

9/25/04
P. 11

E. coli cell

19%
140

633333 X life size

22

I've never seen chloroplasts so big. accuracy is your drawing?



Labels all direction, form a list

cytosol

Cell membrane

Chloroplast

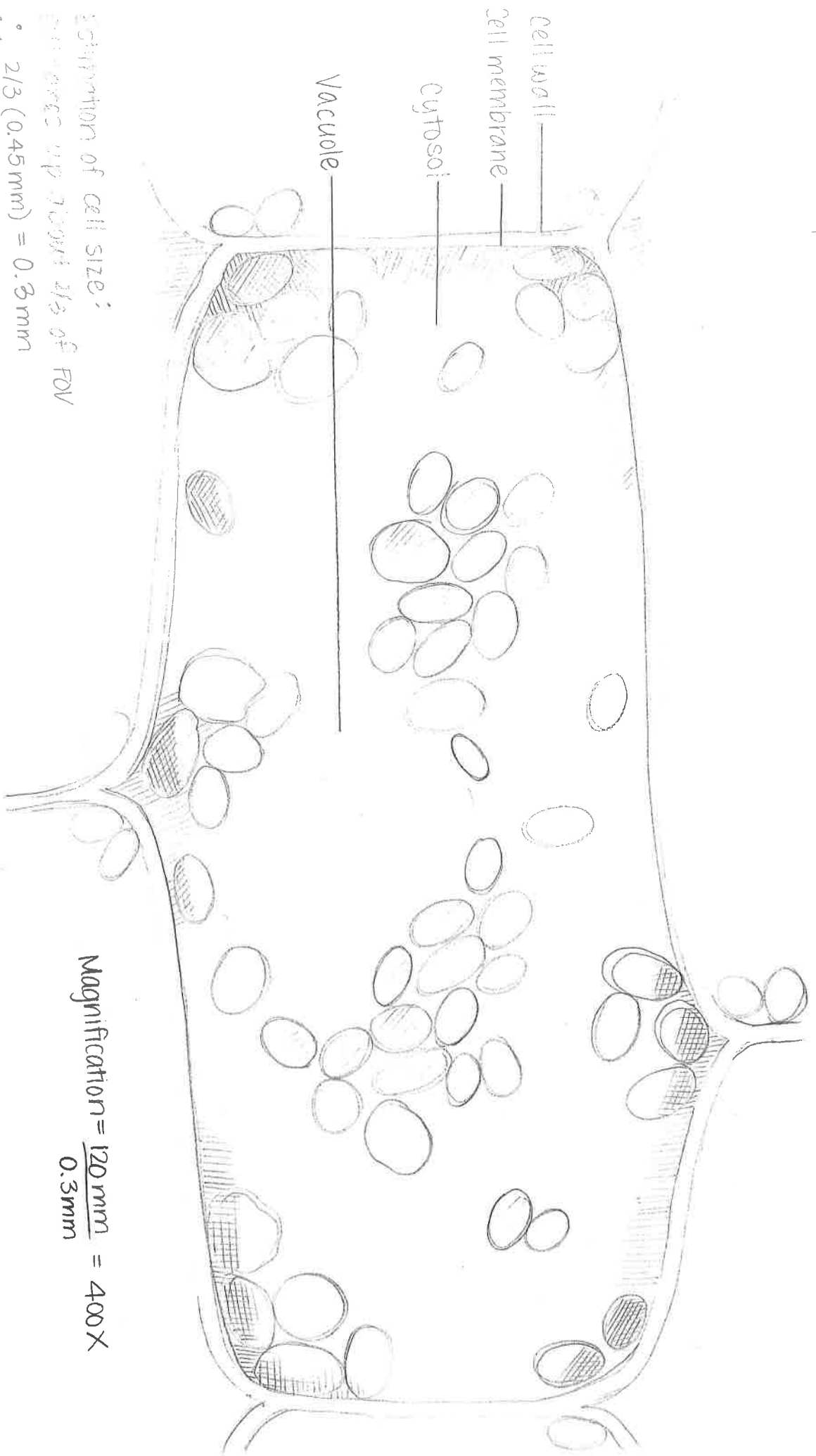
Cell membrane

Elodea canadensis

ALLICIA KIM
IB Biology I
Per. 6
9/25/06

Elodea canadensis drawn at 400X life size

0.3 mm



Estimation of cell size:

measures up about 1/3 of FOV

∴ 2/3 (0.45mm) = 0.3mm

$$\text{Magnification} = \frac{120 \text{ mm}}{0.3 \text{ mm}} = 400 \times$$

Beautiful! 