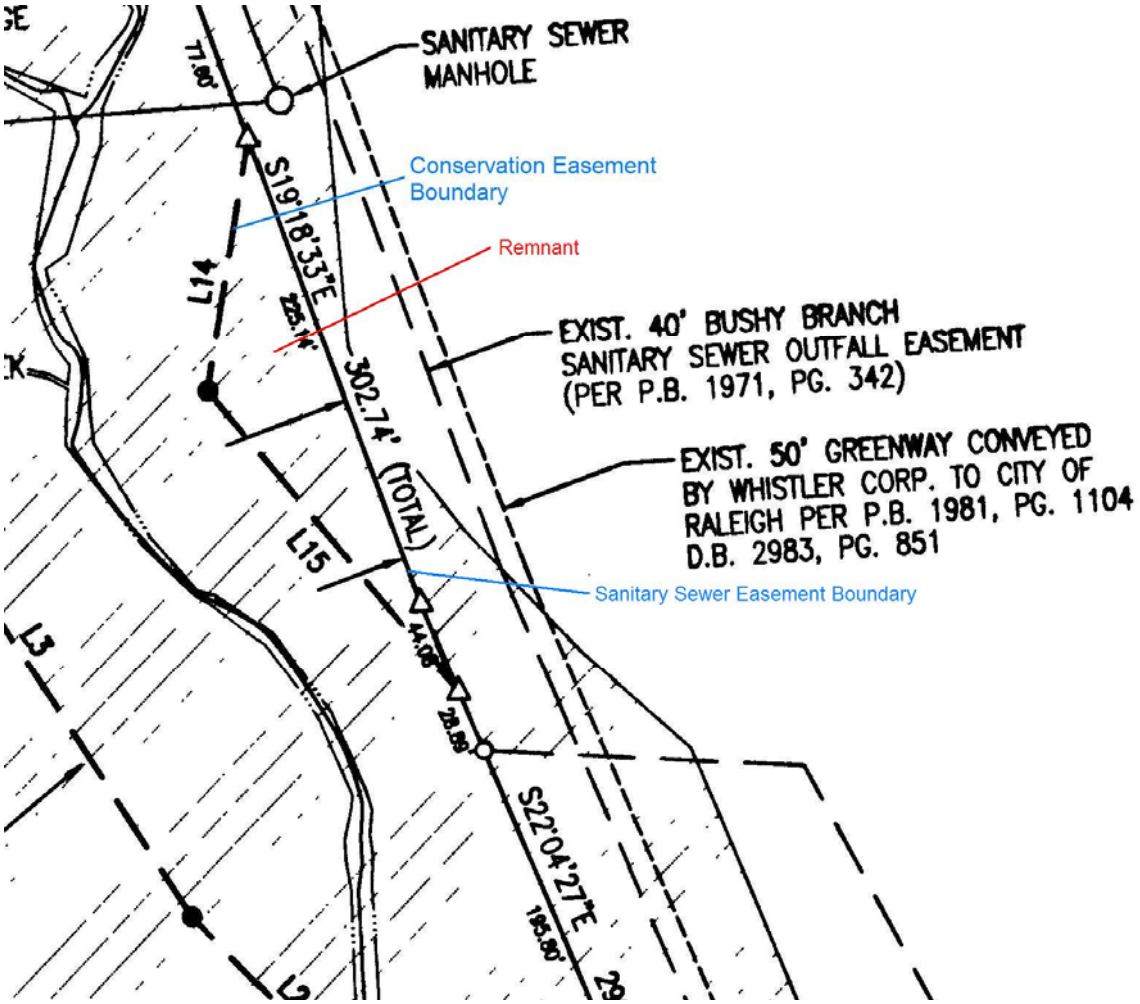
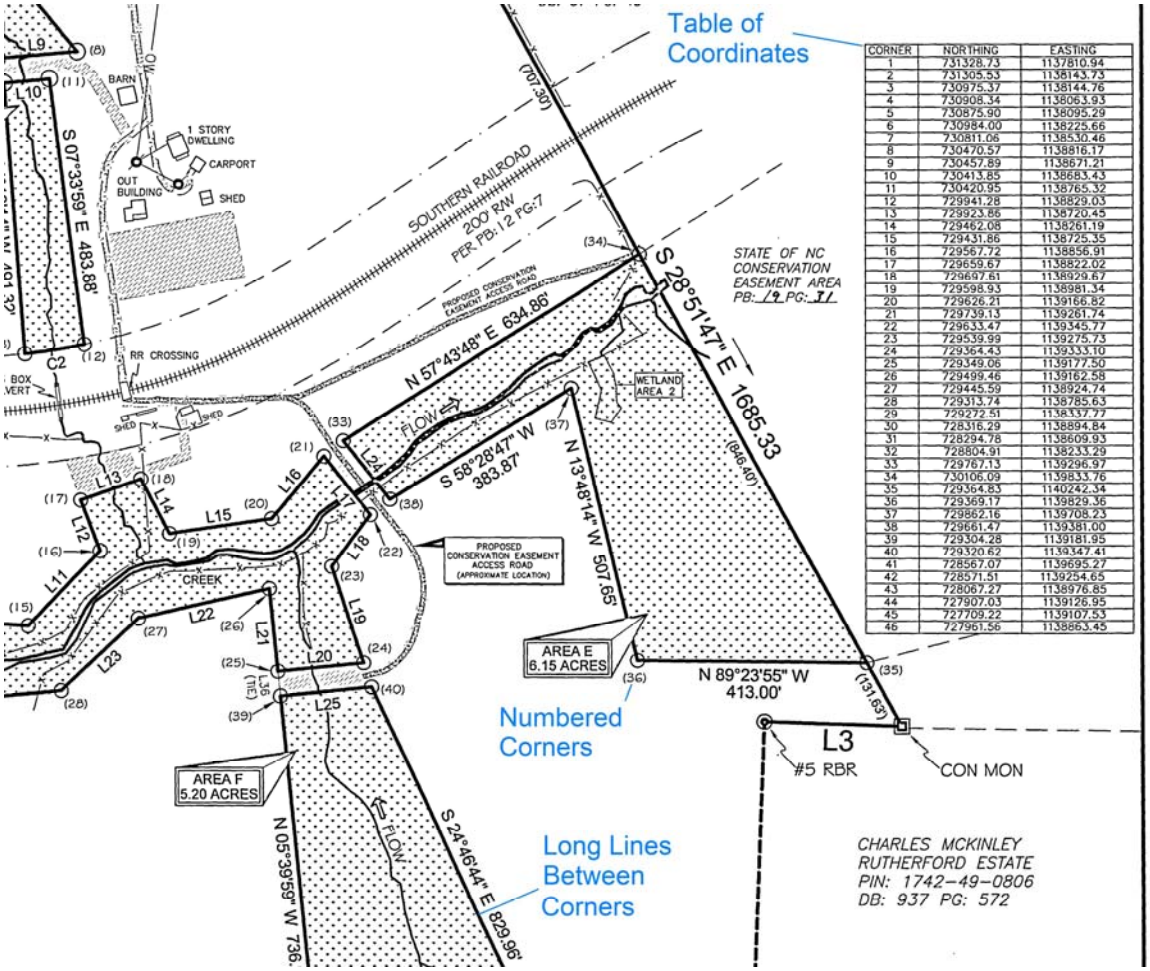
Easement and Boundary Design



In the plat shown above, a triangular shaped remnant property was the result of not "snapping" the Conservation Easement boundary to the Sanitary Sewer Easement boundary. Marking and enforcement would have been much easier if the two boundaries had been contiguous.



CORNER	NORTHING	EASTING
1	731328.73	1137810.94
2	731305.53	1138143.73
3	730975.37	1138144.76
4	730908.34	1138063.93
5	730875.90	1138095.29
6	730984.00	1138225.66
7	730811.06	1138530.46
8	730470.57	1138816.17
9	730457.89	1138671.21
10	730413.85	1138683.43
11	730420.95	1138765.32
12	729941.28	1138829.03
13	729923.86	1138720.45
14	729462.08	1138261.19
15	729431.86	1138725.35
16	729567.72	1138856.91
17	729659.67	1138822.02
18	729697.61	1138929.67
19	729598.93	1138981.34
20	729626.21	1139166.82
21	729739.13	1139261.74
22	729633.47	1139345.77
23	729539.99	1139275.73
24	729364.43	1139333.10
25	729349.06	1139177.50
26	729499.46	1139162.58
27	729445.59	1138924.74
28	729313.74	1138785.63
29	729272.51	1138337.77
30	728316.29	1138894.84
31	728294.78	1138609.93
32	728804.91	1138233.29
33	729767.13	1139296.97
34	730106.09	1139833.76
35	729364.83	1140242.34
36	729369.17	1139829.36
37	729862.16	1139708.23
38	729661.47	1139381.00
39	729304.28	1139181.95
40	729320.62	1139347.41
41	728567.07	1139695.27
42	728571.51	1139254.65
43	728067.27	1138976.85
44	727907.03	1139126.95
45	727709.22	1139107.53
46	727961.56	1138863.45

A Table of Coordinates is required for all projects. It makes locating and/or replacing corners much easier.

Survey and Boundary Marking

Examples of EEP boundary marking Remove plastic backing from sign before attaching to tree. 3 1/2 inch aluminum nails with 1/2 inch nail exposed. Use forestry paint and mark trees where appropriate.	
<u>T Post Corner Witness Stake</u> 6' length installed to depth of 24”. Top 6" of t-bar is painted with yellow paint. Remove plastic backing from sign before attaching to post. Install at every corner located on the plat and at not less than 250 foot intervals for lines exceeding 500 feet where there are no trees to paint along the line.	

U-channel post

2 lbs/foot, galvanized, u-channel post, 6 feet in length with 3/8” diameter holes punched on 1” centers.

Top 6" should be painted in yellow paint.

Install witness posts plumb and to a depth of 2 feet.

Install a sign on each witness post using 3/8” aluminum drive rivets.

Remove plastic backing from sign before attaching to post.

The links below are not an endorsement of the vendors; they are used here for illustrative purposes only. Products are readily available from other vendors.

The posts can be seen at: http://matlacksales.com/u-channel_posts.htm

The drive rivets can be seen at: http://www.911signs.com/hardware-fasteners.php

Square Steel Post

1.75” x 1.75” 14 gauge, galvanized, square steel post, 6 feet in length with 7/16” diameter holes punched on 1” centers, all four sides.

Install witness posts plumb and to a depth of 2 feet.

Install a sign on each witness post using 3/8” aluminum drive rivets.

Remove plastic backing from sign before attaching to post.

The links below are not an endorsement of the vendors; they are used here for illustrative purposes only. Products are readily available from other vendors.

The posts can be seen at: http://www.matlacksales.com/Northwest%20Pipe.htm

The drive rivets can be seen at: http://www.911signs.com/hardware-fasteners.php

Sign Specifications

Example from Voss Signs #141557
material: aluminum
gauge: .032
size: 6" x 6"
background color: coated chrome yellow
print color: black
mounting holes: 2 holes center top and bottom 3/8" diameter 6" on center and 2 holes center top and bottom 3/16" diameter 7 3/8" on center
round corners: 1/4" radius

Bollard examples