

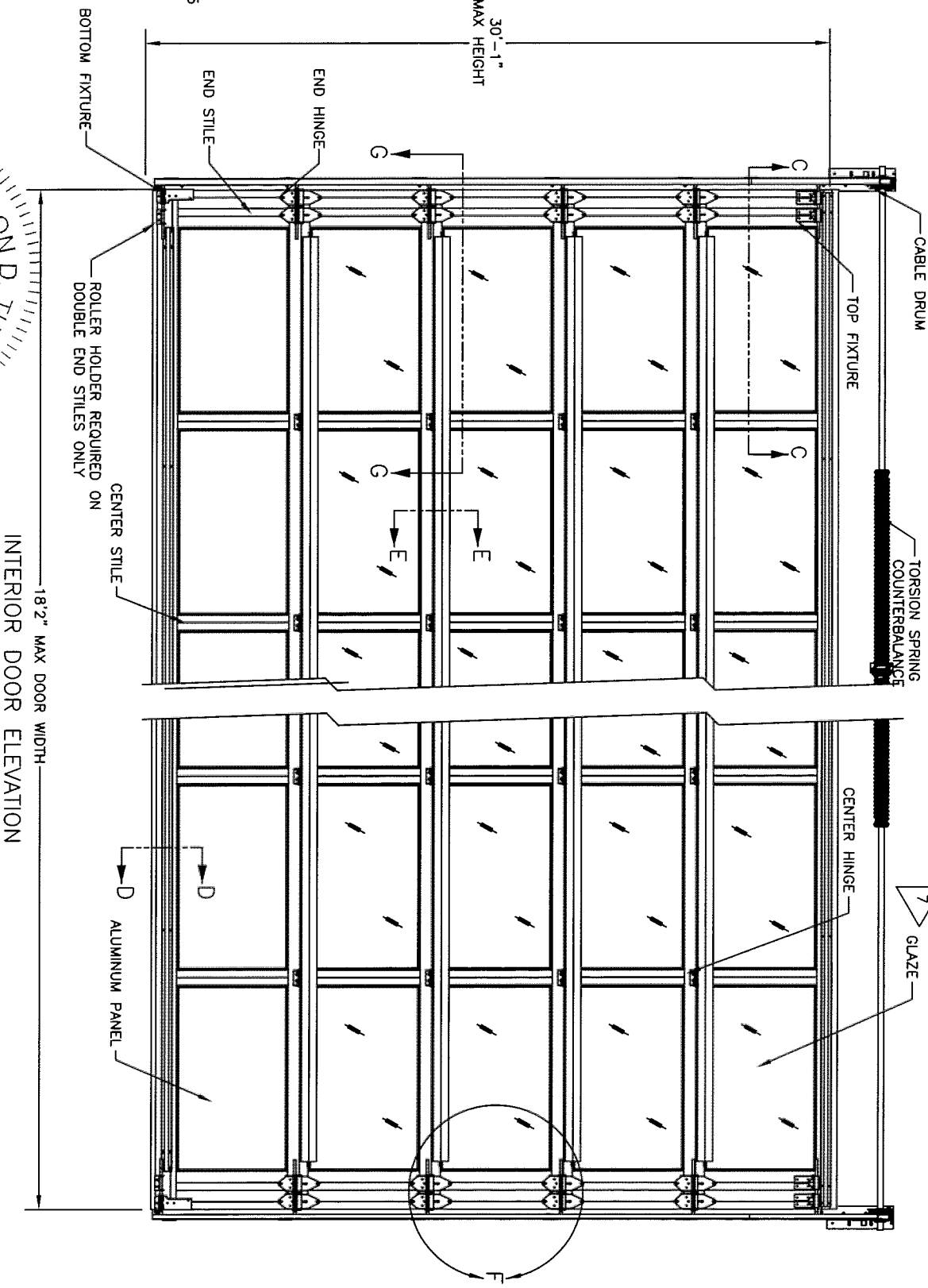
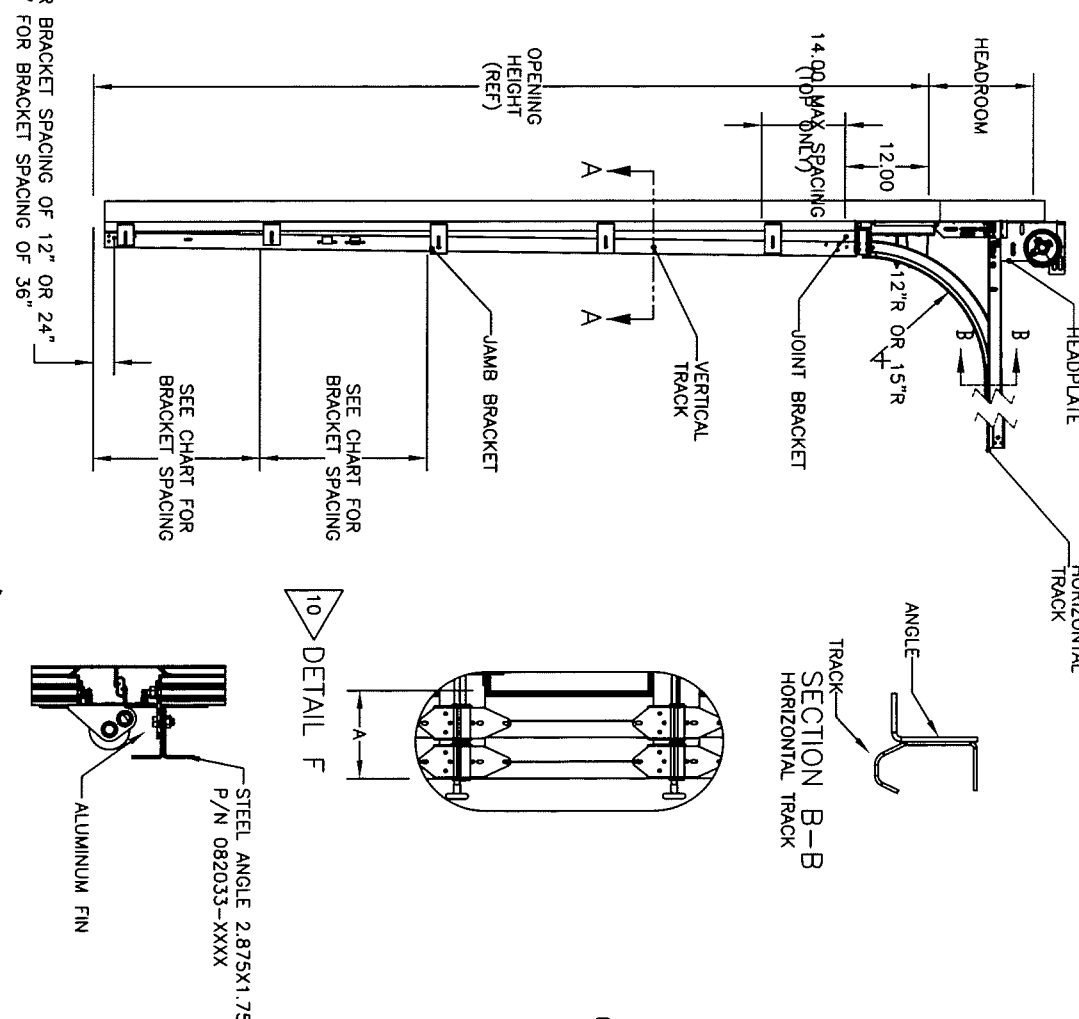
REVISIONS			
REV	REV	DESCRIPTION	DATE
32177	E	REVISED PER FOR	10/21/19
32489	F	DRAWING UPDATES	10/22/20
32933	G	ADDED 2" 200A STRUTS	09/05/23
		M.D.M.	

- NOTES
 1. DESIGNED AND TESTED IN ACCORDANCE WITH WIND LOAD PROVISIONS OF THE FLORIDA BUILDING CODE AND INTERNATIONAL BUILDING CODE. PROFESSIONAL ENGINEER'S SEAL PROVIDED ONLY FOR VERIFICATION OF WIND LOAD CONSTRUCTION DETAILS.
 2. PRESSURES LISTED AS POSITIVE/NEGATIVE (DESIGN).
 3. SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS. 26" MAXIMUM SECTION HEIGHT.
 4. LIFT CLEARANCE OR FULL VERTICAL TRACK MAY ALSO BE USED.
 5. FASTENING METHODS (TRACK TO WALL).
 6. DRAWBAR OPERATOR OR LOCK.
 7. SPACING BASED ON BRACKET SPACING (SEE CHART BELOW):

- A. JAMB BRACKETS (TYP WOOD JAMBS) STYLE TRACK--
 5/16" x 1 3/4" LAG BOLT, OR EQUIVALENT.
 B. ALTERNATE ANGLE MOUNT--SEE SHEET 2
 6. CHOICES OF MATERIAL AVAILABLE FOR GLAZING ARE DSB GLASS, TEMPERED GLASS, LAMINATED GLASS, OR LEXAN. AVAILABLE THICKNESS ARE 1/8", 1/4", 3/8", AND 1/2". A .050 ALUMINUM PANEL CAN BE SUBSTITUTED FOR GLASS IN ANY SECTION. MAX GLAZING WIDTH IS 46".
 7. STRUT OR ANGLE INSTALLATION:
 A. FOR STRUTS ONLY-- USE 2 SCREWS (P/N 605879-0001) AT BOTH ENDS OF STRUT (P/N 400650-XXXX), 2 ON EACH CENTER HINGE LOCATION, AND 1 BETWEEN EACH HINGE.
 B. FOR ANGLES (P/N 082033-XXXX) ONLY--
 - USE 3 SCREWS AT EACH END, 2 AT EACH CENTER STILE

- LOCATION, 1 SCREW BETWEEN EVERY CENTER HINGE.
 8. WHEN ONE ANGLE IS USED, THE ANGLE LEG IS DOWN. WHEN TWO ANGLES ARE USED, ONE ANGLE LEG IS TURNED UP AND THE OTHER ANGLE LEG IS TURNED DOWN.
 9. REFERENCE WINDLOAD SPECIFICATION CHART FOR END STILE REQUIREMENTS (SEE DETAIL F).
 - FOR DOUBLE END STILE, A = 6.70"

10. FOR COMMERCIAL HARDWARE DETAILS SEE DRAWING 408717.
 11. 2" 200A STEEL STRUTS (412619-XXXX) MAY BE SUBSTITUTED FOR HS-1 (400650-0001).
 12. 3" 200A STEEL STRUTS (411186-XXXX) MAY BE SUBSTITUTED FOR HS-2 STRUTS (400650-0002).



SECTION A-A
JAMB BRACKET MOUNT
(TYP. WOOD JAMBS)

3" FOR BRACKET SPACING OF 12" OR 24"
 12" FOR BRACKET SPACING OF 36"

STOP MOLDING

END STILE

SCREW P/N 605879-0001

CENTER STILE

STEEL STRUT

SECTION C-C

SECTION D-D
STEEL STRUT

STRUT	THICK	HEIGHT
HS-0	0.020	2.25
HS-1	0.030	2.25
HS-2	0.052	2.25
HS-3	0.055	3.50
2" 200A	0.034	2.00
3" 200A	0.034	3.00

WEATHERSEAL

STEEL STRUT P/N 400650-XXXX, OR P/N 412619-XXXX OR P/N 411186-XXXX

THRU BOLT 1/4-20 X 3/4" WITH NUT AND LOCK WASHER

SECTION E-E

ANGLE 3/4"

1 1/8"

HINGE

SECTION G-G

8/19/25

PROFESSIONAL ENGINEER
 GORDON D. THOMAS
 No. 46718
 FL PE 146718

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INTERIOR DOOR ELEVATION

18.2" MAX DOOR WIDTH

DOOR	END	CENTER	ANGLE/SECT	STRUT AT	ROLLER	TRACK	JAMB
WIDTH	HINGE	STILE					LOAD
UP TO	QTY	QTY					(LB/FT)
8.2"	SINGLE	1	0	NONE	TR-3	2"	0.049"
10.2"	SINGLE	2	0	FIN ONLY	TR-3	2"	0.068"
12.2"	DOUBLE	3	0	FIN ONLY	TR-3	2"	0.068"
14.2"	DOUBLE	3	0	FIN ONLY	TR-3	2"	0.068"
16.2"	DOUBLE	4	1	2-7/8X1-3/4	TR-3	2"	0.068"
18.2"	DOUBLE	5	2	2-7/8X1-3/4	TR-5	2"	0.068"

FINISH: ± .25

UNIT OF MEASURE: EA

DATE: 10/2/20

WINDLOAD: 521, 9920

26/-26 PSF, 18'-2" MAX

DRAWING NUMBER: D-410224

SCALE: N/A

SHEET 1 OF 1

