2019 Financial Assurance Estimate Form

(with pre-plat construction)

(with pre-plat construction)		Updated: 6/7/2019
	PROJECT INFORMATION	
Walden Preserve 2 - Filing No. 4 (23 lots; 2,017 LF)	7/12/2019	SF-18-034
Project Name	Date	PCD File No.

			Unit				(with Pr	e-Plat C	construction)
escription	Quantity	Units	Cost			Total	% Complete		Remaining
CTION 1 - GRADING AND EROSION CONTRO	OL (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	14,900	CY	\$ 5.00	=	\$	74,500.00		\$	74,500.
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.)	4	AC	\$ 800.00	=	\$	3,200.00		\$	3,200.
* Mulching	4	AC	\$ 750.00	=	\$	3,000.00		\$	3,000.
* Permanent Erosion Control Blanket	2,950	SY	\$ 6.00		\$	17,700.00		\$	17,700.
Permanent Pond/BMP Construction	650	CY	\$ 20.00		\$	13,000.00		\$	13,000.
* Permanent Pond/BMP (Spillway)	1	EA	\$ 8,000.00		\$	8,000.00		\$	8,000.
` · · · · · · · · · · · · · · · · · · ·	1	EA	\$ 6,000.00			6,000.00		\$	6,000
Permanent Pond/BMP (Outlet Structure)	1	LF			\$	0,000.00			0,000.
Safety Fence			\$ 3.00	=	\$	-		\$	
emporary Erosion Control Blanket		SY	\$ 3.00	=	\$	-		\$	
/ehicle Tracking Control	1	EA	\$ 2,370.00	=	\$	2,370.00		\$	2,370
Silt Fence	1,150	LF	\$ 2.50	=	\$	2,875.00		\$	2,875
emporary Seeding		AC	\$ 628.00	=	\$	-		\$	
emporary Mulch		AC	\$ 750.00	=	\$	-		\$	
rosion Bales		EA	\$ 25.00	=	\$	-		\$	
Frosion Logs/Straw Waddle	33	LF	\$ 5.00	=	\$	165.00		\$	165
Rock Check Dams		EA	\$ 500.00	=	\$	-		\$	
let Protection		EA	\$ 167.00	=	\$	-		\$	
ediment Basin	1	EA	\$ 1,762.00	=	\$	1,762.00		\$	1,762
Concrete Washout Basin		EA	\$ 900.00	=	\$	-		\$	
				=	\$	-		\$	
nsert items not listed but part of construction plans]				=	\$	-		\$	
	AINTENANCE (35%	% of Constr	uction BMPs)	=	\$	2,510.20		\$	2,510
tained until final acceptance (MAXIMUM OF 80% COMPLETE WED)		Section	n 1 Subtotal	=	\$	135,082.20		\$	135,082.2
tained until final acceptance (MAXIMUM OF 80% COMPLETE WED) CTION 2 - PUBLIC IMPROVEMENTS *		Section	on 1 Subtotal	=	\$	135,082.20		\$	135,082.2
tained until final acceptance (MAXIMUM OF 80% COMPLETE WED) CTION 2 - PUBLIC IMPROVEMENTS * ADWAY IMPROVEMENTS		Section	on 1 Subtotal	=	\$	135,082.20		\$	135,082.
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web) TION 2 - PUBLIC IMPROVEMENTS * DWAY IMPROVEMENTS construction Traffic Control ggregate Base Course (135 lbs/cf) ggregate Base Course (135 lbs/cf) ggregate Base Course (135 lbs/cf) ggregate Base Course (147 lbs/cf) gphalt Pavement (3" thick) sphalt Pavement (6" thick) sphalt Pavement (6" thick) sphalt Pavement (6" thick) sphalt Pavement (8" thick) sphalt Pavement (8" thick) sphalt Pavement (147 lbs/cf) aised Median, Paved egulatory Sign/Advisory Sign uide/Street Name Sign poxy Pa permopla sure And Gutter, Type C (Ramp) "Sidewalk (common areas only) "Sidewalk Sidewalk Sidewalt Sidewa	7,425 1,450 7	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00 \$ 88.00 \$ 300.00 \$ 13.00 \$ 23.00 \$ 200.00 \$ 24.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 13.00 \$ 13.00 \$ 24.00 \$ 30.00 \$ 30		* * * * * * * * * * * * * * * * * * * *	- 58,100.00 - - - 215,325.00 127,600.00 - 2,100.00 - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	58,100 215,329 127,600 2,100 200
web) TION 2 - PUBLIC IMPROVEMENTS * DWAY IMPROVEMENTS onstruction Traffic Control ggregate Base Course (135 lbs/cf) ggregate Base Course (135 lbs/cf) ggregate Base Course (135 lbs/cf) sphalt Pavement (3" thick) sphalt Pavement (6" thick) sphalt Pavement (147 lbs/cf) A" thick aised Median, Paved egulatory Sign/Advisory Sign uide/Street Name Sign poxy Paragraphic Check. Remove if typo. elimeator Propose Paragraphic Check arricade elimeator Sidewalk curb and Gutter, Type B (Median) urb and Gutter, Type C (Ramp) 'Sidewalk (common areas only) 'Sidewalk 'Sidewalk 'Sidewalk edestrian Ramp ross Pan, local (8" thick, 6' wide to include return) ross Pan, collector (9" thick, 8' wide to include return) urb Chase uardrail Type 3 (W-Beam) uardrail Type 7 (Concrete) uardrail Impact Attenuator	7,425 1,450 7	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00 \$ 88.00 \$ 300.00 \$ 13.00 \$ 23.00 \$ 200.00 \$ 24.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 13.00 \$ 24.00 \$ 30.00 \$ 30		* * * * * * * * * * * * * * * * * * * *	- 58,100.00 - - - 215,325.00 127,600.00 - - 2,100.00 - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	215,325 127,600 2,100 200
web) TION 2 - PUBLIC IMPROVEMENTS * DWAY IMPROVEMENTS Instruction Traffic Control ggregate Base Course (135 lbs/cf) ggregate Base Course (135 lbs/cf) ggregate Base Course (135 lbs/cf) ggregate Base Course (147 lbs/cf) sphalt Pavement (3" thick) sphalt Pavement (6" thick) sphalt Pavement (6" thick) sphalt Pavement (147 lbs/cf) A" thick aised Median, Paved egulatory Sign/Advisory Sign uide/Street Name Sign poxy Particle Check emmoplate Check emmoplate Check arricade elineator urb and Gutter, Type B (Median) urb and Gutter, Type C (Ramp) Sidewalk Sidewald Sidewalk Sidewald Sidewal	7,425 1,450 7	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF LF EA LF	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00 \$ 88.00 \$ 300.00 \$ 13.00 \$ 23.00 \$ 200.00 \$ 24.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 11.150.00 \$ 61.00 \$ 92.00 \$ 1,480.00 \$ 49.00 \$ 72.00 \$ 1,480.00 \$ 37.00 \$ 1,480.00 \$ 37.00 \$ 37.00 \$ 37.00 \$ 37.00 \$ 37.00 \$ 37.00		* * * * * * * * * * * * * * * * * * * *	- 58,100.00 - - - 215,325.00 127,600.00 - - 2,100.00 200.00 - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	215,325 127,600 2,100 200
Lained until final acceptance (MAXIMUM OF 80% COMPLETE WEED) COTTON 2 - PUBLIC IMPROVEMENTS Onstruction Traffic Control ggregate Base Course (135 lbs/cf) ggregate Base Course (135 lbs/cf) ggregate Base Course (135 lbs/cf) sphalt Pavement (3" thick) sphalt Pavement (6" thick) sphalt Pavement (6" thick) sphalt Pavement (6" thick) sphalt Pavement (147 lbs/cf) aised Median, Paved egulatory Sign/Advisory Sign uide/Street Name Sign poxy Particular Course (1970) poxy Particular Course (7,425 1,450 7	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00 \$ 88.00 \$ 300.00 \$ 100.00 \$ 13.00 \$ 23.00 \$ 24.00 \$ 30.00 \$ 30.00 \$ 48.00 \$ 60.00 \$ 72.00 \$ 96.00 \$ 1,150.00 \$ 61.00 \$ 92.00 \$ 1,480.00 \$ 72.00 \$ 20.00 \$ 1,480.00 \$ 72.00 \$ 1,480.00 \$ 1,		* * * * * * * * * * * * * * * * * * * *	- 58,100.00 - - - 215,325.00 127,600.00 - 2,100.00 200.00 - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	135,082.i. 58,100 215,325 127,600 2,100 200
Aggregate Base Course (135 lbs/cf) Asphalt Pavement (3" thick) Asphalt Pavement (4" thick) Asphalt Pavement (6" thick) Asphalt Pavement (6" thick) Asphalt Pavement (147 lbs/cf) 4_" thick Raised Median, Paved Regulatory Sign/Advisory Sign Gouide/Street Name Sign Epoxy Par Double check. Barricade Remove if typo. Delineator Type I Curb and Gutter, Type B (Median)	7,425 1,450 7	LS Tons CY SY SY SY Tons SF EA EA LF LF LF SY SY SY LF LF EA LF	\$ 28.00 \$ 50.00 \$ 14.00 \$ 19.00 \$ 29.00 \$ 88.00 \$ 300.00 \$ 13.00 \$ 23.00 \$ 200.00 \$ 24.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 30.00 \$ 11.150.00 \$ 61.00 \$ 92.00 \$ 1,480.00 \$ 49.00 \$ 72.00 \$ 1,480.00 \$ 37.00 \$ 1,480.00 \$ 37.00 \$ 37.00 \$ 37.00 \$ 37.00 \$ 37.00 \$ 37.00		* * * * * * * * * * * * * * * * * * * *	- 58,100.00 - - - 215,325.00 127,600.00 - - 2,100.00 200.00 - - - - - - - - - - - - - - - - -		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	58,1 215,3 127,6 2,1

PROJECT INFORMATION									
Walden Preserve 2 - Filing No. 4 (23 lots; 2,017 LF)	7/12/2019	SF-18-034							
Project Name	Date	PCD File No.							

Description	Quantity	Units	Unit Cost		Total	(with Pre % Complete	nstruction) Remaining
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
Concrete Box Culvert (M Standard), Size (W x H)		LF			\$ 		\$
18" Reinforced Concrete Pipe		LF	\$ 65.00		\$ 		\$
24" Reinforced Concrete Pipe	160	LF	\$ 78.00		\$ 12,480.00		\$ 12,480.00
·	100	LF	-		\$ 12,460.00		12,460.0
30" Reinforced Concrete Pipe			-	=			\$
36" Reinforced Concrete Pipe		LF	\$ 120.00	=	\$ -		\$ -
42" Reinforced Concrete Pipe		LF	\$ 160.00	=	\$ -		\$ -
48" Reinforced Concrete Pipe		LF	\$ 195.00	=	\$ -		\$ -
54" Reinforced Concrete Pipe		LF	\$ 245.00	=	\$ -		\$ -
60" Reinforced Concrete Pipe		LF	\$ 288.00	=	\$ -		\$ -
66" Reinforced Concrete Pipe		LF	\$ 332.00	=	\$ -		\$ -
72" Reinforced Concrete Pipe		LF	\$ 380.00	=	\$ -		\$ -
18" Corrugated Steel Pipe		LF	\$ 84.00	=	\$ -		\$ -
24" Corrugated Steel Pipe		LF	\$ 96.00	=	\$ -		\$ -
30" Corrugated Steel Pipe		LF	\$ 122.00	=	\$ -		\$ -
36" Corrugated Steel Pipe		LF	\$ 147.00	=	\$ -		\$ -
42" Corrugated Steel Pipe		LF	\$ 168.00	=	\$ -		\$ -
48" Corrugated Steel Pipe		LF	\$ 178.00	=	\$ -		\$ -
54" Corrugated Steel Pipe		LF	\$ 260.00	=	\$ -		\$ -
60" Corrugated Steel Pipe		LF	\$ 280.00	=	\$ -		\$ -
66" Corrugated Steel Pipe		LF	\$ 340.00	=	\$ -		\$ -
72" Corrugated Steel Pipe		LF	\$ 400.00	=	\$ _		\$ -
78" Corrugated Steel Pipe		LF	\$ 460.00	=	\$ _		\$
84" Corrugated Steel Pipe		LF	\$ 550.00	=	\$ _		\$ _
Flared End Section (FES) RCP Size = 24" (unit cost = 6x pipe unit cost)	4	EA	\$ 468.00	_	\$ 1,872.00		\$ 1,872.0
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	\$ 5,542.00	=	\$ -		\$ -
Curb Inlet (Type R) L=5', 5' ≤ Depth < 10'		EA	\$ 7,188.00	=	\$ -		\$ -
Curb Inlet (Type R) L =5', 10' ≤ Depth < 15'		EA	\$ 8,345.00	=	\$ -		\$ _
Curb Inlet (Type R) L =10', Depth < 5'		EA	\$ 7,627.00	=	\$ _		\$ _
Curb Inlet (Type R) L =10', 5' ≤ Depth < 10'		EA	\$ 7,861.00	=	\$ _		\$
Curb Inlet (Type R) L =10', 10' ≤ Depth < 15'		EA	\$ 9,841.00	=	\$ _		\$
Curb Inlet (Type R) L =15', Depth < 5'		EA	\$ 9,918.00	=	\$ _		\$ _
Curb Inlet (Type R) L =15', 5' ≤ Depth < 10'		EA	\$ 10,633.00		\$ 		\$ _
Curb Inlet (Type R) L = 15', 5 ≤ Depth < 15'		EA	\$ 10,033.00		\$ 		\$
Curb Inlet (Type R) L = 20', Depth < 5'		EA	\$ 10,570.00		\$ 		\$
		EA			\$ 		
Curb Inlet (Type R) L =20', 5' ≤ Depth < 10'		EA			 		\$
Grated Inlet (Type C), Depth < 5'			\$ 4,640.00	=	\$ 		\$
Grated Inlet (Type D), Depth < 5'		EA	\$ 5,731.00	=	\$		\$
Storm Sewer Manhole, Box Base		EA	\$ 11,627.00	=	\$ -		\$ -
Storm Sewer Manhole, Slab Base		EA	\$ 6,395.00	=	\$ -		\$ -
Geotextile (Erosion Control)		SY	\$ 6.00	=	\$ 		\$
Rip Rap, d50 size from 6" to 24"	15	Tons	\$ 80.00	=	\$ 1,200.00		\$ 1,200.0
Rip Rap, Grouted		Tons	\$ 95.00	=	\$ -		\$ -
Drainage Channel Construction, Size (W x H)		LF		=	\$ -		\$ -
Drainage Channel Lining, Concrete		CY	\$ 570.00	=	\$ -		\$ -
Drainage Channel Lining, Rip Rap		CY	\$ 112.00	=	\$ -		\$ -
Drainage Channel Lining, Grass		AC	\$ 1,469.00	=	\$ -		\$ -
Drainage Channel Lining, Other Stabilization				=	\$ -		\$ -
				=	\$ -		\$ -
[insert items not listed but part of construction plans]				=	\$ -		\$ -
Subject to defect warranty financial assurance. A minimum of 20% shall							

PROJECT INFORMATION								
Walden Preserve 2 - Filing No. 4 (23 lots; 2,017 LF)	7/12/2019	SF-18-034						
Project Name	Date	PCD File No.						

					Unit				(with Pre	-Plat C	Construction)
Description		Quantity	Units		Cost			Total	% Complete		Remaining
SECTION 3 - COMMON DEVELOPM	IENT IMPROV	/EMENTS (Priv	vate or Dist	trict	t and NO	T Maintai	ned b	y EPC)**			
ROADWAY IMPROVEMENTS											
						=	\$	-		\$	-
	Davida	Canataura	حلم مادنا		ر مالا م	.4 4= 0	411	-		\$	-
		Construc					4\$	-		\$	-
	and 42"	RCP. Ac	ceptable	e r	materi	al for	\$	-		\$	-
							\$	-		\$	-
		/ culverts					\$	-		\$	-
STORM DRAIN IMPROVEMENTS	(Excepti	on: Permanent Po		_							
15" HDPE Pipe		56	LF	\$	55.00	=	\$	3,080.00		\$	3,080.00
24" HDPE Pipe		25	LF	\$	78.00	=	\$	1,950.00		\$	1,950.00
42" HDPE Pipe Flared End Section (FES) RCP Size =	45"	216	LF	\$	160.00	=	\$	34,560.00		\$	34,560.00
(unit cost = 6x pipe unit cost)	15"	1	EA	\$	330.00	=	\$	330.00		\$	330.00
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)	24"	2	EA	\$	468.00	=	\$	936.00		\$	936.00
Flared End Section (FES) RCP Size = (unit cost = 6x pipe unit cost)	42"	2	EA	\$	960.00	=	\$	1,920.00		\$	1,920.00
Rip Rap, d50 size from 6" to 24"		23	Tons	\$	80.00	=	\$	1,800.00		\$	1,800.00
						=	\$	-		\$	-
						=	\$	-		\$	-
WATER SYSTEM IMPROVEMENTS											
Water Main Pipe (PVC), Size 8"		2,450	LF	\$	40.00	=	\$	98,000.00		\$	98,000.00
Water Main Pipe (Ductile Iron), Size 8"			LF	\$	75.00	=	\$	-		\$	-
Gate Valves, 8"		6	EA	\$	1,858.00	=	\$	11,148.00		\$	11,148.00
Fire Hydrant Assembly, w/ all valves		5	EA	\$	6,597.00	=	\$	32,985.00		\$	32,985.00
Water Service Line Installation, inc. tap and	valves	23	EA	\$	1,324.00	=	\$	30,452.00		\$	30,452.00
Fire Cistern Installation, complete			EA			=	\$	-		\$	-
						=	\$	-		\$	-
[insert items not listed but part of construction	on plans]					=	\$	-		\$	-
SANITARY SEWER IMPROVEMENTS											
Sewer Main Pipe (PVC), Size 8"		1,300	LF	\$	40.00	=	\$	52,000.00		\$	52,000.00
Sanitary Sewer Manhole, Depth < 15 feet		5	EA	\$	4,386.00	=	\$	21,930.00		\$	21,930.00
Sanitary Service Line Installation, complete		23	EA	\$	1,402.00	=	\$	32,246.00		\$	32,246.00
Sanitary Sewer Lift Station, complete			EA			=	\$	-		\$	-
Financial Home and listed but need of	on plane!					=	\$	-		\$	-
[insert items not listed but part of construction LANDSCAPING IMPROVEMENTS	· •	For outdininian	onific conditi	of c	pprovel s-		\$	-		\$	-
LANDSCAPING IMPROVEMENTS	(For subdivision sp		or a	pprovai, or	PUD) =	+			+	
			EA EA			=	\$	-		\$	-
			EA				\$			\$	
			EA				\$	-		\$	
			EA				\$			\$	
** - Section 3 is not subject to defect warranty requiremen	nte			- 2	Subtotal	=	\$ \$	323,337.00		\$ \$	323,337.00

PROJECT INFORMATION									
Walden Preserve 2 - Filing No. 4 (23 lots; 2,017 LF) 7/12/2019 SF-18-034									
Project Name	Date	PCD File No.							

				Unit				(with Pre	-Plat (Construction)
Description	Quantity	Units		Cost			Total	% Complete		Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQ	CV BMPs)	LS	\$	2,000.00	=	\$	2,000.00		\$	2,000.00
POND/BMP CERTIFICATION (inc. elevations and volume cal	culations)	LS	\$	2,000.00	=	\$	2,000.00		\$	2,000.00
					Total	Const	ruction Financia	I Assurance	\$	881,296.20
			(5	Sum of all se	ction subtota	ıls plus a	s-builts and pond/BI	MP certification)		
	Total Rema	ining Cons	truc	tion Final	ncial Assu	rance	(with Pre-Plat C	onstruction)	¢	881 296 20

Total Defect Warranty Financial Assurance \$ 108,855.40

(20% of all items identified as (*). To be collateralized at time of preliminary acceptance)

(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)

on the Grading and Erosion Control Plan and Construction Drawings associated with the Project.
Date
Date