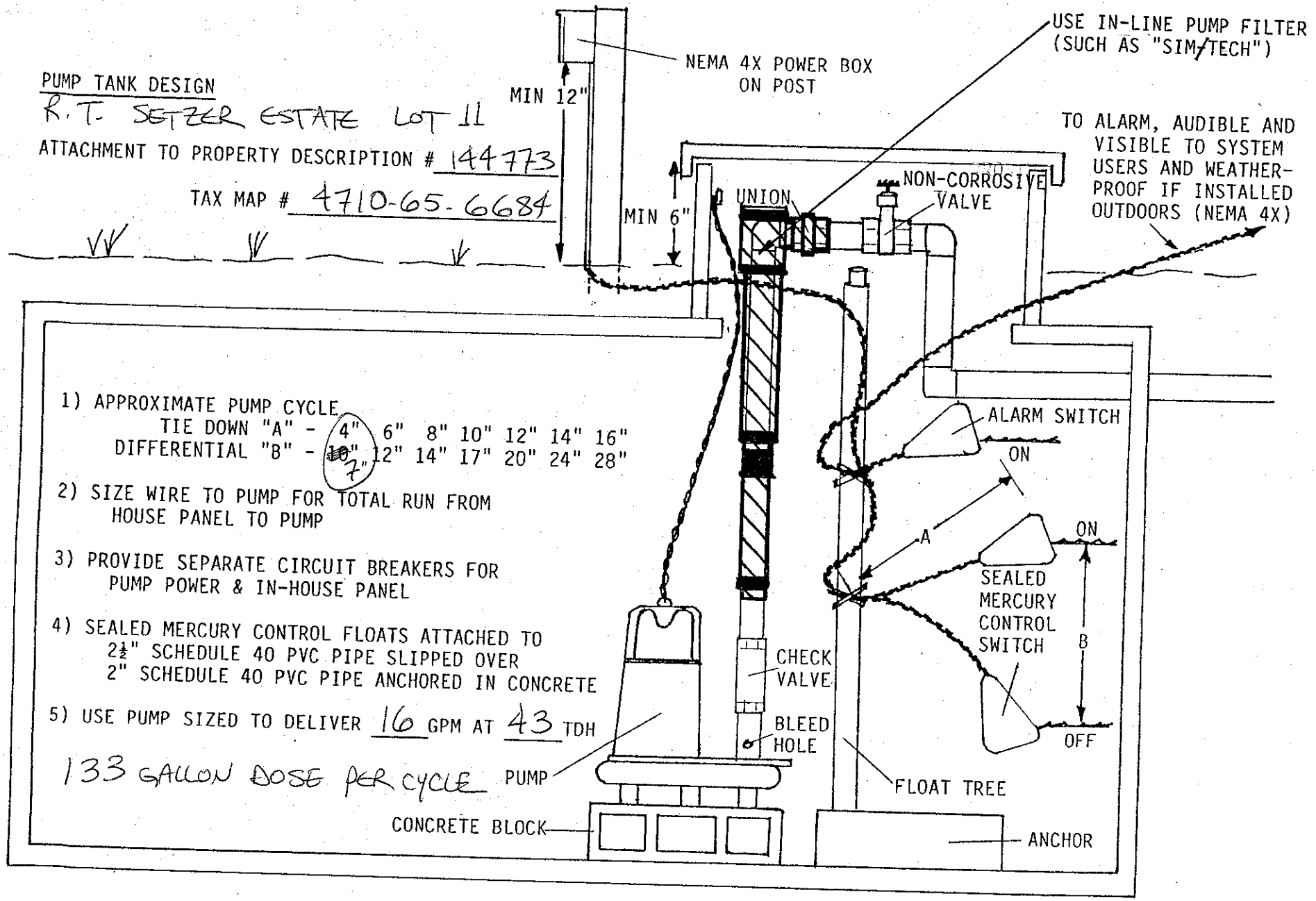
PUMP TANK DESIGN

R. T. SETZER ESTATE LOT 11

ATTACHMENT TO PROPERTY DESCRIPTION # 14473

TAX MAP # 4710-65-6684



1) APPROXIMATE PUMP CYCLE
   TIE DOWN "A" - ~~4"~~ 6" 8" 10" 12" 14" 16"
   DIFFERENTIAL "B" - ~~10"~~ 7" 12" 14" 17" 20" 24" 28"

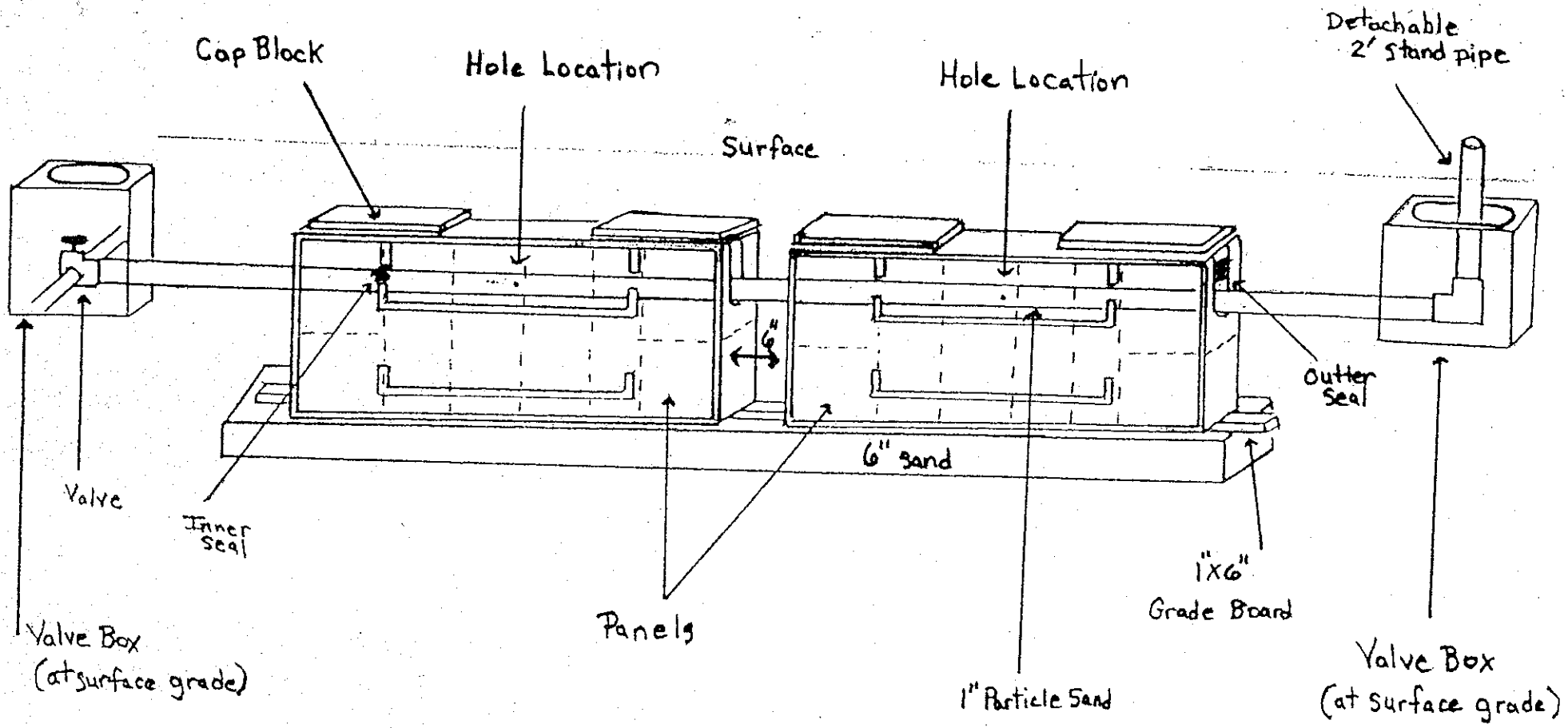
2) SIZE WIRE TO PUMP FOR TOTAL RUN FROM HOUSE PANEL TO PUMP

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

4) SEALED MERCURY CONTROL FLOATS ATTACHED TO
   2½" SCHEDULE 40 PVC PIPE SLIPPED OVER
   2" SCHEDULE 40 PVC PIPE ANCHORED IN CONCRETE

5) USE PUMP SIZED TO DELIVER 16 GPM AT 43 TDH

133 GALLON DOSE PER CYCLE

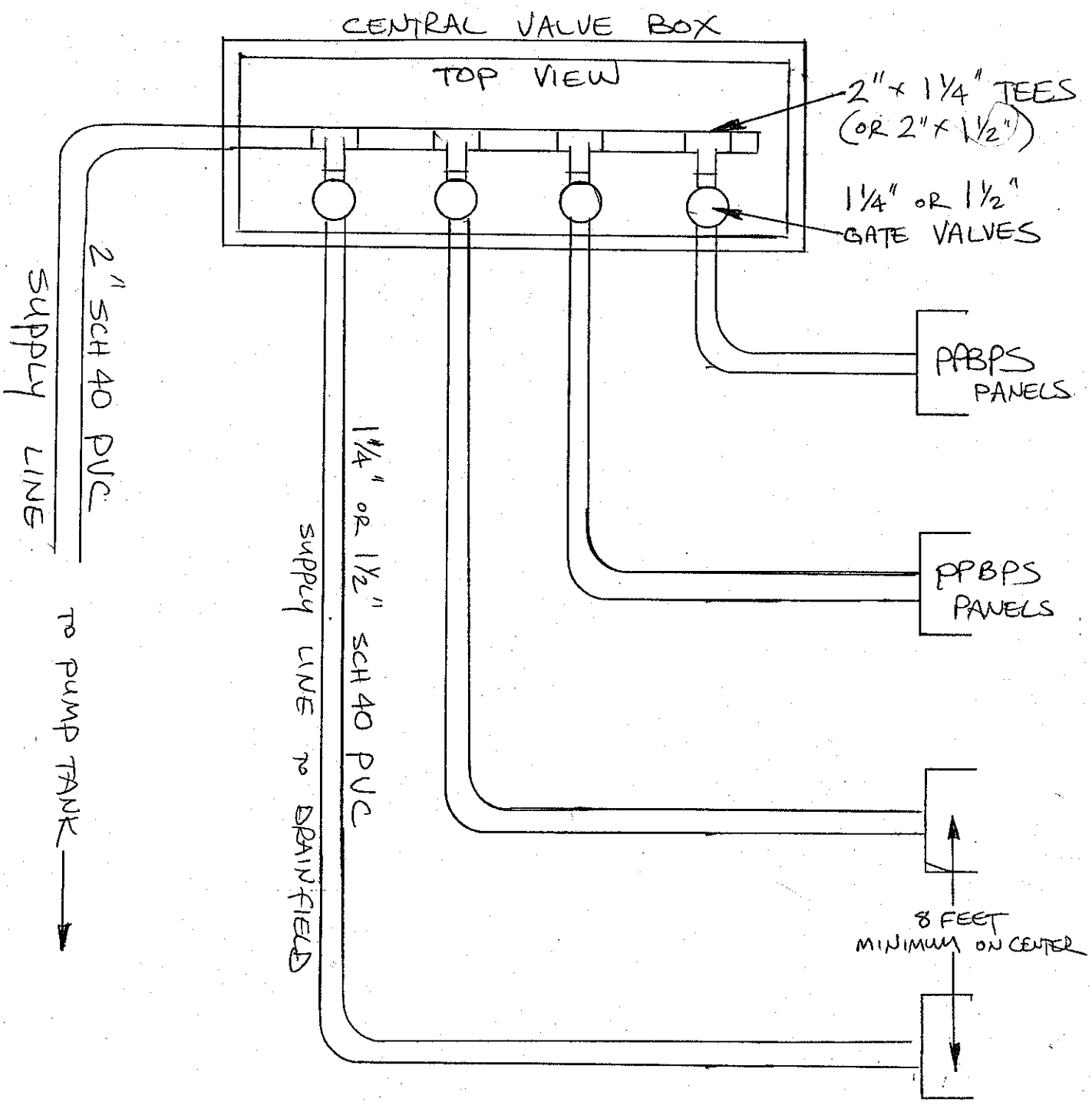


Pressure Dosed PPBPS

# of panels 37.
Size holes 5/32". 1 hole per panel.
Approximate amount of sand needed 28 TONS.
100lbs. of partical sand per 8 panels.
Sidewalls raked and limed.
GPM 16.
TDH 43.

Comments

CENTRAL VALVE BOX EXAMPLE SKETCH



POTENTIAL GRADING PLAN FOR SHANNON MYERS : PARCEL ID 4710656684

Transect runs from existing power pole to front wall of house at juncture with garage (see attached site plan)

TBM : nail set 0.3' above grade at base of power pole

Transect	Rod reading	Actual elevation	Proposed grade	Maximum cut (ft)	Backfill
0	0.75	100.00	100.00	0.00	
10	2.50	98.25	97.47	-0.78	
20	4.10	96.65	94.94	-1.71	
30	5.15	95.60	92.41	-3.19	
40	8.00	92.75	89.88	-2.87	
50	9.90	90.85	87.35	-3.50	
60	11.40	89.35	84.35	-5.00	
70	13.30	87.45	81.65	-5.80	81.65
80	15.70	85.05	79.25	-5.80	82.15

