

REVISIONS			
REV	DESCRIPTION	DATE	APPROV
329.33	INITIAL DRAWING	5-11-20	JQ
A	ADDED 2x3" 20GA STRUTS	05/05/25	M.D.M

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. LOW HEADROOM TRACK MAY BE USED WITH EITHER DRAWBAR OPERATOR OR LOCK.

5. FASTENING METHODS (TRACK TO WALL), SPACING BASED ON BRACKET SPACING (SEE CHART BELOW):

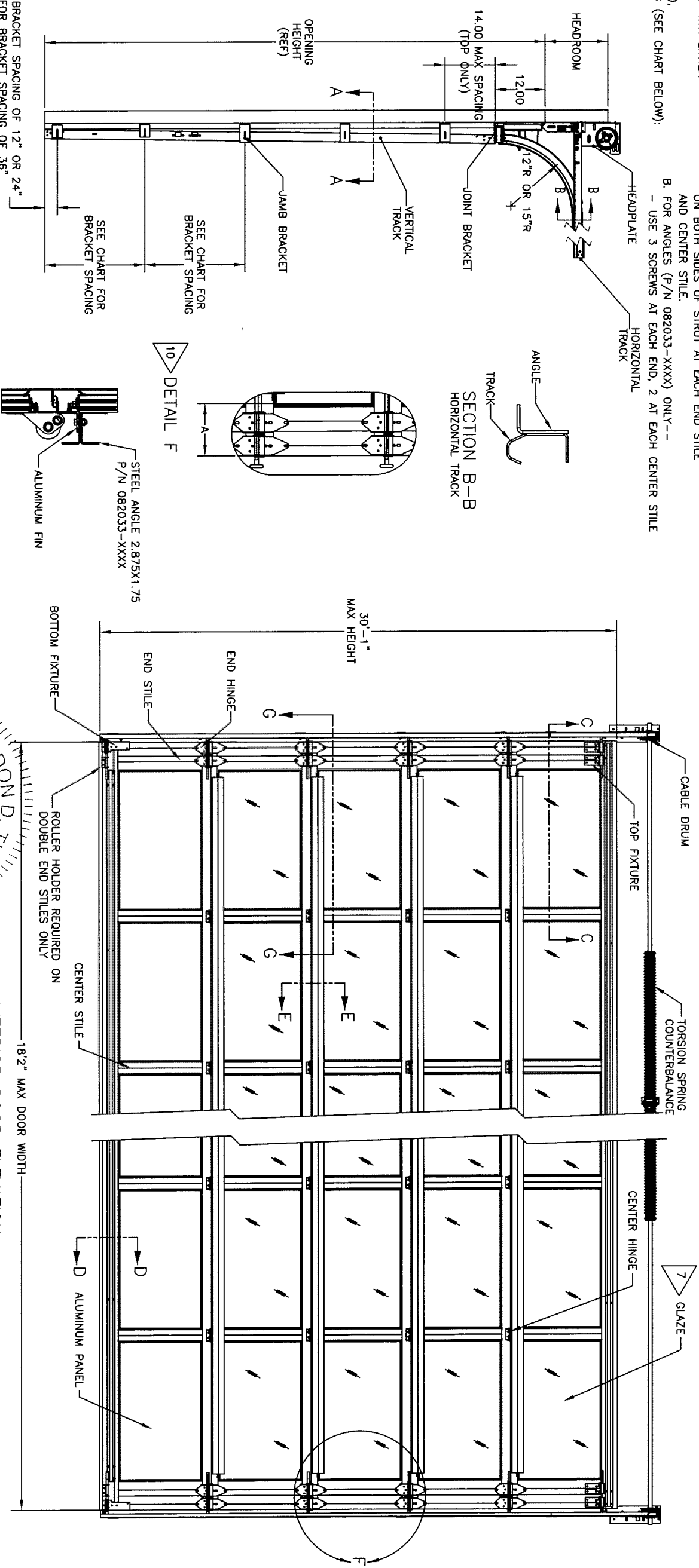
6. CHOICES OF MATERIAL AVAILABLE FOR GLAZING ARE DSB GLASS, TEMPERED GLASS, LAMINATED GLASS, OR LEXAN. AVAILABLE THICKNESS ARE 1/4", 3/8", AND 1/2". A .050 ALUMINUM PANEL CAN BE SUBSTITUTED FOR GLASS IN ANY SECTION. MAX GLAZING WIDTH IS 46".

7. STRUT OR ANGLE INSTALLATION:
A. FOR STRUTS ONLY - USE ONE SCREW (P/N 605679-0002) ON BOTH SIDES OF STRUT AT EACH END STILE AND CENTER STILE.
B. FOR ANGLES (P/N 082033-XXXX) ONLY -
- USE 3 SCREWS AT EACH END, 2 AT EACH CENTER STILE

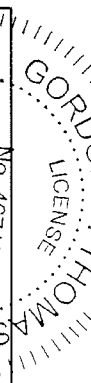
8. LOCATION, 1 SCREW BETWEEN EVERY CENTER HINGE.
B. WHEN ONE ANGLE IS USED, THE ANGLE LEG IS DOWN. WHEN TWO ANGLES ARE USED, ONE ANGLE LEG IS TURNED UP AND THE OTHER ANGLE LEG IS TURNED DOWN.
9. REFERENCE WINDLOAD SPECIFICATION CHART FOR END STILE REQUIREMENTS (SEE DETAIL F).
- FOR DOUBLE END STILE,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

10. 2" 20GA STEEL STRUTS (412619-XXXX2) MAY BE SUBSTITUTED FOR HS-1 (400650-0001).

11. 3" 20GA STEEL STRUTS (411186-XXXX2) MAY BE SUBSTITUTED FOR HS-2 STRUTS (400650-0002).



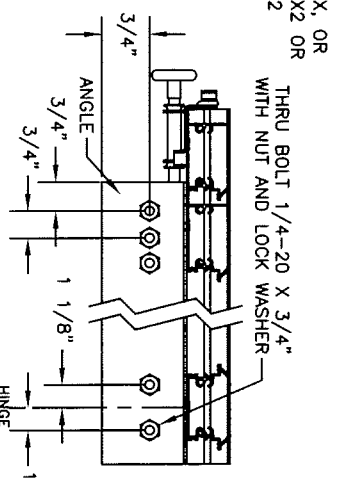
INTERIOR DOOR ELEVATION



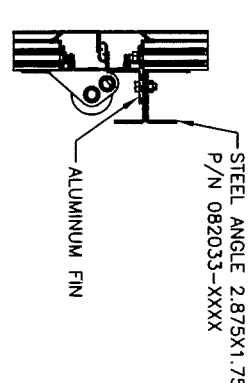
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SERIES 8855, 453: 26/-26 PSF WINDLOAD									
DOOR WIDTH	DOOR HINGE QTY	END HINGE QTY	CENTER STILE QTY	ANGLE/SECT	STRUT AT	ROLLER	TRACK	JAMB LOAD (LB/FT)	HARDWARE
8'2"	UP TO	1	0	NONE	TOP & BOTTOM	TR-3	2" 7/16"	24"	106 STANDAR
10'2"	SINGLE	2	0	FIN ONLY	HS-1	TR-3	2" 7/16"	12"	132 STANDAR
12'2"	DOUBLE	3	0	FIN ONLY	HS-1	TR-3	2" 7/16"	12"	158 STANDAR
14'2"	DOUBLE	3	0	FIN ONLY	HS-2	TR-3	2" 7/16"	12"	184 STANDAR
16'2"	DOUBLE	4	1	2-7/8X1-3/4	HS-2	TR-3	2" 7/16"	12"	210 STANDAR
18'2"	DOUBLE	5	2	2-7/8X1-3/4	HS-3	TR-3	2" 7/16"	12"	236 STANDAR

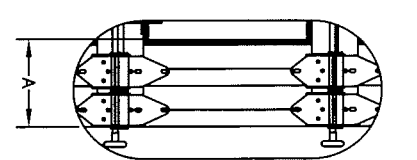
SECTION E-E



DETAIL F

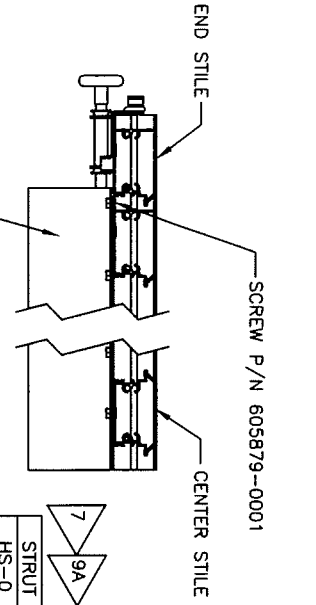
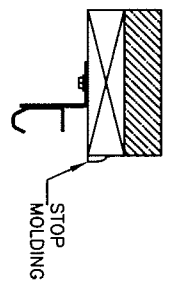


SECTION B-B

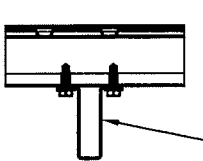


SIDE ELEVATION OF TYPICAL COMMERCIAL TRACK

SECTION A-A
JAMB BRACKET MOUNT (TYP. WOOD JAMBS)
3" FOR BRACKET SPACING OF 12" OR 24"
12" FOR BRACKET SPACING OF 36"

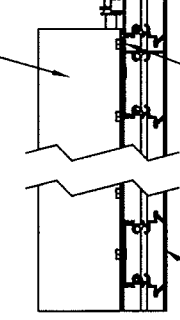


SECTION D-D



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" 20GA	0.034	2.00
3" 20GA	0.034	3.00

SECTION C-C



REF DWG	USED ON	DATE	BY	CHKD BY	APP'D BY	SCALE	SHEET

WINDLOAD: 8855, 453

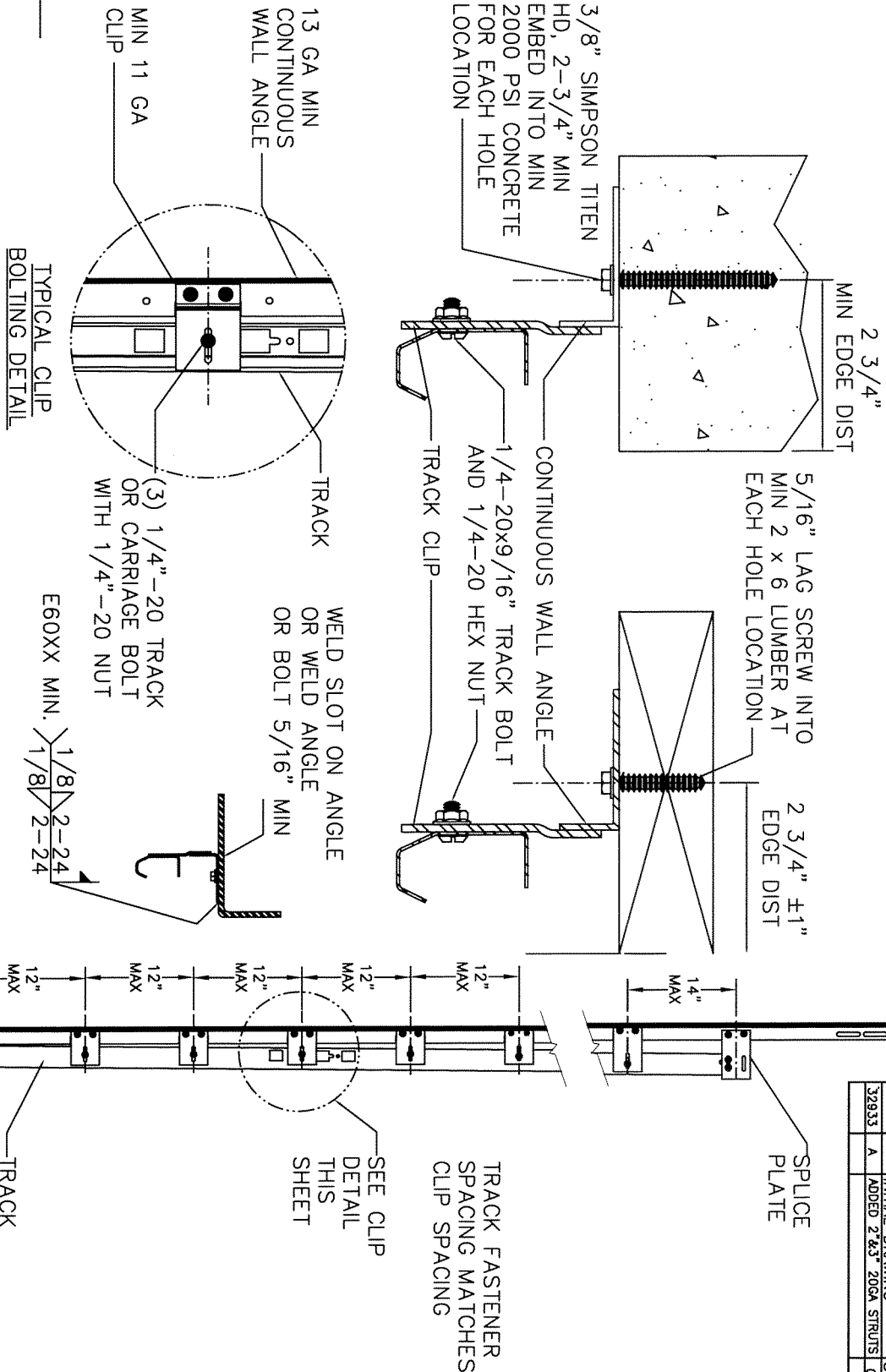
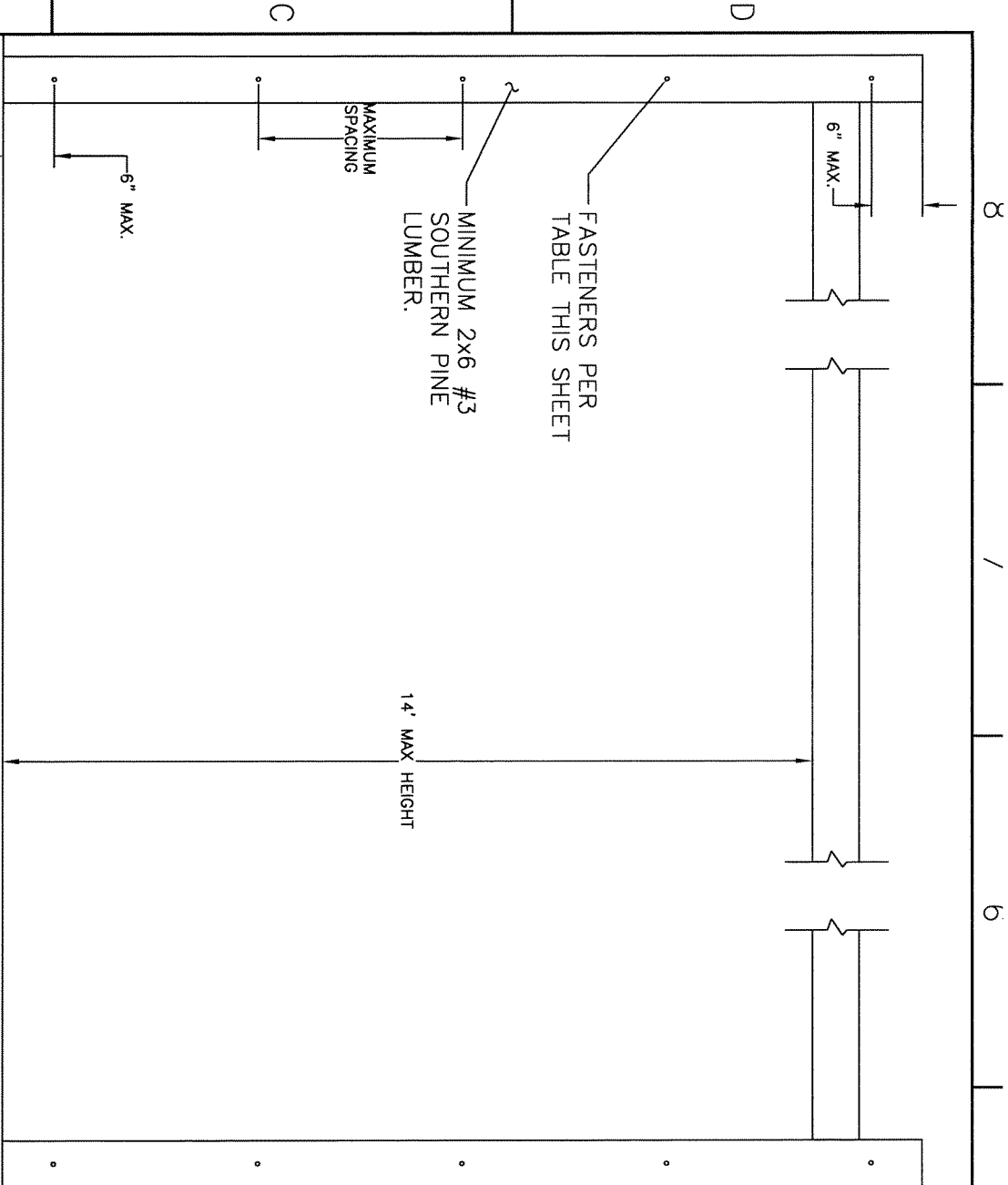
26/-26 PSF, 18-2" MAX

D-365192

SCALE: N/A

SHEET 1 OF 3

REVISIONS			
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32933	INITIAL DRAWING	5-11-20	J.O.
A	ADDED 2"x3" 20GA STRUTS	05/05/23	M.D.A.



1. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO CONCRETE WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4" AND A MINIMUM EDGE DISTANCE OF 2-3/4".
2. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO GROUT FILLED CMU WITH A MINIMUM EMBEDMENT DEPTH OF 2-3/4", A MINIMUM EDGE DISTANCE OF 4", AND A MINIMUM END DISTANCE OF 4". CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 AND GROUT SHALL CONFORM TO ASTM C476.
3. BASED ON 3/8" DIAMETER x 3" LONG LAG SCREWS WITH 1" O.D. WASHERS WITH A 1-9/32" THREAD PENETRATION INTO SEASONED DRY WOOD SUPPORTING STRUCTURE.
4. PROVIDE QUANTITY OF SCREW ANCHORS OR LAG SCREWS AS REQUIRED TO MAINTAIN MAXIMUM SPACING AS SHOWN IN TABLE WITH A MINIMUM OF THREE (3) SCREW ANCHORS OR LAG SCREWS PER JAMB. SCREW ANCHORS OR LAG SCREWS AT TOP AND BOTTOM OF JAMB SHALL BE PLACED A MAXIMUM OF 6" FROM THE END OF THE JAMB.
5. LOAD PER JAMB CALCULATED TO BE A MAXIMUM OF +236.2/-236.2 LBS PER FOOT.
6. CHART INCLUDES A SAFETY FACTOR OF 4.
7. DOOR JAMB TO BE MINIMUM 2x6 NO. 3 SOUTHERN PINE LUMBER (MIN) MOUNTED DIRECTLY TO SUPPORT STRUCTURE.
8. DESIGN OF THE SUPPORT STRUCTURE SHALL BE THE SOLE RESPONSIBILITY OF THE BUILDING DESIGNER AND SHALL BE DESIGNED FOR THE LOADS LISTED IN NOTE 5.
9. SCREW ANCHORS OR LAG SCREWS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.

MAX SPACING OF ANCHORS/SCREWS PER JAMB (IN)		
3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI CONCRETE ^{NOTE 1}	3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI GROUT FILLED CMU ^{NOTE 2}	3/8" x 3" LONG LAG SCREW ^{NOTE 3}
24	24	24

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TOLERANCES UNLESS OTHERWISE SPECIFIED		FINISH		MAYNE DATION		FORDIANA		DATE	
X		± .25		N/A		J OLAN		03/27/20	
XX		± .03		UNIT OF MEASURE		D KORINSH		03/27/20	
XXX		± .010		N/A		D KORINSH		03/27/20	
HOLE:		± .5		EA		D KORINSH		03/27/20	
REF DWG		USED ON		SCALE		N/A		SHEET 2 OF 3	

