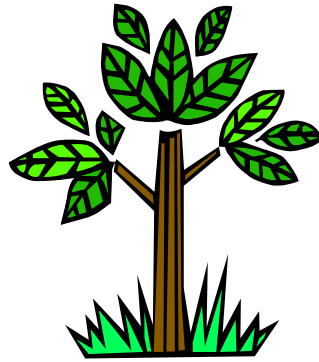


Forestry

Hardwood Pole Project



Group III, Station 3

Follow Orange Ribboned Trail From Bridge Site to Marked corner.

Layout 1 acre plot.

Azimuth	Bearing	Distance	Course
78 degrees	N 78 degrees East	208'	1 st Course
168 degrees	S 12 degrees East	208'	2 nd Course
258 degrees	S 78 degrees West	208'	3 rd Course
348 degrees	N 12 degrees West	208'	4 th Course

TO BEGINNING POINT

Group III Station # 3

Equipment

Compass	Gloves
Clipboard	Safety Glasses
Flagging	Hat
Pencils	Boots
Paper	Hand Saws
Field Guide/Field Guide ID Sheets	Pruning Saws
Tape/D-Tape	Spade
Lumber Crayon	Hammer/Axe
Marking Pen	Zip-Lock Bags

I. Field Procedure: Day #1 P.M. (Wednesday)

1. Follow Trail from Lodge to the Bridge Project Crossing Point on West Stream using the Camp Lawroweld Trail system (Green to Red to Yellow)
2. After crossing West Brook at Bridge Project Site- Dollow Red Trail Markers to Orange, ribboned, Trail.
Follow Orang ribboned trail up hill to Station #3 project area. Field plot corner (starting point) is marked with a red grade stake with orange & blue ribbons.
3. Layout/ acre square plot (208 feet on each side) Using the enclosed plot bearings & distances. (see 3x5 card)

INITIAL COURSE: 78 degrees , Azimuth
N 78 degrees East, Bearing
208' Distance

- The corners of the 1acre plot have been ribboned in Blue and Orange Flagging to assist you in your layout work.
- Use hand held compass to establish azimuth or bearing of perimeter lines. Use your established pace to measure distance.
- Drive into the ground a red grade stake at each corner of the exercise plot as it is established. (All stakes are provided at beginning point).
- Delineate the perimeter of exercise plot with orange ribbon.
- Lightly clear brush to provide access around perimeter of plot-- (i.e. along ribboned perimeter line).

SEE NEXT PAGE FOR DETAILED #3 SKETCH

- j. Finally, Dig a soil test pit near the center of your 1/4th acre plot.
 (Approximately 1 ½ - 2 feet deep).
 Make note of the following features;

Thickness of organic Material. (Top Layer)	
Number of soil layers present	
Color	
Texture	
Stones and Rocks present	
Moisture	
Soil organisms evident	

As you collect information for your field site inventory, feel free to travel through your entire plot. Become familiar with your environment and share your observations with your fellow team members.

Take some group quiet time- Share impressions after.

- When your group field inventory has been completed, take time to organize your data and observations. Record sheets should be neat, clean, organized and readable.
- If necessary, re-copy information sheets.
- Specimens or field samples can be sorted and stored in ziplock bags.

II. Field Procedure, Day #2 Thursday

1. Read/Review "Competition" Sheet. Observe & discuss competition in this stand.
2. Mark trees to be removed with blue ribbon in the 1 acre plot. Undesirable trees are determined by the following criteria:

Desireable species in order of preference

Most Desireable	Sugar Maple
	Yellow Birch
	Ash
To	Spruce
	Red Maple
	Balsam Fir
Least Desireable	Aspen

Trees selected for removal

- a. Crooked
 - b. Defects
 - c. Suppressed
 - d. Small crowns
3. Remove undesirable saplings and small saplings in the under-story.
 - a. Cut/Saw as close to the ground as possible
 - b. All brush must be lopped to within 3-4 feet of the ground.
 4. Layout a 1/10 acre circular plot within the bounds of your 1 acre test plot.
(See directions for circular plot on next page)
The center of circular plot to grade stake corner is by bearing & distance.
Record & tally all trees within your 1/10 acre circular plot by:
 - a. Species
 - b. Diameter
 - c. Height