NOTES:

GENERAL:
1. TEST CHAMBER OUTSIDE DIMENSIONS ARE 152 X 152 X 190 IN HIGH (4 X 4 X 5 M HIGH).
2. TEST CHAMBER IS A STAND-ALONE MODULAR SHIELDED CHAMBER LINED WITH RF ABSORBING MATERIAL. TOTAL SYSTEM WEIGHT IS 10000 LB (4540 KG). MAXIMUM FLOOR LOAD IS 205 LB/SG FT (1000 KG/SQ M).
3. FLOOR SURFACE BENEATH CHAMBER MUST BE SMOOTH AND FLAT TO WITHIN 1 IN OVER 10 FT (3 MM OVER 3 M), NON-ACCUMULATING.

ELECTRICAL:
4. TEST CHAMBER MUST BE CONNECTED TO HOST BUILDING ELECTRICAL GROUND. A GROUNDING STUD B PROVIDE WITH THE CHAMBER AND WILL BE FIELD INSTALLED AT A CONVENIENT LOCATION.
5. SYSTEM RF AND CONTROL CABLING B 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.
6. DEDICATED ELECTRICAL CIRCUITS ARE REQUIRED TO POWER INSTRUMENTATION EQUIPMENT.
7. CHAMBER LIGHTING IS PROVIDED BY FIBER OPTIC LITE PIPES. A DEDICATED ELECTRICAL CIRCUIT IS REQUIRED TO POWER LIGHTING ILLUMINATORS. THE POWER GOES TO THE OUTLET BOX FOR THE LIGHT BOXES IS SWITCHED USING A SWITCH LOCATED ON THE LEFT SIDE OF THE DOOR.
8. 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:
9. 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 - 120 CFM AIRFLOWS IS SUFFICIENT FOR TEST CHAMBER.

FIRE PROTECTION:
10. 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.