

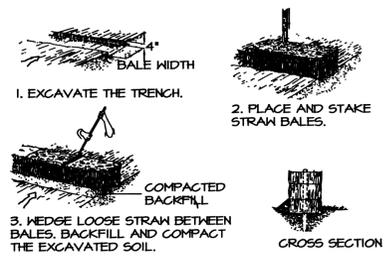
REPLACEMENT WETLAND PLANTING PLAN  
SCALE 1" = 10'

**WETLAND REPLICATION PLANTING SCHEDULE**

10	+	SILKY DOGWOOD	CORNUS AMOMUM	B#B	3-4' MIN
3	●	WINTERBERRY	ILEX VERTICILLATA (FEMALE)	B#B	3-4' MIN
2	+	WINTERBERRY	ILEX VERTICILLATA (MALE)	B#B	3-4' MIN
8	●	NORTHERN BAYBERRY	MYRICA PENNSYLVANICA	B#B	3' MIN
10	●	GRAY-STEMMED DOGWOOD	CORNUS RACEMOSA	B#B	3-4' MIN

**BUFFER RESTORATION PLANTING SCHEDULE**

5	●	WINTERBERRY	ILEX VERTICILLATA (FEMALE)	B#B	3-4' MIN
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HAY BALE DETAIL

**WETLAND REPLICATION SEQUENCE & NOTES**

1. CREATION OF THE REPLACEMENT WETLAND SHALL OCCUR PRIOR TO HOUSE AND RETAINING WALL CONSTRUCTION SO THAT EQUIPMENT ACCESS WILL BE POSSIBLE.
2. A QUALIFIED BIOLOGIST SHALL BE RETAINED TO MONITOR REPLICATION ACTIVITIES. THE CONSERVATION AGENT AND BIOLOGIST SHALL BE NOTIFIED NOT LESS THAN TWO WEEKS IN ADVANCE OF ANTICIPATED CONSTRUCTION COMMENCEMENT.
3. PERIMETER HAY BALES SHALL BE INSTALLED PRIOR TO VEGETATIVE CLEARING AND EARTHWORK. THE PERIMETER HAY BALES WILL SERVE AS WORK LIMITS, SUCH THAT NO ACTIVITIES ARE TO OCCUR ON THE WETLAND SIDE OF THE BALES, AND SUCH THAT NO STONES, BRUSH, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE BALES.
4. VEGETATION SHALL BE CLEARED WITHIN THE LIMITS OF THE SUBJECT AREA. THEN TOPSOIL SHALL BE STRIPPED AND STOCKPILED FOR REUSE ON THE FINAL REPLICATION SIDE SLOPES.
5. THE PROPOSED WETLAND FLOOR SHALL BE OVEREXCAVATED TO ACCOMMODATE 6 INCHES OF EVENLY-SPREAD ORGANIC-MIX SOIL. ALL SOILS EXCAVATED AS PART OF THE PROJECT SHALL BE EITHER RE-USED ON SITE AS PART OF THE PROPOSED PROJECT OR SHALL BE RESPONSIBLY HAULED OFF SITE AND DEPOSITED IN AN APPROVED UPLAND LOCATION OUTSIDE OF WETLAND AREAS.
6. THE EXCAVATED WETLAND FLOOR SHALL BE GRADED TO BLEND WITH THE UNDISTURBED WETLAND FLOOR.
7. THE WETLAND-REPLICATION SOIL MIX SHALL COMPRISE THE "O" AND "A" HORIZON SOILS STRIPPED FROM THE DRIVEWAY IMPACT AREA. SHOULD THESE SOILS BE UNSUITABLE OR INSUFFICIENT IN QUANTITY, THEN ORGANIC-MIX SOIL SHALL COMPRISE LOAM BLENDED WITH PEAT MOSS AND/OR HUMUS AT A RATIO OF THREE PARTS MINERAL SOIL TO ONE PART PEAT/HUMUS. SIX INCHES OF LOAM (AS STOCKPILED) SHALL BE SPREAD ON THE WETLAND SIDE SLOPES FOLLOWING FINAL SHAPING.
8. SHRUBS SHALL BE PLANTED IN THE LOCATIONS SHOWN ON THE PLAN.
9. THE WETLAND FLOOR AND LOWEST ONE FOOT (UP TO ELEVATION 88) OF THE SIDE SLOPES SHALL BE SEEDED WITH A HYDRIC GRASS/HERB SEED MIX.
10. WETLAND SIDE SLOPES (DOWN TO ELEVATION 87) AND ALL OTHER AREAS EXPOSED AS A RESULT OF WETLAND REPLICATION ACTIVITIES SHALL BE SEEDED WITH A CONSERVATION GRASS MIX. THE LOWEST ONE FOOT OF THE SIDE SLOPES SHALL BE SEEDED WITH BOTH SEED MIXES.
11. UPON COMPLETION OF ALL ITEMS LISTED ABOVE, HAY MULCH SHALL BE LIGHTLY SPREAD ON THE WETLAND FLOOR, SLOPES, AND ALL OTHER AREAS DISTURBED AS A RESULT OF REPLICATION ACTIVITIES.
12. SEED AND SHRUBS SHALL BE WATERED AS NECESSARY TO ENSURE GERMINATION AND SURVIVAL. THE CONTRACTOR/OWNER IS RESPONSIBLE FOR ENSURING SURVIVAL OF ALL PLANTINGS FOR A MINIMUM TWO-YEAR PERIOD.
13. UPON COMPLETION OF THE REPLICATION AREA, THE BIOLOGIST SHALL FILE A REPORT TO THE COMMISSION INDICATING THAT REPLICATION HAS BEEN COMPLETED, NOTING THE STATUS OF THE AREA AND ANY DISCREPANCIES THAT MAY HAVE BEEN ENCOUNTERED.
14. HENCEFORTH, THE REPLICATION AREA SHALL BE MONITORED FOR A TWO-YEAR PERIOD, AND THE BIOLOGIST SHALL FILE TWO STATUS REPORTS ANNUALLY (FOUR TOTAL) CONVEYING FINDINGS OF SITE VISITS CONDUCTED PREFERABLY IN MAY OR JUNE AND IN SEPTEMBER OR OCTOBER.
15. PRIOR TO THE ISSUANCE OF A CERTIFICATE OF COMPLIANCE (COC), THE BIOLOGIST SHALL FIELD DELINEATE THE LIMITS OF THE REPLICATED WETLAND SO THAT SUCH LIMITS CAN BE FIELD SURVEYED AND PLOTTED ON PLANS. AS-BUILT PLANS OF THE REPLICATED WETLAND SHALL BE FILED AS PART OF THE COC REQUEST.

**DEBRIS-REMOVAL NOTES:**

1. MANUALLY REMOVE DEBRIS IN, AND ALONG, THE WETLAND FROM APPROXIMATELY FLAGS A-79 THROUGH A-87 AND FROM APPROXIMATELY FLAGS A-104 THROUGH A-108.
2. THE CONSERVATION AGENT MUST BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF THE START OF DEBRIS-REMOVAL ACTIVITIES, AND DEBRIS REMOVAL SHALL OCCUR IN THE PRESENCE OF A COMPETENT ENGINEER OR BIOLOGIST (AT THE DISCRETION OF THE CONSERVATION COMMISSION).
3. TIRES AND OTHER DEBRIS PRESENT IN THE WETLAND SHALL BE REMOVED BY HAND. A TRACK EXCAVATOR OR BACKHOE MAY ENTER THE 25-FOOT BUFFER STRIP AT AN OPENING IN THE TREES TO EXTEND A BUCKET SUCH THAT TIRES AND OTHER DEBRIS CAN BE PLACED IN THE BUCKET FOR REMOVAL.
4. IRON PIPE (ONE SECTION) PRESENT IN THE WETLAND NEAR FLAG A-80 SHALL BE CHAINED AND THEN DRAGGED OR HOISTED FROM THE WETLAND VIA EXTENDED ARM OF AN EXCAVATOR POSITIONED IN THE 25-FOOT BUFFER STRIP.
5. ALL DEBRIS SHALL BE RESPONSIBLY DISPOSED OF AT AN OFF-SITE DISPOSAL FACILITY.

**EROSION & SEDIMENTATION CONTROL**

1. ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF EARTHWORK.
2. ACCESSIBLE RESERVES OF HAY BALES AND STAKES ARE TO BE MAINTAINED ON SITE FOR ROUTINE MAINTENANCE AND IN THE EVENT OF UNANTICIPATED PROBLEMS REQUIRING EMERGENCY RESPONSE.
3. HAY BALES SHOULD BE INSTALLED IN ACCORDANCE WITH THE DETAILS PROVIDED.
4. NO WORK IS TO OCCUR ON THE WETLAND SIDE OF THE PERIMETER EROSION AND SEDIMENTATION CONTROLS. ALL PERIMETER CONTROLS SERVE AS THE PROJECT LIMIT OF DISTURBANCE.
5. NO STONES, BRUSH, CONSTRUCTION DEBRIS, LITTER, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE EROSION AND SEDIMENTATION CONTROLS.
6. ALL DISTURBED SOILS NOT DESIGNATED FOR OTHER SURFACE TREATMENT ARE TO BE LOAMED AND SEEDED IMMEDIATELY FOLLOWING FINAL GRADING.
7. APPROPRIATE PRECAUTIONS SHOULD BE TAKEN TO PREVENT THE TRANSPORT OF SOIL OFFSITE FROM CONSTRUCTION EQUIPMENT.
8. ALL PERIMETER EROSION AND SEDIMENTATION CONTROLS MUST BE PROPERLY MAINTAINED AND MUST REMAIN IN PLACE UNTIL THE SOILS HAVE BEEN STABILIZED TO THE SATISFACTION OF THE ENGINEER AND THE SEEKONK CONSERVATION COMMISSION.
9. THE SPLIT RAIL FENCE WILL SERVE AS THE LIMIT OF LAWN AND FUTURE YARD ACTIVITIES AND SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION.

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	<b>REPLICATION &amp; RESTORATION</b> <b>A.P. 3 - LOT 58</b> <b>ALLEN AVENUE</b> <b>SEEKONK, MASSACHUSETTS</b>	
	<b>CAPUTO AND WICK LTD.</b> 1150 PAWTUCKET AVE. RUMFORD, R.I. 02916 401-434-8880	DATE FEB. 14, 2006 SHEET 2 OF 2