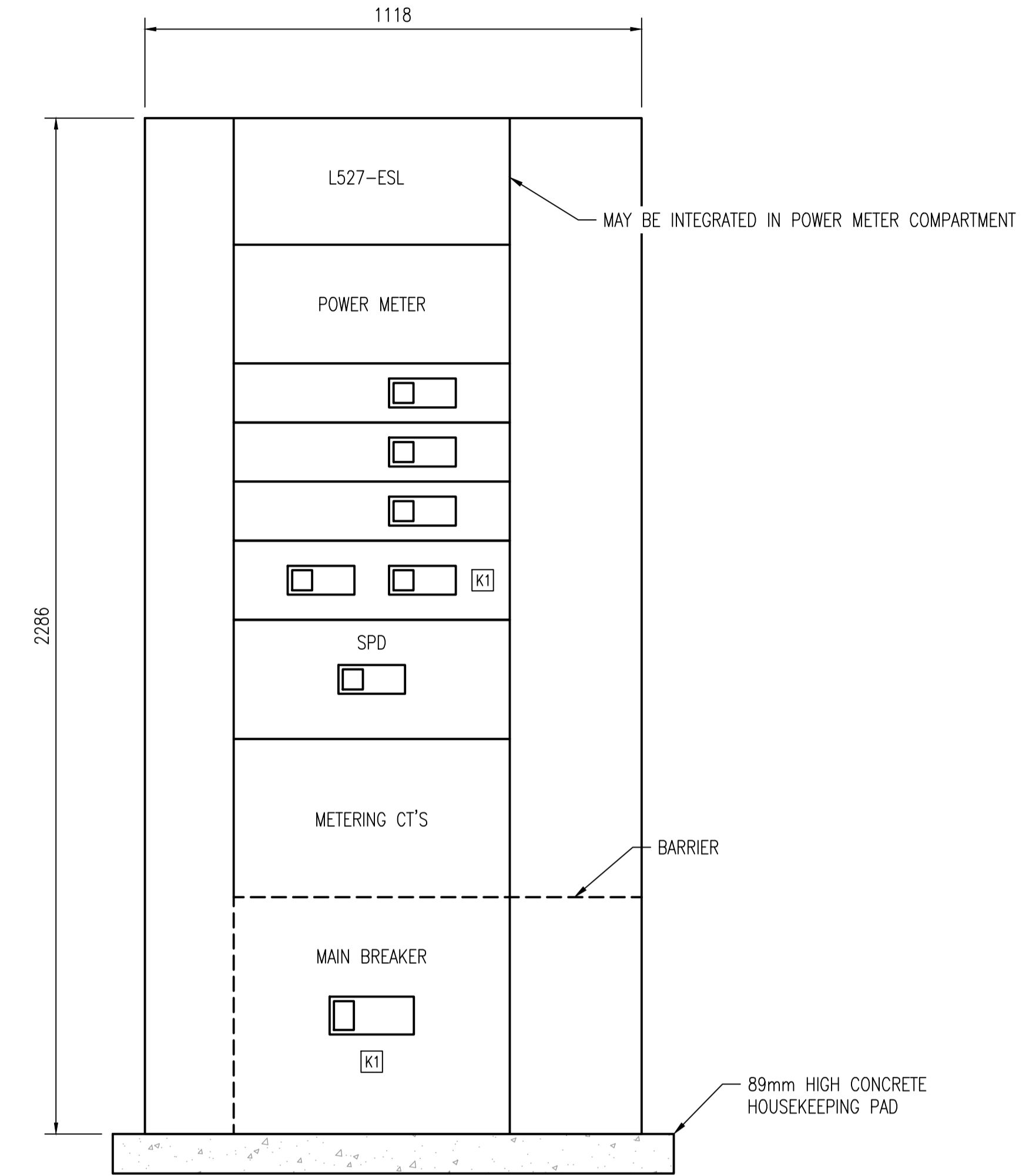


LEGEND:
 K1 KIRK KEY INTERLOCK

PANEL ID: PNL-L1		AMPS: 800A	VOLTS: 600V	PHASE: 3 Ø	WIRE: 3	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input type="checkbox"/>							
DESCRIPTION: 600VAC DISTRIBUTION PANEL		LOCATION: MECHANICAL ROOM												
MFG / MODEL:		INTERRUPTING RATING: 25 kA												
MAIN BREAKER: 800A, LSI		INST. SETTINGS:												
CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A	B	C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.
1									33580	175AT				2
3	SPACE								33580	225AF	2/0		VFD-P-L2	4
5									33580	LSI				6
7									33580	175AT				8
9	SPACE								33580	225AF	2/0		VFD-P-L3	10
11									33580	LSI				12
13					250				250					14
15	SPACE				250				250	15	12		AHU-L1	16
17					250				250					18
19					81250				81250					20
21	MCC-L2		2-3/0	400	81250				81250	400	500	1	TEMPORARY GENERATOR	22
23					81250				81250					24
TOTAL CONNECTED LOAD:		446.0 KVA	PHASE A: 148.7 kVA		428.4 A							NOTE LEGEND:		
			PHASE B: 148.7 kVA		428.4 A							AFCI ARC FAULT CIRCUIT INTERRUPTOR		
			PHASE C: 148.7 kVA		428.4 A							GFCI GROUND FAULT CIRCUIT INTERRUPTOR		
												LKON LOCKED ON BREAKER		
												LKOR RED LOCKED ON BREAKER		
NOTES:		1. KIRK KEY INTERLOCKED WITH MAIN BREAKER.												
		2. PANEL TO BE SERVICE ENTRANCE RATED WITH A BARRIER.												



MAIN DISTRIBUTION PANEL ELEVATION
 SCALE: NTS



SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL ORIGINAL DRAWING SEALED BY: C. J. REIMER SNC-LAVALIN MEMBER #21968 2012/02/23 REV. 00	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT MONTCALM WASTEWATER PMPING STATION 2011 UPGRADES PNL-L1 SCHEDULE AND ELEVATION
DESIGNED BY: B. CLEVEN DRAWN BY: M.J. PERSSON SCALE: NTS DATE: 2011/09/21	CHECKED BY: C. REIMER APPROVED BY: C. REIMER RELEASED FOR CONSTRUCTION BY: K. R. ZUREK DATE: 2012/02/23	CITY DRAWING NUMBER 1-0164L-E0014	SHEET REV. SIZE 001 00 A1
CONSULTANT NO.: 508042-0000-47DD-0014		CITY DRAWING NUMBER 1-0164L-E0014	