

Reda

Manoura University  
Building & Construction Engineering Program  
2nd Semester 2013/2014  
Course Title: Civil Engineering Drawing  
Course Code: NIRE1



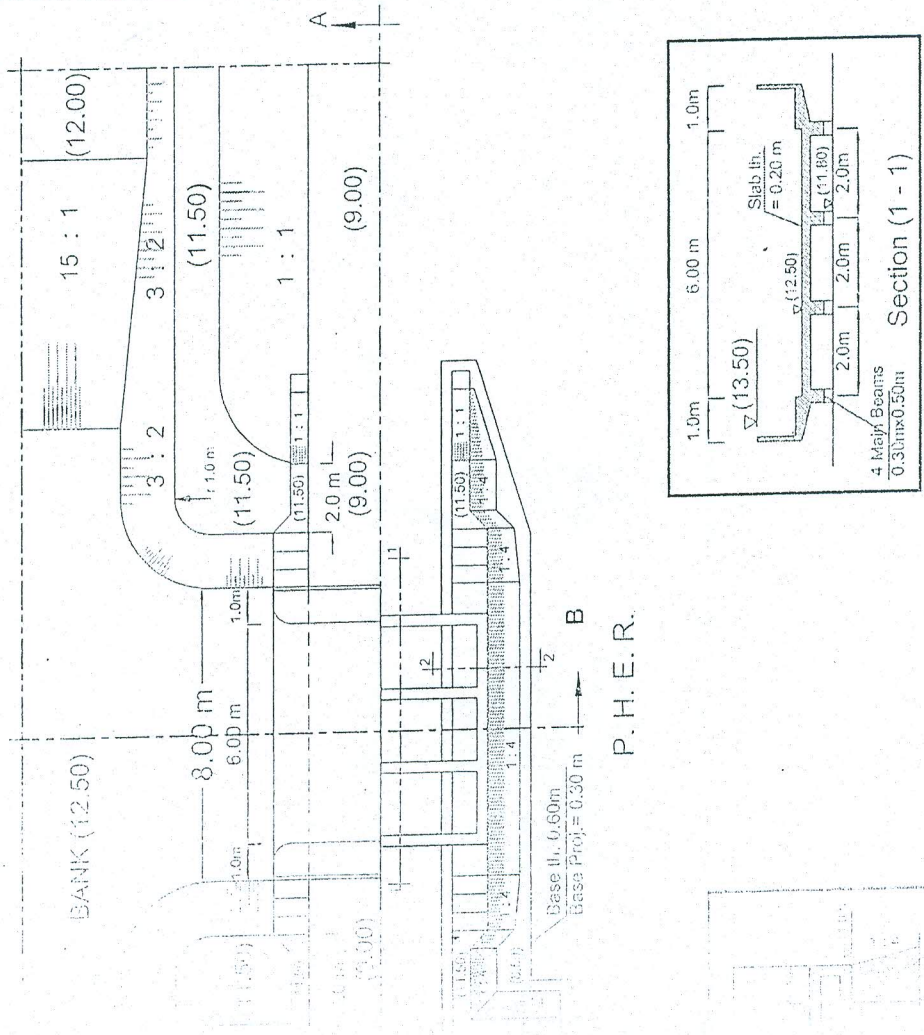
(Level 100)

Faculty of Engineering  
Final Exam  
Time: 3.0 hours.  
Date : 05 Juni, 2014

Answer All Questions

Questions No. 1: (30.0 Marks)

For the given R. C. Bridge, draw (1) the given plan, (2) section elevation (A - A) and section side view (B - B) to scale 1 : 100.

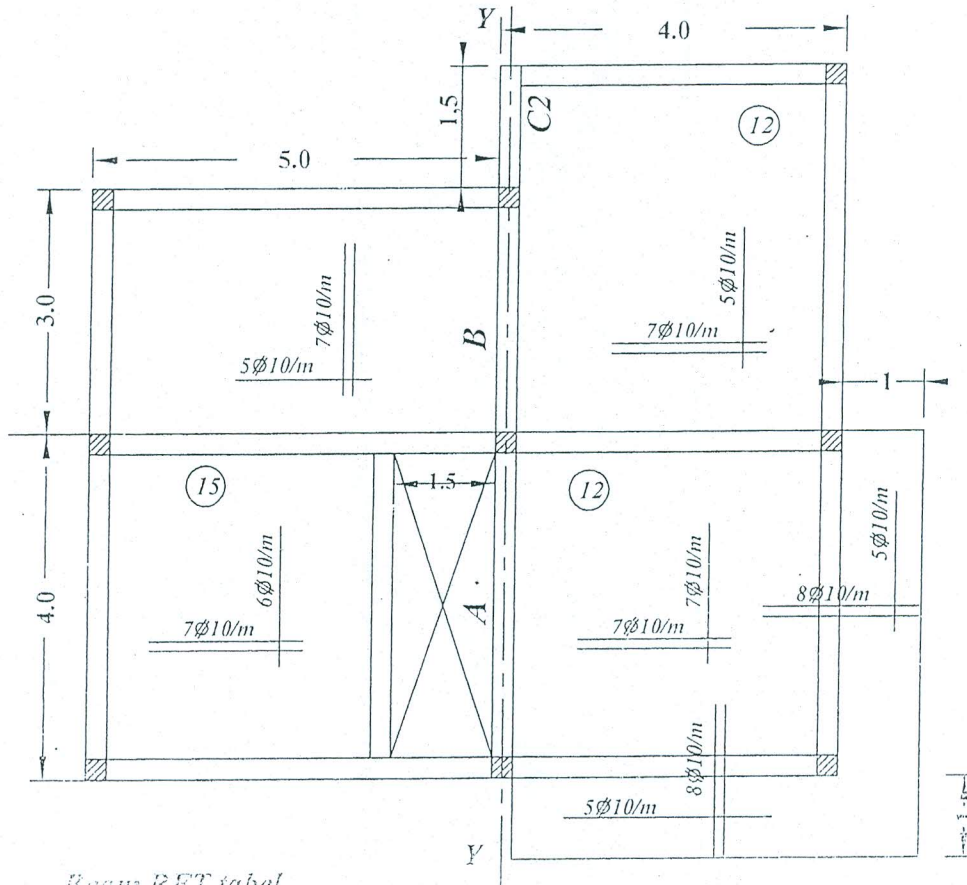


Question (2) (20 marks)

The given is a plan of solid slab, it is required to

1-Draw to scale 1 : 50 all necessary RFT details of slabs. (13 mark)

2-Draw to scale 1 : 25 all necessary RFT details of Sec. Y-Y. (7 mark)



Beam RFT tabel

Beam No.	Sec	Bottom RFT		Upper RFT		Stirrups
		Str.	bent	Str.	bent	
A	25 x 70	7 $\phi$ 10	6 $\phi$ 10	7 $\phi$ 10	-----	6 $\phi$ 8/m
B	25 x 60	5 $\phi$ 10	7 $\phi$ 10	5 $\phi$ 10	-----	6 $\phi$ 8/m