



SECTION A-A

- (1) MANHOLE TYPE MONITORING STATION AND FLUME TO BE USED WITH DEEP LATERALS OR IN TRAFFIC LOADED AREAS.
- (2) FLUME SHALL BE PALMER BOWLUS INVERT TYPE OR PERMANENT TYPE WITH TRANSDUCER MOUNTING BRACKET. FLUME SHALL BE MANNING PBF, OR EQUAL. SIZE TO BE DETERMINED BY VOLUME OF FLOW TO BE MEASURED. SET FLUME LEVEL AT DOWNSTREAM END OF PIPE AND GROUT IN PLACE WITH TRANSDUCER BRACKET ATTACHED. USE END BULKHEADS TO MATCH THE SMALLER FLUME WHEN THE PIPE SIZE IS LARGER THAN THE FLUME.
- (3) A DETAILED SUBMITTAL INDICATING EXACT EQUIPMENT TO BE FURNISHED MUST BE PROVIDED FOR CITY REVIEW AND APPROVAL.
- (4) MINIMUM VERTICAL CLEARANCE MUST BE VERIFIED PRIOR TO INSTALLATION OF FLUME AND MONITOR EQUIPMENT.
- (5) INSTALLATION SHALL BE FREE OF BACKWATER CONDITIONS.

ENGINEERING DEPARTMENT		CITY OF MERCED, CALIF	
INDUSTRIAL WASTE MONITORING STATION — MANHOLE TYPE			
DRAWN:	APPROVED BY:	DATE	S-17
ENG.	<i>[Signature]</i>	6-19-89	
REVISED 7-7-89	CITY ENGINEER		SHEET OF