

NOTES:

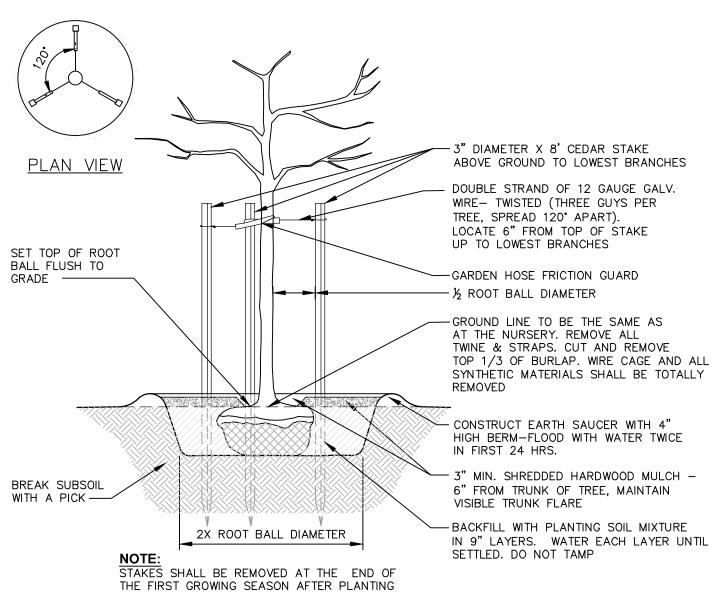
1. SPRAY WITH ANTIDESICCANT IN ACCORDANCE WITH MFG.'S RECOMMENDATIONS.

2. TREES LESS THAN 3" CALIPER SHALL BE STAKED.

3. TREES GREATER THAN 3" CALIPER AND UP SHALL BE GUYED AND ANCHORED.

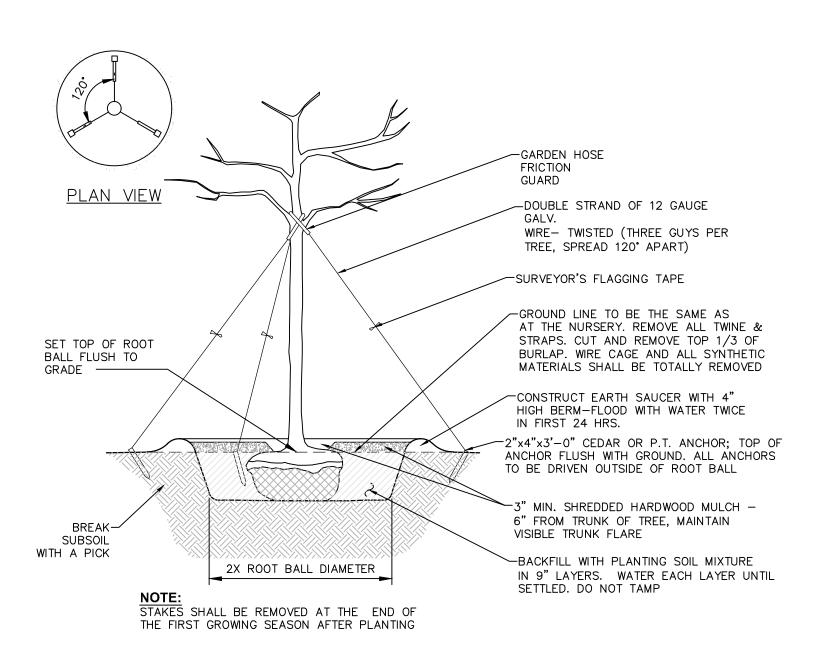
4. STAKES SHALL BE REMOVED AT THE END OF THE FIRST GROWING SEASON AFTER PLANTING.

EVERGREEN PLANTING DETAIL
SCALE: NOT TO SCALE LAST REVISED:



PLANTING AND GUYING DETAILS-FOR TREES
SMALLER THAN 3" CALIPER, BALLED AND BURLAPPED

SCALE: NOT TO SCALE LAST REVISED:



PLANTING AND GUYING DETAILS-FOR TREES
3" CALIPER AND LARGER, BALLED AND BURLAPPED

SCALE: NOT TO SCALE LAST REVISED:

2" SHREDDED HARDWOOD MULCH
INSTALLED PRIOR TO PLANTING

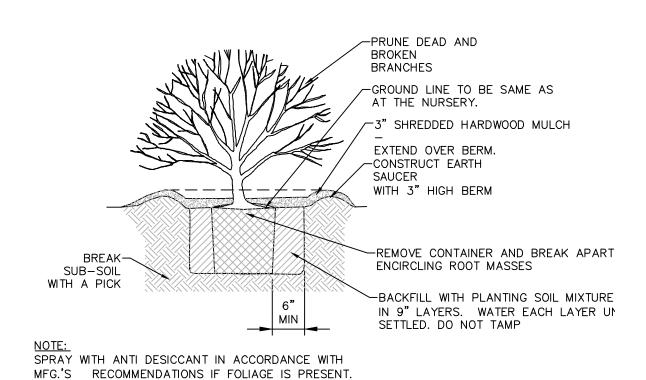
SUBSOIL TO BE
BROKEN WITH
A PICK AXE

NOTE:

BROKEN WITH SOIL MIXTURE

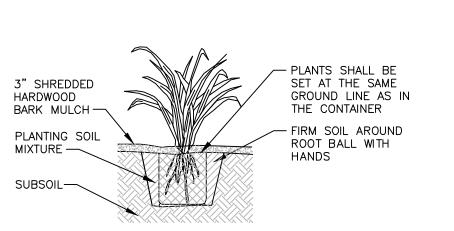
NOTE:
GROUND COVERS SHOULD BE POT OR CONTAINER GROWN.

GROUND COVER/
ANNUAL PLUG PLANTING
SCALE: NOT TO SCALE LAST REVISED:



SHRUB PLANTING DETAIL FOR CONTAINERIZED SHRUBS

SCALE: NOT TO SCALE LAST REVISED:



SECTIONAL ELEVATION

SCALE: NOT TO SCALE LAST REVISED:

NOTES:

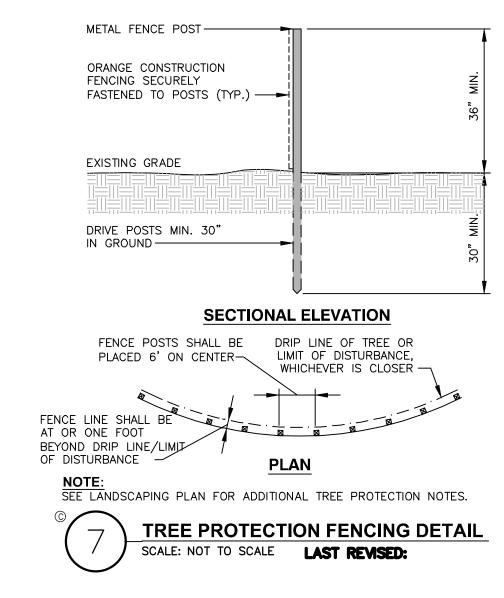
1. SPADED PLANTING SOIL MIX (4"-6" DEPTH), ADD FERTILIZER WHEN MIXING. DO NOT COMPACT AFTER PLANTING.

2. WATER THOROUGHLY AFTER PLANTING.

3. PROVIDE WELL DRAINING SUBSOIL WHEN SOIL IS HEAVY OR COMPACTED.

4. PLANTS SHALL BE REMOVED FROM ALL CONTAINERS WHEN PLANTED, UNLESS OTHERWISE STATED IN THE PLANT SCHEDULE.

CONTAINERIZED PERENNIAL PLANTING DETAIL



LANDSCAPING NOTES:

- 1. THE LANDSCAPE CONTRACTOR SHALL CAREFULLY COORDINATE CONSTRUCTION ACTIVITIES WITH THAT OF THE EARTHWORK CONTRACTOR AND OTHER SITE DEVELOPMENT.
- 2. THE CONTRACTOR SHALL VERIFY DRAWING DIMENSIONS WITH ACTUAL FIELD CONDITIONS AND INSPECT RELATED WORK AND ADJACENT SURFACES. THE CONTRACTOR SHALL VERIFY THE ACCURACY OF ALL FINISH GRADES WITHIN THE WORK AREA. THE CONTRACTOR SHALL REPORT TO THE LANDSCAPE ARCHITECT/ENGINEER AND OWNER ALL CONDITIONS WHICH PREVENT PROPER EXECUTION OF THIS WORK.
- 3. THE EXACT LOCATION OF ALL EXISTING UTILITIES, STRUCTURES AND UNDERGROUND UTILITIES, WHICH MAY NOT BE INDICATED ON THE DRAWINGS, SHALL BE DETERMINED BY THE CONTRACTOR. THE CONTRACTOR SHALL PROTECT EXISTING STRUCTURES AND UTILITY SERVICES AND IS RESPONSIBLE
- FOR THEIR REPLACEMENT IF DAMAGED.

 4. THE CONTRACTOR SHALL KEEP THE PREMISES FREE FROM RUBBISH AND ALL DEBRIS AT ALL TIMES AND SHALL ARRANGE MATERIAL STORAGE SO AS NOT TO INTERFERE WITH THE OPERATION OF THE PROJECT. ALL UNUSED MATERIALS, RUBBISH AND DEBRIS SHALL BE REMOVED FROM THE SITE.

 5. NO TREES OR SHRUBS SHALL BE PLANTED ON EXISTING OR PROPOSED UTILITY
- 6. QUALITY ASSURANCE:
 A. NOMENCLATURE: PLANT NAMES SHALL CONFORM TO THE LATEST EDITION
 OF "STANDARDIZED PLANT NAMES" AS ADOPTED BY THE AMERICAN JOINT
- COMMITTEE ON HORTICULTURAL NOMENCLATURE.

 B. 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.
- C. NURSERY SOURCE: OBTAIN FRESHLY DUG, HEALTHY, VIGOROUS PLANTS NURSERY GROWN UNDER CLIMACTIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR A MINIMUM OF 2 YEARS. PLANTS SHALL HAVE BEEN LINED OUT IN ROWS, ANNUALLY CULTIVATED, SPRAYED, PRUNED AND FERTILIZED IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICE. ALL PLANTS SHALL HAVE BEEN TRANSPLANTED OR ROOT PRUNED AT LEAST ONCE IN THE PAST 3 YEARS. BALLED AND BURLAPPED PLANTS MUST COME FROM SOIL WHICH WILL HOLD A FIRM ROOT BALL. HEELED IN PLANTS AND PLANTS FROM COLD STORAGE ARE NOT ACCEPTABLE.
- PLANTS AND PLANTS FROM COLD STORAGE ARE NOT ACCEPTABLE.

 D. SUBSTITUTIONS: DO NOT MAKE SUBSTITUTIONS OF TREES AND/OR SHRUB MATERIALS. IF REQUIRED LANDSCAPE MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON—AVAILABILITY AND PROPOSAL FOR USE OF EQUIVALENT MATERIAL. WHEN AUTHORIZED, ADJUSTMENTS OF CONTRACT AMOUNT (IF ANY) WILL BE MADE BY CHANGE ORDER.
- 7. SEEDING & PLANTING SEASONS AND TIMING CONDITIONS:

 A. UNLESS OTHERWISE DIRECTED IN WRITING, SEED LAWNS FROM MARCH 15 TO JUNE 15, AND FROM AUGUST 15 TO OCTOBER 15.
 B. UNLESS OTHERWISE DIRECTED IN WRITING PLANT TREES AND SHRUBS FROM MARCH 15 TO JUNE 1, AND FROM AUGUST 15 TO OCTOBER 30.
 C. AREAS UNDERGOING CLEARING OR GRADING AND ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WHERE LAWNS OR PLANTINGS ARE TO BE ESTABLISHED AND WORK IS COMPLETE, SHALL BE RESTORED WITH PERMANENT VEGETATIVE COVER AS SOON AS SITE AREAS ARE AVAILABLE AND WITHIN 14 DAYS AFTER WORK IS COMPLETE; WORK SHALL BE WITHIN THE SEASONAL LIMITATIONS FOR EACH KIND OF LANDSCAPE WORK REQUIRED. PROVIDE STABILIZATION WITH TEMPORARY VEGETATIVE COVER (TOPSOIL AND TEMPORARY COVER SEED MIX) WITHIN 14 DAYS AFTER WORK IS COMPLETE, FOR SEEDING OUTSIDE PERMITTED SEEDING PERIODS.

 8. PRODUCTS:
- i. EXISTING EXCESS TOPSOIL SHALL BE REMOVED AND STORED IN TOPSOIL STOCKPILES SUFFICIENTLY REMOVED FROM OTHER EXCAVATION OR DISTURBANCE TO AVOID MIXING. SILT FENCE SHALL BE INSTALLED AROUND TOPSOIL STOCKPILE AREAS.

 ii. IMPORTED TOPSOIL: PROVIDE TOPSOIL CONFORMING TO THE FOLLOWING:
- a. LOAM TOPSOIL, WELL DRAINED HOMOGENEOUS TEXTURE AND OF UNIFORM GRADE, WITHOUT THE ADMIXTURE OF SUBSOIL MATERIAL AND FREE OF DENSE MATERIAL, HARDPAN, CLAY, STONES, SOD OR OTHER OBJECTIONABLE MATERIAL.
 b. CONTAINING NOT LESS THAN 5% NOR MORE THAN 20% ORGANIC MATTER IN THAT PORTION OF A SAMPLING PASSING A 1/4" SIEVE

WHEN DETERMINED BY THE WET COMBUSTION METHOD ON A SAMPLE

- c. CONTAINING A PH VALUE WITHIN THE RANGE OF 6.5 TO 7.5 ON THAT PORTION OF THE SAMPLE WHICH PASSES A 1/4" SIEVE.
 d. CONTAINING THE FOLLOWING WASHED GRADATIONS:
 SIEVE DESIGNATION % PASSING
- 1" 100 1/4" 97-100 NO 200 20-60

DRIED AT 105°C.

iii. SITE PREPARATION:

SAMPLE DRIED AT 105°C.

- a. COMPLETE ROUGH GRADING AND FINAL GRADE, ALLOWING FOR DEPTH OF TOPSOIL TO BE ADDED.
 b. SCARIFY ALL COMPACT, SLOWLY PERMEABLE, MEDIUM AND FINE TEXTURED SUBSOIL AREAS. SCARIFY AT APPROXIMATELY RIGHT ANGLES TO THE SLOPE DIRECTION IN SOIL AREAS THAT ARE
- STEEPER THAN 5%.

 c. REMOVE REFUSE, WOODY PLANT PARTS, STONES OVER 3 INCHES IN DIAMETER, AND OTHER LITTER.
- iv. TOPSOIL MATERIALS:
 a. NEW TOPSOIL SHALL BE BETTER THAN OR EQUAL TO THE QUALITY OF THE EXISTING ADJACENT TOPSOIL. IT SHALL MEET THE FOLLOWING CRITERIA:
 1. ORIGINAL LOAM TOPSOIL, WELL DRAINED HOMOGENEOUS TEXTURE AND OF UNIFORM GRADE, WITHOUT THE ADMIXTURE OF SUBSOIL MATERIAL AND FREE OF DENSE MATERIAL, HARDPAN, CLAY, STONES, SOD OR OTHER OBJECTIONABLE MATERIAL.
 2. CONTAINING NOT LESS THAN 5% NOR MORE THAN 20% ORGANIC

MATTER IN THAT PORTION OF A SAMPLING PASSING A 1/4" SIEVE WHEN DETERMINED BY THE WET COMBUSTION METHOD ON A

- 3. CONTAINING A PH VALUE WITHIN THE RANGE OF 6.5 TO 7.5 ON THAT PORTION OF THE SAMPLE WHICH PASSES A 1/4" SIEVE.
 4. CONTAINING THE FOLLOWING WASHED GRADATIONS:
 SIEVE DESIGNATION % PASSING
 1" 100
 1/4" 97-100
- v. APPLICATION AND GRADING:

 a. TOPSOIL SHALL BE DISTRIBUTED TO A UNIFORM DEPTH OF 4" OVER THE AREA. IT SHALL NOT BE PLACED WHEN IT IS PARTLY FROZEN,
- b. TOPSOIL PLACED AND GRADED ON SLOPES STEEPER THAN 5% SHALL BE PROMPTLY FERTILIZED, SEEDED, MULCHED AND STABILIZED BY "TRACKING" WITH SUITABLE EQUIPMENT.

MUDDY, OR ON FROZEN SLOPES OR OVER ICE, SNOW, OR STANDING

- C. SEED MIXTURE:
 PROVIDE FRESH, CLEAN, NEW-CROP SEED MIXED IN THE PROPORTIONS
 SPECIFIED FOR SPECIES AND VARIETY, AND CONFORMING TO FEDERAL AND
 STATE STANDARDS. PROVIDE THE FOLLOWING MIXTURES:

 i. LAWN SEED MIX
- SUN AND PARTIAL SHADE:
 AMOUNT BY:
 MINIMUM %
 WEIGHT SPECIES OR VARIETY PURITY GERMINATION
 50% KENTUCKY BLUE GRASS* 95% 80%
 20% PERENNIAL RYE 98% 90%
 30% CREEPING RED FESCUE 97% 85%
- *MINIMUM 2 (EQUAL PROPORTIONS) VARIETIES AS LISTED IN CORNELL RECOMMENDATIONS FOR TURFGRASS.

 SHADE:
 AMOUNT BY:
 MINIMUM %
 WEIGHT SPECIES OR VARIETY PURITY GERMINATION
 25% KENTUCKY BLUE GRASS** 95% 80%
 20% PERENNIAL RYE 98% 90%
- 25% KENTUCKY BLUE GRASS** 95% 80%
 20% PERENNIAL RYE 98% 90%
 35% CREEPING RED FESCUE 97% 85%
 20% CHEWINGS RED FESCUE 97% 85%
 100%
 **SHADE TOLERANT VARIETY
- ii TEMPORARY COVER SEED MIX

 AMOUNT BY: MINIMUM %
 WEIGHT SPECIES OR VARIETY PURITY GERMINA
- 100% ANNUAL RYEGRASS 98% 90%

 C. LIME: NATURAL LIMESTONE CONTAINING AT LEAST 85% OF TOTAL CARBONATES, GROUND TO SUCH FINENESS THAT AT LEAST 90% PASSES A 10—MESH SIEVE AND AT LEAST 50% PASSES A 100—MESH SIEVE.
- D. FERTILIZER:

 i. FOR STARTER FERTILIZING: COMMERCIAL STARTER FERTILIZER,

 GRANULAR, NONBURNING PRODUCT CONTAINING 5% NITROGEN, 10%

 AVAILABLE PHOSPHOROUS AND 5% WATER SOLUABLE POTASH
- AVAILABLE PHOSPHOROUS, AND 5% WATER SOLUABLE POTASH (5-10-5).

 ii. FOR FINAL FERTILIZING: IF APPLIED IN SPRING SEASON, SHALL BE A SLOW RELEASE COMMERCIAL FERTILIZER, GRANULAR, WITH 3-1-2 NPK.
- IF APPLIED IN FALL SEASON, SHALL BE AS SPECIFIED IN (8.D.i)
 ABOVE.

 E. TREES, SHRUBS, GROUND COVERS, PERENNIALS, ANNUALS:
 i. PLANTING SOIL MIXTURE: SHALL BE PREMIXED IN BULK, AND CONTAIN
 THE FOLLOWING BY VOLUME:
 30 PARTS TOPSOIL
- 1 PART BONE MEAL

 ii. PEAT: BROWN TO BLACK IN COLOR, WEED AND SEED FREE. DRIED SPHAGNUM PEAT, CONTAINING NOT MORE THAN 9% MINERAL ON A

10 PARTS PEAT

- SPHAGNUM PEAT, CONTAINING NOT MORE THAN 9% MINERAL ON A DRY BASIS AND CONFORMING TO NYSDOT 713-15.

 iii. BONE MEAL: FINELY GROUND, RAW, MINIMUM 4% NITROGEN AND 20%
- PHOSPHORIC ACID. IT SHALL BE DELIVERED IN SEALED BAGS SHOWING THE MANUFACTURER'S GUARANTEED ANALYSIS.

 F. STAKES: 8 FEET LONG, 3 INCH DIA. CEDAR OR P.T. WOOD STAKES.

 G. HOSE: NEW, 2-PLY GARDEN HOSE NOT LESS THAN 1/2 INCH IN DIAMETER.
- G. HOSE: NEW, 2-PLY GARDEN HOSE NOT LESS THAN 1/2 INCH IN DIAMETE
 H. WEED CONTROL FABRIC: SOIL CHECK AS MANUFACTURED BY BRIGHTON BYPRODUCTS CO. INC, NEW BRIGHTON, PA; MIRASCAPE OR MIRAFI GEOSYNTHETIC PRODUCTS, NORCROSS, PA, OR APPROVED EQUIVALENT.
- I. MULCH:
 i. <u>LAWN AREAS</u>
 OAT OR WHEAT STRAW, FREE OF WEEDS. AN ALTERNATIVE IS WOOD
 FIBER CELLULOSE IF HYDROSEEDING IS USED.
- ii. <u>PLANT BED AREAS</u> GROUND OR SHREDDED HARDWOOD BARK, UNCOLORED. NO PIECES OVER 2 INCHES GREATEST DIMENSION. FREE FROM SAWDUST.
- EXECUTION:
 A. LANDSCAPE WORK SHALL BE UNDERTAKEN AS SOON AS SITE AREAS ARE AVAILABLE.
- B. TOPSOIL SHALL BE SPREAD NO LESS THAN 4" OVER SUB—GRADE MATERIAL. SOIL AMENDMENTS SHALL BE THOROUGHLY MIXED INTO THE TOP 4" OF TOPSOIL, FOLLOWING THE SPECIFICATIONS STATED BELOW.
- C. PERFORM FINE GRADING TO FINISHED ELEVATION ONLY IMMEDIATELY PRIOR TO PLANTING. PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN SURFACE, FREE OF DEPRESSIONS OR RIDGES WITH A UNIFORM LOOSE, FINE TEXTURE.
- D. FERTILIZING:
 i. THE SOIL SHALL BE TESTED FOR PH AND LIME ADDED AS NECESSARY.
 ALL AMENDMENTS SHALL BE CHECKED AND APPROVED BY LANDSCAPE
 ARCHITECT BEFORE AMENDMENTS ARE MADE.
- 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.

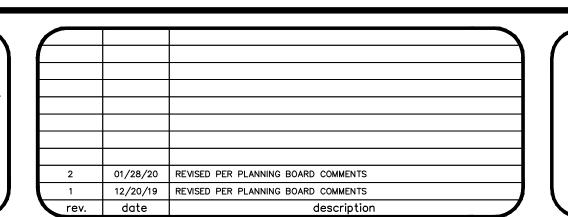


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248 TIORONDA AVE., BEACON, N.Y.

LANDSCAPING DETAILS AND NOTES

project no. 81750.00 sheet no. **C580** 17 of 17

designed checked

09/10/18 1" = 30'

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