	SUB-TOTAL SUB-TOTAL SUB-TOTAL ESTIMATED TOTAL ESTIMATED TOTAL ESTIMATE THE FOREGOING ESTIMATE REFLECTS THE CURRENT IMPROVEMENT COSTS OF THIS PROJECT. SIGNED: DATE:		ASPHALT PAVEMENT TYPE SM-9.50 IN 240 50 12000 ASPHALT PAVEMENT TYPE BM 25 TN 750 50 37500 TYPE 1, NO. 21B STONE CY 650 40 26000 RETAINING WALLS SUBTOTAL:  AMERICAN BOXWOOD SHRUBS SEEDING SUBTOTAL:  TOP SOILING SUBTOTAL:  SY 120 1350 SYBTOTAL:  TOP SOIL STONE SY 120 1350 A320 A320 A320	EA   2   2500	RY SEWER ITE ARD MANHOLE IITARY SEWER AN OUT EXCAVATION TERLINE (D.I.) LVE ERLINE EXCAVATION RARY BLOW-OI AL: AL:
	COVER SHEET C2 DIMENSIONAL PLAN C3 UTILITY PLAN C4 GRADING PLAN C5 EROSION AND SEDIMENT CONTROL PLAN C6 SEWER AND WATER PROFILES AND ROADWAY PROFILE C8 RETAINING WALLS AND DETAILS C9 LANDSCAPING PLAN C10 COUNTY OF ROANOKE — WATER DETAILS C11 COUNTY OF ROANOKE — SEWER DETAILS C12 COUNTY OF ROANOKE — STORMWATER MANAGEMENT DETAILS C13 STORMWATER MANAGEMENT DETAILS C14 COUNTY OF ROANOKE — STORMWATER MANAGEMENT DETAILS C15 COUNTY OF ROANOKE — STORMWATER MANAGEMENT DETAILS		It is the contractors responsibility to insure that the streets are in a clean, mud and dust free condition at all times.  The developer and/or contractor shall supply all utility companies with copies of approved plans, advising them that all grading and installation shall conform to approved plans.  Contractors shall notify utilities of proposed construction at least two (2), but not more than ten (10) working days in advance. Area public utilities may be notified thru "Miss Utility": 1-800-552-7001.  The developer or contractor shall supply the county with correct As-Built plans before final acceptance.  All work shall be subject to inspection by Roanoke County.  Field corrections shall be approved by the Roanoke County Engineering Division prior to such construction.  100 year floodway and floodplain information shall be shown where applicable.  Grade stakes shall be set for all curb and gutter, culver, sanitary sewer and storm sewer.  S. Douglas Freeman (Owner), will be the Erosion and Sediment Control Responsible Land Disturber for this project. Certificate Number 14630, Expires 8/22/2005.	d drainage d drainage ed from the ment.  e than 5 indicated in indicated in according one little means of an entering	MERAL NOTES  methods and materials shall conform to the pecifications of Roanoke County.  r developer is required to notify the Roanok on in writing at least three (3) days prior to the fulding, but not limited to the following:  of approved erosion control devices of approved erosion control devices and gutter forms on and gutter forms on and gutter forms on concrete well base roadway surface ster lines on conference should be scheduled with the on conference should be scheduled with the guivision, to be held at least one (1) day ion.  Trol erosion and siltation must be provided plan approval in no way relieves the developed responsibilities contained within the erosion policies.
	NAME OF DEVELOPMENT SPRINGWOOD DEVELOPMENT TRACT  MAGISTERIAL DISTRICT(S) CAVE SPRING  OWNER (name, address, telephone) S214 ELECTRIC ROAD, S.W., SUITE 200  ROANOKE, VA 24018  SPRINGWOOD ASSOCIATES ROANOKE, VA 24018  SPRINGWOOD ASSOCIATES ROANOKE, VA 24018  L. A. GATES COMI ROANOKE, VA 24018  L. A. GATES COMI ROANOKE, VA 24018  L. A. GATES COMI ROANOKE, VA 24018  BLOCK NO(S)  TAX MAP NO(S) 77.13	COUNTY	LEGEND   R   R   R   R   R   R   R   R   R	A minimum cover of three (3) feet is required over proposed lines.  Contractor shall be responsible for locating and uncovering valve vaults after paving and adjustment to final grade if necessary.  All existing utilities may not be shown or may not be shown in the exact location. The contractor shall comply with the State Water Works Regulations, Section 12.05.03, where lines cross.  All trenches in existing or future highway right-of-ways shall be compacted according to V.D.O.T. standards.  Lines shall be staked prior to construction.  Water main shall be minimum Class 52 Ductile Iron in accordance to AWWA C151 or DR-14 PVC in accordance with AWWA C-900.  Availability number: 03-22	A minimum cover of three (3) feet is required over proposed lines.  Contractor shall be responsible for locating and uncovering all manholes after paving. Manhole tops shall be adjusted to grade if necessary.  All existing utilities may not be shown or may not be shown in the exact location. The contractor shall comply with State Water Works Regulations, Section 12.05.03, where lines cross.  House connections are to be made with 4" pipe installed at a minimum grade of 1/4 inch to 1 foot in R/W.  Laterals from manholes shall be PVC or Ductile Iron of sufficient tength to provide two (2) feet of bearing on natural ground. The transition from ductile iron to asbestos cement or concrete pipe shall be made with an adapter coupling in R/W.  All trenches in existing or future rights—of—way shall be compacted according to V.D.O.T. standards.  Lines shall be staked prior to construction.
PROJECT ID NO. 39522.956 DATE: JUNE 30, 2003 SHEET C1 OF 12	ACT "D"  I, DOUGLAS FREEMAN OWNER/DEVELOPER, AM AWARE OF THE SITE DESIGN REQUIREMENTS IMPOSED BY THIS SITE DEVELOPMENT PLAN AND OTHER APPLICABLE COUNTY CODES. I HEREBY CERTIFY THAT AGREE TO COMPLY WITH THESE REQUIREMENTS. UNLESS MODIFIED IN ACCORDANCE WITH LOCAL LAW.  (540) 774-6500 (540) 776-0891 (FAX)  OMPANY (540) 342-8423 24011  (540) 342-8425 (FAX)  PARCEL NO(S)  PARCEL NO(S)		Topographic mapping was provided to L. A. Gates Company by Springwood Associates, L.L.C.  NO. 015110  PROFESSIONAL ENGINEER SEAL AND SIGNATURE	SURVEY INFORMATION  Horizontal and vertical control surveys were performed in (year) 1998 by LUMSDEN ASSOCIATES, P.C.  All elevations must be referenced to the National Geodetic Vertical Datum of 1929.  Source of topographic mapping is AERIAL MAPPING PERFORMED BY P.D.S. dated SEPTEMBER 1998  Boundary was performed by LUMSDEN ASSOCIATES, P.C. dated OCT 2002	ATTION OF THE PARTY OF THE PART