MIAMI-DADE COUNTY
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Ring Power Corporation DBA Phoenix Products
1727 Bennett Street
Jacksonville, Florida 32206

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: **Generator Enclosure Components**

APPROVAL DOCUMENT: Drawing No. 09-7257, titled " Miami-Dade NOA HVHZ Enclosure ", sheets 1 through 13 of 13, prepared by McCall & Young Engineering, LLC, last revision dated July 15, 2016, signed and sealed by John K. McCall, P.E., on July 26, 2016, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: **Large and Small Missile Impact Resistant**

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Jacksonville, FL or Oakdale, CA, and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises & renews NOA # 09-1216.04** and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.
The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**

MIAMI-DADE COUNTY APPROVED

Helmy A. Makar
09/22/2016

NOA No. 16-0811.03
Expiration Date: 09/22/2021
Approval Date: 09/22/2016

Ring Power Corporation DBA Phoenix Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #09-1216.04

A. DRAWINGS

1. *Drawing No. 09-7257, titled " Miami-Dade NOA HVHZ Enclosure ", sheets 1 through 13 of 13, prepared by McCall Engineering, LLC, last revision dated September 12, 2011, signed and sealed by John K. McCall, P.E., on September 12, 2011.*

B. TESTS

1. *Test reports on 1)Uniform Static Air Pressure Test per TAS-202, 2) Large Missile Impact Test per TAS-201, 3) Cyclic Wind Pressure Loading per TAS-203, along with marked-up drawings and installation diagram of* ***Aluminum Grate****, prepared by Certified Testing Laboratories, Test Report No.* ***CTLA 1962W-4****, dated 07/07/09, signed and sealed by Ramesh Patel, P.E.*
2. *Test reports on 1)Uniform Static Air Pressure Test per TAS-202, 2) Large Missile Impact Test per TAS-201, 3) Cyclic Wind Pressure Loading per TAS-203, along with marked-up drawings of* ***Aluminum Roof Panel Assembly****, prepared by Certified Testing Laboratories, Test Report No.* ***CTLA 1962W-3****, dated 07/07/09, signed & sealed by Ramesh Patel, P.E.*
3. *Test reports on ASTM 72, along with marked-up drawings and installation diagram of* ***Aluminum Panel End Wall Assembly****, prepared by Certified Testing Laboratories, Test Report No.* ***CTLA 1962W-2****, dated 07/07/09, signed and sealed by Ramesh Patel, P.E.*
4. *Test reports on 1)Uniform Static Air Pressure Test per TAS-202, 2) Large Missile Impact Test per TAS-201, 3) Cyclic Wind Pressure Loading per TAS-203, along with marked-up drawings of* ***Aluminum Panel End Wall Assembly****, prepared by Certified Testing Laboratories, Test Report No.* ***CTLA 1962W-1****, dated 07/07/09, signed and sealed by Ramesh Patel, P.E.*
5. *Test reports on Uniform Static Air Pressure Test per TAS-202, with marked-up drawings of* ***Aluminum Wall Panel with Door Opening****, prepared by Certified Testing Laboratories, Test Report No.* ***CTLA 1962WR****, dated 07/07/09, signed and sealed by Ramesh Patel, P.E.*

C. CALCULATIONS

1. *Calculation of Generator Enclosure Components, prepared by John K. McCall, P.E., dated 12/17/10, signed and sealed by John K. McCall, P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building and Neighborhood Compliance Department.*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *Statement letter of no financial interest in Phoenix Products or Certified Testing laboratories, dated 10/14/09, signed & sealed by John k. McCall, P.E.*

Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 16-0811.03
Expiration Date: 09/22/2021
Approval Date: 09/22/2016

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 09-7257, titled " Miami-Dade NOA HVHZ Enclosure ", sheets 1 through 13 of 13, prepared by McCall & Young Engineering, LLC, last revision dated July 15, 2016, signed and sealed by John K. McCall, P.E., on July 26, 2016.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

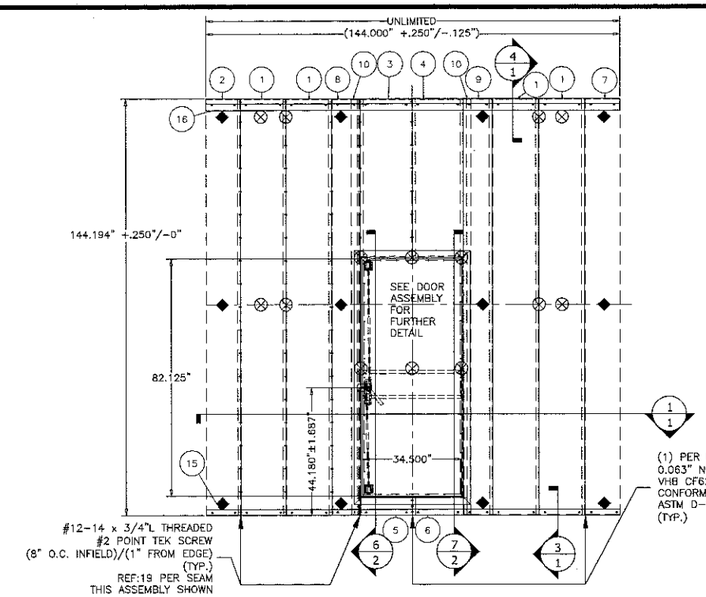
E. MATERIAL CERTIFICATIONS

1. None.

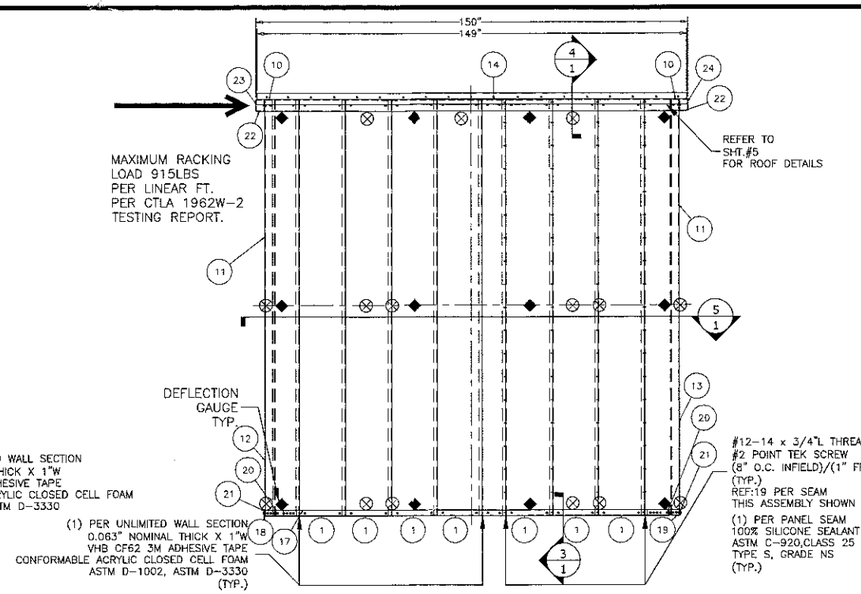
F. STATEMENTS

1. Statement letter of compliance with FBC, 2014 Edition, issued by McCall & Young Engineering, LLC, dated July 26, 2016, signed and sealed by John K. McCall, P.E., on July 26, 2016.

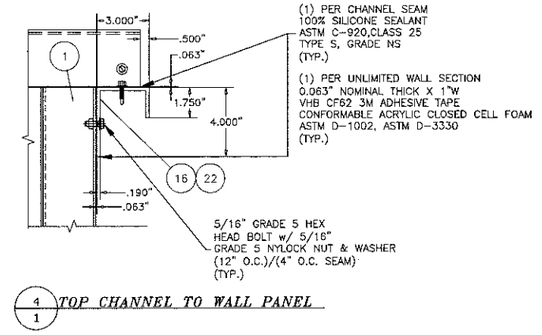
Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 16-0811.03
Expiration Date: 09/22/2021
Approval Date: 09/22/2016



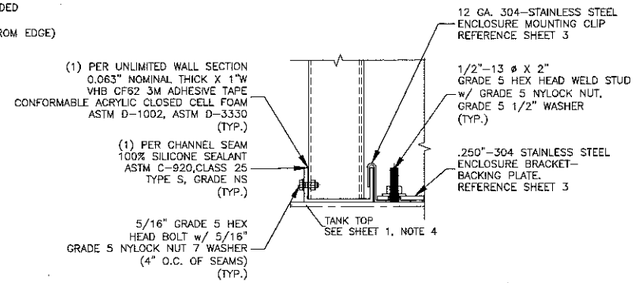
EXTERIOR ELEVATION – WALL SECTION W/ DOOR ASSEMBLY
SCALE: 1/2"= 1'-0"



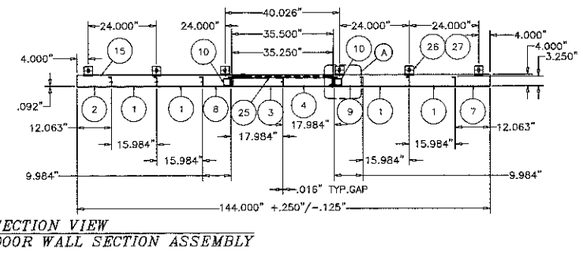
EXTERIOR ELEVATION – END WALL ASSEMBLY
SCALE: 1/2"= 1'-0"



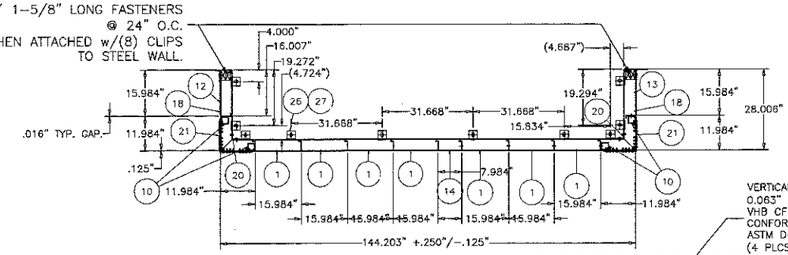
TOP CHANNEL TO WALL PANEL



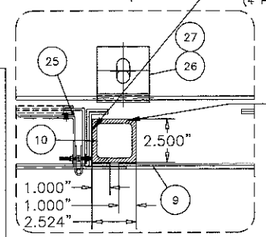
WELD STUD MOUNTING
BASE CHANNEL TO WALL PANEL



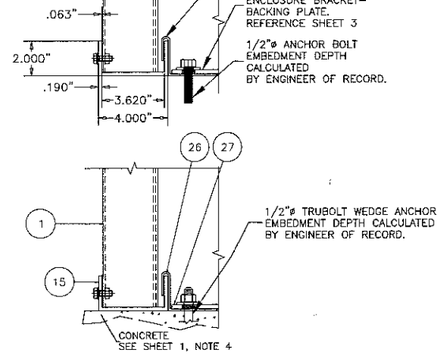
1/1 *SECTION VIEW DOOR WALL SECTION ASSEMBLY*



5/1 *SECTION VIEW END WALL ASSEMBLY*



A *DETAIL VERTICAL TUBE*



ANCHORED MOUNTING
BASE CHANNEL TO WALL PANEL

3/1 *MOUNTING CHANNEL OPTIONS FOR REFERENCE ONLY-SEE SHEET 1, NOTE 4*

NOTES:

1. THESE PRODUCT EVALUATION DOCUMENTS REPRESENT A MODULAR WALL PANEL COMPONENT SYSTEM DESIGNED AND TESTED IN ACCORDANCE WITH THE PROVISIONS FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 2014 FLORIDA BUILDING CODE AND MEETS THE LARGE MISSILE IMPACT REQUIREMENTS.
2. PRODUCT TESTING WAS TO TAS 201, TAS 202 (STRUCTURAL ONLY) AND TAS 203 PROTOCOLS WHERE AXIAL LOADS WERE NOT CONSIDERED.
   A. CTLA 1962WR WALL PANEL SYSTEM WITH DOOR OPENING
   B. CTLA 1962W-1 END WALL PANEL SYSTEM
   C. CTLA 1962W-2 END WALL PANEL SYSTEM (ASTM E-72)
   D. CTLA 1962W-3 ROOF PANEL SYSTEM
   E. CTLA 1962W-4 GRATE SYSTEM
3. THE STRUCTURAL INTEGRITY OF THE SUPPORTING STRUCTURE TO WHICH THESE PANELS ARE ATTACHED IS NOT A PART OF THIS PRODUCT APPROVAL.
4. THE ATTACHMENT OF WALL PANEL ASSEBLIES/DOOR PANEL ASSEBLIES/ROOF PANEL ASSEMBLIES TO THE BUILDING SUBSTRATE IS NOT A PART OF THIS PRODUCT APPROVAL. ALL ATTACHMENT OF COMPONENTS TO SUBSTRATE OR SIMILAR APPROVED WALL COMPONENT IS NOT A PART OF THIS PRODUCT APPROVAL. ALL CONNECTIONS SHALL BE PERFORMED BY A LICENSED PROFESSIONAL.
5. DESIGN WIND AND LIVE LOADS SHALL BE DETERMINED IN ACCORDANCE WITH CHAPTER 16 OF THE 2014 FLORIDA BUILDING CODE.
6. BUILDING DIMENSIONS, DETAILS, UPLIFT, OVERTURNING, FOUNDATION, ROOF AND OTHER ELEMENTS WHERE WALL PANELS WILL BE INSTALLED SHALL BE DESIGNED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT.
7. THESE DOCUMENTS REPRESENT A GENERIC SYSTEM AND ARE NOT PREPARED FOR ANY SPECIFIC SITE.
8. ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED.
9. COMBINATION WALL PANEL SHALL BE SHEET ALUMINUM 5052-H32 ALLOY WITH A MINIMUM THICKNESS OF .125".
10. DOOR FRAME COMPONENTS SHALL BE ALUMINUM 5052-H32 ALLOY WITH A MINIMUM THICKNESS OF .125".
11. COMBINATION ROOF PANELS SHALL BE SHEET ALUMINUM 5052-H32 ALLOY WITH A MINIMUM THICKNESS OF .125".
12. ALL SCREWS AND OTHER FASTENERS SHALL BE CORROSION RESISTANT.

DRAWING SET OUTLINE:

SHEET C1:	WALL ASSEMBLY & MOUNTING DETAILS
SHEET BOM:	BILL OF MATERIALS
SHEET A1:	DOOR ASSEMBLY, DOOR FRAME, DETAILS
SHEET A1-1:	DOOR ASSEMBLY, DOOR FRAME, DETAILS
SHEET A2:	DOOR DETAILS, WALL DETAILS
SHEET A3:	ROOF TEST ASSEMBLY, ROOF TESTING DETAILS, END WALL ROOF ASSEMBLY
SHEET A4:	DISCHARGE GRATE, ENCLOSURE ATTACHMENT DETAILS
SHEET COMP1:	WALL PANEL COMPONENT DETAILS 1
SHEET COMP2:	WALL PANEL COMPONENT DETAILS 2
SHEET COMP3:	WALL PANEL & ROOF PANEL COMPONENT DETAILS
SHEET COMP4:	ROOF PANEL & GRATE PANEL COMPONENT DETAILS
SHEET COMP5:	C-CHANNEL, J-CHANNEL, BRACKET DETAILS
SHEET COMP6:	DOOR COMPONENT DETAIL

McCall & Young Engineering LLC
FBPE #26008
6849 Energy Ct.
Lakewood Ranch, FL 34240
(941) 907-9126

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 16-0811.03
Expiration Date 09/22/2021
By Miami Dade Product Control

MAXIMUM RACKING LOAD 915 LB/LINEAR FT.

DESIGN PRESSURE RATING	*IMPACT RATING*
+/- 60 PSF	*LARGE MISSILE IMPACT*

JOHN K. McCALL LICENSE No. 17201 STATE OF FLORIDA PROFESSIONAL ENGINEER
2/26/16

REV#	DESCRIPTION	BY	DATE:
REV01	REVD SHT#1 TO SHOW MAX. LOAD TEST RESULTS FROM CTL.	HSK	01.24.11
REV02	REVD MAX. LOAD TEST RESULTS TO SHOWN RACK LOADS	CWM	05.31.11
REV03	REVISED DWGS TO MATCH CTL LABS SUBMITTED DWGS	CWM	06.30.11
REV04	REVISED DWGS PER MIAMI-DADE MARKUPS.	CWM	09.12.11
REV05	UPDATED "NOTES" TO FBC 2014, UPDATED TITLE BLOCK	JTN	07.15.16

TITLE PROJECT TYPE: WALL ASSEMBLY & MOUNTING DETAILS / D.P. CHART
TANK LABEL: ☐ EQ-625 ☐ EQ-013
FLORIDA P.E.# CERTIFICATION NOS.: ☐ UL-142 ☐ UL-2085
MIAMI-DADE NOA ☐ EQ-625 ☐ EQ-013

RING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST. PH.904.354.1958
JACKSONVILLE,FL 32206 FAX.904.354.7939

JOB# 09-7257
DRAWN BY: HSK
CHECKED BY:
DATE: 03.26.09
SCALE: N.T.S.

RING POWER CORPORATION DBA PHOENIX PRODUCTS
JACKSONVILLE, FLORIDA 32206
MIAMI-DADE NOA
HVHZ ENCLOSURE

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Phoenix Products

C1
SHEET 1 OF 13

B.O.M.

ITEM	QTY	DESCRIPTION	MATERIAL	NOMIAL SIZE	LOCATION
1	11	WALL PANEL	.125" ALUMINUM 5052-H32	16"W NOMINAL X 144"L X 3"D	WALL ASSEMBLY
2	1	WALL PANEL	.125" ALUMINUM 5052-H32	12"W NOMINAL X 144"L X 3"D	WALL ASSEMBLY
3	1	WALL PANEL DOOR HEADER #1	.125" ALUMINUM 5052-H32	18"W NOMINAL X 54-5/8"L X 3"D	WALL ASSEMBLY
4	1	WALL PANEL DOOR HEADER #2	.125" ALUMINUM 5052-H32	18"W NOMINAL X 54-5/8"L X 3"D	WALL ASSEMBLY
5	1	WALL PANEL DOOR FOOTER #1	.125" ALUMINUM 5052-H32	18"W NOMINAL X6"L X 3"D	WALL ASSEMBLY
6	2	WALL PANEL DOOR FOOTER #2	.125" ALUMINUM 5052-H32	18"W NOMINAL X 6"L X 3"D	WALL ASSEMBLY
7	1	WALL PANEL	.125" ALUMINUM 5052-H32	12"W NOMINAL X 144"L X 3"D	WALL ASSEMBLY
8	1	WALL PANEL DOOR CONNECTOR #1	.125" ALUMINUM 5052-H32	10"W NOMINAL X 144"L X 3"D	WALL ASSEMBLY
9	1	WALL PANEL DOOR CONNECTOR #2	.125" ALUMINUM 5052-H32	10"W NOMINAL X 144"L X 3"D	WALL ASSEMBLY
10	6	VERTICAL TUBE SUPPORT	ALUMINUM 6061-T6	2-1/2" SQUARE X 1/4"T	WALL ASSEMBLY
11	2	CORNER WALL PANEL	.125" ALUMINUM 5052-H32	12"W X 12"W X144"L X 3"D	WALL ASSEMBLY
12	1	WALL PANEL RETURN FLANGE	.125" ALUMINUM 5052-H32	12"W NOMINAL X 144"L X 3"D	WALL ASSEMBLY
13	1	WALL PANEL RETURN FLANGE	.125" ALUMINUM 5052-H32	12"W NOMINAL X 144"L X 3"D	WALL ASSEMBLY
14	1	WALL PANEL	.125" ALUMINUM 5052-H32	8"W NOMINAL X 144"L X 3"D	WALL ASSEMBLY
15	1	BOTTOM C-CHANNEL	.190" EXTRUDED ALUMINUM 6061-T6	STANDARD PART	WALL ASSEMBLY
16	1	TOP J-CHANNEL	.190" EXTRUDED ALUMINUM 6061-T6	STANDARD PART	WALL ASSEMBLY
17	1	BOTTOM C-CHANNEL	.190" EXTRUDED ALUMINUM 6061-T6	STANDARD PART	WALL ASSEMBLY
18	1	BOTTOM C-CHANNEL RETURN	.190" EXTRUDED ALUMINUM 6061-T6	STANDARD PART	WALL ASSEMBLY
19	1	BOTTOM C-CHANNEL RETURN	.190" EXTRUDED ALUMINUM 6061-T6	STANDARD PART	WALL ASSEMBLY
20	4	INTERIOR CORNER BRACKET	.187" ALUMINUM 6061-T6	2.625" W X 1.875"H X.1875"T	WALL ASSEMBLY
21	2	EXTERIOR CORNER BRACKET	.187" ALUMINUM 6061-T6	11.528" W X 1.875"H X.1875"T	WALL ASSEMBLY
22	1	TOP J-CHANNEL	.190" EXTRUDED ALUMINUM 6061-T6	STANDARD PART	WALL ASSEMBLY
23	1	TOP J-CHANNEL RETURN	.190" EXTRUDED ALUMINUM 6061-T6	STANDARD PART	WALL ASSEMBLY
24	1	TOP J-CHANNEL RETURN	.190" EXTRUDED ALUMINUM 6061-T6	STANDARD PART	WALL ASSEMBLY
25	1	36"W X 82"H EXT. DOOR w/3 POINT HARDWARE	.125" ALUMINUM 5052-H32	STANDARD ASSEMBLY	WALL ASSEMBLY
26	16	ENCLOSURE TIE DOWN BRACKET	12 GA.-304 ASTM A240 STAINLESS STEEL	STANDARD PART	WALL ATTACHMENT
27	16	ENCLOSURE BRACKET BACKING PLATE	.250" 304 ASTM A240 STAINLESS STEEL	STANDARD PART	WALL ATTACHMENT BACKING
28	1	DOOR FRAME ASSEMBLY	.125" ALUMINUM 5052-H32	40.500"W X 3.375"D X 87.875"H	DOOR ASSEMBLY
29	2	DOOR FRAME JAMB	.125" ALUMINUM 5052-H32	87.875"W X 3.500"D X 3.500"H	DOOR FRAME ASSEMBLY
30	2	DOOR FRAME JAMB	.125" ALUMINUM 5052-H32	40.500"W X 3.500"D X 3.500"H	DOOR FRAME ASSEMBLY
31	1	DOOR PANEL OUTER SKIN	.125" ALUMINUM 5052-H32	34.375"W X .125"T X 82.000"H	DOOR ASSEMBLY
32	1	INTERNAL DOOR BRACE	.125" ALUMINUM 5052-H32	9.750"W X .125"T X 34.500" X 2.750"D	DOOR ASSEMBLY
33	1	DOOR PANEL INNER SKIN	.125" ALUMINUM 5052-H32	34.375"W X .125"T X 82.062"H	DOOR ASSEMBLY
34	1	EXTERIOR DOOR HANDLE	PRT#73NS SS,1/2"SQ,4-17/32"SS SHANK,SP	ALLEGIS	DOOR HARDWARE
35	1	INTERIOR DOOR FLATBAR GUIDE	PRT#311-36 ZN	ALLEGIS	DOOR HARDWARE
36	1	INTERIOR DOOR FLATBAR GUIDE	PRT#311-36 ZN	ALLEGIS	DOOR HARDWARE
37	2	INTERIOR DOOR LATCH BOLT	PRT#311-53 ZN	ALLEGIS	DOOR HARDWARE
38	1	DOOR HINGE	PRT# A093048-669A	ALLEGIS 1.500" X 1.500" (FULL OPEN) X .090"T X 82.00"H	DOOR ASSEMBLY
39	1	3RD POINT INTERIOR DOOR LATCH OVER RIDE	PRT#311-50 ZN	ALLEGIS	DOOR HARDWARE
40	1	INTERIOR OVER RIDE HANDLE	PRT#311-51 ZN	ALLEGIS	DOOR HARDWARE
41	1	EXTERIOR CONTROL DANE	PRT#9957L (NOA RATING# 08-0115.02)	VON DUPRIN	DOOR HARDWARE PANIC OPTION.
42	1	3-POINT SURFACE MOUNT PANIC PUSH BAR ASSEMBLY	PRT#9957 (NOA RATING# 08-0115.02)	VON DUPRIN	DOOR HARDWARE PANIC OPTION.
43	1	U.L. LISTED DOOR CLOSER	PRT# SC 61 XAL	MONARCH	DOOR HARDWARE
44	1	HARDWARE BACKING PLATE	.250" ALUMINUM 6061-T6	2.250"W X 8.500"L X .250"T	DOOR ASSEMBLY
45	1	HARDWARE BACKING PLATE	.125" ALUMINUM 5052-H32	2.250"W X 8.500"L X .125"T	DOOR ASSEMBLY
46	1	HARDWARE BACKING PLATE	.250" ALUMINUM 6061-T6	2.250"W X 8.50"L +/-.250"	DOOR ASSEMBLY
47	1	TOP/BOTTOM LATCH BACKING PLATE	.125" ALUMINUM 5052-H32	3.0625"W X 3.0625"L	DOOR ASSEMBLY
48	1	UL RECOGNIZED SEAL PROFILE	PRT#427045	ALLEGIS (19'-.750"L)	DOOR FRAME SEAL
49	1	ROOF STARTER PANEL	.125" ALUMINUM 5052-H32	149.000"W X 3.250"H X 12.984"L	ROOF ASSEMBLY
50	4	ROOF PANEL	.125" ALUMINUM 5052-H32	149.000"W X 3.250"H X 15.984"L	ROOF ASSEMBLY
51	1	ROOF END PANEL	.125" ALUMINUM 5052-H32	149.000"W X 3.250"H X 12.984"L	ROOF ASSEMBLY
52	1	ROOF STARTER PANEL	.125" ALUMINUM 5052-H32	149.000"W X 3.250"H X 14.504"L	ROOF ASSEMBLY
53	2	ROOF TEST ASSEMBLY J-CHANNEL	.190" EXTRUDED ALUMINUM 6061-T6	90.984"L +.250"/-0"	WALL ASSEMBLY
54	4	ENCLOSURE TIE DOWN BRACKET #2	12 GA.-304 ASTM A240 STAINLESS STEEL	STANDARD PART	WALL ATTACHMENT
55	4	EXTERIOR SUPPORT STRUCTURE TIE BRACKET	.250" ALUMINUM 6061-T6	4.937"W X 5.181"L X .250"T	WALL ATTACHMENT
56	1	BAR GRATING	ALUMINUM 6063-T6 (PRT#GIA 175)	McNICHOLS 36"W X 144"L	DISCHARGE
57	2	FLAT BAR	ALUMINUM 6061-T6	2"W X 36"L X .250"T	GRATING ATTACHMENT
58	5	HORIZONTAL ROOF PANEL SUPPORT	.125" ALUMINUM 5052-H32	3"W X 17.149"L +/-.250"	ROOF ASSEMBLY
59	5	HORIZONTAL ROOF PANEL SUPPORT	.125" ALUMINUM 5052-H32	3"W X 65.188"L +/-.250"	ROOF ASSEMBLY

McCall & Young Engineering LLC
FBPE #26008
6849 Energy Ct.
Lakewood Ranch, FL 34240
(941) 907-9126

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 16-0811.03
Expiration Date 09/22/2021
By
Miami Dade Product Control

PROFESSIONAL ENGINEER ★ JOHN K. McCALL ★ LICENSE No. 17201 ★ STATE OF FLORIDA

FASTENER SCHEDULE

ITEM	DESCRIPTION	MATERIAL
5/16"-18X1.25" GRADE 5 HEX HEAD BOLT w/GRADE 5 NYLOCK NUT	CHANNEL BRACKET CONNECTIONS	BOLT: GRADE 5 PER SAE J429 NUT: IFI 100/107 GRADE A WASHER: GRADE 5
5/16"-18X1" GRADE 5 HEX HEAD BOLT w/GRADE 5 NYLOCK NUT	PANEL CONNECTIONS CHANNEL CONNECTIONS	BOLT: GRADE 5 PER SAE J429 NUT: IFI 100/107 GRADE A WASHER: GRADE 5
3/8"-16X1-1/2" GRADE 5 HEX HEAD BOLT w/GRADE 5 NYLOCK NUT	CHANNEL CONNECTIONS	BOLT: GRADE 5 PER SAE J429 NUT: IFI 100/107 GRADE A WASHER: GRADE 5
.250"-14 x 1"L THREADED #3 POINT TEK SCREW	PANEL CONNECTIONS	SCREW: CASE-HARDENED C1016-C1024 STAINLESS STEEL C34 SURFACE HARDNESS WASHER: 410 STAINLESS STEEL w/EPDM BONDED TO METAL
#10-24 X 1"L HEX HEAD BOLT W/GRADE 5 NYLOCK NUT W/GRADE 5 WASHER	DOOR HINGE CONNCTIONS	BOLT: ASME B18.2.1 CLASS 2A FIT ROCKWELL HARDNESS B80 NUT: IFI 100/107 GRADE A WASHER: GRADE 5
3M VHB CV62F ADHESIVE TAPE	PANEL CONNECTIONS DOOR FRAME INSTALLATION CHANNEL INSTALLATION SUPPORT TUBE CONNECTION	ADHESIVE CONFORMABLE ACRYLIC CLOSED CELL FOAM ASTM D-1002, ASTM D-3330
.188"ø X .560" POP-RIVET	DOOR PANEL CONNECTIONS	5052 ALUMINUM IFI 114. SHEAR 260 LBS. TENSILE STRENGTH 320 LBS.

Phoenix Products

RING POWER CORPORATION DBA
PHOENIX PRODUCTS
1727 BENNETT STREET
JACKSONVILLE, FLORIDA 32206

MIAMI-DADE NOA
HVHZ ENCLOSURE

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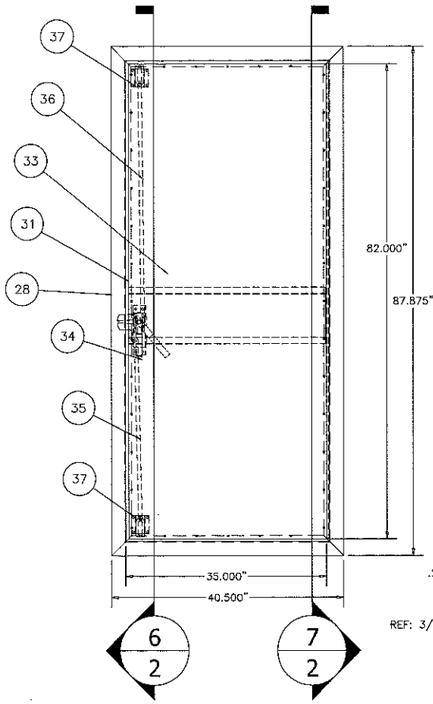
JOB#	09-7257
DRAWN BY:	HSK
CHECKED BY:	
DATE:	03.25.09
SCALE:	N.T.S

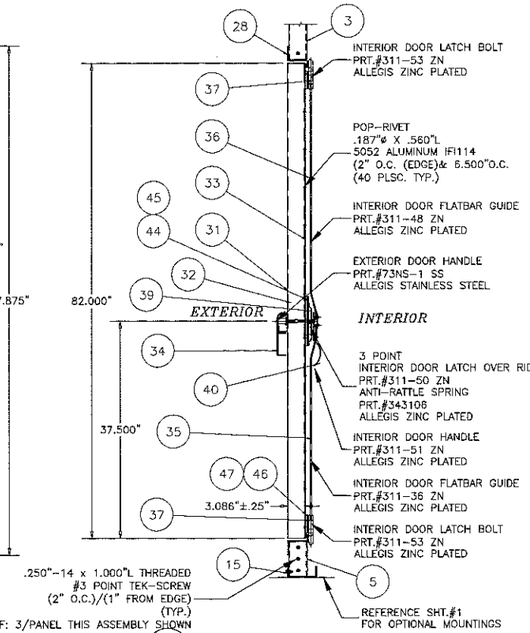
TITLE PROJECT TYPE: B.O.M. (FASTENER SCHEDULE)
TANK LABEL: ☐ UL-142 ☐ UL-2085
FLORIDA D.E.P. CERTIFICATION NOS. ☐ EQ-013 ☐ EQ-625

RING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST. PH.904.354.1858
JACKSONVILLE,FL 32206 FAX.904.354.7929

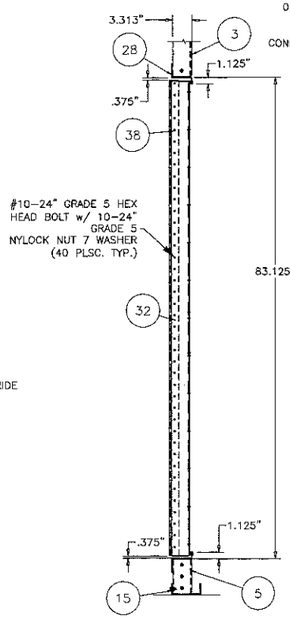
REV#	DESCRIPTION	BY	DATE:
REV01	REVD SHT#1 TO SHOW MAX. LOAD TEST RESULTS FROM CTL	HSK	01.24.11
REV02	REVD MAX. LOAD TEST RESULTS TO SHOWN RACK LOADS	CWM	05.31.11
REV03	REVISED DWGS TO MATCH CTL LABS SUBMITTED DWGS	CWM	06.30.11
REV04	REVISED DWGS PER MIAMI-DADE MARKUPS.	CWM	09.12.11
REV05	UPDATED "NOTES" TO FBC 2014, UPDATED TITLE BLOCK	JTN	07.15.16



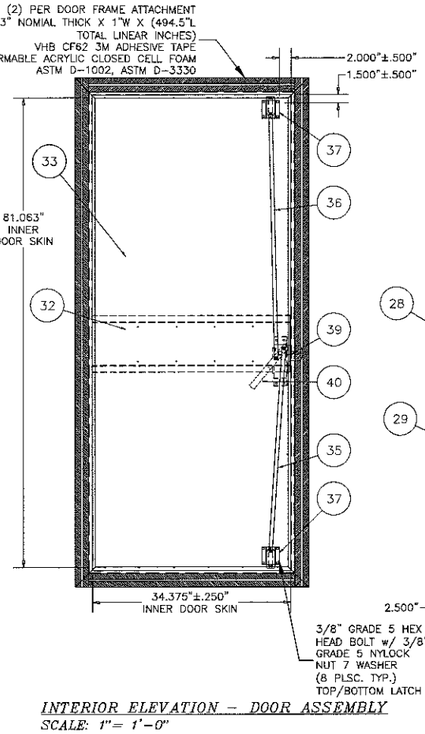
EXTERIOR ELEVATION – DOOR ASSEMBLY
SCALE: 1"= 1'-0"



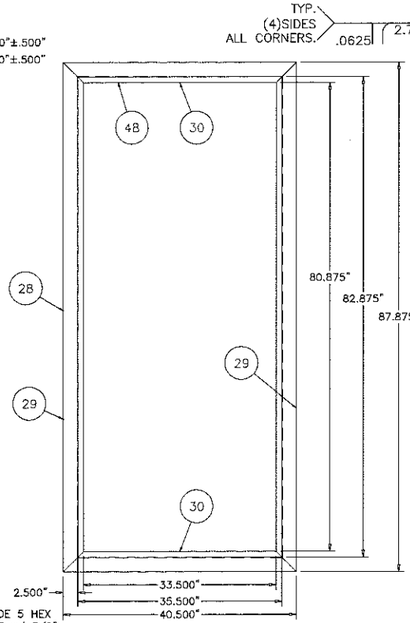
6/2 SECTION ELEVATION
DOOR ASSEMBLY,
DOOR FRAME & HARDWARE ASSEMBLY
SCALE: 1" = 1'-0"



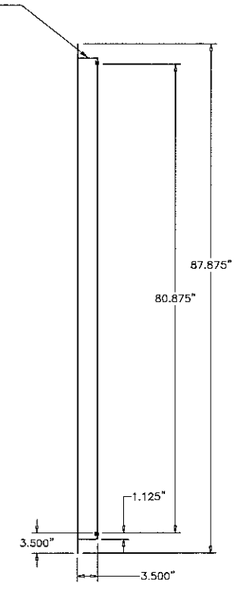
7/2 SECTION ELEVATION
DOOR ASSEMBLY,
DOOR FRAME & HINGE
SCALE: 1" = 1'-0"



INTERIOR ELEVATION – DOOR ASSEMBLY
SCALE: 1"= 1'-0"



EXTERIOR ELEVATION
DOOR FRAME
SCALE: 1"= 1'-0"



SIDE ELEVATION
DOOR FRAME
SCALE: 1"= 1'-0"

REV#	DESCRIPTION	BY	DATE:
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REV04	REVISED DWGS PER MIAMI-DADE MARKUPS.	CWM	09.12.11
REV05	UPDATED "NOTES" TO FBC 2014. UPDATED TITLE BLOCK.	JTN	07.15.16

TITLE PROJECT TYPE: DOOR ASSEMBLY, DOOR FRAME, DETAILS
TANK LABEL: ☐ UL-142 ☐ UL-2085
FLORIDA D.E.P. CERTIFICATION NOS. ☐ EQ-013 ☐ EQ-625

RING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST.
JACKSONVILLE,FL 32206
PH.904.354.1658
FAX.904.354.7929

JOB# 09-7257
DRAWN BY: HSK
CHECKED BY:
DATE: 03.25.09
SCALE: N.T.S.

PHOENIX PRODUCTS
MIAMI-DADE NOA
HVHZ ENCLOSURE

RING POWER CORPORATION DBA PHOENIX PRODUCTS
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JACKSONVILLE, FLORIDA 32206
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Phoenix Products

A1
SHEET: 3 OF 13

McCall & Young Engineering LLC
FBPE #26008
6849 Energy Ct.
Lakewood Ranch, FL 34240
(941) 907-9126

JOHN K. McCALL
LICENSE
No. 17201
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
2/26/16

PRODUCT REVISED
as complying with the Florida
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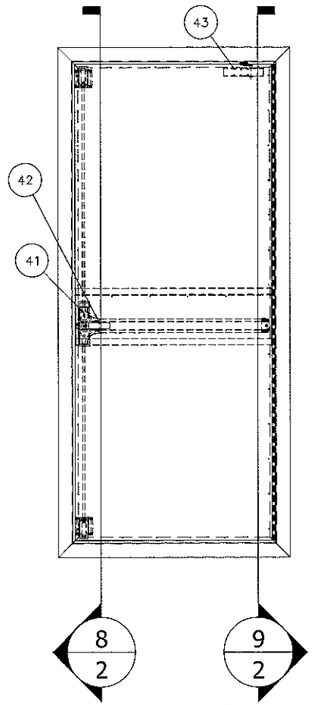
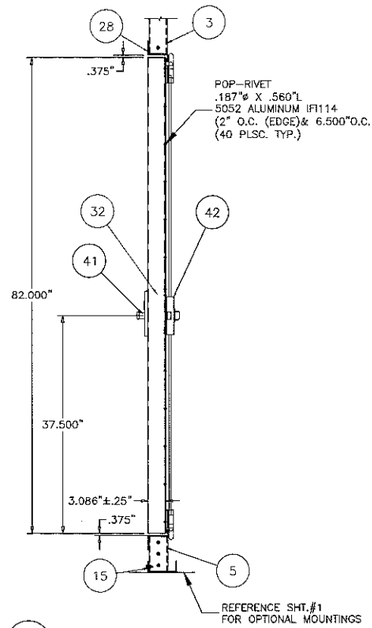
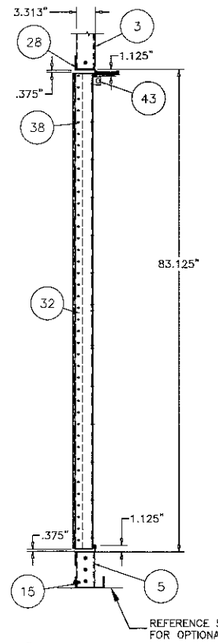
Acceptance No 16-0811.03
Expiration Date 09/22/2021
By
Miami Dade Product Control



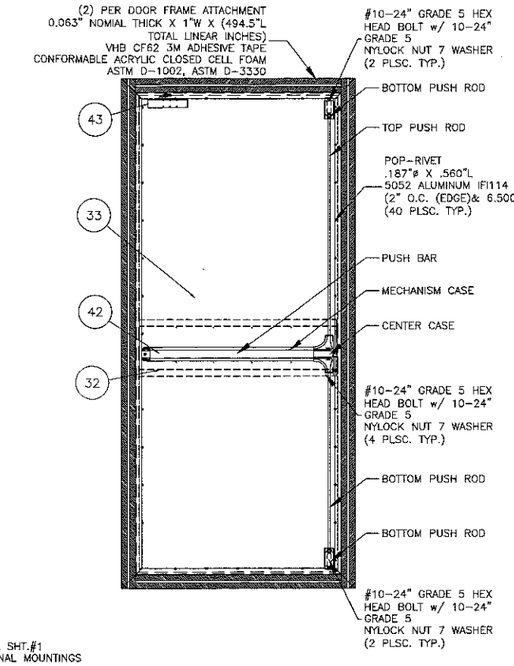
OPTIONAL DOOR HARDWARE
EXTERIOR ELEVATION – DOOR ASSEMBLY
SCALE: 1"= 1'-0"



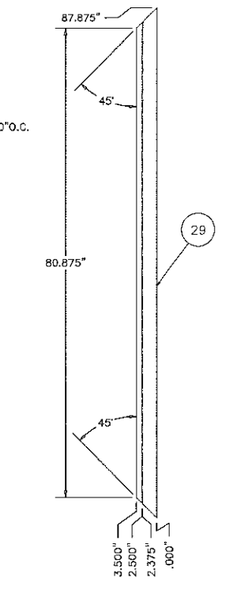
8/2 SECTION ELEVATION
DOOR ASSEMBLY,
DOOR FRAME & HARDWARE ASSEMBLY
SCALE: 1" = 1'-0"



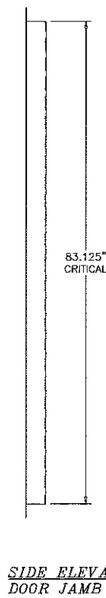
9/2 SECTION ELEVATION
DOOR ASSEMBLY,
DOOR FRAME & HINGE
SCALE: 1" = 1'-0"



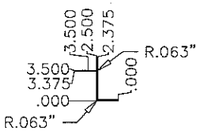
INTERIOR ELEVATION – DOOR ASSEMBLY
SCALE: 1"= 1'-0"



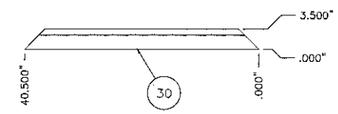
EXTERIOR ELEVATION
DOOR JAMB
SCALE: 1"= 1'-0"



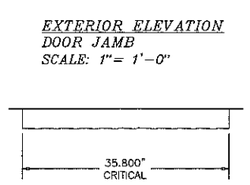
SIDE ELEVATION
DOOR JAMB
SCALE: 1"= 1'-0"



TYPICAL PLAN VIEW
DOOR JAMB PROFILE
SCALE: 1-1/2"= 1'-0"



EXTERIOR ELEVATION
DOOR JAMB
SCALE: 1"= 1'-0"



SIDE ELEVATION
DOOR JAMB
SCALE: 1"= 1'-0"

McCall & Young Engineering LLC
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REV05	UPDATED "NOTES" TO FBC 2014, UPDATED TITLE BLOCK	JTN	07.15.16

TITLE PROJECT TYPE: DOOR ASSEMBLY, DOOR FRAME, DETAILS
TANK LABEL: ☐UL-142 ☐UL-2085
FLORIDA D.E.P. CERTIFICATION NOS. ☐EG-013 ☐EG-525

RING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST.
JACKSONVILLE, FL 32206
PH.904.354.1856
FAX.904.354.7929

JOB# 09-7257
DRAWN BY: HSK
CHECKED BY:
DATE: 03.25.09
SCALE: N.T.S.

RING POWER CORPORATION DBA
JACKSONVILLE, FLORIDA 32206

PHOENIX PRODUCTS
MIAMI-DADE NOA
HYDE ENCLOSURE

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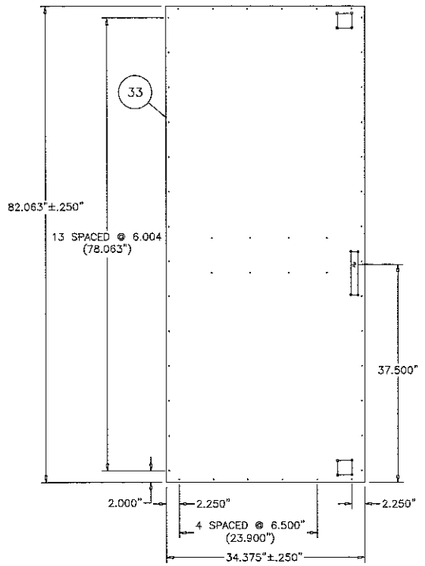
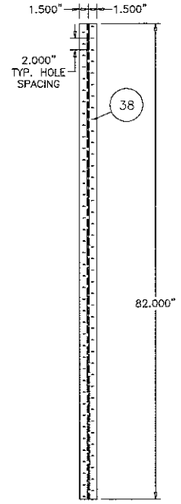
Phoenix Products

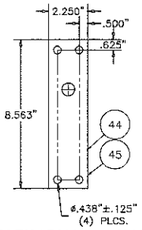
A1
SHEET:
4 OF 13



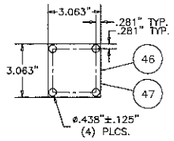
INTERNAL ELEVATION – DOOR INNER SKIN
SCALE: 1"= 1'–0"



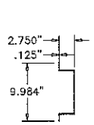
ELEVATION – HINGE
SCALE: 1"= 1'–0"



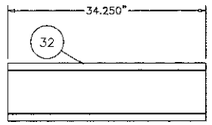
ELEVATION – HARDWARE
BACKING PLATE
SCALE: 1"= 1'–0"



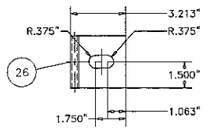
ELEVATION – TOP/BOTTOM LATCH
BACKING PLATE
SCALE: 3"= 1'–0"



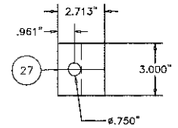
PROFILE



ELEVATION –
INTERNAL DOOR BRACE
SCALE: 1"= 1'–0"

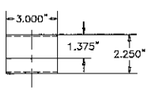


PLAN VIEW

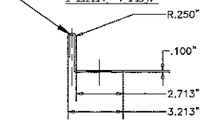


PLAN VIEW

QUANTITY CALCULATED
BY ENGINEER OF RECORD.

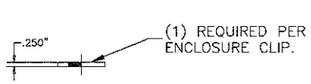


FRONT ELEVATION



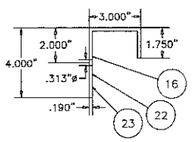
SIDE ELEVATION

ENCLOSURE TIE DOWN BRACKET
12 GA.–304 ASTM A240 STAINLESS STEEL

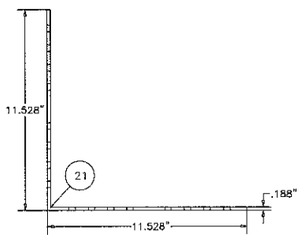


SIDE ELEVATION

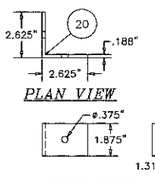
ENCLOSURE BRACKET BACKING PLATE
.250"–304 ASTM A240 STAINLESS STEEL



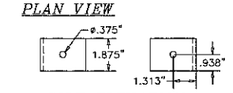
ENCLOSURE TOP J–CHANNEL
4"H X 3"W X .190 6061T6 ASTM B221 ALUMINUM



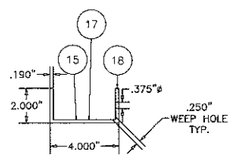
PLAN VIEW



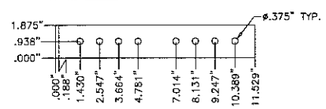
PLAN VIEW



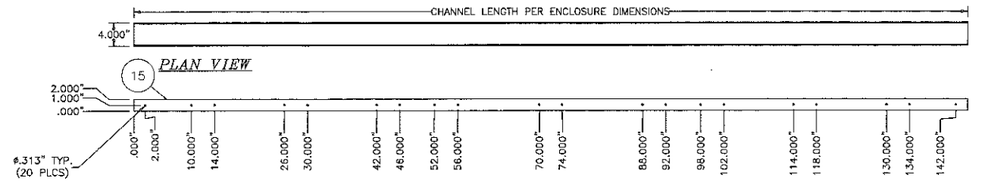
SIDE ELEVATION
INTERIOR CORNER BRACKET
.190 6061T6 ASTM B221 ALUMINUM
SCALE: 3"= 1'–0"



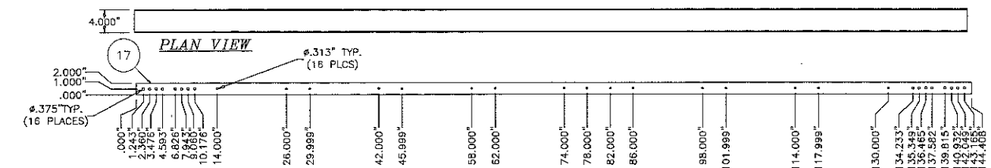
ENCLOSURE BOTTOM C–CHANNEL
2"H X 4"W .190 6061T6 ASTM B221 ALUMINUM
SCALE: 3"= 1'–0"



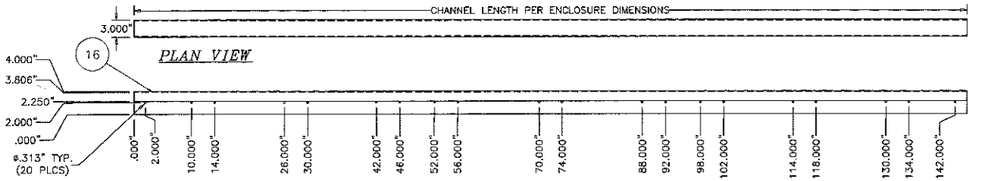
SIDE ELEVATION
EXTERIOR CORNER BRACKET
.190 6061T6 ASTM B221 ALUMINUM
SCALE: 3"= 1'–0"



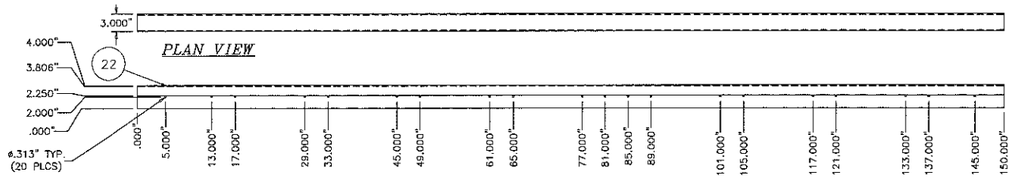
FRONT ELEVATION – BOTTOM C–CHANNEL
WALL ASSEMBLY
SCALE: 1"= 1'–0"



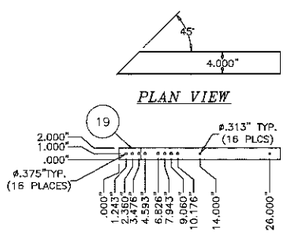
FRONT ELEVATION – BOTTOM C–CHANNEL
END WALL ASSEMBLY
SCALE: 1"= 1'–0"

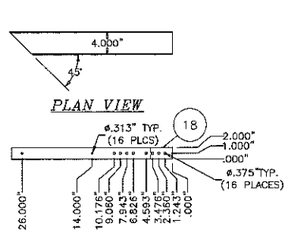


FRONT ELEVATION – TOP J–CHANNEL
WALL ASSEMBLY & ROOF TEST ASSEMBLY
SCALE: 1"= 1'–0"



FRONT ELEVATION – TOP J–CHANNEL
END WALL ASSEMBLY
SCALE: 1"= 1'–0"





FRONT ELEVATION – BOTTOM C–CHANNEL RETURN
END WALL ASSEMBLY
SCALE: 1"= 1'–0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 16-0811.03
Expiration Date 09/22/2021
By Herb Hall Miami Dade Product Control

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FBPE #26008
6849 Energy Ct.
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(941) 907-9126

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7/26/16

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REV03	REVISED DWGS TO MATCH CTL LABS SUBMITTED DWGS	CWM	06.30.11
REV04	REVISED DWGS PER MIAMI–DADE MARKUPS.	CWM	09.12.11
REV05	UPDATED "NOTES" TO FBC 2014. UPDATED TITLE BLOCK	JTN	07.15.16

TITLE: PROJECT TYPE: DOOR DETAILS, WALL DETAILS
TANK LABEL: ☐ UL-142 ☐ UL-2085
FLORIDA D.E.P. CERTIFICATION NOS. ☐ EG-013 ☐ EG-625

RING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST.
JACKSONVILLE, FL 32206
PH. 904.354.1658
FAX. 904.354.7929

JOB# 09-72257
DRAWN BY: HSK
CHECKED BY:
DATE: 03.25.09
SCALE: N.T.S.

RING POWER CORPORATION
PHOENIX PRODUCTS
1727 BENNETT STREET
JACKSONVILLE, FLORIDA 32206

MIAMI–DADE NOA
HVHZ ENCLOSURE

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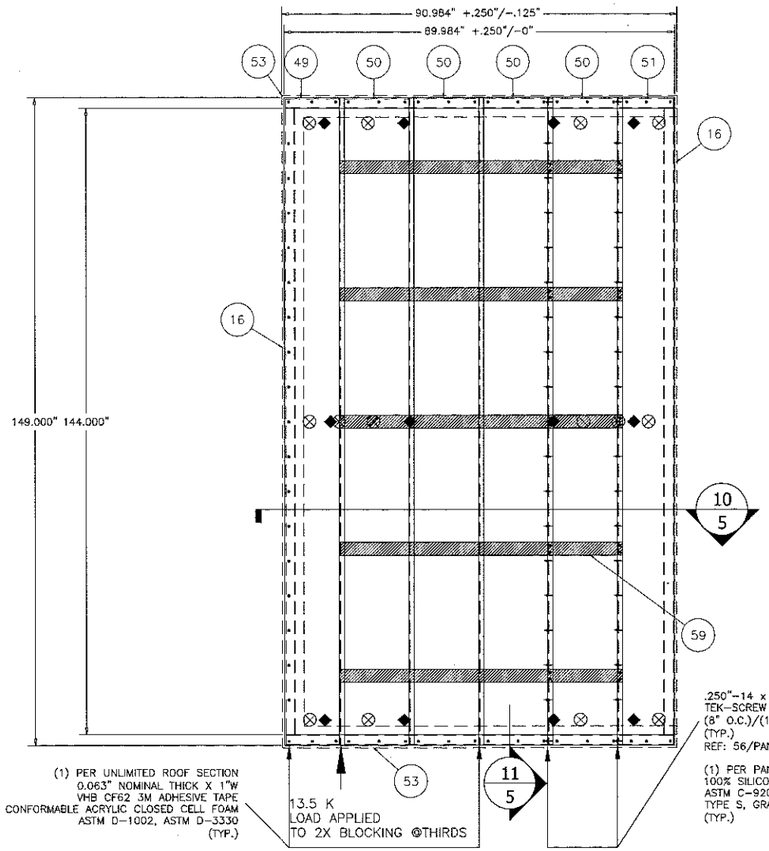
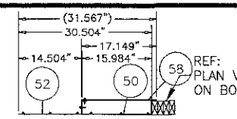
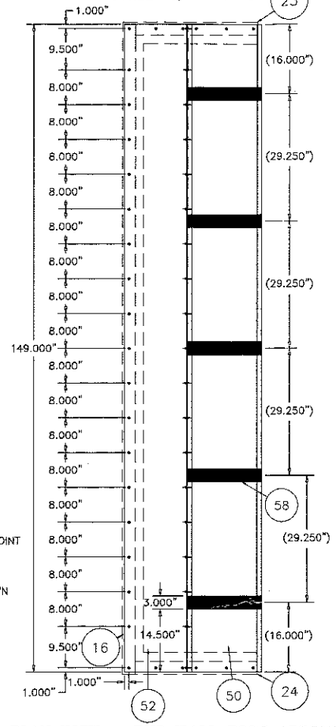
SHEET: A2
5 OF13



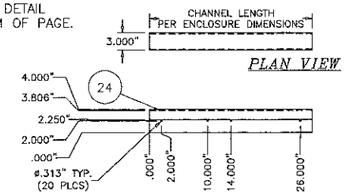
PLAN VIEW – ROOF TEST ASSEMBLY
SCALE: 1"= 1'-0"



SIDE ELEVATION
END WALL ROOF ASSEMBLY
SCALE: 3/4"= 1'-0"

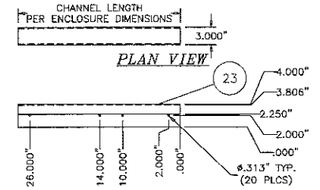


PLAN VIEW – END WALL ROOF ASSEMBLY
SCALE: 3/4"= 1'-0"



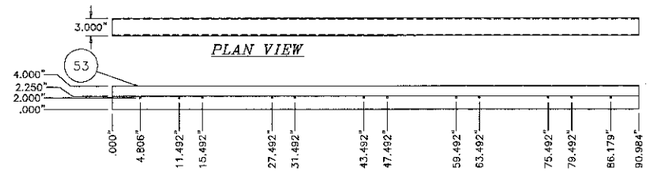
PLAN VIEW

FRONT ELEVATION
TOP J-CHANNEL RETURN
END WALL ASSEMBLY
SCALE: 1"= 1'-0"



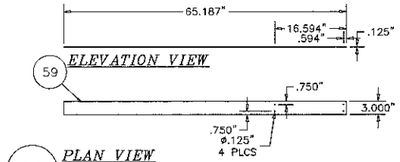
PLAN VIEW

FRONT ELEVATION
TOP J-CHANNEL RETURN
END WALL ASSEMBLY
SCALE: 1"= 1'-0"



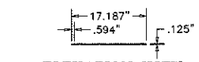
PLAN VIEW

FRONT ELEVATION
TOP J-CHANNEL
ROOF TEST ASSEMBLY
SCALE: 1"= 1'-0"

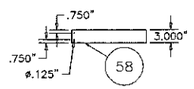


ELEVATION VIEW

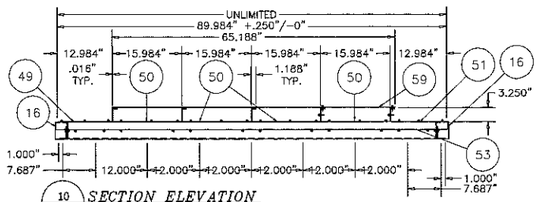
59 PLAN VIEW
HORIZONTAL ROOF PANEL SUPPORT
ROOF TEST ASSEMBLY
SCALE: 1"= 1'-0"



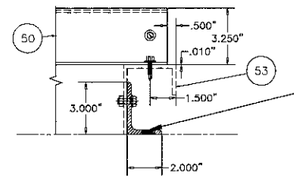
ELEVATION VIEW



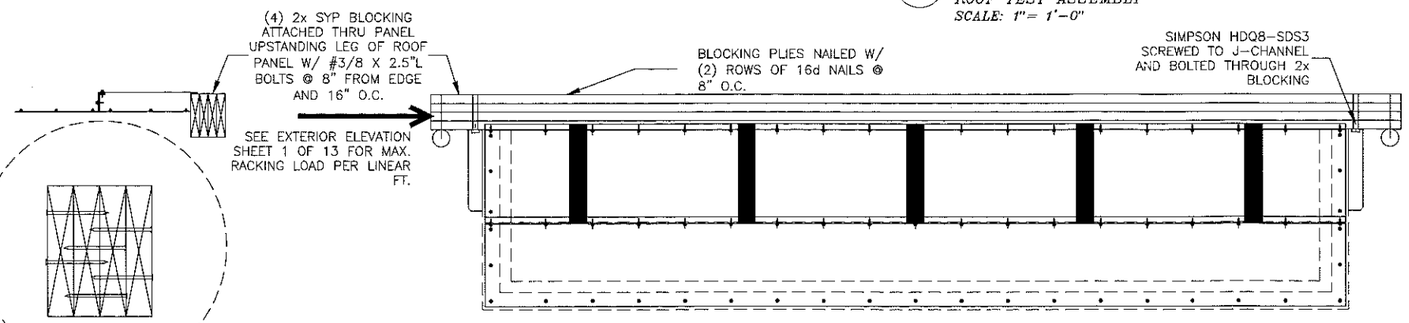
58 PLAN VIEW
HORIZONTAL ROOF PANEL SUPPORT
ROOF TEST ASSEMBLY
SCALE: 1"= 1'-0"



10/5 SECTION ELEVATION
ROOF ASSEMBLY
SCALE: 3/4" = 1'-0"

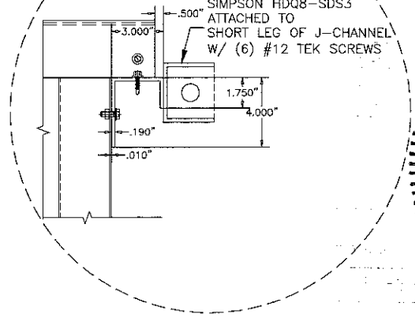


11/5 SECTION ELEVATION
ROOF TEST ASSEMBLY
SCALE: 3/4" = 1'-0"



BLOCKING NAILING DETAIL
SCALE: 3" = 1'-0"

PLAN VIEW – END WALL/ROOF ASSEMBLY TESTING DETAILS
SCALE: 1"= 1'-0"



TYP. J-CHANNEL CONNCTION
SCALE: 3" = 1'-0"

McCall & Young Engineering LLC
NAPE #26008
6849 Energy Ct.
Lakewood Ranch, FL 34240
(941) 907-9126

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 16-0811.03
Expiration Date 09/22/2021
By Miami Dade Product Control

JOHN K. McCALL LICENSE No. 17201 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/26/16

REV#	DESCRIPTION	BY	DATE:
REV01	REVD SHT#1 TO SHOW MAX. LOAD. TEST RESULTS FROM CTL	HSK	01.24.11
REV02	REVD MAX. LOAD TEST RESULTS TO SHOWN RACK LOADS	CWM	05.31.11
REV03	REVISED DWGS TO MATCH CTL LABS SUBMITTED DWGS	CWM	06.30.11
REV04	REVISED DWGS PER MIAMI-DADE MARKUPS.	CWM	09.12.11
REV05	UPDATED "NOTES" TO FBC 2014, UPDATED TITLE BLOCK.	JTN	07.15.16

TITLE PROJECT TYPE: ROOF ASSEMBLY ROOF TESTING DETAILS/END WALL ROOF ASSEMBLY
TANK LABEL: ☐ UL-142 ☐ UL-2085
FLORIDA D.E.P. CERTIFICATION NOS: ☐ EG-013 ☐ EG-625

JOB# 09-7257
DRAWN BY: HSK
CHECKED BY:
DATE: 03.25.09
SCALE: N.T.S.

BRING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST.
JACKSONVILLE, FLORIDA 32206
PH.904.354.1658
FAX.904.354.7929

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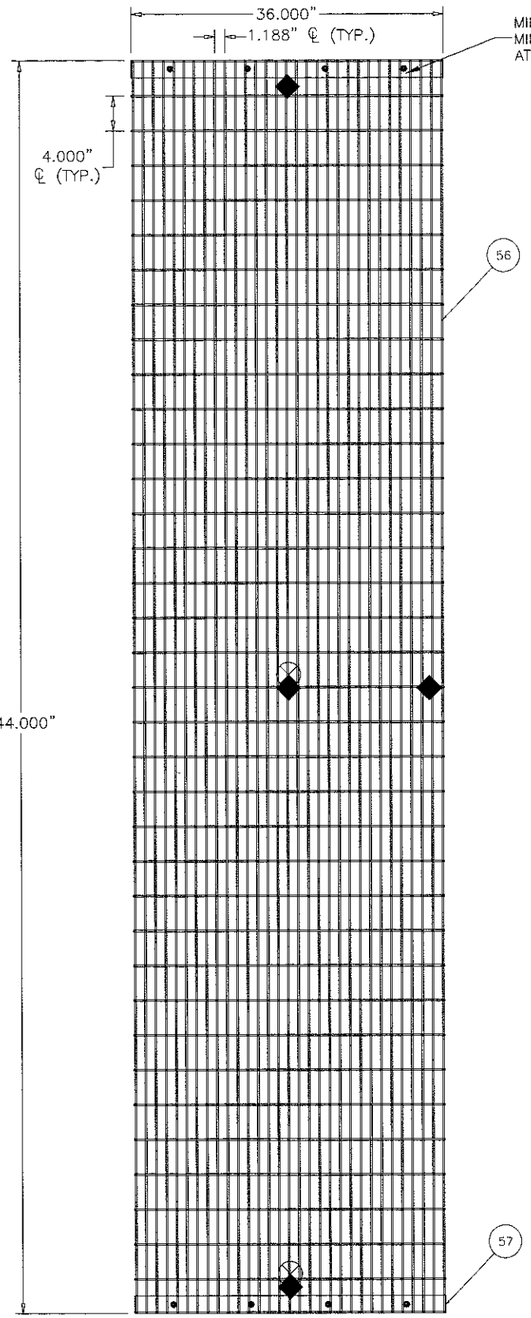
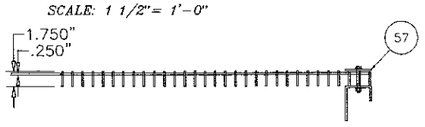
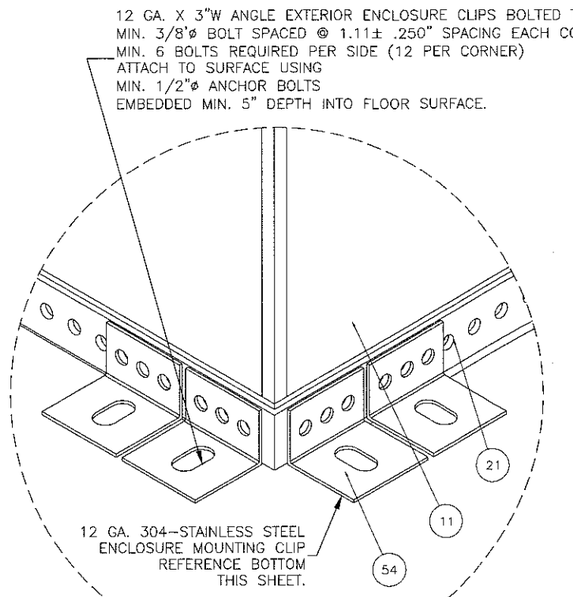
A3
SHEET 6 OF 13



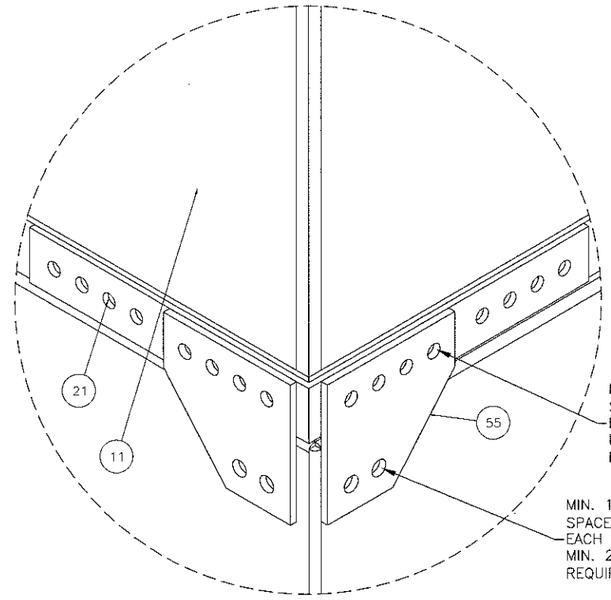
PLAN VIEW – DISCHARGE OPENING GRATE
SCALE: 1 1/2"= 1'-0"



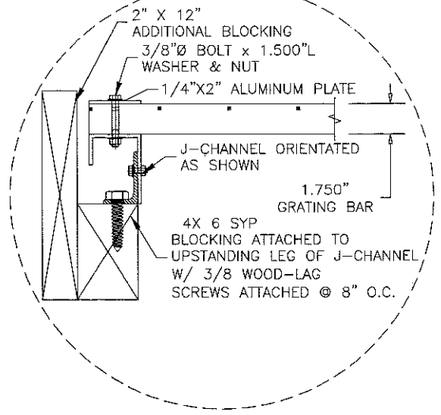
SIDE ELEVATION – DISCHARGE OPENING GRATE
SCALE: 1 1/2"= 1'-0"



ENCLOSURE MOUNTING DETAIL TO CONCRETE
SCALE: 6" = 1'-0"

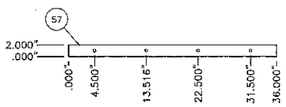


ENCLOSURE MOUNTING DETAIL TO TEST STRUCTURE
SCALE: 6" = 1'-0"

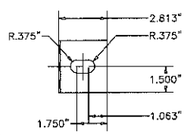


TYP. J-CHANNEL GRATE CONNECTION
SCALE: 3" = 1'-0"

SIDE ELEVATION – FLAT BAR
SCALE: 1"= 1'-0"

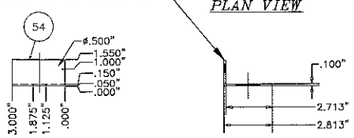


PLAN VIEW – FLAT BAR
SCALE: 1"= 1'-0"



PLAN VIEW

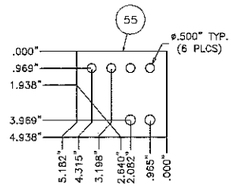
QUANTITY CALCULATED
BY ENGINEER OF RECORD.



FRONT ELEVATION

SIDE ELEVATION

ENCLOSURE TIE DOWN BRACKET#2
12 GA.-304 ASTM A240 STAINLESS STEEL
SCALE: 3" = 1'-0"



ELEVATION
EXTERIOR SUPPORT STRUCTURE TIE BRACKET
12 GA.-304 ASTM A240 STAINLESS STEEL
SCALE: 3" = 1'-0"

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 16-0811.03
Expiration Date 09/22/2021
By
Miami Dade Product Control

McCall & Young Engineering LLC
FBPE #26008
6849 Energy Ct.
Lakewood Ranch, FL 34240
(941) 907-9126

JOHN K. McCALL
LICENSE
No. 17201
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
7/26/16

REV#	DESCRIPTION	BY	DATE:
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REV04	REVISED DWGS PER MIAMI-DADE MARKUPS.	CWM	09.12.11
REV05	UPDATED "NOTES" TO FBC 2014. UPDATED TITLE BLOCK	JTN	07.15.16

TITLE PROJECT TYPE: DISCHARGE GRATE, ENCLOSURE ATTACHMENT DETAILS
TANK LABEL: ☐UL-142 ☐UL-2085
FLORIDA D.E.P. CERTIFICATION NOS. ☐EG-013 ☐EG-635

KING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST.
JACKSONVILLE,FL 32206
PH.904.354.1666
FAX.904.354.7929

JOB# 09-7257
DRAWN BY: HSK
CHECKED BY:
DATE: 03.25.09
SCALE: N.T.S.

KING POWER CORPORATION
PHOENIX PRODUCTS
1727 BENNETT STREET
JACKSONVILLE, FLORIDA 32206

MIAMI-DADE NOA
#7912 ENCLOSURE

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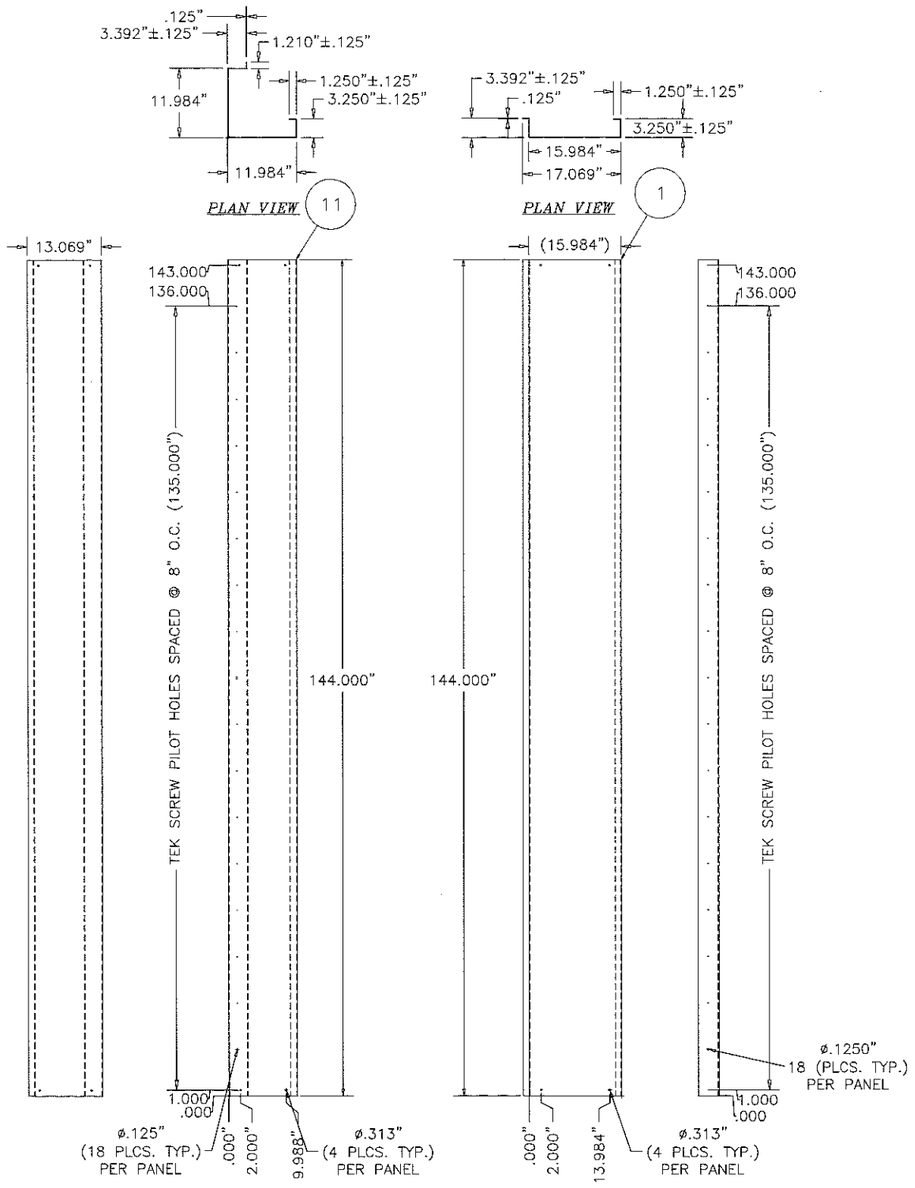
SHEET:
7 OF13

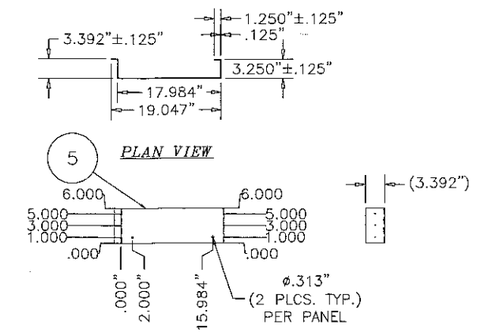


11 *CORNER WALL PANEL SIDE ELEVATION* SCALE: 1"=1'-0"

11 *FRONT ELEVATION* SCALE: 1"=1'-0"

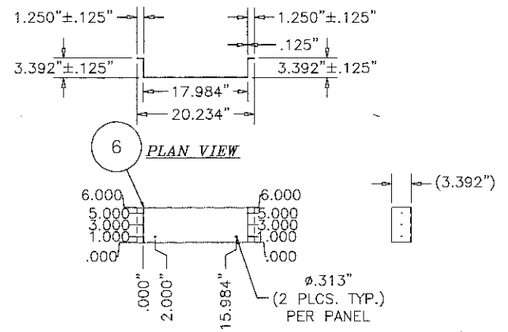
1 *WALL PANEL FRONT ELEVATION* SCALE: 1"=1'-0"

1 *SIDE ELEVATION* SCALE: 1"=1'-0"



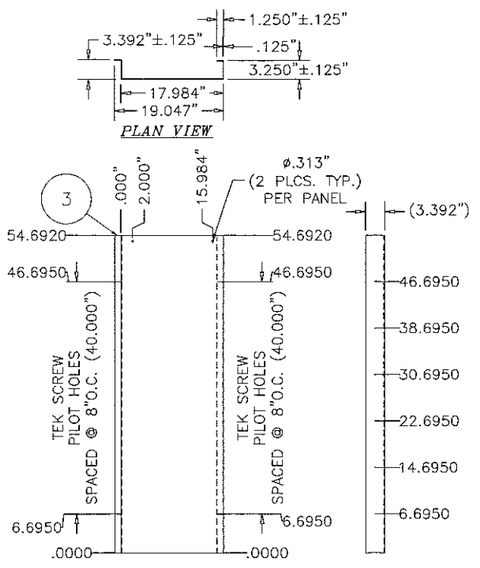
5 *WALL PANEL DOOR FOOTER #1 FRONT ELEVATION* SCALE: 1"=1'-0"

SIDE ELEVATION SCALE: 1"=1'-0"



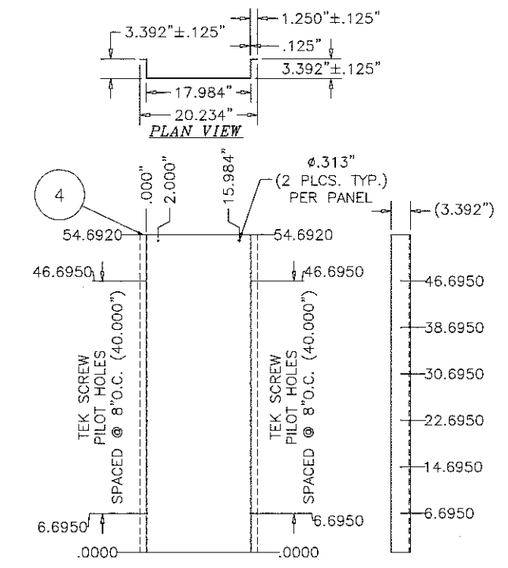
6 *WALL PANEL DOOR FOOTER #2 SIDE ELEVATION* SCALE: 1"=1'-0"

SIDE ELEVATION SCALE: 1"=1'-0"



3 *WALL PANEL DOOR HEADER #1 FRONT ELEVATION* SCALE: 1"=1'-0"

SIDE ELEVATION SCALE: 1"=1'-0"



4 *WALL PANEL DOOR HEADER #2 SIDE ELEVATION* SCALE: 1"=1'-0"

SIDE ELEVATION SCALE: 1"=1'-0"

NOTE:

1. PILOT HOLES FOR .250"Ø-14 X 1"L TEK-SCREWS (TYP. THIS PART SHOWN WHEN MECHANICAL FASTENERS ARE REQUIRED)
2. 3/8"Ø CONNECTION HOLES REQUIRED FOR MECHANICAL OR VHB CONSTRUCTIONS.
3. OPTIONAL PANEL ATTACHING METHODS USING VHB (1) TAPE CONTINUOUS SEAM PER PANEL ATTACHMENT 0.063" NOMINAL THICK X 1"W X PANEL LENGTH VHB CF62 3M ADHESIVE TAPE CONFORMABLE ACRYLIC CLOSED CELL FOAM ASTM D-1002, ASTM D-3330.
4. ALL TAPE INSTALLATIONS ARE TO PERFORMED TO 3M SPECIFICATION OF INSTALLATIONS 3M VHB TECHNICAL BULLETIN.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 16-0811.03
Expiration Date 09/22/2021
By
Miami Dade Product Control

McCall & Young Engineering LLC
FBPE #26008
6849 Energy Ct.
Lakewood Ranch, FL 34240
(941) 907-9126

JOHN K. McCALL LICENSE No. 17201 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/26/16

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REV05	UPDATED "NOTES" TO FBC 2014. UPDATED TITLE BLOCK	JTN	07.15.16

TITLE PROJECT TYPE: COMPONENT PARTS
TANK LABEL: ☐UL-142 ☐UL-2085
FLORIDA D.E.P. CERTIFICATION NOS. ☐EG-013 ☐EG-625

RING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST.
JACKSONVILLE, FL 32206
PH 904.354.1658
FAX 904.354.7929

JOB# 09-7257

DRAWN BY:	HSK
CHECKED BY:	
DATE:	03.25.09
SCALE:	N.T.S.

RING POWER CORPORATION
JACKSONVILLE, FLORIDA 32206

PHOENIX PRODUCTS

MIAMI-DADE NOA
HVHZ ENCLOSURE

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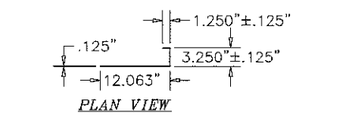
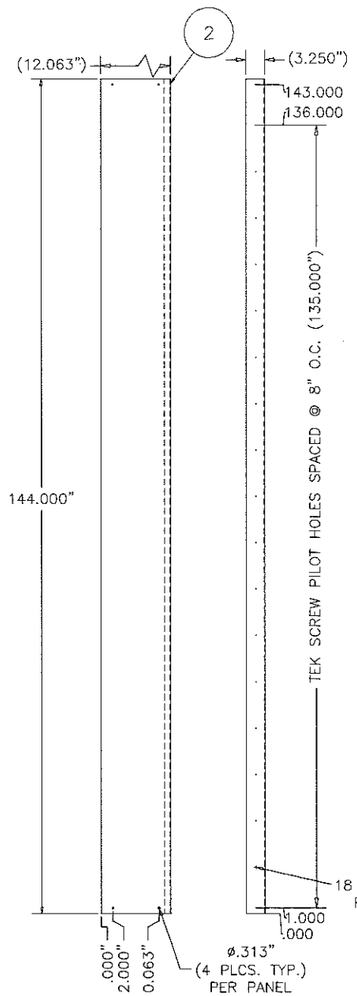
Phoenix Products

COMP1

SHEET: 8 OF13

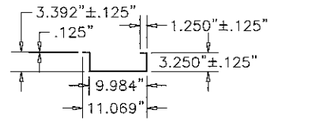


PLAN VIEW

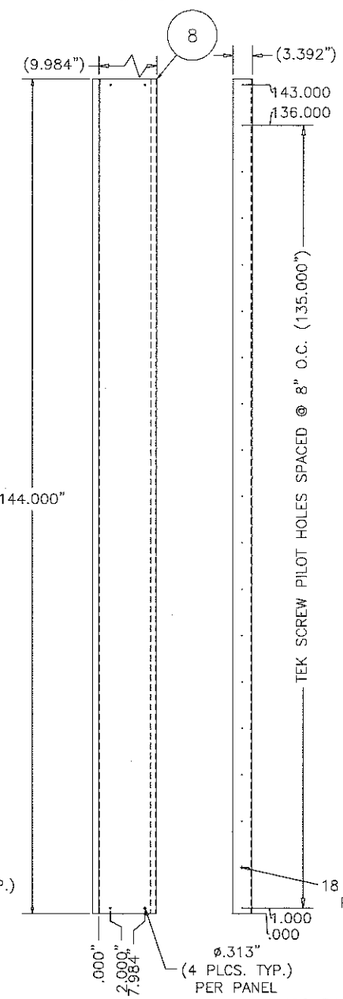


2 *WALL PANEL SIDE ELEVATION* SCALE: 1"=1'-0"

2 *FRONT ELEVATION* SCALE: 1"=1'-0"

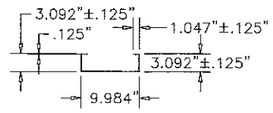


PLAN VIEW

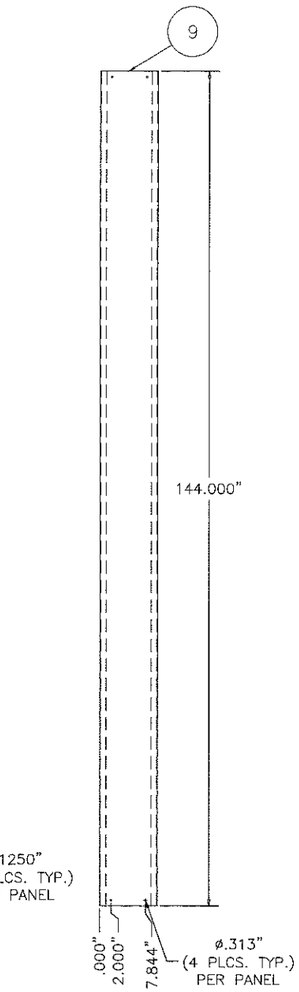


8 *WALL PANEL DOOR CONNECTOR#1 FRONT ELEVATION* SCALE: 1"=1'-0"

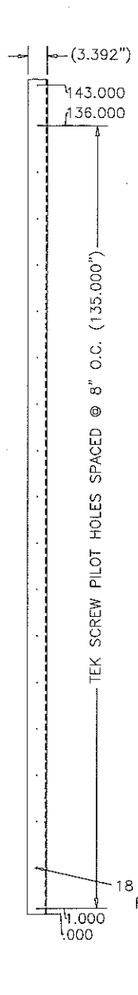
8 *WALL PANEL DOOR CONNECTOR#1 SIDE ELEVATION* SCALE: 1"=1'-0"



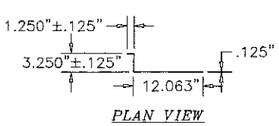
PLAN VIEW



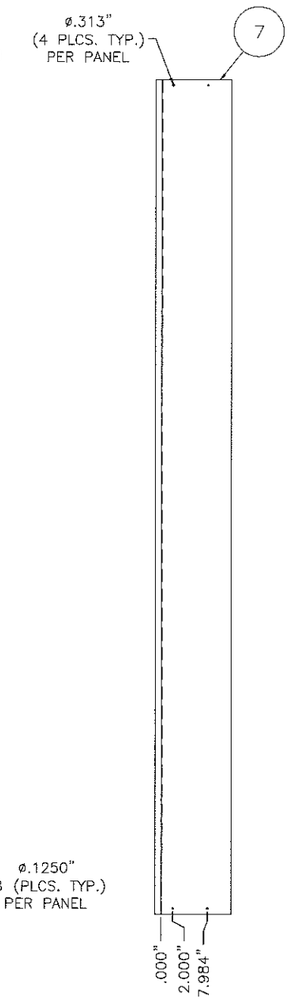
9 *WALL PANEL DOOR CONNECTOR#2 FRONT ELEVATION* SCALE: 1"=1'-0"



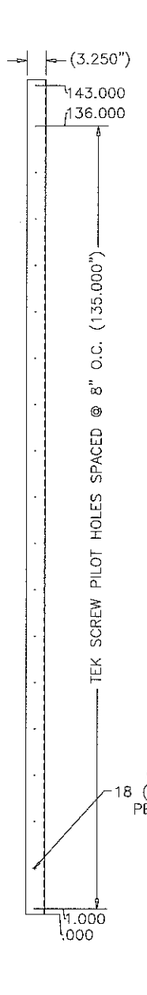
9 *WALL PANEL DOOR CONNECTOR#2 SIDE ELEVATION* SCALE: 1"=1'-0"



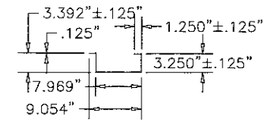
PLAN VIEW



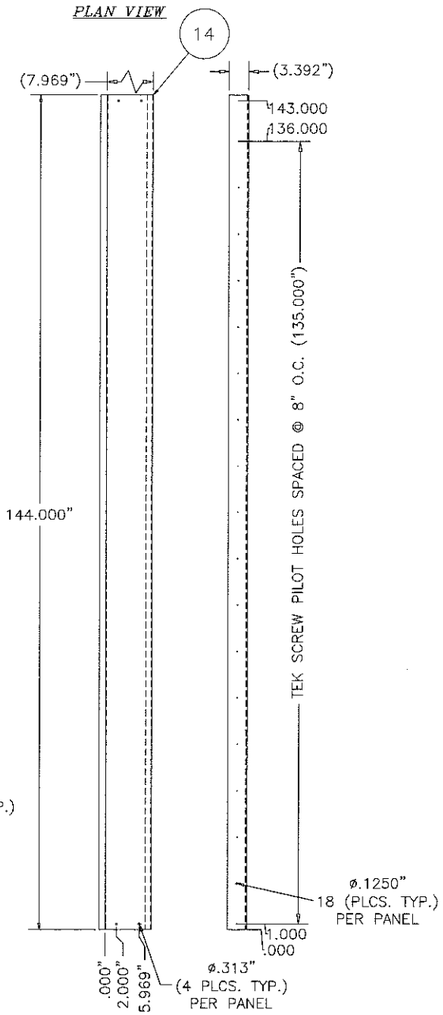
7 *WALL PANEL FRONT ELEVATION* SCALE: 1"=1'-0"



7 *WALL PANEL SIDE ELEVATION* SCALE: 1"=1'-0"



PLAN VIEW



14 *WALL PANEL FRONT ELEVATION* SCALE: 1"=1'-0"

14 *WALL PANEL SIDE ELEVATION* SCALE: 1"=1'-0"

NOTE:

1. PILOT HOLES FOR .250"Ø-14 X 1"L TEK-SCREWS (TYP. THIS PART SHOWN WHEN MECHANICAL FASTENERS ARE REQUIRED)
2. 3/8"Ø CONNECTION HOLES REQUIRED FOR MECHANICAL OR VHB CONSTRUCTIONS.
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4. ALL TAPE INSTALLATIONS ARE TO PERFORMED TO 3M SPECIFICATION OF INSTALLATIONS 3M VHB TECHNICAL BULLETIN.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 16-0811.03
Expiration Date 09/22/2021
By
Miami Dade Product Control

McCall & Young Engineering LLC
FBPE #26008
6849 Energy Ct.
Lakewood Ranch, FL 34240
(941) 907-9126

JOHN K. McCALL LICENSE No. 17201 STATE OF FLORIDA PROFESSIONAL ENGINEER 7/26/12

REV#	DESCRIPTION	BY	DATE:
REV01	REVD SHT#1 TO SHOW MAX. LOAD TEST RESULTS FROM CTL	HSK	01.24.11
REV02	REVD MAX. LOAD TEST RESULTS TO SHOWN RACK LOADS	CWM	05.31.11
REV03	REVISED DWGS TO MATCH CTL LABS SUBMITTED DWGS	CWM	06.30.11
REV04	REVISED DWGS PER MIAMI-DADE MARKUPS.	CWM	09.12.11
REV05	UPDATED "NOTES" TO FBC 2014. UPDATED TITLE BLOCK	JTN	07.15.16

TITLE PROJECT TYPE: COMPONENT PARTS
TANK LABEL: ☐UL-142 ☐UL-2085
FLORIDA D.E.P. CERTIFICATION NOS. ☐EG-013 ☐EG-025

RING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST.
JACKSONVILLE, FL 32206
PH.904.354.1858
FAX:904.354.7929

JOB# 09-7257
DRAWN BY: HSK
CHECKED BY:
DATE: 03.25.09
SCALE: N.T.S.

PHOENIX PRODUCTS
RING POWER CORPORATION DBA
1727 BENNETT STREET
JACKSONVILLE, FLORIDA 32206
MIAMI-DADE NOA
HVHZ ENCLOSURE
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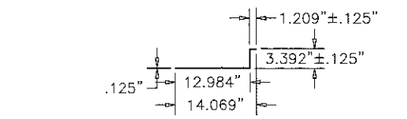
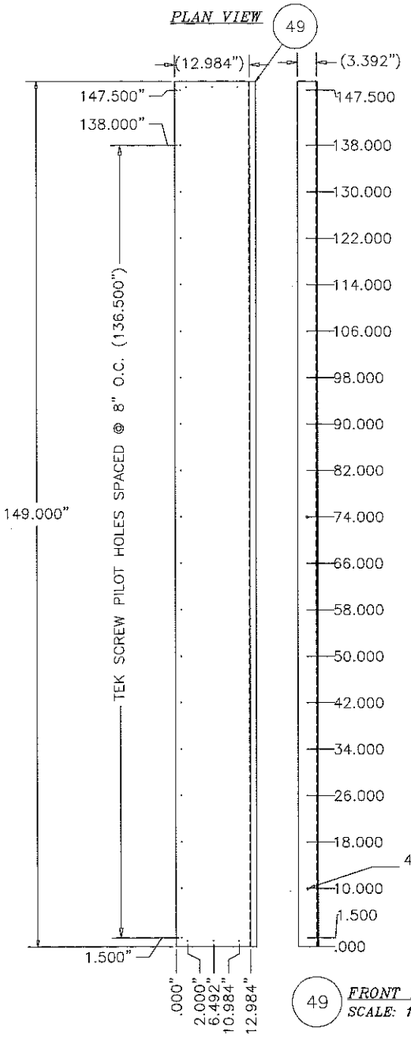
Phoenix Products

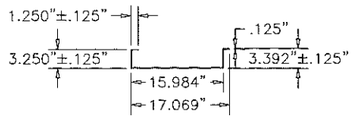
COMP2
SHEET: 9 OF13

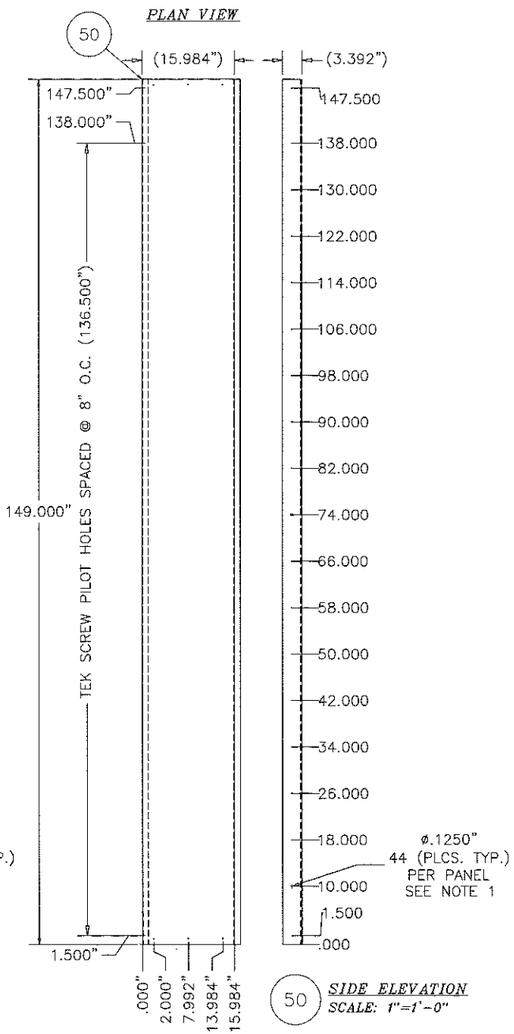




49 *FRONT ELEVATION*
SCALE: 1"=1'-0"

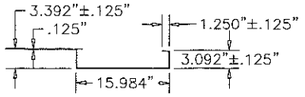
49 *ROOF STARTER PANEL*
SIDE ELEVATION
SCALE: 1"=1'-0"

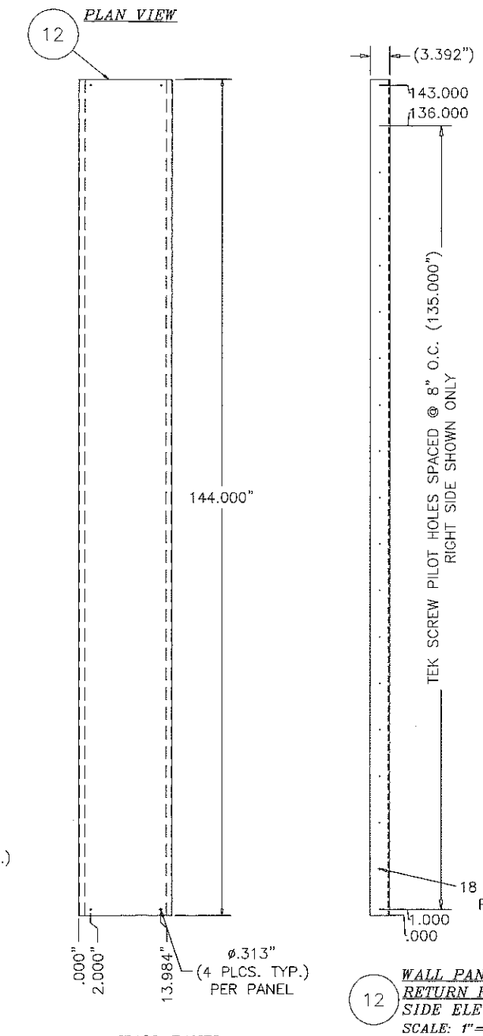




50 *SIDE ELEVATION*
SCALE: 1"=1'-0"

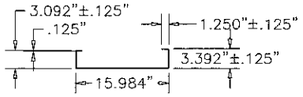
50 *ROOF PANEL*
FRONT ELEVATION
SCALE: 1"=1'-0"

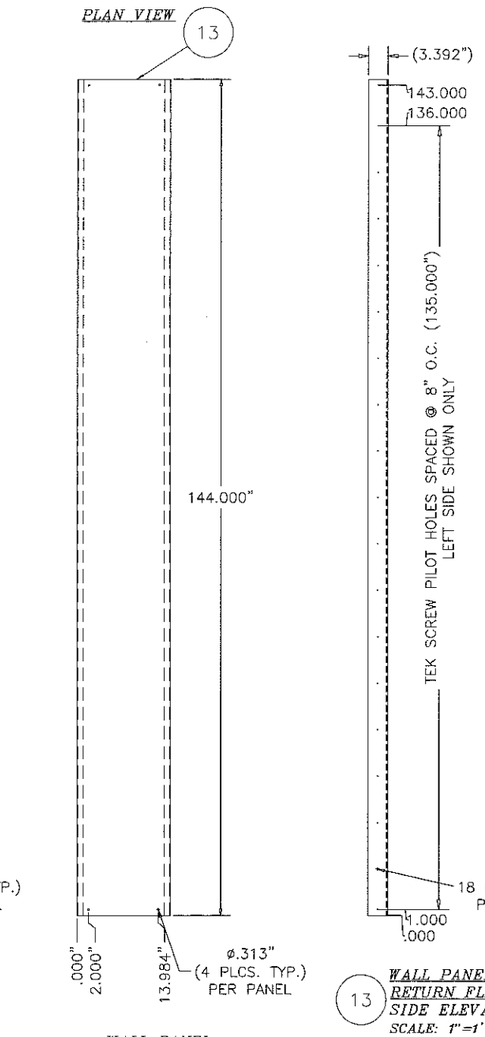




12 *WALL PANEL*
RETUTN FLANGE
FRONT ELEVATION
SCALE: 1"=1'-0"

12 *WALL PANEL*
RETURN FLANGE
SIDE ELEVATION
SCALE: 1"=1'-0"





13 *WALL PANEL*
RETUTN FLANGE
FRONT ELEVATION
SCALE: 1"=1'-0"

13 *WALL PANEL*
RETURN FLANGE
SIDE ELEVATION
SCALE: 1"=1'-0"

NOTE:

1. PILOT HOLES FOR .250"Ø-14 X 1"L TEK-SCREWS (TYP. THIS PART SHOWN WHEN MECHANICAL FASTENERS ARE REQUIRED)
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PRODUCT REVISED
as complying with the Florida
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Acceptance No 16-0811.03
Expiration Date 09/22/2021
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Miami Dade Product Control

McCall & Young Engineering LLC
FBPE #26008
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Lakewood Ranch, FL 34240
(941) 907-9126

JOHN K. McCALL
LICENSE
No. 17201
STATE OF
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7/26/16

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REV05	UPDATED "NOTES" TO FBC 2014. UPDATED TITLE BLOCK	JTN	07.15.16

TITLE PROJECT TYPE: COMPONENT PARTS
TANK LABEL: ☐ UL-142 ☐ UL-2085
FLORIDA D.E.P. CERTIFICATION NOS: ☐ EG-013 ☐ EG-625

RING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST.
JACKSONVILLE, FL. 32206
PH. 904.354.1858
FAX. 904.354.7929

JOB# 09-7257
DRAWN BY: HSK
CHECKED BY:
DATE: 03.23.09
SCALE: N.T.S.

RING POWER CORPORATION
PHOENIX PRODUCTS
1727 BENNETT STREET
JACKSONVILLE, FLORIDA 32206

MIAMI-DADE NOA
HVHZ ENCLOSURE

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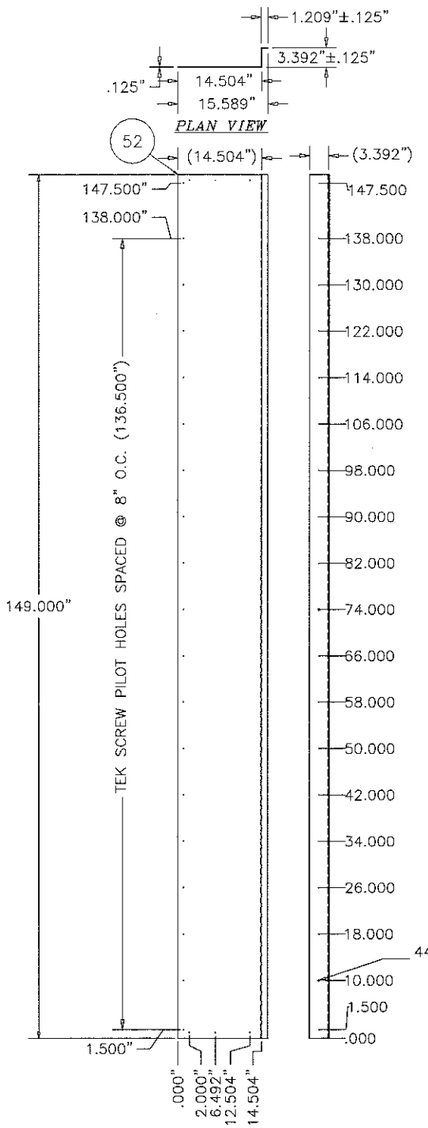
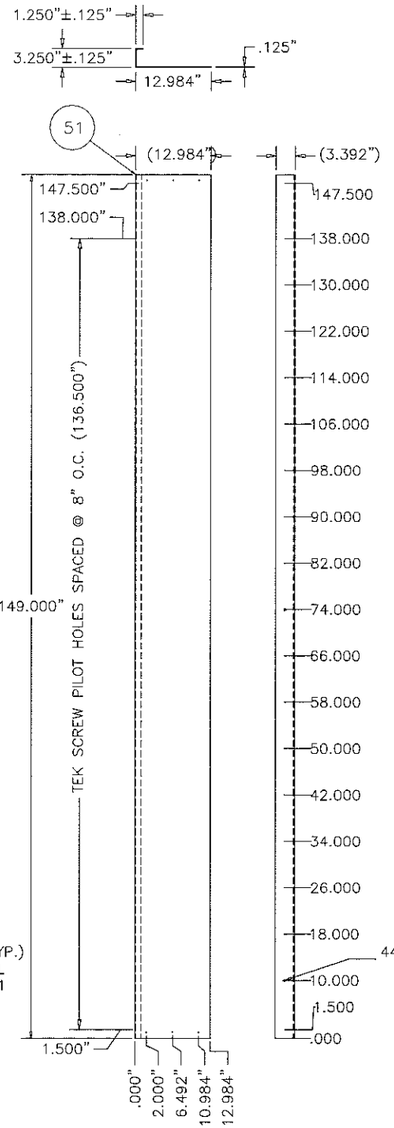
COMP3
SHEET: 10OF13



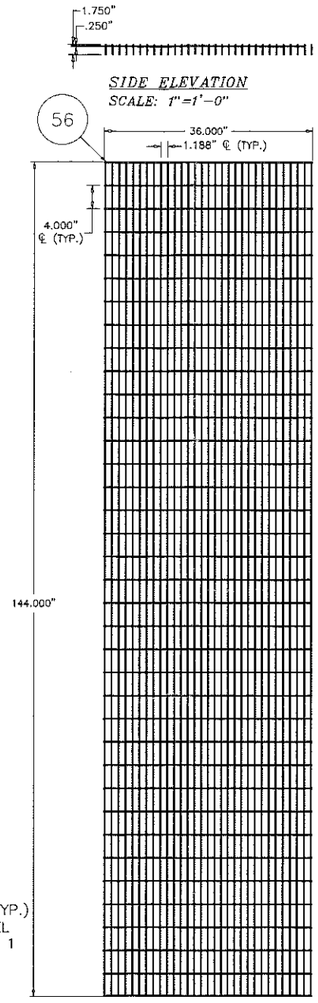
52 ROOF STARTER PANEL
SIDE ELEVATION
SCALE: 1"=1'-0"

52 FRONT ELEVATION
SCALE: 1"=1'-0"

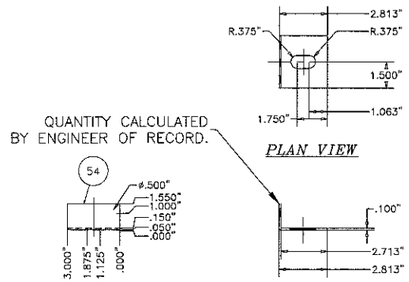


51 ROOF STARTER PANEL
SIDE ELEVATION
SCALE: 1"=1'-0"

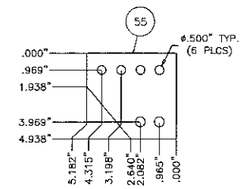
51 FRONT ELEVATION
SCALE: 1"=1'-0"



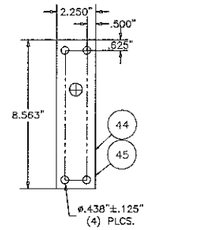
56 BAR GRATING
PLAN VIEW
SCALE: 1"=1'-0"



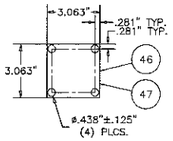
54 FRONT ELEVATION SIDE ELEVATION
ENCLOSURE TIE DOWN BRACKET#2
12 GA.-304 ASTM A240 STAINLESS STEEL
SCALE: 3" = 1'-0"



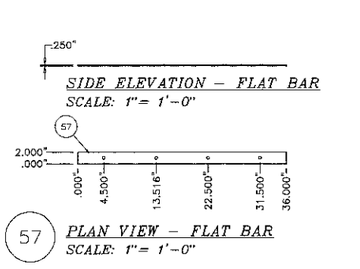
55 ELEVATION
EXTERIOR SUPPORT STRUCTURE TIE BRACKET
12 GA.-304 ASTM A240 STAINLESS STEEL
SCALE: 3" = 1'-0"



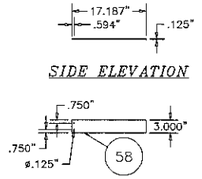
44 ELEVATION - HARDWARE
45 BACKING PLATE
SCALE: 1"= 1'-0"



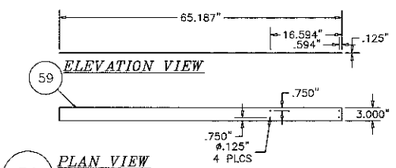
46 ELEVATION - TOP/BOTTOM LATCH
47 BACKING PLATE
SCALE: 3"= 1'-0"



57 PLAN VIEW - FLAT BAR
SCALE: 1"= 1'-0"



58 PLAN VIEW
HORIZONTAL ROOF PANEL SUPPORT
ROOF TEST-ASSEMBLY
SCALE: 1"= 1'-0"



59 PLAN VIEW
HORIZONTAL ROOF PANEL SUPPORT
ROOF TEST ASSEMBLY
SCALE: 1"= 1'-0"

PRODUCT REVISED
as complying with the Florida
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Acceptance No 16-0811.03
Expiration Date 09/22/2021
By
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FBPE #26008
6849 Energy Ct.
Lakewood Ranch, FL 34240
(941) 907-9126

JOHN K. McCALL
LICENSE
No. 17201
STATE OF
FLORIDA
7/26/16
PROFESSIONAL ENGINEER

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REV05	UPDATED "NOTES" TO FBC 2014. UPDATED TITLE BLOCK.	JTN	07.15.16

TITLE PROJECT TYPE: COMPONENT PARTS
TANK LABEL: ☐ UL-142 ☐ UL-2085
FLORIDA D.E.P. CERTIFICATION NOS: ☐ EG-613 ☐ EG-625

RING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST.
JACKSONVILLE, FL 32206
PH.904.354.1668
FAX.904.354.7929

JOB# 09-7257
DRAWN BY: HSK
CHECKED BY:
DATE: 03.25.09
SCALE: N.T.S.

RING POWER CORPORATION
PHOENIX PRODUCTS
1727 BENNETT STREET
JACKSONVILLE, FLORIDA 32206
MIAMI-DADE NOA
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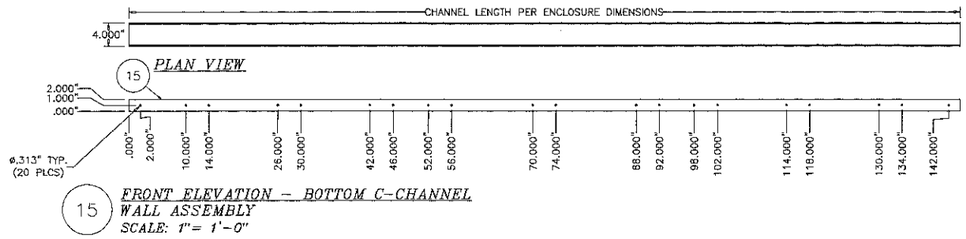
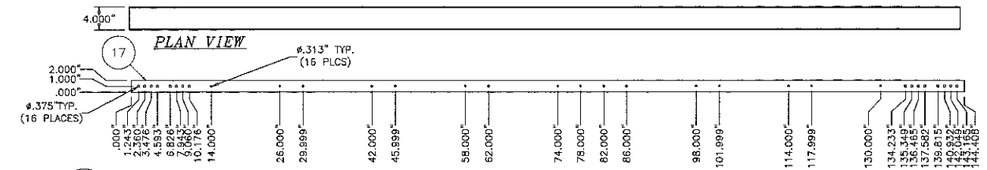
Phoenix Products

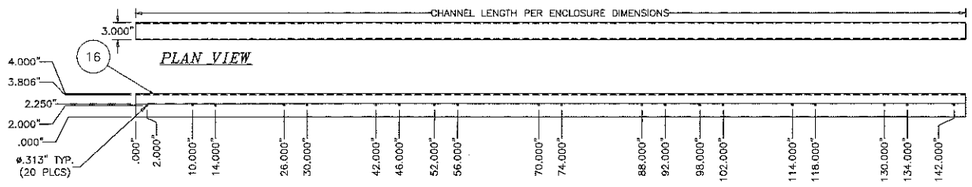
COMP4
SHEET
11OF13



15 *FRONT ELEVATION – BOTTOM C-CHANNEL WALL ASSEMBLY*
SCALE: 1"= 1'-0"

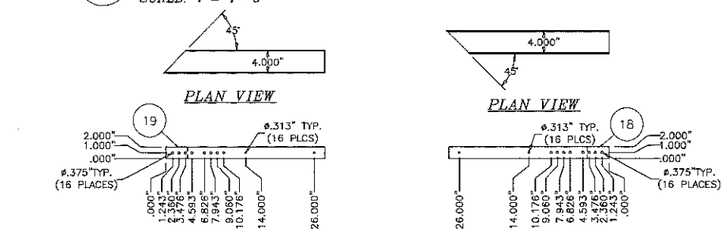


17 *FRONT ELEVATION – BOTTOM C-CHANNEL END WALL ASSEMBLY*
SCALE: 1"= 1'-0"

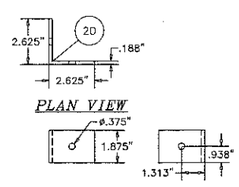


16 *FRONT ELEVATION – TOP J-CHANNEL WALL ASSEMBLY & ROOF TEST ASSEMBLY*
SCALE: 1"= 1'-0"

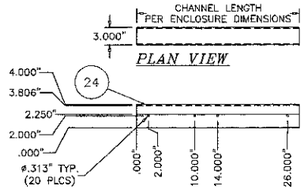
22 *FRONT ELEVATION – TOP J-CHANNEL END WALL ASSEMBLY*
SCALE: 1"= 1'-0"



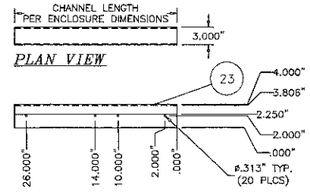
18 19 *FRONT ELEVATION – BOTTOM C-CHANNEL RETURN END WALL ASSEMBLY*
SCALE: 1"= 1'-0"



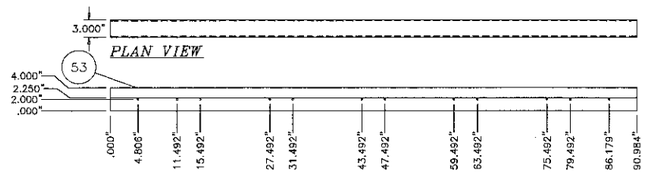
20 *SIDE ELEVATION INTERIOR CORNER BRACKET*
.190 6061T6 ASTM B221 ALUMINUM
SCALE: 3"= 1'-0"



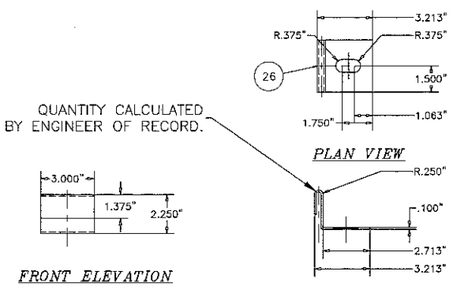
24 *FRONT ELEVATION TOP J-CHANNEL RETURN END WALL ASSEMBLY*
SCALE: 1"= 1'-0"



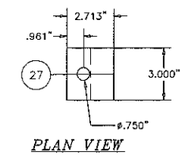
23 *FRONT ELEVATION TOP J-CHANNEL RETURN END WALL ASSEMBLY*
SCALE: 1"= 1'-0"



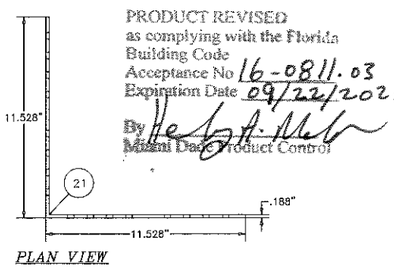
53 *FRONT ELEVATION TOP J-CHANNEL ROOF TEST ASSEMBLY*
SCALE: 1"= 1'-0"



26 *ENCLOSURE TIE DOWN BRACKET*
12 GA.-304 ASTM A240 STAINLESS STEEL



27 *ENCLOSURE BRACKET BACKING PLATE*
.250"-304 ASTM A240 STAINLESS STEEL



21 *EXTERIOR CORNER BRACKET*
.190 6061T6 ASTM B221 ALUMINUM
SCALE: 3"= 1'-0"

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Miami Dade Product Control

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REV02	REVD MAX. LOAD TEST RESULTS TO SHOWN RACK LOADS	CWM	05.31.11
REV03	REVISED DWGS TO MATCH CTL LABS SUBMITTED DWGS	CWM	06.30.11
REV04	REVISED DWGS PER MIAMI-DADE MARKUPS.	CWM	09.12.11
REV05	UPDATED "NOTES" TO FBC 2014, UPDATED TITLE BLOCK	JTN	07.15.16

TITLE PROJECT TYPE: COMPONENT PARTS
TANK LABEL: ☐ UL-142 ☐ UL-2085
FLORIDA D.E.P. CERTIFICATION NOS. ☐ ED-013 ☐ ED-025
RING POWER CORPORATION DBA PHOENIX PRODUCTS
1727 BENNETT ST. PH.904.354.1858
JACKSONVILLE,FL 32206 FAX.904.354.7829

JOB# 09-7257
DRAWN BY: HSK
CHECKED BY:
DATE: 03.25.09
SCALE: N.T.S.

RING POWER CORPORATION
PHOENIX PRODUCTS
1727 BENNETT STREET
JACKSONVILLE, FLORIDA 32206
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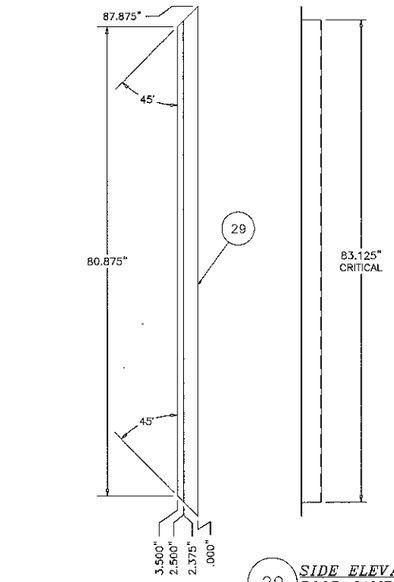
MIAMI-DADE NOA
HVHR ENCLOSURE

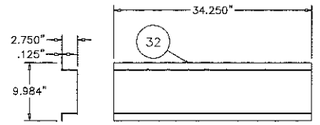
Phoenix Products

COMP5
SHEET: 12OF13



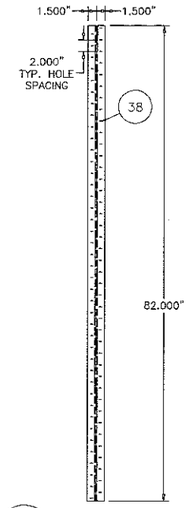
29 *EXTERIOR ELEVATION*
DOOR JAMB
SCALE: 1"= 1'-0"

29 *SIDE ELEVATION*
DOOR JAMB
SCALE: 1"= 1'-0"

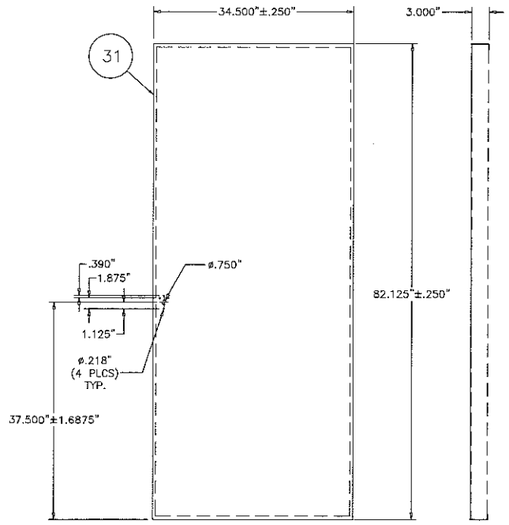


PROFILE

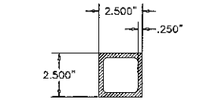
32 *ELEVATION – INTERNAL DOOR BRACE*
SCALE: 1"= 1'-0"



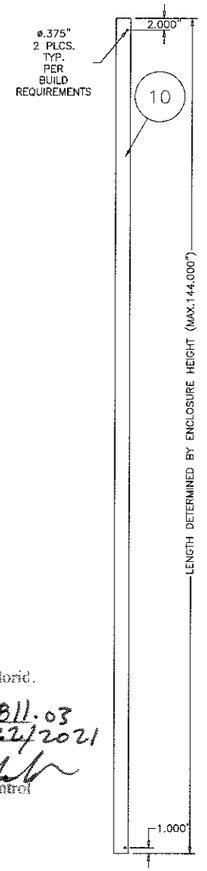
38 *ELEVATION – HINGE*
SCALE: 1"= 1'-0"



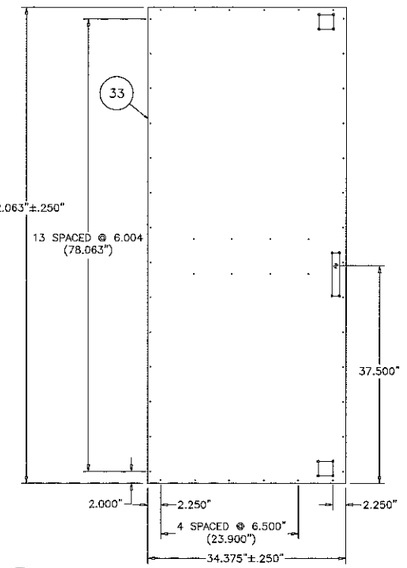
31 *EXTERNAL ELEVATION*
DOOR PANEL OUTER SKIN
SCALE: 1"= 1'-0"



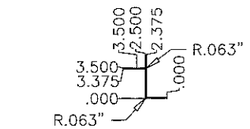
10 *PLAN VIEW*
VERTICAL TUBE SUPPORT
SCALE: 3"= 1'-0"



10 *FRONT ELEVATION*
VERTICAL TUBE SUPPORT
SCALE: 1"= 1'-0"

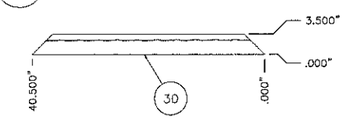


33 *INTERNAL ELEVATION – DOOR INNER SKIN*
SCALE: 1"= 1'-0"

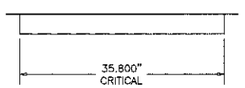


29 *TYPICAL PLAN VIEW*
DOOR JAMB PROFILE
SCALE: 1-1/2"= 1'-0"

30



30 *EXTERIOR ELEVATION*
DOOR JAMB
SCALE: 1"= 1'-0"



30 *SIDE ELEVATION*
DOOR JAMB
SCALE: 1"= 1'-0"

**OPTIONAL HARDWARE DOOR*
31 *EXTERNAL ELEVATION*
DOOR PANEL OUTER SKIN
SCALE: 1"= 1'-0"

PRODUCT REVISED
as complying with the Florid.
Building Code
Acceptance No 16-0811.03
Expiration Date 09/22/2021
By
Miami Dade Product Control

McCall & Young Engineering LLC
FBPE #26008
6849 Energy Ct.
Lakewood Ranch, FL 34240
(941) 907-9126

JOHN K. McCALL
LICENSE
No. 17201
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
7/26/16

REV#	DESCRIPTION	BY	DATE:
REV01	REVD SHT#1 TO SHOW MAX. LOAD TEST RESULTS FROM CTL	HSK	01.24.11
REV02	REVD MAX. LOAD TEST RESULTS TO SHOWN RACK LOADS	CWM	05.31.11
REV03	REVISED DWGS TO MATCH CTL LABS SUBMITTED DWGS	CWM	06.30.11
REV04	REVISED DWGS PER MIAMI-DADE MARKUPS.	CWM	09.12.11
REV05	UPDATED "NOTES" TO FBC 2014, UPDATED TITLE BLOCK	JTN	07.15.16

TITLE PROJECT TYPE: COMPONENT PARTS
TANK LABEL: ☐UL-142 ☐UL-2085
FLORIDA D.E.P. CERTIFICATION NOS. ☐EQ-013 ☐EQ-625

RING POWER CORPORATION DBA PHOENIX PRODUCTS
1747 BENNETT ST.
JACKSONVILLE, FL 32206
PH.904.354.1856
FAX.904.354.7929

JOB# 09-7257
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PHOENIX PRODUCTS
1747 BENNETT STREET
JACKSONVILLE, FLORIDA 32206

MIAMI-DADE NOA
HVHZ ENCLOSURE

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Phoenix Products

COMP6
SHEET:
130F13