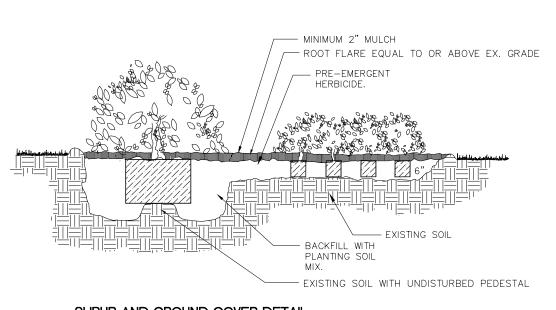
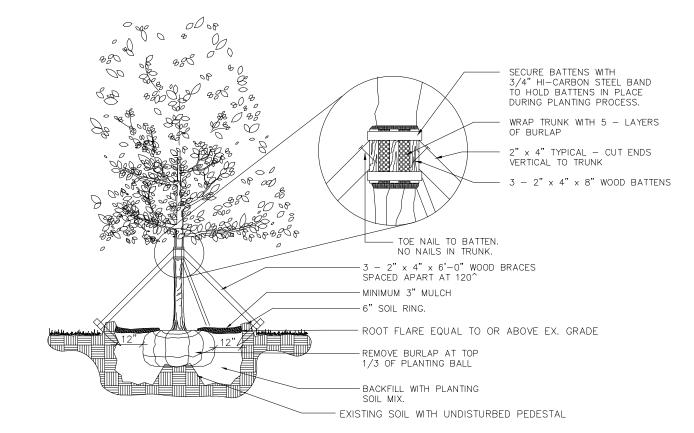


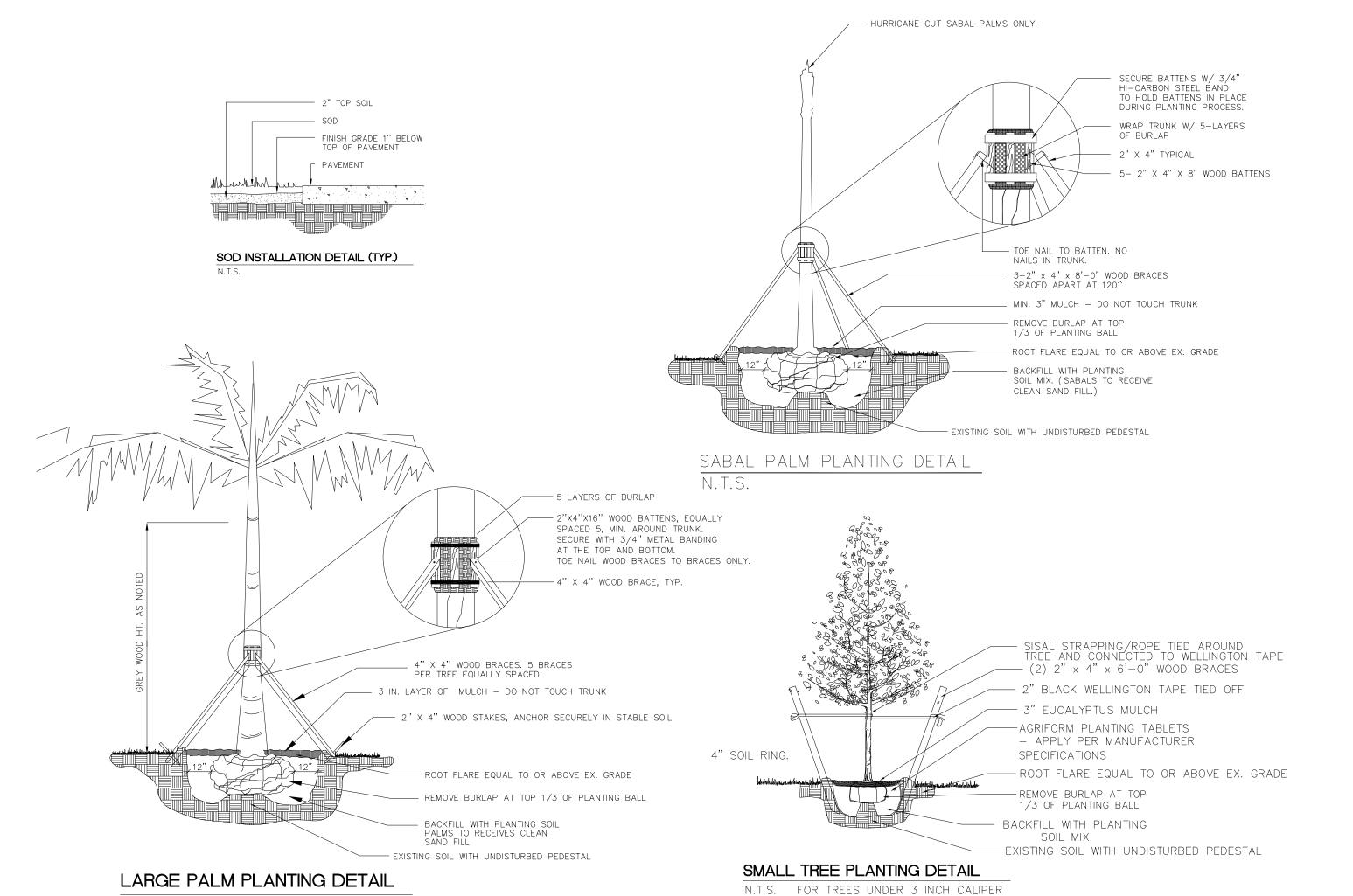
TREE PROTECTION / TEMPORARY BARRIER DETAIL



SHRUB AND GROUND COVER DETAIL







LANDSCAPE NOTES:

1. LANDSCAPE:

A. GENERAL: CONDITIONS AND REQUIREMENTS

N.T.S.

- 1) WORK TO INCLUDE FURNISHING LABOR, MATERIALS, TOOLS AND EQUIPMENT, OBTAINING NECESSARY PERMITS; INSTALLING ALL MATERIALS NECESSARY TO COMPLETE IN PLACE THE LANDSCAPING AS SHOWN ON THE PLANS AND AS HEREIN SPECIFIED.
- 2) THE INSTALLATION SHALL COMPLY WITH ALL REGULATIONS OF THE COUNTY, CITY AND THE STATE OF FLORIDA. ALL LICENSES, PERMITS AND INSPECTIONS REQUIRED SHALL BE OBTAINED BY CONTRACTOR. OWNER WILL PAY PERMIT FEE DIRECTLY TO THE CITY. AT COMPLETION OF THE WORK, THE CONTRACTOR WILL TRANSMIT ALL APPLICABLE CERTIFICATES OF INSPECTION TO THE OWNER, OR AUTHORIZED REPRESENTATIVE.
- 3) THE CONTRACTOR AND THE LANDSCAPE SUBCONTRACTOR SHALL PROVIDE A QUALIFIED FOREMAN PRESENT ON THE SITE AT ALL TIMES. THE FOREMAN SHALL BE WELL-VERSED IN READING AND UNDERSTANDING PLANS. THE LANDSCAPE FOREMAN SHALL BE KNOWLEDGEABLE ABOUT SOUTH FLORIDA PLANT MATERIAL AND ITS PROPER HANDLING. THE FOREMAN SHALL BE A FULLY AUTHORIZED AGENT OF THE CONTRACTOR, CAPABLE OF MAKING ON-SITE DECISIONS.

B. MATERIALS:

- 1) PLANT SIZES: ALL SIZES SHOWN FOR PLANT MATERIALS ON THE PLAN ARE TO BE CONSIDERED AS MINIMUMS. ALL PLANT MATERIAL MUST MEET OR EXCEED THESE MINIMUM REQUIREMENTS FOR BOTH HEIGHT AND SPREAD. ANY OTHER REQUIREMENTS FOR SPFCIFIC SHAPE OR EFFECT AS NOTED ON THE PLAN WILL ALSO BE REQUIRED FOR ACCEPTANCE.
- 2) PLANT QUALITY: ALL PLANT MATERIAL FURNISHED BY THE LANDSCAPE CONTRACTOR, UNLESS OTHERWISE SPECIFIED, SHALL BE FLORIDA NO.1, OR BETTER, AND SHALL BE INSTALLED AS SPECIFIED IN "GRADES AND STANDARDS FOR NURSERY PLANTS", LATEST EDITION.
- 3) PLANTS NOT LISTED IN "GRADES AND STANDARDS FOR NURSERY PLANTS" SHALL CONFORM TO THE FLORIDA STANDARDS SPECIFIED FOR PLANTS LISTED WITH SIMILAR GROWTH HABITS. THE PLANT STANDARDS TO BE MET INCLUDE FREEDOM FROM PEST AND MECHANICAL DAMAGE, FOLIAGE CONDITIONS, TRUNK AND BRANCHING HABIT. AND ROOT CONDITION.
- 4) BALLED AND BURLAPPED (B&B) PLANTS SHALL BE HANDLED BY THE ROOTBALL ONLY. PLANTS WITH CRACKED OR LOOSE ROOTBALLS WILL NOT BE ACCEPTED. ROOTBALLS ARE TO BE A SIZE NORMAL TO SOUND NURSERY PRACTICE. ROOT SYSTEMS SHALL BE WELL-BRANCHED AND FIBROUS.

- 5) CONTAINER GROWN PLANTS SHALL BE WELL-ROOTED. C: INSTALLATION: PLANTS THAT ARE ROOTBOUND OR ARE DISPROPORTIONATELY LARGE FOR THE CONTAINER SIZE WILL NOT BE ACCEPTED.
- 6) PLANTS GROWN IN FLATS SHALL BE WELL-ROOTED AND HEAVILY FOLIAGED.
- 7) ROOT PRUNING: PLANTS SHALL BE ROOTPRUNED OR PREPARED AS NECESSARY TO AVOID TRANSPLANTING CAUSED DIEBACK, OR DEFOLIATION IN EXCESS OF TWENTY-FIVE PERCENT UNLESS ATTRIBUTED TO SEASONAL CHANGE. PLANTS EXHIBITING THESE CHARACTERISTICS WILL BE REMOVED AT THE REQUEST OF THE OWNER, OR AUTHORIZED REPRESENTATIVE.
- 8) PALMS: ALL PALMS SHALL BE FLORIDA GRADE NO. 1, OR BETTER. AS SPECIFIED IN "GRADES AND STANDARDS FOR NURSERY PLANTS" - LATEST COPY
- UNLESS OTHERWISE SPECIFIED, ALL NON-SABAL PALMETTO SHALL BE FREE OF FROND BOOTS. PALMS WITH BURNED OR IRREGULAR TRUNKS, TRUNKS WITH NAILS IN THEM, OR CABLE AND OTHER MECHANICAL SCARS WILL BE UNACCEPTABLE. REMOVE ALL DEAD FRONDS AND TAPER TRIM BY NO MORE THAN ONE-THIRD OF PALM HEAD.
- 9) SUBSTITUTIONS: SUBSTITUTIONS OF PLANT TYPE OR SIZE WILL NOT BE ACCEPTED UNLESS SUBSTANTIAL DOCUMENTATION IS SUBMITTED SHOWING THE UNAVAILABILITY OF THE PARTICULAR PLANT TYPE OR SIZE. CONTRACTOR TO CONTACT LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE PRIOR TO BID.
- 10) PLANTING SOIL: ALL PLANT MATERIAL INSTALLED SHALL BE PLANTED WITH TOPSOIL THAT IS CLEAN AND AND COMPLETELY FREE OF CONSTRUCTION DEBRIS, WEEDS, VIABLE WEED SEEDS, NOXIOUS PESTS, ROCKS, DISEASE, AND MATERIALS. THE TOPSOIL IS TO BE FIFTY PERCENT MUCK AND FIFTY PERCENT SAND.
- 11) MULCH: ALL MULCH SHALL BE ARSENIC FREE GRADE #1 FLORIMULCH OR APPROVED EQUAL.

- 1) PLANTING BEDS: THE PLANTING BEDS SHALL BE PREPARED TO PROVIDE ADEQUATE DRAINAGE FOR GOOD PLANT GROWTH. THE CONTRACTOR SHALL REPORT IN WRITING ANY CONTAMINANTS DISCOVERED IN A PLANTING BED THAT WOULD INHIBIT GOOD PLANT GROWTH TO THE OWNER, OR HIS AGENT, PRIOR TO PLANTING IN SUCH A CONTAMINATED PLANT BED.
- 2) FERTILIZER: TREES AND SHRUBS SHALL BE FERTILIZED AT TIME OF PLANTING WITH A GENERAL PURPOSE FERTILIZER IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
- 3) MULCH: ALL TREES IN SOD AREAS ARE TO HAVE A (30) INCH RAISED SOIL RING COVERED WITH A (3) INCH LAYER ÒF GRADE #1 EUCALYPTUS MULCH. COVER ALL SHRUB AND GROUND COVER BEDS WITH A (2) INCH LAYER OF MULCH. DO NOT LET MULCH TOUCH OUTER BARK OF ANY PLANT.
- 4) WATERING: HAND WATERING SHALL BE DONE AS NEEDED TO KEEP THE PLANT ROOT MASSES AND PLANTING SOIL UNIFORMLY MOIST TO MAINTAIN A HEALTHY GROWING CONDITION UNTIL FINAL JOB ACCEPTANCE BY THE OWNER, OR AUTHORIZED REPRESENTATIVE. ANY PLANTS WITH ROOT MASSES THAT DRY OUT WILL NOT BE ACCEPTABLE.
- 5) SODDING: PLACE ST. AUGUSTINE 'FLORITAM' SOLID SOD IN ALL AREAS NOT COVERED WITH PLANT MATERIAL OR PAVING AS NOTED ON THE PLANS. THE SOD AND SOD BED SHALL BE MOIST AT TIME OF INSTALLATION. THE SOD SHALL BE THICK, WELL-MATTED AND EVENLY CUT. THE SOD SHALL BE STRONG ENOUGH SO IT RETAINS ITS SHAPE WHEN HANDLED BY THE TOP GRASS BLADES. THE SOD PIECED SHALL BE A MINIMUM 12" X 24" SIZE. THE SOD BED IS TO BE WELL-COMPACTED AND EVEN. THE SOD SHALL BE LAID BY HAND SO THERE ARE NO GAPS OR VOIDS BETWEEN PIECES. STAGGER THE SOD PIECES BETWEEN ROWS. ON SLOPES, THE ROWS SHALL RUN 90° TO THE SLOPE DIRECTION. ROLL OR HAND TAMP THE SOD IMMEDIATELY AFTER INSTALLATION AND COMMENCE WATERING. THE SOD LEVEL SHALL BE SET SO WATERFLOW FROM ADJACENT SURFACES IS NOT IMPEDED. MAINTENANCE OF THE SOD WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE BY THE OWNER, OR AUTHORIZED REPRESENTATIVE. MOWING SHALL BE DONE OFTEN ENOUGH SO NO MORE THAN ONE-THIRD THE HEIGHT OF THE GRASS BLADE IS REMOVED. THE SOD SHALL BE GUARANTEED FREE OF WEEDS AND PESTS THAT AFFECT ITS UNIFORM APPEARANCE FOR NINETY DAYS. SOD LINES AT SHRUB BEDS, TREE RINGS AND PAVEMENTS

SHALL BE CUT EVEN AND SHARP.

6) TREE GUYING AND STAKING: SEE PLANTING DETAILS THE USE OD SISAL STRAPPING/ROPE IS REQUIRED TO BE INCORPORATED AROUND THE TREE WHEN WELLINGTON TAPE IS USED TO STABILIZE THE PLANTING.

N.T.S.

- 7) PLANTING: REMOVE THE EXCAVATED SOIL MATERIAL FROM THE PLANT HOLES. INSTALL PLANT AT CORRECT LEVEL (SEE DETAIL). GROUNDCOVER PLANTING AREAS ARE TO BE EXCAVATED TO A DEPTH OF SIX INCHES. SHRUB PLANTING AREAS ARE TO BE EXCAVATED SIX INCHES DEEPER THAN THE ROOT DEPTH AND SIX INCHES GREATER IN RADIUS. TRENCH HEDGE PLANTING STRIPS SIX INCHES DEEPER THAN THE ROOT DEPTH AND SIX INCHES WIDER ON EACH SIDE OF THE PLANTS.
- SET ALL PLANTS ON A FIRM WELL COMPACTED BASE IN A STRAIGHT UPRIGHT POSITION AT THE SAME DEPTH AS BEFORE TRANSPLANTING SO THE TOP OF THE ROOTBALL IS EQUAL TO THE LEVEL OF THE SURROUNDING FINISHED GRADE. WHEN BACKFILLING AROUND THE PLANTS, TAMP AND WATER IN THE TOP SOIL TO ELIMINATED AIRPOCKETS. RELEVEL AND FILL ANY AREAS THAT SETTLE AFTER COMPLETION OF THE JOB. THE OWNER OR AUTHORIZED REPRESENTATIVE WILL REQUIRE PLANTS BE RESET IF NOT SET PROPERLY.
- 8) PRUNING: ALL PRUNING SHALL BE DONE IN ACCORDANCE WITH STANDARDS SET FORTH IN THE ANSI A3000 GUIDELINES. LIMIT PRUNING TO BROKEN OR DAMAGE STEMS. PRUNE BACK TO THE PARENT STEM IF NECESSARY TO COMPENSATE FOR ROOTS LOST IN TRANSPLANTING. NO PRUNING SHALL BE DONE TO ADVERSELY AFFECT THE NATURAL HABIT OR SHAPE OF PLANTS UNLESS OTHERWISE SPECIFIED. ROOTS THAT ARE BROKEN OR JAGGED SHALL BE CUT CLEANLY. THE OWNER OR AUTHORIZED REPRESENTATIVE RESERVES THE RIGHT TO REQUIRE ADDITIONAL PRUNING FOR AESTHETIC OR OTHER REASONS.
- D. FINAL COMPLETION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR LEAVING THE JOB SITE FREE OF ALL CONSTRUCTION DEBRIS AND IN AN ORDERLY STATE. CLEAN ALL WALKS, PAVING, AND SITE FEATURES OF DIRT. TIRE MARKS AND OTHER DEBRIS. WEEDING OF PLANT BEDS, PRUNING OF SHRUBS, CUTTING AND TRIMMING OF GRASS WILL BE DONE UNTIL THE JOB IS COMPLETE AND ACCEPTED BY THE OWNER OR AUTHORIZED REPRESENTATIVE. UNTIL FINAL ACCEPTANCE, THE PLANT MATERIALS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- GUARANTEE: ALL PLANT MATERIAL AND WORK SHALL BE GUARANTEED AS FOLLOWS; TREES AND PALMS - ONE YEAR, SHRUBS AND GROUND COVERS - 90 DAYS, ALL TIMELINES FROM DATE OF FINAL JOB ACCEPTANCE. DURING THE SPECIFIED GUARANTEE PERIOD, ANY PLANT MATERIAL THAT DIES, OR IS IN AN UNHEALTHY CONDITION SHALL BE REPLACED WITH THE SAME PLANT TYPE AT LEAST EQUAL TO THE SIZE AND QUALITY ORIGINALLY SPECIFIED. THE REPLACEMENT MATERIAL SHALL BE INSTALLED WITHIN (2) WEEKS OF NOTICE FROM OWNER ARE TO BE MADE BY THE CONTRACTOR. AND SHALL BE GUARANTEED FOR AS SPECIFIED ABOVE FROM THE DATE OF ITS INSTALLATION. THE GUARANTEE WILL BE NULL AND VOID IF PLANT MATERIAL IS DAMAGED OR KILLED BY LIGHTNING, HURRICANE FORCE WINDS, HAIL OR FREEZE.
- F. EXCESS SUITABLE MATERIAL: UPON DIRECTION OF THE OWNER, OR AUTHORIZED REPRESENTATIVE, ALL VEGETATION, ROCKS, BOULDERS, DEBRIS, CONCRETE, OR OTHER UNSUITABLE MATERIALS SHALL BE DISPOSED IN A SUITABLE MANNER BY THE CONTRACTOR.
- G. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES. CARE SHOULD BE TAKEN NOT TO DISTURB OR DAMAGE ANY UTILITIES. ANY DAMAGE WILL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR IN A MANNER APPROVED BY THE OWNER'S REPRESENTATIVE. WHERE UNDERGROUND CONSTRUCTION OR OBSTRUCTION WILLNOT PERMIT THE INSTALLATION PER PLANS, NEW LOCATIONS FOR THE PLANT MATERIAL WILL BE DESIGNATED BY THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE.
- TREE LOCATIONS ARE TO BE STAKED IN THE FIELD PRIOR TO INSTALATION. LOCATIONS ARE SCHEMATIC AND MAY REQUIRE ADJUSTMENT. IN EVENT OF CONFLICTS WITH UTILITIES, EXISTING PLANT MATERIAL, ETC., LANDSCAPE ARCHITECT TO APPROVE FINAL LOCATIONS PRIOR TO PLANTING.
- ALL TREES AND PALMS TO BE THOROUGHLY WATERED IN AT PLANTING. TREES AND PALMS SHALL BE STAKED TO ASSURE PROPER ALIGNMENT AND STABILITY. J. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES FOR MATERIAL ON DRAWINGS PRIOR TO SUBMITTING BID. THE PLANTING PLAN SHALL TAKE PRECEDENCE OVER PLANT LIST. FINAL SOD, MULCH, AND TOPSOIL QUANTITIES
- -ALL ROOT BALLS MUST BE PLANTED APPROXIMATELY AT OR SLIGHTLY ABOVE GRADE. -WIRE CAGES, BURLAP, PLASTIC CONTAINER AND GROW BAGS MUST BE REMOVED PRIOR TO PLANTING -ALL MECHANICAL EQUIPMENT MUST BE SCREENED WITH HEDGE MATERIAL TO THE HEIGHT OF THE ELEMENT AT TIME OF INSTALLATION. INCREASE HEIGHT OF MATERIAL AS NECESSARY AND NOTIFY OWNER OR OWNER'S REPRESENTATIVE OF ANY
- ADDITIONAL CHARGES. - A FULLY AUTOMATIC IRRIGATION SYSTEM WITH RAIN SENSOR MUST PROVIDE RUST FREE WATER WITH 100% COVERAGE AND 100% OVERLAP. IRRIGATION SPRAY ONTO DRIVEWAY AND WALKWAYS MUST BE AVOIDED. - TREE REMOVAL/RELOCATION PERMIT IS REQUIRED FOR RELOCATIONS AND REQUIRED FOR REMOVALS PRIOR TO COMMENCEMENT OF WORK.

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NOTES AND DETAILS DRB FINAL SUBMITTAL DRB21-0673

CAUTION: PLEASE NOTE Contractor shall secure all permits required for the work from any state or local departments, utility companies or jurisdiction affected by the work. The Contractor shall have permits "in hand" prior to starting work. The Landscape Architect

48 HOURS BEFORE DIGGING **CALL** 811 TOLL FREE SUNSHINE STATE UTILITIES LOCATION and/ or Owner shall bear no responsibility for work performed without permitted drawings. The Contractor shall be responsible for all changes to Work, at no additional cost to Owner, ONE CALL CENTER OF FLORIDA as a result of unauthorized work prior to receipt of permit.

SHEET:

CHRISTOPHER SCOTT DAVIDSON

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6060 Indian Creek MIAMI BEACH, FL

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