

ITEM	QUANTITY	UNIT	UNIT PRICE	COST	BONDABLE
1. CLEARING AND GRUBBING		L.S.	2000	2000	2,000
2. EROSION		L.S.	8000	8000	8,000
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The contractor methods and materials shall conform to the Construction Standards and Specifications of Roanoke County and/or the Virginia Department of Highways and Transportation.

The contractor or developer is required to notify the Roanoke County Engineering Division in writing at least three (3) days prior to any construction, including but not limited to the following:

- A Installation of approved erosion control devices
- B Clearing and grubbing
- C Segrode excavation
- D Installing storm sewers or culverts
- E Setting curb and gutter forms
- F Placing curb and gutter
- G Placing other concrete
- H Placing gravel base
- I Placing any roadway surface
- J Installing water lines
- K Installing sanitary sewer lines

A preconstruction conference should be scheduled with the Roanoke County Engineering Division, to be held at least one day prior to any construction.

Measures to control erosion and sediment must be provided for prior to plan approval. Plan approval in no way relieves the developer or contractor of the responsibilities contained in erosion and sediment control policies.

A permit must be obtained from the V.D.H.T. Residency Office, Roanoke County, prior to construction in the highway Right-of-Way

Plan approval does not guarantee issuance of any permits by V.D.H.T.

An approved set of plans and all permits must be available at the construction site.

Field construction shall honor proposed drainage divides as shown on plans.

Any unstable material shall be removed from the construction limits of the roadway before placing embankment.

Pavement sections on approved plans are based on a minimum CBR of 10. CBR tests are to be performed by the engineer and submitted to the V.D.H.T. and to the Roanoke County Engineering Division prior to placement. CBR values less than 10 will require revised pavement sections.

All roadside ditches or grades of more than 5% shall be paved with compact concrete to the limits indicated on the plans and as required at the field inspection.

Location of guard rails shall be determined at a joint field inspection by the county and the V.D.H.T.

All springs shall be capped and paved to the nearest storm sewer or the nearest water course and the water shall be 6" min. dia and conform to V.D.H.T. standard SB-1.

Standard street and traffic control signs shall be erected at each intersection by the developer prior to final street acceptance.

Construction debris shall be containerized in accordance with the Virginia Litter Control Act. No less than one litter receptacle shall be provided on site.

The contractor shall provide adequate means of cleaning mud from trucks and/or other equipment prior to entering public streets. It is the contractors responsibility to insure that the streets are in a clean, mud free condition at all times.

The developer and/or contractor shall supply all utility companies with copies of approved plans, indicating them at all grading and installation shall conform to approved plans.

Contractors shall notify utilities of proposed construction at least two, but not more than ten working in advance. Area public utilities may be notified thru Miss Utility. (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 and/or V.D.H.T. inspectors.

Field corrections shall be approved by the Roanoke County Engineering Division for any construction 100 year floodway and flood plain shall be shown where applicable

Grade stakes shall be set for all curb & gutter, culvert, sanitary sewer and storm sewer.

Horizontal and vertical control surveys were performed in year 1978
by BURDOP T. LUMSDEN & ASSOCIATES, P.C.

All elevations must be referenced to the National Geodetic Vertical Datum of 1929

Source of topographic mapping is AERIAL PHOTOGRAPHY
dated 1978

Boundary survey was performed by BURDOP T. LUMSDEN & ASSOCIATES, P.C.
dated SEPT 1978

The professional seal and the signature below certifies the boundary survey and topographic mapping to be accurate and correct.

A minimum cover of Three (3) feet is required over proposed lines.

Contractor shall be responsible for locating and uncovering water vaults after paving and adjustment to final grade if necessary.

All existing utilities may not be shown or may not be shown the exact location. The contractor shall comply with 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 VDM & T standards.

Lines shall be staked prior to construction

Water mains shall be class 50mm, ductile iron pipe.

A minimum cover of three(3) feet is required over uncovered lines.

Contractor shall be responsible for locating and proposing all manholes after paying Manhole notes 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 Resources Regulations, Section 12.05.03, which 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.

Lateral from manholes shall be PVC or Ductile Iron of sufficient length to provide two (2) feet of baring on natural ground. The transition from ductile iron to asbestos cement pipe shall be made with an adapter coupling in R/W.

All trenches in existing or future highway right of ways shall be compacted according to V.D.H.B.T. standards.

Lines shall be staked prior to construction.

Diagram illustrating a proposed drainage system layout. The diagram shows various property lines and easements, including the Minimum Building Line (M.B.L.), Right-of-way, Centerline, and various easements (Eas't storm sewer, Eas't sanitary sewer, Eas't water main, Eas't contour, Prop. contour, Prop. drainage divide, Prop. limits of clearing, Prop. storm sewer, Prop. sanitary sewer, Prop. water main). The layout includes a 24" S.D. (Sanitary Drain) pipe, an 8" S.D. (Sanitary Drain) pipe, and a 4" W (Water) pipe. Key features include a VALVE, a BLOWOFF, and a 10' W.B.M.T. (Water Main Manhole) at the bottom center. The diagram also shows a 10' S.D. (Sanitary Drain) pipe and a 10' W (Water) pipe. The layout is divided into sections by a diagonal line, with labels like 'ID45' and 'ID40' indicating specific points or sections.



NAME OF DEVELOPMENT	CANTERBURY PARK, SECTION #3		
MAGISTERIAL DISTRICT(S)	CAVE SPRING MAGISTERIAL DISTRICT		
OWNER (name, address, telephone)	BOONE, BOONE & LOEB, INC.		
DEVELOPER (name, address, telephone)	SAME		
ENGINEER, ARCHITECT OR SURVEYOR (name, address, phone)	BUFORD T. LUMSDEN & ASSOCIATES, P.C.		
TAX MAP NO(S)	8607	BLOCK NO(S)	1
		PARCEL NO(S)	3

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