

Design Assignment 1: HUMAN MEASUREMENT | ANTHROPOMETRY

Step 1

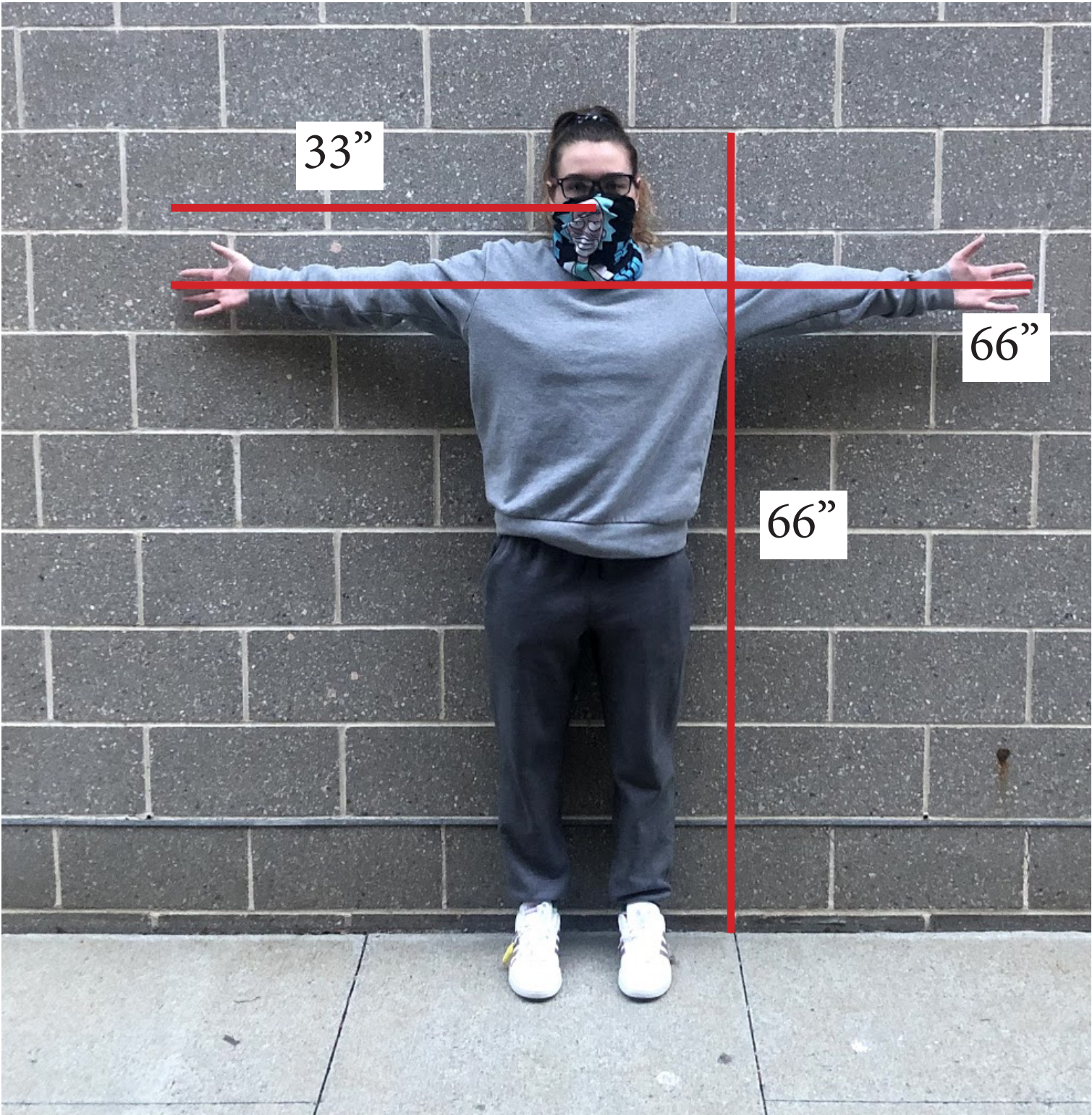


Photo 1: TORSO, with dimensions

- Your height and arm span (arms out horizontally, measured from left hand fingertip to right hand fingertip)
- On an outstretched arm, measure from fingertips to your nose. 1 yard (36" or 92 cm) and 1 meter (39") come from this dimension and are traditionally used for measuring rope and fabric.

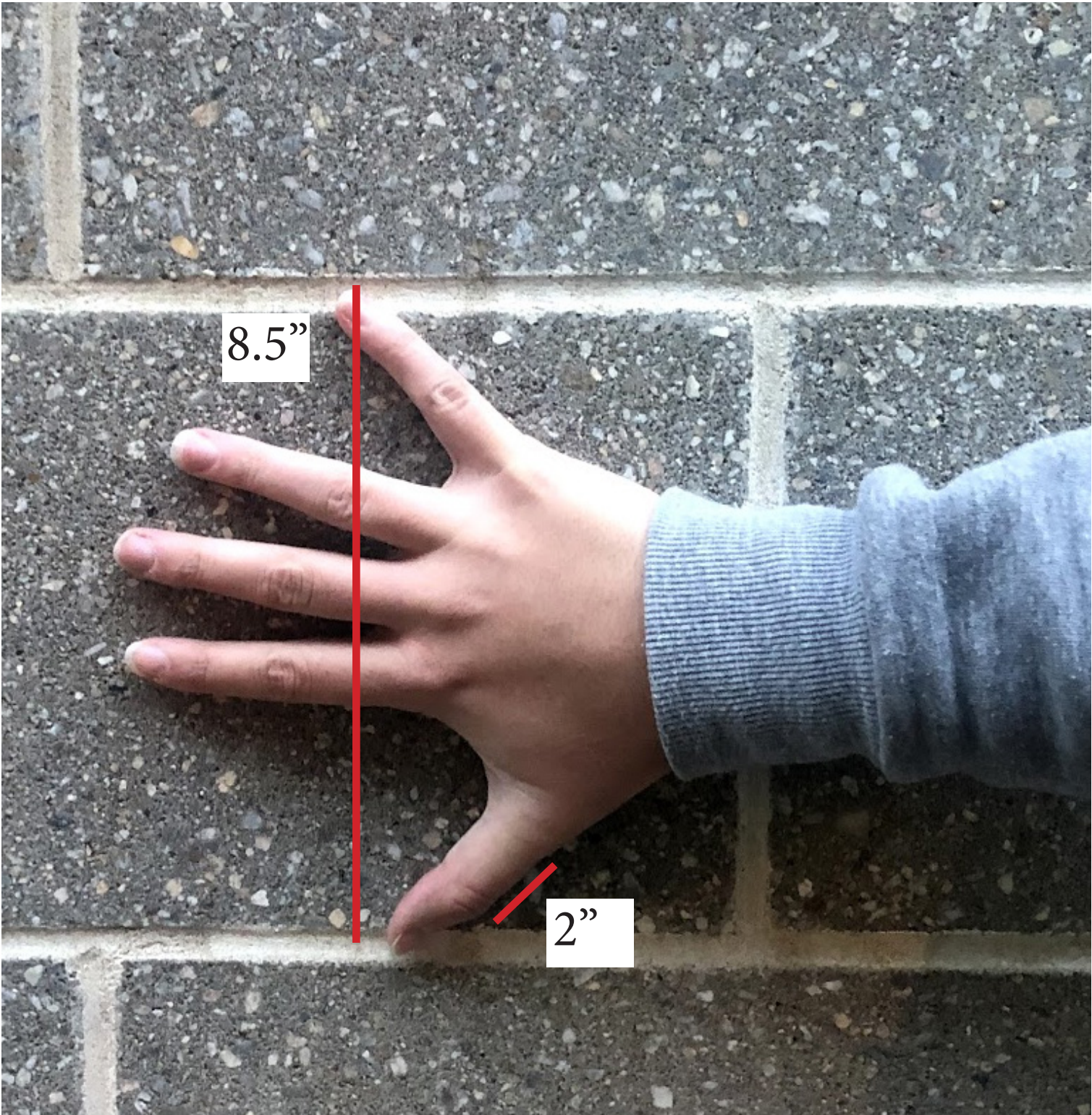


Photo 2: HAND, with dimensions:

- Hand span, measured across your bottom knuckles, without the thumb (typically 4" or 10 cm; the standardized 4" "hand" is the unit of measurement that is often used to measure the height of horses!).
- Top knuckle of your thumb to your thumb tip (typically, 1" or 2.5 cm. How close are you?)

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Photo 3: ONE FULL STRIDE or PACE, with dimensions:

- Distance of one full stride or pace. This is a measurement used for walking and very useful to dimension entire buildings. The Romans used the pace for measurement! Note: your 'pace inside is quite different from your 'pace' outside. Why is that?



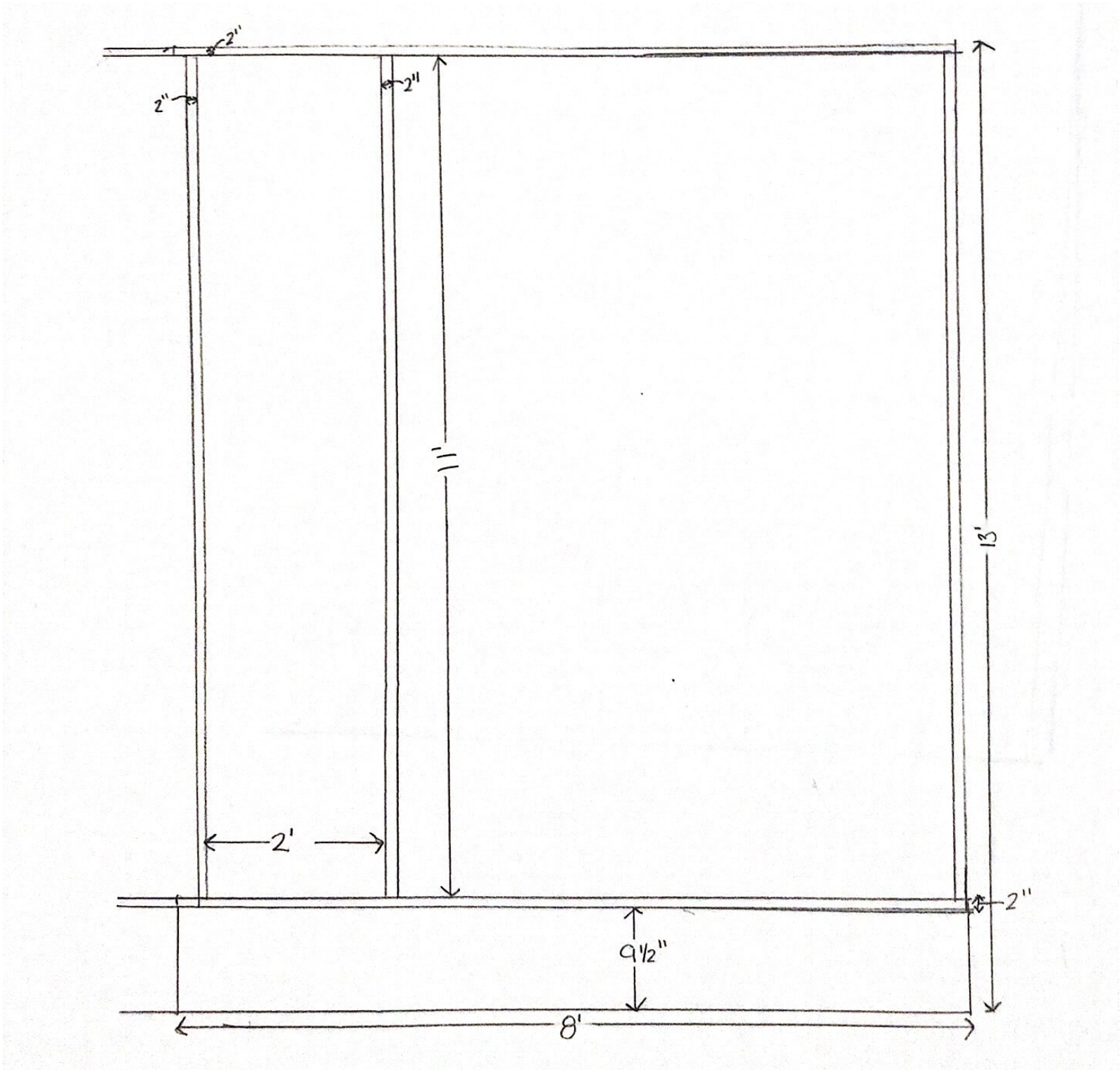
Photo 4: FOOT LENGTH, with dimensions:

- Foot length, heel to toe (good for walking short distances; typically 12" with shoes)

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Step 2 - PHOTO COLLAGE with OVERALL dimensions and notes (“the whole”)



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Step 3 - "THE PART": On-Site dimensioned sketches (zoom in) and Photos



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Step 4 - FREEHAND ELEVATION DRAWING compiling “whole to part” human measurements

