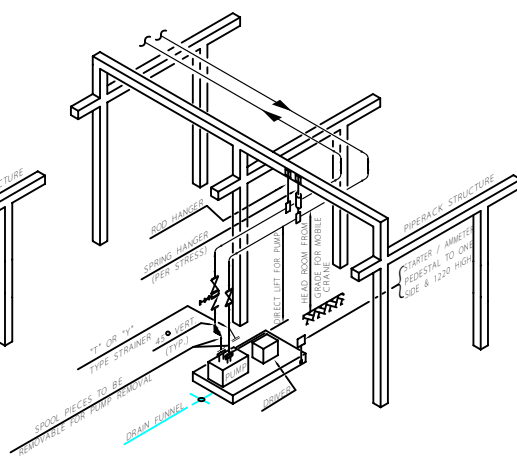
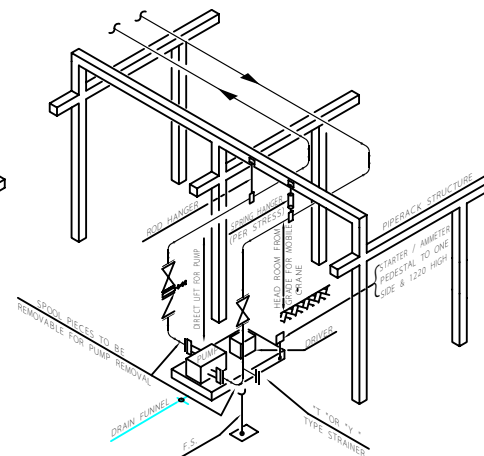


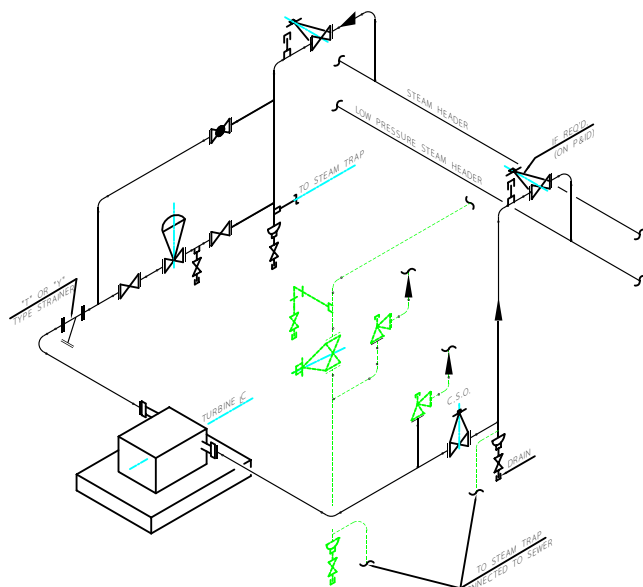
END SUCTION TOP DISCHARGE PUMPS



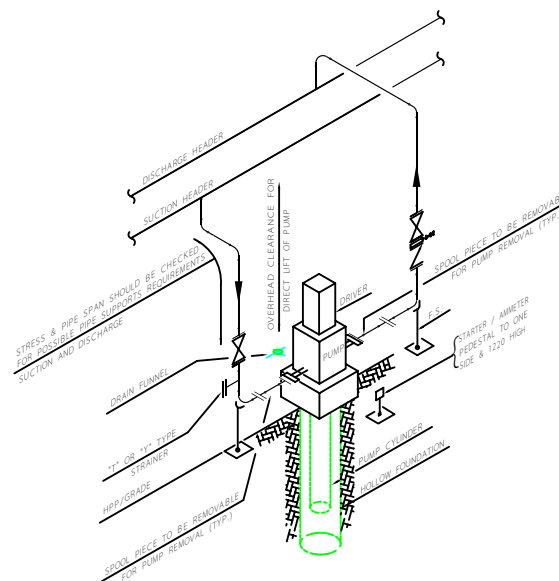
TOP SUCTION TOP DISCHARGE PUMPS



SIDE SUCTION SIDE DISCHARGE PUMPS



TYPICAL PIPING INSTALLATION ON STEAM TURBINES



VERTICAL TYPE PUMPS

NOTES

- 1- ALL THICKNESS VALUES AND DIMENSIONS ARE IN mm.
- 2- ANCHORS AND SUPPORTS ARE NOT TO BE DISTURBED WHEN REMOVING PUMP EXCEPT FOR GRADE MOUNTED FIELD SUPPORTS ON END AND SIDE SUCTION PUMPS.
- 3- SUCTION & DISCHARGE LINES TO BE SELF SUPPORTING WHEN PUMP IS REMOVED.
- 4- PUMP SUCTION & DISCHARGE LINES TO PIPERACK HEADERS SHALL HAVE SUFFICIENT HEIGHT TO ALLOW DIRECT LIFT PUMP WITH 10 TON CRANES.
- 5- A CLEAR ACCESS WAY SHALL BE PROVIDED TO DIMENSION C-4 SPECIFIED IN DWG. NO. IPS-D-PI-102.
- 6- IN NO CASE THE SPACING BETWEEN PUMPS SHALL BE OBSTRUCTED BY A FOUNDATION OR PIPING SUPPORT IN ACCORDANCE WITH DWG. NO. IPS-D-PI-102.
- 7- IN CASE, THE POSSIBILITY OF GAS ACCUMULATION EXIST IN SUCTION LINE, TOP FLAT ECCENTRIC REDUCER SHALL BE USED.
- 8- SUCTION STRAINER MAY BE INSTALLED ON HORIZONTAL POSITION AS PER SITE REQUIREMENT AND CLIENT APPROVAL.

THIS DWG. SUPPERSEDES DWG.NO. D-O-5050

NO.	DESCRIPTION	DATE

IRANIAN PETROLEUM STANDARD 
NO REVISION PERMITTED UNLESS APPROVED BY STANDARD ORGANIZATION

TYPICAL PIPING ARRANGEMENT FOR PUMPS & STEAM TURBINES

DATE	DRAWING No.	SHEET	REV
		1	1