



**ANDERSON
ENGINEERING**
EMPLOYEE OWNED



**COBEY CREEK
2ND PLAT**
9/8/2022

WATER MAIN

Engineer's Opinion of Probable Costs

NO.	ITEM	UNIT	UNIT QUANTITY	UNIT PRICE (\$)	UNIT TOTAL
10.0	WATER MAIN				
10.01	8" C900 PVC PRESSURE CLASS 235	LF	7,236	\$40.00	\$289,440.00
10.02	8" BELL HARNESS, COATED WITH HEAT CURED POLYESTER COATING	EA	12	\$250.00	\$3,000.00
10.03	5 1/4" FIRE HYDRANT ASSEMBLY (INCLUDES 8"x6"x8" TEE, THRUST BLOCKS, GATE VALVE, HYDRANT)	EA	14	\$5,500.00	\$77,000.00
10.04	8" BLOWOFF ASSEMBLY (INCLUDES ALL APPURTENANCES)	EA	2	\$5,000.00	\$10,000.00
10.05	8" GATE VALVE	EA	20	\$30.00	\$600.00
10.06	8" 11.25 DEGREE BEND	EA	23	\$150.00	\$3,450.00
10.07	8" 22.5 DEGREE BEND	EA	15	\$150.00	\$2,250.00
10.08	8" 45 DEGREE BEND	EA	11	\$160.00	\$1,760.00
10.09	12" C900 PVC PRESSURE CLASS 235	LF	2,716	\$70.00	\$190,120.00
10.10	12" BELL HARNESS, COATED WITH HEAT CURED POLYESTER COATING	EA	2	\$400.00	\$800.00
10.11	5 1/4" FIRE HYDRANT ASSEMBLY (INCLUDES 12"x6"x12" TEE, THRUST BLOCKS, GATE VALVE, HYDRANT)	EA	3	\$5,500.00	\$16,500.00
10.12	12" BUTTERFLY VALVE	EA	9	\$60.00	\$540.00
10.13	12" 11.25 DEGREE BEND	EA	11	\$275.00	\$3,025.00
10.14	12" 22.5 DEGREE BEND	EA	8	\$285.00	\$2,280.00
10.15	12" 45 DEGREE BEND	EA	3	\$340.00	\$1,020.00
10.16	8"x8"x8" TEE	EA	7	\$600.00	\$4,200.00
10.17	12"x8"x12" TEE	EA	3	\$650.00	\$1,950.00
10.18	12"x12"x12" TEE	EA	1	\$650.00	\$650.00
10.19	8"x8" CROSS	EA	1	\$600.00	\$600.00
10.20	12"x12" CROSS	EA	1	\$650.00	\$650.00
10.21	TRACER WIRE	LF	9,952	\$2.00	\$19,904.00
10.22	24" STEEL CASING PIPE TO BE BORED & JACKED (INCLUDES ALL APPURTENANCES)	LF	125	\$2,500.00	\$312,500.00
10.23	CONNECT TO EXISTING WATER MAIN	EA	6	\$5,000.00	\$30,000.00
WATER MAIN SUB-TOTAL					\$972,239.00
ESTIMATE DOES NOT INCLUDE: LANDSCAPING, ROCK EXCAVATION, IRRIGATION, UTILITY(GAS, COMM, ELEC) FEES				SUB-TOTAL \$	972,239
				5% CONTINGENCY \$	48,612
				TOTAL \$	1,020,851