

SOIL DATA
 SOIL TEST PITS/QUAKE EXCAVATED, DEC. 10, 1991

TP-1, 0'-6", TOPSOIL
 6"-64", SANDY SILT(VARIED)/FINE SAND LAYERS) BROWN, MOIST
 NO LEDGE TO DEPTH--APPARENT WATER TABLE(NTLUNG) AT 12'+/-

TP-2, 0'-6", TOPSOIL
 6"-66", SILTY SAND, BROWN, MOIST
 66"-90", SAND, BROWN, MOIST
 90"-102", SILT, GREY MOIST
 NO LEDGE TO DEPTH--APPARENT WATER TABLE(NTLUNG) AT 12'+/-

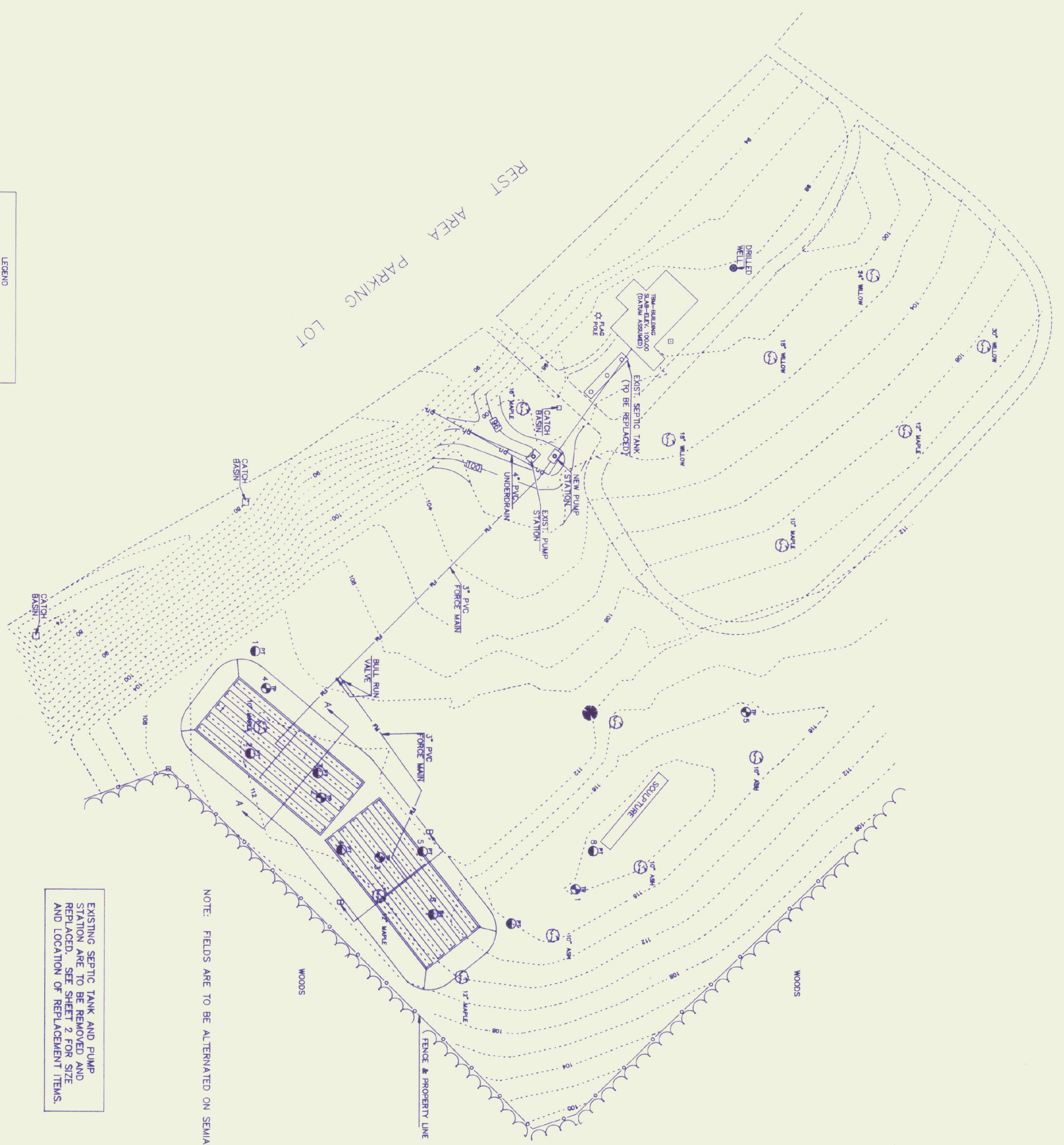
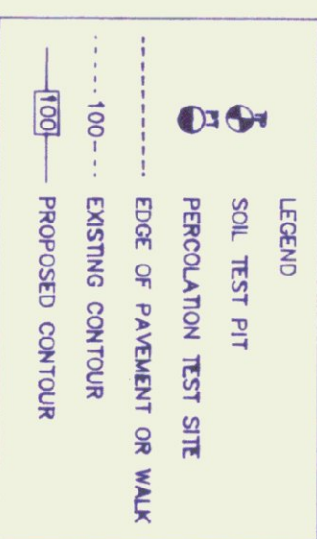
TP-3, 0'-6", TOPSOIL
 6"-96", SANDY SILT, BROWN, MOIST
 NO LEDGE TO DEPTH--APPARENT WATER TABLE(NTLUNG) AT 12'+/-
 WATER SEEPAGE AT 60'+/-

TP-4, SOIL AS IN TEST PIT NO. 1
 NO LEDGE TO DEPTH(96")-- APPARENT WATER TABLE(NTLUNG) AT 12'+/-
 WATER SEEPAGE AT 60'+/-

TP-5, SOIL AS IN TEST PIT NO. 1
 NO LEDGE TO DEPTH(60")--APPARENT WATER TABLE(NTLUNG) AT 12'+/-

PERCOLATION TESTS(JAN. 3, 1991)

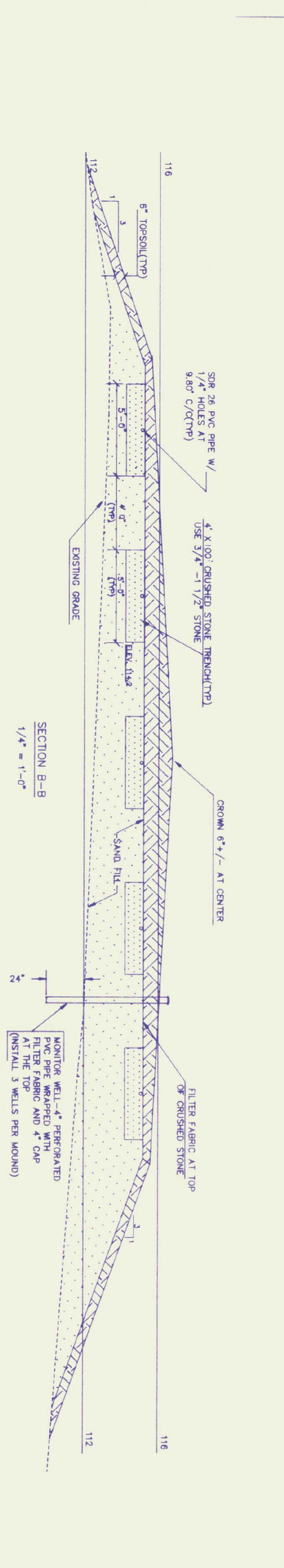
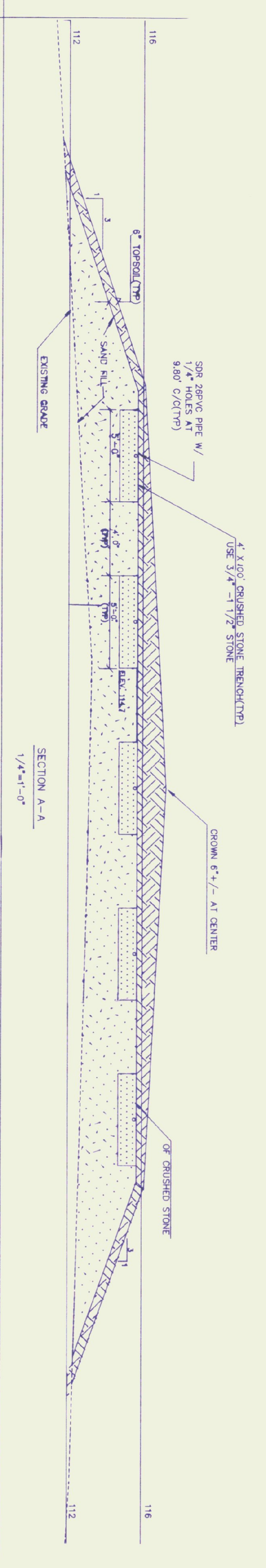
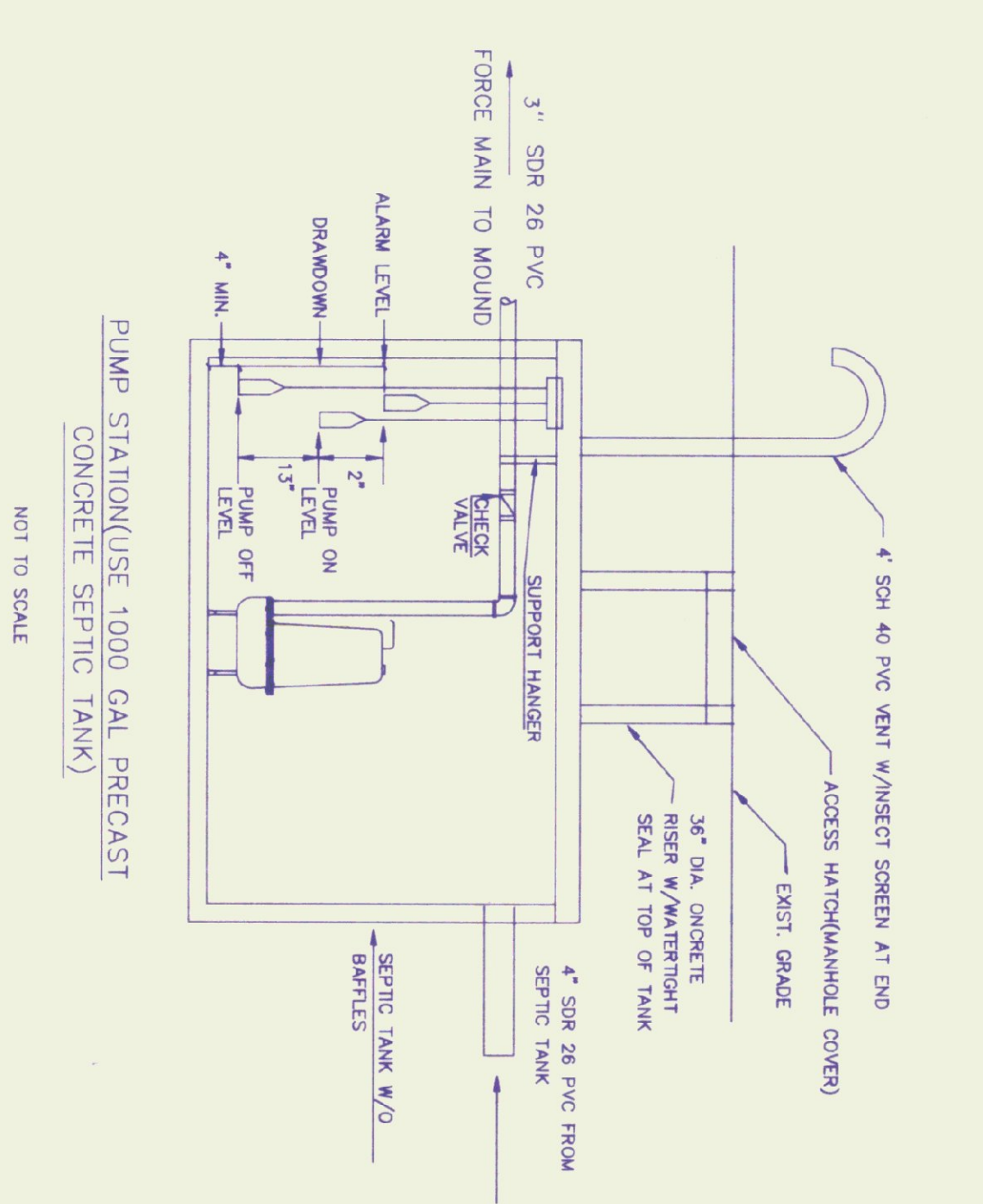
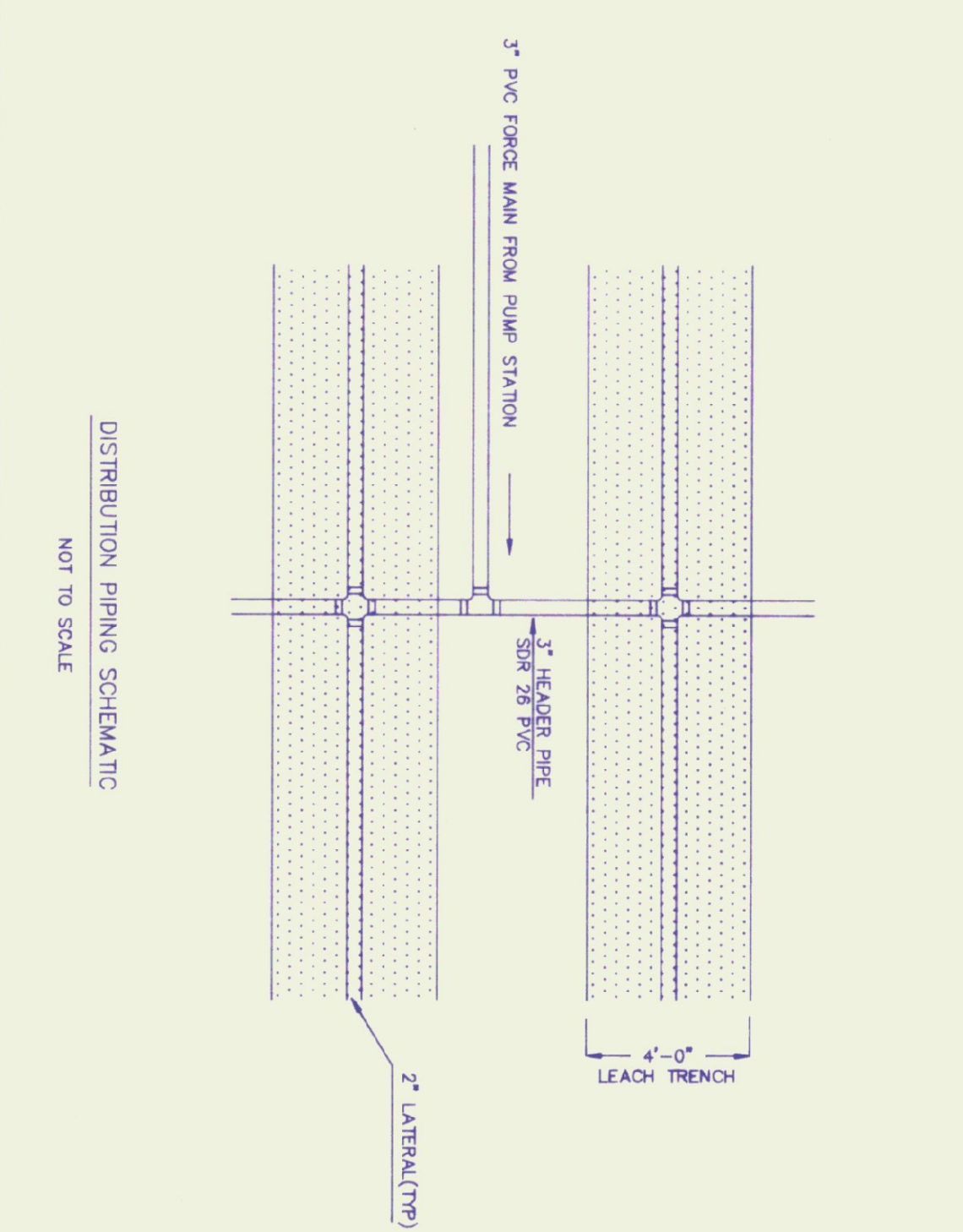
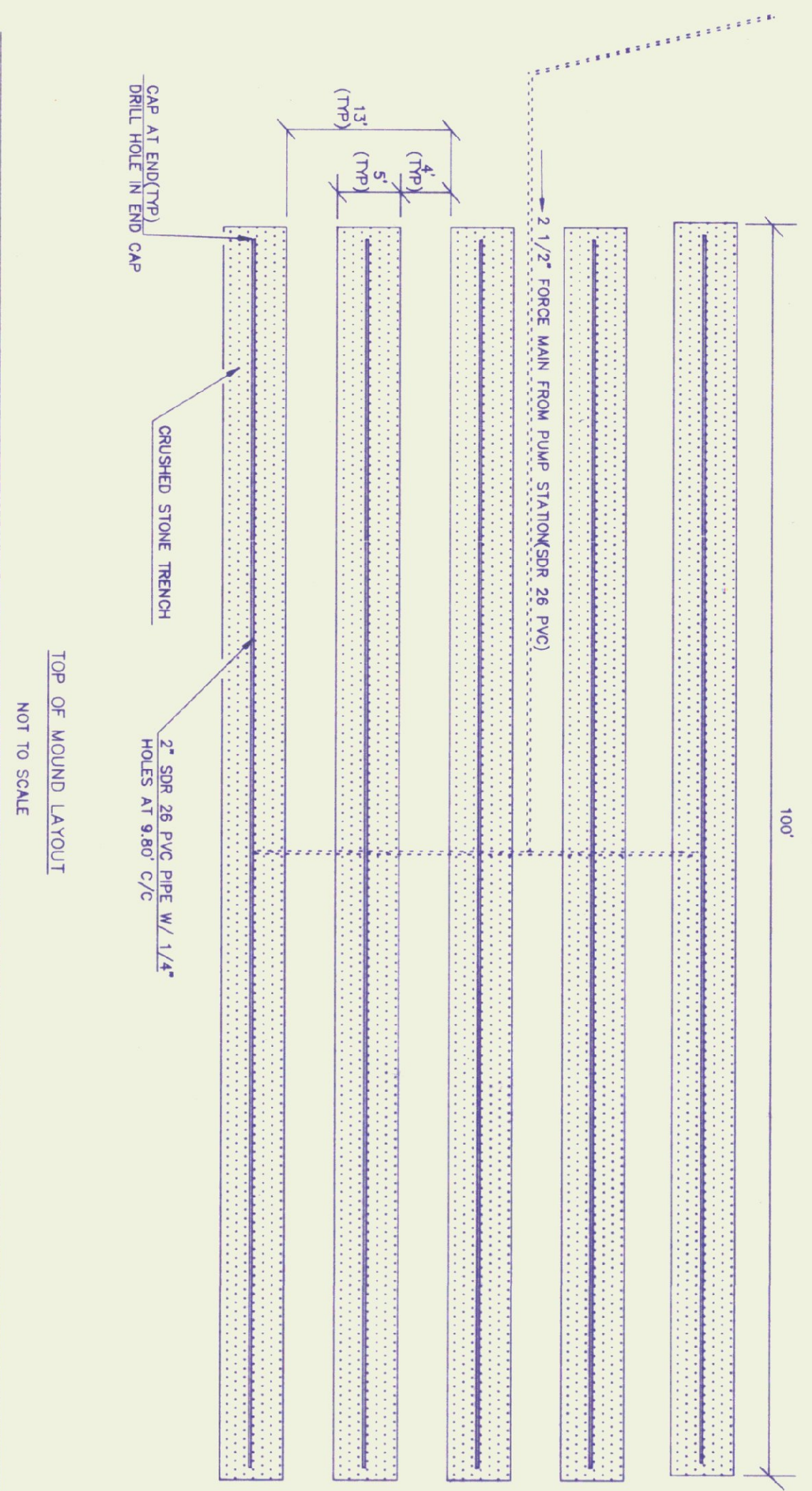
TEST NO.	DEPTH RATE(MIN./INCH)
1	32" 18
2	32" 5
3	30" 13
4	36" 13
5	33" 20
6	31" 5
7	30" 7
8	32" 13



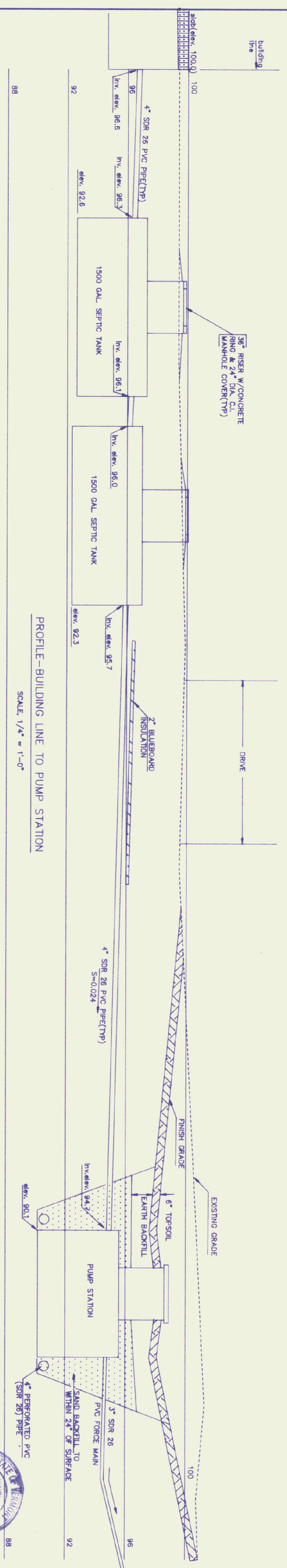
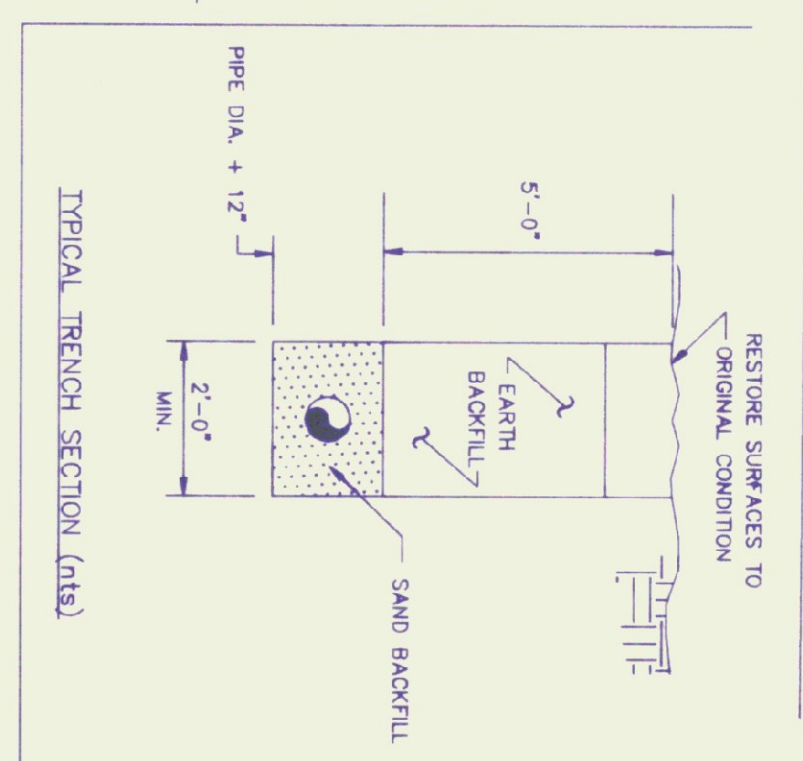
NOTE: FIELDS ARE TO BE ALTERNATED ON SEMIANNUAL BASIS

EXISTING SEPTIC TANK AND PUMP STATION ARE TO BE REMOVED AND REPLACED. SEE SHEET 2 FOR SIZE AND LOCATION OF REPLACEMENT ITEMS.





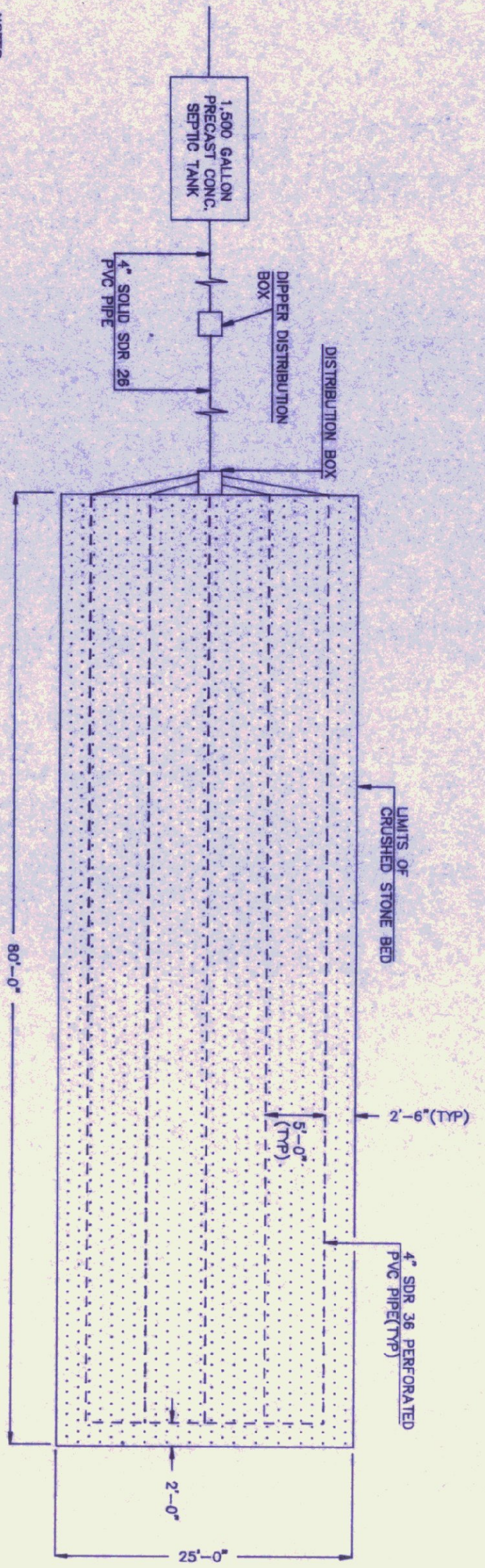
MOUND SAND MATERIAL SPECIFICATION		
GRADE	SIZE	% PASSING
10	10	85
40	30-50	50-50
200	5-10	5-10



ELEVATION OF BASE OF TANKS WILL BE PERMITTED TO VARY FROM THE ELEVATION OF THE TANK TOPS AS LONG AS THE PIPE INVERTS ARE TO REMAIN UNCHANGED. FOLLOWING FIELD VERIFICATION OF PIPE INVERTS AS IT LEAVES THE BUILDING. MINIMUM PIPE SLOPE SHALL BE 1/4\"/>

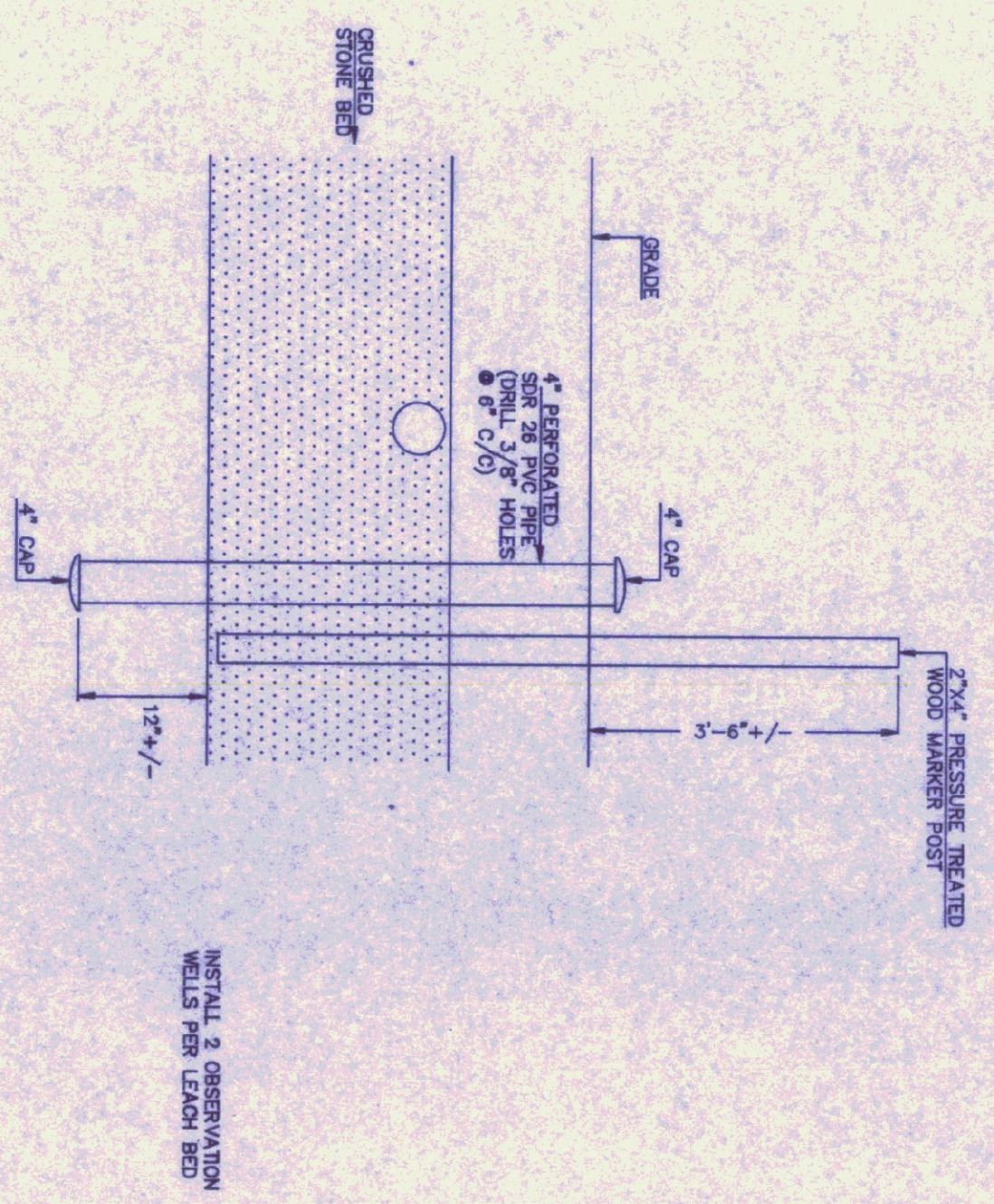
- PUMP STATION NOTES**
1. PUMPS(DUPLEX SYSTEM) TO BE MYERS WRRH10(1 HP) OR EQUAL SUBMERSIBLE.
 2. LIQUID LEVELS TO BE CONTROLLED BY MERCURY LEVEL CONTROLS.
 3. A VISUAL(LIGHT) ALARM IS TO BE INSTALLED IN THE ELECTRICAL ROOM OF THE BUILDING AND AT THE PUMP STATION.
 4. A MANUAL "PUMP ON" SWITCH SHALL BE PROVIDED IN THE BUILDING.
 5. THE PUMP STATION SHALL BE TESTED FOR LEAKAGE AND INFILTRATION, EACH OVER A 24 HOUR PERIOD. NO LEAKAGE OR INFILTRATION SHALL BE PERMITTED.
 6. ALL ELECTRICAL AND MECHANICAL CONNECTIONS ARE TO BE ACCOMPLISHED BY LICENSED TRADESMEN.

NOTE: THIS SYSTEM IS DESIGNED FOR A FLOW OF 2,000 GALLONS PER DAY IN SOIL WITH A PERCOLATION RATE OF LESS THAN 60 MINUTES PER INCH

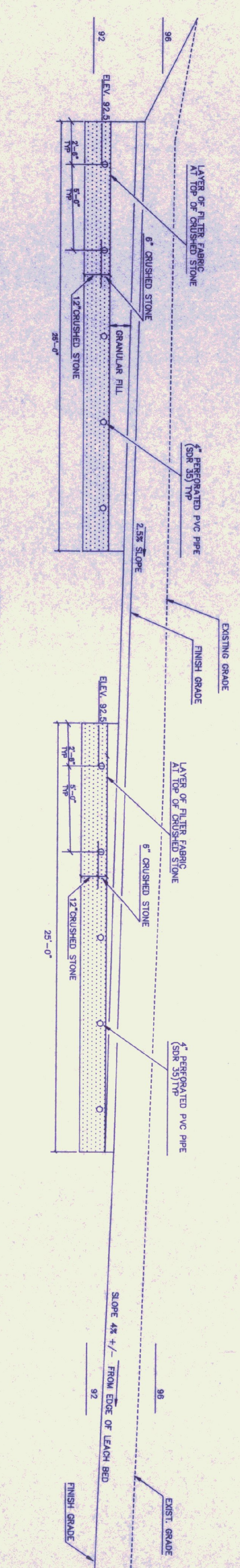


- NOTES
1. "PERFOR" DISTRIBUTION BOX TO BE BY UNITED CONCRETE PRODUCTS OR APPROVED EQUAL.
 2. PIPES IN LEACH BED TO SLOPE 1 INCH IN THE LENGTH OF THE LEACH LINE(7/8 FT.).
 3. USE 3/4" TO 1 1/2" CRUSHED STONE IN THE LEACH BED.

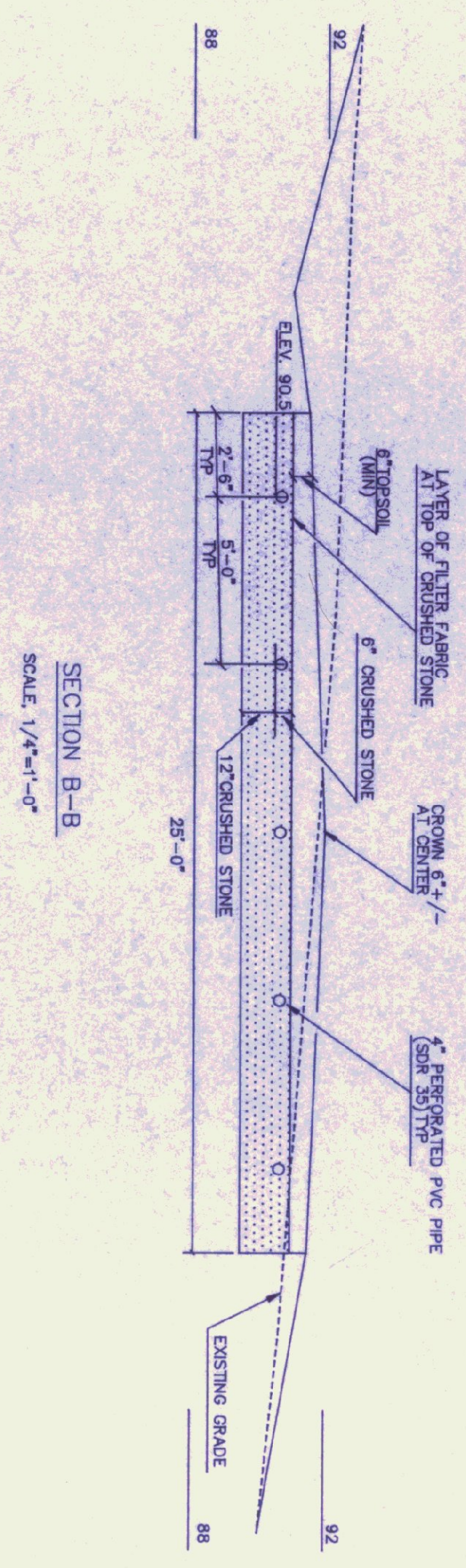
PLAN(SCHEMATIC)-LEACH BED
NOT TO SCALE



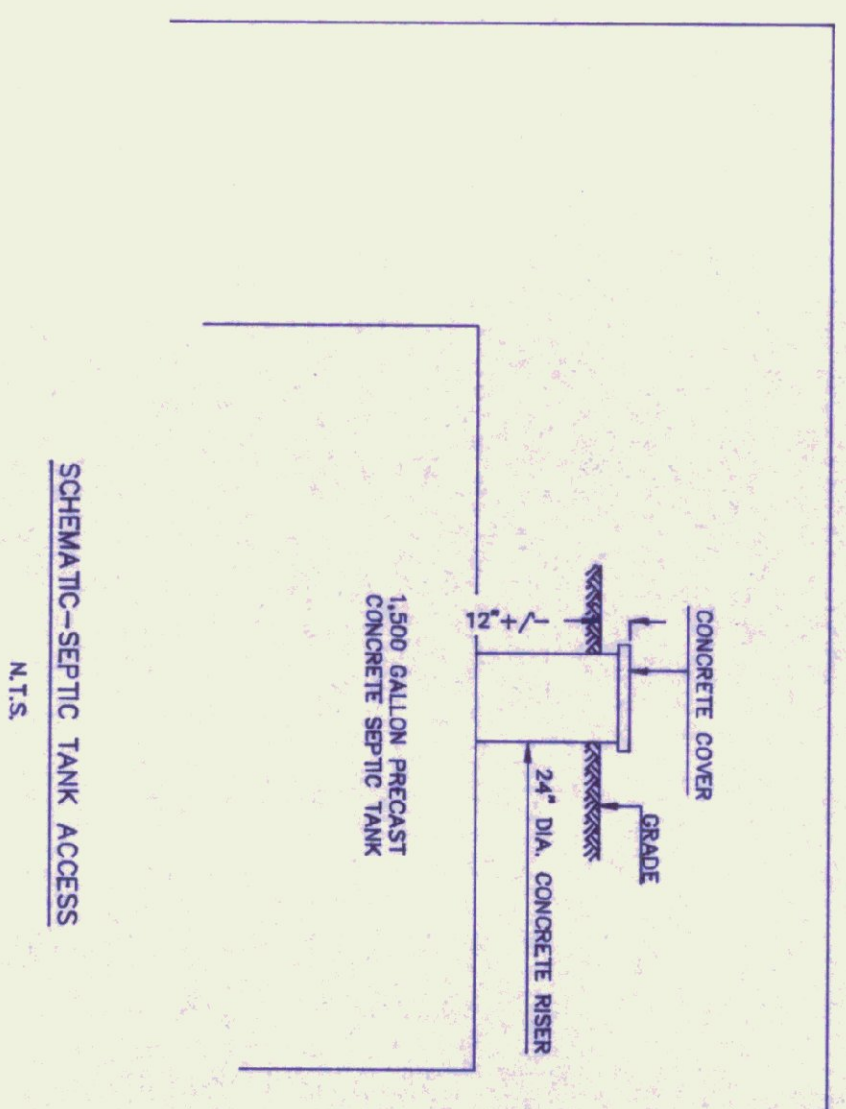
SECTION-OBSERVATION WELL
NOT TO SCALE



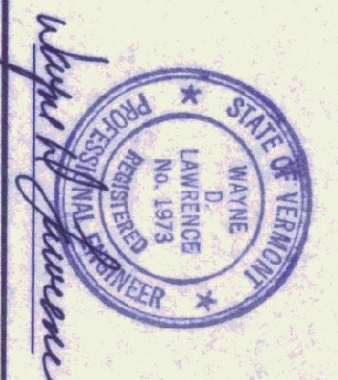
SECTION A-A
SCALE: 1/4"=1'-0"



SECTION B-B
SCALE: 1/4"=1'-0"



SCHEMATIC-SEPTIC TANK ACCESS
N.T.S.



PROJECT NO. 30097	SHEET 2 OF 2	FILED IN 2-89
STATE OF VERMONT		
SHARON I-89 REST AREA(S)		
SHARON, VERMONT		
SEPTIC SYSTEM DESIGN		
DESIGNER: WDL	SCALE: AS NOTED APPROVED: WDL	
DRAWN: WDL	SUPVX: PSM/AVD	DATE: 11/20/90