

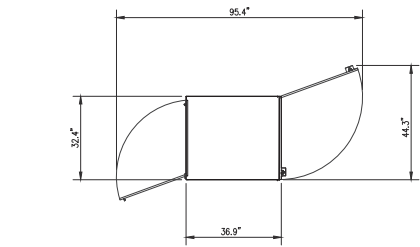
SUBMITTALS		
DATE	DESCRIPTION	REV.
11-22-2022	CONSTRUCTION REVIEW	A
01-30-2023	CONSTRUCTION	0
12-09-2024	REV. PER 03/12/2024 RFDS	1
12-18-2024	REMOVE FUTURE ANTENNA	2
02-28-2025	ADD GAS DESIGN	3
04-16-2025	REVIEW REDLINES	4
06-09-2025	REMOVE GENERATOR	5

PROJECT NO:	1152.443
DESIGNER:	M.A.
ENGINEER:	C.S.
THESE DRAWINGS ARE FORMATTED TO BE FULL-SIZE AT 22"X34"	
GRAPHIC SCALE IN INCHES	
SHEET TITLE:	

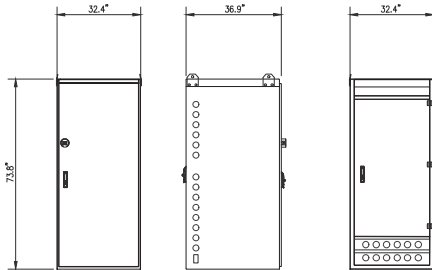
EQUIPMENT DETAILS

SHEET NUMBER:

S-4



TOP VIEW



FRONT VIEW

SIDE VIEW

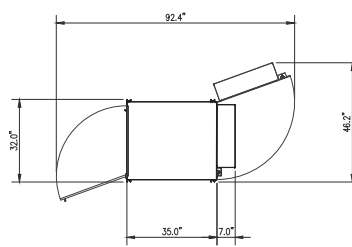
BACK VIEW

MODEL NUMBER 72B5-P1-A00010-BH
EMPTY CABINET WEIGHT: 810 LBS
FULLY LOADED CABINET WEIGHT: 3,630 LBS

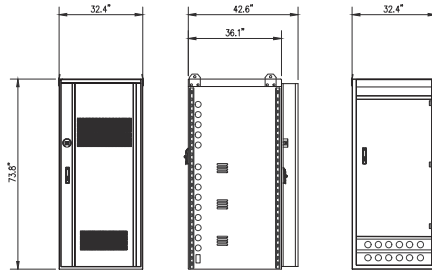
OMNION VRLA CMC72-32B BATTERY CABINET DETAIL

SCALE: 1/2"=1'-0"

1
S-4



TOP VIEW



FRONT VIEW

SIDE VIEW

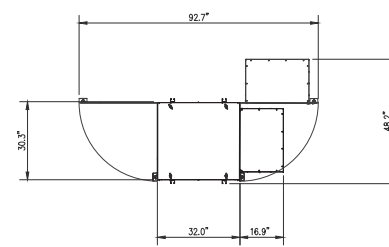
BACK VIEW

MODEL NUMBER 72B3-T7-A00028-BH
EMPTY CABINET WEIGHT: 890 LBS
FULLY LOADED CABINET WEIGHT: 3,018 LBS

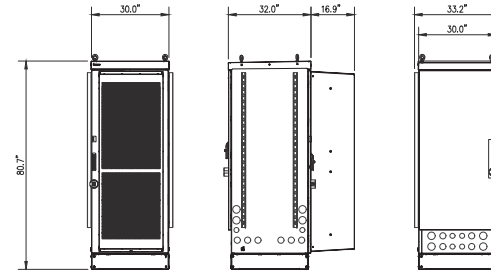
OMNION VRLA CMC72-32C COMBO CABINET DETAIL

SCALE: 1/2"=1'-0"

2
S-4



TOP VIEW



FRONT VIEW

SIDE VIEW

BACK VIEW

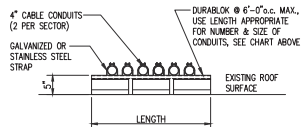
MODEL NUMBER RRYOC-38U23-800HEX
EMPTY CABINET WEIGHT: 728 LBS
FULLY LOADED CABINET WEIGHT: ----- LBS

RAYCAP RAY-38 RADIO CABINET DETAIL

SCALE: 1/2"=1'-0"

3
S-4

DURABLOK DB SERIES LENGTH CHART	
PART NUMBER	LENGTH
DB5	4.9"
DB10	9.6"
DB20	20.2"
DB30	30.8"
DB40	41.4"

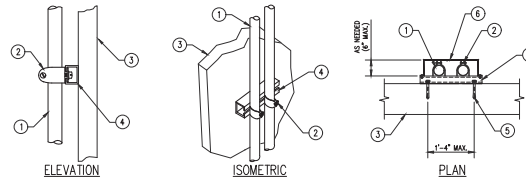


CABLE CONDUIT SUPPORT DETAIL

SCALE: 3/4"=1'-0"

4
S-4

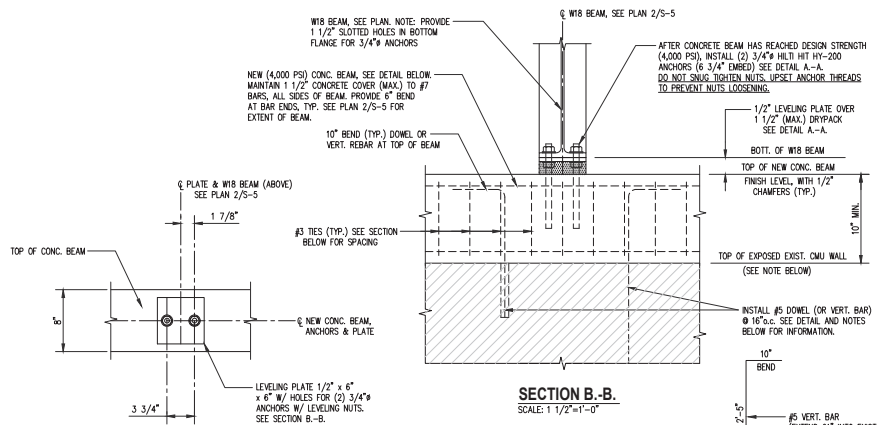
NOTES:	
1. USE STANDARD STAINLESS STEEL HARDWARE FOR WALL CONNECTIONS.	
2. SPACE SUPPORTS @ 4'-0" ON CENTER MAXIMUM.	
3. DETAIL APPLIES TO BOTH VERTICAL AND HORIZONTAL CONDUIT RUNS.	
4. COVER NOT SHOWN IN ELEVATION & ISOMETRIC VIEWS FOR CLARITY	
UNISTRUT MOUNTING CHART	
WALL CONSTRUCTION TYPE	USE
HOLLOW	3/8" TOGGLE BOLT
HOLLOW, AT STUD	3/8" LAG SCREW
CONCRETE BLOCK (HOLLOW)	3/8" HLT HY-70 (MIN. EMBEDMENT 2-1/2")
CONCRETE (SOLID)	3/8" HLT HY-200 (MIN. EMBEDMENT 2-1/2")



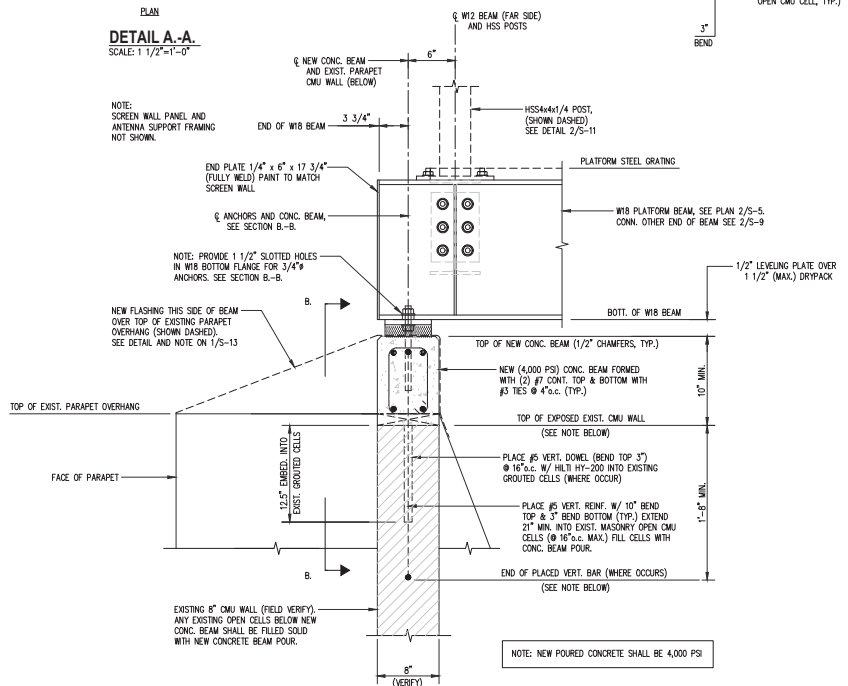
COVERED CONDUIT OR CONDUIT ON WALL DETAIL

SCALE: 3/4"=1'-0"

5
S-4



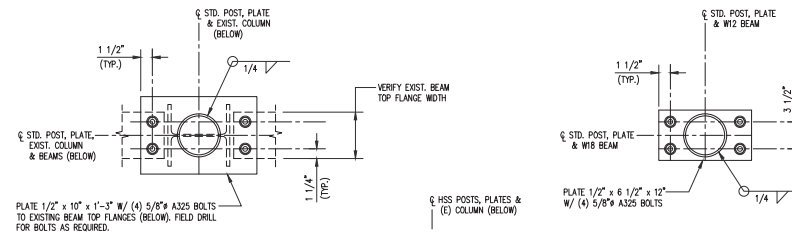
DETAIL A-A.
SCALE: 1 1/2"=1'-0"



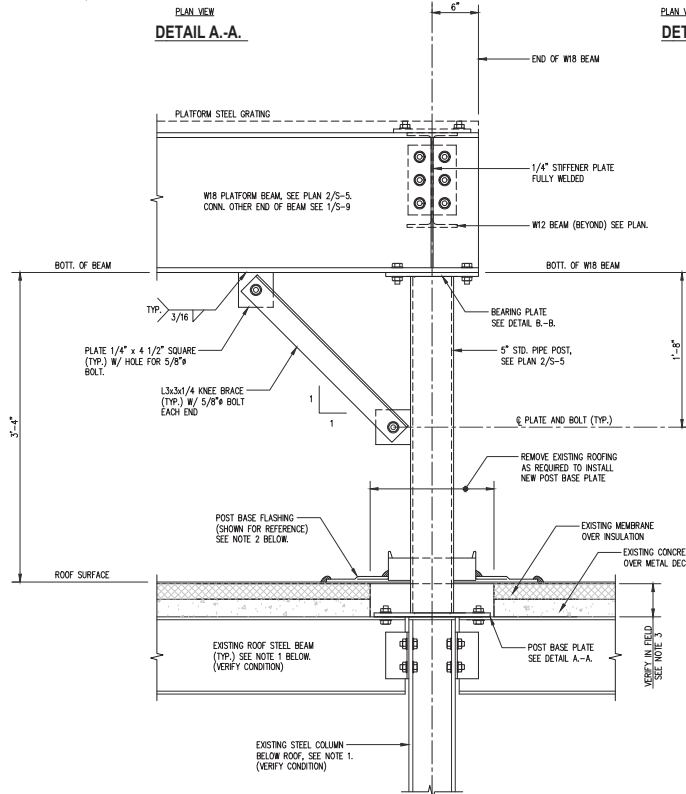
- NOTES:**
1. REMOVE EXISTING FLASHING AND WOOD WALKER AT TOP OF EXISTING PARAPET AS REQUIRED TO EXPOSE TOP OF EXISTING PARAPET CMU WALL. INSTALL #6 VERTICAL REINFORCING INTO UNGROUTED CMU CELLS WHERE OCCUR. (SEE DETAIL). INSTALL DRILLED ADHESIVE #5 DOWEL INTO TOP OF EXISTING GROUTED CELLS, TYP. (SEE DETAIL).

W18 PLATFORM BEAM TO PARAPET WALL CONNECTION DETAILS
SCALE: 1 1/2"=1'-0"

1
S-9



DETAIL B-B.
SCALE: 1 1/2"=1'-0"



- NOTES:**
1. CONDITION AT TOP OF COLUMN IS NOT KNOWN, AND ASSUMED TO HAVE A COLUMN CAP PLATE, OR STEEL BEAM MAY BE CONTINUOUS OVER THE TOP OF COLUMN. VERIFY PRIOR TO CONSTRUCTION START, AND CONTACT ENTREX TO REPORT EXISTING CONDITION.
 2. EXISTING AND PROPOSED WATER PROOFING IS NOT SHOWN FOR CLARITY. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE BUILDING OWNER'S ROOF CONTRACTOR WHO WILL COMPLETE ALL WORK ASSOCIATED WITH THE ROOF. THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE BUILDING OWNER'S ROOF CONTRACTOR BEFORE INSTALLATION OF ANY ROOF.
 3. VERIFY DEPTH OF INSULATION AT POST LOCATION, AND FIELD OUT LENGTH OF POST AS NEEDED. POST SHALL BE FIELD WELDED TO BASE PLATE AFTER REQUIRED PIPE LENGTH HAS BEEN DETERMINED. THE FIELD WELDING CAN BE DONE AT GROUND LEVEL TO AVOID WELDING ON ROOF.

PLATFORM POST BASE CONNECTION DETAILS
SCALE: 1 1/2"=1'-0"

2
S-9



9000 MENDENHALL CT
COLUMBIA, MD 21045

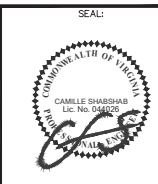


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ANNAPOLIS, MD 21401
PHONE: (410) 582-8843

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527 E MAPLE AVE
VIENNA, VA 22180



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DESIGNER: M.A.
ENGINEER: C.S.

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0 1/2 1
GRAPHIC SCALE IN INCHES

SHEET TITLE:
EQUIPMENT PLATFORM STRUCTURAL DETAILS

SHEET NUMBER:
S-9