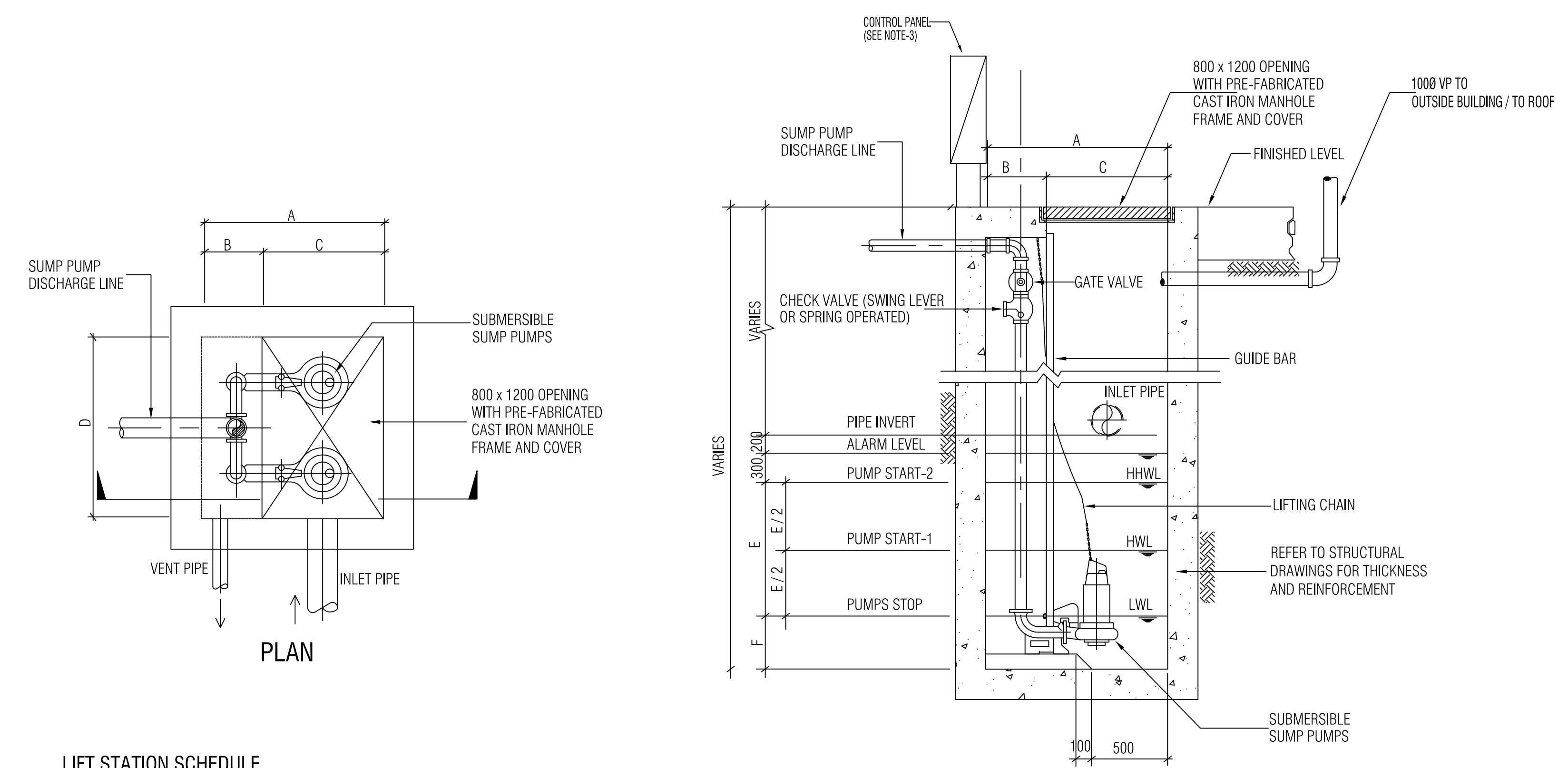


1 SOAKAWAY PIT DETAIL
G-P003 N.T.S.

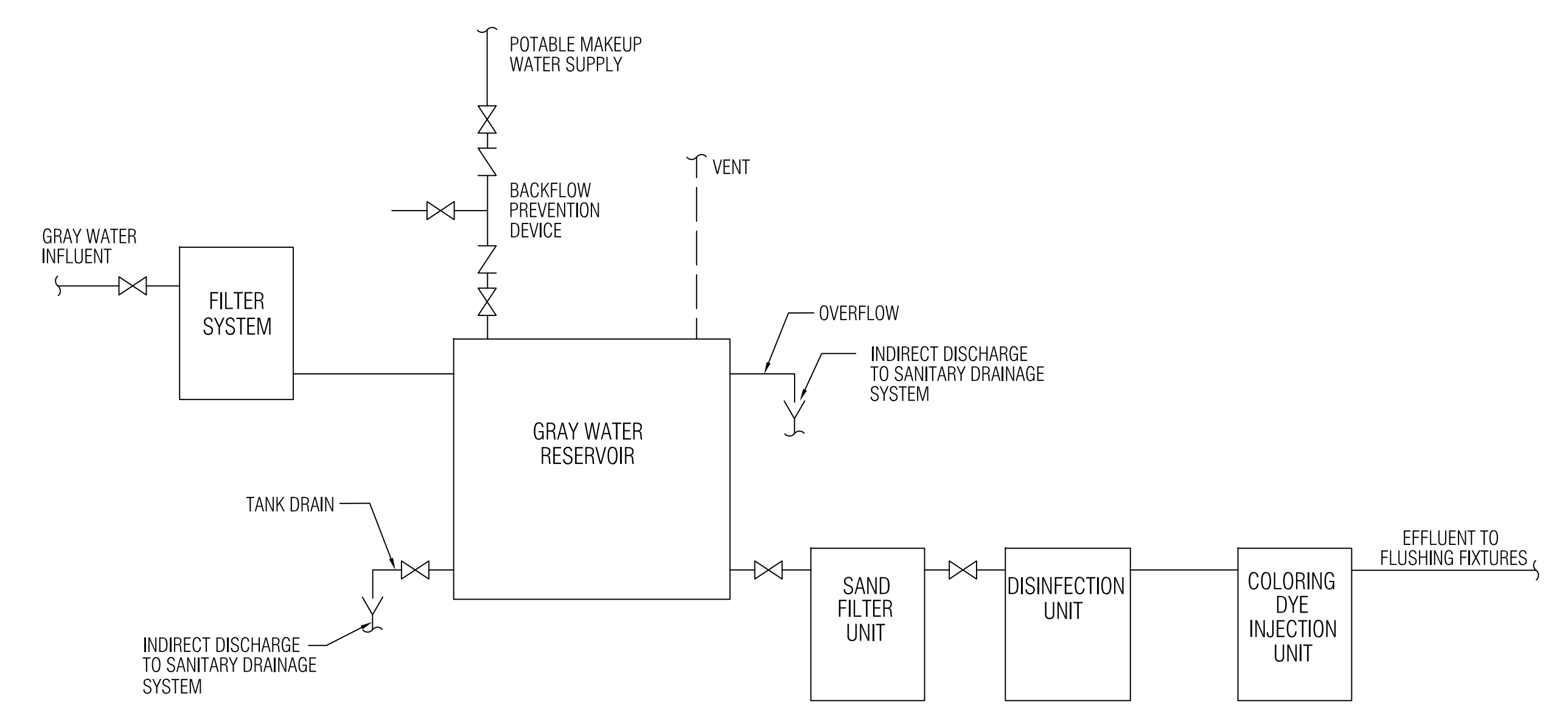


LIFT STATION SCHEDULE

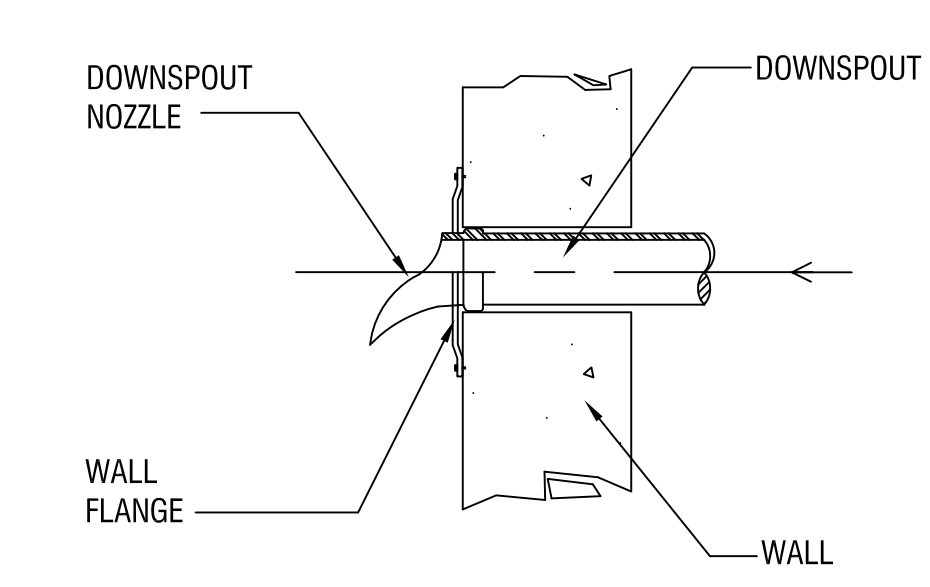
LIFT STATION	DIMENSIONS (MM)						PUMP CAPACITY(EACH)		REMARKS	
	A	B	C	D	E	F	FLOW (LITS/SEC)	TDH (BAR)		
1	3000	400	2600	3000	1500	400	500	21.10	1.50	1 DUTY / 2 LAG (See Note No. 4)
2	3000	400	2600	3000	1500	400	750	21.10	1.50	1 DUTY / 2 LAG (See Note No. 4)
3	3000	400	2600	3000	1500	400	750	21.10	1.50	1 DUTY / 2 LAG (See Note No. 4)
4	1250	300	950	1250	1000	300	500	6.30	2.00	1 DUTY / 1 STANDBY
5	1250	300	950	1250	1000	300	500	6.30	2.00	1 DUTY / 1 STANDBY
6	3000	400	2600	3000	1500	400	500	21.10	1.50	1 DUTY / 2 LAG
7	3550	400	3150	3550	1700	400	566.7	31.54	1.50	1 DUTY / 2 LAG
8	1550	300	1250	1550	1500	300	750	15.77	1.50	1 DUTY / 1 STANDBY
9	1550	300	1250	1550	1500	300	750	15.77	1.50	1 DUTY / 1 STANDBY
10	1250	300	950	1250	1500	300	750	7.00	1.50	1 DUTY / 1 STANDBY
11	1250	300	950	1250	1000	300	500	3.47	1.50	1 DUTY / 1 STANDBY
12	1300	300	1000	1300	1500	300	750	11.4	1.50	1 DUTY / 1 STANDBY
13	1250	300	950	1250	1000	300	500	1.77	1.50	1 DUTY / 1 STANDBY
14	1300	300	1000	1300	1500	300	750	10.00	1.50	1 DUTY / 1 STANDBY
15	1250	300	950	1250	1500	300	1000	5.99	2.00	1 DUTY / 1 STANDBY
16	1250	300	950	1250	1250	300	950	5.99	2.00	1 DUTY / 1 STANDBY
17	1550	300	1250	1550	1550	300	775	16.4	1.20	1 DUTY / 1 STANDBY

- NOTES:**
- EACH PUMP SHALL BE PROGRAMMED TO OPERATE ALTERNATELY AS DUTY, LAG AND LAG (TRIPLEX) TO EQUALIZE OPERATING TIME.
 - EACH PUMP SHALL BE PROGRAMMED TO OPERATE ALTERNATELY AS DUTY AND STANDBY (DUPLEX) TO EQUALIZE OPERATING TIME.
 - CONTROL PANEL SHALL BE WEATHER PROOF PROTECTION "IP 55" TO BE PROVIDED BY THE PUMP SUPPLIER AND TO BE LOCATED AT THE SAME LOCATION OF THE LIFT STATION.
 - LIFT STATIONS WITH 3 PUMPS THE EFFECTIVE HEIGHT "E" SHALL BE DIVIDED INTO 3 PARTS (E/3), W/ PUMP TO EQUALIZE OPERATING TIME (SEE ALSO NOTE NO. 1).

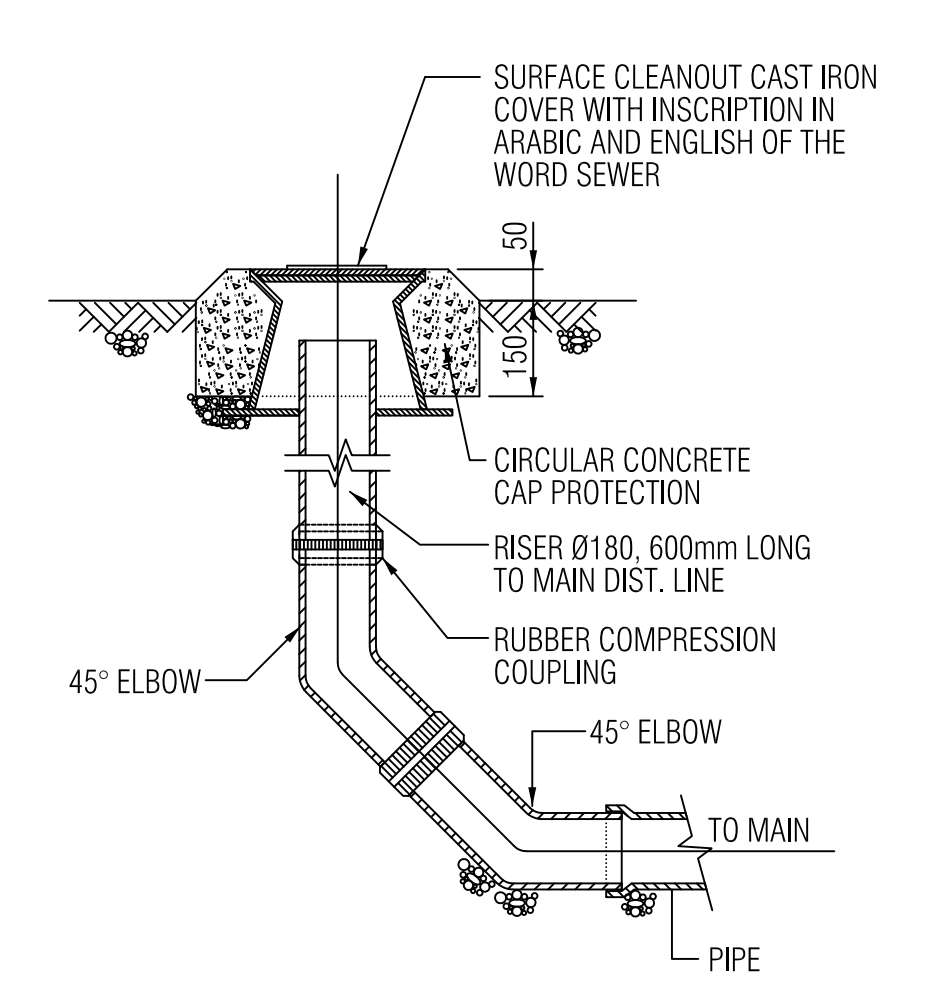
2 LIFT STATION DETAIL (RECTANGULAR)
G-P003 N.T.S.



3 GRAY WATER RECYCLING SYSTEM FOR WATER CLOSETS
G-P003 N.T.S.



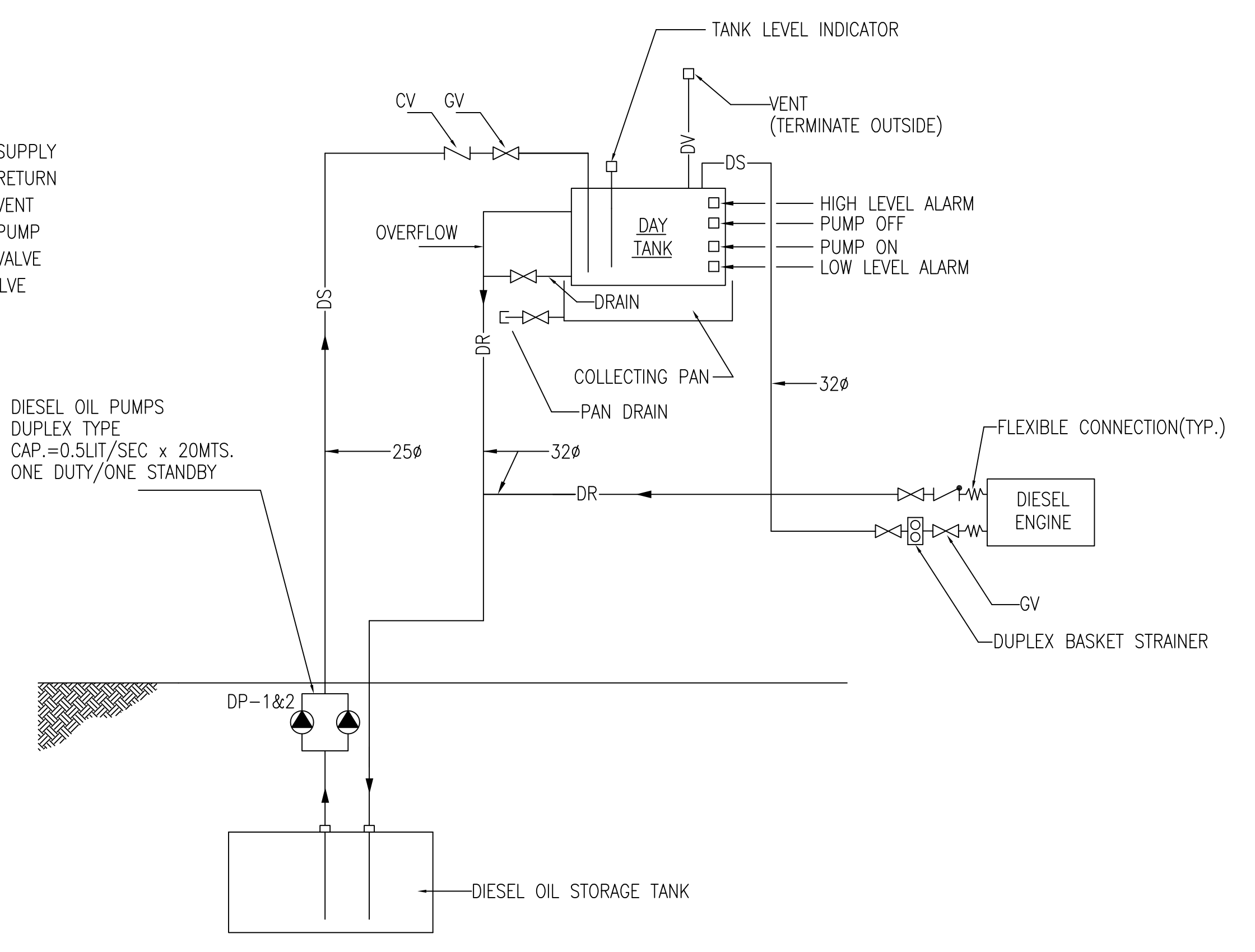
5 DOWNSPOUT NOZZLE DETAIL
G-P002 N.T.S.



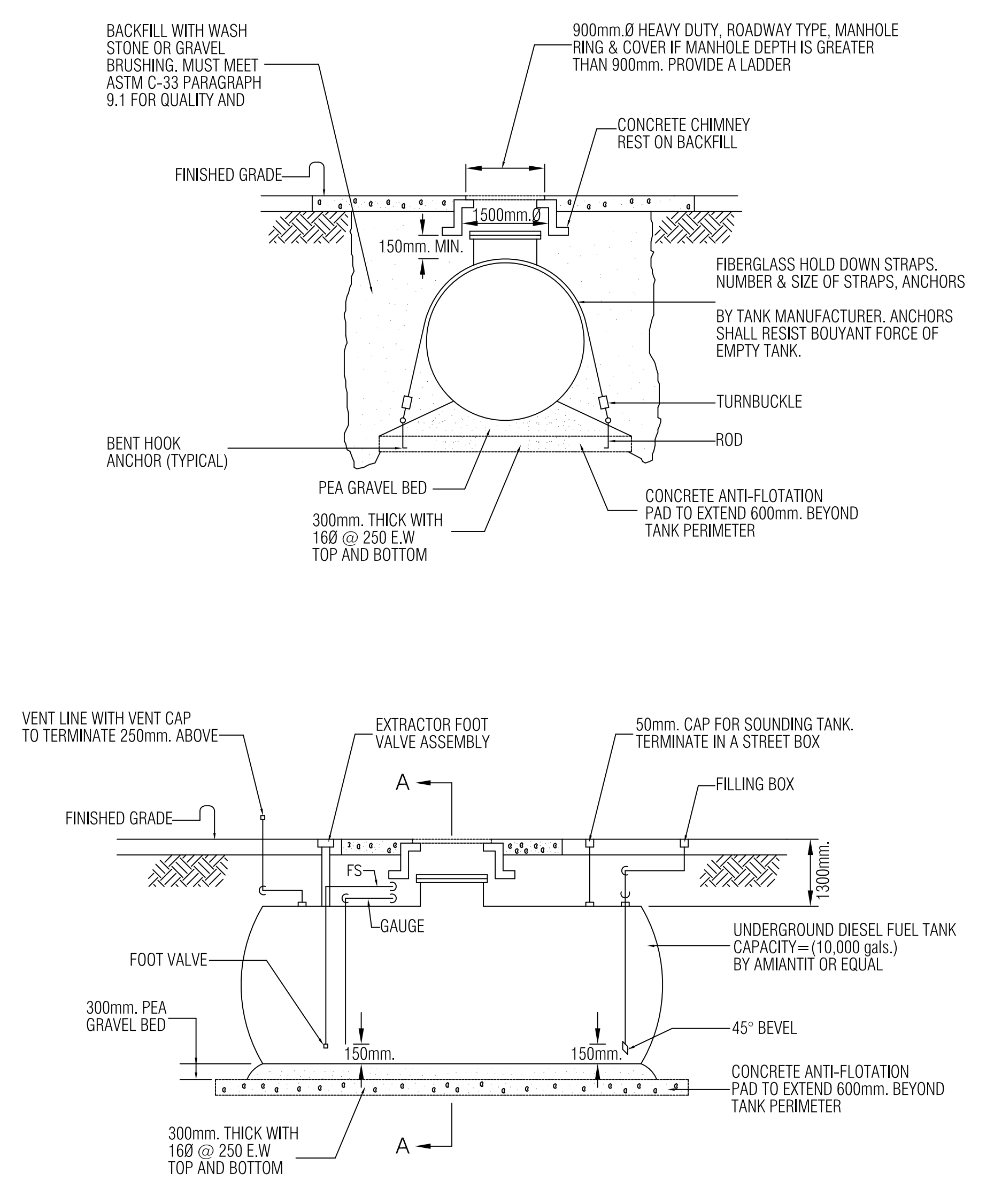
4 GROUND CLEANOUT DETAIL
G-P003 N.T.S.

- NOTES:**
- TANK HIGH LEVEL TO BE BELOW ENGINE INJECTION VALVES.
 - PROVIDE DRAIN LINES AT LOW POINTS IN PIPING.
 - FOR FUEL PIPES & VALVES MATERIALS REFER TO SPECIFICATIONS.
 - DAY TANK CAPACITY SHALL BE AS PER GENERATOR MANUFACTURER RECOMMENDATION.

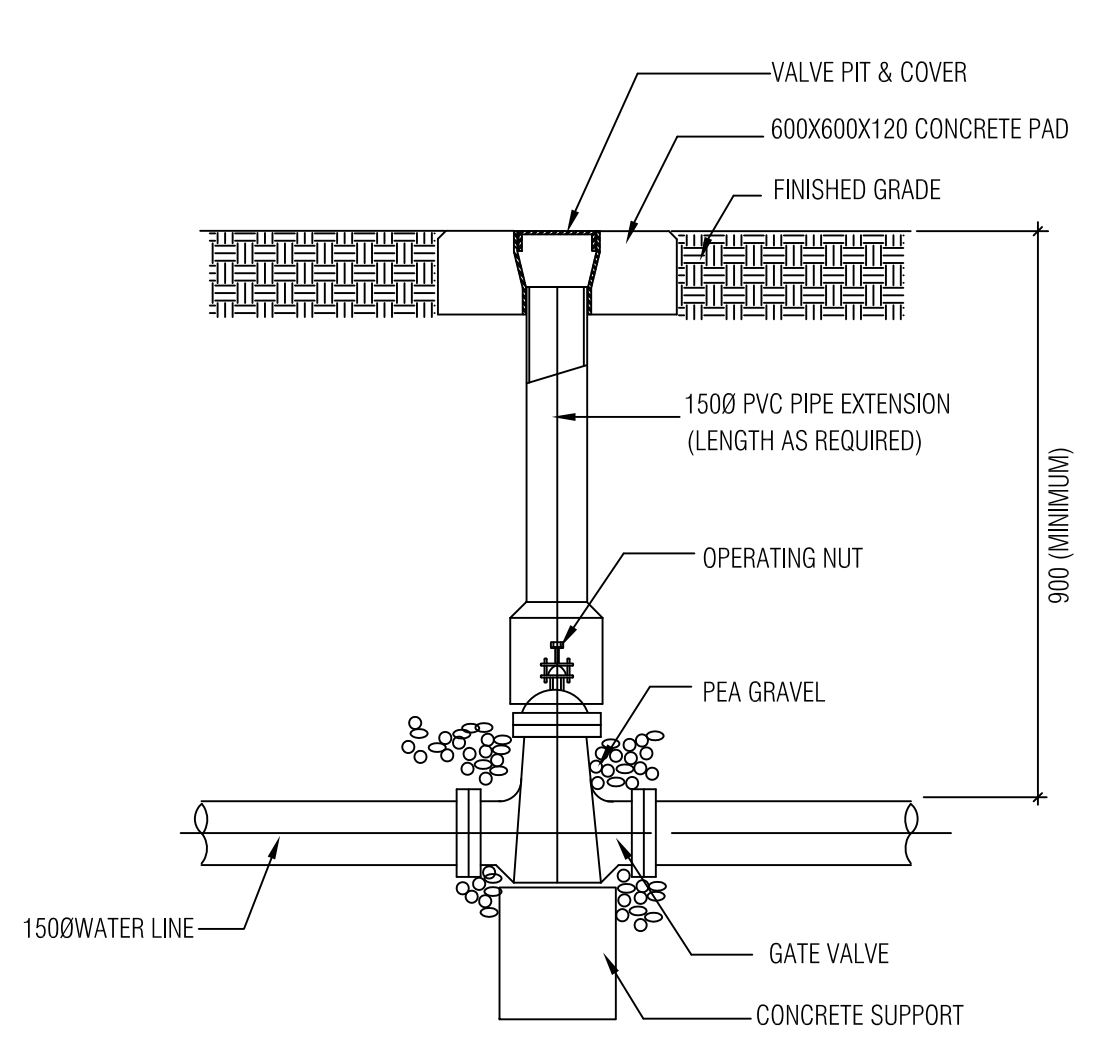
- LEGEND:**
- DS DIESEL SUPPLY
 - DR DIESEL RETURN
 - DV DIESEL VENT
 - DP DIESEL PUMP
 - CV CHECK VALVE
 - GV GATE VALVE



6 DIESEL FUEL FLOW DIAGRAM
G-P003 N.T.S.



9 UNDERGROUND DIESEL FUEL STORAGE TANK
G-P003 N.T.S.



7 ISOLATION VALVE DETAIL
G-P003 N.T.S.