

PROJECT INFORMATION

| | | |
|-------------------------------------|-------------------|---------------------|
| Homestead North Filing No. 2 | 11/10/2022 | SF2218 |
| Project Name | Date | PCD File No. |

| Description | Quantity | Units | Unit Cost | | Total | (with Pre-Plat Construction) | |
|--|----------|-------|--------------|---------------------------|--------------------------|------------------------------|------------------------|
| | | | | | | % Complete | Remaining |
| [insert items not listed but part of construction plans] | | | | = | \$ - | | \$ - |
| [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 | 727 | LF | \$ 70.00 | = | \$ 50,890.00 | | \$ 50,890.00 |
| 24" Reinforced Concrete Pipe | 113 | LF | \$ 83.00 | = | \$ 9,379.00 | | \$ 9,379.00 |
| 30" Reinforced Concrete Pipe | | LF | \$ 104.00 | = | \$ - | | \$ - |
| 36" Reinforced Concrete Pipe | 415 | LF | \$ 128.00 | = | \$ 53,120.00 | | \$ 53,120.00 |
| 42" Reinforced Concrete Pipe | | LF | \$ 171.00 | = | \$ - | | \$ - |
| 48" Reinforced Concrete Pipe | 58 | LF | \$ 209.00 | = | \$ 12,122.00 | | \$ 12,122.00 |
| 54" Reinforced Concrete Pipe | | LF | \$ 272.00 | = | \$ - | | \$ - |
| 60" Reinforced Concrete Pipe | | LF | \$ 319.00 | = | \$ - | | \$ - |
| 66" Reinforced Concrete Pipe | | LF | \$ 368.00 | = | \$ - | | \$ - |
| 72" Reinforced Concrete Pipe | | LF | \$ 421.00 | = | \$ - | | \$ - |
| 18" Corrugated Steel Pipe | | LF | \$ 90.00 | = | \$ - | | \$ - |
| 24" Corrugated Steel Pipe | | LF | \$ 103.00 | = | \$ - | | \$ - |
| 30" Corrugated Steel Pipe | | LF | \$ 131.00 | = | \$ - | | \$ - |
| 36" Corrugated Steel Pipe | | LF | \$ 157.00 | = | \$ - | | \$ - |
| 42" Corrugated Steel Pipe | | LF | \$ 180.00 | = | \$ - | | \$ - |
| 48" Corrugated Steel Pipe | | LF | \$ 190.00 | = | \$ - | | \$ - |
| 54" Corrugated Steel Pipe | | LF | \$ 278.00 | = | \$ - | | \$ - |
| 60" Corrugated Steel Pipe | | LF | \$ 300.00 | = | \$ - | | \$ - |
| 66" Corrugated Steel Pipe | | LF | \$ 364.00 | = | \$ - | | \$ - |
| 72" Corrugated Steel Pipe | | LF | \$ 428.00 | = | \$ - | | \$ - |
| 78" Corrugated Steel Pipe | | LF | \$ 492.00 | = | \$ - | | \$ - |
| 84" Corrugated Steel Pipe | | LF | \$ 492.01 | = | \$ - | | \$ - |
| Flared End Section (FES) HCP Size = 36 <small>(unit cost = 6x pipe unit cost)</small> | 1 | EA | \$ 600.00 | = | \$ 600.00 | | \$ 600.00 |
| Flared End Section (FES) CSP Size = <small>(unit cost = 6x pipe unit cost)</small> | | EA | | = | \$ - | | \$ - |
| End Treatment- Headwall | | EA | | = | \$ - | | \$ - |
| End Treatment- Wingwall | | EA | | = | \$ - | | \$ - |
| End Treatment - Cutoff Wall | | EA | | = | \$ - | | \$ - |
| Curb Inlet (Type R) L=5', Depth < 5' | | EA | \$ 6,138.00 | = | \$ - | | \$ - |
| Curb Inlet (Type R) L=5', 5' ≤ Depth < 10' | | EA | \$ 7,981.00 | = | \$ - | | \$ - |
| Curb Inlet (Type R) L=5', 10' ≤ Depth < 15' | | EA | \$ 9,242.00 | = | \$ - | | \$ - |
| Curb Inlet (Type R) L=10', Depth < 5' | | EA | \$ 8,447.00 | = | \$ - | | \$ - |
| Curb Inlet (Type R) L=10', 5' ≤ Depth < 10' | 1 | EA | \$ 8,706.00 | = | \$ 8,706.00 | | \$ 8,706.00 |
| Curb Inlet (Type R) L=10', 10' ≤ Depth < 15' | | EA | \$ 10,898.00 | = | \$ - | | \$ - |
| Curb Inlet (Type R) L=15', Depth < 5' | | EA | \$ 10,984.00 | = | \$ - | | \$ - |
| Curb Inlet (Type R) L=15', 5' ≤ Depth < 10' | 7 | EA | \$ 11,775.00 | = | \$ 82,425.00 | | \$ 82,425.00 |
| Curb Inlet (Type R) L=15', 10' ≤ Depth < 15' | | EA | \$ 12,876.00 | = | \$ - | | \$ - |
| Curb Inlet (Type R) L=20', Depth < 5' | | EA | \$ 11,706.00 | = | \$ - | | \$ - |
| Curb Inlet (Type R) L=20', 5' ≤ Depth < 10' | | EA | \$ 12,920.00 | = | \$ - | | \$ - |
| Grated Inlet (Type C), Depth < 5' | 3 | EA | \$ 5,138.00 | = | \$ 15,414.00 | | \$ 15,414.00 |
| Grated Inlet (Type D), Depth < 5' | | EA | \$ 6,347.00 | = | \$ - | | \$ - |
| Storm Sewer Manhole, Box Base | 4 | EA | \$ 12,876.00 | = | \$ 51,504.00 | | \$ 51,504.00 |
| Storm Sewer Manhole, Slab Base | 5 | EA | \$ 7,082.00 | = | \$ 35,410.00 | | \$ 35,410.00 |
| Geotextile (Erosion Control) | | SY | \$ 7.00 | = | \$ - | | \$ - |
| Rip Rap, d50 size from 6" to 24" | | Tons | \$ 89.00 | = | \$ - | | \$ - |
| Rip Rap, Grouted | | Tons | \$ 105.00 | = | \$ - | | \$ - |
| Drainage Channel Construction, Size (W x H) | | LF | | = | \$ - | | \$ - |
| Drainage Channel Lining, Concrete | | CY | \$ 631.00 | = | \$ - | | \$ - |
| Drainage Channel Lining, Rip Rap | | CY | \$ 124.00 | = | \$ - | | \$ - |
| Drainage Channel Lining, Grass | | AC | \$ 1,626.00 | = | \$ - | | \$ - |
| Drainage Channel Lining, Other Stabilization | | | | = | \$ - | | \$ - |
| [insert items not listed but part of construction plans] | | | | = | \$ - | | \$ - |
| | | | | Section 2 Subtotal | = \$ 1,645,760.18 | | \$ 1,645,760.18 |

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

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| | | | | | % Complete | Remaining |
| SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC)** | | | | | | |
| ROADWAY IMPROVEMENTS | | | | | | |
| | | | | = \$ | - | \$ - |
| | | | | = \$ | - | \$ - |
| | | | | = \$ | - | \$ - |
| | | | | = \$ | - | \$ - |
| | | | | = \$ | - | \$ - |
| | | | | = \$ | - | \$ - |
| STORM DRAIN IMPROVEMENTS (Exception: Permanent Pond/BMP shall be itemized under Section 1) | | | | | | |
| 18" Reinforced Concrete Pipe | 548 | LF | \$ 70.00 | = \$ | 38,360.00 | \$ 38,360.00 |
| 48" Reinforced Concrete Pipe | 58 | LF | \$ 209.00 | = \$ | 12,122.00 | \$ 12,122.00 |
| 24" Reinforced Concrete Pipe | 104 | LF | \$ 103.00 | = \$ | 10,712.00 | \$ 10,712.00 |
| Flared End Section (FES) RCP Size = 24" <i>(unit cost = 6x pipe unit cost)</i> | 1 | EA | \$ 618.00 | = \$ | 618.00 | \$ 618.00 |
| Drainage Channel Lining, Rip Rap 12" depth | 111 | CY | \$ 124.00 | = \$ | 13,764.00 | \$ 13,764.00 |
| Rip Rap, d50 size from 6" to 24" | 7 | CY | \$ 124.00 | = \$ | 868.00 | \$ 868.00 |
| Grated Inlet (Type C), Depth < 5' | 2 | EA | \$ 5,138.00 | = \$ | 10,276.00 | \$ 10,276.00 |
| WATER SYSTEM IMPROVEMENTS | | | | | | |
| Water Main Pipe (PVC), Size 8" | 4,267 | LF | \$ 71.00 | = \$ | 302,935.70 | \$ 302,935.70 |
| Water Main Pipe (Ductile Iron), Size 8" | | LF | \$ 83.00 | = \$ | - | \$ - |
| Gate Valves, 8" | 7 | EA | \$ 2,058.00 | = \$ | 14,406.00 | \$ 14,406.00 |
| Fire Hydrant Assembly, w/ all valves (3 valves/FH) | 10 | EA | \$ 7,306.00 | = \$ | 73,060.00 | \$ 73,060.00 |
| Water Service Line Installation, inc. tap and valves | 74 | EA | \$ 1,466.00 | = \$ | 108,484.00 | \$ 108,484.00 |
| 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" | 2,778 | LF | \$ 71.00 | = \$ | 197,234.45 | \$ 197,234.45 |
| Sanitary Sewer Manhole, Depth < 15 feet | 14 | EA | \$ 4,858.00 | = \$ | 68,012.00 | \$ 68,012.00 |
| Sanitary Service Line Installation, complete | 74 | EA | \$ 1,553.00 | = \$ | 114,922.00 | \$ 114,922.00 |
| 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) | | | | | | |
| Landscaping Improvments | 1 | EA | \$ 150,000.00 | = \$ | 150,000.00 | \$ 150,000.00 |
| | | EA | | = \$ | - | \$ - |
| | | EA | | = \$ | - | \$ - |
| | | EA | | = \$ | - | \$ - |
| | | EA | | = \$ | - | \$ - |
| Section 3 Subtotal | | | | = \$ | 1,115,774.15 | \$ 1,115,774.15 |

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

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|--|----------|-------|--------------|---|----|-----------|------------------------------|---------------------|
| | | | | | | | % Complete | Remaining |
| AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs) | | LS | \$ 10,000.00 | = | \$ | 10,000.00 | \$ | 10,000.00 |
| POND/BMP CERTIFICATION (inc. elevations and volume calculations) | | LS | \$ 10,000.00 | = | \$ | 10,000.00 | \$ | 10,000.00 |
| Total Construction Financial Assurance | | | | | | | \$ | 3,175,882.13 |
| (Sum of all section subtotals plus as-builts and pond/BMP certification) | | | | | | | | |
| Total Remaining Construction Financial Assurance (with Pre-Plat Construction) | | | | | | | \$ | 3,175,882.13 |
| (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) | | | | | | | | |
| Total Defect Warranty Financial Assurance | | | | | | | \$ | 381,732.24 |
| (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.



William B. Burtch
 Engineer (P.E. Seal Required)

Samuel...
 Approved by Owner / Applicant

Date *9/9/2022*

APPROVED
 Engineering Department
 12/20/2022 11:42:41 AM
 dsdnijkamp
 EPC Planning & Community
 Development Department

Approved by El Paso County Engineer / ECM Administrator