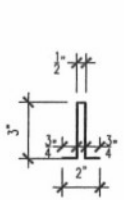
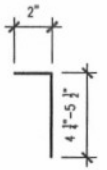
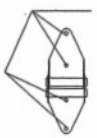


20 GA. STRUT 50 KSI

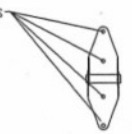


13 GA. CONT. TRACK BRACKET

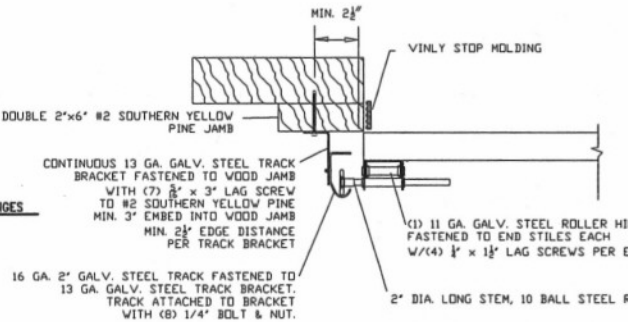
16 GA. DOOR TRACK



11 GA. END HINGES

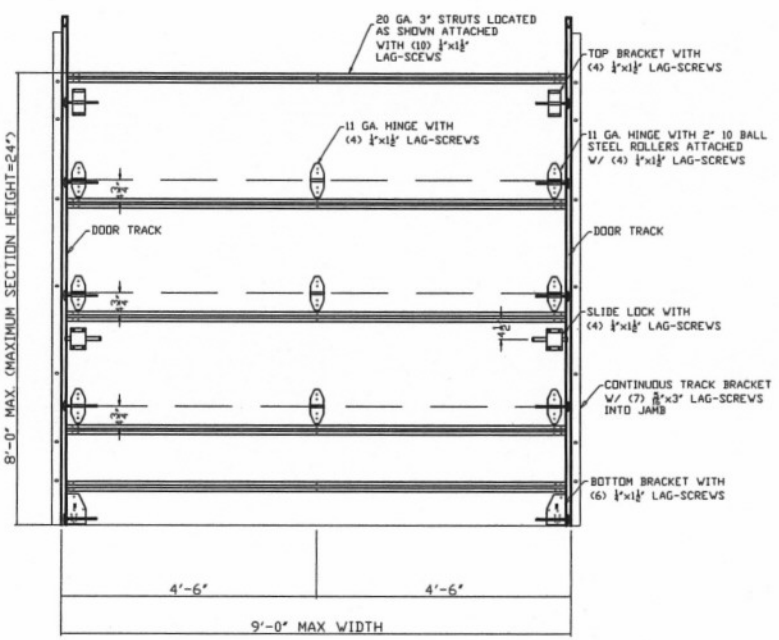


11 GA. INTERMEDIATE HINGES



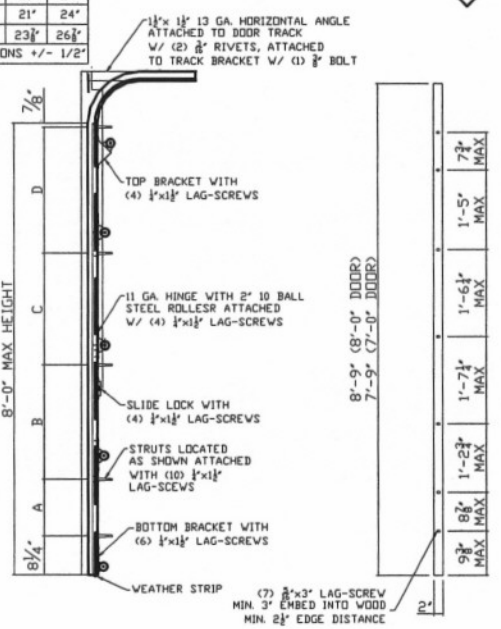
2 JAMB DETAIL
A.N.

STRUT SPACING	DOOR HEIGHT 7'-0"	DOOR HEIGHT 8'-0"
A	9"	12"
B	21"	24"
C	21"	24"
D	23⅜"	26⅜"
DIMENSIONS +/- 1/2"		



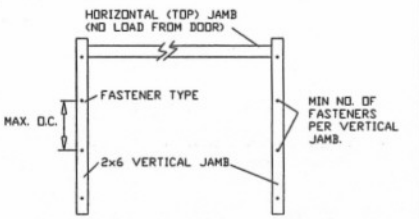
9'-0" x 8'-0" MAXIMUM OPENING

1 9'X8' SECTIONAL DOOR
A.N.



CONTINUOUS TRACK BRACKET ATTACHMENT TO WOOD

2 SECTIONAL DOOR END VIEW
A.N.



VERTICAL 2x6 JAMB ATTACHMENT INTO WOOD WALL FRAMING:
3/8" x 3" LAG SCREW W/ 1-1/8" WASHER @ 24" O.C. MAX INTO SOUTHERN PINE (G=0.55) OR 24" O.C. MAX INTO SPRUCE-PINE-FIR (G=0.42) FRAMING. LAG SCREWS MUST PENETRATE MIN. 1-1/2" INTO WOOD FRAMING. LAG SCREWS MAY BE COUNTER SUNK 1/2" TO PROVIDE A FLUSH MOUNTING SURFACE.
HORIZONTAL JAMBS DO NOT TRANSFER LOAD.
(REFERENCE DASMA TECHNICAL DATA SHEET #161)

DOOR DESIGN PRESSURES
+ 35.0 PSF
- 35.0 PSF

NOTES:
1. DESIGNED AND TESTED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL RESIDENTIAL CODE.
2. TESTED PER ANSI/DASMA 108-5 & ASTM E 330-02
2. NOT TESTED FOR IMPACT RESISTANCE.
3. DESIGN PRESSURE = +/- 35.0 PSF
4. THE DOOR SECTIONS ARE CONSTRUCTED OF 1" THICK PINE FRAMING AROUND PERIMETER AND AT HINGE LOCATIONS. A 1" FOAM CORE IS BETWEEN FRAMING. ⅛" HARD BOARD SKIN ON EITHER SIDE AND ⅝" THICK TONGUE AND GROOVE CEDAR PLANKING ON EXTERIOR SIDE.

6-1-10

Force Engineering & Testing, Inc.
State of Texas
Reg. # F-4611

REV	BY	DATE	DESCRIPTION
A	TW	5/28/10	ISSUE FOR PERMIT

DRAWN BY: AF
CHECKED BY: TW
APPROVED BY: TW
DATE DRAWN: 12/017/09
DATE CHECKED: 12/017/09
DATE APPROVED:
SCALE: N.A.

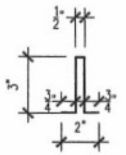
Force Engineering & Testing, Inc.
11800 Hammerwood Drive, Houston, TX 77038
(281) 820-8881 Fax (281) 820-8886

MODEL: WD-9, 8' X 9' SECTIONAL DOOR
MANUFACTURER: STEWART DOOR, LTD
MANUFACTURER ADDRESS: 17000 WEST LITTLE YORK, HOUSTON TX 77084
MANUFACTURER PHONE NUMBER: (281)-859-4139

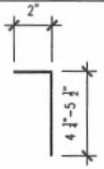
JOB NO: 370-0390T-09

MODEL: WD-9

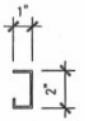
REV NO: A



20 GA. STRUT 50 KSI

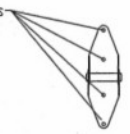


13 GA. CONT. TRACK BRACKET

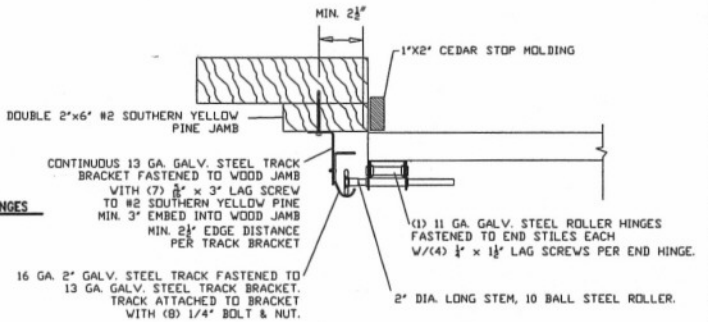


16 GA. DOOR TRACK

11 GA. END HINGES

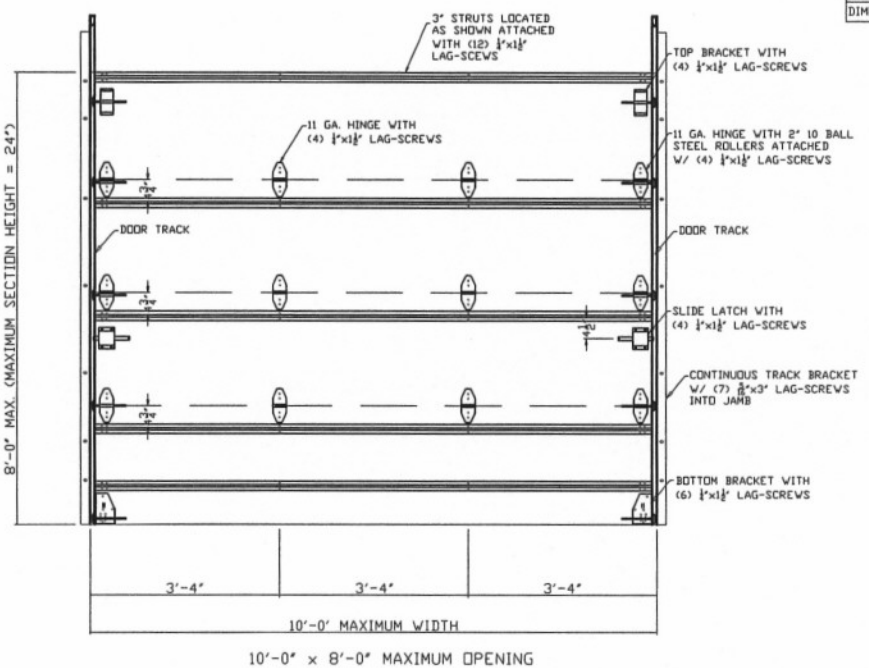


11 GA. INTERMEDIATE HINGES

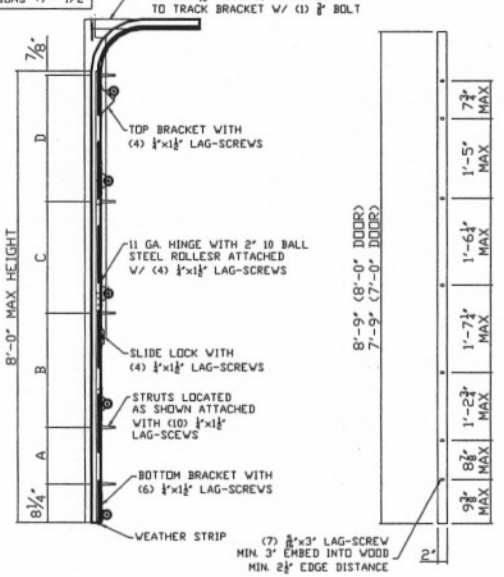


2 JAMB DETAIL
A.N.

	DOOR HEIGHT	
STRUT SPACING	7'-0"	8'-0"
A	9"	12"
B	21"	24"
C	21"	24"
D	23 3/8"	26 3/8"
DIMENSIONS +/- 1/2"		

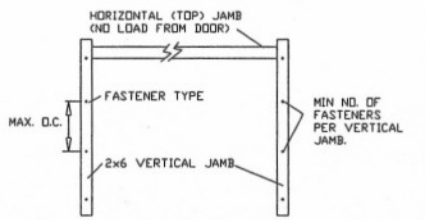


1 10'X8' SECTIONAL DOOR
A.N.



CONTINUOUS TRACK BRACKET ATTACHMENT TO WOOD

2 SECTIONAL DOOR END VIEW
A.N.



VERTICAL 2x6 JAMB ATTACHMENT INTO WOOD WALL FRAMING:
3/8" x 3" LAG SCREW W/ 1-1/8" WASHER @ 24" O.C. MAX INTO SOUTHERN PINE (G=0.55) OR 24" O.C. MAX INTO SPRUCE-PINE-FIR (G=0.42) FRAMING. LAG SCREWS MUST PENETRATE MIN. 1-1/2" INTO WOOD FRAMING. LAG SCREWS MAY BE COUNTER SUNK 1/2" TO PROVIDE A FLUSH MOUNTING SURFACE.
HORIZONTAL JAMBS DO NOT TRANSFER LOAD.
(REFERENCE DASMA TECHNICAL DATA SHEET #161)

DOOR DESIGN PRESSURES
+ 35.0 PSF
- 35.0 PSF

NOTES:
1. DESIGNED AND TESTED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL RESIDENTIAL CODE.
2. TESTED PER ANSI/DASMA 108-5 & ASTM E 330-02
2. NOT TESTED FOR IMPACT RESISTANCE.
3. DESIGN PRESSURE = +/- 35.0 PSF
4. THE DOOR SECTIONS ARE CONSTRUCTED OF 1" THICK PINE FRAMING AROUND PERIMETER AND AT HINGE LOCATIONS. A 1" FOAM CORE IS BETWEEN FRAMING. 1/8" HARD BOARD SKIN ON EITHER SIDE AND 3/8" THICK TONGUE AND GROOVE CEDAR PLANKING ON EXTERIOR SIDE.

Force Engineering & Testing, Inc.
State of Texas
Reg. # F-4611

REV	BY	DATE	DESCRIPTION
A	TW	12/17/09	ISSUE FOR PERMIT

DRAWN BY: AF
CHECKED BY: TW
APPROVED BY: TW
DATE DRAWN: 12/017/09
DATE CHECKED: 12/017/09
DATE APPROVED:
SCALE: N.A.

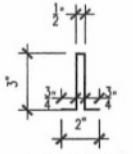
Force Engineering & Testing, Inc.
16630 Huebner Road, San Antonio, Tx 78248
(210) 545-4422 Fax (210) 545-4466

MODEL: WD-10, 8' X 10' SECTIONAL DOOR
MANUFACTURER: STEWART DOOR, LTD
MANUFACTURER ADDRESS: 17030 WEST LITTLE YORK, HOUSTON, TX 77084
MANUFACTURER PHONE NUMBER: (281) 859-8139

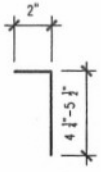
JOB NO: 370-0390T-09

MODEL: WD-10

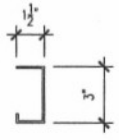
REV NO: A



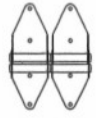
16 GA. STRUT



13 GA. CONT. TRACK BRACKET

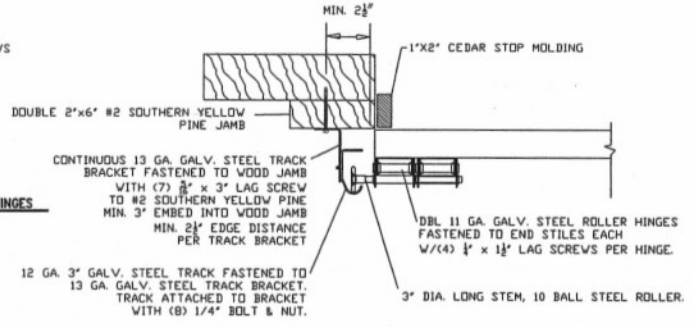


12 GA. DOOR TRACK



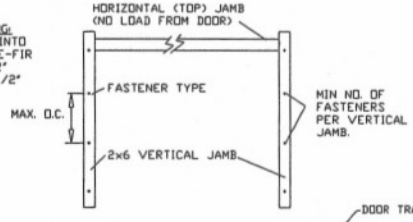
11 GA. DBL END HINGES

11 GA. INTERMEDIATE HINGES

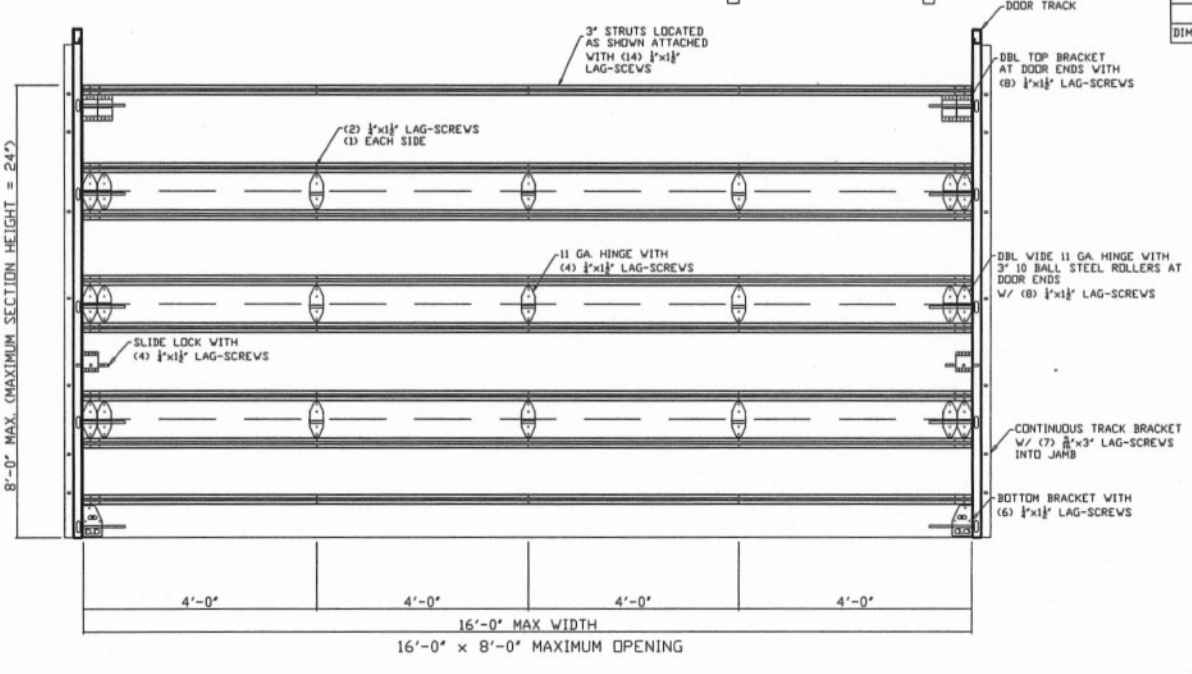


2 JAMB DETAIL
A.N.

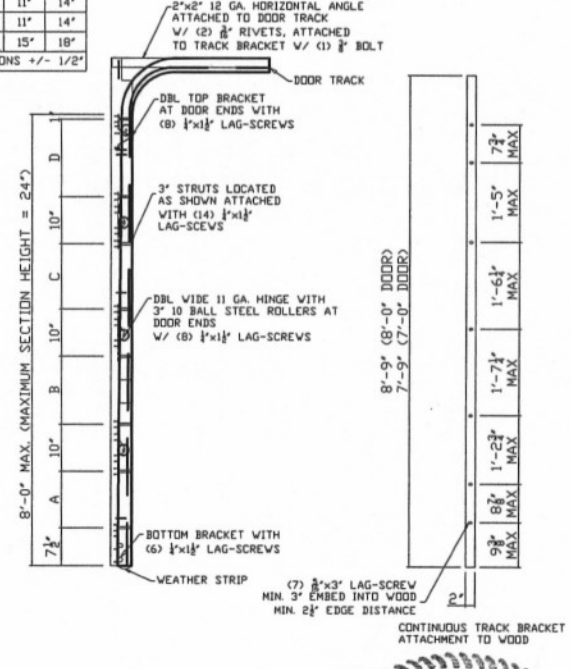
VERTICAL 2x6 JAMB ATTACHMENT INTO WOOD WALL FRAMING:
3/8" x 3" LAG SCREW W/ 1-1/8" WASHER @ 24" O.C. MAX INTO SOUTHERN PINE (G=0.55) OR 17" O.C. MAX INTO SPRUCE-PINE-FIR (G=0.42) FRAMING. LAG SCREWS MUST PENETRATE MIN. 1-1/2" INTO WOOD FRAMING. LAG SCREWS MAY BE COUNTER SUNK 1/2" TO PROVIDE A FLUSH MOUNTING SURFACE.
HORIZONTAL JAMBS DO NOT TRANSFER LOAD.
(REFERENCE DASMA TECHNICAL DATA SHEET #161)



	DOOR HEIGHT	
STRUT SPACING	7'-0"	8'-0"
A	8 1/2"	11 1/2"
B	11"	14"
C	11"	14"
D	15"	18"
DIMENSIONS +/- 1/2"		



1 16'X8' SECTIONAL DOOR
A.N.



2 SECTIONAL DOOR END VIEW
A.N.

DOOR DESIGN PRESSURES
+ 35.0 PSF
- 35.0 PSF

NOTES:
1. DESIGNED AND TESTED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL RESIDENTIAL CODE.
2. TESTED PER ANSI/DASMA 108-5 & ASTM E 330-02
2. NOT TESTED FOR IMPACT RESISTANCE.
3. DESIGN PRESSURE = +/- 35.0 PSF
4. THE DOOR SECTIONS ARE CONSTRUCTED OF 1" THICK PINE FRAMING AROUND PERIMETER AND AT HINGE LOCATIONS. A 1" FOAM CORE IS BETWEEN FRAMING. 1/8" HARD BOARD SKIN ON EITHER SIDE AND 3/8" THICK TONGUE AND GROOVE CEDAR PLANKING ON EXTERIOR SIDE.

6-1-10

Force Engineering & Testing, Inc.
State of Texas
Reg. # F-4611

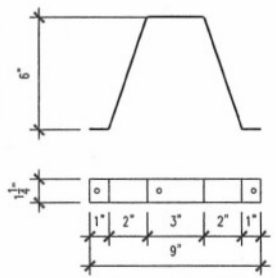
REV	BY	DATE	DESCRIPTION
A	TW	5/18/10	ISSUE FOR PERMIT

DRWN BY: AF
DATE DRWN: 12/017/09
CHECKED BY: TW
DATE CHECKED: 12/017/09
APPROVED BY: TW
DATE APPROVED:
SCALE: N.A.

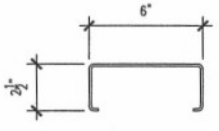
Force Engineering & Testing, Inc.
11930 Meadowood Drive, Houston, TX 77024
(281) 558-8882 Fax (281) 558-8883

MODEL: WD-16, 16' X 8' SECTIONAL DOOR
MANUFACTURER: STEWART DOOR, LTD
MANUFACTURER ADDRESS: 17030 WEST LITTLE YORK, HOUSTON, TX 77084
MANUFACTURER PHONE NUMBER: (281) 859-4339

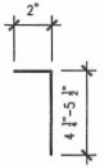
JOB NO: 370-0390T-09
MODEL: WD-16
REV NO: A



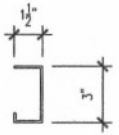
16 GA. CHANNEL STRAP



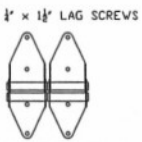
16 GA. 6X2.5 CHANNEL



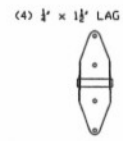
13 GA. CONT. TRACK BRACKET



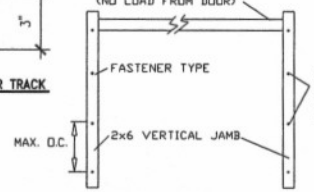
12 GA. DOOR TRACK



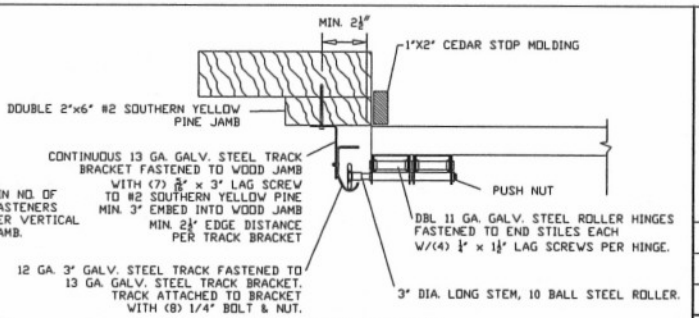
11 GA. DBL END HINGES



11 GA. INTERMEDIATE HINGES

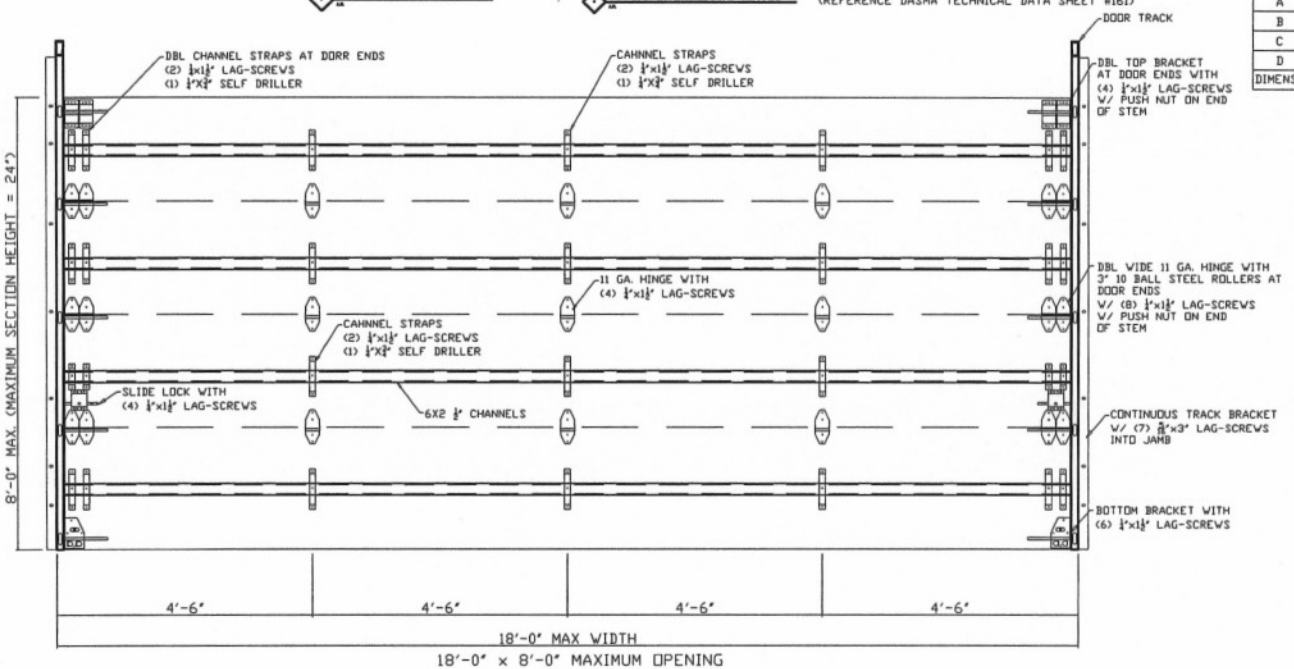


VERTICAL 2x6 JAMB ATTACHMENT INTO WOOD WALL FRAMING:
3/8" x 3" LAG SCREW W/ 1-1/8" WASHER @ 22" O.C. MAX INTO SOUTHERN PINE (G=0.55) OR 15" O.C. MAX INTO SPRUCE-PINE-FIR (G=0.42) FRAMING. LAG SCREWS MUST PENETRATE MIN. 1-1/2" INTO WOOD FRAMING. LAG SCREWS MAY BE COUNTER SUNK 1/2" TO PROVIDE A FLUSH MOUNTING SURFACE.
HORIZONTAL JAMBS DO NOT TRANSFER LOAD.
(REFERENCE DASMA TECHNICAL DATA SHEET #161)

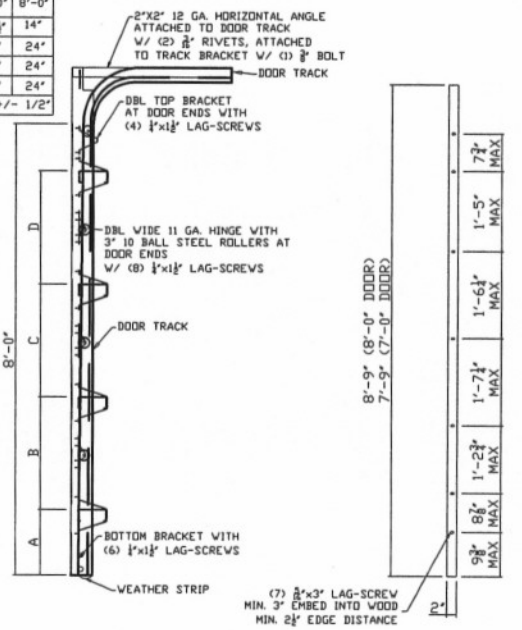


2 JAMB DETAIL
A.N.

	DOOR HEIGHT	
CHANNEL SPACING	7'-0"	8'-0"
A	12⅛"	14"
B	21"	24"
C	21"	24"
D	21"	24"
DIMENSIONS +/- 1/2"		



1 18'X8' SECTIONAL DOOR
A.N.



2 SECTIONAL DOOR END VIEW
A.N.

DOOR DESIGN PRESSURES
+ 35.0 PSF
- 35.0 PSF

NOTES:
1. DESIGNED AND TESTED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL RESIDENTIAL CODE.
2. TESTED PER ANSI/DASMA 108-5 & ASTM E 330-02
2. NOT TESTED FOR IMPACT RESISTANCE.
3. DESIGN PRESSURE = +/- 35.0 PSF
4. THE DOOR SECTIONS ARE CONSTRUCTED OF 1" THICK PINE FRAMING AROUND PERIMETER AND AT HINGE LOCATIONS. A 1" FOAM CORE IS BETWEEN FRAMING. ⅛" HARD BOARD SKIN ON EITHER SIDE AND ⅜" THICK TONGUE AND GROOVE CEDAR PLANKING ON EXTERIOR SIDE.

6-1-10

Force Engineering & Testing, Inc.
State of Texas
Reg. # F-4611

DESCRIPTION	DATE	BY	REV
ISSUE FOR PERMIT	12/01/09	TW	A

DRWN BY: AF
CHECKED BY: TW
DATE DRAWN: 12/01/09
DATE CHECKED: 12/01/09
APPROVED BY: TW
DATE APPROVED:
SCALE: N.A.

Force Engineering & Testing, Inc.
11630 Shadowood Drive, Houston, TX 77043
(281) 558-6480 Fax (281) 558-6486

MODEL: WD-18, 18' X 8' SECTIONAL DOOR
MANUFACTURER: STEWART DOOR, LTD
MANUFACTURER ADDRESS: 17030 WEST LITTLE YORK, HOUSTON, TX 77084
MANUFACTURER PHONE NUMBER: (281) 859-4339
JOB NO: 370-0390T-09
MODEL: WD-18
REV NO: A