

JAPAN INTERNATIONAL COOPERATION AGENCY

THE GOVERNMENT OF THE HASHEMITE KINGDOM OF JORDAN
THE MINISTRY OF TOURISM AND ANTIQUITIES, THE MINISTRY OF PLANNING

DRAFT
TENDER DOCUMENTS FOR CONSTRUCTION
OF
KARAK TOURISM DEVELOPMENT SUB-PROJECT
THE TOURISM SECTOR DEVELOPMENT PROJECT

VOLUME IV
DRAWINGS

(1) TOURIST STREET, CASTLE OBESERVATION POINTS
VISITORS CENTRE

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August 2000

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JAPAN INTERNATIONAL COOPERATION AGENCY

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THE MINISTRY OF TOURISM AND ANTIQUITIES, THE MINISTRY OF PLANNING

DRAFT
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KARAK TOURISM DEVELOPMENT SUB-PROJECT
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VOLUME IV
DRAWINGS

(1) TOURIST STREET, CASTLE OBSERVATION POINTS
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Pacific Consultants International
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August 2000



1160600 (1)

KARAK TOURISM DEVELOPMENT PROJECT TOURIST STREET

JUNE 2000

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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

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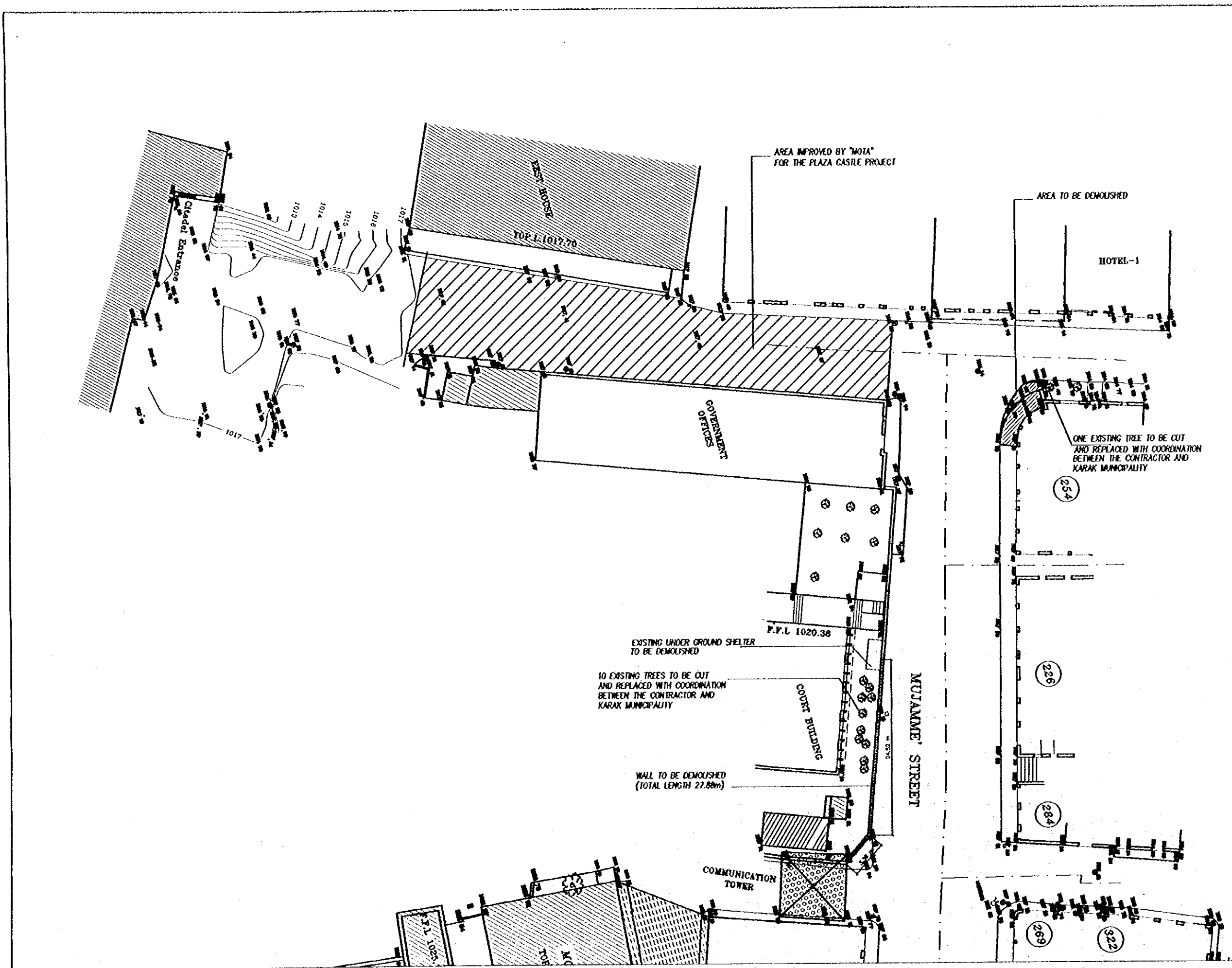
LIST OF DRAWINGS

Drawing Title:

Scale:

Drawing No.:

TS.A-000



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
 Tourist Street

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KEYPLAN

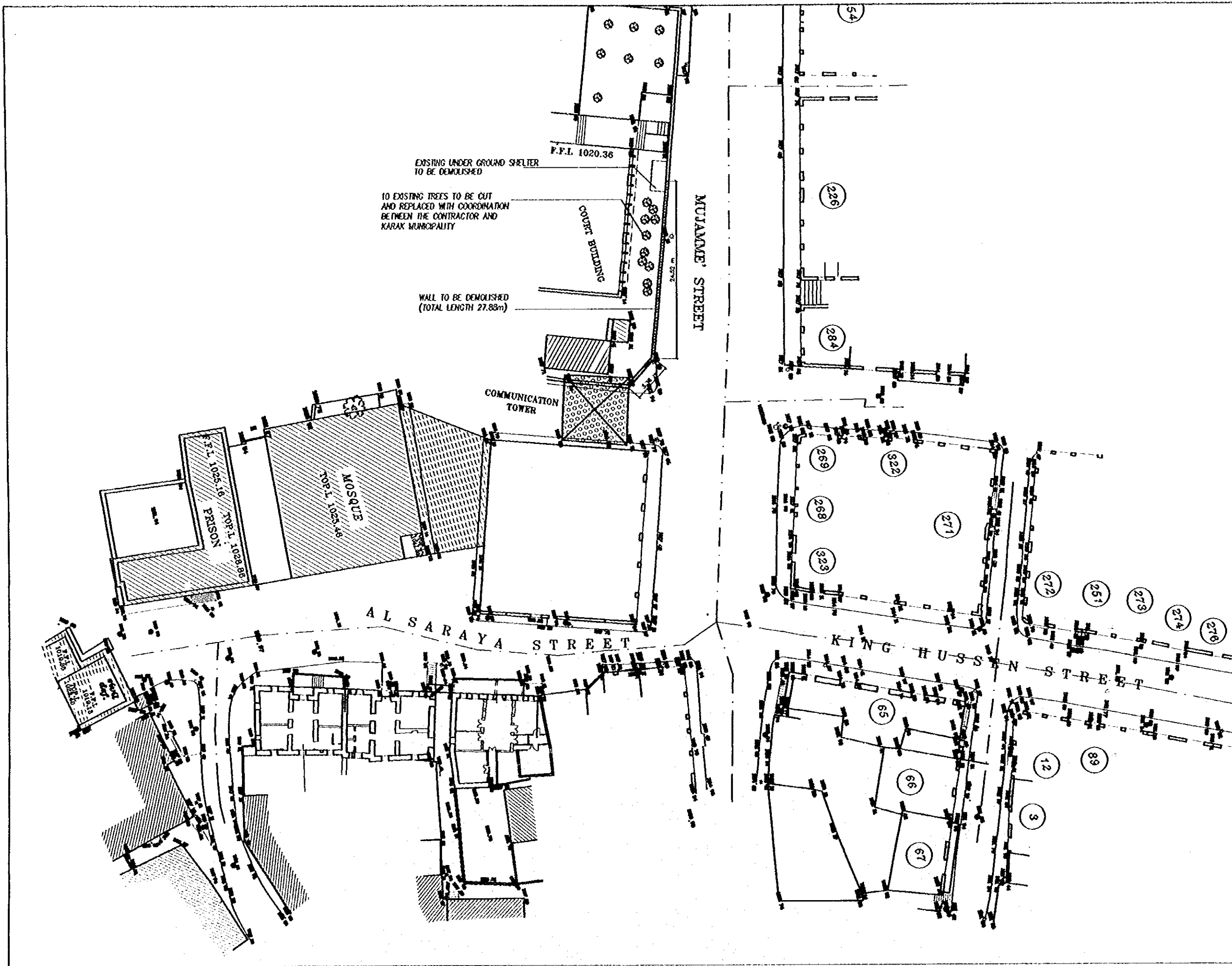
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**SURVEY & DEMOLISHING
 PLAN (PART 1)**

Drawing No.

| | |
|-----------------------|-------------------------------|
| <i>Scale</i> 1/250 | <i>Drawing No.</i> TSA-001 |
|-----------------------|-------------------------------|



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
Tourist Street

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**SURVEY & DEMOLISHING
PLAN (PART 2)**
Drawing Title

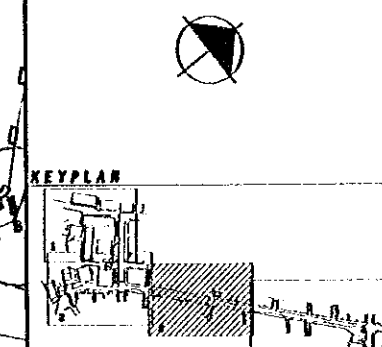
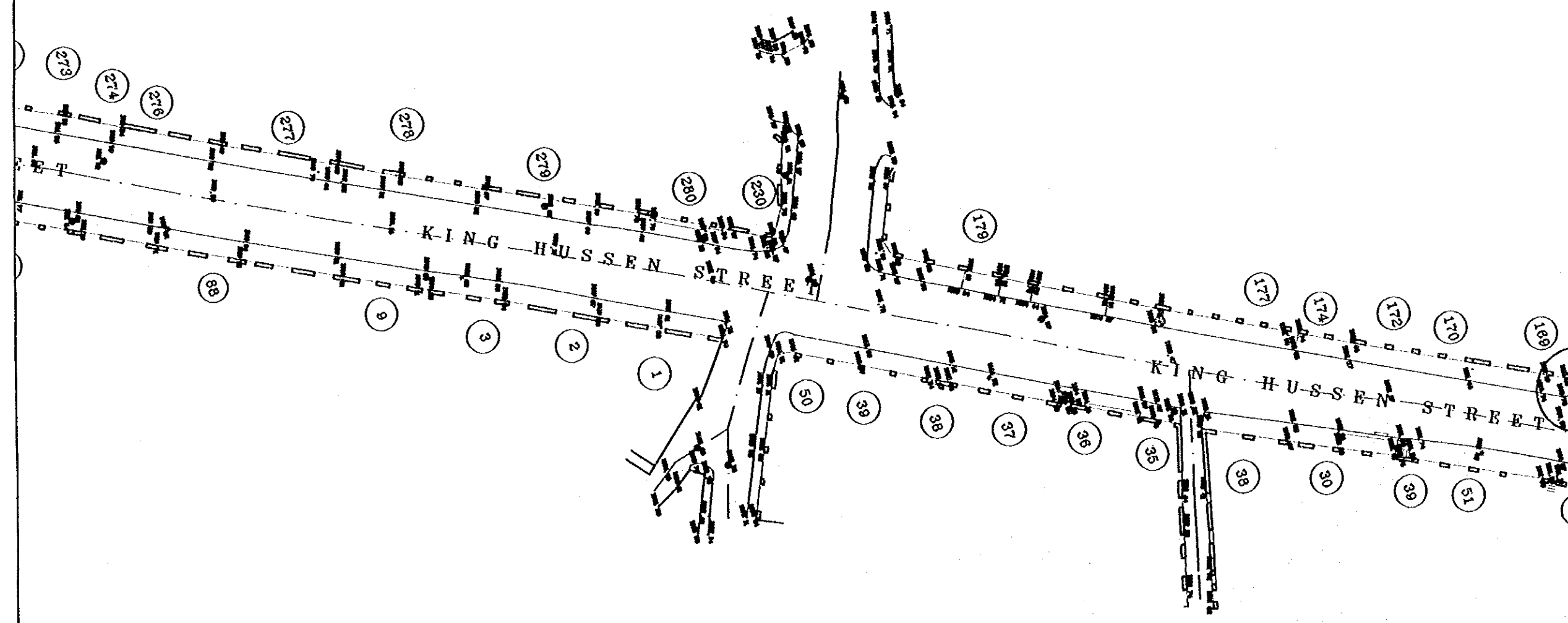
Scale: 1/250 **Drawing No.:** TSA-002

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

Executing Agency:
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 The Ministry of Planning

SUB-PROJECT:
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 Tourist Street

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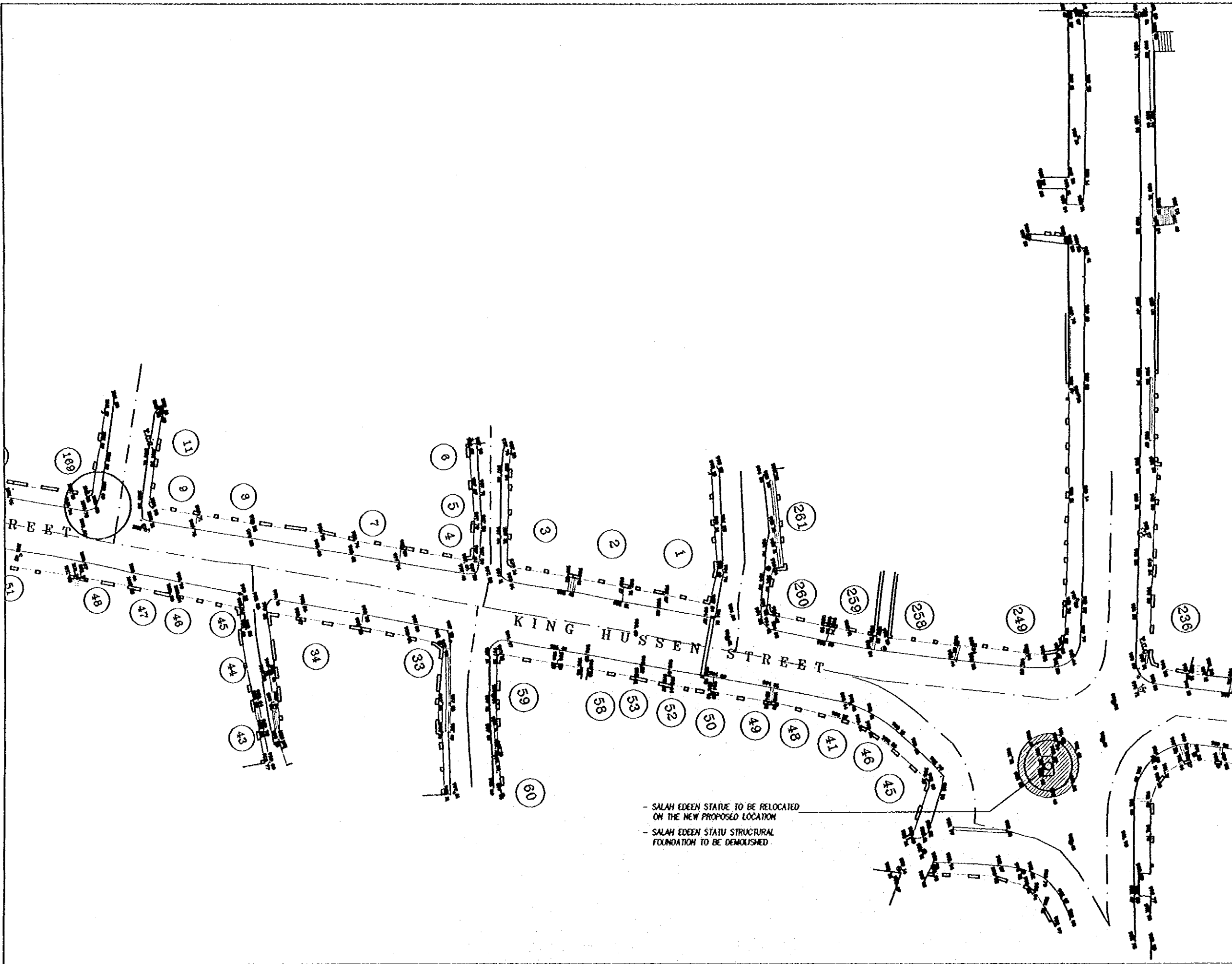
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**SURVEY & DEMOLISHING
 PLAN (PART 3)**

Scale: 1/250

Drawing No.: TSA-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
Tourist Street

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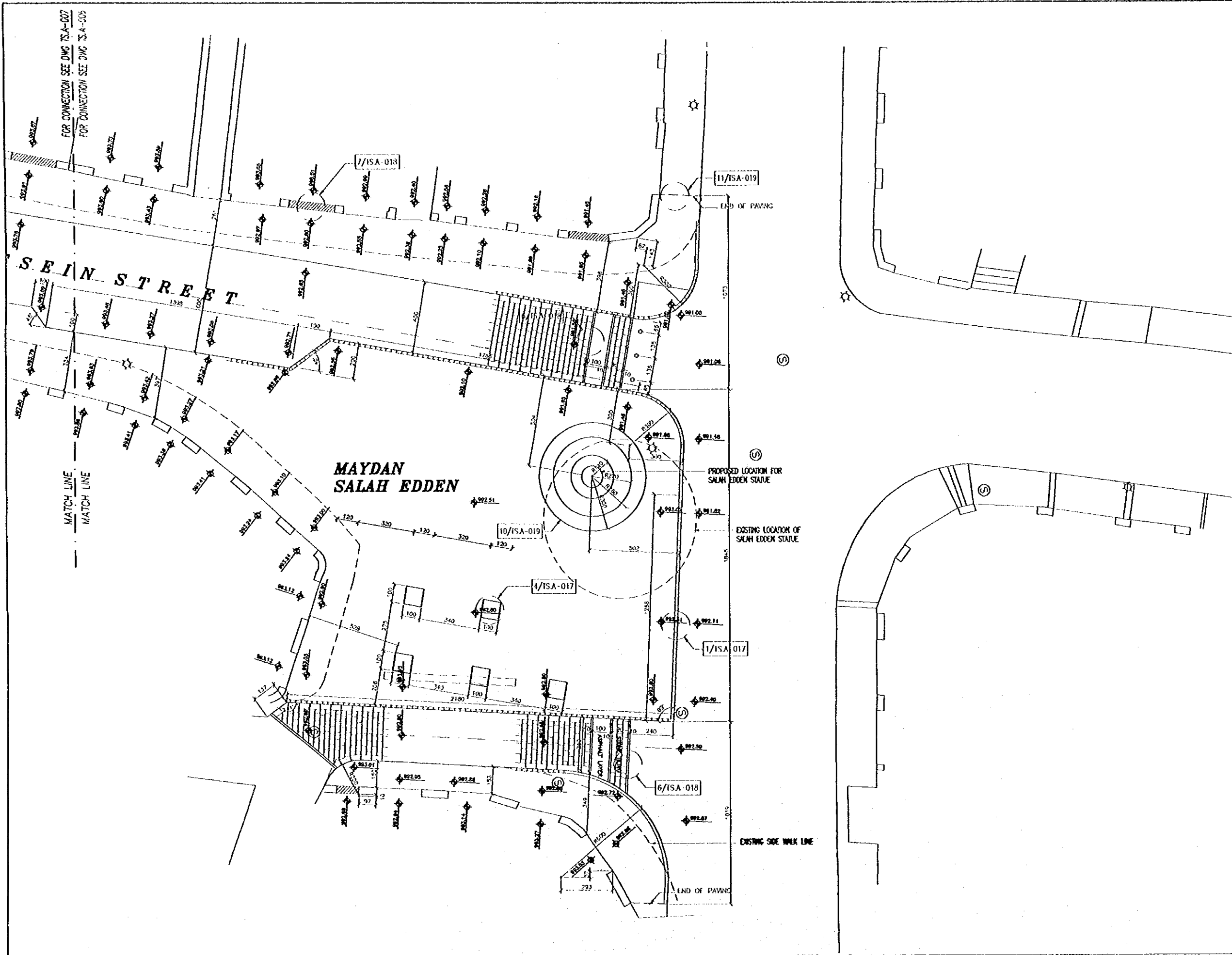
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**SURVEY & DEMOLISHING
PLAN (PART 4)**
Drawing Title:

Scale: 1/250 **Drawing No.:** TS.A-004



Project:
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 In the Hashemite Kingdom of Jordan

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

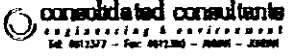
SUB-PROJECT:
 Karak Tourism Development Project
 Tourist Street

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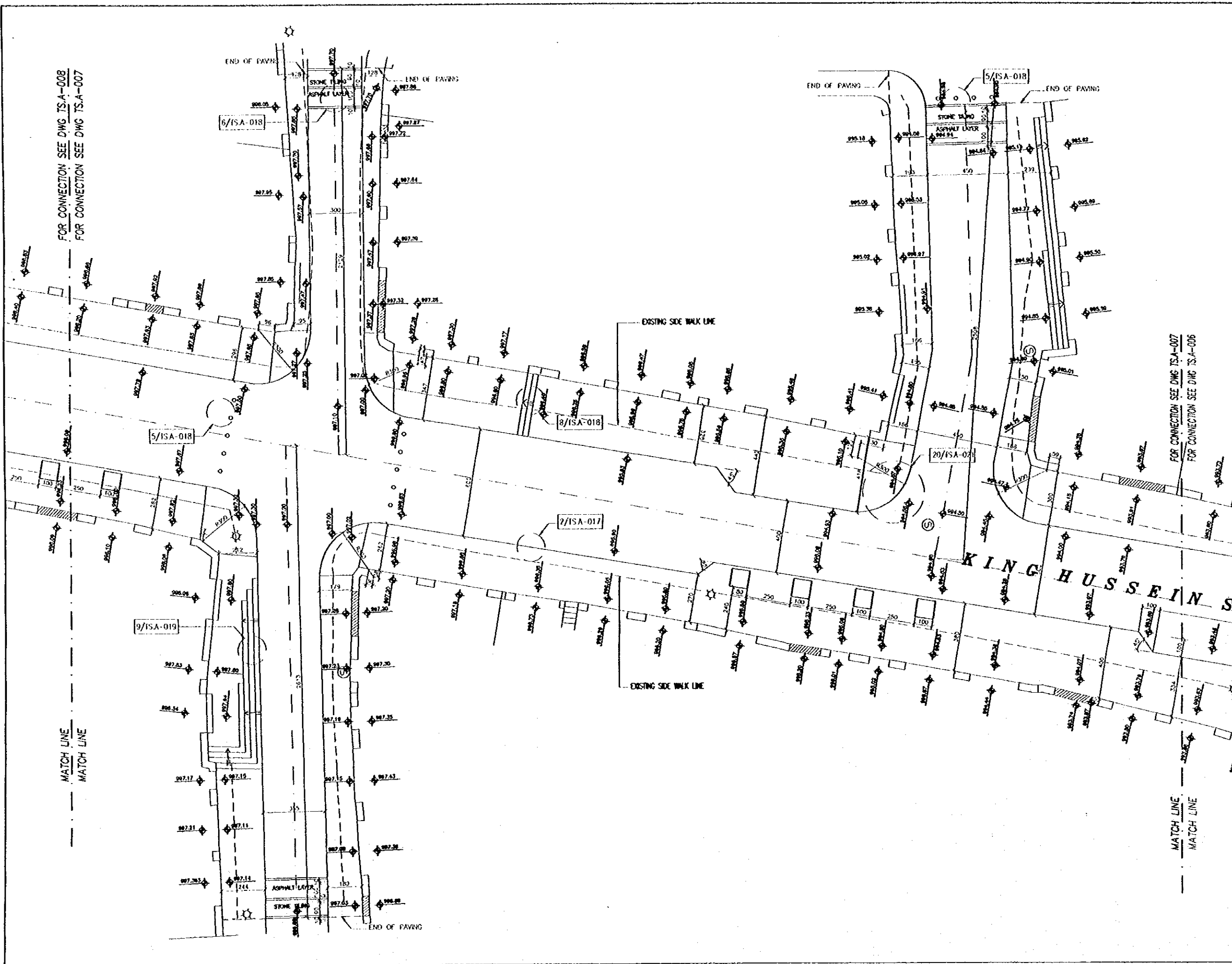
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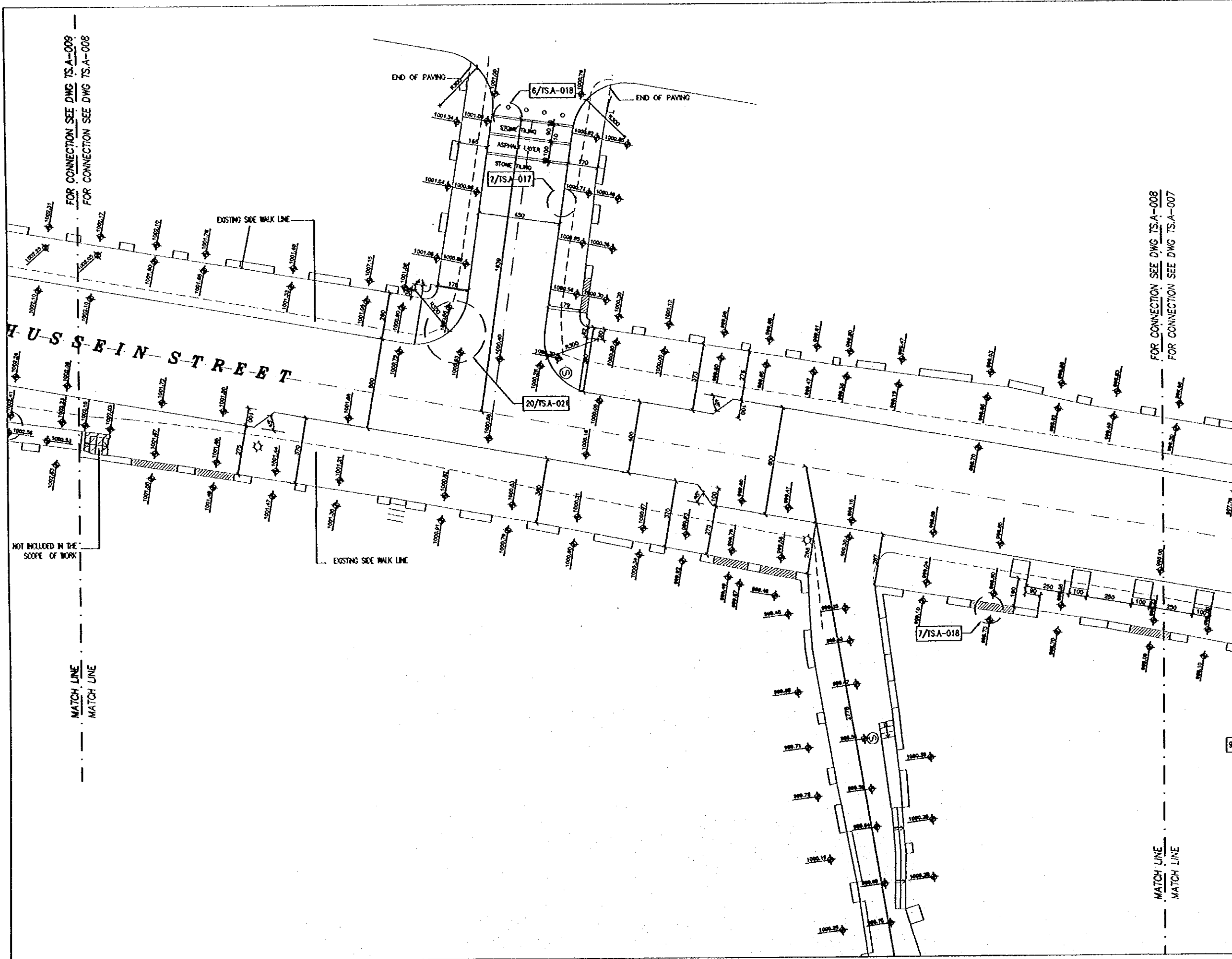

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**TOURIST STREET LAYOUT
 PART 1**

Scale: 1/100 **Drawing No.:** TS.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: Kerak Tourism Development Project Tourist Street | |
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| TOURIST STREET LAYOUT PART 2 Drawing Title: | |
| Scale: 1/100 | Drawing No.: TSA-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:
Karak Tourism Development Project
Tourist Street

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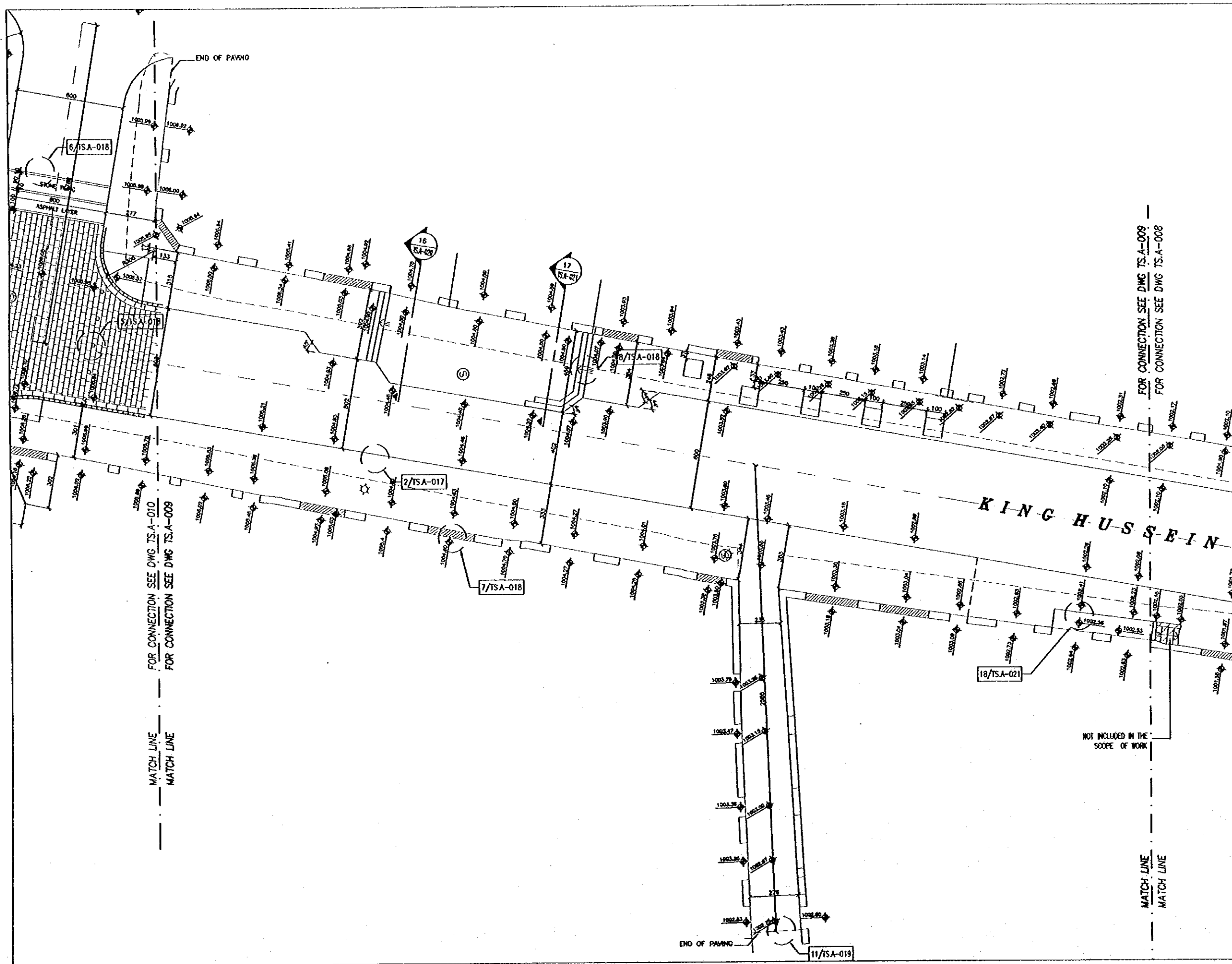
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**TOURIST STREET LAYOUT
PART 3**

Drawing Title:

Scale: 1/100 Drawing No.: **TS.A-008**





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
Tourist Street

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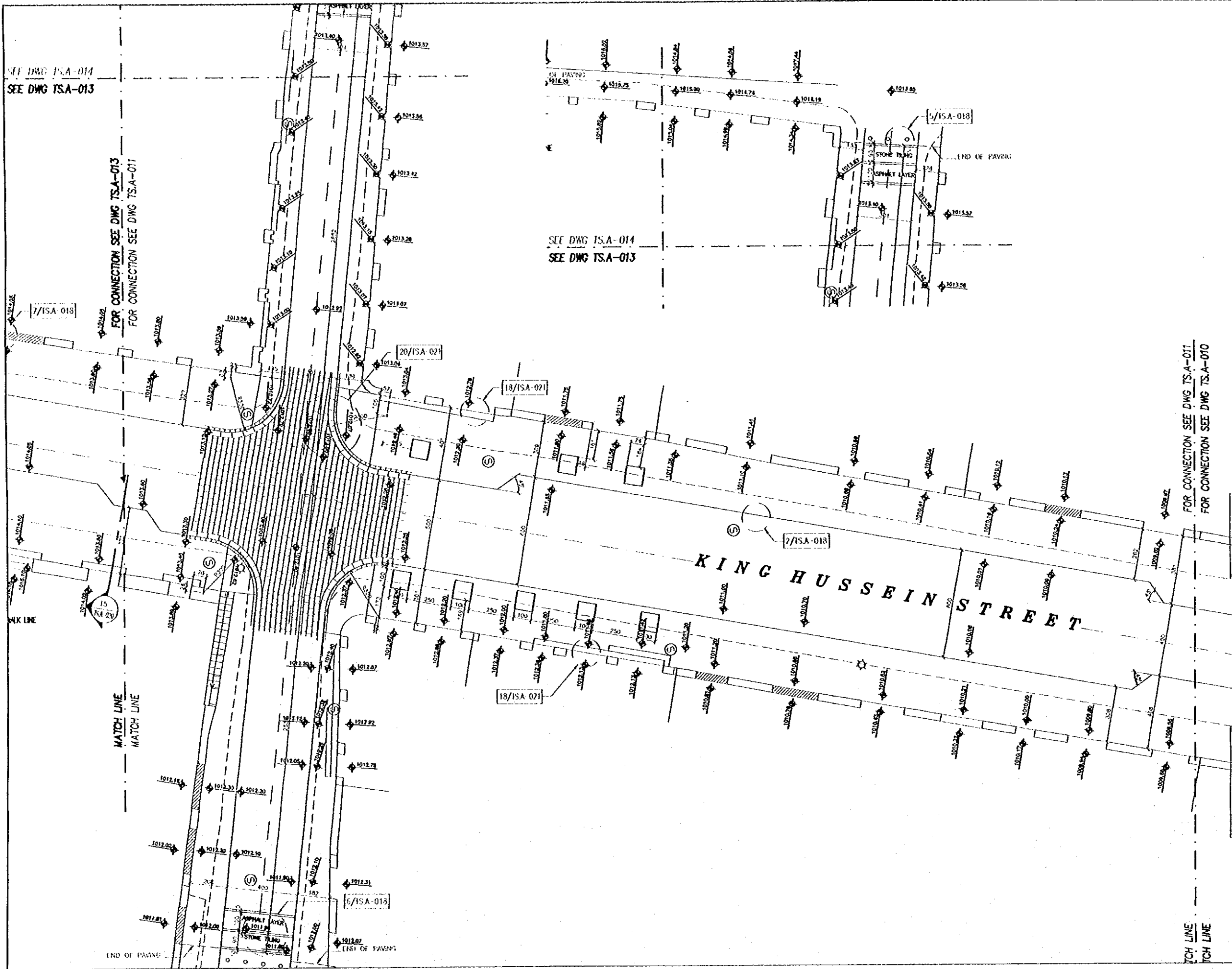
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**TOURIST STREET LAYOUT
PART 5**

Scale:
1/100

Drawing No.:
TSA-010



SEE DWG TSA-014
SEE DWG TSA-013

FOR CONNECTION SEE DWG TSA-013
FOR CONNECTION SEE DWG TSA-011

SEE DWG TSA-014
SEE DWG TSA-013

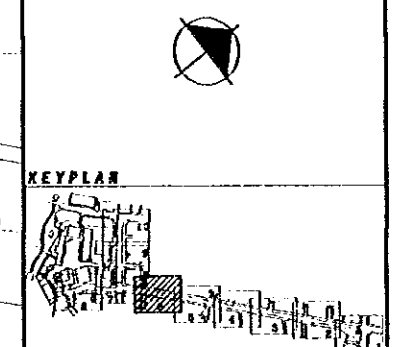
FOR CONNECTION SEE DWG TSA-011
FOR CONNECTION SEE DWG TSA-010

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

Executing Agency:
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The Ministry of Planning

SUB-PROJECT:
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Tourist Street

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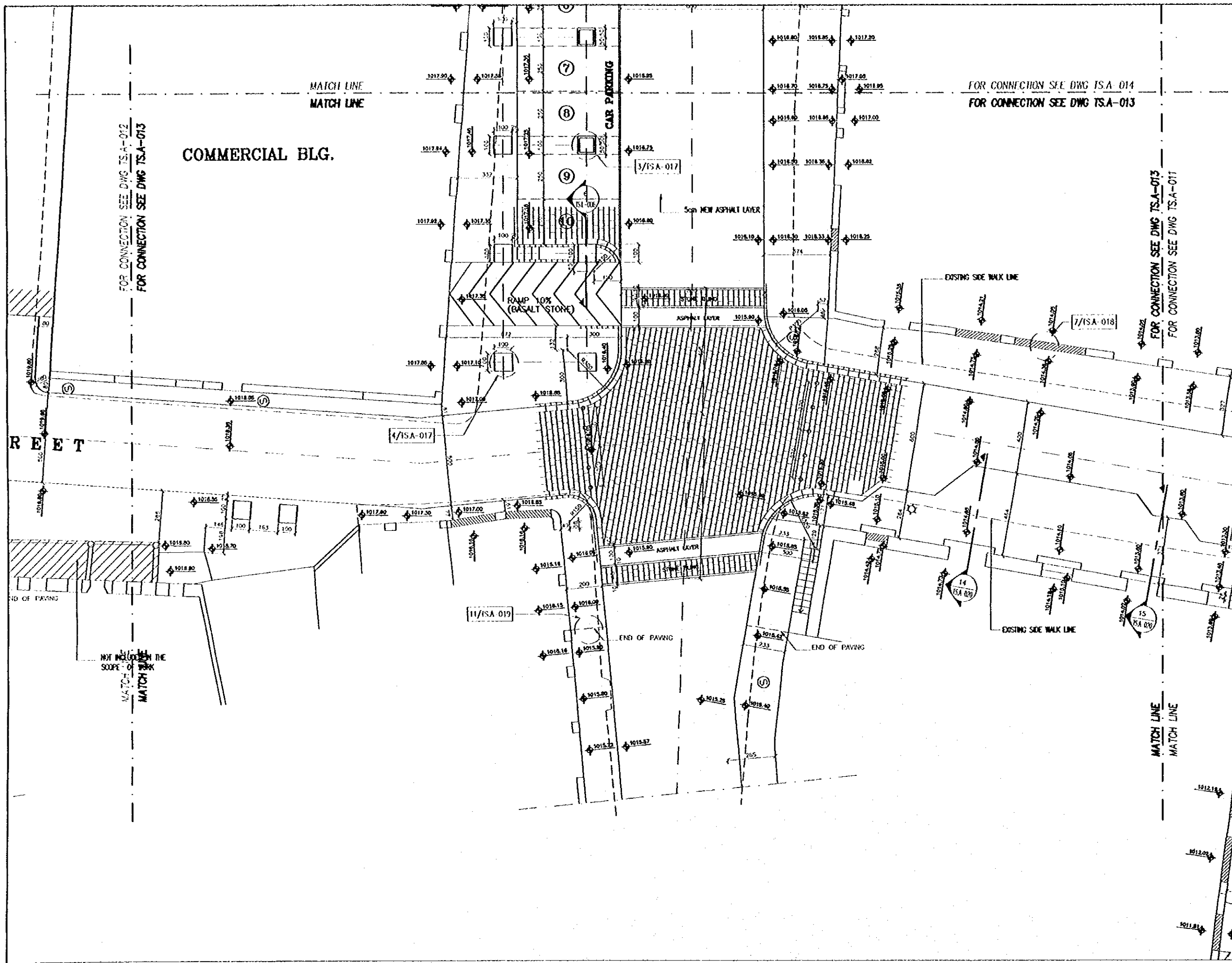
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**TOURIST STREET LAYOUT
PART 6**

Drawing Title

Scale: 1/100

Drawing No. TSA-011



Project:
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in the Hashemite Kingdom of Jordan

Executing Agency:
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The Ministry of Planning

SUB-PROJECT:
Karak Tourism Development Project
Tourist Street

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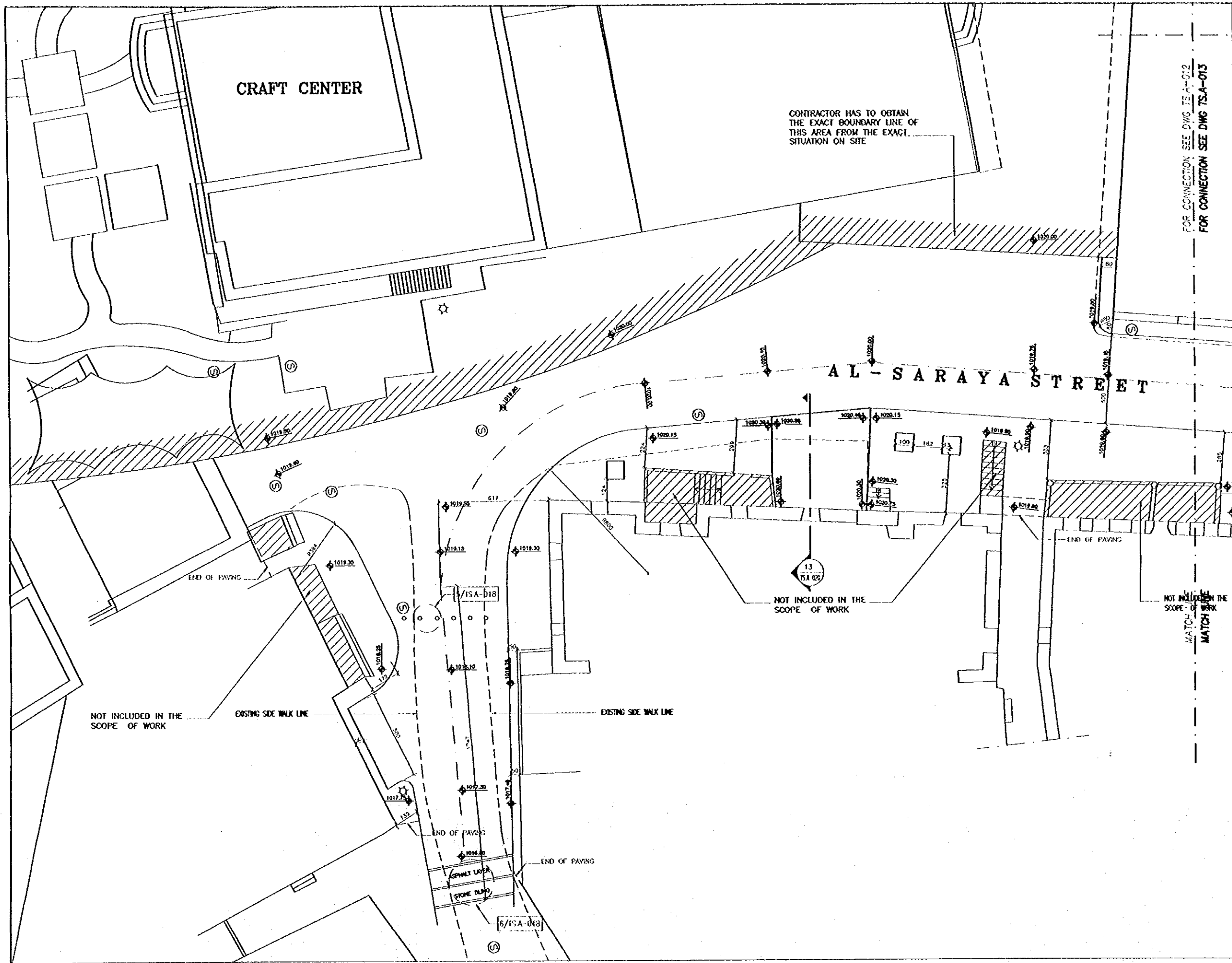
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**TOURIST STREET LAYOUT
PART 7**
Drawing No.

Scale: 1/100 Drawing No.: TSA-012



Project:
Tourist 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
Tourist Street

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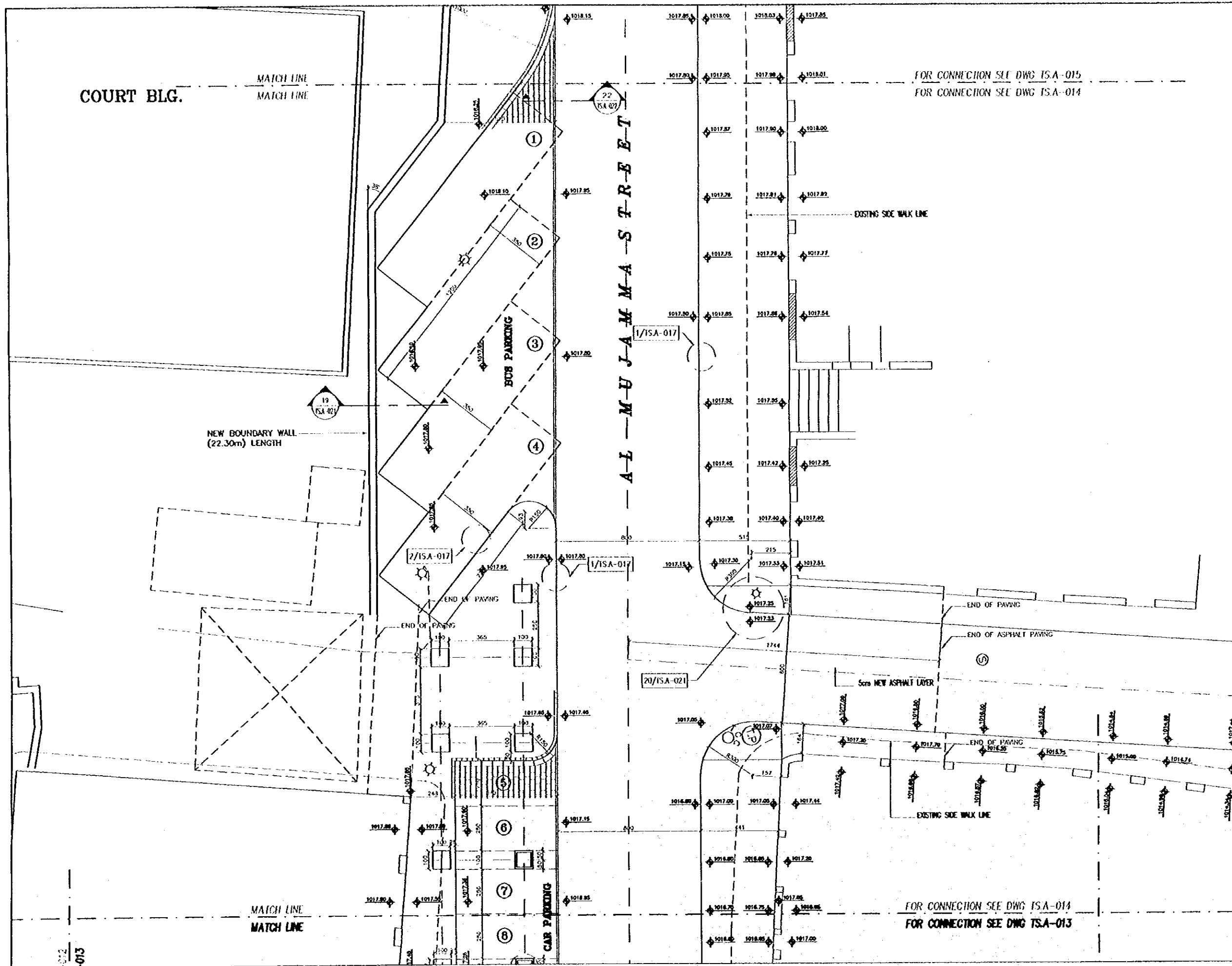
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**TOURIST STREET LAYOUT
PART 8**

Sheet: 1/100 Drawing No: TSA-013



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

Executing Agency:
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 The Ministry of Planning

SUB-PROJECT:
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 Tourist Street

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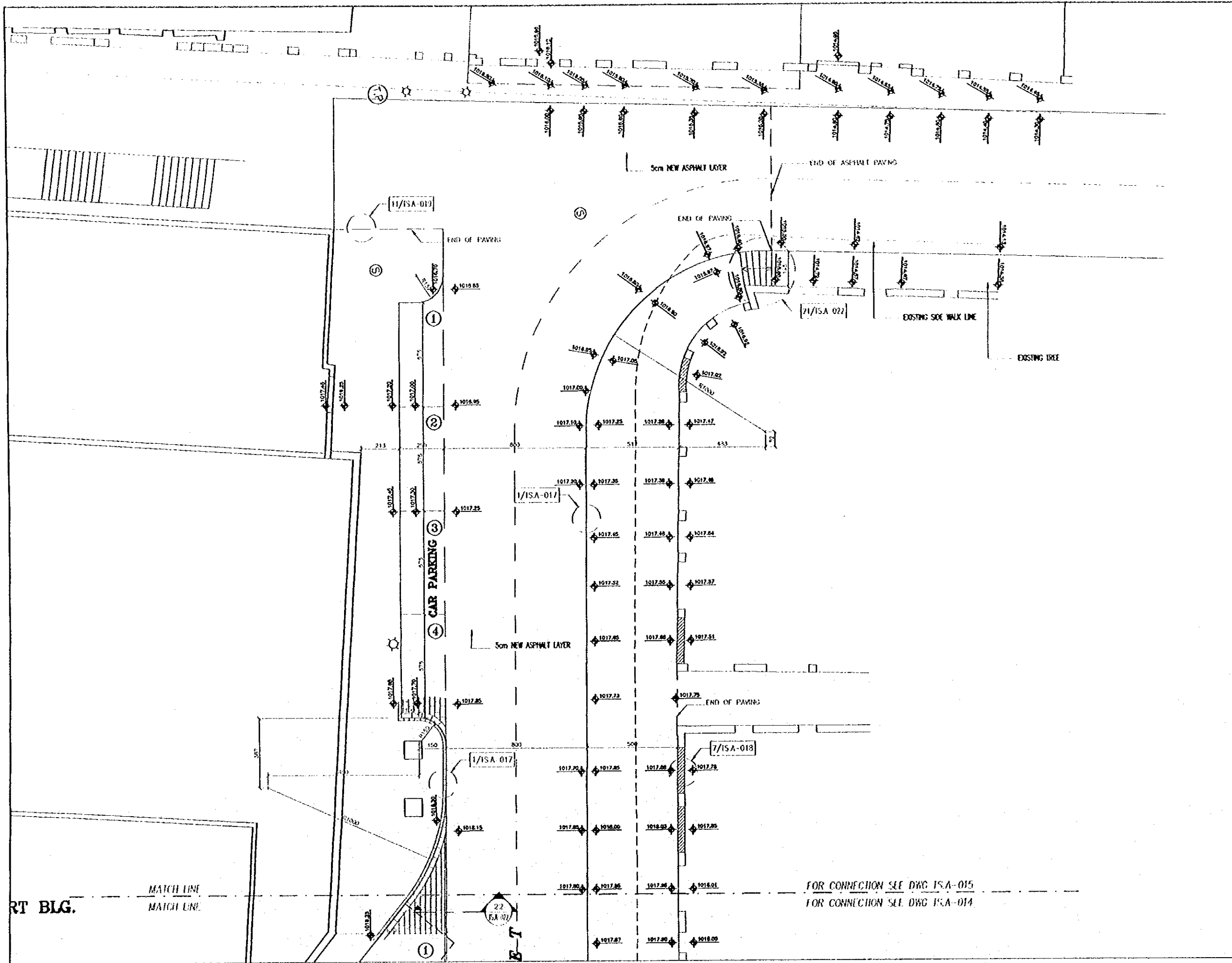
**TOURIST STREET LAYOUT
 PART 9**

Drawing Title:

Scale: 1/100 **Drawing No.:** TSA-014

DT

012
-013

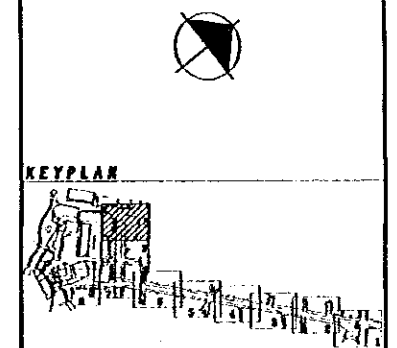


Project:
 Tourism Sector Development Project
 In the Hashemite Kingdom of Jordan

Executing Agency:
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 The Ministry of Planning

SUB-PROJECT:
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 Tourist Street

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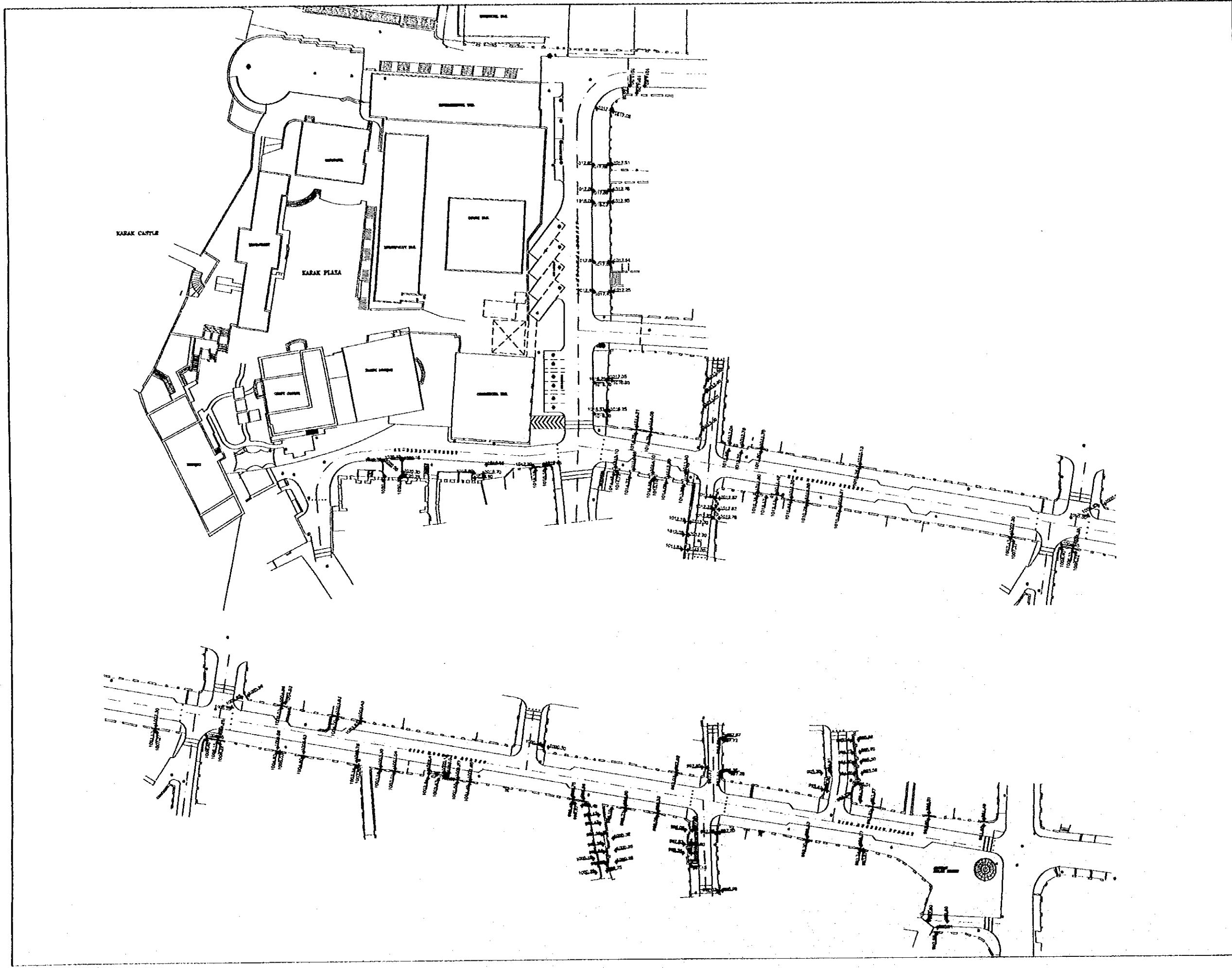
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**TOURIST STREET LAYOUT
 PART 10**

Scale: 1/100
 Drawing No.: TSA-015

2.1



Project:
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 in the Hashemite Kingdom of Jordan

Executing Agency:
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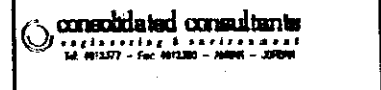
SUB-PROJECT:
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 Tourist Street

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NOTES:
 - FOR ALL THRESHOLD DETAILS, REF. TO
 DETAIL (7) SHEET TSA-018 & DETAIL
 (18) SHEET TSA-021.
 - THIS PLAN SHOWS ONLY THE SHOPS
 THAT THEIR RELATION BETWEEN THEIR
 EXISTING F.F.L. AND THE OUTSIDE LEVEL
 HAS TO BE CHANGED ACCORDING TO THE
 NEW DESIGN & NEW LEVELS. IN WHICH
 THEIR THRESHOLD HAS TO BE CHANGED.
 THE MATERIAL HAS TO BE OF MA'AN STONE
 WHERE POSSIBLE OR TO MATCH THE
 EXISTING ONE.



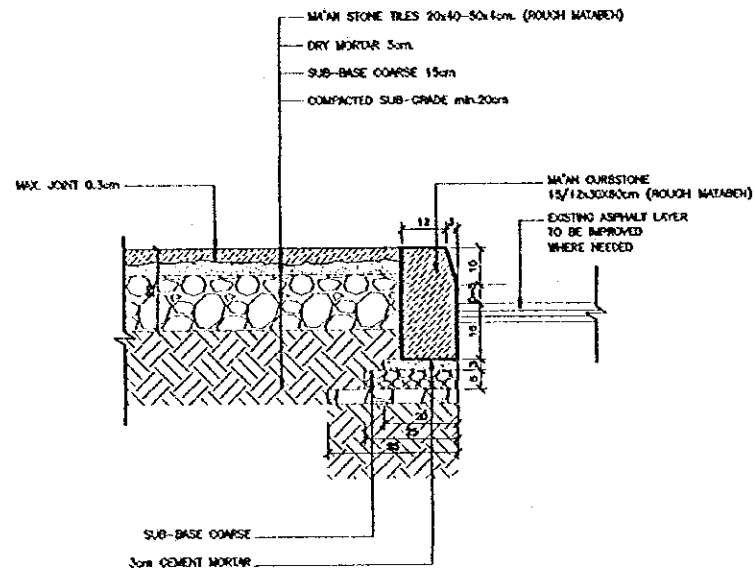
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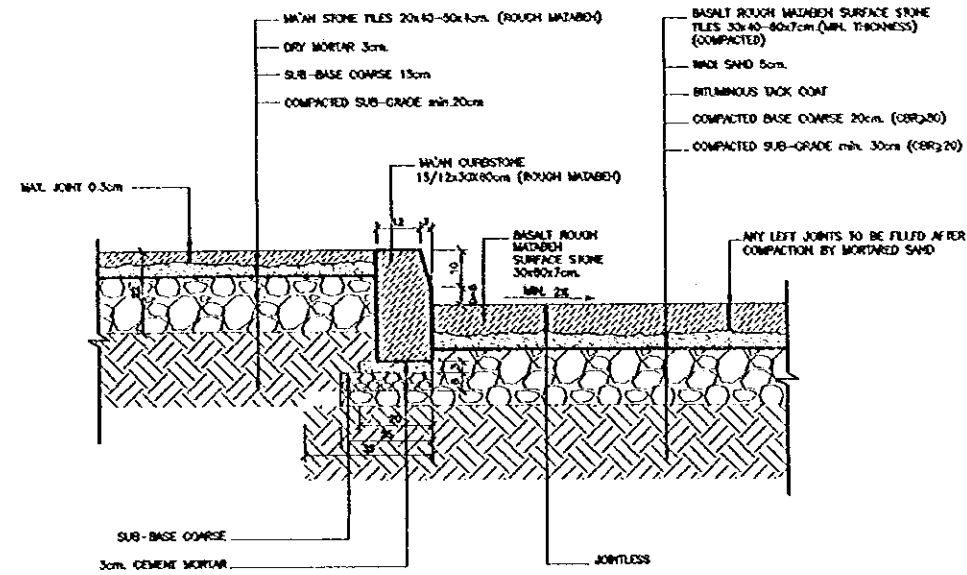
THRESHOLDS LAYOUT

Drawing Title

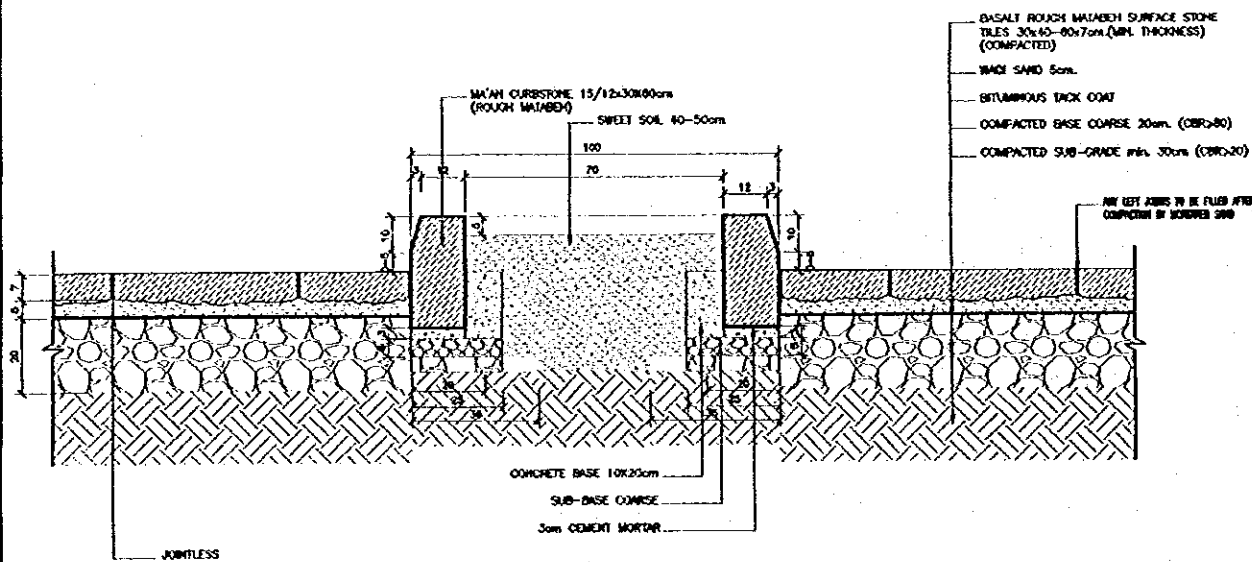
Scale: 1/500 Drawing No.: TSA-016



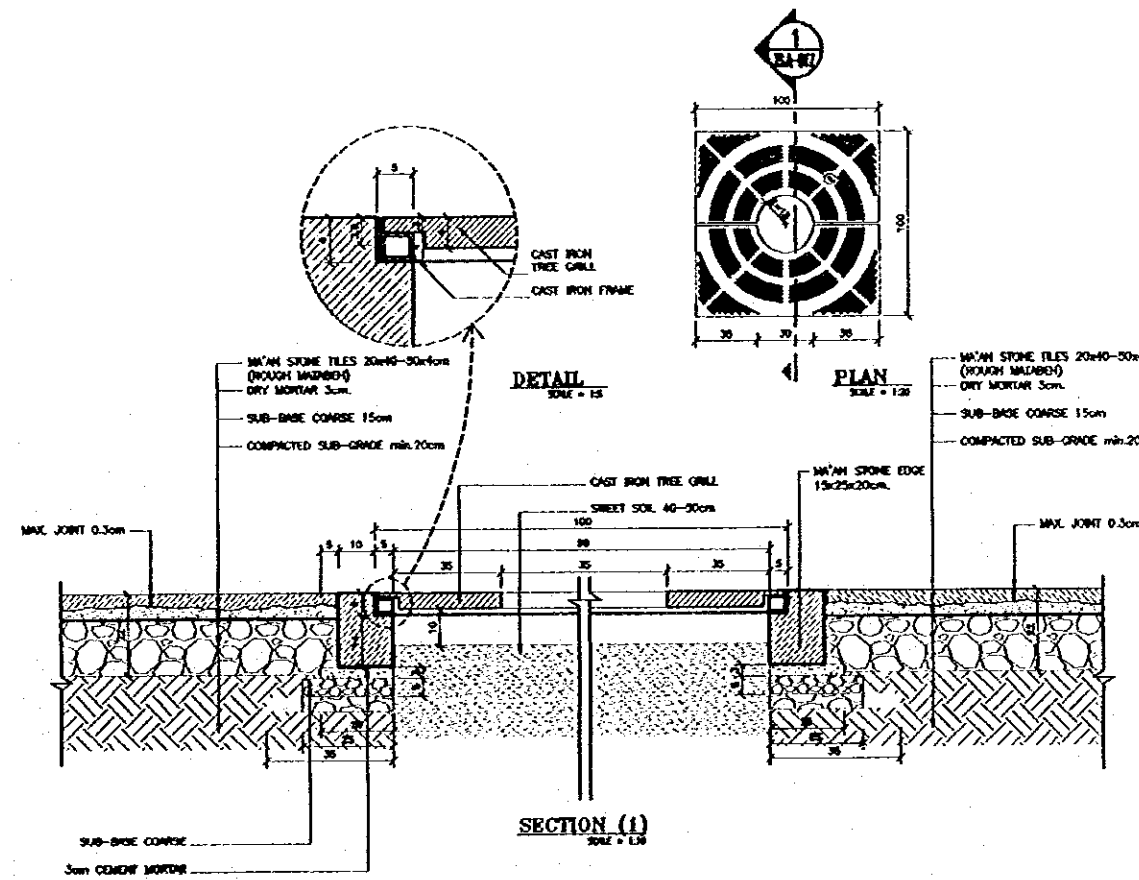
1 TYPICAL CURBSTONE DETAIL (1)
SCALE = 1:10



2 TYPICAL CURBSTONE DETAIL (2)
SCALE = 1:10



3 TYPICAL WHEEL STOP DETAIL AT TREE PLANTERS
SCALE = 1:10



4 TYPICAL TREE GRILLE DETAIL
SCALE = AS SHOWN

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
Tourist Street

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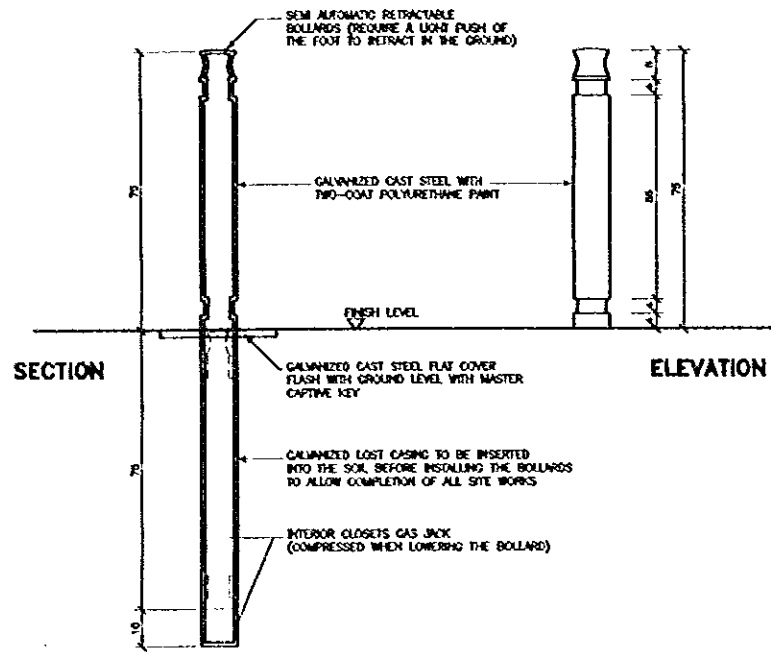
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DETAILS-1

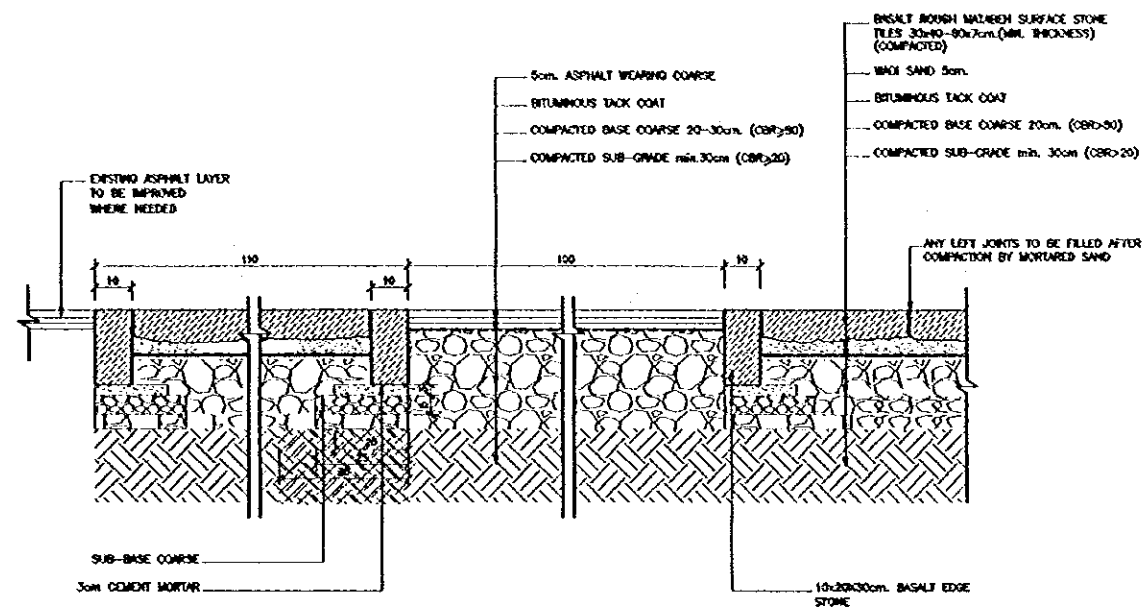
Drawing Title

Scale:
1/10

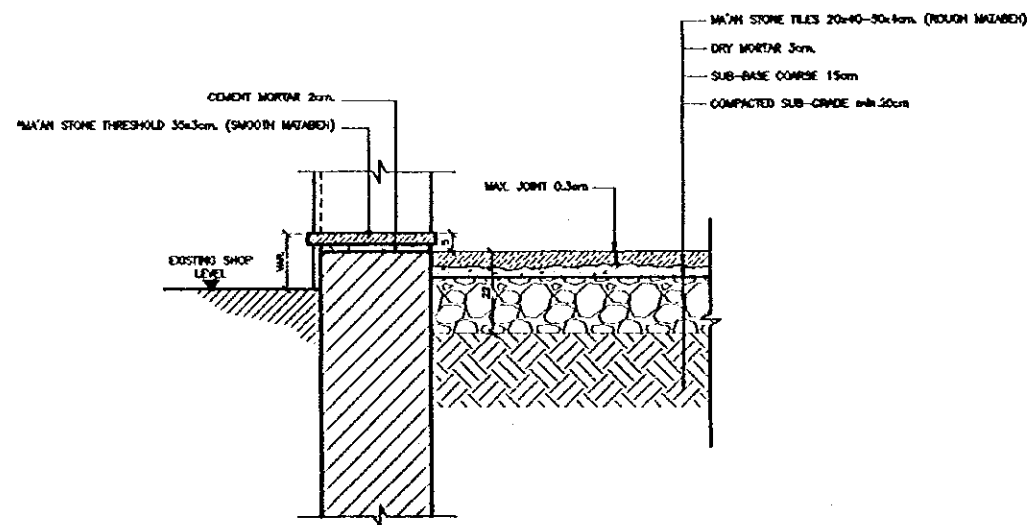
Drawing No.:
TSA-017



5 BOLLARD DETAIL
SCALE = 1:10

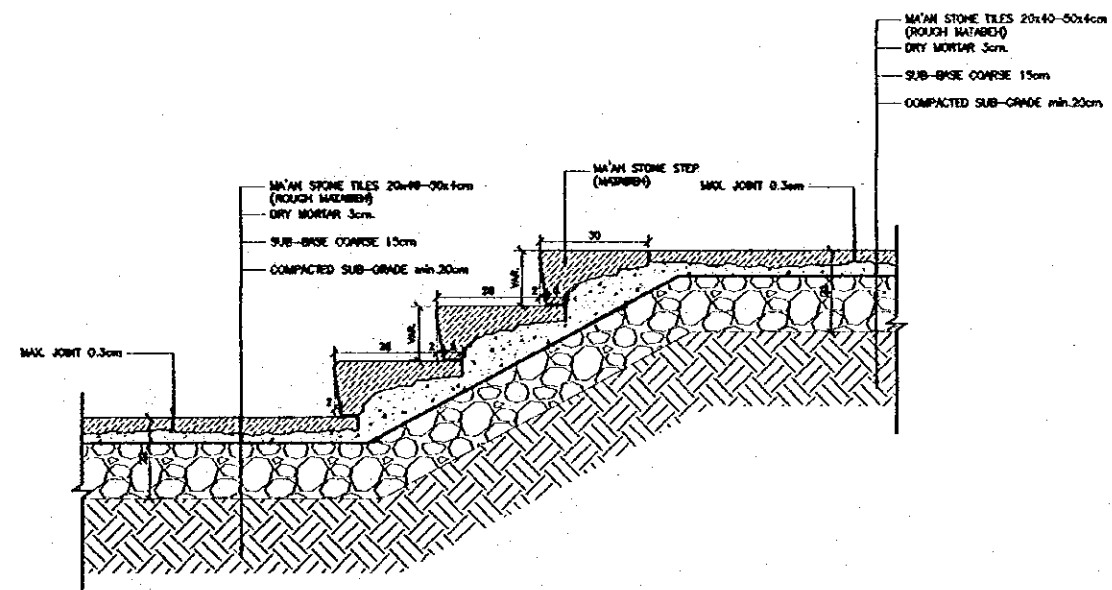


6 DETAIL (6)
SCALE = 1:10



NOTE:
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7 TYPICAL SHOP THRESHOLD DETAIL
SCALE = 1:10



8 DETAIL (8)
SCALE = 1:10

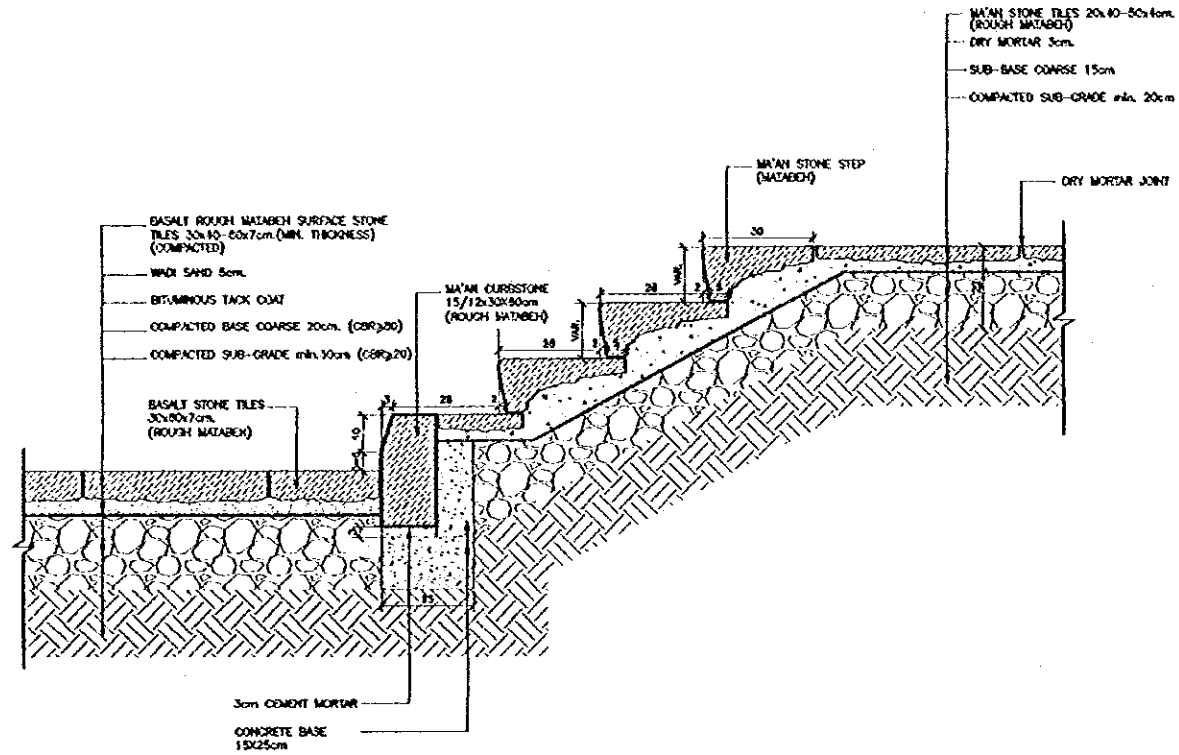
Project:
Tourism Sector Development Project
in the Hashemite Kingdom of Jordan
Executing Agency:
The Ministry of Tourism and Antiquities
The Ministry of Planning
SUB-PROJECT:
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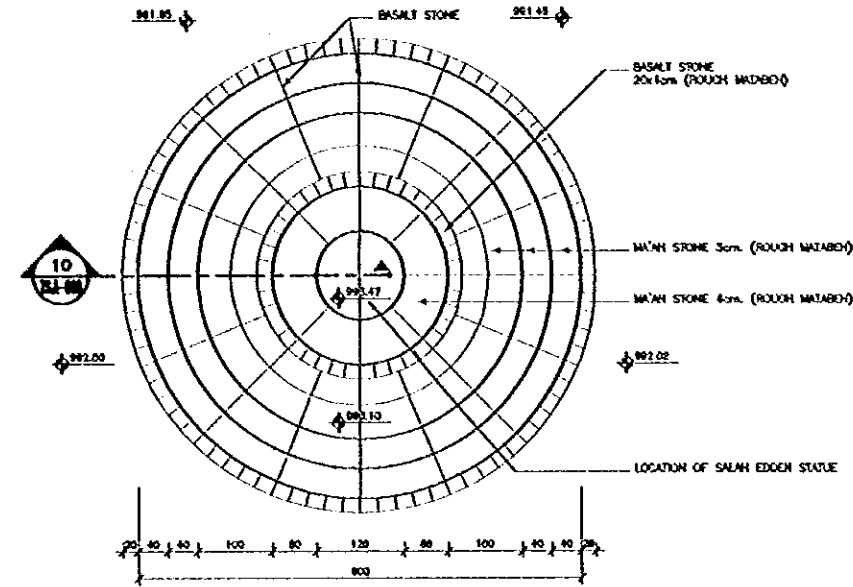
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DETAILS--2
Drawing No.

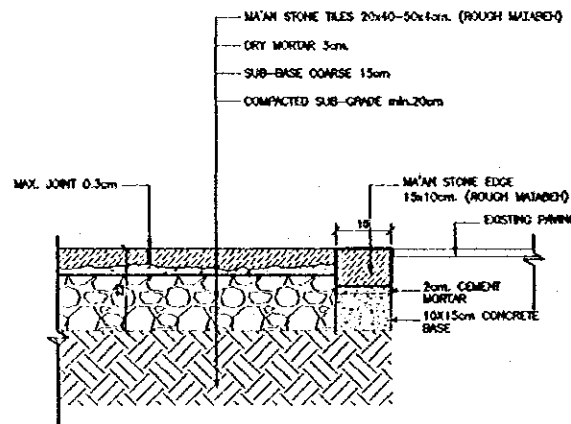
Scale: 1/10
Drawing No.: TSA-018



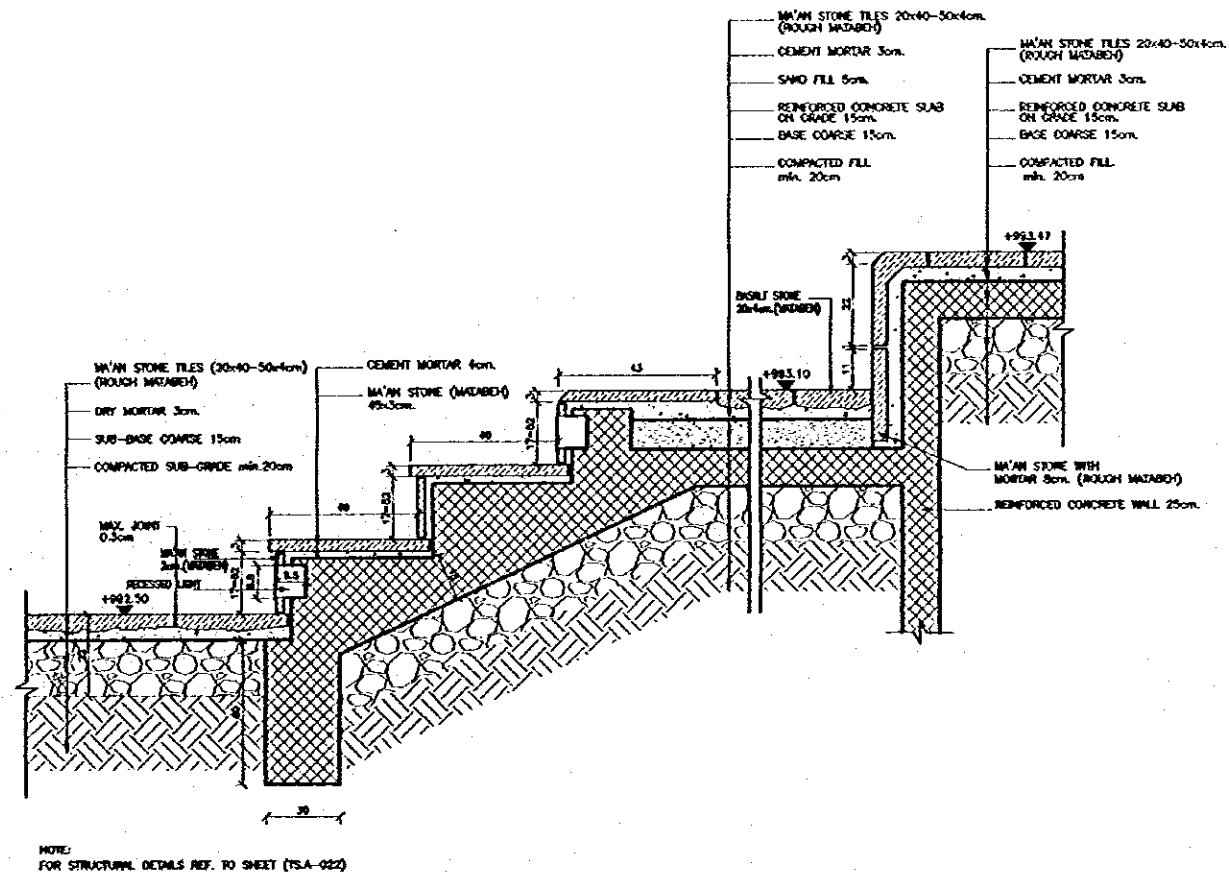
9 TYPICAL STEPS DETAIL BETWEEN PROPOSED STREET PAVING AND PROPOSED PAVING AT THE SIDEWALK SCALE = 1:10



10 STATUE DETAIL (PLAN) SCALE = 1:10



11 TYPICAL JOINT DETAIL BETWEEN PROPOSED PAVING & EXISTED PAVING AT THE SIDEWALK SCALE = 1:10



12 STATUE DETAIL (SECTION 10) SCALE = 1:10

Project:
Tourism Sector Development Project
In the Hashemite Kingdom of Jordan
Executing Agency:
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The Ministry of Planning
SUB-PROJECT:
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DETAILS-3
Drawing No.

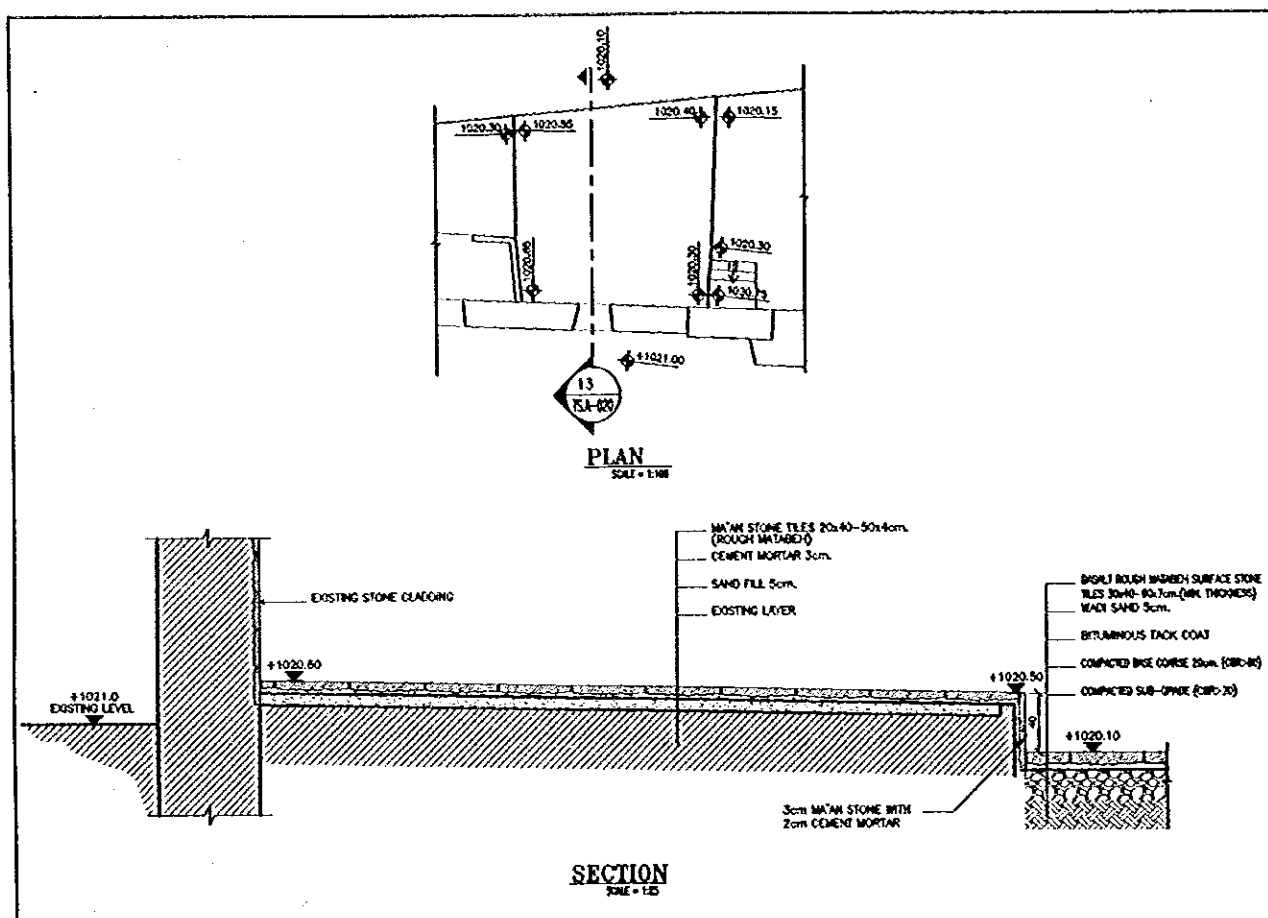
Scale: 1/10
Drawing No.: TSA-019

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

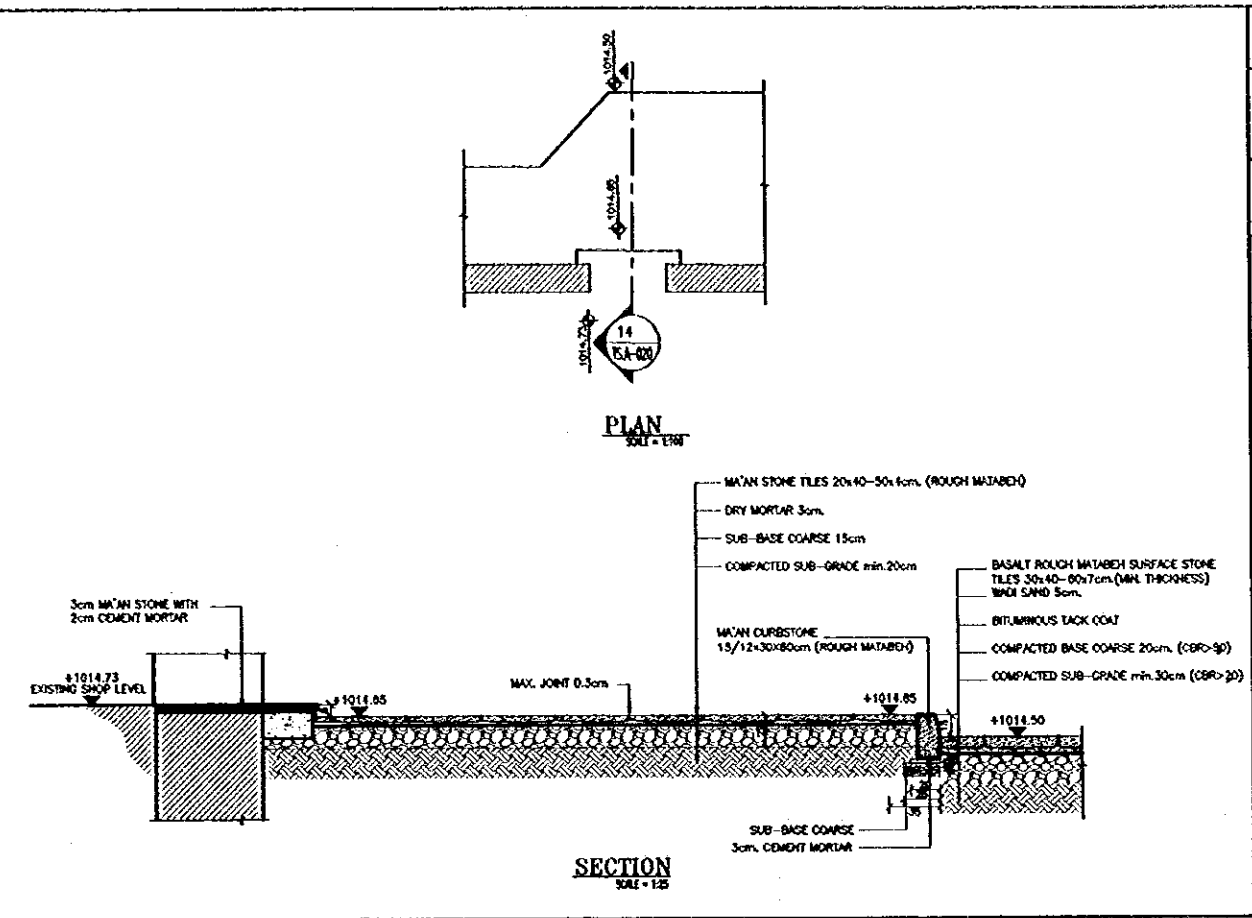
Executing Agency
The Ministry of Tourism and Antiquities
The Ministry of Planning

SUB-PROJECT:
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Tourist Street

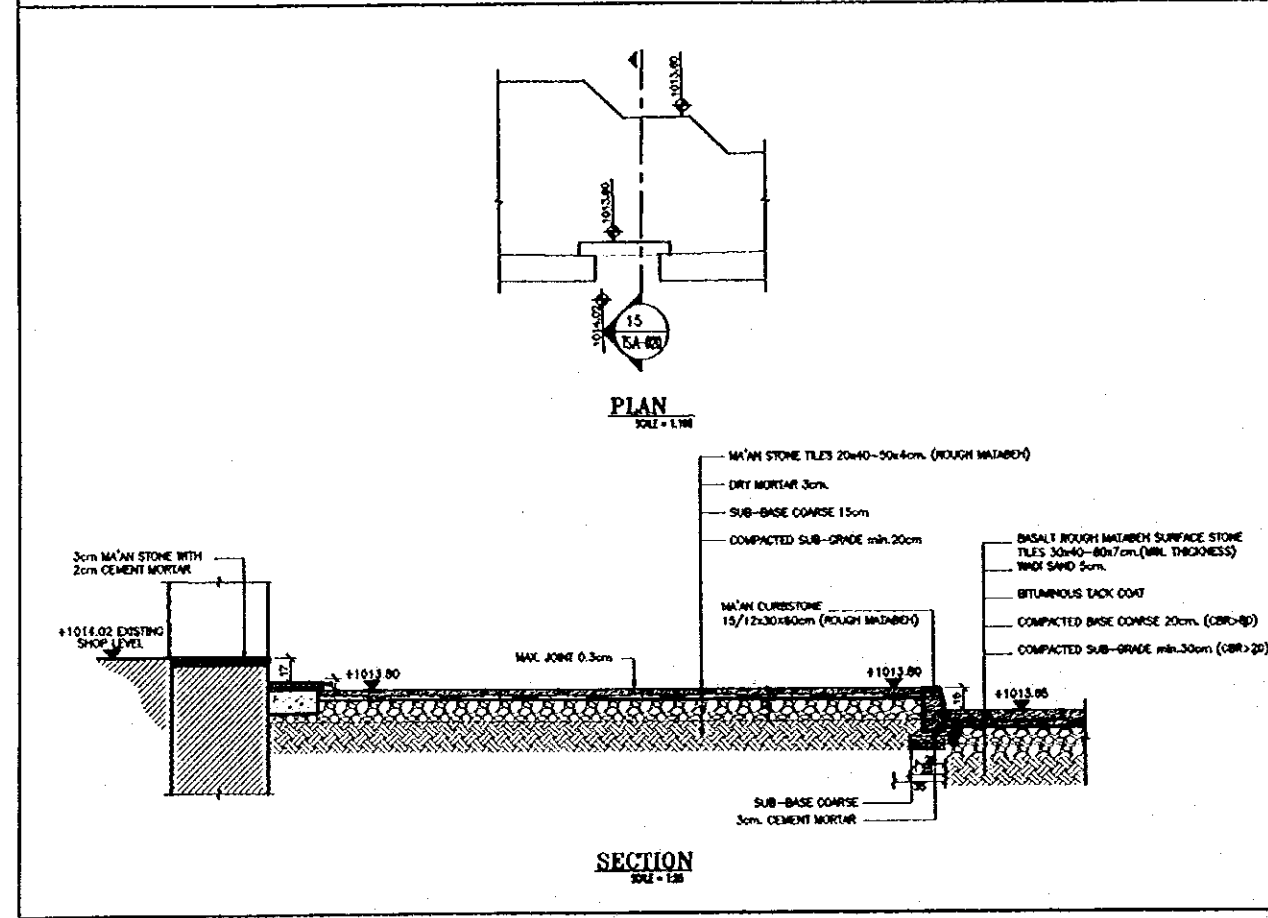
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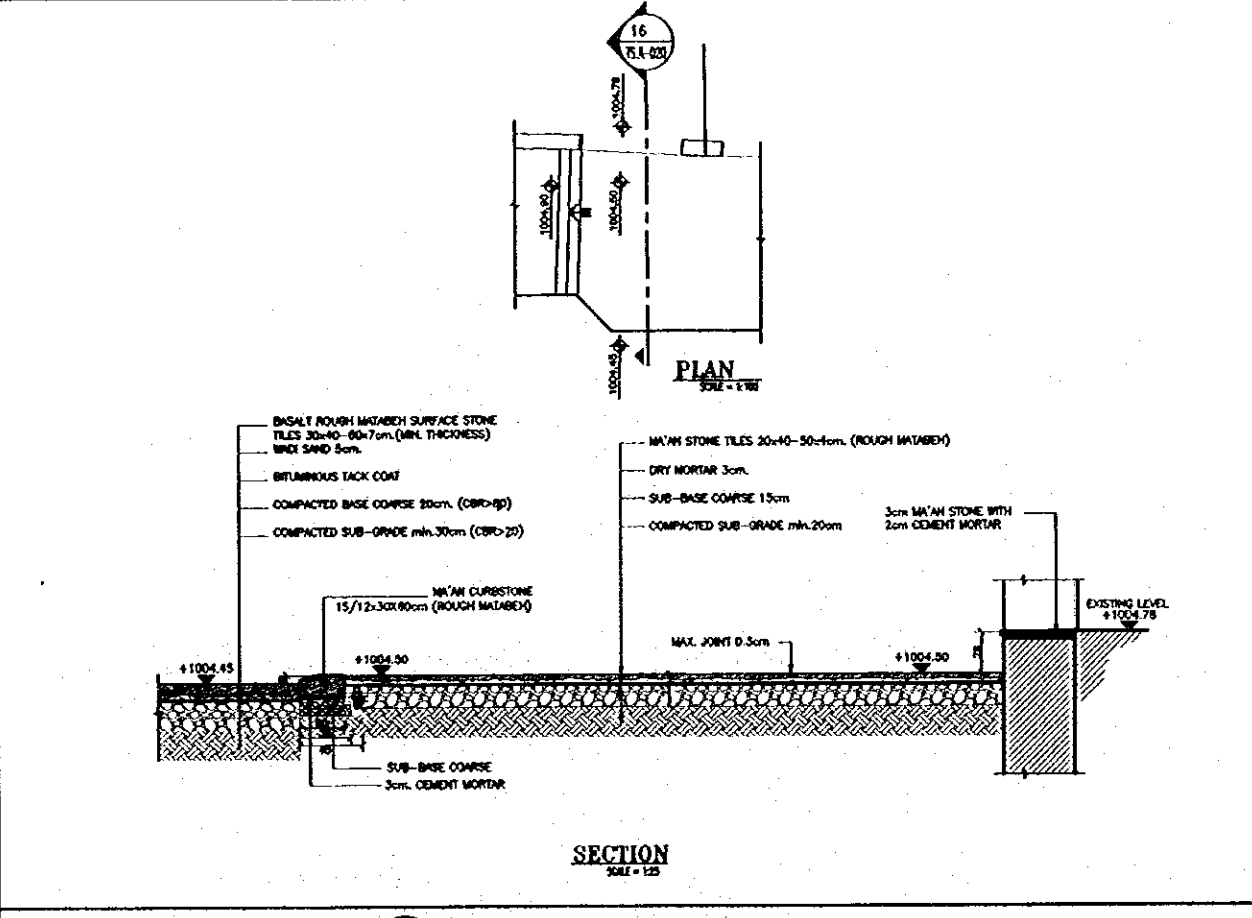
13 SECTION THROUGH MASTABEH
SCALE = AS SHOWN



14 SECTION THROUGH MASTABEH
SCALE = AS SHOWN



15 SECTION THROUGH MASTABEH
SCALE = AS SHOWN



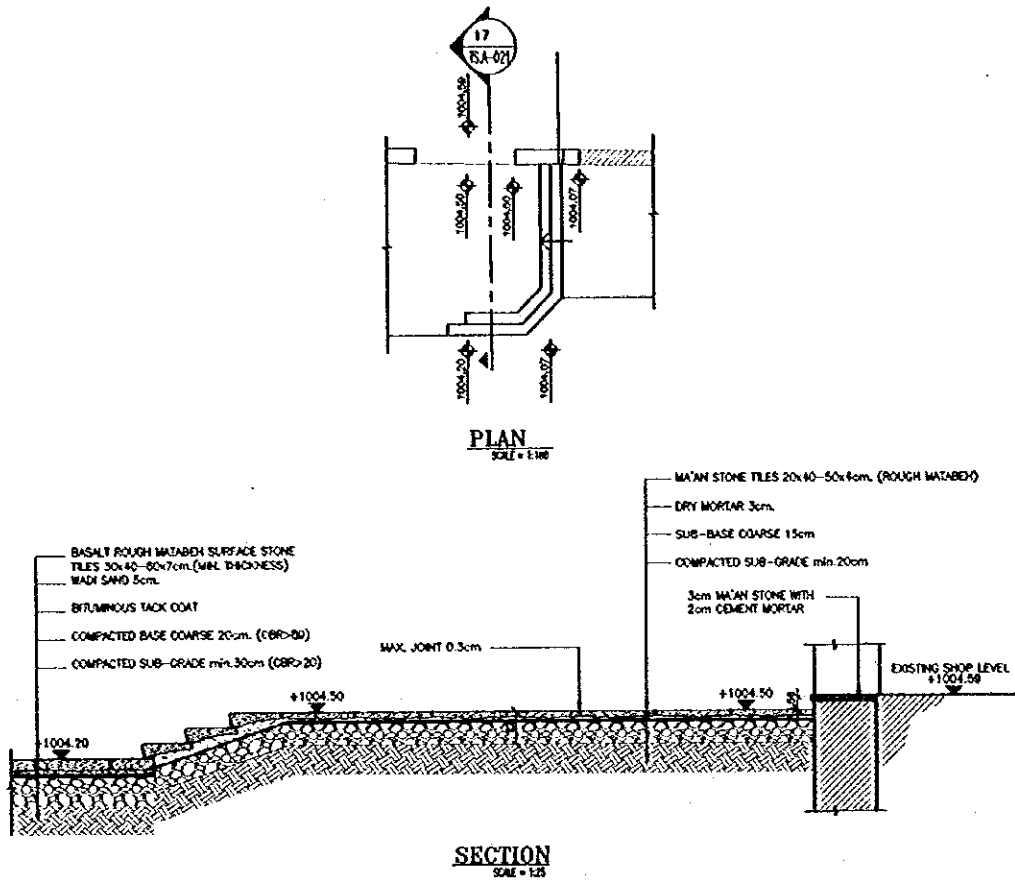
16 SECTION THROUGH MASTABEH
SCALE = AS SHOWN

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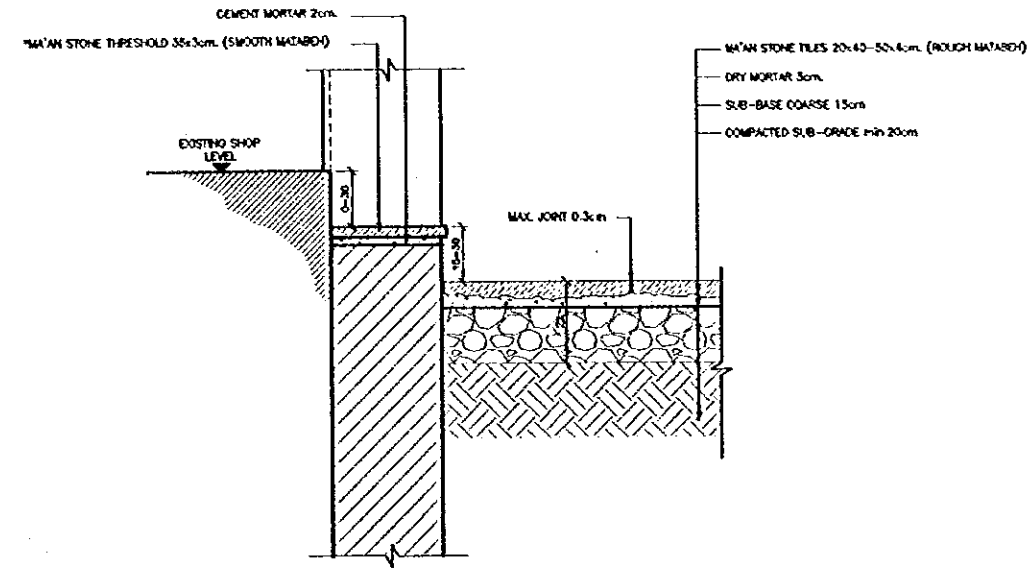
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DETAILS-4
Drawing Title:

Scale: AS SHOWN Drawing No.: TSA-020

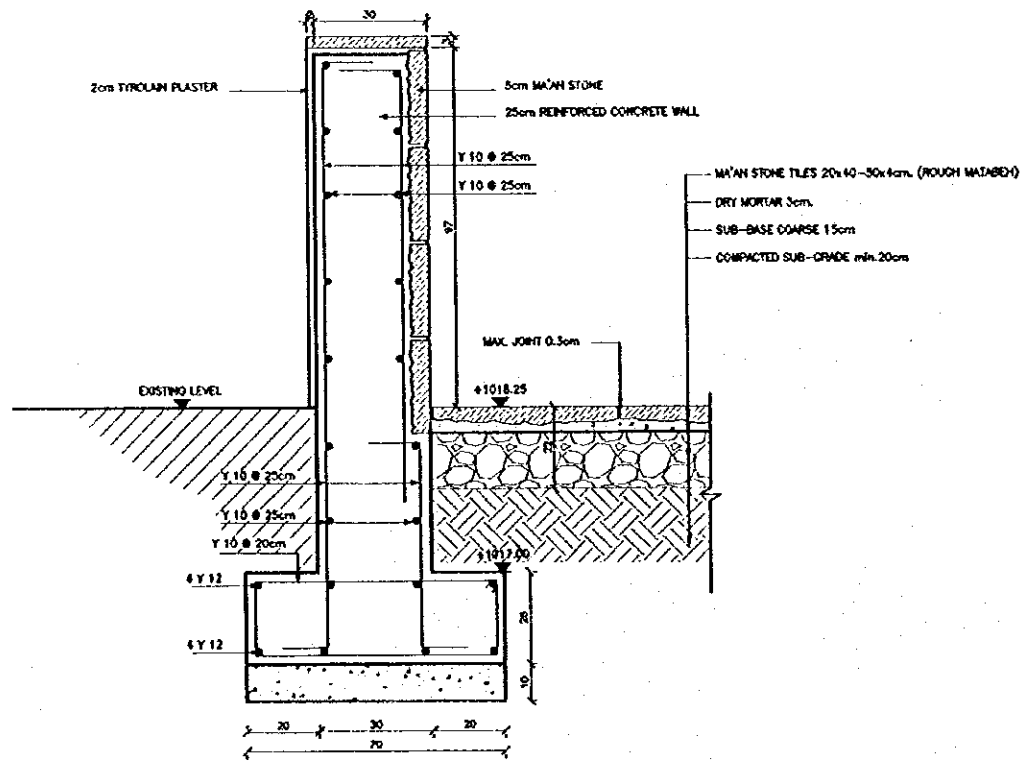


17 SECTION THROUGH MASTABEH
SCALE = AS SHOWN

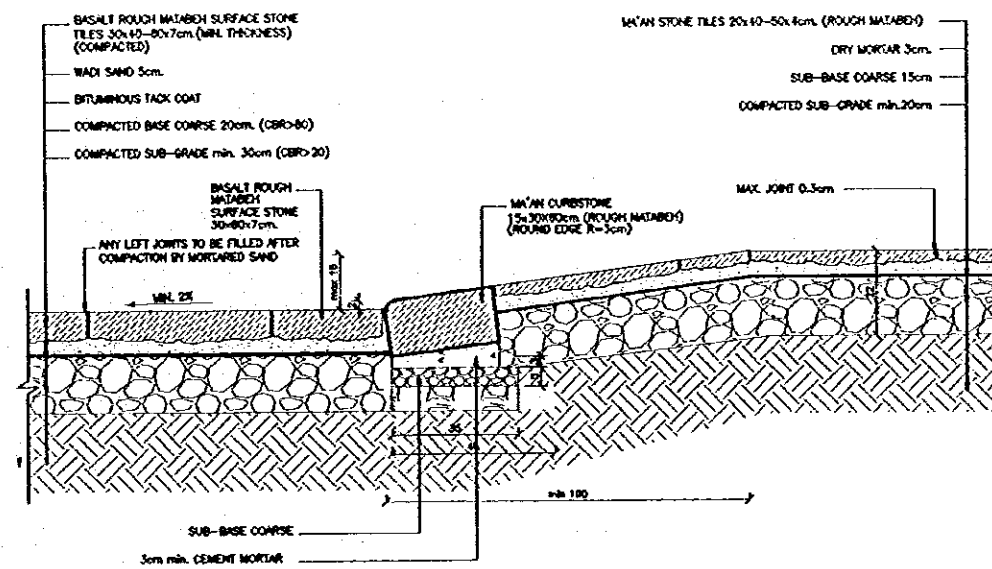


NOTE:
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18 TYPICAL SHOP THRESHOLD DETAIL
SCALE = 1:10



19 WALL DETAIL
SCALE = 1:10



20 SIDE WALK HANDICAPPED RAMP DETAIL
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:
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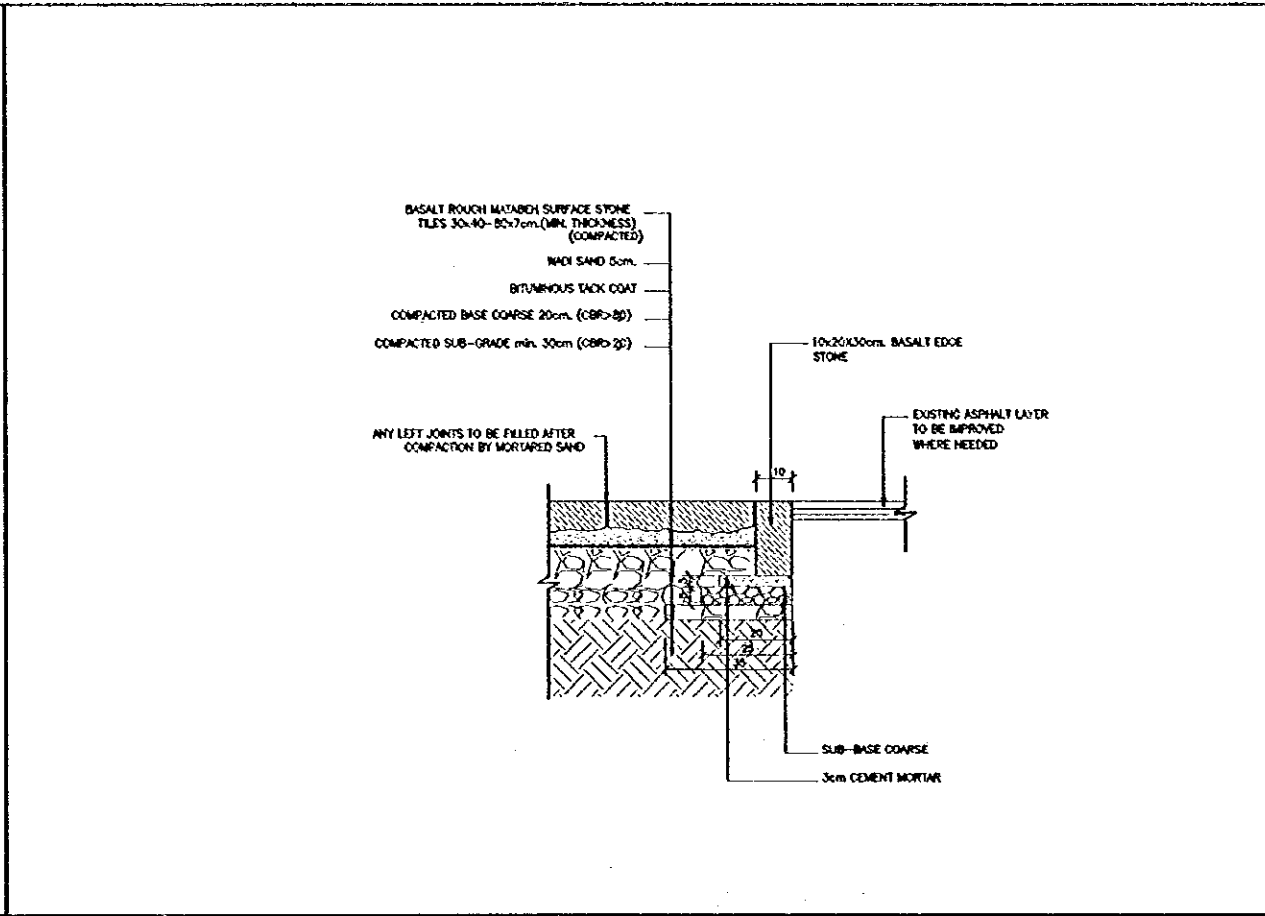
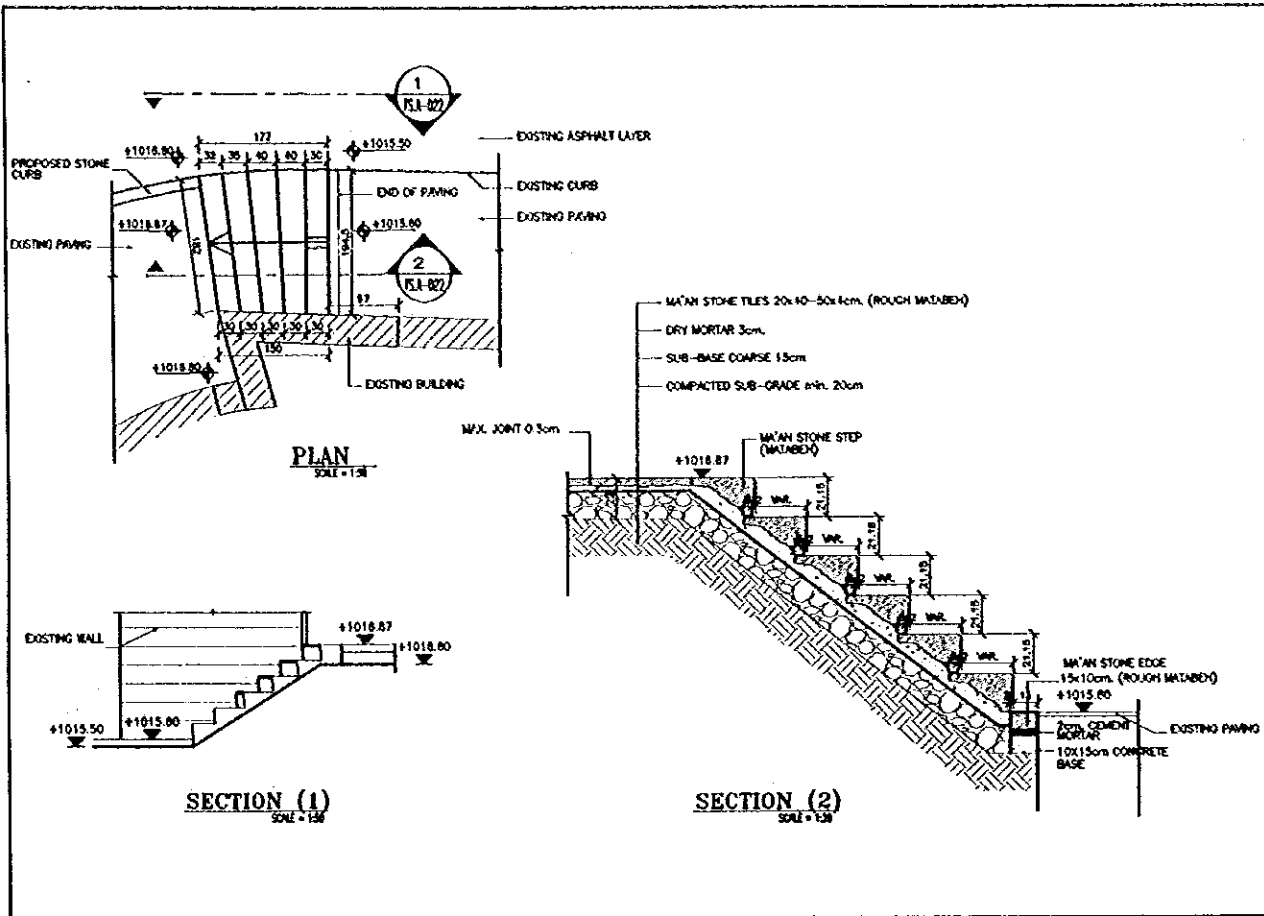
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DETAILS-5

Drawing Title:

Scale:
AS SHOWN

Drawing No.:
T.S.A-021



Project:
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 in the Hashemite Kingdom of Jordan

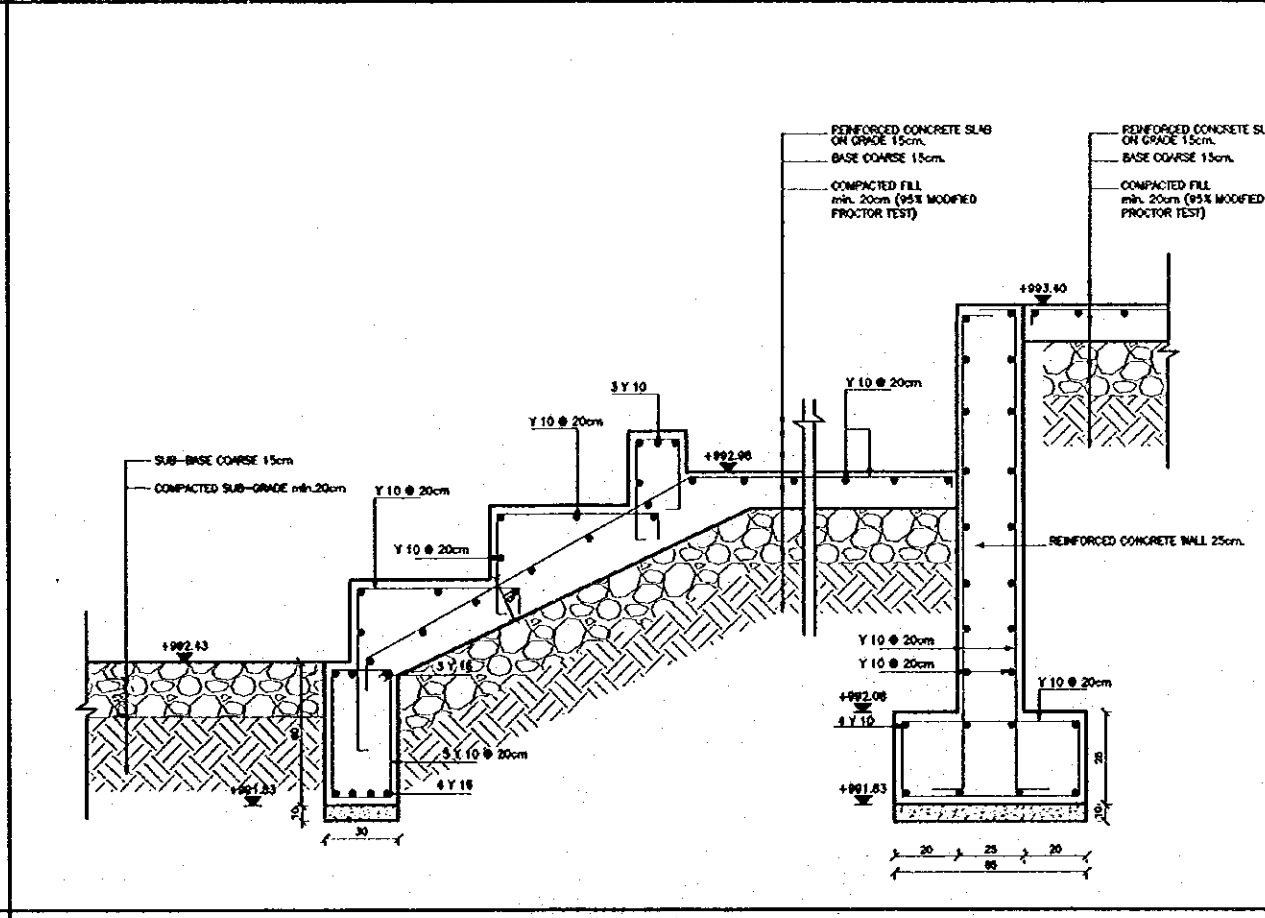
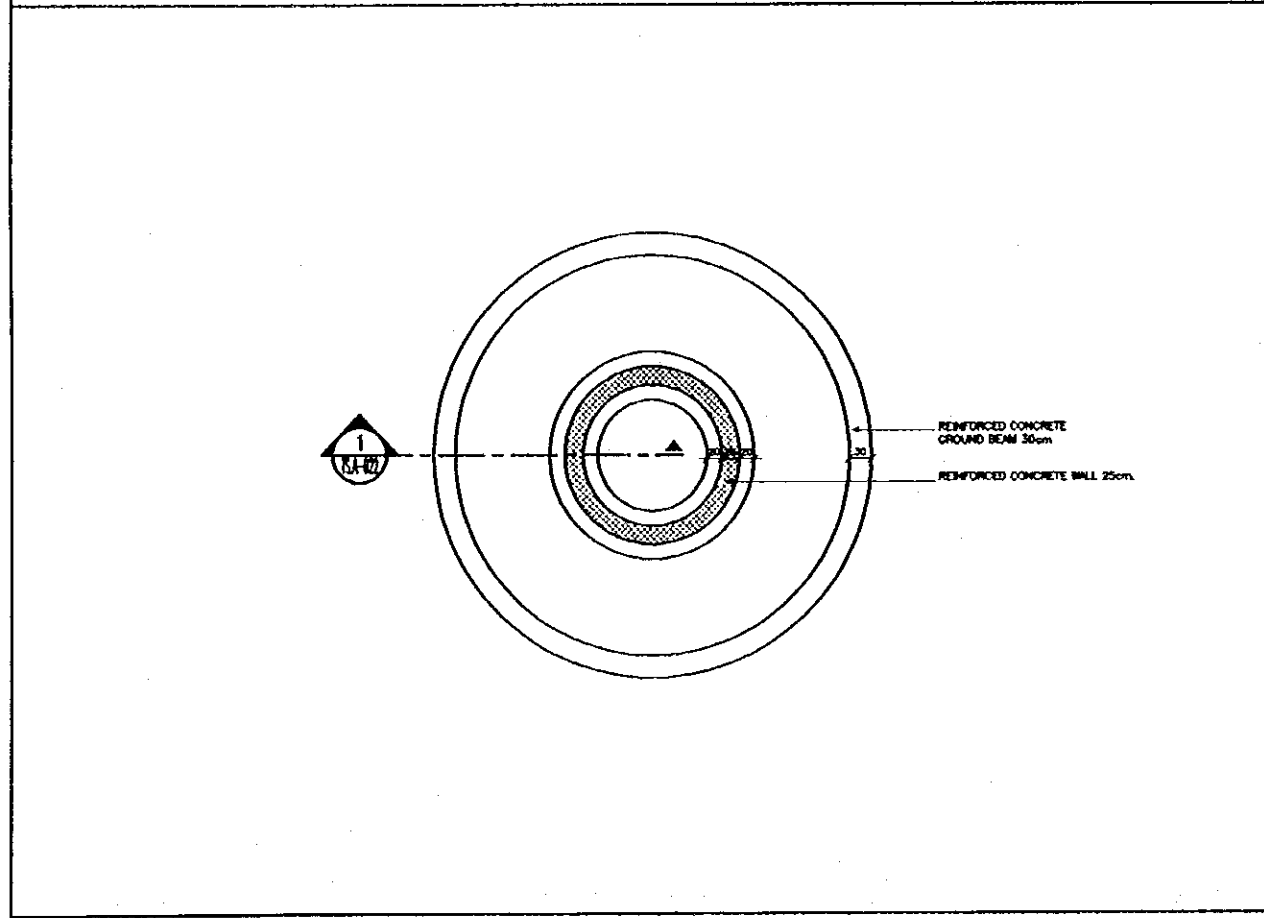
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SUB-PROJECT:
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21 DETAIL (21)
 SCALE = AS SHOWN

22 TYPICAL JOINT DETAIL BETWEEN PROPOSED STREET STONE PAVING
 AND EXISTING STREET ASPHALT PAVING
 SCALE = 1:10



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23 STATUE DETAIL (FOUNDATION PLAN)
 SCALE = 1:10

24 STATUE DETAIL (SECTION 1)
 SCALE = 1:10

DETAILS-6

Drawing Title:

Scale:
 AS SHOWN

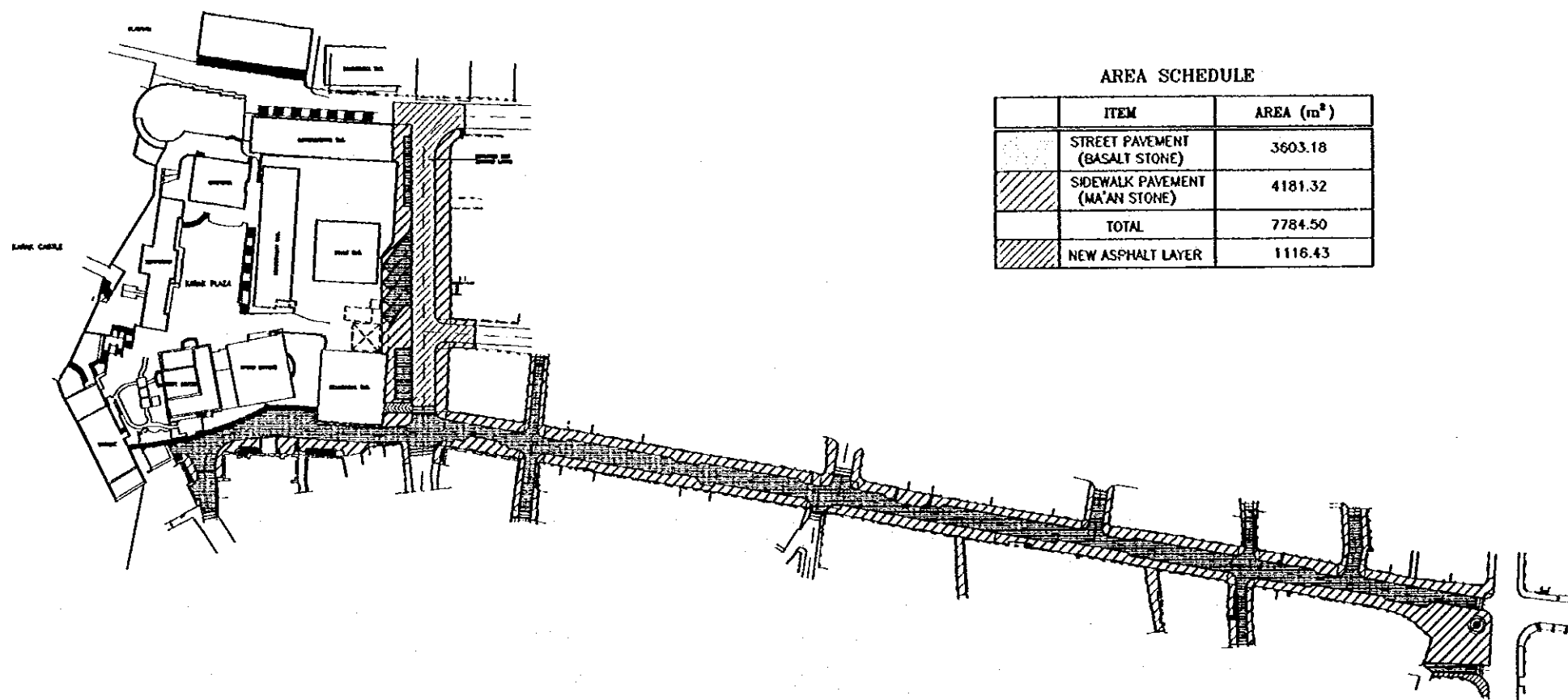
Drawing No.:
 TSA-022

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AREA SCHEDULE

| ITEM | AREA (m ²) |
|------------------------------------|------------------------|
| STREET PAVEMENT (BASALT STONE) | 3603.18 |
| SIDEWALK PAVEMENT (MA'AN STONE) | 4181.32 |
| TOTAL | 7784.50 |
| NEW ASPHALT LAYER | 1116.43 |

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PROJECT AREA

Drawing Title:

Scale:
1/1000

Drawing No.: **TS.A-023**

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 The Ministry of Planning

SUB-PROJECT:
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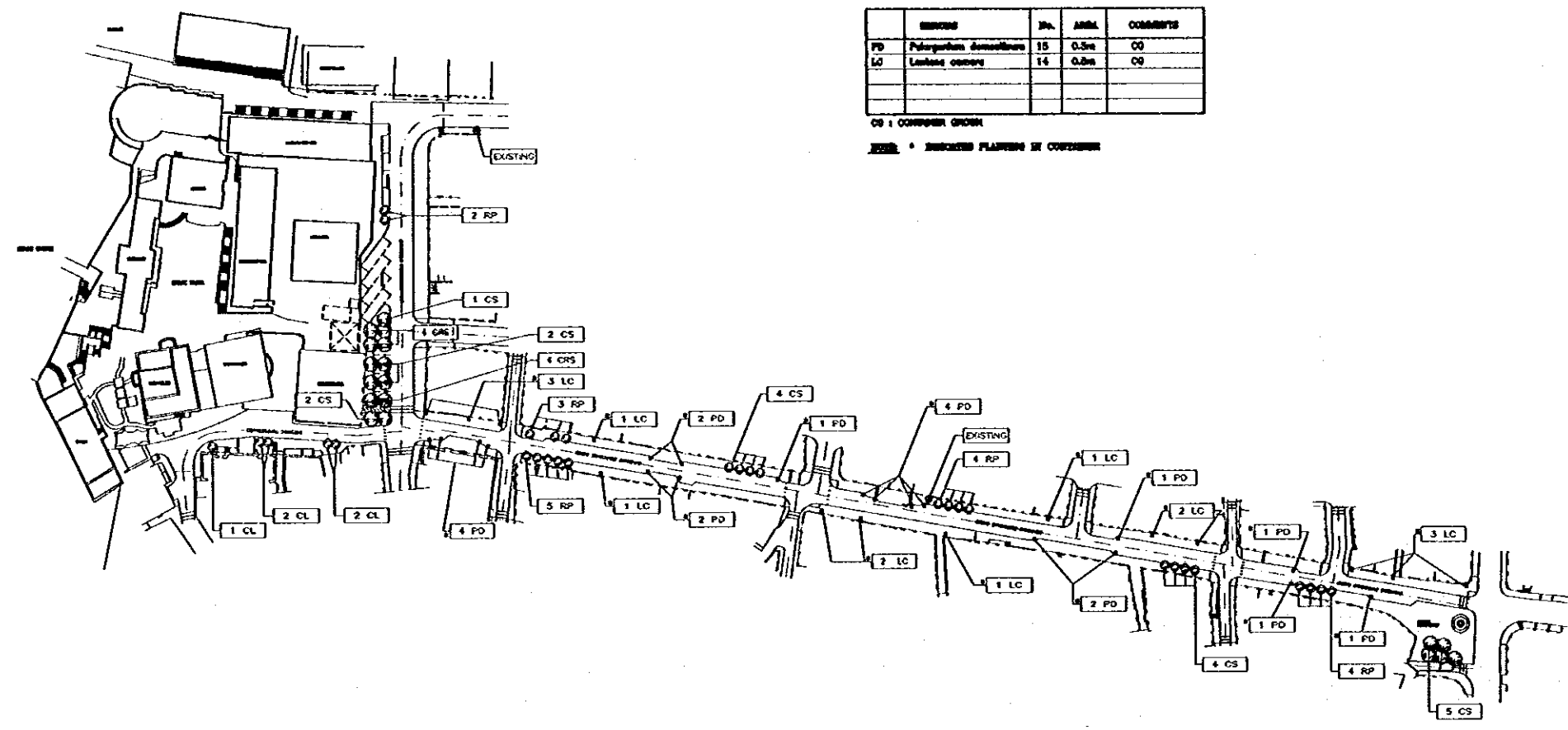
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PLANT SCHEDULE

| TREE & PALM | No. | SIZE | COMMENTS |
|-------------|--------------------|------|----------|
| CE | Carob tree | 18 | 3m |
| CEB | Carob tree | 8 | 3m |
| CL | Clonal trees | 8 | 3m |
| RP | Rubia pseudoacacia | 10 | 6m |

| SHRUB | No. | AREA | COMMENTS |
|-------|----------------------|------|----------|
| PD | Podagrum densiflorum | 15 | 0.5m CO |
| LC | Lonicera caerulea | 14 | 0.5m CO |

CO = COMPANION GROWN
 EXIST. = EXISTING PLANTING IN COURSE



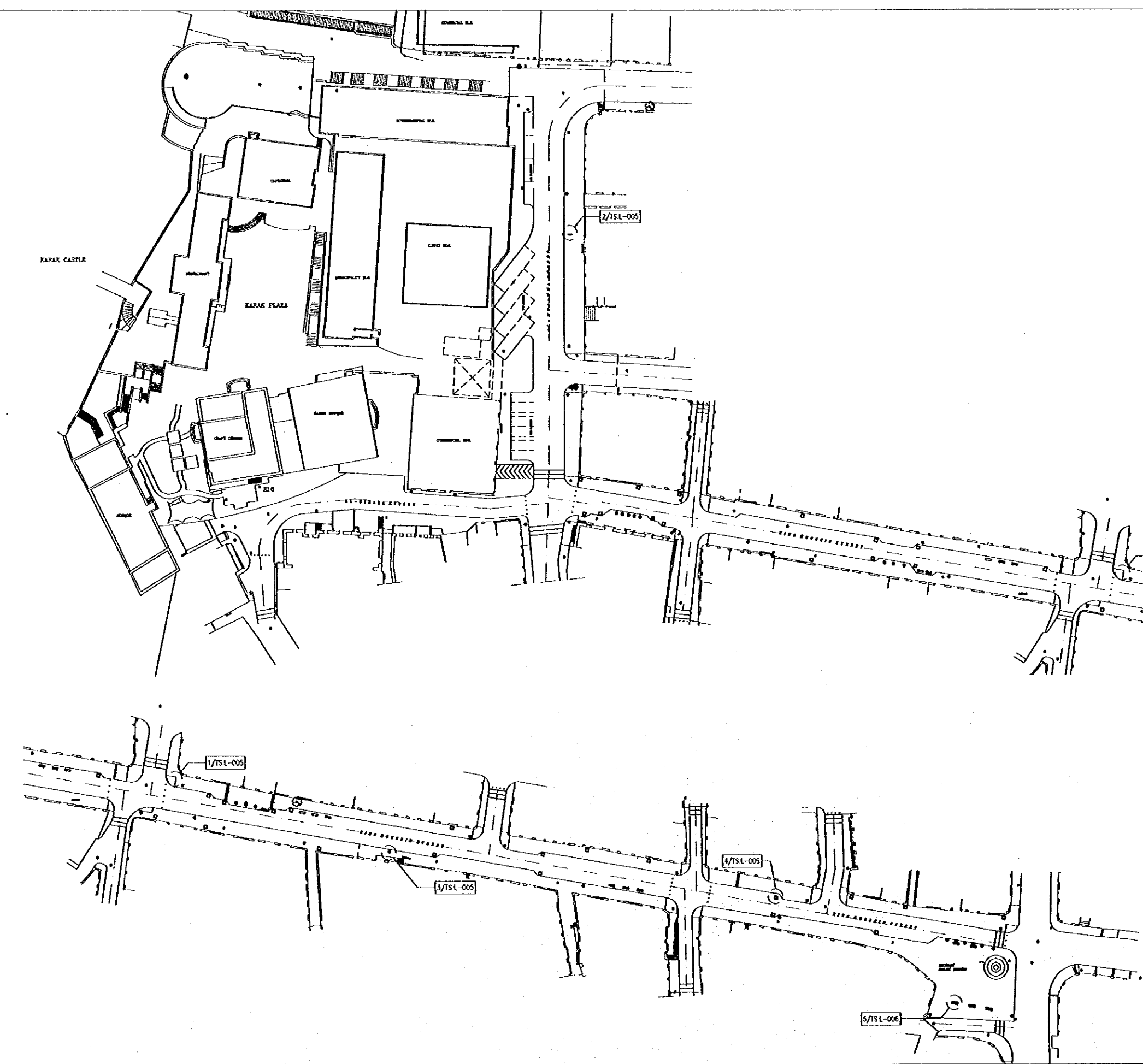
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PLANTING PLAN

Drawing Title:

Scale: 1/1000 Drawing No.: **TS.L-001**



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The Ministry of Planning

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LEGEND:

- INTERPRETATION SIGN
- ☒ DIRECTIONAL SIGN / AT 50m INTERVAL
- ⊙ WASTE BASKET
- PLANTER (BOXES)
- ▭ OUT DOOR SEAT WITH RECESSED LIGHT
- (P) NEW ELECTRICAL POLES
- ○ ○ BOLLARDS
- (B) ELECTRICAL BOLLARD
- ⊙ EXISTING ELECTRICAL POLE
- (T.P) EXISTING TELEPHONE POLE
- (W.M) EXISTING WATER MANHOLE
- (S) EXISTING SEWER MANHOLE
- ⊙ EXISTING TREE



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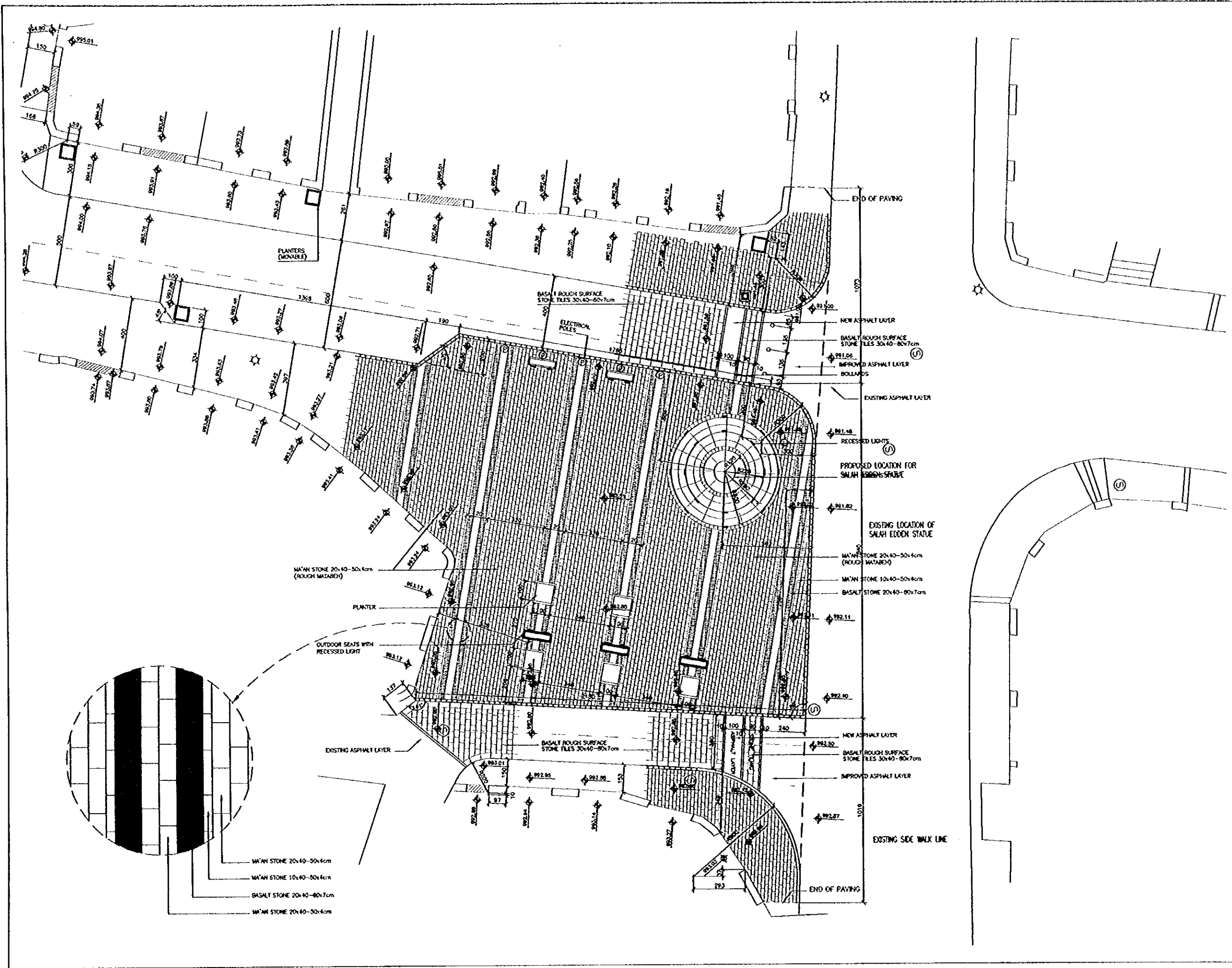
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STREET FURNITURE LAYOUT

Drawing Title:

Scale: 1/500 Drawing No: TS.L-002



Project:
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SUB-PROJECT:
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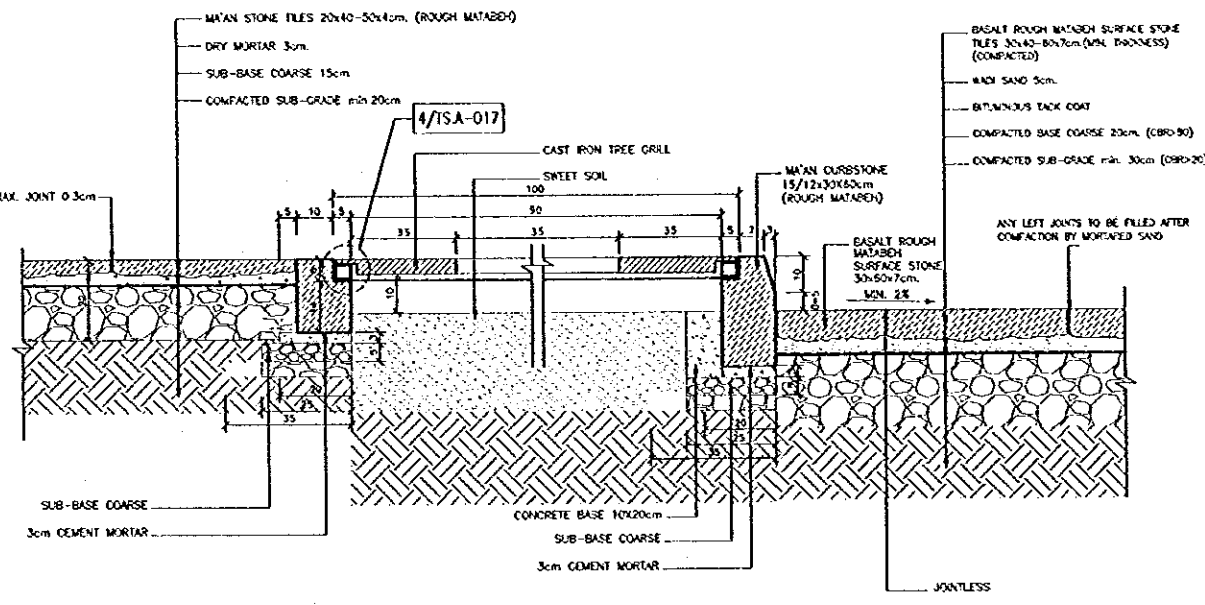
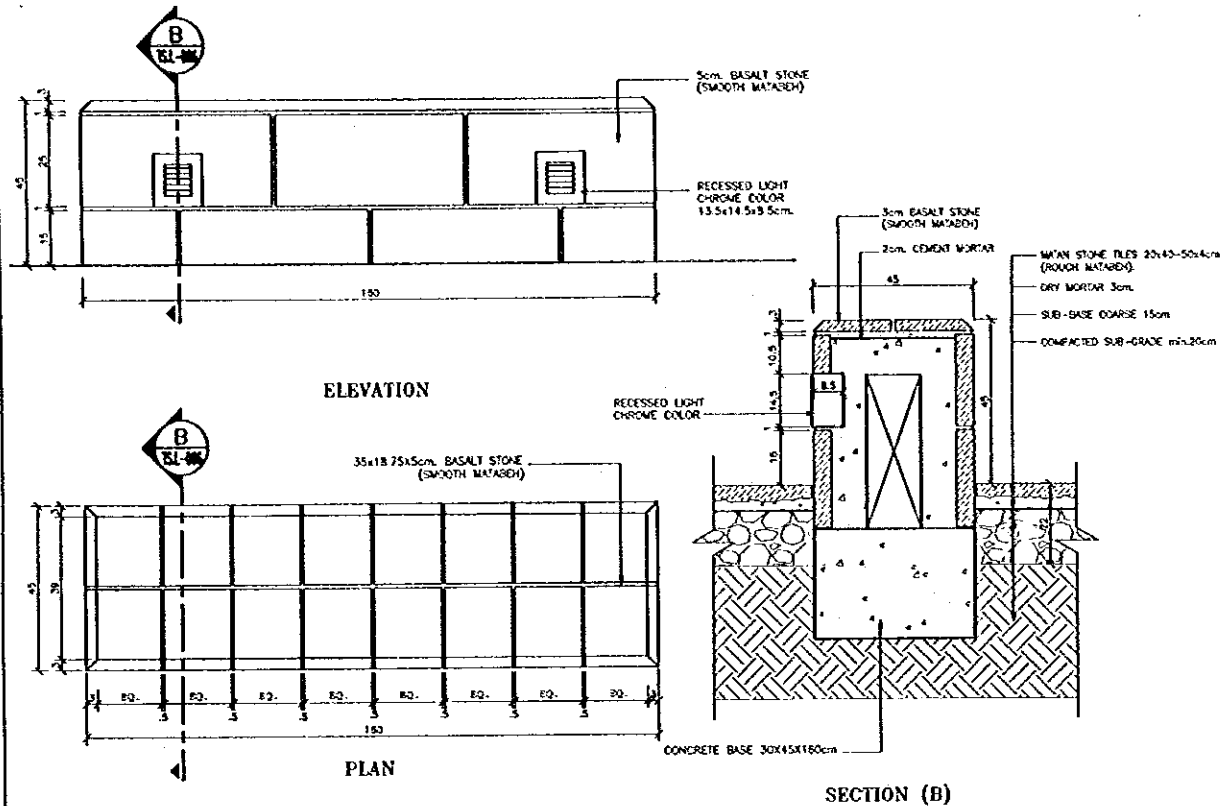
Subcontracted Local Consultant:



**MAYDAN SALAH
 EDDEN LAYOUT**

Drawing Title:

Scale: 1/100
 Drawing No: T.S.L-003



5 OUTDOOR SEAT DETAIL
SCALE = 1:10

6 TREE GRILLE DETAIL
SCALE = 1:10

Project:
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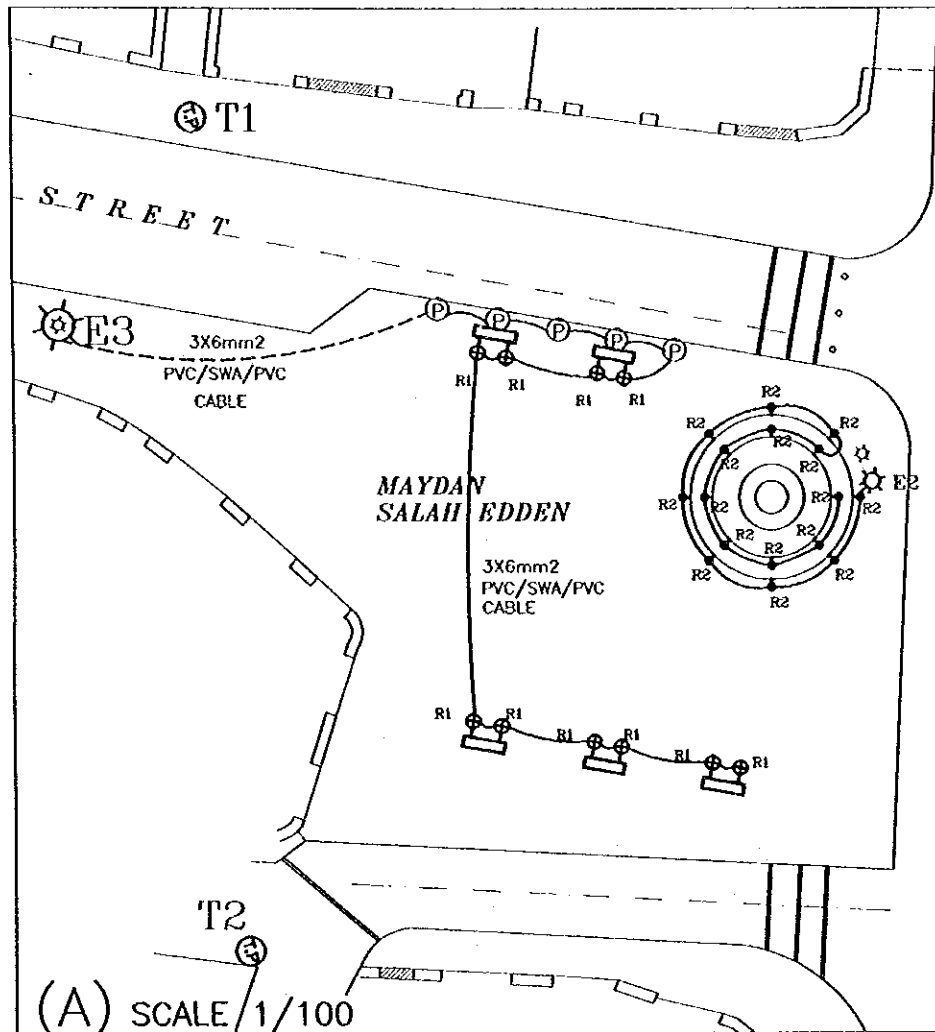
Subcontracted Local Consultant:



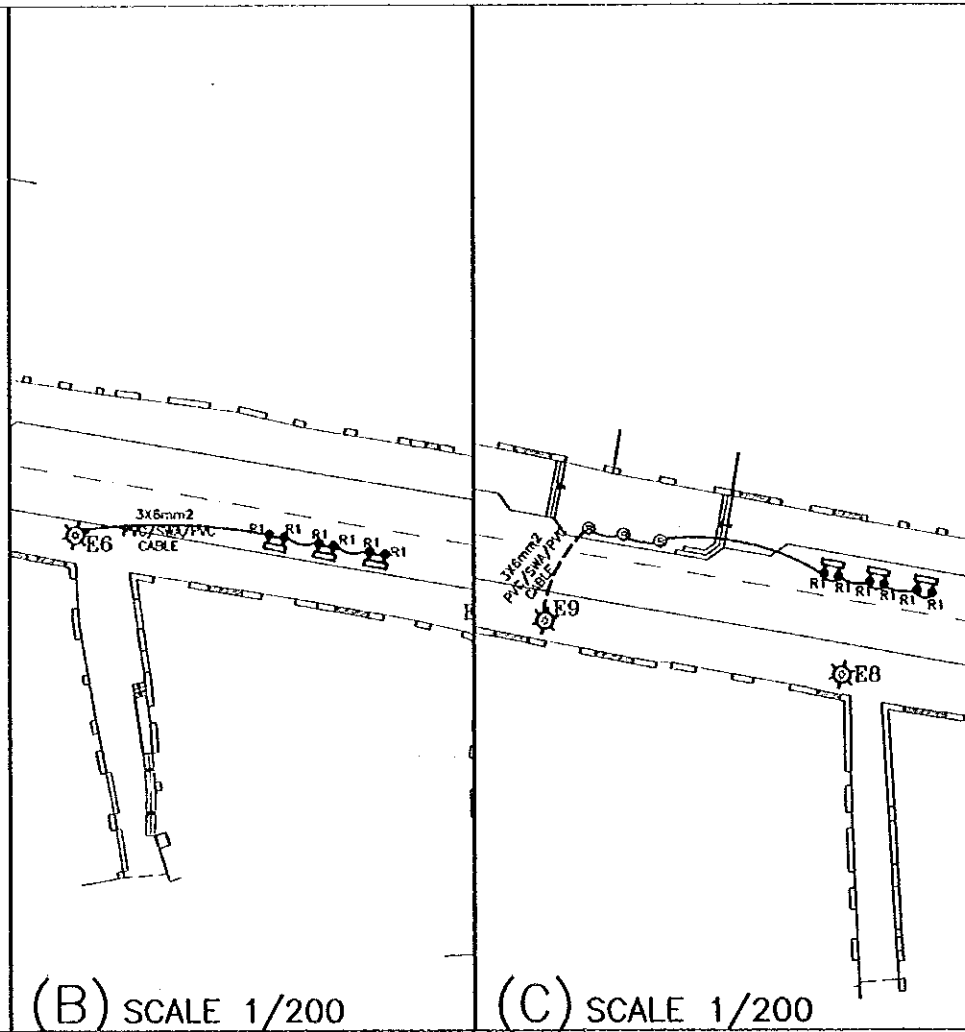
LANDSCAPE DETAILS-2

Drawing Title:

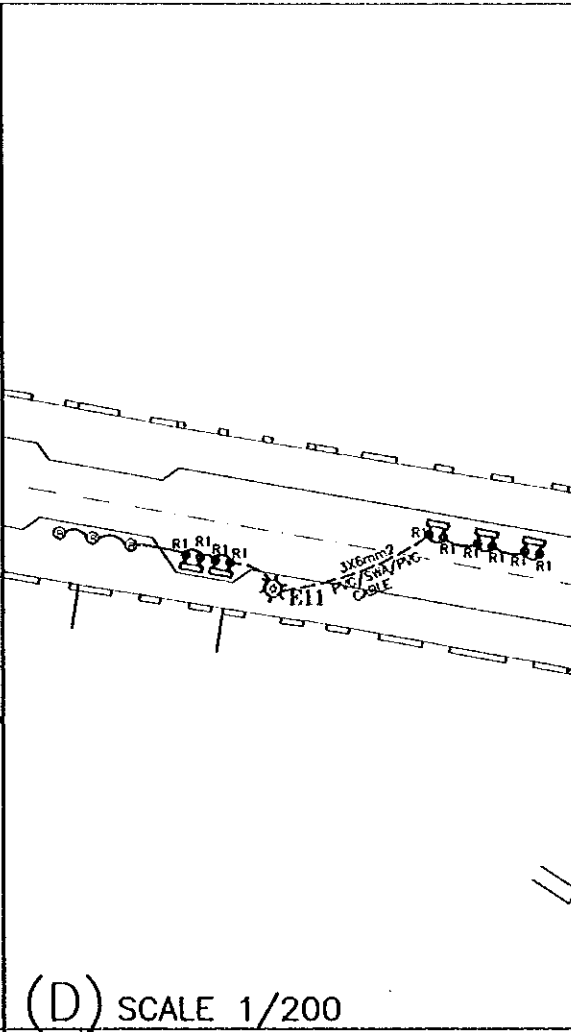
Scale: 1/10
Drawing No: T.S.L-006



(A) SCALE 1/100



(B) SCALE 1/200



(C) SCALE 1/200

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R1
IP69 RECESSED RECTANGULAR WALL MOUNTED LIGHTING UNIT 100X145mm WITH LOW COMPACT FLUORESCENT LAMP DIECAST ALUMINUM BODY WITH TOUGHENED GLASS DIFFUSER(F1)

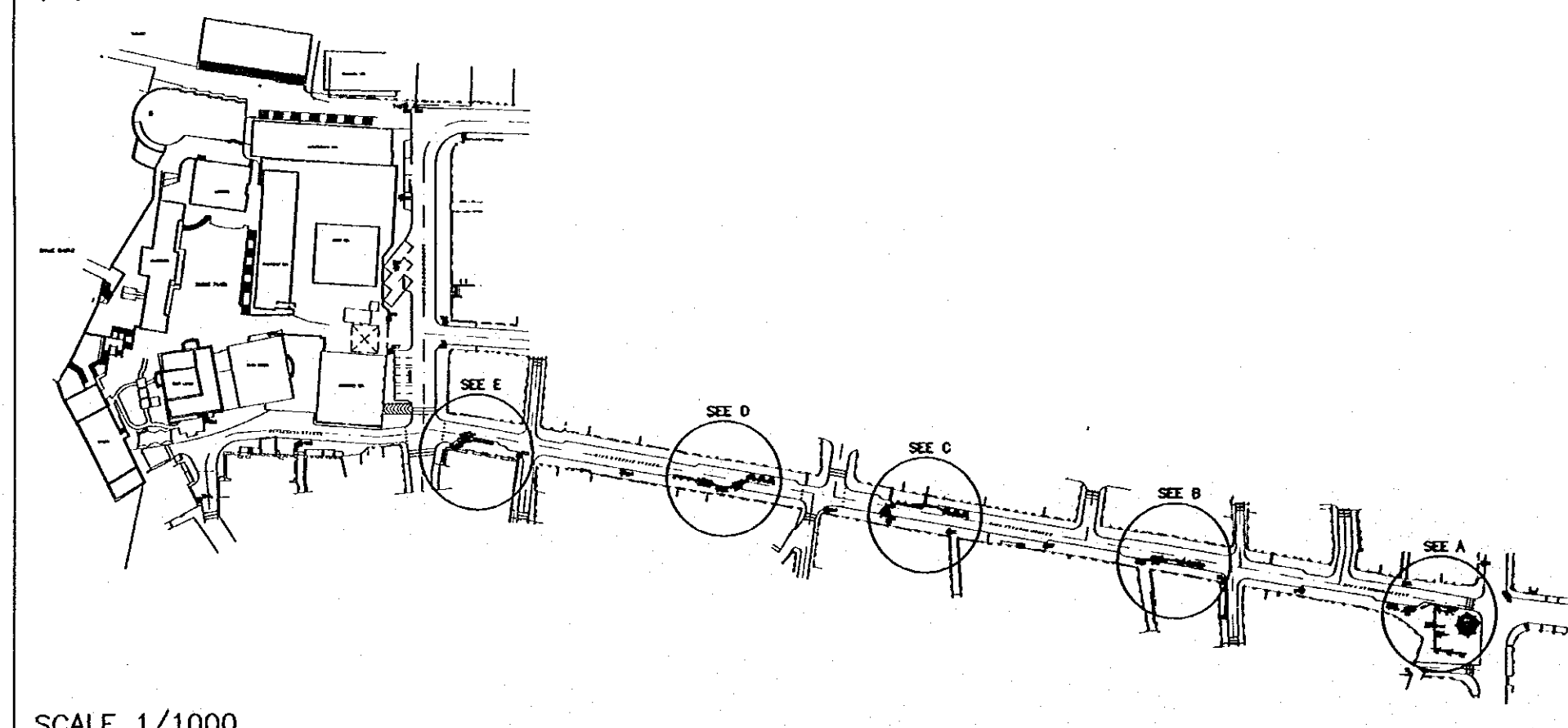
R2
IP55 RECTANGULAR RECESSED WALL MOUNTED LIGHTING UNIT 260X100mm WITH LOW COMPACT FLUORESCENT LAMP WITH DIE CAST BODY AND GUARD(F2)

B
IP65 .90cm HEIGHT BOLLARD WITH VANDAL PROOF DIFFUSER AND 80W HPMV LAMP(M1)

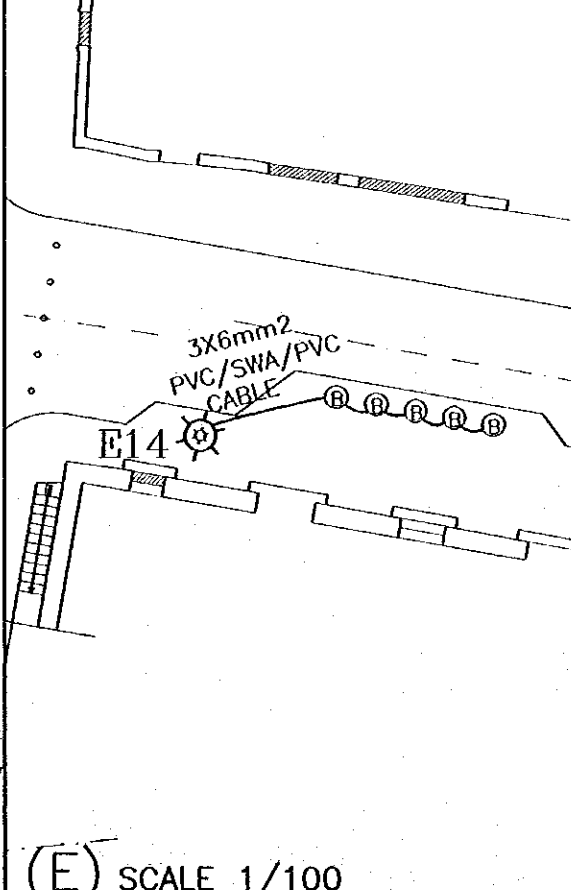
P
3.5m HEIGHT LIGHTING POLE DECORATIVE STREET LIGHTING (LIGHT COLUMN) AND 70W WHITE SON LAMP(S1)

NOTE :-
1- ALL OUT DOOR LIGHTING FIXTURES SHALL BE CONNECTED TO THE STREET LIGHTING WIRE ON THE NEAREST EXISTING ELECTRICAL POLE .
2- IN CASE OF CROSSING THE STREET CABLE SHALL BE INSTALLED IN GALVANIZED CONDUIT(#32mm) .
3- CONNECTION TO POWER SUPPLY SHALL BE CARRIED OUT IN COORDINATION WITH POWER UTILITY .

--- DIRECT BURIED ARMoured CABLE



SCALE 1/1000



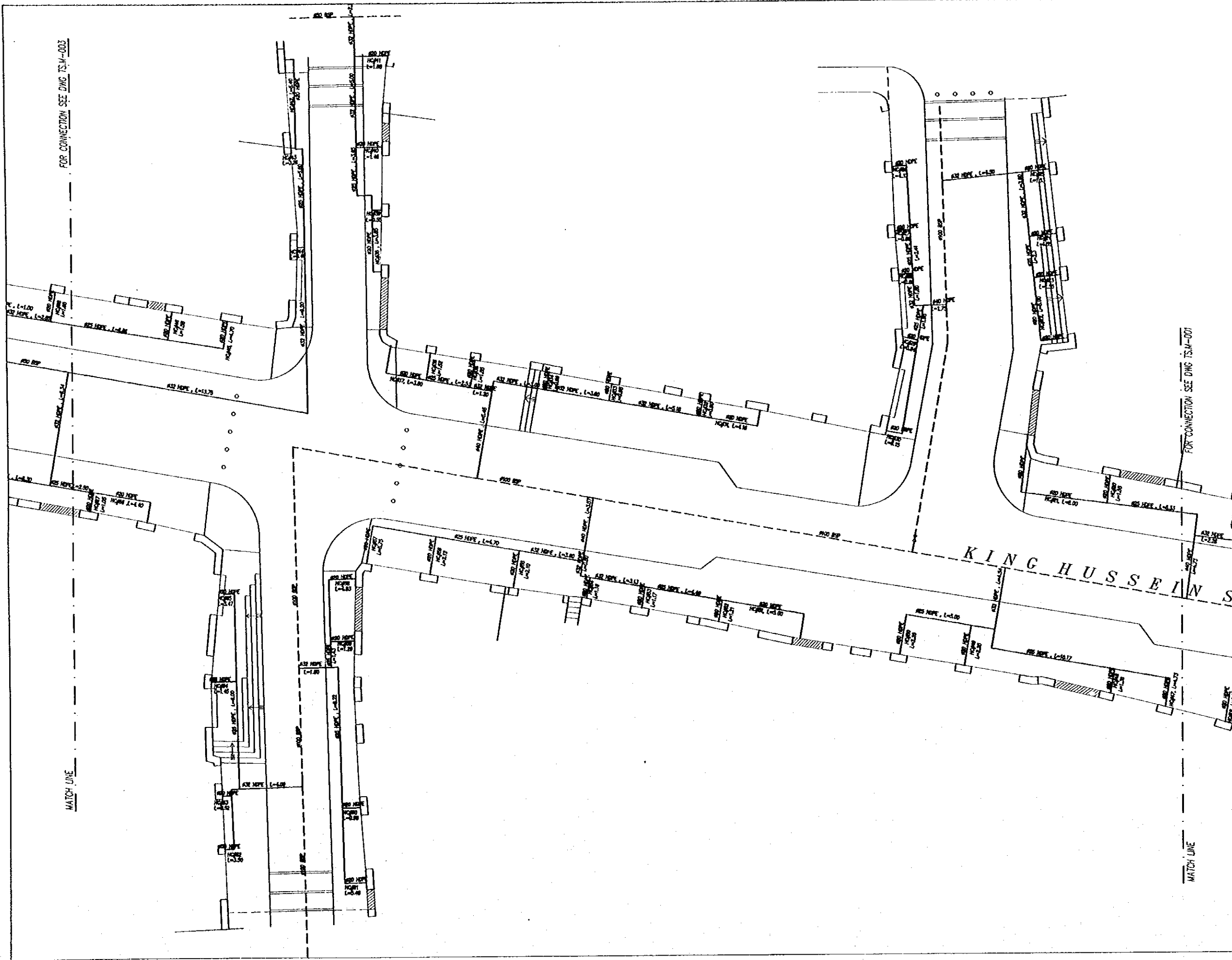
(E) SCALE 1/100

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LIGHTING FOR MAYDAN SALAH EDDEN

Drawing Title:

Scale: AS SHOWN Drawing No: T.S.E-001



Project:
 Tourism Sector Development Project
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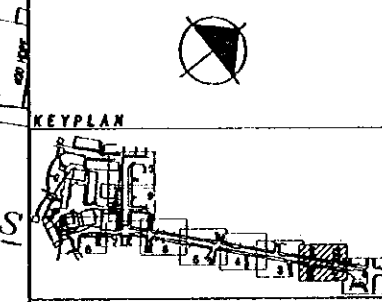
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SUB-PROJECT:
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 Tourist Street

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- LEGEND:**
- EXISTING WATER LINE.
 - - - PROPOSED WATER LINE.
- SYMBOLS & ABBREVIATIONS:**
- ⊘ : END CAP (EXISTING).
 - ⊕ : VALVE CHAMBER (EXISTING).
 - ESP : BLACK STEEL CEMENT LINED PIPE (EXISTING).
 - HOPE : HIGH DENSITY POLYETHYLENE (PROPOSED).
 - F.F.L. : FINISH FLOOR LEVEL.
 - HC : HOUSE CONNECTION.

- NOTE:**
- 1- ALL PIPE DIAMETERS ARE IN (mm), AND ALL PIPE LENGTHS ARE IN (m), UNLESS OTHERWISE STATED.
 - 2- ALL EXISTING MAIN WATER LINES ARE BLACK STEEL CEMENT LINED.
 - 3- ALL HOUSE CONNECTIONS SHALL BE HOPE PIPES.
 - 4- ALL WATER PIPES SHALL BE INSTALLED 1000MM BELOW STREET.
 - 5- ANY DAMAGES TO THE SURFACE UTILITIES WHICH OCCUR AS A RESULT OF THE CONTRACTOR WORK SHALL BE REPAIRED AND CORRECTED BY THE CONTRACTOR EXPENSES. IN ANY HOW NO ALLOWANCE SHALL BE MADE FOR SUCH CORRECTIONS.
 - 6- CONTRACTOR SHALL CONSIDER THE EXISTING MAIN WATER LINE.
 - 7- EXISTING GROUND LEVELS CAN BE READ FROM DWG. T.S.M-001.



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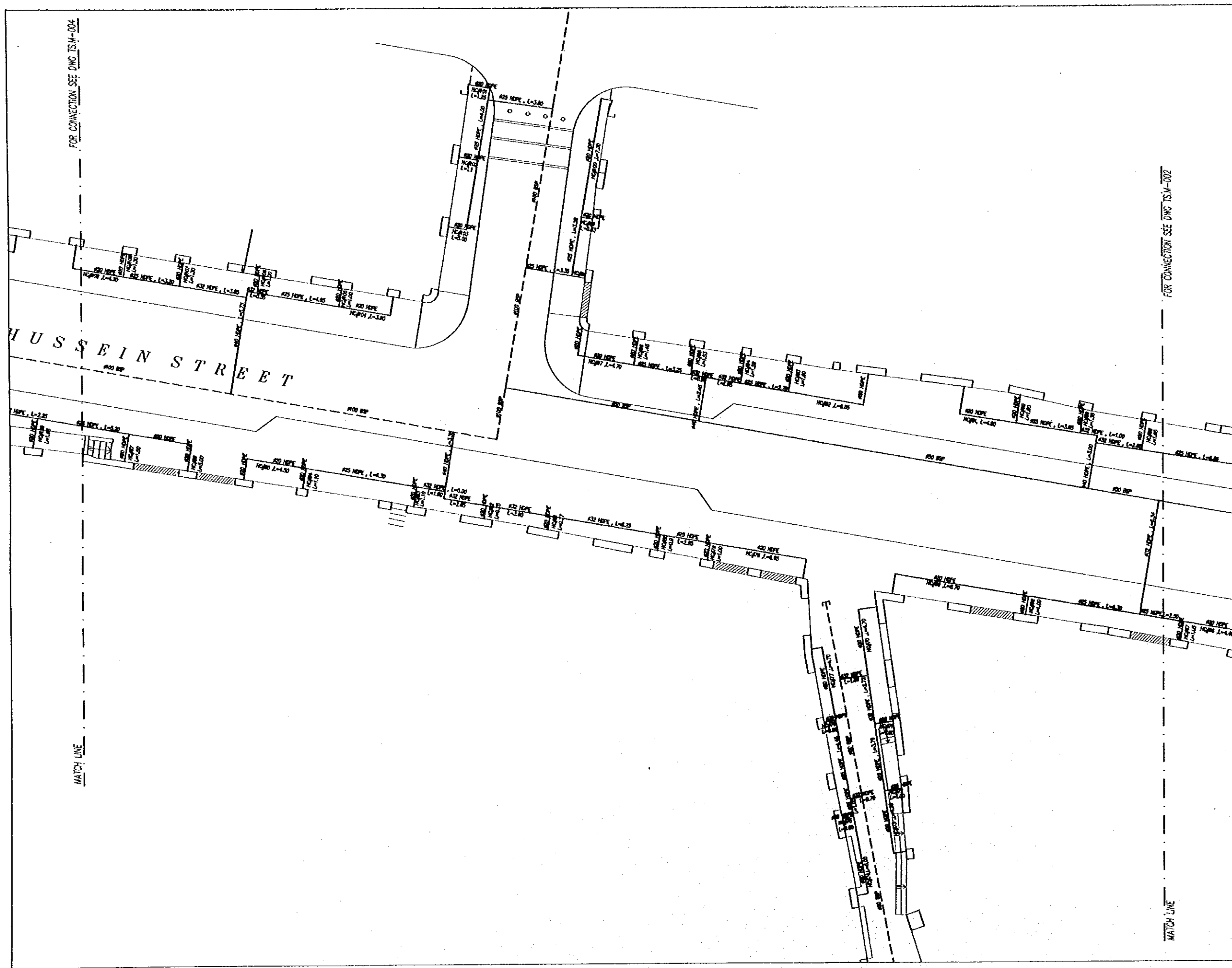
Subcontracted Local Consultant:

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WATER DISTRIBUTION LAYOUT-2

Drawing Title:

Scale: 1/100 Drawing No.: T.S.M-002



Project:
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The Ministry of Planning

SUB-PROJECT:
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LEGEND:
--- EXISTING WATER LINE
--- PROPOSED WATER LINE

SYMBOLS & ABBREVIATIONS:
--- END CAP (EXISTING)
--- VALVE CHAMBER (EXISTING)
RSP : BLACK STEEL CEMENT LINED PIPE (EXISTING)
RWP : HIGH DENSITY POLYETHYLENE (PROPOSED)
F.F.L. : FINISH FLOOR LEVEL
HC : HOUSE CONNECTION

NOTE:
1-ALL PIPE DIAMETERS ARE IN (mm), AND ALL PIPE LENGTHS ARE IN (m) UNLESS OTHERWISE STATED.
2-ALL EXISTING MAIN WATER LINES ARE BLACK STEEL CEMENT LINED.
3-ALL HOUSE CONNECTIONS SHALL BE RWP PIPES.
4-ALL WATER PIPES SHALL BE INSTALLED 100MM BELOW STREET.
5-ANY DAMAGES TO THE SURFACE UTILITIES WHICH OCCUR AS A RESULT OF THE CONSTRUCTION WORK SHALL BE REPAIRED AND CONNECTED ON THE CONTRACTOR EXPENSES. IN ANY HOW NO ALLOWANCE SHALL BE MADE FOR SUCH CONNECTIONS.
6-CONTRACTOR SHALL CONSIDER THE EXISTING MAIN WATER LINE.
7-EXISTING GROUND LEVELS CAN BE READ FROM DWG. TS.M-001

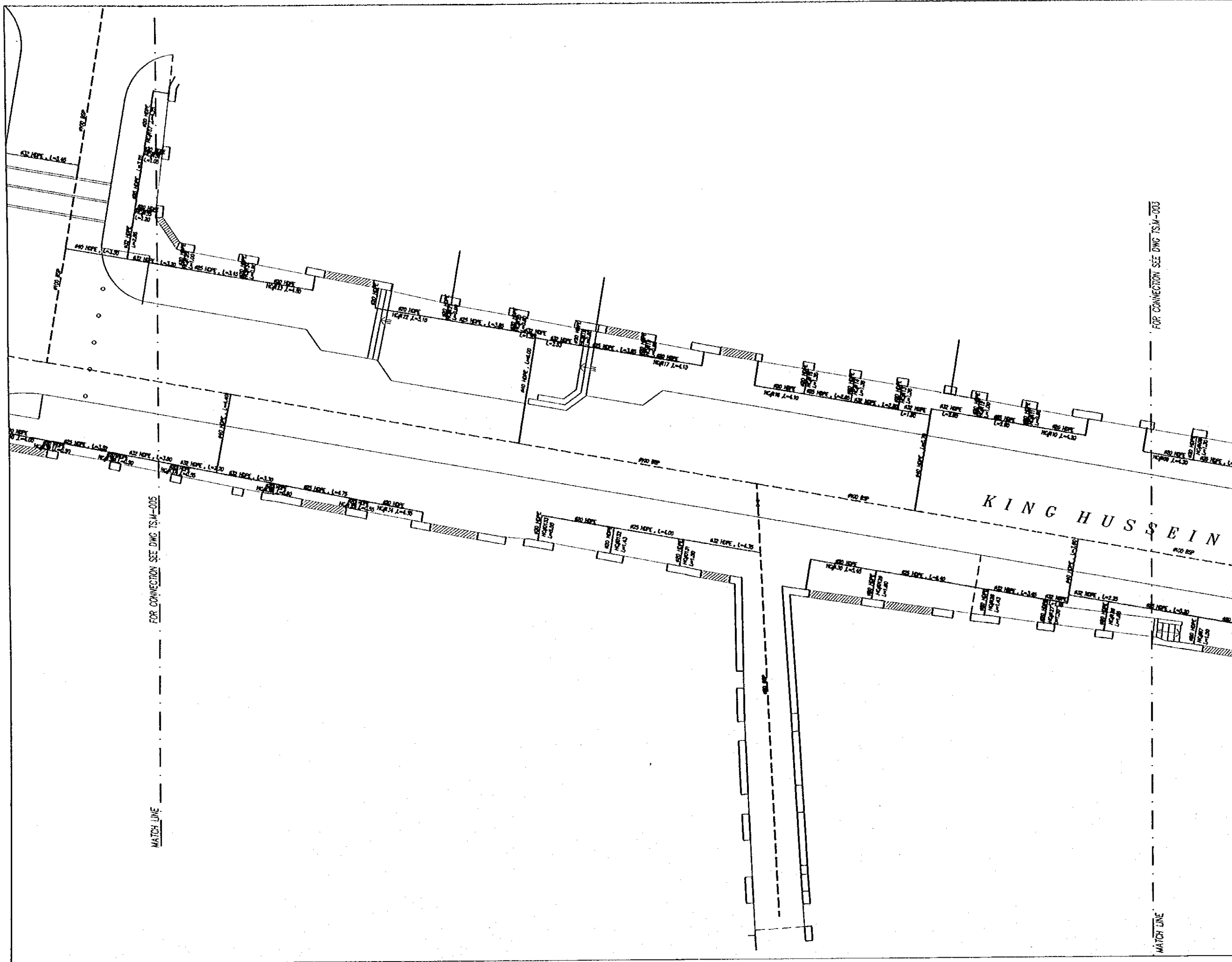
KEY PLAN

Designed by:
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engineering & environment
Tel: 0012277 - Fax: 0012288 - AMMAN - JORDAN

WATER DISTRIBUTION LAYOUT-3
Drawing Title:

Scale: 1/100
Drawing No.: TS.M-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
 Tourist Street

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.
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LEGEND:

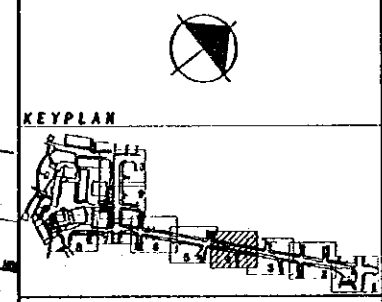
- - - - - EXISTING WATER LINE
- — — — — PROPOSED WATER LINE

SYMBOLS & ABBREVIATIONS:

- : OLD CAP (EXISTING)
- ◇— : VALVE CHAMBER (EXISTING)
- SP— : BLACK STEEL CEMENT LINED PIPE (EXISTING)
- HOPE : HIGH DENSITY POLYETHYLENE (PROPOSED)
- F.F.L. : FINISH FLOOR LEVEL
- HC : HOUSE CONNECTION

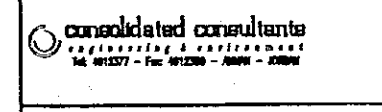
NOTE:

- 1- ALL PIPE DIAMETERS ARE IN (mm), AND ALL PIPE LENGTHS ARE IN (m) UNLESS OTHER WISE STATED.
- 2- ALL EXISTING MAIN WATER LINES ARE BLACK STEEL CEMENT LINED.
- 3- ALL HOUSE CONNECTIONS SHALL BE HOPE PIPES.
- 4- ALL WATER PIPES SHALL BE INSTALLED 1000mm BELOW STREET
- 5- ANY DAMAGES TO THE SURROUNDING UTILITIES WHICH OCCUR AS A RESULT OF THE CONTRACTOR WORK SHALL BE REPAIRED AND CONNECTED TO THE CONTRACTOR EXPENSES. IN ANY HOW NO ALLOWANCE SHALL BE MADE FOR SUCH CONNECTIONS.
- 6- CONTRACTOR SHALL CONSIDER THE EXISTING MAIN WATER LINE
- 7- EXISTING GROUND LEVELS CAN BE READ FROM DWG. TS-M-001



Designed by:
 Japan International Cooperation Agency (JICA)
 JICA Study Team:
 Joint Venture of
 Pacific Consultants International and
 Yamasita Sekkai Inc.

Subcontracted Local Consultant:



WATER DISTRIBUTION LAYOUT-4

Drawing Title:

Scale: 1/100 Drawing No.: TS-M-004