

2019 Financial Assurance Estimate Form
(with pre-plat construction)

Please revise. 3 VTC
are shown on the
GEC plan

Updated: 7/16/2019

PROJECT INFORMATION		
Glen at Widefield Filing 10	2/21/2020	SF-1921
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	Remaining
SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)							
* Earthwork							
less than 1,000; \$5,300 min		CY	\$ 8.00	=	\$ -		\$ -
1,000-5,000; \$8,000 min	1,716	CY	\$ 6.00	=	\$ 10,296.00		\$ 10,296.00
5,001-20,000; \$30,000 min		CY	\$ 5.00	=	\$ -		\$ -
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.)	3.0	AC	\$ 800.00	=	\$ 2,400.00		\$ 2,400.00
* Mulching	3.0	AC	\$ 750.00	=	\$ 2,250.00		\$ 2,250.00
* Permanent Erosion Control Blanket	526	SY	\$ 6.00	=	\$ 3,156.00		\$ 3,156.00
* Permanent Pond/BMP Construction	6,107	CY	\$ 20.00	=	\$ 122,140.00		\$ 122,140.00
* Permanent Pond/BMP (Spillway)	1	EA	\$ 3,500.00	=	\$ 3,500.00		\$ 3,500.00
* Permanent Pond/BMP (Outlet Structure)	1	EA	\$ 9,800.00	=	\$ 9,800.00		\$ 9,800.00
* Permanent Pond/BMP (Gravel Maint. Access Trail)	2,074	SY	\$ 20.00	=	\$ 41,485.51		\$ 41,485.51
* Permanent Concrete Trickle Channel	18	CY	\$ 450.00	=	\$ 8,200.00		\$ 8,200.00
Safety Fence		LF	\$ 3.00	=	\$ -		\$ -
Temporary Erosion Control Blanket	860	SY	\$ 3.00	=	\$ 2,580.00		\$ 2,580.00
Vehicle Tracking Control	2	EA	\$ 2,370.00	=	\$ 4,740.00		\$ 4,740.00
Silt Fence	2,012	LF	\$ 2.50	=	\$ 5,030.00		\$ 5,030.00
Temporary Seeding		AC	\$ 628.00	=	\$ -		\$ -
Temporary Mulch		AC	\$ 750.00	=	\$ -		\$ -
Erosion Bales		EA	\$ 25.00	=	\$ -		\$ -
Erosion Logs/Straw Waddle		LF	\$ 5.00	=	\$ -		\$ -
Rock Check Dams		EA	\$ 500.00	=	\$ -		\$ -
Inlet Protection	2	EA	\$ 167.00	=	\$ 334.00		\$ 334.00
Sediment Basin	1	EA	\$ 1,762.00	=	\$ 1,762.00		\$ 1,762.00
Concrete Washout Basin	1	EA	\$ 900.00	=	\$ 900.00		\$ 900.00
Rough Cut Street Control	1,170	LF	\$ 2.00	=	\$ 2,340.00		\$ 2,340.00

[insert items not listed but part of construction plans]				=	\$ -		\$ -
MAINTENANCE (35% of Construction BMPs)					=	\$ 6,190.10	\$ 6,190.10
Section 1 Subtotal					=	\$ 227,103.61	\$ 227,103.61

* - Subject to defect warranty financial assurance. A minimum of 20% shall

be retained until final acceptance (MAXIMUM OF 80% COMPLETE

ALLOWED)

SECTION 2 - PUBLIC IMPROVEMENTS *

ROADWAY IMPROVEMENTS							
Construction Traffic Control		LS		=	\$ -		\$ -
Aggregate Base Course (135 lbs/cf)	64.00	Tons	\$ 28.00	=	\$ 1,792.00		\$ 1,792.00
Aggregate Base Course (135 lbs/cf)		CY	\$ 50.00	=	\$ -		\$ -
Asphalt Pavement (3" thick)	800	SY	\$ 14.00	=	\$ 11,200.00		\$ 11,200.00
Asphalt Pavement (4" thick)		SY	\$ 19.00	=	\$ -		\$ -
Asphalt Pavement (6" thick)		SY	\$ 29.00	=	\$ -		\$ -
Asphalt Pavement (147 lbs/cf) 1" thick		Tons	\$ 88.00	=	\$ -		\$ -
Raised Median, Paved		SF	\$ 8.00	=	\$ -		\$ -
Regulatory Sign/Advisory Sign	2	EA	\$ 300.00	=	\$ 600.00		\$ 600.00
Guide/Street Name Sign	2	EA	\$ 250.00	=	\$ 500.00		\$ 500.00
Epoxy Pavement Marking		SF	\$ 13.00	=	\$ -		\$ -
Thermoplastic Pavement Marking	16.00	SF	\$ 23.00	=	\$ 368.00		\$ 368.00
Barricade - Type 3	1	EA	\$ 200.00	=	\$ 200.00		\$ 200.00
Delineator - Type I		EA	\$ 24.00	=	\$ -		\$ -
Curb and Gutter, Type A (6" Vertical)	64	LF	\$ 30.00	=	\$ 1,920.00		\$ 1,920.00
Curb and Gutter, Type B (Median)		LF	\$ 30.00	=	\$ -		\$ -
Curb and Gutter, Type C (Ramp)	1,630	LF	\$ 30.00	=	\$ 48,900.00		\$ 48,900.00
4" Sidewalk (common areas only)		SY	\$ 48.00	=	\$ -		\$ -
5" Sidewalk	1,818	SY	\$ 60.00	=	\$ 109,080.00		\$ 109,080.00
6" Sidewalk		SY	\$ 72.00	=	\$ -		\$ -
8" Sidewalk		SY	\$ 96.00	=	\$ -		\$ -
Pedestrian Ramp		EA	\$ 1,150.00	=	\$ -		\$ -
Cross Pan, local (8" thick, 6' wide to include return)	28.00	LF	\$ 61.00	=	\$ 1,708.00		\$ 1,708.00
Cross Pan, collector (9" thick, 8' wide to include return)		LF	\$ 92.00	=	\$ -		\$ -
Curb Chase		EA	\$ 1,480.00	=	\$ -		\$ -
Guardrail Type 3 (W-Beam)		LF	\$ 49.00	=	\$ -		\$ -
Guardrail Type 7 (Concrete)		LF	\$ 72.00	=	\$ -		\$ -
Guardrail End Anchorage		EA	\$ 2,098.00	=	\$ -		\$ -
Guardrail Impact Attenuator		EA	\$ 3,767.00	=	\$ -		\$ -
Sound Barrier Fence (CMU block, 6' high)		LF	\$ 78.00	=	\$ -		\$ -

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Glen at Widefield Filing 10			2/21/2020			SF-1921	
Project Name			Date			PCD File No.	
Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction) % Complete	Remaining
Sound Barrier Fence (panels, 6' high)		LF	\$ 80.00	=	\$ -		\$ - *
Electrical Conduit, Size =		LF	\$ 16.00	=	\$ -		\$ - *
Traffic Signal, complete intersection		EA	\$ 425,000	=	\$ -		\$ - *
[insert items not listed but part of construction plans]				=	\$ -		\$ - *
STORM DRAIN IMPROVEMENTS							
Concrete Box Culvert (M Standard), Size (W x H)		LF		=	\$ -		\$ - *
18" Reinforced Concrete Pipe		LF	\$ 65.00	=	\$ -		\$ - *
24" Reinforced Concrete Pipe		LF	\$ 78.00	=	\$ -		\$ - *
30" Reinforced Concrete Pipe	124	LF	\$ 97.00	=	\$ 11,989.20		\$ 11,989.20 *
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 = 30" (unit cost = 6x pipe unit cost)	1	EA	\$ 582.00	=	\$ 582.00		\$ 582.00 *
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	1	EA	\$ 500.00	=	\$ 500.00		\$ 500.00 *
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', 10' ≤ Depth < 15'		EA	\$ 11,627.00	=	\$ -		\$ - *
Curb Inlet (Type R) L=20', Depth < 5'		EA	\$ 10,570.00	=	\$ -		\$ - *
Curb Inlet (Type R) L=20', 5' ≤ Depth < 10'		EA	\$ 11,667.00	=	\$ -		\$ - *
Grated Inlet (Type C), Depth < 5'		EA	\$ 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)	266	SY	\$ 6.00	=	\$ 1,596.00		\$ 1,596.00 *
Type II Bedding	23	CY	\$ 35.00	=	\$ 797.22		\$ 797.22 *
Rip Rap, d50 Size from 6" to 24"	12	CY	\$ 98.00	=	\$ 1,176.00		\$ 1,176.00 *
Rip Rap, d50 size from 6" to 24"	16	CY	\$ 80.00	=	\$ 1,280.00		\$ 1,280.00 *
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]				=	\$ -		\$ - *
Section 2 Subtotal				=	\$ 194,188.42		\$ 194,188.42

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

PROJECT INFORMATION								
Glen at Widefield Filing 10			2/21/2020			SF-1921		
Project Name			Date			PCD File No.		
Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)		
						% Complete	Remaining	
SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)**								
ROADWAY IMPROVEMENTS								
Gravel Maintenance Access Trail (Pennycress)	828	SY	\$ 6.00	=	\$ 4,965.33		\$	4,965.33
STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1)								
Rip Rap, d50 size from 6" to 24" (Outflow Ditch)	24	Tons	\$ 80.00	=	\$ 1,920.00		\$	1,920.00
Temporary Slope Drain	1	EA	\$ 1,250.00	=	\$ 1,250.00		\$	1,250.00
WATER SYSTEM IMPROVEMENTS								
Water Main Pipe (PVC), Size 8"	825	LF	\$ 64.00	=	\$ 52,800.00		\$	52,800.00
Water Main Pipe (Ductile Iron), Size 8"		LF	\$ 75.00	=	\$ -		\$	-
Gate Valves, 8"	4	EA	\$ 1,858.00	=	\$ 7,432.00		\$	7,432.00
Fire Hydrant Assembly, w/ all valves	2	EA	\$ 6,597.00	=	\$ 13,194.00		\$	13,194.00
Water Service Line Installation, inc. tap and valves	40	EA	\$ 1,324.00	=	\$ 52,960.00		\$	52,960.00
Fire Cistern Installation, complete		EA		=	\$ -		\$	-
[insert items not listed but part of construction plans]				=	\$ -		\$	-
SANITARY SEWER IMPROVEMENTS								
Sewer Main Pipe (PVC), Size 8"	800	LF	\$ 64.00	=	\$ 51,200.00		\$	51,200.00
Sanitary Sewer Manhole, Depth < 15 feet	3	EA	\$ 4,386.00	=	\$ 13,158.00		\$	13,158.00
Sanitary Service Line Installation, complete	40	EA	\$ 1,402.00	=	\$ 56,080.00		\$	56,080.00
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)								
		EA		=	\$ -		\$	-
		EA		=	\$ -		\$	-
		EA		=	\$ -		\$	-
		EA		=	\$ -		\$	-
		EA		=	\$ -		\$	-
Section 3 Subtotal				=	\$ 254,959.33		\$	254,959.33

** - Section 3 is not subject to defect warranty requirements

PROJECT INFORMATION		
Glen at Widefield Filing 10	2/21/2020	SF-1921
Project Name	Date	PCD File No.

Description	Quantity	Units	Unit Cost		Total	(with Pre-Plat Construction)	
						% Complete	Remaining
AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)		LS	\$ 5,500.00	=	\$ 5,500.00		\$ 5,500.00
POND/BMP CERTIFICATION (inc. elevations and volume calculations)		LS	\$ 2,500.00	=	\$ 2,500.00		\$ 2,500.00
Total Construction Financial Assurance						\$	684,251.37
(Sum of all section subtotals plus as-builts and pond/BMP certification)							
Total Remaining Construction Financial Assurance (with Pre-Plat Construction)						\$	684,251.37
(Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification)							
Total Defect Warranty Financial Assurance						\$	79,483.19
(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 associated with the Project.	
<div style="border-bottom: 1px solid black; height: 40px; margin-bottom: 10px;"></div>	
Engineer (P.E. Seal Required)	
Approved by Owner / Applicant	Date
Approved by El Paso County Engineer / ECM Administrator	Date