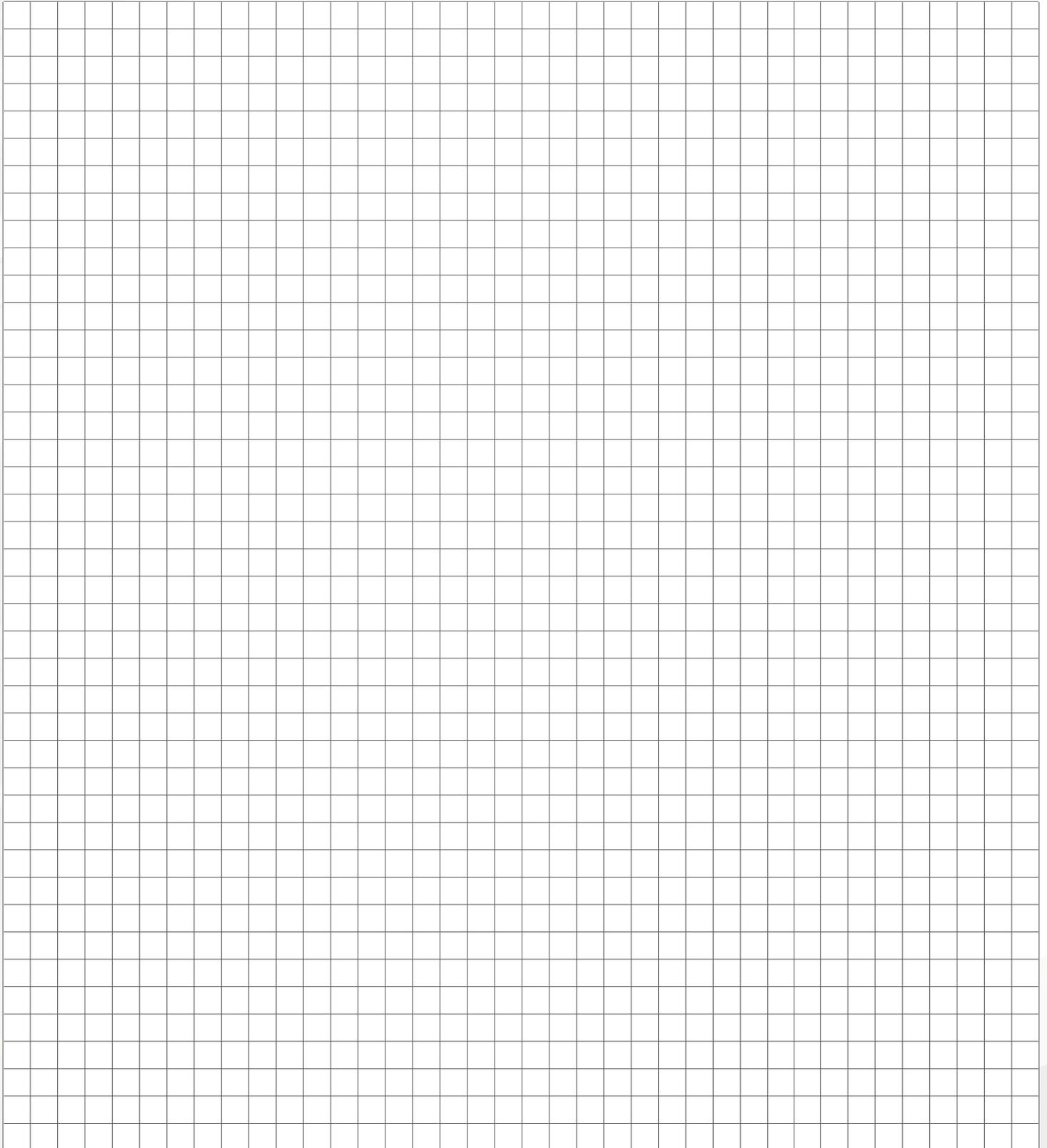


LittleGIANT®

POND & FEATURE DESIGN GRID



POND & FEATURE DESIGN GRID

STEP 1: SIZING

a) Calculate your gallons:

$$L \times W \times \text{avg D} \times 7.5 = \text{Gallons}$$

_____ Gallons

b) Size Liner & Underlayment:

$$L + (2 \times \text{avg D}) + 2 = \text{Length}$$

$$W + (2 \times \text{avg D}) + 2 = \text{Width}$$

_____ W x _____ L Size

STEP 2: CHOOSE YOUR PUMP

Choose a pump from our large selection based on the hints to the right and your gallons above.

_____ Pump

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 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 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

_____ Auto Fill Kit

_____ Lighting

_____ WaterFall Foam

_____ Extra Fittings

_____ Maintenance Items

_____ WFW > 6000 GPH

_____ Test Strips

_____ Bacteria

_____ Plant Baskets

_____ Backflush Kit

_____ UV Filter

_____ Low Water Pump Shut-Off