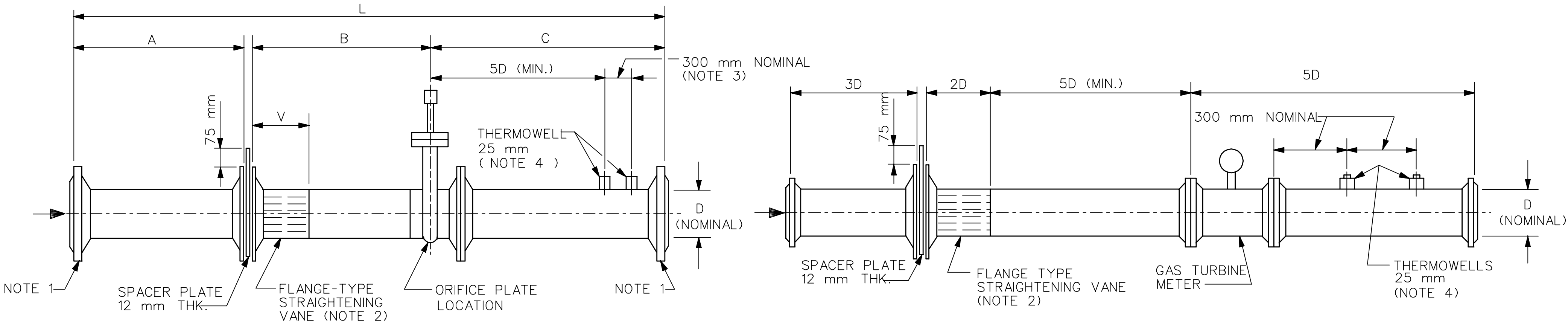




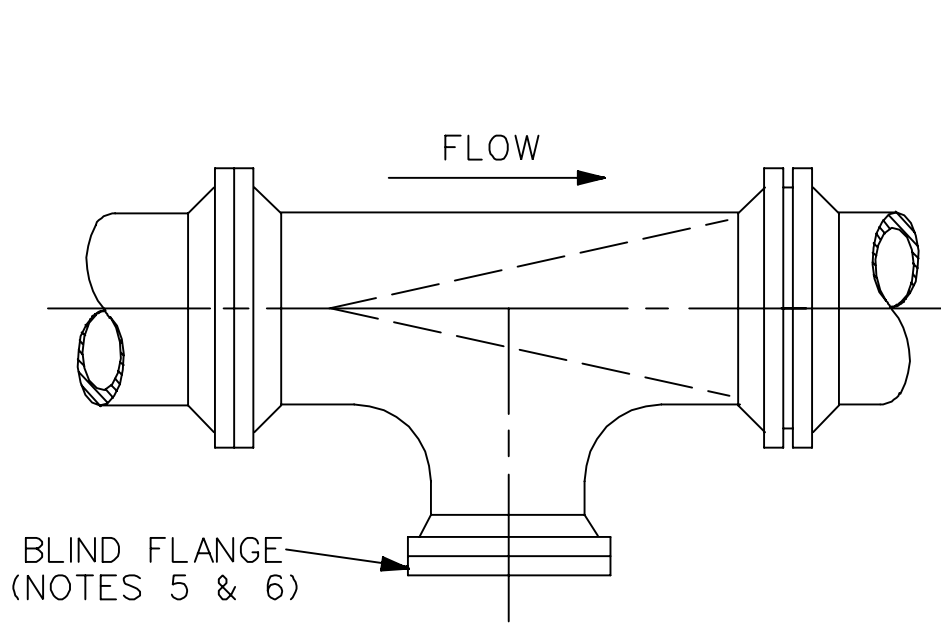
NOMINAL LINE SIZE (D) (INCH)	L	A	B	C	V
4	4.26	1.37	1.37	1.52	0.25
6	6.17	1.93	1.93	2.31	0.31
8	8.21	2.57	2.57	3.07	0.41
10	10.26	3.20	3.20	3.86	0.51
12	12.22	3.81	3.81	4.60	0.61
16	13.42	4.27	4.27	4.88	0.81
20	15.99	5.33	5.33	5.33	1.02
24	18.59	6.40	6.40	5.79	1.22
30	23.53	8.08	8.08	7.37	1.52

ALL DIMENSIONS ARE IN METERS

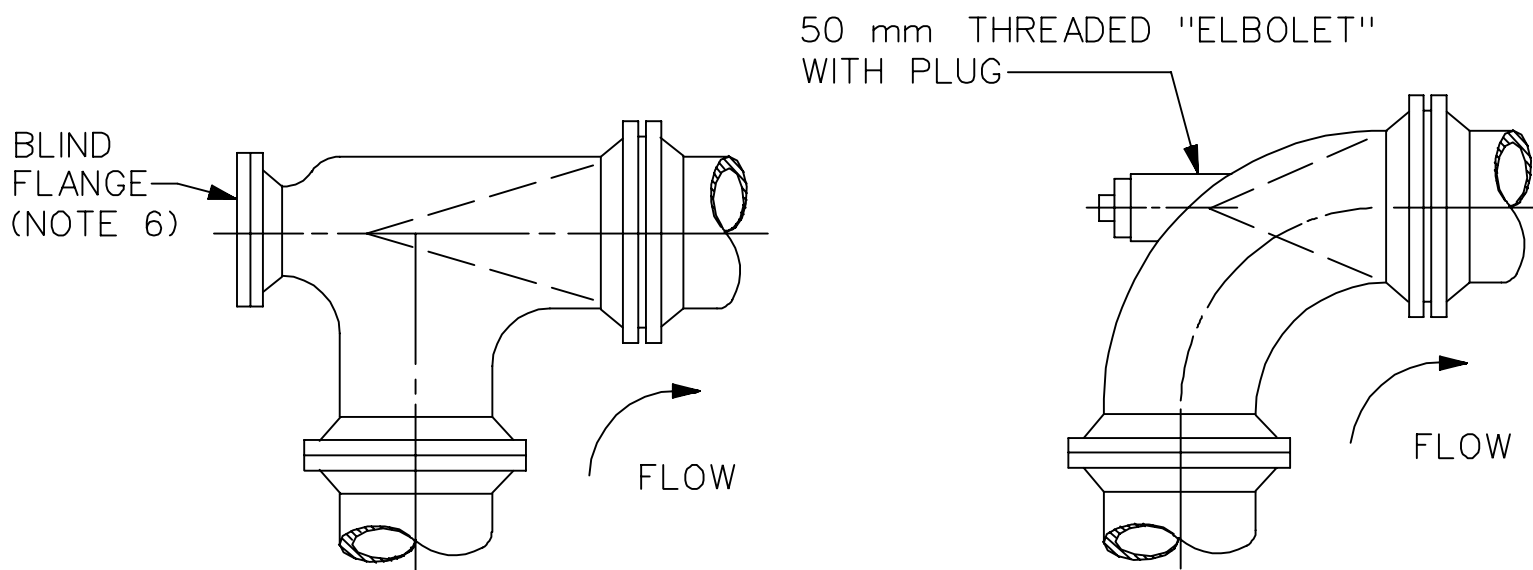
DETAIL 2
METER RUN
INSTALLATION REQUIREMENTS
(MINIMUM LENGTHS) SEE NOTE-8

- NOTES:
- GENERAL : THIS DRAWING IS APPLIED IN CONJUNCTION WITH AES-J-101.
 1. FLANGED OR BEVELED ENDS MAY BE USED.
 2. LINE-TYPE STRAIGHTENING VANE SHOULD BE USED ABOVE 0.5 M (20-INCH) LINE SIZE.
 3. SEE AES-J-101, PARA. 6.2.7.3 FOR PLACEMENT DETAILS.
 4. SEE STD. DRAWING AB-036019 FOR INSTALLATION DETAILS.
 5. INSPECTION/CLEAN-OUT PORT TO BE IN HORIZONTAL PLANE.
 6. MAXIMUM SIZE OF 0.15 M (6-INCH). USE LINE SIZE FOR 0.10 M (4-INCH) METER RUNS.
 7. TOTAL AREA OF STRAINER HOLES TO BE AT LEAST 130% OF THE METER RUN CROSS-SECTIONAL AREA.
 8. TURBINE METER MAY BE USED ONLY WHEN A SUITABLE GAS PROVER IS AVAILABLE IN THE KINGDOM OR IN THE ARAMCO SYSTEM FOR CALIBRATION PURPOSES.

DETAIL 1
ORIFICE METER TUBE LENGTH REQUIREMENTS



IN-LINE INSTALLATION



NON IN-LINE INSTALLATIONS

DETAIL 3
CONE TYPE STRAINERS
(NOTE 7)

DWG. RESPONSIBILITY :

ROYALTY AND CUSTODY
MEASUREMENTS STANDARDS COMMITTEE

03	AUG98	MAQ	DWG. REINSTATED & CHANGED DWG. INDEX FROM 'J/L' TO 'Y'.			
02	NOV96	RCR	CANCELLED/CONVERTED TO LIBRARY DRAWING DB-950037.	ORIG. SIGNED	ORIG. SIGNED	ORIG. SIGNED
1	11-12-85	LML MNL	REDRAWN, REVISED AND ADDED MANDATORY NOTE.	ORIG. SIGNED	ORIG. SIGNED	ORIG. SIGNED
REV. NO.	DATE	BY	DESCRIPTION	CHK'D	CERT.	APP'D

FOR ARABIAN AMERICAN OIL COMPANY

DRAWN BY: RLO/LML CHECKED BY: NJF 03.26.84 SCALE: N.T.S.

DATE STARTED DATE COMPLETED 03.26.84

OPR'G DEPT. ENG. DEPT.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED

CONTR. CERT DATED

ROYALTY/CUSTODY METERING
FOR HYDROCARBON GASES

STD. DWG.			METRIC		
PLANT NO.	INDEX	DRAWING NO.	SHT. NO.	REV. NO.	
990	Y	AB-036379	001	03	