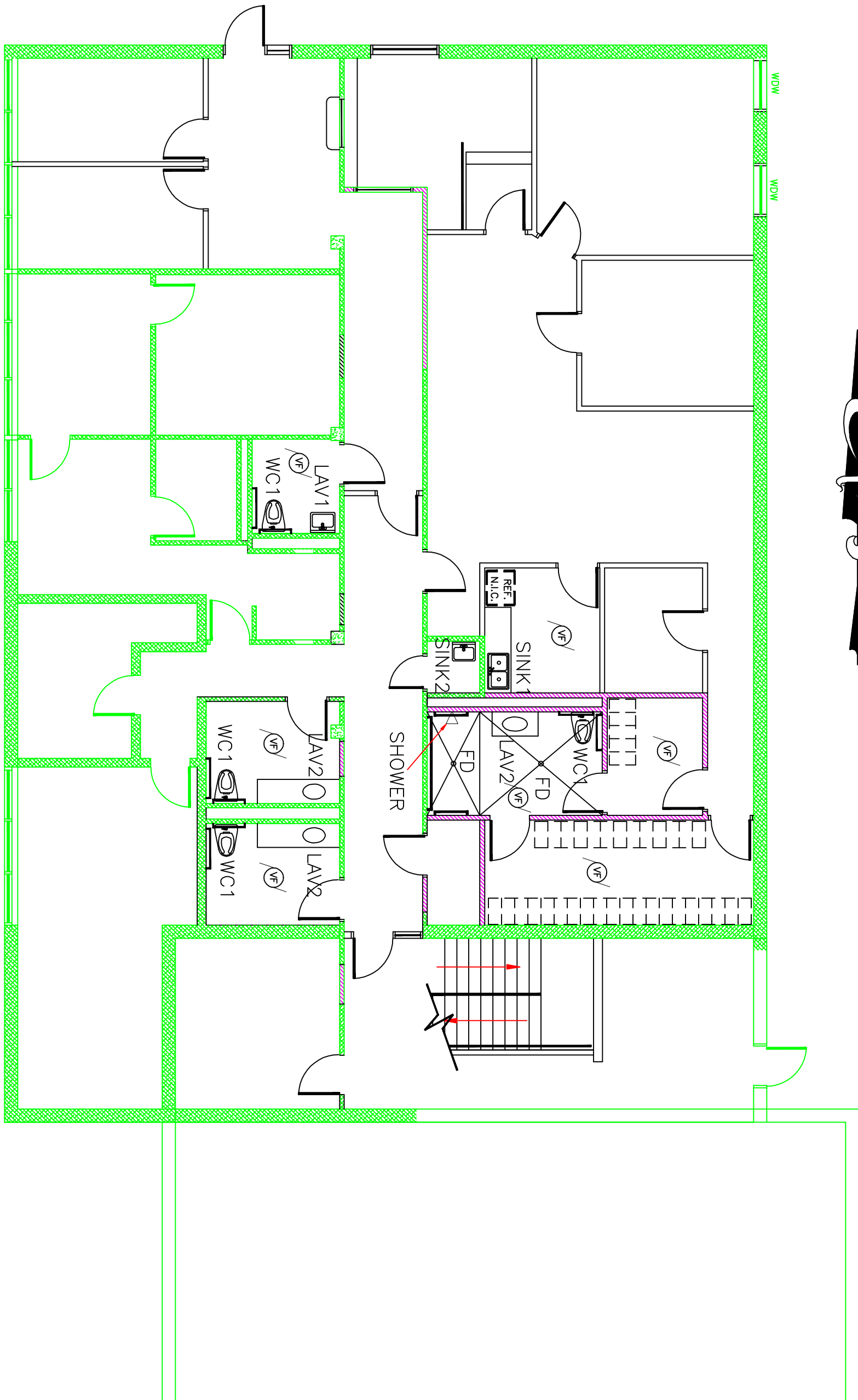




GENERAL PLUMBING NOTES

(SOME NOTES MAY REFERENCE WORK ACTIVITIES THAT ARE NOT BEING PERFORMED ON THIS PROJECT)

1. ALL PLUMBING MATERIALS AND INSTALLATION SHALL BE DONE IN STRICT CONFORMANCE WITH THE 2009 INTERNATIONAL PLUMBING CODE (IPC). ALL HANDICAPPED FIXTURES AND ACCESSORIES SHALL BE INSTALLED IN COMPLIANCE WITH ANSI 117.1, ADA 2010, AND US ARCHITECTURAL & TRANSPORTATION BARRIERS COMPLIANCE BOARD (ATBCB). CONTRACTOR PERFORMING WORK MUST BE LICENSED PLUMBER.
2. ALL COPPER EMBEDDED SHALL BE SLEEVED AND WRAPPED TO PREVENT CORROSION. NO SEAMS OR JOINTS ARE PERMITTED BELOW SLAB. COPPER WATER SUPPLY SHALL BE TYPE L ABOVE GROUND AND TYPE K BELOW SLAB. ALL PIPING SHALL BE INSULATED WITH 1" THICK HEAVY DENSITY FIBERGLAS PIPE INSULATION EQUAL TO OWENS CORNING FIBERGLAS 25 ASJSSJ. MINIMUM SIZE OF FIXTURE SUPPLY PIPES TO BE PER IBC TABLE 604.5. WATER SUPPLY AND DISTRIBUTION LINES MAY BE SCHEDULE 40 PVC (COLD WATER) ASTM D 1785, & CPVC (HOT WATER) ASTM D 2846 BELOW GROUND AND HARD DRAWN COPPER TUBING ABOVE GROUND AS DESCRIBED ABOVE. WHERE ANY PIPING PENETRATES THE SLAB, THE PIPING SHALL BE SLEEVED. GAS PIPING TO BE SCH 40 BLACK CARBON STEEL WITH 150# WALLEABLE IRON FITTINGS UP TO 2" IN SIZE PER IBC GAS CODE. ALL PIPING SHALL BE SUPPORTED PER IMC 305 & AT MAX. SPACING PER IMC TABLE 305.4. PIPE HANGERS TO BE MFGOR BY GRINNELL OR APPROVED EQUAL.
3. WASTE PIPING TO BE PVC DWV SCHEDULE 40, ASTM D-2665/1785. MINIMUM PIPE SLOPES: 2-3" DIAMETER IS 1/4" PER FOOT, 4-6" DIAMETER IS 1/8" PER FOOT.
4. CONTRACTOR TO PIPE CONDENSATE AND HOT WATER PAN EMERGENCY DRAIN TO FLOOR DRAIN OR BLDG. EXTERIOR.
5. FLOOR DRAINS SHALL HAVE DEEP SEAL TYPE TRAPS AND TRAP PRIMER DRAINS.
6. WATER SUPPLY LINES SHALL BE INSTALLED IN ACCORDANCE WITH AND EQUIPPED WITH APPURTENANCES AS REQUIRED BY LOCAL CODES AND AUTHORITY HAVING JURISDICTION. HOT AND/OR COLD WATER SUPPLIES SHALL BE INSTALLED AS REQUIRED FOR PROPER OPERATION OF EACH NEW FIXTURE.
7. HANDICAPPED FIXTURES SHALL BE INSTALLED IN STRICT CONFORMANCE WITH ANSI 117.1.
8. 26 GAGE METAL PAN SHALL BE INSTALLED UNDER ALL WATER HEATERS, IF APPLICABLE, WITH 3/4" DRAIN ROUTED TO FLOOR DRAIN OR BUILDING EXTERIOR.
9. ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED A MINIMUM OF 12" ABOVE THE ROOF. ALL VENTS SHALL BE A MINIMUM OF 24 INCHES AWAY FROM OUTSIDE AIR INTAKES.
10. INSULATE ALL CONDENSATE DRAIN PIPING IF NOT SUPPORTED BY MANUFACTURER. INSULATE WATER SUPPLY AND WASTE PIPING UNDER HANDICAPPED LAVATOIRES WITH "HAND-LAY GUARD JACKET". ALL WATER LINES INSTALLED IN EXTERIOR WALLS OR WALLS ADJACENT TO "UNCONDITIONED" SPACE SHALL BE INSTALLED INSIDE WALL INSULATION OR SHALL BE INSULATED INDIVIDUALLY AS REQUIRED TO PREVENT FREEZING.
11. INSTALL GAS VALVES= (FULL BALL COCK) IN GAS LINES TO EQUIPMENT AND INSTALL SHUT-OFF COCKS AT ALL GAS EQUIPMENT.
12. PROVIDE DI-ELECTRIC UNIONS AT ALL DISSIMILAR METAL PIPE CONNECTIONS.
13. PROVIDE VACUUM BREAKERS AT FIXTURES WITH HOSE THREAD CONNECTIONS AND APPLICANCES WITH DIRECT CONNECTIONS TO DOMESTIC WATER.
14. PROVIDE STOPS AND SHOCK ABSORBERS AT EACH FIXTURE OR FIXTURE GROUP.
15. CONTRACTOR SHALL EXECUTE ALL WORK SUCH THAT IT PROCEEDS WITH A MINIMUM OF INTERFERENCE WITH OTHER TRADES. EXACT ROUGH-IN AND FINAL EQUIPMENT REQUIREMENTS SHALL BE VERIFIED BY CONTRACTOR IN FIELD.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS TO PLUMBING FIXTURES AND EQUIPMENT. THIS INCLUDES, BUT IS NOT LIMITED TO, FURNISHING AND INSTALLING ALL REQUIRED MATERIALS, INCLUDING PIPE, FIXTURES, FITTINGS, VALVES, TRAPS, DRAINS, ETC. INCLUDING ALL REQUIRED APPURTENANCES AND ACCESSORIES.
17. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES ALL REQUIRED OPENINGS AND EXCAVATIONS. ALL REQUIRED OPENINGS IN FOUNDATION, WALLS, FLOORS AND ROOF SHALL BE DESIGNED INTO THE STRUCTURE BY THE USE OF SLEEVES, CURBS, ETC. CUTTING AND PATCHING SHALL BE HELD TO MINIMUM.
18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE EXISTING OCCUPIED SPACE(S) FROM CONSTRUCTION AND DUST.
19. THE CONTRACTOR SHALL CONNECT ALL NEW FIXTURES TO WATER AND SANITARY LINES AS REQUIRED TO MAKE ALL FIXTURES FUNCTIONAL. THE CONTRACTOR SHALL RUN WASTE LINES UNDER THE EXISTING SLAB AS REQUIRED TO CONNECT TO THE EXISTING SANIATRY DRAIN SYSTEM. NEW LINES SHALL CONNECT TO EXISTING WASTE LINES WHICH ARE THE SAME SIZE OR LARGER.
20. THE CONTRACTOR SHALL REPAIR ALL TRENCHES IN FLOOR THAT ARE CREATED TO RUN WASTE PIPING UNDER THE SLAB. TRENCHES SHALL BE BACKFILLED WITH GRAVEL, THEN FILLED WITH CONCRETE THAT IS SAME DEPTH AS THE ADJACENT EXISTING CONCRETE SLAB. CONCRETE SHALL BE MIN. 3000 PSI, FIBER-CRETE.
21. ALL PLUMBING WORK SHALL BE PERFORMED BY LICENSED PLUMBER.
22. PROVIDE NEW "CUT-OFFS" AT BOTH HOT AND COLD WATER LINES AT EACH NEW FIXTURE.



MINIMUM FIXTURE WATER SUPPLY LINE SIZE			
FIXTURE	COLD WATER (ROUND)	HOT WATER (ROUND)	REMARKS
LAV1	1/2"	1/2"	
LAV2	1/2"	1/2"	
SINK1	1/2"	1/2"	
SINK2	1/2"	1/2"	
WC1	1"		
FLOOR DRAIN	1/2"		TRAP PRIMER
SHOWER	1/2"	1/2"	

FIXTURE SCHEDULE

CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING/INSTALLING COMPLETE AND FUNCTIONING SYSTEMS FOR ALL NEW FIXTURES, INCLUDING ALL REQUIRED APPURTENANCES. NEW SYSTEMS SHALL BE FULLY COMPLAINT WITH ALL APPLICABLE PLUMBING CODES AND STANDARDS AND THE AMERICAN WITH DISABILITIES ACT OF 2010. WASTE PIPING SHALL CONNECT TO EXIST. WASTE PIPING UNDER THE EXIST. FLOOR AS REQUIRED FOR SYSTEM TO PROPERLY DRAIN.

LAV1	KOHLER K1997-1 WALL MOUNT VC SINK WITH DELTA 5200ST SINGLE LEVER FAUCET
LAV2	KOHLER K22214-G-O UNDERCOUNTER SINK WITH DELTA SINGLE LEVER FAUCET
SINK1	ELKAY DOUBLE BOWL, STAINLESS STEEL SINK MODEL DPMSR12722 WITH DELTA MODEL 340SDST OR APPROVED EQUAL.
SINK2	FIBERGLAS UTILITY MOP SINK SIZED TO FIT ROOM WITH DELTA MOP SINK FAUCET.
WC1	KOHLER K43688 WATER CLOSET WITH SLOAN FLUSH VALVE (ADA COMPLIANT)
FD	ZURN ZN415 WITH NICKEL BRASS STRAINER AND TRAP PRIMER.
SHOWER	BRADLEY 1PA-HN BARRIER FREE SHOWER SYSTEM

NOTES:

1. SHOWER HEAD AND CONTROL SYSTEM FOR SHOWER SHALL BE MAXIMUM OF 48 INCHES ABOVE FLOOR. SHOWER HEAD SHALL BE ON 60 INCH LONG FLEXIBLE HOSE WITH WALL MOUNTED ADA BRACKET
2. IF MODEL NUMBERS SHOWN ARE NO LONGER AVAILABLE, USE REPLACEMENT MODEL NUMBERS THAT ARE EQUAL TO SYSTEM(S) SPECIFIED.
3. ALL PLUMBING FIXTURES SHOWN ON PLANS SHALL BE NEW FIXTURES. ALL NEW FIXTURES SHALL BE CONNECTED TO EXISTING SANITARY AND WATER SYSTEM AS REQUIRED TO MAKE EACH FULLY FUNCTIONAL. PROVIDE NEW COMPONENTS AND APPURTANCES AS REQUIRED TO PROPERLY CONNECT NEW FIXTURES TO EXISTING SYSTEM(S).

ENGINEER SEAL

PARTIAL RENOVATION OF LOWER FLOOR
GUNTERSVILLE MUNICIPAL BUILDING
FOR
THE CITY OF GUNTERSVILLE, ALABAMA

Emmett D. Smith and Associates, Architect, P.C. - P.O. Box 171 Guntersville, Ala. 35976 - Phone (205) 531-3749

5450

REGIONS

A FOR BIDS

DATE
08/28/17

DESIGNED BY
E.D. SMITH

THIS DOCUMENT IS AN INSTRUMENT OF SERVICE, AND BY ACCEPTING IT, THE ARCHITECT, P.C. THEREBY AGREES TO PROVIDE THE INFORMATION CONTAINED HEREIN TO THE CLIENT FOR THE PROJECT IDENTIFIED HEREIN, AND TO REPRODUCE THE INFORMATION CONTAINED HEREIN FOR THE PROJECT IDENTIFIED HEREIN, WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT, P.C. SMITH, ARCHITECT.

PLUMBING PLAN

SCALE
1/8"=1'-0"

P-GM-01