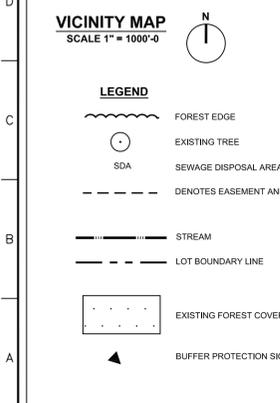
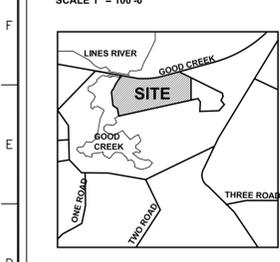


SITE PLAN SCALE 1" = 100'-0"



PLANTING PLAN AND LANDSCAPE SCHEDULE

STEP 1 ESTABLISHMENT OR MITIGATION table with columns: SELECT, ACTIVITY, ACTION. Includes rows for 'PROJECT COMPLETELY OUTSIDE BUFFER', 'DISTURBANCE TO BUFFER OR VEGETATION REMOVAL IN BUFFER', and 'SOME DISTURBANCE IN BUFFER AND SOME OUTSIDE BUFFER'.

AREA OF LOT 1 = 13.90 ACRES +/-, AREA OF LOT 2 = 7.30 ACRES +/-, AREA OF LOT 3 = 14.50 ACRES +/-

CRITICAL AREA FOREST TABLE with columns: LOT, AREA OF BUFFER, EXISTING FOREST WITHIN BUFFER, REQUIRED PLANTING OF BUFFER, PROPOSED PLANTING OF BUFFER. Includes data for LOT 1, LOT 2, and LOT 3.

STEP 2 MITIGATION FOR WORK IN THE BUFFER table with columns: SELECT, ACTIVITY, MITIGATION RATIO. Includes rows for 'SHORE EROSION CONTROL', 'RIPARIAN WATER ACCESS', 'WATER-DEPENDENT FACILITIES', 'VARIANCE', and 'VIOLATION'.

THIS BUFFER MANAGEMENT PLAN DOES NOT ADDRESS MITIGATION FOR WORK IN THE BUFFER BECAUSE NO DISTURBANCE TO THE BUFFER IS PROPOSED AS PART OF THIS PROJECT.

STEP 3 MITIGATION FOR CLEARING TREES table with columns: BUFFER DISTURBANCE MITIGATION (STEP 2), TREE CLEARING MITIGATION (STEP 3), TOTAL MITIGATION. Includes rows for 'TOTAL MITIGATION' and 'TOTAL MITIGATION'.

NOTE: NO EXISTING TREES THAT EXCEED 2 INCHES OR MORE IN DIAMETER ARE PROPOSED TO BE REMOVED.

STEP 4 TOTAL MITIGATION table with columns: MITIGATION FOR DISTURBANCE, MITIGATION FOR TREES REMOVED, TOTAL MITIGATION. Includes rows for 'TOTAL MITIGATION' and 'TOTAL MITIGATION'.

THIS BUFFER MANAGEMENT PLAN DOES NOT ADDRESS ANY MITIGATION FOR WORK IN THE BUFFER OR MITIGATION FOR REMOVAL OF EXISTING TREES 2 INCHES OR MORE IN DIAMETER BECAUSE NO DISTURBANCE OR TREE REMOVAL IN THE BUFFER IS PROPOSED AS PART OF THIS PROJECT.

STEP 5 ESTABLISHMENT FOR DEVELOPMENT table with columns: SELECT, DEVELOPMENT CATEGORY, BEFORE PROGRAM DATE, AFTER PROGRAM DATE. Includes rows for 'NEW DEVELOPMENT ON VACANT LOT', 'NEW SUBDIVISION OR NEW LOT', 'NEW LOT WITH EXISTING DWELLING UNIT', 'CONVERSION OF LAND USE TO ANOTHER LAND USE', 'ADDITION OR ACCESSORY STRUCTURE', and 'SUBSTANTIAL ALTERATION'.

PROGRAM DATE IS THE ADOPTION DATE OF THE LOCAL CA PROGRAM. AN INDIVIDUAL BUFFER MANAGEMENT PLAN MAY BE SUBMITTED FOR LOT 1, LOT 2 OR LOT 3 BY AN INDIVIDUAL LOT OWNER AS LONG AS THE PLAN MEETS OR EXCEEDS THE MINIMUM PLANTING STANDARDS ON THIS PLAN AND IS APPROVED BY THE LOCAL GOVERNMENT.

Table with columns: ESTABLISHMENT REQUIRED - DATE LOT CREATED, ESTABLISHMENT REQUIRED - (FULL BUFFER) TOTAL LOT COVERAGE, NET INCREASE IN LOT COVERAGE. Includes rows for 'ESTABLISHMENT REQUIRED - DATE LOT CREATED', 'ESTABLISHMENT REQUIRED - (FULL BUFFER) TOTAL LOT COVERAGE, NET INCREASE IN LOT COVERAGE', and 'TOTAL AREA OF BUFFER REQUIRING ESTABLISHMENT'.

STEP 6 ADJUST FOR EXISTING FOREST COVER table with columns: FULL ESTABLISHMENT OF BUFFER REQUIRED?, IF YES: TOTAL AREA OF BUFFER (STEP 5) LESS: TOTAL AREA OF BUFFER IN EXISTING FOREST: EQUALS: MODIFIED AREA OF BUFFER REQUIRED TO BE PLANTED. Includes rows for 'FULL ESTABLISHMENT OF BUFFER REQUIRED?', 'IF YES:', 'TOTAL AREA OF BUFFER (STEP 5) LESS:', 'TOTAL AREA OF BUFFER IN EXISTING FOREST:', 'EQUALS:', and 'MODIFIED AREA OF BUFFER REQUIRED TO BE PLANTED'.

STEP 7 ELIGIBILITY FOR NATURAL REGENERATION table with columns: AREA ELIGIBLE FOR NATURAL REGENERATION, AREA OF NATURAL REGENERATION PROVIDED. Includes rows for 'AREA ELIGIBLE FOR NATURAL REGENERATION' and 'AREA OF NATURAL REGENERATION PROVIDED'.

IF THE PROJECT REQUIRES BUFFER ESTABLISHMENT GREATER THAN ONE ACRE, THEN 50% OF THE AREA REQUIRED CAN BE ESTABLISHED THROUGH NATURAL REGENERATION, AS LONG AS IT IS WITHIN 50 FEET OF MATURE FOREST, AND A SUPPLEMENTAL PLANTING PLAN & FINANCIAL ASSURANCE ARE PROVIDED. IF ELIGIBLE, IDENTIFY THE NATURAL REGENERATION AREA ON THE PLAN AND REDUCE THE PLANTING REQUIREMENT BY THE NATURAL REGENERATION SQUARE FOOTAGE.

STEP 8 FLEXIBLE STOCKING ANALYSIS table with columns: AREA, AREA SIZE, SPECIES, COMMON NAME, QTY., STOCK SIZE, SURVIV. REQ'D, FINANCIAL ASSURANCE PERIOD. Includes rows for 'AREA ELIGIBLE FOR NATURAL REGENERATION = 1.63 ACRES (50% OF 3.26 ACRES)', 'AREA ELIGIBLE FOR NATURAL REGENERATION', and 'AREA OF NATURAL REGENERATION PROVIDED'.

IF THE AREA OF BUFFER ESTABLISHMENT EXCEEDS ONE ACRE, UP TO 60% OF THE AREA REQUIRED TO BE PLANTED MAY BE ESTABLISHED THROUGH NATURAL REGENERATION. NATURAL REGENERATION AREAS MUST BE WITHIN 50' OF MATURE FOREST. SUPPLEMENTAL PLANTING PLAN, MONITORING, FINANCIAL ASSURANCES REQUIRED. MONITORING AND FINANCIAL ASSURANCE REQUIRED FOR 5 YEARS AFTER THE DATE OF PLAN APPROVAL OR UNTIL THE AREA COVERAGE OF THE BUFFER IS AT LEAST 300 NATIVE WOODY STEMS PER ACRE, THAT ARE AT LEAST 4 FEET IN HEIGHT.

Table with columns: SELECT, STOCK SIZE, NUMBER/ACRE, SURVIVABILITY, MIN. BOND PERIOD. Includes rows for 'BARE ROOT SEEDLING/WHIP', '1/2" TO 1" CONT. GROWN TREES', and 'MORE THAN 1" CONTAINER GROWN TREES'.

STEP 8 DETERMINE STOCKING table with columns: SELECT, REQUIREMENT, AMOUNT, OPTIONS. Includes rows for 'LESS THAN 1/4 ACRE', '1/4 ACRE UP TO OR EQUAL TO 1 ACRE', 'MORE THAN 1 ACRE UP TO OR EQUAL TO 5 ACRES', and 'MORE THAN 5 ACRES'.

Table with columns: ESTABLISHMENT REQUIREMENT, STOCKING REQUIREMENT, MITIGATION REQUIREMENT. Includes rows for 'ESTABLISHMENT REQUIREMENT: LOT 1 + LOT 2 + LOT 3 = 3.26 (ACRES)', 'STOCKING REQUIREMENT: LANDSCAPE STOCK: 50% X 3.26 (ACRES) = 1.63 (ACRES)', 'MITIGATION REQUIREMENT: NO MITIGATION REQUIRED FOR THIS PROJECT 0 (ACRES)'.

STEP 9 CLUSTER PLANTING EVALUATION table with columns: SELECT, ACTIVITY. Includes rows for 'BUFFER ESTABLISHMENT LESS THAN 1 ACRE' and 'PLANTS GROUPED IN MULCHED BEDS'.

Table with columns: SELECT, PLANTING CLUSTER, AREA. Includes rows for '1 CANOPY TREE & 3 LARGE SHRUBS OR 6 SMALL SHRUBS' and '2 UNDERSTORY TREES & 3 LARGE SHRUBS OR 6 SMALL SHRUBS'.

CLUSTER PLANTING IS NOT PROPOSED FOR THIS PROJECT BECAUSE THE BUFFER ESTABLISHMENT REQUIREMENT EXCEEDS ONE ACRE.

STEP 10 LANDSCAPE SCHEDULE: SPECIES, STOCK, SIZE, AND QUANTITY table with columns: SYM, SPECIES, COMMON NAME, QNTY, CREDIT EACH, CREDIT TOTAL, MAX % ALLOW, % USED. Includes rows for 'CANOPY TREES - 2" CALIPER, 8'-0" HIGH', 'CANOPY TREES - 1" CALIPER, 6'-0" HIGH', 'UNDERSTORY TREES - 1" CALIPER, 6'-0" HIGH', 'LARGE SHRUBS - 1 GALLON, 4'-0" HIGH', and 'SMALL SHRUBS - 1 GALLON, 1'-6" HIGH'.

LANDSCAPE SCHEDULE NOTES table with columns: LANDSCAPE SCHEDULE NOTES. Includes rows for 'ALL PLANT SPECIES SHALL BE NATIVE TO THE CHESAPEAKE AND ATLANTIC COASTAL BAYS REGION BASED ON THE U.S. FISH AND WILDLIFE SERVICE PUBLICATION, NATIVE PLANTS FOR WILDLIFE HABITAT AND CONSERVATION LANDSCAPING', 'SPECIES CLASSIFICATION (CANOPY TREE, UNDERSTORY TREE, ETC.) IS IN ACCORDANCE WITH MATURE HEIGHTS AS SET FORTH IN THE U.S. FISH AND WILDLIFE SERVICE PUBLICATION, NATIVE PLANTS FOR WILDLIFE HABITAT AND CONSERVATION LANDSCAPING', 'SPECIES HAVE BEEN SELECTED BASED ON AN ANALYSIS OF SURROUNDING NATIVE FOREST AND DEVELOPED WOODLAND COVER', 'SHRUB SPECIES COMPRISE 47.7% PERCENT OF THE PROPOSED PLANTING, WHICH DOES NOT EXCEED 50% PERCENT OF THE OVERALL PLANTING', 'THE QUANTITY OF ANY SINGLE SPECIES DOES NOT EXCEED 20 PERCENT OF THE OVERALL PLANTING'.

Table with columns: AREA, AREA SIZE, SPECIES, COMMON NAME, QTY., STOCK SIZE, SURVIV. REQ'D, FINANCIAL ASSURANCE PERIOD. Includes rows for 'AREA ELIGIBLE FOR NATURAL REGENERATION = 1.63 ACRES (50% OF 3.26 ACRES)', 'AREA ELIGIBLE FOR NATURAL REGENERATION', and 'AREA OF NATURAL REGENERATION PROVIDED'.

Table with columns: AREA, AREA SIZE, SPECIES, COMMON NAME, QTY., STOCK SIZE, SURVIV. REQ'D, FINANCIAL ASSURANCE PERIOD. Includes rows for 'C1 LOT 1', 'C2 LOT 2', and 'C3 LOT 3'.

STEWARDS OF THE LAND LANDSCAPE ARCHITECTS. SAMPLE MAJOR BUFFER MANAGEMENT PLAN COUNTY. Drawing Title. Scale: AS SHOWN. Project No.: XXXXX. Date: MARCH 2011. Drawn By: xxx. Reviewed By: xxx. REVISIONS NO. DATE DESC. Sheet No.