



PROJECT NORTH
FLOOR PLAN
 SCALE: 1/4" = 1'-0"

NOTE
 ALL EQUIPMENT WITHIN APPLIANCE/EQUIPMENT DISPLAY 102 WILL BE VISIBLE TO THE PUBLIC. THE CONTRACTOR SHALL INSTALL ALL PIPING, DUCTWORK, CONDUITS, INSULATION, ETC. THAT IS EXPOSED, IN A NEAT AND PRESENTABLE MANNER. INSTALL ITEMS PARALLEL TO BUILDING WALLS AND SUITABLE FOR PAINTING. ALL PENETRATIONS THRU FLOORS, WALLS AND CEILINGS SHALL BE SLEEVED, CAULKED AND COVERED WITH ESCUTCHEONS.

HVAC CONSTRUCTION NOTES

(APPLIES TO THIS DRAWING ONLY)

1	ROUTE EXHAUST DUCT ABOVE CEILING. SLEEVE THRU WALL AND TERMINATE IN BRICK VENT. SEE SCHEDULE ON DRAWING H-6.	6	MAKE CLEAN, SQUARE CUTS AND PROVIDE SLEEVES FOR SUPPLY AND RETURN AIR DUCTWORK OPENINGS IN GYP. BOARD CEILING TO ATTIC SPACE.
2	ROUTE EXHAUST DUCT ABOVE CEILING AND CONNECT TO PLENUM BOX ON BACK OF EXHAUST LOUVER.	7	CLEANLY CUT GYP. BOARD CEILING AND EXTEND INTAKE/FLUE EXHAUST PIPES TO ATTIC SPACE. PROVIDE ESCUTCHEON PLATES TO TRIM OPENING AROUND PIPES. PROVIDE MFR'S CONCENTRIC VENT KIT AND TERMINATE THRU ROOF ON BACK SIDE OF HIP ROOF RIDGE LINE.
3	SLEEVE REFRIGERANT PIPING THRU WALL AND RISE IN WALL. ROUTE ABOVE CEILING AND DROP TO E-1 AND E-2. INSTALL SHIELD PLATES TO PROTECT LINES IN WALL FROM FASTENERS.	8	PROVIDE VOLUME DAMPER AND CONNECT OUTSIDE AIR DUCT TO RETURN AIR DUCT ABOVE CEILING SERVING E-1 AND E-2. INSTALL ACCESS DOORS IN GYP. BOARD CEILING AT VOLUME DAMPER LOCATIONS. EXTEND 10x8 OUTSIDE AIR DUCT TO INTAKE HOOD ON ROOF. SEE SCHEDULE ON DRAWING H-6.
4	INSTALL OUTDOOR CONDENSING UNITS ON OVERSIZED CONCRETE BASE PAD.	9	ALL DUCTWORK SHALL BE ROUTED IN ATTIC. COORDINATE DUCT ROUTING WITH TRUSSES, SUPPORTS, ETC.
5	ROUTE 1" CONDENSATE DRAIN PIPING TO OPEN RECEPTACLE IN FLOOR. COORDINATE WITH PLUMBING DRAWINGS.		

MARCUM ENGINEERING, LLC
 500 SOUTH 17th STREET - PADUCAH, KENTUCKY 42002-0120
 PHONE - 270.444.9274 FAX - 270.443.1904
COPYRIGHT © 2015, MARCUM ENGINEERING, LLC

castleberry megregor swinford ARCHITECTS
 HVAC FLOOR PLAN - BLDG. A
 H-2 of 6
 DATE 10/01/10
 BENTON GAS SYSTEM Project No. 10560