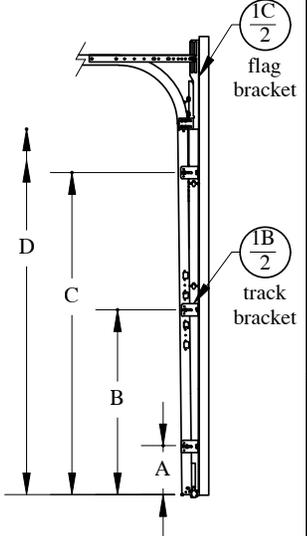


| Door Model | Gauge int/ext | Decimal int/ext |
|------------|---------------|-----------------|
| 2283/2284 | 27 / 27 | .0155 / .0155 |
| 2285/2286 | 27 / 26 | .0155 / .0170 |
| 4285 | 27 / 26 | .0155 / .0170 |

| door height | section quantity | strut quantity | trk bkt per side |
|------------------|------------------|----------------|------------------|
| 6'-6" to 7'-0" | 4 | 6 | 3 |
| 7'-6" to 8'-0" | 5 | 7 | 4 |
| 8'-3" to 8'-9" | 5 | 8 | 4 |
| 9'-0" to 10'-6" | 6 | 10 | 5 |
| 10'-9" to 12'-3" | 7 | 12 | 6 |
| 12'-6" to 14'-0" | 8 | 14 | 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): 22.0 pos / 24.5 neg
 Test Pressure (TP): 33.0 pos / 36.8 neg

Per 2005 ASCE/SEI 7-05, DP meets or exceeds basic wind speed of;
 V = 120 MPH for Exposure B and mean roof height of 30' or less
 V = 102 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.

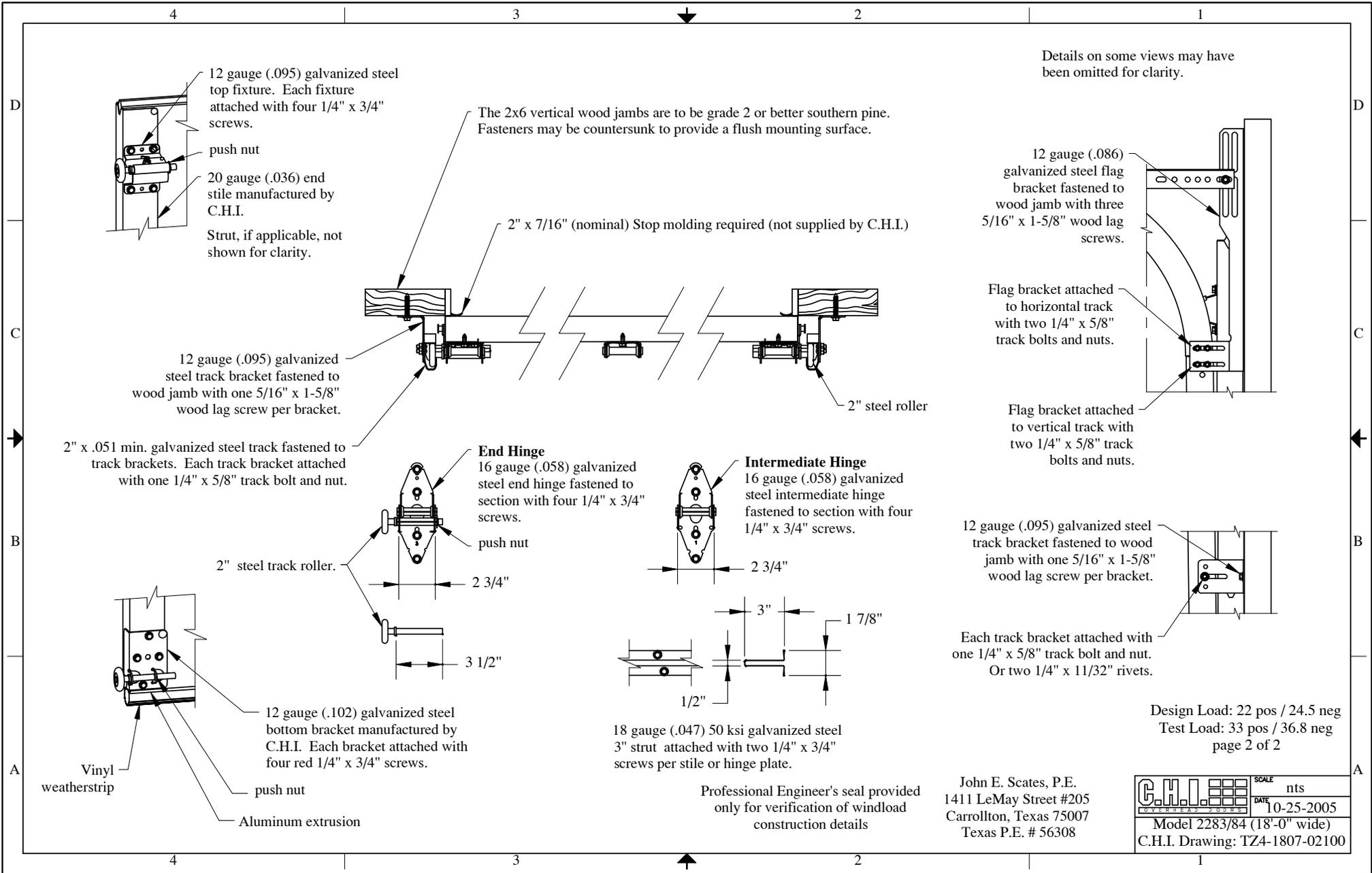
Wood buck and supporting structural elements shall be designed by a registered professional engineer for wind loads shown on this drawing.

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

| | | |
|--------------------------------------|-----------------------------|------------|
| C.H.I. CONCRETE INDUSTRIES | SCALE | nts |
| | DATE | 10-25-2005 |
| | Model 2283/84 (18'-0" wide) | |
| C.H.I. Drawing: TZ4-1807-02100 | | |



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.

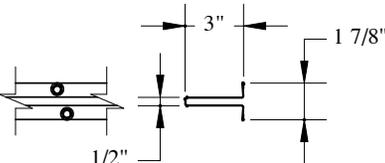
End Hinge
16 gauge (.058) galvanized steel end hinge fastened to section with four 1/4" x 3/4" screws.

push nut

2 3/4"

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

2 3/4"



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.

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

Vinyl weatherstrip

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

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

Design Load: 22 pos / 24.5 neg
Test Load: 33 pos / 36.8 neg
page 2 of 2

| | | |
|--------------------------------|-----------------------------|------------|
| C.H.I. | SCALE | nts |
| | DATE | 10-25-2005 |
| | Model 2283/84 (18'-0" wide) | |
| C.H.I. Drawing: TZ4-1807-02100 | | |