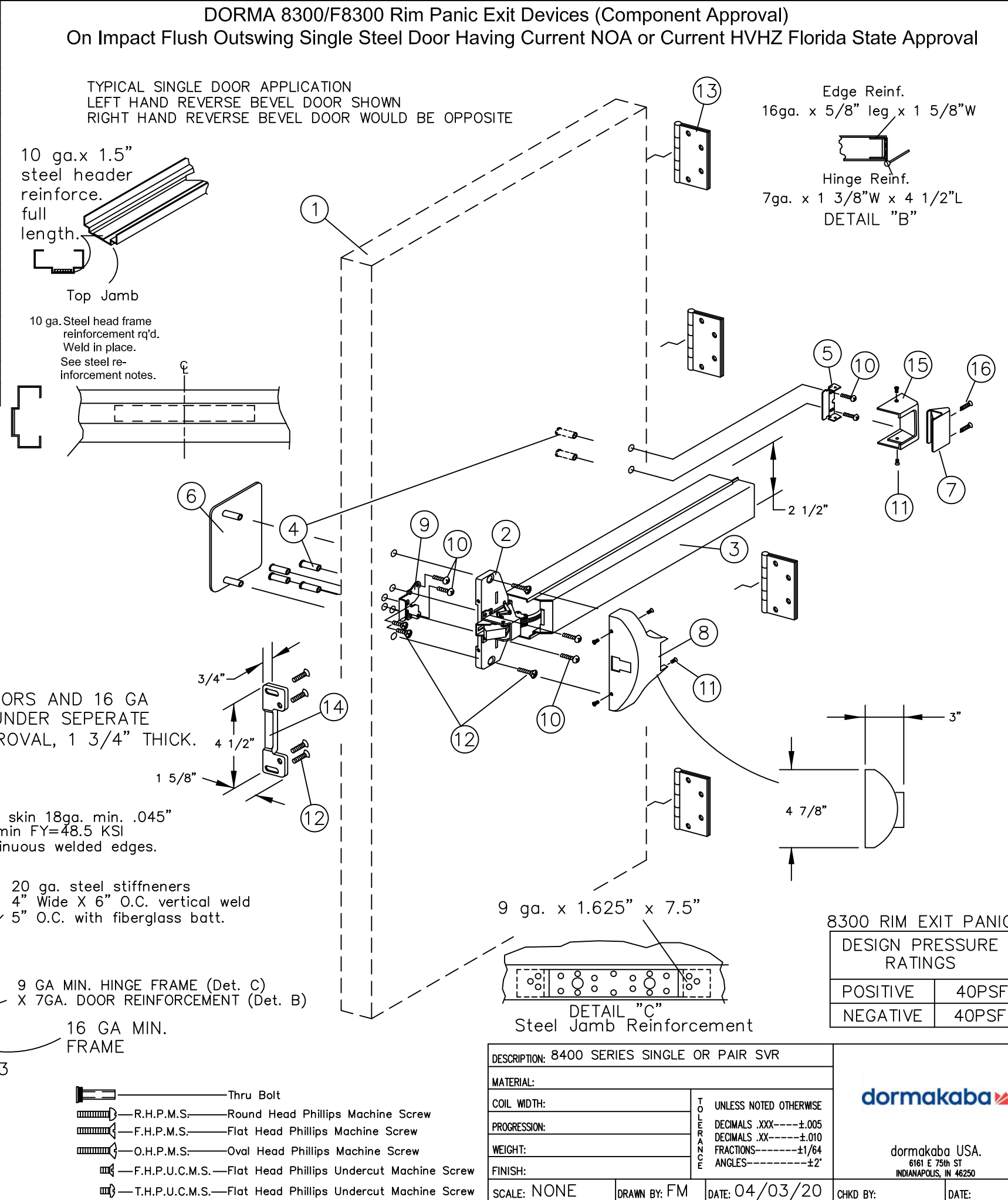
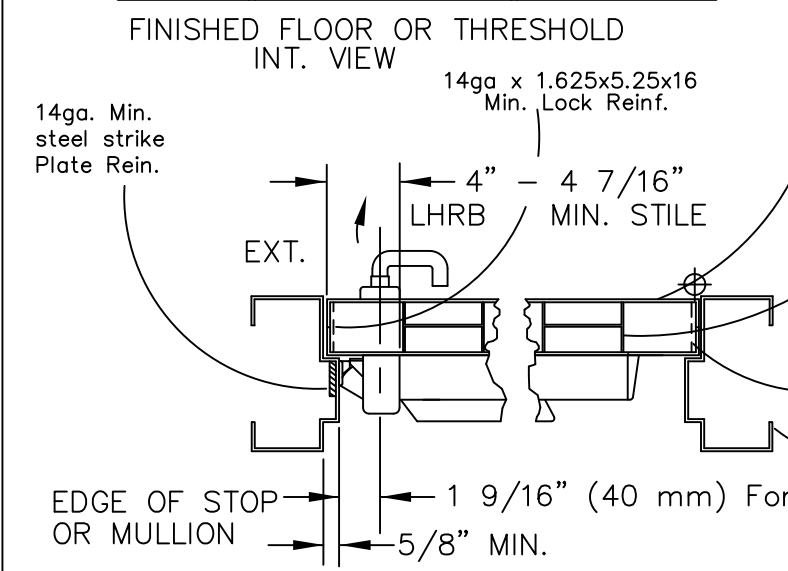
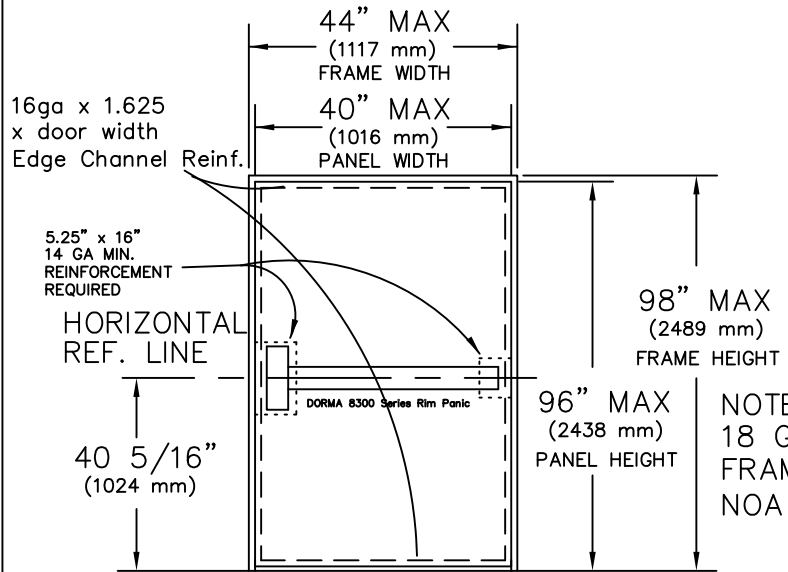


BILL OF MATERIAL			
ITEM	DESCRIPTION	PART NUMBER	QTY.
1	DOOR & FRAME	Under Sep. NOA	1
2	8300/F8300 CHASSIS ASSY.	SEE NOTES	1
3	TOUCHBAR/RAIL ASSY.		1
4	THRU BOLTS		6
5	ENDCAP BRACKET		1
6	OUTSIDE TRIM		1
7	ENDCAP		1
8	CHASSIS COVER		1
9	STRIKE ANGLE		1
10	12-24 R.H.P.M.S.		6
11	8-32 T.H.P.M.S.		6
12	12-24 F.H.P.M.S.		8
13	HINGES		4
14	#463 STRIKE	SEE NOTES	1
15	END COVER		1
16	#8 X 1" F.H.W.S.		2

CHASSIS ASSEMBLY MATERIAL: STEEL, BOLT 304 STAINLESS
STRIKE MATERIAL: 701 SANDCAST MALLEABLE IRON FERRATIC GRADE 32510



GENERAL NOTES

LIMITATIONS:

- Device complies with the Current FBC and has been tested to TAS 201-94, 202-94 and 203-94.
- Devices approved to be used as equal alternative to corresponding lock approved to be used in applic. 18ga (min .045") w/min FY=48.5 KSI outswing steel doors holding a current NOA, lowest design pressure of door or this component will apply.
- Device shall be installed on 18ga (min .045") w/min FY=48.5 KSI commercial steel door panel no wider or higher than shown on these approved drawings.
- Installation of this device requires steel reinforcement as indicated.
- Electrical options are not part of this approval and must be reviewed by corresponding authority.

Certifications:
Underwriters Laboratories-UL10C, UL305, UBC 7-2 (1997), ANSI-BHMA 156.3 Grade 1 Exit Hardware

3/4" Min. latchbolt throw. All reinforcement to be spot welded or better by door manufacturer.
All dimensions in accordance with manufacturer's standard installation instructions.
Frame: 16 ga. min.
Door: 18ga (min..045") w/min. FY=48.5 KSI
Hinge/Jamb reinforcement: As noted.
Header channel: 10ga. x 1.5" x width.
Lock stile/hinge stile, panic box reinforcement: 14 ga min.
Outside trim may be one of the following: 80DT, 8PDT, 8003, 8P03, 8003P, K03, R03, C03, K08, R08, C08, K23, R23, or C23.
Thrubolts must be used on all install.
Strike angle must be installed.

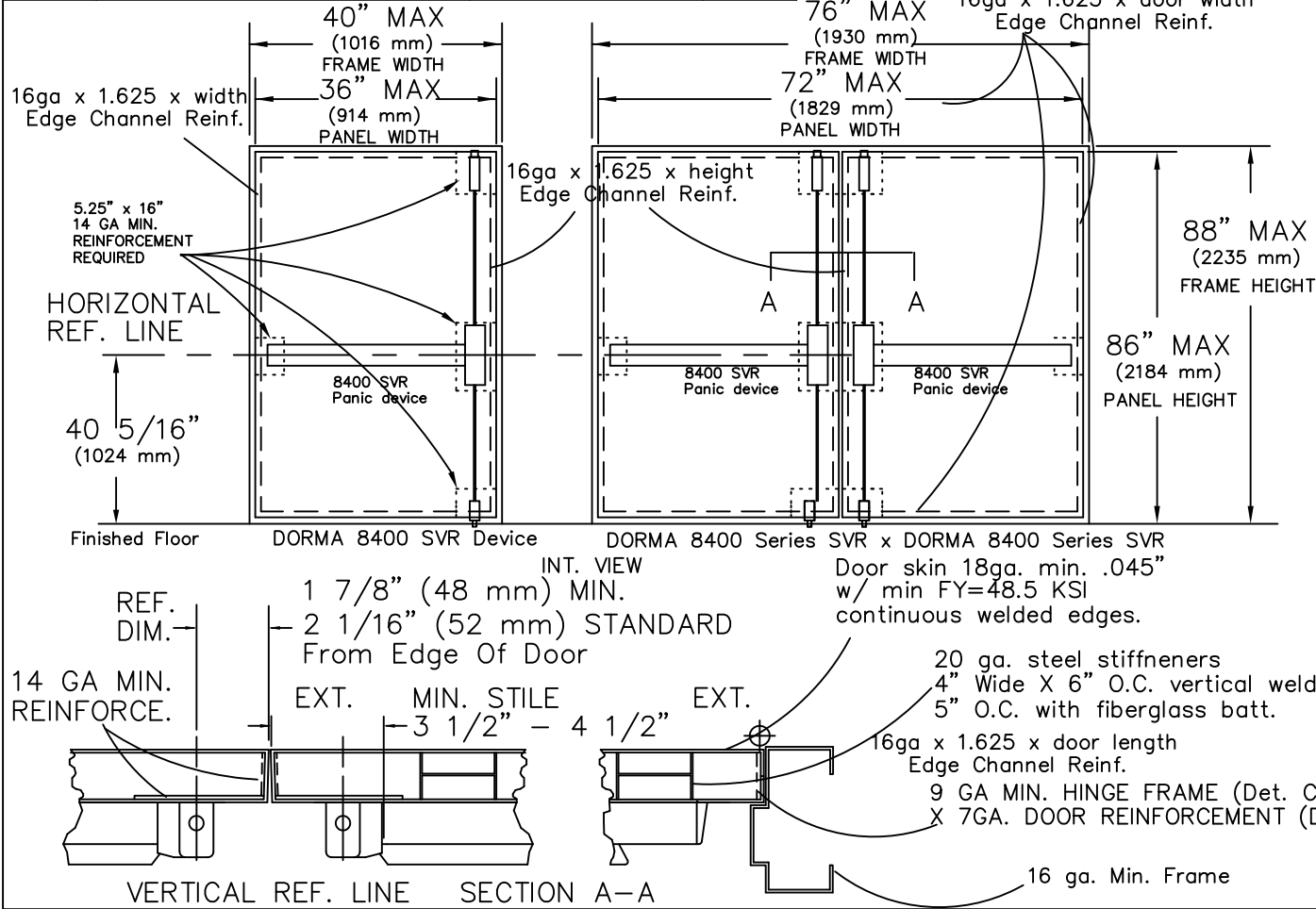
Building Drops, Inc.
1900 NE Miami Court Suite 2-15
Miami, FL 33132
FBPE Cert. of Authorization No. 29578

HERMES F. NORERO
LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER

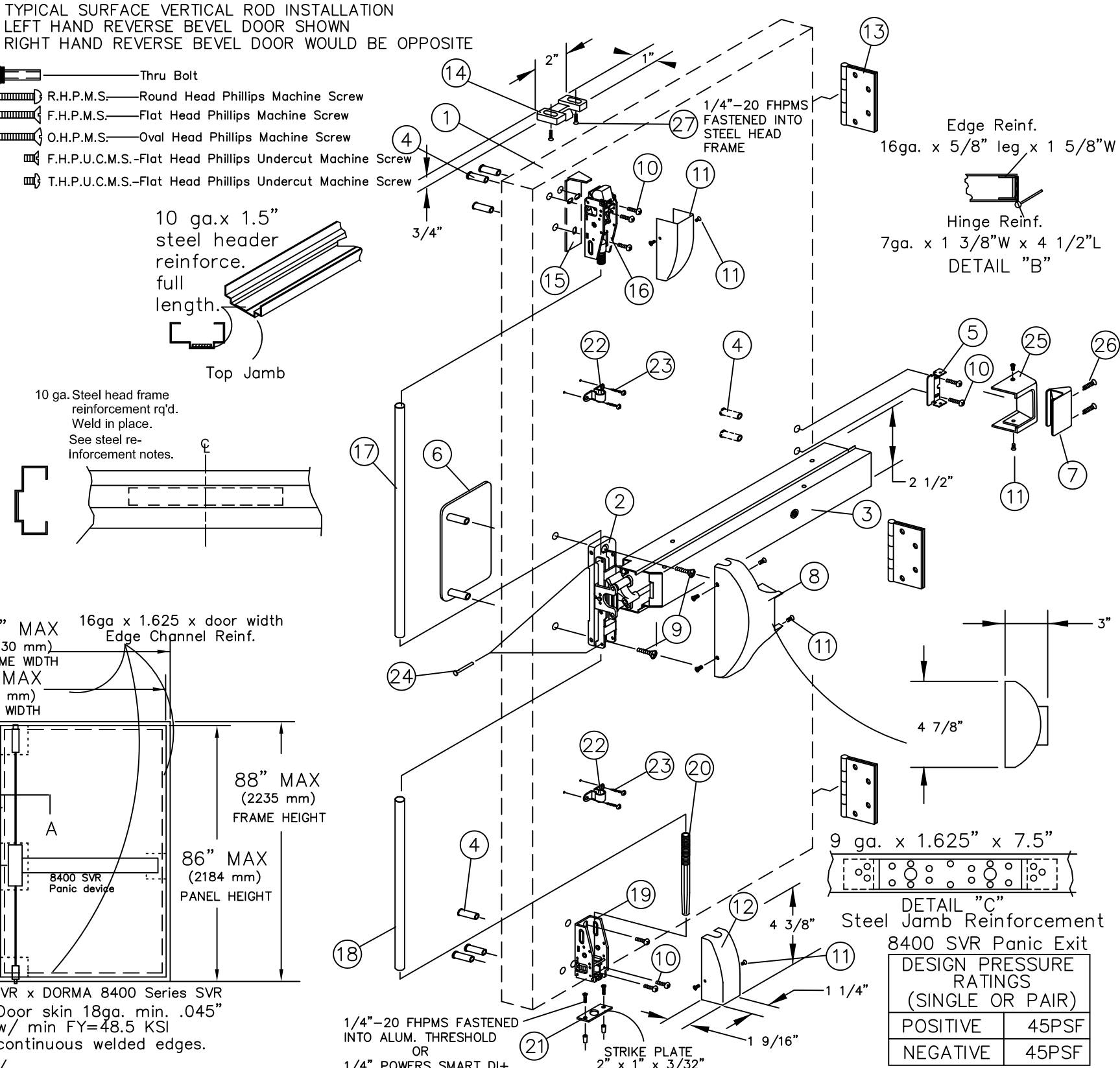
Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.05.02 19:34:13 -0400

6th Edition FBC Update	5-1-17
5th Edition FBC Update	4-1-16-15
Update per Dade	3 TA 5-2-13
Update per retest	2 TA 5-30-12
REVISIONS	NO. BY DATE
DWG. 1 OF 2	
DWG. NO.	8000

BILL OF MATERIAL			
ITEM	DESCRIPTION	PART NUMBER	QTY.
1	DOOR & FRAME	Under Sep. NOA	1
2	8400 CHASSIS ASSY.	STEEL	1
3	TOUCHBAR/RAIL ASSY.		1
4	THRU BOLTS		8
5	ENDCAP BRACKET		1
6	OUTSIDE TRIM		1
7	ENDCAP		1
8	CHASSIS COVER		1
9	12-24 F.H.P.M.S.		2
10	12-24 R.H.P.M.S.		8
11	8-32 T.H.P.M.S.		10
12	LATCH COVER		2
13	HINGES		3
14	#426 STRIKE PACK W/#27	SANDCAST GRAY IRON CLASS 20	1
15	STRIKE ANGLE	STAINLESS STEEL	1
16	TOP LATCH ASSEMBLY	STEEL	1
17	TOP CONNECTING ROD	1/2" O.D. ALUMINUM TUBING	1
18	BOTTOM CONNECTING ROD	1/2" O.D. ALUMINUM TUBING	1
19	BOTTOM LATCH BRACKET	STEEL	1
20	SLIDE BOLT ASSEMBLY	STEEL	1
21	#340 STRIKE PACK	STEEL	1
22	ROD GUIDE ASSEMBLY		2
23	#8 x 1" R.H.P.T.S.		4
24	ROD PIN		2
25	END COVER		1
26	#8 X 1" F.H.W.S.		2
27	1/4-20 F.H.P.M.S.		4



DORMA 8400/F8400 Surface Vertical Rod Application
On Outswing Single And Pair Steel Doors Having Current NOA or Current HVHZ Florida State Approval



DESCRIPTION: 8400 SERIES SINGLE OR PAIR SVR	
MATERIAL:	
COIL WIDTH:	UNLESS NOTED OTHERWISE
PROGRESSION:	DECIMALS .XXX----±.005
WEIGHT:	DECIMALS .XX----±.010
FINISH:	FRACTIONS -----±1/64
SCALE: NONE	ANGLES-----±2°
DRAWN BY: FM	DATE: 10/23/17
CHKD BY:	DATE:

dormakaba USA.
1003 W. BROADWAY
STEELEVILLE, ILLINOIS 62288

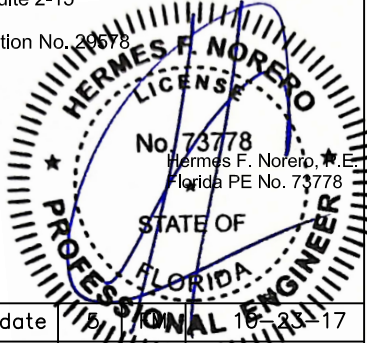
DESIGN PRESSURE RATINGS
(SINGLE OR PAIR)

POSITIVE	45PSF
NEGATIVE	45PSF

GENERAL NOTES

- LIMITATIONS:
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 - Devices approved to be used as equal alternative to corresponding lock approved to be used in applic. 18ga (min .045") w/min FY=48.5 KSI outswing steel doors holding a current NOA, lowest design pressure of door or this component will apply.
 - Device shall be installed on 18ga (min .045") w/min FY=48.5 KSI commercial steel door panel no wider or higher than shown on these approved drawings.
 - Installation of this device requires steel reinforcement as indicated.
 - Electrical options are not part of this approval and must be reviewed by corresponding authority.
Certifications:
Underwriters Laboratories-UL10C, UL305, UBC 7-2 (1997), ANSI-BHMA 156.3 Grade 1 Exit Hardware
- 3/4" Min. latchbolt throw.
All reinforcement to be spot welded or better by door manufacturer.
All dimensions in accordance with manufacturer's standard installation instructions.
Frame: 16 ga. min.
Door: 18ga (min..045") w/min. FY=48.5 KSI
Hinge/Jamb reinforcement: As noted.
Header channel: 10ga. x 1.5" x width.
Lock stile/hinge stile, panic box reinforcement: 14 ga min.
- Outside trim may be one of the following:
80DT, 8PDT, 8003, 8P03, 8003P, KO3, R03, C03, K08, R08, C08, K23, R23, or C23.
Thru-bolts must be used on all install.
Strike angle must be installed.

Building Drops, Inc.
1900 NE Miami Court Suite 2-15
Miami, FL 33132
FBPE Cert. of Authorization No. 20678



6th Edition FBC Update	5	TA	5-2-17
5th Edition FBC Update	4	TA	5-16-15
Update per Dade	3	TA	5-2-13
Update per retest	2	TA	5-30-12
REVISIONS	NO.	BY	DATE
DWG. 2 OF 2	8000		
DWG. NO.			