

CLOPAY / IDEAL / HOLMES  
3717 / C7X17 / -- / 27GA 1.75" THICK MINOR RIB  
3718 / C7X18 / -- / 27GA 1.75" THICK FLUSH  
3720 / C7X20 / 240U / 27GA 2" THICK MINOR RIB  
3722 / COX22 / -- / 20GA 2" THICK FLUSH  
3724 / C7X24 / 244U / 24GA 2" THICK MINOR RIB  
3730 / -- / -- / 27GA 3" THICK MINOR RIB

SHEET:  
1 OF 4

REVISIONS

| REV. NO. | ZONE: | DATE:    | ECN NO. | APPVD: | DESCRIPTION                                |
|----------|-------|----------|---------|--------|--------------------------------------------|
| 01       | -     | 3/7/14   | -       | SH     | CORRECTED TYPO ON ELEVATION VIEW.          |
| 02       | -     | 05/13/14 | -       | RJK    | NEW IMPACT WINDOW CROSS SECTION SHEET 2    |
| 03       | -     | 04/13/15 | -       | SH     | UPDATED WIND SPEED TABLE.                  |
| 04       | -     | 8/10/20  | -       | SH     | UPDATED TITLE BLOCK AND REMOVED WIND CHART |
| 05       | -     | 02/2021  | EN2836  | -      | ADDED 3" DOOR MODEL 3730.                  |
| 06       | -     | 10/6/25  | -       | -      | REVISED IMPACT RESISTANT GLAZING DETAILS   |

OPTIONAL GLAZING SHALL BE IMPACT RESISTANT GLAZING. MAXIMUM GLAZING SIZE (DLO) IS 22"x9-7/8". SEE SECTION B-B ON SHEET 2 FOR DETAILS.  
GLAZING MAY BE INSTALLED IN TOP SECTION (NOT SHOWN) OR INTERMEDIATE SECTION (SHOWN).

(1) 20 GA. GALV. STEEL BACKER PLATE AT EACH INTERMEDIATE HINGE LOCATION. BACKER PLATE ATTACHED WITH DOUBLE SIDED ACRYLIC ADHESIVE TO BACK OF DOOR.

16 GA. DOUBLE END STILE



VIEW "B"  
VIEW "C"

(1) 4" T-STRUT PER SECTION.

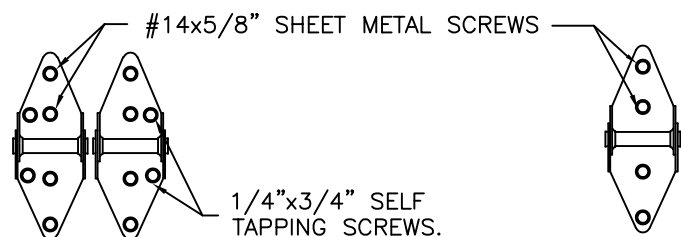
LOCK POSITION (BOTH SIDES).

T-STRUT.

(2) LHR TOP BRACKETS USED AS INNER BOTTOM BRACKET.

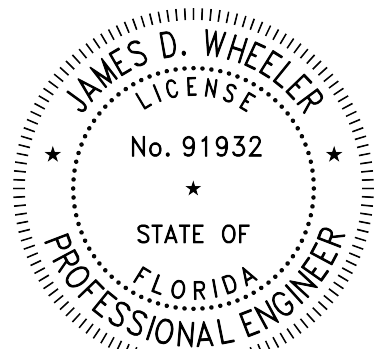
MAX. DOOR WIDTH = 12'-2"  
INSIDE ELEVATIONS

| DOOR HEIGHT 'A'    | NUMBER OF SECTIONS |
|--------------------|--------------------|
| UP TO 8'-0"        | 4                  |
| 8'-3" THRU 10'-0"  | 5                  |
| 10'-3" THRU 12'-0" | 6                  |
| 12'-3" THRU 14'-0" | 7                  |
| 14'-3" THRU 16'-0" | 8                  |
| 16'-3" THRU 18'-0" | 9                  |

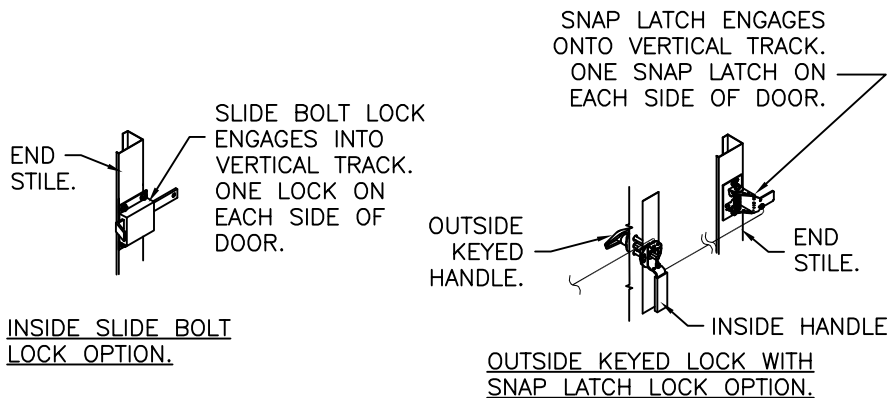


14 GA. END HINGES  
VIEW "B"

14 GA. (MIN.) INTERMEDIATE HINGE  
VIEW "C"

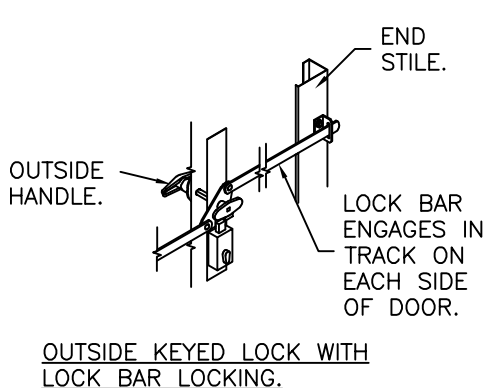


DESIGN ENGINEER:  
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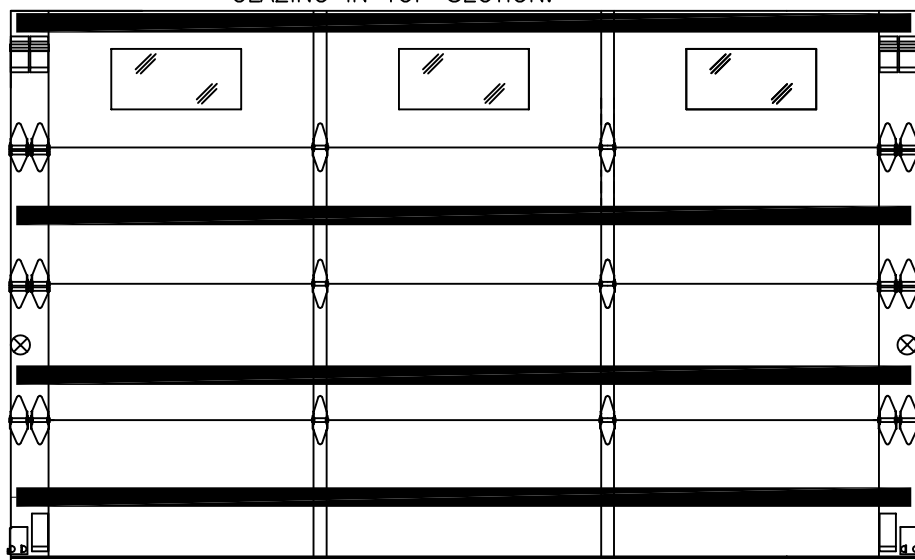
INSIDE SLIDE BOLT LOCK OPTION.

OUTSIDE KEYED LOCK WITH SNAP LATCH LOCK OPTION.



OUTSIDE KEYED LOCK WITH LOCK BAR LOCKING.

T-STRUTS SHOWN WITH GLAZING IN TOP SECTION.



DESIGN LOADS: +52.0 P.S.F. & -58.0 P.S.F.  
TEST LOADS: +78.0 P.S.F. & -87.0 P.S.F.

Unless Stated Otherwise  
TOLERANCES are  
.0 = ±.031  
.00 = ±.015  
.000 = ±.005  
.0000 = ±.001  
Degrees = ±1/2°  
Unless Stated Otherwise  
DIMENSIONS ARE IN INCHES.

**Clopay**  
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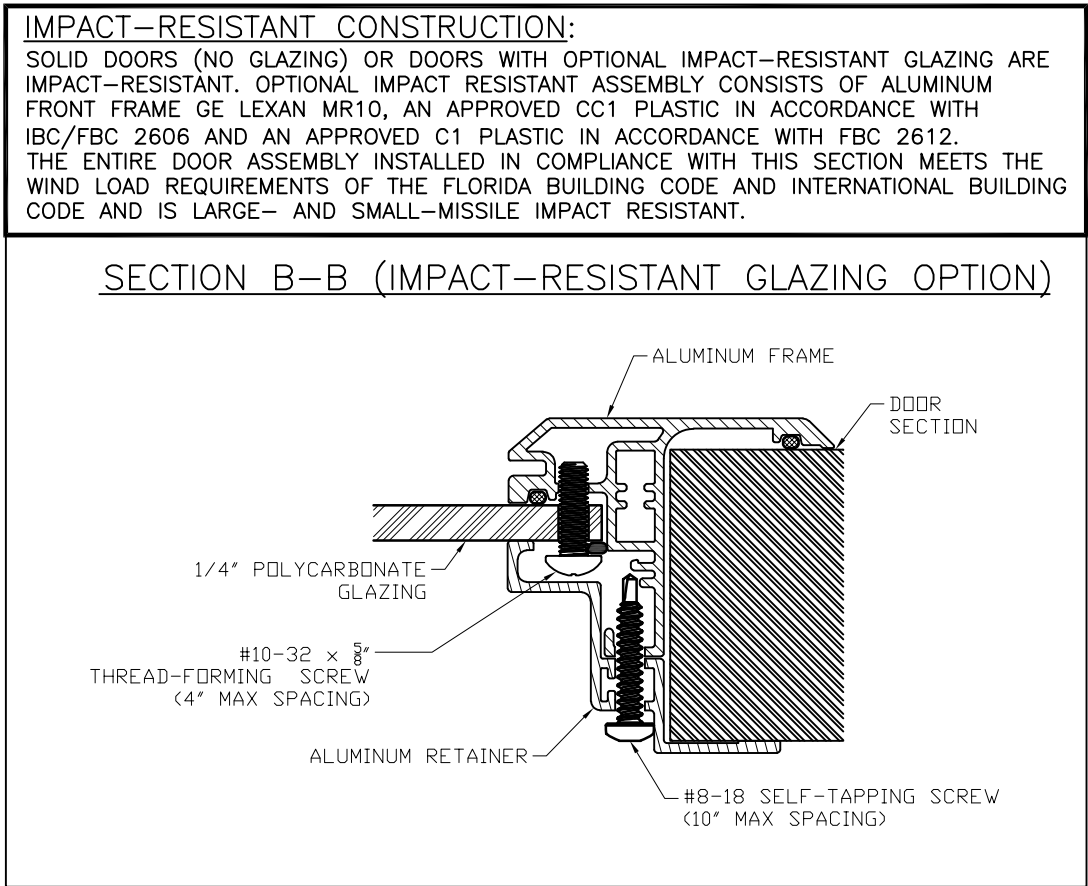
|                                                               |              |              |             |
|---------------------------------------------------------------|--------------|--------------|-------------|
| DESCRIPTION: 1-3/4" INTELICORE DOORS UP TO 12'2"W (SEE TABLE) |              |              |             |
| DRAWN BY: SH                                                  | DATE: 4/7/14 | SCALE: NTS   | DWG. SIZE B |
| CHECKED BY: SH                                                | DATE: 4/7/14 | SHEET 1 OF 4 |             |
| DWG. NO.: 104815                                              |              | VER: IBC     |             |

MANUFACTURING PRODUCT CODE  
C-DSIU-1D477

PART NO.: N/A

WINDLOAD RATING  
W8 DP52T

FLORIDA PRODUCT APPROVAL 48387.16



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DRAWN BY: SH

DATE: 4/7/14

SCALE: NTS

DWG. SIZE B

CHECKED BY: SH

DATE: 4/7/14

SHEET 2 OF 4

DWG. NO.: 104815

VER: IBC

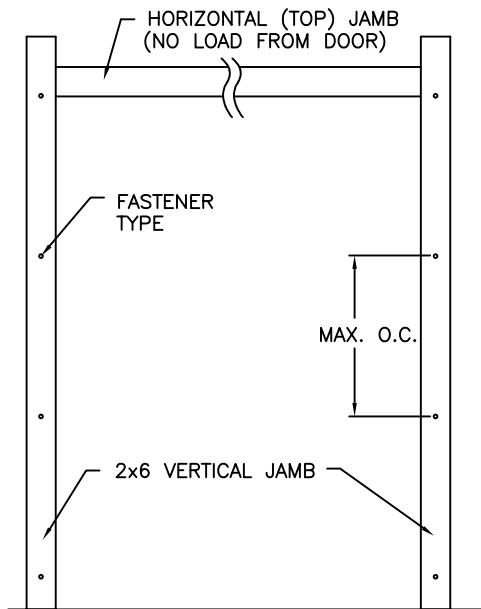
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WINDLOAD RATING  
W8 DP52T

| 4      |   |       |   |                                 |
|--------|---|-------|---|---------------------------------|
| CLOPAY | / | IDEAL | / | HOLMES                          |
| 3717   | / | C7X17 | / | -- / 27GA 1.75" THICK MINOR RIB |
| 3718   | / | C7X18 | / | -- / 27GA 1.75" THICK FLUSH     |
| 3720   | / | C7X20 | / | 240U / 27GA 2" THICK MINOR RIB  |
| 3722   | / | COX22 | / | -- / 20GA 2" THICK FLUSH        |
| 3724   | / | C7X24 | / | 244U / 24GA 2" THICK MINOR RIB  |
| 3730   | / | --    | / | -- / 27GA 3" THICK MINOR RIB    |

|        |  |           |       |       |         |        |                                    |
|--------|--|-----------|-------|-------|---------|--------|------------------------------------|
| SHEET: |  | REVISIONS |       |       |         |        |                                    |
| 3 OF 4 |  | REV. NO.  | ZONE: | DATE: | ECN NO. | APPVD: | DESCRIPTION                        |
|        |  | 06        | -     | -     | -       | -      | SEE REVISION HISTORY ON SHEET ONE. |

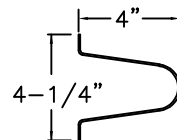


### JAMB TO SUPPORTING STRUCTURE ATTACHMENT

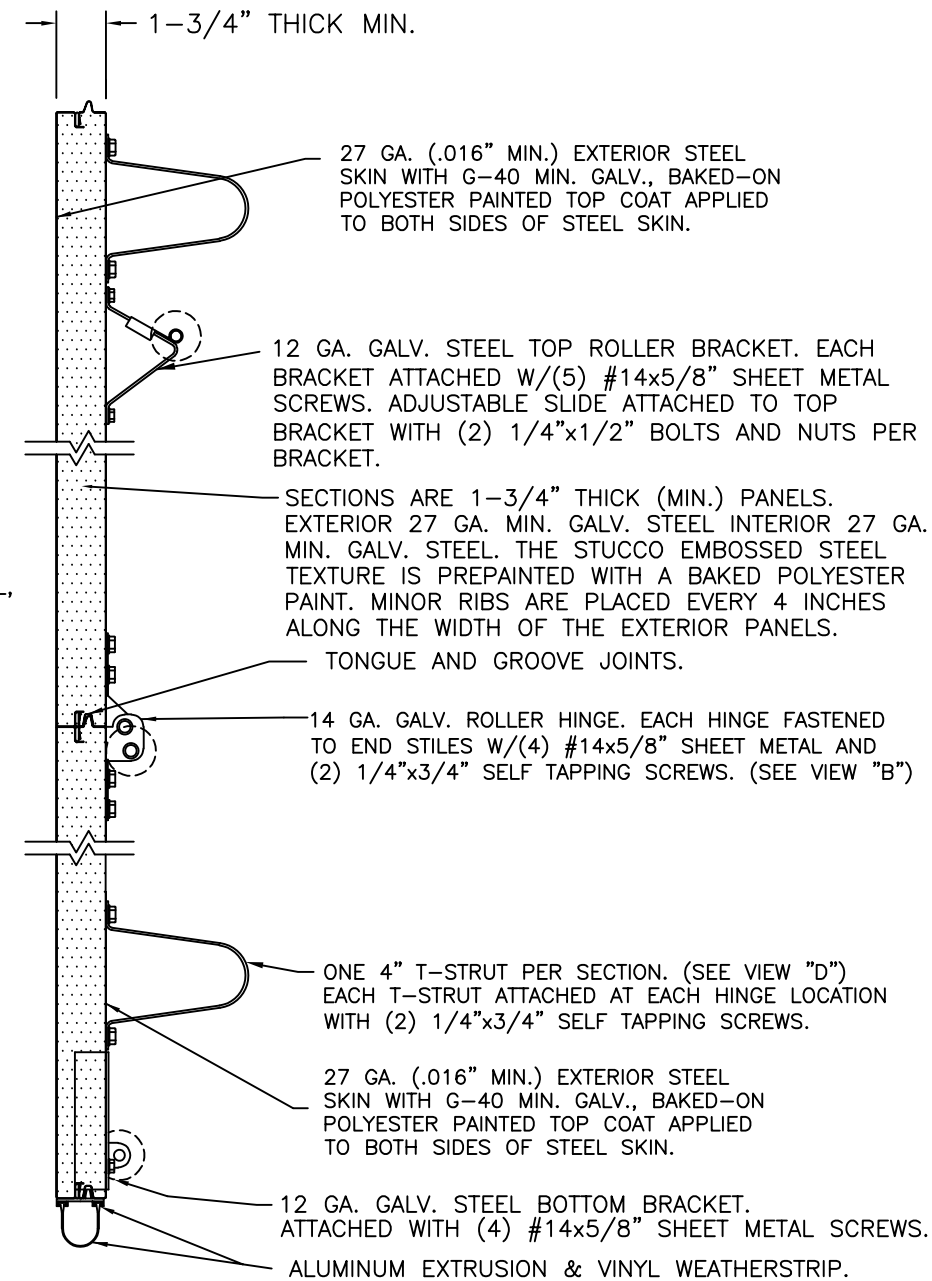
#### NOTES:

1. ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL SYP (GRADE #2 OR BETTER) JAMBS. NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
2. EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +300 LB & -348 LB. PER LINEAR FOOT OF JAMB.
3. ALL JAMB FASTENERS MAY BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.
4. A 1/3 STRESS INCREASE FOR WIND LOAD WAS NOT USED IN THE CALCULATION OF ALLOWABLE LOADS FOR ANCHORS AND FASTENERS FOR STEEL, CONCRETE AND MASONRY.

**NOTE:** 2x6 WOOD JAMBS ARE NOT REQUIRED WITH CONTINUOUS ANGLE MOUNT TRACK. HOWEVER, IF DESIRED ON STEEL JAMBS OR CONCRETE OR BLOCK WALLS, APPROVED FASTENERS AS DETAILED BELOW SHOULD BE INCREASED IN LENGTH BY 1-1/2" AND INSTALLED DIRECTLY THROUGH THE ANGLE AND 2x6 WOOD JAMBS INTO THE STEEL JAMBS OR CONCRETE OR BLOCK WALLS. ANCHORS CAN BE (BUT ARE NOT REQUIRED TO BE) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE. CONTINUOUS ANGLE TRACK CAN BE ANCHORED DIRECTLY TO GROUT REINFORCED BLOCK WALL OR 3,000 PSI MIN. CONCRETE COLUMN OR STEEL JAMBS.



**VIEW "D"**  
4" TALL TAPER STRUT.  
0.057" MIN. GALV. STEEL,  
50 KSI MIN.



**SECTION A-A (SIDE VIEW)**

### FASTENER ATTACHMENT TO SUPPORTING STRUCTURE SCHEDULES

| BUILDING TYPE            | FASTENER TYPE                                                        | MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS* | STEEL WASHERS REQUIRED? |
|--------------------------|----------------------------------------------------------------------|-----------------------------------------------|-------------------------|
| HOLLOW BLOCK WALL        | 1/4" x 1-1/4" MIN. EMBED ULTRACON CONCRETE ANCHOR                    | 5-1/2"                                        | 1" O.D.                 |
| GROUT FILLED BLOCK WALL  | 1/4" x 1-3/4" MIN. EMBED ULTRACON CONCRETE ANCHOR                    | 9"                                            | 1" O.D.                 |
| 2000 PSI MIN. CONCRETE   | 1/4" x 1" MIN. EMBED ULTRACON CONCRETE ANCHOR                        | 8"                                            | 1" O.D.                 |
| 2000 PSI MIN. CONCRETE   | 1/4" x 1" MIN. EMBED TAPCON CONCRETE ANCHOR                          | 6-1/2"                                        | 1" O.D.                 |
| 2000 PSI MIN. CONCRETE   | 3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR              | 16-3/4"                                       | INCLUDED                |
| 4000 PSI MIN. CONCRETE   | 3/8" x 1-3/4" MIN. EMBED WEJ-IT ANKR TITE SLEEVE ANCHOR              | 24"                                           | INCLUDED                |
| WOOD FRAME (SYP 0.55 SG) | 1/2" x 3" LAG SCREW (ASTM A307, GRADE A) 1-5/8" EMBED INTO STRUCTURE | 18"                                           | 1" O.D.                 |
| 14GA STEEL (0.060" MIN.) | 1/4"-14 x 1" ITW BUILDDEX TEKS SELF-DRILLING FASTENER                | 7-1/2"                                        | 1" O.D.                 |
| 12GA STEEL (0.105" MIN.) | 1/4"-14 x 1" ITW BUILDDEX TEKS SELF-DRILLING FASTENER                | 13-1/4"                                       | 1" O.D.                 |
| 1/8" STEEL               | 1/4"-14 x 1" ITW BUILDDEX TEKS SELF-DRILLING FASTENER                | 15-3/4"                                       | 1" O.D.                 |

\* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.  
CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.  
MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 2-1/2", EXCLUDING STUCCO THICKNESS.

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| DRAWN BY: SH                                                   | DATE: 4/7/14 | SCALE: NTS   | DWG. SIZE B |
| CHECKED BY: SH                                                 | DATE: 4/7/14 | SHEET 3 OF 4 |             |
| DWG. NO.: 104815                                               | VER: IBC     |              |             |

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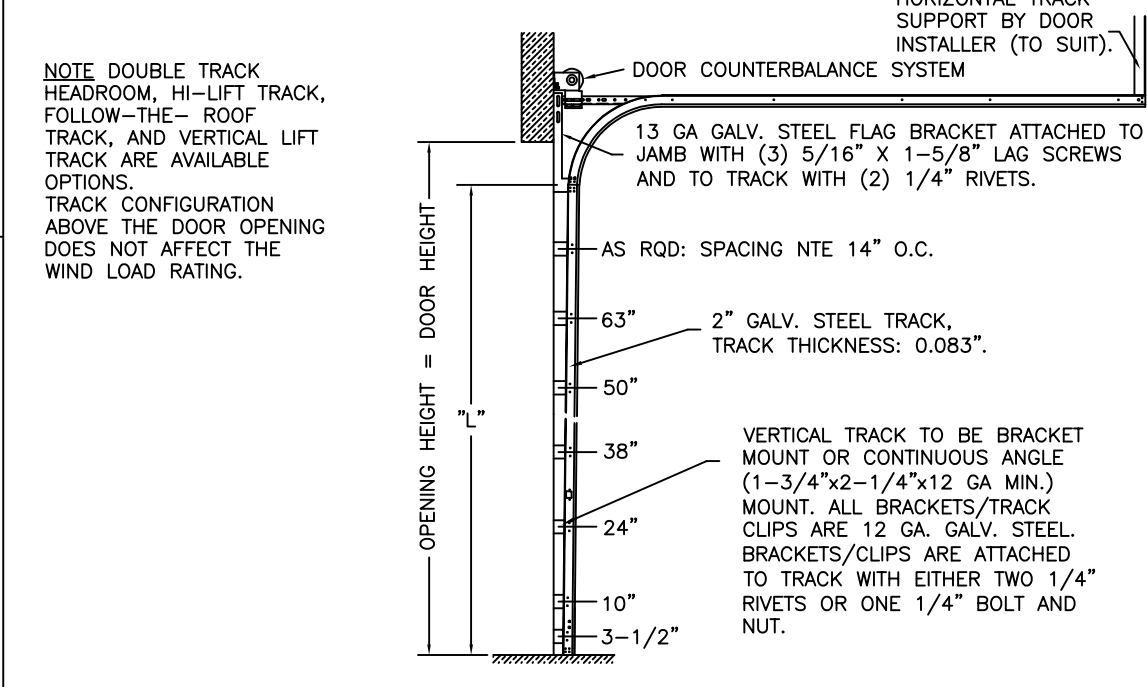
PART NO.: N/A

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W8 DP52T

FLORIDA PRODUCT APPROVAL 48387.16

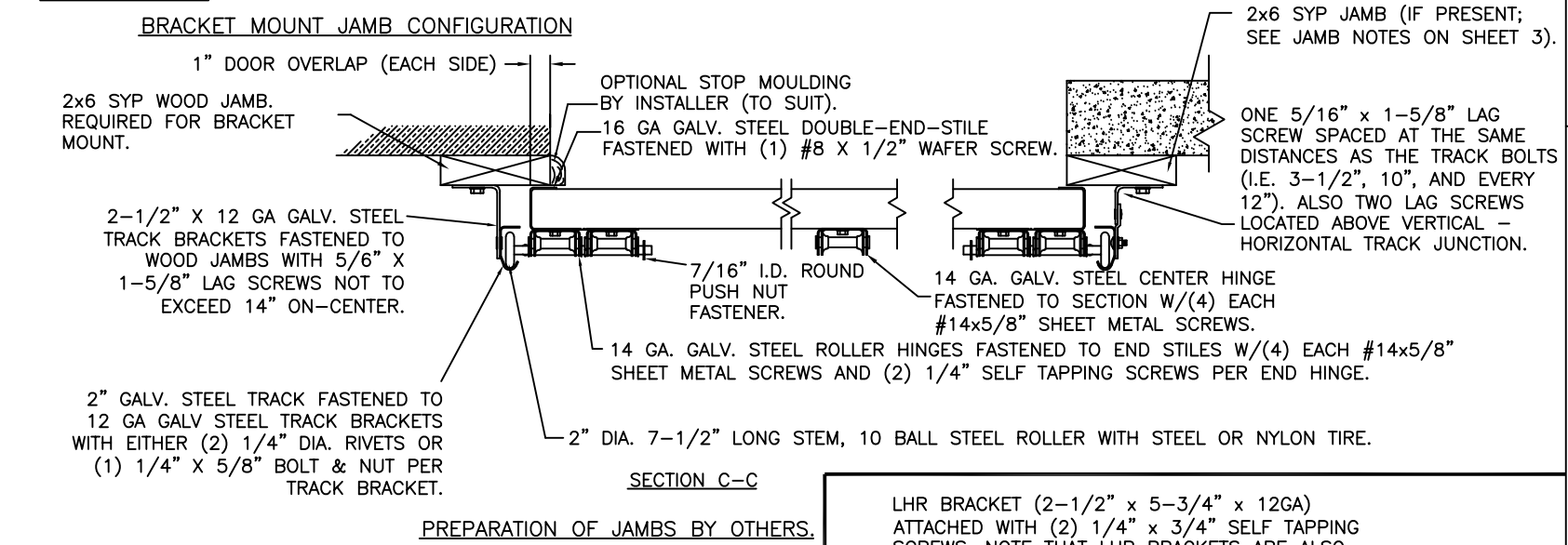
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| 3724                    | / C7X24 / 244U | / 24GA 2" THICK MINOR RIB    |  |
| 3730                    | / -- / --      | / 27GA 3" THICK MINOR RIB    |  |

2" TRACK CONFIGURATION.

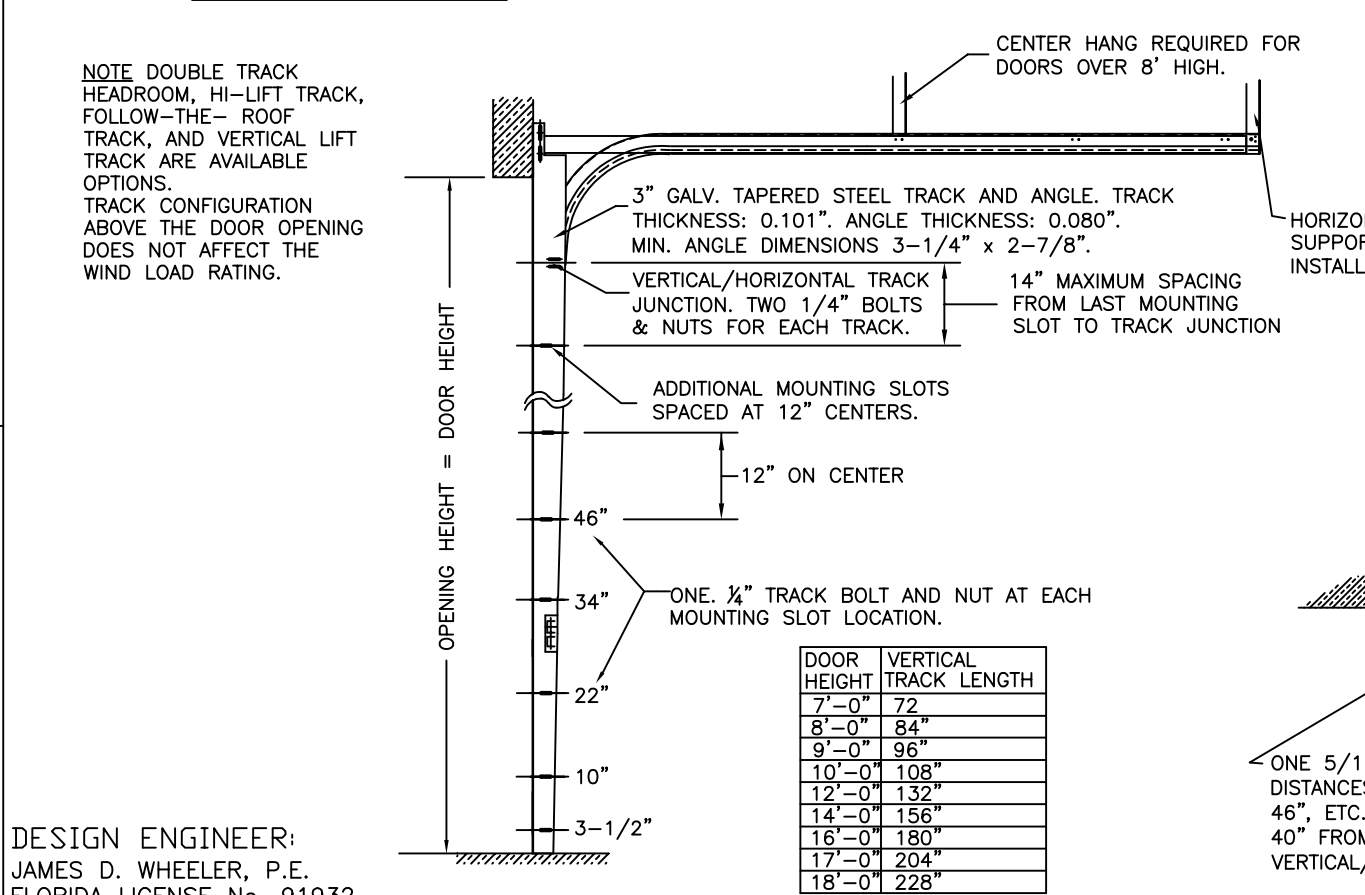


| DOOR HEIGHT | "L"  |
|-------------|------|
| 6'-6"       | 70"  |
| 7'-0"       | 76"  |
| 7'-6"       | 82"  |
| 8'-0"       | 88"  |
| 8'-6"       | 94"  |
| 9'-0"       | 100" |
| 9'-6"       | 106" |
| 10'-0"      | 112" |
| 10'-6"      | 118" |
| 11'-0"      | 124" |
| 11'-6"      | 130" |
| 12'-0"      | 136" |
| 12'-6"      | 142" |
| 13'-0"      | 148" |
| 13'-6"      | 154" |
| 14'-0"      | 160" |
| 14'-6"      | 166" |
| 15'-0"      | 172" |
| 15'-6"      | 178" |
| 16'-0"      | 184" |
| 16'-6"      | 190" |
| 17'-0"      | 196" |
| 17'-6"      | 202" |
| 18'-0"      | 208" |

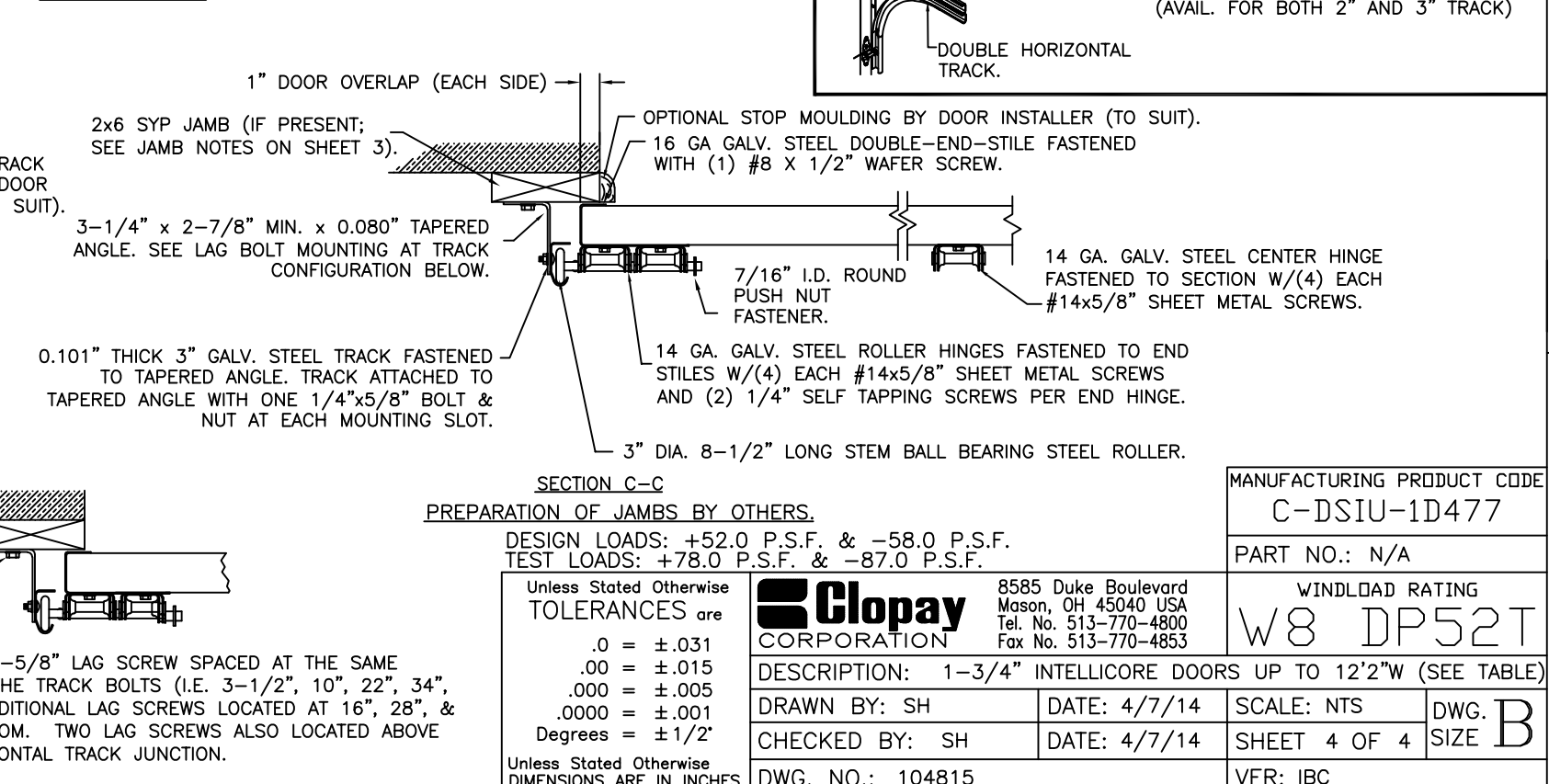
JAMB CONFIGURATION FOR 2" TRACK.



3" TRACK CONFIGURATION.



JAMB CONFIGURATION FOR 3" TRACK.



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