

Design Criteria

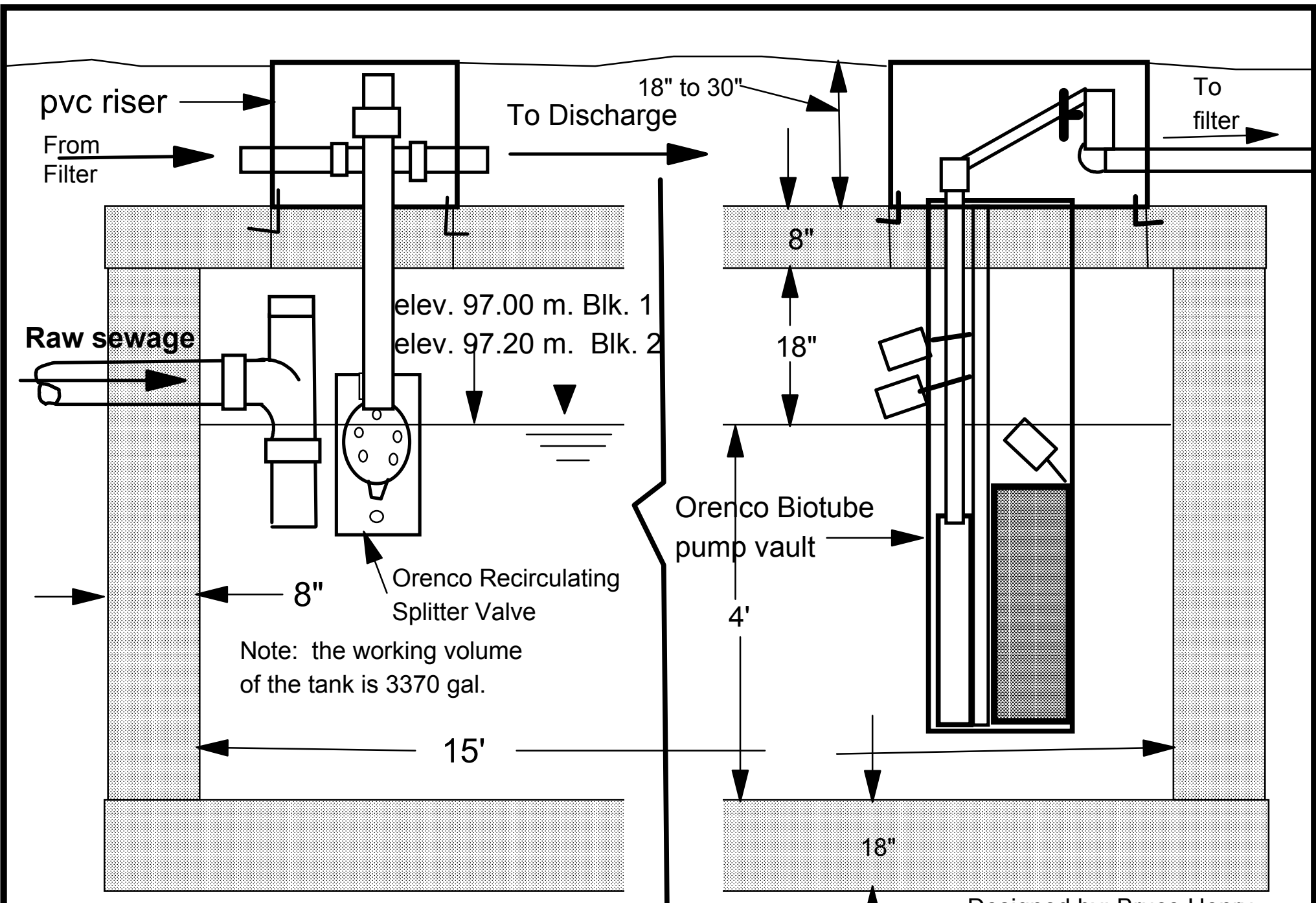
- Treat wastewater for two blocks
- 20 homes per block
- 5 persons per home
- 45 gallons per person

Wastewater Treatment System

- Septic tanks at homes provide primary treatment.
- Recirculating Sand Filter provides secondary treatment.
- Small Diameter Collection line (4-inch diameter PVC)

Pumping Station Design Information

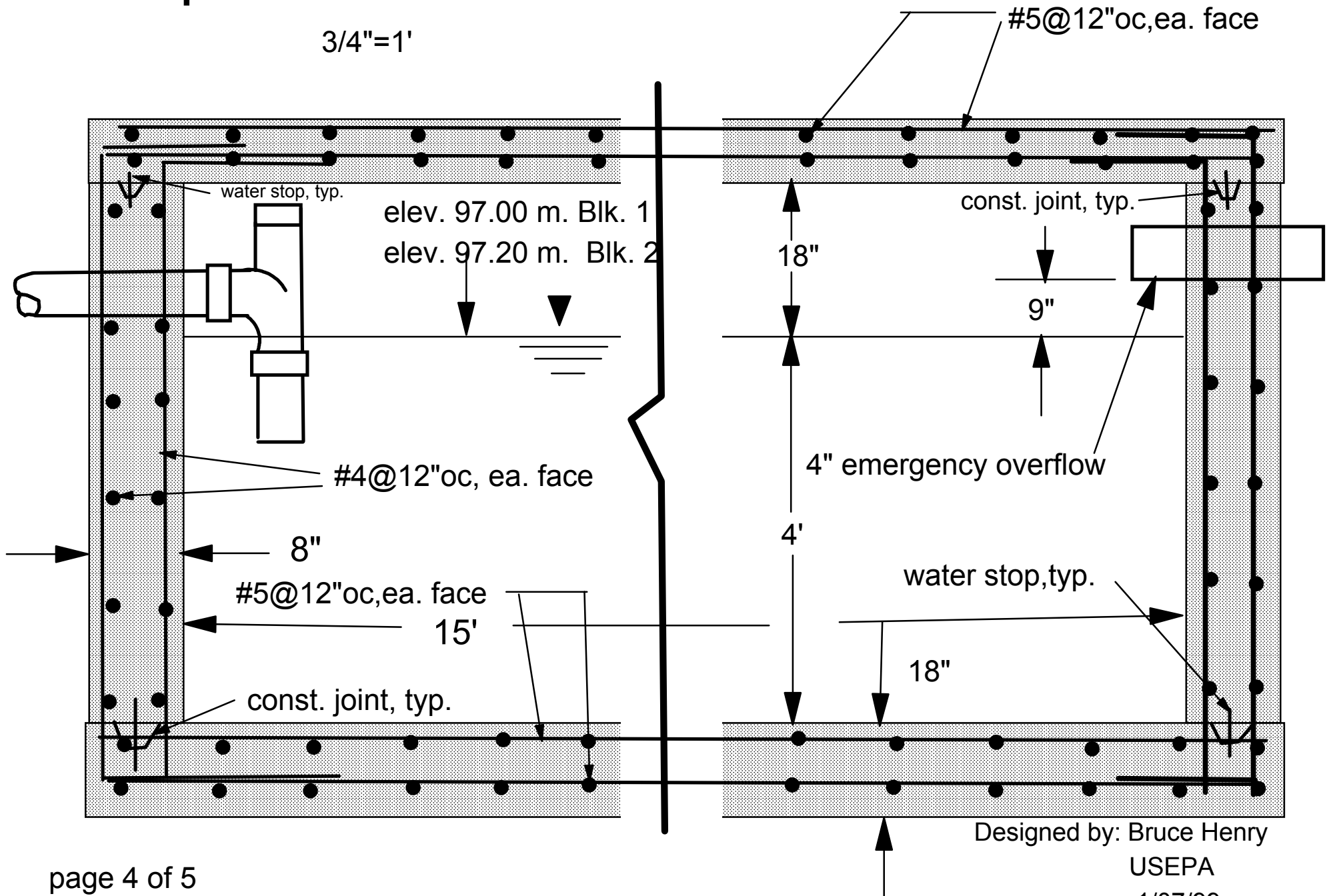
- 24 hour detention time
- 3370 gallon capacity
- Water proof tanks

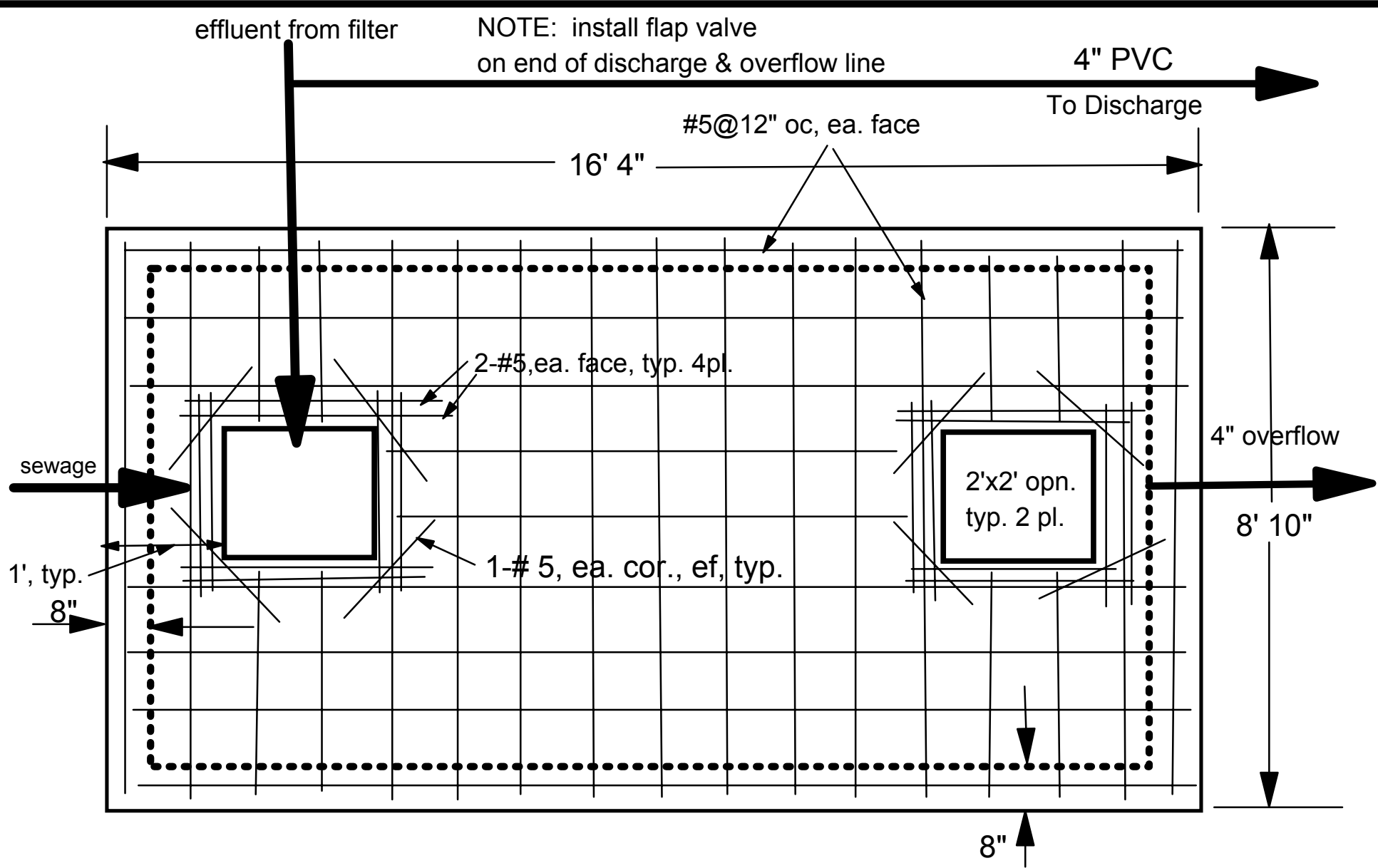


Pump Station Section

Pump Station Section-structural

3/4"=1'





PUMPING STATION - PLAN

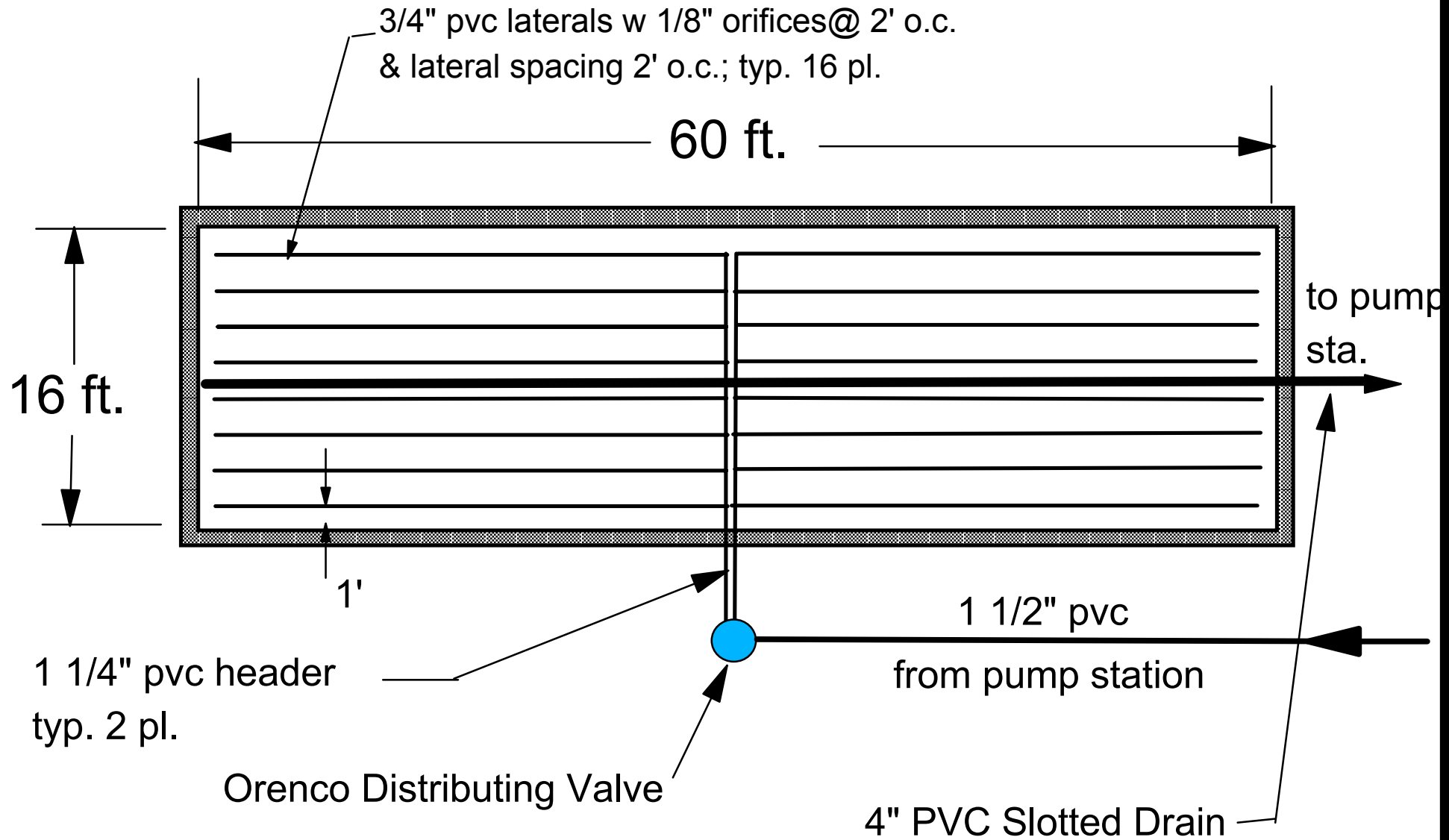
Designed by: Bruce Henry

1/2"=1'

USEPA

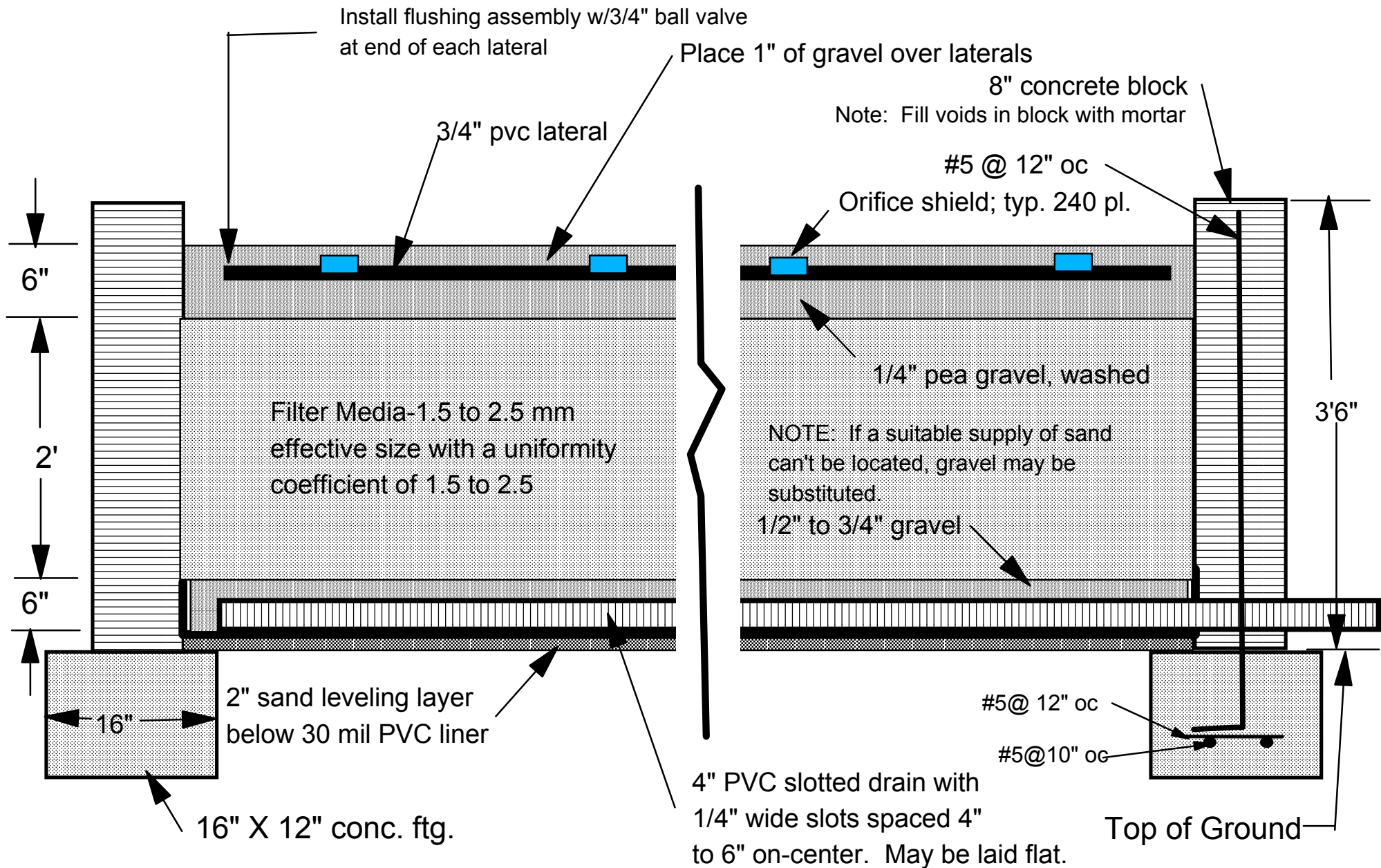
Recirculating Sand Filter Design Information

- Application rate - 5 gallon per day per square foot
- Each recirculating sand filter has 4800 gallon capacity



Recirculating Sand Filter Plan

1/8"=1'



SIDE ELEVATION-FILTER

1" = 1'

page 2 of 5

Designed by: Bruce Henry

USEPA

12/23/98

See Orenco DWG. 1RSF