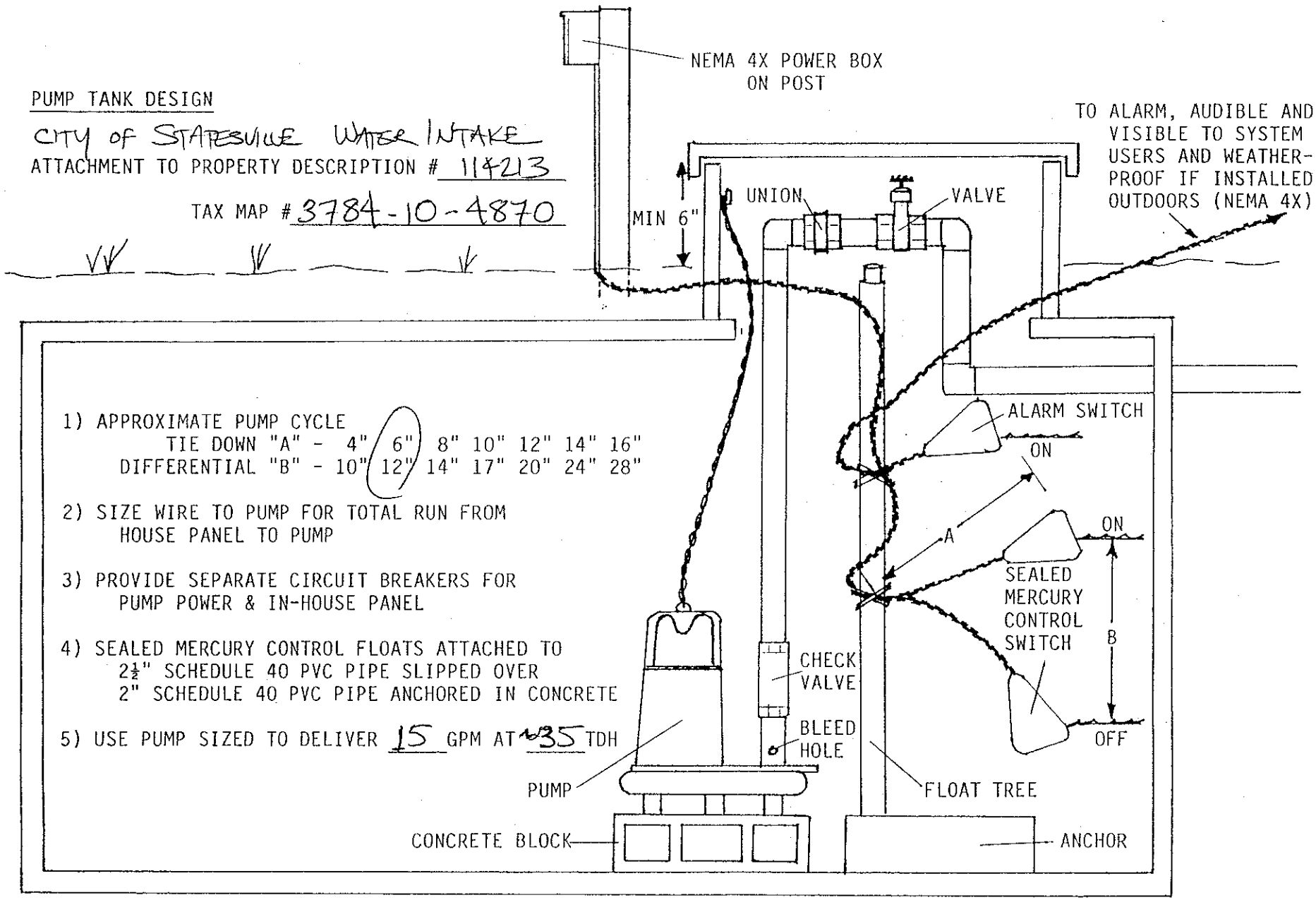
PUMP TANK DESIGN

CITY of STATESVILLE WATER INTAKE

ATTACHMENT TO PROPERTY DESCRIPTION # 114213

TAX MAP # 3784-10-4870



1) APPROXIMATE PUMP CYCLE
   TIE DOWN "A" - 4" 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

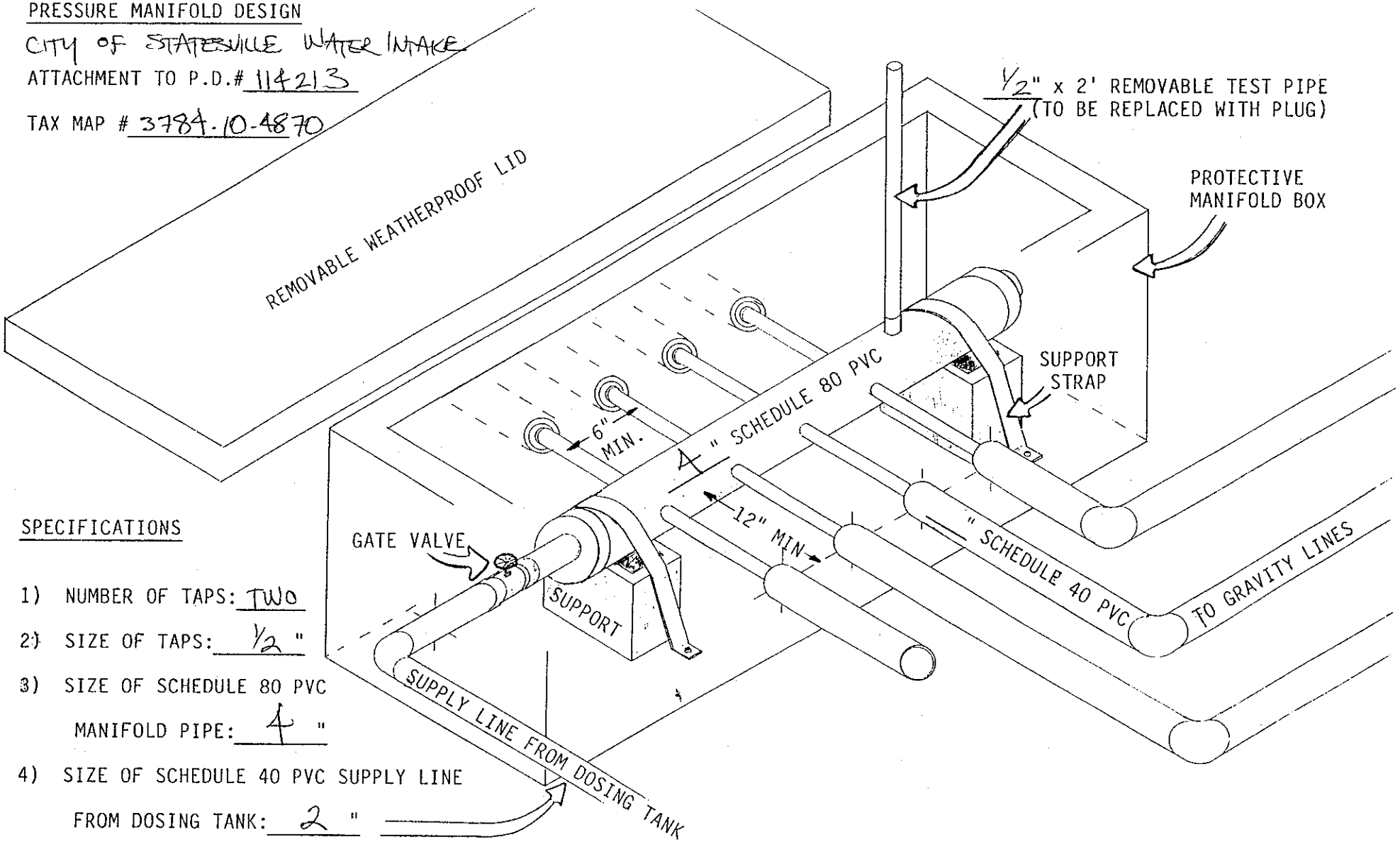
5) USE PUMP SIZED TO DELIVER 15 GPM AT ~35 TDH

PRESSURE MANIFOLD DESIGN

CITY OF STATESVILLE WATER INTAKE

ATTACHMENT TO P.D.# 114213

TAX MAP # 3784.10-4870



SPECIFICATIONS

1) NUMBER OF TAPS: TWO
2) SIZE OF TAPS: ½ "
3) SIZE OF SCHEDULE 80 PVC MANIFOLD PIPE: 4 "
4) SIZE OF SCHEDULE 40 PVC SUPPLY LINE FROM DOSING TANK: 2 "