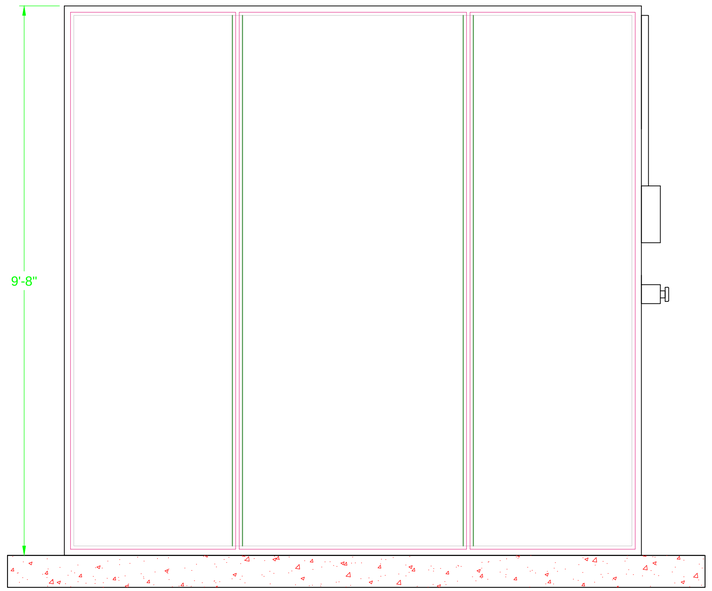
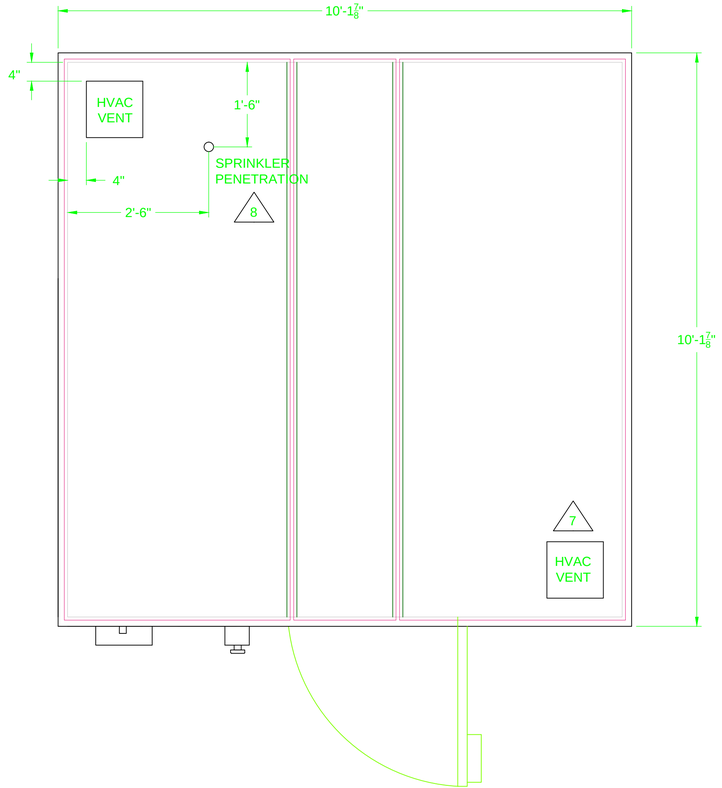
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



ELEV B

B



A

TEST CHAMBER PLAN VIEW

NOTES:

1. TEST CHAMBER OUTSIDE DIMENSIONS ARE 122 X 122 X 116 IN HIGH (3.1 X 3.1 X 3.0 M HIGH). RECOMMENDED FLOOR PLAN PROVIDES 72 IN (1.8M) CLEARANCE IN FRONT OF TEST CHAMBER, AND 18 IN (0.6m) CLEARANCE ABOVE TEST CHAMBER.

2. TEST CHAMBER IS A STAND-ALONE MODULAR SHIELDED CHAMBER LINED WITH RF ANECHOIC MATERIAL. TOTAL SYSTEM WEIGHT IS 5500 LB (2500 KG). MAXIMUM FLOOR LOAD IS 140 LB/SQ FT (670 KG/SQ M).

3. FLOOR SURFACE BENEATH CHAMBER MUST BE SMOOTH AND FLAT TO WITHIN 1/8 IN OVER 10 FT (3 MM OVER 3 M).

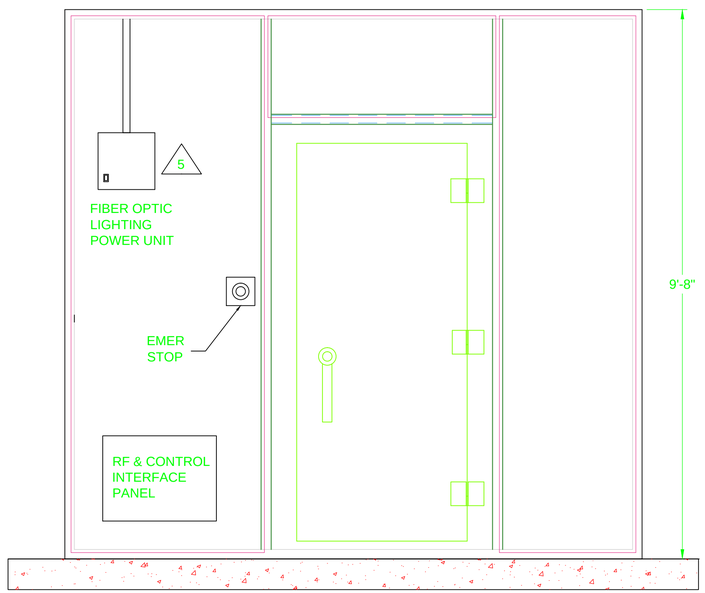
4. TEST CHAMBER MUST BE CONNECTED TO ELECTRICAL GROUND. A GROUNDING STUD IS PROVIDED WITH THE CHAMBER AND CAN BE FIELD INSTALLED AT A CONVENIENT LOCATION. EXTERNAL CONNECTION TO STUD IS BY OTHERS.

5. CHAMBER LIGHTING IS PROVIDED BY A FIBER OPTIC LIGHTING SYSTEM. A 120V/15A/1PH OR 240V/10A/1PH RECEPTACLE AND SWITCH MUST BE PROVIDED FOR POWER CONNECTION. BY OTHERS.

6. SYSTEM RF AND CONTROL CABLING IS ROUTED TO LEFT OR RIGHT FRONT CORNER OF TEST CHAMBER. AN EQUIPMENT RACK OR TABLE IS REQUIRED TO SUPPORT THE SYSTEM CONTROLLER AND RF EQUIPMENT. A DEDICATED 120V/20A/1PH OR 240V/10A/1PH ELECTRICAL CIRCUIT TERMINATING IN A STANDARD QUAD RECEPTACLE IS REQUIRED TO POWER MEASUREMENT EQUIPMENT AND SHOULD BE PERMANENTLY INSTALLED IN THIS AREA. BY OTHERS.

7. HVAC VENTS ARE 12 IN (30.5 CM) SQUARE AND HAVE SHEET METAL FLANGES FOR ATTACHMENT OF DUCTING. DUCTING IS NOT REQUIRED FOR RETURN VENT. STANDARD OFFICE AIR SUPPLY VOLUME IS SUFFICIENT FOR TEST CHAMBER. EXTERNAL DUCTING IS BY OTHERS.

8. A SPRINKLER PENETRATION IS PROVIDED IN THE CHAMBER CEILING. CONNECTION IS 1" NPTF. CONNECTION TO SPRINKLER PIPING IS BY OTHERS.



ELEV A

HOWLAND PROPRIETARY

This document contains information proprietary to The Howland Company, Inc.
Such information shall not be copied in whole or in part, published, disclosed to others, or used for any other purpose without the express written consent of The Howland Company.

FIND NO	QTY REQD	CAGE CODE	PART OR IDENT NO	NOMENCLATURE OR DESCRIPTION	NEXT ASSY	USED ON

PARTS LIST

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMAL ANGULAR
X ±.050 ±0.5°
.XX ±.030
.XXX ±.010

THIRD ANGLE PROJECTION

THE HOWLAND COMPANY, INC.
4540 Atwater Court, Suite 107 Buford, GA 30518
678-546-5680 www.atds-howland.com

TITLE
3100D WIRELESS TEST LAB
FACILITY INTERFACE CONTROL DRAWING

		DATE
APVD		
DWN	CWS	19MAR13
DSGN	CWS	19MAR13

SIZE	CAGE CODE	DWG NO	REV
D	5V978	P0040300	

SCALE 3/4"=1' SHEET 1 OF 1