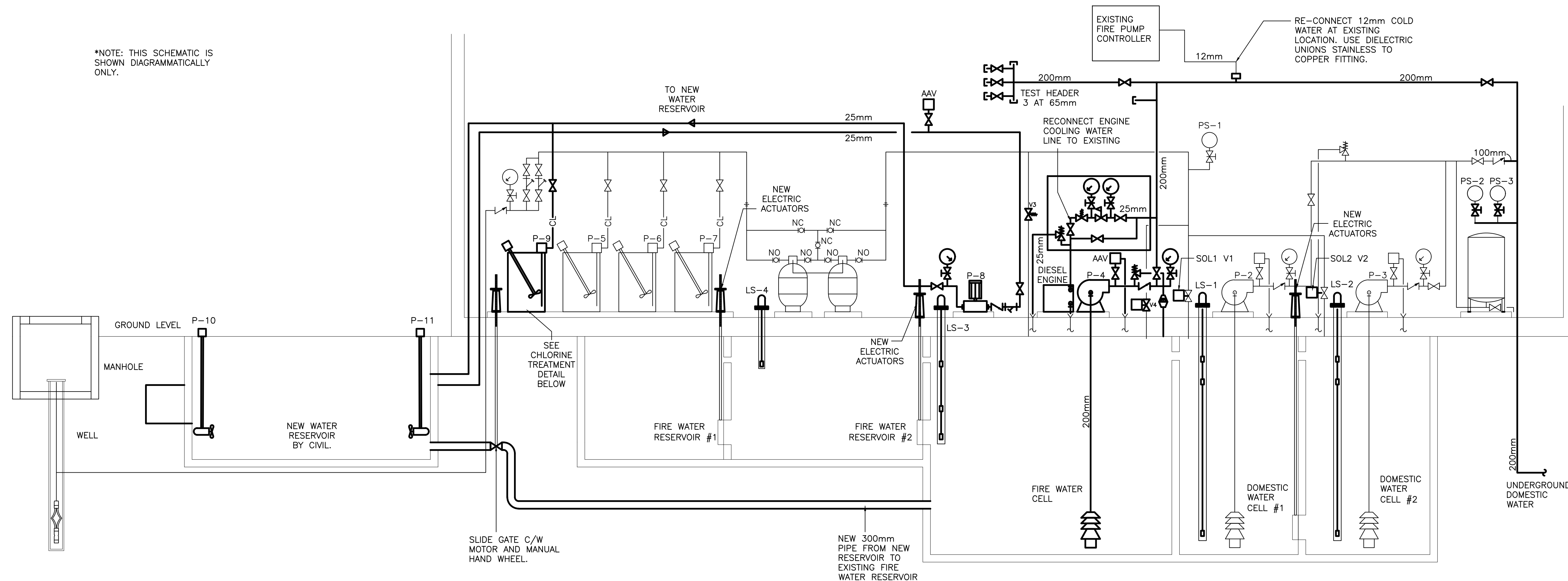
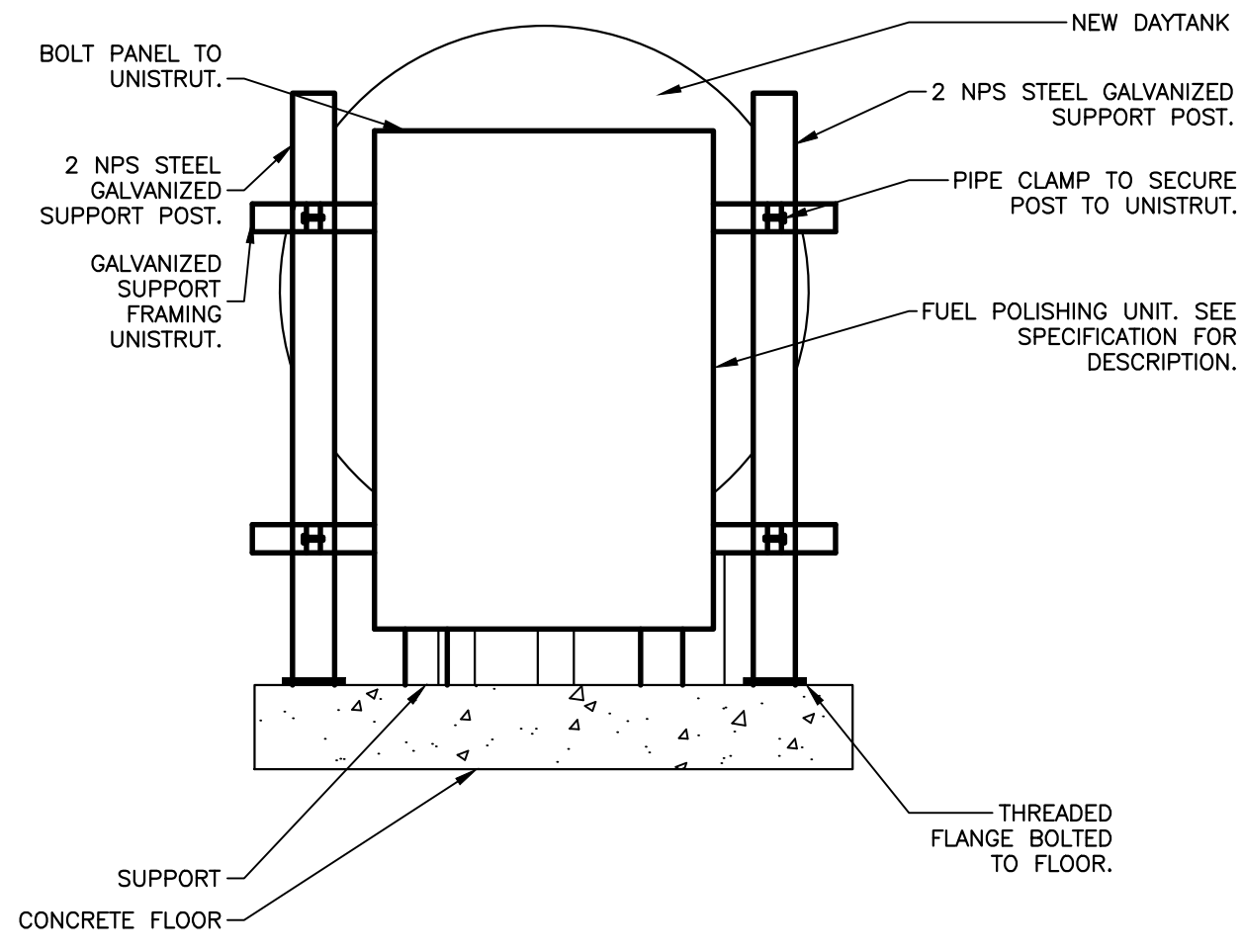


CO2	REVISED FOR TENDER	04/01/2022
CO1	ISSUED FOR TENDER	03/04/2022
revisions		date
project	ST. ANTHONY AIRPORT FIRE PUMP REPLACEMENT NEWFOUNDLAND-LABRADOR	

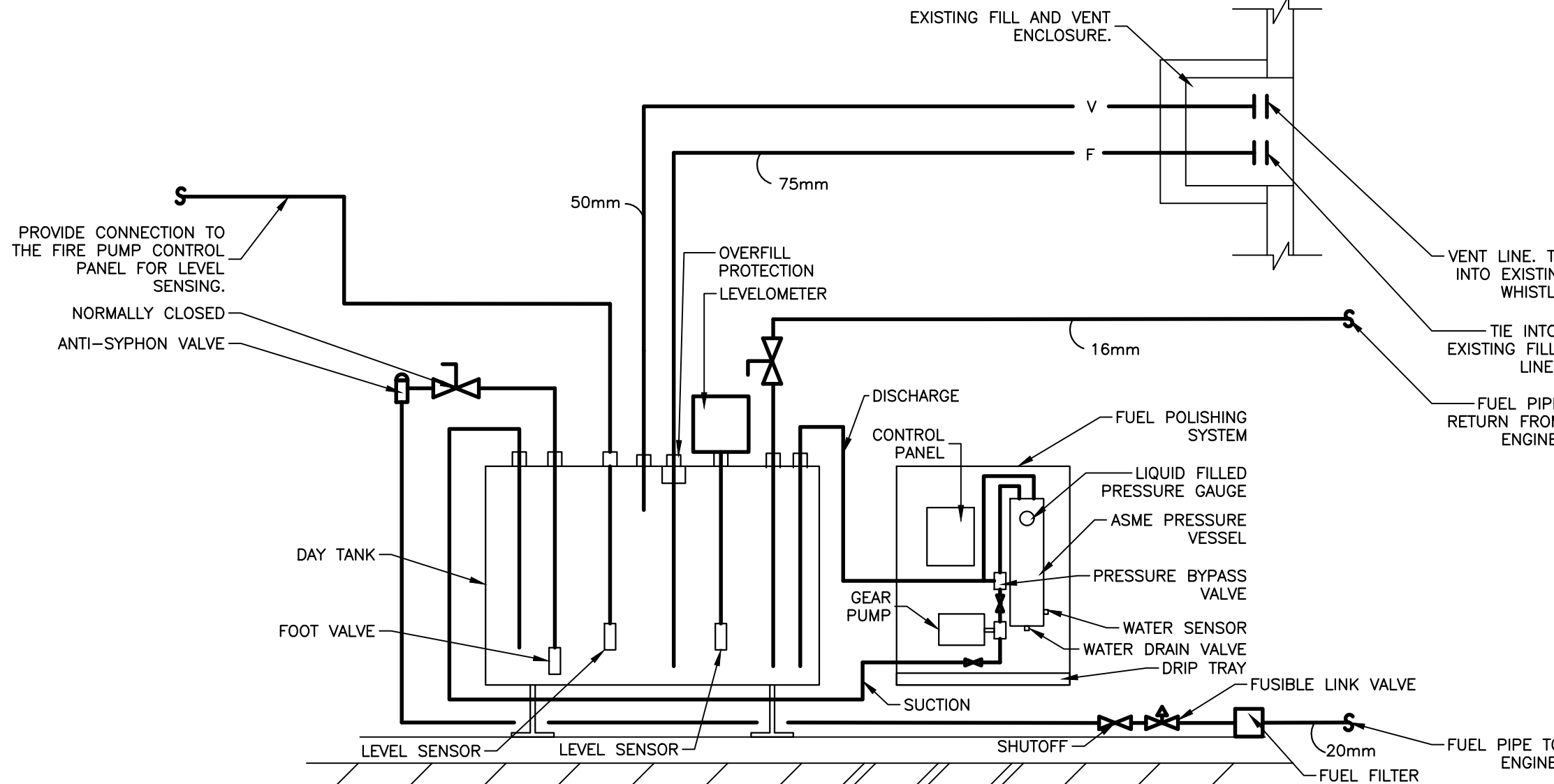
drawing	design
MECHANICAL SCHEMATICS AND SCHEDULES	
designed D. MORRIS	conçu
date 2022.03.04	no. du projet
drawn B. DAWSON	dessiné
date 2022.03.04	no. du projet
approved S. LUNDRIKAN	approuvé
date 2022.03.04	no. du projet
Tender	Soumission
PWGSC Project Manager	Administrateur de projets TPSGC
project number	no. du projet
R.104845.001	
drawing no.	no. du dessin
M4	



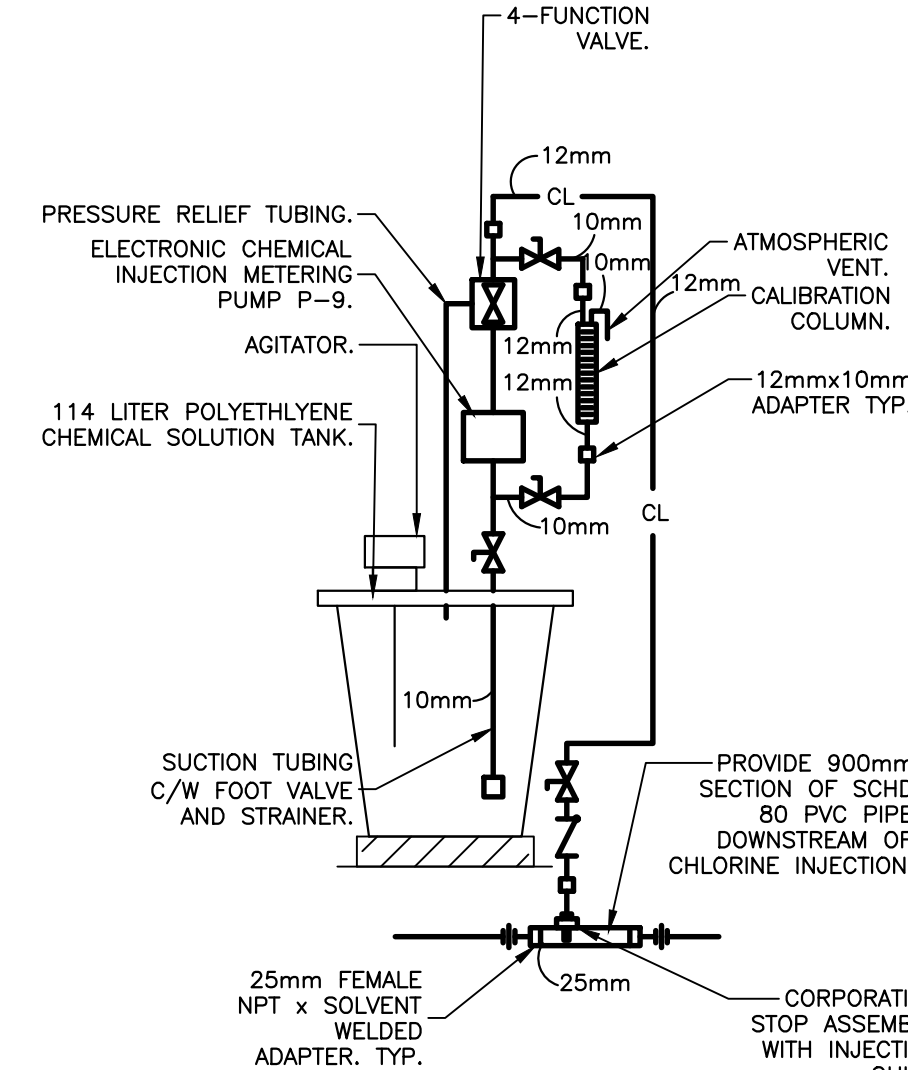
MECHANICAL SCHEMATIC
N.T.S.



FUEL POLISHING UNIT
N.T.S.



FUEL SYSTEM SCHEMATIC
N.T.S.



CHLORINE TREATMENT DETAIL
N.T.S.

FAN SCHEDULE																	
TAG	TYPE	MANUFACTURER	MODEL	AIRFLOW (L/s)	S.P. (Pa)	SPEED (RPM)	DRIVE	CURB	MOTOR (HP)	ELECTRICAL DATA			DISCONNECT	FIRESTAT	BACKDRAFT DAMPER	VIBRATION ISOLATION	COATING
										(VOLTS)	(PH.)	(Hz)					
F-1	WALL-MOUNT PROPELLER PANEL	---	P16	1515	37	1550	DIRECT	NO	1/2	120	1	60	NO	NO	NO	NO	STANDARD

PUMP SCHEDULE											
TAG	TYPE	MODEL	FLOW (L/s)	DYNAMIC HEAD (m)	MOTOR SIZE (HP)	ELECTRICAL DATA			DISCH SIZE (NPS)	STATIC WATER LEVEL T.O.C. (m)	REMARKS
						(VOLTS)	(PH.)	(Hz)			
P8	INLINE CENTRIFUGAL	PL-55	0.630	10	.4	240	1	60	1	6.1	-
P10 & P11	MIXER	4640	-	-	-	240	1	60	-	-	MIXER IS TWO BLADE TYPE, STAINLESS STEEL, THRUST PRODUCED 296N, 0.32M/S, 1.7 KW SHAFT POWER, 2.3KW MAX INPUT POWER, 1 PH, 60 HZ, 4 POLE, 1675 RPM, 211MM DIAMETER IMPELLER, WITH JET RING AND VORTEX SHIELD. ON/OFF CONTROL BASED ON CHLORINE INJECTION RATE.

