



SINGLE LINE DIAGRAM
N.T.S.

MAIN LUGS 125 AMP MAIN BUS SURFACE MOUNT	<u>PANEL A</u>						120/208 VOLTS, 3 PHASE, 4 WIRE 24 CIRCUIT
DESCRIPTION	LOAD [W]	BREAKER	CCT NUMBER		BREAKER	LOAD [W]	DESCRIPTION
PUMP STATION LIGHTS	-	15ASP	1	2	20ASP	-	PUMP STATION RECEPTACLES
ELECTRICAL ROOM LIGHTS	-	15ASP	3	4	20ASP	-	ELECTRICAL ROOM RECEPTACLES
EXTERIOR LIGHTS	-	15ASP	5	6	15ASP	-	PUMP STATION CONTROL DAMPERS
CONTROL PANEL CP-1	-	15ASP	7	8	15ASP	-	ELECTRICAL BUILDING CONTROL DAMPERS-
FIRE ALARM/PANEL	-	15ASP	9	10	-	-	-
INTRUSION ALARM PANEL	-	15ASP	11	12	-	-	-
ELECTRICAL ROOM HEAT PUMP	-	20A2P	13	14	30A2P	5000	GENERATOR BLOCK HEATER
			15	16			
			17	18	15ASP	1000	GENSET STRIP HEATER
-	-	-	19	20	15ASP	-	GENSET BATTERY CHARGER-
-	-	-	21	22	15ASP	-	GENSET LOUVER MOTORS-
			23	24	-	-	-

PANEL SCHEDULE
N.T.S.

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PRELIMINARY
DO NOT USE FOR CONSTRUCTION

REFERENCE DRAWINGS			
DRAWING NO	DRAWING DESCRIPTION/TITLE	REF	
WPS-00-E-42-001	P-101 CONTROL SCHEMATIC	1	
WPS-00-E-42-006	EF-003 CONTROL SCHEMATIC	2	
WPS-00-E-42-007	FN-004 CONTROL SCHEMATIC	3	
WPS-00-E-21-001	POWER AND CONTROL LAYOUT	4	

[illegible]

TITLE:				
<h1>ELECTRICAL SINGLE LINE DIAGRAM</h1>				
PROJECT NO:	536.026	DSGN:	SLT	DATE: 24/10/20
RDN PROJECT NO:	WW-0036			
DRAWING SIZE:	ANSI "D"	CHKD:	KBS	DATE: 24/10/24
SCALE:	AS NOTED	APVD:	SLT	DATE: 24/11/01

PROJECT:	
WELLINGTON PUMP STATION SOUTH SITE - EARLY WORKS	
DWG NO:	REV:
WPS-00-E-10-001	0