



MARION COUNTY PUBLIC WORKS  
BUILDING INSPECTION DIVISION  
5155 Silverton RD NE  
Salem OR 97305  
(503) 588-5147 Fax (503) 588-7948  
<http://publicworks.co.marion.or.us/building/>

## STAKEOUT PROCEDURE

### PURPOSE:

Septic system stakeouts are required on lots meeting one or more of the following criteria:

1. Where there is very limited area available on the property and it is difficult to determine if there is sufficient area to install an initial septic system and space for a future repair system. This includes small lots and lots where required setbacks for septic systems leave limited area for drainfield placement.
2. Where there is very irregular terrain on the property and it is difficult to determine if there is sufficient area to install a septic system.
3. Where the approved soil feasibility test pit locations are suspect or have been altered.
4. Where the approved soil investigation boundaries are suspect or have been altered.

### PROCEDURE:

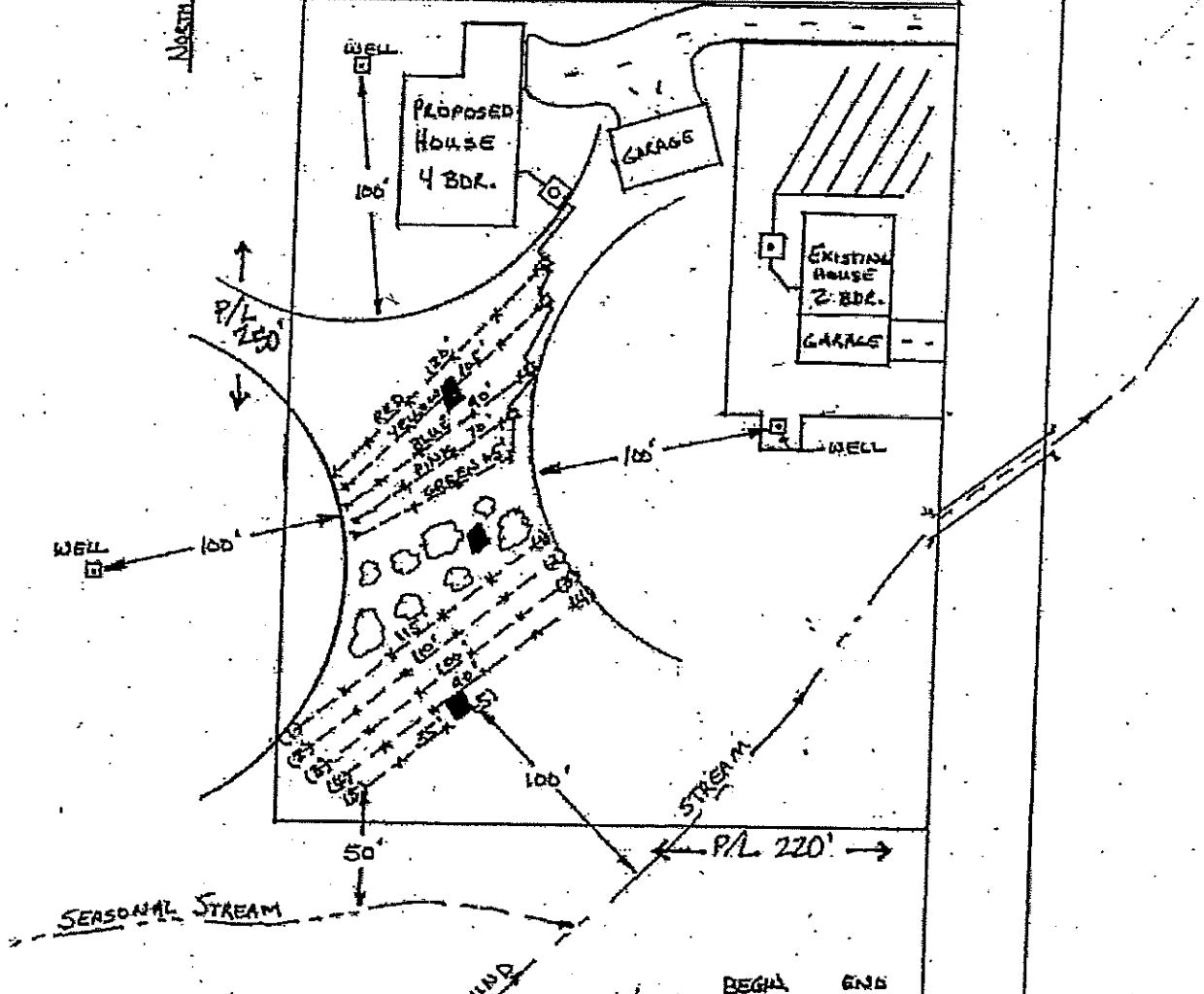
1. Use a transit or builders level to establish equal elevation points of each initial drainfield lateral and each repair drainfield lateral. Lines must follow the natural ground contour to find equal elevation points.
2. Drive stakes at approximately 25 feet intervals for each initial drainfield lateral and each repair drainfield lateral. Stakes in each line must follow the contour of the slope.
3. Accurately record the beginning elevation and the ending elevation of each original drainfield lateral and of each repair drainfield lateral. Any difference in elevation along the lines must conform to the trench depth allowance determined in the site approval.
4. Color-code or number the stakes in each initial drainfield lateral and each repair drainfield lateral.
5. Stake the corner points of the proposed buildings. Stake the 100-foot arc around all nearby wells. Color-code or number the stakes accordingly.
6. Submit a detailed scale-drawn plot plan of the field stakeout to the Marion County Building Inspection for review.

**SEE THE EXAMPLE SITE PLAN ON THE REVERSE SIDE OF THIS PAGE**

--- DIAGRAM ---

NAME : \_\_\_\_\_  
 SITE ADDRESS : \_\_\_\_\_  
 ACTIVITY NUMBER : \_\_\_\_\_

- EXAMPLE SITE PLAN FOR STAKEOUT REVIEW -



SCALE 1" = 60'  
 [Symbol] = Test Pit

	LINE	BEGN ELEV.	END ELEV.
ORIGINAL AREA	RED	58	50
	YELLOW	55	55.3
	BLUE	61	61.7
	PINK	62.5	62.6
	GREEN	64	64.2
REPLACEMENT AREA	1	82.2	81.9
	2	84.1	84.6
	3	85.6	85.8
	4	87.1	87.7
	5	89.2	89.5