2021 Financial Assurance Estimate Form

(with pre-plat construction)

(with pre-plat construction)		Updated: 12/22/2020
	PROJECT INFORMATION	
Trails at Aspen Ridge Filing No. 3	8/17/2021	SF-21-022
Project Name	Date	PCD File No.

				Unit			(with Pre-Plat Construction)			
Description	Quantity	Units		Cost		Total	% Complete		Remaining	
SECTION 1 - GRADING AND EROSION CONTRO	L (Construction	and Perma	nent	BMPs)						
* Earthwork	•									
less than 1,000; \$5,300 min		CY	\$	8.00	=	\$ -		\$	-	
1,000-5,000; \$8,000 min		CY	\$	6.00	=	\$ -		\$	-	
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	380,243	CY	\$	2.00	=	\$ 760,486.00		\$	760,486.0	
* Permanent Seeding (inc. noxious weed mgmnt.)		AC	\$	828.00	=	\$ -		\$	-	
* Mulching		AC	\$	777.00	=	\$ -		\$	-	
* Permanent Erosion Control Blanket		SY	\$	6.00	=	\$ -		\$	-	
* Permanent Pond/BMP Construction		CY	\$	21.00	=	\$ -		\$	-	
* Permanent Pond/BMP (provide engineer's estimate)	1	EA	\$	25,000.00	=	\$ 25,000.00		\$	25,000.0	
* Permanent Pond/BMP (Outlet Structure - Micropool)	1	EA	\$	15,000.00		\$ 15,000.00		\$	15,000.0	
* Permanent Pond/BMP (Forebay)	2	EA	\$	25,000.00		\$ 50,000.00		\$	50,000.0	
* Permanent Pond/BMP (Concrete Low Flow Channel)	70	CY	\$	570.00		\$ 39,900.00		\$	39,900.0	
* Permanent Pond/BMP Rip Rap (d50 size from 6" to 24")	420	Tons	\$	83.00		\$ 34,860.00		\$	34,860.0	
Safety Fence		LF	\$	3.00	=	\$ -		\$	-	
Temporary Erosion Control Blanket	18,968	SY	\$	3.00	=	\$ 56,905.29		\$	56,905.2	
Vehicle Tracking Control	0	EA	\$	2,453.00	=	\$ -		\$	-	
Silt Fence	3,213	LF	\$	2.60	=	\$ 8,353.80		\$	8,353.8	
Temporary Seeding		AC	\$	650.00	=	\$ -		\$	-	
Temporary Mulch		AC	\$	777.00	=	\$ -		\$	-	
Erosion Bales		EA	\$	26.00	=	\$ -		\$	-	
Erosion Logs/Straw Waddle	17,823	LF	\$	5.00	=	\$ 89,115.00		\$	89,115.0	
Rock Check Dams		EA	\$	518.00	=	\$ -		\$	-	
Inlet Protection	18	EA	\$	173.00	=	\$ 3,114.00		\$	3,114.0	
Sediment Basin	5	EA	\$	1,824.00	=	\$ 9,120.00		\$	9,120.0	
Concrete Washout Basin	1	EA	\$	932.00	=	\$ 932.00		\$	932.0	
Outlet Protection	3	EA	\$	200.00	=	\$ 600.00		\$	600.0	
[insert items not listed but part of construction plans]					=	\$ -		\$	-	
MAINTENANCE (35% of Construction BMPs)					=	\$ 58,849.03		\$	58,849.0	
- Subject to defect warranty financial assurance. A minimum of 20% shall e retained until final acceptance (MAXIMUM OF 80% COMPLETE LLOWED)	num of 20% shall				=	\$ 1,152,235.12		\$	1,152,235.1	

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Project Name	Date	PCD File No.						

Description					Unit			(with Pre-Plat Construction)		
		Quantity	Units	Cost			Total	% Complete	Remaining	
SECTION 2 - PUBLIC IMPROVEMEN	ITS *									
ROADWAY IMPROVEMENTS										
Construction Traffic Control			LS			=	\$ -		\$	-
Aggregate Base Course (135 lbs/cf)			Tons	\$	29.00	=	\$ -		\$	-
Aggregate Base Course (135 lbs/cf)		4,580	CY	\$	52.00		\$ 238,160.00		\$	238,160.0
Asphalt Pavement (3" thick)			SY	\$	14.50		\$ -		\$	-
Asphalt Pavement (4" thick)		20,611	SY	\$	20.00		\$ 412,220.00		\$	412,220.0
Asphalt Pavement (6" thick)			SY	\$	30.00		\$ -		\$	-
Asphalt Pavement (147 lbs/cf)	_" thick		Tons	\$	91.00	=	\$ -		\$	-
Raised Median, Paved			SF	\$	8.30	=	\$ -		\$	-
Regulatory Sign/Advisory Sign		12	EA	\$	311.00	=	\$ 3,732.00		\$	3,732.0
Guide/Street Name Sign		26	EA	\$	250.00	=	\$ 6,500.00		\$	6,500.0
Epoxy Pavement Marking			SF	\$	14.00	=	\$ -		\$	-
Thermoplastic Pavement Marking			SF	\$	24.00	=	\$ -		\$	-
Barricade - Type 3		8	EA	\$	207.00	=	\$ 1,656.00		\$	1,656.0
Delineator - Type I			EA	\$	25.00	=	\$ -		\$	-
Curb and Gutter, Type A (6" Vertical)		2,381	LF	\$	31.00	=	\$ 73,811.00		\$	73,811.
Curb and Gutter, Type B (Median)			LF	\$	31.00	=	\$ -		\$	-
Curb and Gutter, Type C (Ramp)		9,225	LF	\$	31.00	=	\$ 285,975.00		\$	285,975.
4" Sidewalk (common areas only)			SY	\$	50.00	=	\$ -		\$	-
5" Sidewalk		6,489	SY	\$	62.00	=	\$ 402,304.22		\$	402,304.
6" Sidewalk			SY	\$	75.00	=	\$ -		\$	-
8" Sidewalk			SY	\$	99.00		\$ -		\$	-
Pedestrian Ramp		45	EA	\$	1,190.00	=	\$ 53,550.00		\$	53,550.
Cross Pan, local (8" thick, 6' wide to include i	return)	225	LF	\$	63.00	=	\$ 14,175.00		\$	14,175.
Cross Pan, collector (9" thick, 8' wide to inclu	ide return)		LF	\$	95.00		\$ -		\$	-
Curb Chase			EA	\$	1,532.00	=	\$ -		\$	-
Guardrail Type 3 (W-Beam)			LF	\$	51.00	=	\$ -		\$	-
Guardrail Type 7 (Concrete)			LF	\$	75.00	=	\$ -		\$	-
Guardrail End Anchorage			EA	\$	2,172.00	=	\$ -		\$	-
Guardrail Impact Attenuator			EA	\$	3,899.00	=	\$ -		\$	-
Sound Barrier Fence (CMU block, 6' high)			LF	\$	81.00		\$ -		\$	-
Sound Barrier Fence (panels, 6' high)			LF	\$	83.00	=	\$ -		\$	-
Electrical Conduit, Size =			LF	\$	17.00	=	\$ -		\$	-
Traffic Signal, complete intersection			EA	\$	439,875	=	\$ -		\$	-
, , ,						=	\$ -		\$	-
finsert items not listed but part of construction	n plans1					=	\$ -		\$	

	PROJECT INFORMATION	
Trails at Aspen Ridge Filing No. 3	8/17/2021	SF-21-022
Project Name	Date	PCD File No.

				Unit		(with Pre-Plat Construction)				
Description	Quantity	Units		Cost			Total	% Complete		Remaining
STORM DRAIN IMPROVEMENTS										
Concrete Box Culvert (M Standard), Size (30W x 19H)	743	LF	\$	150.00	=	\$	111,450.00		\$	111,450.0
18" Reinforced Concrete Pipe	1,398	LF	\$	67.00	=	\$	93,666.00		\$	93,666.0
24" Reinforced Concrete Pipe	419	LF	\$	81.00	=	\$	33,939.00		\$	33,939.0
30" Reinforced Concrete Pipe		LF	\$	100.00	=	\$	-		\$	-
36" Reinforced Concrete Pipe	202	LF	\$	124.00	=	\$	25,048.00		\$	25,048.0
42" Reinforced Concrete Pipe		LF	\$	166.00	=	\$	-		\$	-
48" Reinforced Concrete Pipe		LF	\$	202.00	=	\$	_		\$	-
54" Reinforced Concrete Pipe		LF	\$	254.00	=	\$	_		\$	-
60" Reinforced Concrete Pipe		LF	\$	298.00		\$	_		\$	_
66" Reinforced Concrete Pipe		LF	\$	344.00		\$	_		\$	-
72" Reinforced Concrete Pipe		LF	\$	393.00		\$			\$	
·		LF	\$	87.00		\$	<u>-</u>		\$	
18" Corrugated Steel Pipe		LF		99.00						
24" Corrugated Steel Pipe			\$		=	\$	-		\$	-
30" Corrugated Steel Pipe		LF	\$	126.00	=	\$	-		\$	-
36" Corrugated Steel Pipe		LF	\$	152.00	=	\$	-		\$	-
42" Corrugated Steel Pipe		LF	\$	174.00	=	\$	-		\$	-
48" Corrugated Steel Pipe		LF	\$	184.00	=	\$	-		\$	-
54" Corrugated Steel Pipe		LF	\$	269.00	=	\$	-		\$	-
60" Corrugated Steel Pipe		LF	\$	290.00	=	\$	-		\$	-
66" Corrugated Steel Pipe		LF	\$	352.00	=	\$	-		\$	-
72" Corrugated Steel Pipe		LF	\$	414.00	=	\$	-		\$	-
78" Corrugated Steel Pipe		LF	\$	476.00	=	\$	-		\$	-
84" Corrugated Steel Pipe		LF	\$	569.00	=	\$	-		\$	-
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			=	\$	-		\$	-
Curb Inlet (Type R) L=5', Depth < 5'		EA	\$	5,736.00	=	\$	-		\$	-
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'	6	EA	\$	7,440.00	=	\$	44,640.00		\$	44,640.
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$	8,637.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$	7,894.00	=	\$	-		\$	-
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'	11	EA	\$	8,136.00	=	\$	89,496.00		\$	89,496.
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$	10,185.00	=	\$	-		\$	
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$	10,265.00		\$			\$	-
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$	11,005.00		\$	_		\$	-
Curb Inlet (Type R) L =15', 10' ≤ Depth < 15'		EA	\$	12,034.00		\$			\$	
		EA					<u>-</u>			
Curb Inlet (Type R) L =20', Depth < 5'			\$	10,940.00	=	\$			\$	-
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA	\$	12,075.00	=	\$	-		\$	-
Grated Inlet (Type C), Depth < 5'	1	EA	\$	4,802.00	=	\$	4,802.00		\$	4,802.
Grated Inlet (Type D), Depth < 5'		EA	\$	5,932.00	=	\$	-		\$	-
Storm Sewer Manhole, Box Base	12	EA	\$	12,034.00	=	\$	144,408.00		\$	144,408.
Storm Sewer Manhole, Slab Base	12	EA	\$	6,619.00	=	\$	79,428.00		\$	79,428.
Geotextile (Erosion Control)		SY	\$	6.20	=	\$	-		\$	-
Rip Rap, d50 size from 6" to 24"		Tons	\$	83.00	=	\$	-		\$	-
Rip Rap, Grouted		Tons	\$	98.00	=	\$	-		\$	-
Drainage Channel Construction, Size (W x H)		LF			=	\$	-		\$	-
Drainage Channel Lining, Concrete		CY	\$	590.00	=	\$	-		\$	-
Drainage Channel Lining, Rip Rap		CY	\$	116.00	=	\$	-		\$	-
Drainage Channel Lining, Grass		AC	\$	1,520.00	=	\$	-		\$	-
Drainage Channel Lining, Other Stabilization			<u> </u>	.,==0.00	=	\$	_		\$	_
30"x19" HERCP	38	LF	¢	150.00			5,766.00			5,766.
			\$			\$			\$	
38"X24" HERCP	315	LF	\$	200.00		\$	63,014.00		\$	63,014.
45"X29" HERCP	167	LF	\$	250.00	=	\$	41,675.00		\$	41,675.
[insert items not listed but part of construction plans] - Subject to defect warranty financial assurance. A minimum of 20% shall					=	\$	-		\$	-

PROJECT INFORMATION								
Trails at Aspen Ridge Filing No. 3	8/17/2021	SF-21-022						
Project Name	Date	PCD File No.						

				Unit				(with Pro	e-Plat	Construction)
Description	Quantity	Units		Cost			Total	% Complete		Remaining
SECTION 3 - COMMON DEVELOPMENT IMPRO	VEMENTS (Priv	ate or Dis	stric	t and NO	Γ Mainta	ined l	oy EPC)**			
ROADWAY IMPROVEMENTS										
5" Sidewalk	272	SY	\$	62.00	=	\$	16,864.00		\$	16,864.0
					=	\$	-		\$	-
					=	\$	-		\$	-
						4			۱.	-
				Inl	et aua	antity	y does not i	match th	ne F	AE.
					•					
STORM DRAIN IMPROVEMENTS (Excep	otion: Permanent Pon	d/BMP shall	be ite	emized UP	uale	me i	financial as	surance	esi	imale
`				for	m.					-
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				Un	resor	vea.	Add the a	rea iniet	WIT	nin -
				Tra	act F i	in Se	ection 3			-
						•				-
										-
NATER SYSTEM IMPROVEMENTS										
Water Main Pipe (PVC), Size 8"	7,605	LF	\$	66.00	=	\$	501,930.00		\$	501,930.0
Water Main Pipe (Ductile Iron), Size 8"		LF	\$	78.00	=	\$	-		\$	-
Gate Valves, 8"	25	EA	\$	1,923.00	=	\$	48,075.00		\$	48,075.0
Fire Hydrant Assembly, w/ all valves	13	EA	\$	6,828.00	=	\$	88,764.00		\$	88,764.0
Water Service Line Installation, inc. tap and valves	198	EA	\$	1,370.00	=	\$	271,260.00		\$	271,260.0
Fire Cistern Installation, complete		EA			=	\$	-		\$	-
Pumphouse	1	EA	\$	600,000.00	=	\$	600,000.00		\$	600,000.0
Water Main Pipe (PVC), Size 12"	1,441	LF	\$	80.00	=	\$	115,280.00		\$	115,280.0
Gate Valves, 12"	8	EA	\$	2,500.00	=	\$	20,000.00		\$	20,000.0
Water Main Pipe (PVC), Size 16"	1,044	LF	\$	95.00	=	\$	99,180.00		\$	99,180.0
Gate Valves, 16"	3	EA	\$	3,000.00	=	\$	9,000.00		\$	9,000.0
16" ARV	1	EA	\$	10,000.00	=	\$	10,000.00		\$	10,000.0
[insert items not listed but part of construction plans]					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS										
Sewer Main Pipe (PVC), Size 8"	6,045	LF	\$	66.00	=	\$	398,970.00		\$	398,970.0
Sanitary Sewer Manhole, Depth < 15 feet	23	EA	\$	4,540.00	=	\$	104,420.00		\$	104,420.0
Sanitary Service Line Installation, complete	198	EA	\$	1,451.00	=	\$	287,298.00		\$	287,298.0
Sanitary Sewer Lift Station, complete		EA			=	\$	-		\$	-
					=	\$	-		\$	-
[insert items not listed but part of construction plans]					=	\$	-		\$	-
_ANDSCAPING IMPROVEMENTS	(For subdivision spe	cific conditio	n of a	approval, or F	PUD)					
Deciduous Trees	25	EA	\$	400.00	=	\$	10,000.00		\$	10,000.0
Evergreen Trees	38	EA	\$	400.00	=	\$	15,200.00		\$	15,200.0
Ornamental Trees	40	EA	\$	325.00	=	\$	13,000.00		\$	13,000.0
Soil Amendments	201,100	SF	\$	0.50		\$	100,550.00		\$	100,550.0
Sod	4,600	SF	\$	0.50	=	\$	2,300.00		\$	2,300.0
Native Seed	187,000	SF	\$	0.60		\$	112,200.00		\$	112,200.0
1 1/2" Rock	9,500	SF	\$	0.75		\$	7,125.00		\$	7,125.0
Steel Edge	420	LF	\$	3.00		\$	1,260.00		\$	1,260.0
Weed Barrier Fabric	9,500	SF	\$	0.25		\$	2,375.00		\$	2,375.0
Irrigation	191,600	SF	\$	1.00		\$	191,600.00		\$	191,600.0
* - Section 3 is not subject to defect warranty requirements		Secti	on 3	3 Subtotal	=	\$	3,026,651.00		\$	3,026,651.00
AS-BUILT PLANS (Public Improvements inc. Permanent W	(QCV BMPs)	LS	\$	15,000.00	=	\$	15,000.00		\$	15,000.0
POND/BMP CERTIFICATION (inc. elevations and volume of	alculations)	LS	\$	7,000.00	=	\$	7,000.00		\$	7,000.0
					Total	l Cons	truction Financia	I Assurance	\$	6,430,301.34
			(S	Sum of all sec	tion subtot	tals plus	as-builts and pond/BI	MP certification)		
	Total Remain	ing Const	truct	tion Finan	cial Assı	urance	(with Pre-Plat C	onstruction)	_\$_	6,430,301.34
	(Sum of all	section total	ls les	s credit for ite	ems compl	ete plus	as-builts and pond/BI	MP certification)		
					Total Da	sfoot M	arranty Financia	I Accurance	•	602.000.2
					I Olai De	SIECL V	varranty Financia	i Assurance	₽	602,980.24

		PROJECT I	NFORMATIO	N			
Trails at Aspen Ridge Filing No. 3	8/17/2021			SF-21-022			
Project Name			Date			PCD File No.	
			Unit			(with Pre-P	lat Construction)
Description	Quantity	Units	Cost		Total	% Complete	Remaining
Approvals							
••							
I hereby certify that this is an accurate and complete estimate of	or costs for the wo	ork as snown o	n the Grading an	a Erosion Co	introl Plan and Construction	Drawings associate	ed with the Project.
5 . (25 6 15)		_					
Engineer (P.E. Seal Required)							
Associate Oscial Assiltant		-					
Approved by Owner / Applicant			Date				
Annual by El Bara Carety Fusings / ECM Administrator		-	Date				
Approved by El Paso County Engineer / ECM Administrator			Date				