

REVISED PLAN

Weaver Acres
Lot 58
Septic Proposal

Scale: 1" = 30'

UPSLOPE INTERCEPTOR DRAIN
(SEE DRAINAGE DETAIL)

SOLID PIPE (4" - 6")
INSTALL WITH 4" OF FALL

* Maintain setbacks to all parts of septic system:
5 ft - all structures
10 ft - waterlines
50 ft - ANY wells

SURFACE OUTLET APPROXIMATELY 5" ABOVE DITCH BOTTOM OR 15" BELOW OUTLET

Wastewater Treatment System
--2 Bedroom Home: 240 gal/day flow rate
--1000 gal septic tank (new) (minimum)
--1000 gal pump tank (minimum)
-- >18" soil wetness condition

Initial-Anaerobic Drip System

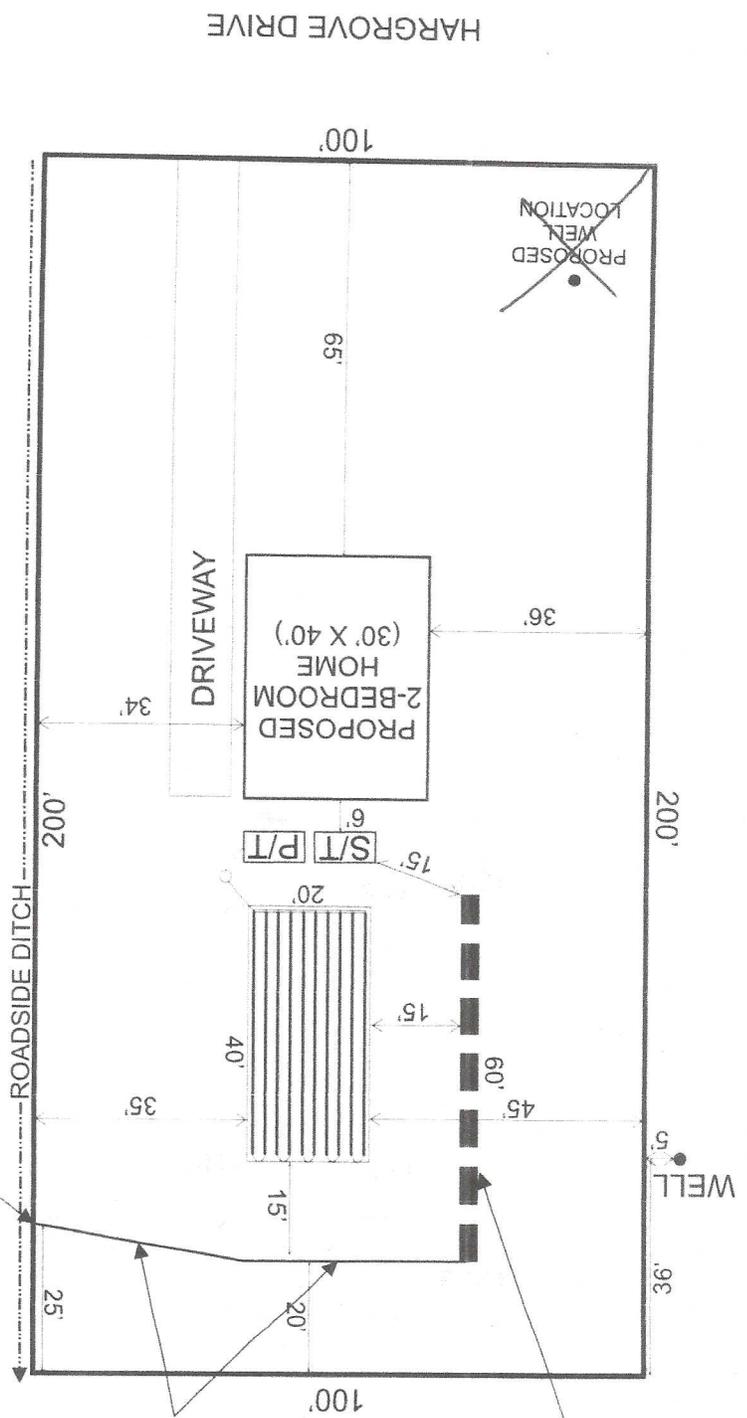
- 0.3 gal/day/sq ft LTAR
- 240/0.3 = 800 sq ft
- 800 sq ft/2' spacing = 400 linear feet
- 10' x 40' runs on 2' centers
- 20' x 40' drip area
- Install approximately 2" into existing soil surface
- Install on contour with 6" cap over system area
- 7" to 8" trench bottoms after finished grade
- System area flagged with pink pin flags

Repair - Exempt

FRONT BUILDING SETBACK BASED ON SEPTIC PERMIT PREVIOUSLY ISSUED BY THE NEW HANOVER COUNTY HEALTH DEPT.



NEEDHAM ENVIRONMENTAL, INC.

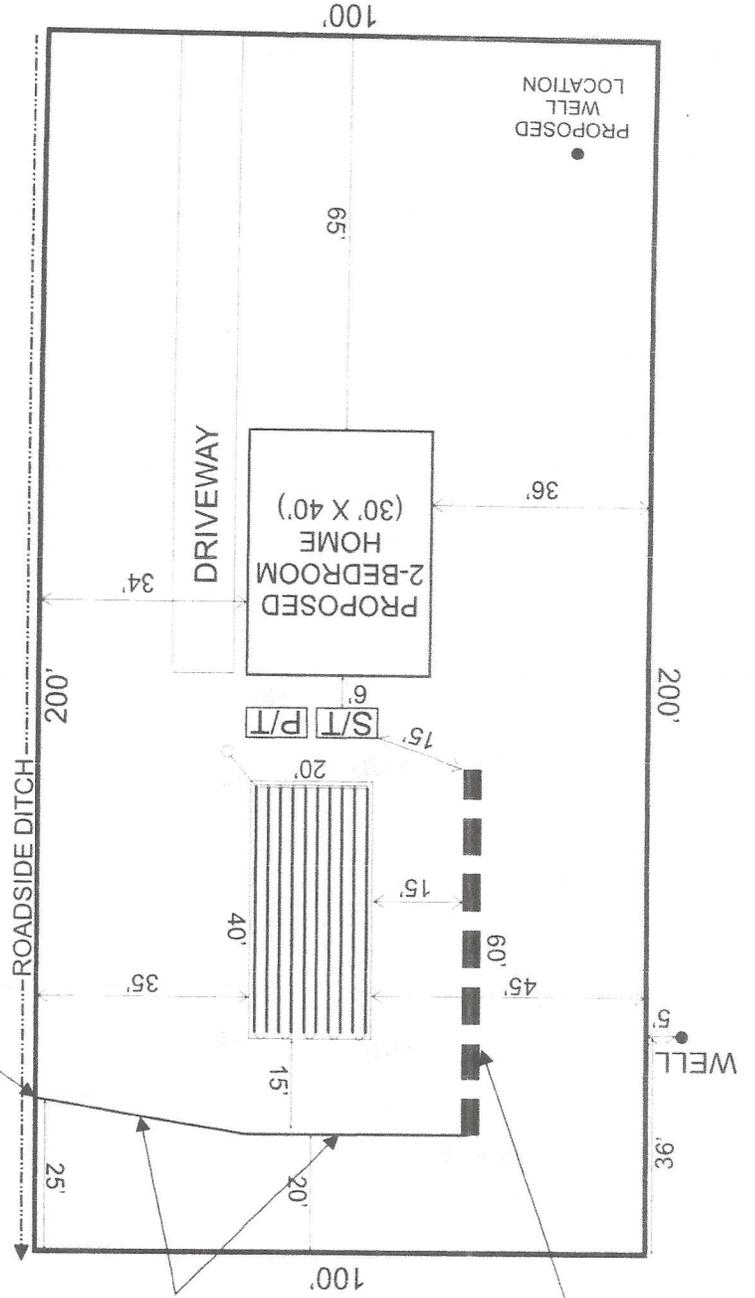


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UPSLOPE INTERCEPTOR DRAIN
 (SEE DRAINAGE DETAIL)

SOLID PIPE (4" - 6")
 INSTALL WITH 4" OF FALL



SURFACE OUTLET APPROXIMATELY 5"
 ABOVE DITCH BOTTOM OR 15" BELOW OUTLET

Wastewater Treatment System

- 2 Bedroom Home: 240 gal/day flow rate
- 1000 gal septic tank (new) (minimum)
- 1000 gal pump tank (minimum)
- >18" soil wetness condition

Initial - Anaerobic Drip System

- 0.3 gal/day/sq ft LTAR
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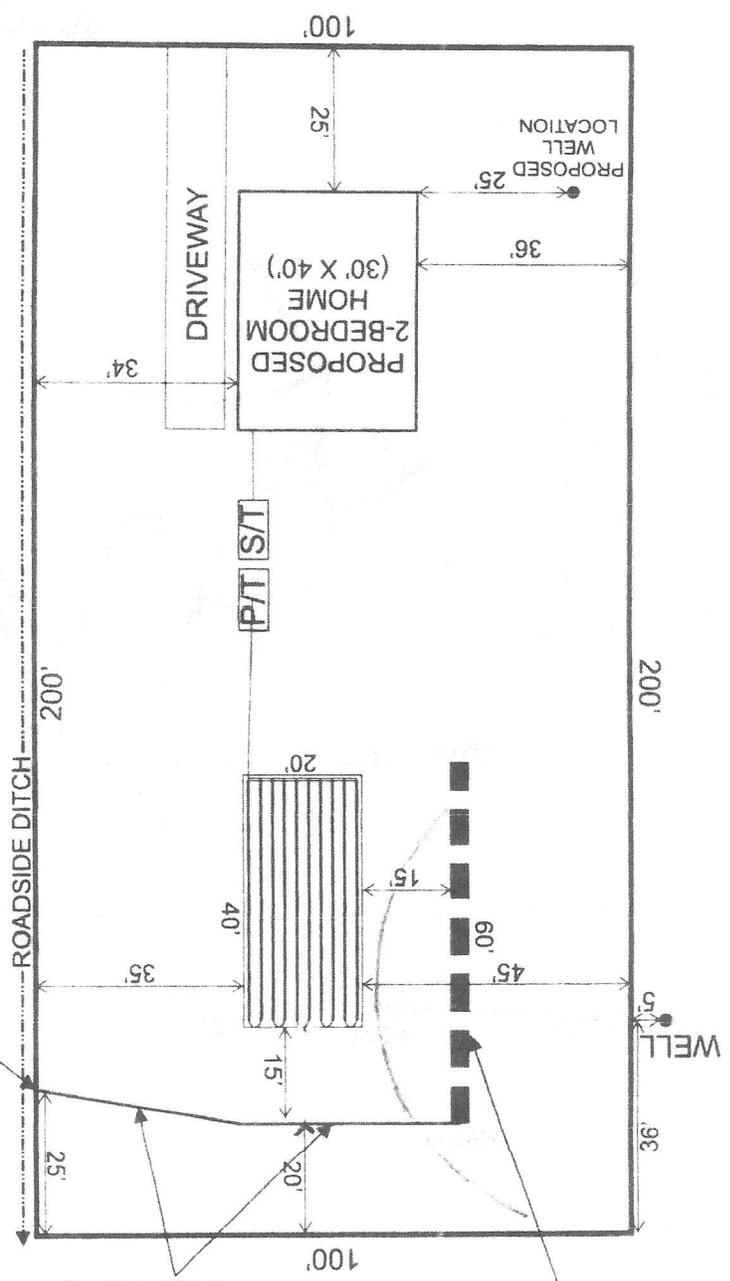


Weaver Acres
 Lot 58
 Septic Proposal
 Scale: 1" = 30'

8-022 9/22/11
 M. Hargrove
 M.E.S.

UPSLOPE INTERCEPTOR DRAIN
 (SEE DRAINAGE DETAIL)

SOLID PIPE (4" - 6")
 INSTALL WITH 4" OF FALL



SURFACE OUTLET APPROXIMATELY 5"
 ABOVE DITCH BOTTOM OR 1'5" BELOW OUTLET

Wastewater Treatment System
 --2 Bedroom Home; 240 gal/day flow rate
 --1000 gal septic tank (new) (minimum)
 --1000 gal pump tank (minimum)
 -- >18" soil wetness condition

Initial - Anaerobic Drp System
 -- 0.3 gal/day/ sq ft LTA
 -- 240/0.3 = 800 sq ft
 -- 800 sq ft/2' spacing = 400 linear feet
 -- 10 x 40' runs on 2' centers
 -- 20' x 40' drip area

Install approximately 2" into existing soil surface
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