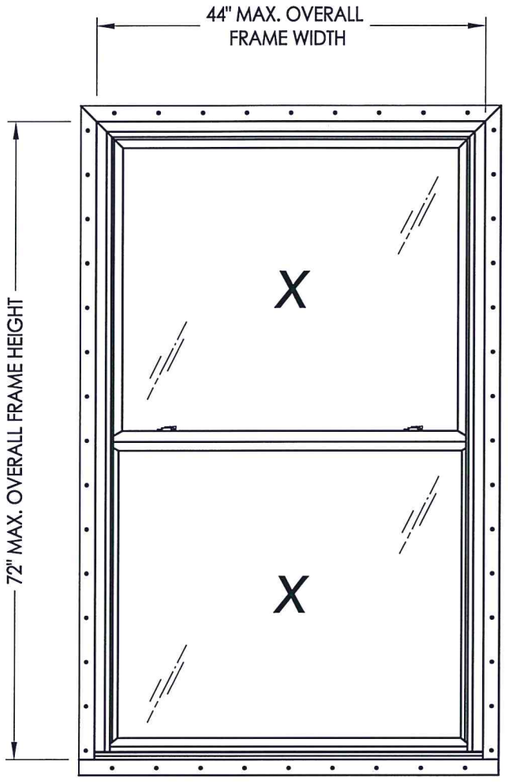
ASSOCIATED MATERIALS
INCORPORATED
3773 STATE ROAD
CUYAHOGA FALLS, OH 44223

MODEL "i"301 / "i"301 HP
DOUBLE HUNG WINDOW
"NON-IMPACT"



EVALUATED FOR USE IN THE STATE OF TEXAS

The Double Hung Window described herein complies with the 2006 International Residential Code (IRC), Sections R301 & R613 and the 2006 International Building Code (IBC), Sections 1405.12, 1609, 1714.5, 2403 and 2404 (including Texas revisions) subject to the following conditions:

1. Anchors shall be as listed and spaced as shown in the details. Anchor embedment to base material shall be beyond wall dressing or stucco.
2. When used in areas requiring wind-borne debris protection this product is required to be protected with an impact resistant covering that complies with Section R301.2.1.2 of the IRC and Section 1609.1.2 of the IBC.
3. Allowable design pressure requirements must be equal to or less than the design pressure rating shown in the design pressure chart, sheet 1 of this drawing.
4. Conditions not covered by this drawing are subject to further engineering analysis.

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SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections & frame anchoring
3	Bill of materials, glazing detail and components

OVERALL FRAME DIMENSION	OVERALL D.L.O. (TOP)	OVERALL D.L.O. (BOTTOM)	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
44.0" x 72.0"	37.87" x 31.62"	38.87" x 32.62"	G1	+50.0	-50.0

STATE OF TEXAS
LYNDON F. SCHMIDT
104123
LICENSED PROFESSIONAL ENGINEER
5.27.15

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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: DOUBLE HUNG WINDOW
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 5/27/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4539
SHEET 1 OF 3

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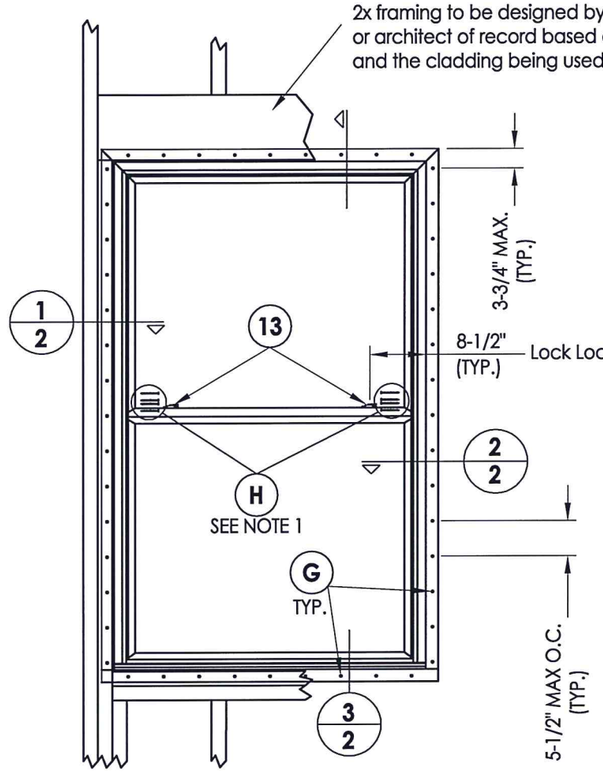
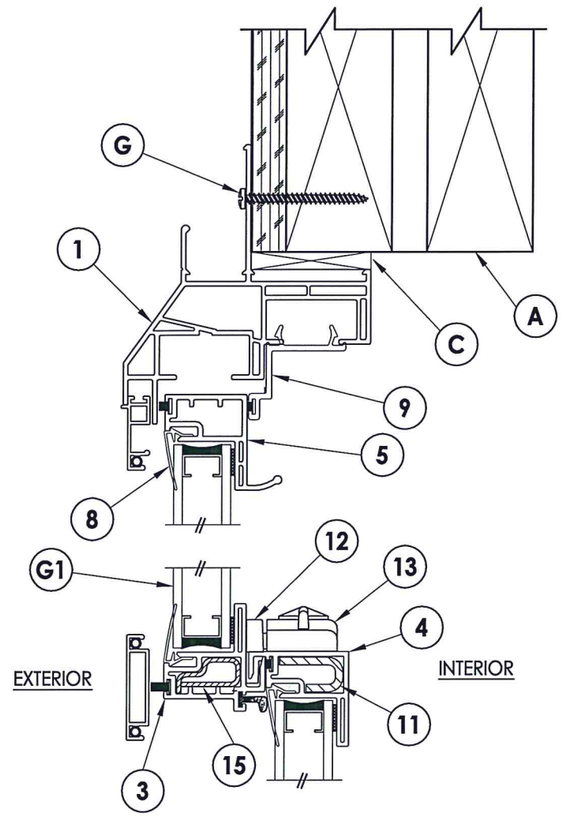
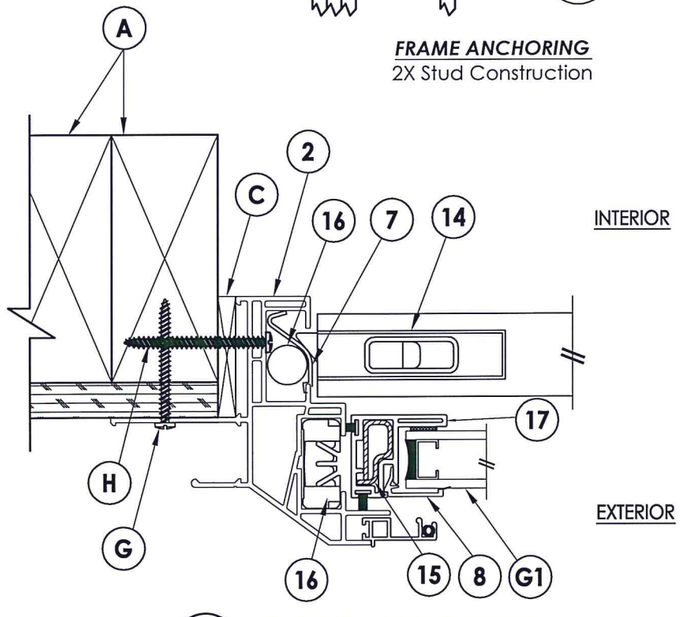


NOTE:

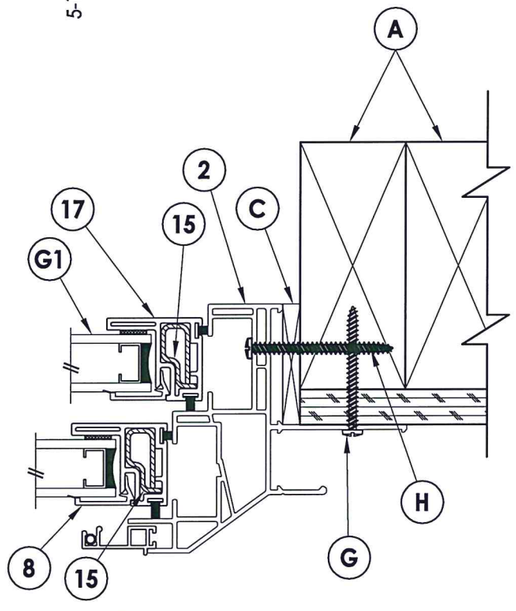
1. IMPACT HOOK/JAMB SCREWS: Two (2) thru impact hook plus one (1) each located 1" above and below impact hook (4 screws each side - 8 total).

FRAME ANCHORING
2X Stud Construction

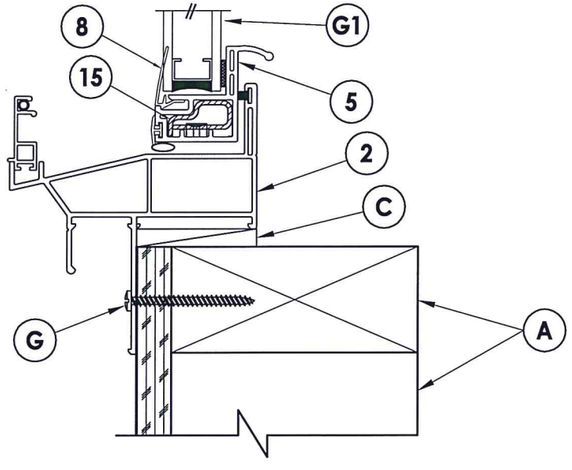




1/2 ***HORIZONTAL CROSS SECTION***



2/2 ***HORIZONTAL CROSS SECTION***



3/2 ***VERTICAL CROSS SECTION***

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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: *DOUBLE HUNG WINDOW*

PART OR ASSEMBLY: *VERTICAL & HORIZONTAL CROSS SECTIONS & FRAME ANCHORING*

NO.	DATE	REVISIONS	BY

DATE: 5/27/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4539
SHEET 2 OF 3

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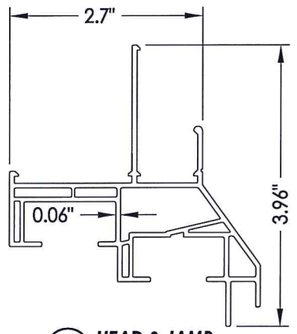
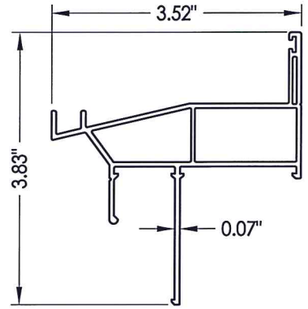
R:\Clients\Associated PERMANENT\Texas Dept of Ins\Double Hung\Model i301-i301HP DH Windows\C - Drawings\TX-4539.dwg, 2.1

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (SG => 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
G	#8 X 1-3/4" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
H	#8 X 2" PPH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
1	EXTRUDED VINYL HEAD & JAMB*	RIGID PVC
2	EXTRUDED VINYL SILL *	RIGID PVC
3	EXTRUDED VINYL MEETING RAIL *	RIGID PVC
4	EXTRUDED VINYL LOCK RAIL *	RIGID PVC
5	EXTRUDED VINYL TOP / BOTTOM SASH *	RIGID PVC
7	BALANCE COVER	-
8	GLAZING BEADS *	RIGID PVC
9	HEAD ADAPTOR *	RIGID PVC
11	LOCK RAIL REINFORCEMENT	STEEL
12	KEEPER	STEEL
13	SWEEPER LOCK	STEEL
14	TILT LATCH	-
15	SASH STILE & RAIL REINFORCEMENT	STEEL
16	BALANCE SHOE	-
17	SASH STILE*	RIGID PVC
18	PIVOT BAR	-

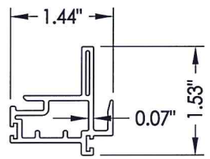
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



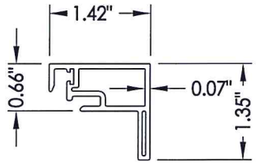
1 HEAD & JAMB



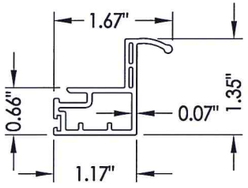
2 SILL



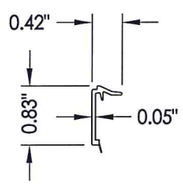
3 MEETING RAIL

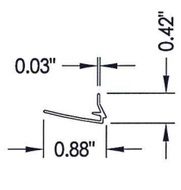


4 LOCK RAIL

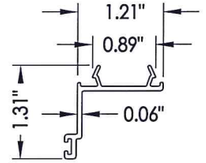


5 TOP/ BOTTOM SASH

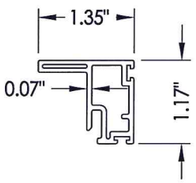




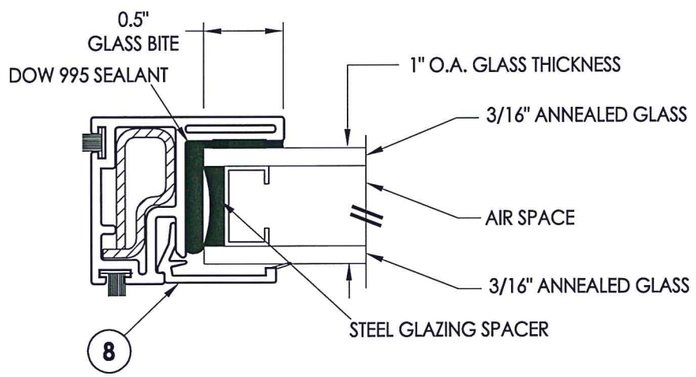
8 GLAZING BEADS



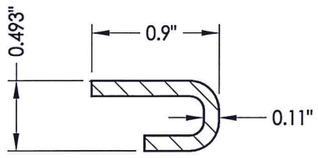
9 HEAD ADAPTOR



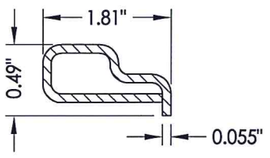
17 SASH STILE



G1 GLAZING DETAIL



11 LOCK RAIL REINFORCEMENT



15 SASH STILE & RAIL REINFORCEMENT

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TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

STATE OF TEXAS * LYNDON F. SCHMIDT 104123 LICENSED PROFESSIONAL ENGINEER 5.27.15

PRODUCT: DOUBLE HUNG WINDOW

PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS & GLAZING DETAIL

NO.	DATE	BY	REVISIONS

DATE: 5/27/15
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4539
SHEET 3 OF 3

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