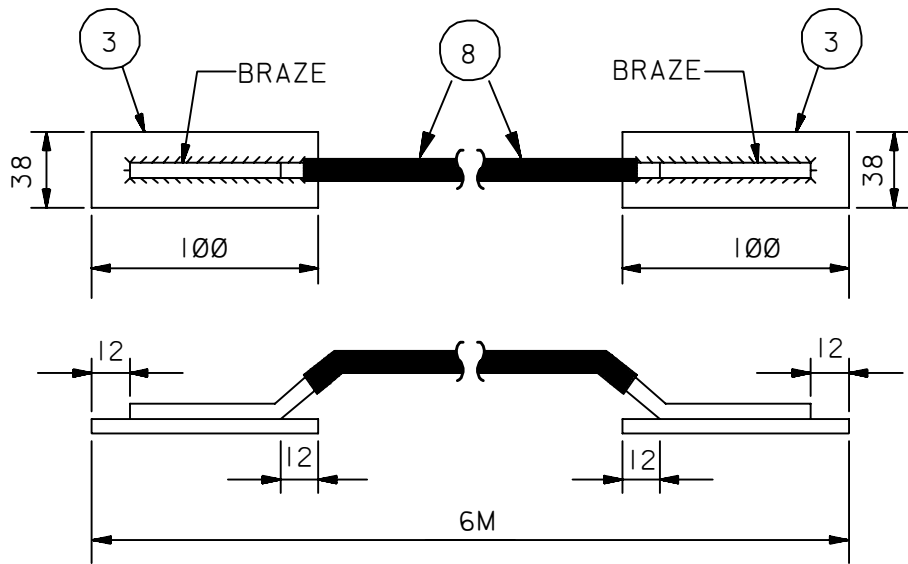
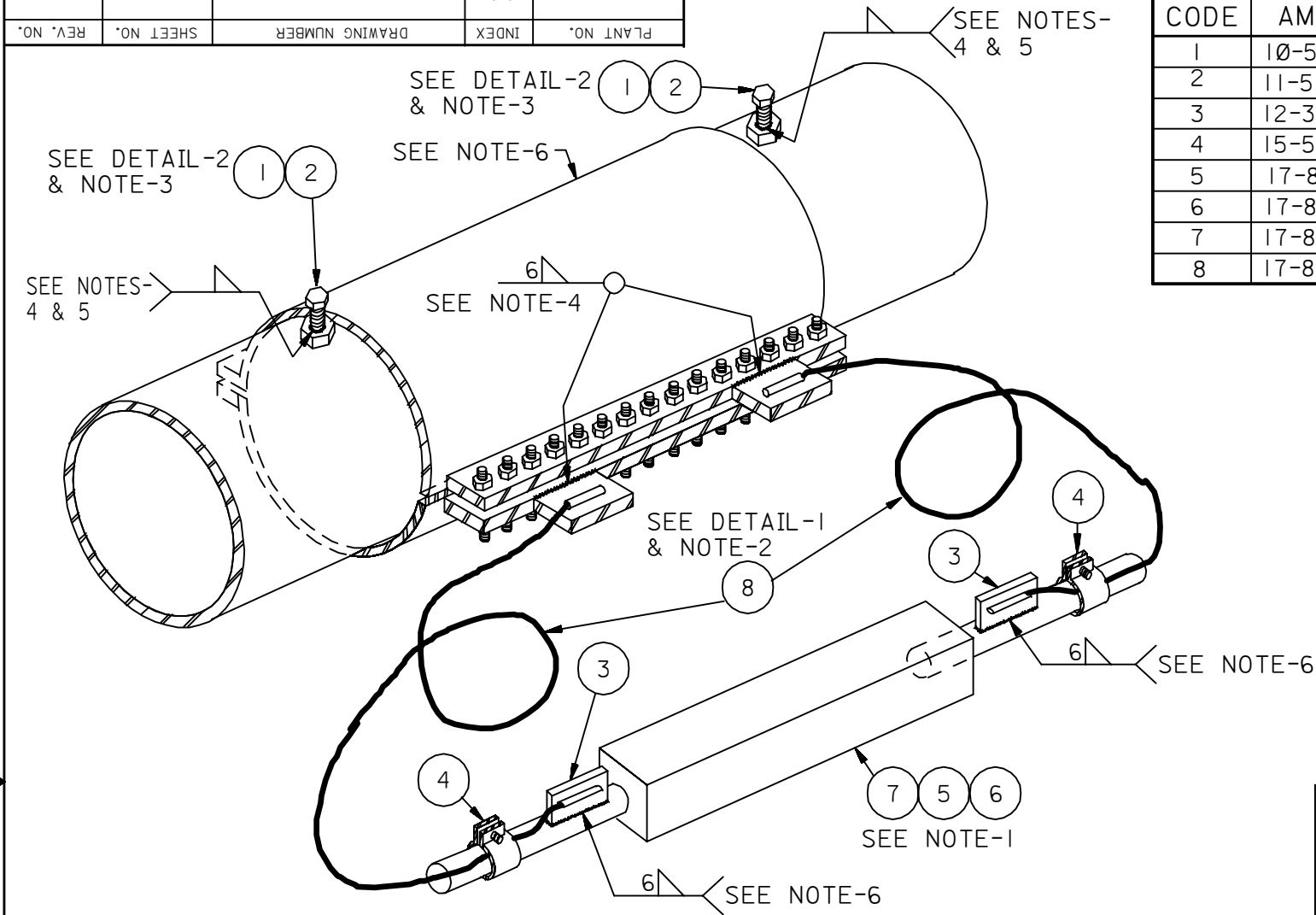
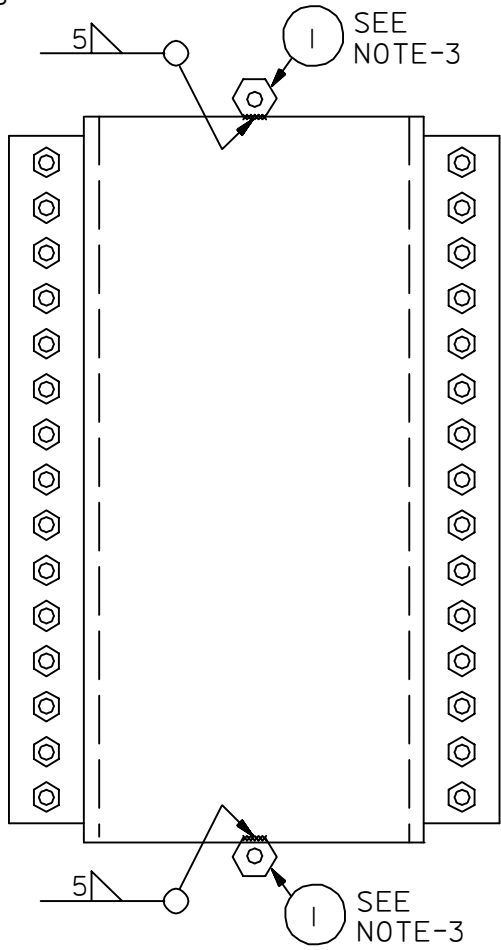


Ø4	Ø01	AD-Ø36763	X	Ø99
REV. NO.	SHEET NO.	DRAWING NUMBER	INDEX	PLANT NO.



DETAIL-1

MATERIAL LIST		
CODE	AMS NO.	DESCRIPTION
1	10-579-Ø17	NUT: HEAVY; 1/2 " x 13
2	11-524-79Ø	BOLT: CASE HARDENED; 1/2 "
3	12-335-234	BAR: STEEL; 1/4 " x 1 1/2 "
4	15-525-35Ø	TIE: CABLE; POLYPROPYLENE
5	17-851-Ø31	ANODE: GALVALUM III; 56Ø Lbs.
6	17-851-Ø53	ANODE: GALVALUM III; 1245 Lbs.
7	17-851-4ØØ	ANODE: GALVALUM III; 279 Lbs.
8	17-858-793	CABLE: HMWPE; NO. 7ØmØ



DETAIL-2

- NOTES:
1. SIZE OF THE ANODE SHALL BE DETERMINED BY THE PROPONENT'S OPERATIONS ENGINEERING DIVISION ACCORDING TO THE SIZE OF THE PIPELINE AND THE CONDITION OF THE WEIGHT-COAT AND THE PIPELINE COATING.
 2. TO ALLOW FOR THE MOVEMENT OF THE PIPELINE, MAKE A LOOP IN THE CABLE BEFORE WELDING THE CABLE LEAD ONTO THE SLEEVE FLANGE.
 3. THE 1/2 " NUTS AND THE 1/2 " STEEL CASE HARDENED BOLTS CAN BE ELIMINATED IF THE SLEEVE IS WELDED TO THE PIPELINE.
 4. THE CSD WELDING ENGINEER SHALL BE CONSULTED FOR PROPER PROCEDURES BEFORE PROCEEDING WITH THE SUBSEA WET WELDING.
 5. WHEN THE SET SCREWS HAVE BEEN TIGHTENED AND THE POINTS MATE WITH THE BARE STEEL OF THE PIPELINE FOR ELECTRICAL CONTINUITY, TACK WELD THE SET SCREWS TO THE NUTS.
 6. THE PLIDCO SLEEVE AND ALL OTHER BARE STEEL SURFACES SHALL BE CLEANED AND COATED AS PER AES-H-ØØ2.
 7. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

MANDATORY DRAWING

Ø4	Ø8-28-89	RLO	COMPLETELY REDRAWN AND REVISED.			
REV. NO.	DATE	BY	DESCRIPTION	CH'K'D	CERT.	APP'D

SAUDI ARABIAN OIL COMPANY

DRAWN BY RAK CHECKED BY NJF
DATE STARTED DATE COMPLETED Ø6-Ø3-8Ø
OPR'G DEPT. ENG DEPT.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED	CERTIFIED DATE
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CATHODIC PROTECTION
ANODE FOR OFFSHORE PLIDCO SLEEVE
STD. DWG. METRIC

PLANT NO.	INDEX	DRAWING NUMBER	SHEET NO.	REV. NO.
99Ø	X	AD-Ø36763	ØØ1	Ø4