



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 5 ENGINEER'S ESTIMATE OF ANTICIPATED COSTS

PROJECT:	TRAILS AT CROWFOOT FILING 5	ACREAGE:	22.164
CLIENT:	E5X MANAGEMENT	LOTS:	76
ESTIMATE PREPARED BY:	CVL CONSULTANTS OF COLORADO, INC.	JOB NUMBER:	283701
		PHASE:	FILING 5
		DATE:	12/5/2017

SANITARY SEWER

ITEM	DESCRIPTION	QUANTITY	UNIT	COST/UNIT	TOTAL COST
	8" SEWER (PVC)	2,510	L.F.	\$48.00	\$120,480.00
	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	76	EA.	\$1,615.00	\$122,740.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	6	EA.	\$1,900.00	\$11,400.00
					\$283,120.00

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	10	EA.	\$1,750.00	\$17,500.00
	12" GATE VALVE	0	EA.	\$3,000.00	\$0.00
	16" BUTTERFLY VALVE	0	EA.	\$18,000.00	\$0.00
	8" MISC. FITTINGS	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	0	EA.	\$6,700.00	\$0.00
	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	76	EA.	\$1,400.00	\$106,400.00
	20" STEEL CASING	0	L.F.	\$2,000.00	\$0.00
	CONNECTION TO EXISTING MAIN	7	EA.	\$1,000.00	\$7,000.00
					\$281,229.00



CONTINGENCIES 20% OF CONSTRUCTION COSTS = \$112,869.80

Total Filing 5 Water/Sewer= \$677,218.80