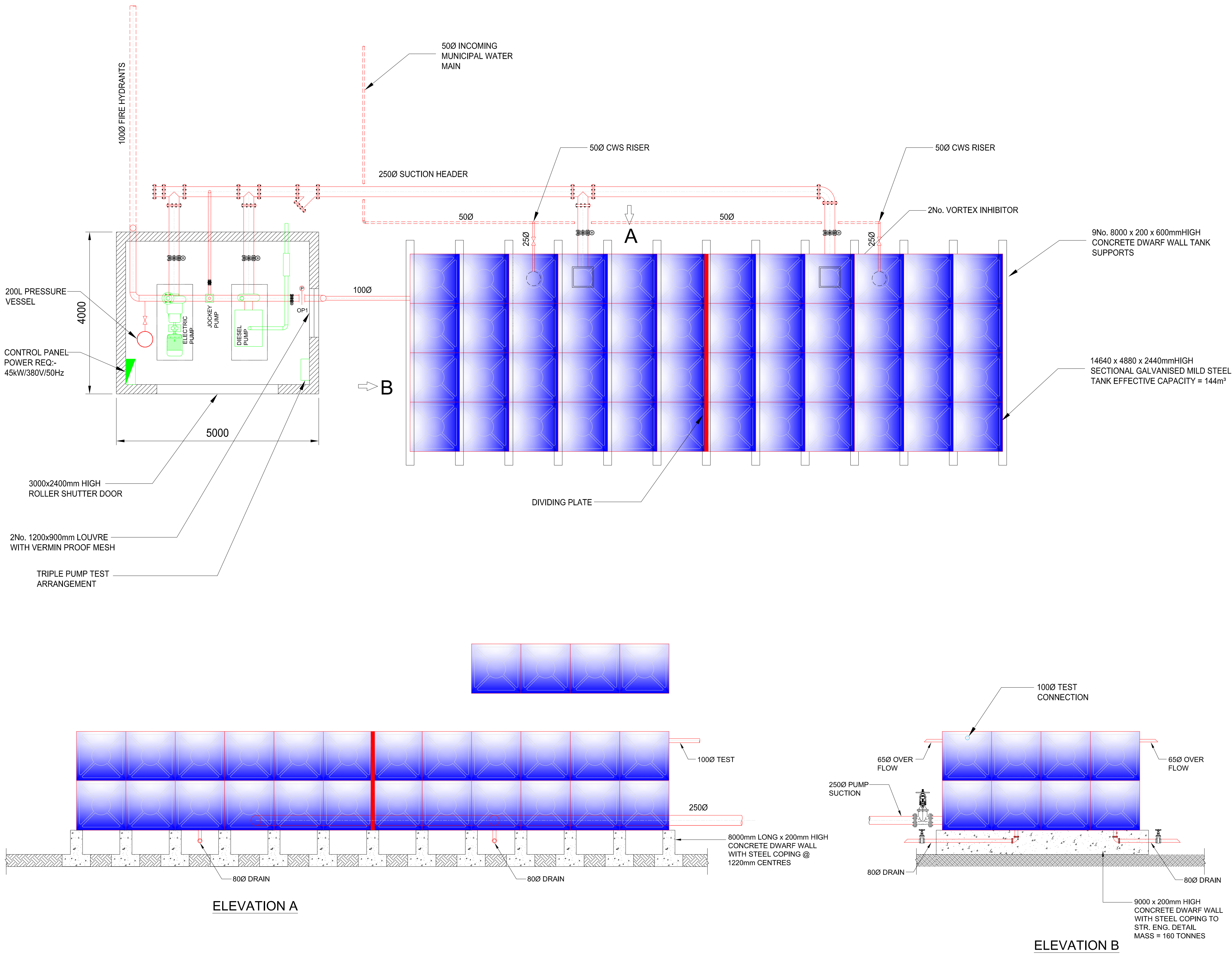




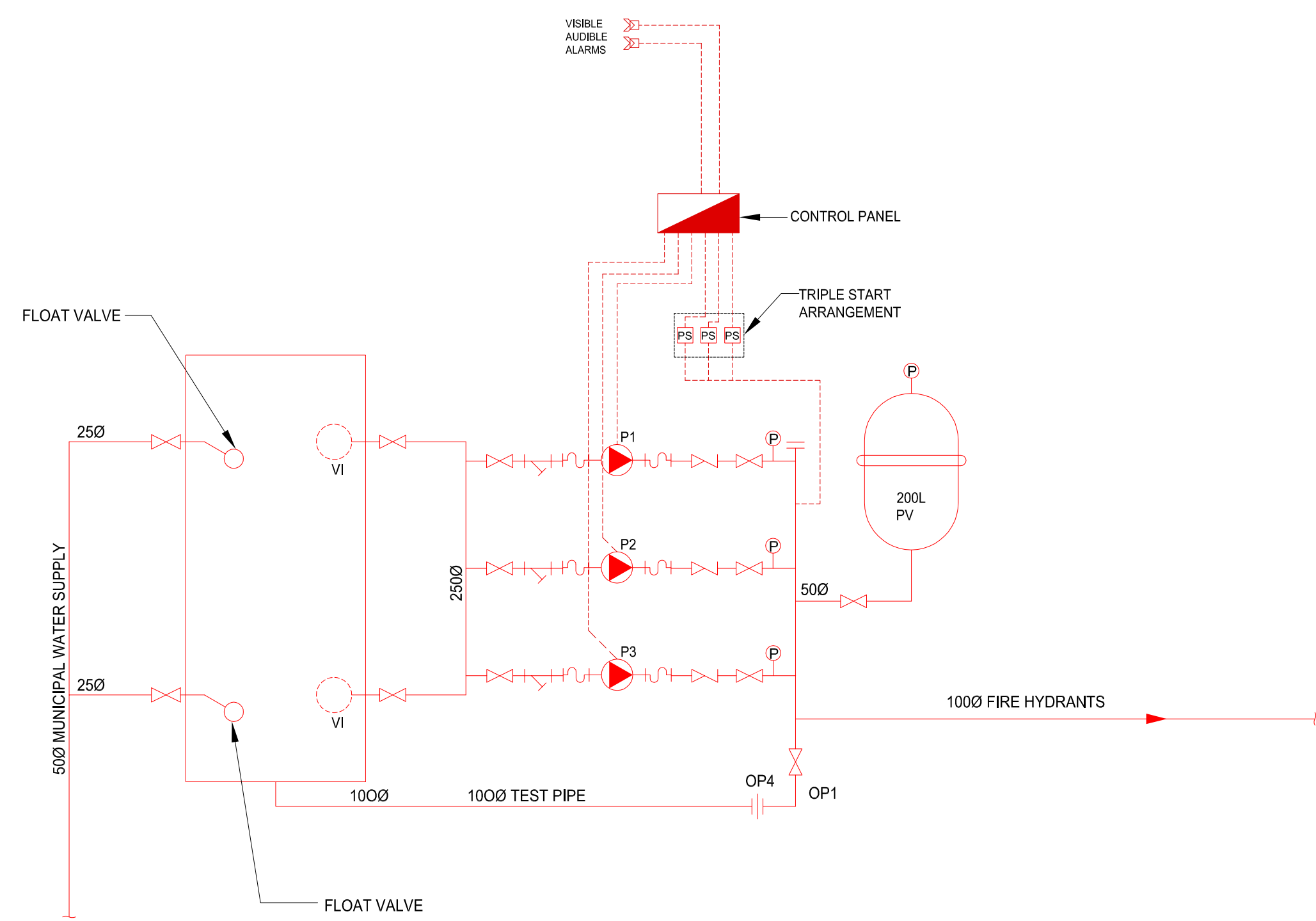
ELEVATION A

ELEVATION B

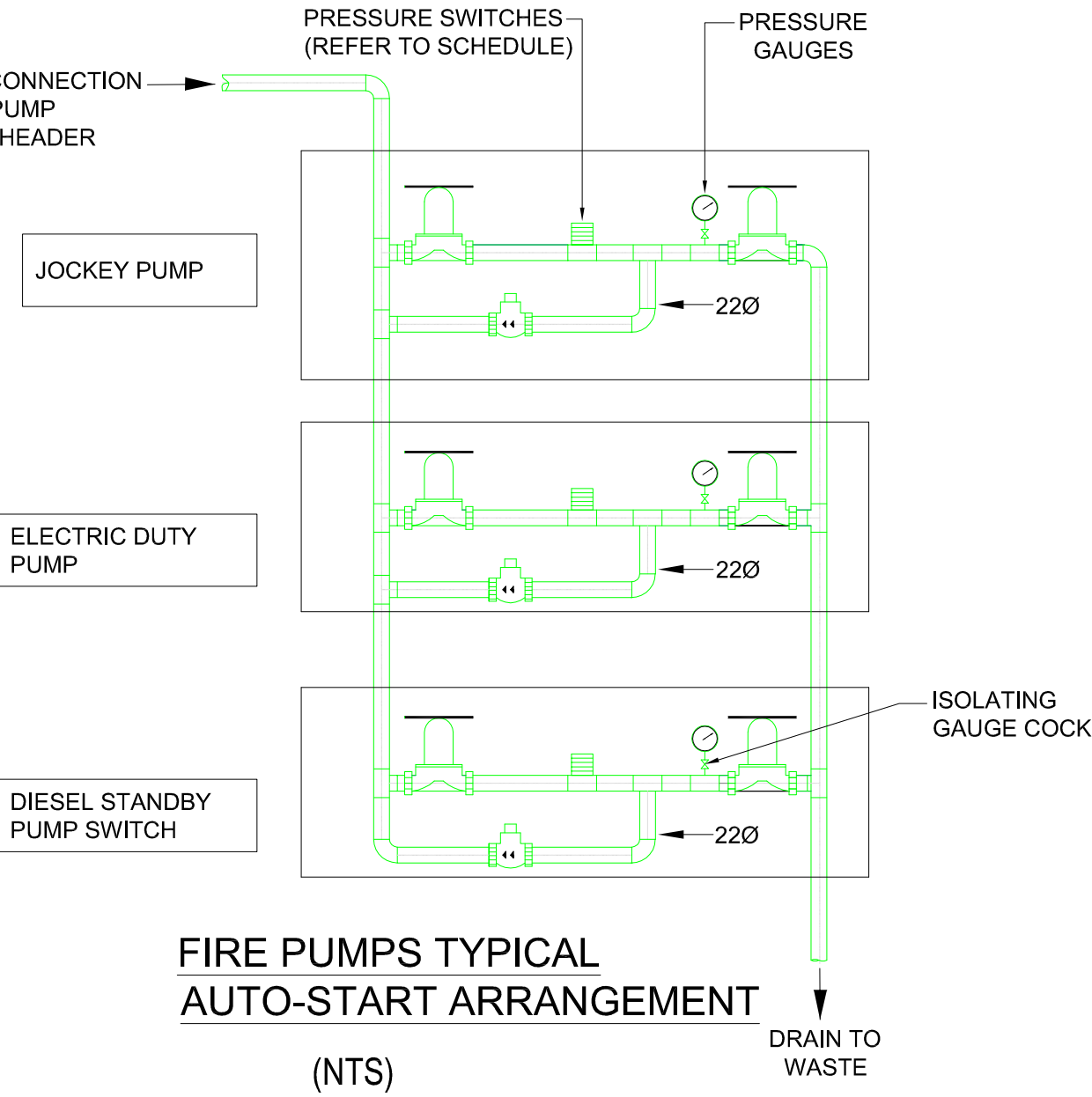
PRESSURE SWITCH SET POINTS

PUMP	REF	CUT-IN	CUT-OUT
ELECTRIC DUTY	P1	250kPa	MANUAL
DIESEL	P2	200kPa	MANUAL

PUMPS DUTY:- 2400 litres/Min @ 600KPa
PUMPS JOCKEY:- 1.0 litres/Sec @ 8 bar



FIRE WATER SCHEMATIC

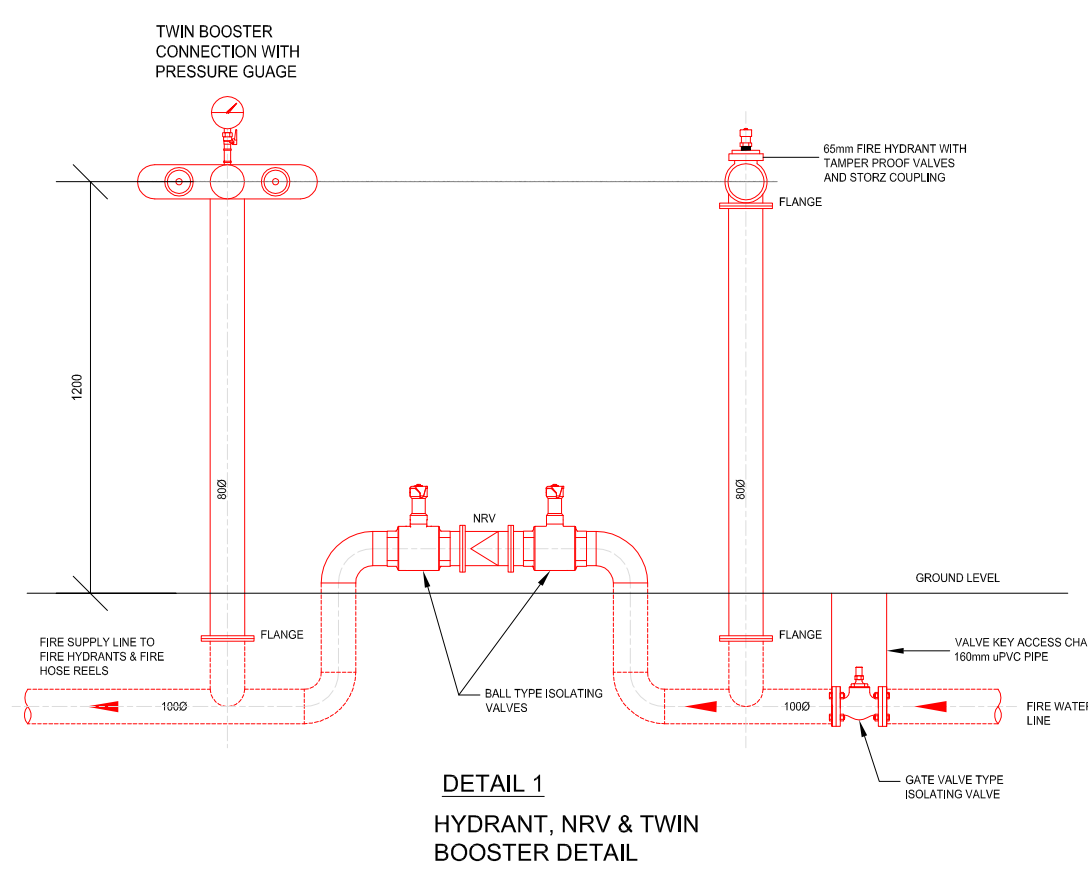


FIRE PUMPS TYPICAL
AUTO-START ARRANGEMENT
(NTS)

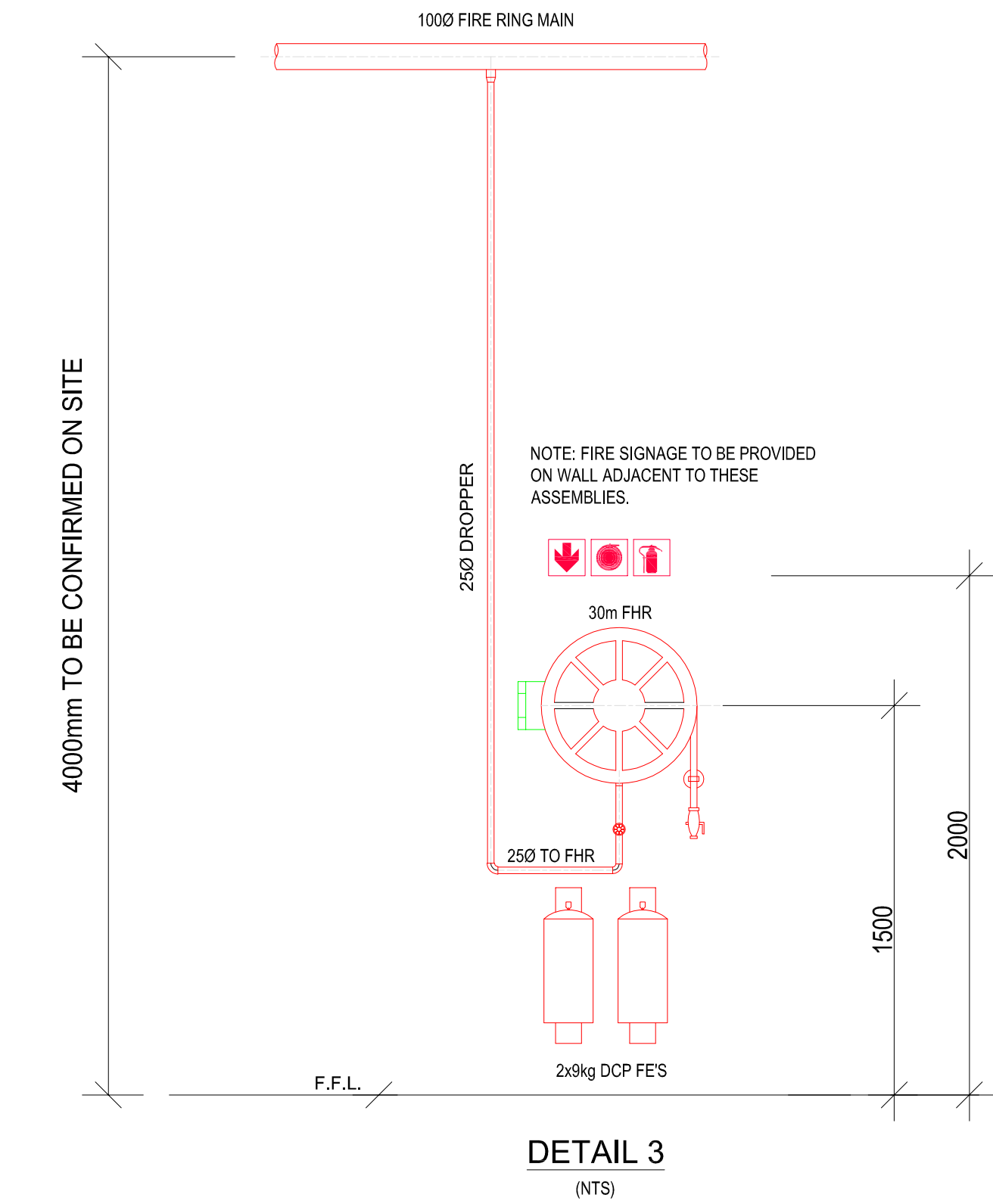
FIRE PUMPS ALARM MONITORING

PANEL	MAINTENANCE MODE SWITCH
ELECTRIC MOTOR DRIVEN PUMP CONTROLLER PANEL	ALARM - FIRE ALARM
ELECTRIC MOTOR DRIVEN PUMP CONTROLLER PANEL	ALARM - PUMP RUN
ELECTRIC MOTOR DRIVEN PUMP CONTROLLER PANEL	ALARM - MAINS FAIL
ELECTRIC MOTOR DRIVEN PUMP CONTROLLER PANEL	ALARM - CONTROL CIRCUIT FAIL
ELECTRIC MOTOR DRIVEN PUMP CONTROLLER PANEL	ALARM - PUMP FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - FIRE ALARM
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - PUMP RUN
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - MAINS FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - CONTROL CIRCUIT FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - LOW OIL PRESSURE FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - BATTERY CHARGER FAIL
DIESEL ENGINE DRIVEN PUMP CONTROLLER PANEL	ALARM - ENGINE OVER TEMPERATURE FAIL

NB: BMS CONTACTS FOR
FAULT/NORMAL INDICATION



DETAIL 2
(NTS)



DETAIL 3
(NTS)

02	RING MAIN REVISED TO 100mm DIAMETER				I.S.	S.M.		15/07/24	
01	ISSUED FOR INFORMATION				I.S.	S.M.		06/07/24	
REV	REVISION DESCRIPTION				BY	CHKD	AUTH	DATE	
		SIGN	DATE	PROJECT NAME: ESKOM WAREHOUSE					
DRAWN BY		I.S.	06/07/2024	JOB NAME: PROPOSED WAREHOUSE				SCALE: 1:50	SIZE: A0
ENGINEER		S.M.		Drawing Description: FIRE PROTECTION DETAILS				REV:	
CHECKED		S.M.		TAP DRAWING No: WH-ESKM-FP-002				REV:	01
APPROVED				CLIENT DRAWING No:					SHEET:
				CONTACT INFORMATION:		CLIENT:			
				ADDRESS: Block C2, Eskom Megawatt Park, 1 Maxwell drive, Sunninghill, 2191					
						OF:			

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NOTES
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS' DRAWINGS.
2. DO NOT SCALE FROM THE DRAWING. THE CONTRACTOR MUST CHECK AND CONFIRM ALL DIMENSIONS INCLUDING LEVELS ON SITE WITH THE SERVICES ENGINEERS.
3. ANY QUERIES AND/OR DISCREPANCIES MUST BE REFERRED TO THE SERVICES ENGINEER BEFORE MATERIALS ARE ORDERED AND BEFORE EXECUTION ON SITE.