













GROUNDCOVER PLANTING DETAIL
NOT TO SCALE

**IRRIGATION NOTES:** 

NOT TO SCALE

CONTAINER PLANTING DETAIL

- 1. <u>GUARANTEE</u>— ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR ONE YEAR. ALL WORK SHALL COMPLY WITH THE LOCAL WATER SYSTEM STANDARDS AND SPECIFICATIONS.
- 2. <u>IRRIGATION PLAN</u>— THE IRRIGATION CONTRACTOR WILL BE RESPONSIBLE FOR DESIGNING THE SYSTEM TO MEET THE PERFORMANCE SPECIFICATIONS DESCRIBED BELOW. THE IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS CONNECTED WITH THE INSTALLATION OF THE IRRIGATION SYSTEM. LAWN AREAS SHALL BE WATERED SEPARATELY FROM SHRUB AREAS UNLESS APPROVED BY OWNER. WALKS AND BUILDINGS SHALL NOT BE SPRAYED BY SYSTEM. AN AS—BUILT DRAWING SHALL BE PROVIDED AT THE END OF THE PROJECT. THE SYSTEM SHALL PROVIDE A MINIMUM OF 1" WATER PER WEEK OVER THE LANDSCAPE.
- 3. <u>SETTING OF METER</u>— THE IRRIGATION CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING TAP AND PROVIDING THE APPROPRIATE SIZE METER. ALL WORK IS TO BE COORDINATED WITH THE LOCAL WATER SYSTEM.
- 4. <u>SETTING OF BACK FLOW PREVENTER</u>— A NIBCO BRASS GATE MASTER CONTROL VALVE AND A WATTS DOUBLE CHECK VALVE ASSEMBLY SHALL BE INSTALLED.
- 5. <u>EXISTING PRESSURE</u>— THE RESIDUAL PRESSURE SHALL BE DETERMINED BY THE IRRIGATION CONTRACTOR. THE IRRIGATION CONTRACTOR WILL BE RESPONSIBLE FOR THE IRRIGATION SYSTEM; AND PRIOR TO STARTING ANY WORK, HE SHALL CHECK THE PRESSURE TO INSURE THAT A MINIMUM OF 55 PSI IS AVAILABLE AFTER THE BACK FLOW PREVENTER.
- 6. <u>PIPING</u>— ALL PIPE SHALL BE PR 200 SOLVENT WELD PVC PIPE EXCEPT FOR SCHEDULE 40 PIPE USED FOR RISERS AND THE MAIN SUPPLY LINE. THE PIPE SHALL BE BURIED A MINIMUM OF 12". THE IRRIGATION CONTRACTOR SHALL COORDINATE THE PLACEMENT OF PIPING WITH THE LANDSCAPING, PARTICULARLY CONCERNING TREES AND LARGE SHRUBBERY. THE CONTRACTOR SHALL NOT CUT ANY TREE ROOTS OVER 1" DIAMETER AND SHALL TAKE EXTRA CARE AROUND EXISTING TREES. ALL GATE VALVES ARE TO BE OF BRONZE CONSTRUCTION. SETTLEMENT OF TRENCHES SHALL BE CORRECTED BY THE IRRIGATION CONTRACTOR.
- 7. <u>INSTALLATION OF HEADS</u>— HEADS SHALL BE PROPERLY ALIGNED IN RELATIONSHIP TO THE BUILDING AND WALKS. THE RADIUS OF THE HEADS SHALL BE ADJUSTED AS NECESSARY. ALL HEADS OF THE SAME TYPE SHALL BE OF THE SAME MANUFACTURER.
- 8. <u>AUTOMATIC DRAIN VALVES</u>— AUTOMATIC DRAIN VALVES SHALL BE INSTALLED AT ALL LOW POINTS.
- 9. <u>FLEX RISERS</u>— HEADS THAT ARE 3" OR LESS ABOVE GRADE WILL BE INSTALLED WITH KING BROTHERS FLEX RISER OR TORO FUNNY PIPE
- 10. <u>CONTROLLER AND WIRE</u>— THE CONTROLLER SHALL BE RECOMMENDED BY THE CONTRACTOR TO THE OWNER. ALL CONTROL WIRING SHALL BE A MINIMUM OF 14 GAUGE "UF" WIRE WITH PE INSULATION AS MANUFACTURED BY PAGE ELECTRIC. THE CONTRACTOR SHALL MOUNT THE CONTROLLER AS DIRECTED BY THE OWNER. THE GENERAL CONTRACTOR SHALL SUPPLY 110V CURRENT TO THE CONTROLLER LOCATION AND A CONDUIT FOR CONTROL WIRE
- 11. <u>AUTOMATIC VALVES</u>— VALVES SHALL BE ELECTRIC 24 V.A.C. REMOTE CONTROL VALVES. THE CONTRACTOR SHALL PLACE ALL VALVES IN "AMTEK" 10"X16" BOXES 10-170-001 (COVER 10-173-134) OR IN ROUND 10" AMTEK BOXES. ALL ELECTRICAL CONNECTIONS SHALL BE COATED WITH 3M SCOTCHKOTE ELECTRICAL COATING OR EQUAL. BOXES ARE TO BE SET ON 3" GRAVEL FOR DRAINAGE.
- 12. <u>SETTING A WATER SCHEDULE</u>— THE CONTRACTOR SHALL TAPE A WATERING SCHEDULE AND A SCHEMATIC SITE PLAN SHOWING THE LOCATION OF EACH ZONE OT THE CONTROLLER. UNLESS APPROVED OTHERWISE BY THE LANDSCAPE ARCHITECT, THE SCHEDULE SHALL PROVIDE ONE (1) INCH OF WATER PER WEEK UNTIL PLANTING BECOMES ESTABLISHED.
- 13. <u>PERIODIC VISITS</u>— DURING THE FIRST WATERING SEASON, THE CONTRACTOR SHALL PERIODICALLY VISIT THE SITE TO INSURE THE SYSTEM IS OPERATING PROPERLY. DURING SUCH VISITS, OT ACCOMMODATE UNFORESEEN SHADY, MOIST, OR DRY AREAS, THE IRRIGATION CONTRACTOR WILL ADJUST NOZZLES AS NECESSARY AS DIRECTED BY THE LANDSCAPE ARCHITECT AT NO COST TO THE OWNER.
- 14. <u>SLEEVES</u>— THE GENERAL CONTRACTOR WILL INSTALL AND MARK SCHEDULE 40 PVC SLEEVES IN THE FIELD.
- 15. <u>LOCATION OF UTILITIES</u>— THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES WITHIN THE CONSTRUCTION AREA AS NECESSARY.
- 16. AN AS-BUILT IRRIGATION PLAN SHALL BE PROVIDED FOR OWNER.

## **GENERAL LANDSCAPE NOTES:**

NOT TO SCALE

- 1. LANDSCAPE CONTRACTOR AND IRRIGATION CONTRACTOR SHALL PROVIDE THREE REFERENCES ON PROJECTS FIVE YEARS OLD OR OLDER. THE JOB SIZE SHOULD BE A MINIMUM OF \$100,000 (LANDSCAPE) AND \$50,000 (IRRIGATION).
- 2. ALL PLANT MATERIAL SHALL BE APPROVED BY LANDSCAPE ARCHITECT BEFORE PLANTING.

TREE PLANTING DETAIL

- 3. LANDSCAPE CONTRACTOR SHALL FLAG OUT ALL TREE PLANTINGS AND SHRUB AREAS (TYPICAL LAYOUT WILL SUFFICE), AND NOTIFY LANDSCAPE ARCHITECT FOR APPROVAL BEFORE PLANTING. ALLOW FOR 2 DAYS NOTICE.
- 4. PLANTING SHALL BE PER DETAILS AND ARBOR LANDSCAPE SPECIFICATIONS. AT COMPLETION OF THE JOB, THE LANDSCAPE ARCHITECT WILL CHECK THE PLANTING PROCEDURE FOR ONE PLANT IN EACH BED. IF PLANTED IMPROPERLY ALL PLANTS IN BED WILL HAVE TO BE REPLANTED. THE SAME PROCESS WILL APPLY TO ALL TREES. SO PLEASE SUPERVISE ALL PLANTINGS CAREFULLY.
- 5. LANDSCAPE CONTRACTOR SHALL DEEP PLOW AND RAKE—OUT ALL HARD PAN AREAS TO A DEPTH OF 12" AND SOIL AMENDMENTS ADDED BEFORE DIGGING INDIVIDUAL HOLES. 4" TOPSOIL TO BE PROVIDED BY LANDSCAPE CONTRACTOR IN ALL SOD AND SEEDED AREAS. BREAK OUT AS A SEPARATE PRICE.
- 6. LANDSCAPE CONTRACTOR SHALL PROVIDE 1 YEAR MAINTENANCE (SEE SPECIFICATIONS) FOR ALL NEW PLANTINGS, SOD, AND SEEDED AREAS. ALL TREES WILL REQUIRE HAND WATERING IN ADDITION TO THE IRRIGATION SYSTEM.
- 7. MULCH ALL PLANT BEDS TO BE MULCHED WITH 4" OF DOUBLE GROUND HARDWOOD MULCH.
- 8. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY LICENSES AND INSURANCE TO COMPLETE THE WORK.
- 9. FINAL CLEANUP OF SITE AS A RESULT OF LANDSCAPE OPERATIONS AND ALL FINE GRADING SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- 10. ALL PLANT MATERIAL AND WORKMANSHIP TO BE GUARANTEED FOR ONE YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER. PLANT REPLACEMENT TO OCCUR ONLY ONCE.
- 11. PAYMENT DUE UPON SATISFACTORY COMPLETION OF THE WORK.
- 12. IN ORDER TO KEEP ALL BIDS STANDARD, ESTIMATED UNIT PRICES MUST BE GIVEN ON PLANT TYPE AND SIZE LISTED IN PLANT LISTS. THESE ESTIMATED UNIT PRICES SHOULD BE WITHIN NORMAL NURSERY INDUSTRY PRICING RANGE.
- 13. THESE PLANT LISTS GIVE THE PLANT AND SIZE THE MOST DESIRED FOR THIS PROJECT. ALTERNATE PLANTS AND/OR SIZES WILL BE NEGOTIATED AFTER THE SUCCESSFUL BID IS TAKEN.
- 14. ALL PLANT MATERIAL WILL BE INSPECTED. PLANTS NOT CONFORMING PRECISELY TO PLANT LIST WILL NOT BE ACCEPTED AND SHALL BE REPLACED.
- 15. THE OWNER HAS THE OPTION TO DELETE ANY PART OF THE CONTRACT PRIOR TO THE SIGNING OF THE CONTRACT. PLEASE LIST ALL ITEMS INDIVIDUALLY.
- 16. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ARBOR ENGINEERING, INC. LANDSCAPE SPECIFICATIONS (02930). THE LANDSCAPE CONTRACTOR SHALL ADHERE TO THESE SPECS THROUGH OUT THE DURATION OF THE JOB. SPECIFICATIONS ARE AVAILABLE AT ARBOR ENGINEERING, INC. 10 WILLIAMS STREET, GREENVILLE SOUTH CAROLINA, 29601, TELEPHONE (864) 235–3589.
- 17. SOD AREAS TO BE BERMUDA.



ENGINEERING

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LANDSCAPE ARCHITECTS - CIVIL ENGINEERS

NUMBER

C00533

RECREATIONAL PLANNERS - LAND PLANNERS - URBAN PLANNERS

REVISIONS

COUNTY REVIEW

LEGEND

DESCRIPTION

RELEASED FOR LAURENS

GRAY COURT SOUTH CAROLINA

LANDSCAPE DETAILS

DRAWN:	AMA	DATE:	JULY	13, 202
DESIGN:	AMA	HORIZONTAL S	CALE:	N/
APPROVED:	AMA	VERTICAL SCAL	.E:	N/

21021

GRAPHIC SCALE

L-105

SHEET NO.

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