

WAX MUSEUM WATERFALL

96"

$\frac{1}{2}$ gal - 4 sec for 30"
 $1\frac{1}{2}$ gal - 4 sec for 90"
 22.5 gal 60 sec for 90"

47' 1" elevation	@ 20 gpm	V = 3.63	2.47
+ 2' planter	@ 25	V = 4.54	3.8
4 90° Elbows	@ 30	V = 5.45	3.94

pipe $\frac{50}{100} \cdot 3.8 = 1.9$

4-90° $\frac{75}{100} \cdot 1.4 = .3$

2-Tees $\frac{12}{100} \cdot 2 = .24$

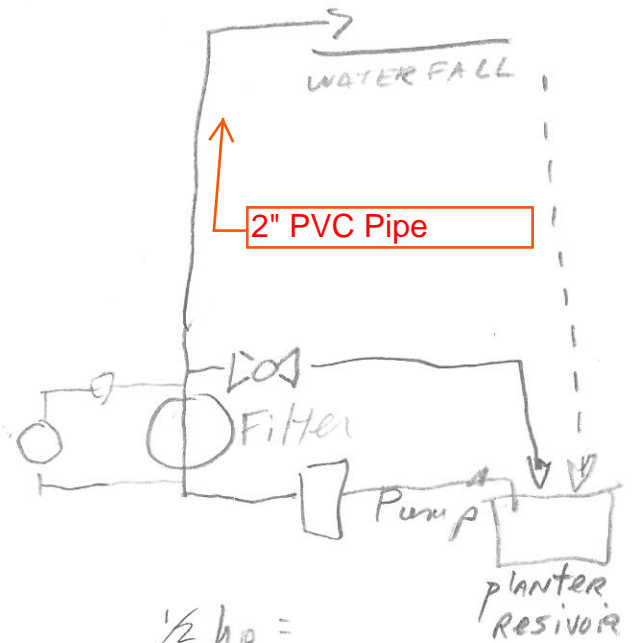
<u>elevation Head</u>	<u>50</u>	<u>45.58</u>
	<u>52.44</u>	<u>48</u>

Filter ± 2'

main Drain 0.5'

exit loss ≤ 0.5'

Total ~~55.44~~ 51.0



$\frac{1}{2}$ hp =

$\frac{3}{4}$ hp =