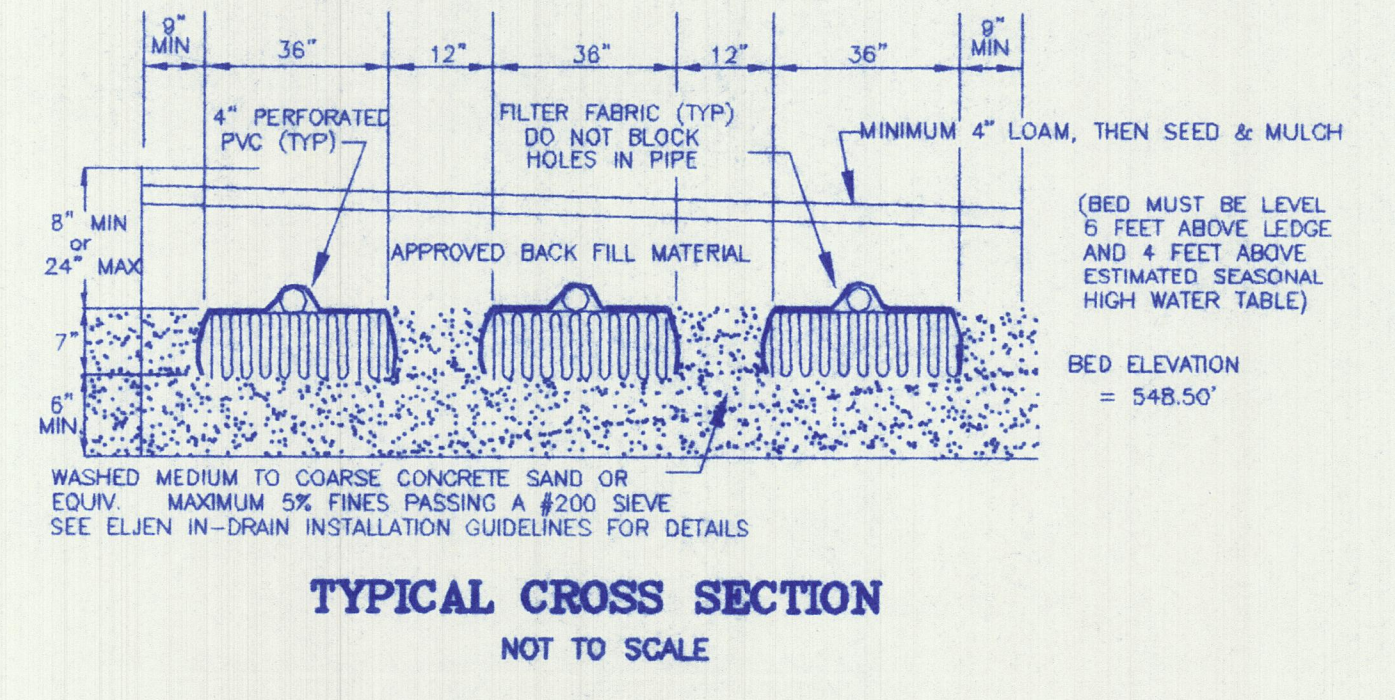
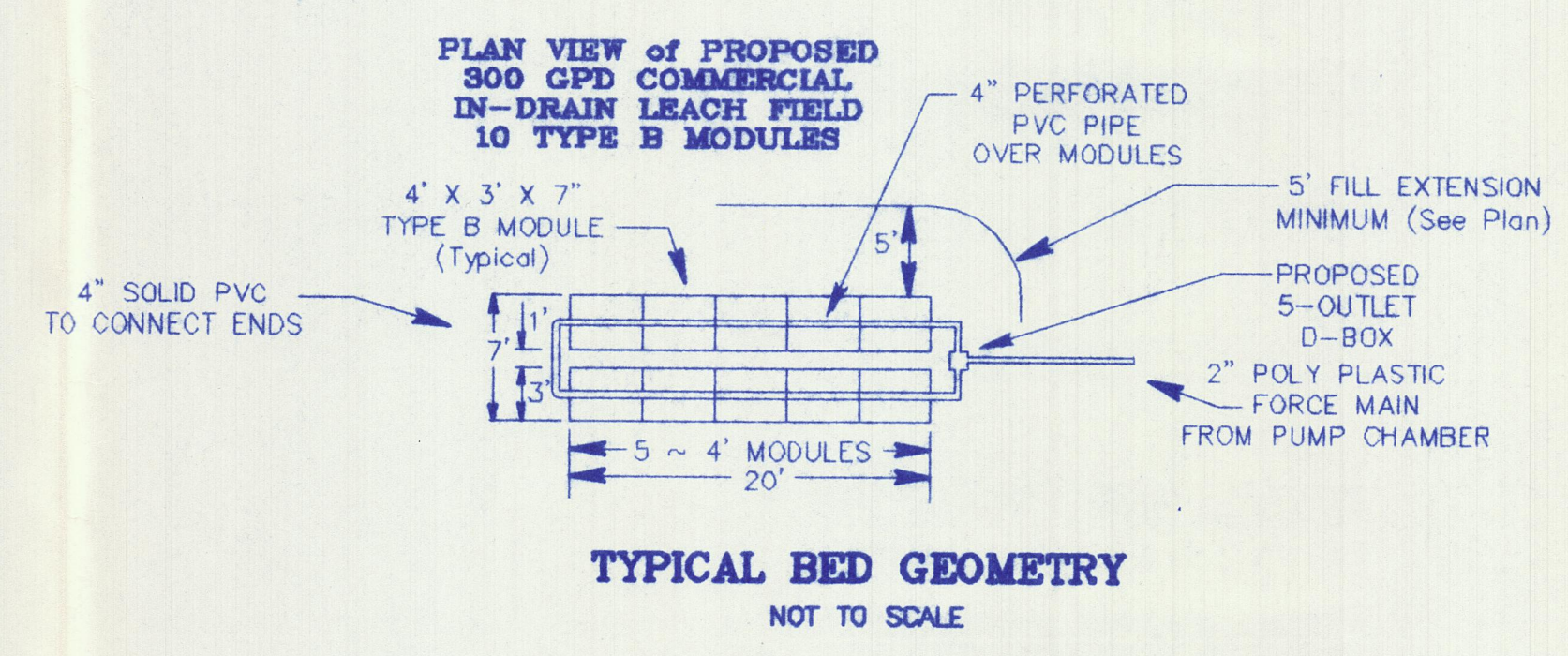


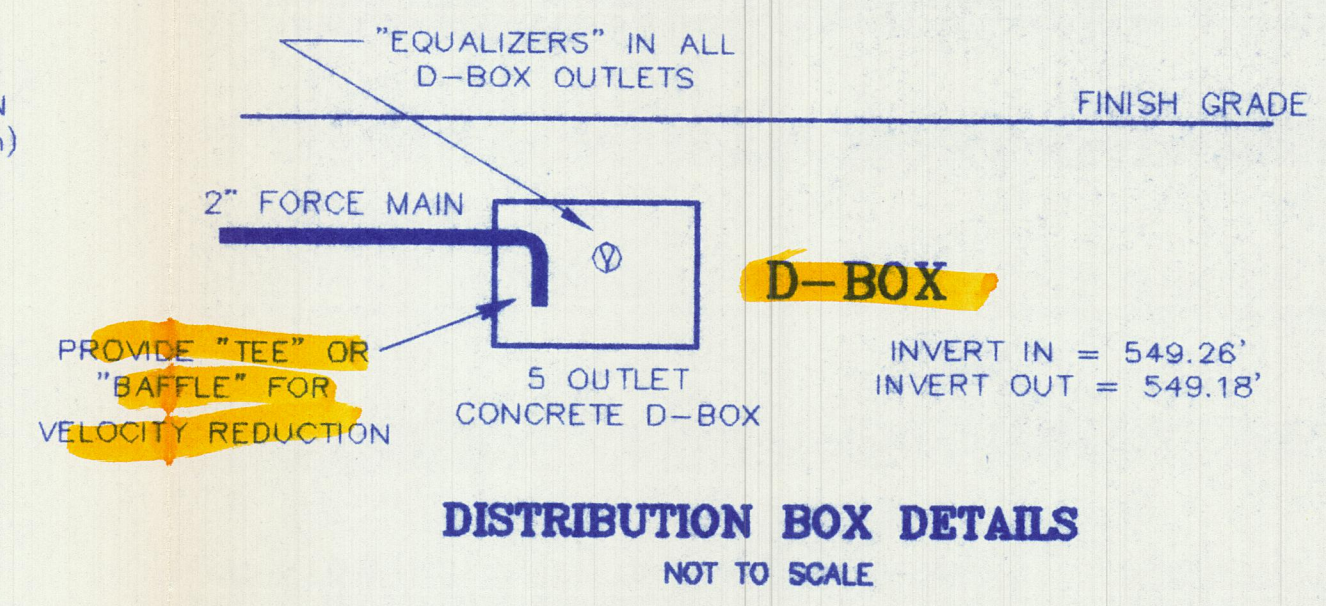
TYPICAL SECTION IN-DRAIN SYSTEM
NOT TO SCALE



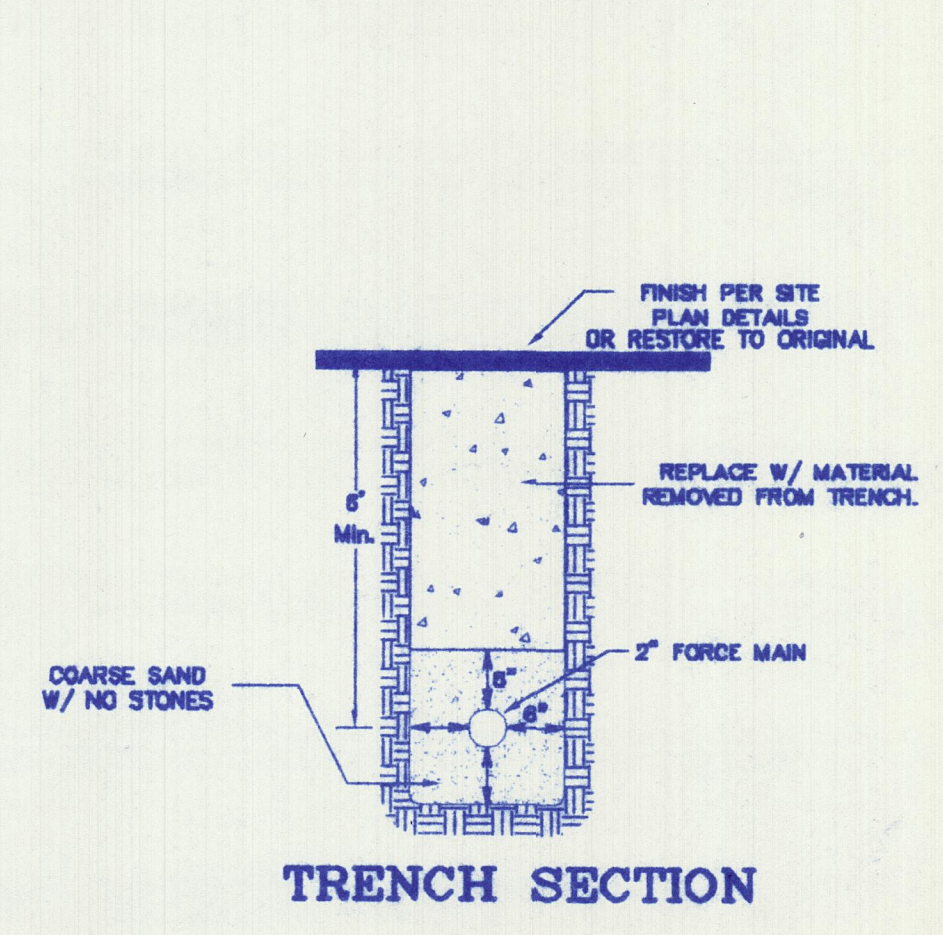
TYPICAL CROSS SECTION
NOT TO SCALE



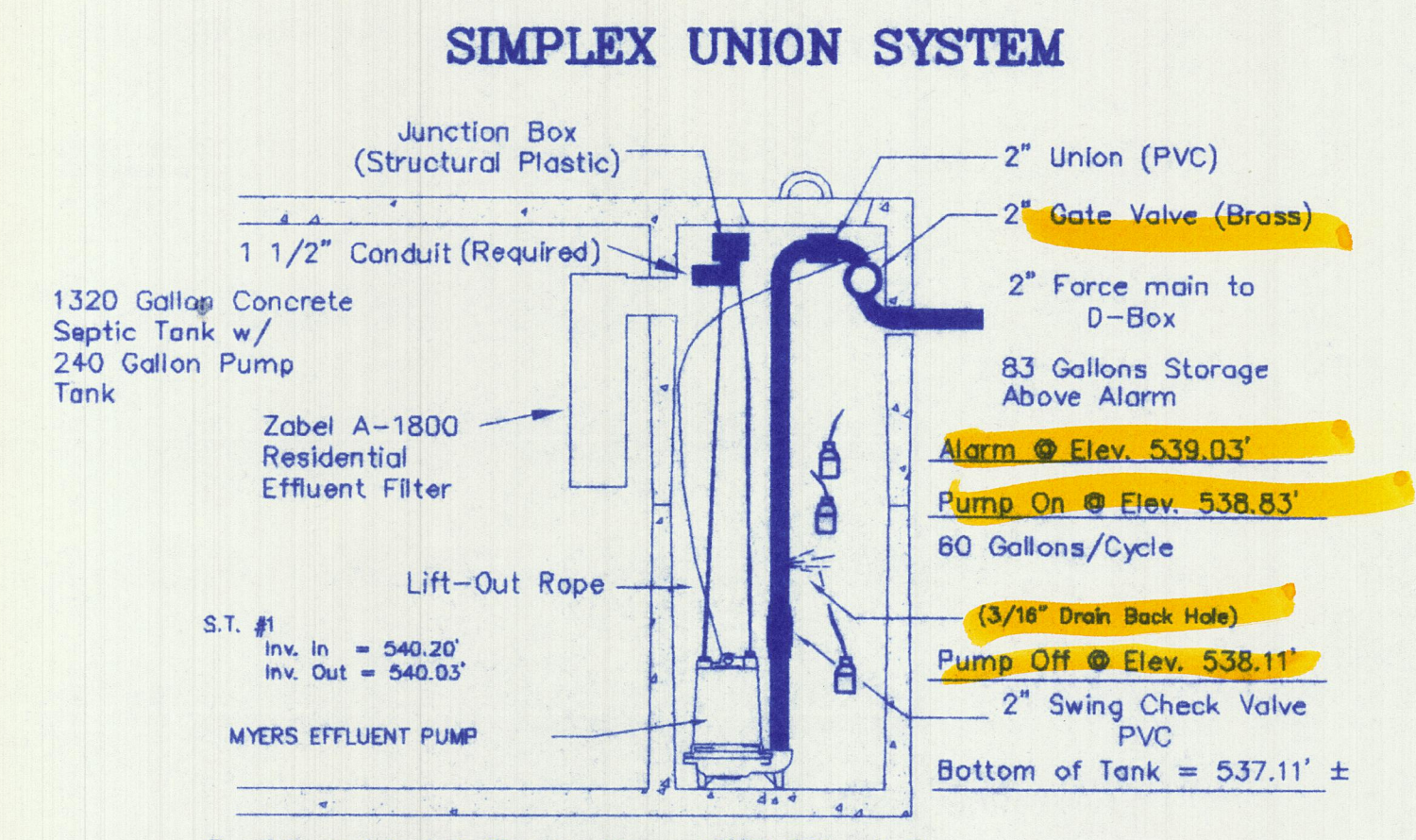
TYPICAL BED GEOMETRY
NOT TO SCALE



DISTRIBUTION BOX DETAILS
NOT TO SCALE

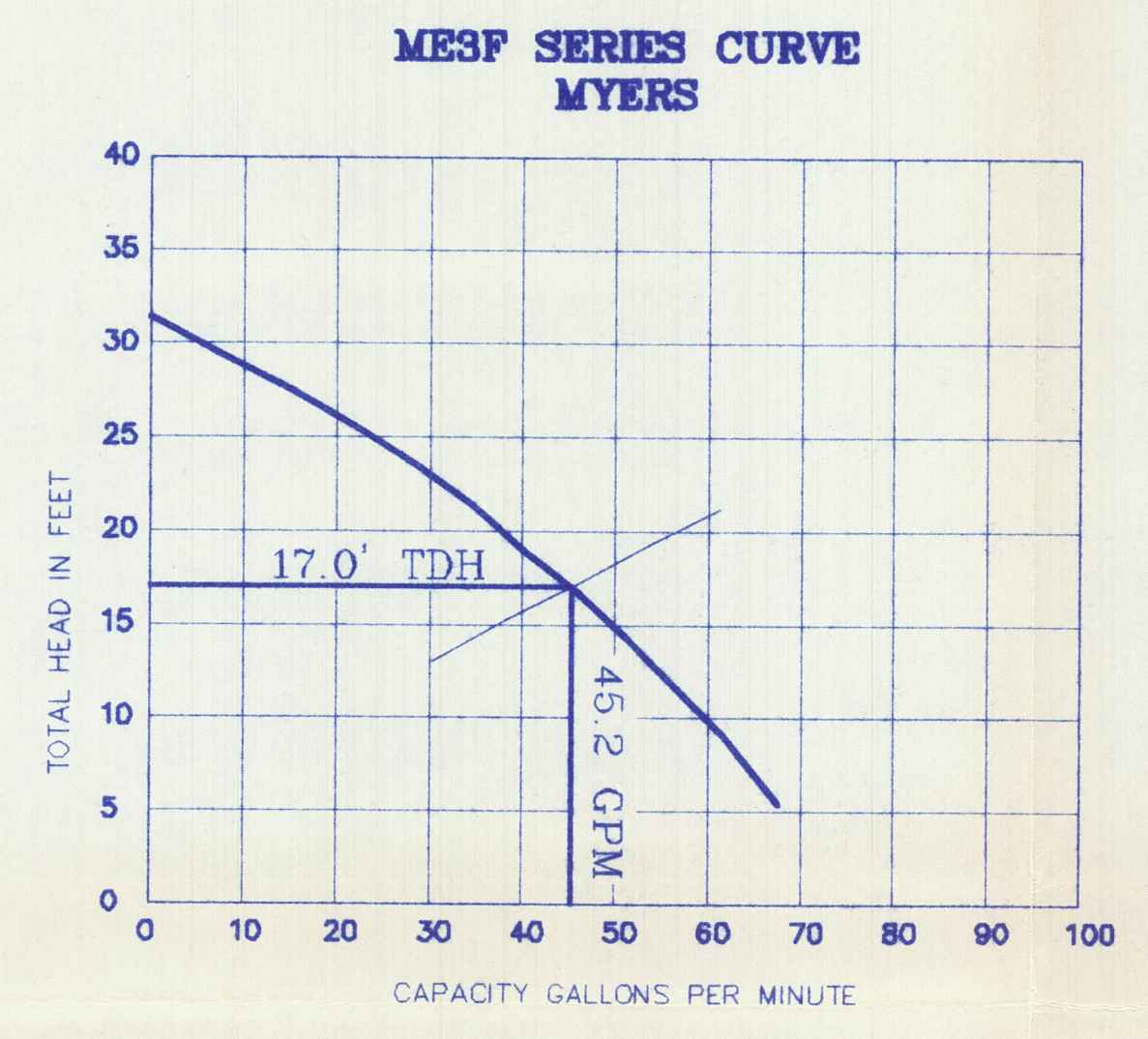


TRENCH SECTION

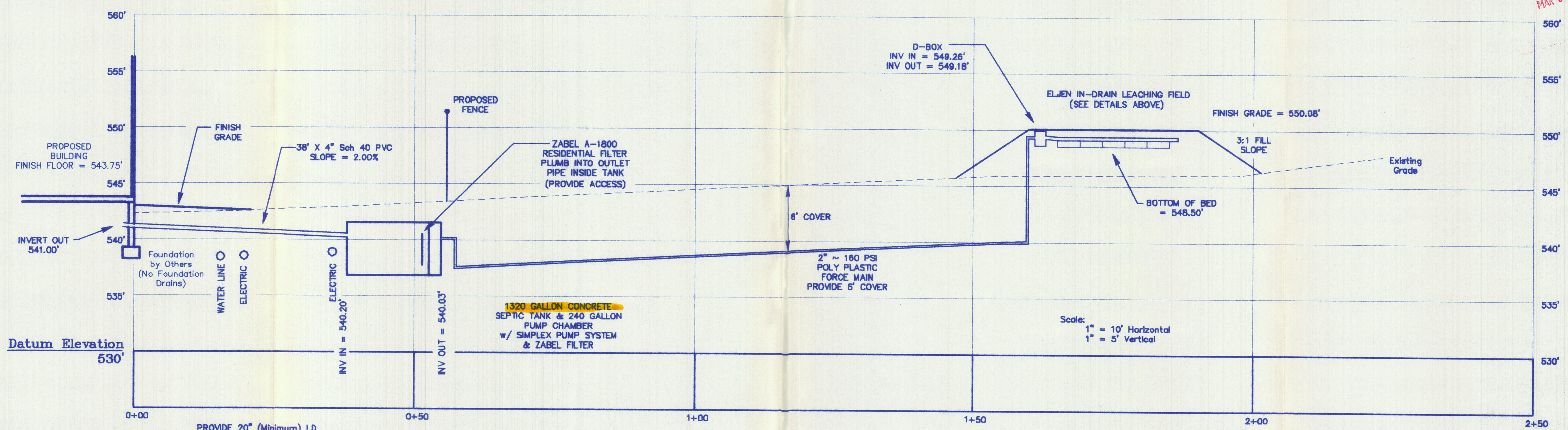


Furnish and install Simplex Myers ME3F Effluent Pump in pump chamber of combined concrete tank. Install mercury floats for pump on & off, and high water alarm. Set mercury float switches as shown above. Pump to be installed per manufacturer's specifications and be capable of pumping 45 GPM at 17.0' TDH. Run time 60 gallon cycle = 1 minute 20 seconds ±. Force Main velocity = 4.3 fps. (2 fps minimum)

Provide minimum 3" diameter PVC vent for Pump Chamber. Vent can be just above tank with gooseneck end (3' clearance above ground) or attached to building and vented at roof line.



SECTION THROUGH TANK, D-BOX & LEACH FIELD



PROVIDE 20" (Minimum) I.D. MANHOLES & COVERS OVER ALL SEPTIC TANK ACCESS COVERS IF DEPTH TO TOP OF TANK IS GREATER THAN 2'. TOP OF MANHOLE TO BE LESS THAN 6" BELOW FINISH GRADE.

RECEIVED
MAR 09 1999

UNIVERSITY OF NEW HAMPSHIRE
GROUNDWINDS PROJECT BARTLETT, NH
SUBSURFACE DISPOSAL SYSTEM
DETAILS

RFS RIST-FROST SHUNWAY
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DESIGNER: KEN HAMPSHIRE
CHECKED BY: C. M. SHUNWAY
DRAWN BY: P. W. MERRILL
TECH. DEPT. MER
ENGR. CHK. P. W. MERRILL
PROJ. MGR. C. M. SHUNWAY

SCALE: 1" = 20'
RFS PROJECT NO: 98-4081-01
CADD FILE NO: 4081-C2
DRAWING NO: C3

DATE: 2/18/99

SH 3 OF 9