

Scott A. Brown P.E.
F.P.E. #65940
698 Timber Creek Road
Dixon Illinois 61021

REV.	DESCRIPTION	ECO	DATE	ECO: 6530.01
C	1) WAS RICHARD A BAUMMAN, P.E., 2) UPDATE JAMB ATTACHMENTS	7803.01	09/29/17	
B	ADDED TM-175 AND TM-200	6688.01	06/13/14	
A	RELEASE FOR PRODUCTION	6530.01	04/11/13	

SCALE: NONE

DRAWN BY: G. WEDEKIND

CHECKED BY: G. WEDEKIND

DATE: 04/11/13

ECO: 6530.01

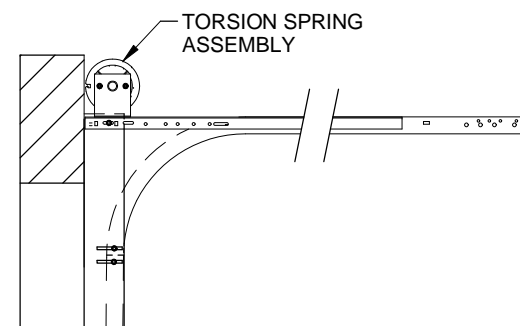
TITLE: SPEC, WIND LOAD TH-160, TM-175, TH-200

NO. P-2425

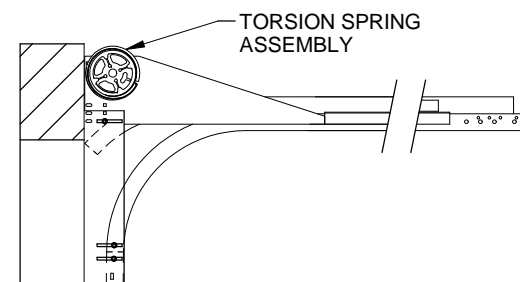
SHEET 1 OF 4

REV C

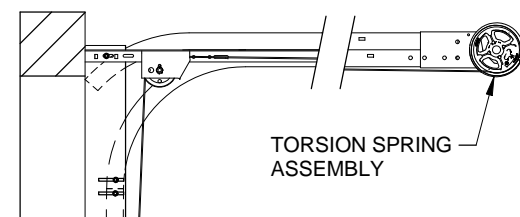
RAYNOR
1101 EAST RIVER ROAD
DIXON, IL 61021



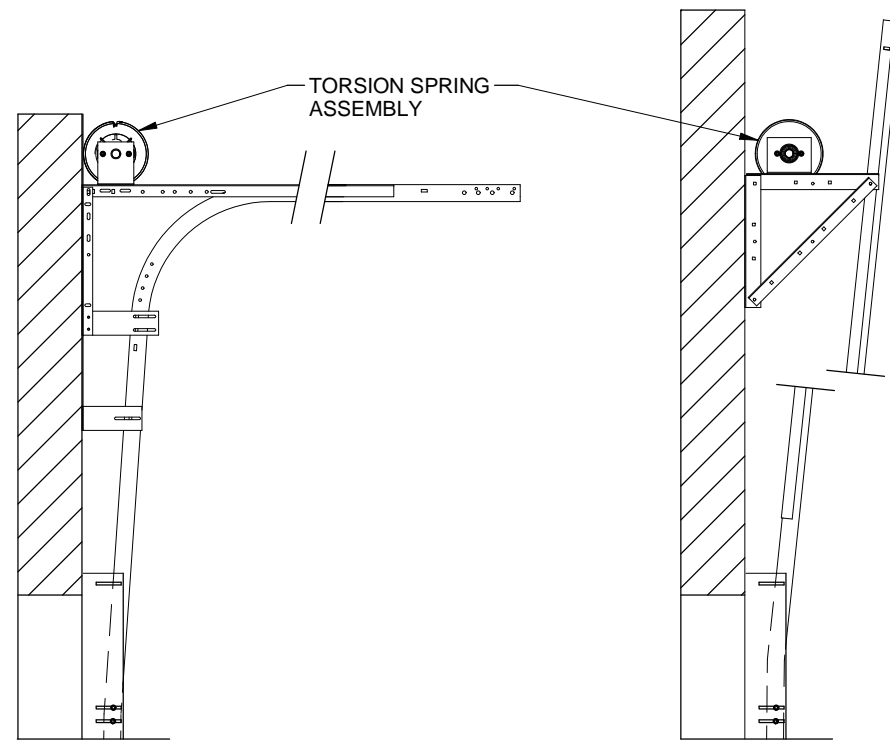
NORMAL HEADROOM TRACK
2" TRACK ANGLE MOUNT SHOWN
2" TRACK BRACKET MOUNT AVAILABLE
3" TRACK ANGLE MOUNT AVAILABLE



FRONT MOUNT LOW HEADROOM TRACK
2" TRACK ANGLE MOUNT SHOWN
2" TRACK BRACKET MOUNT AVAILABLE
3" TRACK ANGLE MOUNT AVAILABLE

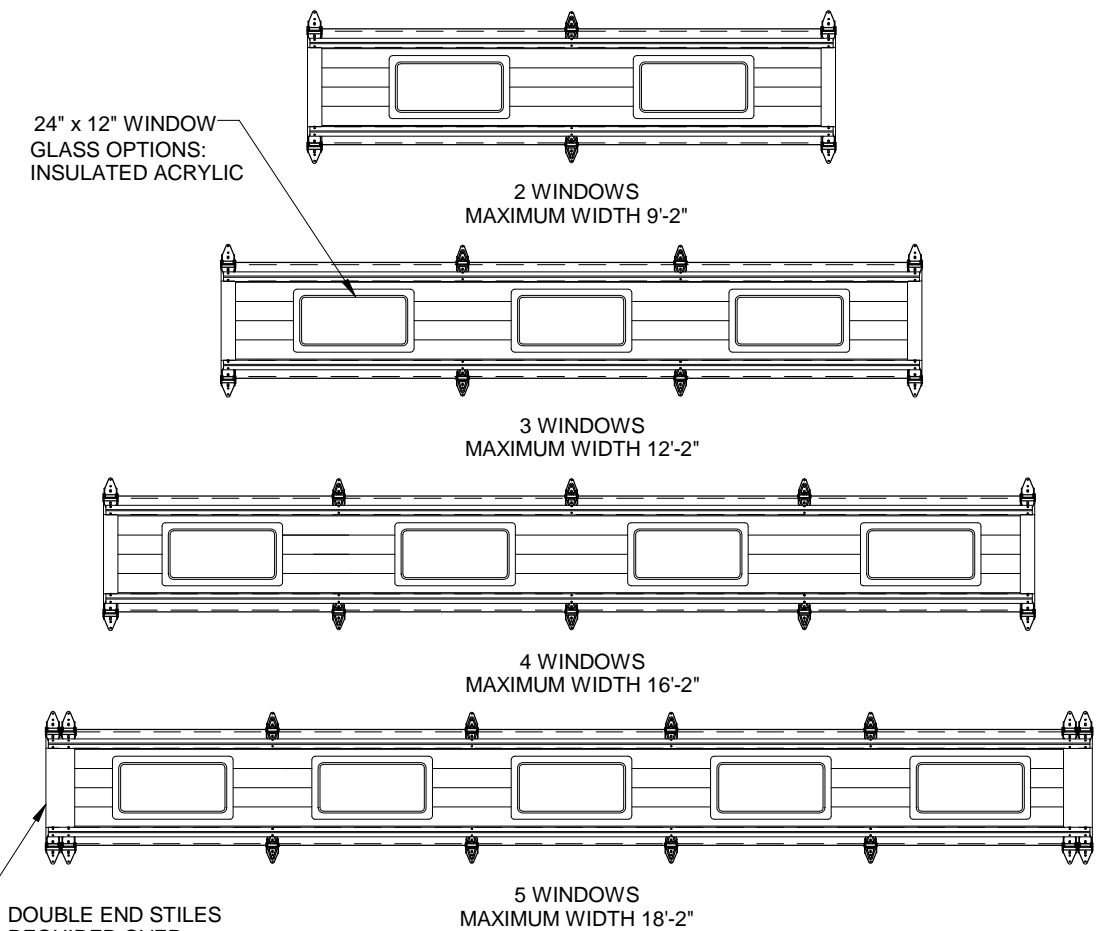


REAR MOUNT LOW HEADROOM TRACK
2" TRACK ANGLE MOUNT SHOWN
2" TRACK BRACKET MOUNT AVAILABLE
3" TRACK ANGLE MOUNT AVAILABLE



LIFT CLEARANCE TRACK
2" TRACK ANGLE MOUNT SHOWN
2" TRACK BRACKET MOUNT AVAILABLE
3" TRACK ANGLE MOUNT AVAILABLE

VERTICAL LIFT TRACK
2" TRACK ANGLE MOUNT SHOWN
2" TRACK BRACKET MOUNT AVAILABLE
3" TRACK ANGLE MOUNT AVAILABLE



24" x 12" WINDOW
GLASS OPTIONS:
INSULATED ACRYLIC

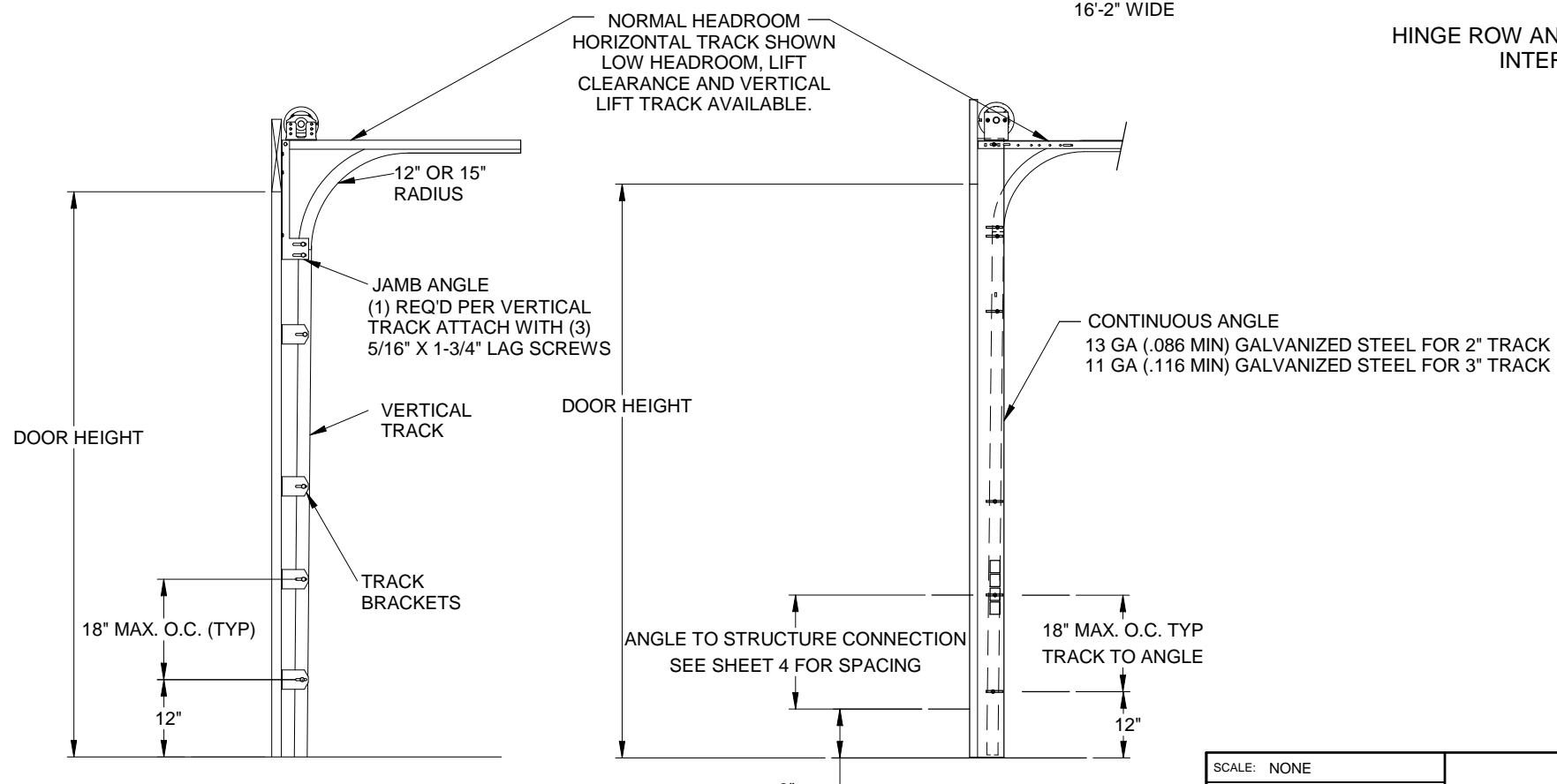
2 WINDOWS
MAXIMUM WIDTH 9'-2"

3 WINDOWS
MAXIMUM WIDTH 12'-2"

4 WINDOWS
MAXIMUM WIDTH 16'-2"

5 WINDOWS
MAXIMUM WIDTH 18'-2"

DOUBLE END STILES
REQUIRED OVER
16'-2" WIDE



TYPICAL TRACK INSTALLATION
BRACKET MOUNT
WOOD JAMBS

TYPICAL TRACK INSTALLATION
ANGLE MOUNT
WOOD, STEEL OR MASONRY JAMBS

HINGE ROW AND WINDOW LAYOUT
INTERIOR VIEW

NORMAL HEADROOM
HORIZONTAL TRACK SHOWN
LOW HEADROOM, LIFT
CLEARANCE AND VERTICAL
LIFT TRACK AVAILABLE.

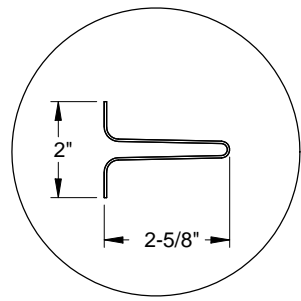
CONTINUOUS ANGLE
13 GA (.086 MIN) GALVANIZED STEEL FOR 2" TRACK
11 GA (.116 MIN) GALVANIZED STEEL FOR 3" TRACK

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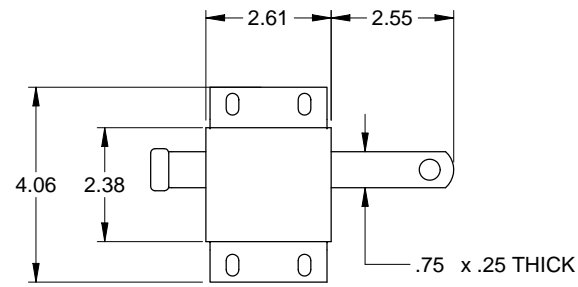
SCALE: NONE
DRAWN BY: G. WEDEKIND
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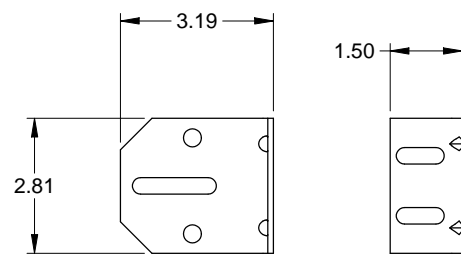
TITLE: SPEC, WIND LOAD TH-160, TM-175, TM-200	SHEET 2 OF 4	REV C
NO. P-2425		



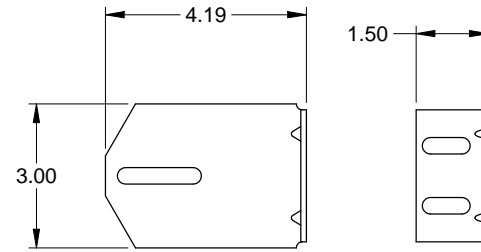
STEEL U-BAR DETAIL
18 GA. (.049" MIN) GALVANIZED
HIGH TENSILE STEEL 80 KSI MINIMUM YIELD



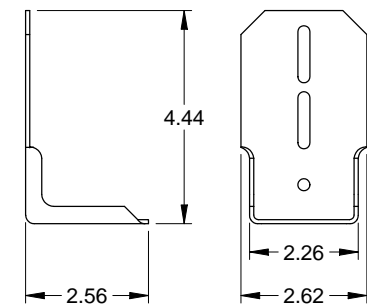
SLIDE LOCK
CASE .086 GALV. STEEL



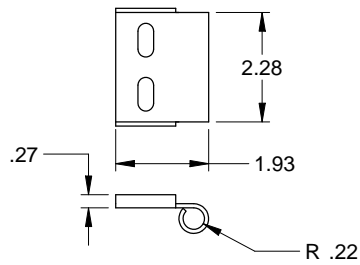
3" TRACK BRACKET
.116 GALV. STEEL



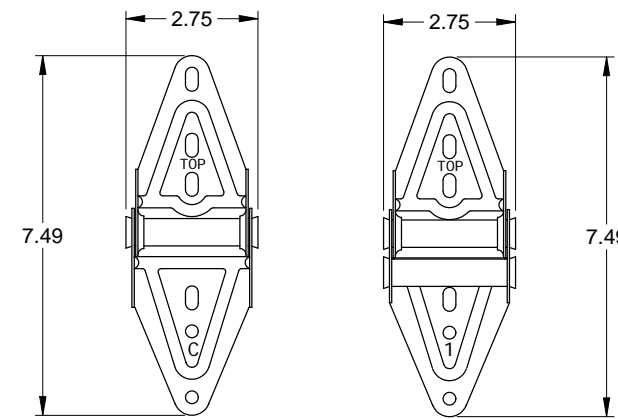
4" TRACK BRACKET
.116 GALV. STEEL



TOP FIXTURE
.086 GALV. STEEL

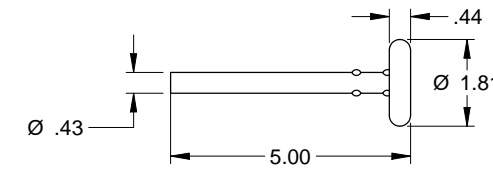


TOP ROLLER CARRIER
.116 GALV. STEEL
ATTACHED TO TOP FIXTURE WITH
(2) TRACK BOLTS AND WHIZ NUTS

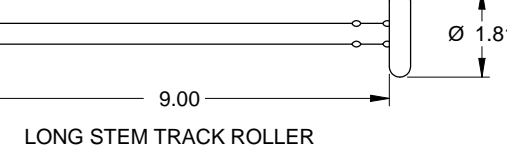


CENTER HINGE
.045 GALV. STEEL

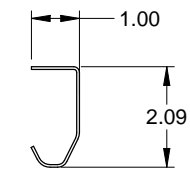
EDGE HINGE
.086 GALV. STEEL



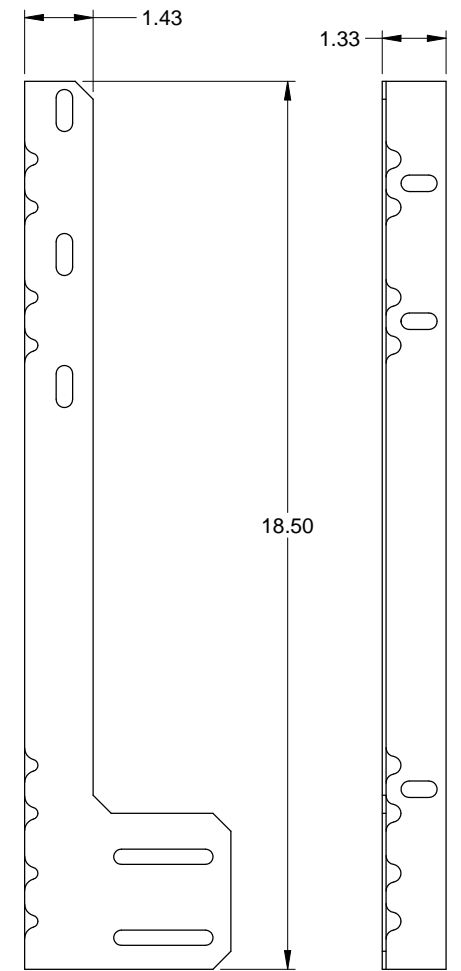
SHORT STEM TRACK ROLLER



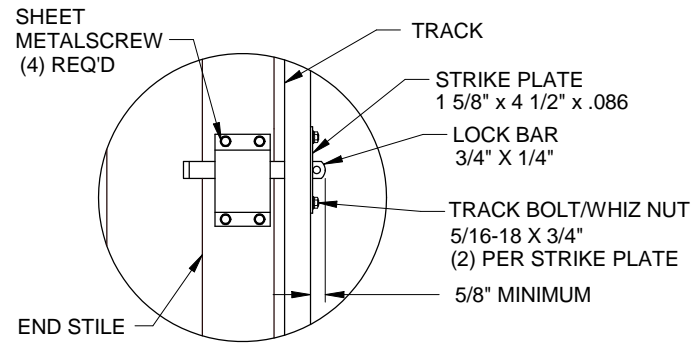
LONG STEM TRACK ROLLER



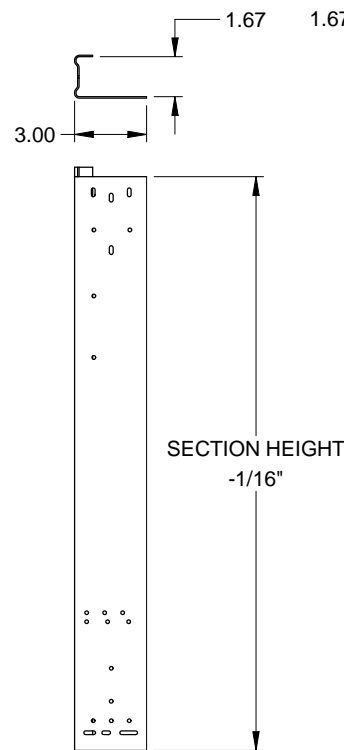
TRACK
.055 GALV. STEEL



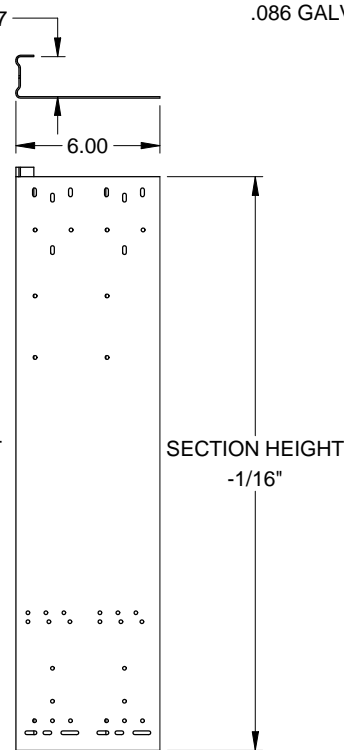
JAMB ANGLE
.078 GALV. STEEL



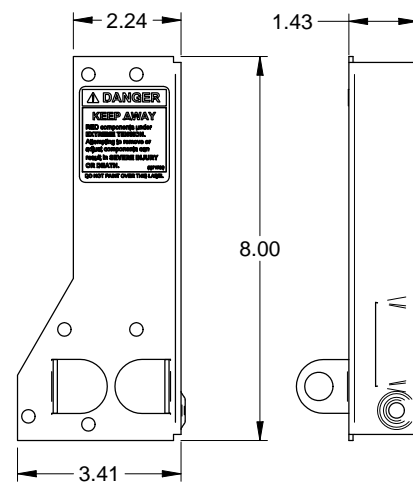
INTERIOR LOCK DETAIL
OPTIONAL



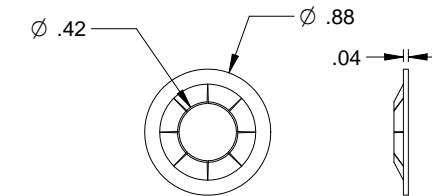
SINGLE END STILE
.055 GALV. STEEL



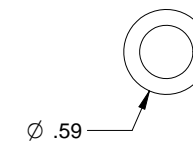
DOUBLE END STILE
.055 GALV. STEEL



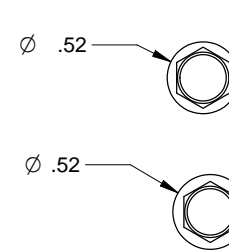
CORNER BRACKET
.086 GALV. STEEL



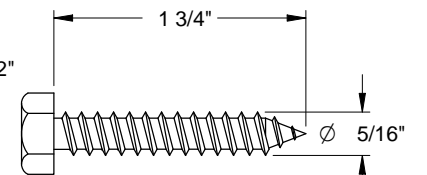
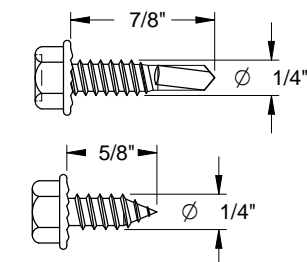
RETAINING NUT



TRACK BOLT



SHEET METAL SCREW
BOTH STYLES ARE INTERCHANGABLE



HEX HEAD LAG SCREW

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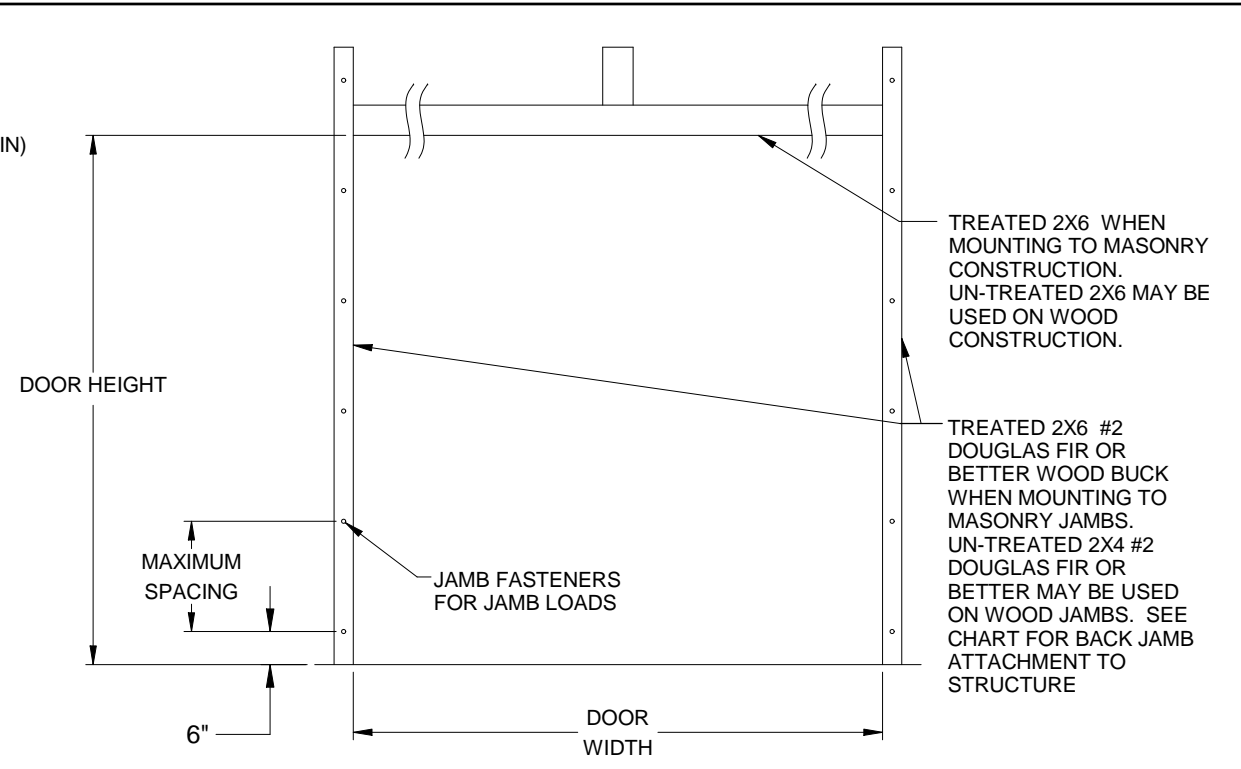
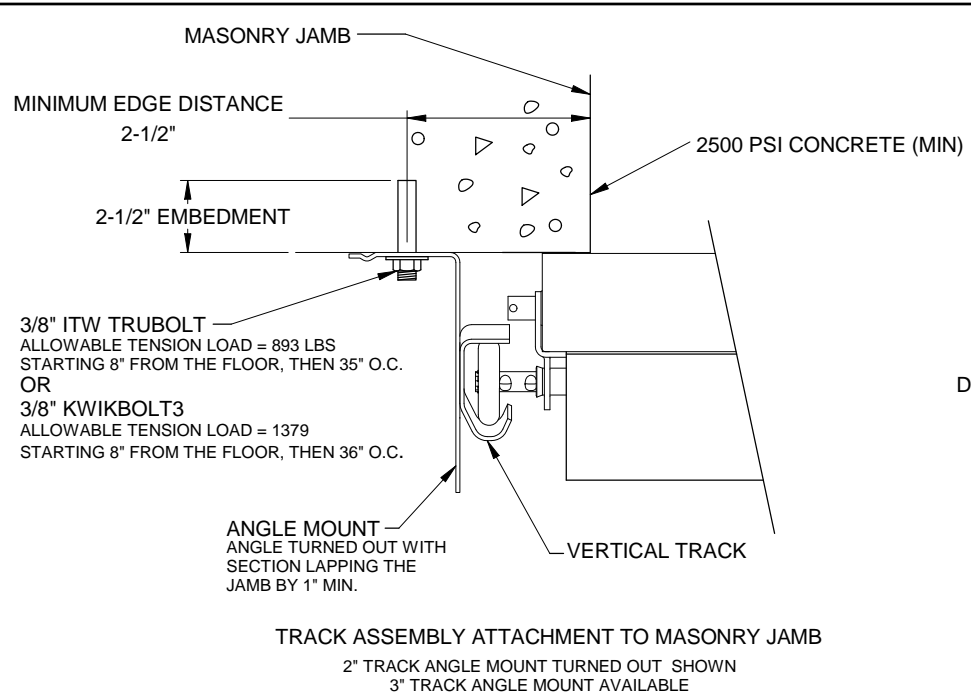
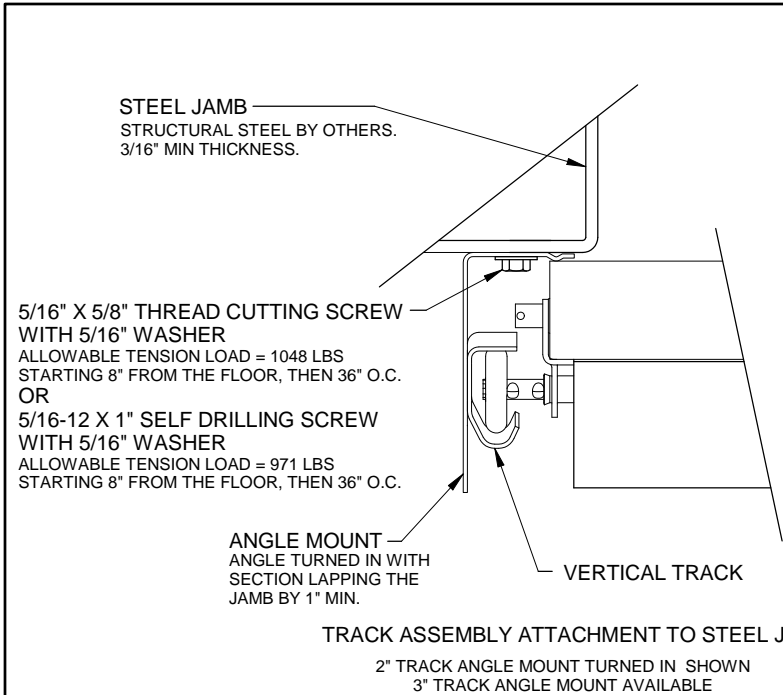


TITLE:
SPEC, WIND LOAD
TH-160, TM-175, TM-200

NO. P-2425

SHEET
3 OF 4

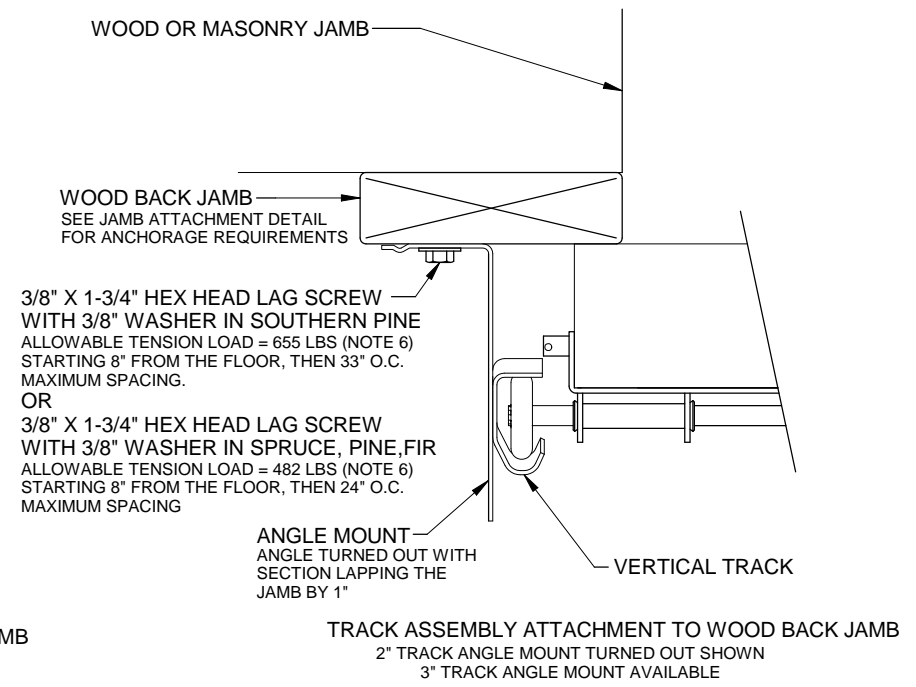
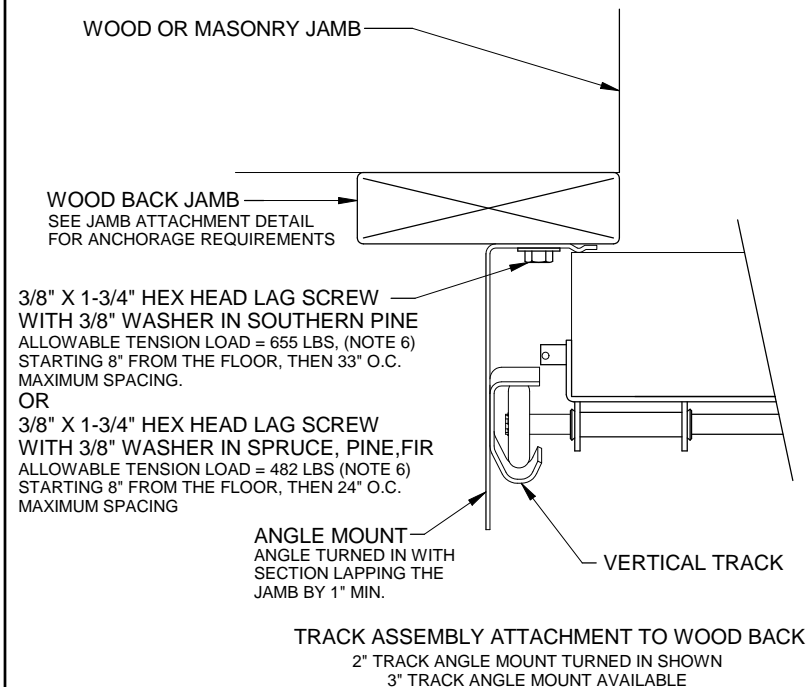
REV
C



JAMB ATTACHMENT

JAMB ATTACHMENT NOTES

1. MAXIMUM POSITIVE LOAD PER JAMB = (16'-2" X 29.3 PSF) / 2 = 237 LBS PER FOOT
2. MAXIMUM NEGATIVE LOAD PER JAMB = (16'-2" X -32.6 PSF) / 2 = 264 LBS PER FOOT.
3. DESIGN OF THE SUPPORTING STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE JAMB LOADS LISTED IN NOTES 1 AND 2.
4. ALTERNATE JAMB ATTACHMENTS MAY BE USED IF APPROVED BY A REGISTERED PROFESSIONAL ENGINEER.
5. DASMA TECHNICAL DATA SHEET TDS-161 MAY BE USED FOR ALTERNATE JAMB ATTACHMENTS.
6. 3/8" DIAMETER LAG SCREWS REQUIRE 1/16" DIAMETER PILOT HOLE AND 1-1/2" MINIMUM EDGE DISTANCE.



2X6 ATTACHMENT TO STRUCTURE						
STRUCTURE TYPE	FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DISTANCE	MINIMUM ON CENTER SPACING	DIMENSION A (MAXIMUM ON CENTER SPACING)	ALLOWABLE TENSION LOAD
2500 PSI MIN. CONCRETE	1/4" TAPCON+ (PLUS) WITH 1-1/8" OD WASHER	2"	2.5	6"	24"	691
SOUTHERN PINE	3/8" X 3" LAG WITH 1-1/8" OD WASHER	1.50"	1.50"	1.50"	24"	655
SPRUCE PINE FIR	3/8" X 3" LAG WITH 1-1/8" OD WASHER	1.50"	1.50"	1.50"	24"	482

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TITLE:
SPEC, WIND LOAD
TH-160, TM-175, TM-200

NO. P-2425

SHEET 4 OF 4

REV C