



an Andersen Company

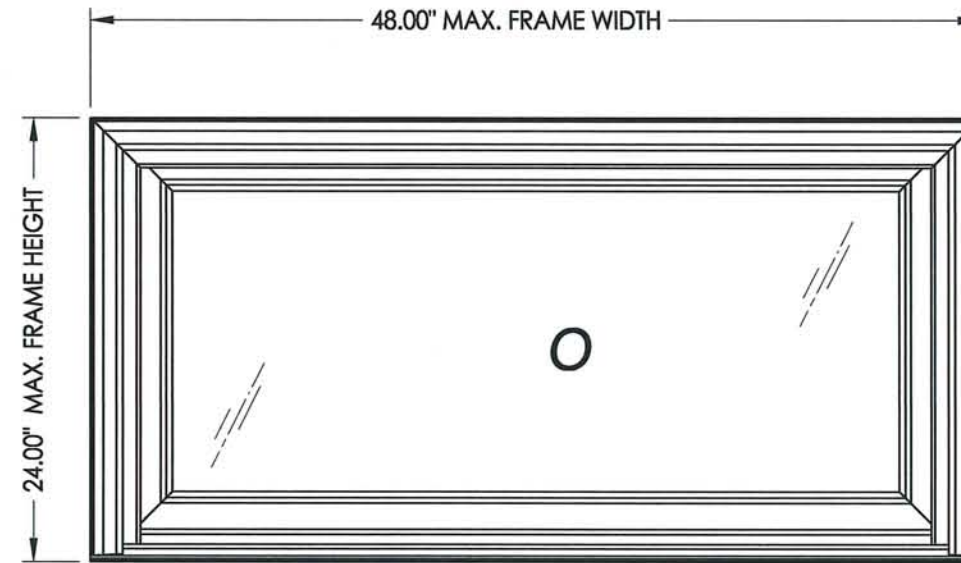
2045 Kerper Blvd., Dubuque, IA 52004-1072
PH. 563.556.2270

SERIES T-7 CLAD TALON DOUBLE HUNG FIXED TRANSOM - HARBOR MASTER "IMPACT"

GENERAL NOTES

2

1. This product has been evaluated and is in compliance with the 2007 Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with Section 1609.1.2 of the 2007 FBC and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. For 2x stud construction, the length of the anchors shall be increased an amount equal to the thickness of any sheathing or wall coverings such that penetration of the anchor into the stud shall be no less than that shown in the masonry 2x buck installation herein.
7. This product meets water infiltration requirements for "HVHZ".



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| 2 | Horizontal & Vertical cross sections |
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| 4 | Components |
| 5 | Bill of materials & glazing details |

| OVERALL FRAME DIMENSION | OVERALL D.L.O. DIMENSION | GLASS TYPE | DESIGN PRESSURE (PSF) | |
|-------------------------|--------------------------|------------|-----------------------|-------|
| | | | POS. | NEG. |
| 48.00" X 24.00" | 40.93" X 17.81" | G1 | +55.0 | -65.0 |

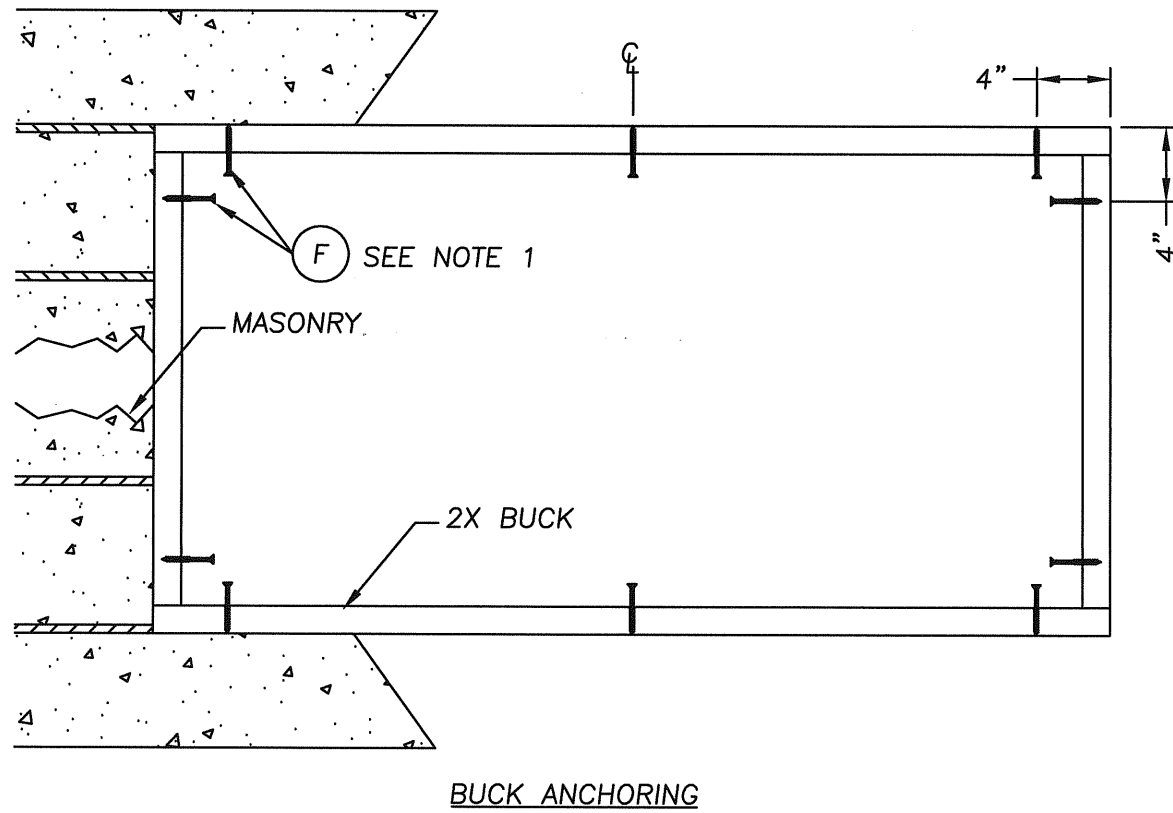
Documents Prepared By:

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Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
Wendell W. Henney 9-3-08
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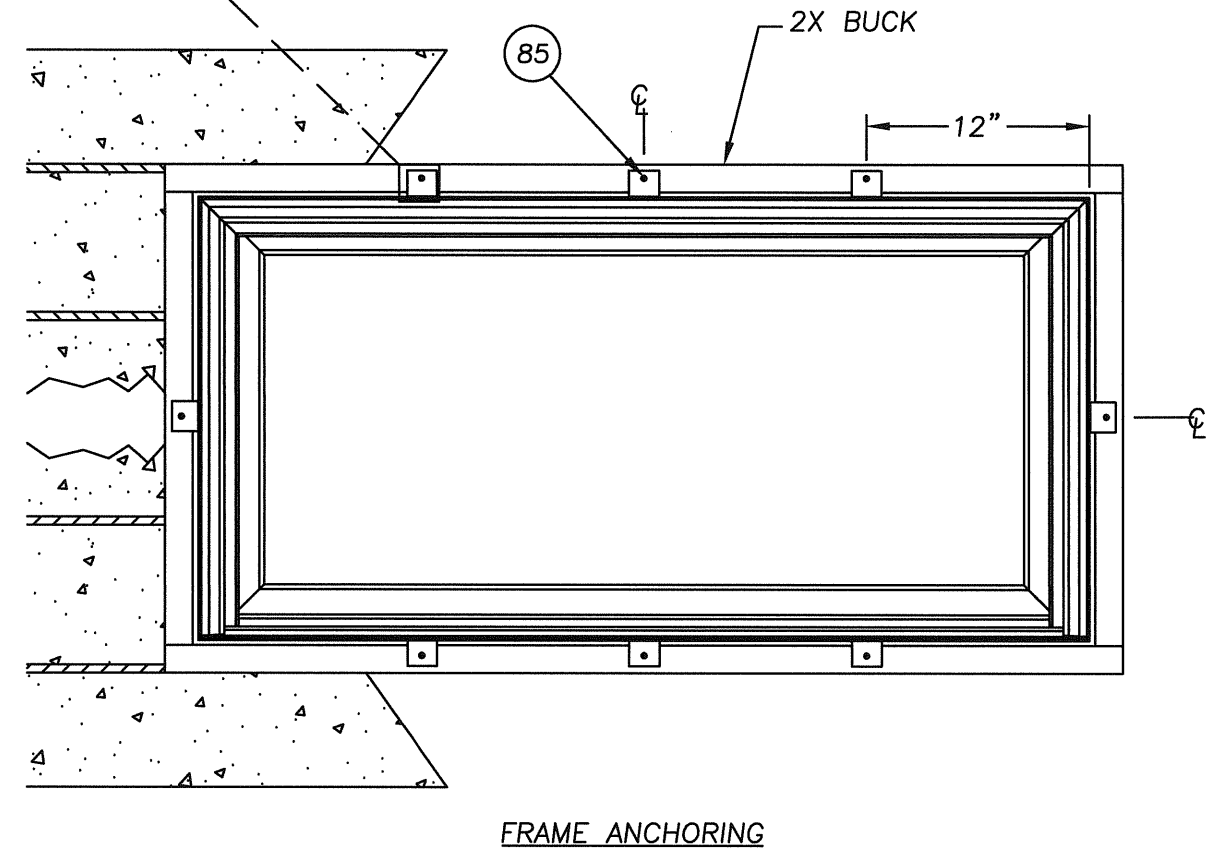
PRODUCT: DOUBLE HUNG TRANSOM
PART OR ASSEMBLY: JK WH BY
TYPICAL ELEVATION, DESIGN PRESSURE & GENERAL NOTES

| NO. | DATE | REVISIONS |
|-----|----------|--------------------|
| 2 | 5/20/08 | Revise to 2007 FBC |
| 1 | 12/21/07 | ADD GRADE OF WOOD |

DATE: 05/22/08
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: WWH
DRAWING NO.: FL-9669.4
SHEET 1 OF 5



#8 x 1-1/2" FLAT HEAD S.M.S.
 (4) REQ'D INTO BUCK, TWO EACH
 SIDE FOR DP<55 PSF.



NOTES:

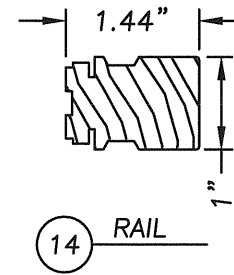
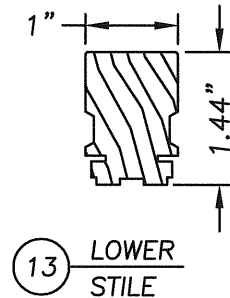
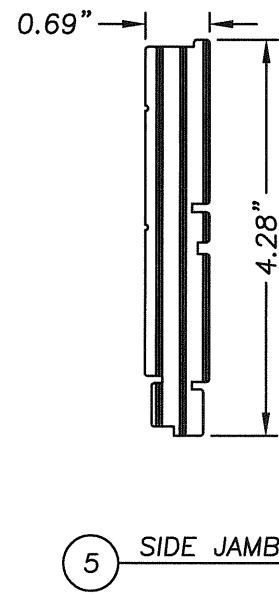
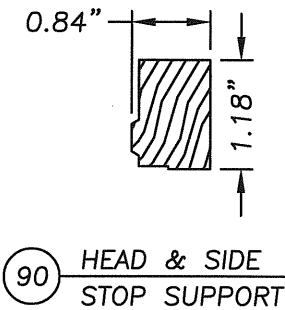
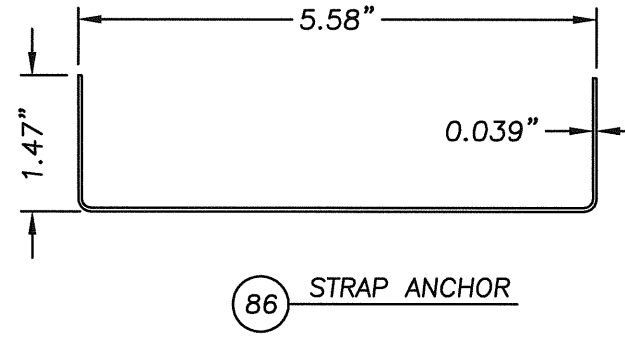
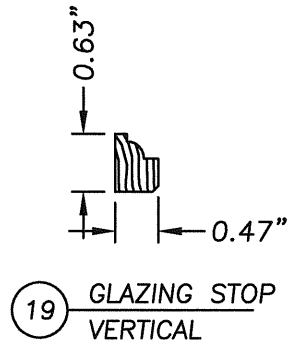
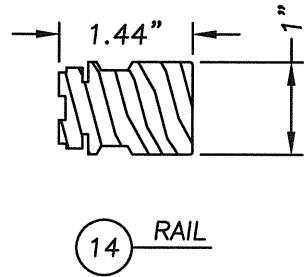
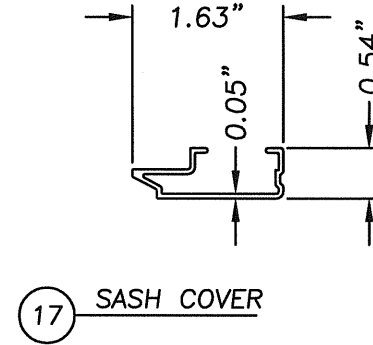
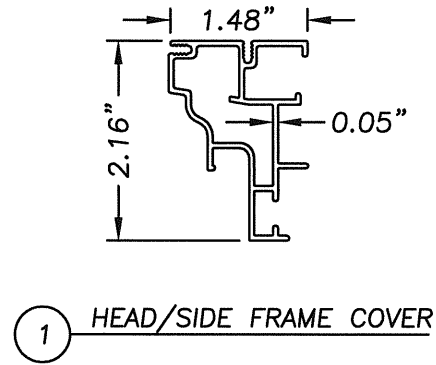
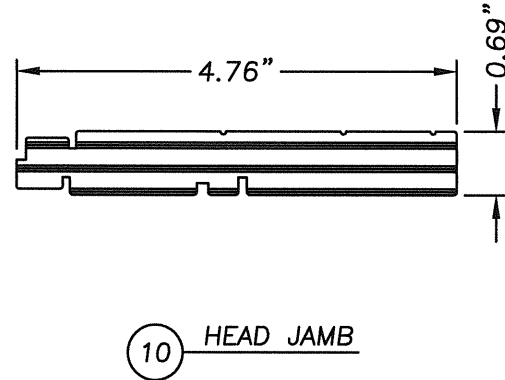
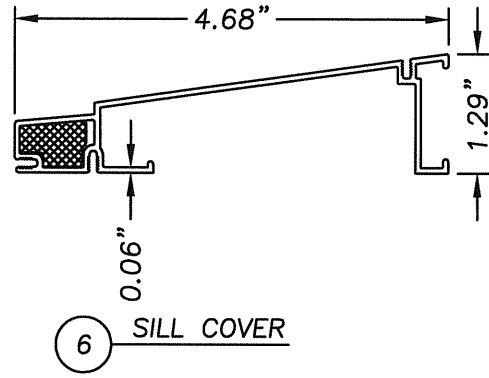
1. 1/4" Elco Concrete screws anchoring 2x buck require a minimum 1" clearance to masonry edges, a 1-1/4" minimum embedment and a minimum 4" clearance to adjacent concrete screws. Substitution of equal concrete screws from a different supplier may have different edge distance and center distance requirements. Concrete screw locations at the corners may be adjusted to maintain the minimum edge distance to mortar joints. If Concrete screw locations noted as "MAX. ON CENTER" must be adjusted to maintain the minimum edge distance to mortar joints, additional Concrete screws may be required to ensure the maximum on center dimension is not exceeded.

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 Wendell W. Haney, P.E. No. 54158

PRODUCT:
 DOUBLE HUNG
 TRANSOM
 PART OR ASSEMBLY:
 BUCK & FRAME
 ANCHORING

| NO. | DATE | REVISIONS | BY |
|-----|----------|--------------------|----|
| 2 | 5/20/08 | Revise to 2007 FBC | JK |
| 1 | 12/21/07 | ADD GRADE OF WOOD | WH |

DATE: 05/22/08
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: WWH
 DRAWING NO.: FL-9669.4
 SHEET 3 OF 5



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| | | | |
|-------------------|----------|---------------------|--------------------|
| PRODUCT: | | DOUBLE HUNG TRANSOM | |
| PART OR ASSEMBLY: | | COMPONENTS | |
| NO. | DATE | BY | REVISIONS |
| 2 | 5/20/08 | JK | Revise to 2007 FBC |
| 1 | 12/21/07 | WH | ADD GRADE OF WOOD |

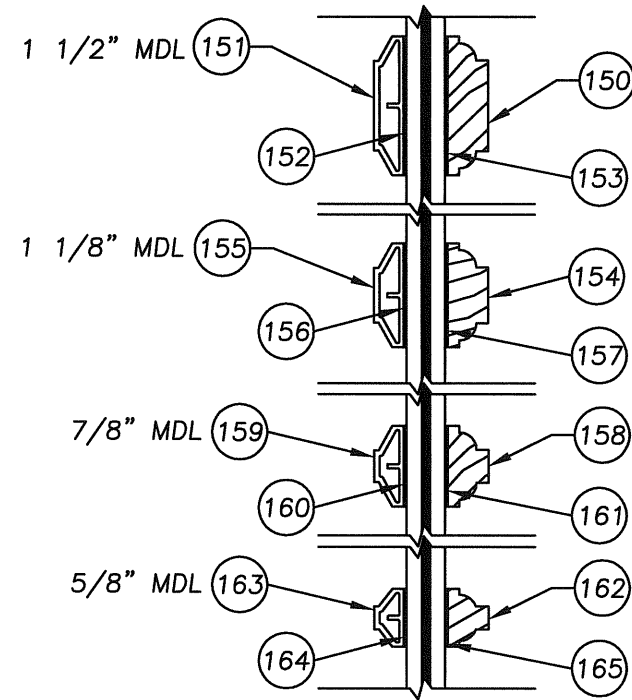
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SHEET 4 OF 5

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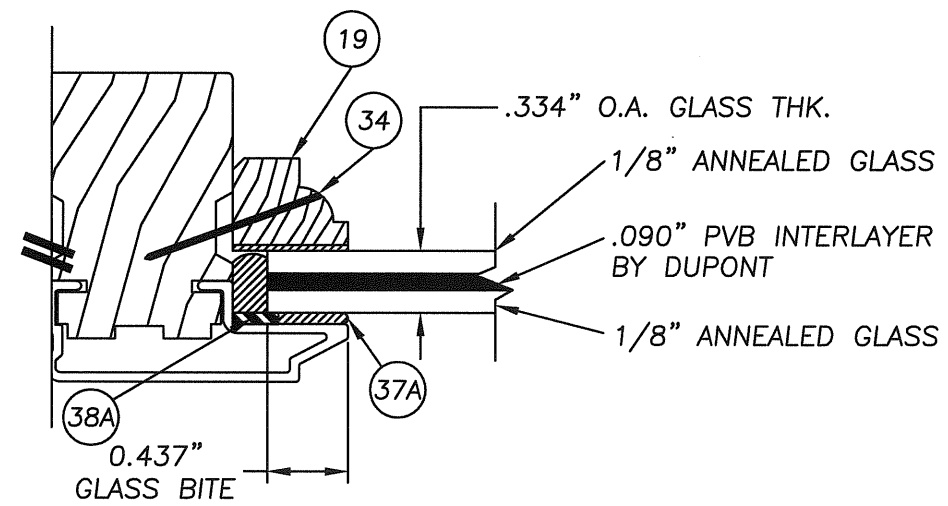
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| BILL OF MATERIALS | | |
|-------------------|--|-----------------|
| ITEM | DESCRIPTION | MATERIAL |
| A | 2X BUCK SG _≥ .55 | WOOD |
| B | 1/4" MAX. SHIM SPACE | WOOD |
| E | MASONRY - 3,192 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90 | CONCRETE |
| F | 1/4" x 2-3/4" ELCO TAPCON | STEEL |
| 1 | HEAD / SIDE FRAME COVER (6063-T6 ALUM.) | ALUMINUM |
| 5 | SIDE JAMB (SG ≥ 0.51) | LVL |
| 6 | SILL COVER (HOLLOW NOSE) (6063-T6 ALUM.) | ALUMINUM |
| 10 | HEAD JAMB (SG ≥ 0.51) | LVL |
| 13 | LOWER STILE (CLEAR PINE SG ≥ 0.42) | WOOD |
| 14 | RAIL (CLEAR PINE SG ≥ 0.42) | WOOD |
| 17 | SASH COVER (6063-T6 ALUM.) | ALUMINUM |
| 19 | GLAZING STOP (VERT.) (SG ≥ 0.42) | WOOD |
| 21 | SILL STOP (SG ≥ 0.42) | WOOD |
| 22 | SILL STOOL (SG ≥ 0.42) | WOOD |
| 33 | 3/16" X 1-1/8" STAPLES | STEEL |
| 34 | 1" WIRE BRADS | STEEL |
| 35 | 18ga 1-1/4" BRAD NAIL | STEEL |
| 37A | INSTANTGLAZE II GLAZING COMPOUND | POLYURETHANE |
| 38A | GLAZING SHIM | NEOPRENE |
| 40 | GLASS STOP (HORZ.) (SG ≥ 0.42) | WOOD |
| 84 | #8 X 5/8" PFH SMS | STEEL |
| 85 | #8 X 1-1/2" PFH SMS | STEEL |
| 86 | STRAP ANCHOR 1.625" X 8.5" X 0.039" THK. | STEEL |
| 90 | CDHF HEAD & SIDE STOP SUPPORT (SG ≥ 0.42) | WOOD |
| 93 | CDHF SIDE STOP EXTRUSION | ALUMINUM |
| 95 | CDHF HEAD STOP EXTRUSION | ALUMINUM |
| 97 | SILL STOP (SG ≥ 0.42) | WOOD |
| 98 | THERMAL BLOCK (SG ≥ 0.42) | WOOD |
| 99 | SEALANT | SILICONE |
| 100 | SASH SEALANT | POLYISOBUTYLENE |
| 150 | 1-1/2" INTERIOR COLONIAL MDL BAR | WOOD |
| 151 | 1-1/2" EXTERIOR MDL BAR (6063 T-6) | ALUMINUM |
| 152 | 1-1/2" MDL ADHESIVE TAPE (EXTERIOR TAPE) | POLYETHYLENE |
| 153 | 1-1/2" MDL ADHESIVE TAPE (INTERIOR TAPE) | POLYETHYLENE |
| 154 | 1-1/8" INTERIOR COLONIAL MDL BAR | WOOD |
| 155 | 1-1/8" EXTERIOR MDL BAR (6063 T-6) | ALUMINUM |
| 156 | 1-1/8" MDL ADHESIVE TAPE (EXTERIOR TAPE) | POLYETHYLENE |
| 157 | 1-1/8" MDL ADHESIVE TAPE (INTERIOR TAPE) | POLYETHYLENE |
| 158 | 7/8" INTERIOR COLONIAL MDL BAR | WOOD |
| 159 | 7/8" EXTERIOR MDL BAR (6063 T-6) | ALUMINUM |
| 160 | 7/8" MDL ADHESIVE TAPE (EXTERIOR TAPE) | POLYETHYLENE |
| 161 | 7/8" MDL ADHESIVE TAPE (INTERIOR TAPE) | POLYETHYLENE |
| 162 | 5/8" INTERIOR COLONIAL MDL BAR | WOOD |
| 163 | 5/8" EXTERIOR MDL BAR (6063 T-6) | ALUMINUM |
| 164 | 5/8" MDL ADHESIVE TAPE (EXTERIOR TAPE) | POLYETHYLENE |
| 165 | 5/8" MDL ADHESIVE TAPE (INTERIOR TAPE) | POLYETHYLENE |



OPTIONAL MUNTIN BAR ATTACHMENT TO GLASS



G1 GLAZING DETAIL

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