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MH2.1
NORTH WALKWAY DEMOLITION - HVAC
SCALE: 1 : 100

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MH2.1
NORTH WALKWAY RENOVATION - HVAC
SCALE: 1 : 100

DEMOLITION GENERAL NOTES

A. CONFORM TO APPLICABLE CODE FOR DEMOLITION WORK, DUST CONTROL, PRODUCTS REQUIRING ELECTRICAL DISCONNECTION OR RECONNECTION.
B. CONFORM TO APPLICABLE REGULATORY PROCEDURES WHEN DISCOVERING HAZARDOUS OR CONTAMINATED MATERIALS.
C. CLOSE OPENINGS IN EXTERIOR SURFACES TO PROTECT EXISTING WORK FROM WEATHER AND EXTREMES OF TEMPERATURE AND HUMIDITY.
D. PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS WHERE NEEDED TO CONTAIN CONSTRUCTION DEBRIS AND DUST.
E. PROTECT EXISTING MATERIALS, EQUIPMENT, AND SYSTEMS WHICH ARE NOT TO BE DEMOLISHED.
F. CONDUCT DEMOLITION TO MINIMIZE INTERFERENCE WITH OCCUPIED BUILDING AREAS.
G. DEMOLISH IN AN ORDERLY AND CAREFUL MANNER. REMOVE DEMOLISHED MATERIALS FROM SITE EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. UPON COMPLETION OF WORK, LEAVE AREAS IN CLEAN CONDITION.
H. ALL USABLE SALVAGED EQUIPMENT AND MATERIALS SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS SPECIFICALLY NOTED OTHERWISE.
I. THE ABANDONMENT OF EXISTING EQUIPMENT AND MATERIAL IN PLACE IS NOT ACCEPTABLE. ALL REDUNDANT SERVICES ARE TO BE REMOVED BACK TO ACTIVE MAINS, WHICH SHALL THEN BE CAPPED AT EXISTING POINT OF CONNECTION.

CONSTRUCTION GENERAL NOTES

A. HEATING EQUIPMENT SIZED FOR 21C ROOM TEMP. COOLING EQUIPMNET SIZED FOR 26C ROOM TEMP.
B. FIRESTOP ALL MECHANICAL PENETRATIONS THROUGH FIRE-RATED FLOOR AND WALL ASSEMBLIES. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE OF RATINGS.
C. CONTRACTOR SHALL SCAN FOR REBAR AND CONDUIT AND PROVIDE RESULTS OF SCAN IN WRITING TO OWNER PRIOR TO CORING OR DRILLING IN ANY CONCRETE WALL OR FLOOR.
D. THE INTERRUPTION OF ANY SERVICES SHALL BE COORDINATED WITH THE BUILDING OWNER AND SHALL BE KEPT TO A MINIMUM.

KEY NOTES

1 EXISTING WALL MOUNTED PTAC UNITS (PTAC-#E) REMOVED AND DISPOSED OF BY ELECTRICAL.
2 SUPPLY AND INSTALL NEW WALL MOUNTED PTAC UNITS (PTAC-#). COORDINATE LOCATION OF PTAC UNITS WITH ARCHITECTURAL CLADDING/GLAZING SYSTEM.
3 NEW CEILING MOUNTED UNIT HEATERS (UH-#) SUPPLIED AND INSTALLED BY ELECTRICAL. COORDINATE LOCATION OF HEATERS WITH LOCATION OF STRUCTURAL MEMBERS AND LIGHTING FIXTURES.
4 SUPPLY AND INSTALL THERMOSTATS ON VERTICAL STEEL COLUMNS IN KEYED LOCKING COVERS. PROGRAMMING AND SETPOINTS ACCORDING TO SPECIFICATIONS. ROUTE CONDUIT TO MINIMIZE VISIBILITY, BEHIND COLUMNS AND IN SOFFIT UNDER FLOOR WHERE SUITABLE. COORDINATE CONDUIT ROUTING WITH ARCHITECTURAL.
5 CEILING MOUNTED LIGHTING FIXTURES SHOWN FOR COORDINATION ONLY.
6 EXISTING CEILING MOUNTED UNIT HEATER (UH-#E) TO REMAIN AS IS.

HVAC LEGEND

EQ 1i	EQUIPMENT TAG
?	KEY NOTE
1	DEMOLITION NOTE
T	THERMOSTAT - LOW VOLTAGE

AIR CONDITIONING UNIT (PTAC) SCHEDULE

MARK		MAKE	MODEL	TYPE	COOLING CAPACITY (KW)	COOLING CAPACITY (BTU/H)	HEATING CAPACITY (KW)	AIRFLOW (LPS)	MCA (A)	VOLTAGE (V)	PHASE	NOTES
PTAC	1	AMANA	PTC153G	WALL MOUNTED	4.3	14,700	4.0	170	27.6	208	1	1,2,3
PTAC	2	AMANA	PTC153G	WALL MOUNTED	4.3	14,700	4.0	170	27.6	208	1	1,2,3
PTAC	3	AMANA	PTC153G	WALL MOUNTED	4.3	14,700	4.0	170	27.6	208	1	1,2,3
PTAC	4	AMANA	PTC153G	WALL MOUNTED	4.3	14,700	4.0	170	27.6	208	1	1,2,3
PTAC	5	AMANA	PTC153G	WALL MOUNTED	4.3	14,700	4.0	170	27.6	208	1	1,2,3
PTAC	5	AMANA	PTC153G	WALL MOUNTED	4.3	14,700	4.0	170	27.6	208	1	1,2,3
PTAC	7	AMANA	PTC153G	WALL MOUNTED	4.3	14,700	4.0	170	27.6	208	1	1,2,3
PTAC	8	AMANA	PTC153G	WALL MOUNTED	4.3	14,700	4.0	170	27.6	208	1	1,2,3

NOTES:
1. INCLUDE WALL SLEEVE
2. PLUGGED ELECTRICAL CONNECTION
3. CONTROLLED BY EXTERNAL THERMOSTAT WITH KEYED LOCKING COVER. INTEGTRATED CONTROLS HIDDEN BY KEYED LOCKING COVER.

ELECTRIC UNIT HEATER SCHEDULE

MARK		MAKE	MODEL	HEATING CAPACITY (KW)	AIR VOLUME (LPS)	ELECTRICAL VOLTAGE (V)	ELECTRICAL PHASE	MAXIMUM WEIGHT (lbs)	MAXIMUM WEIGHT (kg)	NOTES
UH	1	OULETTE	ODSA05008	5	146	208	1	25	11	1
UH	2	OULETTE	ODSA05008	5	146	208	1	25	11	1
UH	3	OULETTE	ODSA05008	5	146	208	1	25	11	1
UH	4	OULETTE	ODSA05008	5	146	208	1	25	11	1
UH	5	OULETTE	ODSA05008	5	146	208	1	25	11	1
UH	6	OULETTE	ODSA05008	5	146	208	1	25	11	1
UH	7	OULETTE	ODSA05008	5	146	208	1	25	11	1
UH	8	OULETTE	ODSA05008	5	146	208	1	25	11	1

NOTES:
1. CONTROLLED BY EXTERNAL THERMOSTAT

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PROVINCE OF MANITOBA
M.A. HAW
Member
2200
REGISTERED PROFESSIONAL ENGINEER
2021-05-05

NO.	DATE	REVISION / ISSUANCE
01	2021.05.05	ISSUED FOR CONSTRUCTION

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Project
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155 + 185 Carlton Street / Winnipeg, MB
Bid Opportunity No. 111-2020

Sheet Title
NORTH WALKWAY - HVAC PLAN

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