



CONSTRUCTION NOTES:

- 1) REVISE PIPING: DISCONNECT MH-5 SNOW MELT PIPING FROM GLYCOL HEADER, AND CONNECT MH-7 SNOW MELT PIPING.
- 2) REPLACE SNOW MELT CONTROLLER WITH THE FUNCTIONALITY OF THE LOCAL PLC.
- 3) REVISE WIRING FOR SNOW MELT CONTROLLER AND REWIRE TO LOCAL PLC. TERMINATE TO AVAILABLE I/O.
- 4) REPLACE SNOW MELT SYSTEM ACTUATORS AND TEMPERATURE SENSORS.
- 5) EXISTING INSTRUMENT TAGS WILL BE UPDATED PER SPECIFICATIONS.
- 6) INSTRUMENT TAGS WILL BE REDLINED ON DRAWINGS BY CONTRACTOR.



HAULED WASTEWATER BUILDING NO. 1
(FORMERLY HAULED WASTEWATER BUILDING)
HAULED WASTEWATER BUILDING NO. 2
(FORMERLY LEACHATE RECEIVING BUILDING)

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE DATE
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.	NO.	REVISIONS	DATE	BY
	3	ISSUED FOR TENDER	16.03.09	D.R.
	2	ISSUED FOR TENDER REVIEW	16.03.07	D.R.
	1	ISSUED FOR 95% REVIEW	16.01.29	D.R.

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DESIGNED BY: S.L.	CHECKED BY: D.R.
DRAWN BY: E.G.D.	APPROVED BY: S.K.B.
HOR. SCALE: AS NOTED	RELEASED FOR CONSTRUCTION: DATE
VERTICAL: DATE	DATE

ENGINEER'S SEAL
TENDER NO. 952-2015

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
Winnipeg

NORTH END SEWAGE TREATMENT PLANT (NEWPC)
HAULED LIQUID WASTE FACILITY PHASE II UPGRADE
HAULED WASTEWATER BUILDING 2
PROCESS & INSTRUMENTATION DIAGRAM
HEAT RECOVERY VENTILATOR X650-HRV & HEATING PUMP X640-P

CITY DRAWING NUMBER: I-0101Y-A0011-001
SHEET 12 OF 20