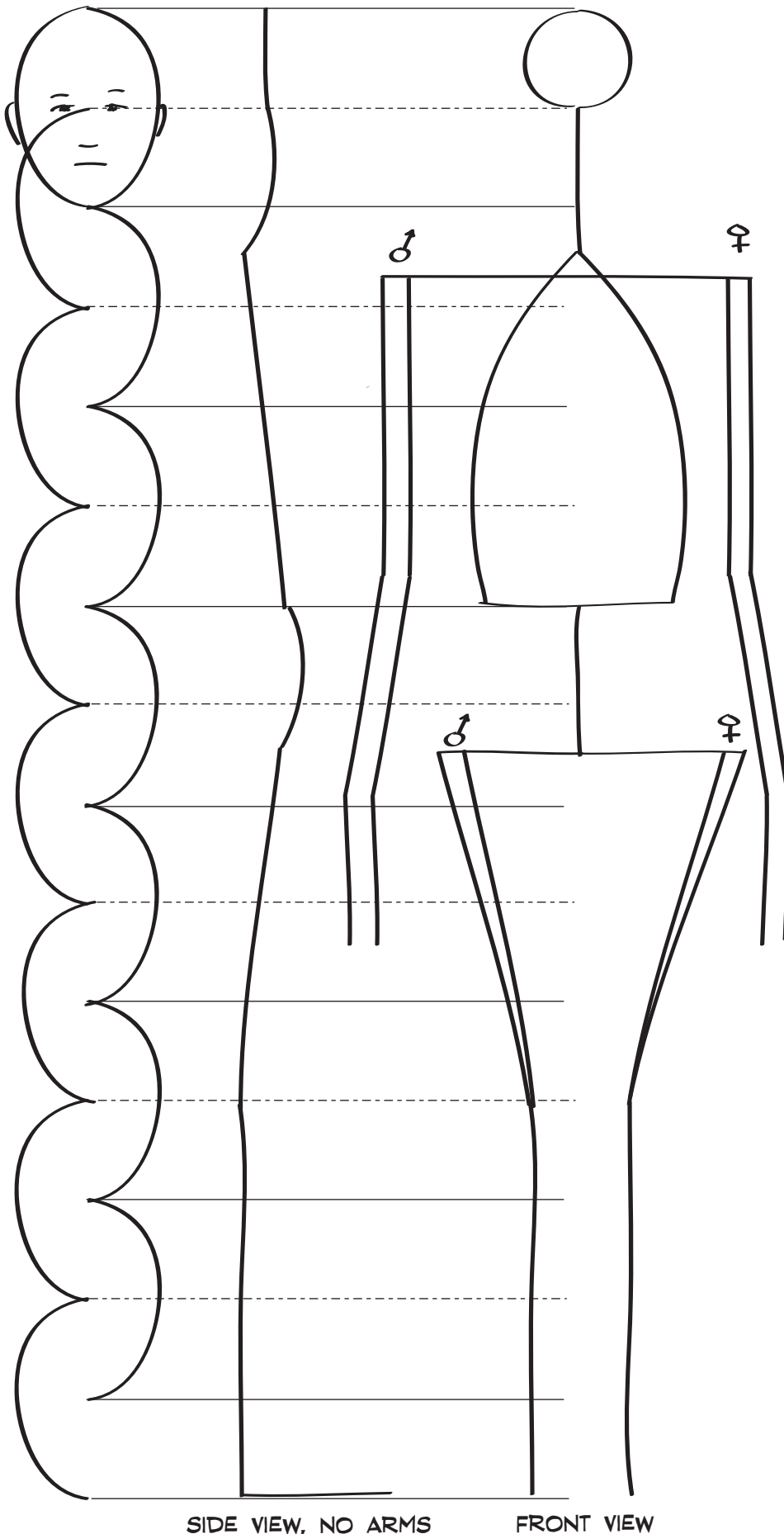


7.5-HEAD ADULT ARMATURE PLAN

BY BLAKE KETCHUM



SIDE VIEW, NO ARMS

FRONT VIEW

THE ARTICULATION POINTS ON THE ARMATURE REPRESENT THE FOLLOWING SKELETAL POINTS: BASE OF THE SKULL, 7TH CERVICAL VERTEBRA, ACROMION PROCESS AT THE BACK OF THE SHOULDERS, THE OLACRANON PROCESS ON THE INSIDE OF THE ELBOWS, THE TOP AND BOTTOM OF THE LUMBAR VERTEBRAE, THE GREAT TROCHANTER, CORONOID PROCESS OF THE ULNA, THE BOTTOM MARGIN OF THE PATELLA, AND THE SOLE OF THE HEEL.

THE RANGE OF MALE WIDTHS, IS ON THE LEFT AND FEMALE IS ON THE RIGHT.

WHEN POSING THE ARMATURE, CONSIDER THE NATURAL RANGE AND DIRECTION OF MOTION FOR EACH JOINT.

LENGTHS IN HEADS

HEAD: 1

RIB CAGE: $1 \frac{3}{4}$

HUMERUS: $1 \frac{1}{2}$

ULNA: $1 \frac{1}{8}$

HAND: $\frac{3}{4}$

FEMUR: $1 \frac{3}{4}$

LOWER LEG: 2

FEET (HEEL TO BALL): $\frac{3}{4}$

WIDTHS IN HEADS

HEAD: $\frac{1}{2}$

MALE SHOULDERS: $1 \frac{3}{4} - 2$

FEM SHOULDERS: $1 \frac{1}{2} - 1 \frac{3}{4}$

RIB CAGE: 1+

MALE AT HIP: $1 \frac{1}{4} - 1 \frac{1}{2}$

FEMALE AT HIP: $1 \frac{1}{2} - 1 \frac{3}{4}$

KNEECAPS: $\frac{1}{2}$