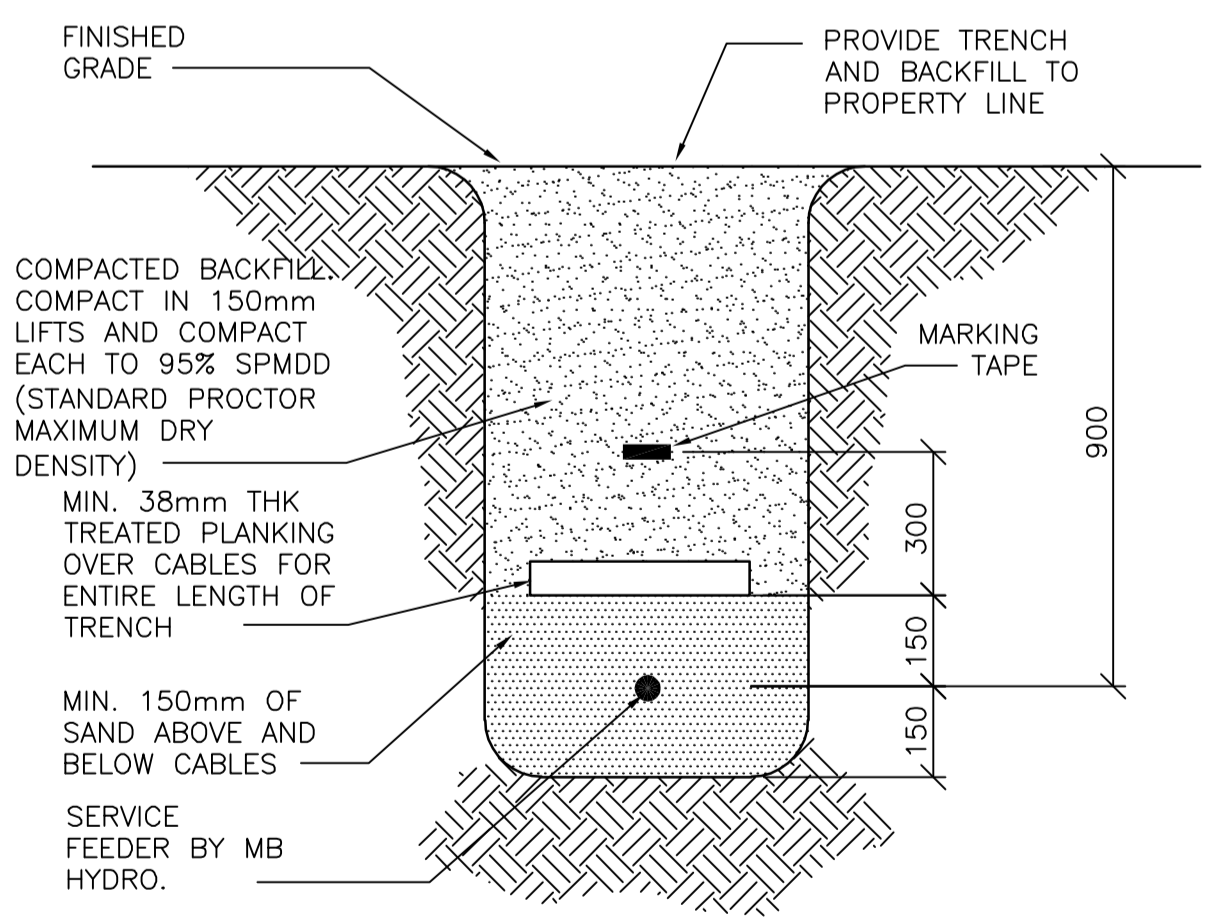


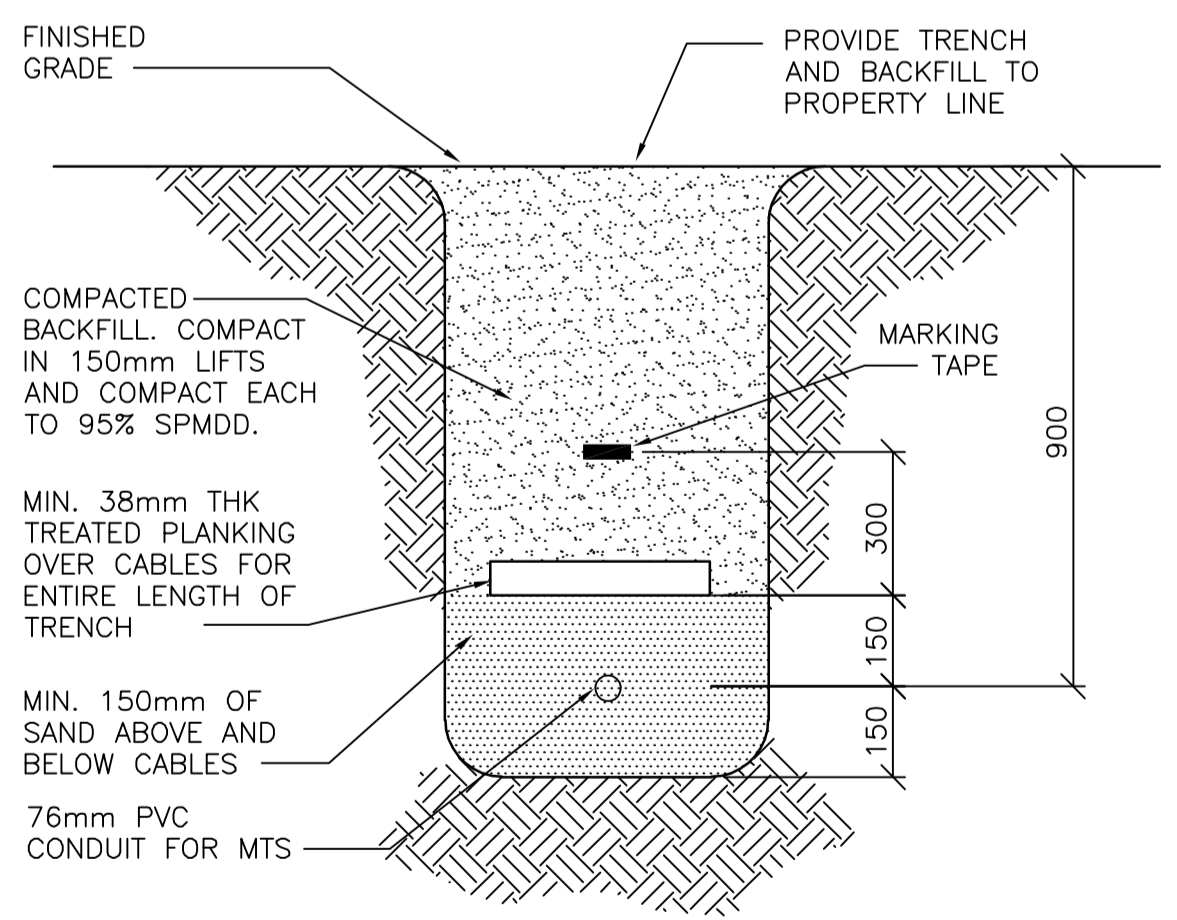
1 SITE PLAN  
1:75

No.	HP	DESCRIPTION	VOLTS	Ø	STARTER TYPE	STARTER LOCATION	CONTROL	FEEDER
P-1	25	LIFT PUMP 1	600	3	SOFT STARTER	WALL MOUNTED ENCLOSED STARTER	AS SHOWN	3C, 8 AWG, TECK90, 1000V
P-2	25	LIFT PUMP 2	600	3	SOFT STARTER	WALL MOUNTED ENCLOSED STARTER	AS SHOWN	3C, 8 AWG, TECK90, 1000V
SP-1	0.6	SUMP PUMP	120	1	-	-	AS SHOWN	2C, 12 AWG, TECK90, 1000V
UH-1	20KW	SUPERSTRUCTURE UNIT HEATER	600	3	-	-	REMOTE T-STAT	3C, 10 AWG, TECK90, 1000V
UH-2	15KW	SUPERSTRUCTURE UNIT HEATER	600	3	-	-	REMOTE T-STAT	3C, 12 AWG, TECK90, 1000V
UH-3	5KW	DRY WELL UNIT HEATER	600	3	-	BUILT-IN THERMOSTAT	REMOTE T-STAT	3C, 12 AWG, TECK90, 1000V
SF-1	0.25	SUPERSTRUCTURE SUPPLY FAN	120	1	2 SPEED MAG. STARTER	HVAC CONTROL PANEL CP-2	AS SHOWN	2C, 12 AWG, TECK90, 1000V
EF-1	0.75	DRY WELL EXHAUST FAN	120	1	2 SPEED MAG. STARTER	HVAC CONTROL PANEL CP-2	AS SHOWN	2C, 12 AWG, TECK90, 1000V
MD-1	F.R.	GENSET INTAKE DAMPER	24	1	-	HVAC CONTROL PANEL CP-2	AS SHOWN	2C, 12 AWG, TECK90, 1000V
MD-2	F.R.	GENSET EXHAUST DAMPER	24	1	-	HVAC CONTROL PANEL CP-2	AS SHOWN	2C, 12 AWG, TECK90, 1000V
MD-3	F.R.	GENSET RECIRC. DAMPER	24	1	-	HVAC CONTROL PANEL CP-2	AS SHOWN	2C, 12 AWG, TECK90, 1000V
MD-4	F.R.	SUPERSTRUCTURE SUPPLY FAN MOT. DAMPER	24	1	-	HVAC CONTROL PANEL CP-2	AS SHOWN	2C, 12 AWG, TECK90, 1000V

A MOTOR SCHEDULE  
N.T.S.



B TRENCH DETAIL  
N.T.S.



C TRENCH DETAIL  
N.T.S.

- NOTES:
- ON AWARD THE CONTRACTOR SHALL COORDINATE WITH MB HYDRO FOR THE PROVISION OF NEW 200A, 347/600V, 3P U/G SERVICE TO THE PUMPING STATION.
  - COORDINATE WITH MTS FOR THE PROVISION OF NEW TELEPHONE LINE TO THE PUMPING STATION. PROVIDE 76mm PVC CONDUIT TO PROPERTY LINE. PROVIDE RECEPTACLE AND BOND AT MTS BACKBOARD AND PULL CORD IN CONDUIT. BACKBOARD SHALL BE 19mm GOOD ONE SIDE PAINTED PLYWOOD.
  - WET WELL IS HAZARDOUS AREA, CLASS 1, ZONE 2. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 18 OF THE CANADIAN ELECTRICAL CODE. WET WELL IS HUMID CORROSIVE AREA. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH CATEGORY 1 & 2, SECTION 22 OF THE CANADIAN ELECTRICAL CODE.
  - DRY WELL IS CLASSIFIED AS AN ORDINARY AREA. HOWEVER, ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH CATEGORY 1 & 2, SECTION 22 OF THE CANADIAN ELECTRICAL CODE.
  - ELECTRICAL ROOM IS CLASSIFIED AS AN ORDINARY AREA.



**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		B.M. ELEV.
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.		
2	ISSUED FOR TENDER	15.12.23 S.T.
1	ISSUED FOR 95% REVIEW	15.12.04 S.T.
NO.	REVISIONS	YY.MM.DD BY

**Stantec**  
500 - 311 Portage Avenue, Winnipeg MB Canada R3B 2B9  
Tel. 204.489.5900 Fax. 204.453.9012 www.stantec.com

DESIGNED BY	S.T.	CHECKED BY	A.M.
DRAWN BY	Q.L.	APPROVED BY	D.R.
HOR. SCALE:	AS. NOTED	RELEASED FOR CONSTRUCTION:	
DATE	2015.11.05	DATE	

ENGINEER'S SEAL  
CONSULTANT DRAWING NO.  
**E-101**

**THE CITY OF WINNIPEG**  
PLANNING, PROPERTY & DEVELOPMENT

Winnipeg

**ST. BONIFACE INDUSTRIAL PARK PHASE 2**  
**WASTEWATER PUMPING STATION**  
SITE PLAN, MOTOR SCHEDULE,  
AND TRENCH DETAIL

SHEET	OF
I	I
CAD FILE DRAWING NUMBER 09351e-101-846.DWG	
CITY DRAWING NUMBER I-0216L-E0101-001	

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