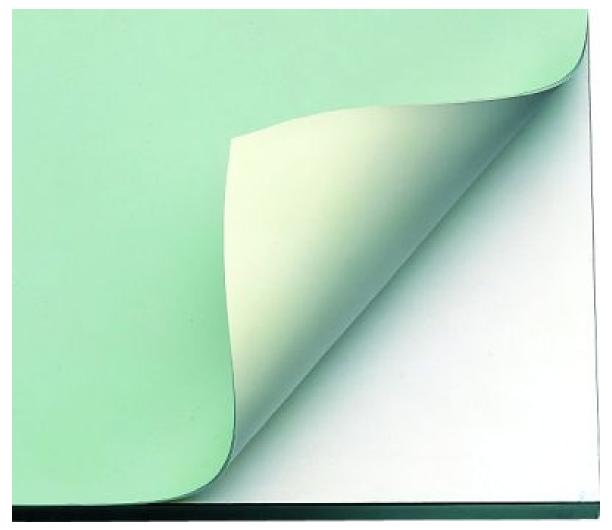
2D Drawing and Orthographic Projection



TOOLS

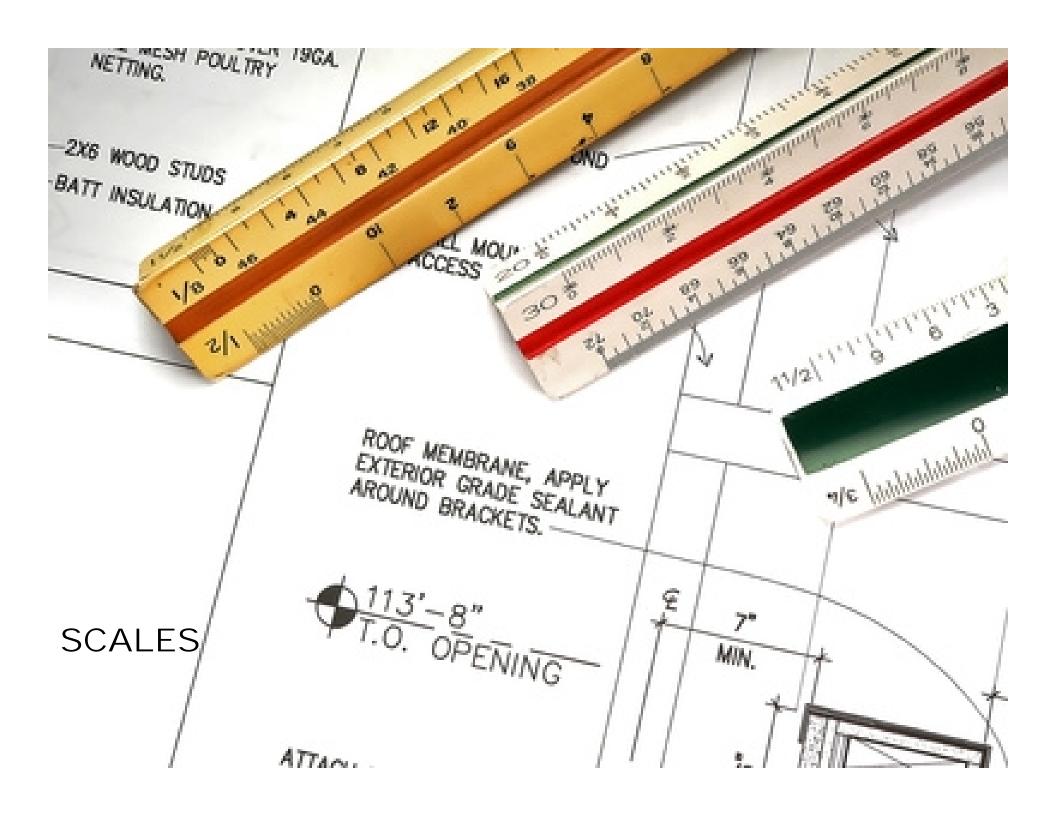
KEEP IT CLEAN! DON'T CUT ON IT!

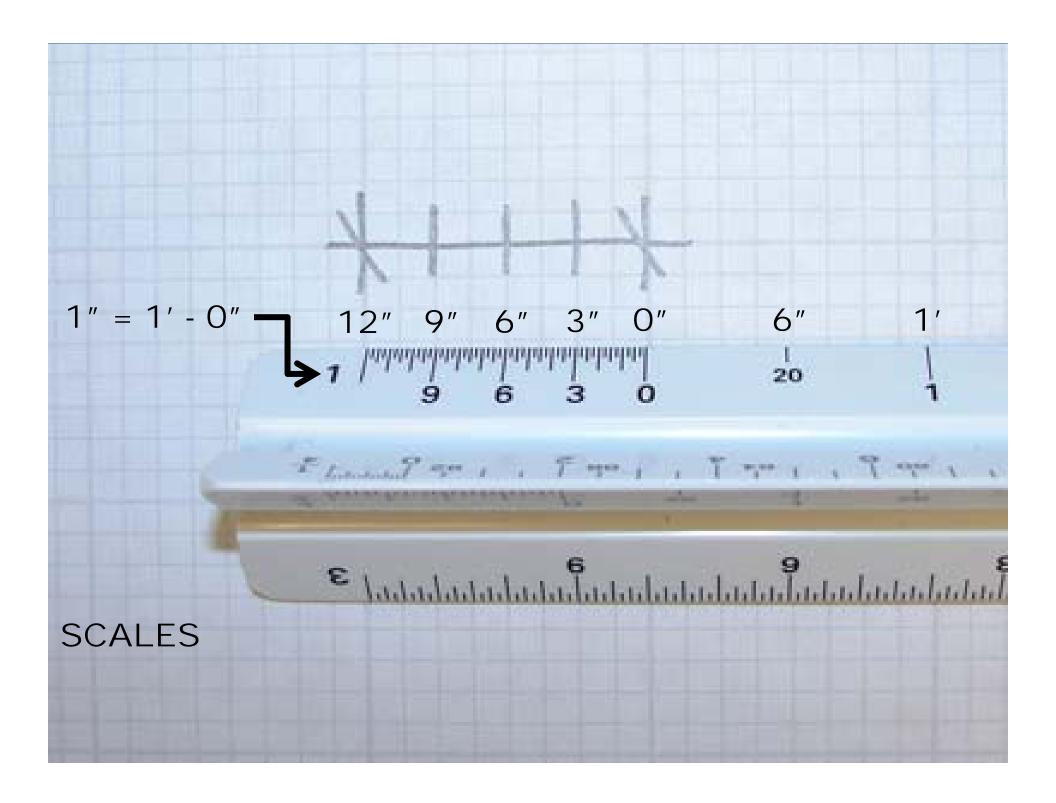


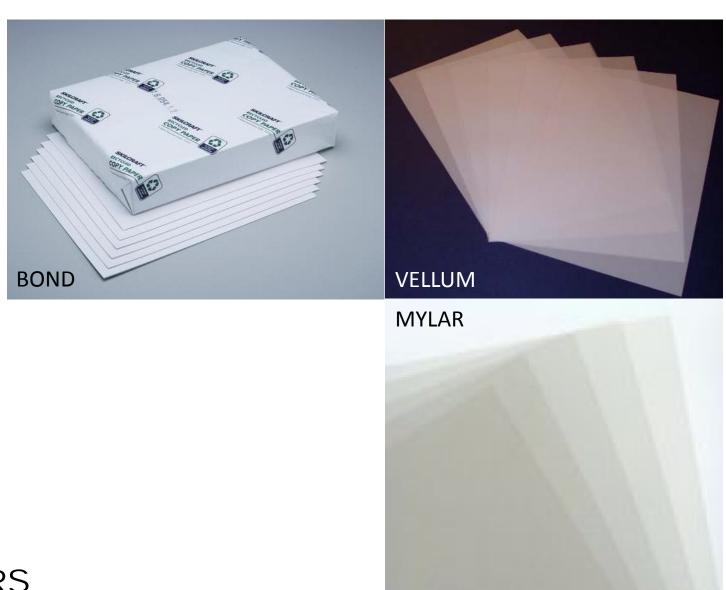
BORCO: VINYL COVERING



TOOLS







PAPERS

WC ART & DRAFTING SUPPLY CO 351 JAY ST, BROOKLYN, NY 11201 (718) 855-8078

LEE'S ARTSHOP 220 WEST 57TH ST. NEW YORK, NY 10019 (212) 247-0110

PEARL PAINT 308 CANAL STREET NEW YORK, NY (212) 431-7932

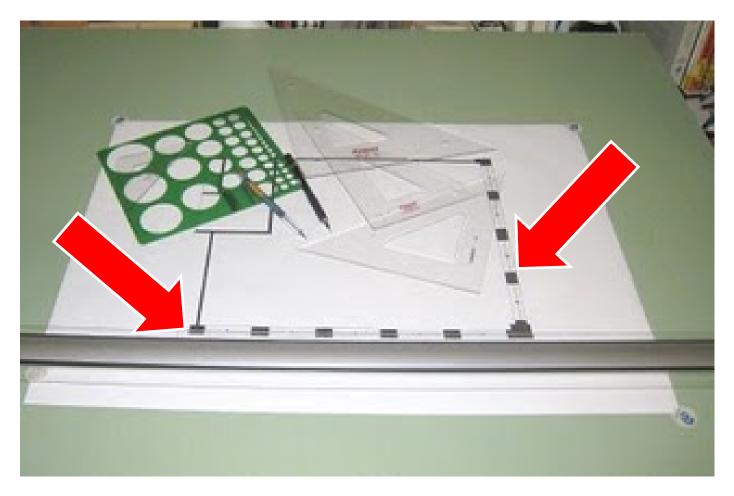
DICK BLICK 1-5 BOND STREET NEW YORK, NY 10012 (212) 533-2444

SUPPLIES

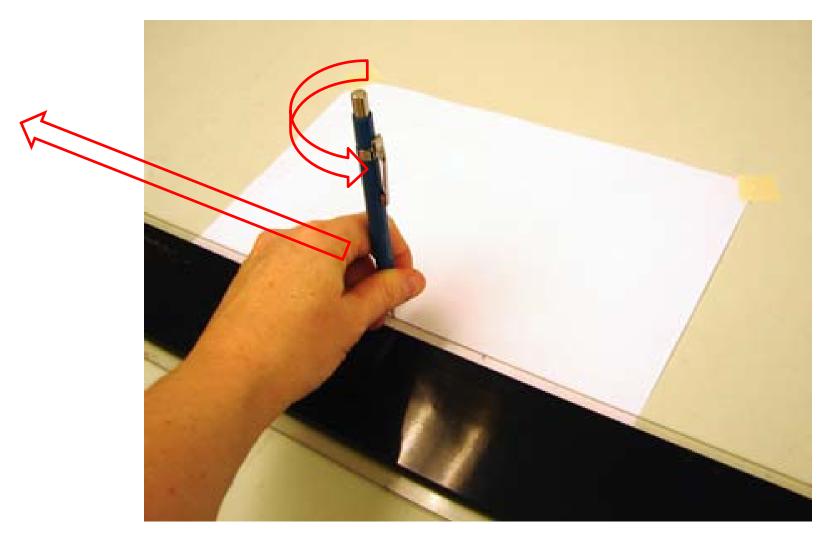


KEEP YOUR HANDS CLEAN

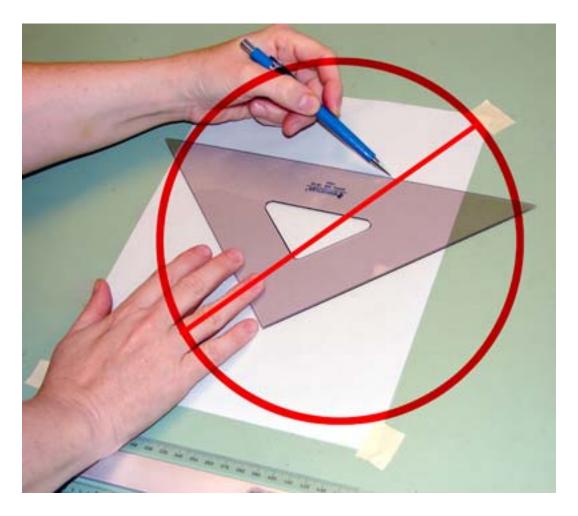
USE DRAFTING TAPE TO SECURE DRAWING TO BOARD



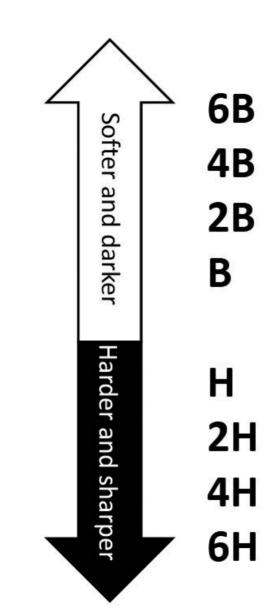
USE CONSTRUCTION LINES TO LOCATE PAPER AGAINST PARALLEL BAR AND TRIANGLE (VERTICAL + HORIZONTAL)



TWIRL YOUR PENCIL TO MAKE CONSISTENT LINES!

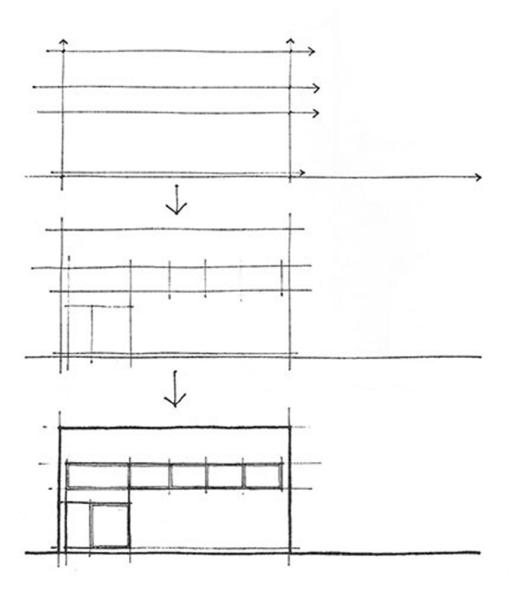


ALWAYS USE YOUR PARALLEL BAR TO MAKE YOUR VERTICAL AND HORIZONTAL LINES



LEADS

RECOMMENDED LEAD WEIGHTS: 4H	 hard and dense for accurate layouts not for finished drawings do not use with a heavy hand; grooves drawing paper and may not erase easily doesn't print well
2Н	 medium-hard hardest grade feasible for finished drawings doesn't erase easily if used heavily
F and H	 medium excellent general-purpose lead weight for layouts, finished drawings, and lettering
HB	 soft for dense, bold linework and lettering requires control for fine linework erases easily prints well tends to smear easily



The order in which you should lay out a drawing is:

- Lightly block out the major horizontal and vertical lines;
- 2. Fill in the secondary lines; and
- Heavy up the final lines, keeping in mind the proper line weight of each line (see also pages 20–21).

Do not scrub your lines in; strive for single-stroke lines.

