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TRAILS AT CROWFOOT FILING 1 ENGINEER'S ESTIMATE OF ANTICIPATED COSTS

PROJECT:	TRAILS AT CROWFOOT FILING 1	ACREAGE:	254.309
CLIENT:	E5X MANAGEMENT	LOTS:	0
ESTIMATE PREPARED BY:	CVL CONSULTANTS OF COLORADO, INC.	JOB NUMBER:	283701
		PHASE:	FILING 1
		DATE:	12/5/2017

SANITARY SEWER

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	8" SEWER (PVC)	8,787	L.F.	\$48.00	\$421,776.00
	12" SEWER (PVC)	7,009	L.F.	\$54.00	\$378,486.00
	18" SEWER (PVC)	6,580	L.F.	\$67.00	\$440,860.00
	4' DIA. MANHOLE INTERMEDIATE PLATFORM	119	EA.	\$2,850.00	\$339,150.00
		3	EA.	\$700.00	\$2,100.00
	4" SEWER SERVICE	47	EA.	\$1,615.00	\$75,905.00
	20" STEEL CASING	70	L.F.	\$2,000.00	\$140,000.00
	CONNECTION TO EXISTING MAIN	1	EA.	\$1,900.00	\$1,900.00
					\$1,800,177.00

WATERLINE

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	6" WATERPIPE (DIP)	3,688	L.F.	\$20.00	\$73,760.00
	8" WATERPIPE (PVC)	8,753	L.F.	\$39.00	\$341,367.00
	12" WATERPIPE (PVC)	7,998	L.F.	\$57.00	\$455,886.00
	16" WATERPIPE (DIP)	5,992	L.F.	\$77.60	\$464,979.20
	6" GATE VALVE	29	EA.	\$1,000.00	\$29,000.00
	8" GATE VALVE	70	EA.	\$1,750.00	\$122,500.00
	12" GATE VALVE	18	EA.	\$3,000.00	\$54,000.00
	16" BUTTERFLY VALVE	12	EA.	\$18,000.00	\$216,000.00
	8" MISC. FITTINGS	69	EA.	\$460.00	\$31,740.00
	12" MISC. FITTINGS	30	EA.	\$730.00	\$21,900.00
	16" MISC. FITTINGS	15	EA.	\$1,500.00	\$22,500.00
	AIR / VACUUM VALVE	6	EA.	\$6,700.00	\$40,200.00
	8" CAP WITH BLOW OFF	30	EA.	\$2,000.00	\$60,000.00
	2" BLOW OFF VALVE (8" LINE-LOW POINT)	3	EA.	\$2,000.00	\$6,000.00
	6" BLOW OFF VALVE (16" LINE-LOW POINT)	1	EA.	\$2,500.00	\$2,500.00
	FIRE HYDRANTS WITH 6" LEAD	29	EA.	\$5,000.00	\$145,000.00
	IRRIGATION SERVICE W/ METER(2")	6	EA.	\$2,500.00	\$15,000.00
	DOMESTIC WATER SERVICE W/ METER	47	EA.	\$1,400.00	\$65,800.00
	20" STEEL CASING	70	L.F.	\$2,000.00	\$140,000.00
	CONNECTION TO EXISTING MAIN	3	EA.	\$1,000.00	\$3,000.00
					\$2,311,132.00

CONTINGENCIES 20% OF CONSTRUCTION COSTS = **\$822,261.80**

Total Filing 1 Water/Sewer= **\$4,933,570.80**

