

2022 Financial Assurance Estimate Form (with pre-plat construction)

Updated: 8/1 /2021

PROJECT INFORMATION			
The Villas at Claremont Ranch Final Plat	7/15/2022		SF-22-028
Project Name	Date	PCD File No.	

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)							
* Earthwork							
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$ -		\$ -
1,000-5,000; \$8,000 min	1,500	CY	\$ 6.00	=	\$ 9,000.00		\$ 9,000.00
5,001-20,000; \$30,000 min		CY	\$ 5.00	=	\$ -		\$ -
20,001-50,000; \$100,000 min		CY	\$ 3.50	=	\$ -		\$ -
50,001-200,000; \$175,000 min		CY	\$ 2.50	=	\$ -		\$ -
greater than 200,000; \$500,000 min		CY	\$ 2.00	=	\$ -		\$ -
* Permanent Seeding (inc. noxious weed mgmnt.)		AC	\$ 886.00	=	\$ -		\$ -
* Mulching		AC	\$ 831.00	=	\$ -		\$ -
* Permanent Erosion Control Blanket		SY	\$ 7.00	=	\$ -		\$ -
* Permanent Pond/BMP Construction		CY	\$ 22.00	=	\$ -		\$ -
* Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$ 35,000.00	=	\$ 35,000.00		\$ 35,000.00
		EA		=	\$ -		\$ -
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -		\$ -
Vehicle Tracking Control		EA	\$ 2,625.00	=	\$ -		\$ -
Silt Fence		LF	\$ 3.00	=	\$ -		\$ -
Temporary Seeding		AC	\$ 695.00	=	\$ -		\$ -
Temporary Mulch		AC	\$ 831.00	=	\$ -		\$ -
Erosion Bales		EA	\$ 28.00	=	\$ -		\$ -
Erosion Logs/Straw Wattles	140	LF	\$ 6.00	=	\$ 840.00		\$ 840.00
Rock Check Dams		EA	\$ 554.00	=	\$ -		\$ -
Inlet Protection	9	EA	\$ 185.00	=	\$ 1,665.00		\$ 1,665.00
Sediment Basin		EA	\$ 1,952.00	=	\$ -		\$ -
Concrete Washout Basin	1	EA	\$ 997.00	=	\$ 997.00		\$ 997.00
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
				=	\$ 1,225.70		\$ 1,225.70
MAINTENANCE (35% of Construction BMPs)				=	\$ 1,225.70		\$ 1,225.70
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)							
Section 1 Subtotal				=	\$ 48,727.70		\$ 48,727.70

Include quantities

All Street signs need to shown on signing & striping plan

SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)		Tons	\$ 31.00	=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	1,167	CY	\$ 56.00	=	\$ 65,352.00		\$ 65,352.00
Asphalt Pavement (3" thick)		SY	\$ 16.00	=	\$ -		\$ -
Asphalt Pavement (4" thick)	6,932	SY	\$ 21.00	=	\$ 145,572.00		\$ 145,572.00
Asphalt Pavement (6" thick)		SY	\$ 32.00	=	\$ -		\$ -
Asphalt Pavement (177 lbs/cf)		Tons	\$ 97.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 9.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign	2	EA	\$ 333.00	=	\$ 666.00		\$ 666.00
Guide/Street Name Sign	7	EA	\$ 125.00	=	\$ 875.00		\$ 875.00
Epoxy Pavement Marking	249	SF	\$ 15.00	=	\$ 3,735.00		\$ 3,735.00
Thermoplastic Pavement Marking	937	SF	\$ 26.00	=	\$ 24,362.00		\$ 24,362.00
Barricade - Type 3		EA	\$ 221.00	=	\$ -		\$ -
Delineator - Type I		EA	\$ 27.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	2,675	LF	\$ 32.00	=	\$ 85,600.00		\$ 85,600.00
Curb and Gutter, Type B (Median)		LF	\$ 32.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)	2,133	LF	\$ 32.00	=	\$ 68,256.00		\$ 68,256.00
4" Sidewalk (common areas only)		SY	\$ 53.00	=	\$ -		\$ -
5" Sidewalk	2,813	SY	\$ 66.00	=	\$ 185,658.00		\$ 185,658.00
6" Sidewalk		SY	\$ 80.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 106.00	=	\$ -		\$ -
Pedestrian Ramp	13	EA	\$ 1,273.00	=	\$ 16,549.00		\$ 16,549.00
Cross Pan, local (8" thick, 6' wide to include return)	869	LF	\$ 67.00	=	\$ 58,223.00		\$ 58,223.00
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 102.00	=	\$ -		\$ -
Curb Chase	2	EA	\$ 1,639.00	=	\$ 3,278.00		\$ 3,278.00
Guardrail Type 3 (W-Beam)		LF	\$ 55.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 80.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,324.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 4,172.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 87.00	=	\$ -		\$ -
Sound Barrier Fence (panels, 6' high)		LF	\$ 89.00	=	\$ -		\$ -
Electrical Conduit, Size =		LF	\$ 18.00	=	\$ -		\$ -
Traffic Signal, complete intersection		EA	\$ 470.666	=	\$ -		\$ -

PROJECT INFORMATION

The Villas at Claremont Ranch Final Plat

7/15/2022

Project Name

Date

PCD File No.

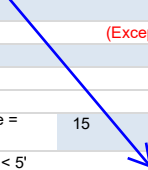
Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
				=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ -
18" Reinforced Concrete Pipe		LF	\$ 70.00	=	\$ -		\$ -
24" Reinforced Concrete Pipe		LF	\$ 83.00	=	\$ -		\$ -
30" Reinforced Concrete Pipe		LF	\$ 104.00	=	\$ -		\$ -
36" Reinforced Concrete Pipe		LF	\$ 128.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 171.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 209.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 272.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 319.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 368.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 421.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 90.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 103.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 131.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 157.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 180.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 190.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 278.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 300.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 364.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 428.00	=	\$ -		\$ -
78" Corrugated Steel Pipe		LF	\$ 492.00	=	\$ -		\$ -
84" Corrugated Steel Pipe		LF	\$ 588.00	=	\$ -		\$ -
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)		EA		=	\$ -		\$ -
Flared End Section (FES) CSP Size = (unit cost = 6x pipe unit cost)		EA		=	\$ -		\$ -
End Treatment- Headwall		EA		=	\$ -		\$ -
End Treatment- Wingwall		EA		=	\$ -		\$ -
End Treatment - Cutoff Wall		EA		=	\$ -		\$ -
		EA	\$ 6,138.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,981.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 9,242.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 8,447.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 8,706.00	=	\$ -		\$ -
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 10,898.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 10,984.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 11,775.00	=	\$ -		\$ -
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$ 12,876.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', Depth < 5'		EA	\$ 11,706.00	=	\$ -		\$ -
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$ 12,920.00	=	\$ -		\$ -
Grated Inlet (Type C), Depth < 5'		EA	\$ 5,138.00	=	\$ -		\$ -
Grated Inlet (Type D), Depth < 5'		EA	\$ 6,347.00	=	\$ -		\$ -
Storm Sewer Manhole, Box Base		EA	\$ 12,876.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 7,082.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 7.00	=	\$ -		\$ -
Rip Rap, d50 size from 6" to 24"		Tons	\$ 89.00	=	\$ -		\$ -
Rip Rap, Grouted		Tons	\$ 105.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF	\$ -	=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 631.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 124.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,626.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
		LF	\$ -	=	\$ -		\$ -
		EA		=	\$ -		\$ -
<i>[insert items not listed but part of construction plans]</i>				=	\$ -		\$ -
Section 2 Subtotal				=	\$ 658,126.00		\$ 658,126.00

* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

PROJECT INFORMATION		
The Villas at Claremont Ranch Final Plat	7/15/2022	
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% 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)								
15" Reinforced Concrete Pipe	114	LF	\$ 69.00	=	\$ 7,866.00		\$ 7,866.00	
18" Reinforced Concrete Pipe	371	LF	\$ 70.00	=	\$ 25,970.00		\$ 25,970.00	
24" Reinforced Concrete Pipe	502	LF	\$ 83.00	=	\$ 41,666.00		\$ 41,666.00	
Flared End Section (FES) RCP Size = 15 (unit cost = 6x pipe unit cost)	1	EA	\$ 2,000.00	=	\$ 2,000.00		\$ 2,000.00	
Curb Inlet (Type R) L=5', Depth < 5'	3	EA	\$ 6,138.00	=	\$ 18,414.00		\$ 18,414.00	
Curb Inlet (Type R) L=10', Depth < 5'	2	EA	\$ 8,447.00	=	\$ 16,894.00		\$ 16,894.00	
Curb Inlet (Type R) L=10', 10' ≤ Depth < 15'	1	EA	\$ 10,898.00	=	\$ 10,898.00		\$ 10,898.00	
Storm Sewer Manhole, Slab Base	3	EA	\$ 7,082.00	=	\$ 21,246.00		\$ 21,246.00	
Rip Rap, d50 size from 6" to 24"	21	Tons	\$ 89.00	=	\$ 1,869.00		\$ 1,869.00	
Detention Outlet Structure	1	EA	\$ 9,000.00	=	\$ 9,000.00		\$ 9,000.00	
WATER SYSTEM IMPROVEMENTS								
Water Main Pipe (PVC), Size 8"	2,483	LF	\$ 71.00	=	\$ 176,293.00		\$ 176,293.00	
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 83.00	=	\$ -		\$ -	
Gate Valves, 8"	29	EA	\$ 2,058.00	=	\$ 59,682.00		\$ 59,682.00	
Fire Hydrant Assembly, w/ all valves	6	EA	\$ 7,306.00	=	\$ 43,836.00		\$ 43,836.00	
Water Service Line Installation, inc. tap and valves	83	EA	\$ 1,466.00	=	\$ 121,678.00		\$ 121,678.00	
Fire Cistern Installation, complete		EA		=	\$ -		\$ -	
				=	\$ -		\$ -	
[insert items not listed but part of construction plans]				=	\$ -		\$ -	
SANITARY SEWER IMPROVEMENTS								
Sewer Main Pipe (PVC), Size 8"	1,953	LF	\$ 71.00	=	\$ 138,663.00		\$ 138,663.00	
Sanitary Sewer Manhole, Depth < 15 feet	12	EA	\$ 4,858.00	=	\$ 58,296.00		\$ 58,296.00	
Sanitary Service Line Installation, complete	83	EA	\$ 1,553.00	=	\$ 128,899.00		\$ 128,899.00	
Sanitary Sewer Lift Station, complete		EA		=	\$ -		\$ -	
				=	\$ -		\$ -	
[insert items not listed but part of construction plans]				=	\$ -		\$ -	
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)								
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
		EA		=	\$ -		\$ -	
Section 3 Subtotal					=	\$ 883,170.00		\$ 883,170.00

Per drainage report, all inlets but 1 are 5' in length



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

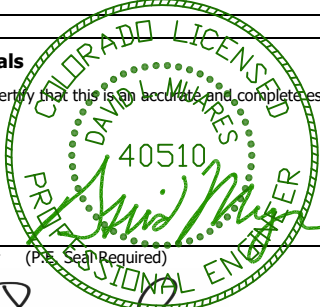
PROJECT INFORMATION


The Villas at Claremont Ranch Final Plat	7/15/2022	
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	\$ 5,000.00	=	\$	5,000.00	\$	5,000.00
Total Construction Financial Assurance							\$	1,600,023.70
(Sum of all section subtotals plus as-builts and pond/BMP certification)								
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)							\$	1,600,023.70
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)								
Total Defect Warranty Financial Assurance							\$	140,425.20
(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)

 Approved by Owner / Applicant

8/2/2022
 Date

Approved by El Paso County Engineer / ECM Administrator

Date