

NO.	DATE	BY	JO/EWO	DESCRIPTION	CHKD.	CERT.	APPD.
05	DEC 2010	ESSD MSM		REVISED AS MARK UP PRINT			
04	JUN94	ESSD RCR		REVISED NOTE 1 & DIMENSIONS.			
03	MAY'92	ESSD CAJ		DRAWING DIGITIZED INTO CADD DATABASE WITHOUT CHANGES.	ORIGINAL SIGNED		
REVISIONS							
DRAWN BY _____ DATE 06-23-75							
CHKD. BY _____							
OPRG. DEPT. ORIGINAL BY _____ DATE 06-23-75							
ENG. DEPT. BY _____ DATE _____							
APP'D. FOR CONSTR. BY _____ DATE _____							
CERTIFIED BY _____ DATE _____							
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED.							

SAUDI ARABIAN OIL COMPANY

20mm Ø HOLES FOR
16mm HOLD DOWN PIN
SEE DETAIL - I

1000
200 600
230
115
3
50 130 50
65 C
120 50 70
50 50
230
50
2-10 Ø REBARS TIES
130 LG. AT 800 C/C.
2-10 Ø HORIZ. REBARS
(900 LG.)
50 O.D. X 3 THK.
STEEL WASHER
BAR 16 Ø

PLAN

SECTION-"AA"

DETAIL - I
(HOLD-DOWN. PIN)

NOTES :

1. CONCRETE TO BE MIXED, PLACED AND CURED TO HAVE A MIN. COMPRESSIVE STRENGTH OF 28 MPa AFTER 28 DAYS PER SAUDI ARAMCO ENGINEERING STANDARD SAES-Q-001, OR AT TIME OF SHIPMENT.

2. CONCRETE BLOCK MUST HAVE A SMOOTH TROWELED SURFACE FINISH AND BE FREE OF CRACKS, HONEYCOMB AND/OR VOIDS.

3. ALL DIMENSIONS ARE IN MILLIMETERS.

TYPICAL INSTALLATION DRAWING

PLANT NO.	INDEX	DRAWING NO.	SHT. NO.	REV. NO.
990	Q	AE-036254	001	05
JO/EWO-				

DRAWING TITLE

PARKING BUMPERS
PRECAST CONCRETE BLOCK

STD. DWG.

METRIC

Saudi Aramco 2616 ENG. (3/91)
CADD-02

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