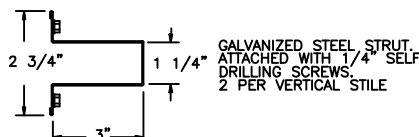
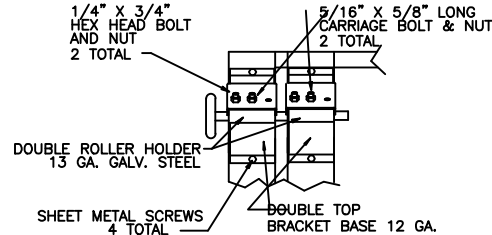


DETAIL F (ALTERNATE)



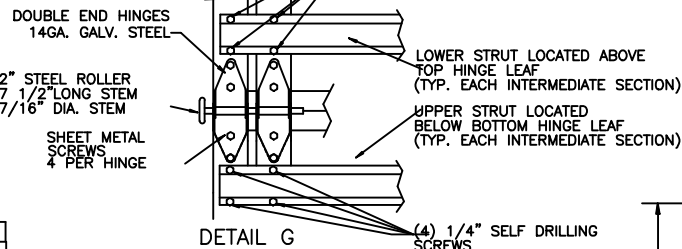
3\"/>

STRUTTING SCHEDULE		
BOTTOM SECTION:	2 STRUTS	(1) Over Bottom Bracket "DETAIL C"
		(1) Below Hinge "DETAIL G"
INTERM. SECTION:	2 STRUTS	(1) Above Hinge "DETAIL G"
		(1) Below Hinge "DETAIL G"
TOP SECTION:	2 STRUTS	(1) Above Hinge "DETAIL G"
		(1) Below Top Roller Carrier



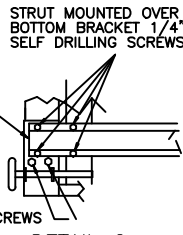
DETAIL F

LEFT SIDE SHOWN
RIGHT SIDE OPPOSITE

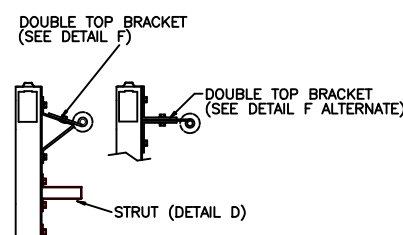


DETAIL G

NOTE: UNLESS SPECIFIED OTHERWISE,
ALL FASTENERS ARE 1/4\"/>



DETAIL C



STRUT (DETAIL D)

2\"/>

DOUBLE END HINGES
(SEE DETAIL G)

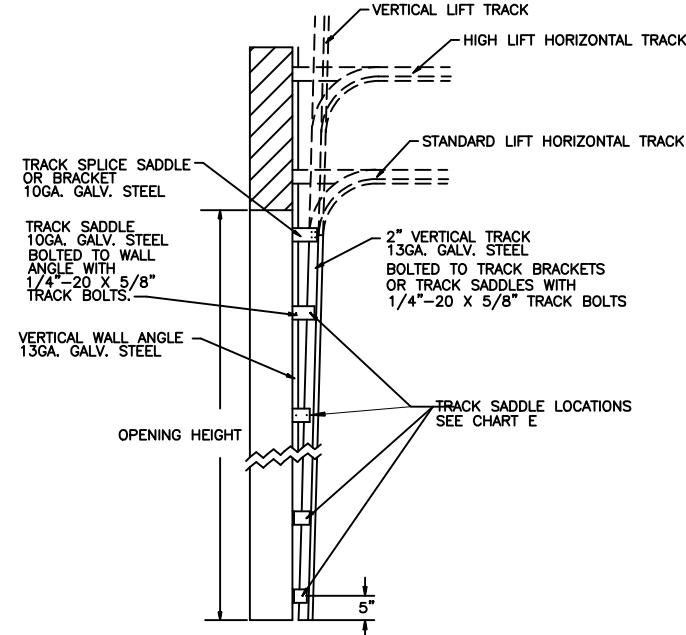
STRUT (DETAIL D)

STRUT (DETAIL D)

BOTTOM BRACKET
(SEE DETAIL C)

24\"/>

SECTION A-A



OPENING HEIGHT

TRACK SADDLE LOCATIONS
SEE CHART E

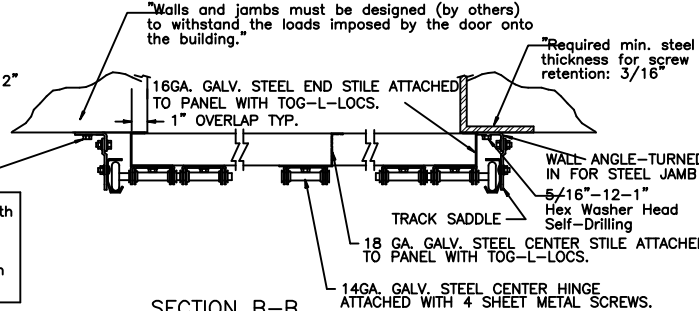
CHART E		
Door Ht.	No. of Track Saddles	TRACK SADDLE LOCATIONS
8'-0"	8	5",17",29",41",53",65",77"
9'-0"	9	5",17",29",41",53",65",77",89"
10'-0"	10	5",17",29",41",53",65",77",89",101"
12'-0"	12	5",17",29",41",53",65",77",89",101",113",125"
14'-0"	14	5",17",29",41",53",65",77",89",101",113",125",137",149"
16'-0"	16	5",17",29",41",53",65",77",89",101",113",125",137",149",161",173"

NOTE: Anchor bolts are located 3/4\"/>

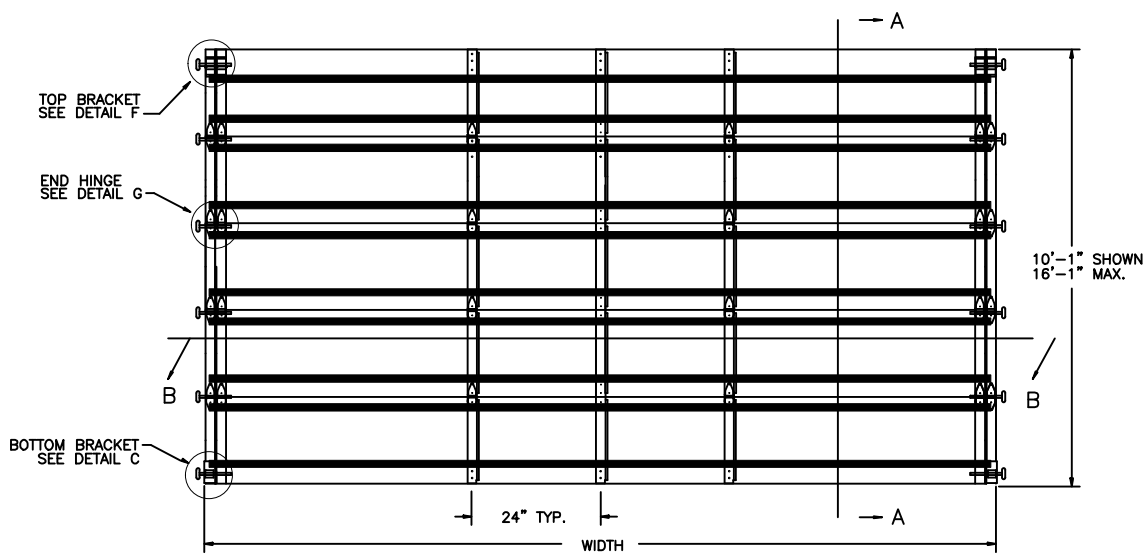
NOTE: OPENING WIDTH IS 2\"/>

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



DOOR SIZE		NO. OF CEN. STILES	STILE SPACING	P.S.F. TABLE	
WIDTH	HEIGHT			POSITIVE	NEGATIVE
12'-2"	16'-1"	3	24"	+38.3	-43.0

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

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

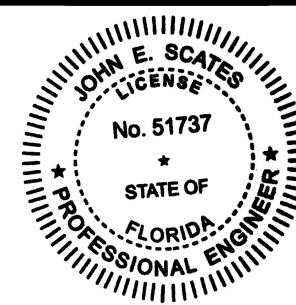
Professional Engineer's seal
provided only for verification of
windload construction details.

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.

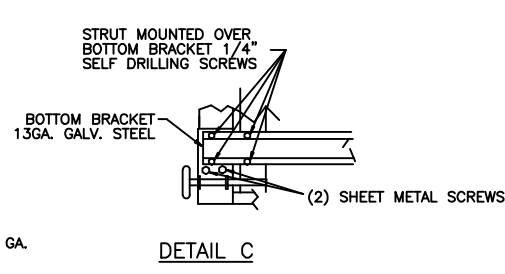
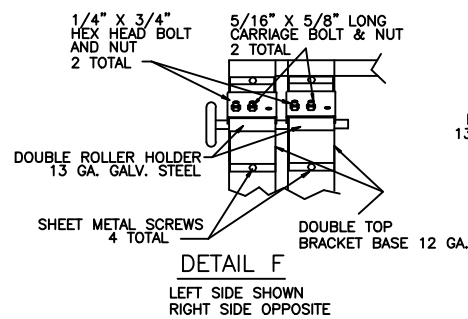
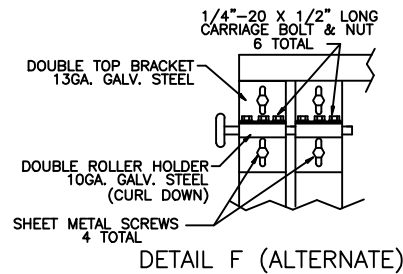
DETERMINATION OF SUITABILITY FOR SPECIFIC SITES IS THE RESPONSIBILITY OF OTHERS.

Digitally signed by John E. Scates, P.E.
Date: 2020.09.08 11:20:52 -05'00'

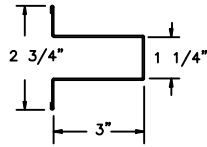
D	6/03/20	PE ADDRESS
C	12/15/11	NEW LOGO/ENG. STAMP
B	08/20/09	
A	07/09/09	
REV.	DATE	CHANGE



WINDSOR DOOR			
5800 SCOTT HAMILTON DR. LITTLE ROCK, AR 72209 (501) 562-1872			
MODELS: MODEL 240(24GA.)/200(20GA.) DOUBLE STRUTS			
PART NAME: 12'-2" x 16'-1" DESIGN LOAD +38.3 -43.0			
TOLERANCE			
FRAC. ± 1/64" DEC. ± .015" ANG. ± 1"	NEXT LEVEL	DATE:	DWG. NO.
		08-20-09	99-B-093
SCALE	PLOT SCALE	DRN. BY	SHT 1 OF 2
NONE		BNB	



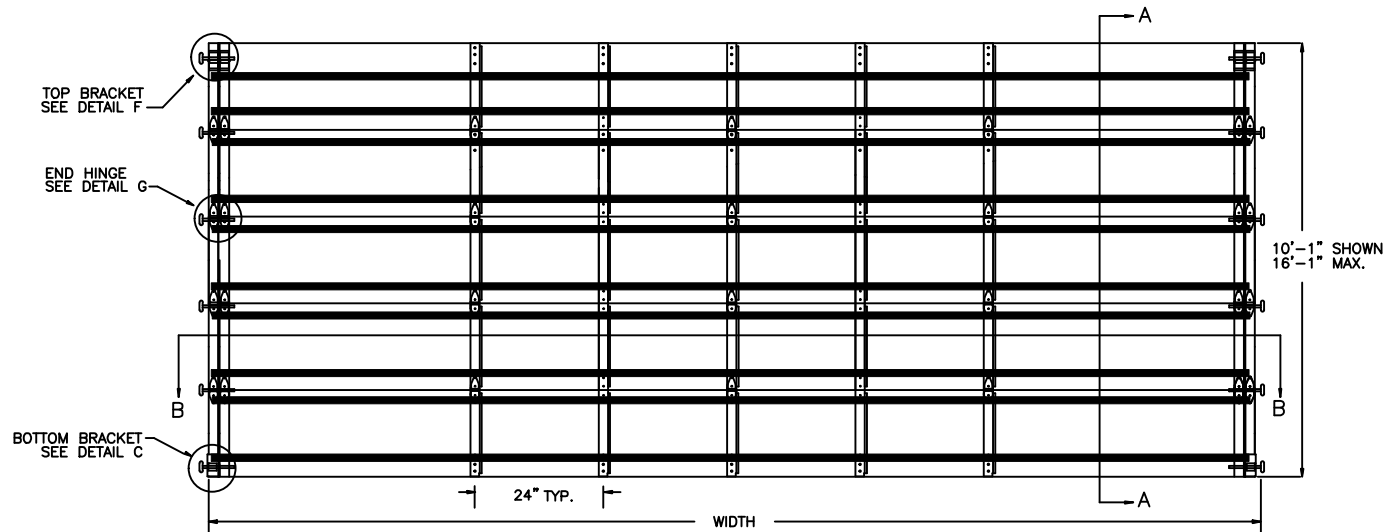
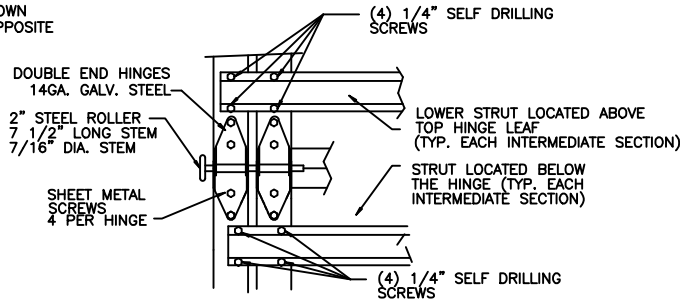
GALVANIZED STEEL STRUT, ATTACHED WITH 1/4" SELF DRILLING SCREWS, 2 PER VERTICAL STILE



3" 18GA. (0.044") WIDE STRUT

STRUTTING SCHEDULE	
BOTTOM SECTION:	2 STRUTS (1) Over Bottom Bracket "DETAIL C"
	(1) Below Hinge "DETAIL G"
INTERM. SECTION:	2 STRUTS (1) Above Hinge "DETAIL G"
	(1) Below Hinge "DETAIL G"
TOP SECTION:	2 STRUTS (1) Above Hinge "DETAIL G"
	(1) Below Top Roller Carrier

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.



DOOR SIZE		NO. OF CEN. STILES	STILE SPACING	P.S.F. TABLE	
WIDTH	HEIGHT			DESIGN PRESSURE POSITIVE	DESIGN PRESSURE NEGATIVE
14'-2"	16'-1"	5	24"	+29.8	-33.3
16'-2"	16'-1"			+26.1	-29.1

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

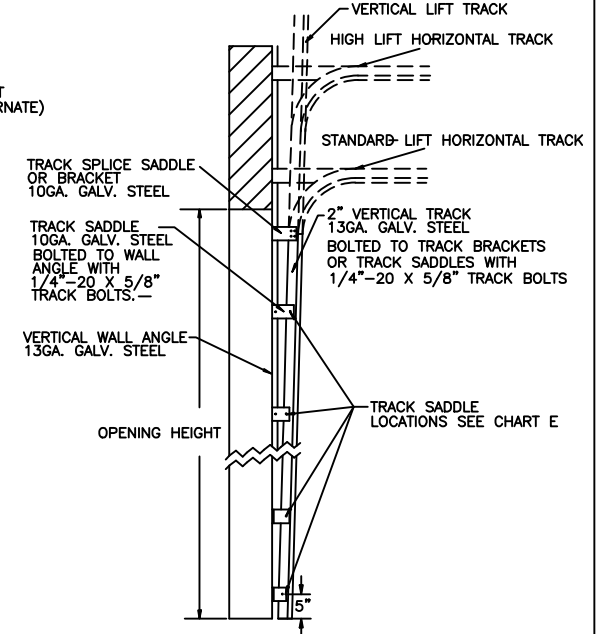
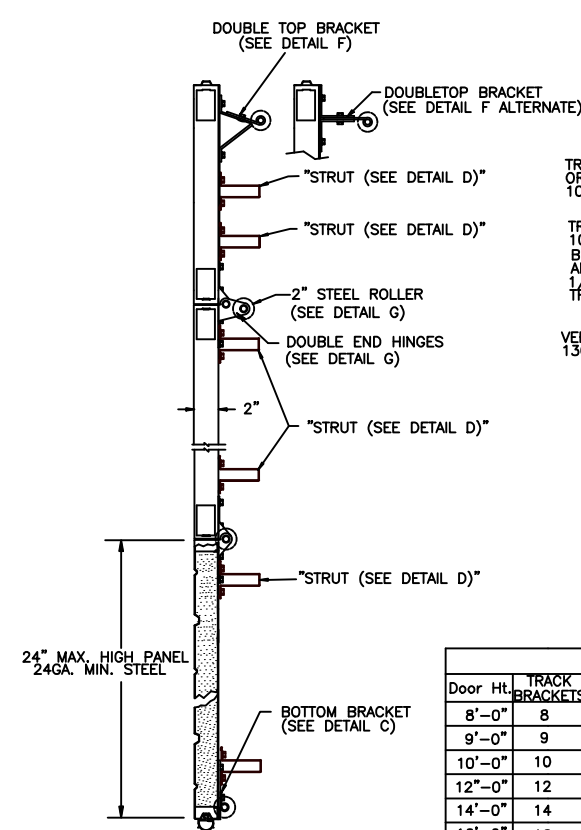
DOORS SHOWN ON THIS DRAWING HAVE BEEN DEMONSTRATED TO WITHSTAND THE PRESSURES LISTED IN THE TABLE ABOVE VIA TESTING TO ANSI/DASMA 108-05/12/17.

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

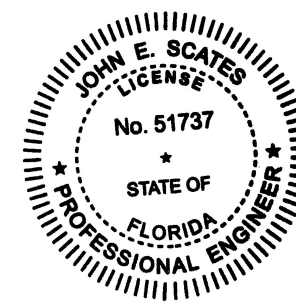
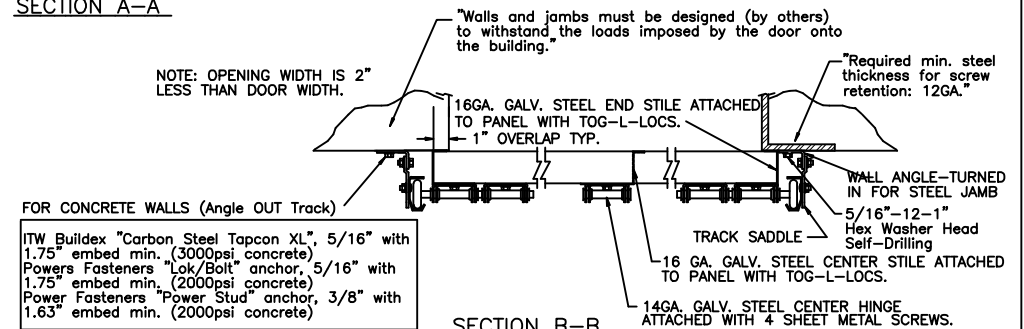
Professional Engineer's seal provided only for verification of windload construction details.

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



Door Ht.	TRACK BRACKETS	TRACK SADDLE LOCATIONS
8'-0"	8	5",17",29",41",53",65",77"
9'-0"	9	5",17",29",41",53",65",77",89"
10'-0"	10	5",17",29",41",53",65",77",89",101"
12'-0"	12	5",17",29",41",53",65",77",89",101",113",125"
14'-0"	14	5",17",29",41",53",65",77",89",101",113",125",137",149"
16'-0"	16	5",17",29",41",53",65",77",89",101",113",125",137",149",161",173"

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



WINDSOR DOOR		5800 SCOTT HAMILTON DR. LITTLE ROCK, AR 72209 (501) 562-1872	
MODELS:		MODEL 240(24GA.)/200(20GA.) DOUBLE STRUTS	
PART NAME:		16'-2" x 16'-1"	
TOLERANCE		DESIGN LOAD +26.1 -29.1	
FRAC. ± 1/64" DEC. ± .015 ANG. ± 1°	NEXT LEVEL	DATE: 07-09-09	DWG. NO. 99-B-093
SCALE NONE	PLOT SCALE	DRN. BY BNB	SHT 2 OF 2