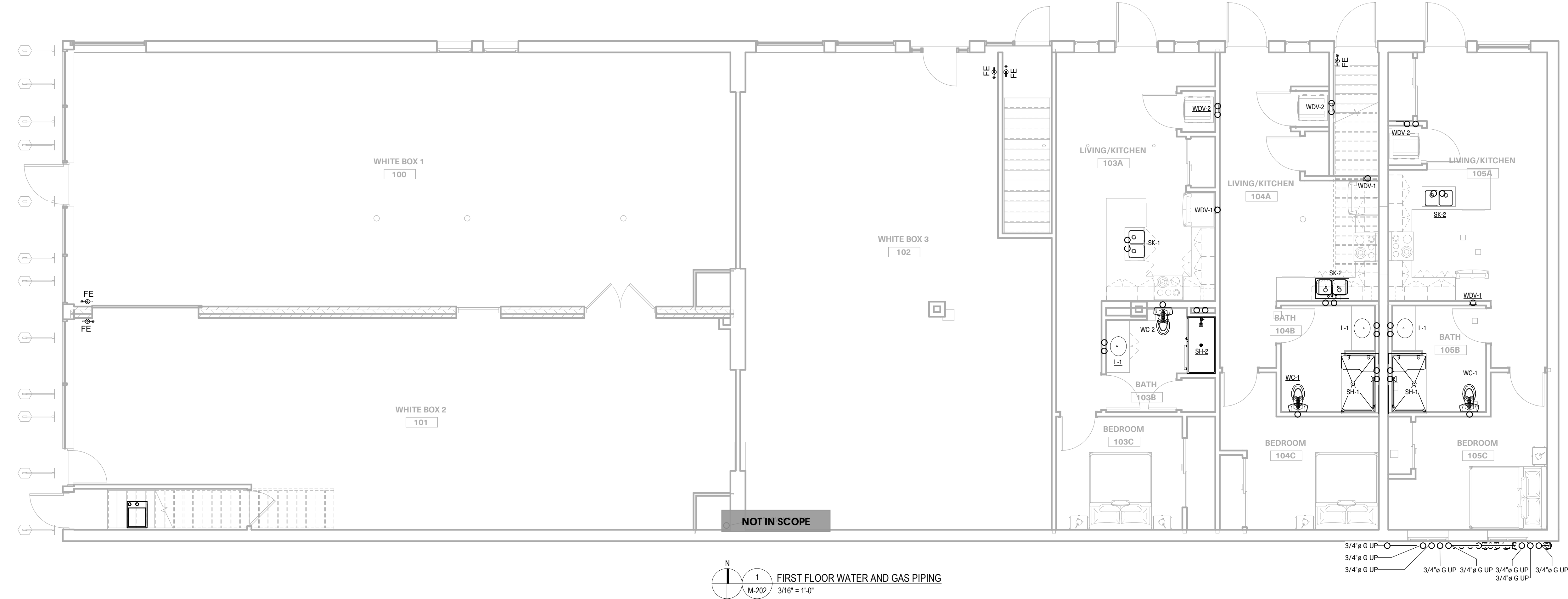
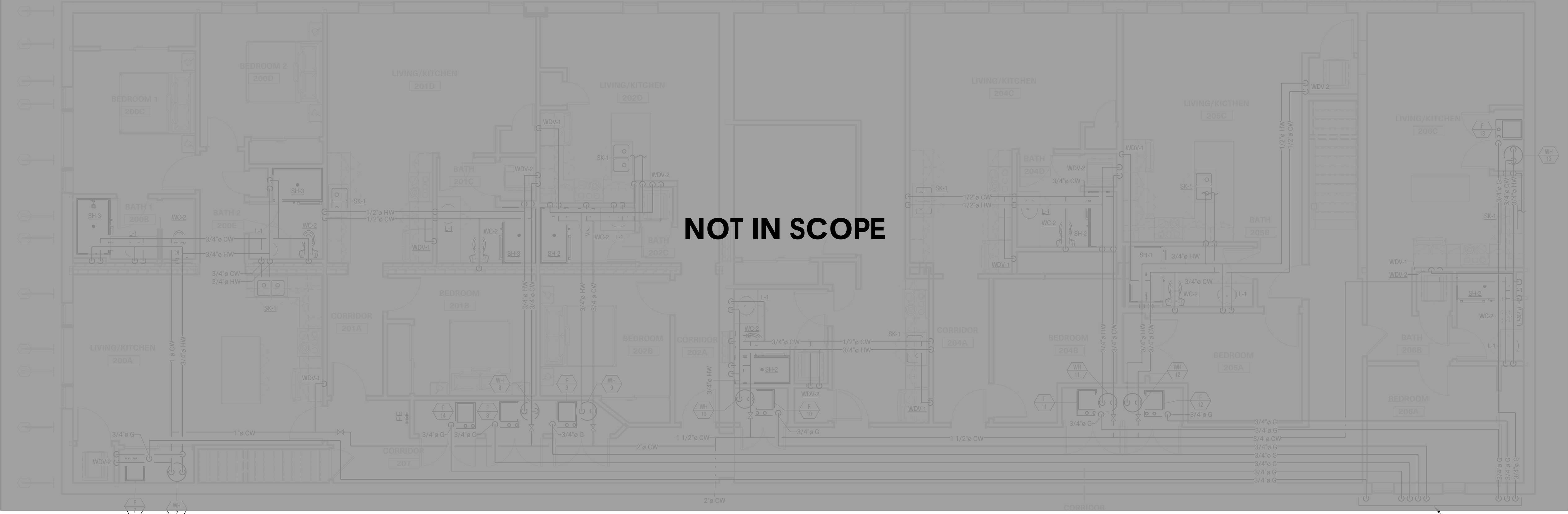




1
M-202
3/16" = 1'-0"

FIRST FLOOR WATER AND GAS PIPING



2
M-202
3/16" = 1'-0"

SECOND FLOOR WATER AND GAS PIPING

- PLUMBING GENERAL NOTES**
- THESE DRAWINGS ARE INTENDED TO BE DIAGRAMATIC AND ARE NOT TO BE CONSIDERED FABRICATION OR SHOP DRAWINGS. COORDINATION WITH OTHER TRADES IS REQUIRED. PROVIDE THE ADDITIONAL FITTINGS AND OFFSETS THAT WILL BE REQUIRED TO COMPLETE EACH SYSTEM INCLUDING THE STRUCTURE, SHEET METAL, CONDUITS, CABLE TRAY, AND LIGHT FIXTURES.
 - PROVIDE ALL NECESSARY CLEARANCES AROUND MECHANICAL AND ELECTRICAL EQUIPMENT, DEVICES, VALVES, AND ANY COMPONENT REQUIRING MAINTENANCE PER MANUFACTURER RECOMMENDATIONS AND CODE REQUIREMENTS.
 - COORDINATE ROUTING OF PIPING AND SHEET METAL WITH ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL TRADES TO AVOID INTERFERENCES. PROVIDE ADDITIONAL FITTINGS AND ELBOWS NECESSARY TO AVOID CONFLICTS.
 - ALL SANITARY PIPING BELOW SLAB SHALL BE A MINIMUM OF 4" UNLESS NOTED OR AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
 - ALL SANITARY AND STORM PIPING 2" AND SMALLER SHALL BE SLOPED AT A MINIMUM 1/4" PER FOOT, AND ALL SANITARY AND STORM PIPING 3" AND LARGER SHALL BE SLOPED AT A MINIMUM OF 1/8" PER FOOT, UNLESS OTHERWISE NOTED OR AS REQUIRED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
 - INSTALL PIPING SUCH THAT ALL VALVES, STRAINERS, TRAPS, FLANGES, UNIONS, AND PIPE ACCESSORIES ARE ACCESSIBLE.
 - SLEEVE AND FIRE STOP ALL PENETRATION OF RATED WALLS, FLOORS, CEILINGS, ETC. IN ACCORDANCE WITH APPLICABLE UL STANDARDS AND LISTINGS AND LOCAL CODES TO MAINTAIN RATINGS. REFER TO ARCHITECTURAL DRAWINGS FOR RATED ASSEMBLIES.
 - INSTALL WATER HAMMER ARRESTORS, BACKFLOW PREVENTERS, THERMOSTATIC MIXING VALVES, AND TRAP PRIMERS AS REQUIRED BY CODE IN THE DOMESTIC WATER SYSTEM.
 - ALL EQUIPMENT AND FIXTURES SHALL BE INSTALLED COMPLETE INCLUDING ISOLATION VALVES, ANGLE SUPPLIES, STOPS, SUPPORT HARDWARE, P-TRAPS, OFFSETS, MIXING VALVES, ETC.
 - ALL PIPING LOCATED WITHIN RETURN AIR PLENUM SHALL BE PLENUM RATED OR FIRE WRAPPED AS NEEDED. COORDINATE PLENUM LOCATIONS WITH MECHANICAL TRADES.
 - ALL ADA FIXTURES, WHERE DESIGNATED BY THE ARCHITECT SHALL BE FURNISHED AND INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE "BARRIER-FREE" DESIGN REQUIREMENTS OF THE APPLICABLE LOCAL CODE.
 - CONTRACTOR SHALL VIDEO CAMERA AND SCOPE ALL SANITARY AND STORM PIPING TO CONFIRM INTEGRITY AND IS FREE OF OBSTRUCTIONS AND DEFECTS TO ENSURE PROPER FLOW.

- PLUMBING CONSTRUCTION KEYNOTES**
- EXTEND 3/8" HW FROM SINK HOT WATER SUPPLY TO DISHWASHER. ROUTE SAN FROM DISHWASHER TO INLET OF GARBAGE DISPOSAL. INSTALL DISHWASHER PER MANUFACTURER RECOMMENDATIONS.
 - ROUTE 3/4" CD FROM FURNACE AND COOLING COIL TO FLOOR DRAIN. REFER TO TRAP DETAIL AND FURNACE INSTALLATION DETAIL.