

LA6667118

PROJECT 170001-004 NUMBER 2019.013/L-490

WOLF CONSULTANTS

NDSCAPE ARCHITECTURE • URBAN DESIGN

4539 OAK ORCHARD CIRCLE

PACE, FL 32571 (850) 698-0056 (OFFICE)

LANDSCAPE GENERAL NOTES 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES, ELECTRICAL WIRING, WATER, SEWER, TELEPHONE, CABLE TV, ETC., PRIOR TO PLANT MATERIAL OR IRRIGATION INSTALLATION. DAMAGED UTILITY LINES SHALL BE REPAIRED BY THE

2. THE CONTRACTOR SHALL PROVIDE AN IRRIGATION/WATERING SYSTEM TO PROVIDE WATER TO PLANTS AT AN ADEQUATE RATE FOR A

3. THE CONTRACTOR SHALL INSTALL ONLY PLANTS GRADED FLORIDA NO. 1 OR BETTER AS SET FORTH IN THE FLORIDA DEPARTMENT OF AGRICULTURE "GRADES AND STANDARDS FOR NURSERY PLANTS" LATEST EDITION, (INCLUDING REVISIONS) AND THAT MEET OR EXCEED THE SIZES INDICATED IN THE PLANTING SCHEDULE. BALLED AND BURLAPPED PLANTS SHALL BE DUG WITH FIRM NATURAL BALLS OF EARTH. CONTAINER GROWN STOCK SHALL HAVE BEEN GROWN IN A CONTAINER LONG ENOUGH FOR THE ROOT SYSTEM TO HAVE DEVELOPED SUFFICIENTLY TO HOLD ALL THE SOIL TOGETHER FIRMLY, BUT NOT LONG ENOUGH TO HAVE BECOME POT BOUND.

4. THE CONTRACTOR SHALL INSTALL SHRUBS IN CIRCULAR PITS WITH A DIAMETER 16" GREATER THAN ROOTBALL. PLANT TREES IN CIRCULAR PITS WITH A DIAMETER 36" GREATER THAN ROOTBALL OR CONTAINER. PLACE PLANTS WITH MOST ATTRACTIVE SIDE DIRECTED AWAY FROM BUILDING OR ANY OTHER VERTICAL ELEMENT. 5. THE CONTRACTOR SHALL FERTILIZE ALL PLANT MATERIAL WITH SLOW RELEASE FERTILIZER AT THE RATE RECOMMENDED BY THE

MANUFACTURER. TREES SHALL BE FERTILIZED WITH 20-5-10 (OR APPROVED EQUAL), AND SHRUBS AND GROUND COVER SHALL BE FERTILIZED WITH 14-7-14 (OR APPROVED EQUAL). 6. THE CONTRACTOR SHALL APPLY A MYCORRHIZAL INOCULANT AND 100% ORGANIC

STARTER FERTILIZER TO EACH NEW TREE PLANTED AND SHRUB/GROUNDCOVER BEDS IN ACCORDANCE WITH THE MANUFACTURER'S

TO ALL PLANTING BEDS. 8. THE CONTRACTOR SHALL APPLY MULCH TO PLANTED AREAS AT A MINIMUM 3" COMPACTED THICKNESS WITH AN APPROVED ORGANIC SHALL BE AS SHOWN ON PLAN, OR FOR INDIVIDUAL PLANTS, THE AREA OF THE PLANTING PIT, SEE PLANTING DETAILS. 9. THE CONTRACTOR SHALL LAY SOD AND/OR INSTALL GRASS PLUGS SOLIDLY IN INDICATED AREAS WITH CLOSELY ABUTTING JOINTS, ROLL

7. THE CONTRACTOR SHALL APPLY PRE-EMERGENT AND POST-EMERGENT HERBICIDES ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS

AND FERTILIZE WITH A 18-24-6 SLOW-RELEASE TURF FORMULA FERTILIZER AT THE MANUFACTURER'S RECOMMENDED RATE. PIN ALL SODDED SLOPES GREATER THAN 4:1 WITH STEEL U-PINS/SOD STAPLES. 10. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES IN THE PLANTING SCHEDULE AND INSTALL ALL PLANTS AND MATERIALS AS INDICATED ON THE PLANS. PROVIDE UNIT PRICES FOR EACH PLANT, WHICH INCLUDE ALL OTHER INCIDENTAL MATERIALS.

11. THE CONTRACTOR SHALL NOTIFY THE OWNER AND LANDSCAPE ARCHITECT OF ANY UNFORESEEN CONDITIONS I.E., COMPACTED SOIL / SUBGRADE, PORT DESCRIPTION OF THE PROPERTY OF THE PROPER PROCEEDING WITH LANDSCAPE INSTALLATION.

12. THE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR ONE YEAR.

CONTRACTOR AT NO COST TO THE OWNER.

13. ALL PLANTS, MATERIALS AND WORKMANSHIP ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER.

14. THE CONTRACTOR SHALL NOT MAKE SUBSTITUTIONS OR REVISIONS WITHOUT OWNER/LANDSCAPE ARCHITECT APPROVAL. 15. THE CONTRACTOR SHALL MAINTAIN ALL PLANTINGS INCLUDING WATERING, MOWING, MULCHING, WEED, PEST CONTROL, ETC. UNTIL FINAL APPROVAL BY THE OWNER/LANDSCAPE ARCHITECT. 16. THE CONTRACTOR SHALL KEEP ALL AREAS OF WORK CLEAN, NEAT AND ORDERLY. ALL PAVED SURFACES ARE TO BE CLEANED OF SOIL

AND DEBRIS AT THE CLOSE OF THE WORK DAY. 17. EACH TREE AND SHRUB SHALL BE PRUNED AS NEEDED TO REMOVE ALL DEAD WOOD, SUCKERS, OR BROKEN/DAMAGED BRANCHES. ILL PRUNING SHALL BE IN ACCORDANCE WITH ACCEPTED INDUSTRY PRACTICE AND SHALL PRESERVE THE NATURAL HABIT AND CHARACTER

18. PLANTS WITH BROKEN ROOT BALLS OR SUBSTANTIAL DAMAGE TO ANY PART SHALL BE REPLACED PRIOR TO PLANTING.

19. PLANTS SHALL BE HANDLED BY THE ROOT BALL, NEVER BY THE STEM OR FOLIAGE. BALLED PLANTS SHALL NOT BE DROPPED. 20. ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN FLOURISHING CONDITION OF ACTIVE GROWTH DURING INSTALLATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MONITOR THE PROJECT DURING THE INSTALLATION PERIOD AND INFORM THE OWNER IF PROBLEMS DEVELOP WITH THE PLANT MATERIAL. ANY MATERIAL SHALL BE CONSIDERED DEAD WHEN THE MAIN LEADER HAS DIED. THE CONTRACTOR SHALL REMOVE DEAD AND UNHEALTHY PLANTS IMMEDIATELY AND REPLACE AT THE CONTRACTORS EXPENSE. 21. CONTRACTOR SHALL PROVIDE IRRIGATION SYSTEM THAT WILL PROVIDE 100% COVERAGE OF ALL LANDSCAPED AREAS. COORDINATE WITH OWNER AREAS TO BE IRRIGATED. COORDINATE WITH GENERAL CONTRACTOR FOR PIPING/SLEEVES REQUIRED UNDER PAVED SURFACES. 22. SIGHT TRIANGLE AREAS AT INTERSECTIONS/DRIVEWAYS SHALL BE MAINTAINED TO ALLOW VISIBILITY BETWEEN THREE FEET AND NINE

23. CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT EXISTING TREES TO REMAIN AS PER ESCAMBIA COUNTY TREE PROTECTION DETAILS/METHODS

24. PLANT MATERIAL SHALL MEET OR EXCEED REQUIREMENTS AS STATED IN THE ESCAMBIA A COUNTY LDC. LINE OF SITE FOR VEHICLES AND PEDESTRIANS WITHIN CONSTRUCTION LIMITS SHALL BE MAINTANTED AS PER ESCAMBIA

1. PLANT CONTAINERS SHALL BE REMOVED PRIOR TO PLANTING. IF PLANTS ARE NOT CONTAINER GROWN, REMOVE A MINIMUM OF THE TOP 1/3 OF BURLAP, FABRIC OR WIRE MESH.

2. ROOTBALLS SHALL BE SET 1"-2" ABOVE FINISHED GRADE AND SET PLUMB TO THE HORIZON.

3. BACKFILL SHALL BE LOOSENED EXISTING SOIL. REMOVE ROCKS, STICKS OR OTHER DELETERIOUS MATERIAL GREATER THAN 1" IN ANY DIRECTION PRIOR TO BACKFILLING. WATER AND TAMP TO REMOVE AIR POCKETS. IF EXISTING SOILS CONTAIN EXCESSIVE SAND, CLAY OR OTHER EXTRANEOUS MATERIAL NOT CONDUCIVE TO PROPER PLANT GROWTH CONTACT LANDSCAPE ARCHITECT PRIOR TO PLANTING.

4. SOIL RINGS SHALL BE CONSTRUCTED OF EXISTING SOIL AT THE OUTER EDGE OF THE TREE PLANTING PIT WITH A

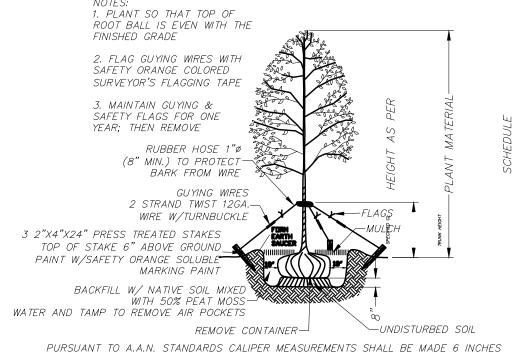
5. MULCH SHALL BE A 3" DEEP LAYER PLACED TO THE EDGE OF THE TRUNK FLARE.

6. STRAPPING SHALL BE MINIMUM 1" WIDE NYLON OR POLYPROPYLENE. GUYING MATERIAL IN CONTACT WITH TREE SHALL BE SOFT, PLIABLE, FLEXIBLE RUBBER.

7. SABAL PALMS (IF ANY) MAY BE HURRICANE CUT. ALL OTHERS MUST HAVE FRONDS TIED WITH BIODEGRADABLE STRAP. TRUNKS SHALL HAVE NÓ SCARS OR SANDING.

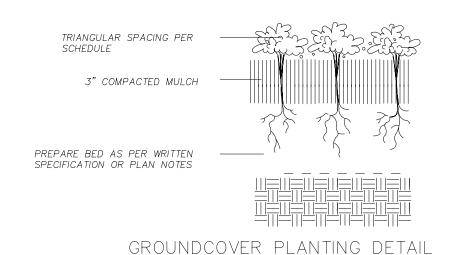
8. ALL DIMENSIONS PROVIDED FOR WOODEN (WOOD STAKES INCLUSIVE) MATERIALS ARE NOMINAL.

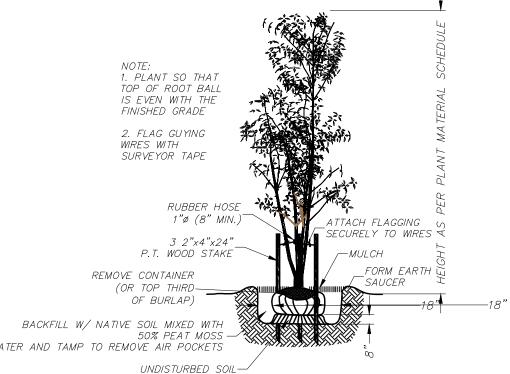
9. ALL AREAS OF THE SITE THAT DO NOT CONTAIN GRASS OR LANDSCAPING PRIOR TO, OR AFTER CONSTRUCTION SHALL BE DISCED, SEEDED AND MULCHED OR SODDED. THE CONTRACTOR SHALL ENSURE THAT THE ENTIRE SITE IS STABILIZED AND THAT ANY ERODED AREAS, ANYWHERE ON SITE, ARE REMEDIED.

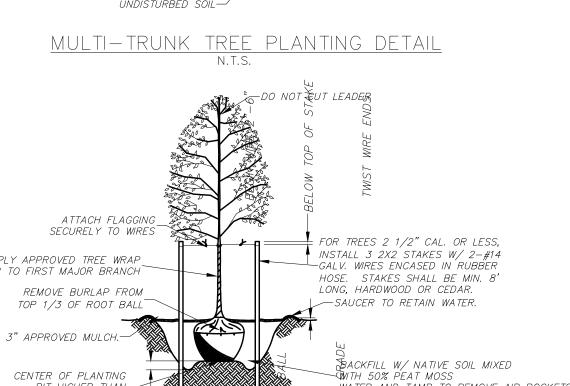


ABOVE GROUND LEVEL (ROOTBALL) UP TO AND INCLUDING 4 INCH CALIPER; 12 INCHES ABOVE GROUND LEVEL FOR LARGER SIZES. ("DUCKBILL" GUYING SYSTEM IS AN ACCEPTABLE ALTERNATIVE TO ABOVE)

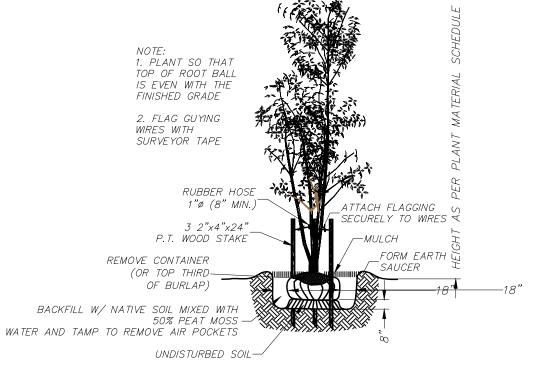
> TREE PLANTING / GUYING DETAIL (FOR TREES 2" CALIPER OR GREATER)







MEDIUM CANOPY OR FLOWERING IREE (FOR TREES 9' IN HEIGHT OR LESS)



N.T.S.	
TWIST WIRE ENDERSON OF	
ATTACH FLAGGING SECURELY TO WIRES  FOR TREES 2.1	1/2" CAL. OR LESS,
APPLY APPROVED TREE WRAP  UP TO FIRST MAJOR BRANCH  IIP TO FIRST MAJOR BRANCH	72 CAL. ON ELSS, STAKES W/ 2—#14 NCASED IN RUBBER S SHALL BE MIN. 8'
REMOVE BURLAP FROM TOP 1/3 OF ROOT BALL  LONG, HARDWOO SAUCER TO	OD OR CEDAR. RETAIN WATER.
3" APPROVED MULCH.	V/ NATIVE SOIL MIXED
CENTER OF PLANTING AND SOME THE SOME FOR THE	
UNDISTURBED SOIL STAKES W "SO MIN. 6"	SHALL PENETRATE INTO UNDISTURBED SOIL
MEDIUM CANOPY OR FLOWERING I	TRFF

### APPRIVATIONS AR. — AR SIDNAL DAR — ENLITE AND TURB APET). DAL — CALIFFE, CARS. — COVERATE OTONS STOCKED DOOR. HT— HEIGHT, LA—LA USCOPP ARCHTOCT, DC.— ON-ODITE, SPECI—SPECIAL SPECIAL SPEC	TAL BENCH NOTES: ENCH TO BE FASTED TO 6'X12' CONCRETE SLAB, 4" DEPTH. (SEE DEWALK DETAIL, CIVIL DRAWINGS). ENCH TO BE FASTENED TO CONCRETE AS PER MANUFACTURER'S ECIFICATIONS PROVED EQUALS WILL BE CONSIDERED. SUBMIT SPECIFICATION'S FOR UALS TO OWNER FOR APPROVAL.					
DISK - DOUBLE-STAGGRED ROW, HI - PHO-T, LA - LANDSCAPE ARCHITCH, O.C ON-CENTER, SPRED - SPREAD STAGE STAGE ROW, MARKE COMMON NAME  PARCHES COMMON NAME  TREES  10 PINUS PALUSTES  10 DIECCUS WAGNIANA SEZURO LIVE DAY  10 DIECCUS WAGNIANA SEZURO LIVE DAY  10 DIECCUS WAGNIANA SEZURO LIVE DAY  10 TAXODUM DISTICHUM  SALD CYPRESS  110 MYBCA PUSILLA  110 DIWART WAX MYRTUZ SRING, FULL CONTAINER GO SPREAD, FULL C						
DISK, DOUBLE-STAGGRED ROW, HI - HEIGHT, LA - LANDSCAPE ACCHIECT, O.C CV-CENTER, SPRED - SPREAD SPREAD STAGE AS SIZE COMMON NAME  TREES  15 PAINS PALUSTRIS  16 VITEX AGAIDS-CASTUS  17 PAINS PALUSTRIS  18 VITEX AGAIDS-CASTUS  19 CALIFORNIA A SCEDING: STEEL S'-HT, 42' SPR, WELL SHAPED, 15 CALIFORNIA SCEDING: STEEL STAGED, 15 CALIFORNIA SCEDING: STAGED, 15 CALIFORNIA SCEDING: STAGED, 15 CALIFORNIA SCEDING: STAGED, 15 CALIFORNIA SCALIFORNIA SCALIFOR						
DISK - DOUBLE-STAGGRED ROW, HI - PHO-T, LA - LANDSCAPE ARCHITCH, O.C ON-CENTER, SPRED - SPREAD STAGE STAGE ROW, MARKE COMMON NAME  PARCHES COMMON NAME  TREES  10 PINUS PALUSTES  10 DIECCUS WAGNIANA SEZURO LIVE DAY  10 DIECCUS WAGNIANA SEZURO LIVE DAY  10 DIECCUS WAGNIANA SEZURO LIVE DAY  10 TAXODUM DISTICHUM  SALD CYPRESS  110 MYBCA PUSILLA  110 DIWART WAX MYRTUZ SRING, FULL CONTAINER GO SPREAD, FULL C						
TO DURROUS VARIONAMA SEEDLING LIVE OAK 2.5" CAL, WELL SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 12" 14" FT 25" DOR. WELL SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CYPRESS 15" TO SHAPED LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM BALD CONTANER GROWN LIMB TO 6" /  TAXORIUM DISTICHUM CONTANER GROWN LIMB TO 6" /  TAXORIUM						
DURRENS & GROUNDCOVERS  10 TAXODIUM DISTICHUM  BALD CYPRESS  12"-14" HT 2.5" DBH. WELL SHAPED, (SINGLE STEM)  10 TAXODIUM DISTICHUM  BALD CYPRESS  12"-14" HT 2.5" DBH. WELL SHAPED, (SINGLE STEM)  11 MYRICA PUSILIA  DWARF WAX MYRTLE  18" HT. 12" SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL.  12" HT 12" SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL.  14 UNIQLA PAINCULATA  SEA GATS  15 SERENGA REPENS "SILVER SAW" SILVER SAW PALMETTO  16" HT, 16" SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL.  16 UNIQLA PAINCULATA  SEA GATS  17 SERENGA REPENS "SILVER SAW" SILVER SAW PALMETTO  18" HT, 16" SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL.  19 SERENGA REPENS "SILVER SAW" SILVER SAW PALMETTO  19 TRIPSACUM FLORIDANUM  DWARF FAKAHATCHEE GRASS  10" HT, 12" SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL.  10 JUNIERUS HORIZONTALIS  MUHLENBERGIA CAPILLARIS  MUHLENBERGIA CAPILLARIS  MUHLY GRASS  11" HT, 12" SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL. 48" O.C. WELL SHAPED  120 TRIPSACUM FLORIDANUM  DWARF FAKAHATCHEE GRASS  12" HT, 12" SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL. 48" O.C. WELL SHAPED  120 TRIPSACUM FLORIDANUM  DWARF FAKAHATCHEE GRASS  12" HT, 12" SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL. 48" O.C. WELL SHAPED  12 HELIANTHUS DEBILS  BEACH DUNE SUNFLOWER  12" HT, 12" SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL. 36" O.C.  13 SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL. 36" O.C.  14 SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL. 36" O.C.  15 SPREAD, FULL. CONTAINER GROWN SHRUB, 3 GAL. 36" O.C.  16 SHRUB, 1 GAL. 36" O.C.  17 SY. ARCENTINE BAHERI  SAND CORDORASS  18 BALES HNE STAW MULCH	GLE					
SHRUBS & GROUNDCOVERS  10 TAXODIUM DISTICHUM  BALD CYPRESS  12'-14' HT 2.5" DBH. WELL SHAPED, (SNGLE STEM)  10 TAXODIUM DISTICHUM  BALD CYPRESS  115 MYRICA PUSILLA  6 PITTOSPORUM TOBIRA "VARIEGATA"  7 ZAMIA PUMILA  18" HT, 12" SPREAD, FULL CONTAINER GRO SHRUB, 3 GAL.  18" HT, 12" SPREAD, FULL CONTAINER GRO SHRUB, 3 GAL.  18" HT, 12" SPREAD, FULL CONTAINER GRO SHRUB, 3 GAL.  18" HT, 12" SPREAD, FULL CONTAINER GRO SHRUB, 3 GAL.  18" HT, 12" SPREAD, FULL CONTAINER GRO SHRUB, 3 GAL.  18" HT, 12" SPREAD, FULL CONTAINER GRO SHRUB, 3 GAL.  18" HT, 12" SPREAD, FULL CONTAINER GRO SHRUB, 3 GAL.  18" HT, 12" SPREAD, FULL CONTAINER GRO SHRUB, 3 GAL.  18" HT, 12" SPREAD, FULL CONTAINER GRO SHRUB, 3 GAL.  18" HT, 12" SPREAD, FULL CONTAINER GRO SHRUB, 3 GAL.  18" HT, 12" SPREAD, FULL CONTAINER GRO GROUNDCOVER, 1 GAL 3" O.C. WELL SHAPED  10" TRESACUM FLORIDANUM  10" TRESACUM	SAL.					
SHRUBS & GROUNDCOVERS  15 MYRICA PUSILLA  6 PITTOSPORUM TOBIRA 'VARIEGATA'  7 ZAMIA PUMILA  COONTIE PALM  18" HT, 12" SPREAD, FULL. CONTAINER GROSS (18" HT, 12" SPREAD, FULL. CONTAINER GROWN, SHRUB, 3 GAL.  41 UNIQLA PANICULATA  SEA OATS  42 SERENOA REPENS 'SILVER SAW'  SILVER SAW PALMETTO  18" HT, 18" SPREAD, FULL. CONTAINER GROWN, SHRUB, 3 GAL.  6 JUNIFERUS HORIZONTALIS  BLUE RUG JUNIFER  GROUNDCOVER, 1 GAL 3" O.C. WELL SHAPED  46 MUHLENBERGIA CAPILLARIS  MUHLY GRASS  12" HT, 12" SPREAD, FULL. CONTAINER GROGGASS, 1 GAL. 45" O.C. WELL SHAPED  46 MUHLENBERGIA CAPILLARIS  MUHLY GRASS  12" HT, 12" SPREAD, FULL. CONTAINER GROGGASS, 1 GAL. 45" O.C. WELL SHAPED  127 HELIANTHUS DEBILIS  BEACH DUNE SUNFLOWER  12" HT, 12" SPREAD, FULL. CONTAINER GROGGASS, 1 GAL. 36" O.C.  1,077 S,Y,  ARGENTINE BAHIA SOD  525 BALES  PINE STAW MULCH	ABOVE GRADE					
15 MYRICA PUSILLA  DWARF WAX MYRTLE  18" HT, 12" SPREAD, FULL. CONTAINER GRO SHRUB, 3 GAL.  PITTOSPORUM TOBIRA 'VARIEGATA'  DWARF VARIGATED PITTOSPORUM  18" HT, 12" SPREAD, FULL. CONTAINER GRO SHRUB, 3 GAL.  7 ZAMIA PUMILA  COONTIE PALM  18" HT, 18" SPREAD, FULL. CONTAINER GRO SHRUB, 3 GAL.  41 UNIOLA PANICULATA  SEA OATS  24" HT, 12" SPREAD, FULL. 1 GAL. CONT. V SHAPED.  42 SERENOA REPENS 'SILVER SAW'  SILVER SAW PALMETTO  18" HT, 18" SPREAD, FULL. 1 GAL. CONT. V SHAPED.  6 JUNIPERUS HORIZONTALIS  BLUE RUG JUNIPER  GROUNDCOVER, 1 GAL 3' O.C. WELL SHAPED  209 TRIPSACUM FLORIDANUM  DWARF FAKAHATCHEE GRASS  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 48" O.C. WELL SHAPED  46 MUHLENBERGIA CAPILLARIS  MUHLY GRASS  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  127 HELIANTHUS DEBILIS  BEACH DUNE SUNFLOWER  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  1,077 ARGENTINE BAHIA SOD  525 BALES  PINE STAW MULCH						
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7 ZAMIA PUMILA COONTIE PALM 18" HT, 18" SPREAD, FULL. CONTAINER GRO SHRUB, 3 GAL.  41 UNIOLA PANICULATA SEA OATS 24" HT, 12" SPREAD, FULL. 1 GAL. CONT. V SHAPED.  42 SERENOA REPENS 'SILVER SAW' SILVER SAW PALMETTO 18" HT, 18" SPREAD, FULL. CONTAINER GROWN. SHRUB, 3 GAL.  6 JUNIPERUS HORIZONTALIS BLUE RUG JUNIPER GROUNDCOVER, 1 GAL 3' O.C. WELL SHAPED 12" HT, 12" SPREAD, FULL. CONTAINER GROWN. SHRUB, 3 GAL.  6 JUNIPERUS HORIZONTALIS BLUE RUG JUNIPER GROUNDCOVER, 1 GAL 3' O.C. WELL SHAPED 12" HT, 12" SPREAD, FULL. CONTAINER GROWN. SHRUB, 3 GAL.  6 MUHLENBERGIA CAPILLARIS MUHLY GRASS 12" HT, 12" SPREAD, FULL. CONTAINER GROWN. SHRUB, 1 GAL. 48" O.C. WELL SHAPED 12" HT, 12" SPREAD, FULL. CONTAINER GROWN. SHRUB, 1 GAL. 36" O.C.  127 HELIANTHUS DEBILIS BEACH DUNE SUNFLOWER 12" HT, 12" SPREAD, FULL. CONTAINER GROWN. SHRUB, 1 GAL. 36" O.C.  137 ARGENTINE BAHIA SOD 12" HT, 12" SPREAD, FULL. CONTAINER GROWN. SHRUB, 1 GAL. 36" O.C.  1.077 S.Y. ARGENTINE BAHIA SOD 12" HT, 12" SPREAD, FULL. CONTAINER GROWN. SHRUB, 1 GAL. 36" O.C.						
TAMINA PUNILA  COUNTIE PALM  SHRUB, 3 GAL.  24" HT, 12" SPREAD, FULL. 1 GAL. CONT. V SHAPED.  42 SERENDA REPENS 'SILVER SAW' SILVER SAW PALMETTO  BLUE RUG JUNIPER  GROUNDCOVER, 1 GAL 3' O.C WELL SHAPED  12" HT, 12" SPREAD, FULL. CONTAINER GROWN. SHRUB, 3 GAL.  HELIANTHUS DEBILIS  BEACH DUNE SUNFLOWER  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 48" O.C. WELL SHAPED  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 48" O.C. WELL SHAPED  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 48" O.C. WELL SHAPED  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  1,077 S.Y. ARGENTINE BAHIA SOD  525 BALES PINE STAW MULCH						
SEA OATS  SHAPED.  42 SERENOA REPENS 'SILVER SAW' SILVER SAW PALMETTO  BLUE RUG JUNIPER  GROUNDCOVER, 1 GAL 3' O.C WELL SHAPED  TRIPSACUM FLORIDANUM  DWARF FAKAHATCHEE GRASS  T2" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 48" O.C. WELL SHAPED  MUHLENBERGIA CAPILLARIS  MUHLY GRASS  DEACH DUNE SUNFLOWER  12" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 48" O.C. WELL SHAPED  12" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  SHAPED.  12" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  12" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  12" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  12" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  11" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  11" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  11" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  11" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  11" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  11" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  11" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.  11" HT, 12" SPREAD, FULL. CONTAINER GROOGRASS, 1 GAL. 36" O.C.						
SHRUB, 3 GAL.  6 JUNIPERUS HORIZONTALIS 'WILTONII'  209 TRIPSACUM FLORIDANUM DWARF FAKAHATCHEE GRASS 12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 48" O.C. WELL SHAPED  46 MUHLENBERGIA CAPILLARIS MUHLY GRASS 12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  127 HELIANTHUS DEBILIS BEACH DUNE SUNFLOWER 12" HT, 12" SPREAD, FULL. CONTAINER GRO SHRUB, 1 GAL. 36" O.C.  232 SPARTINA BAKERII SAND CORDGRASS 12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  1,077 S.Y. ARGENTINE BAHIA SOD  525 BALES PINE STAW MULCH						
TRIPSACUM FLORIDANUM  DWARF FAKAHATCHEE GRASS  12" HT, 12" SPREAD, FULL. CONTAINER GROGRASS, 1 GAL. 48" O.C. WELL SHAPED  46 MUHLENBERGIA CAPILLARIS  MUHLY GRASS  12" HT, 12" SPREAD, FULL. CONTAINER GROGRASS, 1 GAL. 36" O.C.  HELIANTHUS DEBILIS  BEACH DUNE SUNFLOWER  12" HT, 12" SPREAD, FULL. CONTAINER GROGRASS, 1 GAL. 36" O.C.  12" HT, 12" SPREAD, FULL. CONTAINER GROGRASS, 1 GAL. 36" O.C.  12" HT, 12" SPREAD, FULL. CONTAINER GROGRASS, 1 GAL. 36" O.C.  1,077 S.Y.  ARGENTINE BAHIA SOD  525 BALES  PINE STAW MULCH	l.					
46 MUHLENBERGIA CAPILLARIS MUHLY GRASS GRASS, 1 GAL. 48" O.C. WELL SHAPED  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  127 HELIANTHUS DEBILIS BEACH DUNE SUNFLOWER 12" HT, 12" SPREAD, FULL. CONTAINER GRO SHRUB, 1 GAL. 36" O.C.  232 SPARTINA BAKERII SAND CORDGRASS 12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  1,077 S.Y. ARGENTINE BAHIA SOD  525 BALES PINE STAW MULCH						
HELIANTHUS DEBILIS  BEACH DUNE SUNFLOWER  12" HT, 12" SPREAD, FULL. CONTAINER GRO SHRUB, 1 GAL. 36" O.C.  SAND CORDGRASS  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  1,077 S.Y.  ARGENTINE BAHIA SOD  525 BALES  PINE STAW MULCH						
SHRUB, 1 GAL. 36" O.C.  232 SPARTINA BAKERII SAND CORDGRASS 12" HT, 12" SPREAD, FULL. CONTAINER GRO GRASS, 1 GAL. 36" O.C.  1,077 S.Y. ARGENTINE BAHIA SOD  525 BALES PINE STAW MULCH						
SAND CORDGRASS GRASS, 1 GAL. 36" O.C.  1,077 S.Y. ARGENTINE BAHIA SOD  525 BALES PINE STAW MULCH						
S.Y. ARGENTINE BAHTA SOD  525 BALES PINE STAW MULCH	JWN.					
200 C.Y. CLEAN WHITE BEACH SAND, 6" DEPTH WHERE LOW DUNES NOT SHOWN						
15,750 S.F. INSTALL 6 OZ. NON-WOVEN FABRIC UNDER ALL INSTALLED PLANTING, STAPLE SEAMS USING 6" GALVANIZED PINS 12" O.C.						
1 LS LIMB AND SHAPE EXISTING NATIVE VEGETATION WHERE SHOWN. CLEAR UNDERSTORY OF WEEDS AND DEBRIS AND INSTALL 3" OF PINE STRAW MULCH. ESCAMBIA COUNTY ARBORIST TO BE PRESENT ON SITE WHILE WORK IS BEING PREFORMED.  BID ALTERNATE #1						

(41" DBH REQUIRED FOR MITIGATION 42.4" DBH PROVIDED)

6' LENGTH OUTDOOR METAL BENCH DETAIL

6FT. CIRCLE COMMODITY CODE 650-06-36200-1

PHONE: 936-437-6048

TOLL FREE 800-833-4302

MANUFACTURER: TEXAS CORRECTIONAL INDUSTRIES

THROUGHOUT BED 2 1/2" MULCH AS SPECIFIED COMPACTED SUBGRADE

THROUGHOUT BED

<u>/2" MULCH A</u>S

TYPICAL EDGE CONDITIONS

THROUGHOUT BED

<u>2 1/2" MULCH AS</u> SPECIFIED

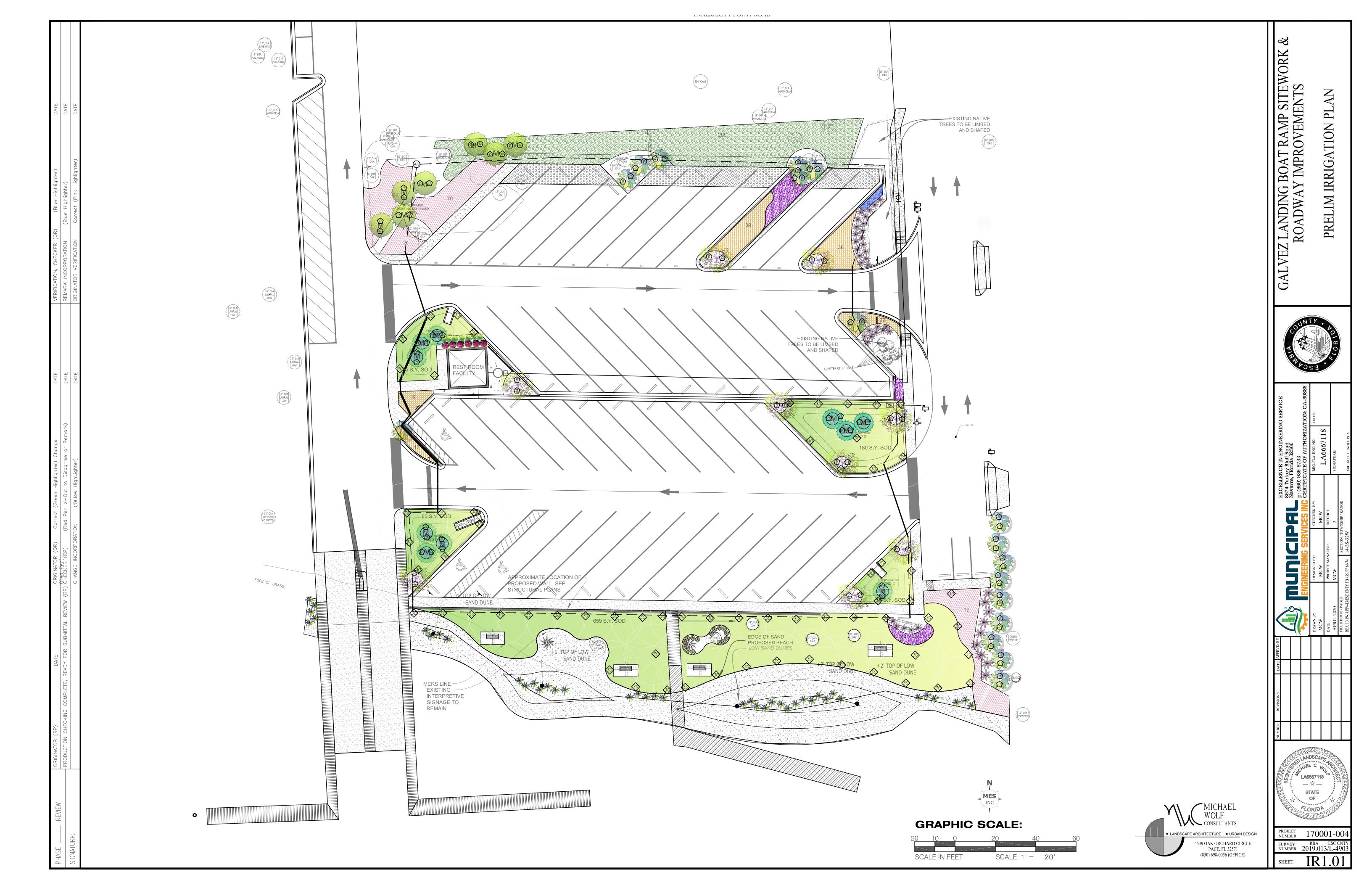
4" TOPSOIL AS SPECIFIED

CLEARLY DEFINE LINE BETWEEN
TURF/SOD & PLANTING AREA MULCH

COMPACTED SUBGRADE

COMPACTED SUBGRADE

NTS



PROJECT 170001-004

SURVEY RBA ESC CNTY NUMBER 2019.013/L-4903

GENERAL IRRIGATION NOTES:

- 1. VERIFY ALL CONDITIONS AND DIMENSIONS SHOWN ON THE PLANS AT THE SITE PRIOR TO COMMENCEMENT OF WORK UNDER THIS CONTRACT.
- 2. ALL IRRIGATION INSTALLATION SHALL CONFORM TO LOCAL BUILDING AND
- 3. ADJUST SPRINKLER'S ARC AND RADIUS TO ENSURE 100% COVERAGE.
- 4. BURY ALL MAINS AT A MINIMUM DEPTH OF 24 INCHES BELOW GRADE.
- 5. BURY ALL LATERALS AT A MINIMUM DEPTH OF 18 INCHES BELOW GRADE.
- 7. COORDINATE THE LOCATION OF THE CONTROLLER WITH THE OWNER'S REPRESENTATIVE. ELECTRIC SERVICE (110 VOLT AC) SHALL BE PROVIDED
- BY THE GENERAL CONTRACTOR 8. IRRIGATION WELL AND PUMP SHALL BE INSTALLED AS PER NWFWMD STANDARDS — ELEMENT LOC CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITTING DESIGN INTENT.
- 9. PROVIDE COMPLETE TYPEWRITTEN INSTRUCTIONS FOR IRRIGATION
- 10. ALL POP UP SPRINKER HEADS ALONG ROADS OR DRIVES WITHOUT CURBS
- SHALL BE POSITIONED 1' FROM THE BACK OF CURB. 11. EXPOSURE TO FREEZING CONDITIONS WILL RESULT IN THE IMPROPER FUNCTIONING OF THE BACKFLOW PREVENTION DEVICE. THE IRRIGATION
- RPA BACKFLOW PREVENTION DEVICE SHALL BE PROTECTED WITH A INSULATED "LOCK BOX" ENCLOSURE OR APPROVED EQUAL. INSTALL AS PER MANUFACTURER'S RECOMMENDATION. COLOR SHALL BE DARK GREEN.

Irrigation well should be on County property or ROW.

\_\_GENERAL\_NOTES CONTINUED \_\_ UPON AWARD OF THIS CONTRACT, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SPECIFICATIONS DEPICTING EXISTING APPURTENANCES TO REMAIN AND PROPOSED IRRIGATION NEEDED TO

ENSURE 100% COVERAGE OF PLANTED AREAS WITHIN THE PROJECT LIMITS. ZONES SHALL BE RESPECTIVE TO THE PROPOSED PLANT MATERIAL TO BE INSTALLED. - ALL PROPOSED TREES SHALL BE ZONED ON BUBBLERS AS PER

DETAIL SHOWN ON THIS SHEET. - ALL IRRIGATION PIPE TO BE PVC CLASS 200 SDR 21 OR BETTER - THE CONTRACTOR SHALL ZONE TURF, SHRUBS, GROUNDCOVER AND TREES INDIVIDUALLY.

6. VALVES, CONTROLER AND OTHER ELECTRICAL COMPONENTS SHALL BE GROUNDED -VALVES SHOWN ON PLANS MAY BE RELOCATED TO ACCOMODATE AS PER MANUFACTURER SPECIFICATIONS FIELD CONDITIONS - IRRIGATION SCHEDULE IS PROVIDED FOR INFORMATIONAL

PURPOSES ONLY. DESIGNER IS NOT RESPONSIBLE FOR THE ACCURACY OF MATERIALS REPRESENTED. CONTRACTOR SHALL PERFORM THEIR OWN TAKE OFF BASED ON PLAN DOCUMENTS. - ELEMENT LOCATION ON DRAWINGS ARE SCHEMATIC SHOWING

ENSURE 100% IRRIGATION COVERAGE AND LOCATE ALL PIPE IN

- PLAN DOCUMENT DOES NOT SHOW PIPE JUMPS WHERE MAINLINE AND LATERAL PIPING CROSS. IT SHALL BE UNDERSTOOD THAT THIS PIPING SHALL BE SEPARATE.

-EACH VALVE SHALL BE IN A SEPARATE VALVE BOX. VALVES SHOWN GRAPHICALLY IN A SIMILAR LOCATION SHALL BE GROUPED TOGETHER NO CLOSER THAN 2' AND NO FARTHER THAN 4'.

EXISTING WATER MAIN. CONTRACTOR TO VERIFY SIZE IN FIELD 1.5" RPZ BACKFLOW **PREVENTOR** 1.5" GATE INSTALL (TO BE CONTRACTOR VALVE & BOX VERIFIED)"x1.5" TAPPING SLEEVE & VALVE 1.5" IRRIGATION METER 1.5" GATE VALVE \_1.5" GATE VALVE AND BOX

IRRIGATION LEGEND				
<u>SYMBOL</u>	<u>QUANTITY</u>	MODEL NUMBER SPECIFICATION (RAINBIRD OF APPROVED EQUAL)	COMMENTS	
$\bigcirc$	38	Rain Bird 1803—1400 Flood	ALL MEDIUM AND LARGE TREES TO HAVE 2 TREE BUBBLES EACH TYP	
S	25	Rain Bird 1812—SAM—PRS—U 15 Strip Series		
8	100	Rain Bird 1812—SAM—PRS—U U8 Series		
30	25	Rain Bird 5012-PC, FC-SAM-R	ADJUST SPRAY RADIUS AS NEEDED TO AVOID OVERSPRAY	
	7	Rain Bird PESB—PRS—D VALVE	INSTALL VALVE IN RAINBIRD VB SERIES BOX INSTALL 3" #57 CRUSHED STONE IN BOTTOM OF BOX TOP COVER OF VALVE BOX TO READ "VALVE BOX" VALVE SIZE TO MATCH PIPE SIZE	
	700 L.F.	2" MAIN IRRIGATION LINE WITH TRACER WIRE AND VALVE WIRE VALVE SIZE TO MATCH PIPE SIZE	MIN WORKING PRESSURE 100 PSI PROVIDE 24" COVER OVER PIPE MIN	
NOT SHOWN	AS NEEDED PER PLAN	3/4" LATERAL IRRIGATION LINE VALVE SIZE TO MATCH PIPE SIZE		
	180 L.F.	4" PVC SLEEVE PIPE PROVIDE 36" COVER OVER PIPE WHERE SUBJECTED TO VEHICULAR TRAFFIC PROVIDE 24" COVER OVER PIPE WHERE NOT SUBJECTED TO VEHICULAR TRAFFIC		
(AR)	3	2" VALMATIC AIR RELEASE VALVE	INSTALL AT HIGH POINTS IN LINE VALVE SIZE TO MATCH PIPE SIZE WITH RAINBIRD VB SERIES BOX	
	5	2" HOMEWERKS OR LEGEND ISOLATION BALL VALVE	WITH RAINBIRD VB SERIES BOX	
	1	Rain Bird ESP-LXD COMMERCIAL IRRIGATION CONTROLLER		
		OUTDOOR-RATED, PLASTIC LOCKING WALL/POST-MOUNTABLE CASE.		
IRR	1	2" IRRIGATION METER TO BE INSTALLED BY ECUA. PRICE TO BE INCLUDED IN CONTRACTOR'S BID.		

NOTE- APPROVED EQUALS TO ABOVE SPECIFIED MATERIALS WILL BE CONSIDERED.

- ADJUST NOZZLES AS NEEDED TO PREVENT OVERSPRAY

- INSTALL Hunter ICD 100 Decoder AT EACH ZONE VALVE AT DESCRETION OF OWNER AND LANDSCAPE ARCHITECT.

- CONTRACTOR SHALL VERIFY ALL QUANTITIES LISTED

