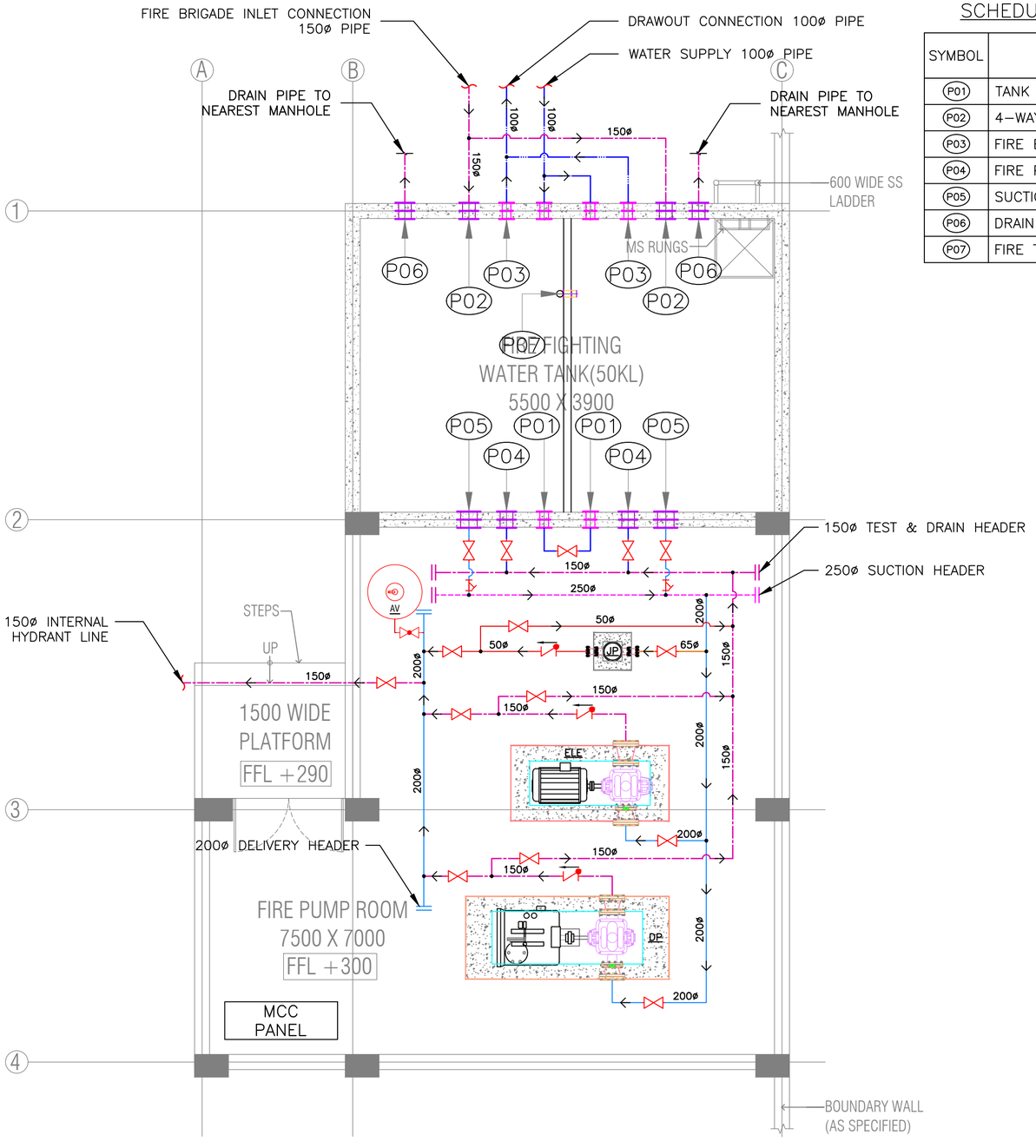

1 FIRE PUMP ROOM PLAN

SCALE 1:50

SCHEDULE OF PUDDLE FLANGES FOR FIRE TANKS

SYMBOL	DESCRIPTION	SIZE (mm)	QTY. (NOS)
P01	TANK TO TANK INTERCONNECTION	100ø	02
P02	4-WAY FIRE BRIGADE INLET CONNECTION	150ø	02
P03	FIRE BRIGADE DRAW OUT CONNECTION	100ø	02
P04	FIRE PUMP TEST & DRAIN LINE	150ø	02
P05	SUCTION PIPE FROM FIRE TANK	200ø	02
P06	DRAIN OUT PIPE FROM TANK	150ø	02
P07	FIRE TO FIRE TANK OVER FLOW PIPE	150ø	01

LEGEND

SL. NO.	DESCRIPTION	SYMBOL
1	SLUICE VALVE	
2	GLOBE/BALL VALVE	
3	NON RETURN VALVE	
4	Y- STRAINER	
5	PUDDLE FLANGE	

ABBREVIATIONS

SL. NO.	SYMBOL	DESCRIPTION
1	EP	ELECTRICAL PUMP
2	DP	DIESEL PUMP
3	JP	JOCKEY PUMP
4	AV	AIR VESSEL

PUMP SCHEDULE

DESCRIPTION	APPLICATION	FLOWRATE (LPM)	STARTER	MODE OF OPERATION		QTY.
ELECTRIC MOTOR DRIVEN MAIN FIRE PUMP	HYDRANT	2850	SOFT STARTER	AUTO	MANUAL	1 NOS.
DIESEL ENGINE DRIVEN MAIN FIRE PUMP	STANDBY	2850	D.E. CONTROLLER	AUTO	MANUAL	1 NOS.
ELECTRIC MOTOR DRIVEN JOCKEY PUMP	HYDRANT	180	D.O.L.	AUTO	AUTO	1 NOS.

REV. NO.	DATE	DESCRIPTION	SIGNATURE
R0	25-06-2024	ISSUED FOR TENDER	BHAVIK P.

REVISION

PROJECT

CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING IN PLACE OF P& C BUILDING OUTSIDE CARGO JETTY AREA AT KANDLA, DEENDAYAL PORT AUTHORITY

TITLE

FIRE PUMP HOUSE LAYOUT

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DEPARTMENT	MEP (DESIGN)	DOC. STATUS	FOR TENDER
DGN.	BHAVIK P.	PROJECT NO.	GDBU23005
DRN.	URVISH T.		
CHD.	BHAVIK P.		
SCALE	AS SHOWN		
ISSUE DATE	25-06-2024		
REF. DRG. NO.			
DATE			

DRAWING NO.	SHEET NO.	REV.
GDBU23005-MEP-03	07 OF 08	R0

SHT. NO.

DEENDAYAL PORT AUTHORITY
PROJECT DIVISION

JE (E)	AXEN (E)	XEN(EN)