

Table 1 - Verified Installations			
Certification	DP (psf)	WIDTH (in)	HEIGHT (in)
63647 & 65162	+/- 55.0	89	77

- NOTES:
- INSTALLATIONS SHOWN ON THIS DRAWING HAVE BEEN VERIFIED AS THE AS-TESTED INSTALLATION FOR THE PERFORMANCE LEVEL SHOWN. INSTALLATION ANCHOR CAPACITY HAS ALSO BEEN VERIFIED FOR THE ANCHOR SIZE, SUBSTRATE AND INSTALLED CONDITION. VERIFIED PRODUCTS ARE LISTED IN TABLE 1. THIS DRAWING APPLIES ONLY TO THOSE PRODUCTS.
 - MAXIMUM INDIVIDUAL UNIT SIZE FOR THIS APPROVAL SHALL BE 44" X 77" FOR SINGLE HUNG. THIS APPROVAL ALSO QUALIFIES SINGLE WINDOWS COMPLYING WITH THE SAME SIZE RESTRICTIONS.
 - FIN INSTALLATION ANCHORS WILL BE PLACED FULL PERIMETER AROUND THE WINDOW AND SHALL BE #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 3/4" INTO WOOD FRAMING MEMBER. MULL CLIP SCREWS SHALL BE #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1.25" INTO THE WOOD FRAMING MEMBER. WOOD SCREWS SHALL SATISFY NATIONAL DESIGN SPECIFICATION FOR MATERIAL PROPERTIES AND DIMENSIONS. PER NDS-2005 11.1.4.7, EDGE DISTANCES SHALL BE SUFFICIENT TO PREVENT SPLITTING.
 - WOOD FRAMING SHALL BE SPRUCE-PINE-FIR (G=0.42) OR DENSER.
 - FIN INSTALLATION ANCHORS ARE SHOWN GOING THROUGH EXTERIOR FINISH. ANCHORS MAY BE INSTALLED DIRECTLY INTO WOOD FRAMING MEMBER WITH 3/4" MINIMUM EMBEDMENT STILL REQUIRED.
 - INSTALLATION ANCHORS SHALL BE LOCATED 2" FROM CORNERS AND 8" MAXIMUM ON CENTER SPACING.
 - THESE INSTRUCTIONS ADDRESS STRUCTURAL REQUIREMENTS ONLY. WINDOWS SHALL BE INSTALLED PER ASTM E2112 OR FMA/AAMA 100.
 - SMALLER WINDOWS OF THE SAME CONSTRUCTION AND EQUAL OR LESSER DESIGN PRESSURES ARE COVERED BY THIS DRAWING.
 - GLAZING SHALL BE AN INSULATING GLASS UNIT COMPOSED OF 1/8" ANNEALED OR TEMPERED+AIR SPACE+1/8" ANNEALED+0.090" INTERLAYER+1/8" ANNEALED.
 - PRODUCTS LISTED IN TABLE 1 ARE ASTM E1886 & 1996 IMPACT RESISTANT, MISSILE LEVEL "D", ZONE "3".
 - PRODUCT OR INSTALLATION IS NOT APPROVED FOR HIGH VELOCITY HURRICANE ZONE (HVHZ)

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C O M P A N I E S, I N C.

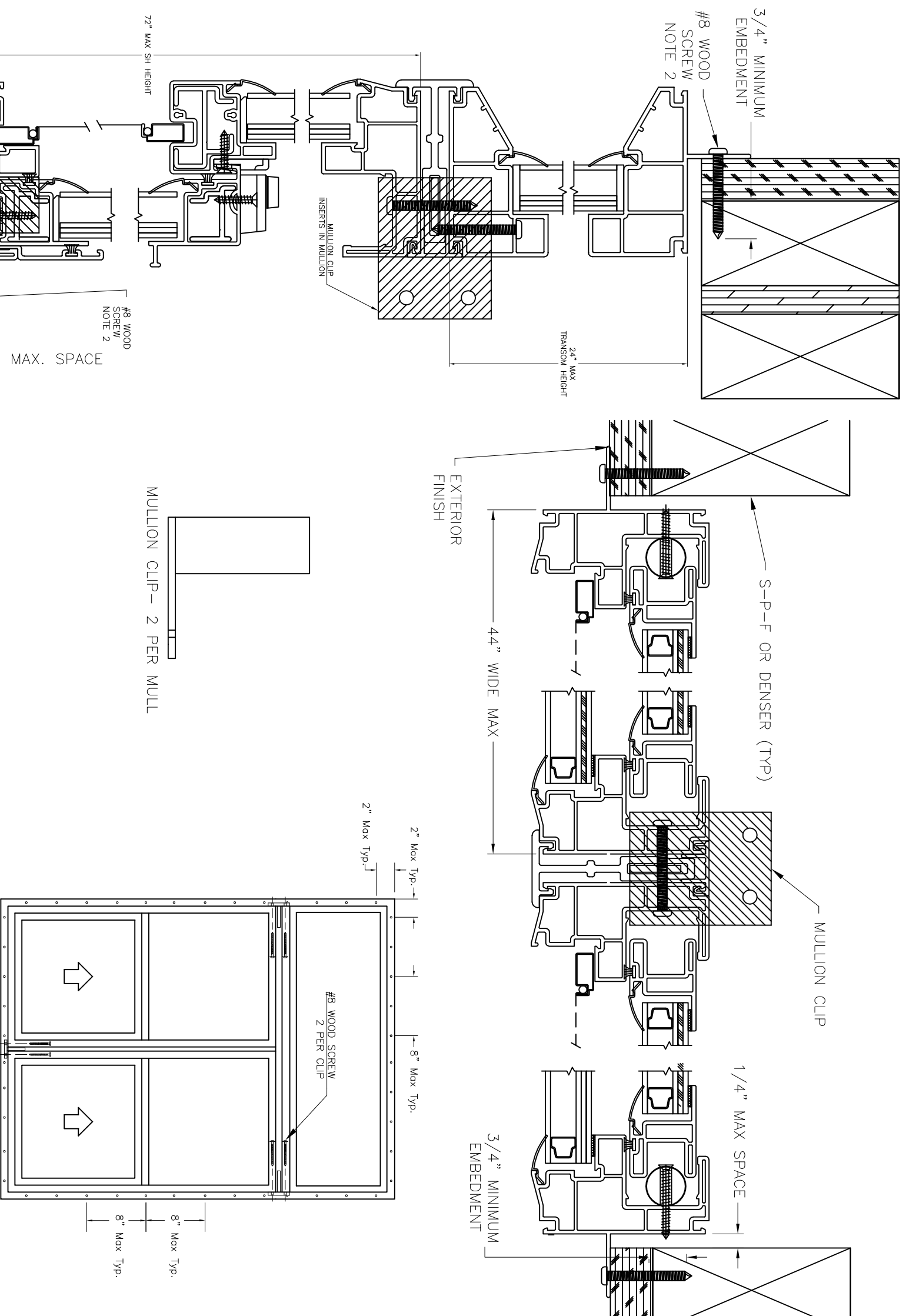
30/8100 SINGLE HUNG TWIN
WOOD FRAME INSTALLATION INSTRUCTIONS

Title:

No.	Date	Revision Description	By	ECN #
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Material (Type-Alloy-Temper): Aluminum 6063-T5	Est. Area (ft ²): NA	Tolerances: XXX = ±X.XX X.XXX = ±X.XXX X.X = ±X.X
Drawn By: JTS	Approved By: DJC	Date: 13 June 2008
ECN# (Initial Issue): ECN-2008-1395BB	File Name: ADW-01_30_230_SH_Installation_Instructions	Scale: 1:2
		Sheet Size: ANSI B
		Sheet 1/1

Table 1 – Verified Installations			
Certification	DP (psf)	WIDTH (in)	HEIGHT (in)
63649 & 70200	+/- 55.0	72	96



- NOTES:
1. INSTALLATIONS SHOWN ON THIS DRAWING HAVE BEEN VERIFIED AS THE AS-TESTED INSTALLATION FOR THE PERFORMANCE LEVEL SHOWN. INSTALLATION ANCHOR CAPACITY HAS ALSO BEEN VERIFIED FOR THE ANCHOR SIZE, SUBSTRATE AND INSTALLED CONDITION. VERIFIED PRODUCTS ARE LISTED IN TABLE 1. THIS DRAWING APPLIES ONLY TO THOSE PRODUCTS.
 2. MAXIMUM INDIVIDUAL UNIT SIZE FOR THIS APPROVAL SHALL BE 44" C 72" FOR SINGLE HUNGS AND 73" X 24" FOR PICTURE WINDOWS. THIS APPROVAL ALSO QUALIFIES SINGLE WINDOWS WITH TRANSOM AND TWIN SINGLE HUNGS COMPLYING WITH THE SAME SIZE RESTRICTIONS.
 3. FIN INSTALLATION ANCHORS WILL BE PLACED FULL PERIMETER AROUND THE WINDOW AND SHALL BE #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 3/4" INTO WOOD FRAMING MEMBER. MULL CLIP SCREWS SHALL BE #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1.25" INTO THE WOOD FRAMING MEMBER. WOOD SCREWS SHALL SATISFY NATIONAL DESIGN SPECIFICATION FOR MATERIAL PROPERTIES AND DIMENSIONS. PER NDS-2005 11.1.4.7, EDGE DISTANCES SHALL BE SUFFICIENT TO PREVENT SPLITTING.
 4. WOOD FRAMING SHALL BE SPRUCE-PINE-FIR (G=0.42) OR DENSER.
 5. FIN INSTALLATION ANCHORS ARE SHOWN GOING THROUGH EXTERIOR FINISH. ANCHORS MAY BE INSTALLED DIRECTLY INTO WOOD FRAMING MEMBER WITH 3/4" MINIMUM EMBEDMENT STILL REQUIRED.
 6. INSTALLATION ANCHORS SHALL BE LOCATED 2" FROM CORNERS AND 8" MAXIMUM ON CENTER SPACING.
 7. THESE INSTRUCTIONS ADDRESS STRUCTURAL REQUIREMENTS ONLY. WINDOWS SHALL BE INSTALLED PER ASTM E2112 OR FMA/AAMA 100.
 8. SMALLER WINDOWS OF THE SAME CONSTRUCTION AND EQUAL OR LESSER DESIGN PRESSURES ARE COVERED BY THIS DRAWING. SINGLE WINDOWS W/ TRANSOM ARE ALSO QUALIFIED.
 9. GLAZING SHALL BE AN INSULATING GLASS UNIT COMPOSED OF 1/8" ANNEALED OR TEMPERED+AIR SPACE+1/8" ANNEALED+0.090" INTERLAYER+1/8" ANNEALED.
 10. PRODUCTS LISTED IN TABLE 1 ARE ASTM E1886 & 1996 IMPACT RESISTANT, MISSILE LEVEL "D", ZONE "3".
 11. PRODUCT OR INSTALLATION IS NOT APPROVED FOR HIGH VELOCITY HURRICANE ZONE (HVHZ)

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ATRIUM

C O M P A N I E S, I N C.

Title: 30/8100 SINGLE HUNG TWIN W/ TRANSOM AND SINGLE W/ TRANSOM WOOD FRAME INSTALLATION INSTRUCTIONS

No.	Date	Revision Description	By	ECN #
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Material (Type-Alloy-Temper): Aluminum 6063-T5	Est. Area (ft ²): NA	Tolerances: XXX = ±X.XXX X.XXX = ±X.XXX X.X = ±X.X
Drawn By: JTS	Approved By: DJC	Date: 13 June 2008
ECN# (Initial Issue): ECN-2008-1395BB	File Name: ADW-01_30_230_SH_Installation_Instructions	Scale: 1:2
		Sheet Size: ANSI B
		Sheet 1/1