



- KEY- PLAN FEATURES
- 1 STONE SEATING CIRCLE
 - 2 MEADOW MAZE
 - 3 STREAM PLAY
 - 4 TREE DISCOVERY
 - 5 BIRCH TREE FORT
 - 6 FAIRY HOUSE BUILDING



PREPARED FOR:

The Arboretum
 at Fort Williams Park

PREPARED BY:
Mitchell & Associates
 LANDSCAPE ARCHITECTS
THE STAPLES SCHOOL 70 CENTER STREET PORTLAND, MAINE 04101
 PHONE: 207.774.4427 FAX: 207.874.2660



SCALE: 1"=20'
 DATE: MARCH 13, 2013

THE CHILDREN'S GARDEN AT FORT WILLIAMS PARK

Children's Garden Budget Summary

Survey	\$2,000.00
Design	\$27,500.00
Construction	\$322,000.00
Construction Contingency (15%)	\$48,300.00
Design/Construction Total	\$399,800.00
Sustainability fund (20%)	\$79,960.00
Fundraising/Overhead (6%)	\$23,988.00
Project Management (6.5%)	\$25,987.00
Total Budget	\$529,735.00

Sheet1

Children's Garden Maintenance Plan		Responsibility	Term	Frequency	Estimated Annual Cost
Landscaping Services					
Weeding, pruning, mulching etc	Labor	Contracted Landscaping Co.	April – October	1 day / week	\$10,000.00
Mulch	Materials	Contracted Landscaping Co.		annual	\$550.00
Path Maintenance	Labor + Materials	Contracted Landscaping Co.		as needed	\$400.00
Wood dock/bridge	Labor Materials	Contracted Landscaping Co.		as needed	\$50.00
Tree Pruning- TOWN	Labor	Contracted Landscaping Co.		as needed	\$300.00
Plant additions	Labor + Materials	Contracted Landscaping Co.		as needed	\$500.00
Lawn Mowing	Labor	Town of Cape Elizabeth	April – October	2 week	\$0.00
Irrigation System					
Turn on and off system	Labor	Contracted Irrigation Co.	Spring & Fall	annual	\$200.00
Non-scheduled repairs	Labor and Materials	Contracted Irrigation Co.		as needed	\$400.00
Pump Replacement	Labor and Materials	Contracted Irrigation Co.		5-7 years	\$160.00
Stream Maintenance					
Contract for seasonal maintenance	Labor + Materials	Robin's Nest Aquatics	April – October	annual	\$2,167.00
Electric Service for Pump	Utilities	Robin's Nest Aquatics	April – Sept.	12 hrs/ day	\$480.00
Bacteria	Materials	Robin's Nest Aquatics	May – October	Monthly	\$180.00
Biofilter clean out	Labor	Robin's Nest Aquatics		10-20 years	\$100.00
Biofilter plant thinning	labor	Robin's Nest Aquatics		1/year	free
Stream Bed Repair	Labor + Materials	Robin's Nest Aquatics		as needed	--
Pump Replacement	Labor + Materials	Robin's Nest Aquatics			--
Play Areas					
Loose Parts Maintenance	Labor	intern	May – October	½ day / week	\$3,600.00
Add / remove play elements	Labor + Materials	FWCG committee		5 years	\$800.00
Replace Stumps	Labor + Materials	Town or maintenance crew		3-5 years	\$100.00
Total					\$19,987.00

Children's Garden Construction Plan	Work Done By:	Schedule	
Phase 1: Site Preparations			
Remove invasive Black Swallowwort	Volunteer Labor	Late 2013, ongoing	
Remove Trees & Pruning	Volunteer Labor, Town	Fall 2013, Winter/Spring 2014	
Phase 1: Contracted Work			
Demolition	Skip Murray	Spring/ Summer 2015	
Clearing & Grubbing			
Preliminary Grading			
Install Stone Dust Paths			
Install Large Boulder Walls			
Meadow Tunnel Installation			
Phase 2: Contracted Work			
Stone Circle Repair	Bidder	Summer/Fall 2015	
Stair installation			
Plant Bed Preparations			
Stone Walls			
Paving/surfacing			
Tunnel Installation			
Irrigation			
Stream & Biofilter Installation	Robins Nest Aquatics	Summer/ Fall 2015	
Tree Fort Construction	Andy Buck	Summer/ Fall 2015	
Stone Circle Timberframe Canopy	Andy Buck	Summer/ Fall 2015	
Phase 3: Planting			
Plant installation	Bidder	Fall 2015	
Meadow Installation	Bidder	Fall 2015/Spring 2016	
Play Areas			
Loose Parts Maintenance			½ day / week
Add / remove play elements			5 years
Replace Stumps	Town or maintenance crew		3-5 years