

TIMBER HARVEST PLAN

ON THE

PROPERTY OWNED BY

P.H. CRAIG, JR
ORANGE COUNTY PIN 9779735052

CHAPEL HILL
ORANGE COUNTY, NORTH CAROLINA

JUNE 7, 2018

WILLIAM M. DRYMAN
NORTH CAROLINA REGISTERED FORESTER #1155
BERNARD & DRYMAN CONSULTING FORESTRY, INC.
(336)364-9203

PURPOSE OF REPORT

The main purpose of this report is to provide information to the landowner and the town of Chapel Hill on a proposed timber harvest within the town's jurisdiction.

IDENTIFICATION AND LOCATION OF THE PROPERTY

This property is located in the Chapel Hill Township of Orange County, North Carolina. It is located on the south side of Seawell School Road between the Ironwoods subdivision and the railroad tracts. The Orange County Parcel Number is 9779735052.

GENERAL DESCRIPTION OF THE PROPERTY

There are a total of about 3.5 acres in this property, of which approximately 1.6 acres are in the proposed timber harvest area. The topography is level to moderately sloping. There is a stream that runs through the property. All of the soils are very good for timber management.

DISCUSSION OF TIMBER HARVEST AREA

The timber harvest area consists of primarily mature pine with some scattered hardwood. The timber in this area is in excess of 80 years of age. Current stand density averages 198 trees per acre. Diameters in the area are between 6 and 26 inches DBH (diameter breast height). The following species make up the primary species composition of the area:

Loblolly Pine	Shortleaf Pine	Virginia Pine
Sweetgum	Hickory	Poplar
Red Oak	White Oak	Maple

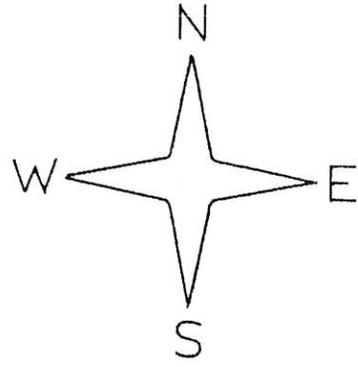
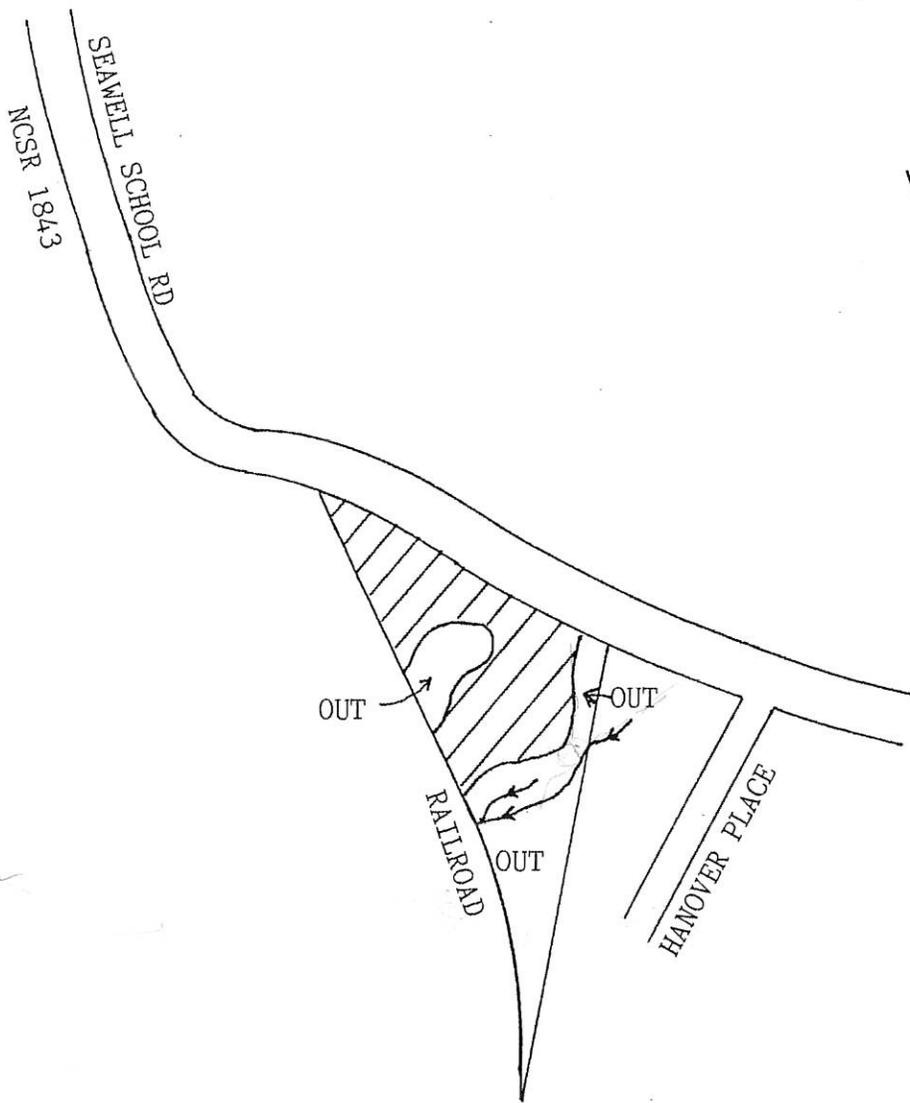
Current growth rates are slow, primarily due to the age and density of the stand. The overall health of the trees is fair and some signs of decline are present. The higher stand density is more than is desired, which can result in stress on the pines, making them more susceptible to pine beetle infestations. There is also evidence of root rot in some of the pine. It is recommended that this stand be clearcut harvested and reforested with loblolly pine.

STREAMSIDE MANAGEMENT ZONES

These areas are setup to protect the integrity and quality of the waterways that flow through a property. These buffers will parallel each side of a waterway with a minimum width of 30 feet. The hardwood timber being left along the stream on this property will be in excess of 50 feet in width. There will be no need for any crossing of this stream as a part of the timber harvest.

REGULATIONS AND GUIDELINES

There are regulations effecting how timberland is harvested and managed. Most of these regulations deal with water quality and erosion. The harvest of this timber should follow the Best Management Practices as set forth by the North Carolina Forest Practice Guidelines. This property is with the Jordan Lake Watershed and all rules and regulations pertaining to timber harvest within this area must be followed.



 CLEARCUT HARVEST AREA ±1.6 ACRES

 STREAM

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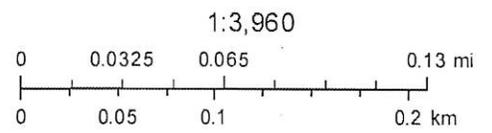
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TIMBER LAND MANAGERS

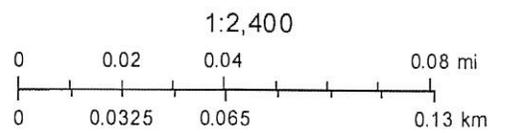
P.H. CRAIG, JR.

LOCATION ORANGE COUNTY
 DATE 6-4-2018 SCALE 1"=660' BY WMD

Orange County



Orange County



SOIL TYPES

These soil types are well suited for woodland management. Erosion and equipment limitations are the biggest concerns during management activities. Loblolly pine is the recommended species for planting.



EnB Enon Loam, 2-6% Slopes
Well drained
Slight erosion hazard

EnC Enon Loam, 6-10% Slopes
Well drained
Slight erosion hazard

WxF Wilkes Gravelly Loam, 15-45% Slopes
Well drained
Slight erosion hazard

VICINITY



LOCATION

