

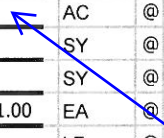
2015 Financial Assurance Estimate Form

(Basic form)

8/6/2015

Project Information	
Starbucks - Lot 2B Claremont Ranch Filing No. 9B	11/17/2017
Project Name	Date

Section 1 - Grading and Erosion Control BMPs	Quantity	Units	Price	
Earthwork*	1,225.00	CY @	\$ 5	= \$ 6,125.00 *
Permanent Seeding* (inc. noxious weed management)	0.10	AC @	\$ 582	= \$ 58.20 *
Mulching*		AC @	\$ 507	= \$ *
Permanent Erosion Control Blanket*		SY @	\$ 6	= \$ *
Temporary Erosion Control Blanket		SY @	\$ 3	= \$
Vehicle Tracking Control	1.00	EA @	\$ 1,625	= \$ 1,625.00
Safety Fence		LF @	\$	= \$
Silt Fence	315.00	LF @	\$ 4	= \$ 1,260.00
Temporary Seeding		AC @	\$ 485	= \$
Temporary Mulch		AC @	\$ 507	= \$
Erosion Bales		EA @	\$ 21	= \$
Erosion Logs		LF @	\$ 6	= \$
Rock Ditch Checks		EA @	\$	= \$
Inlet Protection	3.00	EA @	\$ 153	= \$ 459.00
Sediment Basin		EA @	\$ 1,625	= \$
Concrete Washout Basin	1.00	EA @	\$ 776	= \$ 776.00
		@	\$	= \$
Specified items subject to defect warranty financial assurance				
Section 1 Subtotal				= \$ 10,303.20



Add 0.10 for mulching

Section 2 - Public Improvements**	Quantity	Units	Price	
- Roadway Improvements				
Construction Traffic Control		LS @	\$	= \$
Aggregate Base Course		Tons @	\$ 18	= \$
Asphalt Pavement		Tons @	\$ 65	= \$
Raised Median, Paved		SF @	\$ 7	= \$
Electrical Conduit, Size =		LF @	\$ 14	= \$
Traffic Signal, complete intersection		EA @	\$ 250,000	= \$
Regulatory Sign		EA @	\$ 100	= \$
Advisory Sign		EA @	\$ 100	= \$
Guide/Street Name Sign		EA @	\$	= \$
Epoxy Pavement Marking		SF @	\$ 12	= \$
Thermoplastic Pavement Marking		SF @	\$ 22	= \$
Barricade - Type 3		EA @	\$ 115	= \$
Delineator (Type I)		EA @	\$ 21	= \$
Curb and Gutter, Type C (Ramp)		LF @	\$ 21	= \$
Curb and Gutter, Type A (6" Vertical)		LF @	\$ 16	= \$
Curb and Gutter, Type B (Median)		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	=	\$
- Storm Drain Improvements							
Concrete Box Culvert (M Standard), Size (W x H)		LF	@	\$		=	\$
Reinforced Concrete Pipe (RCP) Size		LF	@	\$		=	\$
18" Reinforced Concrete Pipe		LF	@	\$	\$69	=	\$
24" Reinforced Concrete Pipe		LF	@	\$	\$84	=	\$
30" Reinforced Concrete Pipe		LF	@	\$	\$94	=	\$
36" Reinforced Concrete Pipe		LF	@	\$	\$124	=	\$
42" Reinforced Concrete Pipe		LF	@	\$	\$134	=	\$
48" Reinforced Concrete Pipe		LF	@	\$	\$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	=	\$
Flared End Section (FES) RCP +		EA	@	\$		=	\$
Flared End Section (FES) CSP +		EA	@	\$		=	\$
End Treatment- Headwall		EA	@	\$		=	\$
End Treatment- Wingwall		EA	@	\$		=	\$
End Treatment - Cutoff Wall		EA	@	\$		=	\$
Curb Inlet (Type R) L=5', Depth < 5 feet		EA	@	\$	\$3,791	=	\$
Curb Inlet (Type R) L=5', 5'-10' Depth		EA	@	\$	\$5,044	=	\$
Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	@	\$	\$6,027	=	\$
Curb Inlet (Type R) L =10' , Depth < 5 feet		EA	@	\$	\$5,528	=	\$
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	@	\$	\$6,694	=	\$
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	@	\$	\$7,500	=	\$
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	=	\$
Curb Inlet (Type R) L =20' , Depth < 5 feet		EA	@	\$	\$8,000	=	\$
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)		SY	@	\$	\$5	=	\$
Rip Rap, d50 Size from 6" to 24"		CY	@	\$	\$98	=	\$
Rip Rap, Grouted		CY	@	\$	\$215	=	\$
Drainage Channel Construction, Size (W x H)		LF	@	\$		=	\$
Channel Lining, Concrete		CY	@	\$	\$450	=	\$
Channel Lining, Rip Rap		CY	@	\$	\$98	=	\$
Channel Lining, Grass		AC	@	\$	\$1,287	=	\$
Channel Lining, Other Stabilization		SY	@	\$	\$3	=	\$
Detention Outlet Structure		EA	@	\$		=	\$
Detention Emergency Spillway		EA	@	\$		=	\$
Permanent Water Quality Facility (Describe)		EA	@	\$		=	\$
**all items this section subject to defect warranty financial assurance. † For flared end sections, multiply pipe LF cost by 6							
					Section 2 Subtotal	=	\$ ***

Section 3 - Common Development Improvements (Private or District)***	Quantity	Units		Price		
- Roadway Improvements						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
Concrete Sidewalk	250.00	SY	@	\$ 38	=	\$ 9,500.00
			@	\$	=	\$
			@	\$	=	\$
- Storm Drain Improvements						
(Include any applicable items from above Public Improvements list, that are to be private and NOT maintained by El Paso County)			@	\$	=	\$
			@	\$	=	\$
			@	\$	=	\$
12" Reinforced Concrete Pipe	178.00	LF	@	\$ 42	=	\$ 7,476.00
18" Reinforced Concrete Pipe	58.00	LF	@	\$ 69	=	\$ 4,002.00
Curb Inlet (Type R) L=5', Depth < 5 feet	1.00	EA	@	\$ 3,791	=	\$ 3,791.00
Grated Inlet (Type C), < 5' deep	1.00	EA	@	\$ 3,270	=	\$ 3,270.00
Storm Sewer Manhole, Slab Base, Depth < 15 feet	1.00	EA	@	\$ 4,575	=	\$ 4,575.00
- Water System Improvements						
Water Main Pipe (PVC), Size 8"		LF	@	\$ 94	=	\$
Water Main Pipe (Ductile Iron), Size 8"		LF	@	\$ 137	=	\$
Gate Valves, 8"		EA	@	\$ 1,852	=	\$
Fire Hydrant Assembly w/ all valves		EA	@	\$ 6,430	=	\$
Water Service Line Installation, inc. tap & valves	1.00	EA	@	\$ 1,253	=	\$ 1,253.00
Fire Cistern Installation, complete		EA	@	\$	=	\$
- 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	1.00	EA	@	\$ 1,516	=	\$ 1,516.00
Sanitary Sewer Lift Station, complete		EA	@	\$	=	\$
- Landscaping (If Applicable)						
(List landscaping line items and cost - usually only in case of subdivision specific condition of approval, or PUD)		EA	@	\$	=	\$
		EA	@	\$	=	\$
		EA	@	\$	=	\$
		EA	@	\$	=	\$
		EA	@	\$	=	\$
***items in this section are not subject to defect warranty financial assurance						
Section 3 Subtotal					=	\$ 27,538.00

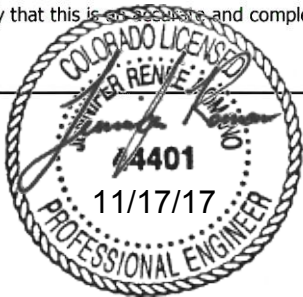
Financial Assurance Totals

As-built drawings - (FILL IN IF THERE ARE ANY PUBLICLY-MAINTAINED IMPROVEMENTS)		\$
(Inc. survey to verify detention pond volumes.)	Construction Financial Assurance Total	= \$ <u>37,841.20</u>
	(Sum of all Section Totals)	
	Public Improvements Total* **	\$ 6,183.20
	Defect Warranty Financial Assurance Total	= \$ <u>1,236.64</u>
	(20% of Section 2 Subtotal and 20% of identified Grading and Erosion BMP items)	

Approvals

I hereby certify that this is an accurate and complete estimate of costs for the work as shown on the approved Construction Drawings associated with the Project.

Engineer



(P.E. Seal)

Date

[Handwritten Signature]

11/17/17

Approved by Owner / Applicant

Date

Approved by El Paso County Engineer / ECM Administrator

Date

Markup Summary

dsdlaforce (1)

Quantity	Unit	Price	Total
1.225.00	1	81	6,115.00
1.225.00	2	81	6,115.00
1.225.00	3	81	6,115.00
1.225.00	4	81	6,115.00
1.225.00	5	81	6,115.00
1.225.00	6	81	6,115.00
1.225.00	7	81	6,115.00
1.225.00	8	81	6,115.00
1.225.00	9	81	6,115.00
1.225.00	10	81	6,115.00
1.225.00	11	81	6,115.00
1.225.00	12	81	6,115.00
1.225.00	13	81	6,115.00
1.225.00	14	81	6,115.00
1.225.00	15	81	6,115.00
1.225.00	16	81	6,115.00
1.225.00	17	81	6,115.00
1.225.00	18	81	6,115.00
1.225.00	19	81	6,115.00
1.225.00	20	81	6,115.00
1.225.00	21	81	6,115.00
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1.225.00	26	81	6,115.00
1.225.00	27	81	6,115.00
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1.225.00	29	81	6,115.00
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1.225.00	31	81	6,115.00
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1.225.00	97	81	6,115.00
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1.225.00	99	81	6,115.00
1.225.00	100	81	6,115.00

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Checkmark: Unchecked
Author: dsdlaforce
Date: 12/12/2017 5:25:59 PM
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Add 0.10 for mulching