

PART 1 - PLUMBING FLOOR PLAN
SCALE: 1/8" = 1'-0"

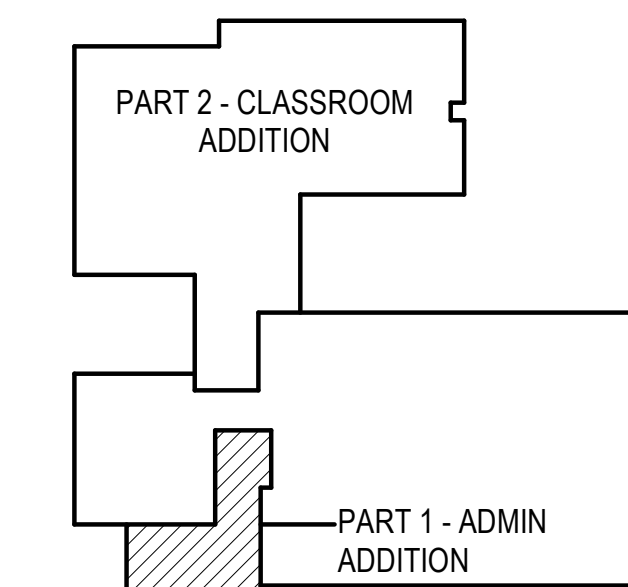
PLAN NOTES:

- 16 PROVIDE AND INSTALL PLUMBING FIXTURE AS SPECIFIED. RISE WATER AND VENT PIPING UP IN WALL AND CONNECT TO EXISTING PIPING IN CEILING SPACE. DROP WASTE PIPING DOWN BELOW FLOOR AND CONNECT TO EXISTING. CUT AND PATCH EXISTING WALLS AND FLOOR AS REQUIRED FOR NEW PIPING. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATIONS OF ALL EXISTING PIPING.
- 17 PROVIDE AND INSTALL NEW PLUMBING FIXTURE AS SPECIFIED. RISE WATER AND VENT PIPING UP IN WALL AND CONNECT TO NEW CORRESPONDING PIPING. DROP WASTE LINE BELOW FLOOR AND RUN TO EXISTING LINE AS SHOWN.
- 18 CONNECT NEW 1-1/4" (HIGH PRESSURE) GAS LINE TO EXISTING 3" GAS LINE NEAR METER. DROP NEW PIPING DOWN BELOW GRADE TO RUN TO NEW EQUIPMENT AS SHOWN ON PLANS. CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING GAS PIPING. PROVIDE SHUT-OFF VALVE IN NEW LINE.
- 19 1-1/2" (HIGH PRESSURE) GAS LINE TO NEW ADDITION (PART 2). LINE TO BE BURIED BELOW GRADE. REFER TO SHEET P1.2 FOR CONTINUATION.
- 20 3/4" (HIGH PRESSURE) GAS LINE TO NEW ADDITION (PART 1). LINE TO BE BURIED BELOW GRADE. CONTRACTOR TO FIELD COORDINATE NEW PIPING WITH EXISTING TREES, SIDEWALKS, BUILDING FOOTING AND FOUNDATION WALLS, ETC.
- 21 EXISTING 3" GAS PIPING IN BOILER ROOM TO REMAIN. PROTECT DURING CONSTRUCTION. FIELD VERIFY EXACT SIZE AND LOCATION.
- 22 EXISTING GAS METER TO REMAIN. INCREASE METER CAPACITY AS REQUIRED FOR ADDITIONAL 2,000,000 BTU LOADS FOR NEW ADDITIONS. FIELD VERIFY EXISTING CONDITIONS.
- 23 OWNER TO DISCONNECT, REMOVE AND RE-INSTALL ALL EXISTING FIXTURES AND EQUIPMENT IN KITCHEN AREAS AS REQUIRED FOR NEW FLOOR FINISHES.
- 24 CONNECT NEW WATER LINES TO EXISTING. FIELD VERIFY EXACT SIZE AND ELEVATION OF EXISTING WASTE PIPING AND MATCH NEW TO EXISTING INVERT TO MAINTAIN 1/4" SLOPE PER FOOT IN NEW PIPING.

PLAN NOTES:

- 1 EXISTING PLUMBING FIXTURE(S) AND ALL ASSOCIATE WASTE, WATER, AND VENT PIPING TO REMAIN. PROTECT FIXTURES AND PIPING DURING CONSTRUCTION.
- 2 NEW GAS FIRED FURNACE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR. PLUMBING CONTRACTOR TO ROUGH-IN AND CONNECT 3/4" GAS LINE WITH SHUT-OFF VALVE AND FLEXIBLE HOSE. REFER TO DETAIL O/P3.1 FOR TYPICAL CONNECTION.
- 3 PROVIDE AND INSTALL NEW PLUMBING FIXTURE AS SPECIFIED. CONNECT NEW FIXTURE TO NEW WATER PIPING AND TO EXISTING WASTE AND VENT PIPING. ADJUST ROUGH-IN LOCATIONS OF EXISTING WASTE AND VENT PIPING AS REQUIRED TO CONNECT TO NEW FIXTURES. REFER TO LARGE SCALE TOILET ROOMS ON SHEET P2.1 FOR COMPLETE PIPING AND SIZES. FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING WASTE AND VENT PIPING.
- 4 PROVIDE NEW FLOOR DRAIN AND P-TRAP AS SPECIFIED. CONNECT TO EXISTING 2" WASTE PIPING BELOW FLOOR. REFER TO LARGE SCALE PLAN ON SHEET P2.1. CUT AND PATCH EXISTING CONCRETE FLOOR AS REQUIRED TO REPLACE DRAIN AND P-TRAP.
- 5 EXISTING WASTE PIPING IN AIR TUNNELS BELOW FLOOR TO REMAIN. PROTECT EXISTING PIPING DURING CONSTRUCTION. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATIONS OF EXISTING PIPING AND COORDINATE CONNECTION OF NEW PIPING TO EXISTING.
- 6 EXISTING 6" WASTE LINE BELOW GRADE TO REMAIN. CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING PIPING. RE-ROUTE EXISTING 6" LINE AS REQUIRED FOR NEW FOOTINGS. KEEP WASTE LINE 3'-0" (MINIMUM) AWAY FROM ANY PARALLEL FOOTING. PROVIDE NEW CLEAN OUT TO GRADE ON EXTERIOR OF NEW ADDITION.
- 7 EXISTING ROOF DRAIN AND ROOF DRAIN PIPING IN CEILING SPACE TO REMAIN. CONTRACTOR TO FIELD VERIFY EXACT SIZES AND LOCATIONS. PROTECT PIPING AND DRAINS DURING CONSTRUCTION.
- 8 DISCONNECT EXISTING 8" ROOF DRAIN LINE AS IT EXITS THE BUILDING. ALL EXISTING DOWNSTEAM PIPING TO BE REMOVED. (REFER TO SHEET P2.1) CONNECT NEW 8" LINE TO EXISTING AND RUN TO WEST SIDE OF NEW PART 2 ADDITION. REFER TO SHEET P1.2 FOR CONTINUATION OF NEW ROOF DRAIN PIPING.
- 9 EXISTING ROOF TOP UNIT AND ALL ASSOCIATED PIPING TO REMAIN. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS AND PROTECT PIPING AND EQUIPMENT DURING CONSTRUCTION.
- 10 PROVIDE AND INSTALL NEW PLUMBING FIXTURE(S) AS SPECIFIED. REFER TO LARGE SCALE PLAN ON SHEET P2.1 FOR COMPLETE PIPING SIZES AND CONNECTIONS.
- 11 PROVIDE AND INSTALL NEW ELECTRIC WATER HEATER IN MECHANICAL ROOM. COORDINATE ACTUAL LOCATION WITH FURNACES, DUCTWORK AND REFRIGERANT PIPING. REFER TO DETAIL D/P3.1 FOR TYPICAL PIPING CONNECTIONS AND OTHER EQUIPMENT REQUIRED.
- 12 RUN ALL WASTE PIPING BELOW FLOORS. GRADE AT 1/4" SLOPE PER FOOT. COORDINATE PIPING WITH FOOTING AND FOUNDATION WALLS. MATCH NEW PIPING INVERT WITH EXISTING.
- 13 CONNECT NEW 1" COLD WATER LINE TO EXISTING 2-1/2" COLD WATER LINE IN TUNNEL BELOW FLOOR. RISE NEW PIPING UP IN NEW WALL AND RUN TO NEW FIXTURES ABOVE CEILING AS SHOWN. CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING PIPING IN TUNNEL. PROVIDE SHUT-OFF VALVE IN NEW LINE.
- 14 RUN NEW WATER PIPING IN CEILING SPACE. COORDINATE ACTUAL ROUTING OF PIPING WITH DUCTWORK, BUILDING STRUCTURE AND ELECTRICAL CONDUITS.
- 15 EXISTING 2-1/2" COLD WATER LINE IN TUNNEL BELOW FLOOR. CONTRACTOR TO FIELD VERIFY EXACT SIZE AND LOCATION OF EXISTING PIPING.

KEY PLAN



GENERAL NOTES:

- A- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONNECTIONS ON THE JOB SITE. ALL WORK SHALL BE EXECUTED FROM MEASUREMENTS TAKEN AT THE SITE.
- B- THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.
- C- IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.
- D- CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.
- E- DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.
- F- ALL DUCTWORK AND PIPING WHICH PASSES THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.

ORIGINAL DRAWING SIGNED BY: DWAYNE C. SUDWEEKS
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PROJECT:

REVISIONS

NO.	DESCRIPTION

PROJECT NO.
16070
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APRIL 2019
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DRAWING NO.:

P1.1

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