

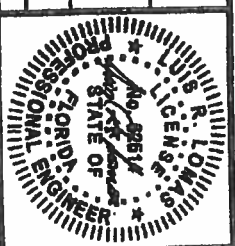
FL #	Model, Number or Name	Description
16475.1	SH400 SINGLE HUNG WINDOW	SH400 SINGLE HUNG WINDOW - 40"x63" NON-IMPACT
<b>Limits of Use</b> Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: +35/-35 Other:		<b>Certification Agency Certificate</b> <a href="#">FL16475_R0_C_CAC_168-176.pdf</a> <b>Quality Assurance Contract Expiration Date</b> 03/22/2017 <b>Installation Instructions</b> <a href="#">FL16475_R0_II_08-02098.pdf</a> Verified By: Luis Roberto Lomas 62514 Created by Independent Third Party: Yes <b>Evaluation Reports</b> <a href="#">FL16475_R0_AE_512812.pdf</a> Created by Independent Third Party: Yes

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

- 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. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR  $C_d=1.6$  WAS USED FOR WOOD ANCHOR CALCULATIONS.
  5. FRAME MATERIAL: EXTRUDED RIGID PVC.
  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 1/4".
  9. FOR ANCHORING 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 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 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.
  13. 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, 3XSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

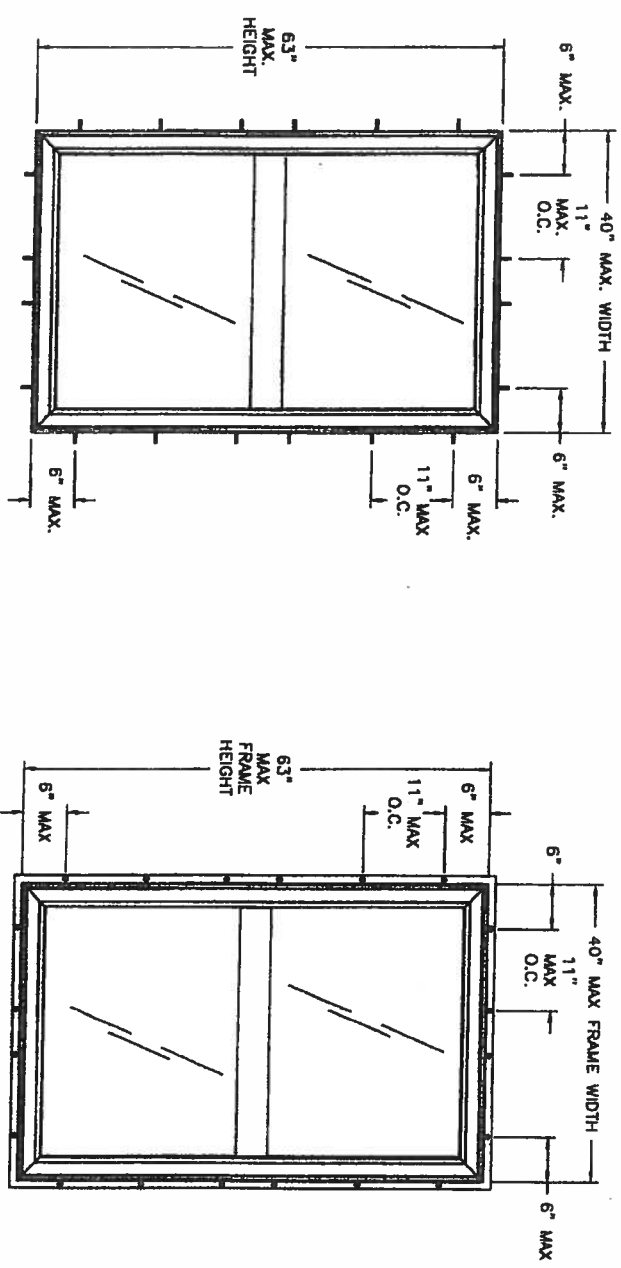
TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 - 5	INSTALLATION DETAILS

<b>MAGNOLIA WINDOW &amp; DOOR</b> 420 INDUSTRIAL BOULEVARD BALDWIN, GA 30511			
SH400 SINGLE HUNG 40" x 63" NON-IMPACT NOTES			
DRAWN: V.L.	DWG NO. 08-02098	REV -	SCALE NTS
DATE 06/27/13	SHEET 1 OF 5		



SIGNED: 06/27/2013

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



SH400 SINGLE HUNG WINDOW  
EXTERIOR VIEW FRAME INSTALLATION

SH400 SINGLE HUNG WINDOW  
EXTERIOR VIEW MILING FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±35.0PSF	NONE

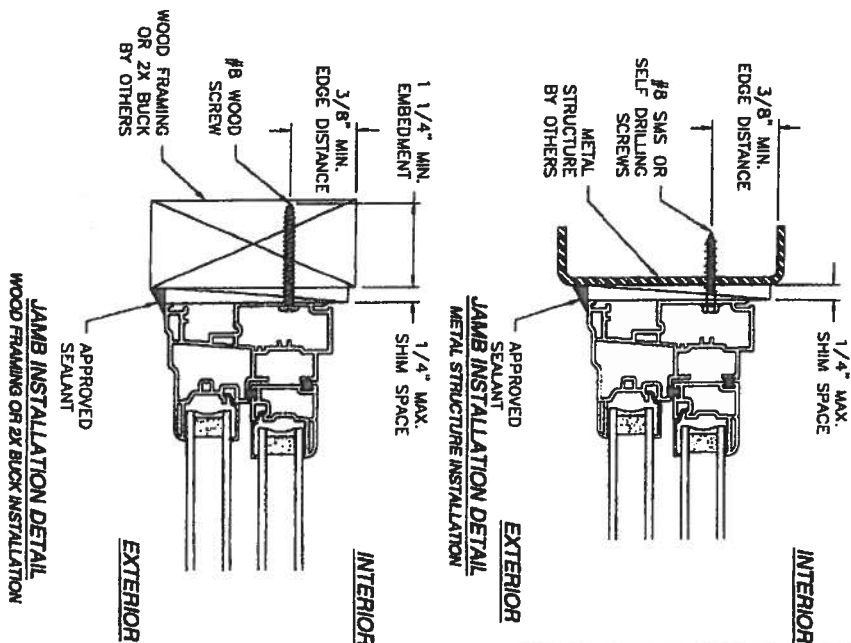
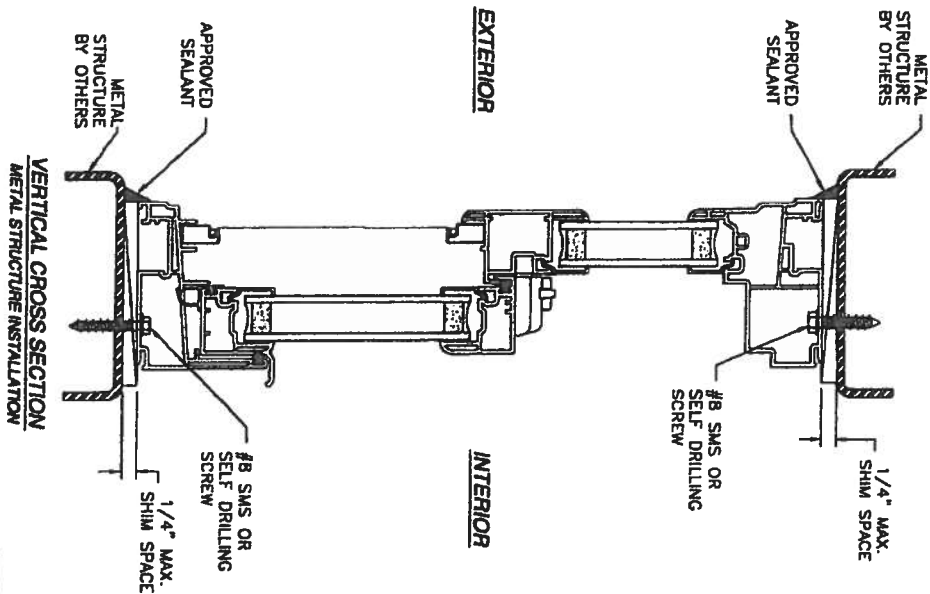
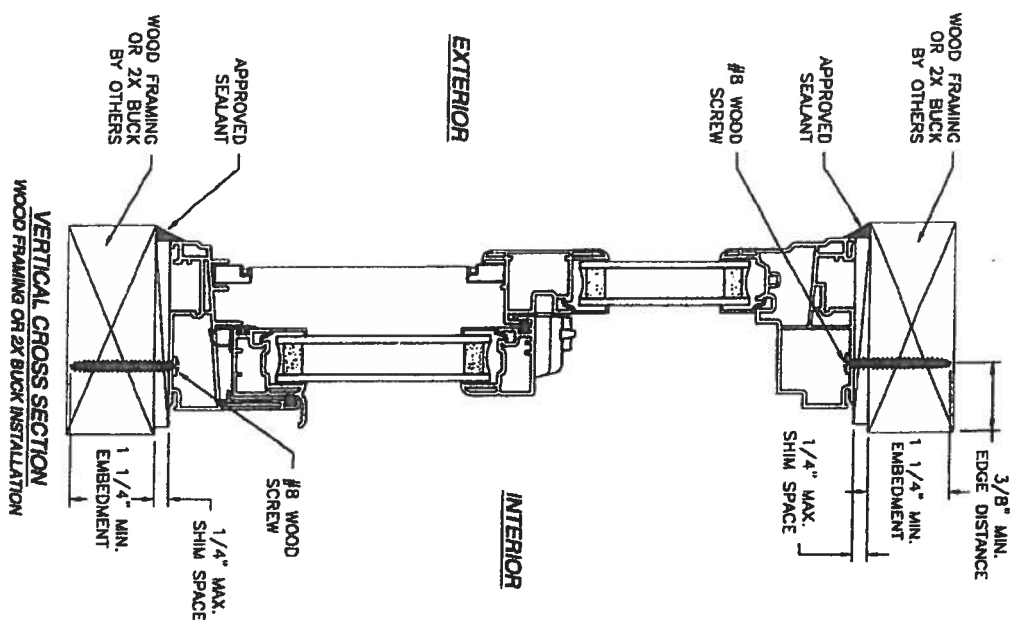
MAGNOLIA WINDOW & DOOR  
420 INDUSTRIAL BOULEVARD  
BALDWIN, GA 30511

SH400 SINGLE HUNG 40" x 63"  
NON-IMPACT  
ELEVATIONS

DRAWN: V.L.  
DATE: 08/27/13  
SCALE: NTS

DWG NO.: 08-02098  
SHEET 2 OF 5

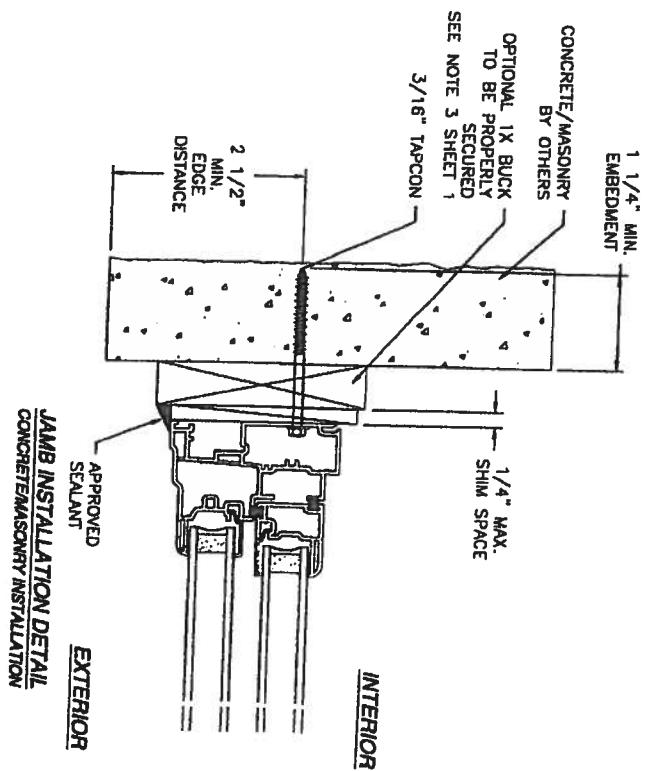
REV: -



NOTE:  
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT  
SHOWN FOR CLARITY.

MAGNOLIA WINDOW & DOOR		420 INDUSTRIAL BOULEVARD BALDWIN, GA 30511	
SH400 SINGLE HUNG 40" x 63"		NON-IMPACT INSTALLATION DETAILS	
DATE	08/27/13	SHEET	3 OF 5
SCALE	NTS	REV	-

Professional Engineer  
State of Georgia  
No. 8816  
L. R. LOWMEYER



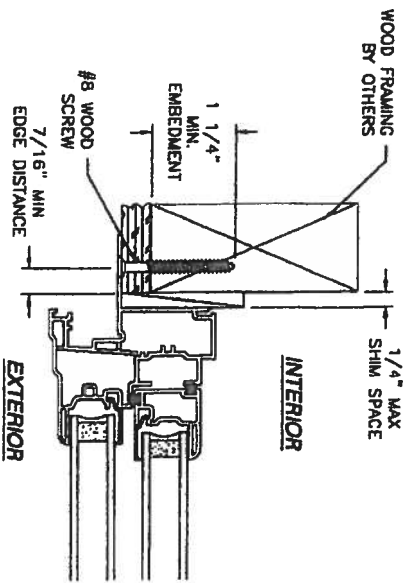
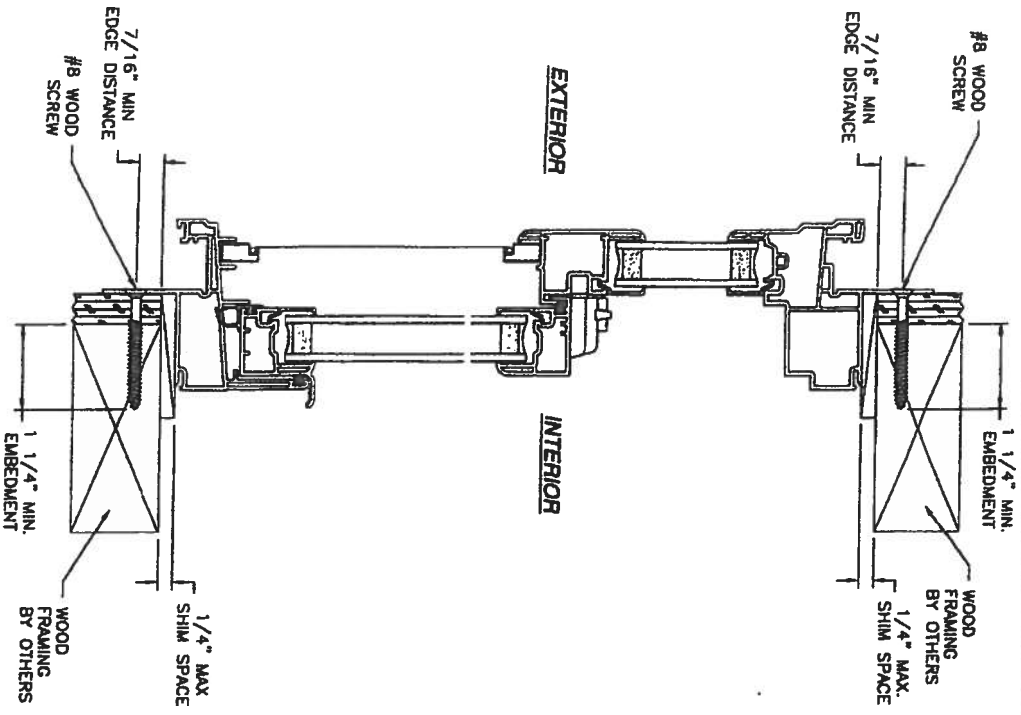
**MAGNOLIA WINDOW & DOOR**  
420 INDUSTRIAL BOULEVARD  
BALDWIN, GA 30511

**SH400 SINGLE HUNG 40" x 63"  
NON-IMPACT  
INSTALLATION DETAILS**

DRAWING: V.L.		DWG. NO. 08-02098		REV --
SCALE NTS	DATE 06/27/13	SHEET 4 OF 5		



REVISIONS			DATE	APPROVED
REV	DESCRIPTION			



NOTE:  
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT  
SHOWN FOR CLARITY.

MAGNOLIA WINDOW & DOOR	
420 INDUSTRIAL BOULEVARD	
BALDWIN, GA 30511	
SH400 SINGLE HUNG 40" x 63"	
NON-IMPACT	
INSTALLATION DETAILS	
DRAWN: V.L.	DATE: 08/27/13
DWG NO.: 08-02098	SHEET 5 OF 5

