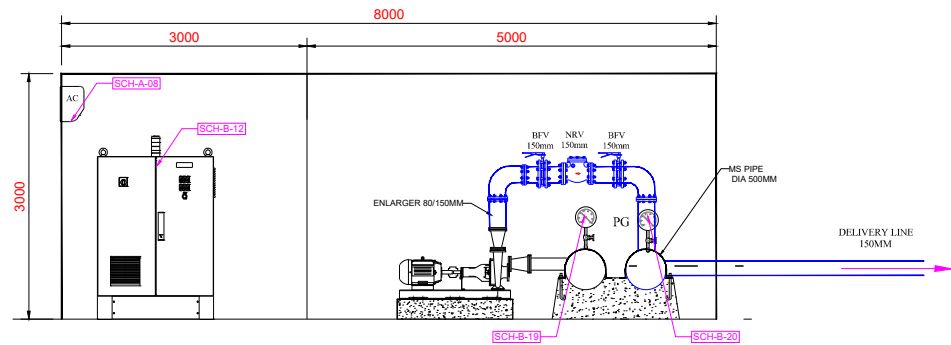
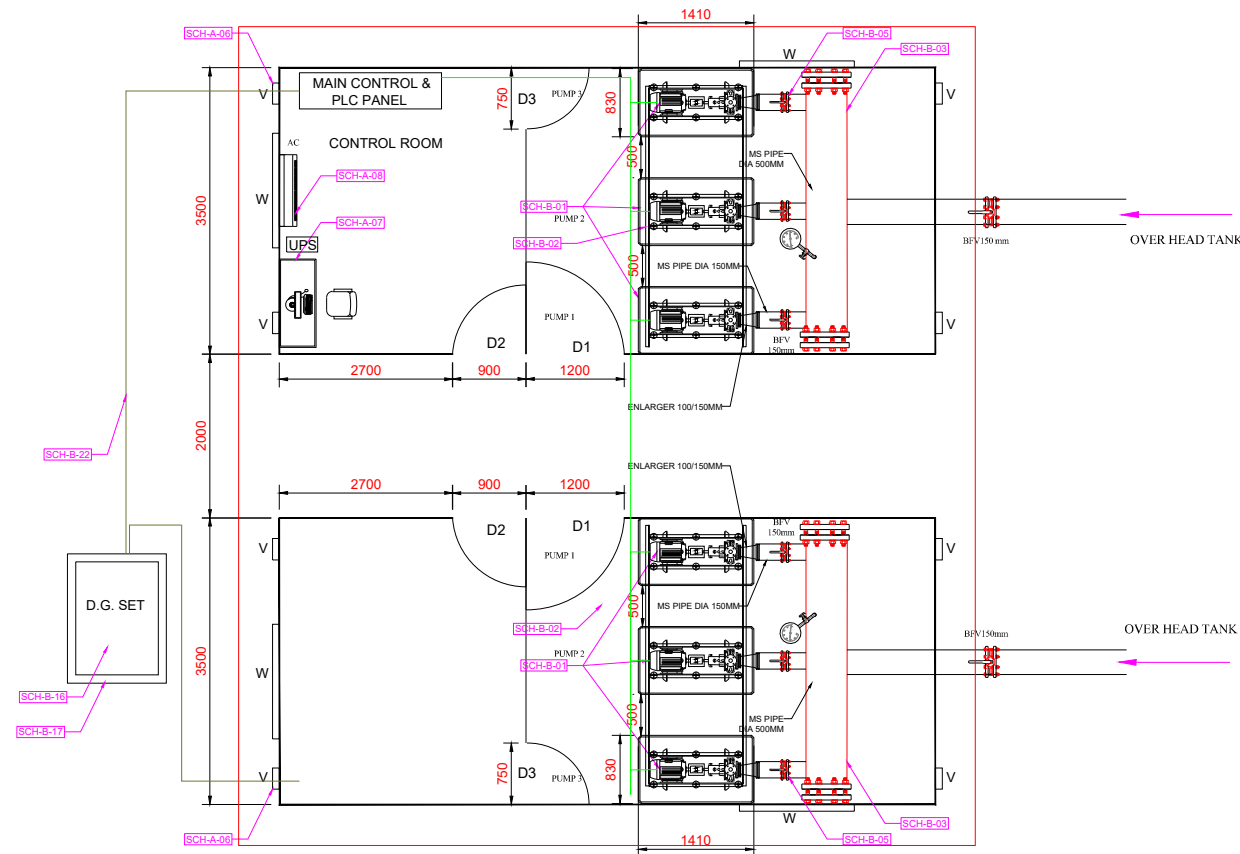




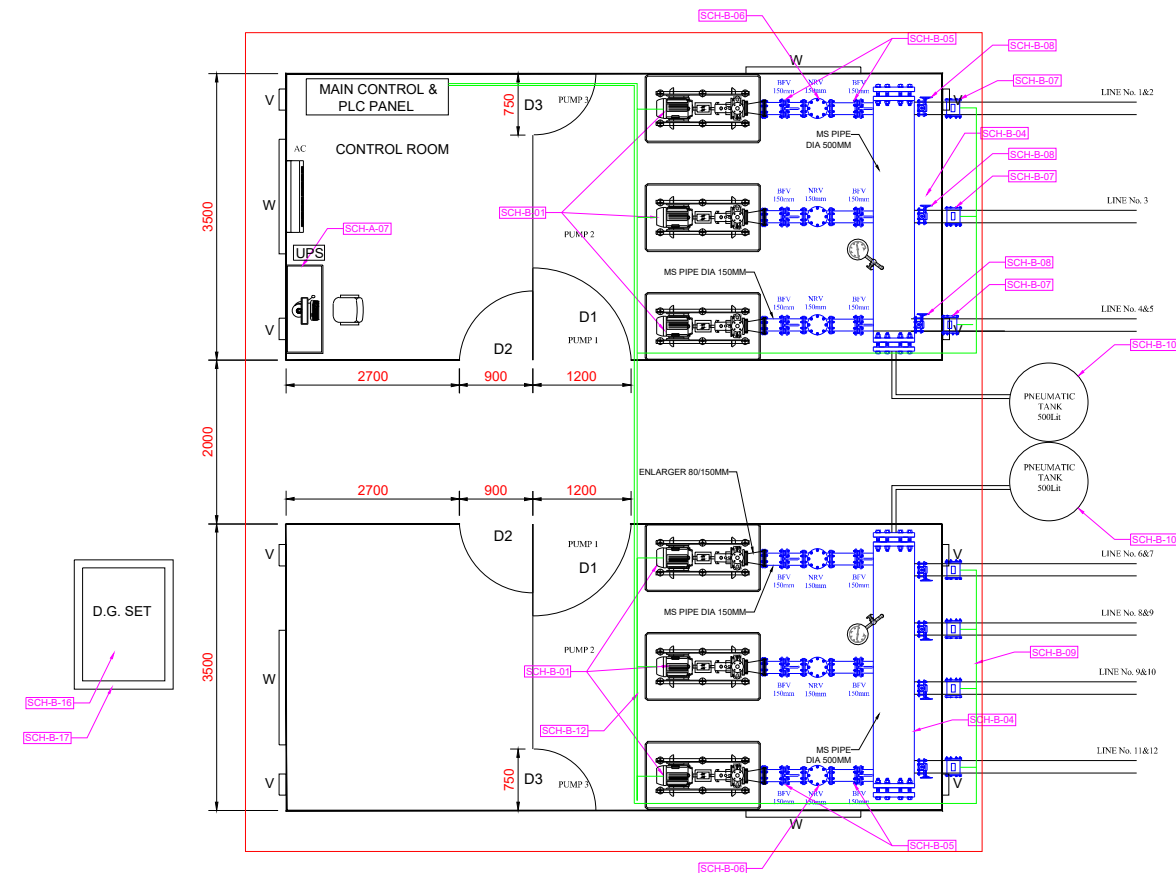
SIDE VIEW OF PUMPING ARRANGEMENT

NOTE:

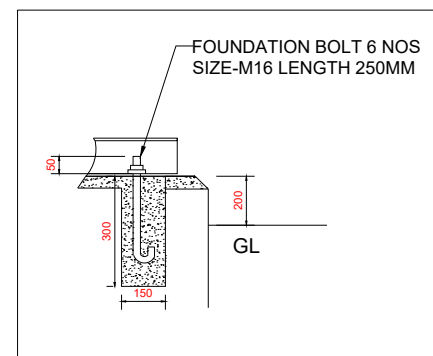
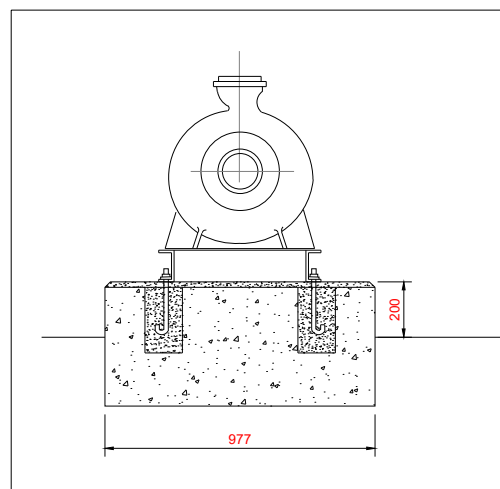
1. 8.00 X 3.5 X 3.00 MTRS. (SIZE OF THE CONTAINER MAY VARY IN VOLUMETRIC PROPORTION TO SUITE AS PER ACTUAL SITE CONDITION).
2. MS CONTAINER SHOULD BE PROVIDED WITH COMPLETE INTERNAL AND EXTERNAL LIGHTING , FORCED AIR SYSTEM AC ETC. AS MENTIONED IN THE DOCUMENT.
3. ORIENTATION OF THE SYSTEM, INLET LINE & DISCHARGE LINE CAN BE ADJUSTED/SHIFTED AS PER SITE CONDITION/REQUIREMENT.
4. ONE NO. MAIN DOOR OF SIZE 2100x1200MM IS PROVIDED FOR PUMP HOUSE.
5. ONE NO. MAIN DOOR OF SIZE 2100x900MM IS PROVIDED FOR CONTROL ROOM .
6. ONE NO. WINDOW OF SIZE 1200x1200MM. EACH HAS BEEN PROVIDED FOR PUMP ROOM AND CONTROL ROOM.
7. ONE NO. INTER CONNECTING DOOR OF SIZE 2100x750MM HAS BEEN PROVIDED TO CONNECT THE CONTROL ROOM WITH PUMP ROOM.



LAYOUT OF PUMPING ARRANGEMENT SUCTION LINE



LAYOUT OF PUMPING ARRANGEMENT DELIVERY LINE



LEGEND:

- NRV → NON RETURN VALVE
- FM → FLOW METER(ONLINE)
- EV → ELECTRICAL VALVE
- BFV → BUTTERFLY VALVE
- Pr.Tr. → PRESSURE TRANSREDUCER
- HPT → HYDRO PNEUMATIC TANK
- D1,D2,D3 → DOOR
- W → WINDOW

	NOM SIZE	RF DIA.	P.C.D.	NO OF HOLES	HOLE SIZE
SUCTION	100 mm	N.A.	180 mm	8	18 mm
DELIVERY	80 mm	N.A.	160 mm	8	18 mm

CLIENT: NORTH CENTRAL RAILWAY			
AGENCY: MECO TECHNOLOGIES PVT. LTD. 414, RAJIV VIHAR NEAR VASANT VIHAR, RAJKISHOR NAGAR , BILASPUR (C.G.)			
CONCEPTUALIZED & DESIGN BY: MECO CONCEPTS PVT. LTD. A-42, PHASE-I,RAJKISHOR NAGAR , BILASPUR CHHATTISGARH - 495006			
PROJECT: Provision of quick watering arrangement at station yard of JSG			
LOA NO.: CKP-DIVN-MECH/MECHCKP-25-26-08/00952650135942		Dated: 06.08.2025	
DESIGN	AARTI SAHU	TITLE: LAYOUT DRAWING	SCALE NTS
DRAWN	MANOJ GUPTA		PROJECTION
DATE	08.10.2025	REV.	SHEET
MECO DRAWING NO.- MTPL/NCR/JSG/QWS/01		REV.-0	01
SUBMITTED FOR		☒ APPROVAL	☐ INFORMATION
		☐ REFERENCE	☐ RECORDS
		☐ CONSTRUCTION	

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