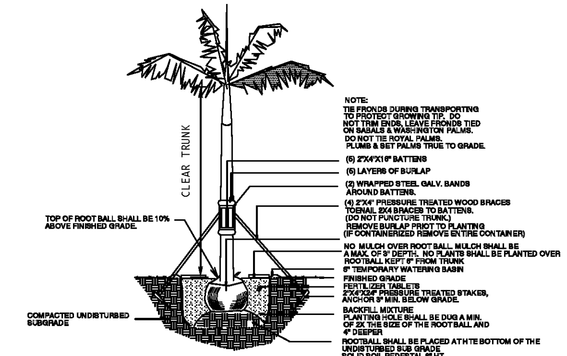
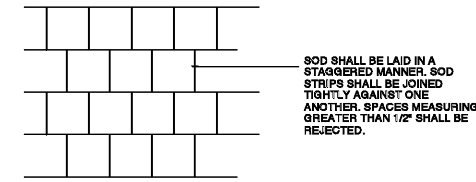


ROYAL PALM PLANTING DETAIL

NOT TO SCALE



SOD PLANTING DETAIL

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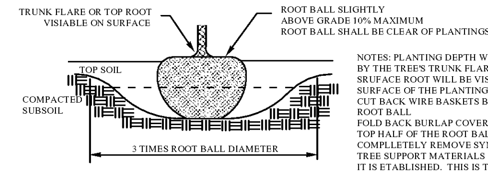
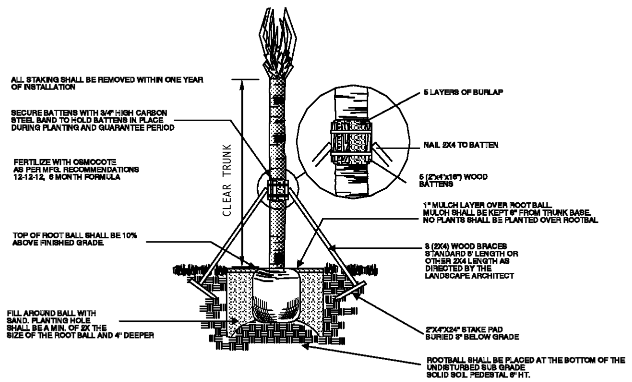


NOTES: PLANTING DEPTH WILL BE DETERMINED BY THE TREE'S TRUNK FLARE OR THE TOP SRUFACE ROOT WILL BE VISIBLE ON THE SURFACE OF THE PLANTING.
CUT BACK WIRE BASKETS BELOW THE TOP HALF OF THE ROOT BALL
FOLD BACK BURLAP COVERING MATERIALS BELOW THE TOP HALF OF THE ROOT BALL.
COMPLLETELY REMOVE SYNTHETIC BURLAP COVERING MATERIALS
TREE SUPPORT MATERIALS SHALL BE REMOVED FROM EACH TREE ONCE IT IS ETABLISHED. THIS IS TYPICALLY DONE AFTER SIX MONTHS FOR SHADE TREES AND ONE YEAR FOR PALMS

ROOT BALL DETAIL

NOT TO SCALE



SABAL PALM PLANTING DETAIL

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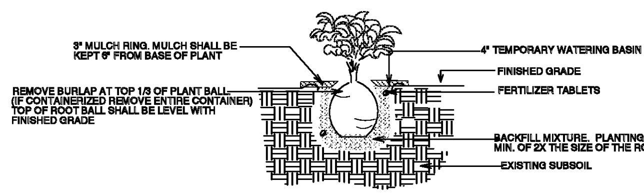
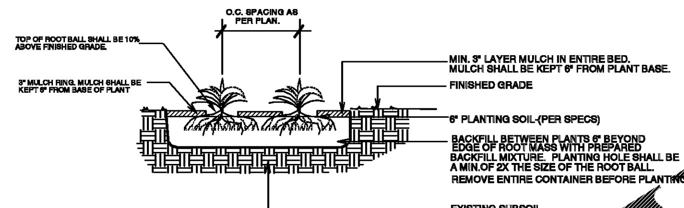


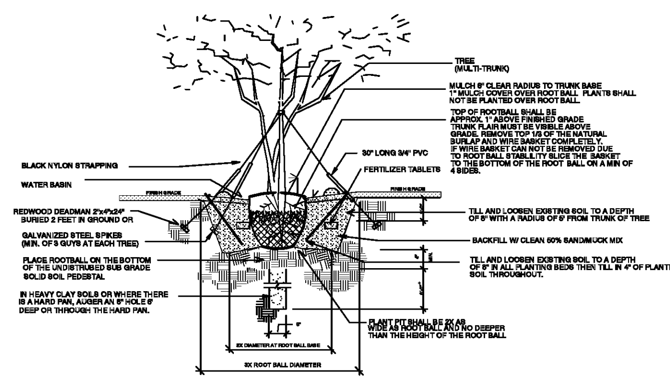
SHRUB PLANTING DETAIL

NOT TO SCALE



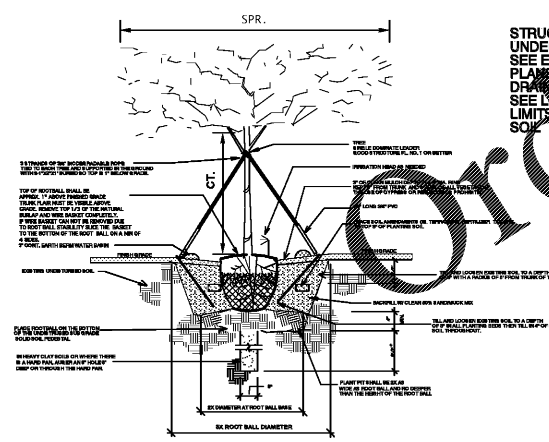
GROUNDCOVER/ANNUALS PLANTING DETAIL

NOT TO SCALE



MULTI - TRUNK GUYING AND PLANTING DETAIL

NOT TO SCALE



SINGLE TRUNK GUYING AND PLANTING DETAIL

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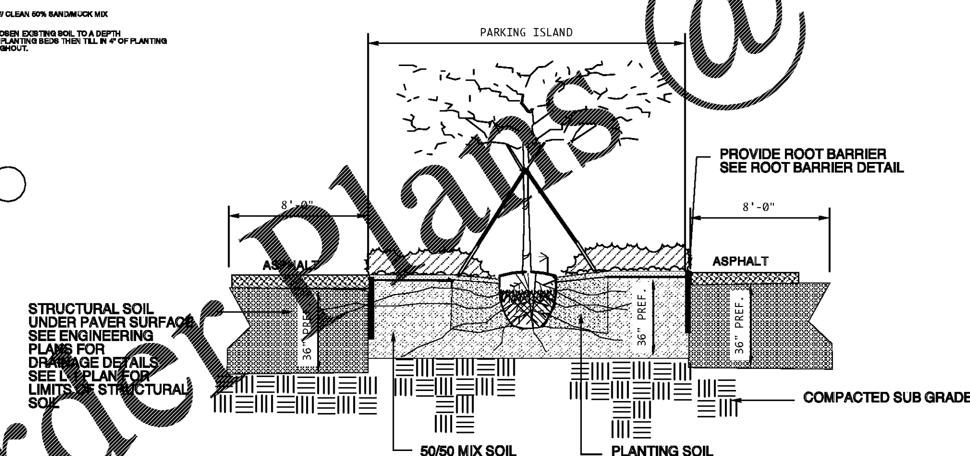


STRUCTUAL SOIL PLANTING DETAIL

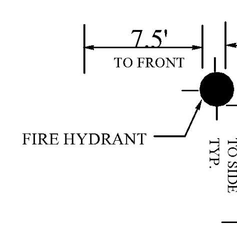
NOT TO SCALE

GENERAL LANDSCAPE NOTES

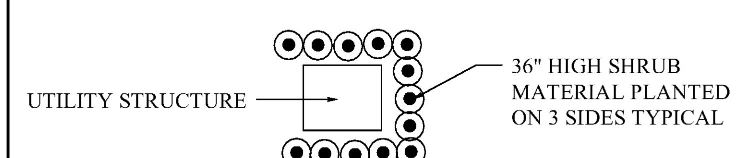
1. CONTRACTOR SHOULD MAKE HIS OWN TAKE OFF TO ELIMINATE DISCREPANCIES. IN CASE THEY OCCUR, THE PLAN WIL TAKE PRECEDENCE OVER THE PLANT LIST.
2. EXACT LOCATION OF PLANT MATERIAL MAY VARY SLIGHTLY. COORDINATE FIELD LOCATIONS WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK
3. ALL PLANT MATERIAL FURNISHED BY THE LANDSCAPE CONTRACTOR SHALL BE "FLORIDA #1" OR BETTER AND SHALL BE INSTALLED AS SPECIFIED IN "FLORIDA DEPT. OF AGRICULTURAL 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 (I YEAR) FROM TIME OF FINAL INSPECTION & APPROVAL.
6. ALL SOD TO BE ST. AUGUSTIN FLORATAM SOLID, UNLESS OTHERWISE NOTED.
7. ALL BED AREAS TO RECEIVE A 3" LAYER OF EUCALYPTUS MULCH/ FLORIMULCH, & SHALL BE A MIN. OF 1'-0" WIDER THAN PLANTS (MEASURED FROM OUTSIDE OF FOLIAGE)
8. ALL TREES TO HAVE A 2 ½" 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, PEMIT, 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 TMES 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) HVY (INDICATED 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 FOR TREES, SHURBS AND GROUND COVER
COMMERCIAL FERTILIZER SHALL BE NUTRI PAK® 3 YR. TIME RELEASE FERTILIZER PACKET
DISTRIBUTED BY HORT- ENTERPRISES INC. EQUAL SUBSTITUTIONS MAY BE ACCEPTED
NUTRI PAK FERTILIZER PACKETS ARE AVAILABLE IN SPECIAL NUTRIENT FORMULATIONS FOR SPECIFIC PLANT TYPES EG. TREES, SHRUBS, FLOWERING PLANTS, POTTED PLANTS AND PALMS.
NEW TREE AND SHRUB APPLICATIONS: PLACE PACKET 6"-8" DEEP, SPACED EVENLY AROUND OUTER EDGES OF ROOTS 12 INCHES ON CENTER.
PERENNIALS: PLACE PACKETS 6"-8" DEEP NEAR ROOTS ESTABLISHED PLANTINGS:
MATRURE PLANTINGS:
TREES: USE 1 PACKET PER INCH OF TRUNK DIAMETER SPACED EVENLY AROUND DRIP LINE BURY 6"-8" BELOW SOIL IN UPRIGHT POSITION, TAP HOLE CLOSED WITH HEEL OF YOUR FOOT.
SHRUBS: USE 1 PACKET FOR EVERY 12 INCHES OF HEIGHT OR SPREAD.

GENERAL SLOW RELEASE FERTILIZERS MAY BE APPLIED WITH LOW OR NO PHOSPHORUS SUCH AS A 13-0-13 LOW PHOSPHORUS SHALL MEAN 2% OR LESS.
APPLICATION RATES SHALL BE ADHEARED TO AS WRITTEN ON THE PRODUCT LABEL. POSTPONE FERTILIZING WHEN ONE INCH OR MORE OF RAIN IS EXPECTED.

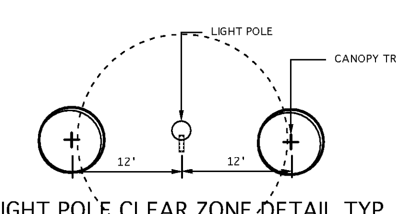
27. SUPER ABSORBENT POLYMER: "TERRA SORB" OR APPROVED EQUAL AS PACKAGED IN 3 OZ. HANDY PAC COMPOSED OF SYNTHETIC ACRLAMIDE COLOLYMER, POTASSIUM, AND ACRYLATE. PARTICLE SIZE OF 1.0 MM TO 3.0 MM AND ABSORPTION RATE OF 300 TIMES IT'S WEIGHT IN WATER. APPLY DRY USING THE FOLLOWING AMOUNT:
1 PAC PER TREE – 36" BALL SIZE
2 PAC PER TREE –OVER 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 1GAL. 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 FACILITIES DURING THE PLANTING 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 INSURE ELIMINATION OF STUBS. "HEADBACK" CUTS, RIGHT ANGLE TO LINE OF GROWTH WILL NOT BE PERMITTED AND TREES WILL NOT BE POLED, TOPPED, OR HATRACKED.
32. SITE PREPARATION: IT SHALL BE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO FINISH (FINE) GRADE ALL LANDSCAPE AREAS TO BE SODDED (PRIOR TO APPLICATION OF SOD) ELIMINATING ALL BUMPS, DEPRESSIONS, 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, RESETTING PLANTS TO PROPER GRADES OR UPRIGHT POSITION AND RESTORATION OF THE PLANTING SAUCER AND ANY OTHER NECESSARY OPERATION. PROPER PROTECTION TO LAWN AREAS SHALL BE PROVIDED AND ANY DAMAGE RESULTING FROM PLANTING OPERATIONS. SHALL BE REPAIRED PROMPTLY
34. (NOTE: SABAL PALMETTO/CABBAGE PALM SPECIES) TIE BRANCHES TOGETHER WITH BIO-DEGRADABLE TWINE TO TIGHT BUNDLE AROUND BUD FOR PROTECTION
35. MULCH. MULCH MAY BE USED WITHIN PLANTING BEDS IN CONJUNTION WITH GROUND COVER. MULCH SHALL BE RENEWED AND MAINTAINED AS REQUIRED TO MAINTAIN A THREE- INCH DEPTH AT THE TIME OF 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 SOLID SOD OF 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 TO A LEVEL 3" BELOW T TOP OF THE CURB. MANIPULATION OF THE GRADE BEHIND THE CURBING TO CREATE SMALL SCALE MOUNDING IS ENCOURAGED. ALL LANDSCAPED PLANTING BEDS SHALL BE EXCAVATED TO A DEPTH OF 6" AND REPLACED WITH CLEAN FILL. A MIN 2" OF TOPSOIL SHALL BE INSTALLED BELOW ALL SODDED AREAS.
38. A LANDSCAPE PERMITS SHALL BE VERIFIED AND OBTAINED BY THE LANDSACPE CONTRACTOR. NO TREES OR OTHER PLANT MATERIAL MAY BE PLANTED IN PUBLIC RIGHTS-OF-WAY (SWALE AREAS) WITHOUT PERMIT FROM THE CITY. NO SHRUB SPECIES WITH A MATURE HEIGHT THAT WILL BLOCK THE CLEAR SIGHT ZONE FROM 30 INCHES IN HEIGHT TO SIX FEET IN EIGHT WILL BE APPROVED IN SWALE AREAS.
39. TOPSOIL SHALL BE CLEAN AND FREE OF CONSTRUTION DEBRIS, WEEDS, ROCKS, NOXIOUS PESTS AND DISEASES, AND EXHIBITT A PH OF 6.5 TO 7.0. THE TOPSOIL FOR PLANTING AREAS SHALL BE AMENDED WITH 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.
    - ARID PLAMS:
      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 AREAS 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 (EXOTICS: ALL INVASIVE AND EXOTIC VEGETATION SHALL BE REMOVED FROM SITE INCLUDING WITHIN ABUTTING RIGHTS-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 AT TIME OF PLANTING AND MAINTAINED SO AS TO FORM A CONTINUOS VISUAL SCREEN. SHRUBS USED AS HEDGES SHALL BE FLORIDA DEPARTMENT OF AGRICULTURE GRADE No. 1 OR BETTER WITH A MINIMUM HEIGHT OF 24 INCHES AND MINIMUM SPREAD OF 18 INCHES WHEN MEASURED IMMEDIATELY AFTER PLANTING AND SHALL BE A MINIMUM OF THREE FEET IN HEIGHT WITHIN TWO YEARS FROM THE DATE OF PLANTING. HEDGES SHALL BE PLANTED WITH BRANCHES TOUCHING, WITHIN SIX MONTHS OF PLANTING SO AS TO CREATE A SOLID SCREEN WITH NO VISUAL SPACES BETWEEN PLANTS AT THIS TIME. PLANT SPACING MAY BE ADJUSTED ACCORDING TO PLANT SIZES SO LONG AS THE PROCEEDING IS ACHIEVED



TYPICAL FIRE HYDRANT CLEAR ZONE DETAIL



TYPICAL UTILITY SCREENING DETAIL



LIGHT POLE CLEAR ZONE DETAIL TYP.

REVISIONS:

DRC rev: 5/19/20

SHEET TITLE:

LANDSCAPE DETAILS AND SPECIFICATIONS

PROJECT:

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2890-2894 WEST BROWARD BLVD.
FT.LAUDERDALE FLORIDA

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