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PROJECT TITLE

ADDITION TO BEILE CENTER

6117 HOLLYWOOD BOULEVARD
HOLLYWOOD, FLORIDA 33024

SHEET TITLE
LANDSCAPE NOTES
AND DETAILS

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1. LANDSCAPE:

A. GENERAL: CONDITIONS AND REQUIREMENTS

- 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 AND THE STATE OF FLORIDA. ALL LICENSES, PERMITS AND INSPECTIONS REQUIRED SHALL BE OBTAINED AND PAID FOR BY THE CONTRACTOR. AT COMPLETION OF THE WORK, THE CONTRACTOR WILL TRANSMIT ALL BE KOCALISEABLE 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 SUBCONTRACTOR SHALL BE KOCALISEABLE 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.
3. MATERIALS:
- 1) PLANT SPECIES: 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 SPECIFIC 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 FIELD GROWN, OR BETTER AND SHALL BE INSTALLED AS SPECIFIED 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 INCLUDED INCLUDE: PLANT HEALTH, MECHANICAL DAMAGE, FOLIAGE CONDITIONS, TRUNK AND BRANCHING HABIT, AND ROOT CONDITION.
 - 4) BALLED AND BURLAPPED (B&B) PLANTS SHALL BE CRACKED BY THE ROOTBALL ONLY. PLANTS WITH CRACKED OR LOOSE ROOTBALLS WILL NOT BE ACCEPTED. ROOTBALLS ARE TO BE A SIZE NORMAL TO SOIL AND NURSERY PRACTICES. ROOT SYSTEMS SHALL BE WELL-BRANCHED AND FIBROUS.

B. MATERIALS:

- 5) CONTAINER GROWN PLANTS SHALL BE WELL-ROOTED. PLANTS THAT ARE ROOTBOUND OR ARE DISPROPORTIONATELY LARGE FOR THE CONTAINER SIZE WILL NOT BE ACCEPTED.
- 6) PLANTS GROWN IN PLANTS SHALL BE WELL-ROOTED AND HEAVILY FOLIAGED.
- 7) ROOT PRUNING: PLANTS SHALL BE ROOTPRUNED OR PREPARED AS NECESSARY TO AVOID TRANSPLANTING CAUSING 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 SCOTS. PALMS WITH DIEBACK OR IRREGULAR FRONTS, FOLIAGE 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 LA. PRIOR TO BID.
- 10) PLANTING SOIL: ALL PLANT MATERIAL INSTALLED SHALL BE PLANTED WITH TOPSOIL THAT IS CLEAN A AND COMPLETELY FREE OF CONSTRUCTION DEBRIS, VIABLE WEED SEEDS, TOXICOUS PESTS, ROCKS, STONES, AND LIMESTONE. SOIL SHALL BE AT LEAST TO FIFTY PERCENT MUCK AND FIFTY PERCENT SAND.
- 11) MULCH: ALL MULCH SHALL BE GRADE 'A' SPANISH GOLD' MULCH OR APPROVED EQUAL.

C: INSTALLATION

- 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 WITH 2) GRAM AGRIPOWER FERTILIZER TABLETS WITH 4) 22-15-15 NUTRIENT, PHOSPHORUS, AND POTASSIUM ANALYSIS AT THE APPLICATION RATES AS FOLLOWS:
- | CONTAINER SIZE: | APPLICATION RATE: |
|-----------------|-------------------|
| 3" CONTAINER | 1 TABLET |
| 4" CONTAINER | 2 TABLETS |
| 5" CONTAINER | 4 TABLETS |
| 6" CONTAINER | 7 TABLETS |
- TREES - 1) 1) TABLET FOR EACH 1/2 INCH OF TRUNK DIAMETER MEASURED 18" ABOVE FINISHED GRADE
- ALL PALMS, SHRUBS AND GROUNDCOVERS (NOT INCLUDING OPHIOPOSSON SP. OR ANY BRONCHIAD SP.) SHALL BE FERTILIZED WITH AN APPROVED GRANULAR "PALM SPECIAL" FERTILIZER 13-5-13 (N-P-K) MINIMUM 50% SOLUBLE RELEASE. BY LESCO CONTAINING MINOR ELEMENTS INCLUDING IRON, BY LESCO CONTAINING MINOR ELEMENTS INCLUDING IRON, MANGANESE, MAGNESIUM AND ZINC. APPLICATION SHALL BE ACCORDING TO MANUFACTURER'S SPEC'S.
- 3) MULCH: ALL TREES IN SOO AREAS ARE TO HAVE A (32) INCH RAISED OIL RIM COVERED WITH A (3) INCH LAYER OF "SPANISH GOLD" RECYCLED 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 MASSAGES AND PLANTING SOIL UNIFORM TO MAINTAIN A HEALTHY GROUNDING CONDITION UNTIL FINAL JOB ACCEPTANCE BY THE OWNER, OR AUTHORIZED REPRESENTATIVE. ANY PLANTS WITH ROOT MASSAGES THAT DRY OUT WILL NOT BE ACCEPTABLE.

- SODDING, PLACE ST. AUGUSTINE FLORITAM¹ SOLID SOD IN ALL AREAS NOT COVERED WITH PLANT MATERIAL OR PAVING AS NOTED ON THE PLANS. THE SOD AND SOD BED SHALL BE CUT TO THE PROPOSED FINISH ELEVATION. 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 WEDGES. THE SOD SHALL BE A MINIMUM 12" X 24" SIZE. THE SOD BED 1/2 TO BE WELL-COMPACTED AND EVEN. THE SOD SHALL BE LAID BY HAND SO THERE ARE NO GAPS OR VOIDS BETWEEN ROWS. STAGGER THE SOD BLADES 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 ADJUSTED TO WATERFLOW FROM ADJACENT SURFACES IS NOT IMPEDED. MAINTENANCE OF THE SOD WILL BE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ACCEPTANCE OF THE FINISH OR THE SOD IS REPRESENTATIVE. MOWING SHALL BE DONE AFTER ENOUGH SO NO MORE THAN ONE-THIRD THE HEIGHT OF THE GRASS BLADE IS REMOVED. THE SOD SHALL BE GUARANTEED PROPERLY FOR TWO YEARS. THE CONTRACTOR SHALL MAINTAIN THE SOD TO PRESENT ITS UNIFORM APPEARANCE FOR NINETY DAYS. SOD LINES AT SHRUB BEDS, TREE RINGS AND PAVEMENTS SHALL BE CUT EVEN AND SHARP.
- 2) TREE GUYING AND STAKING: SEE PLANTING DETAILS
- 1) PLANTING: REMOVE THE EXCAVATED SOIL MATERIAL FROM THE PLANT HOLES. INSTALL PLANT AT CORRECT LEVEL (SEE DETAIL). GROUND COVER 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 NINE INCHES GREATER IN RADIUS. TRENCH-EDGE PLANTING STRIPS (NINE INCHES DEEPER THAN THE ROOT DEPTH AND SIX INCHES WIDER ON EACH SIDE OF THE PLANTS. EXCAVATE ALL TREE PLANTING HOLES TWELVE INCHES DEEPER THAN THE ROOTBALL DEPTH. LOOSEN THE BOTTOM OF THE HOLE SIX INCHES DEEPER THAN THE REQUIRED HOLES DEPTH. TREES 18" TO 24" IN DIAMETER OR LESS SHALL BE PLANTED IN HOLES ONE FOOT GREATER IN RADIUS. TREES WITH ROOTBALLS GREATER THAN TWO FEET AND LESS THAN FOUR FEET IN DIAMETER SHALL BE PLANTED IN HOLES FIFTY-FOUR INCHES GREATER IN RADIUS.

- 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 ELIMINATE AIR BUBBLES. HOLEWAYS FILL ANY AREAS THAT SETTLE AFTER COMPLETION OF THE JOB. THE OWNER OR AUTHORIZED REPRESENTATIVE WILL REQUIRE PLANTS BE RESET IF NOT SET PROPERLY.
- G. PRUNING: ALL PRUNING SHALL BE DONE IN ACCORDANCE WITH STANDARDS SET FORTH BY THE INTERNATIONAL SOCIETY OF ARBORICULTURISTS. 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 AT THE DISCRETION OF 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, PAVES AND SITE FEATURES. LOCATE, MARK AND REMOVE OTHER DEBRIS. WEEDING OF PLANT BEDS, PRUNING OF SHRUBS, CUTTING AND TRIMMING OF GRASSES SHALL BE DONE BY THE JOB CLOSE DATE. THE OWNER OR AUTHORIZED REPRESENTATIVE, UNTIL FINAL ACCEPTANCE, THE PLANT MATERIALS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- E. GUARANTEE: ALL PLANT MATERIAL AND WORK SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF FINAL JOB ACCEPTANCE. PRUNING AND WEEDING GUARANTEE. ANY PLANT MATERIAL THAT DIES, OR IS IN AN UNHEALTHY CONDITION SHALL BE REPLACED WITH THE SAME PLANT TYPE AT THE AT LEAST EQUAL TO THE SIZE AND QUALITY OF THE ORIGINALLY SPECIFIED. THE REPLACEMENT MATERIAL SHALL BE INSTALLED WITHIN (2) WEEKS OF NOTICE FROM OWNER AND SHALL ALSO BE GUARANTEED FOR 6 MONTHS FROM THE DATE OF REPLACEMENT. MATERIALS THAT ARE KILLED BY DROUGHT 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, 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. ANY INVESTIGATIVE WORKS UNDERGROUND CONSTRUCTION OR OBSTRUCTION WILL NOT PERMIT THE INSTALLATION PER ALLS, NEW LOCATIONS FOR THE PLANT MATERIAL WILL BE DESIGNATED BY THE L.A.
- H. TREE LOCATIONS ARE TO BE STAKED IN THE FIELD PRIOR TO INSTALLATION. 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.
- I. 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 THE SITE PLAN. ST. FINAL TOP SOIL, MULCH, AND TOPSOIL QUANTITIES ARE TO BE MADE BY THE CONTRACTOR.

