

S.No. : 114

AR 1605

No. of Printed Pages : 03

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 10136

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B. Arch. Examination 2021-22

(Even Semester)

WORKING DRAWING

Time : Three Hours]

[Maximum Marks : 60

Note :- (i) Be precise in your answer/drawings.

(ii) All the drawings and details should be properly drafted and dimensioned in (mm.)

(iii) Assume any missing data/text wherever not provided.

(iv) All the dimensions are in (mm).

SECTION - A

1. Attempt all parts of the following :

8×1=8

(a) Explain different types of dimensions used during working drawing.

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- (b) What is working drawing?
- (c) What is the difference between key plan and terrace plan?
- (d) What is the basic purpose of center-line plan in working drawing?
- (e) What is French plan/excavation drawing?
- (f) What is floor trap?
- (g) What is the purpose of tie-beam plan in working drawing?
- (h) What is cistem?

SECTION – B

2. Attempt any three parts of the following : $4 \times 3 = 12$

- (a) Draw the toilet detail of size (1800×2400) .
- (b) Detail out electric conduit plan of terrace size (3000×4500) .
- (c) Draw the plumbing layout plan of plot (residency) (9000×18000) .
- (d) Draw the kitchen detail of size (3000×3600) .

SECTION – C

Note :- Attempt any two questions.

2×20=40

3. Detail out the complete set of working drawing of floor plans (ground, first & terrace plan) of the residence of size (12000 × 15000).
4. Draw the parapet / railing detail of roof size (8000 × 12000) with all the necessary fixing detail and specifications.
5. Draw the staircase detail of the above mentioned residence plan (12000 × 15000) with railing and fixing details.
