



EST 1935
 ARCHITECTURAL CORPORATION
 MISSOURI CERTIFICATE OF AUTHORITY NO. 000073

Y GARDENS APARTMENTS
 1255 E. CHESTNUT
 SPRINGFIELD, GREENE COUNTY, MISSOURI 65802

STARK WILSON DUNCAN ARCHITECTS INC.
 315 NICHOLS RD, STE 228 - KANSAS CITY, MO 64112 - T: 816.531.1976 F: 816.531.1978

GENERAL NOTES:

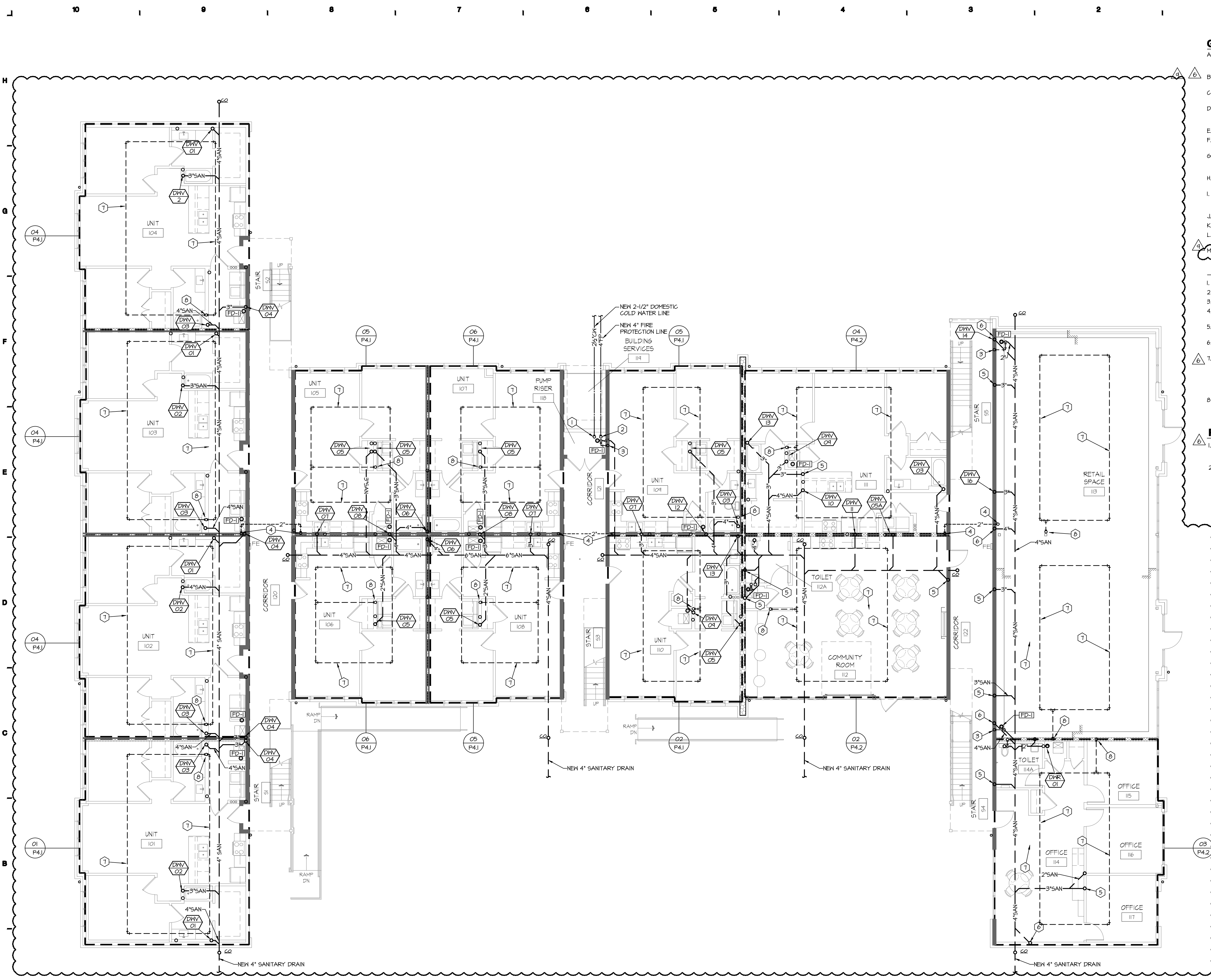
- A. PROVIDE PLUMBING SYSTEMS COMPLETE AND PER APPLICABLE CODES INCLUDING ALL REQUIRED COMPONENTS, OFFSETS REQUIRED TO AVOID THE STRUCTURE, DUCTWORK, ETC.
- B. REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT LOCATIONS OF PLUMBING FIXTURES.
- C. COORDINATE THE INSTALLATION OF PLUMBING AND PIPING WITH THE WORK OF ALL OTHER TRADES.
- D. PIPING SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT/PANELS. PROVIDE THE CODE REQUIRED WORKING CLEARANCE AROUND ALL ELECTRICAL EQUIPMENT.
- E. THE CONTRACTOR SHALL NOT LOCATE PIPING BELOW OTHER EQUIPMENT.
- F. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL PLUMBING SYSTEMS.
- G. PLUMBING VENT PIPING THROUGH THE ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ANY FRESH AIR INTAKE LOCATION OR OPERABLE WINDOW.
- H. PROVIDE THE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
- I. ALL OPENINGS TO UNCONDITIONED SPACES OR BUILDING EXTERIOR ARE SEALED WITH BLOCKING OR FLASHING. GAPS ARE SEALED WITH CAULK OR FOAM.
- J. BELOW GRADE WATER PIPING SHALL BE SOFT COPPER WITH NO JOINTS.
- K. TAG ALL SHUTOFF VALVES WITH UNIT IT SERVES.
- L. ALL PENETRATIONS THRU THE ROOF SHALL BE LOCATED ON THE BACKSIDE OF THE ROOF SO THEY ARE NOT VISIBLE FROM THE STREET.
- M. PROVIDE CLEANOUTS TO MEET APPLICABLE PLUMBING CODES.

PLAN NOTES:

1. 2-1/2" DOMESTIC WATER SERVICE ENTRANCE.
2. 4" FIRE PROTECTION LINE.
3. 2" VENT UP. REFER TO SHEET P1.J FOR CONTINUATION.
4. 2" COLD WATER LINE UP TO ABOVE GRADE. REFER TO SHEET P1.J FOR CONTINUATION.
5. 3" SANITARY DRAIN LINE UP TO UPPER LEVELS. REFER TO SHEET P1.J FOR CONTINUATION.
6. 4" SANITARY DRAIN LINE UP TO UPPER LEVELS. REFER TO SHEET P1.J FOR CONTINUATION.
7. 4" PERFORATED PVC PIPING INSTALLED IN CENTER OF GRAVEL LAYER FOR RADON CONTROL SYSTEM. PIPING SHALL INCLUDE NO LESS THAN ONE 1/2" INCH DIAMETER DRAINAGE OPENING LOCATED NEAR THE BOTTOM OF PIPING EVERY 10 FEET OF DEVELOPED DUCT LENGTH. INSTALL RADON CONTROL SYSTEM IN ACCORDANCE WITH ANSI/AARST CG-1000-2017 "SOIL GAS CONTROLS SYSTEMS IN NEW CONSTRUCTION BUILDINGS."
8. 4" PVC PIPE UP THROUGH ROOF FOR RADON CONTROL SYSTEM.

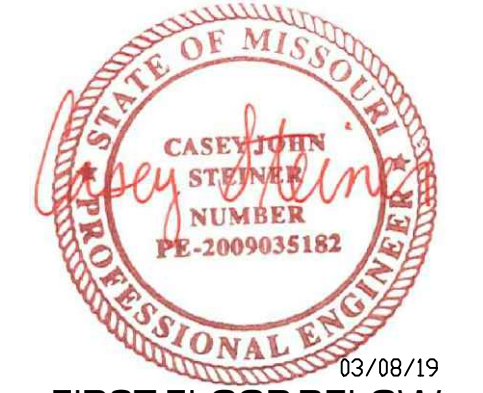
RADON CONTROL SYSTEM NOTES:

1. INSTALL RADON CONTROL SYSTEM IN ACCORDANCE WITH ANSI/AARST CG-1000-2017 "SOIL GAS CONTROLS SYSTEMS IN NEW CONSTRUCTION BUILDINGS."
2. OPENINGS AROUND BATHUBS, SHOWERS, WATER CLOSETS, PIPES, WIRES OR OTHER OBJECTS THAT PENETRATE CONCRETE SLABS OR OTHER FLOOR ASSEMBLIES SHALL BE FILLED WITH A POLYURETHANE CAULK OR EQUIVALENT SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.



01 FIRST FLOOR BELOW GRADE PLUMBING PLAN
 SCALE: 1/8" = 1'-0"
 NORTH

SEAL
 ENGINEER - CASEY JOHN STEINER
 MO. LICENSE NO. PE-2009035182



10/08/19
 FIRST FLOOR BELOW GRADE PLUMBING PLAN

ISSUE DATE:
 02.04.2019

- REVISIONS:
- ARCHITECTURAL - 02/25/2019
 - COORDINATION
 - CITY COMMENTS - 03/08/2019
 - VE REVISIONS - 03/08/2019
 - RADON SYSTEM - 05/02/2019
 - SANITARY SEWER - 10/23/2019



PROJECT NO.: 1803

P0.1