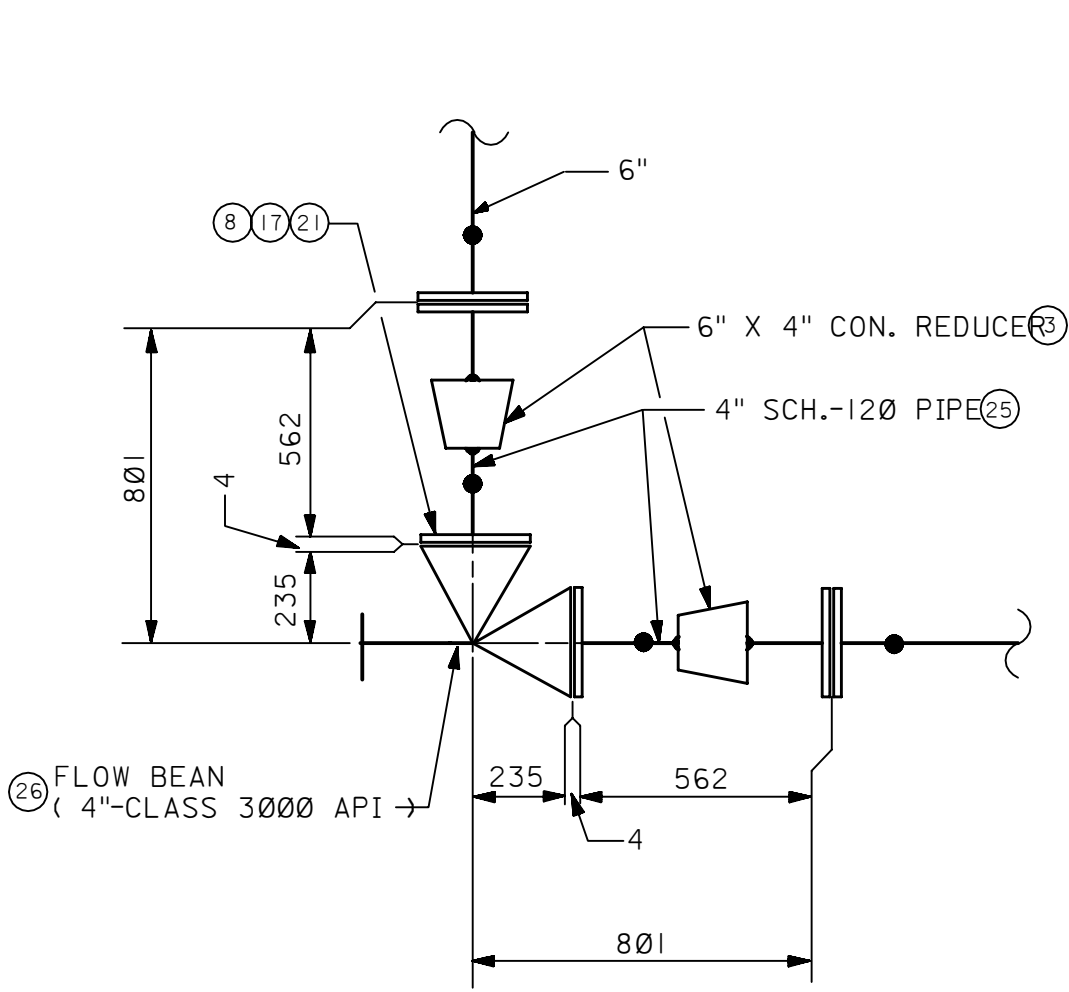
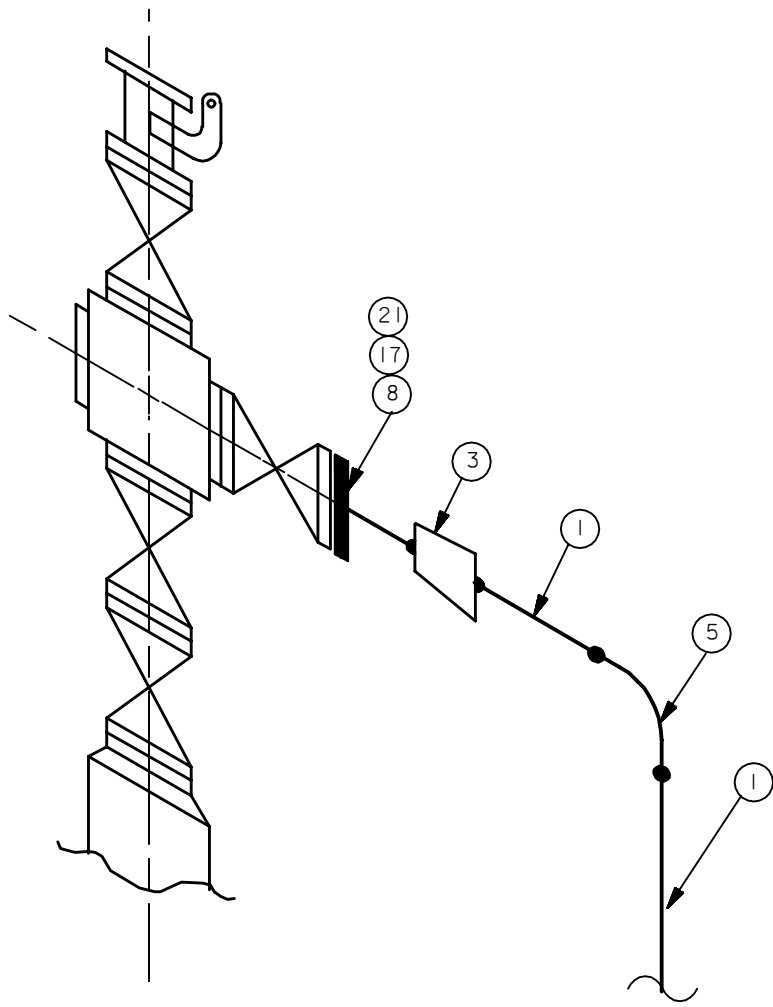


07	100	AB-036536	7	099
NO. REV.	NO. SH.	NO. DRAWING	NO. INDEX	NO. PLANT



" ALTERNATIVE DETAIL-I "

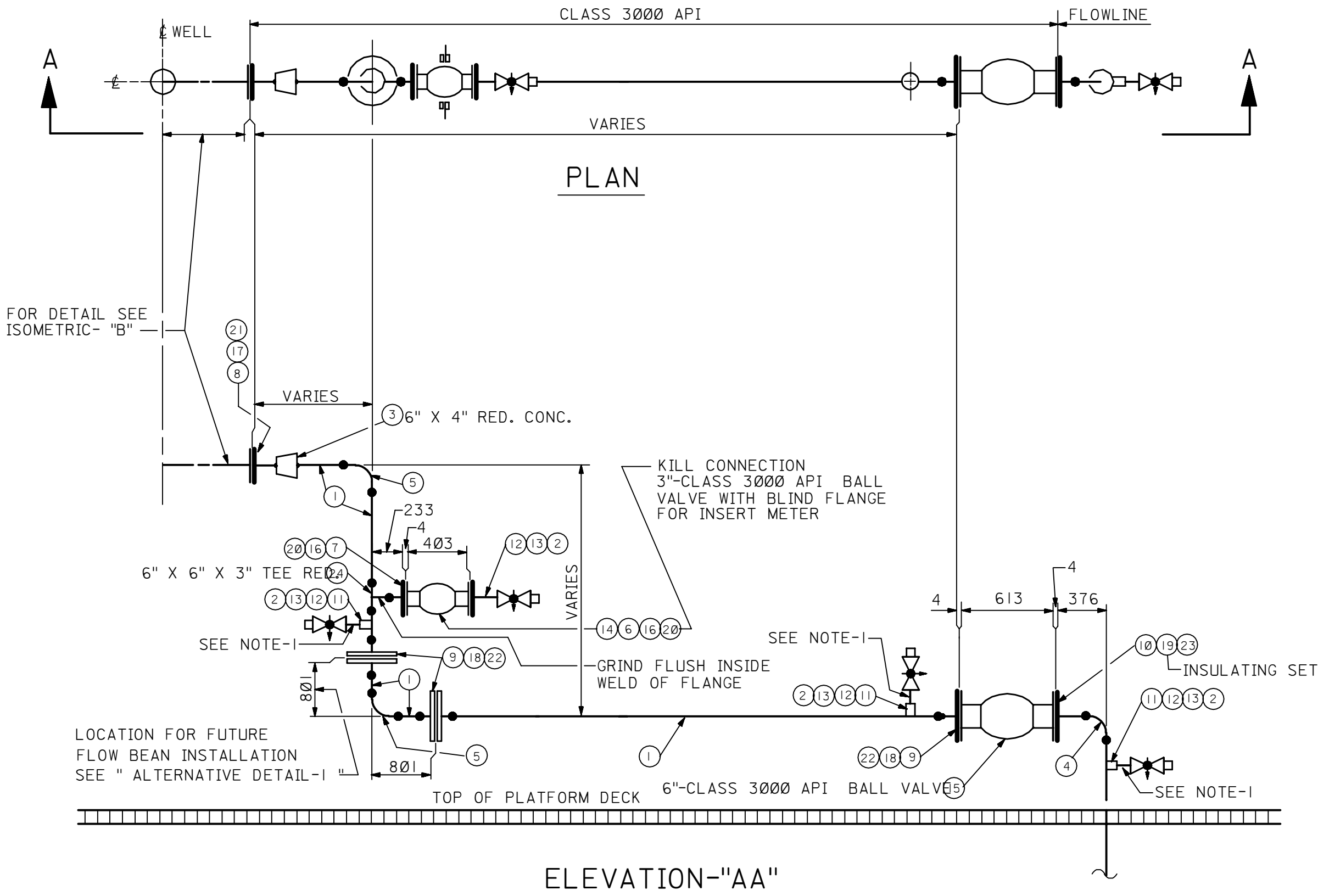


ISOMETRIC-"B"

LIST OF MATERIAL
(FOR ONE WELL HEAD PIPING INSTALLATION ONLY)

STOCK NO.	ISSUE UNIT	QUANTITY	DWG. CODE	DESCRIPTION
01-167-575	FT	60	1	PIPE STL, API-5L-GR.B, 6" x 14.27 mm W.T.
02-120-460	EA	4	2	PLUG: PIPE,ROUND HEAD; BLACK; C.S. 3/4 " x 3" LG.
02-221-428	EA	1	3	REDUCER: B.W., C.S., CONC, 6" X 4"; x 0.562" x 0.438" W.T.
02-277-642	EA	1	4	ELBOW: B.W., C.S., 90°, L.R., 6"; 0.432" W.T.
02-277-737	EA	2	5	ELBOW: B.W., C.S., 90°, L.R., 6" SCH. 120; 0.562" W.T.
02-375-414	EA	1	6	FLG: BLIND, F.S., R.J. CLASS 3000 API, 3", TAPPED 3/4 "
02-393-598	EA	1	7	FLG: W.N., F.S., R.J. CLASS 3000 API, 3"; 2.900" BORE
02-393-611	EA	1	8	FLG: W.N., F.S., R.J. CLASS 3000 API, 4"; 3.624" BORE
02-393-630	EA	5	9	FLG: W.N., F.S., R.J. CLASS 3000 API, 6"; 5.501" BORE
02-396-125	EA	1	10	FLG: W.N., F.S., R.J. CLASS 900, 6"; 5.761" BORE
02-455-404	EA	3	11	BOSS: WLDG., C.S., 3/4 " x 2" LG.
02-672-196	EA	4	12	NIPPLE: PIPE, STL, EX. STG, 3/4 " X 2" LG.
04-796-664	EA	4	13	VALVE: GLOBE, NEEDLE, THRD., 10000 LB, 3/4 "
04-604-823	EA	1	14	VALVE: BALL, FLGD., R.J., CLASS 3000 API, 3"
04-604-856	EA	1	15	VALVE: BALL, FLGD., R.J., CLASS 3000 API, 6"
06-142-717	EA	2	16	GASKET: R.J., FOR CLASS 3000 API, 3" FLG.
06-142-724	EA	1	17	GASKET: R.J., FOR CLASS 3000 API, 4" FLG.
06-142-730	EA	3	18	GASKET: R.J., FOR CLASS 3000 API, 6" FLG.
06-257-330	EA	1	19	INSULATING SET: FLANGE, R.J., CLASS 900, 6"
10-354-550	EA	16	20	BOLT: STUD, STL, 1 1/8 " , 6" LG, FOR 3"-CLASS 3000 API FLG.
10-355-688	EA	8	21	BOLT: STUD, STL, 1 1/8 " , 7" LG, FOR 4"-CLASS 3000 API FLG.
10-355-700	EA	36	22	BOLT: STUD, STL, 1 1/8 " , 8" LG, FOR 6"-CLASS 3000 API FLG.
10-355-706	EA	12	23	BOLT: STUD, STL, 1 1/8 " , 8 1/2 " LG, FOR 6"-CLASS 900 FLG.
02-605-608	EA	1	24	TEE: B.W., RED, 6" X 6"3X (0.562" x 0.562" x 0.300" W.T.)
MATERIAL FOR ALTERNATIVE DETAIL				
02-221-428	EA	2	3	REDUCER: B.W., C.S., CONC, 6" X 4"; 0.562" x 0.438" W.T.
02-393-611	EA	2	8	FLG.: W.N., R.J., CLASS 3000 API, 4", SCH.120; 3.624" BORE
06-142-724	EA	2	17	GASKET: R.J., FOR CLASS 3000 API, 4" FLG.
10-355-688	EA	16	21	BOLT: STUD, STL, 1 1/8 " , 7" LG, FOR 4"-CLASS 3000 API FLG.
01-167-415	FT	1	25	PIPE: STL, API-5L-GR. B, 4"; x 11.13 mm WALL
45-	EA	1	26	BEAN: FLOW, ADJ., 4" R.J. CLASS 3000 API, 3" ORIFICE, H S SERVICE

- GENERAL NOTES:
1. SEAL WELD GAGE COCKS, 2 PASSES WITH 3 mm (1/8 ") E-7018 WELDING ROD.
 2. ORIENTATION OF MANIFOLD TO BE FIELD DETERMINED.
 3. HYDROSTATIC PRESSURE FOR WELL HEAD PIPING ONLY TO BE 37.2 MPa(ga X5400 PSIG.)
 4. CLASS 3000 API BLIND FLANGE REQUIRED ON DOWNSTREAM OF 6" BALL VALVE FOR HYDRO TEST.
 5. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE.



TYPICAL INSTALLATION DRAWING

07	07-02-86	RLO	COMPLETELY REDRAWN			
REV. NO.	DATE	BY	DESCRIPTION	CHKD	CERT.	APPD.
FOR ARABIAN AMERICAN OIL COMPANY						
DRAWN BY MJF/MN CHECKED BY NAK SCALE: NONE						
DATE STARTED DATE COMPLETED 11-6-74						
OPR'G. DEPT. ENG. DEPT.						
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED				CERTIFIED DATE		
OFFSHORE OIL WELL MANIFOLD						
SINGLE WELL PLATFORM						
STD. DWG METRIC						
PLANT NO.		INDEX	DRAWING NO.	SH. NO.		REV. NO.
990		L	AB-036536	001		07