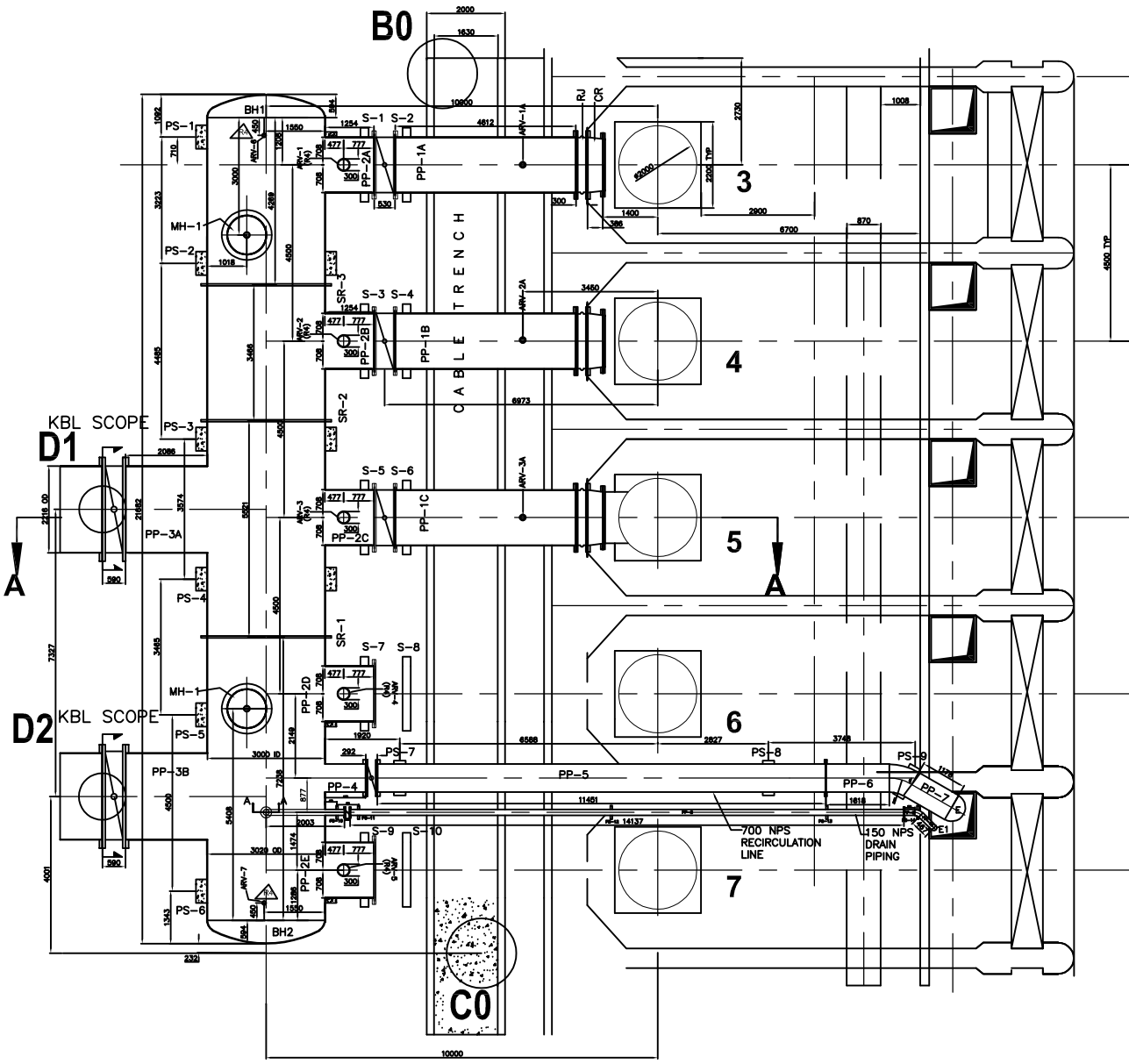
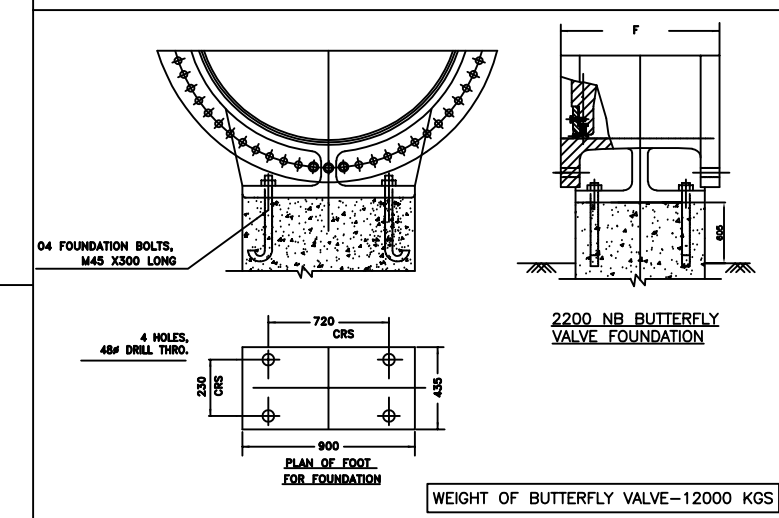


REFERENCE DRAWINGS		
DRAWING NO.	TITLE	APPROVAL STATUS
TL/AUD/SHAR-00	GA_OF_SHAR_PIPES	

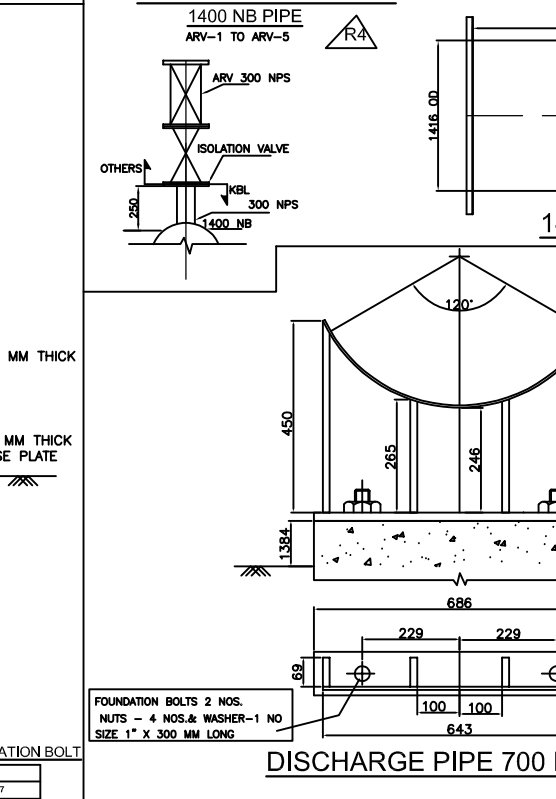
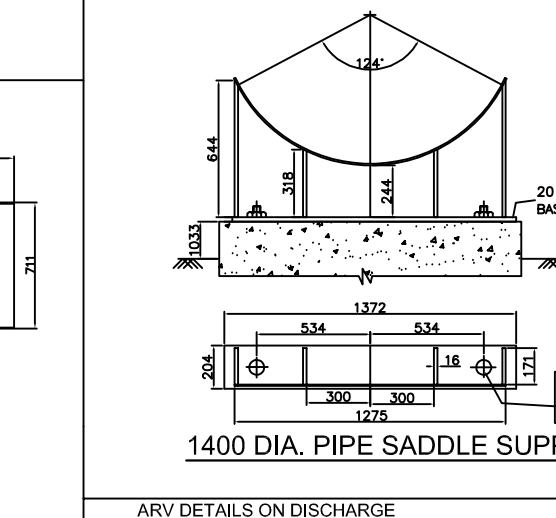
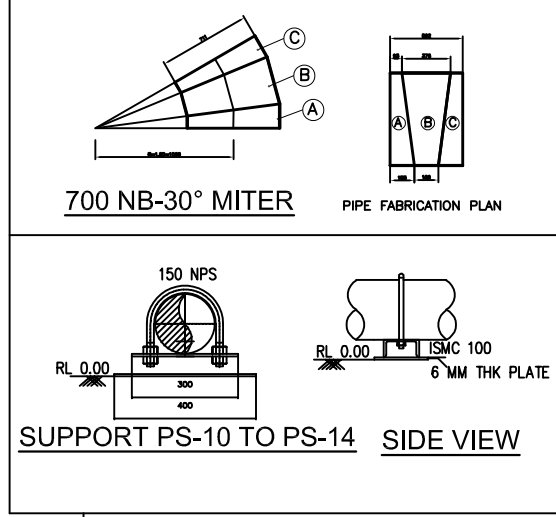
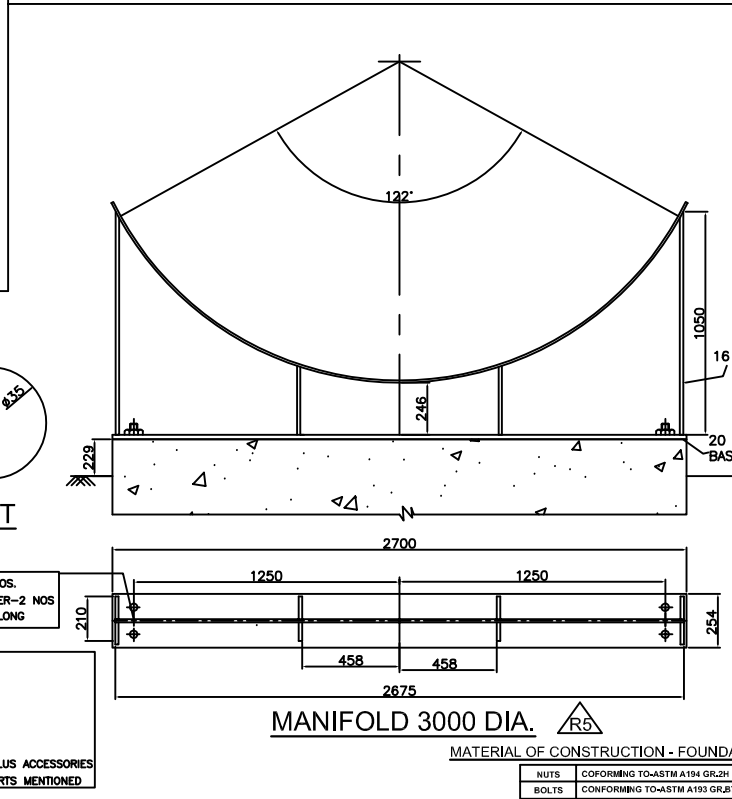
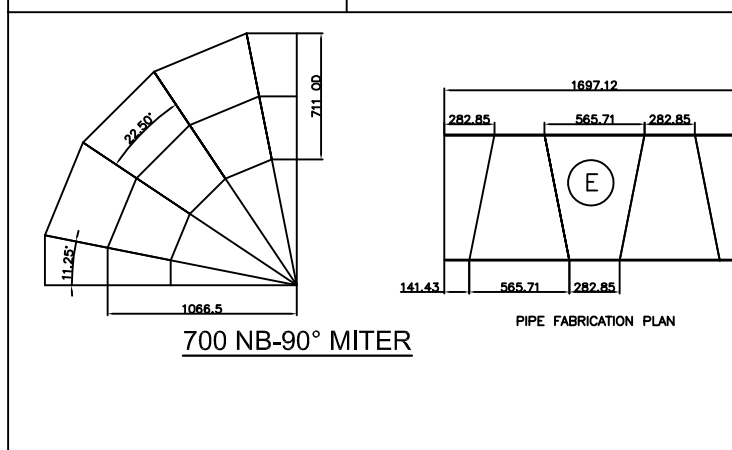
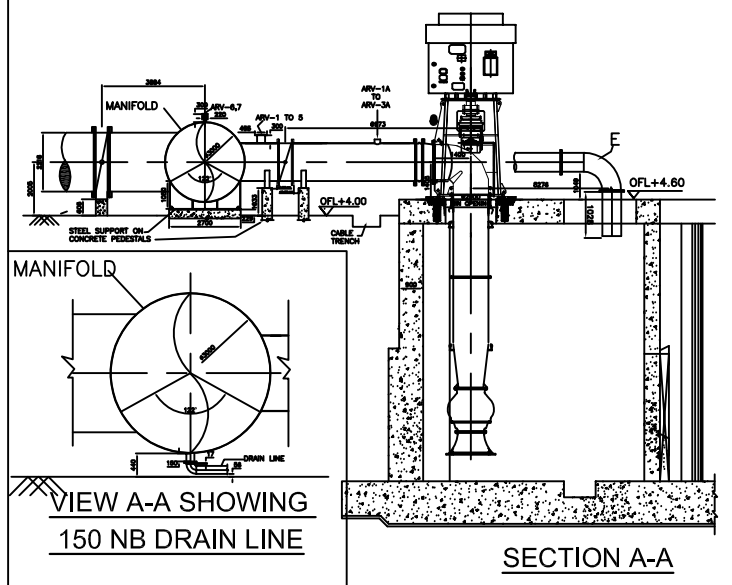


NOTES

- ALL DIMENSIONS IN mm AND ELEVATIONS ARE IN meters
- FOR MANHOLE, REINFORCMENT PAD, STIFFNER RING DETAILS REFER DWG. NO. AHEC/SPSS/M09/01 (SH. 2 OF 5)
- FOR MANIFOLD FABRICATION DETAILS DETAILS REFER DWG. NO. AHEC/SPSS/M09/01 (SH. 3 OF 5)
- VALVE SUPPORTS TO BE DESIGNED BY CIVIL DESIGNER ACCORDING TO WEIGHT & DIMENSIONS AS GIVEN ABOVE

LEGEND

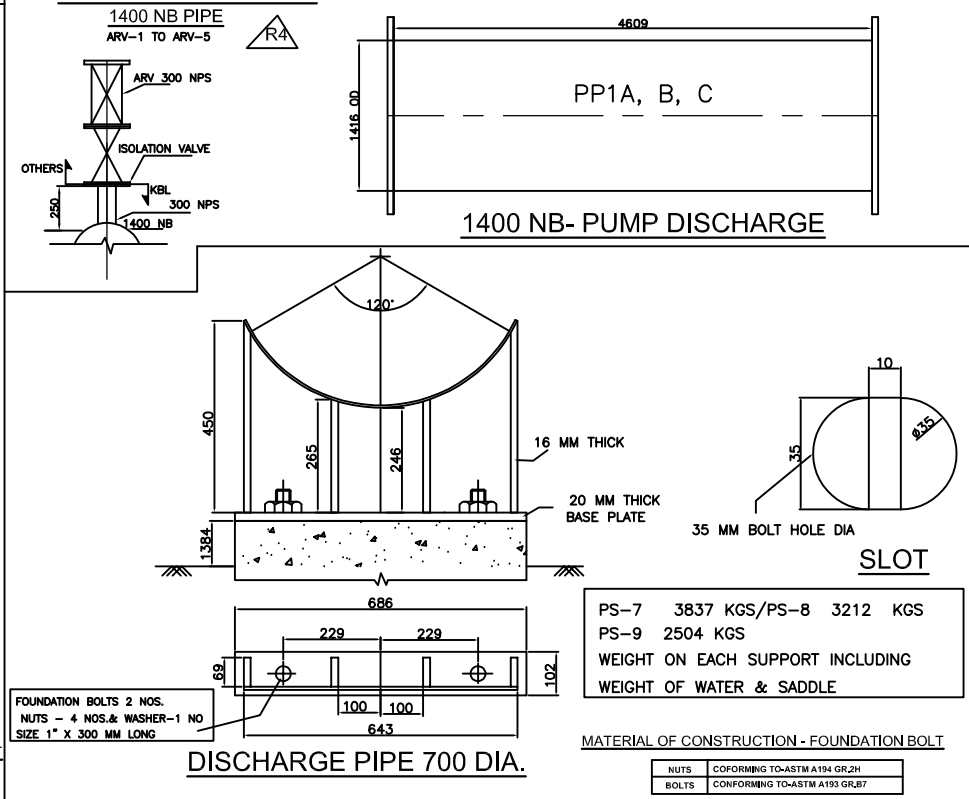
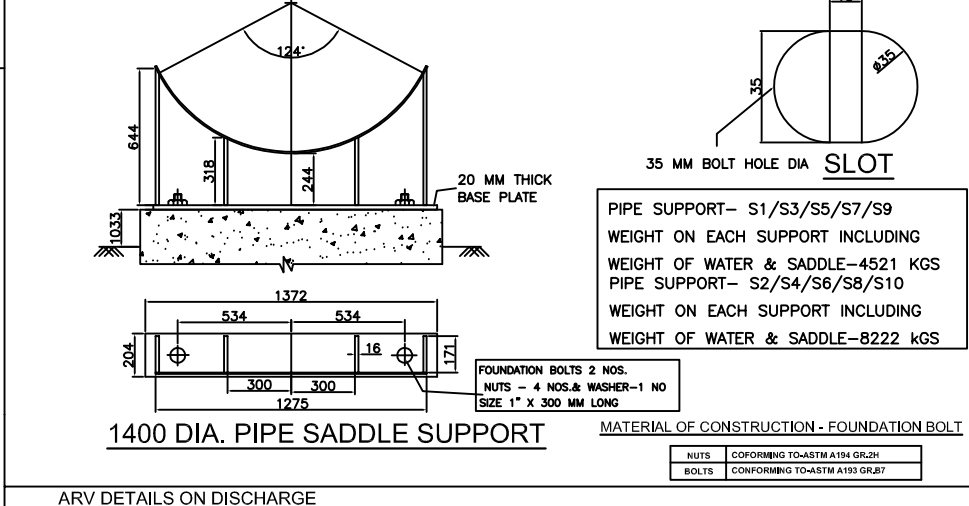
MH - MANHOLE
E - ELBOW
BH - BULKHEAD



BILL OF QUANTITY (PIPE FITTINGS IN PUMPHOUSE)				
SR. NO.	ITEM CODE	DESCRIPTION OF ITEM	TOTAL QTY.	REMARK
1	PP-1A	1416 OD x 8 MM THK. x 4609 MM LONG PIPE	03	BOTH END FLANGED
2	PP-5	711 OD x 6 MM THK. 11208 MM LONG PIPE	01	BOTH END FLANGED
3	PP-6	711 OD x 6 MM THK. 1618 MM LONG PIPE	01	ONE END FLANGED OTHER END PLAIN
4	PP-7	711 OD x 6 MM THK. 1178 MM LONG PIPE	01	122.90
5	PP-8	168.3 OD x 5.4 MM THK. 14112 MM LONG PIPE	01	BOTH END FLANGED
6	PP-9	168.3 OD x 5.4 MM THK. 273 MM LONG PIPE	01	ONE END FLANGED OTHER END PLAIN
7	PP-10	168.3 OD x 5.4 MM THK. 467 MM LONG PIPE	01	10.13
8	E	700 NB 90° MITRE	01	174.80
9	E1	150 NB 45° MITRE	01	4.30
10	CR	1300x1400 NB	03	PUMP DISCHARGE
11	RJ	1400 NB RUBBER EXP. JT.	03	PUMP DISCHARGE

NOTE:- FOR MANIFOLD & NOZZLE BILL OF QUANTITY REFER DWG. NO. AHEC/SPSS/M09/01 (SH. 3 OF 5)

MATERIAL OF CONSTRUCTION FOR PIPE- EN 10025 : 2004 GR.S275J



REVISIONS						
REV.	DESCRIPTION	DATE	DRN BY	ENGINEER	CHD BY	APPD. BY
R0	FOR APPROVAL	21-7-07	DSD/SJ			
R1	LAYOUT CHANGED AS PER SITE DIMENSIONS	16/11/07	DSD/MCS			
R2	BILL OF QUANTITY & TAG NOS. REVISED	15/12/07	DSD/MCS			
R3	PUMP HOUSE LAYOUT MANIFOLD DRG.REVISED	28/02/08	DSD/MCS			
R4	ARV ADDED AFTER SURGE ANALYSIS	05/04/08	DSD/MCS			
R5	MANIFOLD WEB BROUGHT AT CENTRE	20/05/08	DSD/MCS			

PROJECT ENGINEERING			
	DATE	INITIALS	SIGN
CIVIL			
MECH.			
ELECT.			