

and vertically beneath each intersection will be found the quantities of sand, stone and cement respectively. An example is given in the diagram to show how the quantities of concrete ingredients for a proportion of 1:2:4 are found.

downward until the line crosses the sloping line giving the number for stone, and afterwards move to the right, intersecting the given sand volumes in series C and D and also the curve E,

cement, sand and stone are specified all that is necessary is to start on scale A with the given number for sand, trace that line to the left as far as the diagonal line X-X, then move vertically

DIAGRAM FOR OBTAINING QUANTITIES OF MATERIALS REQUIRED PER CUBIC YARD OF CONCRETE.
Based on Barrel of Cement of 3.8 cubic feet, and 45 percent voids in broken stone and gravel. (average.)

