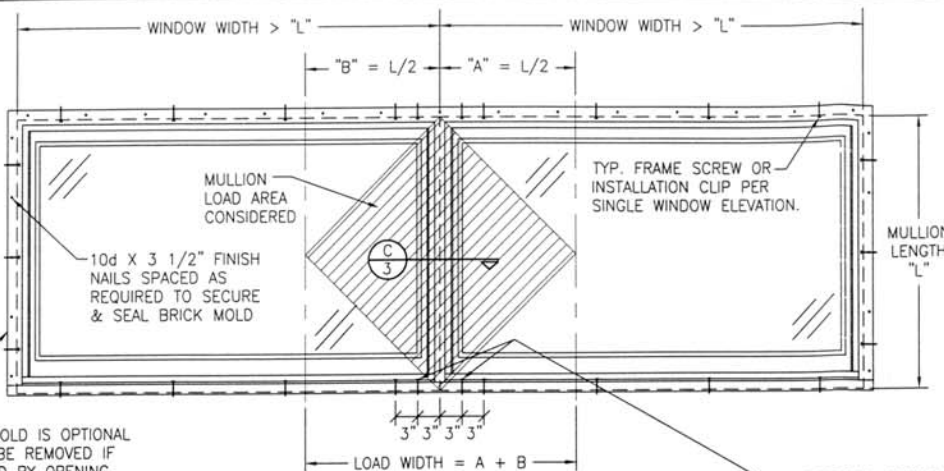




BRICK MOLD IS OPTIONAL & MAY BE REMOVED IF REQUIRED BY OPENING CONDITIONS. (BRICK MOLD SHALL NOT ACT AS A SUBSTITUTE FOR THE FRAME ANCHORS SPECIFIED)

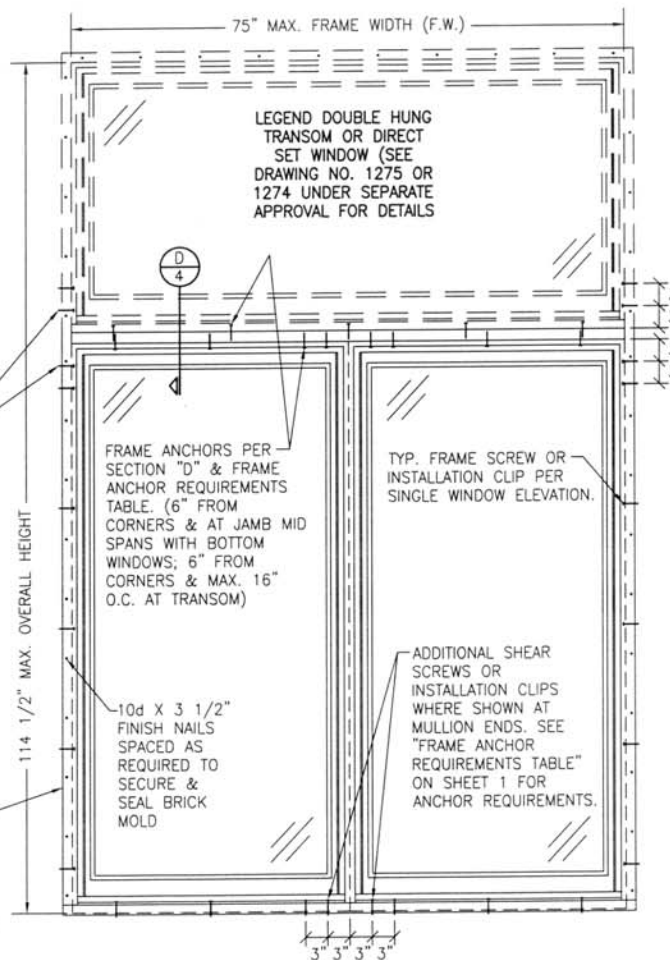
PICTURE WINDOW TO PICTURE WINDOW WHEN WINDOW WIDTHS ARE GREATER THAN THE MULLION LENGTH (SEE MULLION LOAD TABLE)

(DOUBLE WINDOW SHOWN. MORE THAN 2 WINDOWS MAY BE MULLED TOGETHER IN ONE DIRECTION INTO ONE OPENING.)

MULTIPLE UNIT NOTES:

1. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS RESTRICTED BY THE LESSER OF THE INDIVIDUAL WINDOW ALLOWABLE PRESSURE OR THE ALLOWABLE MULLION PRESSURE. SEE MULLION LOAD TABLE ON THIS SHEET FOR ALLOWABLE UNIT PRESSURE.
2. WINDOWS MAY BE STACKED HORIZONTAL ONLY.

ADDITIONAL SHEAR SCREWS OR INSTALLATION CLIPS WHERE SHOWN AT MULLION ENDS. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR ANCHOR REQUIREMENTS.



LEGEND DOUBLE HUNG TRANSOM OR DIRECT SET WINDOW (SEE DRAWING NO. 1275 OR 1274 UNDER SEPARATE APPROVAL FOR DETAILS)

FRAME ANCHORS PER SECTION "D" & FRAME ANCHOR REQUIREMENTS TABLE. (6" FROM CORNERS & AT JAMB MID SPANS WITH BOTTOM WINDOWS; 6" FROM CORNERS & MAX. 16" O.C. AT TRANSOM)

TYP. FRAME SCREW OR INSTALLATION CLIP PER SINGLE WINDOW ELEVATION.

ADDITIONAL SHEAR SCREWS OR INSTALLATION CLIPS WHERE SHOWN AT MULLION ENDS. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR ANCHOR REQUIREMENTS.

EXTERIOR ELEVATION MULTIPLE PICTURE WINDOW WITH TRANSOM SCALE: 3/4"=1'-0"

ALLOWABLE UNIT PRESSURE

AS CONTROLLED BY LESSER OF ALLOWABLE PRESSURE FOR SINGLE WINDOWS & VERTICAL MULLION BUT NOT TO EXCEED +/-33.3 PSF

ALLOWABLE DESIGN PRESSURE FOR MULLED UNITS										
MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	(1) ALLOWABLE PRESSURE (PSF)	MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	(1) ALLOWABLE PRESSURE (PSF)	MAXIMUM MULLION LENGTH (IN.)	MAXIMUM LOAD WIDTH (IN.)	(1) ALLOWABLE PRESSURE (PSF)		
96	30	25.1	78	78	26.7	66	66	40.5		
	24	30.8		72	27.0		60	40.8		
	18	40.6		60	28.8		54	41.9		
90	36	25.9		54	30.5		48	43.7		
	30	30.6		48	32.8		42	46.7		
	24	37.6		42	36.2		36	50.0		
	18	49.3		36	40.8	61.5	61.5	46.6		
84	48	25.7		30	46.7	54	47.3	48	49.0	
	42	28.5		24	50.0	42	50.0	42	50.0	
	36	32.3		72	33.9	54	54	50.0	(1) ALLOWABLE PRESSURE IS FOR BOTH POSITIVE & NEGATIVE	
	30	37.8		66	34.3					
	24	46.4	60	35.0						
	18	50.0	54	36.3						
72			48	38.3						
			42	41.2						
			36	45.4						
			30	50.0						

BRICK MOLD IS OPTIONAL & MAY BE REMOVED IF REQUIRED BY OPENING CONDITIONS. (BRICK MOLD SHALL NOT ACT AS A SUBSTITUTE FOR THE FRAME ANCHORS SPECIFIED)

DRAWN BY: K.F.S.		CHECKED BY: W.S.	
PLOT: 1-16		DATE: 03/23/04	
DATE	BY	REVISION	DESCRIPTION
DRAWING TITLE: LEGEND DOUBLE HUNG PICTURE WINDOWS			
CONSULTANTS:		MANUFACTURER:	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		WINDSOR WINDOWS & DOORS	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-773-4802 FAX: 561-773-4803		900 S. 19TH STREET WEST DES MOINES, IA 50265 800-218-6186	
CERTIFICATION:		REV:	
APR 15 2004		1277	
WARREN W. SCHAEFER, P.E.		SHEET NO. 2 OF 4	

CONTINUOUS SEALANT BEHIND BRICK MOLD BY OTHERS

BRICK MOLD NAIL PER ELEVATIONS

SEALANT BY OTHERS

BRICK MOLD & NAILS ARE OPTIONAL & SHALL NOT REPLACE FRAME ANCHORS. (TYP.)

SILICONE SEALANT BETWEEN SURFACES

FRAME SCREW PER ELEVATIONS

MIN. 2X4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS

WOOD HEAD JAMB

1/4" MAX. SHIM AT EACH ANCHOR

SEE GLAZING
DETAIL ON
SHEET 4

EXTERIOR

FRAME HEIGHT (F.H.)

SILICONE OVER SCREW HEADS TO SEAL

CELLULAR PVC SILL

SILICONE SEALANT BETWEEN SURFACES

BRICK MOLD & NAILS ARE OPTIONAL & SHALL NOT REPLACE FRAME ANCHORS. (TYP.)

SEALANT BY OTHERS

FRAME SCREW PER ELEVATIONS

1/4" MAX. SHIM

MIN. 2X4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS

CONTINUOUS WOOD OR PVC SHIM TO BE STAPLED, NAILED OR SCREWED TO SILL AS REQUIRED TO SECURE DURING SHIPPING & INSTALLATION

SECTION
SCALE: 1/2 FULL

A
3

1/4" MAX. SHIM AT EACH ANCHOR

FRAME WIDTH (F.W.)

FRAME SCREW PER ELEVATIONS

MIN. 2X4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS

BRICK MOLD NAIL PER ELEVATIONS

CONTINUOUS SEALANT BEHIND BRICK MOLD BY OTHERS

SEALANT BY OTHERS

SEE GLAZING
DETAIL ON
SHEET 4

EXTERIOR

SILICONE SEALANT BETWEEN SURFACES

BRICK MOLD & NAILS ARE OPTIONAL & SHALL NOT REPLACE FRAME ANCHORS. (TYP.)

SECTION
SCALE: 1/2 FULL

B
3

MAY OPTION TO USE NO. 8 X 2" SCREWS WITHIN 6" FROM ENDS & MAX. 16" O.C. EACH SIDE IN LIEU OF CORRUGATED FASTENERS

FRAME STOP

1/2" X 1" CORRUGATED FASTENER AT 4" O.C.

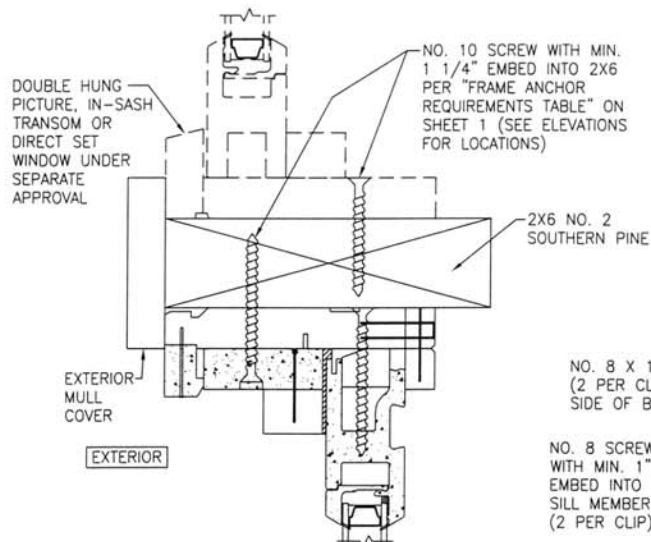
EXTERIOR MULL COVER

FINISH NAILS AT 6" TO 8" O.C.

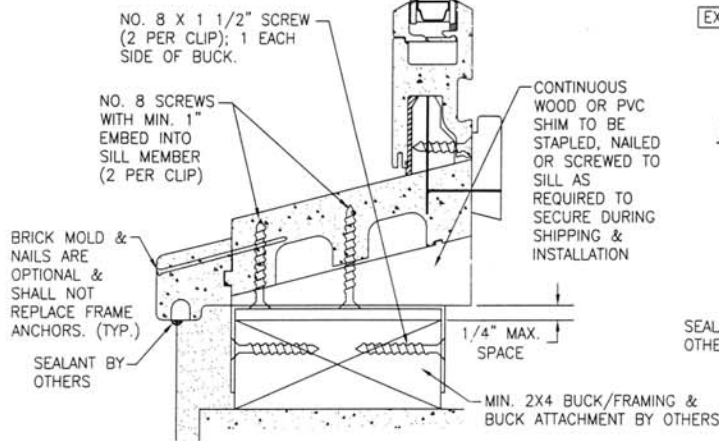
SECTION
SCALE: 1/2 FULL

C
3

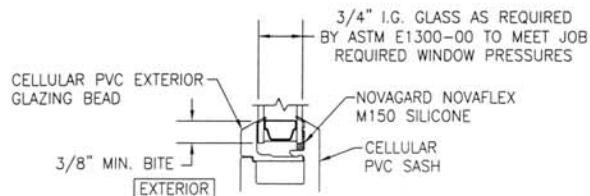
DRAWN BY: K.P.S.		CHECKED BY: M.S.	
PLOT: 1-2		DATE: 03/23/04	
DATE	BY	REVISION	DESCRIPTION
DRAWING TITLE: LEGEND DOUBLE HUNG PICTURE WINDOWS MANUFACTURER: WINDSOR WINDOWS & DOORS 900 S. 19TH STREET WEST DES MOINES, IA 50265 800-218-6186 CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8885 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4982 FAX: 561-775-4903			
CERTIFICATION: APR 15 2004 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1277		REV. 4	
SHEET NO. 3		OF 4	



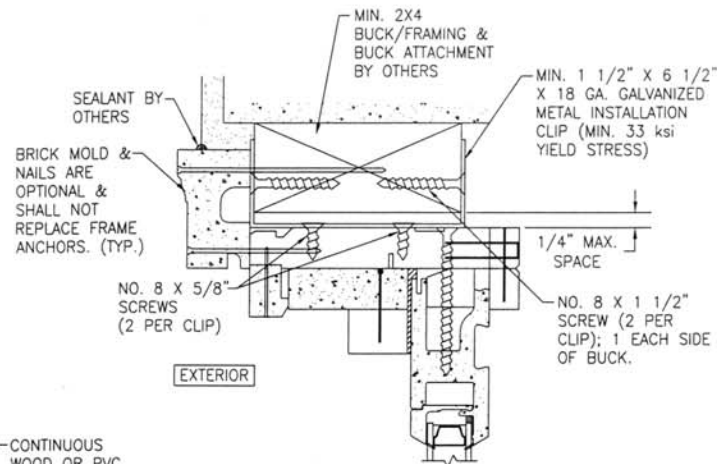
SECTION
SCALE: 1/2 FULL



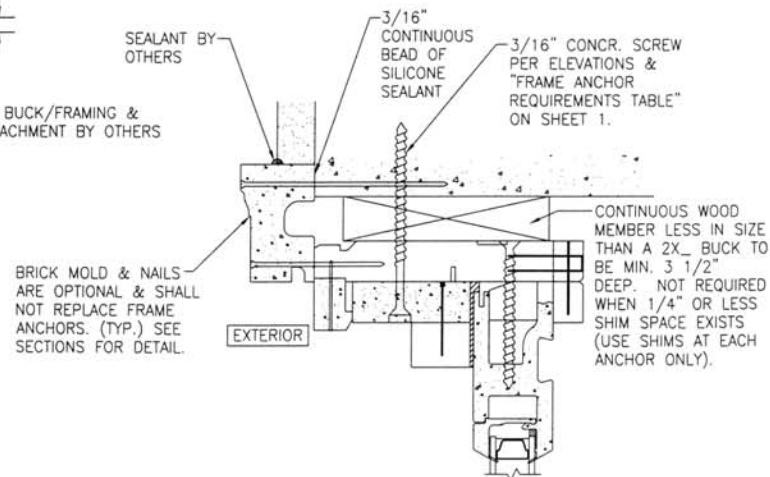
OPTIONAL CLIP MOUNT DETAIL AT SILL



TYPICAL GLAZING DETAIL



OPTIONAL CLIP MOUNT DETAIL AT HEAD & SIDES
HEAD SECTION SHOWN, SIDES SIMILAR



OPTIONAL DIRECT MOUNT DETAIL
TO BLOCK OR CONCRETE WITH SPACER OR SHIM
HEAD SECTION SHOWN, SIDES SIMILAR
(NOT APPLICABLE AT SILL)

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 03/23/04	
DATE		BY	
REVISION DESCRIPTION			
NO.			
DRAWING TITLE		LEGEND DOUBLE HUNG PICTURE WINDOWS	
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		WINDSOR WINDOWS & DOORS	
8805 N. MILITARY TRAIL, SUITE C-204		900 S. 19TH STREET	
PHOENIX, ARIZONA 85028		WEST DES MOINES, IA 50265	
PHONE: 501-775-4902 FAX: 501-775-4903		800-218-6186	
CERTIFICATION			
APR 15 2004			
WARREN W. SCHAEFER, P.E.			
P.E. NO. 41135			
DRAWING NO. 1277		REV.	
SHEET NO. 4		OF 4	