



CVL Consultants of Colorado, Inc.

10333 E. Dry Creek Rd
Suite 240
Englewood, Colorado 80112
720.482.9526 Fax 720.482.9546

**TRAILS AT CROWFOOT FILING 13
ENGINEER'S ESTIMATE OF ANTICIPATED COSTS**

PROJECT:	ACREAGE:	10.062
TRAILS AT CROWFOOT FILING 13	LOTS:	51
CLIENT:	JOB NUMBER:	283701
E5X MANAGEMENT	PHASE:	FILING 13
ESTIMATE PREPARED BY:	DATE:	12/5/2017
CVL CONSULTANTS OF COLORADO, INC.		

SANITARY SEWER

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	8" SEWER (PVC)	1,701	L.F.	\$48.00	\$81,648.00
	12" SEWER (PVC)	0	L.F.	\$54.00	\$0.00
	18" SEWER (PVC)	0	L.F.	\$67.00	\$0.00
	4' DIA. MANHOLE	11	EA.	\$2,850.00	\$31,350.00
	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	51	EA.	\$1,615.00	\$82,365.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	1	EA.	\$1,900.00	\$1,900.00
					\$197,263.00

WATERLINE

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	6" WATERPIPE (DIP)	28	L.F.	\$20.00	\$560.00
	8" WATERPIPE (PVC)	1,719	L.F.	\$39.00	\$67,041.00
	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	6	EA.	\$1,750.00	\$10,500.00
	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	1	EA.	\$2,000.00	\$2,000.00
	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	51	EA.	\$1,400.00	\$71,400.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	3	EA.	\$1,000.00	\$3,000.00
					\$174,941.00



CONTINGENCIES 20% OF CONSTRUCTION COSTS = \$74,440.80

Total Filing 13 Water/Sewer= \$446,644.80