

**JC Ranches Subdivision
Preliminary Plan Engineering Cost Estimate**

GENERAL CONTRACT ITEMS				
Item	Quantity	Unit	Unit Price	Total Cost
Mobilization, Demobilization and General Contract Requirements	1	LS	31,214.00	\$ 31,214
Traffic Control	1	LS	2,500.00	\$ 2,500
Stormwater Prevention Plan and Implementation	1	LS	5,000.00	\$ 5,000
			SUBTOTAL=	\$ 38,714

ROAD AND POND CONSTRUCTION				
Item	Quantity	Unit	Unit Price	Total Cost
Asphalt (Hot Plant Mix)	28	Ton	330.00	\$ 9,240
3/4" Gravel	1830	CY	45.00	\$ 82,350
2" Minus Gravel	1830	CY	40.00	\$ 73,200
Earthwork (Cut & Fill)	3570	CY	25.00	\$ 89,250
Pond Liner	17100	SF	1.00	\$ 17,100
Dry Hydrant	1	EA	5,000.00	\$ 5,000
New Water Supply Well	1	EA	25,000.00	\$ 25,000
3" Polyethylene pipe	60	LF	75.00	\$ 4,500
Water Manole (4' Diameter, 6 feet Deep)	1	EA	6,500.00	\$ 6,500
			SUBTOTAL=	\$ 312,140

UTILITY IMPROVEMENTS				
Item	Quantity	Unit	Unit Price	Total Cost
12" Culvert	610	LF	45.00	\$ 27,450
12" Flared End	34	EA	100.00	\$ 3,400
18" Culvert	80	LF	65.00	\$ 5,200
18" Flared End	4	EA	150.00	\$ 600
27'x6.25'x31.5' Culvert	1	EA	94,657.00	\$ 94,657
Riprap (Type VL)	38	CY	60.00	\$ 2,280
Underground Power Per Fall River	1	LS	128,022.93	\$ 128,023
Dry Utility Trenching & Conduit	6300	LF	8.00	\$ 50,400
Underground Phone Line Per Silver Star	1	LS	37,734.23	\$ 37,734
			SUBTOTAL=	\$ 349,744

SITE AMENITIES & LANDSCAPING				
Item	Quantity	Unit	Unit Price	Total Cost
Concrete Pad for Mailboxes (6")	4	SY	500.00	\$ 2,000
Mailbox Unit	2	EA	8,500.00	\$ 17,000
Blue Spruce Trees	3	EA	3,500.00	\$ 10,500
Aspen Trees	4	EA	2,500.00	\$ 10,000
Subdivision Billboard	1	EA	1,000.00	\$ 1,000
			SUBTOTAL=	\$ 40,500

			TOTAL ESTIMATED PROJECT COST=	\$ 741,098
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Note: This is an estimate only based on preliminary design. Unit costs and quantities may vary. Also, prices are based on the date of preparation, which is 8-06-2024. Construction costs vary drastically and may be significantly different at the time of construction.