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TRAILS AT CROWFOOT FILING 11 ENGINEER'S ESTIMATE OF ANTICIPATED COSTS

PROJECT:	TRAILS AT CROWFOOT FILING 11	ACREAGE:	14.329
CLIENT:	E5X MANAGEMENT	LOTS:	59
ESTIMATE PREPARED BY:	CVL CONSULTANTS OF COLORADO, INC.	JOB NUMBER:	283701
		PHASE:	FILING 11
		DATE:	12/5/2017

SANITARY SEWER

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	8" SEWER (PVC)	2,507	L.F.	\$48.00	\$120,336.00
	12" SEWER (PVC)	0	L.F.	\$54.00	\$0.00
	18" SEWER (PVC)	0	L.F.	\$67.00	\$0.00
	4' DIA. MANHOLE	21	EA.	\$2,850.00	\$59,850.00
	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	59	EA.	\$1,615.00	\$95,285.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	2	EA.	\$1,900.00	\$3,800.00
					\$279,271.00

WATERLINE

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	6" WATERPIPE (DIP)	84	L.F.	\$20.00	\$1,680.00
	8" WATERPIPE (PVC)	3,027	L.F.	\$39.00	\$118,053.00
	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	25	EA.	\$460.00	\$11,500.00
	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 VALVE	3	EA.	\$2,000.00	\$6,000.00
	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	59	EA.	\$1,400.00	\$82,600.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	3	EA.	\$1,000.00	\$3,000.00
					\$275,583.00



CONTINGENCIES 20% OF CONSTRUCTION COSTS = **\$110,970.80**

Total Filing 11 Water/Sewer = **\$665,824.80**