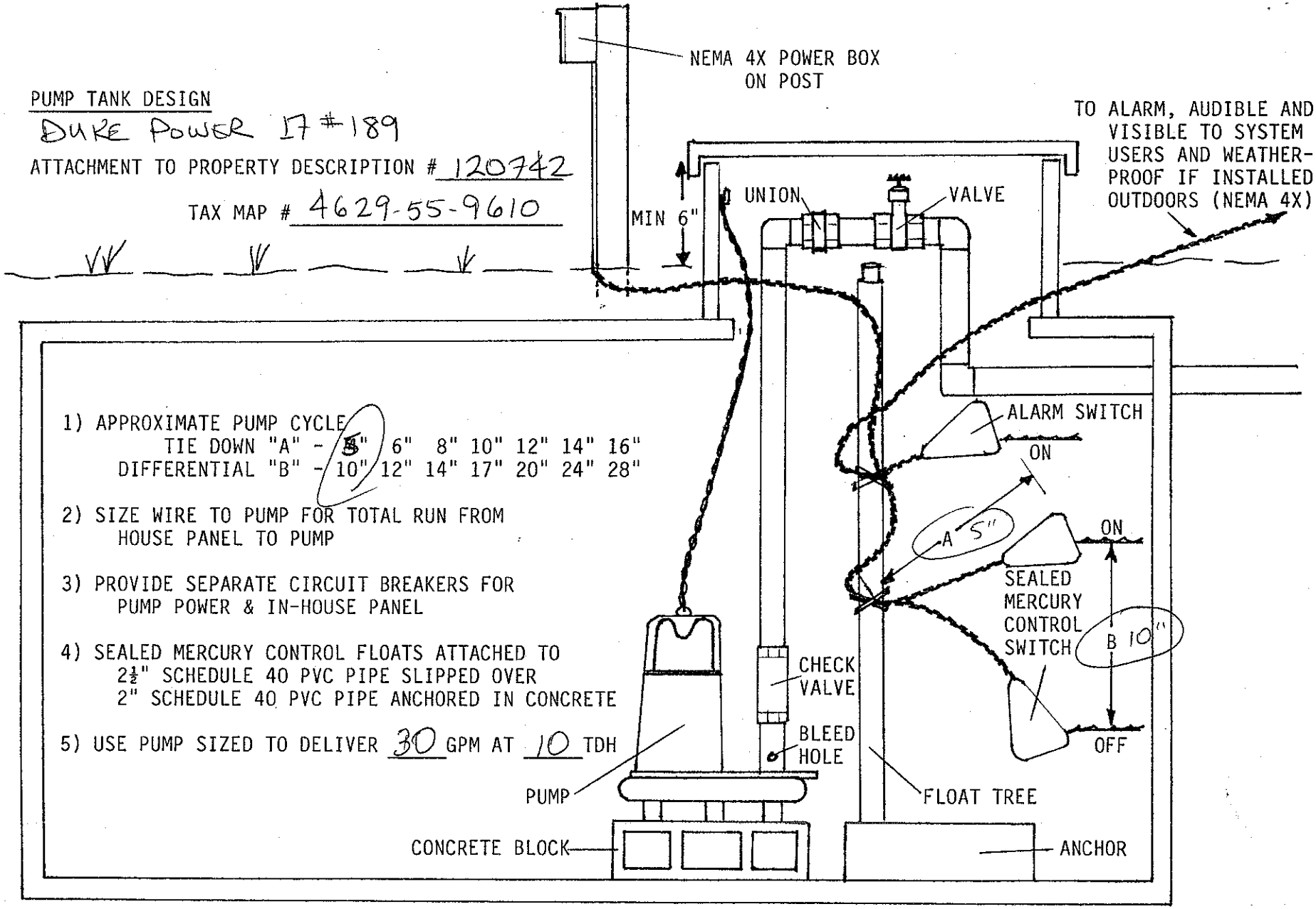
PUMP TANK DESIGN

DUKE POWER I7 #189

ATTACHMENT TO PROPERTY DESCRIPTION # 120742

TAX MAP # 4629-55-9610



1) APPROXIMATE PUMP CYCLE
   TIE DOWN "A" - 5" 6" 8" 10" 12" 14" 16"
   DIFFERENTIAL "B" - 10" 12" 14" 17" 20" 24" 28"

2) SIZE WIRE TO PUMP FOR TOTAL RUN FROM HOUSE PANEL TO PUMP

3) PROVIDE SEPARATE CIRCUIT BREAKERS FOR PUMP POWER & IN-HOUSE PANEL

4) SEALED MERCURY CONTROL FLOATS ATTACHED TO $2\frac{1}{2}$" SCHEDULE 40 PVC PIPE SLIPPED OVER 2" SCHEDULE 40 PVC PIPE ANCHORED IN CONCRETE

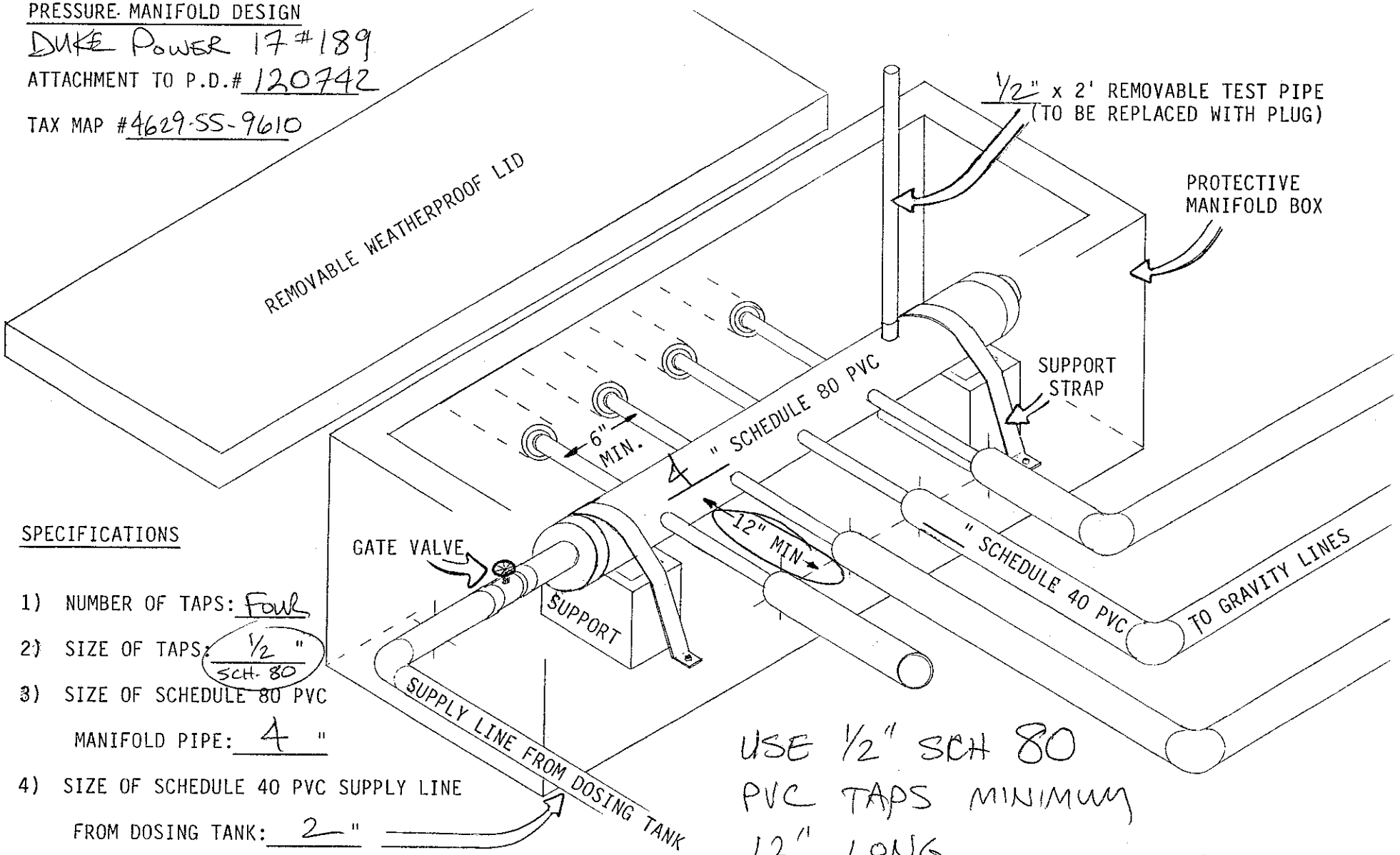
5) USE PUMP SIZED TO DELIVER 30 GPM AT 10 TDH

PRESSURE MANIFOLD DESIGN

DUKE POWER 17#189

ATTACHMENT TO P.D.# 120742

TAX MAP #4629-55-9610



SPECIFICATIONS

1) NUMBER OF TAPS: Four

2) SIZE OF TAPS: 1/2" SCH. 80

3) SIZE OF SCHEDULE 80 PVC MANIFOLD PIPE: 4"

4) SIZE OF SCHEDULE 40 PVC SUPPLY LINE FROM DOSING TANK: 2"

USE 1/2" SCH 80 PVC TAPS MINIMUM 12" LONG