



DESIGN • LANDSCAPE CONSTRUCTION • CONSULTING

Costello Productions LLC.

Estimate No: 282
Date: 01/24/2023
For: City of Bexley Arboretum Pond Feature
eandrews@bexley.org

Estimate

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www.costelloproductions.com

Description	Quantity	Rate	Amount
<p>45 mil EPDM Liner and underlayment. 150'x70'. Liner will be installed over protective padding and underneath all structures and covered with stone. Liner will not be visible in any areas.</p> <p>Pump house with built-in skimmer will be placed on west side of the pond This will pull leaves and debris across the pond and collect them before they get saturated and sink</p> <p>Includes Filter Brushes Includes custom rock lid Two chamber design allows pumps to be inspected without removing mesh net or filter brushes Skimmers have a flange above the opening where water enters from the pond into the skimmer, allowing you not only to stack rocks along the side but also above the skimmer opening Internal brush filters are easy to clean and prevent the pump from clogging 2hp pump delivering 12,000 gallons per hour(200gpm)</p> <p>Water will be pumped to east side of the pond and underneath the rocks in several areas, creating a natural spring look. This will provide maximum water flow across the pond and add air to the water at the same time.</p> <p>Pond will be excavated (all excavated soil that is not needed for the project finish will be hauled away by the city during excavation 8 feet on the east end, and a depth of roughly 5 feet on the west end The east end will have a false bottom. Large rolls of PVC pipe will be placed on top of the liner and backfilled with 2-5" round rock. When finished the east, and will have a 3 foot depth. Pond fabric will be placed over the rolls of pipe and gravel, allowing a natural stone bottom to be installed. This will hold an additional 12,000 gallons of water keeping the pond cool during summer months. It will also create additional habitat areas for wildlife.</p> <p>12 foot diameter concrete tree well ,constructed above liner. Tree wheel will be sealed to keep pond water out and will have an underwater shelf 12 inches below water level to aid in the servicing of the landscape. There will also be a couple large boulders 12 inches under water to allow maintenance worker to access the shelf from ponds edge with knee-high boots.</p> <p>Topsoil will be separated and stored on site for finishing. Clay will be used to build the area up to create a solid surface around the pond. Any additional clay or unsuitable soil will be hauled away.</p> <p>Trenching will be included from the pond to N. Parkview Avenue .Trench utilities will include electric service to run the pump and an overflow to carry rainwater from the pond to desired discharge area. (storm water system) plus additional conduit for future use(possibly communication cable)</p> <p>Entire pond will be wrapped with stone slabs. Stone slabs will staircase from grade to the bottom of the pond making it easy for anyone to climb in or out. Stone slabs will range from 8 to 12 inches thick. Entire bottom of the pond will be covered in slabs and round rock from 3 to 20 inches. There will be two boulder piles placed for fish habitat, along with some buried pipes that will not be visible to give the fish protection f</p>	1	\$0.00	\$0.00

Description	Quantity	Rate	Amount
Bridge footings will be poured in solid concrete and reinforced with rebar The footings will be 16" x 48" x 36" deep. They will be poured outside of the liner and prepped for bridge attachment.	1	\$306,000.00	\$306,000.00
Compacted gravel base, installed around entire pond 4 feet wide, to serve as a footing for top course slabs and walking path as shown on drawings			
Flagstone landing areas set in concrete as shown on drawing 600sq.ft (these can be adjusted/shaped in the field)			
Staging area for project will be fenced in between N. Parkview Ave., Fence tree protection will be placed around existing trees where equipment will be running to protect them.			
220 ton of landscape slabs and boulders (Delaware brown)			
120 ton of granite round rock to cover the bottom of the pond and for landscape use,fish habitat.			

Subtotal	\$306,000.00
TAX 0%	\$0.00
Total	\$306,000.00

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Photo 1

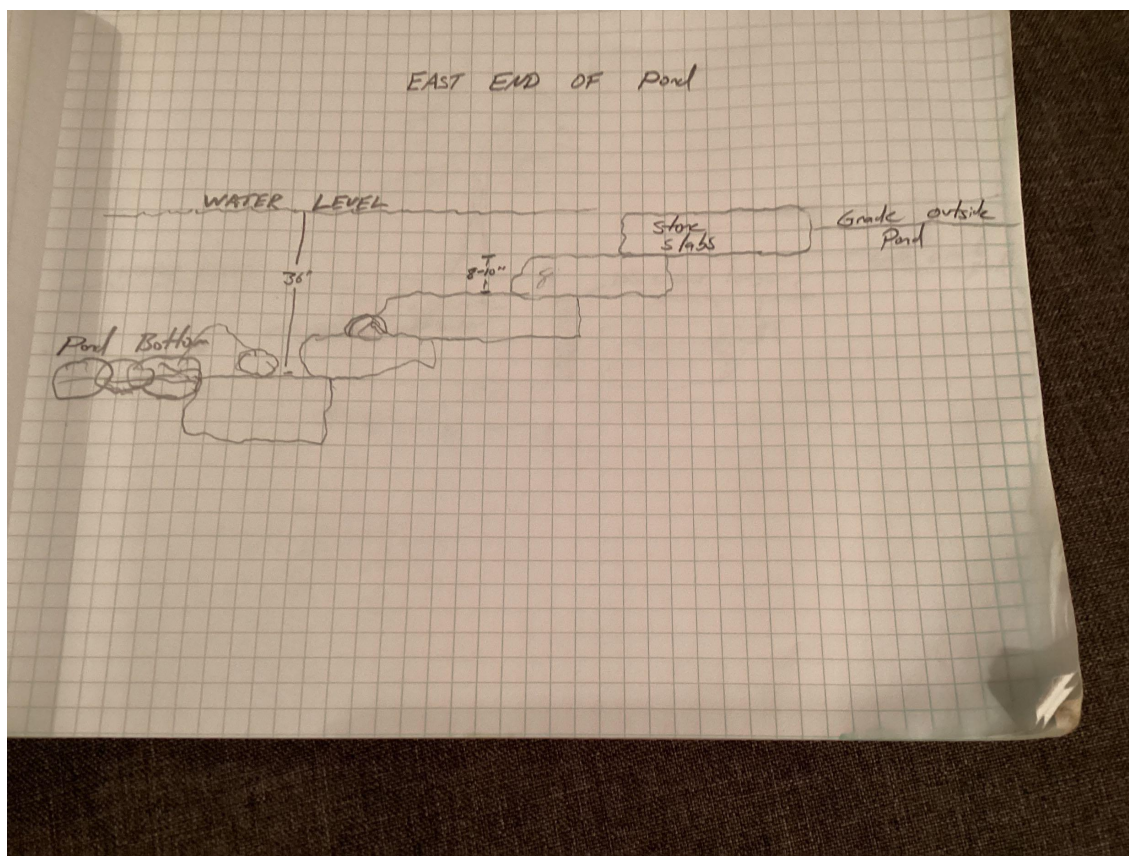


Photo 2

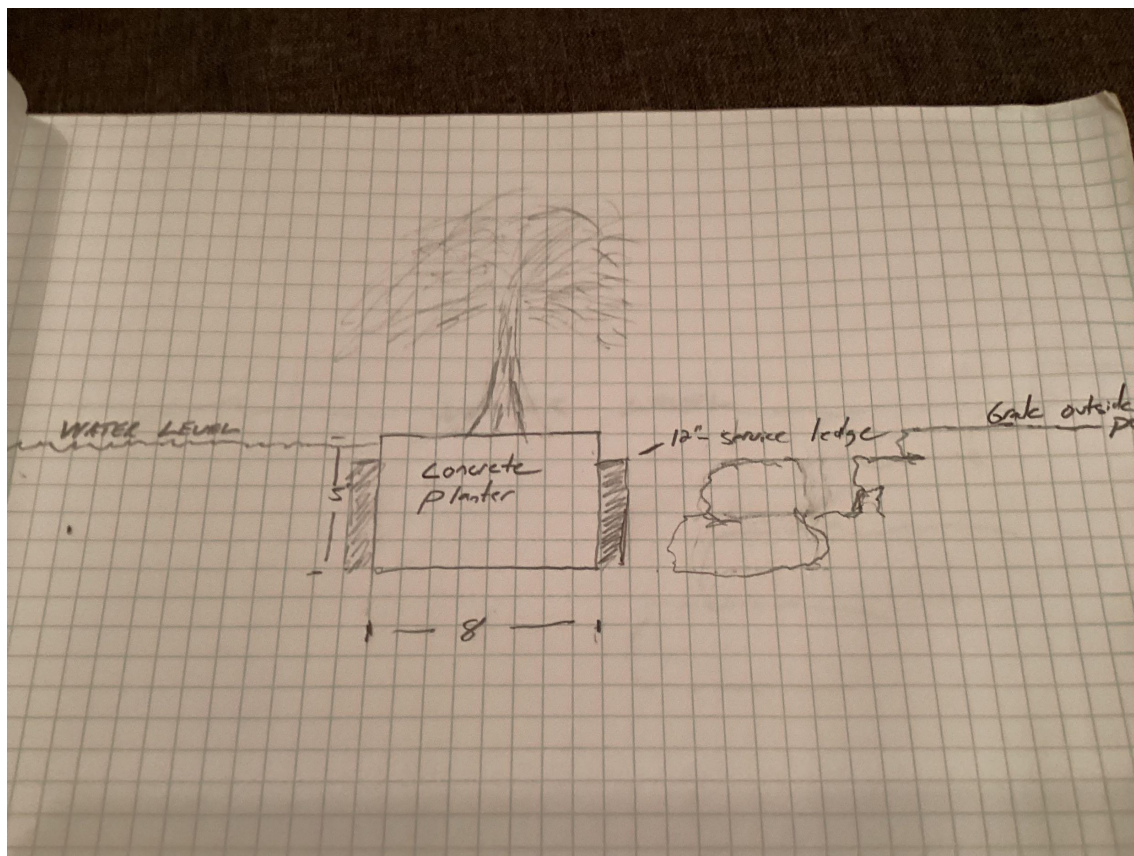


Photo 3

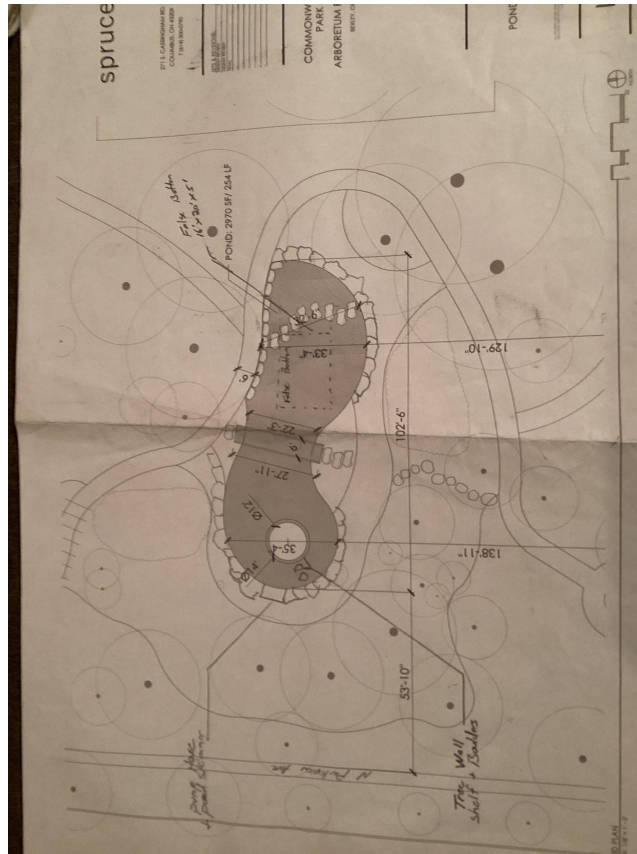


Photo 4



Photo 5

