

GENERAL NOTES
1) THE RYTEC SPIRAL DOOR SHOWN ON THIS PRODUCT APPROVAL DOCUMENT HAS BEEN DESIGNED IN ACCORDANCE WITH THE 8TH EDITION (2023) FLORIDA BUILDING CODE INCLUDING THE HVHZ. REQUIRED DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1609 & 1620 OF THE FBC, FOR A BASIC WIND SPEED COMMENSURATE WITH THE SITE-SPECIFIC LOCATION OF THE PRODUCT INSTALLATION AND IN ACCORDANCE WITH ASCE 7 STANDARD REQUIRED BY THE FBC.

THE SPIRAL DOOR’S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH FBC PER TESTING PROTOCOLS TAS-201, TAS-202, & TAS-203.

MAXIMUM DESIGN PRESSURE IS +50.0, -50.0 PSF.

2) PANEL SLATS TO BE EXTRUDED ALUMINUM ALMgSi0.5 F-22 (6063-T6). 0.07 NOMINAL WALL THICKNESS, CLEAR ANODIZED WITH A MINIMUM YIELD STRENGTH 25KSI.

3) SIDE COLUMNS TO BE 11 GAGE GALVANIZED OR POWDER COATED STEEL. SEE BILL OF MATERIALS FOR SPECIFIC REQUIREMENTS.

4) OPTIONAL PANEL SLAT INSULATION TO BE EPS (EXPANDED POLYSTYRENE FOAM) OR ISO-C1 POLYISOCYANURATE RIGID FOAM MANUFACTURED BY KINGSPAN INSULATION, LLC dba DYNAPLAST PRODUCTS PER CURRENT MIAMI-DADE NOTICE OF ACCEPTANCE (NOA).

5) CONCRETE ANCHORS TO BE 1/2” DIAMETER x 4-1/2” LONG RED HEAD ITW TRUBOLT WEDGE OR HILTI KWIK BOLT 3 EXPANSION ANCHORS, AND SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR MANUFACTURER. ANCHORS TO BE INSTALLED IN MINIMUM 4000PSI CONCRETE WITH MINIMUM EMBEDMENT OF 2-1/4”.

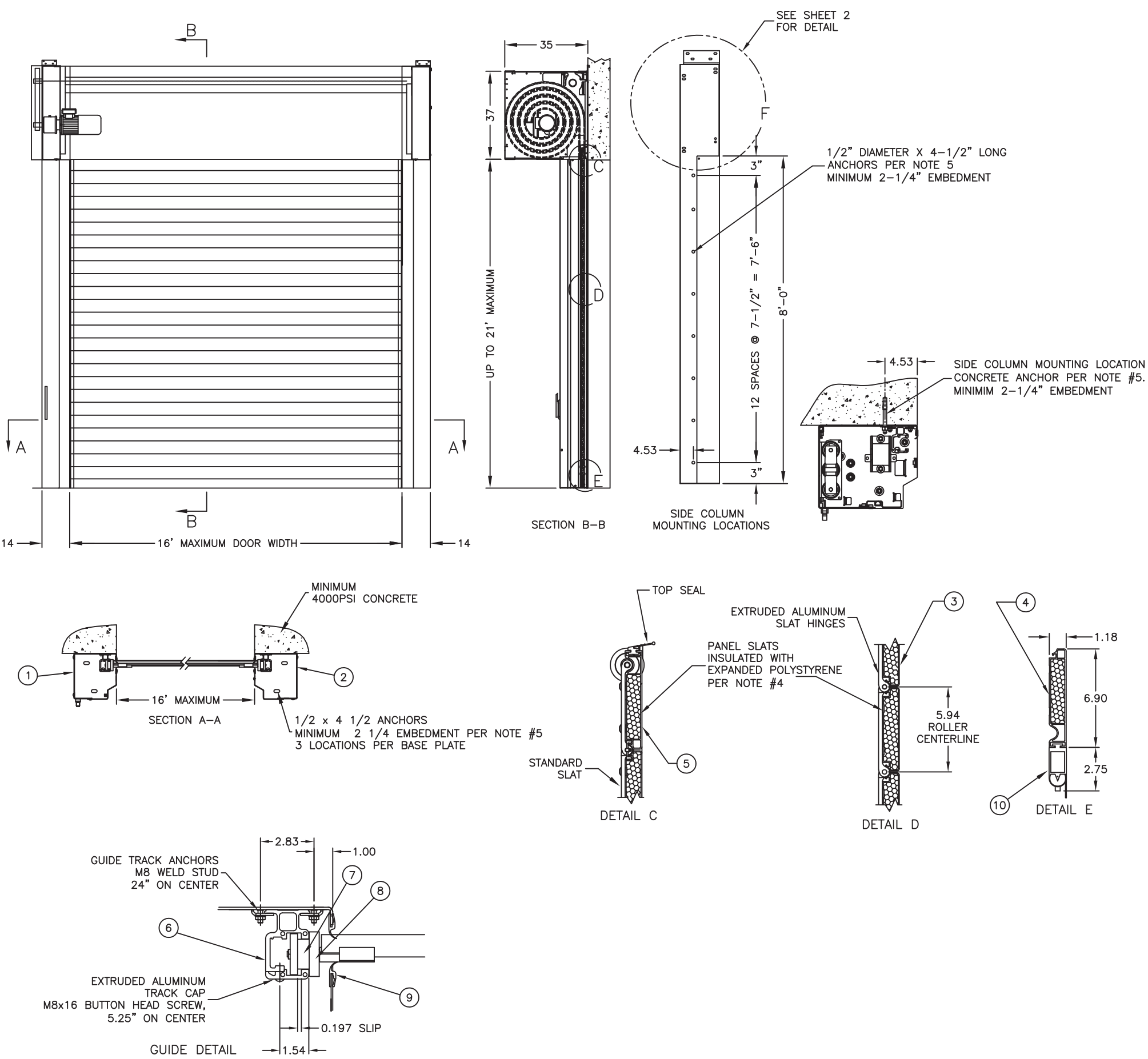
6) IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE EXISTING STRUCTURE IS DESIGNED TO SUPPORT Vx AND Vy FORCES AT BOTH JAMBS. MAX Vx=1650LB/FT AND MAX Vy - 400LB/FT

7) FOR DOOR HEIGHTS OTHER THEN 8’-0”, CONCRETE ANCHOR SPACING TO BE A MAXIMUM OF 7-1/2”, BEGINNING AT 3” FROM SILL AND HEAD.

8) ALL DIMENSIONS ON DRAWING WITHOUT INDICATORS ARE IN INCHES.

9) SIDE COLUMNS, ITEM NO. 1 AND 2 MAY CONTAIN SPLICED COLUMN MEMBERS DEPENDING UPON DOOR HEIGHT.

10	UPDATE TO 8TH EDITION (2023) FBC	8/25/23	RJA
11	ITEM NO. 1 & 2 GALVANIZED STEEL MATERIAL SUBSTITUTION	3/26/23	RJA
10	UPDATE TO 2020 FBC	5/4/22	RJA
9	FBC WAS 2014	10/25/17	RLH
8	REMOVED BASIC WIND SPEED FROM NOTE 1; ASCE 7-10 WAS 7-95; REMOVED NOA NUMBER FROM NOTE 4.	01/21/16	SEK
7	FBC WAS 2010;	8/02/15	SEK
6	FBC WAS 2007; ASCE 7-10 WAS 7-05	7/27/12	DAS
5	ASCE 7-05 WAS ASCE 7-98	7/20/10	DAS
4	FBC WAS 2004; CONCRETE WAS 5000PSI	11/24/08	DAS
3	ADDED SHEETS 3&4 FOR SSN-HZ	10/1/08	DAS
REV	DESCRIPTION	DATE	BY



Manufacturer:
RYTEC CORPORATION
ONE CEDAR PARKWAY
JACKSON, WI 53037
PH:262-677-9046
FX:262-677-2058
www.rytecdors.com

Product:
SPIRAL ROLLUP DOOR
MODEL: SST-HZ

Engineering:
PTC PRODUCT DESIGN GROUP
PO Box 520775
Longwood, FL 32752-0775
Phone: 321 690-1788
EMAIL: INFO@PTC-CORP.COM
CERT OF AUTH NO. 25935
ROBERT J. AMORUSO, P.E.
FLORIDA P.E. NO. 49752



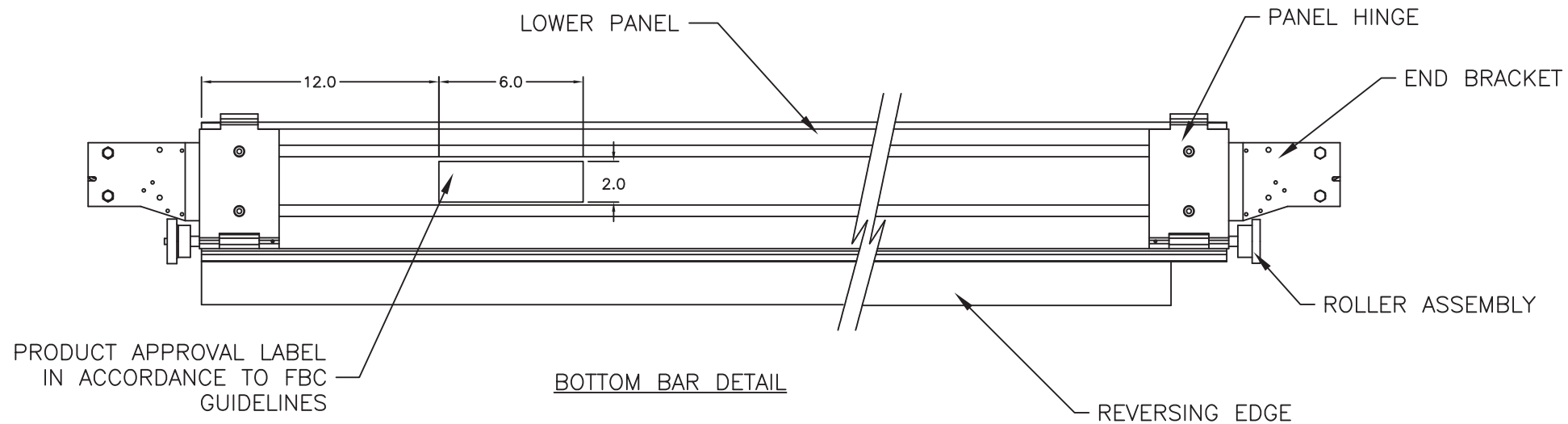
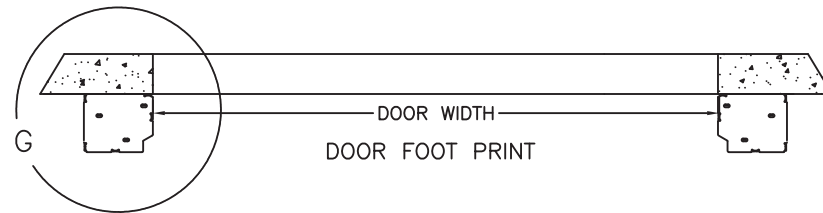
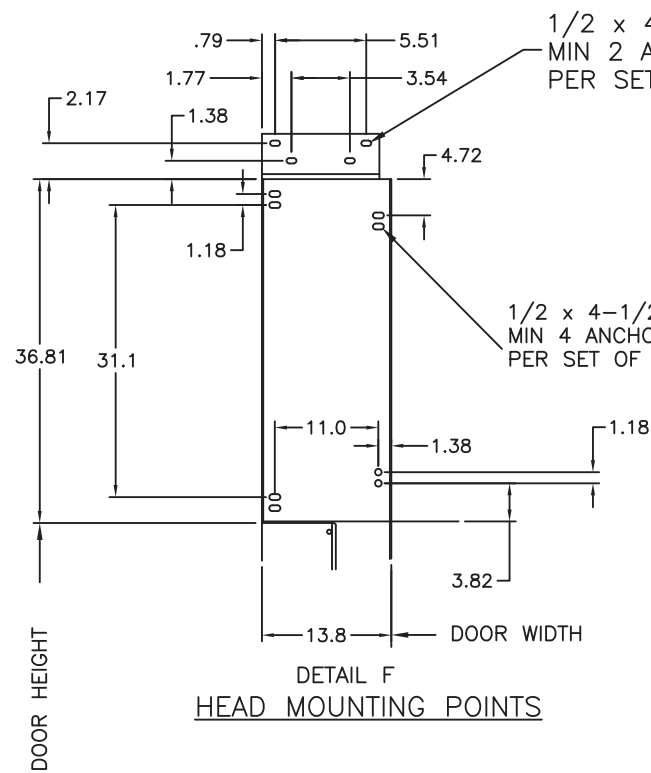
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Revised: 10/25/2017

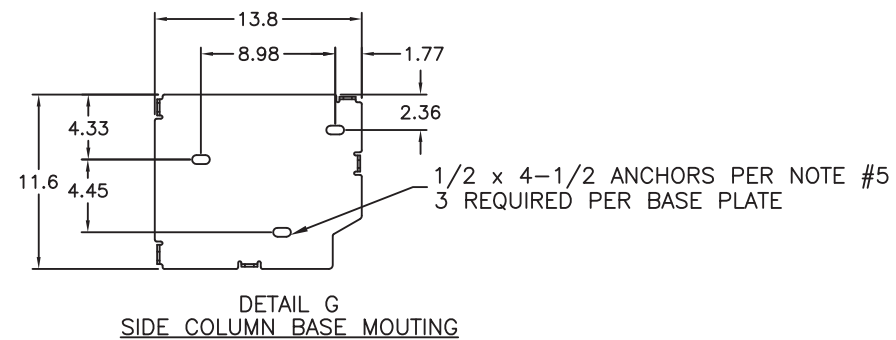
REVISED By: RJA
Revised: 8/25/23
Project No. 423-0205

Drawing Number
9B963-R12

Sheet
1 of 4



BILL OF MATERIAL			
ITEM NO.	DESCRIPTION	QTY	MATERIAL
1	SIDE COLUMN, LH	1	GALVANIZED STEEL, ASTM A653 CS TYPE B G90 POWDER COATED, ASTM A1011 CS TYPE B POWDER COATED, ASTM A1008 CS TYPE B (FY = 30 KSI) POWDER COATED, ASTM A1008 CS GR 30 POWDER COATED, ASTM A1008 CS GR 40
2	SIDE COLUMN, RH	1	GALVANIZED STEEL, ASTM A653 CS TYPE B G90 POWDER COATED, ASTM A1011 CS TYPE B POWDER COATED, ASTM A1008 CS TYPE B (FY = 30 KSI) POWDER COATED, ASTM A1008 CS GR 30 POWDER COATED, ASTM A1008 CS GR 40
3	STANDARD PANEL SLAT	AS REQ'D	ALUMINUM, 6063-T6
4	LOWER PANEL SLAT	1	ALUMINUM, 6063-T6
5	UPPER PANEL SLAT	1	ALUMINUM, 6063-T6
6	GUIDE TRACK	2	ALUMINUM, 6063-T6
7	ROLLER	AS REQ'D	UHMW-PE (2) 6900ZZ RADIAL BEARINGS
8	GUIDE ROLLER	4	NYLON
9	WEATHERSEAL	4	TPE
10	REVERSING EDGE	1	EDPM



DESIGN PRESSURE RATING	IMPACT RATING
+50 PSF, -50 PSF	LARGE AND SMALL MISSILE IMPACT RESISTANT

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RYTEC CORPORATION
ONE CEDAR PARKWAY
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Product:
SPIRAL ROLLUP DOOR
MODEL: SST-HZ

Engineering:
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Phone: 321 690-1788
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2 of 4

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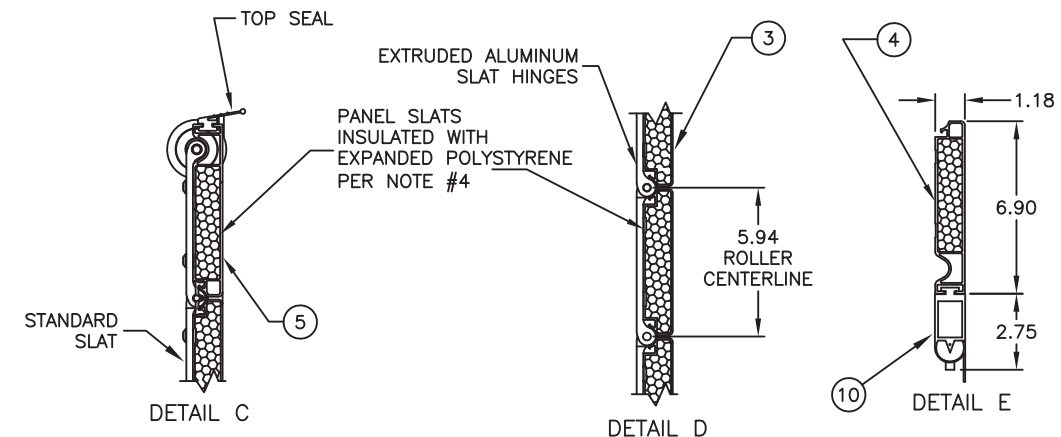
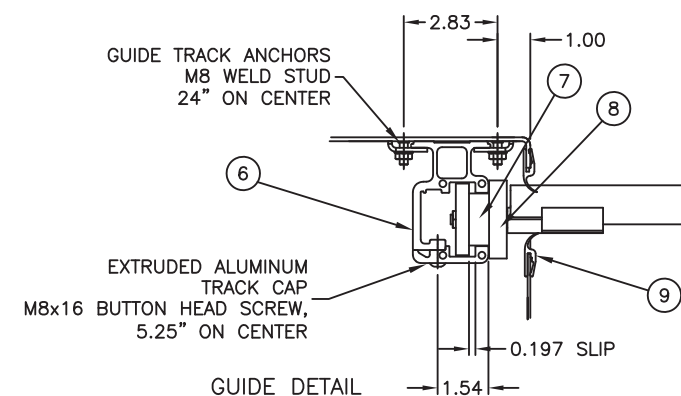
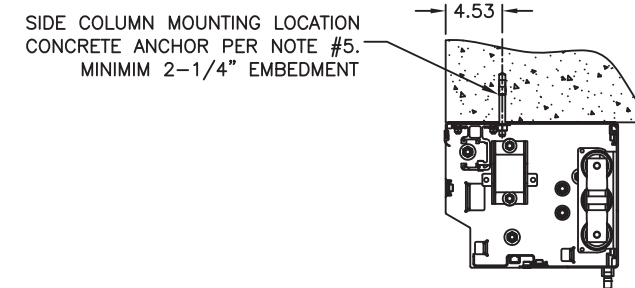
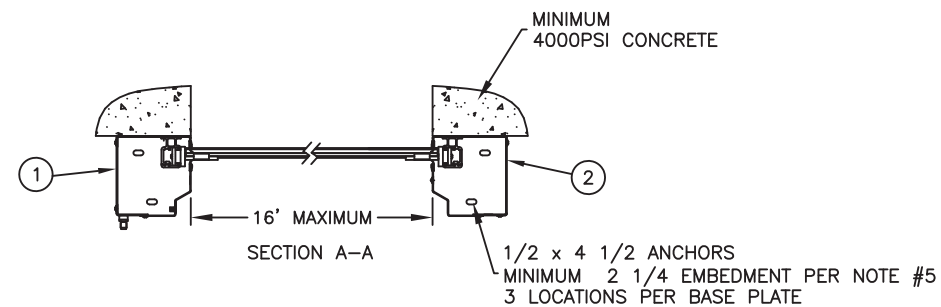
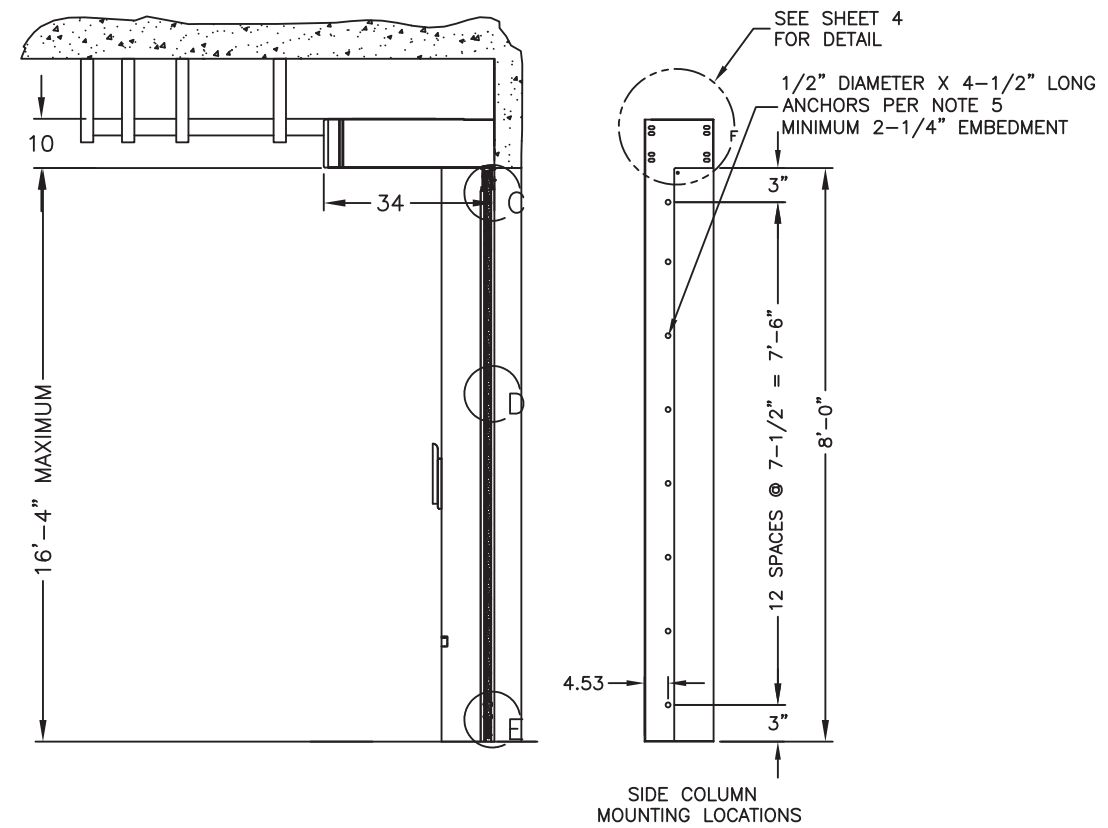
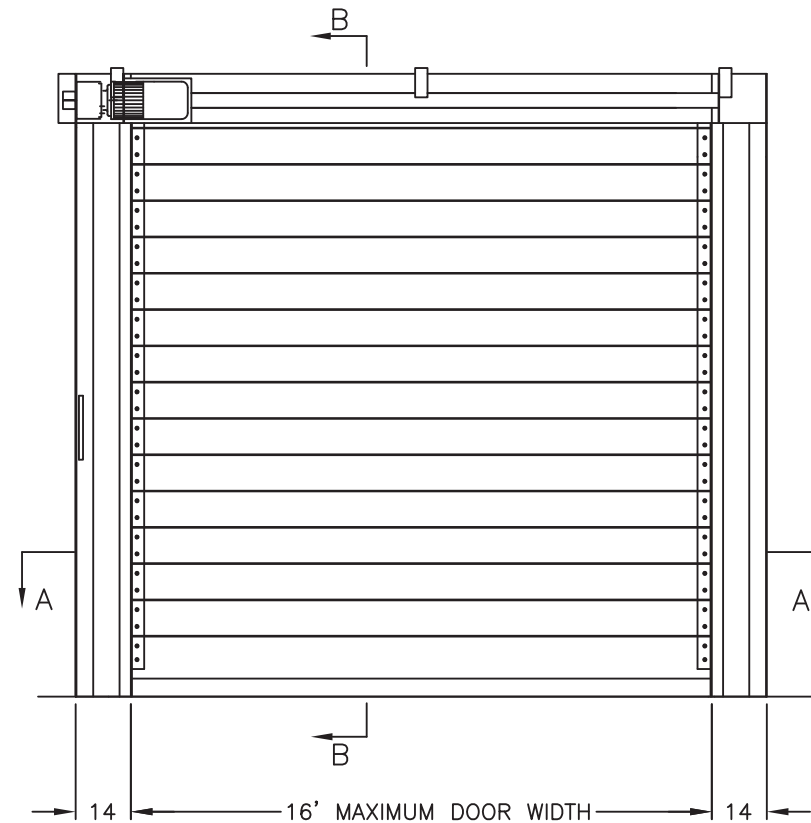
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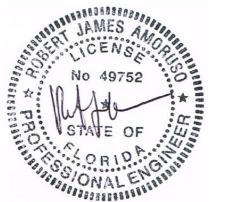
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MODEL: SSN-HZ

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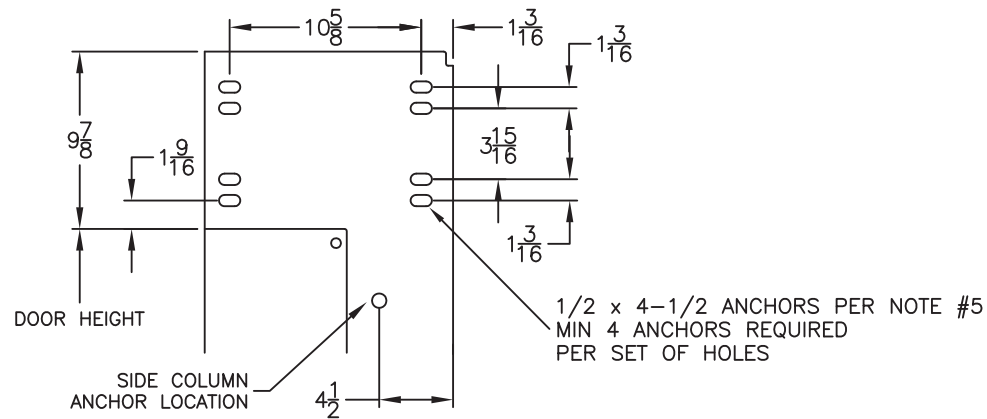


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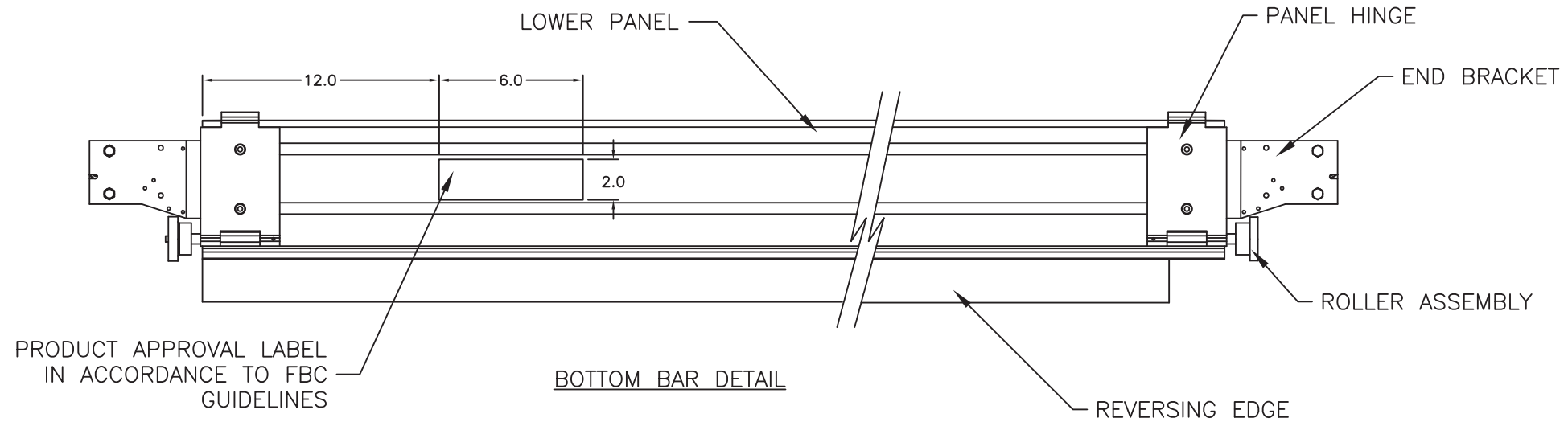
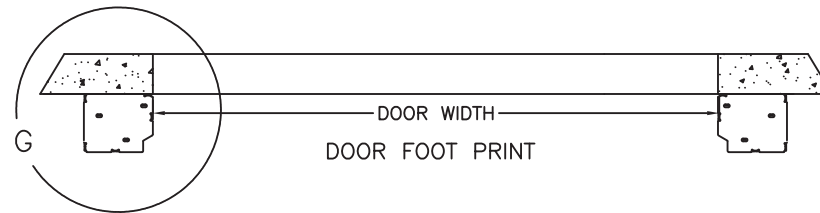
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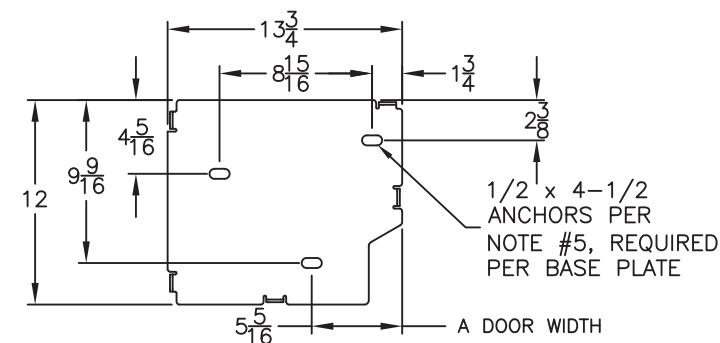


DETAIL F
HEAD MOUNTING POINTS



BOTTOM BAR DETAIL

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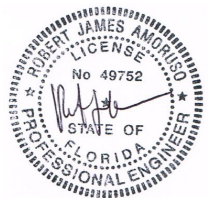
DETAIL G
SIDE COLUMN BASE MOUNTING

DESIGN PRESSURE RATING	IMPACT RATING
+50 PSF, -50 PSF	LARGE AND SMALL MISSILE IMPACT RESISTANT

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