



**APEGN**  
Certificate of Authorization  
Tower Engineering Group  
No. 4156 Expiry: April 30, 2020

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMAL NUMBERS INDICATE METRES

TOWER PROJECT NO.: 181654  
**TOWER ENGINEERING GROUP**  
UNIT 1-1140 WINTERLEY ST. WINNIPEG, MB R3T 0P4  
TEL: (204) 925-1150 FAX: (204) 925-1155  
EMAIL: towereng@towereng.ca WEB: www.towereng.ca  
WINNIPEG CALGARY

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**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 210/72 FOR DETAILS

**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.

NO.	REVISIONS	DATE	BY
3	ISSUED FOR TENDER	2019 05 27	DKG
2	ISSUED FOR 99% REVIEW	2019 05 09	DKG
1	ISSUED FOR 66% REVIEW	2019 04 17	DKG

**NEEGAN BURNSIDE**  
DESIGNED BY: DKG  
CHECKED BY: DKG  
DRAWN BY: VRR  
APPROVED BY: DKG  
SCALE: N.T.S.  
HORIZONTAL  
VERTICAL  
DATE: 2019 04 15  
RELEASED FOR CONSTRUCTION  
DATE

ENGINEER'S SEAL  
CONSULTANT DRAWING NUMBER  
E-08

**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT  
ENGINEERING DIVISION  
MISSION FPS UPGRADES  
INSTRUMENTATION WIRING DIAGRAM  
SHEET OF  
CITY DRAWING NUMBER  
1-0163F-E0009-001