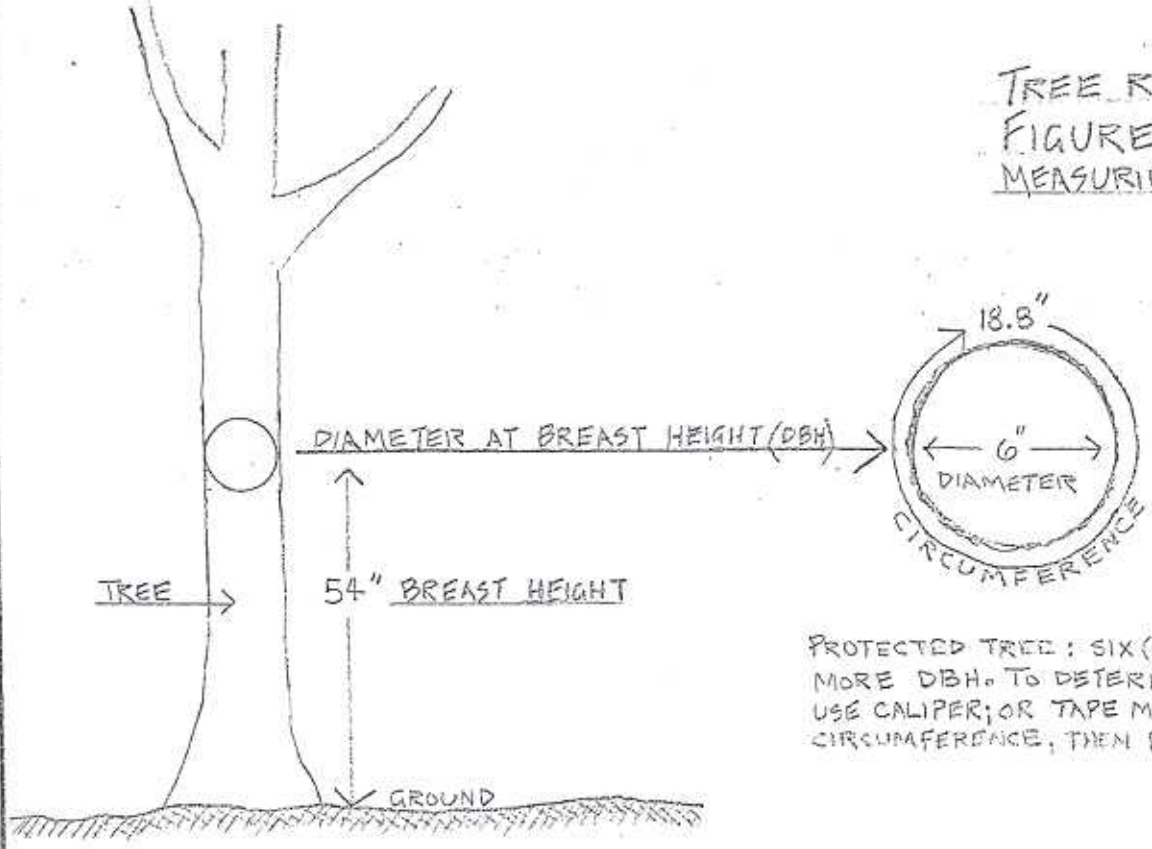
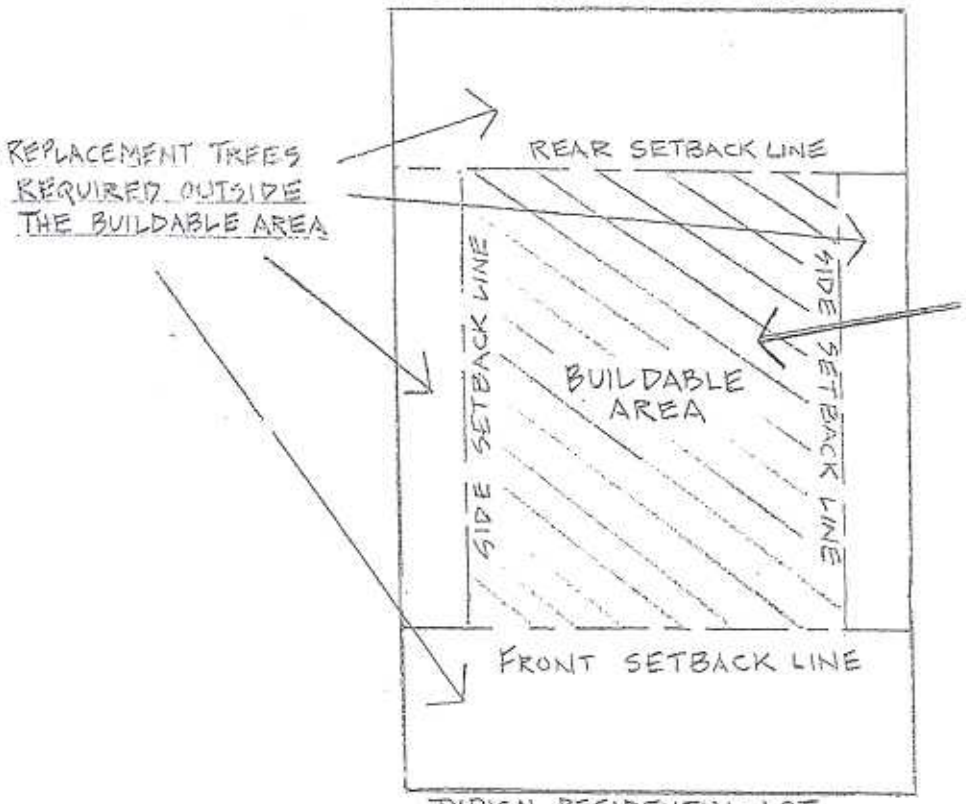
TREE REMOVAL
FIGURE 1
MEASURING DBH



PROTECTED TREE: SIX (6) INCHES OR MORE DBH. TO DETERMINE DIAMETER USE CALIPER; OR TAPE MEASURE TO FIND CIRCUMFERENCE, THEN DIVIDE BY 3.14.

TREE REMOVAL
FIGURE 2
BUILDABLE AREA



TYPICAL RESIDENTIAL LOT
SINGLE-FAMILY OR DUPLEX DWELLINGS ONLY

TREE CALCULATIONS

					Sand Pines
6"	/2 = 3	r2 = 3 x 3 = 9	3.14 x 9 = 28.26/10 =	2.8	1.4
7"	/2 = 3.5	r2 = 3.5 x 3.5 = 12.25	3.14 x 12.25 = 38.47/10 =	3.9	1.9
8"	/2 = 4	r2 = 4 x 4 = 16	3.14 x 16 = 50.24/10 =	5.0	2.5
9"	/2 = 4.5	r2 =4.5 x 4.5 = 20.25	3.14 x 20.25 = 63.59/10 =	6.4	3.2
10"	/2 = 5	r2 = 5 x 5 = 25	3.14 x 25 = 78.50/10 =	7.9	3.9
11"	/2 = 5.5	r2 = 5.5 x 5.5 = 30.25	3.14 x 30.25 = 94.99/10 =	9.5	4.7
12"	/2 = 6	r2 = 6 x 6 = 36	3.14 x 36 = 113.10/ 10 =	11.3	5.7
13"	/2 = 6.5	r2 = 6.5 x 6.5 = 42.25	3.14 x 42.25 = 132.7/10 =	13.3	6.6
14"	/2 = 7	r2 = 7 x 7 = 49	3.14 x 49 = 153.9/10 =	15.4	7.7
15"	/2 = 7.5	r2 = 7.5 x 7.5 =56.25	3.14 x 56.25 = 176.63/10 =	17.7	8.8
16"	/2 = 8	r2 = 8 x 8 = 64	3.14 x 64 = 200.96/10 =	20.1	10.0
17"	/2 = 8.5	r2 = 8.5 x 8.5 = 72.25	3.14 x 72.25 = 226.87/10 =	22.7	11.3
18"	/2 = 9.0	R2 = 9.0 X 9.0 = 81.00	3.14 x 81.00 = 254.34/10 =	25.43	12.7
19"				28.33	14.2
20"				31.4	
21"					
22"				37.99	

SPECIMEN TREES

Common Name	*Botanical Name*	*DBH*
Turkey Oak	(Quercus leavis)	12 inches and larger
Other Oak species	(Quercus spp.)	18 inches and larger
Maple	(Acer spp.)	18 inches and larger
Sweet Gum	(Liquidambar styraciflua)	18 inches and larger
Hickory	(Carya spp.)	18 inches and larger
Elm	(Ulmus spp.)	18 inches and larger
Loblolly Bay	(Gordonia lasianthus)	12 inches and larger
Sweet Bay	(Magnolia virginiana)	12 inches and larger
Red Bay	(Persea borbonia)	12 inches and larger
Swamp Bay	(Persea palustris)	12 inches and larger
Sycamore	(Platanus occidentalis)	18 inches and larger
Magnolia	(Magnolia grandiflora)	12 inches and larger