PROGRAM	:	NATIONAL DIPLOMA *TOWN AND REGIONAL PLANNING*
SUBJECT	:	**DRAWING I**
CODE	:	**CDR1112**
DATE	:	SUPPLEMENTARY EXAMINATION 2014 14 JULY 2014
DURATION	:	(SESSION 1) 08:00 – 11:00
WEIGHT	:	50:50
TOTAL MARKS	:	100
EXAMINER	:	MR Z MBINZA
MODERATOR	:	MR E MAKONI
NUMBER OF PAGES	:	3 (THREE) PAGES

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REQUIREMENTS:
1. THE USE OF COLOR PENCILS TO ENHANCE CONCEPT DRAWINGS
2. TO BE USED BY STUDENT:
   - SCALE RULER
   - COLOUR PENCILS
   - KOKI PENS
   - CALCULATOR
3. DRAWINGS AS PREPARED TO BE ATTACHED TO QUESTION PAPER.

INSTRUCTIONS TO CANDIDATES:

1. PLEASE ANSWER ALL QUESTIONS
2. YOU MUST SHOW COMPETENCY IN DRAFTING, VISUAL AWARENESS, ACCURACY, LAYOUT AND SCALE.
3. PREPARE YOUR A3 SHEETS APPROPRIATELY WITH YOUR SURNAME AND STUDENT NUMBER ON THE FIRST PAGE.

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QUESTION 1

Redraw the following object **isometrically** using the given measurements:
   a) Using **Scale 1: 1**
   b) Show all **construction lines**
   c) The **diameter of the circle** is 10mm, located in the center of the view.
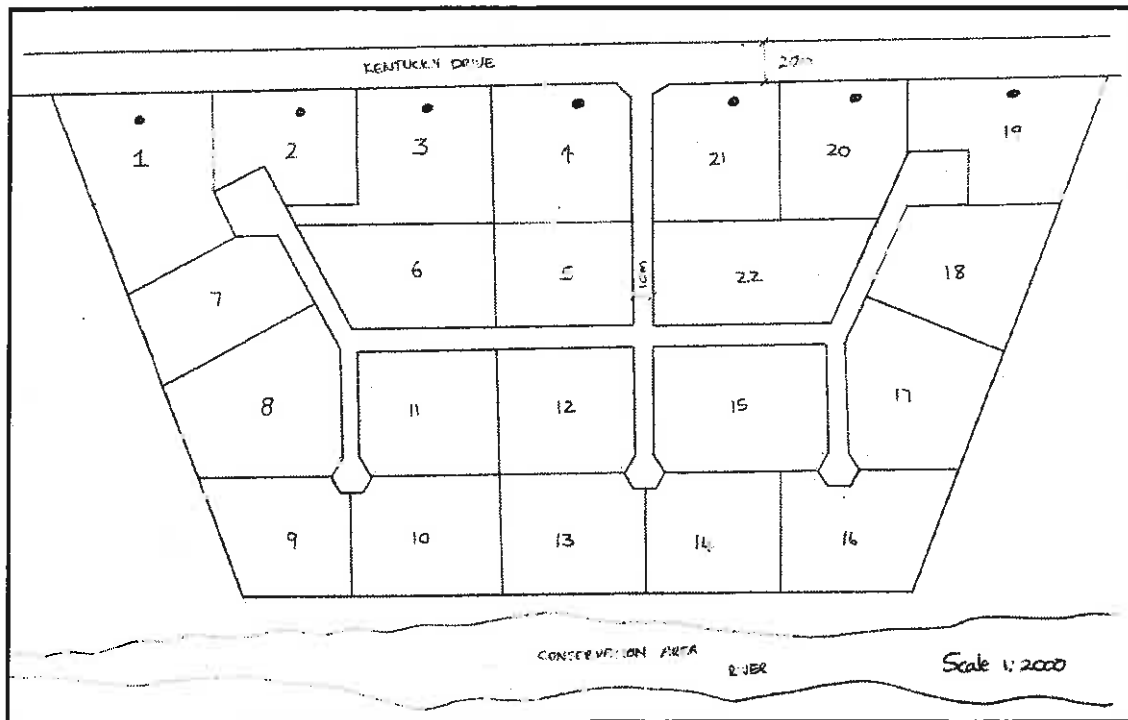   d) Include some **dimensions** of the object.
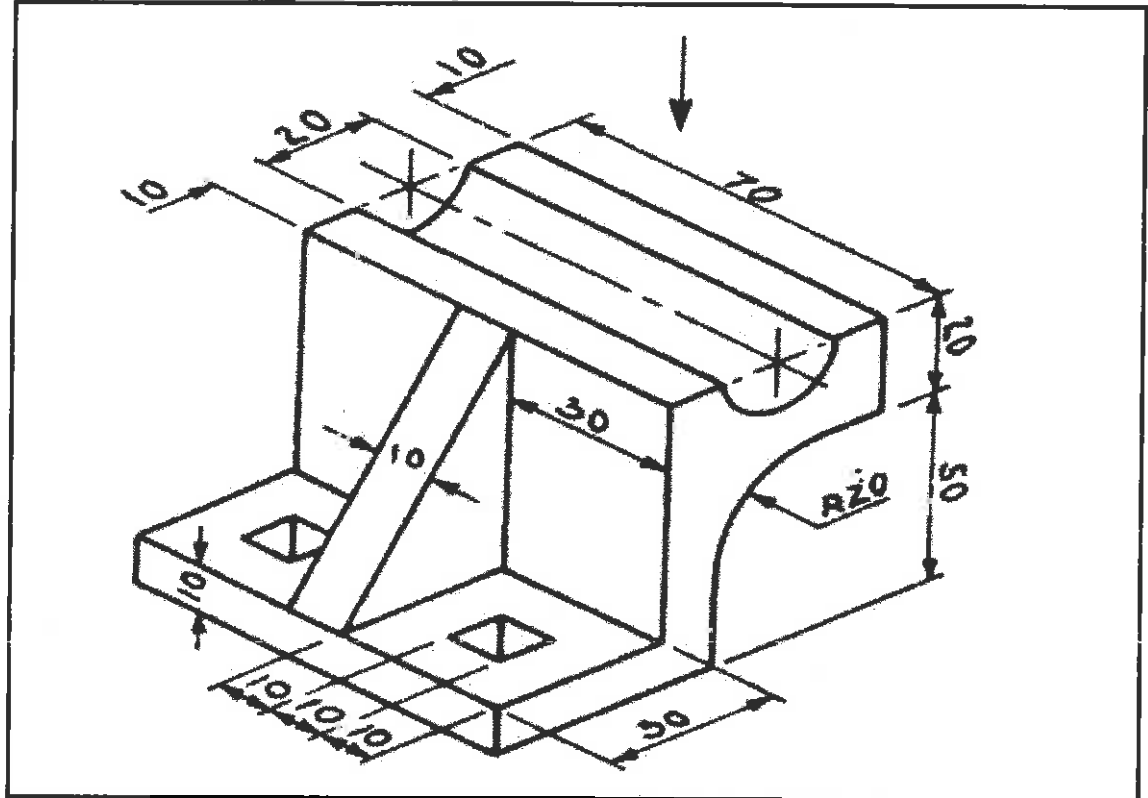
[20]

QUESTION 2
Provide the three sides (Top, Front and Side view) of the object in Question 1

[10]

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QUESTION 3

Redraw the above **Development Layout** , to comply with the following information:
3.1 From **Scale 1: 1 000 to new Scale 1: 500**
3.2 Erf 8 is zoned Commercial, Erf 15, 11, 3 & 18 are zoned Business, Erf 16 & 17 are zoned Residential 3, the remaining erven are zoned Residential 1.
3.3 Provide an appropriate Legend.

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QUESTION 4

Draw an axonometric sketch along the street occupied by Erf 11, 12 and 15 with the following information:
4.1 Erf 11 has a two-storey building at 20m x 15m, Erf 12 has a dwelling house at 10m x 15m and Erf 15 has a building at 20m x 10m.
4.2 The sketch should be at a scale of 1:400

[20]

TOTAL = [100]