POND AND FEATURE DESIGN GRID

1 square = 1 sq ft

Filtration Pump Hint:
Choose a pump that circulates your feature at least once an hour through the filtration system.

Feature Pump Hint:
To have a natural looking effect, for every foot of width in your stream or waterfall you need a minimum of 1200 GPH. (For example, a 3' wide stream will require a minimum of 3600 GPH).

STEP 1: SIZING
a) Calculate your gallons:
L x W x avg D x 7.5 = Gallons
_________________________ Gallons

b) Size Liner & Underlayment:
L + (2*avg D) + 2 = Length
W + (2*avg D) + 2 = Width
__________________ W x ________ L Size

STEP 2: CHOOSE YOUR PUMP
Choose a pump from our large selection based on the hints below and your gallons above.
_______________________________ Pump

STEP 3: CHOOSE YOUR SKIMMER/VAULT
Choose your skimmer or vault based on the flow rate of your pump(s) and feature needs.
____ SF - Simply Falls
____ Disappearing Basin ______ 36" ______ 44"
____ SK2.5 < 2500 GPH
____ SK5 < 5000 GPH
____ SK10 < 10000 GPH

STEP 4: CHOOSE YOUR FILTRATION SYSTEM
Choose your filtration system based on your gallons and organic load.
____ WF5 < 5000 GPH
____ WF10 < 10000 GPH
____ PBF2000 < 2000 GPH
____ PBF4000 < 4000 GPH
____ PBF6000 < 6000 GPH
____ PF800 < 800 GPH
____ PF1200 < 1200 GPH
____ PF2400 < 2400 GPH

STEP 5: CHOOSE YOUR PLUMBING
Size the pipe based on the flow rate ensuring you do not exceed the maximum recommended flow rate. Length needed from skimmer to feature.
________ feet of ________ " Size

ACCESSORIES
____ Bottom Drain Kit  ____ Test Strips
____ Auto Fill Kit  ____ Bacteria
____ Lighting  ____ Plant Baskets
____ Waterfall Foam  ____ Backflush Kit
____ Extra Fittings  ____ UV Filter
____ Maintenance Items  ____ Low Water Pump
____ WF > 6000 GPH  ____ Shut Off