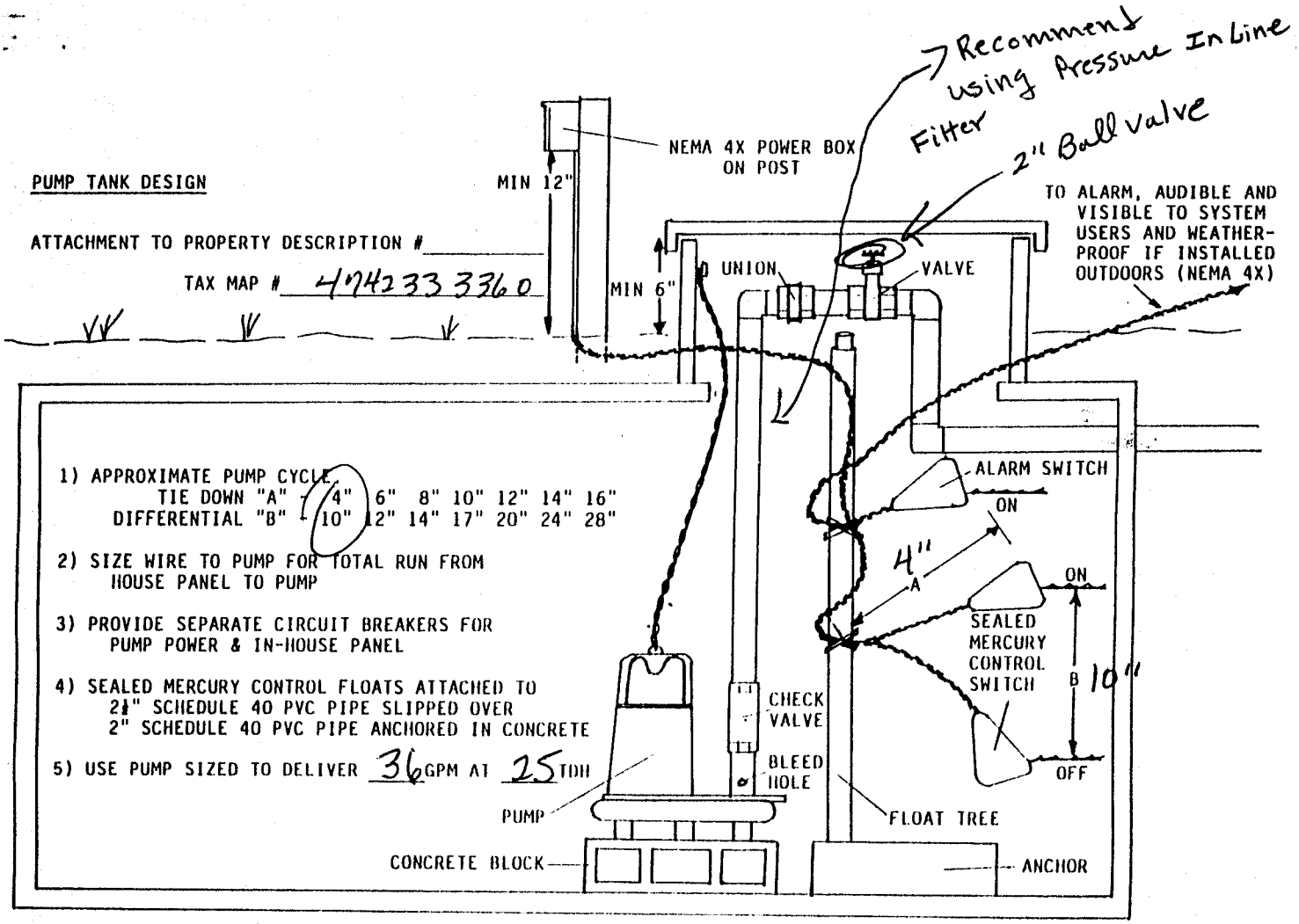

PUMP TANK DESIGN
ATTACHMENT TO PROPERTY DESCRIPTION #
TAX MAP # 4742333360
MIN 12"
MIN 6"
NEMA 4X POWER BOX ON POST
Recommend using Pressure In Line Filter
2" Ball Valve
TO ALARM, AUDIBLE AND VISIBLE TO SYSTEM USERS AND WEATHER-PROOF IF INSTALLED OUTDOORS (NEMA 4X)
UNION
VALVE
1) APPROXIMATE PUMP CYCLE
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" SCHEDULE 40 PVC PIPE SLIPPED OVER 2" SCHEDULE 40 PVC PIPE ANCHORED IN CONCRETE
5) USE PUMP SIZED TO DELIVER 36 GPM AT 25 TDH
ALARM SWITCH
ON
4"
A
ON
SEALED MERCURY CONTROL SWITCH
B 10"
OFF
CHECK VALVE
BLEED HOLE
PUMP
FLOAT TREE
CONCRETE BLOCK
ANCHOR