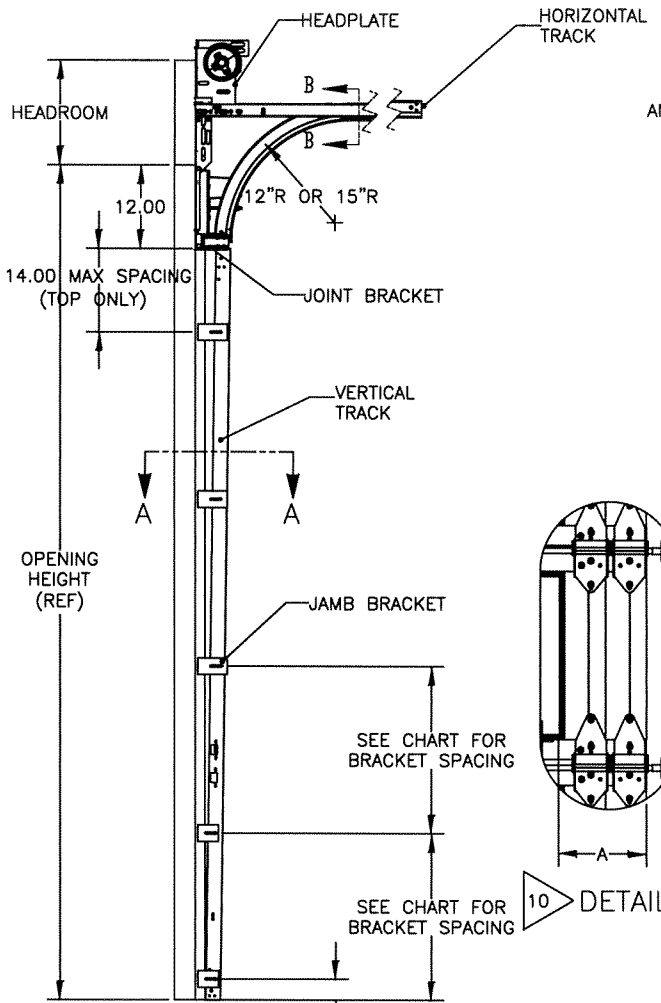
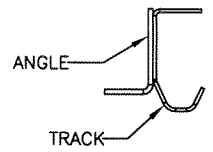
▷ NOTES

1. DESIGNED AND TESTED IN ACCORDANCE WITH WIND LOAD PROVISIONS OF THE FLORIDA BUILDING CODE AND 2018 INTERNATIONAL BUILDING CODE PER ANSI/DASMA 108 AND ANSI/DASMA 115. 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, 30–1/2" MAXIMUM SECTION HEIGHT.
4. LIFT CLEARANCE OR FULL VERTICAL TRACK MAY ALSO BE USED. LOW HEADROOM TRACK MAY BE USED WITH EITHER DRAWBAR OPERATOR OR LOCK. LOW HEAD ROOM USES A 7/16" DIAMETER ROLLER SHAFT.
5. FASTENING METHODS (TRACK TO WALL), 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. FOR COMMERCIAL HARDWARE DETAILS SEE DRAWING 408717.
7. GLAZING IS 1/4" POLYCARBONATE WITH A MAX GLAZING SIZE OF 19 3/8" HEIGHT BY 49" WIDTH. GLAZING RETAINER TO BE ATTACHED TO SECTION WITH #8 X 1" SCREWS WITH A MAX SPACING OF 6"
8. STRUT OR ANGLE INSTALLATION:
   A. FOR STRUTS ONLY– USE 2 SCREWS AT BOTH END OF STRUT, 2 ON EACH CENTER HINGE LOCATION, AND 2 BETWEEN EACH HINGE.
   B. FOR ANGLES ATTACHED TO INTEGRAL FIN ONLY–– 1 – 5/16" BOLT EACH END AND WITH A MAX SPACING OF 13.5". ON END OF ANGLE WHERE SPACING IS GREATER THAN 11", ADD BOLT EQUIDISTANT BETWEEN THE LAST TWO BOLTS.
9. ANGLE LEG IS TURNED DOWN.
10. 22 GAUGE X 16" LONG REINFORCING C–RAIL INSERTED IN THE ALUMINUM EXTRUSION AT THE BOTTOM OF EACH SECTION EXCEPT BOTTOM SECTION.
11. 7/16" DIAMETER 1144 GRADE STEEL ROLLERS ARE STANDARD. NYLON ROLLER FOR 2" TRACK IS OPTIONAL.
10. FOR COMMERCIAL HARDWARE DETAILS SEE DRAWING 408717.

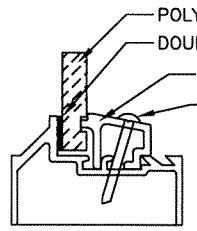
REVISIONS				
EN	REV	DESCRIPTION	DATE	APPROVAL
32499	B	DRAWING UPDATES	10/2/20	TC
32499	C	ADDED '2018' TO NOTE 1	10/23/20	TC
32933	D	UPDATED PE BLOCK	08/01/25	M.DAUS



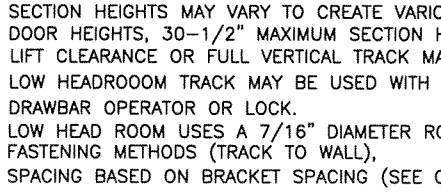
10 DETAIL F



SECTION B–B
HORIZONTAL TRACK



7 SECTION E–E
POLYCARBONATE RETAINER

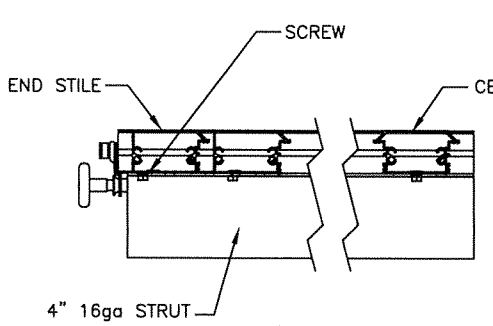


5A SECTION A–A
JAMB BRACKET MOUNT
(TYP. WOOD JAMBS)

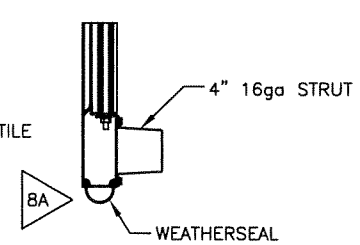
3" FOR BRACKET SPACING OF 12" OR 24"
12" FOR BRACKET SPACING OF 36"

SIDE ELEVATION OF WALL ANGLE TRACK OPTION

9 SECTION E–E

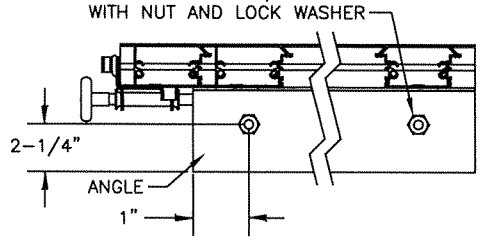


8A SECTION C–C

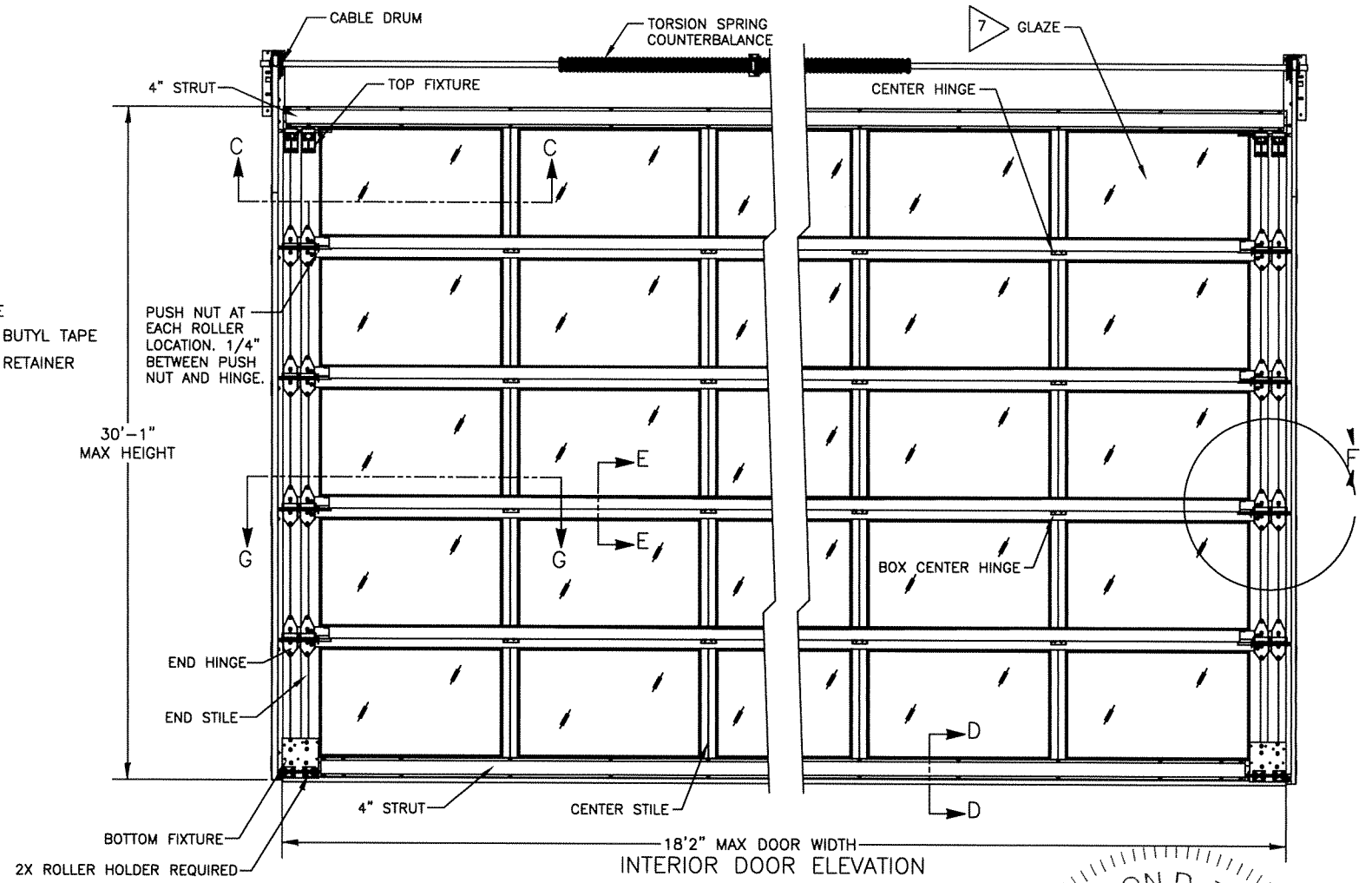


SECTION D–D

STRUT	THCK	HEIGHT
4" 16ga	0.055	4.00



8B SECTION G–G



INTERIOR DOOR ELEVATION

SCHEDULE "A" (STILES)	
DOOR WIDTH	NO. CTR. STILES
16'– 3" <= 18'–2"	3

DOOR WIDTH	JAMB LOAD LB/FT (HEIGHT)
18'2"	+390/–436

SCHEDULE "B" (SECTIONS)	
DOOR HEIGHT	NO. OF SECTIONS
TO 8'– 6"	4
8'– 7" TO 10'– 1"	5
10'– 2" TO 12'– 1"	6
12'– 2" TO 14'– 1"	7

DOOR WIDTH UP TO	IMPACT RESISTANT	END STILE QTY	ANGLE/SECT QTY	ANGLE/SECT TYPE	STRUT AT TOP AND BOTTOM	ROLLER TYPE	ROLLER TIRE DIA.	ROLLER TIRE MTL	ROLLER STEM DIA.	TRACK BRKT/FSTNR MAX SPACING	TRACK VERTICAL GAGE	HARDWARE
18'2"	YES	DOUBLE	1	3 X 2 X 3/16	4" 16ga	TR–3	2"	STL	7/16" 1144	12"	0.085"	HEAVY

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REF DWG	USED ON

THIRD ANGLE PROJECTION

ASME Y14.100 AND Y14.5 APPLY, UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN U.S. CUSTOMARY UNITS.

TOLERANCES UNLESS OTHERWISE SPECIFIED	
WHOLE NUMBERS:	± .25
.X	± .1
.XX	± .03
.XXX	± .010
ANGLES:	± .5°
HOLES:	±

FINISH: N/A

UNIT OF MEASURE: EA

OVERHEAD DOOR the original since 1921 DALLAS, TEXAS

MATERIAL: N/A

	NAME	DATE
DRAWN BY:	T CLARK	10/2/20
CHECKED BY:	D KORNISH	10/2/20
APPROVED BY:	L KRUPKE	10/6/20

DRAWING TITLE: WINDLOAD, 521, 9920 43/–48 PSF, 18'–2" MAX

DRAWING NUMBER: D–411487

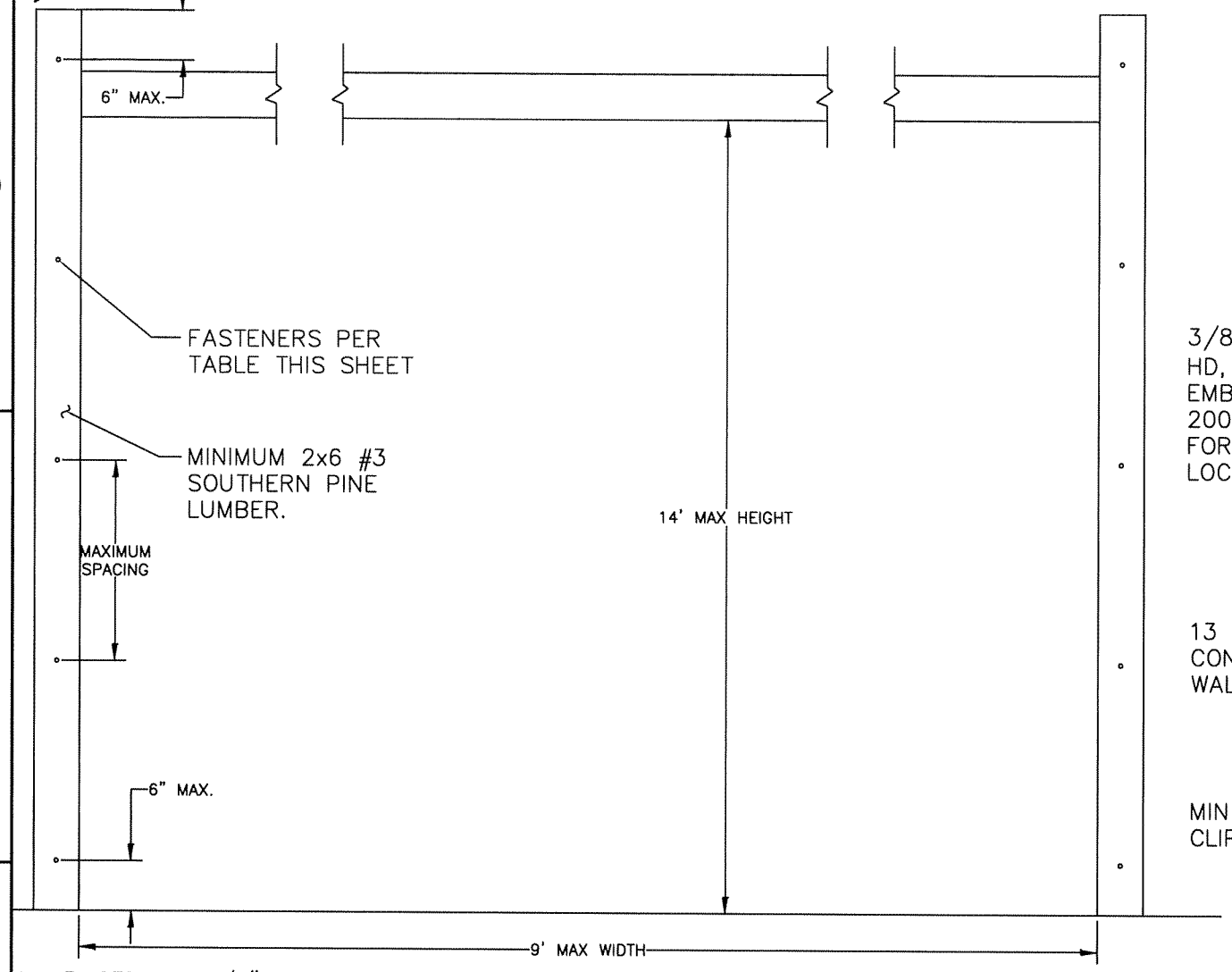
SCALE: N/A SHEET 1 OF 2

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

8/10/25

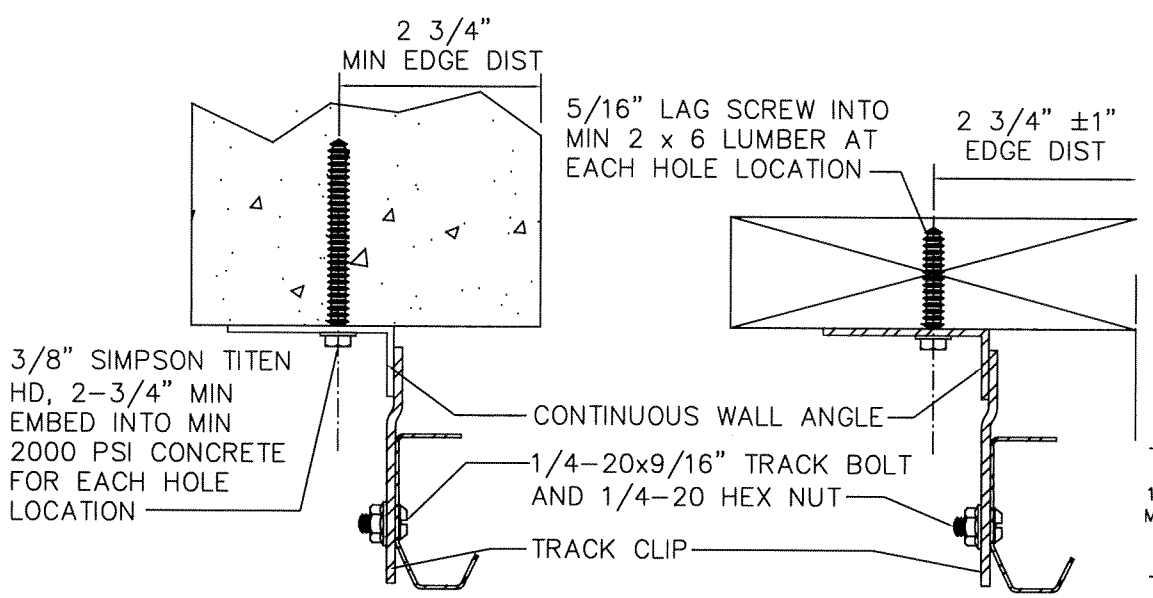
GORDON THOMAS
FL PE 46718

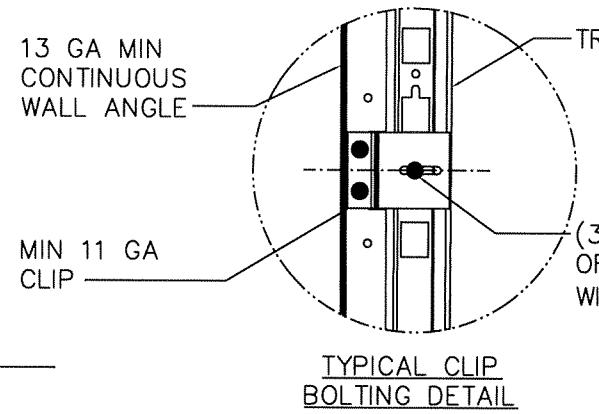
NOTES



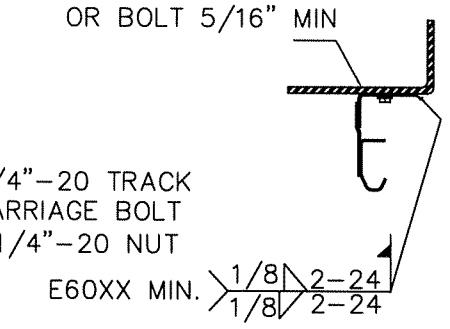
1. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO CONCRETE WITH A MINIMUM EMBEDMENT DEPTH OF 2–3/4" AND A MINIMUM EDGE DISTANCE OF 2–3/4".
2. BASED ON 3/8" SIMPSON TITEN HEAVY DUTY SCREW ANCHOR WITH A 1" O.D. WASHER INTO GROUT FILLED CMU WITH A MINIMUM EMBEDMENT DEPTH 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 +390.6/–436.0 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.

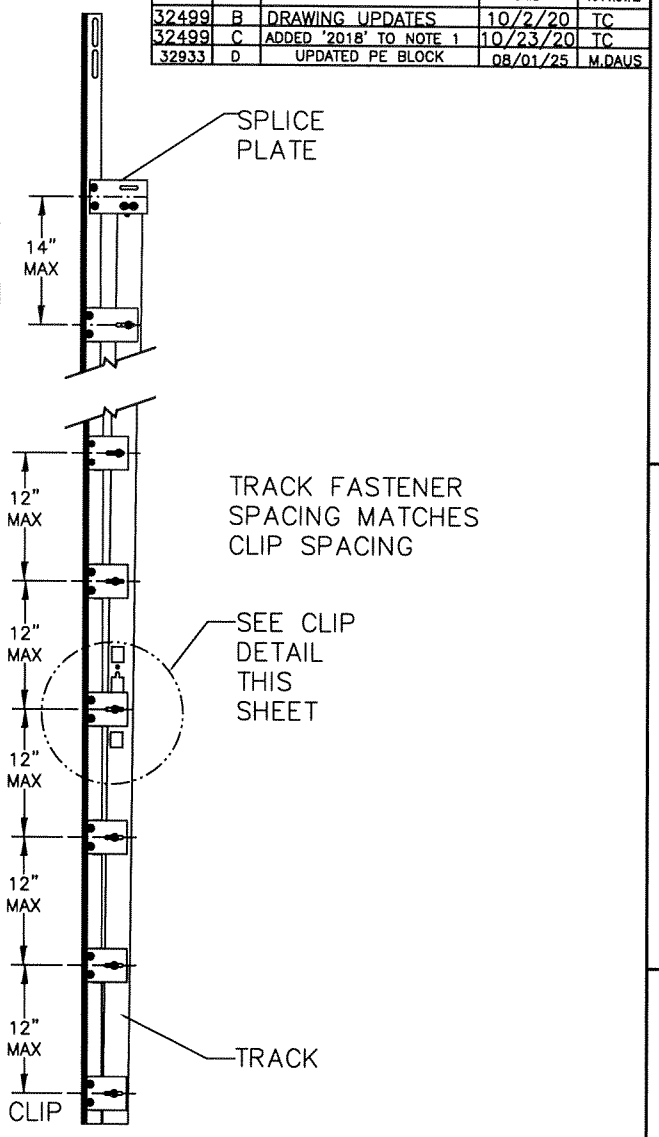
MAX SPACING OF ANCHORS/SCREWS PER JAMB (IN)		
3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI CONCRETE NOTE 1	3/8" SIMPSON TITEN HD SCREW ANCHOR TO MINIMUM 2000 PSI GROUT FILLED CMU NOTE 2	3/8" X 3" LONG LAG SCREW NOTE 3
24	12	24



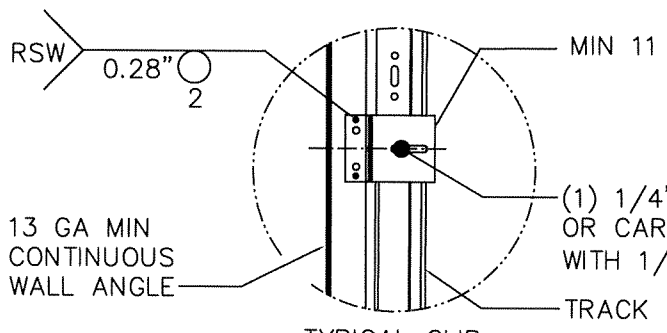


TYPICAL CLIP BOLTING DETAIL





CLIPS TO BE EITHER BOLTED OR WELDED. SEE DETAILS THIS PAGE.



TYPICAL CLIP WELDING DETAIL

8/10/20

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

GORDON THOMAS
FL PE 46718

REVISIONS				
EN	REV	DESCRIPTION	DATE	APPROVAL
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32499	C	ADDED '2018' TO NOTE 1	10/23/20	TC
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FINISH: N/A

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SCALE: N/A SHEET 2 OF 2