



**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.

**MECHANICAL CONSTRUCTION NOTES**

(APPLIES TO THIS DRAWING ONLY)

1	ROUTE SANITARY SEWER PIPING BELOW SLAB (TYP.).	7	GAS PIPING. SEE CIVIL DRAWINGS FOR CONTINUATION.	13	GAS PIPING SHALL DROP BEHIND OWNER FURNISHED VENTLESS GAS LOG INSERT AND CONNECT TO UNIT. GAS LOGS NOT TO EXCEED 39,000 CFH.	19	DROP 1" GAS PIPING IN WALL (SEE DETAIL) TO WATER HEATER.
2	4" SANITARY SEWER PIPING SHALL SLEEVE THRU FOUNDATION.	8	ROUTE HOT AND COLD WATER PIPING ABOVE CEILING (TYP.).	14	GAS PIPING SHALL SLEEVE THRU WALL AND DROP EXPOSED ALONG OUTER WALL TO BELOW GRADE.		
3	4" SANITARY SEWER PIPING. SEE CIVIL DRAWINGS FOR CONTINUATION.	9	ROUTE GAS PIPING ABOVE CEILING (TYP.).	15	ROUTE GAS PIPING BELOW GRADE TO GAS POWERED LIGHTS. SEE DRAWING U-1 FOR CONTINUATION.		
4	2" COLD WATER PIPING SHALL SLEEVE THRU FOUNDATION.	10	ROUTE 2" COLD WATER PIPING BELOW SLAB TO JAN. 109.	16	DROP 3/4" GAS PIPING IN WALL (SEE DETAIL). THESE WILL BE USED TO DISPLAY EQUIPMENT BY THE GAS COMPANY (TYP.6).		
5	2" COLD WATER PIPING. SEE CIVIL DRAWINGS FOR CONTINUATION.	11	SEAMLESS NO-JOINT COPPER PIPING BELOW SLAB (TYP.).	17	DROP 3/4" GAS PIPING IN WALL (SEE DETAIL) TO FURNACE. SEE HVAC DRAWINGS FOR DETAILS.		
6	1-1/2" GAS PIPING SHALL SLEEVE THRU EXTERIOR WALL AND RISE IN WALL TO CEILING SPACE. OVERSIZE PENETRATION WHERE PIPE EXISTS WALL SUCH THAT CAVITY IS "VENTED" TO ABOVE CEILING SPACE.	12	INSTALL ALL ISOLATION VALVES IN ACCESSIBLE LOCATIONS FOR MAINTENANCE PURPOSES (TYP.).	18	INSTALL PIPING ON HEATED SIDE OF INSULATION TO PREVENT FREEZING.		

**MARCUM ENGINEERING, LLC**  
500 SOUTH 17th STREET - PADUCAH, KENTUCKY 42002-0120  
PHONE - 270.444.9274 FAX - 270.443.1904  
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**castleberry megregor swinford ARCHITECTS**  
PLUMBING FLOOR PLAN - BLDG. A  
BENTON GAS SYSTEM  
Project No. 10560

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DATE 10/01/10