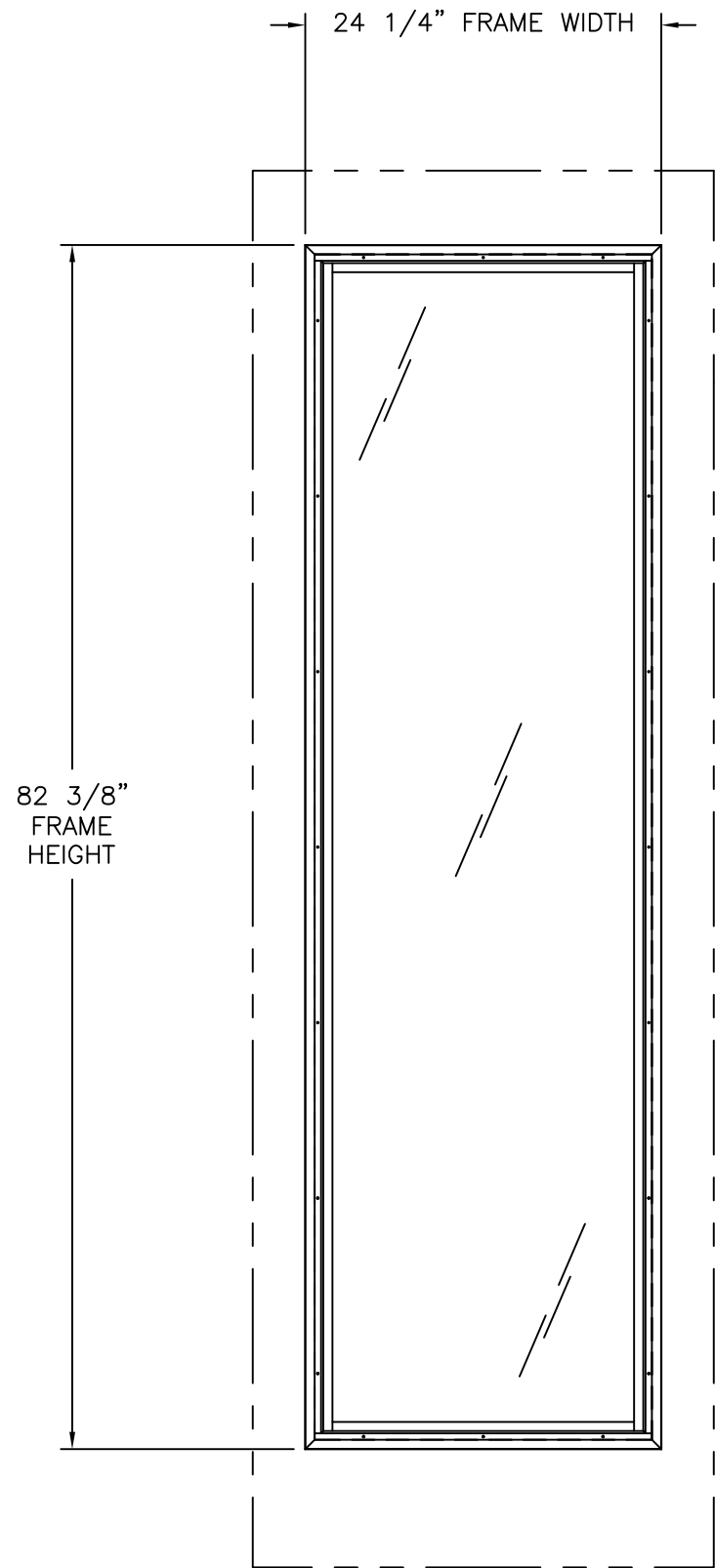




SURROUND SYSTEM SST
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1

DOOR PANEL
BY OTHERS
SHOWN FOR
REFERENCE ONLY

- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 2. THESE INSTALLATION INSTRUCTIONS ARE FOR THE MUHLER SURROUND SYSTEM INSERT ONLY. FENESTRATION OR OTHER PROTECTIVE SYSTEMS MUST HAVE THEIR OWN SEPARATE APPROVAL.
 3. SURROUND SYSTEM MUST BE INSTALLED AS SHOWN HEREIN AND IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ANCHORING SPACING TO BE DETERMINED IN ACCORDANCE WITH CHART #1, SHEET 2, TO MEET REQUIRED DESIGN PRESSURE AT INSTALLATION SITE.
 4. SELECTION OF FENESTRATION AND PROTECTIVE SYSTEMS IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 5. SURROUND SYSTEM IS NOT IMPACT RATED AND REQUIRES IMPACT PROTECTION IN WIND BORNE DEBRIS REGIONS.

Chart #1
Maximum design pressure capacity chart (psf)

Frame Height (in)	Frame width (in)																					
	24.00		30.00		36.00		42.00		48.00		54.00		60.00		66.00		72.00		78.00		82.19	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.00	50.0	75.0	50.0	71.8	50.0	64.6	50.0	60.3	50.0	57.4	50.0	55.4	50.0	53.8	50.0	52.6	50.0	51.7	50.0	50.9	50.0	50.4
30.00	50.0	71.8	50.0	68.9	50.0	59.1	50.0	53.6	50.0	50.1	47.7	47.7	45.9	45.9	44.6	44.6	43.5	43.5	42.6	42.6	40.4	40.4
36.00	50.0	64.6	50.0	59.1	50.0	57.4	50.0	50.2	45.9	45.9	43.1	43.1	41.0	41.0	39.5	39.5	38.3	38.3	35.5	35.5	33.7	33.7
42.00	50.0	60.3	50.0	53.6	50.0	50.2	49.2	49.2	43.8	43.8	40.3	40.3	37.9	37.9	35.9	35.9	33.0	33.0	30.4	30.4	28.9	28.9
48.00	50.0	57.4	50.0	50.1	45.9	45.9	43.8	43.8	43.1	43.1	38.4	38.4	34.6	34.6	31.5	31.5	28.8	28.8	26.6	26.6	25.3	25.3
54.00	50.0	55.4	47.7	47.7	43.1	43.1	40.3	40.3	38.4	38.4	34.2	34.2	30.8	30.8	28.0	28.0	25.6	25.6	23.7	23.7	22.5	22.5
60.00	50.0	53.8	45.9	45.9	41.0	41.0	37.9	37.9	34.6	34.6	30.8	30.8	27.7	27.7	25.2	25.2	23.1	23.1	21.3	21.3	20.2	20.2
66.00	50.0	52.6	44.6	44.6	39.5	39.5	35.9	35.9	31.5	31.5	28.0	28.0	25.2	25.2	22.9	22.9	21.0	21.0	19.4	19.4	18.4	18.4
72.00	50.0	51.7	43.5	43.5	38.3	38.3	33.0	33.0	28.8	28.8	25.6	25.6	23.1	23.1	21.0	21.0	19.2	19.2	17.7	17.7	16.8	16.8
78.00	50.0	50.9	42.6	42.6	35.5	35.5	30.4	30.4	26.6	26.6	23.7	23.7	21.3	21.3	19.4	19.4	17.7	17.7	16.4	16.4	15.5	15.5
82.19	50.0	50.4	40.4	40.4	33.7	33.7	28.9	28.9	25.3	25.3	22.5	22.5	20.2	20.2	18.4	18.4	16.8	16.8	15.5	15.5	14.8	14.8

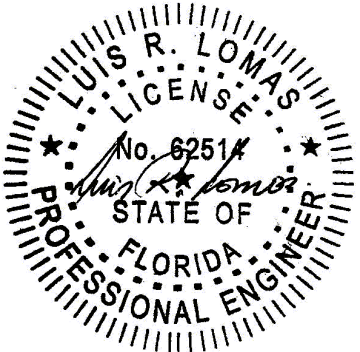
SIGNED: 08/28/2026

THE MUHLER COMPANY
630 SKYLARK DRIVE SUITE U
CHARLESTON , SC 29407

SURROUND SYSTEM SST
GLASS INSERT – NON-IMPACT
ELEVATION, RATINGS AND NOTES

DRAWN: R.L.	DWG NO. 08-03040	REV -
SCALE NTS	DATE 01/18/2017	SHEET 1 OF 2

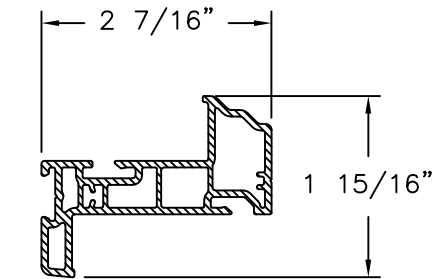
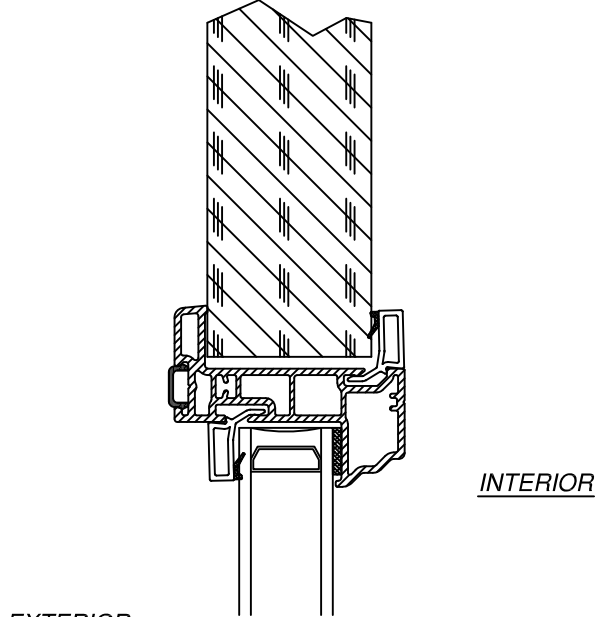
L. ROBERTO LOMAS P.E.
208 7th Ave, INDIALANTIC, FL 32903
434-688-0609 rllomas@lrlomaspe.com



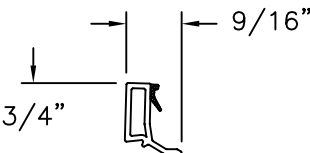
Luis R. Lomas P.E.
FL No.: 62514

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION, RATINGS AND NOTES
2	INSTALLATION DETAILS AND COMPONENTS

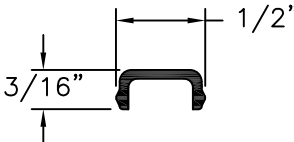
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



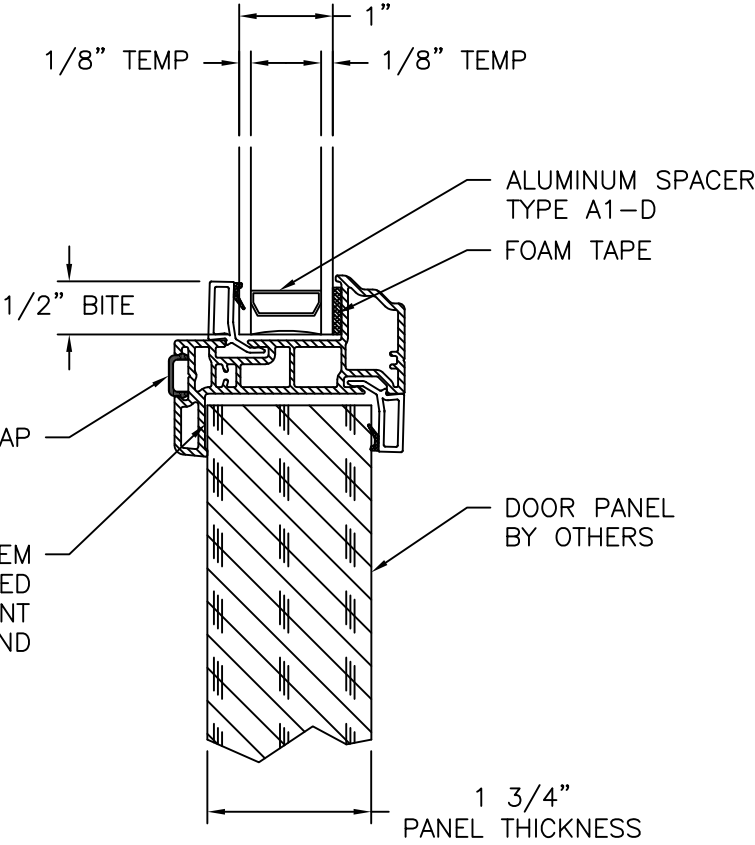
SURROUND FRAME
PVC 0.070" THICK



GLAZING BEAD
PVC 0.055" THICK



CAP
PVC 0.050" THICK



SURROUND SYSTEM
TO BE SET IN A BED
OF APPROVED SEALANT
ALL AROUND

VERTICAL CROSS SECTION
INSTALLATION AND GLASS DETAIL
HEAD AND SILL SHOWN, JAMBS SIMILAR

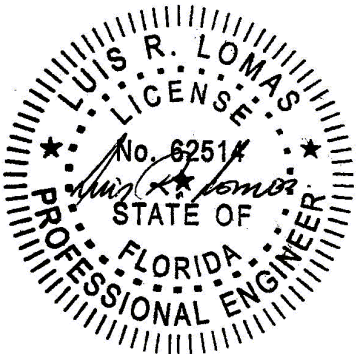
SIGNED: 08/28/2026

THE MUHLER COMPANY
630 SKYLARK DRIVE SUITE U
CHARLESTON , SC 29407

SURROUND SYSTEM SST
GLASS INSERT – NON-IMPACT
INSTALLATION DETAILS AND COMPONENTS

DRAWN: R.L.	DWG NO. 08-03040	REV -
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