

Please use the new  
2023 FAE form.

2022 Financial Assurance Estimate Form  
(with pre-plat construction)

Updated: 11/4/2021

| PROJECT INFORMATION            |            |                             |
|--------------------------------|------------|-----------------------------|
| Solace Apartments Filing No. 2 | 12/12/2022 |                             |
| Project Name                   | Date       | PCD File No. SF2232/PPR2252 |

| Description   | Quantity | Units | Unit Cost                              |   | Total | (with Pre-Plat Construction) |           |
|---|----------|-------|--|---|-------|------------------------------|-----------|
|   |          |       |  |   |       | % Complete                   | Remaining |
| <b>SECTION 1 - GRADING AND EROSION CONTROL (Construction and Permanent BMPs)</b>  |          |       |  |   |       |                              |           |
| * Earthwork   |          |       |  |   |       |                              |           |
| less than 1,000; \$5,300 min  |          | CY    | \$ 8.00                                | = | \$ -  |                              | \$ -      |
| 1,000-5,000; \$8,000 min  |          | CY    | \$ 6.00                                | = | \$ -  |                              | \$ -      |
| 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.)  |          | AC    | \$ 886.00                              | = | \$ -  |                              | \$ -      |
| * Mulching  |          | AC    | \$ 831.00                              | = | \$ -  |                              | \$ -      |
| * Permanent Erosion Control Blanket   |          | SY    | \$ 7.00                                | = | \$ -  |                              | \$ -      |
| * Permanent Pond/BMP Construction   |          | CY    | \$ 22.00                               | = | \$ -  |                              | \$ -      |
| * Permanent Pond/BMP (provide engineer's estimate)  |          | EA    | \$ 72,108.00                           | = | \$ -  |                              | \$ -      |
|   |          | EA    |  | = | \$ -  |                              | \$ -      |
| Safety Fence  |          | LF    | \$ 3.00                                | = | \$ -  |                              | \$ -      |
| Temporary Erosion Control Blanket   |          | SY    | \$ 3.00                                | = | \$ -  |                              | \$ -      |
| Vehicle Tracking Control  |          | EA    | \$ 2,625.00                            | = | \$ -  |                              | \$ -      |
| Silt Fence  |          | LF    | \$ 3.00                                | = | \$ -  |                              | \$ -      |
| Temporary Seeding   |          | AC    | \$ 695.00                              | = | \$ -  |                              | \$ -      |
| Temporary Mulch   |          | AC    | \$ 831.00                              | = | \$ -  |                              | \$ -      |
| Erosion Bales   |          | EA    | \$ 28.00                               | = | \$ -  |                              | \$ -      |
| Erosion Logs/Straw Wattles  |          | LF    | \$ 6.00                                | = | \$ -  |                              | \$ -      |
| Rock Check Dams   |          | EA    | \$ 554.00                              | = | \$ -  |                              | \$ -      |
| Inlet Protection  |          | EA    | \$ 185.00                              | = | \$ -  |                              | \$ -      |
| Sediment Basin  |          | EA    | \$ 1,952.00                            | = | \$ -  |                              | \$ -      |
| Concrete Washout Basin  |          | EA    | \$ 997.00                              | = | \$ -  |                              | \$ -      |
| Rock Sock   |          | EA    | \$ 10.00                               | = | \$ -  |                              | \$ -      |
| <i>[insert items not listed but part of construction plans]</i>   |          |       |  | = | \$ -  |                              | \$ -      |
|   |          |       | MAINTENANCE (35% of Construction BMPs) | = | \$ -  |                              | \$ -      |
| * - Subject to defect warranty financial assurance. A minimum of 20% shall be retained until final acceptance (MAXIMUM OF 80% COMPLETE ALLOWED) |          |       |  |   |       |                              |           |
| <b>Section 1 Subtotal</b>   |          |       |  |   | =     | \$ -                         | \$ -      |

| PROJECT INFORMATION            |            |                             |  |
|--------------------------------|------------|-----------------------------|--|
| Solace Apartments Filing No. 2 | 12/12/2022 | PCD File No. SF2232/PPR2252 |  |
| Project Name                   | Date       |                             |  |

| Description | Quantity | Units | Unit Cost |  | Total | (with Pre-Plat Construction) |           |
|-------------|----------|-------|-----------|--|-------|------------------------------|-----------|
|             |          |       |           |  |       | % Complete                   | Remaining |

**SECTION 2 - PUBLIC IMPROVEMENTS \***  
**ROADWAY IMPROVEMENTS**

|  |  |      |             |   |      |  |      |
|--|--|------|-------------|---|------|--|------|
| Construction Traffic Control                               |  | LS   | \$ 5,000.00 | = | \$ - |  | \$ - |
| Aggregate Base Course (135 lbs/cf)                         |  | Tons | \$ 31.00    | = | \$ - |  | \$ - |
| Aggregate Base Course (135 lbs/cf)                         |  | CY   | \$ 56.00    |   | \$ - |  | \$ - |
| Asphalt Pavement (3" thick)                                |  | SY   | \$ 16.00    |   | \$ - |  | \$ - |
| Asphalt Pavement (4" thick)                                |  | SY   | \$ 21.00    |   | \$ - |  | \$ - |
| Asphalt Pavement (6" thick)                                |  | SY   | \$ 32.00    |   | \$ - |  | \$ - |
| Asphalt Pavement (147 lbs/cf) ___" thick                   |  | Tons | \$ 97.00    | = | \$ - |  | \$ - |
| Raised Median, Paved                                       |  | SF   | \$ 9.00     | = | \$ - |  | \$ - |
| Regulatory Sign/Advisory Sign                              |  | EA   | \$ 333.00   | = | \$ - |  | \$ - |
| Guide/Street Name Sign                                     |  | EA   |             | = | \$ - |  | \$ - |
| Epoxy Pavement Marking                                     |  | SF   | \$ 15.00    | = | \$ - |  | \$ - |
| Thermoplastic Pavement Marking                             |  | SF   | \$ 26.00    | = | \$ - |  | \$ - |
| Barricade - Type 3   |  | EA   | \$ 221.00   | = | \$ - |  | \$ - |
| Delineator - Type I  |  | EA   | \$ 27.00    | = | \$ - |  | \$ - |
| Curb and Gutter, Type A (6" Vertical)                      |  | LF   | \$ 32.00    | = | \$ - |  | \$ - |
| Curb and Gutter, Type B (Median)                           |  | LF   | \$ 32.00    | = | \$ - |  | \$ - |
| Curb and Gutter, Type C (Ramp)                             |  | LF   | \$ 32.00    | = | \$ - |  | \$ - |
| 4" Sidewalk (common areas only)                            |  | SY   | \$ 53.00    | = | \$ - |  | \$ - |
| 5" Sidewalk  |  | SY   | \$ 66.00    | = | \$ - |  | \$ - |
| 6" Sidewalk  |  | SY   | \$ 80.00    | = | \$ - |  | \$ - |
| 8" Sidewalk  |  | SY   | \$ 106.00   |   | \$ - |  | \$ - |
| Pedestrian Ramp  |  | EA   | \$ 1,273.00 | = | \$ - |  | \$ - |
| Cross Pan, local (8" thick, 6' wide to include return)     |  | LF   | \$ 67.00    | = | \$ - |  | \$ - |
| Cross Pan, collector (9" thick, 8' wide to include return) |  | LF   | \$ 102.00   | = | \$ - |  | \$ - |
| Curb Chase   |  | EA   | \$ 1,639.00 | = | \$ - |  | \$ - |
| Guardrail Type 3 (W-Beam)                                  |  | LF   | \$ 55.00    | = | \$ - |  | \$ - |
| Guardrail Type 7 (Concrete)                                |  | LF   | \$ 80.00    | = | \$ - |  | \$ - |
| Guardrail End Anchorage                                    |  | EA   | \$ 2,324.00 | = | \$ - |  | \$ - |
| Guardrail Impact Attenuator                                |  | EA   | \$ 4,172.00 | = | \$ - |  | \$ - |
| Sound Barrier Fence (CMU block, 6' high)                   |  | LF   | \$ 87.00    |   | \$ - |  | \$ - |
| Sound Barrier Fence (panels, 6' high)                      |  | LF   | \$ 89.00    | = | \$ - |  | \$ - |
| Electrical Conduit, Size =                                 |  | LF   | \$ 18.00    | = | \$ - |  | \$ - |
| Traffic Signal, complete intersection                      |  | EA   | \$ 470,666  | = | \$ - |  | \$ - |
| [insert items not listed but part of construction plans]   |  |      |             | = | \$ - |  | \$ - |

Please include collateral for the traffic signal. The total required is the traffic signal construction/installation cost minus the escrow providing for this filing.



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|--------------------------------|------------|-----------------------------|
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| Description   | Quantity | Units | Unit Cost   |   | Total         | (with Pre-Plat Construction) |               |               |
|---|----------|-------|-------------|---|---------------|------------------------------|---------------|---------------|
|   |          |       |             |   |               | % Complete                   | Remaining     |               |
| <b>SECTION 3 - COMMON DEVELOPMENT IMPROVEMENTS (Private or District and NOT Maintained by EPC) **</b> |          |       |             |   |               |                              |               |               |
| <b>ROADWAY IMPROVEMENTS</b>   |          |       |             |   |               |                              |               |               |
| Asphalt Pavement (4" Thick)   | 1,947    | SY    | \$ 19.00    | = | \$ 36,999.33  |                              | \$ 36,999.33  |               |
| Aggregate Base Course (135 lbs/cf)  | 24       | CY    | \$ 50.00    | = | \$ 1,202.06   |                              | \$ 1,202.06   |               |
| 4" Sidewalk (common areas only)   | 2,273    | SY    | \$ 53.00    | = | \$ 120,469.00 |                              | \$ 120,469.00 |               |
| Concrete Drainage Swale   | 49       | CY    | \$ 631.00   | = | \$ 31,199.44  |                              | \$ 31,199.44  |               |
| <b>STORM DRAIN IMPROVEMENTS</b> (Exception: Permanent Pond/BMP shall be itemized under Section 1)     |          |       |             |   |               |                              |               |               |
| 18" RCP Pipe  | 260      | LF    | \$ 70.00    | = | \$ 18,200.00  |                              | \$ 18,200.00  |               |
| 12" HDPE Pipe   | 2,745    | LF    | \$ 55.00    | = | \$ 150,975.00 |                              | \$ 150,975.00 |               |
| 6" HDPE Pipe  | 1,255    | LF    | \$ 45.00    | = | \$ 56,475.00  |                              | \$ 56,475.00  |               |
| 10" HDPE Pipe   | 60       | LF    | \$ 50.00    | = | \$ 3,000.00   |                              | \$ 3,000.00   |               |
| Grated Inlet (Type 13 Valley)   | 1        | EA    | \$ 4,640.00 | = | \$ 4,640.00   |                              | \$ 4,640.00   |               |
| <b>WATER SYSTEM IMPROVEMENTS</b>  |          |       |             |   |               |                              |               |               |
| Gate Valves, 8"   | 10       | EA    | \$ 2,058.00 | = | \$ 20,580.00  |                              | \$ 20,580.00  |               |
| Water Service Line Installation, inc. tap and valves  | 10       | EA    | \$ 1,466.00 | = | \$ 14,660.00  |                              | \$ 14,660.00  |               |
| [insert items not listed but part of construction plans]  |          |       |             | = | \$ -          |                              | \$ -          |               |
| <b>SANITARY SEWER IMPROVEMENTS</b>  |          |       |             |   |               |                              |               |               |
| Sanitary Service Line Installation, complete  | 5        | EA    | \$ 1,553.00 | = | \$ 7,765.00   |                              | \$ 7,765.00   |               |
| [insert items not listed but part of construction plans]  |          |       |             | = | \$ -          |                              | \$ -          |               |
| <b>LANDSCAPING IMPROVEMENTS</b> (For subdivision specific condition of approval, or PUD)              |          |       |             |   |               |                              |               |               |
|   |          | EA    |             | = | \$ -          |                              | \$ -          |               |
|   |          | EA    |             | = | \$ -          |                              | \$ -          |               |
|   |          | EA    |             | = | \$ -          |                              | \$ -          |               |
|   |          | EA    |             | = | \$ -          |                              | \$ -          |               |
|   |          | EA    |             | = | \$ -          |                              | \$ -          |               |
| <b>Section 3 Subtotal</b>   |          |       |             |   | =             | \$ 466,164.84                |               | \$ 466,164.84 |

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

after discussion with staff, these internal private improvements are not required to be collected. Please remove.

**PROJECT INFORMATION**

|                                |            |                             |
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| Description  | Quantity | Units | Unit Cost   | = | Total       | (with Pre-Plat Construction) |            |
|--|----------|-------|-------------|---|-------------|------------------------------|------------|
|  |          |       |             |   |             | % Complete                   | Remaining  |
| AS-BUILT PLANS (Public Improvements inc. Permanent WQCV BMPs)  |          | LS    | \$ 1,500.00 | = | \$ 1,500.00 | \$                           | 1,500.00   |
| POND/BMP CERTIFICATION (inc. elevations and volume calculations)                                     |          | LS    | \$ 1,500.00 | = | \$ 1,500.00 | \$                           | 1,500.00   |
| <b>Total Construction Financial Assurance</b>  |          |       |             |   |             | \$                           | 469,164.84 |
| (Sum of all section subtotals plus as-builts and pond/BMP certification)                             |          |       |             |   |             |                              |            |
| <b>Total Remaining Construction Financial Assurance (with Pre-Plat Construction)</b>                 |          |       |             |   |             | \$                           | 469,164.84 |
| (Sum of all section totals less credit for items complete plus as-builts and pond/BMP certification) |          |       |             |   |             |                              |            |
| <b>Total Defect Warranty Financial Assurance</b>   |          |       |             |   |             | \$                           | -          |
| (20% of all items identified as (*). To be collateralized at time of preliminary acceptance)         |          |       |             |   |             |                              |            |

May be removed since this was provided by filing 1 and pond & public improvements are not affected by this filing.

**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.

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Engineer (P.E. Seal Required)

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Approved by Owner / Applicant Date

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Approved by El Paso County Engineer / ECM Administrator Date