

PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
990	Q/X	AB-036255	001	04

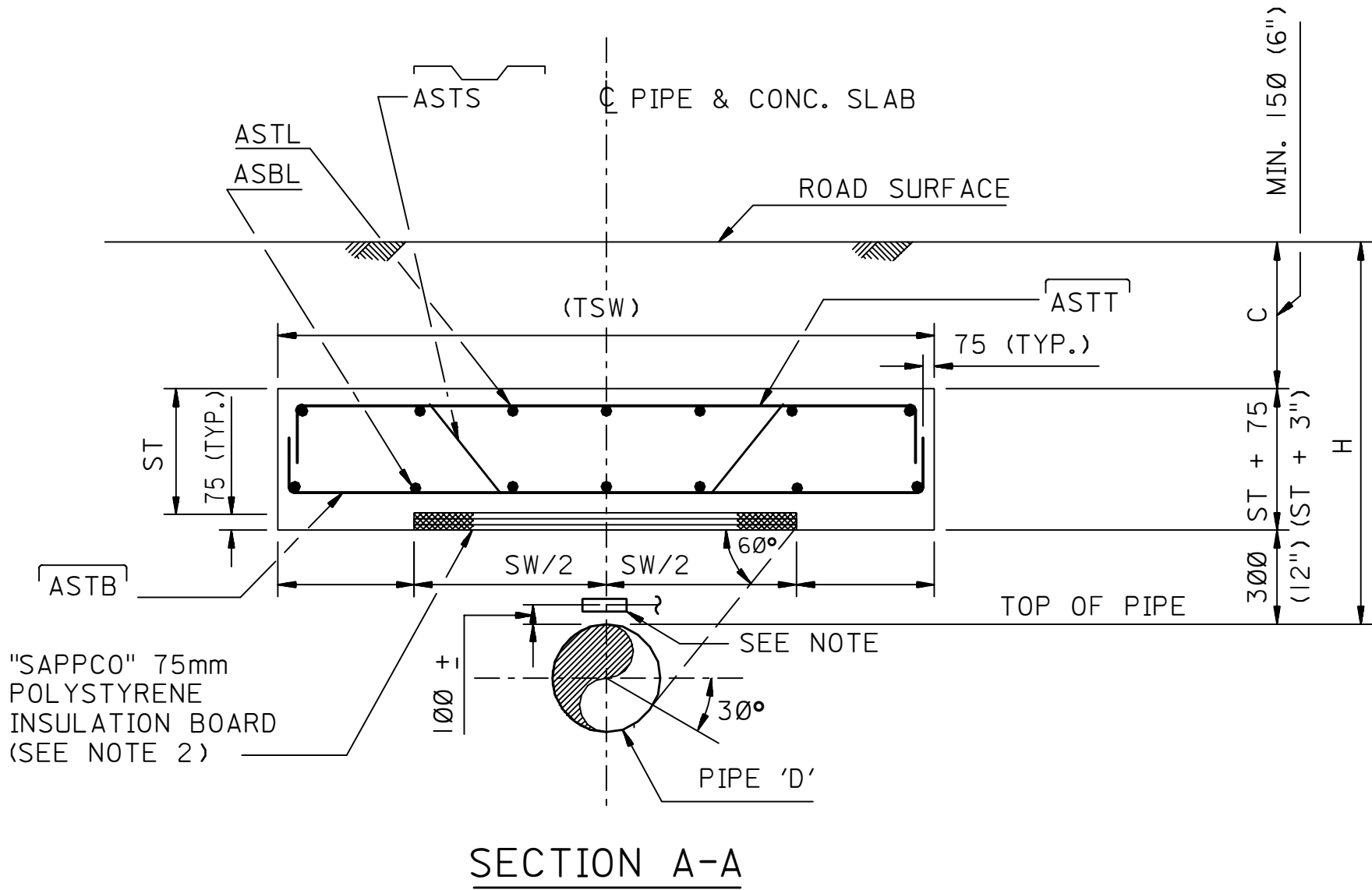
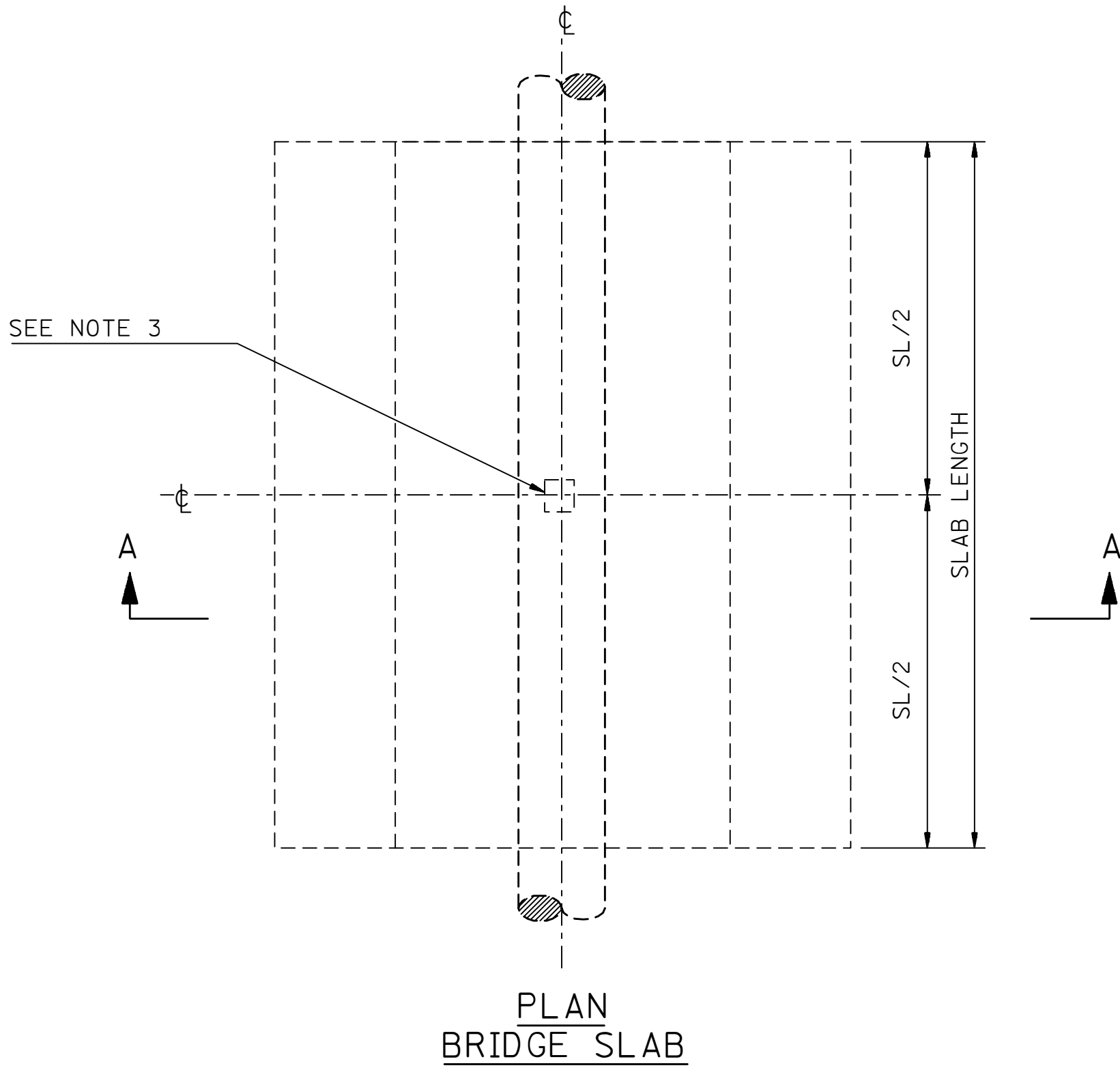


TABLE - BRIDGE SLAB DESIGN										
PIPE O.D. IN.	DEPTH H.	COVER C.	SLAB DIMENSIONS			REBARS				
			SW	SL	ST	ASTB	ASBL	ASTT	ASTL	ASTS

- NOTES:
- THIS DRAWING ILLUSTRATES CONCRETE SLAB DESIGN FOR PIPELINES CROSSING UNDER ROADS. THE DESIGN AND INSTALLATION SHALL BE IN ACCORDANCE WITH SAES-L-046. THE DRAWING IS INTENDED FOR USE WITH A COMPUTER PROGRAM FOR CONCRETE SLAB DESIGN WHICH IS AVAILABLE IN CONSULTING SERVICES DEPT., DHAHRAN.
 - THE POLYSTYRENE INSULATION BOARD SHALL NOT BE REPLACED BY ANY OTHER MATERIAL WITHOUT ENGINEER'S APPROVAL.
 - CORROSION PROTECTION SHALL BE PROVIDED AS REQUIRED BY SAES-L-033. A PERMANENT ZINC REFERENCE ELECTRODE PER STD. DWG. AA-036355 DETAIL-7 SHALL BE INSTALLED UNDER THE SLAB AS SHOWN. THE INSTALLATION SHALL INCLUDE A TEST LEAD AT ONE SIDE OF THE ROAD.
 - PROVIDE EXPANSION JOINTS TO KEEP SLAB LENGTH BETWEEN 4.5 AND 9 METERS (15 TO 30 FT.)
 - DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

REFERENCE DRAWINGS	
GALVANIC ANODES FOR ROAD & CAMEL PIPELINE CROSSING INSTALLATION DETAILS	AA-036352
TANK BOTTOM IMPRESSED CURRENT CATHODIC PROTECTION DETAILS	AA-036355
THERMITE WELDING OF CATHODIC PROTECTION CABLES & COATING REPAIRS TO BURIED PIPELINE	AA-036381
MAGNESIUM ANODE INSTALLATION AT PIPELINE REPAIR LOCATIONS LAYOUT, SECTION & DETAILS	AA-036478

04	OCT93	ESSD CAB		REVISED NOTES AND INDEX			
03	JUN92	ESSD JVV		DRAWING DIGITIZED INTO CADD DATABASE WITHOUT CHANGES			
REV. NO.	DATE	BY	JO/EWO	DESCRIPTION	CHKD.	CERT.	APPD.

SAUDI ARABIAN OIL COMPANY

DRAWN BY M. NIAZI CHECKED BY _____ SCALE NONE

DATE STARTED _____ DATE COMPLETED 03-14-78

OPR'G. DEPT. _____ ENG. DEPT. _____

APP'D FOR CONSTR. _____

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

CERTIFIED _____ BY _____ DATE _____

PLAN & DETAIL

CONCRETE SLABS

FOR ROAD CROSSING

STD. DWG. METRIC

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