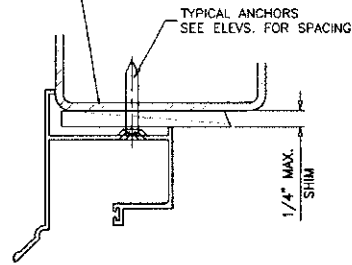


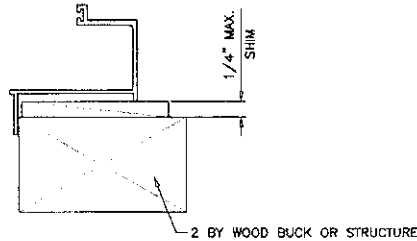
METAL FL # 0027689  
 (STEEL OR ALUM. 1/8" MIN. THICK)  
 STEEL :  $F_y = 36$  KSI MIN.  
 ALUMINIUM : 6063-T5 MIN.



**FLANGE FRAME WINDOW**

FAILURE TO SUPPORT THE FRAME USING SHIMS AT EACH FASTENER MAY RESULT IN GLASS BREAKAGE. INSTALLER MUST USE A HIGH-QUALITY, ADHESIVE CAULK UNDER THE FIN OR FLANGE.

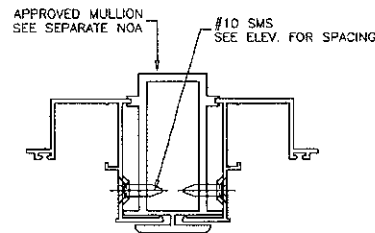
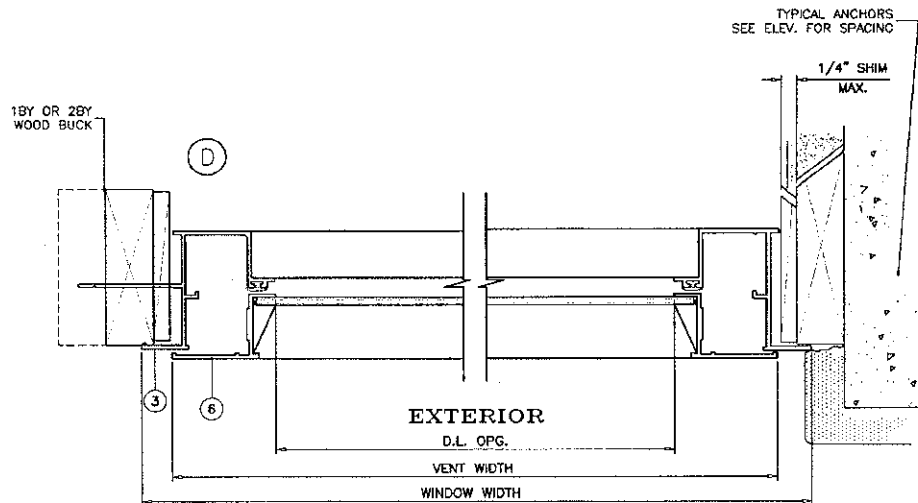
**ANCHORS TO BE SPACED AS FOLLOWS:**  
 -ALL ANCHORS NO MORE THAN 4" FROM EACH CORNER.  
 -1/4" MASONRY ANCHORS TO BE NO LESS THAN 23" CENTER TO CENTER, OR AT PRE-PUNCHED LOCATIONS.  
 -SM SCREWS INSTALLED THROUGH FIN FRAMES TO BE NO LESS THAN 22" CENTER TO CENTER.  
 -DECKING SCREWS INSTALLED THROUGH FIN FRAMES TO BE NO LESS THAN 10" CENTER TO CENTER.



**TYPICAL ANCHORS:**

- 1/4" TAPCONS  
OR EQUIV. MASONRY ANCHORS
- INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
- 1-3/8" MIN. PENETRATION INTO WOOD
- THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
- 1-1/4" MIN. EMBED INTO MASONRY
- DIRECTLY INTO CONCRETE
- 1-1/4" MIN. EMBED INTO CONC.
- 3/16" DRILLFLEX SELF DRILLING SCREWS
- INTO METAL FL # 0027689 (1/8" MIN. THICKNESS)
- #10 SMS
- INTO APPROVED MULLIONS (NO SHIM SPACE)

WOOD BUCKS NOT BY NUAIR, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



AND SEALED TO BE VALID.  
 James B. Whittum, P.E.  
 FL # 0027689  
 8533 Acorn Ridge Ct.  
 Tampa, Florida 33625  
 813-926-9719

THIS DOCUMENT MUST BE SIGNED  
*James B. Whittum*  
 SEP 16 2005

INS

**NUAIR**

ALUM AWNING WINDOW (NON-IMPACT)

NUAIR WINDOWS AND DOORS  
 8105 ANDERSON ROAD  
 TAMPA, FL. 33684  
 TEL. (800) 282-6627 FAX (813) 886-9737

|                  |                |
|------------------|----------------|
| revisions:       | by description |
| date: 09/09/05   | not date       |
| scale: 1/2" = 1" |                |
| dr. by: JR       |                |
| chk. by:         |                |

drawing no. AWN

SHEET 2