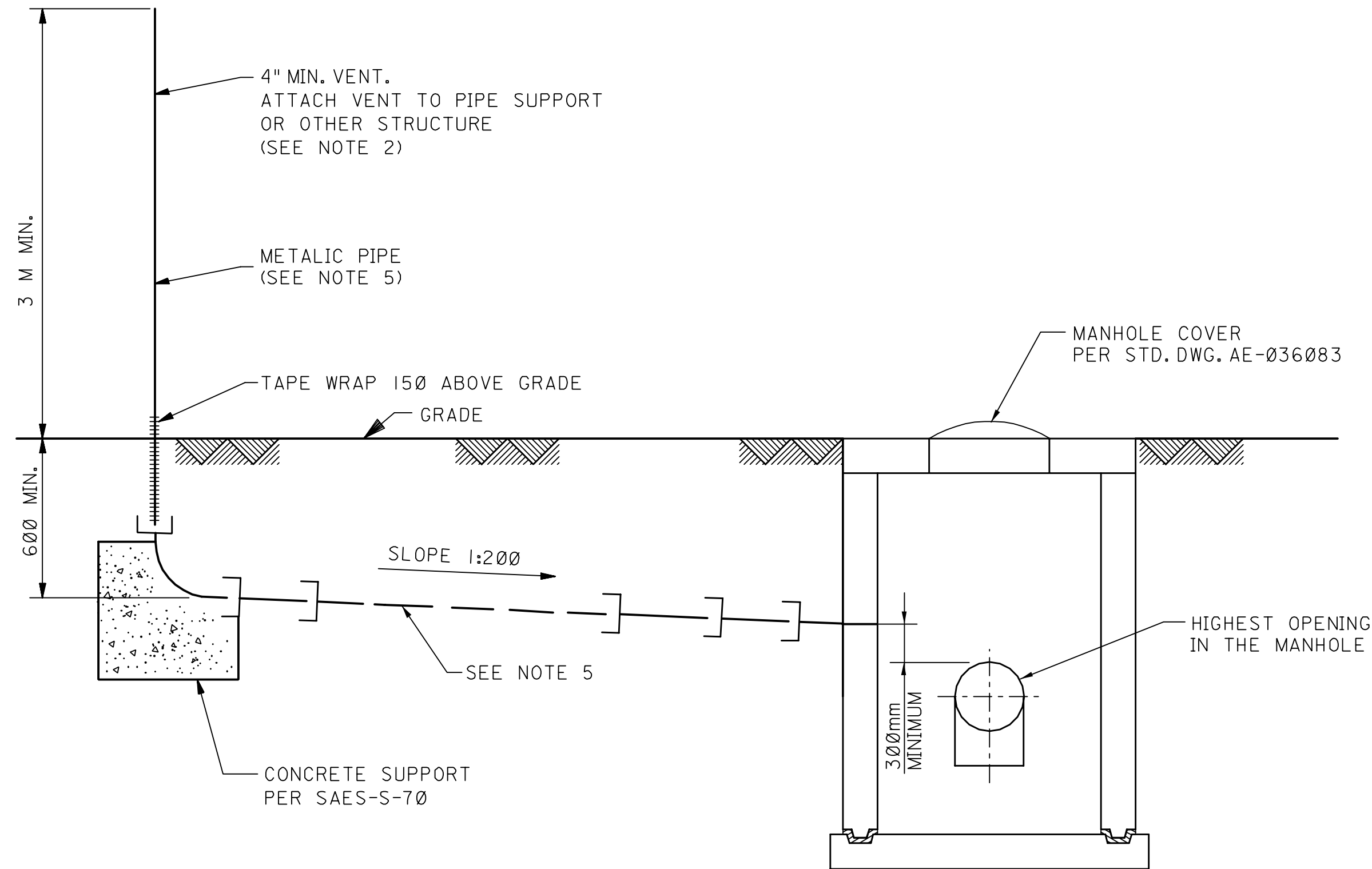
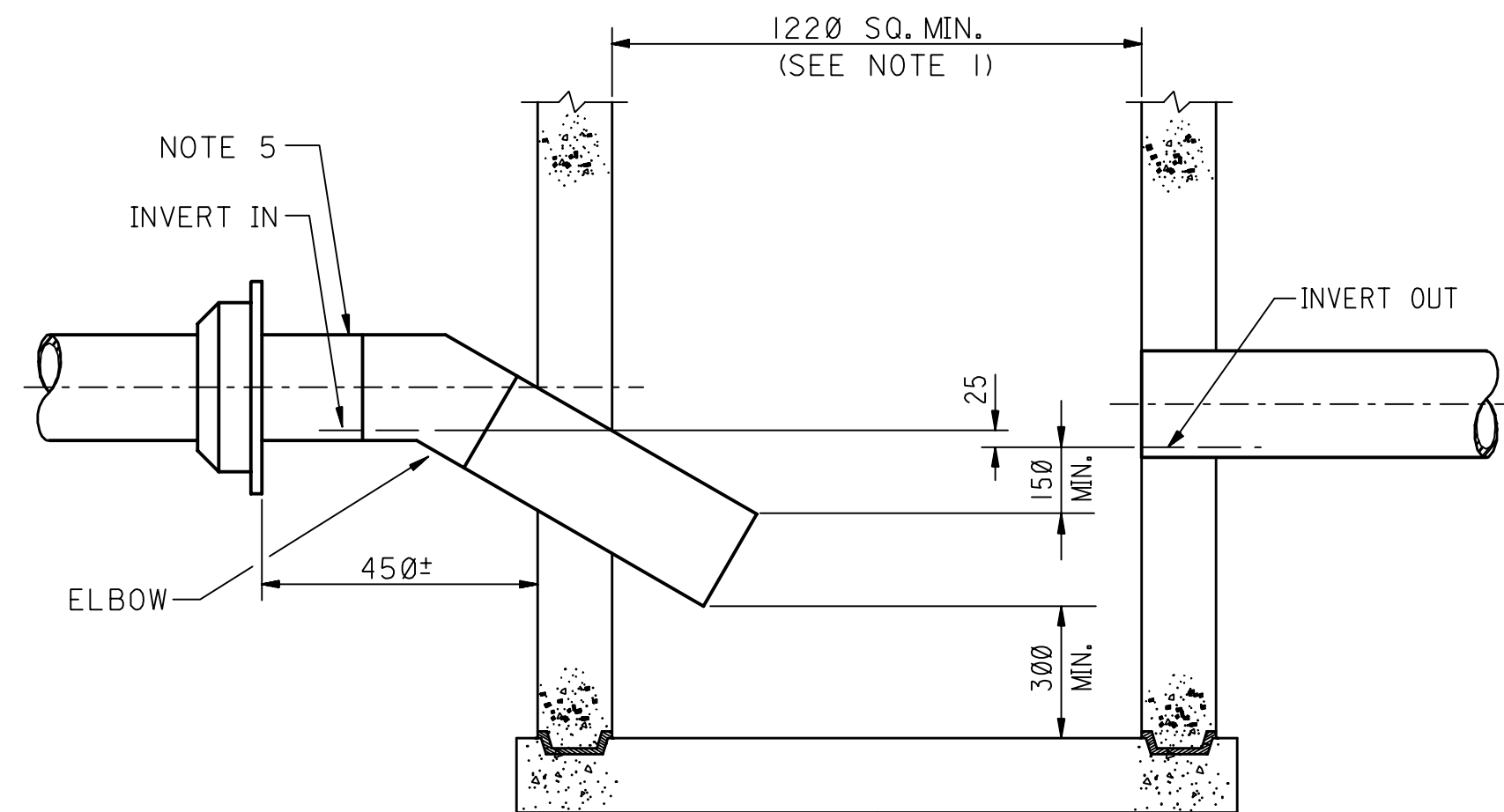


990	S	AB-036054	001	10
PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.



TYPICAL VENT INSTALLATION



TYPICAL ELBOW-TYPE SEAL DETAIL

NOTES:

1. MANHOLES TO BE SIZED TO ACCOMMODATE LADDER.
2. VENT PIPE SHALL NOT BE SUPPORTED BY ITS GUARD RAIL PROTECTION.
3. MANHOLE OPENINGS SHOULD BE OFFSET OVER LADDER FOR EASY ACCESS.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
5. MATERIALS LISTED IN SAES-S-020 SECTION 5.1.

DWG. RESPONSIBILITY: PLUMBING & UTILITIES STANDARDS COMMITTEE	RAMCO
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SCALE: NONE

REVISION CERTIFICATION		ESD VERIFICATION	
THIS INDICATES THAT REV. NO. <u>10</u>			
OF THIS DRAWING IS COVERED, FOR ALL			
APPROVAL/CERTIFICATION REQUIREMENTS,		CONTROL NUMBER	
BY DRAWING COMPLETION CERTIFICATE (CCC)		BY: _____	
NO.: <u>714120-1103-01</u>		DATE: _____	

									HEREIN ARE THE SOLE P
10	NOV03	CSD MNL	CHANGED TYP. SEAL DETAIL TO TYPICAL TEE-TYPE SEAL DETAIL.	KSL ASG	HJZ				
09	OCT95	ESSD RLO	CONVERTED TO NEW STD BORDER. REVISED AND ADDED NOTE-5.	ORIG SIGND	ORIG SIGND				
08	JAN86	MNL	COMPLETELY REDRAWN. CONSOLIDATED SHT. I & 2.	ORIG SIGND	ORIG SIGND				
REV. NO.	DATE	JO/EWO	DESCRIPTION	ENGG.	CERT.	PMT	OPRNS.		
THIS REVISION IS NOT TO BE USED FOR CONSTRUCTION UNTIL CERTIFIED AND DATED.				DESIGN CERTIFICATION		REVIEW FOR KEY DRAWINGS			

DESIGN CERTIFICATION		CONTAINED
DRAWN BY _____	CHECKED BY _____	
DATE STARTED _____	DATE COMPLETED _____	
DISCIPLINE ENGINEER _____		
PROJECT ENGINEER _____		

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION UNTIL CERTIFIED AND DATED.	CERTIFIED BY: _____ (NAME) SIGNATURE _____ DATE _____
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SAUDI ARABIAN OIL COMPANY	
REVIEW FOR KEY DRAWINGS	REQUIRED ☐ NOT REQUIRED ☐
CONSTRUCTION AGENCY _____	
OPERATIONS _____	
OTHER _____	

OILY WATER SEWER MANHOLES	DRAWING TYPE STD
MISCELLANEOUS DETAILS	

STD. DWG.	METRIC	SIS C
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PLANT NO.	INDEX	DRAWING NUMBER	SHT. NO.	REV. NO.
990	S	AB-036054	001	10