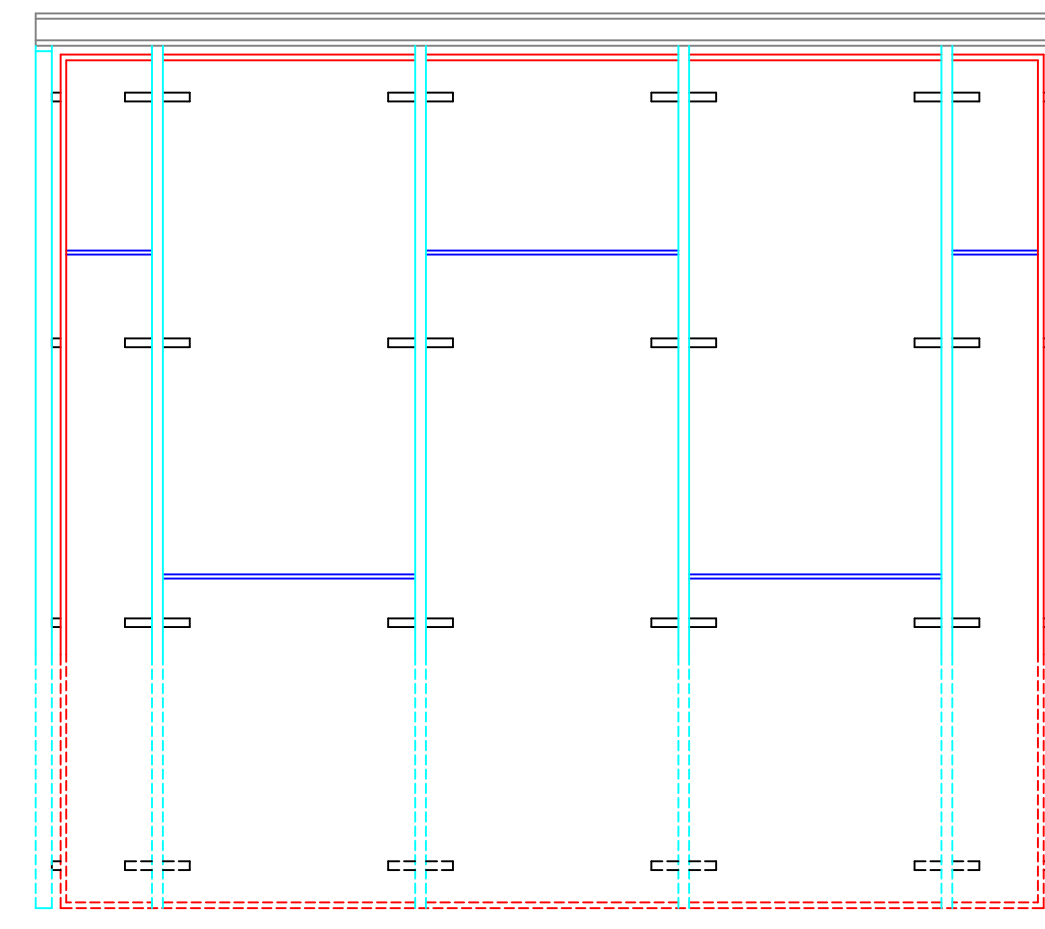
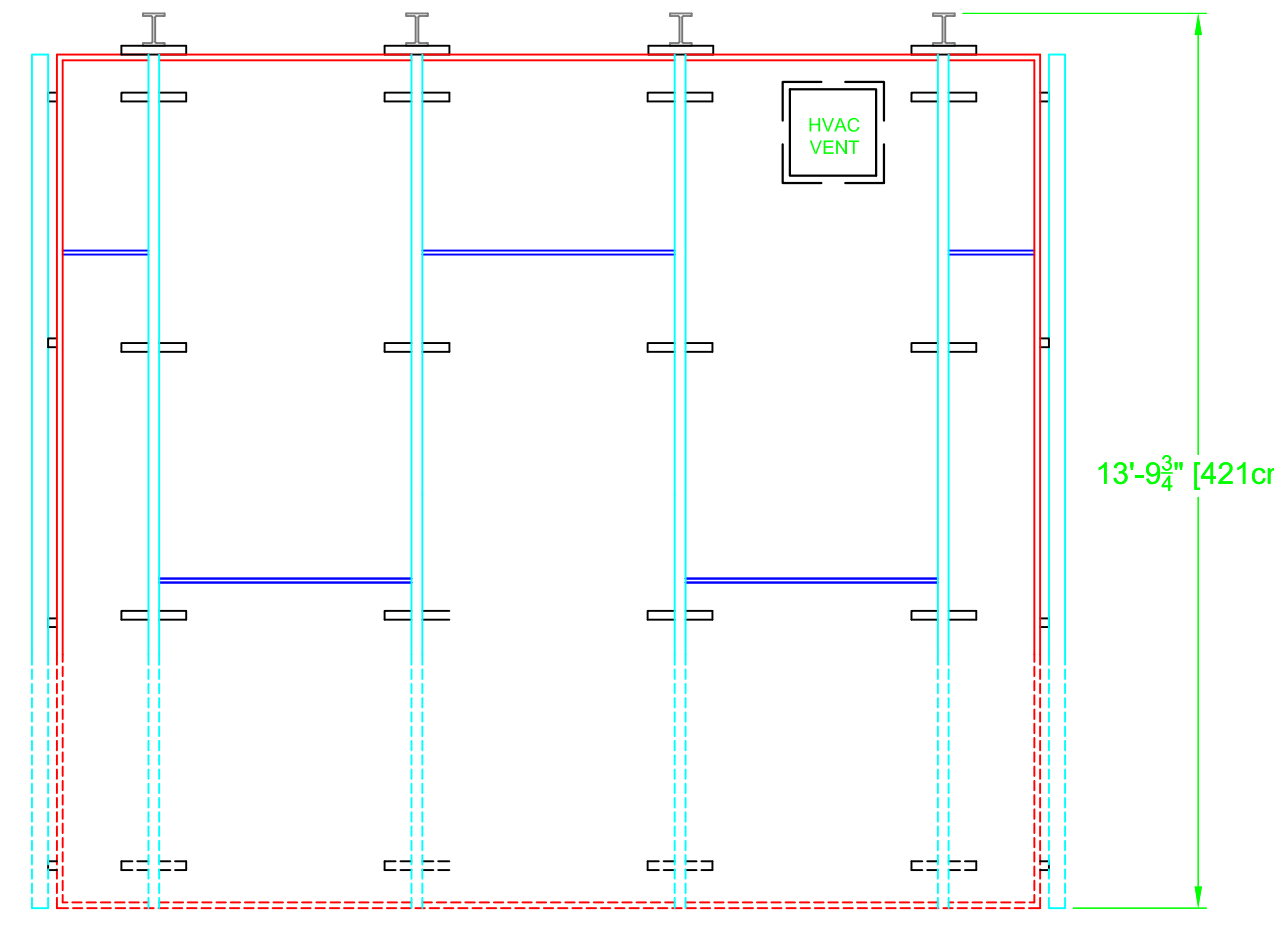


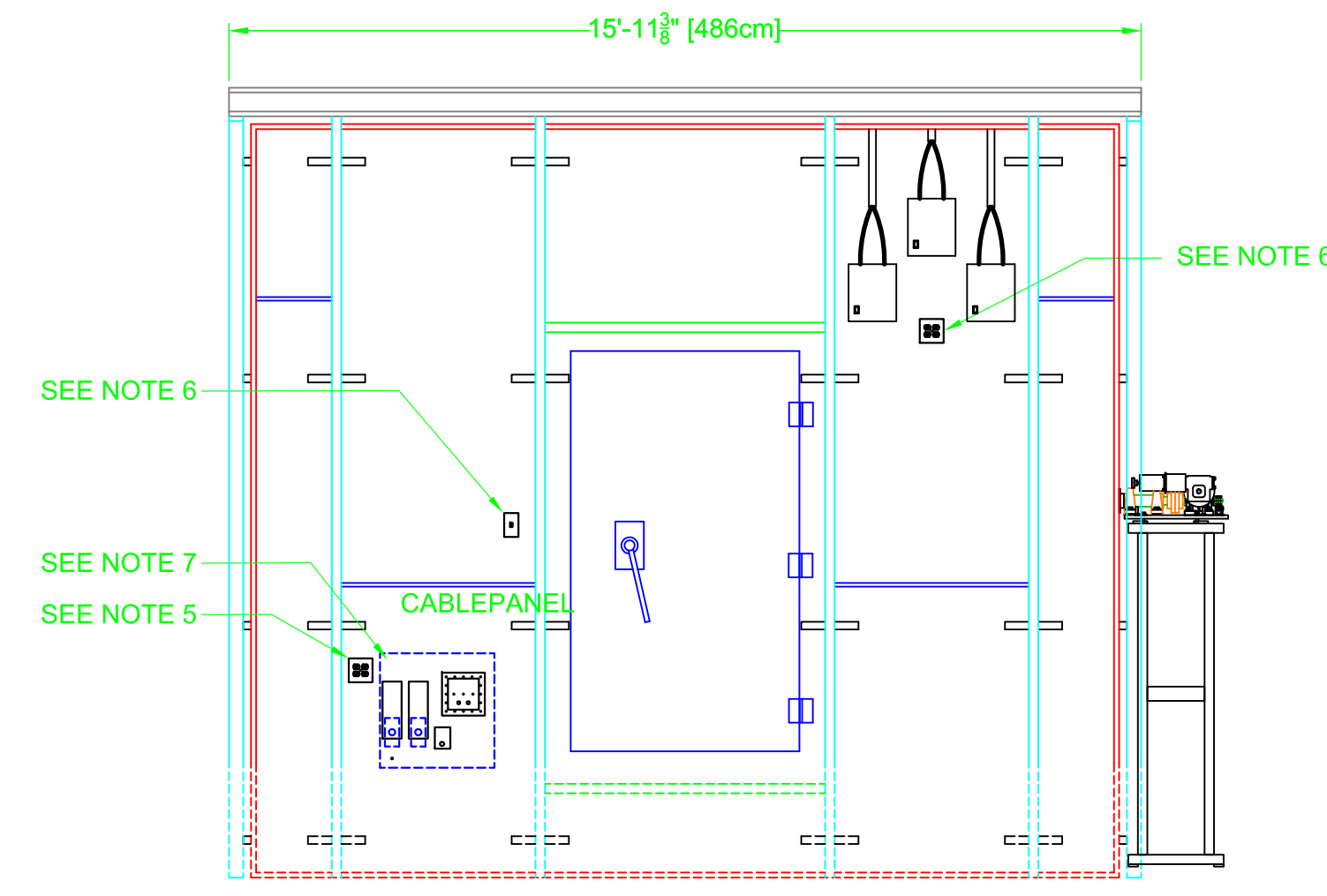
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED



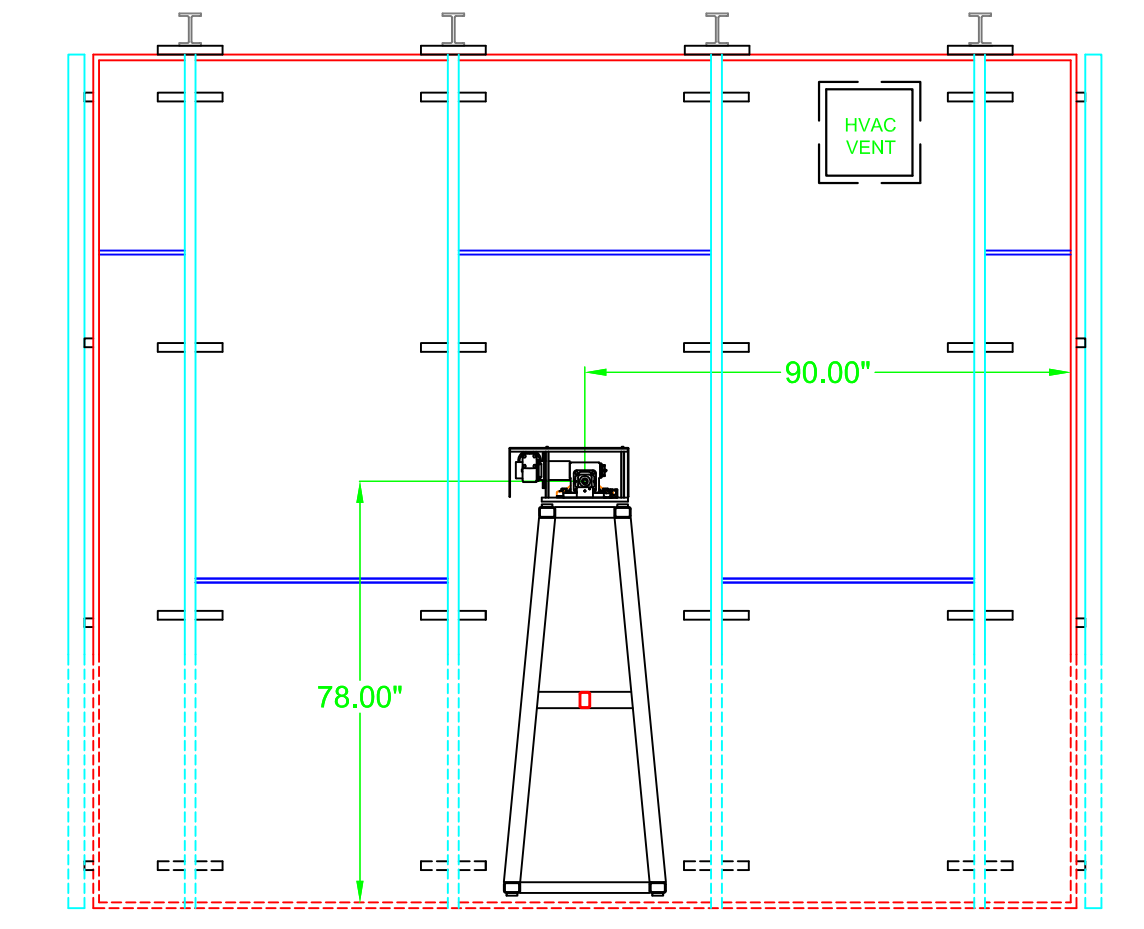
ELEVATION A



ELEVATION B



ELEVATION C



ELEVATION D

NOTES:

GENERAL:

- TEST CHAMBER OUTSIDE DIMENSIONS ARE 192 X 192 X 190 IN HIGH (4.9 X 4.9 X 4.8 M HIGH).
- TEST CHAMBER IS A STAND-ALONE MODULAR SHIELDED CHAMBER LINED WITH RF ANECHOIC MATERIAL. TOTAL SYSTEM WEIGHT IS 15000 LB (6800 KG). MAXIMUM FLOOR LOAD IS 265 LB/SQ FT (1252 KG/SQ M).
- FLOOR SURFACE BENEATH CHAMBER MUST BE SMOOTH AND FLAT TO WITHIN 1/8 IN OVER 10 FT (3 MM OVER 3 M), NON-ACCUMULATING.

ELECTRICAL:

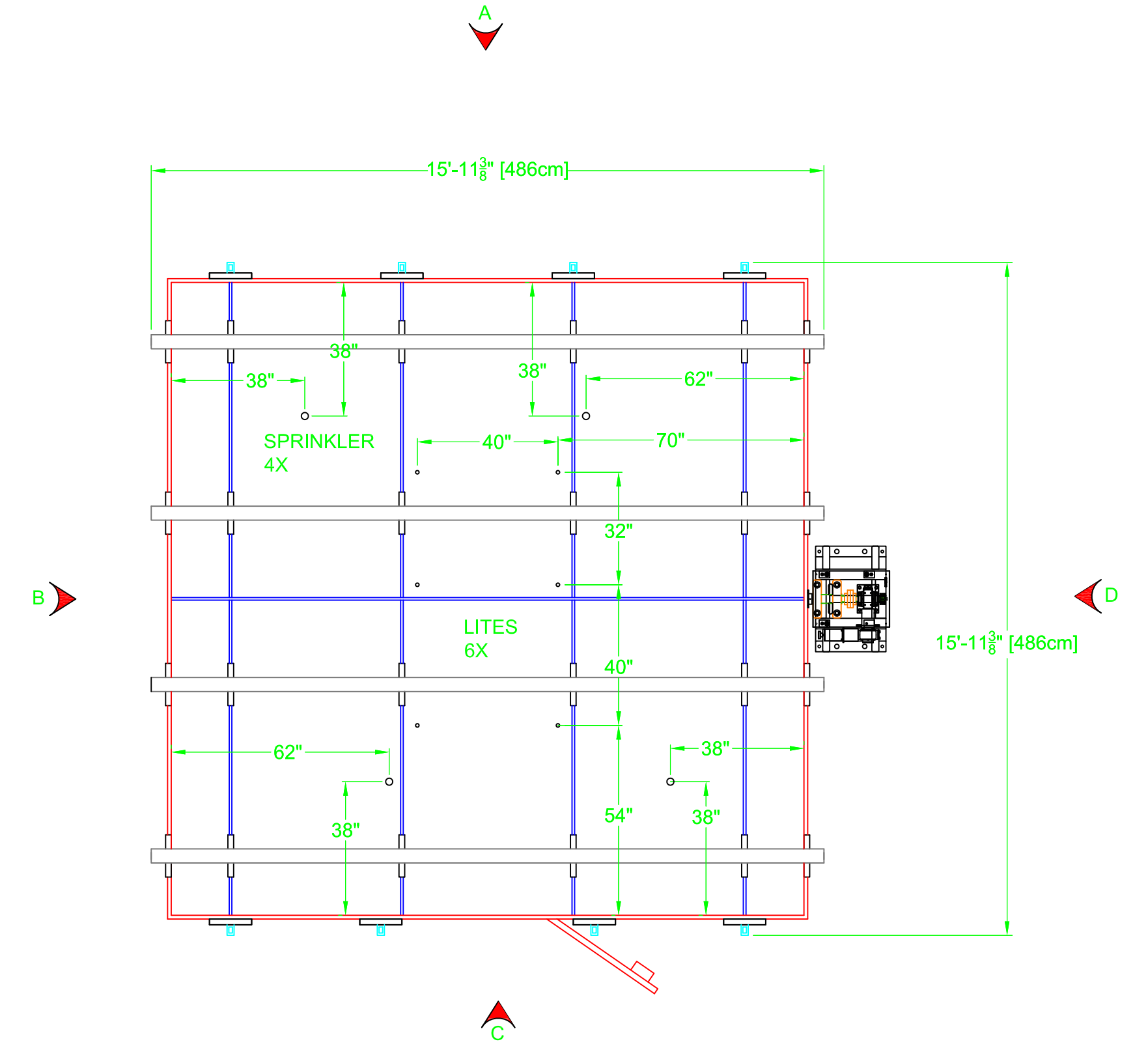
- TEST CHAMBER MUST BE CONNECTED TO HOST BUILDING ELECTRICAL GROUND. A GROUNDING STUD IS PROVIDED WITH THE CHAMBER AND WILL BE FIELD INSTALLED AT A CONVENIENT LOCATION.
- SYSTEM RF AND CONTROL CABLING IS ROUTED TO THE FRONT LEFT SIDE OF THE TEST CHAMBER. AN EQUIPMENT RACK OR TABLE IS REQUIRED TO SUPPORT THE SYSTEM CONTROLLER AND RF EQUIPMENT. TWO DEDICATED ELECTRICAL CIRCUITS ARE REQUIRED TO POWER INSTRUMENTATION EQUIPMENT.
- CHAMBER LIGHTING IS PROVIDED BY FIBER OPTIC LITE PIPES. A DEDICATED ELECTRICAL CIRCUIT IS REQUIRED TO POWER LIGHTING ILLUMINATORS. THE POWER GOING TO THE OUTLET BOX FOR THE LIGHT BOXES IS SWITCHED USING A SWITCH LOCATED ON THE LEFT SIDE OF THE DOOR.
- CHAMBER INTERNAL POWER IS PROVIDED THROUGH A LINE FILTER TO ENSURE ISOLATION AND SHIELDING. INTERNAL POWER SHOULD BE PROVIDED USING A DEDICATED ELECTRICAL CIRCUIT.

HVAC:

- HVAC SUPPLY/RETURN DUCTS ARE 12 IN SQUARE AND HAVE SHEET METAL FLANGES FOR ATTACHMENT OF DUCTING. DUCTING IS NOT REQUIRED FOR RETURN VENT. 70 - 100 CFM AIRFLOW IS SUFFICIENT FOR TEST CHAMBER.

FIRE PROTECTION:

- SPRINKLER DROP PIPES AND HEADS ARE PRE-INSTALLED IN THE CHAMBER. A 1" PIPE NIPPLE EXTENDS THRU THE CHAMBER CEILING TO ALLOW CONNECTION OF EACH SPRINKLER TO THE HOST BUILDING WATER SUPPLY.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES:

	DECIMAL	ANGULAR
X	±.050	±0.5°
.XX	±.030	
.XXX	±.010	

THIRD ANGLE PROJECTION

<p>THE HOWLAND COMPANY, INC. 4540 Atwater Court, Suite 107 Buford, GA 30518 678-546-5680 www.thehowlandcompany.com</p>			
<p>TITLE 4100RH WIRELESS TEST LAB FACILITY INTERFACE CONTROL DRAWING</p>			
APVD	DATE	SIZE	CAGE CODE
DWN JPM	DATE 5/20/10	D	5V978
DSGN	DATE 6/26/09	SCALE	NTS
DWG NO P0090225		REV	
SHEET 1 OF 1			