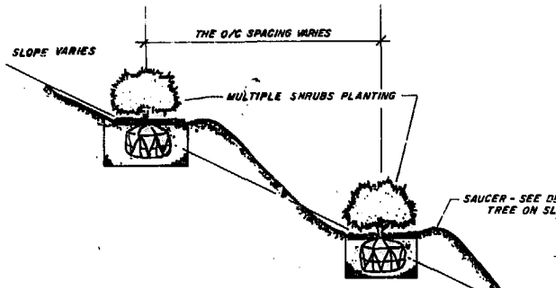
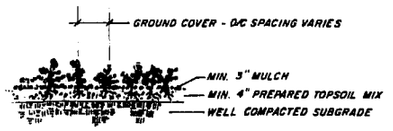
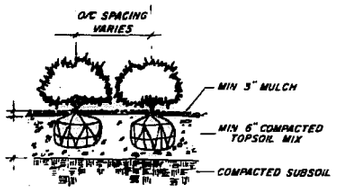


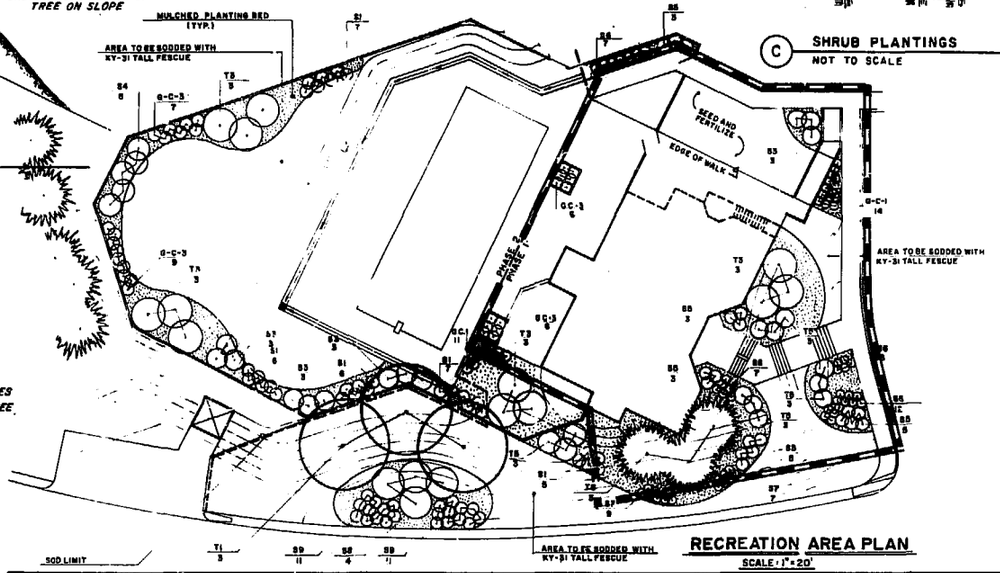
A GRADING FOR MULTIPLE SHRUB PLANTING ON SLOPE
NOT TO SCALE



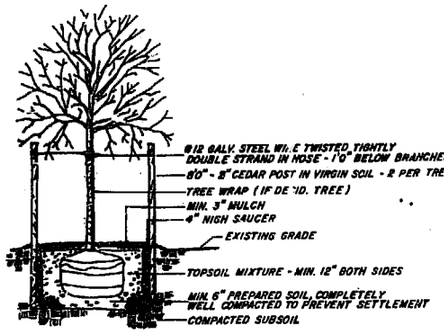
B GROUND COVER PLANTING
NOT TO SCALE



C SHRUB PLANTINGS
NOT TO SCALE



RECREATION AREA PLAN
SCALE: 1" = 20'

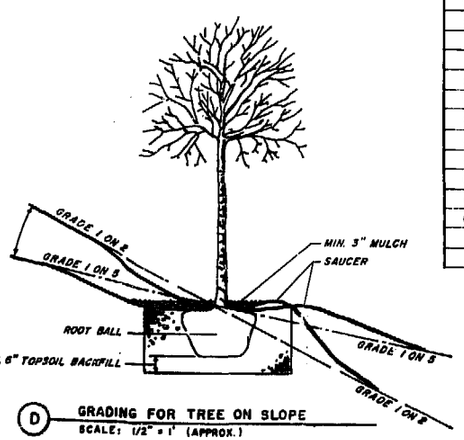


E STAKING OF MAJOR TREES
NOT TO SCALE

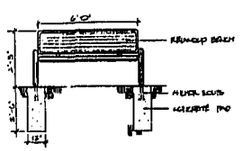
NOTE: QUANTITY FOR ITEM "T-6" INCLUDES BOTH PHASES 1&2. SEE PUMP STATION VICINITY FOR REMAINING PLANT LOCATIONS

PLANT LIST

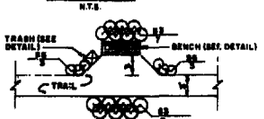
KEY	NO.	SIZE	COMMON NAME	BOTANICAL NAME	VARIETY	COMMENTS
T1	7	14 FT. - 16 FT.	OCTOBER GLORY MAPLE	ACER RUBRUM	OCTOBER GLORY	B & B
T2	22	7 FT. - 8 FT.	WHITE FLOWERING DOGWOOD	CORNUS FLORIDA		B & B
T3	18	7 FT. - 10 FT.	CRAPE MYRTLE	LAGERSTROEMIA INDICA	NATCHEZ	B & B
T4	3	7 FT. - 8 FT.	KOUSA DOGWOOD	CORNUS KOUSA		B & B
T5	12	30 IN. - 36 IN.	LEATHERLEAF VIBURNUM	VIBERNUM RHYTIDOPHYLLUM		B & B
T6	15	5 FT. - 6 FT.	LEYLAND CYPRESS	CUPRESSOCYPARIS LEYLANDII		B & B
S1	59	24 IN. - 30 IN.	OTTO LUYKEN LAUREL	PRUNUS LAUROCERASUS	OTTO LUYKEN	B & B
S2	9	24 IN. - 30 IN.	EVERGREEN ELAEAGNUS	ELAEAGNUS PUNGENS	EBBINGEI	CONTAINER
S3	29	24 IN. - 30 IN.	NANDINA	NANDINA DOMESTICA		CONTAINER
S4	23	3 FT. - 4 FT.	SWEET HOLLY	OSMANTHUS ILICIFOLIUS	GULFTIDE	B & B
S5	30	18 IN. - 24 IN.	DROOPING LEUCOTHOE	LEUCOTHOE CATESBAEI		CONTAINER
S6	56	24 IN. - 30 IN.	AZALEA	AZALEA MUCRONATUM	BUCCANEER	CONTAINER
S7	39	24 IN. - 30 IN.	AZALEA	AZALEA MUCRONATUM	HINO CRIMSON	CONTAINER
S8	4	3 FT. - 4 FT.	WAX MYRTLE	MYRICA CERIFERA		B & B
S9	22	2 FT. - 3 FT.	NELLIE R. STEVENS HOLLY	ILEX (NELLIE R. STEVENS)		CONTAINER
G.C.1	118	12 IN. - 15 IN.	PARSONS JUNIPER	JUNIPERUS CHINENSIS	EXPANSA PARSONII	CONTAINER
G.C.2	40	18 IN. - 24 IN.	BLUE PACIFIC JUNIPER	JUNIPERUS CONFERTA	BLUE PACIFIC	CONTAINER
G.C.3	28	15 IN. - 18 IN.	ANDORRA JUNIPER	JUNIPERUS HORIZONTALIS	DEPRESSA PLUMOSA	CONTAINER

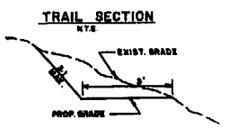


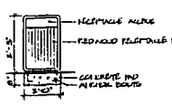
D GRADING FOR TREE ON SLOPE
SCALE: 1/2" = 1' (APPROX.)



TYPICAL BENCH ELEVATION
N.T.S.







TYPICAL TRASH RECEPT. ELEVATION
N.T.S.

LANDSCAPING SPECIFICATIONS

The contractor shall provide all labor, materials, etc. necessary to complete all planting as shown on the drawings, as specified herein and/or as required by job conditions. The work in general includes, but is not limited to the following: 1) Provide all plant material as indicated. 2) Excavation of all pits. 3) Topsoil backfill for tree pits. 4) Fertilizing, planting, pruning, 5) Maintenance and guarantee, 6) All other items necessary to complete the work.

Topsoil shall be supplied by the Contractor as necessary quantity. The Contractor may use topsoil after removing sod (see IV, 9.1.) if suitable topsoil is found on the site. Topsoil shall be friable, fertile, natural agricultural horizon topsoil of typical of loamy, free of stones, stumps, roots or other woody growth, and free of subsoil, weeds, stones larger than two inches, and all other deleterious materials.

Fertilizer shall be 5-10-10 formulae, of a completed manufacturer of commercial fertilizer, and shall conform to the applicable state fertilizer laws. It shall be uniform in composition, dry and free flowing, shall not be stored on damp ground and shall be delivered to the site in the original, unopened containers bearing the manufacturer's guaranteed analysis. Azalea - Camellia fertilizer shall be "Azalea and Camellia Special" or a recognized equivalent.

Stakes for supporting trees shall be 2 inches square or round, be 8 feet long and sound, trimmed for one half their length with opposite or other approved wood characteristics. Wire for fastening trees to stakes shall be No. 12 gauge pliable galvanized iron. Hose to protect tree where wire passes shall be 2 feet long. Wrapping material shall be 4 inch crinkled or rubber garden hose. Wrapping material shall be 4 inch crinkled paper crepe or Tree Wrap as made by Coon or Flexwrap Company, Inc., Fremont, Michigan or approved equal.

Tree Mulch shall be horse, and manure about 1/2 to 1" dia. low in content of woody material and free of material harmful to plant growth. Mulch shall have a water holding capacity, 100 to 200 percent, necessary content 30 percent natural shredded or granulated.

The contractor shall make, or has request, whatever arrangements may be necessary to ensure an adequate supply of water to assist the needs of this contract. He shall also furnish all necessary hose, connection hoses and sprinklers or set the adequate irrigation of lawns and plants as may be required.

Mulch shall be clean coarse pine bark mulch or approved local as generally available at local nurseries, applied 3 inches or deeper over all beds, shrubs and tree plantings, except that, where slopes indicate likelihood of wash, clean washed coarse stone shall be used. At drainage flow channels, swales, paving gutters where concentrations of surface water occur from culvert or paved ditch and fence or other heavy pre mulch be installed to a depth of 6 inches and to such extent as will prevent erosion. All swales and shallow planting beds, shall require one inch (1) pea stone mulch under the 3 inches of bark mulch.

The nomenclature of plants required under this contract conforms to those given in Standardized Plant Names, 1942 Edition, prepared by the American Joint Committee on Horticultural Nomenclature. Names of varieties not included therein conform generally with names accepted in the nursery trade. All trees shall have a habit of growth that is normal for the species, and shall be sound, healthy, vigorous, well rooted developed tree systems and free from insect pests, plant diseases, and injuries. All plants shall conform to the measurements specified in the Plant List, which are minimum acceptable sizes. Trees shall have single trunks except as noted. All shrubs shall be healthy, vigorous, and of good color. Any necessary pruning shall be done at time of planting. However, no plant supplied under this contract shall be pot, or boss to such extent that it is longer merits specifications. Requirements for the measurements, branching, grading, quality, balled, but topping of plants on the Plant List generally follow the code of standards currently established by the American Standard Nursery Stock. Substitutions will be permitted only upon submission of proof that the plant is not obtainable and authorized by the owner of a change order providing for use of the nearest equivalent obtainable size or species. In case the same approval, measurements with an equitable adjustment of contract price.

Balled and burlapped plants (B & B) shall be dug with firm, natural balls of earth of sufficient diameter and depth to encompass the fibrous and feeding root system necessary for full recovery of the plant. Balls shall be firmly wrapped with burlap or similar material and bound with rope or cord. Plants named For on the Plant List or plants of large size shall be balled and burlapped. The balls B & B sizes shall be generally as specified in the Plant List, and shall be firm enough to retain their shape and be adequately protected from damage. Balled and burlapped plants shall be set upright in the pits and backfilled with specified soil mixture. Before backfilling, all burlap, wrapping materials, and wire baskets shall be removed from the balls. Balled and burlapped plants that have become loosened in transit may be accepted if the ball is firmly reconstructed around the roots with burlap and the plant properly set and supported in the pit as specified above. Plants shall be freshly dug and prepared for immediate planting and shall not be left standing in transit. Protection against sun, wind, and mechanical injury shall be provided at all times. During loading, transporting, unloading, handling and storage. Contractor shall be responsible for any damage to plants or plant material due to his operations and shall replace all damaged plants as specified herein.

Inspection of plants for conformance to the requirements specified will be made at the source of supply. Notification of intent to inspect shall be given to the Landscape Designer at least seven days in advance of the time inspection is to be made. Inspection at the source of supply does not preclude the right of rejection at the site or during progress of the work for non-conformance to specified requirements. Rejected plants shall be removed immediately from the site.

Guarantee: All trees, shrubs, ground cover and vines shall be guaranteed for one year after completion of planting and acceptance. Any plants found dead or not in satisfactory condition during that period shall be replaced during the next planting season. The Contractor shall not be required to replace plants more than once except for defects resulting from neglect by the Owner, or abnormal conditions beyond the control of the Contractor. The guarantee shall not cover annuals, perennials, bulbs, or vines that do not survive the first growing season, unless failure to survive is due to the Contractor's neglect.

Maintenance shall begin immediately after planting and shall continue until the end of the guarantee period. Maintenance shall include watering, cultivating, mulching, removal of dead materials, resetting plants to proper grades or position, restoring of planting saucers, and other necessary operations. Proper protection to existing lawn areas shall be provided and any damage resulting from planting operations shall be repaired at the Contractor's expense. Protection for lawn areas against compaction or rutting shall be provided and such damage if any shall be repaired. Nothing in these specifications shall be construed to relieve the contractor of his responsibility to repair areas or lawns damaged by his operations.

Inspection: The right to determine completion of the contract including the issuance of certificates of acceptance will be made by the Landscape Designer at the conclusion of the installation period upon written request of the Contractor. Request shall be submitted at least seven days before the anticipated date of inspection. After inspection, the Landscape Designer will notify the Contractor in writing of any deficiencies. When deficiencies have been corrected within the time allowed, the Contractor will be notified in writing of the acceptance. If deficiencies are not corrected, the Contractor will be notified and the inspection repeated.

Acceptance shall be fully performed for the entire area of the contract or any part thereof before planting shall be inspected. All replacements shall conform to the original specifications at no cost to the Owner. Any replacements made after the expiration of the guarantee period shall be guaranteed for one year from the date of replacement. Any plants that are dead or not in satisfactory condition at the end of the guarantee period shall be replaced in the next planting season unless the Contractor has been released from his guarantee obligations. In the event that a difference of opinion shall arise over the requirements of the plants, the decision of the Engineer or Landscape Designer shall be final. All costs of replacement shall be borne by the Contractor.

Landscaping will not be measured but shall include all plant, excavation, backfilling, topsoil, mulching, fertilizer, mowing, guying, mulch, watering, maintenance, and guarantee required for the completion of the work as shown. Payment for the work specified herein shall be included in the lump sum bid for Landscape Planting.

Talbot & Associates, Ltd.
Architects, Engineers, Landscape Architects, Planners
Norfolk, Virginia Beach, Virginia, Newport News, Virginia, Washington, D.C. Area

LANDSCAPE PLAN AND SCHEDULE

PORT ANNE
WILLIAMSBURG, VIRGINIA
RECEPTION CENTER

Designed	JRB
Drawn	T/A
Checked	ABS
Scale	NTS
Date	3-8-68
File No	E-84019
Project No	P84019
Sheet No	13
of	14 Sheets