GENERAL NOTES

All construction methods and materials shall conform to the Construction Standards and Specifications of Roanoke County and/or the Western Virginia Water Authority and Department of 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. Subgrade 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 pre-construction conference should be scheduled with the Roanoke County Engineering Division, to be held at least one (1) day prior to any construction.

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

A permit must be obtained from the V.D.O.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.O.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

All unsuitable 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 V.D.O.T. and to the Roanoke County Engineering Division prior to placement. CBR values < 10 will require revised pavement sections.

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

Location of quard rails shall be determined at a joint field inspection by the County and V.D.O.T.

All springs shall be capped and piped to the nearest storm sewer or natural watercourse. The pipe shall be 6 inch minimum diameter and conform to V.D.O.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

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 and dust free condition at all times.

Virginia Litter Control Act. No less than one litter receptacle

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 and the Western Virginia Water Authority with correct As—Built plans before final acceptance.

All work shall be subject to inspection by Roanoke County, the Western Virginia Water Authority and V.D.O.T. inspectors.

Field corrections shall be approved by the Roanoke County Engineering Division and/or the Western Virginia Water Authority prior to such construction.

100 year floodway and floodplain information shall be shown where Grade stakes shall be set for all curb and gutter, culvert, sanitary

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SEWER NOTES

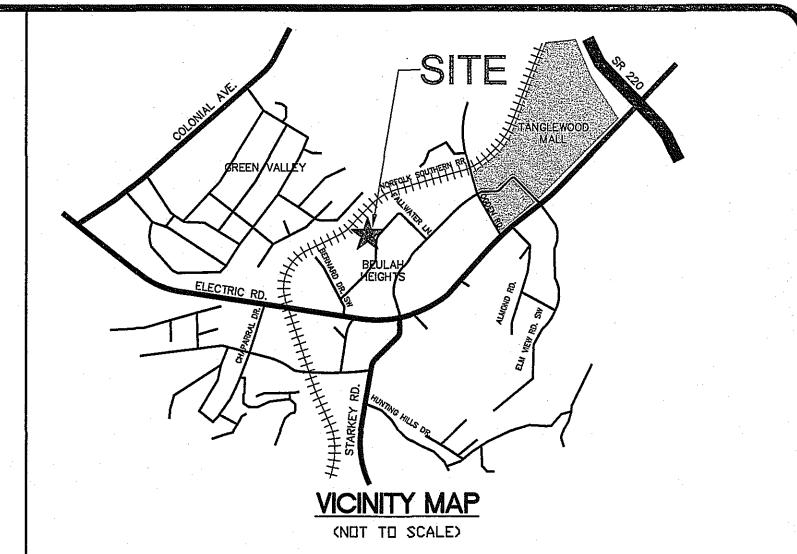
All sanitary sewer facilities shall be installed according to the Western Virginia Water Authority Design and Construction Standards. (Latest Edition).

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 their exact location. The contractor shall comply with (State Water Works Regulations, Section 12.05.03, where lines cross.)

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.



WATER NOTES

All water facilities shall be installed according to the Western Virginia Water Authority Design and Construction Standards/ (Latest Edition).

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 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 350 Ductile Iron in accordance to AWWA C151 or DR-14 PVC in accordance with AWWA C-900.

Ductile Iron Pipe in accordance with the Western Virginia Water Authority Design and Construction Standards shall be required for all pipe with a

Availability letter number <u>NOT APPLICABLE (EXISTING)</u>

working pressure equal to or greater than 100 p.s.i.

LEGEND

Property Line		P		
Right-of-way				
Centerline	·	—— <u>e</u> ——		
Minimum Building Line		<u>M.B.L.</u>		
Existing Storm Sewer	18" S.D			
Existing Sanitary Sewer	=====8" SAN.===	_	=8" SAN.====	
Existing Water Main	4" W		—4" W—— ——	
Existing Contour		— —1045— —		
Proposed Contour		1045 		
Proposed Drainage Divide				
Proposed Limits of Clearing		· ·	_ `	
Proposed Storm Sewer		24" S.D.		
Proposed Sanitary Sewer		8* M.H.		
Dropond Water Main				

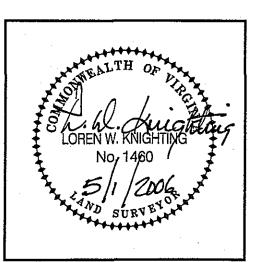
SURVEY INFORMATION

Horizontal and vertical control surveys were performed in (year) 2006 by DRAPER ADEN ASSOCIATES

- All elevations must be referenced to the National Geodetic Vertical Datum of 1929. ELEVATIONS BASED ON EXISTING SITE BENCHMARKS PROVIDED BY OTHERS. Source of topographic mapping is TOPOGRAPHIC SURVEY BY DRAPER ADEN ASSOCIATES dated FEBRUARY 10, 2006

Boundary was performed by COMPILATION dated FEBRUARY 10, 2006

The professional seal and signature below certifies the boundary survey and topographic



PROFESSIONAL SEAL AND SIGNATURE

_ PARCEL NO(S) ____34

COUNTY PLANNER

COUNTY OF ROANOKE

NAME OF DEVELOPMENT

MAGISTERIAL DISTRICT(S)

COX COMMUNICATIONS RENOVATIONS AND ADDITIONS

BLOWOFF /

HYDRANT VALVE /

COX COMMUNICATIONS BARBARA RUBERTSON OWNER (name, address, telephone) 5400 FALLOWATER LANE PHONE: (540) 777-7376 FAX: (540) 776-8360 ROANOKE, VA 24036

CAVE SPRINGS

DEVELOPER (name, address, telephone) SAME AS ABUVE

ENGINEER, ARCHITECT OR SURVEYOR (name, address, telephone)

DRAPER ADEN ASSOCIATES
2206 SOUTH MAIN STREET PHONE: (540) 552-0444
BLACKSBURG, VA 24060 FAX: (540) 552-0291

BLOCK NO(S) 01

SHEET 2 OF 19

PAGE C7 **APPROVED:** 9/13/2006

OWNER/DEVELOPER, AM AWARE

OF THE SITE DESIGN REQUIREMENTS IMPOSED BY

THIS SITE DEVELOPMENT PLAN AND OTHER APP-

LICABLE COUNTY CODES. I HEREBY CERTIFY THAT I AGREE TO COMPLY WITH THESE REQUIREMENTS.

UNLESS MODIFIED IN ACCORDANCE WITH LOCAL LAW.

COUNTY ENGINEER DATE

DRAWING TITLE

MARCH 14, 2006

ROANOKE COUNTY

COVER SHEET

MENU

CADD VERSION 2006 PLOT SCALE PLOT DATE May 01, 2006

COMM NO. DRAWING NO.

-:\B05\300\B05326\B05326-02\CAD\326-02DES\dwg\B05326-02 - SITE PLAN.dwg May 01, 2006 4:42pm

COMM. NO. 5515.00 DRAWING

Blacksburg, VA 24060

540-552-0444 Fax: 540-552-0291

PROJECT TITLE

COMMUNICATIONS ADDITIONS

SFCS Inc. • 305 South Jefferson Street

: STEVEN P. SOUPIR, P.E.

3/14/06 4/06/06

: SPS

: SPS

: CAH REVISION DESCRIPTION

COX COMMUNICATIONS

ROANOKE COUNTY, VIRGINIA

Roanoke, Virginia 24011.2003

www.sfcs.com

PROJECT DESIGNER PROJECT ARCHITECT

PROJECT ENGINEER

DESIGNED BY

CHECKED BY

DRAWN BY

540.344.6664 • Fax 540.343.6925

Charlottesville, VA

Hampton Roads, VA

KEYPLAN