

NATURAL GAS PIPING SCHEMATIC - EXISTING

- EXISTING RTU TO REMAIN.
- ENSURE UNIT IS DISPOSED OF PROPERLY, INCLUDING REFRIGERANT IN ACCORDANCE WITH LOCAL REGULATIONS.
- 3. SEQUENCE WORK TO MINIMIZE DURATION WHERE EQUIPMENT IS NOT OPERATIONAL. COORDINATE TIMING ON REMOVAL OF UNITS
- 4. DISCONNECT NATURAL GAS PIPING AND CAP.
- 5. APPROXIMATE LOCATION OF EXISTING SLEEPERS TO REMAIN.
- NEW INSTALLATION.
- LOCKOUT UNIT DURING HEATING SEASON.

GAS SYSTEM - BEFORE MODIFICATIONS

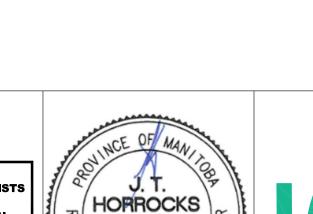
BY

DD/MM/YY

 7-14" WC MAIN 2,474,000 BTU/HR 160 FT. LONGEST RUN

DESCRIPTION

LETTER OR





EXISTING 2"

EXISTING 2" -

FURNACES AND DHW TANKS IN

MECHANICAL ROOM (820 MBH)

MAIN HALL A/C UNIT ON

MAIN HALL VENTILATION

UNIT ON ROOF (484 MBH)

NEW ROOFTOP UNIT

NEW ROOFTOP UNIT

ROOFTOP UNIT

RTU-1 (125 MBH INPUT)

RTU-2 (100 MBH INPUT)

RTU-3 (260 MBH INPUT)

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ROOF (150 MBH)

SOUTHDALE CC RTU REPLACEMENT BID OPP. 648-2022

MANITOBA

WINNIPEG

PARTIAL ROOF PLAN - HVAC - NEW CONSTRUCTION

PARTIAL ROOF PLAN HVAC -DEMOLITION AND NEW CONSTRUCTION Scale AS NOTED AUG. 2022

Revision Number

Drawing Number Project No. Sheet Order 22-179-01 3 of 4

DEMOLITION KEY NOTES

- 2. REMOVE RTU. CAP AND PROTECT OPENINGS AS REQUIRED.

- 6. REMOVE ONLY PORTION OF DUCTWORK AS REQUIRED TO SUIT
- 7. REMOVE DUCT CAPS FROM RTU PROVIDED PREVIOUSLY TO

NATURAL GAS PIPING SCHEMATIC - NEW CONSTRUCTION SCALE: N.T.S.

KEY NOTES ⊕

- 1. MODIFY EXISTING NATURAL GAS PIPING AS REQUIRED AND CONNECT TO RTU.
- 2. ALIGN THE SUPPLY AIR OUTLETS ON NEW ROOFTOP UNITS WITH EXISTING SUPPLY AIR DUCTWORK THROUGH ROOF, SITE CONFIRM TO ENSURE RTU BASE SITS ON EXISTING SLEEPERS. LOCATE RTU SUPPLY OPENING AS REQUIRED. EXTEND ROOFTOP RETURN DUCTWORK TO SUIT NEW UNIT DIMENSIONS.
- 3. SEQUENCE WORK TO MINIMIZE DURATION WHERE EQUIPMENT IS NOT OPERATIONAL. COORDINATE TIMING OF NEW UNIT INSTALLATION WITH THE CITY.
- 4. REINSULATE AND CLAD EXISTING SUPPLY AND RETURN DUCTWORK BETWEEN ROOF AND RTU.
- 5. RTU TO BE COMPLETE WITH EXTENDED BASE RAILS TO JUST BEYOND THE PERIMETER OF THE UNIT AS SHOWN SO UNIT BASE DOESN'T OVERHANG SLEEPERS. MANUFACTURER SHALL SITE CONFIRM DIMENSIONS.
- 6. BALANCE RTU TO OUTSIDE AIR VOLUME NOTED ON RTU SCHEDULE.
- 7. BALANCE EXISTING KITCHENETTE EXHAUST FAN TO FLOW NOTED

GAS SYSTEM - AFTER MODIFICATIONS

 7-14" WC MAIN 1,939,000 BTU/HR 160 FT. LONGEST RUN

ON M1.1.

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