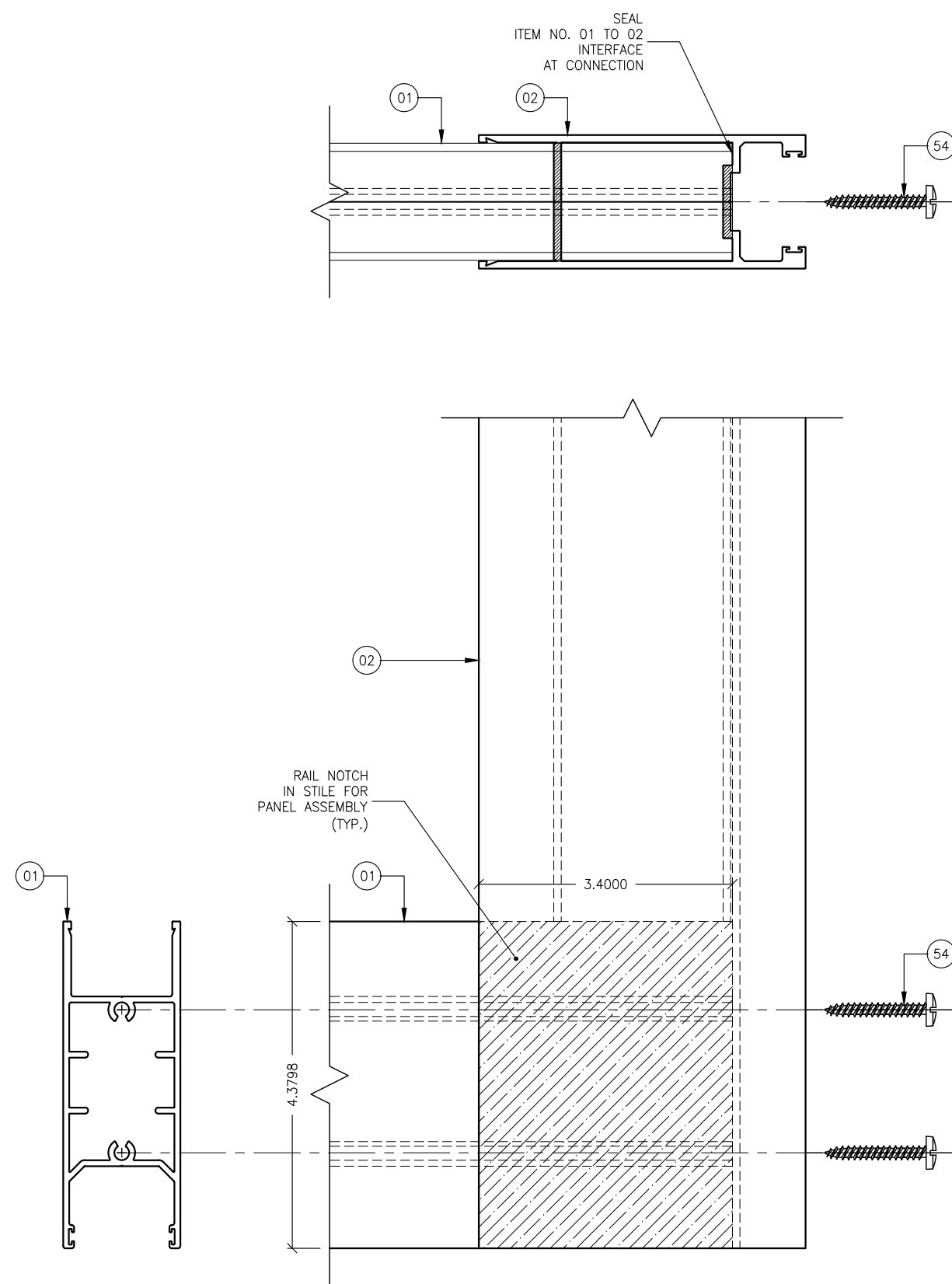
2 JAMB ANCHORS
8.13 TYP. CONFIGURATIONS FOR ALL TRACK SYSTEMS

JAMB ANCHOR NOTE:
REDUCE JAMB ANCHOR SPACING TO 8" MAX. O.C. WHEN INSTALLED INTO HOLLOW & GROUT-FILLED CMU BLOCK.

3 SILL RISERS
8.13 OPTIONS FOR ALL TRACK SYSTEMS



FC.1 FRAME CONNECTION DETAIL
8.14 W/O SCREEN, TYP.

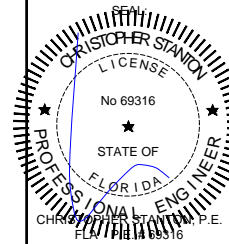


FC.1 PANEL CORNER CONNECTION DETAIL
8.14 TYPICAL

REVISIONS:	NO.	DATE	DESCRIPTION
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	4		

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STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
FAX: (561) 393-1003

PROJECT: SERIES SGD 1000
OWNER: SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1
VELOCITY IMPACT PRODUCTS
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019

DRAWN BY: KJT

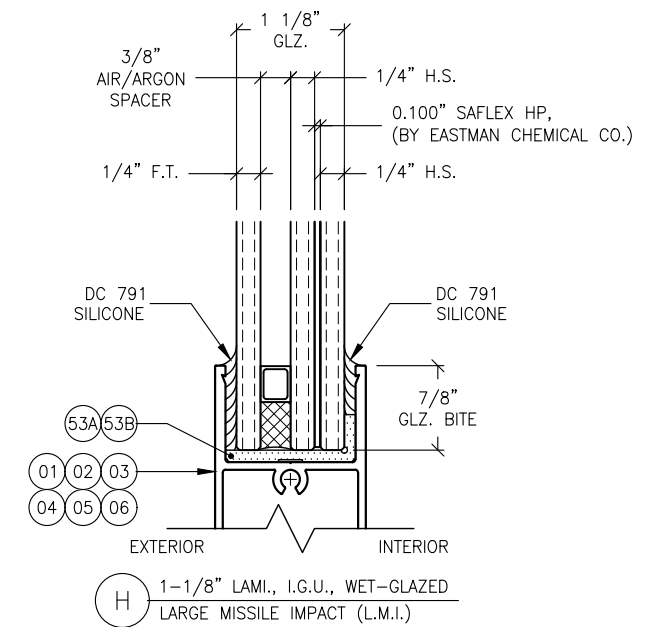
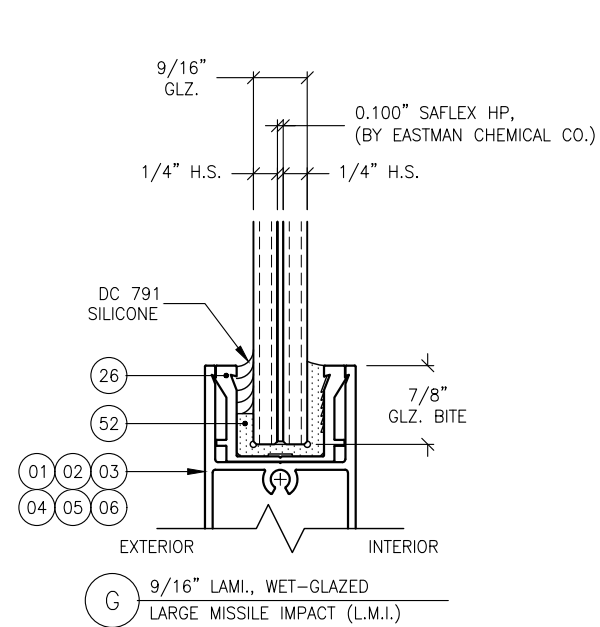
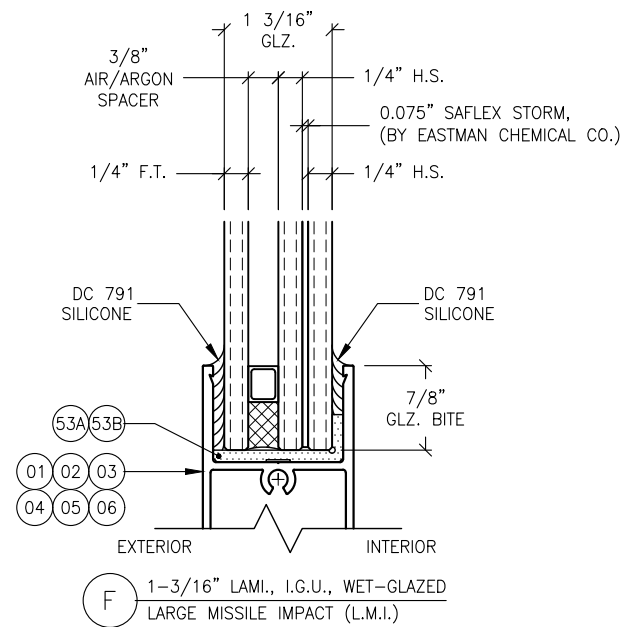
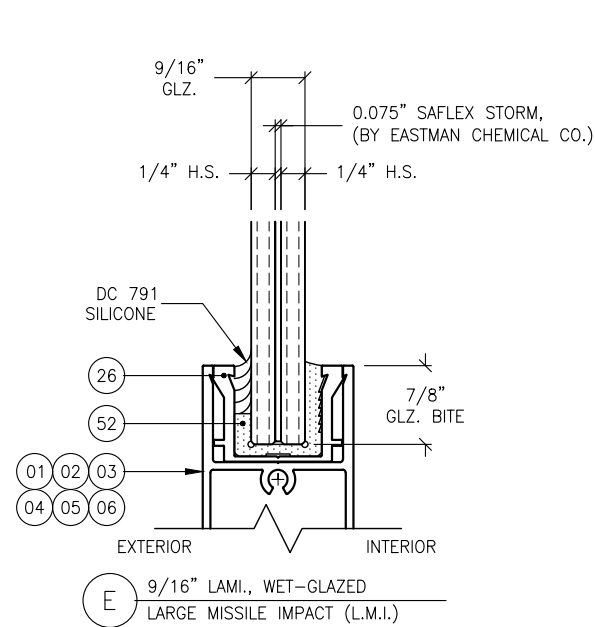
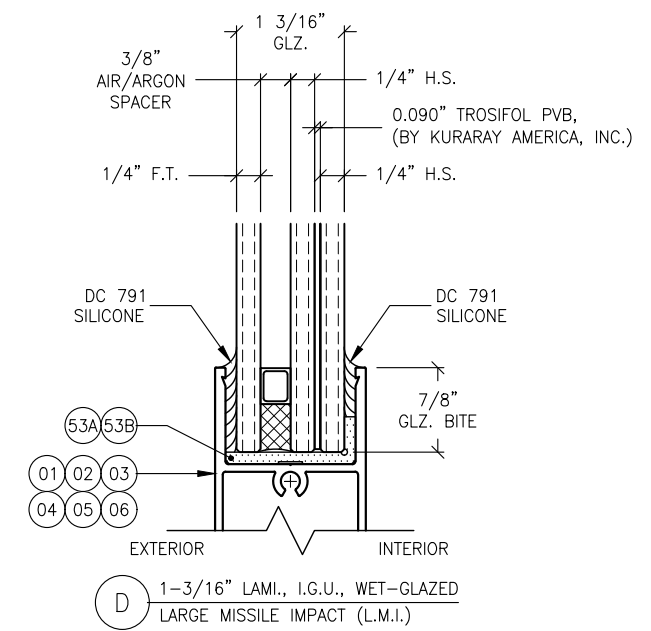
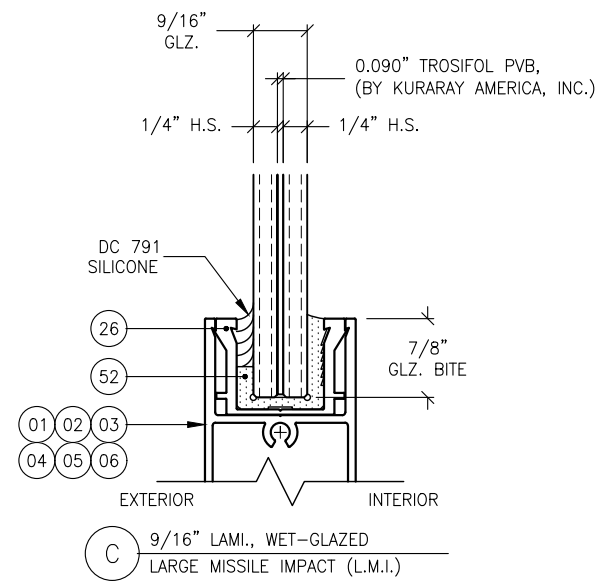
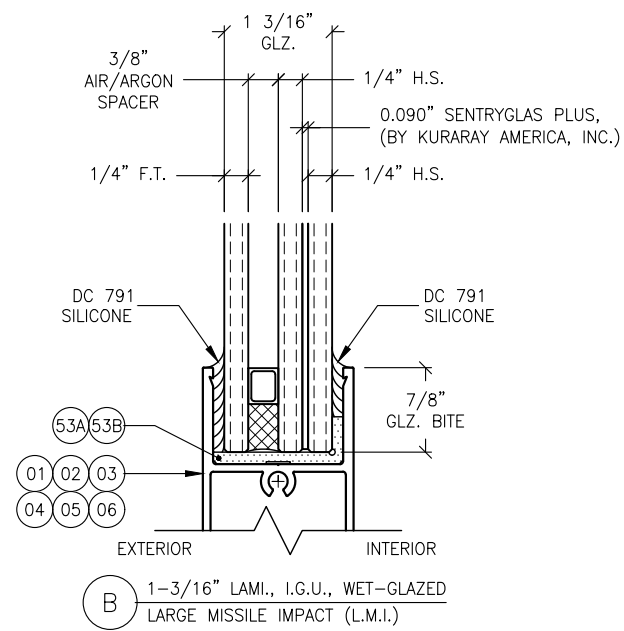
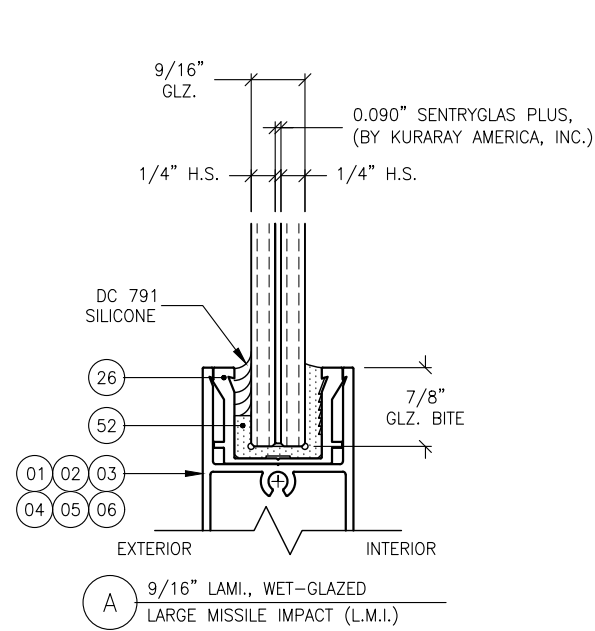
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DESCRIPTION
ANCHOR DETAILS

SCALE: 6" = 1'-0" (1:2)

PLOT SIZE: ANSI B (11" X 17")

SHEET NO.
8.14 39 of 42
JOB NO. 0000-00

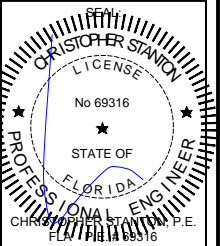


1 GLAZING OPTIONS
9.0 TYPICAL MAKE-UP COMPOSITIONS

REVISIONS:	NO.	DATE	DESCRIPTION
1	1		
2	2		
3	3		
4	4		

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SERIES SGD 1000
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PRODUCT APPROVAL FBC (2020/2023): PL# 31650-1

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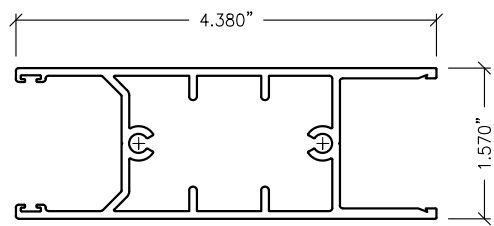
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GLAZING OPTIONS

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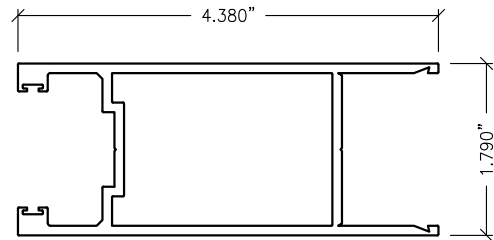
PLOT SIZE: ANSI B (11" X 17")

SHEET NO.

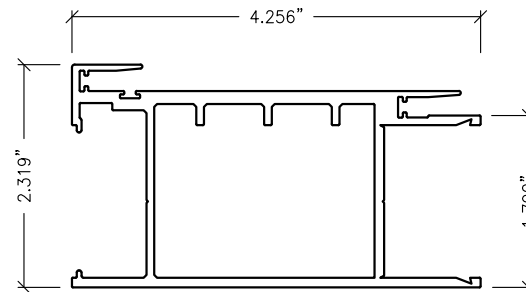
9.0 40 of 42
JOB NO. 0000-00



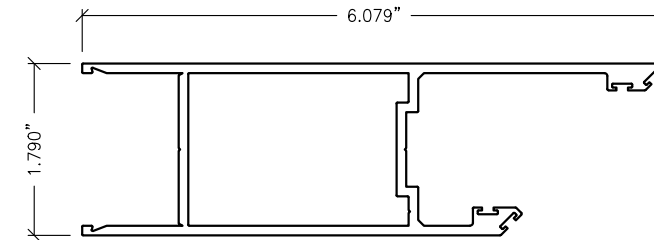
01 STD. DOOR RAIL
DR-1



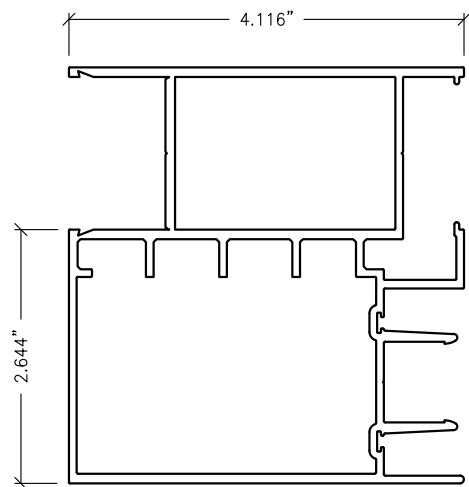
02 STD. DOOR STILE
DS-2



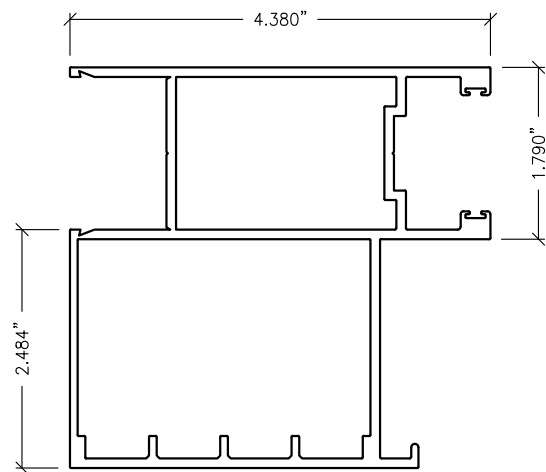
03 INTERLOCK STILE
IL-3



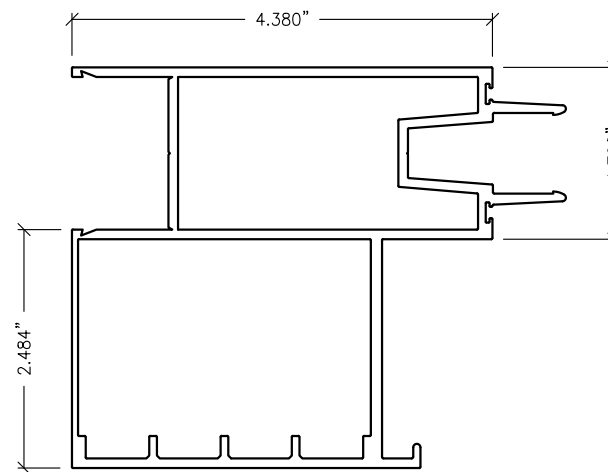
36 CORNER DOOR STILE
DS-2.45



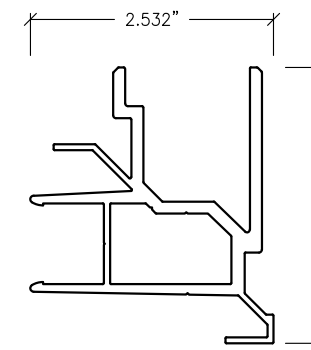
04 BUTT STILE (OFFSET)
BS-4



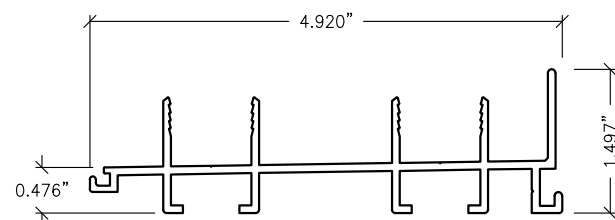
05 INTERLOCK BUTT STILE (FEMALE)
LIL-5



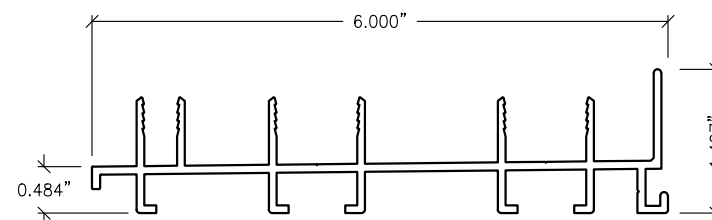
06 LOCK BUTT STILE (MALE)
LIL-6



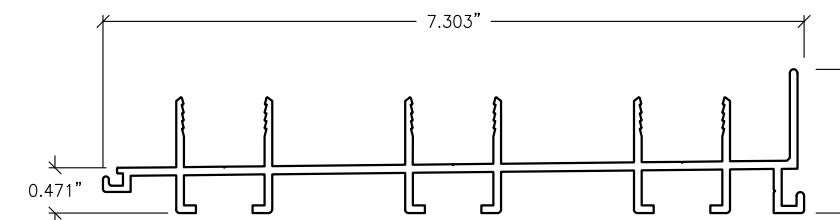
37 CORNER DOOR ADAPTER
ADPT-2.45



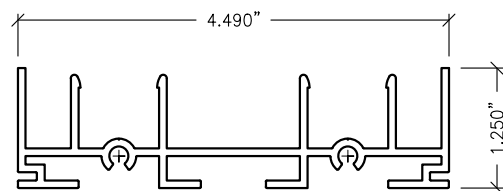
07 TWO-TRACK SILL
2TRS-7



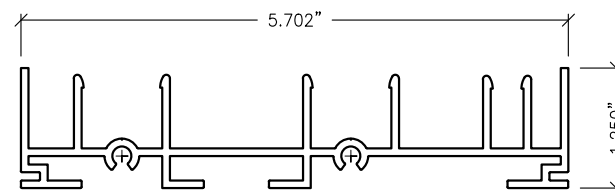
08 TWO-TRACK SILL (W/ SCREEN)
2TWS-8



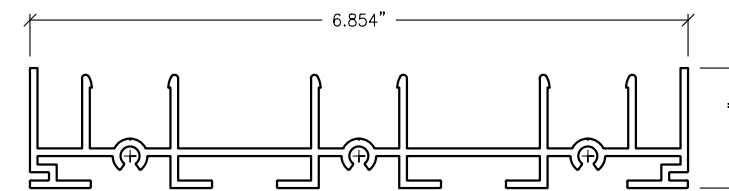
09 THREE-TRACK SILL
3TRS-9



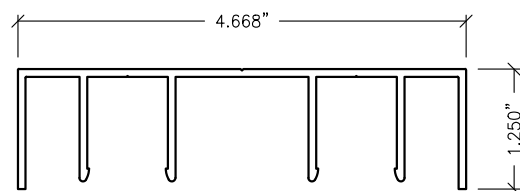
10 TWO-TRACK JAMB
2TRJ-10



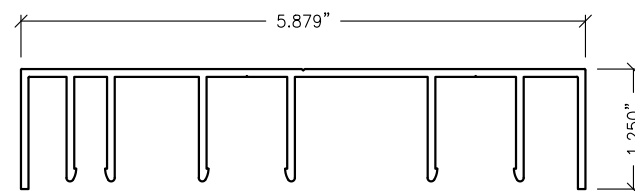
11 TWO-TRACK JAMB (W/ SCREEN)
2TJWS-11



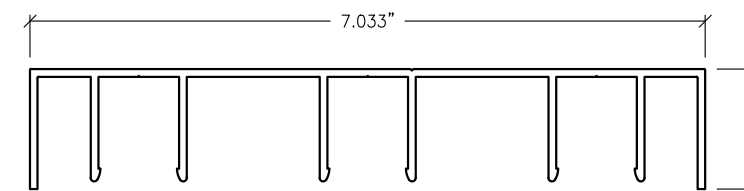
12 THREE-TRACK JAMB
3TRJ-12



13 TWO-TRACK HEADER
2TRH-13



14 TWO-TRACK HEADER (W/ SCREEN)
2TRHWS-14

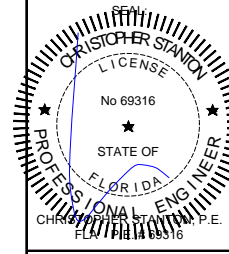


15 THREE-TRACK HEADER
3TRH-15

REVISIONS:	NO.	DATE	DESCRIPTION
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	3		
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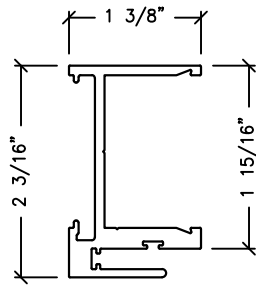
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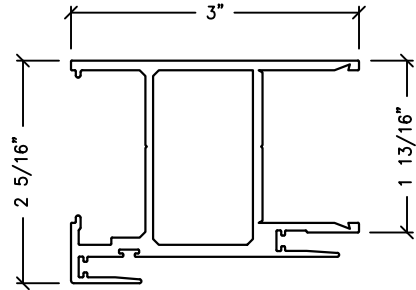
STANTON ENGINEERING, INC.
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BOCA RATON, FLORIDA 33431
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SERIES SGD 1000
SLIDING GLASS DOOR SYSTEM
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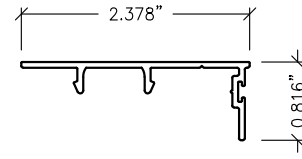
SUBMIT DATE: 01APR2019
DRAWN BY: KJT
CHECKED BY: CS
DESCRIPTION
BILL OF MATERIALS
SCALE: 6" = 1'-0" (1:2)
PLOT SIZE: ANSI B (11" X 17")
SHEET NO.
10.0 41 of 42
JOB NO. 0000-00



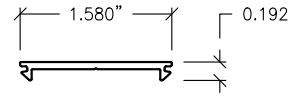
16 SUPER NARROW INTERLOCK STILE
IL-3SN



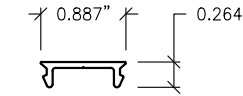
17 NARROW INTERLOCK STILE
IL-3M



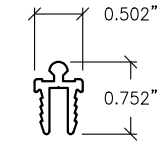
18 JAMB SNAP COVER
AS-18



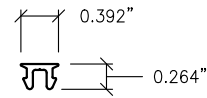
19 STILE SNAP COVER
AS-19



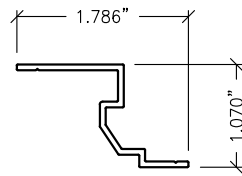
21 ANCHOR SNAP COVER
AS-20



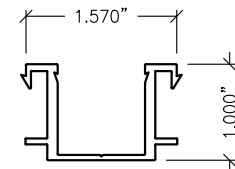
22 SNAP SCREEN GUIDE RAIL
AS-22



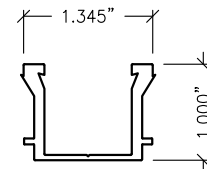
23 SCREEN SNAP COVER
AS-23



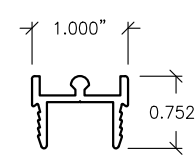
24 FIXED PANEL LOCK CLIP
AS-36



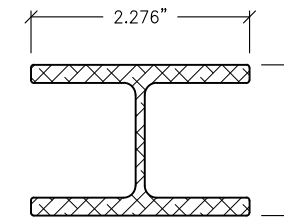
25 9/16" GLZ. STILE ADAPTER
ADPT-25



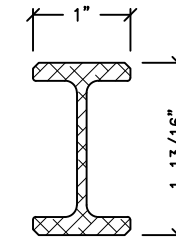
26 9/16" GLZ. RAIL ADAPTER
ADPT-26



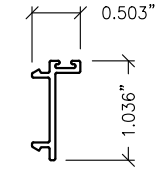
27 SNAP DOOR GUIDE RAIL
AS-27



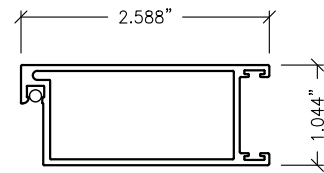
28 ALUM. REINF.
AR-28



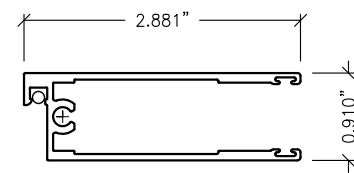
28M ALUM. REINF.
AR-28M



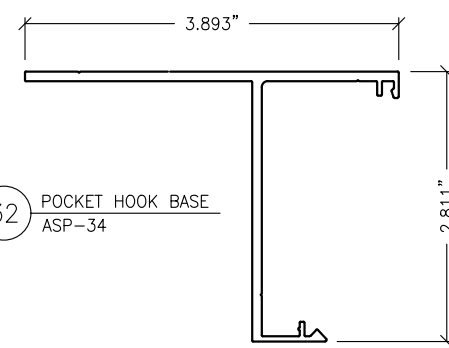
29 STILE SNAP COVER
SCN-29



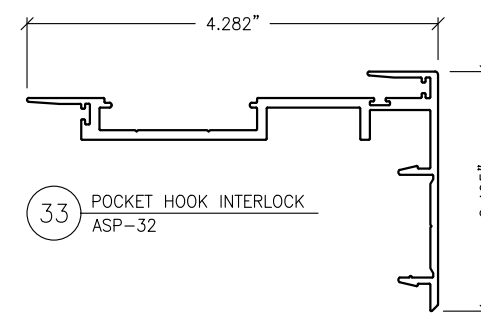
30 SCREEN STILE
SCN-30



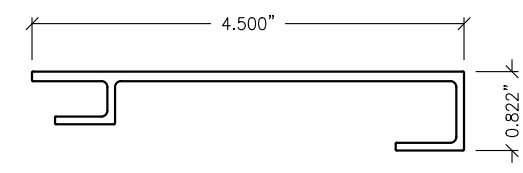
31 SCREEN RAIL
SCN-31REV



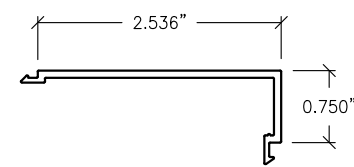
32 POCKET HOOK BASE
ASP-34



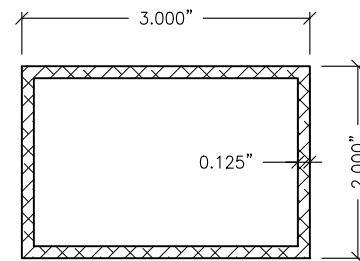
33 POCKET HOOK INTERLOCK
ASP-32



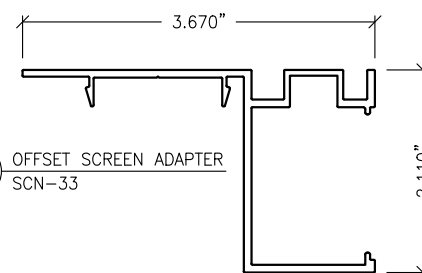
34 POCKET HOOK CATCH
ASP-33



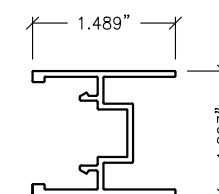
35 POCKET HOOK COVER
ASP-35



73 ALUM. TUBE REINF.
20-61-275



76 OFFSET SCREEN ADAPTER
SCN-33

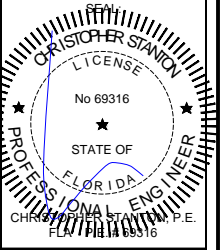


77 CENTER MEET SCREEN ADAPTER
SCN-32REV

REVISIONS:	NO.	DATE	DESCRIPTION
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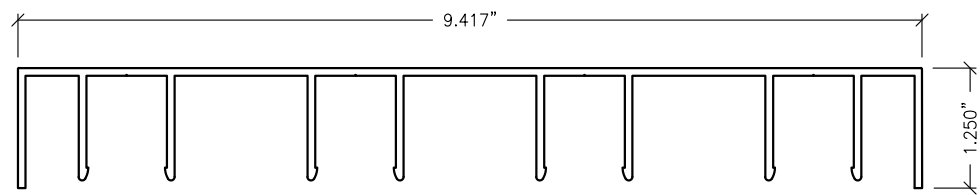
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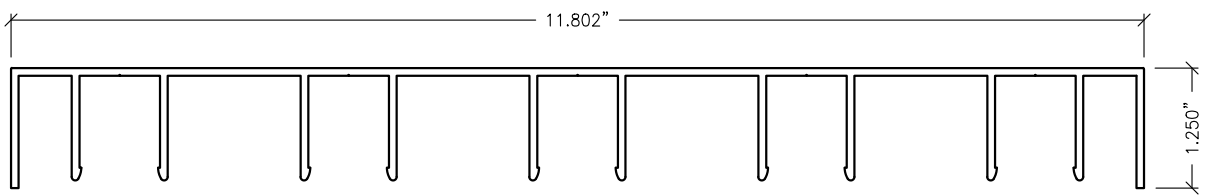
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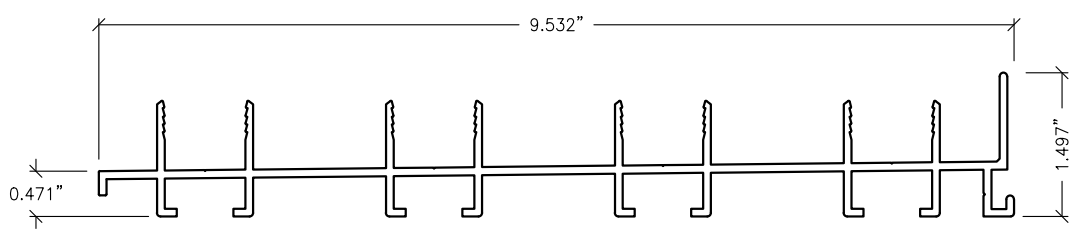
SUBMIT DATE:	01APR2019
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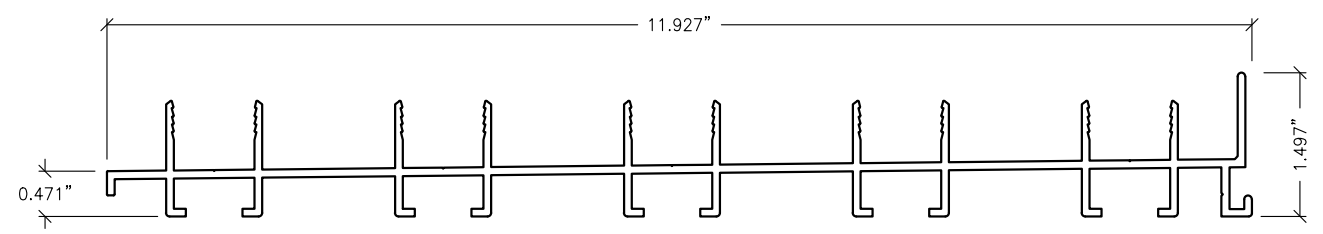
36 FOUR-TRACK HEADER
4TRH-36



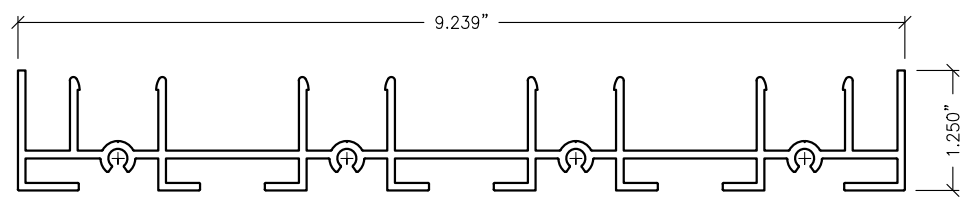
39 FIVE-TRACK HEADER
5TRH-39



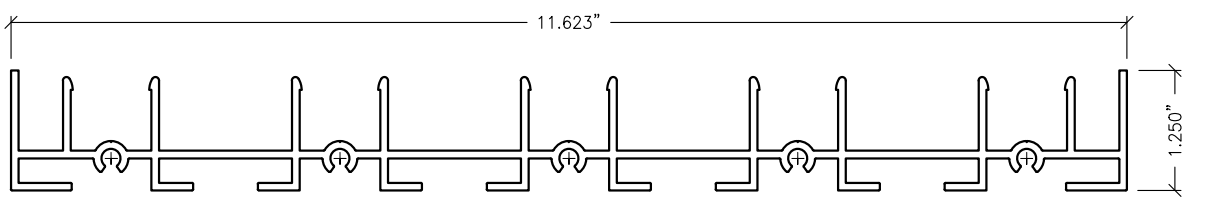
37 FOUR-TRACK SILL
4TRS-37



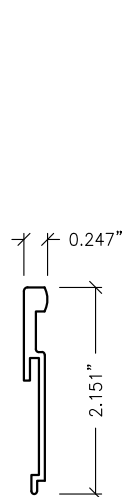
40 FIVE-TRACK SILL
5TRS-40



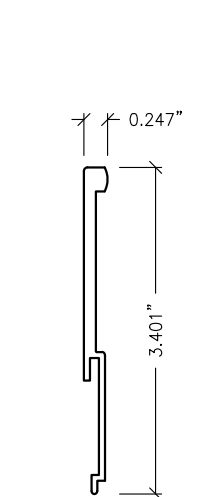
38 FOUR-TRACK JAMB
4TRJ-38



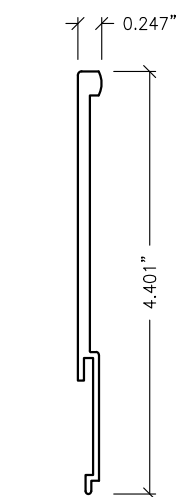
41 FIVE-TRACK JAMB
5TRJ-41



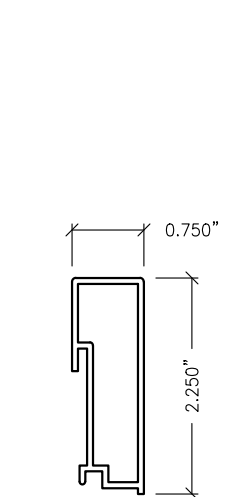
42 2-1/4" RISER
RR-225



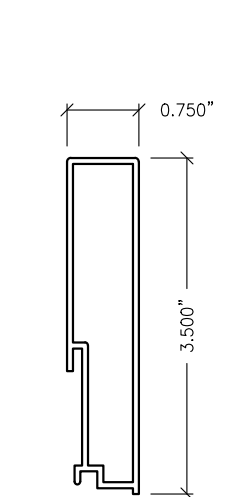
43 3-1/2" RISER
RR-35



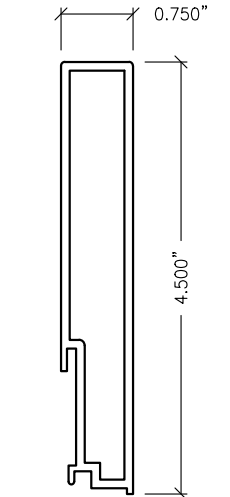
44 4-1/2" RISER
RR-45



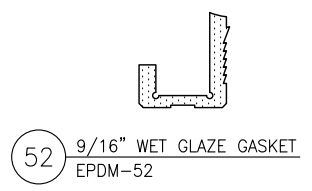
45 2-1/4" BOX RISER
R-225



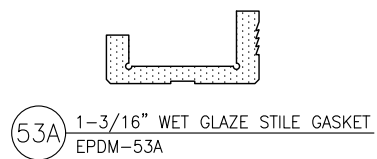
46 3-1/2" BOX RISER
R-35



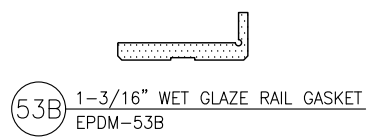
47 4-1/2" BOX RISER
R-45



52 9/16" WET GLAZE GASKET
EPDM-52



53A 1-3/16" WET GLAZE STILE GASKET
EPDM-53A

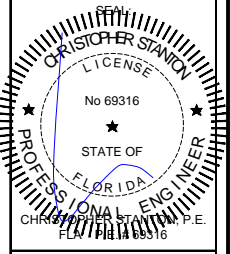


53B 1-3/16" WET GLAZE RAIL GASKET
EPDM-53B

REVISIONS:	NO.	DATE	DESCRIPTION
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STANTON ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
2701 NORTHWEST BOCA RATON BOULEVARD, SUITE 204
BOCA RATON, FLORIDA 33431
TEL: (561) 393-1008
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PROJECT: **SERIES SGD 1000**
SLIDING GLASS DOOR SYSTEM
PRODUCT APPROVAL FBC (2020/2023): PLF 31650.1
OWNER: **VELOCITY IMPACT PRODUCTS**
2200 AVENUE L, WEST PALM BEACH, FLORIDA, 33404
TEL: (561) 428-5740 NET: www.velocityimpactproducts.com

SUBMIT DATE: 01APR2019
DRAWN BY: KJT
CHECKED BY: CS

DESCRIPTION
BILL OF MATERIALS
SCALE: 6" = 1'-0" (1:2)
PLOT SIZE: ANSI B (11" X 17")

SHEET NO.
10.2 43 of 42
JOB NO. 0000-00

CHART 10.3.9 BILL OF MATERIALS

ITEM NO.	PART NO.	DESCRIPTION	MANUF./SUPPLIER	MATERIAL
01	DR-1	STANDARD DOOR RAIL	KEYMARK	6063-T6
02	DS-2	STANDARD DOOR STILE	KEYMARK	6063-T6
03	IL-3	INTERLOCK STILE (STANDARD)	KEYMARK	6063-T6
04	BS-4	OFFSET BUTT STILE	KEYMARK	6063-T6
05	LIL-5	FEMALE BUTT STILE	KEYMARK	6063-T6
06	LIL-6	MALE BUTT STILE	KEYMARK	6063-T6
07	2TRS-7	TWO-TRACK SILL	KEYMARK	6063-T6
08	2TWS-8	TWO-TRACK SILL (W/SCREEN)	KEYMARK	6063-T6
09	3TRS-9	THREE TRACK SILL	KEYMARK	6063-T6
10	2TRJ-10	TWO-TRACK JAMB	KEYMARK	6063-T6
11	2TJWS-11	TWO-TRACK JAMB (W/SCREEN)	KEYMARK	6063-T6
12	3TRJ-12	THREE-TRACK JAMB	KEYMARK	6063-T6
13	2TRH-13	TWO-TRACK HEADER	KEYMARK	6063-T6
14	2TRHWS-14	TWO-TRACK HEADER (W/SCREEN)	KEYMARK	6063-T6
15	3TRH-15	THREE TRACK HEADER	KEYMARK	6063-T6
16	IL-3SN	SUPER NARROW INTERLOCK	KEYMARK	6063-T6
17	IL-3M	NARROW INTERLOCK	KEYMARK	6063-T6
18	AS-18	JAMB SNAP COVER	KEYMARK	6063-T6
19	AS-19	STILE SNAP COVER	KEYMARK	6063-T6
20	-	N/A	-	-
21	AS-20	ANCHOR SNAP COVER	KEYMARK	6063-T6
22	AS-22	SNAP SCREEN GUIDE RAIL	KEYMARK	6063-T6
23	AS-23	SCREEN JAMB SNAP COVER	KEYMARK	6063-T6
24	AS-36	FIXED PANEL HOLD BACK CLIP	KEYMARK	6063-T6
25	ADPT-25	9/16" GLZ STILE ADAPTER	KEYMARK	6063-T6
26	ADPT-26	9/16" GLZ RAIL ADAPTER	KEYMARK	6063-T6
27	AS-27	SNAP DOOR GUIDE RAIL	KEYMARK	6063-T6
28	AR-28	ALUM REINF. (STANDARD INTERLOCK)	KEYMARK	6005A-T6
28M	AR-28M	ALUM REINF. (NARROW INTERLOCK)	KEYMARK	6061-T6
29	SCN-29	SCREEN STILE SNAP COVER	KEYMARK	6063-T6
30	SCN-30	SCREEN STILE	KEYMARK	6063-T6
31	SCN-31REV	SCREEN RAIL	KEYMARK	6063-T6
32	ASP-34	POCKET HOOK BASE	KEYMARK	6063-T6
33	ASP-32	POCKET HOOK INTERLOCK	KEYMARK	6063-T6
34	ASP-33	POCKET HOOK CATCH	KEYMARK	6063-T6
35	ASP-35	POCKET HOOK COVER	KEYMARK	6063-T6
36	DS-2.45	CORNER DOOR STILE	KEYMARK	6063-T6
37	ADPT-2.45	CORNER DOOR STILE ADAPTER	KEYMARK	6063-T6
38	-	#12 X 2 ASSEMBLY SCREW	VARIES	SST (ED)
39	-	N/A	-	-
40	-	N/A	-	-
41	-	N/A	-	-
42	RR-225	2-1/4" FLAT RISER	KEYMARK	6063-T6
43	RR-35	3-1/2" FLAT RISER	KEYMARK	6063-T6
44	RR-45	4-1/2" FLAT RISER	KEYMARK	6063-T6
45	R-225	2-1/4" BOX RISER	KEYMARK	6063-T6
46	R-35	3-1/2" BOX RISER	KEYMARK	6063-T6
47	R-45	4-1/2" BOX RISER	KEYMARK	6063-T6

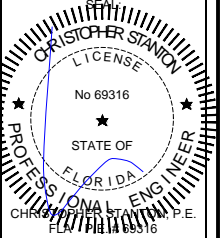
CHART 10.3.10 BILL OF MATERIALS (CONT.)

ITEM NO.	PART NO.	DESCRIPTION	MANUF./SUPPLIER	MATERIAL
48A	WHLCS-48A	CAST WHEEL ASSEMBLY, NYLON ROLLER	SULLIVAN ASSOC.	SST/NYLON
48B	WHLCS-48B	CAST WHEEL ASSEMBLY, SST ROLLER	SULLIVAN ASSOC.	SST/SST
48C	WHLCS-48C	CAST WHEEL ASSEMBLY, POLYMER ROLLER	INTERLOCK USA	SST/POLYMER
48D	WHLCS-48D	CAST WHEEL ASSEMBLY, SST ROLLER	INTERLOCK USA	SST/SST
49	SCN-29A	SCREEN ROLLER	SULLIVAN ASSOC.	ALUM/NYLON
50	LCKSTP-50	LOCK STOP	CUSTOM HARDWARE	SST
51	LCKSTP-51	LOCK STOP	INTERLOCK USA	DIE-CAST/SST
52	EPDM-52	9/16" WET GLZ. GASKET	CENTRAL PLASTICS	EPDM RUBBER
53A	EPDM-53A	1-3/16" STILE WET GLZ. GASKET	CENTRAL PLASTICS	EPDM RUBBER
53B	EPDM-53B	1-3/16" RAIL WET GLZ. GASKET	CENTRAL PLASTICS	EPDM RUBBER
54	-	#12 X 1-1/2" ASSEMBLY SCREW	VARIES	SST
55	FSP-55	STRIKE PLATE	CUSTOM HARDWARE	SST
56	ASP-56	STRIKE PLATE	INTERLOCK USA	DIE-CAST/SST
57	ED-57	END DAM	VARIES	ALUM
58	-	#10 X 3/8" ASSEMBLY SCREW	VARIES	SST
59	WQ32019	0.187" X .200" WEATHER STRIP	ULTRAFAB	POLYPROPYLENE
60	E201	0.187" X .145" BULB WEATHER STRIP	ULTRAFAB	TPE/POLYPROPYLENE
61	P7599	2.43" X 1.375" HEAD ULTRAPLUG	ULTRAFAB	POLYPROPYLENE
62	P5599	2.43" X 1.375" SILL ULTRAPLUG	ULTRAFAB	POLYPROPYLENE
63	P5044	0.440" X 1.375" STILE ULTRAFIN	ULTRAFAB	POLYPROPYLENE
64	P7505	1.350" X .969" RAIL ULTRAPILE	ULTRAFAB	POLYPROPYLENE
65	P7599	2.43" X .500" HEAD ULTRAPLUG (POCKET)	ULTRAFAB	POLYPROPYLENE
66	-	#10 X 3/4" ASSEMBLY SCREW	VARIES	SST
67	-	#10 X 1-1/2" ASSEMBLY SCREW	VARIES	SST
68	-	#12 X 3" ASSEMBLY SCREW	VARIES	SST
69	2RF-3X-0750	FOAM BAFFLE, 30PPI (0.075" X 0.875" X 1.50")	FRANK LOWE	RETICULATED FOAM
70	-	DOW 791	DOW CORNING	SILICONE
71	AC-XX	WHEEL ADJUSTMENT HOLE COVER	VARIES	POLYMER
72	PB-XX	PANEL BUMPER	VARIES	POLYMER
73	20-61-275	ALUM. REINF.	VARIES	6061-T6
74	W132719	0.187" X .270" WEATHER STRIP	ULTRAFAB	POLYPROPYLENE
75	-	N/A	-	-
76	SCN-33	OFFSET SCREEN ADAPTER	KEYMARK	6061-T6
77	SCN-32REV	CENTER MEET SCREEN ADAPTER	KEYMARK	6061-T6
78	-	N/A	-	-
79	-	HANDLE	VARIES	VARIES
80	-	THUMB-TURN	VARIES	VARIES
81	-	0.185" x .070" SCREEN SPLINE	CENTRAL PLASTICS	PVC
82	-	#14 X3" INSTALLATION ANCHOR	VARIES	VARIES
83	-	1/4" x 3-1/4 HWH TAPCON	VARIES	VARIES
84	0	FRAME SPLICE	VELOCITY IMPACT PRODUCTS	PLA
85	9/16" GLZ	1/4" CLEAR H.S., 0.090" SGP, 1/4" CLEAR H.S.	VARIES	GLASS
86	1-3/16" GLZ	1/4" CLEAR TEMP, 3/8" AS, 1/4" CLEAR H.S., 0.090" SGP, 1/4" CLEAR H.S.	VARIES	GLASS
87	9/16" GLZ	1/4" CLEAR H.S., 0.090" PVB, 1/4" CLEAR H.S.	VARIES	GLASS
88	1-3/16" GLZ	1/4" CLEAR TEMP, 3/8" AS, 1/4" CLEAR H.S., 0.090" PVB, 1/4" CLEAR H.S.	VARIES	GLASS
89	9/16" GLZ	1/4" CLEAR H.S., 0.075" STORM, 1/4" CLEAR H.S.	VARIES	GLASS
90	1-3/16" GLZ	1/4" CLEAR TEMP, 3/8" AS, 1/4" CLEAR H.S., 0.075" STORM, 1/4" CLEAR H.S.	VARIES	GLASS

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DESCRIPTION
 BILL OF MATERIALS

SCALE: FULL [1:1]
 PLOT SIZE: ANSI B (11" X 17")

SHEET NO.
10.3 44 of 42
 JOB NO. 0000-00