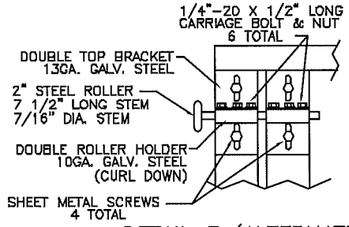
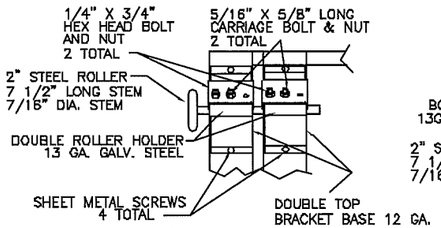
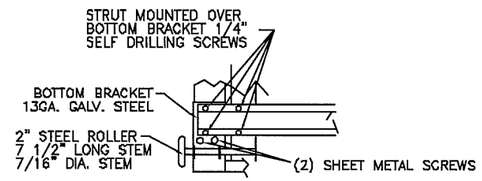


DETAIL F (ALTERNATE)

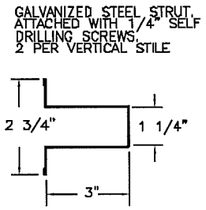


DETAIL F

LEFT SIDE SHOWN
RIGHT SIDE OPPOSITE



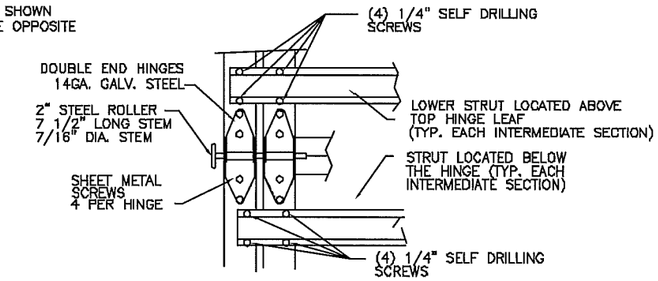
DETAIL C



DETAIL D

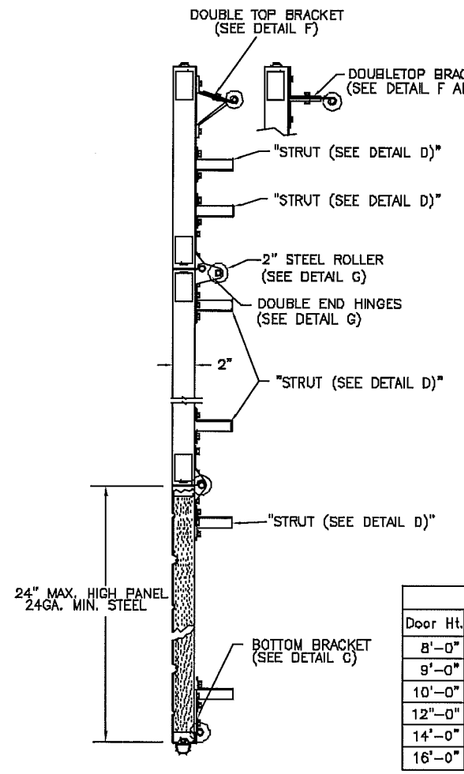
3" 18GA. (0.044") WIDE STRUT

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

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



SECTION A-A

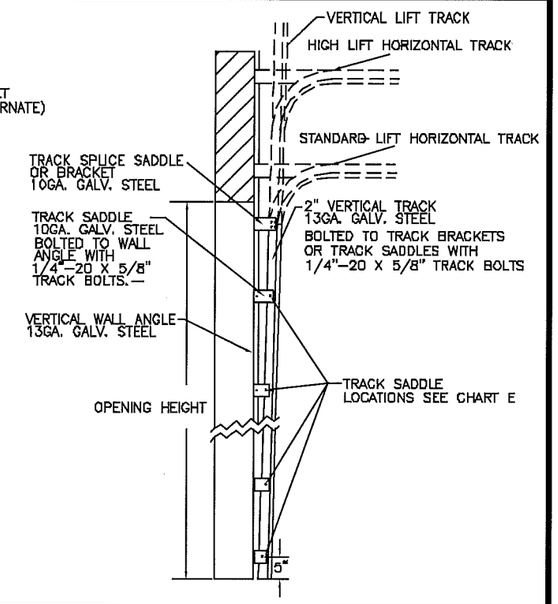
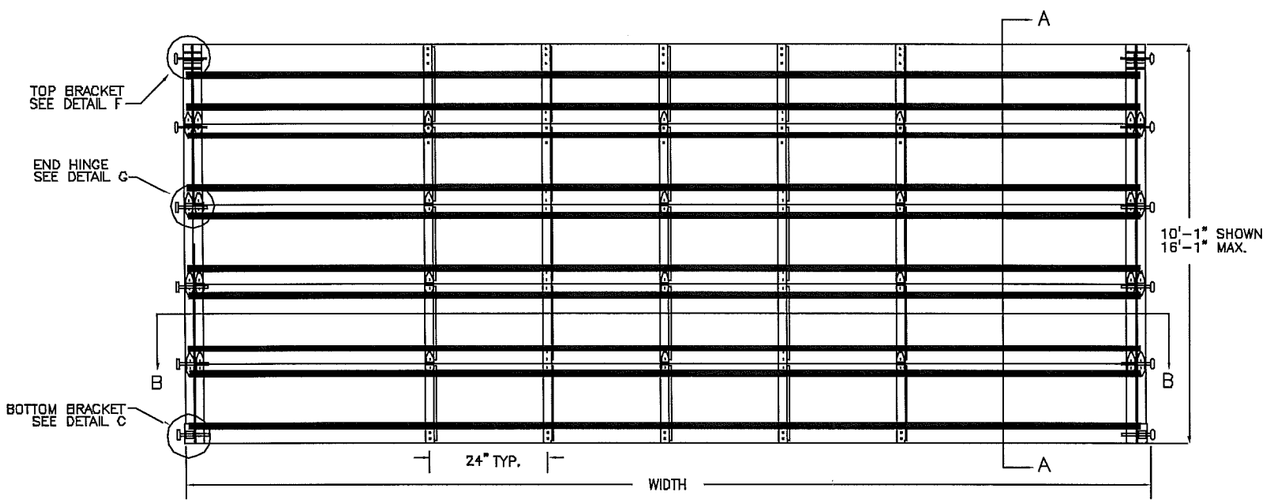
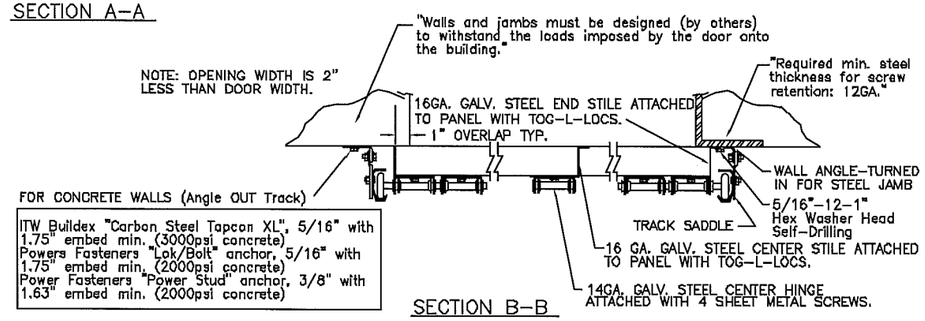


CHART E		
Door Ht.	TRACK BRACKETS	TRACK SADDLE LOCATIONS
8'-0"	8	5",17",29",41",53",65",77"
9'-0"	9	5",17",29",41",53",65",77",89"
10'-0"	10	5",17",29",41",53",65",77",89",101"
12'-0"	12	5",17",29",41",53",65",77",89",101",113",125"
14'-0"	14	5",17",29",41",53",65",77",89",101",113",125",137",149"
16'-0"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





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 DESIGN PRESSURE	
	WIDTH	HEIGHT			POSITIVE	NEGATIVE
	14'-2"	16'-1"	5	24"	+29.8	-33.3
	16'-2"				+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

REV.	DATE	CHANGE
B	12/15/11	NEW LOGO/ENG. STAMP
A	07/09/09	

STATE OF TEXAS
JOHN E. SCATES
56308
John E Scates 10/19/12

John E Scates PE
3121 FAIRGATE DR.
Carrollton, TX 75007
TX-PE 56308-F-2203
FL-PE-51737
(972) 492-9500

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

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"
DESIGN LOAD +26.1 -29.1

TOLERANCE: FRAC. ± 1/64" DEC. ± .015 ANG. ± 1°

NEXT LEVEL | DATE: 07-09-09 | DWG. NO. 99-B-093-B REV. B

SCALE: NONE | PLOT SCALE | DRN. BY: BNB | SHT 1 OF 1