



1 ELECTRICAL SINGLE LINE DIAGRAM
N.T.S.

PANEL "PNL-L1"		347/600V, 3 ϕ , 4W						225A MAINS	
DESCRIPTION	CCT.	BRK AMP	A	B	C	BRK AMP	CCT.	DESCRIPTION	
MAIN BREAKER SERVICE ENTRANCE RATED	1	200					2	SPACE	
	3						4		
	5						6		
	7						8		
MAIN BREAKER "NORMAL"	9	200				200	10	MAIN BREAKER "STANDBY"	
	11						12		

A PANEL "PNL-L1" SCHEDULE
N.T.S.

PANEL "PNL-L2"		347/600V, 3 ϕ , 4W						225A MAINS	
DESCRIPTION	CCT.	BRK AMP	A	B	C	BRK AMP	CCT.	DESCRIPTION	
MAIN BREAKER "NORMAL" (KIRK KEY)	1	200				200	2	MAIN BREAKER "STANDBY" (KIRK KEY)	
	3						4		
	5						6		
PUMP P-1	7	40				40	8	PUMP P-2	
	9						10		
	11						12		
TRANSFORMER T-1 15kVA, 600/120-208V, 3P	13	20				30	14	UNIT HEATER UH-1	
	15						16		
	17						18		
UNIT HEATER UH-2	19	20				15	20	UNIT HEATER UH-3	
	21						22		
	23						24		
TVSS	25	30					26	SPACE	
	27						28		
	29						30		
SPACE	31						32	SPACE	
	33						34		
	35						36		

B PANEL "PNL-L2" SCHEDULE
N.T.S.

PANEL "PNL-L3"		120/208V, 3 ϕ , 4W						100A MAINS	
DESCRIPTION	CCT.	BRK AMP	A	B	C	BRK AMP	CCT.	DESCRIPTION	
SUPERSTRUCTURE LIGHTING, EMERGENCY, EXIT	1	15				15	2	SUPERSTRUCTURE RECEPTACLES (5)	
SPARE	3	15				15	4	CONTROL PANEL	
SPARE	5	15				15	6	HVAC PANEL	
EXTERIOR LIGHTING	7	15				20	8	SUMP PUMP SP-1	
DRY WELL EXHAUST FAN EF-1	9	15				15	10	SUPERSTRUCTURE SUPPLY FAN SF-1	
HOIST	11	20				20	12	SPARE	
	13					20	14	SPARE	
SPARE	15	40				20	16	SPARE	
	17					30	18	SPARE	
SPARE	19	15				15	20	SPARE	
SPARE	21	15				15	22	SPARE	
SPARE	23	15				15	24	SPARE	
SPARE	25	15				15	26	SPARE	
SPARE	27	15				15	28	SPARE	
SPARE	29	15				15	30	SPARE	

C PANEL "PNL-L3" SCHEDULE
N.T.S.

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METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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.	NO.	REVISIONS	DATE	BY
	2	ISSUED FOR TENDER	15.12.23	S.T.
	1	ISSUED FOR 95% REVIEW	15.12.04	S.T.
			YY.MM.DD.	

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DESIGNED BY: S.T. CHECKED BY: A.M.
DRAWN BY: Q.L. APPROVED BY: D.R.

HOR. SCALE: AS. NOTED RELEASED FOR CONSTRUCTION: DATE
VERTICAL: DATE

DATE: 2015.11.05

ENGINEER'S SEAL

CONSULTANT DRAWING NO. E-103

THE CITY OF WINNIPEG
PLANNING, PROPERTY & DEVELOPMENT

Winnipeg

ST. BONIFACE INDUSTRIAL PARK PHASE 2
WASTEWATER PUMPING STATION
ELECTRICAL SINGLE LINE DIAGRAM AND PANEL SCHEDULES

SHEET I OF I
CAD FILE DRAWING NUMBER 09351e-102-846.DWG
CITY DRAWING NUMBER I-0215L-E0103-001

