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TRAILS AT CROWFOOT FILING 5 ENGINEER'S ESTIMATE OF ANTICIPATED COSTS

PROJECT:	TRAILS AT CROWFOOT FILING 5	ACREAGE:	13.281
CLIENT:	E5X MANAGEMENT	LOTS:	77
ESTIMATE PREPARED BY:	CVL CONSULTANTS OF COLORADO, INC.	JOB NUMBER:	283701
		PHASE:	FILING 5
		DATE:	3/7/2018

SANITARY SEWER

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	8" SEWER (PVC)	2,496	L.F.	\$48.00	\$119,808.00
	12" SEWER (PVC)	0	L.F.	\$54.00	\$0.00
	18" SEWER (PVC)	0	L.F.	\$67.00	\$0.00
	4' DIA. MANHOLE	10	EA.	\$2,850.00	\$28,500.00
	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	77	EA.	\$1,615.00	\$124,355.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	6	EA.	\$1,900.00	\$11,400.00
					\$284,063.00

WATERLINE

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	6" WATERPIPE (DIP)	124	L.F.	\$20.00	\$2,480.00
	8" WATERPIPE (PVC)	2,671	L.F.	\$39.00	\$104,169.00
	12" WATERPIPE (PVC)	0	L.F.	\$57.00	\$0.00
	16" WATERPIPE (DIP)	0	L.F.	\$77.60	\$0.00
	6" GATE VALVE	5	EA.	\$1,000.00	\$5,000.00
	8" GATE VALVE	13	EA.	\$1,750.00	\$22,750.00
	12" GATE VALVE	0	EA.	\$3,000.00	\$0.00
	16" BUTTERFLY VALVE	0	EA.	\$18,000.00	\$0.00
	8" MISC. FITTINGS	8	EA.	\$460.00	\$3,680.00
	12" MISC. FITTINGS	0	EA.	\$730.00	\$0.00
	16" MISC. FITTINGS	0	EA.	\$1,500.00	\$0.00
	AIR / VACUUM VALVE	1	EA.	\$6,700.00	\$6,700.00
	8" CAP WITH BLOW OFF VALVE	5	EA.	\$2,000.00	\$10,000.00
	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	5	EA.	\$5,000.00	\$25,000.00
	IRRIGATION SERVICE W/ METER(2")	0	EA.	\$2,500.00	\$0.00
	DOMESTIC WATER SERVICE W/ METER	77	EA.	\$1,400.00	\$107,800.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	7	EA.	\$1,000.00	\$7,000.00
					\$294,579.00

CONTINGENCIES 20% OF CONSTRUCTION COSTS = **\$115,728.40**

Total Filing 5 Water/Sewer= **\$694,370.40**

