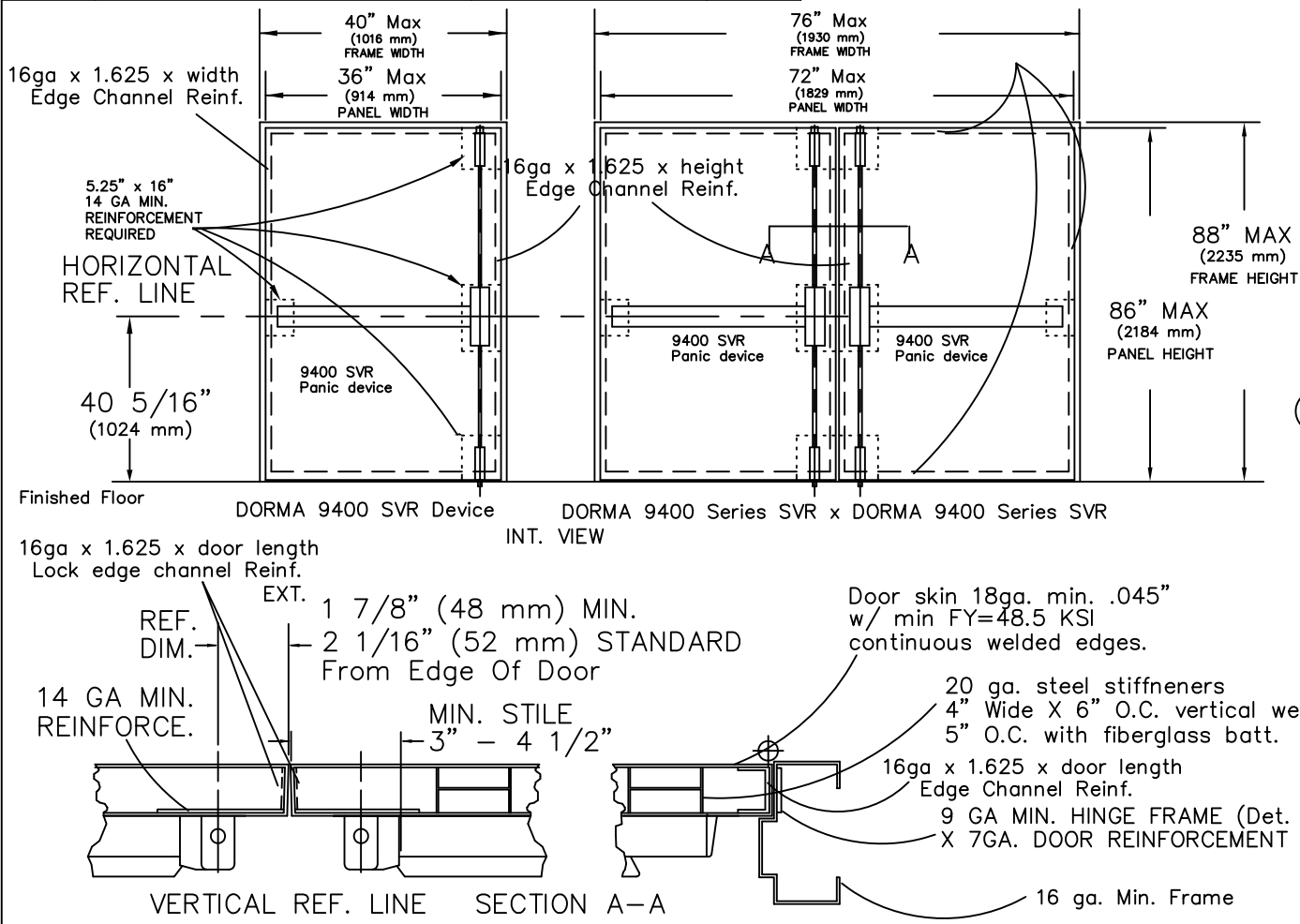


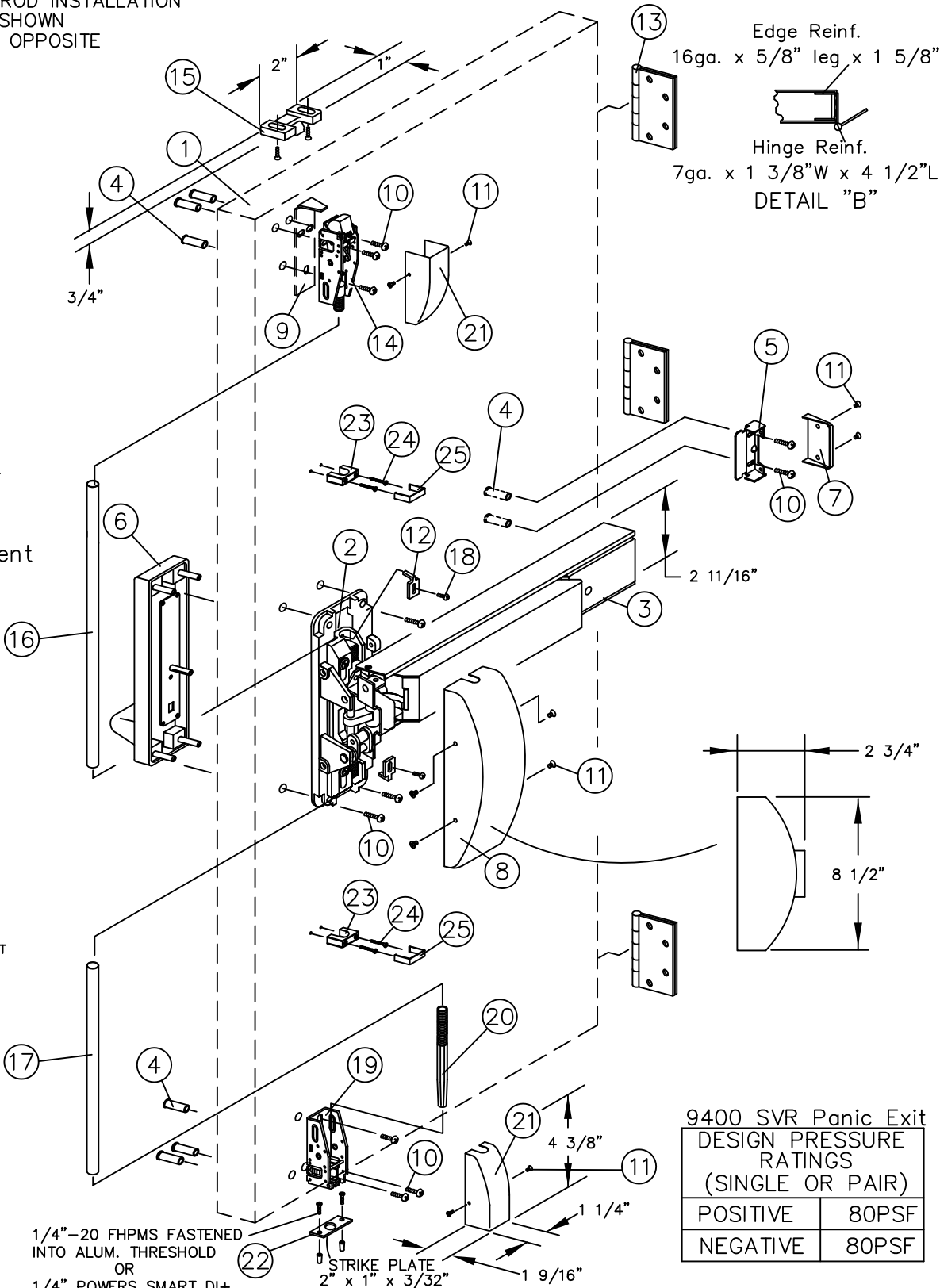
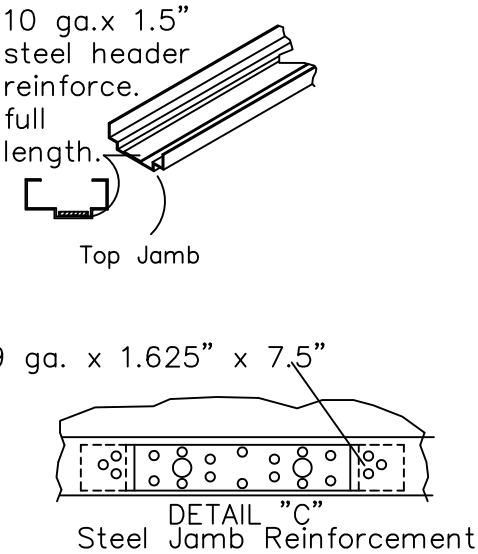
BILL OF MATERIAL			
ITEM	DESCRIPTION	PART NUMBER	QTY.
1	DOOR & FRAME	Under Sep. NOA	1
2	9400 CHASSIS ASSY.	ALUMINUM	1
3	TOUCHBAR/RAIL ASSY.		1
4	THRU BOLTS		8
5	ENDCAP BRACKET		1
6	OUTSIDE TRIM		1
7	ENDCAP		1
8	CHASSIS COVER		1
9	STRIKE ANGLE	CAST STAINLESS	1
10	12-24 R.H.P.M.S.		12
11	8-32 F.H.P.M.S.		10
12	ROD RETAINING PLATE		2
13	HINGES		3
14	TOP LATCH ASSEMBLY	STEEL	1
15	#426 stk. w/ 2 12-24 x 3/4" FHPMS screws	SANDCAST GRAY IRON CLASS 20	1
16	TOP CONNECTING ROD	1/2" O.D. STAINLESS TUBING	1
17	BOTTOM CONNECTING ROD	1/2" O.D. STAINLESS TUBING	1
18	8-32 x 3/4" R.H.P.M.S.		2
19	BOTTOM LATCH BRACKET		1
20	SLIDE BOLT ASSEMBLY	STEEL	1
21	LATCH COVER		2
22	#340 stk. w/ 2 1/4"-20 x 1" FHPMS screws		1
23	ROD GUIDE		2
24	#6 x 1 1/4" F.H.P.T.S.		4
25	ROD GUIDE COVER		2



DORMA 9400/F9400 Surface Vertical Rod Panic (SVR) Device Component Approval

On Outswing Single And Pair Of Steel Doors Having Current NOA or Current HVHZ Florida State Approval

TYPICAL SURFACE VERTICAL ROD INSTALLATION
LEFT HAND REVERSE BEVEL SHOWN
RIGHT HAND REVERSE BEVEL OPPOSITE



9400 SVR Panic Exit	
DESIGN PRESSURE RATINGS (SINGLE OR PAIR)	
POSITIVE	80PSF
NEGATIVE	80PSF

DESCRIPTION: 9400 SERIES SURFACE PAIR SVR	
MATERIAL:	
COIL WIDTH:	UNLESS NOTED OTHERWISE DECIMALS .XXX-----±.005 DECIMALS .XX-----±.010 FRACTIONS -----±1/64 ANGLES-----±2°
PROGRESSION:	
WEIGHT:	
FINISH:	
SCALE: NONE	DRAWN BY: FM
DATE: 10/23/17	CHKD BY:
DATE:	



dormakaba USA.
6161 E 75TH ST
INDIANAPOLIS, IN 46250

GENERAL NOTES

LIMITATIONS:

1. Device complies with FBC 2017 (6th Edition) and has been tested to TAS 201-94, 202-94 and 203-94. Each device is approved to be used as equal alternate to corresponding lock approved to be used in applicable 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. Steel reinforcement as indicated. Electrical devices are not part of this approval, and must be reviewed by the corresponding authority.

Certification:

Underwriter's Laboratories - UL10C, UBC 7-2 (1997) UL305
ANSI/BHMA A156.3 Grade 1 Exit Device
3/4" Minimum latchbolt throw
Frame 16 GA minimum.
Strike, hinge & header minimum reinforcements as shown on detail.
Door 18 GA min.045 w/ min FY=48.5 KSI
Lock stile, hinge stile, panic reinforcement box 14 GA minimum as noted on detail.
All reinforcements to be spot welded or better by door manufacturer.

All dimensions in accordance with manufacturer's standard installation instructions.

Exit device Model 9400 Series Surface Vertical Rod

Outside trim may be one of the following designations:
WODT, W102, W302, W003, W103, W303, W122, W322, W105, W305, YODT, YK02, YR02, YT02, YC02, Y003, YK03R, YR03R, YYT03R, YC03R, YK03, YR03, YT03 YC03, YK08, YR08, YT08, YC08, YK23, YR23, YT23, or YC23. Sectional trim may be used in conjunction with additional thru bolts.
Thru bolts must be used on all installations as shown.
Interlocking strike angle must be installed on all installations as shown.
Bill of materials is for one door.
All quantities will double for opposite door of pair.

Building Drops, Inc.
398 E. Dania Beach Blvd.
Dania Beach, FL 33004
FBPE Cert. of Authorization No. 29578

Hermes F. Norel, P.E.
Florida PE No. 73778

6th Edition FBC Update	STATE	DATE	10-23-17
5th Edition FBC Update	LS	DATE	6-16-15
Rev. per Dade	80TA	DATE	03-20-13
Rev. per Dade	72TA	DATE	01-03-13
Retested	60TA	DATE	6-11-12
Rev. per Dade	51EW	DATE	11-3-05
Rev. Mull. Fitting	4	EW	6-30-05
Revised Mullion	3	WH	2-9-05
Revised PSF	2	TJH	8-15-03

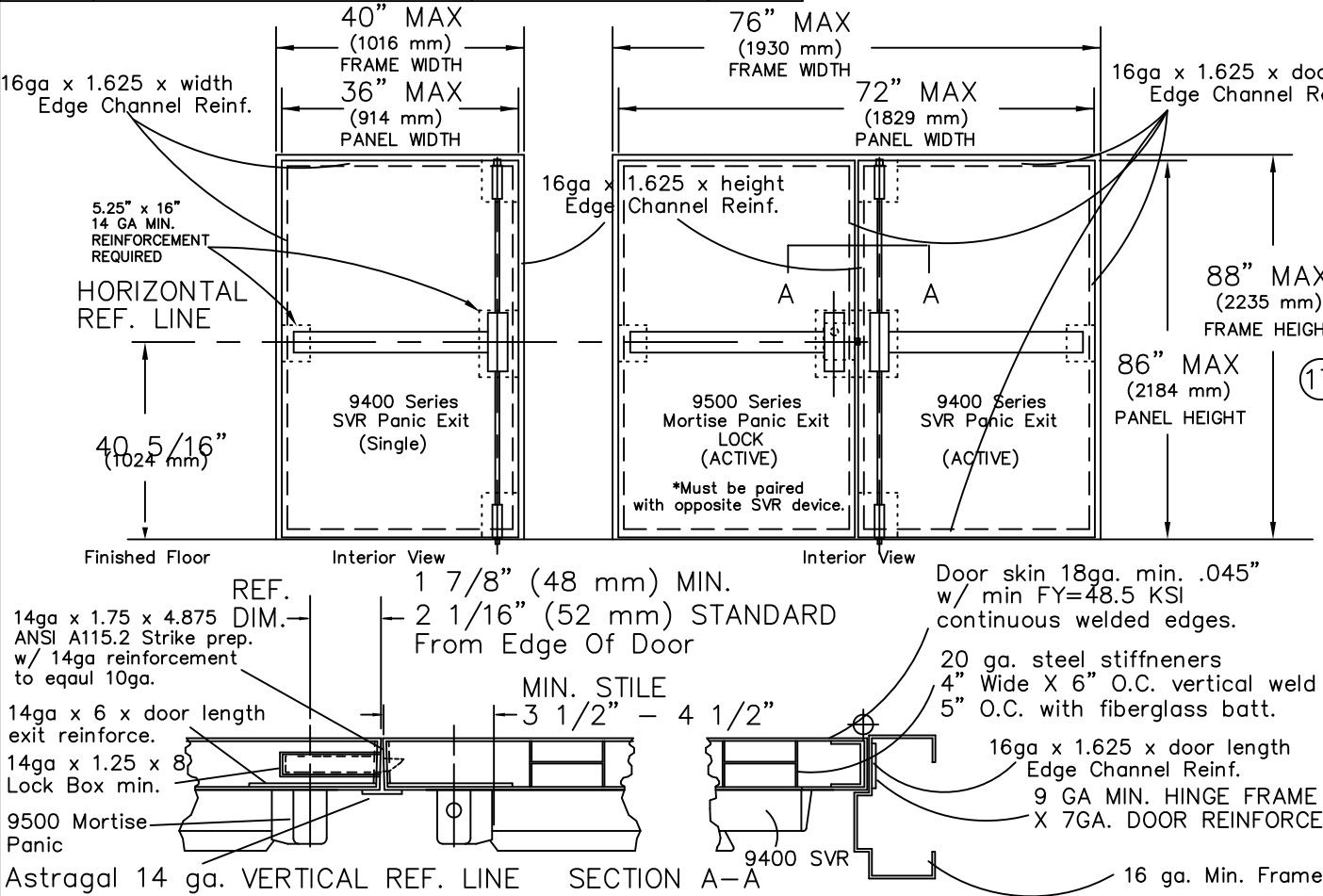
REVISIONS		NO.	BY	DATE
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DWG. 2 OF 4

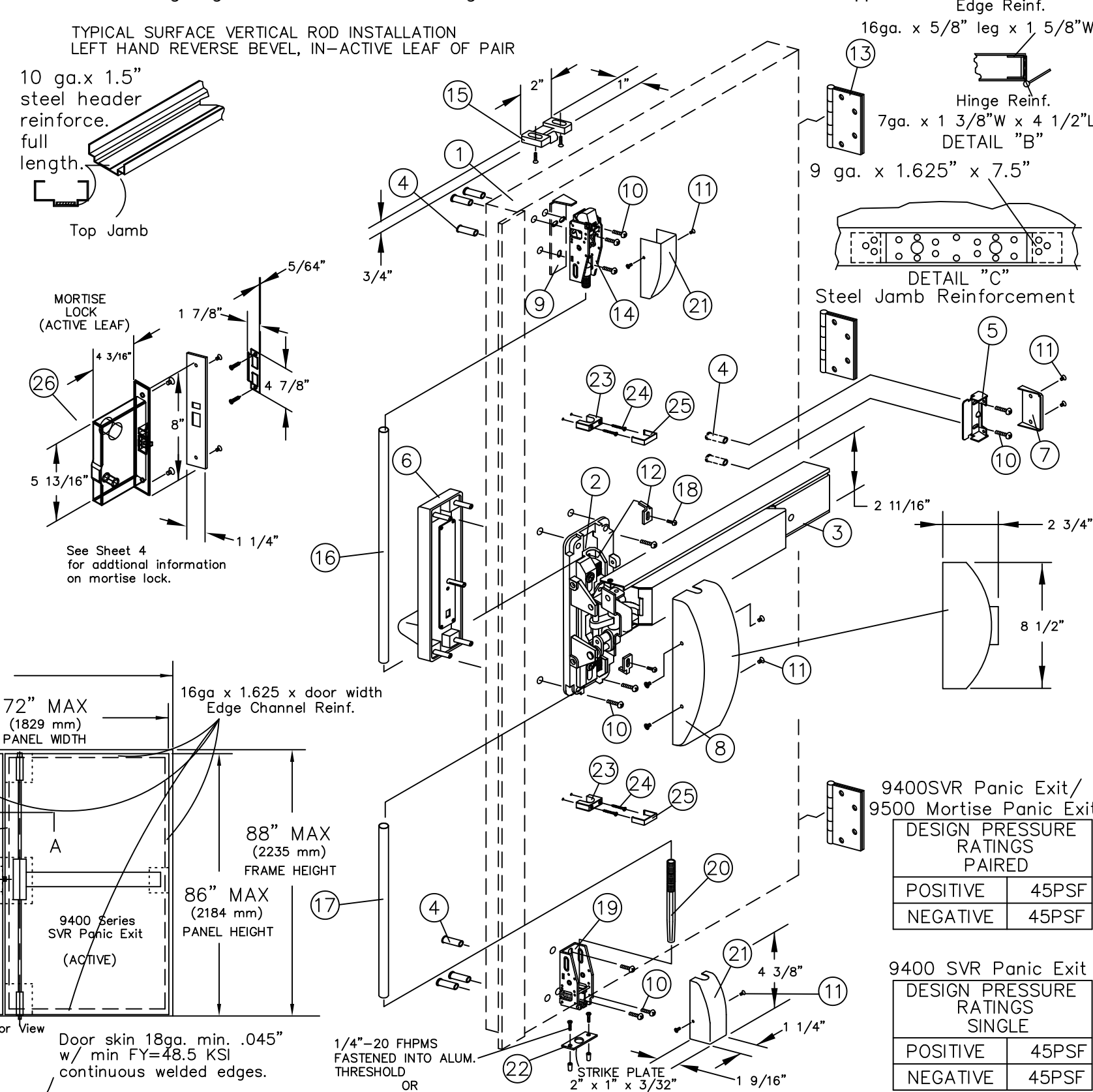
DWG. NO.

9000

BILL OF MATERIAL			
ITEM	DESCRIPTION	PART NUMBER	QTY.
1	DOOR & FRAME	Under sep. NOA.	1
2	9400 x 9500 chass. ass.	ALUMINUM	1ea
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	STRIKE ANGLE	STAINLESS STEEL	1
10	12-24 R.H.P.M.S.		12
11	8-32 F.H.P.M.S.		10
12	ROD RETAINING PLATE		2
13	HINGES		3
14	TOP LATCH ASSEMBLY	STEEL	1
15	#426 stk. w/ 2 12-24 x 3/4" FHPMS screws	SANDCAST GRAY IRON CLASS 20	1
16	TOP CONNECTING ROD	1/2" O.D. STAINLESS TUBING	1
17	BOTTOM CONNECTING ROD	1/2" O.D. STAINLESS TUBING	1
18	8-32 x 3/4" R.H.P.M.S.		2
19	BOTTOM LATCH BRACKET		1
20	SLIDE BOLT ASSEMBLY	STEEL	1
21	LATCH COVER		2
22	#340 stk. w/ 2 1/4"-20 x 1" FHPMS screws		1
23	ROD GUIDE		2
24	#6 x 1 1/4" F.H.P.T.S.		4
25	ROD GUIDE COVER		2
26	MORTISE LOCK BODY	steel	1



DORMA 9400/F9400 Surface Vertical Rod (SVR Panic Device) x DORMA 9500/F9500 Mortise Panic Device Component Approval
On Outswing Single And Pair Steel Doors Having Current NOA or Current HVHZ Florida State Approval



GENERAL NOTES

LIMITATIONS:

1. Device complies with FBC 2017 (6th Edition) and has been tested to TAS 201-94, 202-94 and 203-94.

Each device is approved to be used as equal alternate to corresponding lock approved to be used in applicable 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. Steel reinforcement as indicated. Electrical devices are not part of this approval, and must be reviewed by the corresponding authority.

Certification:

Underwriter's Laboratories - UL10C, UBC 7-2 (1997) UL305

ANSI/BHMA A156.3 Grade 1 Exit Device

3/4" Minimum latchbolt throw

Frame 16 GA minimum.

Strike, hinge & header minimum reinforcements as shown on detail.

Door 18 GA min.045 w/ min FY=48.5 KSI

Lock stile, hinge stile, panic reinforcement box 14 GA minimum as noted on detail.

All reinforcements to to spot welded or better by door manufacturer.

All dimensions in accordance with manufacturer's standard installation instructions.

Exit device Model 9400 Series Surface Vertical Rod x 9500 series mortise.

Outside trim may be one of the following designations:

WODT, W102, W302, W003, W103, W303, W122, W322, W105, W305, YODT, YK02, YR02, YT02, YC02, Y003, YK03R, YR03R, YYT03R, YC03R, YK03, YR03, YT03 YC03, YK08, YR08, YT08, YC08, YK23, YR23, YT23, or YC23. Sectional trim may be used in conjunction with additional thru bolts.

Thru bolts must be used on all installations as shown.

Interlocking strike angle must be installed on all installations as shown.

Bill of materials is for one door.

All quantities will double for opposite door of pair.

Building Drops, Inc.

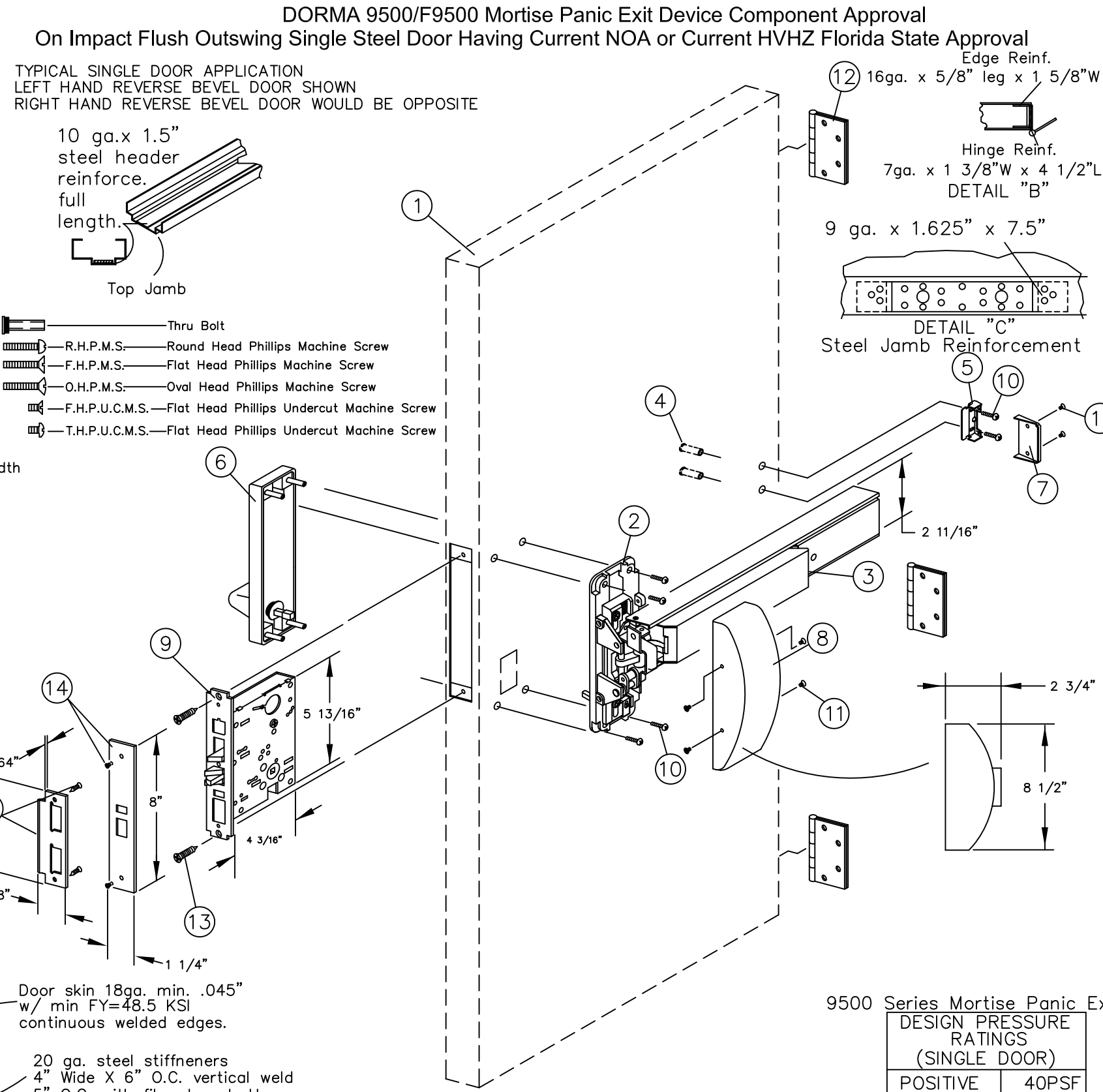
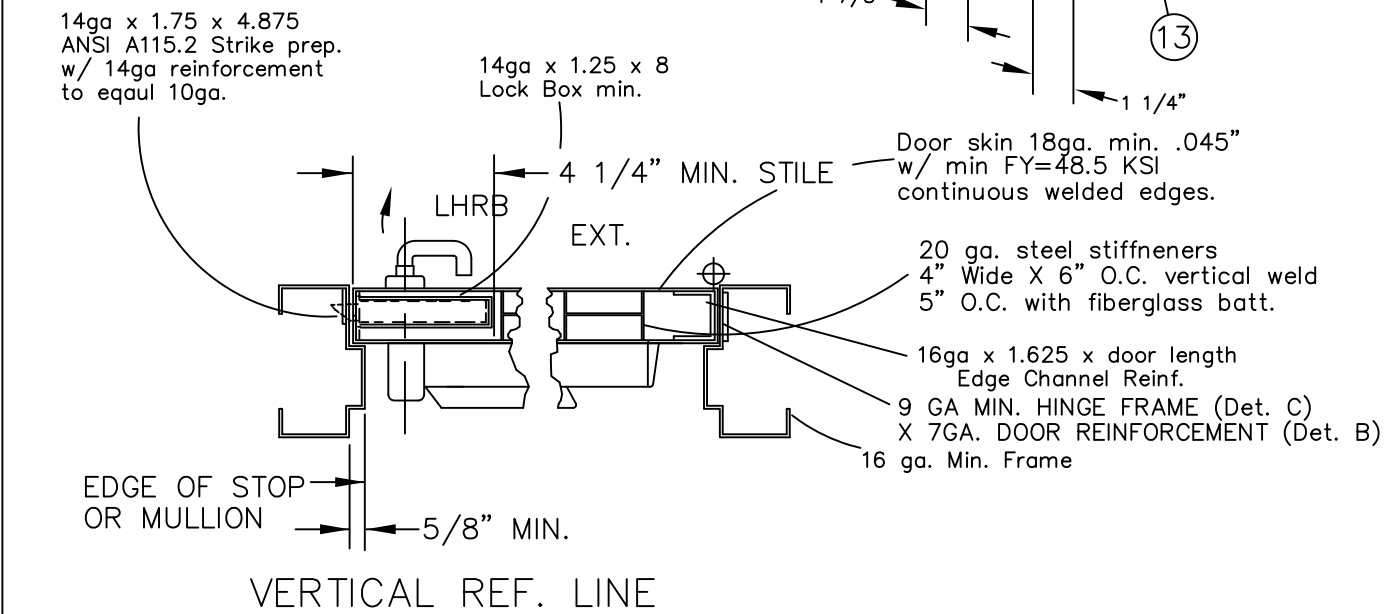
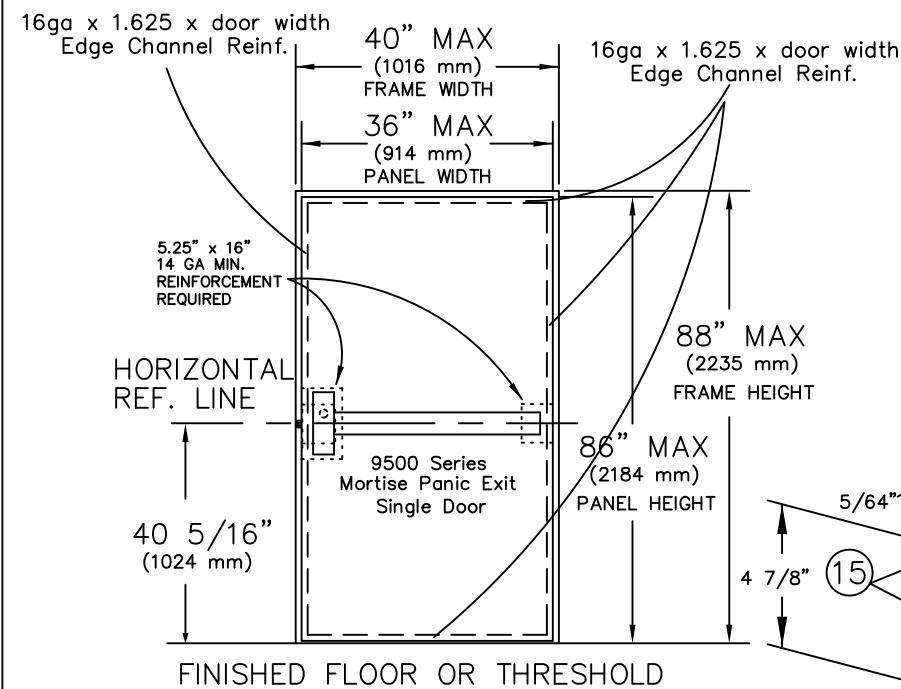
398 E. Dania Beach Blvd.

Dania Beach, FL 33004

FBPE Cert. of Authorization No. 29678

6th Edition FBC Update	10-23-17	FM	10-23-17
5th Edition FBC Update	6-16-15	LS	6-16-15
Rev. per Dade	8-03-20-13	TA	8-03-20-13
Rev. per Dade	7-01-03-13	TA	7-01-03-13
Retested	6-11-12	TA	6-11-12
Rev. per Dade	11-3-05	EW	11-3-05
Rev. Mull. Fitting	6-30-05	EW	6-30-05
Revised Mullion	2-9-05	WH	2-9-05
Revised PSF	8-15-03	TJH	8-15-03
REVISIONS	NO.	BY	DATE
DWG. 3 OF 4			
DWG. NO.			

BILL OF MATERIAL			
ITEM	DESCRIPTION	PART NUMBER	QTY.
1	DOOR & FRAME	Under Sep. NOA	1
2	9500 CHASSIS ASSY.	ALUMINUM	1
3	TOUCHBAR/RAIL ASSY.		1
4	THRU BOLTS		2
5	ENDCAP BRACKET		1
6	OUTSIDE TRIM		1
7	ENDCAP		1
8	CHASSIS COVER		1
9	MORTISE LOCK BODY	STEEL	1
10	12-24 R.H.P.M.S.		6
11	8-32 F.H.P.M.S.		6
12	HINGE		3
13	COMBINATION SCREW		2
14	Face plate w/ 2 10-32 x 1/4" FHPMS screws	Steel	1
15	#465 strike w/ 2 1/4-20" FHP combo screws	Steel	1



DESIGN PRESSURE RATINGS (SINGLE DOOR)	
POSITIVE	40PSF
NEGATIVE	40PSF

DESCRIPTION: 9500 SERIES MORTISE SINGLE DOOR	
MATERIAL:	
COIL WIDTH:	TOLERANCE UNLESS NOTED OTHERWISE DECIMALS .XXX-----±.005 DECIMALS .XX-----±.010 FRACTIONS -----±1/64 ANGLES-----±2'
PROGRESSION:	
WEIGHT:	
FINISH:	
SCALE: NONE	DRAWN BY: FM
DATE: 10/23/17	CHKD BY:
DATE:	



dormakaba USA.
6161 E 75TH ST
INDIANAPOLIS, IN 46250

GENERAL NOTES

1. Device complies with FBC 2017 (6th Edition) and has been tested to TAS 201-94, 202-94 and 203-94.

Certification:
Underwriter's Laboratories – UL10C, UBC 7-2 (1997) UL305
ANSI/BHMA A156.3 Grade 1 Exit Device
3/4" Minimum latchbolt throw
Frame 16 GA minimum.
Strike, hinge & header minimum reinforcements as shown on detail.
Door 18 GA min.045 w/ min FY=48.5 KSI
Lock stile, hinge stile, panic reinforcement box 14 GA minimum as noted on detail.
All reinforcements to to spot welded or better by door manufacturer.
All dimensions in accordance with manufacturer's standard installation instructions.

Exit device Model 9500 Series Mortise

Outside trim may be one of the following designations:
W0DT, W003M, W102, W302, W103M, W303M, W122M, W322M, W105M, W305M, Y0DT, YK02, YC02, YT02, YR02, Y003M, YK03MR, YC03MR, YT03MR, YR03MR, YK08M, YC08M, YT08M, YR08M, YK23M, YC23M, YT23M or YR23R.

Thru bolts must be used on all installations as shown.

Building Drops, Inc.
398 E. Dania Beach Blvd.
Dania Beach, FL 33004
FBPE Cert. of Authorization No. 29578

Hermes P. Norero, P.E.
Florida PE No. 73778

6th Edition FBC Update	10	EFM	10-23-17
5th Edition FBC Update	9	ESF	6-06-15
Rev. per Dade	8	TA	03-20-13
Rev. per Dade	7	TA	03-03-13
Retested	6	TA	06-11-12
Rev. per Dade	5	EW	11-3-05
Rev. Mull. Fitting	4	EW	6-30-05
Revised Mullion	3	WH	2-9-05
Revised PSI	2	TJH	8-15-03
REVISIONS		NO.	BY
NO.		BY	DATE
DWG. 4 OF 4		9000	
DWG. NO.			