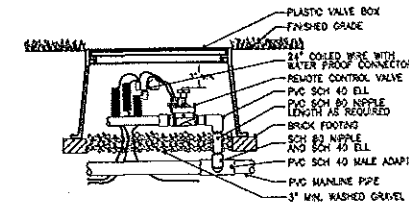


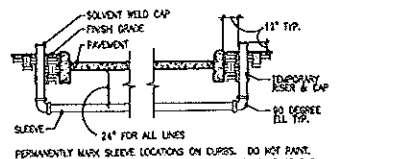
WALL MOUNT CONTROLLER

N.T.S.



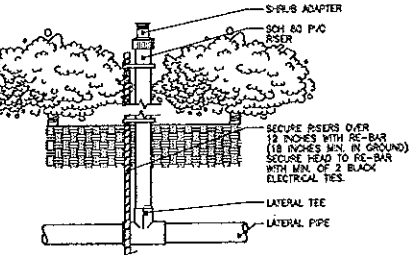
REMOTE CONTROL VALVE

N.T.S.



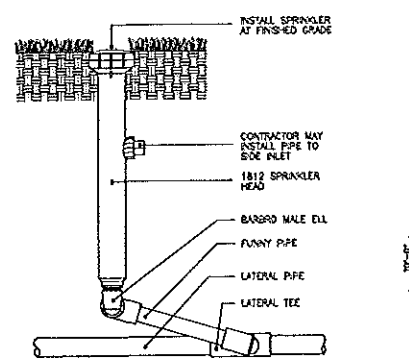
TYPICAL SLEEVE DETAIL

N.T.S.



SHRUB RISER

N.T.S.



1812 HIGH POP

N.T.S.

SPRINKLER IRRIGATION NOTES:

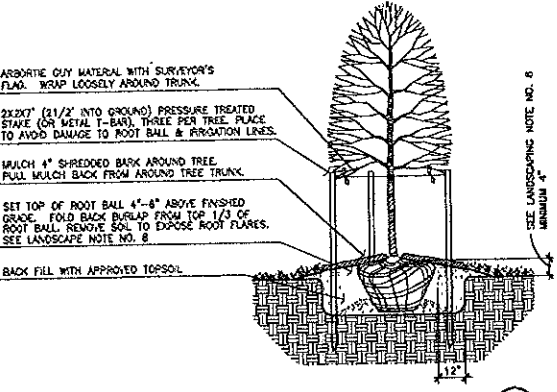
1. Examination of Site: The installer shall visit the site of the work to acquaint himself with conditions and difficulties attending the performance of the work. By submission of the bid, the installer certifies that he has complied with the requirements and no additional compensation or relief from any obligation of the contract will be considered because of lack of knowledge of the site or conditions under which the work will be performed.
2. Specifications: The installer is responsible for obtaining a copy of the project specifications prior to bidding. The project specifications are part of these plans and shall be consulted by the installer.
3. Notes on Drawings: The installer is responsible for notes on the drawings which call attention to particular requirements or conditions. The fact that these requirements or conditions may not be noted in the specifications does not relieve the installer of responsibility for such requirements or conditions.
4. Field Conditions: The installer shall verify existing dimensions with actual field dimensions and correct related work and adjacent surfaces. The installer shall report any discrepancies to the Engineer prior to bidding or prior to installation. If a question arises as to the coverage of each condition the drawings shall be a minimum acceptable coverage and make necessary adjustments prior to submitting bid. Notify in writing the Engineer of any changes or substitutions to system. Only those changes or substitutions approved in writing will be allowed.
5. Codes and Ordinances: All local, State, Federal laws and regulations, and National Sanitation Foundation recommendations, governing or relating to any part of this work are incorporated into and made a part of these drawings.
6. Utilities: The exact location of all existing utilities, structures and underground utilities, which may not be indicated on the drawings, shall be determined by the installer and he shall conduct the work so as to prevent interruption of service or damage. The installer shall be responsible for any damage and shall repair to original condition of no cost to Owner.
7. Quantities: Quantities indicated on the drawings take precedence over quantities indicated in the Material List. Verify all quantities prior to submitting bid.
8. Line Placement: Lines shown on the drawings are essentially diagrammatic; their exact location shall be established in the field. Lines shown parallel to each other shall be placed in common trench. Spacing between lines shall be as indicated. Location of lines shall be placed in common trench and shall be placed in common trench. Irrigation lines and valves shall be placed in common trench.
9. Service: Place sleeves as indicated on drawings. Provide 40 PVC with a minimum coverage of 24 inches measured from the top of pipe to finished grade. Embed pipe 24 inches beyond edges of pavement and permanently mark tube at locations. Do not pipe.
10. Pipes: Where irrigation lines run under funnels, other install lines in sleeves or bore under funnels.
11. Tests: Above ground lines shall be measured from finished grade to the top of sprinkler head. Provide Sch 80 PVC with threaded ends. Sleeves shall be higher than 12 inches with #3 re-bar and attach with black plastic electrical ties every 12 inches.
12. System Design: System is designed to operate with 30 PSI furnished at each sprinkler head. Pipe to pressure, water meter, pressure and GPM. See to insure proper operation and spray patterns of heads. Notify Engineer if water pressure is inadequate.
13. Valve Boxes: Provide Ametek Valve Boxes for each remote control valve and control wire splices.
14. Spray Patterns: Adjust spray patterns so as not to fog or drive water onto adjacent pavements.
15. PEB Valve Adjustment: Field adjust valves to prevent fogging at heads. Set 1800 Series heads at 30 PSI and PEB heads at 35 PSI.
16. Property Lines: Irrigation lines shown on diagrammatic. Place all lines and risers inside property lines.
17. Taps: Where a larger pipe leads into a smaller pipe, the tee shall be equal in size to the larger pipe.
18. Winterizing System: Entire system shall be winterized prior to freezing weather by completely flushing all water out of irrigation of valves, sprinkler heads, and backflow prevention devices. Winterizing shall be performed by a competent sprayer/irrigation contractor familiar with the proper procedure.

LANDSCAPING NOTES:

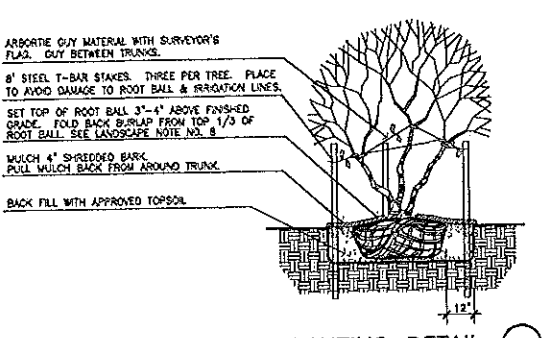
1. Examination of Site: The installer shall visit the site of the work to acquaint himself with conditions and difficulties attending the performance of the work. By submission of the bid, the installer certifies that he has complied with the requirements and no additional compensation or relief from any obligation of the contract will be considered because of lack of knowledge of the site or conditions.
2. Notes on Drawings: The installer is responsible for notes on drawings which call attention to particular requirements or conditions which may or may not be included in written specifications.
3. Utilities: Prior to landscape operations, installer shall verify locations of all utilities and structures which may or may not be located on drawings. He shall conduct work so as to prevent interruption of services. Any damage shall be repaired to its original condition at the expense of the installer.
4. Site Work: Any work performed with a State R.O.N. shall be properly permitted and conform to that State's Department of Highway Standards Specifications, latest edition.
5. Plant Materials: All plant materials shall conform to the applicable standards of the American Association of Nurserymen, Inc. American Standard Fine Nursery Stock, AHS 2001 Plant Section. Plant materials shall have been grown under similar conditions similar to those in the locality of the project. Quantities on drawings take precedence over quantities indicated in Plant Material List. Selected items take precedence over Common Items. Plants shipped into field or home tender growth, shall be sprayed with a anti-transpirant at greater prior to shipping. All trees shall have straight central leaders.
6. Installation: Install as per written Specifications and Planting Details. After placement of material, compact on surface around root ball and fill with water. While watering, keep a rod into soil and rotate to release any air and continue until no more water will permeate into soil. Fill holes left by rod and settlement.
7. Quantities & Maintenance: All plant materials, turf, and workmanship shall be guaranteed in strict accordance with written Specifications for a period of twelve months beginning at time of written acceptance. Trees and shrubs shall be monitored (in spirit of original bid) in a healthy growing condition until final inspection and approval by Owner by watering on a regular basis, and application of fertilizers and fungicides when required. Sprigging, leafing out and root growth shall be noted. Dead or dying plants shall be removed and replaced with material of equally quantity and carry same guarantee. Remove any wire, stakes, and tree wrap at end of guarantee period.
8. Tree Pits: Installer shall test tree pits for percolation. If tree pit will not percolate at a rate sufficient to insure proper root growth and survival, retain root ball to the minimum height above surrounding grade to insure proper root growth and survival at plant. Place lawn where indicated on plans.
9. Preparation of Land: Where new lands, portions of lands, or planting areas are added to parking lot or paved areas, cut and remove all asphalt, gravel base, and concrete to existing grade. Grade and compact to existing grade. Backfill with topsoil. In newly constructed areas, remove all asphalt and gravel base material and excavate to depths indicated in Land Planting Details, and backfill with topsoil.

SOCCING NOTES:

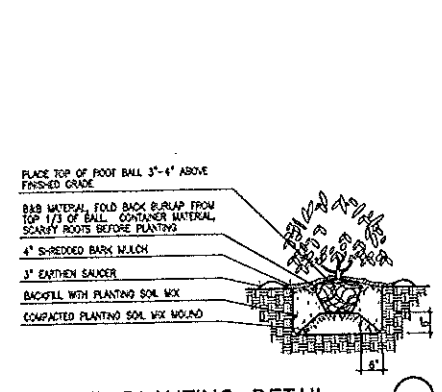
1. Soil Test Report: Installer shall provide and pay for a Soil Test Report to determine type and quantities of fertilizers and other amendments necessary to establish proper pH factor and correct to long lasting soil to a satisfactory level for plant growth. Furnish copies of Soil Test Report to Engineer. Contact local County Agent for testing.
2. Fertilization: Initial 4 inches of topsoil over all areas to be added. Rate enough to provide 100 lbs. of nitrogen per acre. Add fertilizers and other amendments in quantities as recommended in the Soil Test Report, unless otherwise noted in the Specifications.
3. Sod: Provide fresh well-rooted and free of weeds, grasses, insects, and other grubs. Sod shall be machine cut with clean edges to a uniform thickness with 1 1/2 inches of topsoil and a lift height of 1 to 1 1/2 inches. Mow prior to laying.
4. Installation: Lays with tight joint joints. Lay perpendicular to direction of slope. Sloppy slopes to avoid joints of adjacent courses. Set sod with water bucket roller and water thoroughly to saturate sod and install. Secure sod with staples on slopes 2:1 and steeper.
5. Maintenance & Quantities: All sodded and turf areas shall be guaranteed and maintained in strict accordance with Specifications. Weeds also by weeding, fertilizing, mowing, watering, applications of herbicides, fungicides, insecticides, and a full flood of water, free from weeds, grasses, and insects is defined and acceptable to Owner. Replace any dead sod



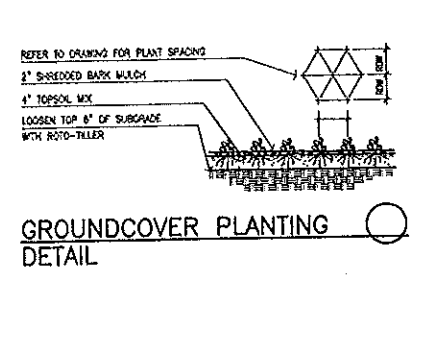
TREE PLANTING DETAIL



MULTI-TRUNK TREE PLANTING DETAIL



SHRUB PLANTING DETAIL



GROUNDCOVER PLANTING DETAIL

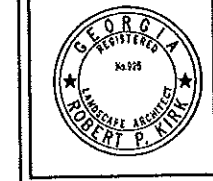
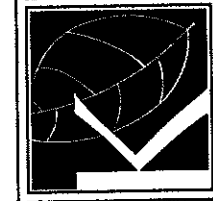
PLANT MATERIAL LIST			
QTY.	COMMON NAME	BOTANICAL NAME	DENSITY POINTS
5	'AKEBONO' CHERRY	PRUNUS YEDONENSIS 'AKEBONO'	2' CAL 10' 8 X 5 = 15
4	NUTTALL OAK	QUERCUS NUTTALLII	4' CAL 14'-16' 4 X 4 = 16
11	'OCTOBER GLORY' RED MAPLE	ACER RUBRUM 'OCTOBER GLORY'	4' CAL 14'-16' 11 X 4 = 44
5	RIVER BIRCH	BETULA NERA 'DURA HEAT'	2' CAL EACH TRUNK 12' 3 X 5 = 15
6	SUGAR MAPLE 'LEGACY'	ACER SACCHARUM 'LEGACY'	4' CAL 14'-16' 6 X 4 = 24
7	WASHINGTON HAWTHORN	CRATAEGUS PHAEOPTERYM	2' CAL 10' 7 X 5 = 35
12	HELLOW OAK	QUERCUS PHellos	4' CAL 14'-16' 12 X 4 = 108
7	CARISSA HOLLY	ILEX CORNUTA CARISSA	3 GALLON MIN 15' SPREAD 40.7
63	'CHANG RUBY' LOROPETALUM	LOROPETALUM CHINENSIS RUBRUM 'CHANG RUBY'	3 GALLON 18'-24'
45	DWARF INDIAN HAWTHORN	RAPROLEPIS INDICA 'SHOH'	3 GALLON 15' SPREAD
7	EMILIE BRUNNER HOLLY	ILEX 'EMILIE BRUNNER'	6' HEAVY
25	GEORGE TABOR AZALEA	RHOODODENDRON INDICA 'GEORGE L. TABOR'	3 GALLON 24' SPREAD
5	'HETZ' ARBORVITAE	THUJA OCCIDENTALIS 'HETZ WINTERGREEN'	6'
10	MISCANTHUS	MISCANTHUS SENENSIS 'ERACILLUMUS'	3 GALLON 30'-36' HEIGHT
62	NEEDLEPOINT HOLLY	ILEX CORNUTA NEEDLEPOINT	36' HEIGHT
73	PARSON JUNPER	JUNPERUS DAURICA EXPANSA 'PARSON'	3 GALLON 18' SPREAD
34	SEA GREEN JUNPER	JUNPERUS CHINENSIS 'SEA GREEN'	30' HEIGHT
80	ASIATIC LASHMIE	TRACHELOSPERMUM ASIATICUM	4' POTS
1750	APPROX. 52 YDS. 'TIFTON' 4:1 BERMUDAGRASS SOO		

Date: OCT. 1, 2002	Drawn: BSK	Checked:
NO.	REVISED PER CITY APPROVED COMMENTS 02/02	DATE:
	ADDED GUY W/ ACCESS DRIVE	02/02
		02/02

AMERICAN FAMILY CARE
 HANDSOMBLE ROAD
 ROSWELL, GEORGIA

FOR
AMERICAN FAMILY CARE
 HOOVER, ALABAMA

Robert P Kirk & Associates, P.C.
 Landscape Architecture - Site Planning
 & Golf Course Design
 2155 Old Rocky Ridge Road
 Birmingham, Alabama 35216
 205/988/4720



SHEET L4-R0

SEQUENCE OF 4

PROJECT: 12-197