

BOTTOMLESS SAND FILTER
AND RECEPTACLE
CROSS SECTIONAL VIEW

[SOUTH - END]

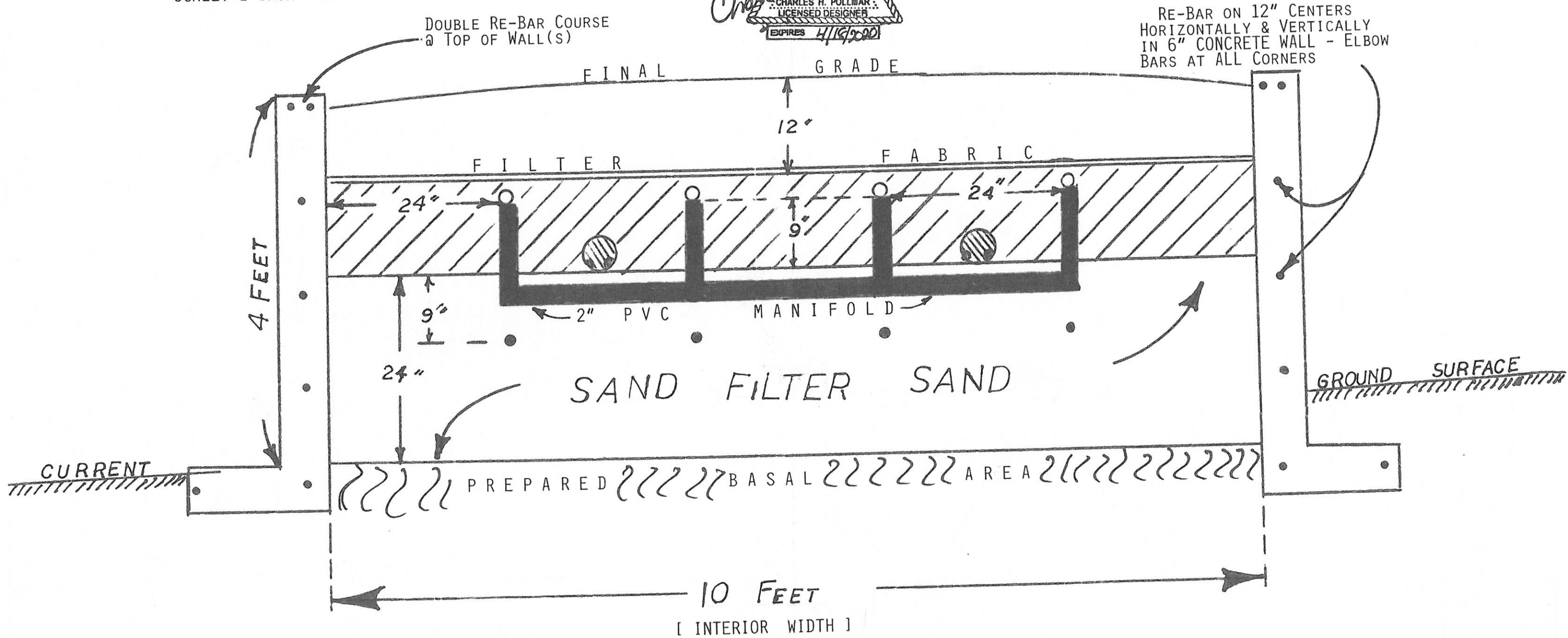
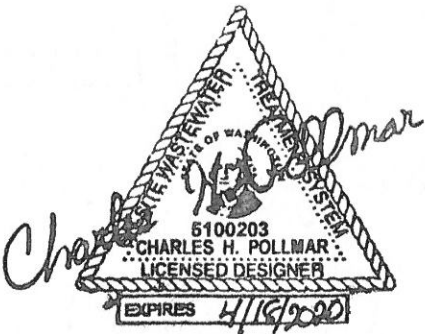
SCALE: 1 INCH = 1 FOOT

 = 7/8" WASHED GRAVEL

○ = 1 1/4" PVC LATERAL

● = 1" FORCED AIR (ACTIVE) PIPING

 = 4" PVC VENTILATION PIPING (PASSIVE)



LYTLE

ROAD

NE

PAVEMENT

EDGE

ELE. 52

ELE. 50

65.69'

ELE. 49

ELE. 49

ELE. 47½

ELE. 47½

SLEEVED WATER-LINE FOLLOWS PROPERTY LINE

DRIVEWAY

POWER POLE

SL 2

(A)

SL 1

ELE. 48

ELE. 47½

CANTILEVER

10'

2 BEDROOM

RESIDENCE
(FOUNDATION - AS STAKED)

CANTILEVER

10'

WETLAND FLAG

ELE. 44

* NOTE:
IF THE TANKS ARE LOCATED BENEATH THE DRIVEWAY OR PARKING AREA SURFACES, THEY MUST BE SPECIALLY REINFORCED FOR THIS PURPOSE AND ALL LIDS MUST BE SURROUNDED BY STEEL COLLARS W/ MANHOLE COVERS.

MANHOLES & COLLARS MUST BE AT LEAST 30" IN DIAMETER, IN ORDER TO ACCESS THE 24" DIAMETER RISERS OVER THE SEPTIC TANK LIDS.

131.59' RADIUS

ELE. 41

SCALE: 1 INCH = 10 FEET

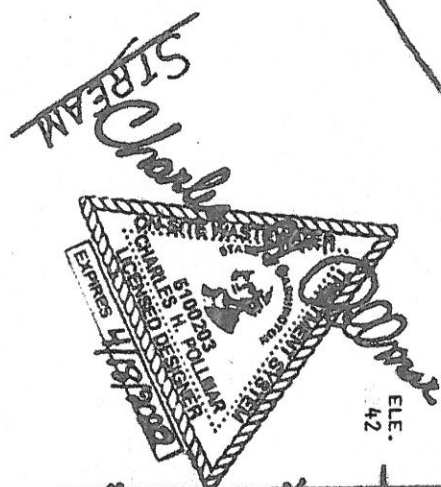
KEY:

- (1) = 1150 GALLON, CONCRETE, 2 COMPARTMENT, SEPTIC TANK W/ SCREENED OUTLET BAFFLE (*)
- (2) = 1250 GALLON, CONCRETE, PUMP TANK W/5' PVC PUMP VAULT*
- (3) = 2" SCHEDULE 40 PVC TRANSPORT PIPE

SEASONAL

30'

- (A) = 11' X 41' CONCRETE, BOTTOMLESS SAND FILTER, RECEPTACLE [10' X 40' INTERIOR DIMENSIONS]



CHERRY

ELE. 42½

140.83'

27" MAPLE

FENCE LINE

FENCE

100'

WELL

65.00

ELE. 40

ELE. 42

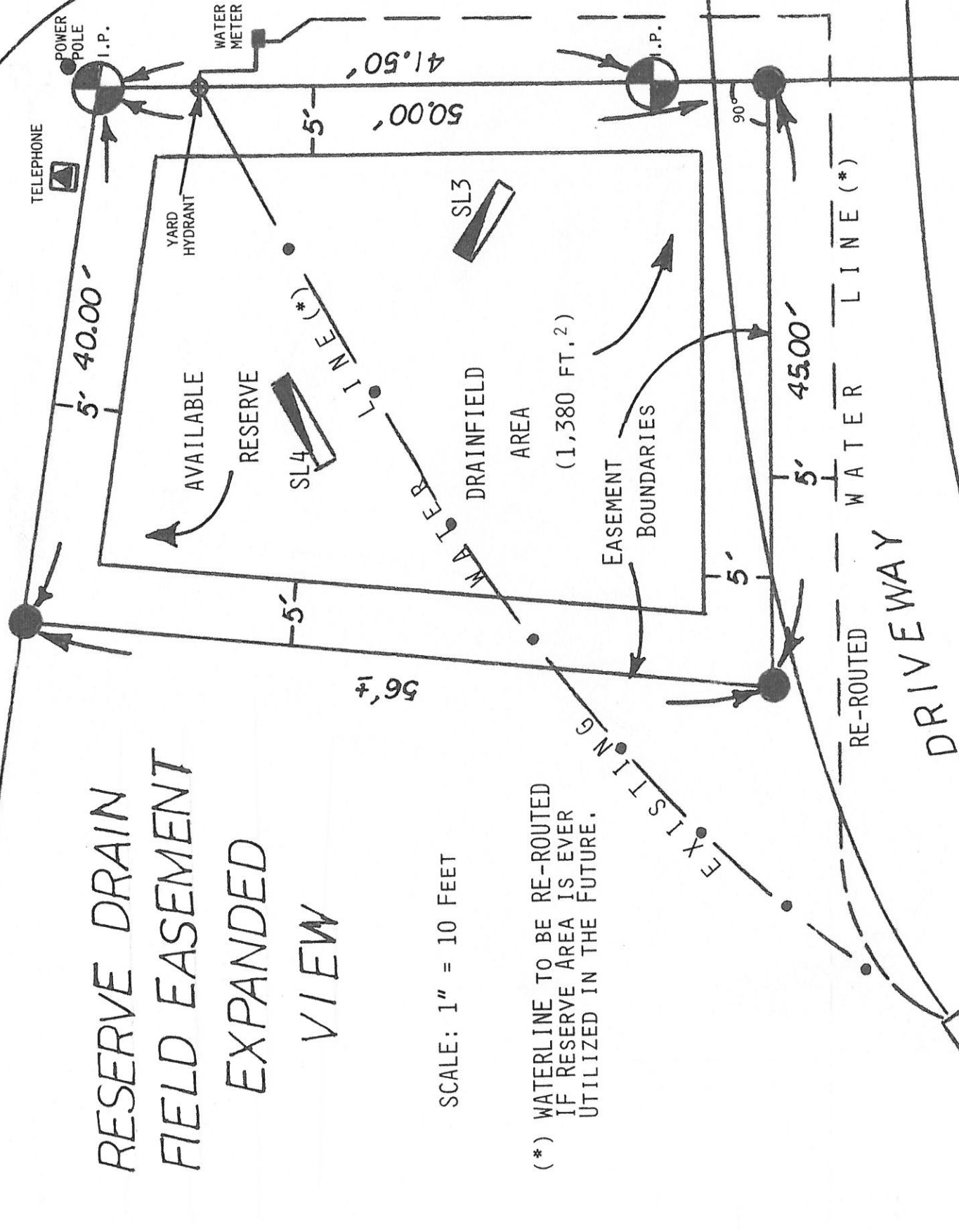
NE BECK ROAD

EDGE OF PAVEMENT

RESERVE DRAIN FIELD EASEMENT EXPANDED VIEW

SCALE: 1" = 10 FEET

(*) WATERLINE TO BE RE-ROUTED
IF RESERVE AREA IS EVER
UTILIZED IN THE FUTURE.



NOTE:

EASEMENT DIMENSIONS "APPEAR" TO BE LARGER THAN NECESSARY. THE REASON FOR THIS IS THAT THE ACTUAL DISPOSAL COMPONENT MUST NOT ONLY MAINTAIN A 5 FOOT SETBACK FROM THE PROPERTY LINES (LYTLE & BECK ROAD RIGHT OF WAYS), BUT ALSO FROM THE "LINES" OF THE EASEMENT OR EASEMENT BOUNDARIES.

THE LEGAL DESCRIPTION OF THIS EASEMENT MAY BE DISCERNED AND EXTRAPOLATED FROM THIS DIAGRAM AND THE DISTANCES SHOWN.



NE BECK ROAD

40'

OVERALL
VIEW

SCALE: 1" = 30 FEET

250.45'

96.00'

EXISTING
DRAINFIELD
&
RESERVE
AREA

PROPOSED
RESERVE
DRAIN FIELD
AREA
EASEMENT
(2,250 ft.²) ±
SL₄
SL₃
WATER
METER
I.P.

DRIVEWAY

EXISTING
RESIDENCE

DECK

253.12'

SUBJECT
PROPERTY

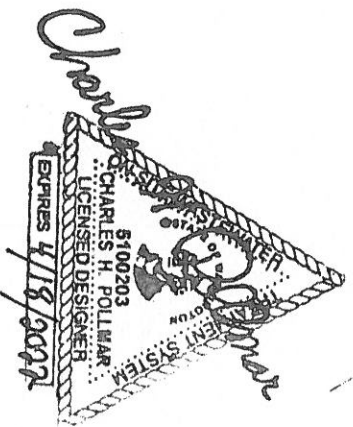
LYTLE ROAD NE

65.69'

140.83'

65.00'

40'



COMPOSITE SAND FILTER RECEPTACLE

CROSS-SECTIONAL VIEW

[LENGTHWISE]

SCALE: 1 INCH = 2 FEET

(NOT TO SCALE)

41 FEET

SOUTH END
OF
RECEPTACLE

NORTH END
OF
RECEPTACLE

27" BELOW
GRADE

CURRENT

GROUND

SURFACE

PREPARED BASAL AREA

40" LEVEL

APPROX.

RESTRICTIVE

SUBSOIL

W/ROOT PENETRATION

(MAY BE DEEPER)

6" BELOW
GRADE

48"

6"

33"

39"

13"

19"

21"

24"



CONCRETE BOTTOMLESS SAND FILTER RECEPTACLE AND GRAVEL BED OVERVIEW

SCALE: 1" = 3 FEET

SPECIFICATIONS:

- 1.) BASAL ABSORPTION AREA = 400 SQ.FT.
(10' x 40') / 240 GPD CAPACITY
- 2.) 6" REINFORCED, CONCRETE RECEPTACLE
11' x 41' OUTSIDE DIMENSIONS (EXCLUDING
FOOTING)
10" x 40' INTERIOR DIMENSIONS (BASAL AREA)
- 3.) 8 - 1 1/4" x 19 FOOT PVC LATERALS
- 4.) 80 - 3/16" DIAMETER ORIFICES
(10 PER LATERAL)
- 5.) ORIFICE SPACING: 24" INTERVALS
- 6.) ORIFICE POSITION = 6:00 (DOWNWARD)
EXCEPT END ORIFICES, WHICH ARE TO BE AT 12:00
POSITION (UPWARD) w/ORIFICE SHIELDS

NOTE:

ORIFICES ARE DEPICTED AS "CROSS-BARS"
ON THE LATERALS FOR ILLUSTRATIVE
PURPOSES ONLY!

ALL PIPING IS TO BE SCHEDULE 40 PVC

