



The Columbia Historic Zoning Commission will meet on Wednesday, October 15, 2025 at 4:00 PM in Council Chambers on the basement level of City Hall, 700 N. Garden Street, to consider the following:

- I. Roll Call
- II. Approval of Minutes
- III. New Business
 - 1. Request from Henderick, Inc. for Exterior Alterations approval at [1122 S. High Street](#), being Tax Map 100E Group E Parcel 17, *Athenaeum Historic District*.
- IV. Other Business
 - 1. Administrative CoA's
- V. Adjourn

Anyone requesting accommodations due to disabilities should contact the City's ADA Coordinator at 931-560-1570 prior to the meeting.

The 2025 meeting schedule and Historic District Design Guidelines can be found on the City of Columbia Historic Zoning Commission webpage.

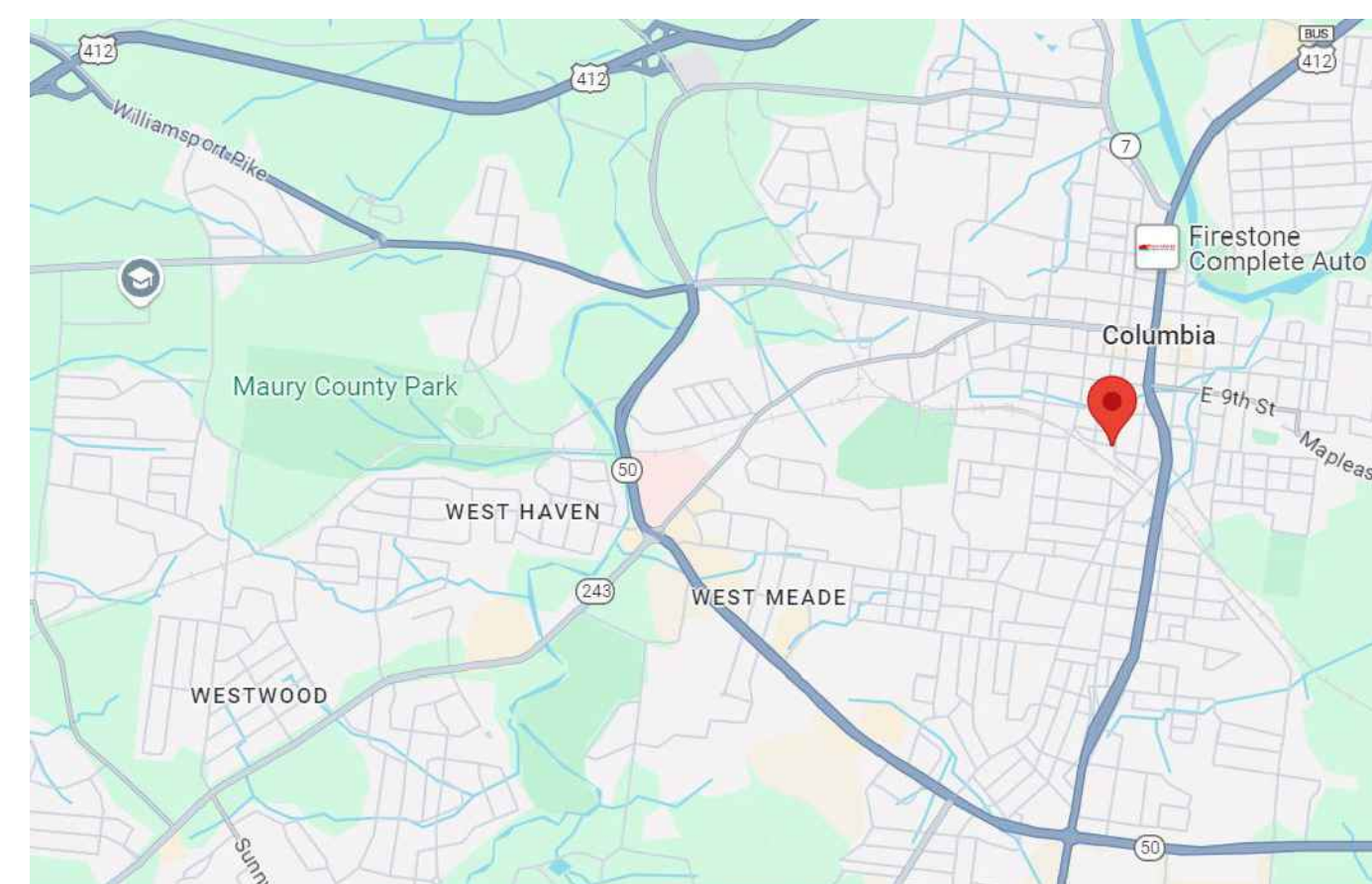
An interactive map showing the boundaries of the historic districts can be found accessed from the City's website.

For other questions, please contact the Department of Development Services at 931-560-1560.

1122 S. HIGH STREET

Ni Studio, LLC

7884 Heaton Way
Nashville, TN 37211
Tel: 615.306.0712
E-mail:
nistudio.lic@gmail.com



Vicinity Map

CODE SUMMARY

- 2019 INTERNATIONAL BUILDING CODE
- 2019 INTERNATIONAL FIRE CODE
- 2019 NFPA LIFE SAFETY CODE
- 2009 INTERNATIONAL ENERGY CONSERVATION CODE
- 2019 INTERNATIONAL MECHANICAL CODE
- 2019 INTERNATIONAL PLUMBING CODE
- 2019 NATIONAL ELECTRICAL CODE

DRAWING INDEX

- A-1.0 TITLE / SITE LAYOUT
- A-1.1 FIRST FLOOR PLAN
- A-1.2 SECOND FLOOR PLAN
- A-2.1 EXTERIOR ELEVATIONS

BUILDING INFORMATION

CONSTRUCTION TYPE: II-B
FULLY SPRINKLED (NFPA 13)

(SPRINKLER SYSTEM IS INSTALLED AS PART OF BUILDING SHELL -
SPRINKLER DRAWINGS WILL PROVIDED BY LICENSED CONTRACTOR.)

OCCUPANCY TYPE: B (GROUP B)

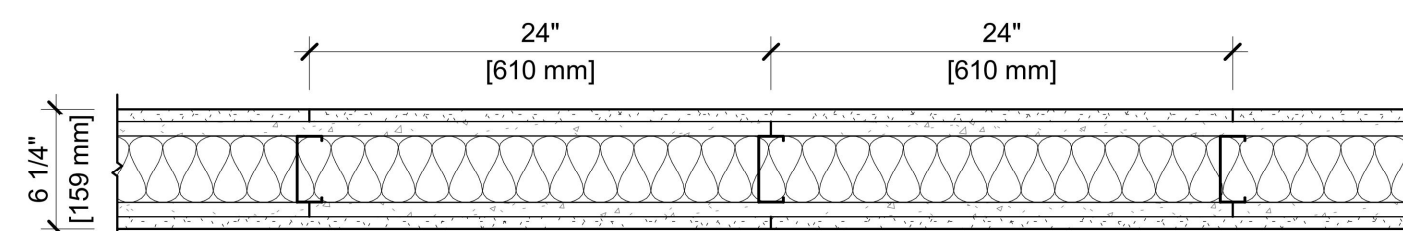
AREA OF CONSTRUCTION:
TWO STORY : 6,548 + 4180 = 10,728 SF

MAX ALLOWABLE: 100 OCCUPANTS (100 SF / PERSON)
(MIN. CALCULATED LOAD - CAPACITY
MAY BE INCREASED UPON REQUEST)

TOTAL EXIT WIDTH REQUIRED: 43x0.2in=15.2 in
TOTAL EXIT WIDTH PROVIDED: 144 in

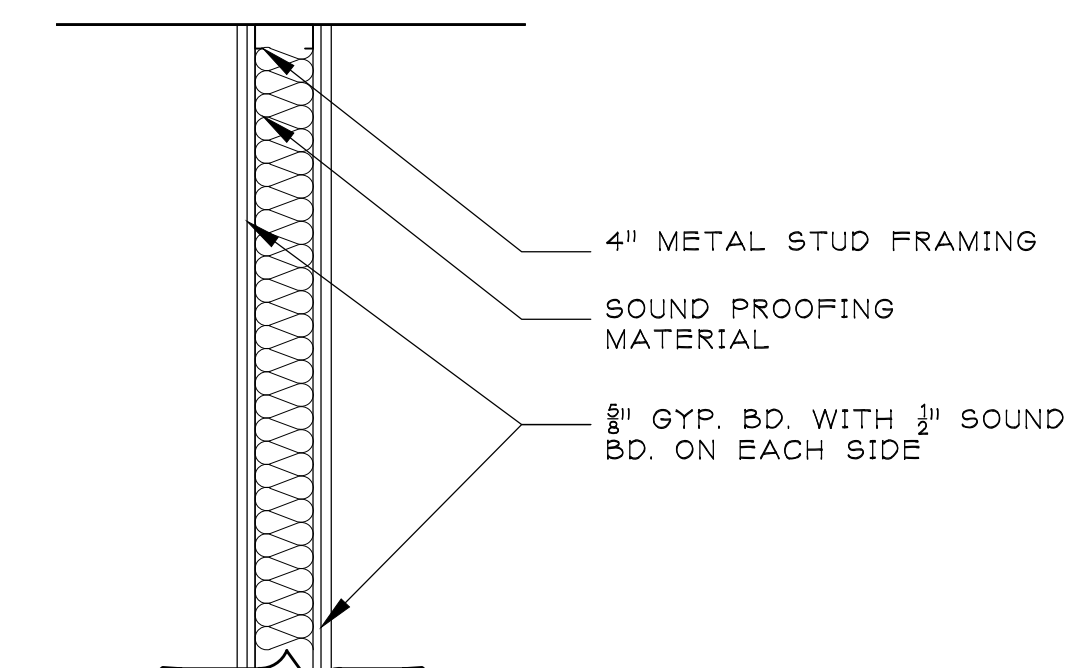
MAXIMUM TRAVEL DISTANCE = 75 FT

DESIGN NO. UL V465
FIRE RATING: 2 HOURS
STC RATING: S1-S5
SOUND TEST: ESTIMATED RANGE
SYSTEM THICKNESS: 6-1/4" [159 MM]
LOCATION: INTERIOR
FRAMING TYPE: STEEL STUD (LOAD-BEARING)



ASSEMBLY REQUIREMENTS:

GYPSON PANELS: ONE LAYER 5/8" [15.9 MM] SHEETROCK® GYPSON PANEL (UL TYPE SCX)
STRUCTURAL CEMENT-FIBER UNITS: ONE LAYER 3/4" [19 MM] STRUCTO-CRETE® PANEL (UL TYPES USGSP, STRUCTO-CRETE)
STEEL STUDS: 3-1/2" [89 MM] STEEL STUDS, 20 GA. (0.033"), 24" [610 MM] O.C.
INSULATION: 3-1/2" [89 MM] FIBERGLASS INSULATION
STRUCTURAL CEMENT-FIBER UNITS: ONE LAYER 3/4" [19 MM] STRUCTO-CRETE® PANEL (UL TYPES USGSP, STRUCTO-CRETE)
GYPSON PANELS: ONE LAYER 5/8" [15.9 MM] SHEETROCK® GYPSON PANEL (UL TYPE SCX)



TYP. INTERIAL WALL SECTION

SCALE: 1"=1'-0"

GENERAL WALL NOTES:

1. REFER TO APPLICABLE CODES REQUIREMENTS TO ENSURE COMPLIANCE PRIOR TO CONSTRUCTION.
2. FOR THE MOST UP-TO-DATE DETAILS, INCLUDING CONSTRUCTION VARIATIONS, REFER TO THE PUBLISHED DESIGN.
3. WHERE DESIGN NO. INDICATES "PER", THE FIRE RATING IS BASED ON LABORATORY TEST DATA OF THE REFERENCED SIMILARLY CONSTRUCTED ASSEMBLIES.
4. STUD SIZES AND INSULATION THICKNESS ARE MINIMUM UNLESS OTHERWISE STATED IN THE PUBLISHED ASSEMBLY.
5. STUD AND FASTENER SPACINGS ARE MAXIMUM UNLESS OTHERWISE STATED IN THE PUBLISHED ASSEMBLY.
6. PANEL ORIENTATION SHALL BE AS SPECIFIED IN THE PUBLISHED DESIGN.
7. FIRE-RATINGS ARE FROM BOTH SIDES UNLESS OTHERWISE STATED.
8. FIRE-RATINGS ARE MAINTAINED WITH ONE OR MORE OF THE FOLLOWING MODIFICATIONS: INCREASE STUD DEPTH, INCREASE STUD MATERIAL THICKNESS, DECREASE STUD SPACING, DECREASE FASTENER SPACING, INCREASE INSULATION THICKNESS UP TO CAVITY DEPTH.
9. WHERE ACOUSTICAL PERFORMANCE IS PROVIDED IN AN ESTIMATED RANGE, THE VALUES ARE BASED ON LABORATORY TEST DATA OF SIMILARLY CONSTRUCTED ASSEMBLIES.
10. SOUND-RATINGS ARE MAINTAINED WITH ONE OR MORE OF THE FOLLOWING MODIFICATIONS: INCREASE STUD DEPTH, DECREASE STUD MATERIAL THICKNESS, INCREASE STUD SPACING, INCREASE FASTENER SPACING, INCREASE INSULATION THICKNESS UP TO CAVITY DEPTH. MODIFICATIONS MUST NOT EXCEED LIMITATIONS OF FIRE RATING.

USG CGC
USG Corporation
550 West Adams Street
Chicago, IL 60661 USA
www.usg.com
T. 800-USG4YOU

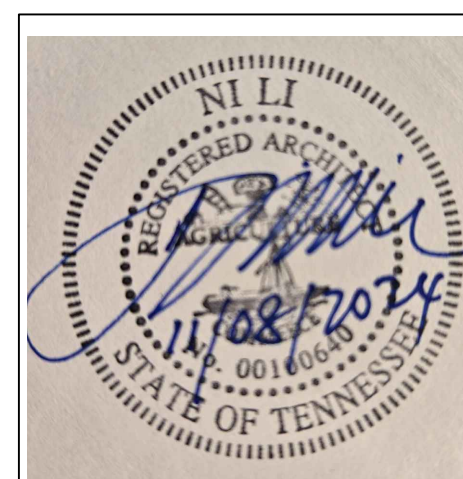
DISCLAIMER: THE USG PRODUCT INFORMATION CONTAINED HEREIN ARE INTENDED FOR USE AS PRODUCT INFORMATION ONLY. IT IS NOT INTENDED TO BE USED AS A SUBSTITUTE FOR THE DESIGN PROFESSIONAL'S RESPONSIBILITY IN THE SELECTION, SPECIFICATION, AND USE OF PRODUCTS. THE DESIGN PROFESSIONAL'S RESPONSIBILITY IS TO VERIFY THE INFORMATION PROVIDED IN THIS DOCUMENT IS ACCURATE AND TO BE A SUBSTITUTE FOR THE DESIGN PROFESSIONAL'S RESPONSIBILITY IN THE SELECTION, SPECIFICATION, AND USE OF PRODUCTS. THE DESIGN PROFESSIONAL'S RESPONSIBILITY IS TO VERIFY THE INFORMATION PROVIDED IN THIS DOCUMENT IS ACCURATE AND TO BE A SUBSTITUTE FOR THE DESIGN PROFESSIONAL'S RESPONSIBILITY IN THE SELECTION, SPECIFICATION, AND USE OF PRODUCTS.

UL V465

ISSUE RECORD:
Revision Date
10/05/2021 11:56:57 PM

SHEET INFORMATION:
SB-P-2-05

RENOVATION OF
1122 HIGH STREET COLUMBIA, TN 38401
HENDERICK Inc. / GENERAL CONTRACTOR
Attn: Waddell Wright



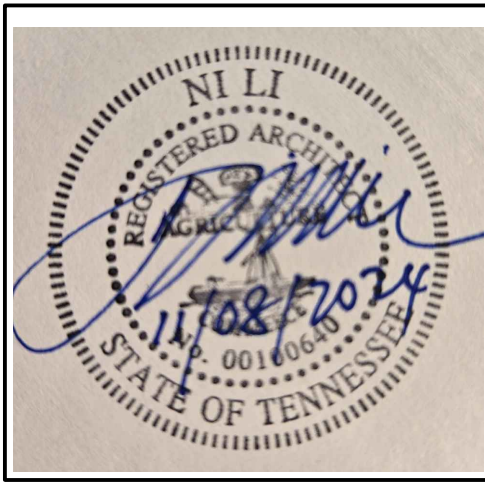
ISSUE DATE:
11.08.2024

REVISIONS:

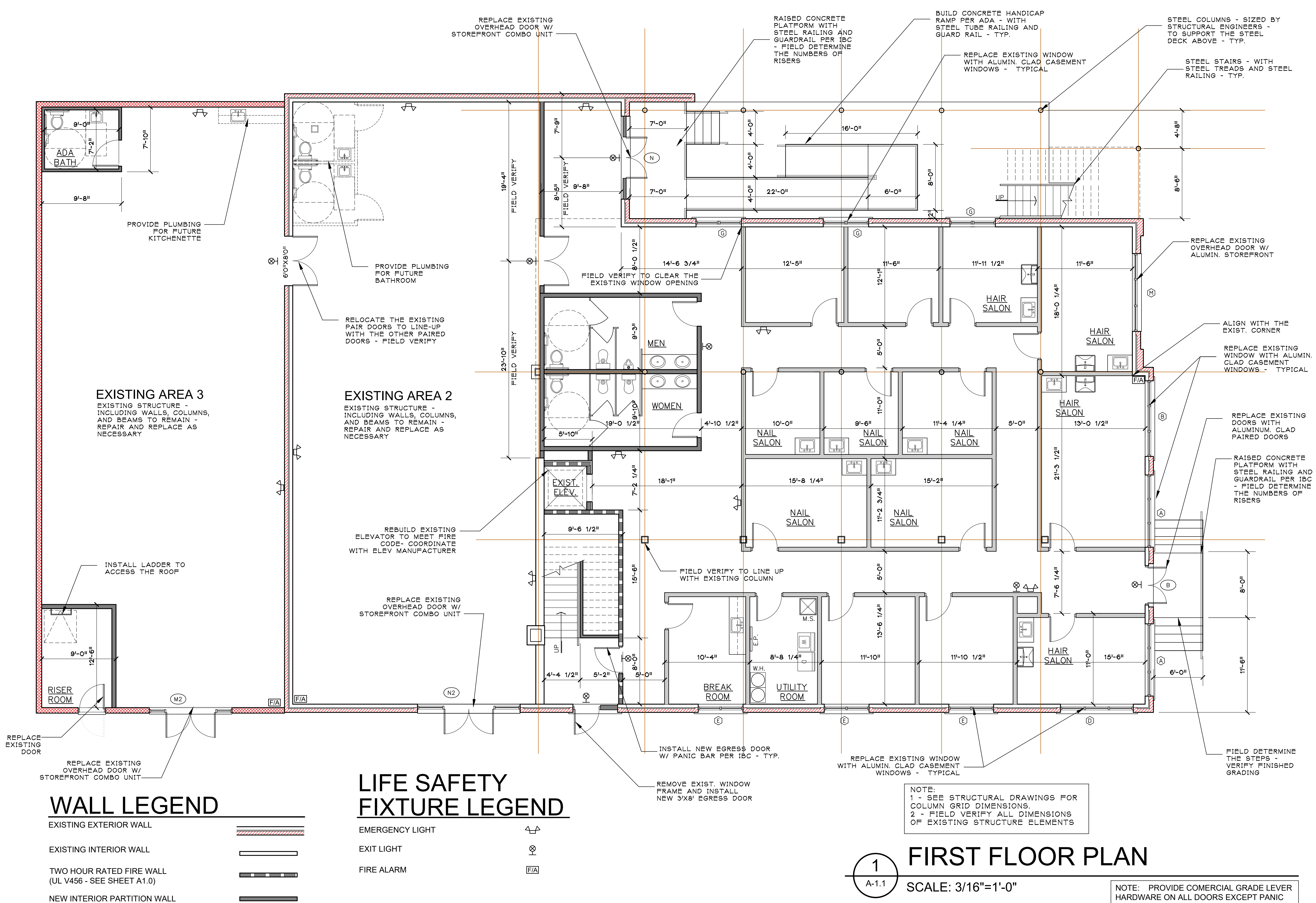
06.25.2025
07.30.2025
08.14.2025
08.19.2025

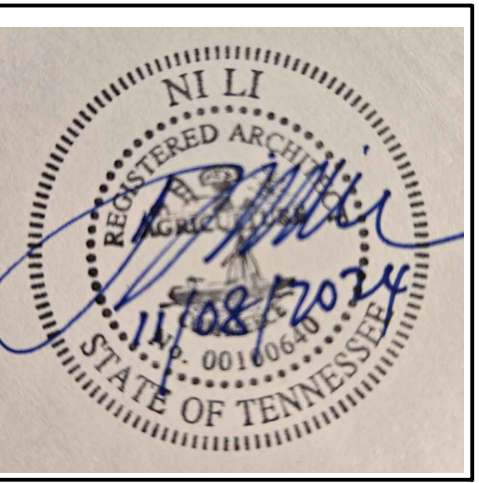
A-1.0

TITLE SHEET



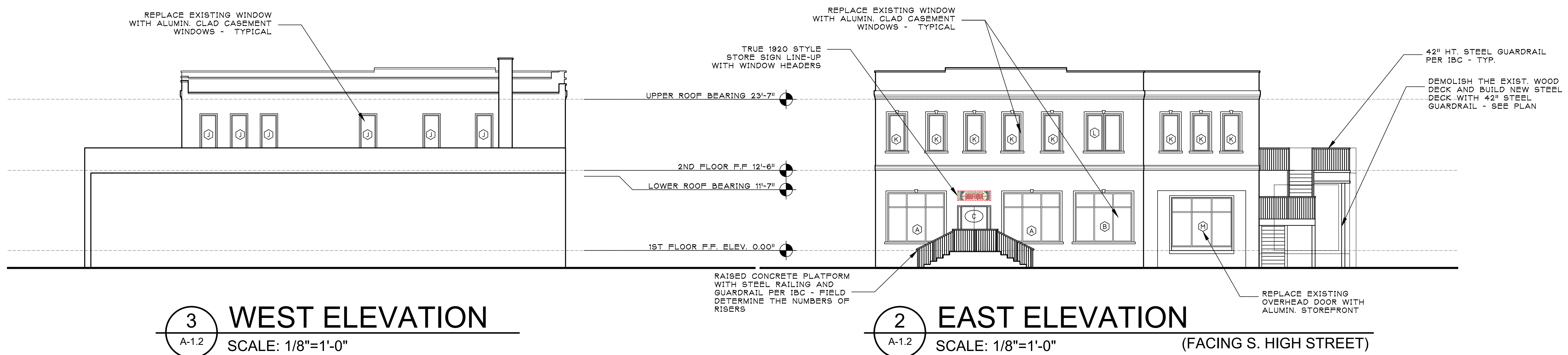
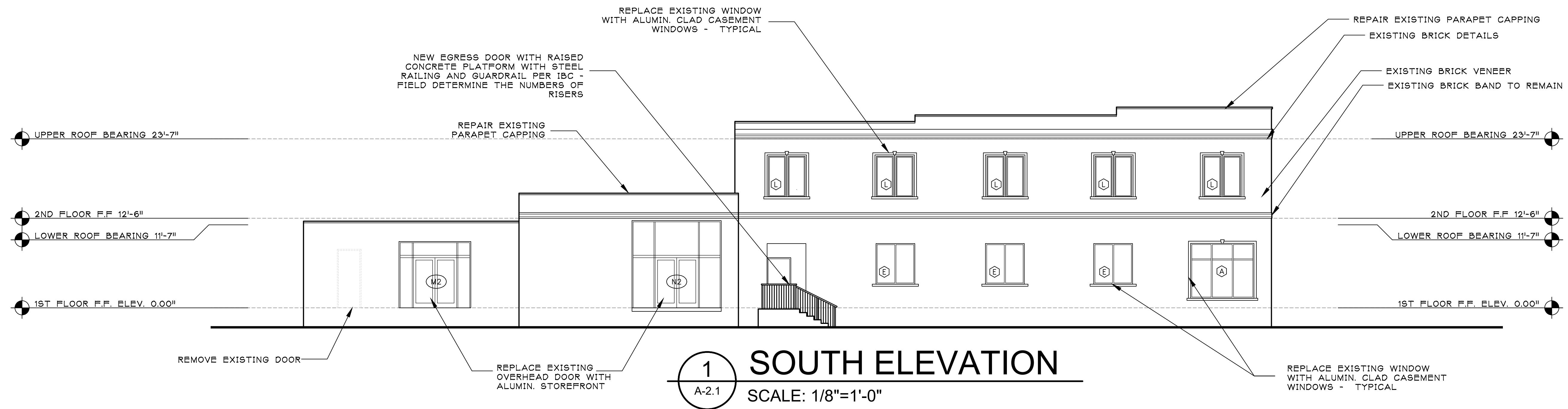
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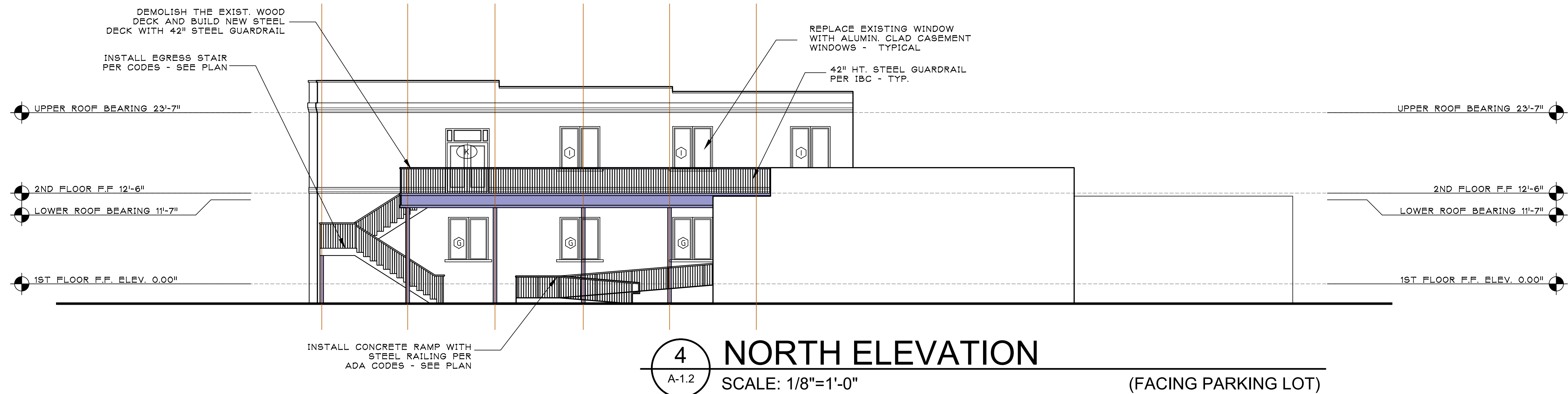


ISSUE DATE:	11.08.2024
REVISIONS:	
	06.25.2025
	07.30.2025
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	08.19.2025

A-2.1
EXTERIOR ELEVATIONS



3 WEST ELEVATION
A-1.2 SCALE: 1/8"=1'-0"





SERIES SMI-245 ALUMINUM STOREFRONT SYSTEM.

THIS SYSTEM MAY BE USED IN CONJUNCTION WITH "ALDORA ALUMINUM & GLASS PRODUCTS" APPROVED DOOR PRODUCTS. LOWER DESIGN PRESSURE FROM STOREFRONT OR DOOR APPROVAL WILL APPLY TO ENTIRE SYSTEM.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC 2020 7TH EDITION) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE LISTED, SPACED AS SHOWN ON DETAILS ANCHORS EMBEDDED TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN THE DESIGN OF ANCHORS INTO WOOD ONLY.

INSTRUCTIONS:

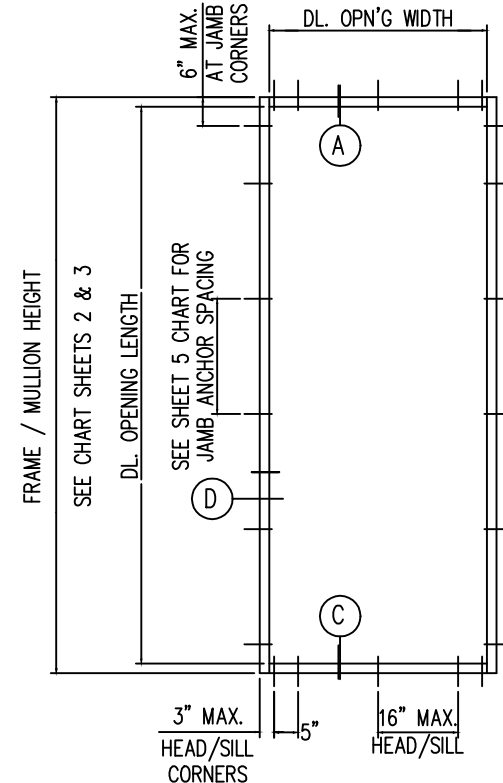
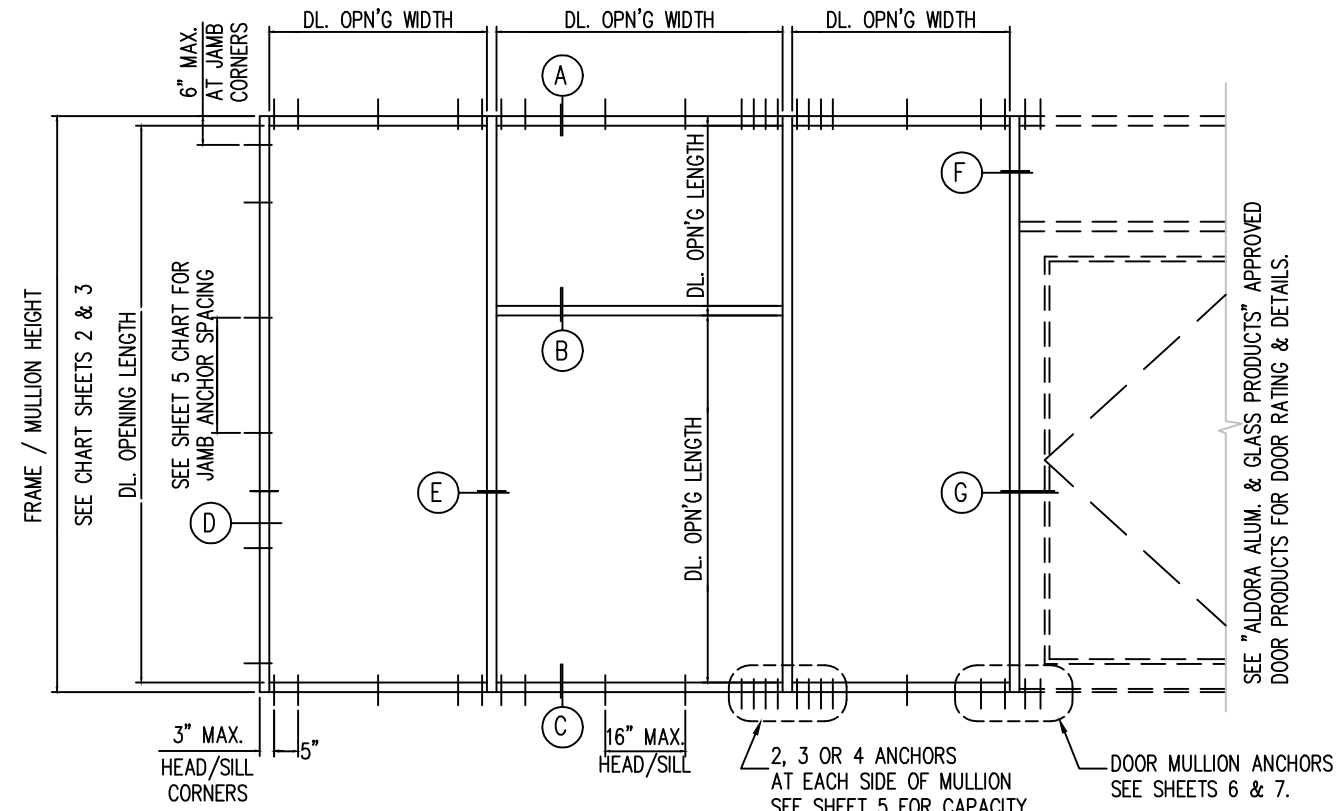
USE CHARTS AS FOLLOWS

STEP 1.- DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON THE WIND VELOCITY, BUILDING HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.

STEP 2.- CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEETS 2 & 3 FOR STOREFRONT MULLION AND SHEETS 5 & 6 FOR DOOR MULLION. THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.

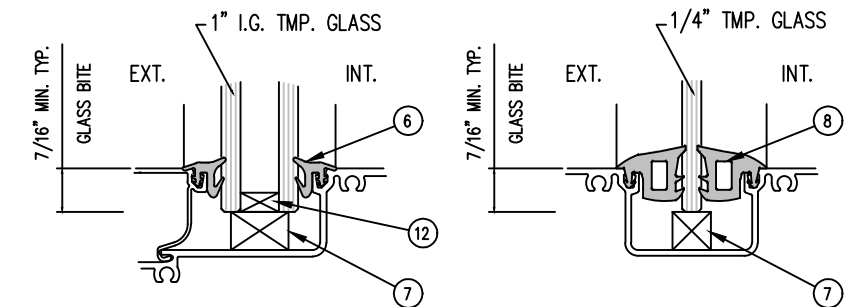
STEP 3.- USING CHART ON SHEET 4 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.

STEP 4.- THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO THE ENTIRE SYSTEM.



TYPICAL ELEVATIONS

DESIGN PRESSURES:
MULLIONS - SEE CHARTS ON PAGES 2, 3, 5, & 6. FRAME ANCHORS - SEE CHART ON PAGE 4.
THIS SYSTEM IS NOT RATED FOR IMPACT.
INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS. INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA MUST MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.



GLASS TYPE -G1
1" INSULATED TEMPERED GLASS
1/4" TEMPERED -
1/2" AIRSPACE -
1/4" TEMPERED

GLASS TYPE -G2
1/4" TEMPERED GLASS

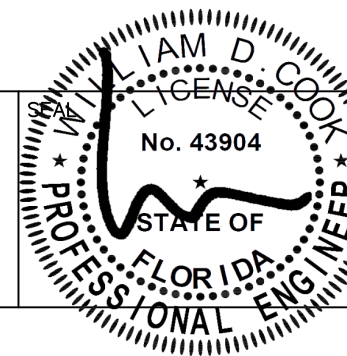
GLAZING DETAILS

GLASS TYPES G1 & G2 ARE APPROVED FOR ALL MULLION CONFIGURATIONS SHOWN ON SHEETS 2-5.

PROJECT NAME: SMI 245 SERIES STOREFRONT SYSTEM		
DRAWING NUMBER: SMI-245-PA-1	DRAW BY: M.G.	PRODUCT APPROVAL NO.: FL 35263.1
SHT. 1 OF 10	SCALE:	DATE: 04/08/2021



4250 CORAL RIDGE DRIVE
CORAL SPRINGS, FL 33065
PHONE: 954-784-6900
FAX: 954-688-9816

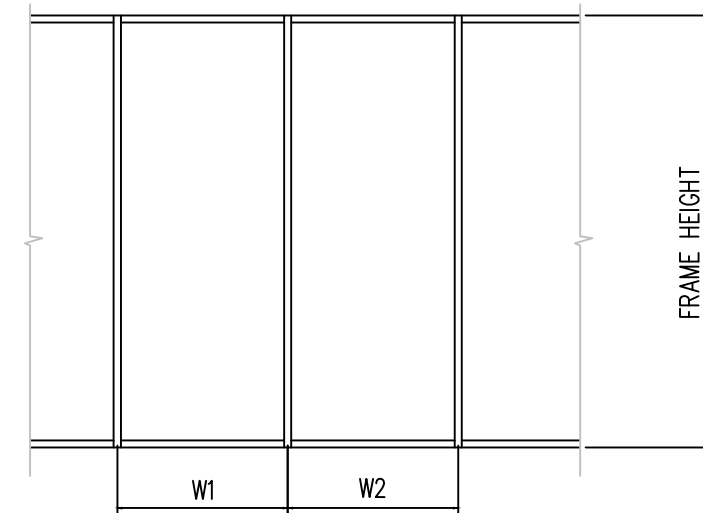


04/19/2021
William D. Cook, PE
Cook, PE
WILLIAM D. COOK P.E.
FLA P.E. #43904, FLA S.I. #2008

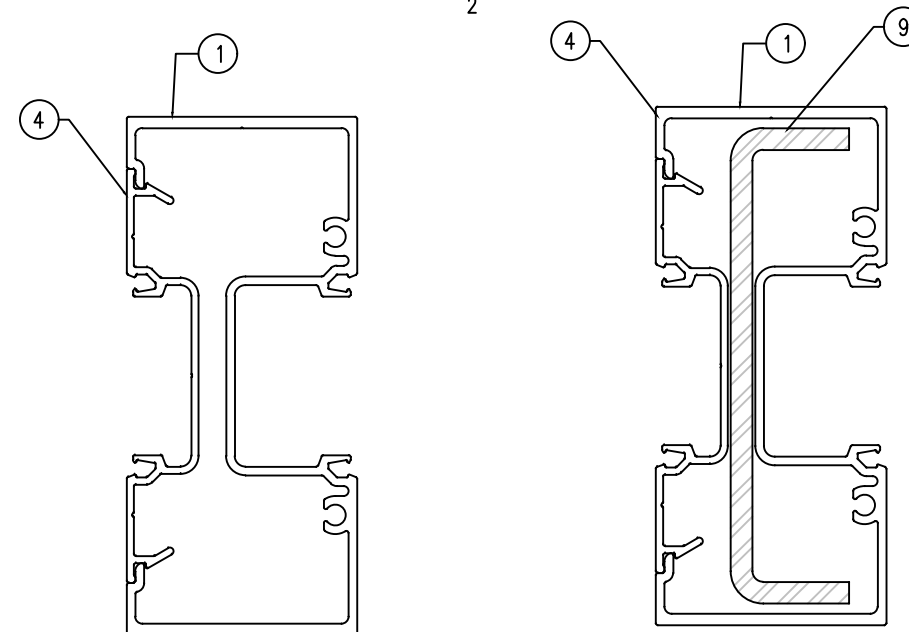
BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624 FAX: (954) 772-4634

MULLION LOAD CAPACITY – PSF WITHOUT INTERMEDIATE HORIZONTALS						
NOMINAL DIMS.		WITHOUT REINFORCING		WITH REINFORCING		
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	
24"	66"	80	120	80	120	
30"		80	120	80	120	
36"		80	120	80	120	
42"		80	120	80	120	
48"		80	120	80	120	
54"		80	120	80	120	
60"		80	120	80	120	
66"		80	120	80	120	
72"		80	120	80	120	
24"		72"	80	120	80	120
30"	80		120	80	120	
36"	80		120	80	120	
42"	80		106	80	120	
48"	80		96.5	80	120	
54"	80		89.9	80	120	
60"	80		85.5	80	120	
66"	80		83.0	80	120	
72"	80		82.1	80	120	
24"	78"		80	120	80	120
30"		80	120	80	120	
36"		80	100	80	120	
42"		80	88.5	80	120	
48"		80	80.1	80	120	
54"		74.0	74.0	80	120	
60"		69.8	69.8	80	116	
66"		66.8	66.8	80	111	
72"		65.2	65.2	80	109	
24"		84"	80	120	80	120
30"	80		101	80	120	
36"	80		85.7	80	120	
42"	75.2		75.2	80	120	
48"	67.7		67.7	80	113	
54"	62.2		62.2	80	104	
60"	58.2		58.2	80	97.0	
66"	55.3		55.3	80	92.1	
24"	90"		80	108	80	120
30"			80	87.4	80	120
36"		74.0	74.0	80	120	
42"		64.8	64.8	80	108	
48"		58.1	58.1	80	96.8	
54"		53.1	53.1	80	88.5	
60"		49.4	49.4	80	82.3	

MULLION LOAD CAPACITY – PSF WITHOUT INTERMEDIATE HORIZONTALS						
NOMINAL DIMS.		WITHOUT REINFORCING		WITH REINFORCING		
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	
24"	96"	80.0	94.4	80	120	
30"		76.4	76.4	80	120	
36"		64.7	64.7	80	108	
42"		56.4	56.4	80	94	
48"		50.4	50.4	80	84	
54"		45.9	45.9	76.5	76.5	
60"		42.5	42.5	70.8	70.8	
24"		102"	80.0	83.4	80	120
30"	67.4		67.4	80	112	
36"	56.9		56.9	80	94.9	
42"	49.6		49.6	80	82.7	
48"	44.2		44.2	73.7	73.7	
54"	40.1		40.1	66.9	66.9	
24"	108"	74.3	74.3	80	120	
30"		59.9	59.9	80	99.9	
36"		50.6	50.6	80	84.3	
42"		44.0	44.0	73.3	73.3	
48"		39.1	39.1	65.2	65.2	
24"		114"	66.5	66.5	80	111
30"	53.7		53.7	80	89.5	
36"	45.2		45.2	75.3	75.3	
42"	39.2		39.2	65.4	65.4	
48"	34.8		34.8	58	58	
24"	120"		59.9	59.9	80	99.9
30"		48.3	48.3	80	80.5	
36"		40.7	40.7	67.8	67.8	
42"		35.2	35.2	58.7	58.7	
48"		31.2	31.2	52.1	52.1	
24"		126"	51.2	51.2	80	99.9
30"	41.2		41.2	80	80.5	
36"	34.6		34.6	67.8	67.8	
42"	30.4		30.4	58.7	58.7	
24"	132"		45.3	45.3	75.6	75.6
30"			36.5	36.5	60.8	60.8
36"		30.6	30.6	51.1	51.1	
42"		26.5	26.5	44.2	44.2	
24"		138"	39.4	39.4	65.6	65.6
30"			31.7	31.7	52.8	52.8
36"	26.6		26.6	44.3	44.3	
24"	144"		34.7	34.7	57.8	57.8
30"			27.9	27.9	46.5	46.5
36"			23.4	23.4	39	39



$$WIDTH (W) = \frac{W1 + W2}{2}$$



MULLION
W / O REINFORCING

MULLION
W / REINFORCING

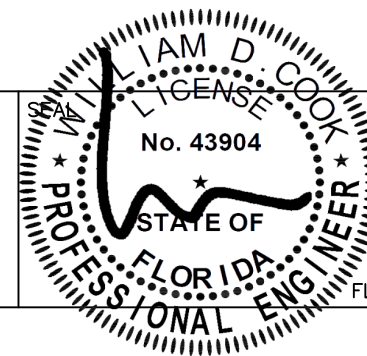
Ix IN ⁴	Sx IN ³
3.421	1.52

	Ix IN ⁴	Sx IN ³
ALUMINUM	3.421	1.52
STEEL	2.260	1.064
TOTAL Ix ALUM. + Ix STL. X 2.9	9.975	

PROJECT NAME: SMI 245 SERIES STOREFRONT SYSTEM		
DRAWING NUMBER: SMI-245-PA-1	DRAW BY: M.G.	PRODUCT APPROVAL NO.: FL 35263.1
SHT. 2 OF 10	SCALE:	DATE: 04/08/2021



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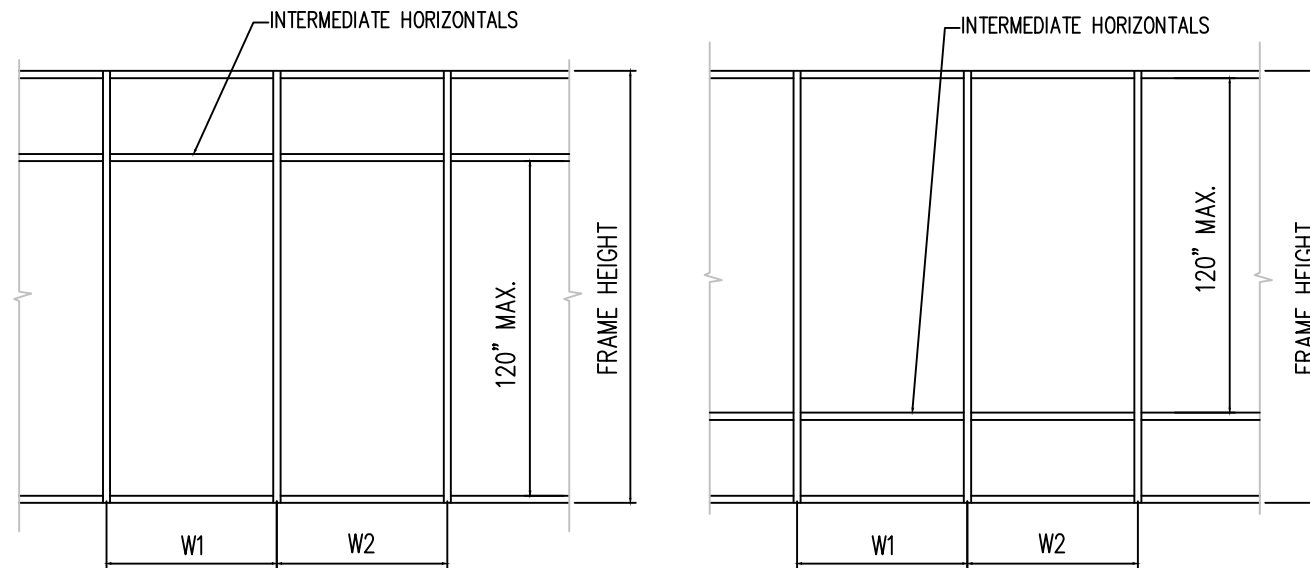
04/19/2021

WILLIAM D. COOK P.E.
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BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624 FAX: (954) 772-4634

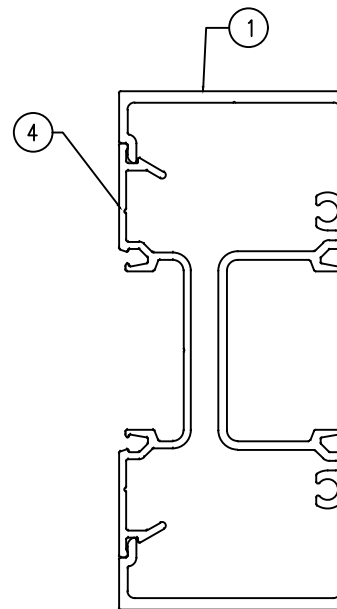
MULLION LOAD CAPACITY – PSF WITH INTERMEDIATE HORIZONTALS						
NOMINAL DIMS.		WITHOUT REINFORCING		WITH REINFORCING		
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)	
24"	60"	80	120	80	120	
30"		80	120	80	120	
36"		80	120	80	120	
42"		80	114	80	120	
48"		80	99.4	80	120	
54"		80	88.4	80	120	
60"		80	79.5	80	120	
66"		80	72.3	80	117	
72"		66.3	66.3	80	120	
24"		66"	80	120	80	120
30"	80		120	80	120	
36"	80		110	80	120	
42"	80		93.9	80	120	
48"	80		82.2	80	120	
54"	73		73	80	120	
60"	65.7		65.7	80	120	
66"	59.8		59.8	80	120	
72"	65.2		65.2	80	118	
24"	72"		80	120	80	120
30"		80	120	80	120	
36"		80	110	80	120	
42"		80	93.9	80	120	
48"		80	82.2	80	120	
54"		73	73	80	120	
60"		65.7	65.7	80	109	
66"		59.8	59.8	80	99.6	
72"		54.8	54.8	80	91.3	
24"		78"	80	120	80	120
30"	80		112	80	120	
36"	80		93.3	80	120	
42"	80		80	80	120	
48"	70		70	80	117	
54"	62.3		62.3	80	104	
60"	56		56	80	93.4	
66"	50.9		50.9	80	84.9	
72"	46.7		46.7	77.8	77.8	
24"	84"		80	120	80	120
30"		80	96.6	80	120	
36"		80	40.9	80	120	
42"		69	69	80	115	
48"		60.4	60.4	80	100	
54"		53.7	53.7	80	89.4	
60"		48.36	48.6	80	80.5	
66"		43.9	43.9	73.2	73.2	
24"		90"	80	108	80	120
30"			80	87.4	80	120
36"	74		74	80	120	
42"	64.8		64.8	80	108	
48"	58.1		58.1	80	96.8	
54"	53.1		53.1	80	88.5	
60"	49.4		49.4	80	82.3	

MULLION LOAD CAPACITY – PSF WITH INTERMEDIATE HORIZONTALS							
NOMINAL DIMS.		WITHOUT REINFORCING		WITH REINFORCING			
WIDTH (W)	FRAME HEIGHT	EXT.(+)	INT.(–)	EXT.(+)	INT.(–)		
24"	96"	80	94.4	80	120		
30"		76.4	76.4	80	120		
36"		64.7	64.7	80	108		
42"		56.4	56.4	80	94		
48"		50.4	50.4	80	84		
54"		45.9	45.9	76.5	76.5		
60"		42.5	42.5	70.8	70.8		
24"		102"	80	83.4	80	120	
30"			67.4	67.4	80	112	
36"			56.9	56.9	80	94.9	
42"	49.6		49.6	80	82.7		
48"	44.2		44.2	73.7	73.7		
54"	40.1		40.1	66.9	66.9		
24"	108"		74.3	74.3	80	120	
30"			59.9	59.9	80	99.9	
36"			50.6	50.6	80	84.3	
42"			44	44	73.3	73.3	
48"		39.1	39.1	65.2	65.2		
24"		114"	66.5	66.5	80	111	
30"			53.7	53.7	80	89.5	
36"			45.2	45.2	75.3	75.3	
42"			39.2	39.2	65.4	65.4	
48"			34.8	34.8	58	58	
24"	120"		59.9	59.9	80	99.9	
30"			48.3	48.3	80	80.5	
36"			40.7	40.7	67.8	67.8	
42"			35.2	35.2	58.7	58.7	
48"			31.2	31.2	52.1	52.1	
24"		126"	51.2	51.2	80	99.9	
30"			41.2	41.2	80	80.5	
36"			34.6	34.6	67.8	67.8	
42"			30.4	30.4	58.7	58.7	
24"			132"	45.3	45.3	75.6	75.6
30"	36.5			36.5	60.8	60.8	
36"	30.6			30.6	51.1	51.1	
42"	26.5			26.5	44.2	44.2	
24"	138"			39.4	39.4	65.6	65.6
30"				31.7	31.7	52.8	52.8
36"		26.6		26.6	44.3	44.3	
24"		144"		34.7	34.7	57.8	57.8
30"				27.9	27.9	46.5	46.5
36"				23.4	23.4	39	39



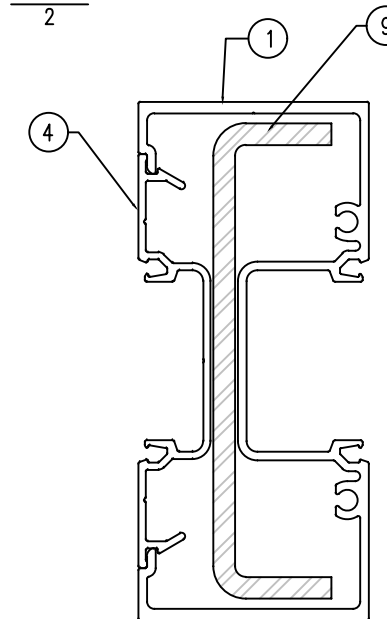
MAX. SPACING BETWEEN HORIZONTALS ≤ 120 INCHES

$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



MULLION
W / O REINFORCING

Ix IN ⁴	Sx IN ³
3.421	1.52



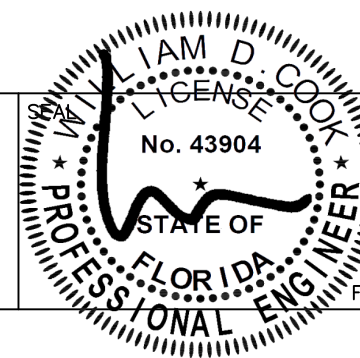
MULLION
W / REINFORCING

	Ix IN ⁴	Sx IN ³
ALUMINUM	3.421	1.52
STEEL	2.260	1.064
TOTAL Ix ALUM. + Ix STL X 2.9	9.975	

PROJECT NAME: SMI 245 SERIES STOREFRONT SYSTEM		
DRAWING NUMBER: SMI-245-PA-1	DRAW BY: M.G.	PRODUCT APPROVAL NO.: FL 35263.1
SHT. 3 OF 10	SCALE:	DATE: 04/08/2021



4250 CORAL RIDGE DRIVE
CORAL SPRINGS, FL 33065
PHONE: 954-784-6900
FAX: 954-688-9816



04/19/2021

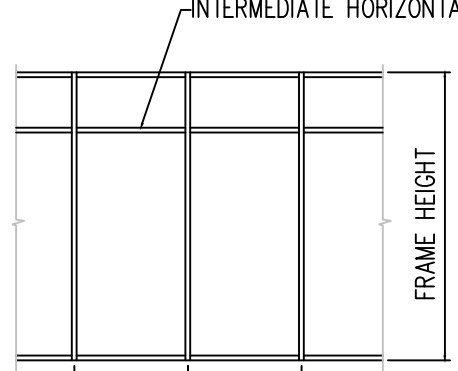
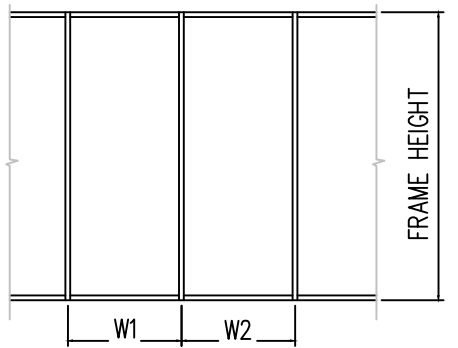
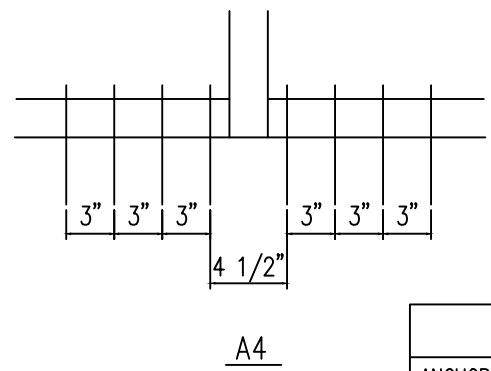
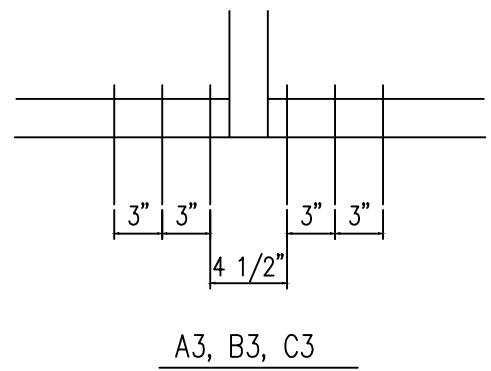
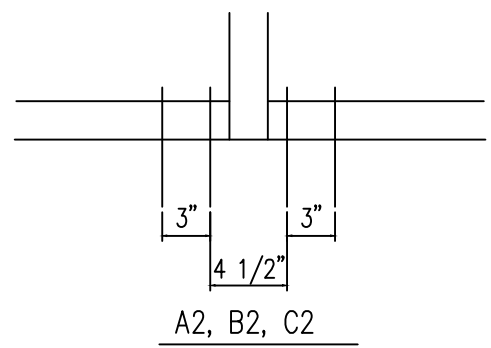
WILLIAM D. COOK P.E.
FLA P.E. #43904, FLA S.I. #2008

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624 FAX: (954) 772-4634

ANCHOR LOAD CAPACITY – PSF EXT. (+) & INT. (-)							
NOMINAL DIMS.		ANCHORS TYPE "A"			TYPE "B" & "C"		
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2/C2	B3/C3	
24"	60"	120	120	120	120	120	
30"		115	120	120	120	120	
36"		96.5	120	120	120	120	
42"		82.7	120	120	120	120	
48"		72.4	108	120	120	120	
54"		64.4	96.6	120	120	120	
60"		57.9	86.8	115.8	108	120	
66"		52.6	78.9	105.2	98.6	120	
72"		48.3	72.4	96.6	90.4	120	
24"		66"	120	120	120	120	120
30"	105		120	120	120	120	
36"	87.7		120	120	120	120	
42"	75.2		112.8	120	120	120	
48"	65.8		98.7	120	120	120	
54"	58.5		87.7	117	109.5	120	
60"	52.6		78.9	105.2	98.6	120	
66"	47.9		71.8	95.8	89.6	120	
72"	43.9		65.8	87.8	82.2	118	
24"	72"		120	120	120	120	120
30"		96.5	120	120	120	120	
36"		80.4	120	120	120	120	
42"		68.9	103.3	120	120	120	
48"		60.3	90.4	120	113	120	
54"		53.6	80.4	107.2	100.4	120	
60"		48.2	42.3	96.4	90.4	120	
66"		43.9	65.8	87.6	82.2	120	
72"		40.2	60.3	80.4	75.3	120	
24"		78"	111.4	120	120	120	120
30"	89.1		120	120	120	120	
36"	74.2		11.3	120	120	120	
42"	63.6		95.4	120	119.2	120	
48"	55.7		83.5	11.4	104.3	120	
54"	49.5		74.2	99	92.7	120	
60"	44.5		66.7	89	83.4	116	
66"	40.5		60.7	81	75.9	111	
72"	37.1		55.6	74.2	69.5	109	
24"	84"		103.4	120	120	120	120
30"		82.7	120	120	120	120	
36"		69	103.5	120	120	120	
42"		56.1	88.6	115	110.7	120	
48"		51.7	77.5	100	96.8	113	
54"		46	69	89.4	86.1	104	
60"		41.4	62.1	80.5	77.5	97	
66"		37.6	56.4	73.2	70.4	92.1	
24"		90"	96.5	120	120	120	120
30"			77.2	115.8	120	120	120
36"	64.3		96.4	120	120	120	
42"	55.2		82.6	108	103.3	108	
48"	48.2		72.3	96.4	90.4	96.8	
54"	42.9		64.3	85.8	80.3	88.5	
60"	38.6		57.9	77.2	72.3	82.3	

ANCHOR LOAD CAPACITY – PSF EXT. (+) & INT. (-)								
NOMINAL DIMS.		ANCHORS TYPE "A"			TYPE "B" & "C"			
WIDTH (W)	FRAME HEIGHT	A2	A3	A4	B2/C2	B3/C3		
24"	96"	90.5	120	120	120	120		
30"		72.4	108.6	120	120	120		
36"		60.3	90.4	108	108	108		
42"		51.7	77.5	94	94	94		
48"		45.2	67.8	84	84	84		
54"		40.2	60.3	76.5	75.3	76.5		
60"		36.2	54.3	70.8	67.8	70.8		
24"		102"	85.2	120	120	120	120	
30"			68.1	102.2	112	112	112	
36"			57.8	86.7	94.9	94.9	94.9	
42"	48.7		73.1	82.7	82.7	82.7		
48"	42.6		63.9	73.7	73.7	73.7		
54"	37.8		56.7	66.9	66.9	66.9		
24"	108"		80.4	120	120	120	120	
30"			64.3	96.4	99.9	99.9	99.9	
36"			53.6	80.4	84.3	84.3	84.3	
42"			46	69	73.3	73.3	73.3	
48"		40.2	60.3	65.2	65.2	65.2		
24"		114"	76.2	111	111	111	111	
30"			60.9	89.5	89.5	89.5	89.5	
36"			50.8	75.3	75.3	75.3	75.3	
42"			43.5	65.2	65.4	65.4	65.4	
48"			38.1	57.1	58	58	58	
24"	120"		72.4	99.9	99.9	99.9	99.9	
30"			57.9	80.5	80.5	80.5	80.5	
36"			48.2	67.8	67.8	67.8	67.8	
42"			41.4	58.7	58.7	58.7	58.7	
48"			36.2	52.1	52.1	52.1	52.1	
24"		126"	68.9	99.9	99.9	99.9	99.9	
30"			55.2	80.5	80.5	80.5	80.5	
36"			46	67.8	67.8	67.8	67.8	
42"			39.4	58.7	58.7	58.7	58.7	
24"			132"	65.8	75.6	75.6	75.6	75.6
30"	52.6			60.8	60.8	60.8	60.8	
36"	43.9			51.1	51.1	51.1	51.1	
42"	37.6			44.2	44.2	44.2	44.2	
24"	138"			63.9	65.6	65.6	65.6	65.6
30"				50.4	52.8	52.8	52.8	52.8
36"		41.9		44.3	44.3	44.3	44.3	
24"		144"		57.8	57.8	57.8	57.8	57.8
30"				46.5	46.5	46.5	46.5	46.5
36"				39	39	39	39	39

ANCHORS TYPES: SEE SHEET 8 FOR DESCRIPTION
A2 = (2) ANCHORS TYPE "A" AT EACH SIDE OF THE MULLION
A3 = (3) ANCHORS TYPE "A" AT EACH SIDE OF THE MULLION
A4 = (4) ANCHORS TYPE "A" AT EACH SIDE OF THE MULLION
B2 = (2) ANCHORS TYPE "B" AT EACH SIDE OF THE MULLION
B3 = (3) ANCHORS TYPE "B" AT EACH SIDE OF THE MULLION
C2 = (2) ANCHORS TYPE "C" AT EACH SIDE OF THE MULLION
C3 = (3) ANCHORS TYPE "C" AT EACH SIDE OF THE MULLION
ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

ANCHOR TYPE	DESIGN PRESSURE (PSF)	WIDTHS ≤ 48" MAX. SPACING (IN.)	WIDTHS > 48" MAX. SPACING (IN.)
A	<50	21	14
	50 TO 80	13	9
	>80	9	6
B	<50	24	24
	50 TO 80	24	18
	>80	17	11
C	<50	24	24
	50 TO 80	24	16
	>80	15	10

PROJECT NAME: SMI 245 SERIES STOREFRONT SYSTEM

DRAWING NUMBER: SMI-245-PA-1

SHT. 4 OF 10

DRAW BY: M.G.

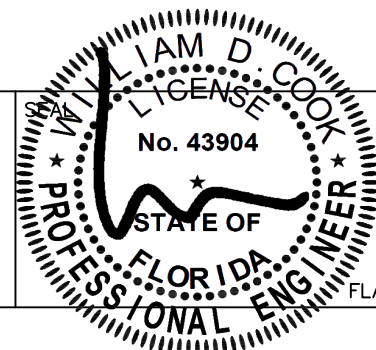
SCALE:

PRODUCT APPROVAL NO.: FL 35263.1

DATE: 04/08/2021



4250 CORAL RIDGE DRIVE
CORAL SPRINGS, FL 33065
PHONE: 954-784-6900
FAX: 954-688-9816

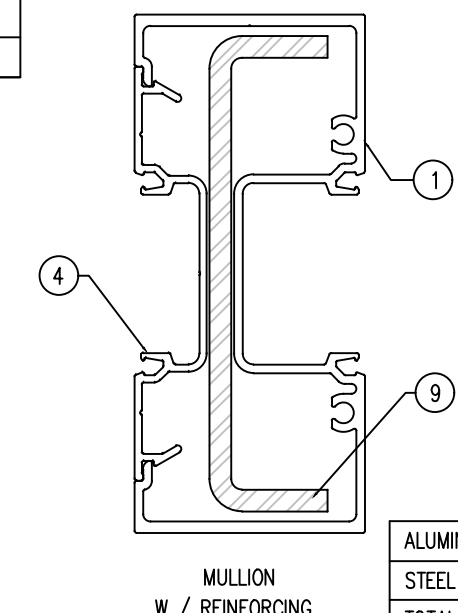
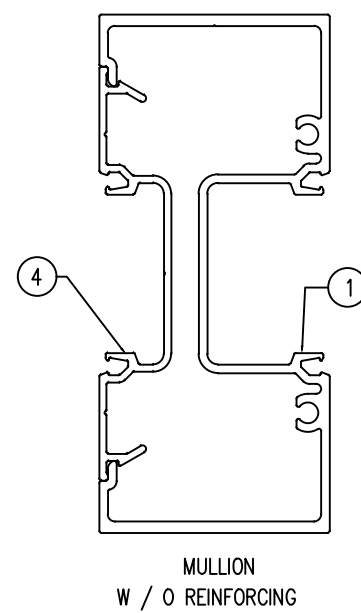
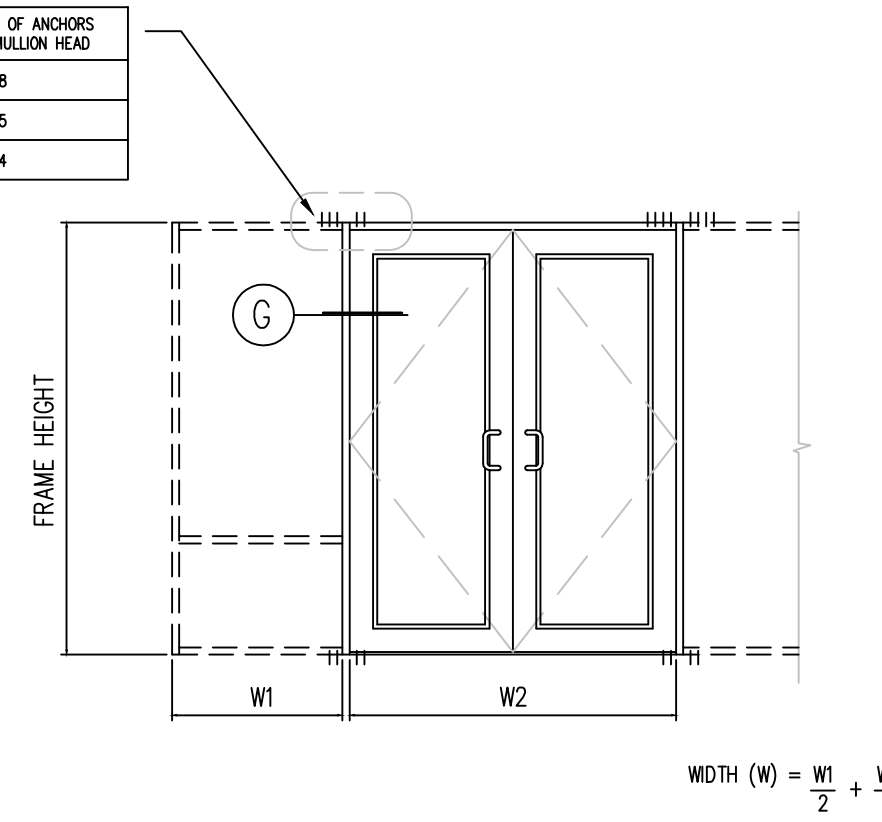
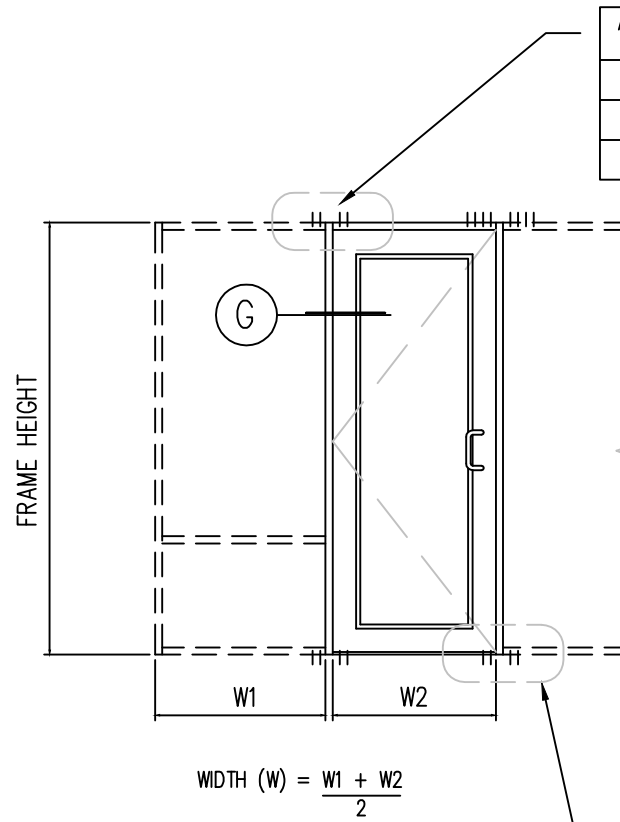


04/19/2021

WILLIAM D. COOK P.E.
FLA P.E. #43904, FLA S.I. #2008

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624 FAX: (954) 772-4634

DOOR MULLION LOAD CAPACITY - PSF			
WIDTH (W) INCHES	FRAME HEIGHT INCHES	WITHOUT REINF.	WITH REINF.
		EXT.(+) & INT.(-)	EXT.(+) & INT.(-)
30"	80"	106	120
36"		88.7	120
42"		76.1	120
48"		66.5	111
54"		59.2	98.6
60"	53.2	88.7	
30"	84"	80	120
36"		80	120
42"		69	115
48"		60.4	100
54"		53.7	89.4
60"	48.3	80.5	
30"	90"	68.2	120
36"		56.8	117
42"		48.7	100.2
48"		42.6	87.6
54"		37.9	77.9
60"	42.1	70.1	
30"	96"	73.9	120
36"		61.6	120
42"		52.8	103
48"		46.2	77
54"		41.1	68.5
60"	37	61.6	
30"	102"	65.5	109
36"		54.6	100
42"		46.8	78
48"		40.9	68.2
54"		36.4	60.7
60"	32.7	54.6	
30"	108"	58.4	97.4
36"		48.7	81.2
42"		41.7	69.5
48"		36.5	60.9
54"		32.5	54.1
60"	29.2	48.7	
30"	114"	52.4	87.4
36"		43.7	72.8
42"		37.4	62.4
48"		32.8	54.6
54"		29.2	48.5
60"	26.2	43.7	
30"	120"	47.3	78.9
36"		39.4	65.7
42"		33.8	56.3
48"		29.6	49.3
54"		26.3	43.8
60"	23.6	39.4	



PROJECT NAME: SMI 245 SERIES STOREFRONT SYSTEM

DRAWING NUMBER: SMI-245-PA-1

SHT. 5 OF 10

DRAW BY: M.G.

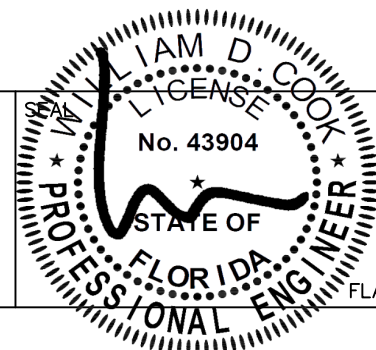
SCALE:

PRODUCT APPROVAL NO.: FL 35263.1

DATE: 04/08/2021



4250 CORAL RIDGE DRIVE
CORAL SPRINGS, FL 33065
PHONE: 954-784-6900
FAX: 954-688-9816



04/19/2021

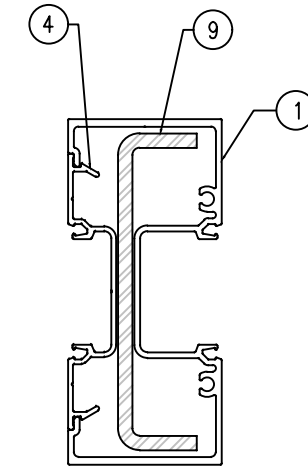
WILLIAM D. COOK P.E.
FLA P.E. #43904, FLA S.I. #2008

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
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DOOR MULLION LOAD CAPACITY					
NOMINAL DIMS.				LOADS - PSF	
DOOR WIDTH W2	SIDELITE WIDTH W1	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (-)	
60"	30"	84"	96"	83.8	
	36"			78.8	
	42"			74.3	
	48"			70.3	
54"	66.8				
30"	74.3				
72"	36"		70.3		
	42"		66.8		
	48"		63.5		
	54"		60.6		
60"	30"		84"	102"	76.5
	36"				71.9
	42"	67.8			
	48"	64.2			
54"	60.9				
30"	67.8				
72"	36"	64.2			
	42"	60.9			
	48"	65			
	54"	55.3			
60"	30"	84"		108"	67.8
	36"				63.7
	42"		60.1		
	48"		56.9		
54"	54				
30"	60.1				
72"	36"		56.9		
	42"		54		
	48"		51.4		
	54"		49		
60"	30"		84"	114"	60
	36"				56.4
	42"	53.2			
	48"	50.4			
54"	47.8				
30"	53.2				
72"	36"	50.4			
	42"	47.8			
	48"	45.5			
	54"	43.4			
60"	30"	84"		120"	47.9
	36"				51
	42"		48.1		
	48"		45.5		
54"	43.2				
30"	48.1				
72"	36"		45.5		
	42"		43.2		
	48"		41.1		

DOOR MULLION LOAD CAPACITY					
NOMINAL DIMS.				LOADS - PSF	
DOOR WIDTH W2	SIDELITE WIDTH W1	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (-)	
60"	30"	90"	102"	77.9	
	36"			73.2	
	42"			69	
	48"			65.3	
54"	62				
30"	69				
72"	36"		65.3		
	42"		62		
	48"		59		
	54"		56.3		
60"	30"		90"	108"	69.7
	36"				64.6
	42"	61			
	48"	57.7			
54"	54.8				
30"	61				
72"	36"	57.7			
	42"	54.8			
	48"	52.1			
	54"	49.7			
60"	30"	90"		114"	60.7
	36"				57.1
	42"		53.8		
	48"		51		
54"	48.4				
30"	53.8				
72"	36"		50.9		
	42"		48.4		
	48"		46		
	54"		43.9		
60"	30"		90"	120"	55
	36"				51.7
	42"	48.8			
	48"	46.3			
54"	43.9				
30"	48.8				
72"	36"	46.3			
	42"	43.9			
	48"	41.7			

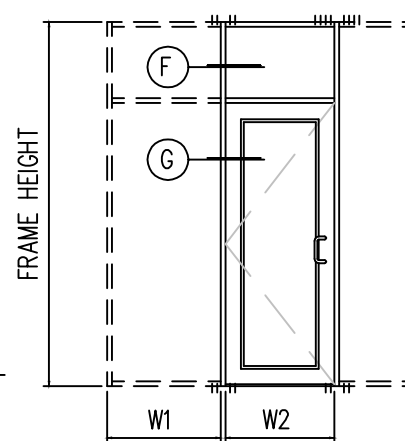
DOOR MULLION LOAD CAPACITY					
NOMINAL DIMS.				LOADS - PSF	
DOOR WIDTH W2	SIDELITE WIDTH W1	DOOR HEIGHT A	FRAME SPAN L	EXT. (+) INT. (-)	
60"	30"	96"	108"	69.7	
	36"			65.5	
	42"			61.8	
	48"			58.5	
54"	55.5				
30"	61.8				
72"	36"		58.5		
	42"		55.5		
	48"		52.8		
	54"		50.4		
60"	30"		96"	114"	61.9
	36"				58.2
	42"	54.9			
	48"	52			
54"	49.4				
30"	54.9				
72"	36"	52			
	42"	49.4			
	48"	47			
	54"	44.8			
60"	30"	96"		120"	55.7
	36"				52.3
	42"		49.4		
	48"		46.7		
54"	44.3				
30"	49.4				
72"	36"		46.7		
	42"		44.3		
	48"		42.2		



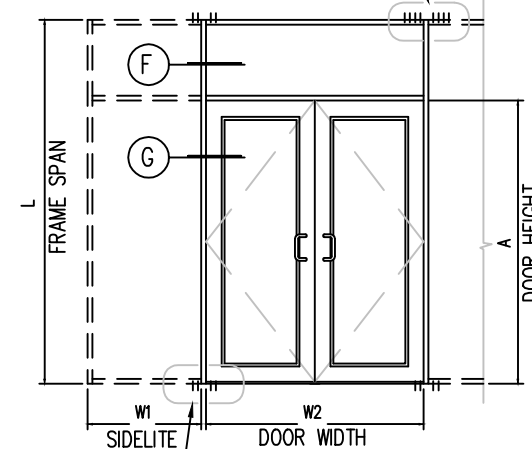
MULLION
W / REINFORCING

	1x IN ^4	Sx IN ^3
ALUMINUM	3.421	1.52
STEEL	2.260	1.064
TOTAL 1x ALUM. + 1x STL. X 2.9	9.975	

ANCHOR TYPES	TOTAL NO. OF ANCHORS AT DOOR MULLION HEAD
A	8
B	5
C	4



ANCHOR TYPE	TOTAL NO. OF ANCHORS AT DOOR MULLION SILL
B	4

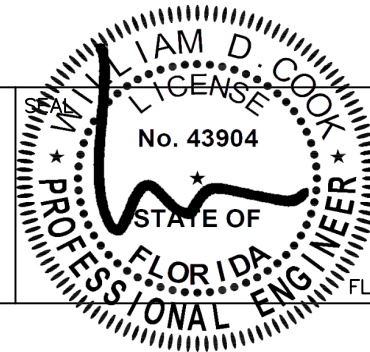


$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

PROJECT NAME: SMI 245 SERIES STOREFRONT SYSTEM		
DRAWING NUMBER: SMI-245-PA-1	DRAW BY: M.G.	PRODUCT APPROVAL NO.: FL 35263.1
SHT. 6 OF 10	SCALE:	DATE: 04/08/2021

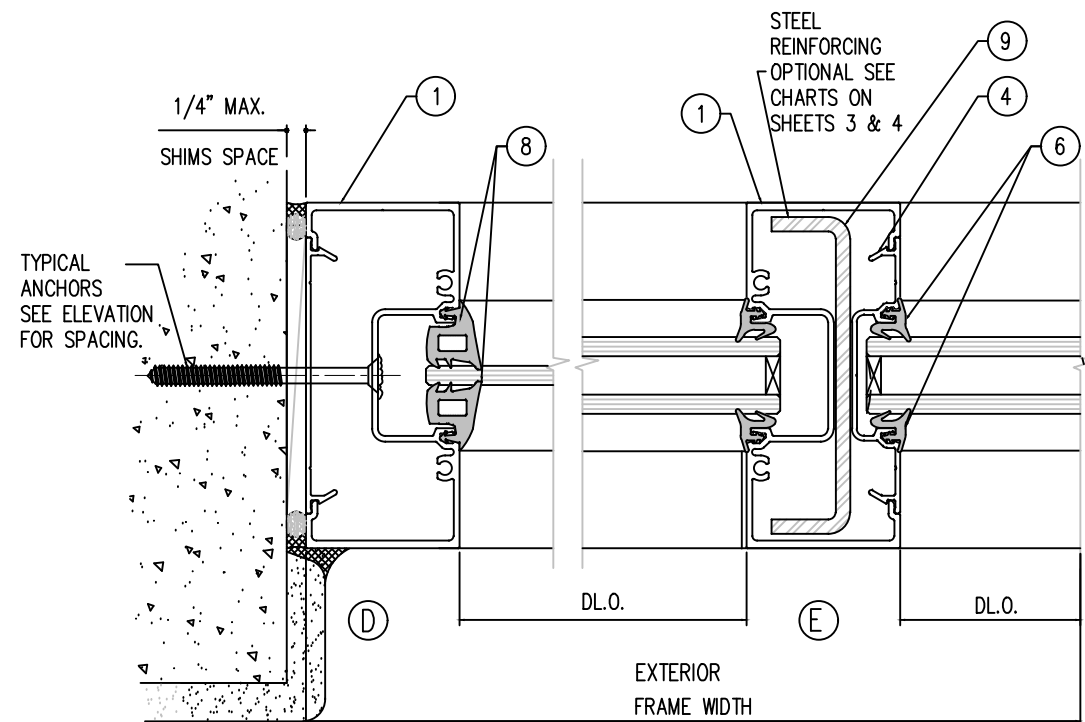
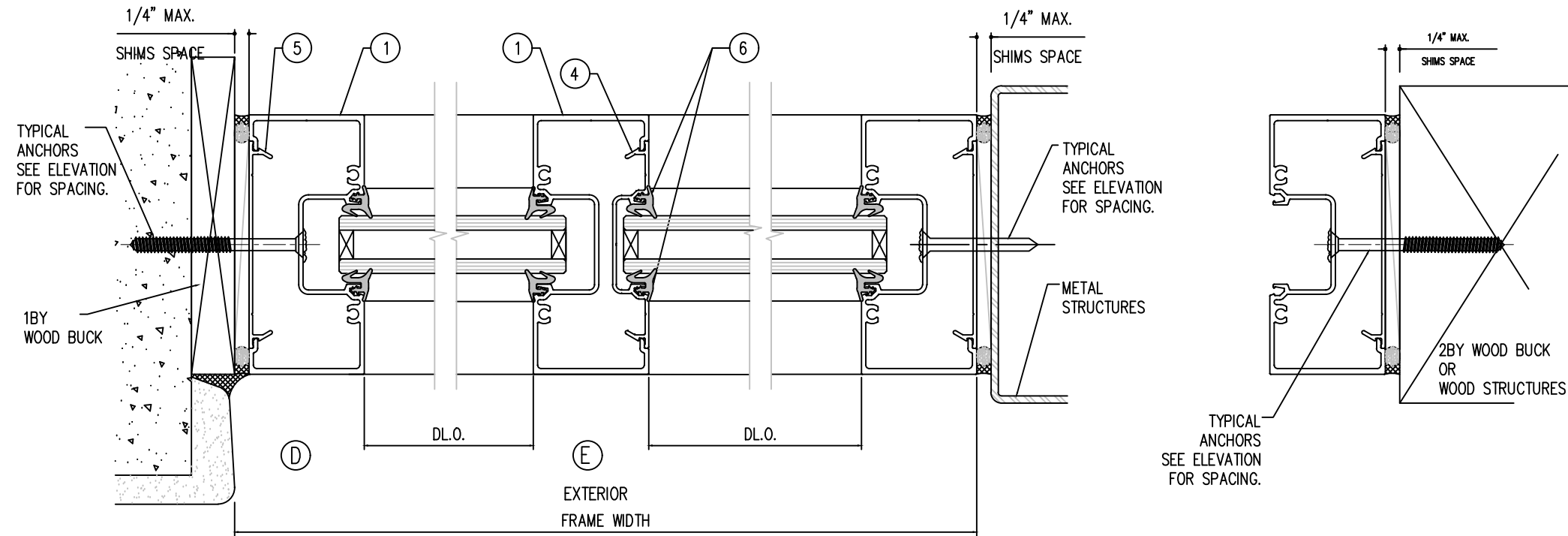


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PHONE: 954-784-6900
FAX: 954-688-9816



04/19/2021
WILLIAM D. COOK P.E.
FLA P.E. #43904, FLA S.I. #2008

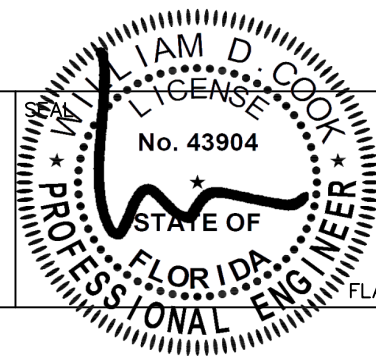
BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624 FAX: (954) 772-4634



PROJECT NAME: SMI 245 SERIES STOREFRONT SYSTEM		
DRAWING NUMBER: SMI-245-PA-1	DRAW BY: M.G.	PRODUCT APPROVAL NO.: FL 35263.1
SHT. 8 OF 10	SCALE:	DATE: 04/08/2021

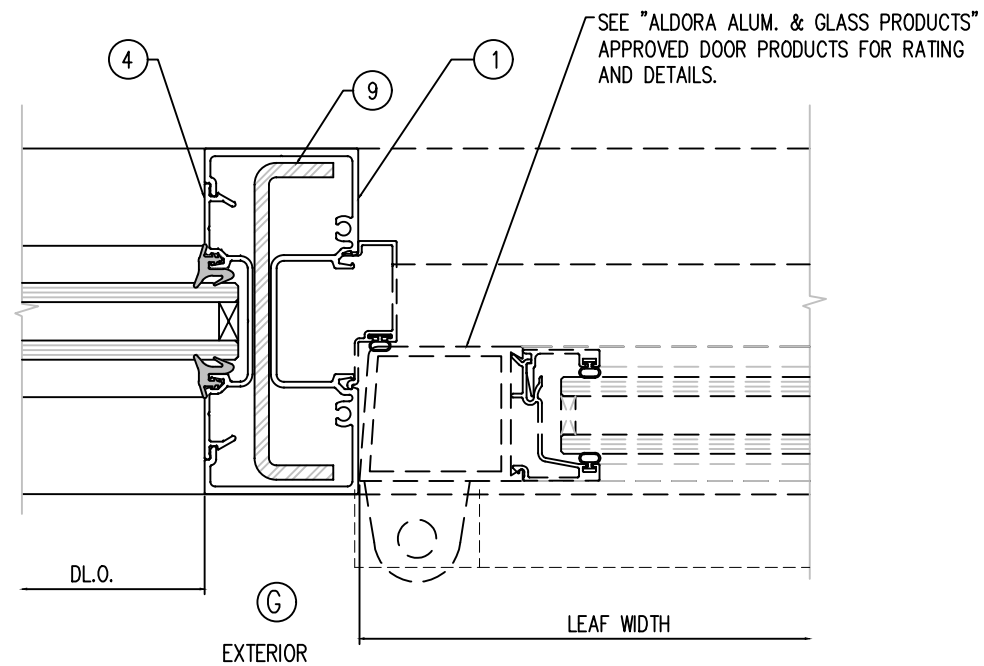
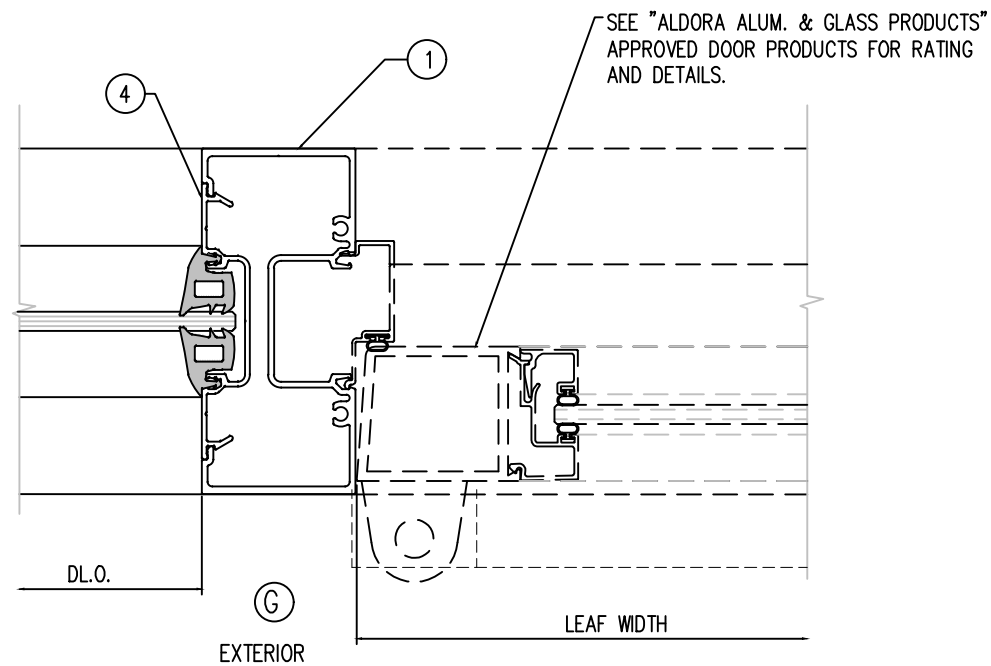
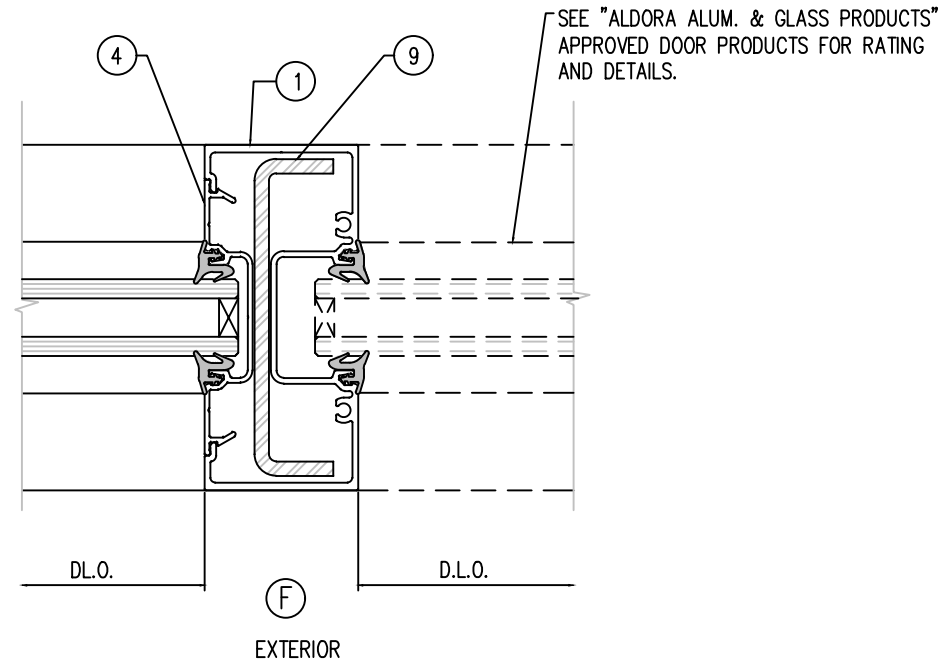
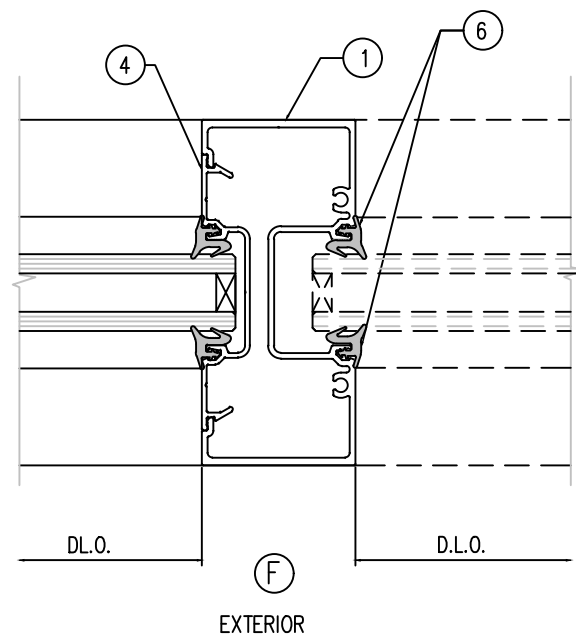


4250 CORAL RIDGE DRIVE
CORAL SPRINGS, FL 33065
PHONE: 954-784-6900
FAX: 954-688-9816



04/19/2021
WILLIAM D. COOK P.E.
FLA P.E. #43904, FLA S.I. #2008

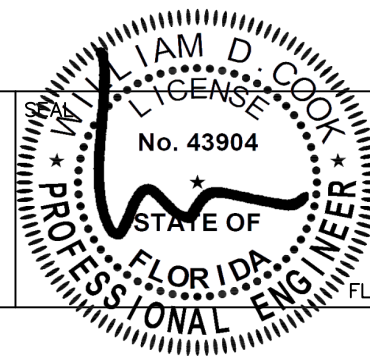
BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624 FAX: (954) 772-4634



PROJECT NAME: SMI 245 SERIES STOREFRONT SYSTEM		
DRAWING NUMBER: SMI-245-PA-1	DRAW BY: M.G.	PRODUCT APPROVAL NO.: FL 35263.1
SHT. 9 OF 10	SCALE:	DATE: 04/08/2021



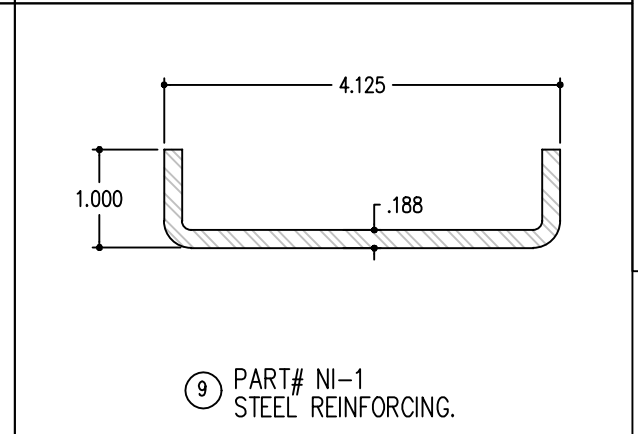
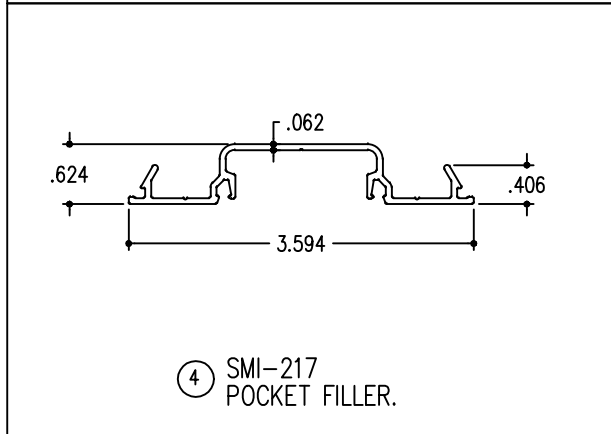
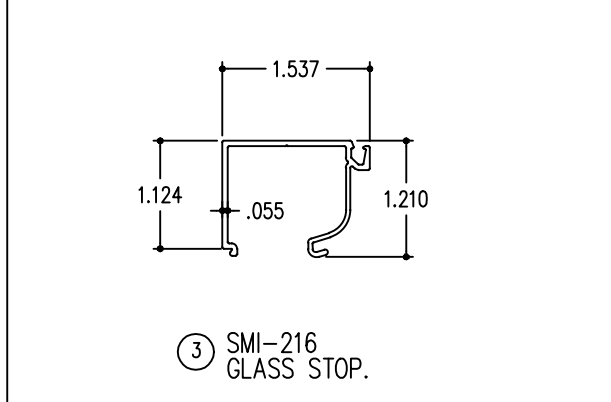
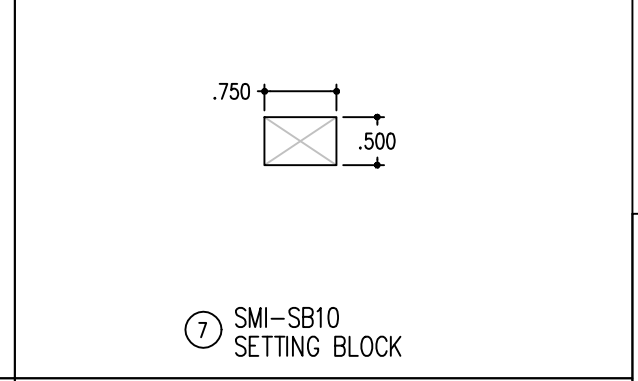
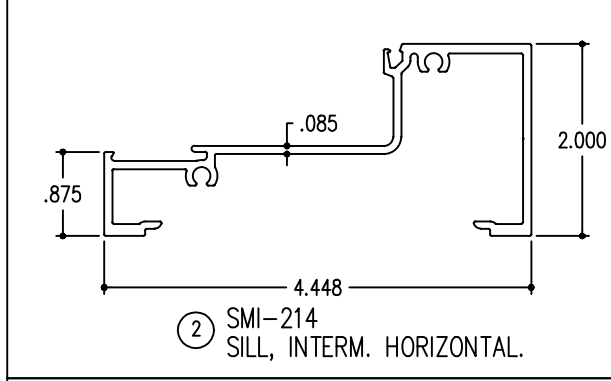
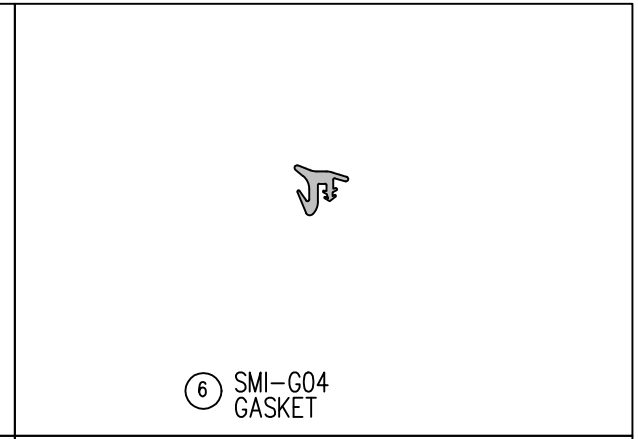
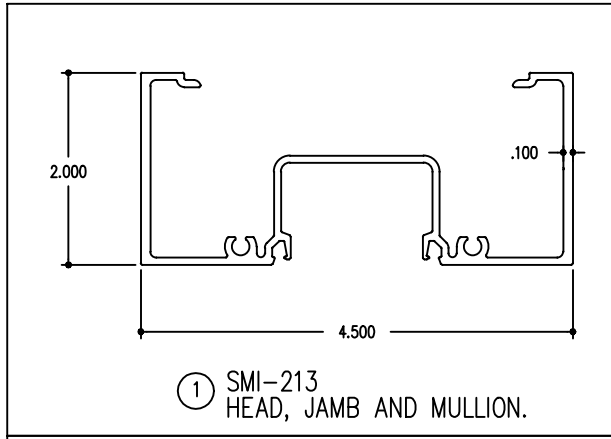
4250 CORAL RIDGE DRIVE
CORAL SPRINGS, FL 33065
PHONE: 954-784-6900
FAX: 954-688-9816



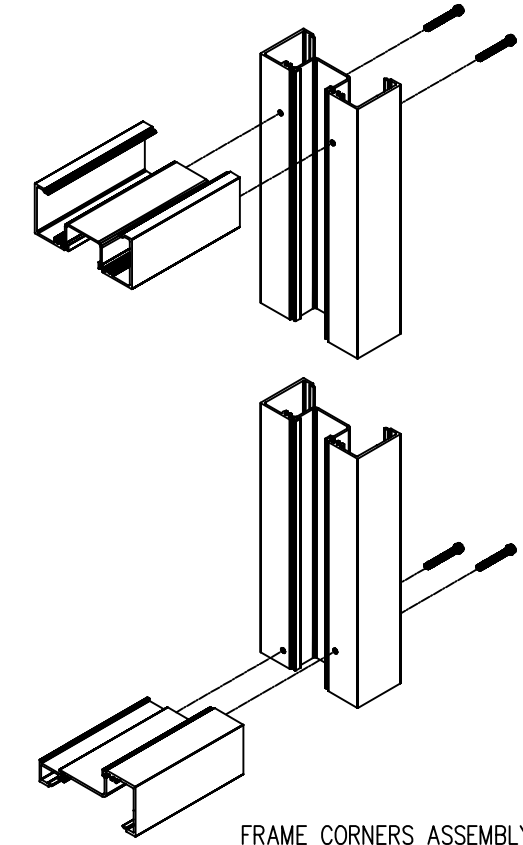
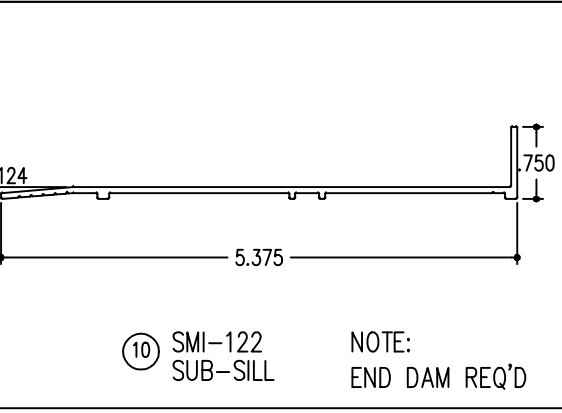
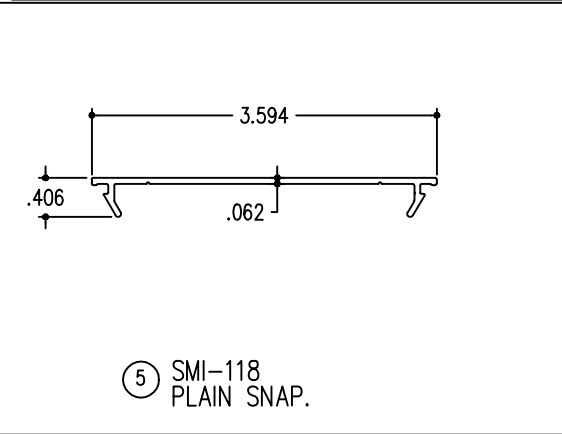
04/19/2021

WILLIAM D. COOK P.E.
FLA P.E. #43904, FLA S.I. #2008

BROMLEY-COOK ENGINEERING, INC.
STRUCTURAL ENGINEERING SERVICES
5440 N.W. 33RD AVENUE SUITE 100
FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 772-4624 FAX: (954) 772-4634



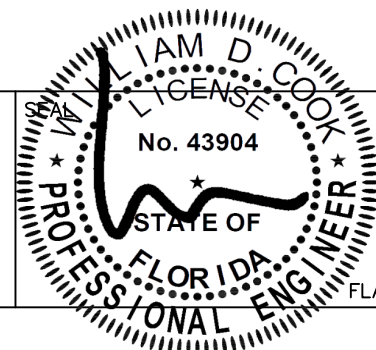
BILL OF MATERIALS					
ITEM #	PART #	REQ'D	DESCRIPTION	MATERIAL	MANF. / SUPPLIER / REMARKS
1	SMI-213	AS REQ'D	HEAD, JAMB AND MULLION	6063-T6	-
2	SMI-214	AS REQ'D	SILL, INTERM. HORIZONTAL.	6063-T6	-
3	SMI-216	AS REQ'D	GLASS STOP.	6063-T6	-
4	SMI-217	AS REQ'D	POCKET FILLER.	6063-T6	-
5	SMI-118	AS REQ'D	PLAIN SNAP.	6063-T6	-
6	SMI-G04	AS REQ'D	GASKET	EPDM	GLAZING RUBBER PRODUCTS.
7	SMI-SB10	2 PER GL.	SETTING BLOCKS (1/2" X 3/4" X 2" LG.)	EPDM	TRESCO.
8	SMI-G08	AS REQ'D	GASKET	EPDM	GLAZING RUBBER PRODUCTS.
9	NI-1	OPTIONAL	REINFORCING CHANNEL (1" X 4 1/8" X 1" X 3/16" THK.)	STEEL	-
10	SMI-122	AS REQ'D	SUB-SILL	6063-T6	-
11	#12 X 1 1/2" LG.	2/CORNER	ASSEMBLY SCREWS	ST. STEEL	HEX. HEAD SHEET METAL SCREW.
12	SPACER BAR	AS REQ'D	LPX AIR SPACER	ALUM.	ALLMETAL



PROJECT NAME: SMI 245 SERIES STOREFRONT SYSTEM		
DRAWING NUMBER: SMI-245-PA-1	DRAW BY: M.G.	PRODUCT APPROVAL NO.:
SHT. 10 OF 10	SCALE:	DATE: 04/08/2021


ALDORA
 ALUMINUM AND GLASS PRODUCTS, INC.

4250 CORAL RIDGE DRIVE
 CORAL SPRINGS, FL 33065
 PHONE: 954-784-6900
 FAX: 954-688-9816



04/19/2021

WILLIAM D. COOK P.E.
 FLA P.E. #43904, FLA S.I. #2008

BROMLEY-COOK ENGINEERING, INC.
 STRUCTURAL ENGINEERING SERVICES
 5440 N.W. 33RD AVENUE SUITE 100
 FORT LAUDERDALE, FLORIDA 33309
 TEL: (954) 772-4624 FAX: (954) 772-4634

- 1.0 Product Manufacturer:** Aldora Aluminum and Glass Products, Inc.
4250 Coral Ridge Drive
Coral Springs, FL 33065
- 2.0 Product Model:** SMI-245 Thermal Storefront
- 3.0 Operator Type:** Storefront Glazed Wall Window Wall (GWWW)
- 4.0 Simulation Size:** 2000mm (w) x 2000mm (h) (Standard NFRC size)
- 5.0 Simulation Type:** ANSI/NFRC 100/200/500 Thermal Simulation
- 6.0 Framing Type:** Thermally Improved painted aluminum (AU) all members. Main frame is Thermally Broken (thermal break > 0.21") however closures are Thermally Improved, and proximity of aluminum of overlap area of main frames and closures, leads to components calculated as AU.
- 7.0 Sash Type:** Not applicable
- 8.0 Grilles:** Not applicable
- 9.0 Weatherstripping:** Not applicable
- 10.0 Hardware:** None modeled.
- 11.0 Edge-of-Glass Construction:** Glazed with interior and exterior EPDM glazing gaskets
- 12.0 I.G. Spacer Type:** Standard generic .016" thick aluminum box spacer with .022" PIB primary seal to glass and .060" hot melt butyl secondary seal, with spacer located at glass edge
- 13.0 I.G. Gas Fill Method:** Single-probe.
- 14.0 Grouping:** Grouping per ANSI/NFRC 100 Section 4.2.4 was performed on the following items:
- Center-of-Glazing: tint options were grouped with clear glass options, see Glazing and Simulation Results section below, group leaders are indicated with gray background color in chart
 - Spacers: No grouping utilized.
 - Dividers: No grouping utilized.
 - Frame: No grouping utilized.
- 15.0 Simulation Software:** Simulations were performed using NFRC-approved simulation programs WINDOW7.4 and THERM7.4, in accordance with current versions of ANSI/NFRC 100-2020, ANSI/NFRC 200-2020, and ANSI/NFRC 500-2020.
- 16.0 Drawings:** This report is incomplete if not accompanied by component and assembly drawings of the indicated product, provided by Aldora, totaling 2 pages, bearing the initialed stamp of Turner Engineering & Consulting, Inc.
- 17.0 Simulation Results:** Whole-product U-factor, SHGC, VT, and CR results are shown in the Glazing and Simulation Results Summary table below. Complete simulation output may be found in the Upload sheet bearing the same report number as this report.
- 18.0 Validation Option:** Not applicable for this informational report.
- 19.0 Compliance and Disclaimer Statements:** This report shall not be reproduced, except in full, without the approval of TE&C. This report relates only to the fenestration products simulated. All rounding was performed per NFRC 601, NFRC Unit and Measurement Policy. Ratings values included in this report are for submittals to an NFRC-licensed IA and are not meant to be used directly for labeling purposes. Only those values identified on a valid Certification of Authorization (CA) by an

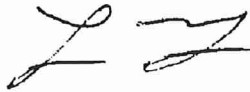
NFRC licensed Inspection Agency (IA) are to be used for labeling purposes. The values included in this report are not considered in compliance with ANSI/NFRC 100, ANSI/NFRC 200, and/or ANSI/NFRC 500 unless the associated validation test requirements have been satisfied, as applicable. The Condensation Resistance results obtained from this report are for controlled laboratory conditions and do not include the effects of air movement through the specimen, solar radiation, and the thermal bridging that may occur due to the specific design and construction of the fenestration system opening. All simulations performed in this report were conducted in full compliance with all NFRC requirements by Turner Engineering & Consulting, Inc. TE&C does not have, nor does it intend to acquire or will it acquire, a financial interest in any company manufacturing or distributing products simulated or tested at TE&C. TE&C is not owned, operated or controlled by any company manufacturing or distributing products it simulates or tests. This report is only intended for the use of the entity named in section 1.0 of this report. A copy of this report will be retained at TE&C for a period of five (5) years.

20.0 Glazing and Simulation Results Summary:

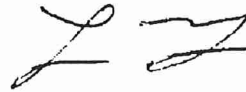
Descrip.	Product Number	Pane IDs	Pane Thickness	Gap / Fill	Surface / Emissivity	Tint	Grid Type / Size	U-factor	SHGC	VT	CR
SNX-62/27 On Clr 6mm - 1/2 Air - 6mm Clr	001	#1: 3413 #2: 103	#1: 0.236 #2: 0.236	0.528 AIR	#2: 0.02	CL	N	0.42	0.25	0.54	32
SN68 On Clr 6mm - 1/2 Air - 6mm Clr	002	#1: 3110 #2: 103	#1: 0.236 #2: 0.236	0.528 AIR	#2: 0.039	CL	N	0.43	0.34	0.60	32
SN68 On Clr 6mm - 1/2 Air - 6mm Pilk Bronze		#1: 3110 #2: 4112	#1: 0.236 #2: 0.236	0.528 AIR	#2: 0.039	BZ	N	0.43	0.33	0.34	32
SN68 On Clr 6mm - 1/2 Air - 6mm Pilk Grey		#1: 3110 #2: 4127	#1: 0.236 #2: 0.236	0.528 AIR	#2: 0.039	GY	N	0.43	0.33	0.30	32
EA Hard Coat On Clr 6mm - 1/2 Air - 6mm Clr	003	#1: 9924 #2: 103	#1: 0.236 #2: 0.236	0.528 AIR	#2: 0.157	CL	N	0.46	0.56	0.65	32
EA Hard Coat On Clr 6mm - 1/2 Air - 6mm Pilk Bronze		#1: 9924 #2: 4112	#1: 0.236 #2: 0.236	0.528 AIR	#2: 0.157	BZ	N	0.46	0.53	0.36	32
EA Hard Coat On Clr 6mm - 1/2 Air - 6mm Pilk Grey		#1: 9924 #2: 4127	#1: 0.236 #2: 0.236	0.528 AIR	#2: 0.157	GY	N	0.46	0.53	0.32	32

21.0 Simulator: Lucas A. Turner, P.E.

22.0 Simulator in Responsible Charge: Lucas A. Turner, P.E., attests to the technical accuracy and content of this report.



Simulator Signature

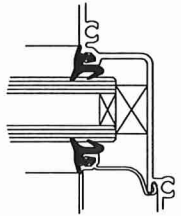
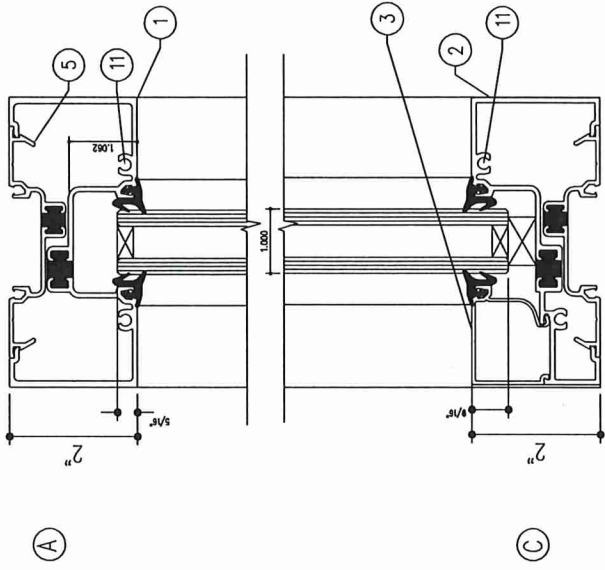
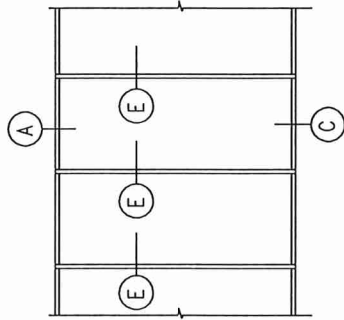


Simulator in Responsible Charge Signature

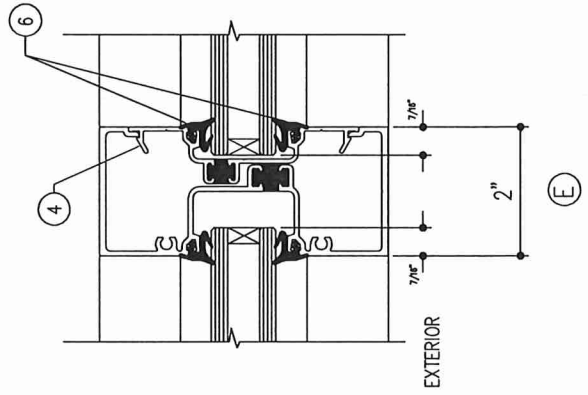
Drawing Appendix

**Following drawings and data provided
by Client, totaling 2 pages**

SERIES SMI-245 THERMAL ALUMINUM STOREFRONT SYSTEM.

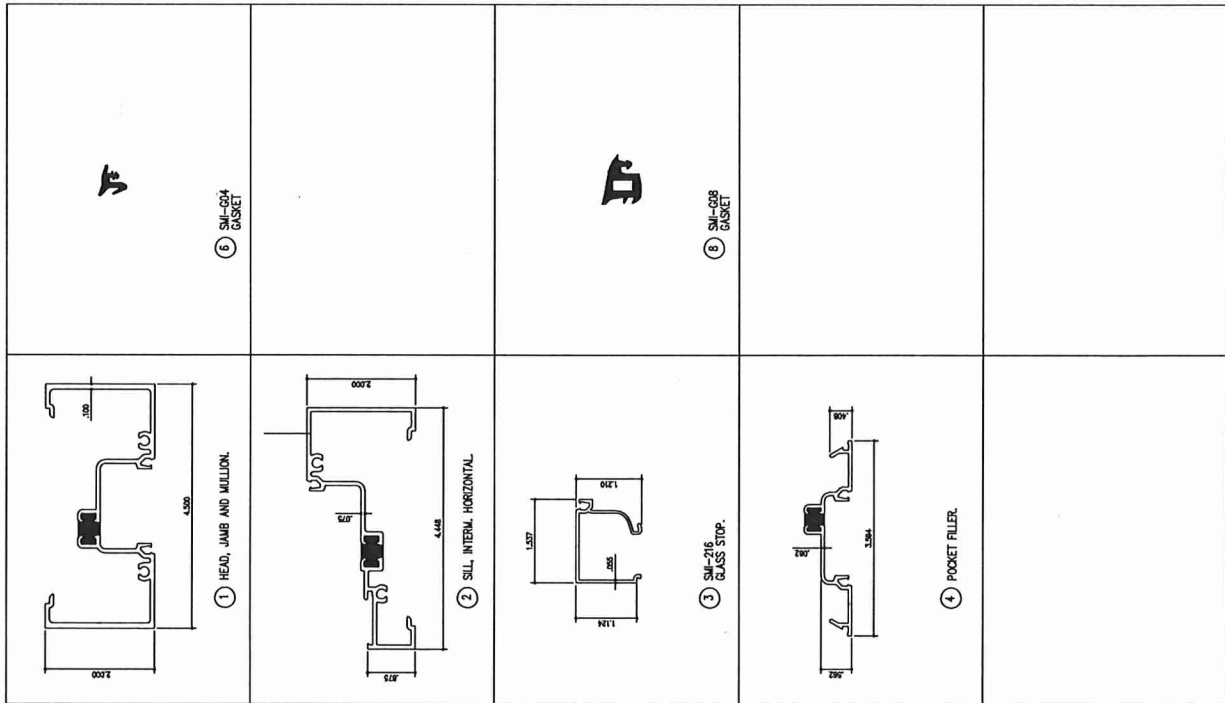


Typical Glazing Detail



BILL OF MATERIALS

ITEM #	REQ'D	DESCRIPTION	MATERIAL	MANF. / SUPPLIER / REMARKS
1	AS REQ'D	HEAD, JAMB AND MULLION	6063-T6	-
2	AS REQ'D	SILL, INTERNAL, HORIZONTAL	6063-T6	-
3	AS REQ'D	GLASS STOP.	6063-T6	-
4	AS REQ'D	POCKET FILLER.	6063-T6	-
6	AS REQ'D	GASKET	EPDM	GLAZING RUBBER PRODUCTS.
			EPDM	TREMO.
8	AS REQ'D	GASKET	EPDM	GLAZING RUBBER PRODUCTS.



Henderick, Inc.

General Contractor

August 21, 2025

Attention: Historic Zoning Commission
Columbia Development Services
700 North Garden St

Subject: 1122 High St.
Columbia, TN 38401

Project Description:

This project involves the restoration and modernization of a historic building located at 1122 High St. Columbia, TN. The owner is aiming to preserve its architectural integrity while enhancing its safety, energy efficiency, and functionality. The building is currently in a state of disrepair, particularly the windows, doors, and an elevated deck, all of which require significant work to meet current safety and sustainability standards.

Scope of Work:

- All Garage Doors: The non-historic garage doors will be replaced with new, energy-efficient aluminum storefront doors that complement the building's overall aesthetic and meet historical standards.

This comprehensive renovation will not only preserve the historic character of the building but also ensure it meets modern safety and energy standards, making it a sustainable and safe space for future use.

Should you have any questions or require clarifications, please do not hesitate to contact me at your convenience. My contact information is 615-668-2213 and waddell@henderickinc.com

Sincerely,



Waddell Wright, CEO, CCIM, CPM
Henderick, Inc
General Contractor

www.henderickinc.com

700 8th Ave S.
2nd Floor, Suite 202
Nashville, TN 37203