SHEET LAYOUT AND TITLE BLOCK

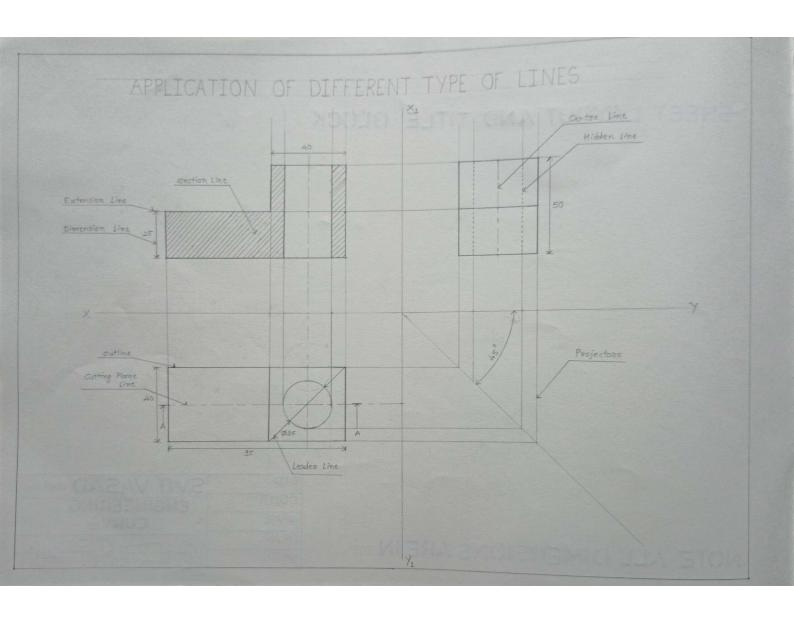
NOTE: ALL DIMENSIONS ARE IN mm

STD S.V.IT. V/AS/AI) 388306
COMP
NAME
ENGINEERING
CURVS
EN.NO.
BATCH

ST. NO.

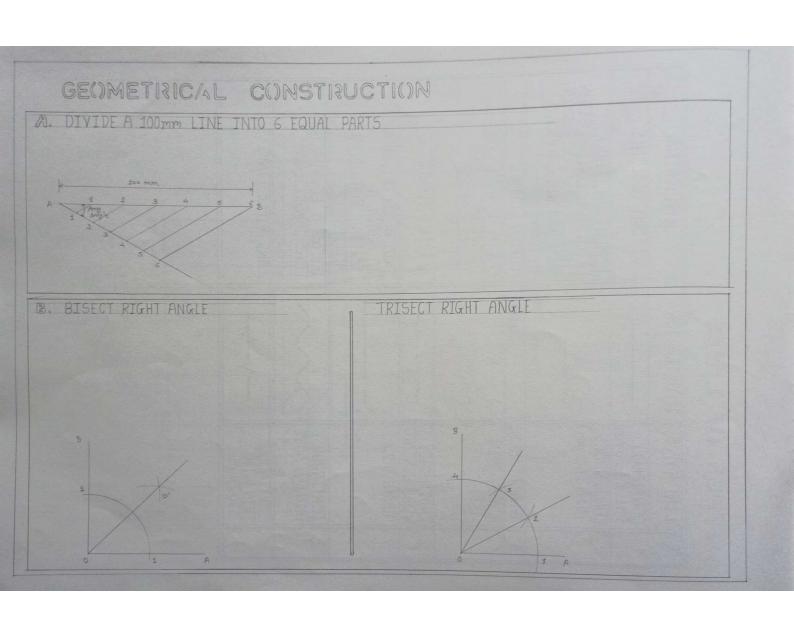
BATCH

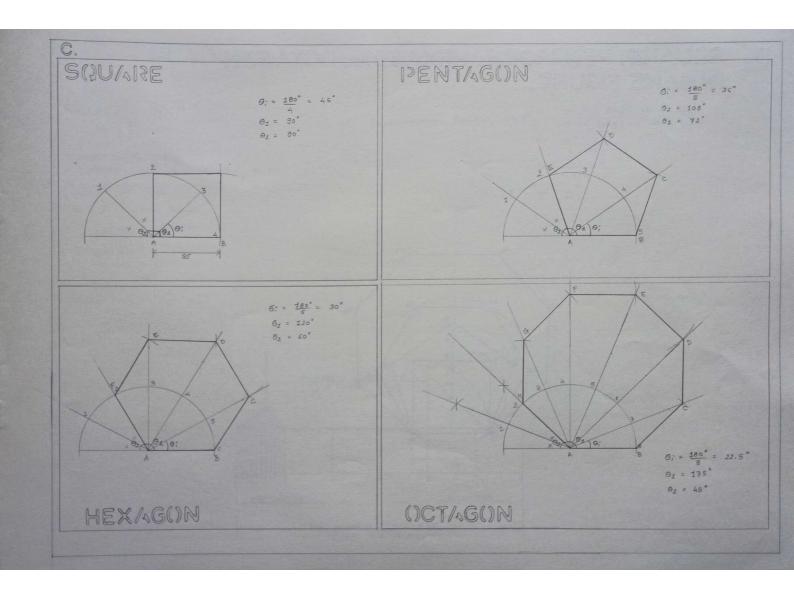
ST. NO.

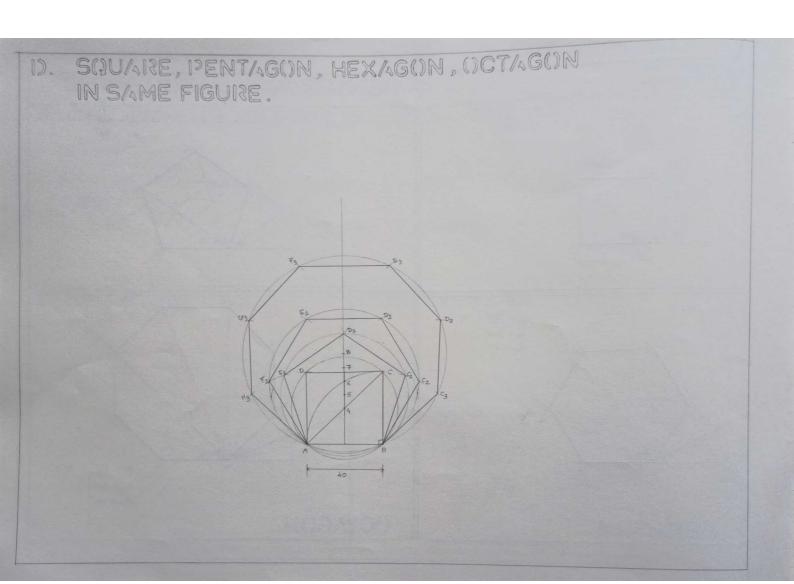


TYPES OF LINES

SR NO.	LINE TYPES	ILLUSTRATION	APPLICATION
1	CONTINUOUS THICK (0.5 mm)		VISIBLE OUTLINES
2	CONTINUOUS THIN (0.2 mm)		DIMENSION, LEADER, EXTENSION, CONSTRUCTION LINES, OUTLINES OF ADJACENT PARTS, HATCHING, REVOLVED SECTIONS
3	DASHED LINES		HIDDEN LINES
4	CHAIN THIN		CENTRE LINES, LINES SYMMETRY, LOCUS LINES, PITCH CIRCLES
5	CHAIN THIN WITH THICK ENDS		CUTTING PLANES
6	CHAIN THICK		INDICATION OF SURFACE TO WHICH A SPECIAL REQUIREMENT APPLIES
7	CONTINUOUS THIN FREE HAND		IRREGULAR BOUNDARY LINES, SHORT BREAK LINES
8	CONTINUOUS THIN WITH ZIGZAGS		LONG BREAK LINES







12L/AIN SC/ALE /AND DI/AGON/ALSC/ALE

GIVEN DATA:

1 km = 10 km

25 mm = 1 km
max. length = 6 km
measured length = 3 km and 4 km

Length Of Scale (L.O.S.)

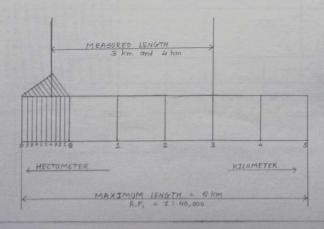
= R.F. x max length

= 1 × 600,000 mm

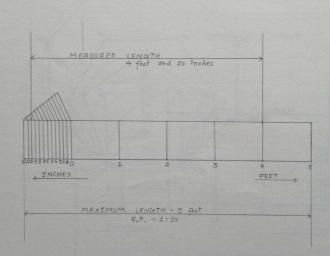
= 150 mm

= 15 cm

Representative Fraction (R.F.) = drawing length of an object actual length of some object = 25 mm 1 km = 25 mm 1000000 mm $R.F. = \frac{1}{40,000}$



Representative Fraction (R.F.) = 1:10 length of scale (1.0.5.) = R.F. \times mass. length 1 feet = 12 mohes = $\frac{4}{10} \times 5 \times 12$ inches measured length = 4 feet and 10 inches 1.0.5. = 6 inches



3

GIVEN DATA:

getual length of object = 330 m.

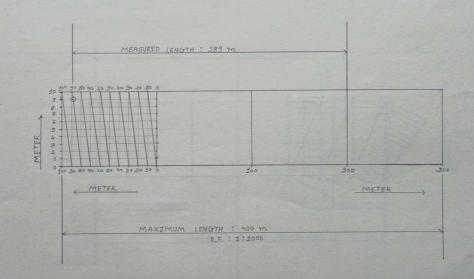
drawing length of object = 16.5 cm max. length = 400 m.

measured length = 289 m.

Length Of Scale (1.0.5.) = R.F. \times max length = $\frac{1}{2000} \times 40000$ cm.

1.0.5. = 20 cm.

Representative Fraction (R.F.) = $\frac{d m coing}{d c tu d}$ length = $\frac{16.5 \text{ cm}}{330 \times 100 \text{ cm}}$ R.F. = $\frac{1}{2000}$



4

GIVEN DATA:

Representative Fraction (R.F.) = 1:18

1 yord = 3 feet

1 feet = 12 inches

max. length = 3 yards

measured length = 2 yards 1 feet 9 inches

Length of Scale (1.0.5.) = R.F. \times max length $= \frac{1}{188} \times 3 \times 3 \times 10^{2}$ 1.0.5. = 6 inches

