



# Arrowleaf

## Engineer's Cost Estimate

4/5/24

BAG

7895-01

Description	Item	Unit	Unit Price	Amount
<b>Culinary Water</b>				
6" Fire Hydrant W/ Acc. Valve		3 ea	\$5,900.00	\$17,700.00
Service Laterals		9 ea	\$1,200.00	\$10,800.00
3" Gate Valve		2 ea	\$1,200.00	\$2,400.00
4" Gate Valve		4 ea	\$1,540.00	\$6,160.00
6" Gate Valve		5 ea	\$1,640.00	\$8,200.00
Test & Chlorinate		1 l.s.	\$2,500.00	\$2,500.00
Connection to Existing Wells to serve Tanks		2 ea	\$15,000.00	\$30,000.00
3" PVC Pipe & Fittings		430 l.f.	\$24.00	\$10,320.00
4" PVC Pipe & Fittings		2,320 l.f.	\$28.00	\$64,960.00
6" PVC Pipe & Fittings		2,400 l.f.	\$50.00	\$120,000.00
Engineered Trench Fill		1525.9259 c.y.	\$8.50	\$12,970.37
Access Roadway and Creation of Pad for Tank		1 l.s.	\$65,000.00	\$65,000.00
Concrete Water Reservoir (100k Gal)		1 l.s.	\$185,000.00	\$185,000.00
				\$536,010.37
<b>Storm Drain</b>				
15" R.C.P. Pipe		150 l.f.	\$52.50	\$7,875.00
12" R.C.P. Pipe		26 l.f.	\$44.50	\$1,157.00
Engineered Trench Fill		1,408 c.y.	\$8.50	\$11,968.00
4' x 4' Catch Basin w/ Grate		6 ea	\$3,250.00	\$19,500.00
Connection to Existing		1 ea	\$3,500.00	\$3,500.00
				\$44,000.00
<b>Street Improvements</b>				
Rip-Rap Shoulder		1,960 l.f.	\$16.00	\$31,360.00
10" Gravel Base and 3" Asphalt Surface		5,662 s.y.	\$39.50	\$223,657.78
Net Excavation		17,422 c.y.	\$5.25	\$91,466.67
Rip-Rap Drainage Swale		1960 l.f.	\$24.00	\$47,040.00
				\$393,524.44
<b>Misc.</b>				
Equipment Building for Gates		1 l.s.	\$1,500.00	\$1,500.00
Street Signs		1 ea	\$320.00	\$320.00
6' Gabion and Rail Fence		503 l.f.	\$101.25	\$50,928.75
Sliding Entry Gates		2 ea	\$12,000.00	\$24,000.00
16" Gabion Wall		112 l.f.	\$89.00	\$9,968.00
SWPPP		1 l.s.	\$3,500.00	\$3,500.00
Dry Utility Trench		3,920 l.f.	\$9.50	\$37,240.00
				\$127,456.75
<b>Subtotal</b>				\$1,100,991.56
<b>Contingency (10%)</b>				\$110,099.16
<b>Total Estimated Cost</b>				<b><u>\$1,211,090.72</u></b>