



**TRAILS AT CROWFOOT FILING 12  
ENGINEER'S ESTIMATE OF ANTICIPATED COSTS**

PROJECT: TRAILS AT CROWFOOT FILING 12  
CLIENT: E5X MANAGEMENT  
ESTIMATE PREPARED BY: CVL CONSULTANTS OF COLORADO, INC.

ACREAGE: 8.208  
LOTS: 18  
JOB NUMBER: 283701  
PHASE: FILING 12  
DATE: 3/13/2018

**SANITARY SEWER**

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	8" SEWER (PVC)	1,266	L.F.	\$48.00	\$60,768.00
	12" SEWER (PVC)	0	L.F.	\$54.00	\$0.00
	18" SEWER (PVC)	0	L.F.	\$67.00	\$0.00
	4' DIA. MANHOLE	9	EA.	\$2,850.00	\$25,650.00
	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	18	EA.	\$1,615.00	\$29,070.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	1	EA.	\$1,900.00	\$1,900.00
					<b>\$117,388.00</b>

**WATERLINE**

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	6" WATERPIPE (DIP)	40	L.F.	\$20.00	\$800.00
	8" WATERPIPE (PVC)	1,494	L.F.	\$39.00	\$58,266.00
	12" WATERPIPE (PVC)	0	L.F.	\$57.00	\$0.00
	16" WATERPIPE (DIP)	0	L.F.	\$77.60	\$0.00
	6" GATE VALVE	2	EA.	\$1,000.00	\$2,000.00
	8" GATE VALVE	2	EA.	\$1,750.00	\$3,500.00
	12" GATE VALVE	0	EA.	\$3,000.00	\$0.00
	16" BUTTERFLY VALVE	0	EA.	\$18,000.00	\$0.00
	8" MISC. FITTINGS	14	EA.	\$460.00	\$6,440.00
	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	0	EA.	\$2,000.00	\$0.00
	2" BLOW OFF VALVE (8" LINE-LOW POINT)	1	EA.	\$2,000.00	\$2,000.00
	6" BLOW OFF VALVE (16" LINE-LOW POINT)	0	EA.	\$2,500.00	\$0.00
	FIRE HYDRANT WITH 6" LEAD	2	EA.	\$5,000.00	\$10,000.00
	IRRIGATION SERVICE W/ METER(2")	0	EA.	\$2,500.00	\$0.00
	DOMESTIC WATER SERVICE W/ METER	18	EA.	\$1,400.00	\$25,200.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	2	EA.	\$1,000.00	\$2,000.00
					<b>\$110,206.00</b>

CONTINGENCIES 20% OF CONSTRUCTION COSTS = **\$45,518.80**

Total Filing 12 Water/Sewer= **\$273,112.80**

