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TRAILS AT CROWFOOT FILING 14 ENGINEER'S ESTIMATE OF ANTICIPATED COSTS

PROJECT:	ACREAGE:	9.06
TRAILS AT CROWFOOT FILING 14	LOTS:	50
CLIENT:	JOB NUMBER:	283701
HR 935, LLC	PHASE:	FILING 14
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)	1,537	L.F.	\$48.00	\$73,776.00
	12" SEWER (PVC)	0	L.F.	\$54.00	\$0.00
	18" SEWER (PVC)	0	L.F.	\$67.00	\$0.00
	4' DIA. MANHOLE	12	EA.	\$2,850.00	\$34,200.00
	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	36	EA.	\$1,615.00	\$58,140.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	1	EA.	\$1,900.00	\$1,900.00
					\$168,016.00

WATERLINE

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	6" WATERPIPE (DIP)	118	L.F.	\$20.00	\$2,360.00
	8" WATERPIPE (PVC)	2,030	L.F.	\$39.00	\$79,170.00
	12" WATERPIPE (PVC)	0	L.F.	\$57.00	\$0.00
	16" WATERPIPE (DIP)	0	L.F.	\$77.60	\$0.00
	6" GATE VALVE	6	EA.	\$1,000.00	\$6,000.00
	8" GATE VALVE	7	EA.	\$1,750.00	\$12,250.00
	12" GATE VALVE	0	EA.	\$3,000.00	\$0.00
	16" BUTTERFLY VALVE	0	EA.	\$18,000.00	\$0.00
	8" MISC. FITTINGS	16	EA.	\$460.00	\$7,360.00
	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	4	EA.	\$2,000.00	\$8,000.00
	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	6	EA.	\$5,000.00	\$30,000.00
	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	50	EA.	\$1,400.00	\$70,000.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	2	EA.	\$1,000.00	\$2,000.00
					\$219,640.00

CONTINGENCIES 20% OF CONSTRUCTION COSTS = \$77,531.20

Total Filing 14 Water/Sewer= **\$465,187.20**