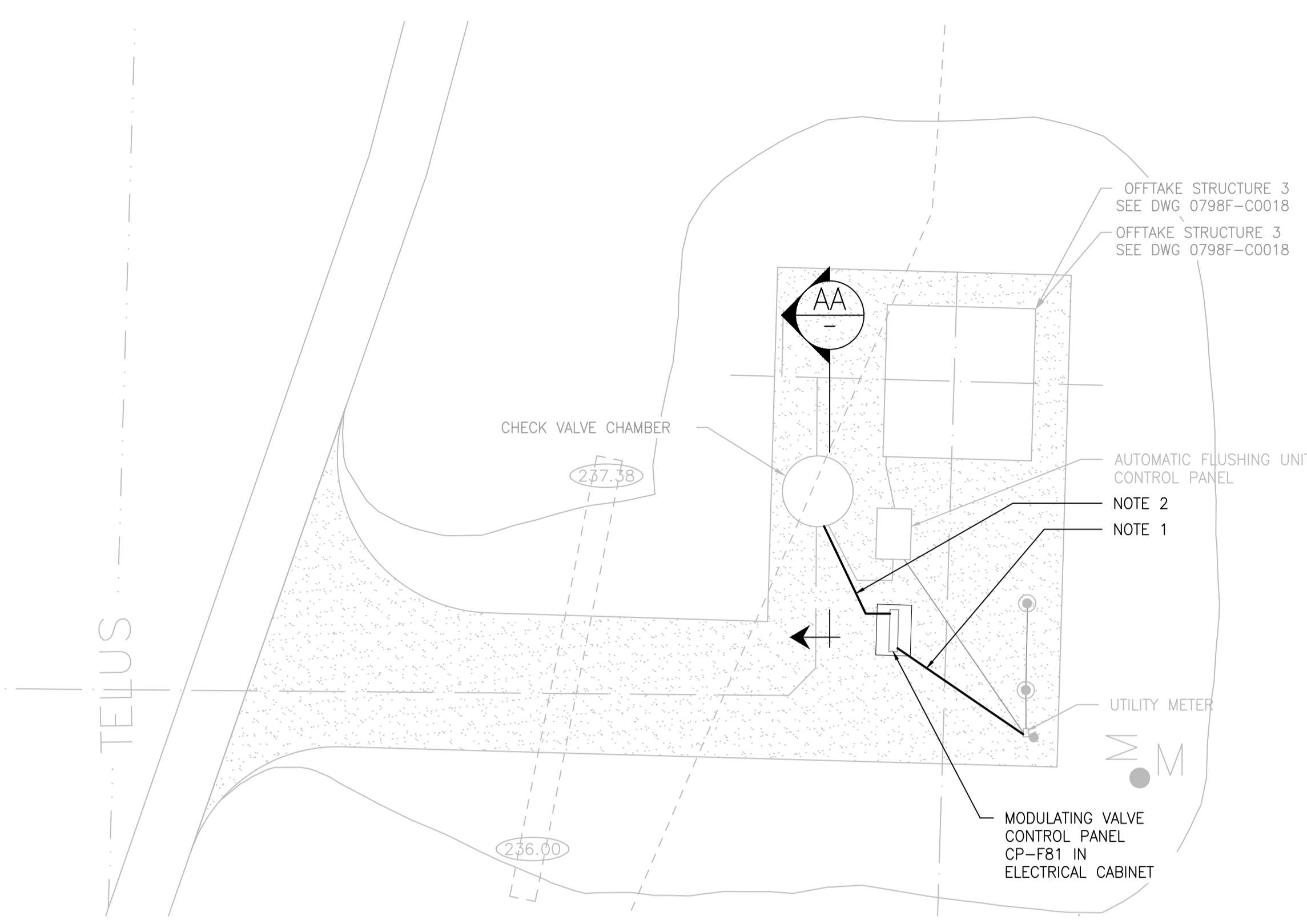


KEY PLAN
SCALE: 1:50,000

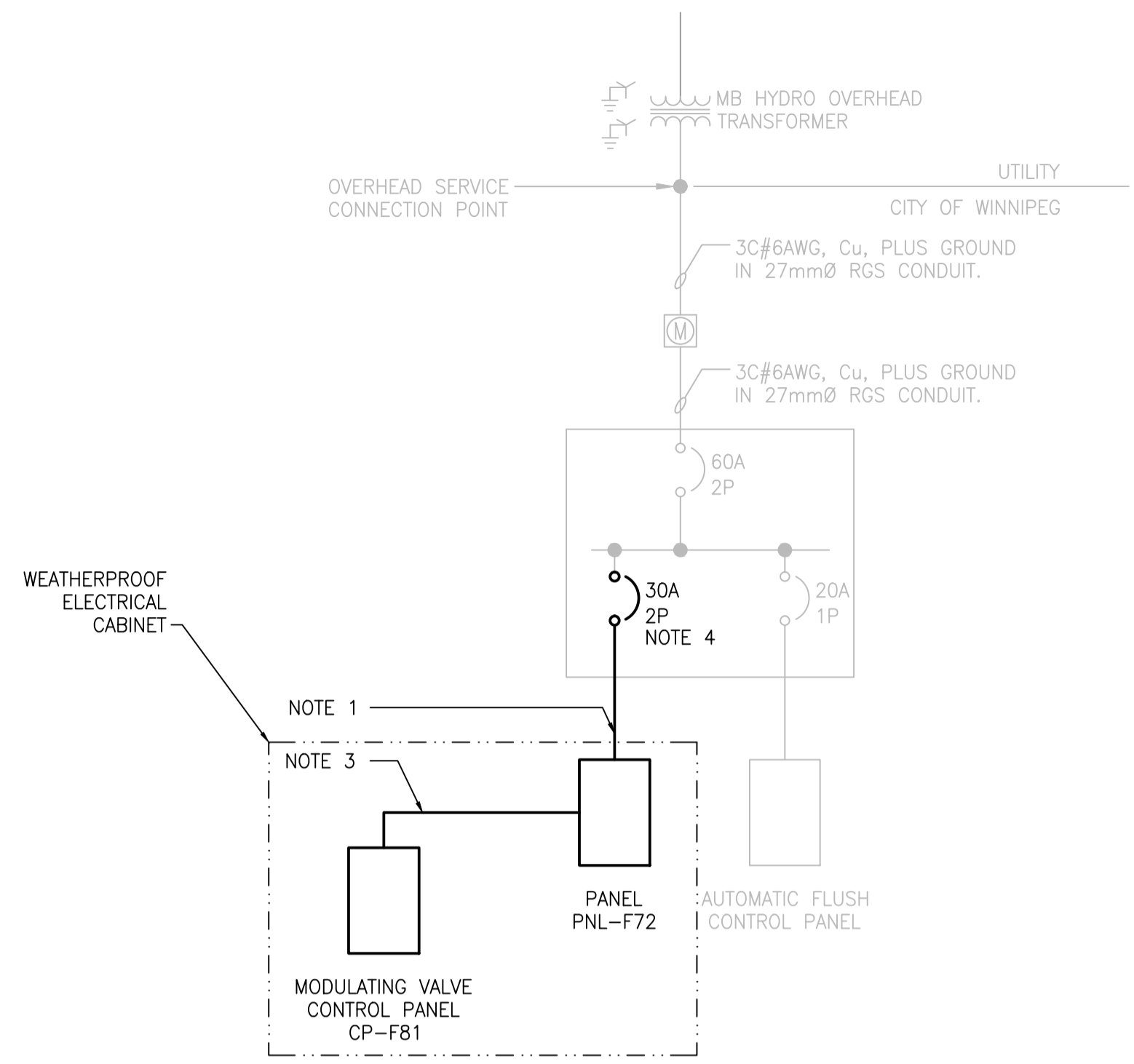
- GENERAL NOTES:**
- 3C #10AWG, Cu PLUS GROUND IN 27mm RIGID PVC CONDUIT. PROVIDE TRENCHING AND BACKFILLING.
 - 2C #12AWG, Cu PLUS GROUND AND 6C #14AWG Cu IN 27mm RIGID PVC CONDUIT. PROVIDE TRENCHING AND BACKFILLING.
 - 2C #12AWG, Cu PLUS GROUND IN 21mm EMT CONDUIT.
 - PROVIDE MATCHING 30A-2P CIRCUIT BREAKER.
 - GREY SHADING DENOTES EXISTING.

LEGEND:

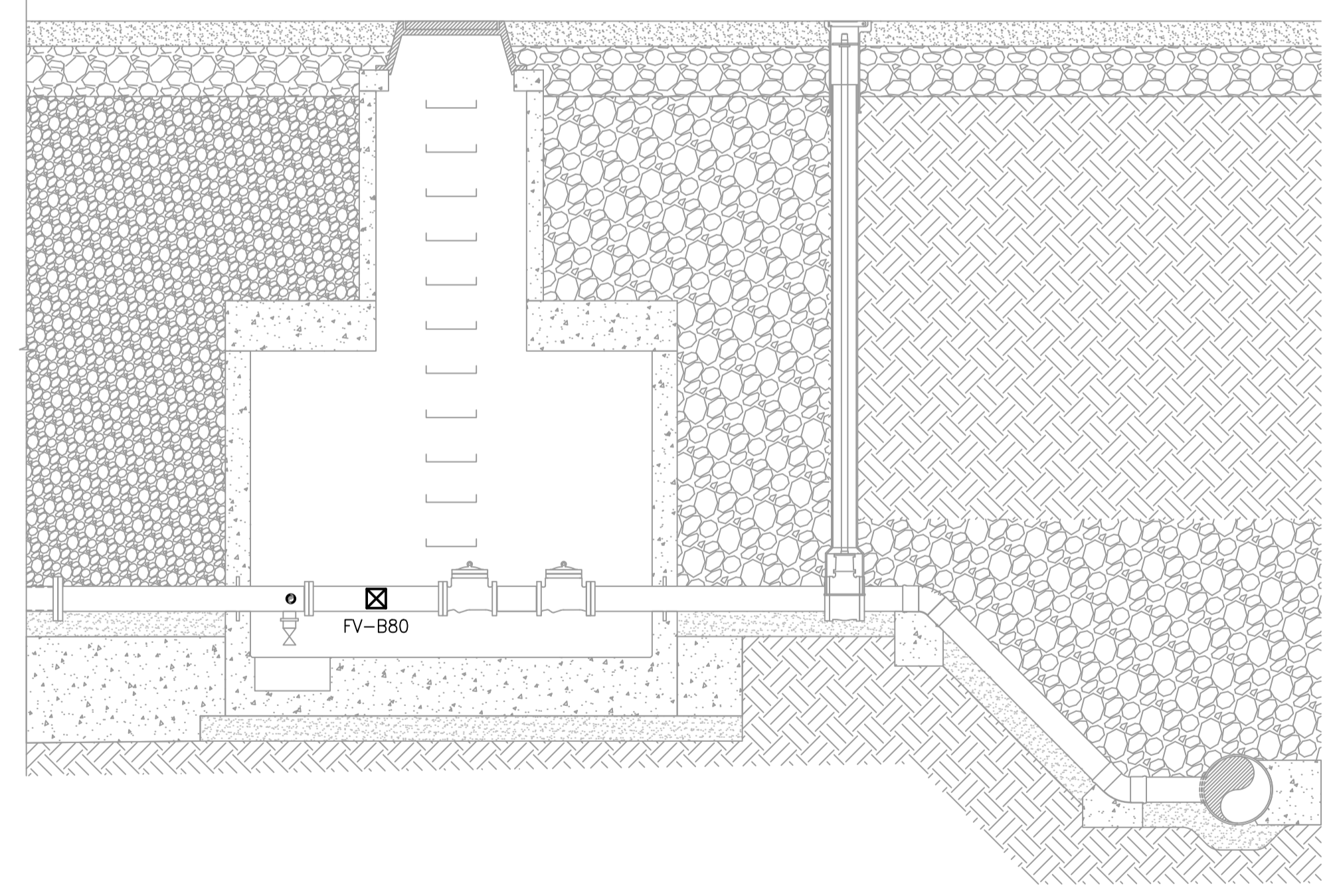
	GROUND ROD
	BURIED OR CONCEALED GROUND CONDUCTOR
	CIRCUIT BREAKER
	UTILITY METER



1 ELECTRICAL SITE PLAN
SCALE: 1:125



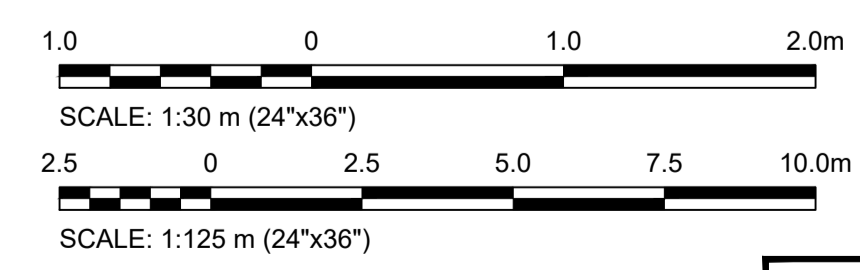
3 SINGLE LINE DIAGRAM
SCALE: N.T.S.



2 OFFTAKE STRUCTURE 3 SECTION A-A
SCALE: 1:30

SUPPLY: 240V 1Ø 3W BUS AMPACITY: 100 BUS MATERIAL: <input checked="" type="checkbox"/> COPPER <input type="checkbox"/> ALUMINUM INCOMING: <input checked="" type="checkbox"/> BREAKER <input type="checkbox"/> LUGS MAIN BREAKER AMPS: SERVICE ENTRANCE RATED: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO BUS AND BREAKER RATING: 14kA		NAME PLATE: <p style="text-align: center; font-size: 1.2em;">PANEL ' F72 '</p>		LOCATION: ELECTRICAL CABINET MOUNTING: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH ENCLOSURE RATING: NEMA 1 MANUFACTURER: SQUARE D MODEL NO: Q0816100DTS BREAKER: <input checked="" type="checkbox"/> PLUG-IN <input type="checkbox"/> BOLT-ON SPD: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO											
NOTE	REV	CCT	DESCRIPTION	VA	P	BKR	L1	L2	BKR	P	VA	DESCRIPTION	CCT	REV	NOTE
	1		ELECTRICAL CABINET INTERIOR LIGHTS	10	1	15	•		15	1	800	ELECTRICAL CABINET HEATER	2		
	3		GFCI RECEPTICLE	500	1	15		•	15	1	-	FV-B80 MODULATING VALVE	4		
	5		CP-F81 CONTROL PANEL	500	1	15	•		15	1	20	PANEL FAN	6		
	7		CP-F81 CONTROL PANEL COOLER	240	1	15		•	15	1	-	SPARE	8		
				LOAD 'L1'		LOAD 'L2'									
				1,330		740									

10	-	-
9	-	-
8	-	-
7	-	-
6	-	-
5	-	-
4	-	-
3	-	-
2	-	-
1	-	-
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
REFERENCE DRAWINGS		



FOR TENDER ONLY
 NOT TO BE USED FOR CONSTRUCTION

**ENGINEERS
 GEOSCIENTISTS
 MANITOBA**
 Certificate of Authorization
KGS Group
 No. 245

B.M. ELEV.	
CONSTRUCTION COMPLETION DATE: YYYY MM DD	
DESIGNED BY	C. ROBINSON
CHECKED BY	D. WILSON
DRAWN BY	F. AHMED
APPROVED BY	D. WILSON
SCALE:	AS SHOWN
RELEASED FOR CONSTRUCTION	
DATE	2024 04 29
DATE	2024 07 12
DATE	2024 06 20
NO.	REVISIONS
1	ISSUED FOR ADDENDUM 2
0	ISSUED FOR TENDER

KGS GROUP

DESIGNED BY: C. ROBINSON
 CHECKED BY: D. WILSON
 DRAWN BY: F. AHMED
 APPROVED BY: D. WILSON
 SCALE: AS SHOWN
 RELEASED FOR CONSTRUCTION

ENGINEER'S SEAL

CONSULTANT DRAWING NUMBER

23-0107-009_E20.1

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

CONSTRUCTION OF A NEW WASTEWATER LIFT STATION - CENTREPORT SOUTH
 REGIONAL WATER AND WASTEWATER SERVICING PHASE 1A (CONTRACT 1A)
 ELECTRICAL
 SITE PLAN
 OFFTAKE STRUCTURE 3

CITY DRAWING NUMBER: 1-0241L-E0021-001
 SHEET 1 OF 1