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TRAILS AT CROWFOOT FILING 16 ENGINEER'S ESTIMATE OF ANTICIPATED COSTS

| | | |
|-----------------------------------|--------------------|------------------|
| PROJECT: | ACREAGE: | 8.954 |
| TRAILS AT CROWFOOT FILING 16 | LOTS: | 42 |
| CLIENT: | JOB NUMBER: | 283701 |
| HR 935, LLC | PHASE: | FILING 16 |
| ESTIMATE PREPARED BY: | DATE: | 7/2/2018 |
| CVL CONSULTANTS OF COLORADO, INC. | | |

SANITARY SEWER

| ITEM | DESCRIPTION | QUANTITY | UNIT | COST/UNIT | TOTAL COST |
|------|-----------------------------|----------|------|------------|---------------------|
| | 8" SEWER (PVC) | 1,184 | L.F. | \$48.00 | \$56,832.00 |
| | 12" SEWER (PVC) | 0 | L.F. | \$54.00 | \$0.00 |
| | 18" SEWER (PVC) | 0 | L.F. | \$67.00 | \$0.00 |
| | 4' DIA. MANHOLE | 7 | EA. | \$2,850.00 | \$19,950.00 |
| | 5' DIA. MANHOLE | 0 | EA. | \$2,850.00 | \$0.00 |
| | STANDARD CLEANOUT | 0 | EA. | \$300.00 | \$0.00 |
| | DROP MANHOLE | 0 | EA. | \$5,000.00 | \$0.00 |
| | INTERMEDIATE PLATFORM | 0 | EA. | \$700.00 | \$0.00 |
| | 4" SEWER SERVICE | 32 | EA. | \$1,615.00 | \$51,680.00 |
| | 20" STEEL CASING | 0 | L.F. | \$2,000.00 | \$0.00 |
| | CONNECTION TO EXISTING MAIN | 1 | EA. | \$1,900.00 | \$1,900.00 |
| | | | | | \$130,362.00 |

WATERLINE

| ITEM | DESCRIPTION | QUANTITY | UNIT | COST/UNIT | TOTAL COST |
|------|--|----------|------|-------------|---------------------|
| | 6" WATERPIPE (DIP) | 55 | L.F. | \$20.00 | \$1,100.00 |
| | 8" WATERPIPE (PVC) | 1,422 | L.F. | \$39.00 | \$55,458.00 |
| | 12" WATERPIPE (PVC) | 0 | L.F. | \$57.00 | \$0.00 |
| | 16" WATERPIPE (DIP) | 0 | L.F. | \$77.60 | \$0.00 |
| | 6" GATE VALVE | 4 | EA. | \$1,000.00 | \$4,000.00 |
| | 8" GATE VALVE | 3 | EA. | \$1,750.00 | \$5,250.00 |
| | 12" GATE VALVE | 0 | EA. | \$3,000.00 | \$0.00 |
| | 16" BUTTERFLY VALVE | 0 | EA. | \$18,000.00 | \$0.00 |
| | 8" MISC. FITTINGS | 11 | EA. | \$460.00 | \$5,060.00 |
| | 12" MISC. FITTINGS | 0 | EA. | \$730.00 | \$0.00 |
| | 16" MISC. FITTINGS | 0 | EA. | \$1,500.00 | \$0.00 |
| | AIR / VACUUM VALVE | 0 | EA. | \$6,700.00 | \$0.00 |
| | 8" CAP WITH BLOW OFF | 0 | EA. | \$2,000.00 | \$0.00 |
| | 2" BLOW OFF VALVE (8" LINE-LOW POINT) | 0 | EA. | \$2,000.00 | \$0.00 |
| | 6" BLOW OFF VALVE (16" LINE-LOW POINT) | 0 | EA. | \$2,500.00 | \$0.00 |
| | FIRE HYDRANT WITH 6" LEAD | 4 | EA. | \$5,000.00 | \$20,000.00 |
| | DEEP BURY FIRE HYDRANT WITH 6" LEAD | 0 | EA. | \$5,500.00 | \$0.00 |
| | IRRIGATION SERVICE W/ METER(2") | 1 | EA. | \$2,500.00 | \$2,500.00 |
| | DOMESTIC WATER SERVICE W/ METER | 42 | EA. | \$1,400.00 | \$58,800.00 |
| | 20" STEEL CASING | 0 | L.F. | \$2,000.00 | \$0.00 |
| | CONNECTION TO EXISTING MAIN | 4 | EA. | \$1,000.00 | \$4,000.00 |
| | | | | | \$156,168.00 |

CONTINGENCIES 20% OF CONSTRUCTION COSTS = **\$57,306.00**

Total Filing 2 Water/Sewer= \$343,836.00