



COMPARATIVE ANALYSIS & ANCHOR CHART

WINDOW SIZE (INCHES)	DESIGN PRESSURE CAPACITY IN PSF		NO. OF #8 SCREWS REQ'D. IN FRAME			NO. OF 0.090 DIA. NAILS REQ'D. IN FRAME		
	EXTERIOR	INTERIOR	HEAD	SILL	@ EA. JAMB	HEAD	SILL	@ EA. JAMB
16 X 30	109	109	2	2	2	2	2	3
16 X 40	83	83	2	2	3	2	2	3
16 X 50	63	63	2	2	3	2	2	3
16 X 60	50	50	2	2	3	2	2	3
20 X 30	86	86	2	2	2	2	2	3
20 X 40	73	73	2	2	3	2	2	4
20 X 50	59	59	2	2	3	2	2	4
20 X 60	48	48	2	2	3	2	2	4
28 X 30	57	57	2	2	2	2	2	2
28 X 40	52	52	2	2	3	2	2	3
28 X 50	46	46	2	2	3	2	2	4
28 X 60	40	40	2	2	3	2	2	4
30 X 30	52	52	2	2	2	2	2	2
30 X 40	49	49	2	2	3	2	2	3
30 X 50	43	43	2	2	3	2	2	4
30 X 60	40	40	2	2	3	2	2	4
38 X 30	41	41	3	3	2	2	2	2
38 X 40	40	40	3	3	3	3	3	3
38 X 50	40	40	3	3	3	3	3	4
38 X 60	40	40	3	3	3	3	3	5
40 X 30	40	40	3	3	2	3	3	2
40 X 40	40	40	3	3	3	3	3	3
40 X 50	40	40	3	3	3	3	3	4
40 X 60	40	40	3	3	3	3	3	5
53 X 72	40	40	3	3	4	4	4	7

- 1) SHIM AS REQ'D. ADJACENT TO EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM MAX. ALLOWABLE SHIM STACK TO BE 1/4".
- 2) WINDOW FRAME MATERIAL: ALUMINUM ALLOY 6063.
- 3) USE LATEX CAULK BEHIND WINDOW FIN AT HEAD, SILL & JAMBS.
- 4) USE LATEX CAULK FOR PERIMETER SEAL AROUND EXTERIOR OF WINDOW FLANGE.
- 5) GLASS THICKNESS MAY VARY PER THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SINGLE GLAZING IS SHOWN, INSULATING GLASS IS ALSO QUALIFIED.
- 6) WHERE WATER RESISTANCE TEST REQUIREMENT OF 15% OF DESIGN LOAD APPLIES, POSITIVE DESIGN LOADS WILL BE LIMITED TO 40.0 PSF DUE TO WATER TEST PRESSURE OF 6.0 PSF ACHIEVED IN TEST.
- 7) INSTALLATION: FIN FRAME WINDOW IN WOOD FRAME OPENING WITH TWO BY WOOD STUDS, USING 0.090 IN. DIA NAILS OR #8 SCREWS OF SUFFICIENT LENGTH TO PROVIDE MIN. 1" EMBEDMENT INTO SUBSTRATE.
- 8) IF EXACT WINDOW SIZE IS NOT LISTED IN ANCHOR CHART, USE ANCHOR QUANTITY LISTED WITH NEXT LARGER SIZE.
- 9) GENERAL ALUMINUM'S 1140 SERIES SINGLE HUNG IS SHOWN. THIS PRINT ALSO APPLIES TO THE 1940 INSULATING GLASS SINGLE HUNG SERIES.

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DRAWING DESCRIPTION			
ASSEMBLY DRAWING			
SERIES 1140/1940 TDL SINGLE HUNG WINDOW			
DRAWN BY	CHKD BY	SCALE	
BB		N/A	
COLOR		DATE	DWG NUMBER
-		11/05/01	B GEN-0013