

PRE-CONSTRUCTION MEETING AND CONSTRUCTION COMMENCEMENT:

- VIRGINIA DEPARTMENT OF TRANSPORTATION:**

See Sheet C-113 for Stormwater Site Statistics Table.
See Sheet C-113 for New BMP Information Table.

The notes on this sheet shall not be modified



WATER NOTES

Western Virginia Water Authority
Availability letter number: 15-182



PRIVATE UTILITIES

Sheet	Description	Sheet	Description
T-01	Title Sheet	D-101	Construction Details
C-01	Existing Conditions	D-102	Construction Details
C-02	Grading & Sediment Control Phase I	D-103	Construction Details
C-03	Erosion & Sediment Control Phase II	D-104	Construction Details
C-04	Demo	D-105	Construction Details
C-05	Construction Logistics Layout	D-106	Construction Details
C-06	Grading Plan	D-107	Construction Details
C-07	Grading & Sediment Control Phase III	D-108	Stormwater Analysis
C-08	Proposed Site Plan	D-109	Stormwater Analysis
C-08	Proposed Stormwater Utilities	D-110	Stormwater Analysis
C-09	Proposed Storm Water Plan & Profile	L-101	Landscape Plan
C-10	Proposed Storm Water Plan & Profile	L-102	Landscape Details
C-11	Proposed Storm Water Plan & Profile	E-401	Site Lighting Plan
C-11	Proposed Utility Plan	E-402	Site Lighting Photometrics
C-112	Proposed Domestic Water & Sanitary Sewer	A-101	Annotation Plan
C-113	VIRIM Area Designation		
C-113.1	Existing Conditions Sols Map		
C-113.2	Proposed Conditions Sols Map		
C-113.3	Site Summary		
C-115	Exhibit "A"		
C-116	Stocked Parking		
C-117	Overall Onsite Drainage Maps		
C-118	Drainage Maps for Proposed Site		
C-119	Time of Concentration for Propose Site		
C-120	Grille Drainage		
C-120.1	Upstream Drainage from Discharge Points		
C-121	Drainage Maps for E&S		

SURVEY INFORMATION

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

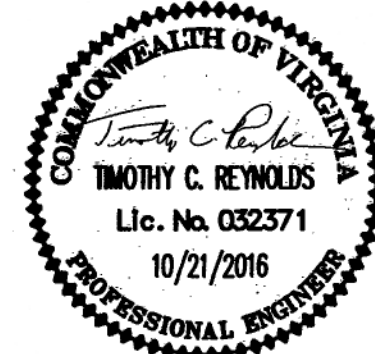
QUANTITY & COST ESTIMATE

ITEM	QUANTITY	UNIT	UNIT PRICE	COST	BONDABLE
CLEARING AND GRUBBING	2.14	AC	\$1,000.00	\$2,140.00	
EXCAVATION	5,200	C.Y.	\$4.00	\$20,800.00	
EMBANKMENT		C.Y.			
CURB INLET DI-3	9	EA	\$2,000.00	\$18,000.00	
CURB INLET DI-7	5	EA	\$2,000.00	\$10,000.00	
MANHOLE MH-1	9	EA	\$2,000.00	\$18,000.00	
MANHOLE MH+		EA			
-18 IN. CONCRETE PIPE, CLASS III	22	LF	\$34.00	\$748.00	
-30 IN CONCRETE PIPE, CLASS IV	109	LF	\$100.00	\$10,900.00	
-24 IN. HDPE		LF			
-18 IN. HDPE	773	LF	\$18.00	\$13,914.00	
-10 IN. SDR-35		LF			
-6 IN. SDR-35	70	LF	\$18.00	\$1,260.00	
-IN. C.M. CULVERT		LF			
-CONCRETE ENCASEMENT	1	LS	\$5,000.00	\$5,000.00	
BOX CULVERT		LS			
PAVED SWALE		LF			
RIPRAP - CLASS A-I		SF			
PERMANENT GRASS SWALE		LF			
-IN. CONCRETE ENDWALL. EW-		EA			
-IN. END SECTION ES-		EA			
HEADER CURB & GUTTER CG-		LF			
CURB & GUTTER CG-12	2,350	LF	\$20.00	\$47,000.00	
VALLEY GUTTER		EA			
GRAVEL BASE	660	SY	\$17.00	\$11,220.00	
GRAVEL SHOULDER		SY			
SURFACE TREATMENT		SY			
-IN. BIT. CONC.: TYPE B-		SY			
-2 IN. BIT. CONC: TYPE SM-9.5D		SY			
-8 IN. BASE MATERIAL		SY			
-IN. SUBBASE MATERIAL		C.Y.			
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			
6" SANITARY SEWER SDR-26	200	LF	\$17.00	\$3,400.00	
STANDARD MANHOLE W/FRAME & COVER		EA			
SAMPLING MANHOLE/PORT		EA			
LANDSCAPING	1	LS	\$30,000.00	\$30,000.00	
AMENITIES (INCLUDING BUT NOT LIMITED TO TRAILS, ETC...)	1	LS	\$20,000.00	\$20,000.00	
AS-BUILT PLANS (STORM SEWER SYSTEMS)	1	LS	\$2,000.00	\$2,000.00	
AS-BUILT PLANS (STORMWATER MANAGEMENT)	1	LS	\$2,000.00	\$2,000.00	
SUB-TOTAL				\$216,382.00	
10% CONTINGENCY				\$21,638.00	
ESTIMATED TOTAL				\$238,020.00	

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



Reynolds-Clark Development, INC.



APPROVED



DEVELOPMENT PLAN		
APPROVED		
FOR CONSTRUCTION		
BY ROANOKE COUNTY		
Project/Item	Review	Date
Environmental Review	AG	10/31/16
Engineering	AG	10/31/16
Water & Sewer	W	11/6/16
Planning & Zoning	Z	10/31/16

New Facility for

Valleystar Credit Union
BUCK MOUNTAIN ROAD
ROANOKE COUNTY, Virginia

SHEET
1
OF
45

AS-Built - Per Plan - Inspector: Brian Whitenack
2/7/17