My Custom Sump

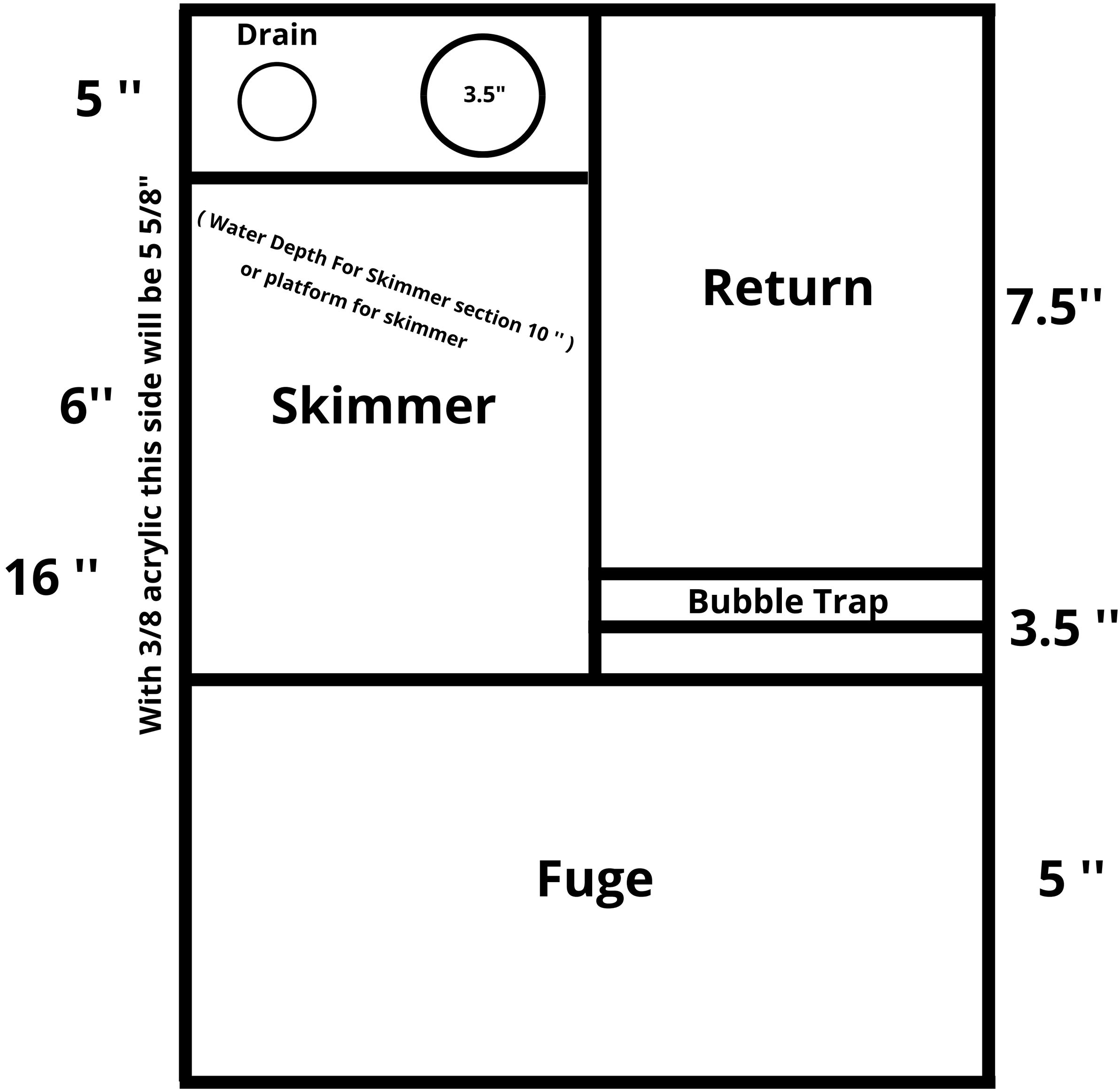
- 1 '' Bulk head coming from aquarium
- Looking to have drain go in seprate space then overflow to filter sock. Not have drain directly into filter sock.
- Skimmer box can have 12 '' of water but needs to have a platform to raise my skimmer up 2 '' to be at recommended height for in sump skimmer.
- All dimensions of skimmer and return pump are down below if things need reworked.
- sump height at 15 '' with water level being at 12'' for skimmer section with 2" platform raise.
- Bubble trap (1st divider: 11.5 '' ; 2nd divider: 1 '' off ground to top of sump; 3rd divider: 10.5 '' high. Spacing is 1'' between first divider and 2.5" for third divider. Last divider being able to remove.
- Red Sea 3.5" Filter sock is what Im using

With 3/8 acrylic this side will be 4 5/8"

7 "

5"

1 " Bulk head coming from aquarium



12 "

Protien Skimmer Water Level = 10 "
Protien Skimmer Dimensions = 5.9x3.2x14
Return Pump Dimension = 4.3x4.3x5.2
Height = 15"
Water Level = skimmer 12" , Fuge 11.5", Return 10.5"

Cuts

3/8" Acrylic or best fit for size of sump

Main Build Cuts

- 2x : 12x15
- 1x : 12x16
- 2x : 15 1/4 x15

Side Panel

- 1x : 11x15
- 1x : 7x15

Skimmer Baffle

- 1x : 7x 12

Bubble Trap

- 1x: 4 5/8x11.5
- 1x: 4 5/8x14
- 1x: 4 5/8x10.5

Sock/Sockholder

- 1x: 5x14
- 1x: 4x5 with 3.5" dia hole