GENERAL LANDSCAPE PLANTING NOTES

- 1. NAMES OF PLANTS AS DESCRIBED ON THIS PLAN CONFORM TO THOSE GIVEN IN "STANDARDIZED PLANT NAMES", 1942 EDITION, PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE. NAMES OF PLANT VARIETIES NOT INCLUDED THEREIN CONFORM TO NAMES GENERALLY ACCEPTED IN 2. ALL EXPOSED GROUND SURFACES THAT ARE NOT PAVED WITHIN THE CONTRACT LIMIT LINE, AND THAT ARE
- COVERED BY LANDSCAPE PLANTING OR SEEDING AS SPECIFIED, SHALL BE COVERED BY A NATURAL MULCH THAT WILL PREVENT SOIL EROSION AND THE EMANATION OF DUST. 3. NO PLANT SHALL BE PUT INTO THE GROUND BEFORE ROUGH GRADING HAS BEEN COMPLETED AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT OR PROJECT ENGINEER. 4. STANDARDS FOR TYPE, SPREAD, HEIGHT, ROOT BALL AND QUALITY OF NEW PLANT MATERIAL SHALL BE IN ACCORDANCE WITH GUIDELINES AS SET FORTH IN THE "AMERICAN STANDARD FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN. PLANT MATERIAL SHALL HAVE NORMAL HABIT OF GROWTH AND BE HEALTHY, VIGOROUS, AND FREE FROM DISEASES AND INSECT INFESTATION. 5. NEW PLANT MATERIAL SHALL BE NURSERY GROWN UNLESS SPECIFIED OTHERWISE. ALL PLANTS SHALL BE SET PLUMB AND SHALL BEAR THE SAME RELATIONSHIP TO FINISHED GRADE AS THE PLANT'S ORIGINAL GRADE BEFORE DIGGING. PLANT MATERIAL OF THE SAME SPECIES AND SPECIFIED AS THE SAME SIZE SHOUL BE SIMILAR IN SHAPE, COLOR AND HABIT. THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REJECT PLANT
- MATERIAL THAT DOES NOT CONFORM TO THE TYPICAL OR SPECIFIED HABIT OF THAT SPECIES. 6. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITY AND SEWER LINES PRIOR TO THE START OF EXCAVATION ACTIVITIES. NOTIFY THE PROJECT ENGINEER AND OWNER IMMEDIATELY OF ANY CONFLICTS WITH PROPOSED PLANTING LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR
- 7. THE CONTRACTOR SHALL NOT MAKE SUBSTITUTIONS. IF THE SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE, THE CONTRACTOR SHALL SUBMIT PROOF OF NON-AVAILABILITY TO THE PROJECT LANDSCAPE 8. LANDSCAPE CONTRACTOR TO STAKE OUT PLANTING LOCATIONS, FOR REVIEW AND APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT AND/OR OWNER BEFORE PLANTING WORK BEGINS. THE PROJECT LANDSCAPE ARCHITECT AND/OR OWNER SHALL DIRECT THE CONTRACTOR IN THE FINAL PLACEMENT OF ALL PLANT MATERIAL AND LOCATION OF PLANTING BEDS TO ENSURE COMPLIANCE WITH DESIGN INTENT UNLESS
- 9. THE PROJECT LANDSCAPE ARCHITECT MAY REVIEW PLANT MATERIALS AT THE SITE, BEFORE PLANTING, FOR COMPLIANCE WITH REQUIREMENTS FOR GENUS, SPECIES, VARIETY, SIZE, AND QUALITY. THE PROJECT LANDSCAPE ARCHITECT RETAINS THE RIGHT TO FURTHER REVIEW PLANT MATERIALS FOR SIZE AND CONDITION OF BALLS AND ROOT SYSTEM, INSECTS, INJURIES, AND LATENT DEFECTS, AND TO REJECT UNSATISFACTORY OR DEFECTIVE MATERIAL AT ANY TIME DURING PROGRESS OF WORK. THE CONTRACTOR SHALL REMOVE REJECTED PLANT MATERIALS IMMEDIATELY FROM PROJECT SITE AS DIRECTED BY THE PROJECT LANDSCAPE
- A. PACKAGED MATERIALS: PACKAGED MATERIALS SHALL BE DELIVERED IN CONTAINERS SHOWING WEIGHT, ANALYSIS, AND NAME OF MANUFACTURER. MATERIALS SHALL BE PROTECTED FROM DETERIORATION B. TREES AND SHRUBS: THE CONTRACTOR SHALL PROVIDE TREES AND SHRUBS DUG FOR THE GROWING SEASON FOR WHICH THEY WILL BE PLANTED. DO NOT PRUNE PRIOR TO DELIVERY UNLESS OTHERWISE DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT. DO NOT BEND OR BIND—TIE TREES OR SHRUBS IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES, OR DESTROY NATURAL SHAPE. PROVIDE ROTECTIVE COVERING DURING TRANSIT. DO NOT DROP BALLED AND BURLAPPED STOCK DURING C. ALL PLANTS SHALL BE BALLED AND BURLAPPED OR CONTAINER GROWN AS SPECIFIED. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOTBALL WRAPPING AND BINDING MATERIAL MADE OF SYNTHETICS OR PLASTICS SHALL BE REMOVED FROM THE TOP OF THE BALL THE TIME OF PLANTING. IF THE PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, THE WIRE BASKET SHALL BE CUT AND FOLDED DOWN 8 INCHES INTO THE PLANTING HOLE. WITH CONTAINER THE CONTRACTOR SHALL HAVE TREES AND SHRUBS DELIVERED TO SITE AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED AND PLANT IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN 6 HOURS AFTER DELIVERY, THE CONTRACTOR SHALL SET TREES AND SHRUBS IN SHADE, PROTECT FROM WEATHER AND MECHANICAL DAMAGE AND KEEP ROOTS MOIST BY COVERING WITH MULCH, BURLAP OR OTHER ACCEPTABLE MEANS OF RETAINING MOISTURE.
- 11. ALL LANDSCAPED AREAS TO BE CLEARED OF ROCKS, STUMPS, TRASH AND OTHER UNSIGHTLY DEBRIS. ALL FINE GRADED AREAS SHOULD BE HAND RAKED SMOOTH ELIMINATING ANY CLUMPS AND AND UNEVEN SURFACES PRIOR TO PLANTING OR MULCHING. 12. ALL PLANT MATERIAL SHALL BE INSTALLED AS PER DETAILS, NOTES AND CONTRACT SPECIFICATIONS. THE PROJECT LANDSCAPE ARCHITECT MAY REVIEW INSTALLATION AND MAINTENANCE PROCEDURES.
- 13. NEW PLANT MATERIAL SHALL BE GUARANTEED TO BE ALIVE AND IN VIGOROUS GROWING CONDITION FOR A PERIOD OF ONE YEAR FOLLOWING ACCEPTANCE BY THE OWNER. PLANT MATERIAL FOUND TO BE UNHEALTHY, DYING OR DEAD DURING THIS PERIOD, SHALL BE REMOVED AND REPLACED IN KIND BY THE
- 14. THE CONTRACTOR SHALL KEEP AREA CLEAN DURING DELIVERY AND INSTALLATION OF PLANT MATERIALS. REMOVE AND DISPOSE OF OFF-SITE ANY ACCUMULATED DEBRIS OR UNUSED MATERIALS. REPAIR DAMAGE TO ADJACENT AREAS CAUSED BY LANDSCAPE INSTALLATION OPERATIONS. 15. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24-HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY OR AS REQUIRED BY SITE AND WEATHER CONDITIONS TO MAINTAIN VIGOROUS AND HEALTHY PLANT GROWTH.
- 16. THE BACKFILL MIXTURE AND SOIL MIXES TO BE INSTALLED PER THE SPECIFICATIONS. 17. AFTER PLANT IS PLACED IN TREE PIT LOCATION, ALL TWINE HOLDING ROOT BALL TOGETHER SHOULD BE TELY REMOVED AND THE BURLAP SHOULD BE PULLED DOWN SO 1/3 OF THE ROOT BALL IS
- EXPOSED. SYNTHETIC BURLAP SHOULD BE COMPLETELY REMOVED AFTER INSTALLATION. 18. MULCH SHOULD NOT BE PILED UP AROUND THE TRUNK OF ANY PLANT MATERIAL. NO MULCH OR TOPSOIL SHOULD BE TOUCHING THE BASE OF THE TRUNK ABOVE THE ROOT COLLAR. 19. ALL FENCE INSTALLATION SHALL BE COMPLETED PRIOR TO COMMENCEMENT OF ANY LANDSCAPE PLANTING, LAWN AND GRASSES, OR IRRIGATION WORK.
- 20. FOR ANY DISCREPANCIES BETWEEN THE PLANT SCHEDULE AND PLANTING PLAN THE GRAPHIC QUANTITY SHOWN SHALL GOVERN. 21. PLANT MATERIALS SHALL NOT BE PLANTED UNTIL THE FINISHED GRADING HAS BEEN COMPLETED. 22. ALL PLANT INSTALLATIONS SHALL BE COMPLETED EITHER BETWEEN APRIL 1 — JUNE 15 OR AUGUST 15 — NOVEMBER 1, UNLESS OTHERWISE DIRECTED BY THE PROJECT LANDSCAPE ARCHITECT. SEE LAWN SEEDING DATES IN SEEDING NOTES.

LANDSCAPE MAINTENANCE NOTES

1. MAINTENANCE OPERATIONS BEFORE APPROVAL:

2. MAINTENANCE DURING CONSTRUCTION:

10. DELIVERY, STORAGE, AND HANDLING

- A. PLANT CARE SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS SATISFACTORILY INSTALLED AND SHALL CONTINUE THROUGHOUT THE LIFE OF THE CONTRACT UNTIL FINAL ACCEPTANCE OF THE PROJECT. B. CARE SHALL INCLUDE, BUT NOT BE LIMITED TO, REPLACING MULCH THAT HAS BEEN DISPLACED BY EROSION OR OTHER MEANS, REPAIRING AND RESHAPING WATER RINGS OR SAUCERS, MAINTAINING STAKES AND GUYS AS ORIGINALLY INSTALLED, WATERING WHEN NEEDED OR DIRECTED, AND PERFORMING ANY C. CONTRACTOR SHALL REMOVE AND REPLACE ALL DEAD, DEFECTIVE AND/OR REJECTED PLANTS AS
- A. MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER PLANTING. PLANTS SHALL BE WATERED, MULCHED, WEEDED, PRUNED, SPRAYED, FERTILIZED, CULTIVATED, AND OTHERWISE MAINTAINED AND PROTECTED UNTIL PROVISIONAL ACCEPTANCE. SETTLED PLANTS SHALL BE RESET TO PROPER GRADE AND POSITION, AND REPAIRED. DEFECTIVE WORK SHALL BE CORRECTED AS SOON AS POSSIBLE AFTER IT BECOMES APPARENT AND WEATHER AND SEASON PERMIT.
- B. IF A SUBSTANTIAL NUMBER OF PLANTS ARE SICKLY OR DEAD AT THE TIME OF INSPECTION, ACCEPTANCE SHALL NOT BE GRANTED AND THE CONTRACTOR'S RESPONSIBILITY FOR MAINTENANCE OF ALL PLANTS SHALL BE EXTENDED FROM THE TIME REPLACEMENTS ARE MADE OR EXISTING PLANTS ARE DEEMED C. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE SPECIFIED ON THE PLANT LIST OR THAT WHICH WAS TO REMAIN OR BE RELOCATED. THEY SHALL BE FURNISHED AND PLANTED AS SPECIFIED. THE COST SHALL BE BORNE BY THE CONTRACTOR. REPLACEMENTS RESULTING FROM REMOVAL, LOSS, OR DAMAGE DUE TO OCCUPANCY OF THE PROJECT IN ANY PART, VANDALISM, PHYSICAL DAMAGE BY ANIMALS, VEHICLES, ETC., AND LOSSES DUE TO CURTAILMENT OF WATER BY LOCAL AUTHORITIES SHALL BE
- E. AT THE END OF THE ESTABLISHMENT PERIOD, INSPECTION SHALL BE MADE AGAIN. ANY PLANT REQUIRED UNDER THIS CONTRACT THAT IS DEAD OR UNSATISFACTORY TO THE PROJECT LANDSCAPE ARCHITECT OR

D. PLANTS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER INSPECTION AND PROVISIONAL

A. BEGIN MAINTENANCE IMMEDIATELY AFTER EACH PORTION OF LAWN IS PLANTED AND CONTINUE FOR 8 WEEKS AFTER ALL LAWN PLANTING IS COMPLETED. B. WATER TO KEEP SURFACE SOIL MOIST, REPAIR WASHED OUT AREAS BY FILLING WITH TOPSOIL, LIMING FERTILIZING AND RE-SEEDING; MOW TO 2 1/2-3 INCHES AFTER GRASS REACHES 3 1/2 INCHES IN HEIGHT, AND MOW FREQUENTLY ENOUGH TO KEEP GRASS FROM EXCEEDING 3 1/2 INCHES. WEED BY

LOCAL SPOT APPLICATION OF SELECTIVE HERBICIDE ONLY AFTER GRASS IS WELL-ESTABLISHED.

LAWN WATERING SCHEDULE

FROM SFFD. THE CONTRACTOR SHALL BE OBLIGATED TO ENSURE A HEALTHY STAND OF GRASS AT THE END OF THE MAINTENANCE/BOND PERIOD. ANY BARE OR DEAD AREAS IN THE LAWN SHALL BE PREPARED, RESEEDED AND REESTABLISHED PRIOR TO THE END OF THE MAINTENANCE/BOND PERIOD AND TO THE SATISFACTION OF THE PROJECT LANDSCAPE ARCHITECT AND THE OWNER. IMPORTANT ASPECTS TO ATTAINING AND SUSTAINING A HEALTHY STAND OF GRASS ARE THE INSTALLATION OF TOPSOIL, SEED BED PREPARATION, ATTAINING OPTIMAL pH FOR THE INTENDED PLANT SPECIES, FERTILIZING, MULCH COVERING, AND SUFFICIENT WATERING PER THESE NOTES AND/OR PROJECT SPECIFICATIONS. SEEDING SHALL BE DONE DURING THE SEASONS SPECIFIED IN THE LAWN SEED MIX NOTES AND/OR PROJECT SPECIFICATIONS.

- AFTER THE SEEDBED IS PREPARED, SEED IS INSTALLED, AND MULCH IS APPLIED, WATER LIGHTLY TO KEEP
 THE TOP 2 INCHES OF SOIL CONSISTENTLY MOIST, NOT SATURATED. AT NO TIME SHOULD WATER BE
 APPLIED TO THE POINT OF RUNOFF OR THE DISPLACEMENT OF SEED. 3. DEPENDING ON SOIL TEMPERATURES, IT MAY TAKE SEVERAL WEEKS FOR GERMINATION TO OCCUR. DIFFERENT SPECIES WITHIN THE MIX GERMINATE AT DIFFERENT TIMES AND THEREFORE CONTRACTOR SHOULD CONTINUE THE LIGHT WATERING, AS DESCRIBED ABOVE, UNTIL THERE IS AT LEAST 2 INCHES OF
- 4. AT THIS POINT, WATERING FREQUENCY MAY BE REDUCED TO EVERY 3 TO 5 DAYS. WATER SHALL BE APPLIED TO WET A 6 INCH MINIMUM SOIL DEPTH TO PROMOTE HEALTHY DEEP ROOTS. 5. BEGIN MOWING ONCE PER WEEK AFTER THE GRASS HAS REACHED 3 INCHES HEIGHT. MOW TO A HEIGHT OF NO LESS THAN 2-1/2 INCHES. AFTER 2 TO 3 WEEKS OF MOWING, CONTINUE TO WATER TO A 6 INCH MINIMUM SOIL DEPTH AS NECESSARY PER WEATHER CONDITIONS, AND SOIL MOISTURE SENSORS IF APPLICABLE.

LAWN SEED MIX:

. LAWN SEED MIX: LESCO GRASS SEED - ALL PRO TRANSITION MIX (3 TURF-TYPE TALL-FESCUE A) SEED RATE:

-) NEW ESTABLISHMENT: SEED AT A RATE OF 6-8 LBS/1000 SQ FT 2) RENOVATION: 20-50% EXISTING COVER: 5-7 LBS/1000 SQ F 50-75% EXISTING COVER: 4-6 LBS/1000 SQ FT 2. GENERAL SEED NOTES:
- A) FINAL SEED MIXTURES, RATES, AND SPECIES TO BE DETERMINED BASED ON PROJECT LANDSCAPE ARCHITECT REVIEW. B) SEEDING SHALL TAKE PLACE IN THE SPRING (APRIL 1 TO JUNE 15) OR THE FALL (SEPTEMBER 1 TO C) ELIMINATE UNWANTED VEGETATION PRIOR TO SEEDING USING A NON-SELECTIVE BASED HERBICIDE PER MANUFACTURER'S SPECIFICATIONS. D) IT IS RECOMMENDED THAT CONTRACTOR INSTALL SEED MIXTURE USING A NO-TILL TRUAX-TYPE DRILL

E) THERE MUST BE CONTINUOUS SOIL MOISTURE FOR 4-6 WEEKS TO ALLOW FOR PROPER GERMINATION.

PLANTING SOIL SPECIFICATIONS

1. PLANTING SOIL, ALTERNATELY MAY BE REFERRED TO AS TOPSOIL, SHOULD BE FRIABLE, FERTILE, WELL DRAINED, FREE OF DEBRIS, TOXINS, TRASH AND STONES OVER 1/2" DIA., IT SHOULD HAVE A HIGH ORGANIC CONTENT SUITABLE TO SUSTAIN HÉALTHY PLANT GROWTH AND SHOULD LOOK AESTHETICALLY PLEASING HAVING NO NOXIOUS ODORS.

REUSE SURFACE SOILS STOCKPILED ON SITE, VERIFYING COMPLIANCE WITH PLANTING SOIL AND TOPSOIL CRITERIA IN THIS SPECIFICATION THROUGH TESTING. CLEAN SURFACE SOIL OF ALL ROOTS, PLANTS, SOD, AND GRAVEL OVER 1" IN DIAMETER AND DELETERIOUS MATERIALS. IF ON-SITE SOILS ARE TO BE USED FOR MFFT THE SAME CRITERIA AS INDICATED IN NOTES PLANS AND SPECIFICATIONS. SUPPLEMENT WITH IMPORTED OR MANUFACTURED TOPSOIL FROM OFF SITE SOURCES WHEN TOPSOIL AND PLANTING SOIL QUANTITIES ARE INSUFFICIENT. OBTAIN SOIL DISPLACED FROM NATURALLY WELL-DRAINED SITES WHERE TOPSOIL OCCURS AT LEAST 4" DEEP. DO NOT OBTAIN FROM AGRICULTURAL LAND, BOGS, MARSHES OR CONTRACTOR SHALL TEST SOILS AND FURNISH SAMPLES UPON REQUEST, PACKAGED MATERIALS SHALL BE UNOPENED BAGS OR CONTAINERS, EACH BEARING A NAME, GUARANTEE, AND TRADEMARK OF THE PRODUCER, MATERIAL COMPOSITION, MANUFACTURER'S CERTIFIED ANALYSIS, AND THE WEIGHT OF THE MATERIALS. SOIL OR AMENDMENT MATERIALS SHALL BE STORED ON SITE TEMPORARILY IN STOCKPILES PRIOR TO PLACEMENT AND SHALL BE PROTECTED FROM INTRUSION OF CONTAMINANTS AND EROSION. AFTER MIXING, SOIL MATERIALS

SHALL BE COVERED WITH A TARPAULIN UNTIL TIME OF ACTUAL USE. ALL PLANTING SOILS SHALL BE SUBMITTED FOR TESTING TO THE STATE COOPERATIVE EXTENSION SERVICE, OF APPROVED EQUAL, PRIOR TO DELIVERY TO THE SITE. CONTRACTOR SHALL FURNISH SOIL SAMPLES AND SOIL TEST RESULTS TO LANDSCAPE ARCHITECT OR OWNER AT A RATE OF ONE SAMPLE PER 500 CUBIC YARDS ENSURE CONSISTENCY ACROSS THE TOTAL VOLUME OF PLANTING SOIL REQUIRED. TEST RESULTS SHALL VALUATE FOR ALL CRITERIA LISTED IN THIS SPECIFICATION. IF TESTING AGENCY DETERMINES THAT THE SOILS ARE DEFICIENT IN ANY MANNER AND MAY BE CORRECTED BY ADDING AMENDMENTS. THE CONTRACTOR LLOW STATED RECOMMENDATIONS FOR SOIL IMPROVEMENT AND FURNISH SUBMITTALS FOR ALL AMENDMENTS PRIOR TO DELIVERY OF SOIL TO THE PROJECT SITE. A. THE FOLLOWING TESTING SHOULD BE PERFORMED AND RESULTS GIVEN TO THE LANDSCAPE ARCHITECT FOR APPROVAL BEFORE INSTALLATION:

a. PARTICLE SIZE ANALYSIS - LOAMY SAND: 60-75% SAND, 25-40% SILT, AND 5-15% CLAY. b. FERTILITY ANALYSIS: pH (5.5-6.5), SOLUBLE SALTS (LESS THAN 2 MMHO/CM), NITRATE, PHOSPHATE, POTASSIUM, CALCIUM AND MAGNESIUM c. ORGANIC MATTER CONTENT: 2.5-5% IN NATIVE SOILS; UP TO 10% IN AMENDED SOILS d. TOXIC SUBSTANCE ANALYSIS e. MATERIAL DRAINAGE RATE: 60% PASSING IN 2 MINUTES, 40% RETAINED f. NOT MORE THAN 1% OF MATERIAL SHALL BE RETAINED BY A #4 SIEVE SOIL AMENDMENT FOR PLANT MATERIAL:
IF SOIL ORGANIC CONTENT IS INADEQUATE, SOIL SHALL BE AMENDED WITH COMPOST OR ACCEPTABLE, WEED

REE, ORGANIC MATTER. ORGANIC AMENDMENT SHALL BE WELL COMPOSTED, PH RANGE OF 6-8; MOISTURE CONTENT 35-55% BY WEIGHT 100% PASSING THROUGH 1" SIEVE; SOLUBLE SALT CONTENT LESS THAN 0.5 MM HOS/CM; MEETING ALL APPLICABLE ENVIRONMENTAL CRITERIA FOR CLEAN FILL A. ORGANIC MATTER AS A SOIL AMENDMENT: LEAF MOLD WITH 60-90% ORGANIC CONTENT BY WEIGHT. SHREDDED LEAF LITTER, COMPOSTED FOR A MINIMUM OF 1 YR. SHOULD BE FREE OF DEBRIS, STONES B. SOIL IN BEDS AND PLANTING ISLANDS OTHER THAN BACKFILL MATERIAL AND TOPSOIL, SHOULD BE FRIABLE, WELL DRAINED, AND FREE OF DEBRIS, INCLUDING STONES AND TRASH.

C. AMENDMENTS FOR BACK FILL IN TREE AND SHRUB PITS: a. GROUND LIMESTONE (WITH A MIN. OF 88% OF CALCIUM AND MAGNESIUM CARBONATES) USED PENDING - BRING pH LEVELS TO 5.5 MIN. TO 6.5 FOR NON-ERICACEOUS PLANTS
- BRING pH LEVELS TO 4.5 MIN. TO 5.5 FOR ERICACEOUS PLANTS b. TERRA-SORB BY 'PLANT HEALTH CARE' 800-421-9051 (SEE MANUFACTURER RECOMMENDATIONS) JSED IN PLANTER BACKFILL MIXTURE WITH TREES AND SHRUBS. c. MYCOR-ROOT SAVER BY 'PLANT HEALTH CARE' 800-421-9051 (SEE MANUFACTURER RECOMMENDATIONS) USED IN BACKFILL MIXTURE WITH TREES.

4. WHERE PLANTING AREAS ARE PROPOSED FOR FORMER PAVED OR GRAVEL AREAS, BEDS SHALL BE EXCAVATED TO A MINIMUM 30" DEPTH AND, AT A MINIMUM, BE BACKFILLED WITH BOTTOM LAYER OF SANDY DAM (ORGANIC CONTENT LESS THAN 2%) OVER WHICH TOPSOIL AND PLANTING SOILS WILL BE PLACED AT DEPTHS INDICATED IN PLANS, DETAILS AND NOTES. a. BIORETENTION SOIL MIX IS TO BE USED IN ALL DETENTION BASINS AND RAIN GARDENS.

b. MIX TO CONSIST OF 60% COARSE SAND, 40% SUBMITTED TOPSOIL/HORTICULTURAL SOIL MIX c. TOPSOIL/HORTICULTURAL SOIL MIX: REFER TO SPECIFICATIONS LISTED IN SECTION ABOVE

d. COARSE SAND 1) PARTICLE SIZE ANALYSIS PERCENT PASSING 3/8 INCH (9.5 MM) NO 4 (4.75 MM) NO 8 (2.36 MM) 25-60 NO 30 (.60 MM) 10-30 NO 50 (.30 MM)

2) CHEMICAL ANALYSIS PH: LOWER THAN 7.0 TOXIC SUBSTANCE ANALYSIS

e. FINAL BIORETENTION MIX 1) PARTICLE SIZE ANALYSIS a) SAND - 80-85%

2) CHEMICAL ANALYSIS

a) PH - 5.5-6.5

b) SILT - 10-15% c) CLAY - 2-5% NOT MORE THAN 1% OF MATERIAL TO BE RETAINED BY A #4 SIEVE

b) SOLUBLE SALTS: LESS THAN 2 MMHO/CM 3) CONTRACTOR TO SUBMIT TOXIC SUBSTANCE ANALYSIS AND MATERIAL DRAINAGE RATE IN ADDITION TO INFORMATION LISTED ABOVE. DRAINAGE RATE OF MATERIAL TO EXCEED 1 INCH/HOUR

ANDSCAPE FILL MATERIAL, BELOW PLANTING SOILS, SHALL HAVE THE PHYSICAL PROPERTIES OF A SANDY LOAM WITH AN ORGANIC CONTENT OF LESS THAN 2% AND A PH BETWEEN 5 -

A. CONTRACTOR TO PROVIDE SIX INCHES (6") MINIMUM DEPTH PLANTING SOIL LAYER IN LAWN AREAS. TWELVE INCHES (12") MINIMUM DEPTH PLANTING SOIL LAYER IN GROUNDCOVER AND PERENNIAL AREAS EIGHTEEN INCHES (18") MINIMUM DEPTH PLANTING SOIL LAYER IN SHRUB AREAS, AND THIRTY-SIX INCHES (36") MINIMUM DEPTH PLANTING SOIL LAYER IN TREE PLANTING AREAS. INCH DEPTH LAYER OF PLANTING SOIL INTO THE SUBSOIL PRIOR TO PLACING PLANTING SOIL AT THE DEPTHS INDICATED ABOVE. PLANTING SOIL SHALL BE PLACED IN 12–18" LIFTS AND WATER THOROUGHLY BEFORE INSTALLING NEXT LIFT. REPEAT UNTIL DEPTHS AND FINISH GRADES HAVE BEEN ACHIEVED. NO

SOILS SHALL BE PLACED IN A FROZEN OR MUDDY CONDITION. C. PLANTING SOIL PRESENT AT THE SITE, IF ANY, MAY BE USED TO SUPPLEMENT TOTAL AMOUNT REQUIRED. CONTRACTOR TO FURNISH AN ANALYSIS OF ON—SITE PLANTING SOIL UTILIZED IN ALL PLANTING AREAS. A. ADJUST PH AND NUTRIENT LEVELS AS REQUIRED TO ENSURE AN ACCEPTABLE GROWING MEDIUM. LOWER PH USING ELEMENTAL SULFUR ONLY. PEAT MOSS OR COPPER SULFATE MAY NOT BE USED. GROUND

LIMESTONE AS A SOIL AMENDMENT MATERIAL WILL ONLY BE USED PENDING RESULTS OF SOIL ANALYSIS. PROVIDE WITH MINIMUM 88% CALCIUM AND MAGNESIUM CARBONATES AND SHALL HAVE TOTAL 100% PASSING THE 10 MESH SIEVE, MINIMUM 90% PASSING 20 MESH SIEVE, AND MINIMUM 60% PASSING 100 B. ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF AT THE CONTRACTOR'S

C. SOIL MODIFICATIONS (PENDING RESULTS OF SOIL ANALYSIS): a. THOROUGHLY TILL ORGANIC MATTER (LEAF COMPOST) INTO THE TOP 6 TO 12 IN. OF MOST PLANTING SOILS TO IMPROVE THE SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS. ALL PRODUCTS SHOULD STRUCTURE. AVOID MATERIAL WITH A pH HIGHER THAN 7.0. PEAT MOSS MAY NOT BE USED AS

b. MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE BARK (UP TO 30% BY VOLUME) AND/OR GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. IMPROVE DRAINAGE IN HEAVY SOILS BY PLANTING ON RAISED MOUNDS OR BEDS AND INCLUDING SUBSURFACE DRAINAGE LINES. c. MODIFY EXTREMELY SANDY SOILS (MORE THAN 85% SAND) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM UP TO 30% OF THE TOTAL MIX.

COIR LOG NOTES

- . PLACE COIR LOG ALONG THE TOE OF THE BANK (SEE SECTION ELEVATION). 2. SUBMERGE THE COIR LOG AT A CONSTANT DEPTH OF 1/2 TO 2/3 OF THE COIR LOG'S HEIGHT. THE PROPER SUBMERSION OF THE COIR LOG IS IMPORTANT FOR THE PLUGGED
- PLANTS SURVIVAL. 3. TIE THE ENDS OF THE ADJACENT COIR LOGS TOGETHER WITH THE RECOMMENDED COIR TWINE OR APPROVED EQUAL. MAKE A NUMBER OF PASSES WITH THE TWINE IN THE END NETTING OF THE ADJACENT COIR LOGS-EFFECTIVELY LACING THE COIR LOGS TOGETHER. 4. PUSH WOOD STAKES (3" X 3" X 36" OR 2" X 2" X 36", DEPENDING ON THE FLOW VELOCITY) THROUGH TWO LOOPS OF THE COIR LOG'S NETTING ON THE WATERSIDE OF THE
- COIR LOG (SEE SECTION ELEVATION). 5. DRIVE THE STAKES IN AT THE RECOMMENDED SPACING OF 40" O.C.. POUND THE STAKES DOWN SO THE TOP OF THE STAKE IS LEVEL WITH THE LOOP OF THE COIR LOG. 6. CINCH THE COIR LOG EVERY 120" BY DRIVING TWO STAKES HELD TOGETHER BY TWINE TO PREVENT MOVEMENT OF COIR LOG (SEE PLAN AND CINCH DETAIL). WHERE A COIR LOG DOES NOT ABUT ANOTHER COIR LOG, BEND THE END IN TOWARDS THE

9. PLUG PLANTS INTO THE COIR LOG BY PULLING THE COIR LOG'S FIBERS APART WITH FINGERS

SHORE AND DIG IT INTO THE BANK. THIS KEEPS THE WATER FROM GETTING BEHIND THE COIR LOG, PREVENTING PULL OUT OF THE LOGS. (BE CERTAIN TO TRENCH IN BOTH ENDS OF EITHER A SINGLE OR A CONTINUOUS LINE OF COIR LOGS) B. BEGIN PLANTING AFTER THE COIR LOGS HAVE BEEN IN WATER FOR A SHORT PERIOD OF

AND GENTLY PUSHING THE PLUG DEEP INTO THE COIR LOG.

MEADOW SEED NOTES

MEADOW SEED MIX A ERNST SEED MIX ERNMX-183 "NATIVE DETENTION AREA MIX" 32% PANICUM CLANDESTINUM, 'TIOGA' 20% ELYMUS VIRGINICUS VIRGINIA WILDRYF 20% PANICUM VIRGATUM 'SHAWNER SWITCHGRASS, 'SHAWNEE AGROSTIS PERENNANS, ALBANY PINE BUSH AUTUMN BENTGRASS, ALBANY PINE BUSH PATH RUSH 1% PANICUM RIGIDULUM REDTOP PANICGRASS

1. SEED AT A RATE OF 20 LBS/ACRE OF 100% PURE LIVE SEED. 2. FOR SPRING SEEDING, APPLY A NURSE CROP OF OATS AT A RATE OF 30 LBS/ACRF. 3. FOR FALL SEEDING, APPLY A NURSE CROP OF WINTER RYE AT A RATE OF 30 LBS/ACRE.

MEADOW SEED MIX B - ERNST SEED MIX ERNMX-123 'NATIVE UPLAND WILDLIFE FORAGE & COVER MEADOW MIX"

34.9% ANDROPOGON GERARDII, 'NIAGARA' BIG BLUESTEM, 'NIAGARA' 27.0% PANICUM VIRGATUM, 'CAVE-IN-ROCK' SWITCHGRASS, 'CAVE-IN-ROCK' VIRGINIA WILDRYE, 'MADISON' 21.0% ELYMUS VIRGINICUS, 'MADISON' 9.0% SORGHASTRUM NUTANS, 'TOMAHAWK INDIANGRASS. 'TOMAHAWK' 3.0% RUDBECKIA HIRTA, PA ECOTYPE BLACKEYED SUSAN, PA ECOTYPI 2.0% CHAMAECRISTA FASCICULATA, PA FCOTYPE PARTRIDGE PEA. PA ECOTYPE 1.5% HELIOPSIS HELIANTHOIDES, PA ECOTYPE 1.0% COREOPSIS TINCTORIA 0.4% DESMODIUM CANADENSE, PA ECOTYPE 0.1% ASCLEPIAS SYRIACA

OXEYE SUNFLOWER, PA ECOTYPE PLAINS COREOPSIS SHOWY TICKTREFOIL, PA ECOTYPE COMMON MILKWEED 0.1% MONARDA FISTULOSA, PA ECOTYPE WILD BERGAMOT, PA ECOTYPE

SEED AT A RATE OF 20 LB/ACRE OF 100% PURE LIVE SEED MEADOW SEED MIX C - ERNST SEED MIX ERNMX-181 "NATIVE STEEP SLOPE MIX" SCHIZACHYRIUM SCOPARIUM LITTLE BLUESTEM **ELYMUS VIRGINICUS** VIRGINIA WILDRYF AGROSTIS PERENNANS AUTUMN BENTGRASS

ECHINACEA PURPUREA LIATRIS SPICATA MARSH BLAZING STAR ALL WHITE BEARDTONGUE PENSTEMON DIGITALIS RUDBECKIA HIRTA BLACKEYED SUSAN

SEED AT A RATE OF 60 LBS/ACRE OF 100% PURE LIVE SEED.

GENERAL SEEDING NOTES:

AGROSTIS SCABRA TRIDENS FLAVUS

CHAMAECRISTA FASCICULATA

- I. FINAL SEED MIXTURES, RATES & SPECIES TO BE DETERMINED BASED ON SCD REVIEW. 2. SEEDING SHALL TAKE PLACE IN THE SPRING (APRIL 1 TO JUNE 15) OR THE FALL 3. ELIMINATE UNWANTED VEGETATION PRIOR TO SEEDING USING A NON-SELECTIVE HERBICIDE PER MANUFACTURER'S SPECIFICATIONS. CONTRACTOR TO ENSURE HERBICIDE IS INDICATED FOR USE AROUND WATER BODIES. IT IS RECOMMENDED THAT CONTRACTOR INSTALL SEED MIXTURE USING A NO-TILL TRUAX-TYPE DRILL WHERE APPLICABLE. 5. THERE MUST BE CONTINUOUS SOIL MOISTURE FOR 4-6 WEEKS TO ALLOW PROPER
- WEED CONTROL / MAINTENANCE 1. DURING THE ESTABLISHMENT YEAR, CONTRACTOR SHALL MOW SEEDING IF WEED HEIGHT EXCEEDS MEADOW MIX HEIGHT. MOW AT A HEIGHT OF 8"-10". DO NOT MOW CLOSE, AS SOME OF THE MEADOW MIX MAY BE DAMAGED.

 AFTER THE FIRST GROWING SEASON, AND IF MEADOW MIX IS WELL ESTABLISHED, THE MEADOW MIX SHALL BE MOWED ONLY ONCE ANNUALLY. ANNUAL MAINTENANCE MOWING SHALL BE DONE IN LATE WINTER DURING THE MONTH OF MARCH. 3. MOW IN DETENTION BASIN AND WETLAND TRANSITION AREAS DURING DRIER SITE CONDITION WHEN SOIL DISTURBANCE WILL NOT OCCUR. MAINTENANCE FOR DETENTION BASIN AND WETLAND TRANSITION AREAS SHALL OCCUR DURING LATE SUMMER (JULY 15 — AUGUST 15) WHEN THE WATER TABLE IS USUALLY AT ITS LOWEST POINT OF THE YEAR. DO NOT MOW

IN DETENTION BASIN, WETLAND OR WETLAND TRANSITION AREAS AFTER ESTABLISHMENT OF

WET POND NOTES

- 1. PREPARE FINAL PONDSCAPING AND GRADING PLANS OF THE STORMWATER WETLAND. AT THIS TIME ORDER WETLAND PLANT STOCK FROM AQUATIC 2. ONCE THE STORMWATER WETLAND COLUMN HAS BEEN EXCAVATED, THE WETLAND SHOULD BE GRADED TO CREATE THE MAJOR INTERNAL FEATURES
- (POOL, AQUATIC BENCH, DEEP-WATER CHANNELS, ETC). 3. TOP SOIL AND/OR WETLAND MULCH IS ADDED TO THE STORMWATER WETLAND EXCAVATION. SINCE DEEP SUBSOILS OFTEN LACK THE NUTRIENTS AND ORGANIC MATTER TO SUPPORT VIGOROUS PLANT GROWTH, THE ADDITION OF MULCH OR TOPSOIL IS IMPORTANT. IF IT IS AVAILABLE WETLAND MULCH IS PREFERABLE TO TOPSOIL. AFTER THE MULCH OF TOPSOIL HAS BEEN ADDED, THE STORMWATER WETLAND NEEDS TO BE

GRADED TO ITS FINAL ELEVATIONS. ALL WETLAND FEATURES ABOVE THE

- NORMAL POOL SHOULD BE STABILIZED TEMPORARILY. SEE SOIL EROSION AND SEDIMENT CONTROL PLAN FOR SEED SPECIFICATION. 4. AFTER GRADING TO FINAL ELEVATIONS, THE POND DRAIN SHOULD BE CLOSED AND THE POOL ALLOWED TO FILL. USUALLY NOTHING SHOULD BE DONE TO THE STORMWATER WETLAND FOR SIX TO NINE MONTHS OR UNTIL THE NEXT PLANTING SEASON. A GOOD DESIGN RECOMMENDATION IS TO EVALUATE THE WETLAND ELEVATION DURING A STANDING PERIOD OF APPROXIMATELY SIX MONTHS. DURING THIS TIME THE STORMWATER WETLAND CAN EXPERIENCE STORM FLOWS AND INUNDATION, SO THAT IT CAN BE DETERMINED WHERE THE PONDSCAPING ZONES ARE LOCATED AND
- WHETHER OR NOT THE FINAL GRADE AND MICROTOPOGRAPHY WILL PERSIST BEFORE PLANTING THE STORMWATER WETLAND DEPTHS SHOULD BE MEASURED TO THE NEAREST INCH TO CONFIRM PLANTING DEPTH. THE PONDSCAPE PLAN MAY BE MODIFIED AT THIS TIME TO REFLECT ALTERED DEPTHS OR AVAILABILITY OF PLANT STOCK. ZONES SHOULD BE STAKED OUT AT THE APPROPRIATE LEVELS PRIOR TO PLANTING UNDER THE
- SUPERVISION OF LANDSCAPE ARCHITECT OR WETLAND SCIENTIST. . EROSION CONTROLS SHOULD BE STRICTLY APPLIED DURING THE STANDING AND PLANTING PERIODS. ALL AREAS ABOVE THE NORMAL POOL ELEVATION SHOULD BE VEGETATIVELY STABILIZED DURING THE STANDING PERIOD,
- USUALLY WITH HYDROSEEDING. . THE STORMWATER WETLAND SHOULD BE DE-WATERED AT LEAST THREE DAYS BEFORE PLANTING, AS A DRY WETLAND IS EASIER TO PLANT THAN A
- 8. DURING THE INITIAL PLANTING PRECAUTIONS SHOULD BE UNDERTAKEN TO PREVENT AND PROHIBIT ANIMALS FROM GRAZING UNTIL PLANT COMMUNITIES ARE WELL ESTABILISHED. SUCH PRECAUTIONS COULD BE DEER FENCING, MUSKRAT TRAPPING. PLANTING AFTER SEASONAL BIRD MIGRATIONS OR ATTRACTING BIRDS OF PREY AND BATS TO CONTROL NUTRIA POPULATIONS. OPERATIONS AND MAINTENANCE NOTES:
- MAINTENANCE, BUT DO NOT REQUIRE LARGE, INFREQUENT SEDIMENT REMOVAL UNLIKE CONVENTIAL POND SYSTEMS THAT REQUIRE RELATIVELY MINOR ROUTINE MAINTENANCE AND EXPENSIVE SEDIMENT REMOVAL AT . CAREFUL OBSERVATION OF THE SYSTEM OVER TIME IS REQUIRED IN THE FIRST THREE YEARS AFTER CONSTRUCTION. WITHIN THE FIRST GROWING

. CONSTRUCTED STORMWATER WETLANDS REQUIRE CONSIDERABLE ROUTINE

- SEASON OR UNTIL IT IS DETERMINED THAT THE SYSTEM IS ESTABLISHED, FREQUENT INSPECTIONS WILL BE REQUIRED, POSSIBLY BIWEEKLY OR MONTHLY BASIS. FOLLOWING THIS, TWICE A YEAR INSPECTIONS ARE NEEDEL DURING BOTH THE GROWING AND NON-GROWING SEASON. DATA GATHERED DURING THESE INSPECTIONS SHOULD BE RECORDED, MAPPED AND ASSESSED. THE FOLLOWING OBSERVATIONS SHOULD BE MADE DURING THE
- a. TYPES AND DISTRIBUTION OF DOMINANT WETLAND PLANTS IN THE b. THE PRESENCE AND DISTIRBUTION OF PLANTED WETLAND SPECIES; THE PRESENCE AND DISTRIBUTION OF VOLUNTEER WETLAND SPECIES; SIGNS THAT VOLUNTEER SPECIES ARE REPLACING THE PLANTED WETLAND
- E. PERCENTAGE OF UNVEGETATED STANDING WATER (EXCLUDING THE DEEP WATER CELLS WHICH ARE NOT SUITABLE FOR EMERGENT PLANT d. THE MAXIMUM ELEVATION AND THE VEGETATIVE CONDITION IN THIS ZONE. IF THE DESIGN ELEVATION OF THE NORMAL POOL IS BEING MAINTAINED FOR WETLANDS WITH EXTENDED ZONES.
- e. STABILITY OF THE ORIGINAL DEPTH ZONES AND THE MOCROTOPOGRAPHIC FEATURES. ACCUMULATION OF SEDIMENT IN THE FOREBAY AND MICROPOOL. SURVIVAL RATE OF PLANTS IN THE WETLAND BUFFER. SHALLOW MARSH AND EXTENDED DETENTION WETLAND DESIGNS INCLUDE FOREBAYS TO TRAP SEDIMENT BEFORE REACHING THE WETLAND. THEREFORE BAYS SHOULD BE CLEANED OUT EVERY YEAR. CLEAN OUTS AND DISCHARGE LOCATIONS SHOULD BE INSPECTED MORI
- NECESSARY FOR AN INSPECTION 3. THE OWNER OF THE PROPERTY SHALL BE THE RESPONSIBLE AGENT FOR THE STORMWATER MANAGEMENT FACILITIES ON SAID PROPERTY.

FREQUENTLY. INSPECTIONS FOR THEM COULD COINCIDE WITH ABOVE NORMAL OR EXTENDED PERIOD RAINFALL, RATHER THAN JUST

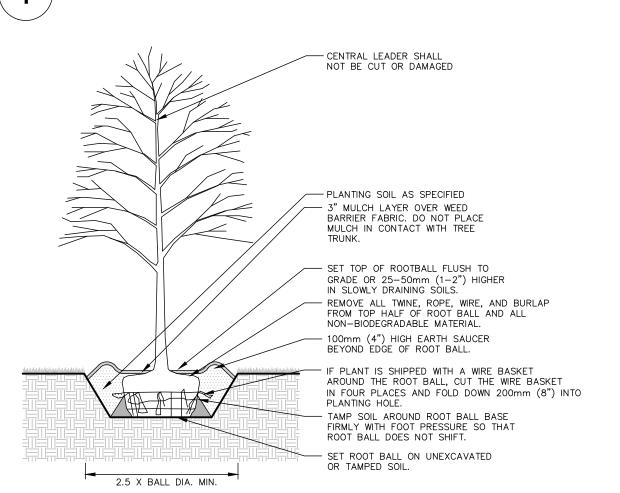
INCREASING THE INSPECTION INTERVALS. THUS, IF THERE ARE PERIODS OF DROUGHT OR SMALL INFREQUENT EVENTS IT WOULD NOT BE

DUE TO GENERAL CONSTRUCTION ACTIVITIES AND ADJACENT SITE COMPACTION REQUIREMENTS, SUBGRADE SOILS WITHIN PROPOSI PLANTING AREAS TEND TO BECOME HIGHLY COMPACTED. IN ORDER TO CREATE A HEALTHY GROWTH MEDIUM TO ALLOW PROPOSED PLANTINGS TO ESTABLISH A VIGOROUS ROOT MASS, THIS SUBGRADE SOIL MUST UNDERGO A RESTORATION PROCESS. IN ADDITION, IMPORTED OR AMENDED EXISTING SOILS SHALL BE MIXED WITH SUBGRADE SOILS WHERE THEY MEET IN ORDER TO CREATE A TRANSITIONAL GRADIENT TO ALLOW FOR PROPER DRAINAGE. 6" IMPORTED PLANTING SOIL (OR AMENDED EXISTING PLANTING SOIL) SHALL BE ROTO—TILLED INTO SUBGRADE TO A DEPTH OF 12". . المال الهرب بيرين أنه الحالج الهرب بين أنه العالم الطريب SUBGRADE WITHIN 2'-6" OF FINISH GRADE IN PLANTING AREAS SHALL CONSIST OF FREE DRAINING SANDY SOIL FILL. *EXISTING SOIL STRIPPED FROM SITE CAN BE USED FOR PLANTING SOIL UPON APPROVAL BY THE PROJE LANDSCAPE ARCHITECT. CONTRACTOR SHALL REFER TO PLANTING SOIL SPECIFICATIONS FOR REQUIRED PLANTING SOIL WITHIN AREAS OF CUT OR RAISED GRADE

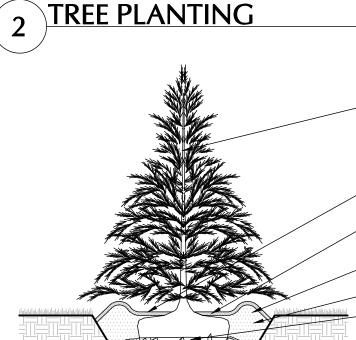
EXISTING SOIL IN ALL PROPOSED PLANTING AREAS SHALL BE ROTO—TILLED TO A DEPTH OF 12" (EXCLUDING TREE PROTECTION AREAS) AND AMENDED IN ACCORDANCE WITH PLANTING SOIL SPECIFICATIONS. EXISTING SOIL WITHIN AMENDED BY NON-MECHANICAL METHODS, PROTECTING ROOT MASS AGAINST DAMAGE. SUBGRADE PLANTING SOIL WITHIN AREAS OF UNCHANGED GRADE

1. CONTRACTOR IS RESPONSIBLE TO SEND SAMPLES OF EXISTING SOILS INTENDED FOR USE IN PLANTING AREAS (1 PER 500 CY.) TO TESTING LABORATORY OR UNIVERSITY COOPERATIVE EXTENSION FOR TESTING. ALL TESTING COSTS ARE AT THE 2. RECYCLED CRUSHED CONCRETE AND ASPHALT MILLINGS SHALL NOT BE PLACED WITHIN 2'-6" OF FINISH GRADE IN PROPOSED LANDSCAPE AREAS. 3. IMPORTED FILL SHALL CONTAIN NO CONTAMINATION IN EXCEEDENCE OF THE APPLICABLE STATE ENVIRONMENTAL STANDARDS AND MEET THE ENVIRONMENTAL REQUIREMENTS FOR THE PROJECT. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION OF COMPLIANCE PRIOR TO DELIVERY OF ANY FILL TO THE SITE. 4. CONTRACTOR TO LIGHTLY COMPACT ALL PLACED PLANTING SOILS AND RAISE GRADES ACCORDINGLY TO ALLOW FOR FUTURE SETTLEMENT OF PLANTING SOILS (TYP.).

5. NO STONES, WOOD CHIPS, OR DEBRIS LARGER THAN 1/2" SHALL BE ACCEPTABLE WITHIN PLANTING AREAS.



. PLANT STAKING SYSTEMS INDICATED ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STAKING SYSTEM AT THEIR DISCRETION TO MAINTAIN PLANTS IN A PLUMB CONDITION.



BE CUT OR DAMAGED (TYP.) -- 3" MULCH LAYER. DO NOT PLACE MULCH IN CONTACT WITH TREE TRUNK. - SET TOP OF ROOTBALL FLUSH TO GRADE OR 1-2" HIGHER IN SLOWLY DRAINING SOILS. — 4" HIGH FARTH SAUCER

CENTRAL LEADER SHALL NOT

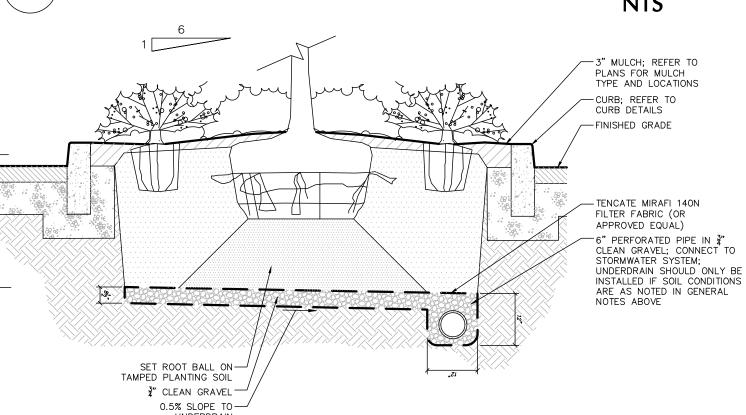
BEYOND EDGE OF ROOT BALL. --- PLANTING SOIL AS SPECIFIED - REMOVE ALL TWINE, ROPE, WIRE, AND BURLAP FROM TOP HALF OF ROOT BALL AND ALL NON-BIODEGRADABLE MATERIAL. - IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT THE WIRE BASKET IN FOUR PLACES AND FOLD DOWN 8" INTO PLANTING HOLE. TAMP SOIL AROUND ROOT BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT SHIFT. - SET ROOT BALL ON UNEXCAVATED

OR TAMPED SOIL.

2.5 X BALL DIA. MIN.

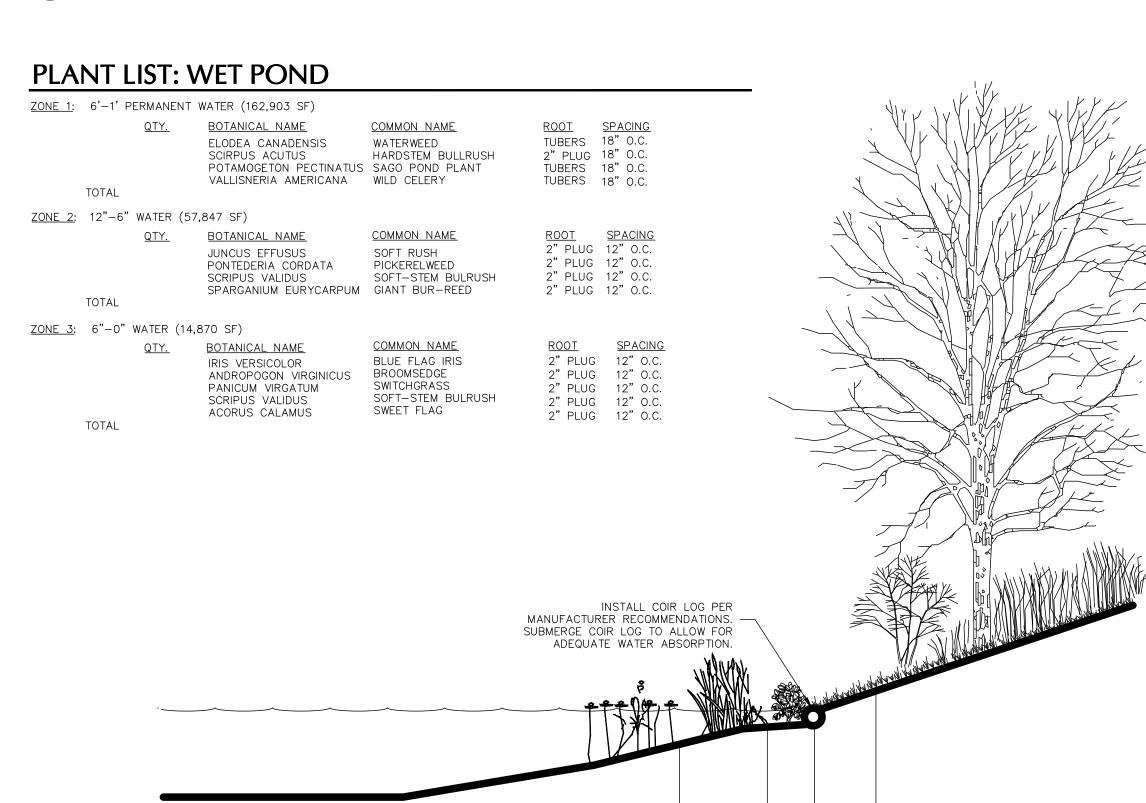
LARGE SHRUB (B&B) SMALL SHRUB (CONTAINER) - REMOVE ALL TWINE, ROPE AND WIRE, AND BURLAP FROM TOP HALF OF ROO - IF PLANT IS SHIPPED WITH A WIRE BASKET IN FOUR PLACES AND FOLD DOWN 8" INTO 3" MULCH LAYER. KEEP MULCH AWAY FROM SHRUB BASE AND TOP OF ROOTBALL (TYP.). ∠—4" HIGH FARTH SAUCER BEYON! WATER INTO ROOTBALL (TYP.). - REMOVE PLASTIC CONTAINER. -PLANTING SOIL AS SPECIFIED. TAMP SOIL AROUND ROOT BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT SHIFT (TYP.). SET ROOT BALL ON UNEXCAVATED NOTES: 1. ALL SHRUBS TO BE SET PLUMB. SHILL S 2. REFER TO LANDSCAPE PLAN FOR SPACING OF INDIVIDUAL PLANTS.
3. REMOVE ALL WRE, PLASTIC, TAGS OR SYNTHETIC MATERIAL FROM

SHRUB AND ORNAMENTAL GRASS PLANTING



THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE SITE AND SUBGRADE DRAINAGE OR PERCOLATION CHARACTERISTICS, WHETHER THE SUBGRADE SOILS ARE EXISTING TO REMAIN OR IMPORTED AND PLACED. CONTRACTOR TO ENSURE POSITIVE VERTICAL DRAINAGE THROUGHOUT PLANTED AREAS. DISCREPANCIES SHALL BE ADDRESSED WITH THE PROJECT LANDSCAPE ARCHITECT PRIOR TO COMPLETION OF STORMWATER SYSTEM, PAVEMENT INSTALLATION, AND PLACEMENT OF PLANTING ISLAND AREAS TO BE FREE OF DEBRIS AND RUBBLE PRIOR TO PLANTING OPERATION.

5 PARKING ISLAND PLANTING DETAIL



ZONE

DEPTH

ZONE ZONE

WATER

(MEADOW MIX B)

12"-6" 6"-0" 0"-12"+

WATER WATER ABOVE

DEPTH

6 WET POND PLANTING SECTION

1'-6' WATER

NTS

ABOVE

WATER

(MEADOW MIX C)

REV. PER WATERSHED INSPECTOR 12/16/2022 GENERAL COMMENTS 12/05/2022 REV. SITE GRADING 10/14/2022 REV. FOR NYCDEP SUBMISSION 03/25/2022 REV. PER TOWN COMMENTS Date Description Revisions





TOWN OF SOUTHEAST PUTNAM COUNTY

LANDSCAPING AND DETAILS **NEW YORI**

190065201

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LINCOLN LOGISTICS **BREWSTER**

PLANTING NOTES

C-506 Sheet **61** of **97**