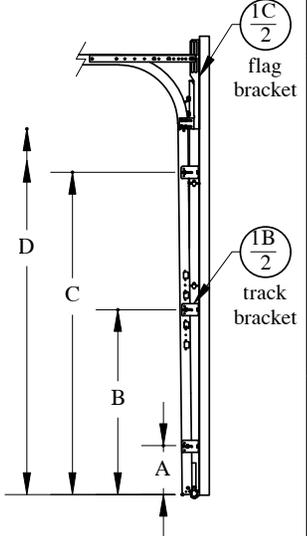


Door Model	Gauge int/ext	Decimal int/ext
2283/2284	27 / 27	.0155 / .0155
2285/2286	27 / 26	.0155 / .0170
4285	27 / 26	.0155 / .0170

door height	section quantity	strut quantity	trk bkt per side
6'-6" to 7'-0"	4	8	3
7'-6" to 8'-0"	5	9	4
8'-3" to 8'-9"	5	10	4
9'-0" to 10'-6"	6	12	5
10'-9" to 12'-3"	7	14	6
12'-6" to 14'-0"	8	16	7

Refer to Supplemental Instructions for strut placement on doors over 7'-0" high



Track Bracket Chart		door height								
		6'-6"	6'-9"	7'-0"	7'-6"	7'-9"	8'-0"	8'-3"	8'-6"	8'-9"
track brackets	D	n/a	n/a	n/a	72"	69"	72"	81"	84"	87"
	C	60"	63"	66"	58"	55"	58"	60"	63"	66"
	B	35"	35"	38"	34"	31"	34"	32"	35"	38"
	A	10"	7"	10"	10"	7"	10"	4"	7"	10"

Track bracket locations shown above are for doors up to five sections high. Additional door sections may be added for a maximum door height of 14'-0". One track bracket (per track) must be added for each section and spaced at a distance not greater than the corresponding section height.

This door has been tested in accordance with ANSI/DASMA 108-2002
 Design Pressure (DP): 30.0 pos / 33.5 neg
 Test Pressure (TP): 45.0 pos / 50.3 neg

Per 2005 ASCE/SEI 7-05, DP meets or exceeds basic wind speed of;
 V = 140 MPH for Exposure B and mean roof height of 30' or less
 V = 119 MPH for Exposure C and mean roof height of 30' or less

Maximum door size: 18'-0" wide by 14'-0" tall

Glazing and door have not been tested for windborne debris.

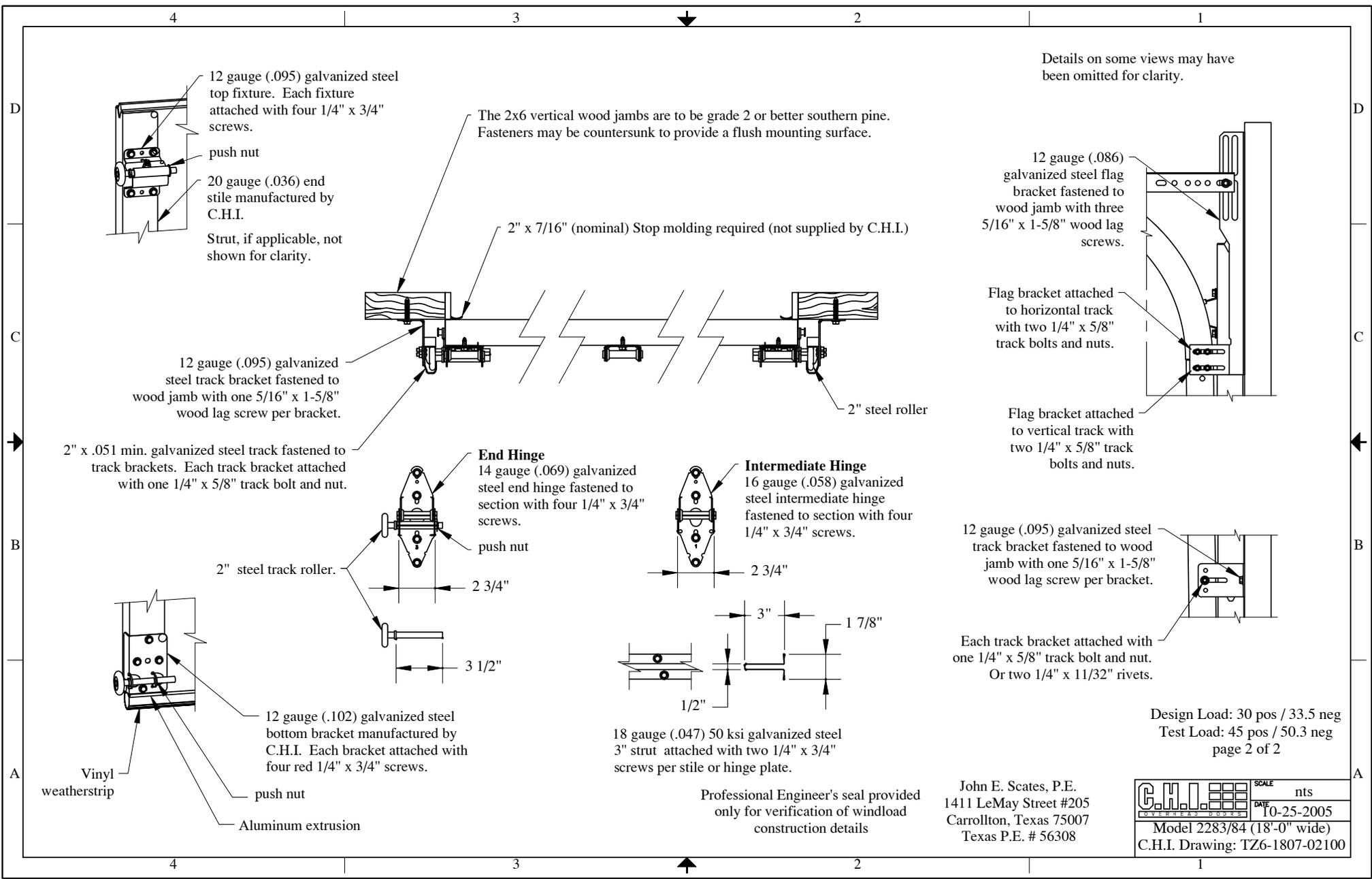
Wood buck and supporting structural elements shall be designed by a registered professional engineer for wind loads shown on this drawing.

If door is not electrically operated, a lock must be installed.

Professional Engineer's seal provided only for verification of windload construction details

John E. Scates, P.E.
 1411 LeMay Street #205
 Carrollton, Texas 75007
 Texas P.E. # 56308

	SCALE	nts
	DATE	10-25-2005
	Model 2283/84 (18'-0" wide)	
C.H.I. Drawing: TZ6-1807-02100		



12 gauge (.095) galvanized steel top fixture. Each fixture attached with four 1/4" x 3/4" screws.

push nut

20 gauge (.036) end stile manufactured by C.H.I.

Strut, if applicable, not shown for clarity.

The 2x6 vertical wood jambs are to be grade 2 or better southern pine. Fasteners may be countersunk to provide a flush mounting surface.

2" x 7/16" (nominal) Stop molding required (not supplied by C.H.I.)

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

2" x .051 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4" x 5/8" track bolt and nut.

End Hinge
14 gauge (.069) galvanized steel end hinge fastened to section with four 1/4" x 3/4" screws.

push nut

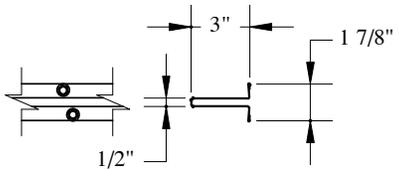
Intermediate Hinge
16 gauge (.058) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.

2" steel track roller.

2 3/4"

2 3/4"

3 1/2"



18 gauge (.047) 50 ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws per stile or hinge plate.

Professional Engineer's seal provided only for verification of windload construction details

Details on some views may have been omitted for clarity.

12 gauge (.086) galvanized steel flag bracket fastened to wood jamb with three 5/16" x 1-5/8" wood lag screws.

Flag bracket attached to horizontal track with two 1/4" x 5/8" track bolts and nuts.

Flag bracket attached to vertical track with two 1/4" x 5/8" track bolts and nuts.

12 gauge (.095) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

Each track bracket attached with one 1/4" x 5/8" track bolt and nut. Or two 1/4" x 11/32" rivets.

Vinyl weatherstrip

12 gauge (.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.

push nut

Aluminum extrusion

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Carrollton, Texas 75007
Texas P.E. # 56308

Design Load: 30 pos / 33.5 neg
Test Load: 45 pos / 50.3 neg
page 2 of 2

	SCALE	nts
	DATE	10-25-2005
	Model 2283/84 (18'-0" wide)	
C.H.I. Drawing: TZ6-1807-02100		