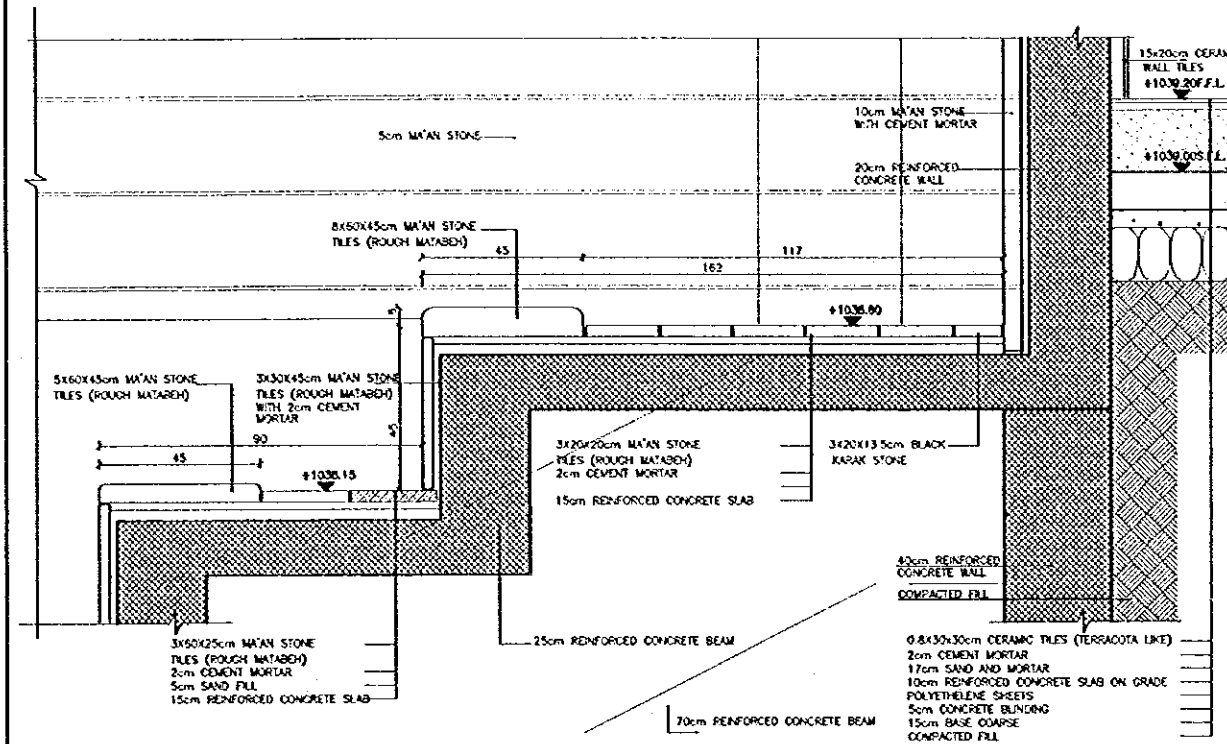
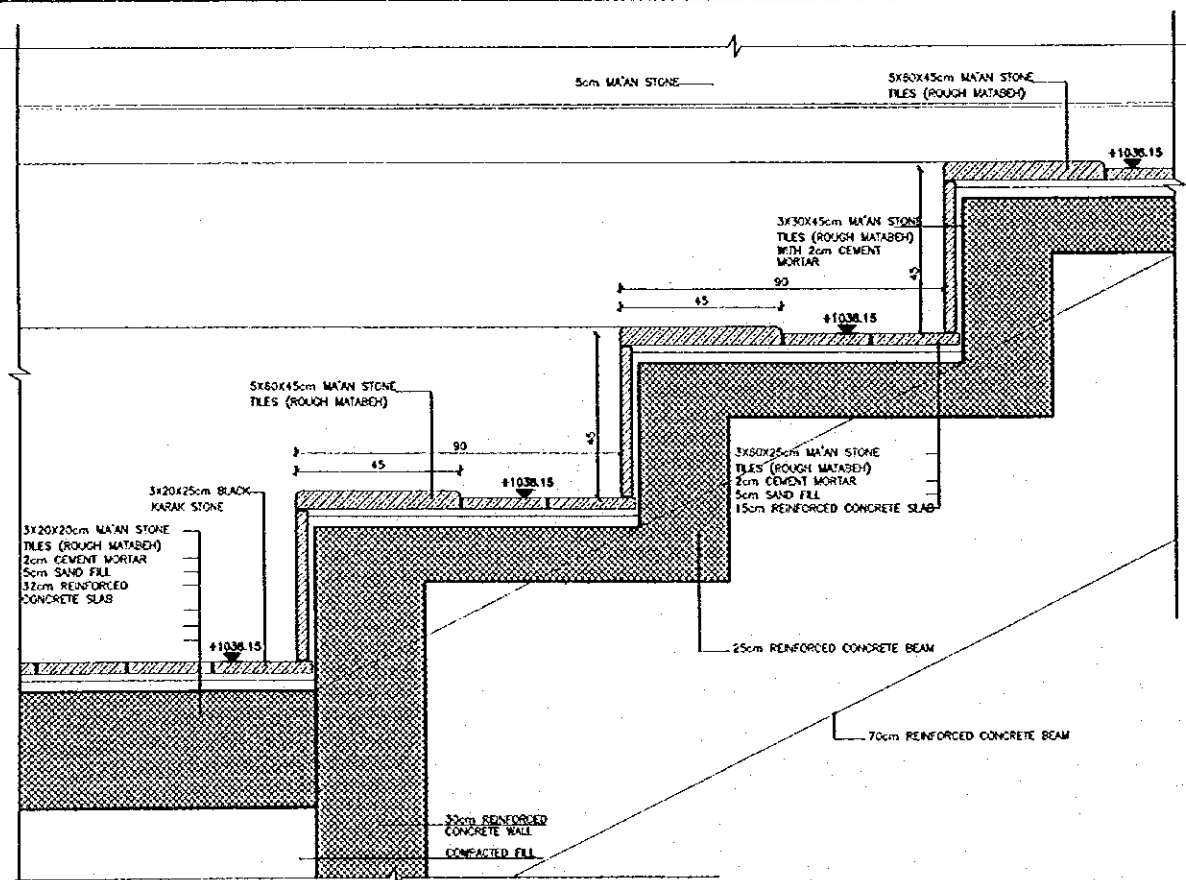


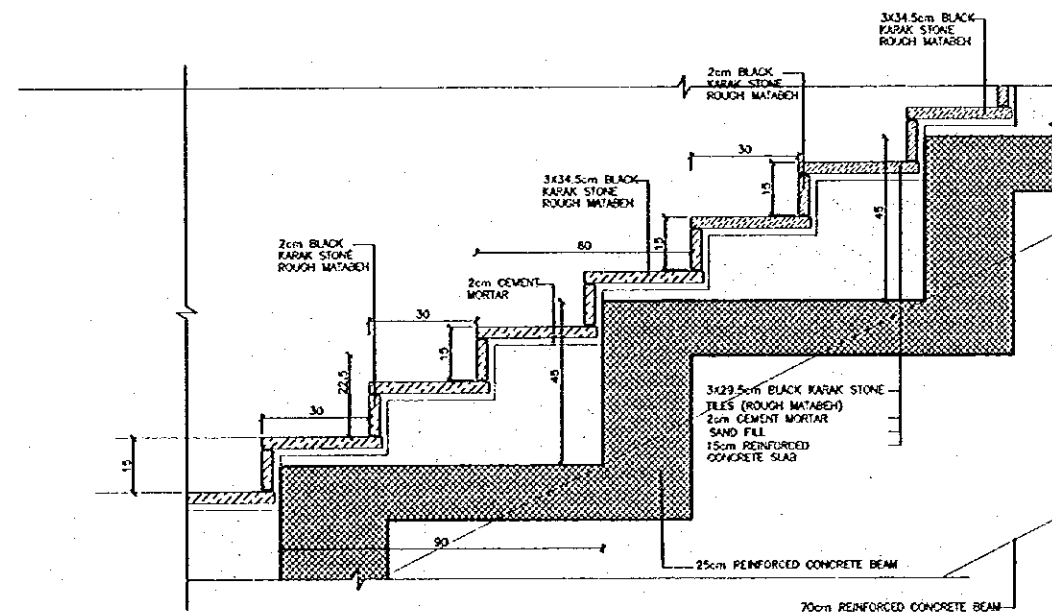
9 CAFETRIA COUNTER DETAIL
SCALE = 1:20



10 DETAIL (10)
SCALE = 1:10



11 DETAIL (11)
SCALE = 1:10



12 DETAIL (12)
SCALE = 1:10

Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Upper Observation Point

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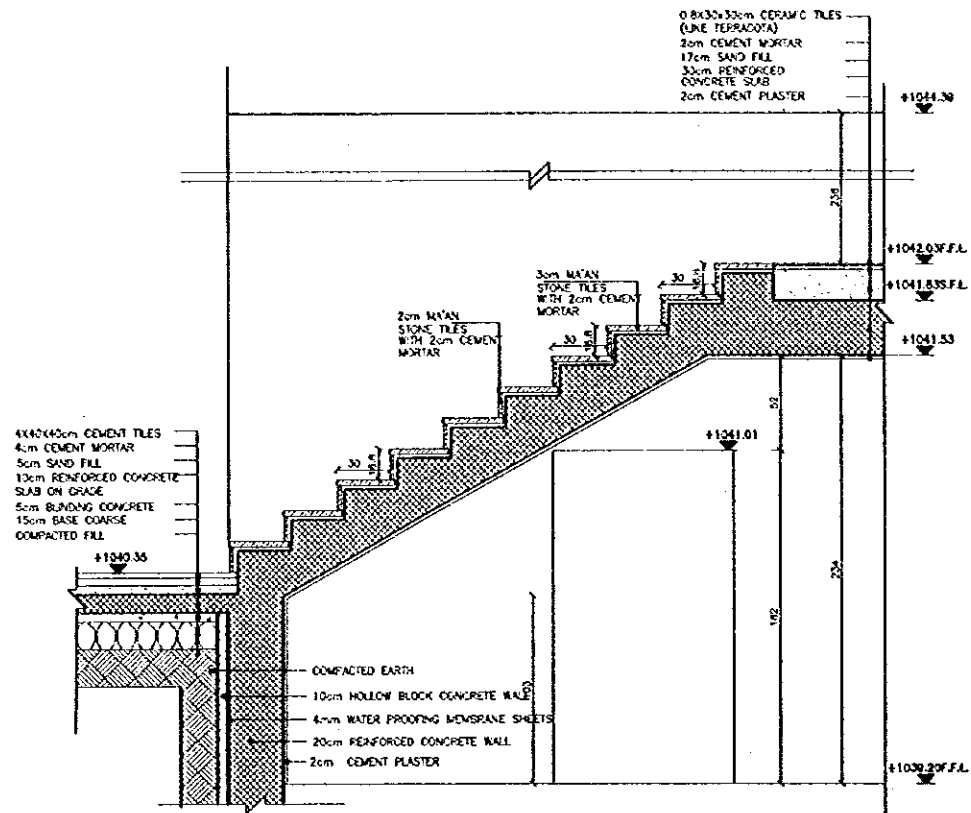
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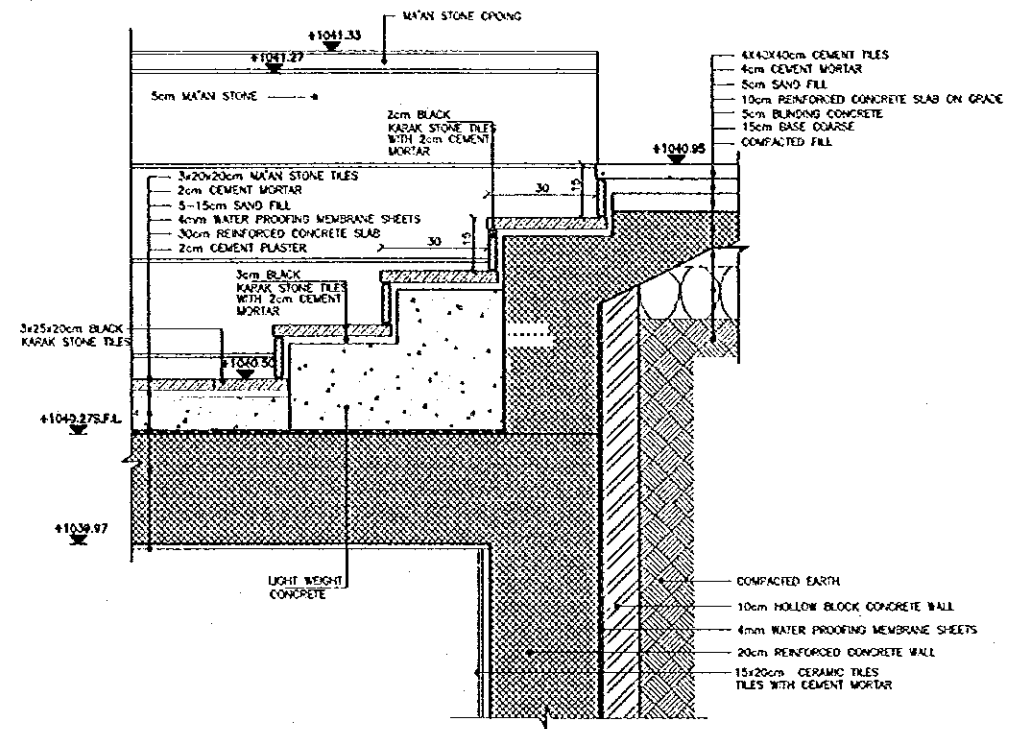
ARCHITECTURAL
DETAILS-3

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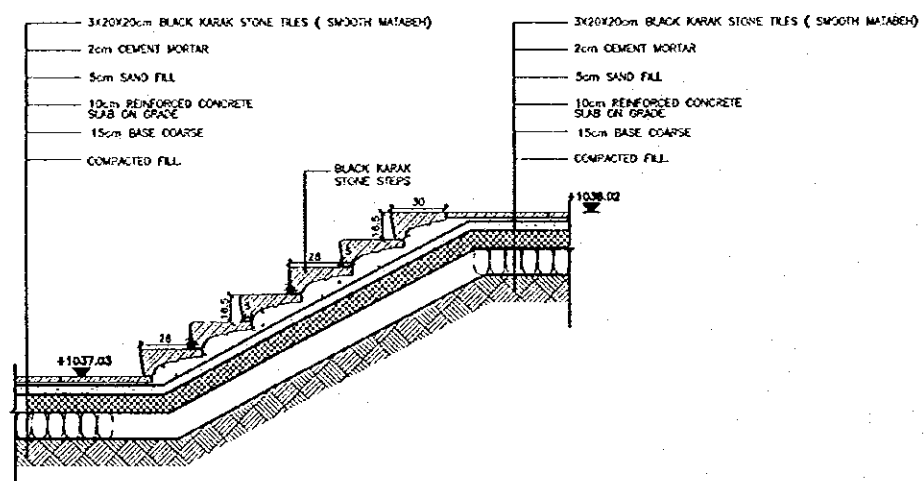
Scale: AS SHOWN Drawing No: UOP.A-016



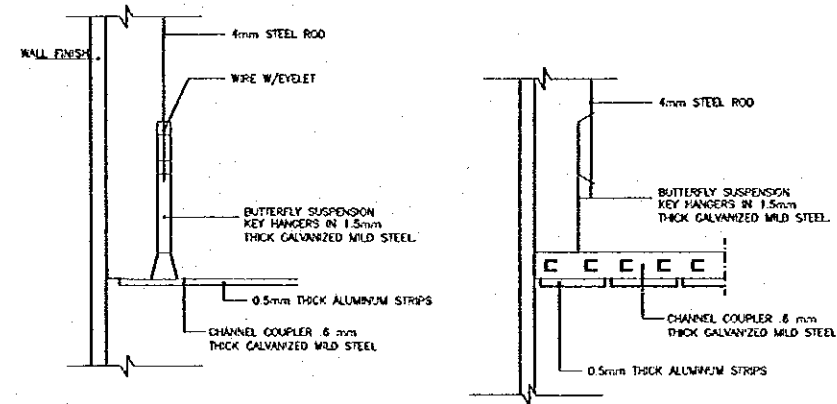
13 DETAIL (13)
SCALE = 1:20



14 DETAIL (4)
SCALE = 1:10



15 TYPICAL STAIRS ON GRADE DETAIL
SCALE = 1:20



16 ALUMINUM FALSE CEILING DETAIL
SCALE = 1:5

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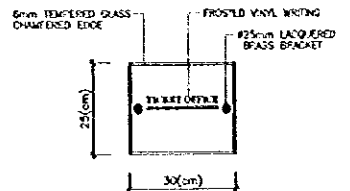
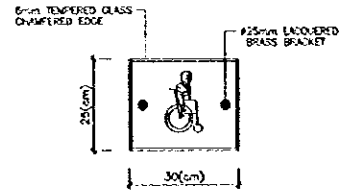
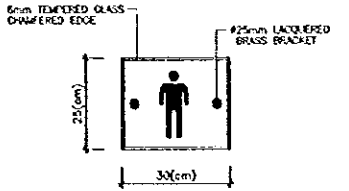
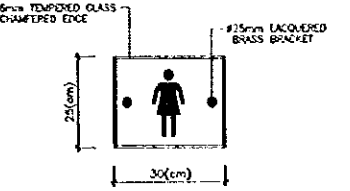
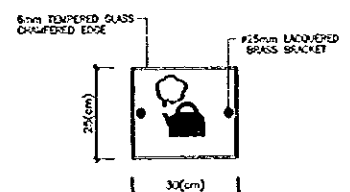
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ARCHITECTURAL
DETAILS-4

Scale: AS SHOWN Drawing No: WOP.A-017

			
<p>1 TYPICAL ROOM NAME SIGN SCALE = 1:10</p>	<p>2 TOILET SIGN SCALE = 1:10</p>	<p>3 TOILET SIGN SCALE = 1:10</p>	<p>4 TOILET SIGN SCALE = 1:10</p>
			
<p>5 CAFETERIA SIGN SCALE = 1:10</p>			


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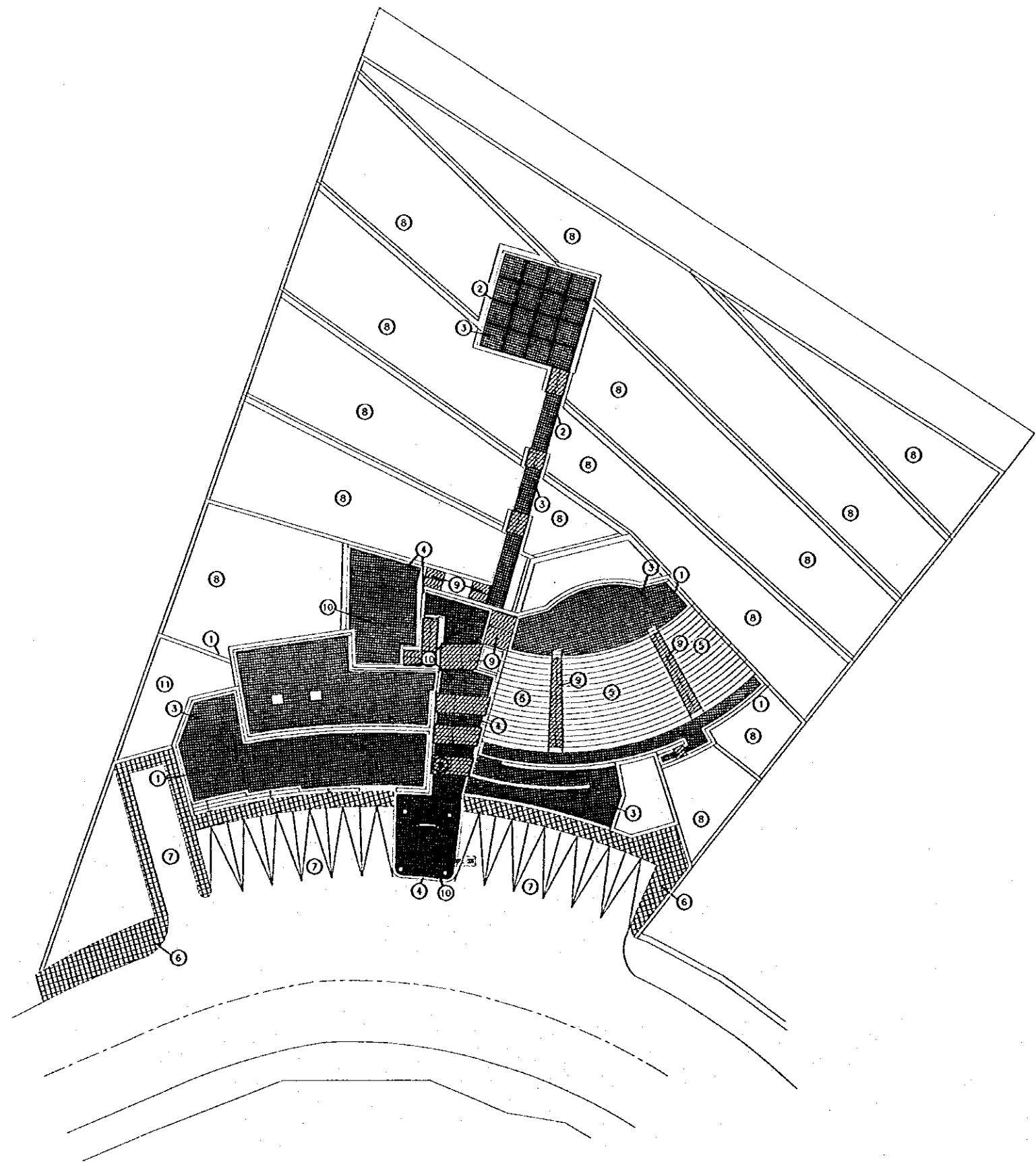
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SIGNAGE SCHEDULE
Drawing Title:

Scale: 1/10 Drawing No: UOP-A-019



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- LEGEND:**
- ① BLACK KARAK STONE TILES (20 x 25 x 3cm)
 - ② BLACK KARAK STONE TILES (20 x 10 x 3cm)
 - ③ MA'AN STONE TILES (20 x 20 x 3cm)
 - ④ MA'AN STONE TILES (20 x 25 x 3cm)
 - ⑤ VARIABLE MA'AN STONE TILES (50x45x3, 50x45x5, 50x45x8, 50x45x10)
 - ⑥ CEMENT CONCRETE TILES (40 x 40 x 4cm)
 - ⑦ ASPHALT LAYER
 - ⑧ AGRICULTURAL SOIL
 - ⑨ BLACK KARAK STONE STEPS
 - ⑩ BLACK KARAK STONE TILES (3 x 20 x 20cm)
 - ⑪ LOCATION OF SEPTIC TANK

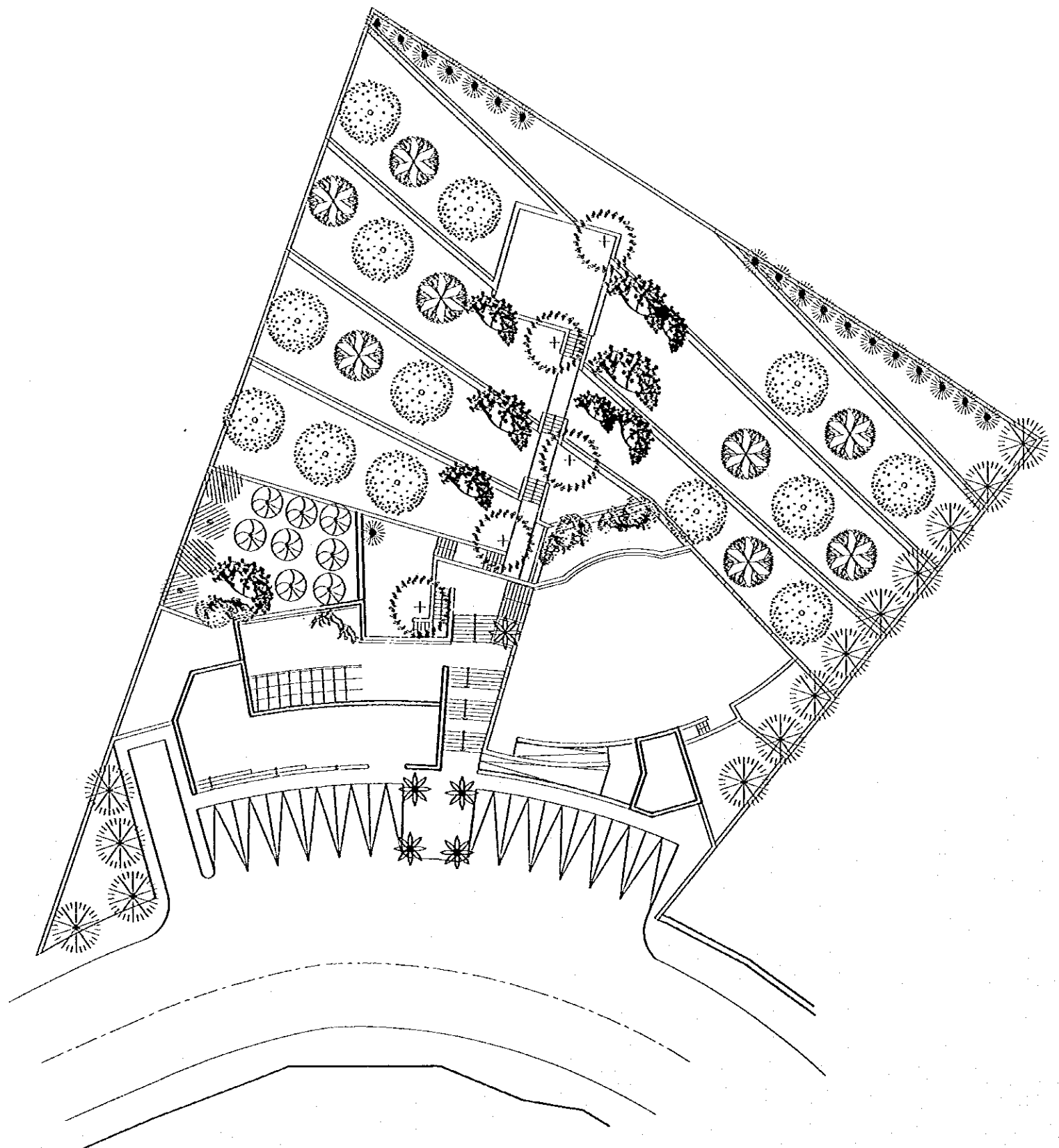


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TILLING PATTERN & MATERIAL

Scale: 1:200
Drawing No.: UOPL-001



PLANTING SCHEDULE

SCIENTIFIC NAME	COMMON NAME	SIZE	SYM.	Q.
PHOENIX DACTYLOFERA	DATE PALM	3m		5
ALBIZIA JULBRISSEM	SILK TREE	3m		13
CEDRUS ATLANTICA	ATLAS LECTAR	3m		17
LAURUS NOBILIS	SWEET BAY	2m		8
CUPRESSUS SEMPERVERIDENS	ITALIAN CYPRESS	3m		18
MELIA AZEDARACH	CHINA BERRY	3m		5
THUJA PLICATA	WESTERN RED CEDAR	2m		4
JUNIPERUS CHINENSIS	PRITZER JUNPER	1m SPREAD		7
HEDERA HELIX PARTHENOISSUS QUINQUEFOLIA	ENGLISH IVY VERGONA CREEPER	3m		4
HIBISYRROSA SINENSIS	CHINESE	1m		8

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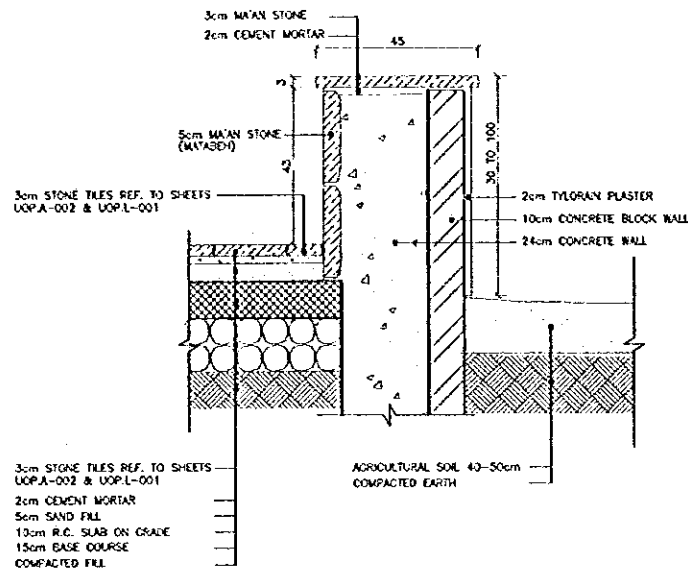
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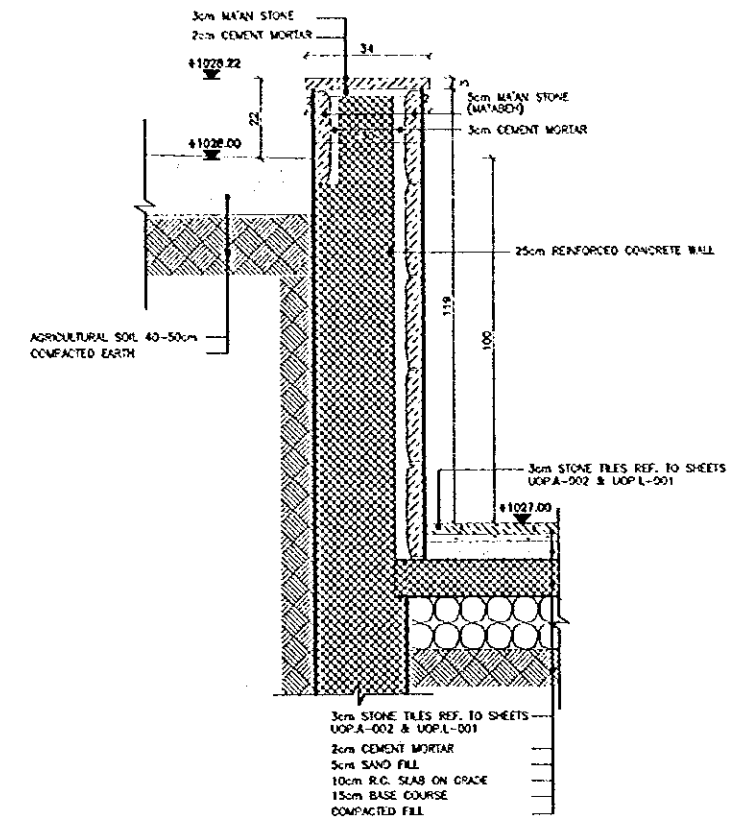
PLANTING PLAN

Drawing Title:

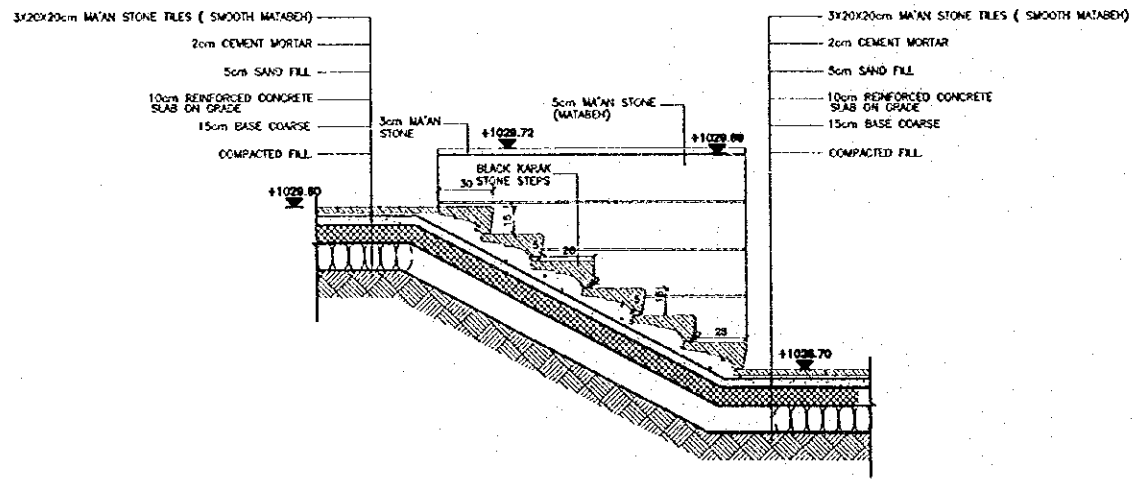
Scale: 1 : 200 Drawing No: UOP.L-002



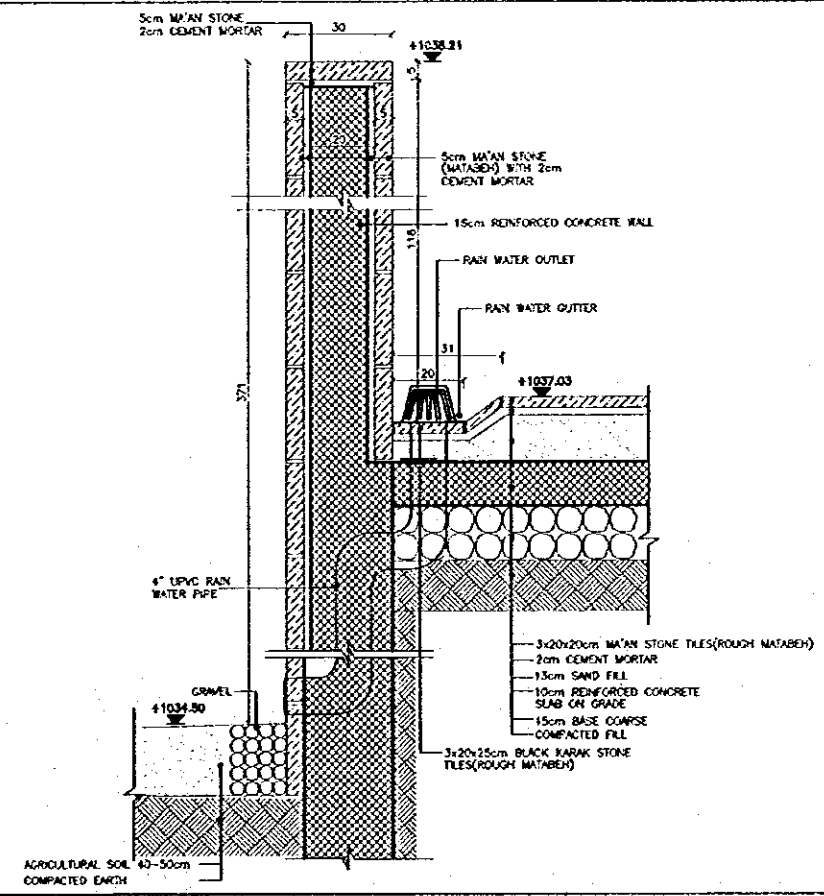
1 DETAIL (1)
SCALE = 1:10



2 DETAIL (2)
SCALE = 1:10



3 TYPICAL STAIRS ON GRADE DETAIL
SCALE = 1:20



4 DETAIL (4)
SCALE = 1:10

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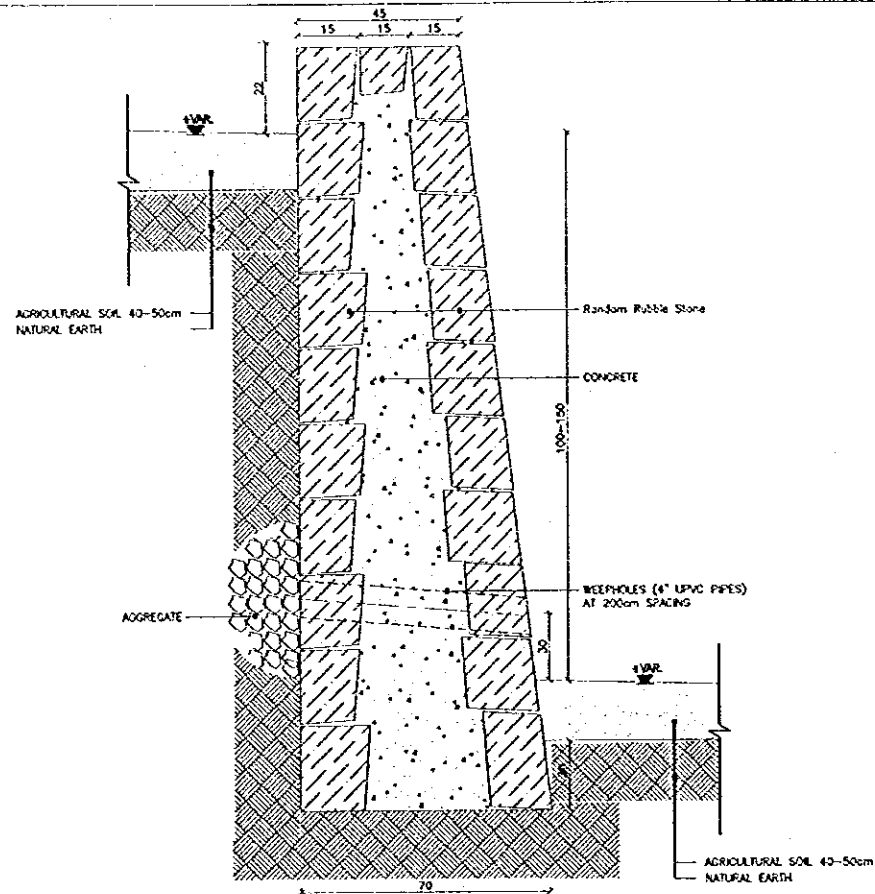
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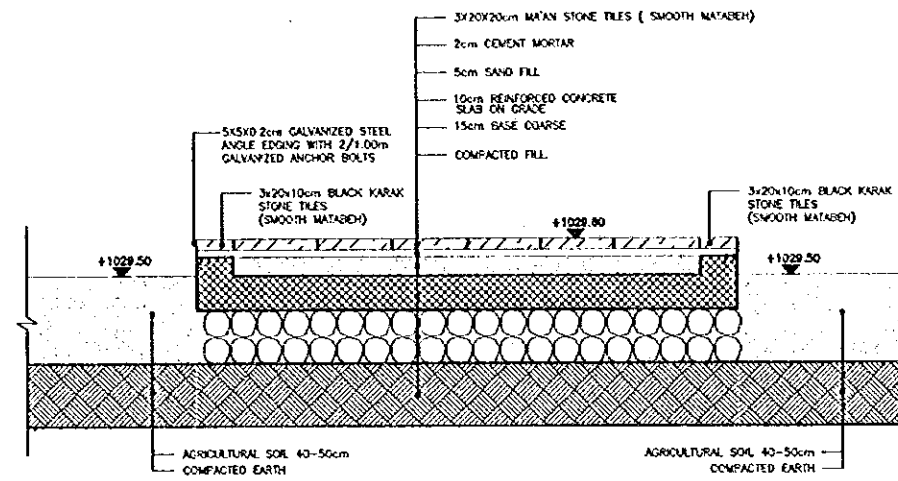
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LANDSCAPE
DETAILS-1

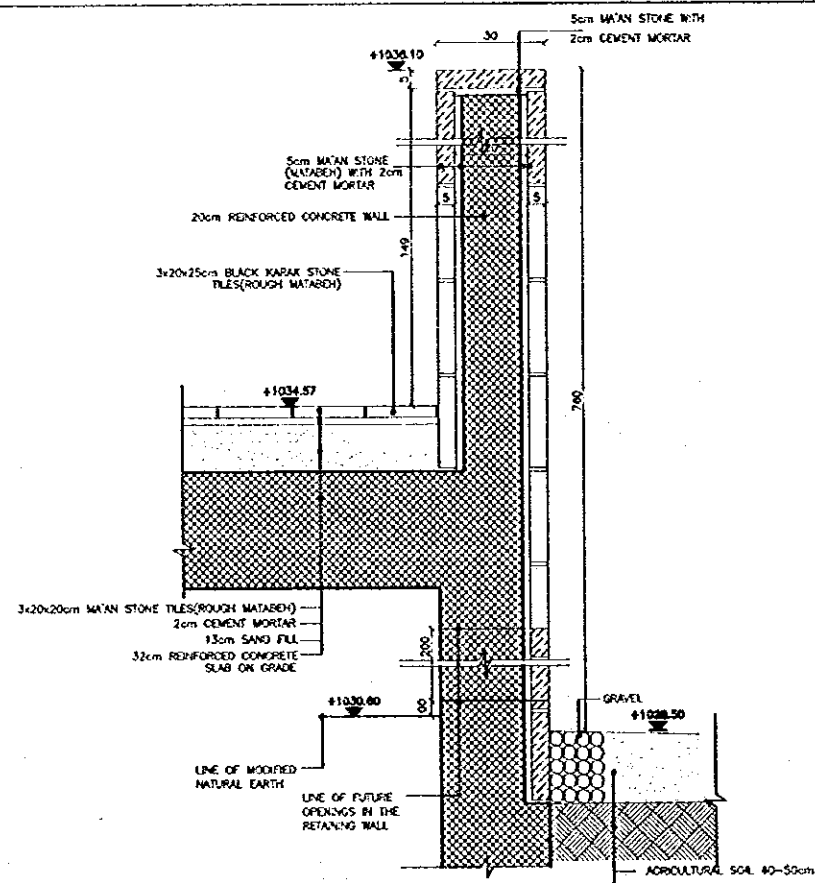
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Drawing No.: UOP.L-003



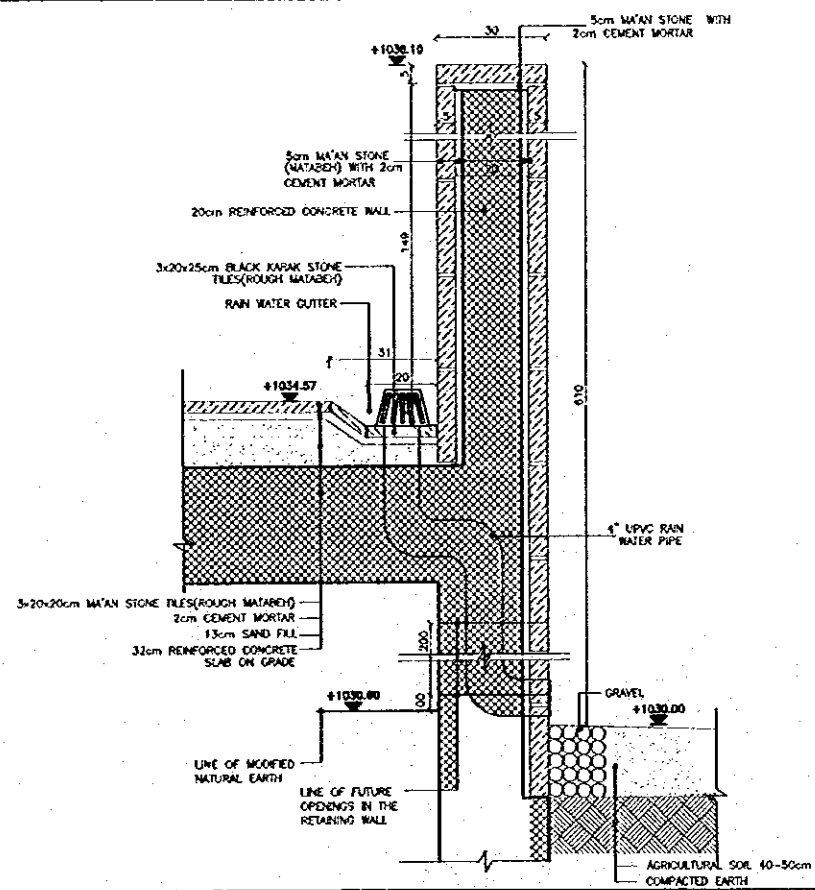
5 TYPICAL LANDSCAPE RETAINING WALL DETAIL
SCALE = 1:10



6 DETAIL (6)
SCALE = 1:10



7 DETAIL (7)
SCALE = 1:10



8 DETAIL (8)
SCALE = 1:10

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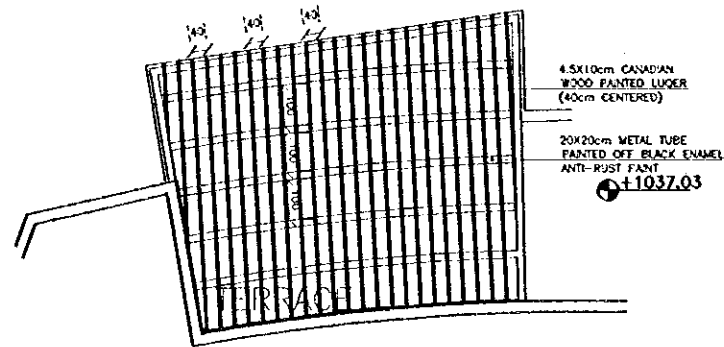
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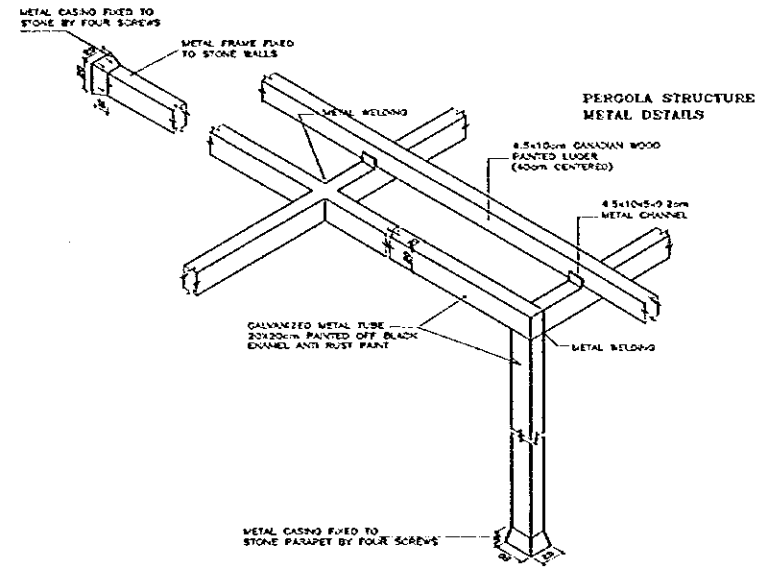
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LANDSCAPE
DETAILS-2

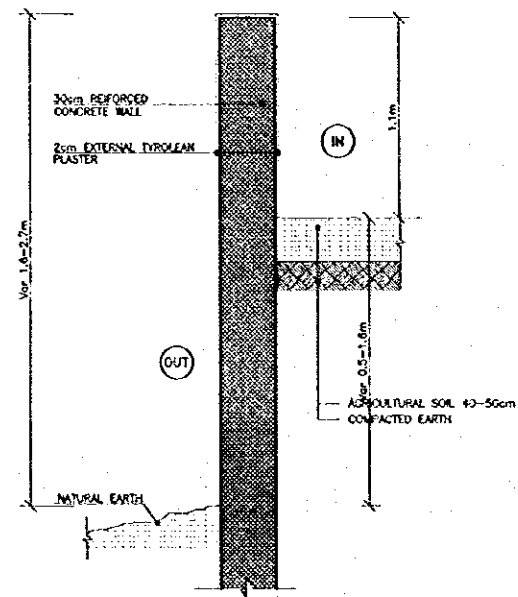
Scale: 1:10
Drawing No: UOP.L-004



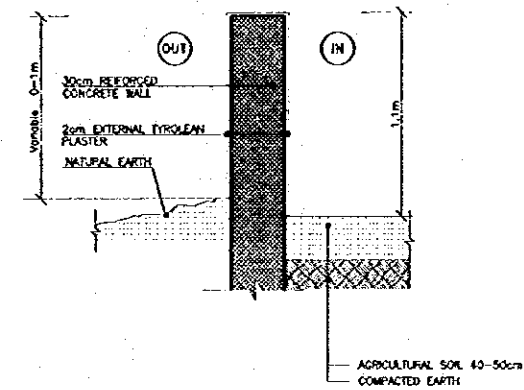
9 PERGOLA PLAN DETAIL
SCALE = 1:100



10 PERGOLA DETAIL (10)
SCALE = N.T.S.



11 BOUNDARY WALL DETAIL (11)
SCALE = 1:20



12 BOUNDARY WALL DETAIL (12)
SCALE = 1:20

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Drawing Title:
**LANDSCAPE
DETAILS-3**

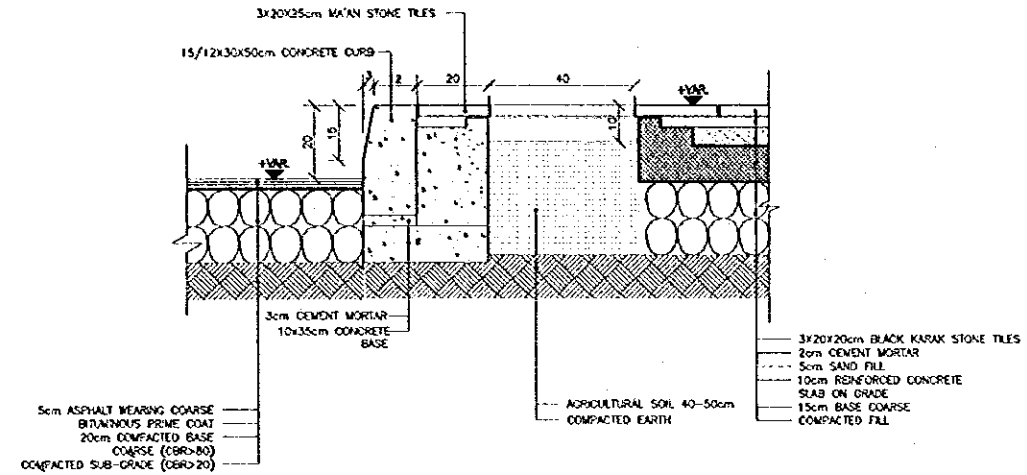
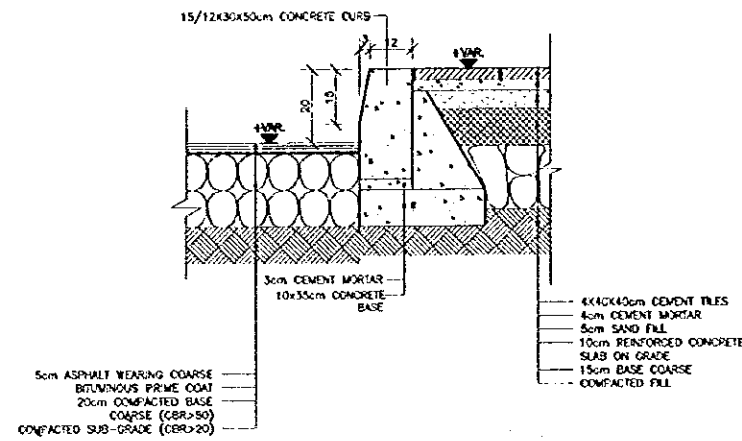
Scale:
AS SHOWN
Drawing No.:
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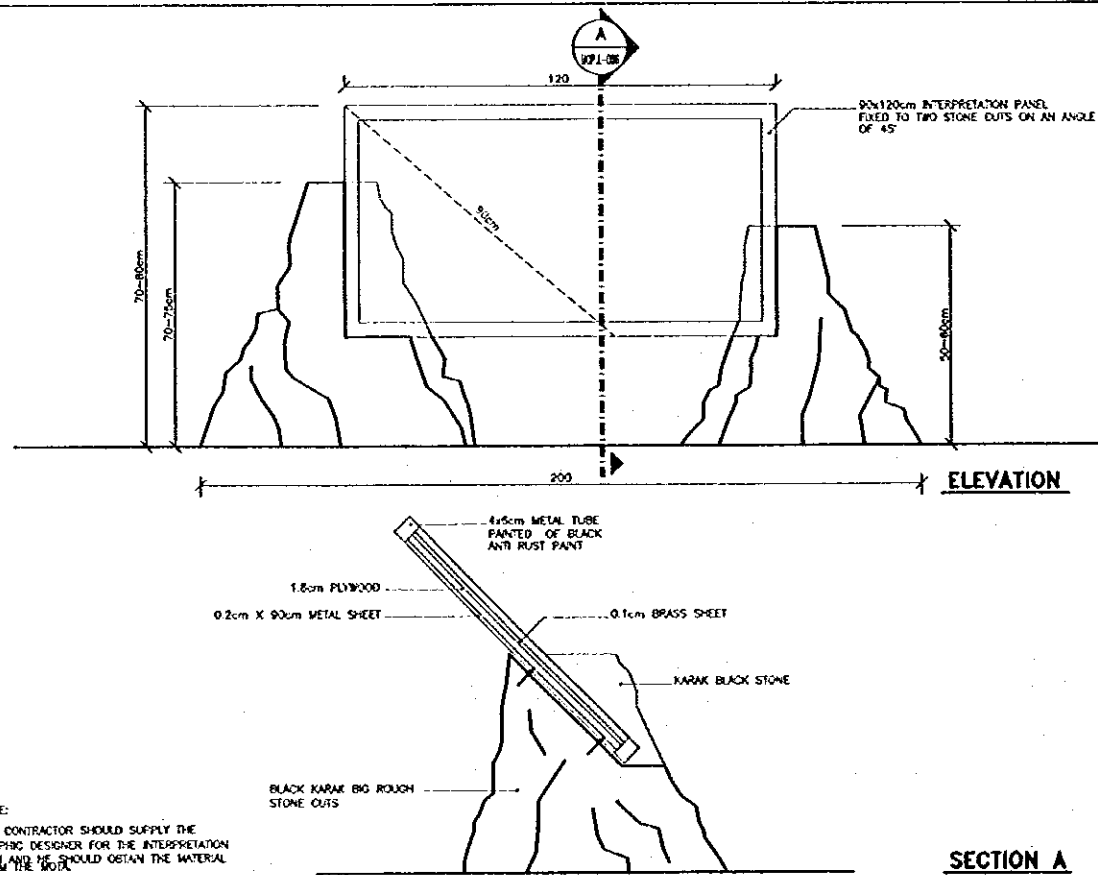
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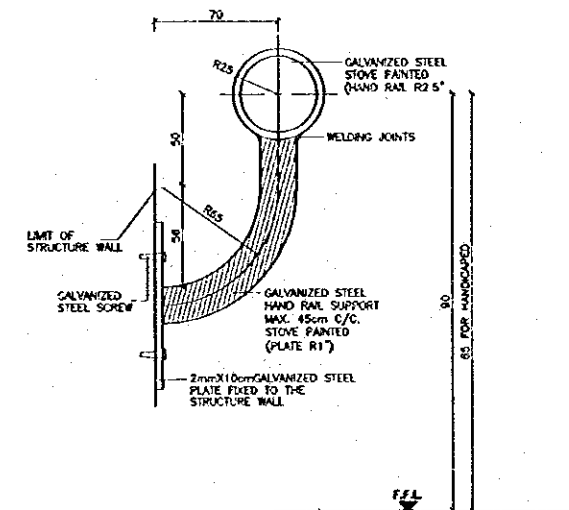


13 TYPICAL CONCRETE CURB DETAIL (13)
 SCALE = 1:10

14 TYPICAL SIDEWALK PLANTERS DETAIL
 SCALE = 1:10



15 INTERPRETATION SIGN DETAIL
 SCALE = 1:10



16 TYPICAL HANDRAIL DETAIL
 SCALE = 1:2

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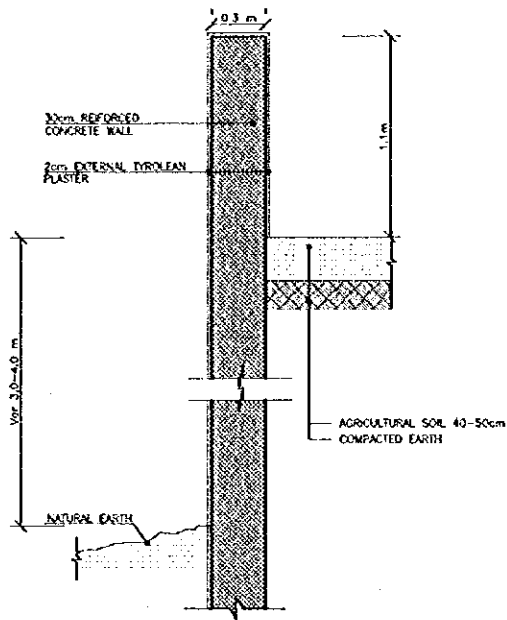
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DETAILS-4

Drawing Title:

Scale: 1:10

Drawing No.: UOP.L-006



12-01 BOUNDARY WALL DETAIL (11)
SCALE = 1:20

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1
DETAILS-5

Drawing Title:

Scale:
1:20

Drawing No:
UOP.L-007

CODE OF PRACTICE

Design, detailing and workmanship shall be according to the Jordan Code for plain and Reinforced Concrete

DIMENSIONS

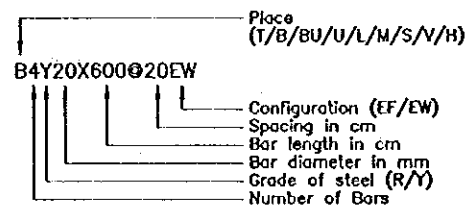
All Dimensions are in Centimetres.

DRAWINGS

- 1- Structural drawings shall be read in conjunction with Architectural, Mechanical and Electrical drawings.
- 2- Sleeves and openings smaller than 200X200 mm are not shown on the Structural drawings. For required openings refer to Architectural, Mechanical and Electrical drawings.
- 3- Contractor shall prepare working drawings and bar bending schedules for reinforcement in a format agreed with the engineer.
- 4- Drawings are not necessarily to scale.
- 5- Chamfers for fair faced concrete are not shown on Structural Drawings. Reference should be made to Architectural details for such purpose.

NOTATION

B	= Bottom Bars
BOF	= Bottom Level of Footing
BU	= Bent Up Bars
EF	= Each Face
EW	= Each Way
H	= Horizontal Bars
L	= L shaped Top Bars
M	= Lacer bars at side faces
R	= Mild Steel Bars
S	= Stirrups
SOG	= Slab on Grade
T	= Top Bars
TGB	= Top Level of Grade Beams
TOF	= Top Level of Footing
TSS	= Top Level of Structural Slab
U	= U shaped Bars
V	= Vertical Bars
Y	= High Yield Bars



MARKING SYSTEM

An alphanumeric marking system is employed for structural members.

A member mark or detail mark is made up of one or two alphabetic characters followed by one or two numeric digits.

The alphabetic characters define a series of structural members. Members which fall in a series usually are of the same type or have the same or similar cross section. The character designation employed for member series is as follows:

Beams	—	B,D,E,H,I,K,L,M,N,O,U,Y
Columns	—	C
Footings	—	F
Grade Beams	—	G
Ribbed Slabs	—	J&R
Solid Slabs	—	P
Stairs	—	S
Strip Footings	—	T
Wall Beams	—	W
Sections	—	X,Y&Z

REINFORCED CONCRETE

The following two types of reinforced concrete shall be employed:

C25 - Grade 25 for all reinforced concrete members

Characteristic Strength as defined by a 150 mm cube at age of 28 days shall be:

C25 - 25 MPa

Minimum cement content, per cubic metre, shall be:

C25 - 300 kilograms

Maximum water-cement ratio shall be:

C25 - 0.60

PLAIN CONCRETE

The following two types of plain concrete shall be employed:

C15 - Grade 15 for all plain concrete binding under foundations.

C20 - Grade 20 for all plain concrete backing for stone walls.

Characteristic Strength as defined by a 150 mm cube at age of 28 days shall be:

C15 - 15 MPa

C20 - 20 MPa

Minimum cement content, per cubic metre, shall be:

C15 - 200 kilograms

C20 - 250 kilograms

Maximum water-cement ratio shall be:

C15 - 0.70

C20 - 0.65

COVER

Clear concrete cover to reinforcement shall be:

50 mm for concrete below grade.
25 mm for internal concrete faces above grade.
30 mm for exposed fair faced concrete surfaces.

AGGREGATES

MAXIMUM AGGREGATE SIZE SHALL BE 20 mm.

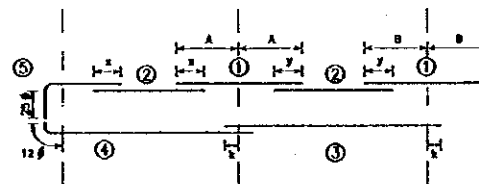
STRUCTURAL STEEL WORKS

- 1- ALL STRUCTURAL STEEL WORK SHALL BE EXECUTED IN ACCORDANCE WITH BS 449 .
- 2- STRUCTURAL STEEL SHALL BE OF AT LEAST QUALITY 43 AND IN ACCORDANCE WITH BS 4360 .
- 3- BOLTS AND NUTS SHALL BE GALVANIZED OF AT LEAST QUALITY 8.8 IN ACCORDANCE WITH BS 3692 .
- 4- ALL WELDING SHALL BE DONE ACCORDING TO BS 5135 BY QUALIFIED WELDERS .
- 5- ALL MEASURES FOR THE STRUCTURAL STEEL SHALL BE VERIFIED BY FIELD MEASUREMENT BEFORE FABRICATION .
- 6- ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH PRIMER SUITABLE AS UNDER LAYER FOR SUBSEQUENT TREATMENT ACCORDING TO SPECIFICATIONS
- 7- PAINTED SURFACES DESTROYED BY FIELD WELDING OR OTHER REASONS SHALL BE WIRE BRUSHED AND RE-PAIN WITH SAME TREATMENT AS ADJACENT SURFACES PLUS ONE EXTRA COAT .
- 8- ALL WELDS ARE 6mm FILLET WELDS OR OTHERWISE STATED .

REINFORCEMENT

- 1- All reinforcing bars of a diameter larger than 8 millimetres shall be deformed high strength steel bars of Characteristic Strength equal to:
 $f_y=420$ MPa.
- 2- Bars of 6 and 8 millimetres diameter shall be of mild steel of Characteristic Strength equal to:
 $f_y=280$ MPa.
- 3- Reinforcement shall comply with BS4449 , BS4461 or BS4483
- 4- Reinforcement shall be placed as shown on the drawings and in the lengths specified.
- 5- Where bar length is not specified, longest practicable bar length shall be employed with staggered lap splices. Lap length shall be 55 times bar diameter.
- 6- Bar crank shall not exceed 1:12.

PLACEMENT RULES FOR BEAM REINFORCEMENT



Placement of bars shall be as follows, unless indicated otherwise:

- ① Top bars at interior supports shall be placed centrally on the support axis lines, for approximately equal span.
- ② Top bars in spans shall be placed to top equal lengths with support top bars at both left and right.
- ③ Bottom bars in interior spans shall be placed to extend equal lengths beyond support centerlines at both left and right.
- ④ Bottom bars in exterior spans shall be placed such that they extend a length equal to 12 times bar size beyond the centerline of the exterior support. This length may include a 90 degree bend if sufficient room does not exist.
- ⑤ L bars as top reinforcement at exterior supports shall extend 25 times the bar size beyond the bend.

FOUNDATIONS

The Foundations are designed for allowable bearing capacity equal to 200 KPa .

Foundation level not less than 1.5m from finish floor level .

It is the responsibility of the Contractor to ensure that this bearing capacity is achieved at site with respect to the location of footing .

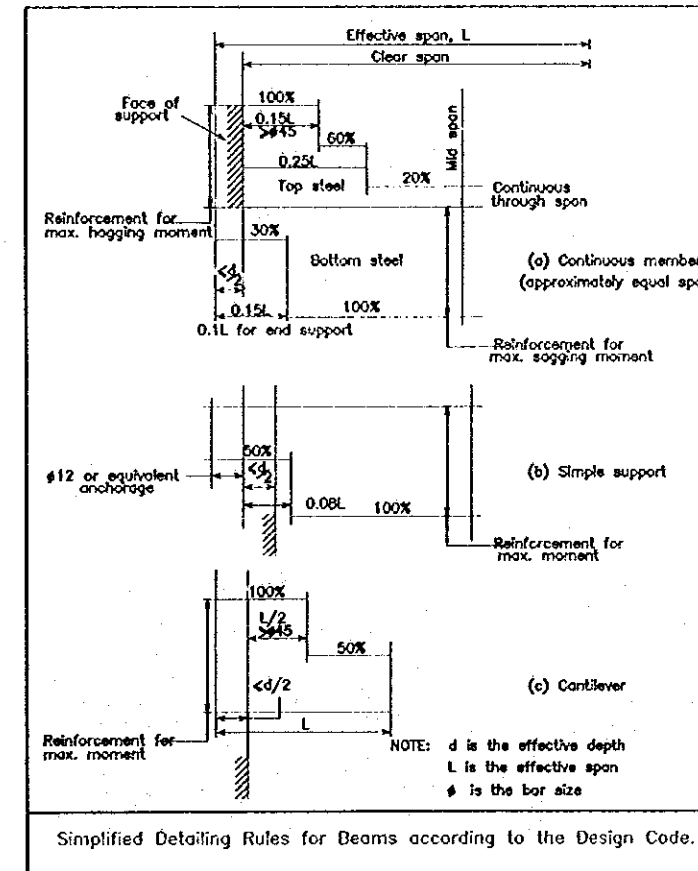
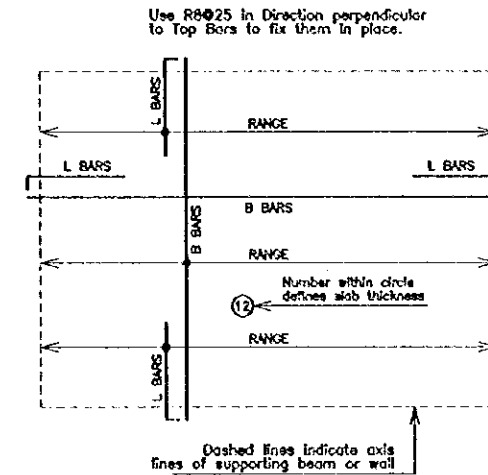
EXCAVATION & BACK FILLING

Back filling should be compacted on layers not more than 20cm thick to not less than 95% compaction ratio of the max. dry density of the modified proctor test .

BASEMENT WALL

It is not allowed to back fill behind basement walls and water tank walls before casting the concrete slab and removed of formwork .

Notation Employed for Solid Slab Panels



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Executing Agency

The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:

Karak Tourism Development Project

Note:

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Subcontracted Local Consultant:

consolidated consultants
ENGINEERING & ARCHITECTURE
Tel. 4611377 - Fax 4611360 - AMM - JPCW

GENERAL NOTES-1

Drawing Title:

Scale:

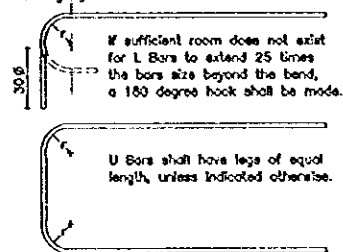
N.T.S.

Drawing No.:

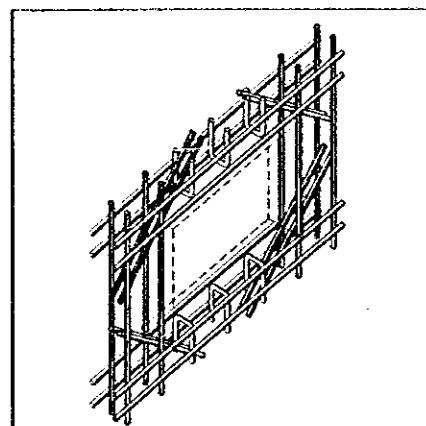
WPS-000

RADII OF BENDING

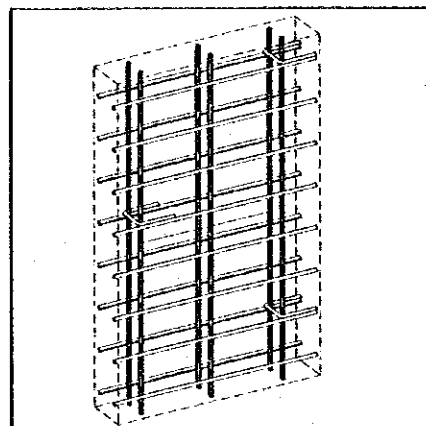
Minimum Radius of Bend for L Bars and U Bars shall be as follows. For other bars, minimum radius of bend shall equal to 2 times bar size for Mild Steel and 3 times bar size for High-yield Steel.



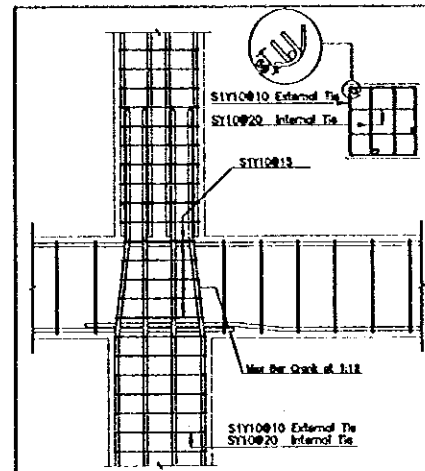
BAR DIAMETER (mm)	MINIMUM r (mm)
8	55
10	70
12	85
14	100
16	120
18	140
20	160
22	180
25	215
32	300



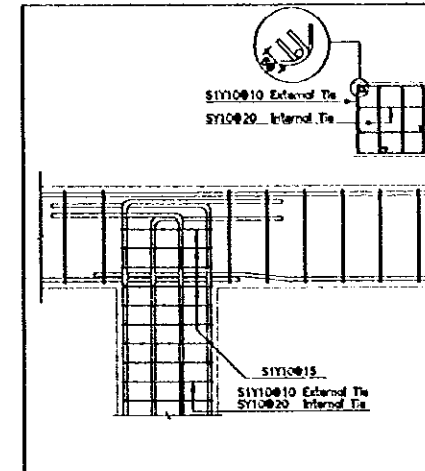
FOR ALL WALL OPENINGS
Fit diagonal ZY14X150 bars in both faces, at each corner.



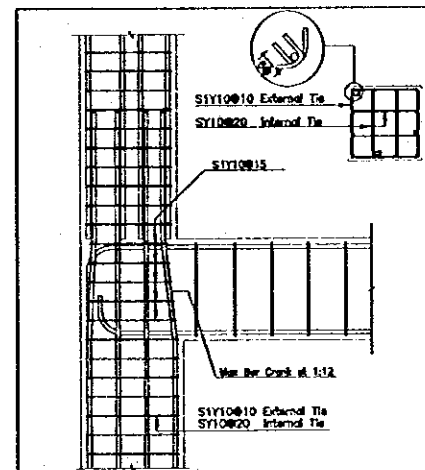
FOR ALL WALLS
Use Y10 U tie spacers staggered at 150 cm intervals.



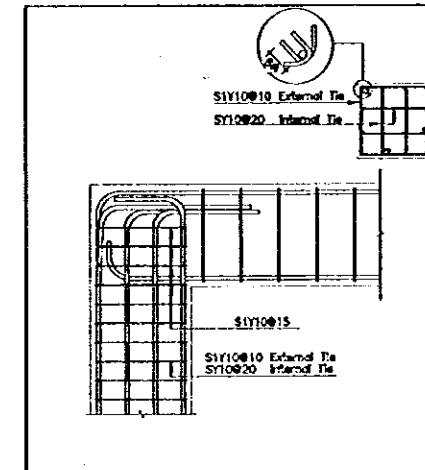
Typical Reinforcement Detail
Interior Beam:Column Joint.



Typical Reinforcement Detail
Interior Beam:Column Joint at Roof.

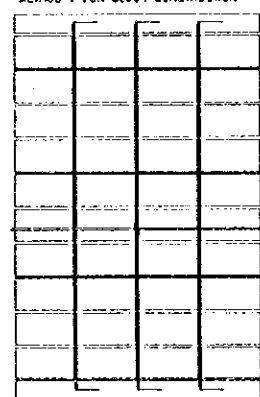


Typical Reinforcement Detail
Exterior Beam:Column Joint.

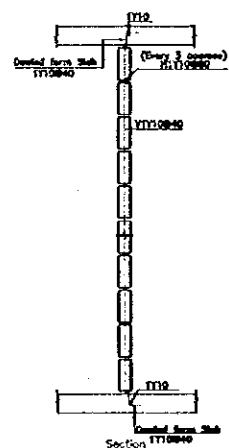


Typical Reinforcement Detail
Exterior Beam:Column Joint at Roof.

METHOD 1 FOR BLOCK CONSTRUCTION



Elevation

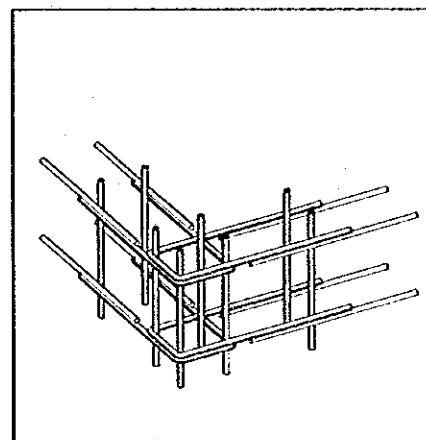


Section

Concrete Blocks for all Partitions shall be constructed with Continuous Vertical and Horizontal Joints. Both Joints shall be reinforced with T112 Lapped and Anchored on blocks.

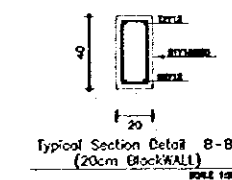
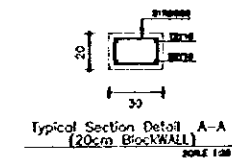
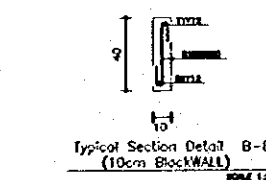
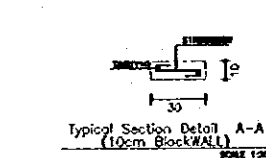
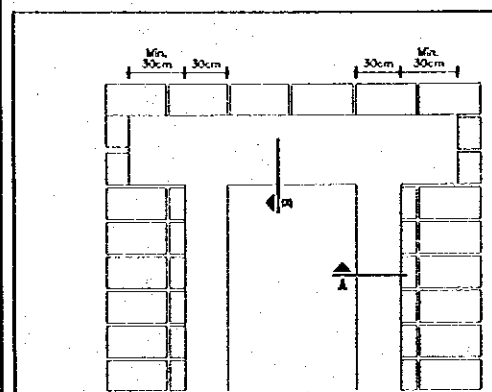
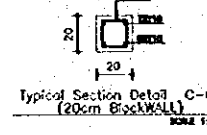
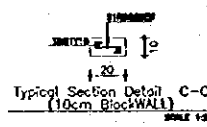
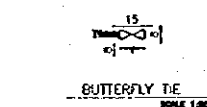
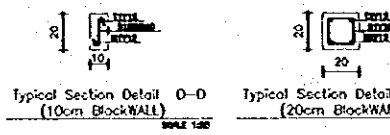
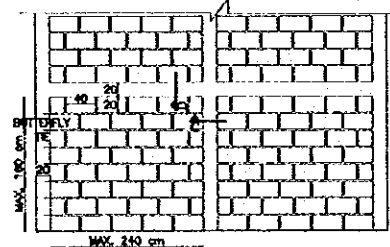
SYMBOLS

- = Structural Wall Below Slab Level.
- = Structural Wall above Slab Level (No Structural Wall Below).
- = Drop Beam.
- = Inverted Beam or Parapet Above Slab Level.
- = Column Below Slab Level.
- = Column above Slab Level.
- = Hardcore.
- = Stone.
- = Polystyrene.
- = Block wall.
- = Plain Concrete Wall Below Slab level.
- = Plain Concrete.
- = Waterproofing.
- = Thickness of Slab.
- = Level.
- = Column Mark.
- = Thickness of Slab On Grade.



FOR ALL WALLS AND WALL BEAMS
Use U Bars for ends and corners

METHOD 2 FOR BLOCK CONSTRUCTION



Void of BlockWall

Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency

The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:

Karak Tourism Development Project

Note:

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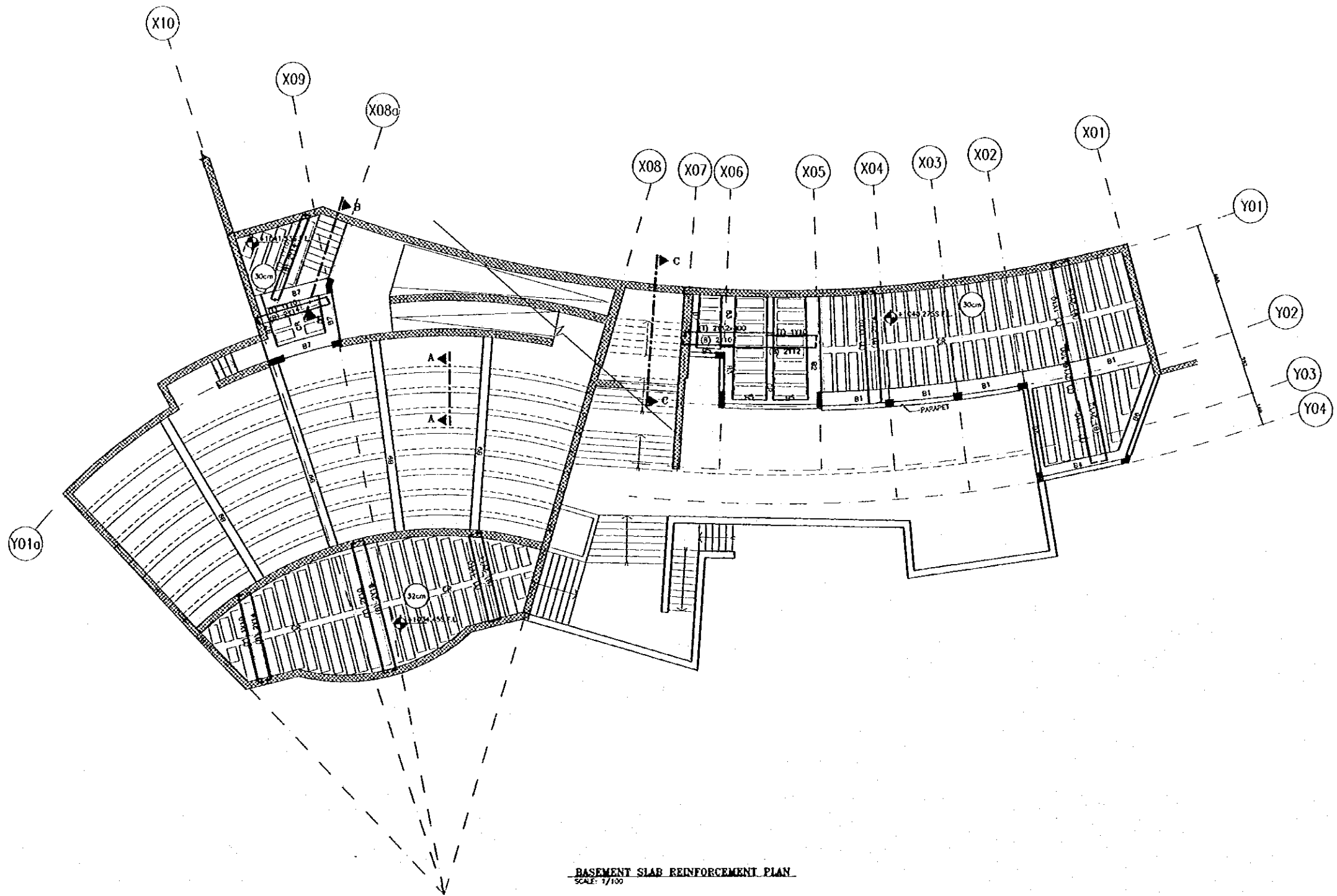
consolidated consultants
ENGINEERING & ENVIRONMENT
TEL: 46-2377 - FAX: 46-2380 - NHRY - JAPAN

GENERAL NOTES-2

Drawing Title:

Scale:
AS SHOWN

Drawing No.:
UOP.S-006



BASEMENT SLAB REINFORCEMENT PLAN
SCALE: 1/100

Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Upper Observation Point

Note:
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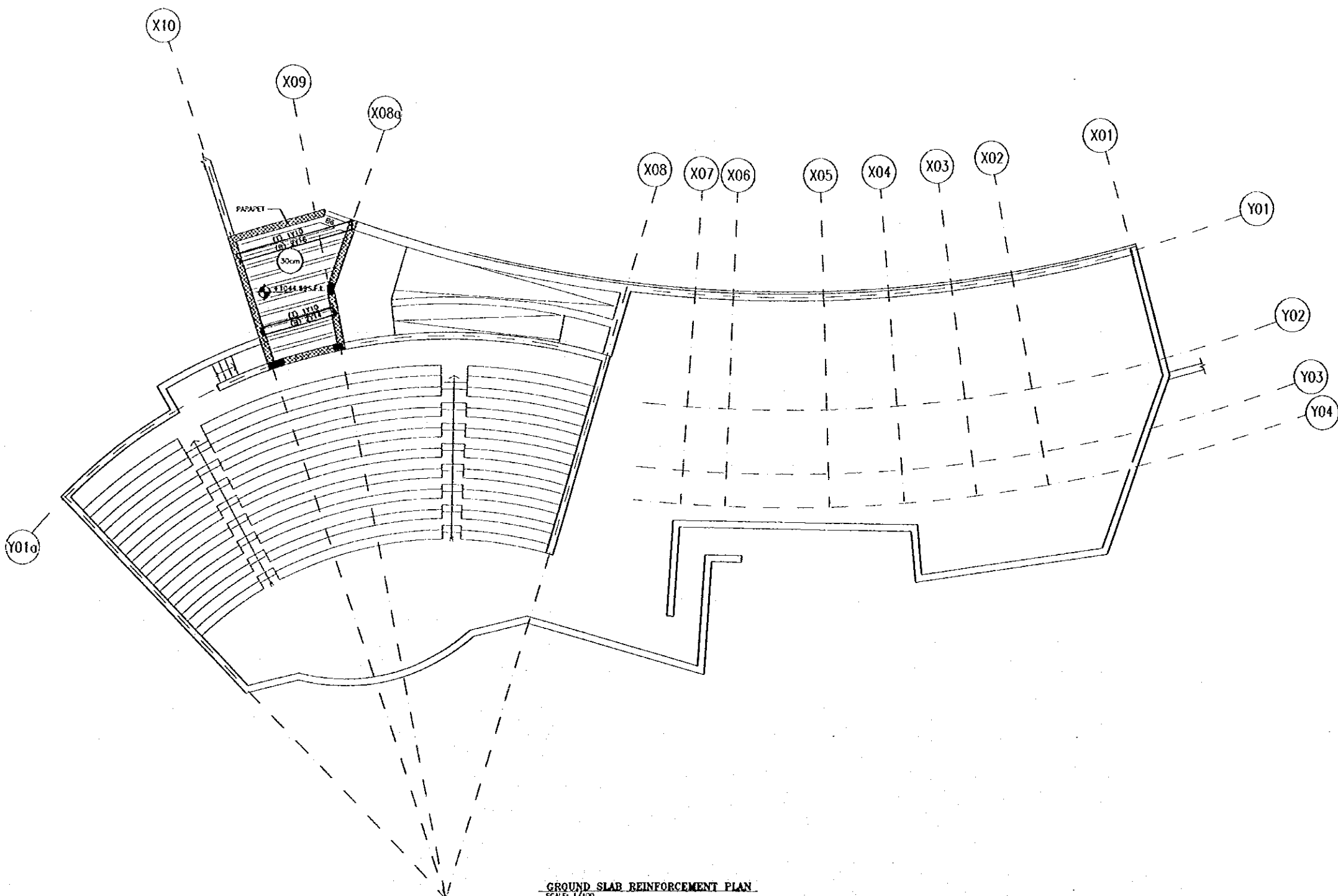


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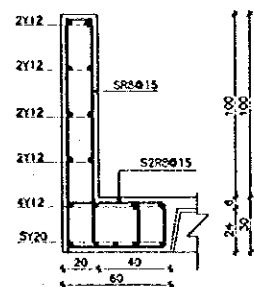
UOP BASEMENT REINFORCEMENT PLAN
Drawing Title:

Scale: 1:100 Drawing No.: **UOP.S-001**

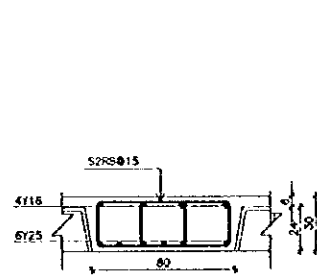


GROUND SLAB REINFORCEMENT PLAN
SCALE: 1/100

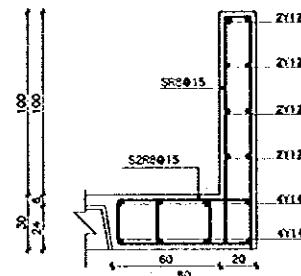
Project: Tourism Sector Development Project in the Hashemite Kingdom of Jordan	
Executing Agency The Ministry of Tourism and Antiquities The Ministry of Planning	
SUB-PROJECT: Karak Tourism Development Project Upper Observation Point	
Note: This detailed design has been executed by a team of consultants as shown below in accordance with the agreement between Japan International Cooperation Agency (JICA) and JICA Study Team. The copyright of this drawing rests with JICA.	
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consolidated consultants <small>CONSULTING & ENGINEERING</small> <small>TEL: 4612177 - FAX: 4612200 - NAMI - JAPAN</small>	
UOP GROUND FLOOR REINFORCEMENT PLAN Drawing Title:	
Scale: 1:100	Drawing No: UOP.S-002



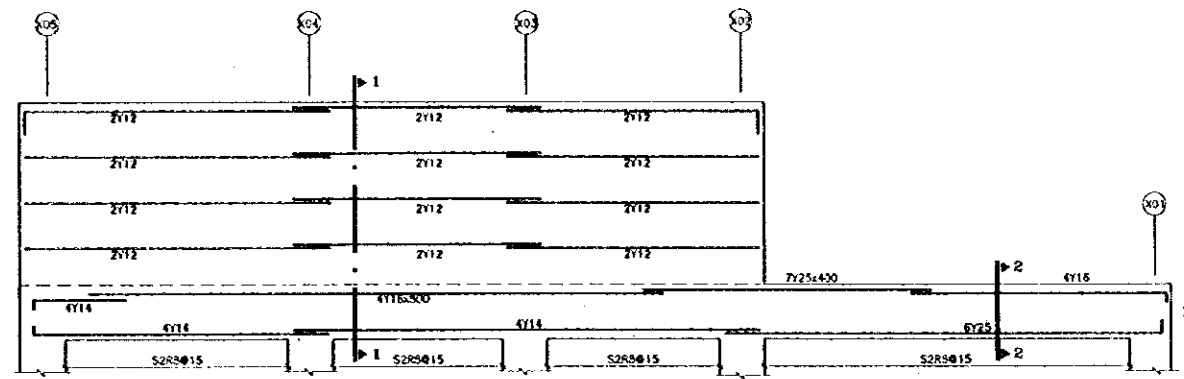
TYPICAL SECTION THROUGH B4
SCALE: 1/20



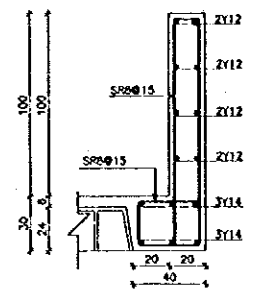
SECTION (2-2) THROUGH B1
SCALE: 1/20



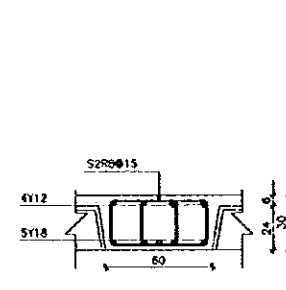
SECTION (1-1) THROUGH B1
SCALE: 1/20



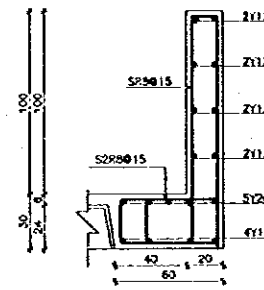
LONGITUDINAL SECTION THROUGH B1
SCALE: H=1/50 V=1/20



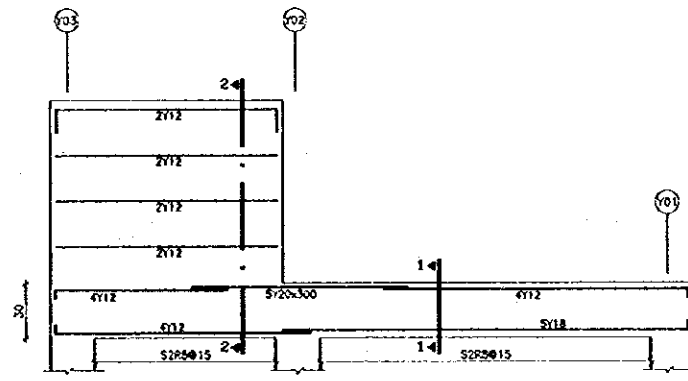
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SCALE: 1/20



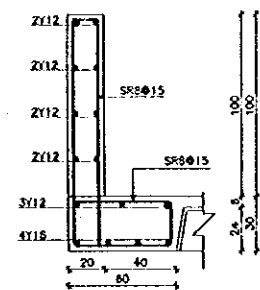
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SCALE: 1/20



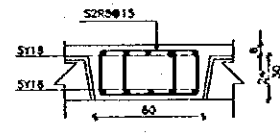
SECTION (2-2) THROUGH B2
SCALE: 1/20



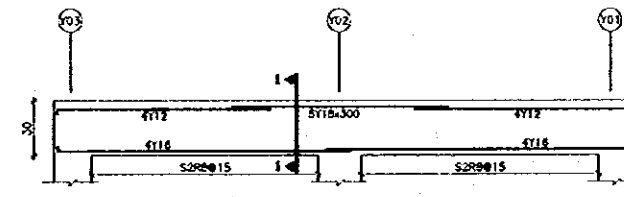
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SCALE: H=1/50 V=1/20



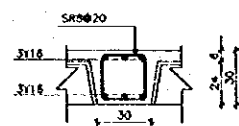
TYPICAL SECTION THROUGH B6
SCALE: 1/20



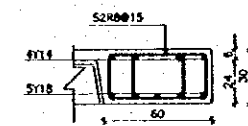
SECTION (1-1) THROUGH B3
SCALE: 1/20



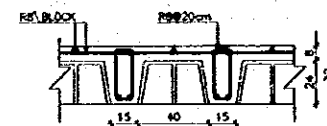
LONGITUDINAL SECTION THROUGH B3
SCALE: H=1/50 V=1/20



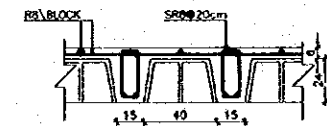
TYPICAL SECTION THROUGH CR
SCALE: 1/20



TYPICAL SECTION THROUGH B7
SCALE: 1/20



TYPICAL SECTION THROUGH (32cm) SLAB
BLOCK: 40cm / RIBS: 15cm
SCALE: 1/20



TYPICAL SECTION THROUGH (30cm) SLAB
BLOCK: 40cm / RIBS: 15cm
SCALE: 1/20

Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan
Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Upper Observation Point

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consolidated consultants
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TEL: 03-3777-1113 FAX: 03-3777-1114

**BEAMS STRUCTURAL
DETAILS-1**

Drawing Title:

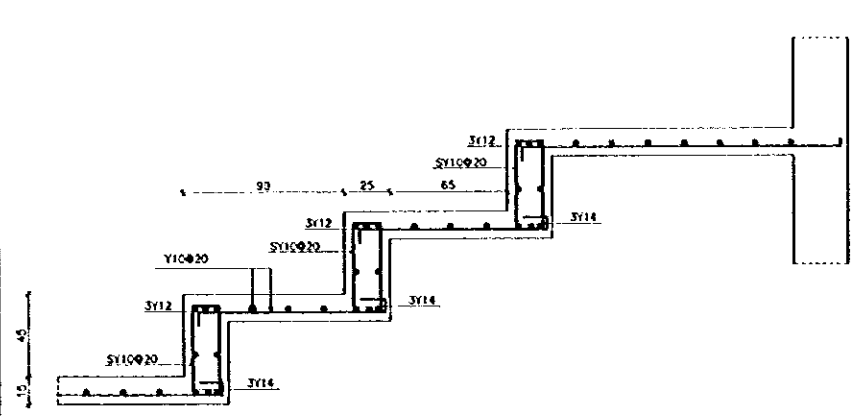
Scale: 1:20 Drawing No: UOP.S-003

Project:
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 in the Hashemite Kingdom of Jordan

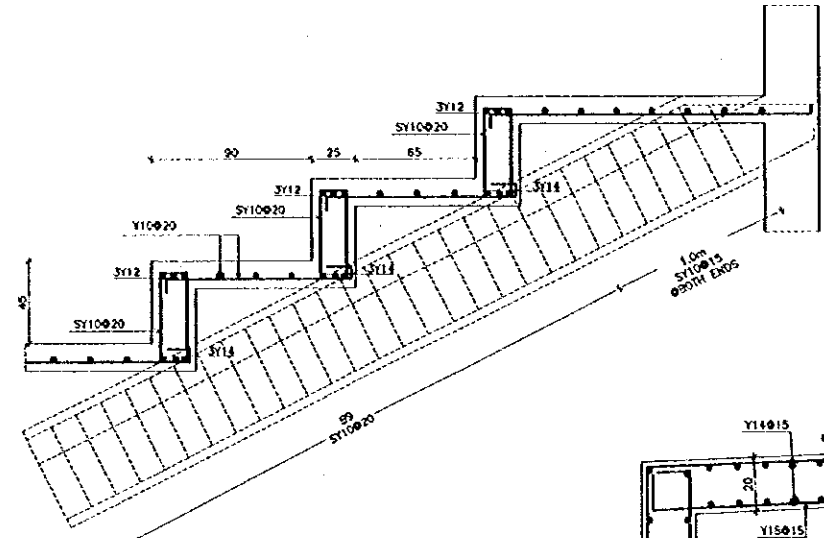
Executing Agency:
 The Ministry of Tourism and Antiquities
 The Ministry of Planning

SUB-PROJECT:
 Karak Tourism Development Project
 Karak Castle Pathways

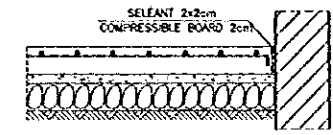
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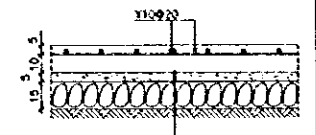
TYPICAL SECTION THROUGH STAIRS
 SCALE: 1/20



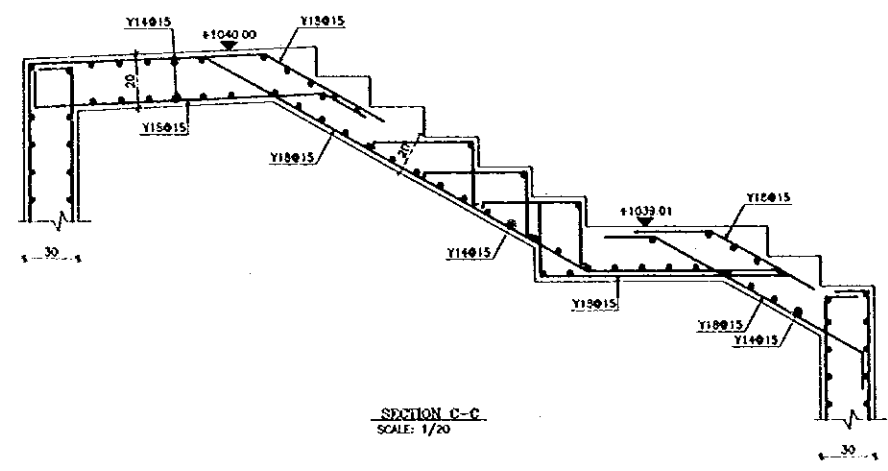
SECTION A-A
 SCALE: 1/20



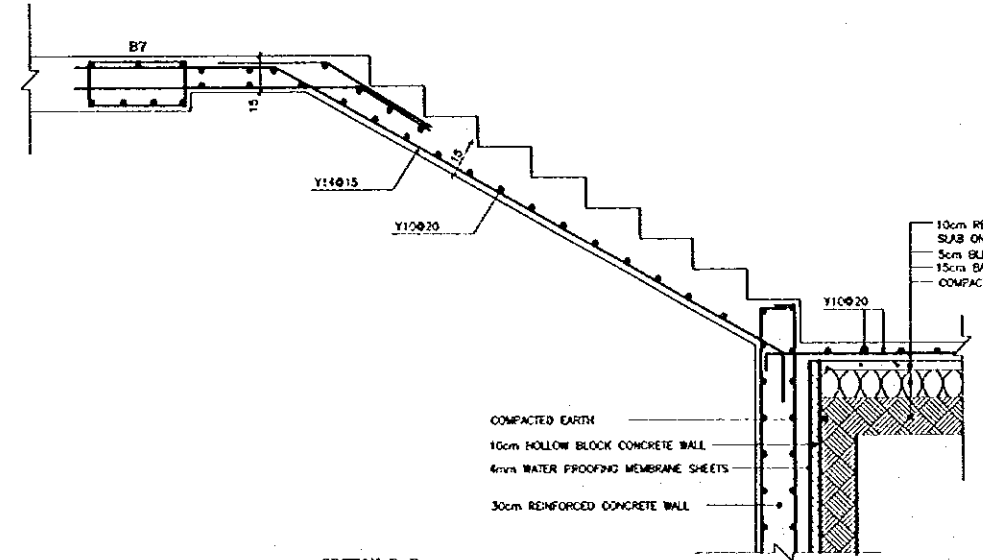
ISOLATION JOINT
 SCALE: 1/20



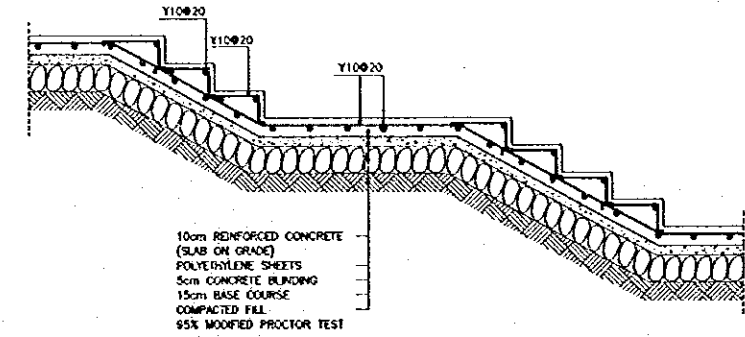
TYPICAL SECTION THROUGH SLAB ON GRADE (SOG)
 SCALE: 1/20



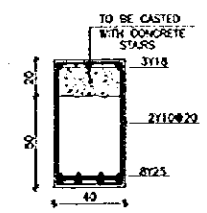
SECTION C-C
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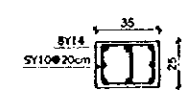
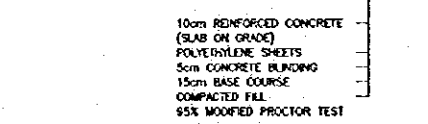
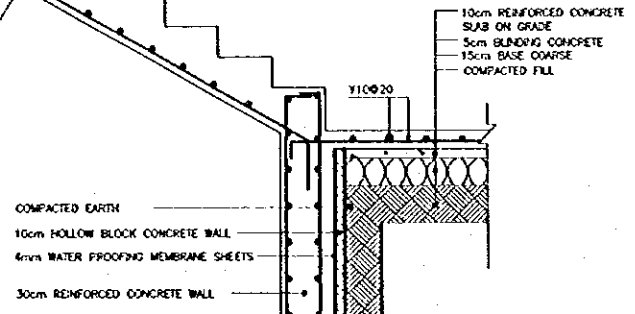
SECTION B-B
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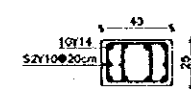
TYPICAL SECTION THROUGH OUTSIDE STAIRS ON GRADE
 SCALE: 1/20



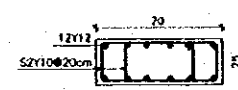
TYPICAL SECTION THROUGH BR
 SCALE: 1/20



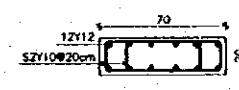
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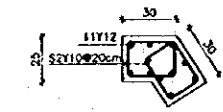
SECTION THROUGH C2
 SCALE: 1/20



SECTION THROUGH C3
 SCALE: 1/20



SECTION THROUGH C4
 SCALE: 1/20



SECTION THROUGH C5
 SCALE: 1/20

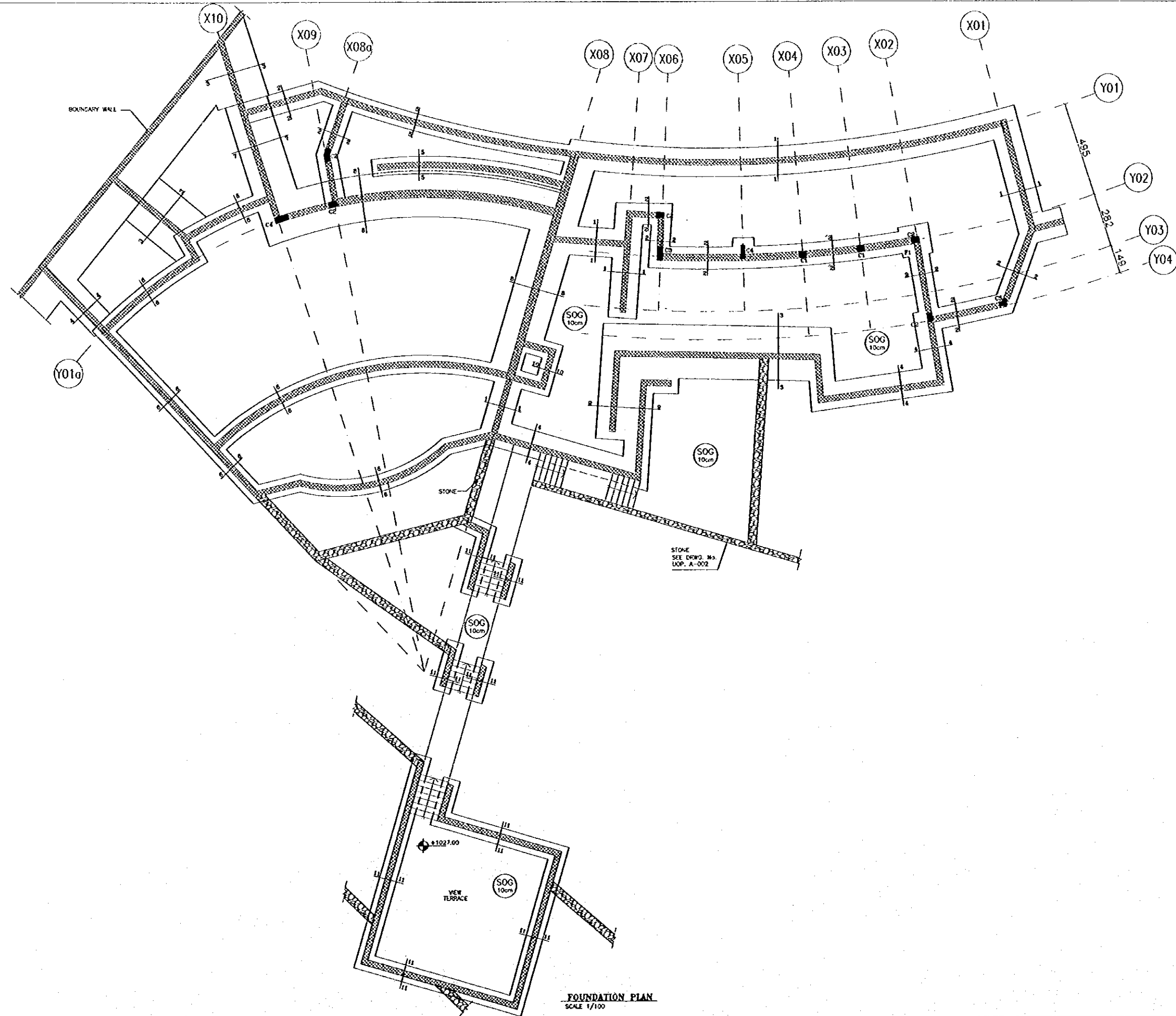
COLUMNS REINFORCEMENT DETAILS

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BEAMS STRUCTURAL
 DETAILS-2

Scale: 1/20
 Drawing No: WOP.S-004



Project:
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Executing Agency
 The Ministry of Tourism and Antiquities
 The Ministry of Planning

SUB-PROJECT:
 Karak Tourism Development Project
 Upper Observation Point

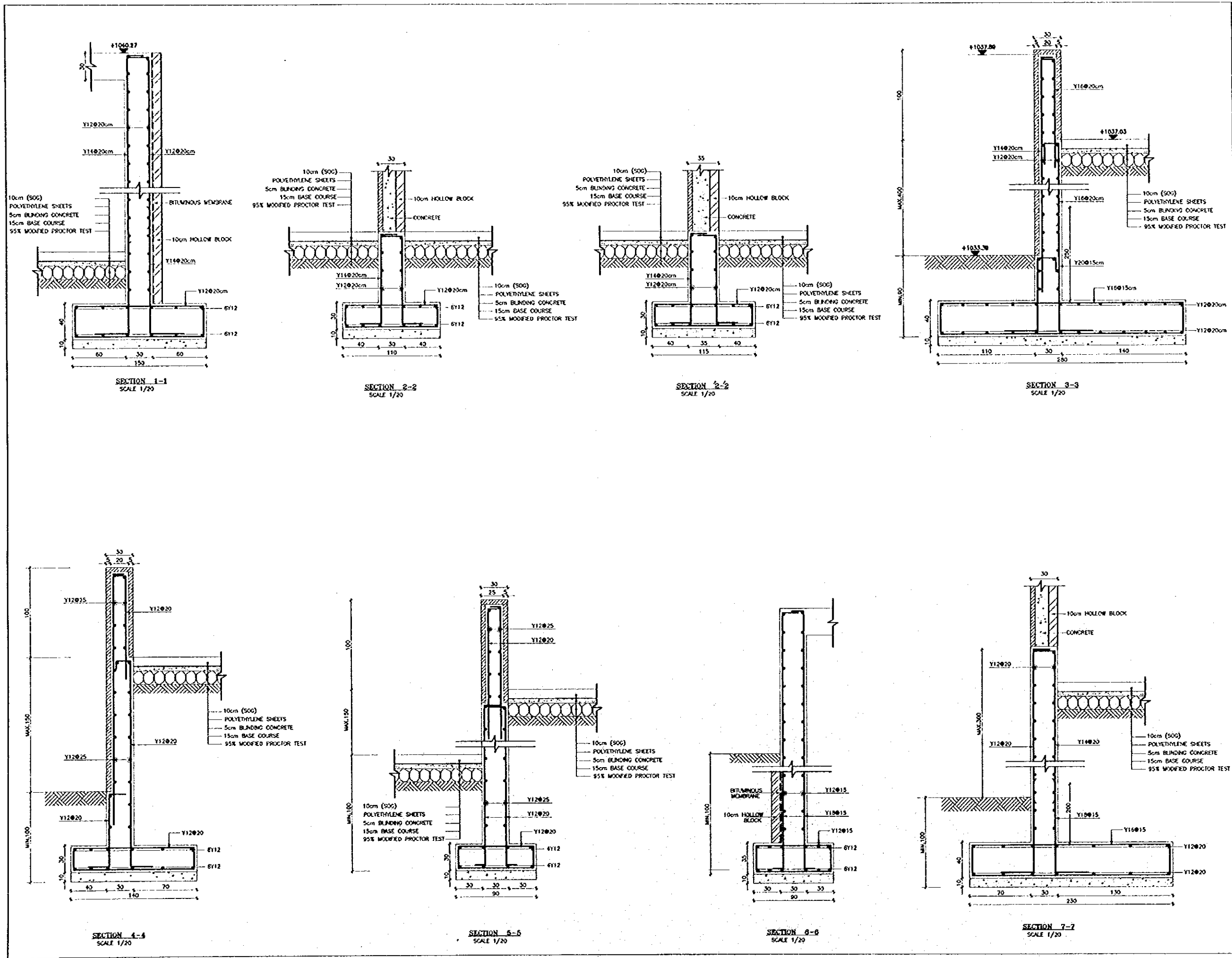
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FOUNDATION PLAN
 Drawing Title:

Scale: 1/100 Drawing No: UOP.S-005



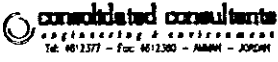
Project:
 Tourism Sector Development Project
 in the Hashemite Kingdom of Jordan

Executing Agency
 The Ministry of Tourism and Antiquities
 The Ministry of Planning

SUB-PROJECT:
 Karak Tourism Development Project
 Upper Observation Point

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FOUNDATION DETAILS-1
 Drawing Title:

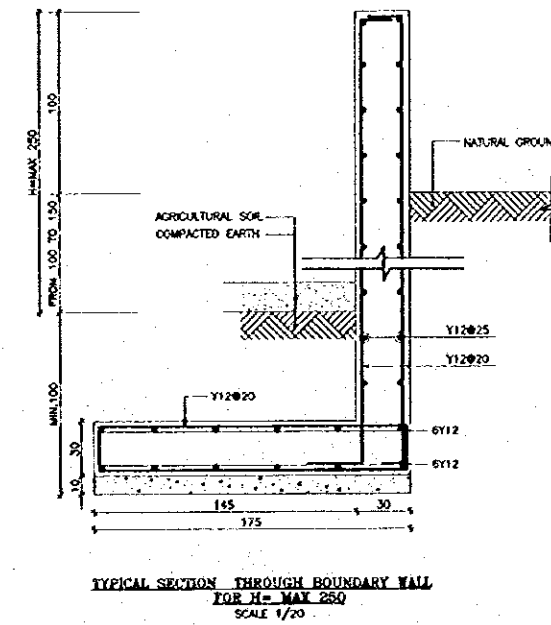
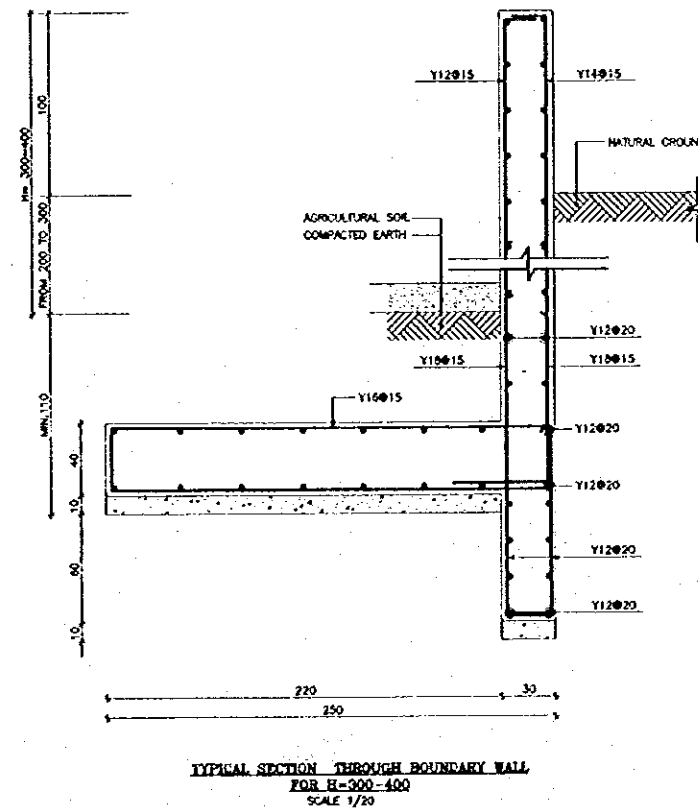
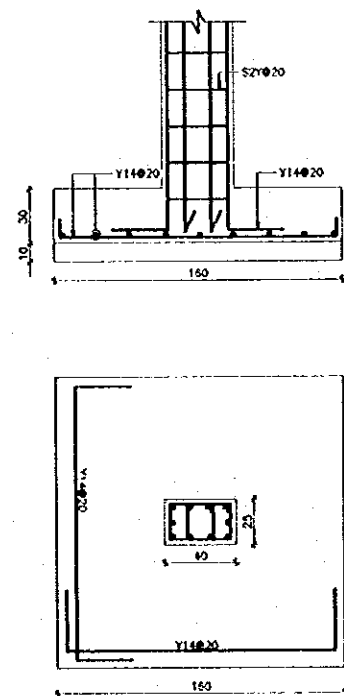
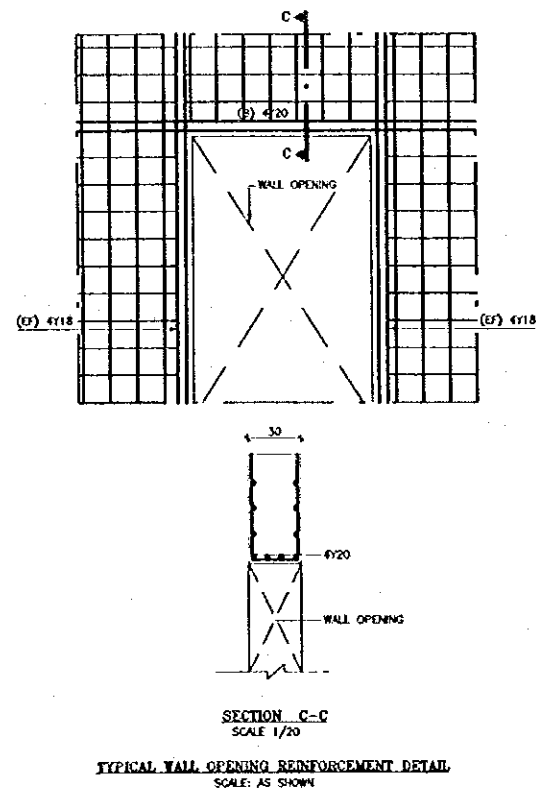
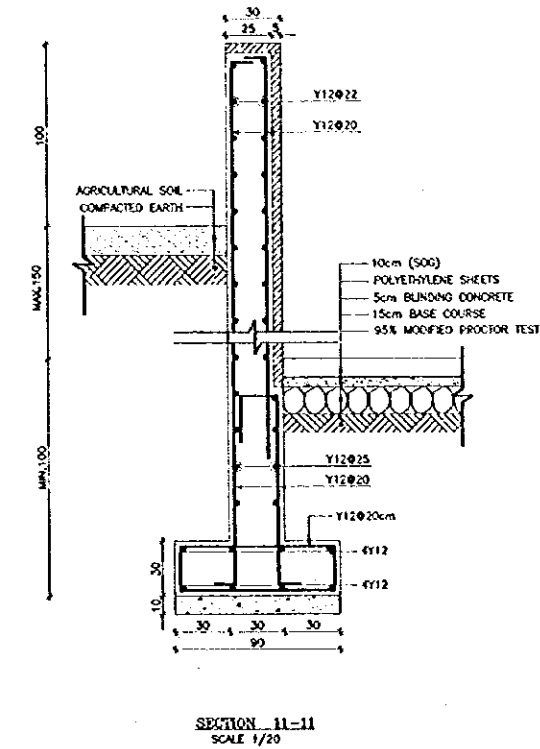
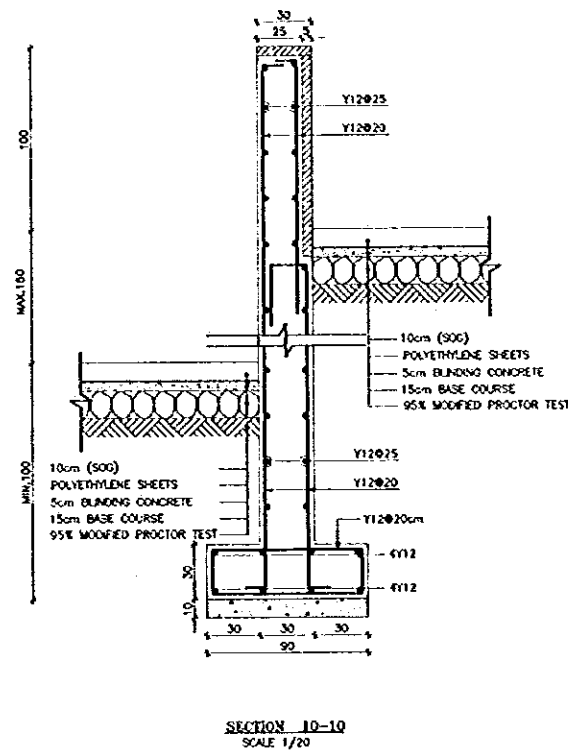
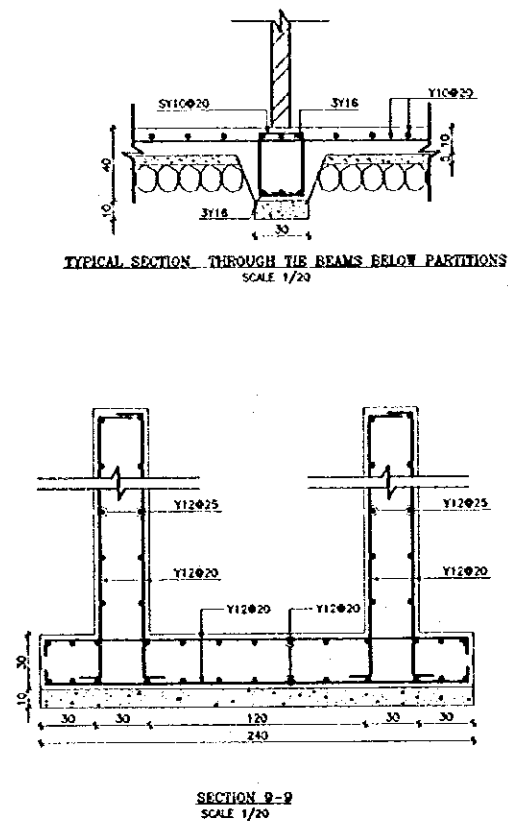
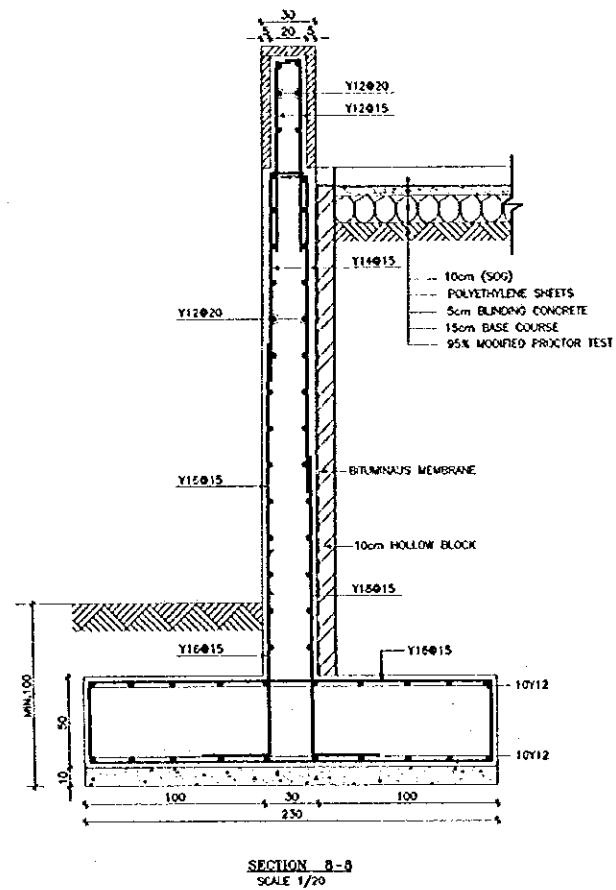
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Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Upper Observation Point

Note:
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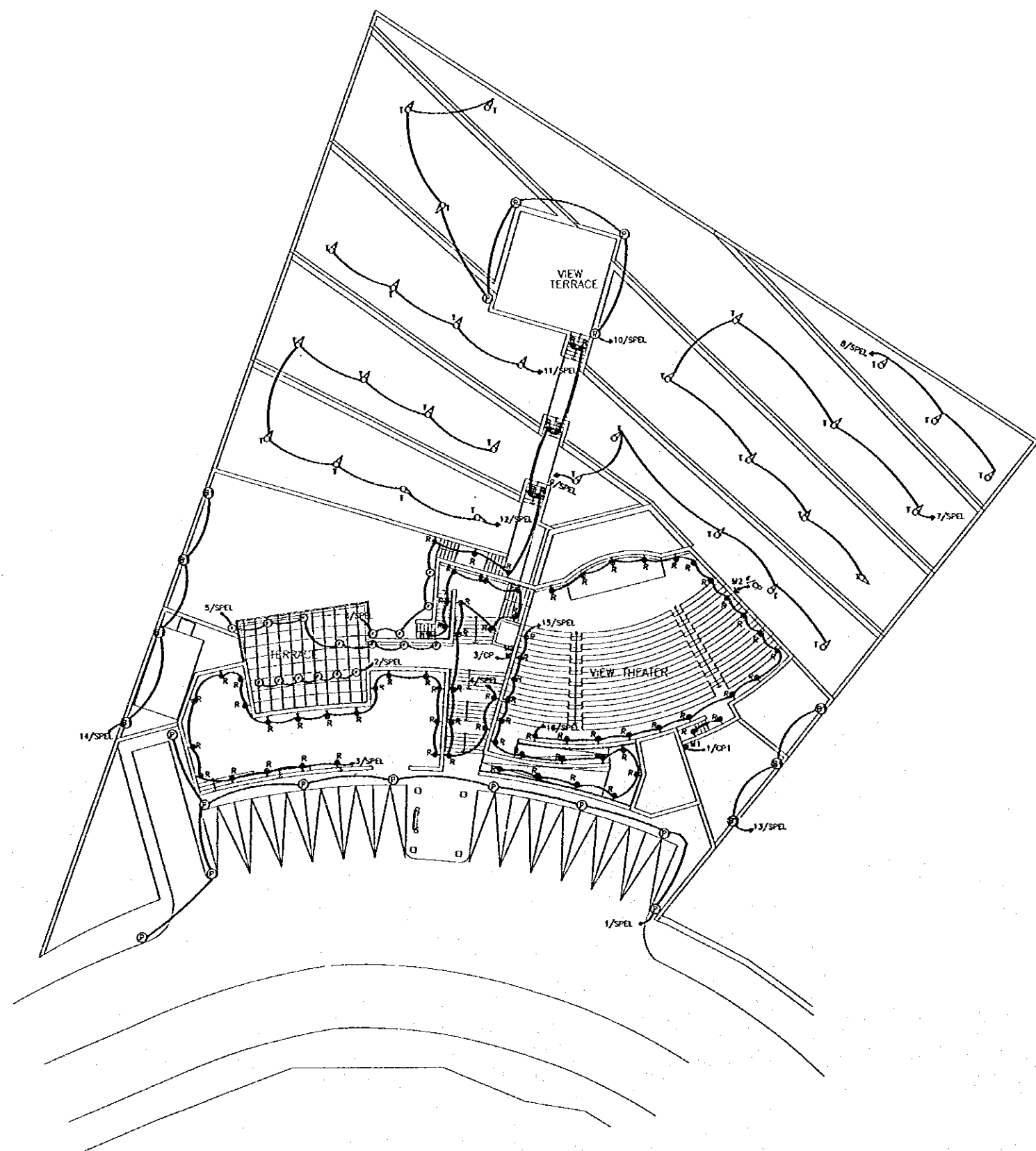


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FOUNDATION DETAILS-2
Drawing Title:

Scale: 1/20 Drawing No: UOP.S-007



Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
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Upper Observation Point

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LEGEND AND NOTES

- ① 45cm HIGH BOLLARD WITH 70W SON LAMP (S1)
- ② 2m HIGH LIGHTING POLE WITH 70W SON LAMP (S2)
- ③ 70W SON/PS87 RECESSED IN FLOOR LIGHTING UNIT (S3)
- ④ RECESSED IN WALL LIGHTING UNIT WITH 11W LP LAMP (F4)
- ⑤ 150W TUNGSTON HALOGEN PLANTER SPIKE TYPE (H1)
- PVC CONDUIT UNDER GROUND(Ø25mm) OTHERWISE
INDICATED.

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JICA Study Team:
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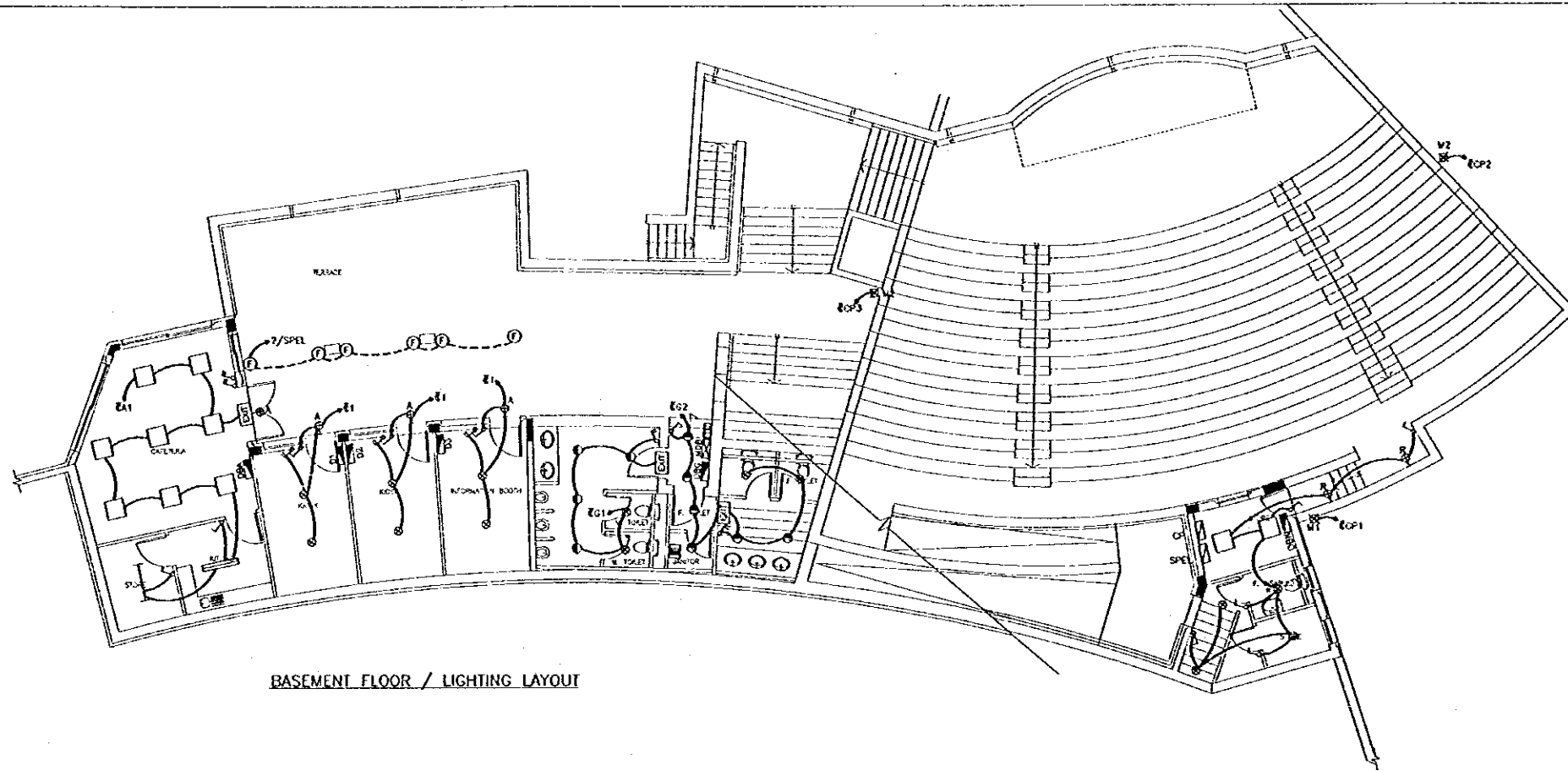
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**SITE PLAN
LIGHTING LAYOUT**

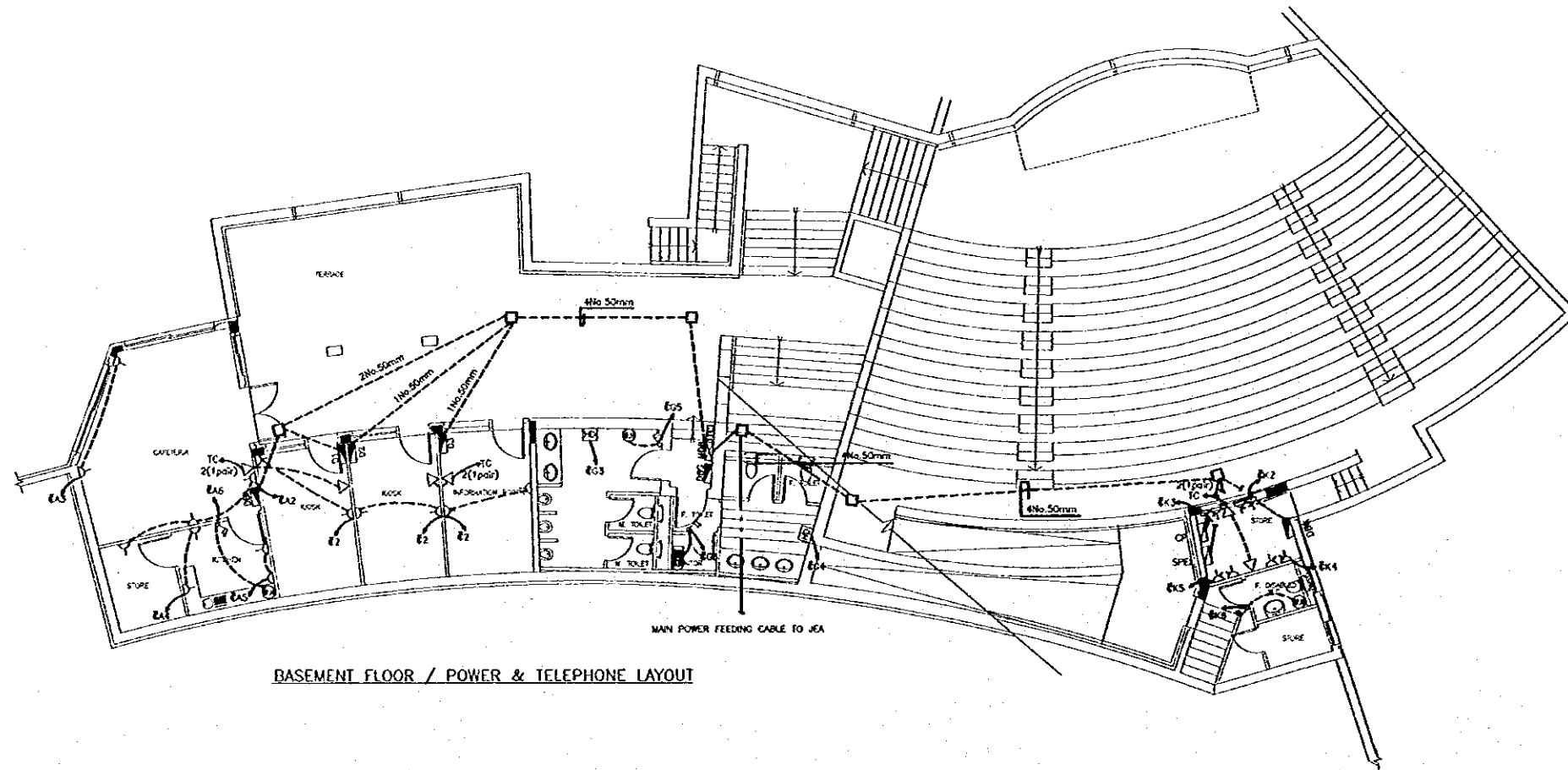
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Scale:
1/200

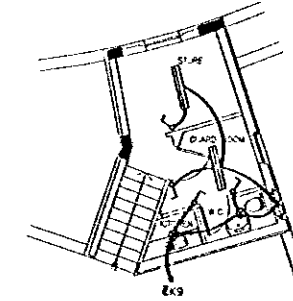
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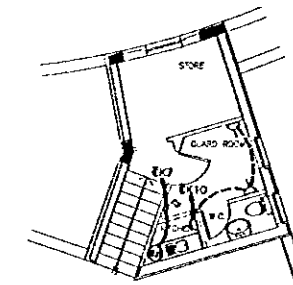
BASEMENT FLOOR / LIGHTING LAYOUT



BASEMENT FLOOR / POWER & TELEPHONE LAYOUT



GROUND FLOOR / LIGHTING LAYOUT



GROUND FLOOR / POWER LAYOUT

Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Upper Observation Point

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LEGEND AND NOTES.

- CP HIGH MAST CONTROL AND POWER SUPPLY PANEL.
- M12 12m HIGH, HIGH MAST WITH RECTANGULAR BASKET
FIXED ON IT 4No. 1000W SON FLOOD LIGHT AND
4No. 1000W WEN FLOOD LIGHT, ALL FLOODS SHALL
BE AWED AT LIGHT.
- M22 DITTO BUT 8M 100W.
- 60W RECESSED SPOT LIGHT (E1).
- ⊙ 60W CEILING CLORE (E2).
- A SHOP BANNER LIGHTING POINT.
- 4x12W SURFACE MOUNTED FLUORESCENT WITH LAMBE (F1).
- ▭ DITTO BUT 2x42W FLUORESCENT WITH PRISMATIC
DIFFUSER (F2).
- 1x42W FLUORESCENT BATTEN TYPE (F3).
- ☐ HAND DRYER.
- EXIT 2x2W NON-MAINTAINED EMERGENCY LIGHT
WITH EXIT SIGN (E1).
- △ 13A SINGLE PHASE SOCKET OUTLET
3PIN WITH SWITCH.
- ▽ TELEPHONE SOCKET OUTLET.
- ☎ 10 PAIR TELEPHONE BOX.
- ⚡ 20A DOUBLE POLE SWITCH WITH PILOT LAMP.
- ⊕ WATER HEATER.
- EXHAUSTED FAN.
- CONDUIT EMBEDDED IN SLAB(φ20mm)
- - - CONDUIT UNDER TILES OR GROUND (φ25mm)
OTHERWISE INDICATED.
- DIRECT BURIED CABLE
- (40x40x40)mm MANHOLE

Designed by:
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JICA Study Team:
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Subcontracted Local Consultant:

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2/F, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

GROUND & BASEMENT FLOORS
LIGHTING, POWER
& TELEPHONE SYSTEM

Drawing Title:

Scale:
1/100

Drawing No:
UOP.E-002

DISTRIBUTION PANEL BOARD

BUILDING - UPPER OBSERVATION POINT LOCATION - BUDGET - PANEL NO. - 01/02/03

VOLTAGE & FREQ - 230V, 50Hz

DESIGNATION OF LOAD	WATTAGE	TRIP RATING	WIRE SIZE IN METERS
LIGHTING	2.5	10A	1.5
SOCKET OUTLET	2.5	10A	1.5
SPARE		10A	1.5
SPARE		10A	1.5
SPARE		10A	1.5
SPARE		10A	1.5

TOTAL CONNECTED WATTS 700

100A ISOLATOR

	CONN. LW	LIGHTING	SOCKET OUTLET	MISC.	TOTAL
TOTAL CONNECTED LOAD	0.7				
TOTAL DEMAND LOAD	0.4	0.3	0.1		
20% FUTURE LOAD	0.1	0.1	0.1		
PANEL LOAD	0.3	0.2	0.2		0.4

DISTRIBUTION PANEL BOARD

BUILDING - UPPER OBSERVATION POINT LOCATION - BUDGET - PANEL NO. - 04

VOLTAGE & FREQ - 230V, 50Hz

DESIGNATION OF LOAD	WATTAGE	TRIP RATING	WIRE SIZE IN METERS
LIGHTING	2.5	10A	1.5
SOCKET OUTLET	2.5	10A	1.5
SOCKET OUTLET	2.5	10A	1.5
SOCKET OUTLET	2.5	10A	1.5
SOCKET OUTLET	2.5	10A	1.5
WATER HEATER	4	10A	1.5
SPARE		10A	1.5
SPARE		10A	1.5
SPARE		10A	1.5

TOTAL CONNECTED WATTS 4000

100A ISOLATOR

	CONN. LW	LIGHTING	SOCKET OUTLET	MISC.	TOTAL
TOTAL CONNECTED LOAD	1.8				
TOTAL DEMAND LOAD	3.3	1	1.8	2	
20% FUTURE LOAD	0.7	0.9	0.4	0.8	
PANEL LOAD	1	0.9	0.5	1.6	3.3

DISTRIBUTION PANEL BOARD

BUILDING - UPPER OBSERVATION POINT LOCATION - BUDGET - PANEL NO. - 02

VOLTAGE & FREQ - 230V, 50Hz

DESIGNATION OF LOAD	WATTAGE	TRIP RATING	WIRE SIZE IN METERS
LIGHTING	2.5	10A	1.5
HAND DRYER	4.0	20A	2.5
HAND DRYER	4.0	20A	2.5
SPARE		10A	1.5
SPARE		10A	1.5
SPARE		10A	1.5

TOTAL CONNECTED WATTS 2000

100A ISOLATOR

	CONN. LW	LIGHTING	SOCKET OUTLET	MISC.	TOTAL
TOTAL CONNECTED LOAD	8.8				
TOTAL DEMAND LOAD	2.1	1.8		7	
20% FUTURE LOAD	1.4	0.9		0.8	
PANEL LOAD	8.5	1.5		5.8	7.1

DISTRIBUTION PANEL BOARD

BUILDING - UPPER OBSERVATION POINT LOCATION - BUDGET - PANEL NO. - 05

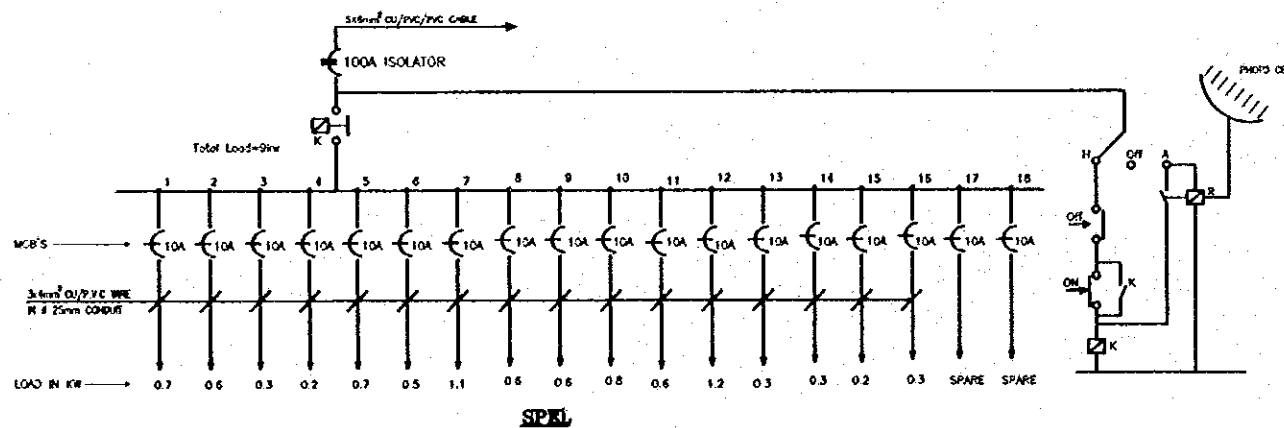
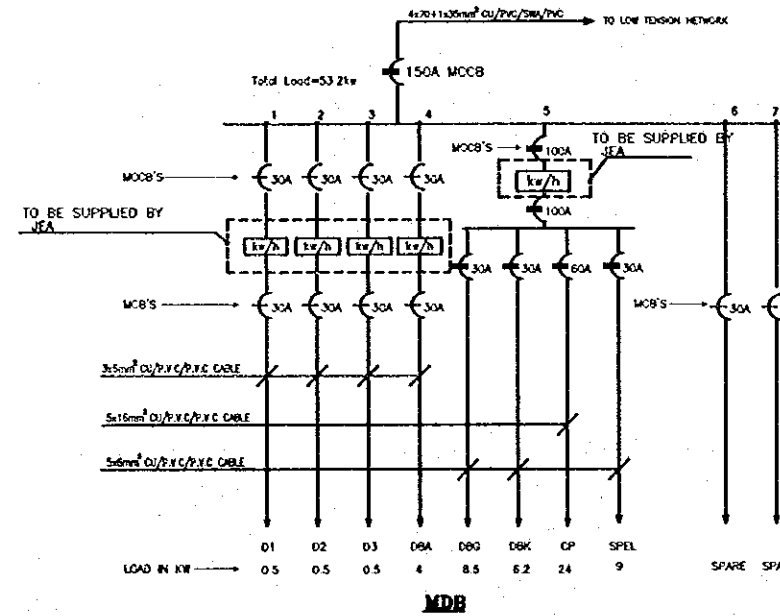
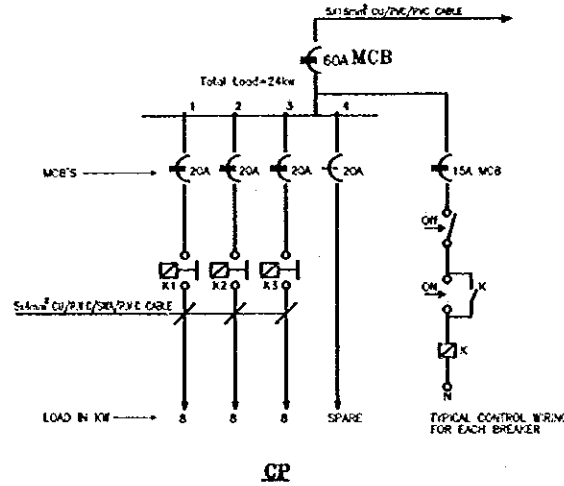
VOLTAGE & FREQ - 230V, 50Hz

DESIGNATION OF LOAD	WATTAGE	TRIP RATING	WIRE SIZE IN METERS
LIGHTING	2.5	10A	1.5
SOCKET OUTLET	2.5	10A	1.5
SOCKET OUTLET	2.5	10A	1.5
WATER HEATER	4.0	10A	1.5
LIGHTING	2.5	10A	1.5
SPARE		10A	1.5

TOTAL CONNECTED WATTS 3100

100A ISOLATOR

	CONN. LW	LIGHTING	SOCKET OUTLET	MISC.	TOTAL
TOTAL CONNECTED LOAD	2.4				
TOTAL DEMAND LOAD	5.2	1.2	2.2	4	
20% FUTURE LOAD	1	0.9	0.4	0.8	
PANEL LOAD	8.2	1.1	0.9	3.2	5.2



Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Upper Observation Point

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DISTRIBUTION BOARDS

Drawing Title:

Scale:
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Drawing No.:
UOP.E-003

Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Upper Observation Point

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- LEGEND:**
- AVV AIR ADMITTANCE VALVE
 - CO CLEAN OUT
 - FD FLOOR DRAIN
 - SH SHOWER
 - UPVC UNPLASTICIZED POLY(VINYL CHLORIDE)
 - UG UNDER DRAIN
 - UT UNDER TRAY
 - VP VENT PIPE
 - DP DRAIN PIPE
 - F/A FROM ABOVE
 - F/B FROM BELOW
 - WD WATER DISTRIBUTION BOX
 - EWI ELECTRIC HOT WATER HEATER CAPACITY 20 LIT
 - EW2 ELECTRIC HOT WATER HEATER CAPACITY 20 LIT
 - SSP GALVANIZED STEEL PIPE (CLASS B)
 - WM WATER METER
 - UTS UTILITY
 - CWS COLD WATER SUPPLY
 - ALPE CROSS LINKED POLYETHYLENE
 - EXF EXHAUST FAN
 - DMH DRAIN MANHOLE
 - FET FINE EXHAUSTER (BY 200)
 - FES FINE EXHAUSTER (BY 300)
 - CP CONCRETE PIPE
 - WAJ WATER AUTHORITY OF JORDAN
 - HDPE HIGH DENSITY POLYETHYLENE

- SYMBOLS:**
- SH SHOWER
 - FD FLOOR DRAIN
 - CO CLEAN OUT
 - DP DRAIN PIPE
 - CWS COLD WATER SUPPLY
 - DP DRAIN PIPE
 - HW HOT WATER SUPPLY

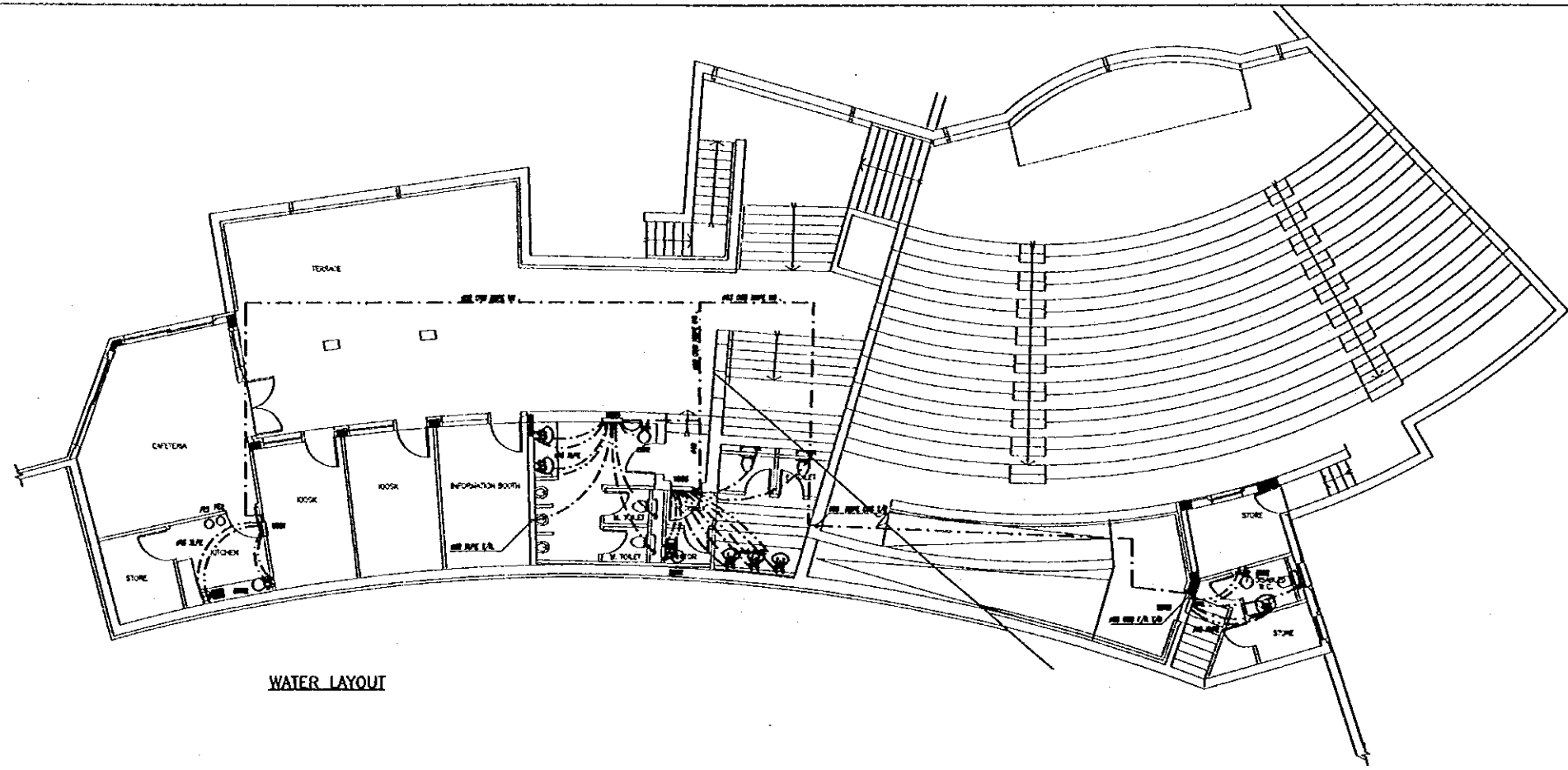
- GENERAL NOTES:**
- ALL DRAINAGE PIPES SHALL BE UPVC CLASS B DR.
 - ALL UNDER RIE DOMESTIC WATER PIPES SHALL BE ALPE UNLESS OTHER USE STATED.
 - ALL MANHOLE COVERS SHALL BE MEDIUM DUTY.
 - EXTRACT FANS SHALL BE ACCOMPANIED WITH AUTOMATIC SHUTTER.
 - CONTRACTOR SHALL COMPLY WITH WAJ REGULATIONS FOR MANHOLES, PIPE CROSSING THE STREET, ETC.
 - CONTRACTOR SHALL COORDINATE ALL HIS WORKS WITH WAJ PRIOR TO INSTALLATION.

Designed by:
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JICA Study Team:
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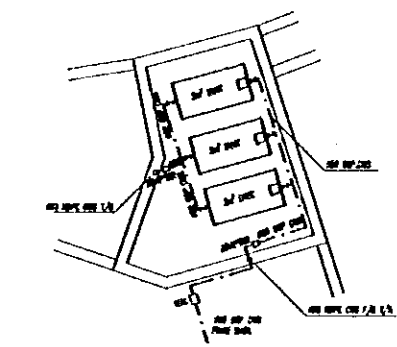
consolidated consultants
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**GROUND & BASEMENT FLOORS
WATER, DRAINAGE
& ROOF LAYOUTS**

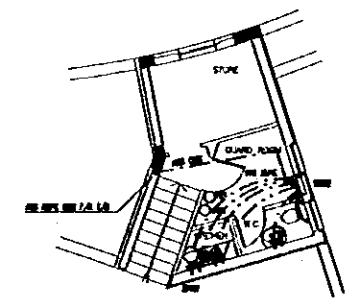
Drawing Title:
Scale: 1/100
Drawing No.: UOP.M-001



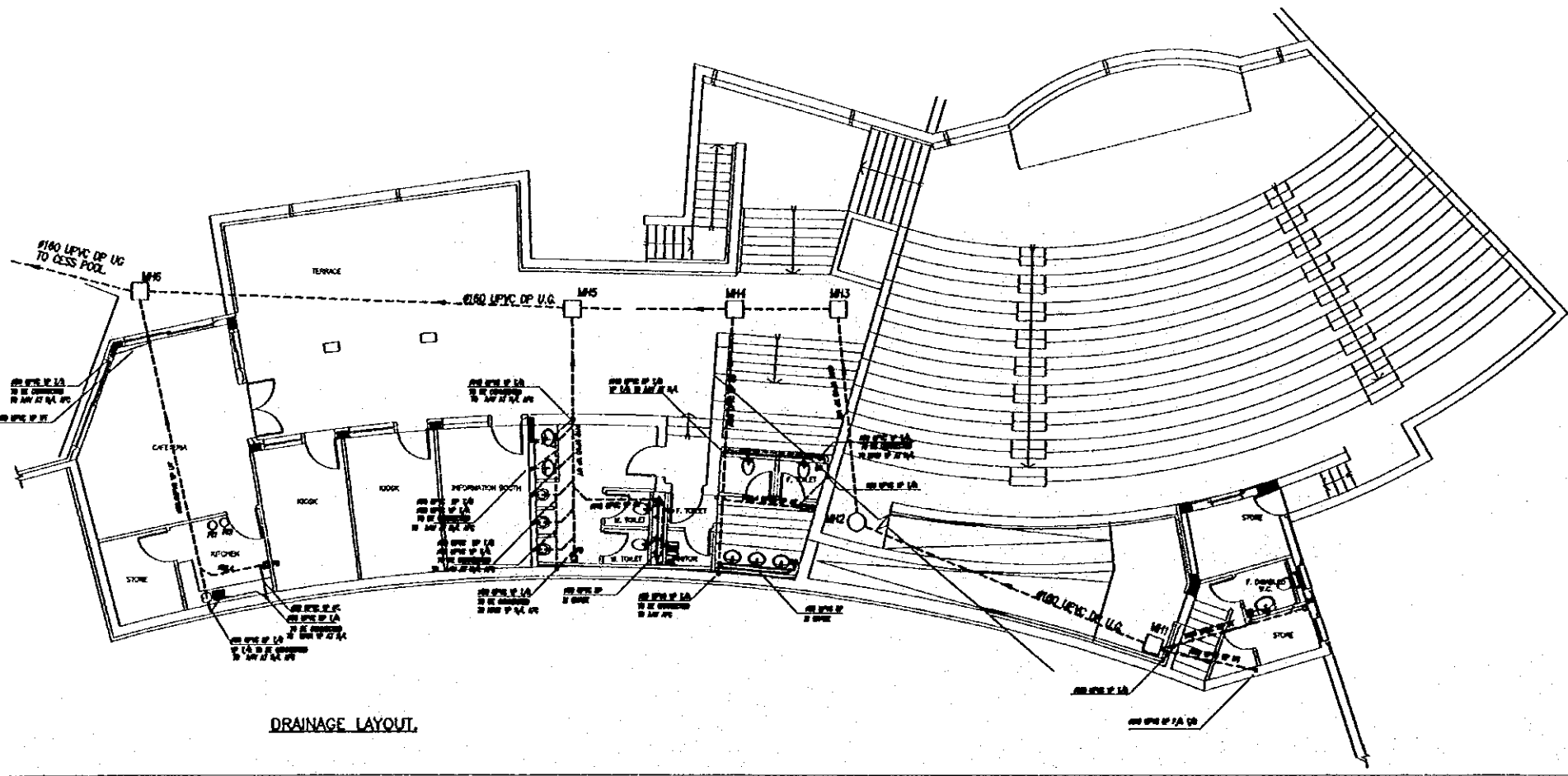
WATER LAYOUT



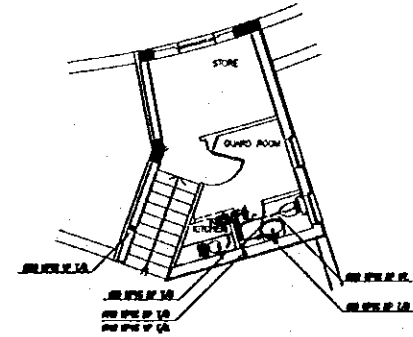
WATER LAYOUT



WATER LAYOUT



DRAINAGE LAYOUT



DRAINAGE LAYOUT

MANHOLE SCHEDULE					
NO.	COVER LEVEL	INVERT LEVEL	DEPTH (m)	SIZE (m)	NOTES
MH1	1038.20	1038.80	800	800x800	-
MH2	1038.10	1037.23	1870	800	DRAIN.
MH3	1037.03	1036.51	520	800x800	-
MH4	1037.03	1036.43	800	800x800	-
MH5	1037.03	1036.33	700	800x800	-
MH6	1037.03	1036.13	900	800x800	-

FANS SCHEDULE								
FAN NO.	LOCATION	SERVED AREA	CAPACITY L/SEC	ESTM TOTAL SPm/H2O	ESTM W	M.C.C. NO.		REMARKS
						NORMAL	EMERGENCY	
CE.F.1	BASEMENT	TOILETS	180	3.0	100	N		ST. ST. CEILING MOUNTED TYPE
CE.F.2	BASEMENT	KITCHEN	52	3.0	25	N		ST. ST. CEILING MOUNTED TYPE
CE.F.3	BASEMENT	TOILETS	154	3.0	96	N		ST. ST. CEILING MOUNTED TYPE
GF.4	GROUND FLOOR	TOILET	30	-	20	N		WINDOW TYPE WITH AUTOMATIC SHUTTER
GF.5	GROUND FLOOR	KITCHEN	20	-	20	N		WALL MOUNTED WITH AUTOMATIC SHUTTER
GF.6	BASEMENT	TOILET	25	-	20	N		WINDOW TYPE WITH AUTOMATIC SHUTTER

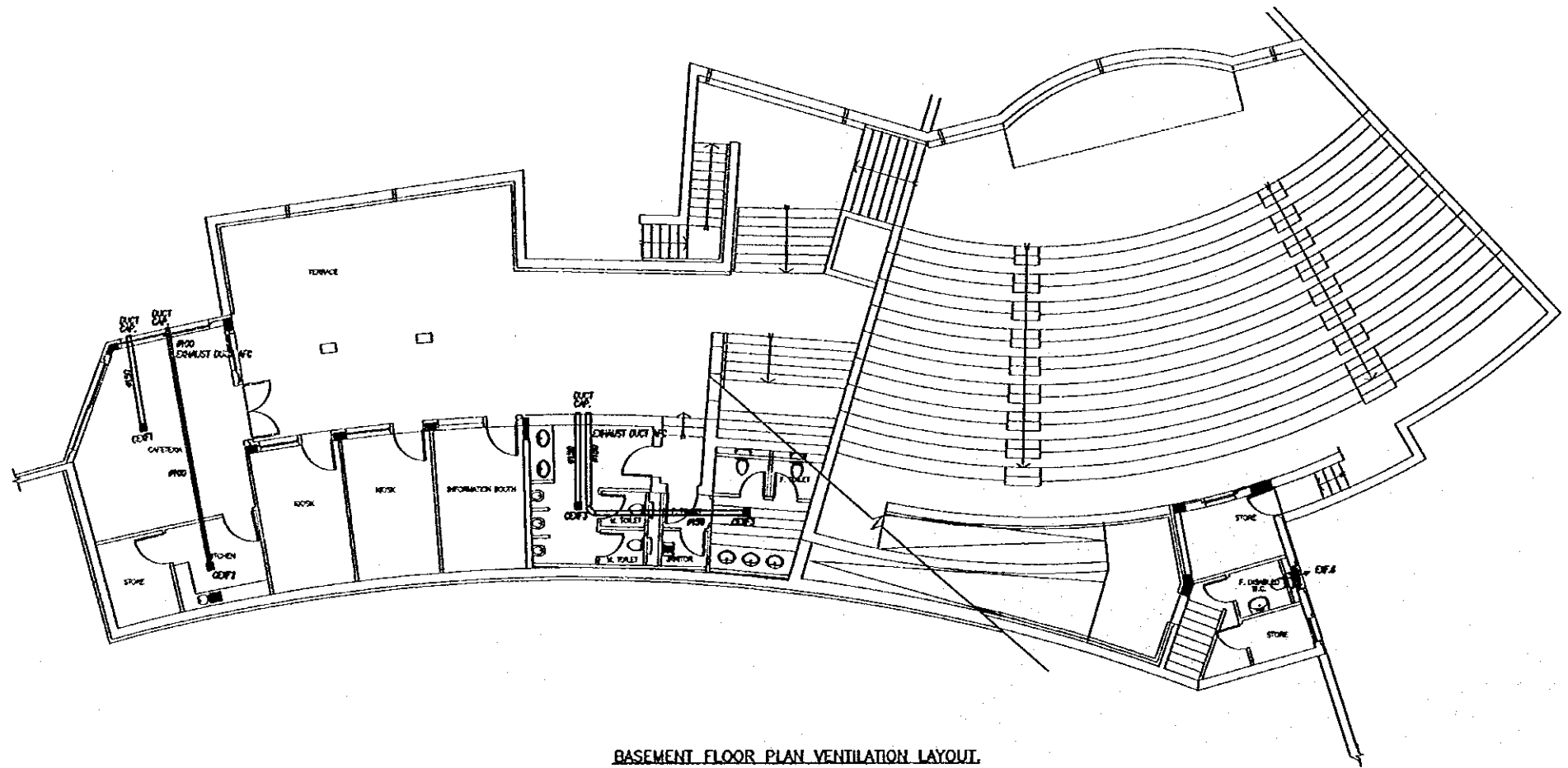
NOTES:
 CONTRACTOR SHALL SUBMIT CALCULATIONS OF RESISTANCE OF SYSTEM PRIOR TO OR WITH SUBMITTAL OF FANS. HE SHALL TAKE INTO CONSIDERATION THE ACTUAL RESISTANCE THROUGH PIPE & CAP.

Project:
 Tourism Sector Development Project
 in the Hashemite Kingdom of Jordan

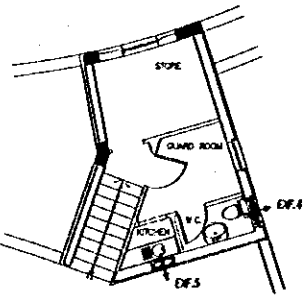
Executing Agency
 The Ministry of Tourism and Antiquities
 The Ministry of Planning

SUB-PROJECT:
 Karak Tourism Development Project
 Upper Observation Point

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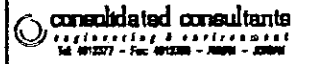
BASEMENT FLOOR PLAN VENTILATION LAYOUT.



GROUND FLOOR PLAN VENTILATION LAYOUT.

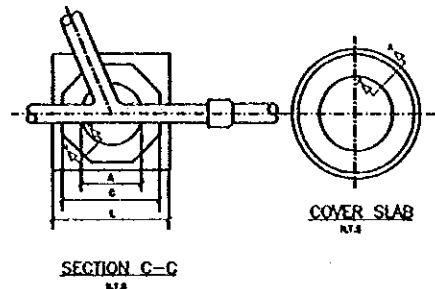
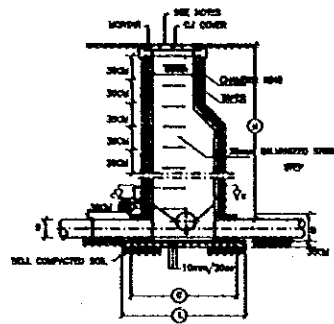
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 JICA Study Team:
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Subcontracted Local Consultant:



GROUND & BASEMENT FLOORS
 Drawing Title: **VENTILATION**

Scale: 1/100
 Drawing No.: UOP.W-002



COVER SLAB
N.T.S.

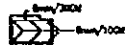
NOTE:-
1- MANHOLE COVER LEVEL SHOULD BE CORRELATED WITH THE FINISH FLOOR LEVEL.
2- ALL THESE LAYERS SHALL BE MAINTAINED COVER SHAPE THROUGHOUT.

PIPE SIZE (mm)	CO	CO	CO	CO	PIPE COVERED (mm)	PIPE COVERED (mm)
150	150	150	150	150	150	150
200	200	200	200	200	200	200
250	250	250	250	250	250	250

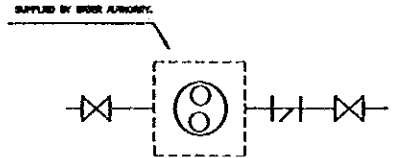
SEWAGE MANHOLE DETAIL



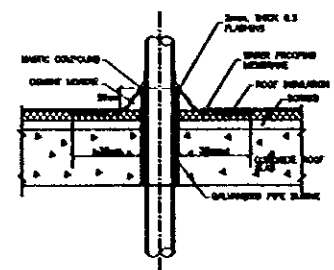
SECTION A-A



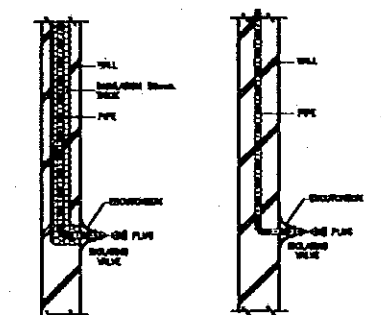
SECTION H-H



WATER METER DETAIL
N.T.S.

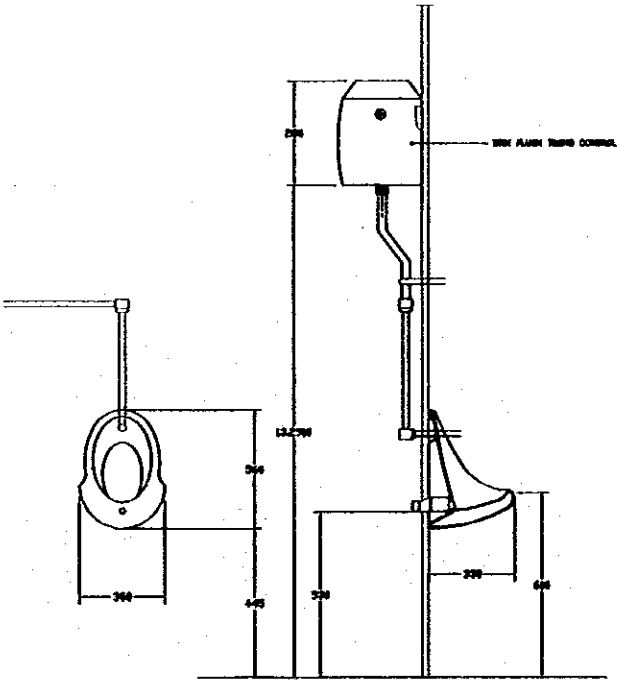


PIPE SLEEVE THROUGH ROOF

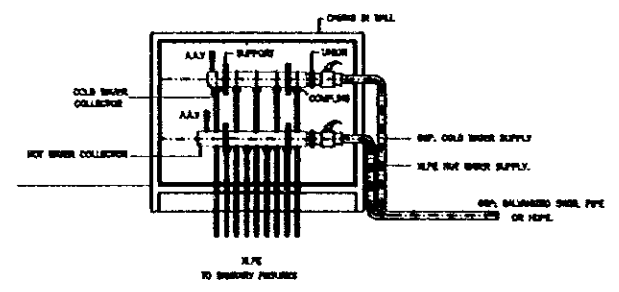


INSULATED PIPE NOT INSULATED PIPE

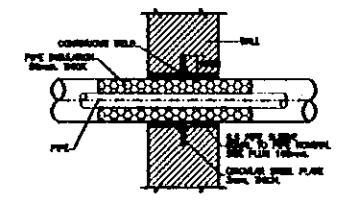
PIPE OUTLETS THROUGH WALL



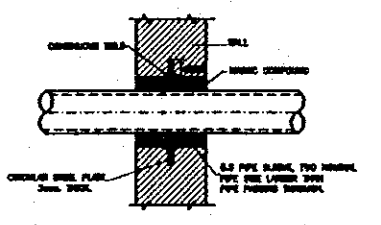
URINAL DETAIL
N.T.S.



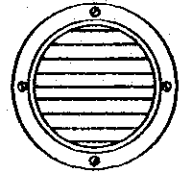
TYPICAL DETAIL OF WATER DISTRIBUTION BOX
N.T.S.



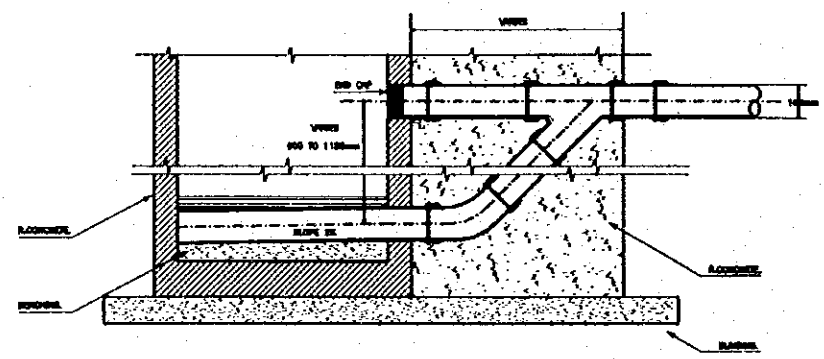
INSULATED PIPE SLEEVE THROUGH WALL



UNINSULATED PIPE SLEEVE THROUGH WALL



STAINLESS STEEL DUCT CAP
N.T.S.



DROP MANHOLE DETAIL
SCALE 1:20

Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Upper Observation Point

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Subcontracted Local Consultant:

consolidated consultants
Engineering & Environment
Tel: 0112277 - Fax: 0112288 - AMB - 22888

MECHANICAL DETAILS

Drawing Title:

Scale: AS SHOWN Drawing No.: UOP.M-003

KARAK TOURISM DEVELOPMENT PROJECT LOWER CASTLE OBSERVATION POINT

MARCH 2000

LIST OF DRAWINGS

ARCHITECTURAL DRAWINGS

Dwg. No.	DRAWING TITLE	SCALE
LOP.A-000	LIST OF DRAWINGS	N.T.S.
LOP.A-001	TOPOLOGICAL SURVEY & DEMOLISHING MAP	1:200
LOP.A-002	SITE PLAN	1:100
LOP.A-003	STORM WATER DRAINAGE PLAN (ROOF PLAN)	1:100
LOP.A-004	GROUND FLOOR AREA & PAVED AREA	1:100
LOP.A-005	GROUND FLOOR PLAN	1:50
LOP.A-006	ELEVATIONS	1:50
LOP.A-007	SECTIONS	1:50
LOP.A-008	ARCHITECTURAL DETAILS-1	1:10 , 1:20
LOP.A-009	ARCHITECTURAL DETAILS--2	1:10 , 1:20
LOP.A-010	ARCHITECTURAL DETAILS-3	1:10 , 1:20
LOP.A-011	FINISHING SCHEDULE & DOORS & WINDOWS DETAILS	1:5 , 1:10
LOP.A-012	SIGNAGE SCHEDULE	1:10
LANDSCAPE DRAWINGS		
LOP.L-001	TILLING PATTERN	1:100
LOP.L-002	PLANTING PLAN	1:100
LOP.L-003	LANDSCAPE DETAILS-1	1:20 , 1:50
LOP.L-004	LANDSCAPE DETAILS-2	1:10 , 1:20
LOP.L-005	LANDSCAPE DETAILS-3	1:10 , 1:20 1:50 , 1:100
LOP.L-006	LANDSCAPE DETAILS-4	1:10 , 1:20

STRUCTURAL DRAWINGS

Dwg. No.	DRAWING TITLE	SCALE
LOP.S-000a	GENERAL NOTES-1	N.T.S.
LOP.S-000b	GENERAL NOTES-2	N.T.S.
LOP.S-001	REINFORCEMENT DETAILS	1:100 , 1:20

ELECTRICAL DRAWINGS

Dwg. No.	DRAWING TITLE	SCALE
LOP.E-001	LIGHTING LAYOUT	1:100
LOP.E-002	POWER, TELEPHONE AND ELECTRICAL PANELS	N.T.S.
LOP.E-003	ELECTRICAL DETAILS	1:10

MECHANICAL DRAWINGS

Dwg. No.	DRAWING TITLE	SCALE
LOP.M-001	MECHANICAL WORKS	1:200 , 1:100
LOP.M-002	SITE PLAN DRIANAGE LAY OUT	1:200

Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency

The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:

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Lower Observation Point

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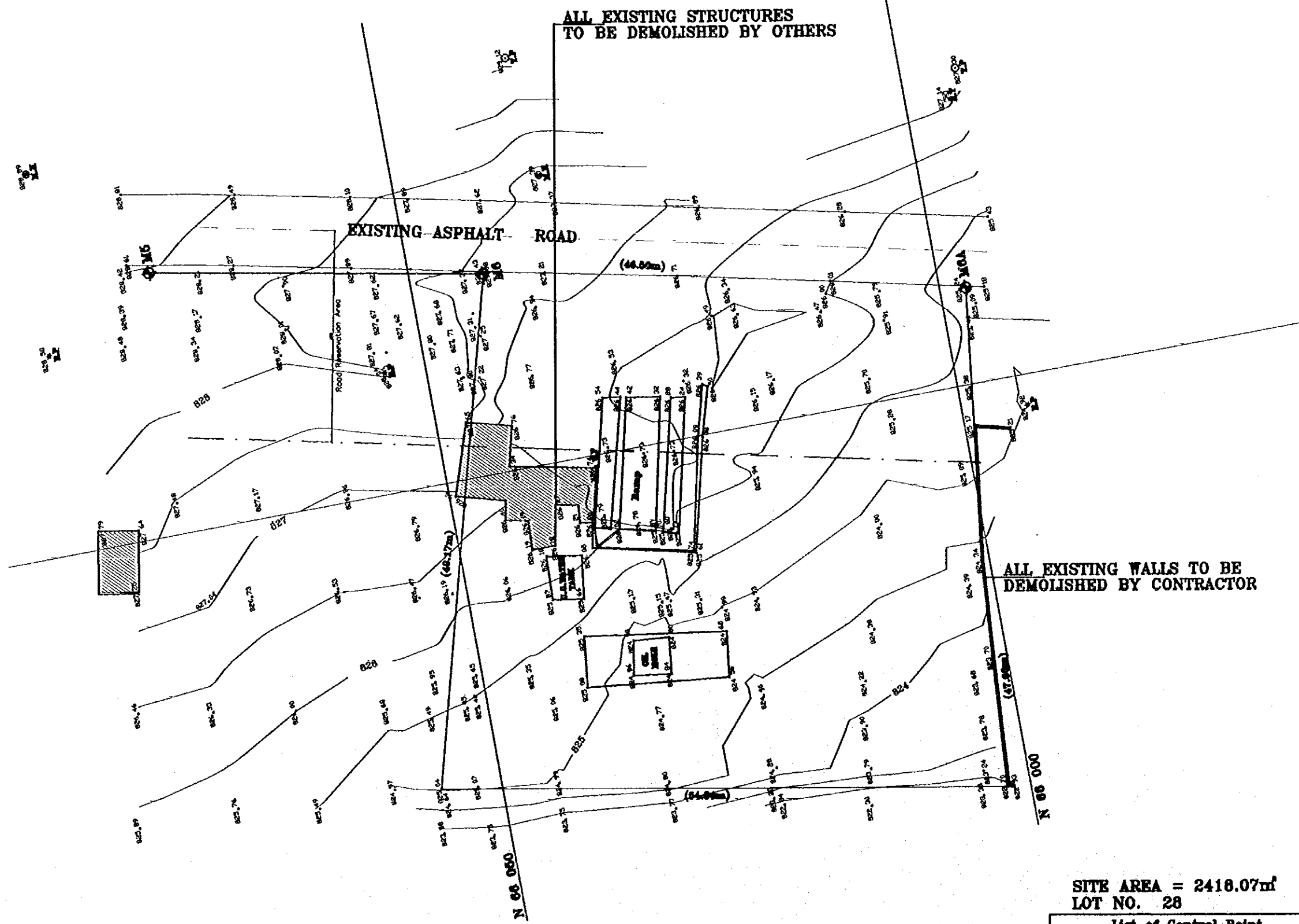
 consolidated consultants
Engineering & Environment
Tel. 602377 - Fax. 402380 - NHMT - 22501

LIST OF DRAWINGS

Drawing Title:

Scale:
N.T.S.

Drawing No.:
LOP.A-000



Project:
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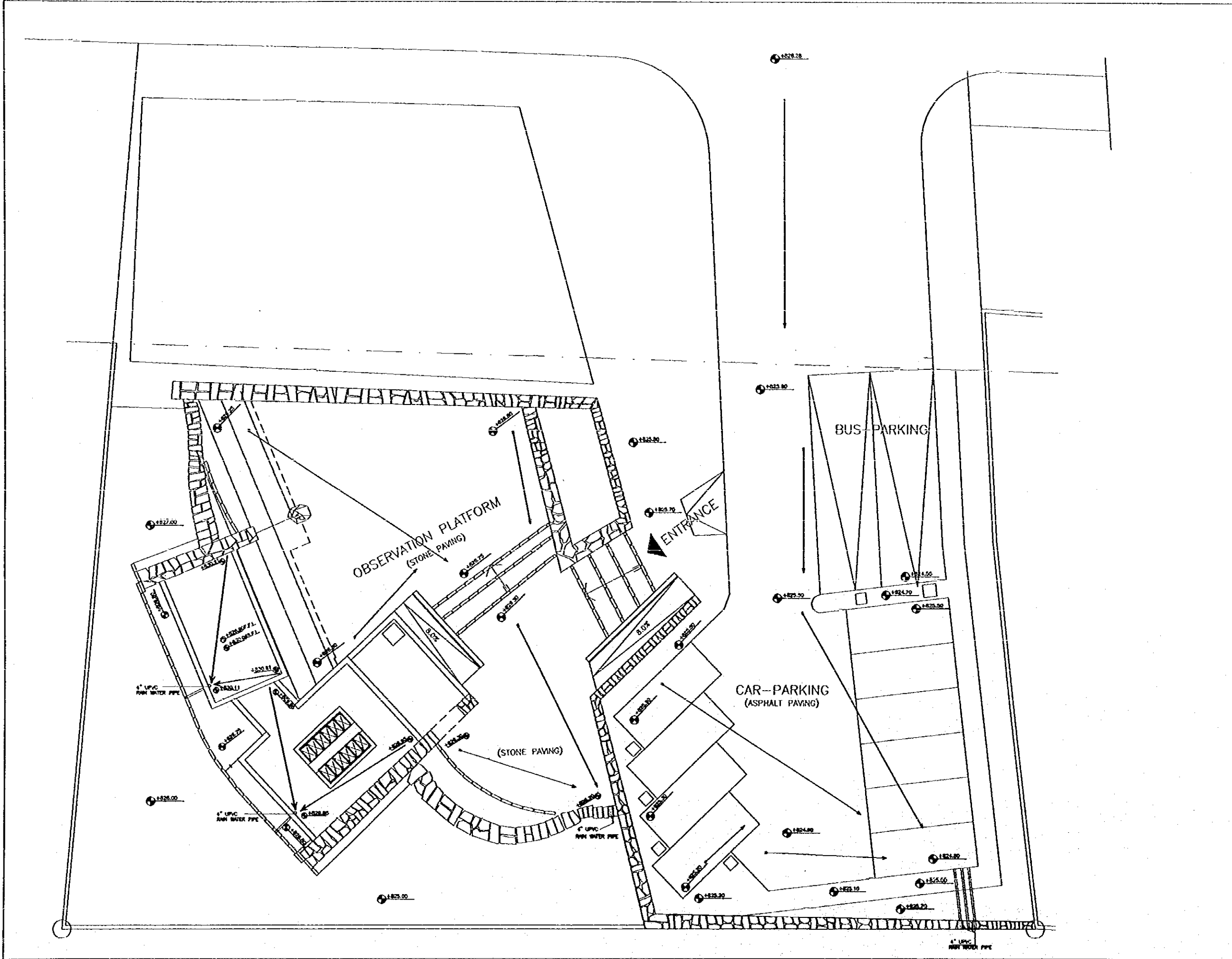
TOPOLOGICAL SURVEY &
 DEMOLISHING MAP

Drawing Title:

SITE AREA = 2418.07m²
 LOT NO. 28

List of Control Point			
	Northing	Easting	Elevation
M5	66074.57	216524.94	828.412
M6	66042.89	216518.86	827.389
M6A	65997.49	216509.06	825.24

Scale: 1/200
 Drawing No.: LOP.A-001



Project:
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**STORM WATER
 DRAINAGE PLAN
 (ROOF PLAN)**
 Drawing Title:

Scale: 1:100
Drawing No.: LOP.A-003

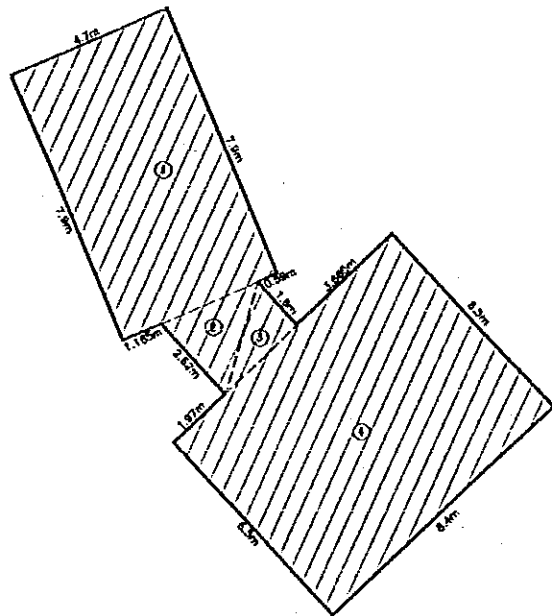
100

INTERNAL AREA TABLE FOR BUILDING

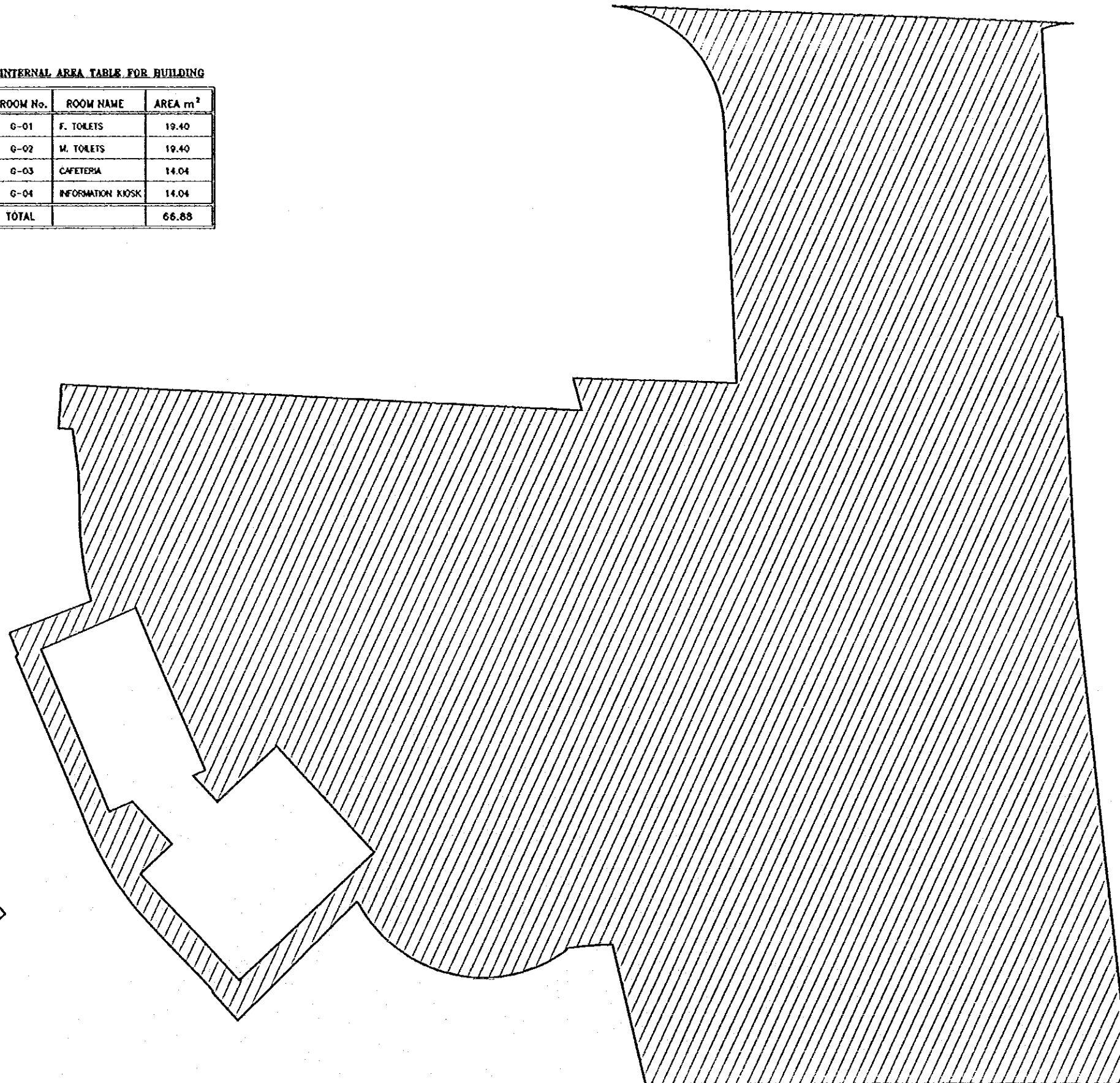
ROOM No.	ROOM NAME	AREA m ²
G-01	F. TOILETS	19.40
G-02	M. TOILETS	19.40
G-03	CAFETERIA	14.04
G-04	INFORMATION KIOSK	14.04
TOTAL		66.88

AREA TABLE FOR BUILDING

No.	DIMENSIONS	AREA m ²
1	4.70 x 7.90	+37.13
2	2.76 x 2.62 x 0.5	+3.61
3	2.76 x 1.61 x .05	+2.22
4	8.50 x 8.40	+54.60
TOTAL		97.56



GROUND FLOOR AREA = 97.56 sq.m.



PAVED AREA = 1195.59 sq.m.

Project:
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Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Lower Observation Point

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consolidated consultants
CONSULTANTS INTERNATIONAL
Tel: 9112377 - Fax: 9112365 - AMMAN - JORDAN

GROUND FLOOR AREA
& PAVED AREA

Drawing Title:

Scale:
1/100

Drawing No.:
LOPA-004

Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

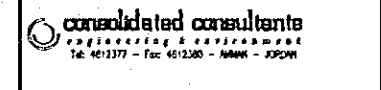
Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
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Lower Observation Point

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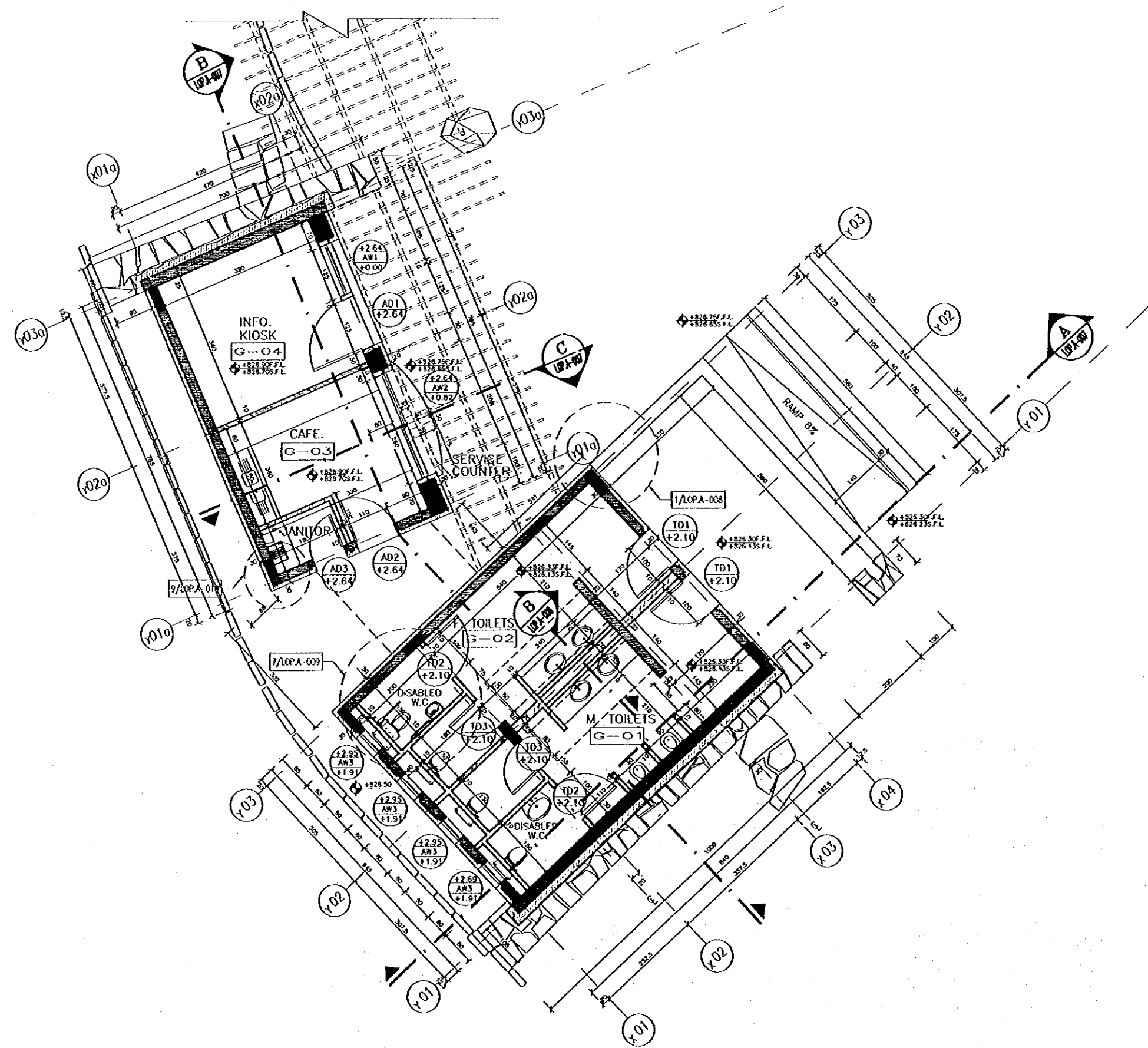
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GROUND FLOOR PLAN

Drawing Title:

Scale: 1/50
Drawing No: LOP.A-005



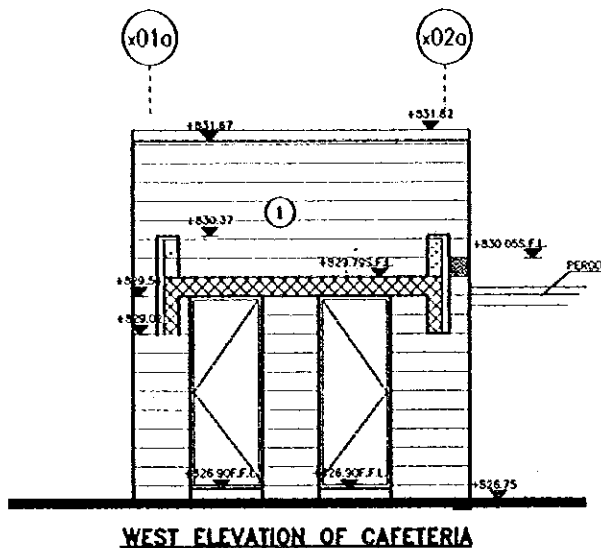
Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

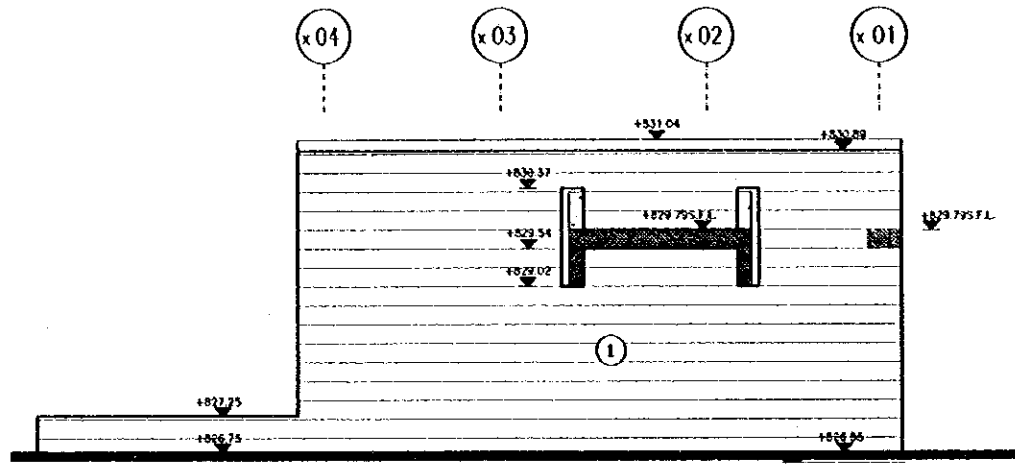
SUB-PROJECT:
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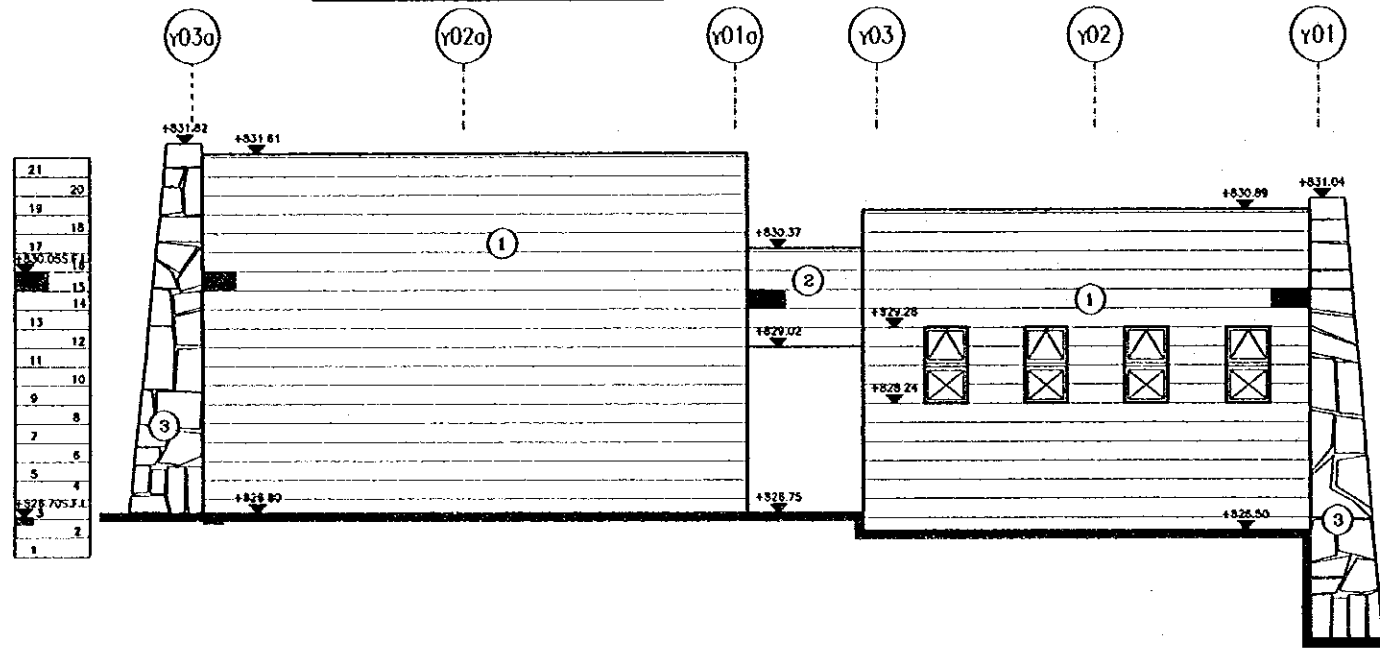
- LEGEND :
- ① : MA'AN WHITE STONE COURSES
 - ② : KARAK BLACK STONE COURSES
 - ③ : KARAK BLACK STONE (BG ROUGH CUTS)
 - ④ : WHITE RUBBLE STONE



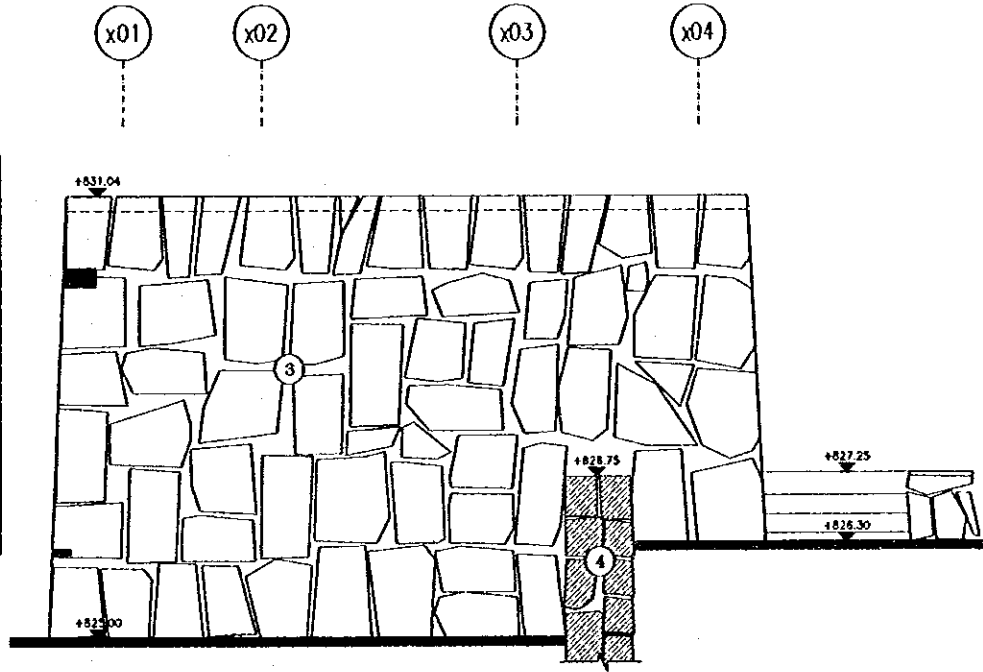
WEST ELEVATION OF CAFETERIA



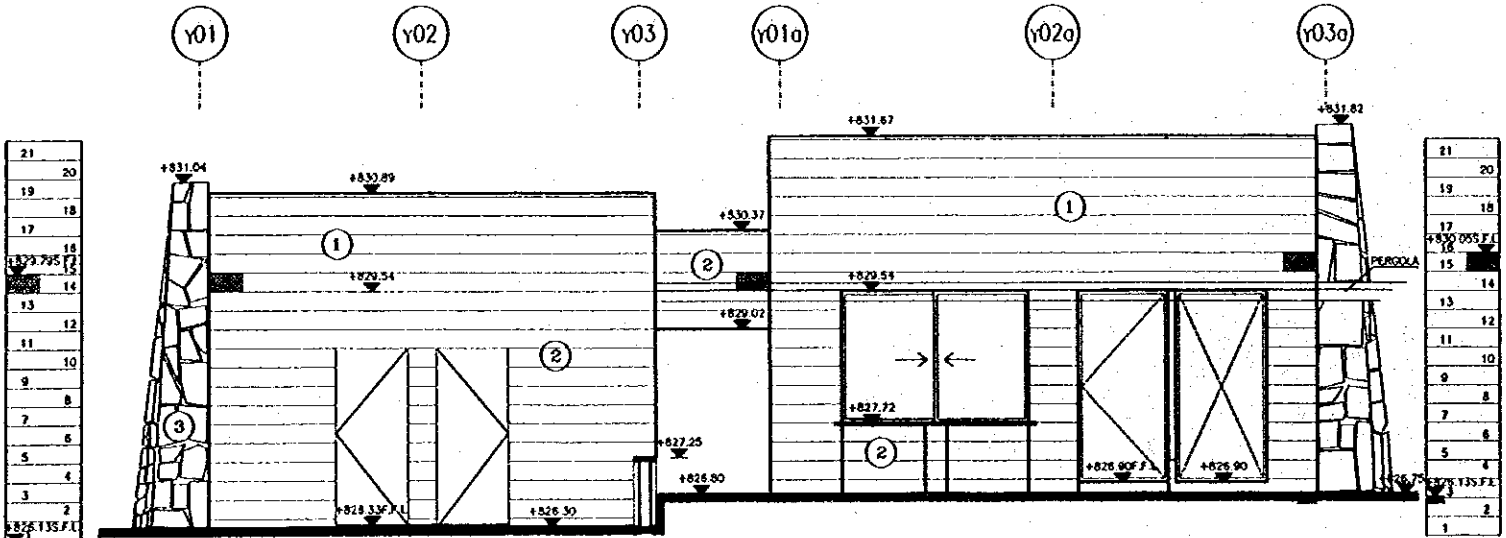
EAST ELEVATION OF W.C.



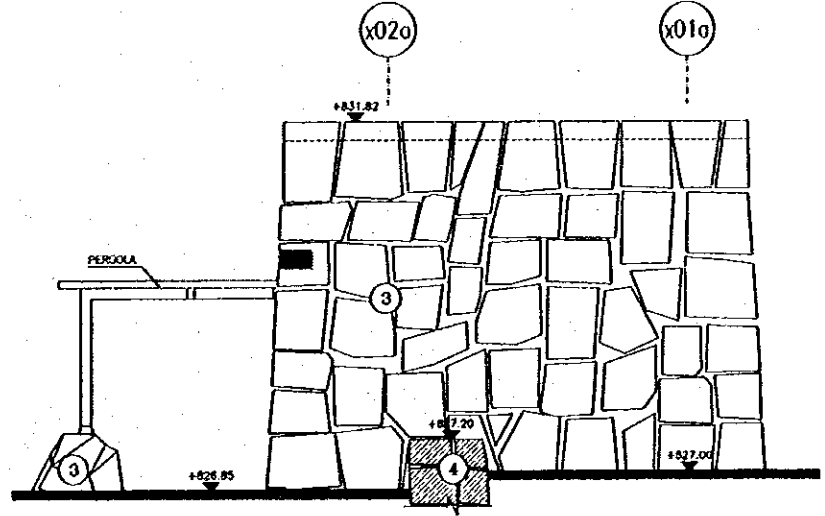
NORTH ELEVATION



WEST ELEVATION OF W.C.



SOUTH ELEVATION



EAST ELEVATION OF CAFETERIA

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consolidated consultants
engineering & environment
16, 401277 - Fax: 401280 - AMM - JAPAN

ELEVATIONS
Drawing Title:

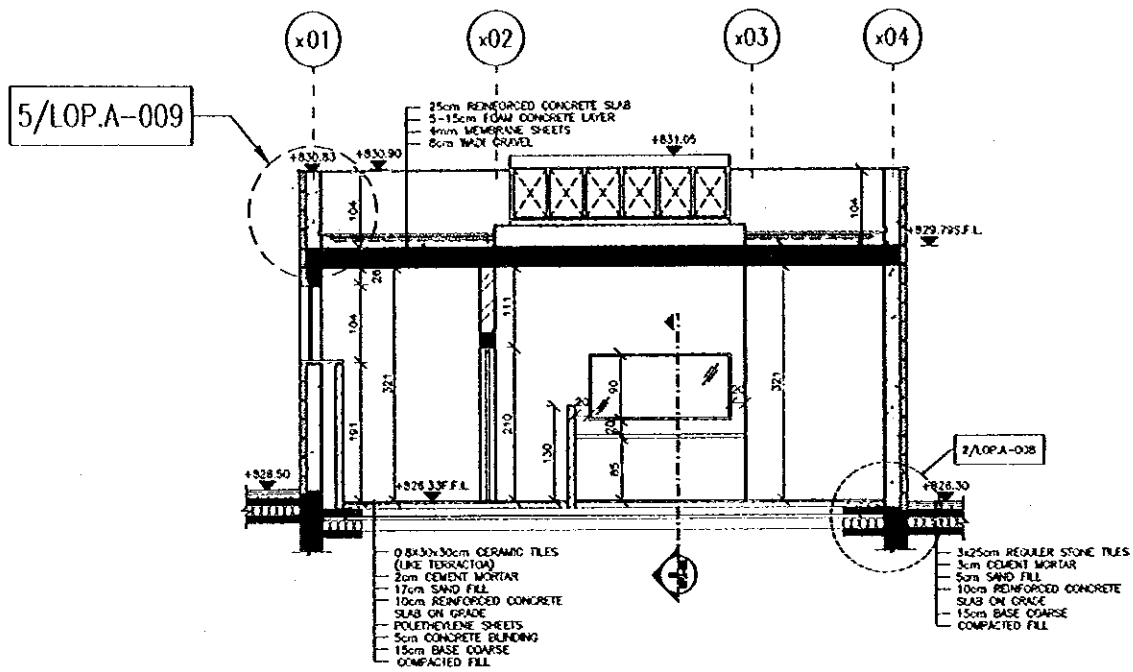
Scale: 1/50 Drawing No: LOP.A-006

Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan

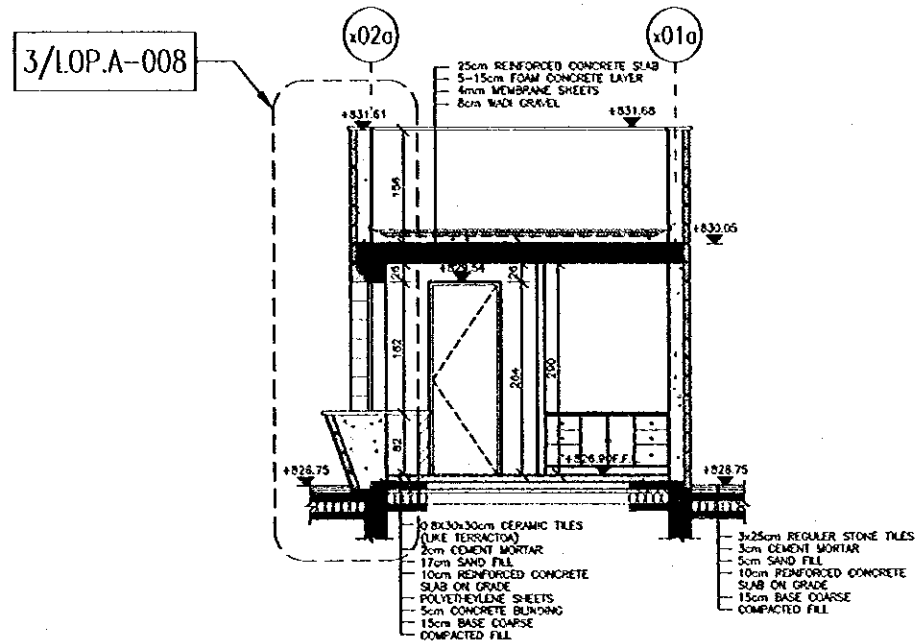
Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Lower Observation Point

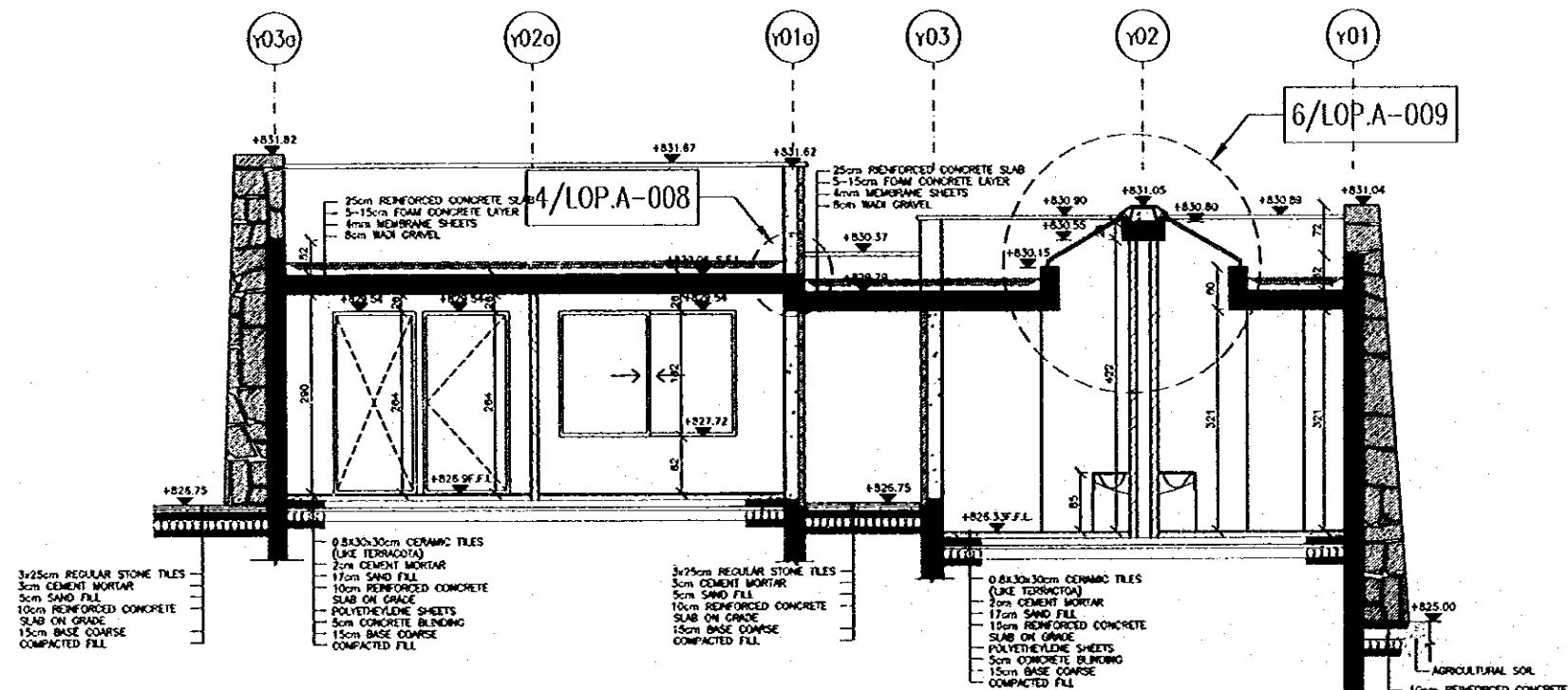
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SECTION (A-A)



SECTION (C-C)



SECTION (B-B)

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SECTIONS

Drawing Title:

Scale:
1/50

Drawing No.:
LOP.A-007