

## PRE-CONSTRUCTION MEETING AND CONSTRUCTION COMMENCEMENT:

- VIRGINIA DEPARTMENT OF TRANSPORTATION:

- See Sheet C4 & C6 for Stormwater Site Statistics Table.  
See Sheet C4 & C6 for New BMP Information Table.

The Project Engineer shall provide electronic copies of the approved plans to the Development Review Coordinator within 5 working days of the pre-construction meeting.

The notes on this sheet shall not be modified.



\*NOTE: THIS COST ESTIMATE TABLE IS PROVIDED FOR BONDING PURPOSES ONLY. VERIFICATION OF ALL QUANTITIES AND PRICES FOR BIDDING PURPOSES SHALL BE THE RESPONSIBILITY OF THE BIDDER.\*

[illegible]

All water facilities shall be constructed according to the Western Virginia Regional 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 their exact location. The contractor shall comply with the (State Water Works Regulations, Section 12VAC5-590-110), where lines cross.

All trenches in existing or future highway right-of-ways shall be compacted according to Virginia Department of Transportation 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 Regional Design and Construction Standards shall be required for all pipe with a working pressure equal to or greater than 100 p.s.i.

Western Virginia Water Authority  
Availability letter number: 18-137



All sanitary sewer facilities shall be installed according to the Western Virginia Regional 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 in their exact location. The contractor shall comply with (State Water Works Regulations, Section 12VAC5-590-1150, where lines cross.)

All trenches in existing or future rights-of-way shall be compacted according to Virginia Department of Transportation standards.

Lines shall be staked prior to construction.

Underground utilities installed on private property or in private utility easements and building related storm drains shall be designed and installed per the current edition of the Virginia Uniform Statewide Building Code. Design and installation requirements issued by the Western Virginia Water Authority that meet or exceed the USBC requirements are acceptable for private utilities. All private utilities are to be permitted through and inspected by the Roanoke County Inspections Office. Vaults, valves and other devices installed by or under the control of the Western Virginia Water Authority may not substituted for the code required devices.

C1	COVER SHEET
C2	OVERALL PROPERTY MAP
C3	OFF-SITE S.S. EXTENSION PLAN
C4	BASE BID LAYOUT & UTILITY PLAN
C4A	BASE BID GRADING & ESC PLAN
C5	OMITTED
C5A	OMITTED
C6	ESC NOTES
C7	ESC DETAILS
C8	ROAD PROFILE & DETAILS
C9	SANITARY SEWER PROFILES
C10	STORM PROFILES & DETAILS
C11	NOTES & DETAILS
C12	WESTERN VIRGINIA REGIONAL DETAILS
C13	SIGHT DISTANCE PLAN
C14	MAINTENANCE OF TRAFFIC PLAN

Horizontal and vertical control surveys were performed in year: 2018  
By: BALZER AND ASSOCIATES, INC.

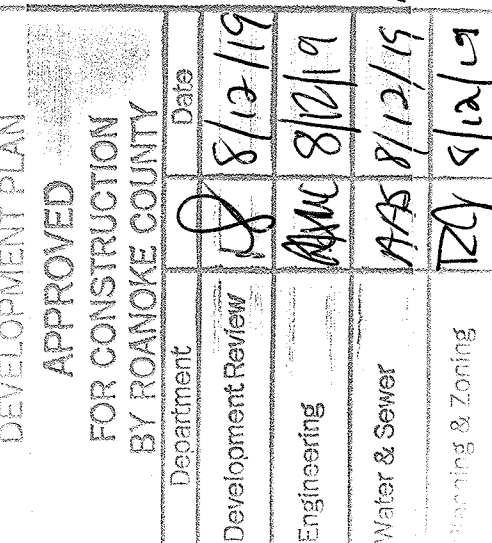
All vertical elevations must be referenced to the National Geodetic Vertical Datum of 1929 or 1988  
All horizontal elevations must be referenced to the North American Datum of 1927 or 1983.

Horizontal Datum: VA STATE PLANE, NAD83 Vertical Datum: NAVD88

Source of topographic mapping is dated 2018  
DRAPER AND ASSOCIATES 2018 AND  
Boundary was performed by BALZER & ASSOCIATES, INC. dated: 2018

Benchmark Information: AS SHOWN ON PLAN SHEETS

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



**WOOD HAVEN TECHNOLOGY PARK  
INFRASTRUCTURE IMPROVEMENTS**

**WOOD HAVEN ROAD  
CATAWBA DISTRICT  
ROANOKE COUNTY, VIRGINIA**

SHEET No.:

# C1

OB No.: 04180095.00

