

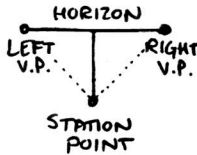
BUILDING A TWO-POINT GRID

A PERSPECTIVE FOLLOW-UP BY MARK SIMMONS



BUILDING A TWO-POINT PERSPECTIVE GRID IS A LITTLE TRICKY. LET'S GO OVER THAT ONE MORE TIME...

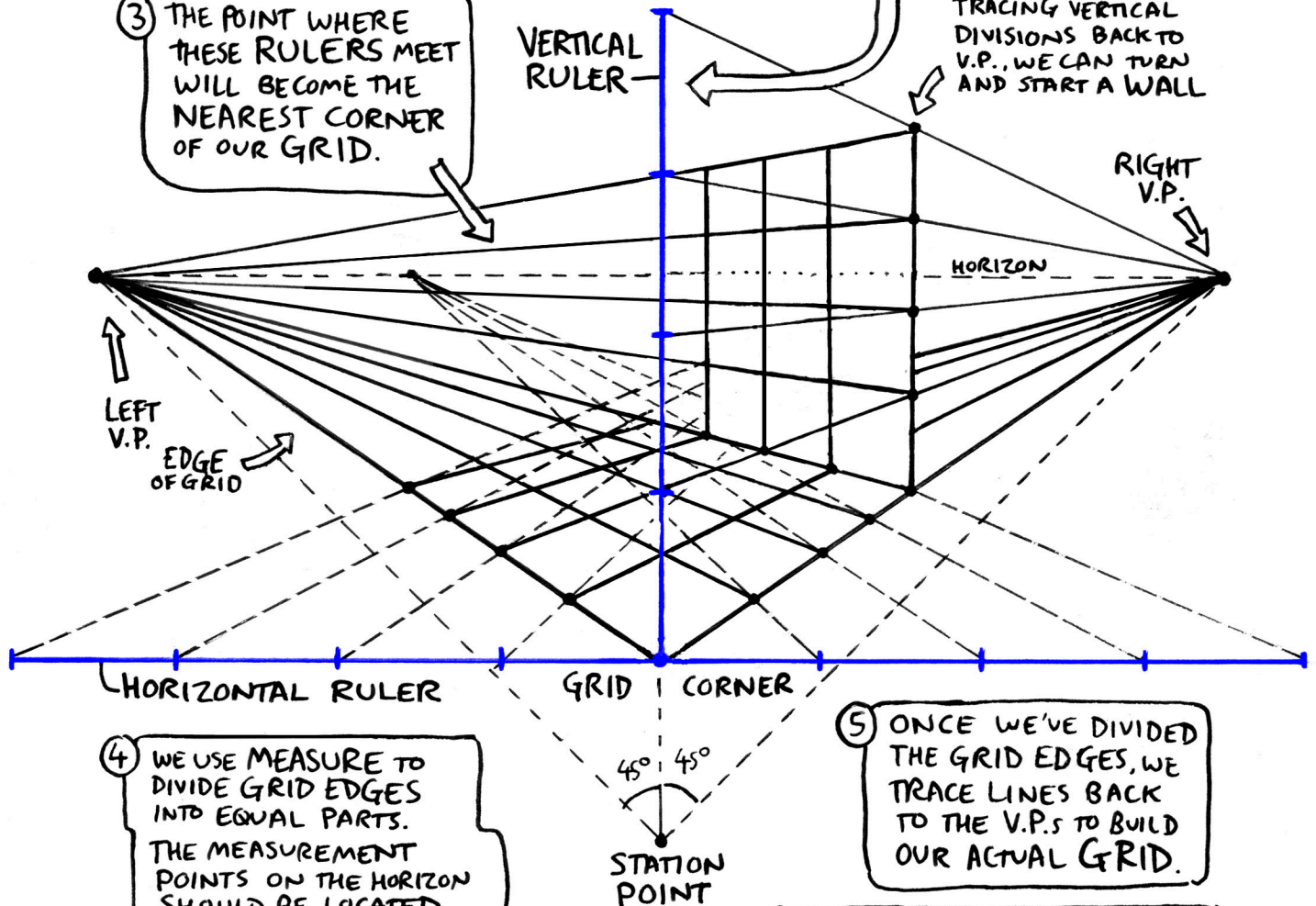
- ① START WITH A BASIC SETUP OF HORIZON, STATION POINT, AND TWO VANISHING POINTS.



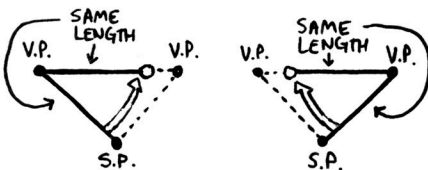
- ② DRAW A HORIZONTAL RULER, CENTERED OVER THE STATION POINT, AND A VERTICAL RULER GOING UP FROM THE HORIZONTAL ONE.

- ③ THE POINT WHERE THESE RULERS MEET WILL BECOME THE NEAREST CORNER OF OUR GRID.

TRACING VERTICAL DIVISIONS BACK TO V.P., WE CAN TURN AND START A WALL



- ④ WE USE MEASURE TO DIVIDE GRID EDGES INTO EQUAL PARTS. THE MEASUREMENT POINTS ON THE HORIZON SHOULD BE LOCATED JUST LIKE THIS...



- ⑤ ONCE WE'VE DIVIDED THE GRID EDGES, WE TRACE LINES BACK TO THE V.P.s TO BUILD OUR ACTUAL GRID.

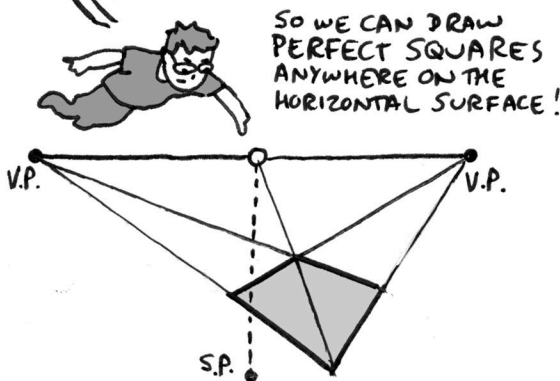
- ⑥ WE CAN TRACE LINES FROM THE VERTICAL RULER WE PLACED AT THE NEAREST CORNER OF THE GRID TO FIND OUR VERTICAL DIVISIONS, DRAW WALLS, ETC.

WHEW! THAT WAS HARD WORK.
LET'S LOOK AT SOME OTHER
ASPECTS OF 2-POINT PERSPECTIVE.

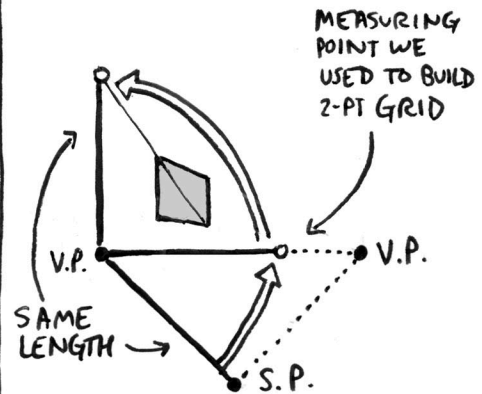
AND REMEMBER, YOU CAN USE
ANY LITTLE PART OF YOUR
GRID AS A BASIS FOR YOUR
ILLUSTRATION!



IF WE PUT OUR VANISHING POINTS
THE SAME DISTANCE TO EITHER
SIDE OF THE STATION POINT,
THEN OUR CENTER OF VISION -
THE POINT ON THE HORIZON
RIGHT OVER THE STATION POINT -
DOUBLES AS A DIAGONAL VANISHING PT.



DIAGONAL VANISHING POINTS
FOR THE VERTICAL SURFACES
ARE LOCATED ABOVE THE V.P.'S,
AT THE SAME DISTANCE AS
THE V.P. TO THE STATION POINT.



AND IF AN OBJECT ISN'T ALIGNED WITH OUR GRID, WE
CAN CREATE ADDITIONAL PAIRS OF VANISHING POINTS BY
ROTATING THEM AROUND OUR STATION POINT.

