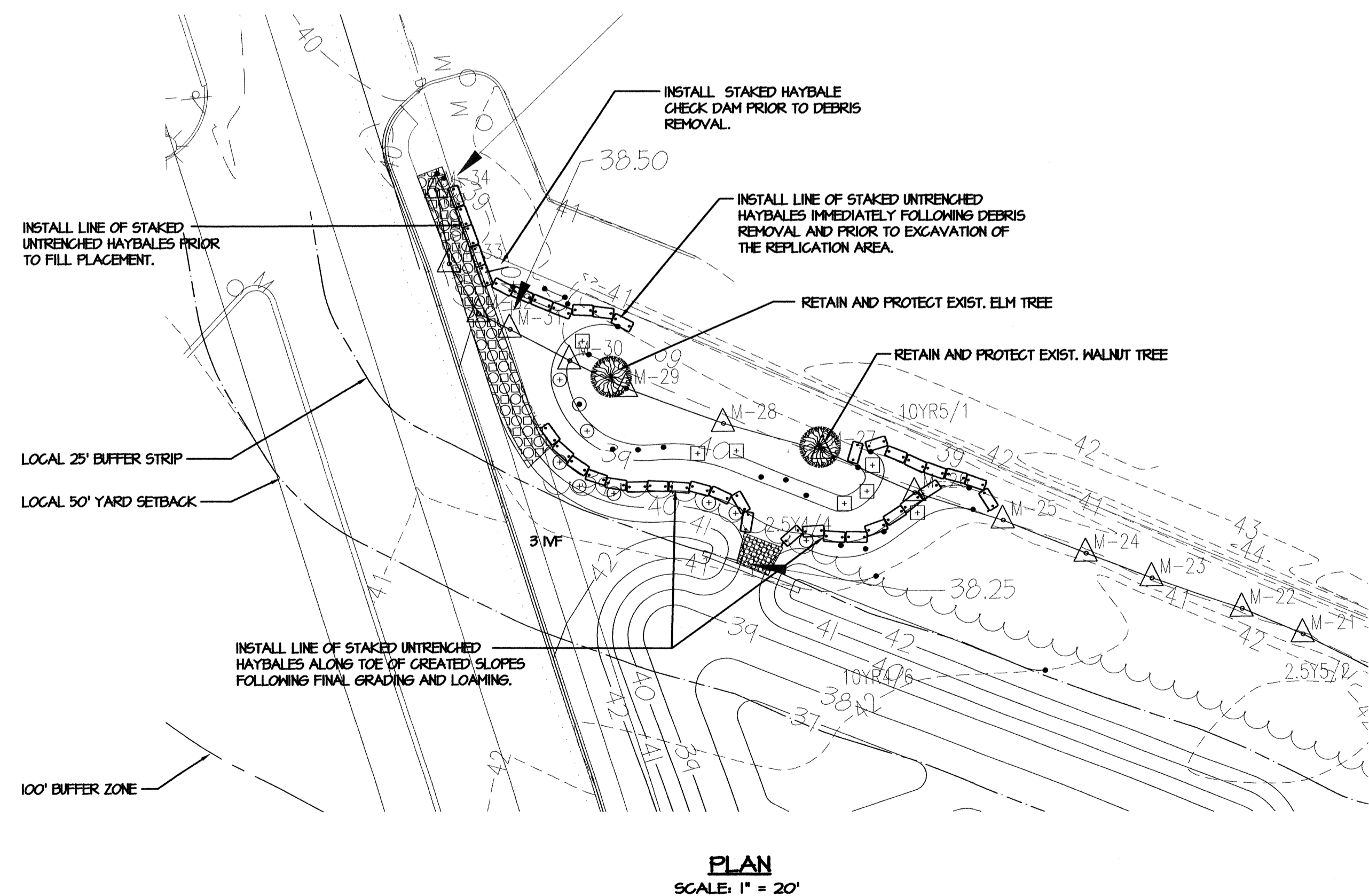
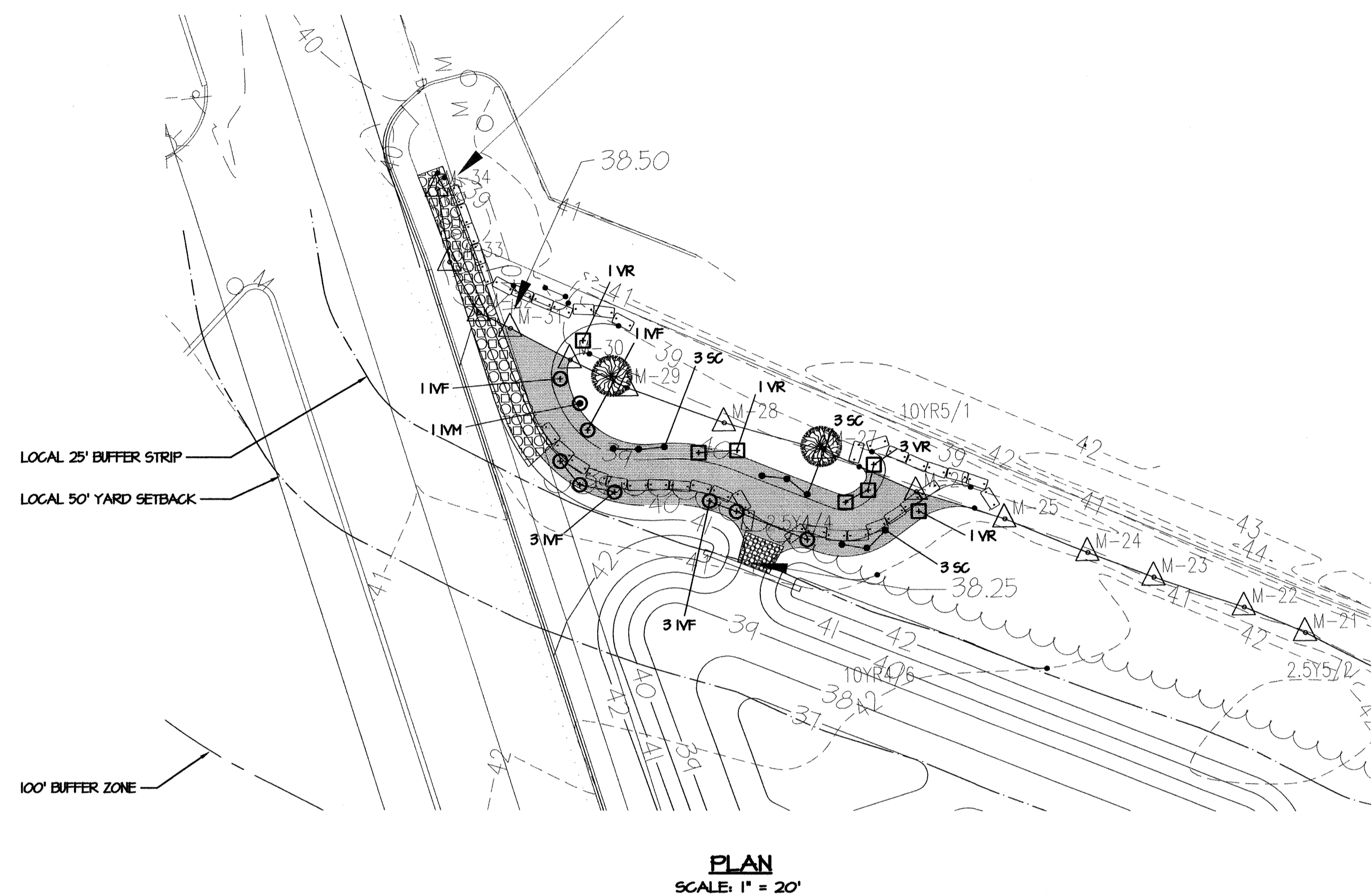


WETLAND REPLICATION NOTES & CONSTRUCTION SEQUENCE
WETLAND M



1. A QUALIFIED BIOLOGIST SHALL BE RETAINED TO MONITOR REPLICATION ACTIVITIES.
2. THE CONSERVATION AGENT AND BIOLOGIST SHALL BE NOTIFIED NOT LESS THAN 72 HOURS IN ADVANCE OF ANTICIPATED COMMENCEMENT OF REPLICATION ACTIVITIES.
3. THE CONTRACTOR SHALL REVIEW THE CONSTRUCTION SEQUENCE WITH THE ENGINEER AND/OR BIOLOGIST PRIOR TO COMMENCEMENT.
4. EXCAVATION OF THE REPLICATION AREA IS TO OCCUR IN SUMMER OR AUTUMN MONTHS WHEN STANDING WATER IS NOT PRESENT IN THE WETLAND.
5. THE AMERICAN ELM AND BLACK WALNUT LOCATED ALONG THE WETLAND EDGE AT EITHER END OF THE BERM TO BE RETAINED SHALL NOT BE CUT AND SHALL BE PROTECTED FROM DAMAGE.
6. REPLICATION ACTIVITIES INCLUDE REMOVAL OF DEBRIS FROM THE WETLAND FLOOR WHERE SHOWN. PRIOR TO DEBRIS REMOVAL, A HAY CHECK DAM SHALL BE INSTALLED ACROSS THE WETLAND SHALE AS SHOWN ON THE PLANS. MACHINERY ACCESS TO THE DEBRIS SHALL OCCUR FROM THE LOCATION SPECIFIED ON THE PLANS. DEBRIS REMOVAL SHALL OCCUR ONLY DOWN TO THE DEPTH OF THE TRUE WETLAND FLOOR, AND FINAL GRADING SHALL BLEND WITH UP AND DOWNGRADIENT FLOOR ELEVATIONS. ANY DEBRIS REMOVED SHALL BE RESPONSIBLY AND LAWFULLY DISPOSED OF.
7. IMMEDIATELY FOLLOWING DEBRIS REMOVAL, A CONTINUOUS LINE OF STAKED UNTRENCHED HAY BALES SHALL BE INSTALLED IN ACCORDANCE WITH THE LOCATIONS DEPICTED ON THESE PLANS (PRIOR TO THE START OF EXCAVATION). THE HAY BALES SERVE AS PERIMETER CONTROLS AND ARE THE WORK LIMITS. NO ACTIVITIES ARE TO OCCUR ON THE WETLAND SIDE OF THE BALES, AND NO STONES, BRUSH, OR OTHER MATERIALS ARE TO BE DEPOSITED ON THE WETLAND SIDE OF THE CONTROLS.
8. EXCAVATION THE REPLICATION AREA IS TO OCCUR FROM NORTH TO SOUTH SO THAT MACHINERY REMAINS ON HIGH GROUND AND SEQUENTIALLY BACKS AWAY FROM THE EXCAVATED AREA.
9. CLEAN MATERIAL EXCAVATED AS PART OF WETLAND REPLICATION IS TO BE HAULED OFF SITE TO A LEGAL, NON-WETLAND DISPOSAL SITE OR RESPONSIBLY REUSED ON SITE ONLY AS PART OF THE ACTIVITIES AUTHORIZED FOR CONDOMINIUM DEVELOPMENT. SOME OF THE EXCAVATED MATERIAL WILL CONTAIN COMMON REED (PHRAGMITES AUSTRALIS) RHIZOMES IN IT. THIS MATERIAL CANNOT BE REUSED NEAR ANY WETLAND OR AS PART OF ANY SURFACE STORMWATER MANAGEMENT STRUCTURE.
10. THE PROPOSED WETLAND FLOOR AND LOWEST ONE FOOT OF THE SIDE SLOPE SHALL BE OVER-EXCAVATED TO ACCOMMODATE 12 INCHES OF EVENLY-SPREAD ORGANIC-MIX SOIL. THE EXCAVATED WETLAND FLOOR SHALL BE GRADED SUCH THAT ITS FINAL ELEVATION BLENDS WITH THE ADJACENT UNDISTURBED WETLAND FLOOR.
11. 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.
12. SIX INCHES OF PLANTABLE LOAM SHALL BE SPREAD ON THE REPLICATION SIDE SLOPES FOLLOWING FINAL SHAPING.
13. IMMEDIATELY FOLLOWING LOAMING, A LINE OF STAKED, UNTRENCHED HAY BALES SHALL BE INSTALLED ON THE CREATED WETLAND FLOOR ALONG THE TOE OF THE SOUTHERN SLOPE WHERE INDICATED ON THE PLANS. ITS WEST END SHALL BEGIN AT THE RIP RAP EMBANKMENT, AND THE BALES SHALL NOT BLOCK THE RIP RAP PAD AT THE OUTLET OF THE UPGRADIENT INFILTRATION BASIN.
14. TREES AND SHRUBS SHALL BE PLANTED IN THE LOCATIONS SHOWN ON THE PLAN, UNDER THE GUIDANCE OF THE BIOLOGIST.
15. THE FLOOR AND LOWEST ONE FOOT OF THE SIDE SLOPES (UP TO EL. 40) SHALL BE SEEDED WITH A HYDRIC GRASS/HERB SEED MIX TO BE SELECTED AND APPROVED BY THE BIOLOGIST. THE SEED MIX SHALL BE @NEW ENGLAND WETMIXA (OR EQUIVALENT), AVAILABLE FROM NEW ENGLAND WETLAND PLANTS, INC., AMHERST, MA.
16. THE SIDE SLOPES 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 REPLICATION SIDE SLOPES WILL BE SEEDED WITH BOTH SEED MIXES (EL. 39 - 40).
17. UPON COMPLETION OF ALL ITEMS LISTED ABOVE, STRAW MULCH SHALL BE LOOSELY SPREAD ON THE CREATED WETLAND FLOOR, SIDE SLOPES, AND ANY OTHER AREAS DISTURBED AND SEEDED AS PART OF REPLICATION ACTIVITIES.
18. SEED, TREES, 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.
19. 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.
20. AS-BUILT PLANS OF THE WETLAND REPLICATION AREA SHALL BE FILED AS PART OF THE CERTIFICATE OF COMPLIANCE (COC) REQUEST (AS DETERMINED BY THE CONSERVATION COMMISSION).

REPLICATION PLANTING SCHEDULE FOR WETLAND M

SYMBOL	QUANTITY	COMMON NAME	SCIENTIFIC NAME	SIZE
⊙	8	WINTERBERRY	ILEX VERTICILLATA (FEMALE)	4' MIN
⊙	1	WINTERBERRY	ILEX VERTICILLATA (MALE)	4' MIN
□	7	NORTHERN ARROWWOOD	VIBURNUM RECOGNITUM	3' MIN
•	9	ELDERBERRY	SAMBUCUS CANADENSIS	3' MIN

WETLAND M REPLICATION AND ENHANCEMENT PLAN GREENBRIER CONDOMINIUMS PREPARED FOR RI SEEKONK HOLDINGS LLC FALL RIVER AVENUE & COLE STREET SEEKONK, MASSACHUSETTS	
CAPUTO AND WICK LTD. 1150 PAWTUCKET AVE. RUMFORD, R.I. 02916 401-434-8880	DATE August 31, 2009 SHEET 16 of 21