

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.

NOTES:


1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: 6063-T5 ALUMINUM.
6. UNITS MUST BE GLAZED PER ASTM E1300-04.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/2" MAX.
9. FOR ANCHORING HEAD AND JAMBS INTO WOOD FRAMING OR 2X BUCK USE #14 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING HEAD AND JAMBS INTO MASONRY/CONCRETE USE 1/4" TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING HEAD AND JAMBS INTO METAL STRUCTURE USE #14 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

12. FOR ANCHORING SILL INTO WOOD FRAMING OR 2X BUCK USE 3/8" GRADE 5 LAG SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
13. FOR ANCHORING SILL INTO CONCRETE USE 3/8" POWER-BOLT ANCHORS WITH SUFFICIENT LENGTH TO ACHIEVE A 2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 4 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
14. FOR ANCHORING SILL INTO METAL STRUCTURE USE 3/8" SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
15. ALL FASTENERS TO BE CORROSION RESISTANT.
16. 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=0.42
 - B. CONCRETE – MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY – STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 16GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM
17. MULTIPLE PANELS MAY BE INSTALLED WITH AND WITHOUT TRANSOMS AS LONG AS INDIVIDUAL UNIT SIZE DOES NOT EXCEED PANEL SIZE SHOWN HEREIN.
18. THIS SYSTEM IS FIELD GLAZED AND ASSEMBLED. CONTRACTOR/GLAZIER IS RESPONSIBLE FOR COMPLYING WITH GLAZING AND ASSEMBLY REQUIREMENTS.

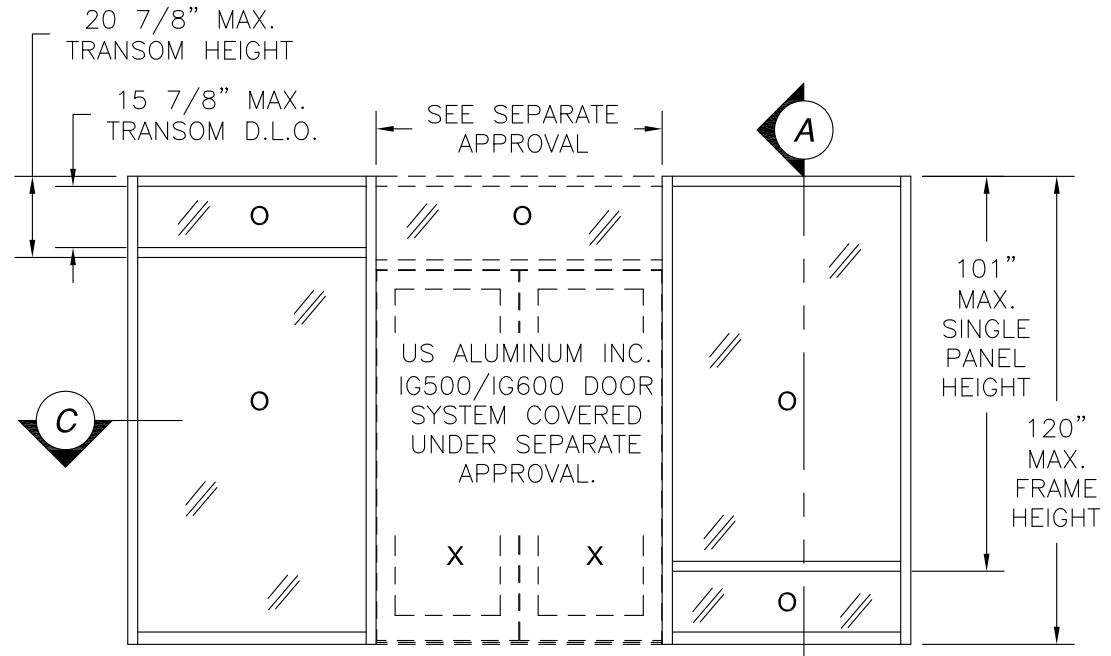
TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2 - 4	ANCHORING LAYOUTS AND CHARTS
5	BILL OF MATERIALS AND GLAZING DETAILS
6	CROSS SECTIONS
7 - 9	INSTALLATION DETAILS
10 - 11	COMPONENTS
12	CORNER CONSTRUCTION DETAILS

US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 720 CEL-RIVER RD, ROCK HILL, SC 29730		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT – NON-IMPACT ELEVATION AND NOTES		
DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 1 OF 12

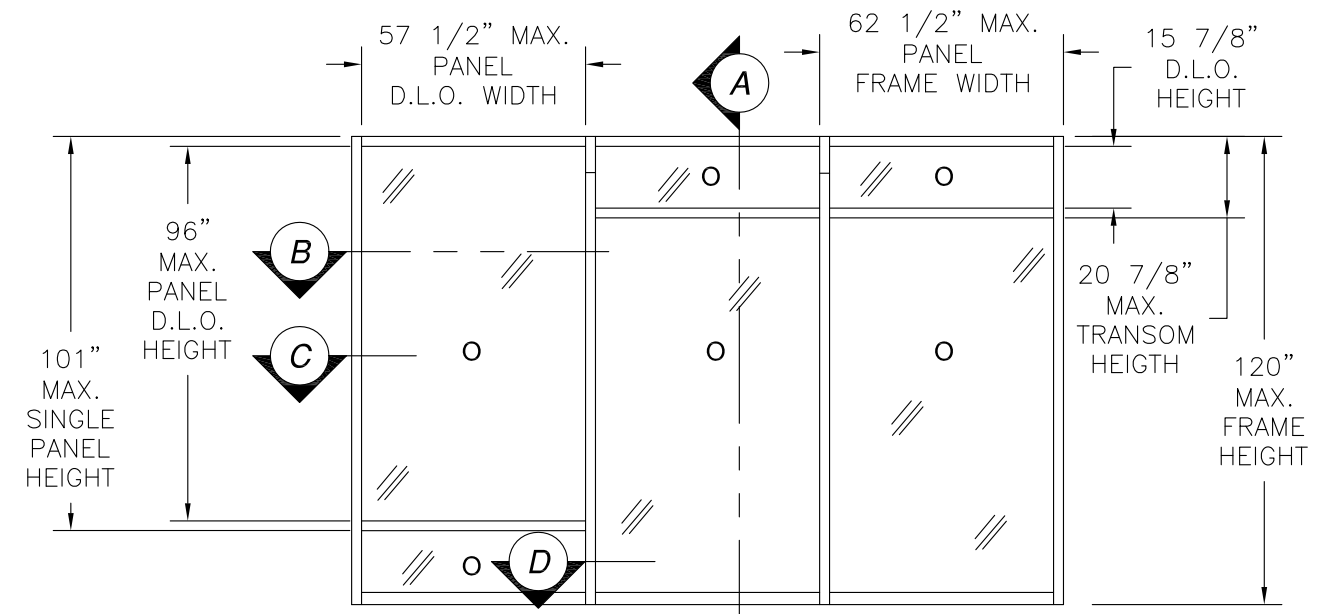
SIGNED: 05/01/2015



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.



SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT WITH DOUBLE DOOR
WITH REINFORCED MULL
EXTERIOR VIEW



SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT
WITH REINFORCED MULL
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	NONE

Design pressure capacity chart (psf)

Panel Height (in)	Single Panel Width (in)																													
	24.0		30.0		36.0		42.0		48.0		54.0		62.5		66.0		72.0		78.0		84.0		90.0		96.0		101.0			
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
78.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
84.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.4	98.4	92.1	92.1	85.9	85.9	84.2	84.2	82.0	82.0	-	-	-	-	-	-	-	-	-	-	-
90.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.8	97.8	89.4	89.4	83.3	83.3	77.2	77.2	75.3	75.3	-	-	-	-	-	-	-	-	-	-	-	-	-
96.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	90.0	90.0	82.0	82.0	76.0	76.0	70.0	70.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101.0	100.0	100.0	100.0	100.0	94.8	94.8	84.3	84.3	76.7	76.7	70.9	70.9	65.0	65.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

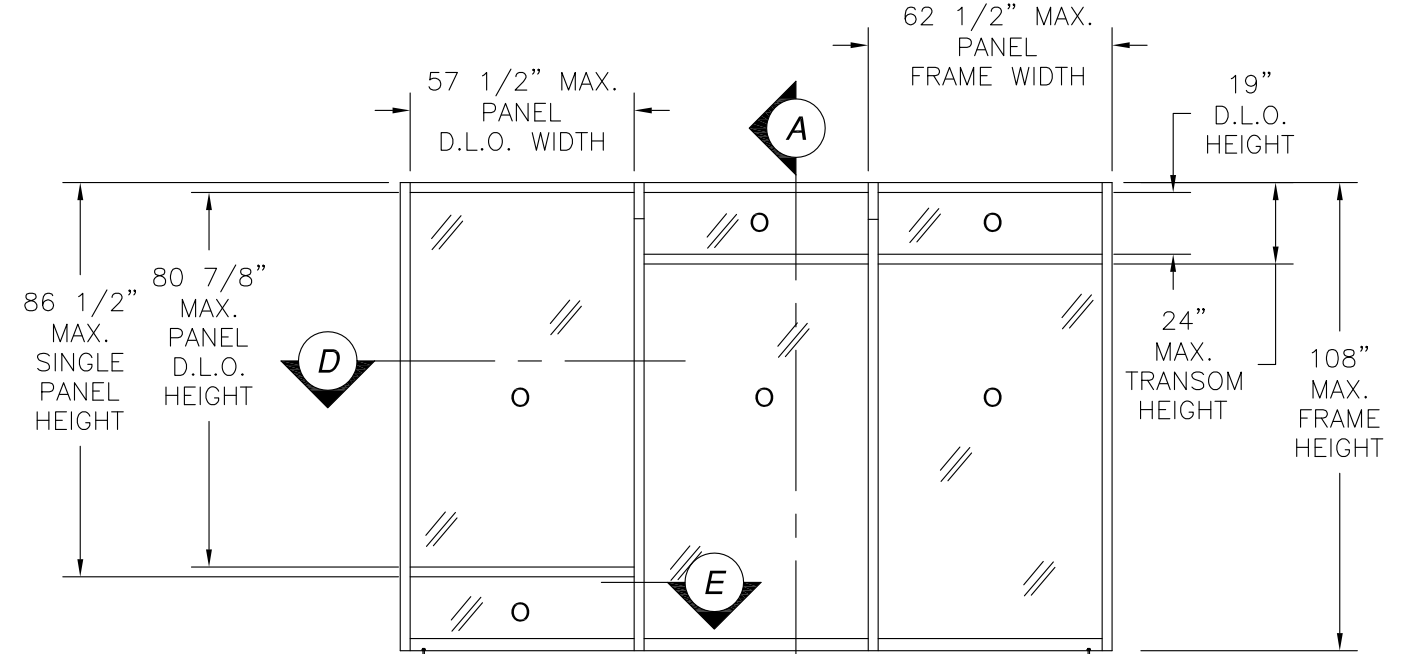
US ALUMINUM
DIVISION OF C.R. LAURENCE CO., INC.
720 CEL-RIVER RD, ROCK HILL, SC 29730

SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT – NON-IMPACT
REINFORCED ELEVATION

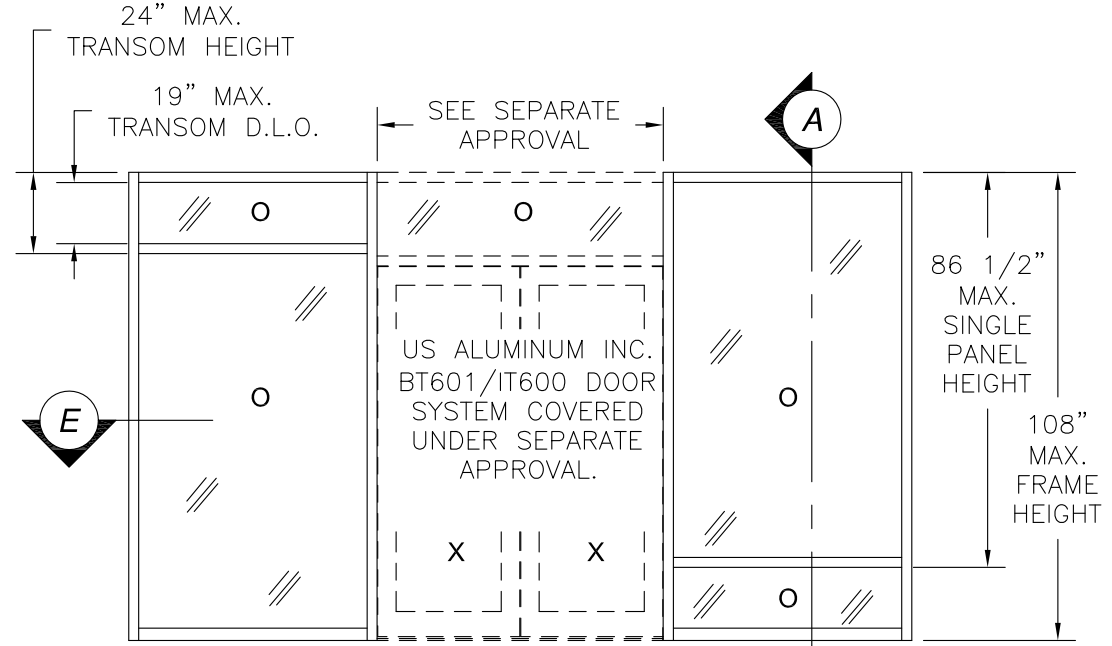
DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 2 OF 12

SIGNED: 05/01/2015

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.



SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT
WITH NON-REINFORCED MULL
EXTERIOR VIEW



SERIES BT601/IT600 STORM FRONT ALUMINUM STOREFRONT WITH DOUBLE DOOR
WITH NON-REINFORCED MULL
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±65PSF	NONE

Design pressure capacity chart (psf)

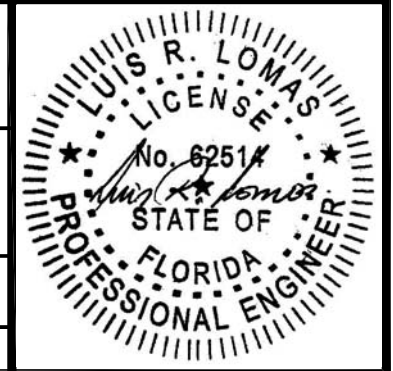
Panel Height (in)	Single Panel Width (in)																							
	24.0		30.0		36.0		42.0		48.0		54.0		62.5		66.0		72.0		78.0		84.0		86.5	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
24.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
30.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
36.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
42.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
48.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
54.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
66.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-	-	-	-
72.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.4	97.4	92.4	92.4	88.1	88.1	87.2	87.2	86.6	86.6	-	-	-	-	-
78.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	93.8	93.8	86.6	86.6	81.5	81.5	76.8	76.8	75.6	75.6	-	-	-	-	-	-	
84.0	100.0	100.0	100.0	100.0	94.5	94.5	84.8	84.8	77.9	77.9	72.9	72.9	68.1	68.1	-	-	-	-	-	-	-	-	-	
86.5	100.0	100.0	100.0	100.0	91.0	91.0	81.6	81.6	74.8	74.8	69.9	69.9	65.0	65.0	-	-	-	-	-	-	-	-	-	

SIGNED: 05/01/2015

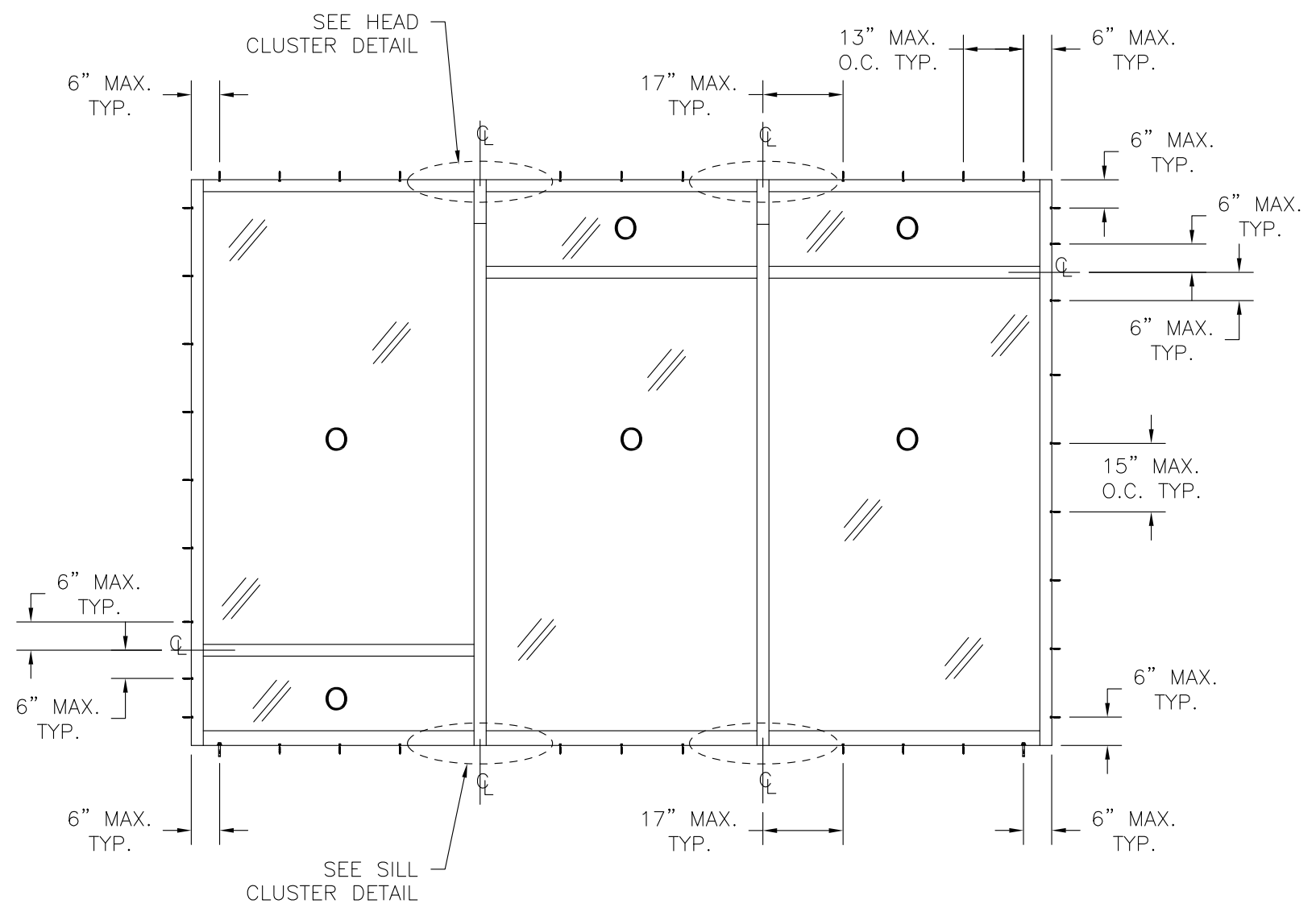
US ALUMINUM
DIVISION OF C.R. LAURENCE CO., INC.
720 CEL-RIVER RD, ROCK HILL, SC 29730

SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT – NON-IMPACT NON-REINFORCED ELEVATION

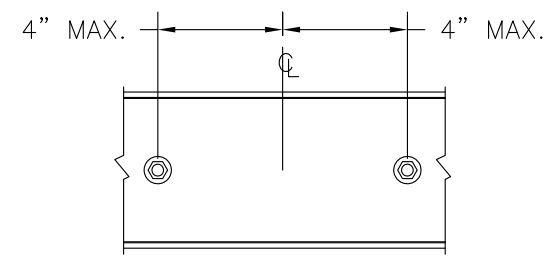
DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 3 OF 12



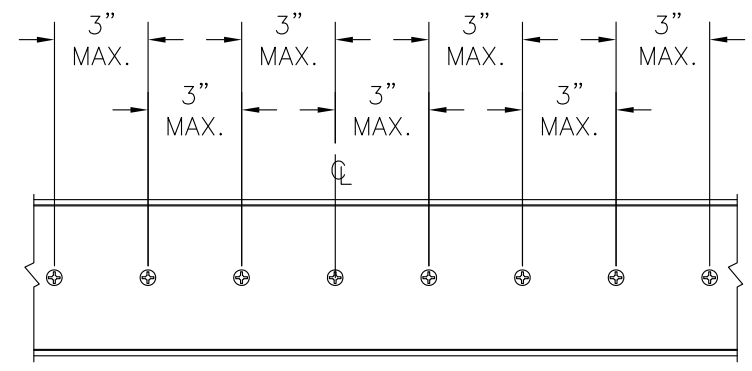
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.



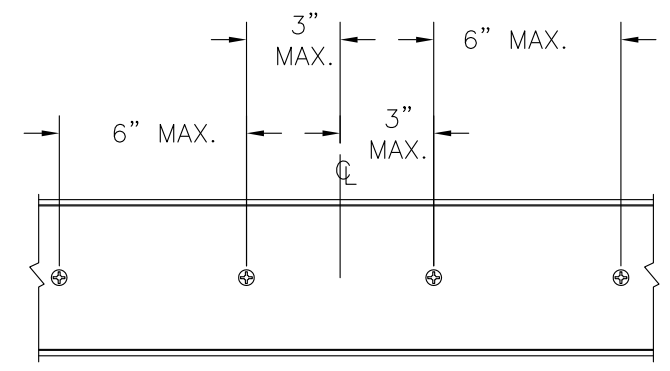
SERIES IG500/IG600 ALUMINUM FIXED STORE FRONT
EXTERIOR VIEW



SILL CLUSTER DETAIL
CONCRETE INSTALLATION



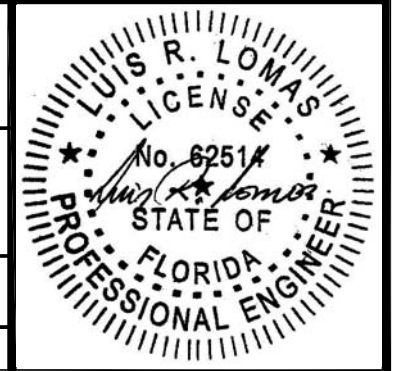
HEAD CLUSTER DETAIL
WOOD FRAMING OR STEEL
FRAMING INSTALLATION



HEAD CLUSTER DETAIL
CONCRETE INSTALLATION

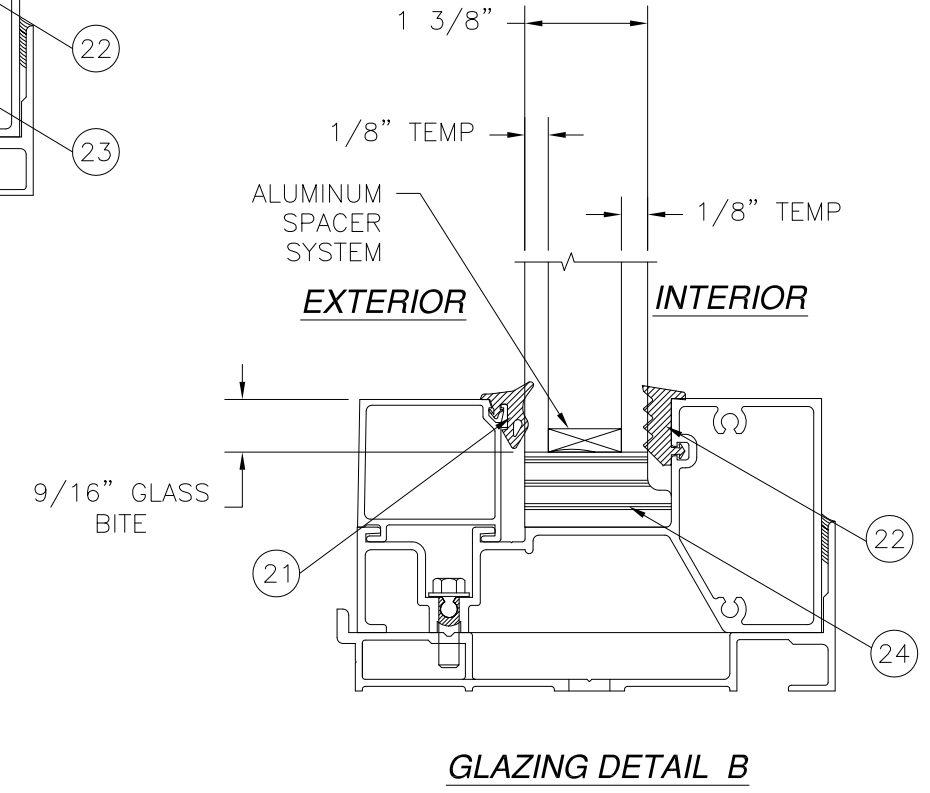
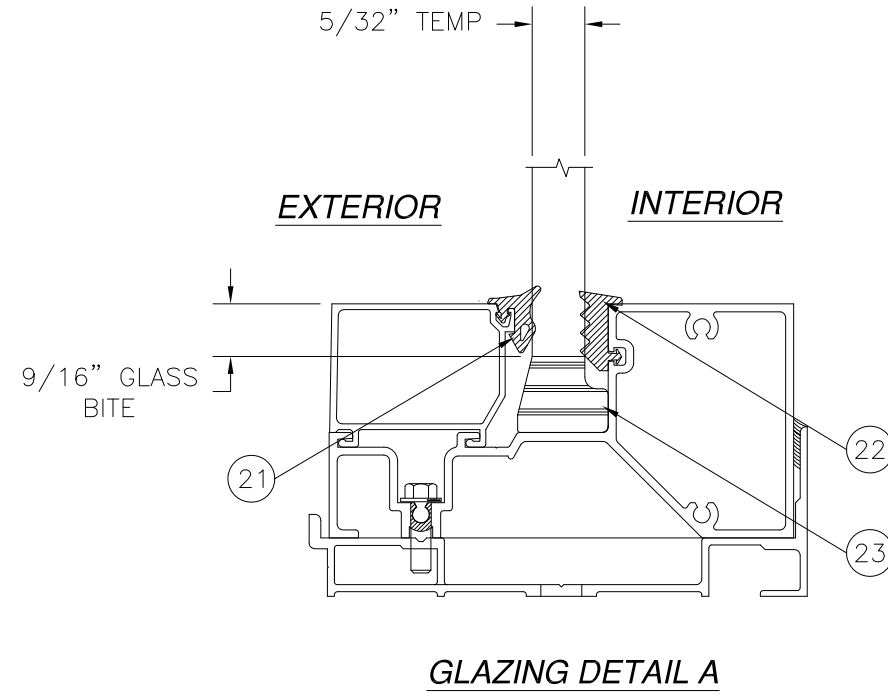
SIGNED: 05/01/2015

US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 720 CEL-RIVER RD, ROCK HILL, SC 29730		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT - NON-IMPACT ANCHORING LAYOUT		
DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 4 OF 12



PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	IG526	MAIN FRAME - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
2	IG626	MAIN FRAME - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
3	IG572	SILL - 9/16" GLASS	US ALUMINUM	6063-T5
4	IG672	SILL - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
5	IG570	SUB-SILL	US ALUMINUM	ALUMINUM 6063-T5
6	IG562	HORIZONTAL MULL - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
7	IG662	HORIZONTAL MULL - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
8	IG524	FILLER VERTICAL - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
9	IG624	FILLER VERTICAL - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
10	IG563	STOP - 9/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
11	IG663	STOP - 1 5/16" GLASS	US ALUMINUM	ALUMINUM 6063-T5
12	IG100	FILLER JAMB/HEAD	US ALUMINUM	ALUMINUM 6063-T5
13	EC801	SUB-SILL END DAM	US ALUMINUM	A-245
14	CP801	VERTICAL CLOSER PLATE	US ALUMINUM	50 DUROMETER TPR
15	WD802	DEEP WATER DEFLECTOR		NYLON
16	WD801	SHALLOW WATER DEFLECTOR	US ALUMINUM	NYLON
17	WD912	DEEP WATER DEFLECTOR	US ALUMINUM	NYLON
18	WD911	SHALLOW WATER DEFLECTOR	US ALUMINUM	NYLON
19	WD803	JAMB WATER DEFLECTOR	US ALUMINUM	NYLON
20	WD913	JAMB WATER DEFLECTOR	US ALUMINUM	NYLON
21	NP825	EXTERIOR GASKET	TREMCO	EDPM 70 DUROMETER
22	NP826	INTERIOR GASKET	TREMCO	EPDM 70 DUROMETER
23	SB916	SETTING BLOCK - 9/16" GLASS	US ALUMINUM	EPDM 85 DUROMETER
24	SB917	SETTING BLOCK - 1 5/16" GLASS	US ALUMINUM	EPDM 85 DUROMETER
25	ST266	#12 x 1" HWH SMS		
26	ST268	#12 x 3/4" HWH SMS		
28		8GA. STEEL STIFFENER HEAVY	US ALUMINUM	A36 MILD STEEL
29	WB600	W BLOCK .688" WIDE		
30	ST035	#10 x 5/8" FH SMS		
31	DOW995	SILICONE SEALANT	DOW CORNING	SILICONE

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.



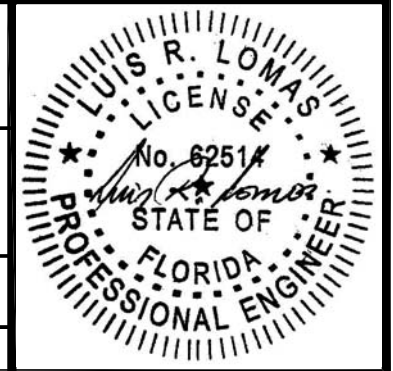
ITEM 27 NOT USED

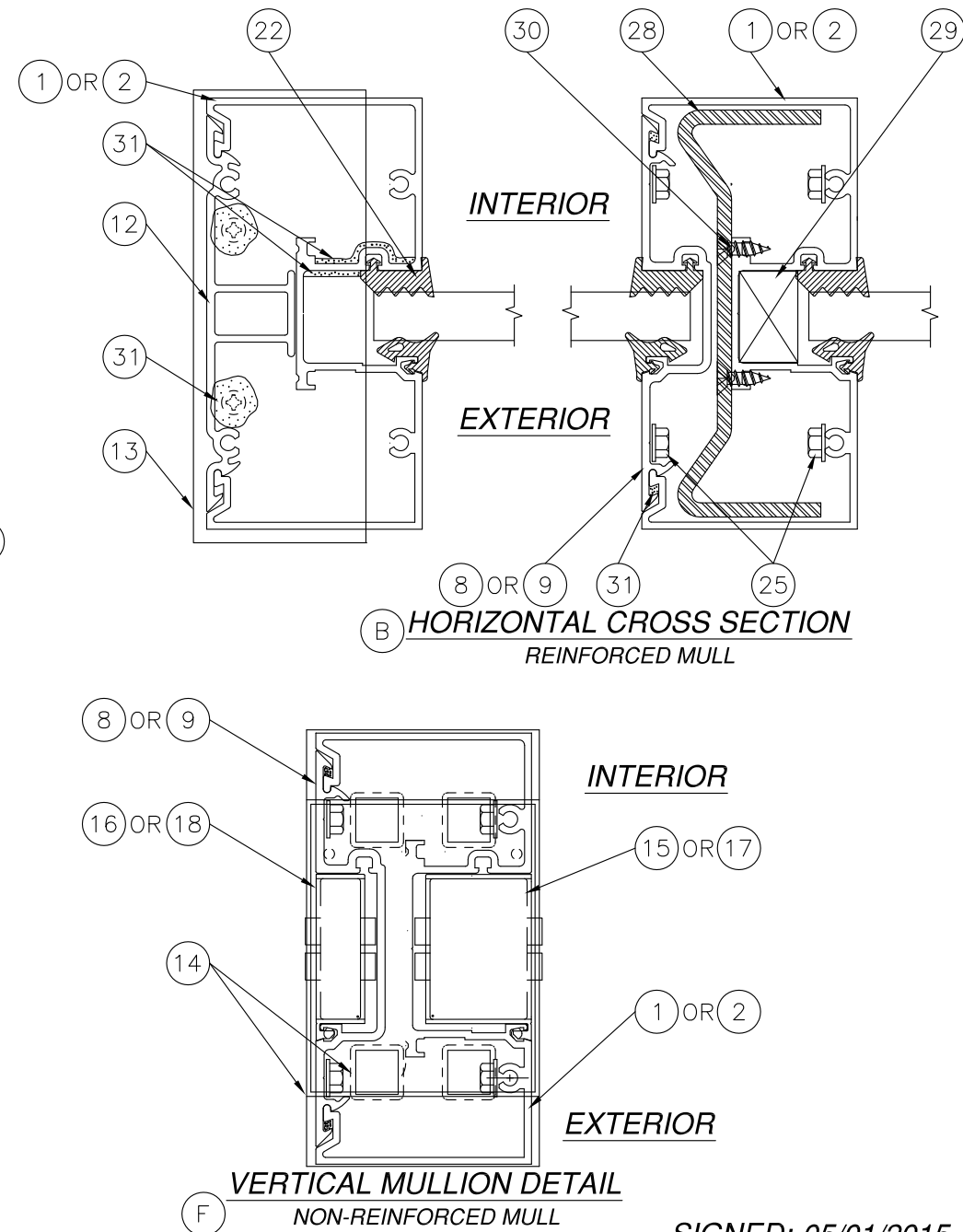
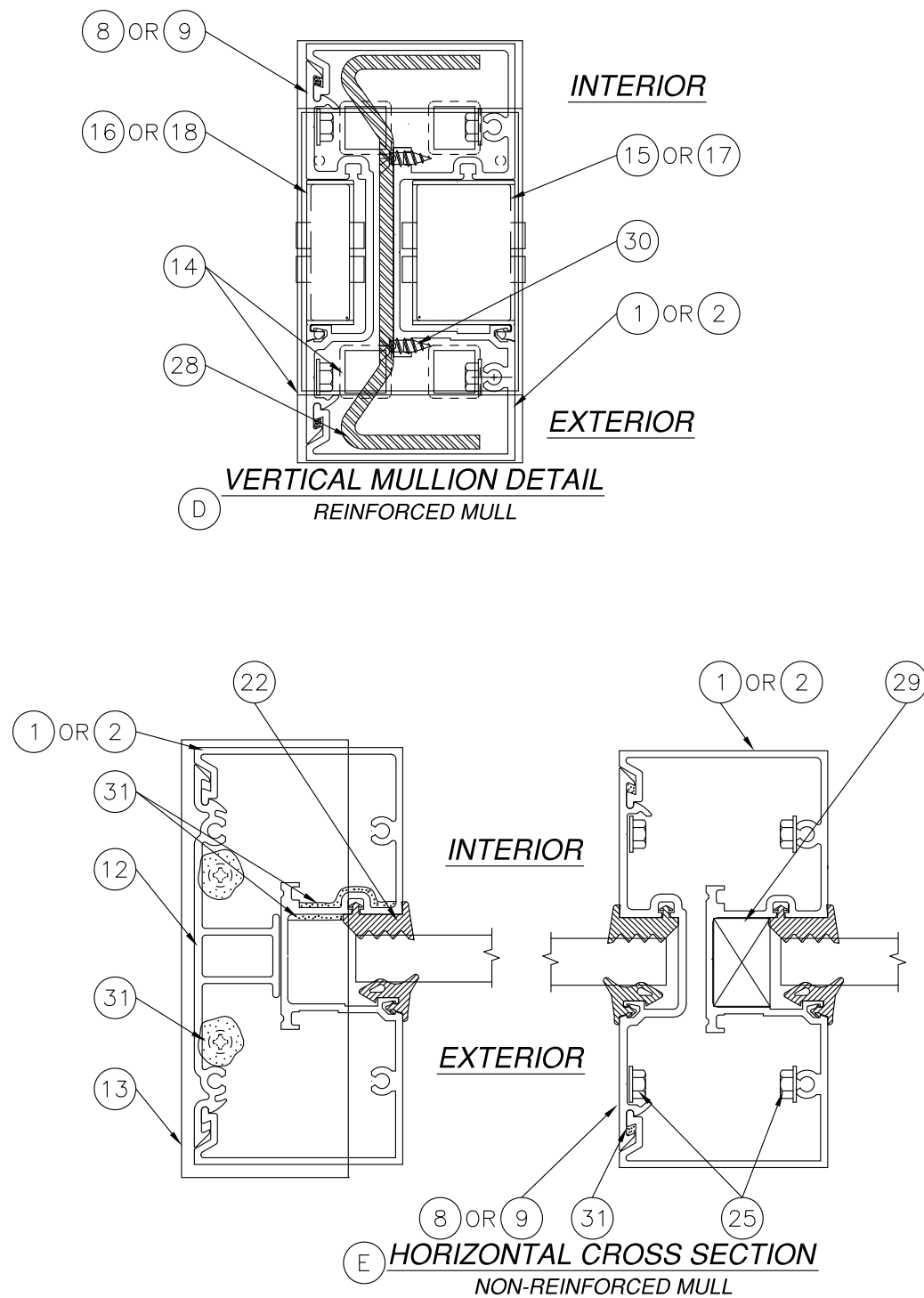
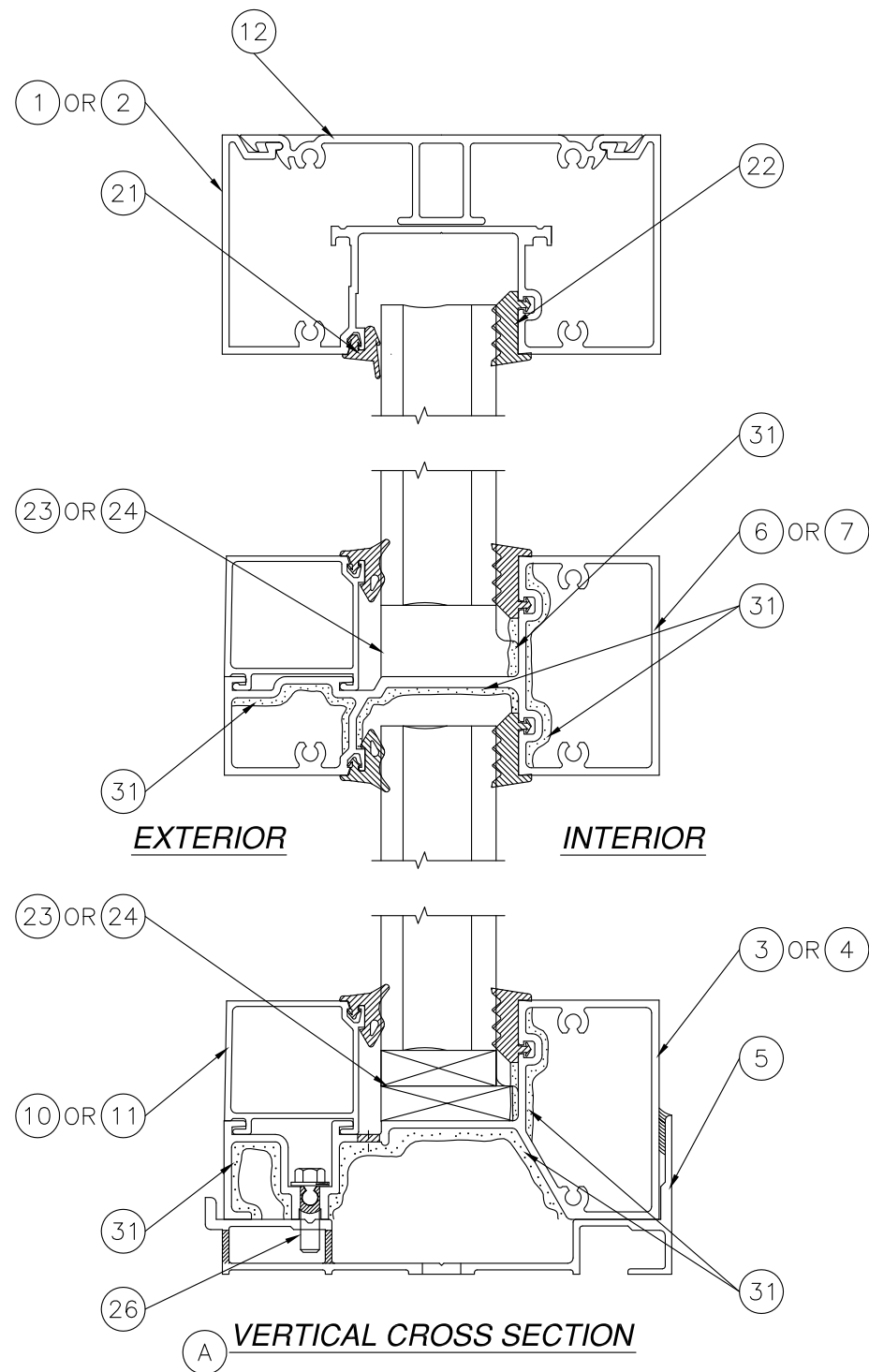
SIGNED: 05/01/2015

US ALUMINUM
 DIVISION OF C.R. LAURENCE CO., INC.
 720 CEL-RIVER RD, ROCK HILL, SC 29730

SERIES IG500/IG600 STORM FRONT ALUMINUM
 STOREFRONT - NON-IMPACT
 BILL OF MATERIALS

DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 5 OF 12





REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.

NOTE: FOR ANCHORING TO SUBSTRATE SEE SHEETS 7 THRU 9.

MULLION ASSEMBLY PROPERTIES

SINGLE GLAZED:
 TOTAL I_x (IN TERMS OF ALUMINUM) = 16.6481 in⁴
 S_x ALUMINUM = (16.6481/2.5095 in) in³

IGU GLAZED:
 TOTAL I_x (IN TERMS OF ALUMINUM): 16.9703 in⁴
 S_x ALUMINUM = (16.9703/2.5216 in) in³

US ALUMINUM

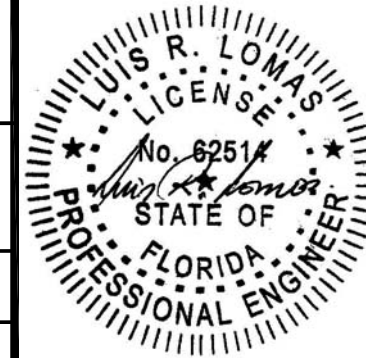
DIVISION OF C.R. LAURENCE CO., INC.
 720 CEL-RIVER RD, ROCK HILL, SC 29730

SERIES IG500/IG600 STORM FRONT ALUMINUM
 STOREFRONT - NON-IMPACT
 CROSS SECTIONS

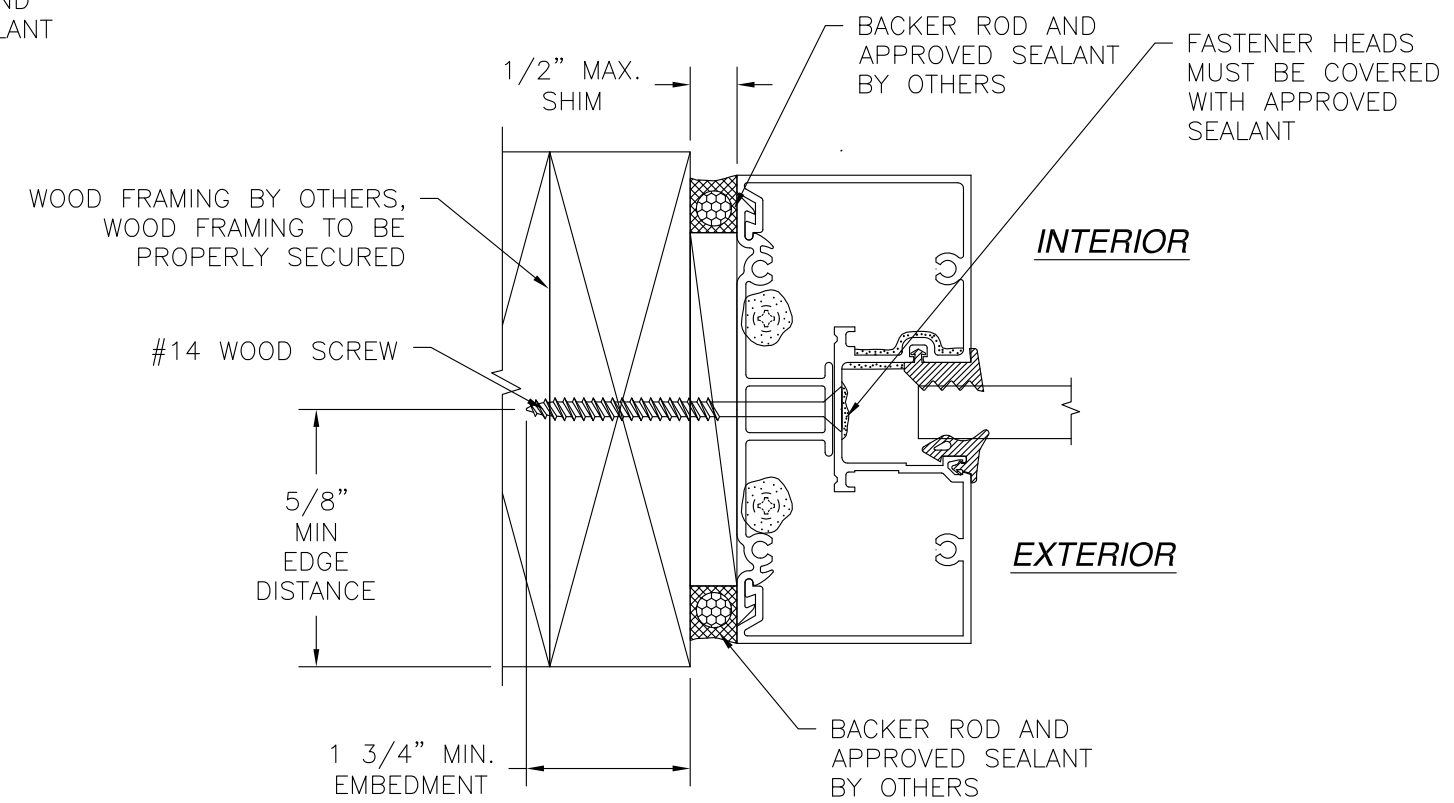
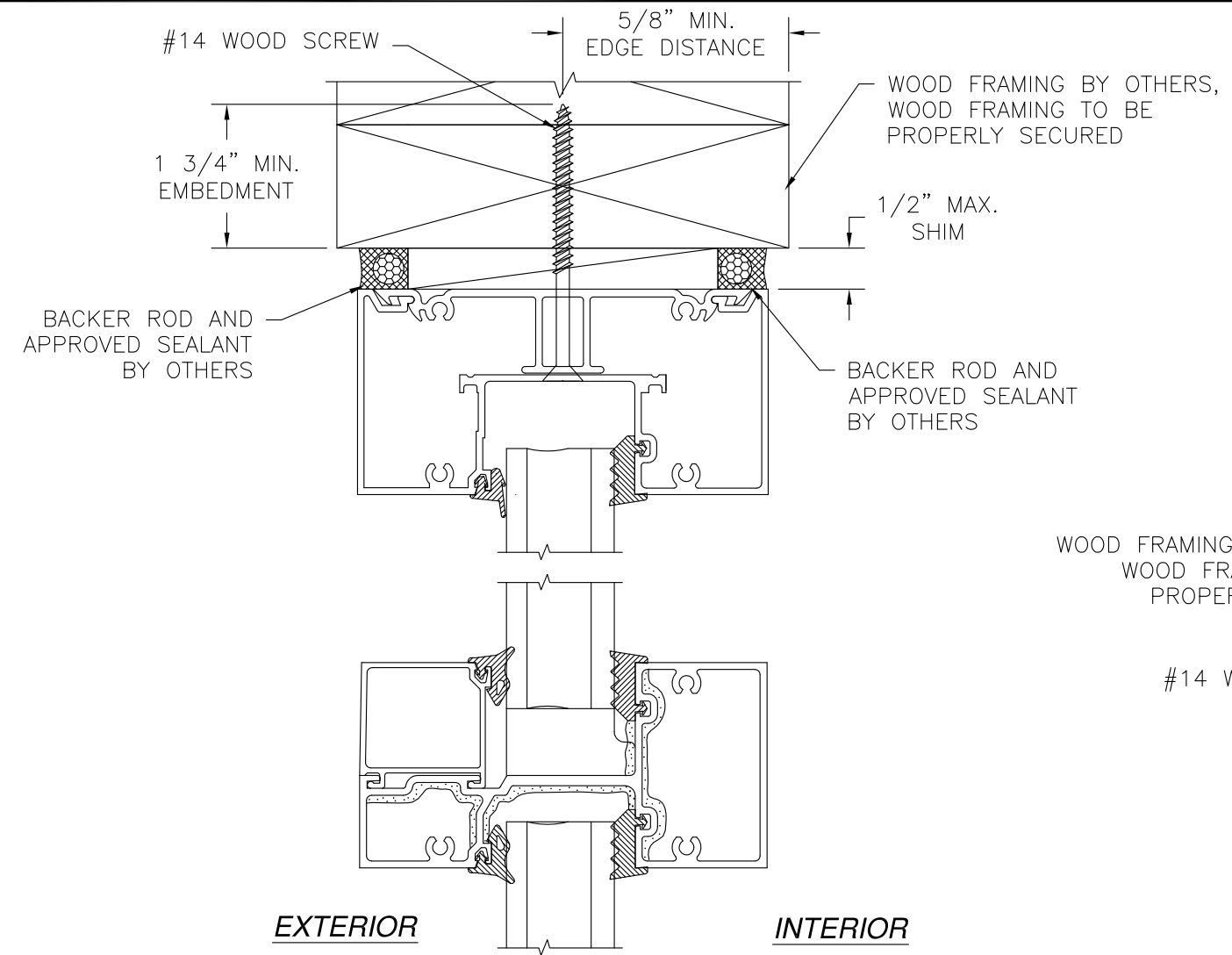
DRAWN: TJH DWG NO. 08-01580 REV B

SCALE NTS DATE 09/08/09 SHEET 6 OF 12

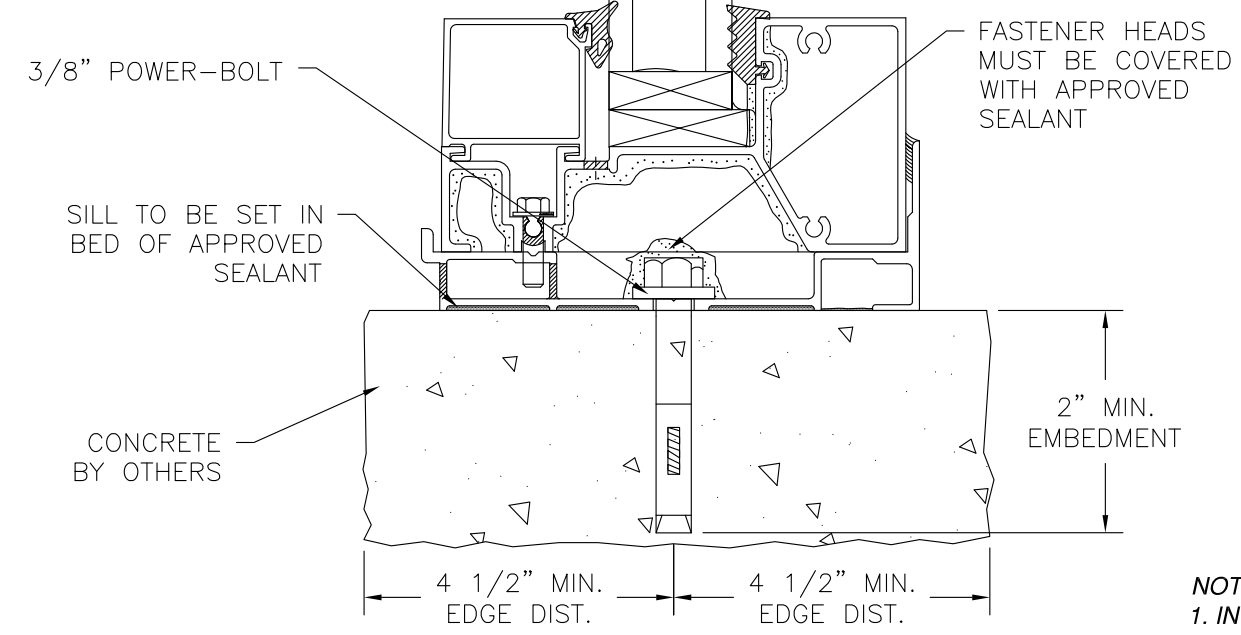
SIGNED: 05/01/2015



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.



(C) **JAMB INSTALLATION DETAIL**
WOOD FRAMING



(A) **HEAD & SILL INSTALLATION**
WOOD FRAMING AND CONCRETE

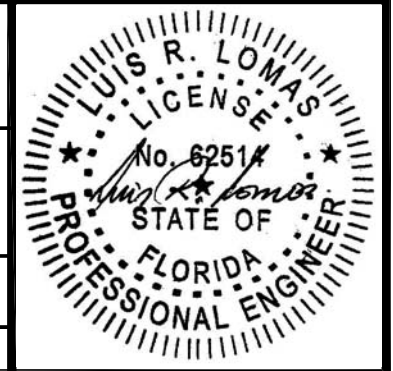
NOTES:
 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

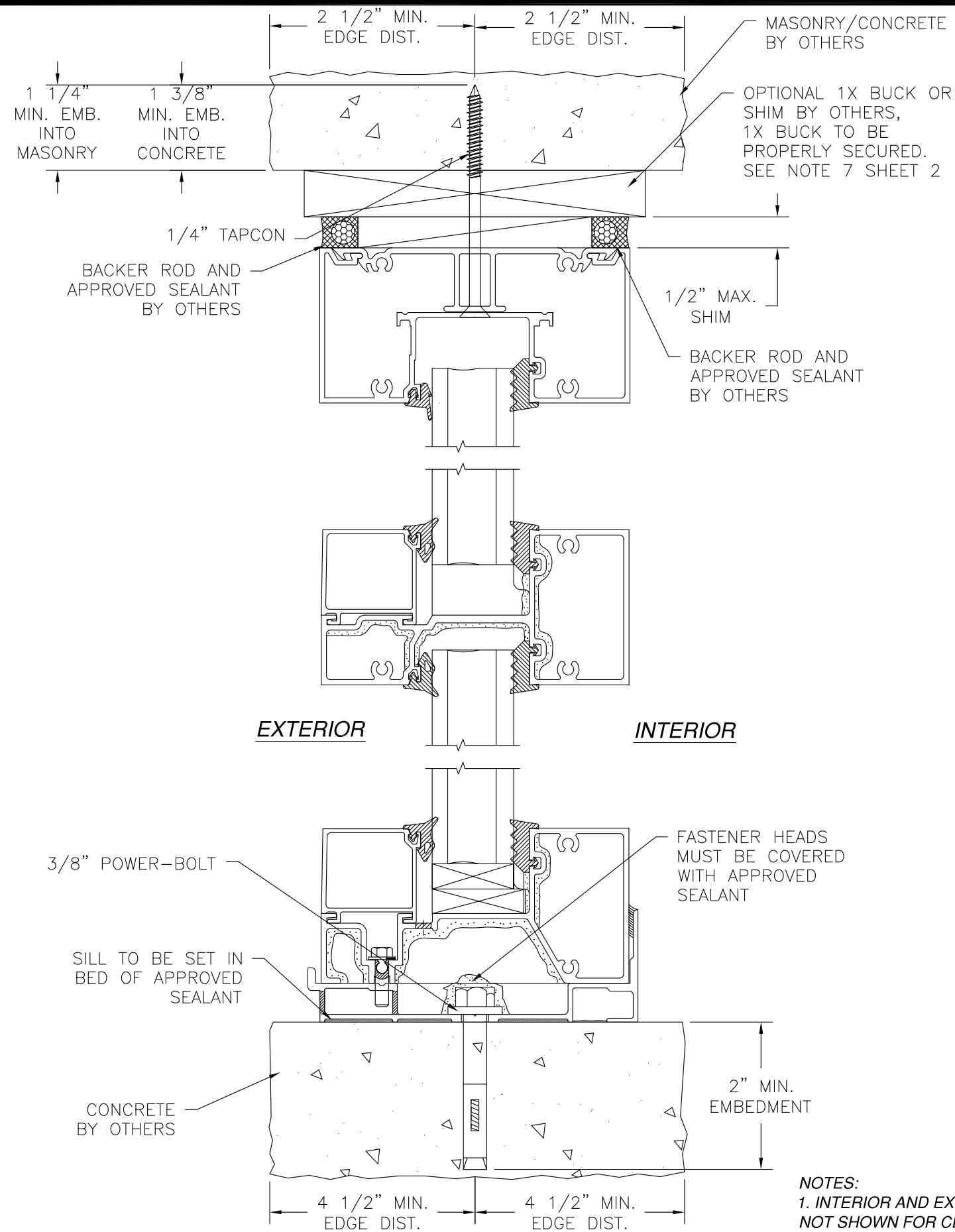
SIGNED: 05/01/2015

US ALUMINUM
 DIVISION OF C.R. LAURENCE CO., INC.
 720 CEL-RIVER RD, ROCK HILL, SC 29730

SERIES IG500/IG600 STORM FRONT ALUMINUM
 STOREFRONT - NON-IMPACT
 INSTALLATION DETAILS

DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 7 OF 12

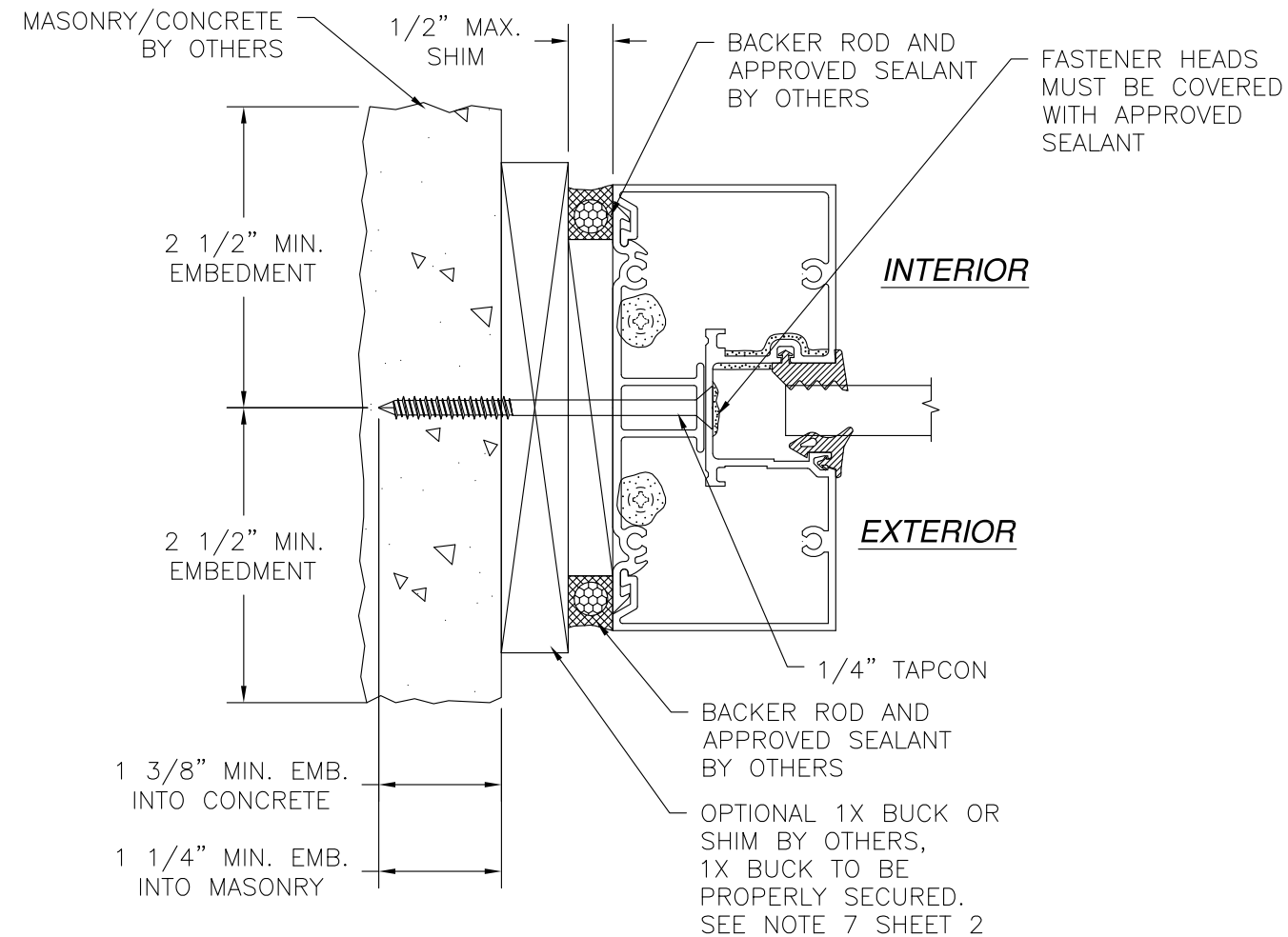




(A) HEAD & SILL INSTALLATION
MASONRY/CONCRETE

NOTES:
 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

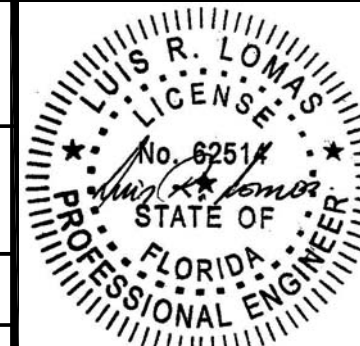
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.



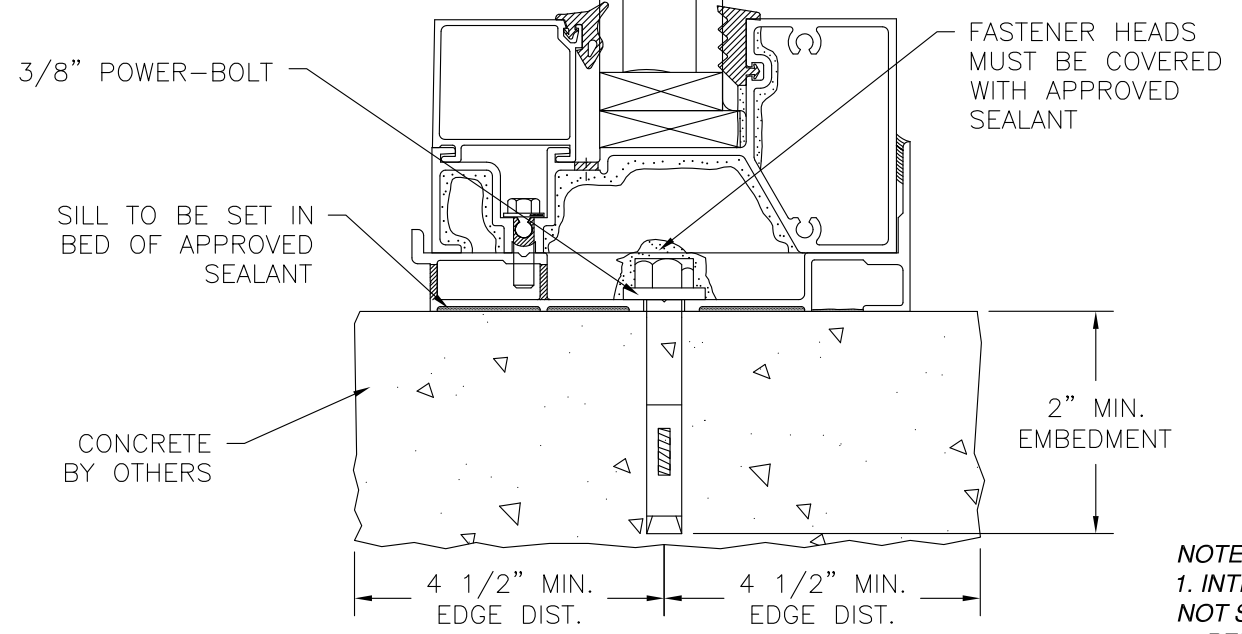
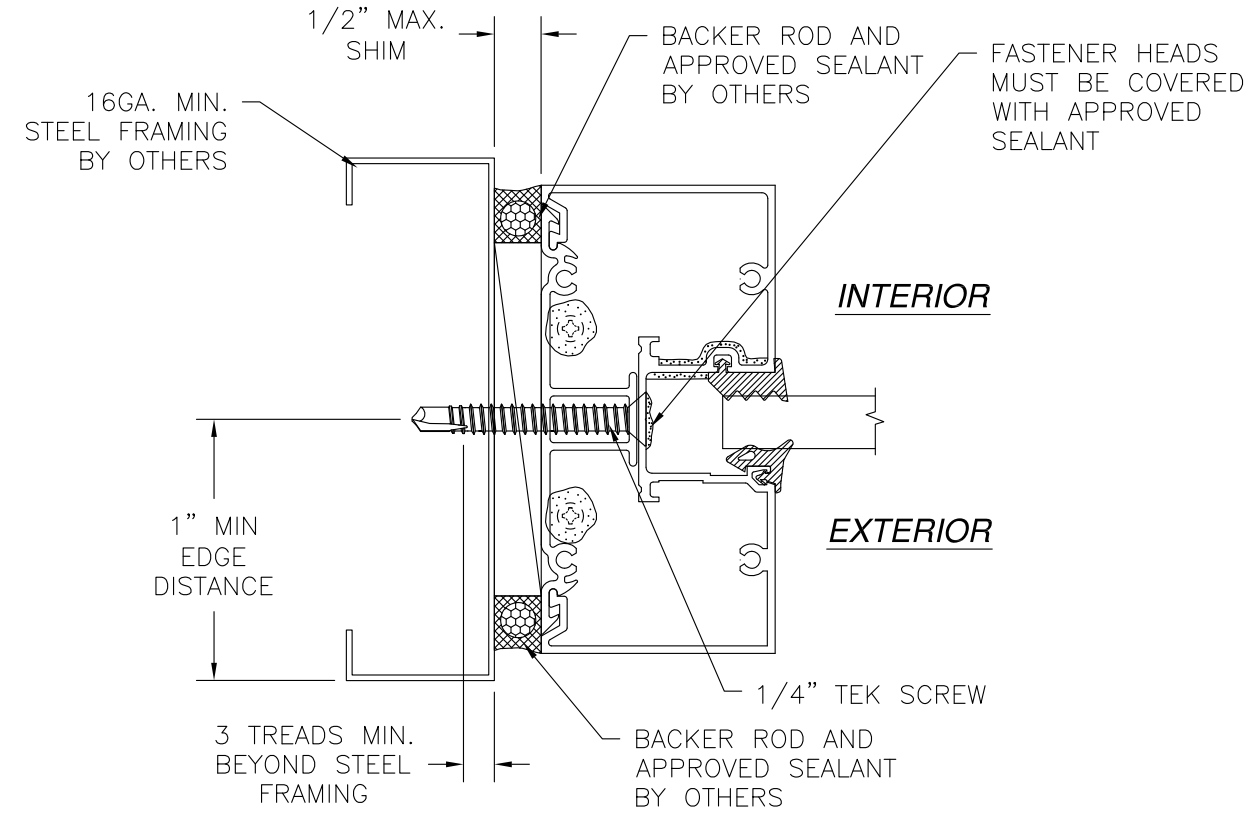
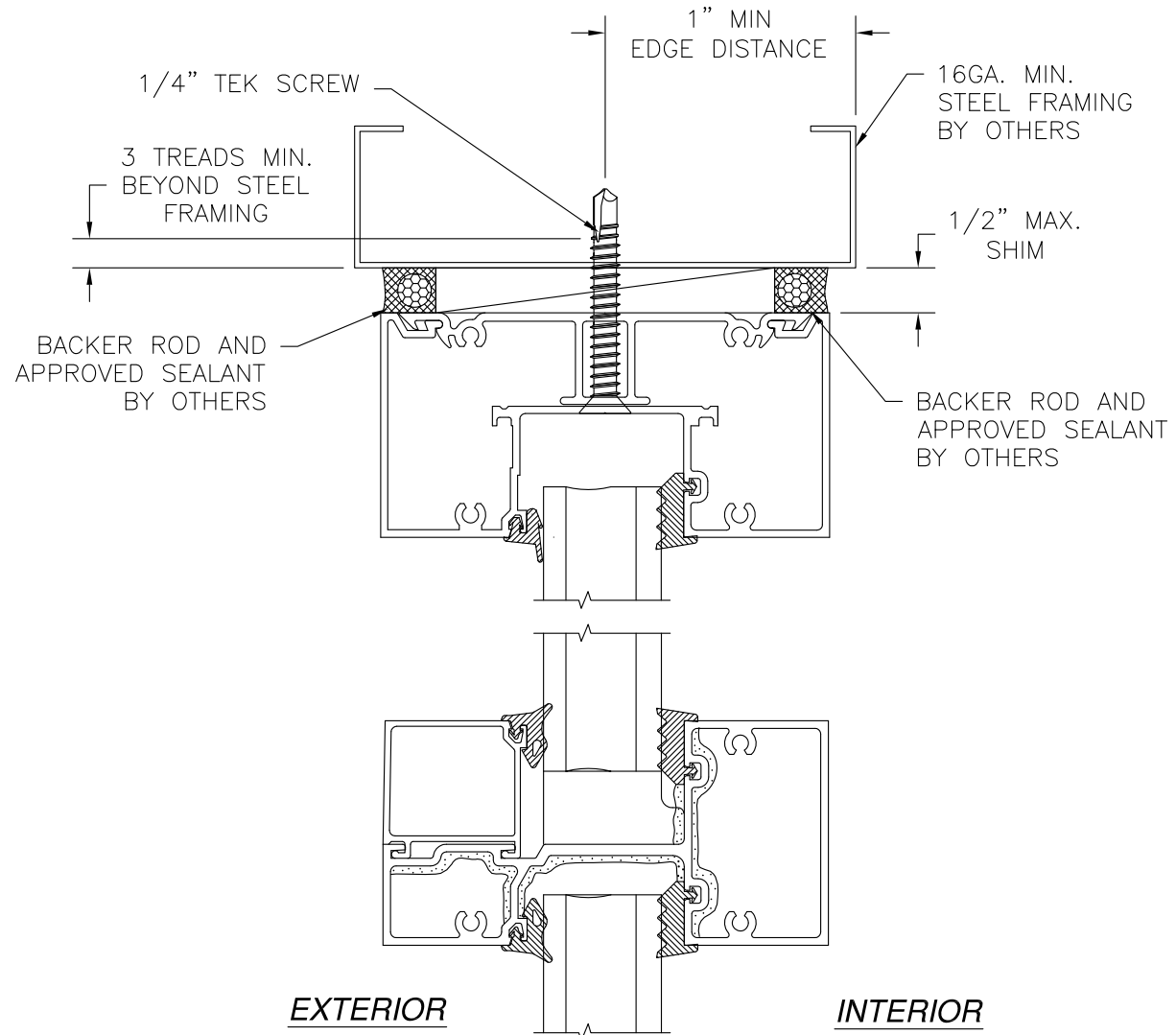
(C) JAMB INSTALLATION
MASONRY/CONCRETE

SIGNED: 05/01/2015

US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 720 CEL-RIVER RD, ROCK HILL, SC 29730		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT - NON-IMPACT INSTALLATION DETAILS		
DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 8 OF 12



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.



(A) HEAD & SILL INSTALLATION
STEEL FRAMING AND CONCRETE

(C) JAMB INSTALLATION
STEEL FRAMING

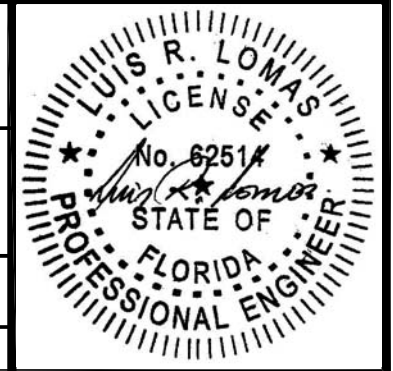
NOTES:
 1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 05/01/2015

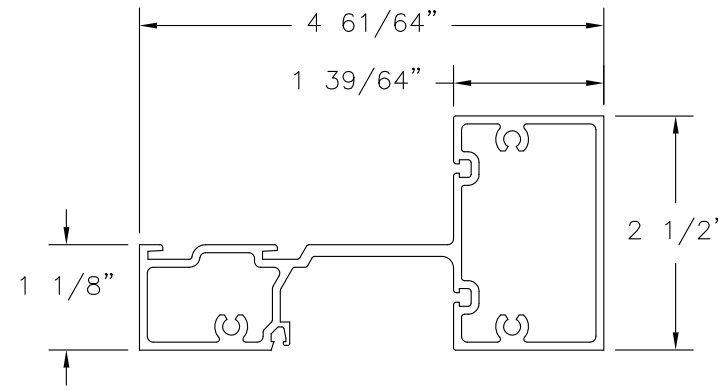
US ALUMINUM
 DIVISION OF C.R. LAURENCE CO., INC.
 720 CEL-RIVER RD, ROCK HILL, SC 29730

SERIES IG500/IG600 STORM FRONT ALUMINUM
 STOREFRONT - NON-IMPACT
 INSTALLATION DETAILS

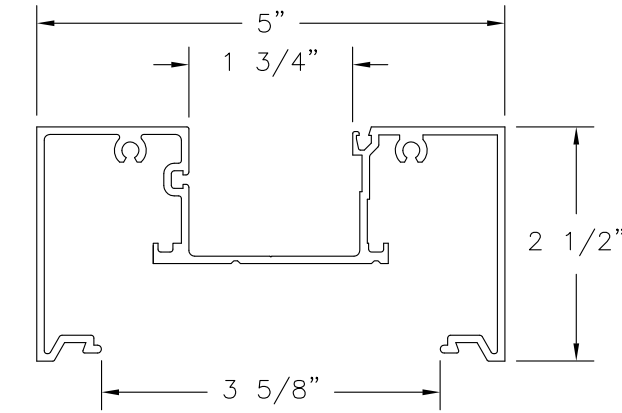
DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 9 OF 12



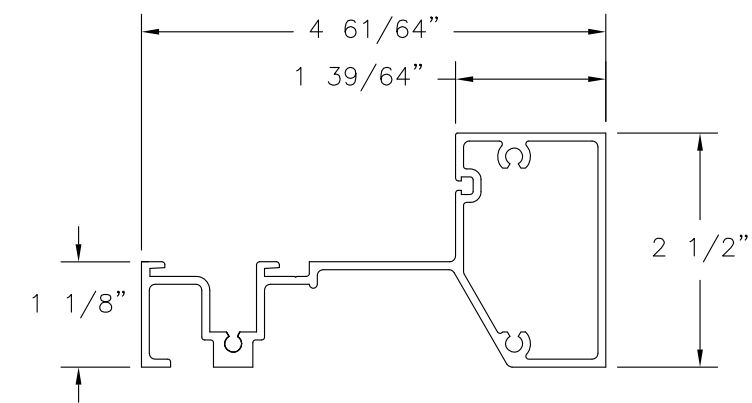
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.



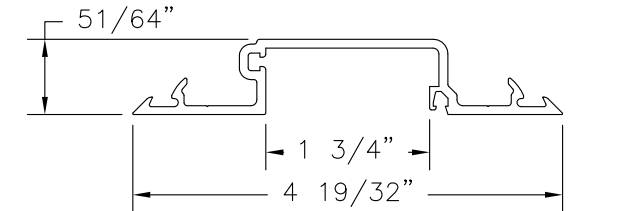
⑦ **HORIZONTAL MULL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



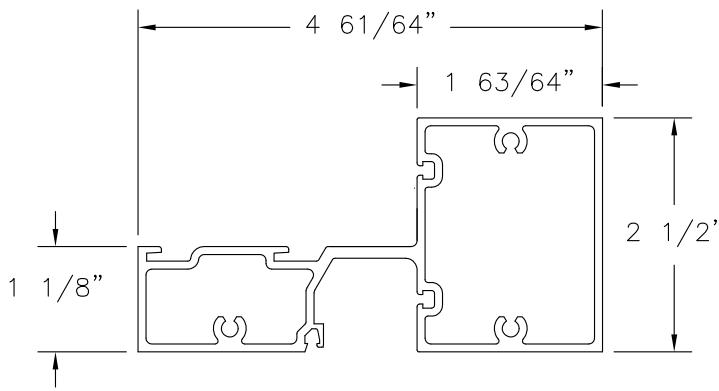
② **MAIN FRAME - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .080" THICK



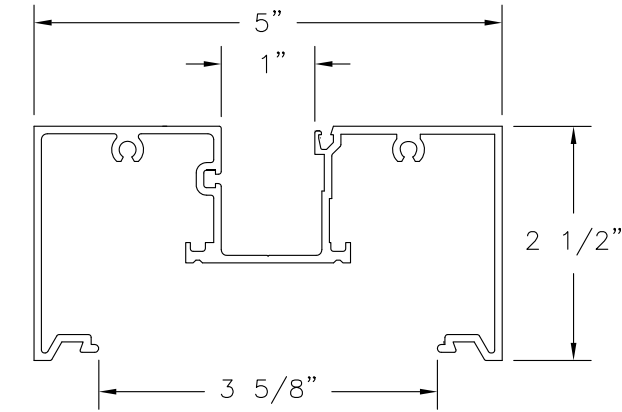
④ **SILL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



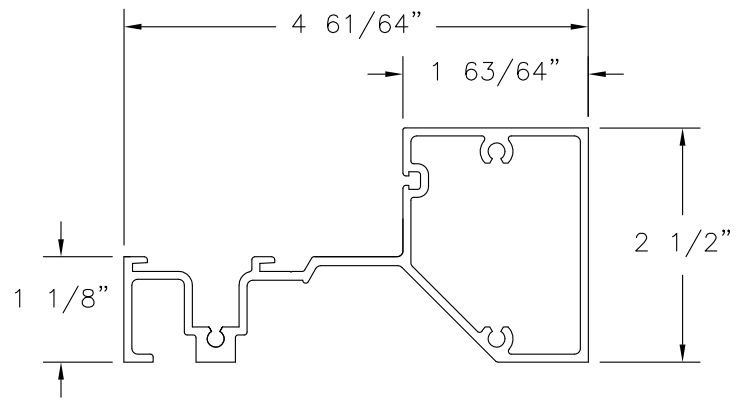
⑨ **FILLER VERTICAL - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



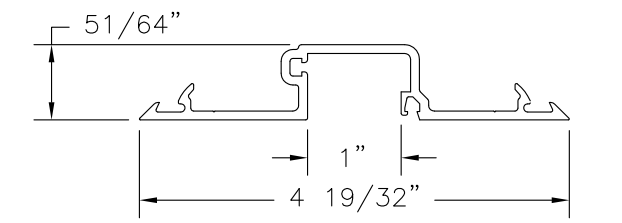
⑥ **HORIZONTAL MULL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



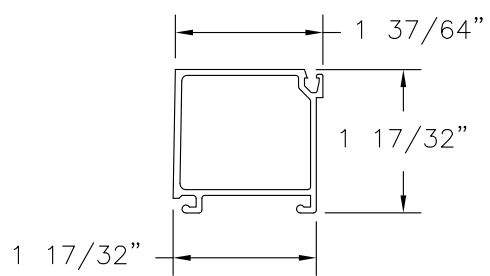
① **MAIN FRAME - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .080" THICK



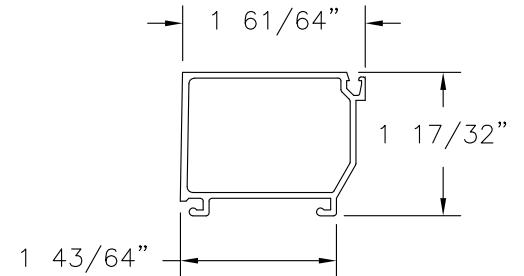
③ **SILL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .085" THICK



⑧ **FILLER VERTICAL - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .095" THICK



⑪ **STOP - 1 5/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .062" THICK



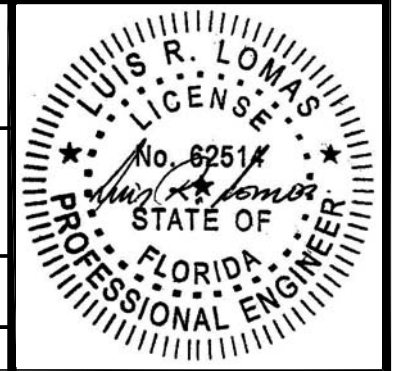
⑩ **STOP - 9/16" GLASS**
EXTRUDED ALUMINUM 6063-T5 .062" THICK

US ALUMINUM
DIVISION OF C.R. LAURENCE CO., INC.
720 CEL-RIVER RD, ROCK HILL, SC 29730

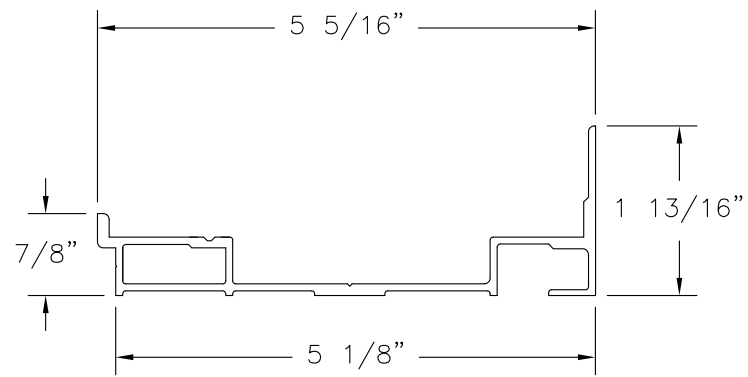
SERIES IG500/IG600 STORM FRONT ALUMINUM
STOREFRONT - NON-IMPACT
COMPONENTS

DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 10 OF 12

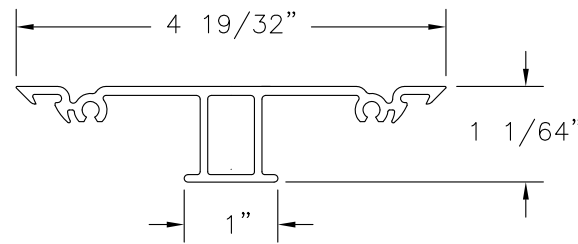
SIGNED: 05/01/2015



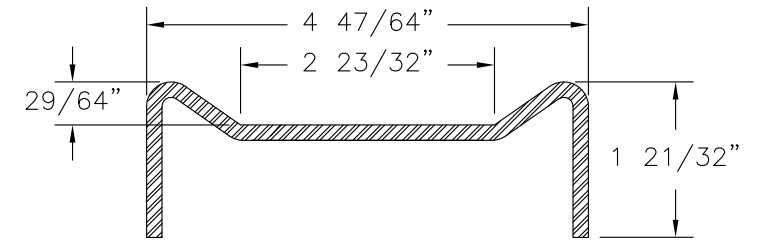
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.



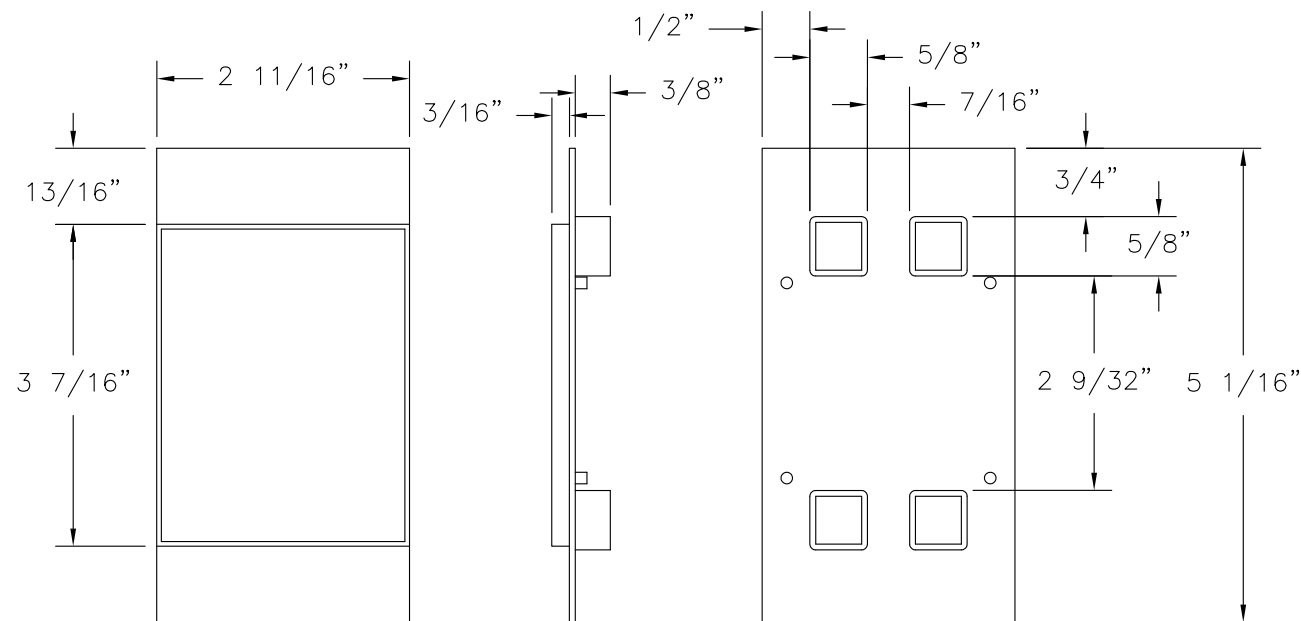
⑤ **SUB SILL**
EXTRUDED ALUMINUM 6063-T5 .075" THICK



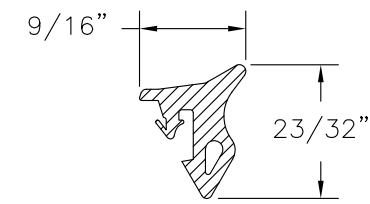
⑫ **FILLER JAMB/HEAD**
EXTRUDED ALUMINUM 6063-T5 .080" THICK



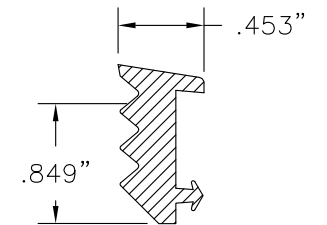
⑳ **STEEL STIFFENER HEAVY**
FORMED 8GA. A36 MILD STEEL



⑭ **VERTICAL CLOSER PLATE**
TPR 50 DUROMETER .062" THICK



㉑ **EXTERIOR GASKET**
70 DUROMETER EDPM



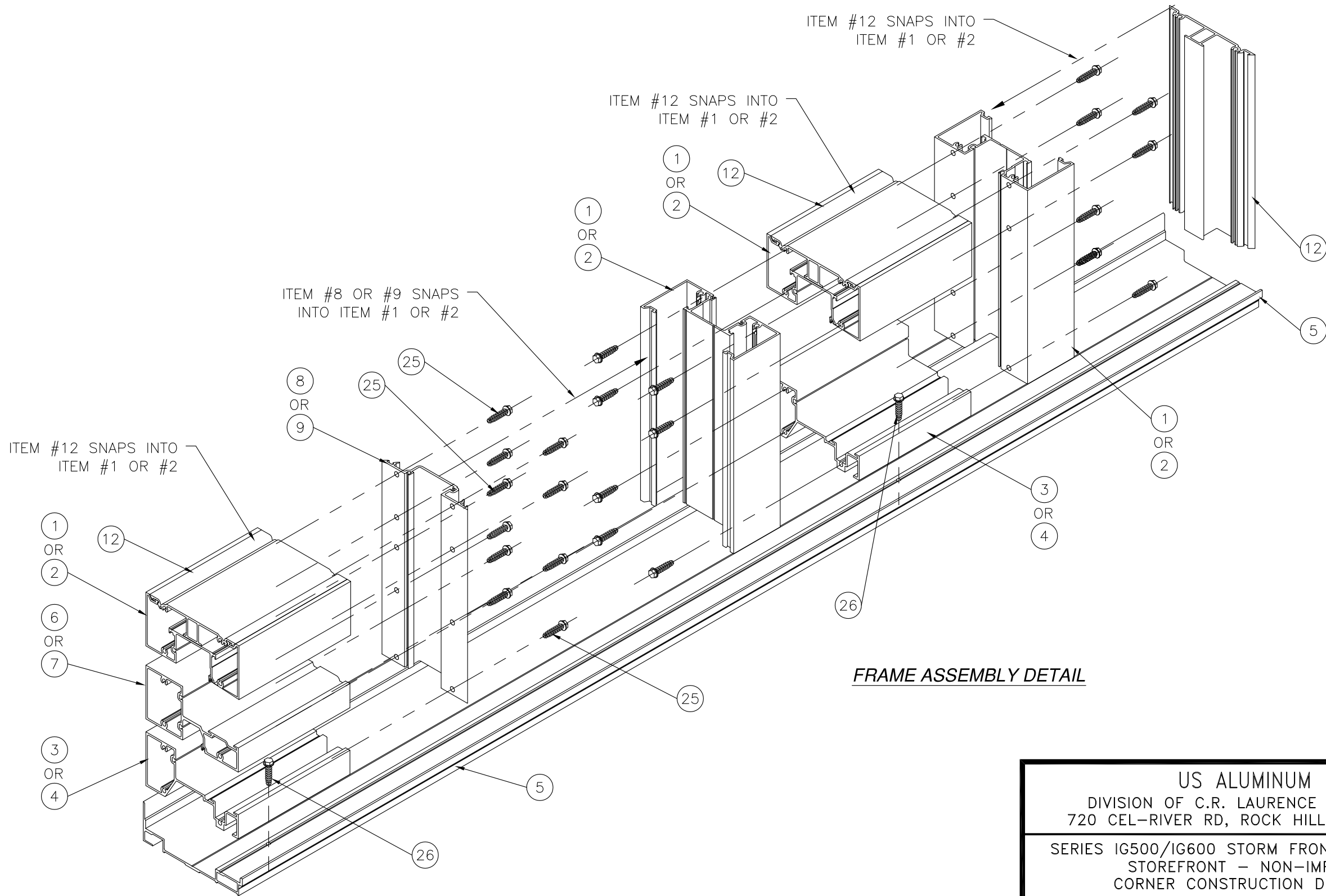
㉒ **INTERIOR GASKET**
EDPM SPONGE

SIGNED: 05/01/2015

US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 720 CEL-RIVER RD, ROCK HILL, SC 29730		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT - NON-IMPACT COMPONENTS		
DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 11 OF 12



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED GLAZING DETAILS	07/09/12	R.L.
B	REVISED INSTALLATION DETAILS	04/30/15	R.L.



FRAME ASSEMBLY DETAIL

SIGNED: 05/01/2015

US ALUMINUM DIVISION OF C.R. LAURENCE CO., INC. 720 CEL-RIVER RD, ROCK HILL, SC 29730		
SERIES IG500/IG600 STORM FRONT ALUMINUM STOREFRONT - NON-IMPACT CORNER CONSTRUCTION DETAILS		
DRAWN: TJH	DWG NO. 08-01580	REV B
SCALE NTS	DATE 09/08/09	SHEET 12 OF 12

