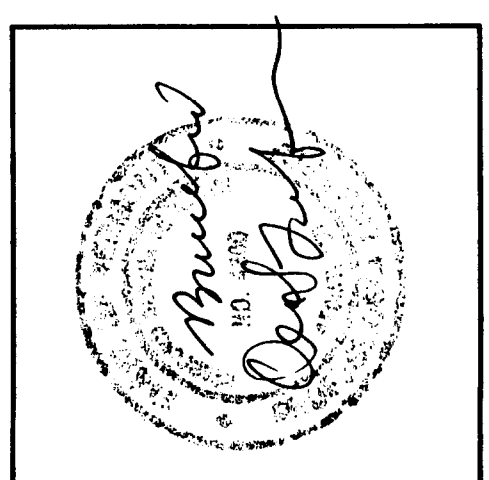


REVISIONS		
REV. 1	4/9/03	MMP
REV. 2	5/14/03	MMP
REV. 3	8/6/03	MMP
REV. 4	8/12/03	MMP
REV. 5	1/6/06	BDL
REV. 6	5/3/06	BDL

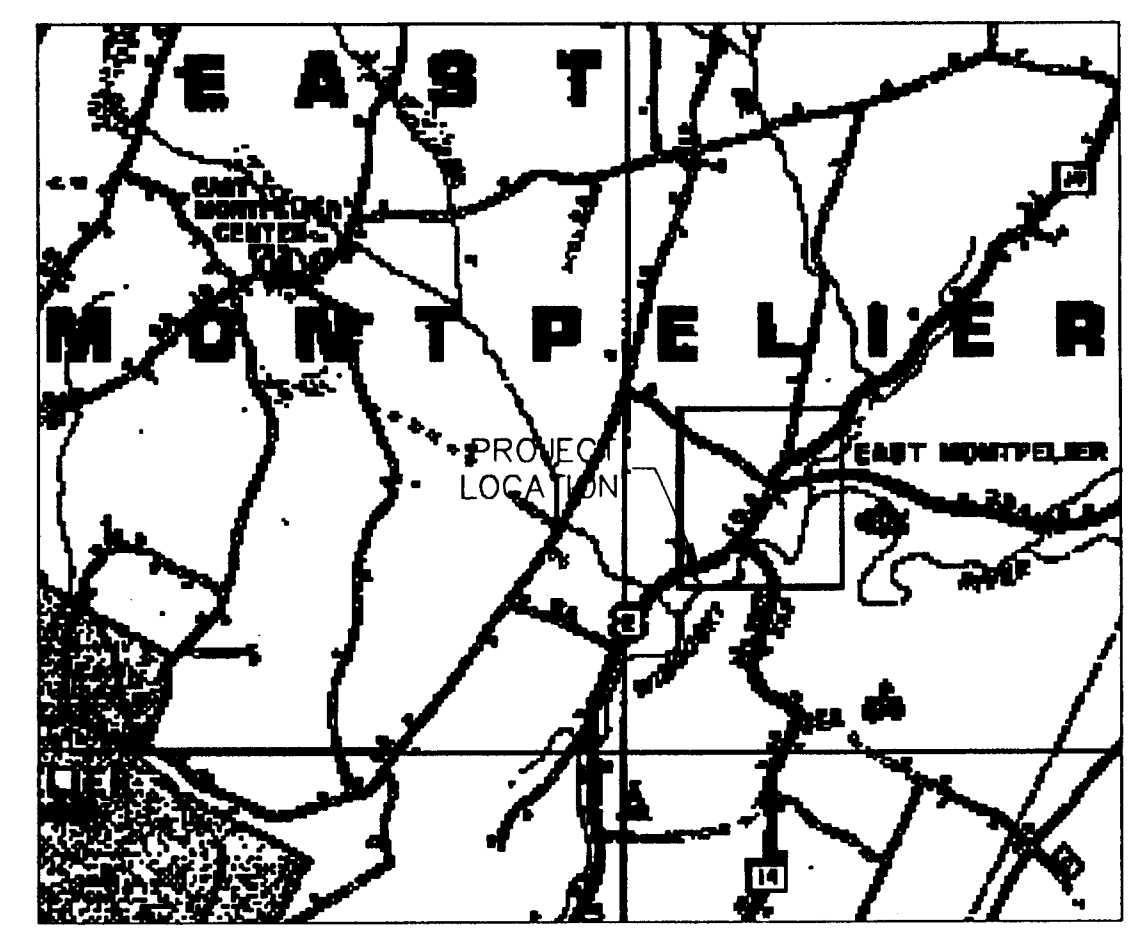
**Lefavour P.C.**  
 Engineering and Environmental Services  
 42 Dolan Road  
 Middlesex, Vermont 05602  
 tel: (802) 224-9060



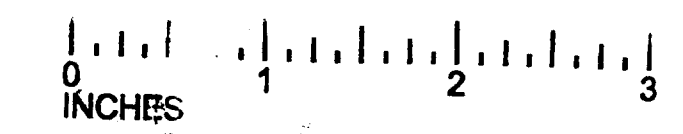
CASSANI  
 RT 2  
 EAST MONTEPELIER, VT  
 6 LOT SUBDIVISION  
 WASTEWATER DISPOSAL SYSTEM  
 PLANS AND DETAILS

PROJECT NO. 176  
 DESIGNED BY: MMP  
 CHECKED BY: BDL  
 DATE: 1/2003  
 SCALE: AS NOTED

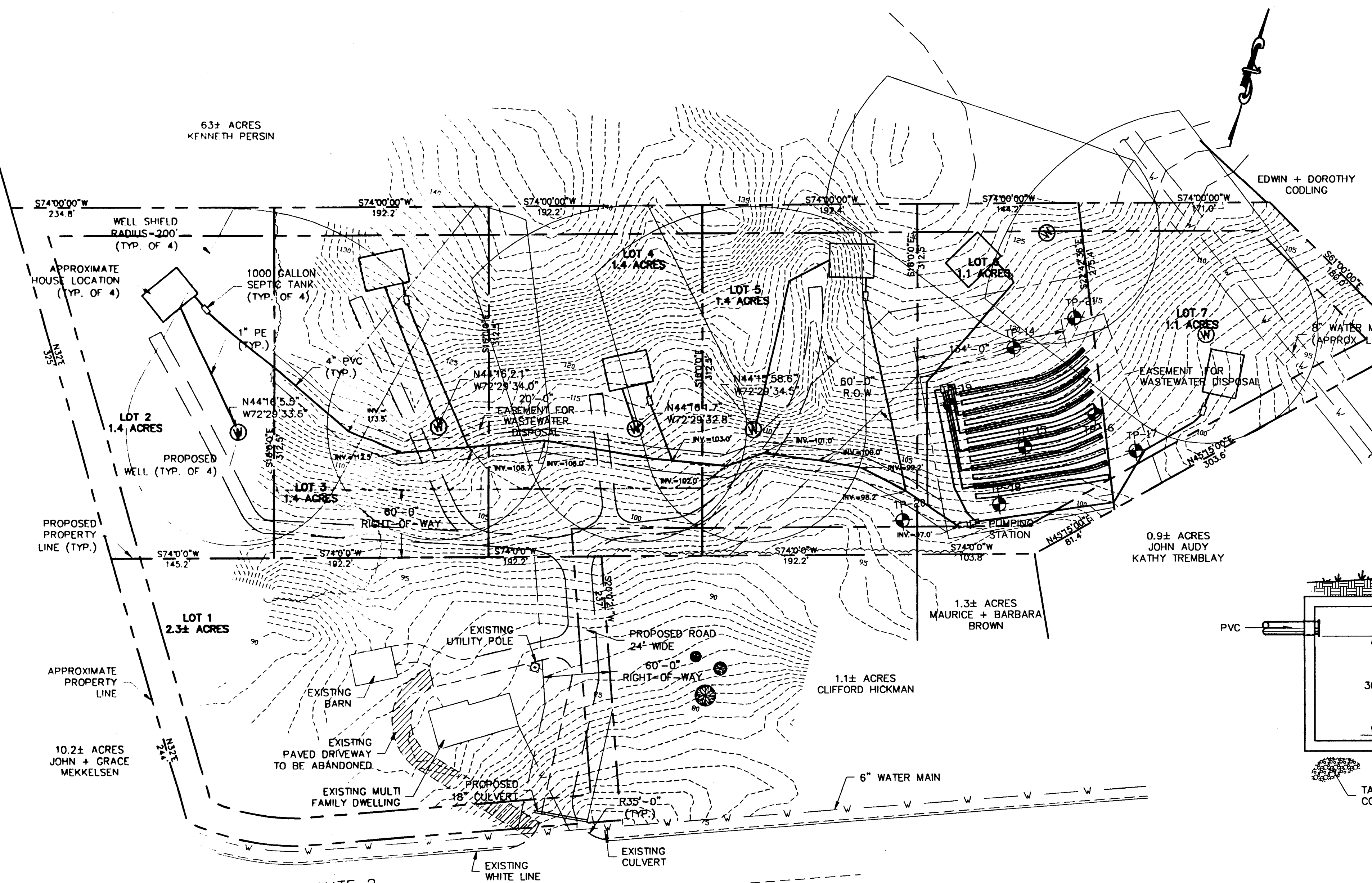
1.1  
 1 OF 1



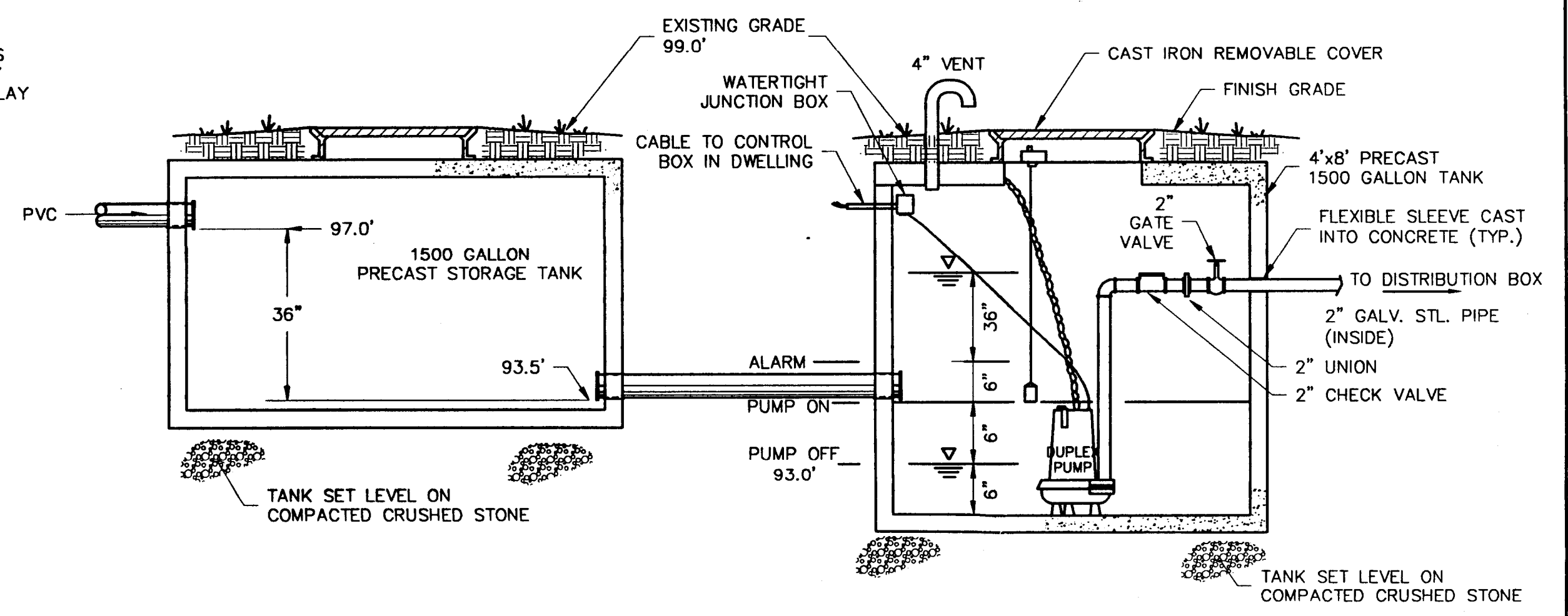
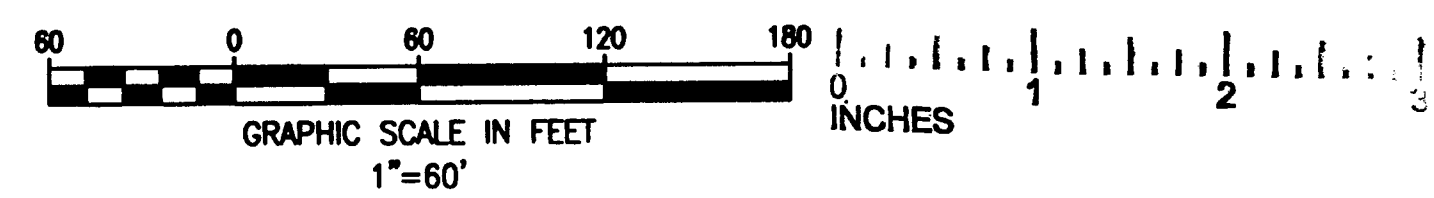
LOCATION MAP  
 SCALE: 1"=4000'±



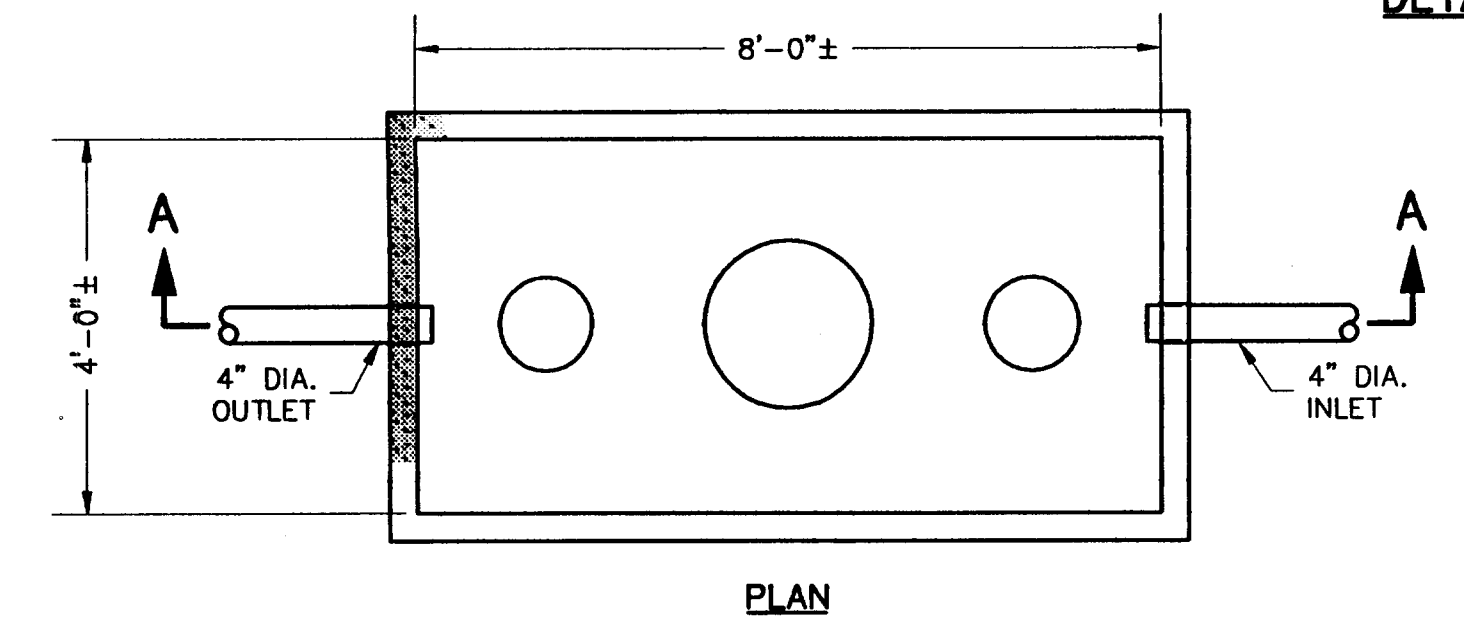
- LEGEND**
- PROPERTY LINE
  - - - - - EXISTING CONTOUR
  - ~ ~ ~ EXISTING TREELINE
  - - - - - EDGE OF EXISTING ROAD
  - - - - - PROPOSED DRIVEWAY
  - - - - - PROPOSED EASEMENT
  - W EXISTING WATERLINE
  - W NEW PVC PIPE SEE PLAN FOR SIZE
  - W NEW PERFORATED PVC PIPE SEE PLAN FOR SIZE
  - TP-X TEST PIT LOCATION
  - W PROPOSED WELL
  - ⊙ EXISTING UTILITY POLE



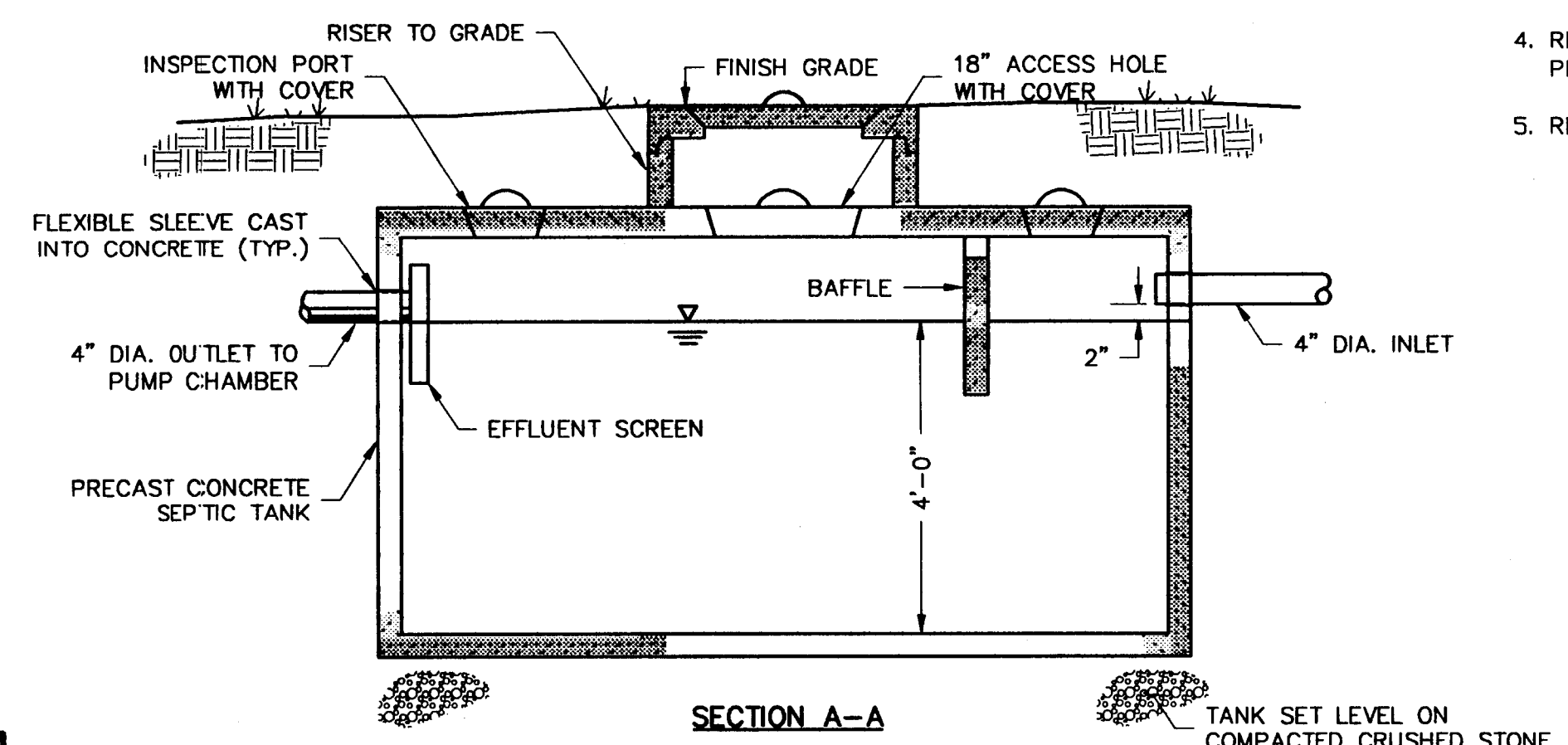
SITE PLAN



DETAIL - SEPTIC TANK EFFLUENT PUMP CHAMBER  
 NOT TO SCALE



PLAN



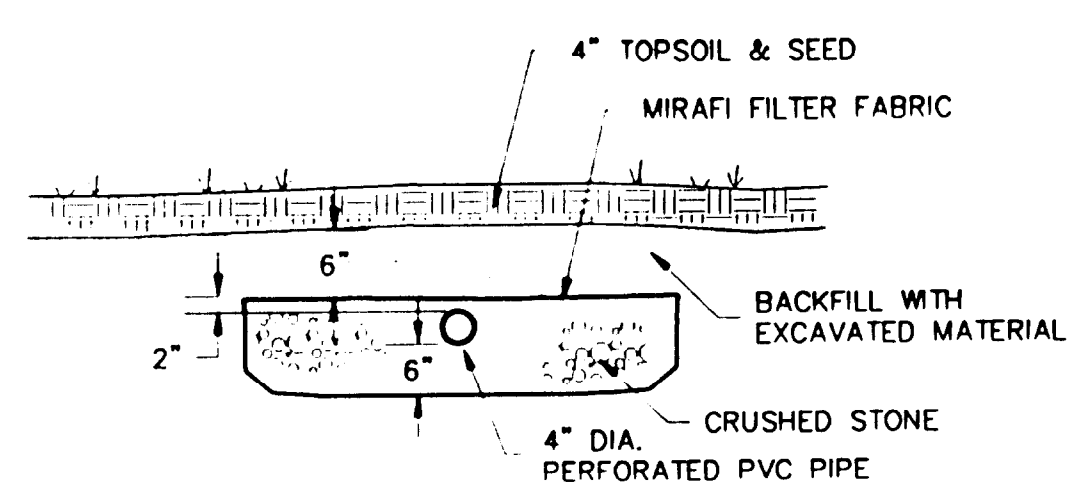
DETAIL - 1000 GALLON SEPTIC TANK  
 NOT TO SCALE

**GENERAL NOTES:**

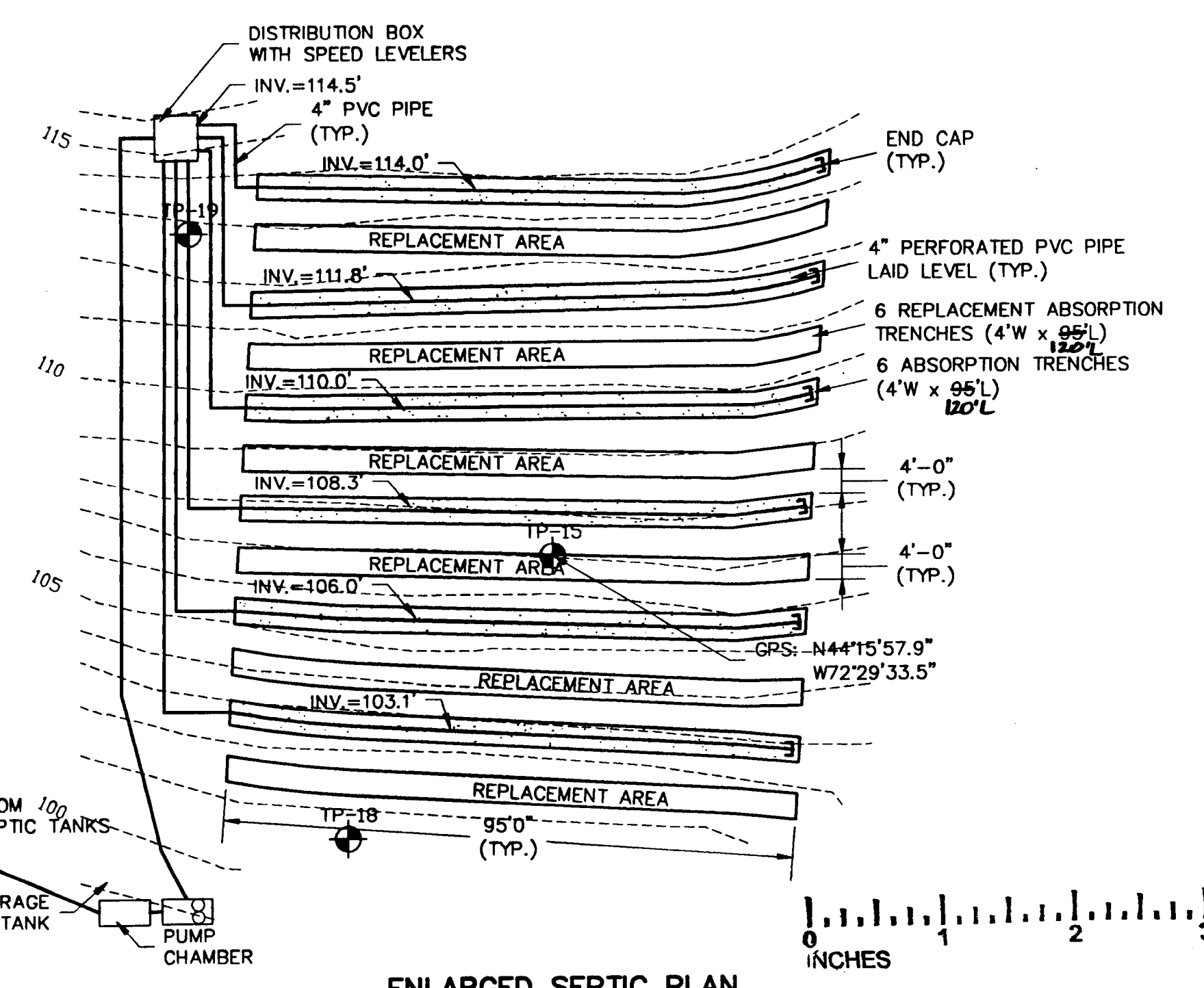
- THIS SYSTEM IS DESIGNED FOR 6 NEW 4 BEDROOM HOMES, PLUS EXISTING 2 FAMILY 6 BEDROOM DWELLING (2280 GALLONS PER DAY).
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE OF VERMONT, ENVIRONMENTAL PROTECTION RULES.
- ALL BURIED PIPE SHALL BE PVC, SDR 26 (MIN. THICKNESS).
- REQUIRED MINIMUM WELL YIELD IS 1.5 GALLONS PER MINUTE. PROVIDE 5GPM PUMP SYSTEM.
- REFER TO SPECIFICATIONS FOR MORE INFORMATION.

**GPS LOCATION DATA (NAD 83)**

LOT #	WATER SUPPLY	DISPOSAL AREA
1.	CRYSTAL SPRINGS	N44°16'5.6" W72°29'27.5"
2	N44°16'02.0" W72°29'36.8"	N44°16'5.6" W72°29'27.5"
3	N44°16'03.2" W72°29'34.4"	N44°16'5.6" W72°29'27.5"
4	N44°16'4.1" W72°29'31.6"	N44°16'5.6" W72°29'27.5"
5	N44°16'4.6" W72°29'30.5"	N44°16'5.6" W72°29'27.5"
6	N44°16'8.3" W72°29'28.4"	N44°16'5.6" W72°29'27.5"
7	N44°16'7.4" W72°29'24.7"	N44°16'5.6" W72°29'27.5"



DETAIL - ABSORPTION TRENCH  
 NOT TO SCALE



ENLARGED SEPTIC PLAN  
 SCALE: 1"=20'

