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

PROJECT: TRAILS AT CROWFOOT FILING 16
 CLIENT: HR 935, LLC
 ESTIMATE PREPARED BY: CVL CONSULTANTS OF COLORADO, INC.

ACREAGE: 8.954
 LOTS: 42
 JOB NUMBER: 283701
 PHASE: FILING 16
 DATE: 7/2/2018

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	4	EA.	\$1,750.00	\$7,000.00
	12" GATE VALVE	0	EA.	\$3,000.00	\$0.00
	16" BUTTERFLY VALVE	0	EA.	\$18,000.00	\$0.00
	8" MISC. FITTINGS	12	EA.	\$460.00	\$5,520.00
	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
					\$158,378.00



CONTINGENCIES 20% OF CONSTRUCTION COSTS = \$57,748.00

Total Filing 2 Water/Sewer= \$346,488.00