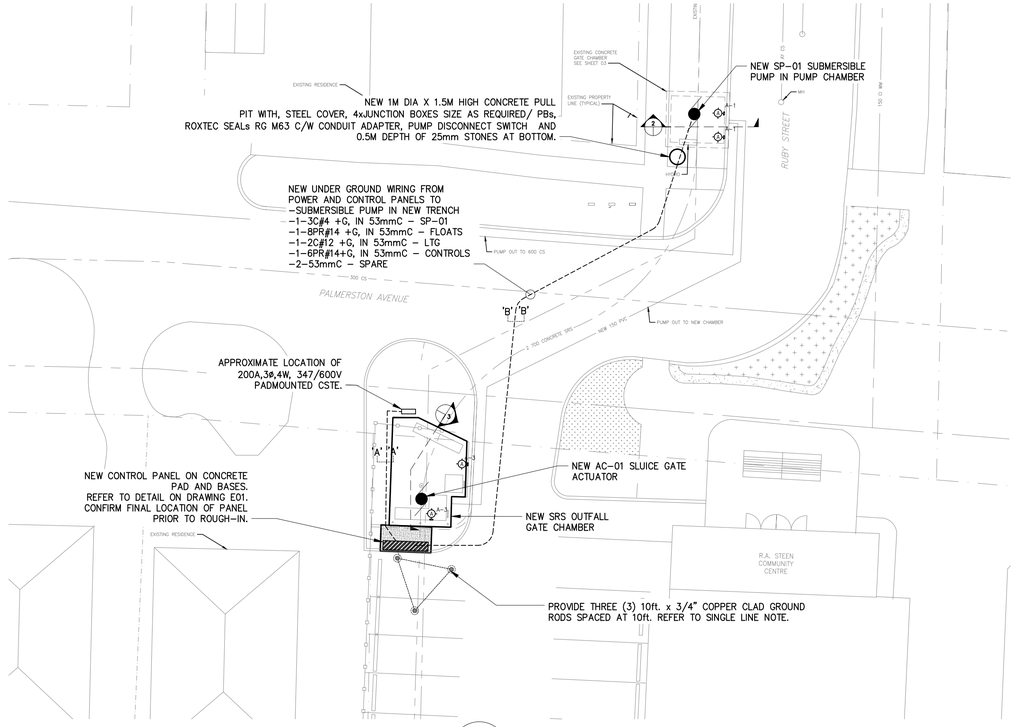
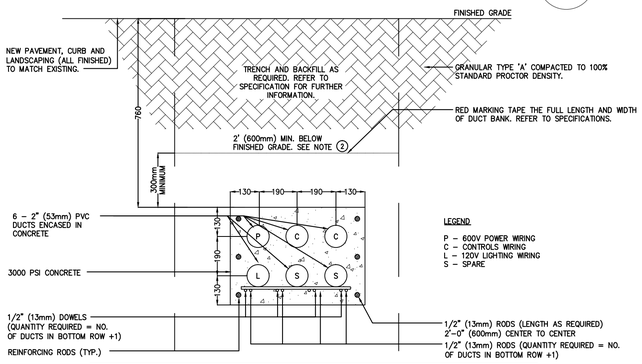
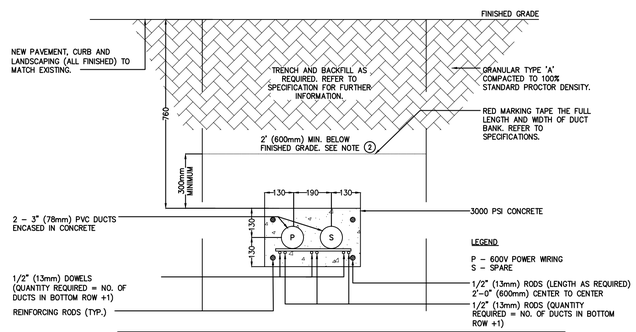


1 ELECTRICAL SITE PLAN
SCALE: 1:200



DUCTBANK DETAIL - SECTION 'A-A'

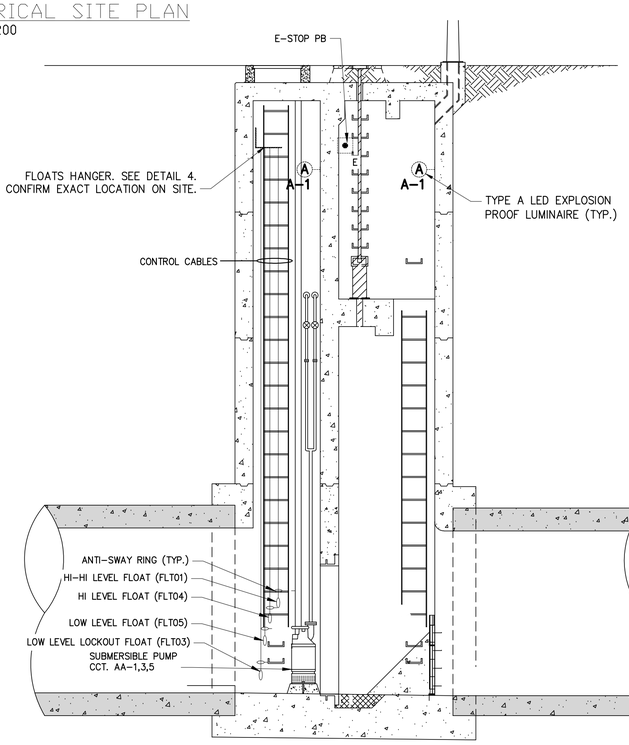


DUCTBANK DETAIL - SECTION 'B-B'

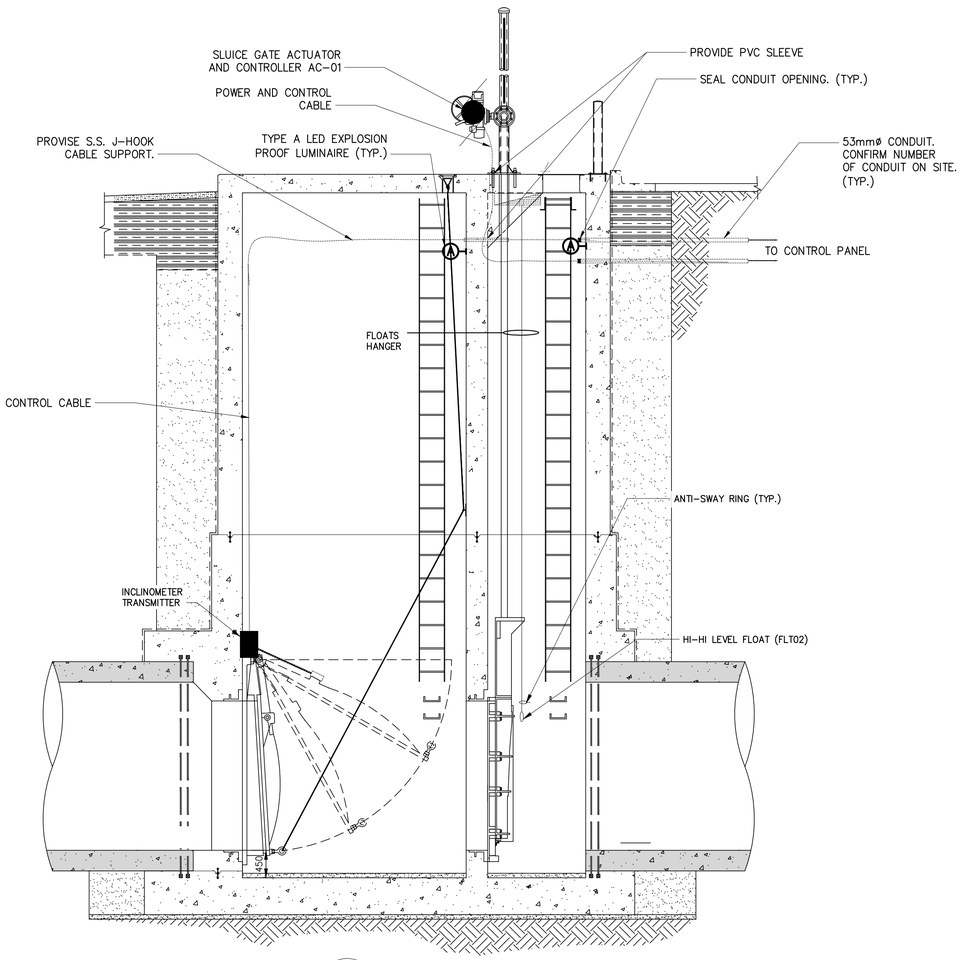
NOTES:

1. DUCTBANK TO BE CONSTRUCTED IN COMPLIANCE WITH CANADIAN ELECTRICAL SAFETY CODE AND LOCAL UTILITY REQUIREMENTS.
2. DISTANCE TO BE VERIFIED ON SITE AT EACH SECTION WHERE THE DUCT BANK CROSSES THE EXISTING (SITE) SERVICES. IF THE ROUTING OF DUCTBANK CANNOT AVOID LOCATION OF EXISTING UNDERGROUND SERVICES WHICH ARE NOT DEEMED TO BE DORMANT, CONTRACTOR SHALL INSTALL DUCTBANK AT A LOWER DEPTH AS REQUIRED TO CLEAR EXISTING UNDERGROUND SERVICES, IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES AND GOVERNING AUTHORITIES HAVING JURISDICTION. REFER TO KNOWN LOCATIONS OF EXISTING UNDERGROUND SERVICES AS APPENDED TO SPECIFICATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING UNDERGROUND SCANNING TO VERIFY LOCATIONS OF EXISTING SERVICES AND INCLUDE ALL COSTS FOR THIS WORK.
3. COORDINATE CONDUIT UPTURN POSITIONS WITH EQUIPMENT LOCATION.

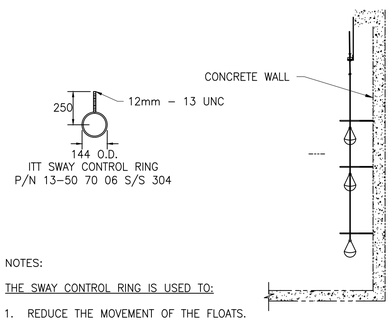
NOTE:
These design documents are prepared solely for the use by the party with whom the design professional has entered into a contract and there are no representations of any kind made by the design professional to any party with whom the design professional has not entered into a contract.



2 SUBMERSIBLE PUMP CHAMBER
SCALE: NTS



3 GATE CHAMBER
SCALE: NTS

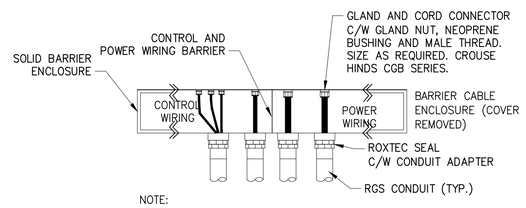


NOTES:

THE SWAY CONTROL RING IS USED TO:

1. REDUCE THE MOVEMENT OF THE FLOATS.
2. AVOID THE POSSIBILITY, IN A TURBULANT ENVIRONMENT, THAT THE FLOAT CABLES BE ENTANGLED TOGETHER AND INTERFERE WITH EACH OTHER FOR PROPER FUNCTIONING.

4 FLOAT HANGER (TYP.)
SCALE: NTS



NOTE:
REFER TO PLAN FOR EXACT NUMBER OF CABLE PENETRATION.

5 WIRING TO CONTROL PANEL(TYP.)
SCALE: NTS

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

APEGM Certificate of Authorization
WSP Canada Inc.
No. 5750 Date: SEP. 07, 2016

NO.	REVISIONS	DATE	BY
1	ISSUED FOR TENDER	09/07/16	HP

G.B.M. -
ELEV. -

WSP | MMM GROUP
1600 BUFFALO PLACE, WINNIPEG, MANITOBA CANADA R3T 6B8
PHONE: 204-477-6650 FAX : 204-474-2864 WWW.WSPGROUP.COM

DESIGNED BY	DG	CHECKED BY	HP
DRAWN BY	DG	APPROVED BY	HP
HOR. SCALE	AS NOTED	RELEASED FOR CONSTRUCTION	
VERTICAL	AS NOTED		
DATE	2016/09/07	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA 09/07/2016 H.N. PROCYSHYN MEMBER 4055 REGISTERED PROFESSIONAL ENGINEER

BID OPPORTUNITY: 789-2016
PLOT DATE: 2016/09/07

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

OUTFALL GATE CHAMBER UPGRADES
RUBY STREET
SRS OUTFALL GATE CHAMBER
ELECTRICAL SITE PLAN AND CHAMBER DETAILS

CONSULTANT DRAWING NUMBER: 5516047 - E02
SHEET: 14 OF: 34
CITY DRAWING NUMBER: LD-7935

Sep 13, 2016 - 1:39pm
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