

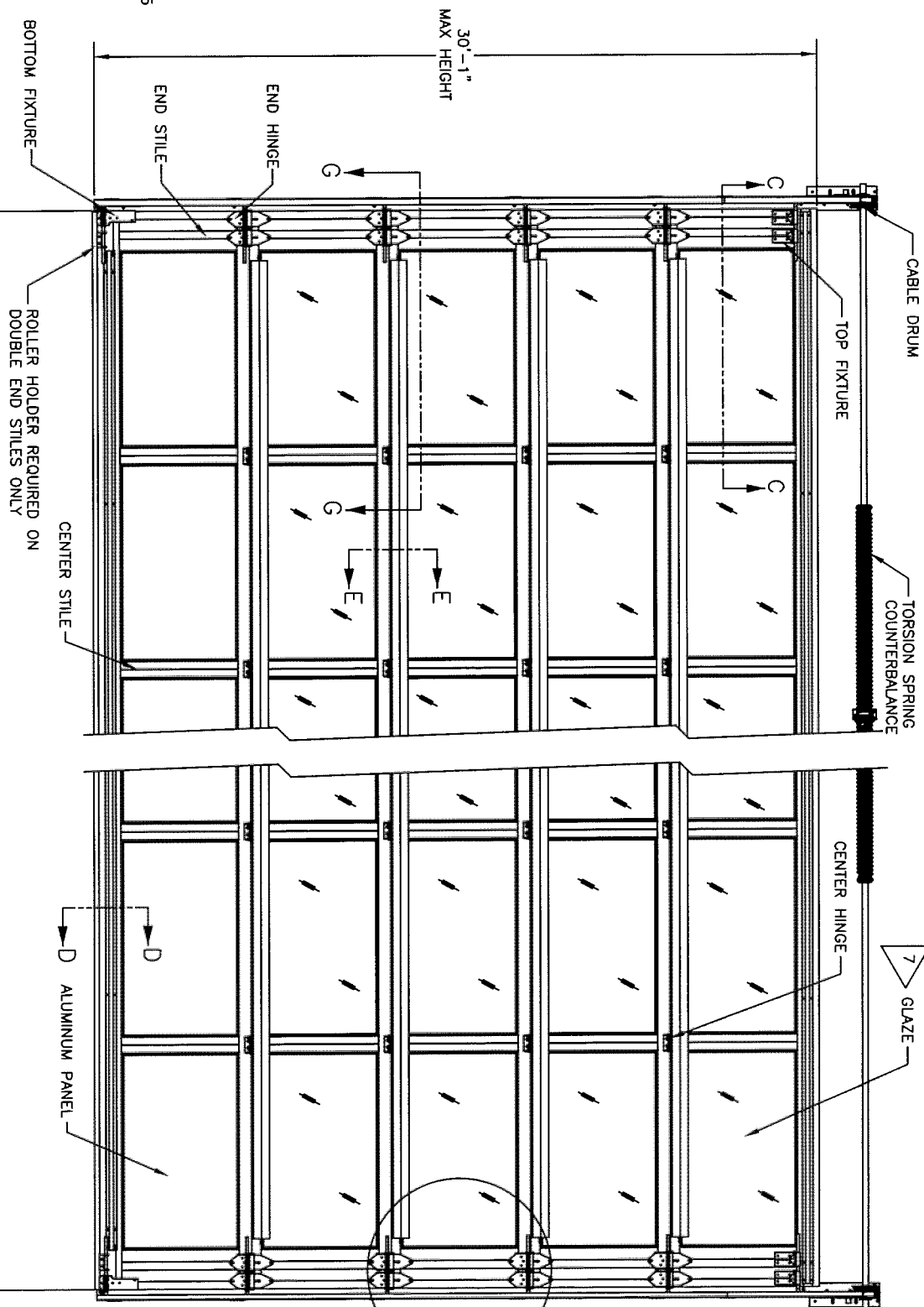
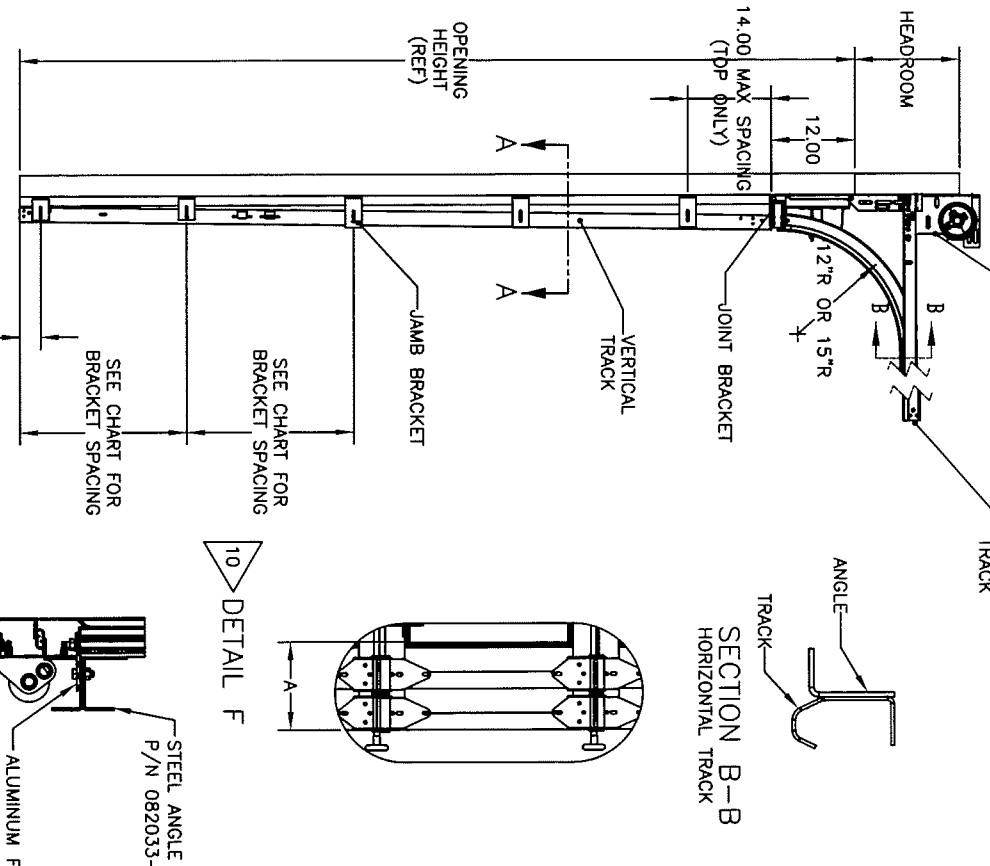
NOTES

- 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.
- PRESSURES LISTED AS POSITIVE/NEGATIVE (DESIGN).
- SECTION HEIGHTS MAY VARY TO CREATE VARIOUS DOOR HEIGHTS. 26" MAXIMUM SECTION HEIGHT.
- LIFT CLEARANCE OR FULL VERTICAL TRACK MAY ALSO BE USED. LOW HEADROOM TRACK MAY BE USED WITH EITHER DRAWBAR OPERATOR OR LOCK.
- FASTENING METHODS (TRACK TO WALL), SPACING BASED ON BRACKET SPACING (SEE CHART BELOW):
 - JAMB BRACKETS (TYP WOOD JAMBS) STYLE TRACK--5/16" x 1 3/4" LAG BOLT, OR EQUIVALENT.
 - ALTERNATE ANGLE MOUNT--SEE SHEET 2
 - 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".
 - STRUT OR ANGLE INSTALLATION:
 - FOR STRUTS ONLY-- USE 2 SCREWS (P/N 605879-0001) AT BOTH ENDS OF STRUT (P/N 412619-XXXX), 2 ON EACH CENTER HINGE LOCATION, AND 1 BETWEEN EACH HINGE.
 - FOR ANGLES (P/N 082033-XXXX) ONLY--
 - USE 3 SCREWS AT EACH END, 2 AT EACH CENTER STYLE

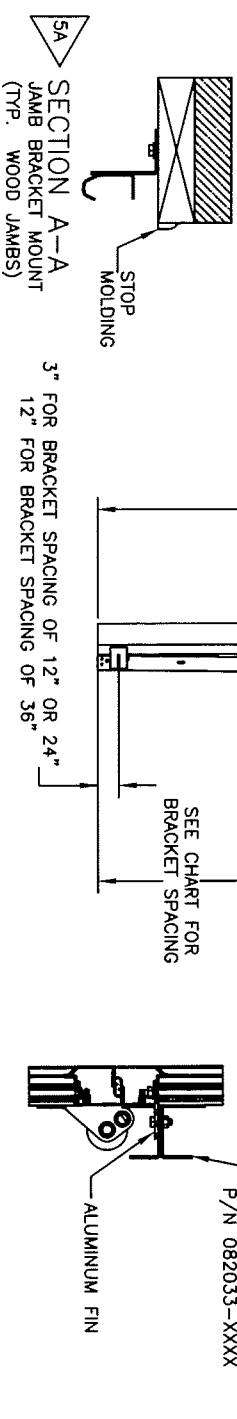
- LOCATION, 1 SCREW BETWEEN EVERY CENTER HINGE.
- WHEN ONE ANGLE IS USED, THE ANGLE LEG IS TURNED DOWN. WHEN TWO ANGLES ARE USED, ONE ANGLE LEG IS TURNED UP AND THE OTHER ANGLE LEG IS TURNED DOWN.
- REFERENCE WINDLOAD SPECIFICATION CHART FOR END STYLE REQUIREMENTS (SEE DETAIL F).
 - FOR DOUBLE END STYLE,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

- FOR COMMERCIAL HARDWARE DETAILS SEE DRAWING 408717.
- 2" 206A STEEL STRUTS (412619-XXXX) MAY BE SUBSTITUTED FOR HS-1 (400650-0001).
- 3" 206A STEEL STRUTS (411186-XXXX) MAY BE SUBSTITUTED FOR HS-2 STRUTS (400650-0002).

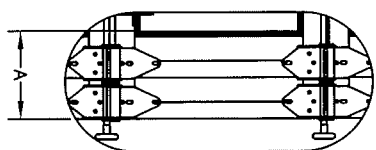
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
32177	E	10/21/19	JG
32499	F	10/22/20	TC
32933	G	ADDED 2.63" 206A STRUTS	MDM



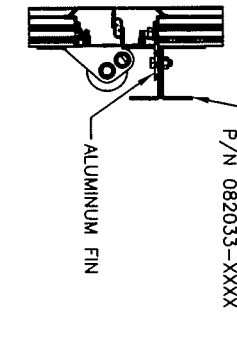
SIDE ELEVATION OF TYPICAL COMMERCIAL TRACK



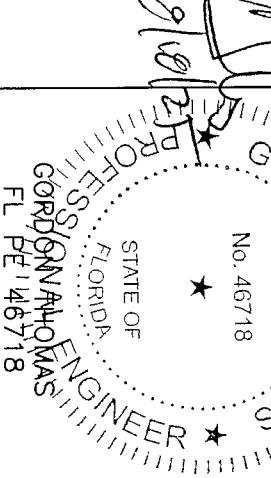
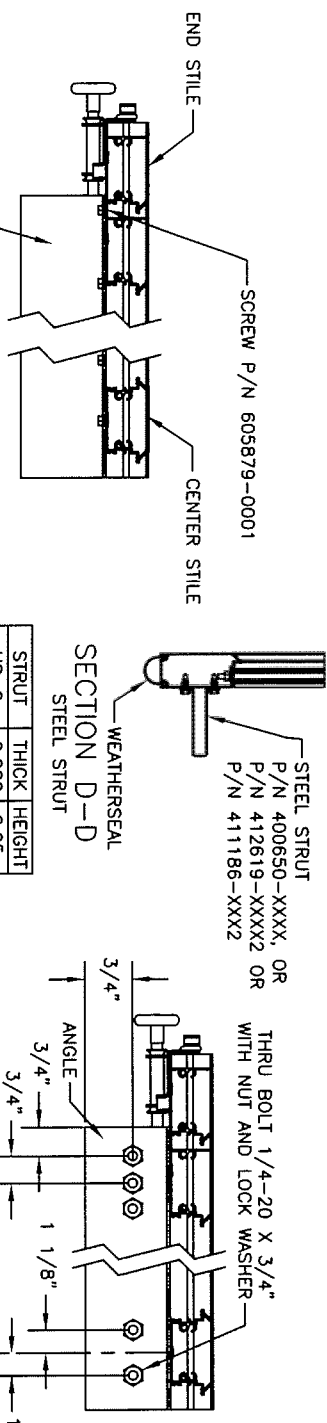
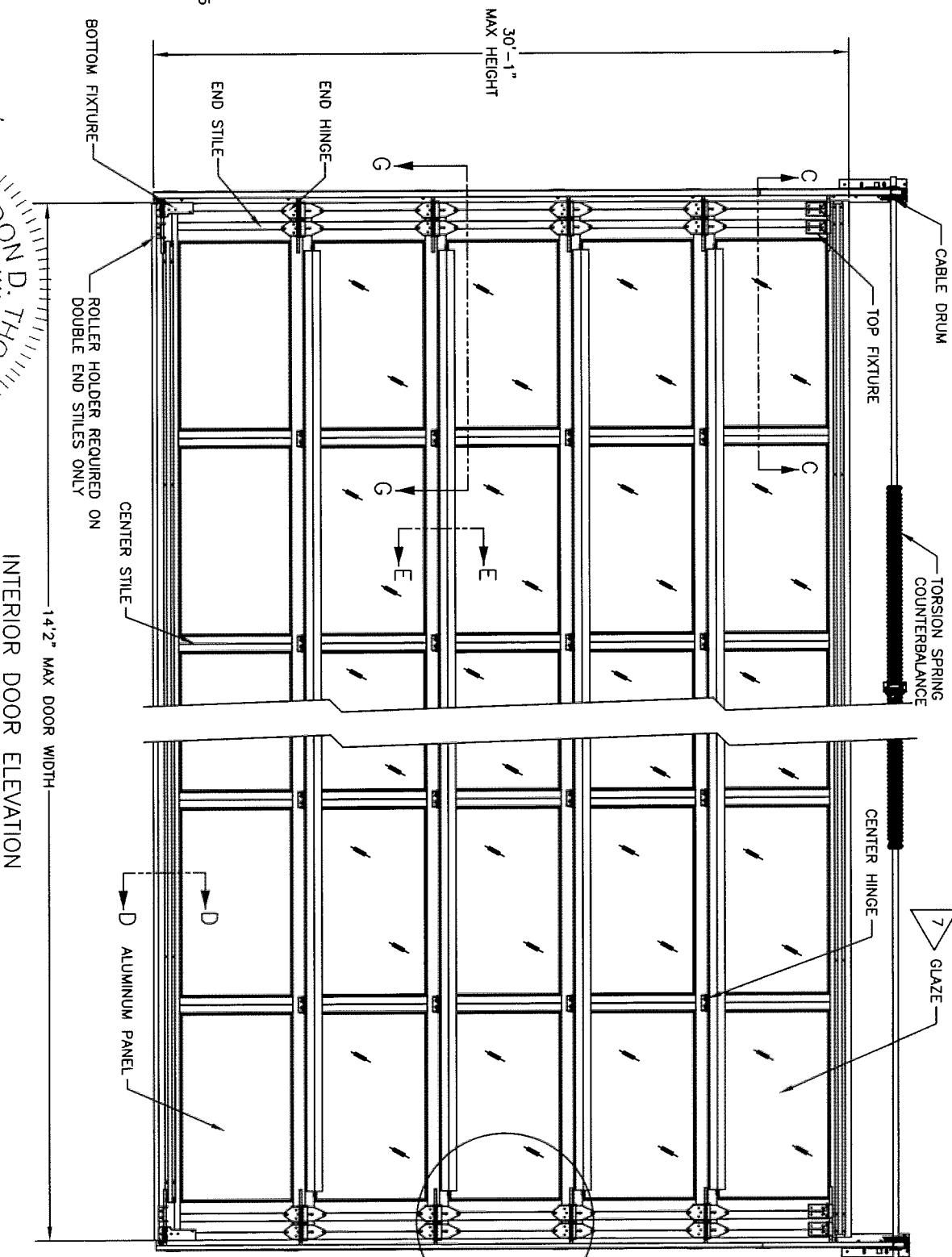
DETAIL F



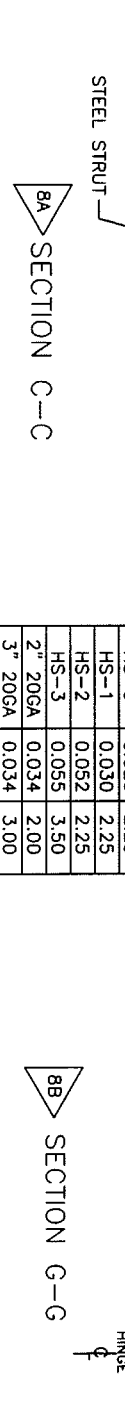
SECTION E-E



INTERIOR DOOR ELEVATION



SERIES 521, 9920: 37/-37 PSF WINDLOAD									
DOOR WIDTH UP TO	END STYLE QTY	CENTER STYLE QTY	ANGLE/SECT	TYPE	STRUT AT TOP & BOTTOM	ROLLER TYPE	STEM DIA.	BRG/STEM SPACING	TRACK JAMB LOAD (HEIGHT)
8'2"	DOUBLE 2	0	FIN ONLY	HS-1	TR-3	2"	7/16"	12"	0.068"
10'2"	DOUBLE 2	0	FIN ONLY	HS-1	TR-3	2"	7/16"	12"	0.068"
12'2"	DOUBLE 3	1	1-3/4X2-7/8	HS-2	TR-5	2"	7/16"	12"	0.068"
14'2"	DOUBLE 4	2	1-3/4X2-7/8	HS-3	TR-5	2"	7/16"	12"	0.068"



SERIES 521, 9920: 37/-37 PSF WINDLOAD									
DOOR WIDTH UP TO	END STYLE QTY	CENTER STYLE QTY	ANGLE/SECT	TYPE	STRUT AT TOP & BOTTOM	ROLLER TYPE	STEM DIA.	BRG/STEM SPACING	TRACK JAMB LOAD (HEIGHT)
8'2"	DOUBLE 2	0	FIN ONLY	HS-1	TR-3	2"	7/16"	12"	0.068"
10'2"	DOUBLE 2	0	FIN ONLY	HS-1	TR-3	2"	7/16"	12"	0.068"
12'2"	DOUBLE 3	1	1-3/4X2-7/8	HS-2	TR-5	2"	7/16"	12"	0.068"
14'2"	DOUBLE 4	2	1-3/4X2-7/8	HS-3	TR-5	2"	7/16"	12"	0.068"

SPLICE
PLATE

PROFESSIONAL ENGINEER
FLORIDA
STATE OF
No. 46718
GORDON D. THOMAS
FLORIDA
No. 46718
GORDON D. THOMAS
FLORIDA

- MAX SPACING OF ANCHORS/SCREWS PER JAMB (IN)

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		TOLERANCES UNLESS OTHERWISE SPECIFIED	FINISH	BULBS, IDOLS	NAME	DATE	DRAWING TITLE:
		WHOLE NUMBERS: ± .25	N/A	KOLMANN <i>the professional way</i>	I CLARK	10/21/20	WINDLOAD, 521, 9920 37/-37 PSF, 14'-2" MAX
		X ± .03	UNIT OF MEASURE	MATERIAL:	D KORNSH	10/21/20	REMARKS: D-410226
		.XXX ± .010		N/A	L KRUPKE	10/6/20	SHEET 2 OF 3
REF DWG		ANGLES: HOLES: ±	EA				SCALE: N/A
		SPEC Y14.100 AND Y14.5 APPLY UNLESS OTHERWISE NOTED. N U.S. CUSTOMARY UNITS					