



① AQUATIC BENCH PLUG PLANTING DETAIL
S19B SCALE: NOT TO SCALE

AQUATIC BENCH PLANT SCHEDULE

ZONE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
INLET	SCIRPUS CYPERINUS	WOOL GRASS	2" PLUG	12" O.C.
1A	SPARGANIUM AMERICANUM	BURREED	2" PLUG	18" O.C.
1B	PELTANDRA VIRGINICA	ARROW ARUM	2" PLUG	18" O.C.
2A	CAREX COMOSA	BEARDED SEDGE	2" PLUG	18" O.C.
2B	PONTEDERIA CORDATA	PICKERELWEED	2" PLUG	18" O.C.
3A	SCHOENOPLECTUS ACUTUS	HARDSTEM BULRUSH	2" PLUG	18" O.C.
3B	PELTANDRA VIRGINICA	ARROW ARUM	2" PLUG	18" O.C.
4A	JUNCUS EFFUSUS	SOFT RUSH	2" PLUG	18" O.C.
4B	ACORUS AMERICANUS	SWEET FLAG	2" PLUG	18" O.C.
5A	CAREX CRINATA	FRINGED SEDGE	2" PLUG	18" O.C.
5B	PONTEDERIA CORDATA	PICKERELWEED	2" PLUG	18" O.C.
6A	SCHOENOPLECTUS ACUTUS	HARDSTEM BULRUSH	2" PLUG	18" O.C.
6B	PELTANDRA VIRGINICA	ARROW ARUM	2" PLUG	18" O.C.

② TYPICAL STORMWATER MANAGEMENT BASIN
AQUATIC BENCH PLUG PLANTING DETAIL
S19B SCALE: NOT TO SCALE

STORMWATER MANAGEMENT BASIN PLANTING NOTES:

- QUALITY ASSURANCE**
 - NOMENCLATURE: PLANT NAMES SHALL CONFORM TO THE LATEST EDITION OF "STANDARDIZED PLANT NAMES" AS ADOPTED BY THE AMERICAN SOCIETY FOR NURSERY RESEARCH.
 - SIZE AND GRADING: PLANT SIZES AND GRADING SHALL CONFORM TO THE LATEST EDITION OF "AMERICAN STANDARD FOR NURSERY STOCK" AS SPONSORED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. (AAN), UNLESS OTHERWISE SPECIFIED.
 - NURSERY SOURCE: OBTAIN FRESHLY DUG, HEALTHY, VIGOROUS, PLANTS WHICH ARE OF A SIZE AND GRADE SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT. PLANTS SHALL HAVE BEEN LINED OUT IN ROWS, ANNUALLY CULTIVATED, SPRAYED, PRUNED, AND FERTILIZED IN ACCORDANCE WITH THE PRACTICAL CULTURAL PRACTICES. PLANTS AND PLANTS FROM COLD STORAGE ARE NOT ACCEPTABLE.
 - SUBSTITUTIONS: DO NOT MAKE SUBSTITUTIONS OF PLANT MATERIALS IF REQUIRED. LANDSCAPE MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF EQUIVALENCE AND APPROVAL AND USE APPROVED EQUIVALENT MATERIAL WHEN AUTHORIZED. ADJUSTMENTS OF CONTRACT AMOUNT (IF ANY) WILL BE MADE BY CHANGE ORDER.
- SEEDING & PLANTING SEASONS AND TIMING CONDITIONS:**
 - UNLESS OTHERWISE DIRECTED IN WRITING, PLANT STORMWATER MANAGEMENT BASIN AREA FROM APRIL 15 TO JUNE 15, AND FROM AUGUST 15 TO OCTOBER 15.
 - UNLESS OTHERWISE DIRECTED IN WRITING, PLANTING OF PLUGS SHALL BE FROM APRIL 15 TO OCTOBER 30.
 - AREAS UNDERGOING CLEARING OR GRADING, AND ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, OR PLANTING AREAS TO BE ESTABLISHED AND WORK IS COMPLETE, SHALL BE RESTORED WITH PERMANENT VEGETATION AS SOON AS POSSIBLE. AREAS ARE TO BE RESTORED WITHIN 14 DAYS AFTER WORK IS COMPLETE. WORK SHALL BE WITHIN THE SEASONAL LIMITATIONS FOR EACH KIND OF LANDSCAPE MATERIAL. PLANTING OF PLUGS, TEMPORARY VEGETATIVE COVER (TOPSOIL AND TEMPORARY COVER SEED MIX) WITHIN 14 DAYS AFTER WORK IS COMPLETE, FOR SEEDING OUTSIDE PERMITTED SEEDING PERIODS.
 - TEMPORARY ANNUAL PHEASANTS COVER FOR SEEDING OUTSIDE PERMITTED SEEDING PERIODS: SEED AT THE RATE OF 3 TO 4 LBS PER 1,000 SF.
- PRODUCTS**
 - IMPERMEABLE TOPSOIL: PROVIDE TOPSOIL CONFORMING TO THE FOLLOWING: I. ORIGINAL LOAM TOPSOIL, WELL DRAINED HOMOGENOUS TEXTURE, AND OF UNIFORM GRADE, WITHOUT THE ADMIXTURE OF SUBSOIL, CLAY, STONES, ROCKS, DENSE MATERIAL, HARDPAN, CLAY, STONES, SOIL OR OTHER OBSTRUCTIONABLE FOREIGN MATERIAL.
 - CONTAINING NOT LESS THAN 5% NOR MORE THAN 20% ORGANIC MATTER, AND THAT PORTION OF A SAMPLE PASSING A 1/4" SEIVE, AS DETERMINED BY THE WET COMBUSTION METHOD ON A SAMPLE DRIED AT 105° C.
 - CONTAINING THE FOLLOWING WASHED GRADATIONS:

SIZE DESIGNATION	% PASSING
1/4"	100
1/4" - 200	97 - 100
20 - 60	20 - 60
 - SEED: PROVIDE FRESH, CLEAN, NEW-CROPS SEED MIXED IN THE PROPORTIONS SPECIFIED FOR SPECIES AND VARIETY, AND CONFORMING TO FEDERAL AND STATE STANDARDS. PROVIDE THE FOLLOWING MIXES:

WITHIN STORMWATER BASIN: NEW ENGLAND EROSION CONTROL/RESTORATION MIX AS SUPPLIED BY NEW ENGLAND CONTROL SYSTEMS, INC., 120 WEST BROADWAY, BOSTON, MA 02102, OR APPROVED EQUIVALENT.
OUTSIDE STORMWATER BASIN: USE LAWN SEED AT THE RATE OF 5 LBS PER 1,000 SF.

 AMOUNT BY WEIGHT: SPECIES OR VARIETY PURITY MINIMUM %

35% PERENNIAL RYE	98%	90%
25% RED FESCUE	97%	85%
 - FERTILIZER (TO BE USED ON SEDED LAWN AREAS OUTSIDE THE BASIN ONLY):

I. FOR STARTER FERTILIZING: COMMERCIAL STARTER FERTILIZER, CONTAINING PRODUCT CONTAINING 5% NITROGEN, 10% AVAILABLE PHOSPHOROUS, AND 5% WATER SOLUBLE POTASH (5-10-5).
II. FOR FINAL FERTILIZING: IF APPLIED IN SPRING SEASON, SHALL BE A SLOW RELEASE FERTILIZER, CONTAINING 3% N-2% P-2% K-2% NPK. IF APPLIED IN FALL SEASON, SHALL BE AS SPECIFIED IN (C.3) ABOVE.
 - MULCH:

I. LAWN AREAS OUTSIDE STORMWATER BASIN: HYDROSEED OR USE OAT OR WHEAT STRAW FREE OF WEEDS.
II. EROSION CONTROL/RESTORATION MIX AREA: WITHIN BASIN: APPROVED ONLY. DO NOT USE OTHER MULCH WITHIN THE BASIN.
- EXECUTION**
 - PLANTING WORK SHALL BE UNDERTAKEN AS SOON AS SITE AREAS ARE AVAILABLE.
 - THE BASIN MUST BE DRAINED AND FINE GRADED TO FINISHED ELEVATION. PLANTING AREAS SHALL BE GRADED TO A SMOOTH EVEN SURFACE, FREE OF DEPRESSIONS OR RIDGES WITH A UNIFORM LOOSE, FINE TEXTURE.
 - CONTRACTOR SHALL ENSURE APPROPRIATE SEDIMENT CONTROL MEASURES TO ASSURE WATER DRAINED FROM THE BASIN SHALL BE FILTERED FROM SEDIMENT PRIOR TO DISCHARGE TO RECEIVING CONVEYANCE SYSTEMS.
 - TOPSOIL SHALL BE SPREAD NO LESS THAN 4" THICK EXCEPT 6" THICK OVER THE AQUATIC BENCH.
 - FERTILIZING:

I. LAWN SEED: SHALL BE TESTED FOR PH AND LIME ADDED AS NECESSARY. ALL AMENDMENTS SHALL BE CHECKED AND APPROVED BY LANDSCAPE ARCHITECT BEFORE AMENDMENTS ARE MADE.
II. APPLY FERTILIZER AT RATE OF 4 LBS/1000 SF FOR LAWN AREAS.
 - ALL NEWLY SEDED AREAS SHALL BE KEPT MOIST BY WATERING UNTIL VEGETATIVE COVERS ARE WELL ESTABLISHED. CONTRACTOR SHALL KEEPS WATER SURFACE ONLY AT A RATE THAT WILL NOT DISTURB THE NEWLY PLANTED PLUGS.
 - VEGETATIVE AREAS ARE TO BE WARRANTED UNTIL THEY HAVE BECOME ESTABLISHED, AND NOT LESS THAN 60 DAYS AFTER COMPLETION OF ALL WORK AND FINAL ACCEPTANCE.
- THE WATER IN THE BASIN SHALL BE ALLOWED TO RISE TO ITS PERMANENT POOL LEVEL WHEN THE AQUATIC BENCH HAS BEEN PLANTED, ONLY AT A RATE THAT WILL NOT DISTURB THE NEWLY PLANTED PLUGS.**
- VEGETATIVE AREAS ARE TO BE WARRANTED UNTIL THEY HAVE BECOME ESTABLISHED, AND NOT LESS THAN 60 DAYS AFTER COMPLETION OF ALL WORK AND FINAL ACCEPTANCE.**

APPLICANT:
AMEDORE HOMES
1900 WESTERN AVENUE
ALBANY, NY 12203
Ph: (518) 465-1010
Fax: (518) 456-1999

