

WELCOME

CE 100
CIVIL ENGINEERING DRAWING

CE 100: CIVIL ENGINEERING DRAWING



INTRODUCTION TO CIVIL ENGINEERING DRAWING

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COURSE OUTLINE & DURATION (TENTATIVE)

Course Outline & Duration (Tentative):	
Introduction to Civil Engineering Drawing	1 week
Plane Geometry – Pentagon, Hexagon, Octagon, Ellipse, Parabola, Hyperbola	1 week
Interpretation of Solids	1 week
Section and True Shape – Cube, Pyramid, Cone, Prism	1 week
Projection (Solid Geometry)	2 weeks
Development – Cube, Pyramid, Cone, Prism	1 week
Quiz – 1	
Isometric Drawing	2 weeks
Oblique Drawing	1 week
Plan, Elevation and Section of One Storied Buildings	4 weeks
Quiz – 2	

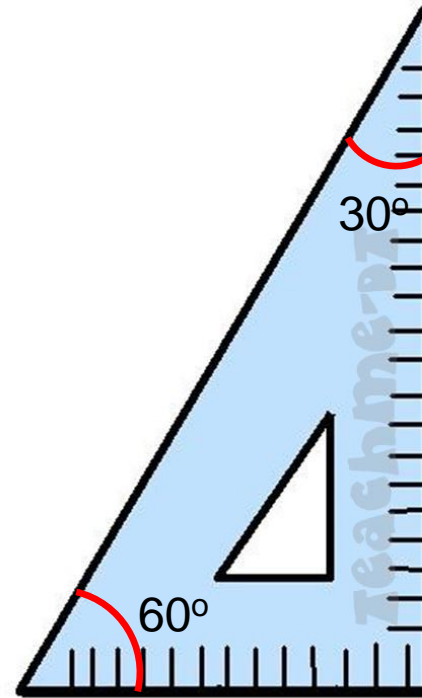
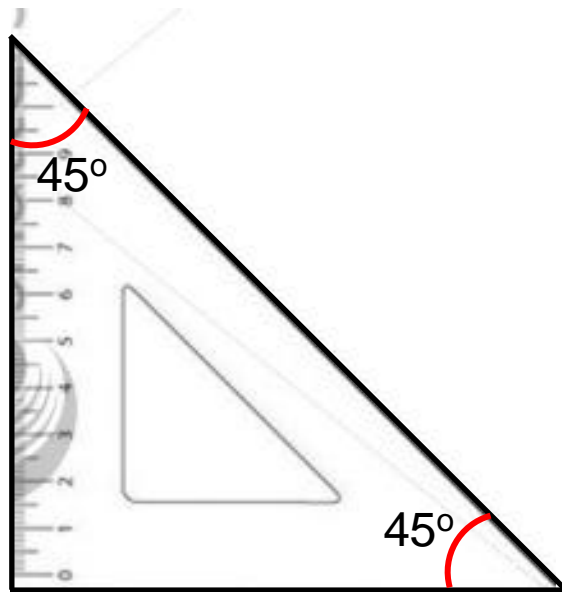
MAIN DRAWING EQUIPMENTS

- ☐ Lead Pencils (2B and HB)
- ☐ Set squares (30° – 60° drawing triangle and 45° drawing triangle)
- ☐ Compass, Dividers and card board scale
- ☐ T square (i.e. “T” shape scale, 32" standard available in Bangladesh)
- ☐ Scale
- ☐ Drawing Paper (28" × 22")
- ☐ French Curve
- ☐ Scotch Tape

LEAD PENCIL



SET SQUARE



COMPASS



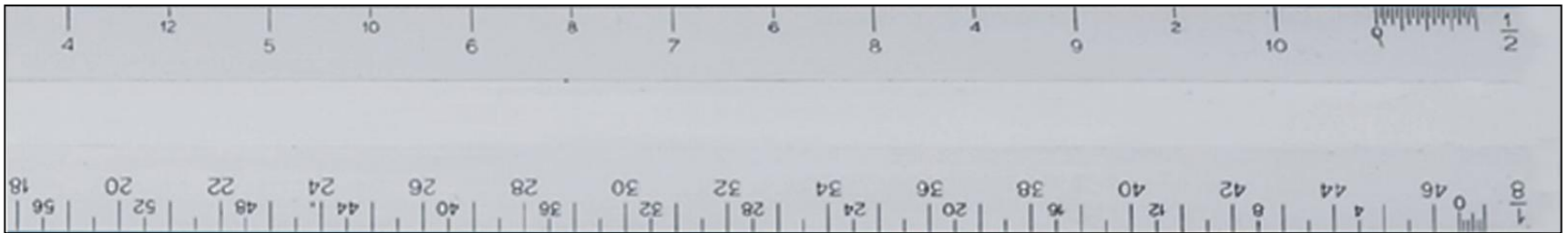
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DIVIDERS



CARDBOARD SCALE



T SCALE



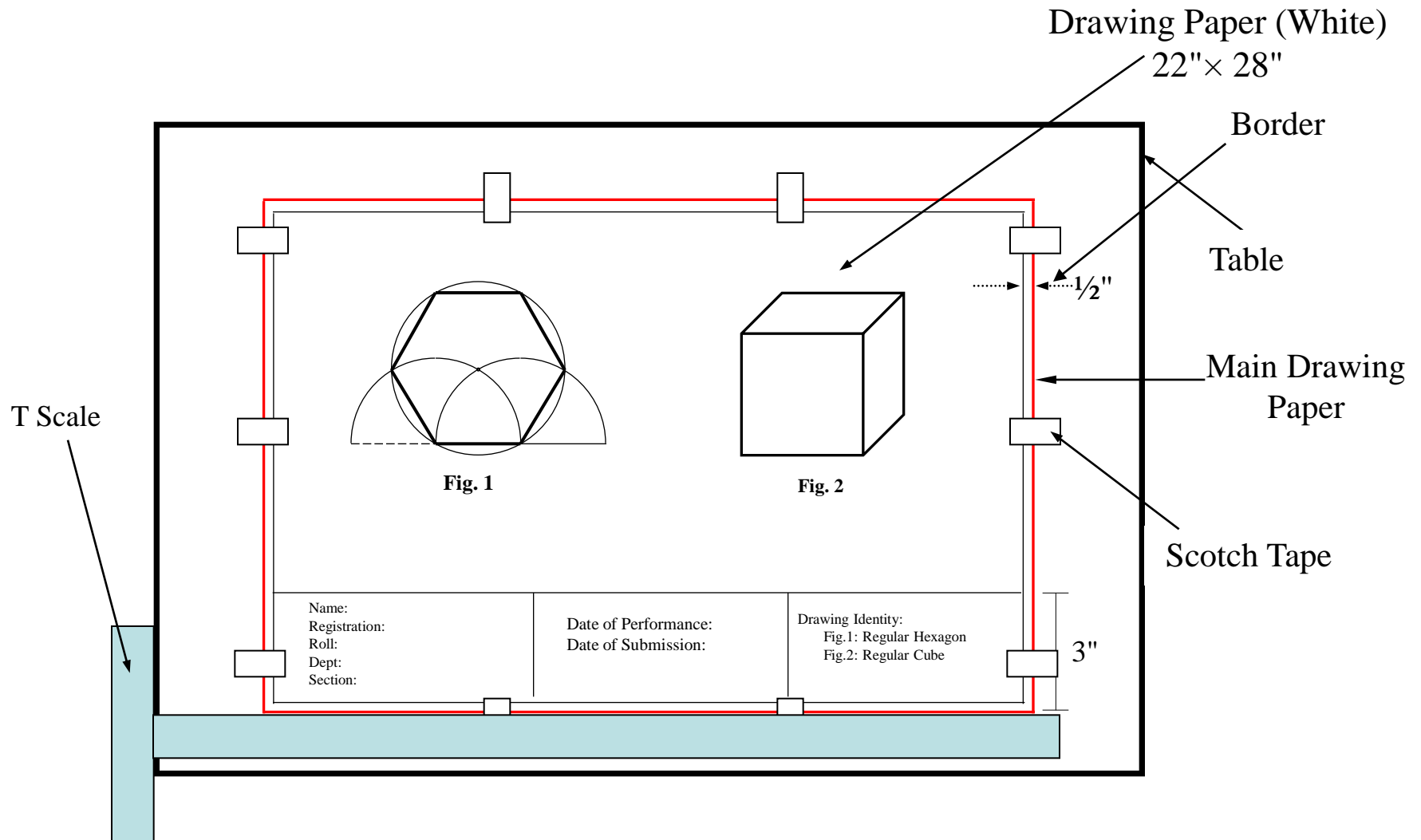
FRENCH CURVE



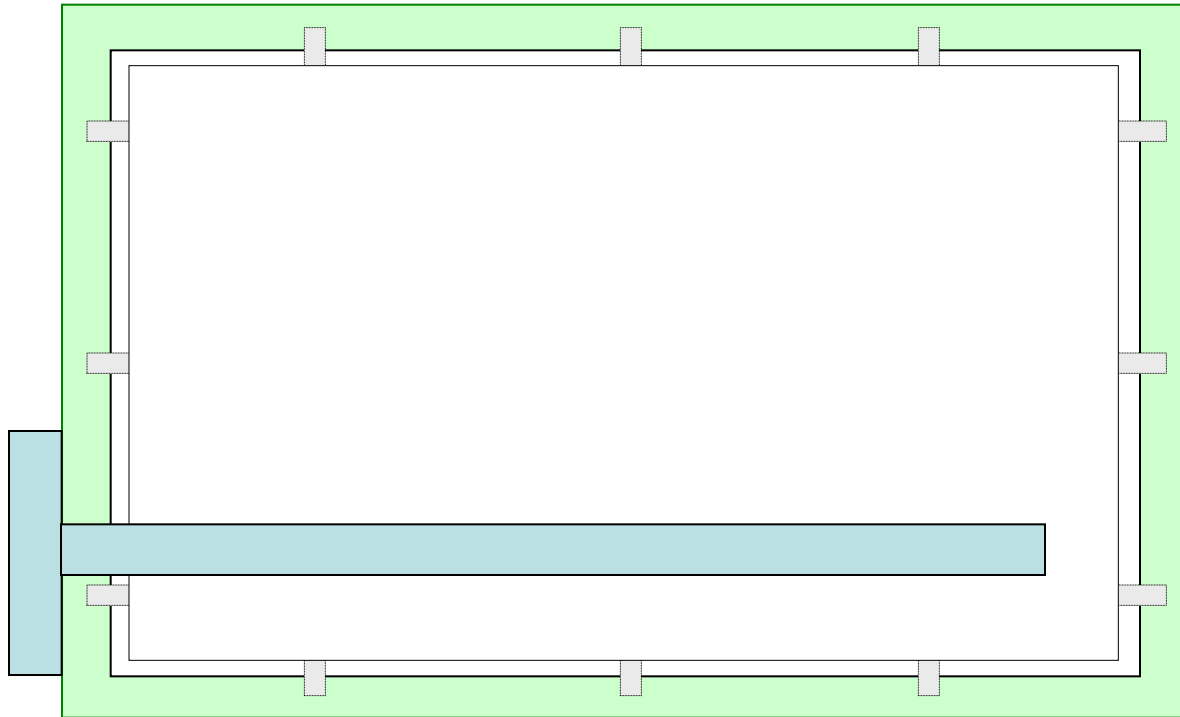
SCOTCH TAPE

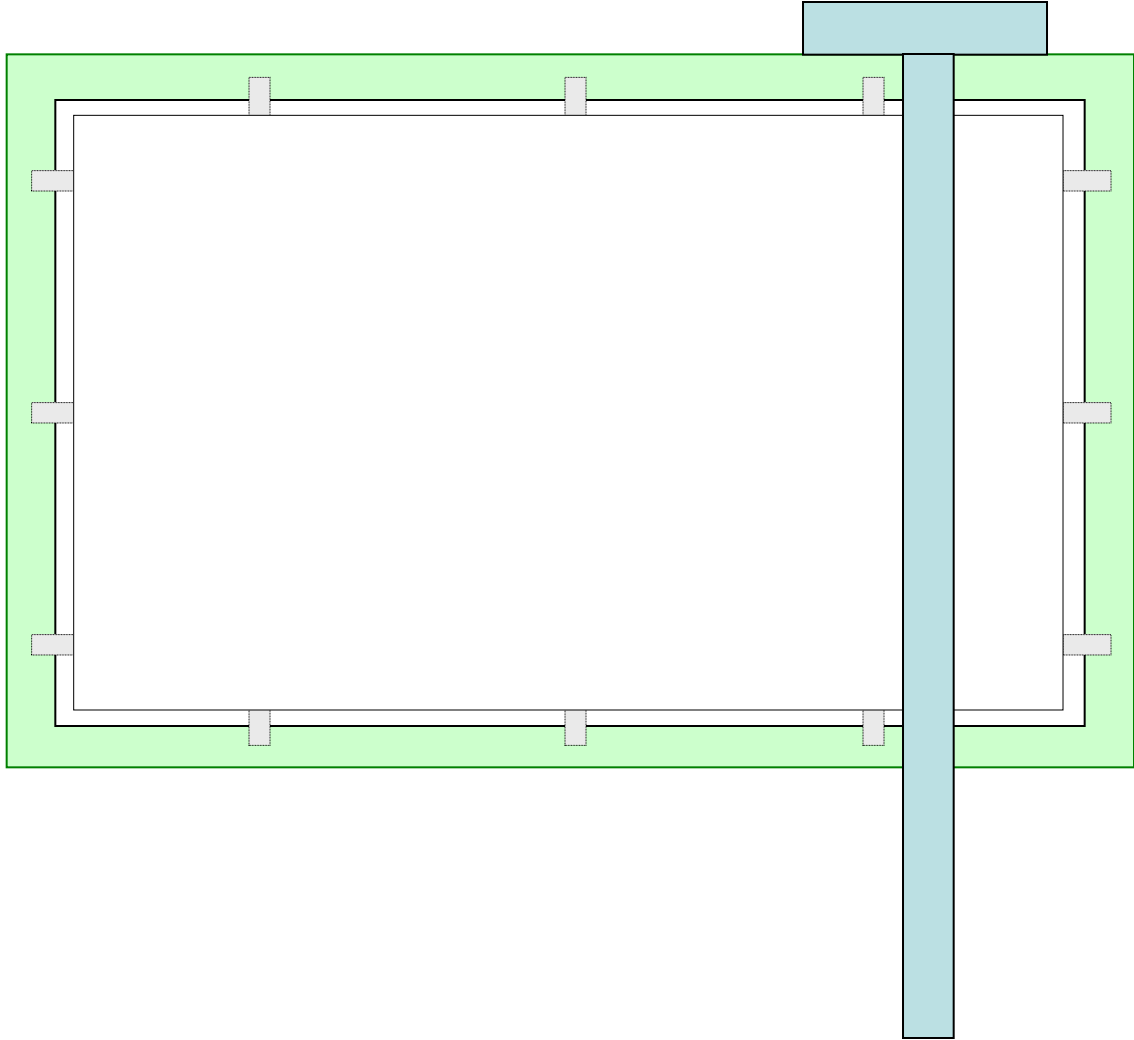


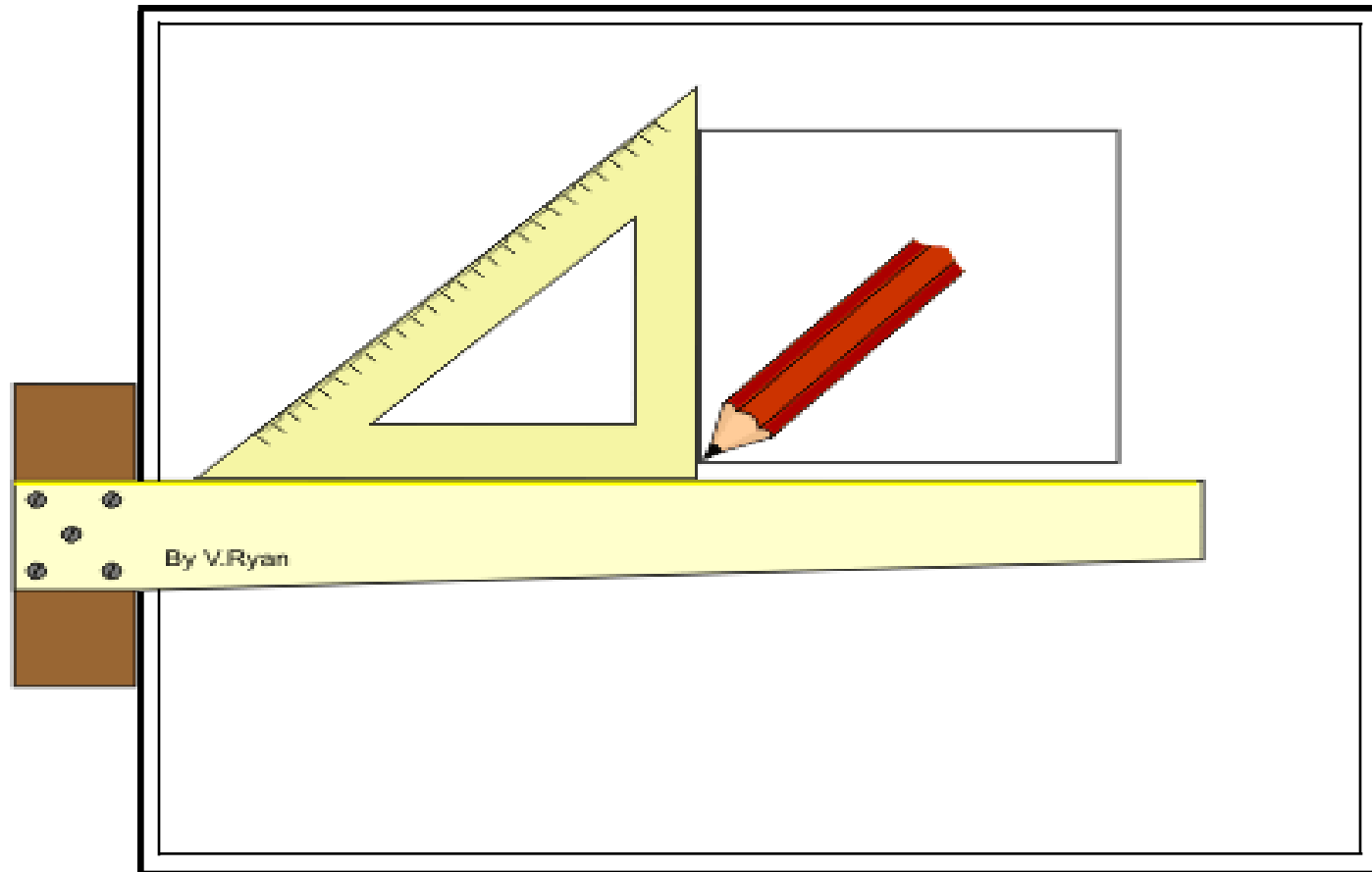
PREPRATION OF DRAWING PAPER



Uses of T Scale in Drawing







REMEMBER !!!

15 minutes will be provided to
prepare the Drawing Paper on the
Drawing Table.

After 15 minutes class will be started

Thank You

