



PARTIAL MAIN FLOOR PLAN
SCALE 1/8" = 1'

HVAC GENERAL NOTES:

- PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- REVIEW EQUIPMENT LOCATIONS WITH CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION.
- EQUIPMENT LOCATIONS, DUCT, AND PIPE ROUTING INDICATED ON THE DRAWINGS IS APPROXIMATE ONLY. CONFIRM IN THE FIELD. REROUTE DUCTWORK AND PIPING AS REQUIRED TO ELIMINATE FIELD INTERFERENCES WITH BUILDING STRUCTURES, ELECTRICAL, ETC. CONFIRM CHANGES WITH CONTRACT ADMINISTRATOR. COORDINATE WORK WITH ALL SUBTRADES. WHERE DIMENSIONS ARE INDICATED FOR PIPING, DUCTWORK, DUCT SIZES, EQUIPMENT SIZES, ETC. THESE ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING EQUIPMENT AND COMMENCING INSTALLATION WITHOUT EXTRA CHARGES TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EQUIPMENT, DUCTWORK, AND PIPING FITS IN THE SPACE AVAILABLE AND TO MAINTAIN THE GENERAL DESIGN INTENT FOR THE SYSTEMS.
- CONFORM TO SMACNA STANDARDS FOR SUPPLY AND INSTALLATION OF DUCTWORK. SEAL ALL DUCT JOINTS.
- SEAL ALL FLOOR, ROOF AND WALL PENETRATIONS WATER AND AIR TIGHT.
- FIRE SEAL ALL PENETRATIONS THROUGH FIRE SEPARATIONS.
- MAINTAIN SERVICE CLEARANCES FOR ALL EQUIPMENT AS PER SUPPLIER RECOMMENDATIONS.
- CONFORM TO NATIONAL GAS INSTALLATION CODE CAN/CSA-B149.1 AND MANITOBA GAS NOTICES FOR INSTALLATION OF GAS PIPING. OBTAIN APPROVAL FOR INSTALLATION OF EQUIPMENT FROM THE OFFICE OF THE FIRE COMMISSIONER PRIOR TO INSTALLATION.
- IN THE EVENT THERE ARE DISCREPANCIES ON THE DRAWINGS AND/OR SPECIFICATIONS, THE CONTRACTOR SHALL REQUEST CLARIFICATION FROM THE CONTRACT ADMINISTRATOR PRIOR TO CLOSE OF TENDERS AND PRIOR TO PROCEEDING WITH CONSTRUCTION. CLARIFICATION WILL BE PROVIDED WITH THE INTENT OF ELIMINATING EXTRA COST TO THE CONTRACT.

KEYNOTES:

- INSTALL NEW ELECTRIC DUCT HEATER UNITS (EDH-#) AS SHOWN. CONNECT TO EXISTING DUCTWORK. INSTALL CORRESPONDING WIRING AND THERMOSTATS. PROVIDE LOCKABLE CLEAR PLASTIC THERMOSTAT COVERS. PAINT AND FINISH WALL TO MATCH EXISTING WHERE REQUIRED.
- INSTALL NEW ROOF TOP AIR HANDLING UNIT (RTU-2) AS SHOWN. CONNECT TO EXISTING NATURAL GAS AND DUCTWORK. PROVIDE NEW INSULATED DUCT TRANSITIONS AS REQUIRED FOR CONNECTING THE NEW RTU TO EXISTING DUCTWORK. REBALANCE ALL SUPPLY GRILLES ASSOCIATED WITH RTU-2 TO THE ORIGINAL AIRFLOWS.
- INSTALL NEW CONDENSING UNIT (CU-2) ON ROOF AS SHOWN. PROVIDE REFRIGERANT PIPING AND CONTROLS.
- LOCATE NEW DDC PANEL IN THE OFFICE. COORDINATE POWER REQUIREMENTS WITH ELECTRICAL SUBCONTRACTOR. (EXACT LOCATION OF THE PANEL IS TO BE FIELD DETERMINED BASED ON ACTUAL DIMENSIONS OF THE PANEL)

NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.

ALL OPENINGS THROUGH THE FIRE SEPARATIONS AS A RESULT OF THE WORK OF THIS CONTRACT ARE TO BE FIRE STOPPED AND SEALED WITH UL APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE AND SMOKE-TIGHT BARRIER.

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.

WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.

WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

LEGEND	
	NEW HVAC EQUIPMENT
	EXISTING HVAC EQUIPMENT / DUCTWORK
	THERMOSTAT

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR CONSTRUCTION		21/06/16

DRAWN	CHECKED	DESIGNED	APPROVED
BP	LB		
DATE 21.05.06	USER APPROVAL		

THE CITY OF WINNIPEG
PLANNING, PROPERTY AND
DEVELOPMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT
REPLACEMENT OF AIR HANDLING UNIT RTU-2
GLENWOOD COMMUNITY CENTRE

27 OVERTON STREET

SHEET TITLE
MECHANICAL
PARTIAL MAIN FLOOR PLAN
NEW VENTILATION

SCALE	PROJECT No:	SHEET No:
AS SHOWN	21-0107-008	M02

