

Update to 2023 form

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

Updated: 10/26/2021

PROJECT INFORMATION		
The Villas at Claremont Ranch Final Plat	12/14/2022	
Project Name	Date	PCD File No. SF-22-028

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	1	EA	\$ 2,625.00	=	\$ 2,625.00		\$ 2,625.00
Silt Fence	2,175	LF	\$ 3.00	=	\$ 6,525.00		\$ 6,525.00
Temporary Seeding	1.65	AC	\$ 695.00	=	\$ 1,146.75		\$ 1,146.75
Temporary Mulch	1.65	AC	\$ 831.00	=	\$ 1,371.15		\$ 1,371.15
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]				=	\$ -		\$ -
				=	\$ -		\$ -
				=	\$ 5,309.47		\$ 5,309.47
MAINTENANCE (35% of Construction BMPs)				=	\$ 5,309.47		\$ 5,309.47
* - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)							
Section 1 Subtotal				=	\$ 64,479.37		\$ 64,479.37
SECTION 2 - PUBLIC IMPROVEMENTS *							
ROADWAY IMPROVEMENTS							
Construction Traffic Control-Entrance Improvements	1	LS	\$ 15,000.00	=	\$ 15,000.00		\$ 15,000.00
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 (147 lbs/cf) 4" thick		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

12/14/2022

Project Name

Date

PCD File No. SF-22-028

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)						
18" Reinforced Concrete Pipe	497	LF	\$ 70.00	= \$	34,790.00	\$ 34,790.00
30" Reinforced Concrete Pipe	392	LF	\$ 104.00	= \$	40,768.00	\$ 40,768.00
Flared End Section (FES) RCP Size = 18 <small>(unit cost = 6x pipe unit cost)</small>	1	EA	\$ 420.00	= \$	420.00	\$ 420.00
Curb Inlet (Type R) L=5', Depth < 5'	2	EA	\$ 6,138.00	= \$	12,276.00	\$ 12,276.00
Curb Inlet (Type R) L =10', Depth < 5'	4	EA	\$ 8,447.00	= \$	33,788.00	\$ 33,788.00
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'	0	EA	\$ 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		= \$	-	\$ -
				= \$	-	\$ -
<i>[insert items not listed but part of construction plans]</i>				= \$	-	\$ -
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		= \$	-	\$ -
				= \$	-	\$ -
<i>[insert items not listed but part of construction plans]</i>				= \$	-	\$ -
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)						
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
		EA		= \$	-	\$ -
Section 3 Subtotal				= \$	881,504.00	\$ 881,504.00

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

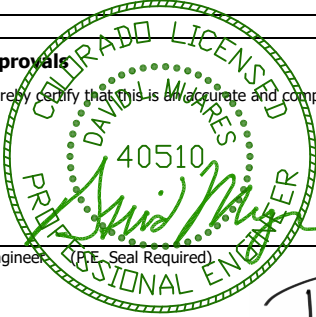
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						% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 5,000.00	=	\$ 5,000.00		\$ 5,000.00
Total Construction Financial Assurance						\$	1,629,109.37
(Sum of all section subtotals plus as-builts and pond/BMP certification)							
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$	1,629,109.37
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)							
Total Defect Warranty Financial Assurance						\$	143,425.20
(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 _____
 Approved by El Paso County Engineer / ECM Administrator _____

12/12/2022
 Date

Date