

GENERAL NOTES

1. THE LOCATION OF PLANT MATERIAL AS SHOWN ON THESE PLANS IS FINAL. THE FINAL LOCATIONS CAN BE ADJUSTED ON SITE TO ACCOMMODATE UNFORESEEN FIELD CONDITIONS. THESE CHANGES MUST COMPLY WITH ALL SAFETY SETBACK CRITERIA AND BE DIRECTED OR APPROVED BY THE LANDSCAPE ARCHITECT AND THE CITY OF SUNRISE.
2. REPORT ANY AND ALL DISCREPANCIES BETWEEN THE CONSTRUCTION DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT IMMEDIATELY.
3. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLANT COUNTS AND REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
4. BEFORE CONSTRUCTION BEGINS THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING CONSTRUCTION. IF SUCH DAMAGE OCCURS THE CONTRACTOR IS RESPONSIBLE FOR ANY NECESSARY REPAIRS AND THEY SHOULD BE MADE IMMEDIATELY AT THE CONTRACTORS EXPENSE WITH SUPERVISION OF THE LANDSCAPE ARCHITECT.
5. ALL MUST COMPLY WITH THE FLORIDA STATE STATUTE 553.81- "PROTECTION OF UNDERGROUND PIPELINES."
6. THE CONTRACTOR MUST COMPLY WITH ALL STATE AND LOCAL WATER QUALITY STANDARDS.
7. THE LOCATION OF ALL THE UTILITIES SHOWN ON THE PLAN IS APPROXIMATE. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR ON SITE. ALL PLANTING MAY BE ADJUSTED TO AVOID CONFLICTS WITH UTILITIES AND/OR EXISTING ABOVE GROUND ELEMENTS. ANY ADJUSTMENTS GREATER THAN 10 FEET SHALL BE DONE ONLY WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT.
8. CAUTION SHOULD BE EXERCISED WHEN WORKING NEAR EXISTING PLANTING AND ANY FURNISHING THAT IS TO REMAIN ON SITE TO PREVENT ANY DAMAGE. ANY SIGNS, STRUCTURES, OR PLANTING SHALL BE REPLACED AT THE CONTRACTORS EXPENSE IF DAMAGED BEYOND USE. DAMAGED BEYOND USE WILL BE DETERMINED BY THE LANDSCAPE ARCHITECT.
9. ANY MAINTENANCE THAT INVOLVES TRAFFIC ACTIVITY SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR AND ONGOING CONSTRUCTION ACTIVITIES.
10. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL WORK AREAS AT THE END OF EACH WORKING DAY. ANY DEBRIS SHALL BE COLLECTED AND DEPOSITED APPROPRIATELY OFF SITE DAILY. ALL MATERIALS, PRODUCTS, AND EQUIPMENT SHALL BE STORED IN AN ORGANIZED FASHION AS DIRECTED BY THE LANDSCAPE ARCHITECT.
11. TREE REMOVAL PERMITS ARE REQUIRED FOR TREE REMOVALS EXCEPT IN THE CASE OF THOSE TREES ON THE EXOTIC SPECIES LIST OR TREES DEEMED TO BE PUBLIC NUISANCES.
12. AN IRRIGATION PLAN AND SPECIFICATIONS FOR THE SYSTEM MUST BE INCLUDED WITH THE LANDSCAPE PLANS WHEN SUBMITTING FOR PERMIT. THE IRRIGATION SYSTEM SHALL BE DESIGNED TO HAVE A MINIMUM OF 150% COVERAGE. THE SYSTEM MUST INCLUDE A RAIN SENSOR.
13. THE CONTRACTOR IS RESPONSIBLE FOR PULLING ALL PERMITS THAT ARE REQUIRED BY THE CITY FOR TREE REMOVAL, RELOCATION, OR TREE PROTECTION BEFORE BEGINNING WORK.
14. ALL EXISTING TREES TO REMAIN SHALL BE PROTECTED BY INSTALLING PROTECTIVE BARRIERS AROUND THE DRIP LINE OF TREES. THESE PROTECTIVE BARRIERS SHALL BE SEEN EASILY BY OPERATORS OF TRUCKS AND OTHER EQUIPMENT. THEY SHALL BE CONSTRUCTED OF STURDY MATERIALS (NOT FLAGGING OR RIBBON) AND SHALL BE INSTALLED PRIOR TO AND DURING CONSTRUCTION AND/OR LAND DEVELOPMENT.
15. DO NOT STORE OR USE ANY MATERIALS OR EQUIPMENT WITHIN THE DRIP LINE OF ANY TREE THAT IS TO BE RELOCATED OR PROTECTED IN PLACE UNLESS THE ACTIVITY IS BEING DONE TO PROTECT THE TREES.
16. DO NOT DISCHARGE OR CONTAMINATE THE SOIL WITHIN THE DRIP LINE OF ANY OF THE TREES TO BE RELOCATED OR PROTECTED IN PLACE. THIS INCLUDES SUBSTANCES SUCH AS PAINT, OIL, SOLVENTS, PETROLEUM PRODUCTS, ASPHALT, CONCRETE, MORTAR, OR ANY OTHER MATERIAL THAT MAY CAUSE DAMAGE TO THE TREE'S ROOT SYSTEM.
17. CLEARING OF VEGETATION WITHIN THE DRIP LINE OF THE TREES DESIGNATED TO BE PROTECTED IN PLACE OR RELOCATED SHALL BE PERFORMED CAUTIOUSLY WITH HAND TOOLS TO MINIMIZE ANY DAMAGE TO THE TREE'S ROOT SYSTEM.
18. DO NOT ATTACH ANYTHING TO TREES THAT ARE TO REMAIN ON THE SITE UNLESS IT IS SOMETHING THAT WILL PROTECT AND NOT DAMAGE THE TREE.
19. KEEP A NATURAL GRADE ABOVE THE DRIP LINE ON ANY TREE THAT IS TO BE PROTECTED IN PLACE OR ANY PRESERVED TREES DISTURBED DURING CONSTRUCTION MUST BE RETURNED TO ITS ORIGINAL GRADE AFTER CONSTRUCTION.
20. ALL TREES ADJACENT TO F&L POWER LINES ARE REQUIRED TO COMPLY WITH THE F&L RIGHT TREE RIGHT PLACE GUIDELINES.

SOIL PREPARATION, SOIL, FERTILIZER, AND MUCH NOTES:

1. ENSURE THAT ALL PLANTING SOIL IS FERTILE, FRIABLE, NATURAL LOAM SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, WEEDS AND OTHER LITTER, AND FREE OF ROOTS, STUMPS AND STONES LARGER THAN ONE INCH IN ANY DIMENSION, AND OTHER EXTRANEOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. SHOULD ANY SOIL AMENDMENT BE NECESSARY, THE CONTRACTOR SHALL BRING THIS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
2. APPLY APPROVED HERBICIDE - ACCORDING TO MANUFACTURERS RATE AND SPECS WITHIN LIMITS OF ALL AREAS TO BE PLANTED. PROTECT EXISTING PLANTS TO REMAIN FROM OVER SPRAY OR SPRAY WITHIN ROOT ZONE. CONTRACTOR TO ENSURE TOTAL WEED ERADICATION. ANY PESTICIDES MUST BE APPLIED BY A LICENSED PEST CONTROL OPERATOR.
3. SCARIFY SUBSOIL TO A DEPTH OF 3 INCHES.
4. PLANTING MIX FOR TREES, SHRUBS, AND GROUND COVERS SHALL CONSIST OF A THOROUGHLY BLENDED MIXTURE OF:
 - A. 20% TOPSOIL
 - B. 10% PEAT OR COMPOST
 - C. 70% SAND
5. PLANTING MIX FOR BACKFILL AROUND ROOT BALLS OF PALMS:
 - A. 90% NATIVE SAND FROM ON SITE OR APPROVED SUBSTITUTE
 - B. 10% TOPSOIL
6. FERTILIZE ALL TREES, SHRUBS AND GROUND COVER WITH PLANTING TABLETS 20-10-5 FORMULA, 21 GRAM OR APPROVED ORGANIC EQUAL.
7. ALL SHRUB BEDS SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 24" AND BACK FILLED WITH THE SPECIFIED MIXTURE.
8. SMOOTH ALL PREPARED TOPSOIL TO 3" EXCEPT WITHIN DRIP LINES OF EXISTING TREES AND 4" BELOW TOP OF SURROUNDING PAVING EDGES. REMOVE ALL ROCKS AND OTHER OBJECTS OVER 1" IN DIAMETER.
9. FINISH GRADE ALL PREPARED TOPSOIL AREAS TO A SMOOTH, EVEN SURFACE ASSURING POSITIVE DRAINAGE AWAY FROM THE STRUCTURES AND ELIMINATE ANY LOW AREAS WHICH MAY COLLECT WATER.
10. TOPSOIL SHALL NOT BE EXTREMELY ACIDIC OR ALKALINE, NOR CONTAIN ANY TOXIC SUBSTANCE WHICH MAY BE HARMFUL TO PLANT GROWTH. THE PH SHALL BE IN THE RANGE OF 5.5-6.5.
11. CONTRACTOR SHALL MULCH ALL PLANTING MATERIAL THROUGHOUT AND COMPLETELY TO A 3 INCH DEPTH WITH CLEAN, NATURAL, NON-RED, WEED FREE FLORA MULCH.

LANDSCAPE NOTES

1. ALL PLANT MATERIAL FURNISHED BY THE LANDSCAPE CONTRACTOR UNLESS OTHERWISE SPECIFIED SHALL BE FLORIDA NO. 1 GRADE OR BETTER, AND SHALL BE INSTALLED AS SPECIFIED IN "GRADES AND STANDARDS FOR NURSERY PLANTS," PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANT MATERIAL MUST BE HEALTHY, VIGOROUS MATERIALS, FREE OF PESTS AND DISEASES.
2. ALL LANDSCAPE PLANT MATERIALS, INSTALLATION, MAINTENANCE AND PRESERVATION SHALL BE IN ACCORDANCE WITH THE CITY OF SUNRISE CODE OF ORDINANCES.
3. LANDSCAPE ORDINANCE SPECIFICATIONS ON IRRIGATION AND INSTALLATIONS SUPERSEDE ANY NOTES ON THE PLAN.
4. ALL SIZES SHOWN FOR PLANT MATERIAL 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 OR SPECS WILL ALSO BE REQUIRED FOR ACCEPTANCE. ANY SUBSTITUTIONS MUST BE APPROVED BY LANDSCAPE ARCHITECT BEFORE PLANTING.
5. THE CONTRACTOR IS RESPONSIBLE FOR ALL PLANTING MEETING SPECIFICATIONS AS NOTED BEFORE INSTALLATION. CONTRACTOR SHALL IMMEDIATELY REMOVE ALL PLANTING THAT DOES NOT MEET SPECIFICATIONS AND BE HELD RESPONSIBLE TO REPLACE IT WITH APPROPRIATE PLANTING.
6. IN THE EVENT OF A VARIATION BETWEEN THE PLANT LISTS AND THE ACTUAL QUANTITY OF PLANTS SHOWN, THE PLANS HOLD TRUE.
7. ALL ROOTBALLS SHALL CONFORM TO THE SIZE STANDARDS SET FORTH.
8. TREES ARE TO BE PLANTED AT A DEPTH SO THAT THE ROOT-FLARE AND TOP OF THE FIRST ORDER ROOT(S) ARE FULLY VISIBLE
9. CONTRACTOR TO SUBMIT TO THE LANDSCAPE ARCHITECT THE GROWERS AND/OR SITE INSPECTION CERTIFICATE FOR PLANT MATERIALS TWO (2) WEEKS PRIOR TO COMMENCEMENT OF WORK.
10. ALL PLANT MATERIALS MUST BE PROTECTED DURING TRANSPORT AND DELIVERY TO THE JOB SITE WITH SHADE CLOTH OR OTHER ACCEPTABLE MEANS OF WINDBURN PREVENTION.
11. CONTRACTORS SHALL FIELD VERIFY ALL INFORMATION PRIOR TO INITIATING PLANTING INSTALLATION. ALL EXISTING PLANTING SHALL REMAIN INTACT AND UNDISTURBED UNLESS OTHERWISE NOTED ON THE PLANS.
12. LANDSCAPE CONTRACTOR SHALL FIELD STAKE THE LOCATION OF ALL PLANT MATERIAL PRIOR TO INSTALLATION FOR THE REVIEW AND APPROVAL OF THE LANDSCAPE ARCHITECT.
13. ALL TREES MUST BE STRAIGHT TRUNKED, FULL HEADED, AND MEET ALL REQUIREMENTS SPECIFIED.
14. CONTRACTOR TO GUARANTEE PLANT MATERIAL FOR (1) FULL YEAR FOLLOWING DATE OF SUBSTANTIAL COMPLETION.
15. CONTRACTOR TO REPLACE REJECTED PLANT MATERIAL WITHIN ONE WEEK OF NOTICE.
16. CONTRACTOR TO REQUEST INSPECTION OF PROJECT IN WRITING. IF ALL WORK IS SATISFACTORY AND COMPLETE IN ACCORDANCE WITH CONDITIONS OF CONTRACT DOCUMENTS, THEN THE OWNER AND LANDSCAPE ARCHITECT SHALL DECLARE SUBSTANTIALLY COMPLETE. SUBSTANTIAL COMPLETION CONSTITUTES THE BEGINNING OF THE GUARANTEE PERIOD.
17. INSTALLATION- ALL PLANT MATERIAL SHALL BE INSTALLED IN A SOUND WORKMANLIKE MANNER AND ACCORDING TO GOOD PLANTING PROCEDURES WITH THE QUALITY OF PLANT MATERIALS AS HEREINAFTER DESCRIBED. ALL ELEMENTS OF LANDSCAPING SHALL BE INSTALLED SO AS TO MEET ALL APPLICABLE ORDINANCES AND CODE REQUIREMENTS.
18. CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTAINING ALL TREES AND LANDSCAPE UNTIL FINAL ACCEPTANCE BY OWNER. CONTRACTOR SHALL INSURE THAT ALL DRAINAGE AND PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION OF PLANT MATERIAL. CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF PLANTS DUE TO INADEQUATE WATERING OR POOR DRAINAGE CONDITIONS.
19. TYPICALLY, SHRUB AND GROUND COVER PLANTINGS ARE SHOWN AS MASS PLANTING BEDS. PLANTS SHOULD BE PLACED ON A TRIANGULAR SPACING SHOWN IN THE PLANTING DETAILS. PLANT CENTER TO CENTER DIMENSIONS (O.C.) ARE LISTED ON THE PLANT LIST.
20. TREES GROWN IN GROW BAGS OR GROW BAG TYPE MATERIAL MUST HAVE THE GROW BAG REMOVED ENTIRELY BEFORE PLANTING.
21. BALLED AND BURLAPPED MATERIAL SHALL HAVE THE TOP ONE HALF (1/2) OF THE BURLAP AROUND THE BASE OF THE TRUNK CUT AND PULLED BACK. DO NOT REMOVE THE BURLAP BUT WIRE CAGES, STRAPS, ETC. MUST BE CUT AND REMOVED COMPLETELY BEFORE INSTALLATION.
22. CONTRACTOR SHALL REFER TO THE LANDSCAPE PLANTING DETAILS, PLANT LIST, GENERAL NOTES, AND ANY OTHER MATERIALS FROM THE LANDSCAPE ARCHITECT FOR COMPLETE LANDSCAPE PLANTING INSTRUCTIONS.
23. "BRANCH TOUCHING BRANCH" PROVIDED AT TIME OF INSTALLATION. ALL HEDGES TO BE MIN. 24" AT PLANTING AND 36" HIGH WITHIN ONE YEAR.
24. ALL STAKING AND GUYING MATERIAL MUST BE REMOVED WITHIN ONE YEAR FOR FINAL AND NO CHANGES WITHOUT THE CLIENTS APPROVAL. IT IS THE RESPONSIBILITY OF THE OWNER TO REMOVE.
25. THE FOLLOWING GUIDELINES SHALL BE FOLLOWED TO ENSURE SUCCESSFUL TRANSPLANTING OF TREES:
 - a. ANY TREE BEING RELOCATED SHALL NOT BE UNNECESSARILY DAMAGED DURING REMOVAL, TRANSPORT, OR REPLANTING OF THAT TREE.
 - b. DURING AND FOLLOWING TRANSPLANTING THE ROOT BALL MUST BE KEPT MOIST AT ALL TIMES.
 - c. TRANSPLANTED TREES SHALL BE BRACED AT LEAST ONE FULL YEAR.
 - d. TRANSPLANTED TREES SHALL NOT BE FERTILIZED AT PLANTING TIME BUT SHALL BE WATERED SUFFICIENTLY UNTIL THE TREE GROWTH IS REESTABLISHED.
 - e. RELOCATED TREES/PALMS WILL BE MOVED IN ACCORDANCE WITH MINIMUM STANDARDS SET FORTH IN ANSI A-300
 - f. ALL CROWN PRUNING SHALL BE DONE IN ACCORDANCE WITH NATIONAL ARBORIST ASSOCIATION STANDARDS OR PALM PRUNING IN ACCORDANCE WITH CITY STANDARDS.
 - g. TREES MAY ONLY BE RELOCATED ONE TIME FROM EXISTING AREA TO FINAL SITE. NO NURSERY OR HOLDING AREAS.
26. LANDSCAPE CONTRACTOR SHALL REGRADE ALL AREAS DISTURBED BY PLANT REMOVAL, RELOCATION, AND/OR INSTALLATION WORK. LANDSCAPE CONTRACTOR SHALL REPLACE (BY EQUAL SIZE AND QUALITY) ANY AND ALL EXISTING PLANT MATERIAL DISTURBED OR DAMAGED BY PLANT REMOVAL, RELOCATION OR INSTALLATION.
27. CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE ALL PORTIONS OF EXISTING LAWN AREAS DAMAGED WHILE COMPLETING PLANTING INSTALLATION WITH SAME GRASS SPECIES TO THE SATISFACTION OF THE PROJECT MANAGER.
28. GENERAL GRADING TO APPROX. 1 INCH SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. ALL FINISHED SITE GRADING AND FINAL DECORATIVE BERM SHAPING SHALL BE PROVIDED BY THE LANDSCAPE CONTRACTOR.
29. ALL LANDSCAPE MATERIALS SHALL BE MAINTAINED TO PROVIDE CONTINUOUS CLEAR ZONES FOR SIGHT VISIBILITY FOR PEDESTRIANS AND VEHICULAR TRAFFIC AND LANDSCAPE MAINTENANCE SHALL CONFORM TO STANDARD INDEX 546 CRITERIA SET FORTH IN F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS.

IRRIGATION NOTES

1. XERISCAPE PRINCIPLES HAVE BEEN APPLIED TO THIS LANDSCAPE PLAN AS SPECIFIED IN SFWMD'S XERISCAPE PLANT GUIDE II AND SHALL BE APPLIED ALL THROUGHOUT LANDSCAPE INSTALLATION AND MAINTENANCE.
2. EXCLUDING PLANTS ON DRIP IRRIGATION, A FULLY AUTOMATIC IRRIGATION SYSTEM SHALL BE PROVIDED TO SUPPLY 100% COVERAGE, AS PER CODE. 50% MINIMUM OVERLAP USING RUST-FREE WATER. AN APPROVED RAIN/ MOISTURE SENSOR DEVICE SHALL BE SUPPLIED.
3. REMOVE EXISTING IRRIGATION EQUIPMENT WHICH INTERFERES WITH ANY CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, CONTROLLERS, SPRINKLER HEADS, PIPE, QUICK COUPLERS, BACKFLOW PREVENTERS, CONTROL WIRE AND CONDUITS. ADDITIONALLY THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE EXISTING SYSTEM THROUGHOUT THE CONSTRUCTION PROCESS.

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| DATE: | | | | | |
| SCALE: | | | | | |
| DESIGNED BY: | DJS | | | | |
| DRAWN BY: | DJS | | | | |
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WE TAKE GREAT PRIDE IN BEING PART OF THE COMMUNITY AND PROVIDING THE BEST SERVICE TO OUR CLIENTS. WE ARE COMMITTED TO EXCELLENCE AND INTEGRITY.

**12TH STREET PARK
 RENOVATIONS**

LOCATED AT NW 12TH STREET AND NW 58TH TERRACE SUNRISE, FL
 PREPARED FOR: CITY OF SUNRISE, FLORIDA

LANDSCAPE NOTES

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| SEAL | DATE: 07/06/16 |
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| PROJECT #: 15-0108 | |