

FLAG PONDS NATURE PARK HABITAT SURVEY FORM

Date _____ Plot # _____

Plot dimensions ____ by ____ m sample area _____sq. m

Surveyors _____

GPS Datum: NAD83 UTM WGS84 Est. accuracy _____ m / ft # sats fixed: _____

Coordinates _____ Coordinates in UTM _____

Lat: _ _ _ _ _ X: _ _ _ _ _ E

Long: _ _ _ _ _ Y: _ _ _ _ _ N

<p>Terrestrial (not a wetland)</p> <p>Aquatic Systems</p> <p>Tidal A – Irregularly exposed B – Regularly flooded C – Irregularly flooded D – Wind tidally flooded</p> <p>Non-Tidal A – Permanently flooded B – Semipermanently flooded C – Seasonally flooded D – Intermittently flooded E – Temporarily flooded F – Saturated</p> <p>Salinity A – Saltwater (>30 ppt) B – Brackish (5-30 ppt) C – Oligohaline (0.5-5 ppt) D – Freshwater (<0.5 ppt)</p> <p>Inundation A – never B – infrequently C – regularly (<6 mos) D – regularly (>6 mos) E – always submerged by shallow water (<30cm) F – always submerged by deep water (>30cm)</p>	<p>Disturbances/Threats:</p> <p><input type="checkbox"/> clearing / logging <input type="checkbox"/> deer browse <input type="checkbox"/> erosion <input type="checkbox"/> gypsy moth <input type="checkbox"/> fire <input type="checkbox"/> ditching <input type="checkbox"/> other: <input type="checkbox"/></p> <p>Non-native plants:</p> <p><input type="checkbox"/> Honeysuckle <input type="checkbox"/> Stiltgrass <input type="checkbox"/> Beefsteak plant <input type="checkbox"/> Phragmites <input type="checkbox"/> Ailanthus <input type="checkbox"/> Other (list)</p> <p>Disturbance Comments</p>	<p>Slope A - 0-3% (Level) B - 3-8% (gentle/undulating) C – 8-16% (sloping/rolling) D - 16-30% (moderate/hilly) E - 30-65% (steep) F - 65-17% (very steep) G - >75% (extremely steep)</p> <p>Topographical Position A – crest B – upper slope C – middle slope D – lower slope E – toe F – plain /level G – basin/depression</p>	<p>Dominant Understory 1 - sparse shrub layer 2 - medium shrub layer 3 - dense shrub layer 4 - herbaceous only 5 - leaf litter/debris only</p> <p>Successional Stage L – late M – mid E – early</p> <p>Miscellaneous <input type="checkbox"/> Bryophyte <input type="checkbox"/> Lichens <input type="checkbox"/> Snags (#) _____</p>
<p>Other Features or Comments</p>			

WOODY STEMS ≥ 2.5 cm DBH IN PLOT

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Record number of individuals in each 5cm (2") class, record to nearest cm if DBH >40cm (16")

DBH in cm	2.5-5	5-10	10-15	15-20	20-25	25-30	30-35	35-40	40+
Species DBH in in	1-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16+

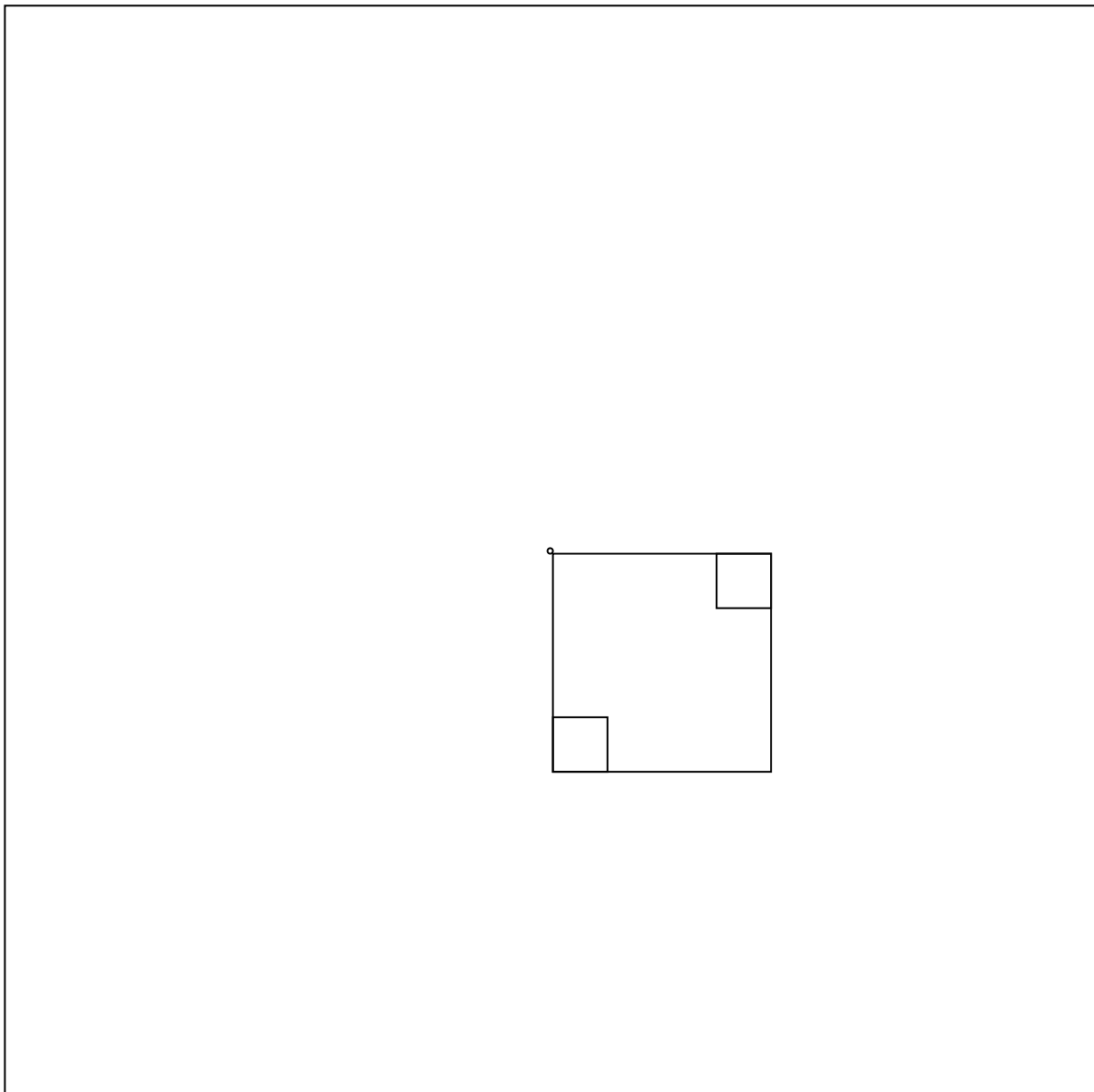
Date _____ Plot # _____

Surveyors _____

SKETCH PLOT CONFIGURATION. Indicate plot architecture, GPS points, location of permanent stakes, bearings of photopoints, and directions and distance to landmarks (include species and dbh of witness trees). Also include plot orientation, roads, trails, and distinctive features of vegetation. Attach copy of topographic map indicating location of plot.

⊕	GPS position
○→	Photo # & direction
⊗	Witness tree
N	North arrow

10 m x 10 m plot or other dimension _____
(32.8 ' x 32.8')



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Surveyors _____

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⊕	GPS position
○→	Photo # & direction
⊗	Witness tree
N	North arrow

4 m x 4 m plot pr other dimension _____

NE 1 m x 1 m plot pr other dimension _____

SW 1 m x 1 m plot pr other dimension _____

