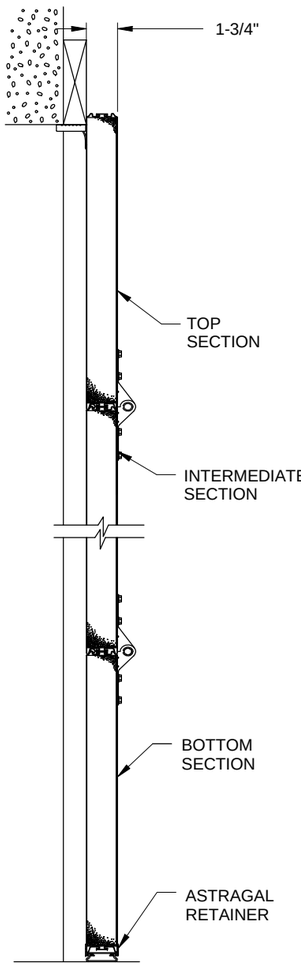
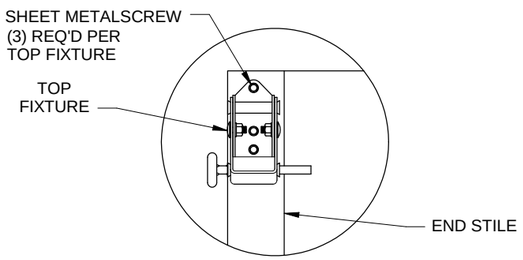
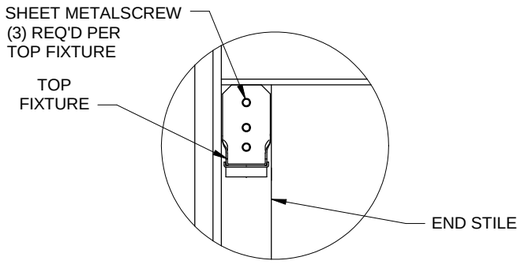


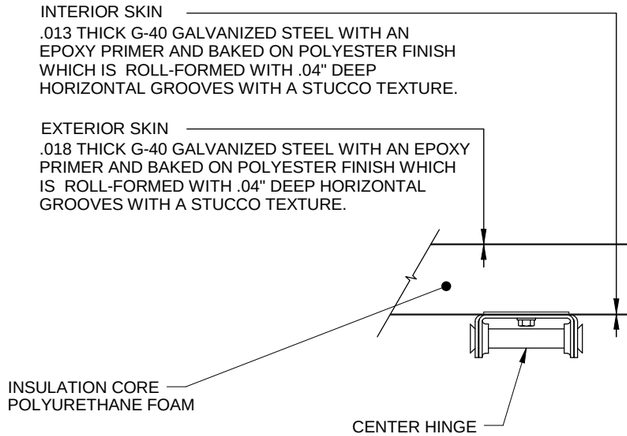
SECTION A-A



TOP FIXTURE DETAIL
FOR DOORS OVER 500 LBS OR OVER 5 SECTIONS HIGH

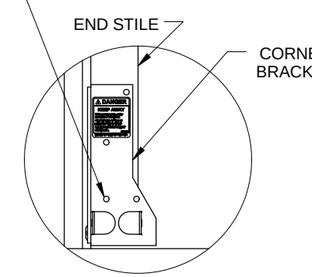


TOP FIXTURE DETAIL
FOR DOORS UP TO 500 LBS

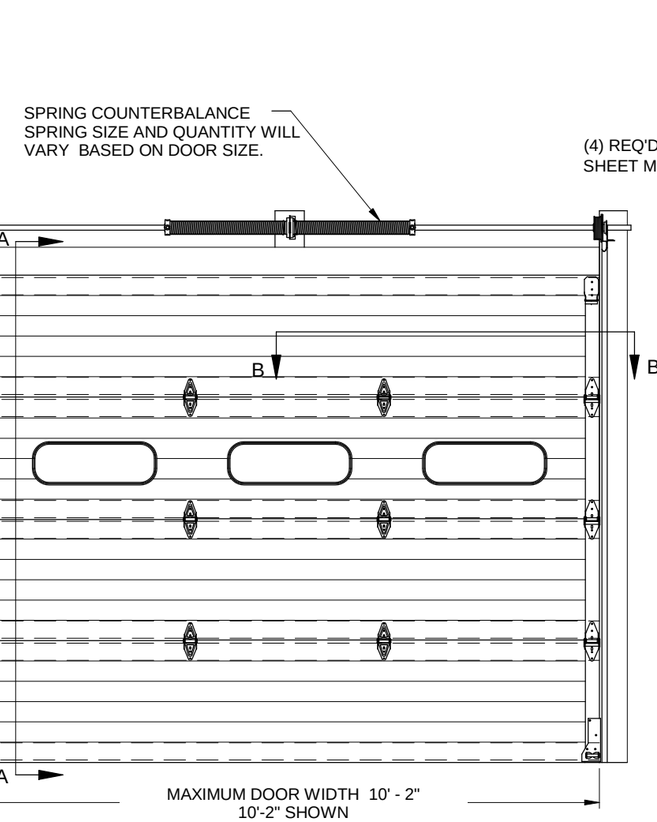


SECTION B-B

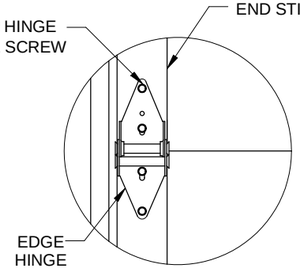
CENTER HINGE DETAIL



CORNER BRACKET DETAIL



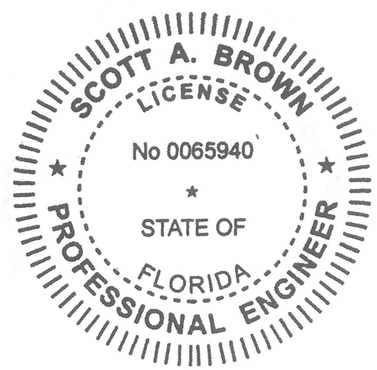
INTERIOR ELEVATION



EDGE HINGE DETAIL

DOORS TESTED PER ANSI/DASMA 108 FOR STATIC AIR PRESSURE

MAXIMUM DOOR WIDTH	DESIGN LOAD	
10' - 2 "	+ 13.3	- 13.3



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

Digitally signed by Scott A_ Brown, P_E_
Date: 2017-10-13 10: 15:07

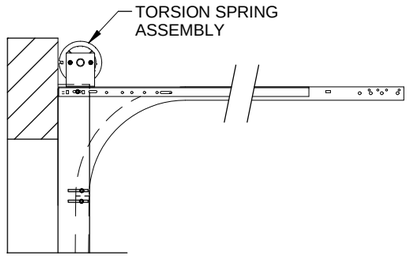
REV.	DESCRIPTION	ECO	DATE
B	1) WAS RICHARD A BAUMANN, P.E., 2) UPDATED JAMB ATTACHMENTS	7802.01	09/25/17
A	RELEASE FOR PRODUCTION	6338.02	08/02/12

SCALE: NONE
DRAWN BY: G. WEDEKIND
CHECKED BY: G. WEDEKIND
DATE: 08/02/12
ECO: 6338.02

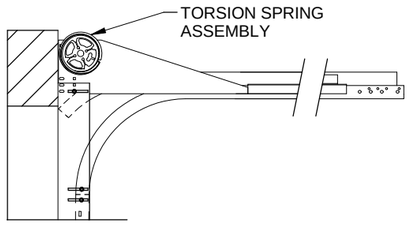
RAYNOR
1101 EAST RIVER ROAD
DIXON, IL. 61021

TITLE:
SPEC, WINDLOAD
THERMASEAL STANDARD

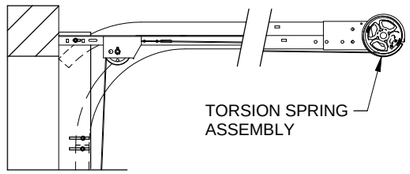
NO. P-2415 | SHEET 1 OF 4 | REV B



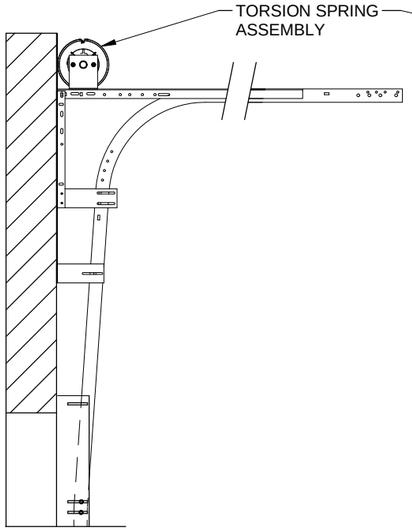
NORMAL HEADROOM TRACK
2" TRACK ANGLE MOUNT SHOWN
2" TRACK BRACKET MOUNT AVAILABLE
3" TRACK ANGLE MOUNT AVAILABLE



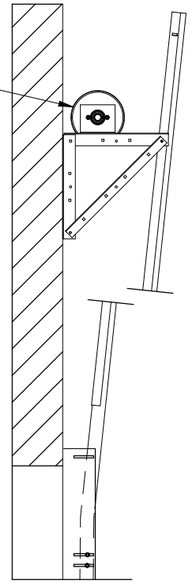
FRONT MOUNT LOW HEADROOM TRACK
2" TRACK ANGLE MOUNT SHOWN
2" TRACK BRACKET MOUNT AVAILABLE
3" TRACK ANGLE MOUNT AVAILABLE



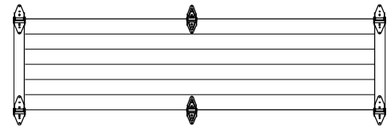
REAR MOUNT LOW HEADROOM TRACK
2" TRACK ANGLE MOUNT SHOWN
2" TRACK BRACKET MOUNT AVAILABLE
3" TRACK ANGLE MOUNT AVAILABLE

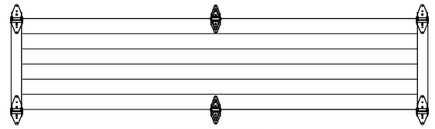


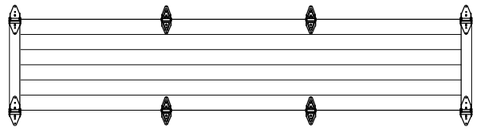
LIFT CLEARANCE TRACK
2" TRACK ANGLE MOUNT SHOWN
2" TRACK BRACKET MOUNT AVAILABLE
3" TRACK ANGLE MOUNT AVAILABLE



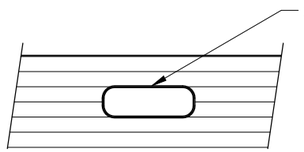
VERTICAL LIFT TRACK
2" TRACK ANGLE MOUNT SHOWN
2" TRACK BRACKET MOUNT AVAILABLE
3" TRACK ANGLE MOUNT AVAILABLE





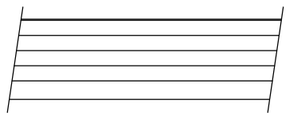


HINGE ROW LAYOUT
INTERIOR VIEW



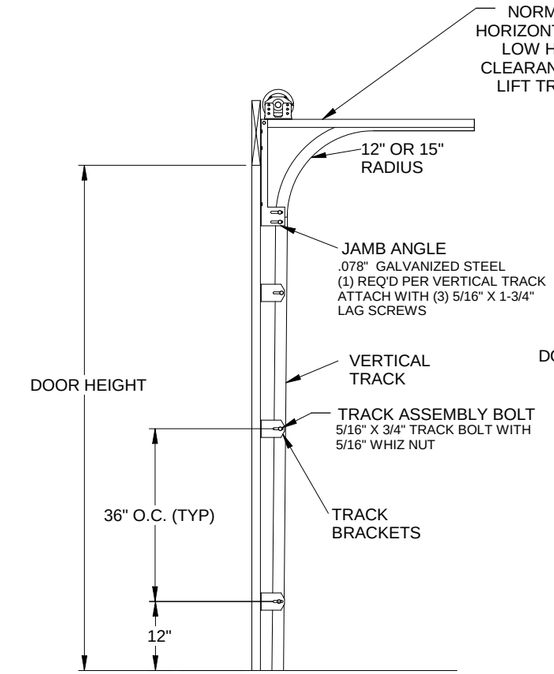
GLASS
PANEL

GLASS OPTIONS:
1/8" DSB
1/8" ACRYLIC
1/2" INSULATED GLASS

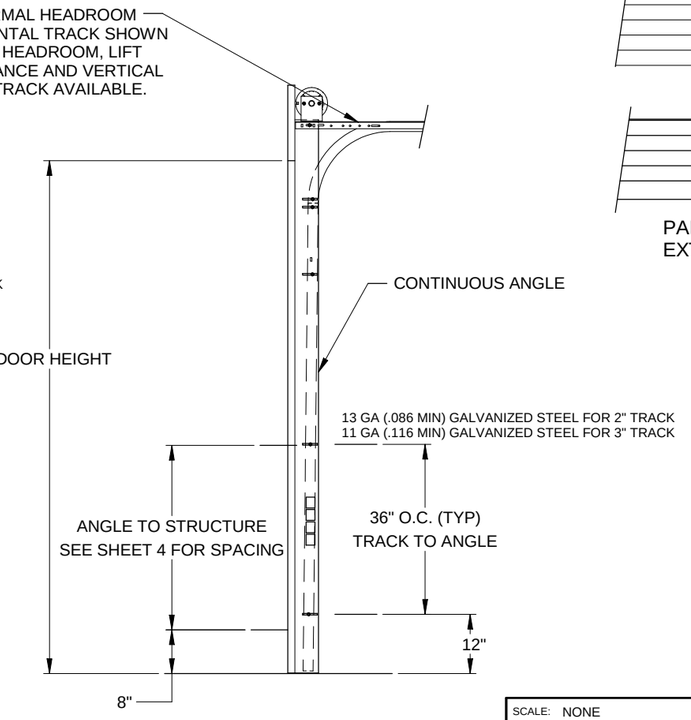


FLUSH
PANEL

PANEL OPTIONS
EXTERIOR VIEW



TYPICAL TRACK INSTALLATION
BRACKET MOUNT
WOOD JAMBS



TYPICAL TRACK INSTALLATION
ANGLE MOUNT
WOOD, STEEL OR MASONRY
JAMBS

SCOTT A. BROWN
LICENSE
No 0065940
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

Digitally signed by
Scott A_ Brown, P_E_
Date: 2017-10-13 10:
16:15

SCALE:	NONE
DRAWN BY:	G. WEDEKIND
CHECKED BY:	G. WEDEKIND
DATE:	08/02/12
ECO:	6338.02

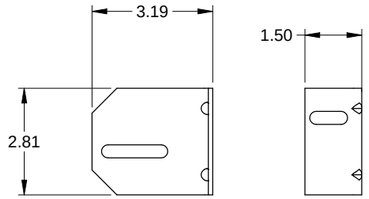
RAYNOR
1101 EAST RIVER ROAD
DIXON, IL. 61021

TITLE:
SPEC, WINDLOAD
THERMASEAL STANDARD

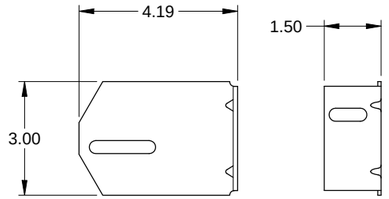
NO. P-2415

SHEET 2 OF 4

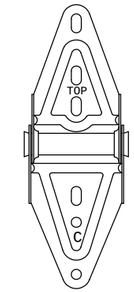
REV B



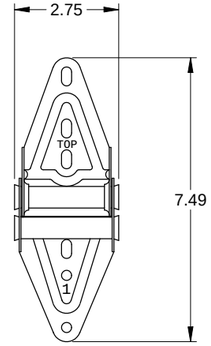
3" TRACK BRACKET
.086 GALV STEEL



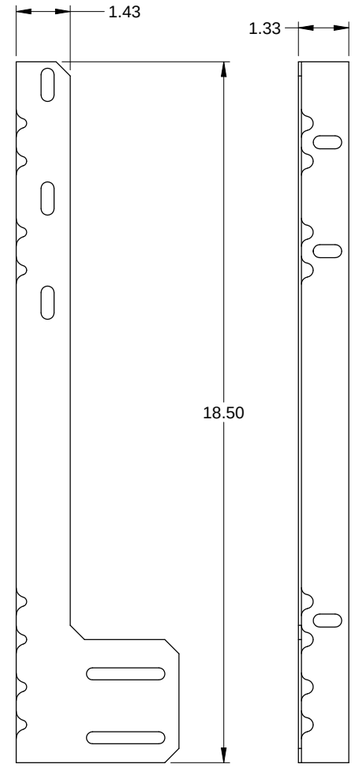
4" TRACK BRACKET
.086 GALV. STEEL

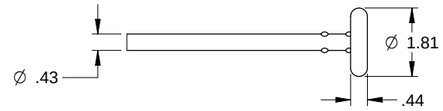


CENTER HINGE
.045 GALV. STEEL

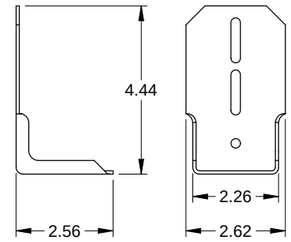


EDGE HINGE
.086 GALV.STEEL

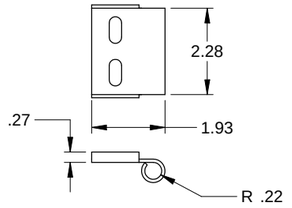




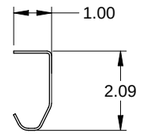
TRACK ROLLER



TOP FIXTURE
.086 GALV. STEEL

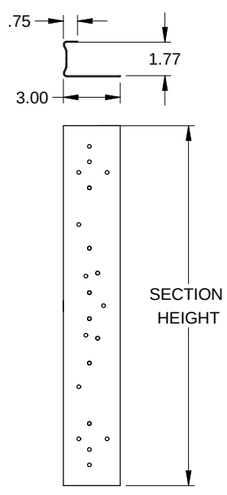


TOP ROLLER CARRIER
.086 GALV. STEEL
ATTACHED TO TOP FIXTURE WITH
(2) TRACK BOLTS AND WHIZ NUTS

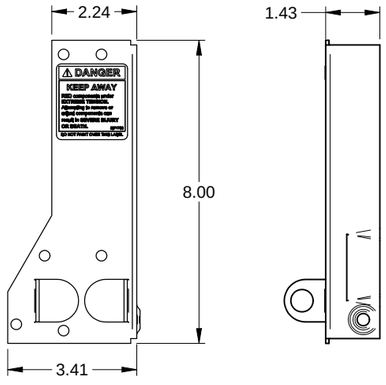


TRACK
.055 GALV. STEEL

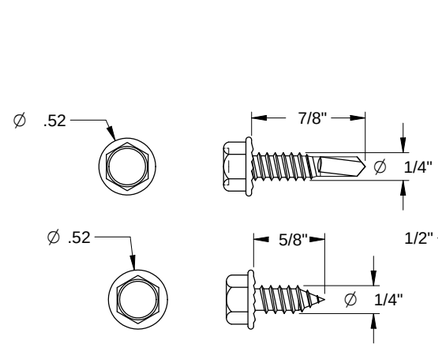
JAMB ANGLE
.078 GALV. STEEL



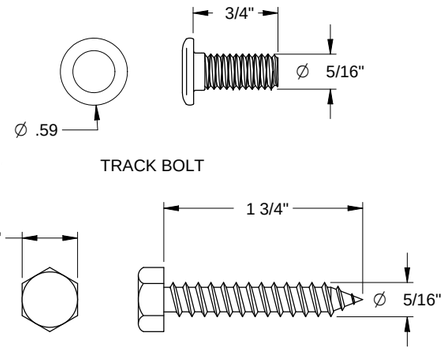
END STILE
.055 GALV. STEEL



CORNER BRACKET
.086 GALV. STEEL



SHEET METAL SCREW
BOTH STYLES ARE INTERCHANGABLE



TRACK BOLT

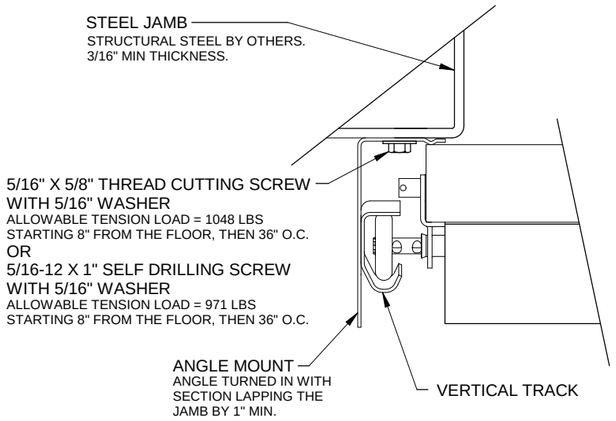
HEX HEAD LAG SCREW

SCOTT A. BROWN
LICENSE
No 0065940
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

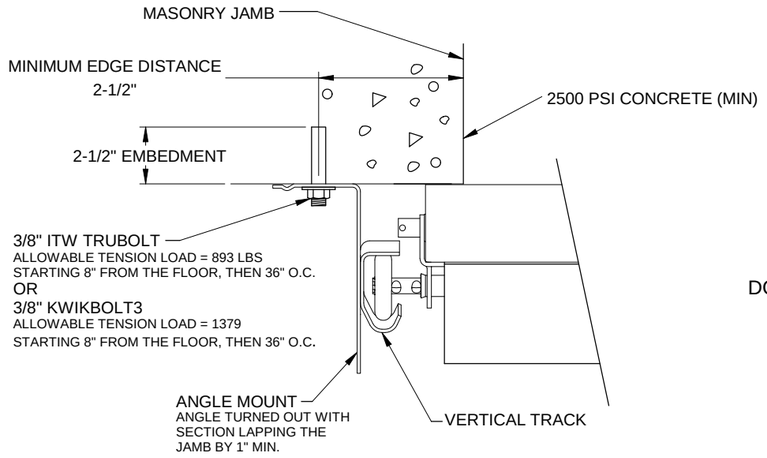
Digitally signed by
Scott A_ Brown,
P_E_
Date: 2017-10-13 10:
18:00

SCALE: NONE	RAYNOR 1101 EAST RIVER ROAD DIXON, IL. 61021	TITLE: SPEC, WINDLOAD THERMASEAL STANDARD	
DRAWN BY: G. WEDEKIND			
CHECKED BY: G. WEDEKIND			
DATE: 08/02/12		NO. P-2415	SHEET 3 OF 4 / REV B
ECO: 6338.02			



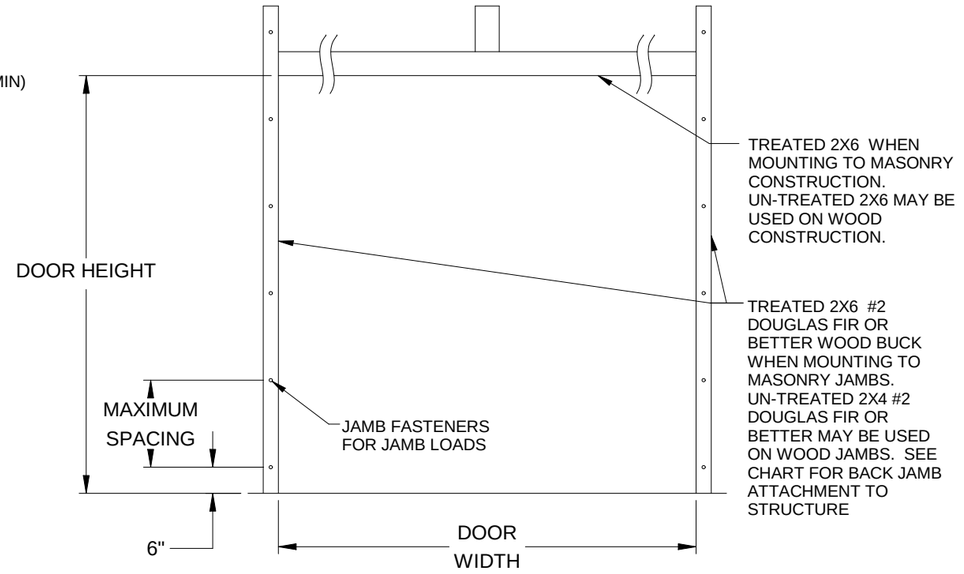
TRACK ASSEMBLY ATTACHMENT TO STEEL JAMB

2" TRACK ANGLE MOUNT TURNED IN SHOWN
3" TRACK ANGLE MOUNT AVAILABLE

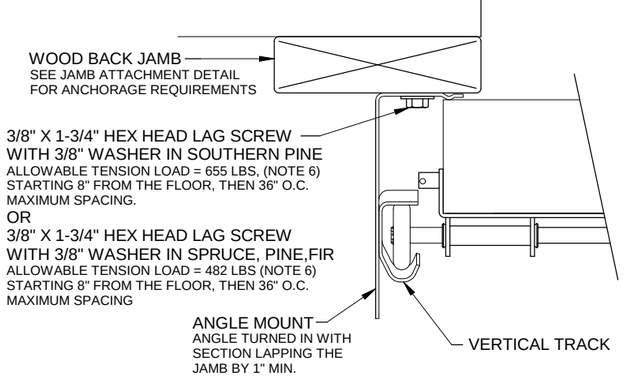


TRACK ASSEMBLY ATTACHMENT TO MASONRY JAMB

2" TRACK ANGLE MOUNT TURNED OUT SHOWN
3" TRACK ANGLE MOUNT AVAILABLE

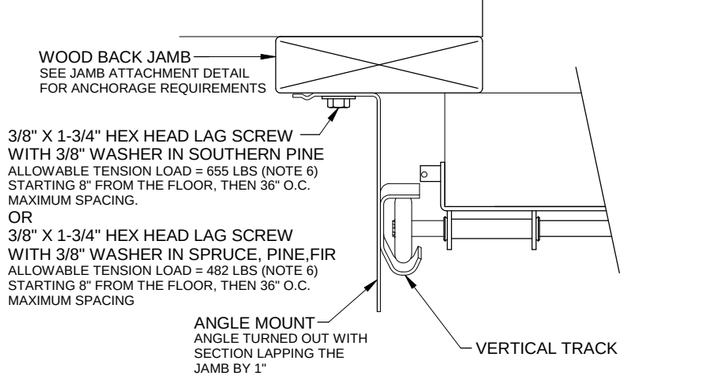


JAMB ATTACHMENT



TRACK ASSEMBLY ATTACHMENT TO WOOD BACK JAMB

2" TRACK ANGLE MOUNT TURNED IN SHOWN
3" TRACK ANGLE MOUNT AVAILABLE



TRACK ASSEMBLY ATTACHMENT TO WOOD BACK JAMB

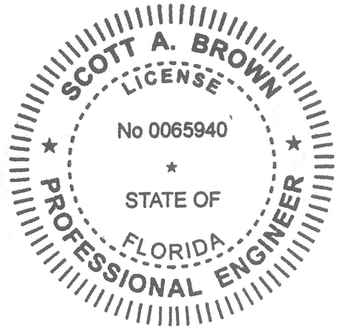
2" TRACK ANGLE MOUNT TURNED OUT SHOWN
3" TRACK ANGLE MOUNT AVAILABLE

JAMB ATTACHMENT NOTES

1. MAXIMUM POSITIVE LOAD PER JAMB = (10'-2" X 13.3 PSF) / 2 = 68 LBS PER FOOT
2. MAXIMUM NEGATIVE LOAD PER JAMB = (10'-2" X -13.3 PSF) / 2 = 68 LBS PER FOOT.
3. DESIGN OF THE SUPPORTING STRUCTURE SHALL BE THE SOLE RESPONSIBLITY 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"	620
SPRUCE PINE FIR	3/8" X 3" LAG WITH 1-1/8" OD WASHER	1.50"	1.50"	1.50"	24"	482



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

Digitally signed by
Scott A_ Brown, P_E_
Date: 2017-10-13 10:
19:42

SCALE: NONE	RAYNOR 1101 EAST RIVER ROAD DIXON, IL. 61021	TITLE: SPEC, WINDLOAD THERMASEAL STANDARD
DRAWN BY: G. WEDEKIND		
CHECKED BY: G. WEDEKIND		
DATE: 08/02/12		NO. P-2415 / SHEET 4 OF 4 / REV B
ECO: 6338.02		