

PROJECT INFORMATION

RETREAT AT TIMBERRIDGE FILING NO. 1	6/9/2020	SF-19-009
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS							
Dual Multi-plate Steel Arch Culverts, Size (24' x 10'- 3")	2	EA	\$150,000.00	=	\$ 300,000.00		\$ 300,000.00
18" Reinforced Concrete Pipe	135	LF	\$ 65.00	=	\$ 8,775.00		\$ 8,775.00
24" Reinforced Concrete Pipe	1,325	LF	\$ 78.00	=	\$ 103,350.00		\$ 103,350.00
30" Reinforced Concrete Pipe	275	LF	\$ 97.00	=	\$ 26,675.00		\$ 26,675.00
36" Reinforced Concrete Pipe	740	LF	\$ 120.00	=	\$ 88,800.00		\$ 88,800.00
42" Reinforced Concrete Pipe	665	LF	\$ 160.00	=	\$ 106,400.00		\$ 106,400.00
48" Reinforced Concrete Pipe	600	LF	\$ 195.00	=	\$ 117,000.00		\$ 117,000.00
54" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 288.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 332.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 380.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 84.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 96.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 122.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 147.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 168.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 178.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 260.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 280.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 340.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 400.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 460.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 550.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = <i>(unit cost = 6x pipe unit cost)</i>	3	EA	\$ 800.00	=	\$ 2,400.00		\$ 2,400.00
Flared End Section (FES) CSP Size = <i>(unit cost = 6x pipe unit cost)</i>		EA		=	\$ -		\$ -
End Treatment- Headwall (Arch Culverts)	2	EA	\$ 8,000.00	=	\$ 16,000.00		\$ 16,000.00
End Treatment- Wingwall (Arch Culverts)	2	EA	\$ 12,000.00	=	\$ 24,000.00		\$ 24,000.00
End Treatment - Headwall (Pipe Outlets)	5	EA	\$ 1,200.00	=	\$ 6,000.00		\$ 6,000.00
Curb Inlet (Type R) L=5', Depth < 5'	2	EA	\$ 5,542.00	=	\$ 11,084.00		\$ 11,084.00
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,188.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 10' ≤ Depth < 15'		EA	\$ 8,345.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', Depth < 5'	3	EA	\$ 7,627.00	=	\$ 22,881.00		\$ 22,881.00
Curb Inlet (Type R) L=10', 5' ≤ Depth < 10'		EA	\$ 7,861.00	=	\$ -		\$ -
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'		EA	\$ 9,841.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', Depth < 5'		EA	\$ 9,918.00	=	\$ -		\$ -
Curb Inlet (Type R) L=15', 5' ≤ Depth < 10'	3	EA	\$ 10,633.00	=	\$ 31,899.00		\$ 31,899.00
Curb Inlet (Type R) L=15', 10' ≤ Depth < 15'		EA	\$ 11,627.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 10,570.00	=	\$ -		\$ -
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 11,667.00	=	\$ -		\$ -
Grated Inlet (Type C) RG Outlet Depth < 5'	1	EA	\$ 4,640.00	=	\$ 4,640.00		\$ 4,640.00
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,731.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base	5	EA	\$ 11,627.00	=	\$ 58,135.00		\$ 58,135.00
Storm Sewer Manhole, Slab Base	5	EA	\$ 6,395.00	=	\$ 31,975.00		\$ 31,975.00
Geotextile (Erosion Control)		SY	\$ 6.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"	870	Tons	\$ 80.00	=	\$ 69,600.00		\$ 69,600.00
Rip Rap, Grouted		Tons	\$ 95.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 570.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap	660	CY	\$ 112.00	=	\$ 73,920.00		\$ 73,920.00
Drainage Channel Lining, Grass		AC	\$ 1,469.00	=	\$ -		\$ -
Drainage Channel Lining, Sheet Pile Check Structures	485	LF	\$ 200.00	=	\$ 97,000.00		\$ 97,000.00
Permanent Pond/BMP (EDB)	2	EA	\$ 50,000.00	=	\$ 100,000.00		\$ 100,000.00
Permanent Pond/BMP (RG)	1	EA	\$ 25,000.00	=	\$ 25,000.00		\$ 25,000.00
Section 2 Subtotal					=	\$ 2,578,190.00	\$ 2,578,190.00

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Project Name	Date	PCD File No.

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					% Complete	Remaining
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**						
ROADWAY IMPROVEMENTS						
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)						
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
				= \$	-	\$ -
WATER SYSTEM IMPROVEMENTS						
Water Main Pipe (PVC), Size 8"	4,550	LF	\$ 64.00	= \$	291,200.00	\$ 291,200.00
Water Main Pipe (PVC), Size 12"	4,300	LF	\$ 75.00	= \$	322,500.00	\$ 322,500.00
Gate Valves, 8"	30	EA	\$ 1,858.00	= \$	55,740.00	\$ 55,740.00
Fire Hydrant Assembly, w/ all valves	12	EA	\$ 6,597.00	= \$	79,164.00	\$ 79,164.00
Water Service Line Installation, inc. tap and valves	59	EA	\$ 1,324.00	= \$	78,116.00	\$ 78,116.00
Fire Cistern Installation, complete		EA		= \$	-	\$ -
				= \$	-	\$ -
<i>[insert items not listed but part of construction plans]</i>				= \$	-	\$ -
SANITARY SEWER IMPROVEMENTS						
Sewer Main Pipe (PVC), Size 8"	9,450	LF	\$ 64.00	= \$	604,800.00	\$ 604,800.00
Sanitary Sewer Manhole, Depth < 15 feet	36	EA	\$ 4,386.00	= \$	157,896.00	\$ 157,896.00
Sanitary Service Line Installation, complete	59	EA	\$ 1,402.00	= \$	82,718.00	\$ 82,718.00
Sanitary Sewer Lift Station, complete		EA		= \$	-	\$ -
Sanitary Sewer Underdrain	9,450	LF	\$ 10.00	= \$	94,500.00	\$ 94,500.00
				= \$	-	\$ -
<i>[insert items not listed but part of construction plans]</i>				= \$	-	\$ -
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)						
3-Rail Fencing (Adjacent to Vollmer Rd.)	1,600	LF	\$ 10.00	= \$	16,000.00	\$ 16,000.00
Landscape features at Vollmer/Poco (within Tract F)	1	LS	\$ 50,000.00	= \$	50,000.00	\$ 50,000.00
10' Breeze gravel trail (adjacent to lots 8-11 and Tract B)	10,200	SF	\$ 2.50	= \$	25,500.00	\$ 25,500.00
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
Section 3 Subtotal				= \$	1,858,134.00	\$ 1,858,134.00

** - Section 3 is not subject to defect warranty requirements

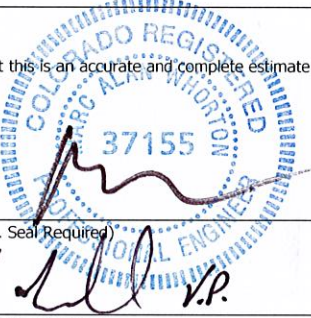
PROJECT INFORMATION

RETREAT AT TIMBERRIDGE FILING NO. 1 **6/8/2020** **SF-19-009**
 Project Name Date PCD File No.

Description	Quantity	Units	Unit Cost	Total	(with Pre-Plat Construction)	
					% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 5,000.00	= \$ 5,000.00		\$ 5,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 2,000.00	= \$ 2,000.00		\$ 2,000.00
Total Construction Financial Assurance						\$ 4,993,029.85
(Sum of all section subtotals plus as-builts and pond/BMP certification)						
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$ 4,993,029.85
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)						
Total Defect Warranty Financial Assurance						\$ 609,378.00
(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)						

Approvals

I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.



Engineer (P.E. Seal Required)

[Handwritten Signature] V.P.

Approved by Owner / Applicant

Date

6/8/2020

Approved by El Paso County Engineer / ECM Administrator

Date

APPROVED
Engineering Department
 11/25/2020 10:52:22 AM
dsdnijkamp
 EPC Planning & Community
 Development Department