



GENERAL NOTES:

- MECHANICAL CONTRACTOR MUST EXAMINE THE SITE & EXISTING CONDITIONS AFFECTING THE PROJECT. EXAMINE THE COMPLETE SET OF CONTRACT DOCUMENTS TO ENSURE THAT THE WORK CAN BE CARRIED OUT WITHOUT SIGNIFICANT CHANGES TO THE INTENT OF THE DOCUMENTS. NO FUTURE ALLOWANCE WILL BE MADE FOR CHANGES UNLESS THE CONTRACT ADMINISTRATOR HAS BEEN NOTIFIED IN WRITING OF ANY DISCREPANCIES OR INTERFERENCES, PRIOR TO THE CLOSE OF TENDERS. NO ALLOWANCE WILL BE MADE FOR ITEMS THAT SHOULD HAVE BEEN NOTED DURING PRE-BID SITE INSPECTION.
- THE LOCATION ROUTING & ELEVATION OF ALL NEW AND EXISTING SERVICES & UTILITIES AS SHOWN ON THE DRAWING ARE TO BE CONSIDERED AS APPROXIMATIONS ONLY. VERIFY EXACT LOCATIONS, ROUTINGS & ELEVATIONS OF ALL SERVICES PRIOR TO COMMENCING WORK, & ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING SERVICES & UTILITIES.
- MECHANICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS, CONNECTIONS, SIZES, INVERTS, ETC. PRIOR TO BID CLOSE AND COMMENCEMENT OF WORK.
- MECHANICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL, STRUCTURAL, ELECTRICAL DRAWINGS, EQUIPMENT SUPPLIER SHOP DRAWINGS, ETC. FOR EXACT LOCATIONS OF ALL FIXTURES, EQUIPMENT, ETC.
- ALL PLUMBING INSTALLATIONS, ETC. SHALL BE PERFORMED IN ACCORDANCE WITH ALL CODES, REGULATIONS & AUTHORITIES HAVING JURISDICTION.
- COORDINATE PLUMBING WITH DUCT RUNS, HYDRONIC PIPING, & ALL OTHER TRADES.
- HATCHED DUCTWORK INDICATES DUCTWORK THAT IS TO BE ACOUSTICALLY LINED. ALL DUCT DIMENSIONS DENOTE INTERNAL "OPEN" AREA ON THE DUCT.
- ALL DUCTWORK PENETRATING THE EXTERIOR WALLS & ROOF SHALL BE INSULATED FOR A MINIMUM DISTANCE OF 10'-0" BACK FROM THE BUILDING PENETRATION WITH 1" THICK KNAUF FIBERGLAS DUCT WRAP INSULATION COMPLETE WITH FOIL-SKRIM-KRAFT (FSK) COVERING.
- COORDINATE THE EXACT LOCATIONS OF EQUIPMENT, AND DUCT OPENINGS WITH THE STRUCTURAL CONSULTANT.

DRAWING NOTES:

- NEW GAS FURNACE TO BE MOUNTED IN HORIZONTAL POSITION AND SUSPENDED FROM STRUCTURE C/W VIBRATION ISOLATORS. PROVIDE FLEXIBLE CONNECTION AT S/A AND R/A PLENUM CONNECTIONS TO UNIT. PROVIDE ACOUSTIC INSULATION 10'-0" (3048MM) BACK FROM UNIT ON BOTH SUPPLY & RETURN DUCT PLENUMS WHERE APPLICABLE. CONNECT TO GAS LINE AS PER CODE. PROVIDE CONDENSATE DRAIN TO NEAREST SUITABLE DRAIN LINE. PROVIDE CONDENSATE PUMP IF REQUIRED.
- 175MM F/A TO R/A DUCT. FULLY INSULATE ALL F/A DUCTWORK AS PER MECHANICAL SPECIFICATIONS. PROVIDE DAMPER AND BALANCE TO 90 L/S.
- ELECTRIC UNIT HEATER TO BE SUPPLIED AND INSTALLED BY ELECTRICAL DIVISION WITH HEATING CAPACITY SHOWN. COORDINATE INSTALLATION WITH ELECTRICAL.
- OPEN ENDED S/A DUCT C/W BALANCING DAMPER. BALANCE TO 24 L/S.
- OPEN ENDED E/A DUCT C/W BALANCING DAMPER. BALANCE TO 24 L/S.
- NEW HRV SUSPENDED FROM STRUCTURE WITH VIBRATION ISOLATORS. PROVIDE FLEXIBLE CONNECTIONS TO UNIT. THERMALLY INSULATE O/A AND E/A DUCTS BACK FROM WALL CAPS TO UNIT. REFER TO DETAIL.
- NEW UNDERGROUND GAS LINE RISER AT APPROX. THIS LOCATION. COORDINATE WITH UTILITIES AND ARCHITECTURAL.
- 50MM PVC FOR FURNACE COMBUSTION AND EXHAUST UP THROUGH MAIN FLOOR WALL CAVITY. REFER TO DRAWING NOTE #14 FOR CONTINUATION.
- 100MM METAL DRYER VENT DOWN FROM LAUNDRY ROOM TO METAL WALL CAP AT APPROX. THIS LOCATION. THERMALLY INSULATE FROM WALL CAP BACK TO SUB FLOOR. INSTALLATION TO BE AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE GAS LINE UP FROM CRAWL SPACE UP TO GAS DRYER. INSTALLATION TO BE AS PER CODE AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE GAS LINE UP FROM CRAWL SPACE UP TO GAS RANGE. INSTALLATION TO BE AS PER CODE AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE 150MM OR EQUIVALENT OVAL OR RECTANGULAR DUCT DOWN INSIDE WALL FROM KITCHEN HOOD KH-1 TO CRAWL SPACE. VENT OUTSIDE TO 150MM METAL WALL CAP APPROX. WHERE SHOWN. THERMALLY INSULATE FROM WALL CAP BACK TO SUB FLOOR. INSTALLATION TO BE AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE GAS LINE TO TANKLESS WATER HEATER. INSTALLATION TO BE AS PER CODE AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 50MM PVC FOR FURNACE COMBUSTION AND EXHAUST UP FROM CRAWL SPACE TO CONCENTRIC TERMINATION ON ROOF. C/W ROOF FLASHING AND THERMAL INSULATION BACK FROM ROOF PENETRATION TO CRAWL SPACE.
- EXHAUST DUCT AND GAS LINE UP FROM CRAWLSPACE TO NEW KITCHEN HOOD AND RANGE. GAS CONNECTION TO RANGE C/W VALVE AND 36" (900MM) GAS FLEX. PROVIDE ANTI-TIP BRACKET AND SECURITY CHAIN.
- DRYER VENT AND GAS LINE UP FROM CRAWLSPACE TO NEW GAS DRYER C/W GAS SHUT OFF VALVE, 36" (900MM) GAS FLEX, SECURITY CHAIN AND 100MM FLEXIBLE METAL VENT CONNECTION.
- OFFSET SUPPLY AIR BOOT IN CRAWLSPACE AS REQUIRED TO LOCATE REGISTER CLOSER TO EXTERIOR WALL. TYPICAL.

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FISHERIES AND OCEANS CANADA

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GIMLI SEARCH & RESCUE STATION

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