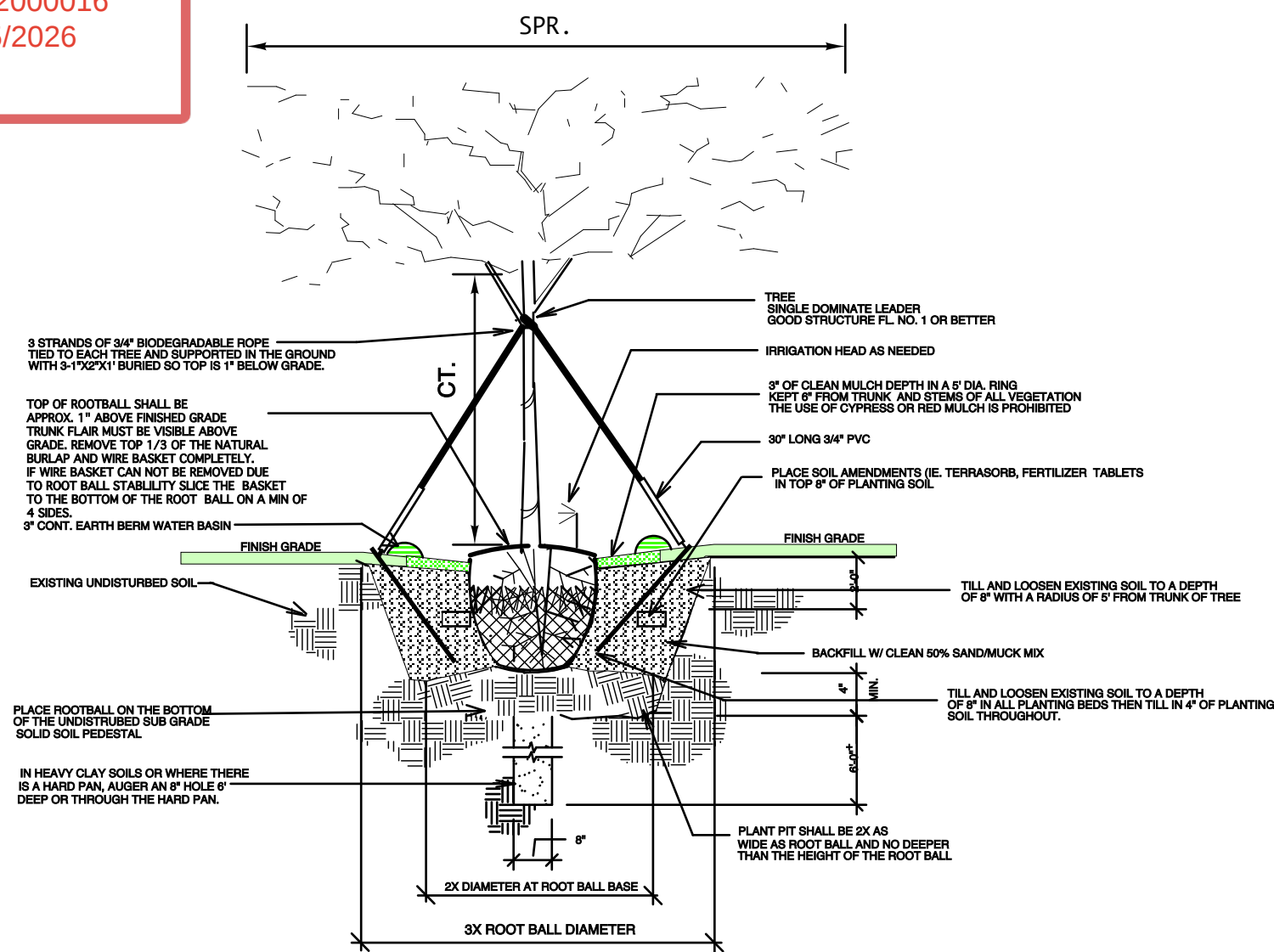
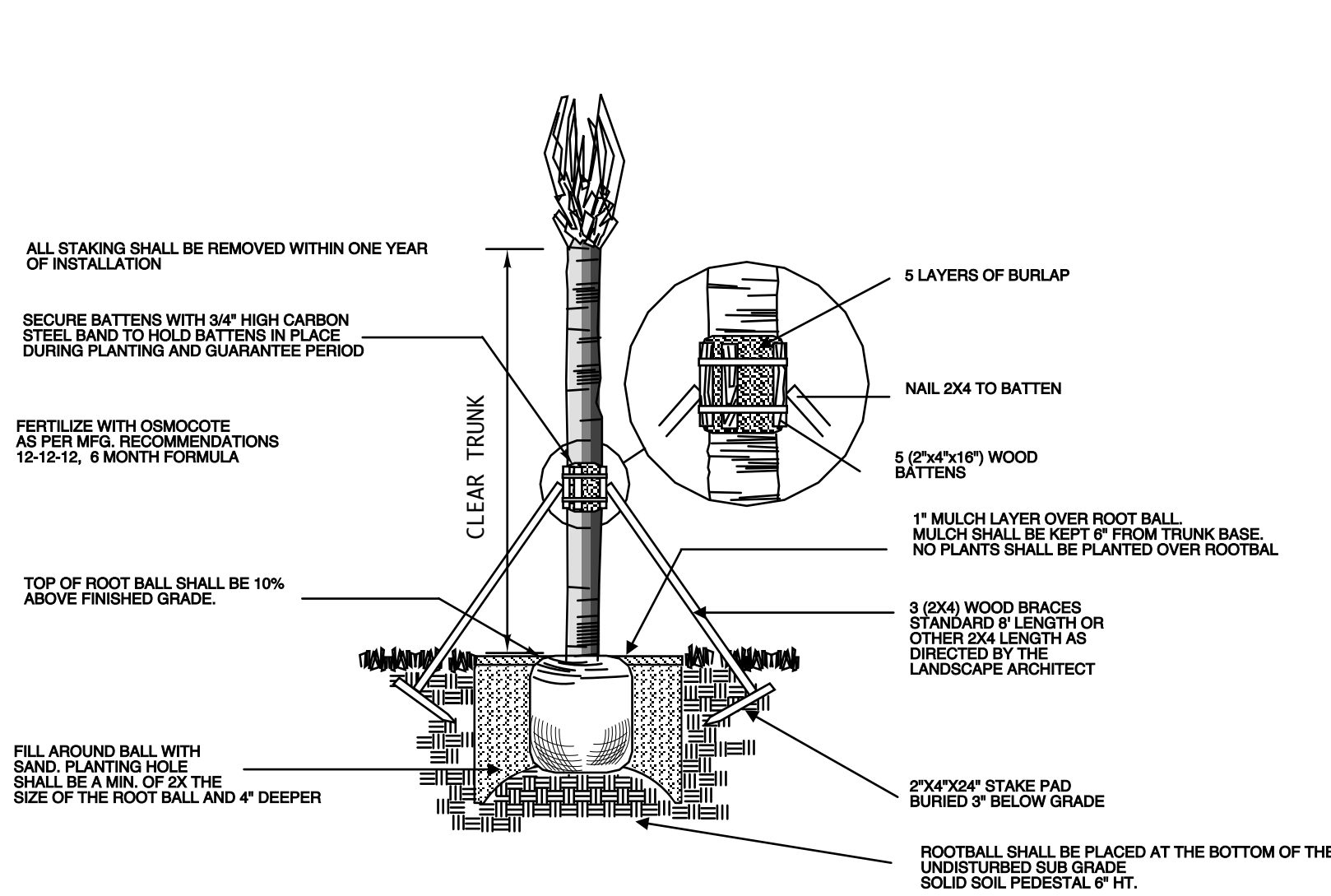




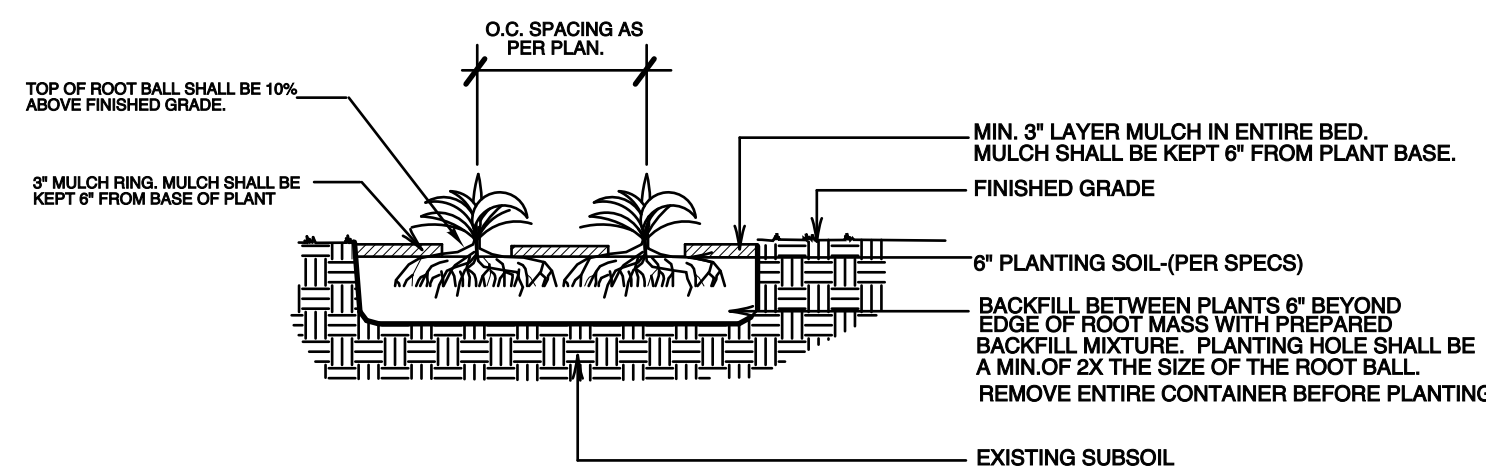
SINGLE TRUNK GUYING AND PLANTING DETAIL

NOT TO SCALE



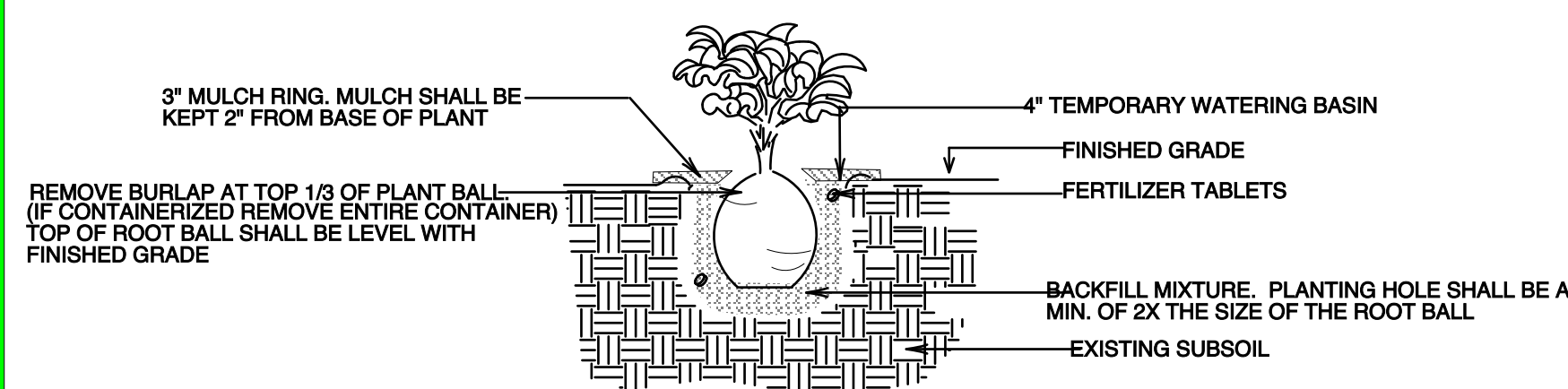
SABAL PALM PLANTING DETAIL

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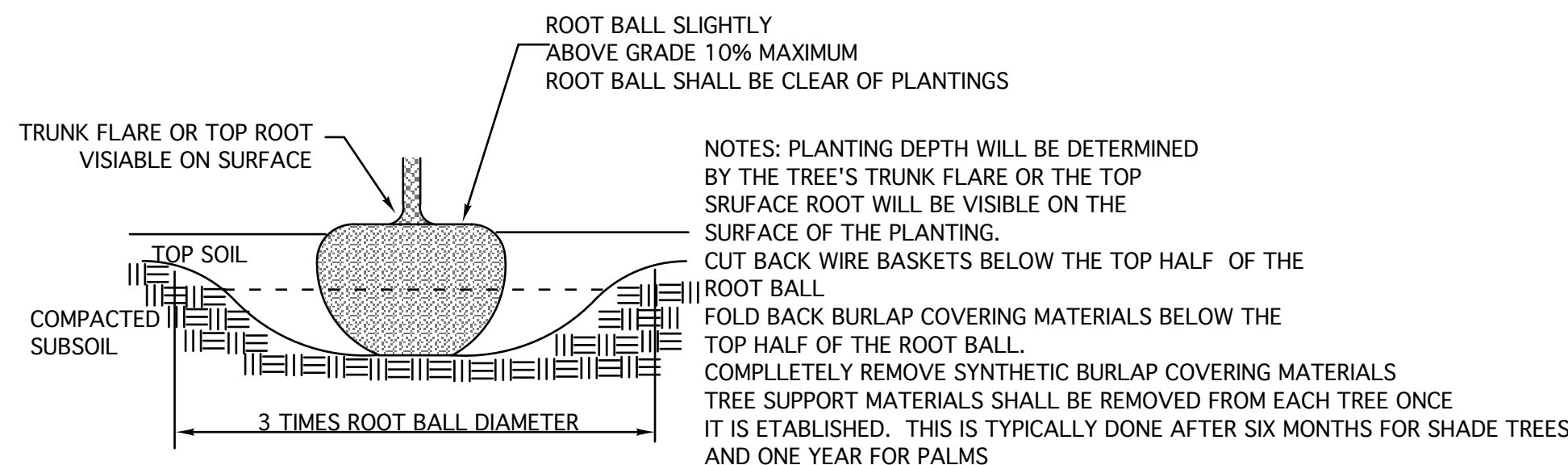
GROUNDCOVER/ANNUALS PLANTING DETAIL

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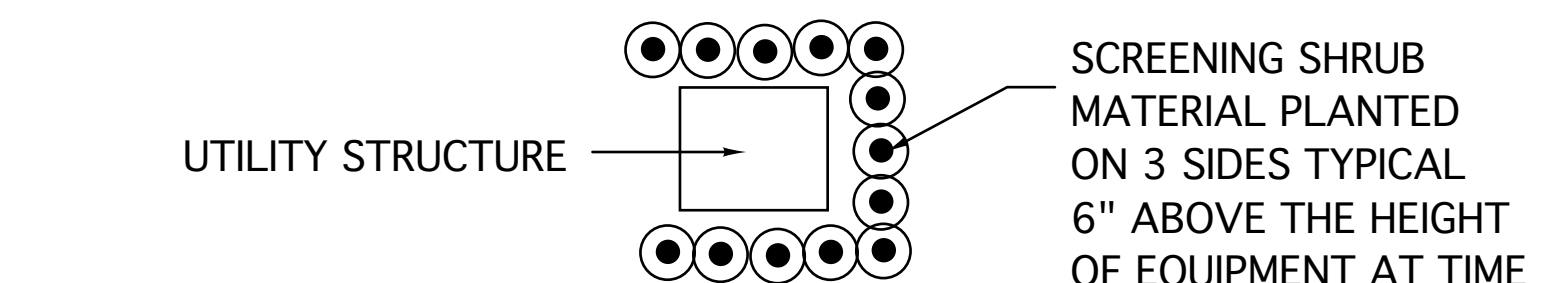
SHRUB PLANTING DETAIL

NOT TO SCALE



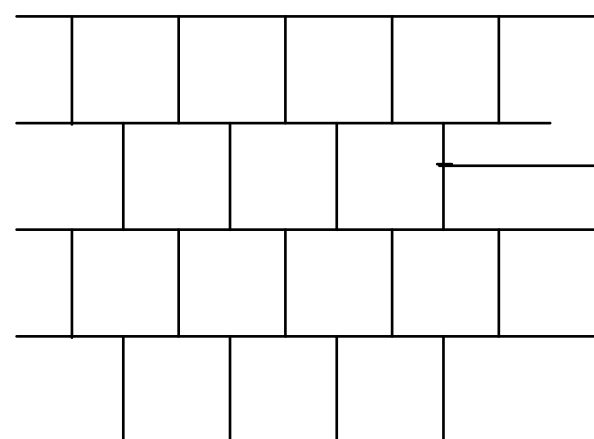
ROOT BALL DETAIL

NOT TO SCALE



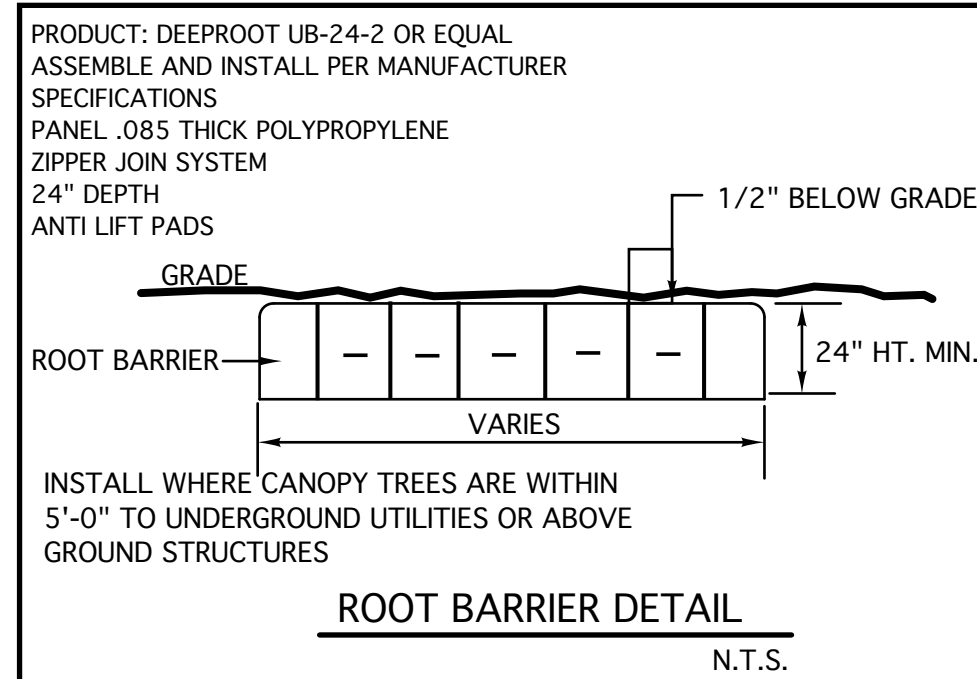
TYPICAL UTILITY EQUIPEMENT DETAIL

NOT TO SCALE



SOD PLANTING DETAIL

NOT TO SCALE



TYPICAL FIRE HYDRANT CLEAR ZONE DETAIL

- CONTRACTOR SHOULD MAKE HIS OWN TAKE OR PLOTT TO ELIMINATE DISCREPANCIES. IN CASE THEY OCCUR, THE PLAN SHALL TAKE PRECEDENCE OVER THE PLANT LIST.

2. EXACT LOCATION OF PLANT MATERIAL MAY VARY SLIGHTLY. COORDINATE FIELD LOCATIONS WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK.

3. ALL PLANT MATERIAL, FURNISHED BY THE LANDSCAPE CONTRACTOR SHALL BE "FLORIDA 41" OR BETTER AND SHALL BE INSTALLED AS SPECIFIED IN "FLORIDA DEPT. OF AGRICULTURE GRADES AND STANDARDS", CURRENT EDITION RESPECTIVELY.

4. ALL PLANTING TO BE DONE ACCORDING TO GOOD NURSERY PRACTICE.

5. ALL PLANTING MATERIAL SHALL BE GUARANTEED 365 DAYS (1 YEAR) FROM TIME OF FINAL INSPECTION & APPROVAL.

6. ALL SOD TO BE ST. AUGUSTINE FLORATAM SOLID, UNLESS OTHERWISE NOTED.

7. ALL BED AREAS TO RECEIVE A 3" LAYER OF EUCALYPTUS MULCH OR FLORIMULCH & SHALL BE A MIN. OF 1" 0" WIDER THAN PLANTS (MEASURED FROM OUTSIDE OF FOLIAGE).

8. ALL TREES TO HAVE A 2 1/2" MINIMUM TRUNK CALIPER OR UNLESS OTHERWISE SHOWN ON LANDSCAPE LEGEND.

9. ALL TREES FIELD GROWN UNLESS OTHERWISE NOTED.

10. LANDSCAPER TO FURNISH ALL MATERIAL AND LABOR INCLUDING: PLANTS, MULCH, TOP DRESSING, SOIL PREPARATION, DECORATIVE ITEMS (IF SHOWN), INSPECTIONS, TRANSPORTATION, WARRANTY, PERMIT, ETC. NECESSARY FOR COMPLETION OF ALL LANDSCAPING REQUIRED HEREIN EXCEPT IF DESIGNATED TO BE OTHERS.

11. LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF ANY CHANGES IN THE MATERIAL OR DESIGN PRIOR TO INSTALLATION OF THE SAME.

12. OWNER RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS.

13. LANDSCAPER SHALL HAVE A COMPETENT ENGLISH SPEAKING SUPERINTENDENT PRESENT ON THE JOB WHO SHALL BE AUTHORIZED TO REPRESENT THE LANDSCAPER IN HIS ABSENCE.

14. PLANTS SHOULD BE TYPICAL FOR THEIR VARIETY AND SPECIES. PLANTS SHALL BE SOUND, HEALTHY, VIGOROUS, FREE FROM PLANT DISEASE, INSECT OR THEIR EGGS. THEY SHALL HAVE HEALTHY NORMAL ROOTS AND SHALL NOT BE ROOT BOUND, QUALITY AND SIZE: ALL PLANT MATERIALS SHALL BE NURSERY GROWN UNLESS OTHERWISE NOTED.

15. ALL PLANT MATERIAL SHALL BE HANDLED IN A CAREFUL MANNER DURING TRANSPORTATION AND INSTALLATION.

16. PLANTS SHALL NOT BE PRUNED OR TOPPED BEFORE DELIVERY.

17. OWNER RESERVES THE RIGHT TO APPROVE ALL PLANT MATERIALS.

18. LANDSCAPER SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE DAILY. THE PREMISES SHALL BE KEPT NEAT AND ORDERLY AT ALL TIMES WHILE WORK IS IN PROGRESS.

19. THE LANDSCAPE CONTRACTOR SHALL LAY OUT HIS WORK ACCORDING TO THE PLANS AND SPECIFICATIONS AND WILL BE RESPONSIBLE FOR ALL MEASUREMENTS EXERCISING SPECIAL CARE IN LAYING OUT WORK TO KEEP WITHIN PROPERTY LINES AND RECOGNIZING EASEMENTS. THE LANDSCAPE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY ERRORS. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN LAYOUT.

20. METHODS OF PROTECTION SHALL BE MAINTAINED AT ALL TIMES AS REQUIRED TO INSURE ALL PERSONS AND PROPERTY AGAINST INJURY, AND SHALL BE MAINTAINED UNTIL THE COMPLETION OF ALL WORK.

21. PLANT MATERIAL ABBREVIATIONS ON THE PLANT LIST: FG (FIELD GROWN), CT (INDICATES CLEAR TRUNK MEASUREMENT FROM THE TOP OF BALL TO FIRST BRANCHING OR BASE OF THE LOWER FRONDS), GAL (GALLON CAN), 3 GAL (3 GALLON CAN), OA (INDICATES OVERALL HEIGHT FROM TOP OF BALL TO MID POINT OF CURRENT SEASON'S GROWTH), SPR (INDICATES SPREAD), HVT (INDICATES HEAVY), MIN (INDICATES MINIMUM).

22. SUBSTITUTIONS: PLANT SUBSTITUTION REQUESTS, FOR PLANT MATERIAL NOT OBTAINABLE IN THE TYPE AND SIZE SPECIFIED SHALL BE MADE PRIOR TO SUBMISSION OF BIDS. ALL SUBSTITUTION REQUESTS SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT AND THE GOVERNING MUNICIPALITY FOR APPROVAL. IT IS THE LANDSCAPE CONTRACTOR'S OBLIGATION TO KNOW WHERE THEY CAN OBTAIN ALL MATERIAL AT THE TIME OF BIDDING AND AT THE TIME A CONTRACT IS EXECUTED.

23. THE CONTRACTOR'S GUARANTEE SHALL NOT APPLY IN THE EVENT OF FIRE, FLOOD, HURRICANE, WINDSTORM, OR OTHER "ACTS OF GOD" OR DAMAGES TO LANDSCAPING IN PROGRESS CAUSED BY ANY PERSONS OTHER THAN THOSE PERSONS UNDER THE DOMINION AND CONTROL OF THE CONTRACTOR.

24. ALL TREES, PALMS AND OTHER PLANTS SHALL BE PLANTED WITH THE TOP OF THEIR ROOTBALLS NO DEEPER THAN THE FINAL GRADE SURROUNDING THE PLANTING AREA.

25. DELIVERY RECEIPTS FOR TOP SOIL, PLANTING SOIL & MULCH SHALL BE SUPPLIED TO THE INSPECTOR OR LANDSCAPE ARCHITECT UPON REQUEST.

26. COMMERCIAL FERTILIZER, COMMERCIAL FERTILIZER SHALL BE AN ORGANIC FERTILIZER CONTAINING NITROGEN, PHOSPHORIC ACID, AND POTASH IN EQUAL PERCENTAGES OF AVAILABLE PLANT FOOD & WEIGHT OR "MILORGANITE": NITROGEN SHALL BE NOT LESS THAN 100% FROM ORGANIC SOURCE. FERTILIZER SHALL BE DELIVERED TO THE SITE UNBLENDED IN ORIGINAL CONTAINERS BEARING THE MANUFACTURER'S GUARANTEED ANALYSIS. INITIAL FERTILIZATION OF TREES SHRUBS, GROUND COVERS, SHALL BE WITH "MILORGANITE" OR AN APPROVED COMPLETE FERTILIZER. APPLY "MILORGANITE" IN A CIRCULAR AREA AROUND THE PLANT BEFORE MULCHING DO NOT TOUCH THE PLANT WITH THE FERTILIZER. WATER IN FERTILIZER AFTER MULCHING. APPLY "MILORGANITE" FERTILIZER AT THE FOLLOWING AT THE RATES:

 - 5 LBS OR 14.5 CUPS / PALMS
 - 3 LBS OR 8.70 CUPS / 12"-26" MATERIAL
 - 1 LBS OR 5.80 CUPS / 28"-32" MATERIAL
 - 0.69 LBS OR 2.00 CUPS / 6"-8" MATERIAL
 - 0.19 LBS OR 1/2 CUP / 3 GAL MATERIAL
 - 0.10 LBS OR 1/4 CUP / 1 GAL MATERIAL

FERTILIZERS SHALL BE SLOW TIME RELEASE, UNIFORM IN COMPOSITION, DRY AND FREE MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS:

 - SIX (6) PERCENT NITROGEN, SIX (6) PERCENT PHOSPHORUS, AND SIX (6) PERCENT POTASSIUM. FERTILIZER SHALL BE APPLIED TO ALL SHRUBS (1 LB PER 3 GAL CONTAINER, 1/2 LB PER 1 GAL CONTAINER) AND GROUND COVER THE SOD STARTER FERTILIZER MIXTURE SHALL BE A 5-10-40 AT A RATE OF 20 LBS. PER 1000 S.F. A 14-14-14 FERTILIZER MIXTURE SHALL BE APPLIED AT 10 LBS. PER 1000 S.F. HEIGHT (12 LB PER 5 S.F. SPREAD). AGRIFORM TABLETS WITH TWENTY (20) PERCENT NITROGEN, TEN (10) PERCENT PHOSPHORUS, FIVE (5) PERCENT POTASSIUM IN 21 GRAM SIZES & SHALL BE APPLIED AT THE FOLLOWING RATE: 1 PER GAL. PLANT 2 PER 3 GAL. PLANTS AND 2 TABLETS PER 1" OF TREE TRUNK CALIPER. APPLY PALM SPECIAL FERTILIZER AS PER MANUFACTURER'S RECOMMENDATION.

27. SUPER ABSORBENT POLYMER - "TERA-SORB" OR APPROVED EQUAL AS PACKAGED IN 3.0 OZ. HANDY PAC COMBINED OF SYNTHETIC ACRLAMIDE COLLOIDYMER, POTASSIUM, AND ACRYLATE, PARTICLE SIZE OF 1.0 MM TO 3.0 MM AND ABSORPTION RATE OF 300 TIMES ITS WEIGHT IN WATER. APPLY DRY USING THE FOLLOWING AMOUNT:

 - 1 PAC PER TREE - 36" BALL SIZE
 - 2 PAC PER TREE - COVER 36" BALL SIZE
 - 1 PAC PER 20 GAL CONTAINER
 - 0.5 PACS PER 7-10 GAL. CONTAINER
 - 0.25 PACS PER 3 GAL. CONTAINER
 - 0.12 PACS PER 1 GAL. CONTAINER

28. LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING UTILITIES LOCATED. CARE SHALL BE TAKEN NOT TO DISTURB ANY UNDERGROUND CONSTRUCTION AND UTILITIES. ANY DAMAGE TO THESE UTILITIES DURING THE COURSE OF THE WORK OPERATIONS WILL BE REPAIRED AT THE EXPENSE OF THE LANDSCAPE CONTRACTOR IN A MANNER APPROVED BY THE OWNER.

29. PLANTING SOIL: PLANTING SHALL BE COMPOSED OF 50% SAND AND 50% DECOMPOSED ORGANIC MATTER. ANY VARIATIONS IN THIS COMPOSITION SHALL BE APPROVED BY THE OWNER PRIOR TO USE. PLANTING SOIL SHALL BE FREE OF STONE, PLANTS, ROOTS AND OTHER FOREIGN MATERIALS WHICH MIGHT BE HINDRANCE TO PLANTING OPERATIONS OR BE DETRIMENTAL TO GOOD PLANT GROWTH. SOIL SHALL BE DELIVERED IN A LOOSE, FRIABLE CONDITION AND APPLIED IN ACCORDANCE WITH THE PLANTING SPECIFICATION.

30. WATER FOR PLANTING WILL BE AVAILABLE AT THE SITE AND WILL BE PROVIDED BY THE OWNER.

31. PRUNING: REMOVE DEAD AND BROKEN BRANCHES FROM ALL PLANT MATERIALS PRUNE TO RETAIN TYPICAL GROWTH HABIT OF INDIVIDUAL SPECIES, RETAINING AS MUCH HEIGHT AND SPREAD AS POSSIBLE. MAKE ALL PRUNING CUTS WITH A SHARP INSTRUMENT, FLUSH WITH THE TRUNK OR ADJACENT BRANCH, IN SUCH A MANNER AS TO ENSURE ELIMINATION OF STUBS "HEADBACK", CUTS, RIGHT ANGLE TO LINE OF GROWTH WILL NOT BE PERMITTED AND TREES WILL NOT BE BUMP, TOPPED, OR HATRACKED.

32. SITE PREPARATION: IT SHALL BE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO FINISH (FIN) ALL GRASS AND LANDSCAPE AREAS. IT SHALL BE THE DUTY OF THE CONTRACTOR TO REMOVE ALL BUMP DEBRIS, STICKS, STONES AND OTHER DEBRIS TO THE SATISFACTION OF THE OWNER.

33. MAINTENANCE: MAINTENANCE SHALL BEGIN IMMEDIATELY AFTER EACH PLANT IS PLANTED AND SHALL CONTINUE UNTIL ALL PLANTING HAS PASSED FINAL INSPECTION AND ACCEPTANCE. MAINTENANCE SHALL INCLUDE WATERING, WEEDING, CULTIVATING, REMOVAL OF DEAD MATERIALS, RESETTling PLANTS TO PROPER GRADES OR UPRIGHT POSITION, AND RESTORATION OF THE PLANTING SAUCER AND ANY OTHER NECESSARY OPERATIONS. PROPER PROTECTION TO LAWN AREAS SHALL BE PROVIDED AND ANY DAMAGE RESULTING FROM PLANTING OPERATIONS. SHALL BE REPAIRED PROMPTLY.

34. (NOTE: SARAL PALMETTO (CABBAGE PALM SPECIES) THE BRANCHES TOGETHER WITH BIO-DEGRADABLE TWINE TO TIGHT BUNDLE AROUND BUD FOR PROTECTION.

35. MULCH: MULCH MAY BE USED WITH PLANTING BEDS IN CONJUNCTION WITH GROUND COVER. MULCH SHALL BE RENEWED AND MAINTAINED AS REQUIRED TO MAINTAIN A THREE-INCH DEPTH AT THE TIME FINAL INSPECTION. MULCH AROUND TREE ROOT BALLS NOT PLANTED IN PLANTING AREA SHALL BE THREE INCHES DEEP AT THE PERIMETER OF THE ROOT BALL.

36. GRASS AREAS WITHIN THE LANDSCAPE EASEMENT NOT USED FOR TREES, SHRUBS, GROUND COVER, MULCH, OR OTHER LANDSCAPE ELEMENTS SHALL BE PLANTED WITH SOD SO 01 ST. AUGUSTINE FLORATAM OR PLAMETTO AND SHALL BE IRRIGATED.

37. EXCAVATION REQUIREMENT: REQUIRED: ISLANDS SHALL BE EXCAVATED TO 36 INCHES, AND FILLED WITH CLEAN FILL AND TOPSOIL. LEAST TO THE TOP OF THE CURB. MANIPULATION OF THE GRADE BEHIND THE CURBING TO CREATE A SMALL MOUNDING IS ENCOURAGED.

38. A LANDSCAPE PERMITS SHALL BE VERIFIED AND OBTAINED BY THE LANDSCAPE CONTRACTOR. NO TREE OR OTHER PLANT MATERIAL MAY BE PLANTED IN PUBLIC RIGHTS-OF-WAY OR IN AREAS WITHOUT PERMIT FROM THE CITY. NO SHRUB SPECIES WITH A MATURE HEIGHT THAT WILL BLOCK THE CLEAR SIGN ZONE FROM 30 INCHES IN HEIGHT TO SIX FEET IN HEIGHT WILL BE APPROVED IN LANDSCAPING.

39. TOPSOIL SHALL BE CLEAN AND FREE OF CONSTRUCTION DEBRIS, WEEDS, ROCKS, NOXIOUS PESTS AND DISEASES, AND EXHIBIT A pH OF 6.5 TO 7.0. THE TOPSOIL FOR PLANTING SHALL BE A MINIMUM OF 24 INCHES AND HORTICULTURALLY ACCEPTABLE ORGANIC MATERIAL. ALL SOIL USED SHALL BE SUITABLE FOR THE INTENDED PLANT MATERIAL. THE SOURCE OF THE TOPSOIL SHALL BE KNOWN TO THE APPLICANT AND SHALL BE ACCEPTABLE TO THE GOVERNING MUNICIPALITY.

 - MINIMUM SOIL DEPTH: REQUIRED: THE MINIMUM PLANTING SOIL DEPTH SHALL BE SIX INCHES FOR GROUND COVERS, FLOWERS, SHRUBS AND HEDGES.
 - ROOTBALL SOIL: REQUIRED: TREES SHALL RECEIVE 12 INCHES OF PLANTING SOIL AROUND THE ROOT BALL.
 - NATIVE SOIL: REQUIRED: NATIVE TOPSOIL ON THE SITE SHALL BE RETAINED ON-SITE, AND USED WHEN THERE IS SUFFICIENT QUANTITY TO COVER AT LEAST SOME OF THE ON-SITE LANDSCAPED AREAS.
 - ADD PLANTS: REQUIRED: CLEAN SAND SHALL BE USED TO BACKFILL ARID CLIMATE PALMS.

40. USE OF ORGANIC MULCHES: A TREE-INCH MINIMUM THICKNESS OF APPROVED ORGANIC MULCH MATERIAL, AT THE TIME OF FINAL INSPECTION, SHALL BE INSTALLED IN ALL LANDSCAPE AREAS NOT COVERED BY BUILDING, PAVEMENT, SOD, DECORATIVE STONES, PRESERVED STONES AND ANNUAL FLOWER BEDS. EACH TREE SHALL HAVE A RING OF ORGANIC MULCH AT THE PERIMETER OF THE ROOT BALL.

41. ALL SHADE TREES INSTALLED WITHIN SIX FEET OF PUBLIC INFRASTRUCTURE SHALL UTILIZE A ROOT BARRIER SYSTEM AS APPROVED BY THE CITY.

42. THE ERADICATION OF NUISANCE VEGETATION (EXOTIC RIGHTS-OF-WAY) AND INVASIVE AND EXOTIC VEGETATION SHALL BE REMOVED FROM SITE INCLUDING WITHIN ADJUTING RIGHT-OF-WAY.

43. SHRUBS SHALL BE CONSIDERED IN ACCORDANCE WITH STANDARDS SET FORTH BY THE GOVERNING MUNICIPALITY.

44. HEDGES: WHERE REQUIRED SHALL BE PLANTED SO AS TO BE TIP TO TIP WITHIN SIX MONTHS OF PLANTING AND MAINTAINED SO AS TO FORM A CONTINUOUS VISUAL SCREEN. SHRUBS USED AS HEDGES SHALL BE FLORIDA DEPARTMENT OF AGRICULTURE GRADES AND STANDARDS, CURRENT EDITION RESPECTIVELY. AND MINIMUM SPREAD OF 18 INCHES WHEN MEASURED IMMEDIATELY AFTER PLANTING AND SHALL BE A MINIMUM OF THREE INCHES IN



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