

GENERAL NOTES:

- SEE ENGINEER'S PLANS FOR ALL SITE LAYOUT, GRADING, DRAINAGE, AND UTILITY DESIGNS (SEE REFERENCES).
- ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE RHODE ISLAND STANDARD SPECIFICATIONS, AS AMENDED.
- THIS PLAN IS FOR PERMITTING PURPOSES AND IS INTENDED TO BE AN ACCURATE GUIDELINE FOR LAYOUT AND SPECIFICATION OF LANDSCAPE PLANTINGS. CONTRACTOR SHALL VERIFY ACTUAL AS-BUILT SITE CONDITIONS PRIOR TO COMMENCING CONSTRUCTION PROCEDURES. FINAL ALIGNMENT OF LANDSCAPE IMPROVEMENTS SHALL BE ADJUSTED ON-SITE AS NECESSARY TO AVOID CONFLICTS WITH OTHER PROPOSED SITE IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, UTILITY AND DRAINAGE DESIGN AND FINAL DESIGN/LAYOUT OF ROADWAYS, SIDEWALKS, AND PROPOSED STRUCTURES.
- UTILITIES ARE PLOTTED FROM BEST AVAILABLE INFORMATION AND SITE OBSERVATIONS. CONTRACTOR SHALL VERIFY UTILITY LOCATIONS BY CONTACTING DIG-SAFE (888-DIG-SAFE (344-7233) or Dial 811), IN ACCORDANCE WITH THE LAWS OF THE STATE OF RI. CONTRACTOR SHALL PROTECT EXISTING UTILITIES DURING CONSTRUCTION. DAMAGE TO ANY ABOVE OR BELOW-GROUND UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OR HER OWN EXPENSE.
- ALL LOAM IN DISTURBED AREAS TO BE STOCKPILED FOR REUSE. DO NOT REMOVE LOAM FROM SITE UNLESS DIRECTED BY OWNER'S REPRESENTATIVE. IF DIRECTED BY OWNER'S REPRESENTATIVE, IT SHALL BE REMOVED OFF-SITE TO AN APPROPRIATE FACILITY FOR FUTURE USE AS DIRECTED BY OWNER.
- ALL EXCESS SOILS, MULLEYS, STUMPS AND OTHER MATERIALS SHALL BE DISCARDED OFF-SITE IN AN ACCEPTABLE MANNER TO ALL STATE, AND MUNICIPALITIES. ALL MATERIALS THAT ARE REMOVED AND DISPOSED SHALL BE DONE SO IN A LEGAL MANNER AND FOLLOW THE SOIL EROSION CONTROL PLAN AT OWNER'S DIRECTION.
- CONTRACTOR SHALL SWEEP DAILY ANY TRICKING ON EXISTING PARKING AREA TO PROTECT EXISTING PAVEMENT SURFACING.
- ALL ITEMS NOT INDICATED FOR REMOVAL AND DISPOSAL SHALL BE PROTECTED BY CONTRACTOR DURING CONSTRUCTION. SHOULD DAMAGE OCCUR AS A RESULT OF CONSTRUCTION PROCEDURES, CONTRACTOR SHALL REPAIR SUCH DAMAGE AT HIS OR HER OWN EXPENSE. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO OBTAIN ANY AND ALL PERMITS REQUIRED BY THE STATE AND THE MUNICIPALITY IN WHICH WORK IS BEING PERFORMED PRIOR TO START OF ANY WORK.
- URBAN COASTAL GREENWAY PUBLIC ACCESS SURFACING:
- PERVIOUS PAVER PROBLEME SURFACING - PAVEMENT SURFACING SHALL BE CONSTRUCTED OF ADA-COMPATIBLE, PRECAST CONCRETE PERVERMEABLE PAVERS SIMILAR TO UNIDEX ECO-PROPA; 5 X 10 SIZE, COLOR: GRANITE, OR APPROVED EQUAL. SET PAVERS IN PERMEABLE APPLICATION - RUNNING BOND PATTERN (INSTALLED IN ACCORDANCE WITH PAVER MANUFACTURER'S SPECIFICATIONS). SET PAVERS ON COMPACTED BASE OF 8" MIN. DEPTH ASTM NO. 2 OPEN GRADED WASHED, CRUSHED STONE RESERVOIR COURSE, 4" MIN. DEPTH ASTM NO. 57 WASHED, CRUSHED STONE BASE, AND 1.5"-2" DEPTH ASTM NO. 8 WASHED, CRUSHED STONE SETTING BED. INFILL OPENINGS WITH ASTM NO. 9 AGGREGATE WASHED, CRUSHED STONE (OR AS PER MANUFACTURER'S SPECIFICATIONS).
- ALL EDGING PAVERS SHALL BE MORTARED IN PLACE. PROVIDE 2' X 2' MOCK-UP OF PAVER PATTERN FOR APPROVAL BY OWNER'S REPRESENTATIVE.
- STONE DUST PUBLIC ACCESS PATHS: TO BE COMPRISED OF 6" MIN. DEPTH COMPACTED PROCESSED GRAVEL BASE MATERIAL FINISHED WITH 2" OF COMPACTED STONE DUST.
- CONCRETE PEDESTRIAN SURFACE AND PADS AT SITE FURNISHINGS: CONCRETE SURFACING SHALL BE COMPRISED OF 4" DEPTH CONCRETE PEDESTRIAN SURFACING IN ACCORDANCE WITH RIDOT STD. SPECIFICATIONS. CONCRETE SURFACING SHALL BE INSTALLED OVER A 8" MIN. DEPTH COMPACTED PROCESSED GRAVEL BASE. SEE DETAIL.
- SCULPTURES: FINAL DESIGN OF SCULPTURES TO BE DETERMINED. ALL SCULPTURES TO BE SET ON 12" MIN. THICKNESS REINFORCED CONCRETE PAD SURFACING (CONCRETE SURFACE TO BE IN ACCORDANCE WITH RIDOT STANDARDS, BROOM FINISH). FINAL SIZE AND LAYOUT OF CONCRETE PAD TO BE AS NEEDED FOR SELECTED SCULPTURES.
- PLANTINGS: SEE LANDSCAPE PLAN FOR DETAILS. FINAL PLANTINGS MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN CONFORMANCE WITH THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, AS AMENDED. SEE LANDSCAPE NOTES FOR SPECIFICATIONS ON ALL PROPOSED PLANTINGS.
- SIGNAGE:
- ENTRY SIGNAGE: SEE DETAILS FOR ARCHITECTURAL CONCEPT, FINAL LOGO, FONT, FINISH, ETC., ARE TO BE DETERMINED.
- URBAN COASTAL GREENWAY SIGNAGE: PROVIDE CLEAR AND UNDERSTANDABLE SIGNS IN ACCORDANCE WITH THE REQUIREMENTS OF THE RI COASTAL RESOURCES MANAGEMENT COUNCIL (RICRMC) URBAN COASTAL GREENWAY DESIGN MANUAL FOR THE METRO BAY REGION. THIS SIGNAGE SHOULD BE POSTED IN PUBLIC ACCESS AREAS.

LANDSCAPE NOTES:

- THE CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS, AND SHALL OBTAIN ALL NECESSARY PERMITS FOR THE PROJECT.
- THE CONTRACTOR SHALL INSTALL ALL PLANT MATERIAL IN CONFORMANCE WITH THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, AND THE CURRENT PLANTING PROCEDURES ESTABLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION, FORMERLY THE AMERICAN ASSOCIATION OF NURSERYMAN.
- ALL PLANT MATERIAL SHALL MEET THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION (FORMERLY THE AMERICAN ASSOCIATION OF NURSERYMEN) STANDARDS FOR NURSERY STOCK, LATEST EDITION, AND ITS AMENDMENTS. PLANT ONLY DURING SEASONS NORMAL TO THE PARTICULAR VARIETY.
- ALL PLANTINGS SHALL BE SIZED IN ACCORDANCE WITH THE SIZES INDICATED ON THE PLANT SCHEDULE, UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.
- SPECIFIED PLANT VARIETIES, QUANTITIES, AND SIZES ARE SUBJECT TO AVAILABILITY AT TIME OF ORDERING AND INSTALLATION. ALL PLANT SUBSTITUTIONS AND/OR CHANGES IN PLANT LOCATION OR SIZE MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE SITE CLEAN OF MISCELLANEOUS DEBRIS THROUGHOUT THE CONSTRUCTION PERIOD. ALL WASTE MATERIAL IS TO BE DISPOSED OF IMMEDIATELY ON AN OFF-SITE LOCATION, UNLESS OTHERWISE INDICATED ON THE PLANS.
- EXISTING VEGETATION PROTECTION LINE - PROTECTIVE BARRIERS ARE TO BE INSTALLED ALONG THE LIMIT OF DISTURBANCE ABUTTING EXISTING VEGETATION TO REMAIN. BARRIERS SHALL NOT BE SUPPORTED BY THE PLANTS THEY ARE PROTECTING, BUT SHALL BE SUPPORTING. THEY SHALL BE A MINIMUM OF THREE FOUR FEET (3'-4") IN LENGTH AND CONSTRUCTED OF A DURABLE MATERIAL SUCH AS WIRE OR SILT FENCE, THAT WILL LAST THROUGH CONSTRUCTION AND BEING PLANTED. USE OF ROPE, TWINE, OR CORDS IS NOT ALLOWED. USE OF HOLLOW HOLES, PRACTICES, UTILIZING ONLY CLEAN SHARP TOOLS - NO AXES TO BE USED FOR PRUNING. CARE SHALL BE TAKEN NOT TO DISPOSE OF PAINT OR ANY OTHER SOLVENTS THAT MAY CHANGE THE SOIL STRUCTURE IN OR AROUND THE ROOTZONE OF VEGETATION SPECIFIED TO REMAIN.
- ANY ACCIDENTALLY DAMAGED ROOTS SHALL BE PRUNED BY A LICENSED ARBORIST.
- ANY ACCIDENTAL DISTRIBUTION OF NON-VEGETATIVE DEBRIS, LIQUID, OR REFUSE WITHIN OR AROUND THE ROOT PROTECTION ZONE OF VEGETATION TO REMAIN SHALL BE IMMEDIATELY CLEANED AND REMOVED FROM SITE LEGALLY AND IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS TO PREVENT CHANGES TO THE SOIL STRUCTURE OR NATURAL ENVIRONMENT OF PROTECTED VEGETATION.
- MAINTENANCE AND WARRANTY:
- ALL PLANTINGS SHALL BE MAINTAINED BY THE OWNER OR CONTRACTOR FROM THE TIME OF PLANTING UNTIL THE PLANTINGS ARE ESTABLISHED. MAINTENANCE DURING THIS PERIOD SHALL INCLUDE WATERING OF PLANTINGS AS NECESSARY TO ENSURE PROPER ESTABLISHMENT OF PLANTINGS.
- CONTRACTOR SHALL PROVIDE A ONE (1) YEAR WARRANTY ON ALL NEW PLANTINGS. SHOULD NEW PLANT MATERIAL DIE (OR DECLINE TO THE POINT WHERE PLANT IS EXPECTED TO DIE) WITHIN THIS WARRANTY PERIOD (OTHER THAN DUE TO NATURAL FACTORS, NATURAL DISASTER, OR NEGLECT), CONTRACTOR SHALL REMOVE THE PLANT AND REPLACE SAID PLANT MATERIAL WITH NEW PLANTINGS IN ACCORDANCE WITH THE SIZE AND VARIETY SPECIFIED. ALL REPLACEMENT PLANT MATERIAL SHALL CARRY A NEW ONE (1) YEAR WARRANTY STARTING FROM THE DATE OF REPLACEMENT. CONTRACTOR SHALL REMOVE ALL STAKES, GUY WIRES, AND TAPE FROM TREES AT THE END OF THE SPECIFIED WARRANTY PERIOD.
- FINAL LOCATIONS OF ALL NEW PLANTINGS SHALL BE ADJUSTED AS NECESSARY BASED ON FINAL AS-BUILT LOCATIONS OF ALL NEW AND EXISTING UTILITIES AND OTHER SITE IMPROVEMENTS.
- ON-SITE TOPSOIL: NO REMOVAL OF TOPSOIL OR UNNECESSARY GRADING/DISTURBANCE OF THE SITE SHALL OCCUR DURING CONSTRUCTION. ALL SOIL REMOVED DURING CONSTRUCTION, EXCEPT FOR SOIL TO BE USED AS TOPSOIL, SHALL BE REMOVED AND STOCKPILED ON-SITE FOR REUSE. DO NOT MIX TOPSOIL WITH SUBSOIL. PROTECT ALL STOCKPILES FROM EROSION AND SEDIMENTATION WITH APPROPRIATE SOIL EROSION AND SEDIMENTATION CONTROLS IN CONFORMANCE WITH THE ENGINEER'S PLANS (SEE REFERENCES).
- PLANTABLE SOIL: ALL LOAM USED AS PLANTABLE SOIL SHALL HAVE A SANDY LOAM TEXTURE RELATIVELY FREE OF SUBSOIL MATERIAL, STONES, ROOTS, LUMPS OF SOIL, TREE LIMBS, TRASH, CONSTRUCTION DEBRIS, OR OTHER OBJECTIONABLE MATERIAL. NEW PLANTING BEDS SHALL BE ENDURED AND PREPARED AS NEEDED AS INDICATED TO PRODUCE A PLANTABLE SOIL CONTAINING A MINIMUM OF 10% ORGANIC MATTER. ON-SITE MATERIAL MAY BE UTILIZED AS PLANTABLE SOIL, BUT SHALL BE AMENDED, SCRENED, AND/OR RAKED AS NECESSARY TO CONFORM TO THE REQUIREMENTS OF ANY OFF-SITE LOAM.
- COMPOST: SHALL BE A WELL DECOMPOSED, STABLE, WEED FREE ORGANIC MATTER SOURCE. IT SHALL BE DERIVED FROM AGRICULTURAL FOOD, AND/YARD TRIMMINGS. THE PRODUCT SHALL CONTAIN NO SUBSTANCES TOXIC TO PLANTS AND SHALL BE REASONABLY FREE (LESS THAN 1 PERCENT BY DRY WEIGHT) OF MAN-MADE FOREIGN MATTER.
- WATERING: THOROUGHLY WATER ALL PLANTS WHEN 2/3 OF BACKFILL HAS BEEN PLACED TO ENSURE ALL AIR POCKETS ARE REMOVED. FIRMLY TAMP SOIL AROUND PLANT. ENSURE PROPER WATERING OF PLANT MATERIAL UNTIL ESTABLISHMENT (ONCE PER DAY FOR 14 DAYS FOLLOWING INSTALLATION, OR AS NEEDED DEPENDING ON FREQUENCY AND QUANTITY OF NATURAL RAINFALL). MONITOR SOIL MOISTURE WITHIN ROOTZONE OF PLANTINGS PRIOR TO AND FOLLOWING EACH WATERING PROCEDURE. DO NOT OVERWATER OR SATURATE ROOTZONE OF PLANTINGS FOR PROLONGED PERIOD OF TIME.
- PRUNING: ALL PLANTING MATERIAL SHALL BE PRUNED IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, AND IN SUCH A MANNER AS TO MAINTAIN THE NATURAL FORM OF THE PLANT. PRUNING SHALL BE COMPLETED UTILIZING ONLY CLEAN SHARP TOOLS. USE OF AXES FOR PRUNING IS UNACCEPTABLE.
- PRUNE ALL PLANT MATERIAL TO REMOVE ANY AND ALL DEADWOOD AND CROSSING BRANCHES.
- MULCH: ALL PLANTINGS SHALL BE MULCHED AS INDICATED ON DETAIL DRAWINGS. PLANTINGS INSTALLED IN CLUSTERS, OR WITHIN PLANTING BEDS SHALL BE MULCHED AS SUCH, INSTALLING MULCH THROUGHOUT THE ENTIRE PLANTING BED. MULCH TO BE 3"-4", OR AS OTHERWISE NOTED, IN DEPTH AND REDUCED TO LESS THAN 1" AT ROOT FLARE OF EACH PLANT.
- BARK MULCH, WHERE INDICATED, SHALL BE WELL AGED, SHREDDED BARK MULCH, NATURAL DARK BROWN IN COLOR AND NON-DYED, OR AS APPROVED BY OWNER'S REPRESENTATIVE.
- LOAM AND SEED:
- LOAM AND SEED ALL DISTURBED AREAS. ALL NEW LAWN AREAS SUBJECT TO EROSION SHALL BE STABILIZED UTILIZING JUTE MESH OR APPROVED EQUAL.
- LOAM UTILIZED OR RETAINED FOR LAWN AREAS SHALL BE SANDY LOAM, CONTAINING A MINIMUM OF 5% ORGANIC MATTER, 6" IN DEPTH, AND CONFORMING TO THE REQUIREMENTS OF THE USGA FOR LAWN PLANTINGS. ON-SITE, NATIVE LOAM MAY BE UTILIZED FOR LAWN AREAS, BUT SHALL BE AMENDED, SCRENED, AND/OR RAKED AS NECESSARY TO CONFORM TO THE REQUIREMENTS OF ANY OFF-SITE LOAM.
- IF INSTALLING SEED UTILIZING HYDROSEED DEVICE, PROVIDE FIBER MULCH AND FERTILIZER MIX.
- SEED MIXES:
- SEED MIX UTILIZED FOR LAWN AREAS SHALL BE SIMILAR TO 'Endophyte Enhanced Mix' AS AVAILABLE THROUGH ALLEN'S SEED, EXETER, RI, OR EQUAL DROUGHT TOLERANT, DEEP ROOTING GRASS SEED, CONTAINING A MINIMUM OF 30% BY WEIGHT OF TURF-TYPE TALL FESCUE.
- SEED MIX UTILIZED FOR COASTAL MEADOW GRASSES AREAS SHALL BE SIMILAR TO RI STATE NATIVE MIX, AS AVAILABLE THROUGH ALLEN'S SEED, EXETER, RI, OR APPROVED EQUAL COMPRISING OF THE FOLLOWING:
30% Hard Fescue
25% Perennial Rye
25% Little Bluestem
20% Switchgrass

