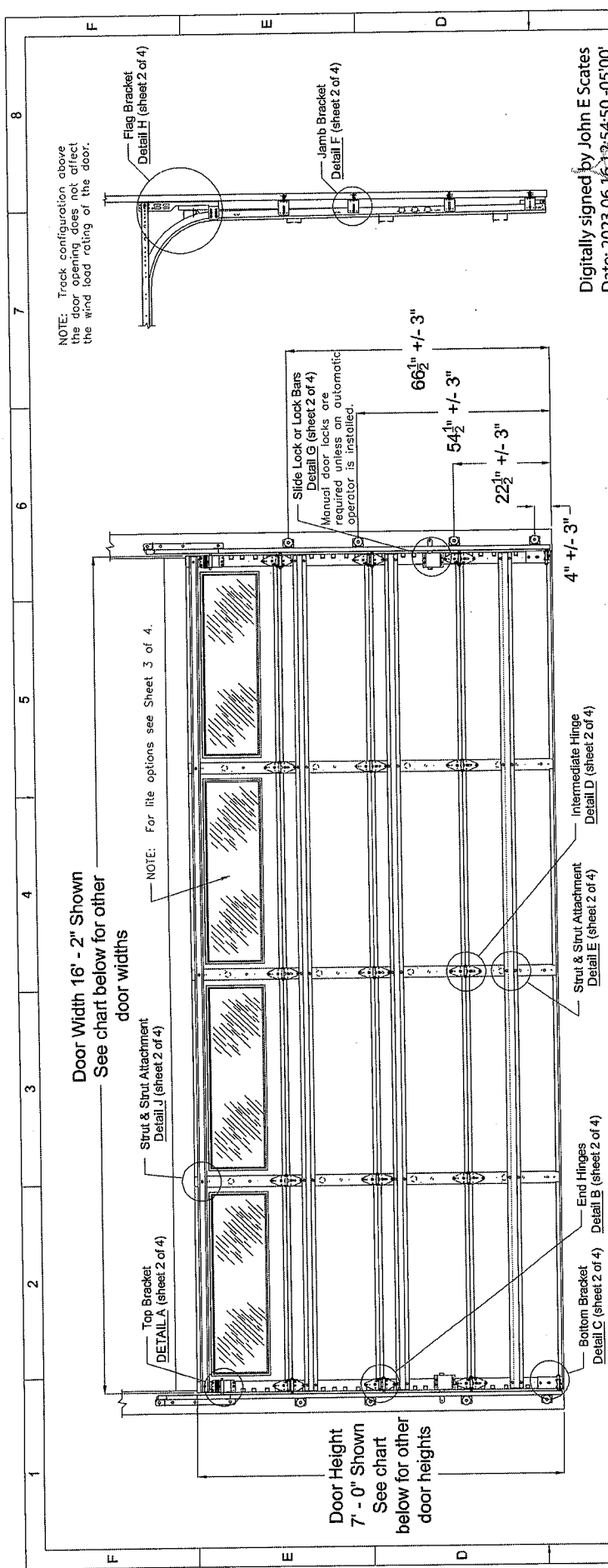
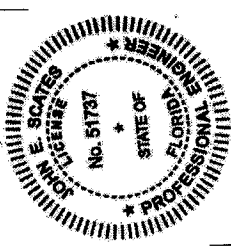




Digitally signed by John E Scates
Date: 2023.06.16 12:54:50 -05'00'



John E. Scates, P.E.
2560 King Arthur Blvd. Ste 124-54
Lewisville, Texas 75036
Florida P.E. # 51737

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NOTICE:
These drawings are a supplement to the installation instructions for a standard door and only covers those procedures that vary from standard door installation. If these specific procedures are not followed, the door may not perform as designed.

NOTICE:
The lite section of this door may be replaced with a section with per lite style or a solid section. In either case the strut and stile configuration should remain the same.

NOTICE:
Only one lite section per door is permitted. The lite section can be used anywhere except for the bottom section. If the top section is not the lite section then the struts must be used and the door must be in the STRUT CONFIGURATION on page 3 of 4.

FL #16650.13



DESCRIPTION	DATE	REV.
16' x 7' PAN 2000 SERIES WATERS WIND LOAD SECTIONAL DOOR	12/24/15	1
DESIGN PRESSURE -18.5/20.4 PSF	12/24/15	1
DRAWN BY: MYS	DATE DRAWN: 7/24/15	REV. DATE: 6/13/23
MODEL(S):	See Sheet 3	SHEET: 1 OF 4

Jamb bracket quantities shown are for use with grade 2 or better southern pine jambs. Supporting structural elements are to be designed by a registered professional engineer for specific wind loads.

Door Height	Total No. of Sections	Total # of Struts (When lite section is used, the number at the right)	Jamb Brkts/She
6'-0"	4	4	3
6'-3"	4	4	3
6'-6"	4	4	4
6'-9"	4	4	4
7'-0"	4	4	4
7'-6"	5	5	5
7'-9"	5	5	5
8'-0"	5	5	5

Maximum section height is 21 in.

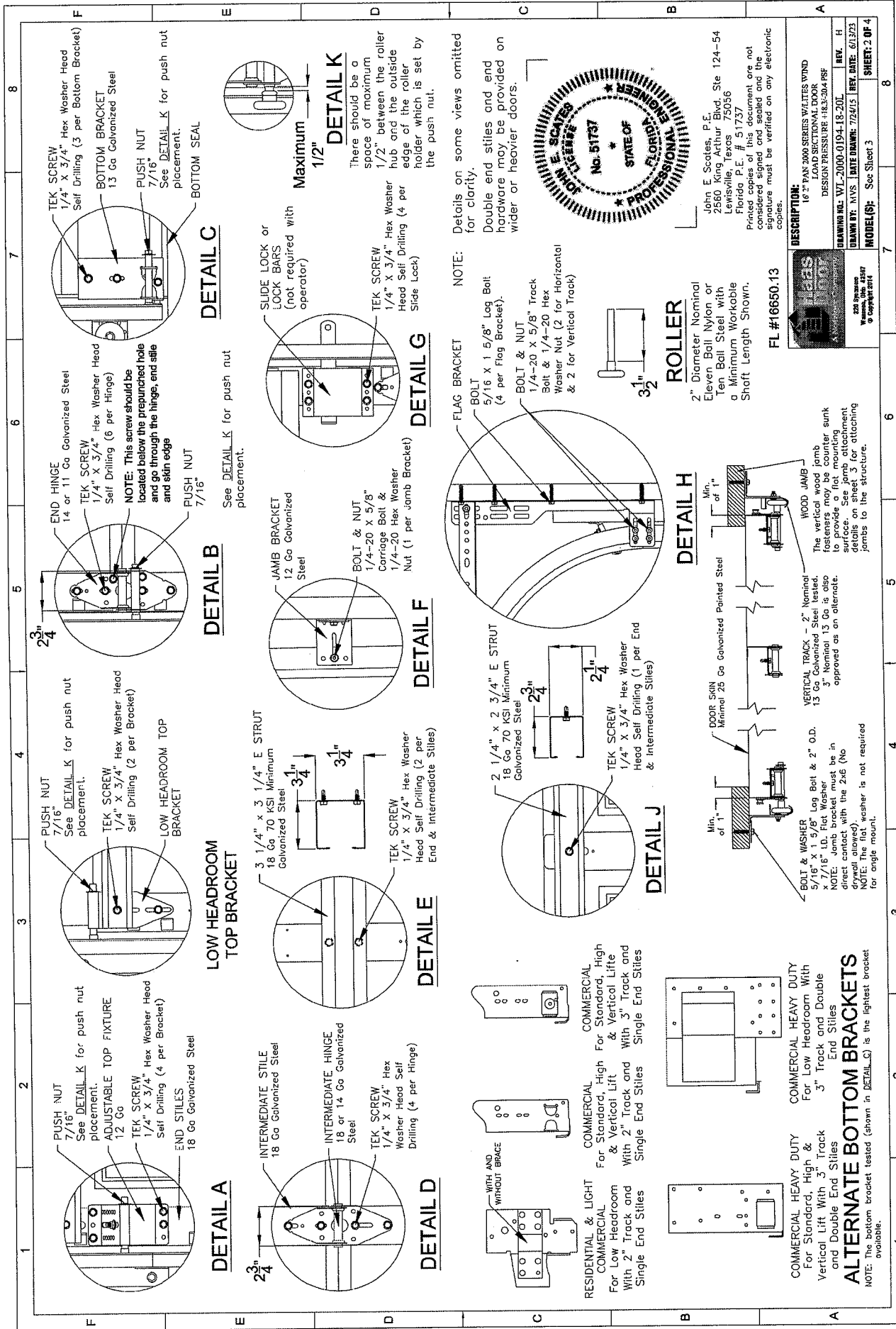
Maximum door height is 16 ft.

All doors, even those above the tested height, are available with jamb brackets or commercial full angle. The maximum spacing of the jamb brackets/track clips should be maintained.

This product has been evaluated per ANSI/DASMA 108 for static air pressure.

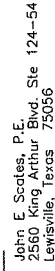
Door Widths Up To	Design Pressures + psf	End Stile	Minimum Center				Impact Resistant			
			Slits	Hinges	Slits	Hinges	Slits	Hinges	Slits	Hinges
9'-2"	32.2	-35.9	Single	1	1	1	1	1	NO	NO
10'-2"	29.1	-32.4	Single	2	1	1	2	2	NO	NO
12'-2"	24.3	-27.1	Single	2	2	2	2	2	NO	NO
14'-2"	20.8	-23.2	Single	3	2	2	3	3	NO	NO
16'-2"	18.3	-20.4	Single	3	3	3	3	3	NO	NO
18'-2"	14.4	-16.1	Single	3	3	3	3	3	NO	NO
20'-2"	11.7	-13.1	Single	4	4	4	4	4	NO	NO

This product is designed and sold by PSF. The AHJ or Engineer of Record is responsible for determining the PSF required for any given site.



NOTE: GLASS OPTIONS ARE AVAILABLE IN DSB MINIMUM, ACRYLIC, POLYCARBONATE, TEMPERED AND INSULATED GLASS UNITS.

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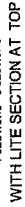
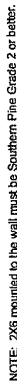
DAY LIGHT OPENING (DLO) - WIDE x TALL

Florida P.E. # 51737
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DESCRIPTION:
1625

DRAWING NO.: WL-2000-0194-18-20L	REV. H
DRAWN BY: MVS	DATE DRAWN: 7/24/15
SHEET: 3 OF 4	



WITH LITE SECTION ANYWHERE EXCEPT THE TOP AND BOTTOM SECTION

STRUT CONFIGURATION

DIRECT MOUNTING					
Building Substrate	Fastener Type	Minimum Embedment	Minimum Fastener Length	Minimum Edge Distance	Minimum Spacing
Southern Pine (SYP)	5/16" Dia. Lag Screw w/1-1/8" OD Flat Washer (shall conform to ANSI/ASME standard B18.2.1)	-	1-5/8"	1/2"	-
Spruce-Pine-Fir (SPF)	5/16" Dia. Lag Screw w/1-1/8" OD Flat Washer (shall conform to ANSI/ASME standard B18.2.1)	-	2-1/4"	1/2"	-
Min. 2500 PSI Concrete	3/8" Dia. Ankr-Tite CCAT w/1-1/8" OD Flat Washer (by Wej-Ht Fastening Systems)	2-3/8"	-	2-1/2"	6"
Min. 2500 PSI Concrete	1/4" Dia. Tapcon+ by ITW w/1-1/8" OD Flat Washer	2"	-	2-1/2"	5"
Min. 2500 PSI Concrete	1/4" Dia. Wedge-Bolt+ by Powers Fasteners w/1-1/8" OD Flat Washer	1-3/4"	-	2-1/2"	5"
Min. 2500 PSI Concrete	1/4" Dia. Red Head TruBolt wedge anchor by ITW w/1-1/8" OD Flat Washer	1-3/4"	-	2-1/2"	5"
1/8" GA Steel Minimum	5/16"-12 Tek Self-Drilling Screw w/1-1/8" OD Flat Washer	-	1"	-	-
3/16" GA Steel	Fillet Weld	See DASMA Technical Data Sheet TDS-161, section G			

NOTE: Doors are available with jamb brackets or commercial full angle. In either case the the maximum spacing noted on sheet 1 should be maintained for the brackets, clips and fasteners for direct mount.

FL #16650.13

DESCRIPTION:
16" TYP 2000 SERIES W/LITES WIND
LOAD SECTONAL DOOR
DESIGN PRESSURE +18.3-20.4 PSF

DRAWING NO.: WT-2000-0194-18-20L
DRAWN BY: MYS DATE DRAWN: 7/24/15
REV. H
REV. DATE: 6/13/23
MODEL(S): See Sheet 3
SHEET: 4 OF 4