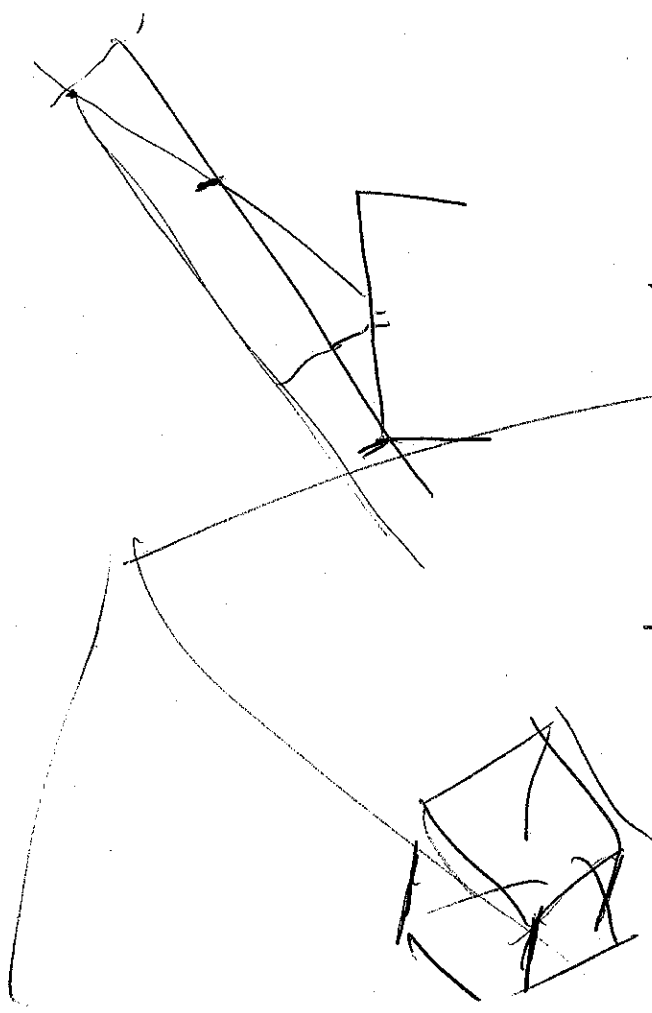
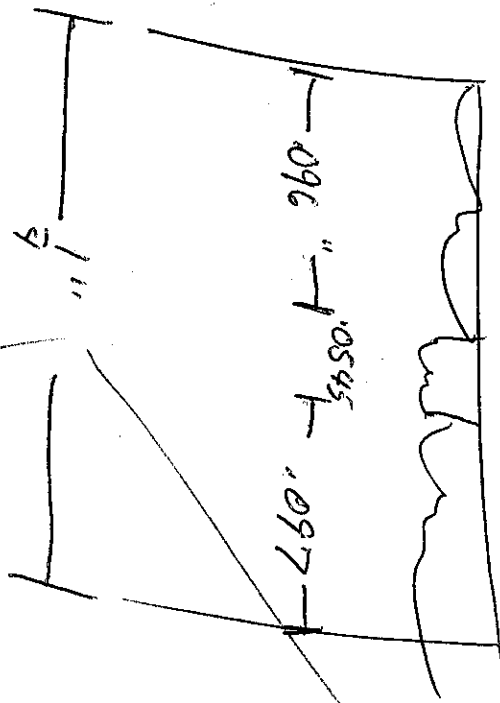
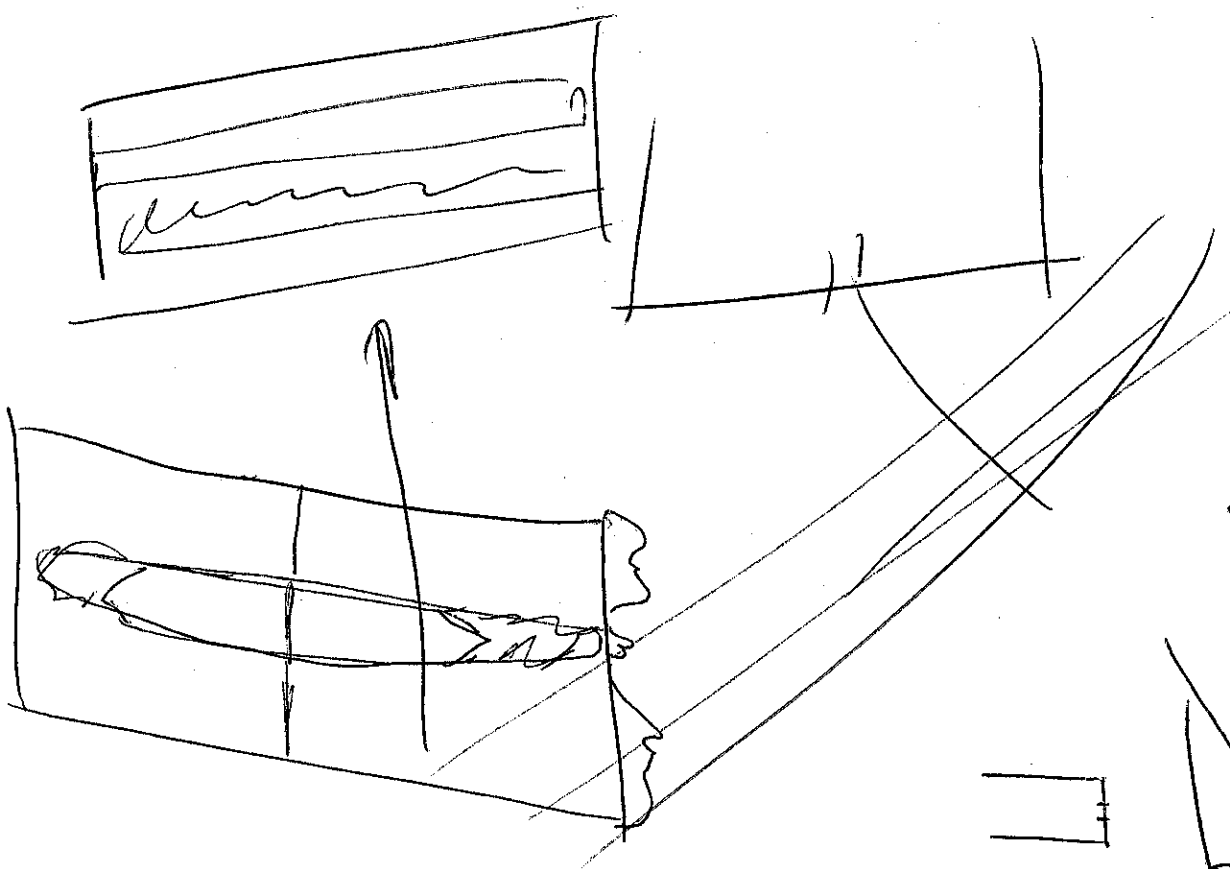


Ref  $\rightarrow$  .547" @ 45°

.45

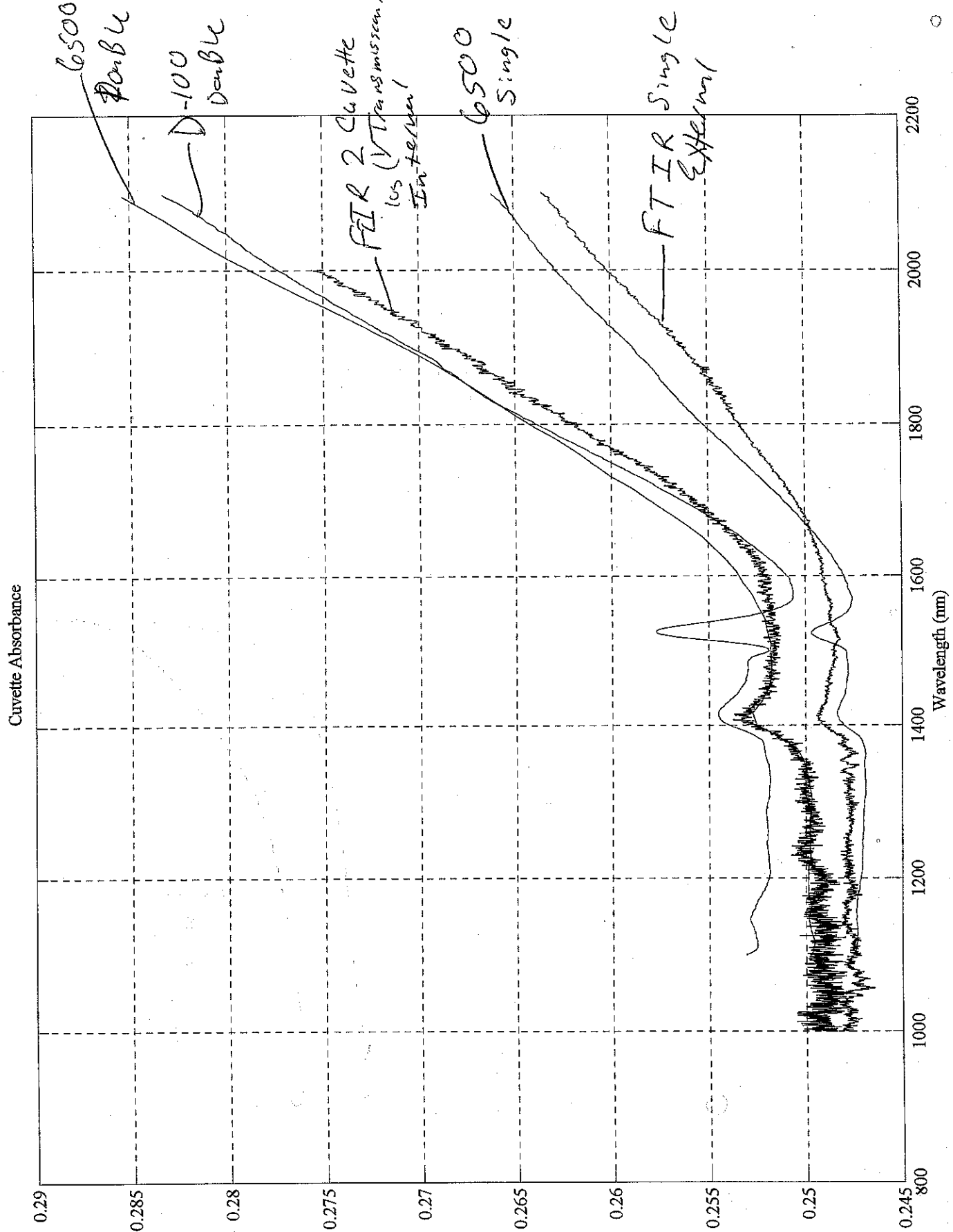
.46" Ref

.096 t. .0545 t. .004 .037 t. .005











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DATE: June 16, 1997  
FAX #: 412 349 8610  
COMPANY: Biocontrol Technologies  
ATTN: Jeremy Grata  
FROM: Liz Chae  
RE: Settling velocity of particles  
Total Pages: 1

Hi Jeremy,

Here is the formula for the settling velocity of particles:

$$V = \frac{(\rho_p - \rho_f) d^2 g}{18\eta}$$

where:

$\rho_p = 1.05 \text{ g/cc}$

$\rho_f = \text{density of fluid}$

$d = \text{diameter of particle, cm}$

$g = \text{gravity} \approx 981 \text{ cm/s}^2$

$\eta = \text{fluid viscosity} \approx 0.01 \frac{\text{dyn} \cdot \text{s}}{\text{cm}^2}$

$V = \text{velocity} = \frac{\text{cm}}{\text{s}}$

Contact me if you have further questions or comments.

Sincerely,

*Liz Chae*