

4 3 2 1

MODEL 902 AND C2AL
MAX 16'-2" WIDE X 18'-0" HIGH

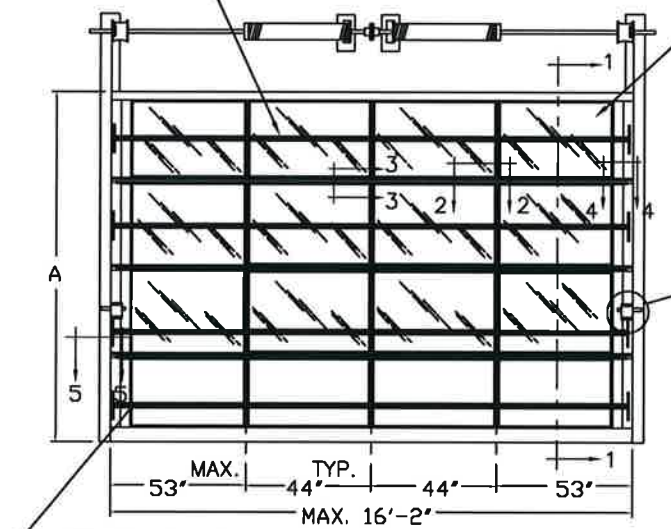
| REVISIONS | | | | | |
|-----------|-------|---------|---------|--------|---|
| REV. NO. | ZONE: | DATE: | ECN NO. | APPVD: | DESCRIPTION |
| 04 | - | 06/2013 | - | - | REMOVED PLEXIGLASS OPTION. SPECIFIED ALL GLAZING DIMEN. |
| 05 | - | 08/2016 | - | - | REMOVED WIND SPEED TABLE. |
| 06 | - | 02/2022 | - | - | UPDATED FOR TDI. |

MODEL IS MADE OF 6063-T5 ALUMINUM EXTRUSIONS.
WALL THICKNESS:
TOP & BOTTOM RAILS .075
INTER. TOP & BOTTOM RAILS .075
TOP HAS .1 x 1.875" FIN
INTER. TOP RAIL CAP .040
SINGLE & DOUBLE END STILES .075
CENTER STILES .062

| HEIGHT 'A' | NUMBER OF SECTIONS | NUMBER OF 4" 16 GAGE C-CHANNEL |
|----------------|--------------------|--------------------------------|
| UP TO 8-0 | 4 | 4 |
| 8-3 THRU 10-0 | 5 | 5 |
| 10-3 THRU 12-0 | 6 | 6 |
| 12-3 THRU 14-0 | 7 | 7 |
| 14-3 THRU 16-0 | 8 | 8 |
| 16-3 THRU 18-0 | 9 | 9 |

MAX. SECTION HEIGHT: 24"

4" C-CHANNEL
SEE DESCRIPTION
IN SECTION 1-1

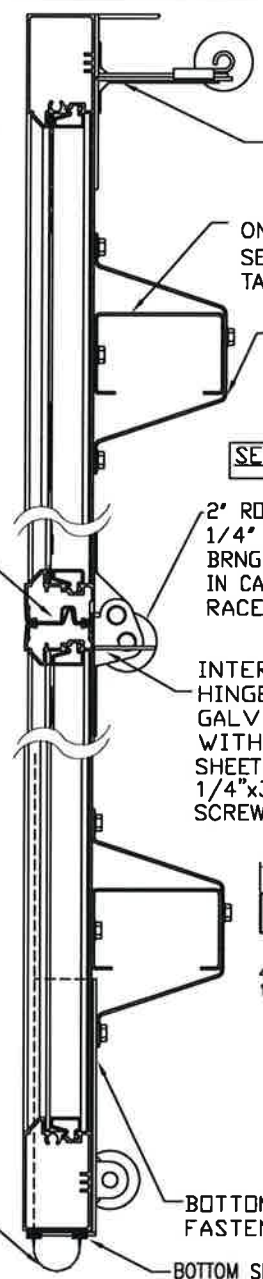


ALUMINUM FULL VISION WINDOW LITES, SINGLE PANE OR INSULATED. ALL PANES ANNEALED GLASS OR STRONGER. SINGLE PANES 1/8" OR THICKER. INSULATED WINDOWS 1/2" THICK, CONSISTING OF (2) PANES 1/8" THICK. MAXIMUM DLO 50" X 21-3/4".

THIS PRODUCT COMPLIES WITH THE 2018 IBC/IRC.

MAXIMUM DLO:
49-3/8" X 21-1/4"

THE OPTIONAL GLAZING SHOWN ON THIS DRAWING MEETS THE WIND LOAD REQUIREMENTS OF THE FLORIDA BUILDING CODE OR INTERNATIONAL BUILDING CODE BUT DOES NOT MEET THE IMPACT RESISTANT REQUIREMENT FOR WINDBORNE DEBRIS REGIONS (FBC SECT. 1606.1.4; IBC SECT. 1809.1.4).



ADJUSTABLE TOP ROLLER BRKT. OF 12 GA. GALV. STEEL, FASTENED WITH (4) #14x5/8" SHT. METAL SCREWS

ONE 4" TALL C-CHANNEL PER DOOR SECTION. ONE 1/4" X 3/4" SELF TAPPING SCREW PER STILE.

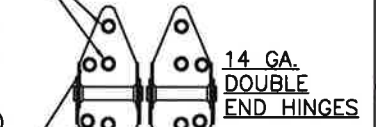
5 STRAPS ON EACH SECTION. EACH STRAP ATTACHED WITH (3) 1/4" X 3/4" SELF TAPPING SCREWS (TWO SCREWS TO DOOR, ONE SCREW TO C-CHANNEL).

SECTION 1 - 1

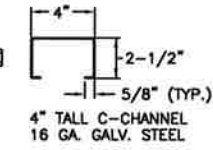
2" ROLLERS FEATURE (10) 1/4" DIA STEEL BALL BRNGS., FULL FLOATING IN CASE HARDENED STEEL RACES

INTERMEDIATE ROLLER HINGES OF 14 GA MIN GALV STEEL, FASTENED WITH (4) #14 X 5/8" SHEET MTL SCREWS & (2) 1/4"x3/4" SELF TAPPING SCREWS.

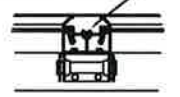
#14x5/8" SHEET METAL SCREWS QTY (4) ALONG CENTER OF EACH HINGE



1/4"x3/4" SELF TAPPING SCREWS. QTY. (2) ALONG CORNERS OF EACH HINGE



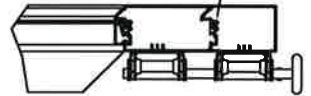
CENTER STILES FASTENED TO RAILS WITH FULL LENGTH 5/16" ALUMINUM RODS AND FLANGE NUTS



COR-LOVLY CENTER HINGE OF 16 GA. GALV. STEEL, ATTACHED TO INTER. BOTTOM RAIL WITH (2) #14 x 5/8" SHT MTL SCREWS AND TO INTER. TOP RAIL WITH (2) 1/4 - 20 x 1/2" HEX HEAD MACHINE SCREWS & NUTS

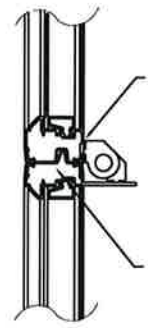
SECTION 2 - 2

END STILES FASTENED TO RAILS WITH FULL LENGTH 5/16" ALUMINUM RODS AND FLANGE NUTS



REINFORCING FIN ON INTER. TOP RAILS ANGLE CUT AT END STILES

SECTION 4 - 4

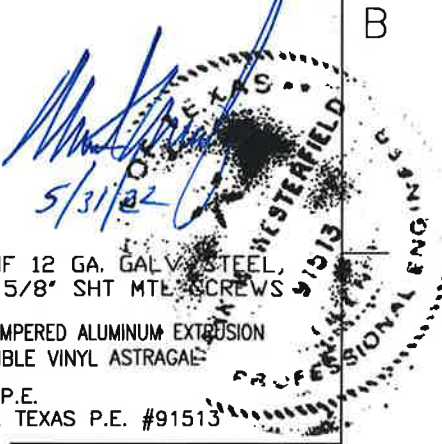


INTERMEDIATE BOTTOM RAIL

INTERMEDIATE TOP RAIL WITH REINFORCING FIN AND CAP

SECTION 3 - 3

DESIGN ENGINEER: MARK WESTERFIELD, P.E.
FLORIDA P.E. #48495, NC P.E. #23832, TEXAS P.E. #91513
DESIGN LOADS: +32 & -32 P.S.F.
TEST LOADS +48 & -48 P.S.F.



| | | | | |
|--------------------------------------|---|--|---|-----------------|
| CLOPAY CORP. ALL RIGHTS RESERVED. | Unless Stated Otherwise TOLERANCES are | Clopay CORPORATION 8585 Duke Boulevard Mason, OH 45040 USA Tel. No. 513-770-4800 Fax No. 513-770-4853 | WINDLOAD RATING W5 | |
| | .0 = ±.031 .00 = ±.015 .000 = ±.005 .0000 = ±.001 Degrees = ±1/2° | | DESCRIPTION: M/N 902 / C2AL +32PSF DES LOAD | SCALE: N/A |
| Third Angle Projection | Unless Stated Otherwise DIMENSIONS ARE IN INCHES. | DRAWN BY: R.J.K. CHECKED BY: - DWG. NO.: 103294 | DATE: 12/8/99 DATE: - SHEET 1 OF 2 | MPC: C-AL-1F499 |

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MAX 16'-2" WIDE X 18'-0" HIGH

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| REV. NO. | ZONE: | DATE: | ECN NO. | APPVD: | DESCRIPTION |
| 06 | - | 02/2022 | - | - | SEE SHEET 1 FOR REVISION DETAILS. |

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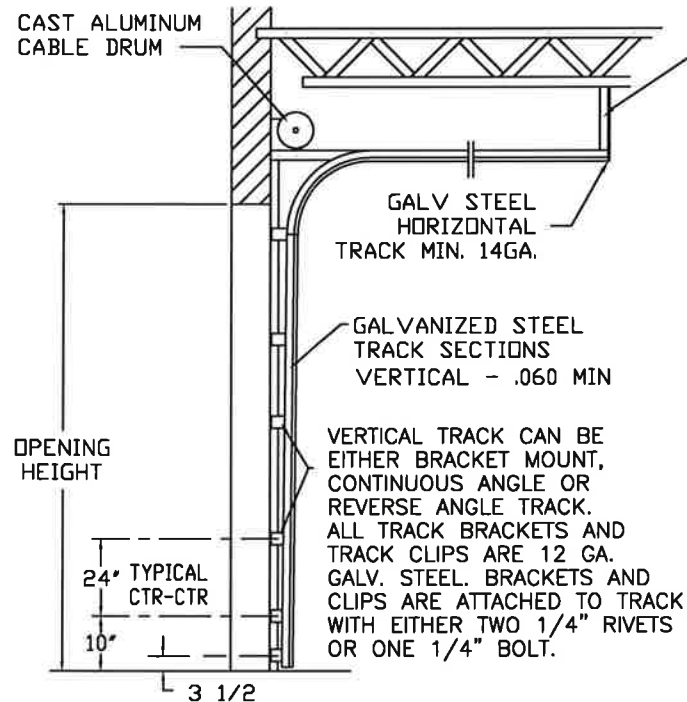
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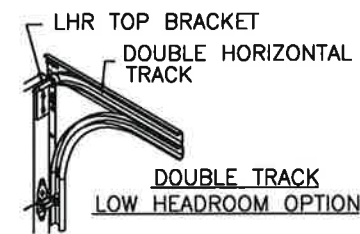
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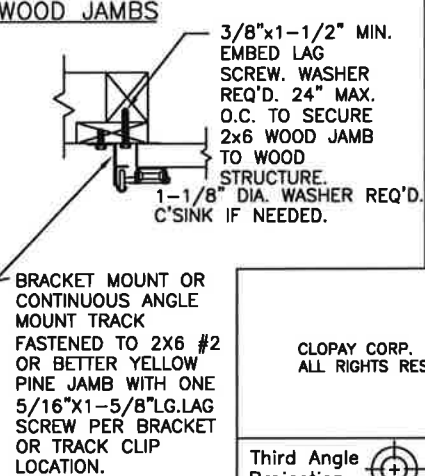
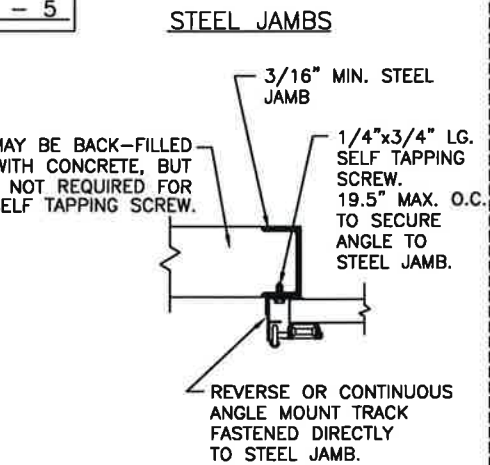
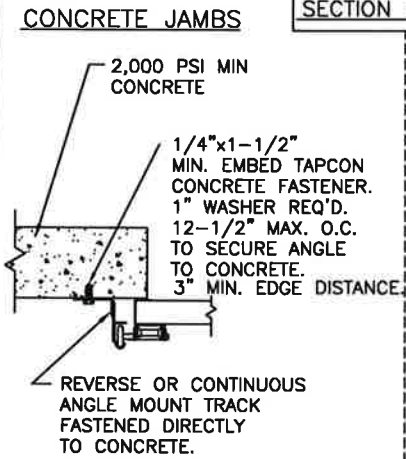
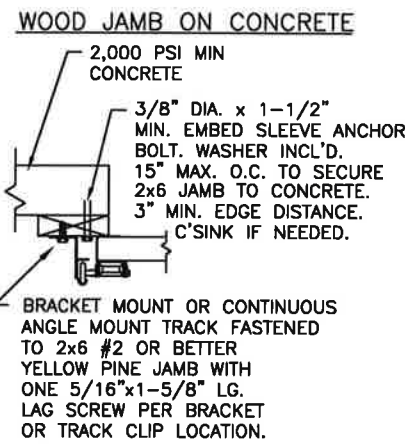
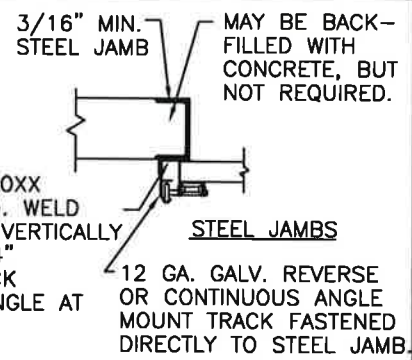
HORIZONTAL TRACK END HANGER BRACKET (SUPPLIED BY DOOR INSTALLER) CLOSES ROLLER CHANNEL. INTERMEDIATE HANGER REQUIRED FOR DOORS IF HORIZONTAL TRACK DEFLECTION EXCEEDS 1/240TH OF THE DOOR HEIGHT



SIDE ELEVATION
STANDARD-LIFT TRACK DETAILS**
**HI-LIFT, VERTICAL LIFT, LOW HEADROOM TRACK AVAILABLE.



NOTE: DOUBLE TRACK LOW HEADROOM, HI-LIFT TRACK, FOLLOW-THE-ROOF TRACK, AND VERTICAL LIFT TRACK ARE AVAILABLE OPTIONS. 3" TRACK ALSO AVAILABLE.



THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS IS THE RESPONSIBILITY OF THE BUILDING ENGINEER OR ARCHITECT OF RECORD.



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| | | DRAWN BY: R.J.K. | DATE: - | SHEET 2 OF 2 |
| | | CHECKED BY: - | DATE: - | DWG. NO.: 103294 |
| | | | | SIZE B |

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