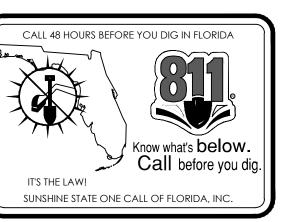
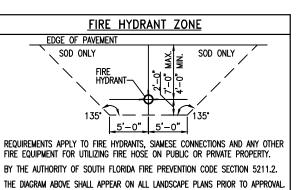


TREE BARRICADE DETAIL

- TREE BARRICADE NOTES: 1. ALL EXISTING TREES SHALL BE TRIMMED AND SHALL COMPLY WITH THE "AMERICAN
- NATIONAL STANDARDS INSTITUTE, (ANSI), A300-2005", CURRENT EDITION RESPECTIVELY 2. EXISTING TREES TO BE BARRICADED PRIOR TO BEGINNING OF CONSTRUCTION & SHALL REMAIN IN PLACE DURING CONSTRUCTION, IF REQUIRED SEE PLAN.
- 3. NO HEAVY EQUIPMENT, CONSTRUCTION MATERIALS OR SOIL DEPOSITS ARE TO BE ALLOWED
- 4. TOPSOIL SHALL BE CLEAN & REASONABLY FREE OF CONSTRUCTION DEBRIS, WEEDS,
- ROCKS, & NOXIOUS PESTS & DISEASE (SEE SOIL PLANTING SPECIFICATIONS). 5. TREE REMOVAL PERMIT SHALL BE REQUIRED PRIOR TO CONSTRUCTION & ANY CLEARING
- 6. ALL PROPOSED TREES TO BE RELOCATED SHALL BE ROOT PRUNED 8 WEEKS PRIOR TO CONSTRUCTION AND DONE ACCORDING TO
- GOOD NURSERY PRACTICE AS REQUIRED. TRENCH DEPTH SHALL BE 18"-36"; ROOT BALL SHALL BE A MINIMUM OF 60" WHEN ROOT PRUNED. FILL TRENCH WITH FIBROUS MATERIAL SUCH AS LEAVES, OR WOOD SHAVINGS. WATERING SHALL BE ONCE A WEEK DURING ROOT PRUNING. TORN ROOTS SHALL BE TRIMMED TO SOLID WOOD. RELOCATED TREES SHALL BE LIGHTLY PRUNED BY HAND. LANDSCAPE CONTRACTOR SHALL WATER RELOCATED TREES W/ TEMPORARY IRRIGATION EVERYDAY FOR THE FIRST MONTH THEN 2-3 TIMES A WEEK UNTIL SYSTEM IS FULLY AUTOMATIC; OWNER TO SUPPLY WATER ON SITE.
- TRANSPLANT TREES W/ 60" TREE SPADE, AND / OR TREE CRANE. TRANSPLANTING HOLE SHALL BE AT LEAST 1/3 BIGGER THAN THE AREA THAT WAS TRENCHED FOR TRANSPLANTING.
- 7. SET TREES NO DEEPER THAN IT WAS IN ITS ORIGINAL GROWING WITH THE ROOT BALLS EVEN WITH , OR SLIGHTLY HIGHER (+- 1") THAN THE FINISHED GRADE.
- 8. PROVIDE DISH TO RETAIN WATER, ELIMINATE AIR POCKETS WITH THE USE OF
- WATER HOSE, HOLE SHOULD BE FILLED WITH A MIXTURE
- 9. A TEMPORARY HOLDING AREA SHALL BE USED ON SITE DURING CONSTRUCTION
- OR UNTIL TREES CAN BE PROPERLY RELOCATED, COORDINATE WITH LANDSCAPE ARCHITECT. 10. LANDSCAPE CONTRACTOR TO REMOVE ALL EXISTING BRAZILIAN PEPPER, FLORIDA HOLLY AND ALL EXOTIC NUISANCE
- 11. CONTRACTOR SHALL FIELD ADJUST NEW TREE LOCATIONS TO BE 15' MINIMUM FROM LIGHT STANDARDS.

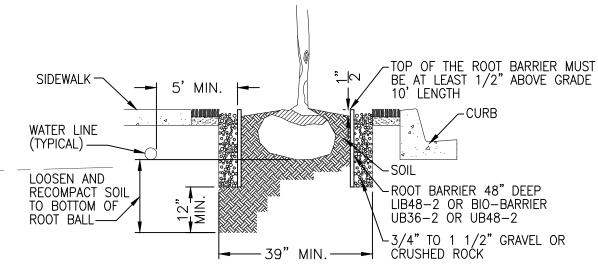




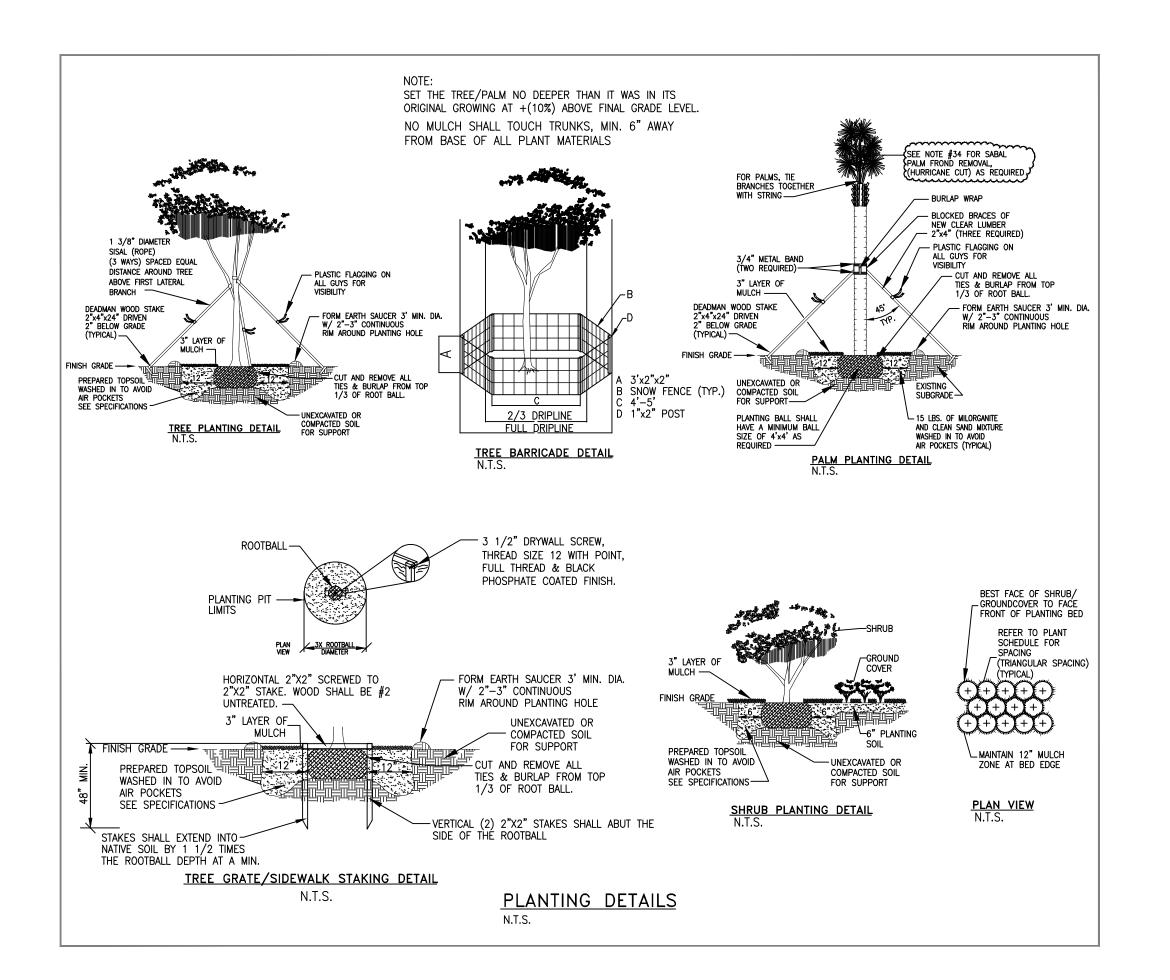
THE CLEAR ZONE SHALL BE FREE OF LANDSCAPE (EXCEPT SOD), MAILBOXES,

EXCEPTIONS: OTHER FIRE FIGHTING OR TRAFFIC POSTS TO PROTECT FIRE EQUIPMENT.

PARKING, LAMP-POSTS AND ALL OTHER OBJECTS.



ROOT BARRIER DETAIL (TYPICAL) INJECTION MOLDED, RECYCLED POLYPROPYLENE ROOT BARRIER WITH DOUBLE TOP EDGE

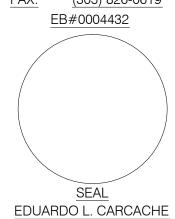


LANDSCAPE SPECIFICATIONS

- CONTRACTOR SHOULD MAKE HIS OWN TAKE OFF TO ELIMINATE DISCREPANCIES. IN CASE THEY OCCUR, THE PLAN WILL TAKE PRECEDENCE OVER THE PLANT LIST.
- EXACT LOCATION OF PLANT MATERIAL MAY VARY SLIGHTLY. COORDINATE FIELD LOCATIONS WITH OTHER TRADES PRIOR TO COMMENCEMENT OF WORK. THE LANDSCAPE PLANS SHALL NOT BE UTILIZED FOR STAKING, LAYOUT OR LOCATIONS OF ANY SITE STRUCTURE OR FEATURE INCLUDING BUT NOT LIMITED TO BUILDINGS, SIGNS, SIDEWALKS, EASEMENTS, UTILITIES OR ROADWAYS
- ALL PLANT MATERIAL FURNISHED BY THE LANDSCAPE CONTRACTOR SHALL BE FLORIDA #1" OR BETTER AND SHALL BE INSTALLED AS SPECIFIED IN "FLORIDA DEPT F AGRICÜLTURAL GRADES AND STANDARDS", CURRENT EDITION RESPECTIVELY.
- 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 / 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 (LIRIO CAN TREES NOT ACCEPTABLE), UNLESS OTHERWISE SHOWN.
- LANDSCAPER TO FURNISH ALL MATERIALS AND LABOR INCLUDING PLANTS, MULCH, TOP DRESSING, SOIL PREPARATION, DECORATIVE ITEMS (IF SHOWN), INSPECTIONS, TRANSPORTATION, WARRANTY, PERMITS, ETC., NECESSARY FOR COMPLETION OF ALL LANDSCAPING REQUIRED HEREIN EXCEPT IF DESIGNATED TO BE BY OTHERS.
- LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF ANY CHANGES IN THE MATERIAL OR DESIGN PRIOR TO INSTALLATION OF THE SAME.
- OWNER RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS.
- LANDSCAPER SHALL HAVE A COMPETENT SUPERINTENDENT PRESENT ON THE JOB
- WHO SHALL BE AUTHORIZED TO REPRESENT THE LANDSCAPER IN HIS ABSENCE.
- PLANTS SHOULD BE TYPICAL FOR THEIR VARIETY AND SPECIES, SOUND, HEALTHY VIGOROUS, FREE FROM PLANT DISEASE, INSECTS 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.
- 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.
- 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.
- PLANT MATERIALS 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 LOWEST FROND); 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 (INDICATES HEAVY); MIN (INDICATES MINIMUM).
- SUBSTITUTION: PLANT SUBSTITUTION REQUESTS, FOR PLANT MATERIAL NOT OBTAINABLE IN THE TYPE AND SIZES SPECIFIED SHALL BE MADE PRIOR TO SUBMISSION OF BIDS. ALL SUBSTITUTION REQUESTS SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT FOR CONSIDERATION AND 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.
- SET TREES NO DEEPER THAN IT WAS IN ITS ORIGINAL GROWING WITH THE ROOT BALLS EVEN WITH, OR SLIGHTLY HIGHER (+-1) THAN THE FINISHED GRADE.
- DELIVERY RECEIPTS FOR TOPSOIL, PLANTING SOIL & MULCH SHALL BE SUPPLIED TO THE INSPECTOR OR LANDSCAPE ARCHITECT UPON REQUEST.

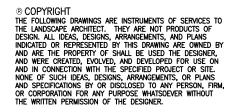
- 26. COMMERCIAL FERTILIZER: COMMERCIAL FERTILIZER SHALL BE AN ORGANIC FERTILIZER CONTAINING NITROGEN, PHOSPHORIC ACID, AND POTASH IN EQUAL PERCENTAGES OF AVAILABLE PLANT FOOD BY WEIGHT OR "MILORGANITE". NITROGEN SHALL BE NOT LESS THAN 100% FROM ORGANIC SOURCE. FERTILIZER SHALL BE DELIVERED TO THE SITE UNOPENED IN ORIGINAL CONTAINERS, EACH 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 CIRCLE AROUND THE PLANT BEFORE MULCHING. DO NOT TOUCH THE PLANT WITH THE FERTILIZER. WATER IN FERTILIZER AFTER MULCHING. APPLY "MILORGANITE" FERTILIZER AT THE FOLLOWING RATE
- 5 LBS. OR 14.5 CUPS / PALMS 3 LBS. OR 8.70 CUPS / 12'-16' MATERIAL 2 LBS OR 5.80 CUPS / 8'-12' 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 FLOWING AND SHALL MEET THE FOLLOWING REQUIREMENTS;
 - SIX (6) PERCENT NITROGEN, SIX (6) PERCENT PHOSPHOROUS, AND SIX (6) PERCENT POTASSIUM. FERTILIZER SHALL BE APPLIED TO ALL SHRUBS (1/3 LB. PER 3 GAL. CONTAINER, 1/4 LB. PER 1 GAL. CONTAINER) AND GROUNDCOVER. THE SOD STARTER FERTILIZER MIXTURE SHALL BE A 5-10-10 AT A RATE OF 20 LBS. PER 1000 S.F.. A 14-14-14 FERTILIZER IS REQUIRED ON ALL TREES AND SHRUBS OVER 5' IN HEIGHT (1/2 LB. PER 5' OF SPREAD). AGRIFORM TABLETS WITH TWENTY (20) PERCENT NITROGEN, TEN (10) PERCENT PHOSPHOROUS, FIVE (5) PERCENT POTASSIUM IN 21 GRAM SIZES & SHALL BE APPLIED AT THE FOLLOWING RATE: 1 PER 1 GAL. PLANTS, 2 PER 3 GAL. PLANTS AND 2 TABLETS PER 1" OF TREE TRUNK CALIPER. APPLY PALM SPECIAL FERTILIZER AS PER MANUFACTURERS RECOMMENDATION.
- 27. SUPER ABSORBENT POLYMER: "TERRA SORB" OR APPROVED EQUAL AS PACKAGED IN 3 OZ. HANDY PAC COMPOSED OF SYNTHETIC ACRLAMIDE COPOLYMER, POTASSIUM, 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 AMOUNTS:
- 1 PAC PER TREE 36" BALL SIZE 2 PACS 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 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 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 SOIL 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 STONES, PLANTS, ROOTS AND OTHER FOREIGN MATERIALS WHICH MIGHT BE A 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 SPECIFICATIONS.
- 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 MATERIAL 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 POLED, TOPPED, OR HATRACKED.
- 32. SITE PREPARATION: IT SHALL BE THE 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 POSITIONS 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. CONTRACTOR TO REMOVE ALL REMAINING FRONDS ON NEWLY PLANTED SABAL PALMS WITH THE EXCEPTION OF THE CENTER BUD TO INSURE BETTER SURVIVABILITY AND LESS WATER STRESS PROBLEMS OF THE PALM, THUS GIVING HIGHER SURVIVOR RATE OF THE SAME. (NOTE: OTHER PALM SPECIES TIE BRANCHES TOGETHER WITH BIODEGRADABLE TWINE TO A TIGHT BUNDLE AROUND BUD FOR PROTECTION AS REQUIRED)
- 35. ALL APPLICABLE FEDERAL, STATE, AND LOCAL PERMITS SHALL BE ATTAINED PRIOR TO ANY REMOVAL, RELOCATION, OR INSTALLATION OF PLANT MATERIALS INDICATED WITHIN THE PLANS OR PLAN DOCUMENTS.
- 36. A SIGHT VISIBILITY TRIANGLE SHALL BE PROVIDED. THE SIGHT VISIBILITY TRIANGLE SHALL PROVIDE UNOBSTRUCTED CROSS-VISIBILITY FOR VEHICULAR, PEDESTRIAN, AND BICYCLE TRAFFIC AT LEVEL BETWEEN 30" & 8 FT MEASURED FROM GRADE LEVEL AT ALL ENTRANCES, EXITS, AND INTERSECTIONS.





CIVIL ENGINEER-PE 31914 ANA A. GONZALEZ VALDEZ ARCHITECT-AR 97769





RBL#18-04-2101 DRAWN BY: RICK BARTLETT

06/25/2018 CHECKED BY: RGB/MER NO. DATE DESCRIPTION 1\ 05-31-18

/2 06−25−18

CONTRACT DATE:

BUILDING TYPE: EXP. LT. MED-40 PLAN VERSION SITE NUMBER:

STORE NUMBER:

TACO BELL

420630

20711 SO. DIXIE. HWY CUTLER BAY, FL



STREET TREE **BUFFER**

PLOT DATE: 07-06-2018