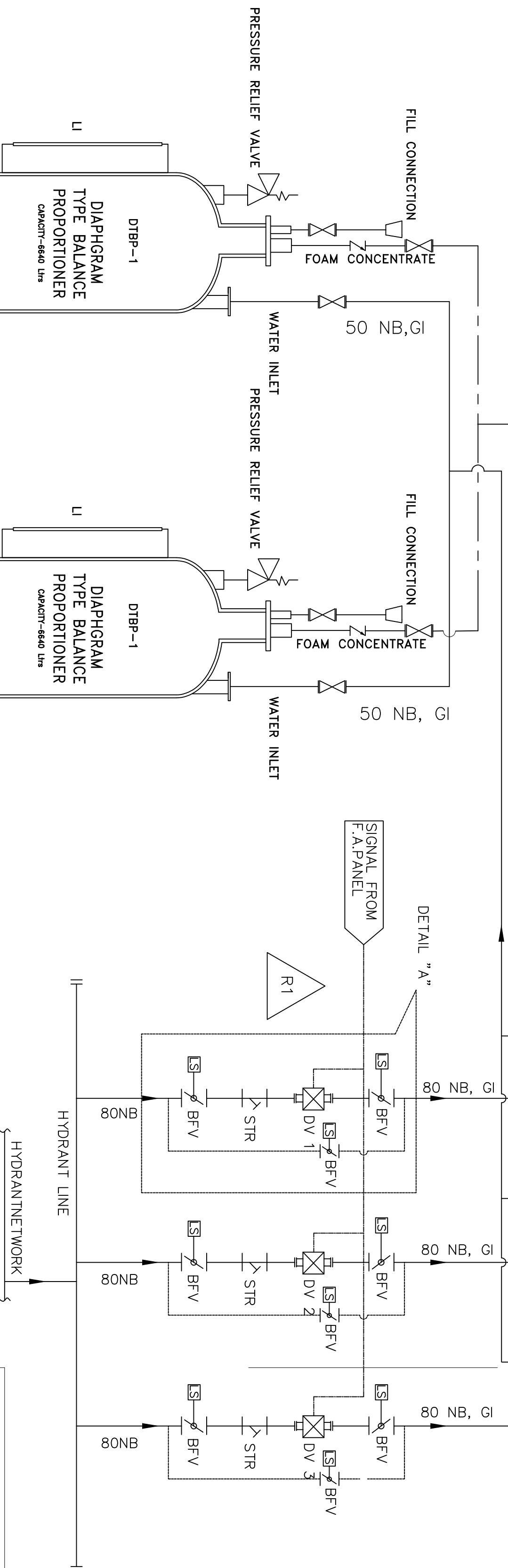
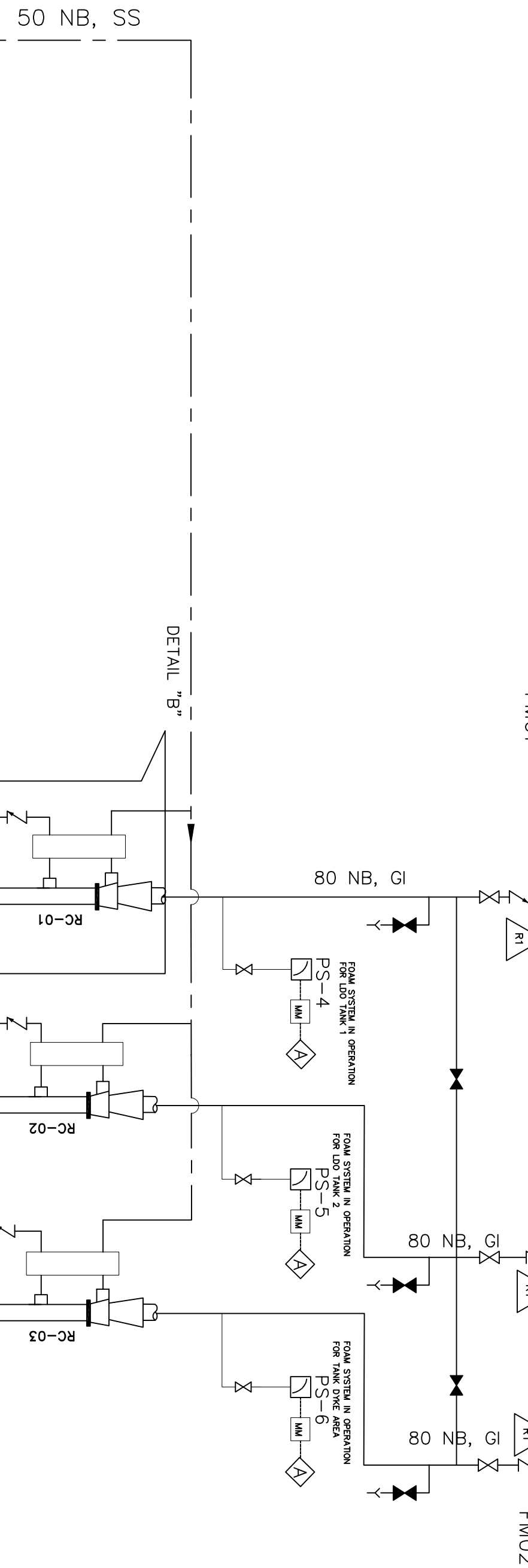
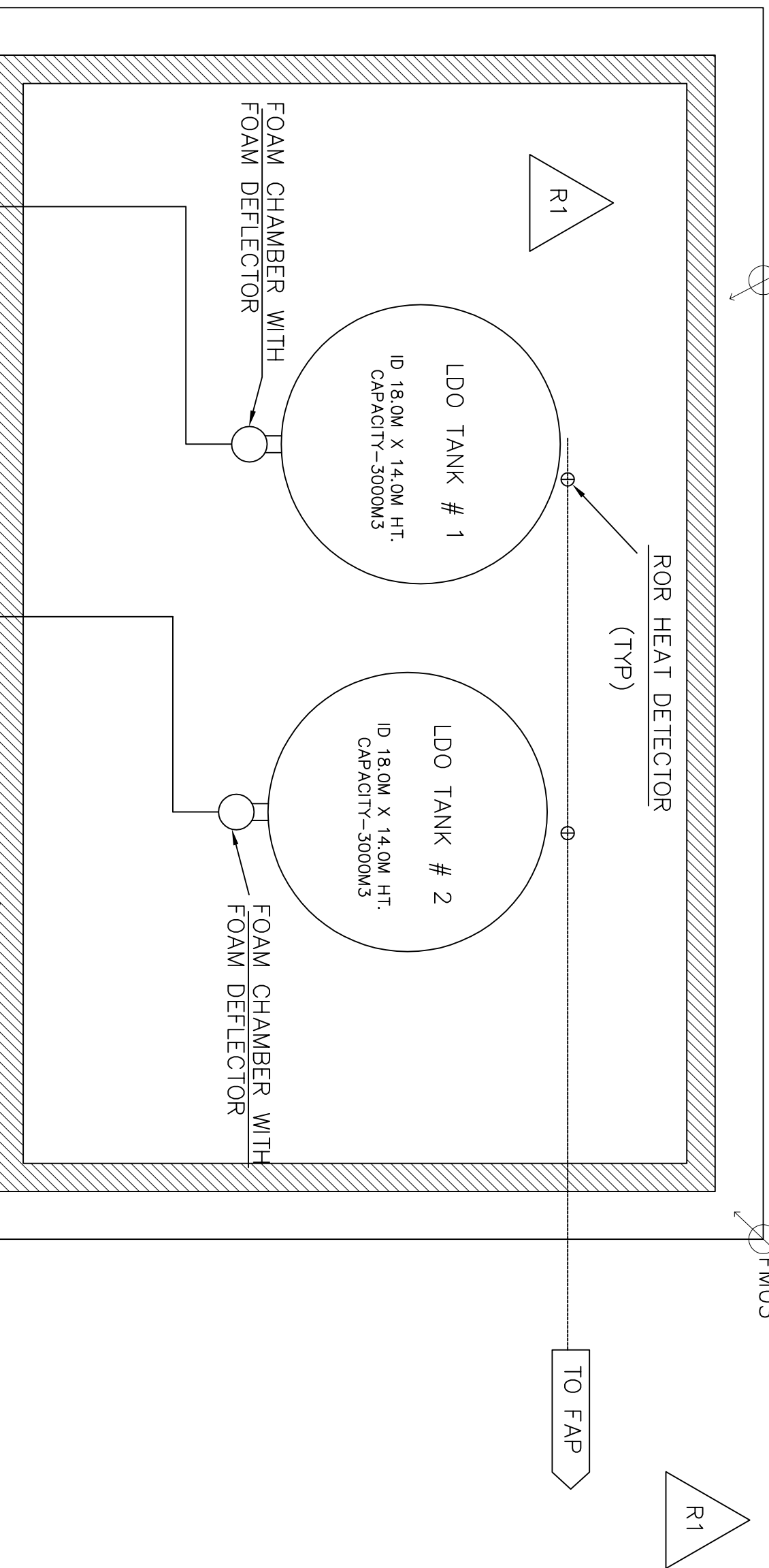


(ALL DIMENSIONS ARE IN mm)



LEGEND:-			
WATER LINE		DELUGE VALVE	
FOAM LINE		PRESSURE RELIEF VALVE	
CABLE		PRIN	
DELUGE VALVE(NORMALLY OPEN)		PROBE TYPE HEAT DETECTOR	
DELUGE VALVE(NORMALLY CLOSED)		RATIO CONTROLLER	
NON RETURN VALVE		SCENARIO VALVE(N/O)	
BUTTERFLY VALVE		LEVEL INDICATOR	
LIMIT SWITCH		PRESSURE SWITCH	

1. PLOT PLAN : PE-DG-405-100-M001 Rev 01A

PA-11.

2. THE TYPE OF FOAM CONCENTRATE USED IN FOAM SYSTEM SHALL BE "AFFF"
 3. PIPING DOWNSTREAM OF DELUGE VALVE SHALL CONFORM TO M.S. GALVANISED ERW AS PER IS1253(PART-1, "HEAVY Gp.
 4. THE CAPACITY OF BLADDER TANK SHALL BE SUFFICIENT TO PROVIDE PROTECTION TO ONE LDO TANK AND TWO HYDRANTS CONTINUOUSLY FOR A PERIOD OF 60 MIN.
 5. MOC OF ABOVE GROUND PIPES SHALL BE 'MS' CONFORMS TO IS 1253/ IS 3589. PIPE THICKNESS SHALL BE 6.35 MM FOR SIZES 200NB TO ABOVE.
 6. 50 NB DRAINS AND VENTS SHALL BE PROVIDED FOR PIPE SIZES 400 NB & ABOVE, AND 25 NB DRAINS & VENTS SHALL BE PROVIDED FOR PIPE SIZES UPTO 350NB AS PER LAYOUT REQUIREMENTS.
 7. ALL PRESSURE TAPPIINGS AND ROOT VALVES SHALL BE OF 15NB.
 8. A MINIMUM DISTANCE OF 6 METER SHALL BE MAINTAINED FROM THE TANK TO THE DELUGE VALVE SHED.
 9. NORMAL SYSTEM PRESSURE AS INDICATED BELOW:
 - FIRE WATER SYSTEM IS 9 KG/SCCM
 10. FOLLOWING SIGNALS SHALL BE MADE AVAILABLE IN MAIN FIRE ALARM PANEL.
 - FOAM SYSTEM OPERATED
 - DELUGE VALVE WORKING
 11. ALL DELUGE VALVES ARE HYDRAULIC TRIM.
 12. ALL SOLENOID OPERATED VALVES WILL OPERATED ON 24V DC
 13. 4 NOS. OF ROR DETECTORS SHALL BE PROVIDED FOR EACH TANK.
 14. PLEASE REFER BHEL DOC. NO. PEMC-06212 FOR SIZING CALCULATIONS.
- BHEL REF. DRG.:

DETAIL "A"

[illegible]

1. PLOT PLAN : PE-DG-405-100-M001 Rev 01A

SCHEDULE OF INSTRUMENT