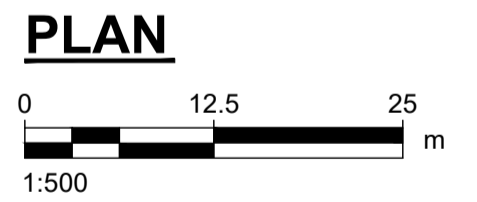


- GENERAL NOTES**
- BOTH MANHOLES SHALL BE CONSIDERED ZONE 2 AREAS WITHIN THE SUMP PITS. HAZARDOUS AREA SHALL EXTEND FROM THE BOTTOM OF THE PIT UPWARDS UNTIL FLUSH WITH THE FINISHED GRADE.
  - ELECTRICAL EQUIPMENT, ENCLOSURES, WIRING WITHIN AND CONNECTIONS IN/FROM ALL ZONE 2 AREAS SHALL BE RATED FOR A MINIMUM OF ZONE 2 AND CATEGORY 2 CORROSIVE ENVIRONMENTS. PERMITTED WIRING METHODS SHALL BE ZONE 2 RATED CABLES WITH GLANDS AND CONDUITS SHALL BE THREADED METAL WITH EXPLOSION-PROOF FITTINGS.
  - INSTALLATION SHALL BE SUITABLE FOR THE ENVIRONMENT IN WHICH IT IS INSTALLED. REFER TO SPECIFICATIONS AND DETAIL DRAWINGS WITHIN THIS PACKAGE FOR ADDITIONAL CABLING AND CONDUIT REQUIREMENTS WITHIN HAZARDOUS AREAS.
  - CONNECT CONTROL PANEL GROUNDS TO WTP GROUNDING SYSTEM. TWO SEPARATE GROUNDING POINTS ARE NOT PERMITTED.
  - LIFT STATION CONTROL PANEL IS SUPPLIED, INSTALLED, AND CONNECTED BY DIVISION 26. PUMP CONTROL SHALL BE COMPLETE AND OPERATIONAL SYSTEM.
  - CONTROL PANEL LOCATION IS APPROXIMATE. PANEL IS NOT PERMITTED WITHIN HAZARDOUS AREA. INSTALL PANEL A MINIMUM OF 1m HORIZONTALLY FROM EDGE OF WELL BARREL AND 1.5m HORIZONTALLY FROM ANY WELL VENTS AND HATCHES.

**LEGEND:**

- CONTROL PANEL
- BURIED CABLE
- SURFACE-RUN CABLE



**NOTICE:**  
THE EXISTENCE, LOCATION AND ELEVATION OF UTILITIES AND/OR CONCEALED STRUCTURES AT THE PROJECT SITE ARE NOT GUARANTEED BY AECOM CANADA LTD.

THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE, LOCATION AND ELEVATION OF ALL SUCH UTILITIES AND/OR STRUCTURES AND IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE COMPANY, DEPARTMENT OR PERSON(S) OF ITS INTENTION TO CARRY OUT ITS OPERATIONS.

**ENGINEERS  
GEOSCIENTISTS  
MANITOBA**

Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671 Date: 2022-09-07

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

NO.	REVISIONS	DATE	DESIGN	CHECK
PB	ISSUED FOR CONSTRUCTION	22/09/06	CR	JG
PA	ISSUED FOR 90%	22/07/18	CR	JG

**AECOM**

DESIGNED BY: CR CHECKED BY: JG  
 DRAWN BY: TW APPROVED BY: KWF  
 SCALE: AS SHOWN RELEASED FOR CONSTRUCTION BY: MATTHEW SKINNER  
 DATE: 2022-09-07 DATE: 2022-09-08

CONSULTANT NO.: E-0001

ENGINEER'S SEAL

ORIGINAL SIGNED  
BY C.L. ROBINSON  
2022-09-06

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

WATER TREATMENT PLANT - FLOOD PROTECTION  
WTP/DBPS  
ELECTRICAL  
SITE PLAN

CITY DRAWING NUMBER: 1-0601B-E0001-001 SHEET: 012 REV.: PB SIZE: A1