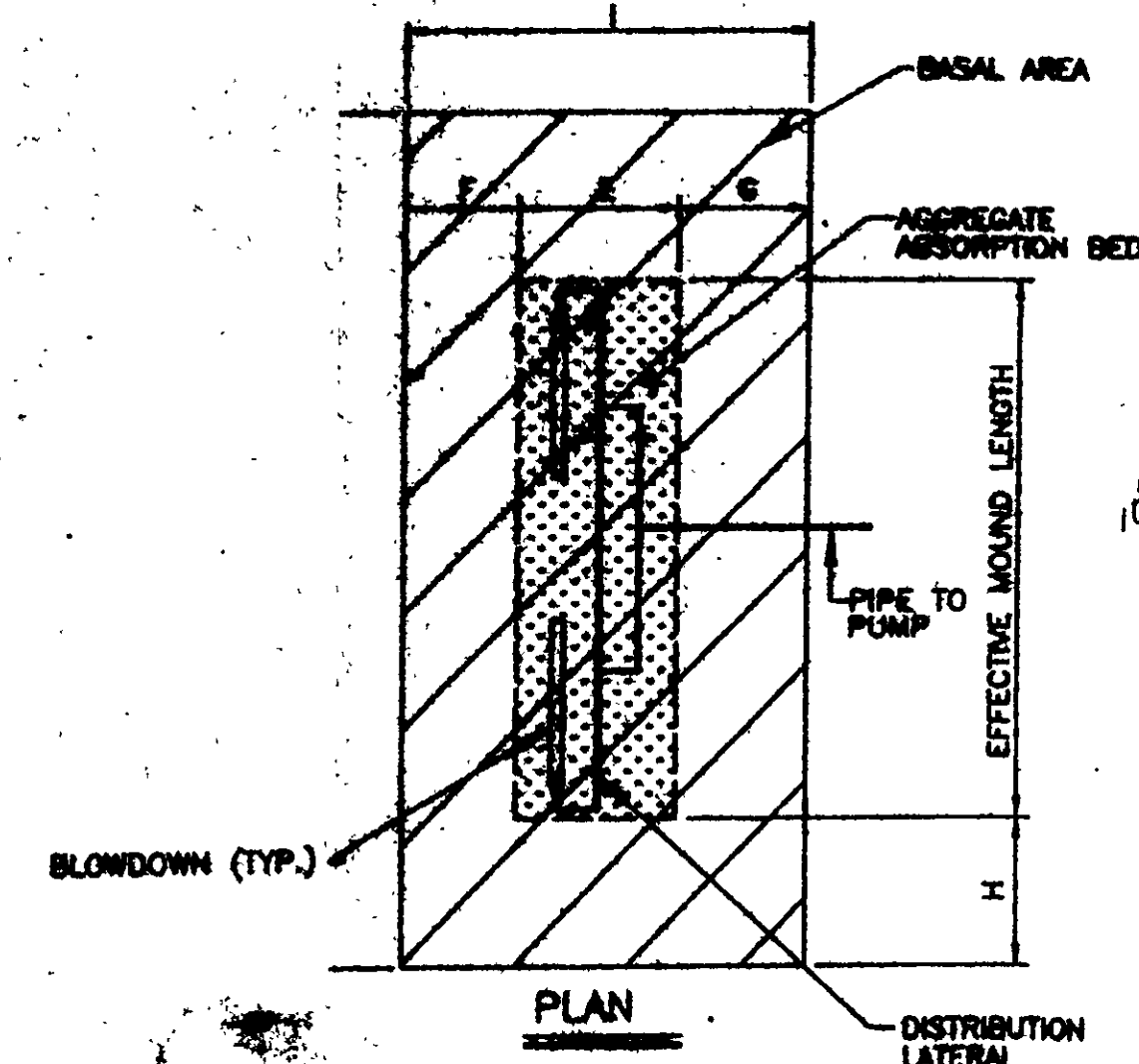
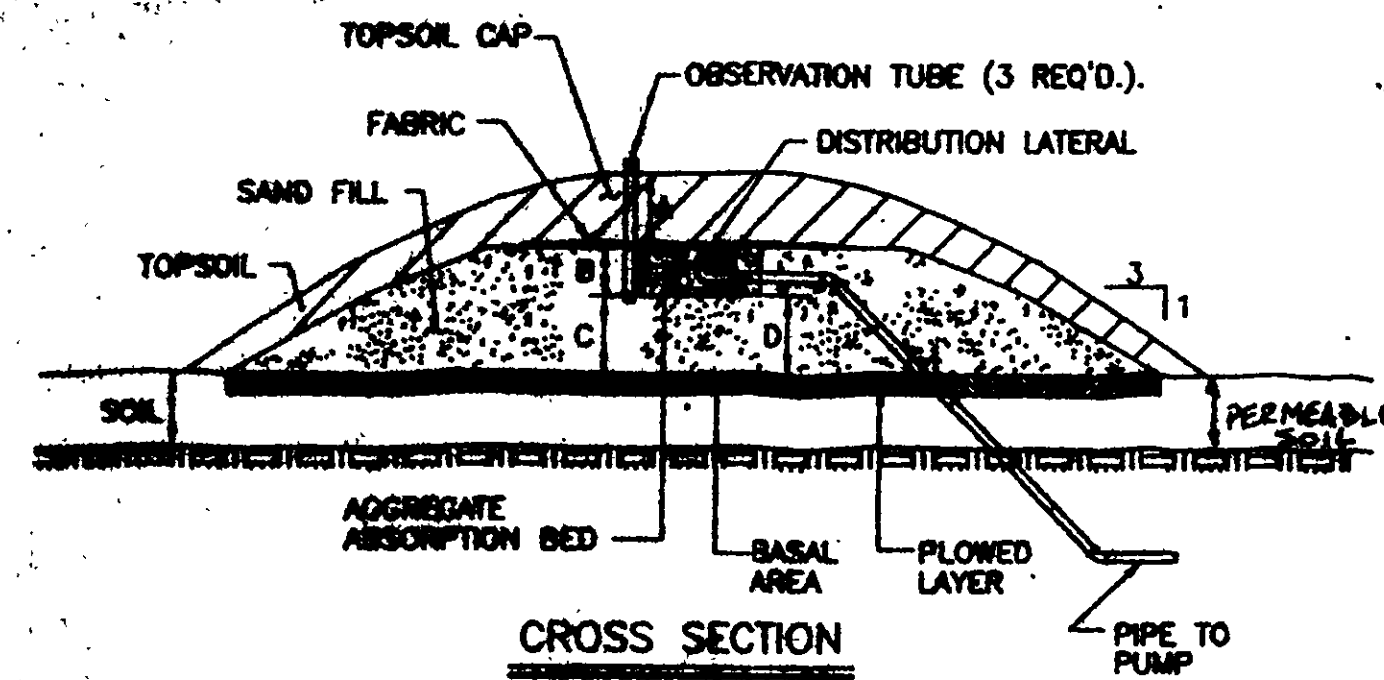


MINIMUM REQUIREMENTS

	1	2	3
MINIMUM SAND FILL	360	480	600
MINIMUM SAND FILL (2)	1.8	1.8	1.30
MINIMUM SAND FILL (3)	360	470	480
MINIMUM SAND FILL (4)	150	120	180
MINIMUM SAND FILL (5)	170	180	210
MINIMUM SAND FILL (6)	2.4	2.3	2.4
MINIMUM SAND FILL (7)	0.7	0.7	0.7
MINIMUM SAND FILL (8)	0.3	0.3	0.3
MINIMUM SAND FILL (9)	0.25	0.25	0.25

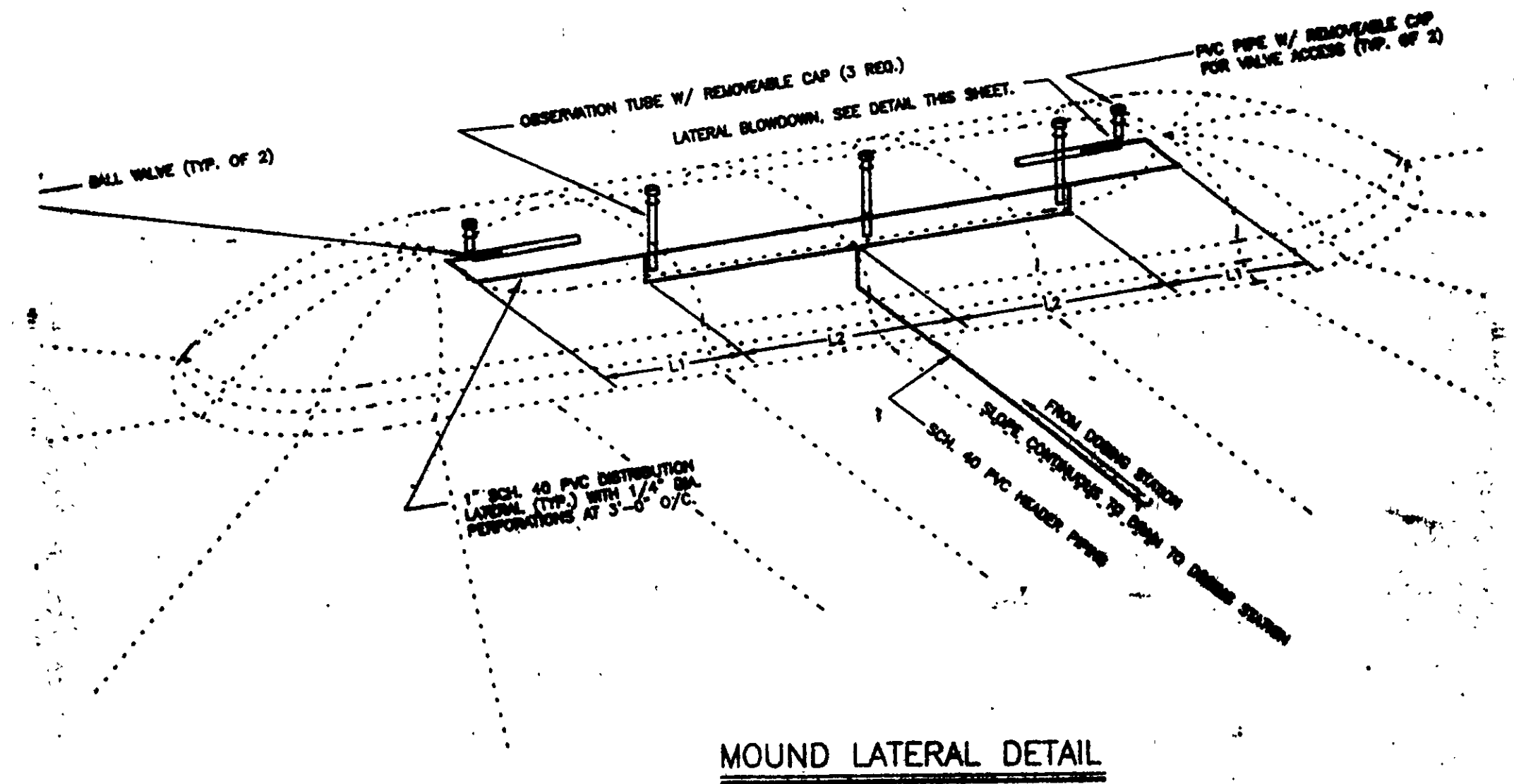


MINIMUM DIMENSIONS

A	5"
B	2'-0" (NOTE 1)
C	2'-0" (NOTE 1)
D	3'-8"
E	10'-3" (NOTE 1 & 2)
F	10'-3" (NOTE 1 & 2)
G	10'-3" (NOTE 1)
H	2'-0" (NOTE 1)

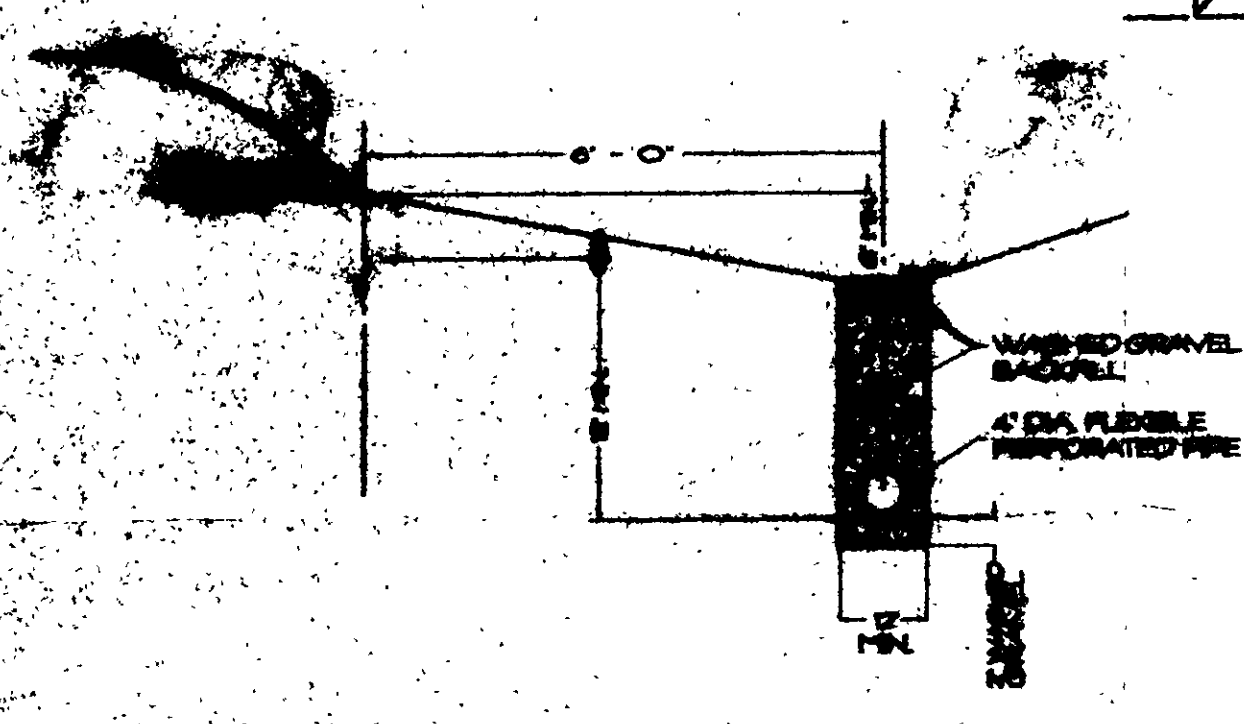
LAKE COUNTY GENERAL HEALTH DISTRICT
LAKE COUNTY MOUND SYSTEM
DESIGN INFORMATION SHEET

DATE	REVISION	BY
AUGUST, 1988	FIGURE 9	MS, SSS
MARCH, 1989		

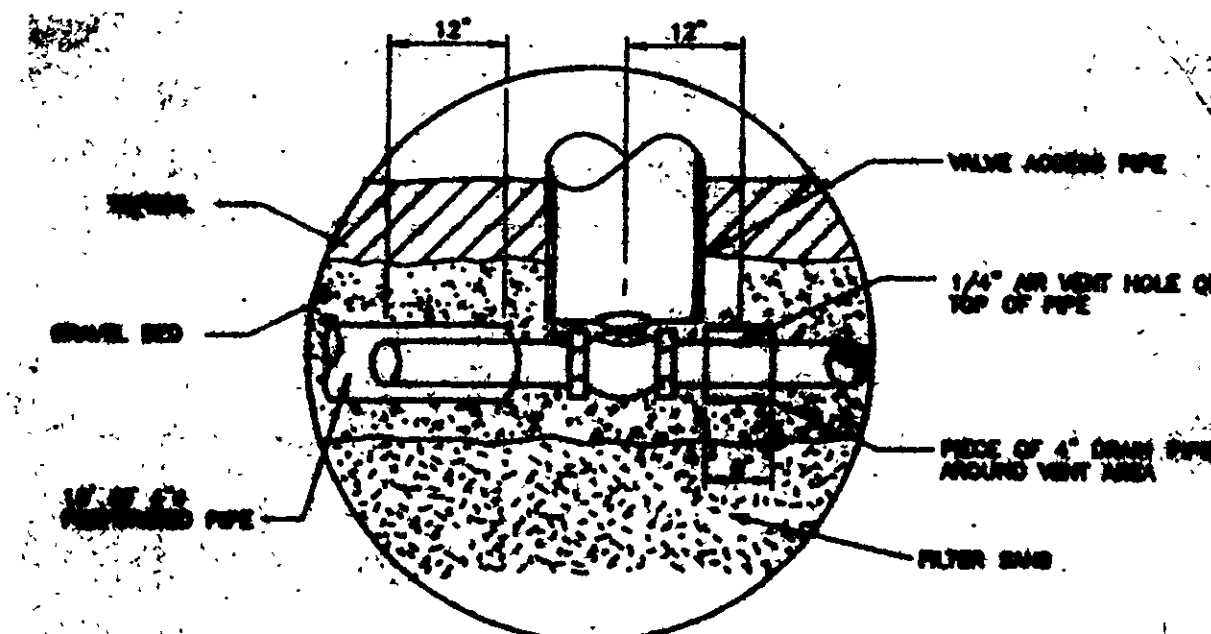


MOUND LATERAL DETAIL

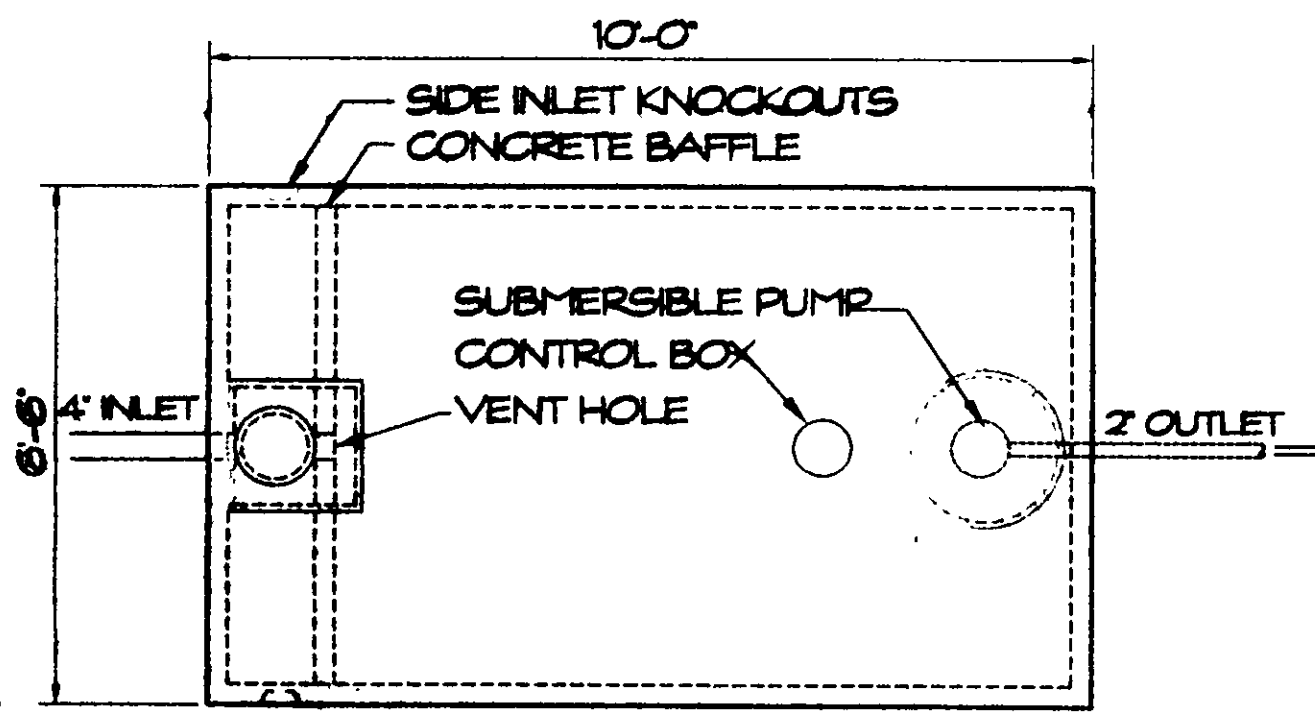
NOTES: 1. ALL FITTINGS & JOINTS, SOLVENT WELD OR SOLDERED.
2. SYSTEM DESIGNED TO VERIFY DIMENSIONS AND SIZES OF ALL COMPONENTS.



CURTAIN DRAIN DETAIL

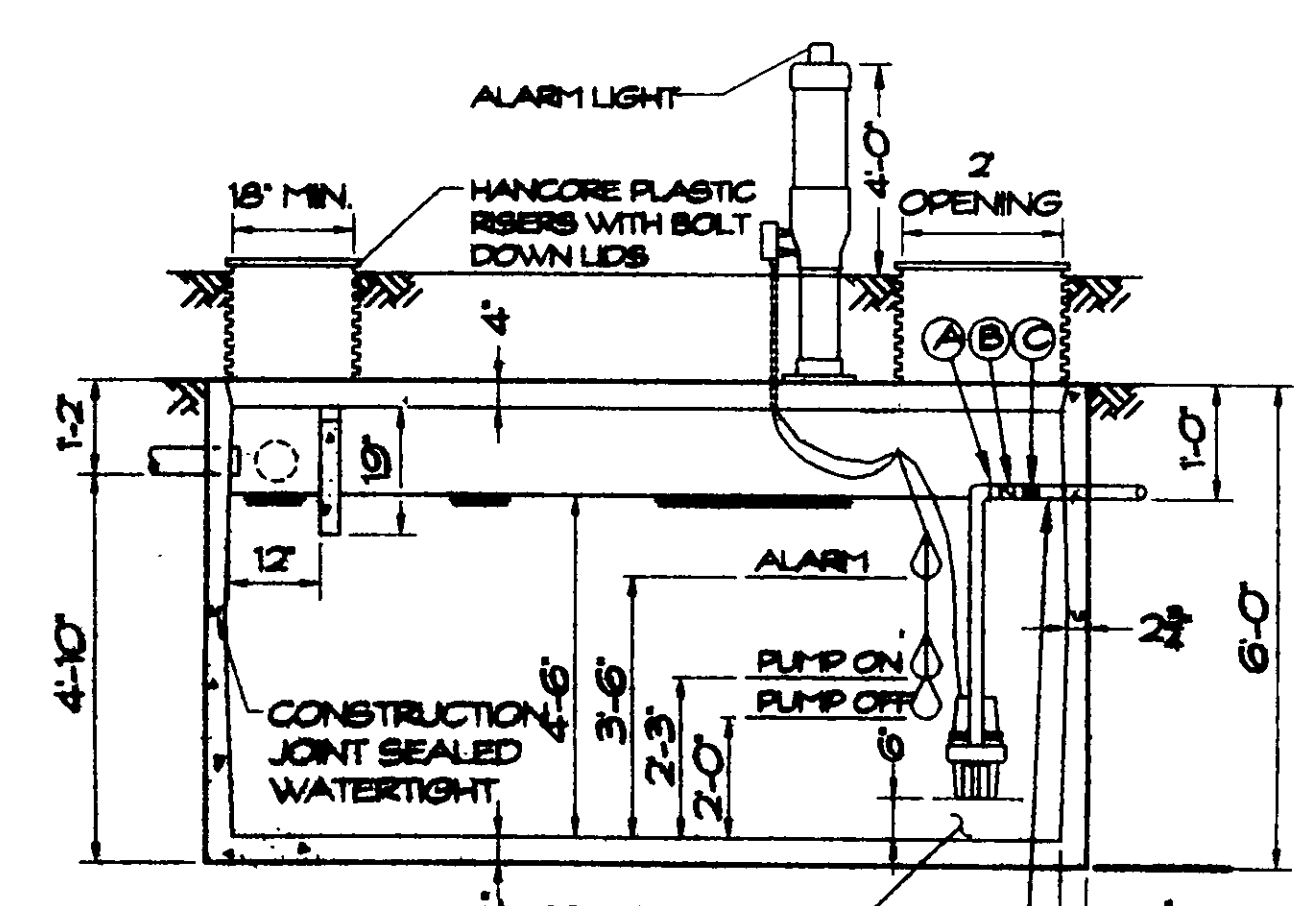


LATERAL BLOWDOWN DETAIL



TOP VIEW

NEMA 4R FIBERGLASS CONTROL BOX WITH ALARM LIGHT. INCLUDE ADJUSTABLE THER TO CONTROL PUMP ON/OFF. PUMP TO RUN 12 MIN. FOR A TOTAL OF 91 GAL. EACH DOSE. PUMP TO CYCLE EVERY 3.0 HOURS. PROVIDE HOUR CLOCK FOR PUMP RUN TIME.



SECTION VIEW

1500 GALLON DOSING CHAMBER
No Scale

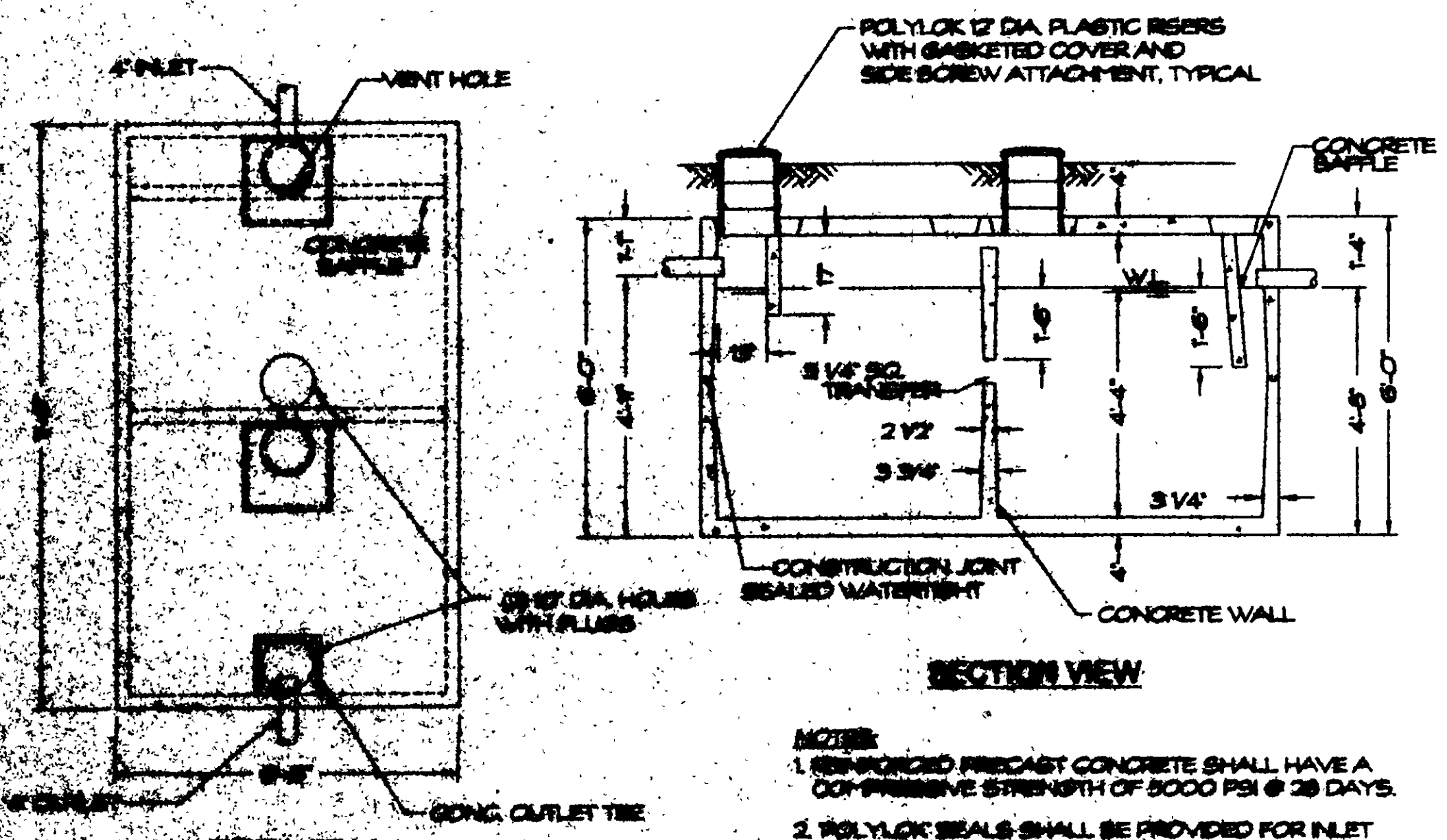
- (A) PROVIDE THREADED UNION TO ALLOW FOR PUMP REMOVAL WITHOUT ENTERING TANK.
- (B) 2" CHECK VALVE
- (C) 2" GATE VALVE

PUMP:
1 SUBMERSIBLE PUMP
CAPABLE OF PUMPING
75 GPM @ 54 FT. TDH.

HIGH WATER ALARM
ON 5'-6" ABOVE FLOOR

SURGE CAPACITY = 583 GAL
RESERVE CAPACITY = 414 GAL

PUMP ON 2'-3" ABOVE FLOOR
PUMP OFF 2'-0" ABOVE FLOOR



SECTION VIEW

TOP VIEW

- NOTES:
1. REINFORCED PRECAST CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF 5000 PSI @ 28 DAYS.
 2. POLYLOK SEALS SHALL BE PROVIDED FOR INLET AND OUTLET CONNECTIONS. SEALS CAN BE USED FOR 3\"/>
 - 3. PROVIDE EFFLUENT FILTER IN SECOND TANK.

2000 GALLON SEPTIC TANK

MACK INDUSTRIES, INC.
2000 GALLON SEPTIC TANK

TOPOGRAPHIC SURVEY & SITE IMPROVEMENT PLAN

TOMLINSON
FAMILY RESIDENCE
 TRACK ROAD, LEROY TOWNSHIP
 LAKE COUNTY, OHIO

LEHMAN, HENGE & ASSOCIATES
 Engineers - Surveyors - Planners
 1000 N. High Street, Suite 100
 Columbus, Ohio 43201
 Phone: (614) 291-1111

DATE	NO.	DESCRIPTION	BY
08/08/88	1	ISSUED FOR CONSTRUCTION	MS
08/08/88	2	ISSUED FOR CONSTRUCTION	MS

SP-2

MACK INDUSTRIES, INC.
2000 GALLON SEPTIC TANK