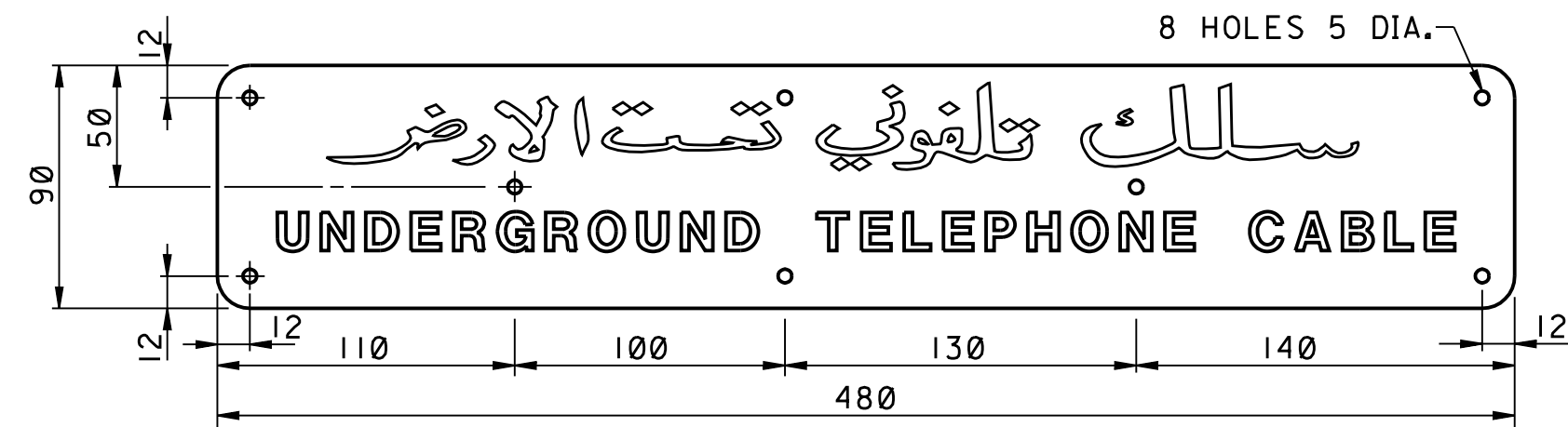
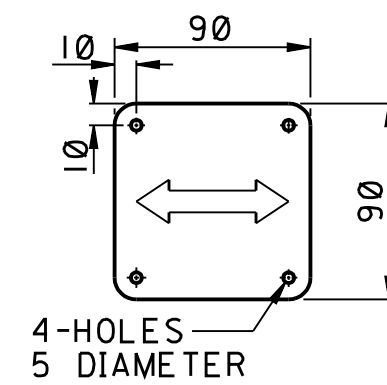
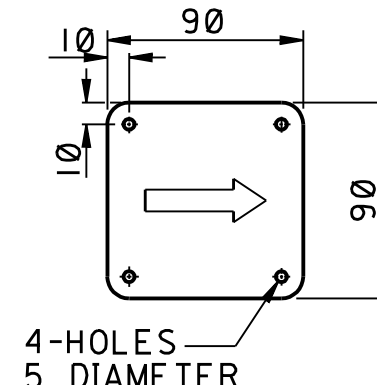




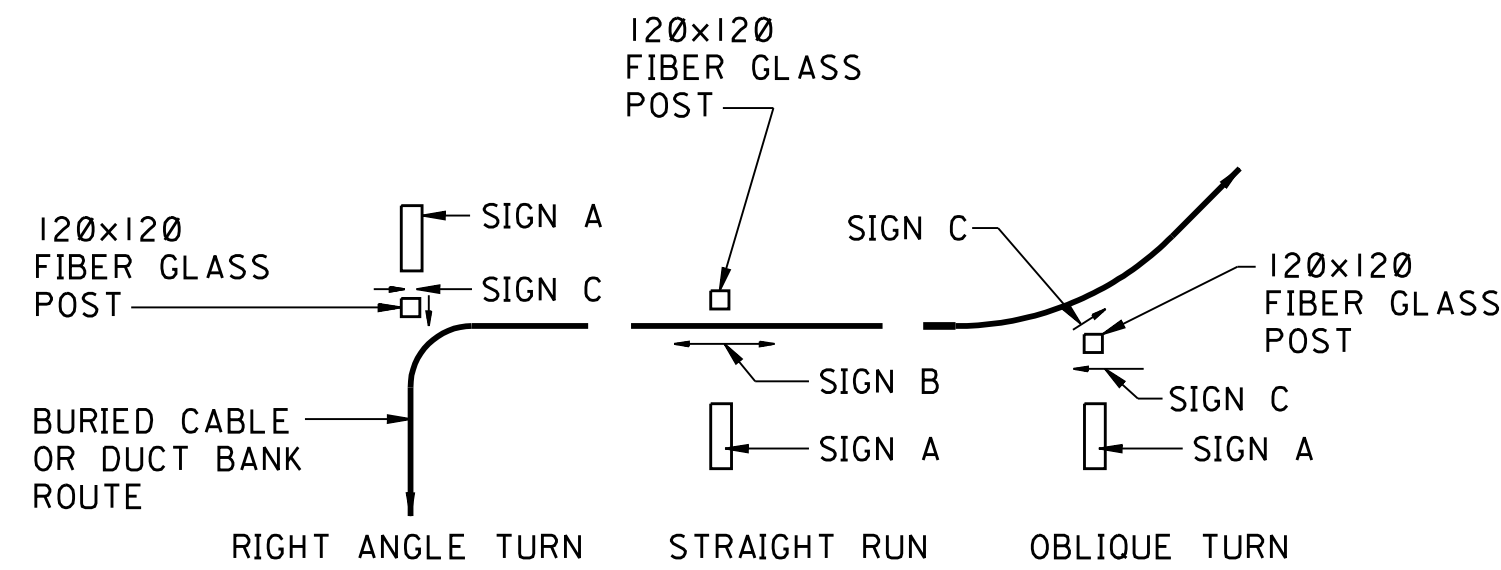
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(AMS NO. 21-565-900)



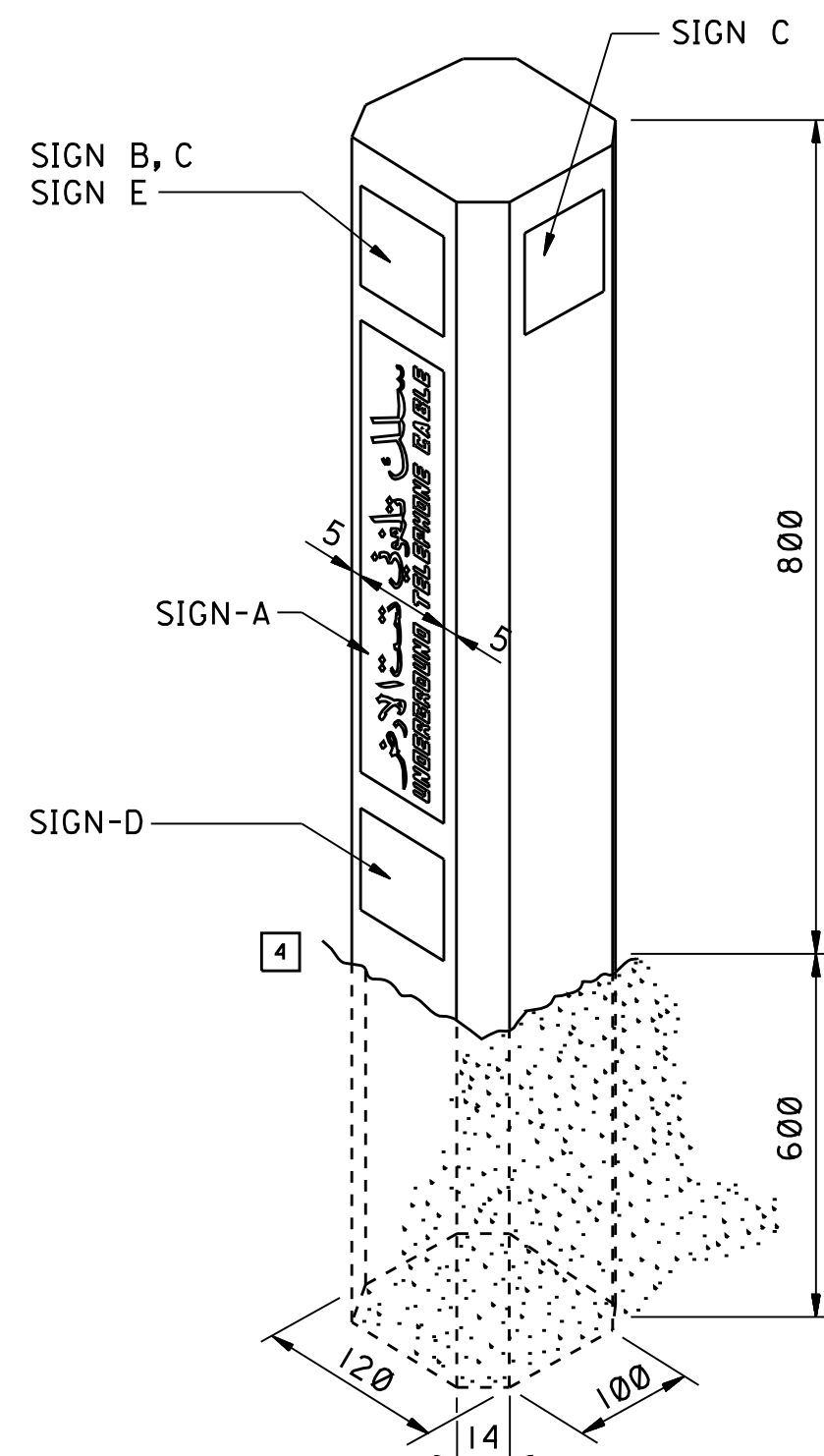
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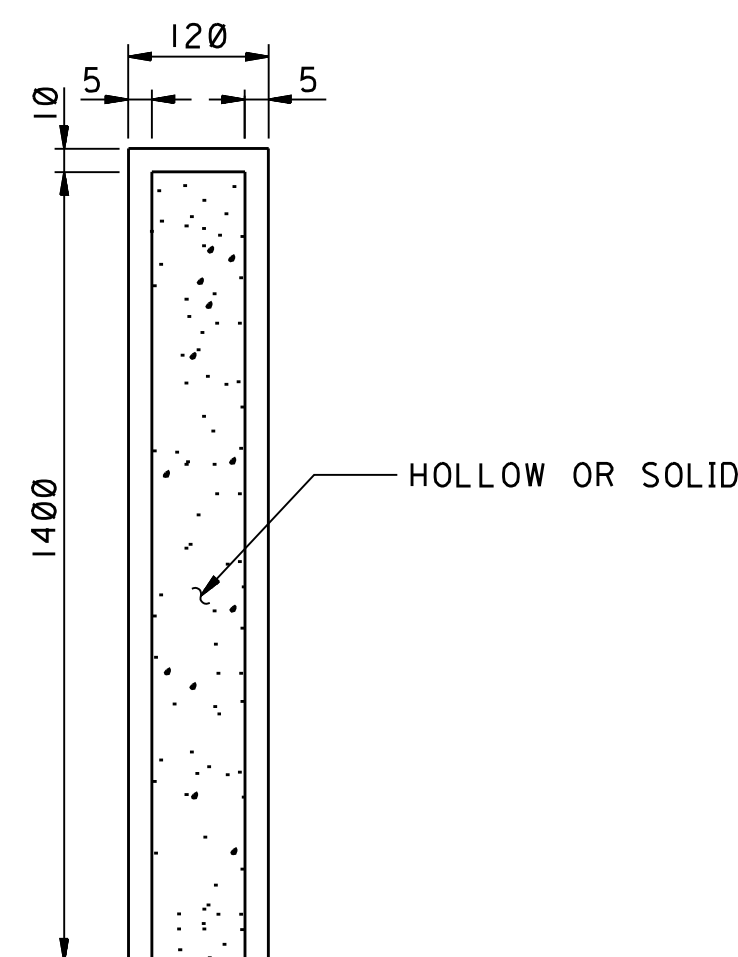
SIGN-C
(AMS NO. 21-565-054)



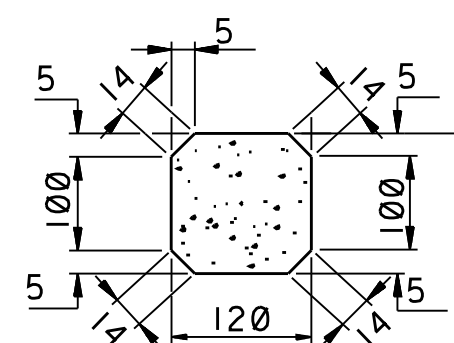
INSTALLATION OF POSTS AND SIGNS



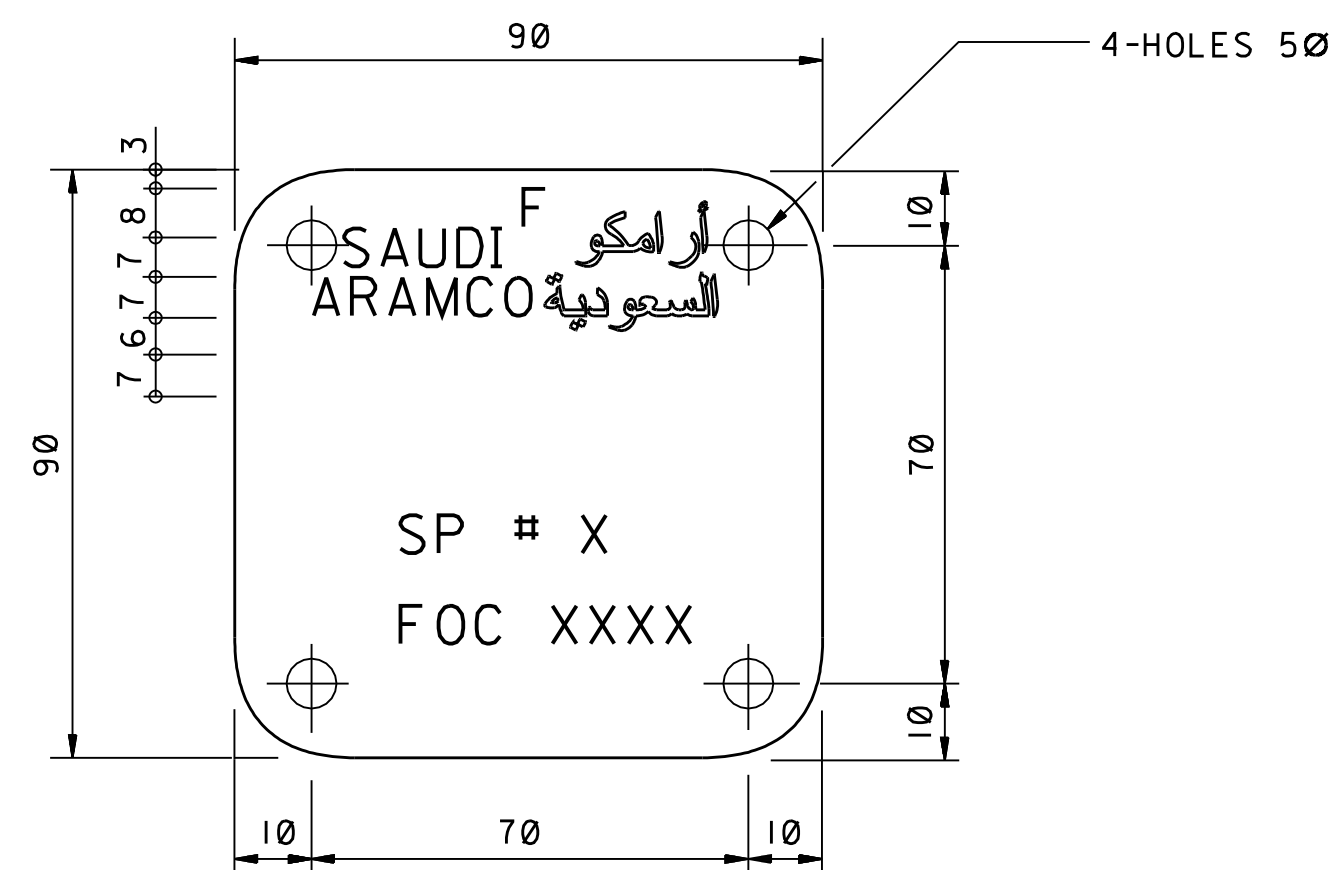
FIBER GLASS MARKER POST



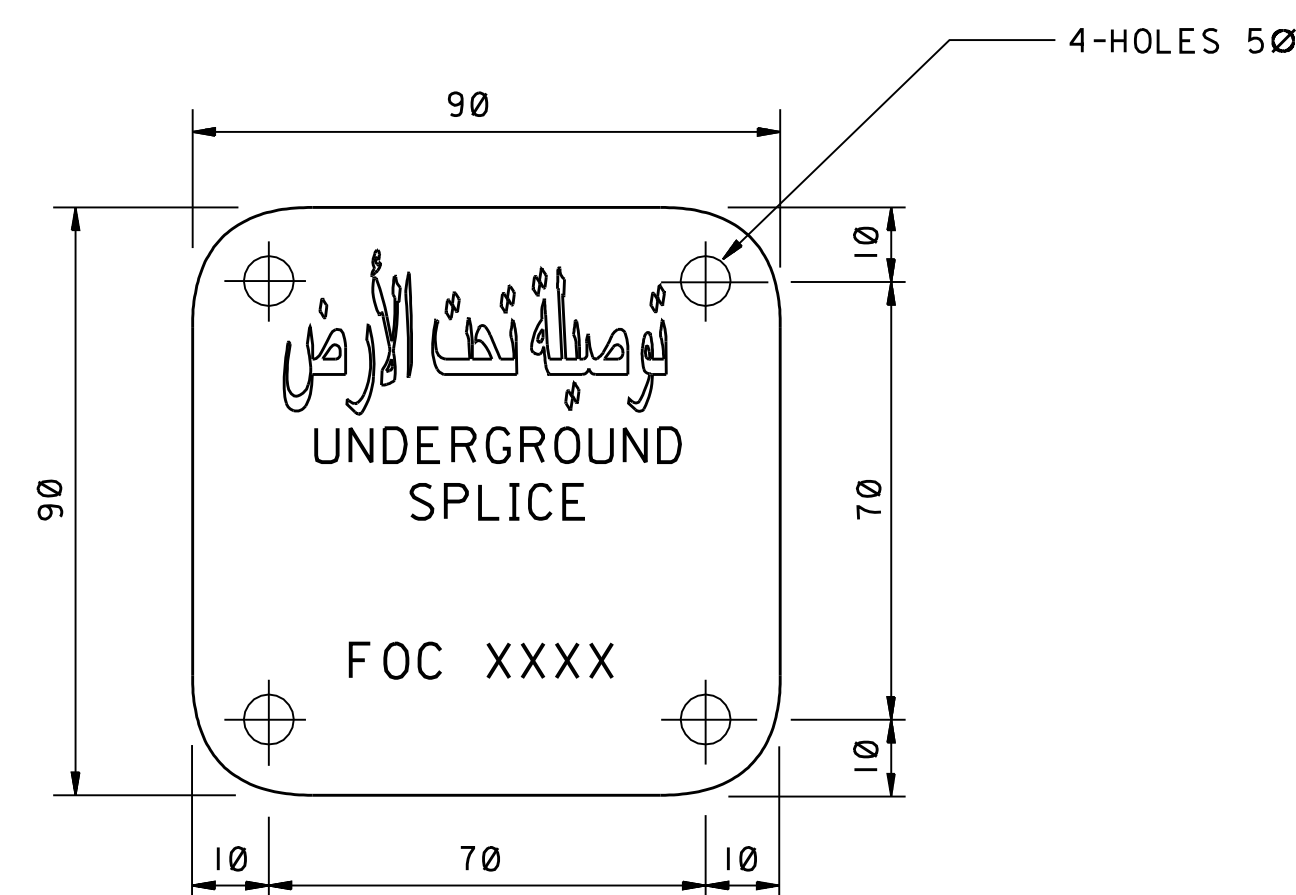
TOP VIEW



FIBER GLASS MARKER POST



SIGN-D
SP LICE/FOC NUMBER



SIGN-E
SP LICE LOCATION/FOC NUMBER

MARKER SIGNS

NOTES:

1. FIBER GLASS MARKER POST SHALL BE ORANGE IN COLOR. SIGNS ARE TO MEET ANSI SPECIFICATION 235.1-1972 PARAGRAPH 9.1, 9.2 AND 9.3.
2. ALL LETTERING SHALL BE ENGRAVED/STAMPED.
3. FOR COLOR SPECIFICATION SEE SAES-H-101, "ARAMCO PAINT AND COATING SYSTEMS". SECTION APC5-6.
4. REFERENCES: SAES-T-624, SAES-T-629 AND SAES-T-911.
5. THE MATERIAL FOR SPLICE POINT SIGNS D & E SHALL BE MADE OF ALUMINUM OR STAINLESS STEEL. KILOMETER MARKINGS AND SPLICE POINT NUMBERS SHALL BE STAMPED/ ENGRAVED INTO THE METALLIC SIGNS AND SHALL BE PLACED AT ALL SPLICE POINT LOCATIONS, THE SIGNS SHALL BE ATTACHED TO THE MARKER POST WITH BLIND RIVET (3/16"Øx1"LG).

CONSTRUCTION NOTES:

1. ON LONG STRAIGHT RUNS OF BURIED CABLE, PLACE MARKER POSTS IN SUFFICIENT NUMBER TO CLEARLY INDICATE THE ROUTE AND TO WARN THE PUBLIC AND OTHER WORKMEN OF ITS PRESENCE, BUT MARKER POST SPACINGS ARE NOT TO EXCEED 100 METERS. SIGNS ARE TO BE ATTACHED TO THE POST AND ORIENTED SO THAT THE ARROWS POINT ALONG THE ROUTE OF THE CABLE IN EACH DIRECTION.
2. ON TURNS, PLACE POST AT INTERSECTION OF LINES WITH TWO SIGNS ORIENTED SO THAT ARROWS POINT ALONG ROUTE OF CABLE EACH WAY.
3. THE MATERIALS FOR SIGNS D & E SHALL MEET THE STANDARD 12-SAMMS-005 ISSUE SPECIFICATION OF SAUDI ARAMCO.
4. THE MARKER POST SHALL BE PLACED ON TOP OF THE INSTALLED CABLE.
5. INSTALL MARKER POST 1.0 M FROM CENTER OF SPLICE (OPTIPED) ON BOTH SIDES.
6. AT ANY LOCATION WHERE A MARKER POST IS PLACED ALONG THE CABLE ROUTE, THE ADJACENT MARKER POST MUST BE VISIBLE EITHER DIRECTION.
7. WHEN PLACING MARKER POST ON CURVES WITH A LARGE RADIUS, THE MAXIMUM DISTANCE BETWEEN MARKER POST IS GOVERNED BY AN IMAGINARY LINE BETWEEN 2 MARKER POSTS AND THE CABLE ROUTE.

TYPICAL INSTALLATION DRAWING

REV. NO.	DATE	BY	DESCRIPTION	CHKD.	CERT.	APPD.
08	10-13-08	LPR	FIBER MARKER POST			
07	01-25-09	RLO	REVISED DESIGN NOTES 2,3,4 & 7			
06	09-22-08	MNL	REDRAWN, CHANGED, INDEX FROM P TO T & ADDED MANDATORY DWG.			

SCALE: N.T.S.

REVISION VALIDATION

THIS REVISION NO. 08 IS COVERED, FOR ALL APPROVAL AND CERTIFICATION REQUIREMENTS, PER SAEP-334, UNDER DRAWING COMPLETION CERTIFICATE NO: 768-100-0309-001

DESIGN CERTIFICATION (DESIGN AGENCY)	REVIEW FOR KEY DRAWINGS (REQUIRED)	OTHER
ENGG./DATE LPR 11/30/08	CERTIFIED BY/DATE ENM 11/30/08	CONST. AGENCY/DATE SDG 11/30/08
REVISION NO. 08	REVISION DESCRIPTION REVISED AS SHOWN	OPERATIONS/DATE HI 11/30/08

JOB ORDER NO. 06-09241

SAUDI ARABIAN OIL COMPANY			
BURIED/UNDERGROUND CABLE			CBL
ROUTE MARKER POST AND SIGNS			
STD. DWG. SAUDI ARABIA			
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO. REV. NO.
990	T	AB-036897	001 08