

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

Updated: 3/23/17

PROJECT INFORMATION						
Seeger Homes Inc. Sales Office			7/6/2018		PCD File No.	
Project Name			Date		(with Pre-plat Construction)	
Description	Quantity	Units	Price	Total	% 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
			=	\$ -		\$ -
<i>(insert items not listed but part of construction plans)</i>			=	\$ -		\$ -

MAINTENANCE (35% of Construction BMPs) = \$ 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

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	\$ 108 = \$	-		\$ - *
Drainage Channel Lining, Grass		AC	\$ 1,390 = \$	-		\$ - *
Drainage Channel Lining, Other Stabilization			= \$	-		\$ - *
			= \$	-		\$ - *
			= \$	-		\$ - *
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ - *
				Section 2 Subtotal = \$	10,749	\$ 10,749 *

* - Subject to defect warranty financial assurance. A minimum of 20% to be retained up to preliminary acceptance (MAXIMUM OF 80% COMPLETE ALLOWED)

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 = \$	-		\$ -
Asphalt Pavement	2,496.00	SY	\$ 18 = \$	-		\$ -
Concrete Pavement	55.00	SY	\$ 28 = \$	-		\$ -
Gravel Surface	6,700.00	SY	\$ 9 = \$	-		\$ -
			= \$	-		\$ -
			= \$	-		\$ -

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	= \$	-		\$ -
			= \$	-		\$ -
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -

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		\$ 1,516
Sanitary Sewer Lift Station, complete		EA	= \$	-		\$ -
			= \$	-		\$ -
<i>[insert items not listed but part of construction plans]</i>			= \$	-		\$ -

LANDSCAPING IMPROVEMENTS (For subdivision specific condition of approval, or PUD)

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		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -
		EA	= \$	-		\$ -

** - Section 3 is not subject to defect warranty

Section 3 Subtotal = \$ 2,769

AS-BUILTS (Public Improvements)		LS	= \$	-		\$ -
Pond Verification (survey to verify pond volumes)		LS	= \$	-		\$ -

Total Construction Financial Assurance \$ 13,518

(Sum of all section subtotals plus as-builts and pond verification)

Total Remaining Construction Financial Assurance (with pre-plat construction) \$ 13,518

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

Total Defect Warranty Financial Assurance \$ 499

(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 listing of items for the work as shown on the approved Construction Drawings associated with the Project.

Engineer (P.E. Seal Required)



Date

6/3/19

Approved by Owner / Applicant

Date

Louis J. Mastus

6-3-19

Approved by El Paso County Engineer / ECM Administrator

Approved

by Elizabeth Nijkamp
El Paso County Planning and Community Development
on behalf of Jennifer Irvine, County Engineer, ECM Administrator



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