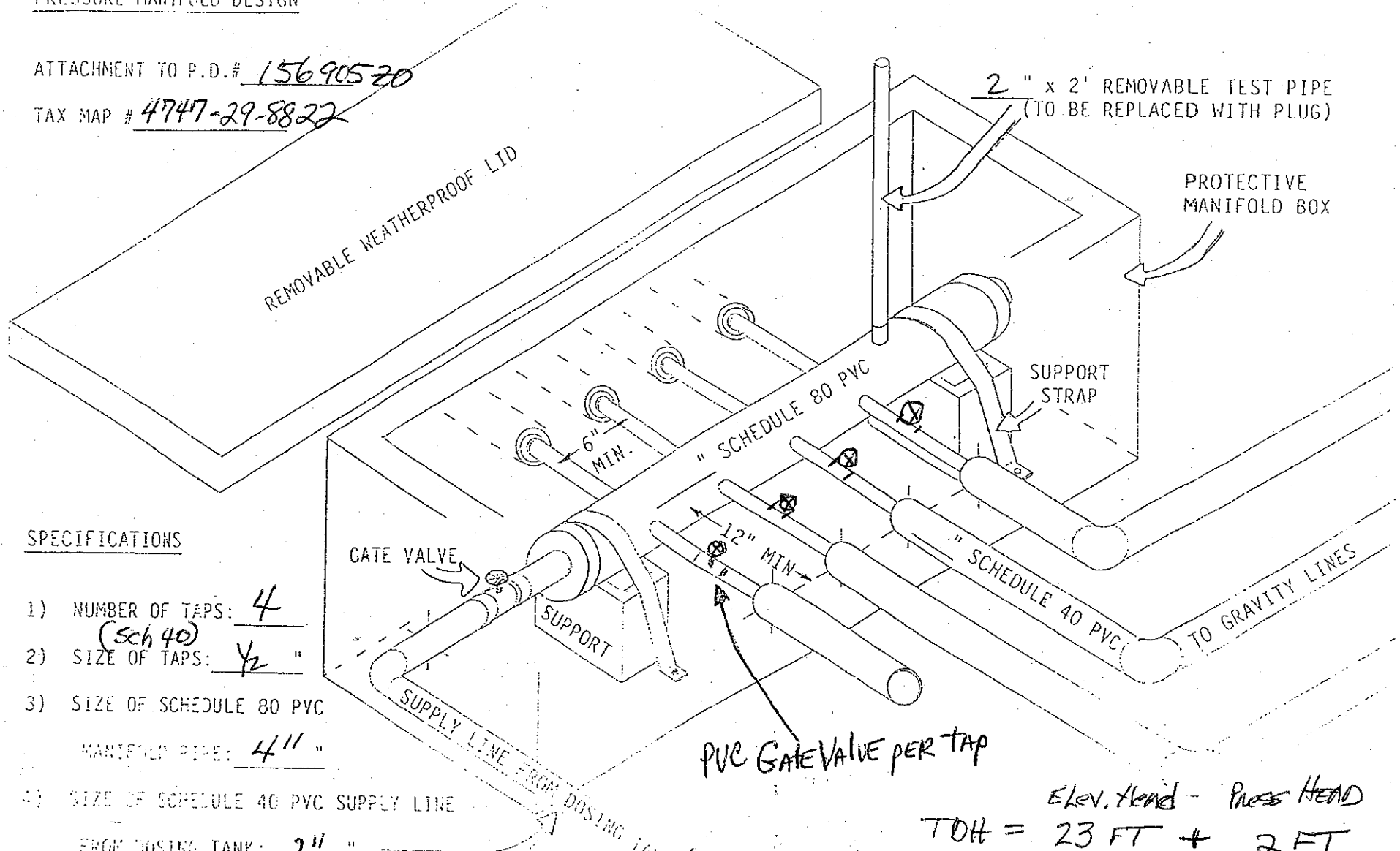
MINIMUM Pump Spec's — 29 gpm @ 35 FT TDH
INITIAL System 4-1/2" sch 40 TAPS (4 X 7.1 GAL/ORIFICE) = 29 gpm
SET Pump to close 150 gallons/close.

PRESSURE MANIFOLD DESIGN

ATTACHMENT TO P.D.# 15690520

TAX MAP # 4747-29-8822



SPECIFICATIONS

1) NUMBER OF TAPS: 4 (sch 40)
2) SIZE OF TAPS: 1/2 "
3) SIZE OF SCHEDULE 80 PVC MANIFOLD PIPE: 4" "
4) SIZE OF SCHEDULE 40 PVC SUPPLY LINE FROM DOSING TANK: 2" "

MAXIMUM Pipe Length (to Pressurize Repair Drainfield 195 FT
ELEV. Head = [8% Slope] (195 FT) + 7 FT Tank Depth = 23 FT
PRESSURE HEAD 2 FT
FRICTION LOSS in 200 FT Sch 40 PIPE = 4 FT

ELEV. Head + PRESS HEAD
TDH = 23 FT + 2 FT
+ FRICTION LOSS HEAD 4 FT
TDH = 29 FT + 20% contingency
TDH = 35 FT