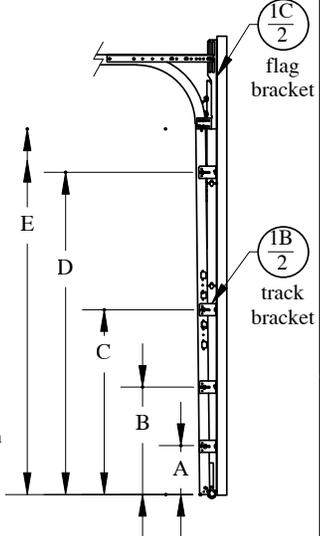


Door Model	Gauge int/ext	Decimal int/ext
2283/2284	27 / 27	.0155 / .0155
2285/2286	27 / 26	.0155 / .0170
4285*	27 / 26	.0155 / .0170

* lites not available in this model

door height	section quantity	strut quantity	trk bkt per side
6'-6" to 7'-0"	4	10	4
7'-6" to 8'-0"	5	12	5
8'-3" to 8'-9"	5	12	5
9'-0" to 10'-6"	6	14	6
10'-9" to 12'-3"	7	16	7
12'-6" to 14'-0"	8	18	8

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	E	n/a	n/a	n/a	72"	69"	72"	81"	84"	87"
	D	60"	63"	66"	58"	55"	58"	60"	63"	66"
	C	35"	35"	38"	34"	31"	34"	32"	35"	38"
	B	19"	19"	22"	18"	16-1/2"	19-1/2"	16"	19"	22"
	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): 34.4 pos / 38.3 neg
 Test Pressure (TP): 51.6 pos / 57.5 neg

Per 2005 ASCE/SEI 7-05, DP meets or exceeds basic wind speed of;
 V = 150 MPH for Exposure B and mean roof height of 30' or less
 V = 128 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.

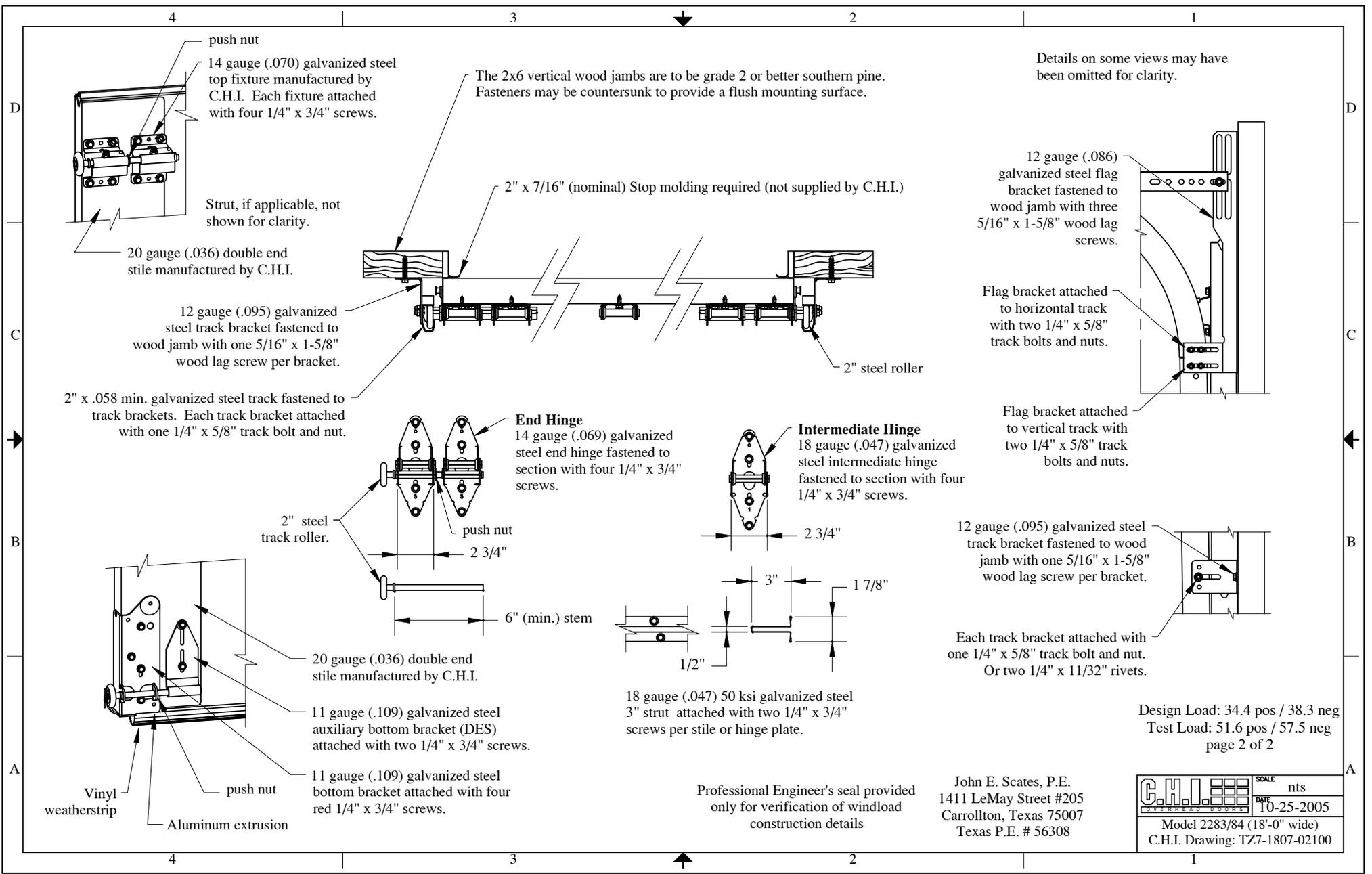
Wood buck and supporting structural elements shall be designed by a registered professional engineer for wind loads shown on this drawing.

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: TZ7-1807-02100	



push nut
 14 gauge (.070) galvanized steel top fixture manufactured by C.H.I. Each fixture attached with four 1/4" x 3/4" screws.

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

Details on some views may have been omitted for clarity.

Strut, if applicable, not shown for clarity.

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

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

20 gauge (.036) double end stile manufactured 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.

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

2" x .058 min. galvanized steel track fastened to track brackets. Each track bracket attached with one 1/4" x 5/8" track bolt and nut.

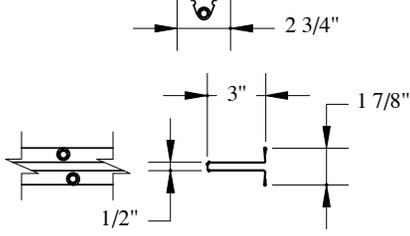
2" steel roller

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

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

Intermediate Hinge
 18 gauge (.047) galvanized steel intermediate hinge fastened to section with four 1/4" x 3/4" screws.

2" steel track roller.
 2 3/4"



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.

Design Load: 34.4 pos / 38.3 neg
 Test Load: 51.6 pos / 57.5 neg
 page 2 of 2

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

11 gauge (.109) galvanized steel auxiliary bottom bracket (DES) attached with two 1/4" x 3/4" screws.

11 gauge (.109) galvanized steel bottom bracket attached with four red 1/4" x 3/4" screws.

Vinyl weatherstrip
 push nut
 Aluminum extrusion

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

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