

**SECTION 480-A REAL PROPERTY TAX LAW
FOREST MANAGEMENT PLAN
5 YEAR UPDATE**

**Application Number:
11-21**

Property Owners:

**Mickie Byrd
Firehouse Asset #1 L.P.
904 Conveyor Dr.
Joshua, TX 76058**

Property Location:

**State Route 392 and Carson Road
Town of Virgil
Cortland County, New York**

December 2012

Prepared by:

**FORECON, Inc.
22 1/2 Groton Avenue
Cortland, NY 13045
607-753-3113**

Will Roberts – Forest Technician

Introduction

This 5 year update has been conducted for the property owned by Firehouse Asset #1 L.P., C/O Mickie Byrd, located in the Town of Virgil, Cortland County, New York. This property was formerly owned by Thompson Trust, and contains 53 eligible/committed acres.

General Observations

Fieldwork for this update was conducted on December 17, 2012. All stands were walked through and inspected for current health conditions, as well as to assess past treatments and future management considerations.

TSI has been completed in all but the final 10 acres of Stand 6. The final block is under contract with a sub-contractor to be completed by March 1, 2013. Residual trees should respond well to the thinning. The high ash component is a concern due to the impending arrival of the Emerald Ash Borer. If and when it arrives and kills all ash, this stand is going to take a big hit. Hopefully other species like maple and cherry will have the capacity to take over the stand. Right now most of the ash is too small to conduct a commercial salvage harvest, but another ten years of growth without EAB infestation would make a significant difference in that regard.

During inspection of Stands 5, 6, and 7 it was noted that a number of red oak on the bank along Route 392, mostly in the small sawtimber range, have died. At this point they are too far gone to salvage, and have lost their value. Some of the remaining trees also look stressed, but appear to have survived whatever was responsible for the decline and death of the others. No other issues or concerns were noted during field inspection.

At the next 5 year update, Stand 5 should be re-evaluated to schedule treatment. It is only 2 acres in size, so in order to be conducted commercially it needs to be done in conjunction with other stands. Stands 7 and 8 don't look like they will require treatment in five years, so if thinning is scheduled in Stand 5 it will likely be non-commercial and just focus on removing UGS.

Boundary lines were refreshed with blue 3-stripe paint marks at the time of this update. They should be re-painted every five years to maintain clear visibility.

Stand Descriptions

Stand 6

Acres: 40

Forest Type: Northern Hardwoods

Diameter Class: Poletimber

Acceptable Growing Stock: 86%

Basal Area: 77 ft² per acre

Species Composition (%BA): WA 68, RM 21, SM 4, BC 3, Bir 3, OTH 1

Treatment: Complete TSI by March 1, 2013

Comments: All but the last 10 acres of this stand has been treated with TSI in the last 4 years. The last 10 acres has been marked and is currently under contract to be completed by March 1, 2013. The majority of the growing stock is white ash, but there are decent red maple, sugar maple, and black cherry scattered throughout the stand as well. Most of the ash is still too small to conduct a commercial salvage at this time; however, if the EAB doesn't get here in the next ten years or so, they may grow enough to make such an operation feasible.

15 Year Work Schedule

2013-2014	Complete TSI Stand 6 by March 1
2014-2015	No Treatment Required
2015-2016	No Treatment Required
2016-2017	No Treatment Required
2017-2018	5 Year Update, Repaint Boundary Lines, Evaluate Stand 5 to Schedule Thinning
2018-2019	No Treatment Required
2019-2020	No Treatment Required
2020-2021	No Treatment Required
2021-2022	No Treatment Required
2022-2023	5 Year Update, Repaint Boundary Lines
2023-2024	No Treatment Required
2024-2025	No Treatment Required
2025-2026	No Treatment Required
2026-2027	No Treatment Required
2027-2028	5 Year Update, Repaint Boundary Lines

FOREST LAND CLASSIFICATION AND TREATMENT REPORT

Application Number 11--21	Owner Firehouse Asset # 1 L.P. C/O Mickie Byrd	Classified By FORECON INC	Date Dec. 2012
Owner's Address 904 Conveyor Drive	State TX	Zip Code 76058	Department Use Only
City Joshua			Checked By
			Date

The lands described in the owner's application for certificate of approval as eligible forest land have been examined and classified below. The stand treatments listed are required practices for continuing eligibility under Section 480-A of the Real Property Tax law.

ELIGIBLE ACREAGE									
Stand No.	Acreage	Forest Type	Diameter Class	Site	Basal Area	No. Trees/Ac.	Species Composition Percent (nearest 10%)	Silvicultural Treatment	Year(s)
5	2	NH	ST	II	72	148	WA 69, BC 22, SM 6, RM 3	Evaluate For Future Thinning	2017-2018
6	40	NH	PT	II	77	175	WA 68, RM 21, SM 4, BC 3, Bir 3 OTH 1	Complete TSI by March 1, 2013	2013-2014
7	7	NH/Hem	ST	II	98	132	RM 33, Hem 21, SM 18, AB 18 RO 5, OTH 5	No Treatment Required	XXX
8	3	NH	ST	II	73	127	WA 41, NRO 27, RM 9, Asp 5 BC 5, OTH 13	No Treatment Required	XXX
9	1	SCP	PT	II	57	142	SCP 65, WA 24, SM 11	No Treatment Required	XXX

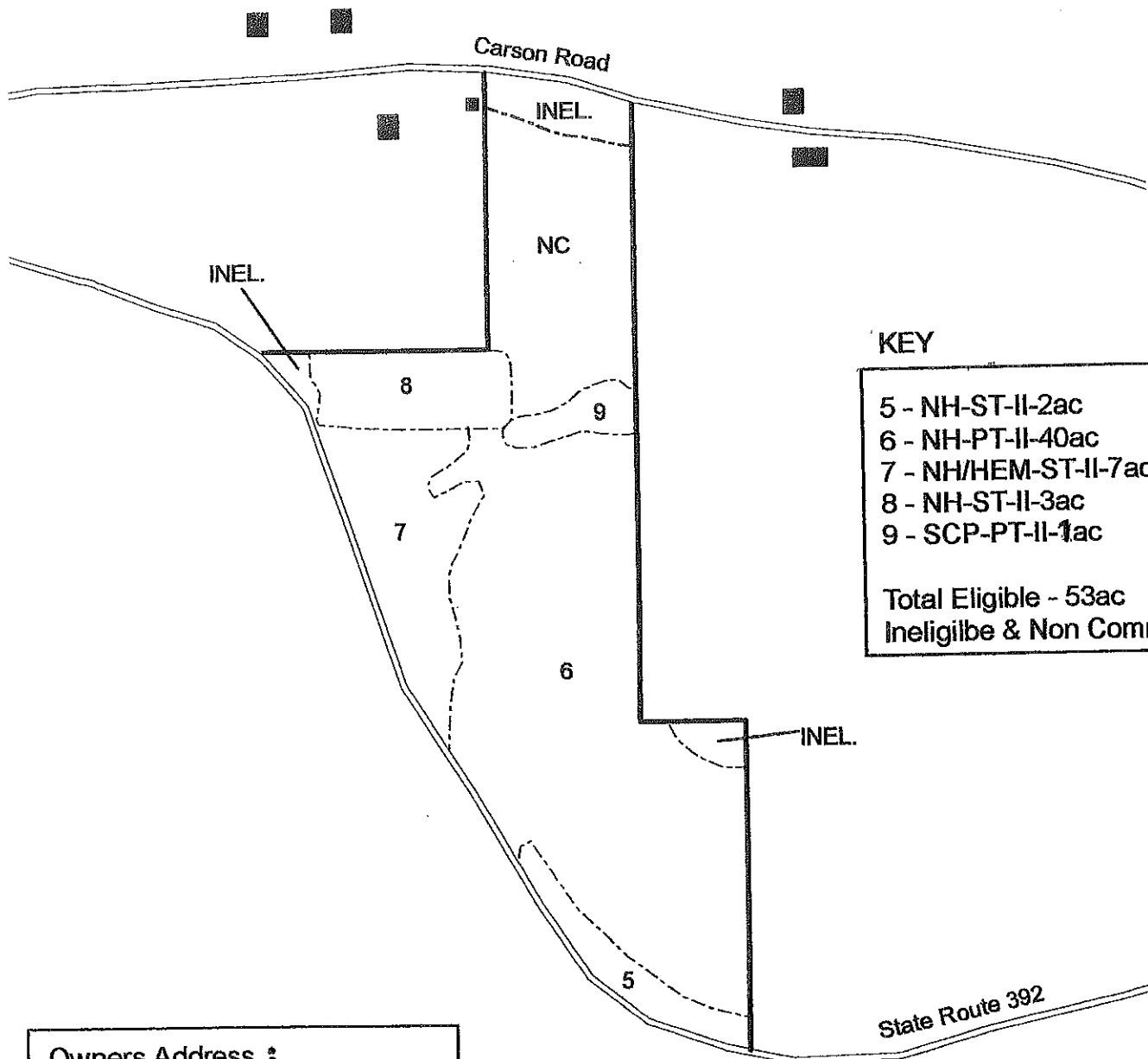
Total El. Ac: 53

DESCRIPTION OF INELIGIBLE AND NON-COMMITTED LAND
Ineligible and Non-Committed: approximately 14 acres of fields, brushy areas, and forest land

FIREHOUSE ASSET #1

Town of Virgil
Cortland County
New York

December 2012



KEY

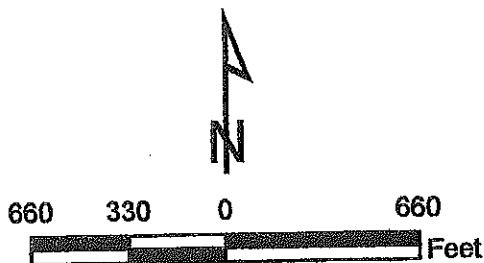
- 5 - NH-ST-II-2ac
- 6 - NH-PT-II-40ac
- 7 - NH/HEM-ST-II-7ac
- 8 - NH-ST-II-3ac
- 9 - SCP-PT-II-1ac

Total Eligible - 53ac

Ineligible & Non Committed - 14ac

Owners Address :
FIREHOUSE ASSET #1 L.P.
904 Conveyor Dr.
Joshua, TX 76058
ATTN: Mickie Byrd

Application No. _____
Checked By: _____



Prepared By:

FORECON, INC.
22 1/2 Groton Ave
Cortland, New York 13045
MIKE ENDRESS

FIREHOUSE1_121712_WFR 1_1217

By Species

Stand Number: 6

Area (acres): 40.0

Stand ID: 6

#Points: 10

12/17/12

Species	% Basal Area	% # Trees	% Volume 2
Black Cherry	2.60	2.36	0.00
Sugar Maple	3.90	3.72	0.00
White Ash	67.53	66.04	0.00
Red Maple	20.78	25.63	0.00
Northern Red Oak	1.30	0.26	0.00
Birch	2.60	1.26	0.00
Elm	1.30	0.73	0.00

Stand: Summary

FIREHOUSE1_121712_WFR 1_1217

By Diameter

Stand Number: 6

Area (acres): 40.0

Stand ID: 6

#Points: 10

12/17/12

DBH	Basal Area Per Acre	# Trees Per Acre	Volume 2 Per Acre	Total Basal Area	Total # Trees	Total Volume 2
<i>inches</i>	<i>sq. ft.</i>	<i>#</i>		<i>sq. ft.</i>	<i>#</i>	
6	10.0	50.9	0.0	400.0	2,037.2	0.0
8	20.0	57.3	0.0	800.0	2,291.8	0.0
10	20.0	36.7	0.0	800.0	1,466.8	0.0
12	18.0	22.9	0.0	720.0	916.7	0.0
14	7.0	6.5	0.0	280.0	261.9	0.0
18	1.0	0.6	0.0	40.0	22.6	0.0
20	1.0	0.5	0.0	40.0	18.3	0.0
ALL	8.6	77.0	0.0	3,080.0	7,015.4	0.0

AGS = 86%
UGS = 14%

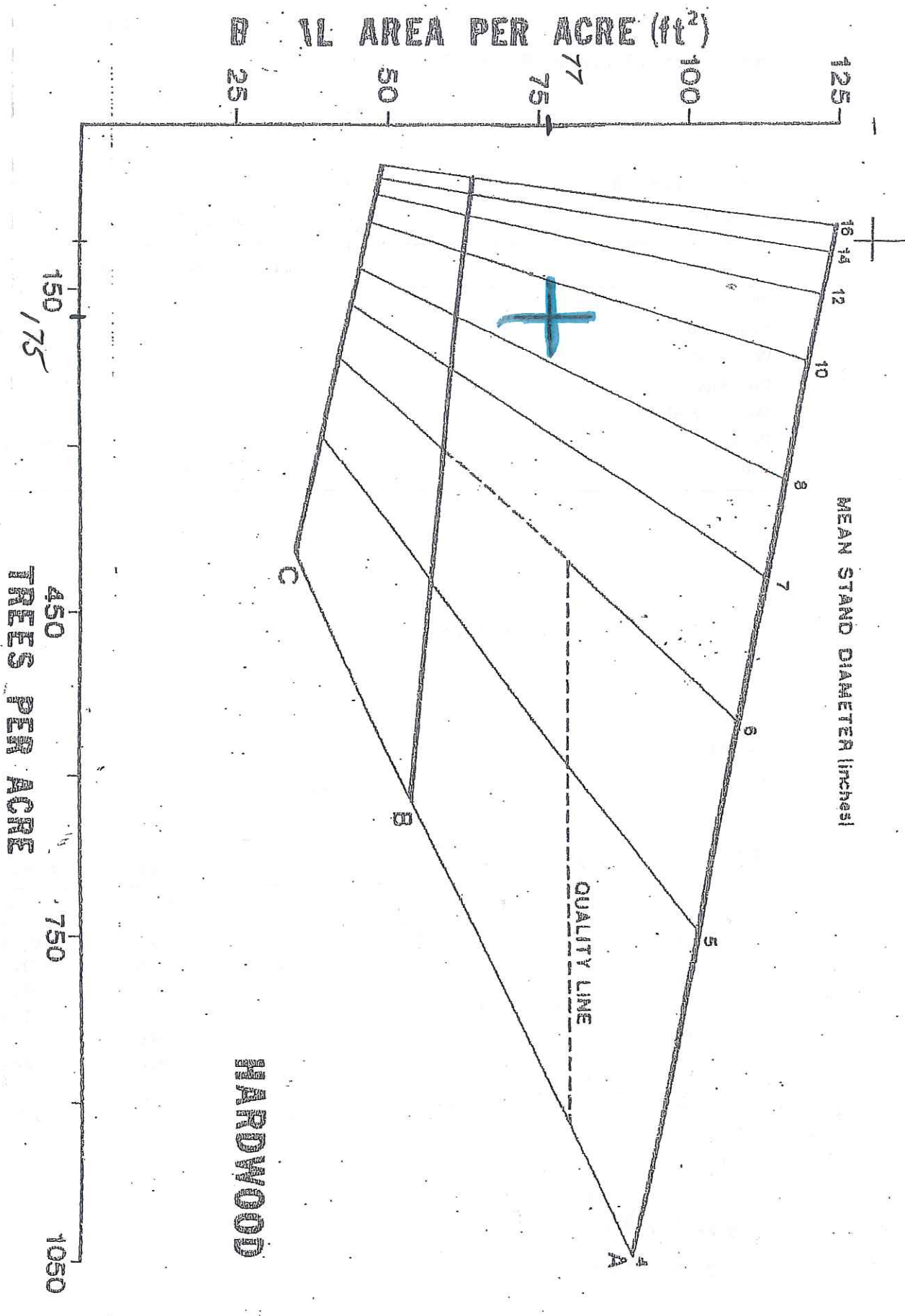


Figure 6.—Stocking guide for main crown canopy of even-aged hardwood stands (beech-red maple, beech-birch-maple) shows basal area and number of trees per acre and quadratic mean stand diameter. The A line is fully stocked, the B line is suggested residual stocking. The C-line is minimum stocking. The quality line is the density required to produce high quality stems of beech, sugar maple, yellow birch, and red maple.