

2022 Financial Assurance Estimate Form

(with pre-plat construction)

		Opudicu, 11/4/2021
	PROJECT INFORMATION	
Homestead North at Sterling Ranch Filing 3	1/23/2023	SF 22-29
Project Name	Date	PCD File No.

escription	Quantity	Units	Unit		*		t Construction)
ECTION 1 - GRADING AND EROSION CONTR	Ol (Construction	and be-	Cost		Total	% Complete	Remaining
* Earthwork	Or (Consurction	and Perma	inent BMPS)				
less than 1,000; \$5,300 min		ev.			14.		
1,000-5,000; \$8,000 min		CY	\$ 8.00	=	\$	\$_	
		CY	\$ 6.00	-	\$ -	\$	
5,001-20,000; \$30,000 min		CY	\$ 5.00	_	\$ -	\$	
20,001-50,000; \$100,000 min		CY	\$ 3.50	in the	\$ -	\$	
50,001-200,000; \$175,000 min	117,573	CY	\$ 2.50	=	\$ 293,932.50	5	293,932.
greater than 200,000; \$500,000 min		CY	\$ 2.00	-	\$	s	
* Permanent Seeding (inc. noxious weed mgmnt.)	31	AC	\$ 886.00	-	\$ 27,466.00	\$	27,466.6
* Mulching	31	AC	\$ 831,00	-	\$ 25,761.00		
* Permanent Erosion Control Blanket	78	SY	\$ 7.00			5	25,761.0
* Permanent Pond/BMP Construction	76			=	\$ 546.00	\$	546.
		CY	\$ 22.00	=	\$ -	\$	-
* Permanent Pond/BMP (provide engineer's estimate)	1	ΕA	\$ 40,000.00	-	\$ 40,000.00	\$	40,000.6
		EA		=	5 -	\$	-
Salety Fence	1,647	LF	\$ 3.00	=	\$ 4,941.00	\$	4,941.
Temporary Erosion Control Blanket		SY	\$ 3.00	=	\$ -	s	
Vehicle Tracking Control	3	EΑ	\$ 2,625.00	-	\$ 7,875.00	5	7,875.6
Sift Fence	4,138	LF	\$ 3.00	_	\$ 12,414.00	Š	12,414.
Temporary Seeding		AC	\$ 695.00	_	\$ -		12,717.
Temporary Mulch					11.7		•
Erosion Bales		AC	\$ 831.00	=	-	\$	-
	CONTRACTOR .	EA	\$ 28.00	=	\$ = - ;	\$	
Erosion Logs/Straw Wattles	9,486	LF	\$ 6.00	=	\$ 56,916.00	\$	56,916.0
Rock Check Dams	3	EA	\$ 554.00	=	\$ 1,662.00	\$	1,662.0
Inlet Protection	7	EA	\$ 185.00	=	\$ 1,295.00	5	1,295.0
Sediment Basin	3	EΑ	\$ 1,952.00		\$ 5,856.00	s	5,856.0
Concrete Washout Basin	1	EA	\$ 997.00		\$ 997.00	5	997.0
Diversion Dilch	6,842	LF	\$ 2.00		\$ 13,684.00	and the second s	
insert items not listed but part of construction plans	0,012		2.00			5	13,684.0
	LINTENANCE (35%	of Const.	andia man-	-	\$ -	\$	-
	ATH LENANCE (35%	or Constr	uction BMPs)	=	\$ 35,244.65	\$	35,244.6
Subject to defect warranty financial assurance. A minimum of 20% shall alterined until final acceptance (MAXIMUM OF 60% COMPLETE		Saction	n 1 Subtotal	=	# F30 F00 4F		
OWED)			on readicular		\$ 528,590.15	\$	528,590.1
CTION 2 - PUBLIC IMPROVEMENTS *							
ADWAY IMPROVEMENTS							
Construction Traffic Control	1	LS				14	
Aggregate Base Course (135 lbs/cf)			6 04.00		\$	\$	
` '		Tons	\$ 31.00		-	\$	
ggregate Base Course (135 lbs/cf)							
	3,919	CY	\$ 56.00		\$ 219,464.00	\$	219,464.0
Asphalt Pavement (3" thick)	3,919	CY SY	\$ 56.00 \$ 16.00		\$ 219,464.00 \$	\$	219,464.0
Asphalt Pavement (3" thick)	3,919 17,814				\$	\$	
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick)		SY	\$ 16.00 \$ 21.00		\$	\$	
sphalt Pavement (3" thick) sphalt Pavement (4" thick) sphalt Pavement (6" thick)		SY SY SY	\$ 16.00 \$ 21.00 \$ 32.00		\$	\$ \$	
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Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Raised Median, Paved	17,814	SY SY SY Tons SF	\$ 16.00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 9.00	=	\$ 374,094.00 \$ - \$ - \$ -	\$ \$ \$ \$	374,094.0 - - -
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Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Asphalt Pave	17,814 9 7 3,094 6,415 5,851 /trail 27 238	SY SY SY STORE EA EA EA EA LF LF SY SY EA LF LF EA LF LF EA LF EA LF EA EA	\$ 16 00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 9.00 \$ 333.00 \$ 15 00 \$ 26.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 105.00 \$ 66.00 \$ 105.00 \$ 1,273.00 \$ 102.00 \$ 15.00 \$ 12.00 \$ 1,273.00 \$ 103.00 \$ 103.0	* * * * * * * * * * * * * * * * * * * *	\$ 374,094.00 \$ - \$ 2,997.00 \$ - \$ 2,997.00 \$ - \$ - \$ - \$ - \$ 99,008.00 \$ - \$ 205,280.00 \$ - \$ 386,166.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	99,008.0 2,997.0 386,166.0 34,371.0
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Asphalt Pave	17,814 9 7 3,094 6,415 5,851 /trail 27 238	SY SY STORE EA FEA AFFEA	\$ 16 00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 9.00 \$ 333.00 \$ 15 00 \$ 26.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 106.00 \$ 66.00 \$ 67.00 \$ 1,273.00 \$ 67.00 \$ 102.00 \$ 55.00 \$ 80.00 \$ 1,273.00 \$ 1,273.00 \$ 102.00 \$ 1,273.00 \$ 1,273.00		\$ 374,094.00 \$ - \$ 2,997.00 \$ - \$ 2,997.00 \$ - \$ - \$ - \$ 99,008.00 \$ - \$ 205,280.00 \$ - \$ 386,166.00 \$ - \$ 34,371.00 \$ 15,946.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	374,094.0 2,997.0 2,997.0 99,008.0 205,280.0 386,166.0
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) Asphalt Pavement Marking Asphalt Pavement (147 lbs/cf) Asphalt Pavement (147 lb	17,814 9 7 3,094 6,415 5,851 /trail 27 238	SY SY SY STORE EA EA EA EA LF LF SY SY EA LF LF EA LF LF EA LF EA LF EA EA	\$ 16 00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 9.00 \$ 333.00 \$ 15 00 \$ 26.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 105.00 \$ 66.00 \$ 105.00 \$ 1,273.00 \$ 102.00 \$ 15.00 \$ 12.00 \$ 1,273.00 \$ 103.00 \$ 103.0		\$ 374,094.00 \$ - \$ 2,997.00 \$ - \$ 2,997.00 \$ - \$ - \$ - \$ - \$ 99,008.00 \$ - \$ 205,280.00 \$ - \$ 386,166.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	374,094.0 2,997.0 99,008.0 205,280.0 386,166.0
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Asphalt Pavement Marking Asphalt Pavement (147 lbs/cf) Asphalt Pavement (17,814 9 7 3,094 6,415 5,851 /trail 27 238	SY SY STORE EA FEA AFFEA	\$ 16 00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 9.00 \$ 333.00 \$ 15 00 \$ 26.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 66.00 \$ 60.00 \$ 106.00 \$ 1,273.00 \$ 67.00 \$ 1,273.00 \$ 67.00 \$ 1,273.00 \$ 102.00 \$ 1,273.00 \$ 1,2		\$ 374,094.00 \$ - \$ 2,997.00 \$ - \$ 2,997.00 \$ - \$ - \$ 99,008.00 \$ - \$ 205,280.00 \$ - \$ 386,166.00 \$ - \$ 34,371.00 \$ 15,946.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	374,094.0 - - 2,997.0 - - 99,008.0
Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf)" thick Regulatory Sign/Advisory Sign Guide/Street Name Sign Epoxy Pavement Marking	17,814 9 7 3,094 6,415 5,851 /trail 27 238	SY YY TONS FA A FF EA	\$ 16 00 \$ 21.00 \$ 32.00 \$ 97.00 \$ 9.00 \$ 9.00 \$ 333.00 \$ 15.00 \$ 221.00 \$ 27.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 32.00 \$ 66.00 \$ 80.00 \$ 106.00 \$ 1,273.00 \$ 67.00 \$ 102.00 \$ 1,273.00 \$ 102.00 \$ 1,273.00 \$ 103.00 \$ 103.0		\$ 374,094.00 \$ - \$ 2,997.00 \$ - \$ 2,997.00 \$ - \$ - \$ 99,008.00 \$ - \$ 205,280.00 \$ - \$ 386,166.00 \$ - \$ 34,371.00 \$ 15,946.00 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	374,094.0 2,997.0 2,997.0 205,280.0 386,166.0 15,946.0

	PROJECT INFORMATION	
Homestead North at Sterling Ranch Filing 3	1/23/2023	SF 22-29
Project Name	Date	PCD File No.

Naconietie -			Unit		10			Plat Construction)
Description	Quantity	Units	Cost			Total	% Complete	Remaining
				-	\$	-		-
[insert items not listed but part of construction plans]					\$	-		-
TORM DRAIN IMPROVEMENTS								
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$		1	
18" Reinforced Concrete Pipe		LF	\$ 70.00	=	\$	-	1	-
24" Reinforced Concrete Pipe	413	LF	\$ 83.00	-	\$	34,279.00	1	34,279.0
30" Reinforced Concrete Pipe	231	LF	\$ 104.00	=	\$	24,024.00	9	24,024.0
36" Reinforced Concrete Pipe	536	LF	\$ 128.00	-	\$	68,608.00	9	68,608.0
42" Reinforced Concrete Pipe		LF	\$ 171.00		\$	-	5	
48" Reinforced Concrete Pipe		LF	\$ 209.00	-	\$		5	
54" Reinforced Concrete Pipe		LF	\$ 272.00	=	\$			
60" Reinforced Concrete Pipe		LF	\$ 319.00	-	\$		5	-
66* Reinforced Concrete Pipe		LF	5 368.00	-			5	
72* Reinforced Concrete Pipe		LF	\$ 421.00	_	\$	-	5	
18° Corrugated Steel Pipe		LF	\$ 90.00	_	\$			
24" Corrugated Steel Pipe		LF	\$ 103.00	_	\$		s	
30" Corrugated Steel Pipe		LF	\$ 131.00	_	\$		s	-
36" Corrugated Steel Pipe		LF	\$ 157.00	-	\$			-
42° Corrugated Steel Pipe		LF	\$ 180.00	-	\$		1	
48" Corrugated Steel Pipe		LF	\$ 190.00			.		-
54" Corrugated Steel Pipe		LF		-	\$	•		
60" Corrugated Steel Pipe		LF		-	\$		\$	
66" Corrugated Steel Pipe			\$ 300.00	-	\$	•	5	-
72" Corrugated Steel Pipe		LF	\$ 364.00	-	\$.	\$	
		LF	\$ 428.00	=	\$	-	\$	-
78" Corrugated Steel Pipe		LF	\$ 492.00	-	\$		\$	
84" Corrugated Steel Pipe Flamd End Section (FES) RCP Size = 30		LF	\$ 588.00	=	\$		\$	
Flamed End Section (FES) RCP Size = 30 (unit cost = 6x pipe unit cost)	1	EA	\$ 670.00	-	\$	670.00		670.0
Flared End Section (FES) CSP Size =		EA	Section 1		,	0,5,00		0,0,0
(unit cost = 6x pipe unit cost)		EA		*	\$	-	\$	
End Treatment- Headwall		EA		=	\$. 1		
End Treatment- Wingwall		EA		_	\$. 1		
End Treatment - Cutoff Wall		EA			\$		s	100
Curb Inlet (Type R) L=5', Depth < 5'		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		-	\$			
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA		_	\$	- 1	5	
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'			\$ 8,706.00	-	\$		\$	
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 10,898.00	**	\$		\$	
	6	EΑ	\$ 10,984.00	-	\$	65,904.00	\$	65,904.0
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		ΕA	\$ 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	-	\$	2	\$	
Storm Sewer Manhole, Box Base	2	EA	\$ 12,876.00	=	\$	25,752.00	5	25,752.0
Storm Sewer Manhole, Slab Base	1	EA	\$ 7,082.00	=	\$	7,082.00	\$	7,082.0
Geotextile (Erosion Control)		SY	\$ 7.00	=	\$		5	
lip Rap, d50 size from 6" to 24"		Tons	\$ 89.00	=	\$	-	s	
tip Rap, Grouted		Tons	\$ 105.00	=	\$	- 2	2	1
rainage Channel Construction, Size (W x H)		LF	S -		\$	2	·	
Prainage Channel Lining, Concrete		CY	\$ 631.00	=	S		s	100
rainage Channel Lining, Rip Rap		CY	\$ 124.00	=	s		š	
rainage Channel Lining, Grass		AC	\$ 1,626.00		\$		š	- 3
rainage Channel Lining, Other Stabilization		, 10	- 1,020.00	_	\$		1	
				_			1 5	
insert items not listed but part of construction plans?				_	\$		5	
ubject to defect warranty financial assurance. A minimum of 20% shall				-	\$		\$	
stained until final acceptance (MAXIMUM OF 60% COMPLETE		Section	n 2 Subtotal	=	\$	1,670,445.00	\$	1,670,445.00

	PROJECT INFORMATION	
Homestead North at Sterling Ranch Filing 3	1/23/2023	SF 22-29
Project Name	Date	PCD File No.

			Unit	- (2)		(with Pre-PI	at Construction)
Description	Quantity	Units	Cost		Total	% Complete	Remaining
ECTION 3 - COMMON DEVELOPMENT IN	IPROVEMENTS (Priv	ate or Dis	trict and NOT	Maintained I	by EPC)**		
OADWAY IMPROVEMENTS							
				= 5		5	
				= \$		5	
				- \$		s	
						5	
				= 5	- 2	s	
						S	
ORM DRAIN IMPROVEMENTS	Exception: Permanent Pon	d/BMP shall t	e itemized under	Section 1)		-	
			The Park Street	- S	04	5	
				= s		Same and S	
				= 5			
				· s			
				- 5			
Added	Sewer and W	ater :	back to	this FA	Æ, bond r	ot poste	d with
	Grading Utilities FAE		y gradin				
Water Main Pipe (PVC), Size 8"	The second second second	LF	\$ 71.00	<u>.</u>	12		1
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 83.00				
Gate Valves, 8"		EA	\$ 2,058.00				1
Fire Hydrant Assembly, w/ all valves		EA	\$ 7,306.00	- 6			
Water Service Line Installation, Inc. tap and valves		EA	\$ 1,466.00				
Fire Cistern Installation, complete		EA		= 5			
					- 9		
[insert items not listed but part of construction plans]				- 5	8		
	Grading Utilities FAE			- 1		,	
Sewer Main Pipe (PVC), Size 8"	22,000	LF	\$ 71.00		2.1		
Sanitary Sewer Manhole, Depth < 15 feet		EA.	\$ 4,858.00	- D			
Sanitary Service Line Installation, complete		EA	\$ 1,553.00	3	<u> </u>		- :
Sanitary Sewer Lift Station, complete		EA	2 2,333.00	S (1)			
				3	9.7		
[insert items not listed but part of construction plans]							
NDSCAPING IMPROVEMENTS	(For subdivision spec	dic condition	of annount or Di			\$	
Landscaping Improvements	(i ai annaisiant) spec	EA	\$100,000.00	= \$	100,000.00		
Noise Wall along Vollmer	1,680	LF	\$ 65.00	3 5		<u> </u>	100,000.0
The state of the s	1,000	EA	\$ 03.00	3	109,200.00	\$	109,200.
		EA			9		
		EA EA		5 5		\$	1.7
	item for 6	EA		- * I \$		\$	-

trail along Vollmer? Poco?

	PROJECT INFORMATION	
Homestead North at Sterling Ranch Filing 3	1/23/2023	SF 22-29
Project Name	Date	PCD File No.

		Ollik					(Mitti Lia-Lia		at Construction)	
Description	Quantity	Units	1	Cost		22	Total	% Complete		Remaining
* - Section 3 is not subject to defect warranty requirements		Secti	on 3	Subtotal	=	\$	209,200.00	A 8611111 - T	\$	209,200.00
AS-BUILT PLANS (Public Improvements Inc. Permanent WC		LS	S	5,000.00	=	\$	5,000.00		\$	5,000.00
POND/BMP CERTIFICATION (inc. elevations and volume ca	(culations)	LS	\$	5,000.00	=	\$	5,000.00		\$	5,000.00
					Tota	al Const	truction Financia	l Assurance	\$	2,418,235.15
			(Sum of all sec	tion subto	otais plus	as-builts and pond/B!	MP certification)		
	Total Remai	ining Con	struc	tion Finan	cial Ass	urance	(with Pre-Plat C	onstruction)	\$	2,418,235.15
							as-builts and pond/Bl			

Total Defect Warranty Financial Assurance \$ 411,630.10
(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 speciated with the Project.

ADO LICENS

BRAM

WB

Engineer (P.E. Seal Required)

Approved by County Engineer / ECM Administrator

Date