

82 3/8" FRAME HEIGHT

24 1/4" FRAME WIDTH

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

SURROUND SYSTEM SST
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50.0PSF	NONE

FOR ADDITIONAL SIZES SEE CHART #1

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

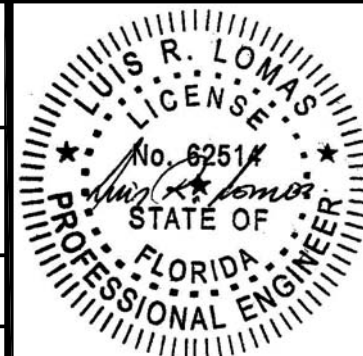
THE MUHLER COMPANY

630 SKYLARK DRIVE SUITE U
CHARLESTON , SC 29407

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

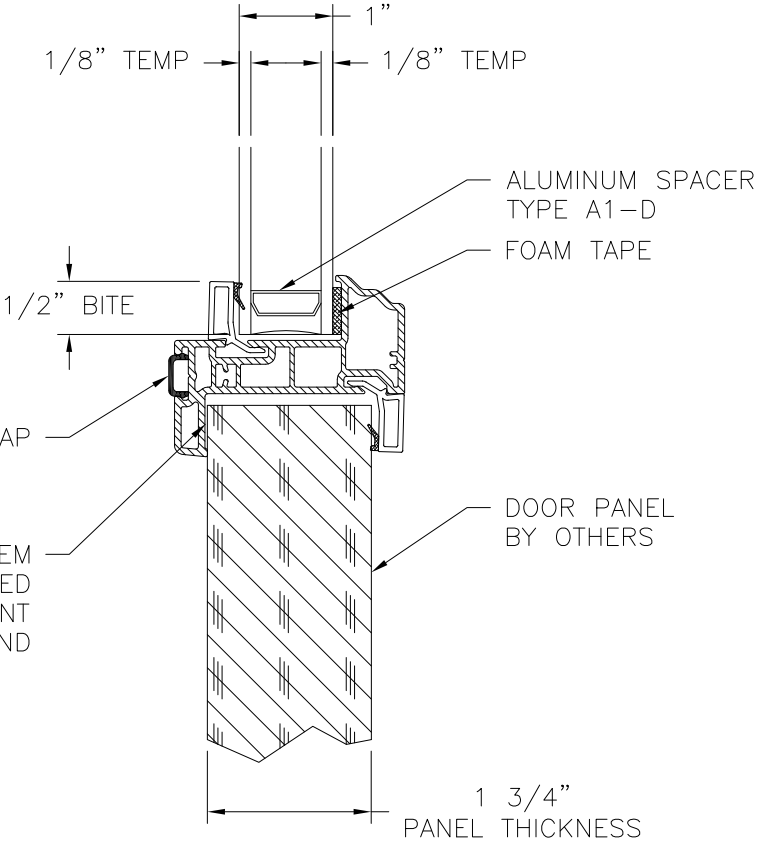
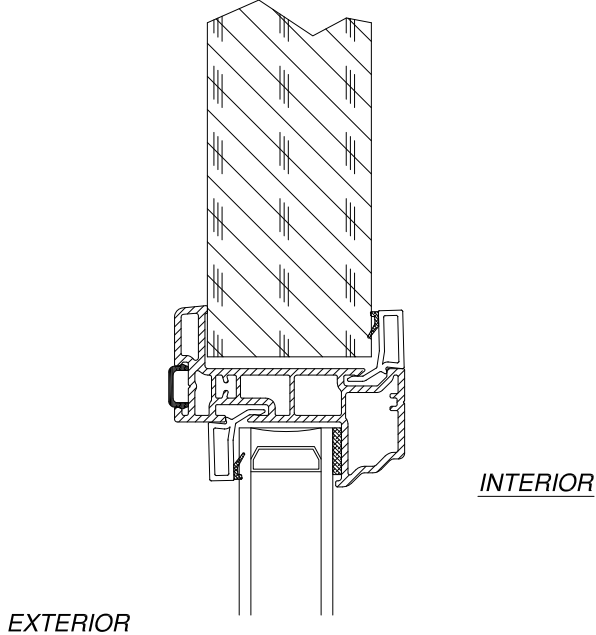
DRAWN: R.L.	DWG NO. 08-03040	REV -
SCALE NTS	DATE 01/18/2017	SHEET 1 OF 2
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		

SIGNED: 01/27/2017

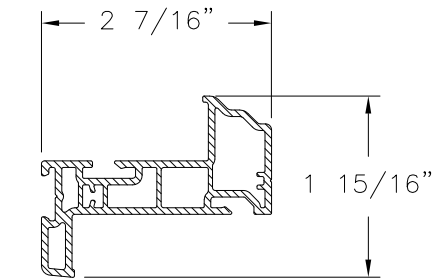


Luis R. Lomas P.E.
FL No.: 62514

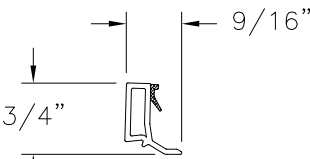
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



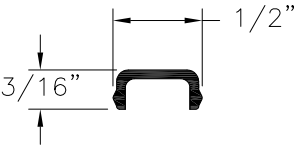
VERTICAL CROSS SECTION
 INSTALLATION AND GLASS DETAIL
 HEAD AND SILL SHOWN, JAMBS SIMILAR



SURROUND FRAME
 PVC 0.070" THICK



GLAZING BEAD
 PVC 0.055" THICK



CAP
 PVC 0.050" THICK

SIGNED: 01/27/2017

THE MUHLER COMPANY

630 SKYLARK DRIVE SUITE U

CHARLESTON , SC 29407

SURROUND SYSTEM SST

GLASS INSERT – NON-IMPACT

INSTALLATION DETAILS AND COMPONENTS

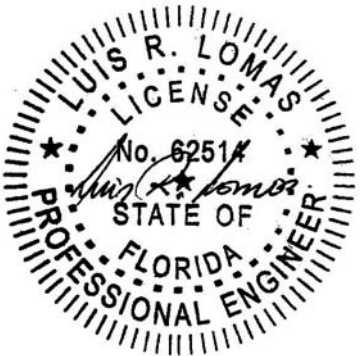
DRAWN:	DWG NO.	REV
R.L.	08-03040	-

SCALE	DATE	SHEET	OF
NTS	01/18/2017	2	2

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

434-688-0609 rllomas@lrlomaspe.com



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