

2017 Financial Assurance Estimate Form (with pre-plat construction)

We are still working
under the 2015
FAE Form. You
may use whichever
one you like.

Updated: 3/23/17

PROJECT INFORMATION						
Seeger Homes Inc. Sales Office			7/6/2018			
Project Name			Date		PCD File No.	
Description	Quantity	Units	Price	Total	(with Pre-plat Construction) % Complete	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)						
* Earthwork	240.00	CY	\$ 9 =	\$ 2,160		\$ 2,160 *
* Permanent Seeding (inc. noxious weed mgmnt.)	0.30	AC	\$ 582 =	\$ 175		\$ 175 *
* Mulching	0.30	AC	\$ 527 =	\$ 158		\$ 158 *
* Permanent Erosion Control Blanket		SY	\$ 6 =	\$ -		\$ - *
* Permanent Pond/BMP Construction		CY	\$ 19 =	\$ -		\$ - *
* Permanent Pond/BMP (Spillway)		EA	=	\$ -		\$ - *
* Permanent Pond/BMP (Outlet Structure)		EA	=	\$ -		\$ - *
Temporary Erosion Control Blanket		SY	\$ 3 =	\$ -		\$ -
Vehicle Tracking Control	1.00	EA	\$ 2,242 =	\$ 2,242		\$ 2,242
Safety Fence		LF	\$ 3 =	\$ -		\$ -
Silt Fence	285.00	LF	\$ 4 =	\$ 1,140		\$ 1,140
Temporary Seeding		AC	\$ 582 =	\$ -		\$ -
Temporary Mulch		AC	\$ 527 =	\$ -		\$ -
Erosion Bales		EA	\$ 24 =	\$ -		\$ -
Erosion Logs	289.00	LF	\$ 6 =	\$ 1,734		\$ 1,734
Rock Check Dams		EA	\$ 195 =	\$ -		\$ -
Inlet Protection		EA	\$ 158 =	\$ -		\$ -
Sediment Basin		EA	\$ 1,667 =	\$ -		\$ -
Concrete Washout Basin	1.00	EA	\$ 1,000 =	\$ 1,000		\$ 1,000
			=	\$ -		\$ -
[insert items not listed but part of construction plans]			=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)				= \$ 2,141		\$ 2,141
* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)						
SECTION 1 SUBTOTAL				= \$ 10,749		\$ 10,749
SECTION 2 - PUBLIC IMPROVEMENTS *						
ROADWAY IMPROVEMENTS						
Construction Traffic Control		LS	\$ 1,500 =	\$ -		\$ - *
Aggregate Base Course (150 lbs/cf)		Tons	\$ 24 =	\$ -		\$ - *
Asphalt Pavement (135 lbs/cf)		Tons	\$ 83 =	\$ -		\$ - *
Raised Median, Paved		SF	\$ 8 =	\$ -		\$ - *
Regulatory Sign		EA	\$ 177 =	\$ -		\$ - *
Advisory Sign		EA	\$ 177 =	\$ -		\$ - *
Guide/Street Name Sign		EA	=	\$ -		\$ - *
Epoxy Pavement Marking		SF	\$ 12 =	\$ -		\$ - *
Thermoplastic Pavement Marking		SF	\$ 22 =	\$ -		\$ - *
Barricade - Type 3		EA	\$ 118 =	\$ -		\$ - *
Delineator - Type I		EA	\$ 23 =	\$ -		\$ - *
Curb and Gutter, Type A (6" Vertical)		LF	\$ 17 =	\$ -		\$ - *
Curb and Gutter, Type B (Median)		LF	\$ 19 =	\$ -		\$ - *
Curb and Gutter, Type C (Ramp)		LF	\$ 23 =	\$ -		\$ - *
4" Sidewalk		SY	\$ 46 =	\$ -		\$ - *
5" Sidewalk		SY	\$ 58 =	\$ -		\$ - *
6" Sidewalk		SY	\$ 69 =	\$ -		\$ - *
8" sidewalk		SY	\$ 92 =	\$ -		\$ - *

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Pedestrian Ramp		SY	\$ 143 =	\$ -		\$ - *
Cross Pan		SY	\$ 57 =	\$ -		\$ - *
Curb Chase		EA	\$ 1,400 =	\$ -		\$ - *
Guardrail Type 3 (W-Beam)		LF	\$ 46 =	\$ -		\$ - *
Guardrail Type 7 (Concrete)		LF	\$ 68 =	\$ -		\$ - *
Guardrail End Anchorage		EA	\$ 1,985 =	\$ -		\$ - *
Guardrail Impact Attenuator		EA	\$ 3,564 =	\$ -		\$ - *
Sound Barrier Fence		LF	\$ 108 =	\$ -		\$ - *
Electrical Conduit, Size =		LF	\$ 15 =	\$ -		\$ - *
Traffic Signal, complete intersection		EA	\$ 250,000 =	\$ -		\$ - *
			=	\$ -		\$ - *
[insert items not listed but part of construction plans]			=	\$ -		\$ - *
STORMDRAIN IMPROVEMENTS						
Concrete Box Culvert (M Standard), Size (W x H)		LF		= \$ -		\$ - *
18" Reinforced Concrete Pipe		LF	\$ 84 =	\$ -		\$ - *
24" Reinforced Concrete Pipe		LF	\$ 99 =	\$ -		\$ - *
30" Reinforced Concrete Pipe		LF	\$ 117 =	\$ -		\$ - *
36" Reinforced Concrete Pipe		LF	\$ 157 =	\$ -		\$ - *
42" Reinforced Concrete Pipe		LF	\$ 186 =	\$ -		\$ - *
48" Reinforced Concrete Pipe		LF	\$ 243 =	\$ -		\$ - *
54" Reinforced Concrete Pipe		LF	\$ 278 =	\$ -		\$ - *
60" Reinforced Concrete Pipe		LF	\$ 300 =	\$ -		\$ - *
66" Reinforced Concrete Pipe		LF	\$ 333 =	\$ -		\$ - *
72" Reinforced Concrete Pipe		LF	\$ 367 =	\$ -		\$ - *
18" Corrugated Steel Pipe		LF	\$ 71 =	\$ -		\$ - *
24" Corrugated Steel Pipe		LF	\$ 103 =	\$ -		\$ - *
30" Corrugated Steel Pipe		LF	\$ 109 =	\$ -		\$ - *
36" Corrugated Steel Pipe		LF	\$ 147 =	\$ -		\$ - *
42" Corrugated Steel Pipe		LF	\$ 159 =	\$ -		\$ - *
48" Corrugated Steel Pipe		LF	\$ 183 =	\$ -		\$ - *
54" Corrugated Steel Pipe		LF	\$ 208 =	\$ -		\$ - *
60" Corrugated Steel Pipe		LF	\$ 245 =	\$ -		\$ - *
66" Corrugated Steel Pipe		LF	\$ 301 =	\$ -		\$ - *
72" Corrugated Steel Pipe		LF	\$ 356 =	\$ -		\$ - *
78" Corrugated Steel Pipe		LF	\$ 411 =	\$ -		\$ - *
84" Corrugated Steel Pipe		LF	\$ 467 =	\$ -		\$ - *
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 feet		EA	\$ 5,243 =	\$ -		\$ - *
Curb Inlet (Type R) L=5', 5'-10' Depth		EA	\$ 6,800 =	\$ -		\$ - *
Curb Inlet (Type R) L =5' , 10'-15' Depth		EA	\$ 7,895 =	\$ -		\$ - *
Curb Inlet (Type R) L =10', Depth < 5 feet		EA	\$ 7,216 =	\$ -		\$ - *
Curb Inlet (Type R) L =10' , 5'-10' Depth		EA	\$ 7,437 =	\$ -		\$ - *
Curb Inlet (Type R) L =10' , 10'-15' Depth		EA	\$ 9,310 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , Depth < 5 feet		EA	\$ 9,383 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , 5'-10' Depth		EA	\$ 10,060 =	\$ -		\$ - *
Curb Inlet (Type R) L =15' , 10'-15' Depth		EA	\$ 11,000 =	\$ -		\$ - *

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Curb Inlet (Type R) L =20' , Depth < 5 feet		EA	\$ 10,000 =	\$ -		\$ - *
Curb Inlet (Type R) L =20' , 5'-10' Depth		EA	\$ 11,038 =	\$ -		\$ - *
Grated Inlet (Type C), < 5' deep		EA	\$ 4,390 =	\$ -		\$ - *
Grated Inlet (Type D), < 5' deep		EA	\$ 5,422 =	\$ -		\$ - *
Storm Sewer Manhole, Box Base, Depth < 15 feet		EA	\$ 11,000 =	\$ -		\$ - *
Storm Sewer Manhole, Slab Base, Depth < 15 feet		EA	\$ 6,050 =	\$ -		\$ - *
Geotextile (Erosion Control)		SY	\$ 6 =	\$ -		\$ - *
Rip Rap, d50 Size from 6" to 24"		CY	\$ 88 =	\$ -		\$ - *
Rip Rap, Grouted		CY	\$ 215 =	\$ -		\$ - *
Drainage Channel Construction, Size (W x H)		LF	= \$	-		\$ - *
Drainage Channel Lining, Concrete		CY	\$ 539 =	\$ -		\$ - *
Drainage Channel Lining, Rip Rap		CY	\$ 106 =	\$ -		\$ - *
Drainage Channel Lining, Grass		AC	\$ 1,390 =	\$ -		\$ - *
Drainage Channel Lining, Other Stabilization			= \$	-		\$ - *
			= \$	-		\$ - *
[insert items not listed but part of construction plans]			= \$	-		\$ - *
				Section 2 Subtotal = \$	10,749	\$ 10,749 *
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT maintained by El Paso County)**						
ROADWAY IMPROVEMENTS						
Asphalt Base Course	3,030.00	SY	\$ 9 =	\$ 27,270		\$ 27,270
Ashalt Pavement	2,496.00	SY	\$ 18 =	\$ 44,928		\$ 44,928
Concrete Pavement	55.00	SY	\$ 28 =	\$ 1,540		\$ 1,540
Gravel Surface	6,700.00	SY	\$ 9 =	\$ 60,300		\$ 60,300
			= \$	-		\$ -
			= \$	-		\$ -
STORMDRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)						
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -
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 and valves	1.00	EA	\$ 1,253 =	\$ 1,253		\$ 1,253
Fire Cistern Installation, complete		EA	= \$	-		\$ -
			= \$	-		\$ -
[insert items not listed but part of construction plans]			= \$	-		\$ -
SANITARY SEWER IMPROVEMENTS						
Sewer Main Pipe (PVC), Size 8"	140.00	LF	\$ 94 =	\$ 13,160		\$ 13,160
Sanitary Sewer Manhole, Depth < 15 feet		EA	\$ 4,575 =	\$ -		\$ -
Sanitary Service Line Installation, complete		EA	\$ 1,516 =	\$ -		\$ -
Sanitary Sewer Lift Station, complete		EA	= \$	-		\$ -
			= \$	-		\$ -
[insert items not listed but part of construction plans]			= \$	-		\$ -
LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)						

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					% Complete	Remaining
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
** - Section 3 is not subject to defect warranty				Section 3 Subtotal = \$		148,451
						\$ 148,451
AS-BUILTS (Public Improvements)		LS	= \$	-		\$ -
Pond Verification (survey to verify pond volumes)		LS	= \$	-		\$ -
				Total Construction Financial Assurance		\$ 169,950
(Sum of all section subtotals plus as-builts and pond verification)						
				Total Remaining Construction Financial Assurance (with pre-plat construction)		\$ 169,950
(Sum of all section totals less credit for items complete plus as-builts and pond verification)						
				Total Defect Warranty Financial Assurance		\$ 2,648
(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 approved Construction Drawings associated with the Project.	
Engineer (P.E. Seal Required)	Date
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date

Markup Summary

Daniel Torres (1)

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Add PCD File No. PPR1831

Subject: Text Box
Page Label: 1
Author: Daniel Torres
Date: 8/29/2018 3:43:04 PM
Color:

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dsdgrimm (1)

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Subject: Engineer
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Author: dsdgrimm
Date: 9/4/2018 3:48:30 PM
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