HORIZONTAL FLOW TREATMENT WETLANDS (3 CELLS)

- TOP OF MULCH ELEVATION: 194.2’
- TOP OF GRAVEL ELEVATION: 193.7’
- BOTTOM ELEVATION: 191.2’

CELL III

- PIEZOMETER
- I/P POND EFFLUENT DISTRIBUTION AND EFFLUENT SAMPLING BOX

CELL II

- 6" INSULATING MULCH LAYER
- RECIRCULATION TANK
  - TOP RISER: 197.25’
  - BTE: 192.10’
  - FROM SEPTIC EFFLUENT PUMP
  - FROM RECIRCULATION PUMP

CELL I

- 2000 GAL PUMP TANK
- 1500 GAL SEPTIC TANK
- FLOW METER BOX
- 4' SPLIT RAIL FENCE WITH MESH BACKING
- CONDUIT(S) FOR FLOW METER
- POWER & SIGNAL (IF SIGNAL TO BACK TO ELECTRIC ROOM)
- CONDUIT FOR WETLAND DOSING PUMP POWER

- EMPTY CONDUIT FOR FUTURE 1.5 & 2 HP PUMPS

- CALL BEFORE YOU DIG

- PENNINGTON, NJ 08534