### **GENERAL NOTES**

PRE-CONSTRUCTION MEETING AND CONSTRUCTION COMMENCEMENT:

- flormwater Management Agreements with an attached 8 1/2" x 11" or 8 1/2" x 4" plat must be approved and recorded prior to the pre-construction meeting.
- 14° plat must be approved aird recorded prior to the pre-construction meeting.

  Onco all required from are substituted for Storneice County, the developer must contact the Development Review Coordinator to indicate that a pre-construction of the Development Review Coordinator to indicate that a pre-construction with the committeement proper storney of the storney
- It is the responsibility of the owner/developer to notify the certified Responsible Land Disturber and the Utility Contractor to attend the pre-construction meeting.
- An approved set of plans, Storm Water Pollution Prevention Plan (SWPPP), VSMP coverage letter, and all permits must be available at the construction site at all times
- The project engineer will inform the owner/developer verbally and in writing of the County's obligation to perform inspections on site. Everyone in the meeting will be required to sign a pre-construction checklist indicating their knowledge of Roenoke County's obligation to perform inspections on site.
- The Erosion Control Permit or Combined Erosion Control & VSMP Permit is given to the developer at this pre-construction meeting.
- the ceveroper at time processituation meeting.

  Notify Roanoke Courty prior to beginning installation of ESC measures. The County will inspect initial installations to ensure compliance with approved plan prior to start of grading. The developer SHALL contact the project inspector 24 hours before beginning any grading or construction on the property.
- Il work shall be subject to inspection by Roanoke County, the Western Virginia Water authority and the Virginia Department of Transportation Inspectors.
- 15. The 100 year Floodway shall be staked prior to any construction
- Grade stakes shall be set for all curb and gutter, culvert, sanitary sewer and storm sewer at all times of construction.
- Construction debris shall be containerized in accordance with the Virginia Litter Control Act. No less than one litter receptacte shall be provided on site.

- The developer or contractor shall supply the County and the Western Virginia Water Authority with correct As-Built plans before final acceptance.

### VIRGINIA DEPARTMENT OF TRANSPORTATION:

- Plan approval by Roanoke County does not guarantee issuance of any permits by the Virginia Department of Transportation.
- A permit must be obtained from the Virginia Department of Transportation, Salem Residency Office prior to construction in the highway right-of-way.
- Residency Office prior to construction in the highway right-cl-way. The preferring represented designs should be based on a producted sub-grade CBR value of 7.0 and with a Residency Factor (RF) of 2.0 as shown in the current edition of the Vergina's Department of Transportation Perviewent Designs Quide for Subdivision of the Vergina's Department of Transportation Perviewent Designs Quide for Subdivision laboratory and the results submitted to the Virginia Department of Transportation prior to base construction. Should the sub-grade CBR value and the RF Verlade be less than the predicted values, additional base material will be required in accordance with of the required soil amagine to be tested. All powerment designs at the submitted to the Department for review analyses to the select. All powerment designs at the submitted to the Department of Transportation point to Indexed shall be approved by the Virginia Department of Transportation point to Indexed the Pervision of Verginia Department of Transportation point for Indexed the Verginia Department of Transportation point Compaction before the surface is applied.

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



# COUNTY OF ROANOKE, VA

MOUNT PLEASANT LIBRARY SEWER EXTENSION NAME OF DEVELOPMENT MAGISTERIAL DISTRICT(S) VINTON I HEREBY CERTIFY THAT I AGREE TO COMPLY WITH THESE REQUIREMENTS SHO ON THIS COVER SHEET UNLESS MODIFIED IN ACCORDANCE WITH LOCAL LAW. OWNER (name, address, telephone) COUNTY OF ROANOKE DEVELOPER (name, address, telephone) ROANOKE COUNTY GENERAL SERVICES ENGINEER ARCHITECT OR SURVEYOR (name, address, telephone)

DEPARTMENT OF DEVELOPMENT SERVICES TAX MAP NO(S) TAX# 079.01-04-22.00 PRIVATE UTILITIES

#### WATER AND SEWER NOTES

- 1. All construction methods and materials shall conform to the latest edition of the Design and Construction Standards and Specifications of the Western Wrights Water authority of 50-835-3700. The project chall also comply with the governing jurisdiction's standards and other agency standards (e.g. VDOT, DEQ, DCR, VDH, etc.) where applicable.
- All existing utilities may not be shown in their exact locations. The contractor shall notify
  Miss Utility and shall verify location and elevation of all underground utilities in the areas
- 4. Please show all WVWA water and sewer utilities on any development plan
- 5. The location of existing utilities across or along the time of proposed work are not necessarily shown on the plans and where shown are only approximately correct. The contractor shall profice an encessary. The contractor shall be proficed an encessary. The contractor shall be responsible for any damage by underground structures. All damage incurred to existing utilities during construction shall be required at the contractor's openee.

- All utility grade adjustments shall be in accordance with WVWA standards and are the responsibility of the contractor.
- Field changes shall be submitted by the engineer of record to the locality and approved by the WVWA.



	LEGEN	D P				
Property Line						
Right-of-way	R/W					
Centerline	CL					
Minimum Building Line						
Existing Storm Sewer		-11				
Existing Sanitary Sewer		-и-О-и-				
Existing Water Main	v	_vv				
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.				
Proposed Water Main	HYDRANT, 1					

PR #:	NOTES:			
100				
	Revision Table			

#### Sheet Index

- 1 COUNTY COVER SHEET
- 3 WVWA DETAILS
- 4. TRAFFIC CONTROL PLAN & DETAILS
- 5 FROSION & SEDIMENT CONTROL PLAN
- 6. EROSION & SEDIMENT CONTROL NARRATIVE

## SURVEY INFORMATION

Horizontal and vertical control surveys were performed in year: 2020

By; W.V.W.A (TOTAL STATION & RTK GPS EQUIP.) Horizontal Datum: 1983 NAD83 (2011) Vertical Datum: 1988 (NAVD 88) Source of topographic mapping is dated November 2014
VITA contract with SANBORN
VITA contract vith SANBORN
1975 Jamborece Drive, Suite 100
Colorado Springs, Co. 89920
Ph # (865-726-2576

Roundary was performed by RECORDS & SURVEY dated: SPOT CHECKED AUG, 2021 BY RKE, CO Benchmark Information: POINT #2111 & #2112. SET IN FIELD AND SHOWN ON PLANS.

ITEM CLEARING AND GRUBBING	QUANTITY	UNIT	UNIT PRICE	COST	BONDABI
		AC			
EXCAVATION		C.Y.			
EMBANKMENT		C.Y.			
CURB INLET DI-		EA			
CURB INLET DI-		EA			
OND RELIGIO					
	-				-
MANHOLE MH-	-	EA		-	
	-				
MANHOLE MH-		EA			
-IN. CONCRETE PIPE, CLASS III		LF			
-IN. CONCRETE PIPE, CLASS IV		LF			
-IN. C.M. CULVERT		LF			
-IN. C.M. CULVERT		LF			
	-				
BOX CULVERT					
BUA GULYERI		LS		-	
PAVED SWALE		LF			
DOC CULVERT  PANED SWALE  RIPPARCLASS  RIPPARCLASS  AN END SECTION ES-  AN END SECTION ES-  NECCET COURS & GUTTER CO- CUURS & GUTTER CG- VALEY GUTTER CG- V		8F		_1	
				0	-
PERMANENT GRASS SWALE		LF		1	
-IN. CONCRETE ENDWALL EW-		FA	4	-	
			11		
		41			_
-IN. END SECTION ES-		0	-		
-INCEND SECTION ES-	0	EA			
	AV				
HEADER CURB & GUTTER CG-		LF			
CURB & GUTTER CG-		LF			
VALLEY GUTTER		EA			
GRAVEL BASE		SY	1000		
GRAVEL SHOULDER		SY			
SURFACE TREATMENT		SY			
-IN. BIT. CONC.: TYPE B-		SY		Carlo Carlo	
-IN. BIT. CONC.: TYPE S-		SY			
-IN. BASE MATERIAL		G.Y.			
-IN. SUBBASE MATERIAL		C.Y.			
THE SUBBRIGE MATERIAL		U.T.			
TRAFFIC BARRICADE					
TRAFFIC BARRICADE		EA			
8" WATER LINE		LF			
6" WATER LINE		LF			
FIRE HYDRANT ASSEMBLIES		EA			
BLOW OFFS W VAULT, FRAME & COVER		EA			
-IN. GATE VALVES, W/ VAULT, FRAME & COVER		EA			
-IN. GATE VALVES, W VAULT, FRAME & COVER		EA			
				-	
		15			
6" SANITARY SEWER		UF			
6' SANITARY SEWER					
6' SANITARY SEWER STANDARD MANHOLE WIFRAME & COVER		EA			
6' SANITARY SEWER STANDARD MANHOLE WIFRAME & COVER					
O' SANITARY SEWER STANDARD MANIFOLE WIFRAME & COVER SAMPLING MANIFOLEPORT		EA EA			
O' SANITARY SEWER STANDARD MANIFOLE WIFRAME & COVER SAMPLING MANIFOLEPORT		EA	·		
EF SANTARY SEWER  STANDARD MANIFALE WIFFAME & COVER  SAMPLAG MANIFALE PORT  LANDSCAPING		EA EA			
EF SANTARY SEWER  STANDARD MANIFALE WIFFAME & COVER  SAMPLAG MANIFALE PORT  LANDSCAPING		EA EA			
EF SANTARY SEWER  STANDARD MANIFALE WIFFAME & COVER  SAMPLAG MANIFALE PORT  LANDSCAPING		EA EA			
EF SANTARY SEWER  STANDARD MANIFALE WIFFAME & COVER  SAMPLAG MANIFALE PORT  LANDSCAPING		EA EA			
S' SANITARY SEWER STANDARIO MANNOLE WITHOME & COVER SAME AND MANNOLE WITHOME & COVER LANDSCAPING AMENITIES (INCLUDING BUT NOT LIMITED TO TRALE, ETC)		EA EA			
S' SANITARY SEWER STANDARIO MANNOLE WITHOME & COVER SAME AND MANNOLE WITHOME & COVER LANDSCAPING AMENITIES (INCLUDING BUT NOT LIMITED TO TRALE, ETC)		EA EA LS			
STANSTARY SEWER  STANDARD MAYNCLE WIFFORME & COVER  SAME AND MAYNCLE FORT  LANDSCAPING  AMENITES (INCLUDING BUT NOT LIMITED TO TRAILS, ETC		EA EA LS LS			
P SANTARY SEWER  STANDARD MANIFALE WIFFARE & COVER  SAMPLAG MANIFALE PORT  LANDSCAPPAG  AMENITIES (INCLUDING BUT NOT LIMITED TO TRAILS, ETC)  STORMMATER MANAGEMENT  AS-BULL FRANS (STORM SEWER SYSTEMS)		EA EA LS LS LS			
EF SANITARY SEWER  STANDARD MANNICLE SWIFMAME & COVIER  SAMPLING MANNICLE FORT  LANGSCAPING  AMERITES (INCLUDING SUIT NOT LIMITED TO TRAILS, ETC)  STORMANTES MANAGEMENT  AS-BRILLY FLANS (STORM SEWER SYSTEMS)  AS-BRILLY FLANS (STORM SEWER SYSTEMS)		EA EA LS LS			
EF SANITARY SEWER  STANDARD MANNICLE SWIFMAME & COVIER  SAMPLING MANNICLE FORT  LANGSCAPING  AMERITES (INCLUDING SUIT NOT LIMITED TO TRAILS, ETC)  STORMANTES MANAGEMENT  AS-BRILLY FLANS (STORM SEWER SYSTEMS)  AS-BRILLY FLANS (STORM SEWER SYSTEMS)		EA EA LS LS LS			
EF SANITARY SEWER  STANDARD MANNICLE SWIFMAME & COVIER  SAMPLING MANNICLE FORT  LANGSCAPING  AMERITES (INCLUDING SUIT NOT LIMITED TO TRAILS, ETC)  STORMANTES MANAGEMENT  AS-BRILLY FLANS (STORM SEWER SYSTEMS)  AS-BRILLY FLANS (STORM SEWER SYSTEMS)		EA EA LS LS LS			
		EA EA LS LS LS			
EF SANITARY SEWER  STANDARD MANNICLE SWIFMAME & COVIER  SAMPLING MANNICLE FORT  LANGSCAPING  AMERITES (INCLUDING SUIT NOT LIMITED TO TRAILS, ETC)  STORMANTES MANAGEMENT  AS-BRILLY FLANS (STORM SEWER SYSTEMS)  AS-BRILLY FLANS (STORM SEWER SYSTEMS)		EA EA LS LS LS			

**QUANTITY & COST ESTIMATE** 





**APPROVED** 

5204 Bernard Drive P.O. Box 29800 Roanoke, Virginia 24018 Office: (540) 772-2083 Fax: (540) 776-7155 E-MAIL: dhenderson@roar

DEVELOPMENT SE OKE

Sewer Extension
Roanoke County General Services
2914 Jae Valley Road, rte. 116
County of Roanoke, Virginia ≥

> SHEET OF

BY SEALING THE PLANS, THE DESIGN PROFESSIONAL HEREBY CERTIFIES THAT THE FOREGOING ESTIMATE REFLECTS THE CURRENT IMPROVEMENT COSTS OF THIS PROJECT.