



WETLAND ENHANCEMENT NOTES & CONSTRUCTION SEQUENCE

1. A QUALIFIED BIOLOGIST SHALL BE RETAINED TO MONITOR WETLAND ENHANCEMENT ACTIVITIES.
2. THE CONSERVATION AGENT AND BIOLOGIST SHALL BE NOTIFIED NOT LESS THAN 72 HOURS IN ADVANCE OF ANTICIPATED COMMENCEMENT OF WETLAND ENHANCEMENT ACTIVITIES.
3. THE CONTRACTOR SHALL REVIEW METHODS AND CONSTRUCTION SEQUENCE WITH THE ENGINEER AND/OR BIOLOGIST PRIOR TO COMMENCEMENT.
4. ACCESS FOR ALL CONSTRUCTION VEHICLES AND EQUIPMENT IS TO OCCUR WITHIN THE ROUTE DESIGNATED ON THE PLANS. SEE PROJECT SWPPP AND CONSULT ALL APPLICABLE LAWS FOR PROPER AND LAWFUL MAINTENANCE OF EQUIPMENT, PREVENTION OF SPILLS, AND REFUELING LOCATIONS AND PROTOCOLS RELATED TO WORK IN WETLANDS AND WATERS.
5. PERIMETER EROSION AND SEDIMENTATION CONTROLS SHALL BE INSTALLED IN ACCORDANCE WITH THE TYPE AND LOCATION DEPICTED ON THESE PLANS PRIOR TO THE START OF WORK. THE PERIMETER CONTROLS SERVE AS WORK LIMITS. NO ACTIVITIES ARE TO OCCUR ON THE WETLAND SIDE OF THE CONTROLS, AND NO STONES, BRUSH, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE CONTROLS.
6. FOLLOWING INSTALLATION OF PERIMETER CONTROLS, VEGETATION SHALL BE CLEARED WITHIN THE LIMITS OF THE SUBJECT AREA. TOPSOIL IS BELIEVED NOT TO BE PRESENT, SUCH THAT STRIPPING AND STOCKPILING FOR LATER RE-USE IS NOT BELIEVED APPLICABLE.
7. EXCAVATION IS TO OCCUR FROM EAST/SOUTHEAST TO WEST/NORTHWEST SO THAT MACHINERY REMAINS ON HIGH GROUND AND SEQUENTIALLY BACKS AWAY FROM THE EXCAVATED AREA.
8. CLEAN MATERIAL EXCAVATED AS PART OF WETLAND REPLICATION IS TO BE HAILED OFF SITE TO A LEGAL, NON-WETLAND DISPOSAL SITE OR RESPONSIBLY REUSED ON SITE ONLY AS PART OF THE ACTIVITIES AUTHORIZED FOR CONDOMINIUM DEVELOPMENT.
9. MATERIAL TO BE HAILED OFF SITE AND EXCAVATED IN A SATURATED CONDITION MUST BE STOCKPILED PRIOR TO HAULING FOR A MINIMUM 72-HOUR DRAIN TIME. DEWATERING STOCKPILES SHALL REMAIN NEAR THE WORK-SITE INTERIOR AND NOT WITHIN 100 FEET OF PROJECT LIMITS OF DISTURBANCE (PERIMETER CONTROLS). THE NEED FOR SEDIMENTATION ENCLOSURES FOR DEWATERING WILL BE DETERMINED BY THE ENGINEER AND/OR BIOLOGIST AS CONDITIONS AND LOCATION WARRANT (THE SITE INTERIOR TYPICALLY COMPRISES SANDY SUBSTRATE CONDUCIVE TO RAPID INFILTRATION).
10. AS EXCAVATION PROCEEDS IN GROUNDWATER, AND ONCE THE ISLAND HAS BEEN SHAPED, A TURBIDITY CURTAIN SHALL BE INSTALLED IN THE LOCATION SHOWN ON THE PLANS UP TO ELEVATION 51 (THE RECORDED HIGH WATER ELEVATION) ACROSS THE OPEN WATER AREA OF THE CREATED POND. THE CURTAIN SHALL NOT BE ADVANCED IN A WESTERLY DIRECTION AS EXCAVATION PROCEEDS. REMOVAL OF ANY SEDIMENTS SETTLED AT THE BASE OF THE CURTAIN IS NOT NECESSARY, UNLESS SEDIMENT ACCUMULATION IS DETERMINED TO BE SUBSTANTIAL AND BECOMES REQUIRED AS DIRECTED BY THE ENGINEER AND/OR BIOLOGIST.
11. THE CONTRACTOR SHALL SUBMIT TURBIDITY CURTAIN SPECIFICATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO PURCHASE. THE CURTAIN SHALL BE SILT-DAM TURBIDITY BARRIER FROM BROCKTON EQUIPMENT/SPILLDAM, INC., PO BOX 3219, BROCKTON, MA, 02404, (508) 583-7850, OR EQUIVALENT. IT MUST HAVE A FLOATING BOOM, SKIRT, AND CHAIN BALLAST TO CONFORM TO THE POND BOTTOM.
12. THE TURBIDITY CURTAIN SHALL BE SECURELY ANCHORED AT BOTH ENDS TO ACHIEVE FULL CONTAINMENT. THE CURTAIN SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF EXCAVATION ACTIVITIES AND MUST REMAIN IN PLACE AT LEAST 72 HOURS AFTER THE COMPLETION OF EXCAVATION TO ALLOW SUFFICIENT SETTLING TIME. THE CURTAIN SHALL NOT BE REMOVED UNTIL AUTHORIZED BY THE BIOLOGIST AND/OR THE CONSERVATION AGENT.
13. FINAL EXCAVATION DEPTH SHALL FOLLOW THE CONTOURING ON THE SITE PLANS.
14. THE TOP OF EXCAVATED SLOPES SHALL BE GRADED TO BLEND WITH ADJACENT UNDISTURBED WETLAND FLOORS. SLOPES FROM ELEVATION 51.0 UP TO THE ELEVATION OF EXISTING WETLAND FLOOR (EL. 53.0+) SHALL BE FINAL GRADED IN A SOMEWHAT UNEVEN AND ROUGHEN SURFACE CONFIGURATION AS DIRECTED BY THE BIOLOGIST.
15. AREAS LOCATED BETWEEN ELEVATIONS 44.0 AND THE ADJACENT UNDISTURBED WETLAND FLOORS (EL. 53.0+) SHALL RECEIVE 12 INCHES OF ORGANIC-MIX SOIL EVENLY SPREAD OVER THE SLOPES FORMED IN NOTE 13 ABOVE.
16. ORGANIC-MIX SOIL SHALL COMPRISE LOAM BLENDED WITH HUMUS AT A RATIO OF THREE PARTS MINERAL SOIL TO ONE PART HUMUS. ALL SOILS SHALL BE FREE OF MAN-MADE DEBRIS AND SEEDS OF INVASIVE PLANT SPECIES.
17. DEAD WOODY DEBRIS SHALL BE RANDOMLY PLACED ON THE SLOPES FROM ELEVATION 50.0 UPWARD AS DIRECTED BY THE BIOLOGIST. SIMILARLY, ANY BOULDERS ENCOUNTERED SHALL BE RANDOMLY PLACED THROUGHOUT THE POND FLOOR AND CREATED SLOPES UP TO ELEVATION 53.0. DEAD WOODY DEBRIS SHALL BE SELECTED ONLY FROM FORESTED AREAS LOCATED WITHIN PROJECT LIMITS OF THE CONDOMINIUM DEVELOPMENT.
18. TREES AND SHRUBS SHALL BE PLANTED ON THE ISLAND AND ALONG THE PERIPHERY OF THE POND IN THE LOCATIONS SHOWN ON THE PLAN AND UNDER THE GUIDANCE OF THE BIOLOGIST. THE BIOLOGIST RESERVES THE RIGHT TO RELOCATE TREE AND SHRUB PLANTINGS IF AS-BUILT SITE CONDITIONS INDICATE THAT AN UNREASONABLE THREAT TO THE SURVIVAL OF THE PLANTINGS WOULD OCCUR AS LOCATED ON THE PLANS. THE PLANTINGS WOULD BE REARRANGED TO LOCATIONS HAVING SUITABLE HYDROLOGY AND SOILS AND WITH SIMILAR INTENDED CONTEXT TO OTHER PLANTINGS AND EXISTING TREELINES.
19. USE OF SHRUB TRANSPLANTS AND CUTTINGS (OF RUSSY WILLOW AND SILKY DOGWOOD) FROM THE ENHANCEMENT AREA IS ACCEPTABLE. SUCH USE SHALL BE COORDINATED WITH, AND OCCUR UNDER THE GUIDANCE OF, THE BIOLOGIST.
20. AREAS LOCATED BETWEEN ELEVATIONS 44.0 AND THE ADJACENT UNDISTURBED WETLAND FLOORS (EL. 53.0+) SHALL BE SEEDED WITH A HYDRIC GRASS/HERB SEED MIX (OR MIXES) TO BE SELECTED AND APPROVED BY THE BIOLOGIST.
21. AREAS LOCATED FROM ELEVATION 52.0 UP TO ADJACENT WETLAND FLOORS (EL. 53.0+) SHALL BE LIGHTLY OVERSEEDED WITH A CONSERVATION GRASS MIX.
22. AREAS DISTURBED BY ENHANCEMENT ACTIVITIES AND LOCATED OUTSIDE THE LIMITS OF THE ENHANCED WETLAND SHALL RECEIVE SIX INCHES OF PLANTABLE LOAM AND SHALL BE SEEDED WITH A CONSERVATION GRASS MIX.
23. UPON COMPLETION OF ALL ITEMS LISTED ABOVE, STRAW MULCH SHALL BE LOOSELY SPREAD ON THE CREATED WETLAND BENCHES AND SLOPES FROM THE WATERLINE UP TO PROJECT DISTURBANCE LIMITS.
24. SEED, SHRUBS, AND TREES 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.
25. NO MOUING IS TO OCCUR ALONG THE POND PERIPHERY UNDER POST-PROJECT CONDITIONS. THE ENTIRE ENHANCEMENT AREA IS TO BE ALLOWED TO NATURALIZE.
26. UPON COMPLETION OF THE REPLICATION AREAS, THE BIOLOGIST SHALL FILE A REPORT TO THE CONSERVATION COMMISSION INDICATING THAT REPLICATION HAS BEEN COMPLETED, NOTING THE STATUS OF THE AREAS AND ANY DISCREPANCIES THAT MAY HAVE BEEN ENCOUNTERED. THEREAFTER, THE REPLICATION AREA SHALL BE MONITORED FOR A TWO-YEAR PERIOD, AND THE BIOLOGIST SHALL FILE TWO STATUS REPORTS EACH YEAR (FOUR TOTAL) CONVEYING FINDINGS OF SITE VISITS CONDUCTED PREFERABLY IN MAY OR JUNE AND IN SEPTEMBER OR OCTOBER.
27. AS PART OF MONITORING ACTIVITIES, THE BIOLOGIST SHALL REPORT ON THE PRESENCE OF ANY INVASIVE VEGETATION SPECIES OBSERVED. INVASIVE SPECIES OBSERVED SHALL BE ERADICATED BY MANUAL METHODS OR BY AN HERBICIDE SELECTED AND APPLIED BY A FIRM PROPERLY-LICENSED TO APPLY HERBICIDES. THE SELECTED HERBICIDE SHALL BE APPROVED FOR USE IN WETLANDS AND OPEN WATERS.
28. AS-BUILT PLANS OF THE WETLAND ENHANCEMENT AREA SHALL BE FILED AS PART OF THE CERTIFICATE OF COMPLIANCE (COC) REQUEST (AS DETERMINED BY THE CONSERVATION COMMISSION).

PLAN
SCALE: 1" = 30'

WETLAND H ENHANCEMENT GRADING, SOILS INSTALLATION AND EROSION/SEDIMENTATION CONTROL PLAN GREENBRIER CONDOMINIUMS PREPARED FOR RI SEEKONK HOLDINGS, LLC FALL RIVER AVENUE & COLE STREET SEEKONK, MASSACHUSETTS	
CAPUTO AND WICK LTD.	DATE August 31, 2009
1150 PAWTUCKET AVE. RUMFORD, R.I. 02916 401-434-8880	SHEET 15 of 21