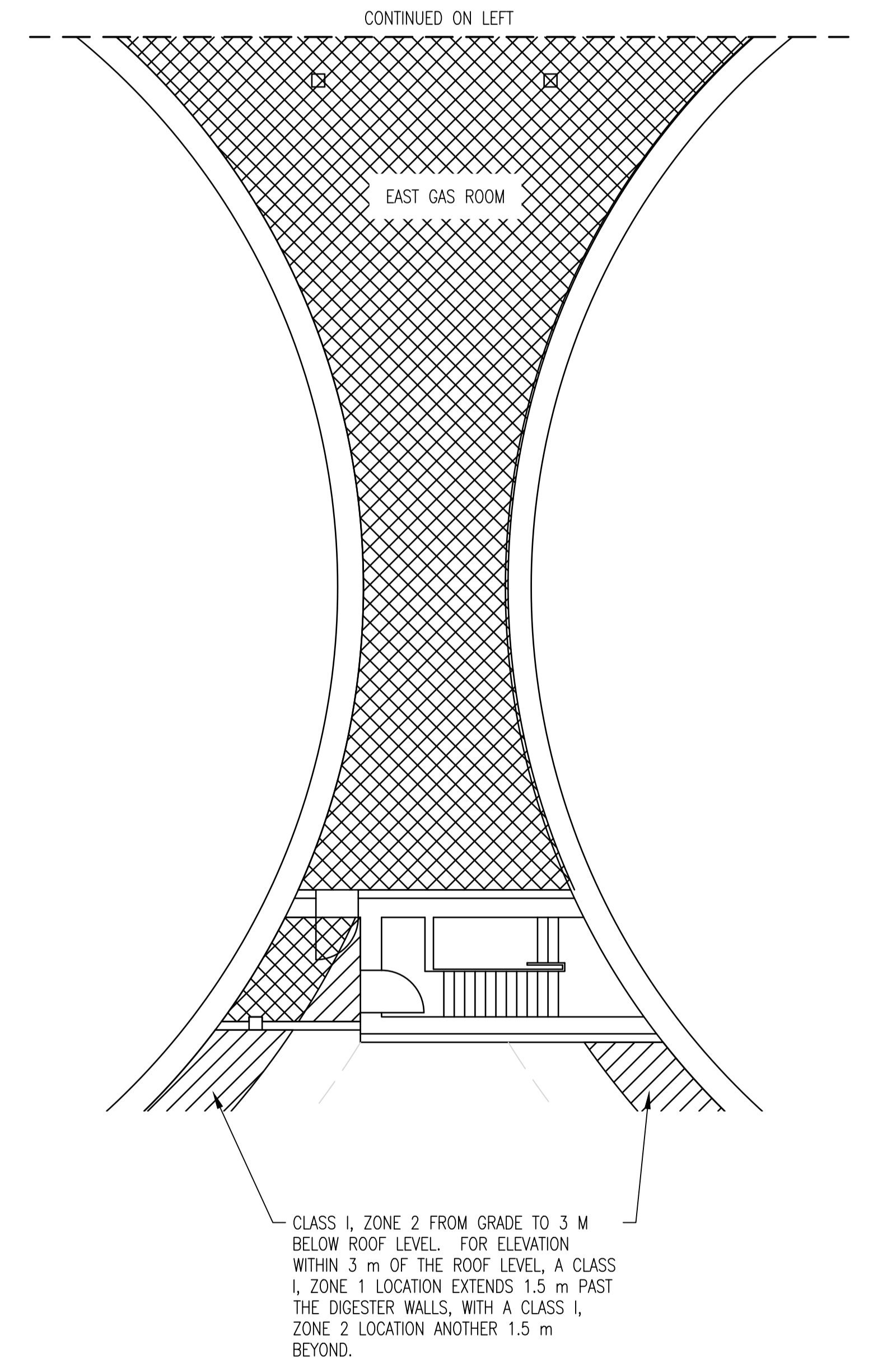


LEGEND:

HAZARDOUS CLASS I, ZONE 1, GROUP IIA

HAZARDOUS CLASS I, ZONE 2, GROUP IIA



- NOTES:**
- ALL ELECTRICAL AND AUTOMATION INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CANADIAN ELECTRICAL CODE REQUIREMENTS INCLUDING SECTIONS 18 AND 22.
 - NFPA 820 WAS USED AS A REFERENCE FOR CREATING THIS DRAWING; HOWEVER, PARTS OF THIS DRAWING ARE NOT IN STRICT CONFORMANCE WITH NFPA 820. AS THIS IS AN EXISTING INSTALLATION AND THE DIGESTERS HAVE A FIXED OPERATING LIQUID LEVEL, THE EXTERIOR OF THE DIGESTER TANK WALLS ARE RATED AS A CLASS I, ZONE 2 LOCATION FROM GRADE TO 3 m BELOW THE DIGESTER ROOF LEVEL. SEE DRAWING 1-0101D-E0022 FOR THE ELECTRICAL CLASSIFICATION ABOVE THIS ELEVATION. ANY CHANGE TO THE OPERATION OF THE DIGESTERS THAT AFFECTS THE DIGESTER GAS SPACE WILL REQUIRE REVIEW OF THE HAZARDOUS CLASSIFICATION.
 - THIS DRAWING INDICATES THE REQUIRED HAZARDOUS CLASSIFICATION, BUT DOES NOT REPRESENT THE COMPLIANCE OF THE EXISTING INSTALLATION. ALL NEW INSTALLATIONS SHALL BE IN ACCORDANCE WITH THIS DRAWING.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS
GEOSCIENTISTS
MANITOBA
Certificate of Authorization
CENGY'S Ltd.
No. 6983

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
	00	ISSUED FOR CONSTRUCTION	2019-08-01	SLF

DESIGNED BY C. REIMER	CHECKED BY C. REIMER
DRAWN BY S. FUNK	APPROVED BY C. REIMER
HOR. SCALE: 1:100	RELEASED FOR CONSTRUCTION: K. SCHIMKE
DATE 2019-05-26	DATE 2019-08-01

ENGINEER'S SEAL

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT
DIGESTERS
HAZARDOUS LOCATION PLAN
DIGESTER EAST GAS ROOM

BID OPPORTUNITY NO. 630-2019	CITY DRAWING NUMBER 1-0101D-E0021-001	SHEET OF 6 OF 44
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