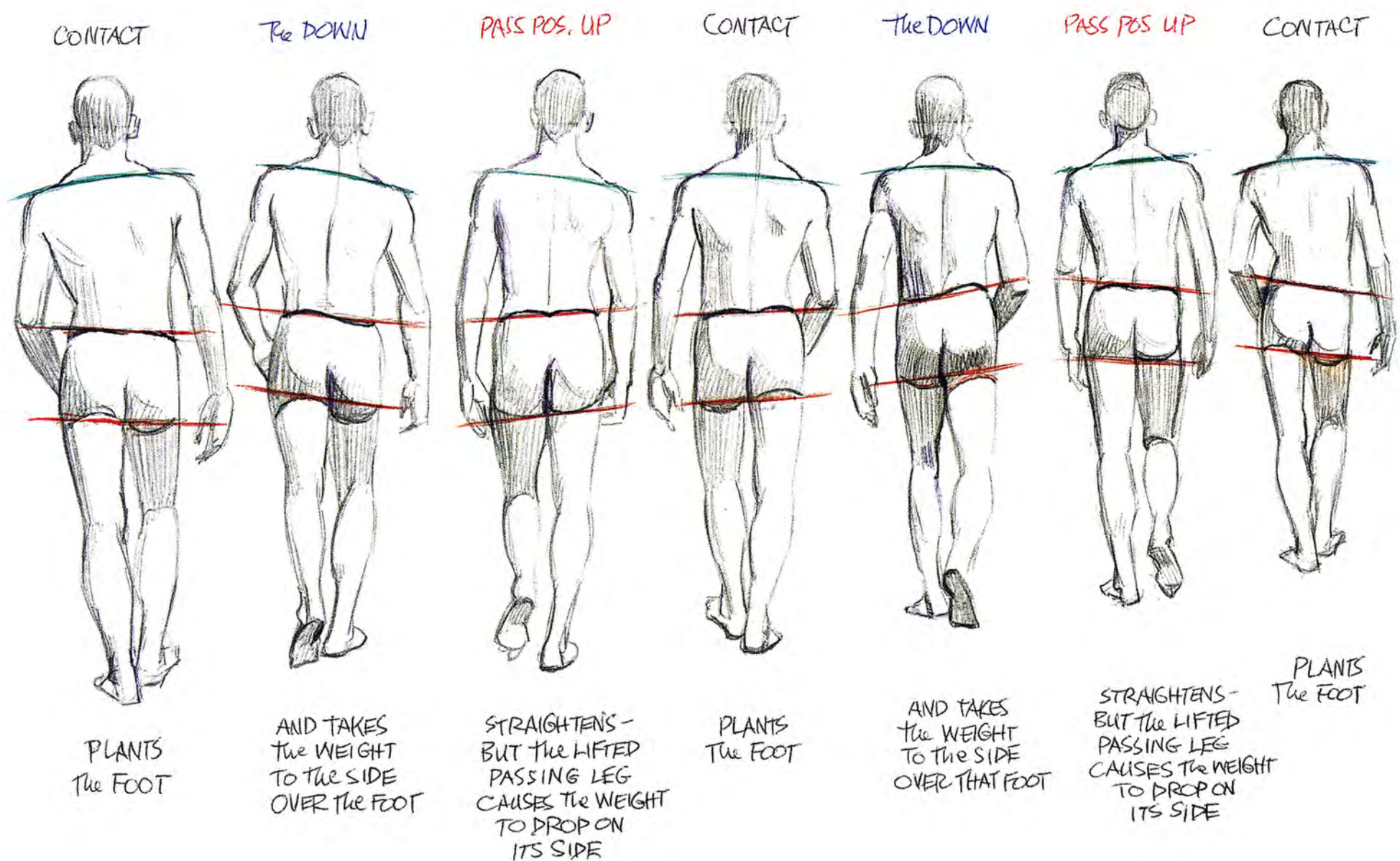


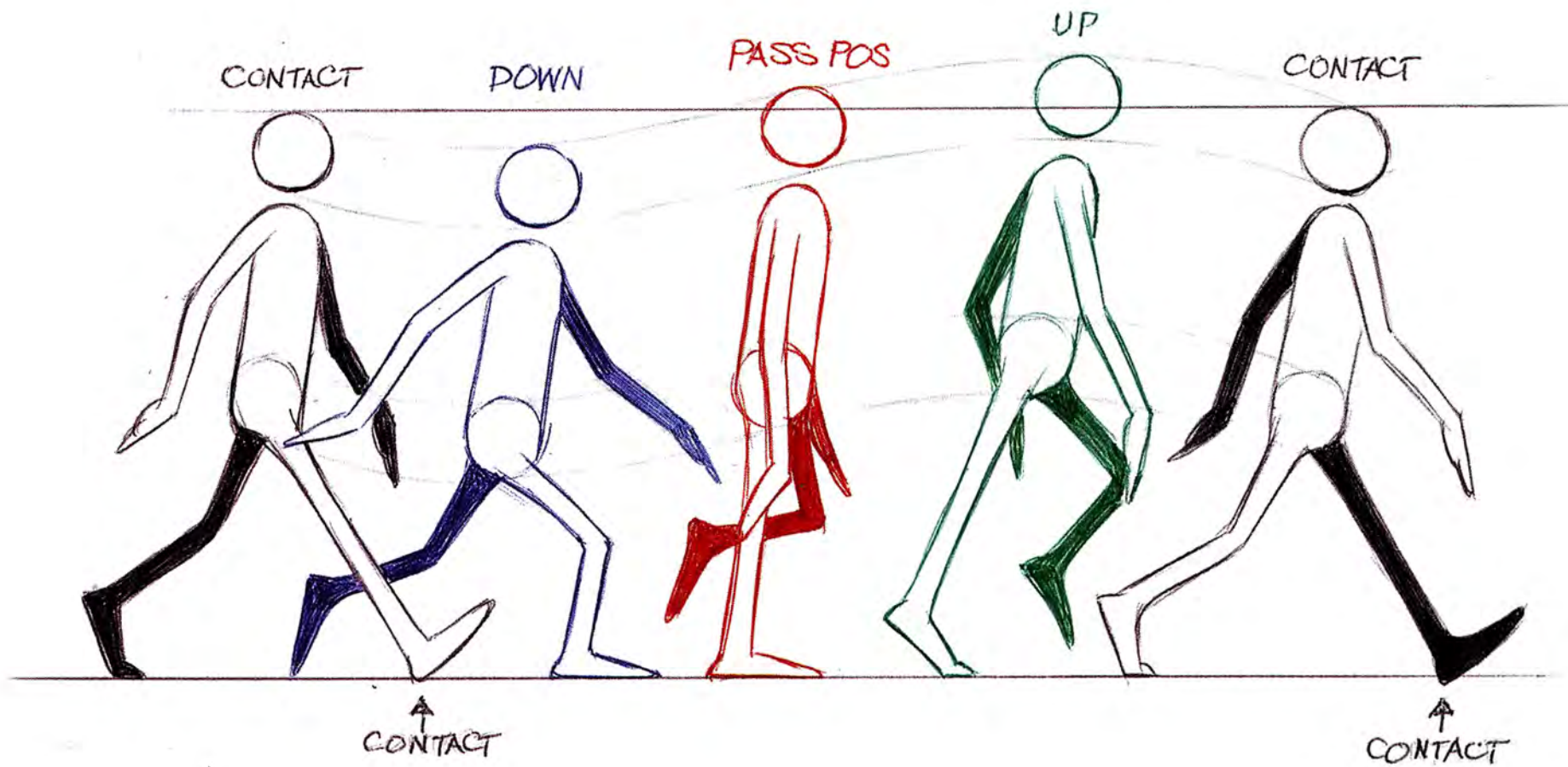
Animation Survival Kit

Richard Williams

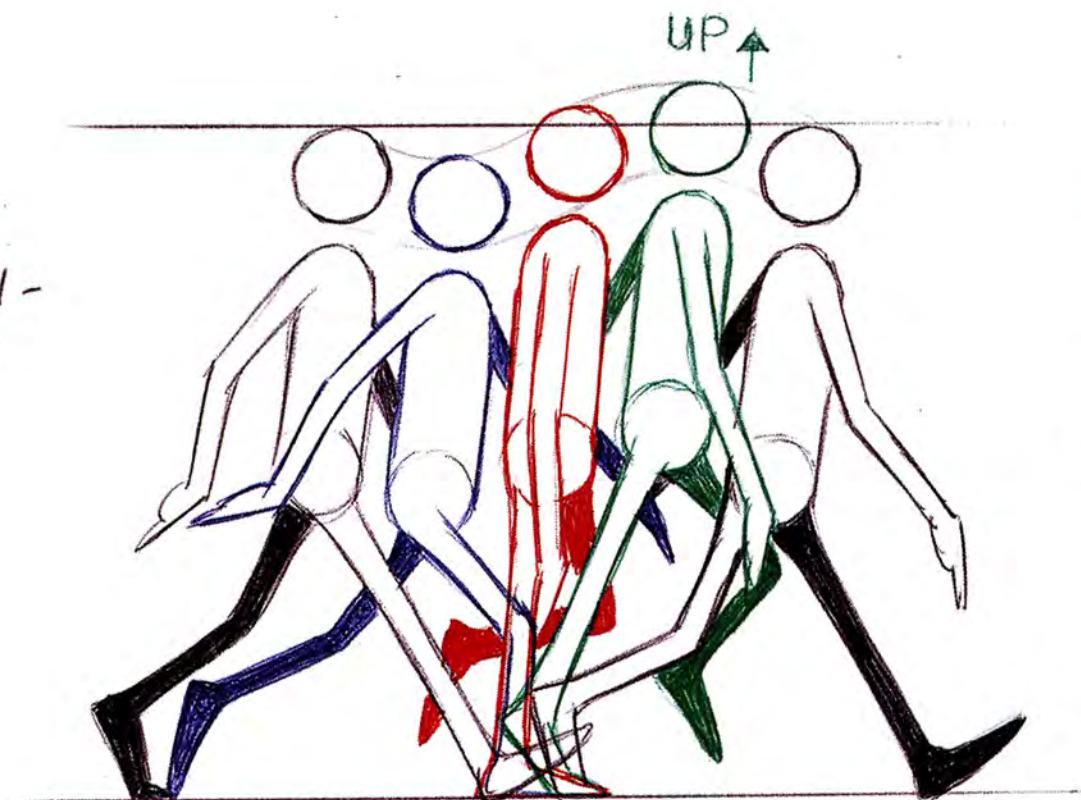


Basic Walk Cycle

4 POSE/8 FRAME WALK CYCLE

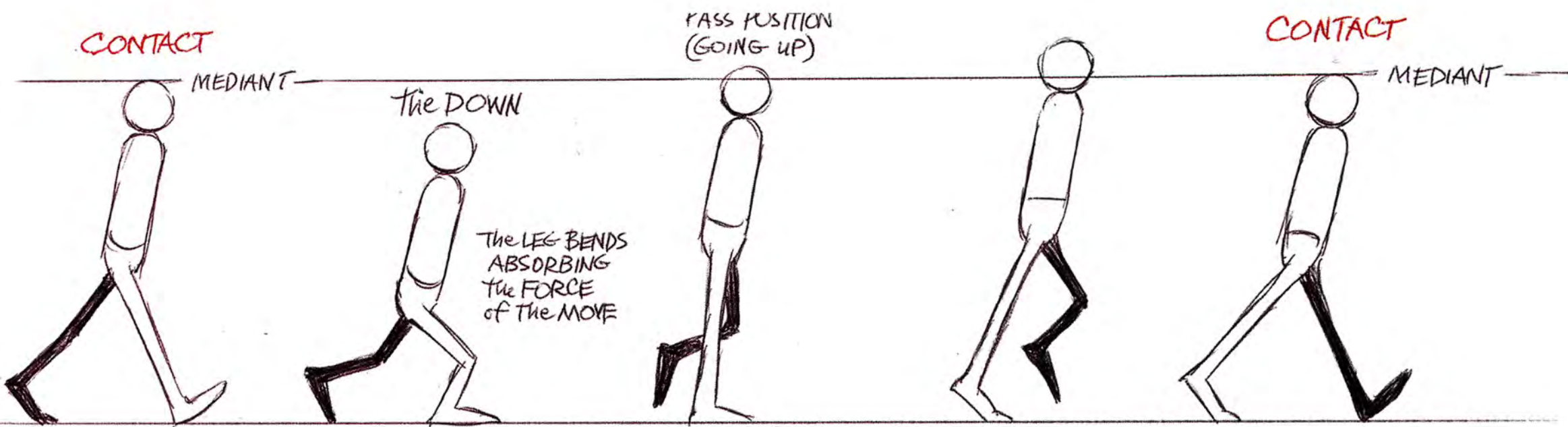
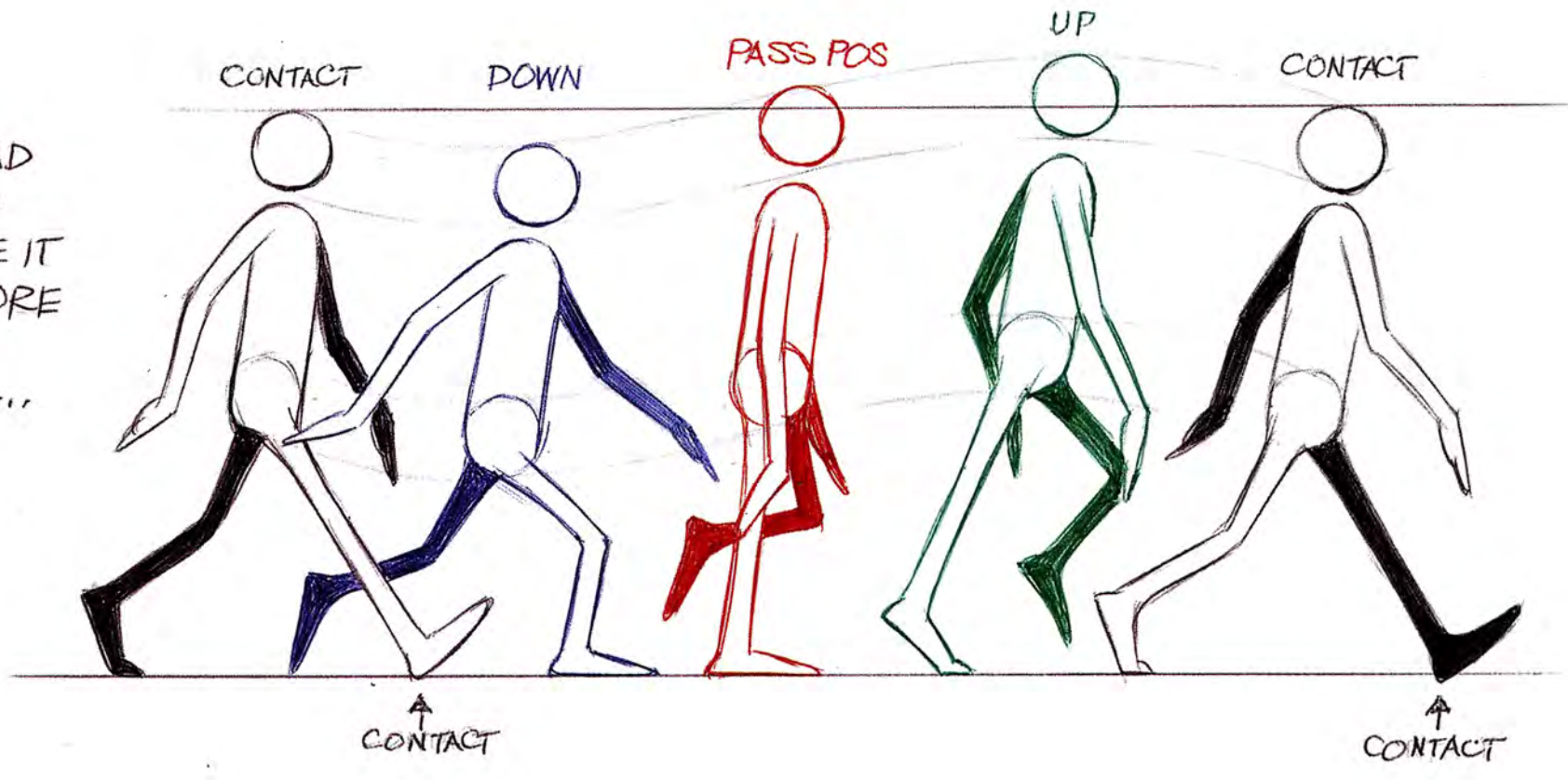


NEXT WE PUT IN
THE UP POSITION -
-THE PUSH-OFF.

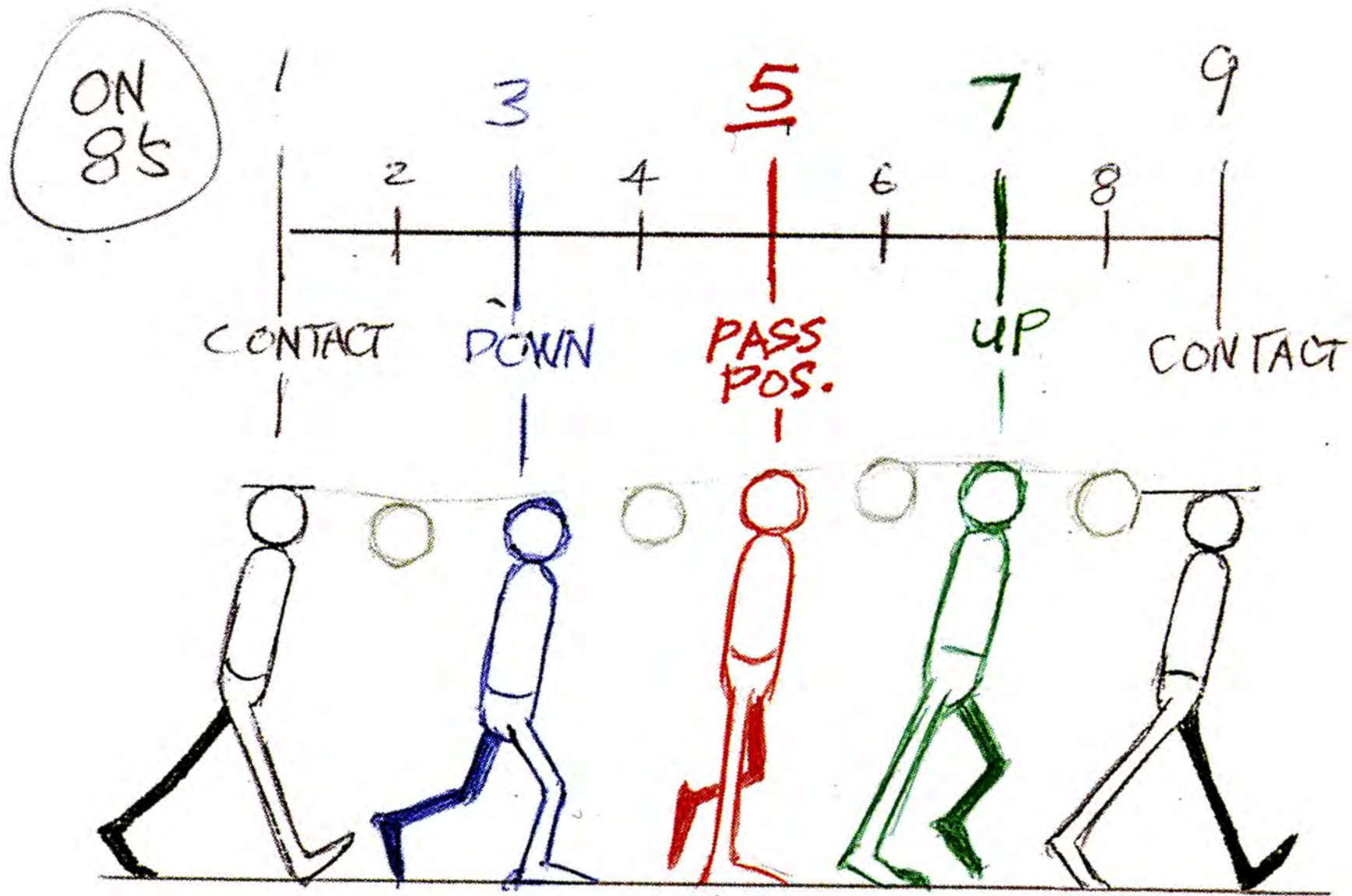


The FOOT PUSHING OFF
LIFTS THE PELVIS,
BODY and HEAD UP
TO ITS HIGHEST POSITION
- THEN THE LEG IS THROWN
OUT TO CATCH US ON
THE CONTACT POSITION
- SO WE DON'T FALL
ON OUR FACE.

LET'S SPREAD
IT OUT AND
EXAGGERATE IT
LITTLE MORE
SO IT'S
CLEARER...



8 Drawings/16 Frames per step on 2's



(REDUCED UP AND DOWN ACTION - SINCE
ITS TAKING PLACE IN A SHORTER TIME)

THIS IS WHY CARTOON WALKS ARE OFTEN ON 8's.
BUMP, BUMP, BUMP, 3 STEPS A SECOND.