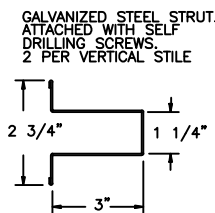


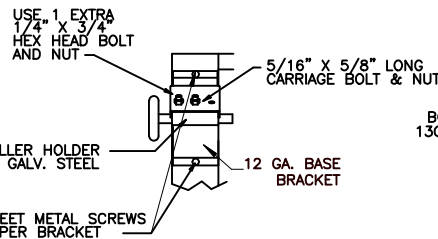
DETAIL F (ALTERNATE)



DETAIL D

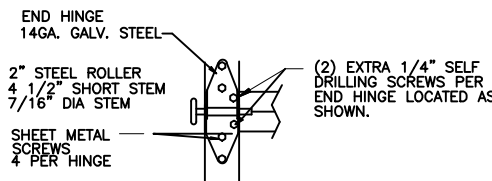
3" 18GA. (0.044") WIDE STRUT

STRUTTING SCHEDULE	
2 per Bottom Section (1 over bottom bracket and 1 below the hinges)	
1 per Intermediate Section (Top of section below the hinges)	
1 per Top Section (Top of section below the Top Roller Carriers)	

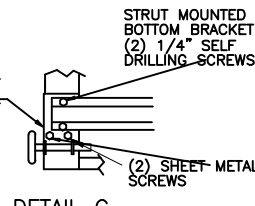


DETAIL F

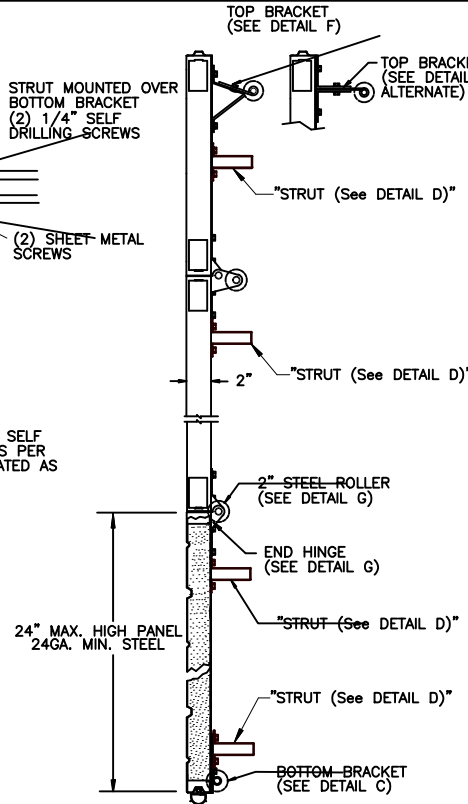
LEFT SIDE SHOWN
RIGHT SIDE OPPOSITE



DETAIL G



DETAIL C



SECTION A-A

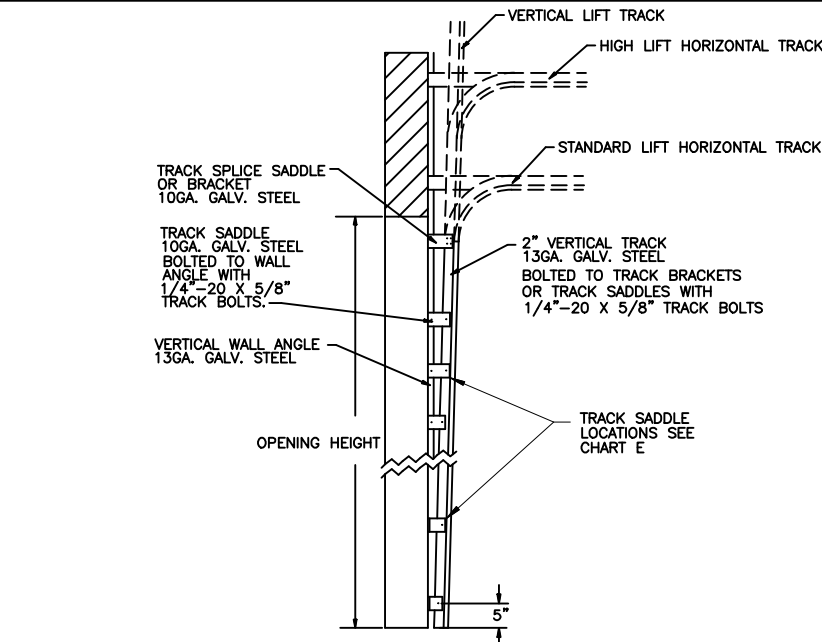
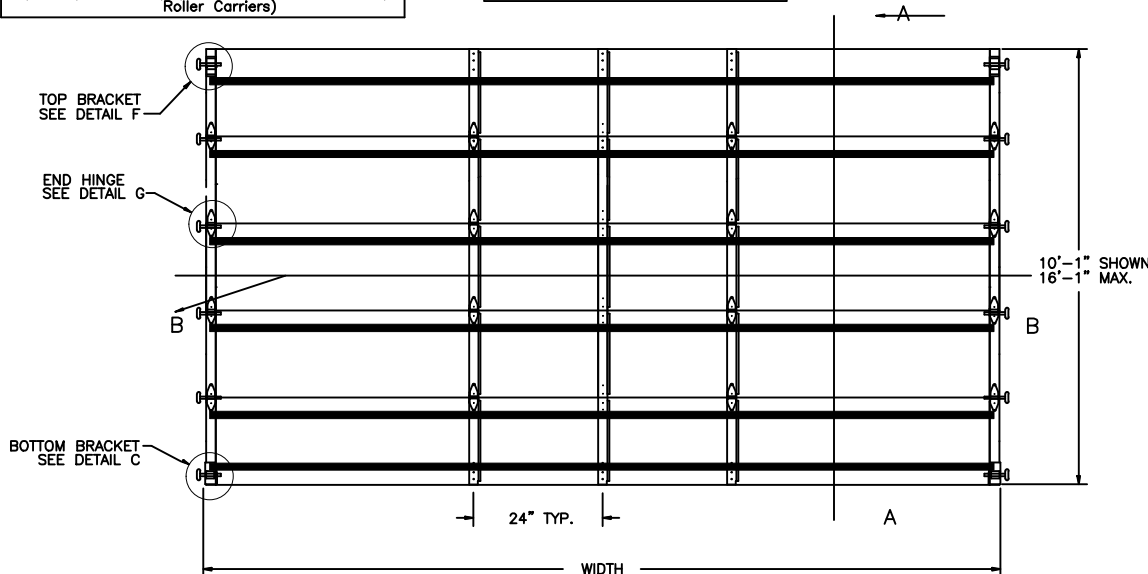


CHART E			
Door Ht.	No. of Track Saddles	TRACK SADDLE LOCATIONS	
8'-0"	4	5", 29", 53", 75"	
9'-0"	4	5", 29", 53", 75"	
10'-0"	5	5", 29", 53", 75", 101"	
12'-0"	6	5", 29", 53", 75", 101", 125"	
14'-0"	7	5", 29", 53", 75", 101", 125", 149"	
16'-0"	8	5", 29", 53", 75", 101", 125", 149", 173"	

NOTE: Anchor bolts are located 3/4" above centerline of track saddle. One anchor bolt per track saddle



DOOR SIZE		NO. OF CEN. STILES	STILE SPACING	P.S.F. TABLE	
WIDTH	HEIGHT			DESIGN PRESSURE POSITIVE	DESIGN PRESSURE NEGATIVE
12'-2"	16'-1"	3	24"	+23.7	-26.6

PRESSURES TABULATED ARE BASED ON TESTS OF MODEL 240 (24ga. Panel) MODEL 200 (20ga. Panel) WILL WITHSTAND EQUAL OR HIGHER PRESSURES

DOORS SHOWN ON THIS DRAWING HAVE BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES LISTED IN THE TABLE ABOVE VIA TESTING TO ANSI/DASMA 108-05/12/17.

DETERMINATION OF SUITABILITY FOR SPECIFIC SITES IS THE RESPONSIBILITY OF OTHERS.

John E. Scates PE
2560 King Arthur Blvd #124-54
Lewisville, TX 75056
TX-PE 56308, F-2203
FL-PE-51737

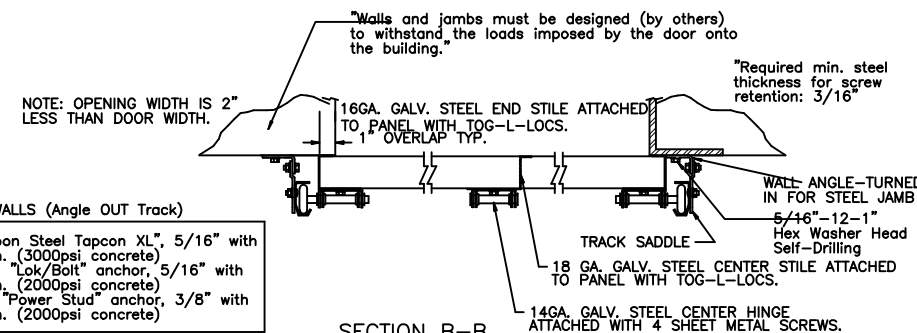
Professional Engineer's seal provided only for verification of windload construction details.

Digitally signed by John E. Scates, P.E.
Date: 2020.09.08 11:21:34 -05'00'

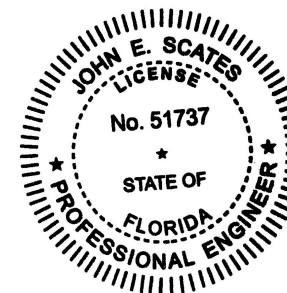
D	6/03/20	PE ADDRESS
C	12/15/11	NEW LOGO/ENG. STAMP
B	08/20/09	
A	07/09/09	
REV.	DATE	CHANGE

FOR CONCRETE WALLS (Angle OUT Track)

ITW Buildex "Carbon Steel Tapcon XL", 5/16" with 1.75" embed min. (3000psi concrete)
Powers Fasteners "Lok/Bolt" anchor, 5/16" with 1.75" embed min. (2000psi concrete)
Power Fasteners "Power Stud" anchor, 3/8" with 1.63" embed min. (2000psi concrete)



SECTION B-B



5800 SCOTT HAMILTON DR.
LITTLE ROCK, AR 72209
(501) 562-1872

MODELS: MODEL 240(24GA.)/200(20GA.) SINGLE STRUTS

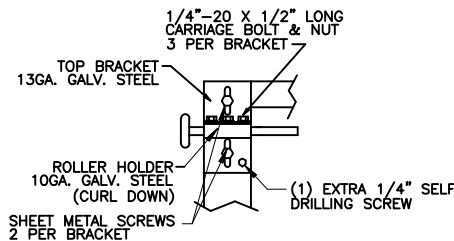
PART NAME: 12'-2" x 16'-1"

TOLERANCE: DESIGN LOAD +23.7 -26.6

FRAC. ± 1/64" DEC. ± .015 ANG. ± 1"

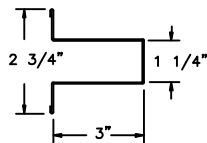
NEXT LEVEL: DATE: 08-20-09 DWG. NO. 99-B-092

SCALE: PLOT SCALE DRN. BY BNB SHT 1 OF 2



DETAIL F (ALTERNATE)

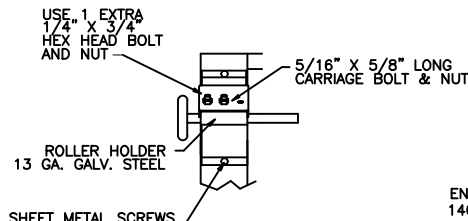
GALVANIZED STEEL STRUT. ATTACHED WITH SELF DRILLING SCREWS. 2 PER VERTICAL STILE



DETAIL D
3" 18GA. (0.044") WIDE STRUT

STRUTTING SCHEDULE

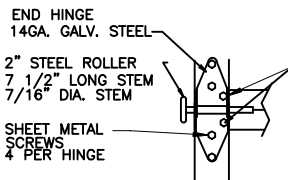
2 per Bottom Section (1 over bottom bracket and 1 below the hinges)
1 per Intermediate Section (Top of section below the hinges)
1 per Top Section (Top of section below the Top Roller Carriers)



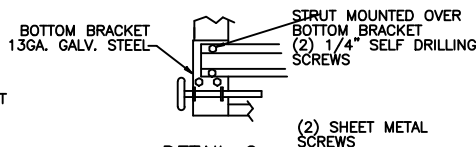
DETAIL F

LEFT SIDE SHOWN
RIGHT SIDE OPPOSITE

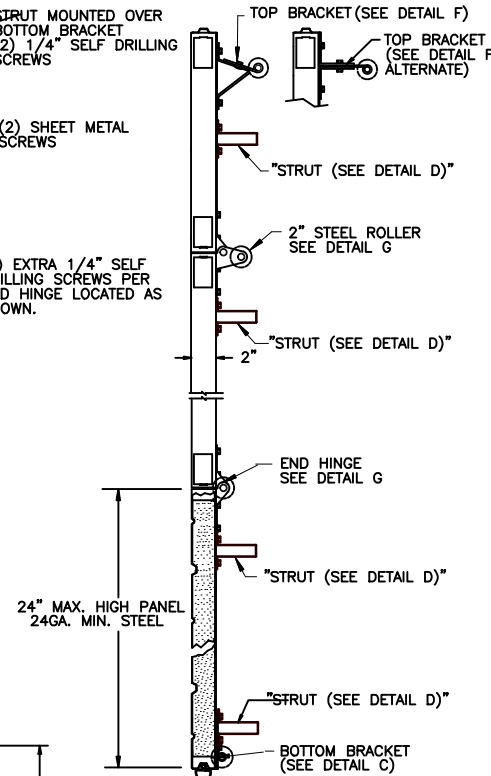
NOTE: UNLESS SPECIFIED OTHERWISE ALL FASTENERS ARE 1/4"-14 X 3/4" HEX HEAD SHEET METAL SCREWS OR 1/4" X 3/4" HEX HEAD SELF DRILLING SCREWS.



DETAIL G



DETAIL C



SECTION A-A

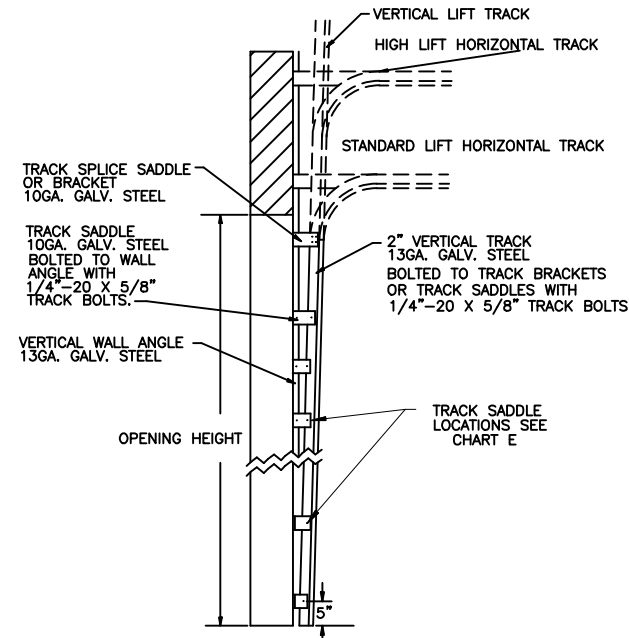
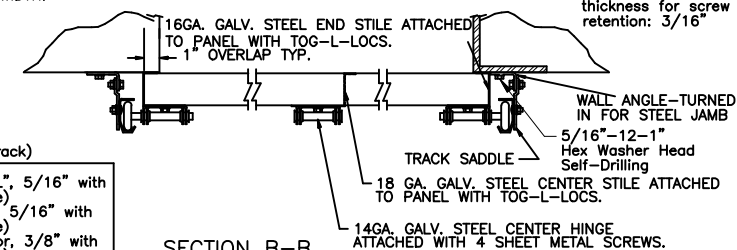


CHART E

Door Ht.	No. of Track Saddles	TRACK SADDLE LOCATIONS
8'-0"	4	5", 29", 53", 75"
9'-0"	4	5", 29", 53", 75"
10'-0"	5	5", 29", 53", 75", 101"
12'-0"	6	5", 29", 53", 75", 101", 125"
14'-0"	7	5", 29", 53", 75", 101", 125", 149"
16'-0"	8	5", 29", 53", 75", 101", 125", 149", 173"

NOTE: Anchor bolts are located 3/4" above centerline of track saddle. One anchor bolt per track saddle.
"Walls and jambs must be designed (by others) to withstand the loads imposed by the door onto the building."

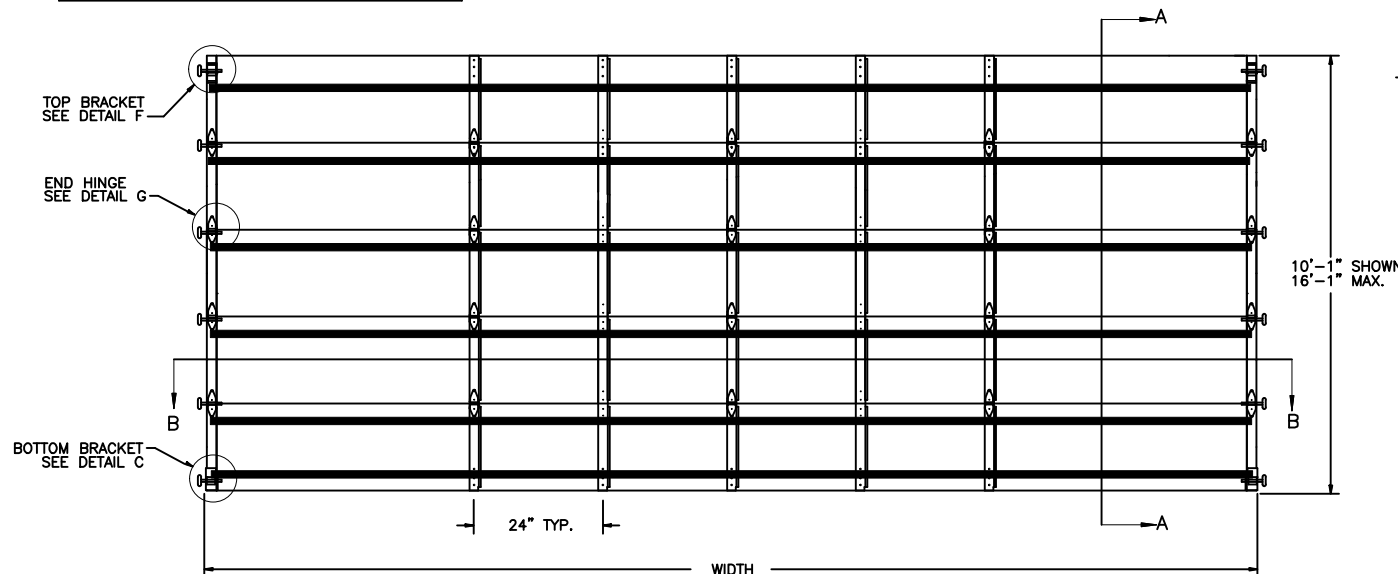
"Required min. steel thickness for screw retention: 3/16"



SECTION B-B

FOR CONCRETE WALLS (Angle OUT Track)

ITW Buildex "Carbon Steel Tapcon XL", 5/16" with 1.75" embed min. (3000psi concrete)
Powers Fasteners "Lok/Bolt" anchor, 5/16" with 1.75" embed min. (2000psi concrete)
Power Fasteners "Power Stud" anchor, 3/8" with 1.63" embed min. (2000psi concrete)



DOOR SIZE		NO. OF CEN. STILES	STILE SPACING	P.S.F. TABLE	
WIDTH	HEIGHT			DESIGN PRESSURE	
14'-2"	16'-1"	5	24"	POSITIVE	NEGATIVE
16'-2"				+22.4	-24.9
				+19.6	-21.8

PRESSURES TABULATED ARE BASED ON TESTS OF MODEL 240 (24ga. Panel)
MODEL 200 (20ga. Panel) WILL WITHSTAND EQUAL OR HIGHER PRESSURES

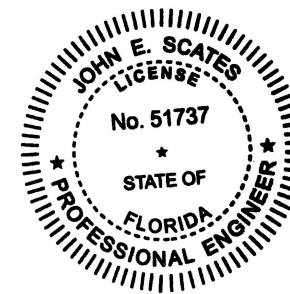
DOORS SHOWN ON THIS DRAWING HAVE BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES LISTED IN THE TABLE ABOVE VIA TESTING TO ANSI/DASMA 108-05/12/17.

DETERMINATION OF SUITABILITY FOR SPECIFIC SITES IS THE RESPONSIBILITY OF OTHERS.

John E. Scates PE
2560 King Arthur Blvd #124-54
Lewisville, TX 75058
TX-PE 56308, F-2203
FL-PE-51737

Professional Engineer's seal provided only for verification of windload construction details.

D	6/03/20	PE ADDRESS
B	12/15/11	NEW LOGO/ ENG. STAMP
A	07/09/09	
REV.	DATE	CHANGE



W WINDSOR DOOR

5800 SCOTT HAMILTON DR.
LITTLE ROCK, AR 72209
(501) 562-1872

MODELS: MODEL 240(24GA.)/200(20GA.) SINGLE STRUTS

PART NAME: 16'-2" x 16'-1"		DESIGN LOAD +19.6 -21.8	
TOLERANCE	NEXT LEVEL	DATE: 07-09-09	DWG. NO. 99-B-092
FRAC. ± 1/64" DEC. ± .015 ANG. ± 1"	PLOT SCALE	DRN. BY BNB	SHT 2 OF 2
SCALE NONE			