

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER NEW CODE	12/04/14	R.L.
B	REVISED ANCHORS	03/28/17	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
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. FRAME MATERIAL: EXTRUDED RIGID PVC.
5. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 3 FOR GLASS DETAILS.
6. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
7. 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 1/4".
8. FOR ANCHORING THROUGH FIN INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
9. FOR ANCHORING THROUGH FRAME INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING THROUGH FRAME INTO MASONRY/CONCRETE USE 3/16" 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 THROUGH FRAME INTO METAL STRUCTURE USE #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.
12. ALL FASTENERS TO BE CORROSION RESISTANT. 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 18GA, 33KSI OR ALUMINUM 6063-T5 .048" THICK MINIMUM

SIGNED: 03/28/2017

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1	NOTES
2	ELEVATIONS
3	CROSS SECTIONS AND B.O.M.
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VIWINCO INC.
P.O. BOX 499
MORGANTOWN, PA 19543

OCEANVIEW ORIEL IMPACT DOUBLE HUNG WINDOW
36" X 66"
NOTES

DRAWN:
A.S.

DWG NO.
08-01478

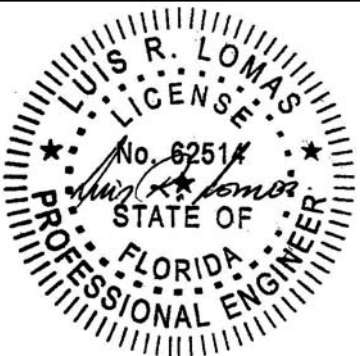
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SCALE NTS

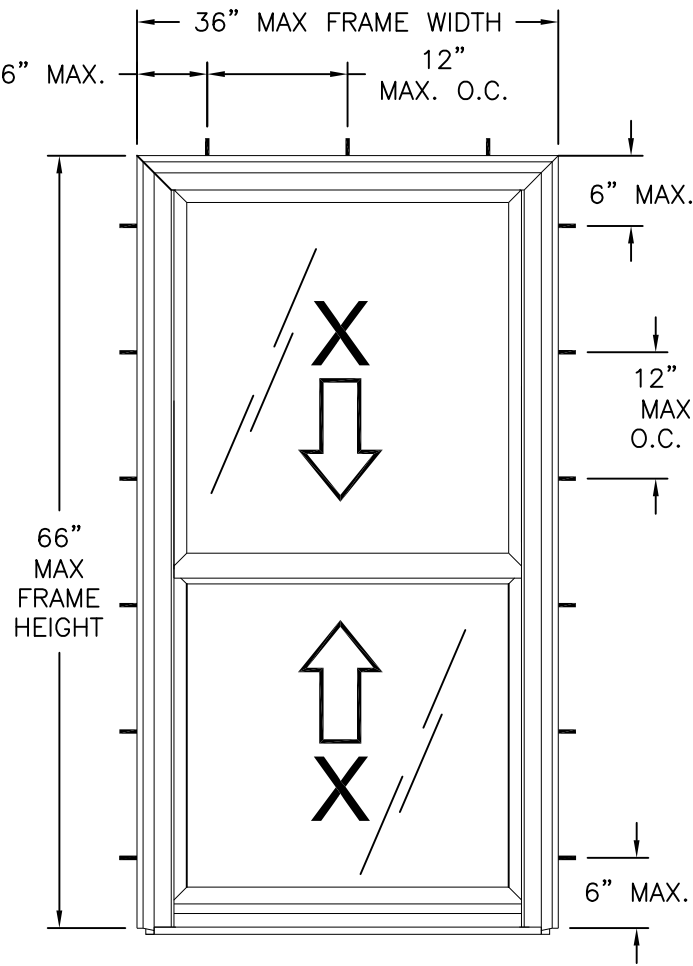
DATE 03/05/12

SHEET 1 OF 7

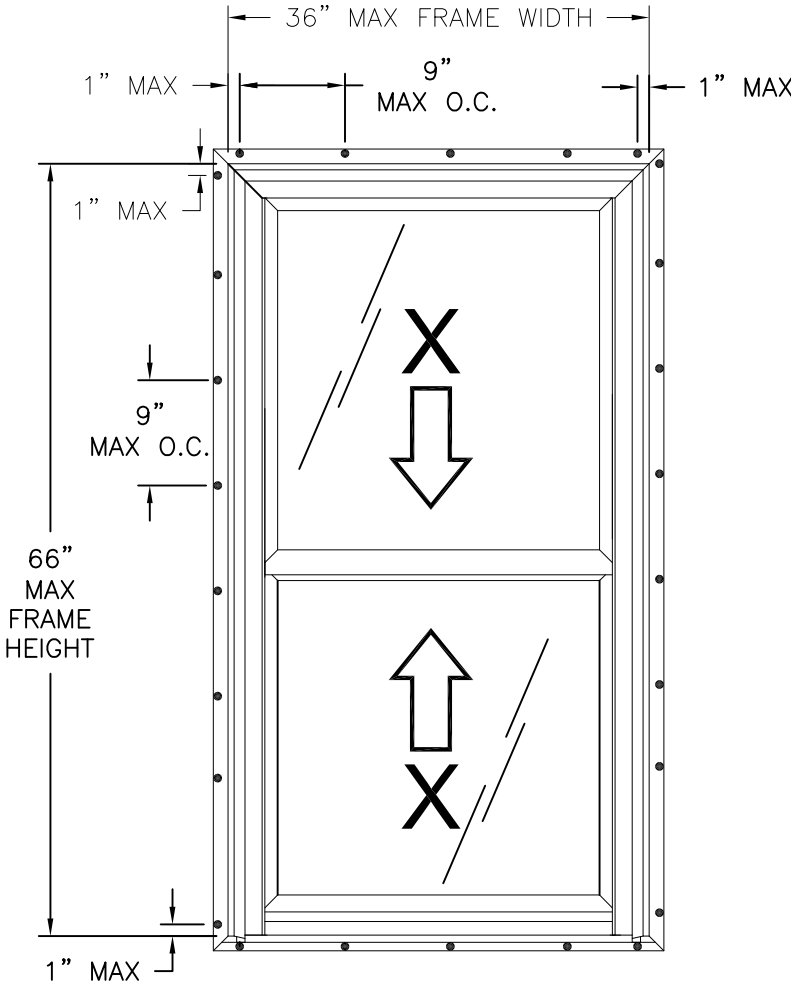
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1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com



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



OCEAN VIEW DOUBLE HUNG WINDOW
EXTERIOR VIEW
FRAME FLUSH INSTALLATION



OCEANVIEW DOUBLE HUNG WINDOW
EXTERIOR VIEW
FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 3

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OCEANVIEW ORIEL IMPACT DOUBLE HUNG WINDOW
36" X 66"
ELEVATIONS

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03/05/12

SHEET
2 OF 7

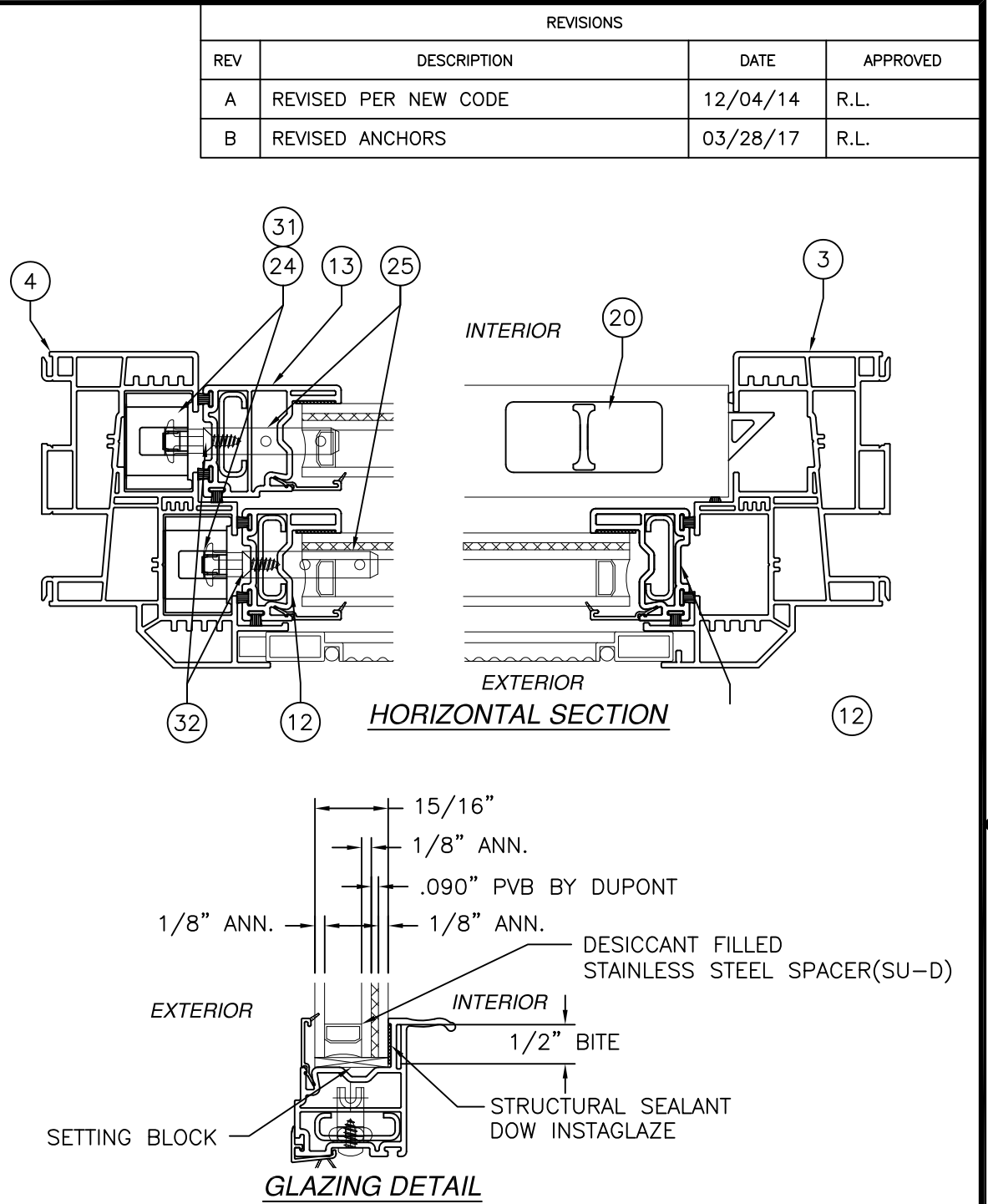
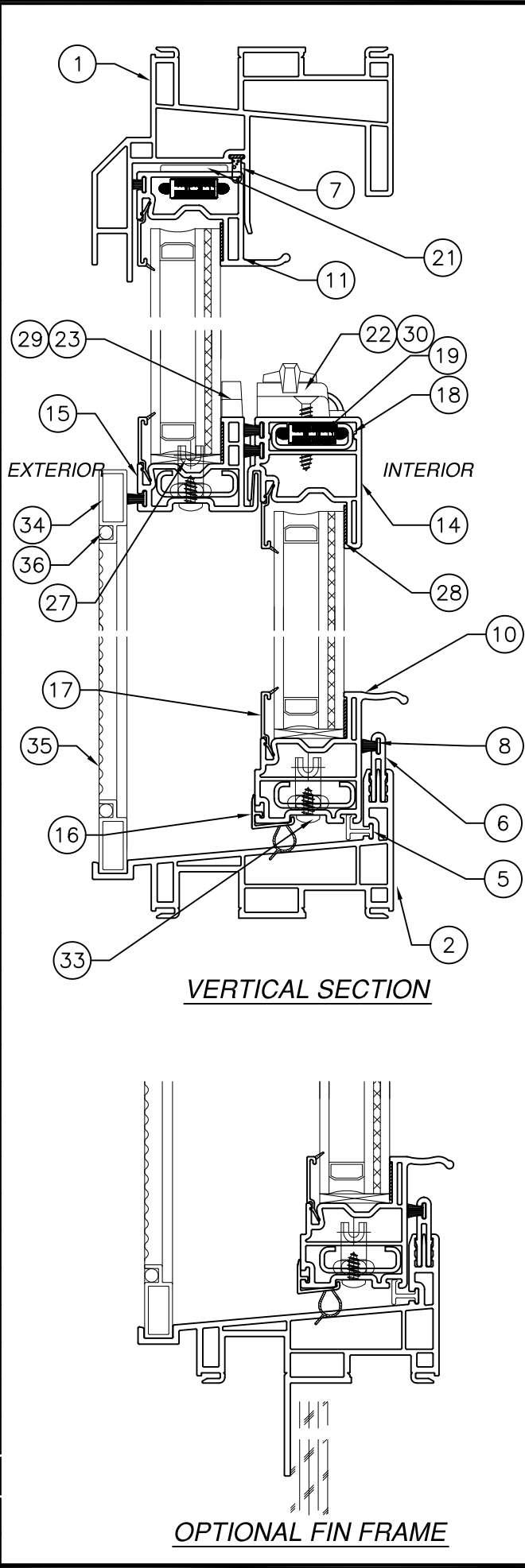
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FL No.: 62514

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	8910	HEAD	Deceuninck	WHITE PVC
2	8911	SILL	Deceuninck	WHITE PVC
3	8912	JAMB w/ SCREEN NUB	Deceuninck	WHITE PVC
4	8913	JAMB w/o SCREEN NUB	Deceuninck	WHITE PVC
5	6609	SILL INTERLOCK	Minalex	ALUMINUM
6	5142	SILL LEG	Deceuninck	WHITE PVC
7	6598	HEAD BULB SEAL	Amesbury	WHITE PVC
8	3515	WEATHER STRIPPING – SILL LEG	UltraFab	WOOL PILE
9	7531	SASH STOP	Central Plastics	WHITE PVC
10	5303	SASH LIFT RAIL BTM	Deceuninck	WHITE PVC
11	5304	SASH LIFT RAIL TOP	Deceuninck	WHITE PVC
12	5307	STILES – TOP SASH	Deceuninck	WHITE PVC
13	5306	STILES – BTM SASH	Deceuninck	WHITE PVC
14	5308	LOCK RAIL	Deceuninck	WHITE PVC
15	5309	KEEPER RAIL	Deceuninck	WHITE PVC
16	5146	BULB SEAL	Deceuninck	WHITE PVC
17	5144	GLAZING BEAD	Deceuninck	WHITE PVC
18	6608H	BARNEY BOLT	Pennex	ALUMINUM
19	8600	BARNEY SLIDE BOLT	Four-Jaks	NYLON
20	8625	BOTTOM BUTTON	Four-Jaks	WHITE PVC
21	8630	TOP BUTTON	Four-Jaks	WHITE PVC
22	8650	CAM LOCK W/ LUG	Four-Jaks	DIE CAST
23	8670	KEEPER	Four-Jaks	DIE CAST
24	8718	BALANCE SPRING ASSEMBLY	Four-Jaks	STAINLESS STEEL
25	8750	PIVOT BAR	Four-Jaks	DIE CAST
26	8121	NITE LOCK	Romai	PE
27	7240T	SETTING BLOCKS	TB Philly	VINYL
28	3462	SILICONE	DOW (TB PHILLY)	SILICONE
29	3715W	KEEPER SCREW FH #6 (#5 H) X 1"	Merchants	STAINLESS
30	3710W	LOOK SCREW FH #6 X 1"	Merchants	STAINLESS
31	3707	BALANCE COVER SCREW FH6X1-1/4"	Merchants	STAINLESS
32	3738	PIVOTBAR SIDE SCREW FH #5 X 3/8"	Merchants	STAINLESS
33	3732	PIVOT BAR BTM SCREW PH#6X3/8	Merchants	STAINLESS
34	4195	SCREEN RAIL	Leading Edge	ALUMINUM
35	3285	FIBERGLASS SCREEN	PHIFER	FIBERGLASS SCREEN
36	3260	SPLINE	DAPA	VINYL
37	3245	CORNERS	Hygrade	DIE CAST
38	4060	LIFT TABS	Anlin	ALUMINUM
39				
40				



VIWINCO INC.

P.O. BOX 499

MORGANTOWN, PA 19543

OCEANVIEW ORIEL IMPACT DOUBLE HUNG WINDOW

36" X 66"

CROSS SECTIONS

DRAWN: A.S.

DWG NO. 08-01478

REV B

SCALE NTS

DATE 03/05/12

SHEET 3 OF 7

L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

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SIGNED: 03/28/2017

LUIS R. LOMAS

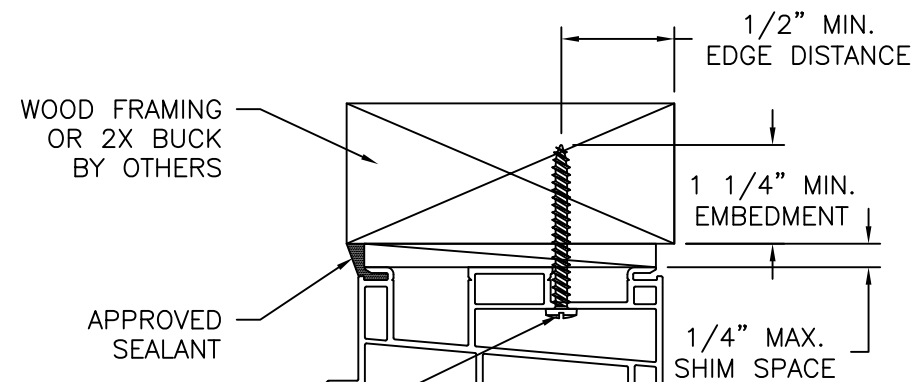
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STATE OF FLORIDA

PROFESSIONAL ENGINEER

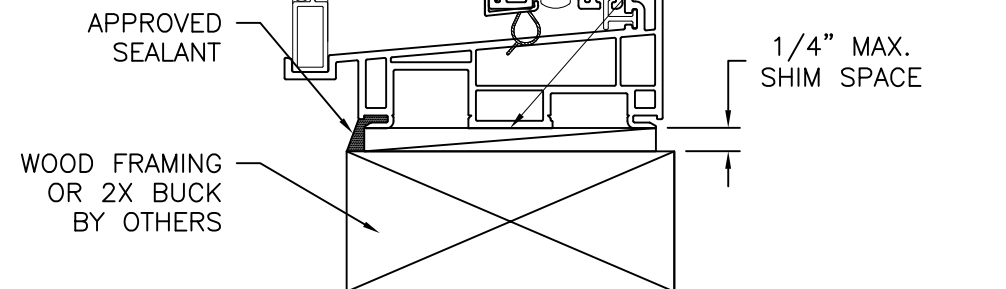
Luis R. Lomas P.E.

FL No.: 62514

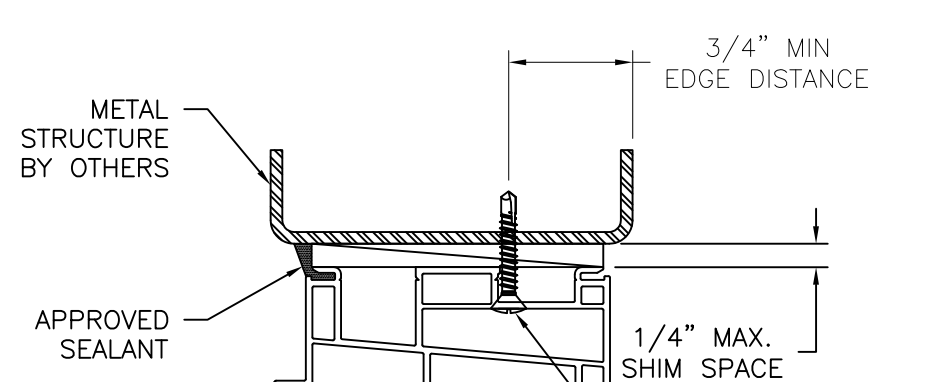


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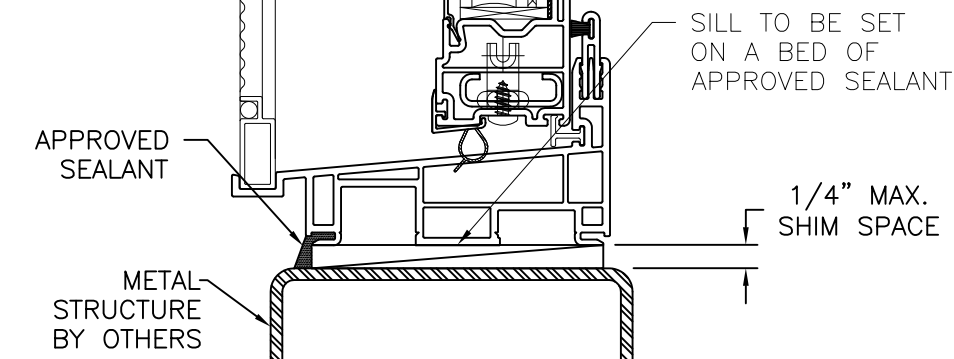


VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



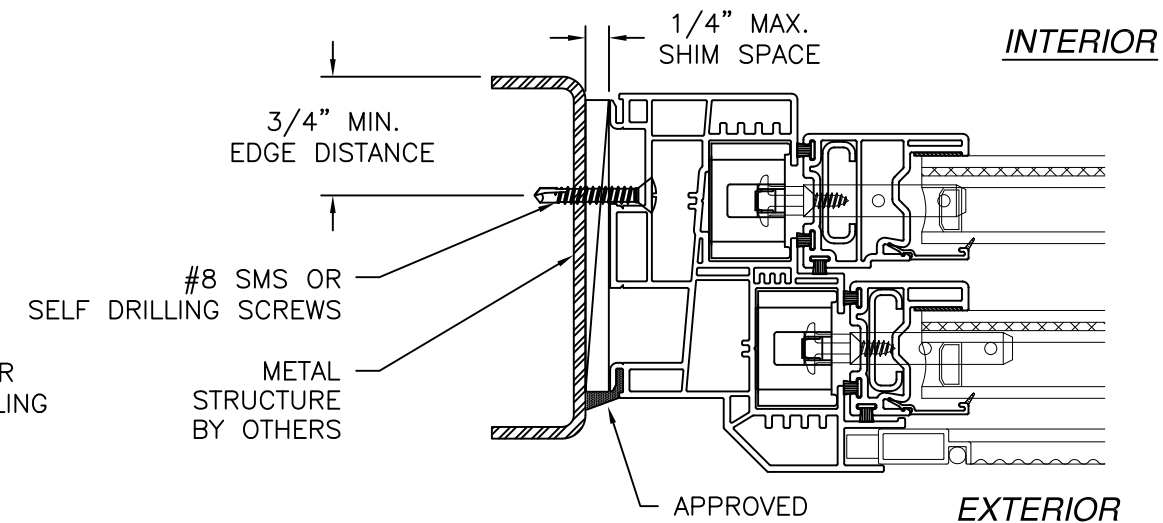
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INTERIOR



VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION

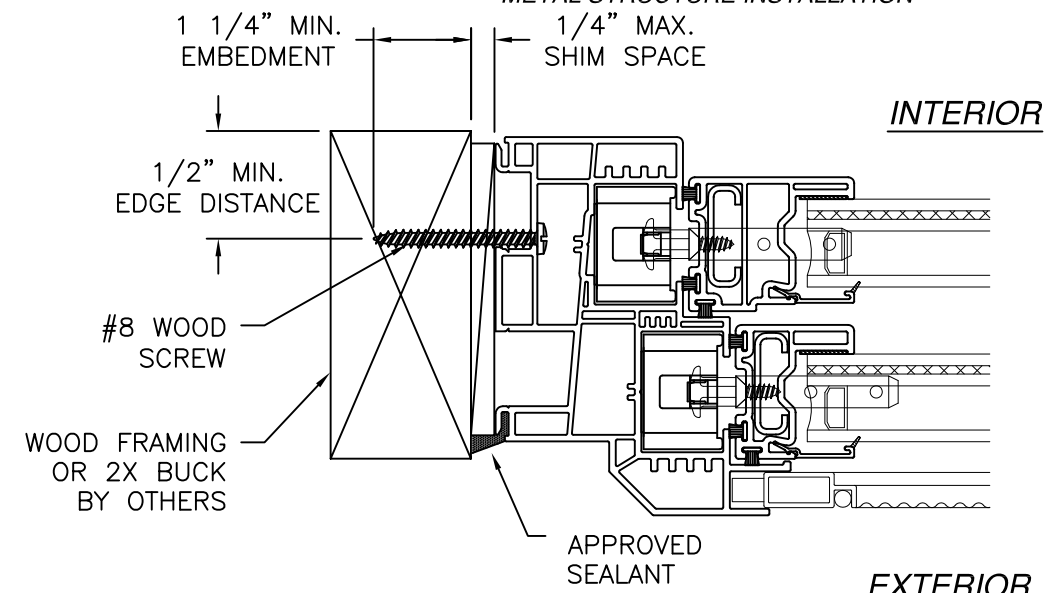
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INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



INTERIOR

EXTERIOR

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

SIGNED: 03/28/2017

- 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

VIWINCO INC.
P.O. BOX 499
MORGANTOWN, PA 19543

OCEANVIEW ORIEL IMPACT DOUBLE HUNG WINDOW
36" X 66"
FRAME INSTALLATION DETAILS

DRAWN:
A.S.

DWG NO.
08-01478

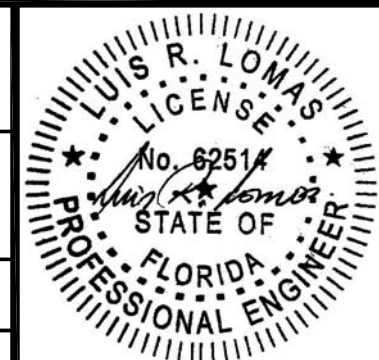
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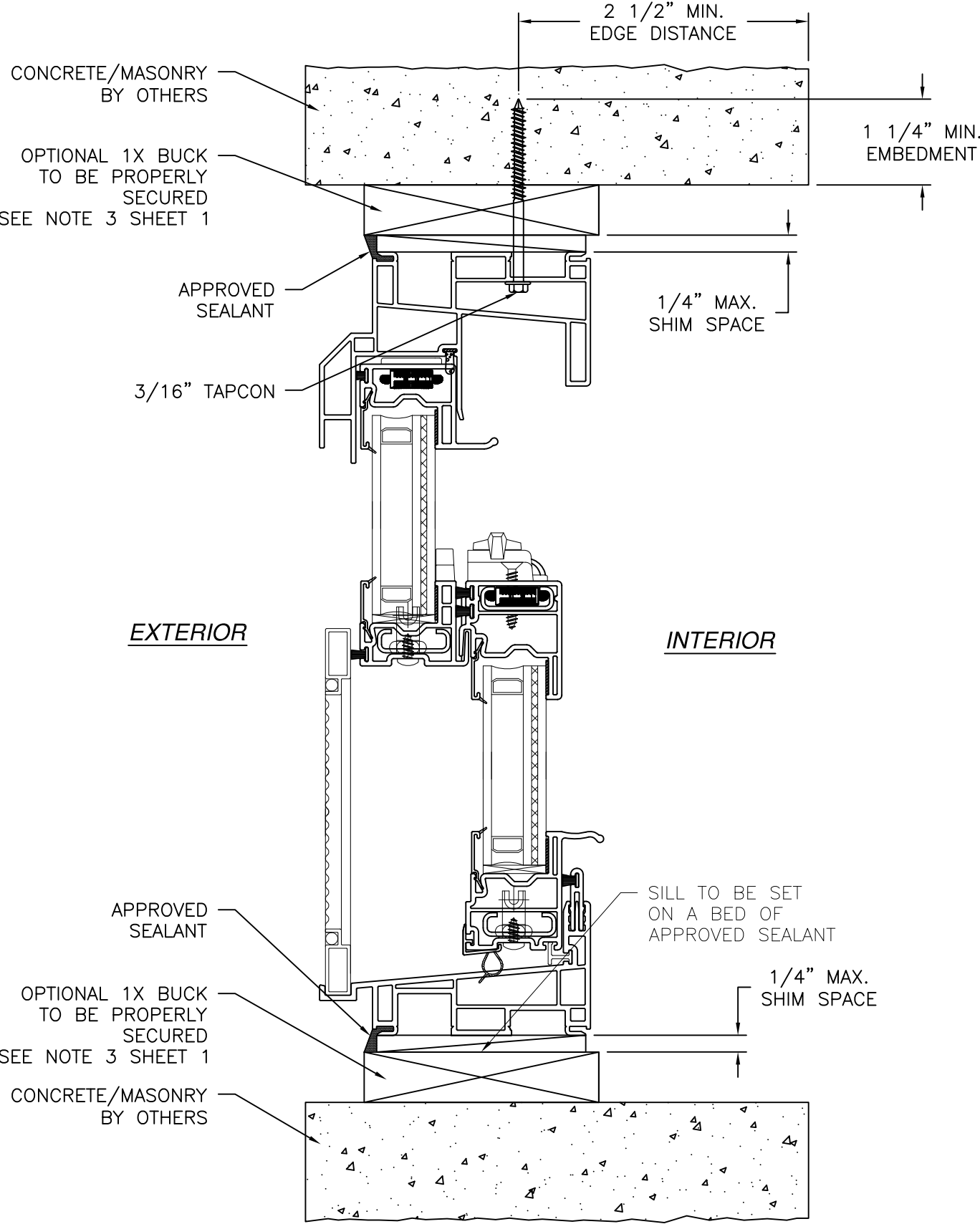
DATE
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SHEET
4 OF 7

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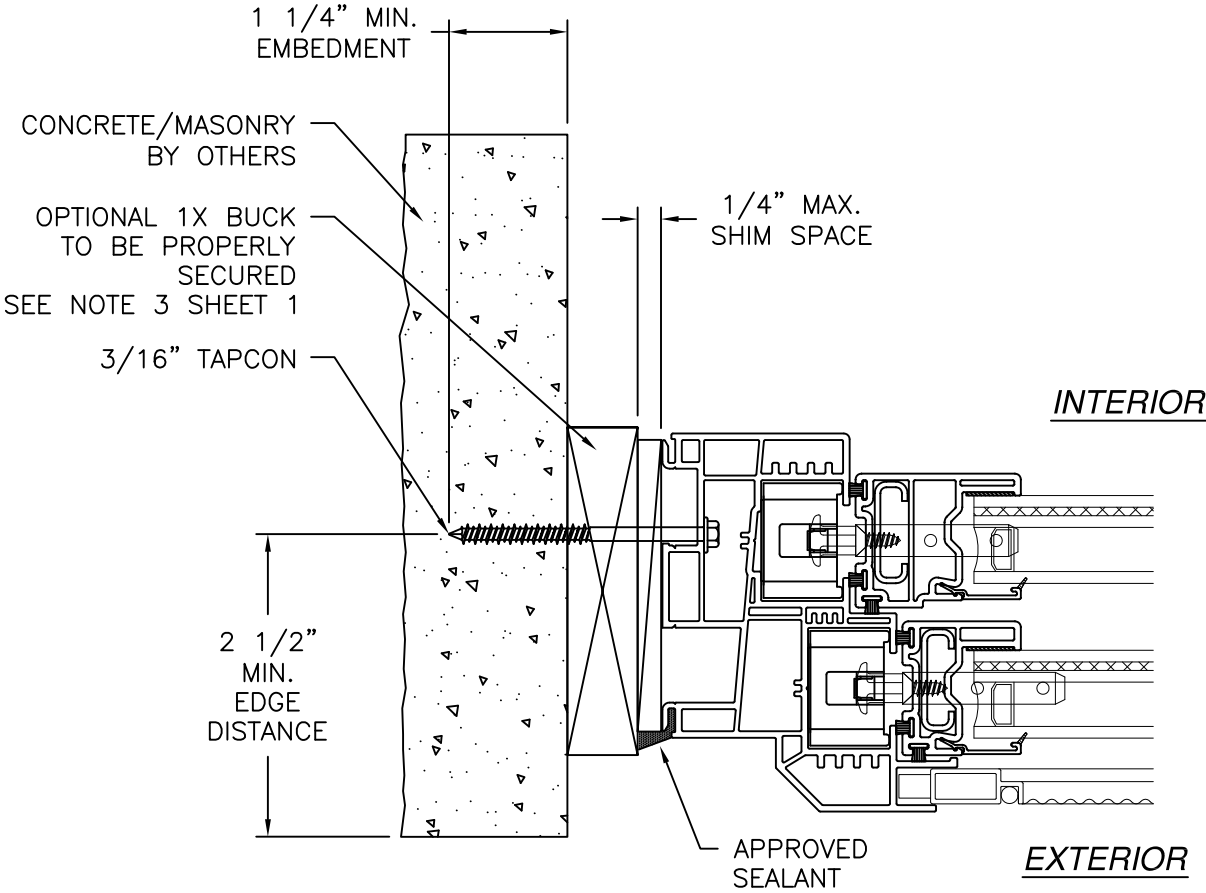


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VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

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JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

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SIGNED: 03/28/2017

VIWINCO INC.

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MORGANTOWN, PA 19543

OCEANVIEW ORIEL IMPACT DOUBLE HUNG WINDOW
36" X 66"
FRAME INSTALLATION DETAILS

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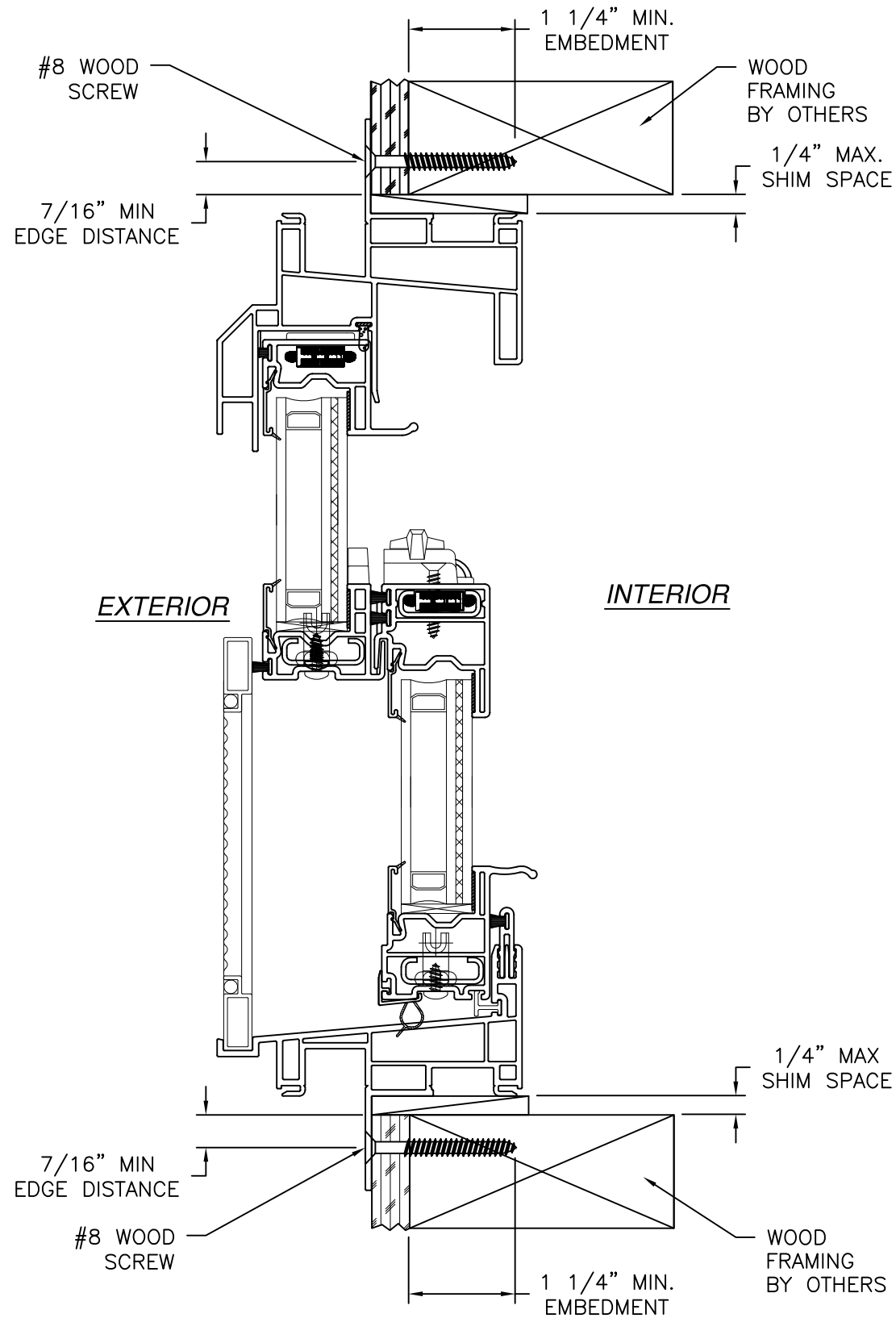
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5 OF 7

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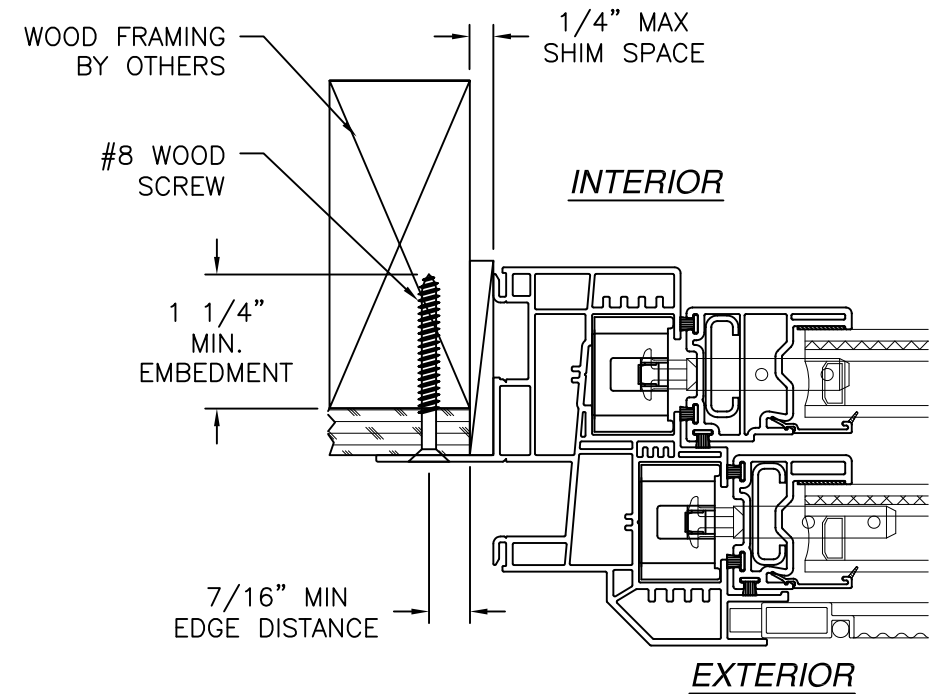


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FL No.: 62514



VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION

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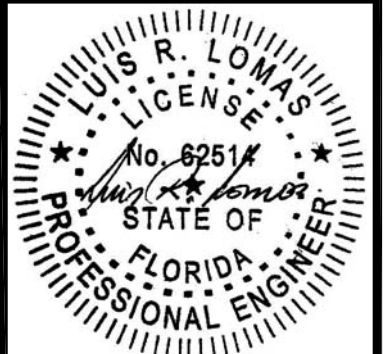
JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:

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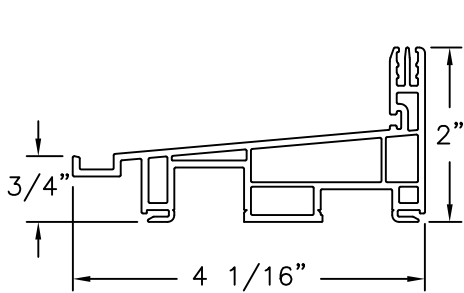
SIGNED: 03/28/2017

VIWINCO INC. P.O. BOX 499 MORGANTOWN, PA 19543		
OCEANVIEW ORIEL IMPACT DOUBLE HUNG WINDOW 36" X 66" FIN INSTALLATION DETAILS		
DRAWN: A.S.	DWG NO. 08-01478	REV B
SCALE NTS	DATE 03/05/12	SHEET 6 OF 7
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com		

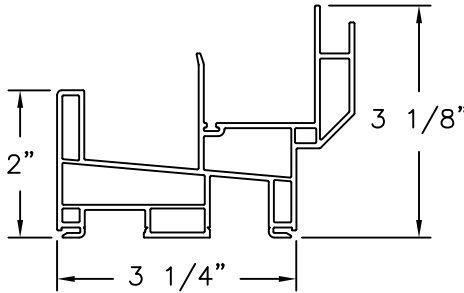


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FL No.: 62514

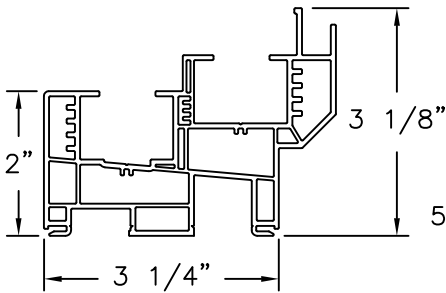
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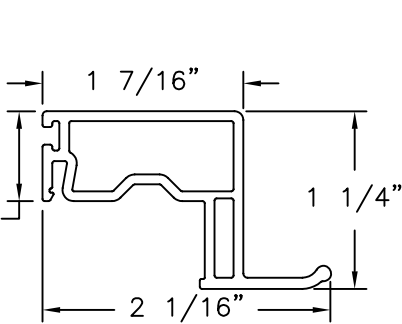
Frame Sill
VINYL PVC .069 THICK



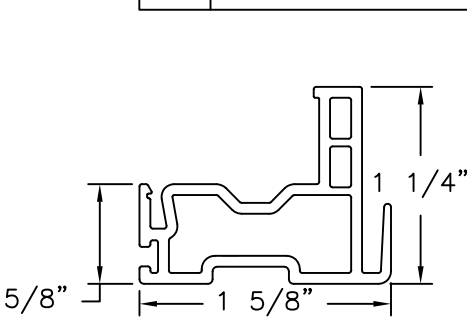
Frame Head
VINYL PVC .069 THICK



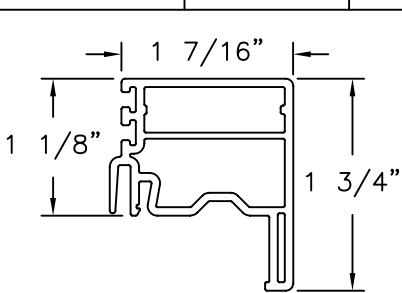
Frame Jambs
VINYL PVC .069 THICK



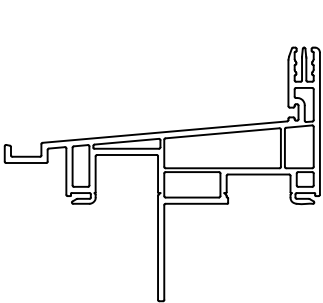
Upper Sash Lift Rail
VINYL PVC .059 THICK



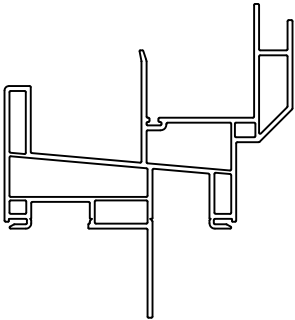
Upper Sash Meeting Rail
VINYL PVC .059 THICK



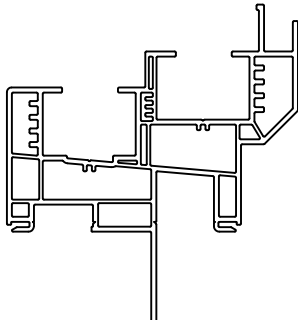
Lower Sash Meeting Rail
VINYL PVC .059 THICK



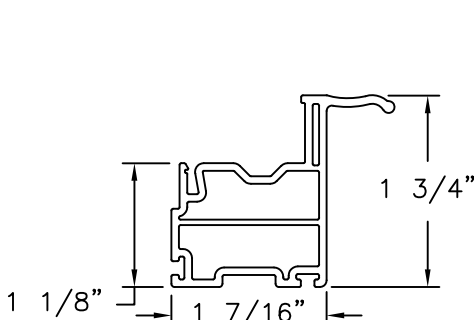
Frame Sill (Nailing Fin)
VINYL PVC .069 THICK



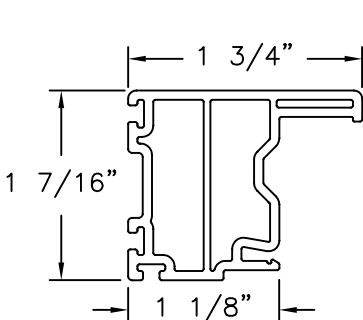
Frame Head (Nailing Fin)
VINYL PVC .069 THICK



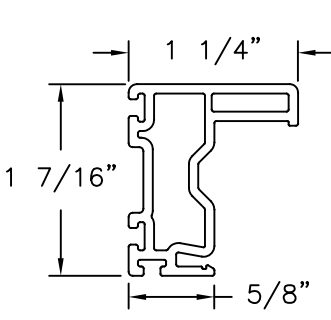
Frame Jambs (Nailing Fin)
VINYL PVC .069 THICK



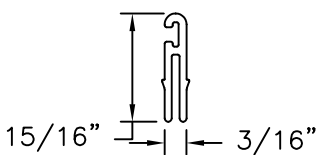
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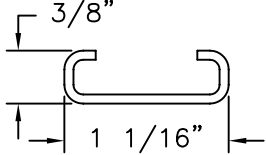
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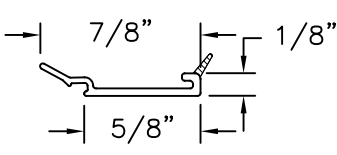
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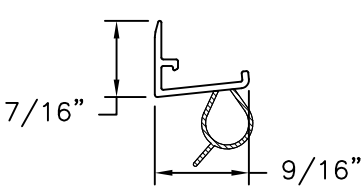
Sill Riser
VINYL PVC .059 THICK



Reinforcement
Aluminum, 6105 T5 Anodized
.060 THICK



Glazing Bead
VINYL PVC .059 THICK



Bulb Seal
VINYL PVC .059 THICK

SIGNED: 03/28/2017

VIWINCO INC. P.O. BOX 499 MORGANTOWN, PA 19543		
OCEANVIEW ORIEL IMPACT DOUBLE HUNG WINDOW 36" X 66" COMPONENTS		
DRAWN: A.S.	DWG NO. 08-01478	REV B
SCALE NTS	DATE 03/05/12	SHEET 7 OF 7
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		



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