

1 MECHANICAL FLOOR PLAN
SCALE: 1/4" = 1'-0"

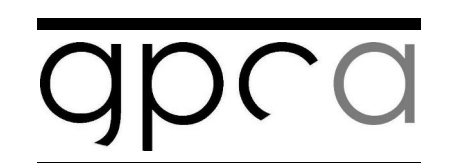
PLAN NOTES

1. NO WORK TO BE DONE IN THIS ROOM. PROTECT DURING CONSTRUCTION.
2. EXISTING GAS METER TO REMAIN. COORDINATE WITH GAS COMPANY TO INCREASE SIZE TO HANDLE AN ADDITIONAL 656,000 BTU'S. 2 PSI TO OZ GAS REGULATOR SIZED FOR REQUIRED EQUIPMENT. SEE M2.1 FOR DETAILS AND EQUIPMENT BTU REQUIREMENTS.
3. NOT USED
4. RUN NEW DUCT FROM KITCHEN HOODS TO NEW ROOF TOP EXHAUST FANS AS SHOWN. INTERLOCK KH-2 & KH-3 TO MAU FOR INDEPENDENT FUNCTION. SEE DETAILS ON M201 FOR ADDITIONAL INFORMATION.
5. NEW LOCATION OF EXISTING WASHER AND DRYER. RUN NEW 4" DUCT FROM DRYER TO EXISTING ROOF CAP. FIELD VERIFY EXISTING LOCATION FOR NEW ROUTE. SEE DETAILS ON SHEET M2.1.
6. RE-INSTALL FLOOR REGISTER AND BALANCE TO CFM AS SHOWN FOR NEW FLOOR.
7. NEW MAKEUP AIR UNIT PROVIDED & INSTALLED BY CONTRACTOR. RUN NEW DUCT AND BALANCE AS SHOWN.
8. NEW 3/4" (2 PSI) GAS LINE TO NEW MAKE UP AIR UNIT WITH REGULATOR SIZED FOR BTU OF MAKE UP AIR UNIT AND SHUT-OFF VALVE, FLEXIBLE CONNECTION AND DIRT LEG
9. EXISTING ELECTRIC UNIT HEATER TO REMAIN. PROTECT DURING CONSTRUCTION.
10. REPLACE SUPPLY AIR REGISTER AT NEW LOCATION. CONTRACTOR TO SAWCUT EXISTING CONCRETE SLAB AS REQUIRED TO INTERCEPT EXISTING DUCTWORK AND EXTEND TO NEW LOCATION AS SHOWN. FIELD VERIFY EXISTING LOCATION OF UNDERSLAB DUCTWORK.
11. NEW GAS FIRED WATER HEATER PROVIDED BY OWNER. RUN NEW 3/4" (2 PSI) GAS LINE TO HEATER COMPLETE WITH REGULATOR SIZED FOR BTU OF WATER HEATER WITH SHUT-OFF VALVE, FLEXIBLE CONNECTION AND DIRT LEG. VENT REGULATOR TO THE EXTERIOR AS REQUIRED. CORE DRILL TWO 3" HOLES FOR NEW PVC FLUES TO OUTSIDE WALL CAP. SEE DETAILS ON SHEET M2.1.
12. INSTALL NEW BRANCH DUCT AS SHOWN AND TIE INTO EXISTING MAIN. SEE DETAILS ON SHEET M2.1.
13. EXTEND EXISTING RETURN DUCT FOR NEW RETURN GRILLE LOCATION AS SHOWN. FIELD VERIFY EXISTING DUCT SIZE.

GENERAL NOTES

1. 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.
2. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE TO INSURE PROPER CODE CLEARANCES FOR ELECTRICAL AND MECHANICAL ACCESS WHEN INSTALLING ANY EQUIPMENT SUPPLIED BY THE MECHANICAL CONTRACTOR.
3. IT IS CRITICAL THAT THIS CONTRACTOR COORDINATE EQUIPMENT LOCATIONS WITH PIPING, DUCTWORK, ELECTRICAL CONDUIT AND BUILDING STRUCTURE TO INSURE CODE COMPLIANCE.
4. CEILING DIFFUSERS ARE SHOWN IN APPROXIMATE LOCATIONS. REFER TO LIGHTING PLANS AND REFLECTED CEILING PLAN FOR EXACT LOCATIONS.
5. DUCT DIMENSIONS CALLED OUT ON DRAWINGS ARE INSIDE FREE AREA DIMENSIONS. ACOUSTICAL DUCT LINER ARE TO BE ADDED TO OVERALL MEASUREMENTS.
6. ALL DUCTWORK AND PIPING WHICH PASSES THRU FIRE RATED WALLS TO BE FIRE STOPPED WITH APPROVED FOAM OR SEALANT. REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURES.

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no.	description	date

project: 1806
DPW project: 19230
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MECHANICAL FLOOR PLAN

sheet:

M1.1

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