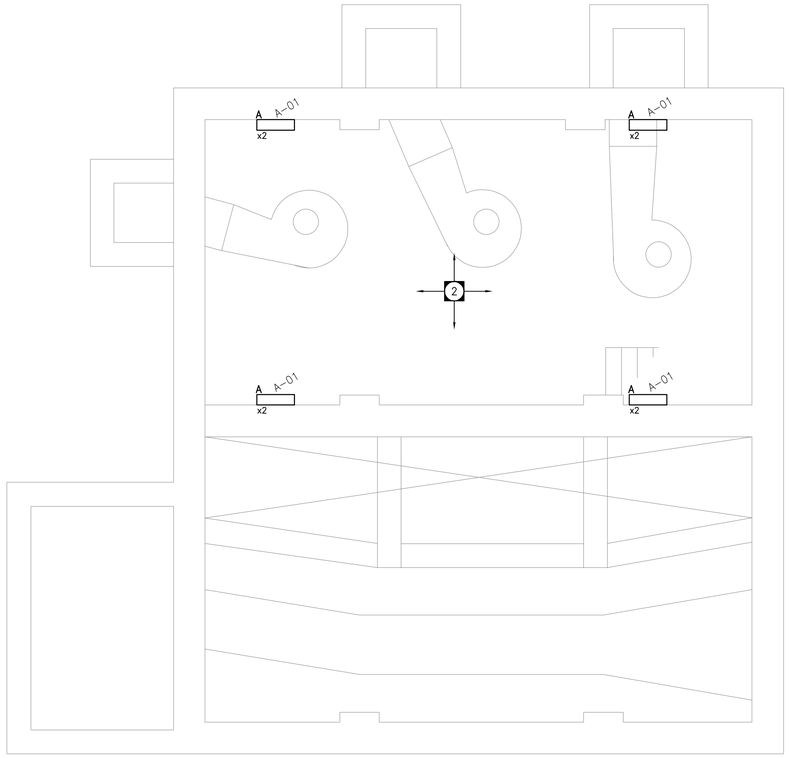
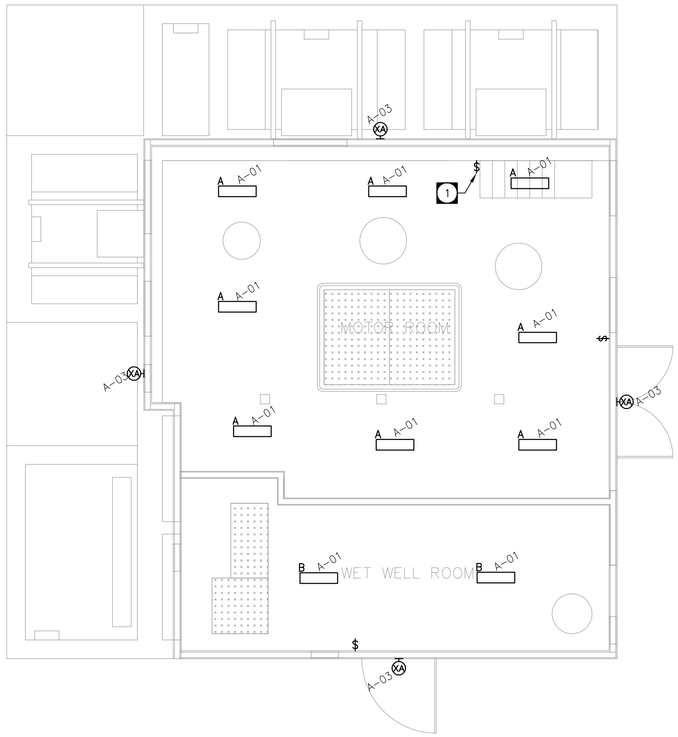


DRY WELL FLOOR PLAN
1 E-02 SCALE: 1:50



MAIN FLOOR PLAN
2 E-02 SCALE: 1:50

GENERAL NOTE

A. PROVIDE DEDICATED AND SEPARATED NEUTRAL CONDUCTOR FOR EACH LIGHTING CIRCUIT. SHARING OF NEUTRAL CONDUCTORS AMONG LIGHTING CIRCUITS ARE NOT ACCEPTABLE. TYPICAL.

B. GATE CHAMBER, WET WELL AND WET WELL ROOM IS CLASSIFIED AS ZONE 1 HAZARDOUS LOCATION AND CATEGORY 2 WET LOCATION. ALL EQUIPMENT AND INSTALLATION METHODS IN THESE AREAS SHALL COMPLY WITH CEC SECTION 18 AND 12.

C. DRY WELL IS CLASSIFIED AS A CATEGORY 1 WET LOCATION. ALL EQUIPMENT AND INSTALLATION METHODS IN THE DRY WELL SHALL COMPLY WITH CEC SECTION 22.

D. PUMP ROOM IS CLASSIFIED AS AN ORDINARY LOCATION.

E. ENSURE ALL ELECTRICAL PENETRATIONS ARE SEALED TO PREVENT PASSAGE OF HAZARDOUS AND CORROSIVE LIQUIDS AND VAPOURS.

DRAWING NOTES:

1. SWITCH FOR DRYWELL LIGHTS.

2. PROVIDE EIGHT (8) TYPE A LIGHTS FOR DRYWELL. MOUNT FOUR (4), 2.4m A.F.F. AND FOUR (4) 4.8m A.F.F. TO PROVIDE EVEN ILLUMINATIONS AT ALL ELEVATIONS IN THE DRYWELL. POSITION LIGHTS AS SHOWN TO AVOID INTERFERENCE WITH PUMP AND WALKWAY REMOVAL WHILE MAINTAINING ACCESS FOR MAINTENANCE. COORDINATE EXACT LOCATION WITH CONTRACT ADMINISTRATOR ON SITE.

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

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

TOWER ENGINEERING GROUP
TOWER PROJECT NO. : 181654
TOWER ENGINEERING GROUP
UNIT 1-1140 WAVERLEY ST. WINNIPEG, MB R3T 0P4
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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.

B.M.
ELEV.

CONSTRUCTION COMPLETION DATE: YYYY MM DD

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

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DESIGNED BY	DKG	CHECKED BY	DKG
DRAWN BY	VRR	APPROVED BY	DKG
SCALE: HORIZONTAL	AS NOTED	RELEASED FOR CONSTRUCTION	
VERTICAL			
DATE	2019 04 15	DATE	

PLOT DATE: 2019-05-27

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER
E-02

TENDER NO. 269-2019
CONTRACT NUMBER: X

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

MISSION FPS UPGRADES

LIGHTING LAYOUT

SHEET OF

CITY DRAWING NUMBER
1-0163F-E0003-001

FILE PATH: T:\181000\181654 C Of W Mission Flood Pumping Station\16000 Electrical\11 Drawings\Working Drawings
FILE NAME: 181654 - E-02 Electrical Lighting Layout