2015 Financial Assurance Estimate Form (with pre-plat construction)

Project Information	
REDTAIL RANCH FILING NO. 1	3/12/2019
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units			Price			% Complete	ı	Remaining
Earthwork*	10,000.00	CY	@	\$	\$5	=	\$ 50,000.00		\$	50,000.00
Permanent Seeding* (inc. noxious weed mgmnt.)	4.50	AC	@	\$	\$582	=	\$ 2,619.00		\$	2,619.00
Mulching*	4.50	AC	@	\$	\$507	=	\$ 2,281.50		\$	2,281.50
Permanent Erosion Control Blanket*	9,200.00	SY	@	\$	\$6	=	\$ 55,200.00		\$	55,200.00
Permanent Turf Reinforment Matting (TRM)	450.00	SY	@	\$	\$12		\$ 5,400.00		\$	5,400.00
Vehicle Tracking Control	2.00	EA	@	\$	\$1,625	=	\$ 3,250.00		\$	3,250.00
Safety Fence	<u>'</u>	LF	@	\$	\$3	=	\$		\$	-
Silt Fence	2,060.00	LF	@	\$	\$4	=	\$ 8,240.00		\$	8,240.00
Temporary Seeding	3.30	AC	@	\$	\$485	=	\$ 1,600.50		\$	1,600.50
Temporary Mulch	3.30	AC	@	\$	\$507	=	\$ 1,673.10		\$	1,673.10
Erosion Bales	32.00	EA	@	\$	\$21	=	\$ 672.00		\$	672.00
Erosion Logs	-	LF	@	\$	\$6	=	\$		\$	-
Rock Ditch Checks	18.00	EA	@	\$	\$98	=	\$ 1,764.00		\$	1,764.00
Inlet Protection	4.00	EA	@	\$	\$153	=	\$ 612.00		\$	612.00
Sediment Basin	2.00	EA	@	\$	\$1,625	=	\$ 3,250.00		\$	3,250.00
Concrete Washout Basin	1.00	EA	@	\$	\$776	=	\$ 776.00		\$	776.00
	-		@	\$		=	\$		\$	-
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to preliminary acceptance process.				Sectio	n 1 Subtota	=	\$ 137,338.10		\$	137,338.10

Section 2 - Public Improvements**	Quantity	Units		Price			% Complete	Remaining	
- Roadway Improvements									
Construction Traffic Control	1.00	LS	@	\$ 2,000	=	\$ 2,000.00		\$ 2,000.00	*
Aggregate Base Course (Locals roads)	2,550.00	Tons	@	\$ \$18	=	\$ 45,900.00		\$ 45,900.00	*
Asphalt Pavement (Local roads)	2,270.00	Tons	@	\$ \$65	=	\$ 147,550.00		\$ 147,550.00	*
Raised Median, Paved		SF	@	\$ \$7	=	\$		\$ -	*
Electrical Conduit, Size =		LF	@	\$ \$14	=	\$		\$ -	*
Traffic Signal, complete intersection		EA	@	\$ \$250,000	=	\$		\$ -	*
Regulatory Sign	2.00	EA	@	\$ \$100	=	\$ 200.00		\$ 200.00	*
Advisory Sign	3.00	EA	@	\$ \$100	=	\$ 300.00		\$ 300.00	*
Guide/Street Name Sign	4.00	EA	@	\$ \$300		\$ 1,200.00		\$ 1,200.00	*
Epoxy Pavement Marking		SF	@	\$ \$12	=	\$		\$ -	*
Thermoplastic Pavement Marking (Round-about markings)		SF	@	\$ \$22	=	\$		\$ -	*
Barricade - Type 3		EA	@	\$ \$115	=	\$		\$ -	*
Delineator (Type I)		EA	@	\$ \$21	=	\$		\$ -	*
Curb and Gutter, Type C (Ramp)		LF	@	\$ \$21	=	\$		\$ -	*
Curb and Gutter, Type E Modified (4" mountable island)		LF	@	\$ \$13	=	\$		\$ -	*
Curb and Gutter, Type B (Round-about entry medians)		LF	@	\$ \$13	=	\$		\$ -	*
Pedestrian Ramp		SY	@	\$ \$108	=	\$		\$ -	*
Cross Pan		SY	@	\$ \$53	=	\$		\$ -	*
Curb Chase		EA	@	\$ \$1,300	=	\$		\$ -	*
Guardrail Type 3 (W-Beam)		LF	@	\$ \$18	=	\$		\$ -	*
Guardrail Type 7 (Concrete)		LF	@	\$ \$67	=	\$ 		\$ -	*

Guardrail End Anchorage		EA	@	\$	\$1,978	=	\$		\$	-
Guardrail Impact Attenuator		EA	@	\$	\$3,564	=	\$		\$	
Sound Barrier Fence	-	LF	@	\$	\$100	=	\$		\$	
Concrete Sidewalk (5" thickness)		SY	@	\$	\$58	=	\$		\$	
Consider Statemant (C. Bristiness)		0.1		<u> </u>	Ψ00				4	
- Storm Drain Improvements										
Concrete Box Culvert (M Standard), Size Dual (10 x 4)		LF	@	\$		=	\$		\$	-
Reinforced Concrete Pipe (RCP) Size		LF	@	\$		=	\$		\$	-
18" Reinforced Concrete Pipe	50.00	LF	@	\$	\$69	=	\$	3,450.00	\$	3,450.00
24" Reinforced Concrete Pipe	45.00	LF	@	\$	\$84	=	\$	3,780.00	\$	3,780.00
30" Reinforced Concrete Pipe	72.00	LF	@	\$	\$94	=	\$	6,768.00	\$	6,768.00
36" Reinforced Concrete Pipe		LF	@	\$	\$124	=	\$.,	\$	
42" Reinforced Concrete Pipe		LF	@	\$	\$134	=	\$		\$	
		LF	@	\$		=	\$		\$	
48" Reinforced Concrete Pipe			@		\$178	=			\$	
54" Reinforced Concrete Pipe		LF	_	\$	\$182		\$		\$	
60" Reinforced Concrete Pipe		LF . –	@	\$	\$216	=	\$			
66" Reinforced Concrete Pipe		LF	@	\$	\$263	=	\$		\$	
72" Reinforced Concrete Pipe		LF	@	\$	\$283	=	\$		\$	
Corrugated Steel Pipe (CSP) Size		LF	@	\$		=	\$		\$	
18" Corrugated Steel Pipe		LF	@	\$	\$66	=	\$		\$	
24" Corrugated Steel Pipe		LF	@	\$	\$96	=	\$		\$	-
30" Corrugated Steel Pipe		LF	@	\$	\$101	=	\$		\$	
36" Corrugated Steel Pipe		LF	@	\$	\$136	=	\$		\$	
42" Corrugated Steel Pipe		LF	@	\$	\$147	=	\$		\$	-
48" Corrugated Steel Pipe		LF	@	\$	\$169	=	\$		\$	-
54" Corrugated Steel Pipe		LF	@	\$	\$193	=	\$		\$	-
60" Corrugated Steel Pipe	-	LF	@	\$	\$227	=	\$		\$	-
66" Corrugated Steel Pipe		LF	@	\$	\$278	=	\$		\$	-
72" Corrugated Steel Pipe		LF	@	\$	\$330	=	\$		\$	-
78" Corrugated Steel Pipe		LF	@	\$	\$381	=	\$		\$	-
84" Corrugated Steel Pipe	-	LF	@	\$	\$432	=	\$		\$	
	2.00	EA	@	\$	414	=	\$	828.00	\$	828.00
` ′ ′	2.00	EA	@	\$	504	=		1,008.00	\$	1,008.00
Flared End Section (FES) 24"	2.00		@		564	=	\$	1,128.00	\$	1,128.00
Flared End Section (FES) 30"	2.00	EA		\$			\$	1,120.00		
Flared End Section (FES) 36"		EA	@	\$	744	=	\$		\$	
Flared End Section (FES) 48"		EA	@	\$	1,068	=	\$		\$	
Flared End Section (FES) CSP +		EA	@	\$		=	\$		\$	
End Treatment- Headwall		EA	@	\$	4,000	=	\$		\$	-
End Treatment- Wingwall		EA	@	\$	10,000	=	\$		\$	-
End Treatment - Cutoff Wall		EA	@	\$	3,000	=	\$		\$	
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	@	\$	\$3,791	=	\$		\$	-
Curb Inlet (Type R) L=4', 5'-10' Depth		EA	@	\$	\$5,300		\$		\$	
Curb Inlet (Type R) L =6' , 5'-10' Depth		EA	@	\$	\$6,000	=	\$		\$	-
Curb Inlet (Type R) L =8', 5'-10' Depth		EA	@	\$	\$7,000	=	\$		\$	-
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	@	\$	\$7,500	=	\$		\$	-
Curb Inlet (Type R) L =12' , 5'-10' Depth		EA	@	\$	\$8,300	=	\$		\$	-
Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	@	\$	\$7,923	=	\$		\$	-
Curb Inlet (Type R) L =15' , 5'-10' Depth		EA	@	\$	\$8,000	=	\$		\$	-
Curb Inlet (Type R) L =15' , 10'-15' Depth		EA	@	\$	\$8,800	=	\$		\$	
		EA	@	\$	\$8,000	=	\$		\$	
Curb Inlet (Type R) L =20', Depth < 5 feet			@						\$	
Curb Inlet (Type R) L =20' , 5'-10' Depth		EA		\$	\$8,830	=	\$		\$	
Curb Inlet (Type R) L =','' Depth		EA	@	\$		=	\$			
Curb Inlet (Type R) L =','' Depth		EA	@	\$		=	\$		\$	
Grated Inlet (Type C), < 5' deep		EA	@	\$	\$3,270	=	\$		\$	
Grated Inlet (Type D), < 5' deep		EA	@	\$	\$3,908	=	_		\$	-
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	@	\$	\$8,592	=	\$		\$	
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	@	\$	\$4,575	=	\$		\$	-
Geotextile (Erosion Control) Roadside ditches		SY	@	\$	\$5	=	\$		\$	<u> </u>
Rip Rap, d50 Size from 6" to 24"	20.00	CY	@	\$	\$98	=	\$	1,960.00	\$	1,960.00
Rip Rap, Grouted		CY	@	\$	\$215	=	\$		\$	-
	_	I		•					\$	
Drainage Channel Construction, Size (W x H)		LF	@	\$		=	\$		Ψ	
· · ·		CY	@	\$	\$450	=	\$		\$	

Channel Lining, Grass		AC	@	\$	\$1,287	=	\$	\$	-	*
Channel Stabilization (40' wide utility crossing)		SY	@	\$	\$3	=	\$	\$	-	*
Detention Outlet Structure		EA	@	\$	8,000	=	\$	\$	-	*
Detention Emergency Spillway		EA	@	\$	1,000	=	\$	\$	-	*
Permanent Water Quality Facility (SAND FILTER BASIN)	2.00	EA	@	\$	18,000	=	\$ 36,000.00	\$	36,000.00	*
* Subject to defect warranty financial assurance. DO NOT ENTER MORE THAN 80% COMPLETE. A minimum of 20% to be retained up to preliminary acceptance process. + For flared end sections, multiply pipe LF cost by 6				Sectio	on 2 Subtota	=	\$ 252,072.00		252,072.00	**

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units			Price			% Complete	Rer	naining
- Roadway Improvements										
(Include any applicable items from above Public Improvements			@	\$		=	\$		\$	
list, that are to be private and NOT maintained by El Paso			@	\$		=	\$		\$	-
County)			@	\$		=	\$		\$	-
- Storm Drain Improvements										
(Include any applicable items from above Public Improvements			@	\$		=	\$		\$	-
list, that are to be private and NOT maintained by El Paso			@	\$	-	=	\$		\$	-
County)			@	\$		=	\$		\$	-
Water Contain Incompany										
- Water System Improvements		LF	@	\$	¢04	=	\$		\$	
Water Main Pine (PVC), Size 8"		LF	@	\$	\$94 \$137	=	\$		\$	
Water Main Pipe (Ductile Iron), Size 8"		EA	@	\$		=	\$		\$	
Gate Valves, 8" Fire Hydrant Assembly w/ all valves		EA	@	\$	\$1,852	=	\$		\$	
·		EA	@	\$	\$6,430 1,253	=	\$		\$	
Water Service Line Installation, including tap and valves Fire Cistern Installation, complete		EA	@	\$ \$	1,233	-	\$		\$	
File distern installation, complete		LA	<u> </u>	Ψ		+-	Ψ		Ψ	
- Sanitary Sewer Improvements										
Sewer Main Pipe (PVC), Size 8"		LF	@	\$	\$94	=	\$		\$	-
Sanitary Sewer Manhole, Depth < 15 feet		EA	@	\$	\$4,575	=	\$		\$	-
Sanitary Service Line Installation, complete		EA	@	\$	1,516	=	\$		\$	-
Sanitary Sewer Lift Station, complete		EA	@	\$		=	\$		\$	-
- Landscaping (If Applicable)										
		EA	@	\$		=	\$		\$	
(List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or PUD)		EA	@	\$		=	\$			
		EA	@	\$		=	\$		\$	-
		EA	@	\$		=	\$		\$	-
		EA	@	\$		=	\$		\$	-
***items in this section are not subject to defect warranty										
financial assurance			5	Section	3 Subtotal	=	\$			

Financial Assurance Totals As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPR	ROVEMENTS) \$	\$2,000
(Inc. survey to verify detention pond volumes.)	Total Construction Financial Assurance	\$391,410.10
	(Sum of all section subtotals)	
	Total Remaining Construction Financial Assurance	391,410.10
	(Sum of all section totals less credit for items complete)	
	Total Defect Warranty Financial Assurance	\$72,434.50
(20% of all items identified as publ	lic improvements(*). To be collateralized at time of preliminary acceptance)	
OF JAN WAS COME	ork as shown on the approved Construction Drawings associated with the Proje 31719	ect.
Engineer AV755 De Seal)	Date 4/2/2019	
Approved by Owner / Applicant	Date	,