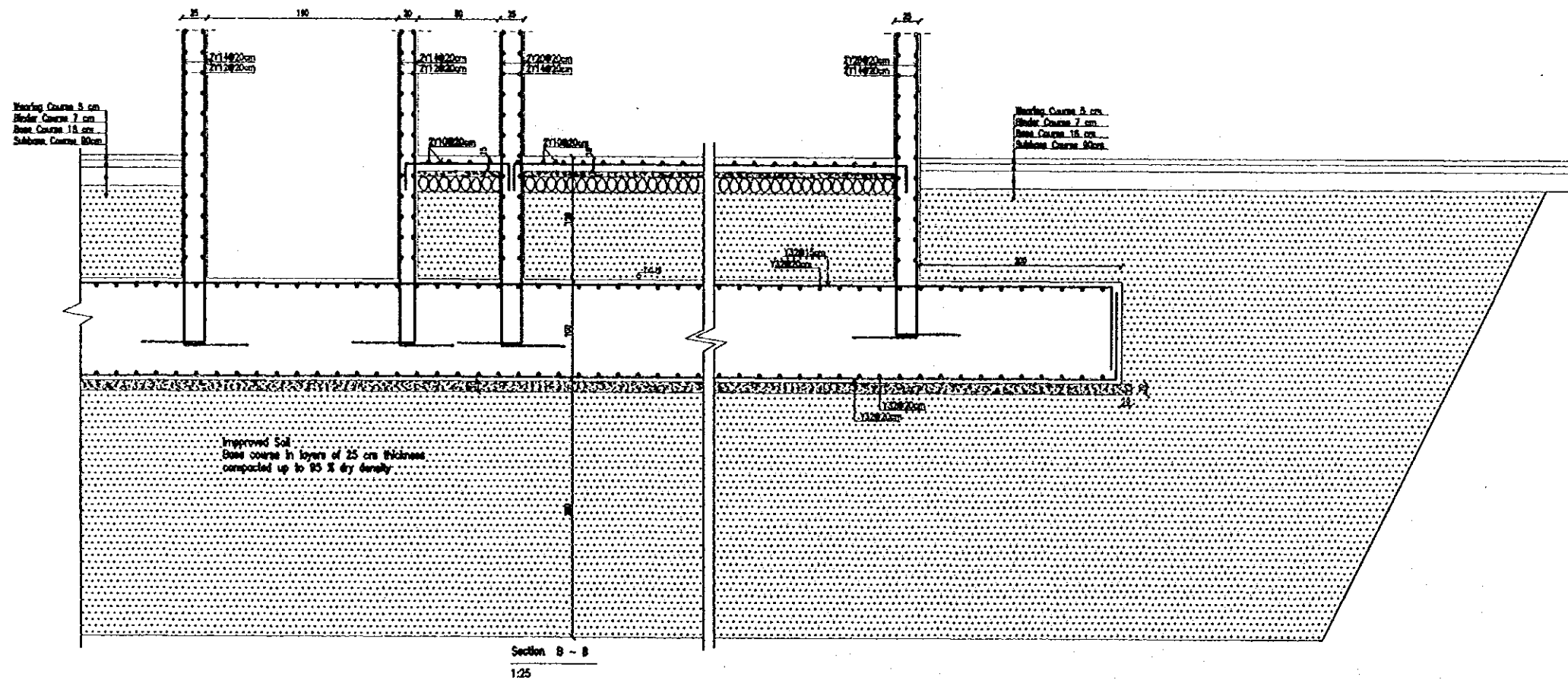


Tourism Sector Development Project  
In the Hashemite Kingdom of Jordan

The Government of  
the Hashemite Kingdom of Jordan  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

Sub Project:  
Amman Downtown  
Tourist Zone Development

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JICA Study Team:

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Subcontracted Local Consultant:

TIBAH Consultants  
Architects, Engineers



Raghadan Bus Terminal

Drawing Title:

Foundation R.C Details  
ZONE 5

Scale:

1:25

Drawing No.:

RBT . S510-3

COLUMNS SCHEDULE

FLOOR COLUMN NO.	REMARKS	Ground floor	First floor	Second floor
C54	SIZE ( cm )	#70	#70	#70
	REINFORCEMENT	24Y32	24Y22	24Y32
	STIRRUPS	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch
C56	SIZE ( cm )	80X40	80X40	
	REINFORCEMENT	18Y22	18Y25	
	STIRRUPS	As shown	As shown	
C57	SIZE ( cm )	60X30	60X30	
	REINFORCEMENT	14Y20	14Y20	
	STIRRUPS	As shown	As shown	
C58	SIZE ( cm )	60X30	60X30	
	REINFORCEMENT	14Y22	14Y25	
	STIRRUPS	As shown	As shown	
C59	SIZE ( cm )	60X30		
	REINFORCEMENT	14Y18		
	STIRRUPS	As shown		
C60	SIZE ( cm )	60X30	60X30	
	REINFORCEMENT	15Y20	15Y32	
	STIRRUPS	As shown	As shown	
C61	SIZE ( cm )	120X40	120X40	120X40
	REINFORCEMENT	28Y32+22Y18	28Y25	28Y22
	STIRRUPS	As shown	As shown	As shown

COLUMNS SCHEDULE

FLOOR COLUMN NO.	REMARKS	Ground floor	First floor	Second floor
C62	SIZE ( cm )	#80	#70	#70
	REINFORCEMENT	32Y25	28Y18	28Y14
	STIRRUPS	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch
C63	SIZE ( cm )	120X40	120X40	100X40
	REINFORCEMENT	32Y32	28Y25	22Y20
	STIRRUPS	As shown	As shown	As shown
C64	SIZE ( cm )	#80	#70	#70
	REINFORCEMENT	20Y32	20Y18	20Y25
	STIRRUPS	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch
C65	SIZE ( cm )	#80	#70	#70
	REINFORCEMENT	32Y22	28Y18	28Y25
	STIRRUPS	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch
C66	SIZE ( cm )	#80	#70	#70
	REINFORCEMENT	32Y18	28Y25	28Y32
	STIRRUPS	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch
C67	SIZE ( cm )	40X80	40X80	40X80
	REINFORCEMENT	18Y32	18Y32	18Y32
	STIRRUPS	As shown	As shown	As shown
C68	SIZE ( cm )	#70	#70	#70
	REINFORCEMENT	24Y25	24Y32	24Y32
	STIRRUPS	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch	Y10 Spiral of 5 cm Pitch

Tourism Sector Development Project in the Hashemite Kingdom of Jordan

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Sub-Project:  
Ammon Downtown  
Tourist Zone Development

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TIBAH Consultants Architects, Engineers

Raghadan Bus Terminal

Drawing Title:  
Columns R.C Details  
ZONE 5

Scale: 1:20  
Drawing No: RBT. S520-1

**COLUMNS SCHEDULE**

FLOOR COLUMN NO.	REMARKS	Ground Floor	First Floor	Second Floor
C69	SIZE ( cm )	#70	#70	#70
	REINFORCEMENT	24Y22	24Y18	24Y20
				
	STIRRUPS	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch
C70	SIZE ( cm )	#70	#70	#70
	REINFORCEMENT	24Y18	24Y16	24Y20
				
	STIRRUPS	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch
C71	SIZE ( cm )	#70	#70	#70
	REINFORCEMENT	24Y16	24Y16	24Y20
				
	STIRRUPS	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch
C72	SIZE ( cm )	#70	#70	#70
	REINFORCEMENT	24Y18	24Y20	24Y16
				
	STIRRUPS	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch
C73	SIZE ( cm )	#70	#70	#70
	REINFORCEMENT	24Y16	24Y20	24Y32
				
	STIRRUPS	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch
C74	SIZE ( cm )	#70	#70	#70
	REINFORCEMENT	24Y16	24Y20	24Y32
				
	STIRRUPS	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch	Y10 Spiral at 5 cm Pitch

Tourism Sector Development Project  
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Sub-Project:  
Amman Downtown  
Tourist Zone Development

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Architects, Engineers  


Raghadan Bus Terminal

Drawing Title:  
Columns R.C Details  
ZONE 5

Scale: Drawing No:  
RBT.S520--2

Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

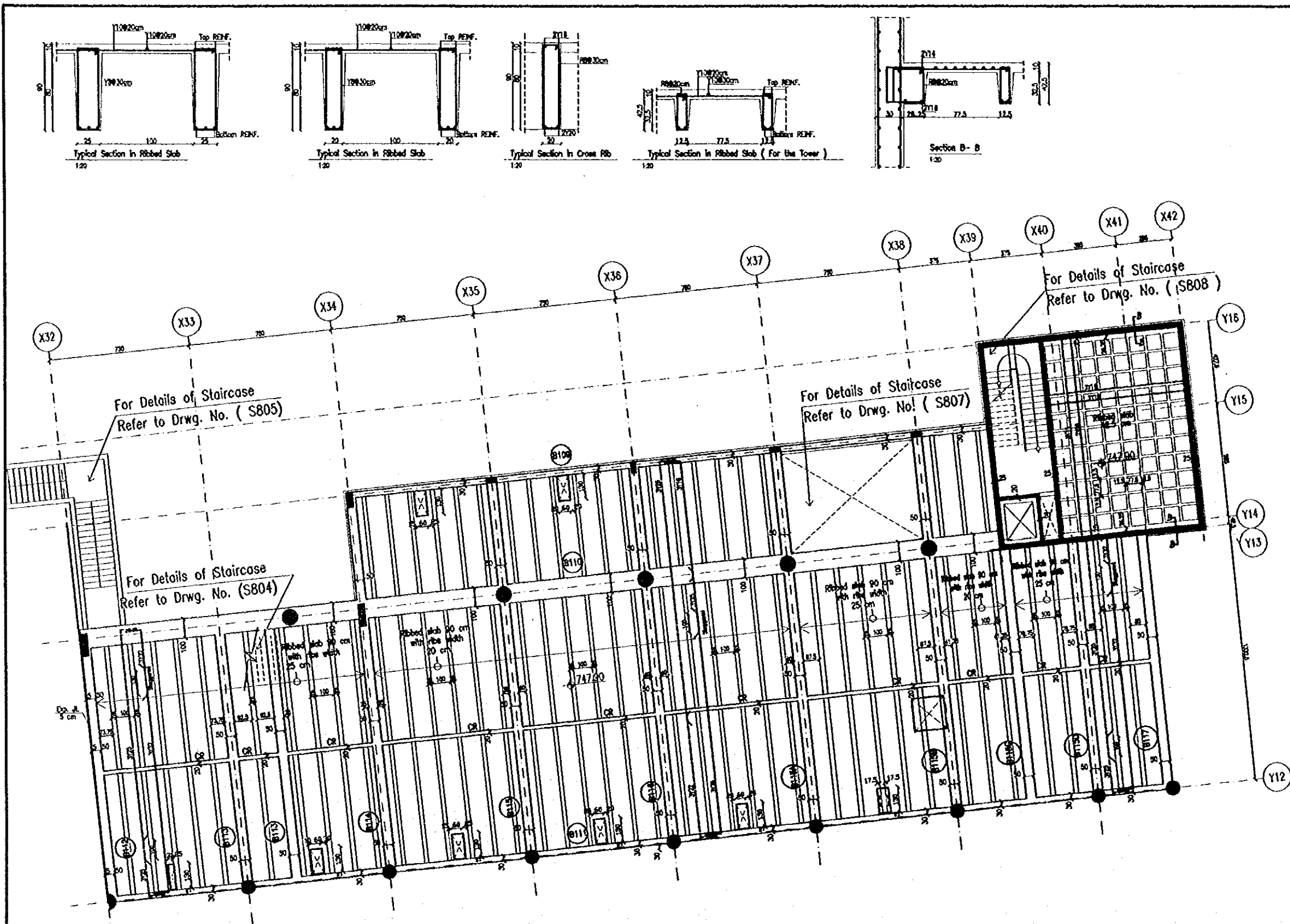
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The Ministry of Tourism and Antiquities  
The Ministry of Planning

Sub-Project:  
Amman Downtown  
Tourist Zone Development

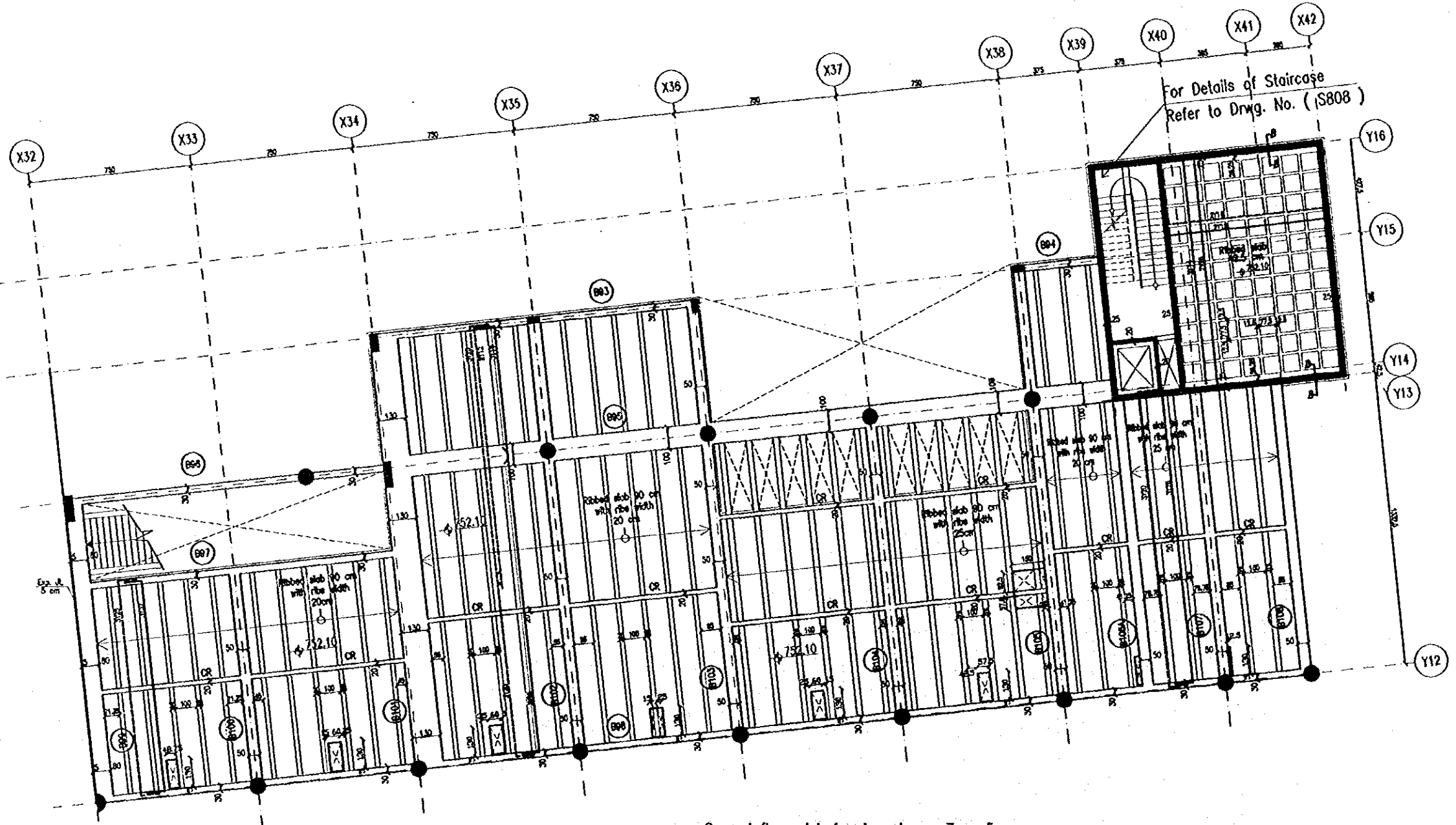
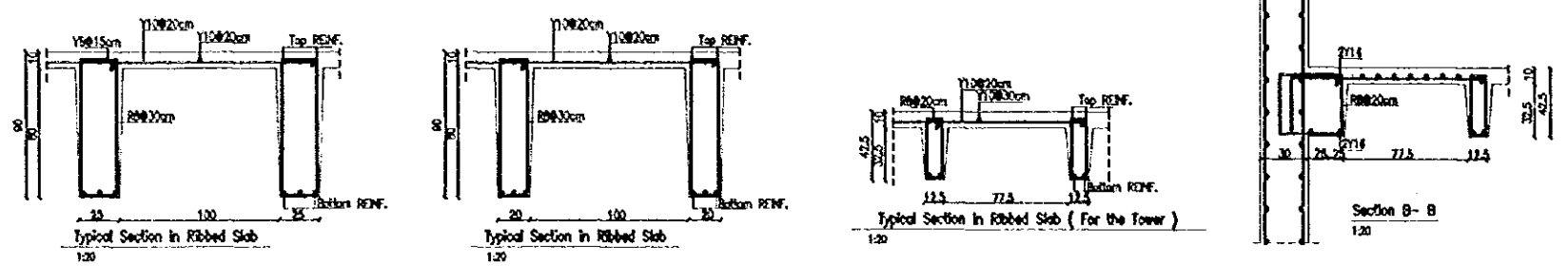
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Raghadan Bus Terminal  
Drawing Title:  
First Floor Slab Framing  
And R.C Details - ZONE 5  
Scale: 1:100  
Drawing No.: RBT. S531



First floor slab framing plan - Zone 5  
1:100



Second floor slab framing plan - Zone 5  
1:100

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Sub-Project:  
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Tourist Zone Development

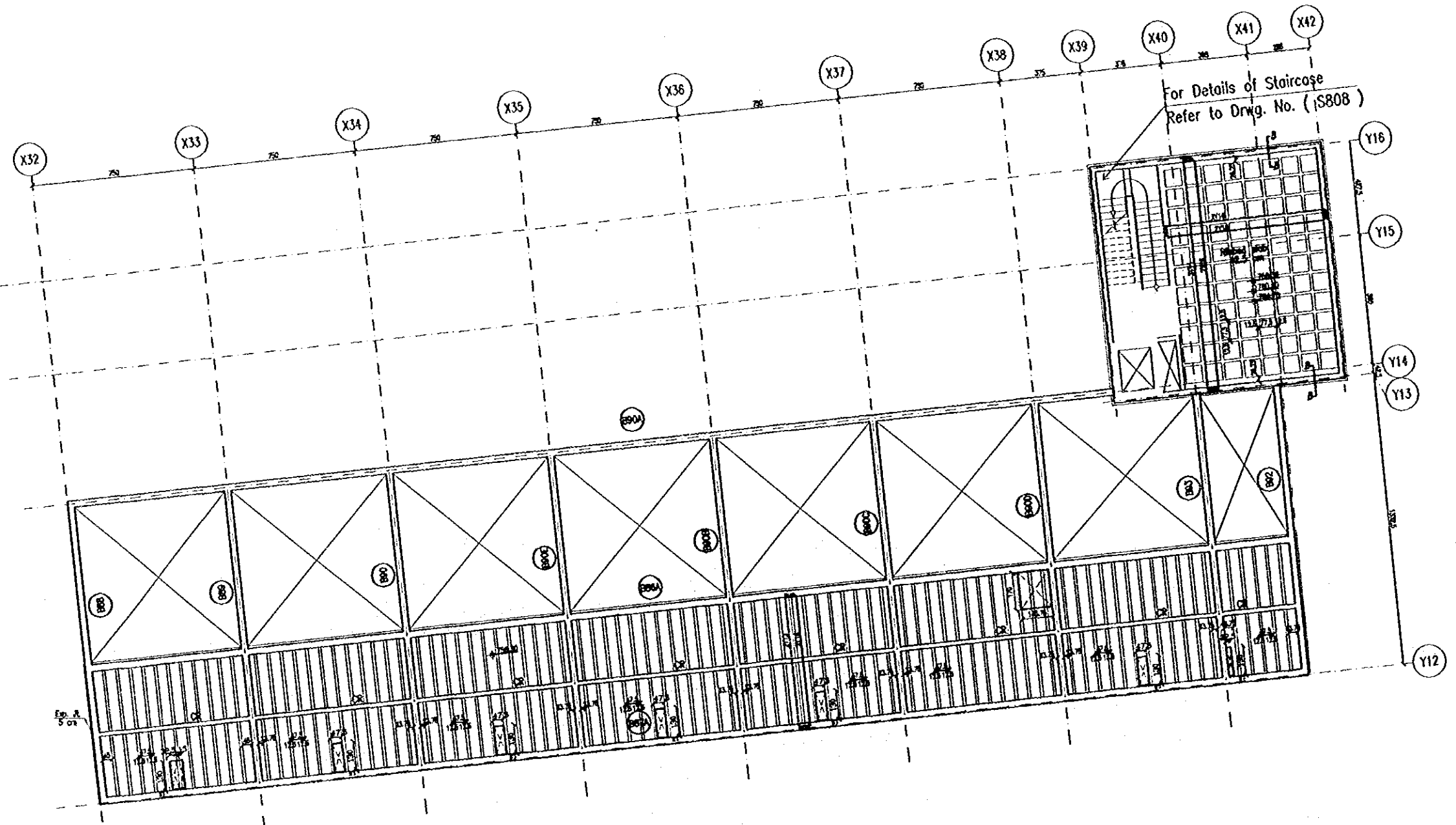
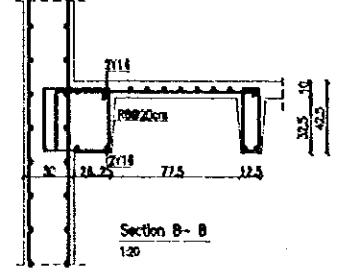
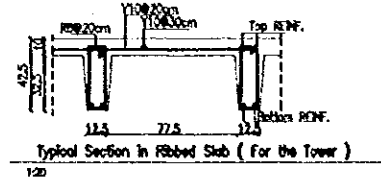
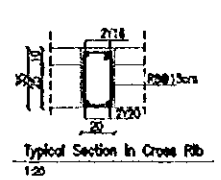
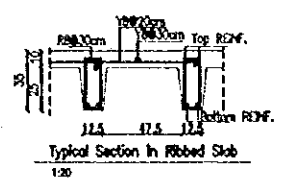
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Architects, Engineers

Raghadan Bus Terminal

Drawing Title:  
Second Floor Slab Framing  
And R.C Details - ZONE 5

Scale: 1:100 Drawing No.: RBT. S532



Third floor slab framing plan - Zone 5  
1:100

Tourism Sector Development Project  
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The Ministry of Planning

Sub-Project:  
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Architects/Engineers

Raghadan Bus Terminal

Drawing Title:  
Third Floor Slab Framing  
And R.C Details - ZONE 5

Scale: 1:100  
Drawing No.: RBT. S533

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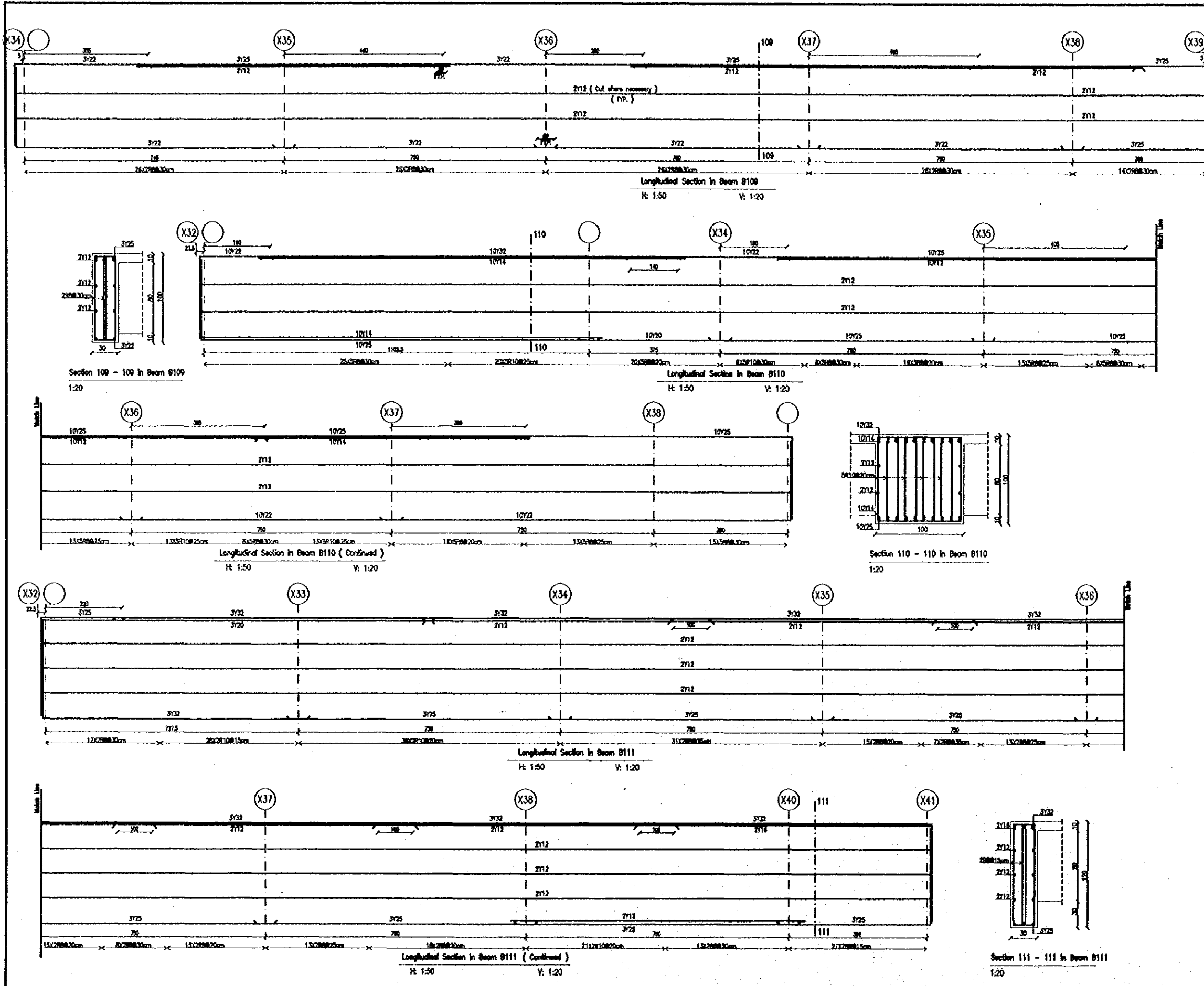
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TIBAH Consultants  
Architects, Engineers

Raghadan Bus Terminal  
Drawing Title:  
First Floor Slab Beams  
R.C Details - ZONE 5

Scale: As shown Drawing No.: RBT. S541-1

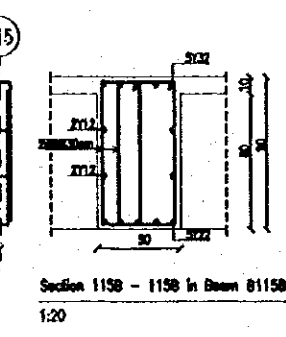
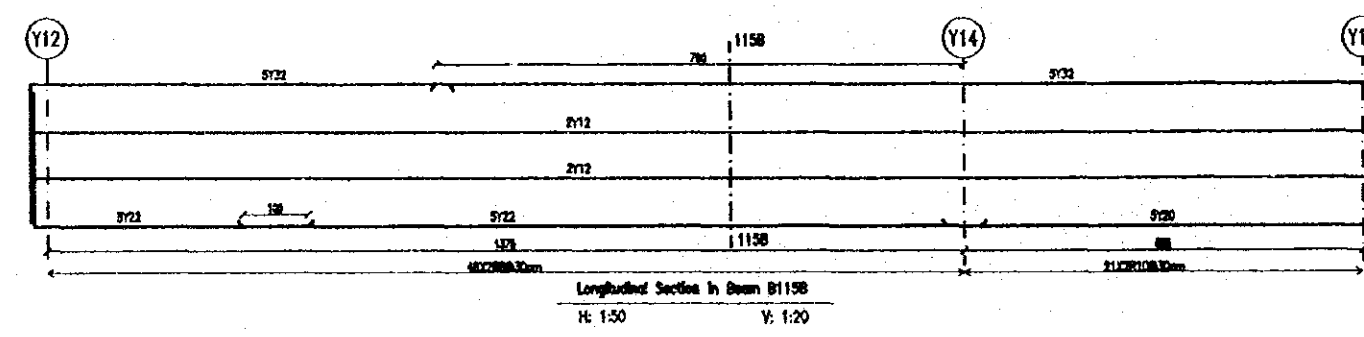
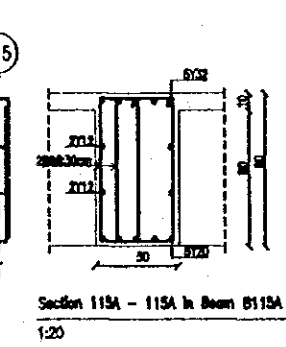
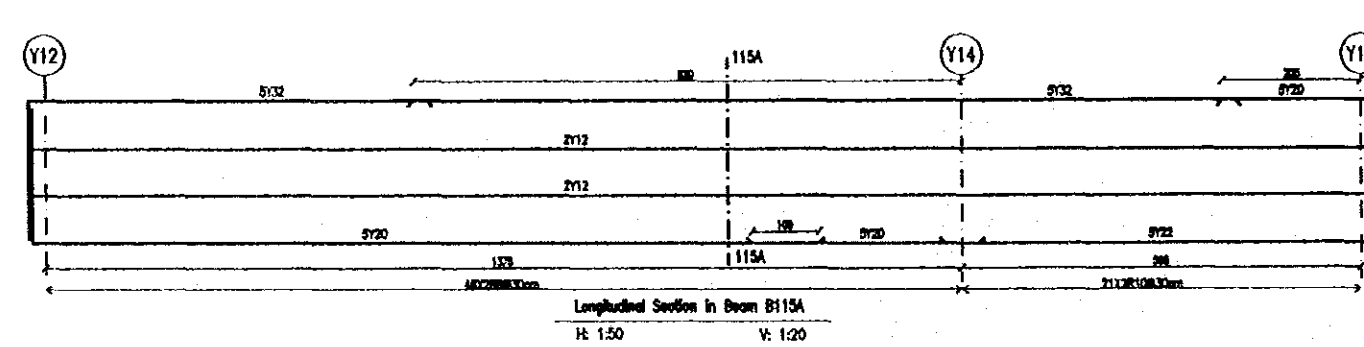
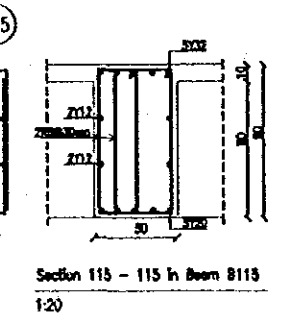
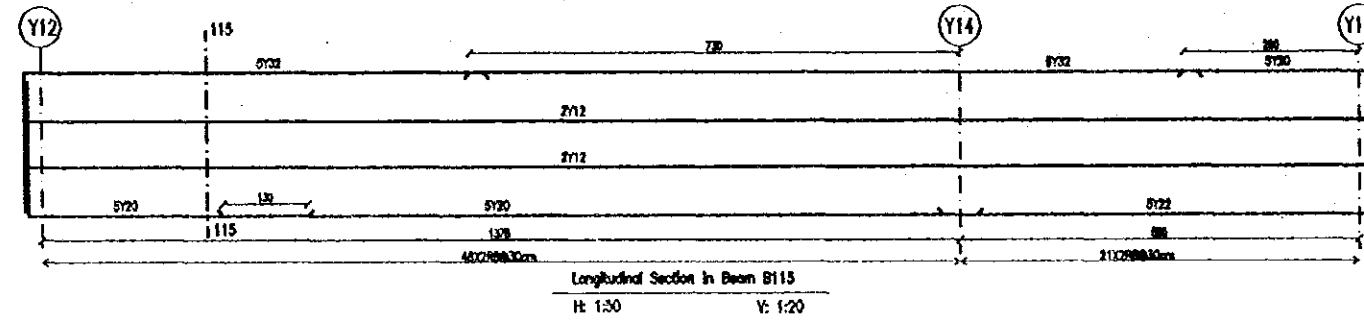
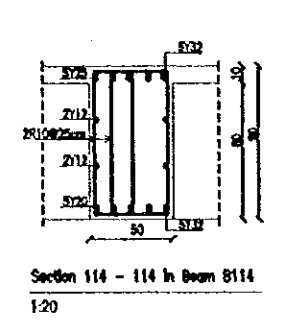
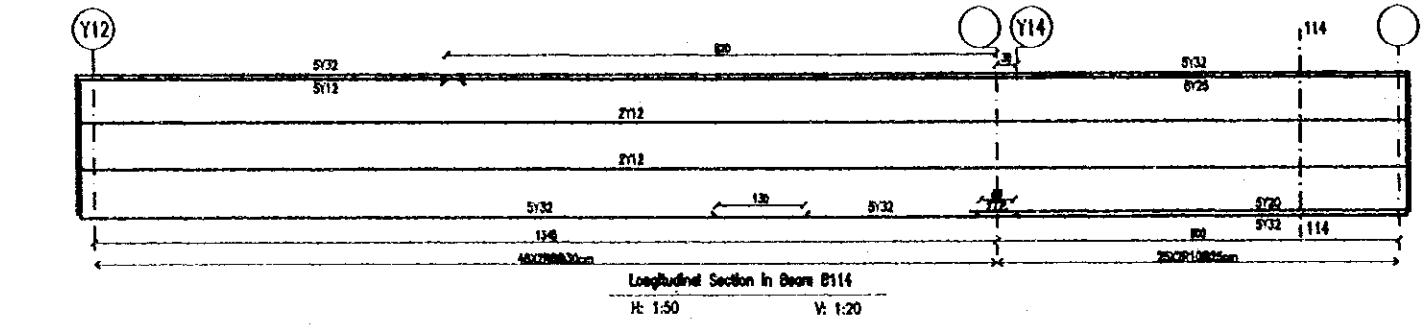
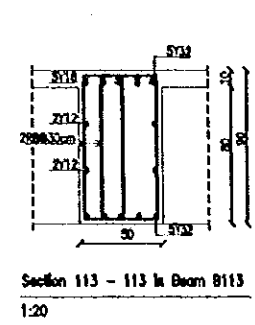
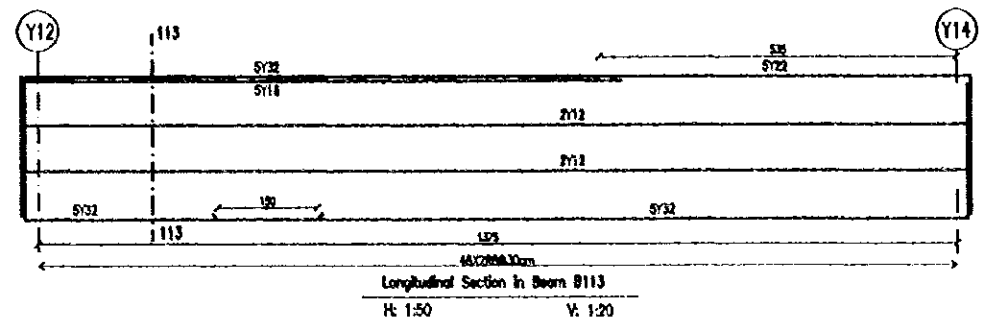
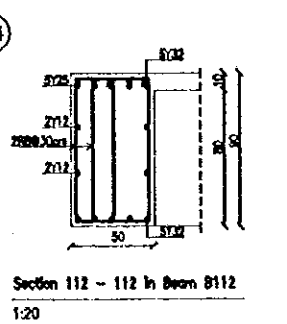
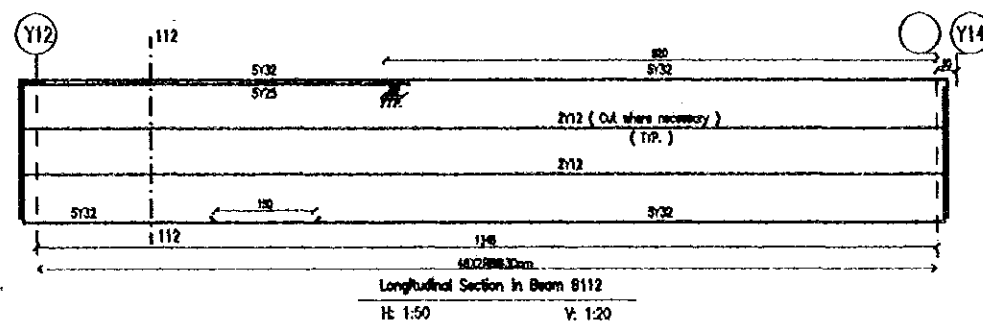


Tourism Sector Development Project  
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Sub-Project:  
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Architects, Engineers

Raghadan Bus Terminal  
Drawing Title:  
First Floor Slab Beams  
R.C Details - ZONE 5  
Scale: As shown Drawing No.: RBT. S541-2

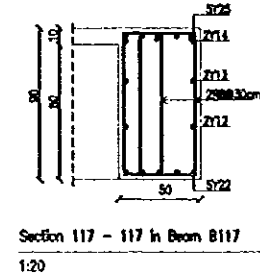
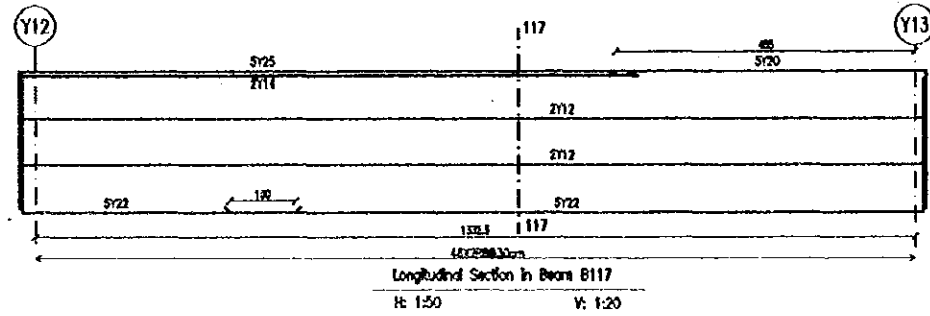
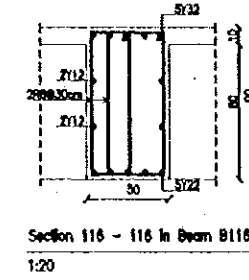
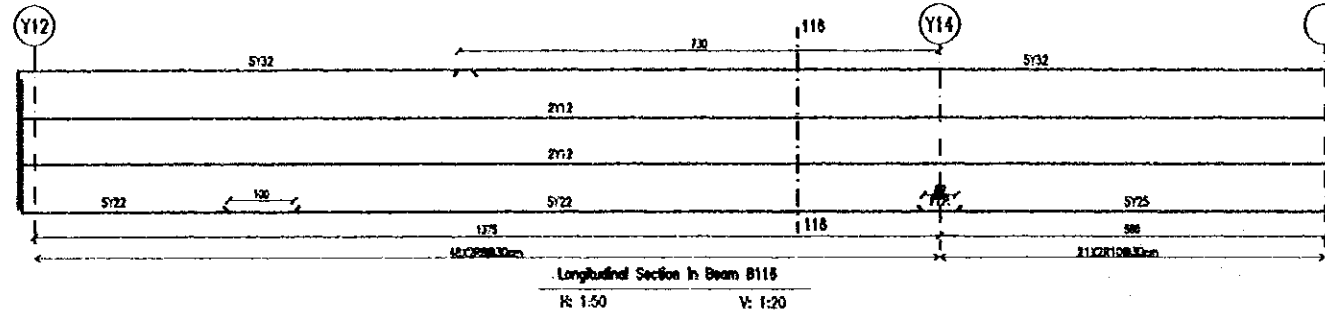
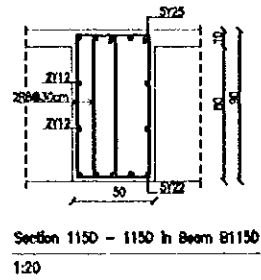
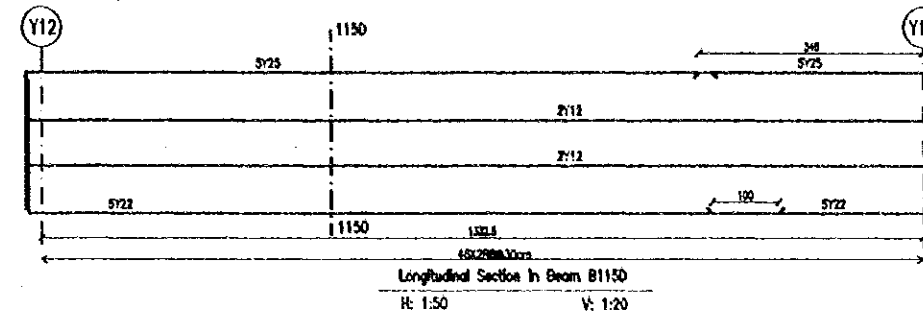
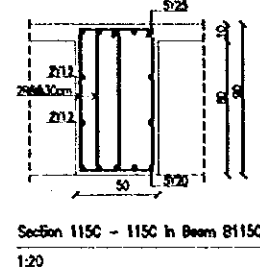
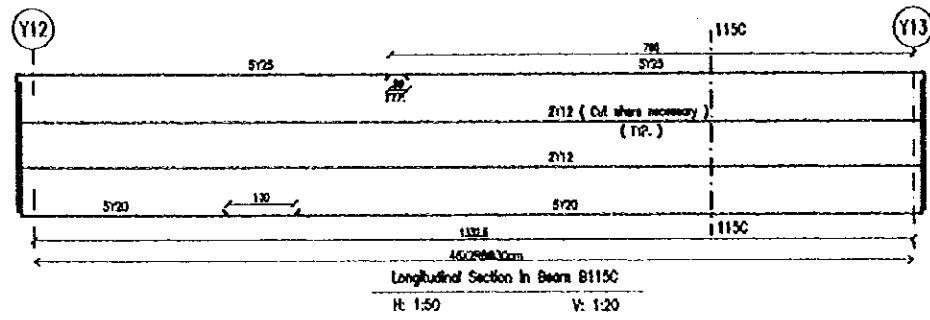


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Architects, Engineers



Raghadan Bus Terminal

Drawing Title:

First Floor Slab Beams  
R.C Details - ZONE 5

Scale:

As shown

Drawing No.:

RBT. S541-3

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in the Hashemite Kingdom of Jordan

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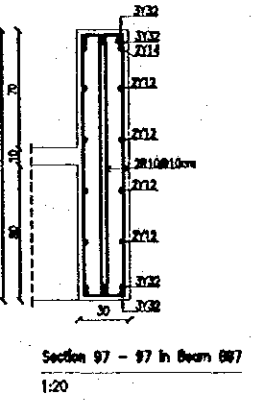
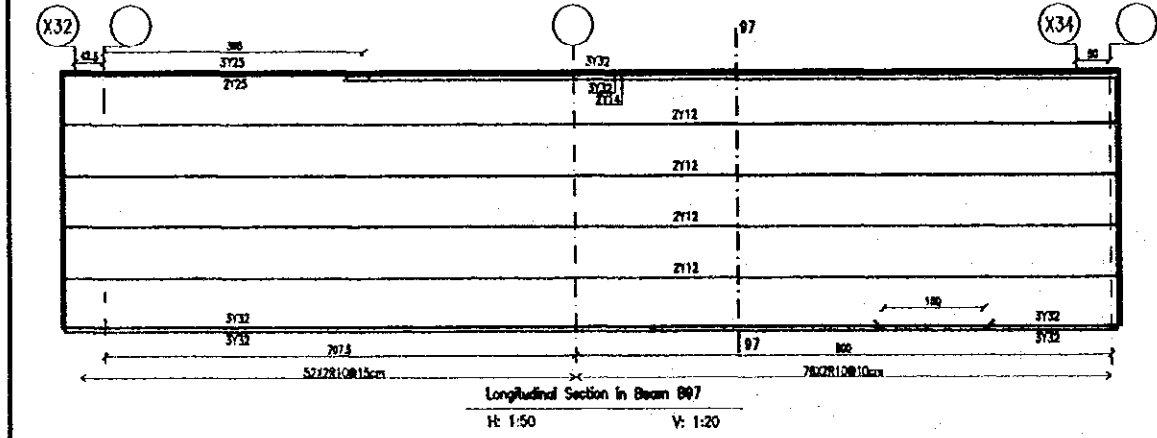
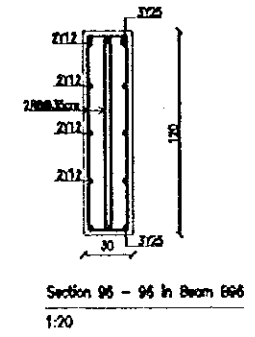
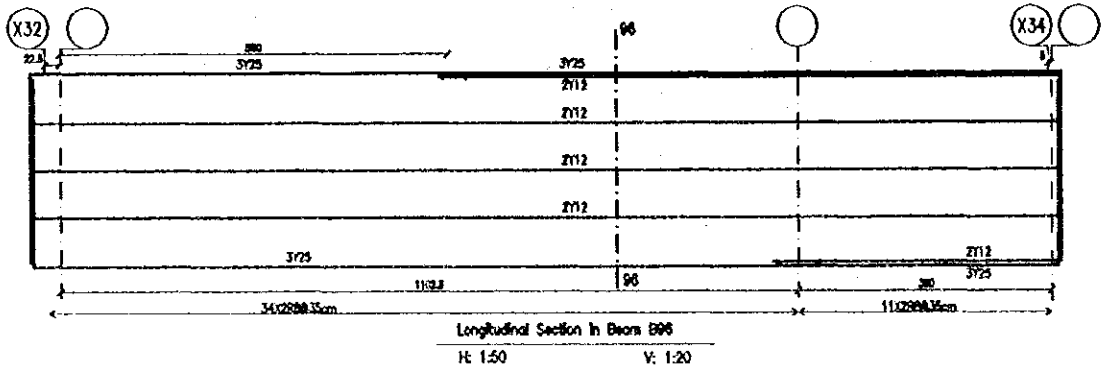
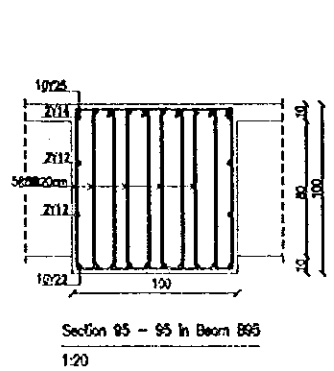
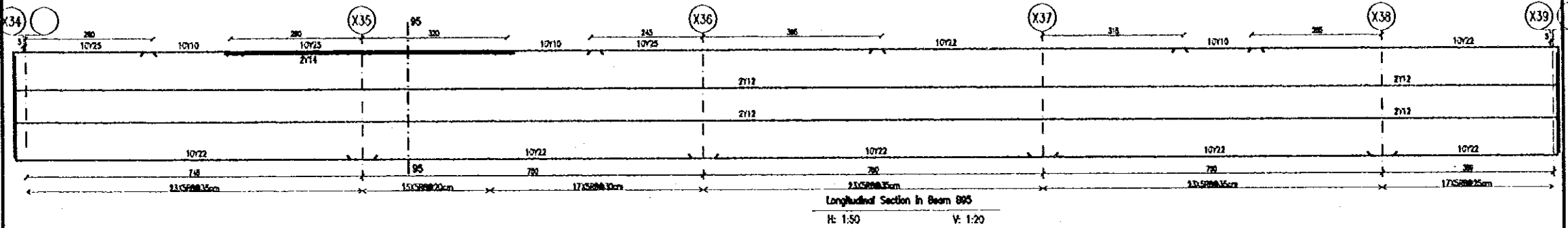
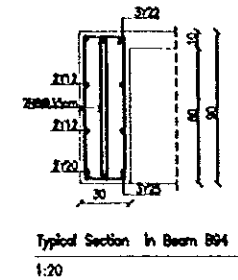
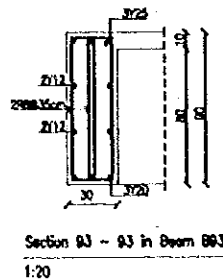
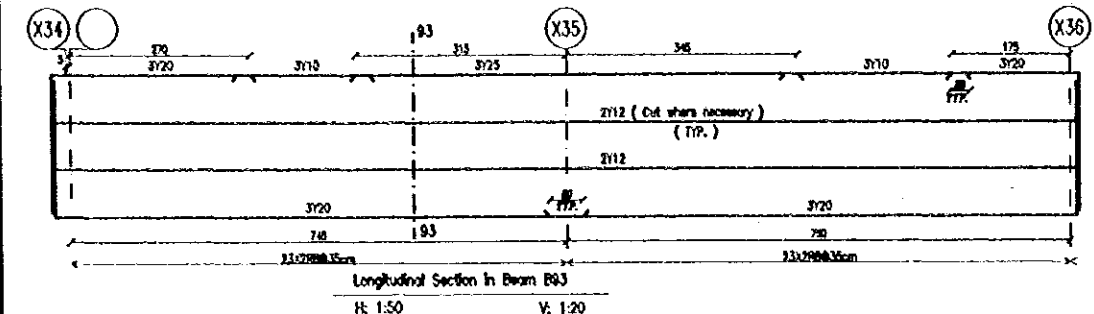
Sub-Project:  
Amman Downtown  
Tourist Zone Development

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Roghadon Bus Terminal  
Drawing Title:  
Second Floor Slab Beams  
R.C Details - ZONE 5

Scale: As shown Drawing No: RBT. S542-1



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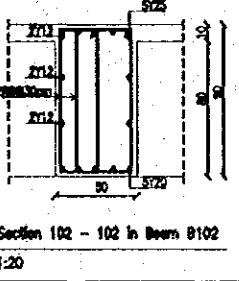
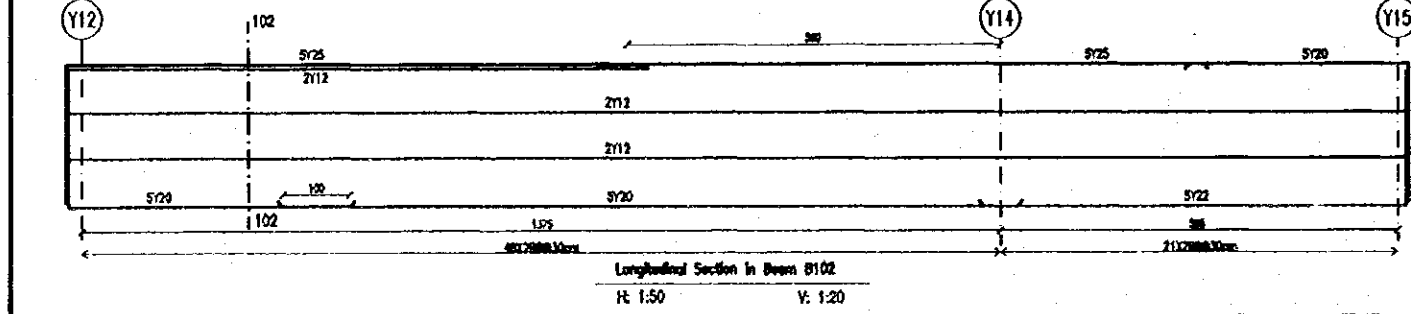
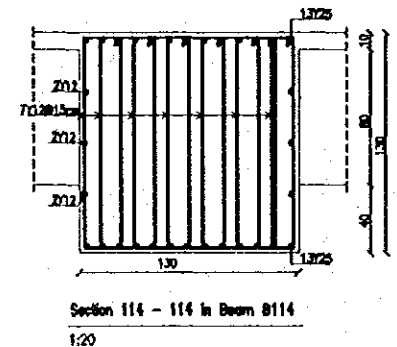
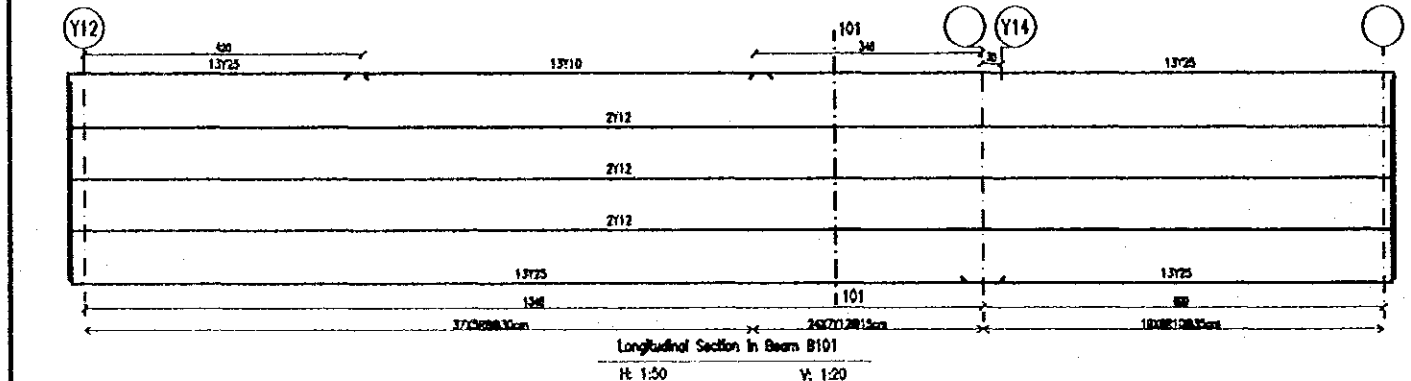
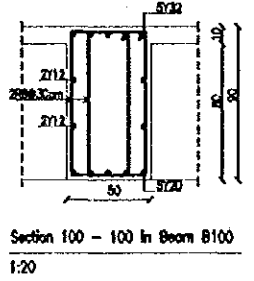
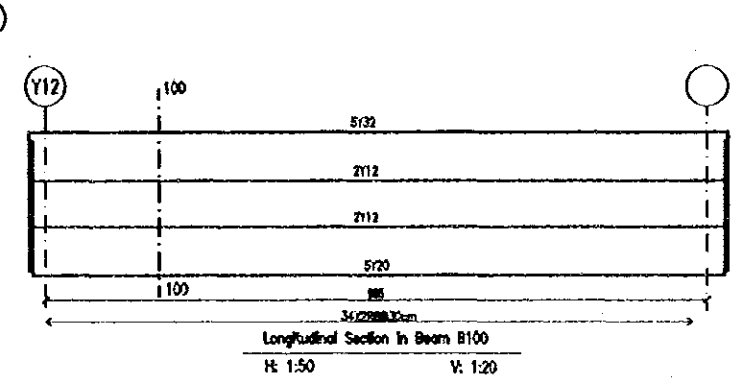
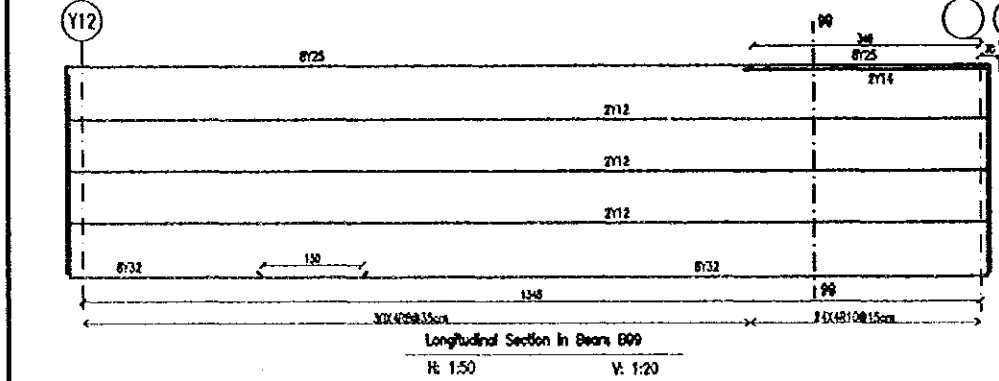
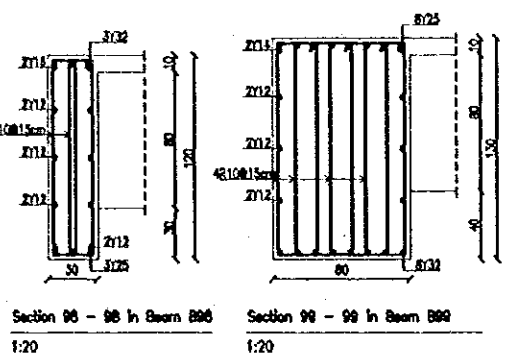
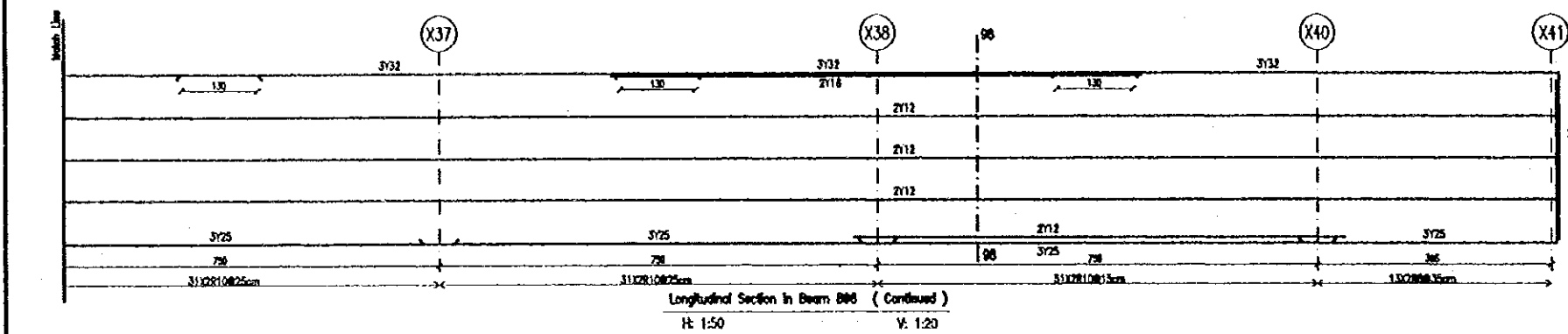
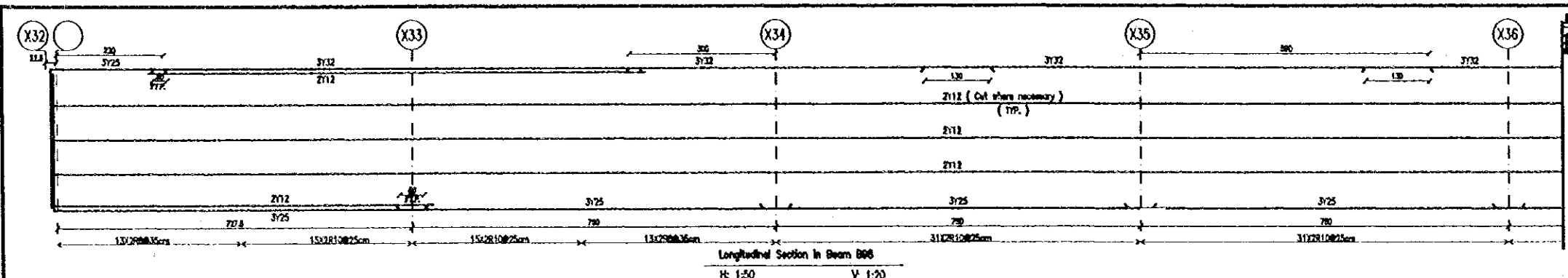
Sub-Project:  
Amman Downtown  
Tourist Zone Development

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TMAH Consultants  
Architects, Engineers

Raghadan Bus Terminal  
Drawing Title:  
Second Floor Slab Beams  
R.C Details - ZONE 5

Scale: As shown Drawing No: RBT. S542-2

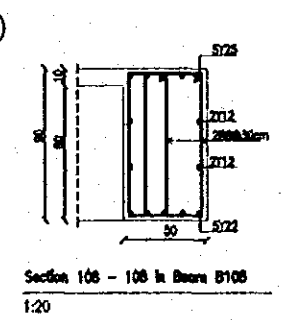
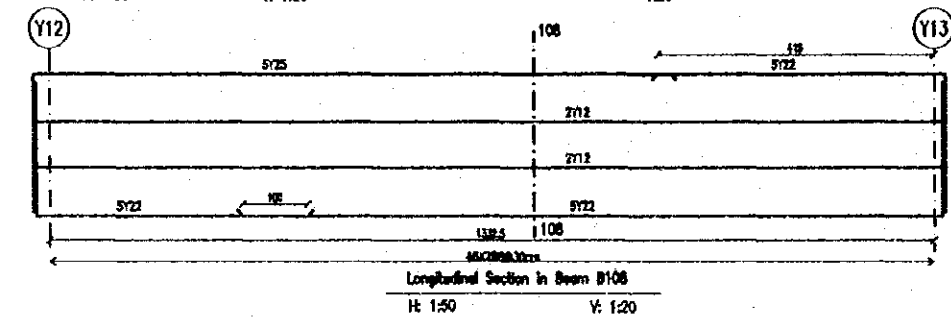
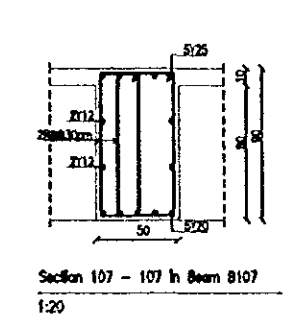
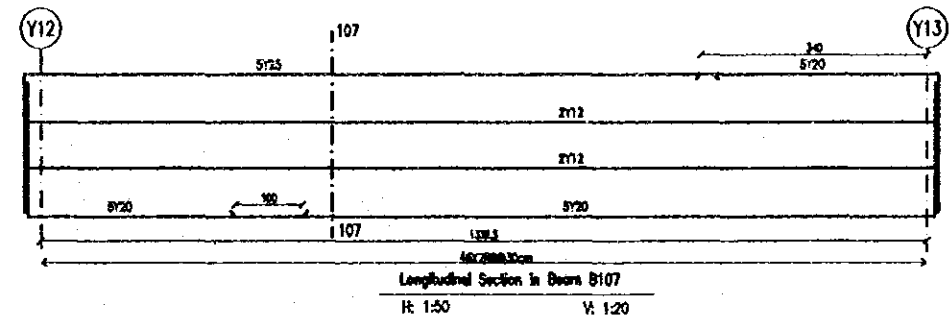
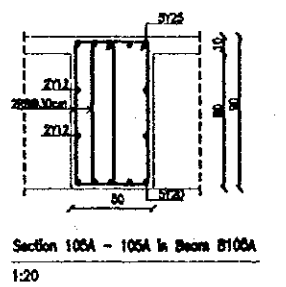
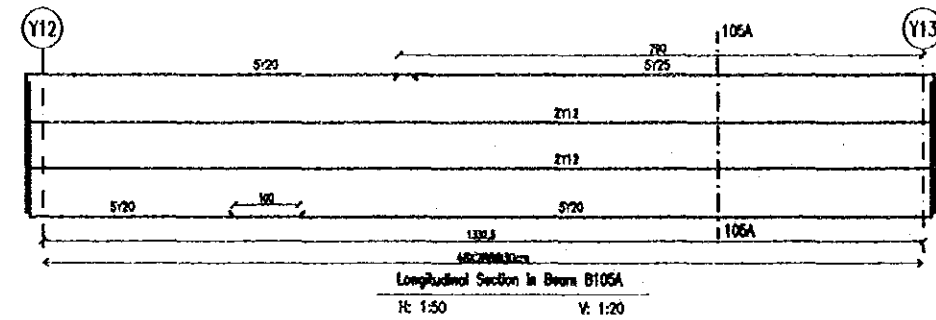
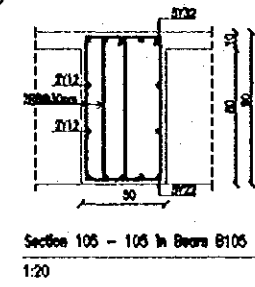
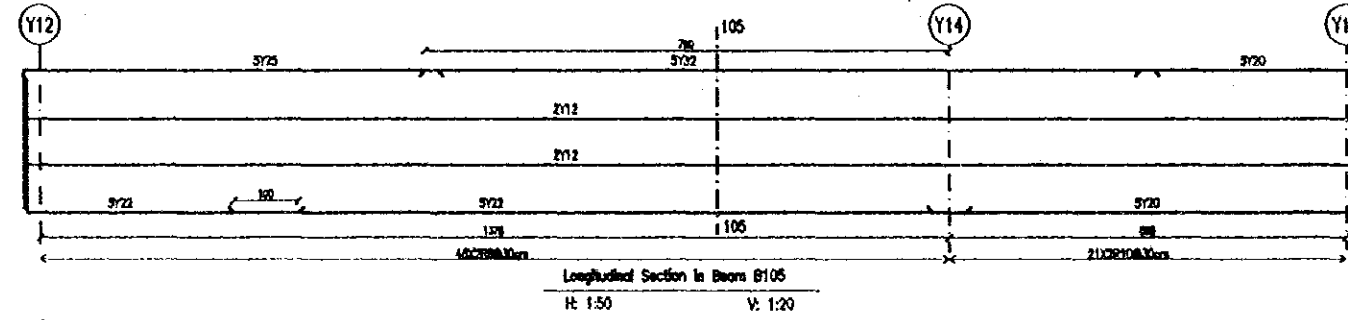
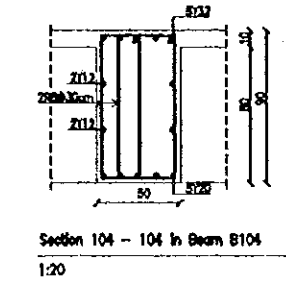
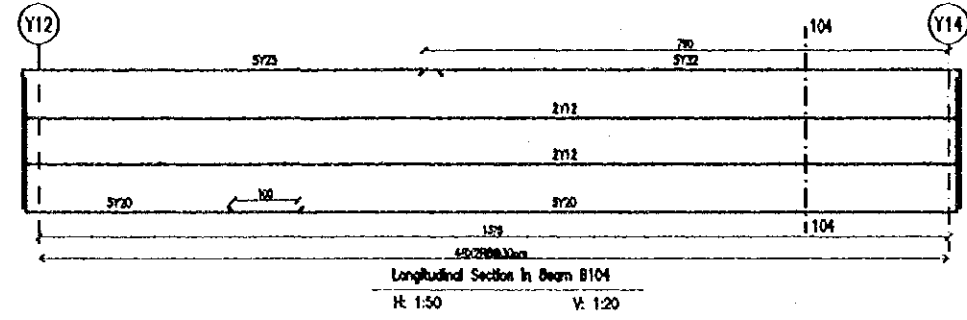
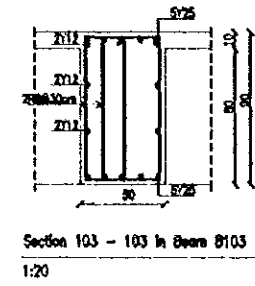
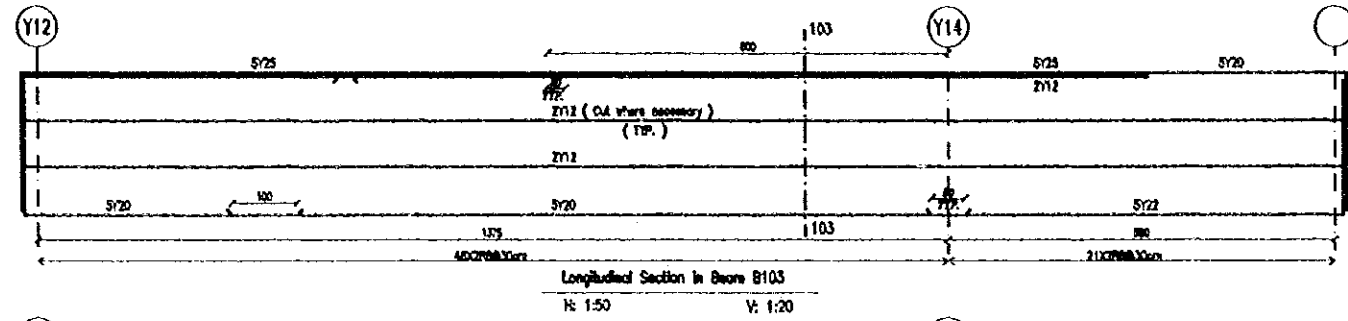


Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

The Government of  
the Hashemite Kingdom of Jordan  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

Sub-Project:  
Amman Downtown  
Tourist Zone Development

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Raghadan Bus Terminal  
Drawing Title:  
Second Floor Slab Beams  
R.C Details - ZONE 5

Scale:  
As shown Drawing No.:  
RBT . S542-3

Tourism Sector Development Project  
In the Hashemite Kingdom of Jordan

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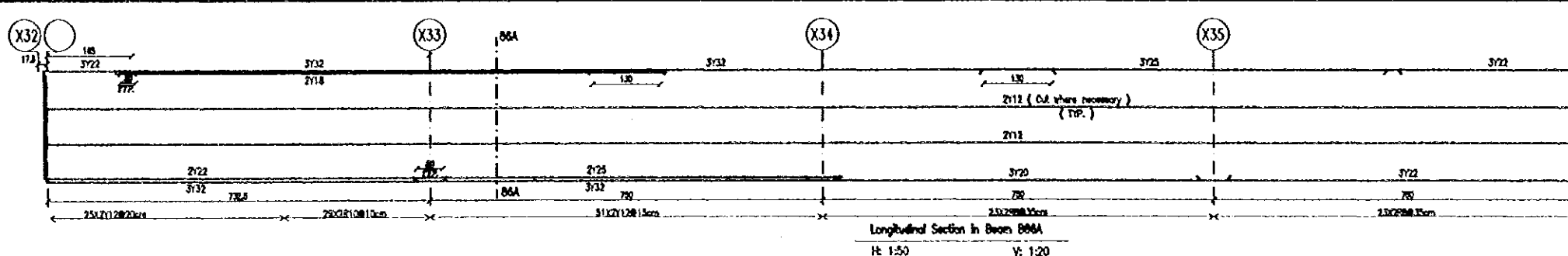
Subcontracted Local Consultant:

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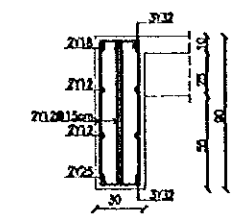
Raghadan Bus Terminal

Drawing Title:  
Third Floor Slab Beams  
R.C Details - ZONE 5

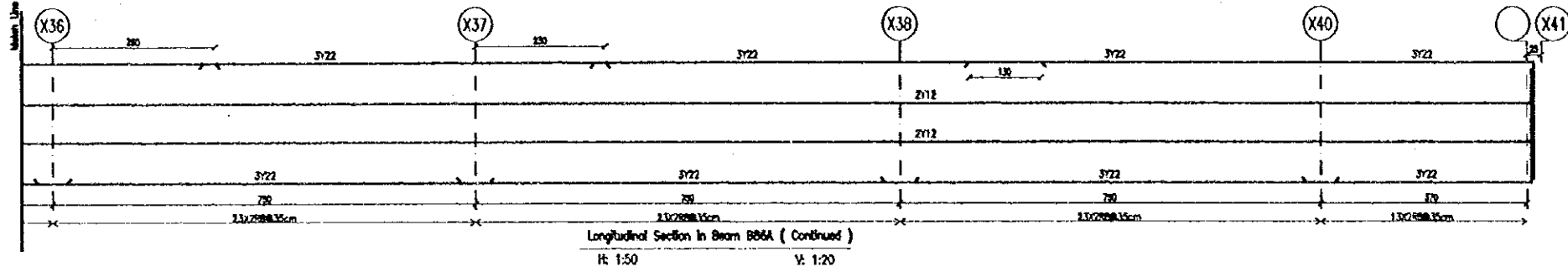
Scale: As shown Drawing No.: RBT. S543-1



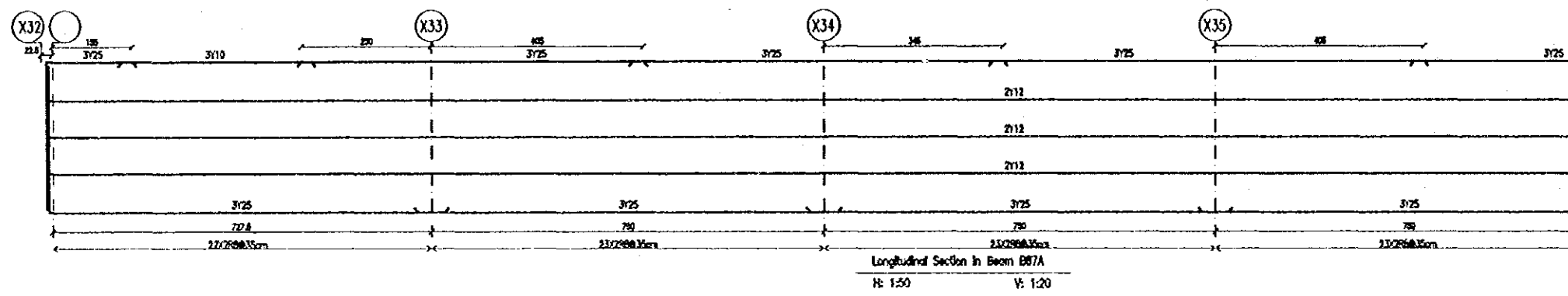
Longitudinal Section in Beam B66A  
H: 1:50 V: 1:20



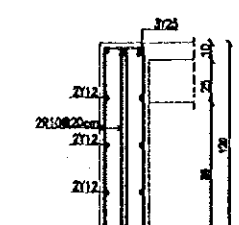
Section B6A - B6A in Beam B66A  
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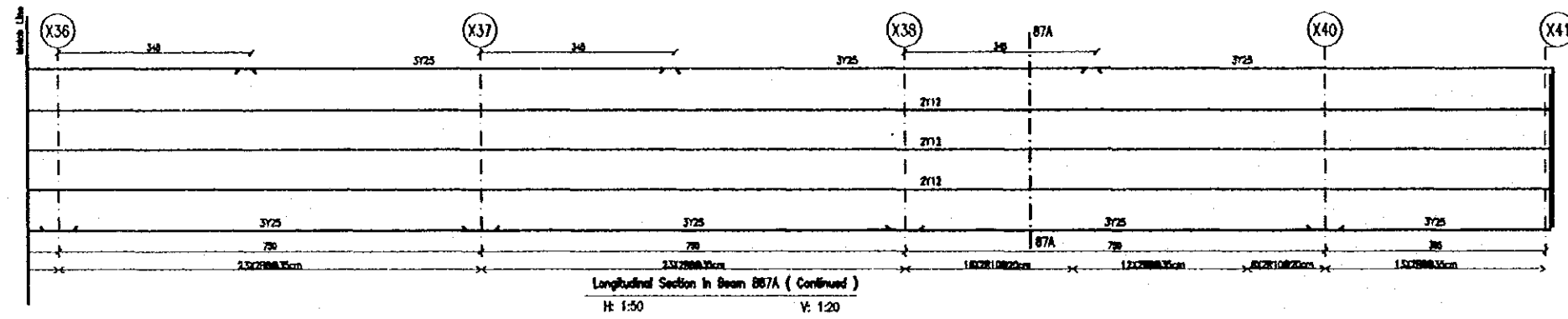
Longitudinal Section in Beam B66A (Continued)  
H: 1:50 V: 1:20



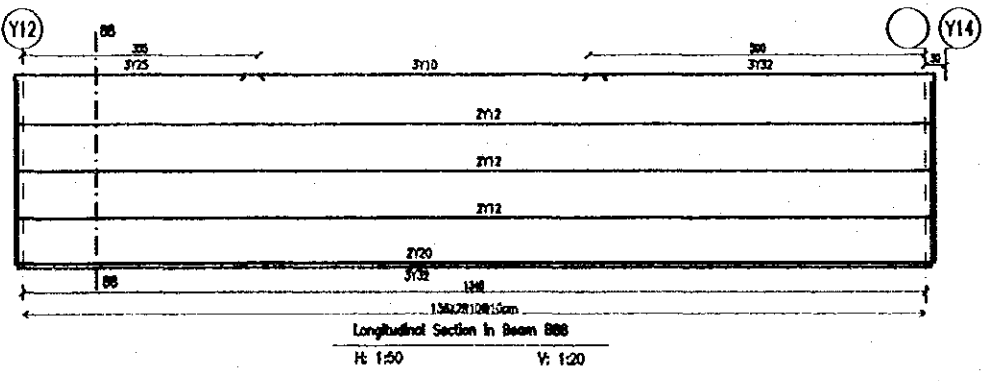
Longitudinal Section in Beam B67A  
H: 1:50 V: 1:20



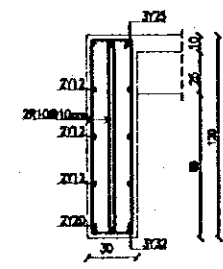
Section B7A - B7A in Beam B67A  
1:20



Longitudinal Section in Beam B67A (Continued)  
H: 1:50 V: 1:20



Longitudinal Section in Beam B68  
H: 1:50 V: 1:20



Section B6 - B6 in Beam B68  
1:20

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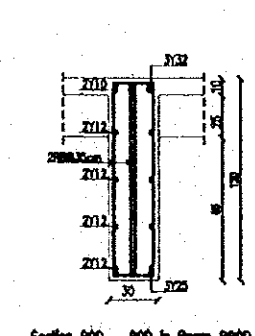
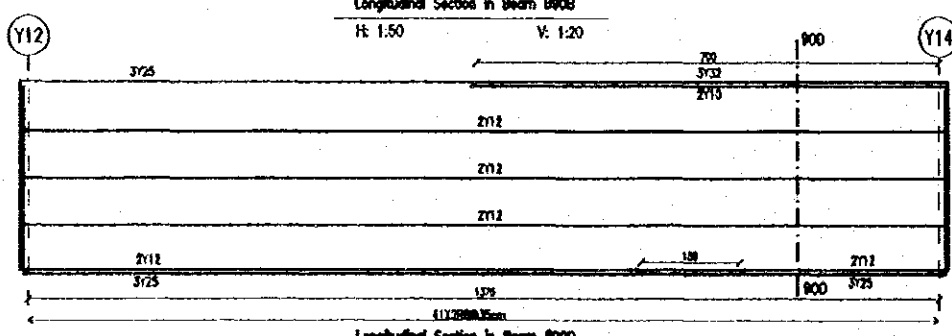
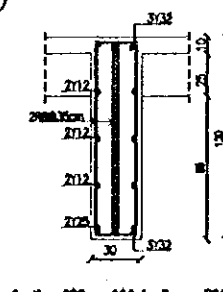
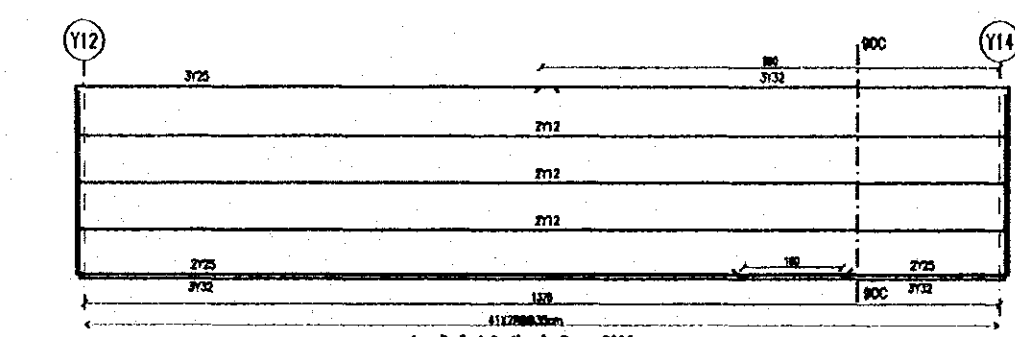
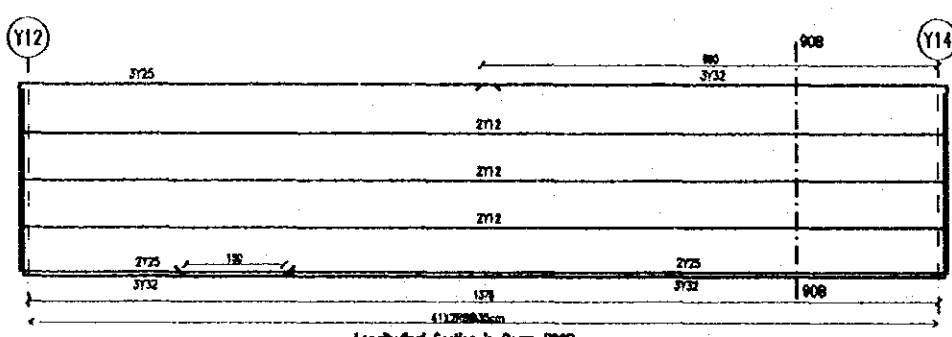
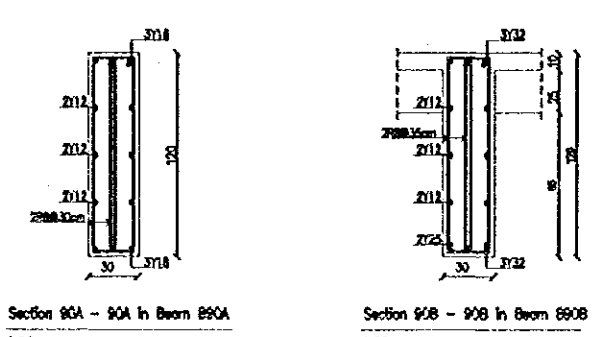
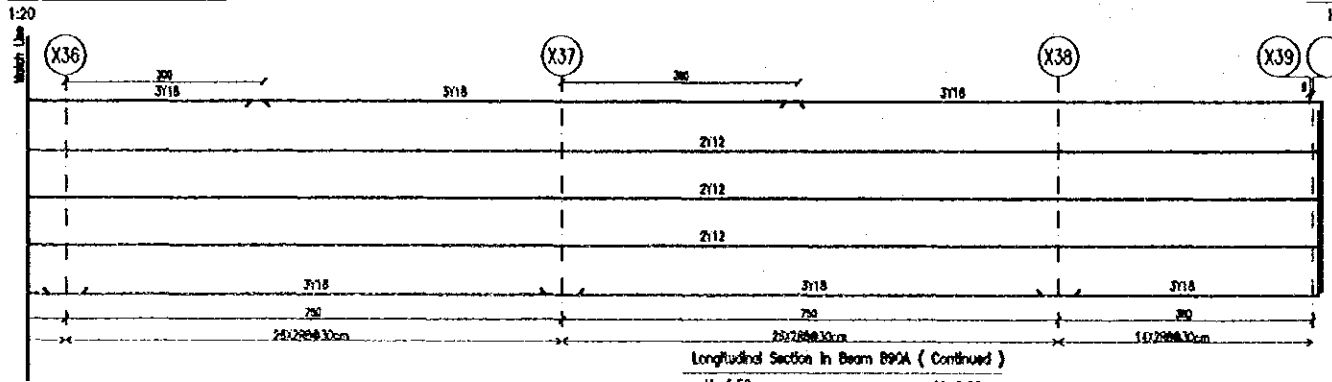
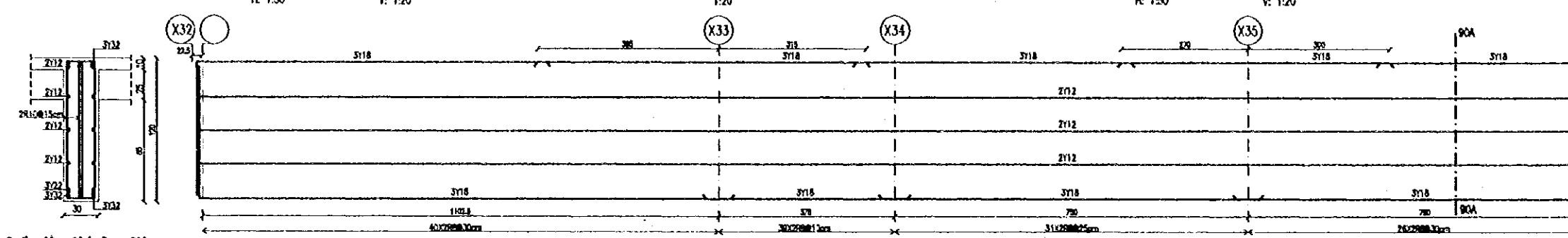
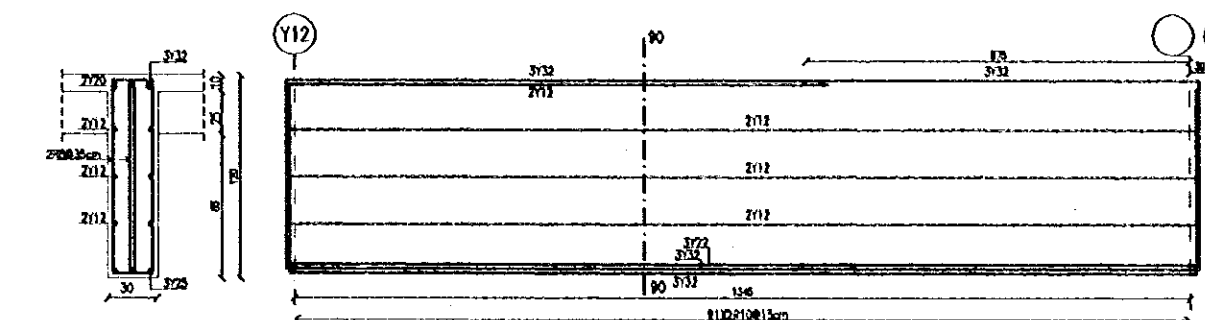
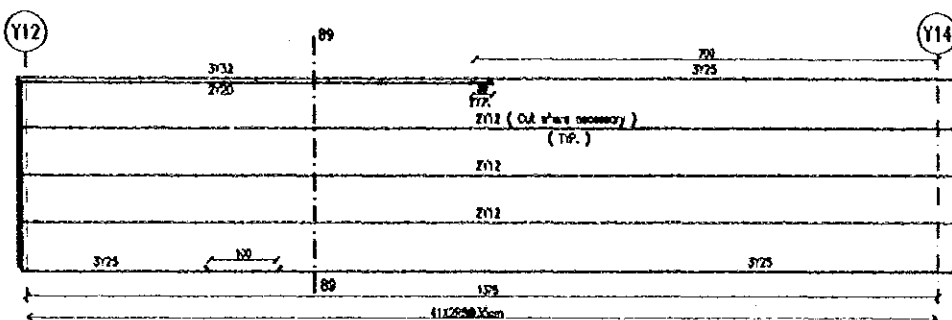
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Architects, Engineers  


Raghadan Bus Terminal

Drawing title:  
Third Floor Slab Beams  
R.C Details - ZONE 5

Scale: As shown Drawing No.: RBT. S543-2

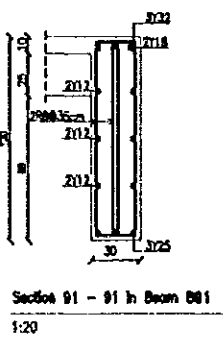
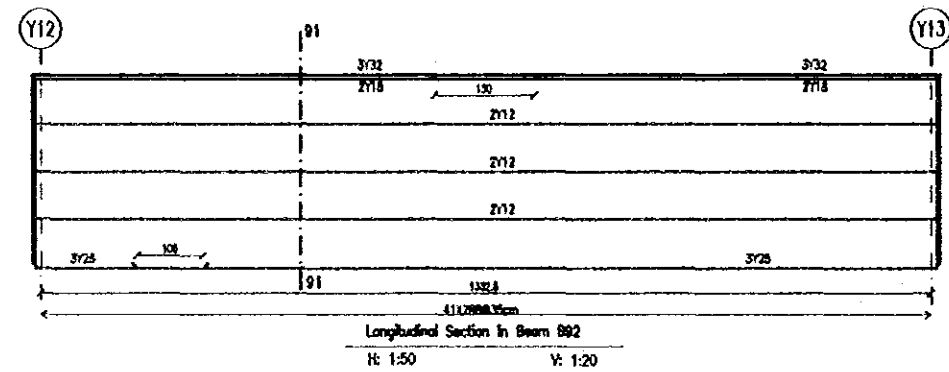
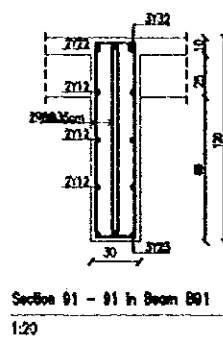
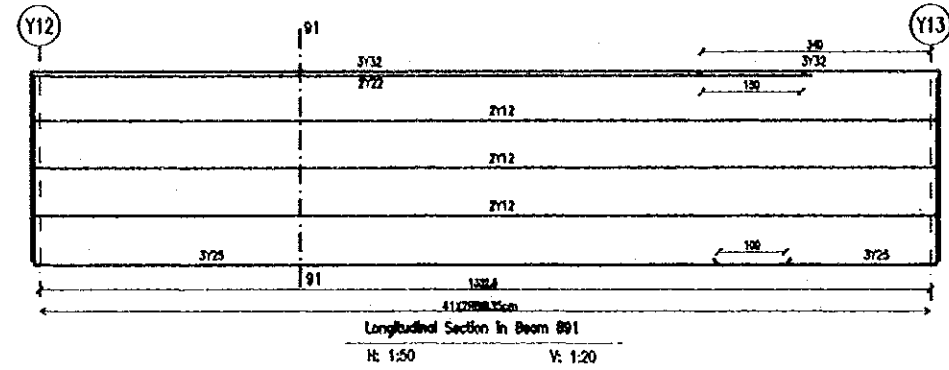
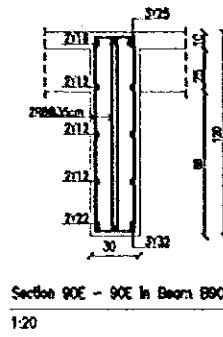
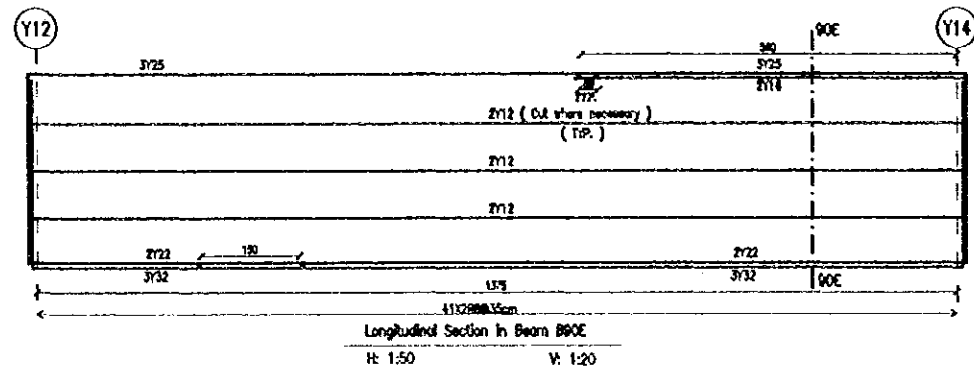


Tourism Sector Development Project  
In the Hashemite Kingdom of Jordan

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Raghadan Bus Terminal

Drawing Title:  
THIRD Floor Slab Beams  
R.C Details - ZONE 5

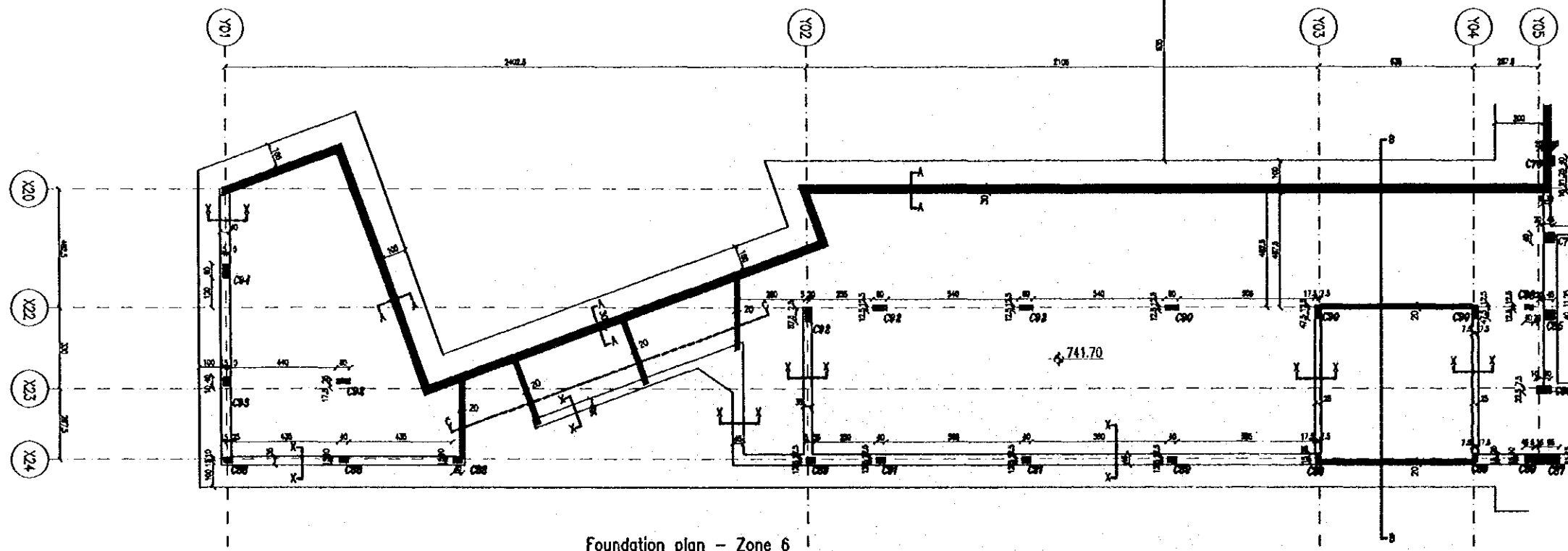
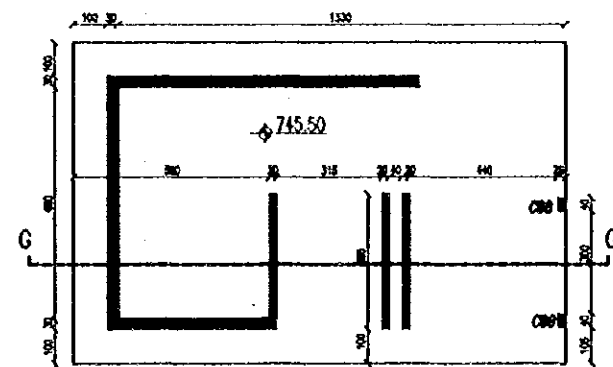
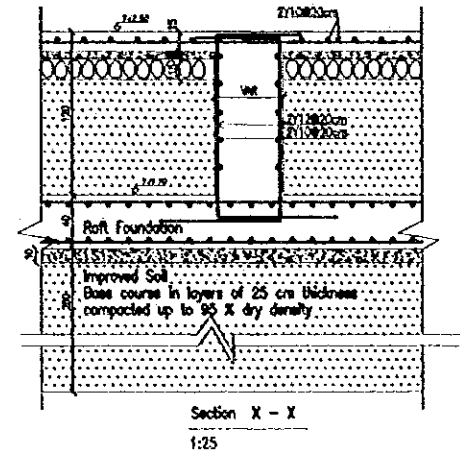
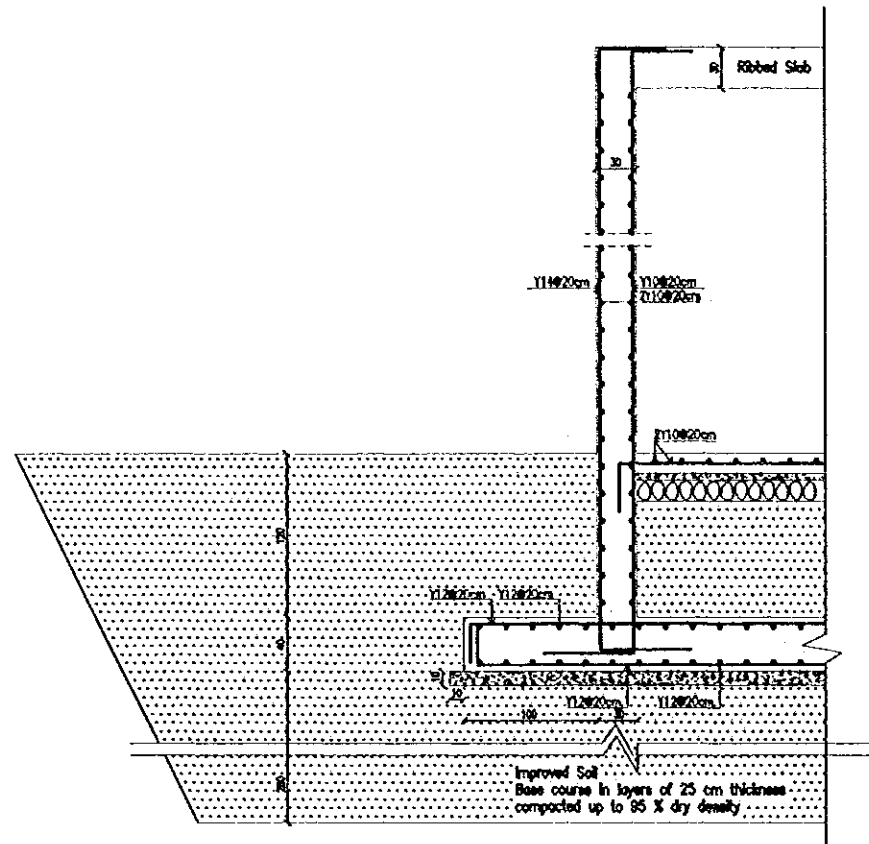
Scale: As shown Drawing No: RBT, S543-3

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 • For detail of section G - G see drawing No. S610  
 • For detail of section C - C see drawing No. S609



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Architects Engineers

Raghadan Bus Terminal  
Drawing Title:  
Foundation Plan And R.C  
Details - ZONE 6

Scale: 1:100  
Drawing No: RBT. S610-1

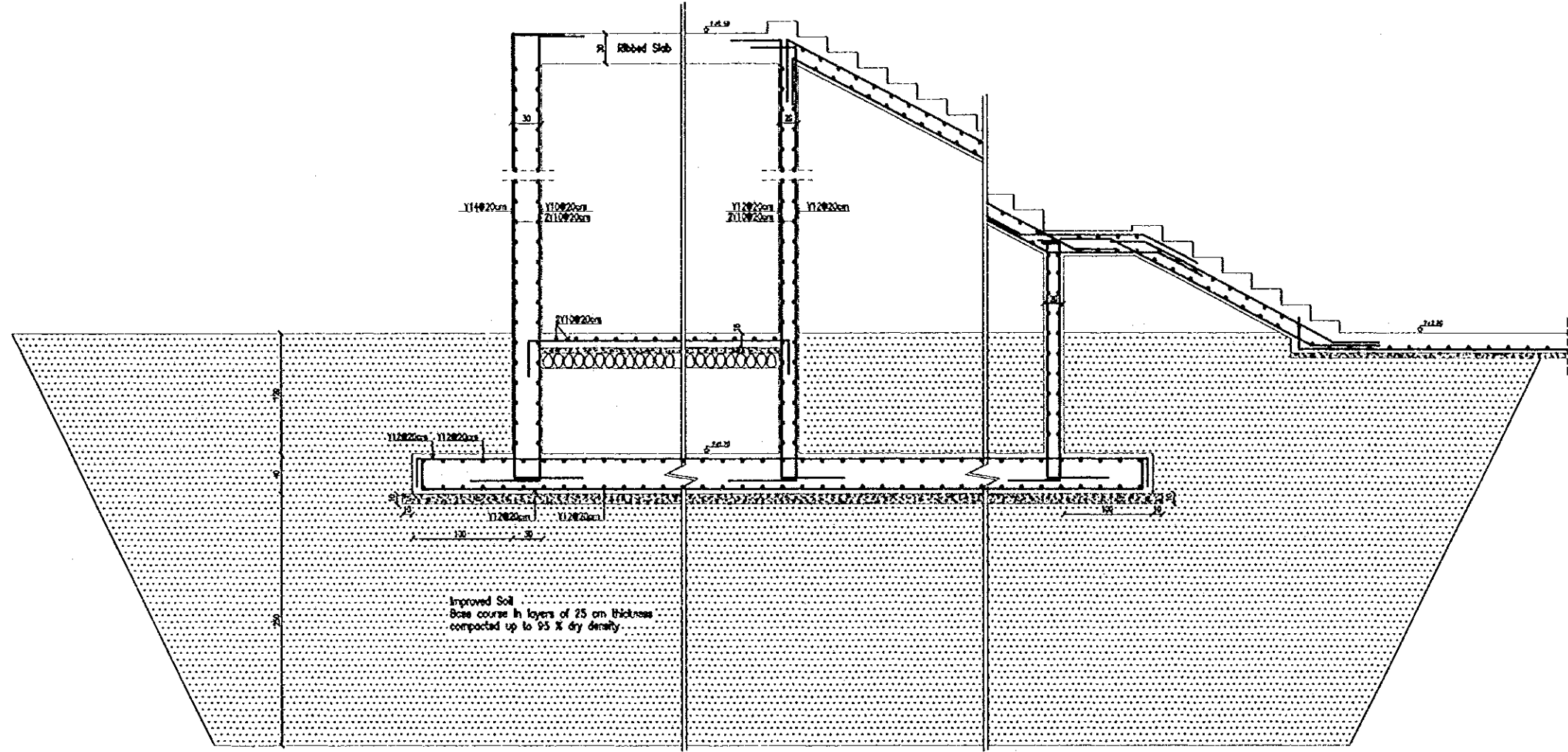


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Section B - B  
1:25

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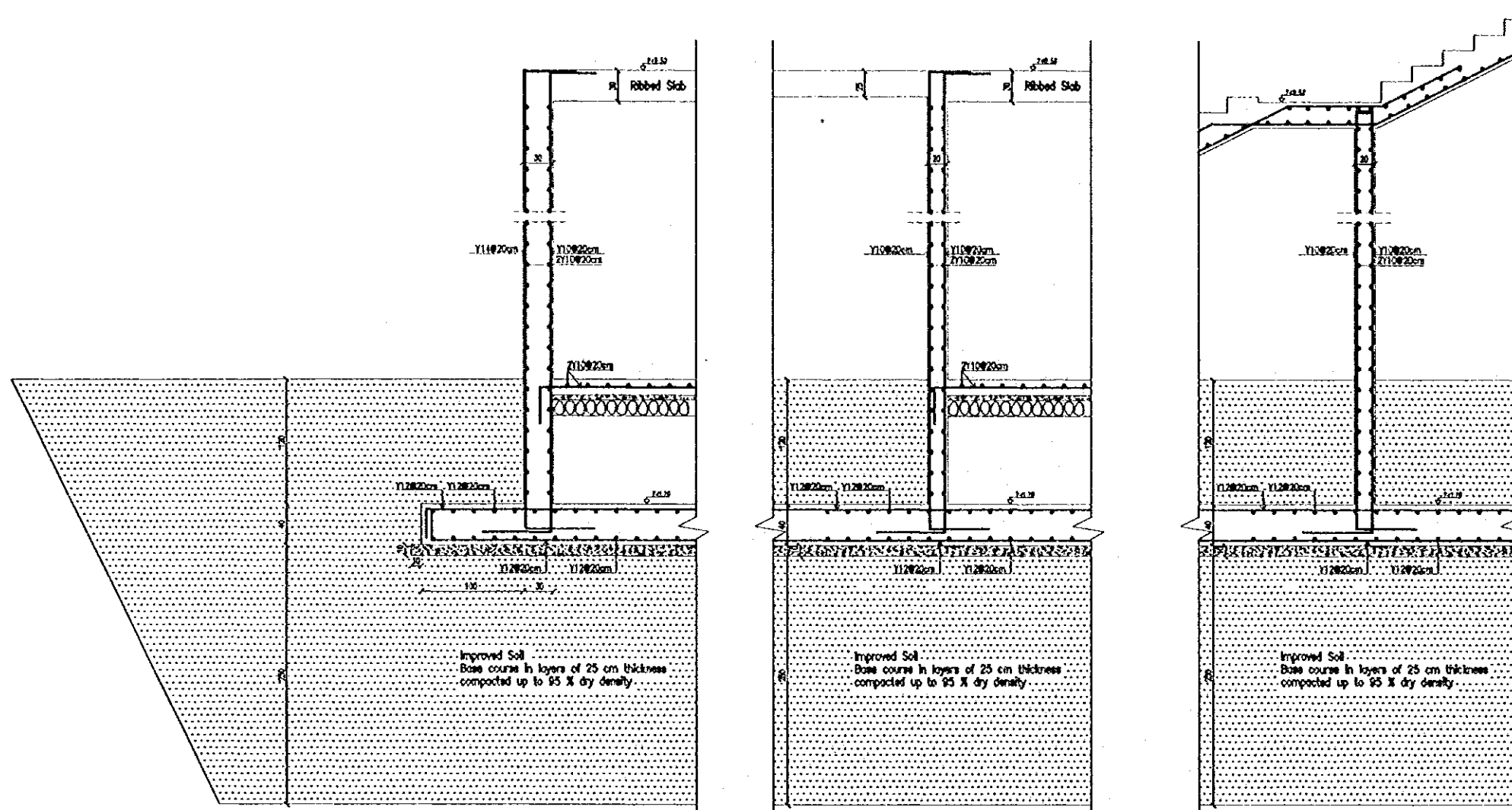

Raghadon Bus Terminal  
Drawing Title:  
Foundation R.C Details  
ZONE 6

Scale: 1:25  
Drawing No: RBT. S610-2

Tourism Sector Development Project  
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Section A - A  
1:25

Section C - C  
1:25

Section D - D  
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Raghadan Bus Terminal  
Drawing Title:  
Foundation R.C Details  
ZONE 6

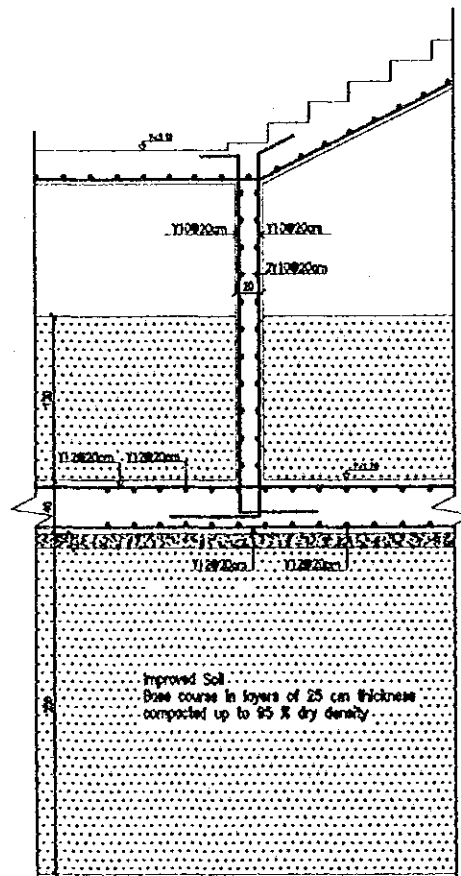
Scale:  
1:25 Drawing No.: RBT. S610-3

Tourism Sector Development Project  
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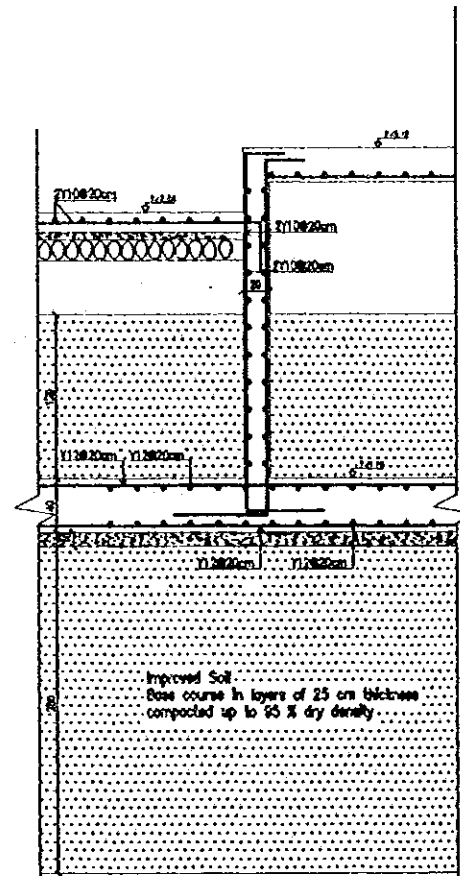
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Sub-Project:  
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Section E - E  
1:25



Section F - F  
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Raghadan Bus Terminal

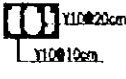
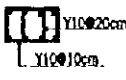

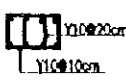



Drawing Title:

Foundation R.C Details  
ZONE 6

Scale:  
1:25

Drawing No.:  
RBT. S610-4

**COLUMNS SCHEDULE**

FLOOR COLUMN NO.	REMARKS	Ground floor
C88	SIZE ( cm )	40x25
	REINFORCEMENT	8Y12
		
	STIRRUPS	As shown
C89	SIZE ( cm )	40x25
	REINFORCEMENT	8Y25
		
	STIRRUPS	As shown
C90	SIZE ( cm )	60x25
	REINFORCEMENT	12Y22
		
	STIRRUPS	As shown
C91	SIZE ( cm )	40x25
	REINFORCEMENT	8Y32
		
	STIRRUPS	As shown
C92	SIZE ( cm )	60x25
	REINFORCEMENT	12Y14
		
	STIRRUPS	As shown
C93	SIZE ( cm )	40x25
	REINFORCEMENT	8Y20
		
	STIRRUPS	As shown
C94	SIZE ( cm )	60x25
	REINFORCEMENT	12Y32
		
	STIRRUPS	As shown

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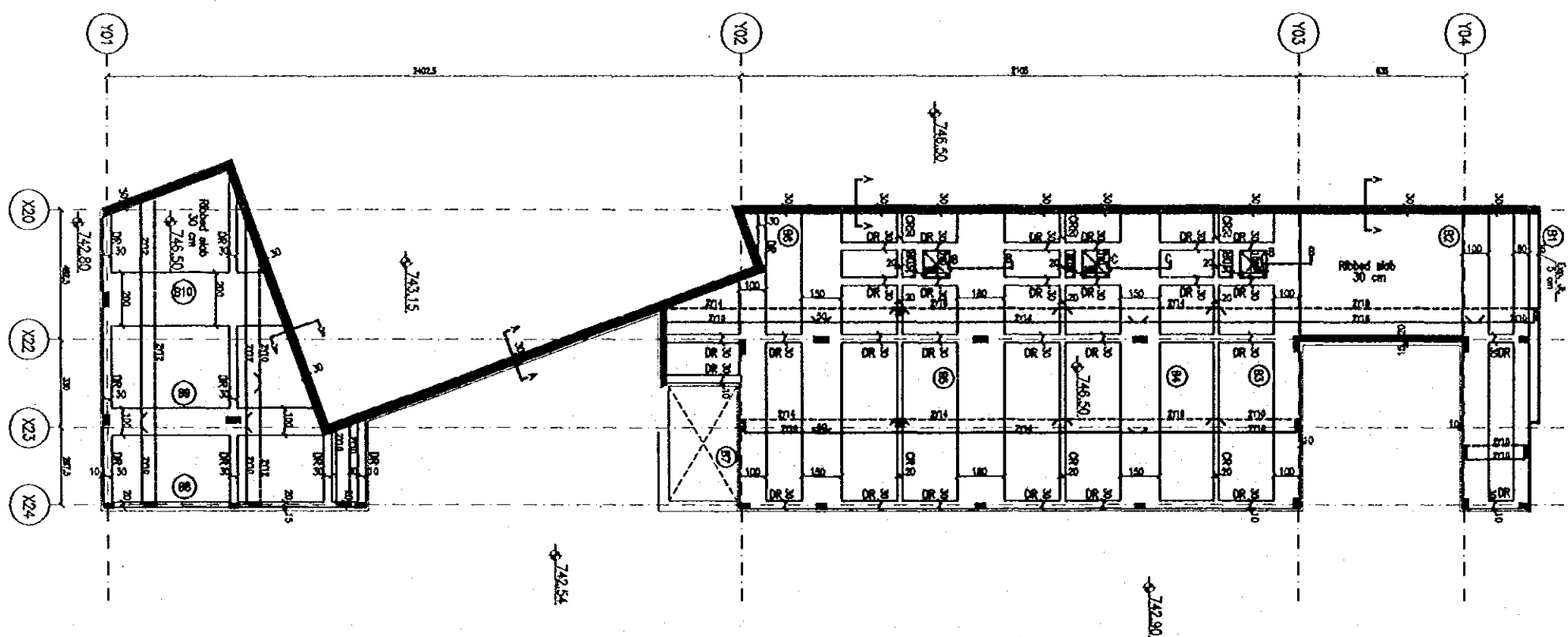
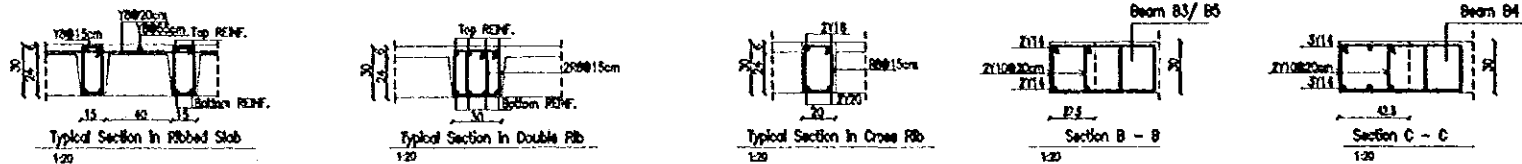
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Raghadan Bus Terminal

Drawing Title:  
Columns R.C Details  
ZONE 6

Scale: 1:20 Drawing No.: RBT. S620



First floor slab framing plan - Zone 6  
1:100

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Architects, Engineers

Raghadan Bus Terminal

Drawing Title:  
First Floor Slab Framing  
And R.C Details - ZONE 6

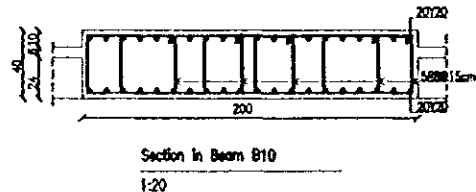
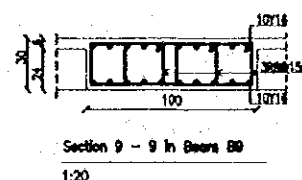
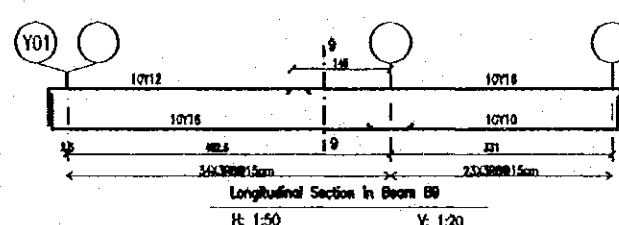
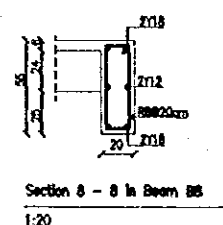
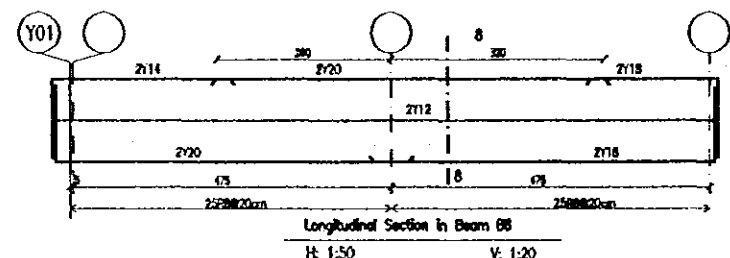
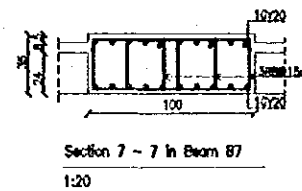
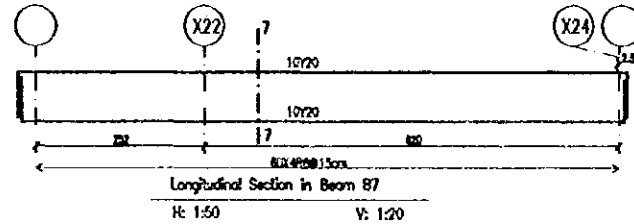
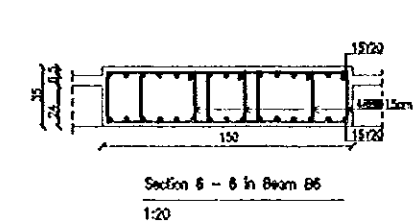
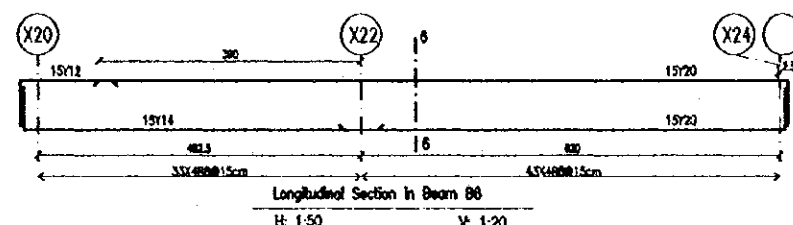
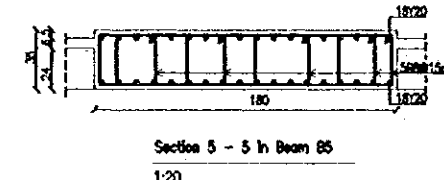
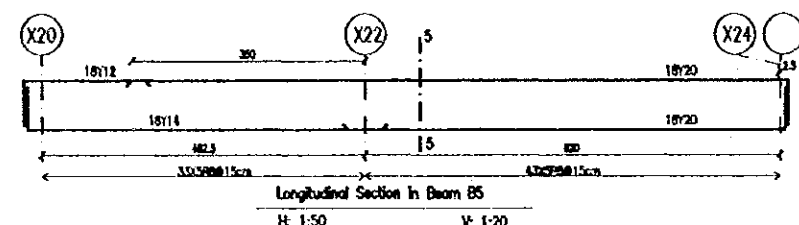
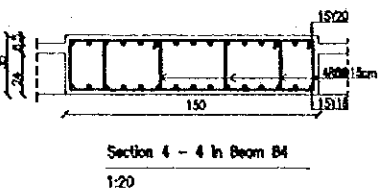
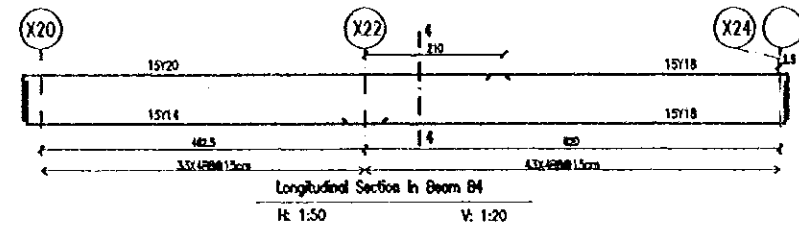
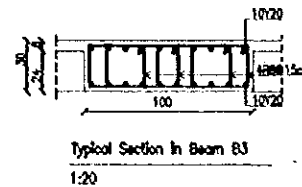
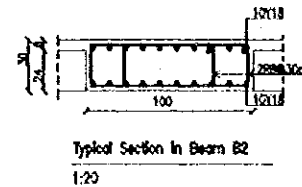
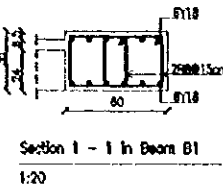
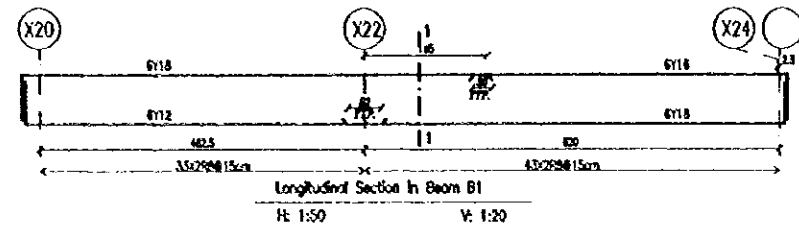
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Tourism Sector Development Project  
In the Hashemite Kingdom of Jordan

The Government of  
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The Ministry of Tourism and Antiquities  
The Ministry of Planning

Sub-Project:  
Amman Downtown  
Tourist Zone Development

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Raghadan Bus Terminal  
Drawing Title:  
First Floor Slab Beams  
R.C Details - ZONE 6

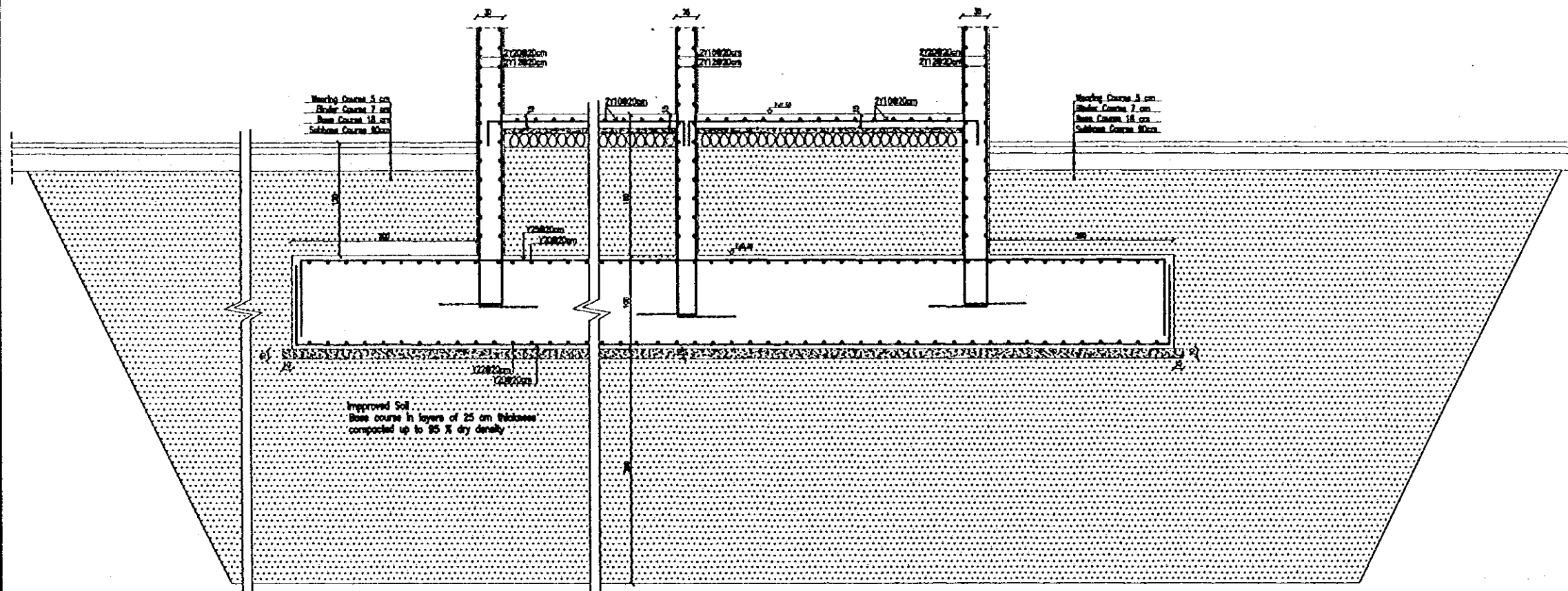
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As shown Drawing No:  
RBT. S641

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Sub-Project:  
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Section A - A  
1:25

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TIBAH Consultants  
Architects, Engineers

مهندسين معماريين ومهندسين  
TIBAH Consultants

Raghadan Bus Terminal

Drawing Title:

Foundation R.C Details  
ZONE 7&8

Scale:  
1:25

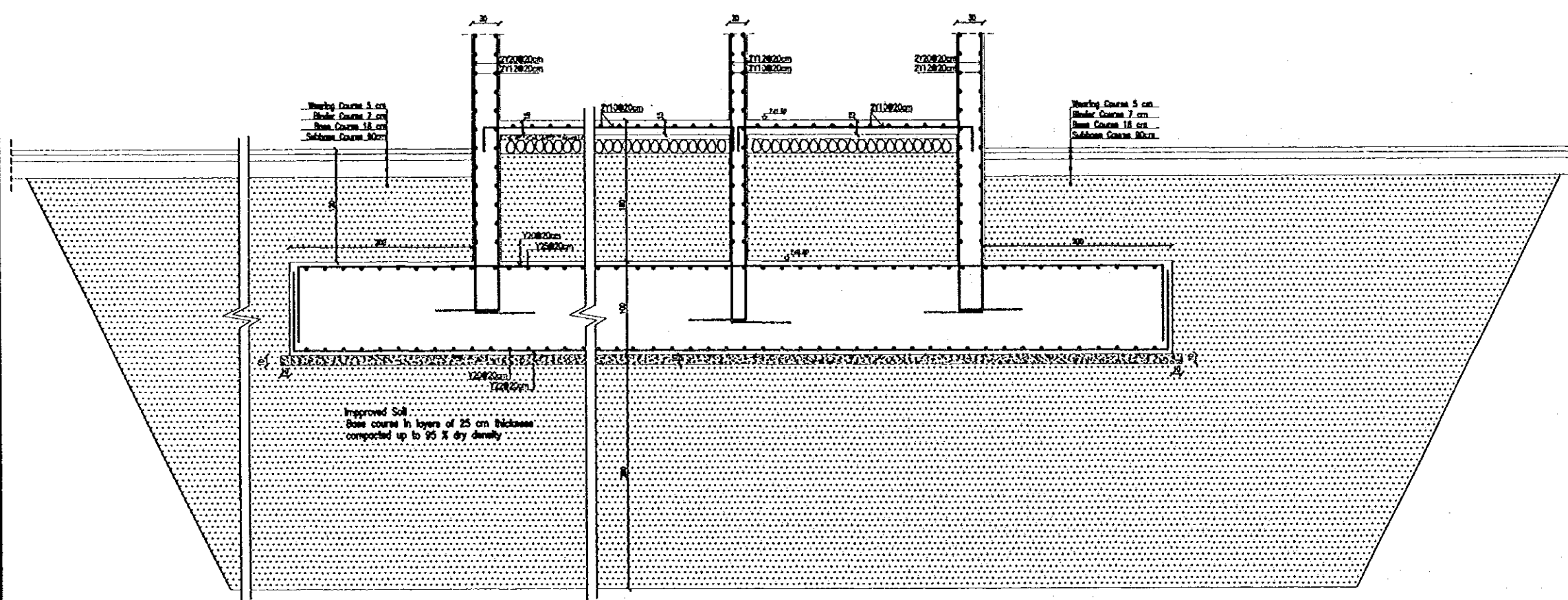
Drawing No.:  
RBT. S710-1

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Amman Downtown  
Tourist Zone Development

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Section B - B  
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Subcontracted Local Consultant:  
TIBAH Consultants  
Architects, Engineers

Raghadan Bus Terminal  
Drawing Title:  
Foundation R.C Details  
ZONE 7&8

Scale: 1:25  
Drawing No: RBT - S710-2



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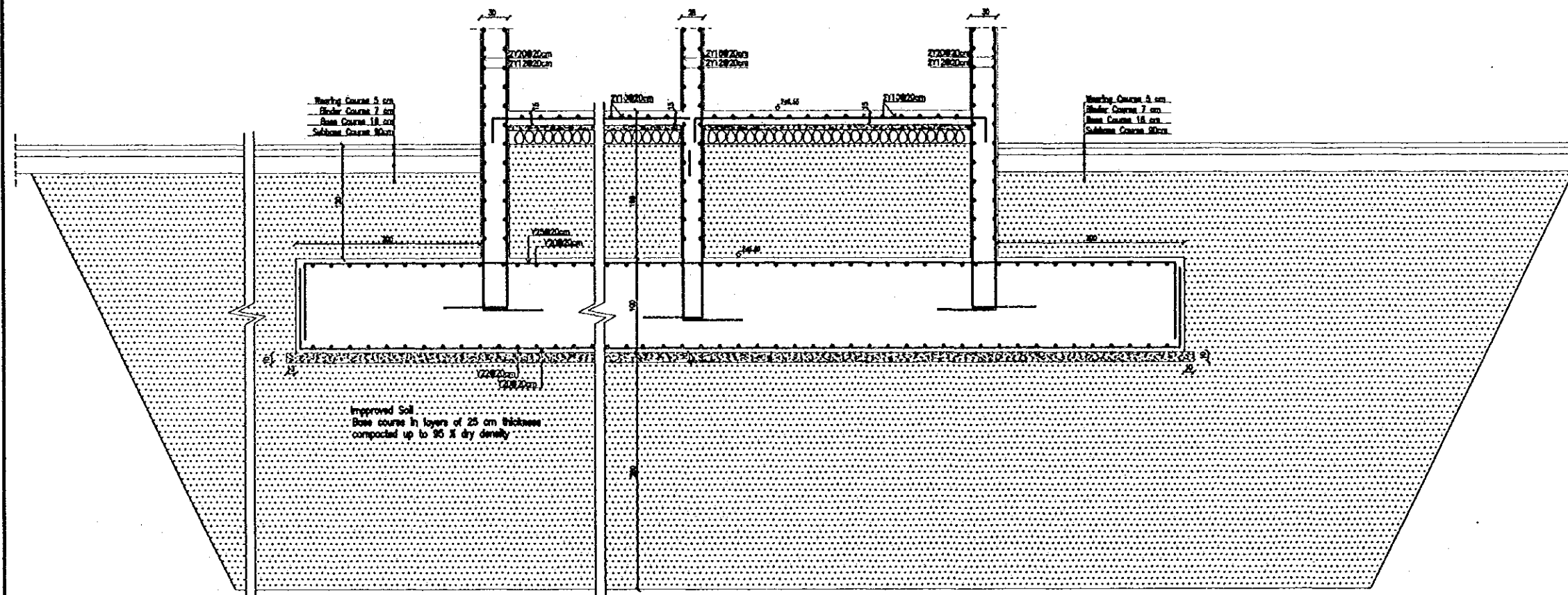
JICA Study Team:  
Joint Venture of  
Pacific Consultants International and  
Yamato Seiki, Inc.

Subcontracted Local Consultant:  
TIBAN Consultants  
Architects, Engineers

Raghadan Bus Terminal

Drawing Title:  
Foundation R.C Details  
ZONE 7&8

Scale: 1:25 Drawing No: RBT. S710-3



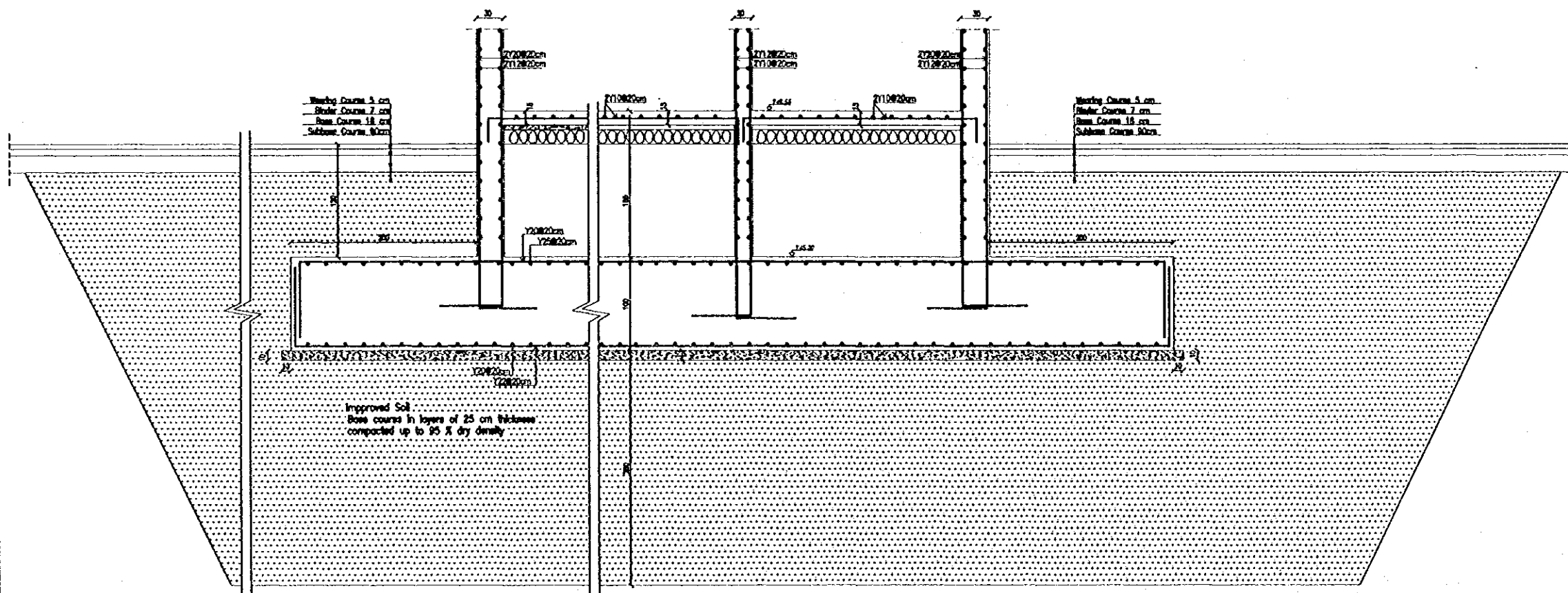
Section C - C  
1:25

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Sub-Project:  
Amman Downtown  
Tourist Zone Development

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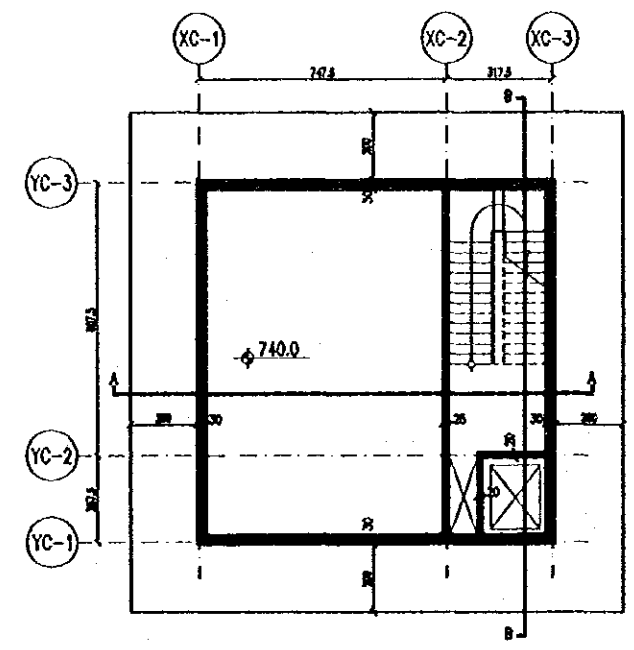
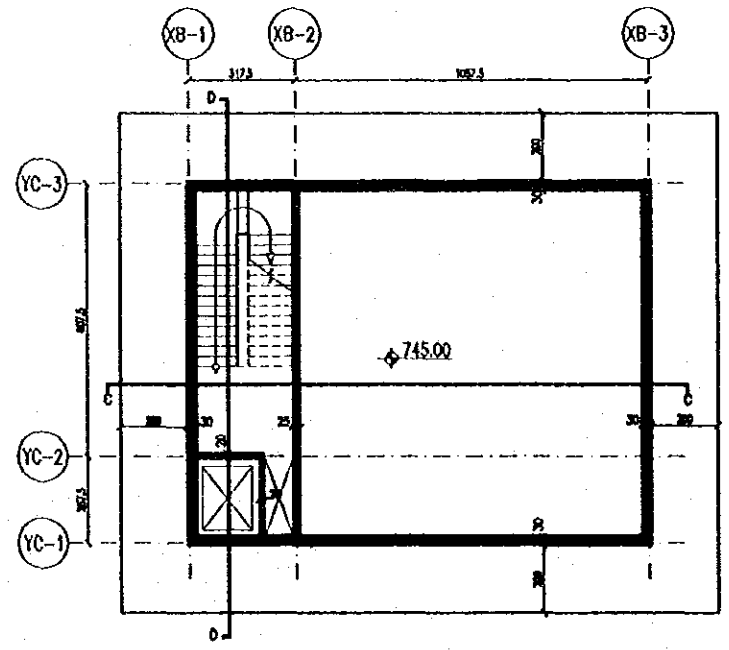
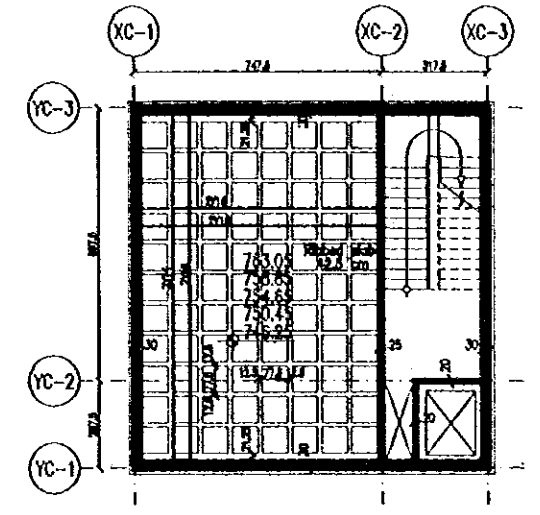
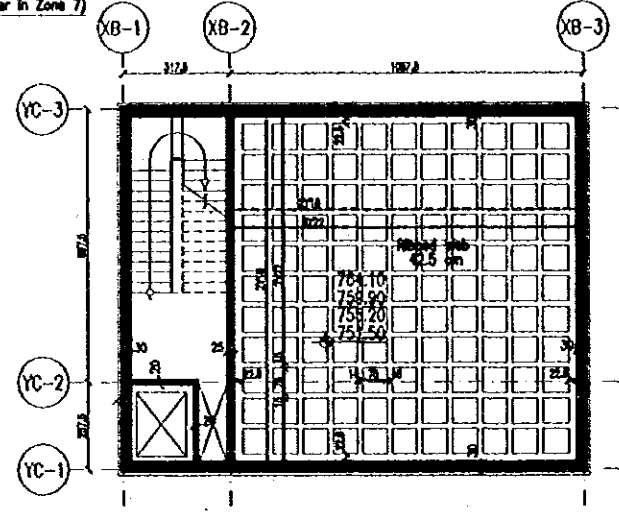
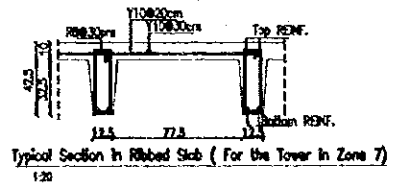
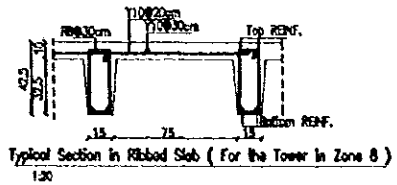
Section D - D  
1:25

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Raghadan Bus Terminal

Drawing Title:  
Foundation R.C Details  
ZONE 7&8

Scale: 1:25 Drawing No: RBT. S710-4



Tourism Sector Development Project  
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The Ministry of Tourism and Antiquities  
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Sub-Project:  
Amman Downtown  
Tourist Zone Development

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• All requirements for improved soil strata shall be accomplished prior to starting any concreting activities.

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Raghadan Bus Terminal  
Drawing Title:  
Towers R.C Details  
ZONE 7 & 8

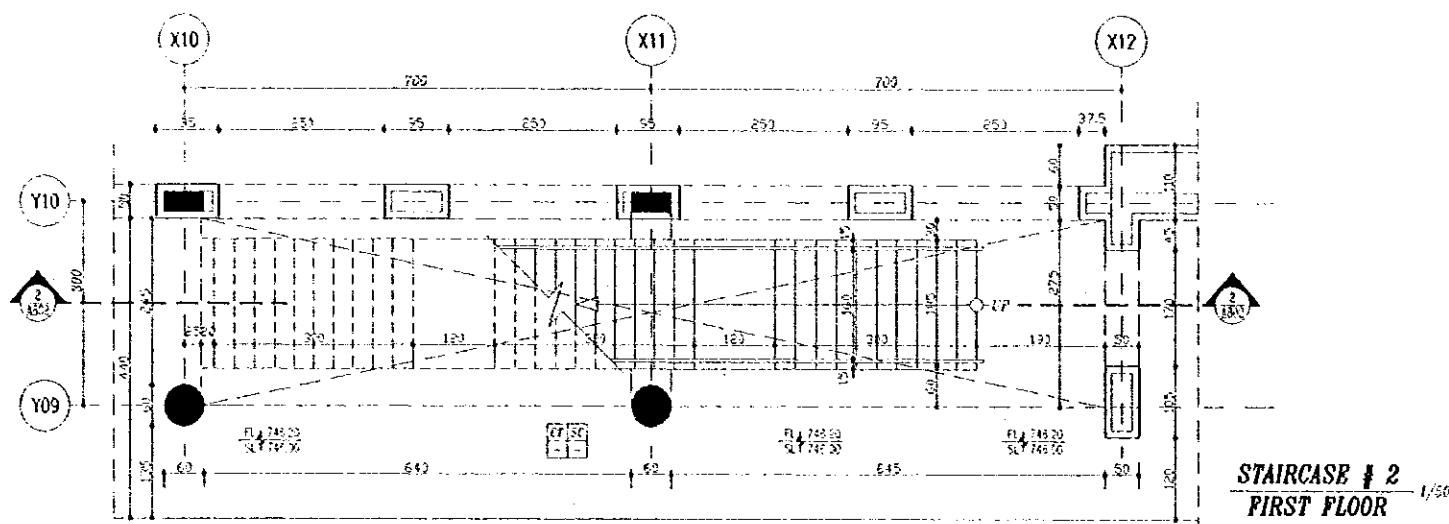
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Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

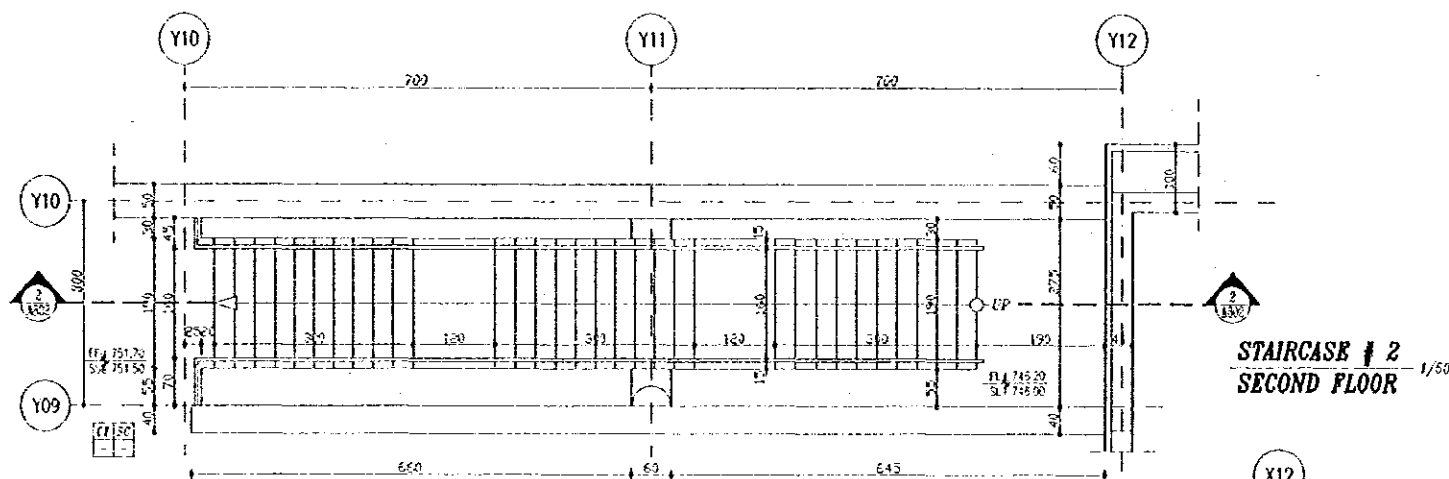
The Government of  
the Hashemite Kingdom of Jordan  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

Sub-Project:  
Amman Downtown  
Tourist Zone Development

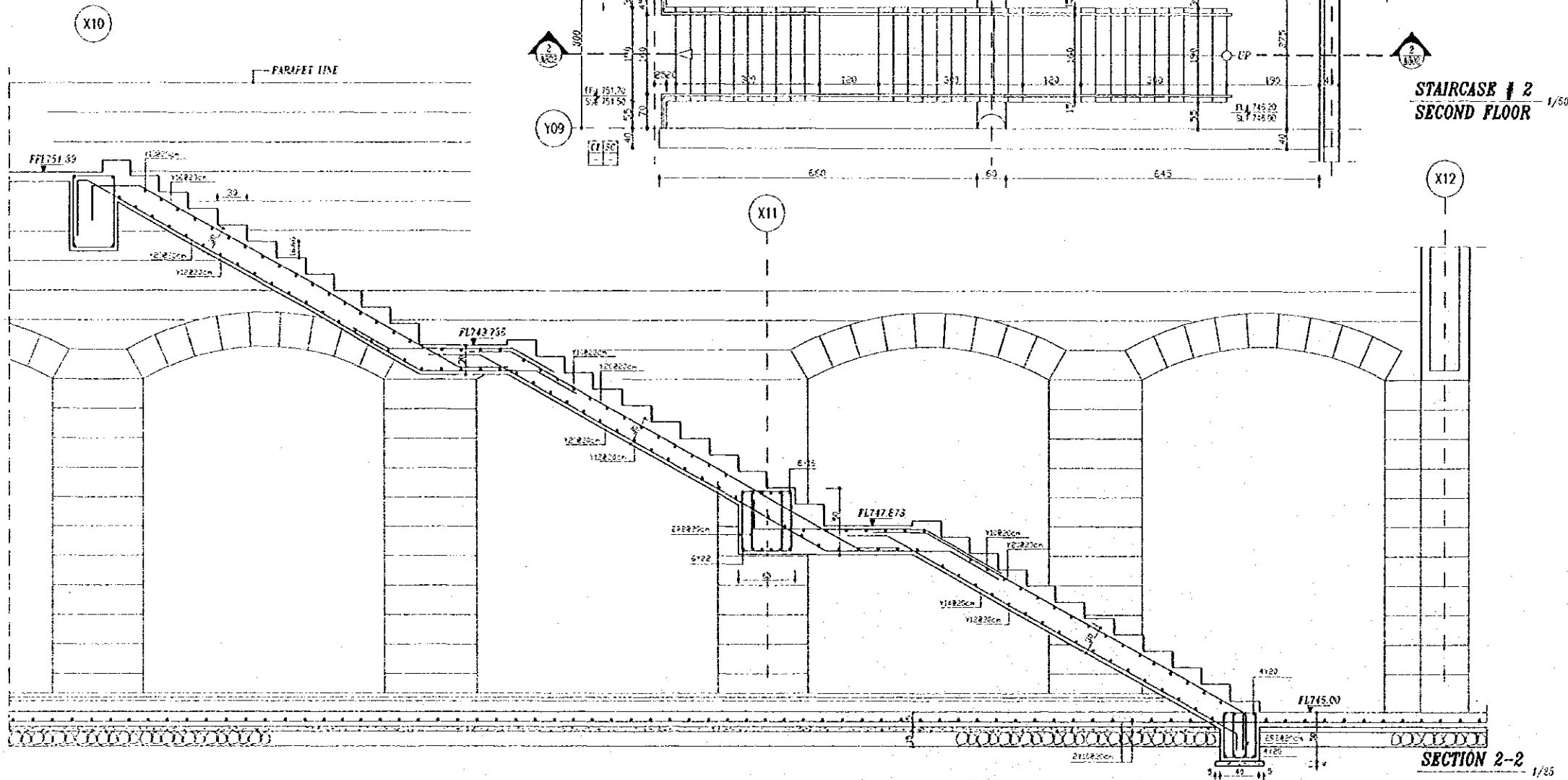
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**FIRST FLOOR** 1/50



**STAIRCASE # 2**  
**SECOND FLOOR** 1/50



**SECTION 2-2** 1/25

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Raghadan Bus Terminal  
Drawing Title:  
**STAIRCASE R.C DETAILS**

Scale: VAR Drawing No: RBT . S801

Tourism Sector Development Project  
 In the Hashemite Kingdom of Jordan  
 The Government of  
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 The Ministry of Tourism and Antiquities  
 The Ministry of Planning

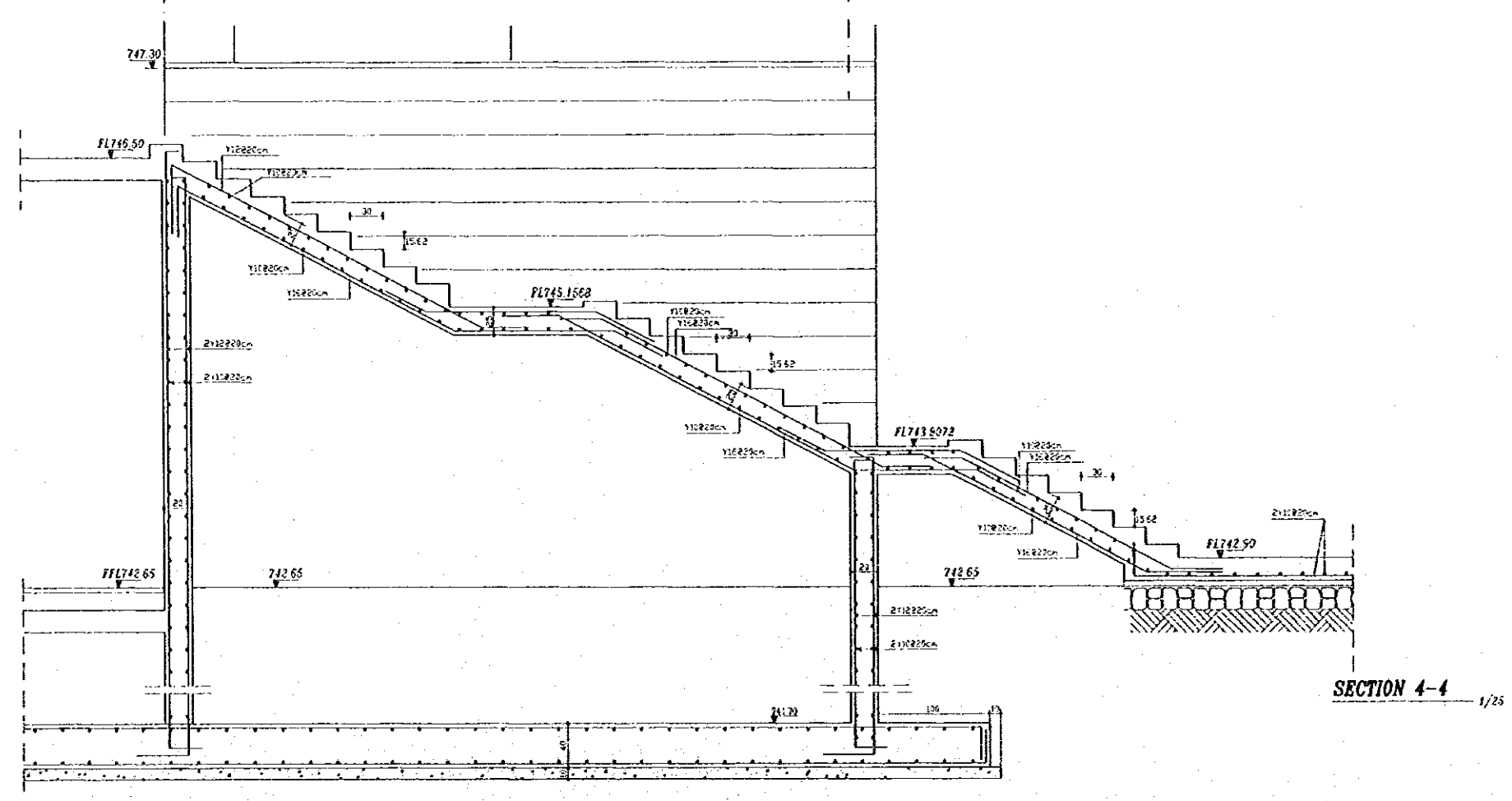
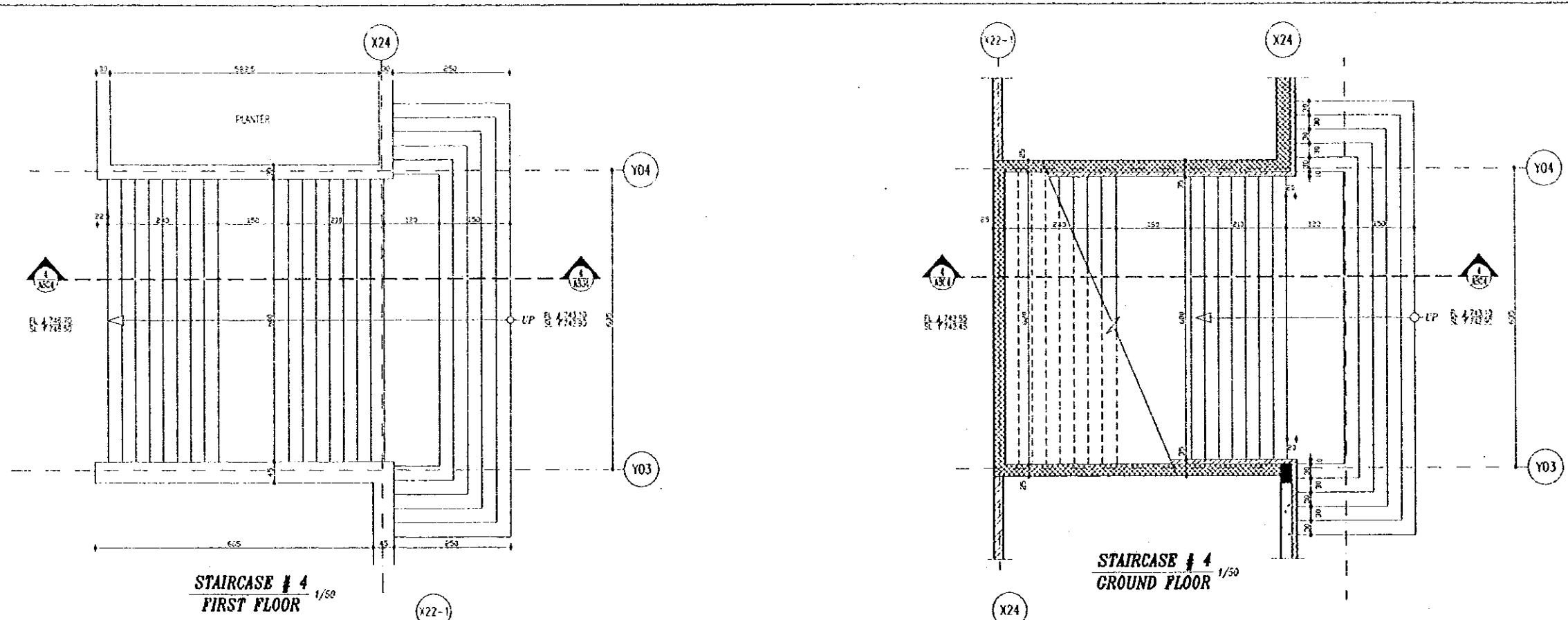
Sub-Project:  
 Amman Downtown  
 Tourist Zone Development

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Raghadan Bus Terminal  
 Drawing Title:  
 STAIRCASE R.C DETAILS

Scale: VAR Drawing No.: RBT.S802



Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

The Government of  
the Hashemite Kingdom of Jordan  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

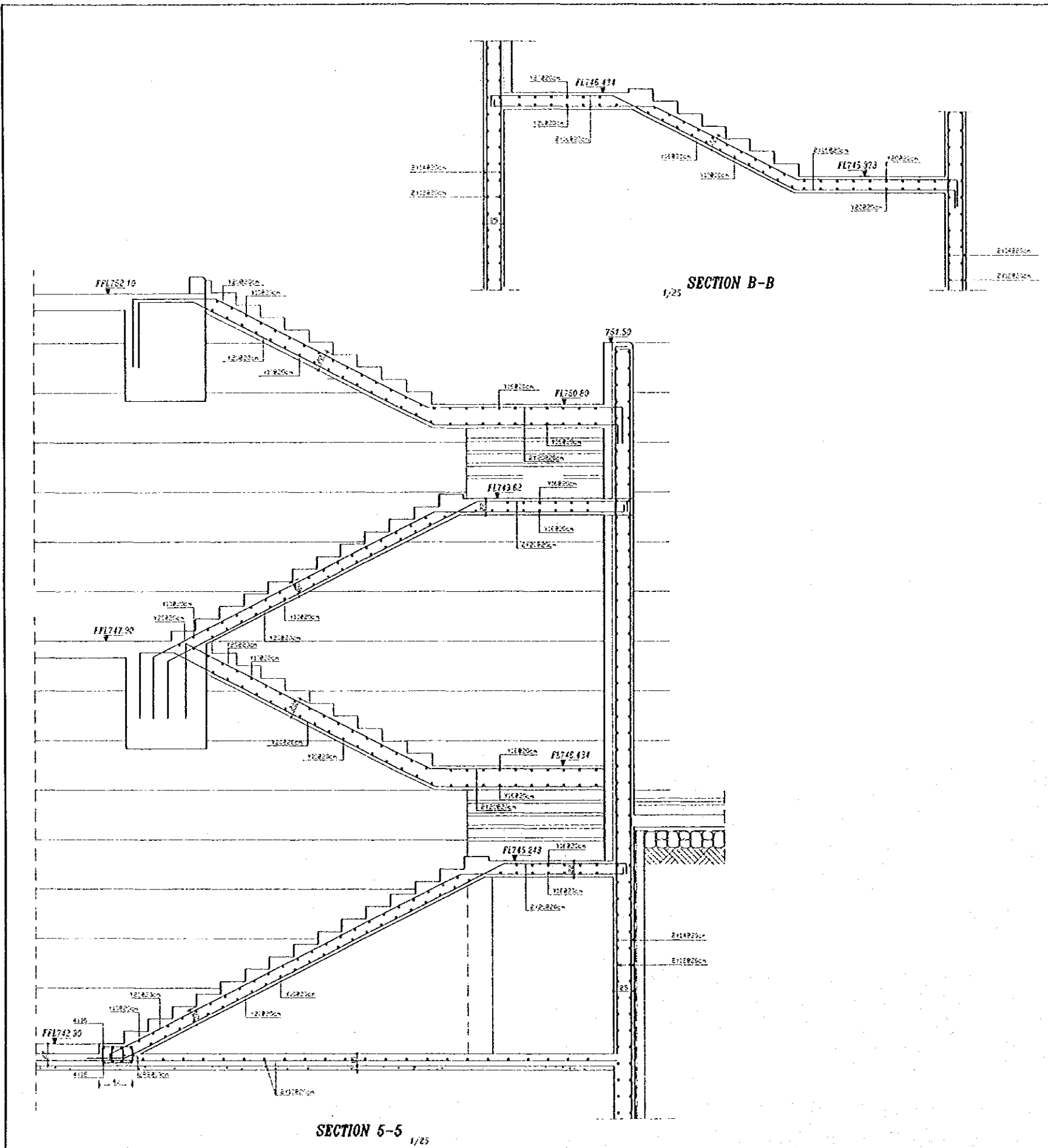
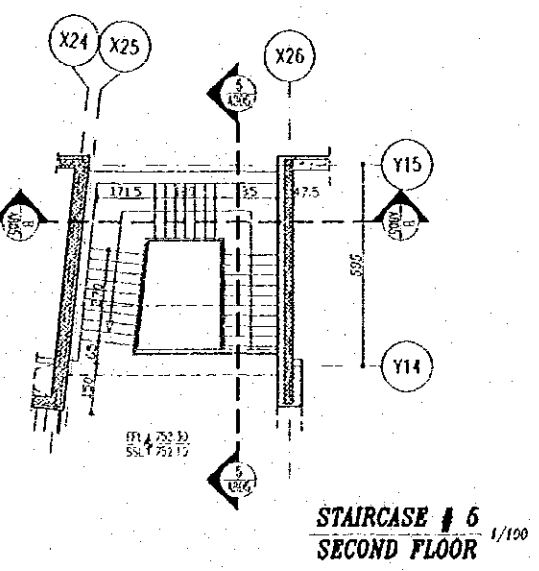
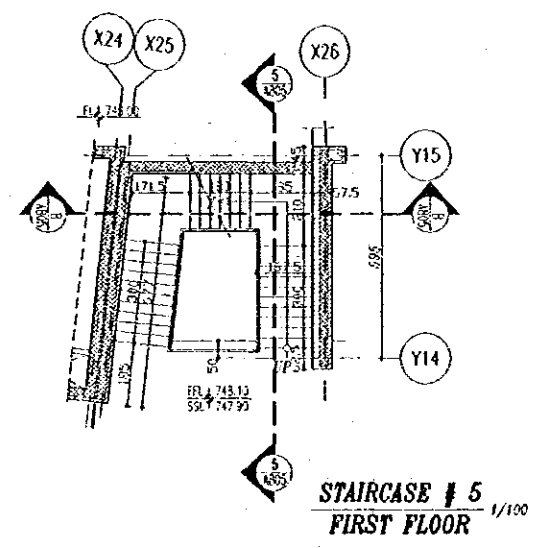
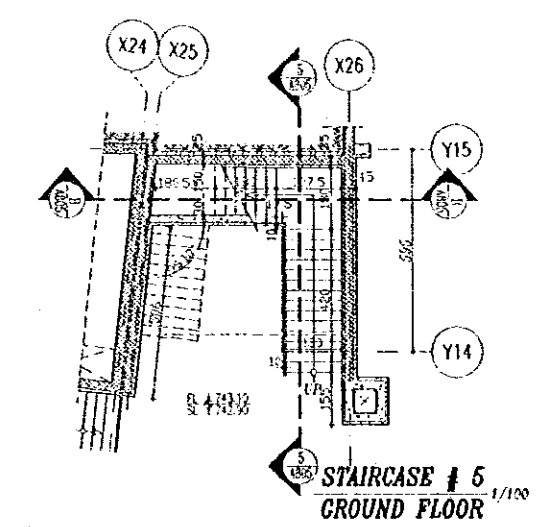
Sub-Project:  
Amman Downtown  
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Architects, Engineers

Raghadan Bus Terminal  
Drawing Title:  
STAIRCASE R.C DETAILS

Scale: VAR Drawing No: RBT.S803

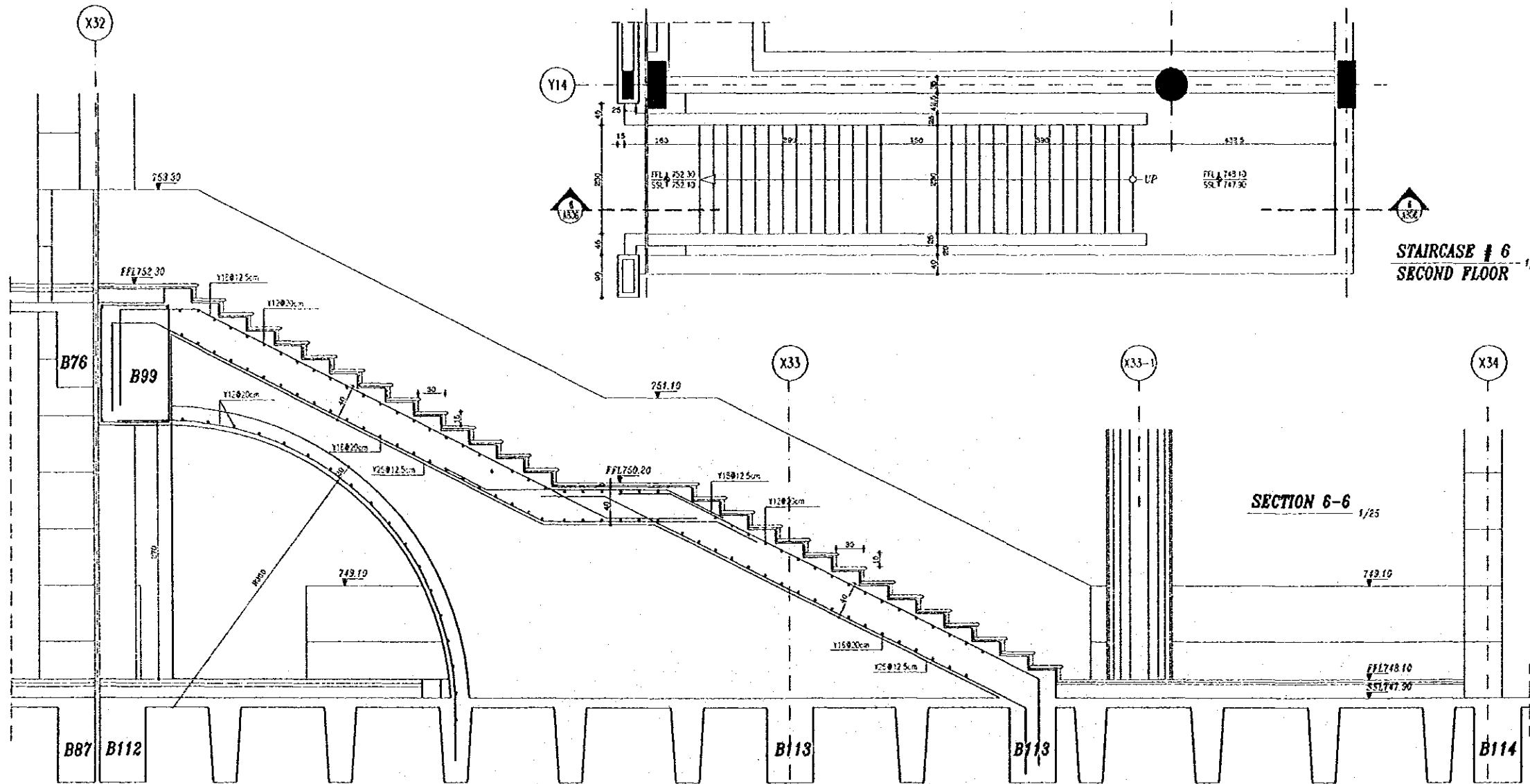
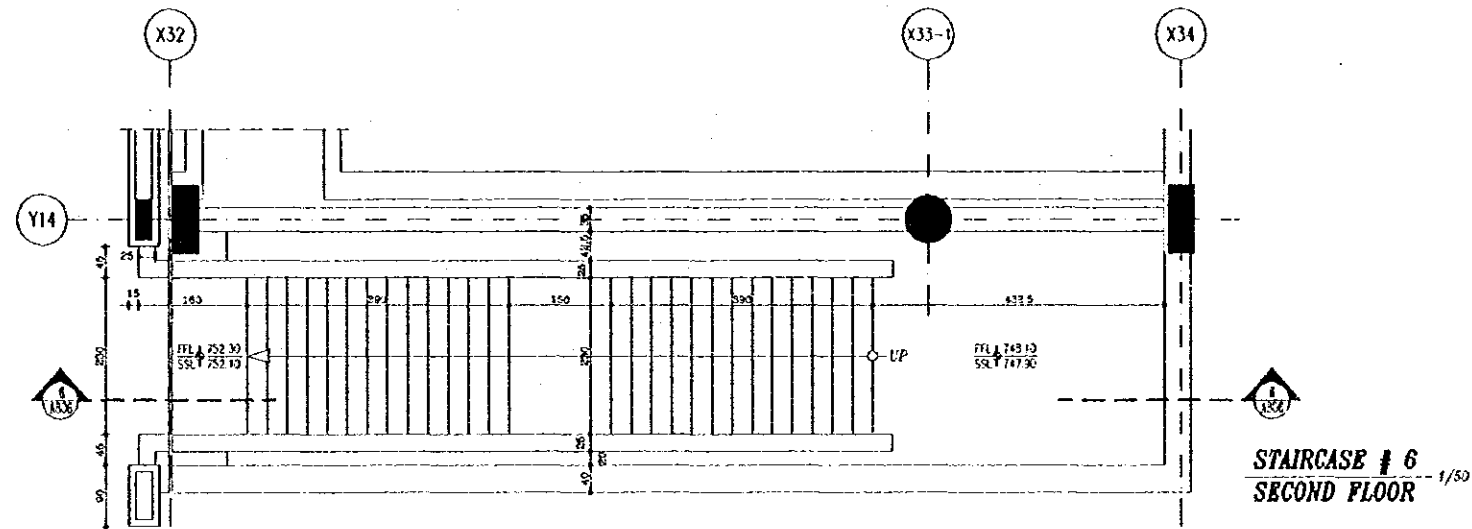
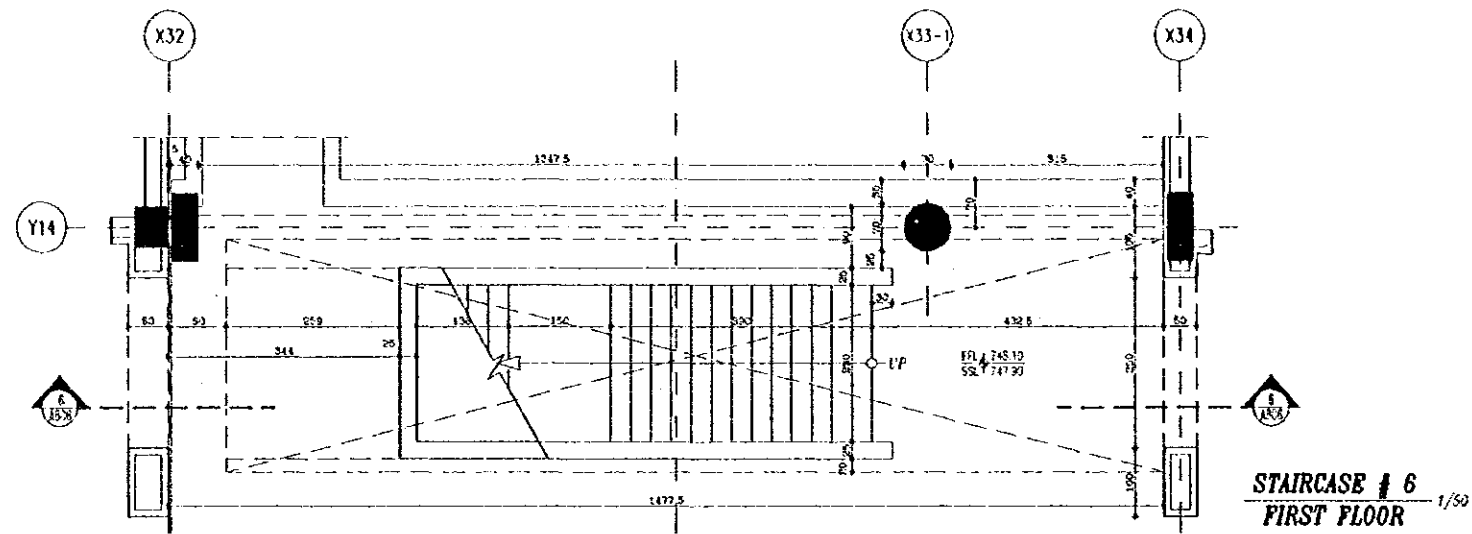


Tourism Sector Development Project  
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The Ministry of Planning

Sub-Project:  
Amman Downtown  
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Architects, Engineers

مستشارين محليين  
المهندسين المعماريين والمهندسين

Raghadan Bus Terminal

Drawing Title:

STAIRCASE R.C DETAILS

Scale:  
VAR

Drawing No.:  
RBT.S804

Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

The Government of  
the Hashemite Kingdom of Jordan  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

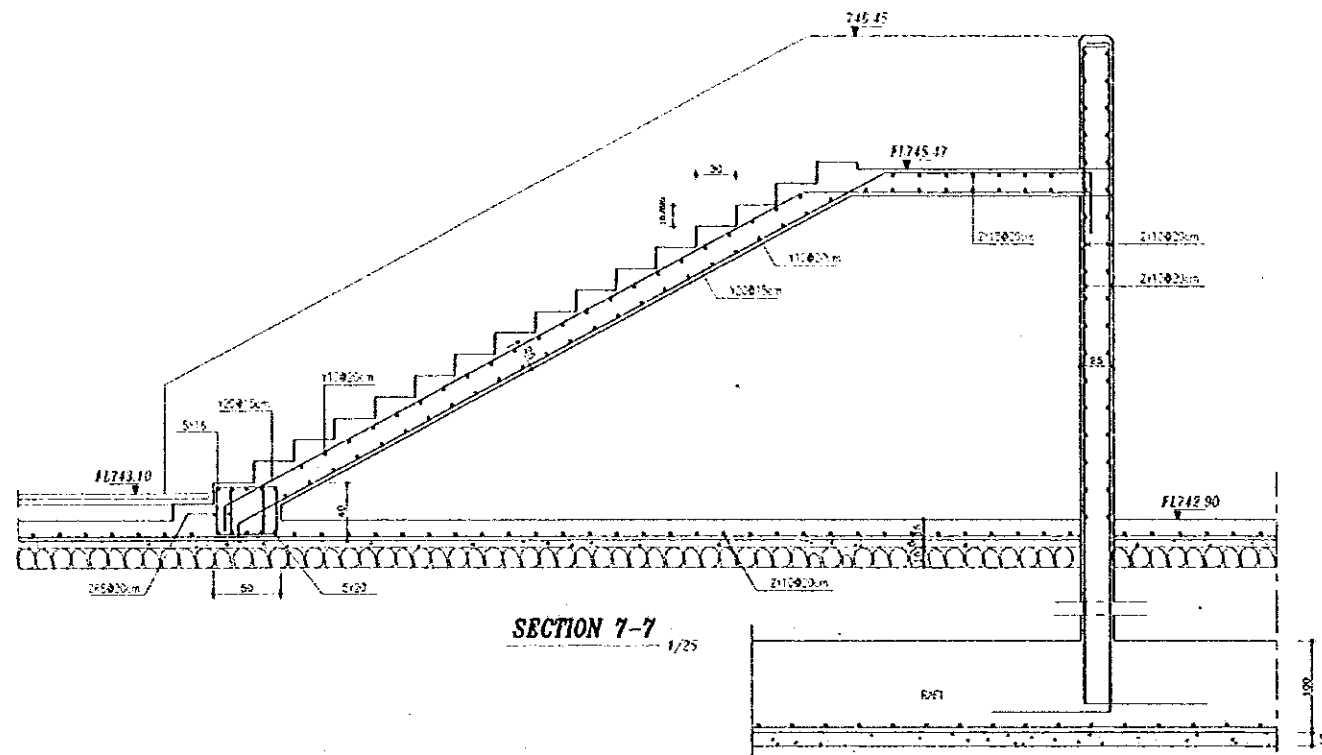
Sub-Project:  
Amman Downtown  
Tourist Zone Development

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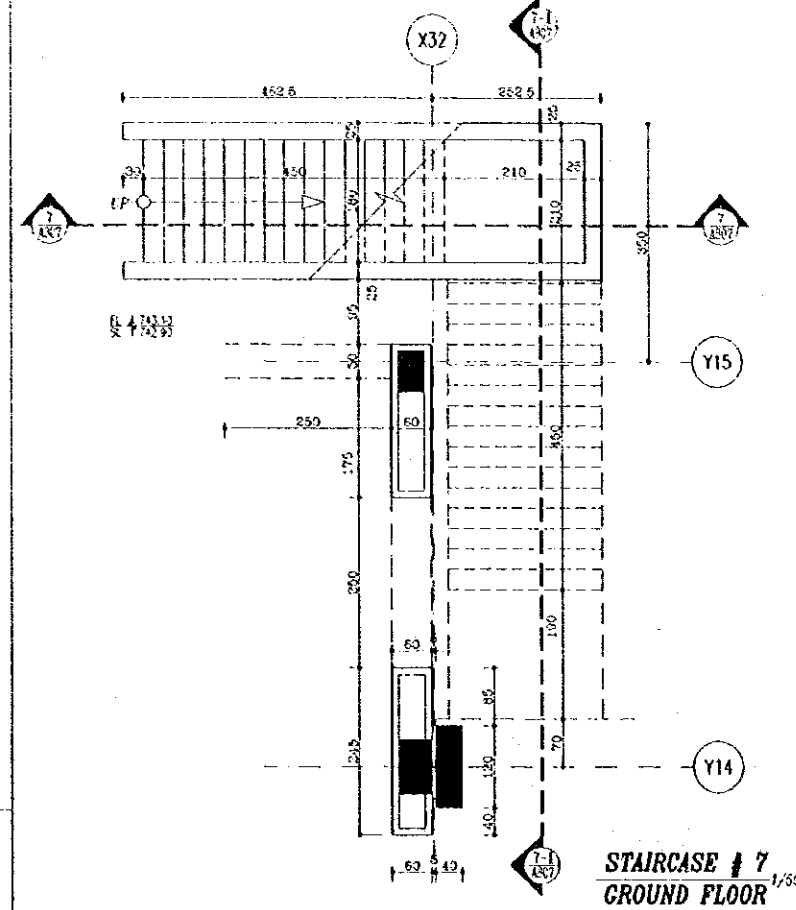
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Architects, Engineers

Raghadan Bus Terminal  
Drawing Title:  
STAIRCASE R.C. DETAILS

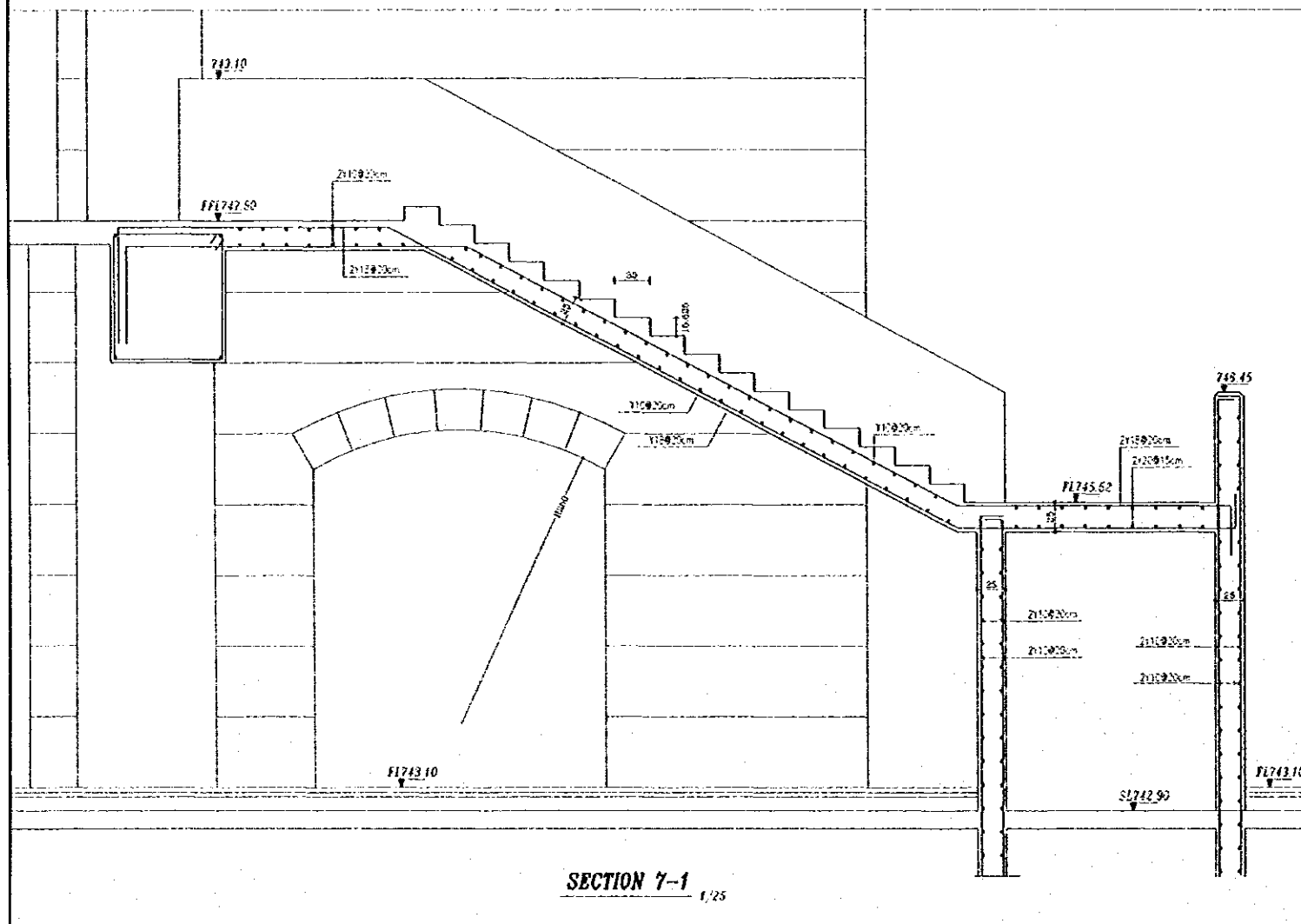
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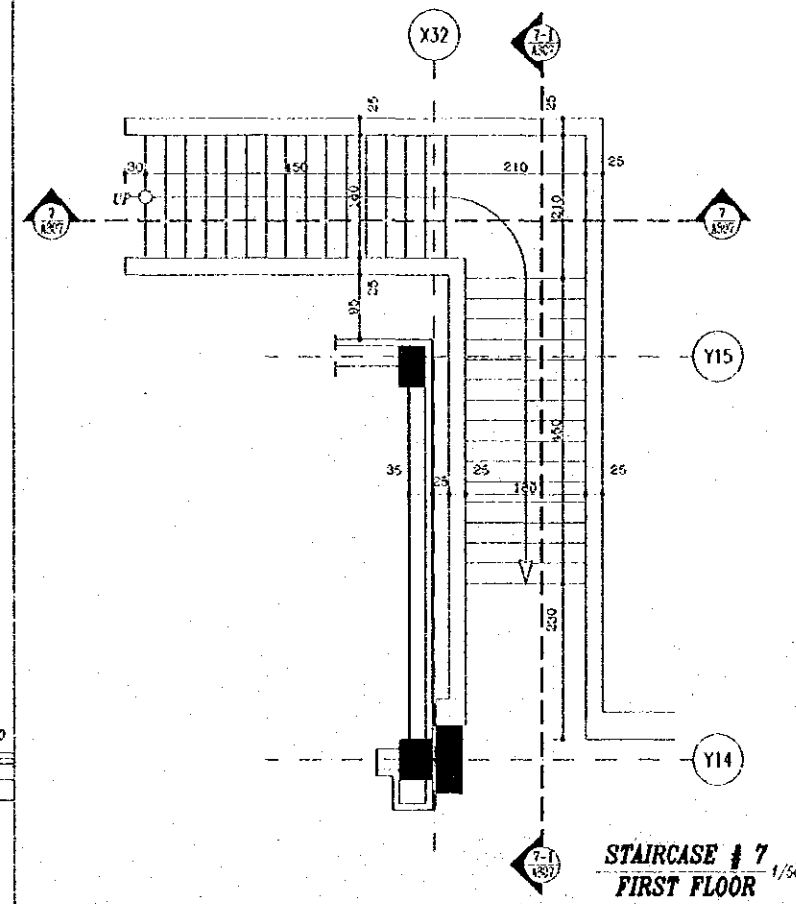
SECTION 7-7  
1/25



STAIRCASE # 7  
GROUND FLOOR  
1/50



SECTION 7-1  
1/25



STAIRCASE # 7  
FIRST FLOOR  
1/50



Tourism Sector Development Project  
in the Hashemite Kingdom of Jordan

The Government of  
the Hashemite Kingdom of Jordan  
The Ministry of Tourism and Antiquities  
The Ministry of Planning

Sub-Project:  
Amman Downtown  
Tourist Zone Development

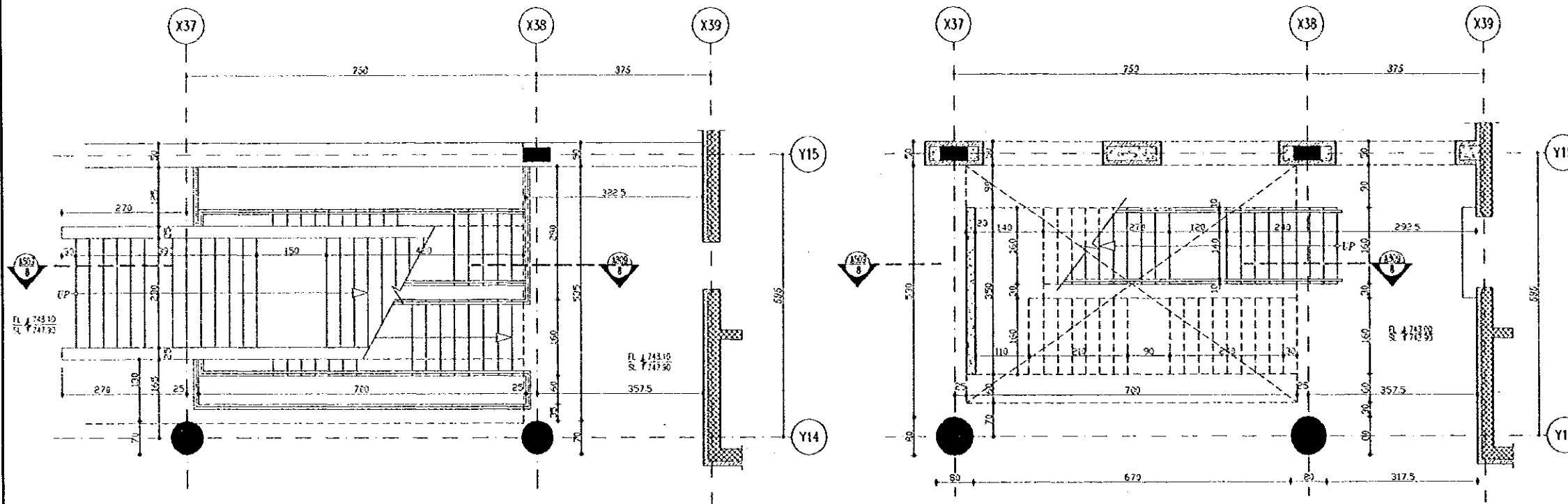
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Architects, Engineers  


Raghadan Bus Terminal

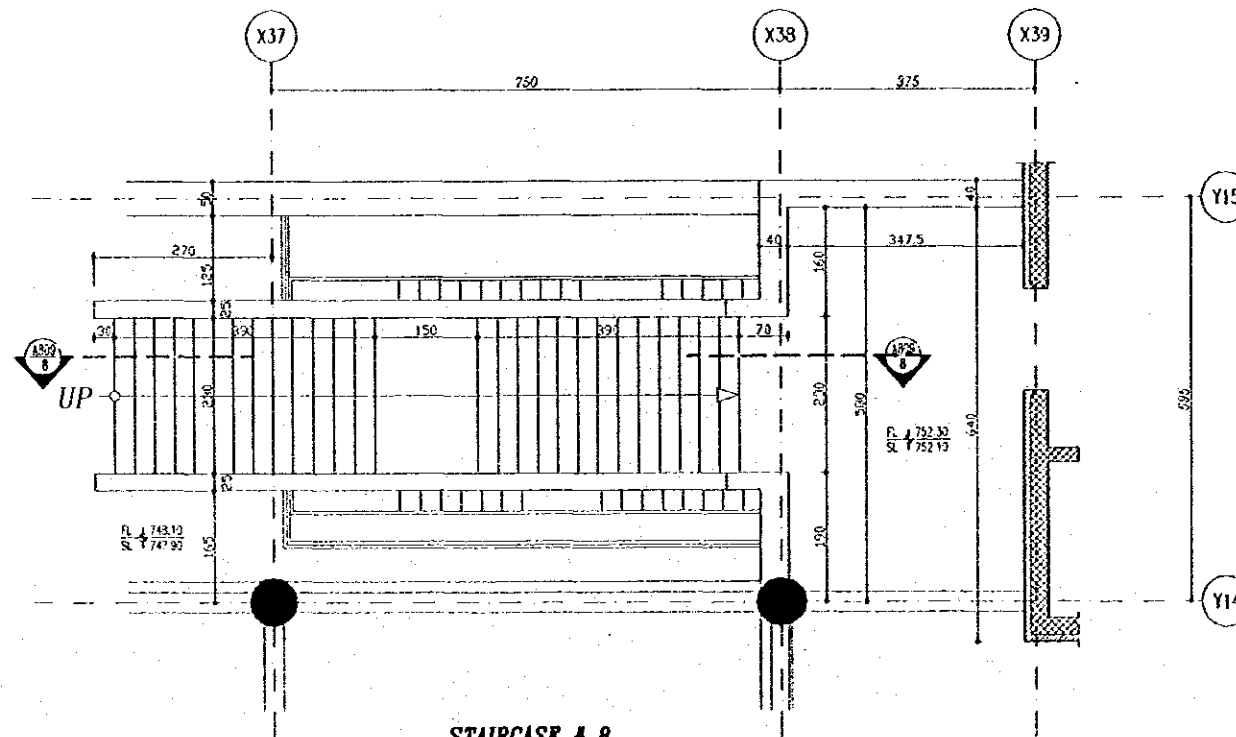
Drawing Title:  
STAIRCASE R.C. DETAILS

Scale: 1/50 Drawing No.: RBT . S806



STAIRCASE # 8  
FIRST FLOOR 1/50

STAIRCASE # 8  
GROUND FLOOR 1/50



STAIRCASE # 8  
SECOND FLOOR 1/50

Tourism Sector Development Project  
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The Ministry of Planning

Sub Project:  
Amman Downtown  
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Architects, Engineers

Raghadan Bus Terminal

Drawing Title:

STAIRCASE R.C DETAILS  
SECTION 8-8

Scale:  
1/25

Drawing No.:  
RBT.S807

