

Water Supply and/or Sewage Disposal System Construction Permit

Commonwealth of Virginia
Department of Health

Henrico County

Health Department

Health Department
Identification Number _____
Map Reference _____

General Information

Water Supply System: New Repair _____ Public _____ FHA _____ VA _____ Case No. _____

Sewage Disposal System: New Repair _____ Expanded _____ Conditional _____ Public _____

Based on the application for a sewage disposal system construction permit filed in accordance with Section 2.13 E, of the Public Health Regulations and/or Section 2.13 of the Private Well Regulations a

[REDACTED] Lot _____ Actual or estimated water use 1450 gal

DESIGN

NOTE: SEWAGE DISPOSAL SYSTEM INSPECTION RESULTS

Water supply, existing: (describe) N/A

Water supply location: Satisfactory yes no
comments _____

To be installed: class IIB

Completion Report _____

cased 50 min. grouted 50 min.

G. W. 2 Received: yes no not applicable

Building sewer: 3"-4" I.D. PVC Schedule 40, or equivalent.

Building sewer: yes no comments _____

Slope 1.25" per 10' (minimum).

Satisfactory Sewer Line Not Installed

Other

Septic tank: Capacity 100 gals. (minimum).

Pretreatment unit: yes no comments _____

Other

Satisfactory

Inlet-outlet structure: PVC Schedule 40, 4" tees or equivalent.

Inlet-outlet structure: yes no comments _____

Other

Satisfactory

Pump and pump station: No Yes describe and show design.

Pump & pump station: yes no comments _____

if yes: * See Attached Detail

Satisfactory

Gravity mains: 3" or larger I.D., minimum 6" fall per 100', 1500 lb. crush strength or equivalent.

Conveyance method: yes no comments _____

Other

Satisfactory

Distribution box: Precast concrete with 6 ports.
 Other Also install 3 port stilling box

Distribution box: yes no comments _____

Satisfactory

Header lines: Material: 4" I.D. 1500 lb. crush strength plastic or equivalent from distribution box to 2' into absorption trench. Slope 2" minimum.

Header lines: yes no comments _____

Satisfactory

Other

Percolation lines: Gravity 4" plastic 1000 lb. per foot bearing load or equivalent, slope 2" 4" (min. max.) per 100'.

Percolation lines: yes no comments _____

Satisfactory

Other

Absorption trenches: Square ft. required 1245 depth from ground surface to bottom of trench 18" aggregate size 1"-1 1/2"
Trench bottom slope 2"-4" per 100'
center to center spacing 9'; trench width 3'
Depth of aggregate 13"
Trench length 83'; Number of trenches 5

Absorption trenches: yes no comments _____

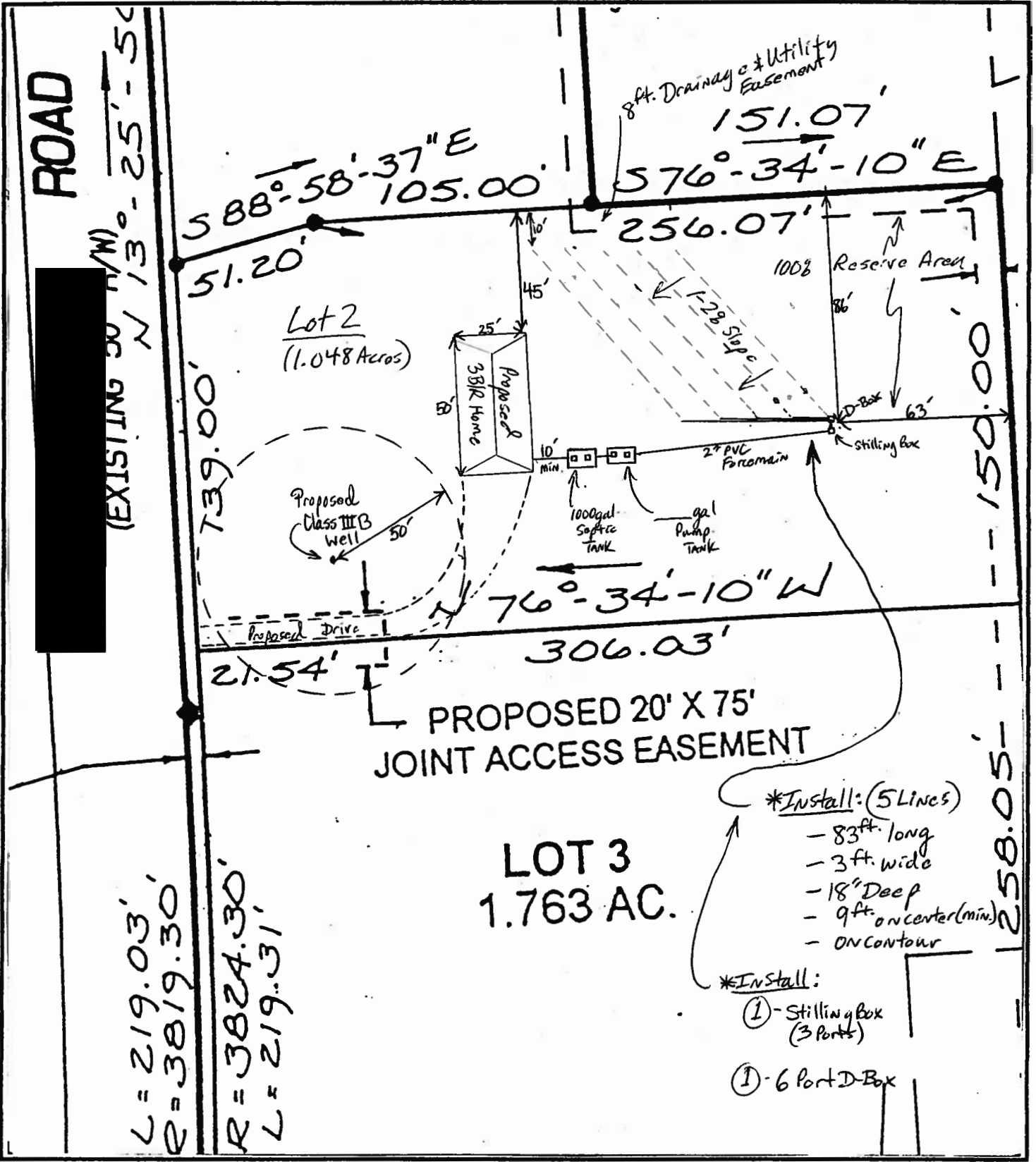
Satisfactory

Date 5/12/00 Inspected and approved by: _____

Sanitarian



CONSTRUCTION DRAWINGS



ROAD

(EXISTING 30' W/W) 13°-25'-50"

588°-58'-37" E 105.00'
51.20'

8ft. Drainage & Utility Easement
151.07'
576°-34'-10" E
256.07'

Lot 2
(1.048 Acres)

Proposed
3BR Home

Proposed
Class III B
Well

1000gal
Softie
TANK

921
Pump
TANK

100% Reserve Area

Stilling Box

2" PVC Foremain

76°-34'-10" W
306.03'

PROPOSED 20' X 75'
JOINT ACCESS EASEMENT

LOT 3
1.763 AC.

L = 219.03'
E = 3819.30'
R = 3824.30'
L = 219.31'

- *Install: (5 Lines)
 - 83ft. long
 - 3ft. wide
 - 18" Deep
 - 9ft. on center (min.)
 - ON contour

- *Install:
 - ① - Stilling Box (3 Ports)
 - ① - 6 Port D-Box

Date: 9/15/99

Scale: 1" = 50ft.