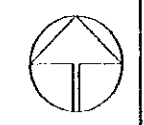
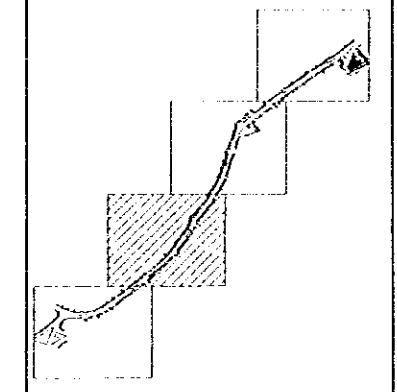


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• FOR TREE FLOWER BED DETAILS REFER TO D-04, D-05, AD-01
• FOR SIGN TYPES REFER TO D-19, D-20, D-21, D-22, AD-05
• FOR MANHOLE DETAILS REFER TO D-15, D-23, AD-04 & D-23, AD-06
• FOR BOLLARDS DETAILS REFER TO D-24, AD-06
• FOR LITTER BIN DETAILS REFER TO D-25, AD-06
• FOR TYPICAL CLOCK DETAIL REFER TO D-26, AD-06
• FOR BENCH DETAILS REFER TO D-27, AD-07
• FOR WET STONE CLADDING DETAILS REFER TO D-33, AD-08



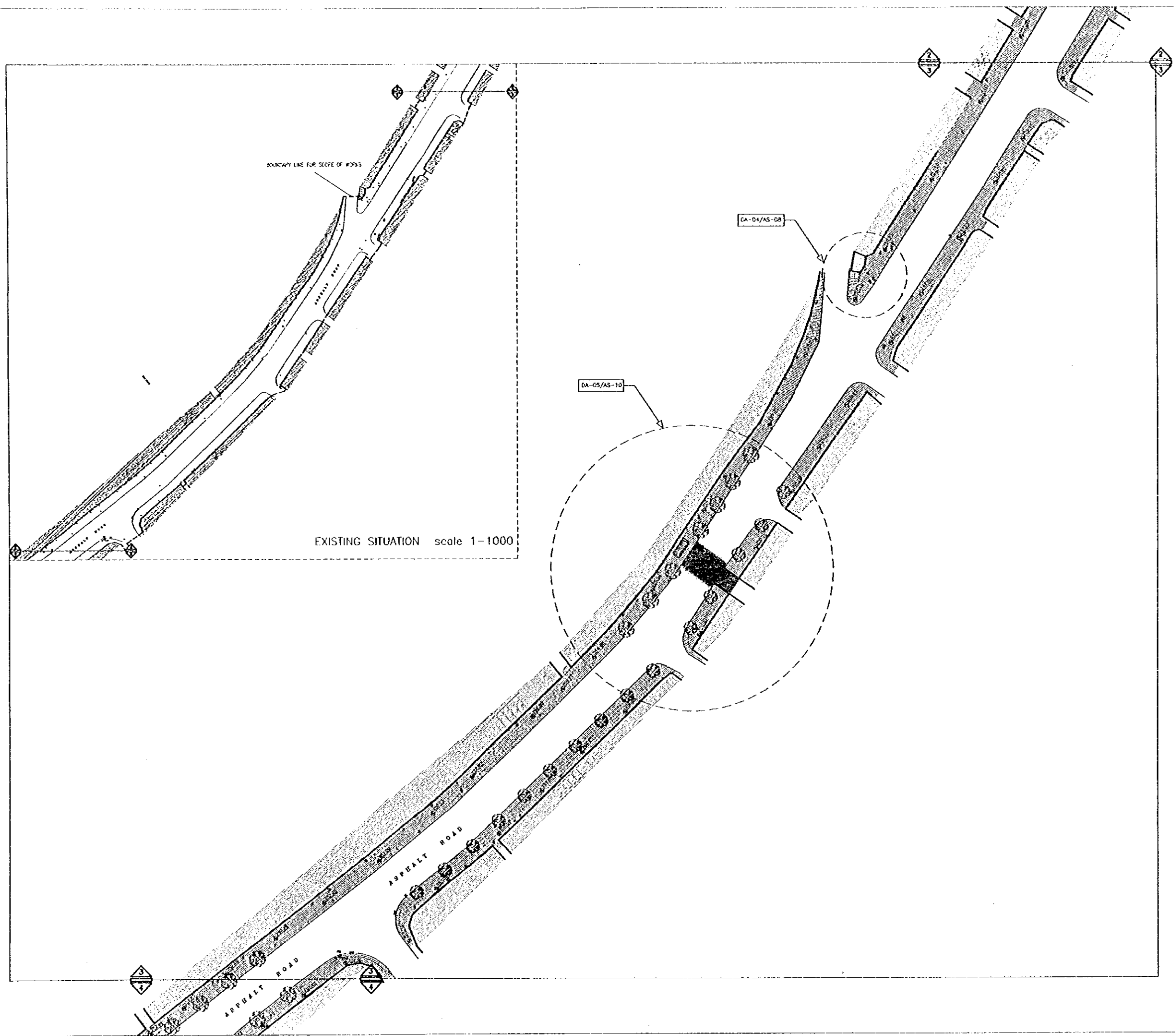
Designed by:
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DATE | JUNE-10/2000

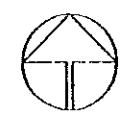
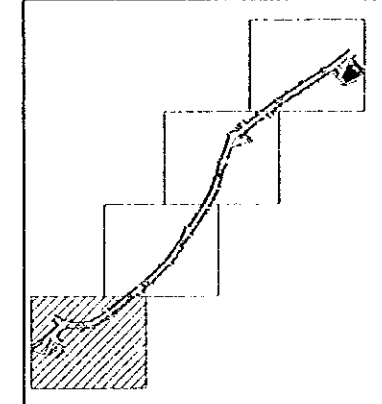
TOURIST STREET (TALAL)

Drawing Title:
SITB PLAN - ZONE 3

Scale: | Drawing No:
1:500 | AD.AS-04



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• FOR TREE/FLOWER BED DETAILS REFER TO D-04/D-05/AD-01
• FOR SIGN TYPES REFER TO D-19/D-20/D-21, D-22/AD-05
• FOR MANHOLE DETAILS REFER TO D-15/SD-04 & D-23/AD-06
• FOR BOLLARDS DETAILS REFER TO D-24/AD-06
• FOR LITTER BIN DETAILS REFER TO D-25/AD-06
• FOR TYPICAL CLOCK DETAIL REFER TO D-26/AD-06
• FOR BENCH DETAILS REFER TO D-27/AD-07
• FOR WET STONE CLADDING DETAILS REFER TO D-33/AD-06



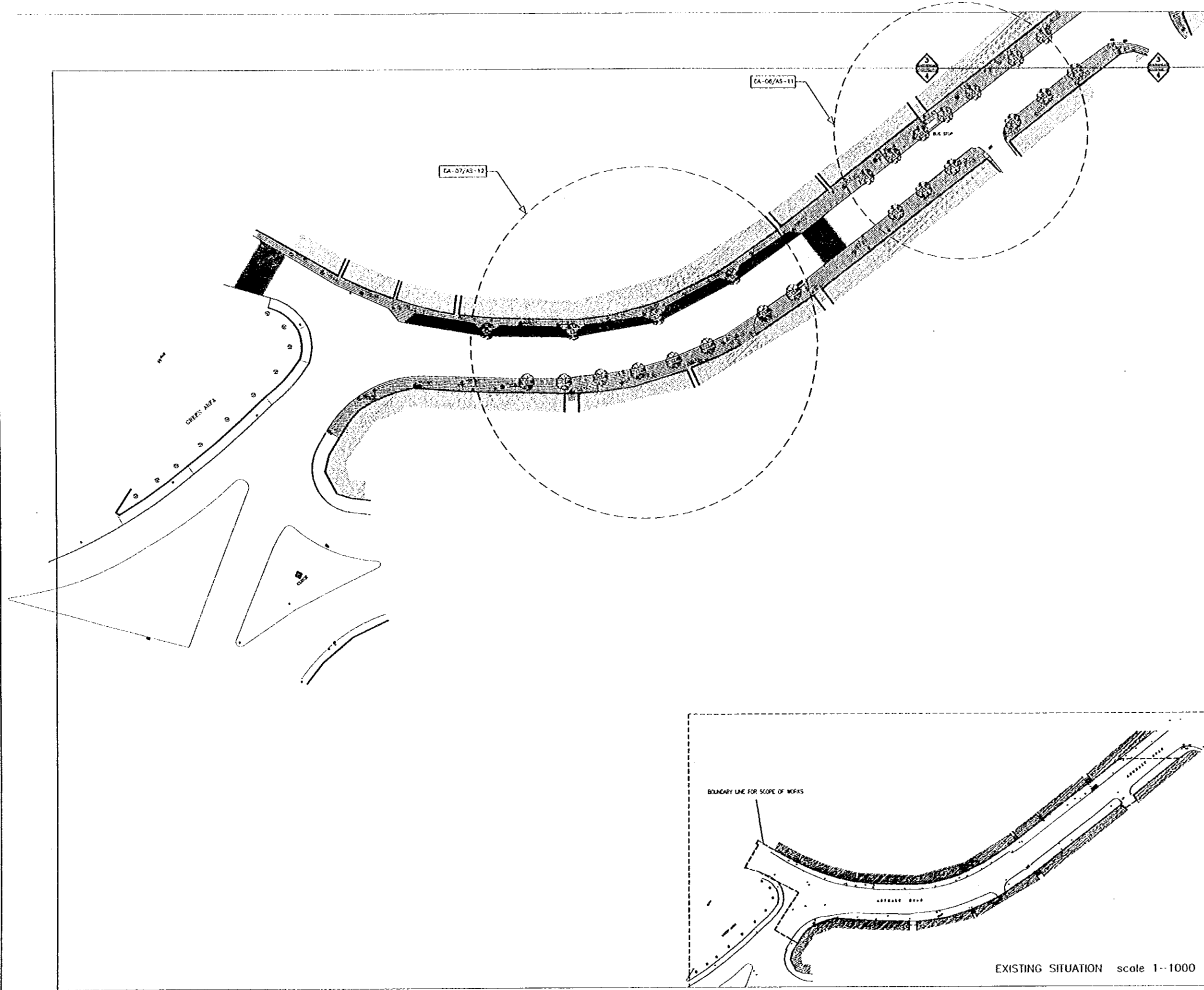
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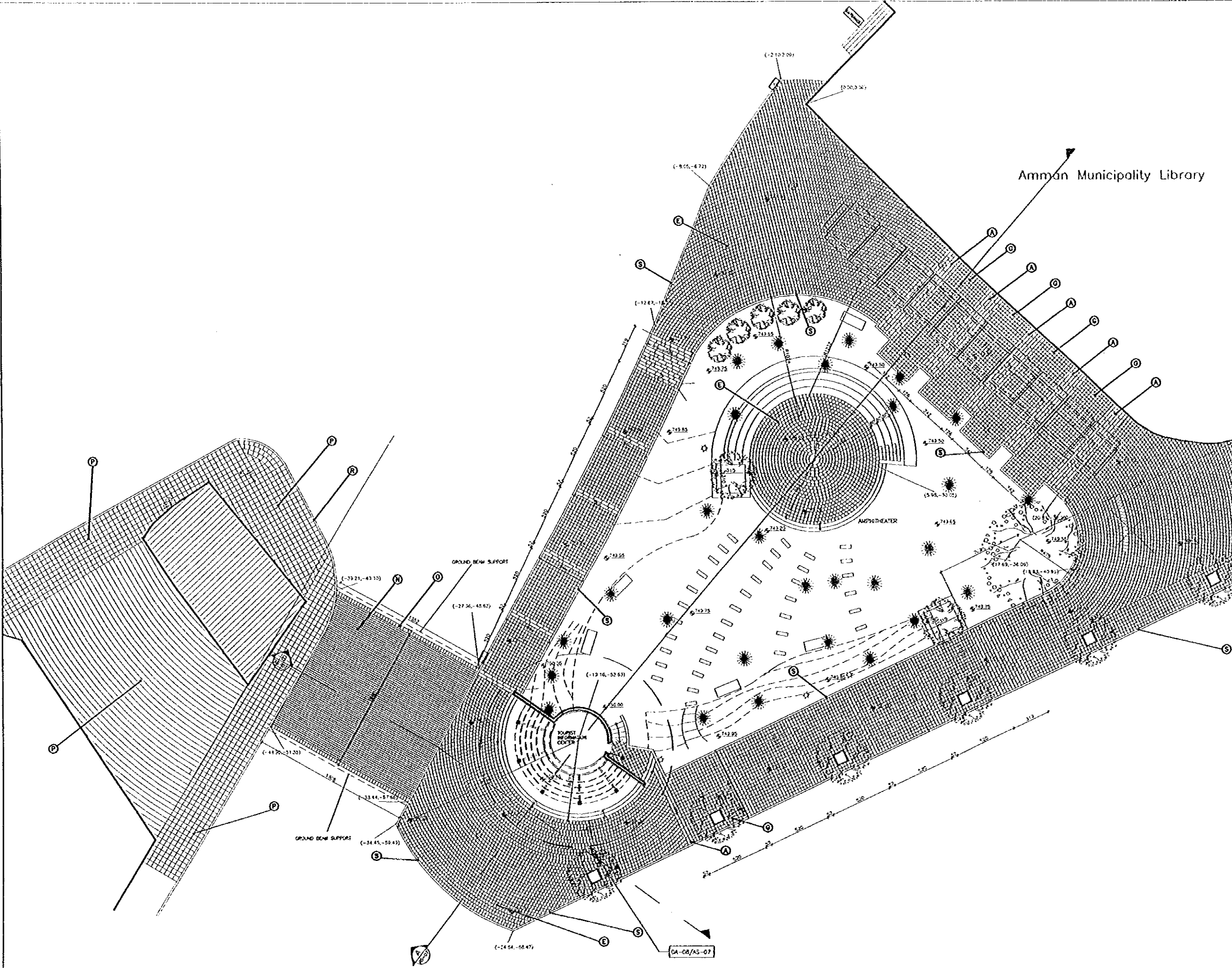
TOURIST STREET (TALAL)

Drawing Title:
SITE PLAN - ZONE 4

Scale:
1:500
1:1000
Drawing No:
AD.AS-05



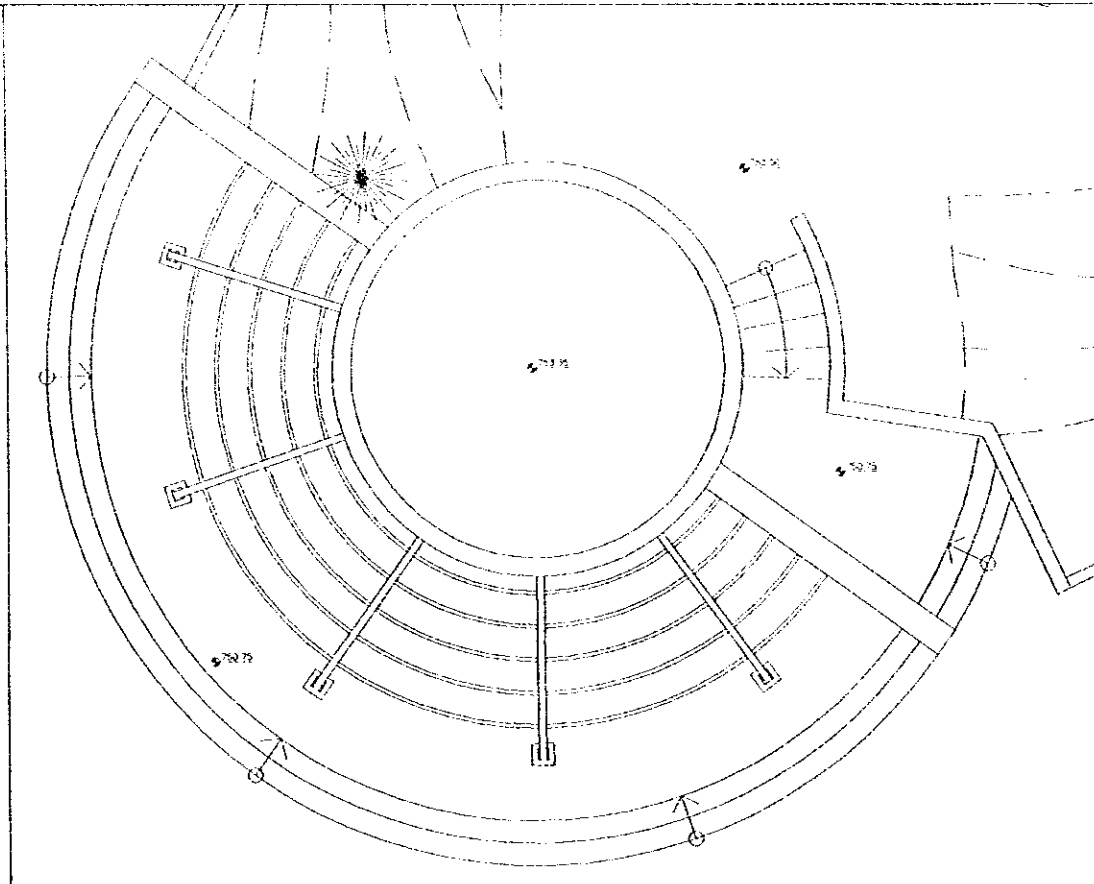
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 - FOR TREE/FLOWER BED DETAILS REFER TO D-C4,D-05,AD,AD-01
 - FOR SIGN TYPES REFER TO D-19,D-20,D-21, D-27,AD,AD-05
 - FOR MASHOUE DETAILS REFER TO D-15,SD,AD-01,AD-23,AD,AD-05
 - FOR BOLLARDS DETAILS REFER TO D-24,AD,AD-06
 - FOR LITER BIN DETAILS REFER TO D-25,AD,AD-06
 - FOR TYPICAL CLOCK DETAIL REFER TO D-26,AD,AD-06
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 - FOR WET STONE CLADDING DETAILS REFER TO D-33,AD,AD-08



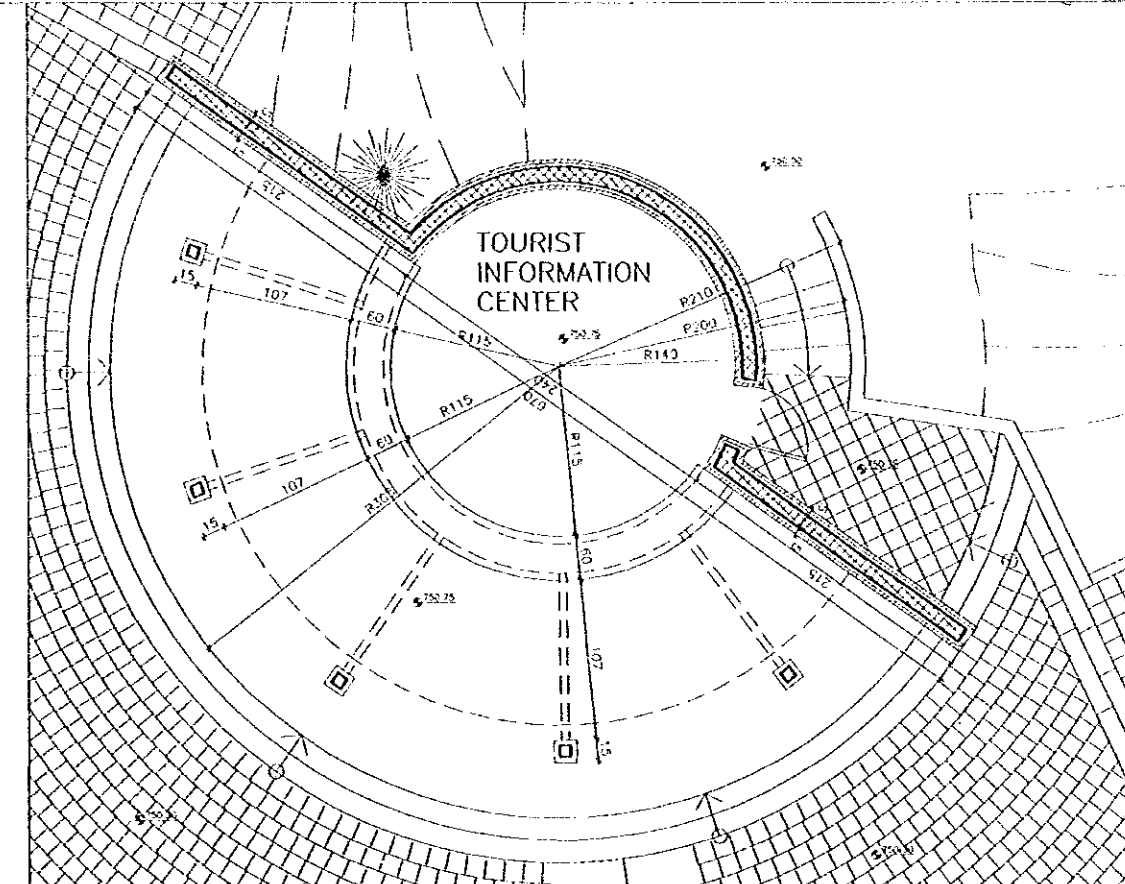
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DATE	JUNE-10 / 2000
TOURIST STREET (TALAL)	
Drawing title: OLD MUNICIPALITY PLAZA plan	
Scale:	Drawing No.:
1:150	AD.AS-06

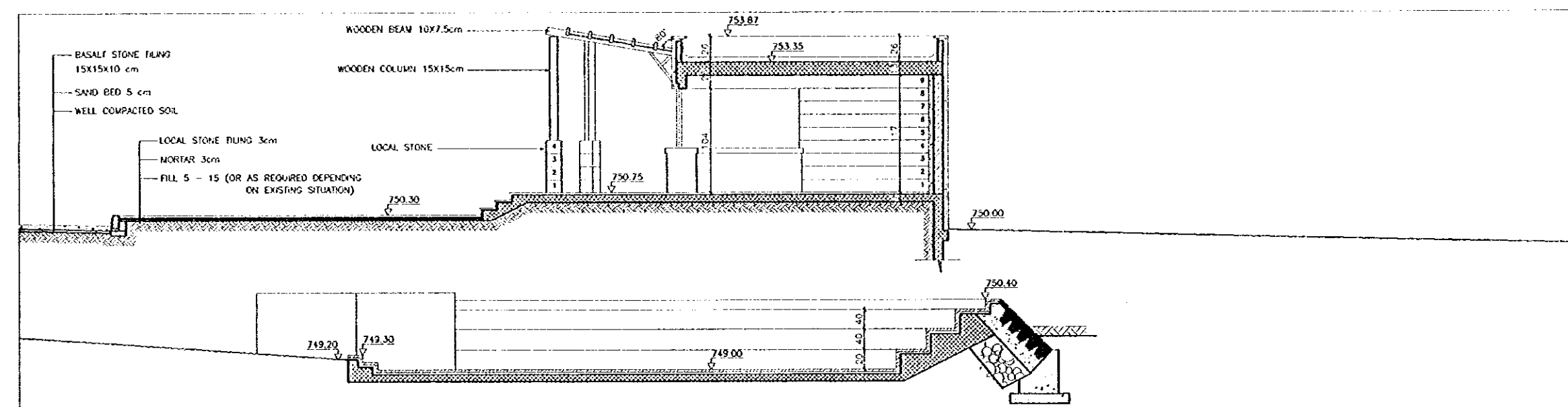
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• FOR TREE/FLOWER BED DETAILS REFER TO D-04, D-05, AD-01
• FOR SIGN TYPES REFER TO D-19, D-20, D-21, D-22, AD-05
• FOR MANHOLE DETAILS REFER TO D-15, D-20, AD-04 & D-23, AD-06
• FOR BOLLARDS DETAILS REFER TO D-24, AD-06
• FOR LITTER BIN DETAILS REFER TO D-25, AD-06
• FOR TYPICAL CLOCK DETAIL REFER TO D-26, AD-06
• FOR BENCH DETAILS REFER TO D-27, AD-07
• FOR WET STONE CLADDING DETAILS REFER TO D-33, AD-06



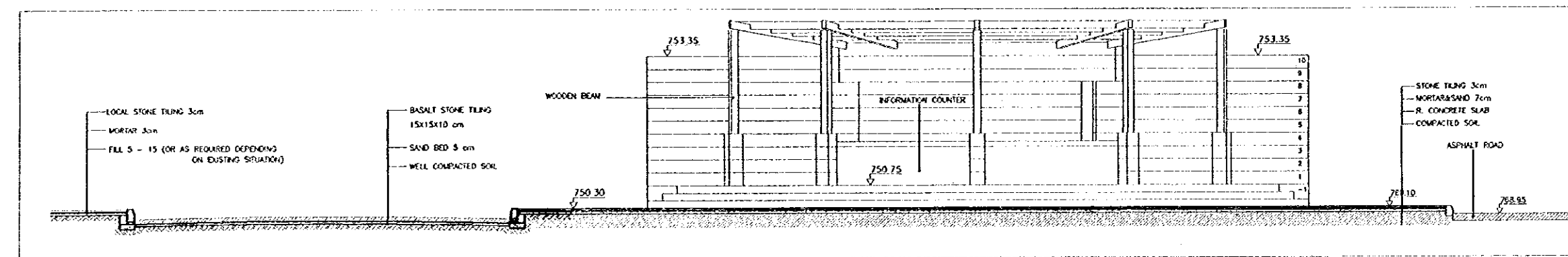
ROOF PLAN scale 1-50



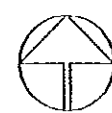
GROUND FLOOR PLAN scale 1-50



SECTION A-A scale 1-50



SECTION B-B scale 1-50



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DATE: JUNE-10/2000

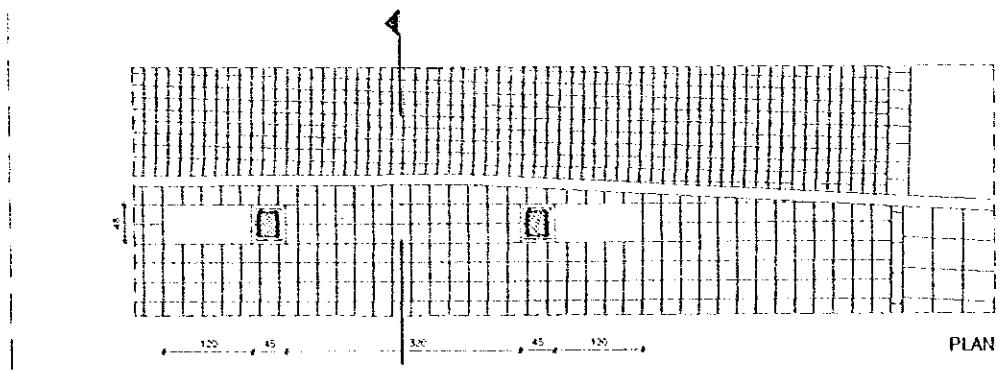
TOURIST STREET (TALAL)

Drawing Title:
OLD MUNICIPALITY PLAZA PLANS & SECTIONS

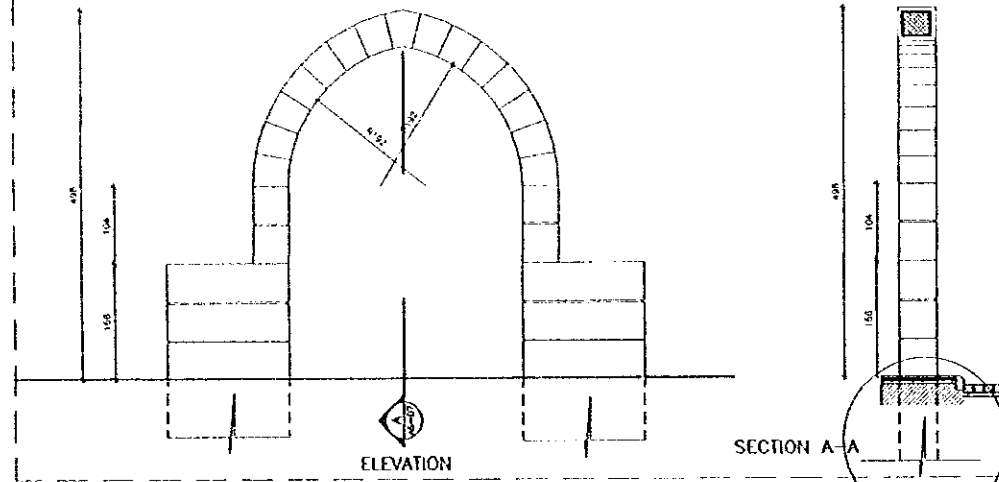
Scale: 1:50
Drawing No: AD.AS-07

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 - FOR TREE FLOWER BED DETAILS REFER TO D-04.D-05,AD-01
 - FOR SIGN TYPES REFER TO D-19.D-20.D-21, D-22,AD-05
 - FOR MANHOLE DETAILS REFER TO D-15,SD-04 & D-23,AD-06
 - FOR BOLLARDS DETAILS REFER TO D-24,AD-06
 - FOR LITTER BIN DETAILS REFER TO D-25,AD-06
 - FOR TYPICAL CLOCK DETAIL REFER TO D-26,AD-07
 - FOR BENCH DETAILS REFER TO D-27,AD-07
 - FOR WET STONE CLADDING DETAILS REFER TO D-33,AD-08



PLAN

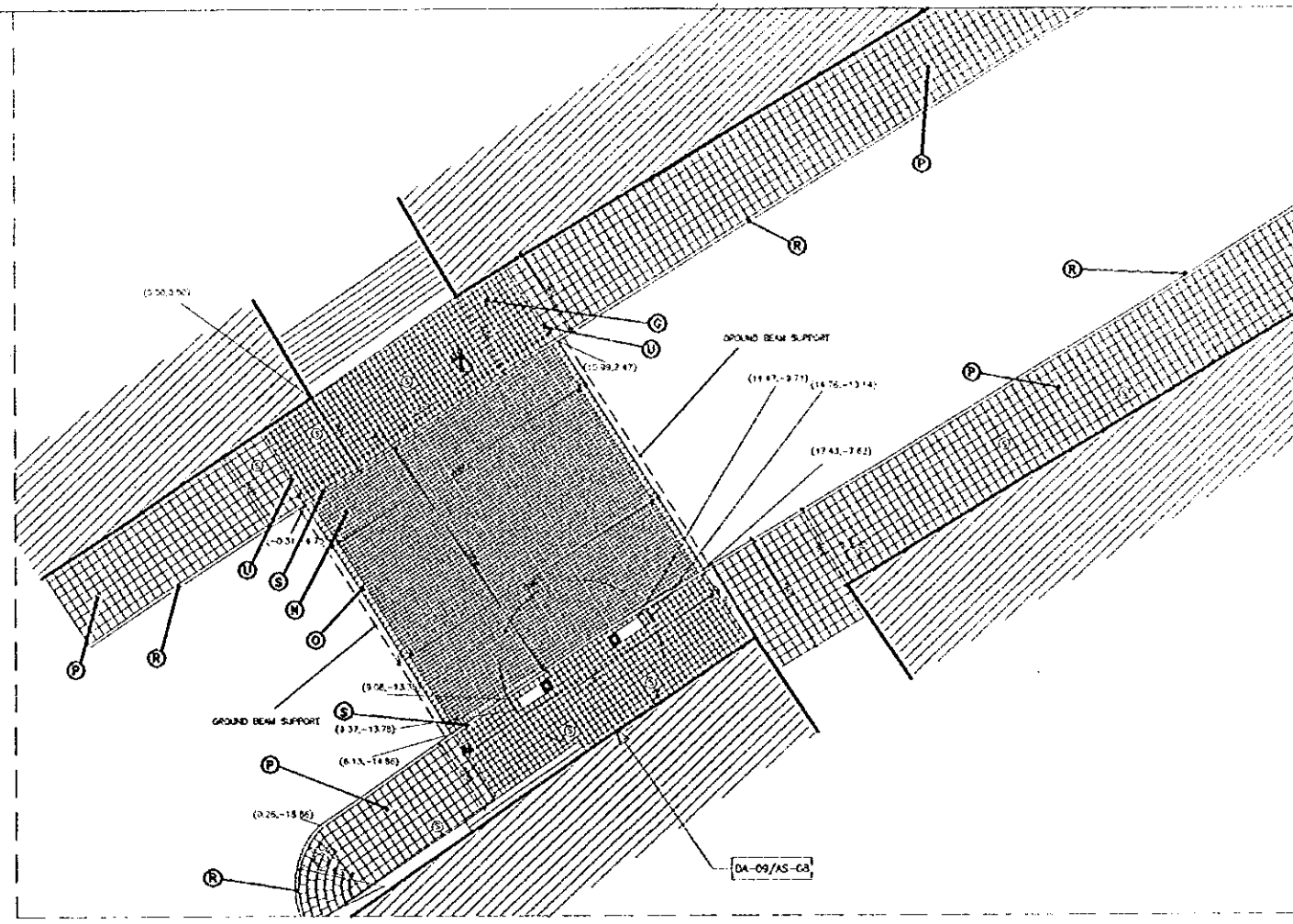


ELEVATION

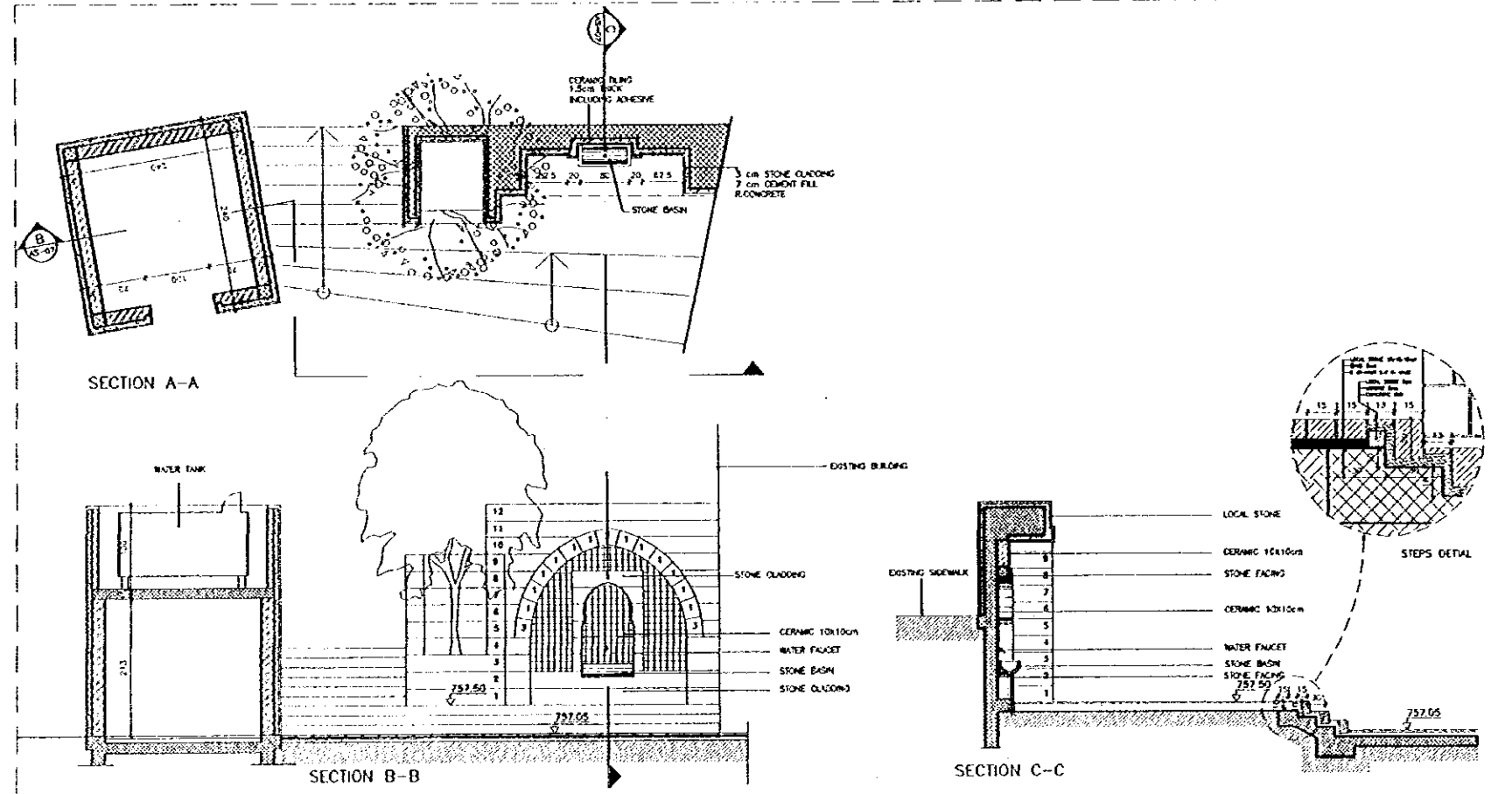
SECTION A-A

DA-09 scale 1-50

FOR FOUNDATION DETAIL REFER TO AD-ST-03



DA-02 scale 1-150



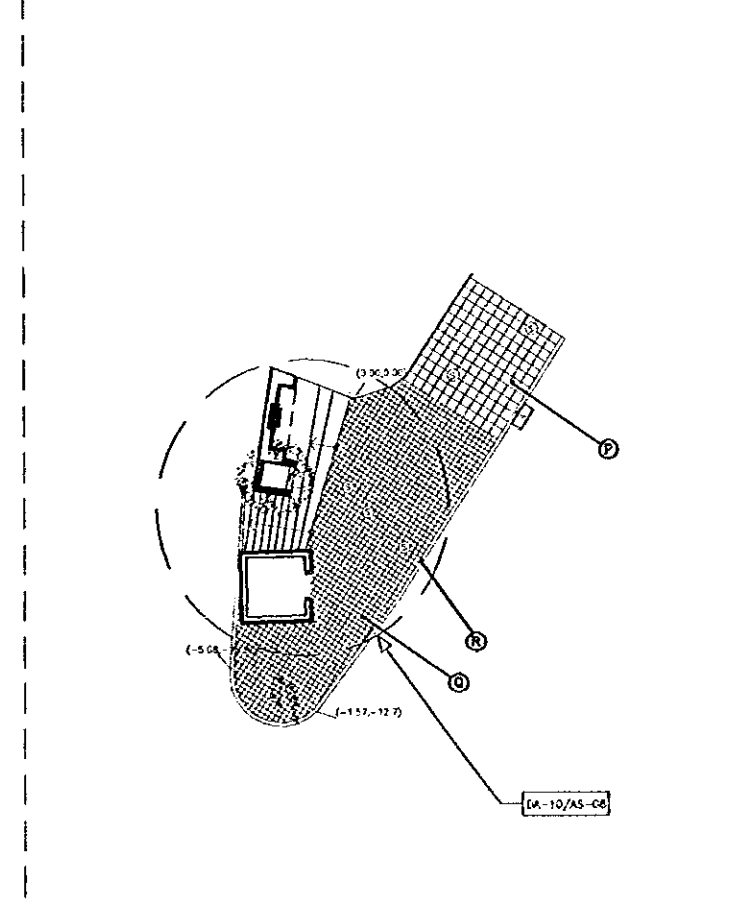
SECTION A-A

SECTION B-B

SECTION C-C

STEPS DETAIL

DA-10 scale 1-50



DA-04 scale 1-150

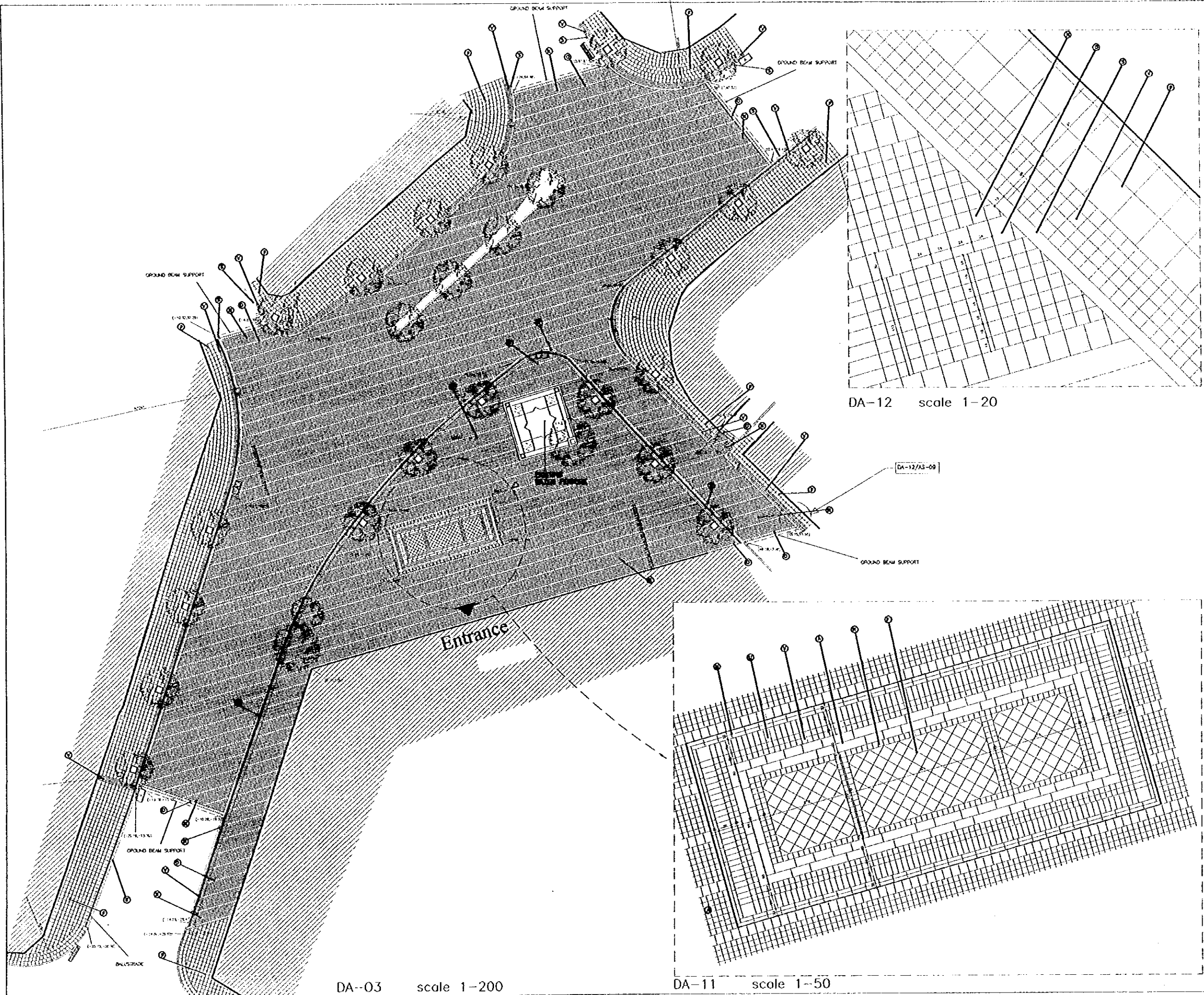
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DATE JUNE-10/2000

TOURIST STREET (TALAL)

Drawing Title:
ENLARGEMENTS - I

Scale:
1:150
1:50
Drawing No:
AD-AS-08



DA-03 scale 1-200

DA-12 scale 1-20

DA-11 scale 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 Down Town Tourist Zone

No. 0:

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- FOR TYPICAL STONE RISER DETAILS REFER TO D-01/D-02/D-03/AD-01
- FOR TREES/FLOWER BED DETAILS REFER TO D-04/D-05/AD-01
- FOR SIGN TYPES REFER TO D-19/D-20/D-21, D-22/AD-05
- FOR MANHOLE DETAILS REFER TO D-15/SD-04 & D-23/AD-06
- FOR BOLLARDS DETAILS REFER TO D-24/AD-06
- FOR LITTER BIN DETAILS REFER TO D-25/AD-06
- FOR TYPICAL CLOCK DETAIL REFER TO D-26/AD-07
- FOR BENCH DETAILS REFER TO D-27/AD-07
- FOR WET STONE CLADDING DETAILS REFER TO D-33/AD-08

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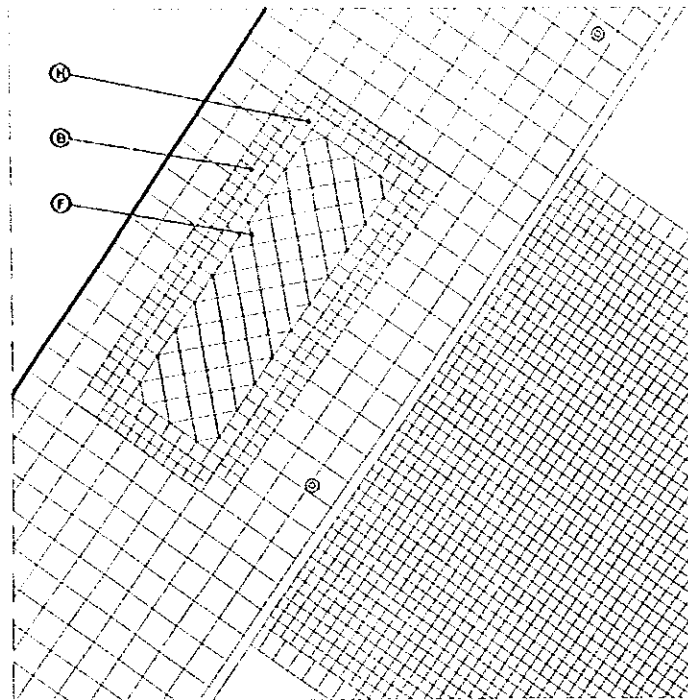
TOURIST STREET (TALAL)

Drawing Title:
HUSSIENI MOSQUE PLAZA
plan

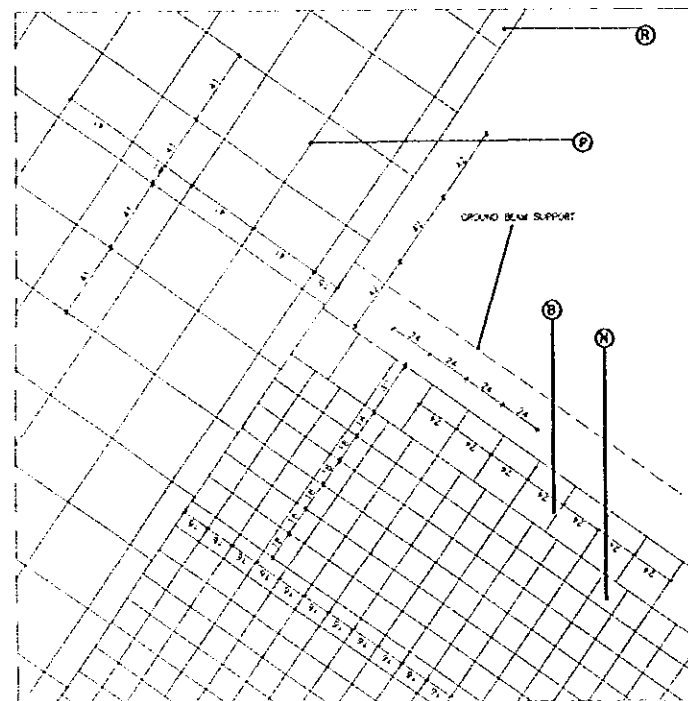
Scale:
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1:50
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Drawing No.:
AD.AS-09

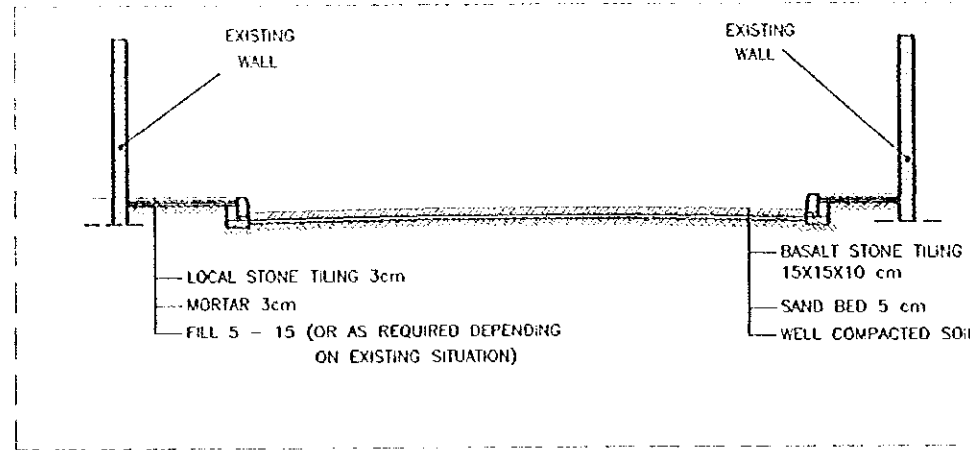
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• FOR TYPICAL STONE PISER DETAILS REFER TO D-01.D-02.D-03/AD-01
• FOR TREE/FLOWER BED DETAILS REFER TO D-04.D-05/AD-01
• FOR SIGN TYPES REFER TO D-19.D-20.D-21.D-22/AD-05
• FOR MANHOLE DETAILS REFER TO D-15/SD-AD-04 AD-23/AD-06
• FOR BOLLARDS DETAILS REFER TO D-24/AD-06
• FOR LITTER BIN DETAILS REFER TO D-25/AD-06
• FOR TYPICAL CLOCK DETAIL REFER TO D-26/AD-06
• FOR BENCH DETAILS REFER TO D-27/AD-07
• FOR WET STONE CLADDING DETAILS REFER TO D-33/AD-08



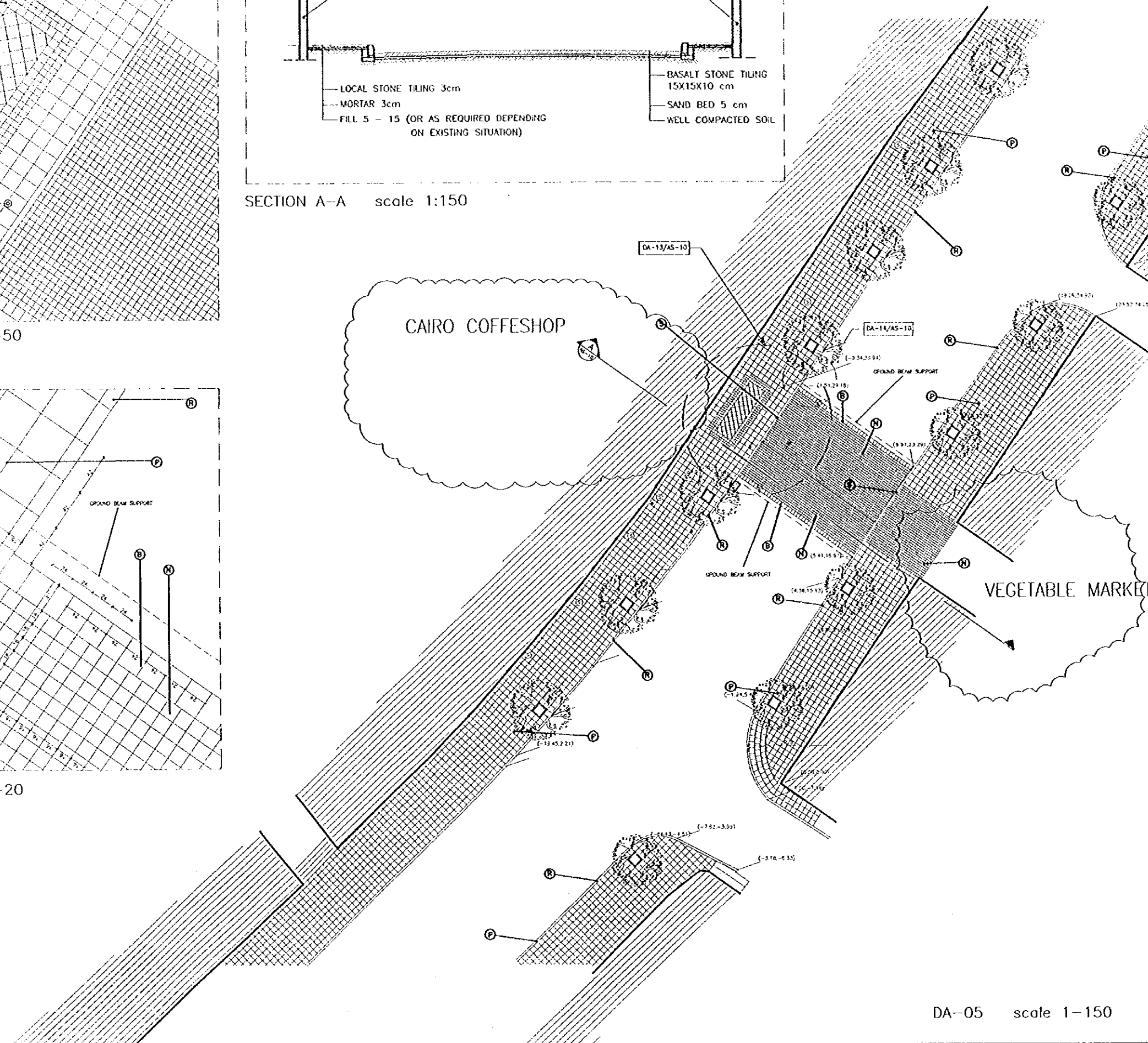
DA-13 scale 1-50



DA-14 scale 1-20



SECTION A-A scale 1:150



DA-05 scale 1-150

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TOURIST STREET (TALAL)

Drawing Title:
ENLARGEMENTS - 2

Scale: 1:150, 1:50, 1:20
Drawing No: AD.AS-10

Sub-Project:

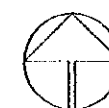
Amman Down Town Tourist Zone

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- FOR TREE/FLOWER BED DETAILS REFER TO D-04.D-05.D-AD-01
- FOR SIGN TYPES REFER TO D-19.D-20.D-21. D-22.D-AD-05
- FOR MANHOLE DETAILS REFER TO D-15.D-AD-04 & D-23.D-AD-06
- FOR BOLLARDS DETAILS REFER TO D-24.D-AD-06
- FOR LITTER BIN DETAILS REFER TO D-25.D-AD-06
- FOR TYPICAL CLOCK DETAIL REFER TO D-26.D-AD-06
- FOR BENCH DETAILS REFER TO D-27.D-AD-07
- FOR WET STONE CLADDING DETAILS REFER TO D-33.D-AD-08



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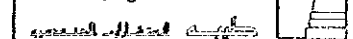
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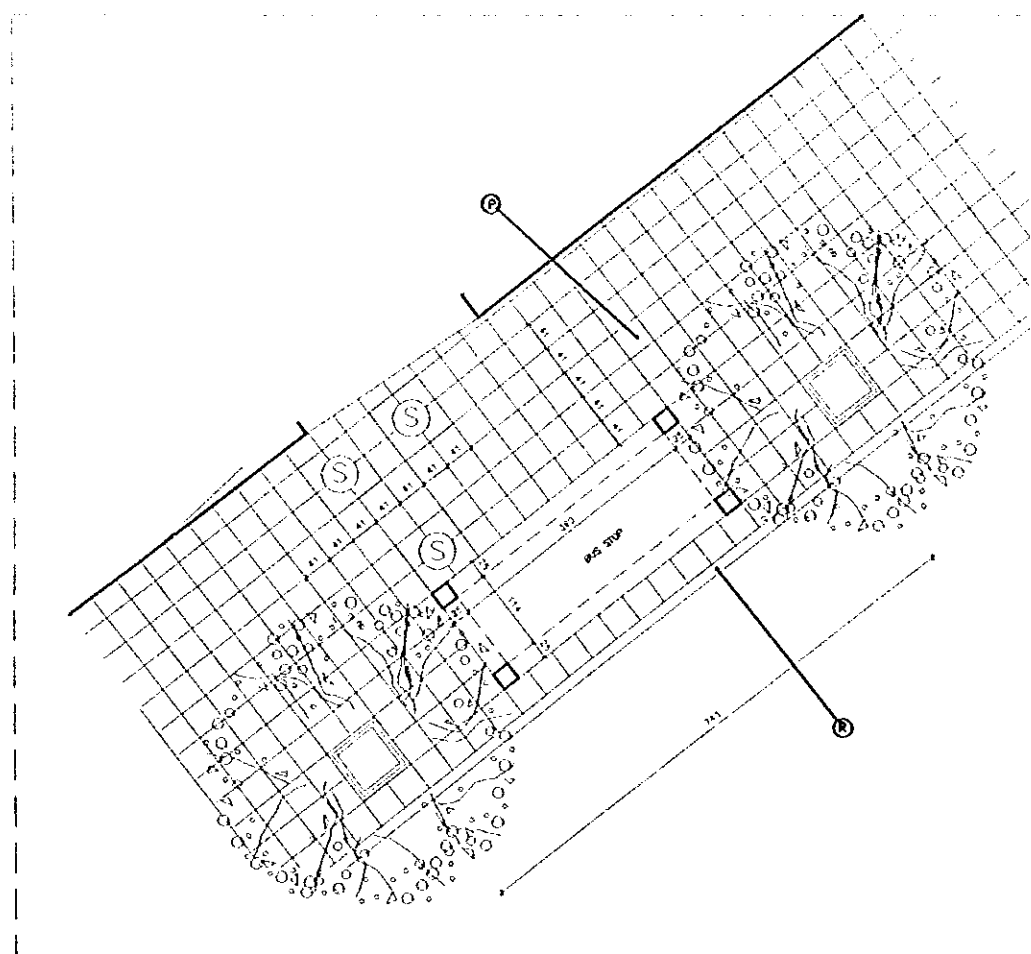
TOURIST STREET (TALAL)

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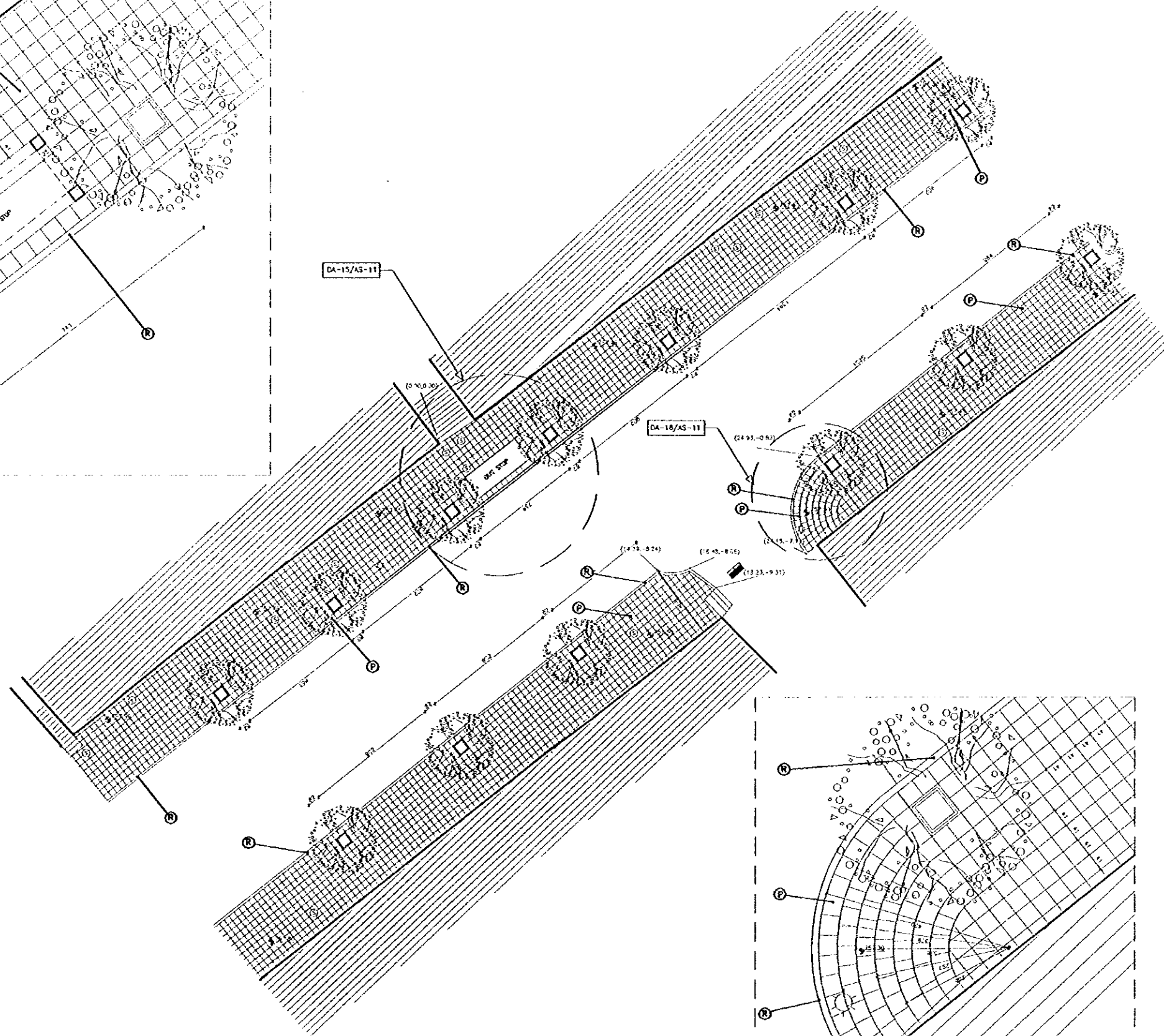
ENLARGEMENTS - 3

Scale:
1:150
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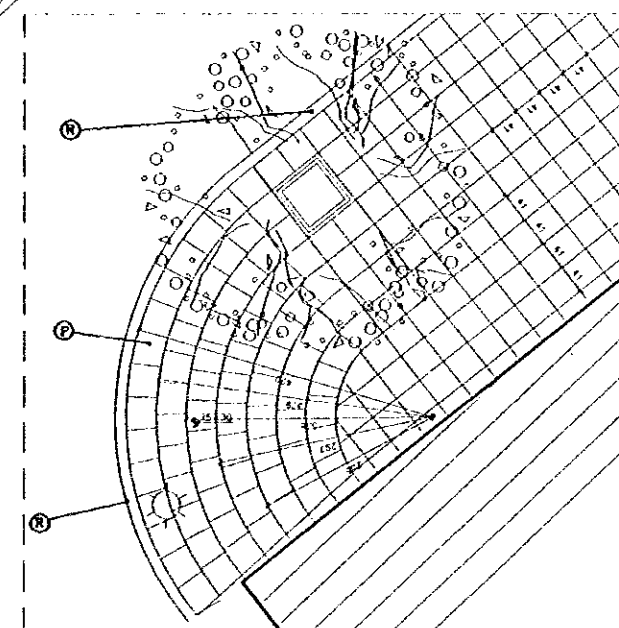
Drawing No.:
AD.AS-11



DA-15 scale 1-50



DA-06 scale 1-150



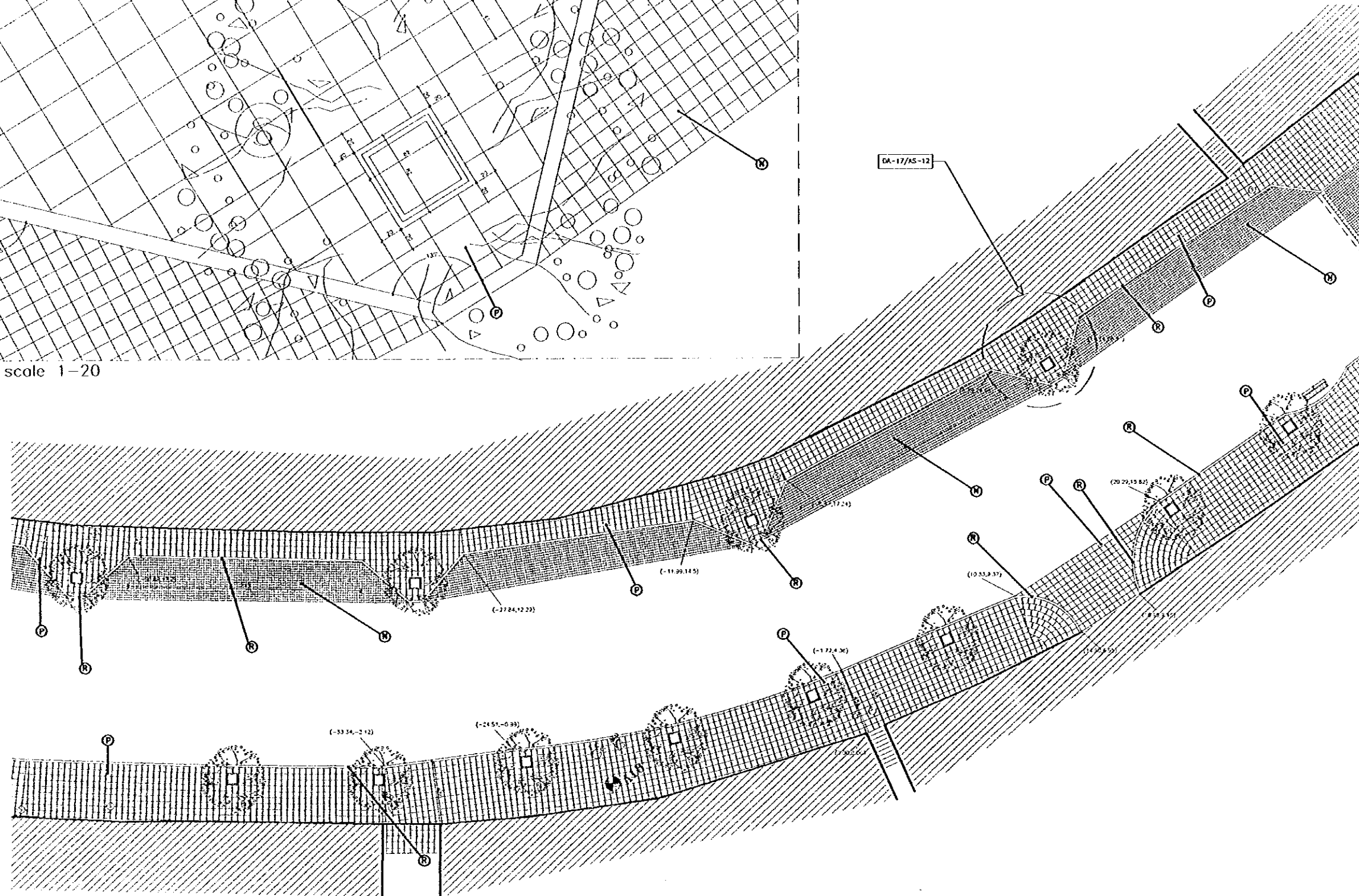
DA-16 scale 1-50

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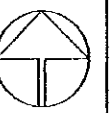
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- D-15, D-16,AD,AD-04
- FOR TYPICAL STONE RISER DETAILS REFER TO D-01, D-02, D-03,AD,AD-01
- FOR TREE/FLOWER BED DETAILS REFER TO D-04, D-05,AD,AD-01
- FOR SIGN TYPES REFER TO D-19, D-20, D-21, D-22,AD,AD-05
- FOR MANHOLE DETAILS REFER TO D-15, D-16,AD,AD-04
- D-23,AD,AD-06
- FOR BOLLARDS DETAILS REFER TO D-24,AD,AD-06
- FOR LITTER BIN DETAILS REFER TO D-25,AD,AD-06
- FOR TYPICAL CLOCK DETAIL REFER TO D-26,AD,AD-06
- FOR BENCH DETAILS REFER TO D-27,AD,AD-07
- FOR WET STONE CLADDING DETAILS REFER TO D-33,AD,AD-08



DA-17 scale 1-20



DA-07 scale 1-150



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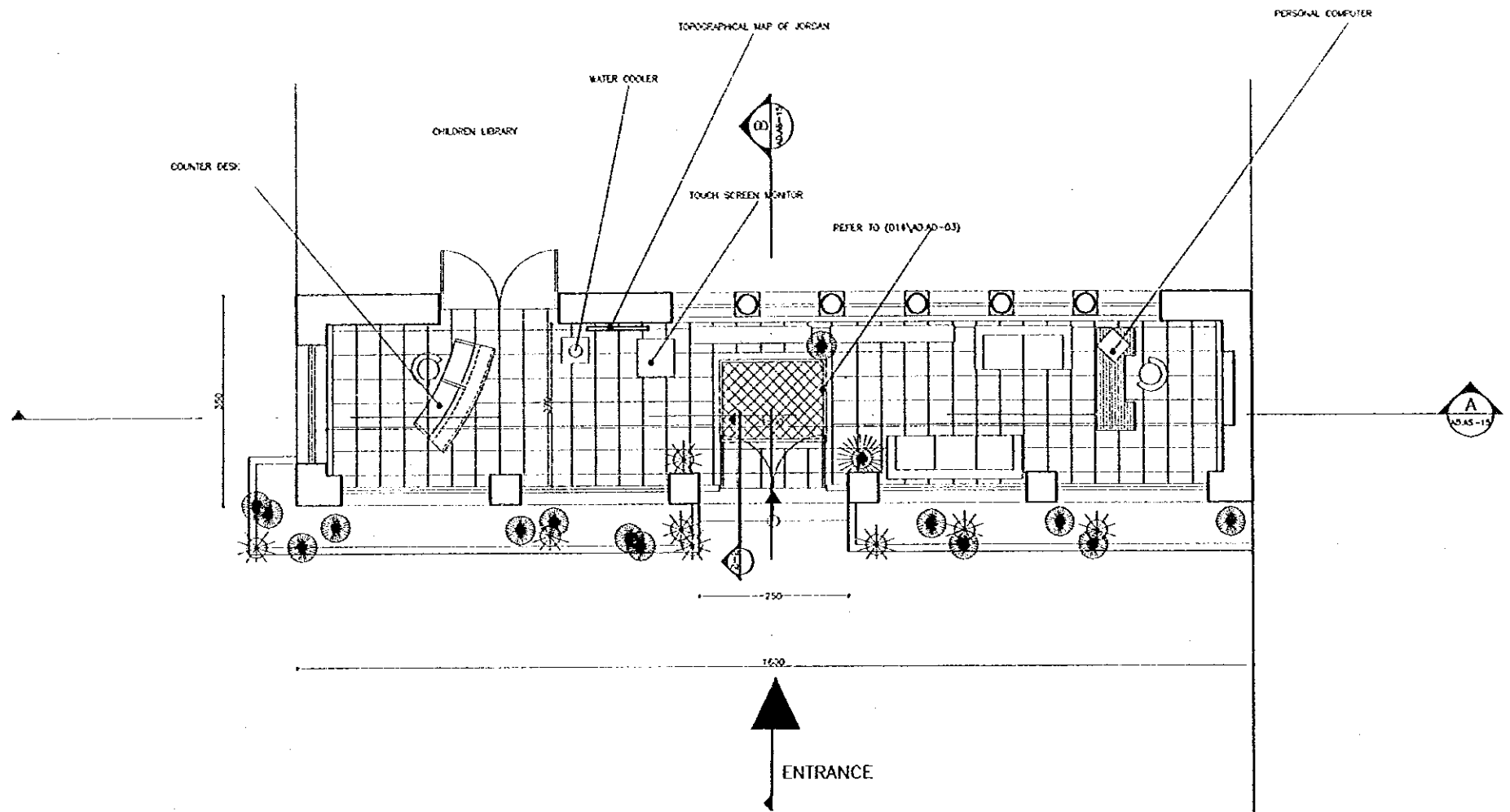
TOURIST STREET (TALAL)

Drawing Title:
ENLARGEMENTS - 4

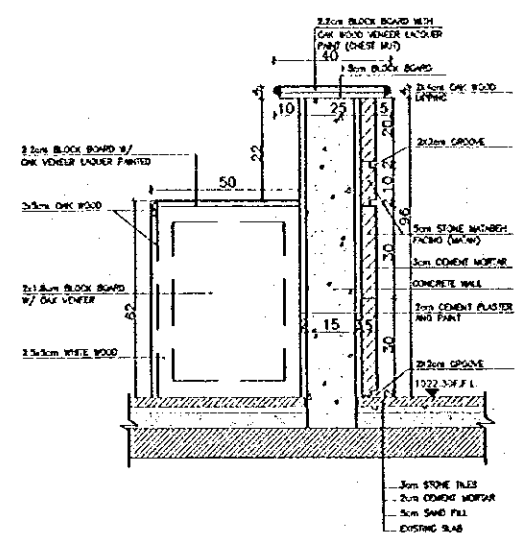
Scale:
1:150
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Drawing No.:
AD,AS-12

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 - FOR TREE/FLOWER BED DETAILS REFER TO D-04/D-05/D-AD-01
 - FOR SIGN TYPES REFER TO D-19/D-20/D-21, D-22/D-AD-05
 - FOR MANHOLE DETAILS REFER TO D-15/D-AD-04 & D-23/D-AD-06
 - FOR BOLLARDS DETAILS REFER TO D-24/D-AD-06
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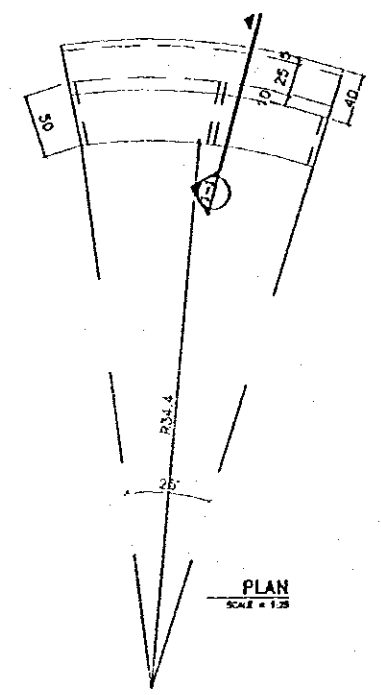


GROUND FLOOR

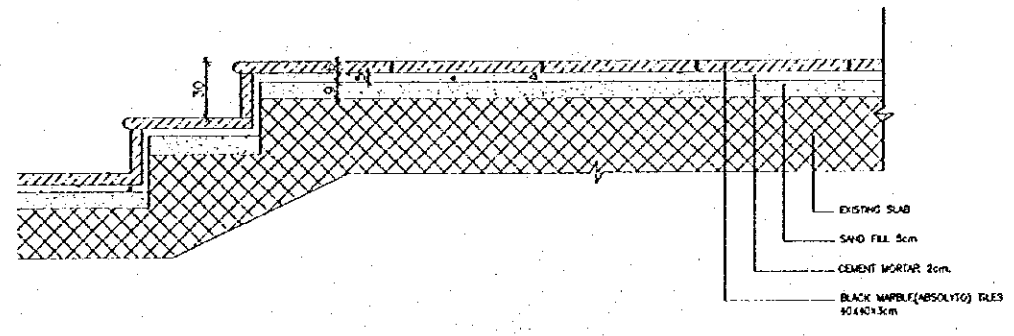


SECTION (1-1)
SCALE = AS SHOWN

1 COUNTER DETAIL
SCALE = AS SHOWN



PLAN
SCALE = 1/25



2 FLOOR DETAIL
SCALE = 1/20

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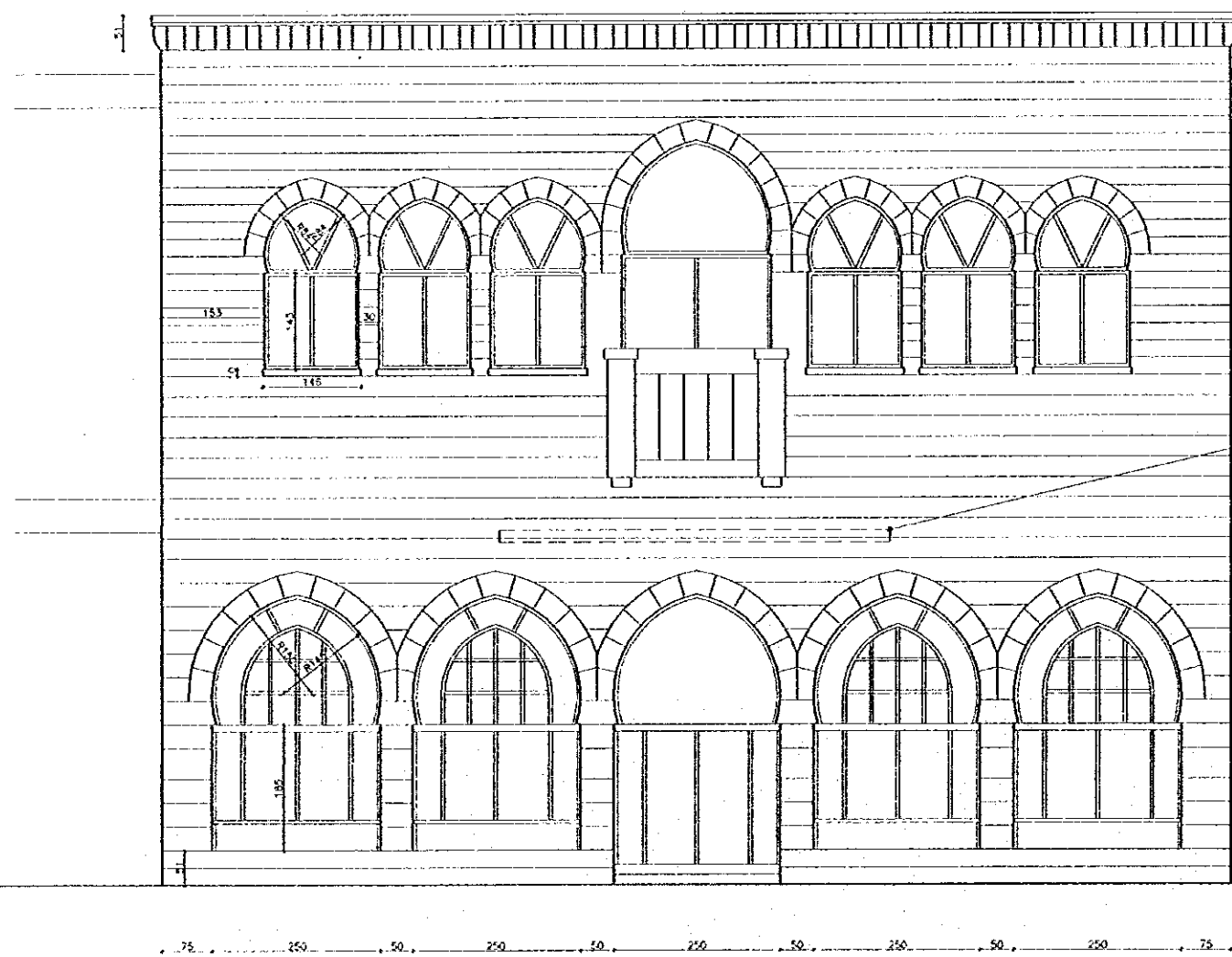
DATE: JUNE-10/2000

TOURIST STREET (TALAL)

Drawing Title:
VISITOR'S CENTER
PLAN & DETAIL

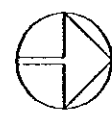
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Drawing No.: AD.AS-13

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 - FOR TRILING DETAILS REFER TO D-13.D-14,AD-03 & D-15.D-16,AD-04
 - FOR TYPICAL STONE RISER DETAILS REFER TO D-01.D-02,D-03,AD-01
 - FOR TREE, FLOWER BED DETAILS REFER TO D-04.D-05,AD-01
 - FOR SIGN TYPES REFER TO D-19.D-20,D-21, D-22,AD-05
 - FOR MANHOLE DETAILS REFER TO D-15,SD-AD-04 & D-23,AD-06
 - FOR BOLLARDS DETAILS REFER TO D-24,AD-06
 - FOR LITTER BIN DETAILS REFER TO D-25,AD-06
 - FOR TYPICAL CLOCK DETAIL REFER TO D-26,AD-06
 - FOR BENCH DETAILS REFER TO D-27,AD-07
 - FOR WET STONE CLADDING DETAILS REFER TO D-33,AD-08



WOODEN CANOPY HAS TO BE REMOVED

PROPOSED FRONT ELEVATION
1/50



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DATE: JUNE-10 / 2000

TOURIST STREET (TALAL)
Drawing Title:
**VISITOR'S CENTER
FRONT ELEVATION**

Scale: 1/50
Drawing No.: AD.AS-14

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 - FOR TYPICAL STONE RISER DETAILS REFER TO D-01, D-02, D-03, AD-01
 - FOR TREE FLOATER BED DETAILS REFER TO D-04, D-05, AD-01
 - FOR SIGN TYPES REFER TO D-19, D-20, D-21, D-22, AD-05
 - FOR MANHOLE DETAILS REFER TO D-15, D-20, AD-04 & D-23, AD-06
 - FOR BOLLARDS DETAILS REFER TO D-24, AD-06
 - FOR LITTER BIN DETAILS REFER TO D-25, AD-06
 - FOR TYPICAL CLOCK DETAIL REFER TO D-26, AD-06
 - FOR BRICK DETAILS REFER TO D-27, AD-07
 - FOR WET STONE CLADDING DETAILS REFER TO D-33, AD-08

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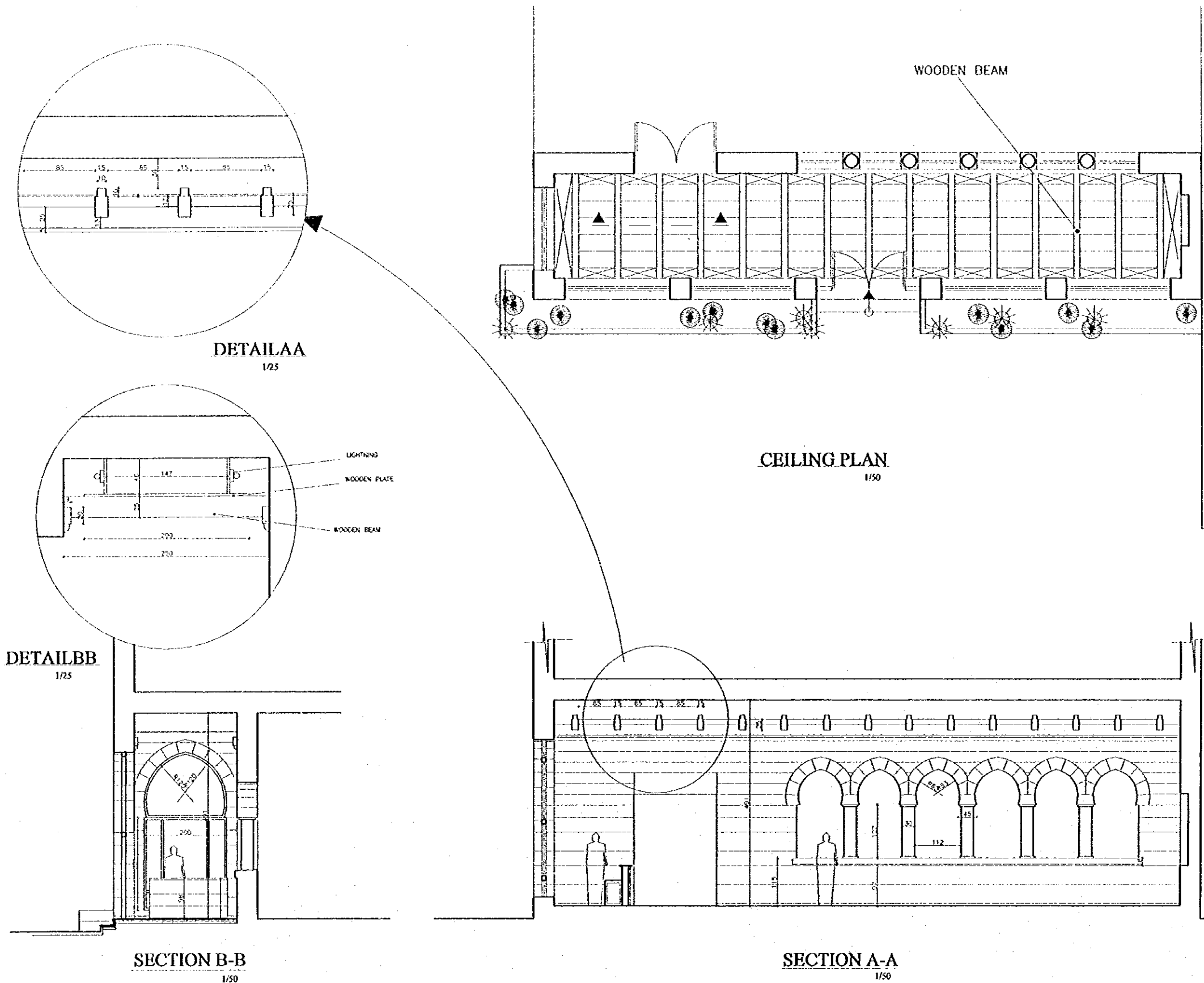
المشرف العام للمشروع: المهندس محمد عبد الوهاب العبدالله

DATE | JUNE-10 / 2000

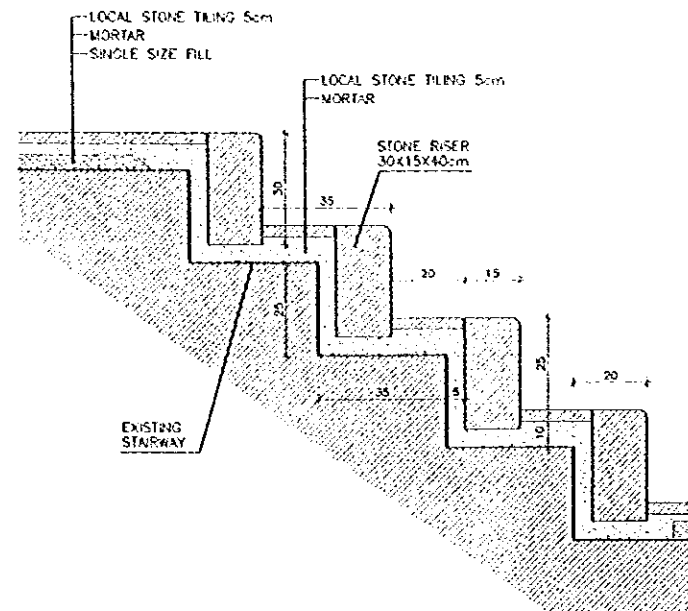
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Drawing Title:
VISITOR'S CENTER
SECTIONS & FALSE CEILING

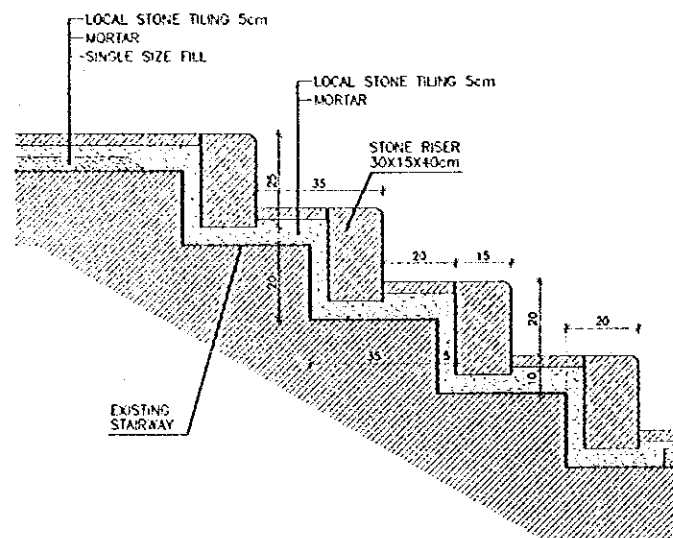
Scale: 1/50 | Drawing No: AD.AS-15



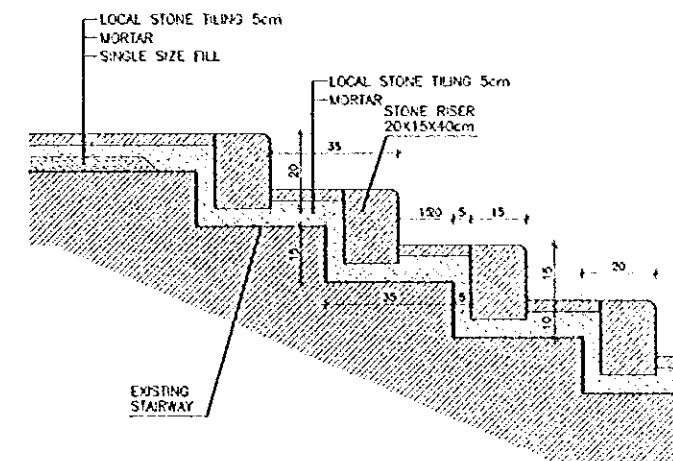
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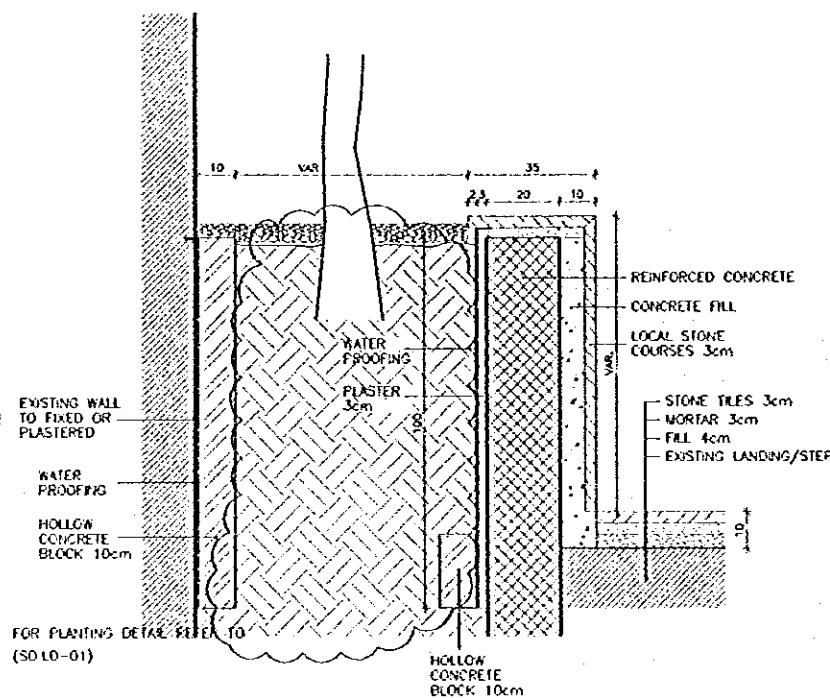
D-01 TYPICAL STONE RISER DETAIL-1
30x15x40cm SCALE 1:10



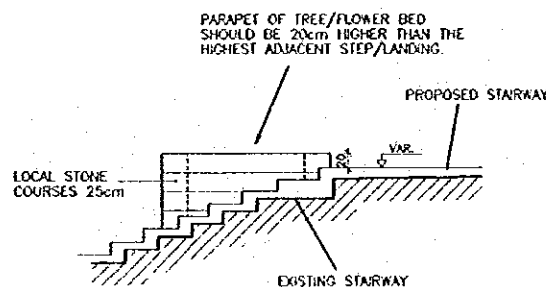
D-02 TYPICAL STONE RISER DETAIL-2
25x15x40cm SCALE 1:10



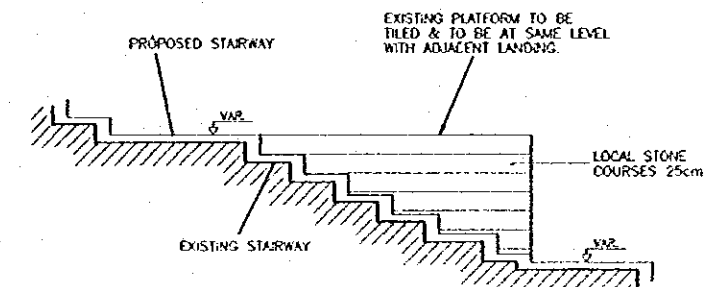
D-03 TYPICAL STONE RISER DETAIL-3
20x15x40cm SCALE 1:10



D-04 TREE/FLOWER BED DETAIL-1
SCALE 1:10



D-05 TREE/FLOWER BED DETAIL-2
SCALE 1:50



D-06 EXISTING PLATFORM
SCALE 1:50

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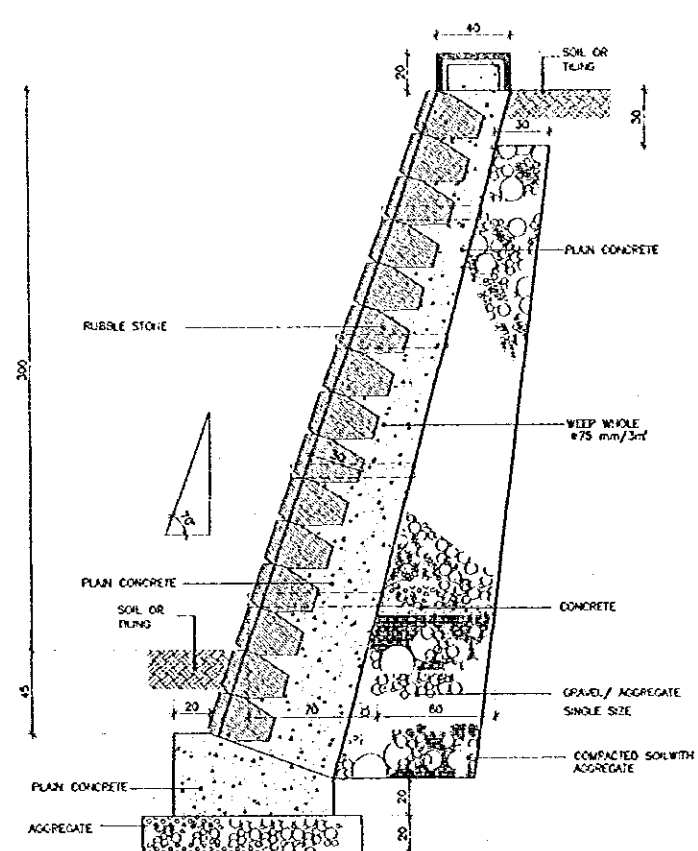
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Tourist Trails

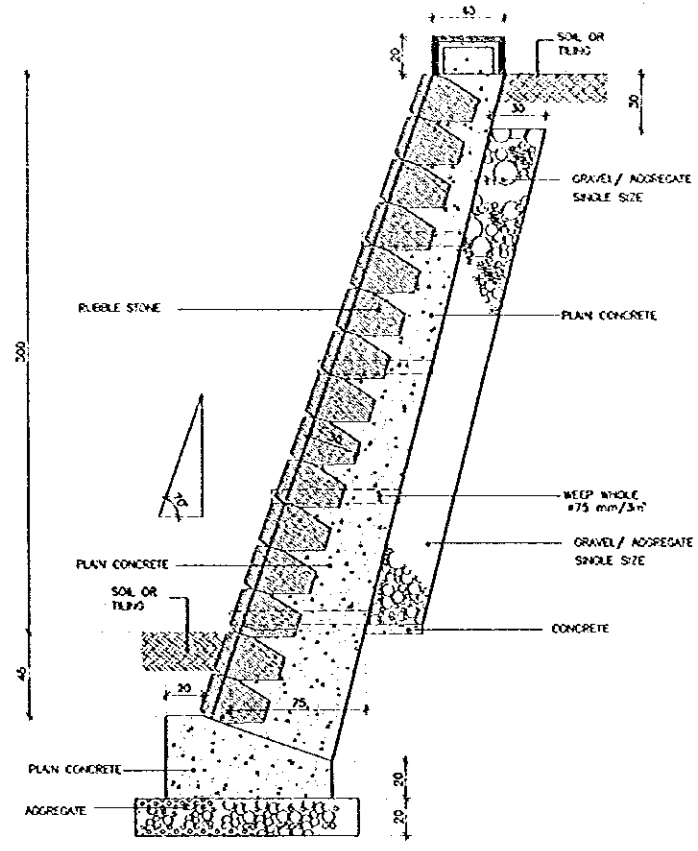
Drawing Title:
DETAILS-1

Scale: VAR. Drawing No: AD.AD-01

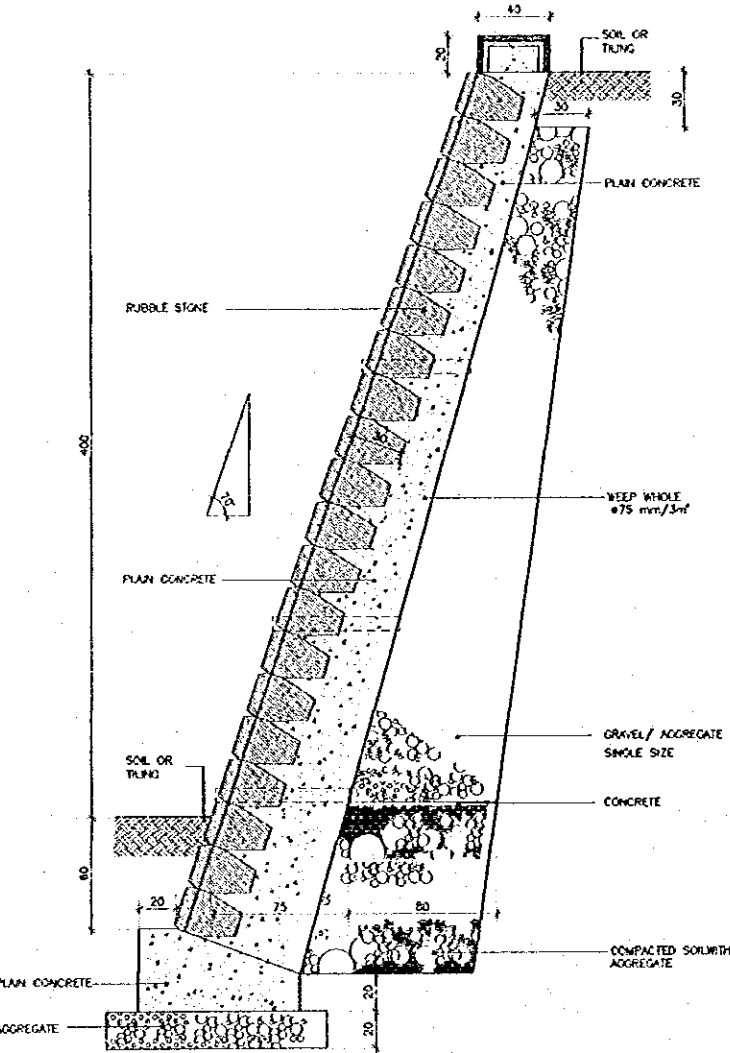
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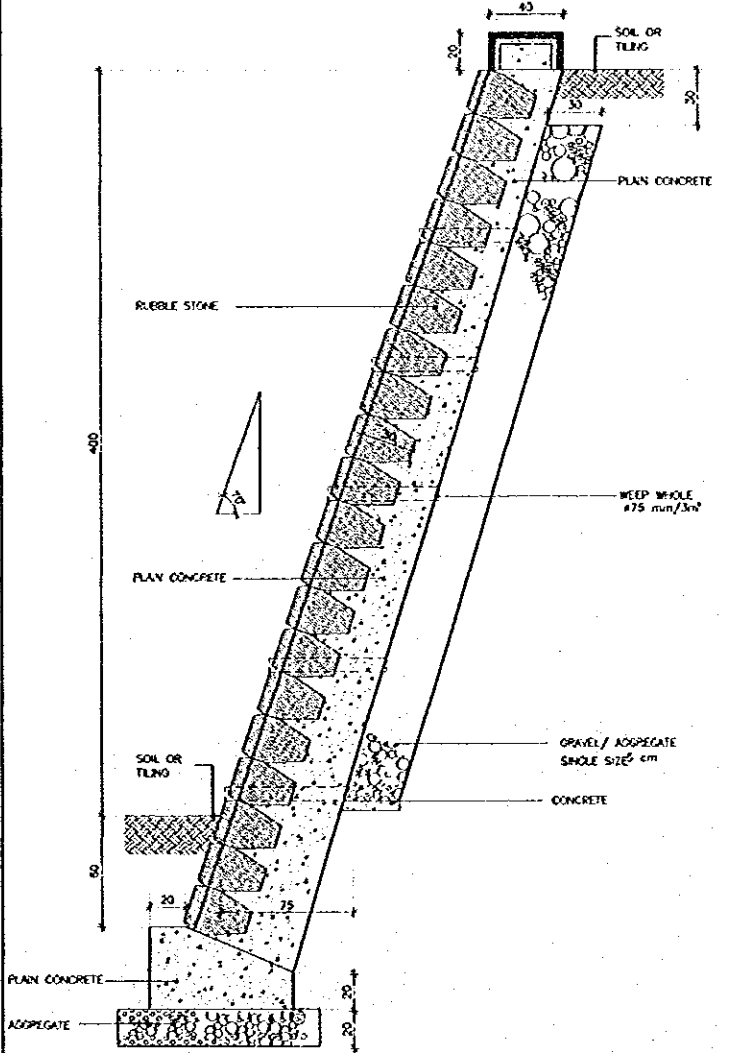
D-07 STONE RETAINING WALL
3m - FILL SCALE 1:10



D-08 STONE RETAINING WALL
3m - CUT SCALE 1:10



D-09 STONE RETAINING WALL
4m - FILL SCALE 1:10



D-10 STONE RETAINING WALL
4m - CUT SCALE 1:10

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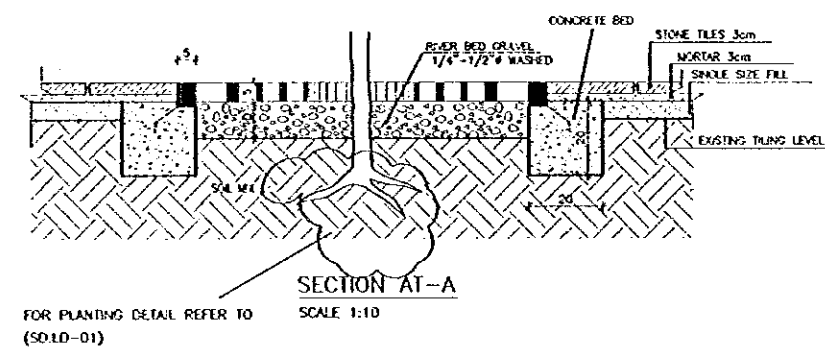
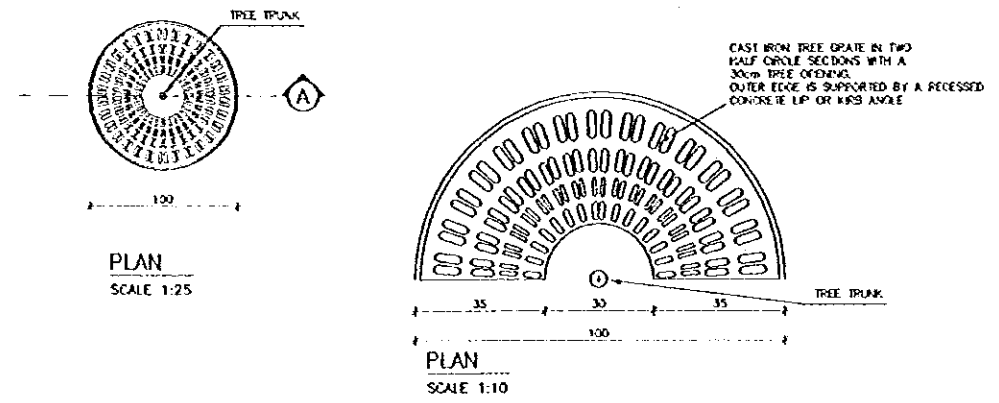
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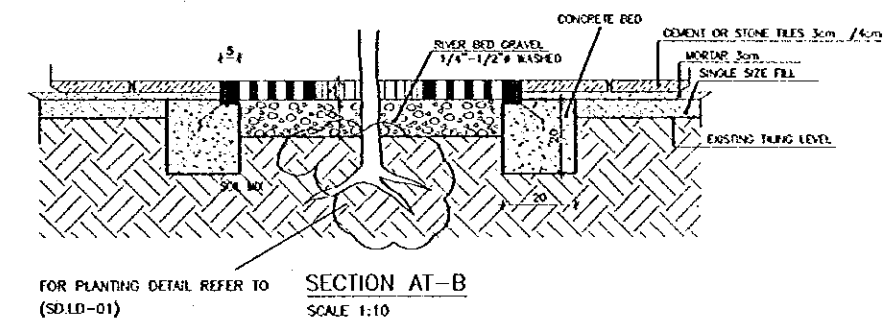
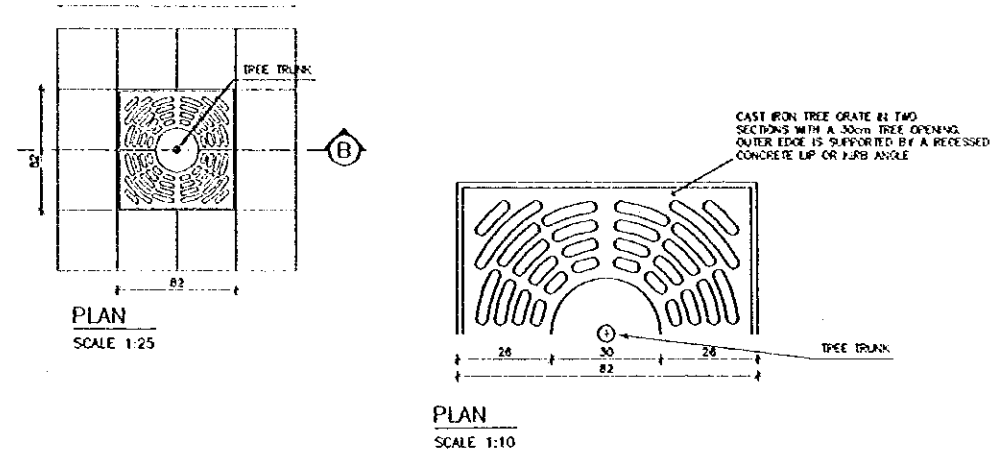
Drawing title:
DBTALS-2

Scale: VAR
Drawing No: AD.AD-02

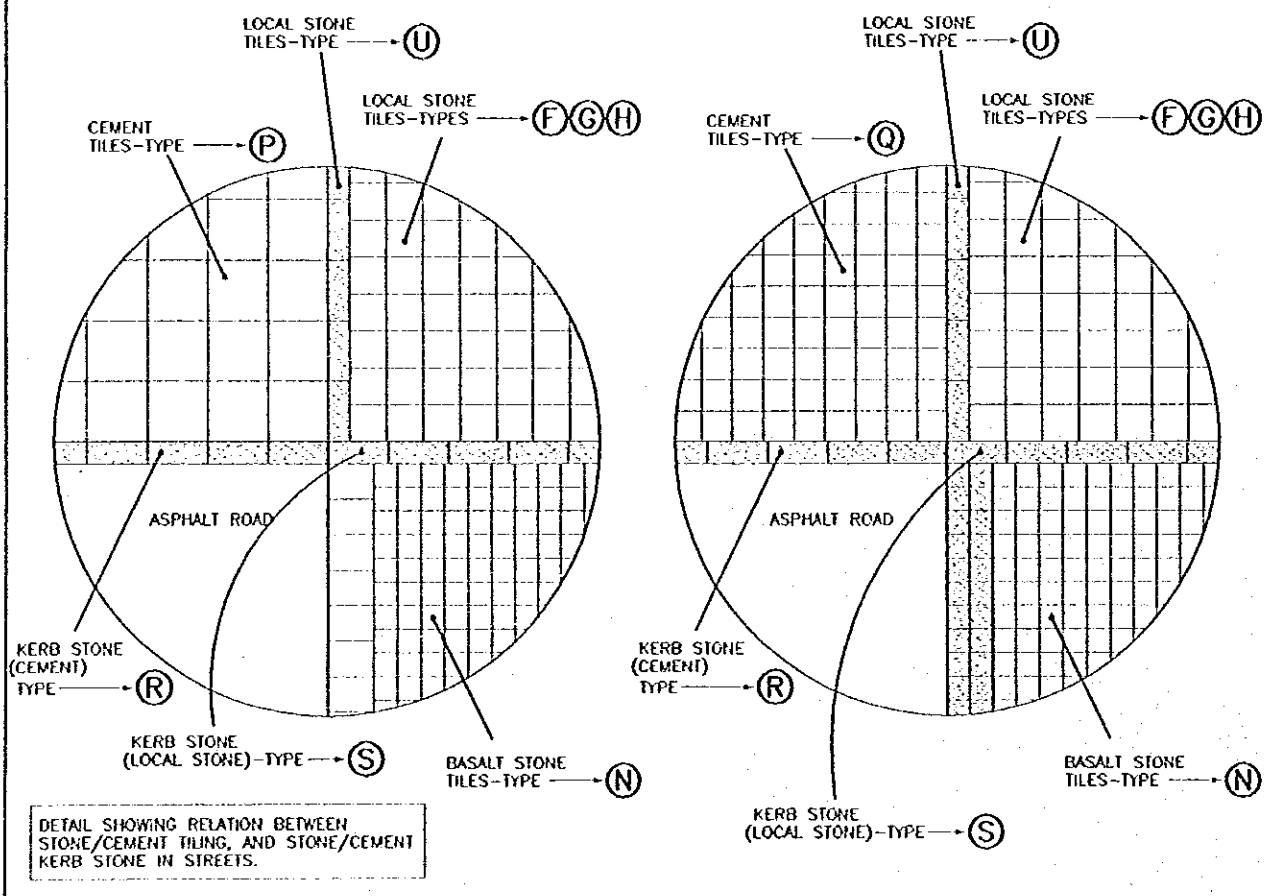
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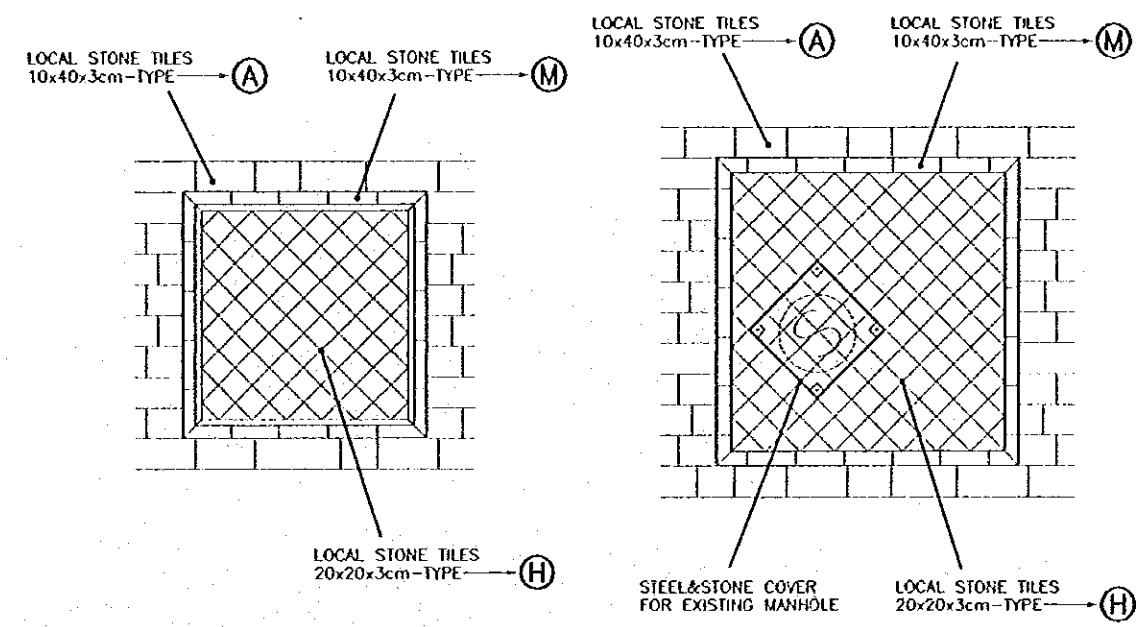
D-11 TREE GRATE DETAIL-1
SCALE 1:10



D-12 TREE GRATE DETAIL-2
SCALE 1:10



D-13 TILING DETAIL
SCALE 1:50/1:10



D-14 TYPICAL TILING PATTERN DETAIL
SCALE 1:30

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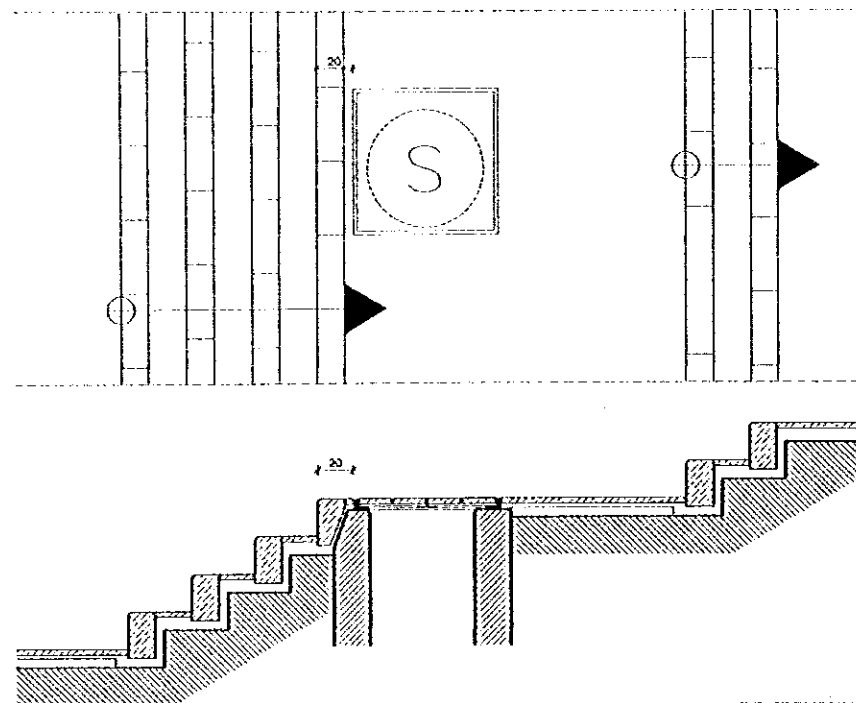
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Drawing title:
DETAILS-3

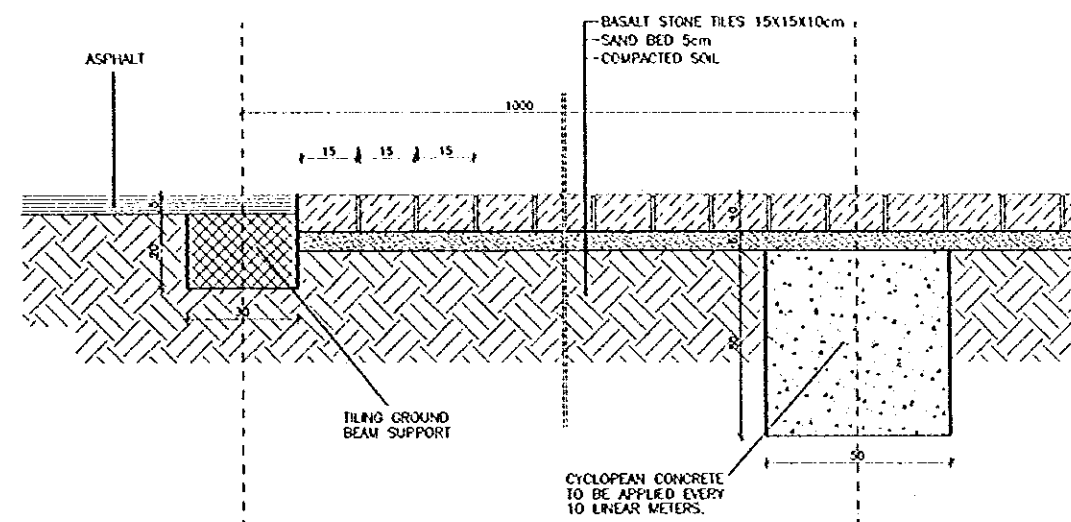
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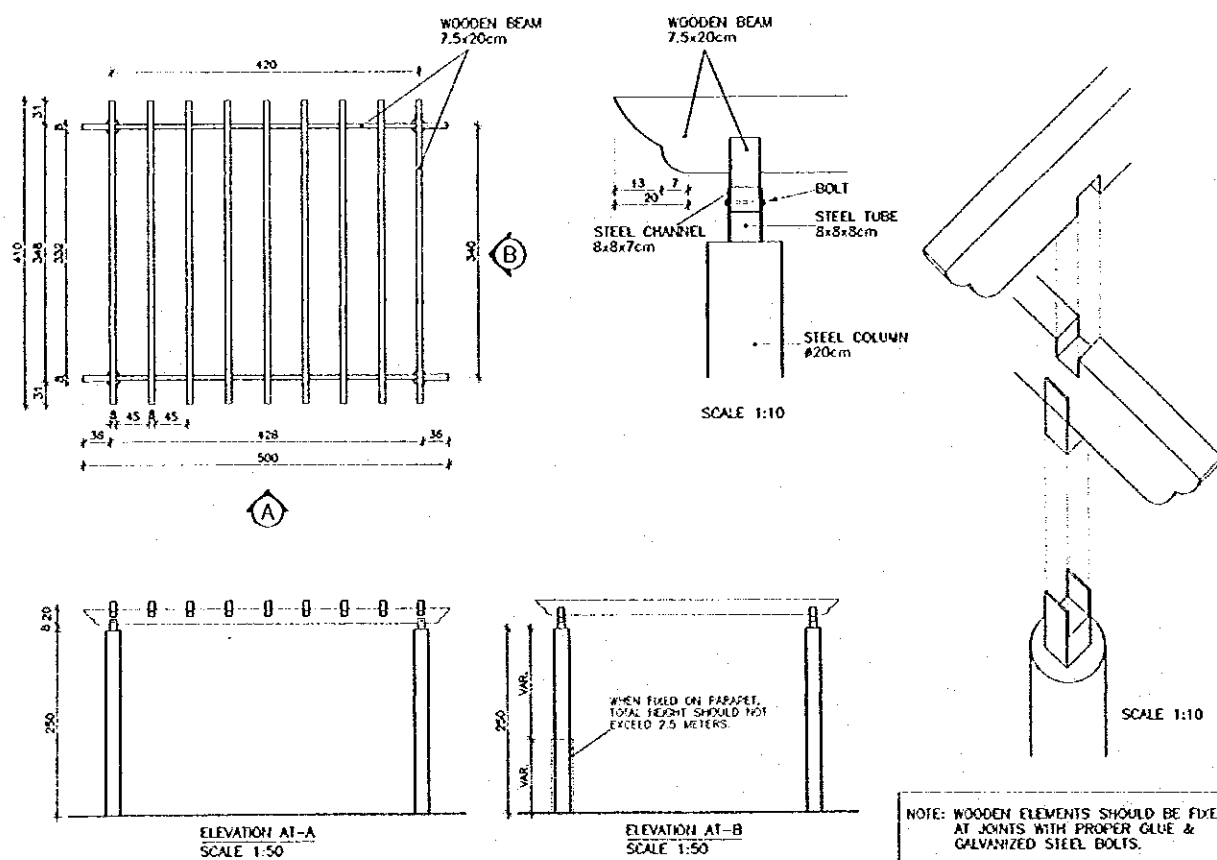


NOTE: WHEN POSITION OF MANHOLE IN
STAIRWAYS IS CLOSE TO A STEP
RISER, THE SITUATION SHOULD
BE ARRANGED SO THAT THE MINIMUM
DISTANCE BETWEEN THE STONE RISER
AND MANHOLE COVER IS 20cm.

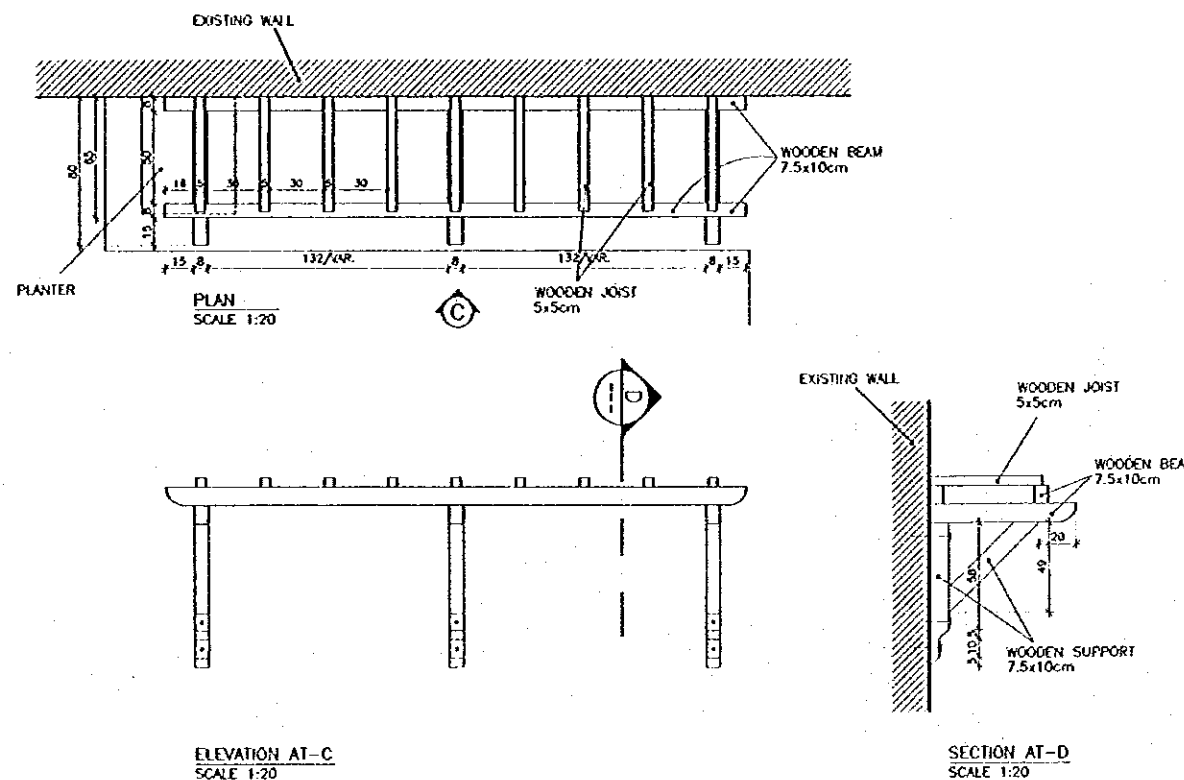
D-15 MANHOLE BETWEEN STEPS DETAIL
SCALE 1:00



D-16 DETAIL OF BASALT TILING IN STREETS
SCALE 1:50/1:10



D-17 TYPICAL PERGOLA DETAIL-1
SCALE 1:10



D-18 TYPICAL PERGOLA DETAIL-2
SCALE 1:20

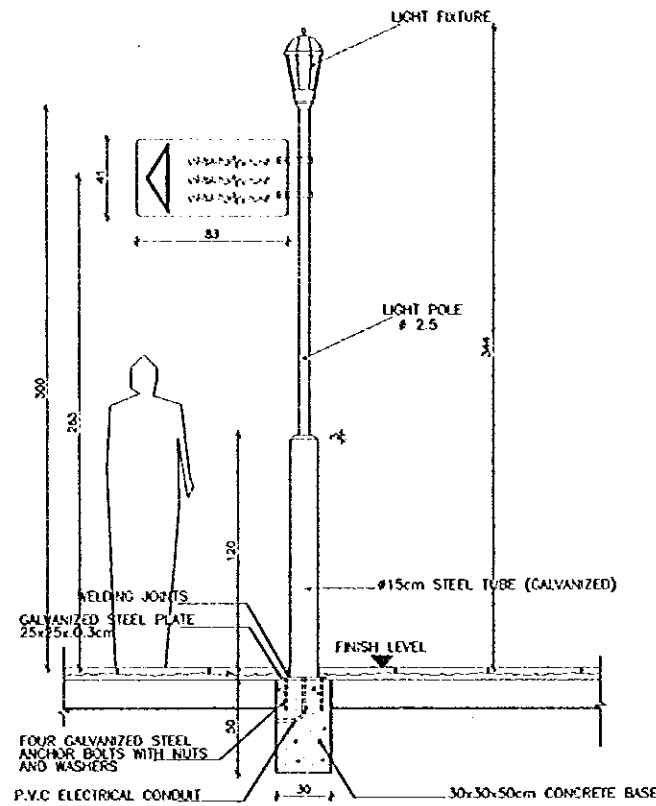
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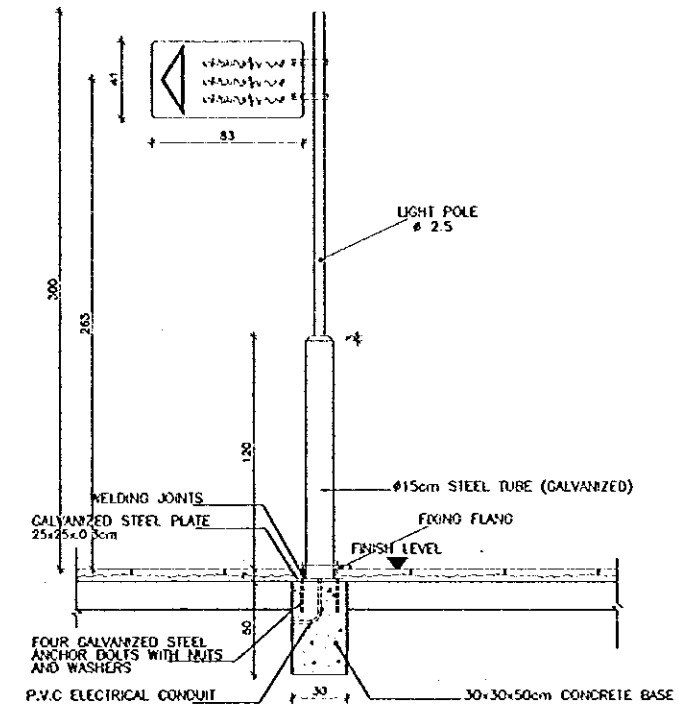
Tourist Trails
Drawing Title:
DETAILS-4

Scale:
VAR.
Drawing No:
AD-AD-04

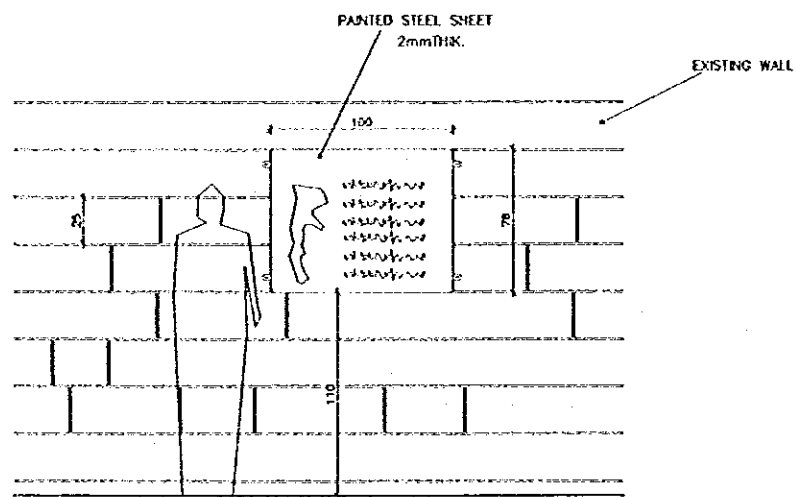
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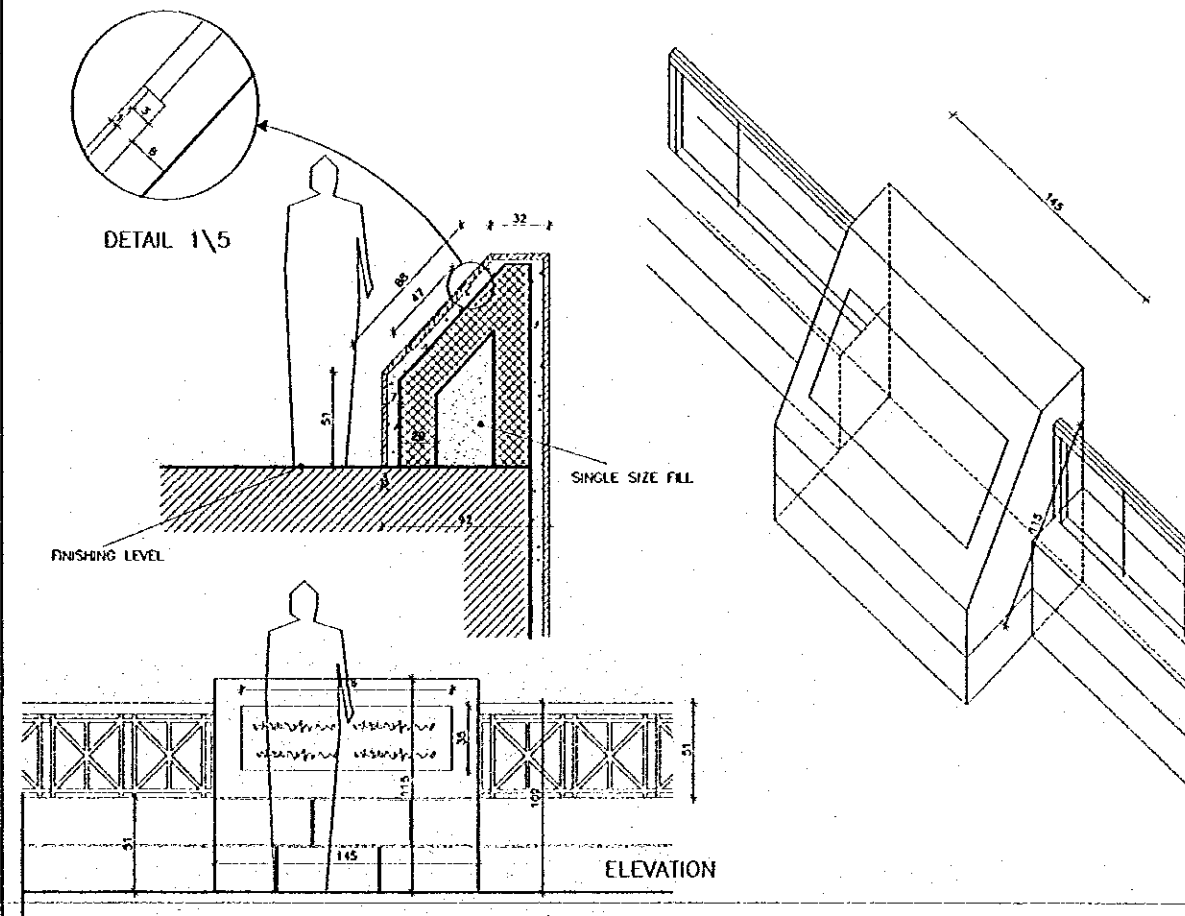
D-19 SIGN TYPE -A
SCALE 1:20



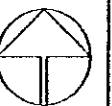
D-20 SIGN TYPE -B
SCALE 1:20



D-21 SIGN TYPE -C
SCALE 1:20



D-22 SIGN TYPE -D
SCALE 1:20



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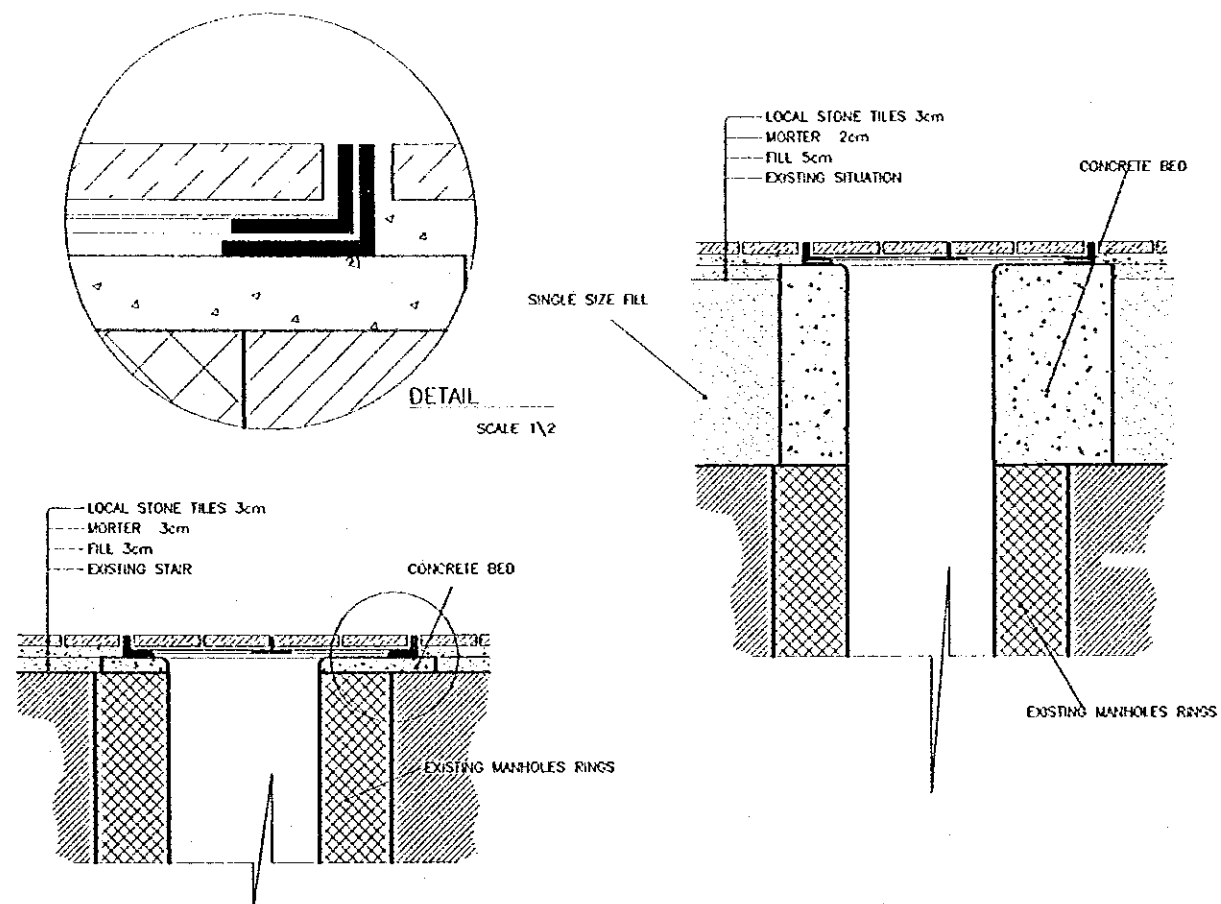
DATE JUNE- 10 / 2000

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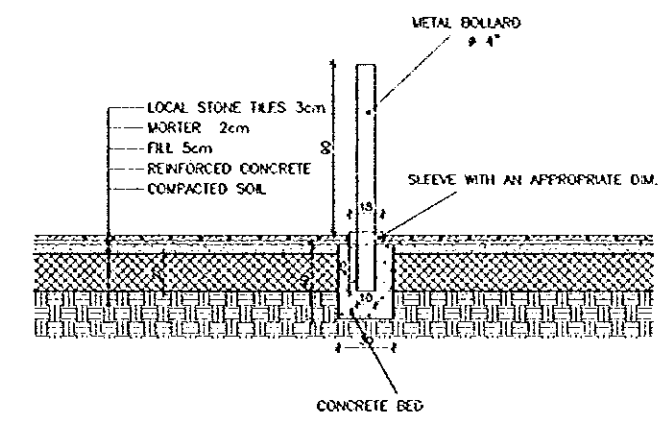
Drawing Title:
DETAILS-5

Scale: VAR. Drawing No.: AD-AD-05

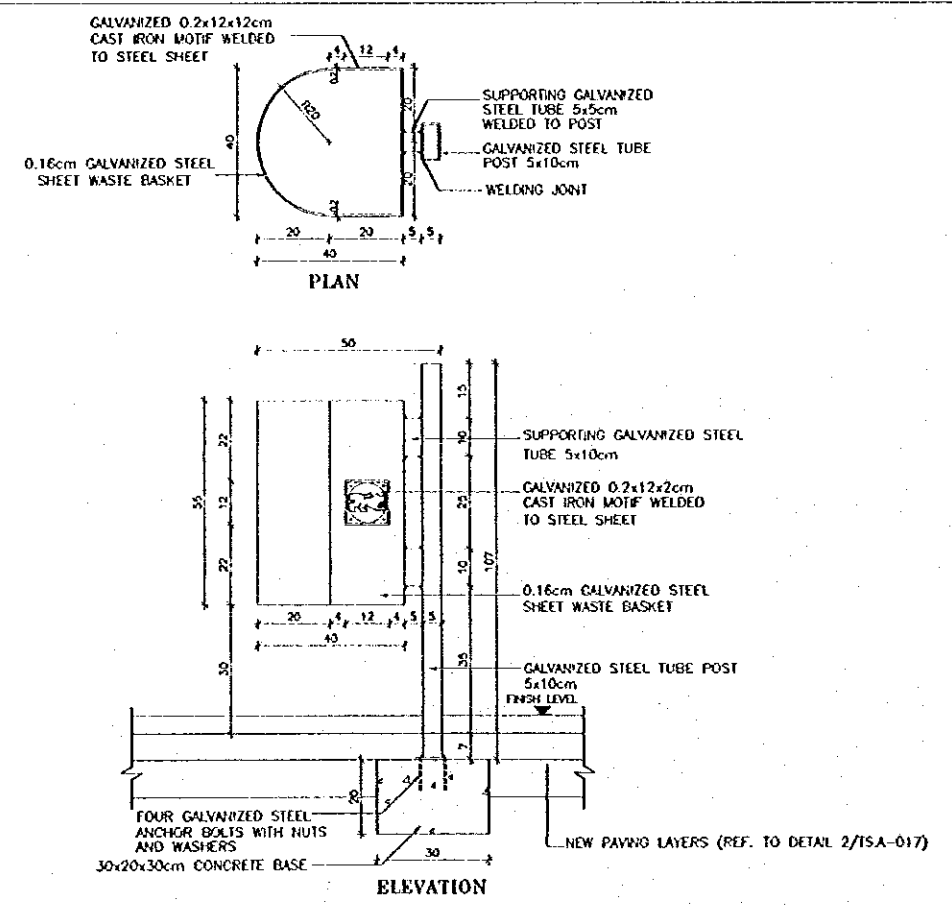
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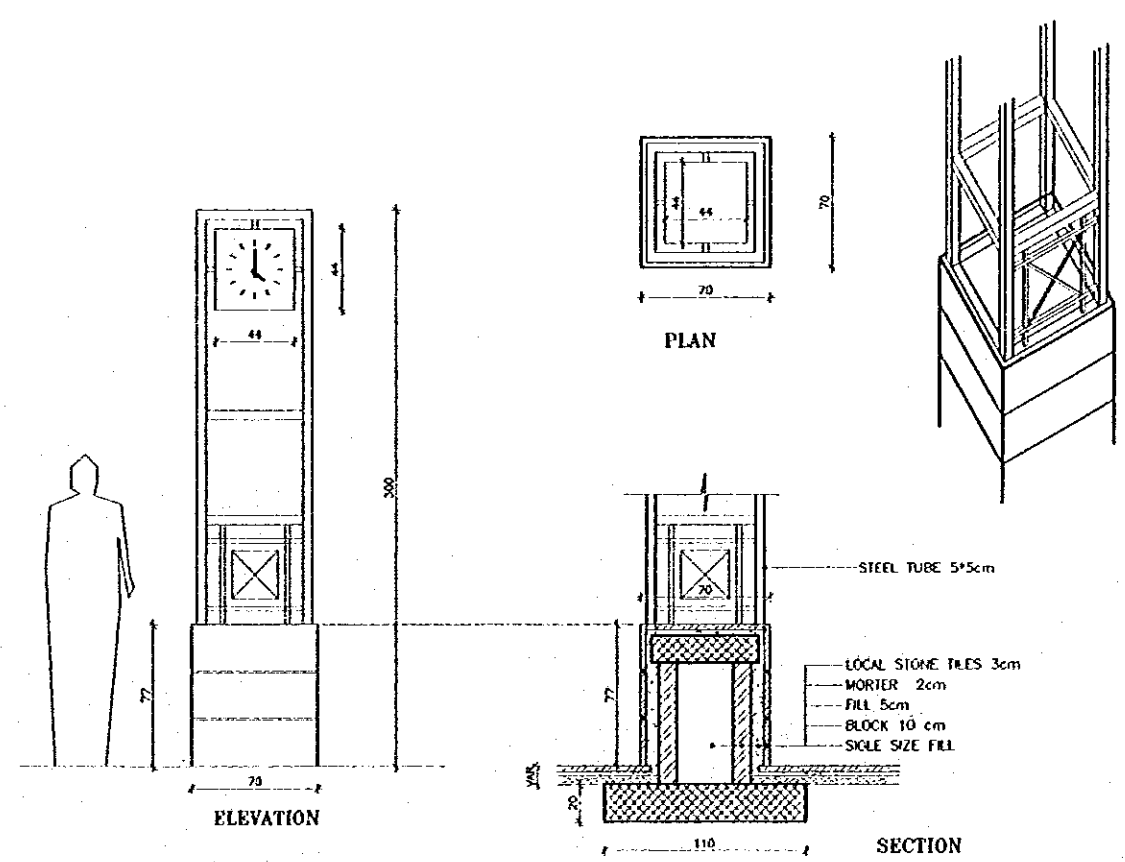
D-23 MANHOLE COVER
SCALE 1:10



D-24 BOLLARD
SCALE 1:20



D-25 LITTER BIN
SCALE 1:10



D-26 CLOCK
SCALE 1:20

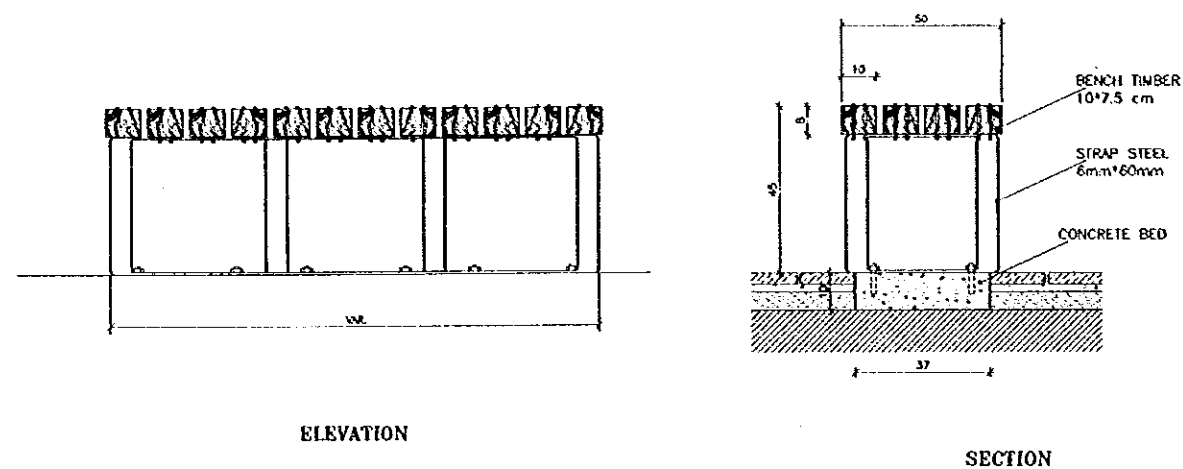
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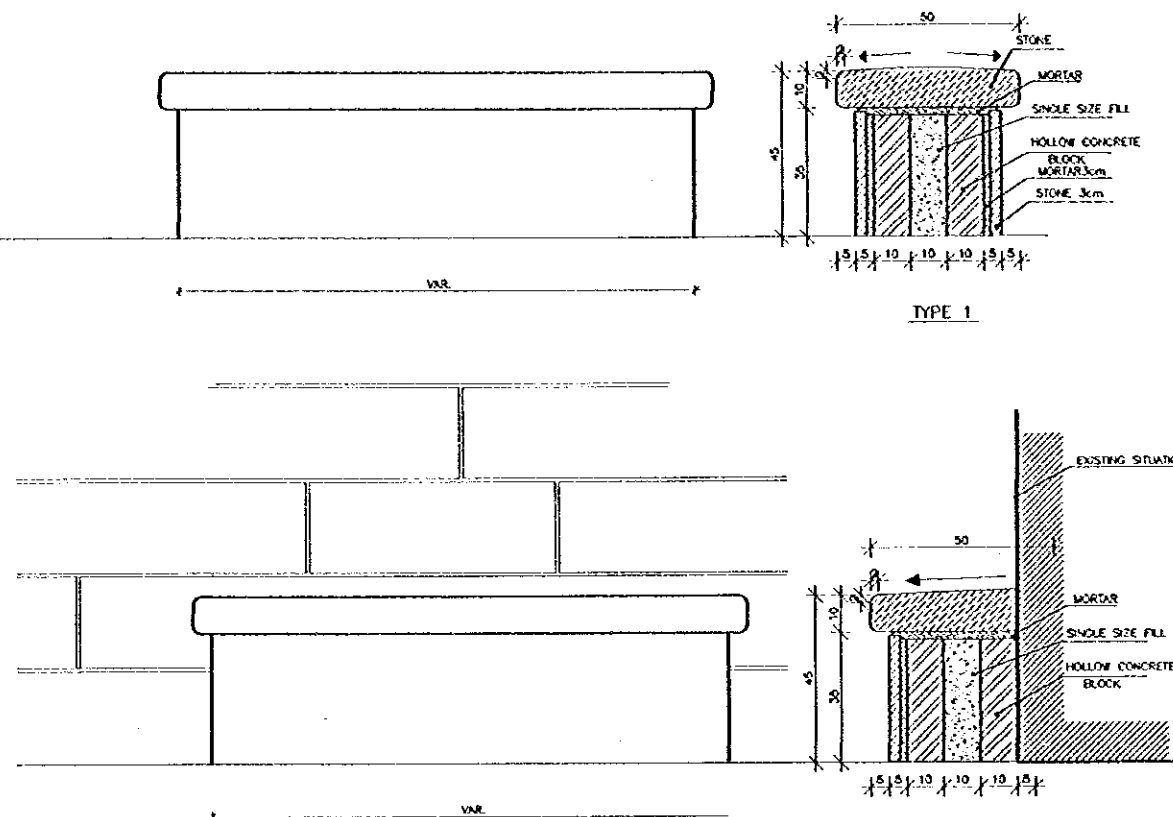
Tourist Trails
Drawing Title:
DETAILS-6

Scale: VAR. Drawing No.: AD.AD-06

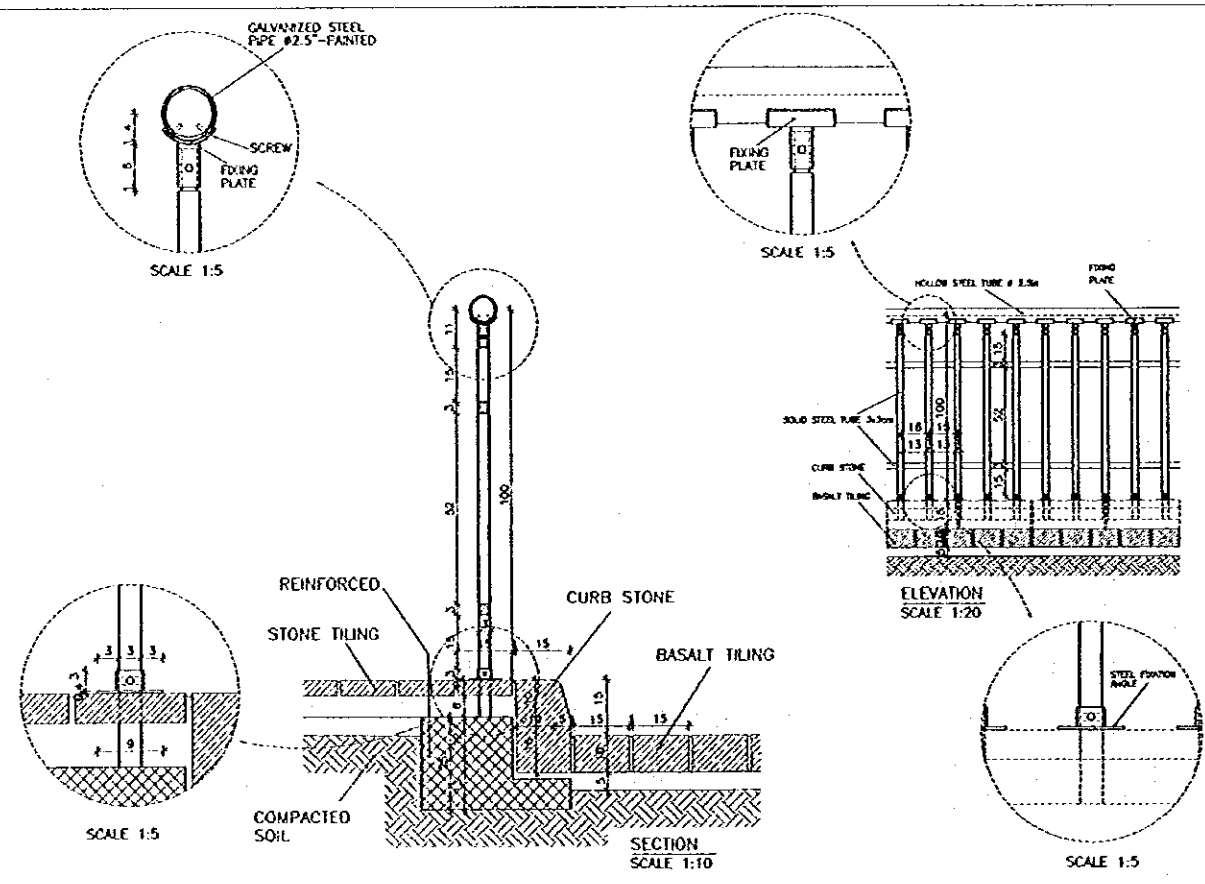
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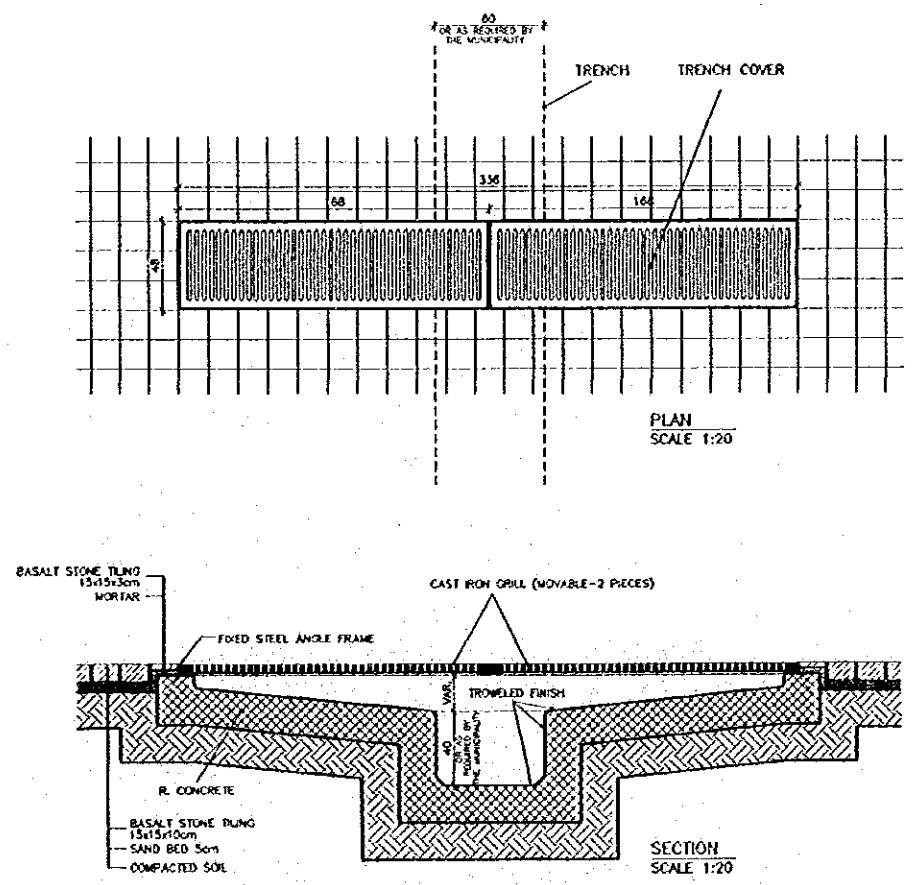
D-27 BENCH TYPE-A
SCALE 1:10



D-28 BENCH TYPE-B
SCALE 1:10



D-29 TYPICAL BALUSTRADE DETAIL
SCALE 1:50/1:10



D-30 GUTTER/TRENCH DETAIL
SCALE 1:20

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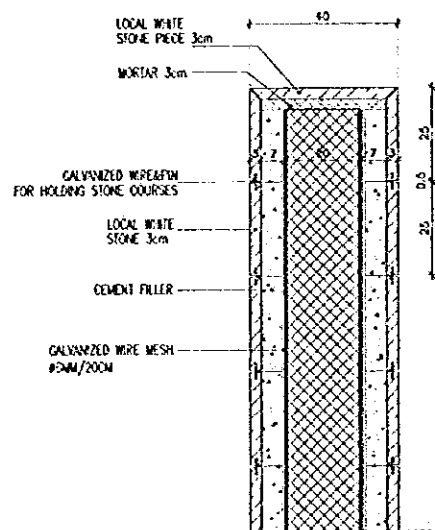
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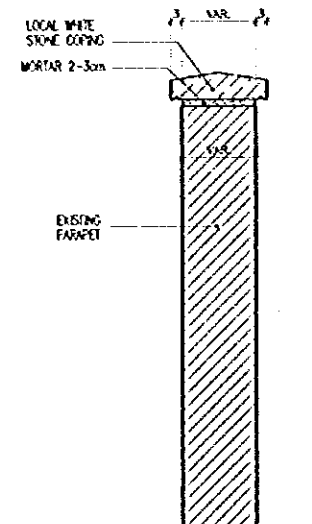
Drawing Title:
DETAILS-7

Scale: VAR. Drawing No.: AD.AD-07

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D-31 DETAIL FOR WET STONE CLADDING
SCALE 1:10



D-32 COPING DETAIL
SCALE 1:10



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DATE: JUNE-10/2000

Tourist Trails
Drawing Title:
DETAILS-8

Scale: VAR.
Drawing No: AD.AD-08

D-00 SCALE 1:00

D-00 SCALE 1:00

CODE OF PRACTICE

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

DIMENSIONS

All Dimensions are in Centimetres.

DRAWINGS

- 1- Structural drawings shall be read in conjunction with Architectural, Mechanical and Electrical drawings.
- 2- Sieves 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 purposes.

PLAIN CONCRETE

The following two types of plain concrete shall be employed:

- C15 - Grade 15 for all plain concrete blinding under foundations.
- C20 - Grade 20 for all plain concrete backing for stone walls.

Characteristic Strength as defined by a 150 mm cube of 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 - 0.85

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.

PROTECTION OF SUBSTRUCTURE

Bitumeneous Waterproofing Membrane shall be employed to protect and seal all reinforced concrete below grade or in contact with soil, including:

- bottom, side faces and top of footings.
- bottom, side faces and top of grade beams.
- side faces of columns and walls below grade.
- bottom of reinforced slab on grade.

REINFORCED CONCRETE

The following two types of reinforced concrete shall be employed:

- C25 - Grade 25 for all reinforced concrete members except columns.

- C30 - Grade 30 for all reinforced concrete Columns.

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

- C25 - 25 MPa
- C30 - 30 MPa

Minimum cement content, per cubic metre, shall be:

- C25 - 300 kilograms
- C30 - 350 kilograms

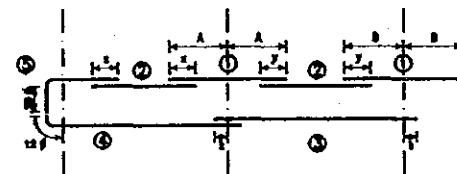
Maximum water-cement ratio shall be:

- C25 - 0.60
- C30 - 0.55

REINFORCEMENT

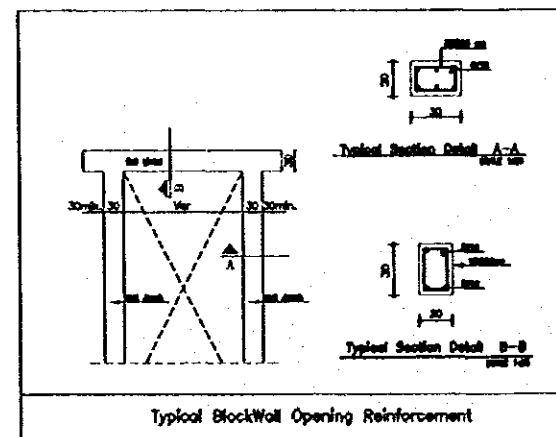
- 1- All reinforcing bars of a diameter larger than 8 millimetres shall be deformed high strength steel bars of Characteristic Strength equal to: $f_y=420$ MPa.
- 2- Bars of 6 and 8 millimetres diameter shall be of mild steel of Characteristic Strength equal to: $f_y=280$ MPa.
- 3- Reinforcement shall comply with BS4449, BS4481 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

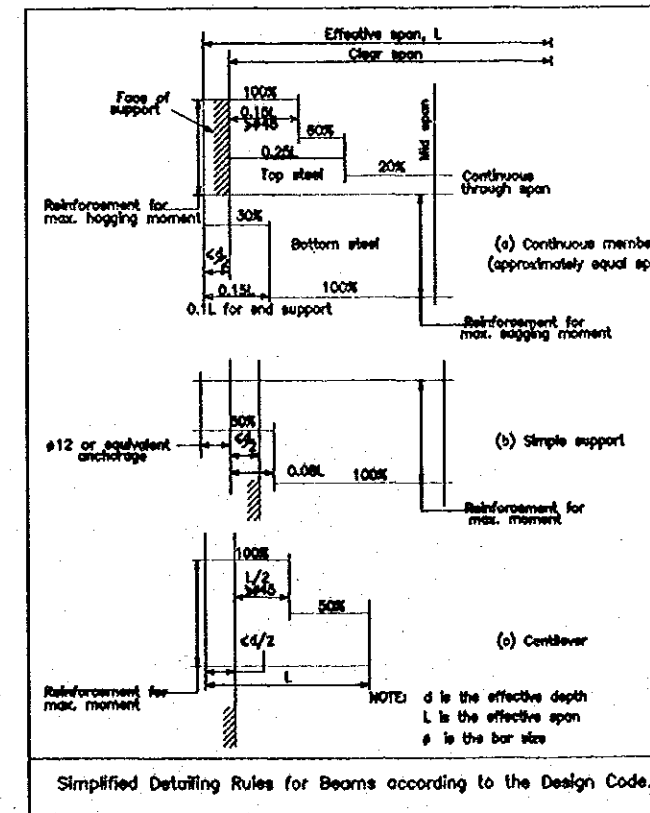
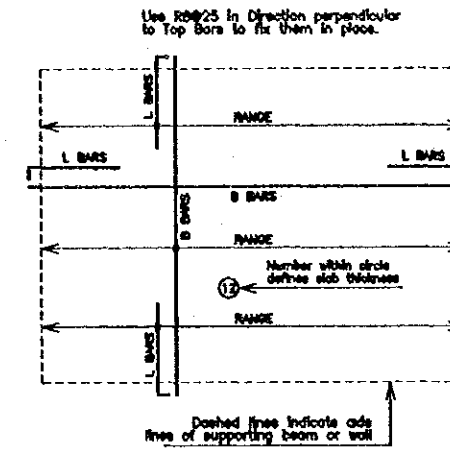


Placement of bars shall be as follows, unless indicated otherwise:

- 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 lap 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 of exterior supports shall extend 25 times the bar size beyond the bend.



Notation Employed for Solid Slab Panels



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JICA Study Team:

Joint Venture of Pacific Consultants International and Yamashita Sekitel Inc.

Subcontracted Local Consultant:

TIBAH Consultants Architects, Engineers

DATE: JUNE-10 / 2000

Tourist Trails

Drawing Title:
Structural Drawing
General Notes

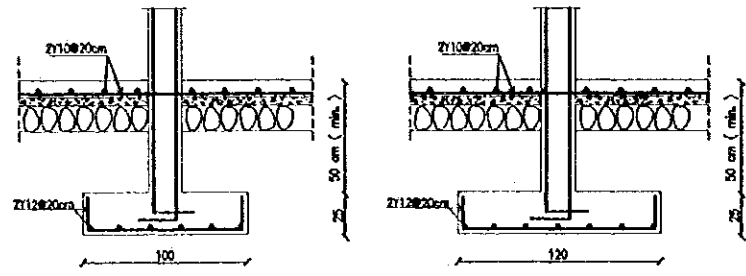
Scale: Drawing No.:
AD.ST-001

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

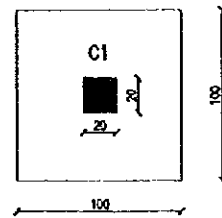
Sub-Project:
Amman Down Town Tourist Zone

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.
The depth of excavation for footing and bearing
capacity of the soil should be verified by the
contractor according to site soil conditions.
The assumed bearing capacity for the soil is 2
kg/cm².

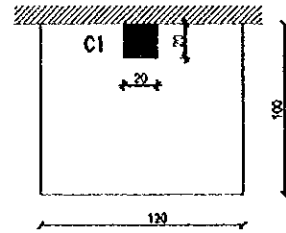


Section in Footing F1
1:20

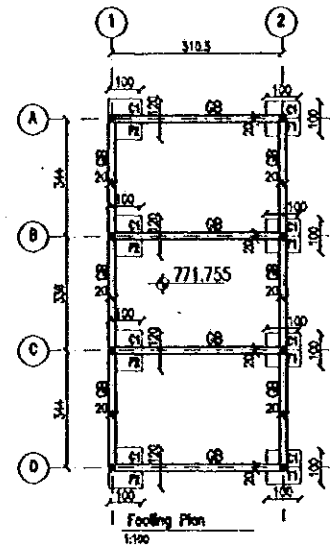
Section in Footing F2
1:20



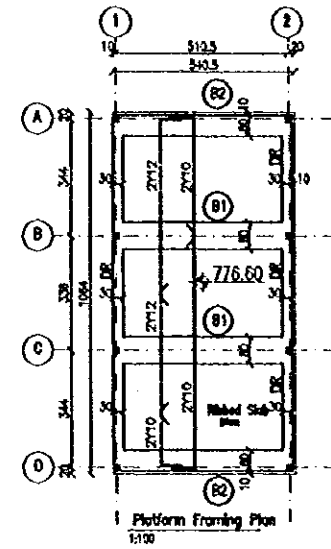
Plan for Footing F1
1:20



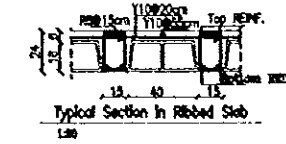
Plan for Footing F2
1:20



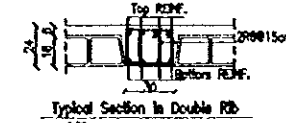
Footing Plan
1:100



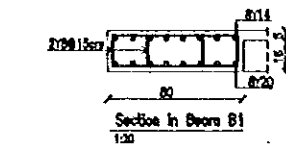
Platform Framing Plan
1:100



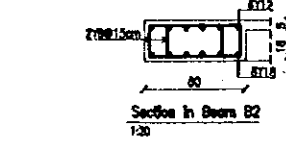
Typical Section in Ribbed Slab
1:30



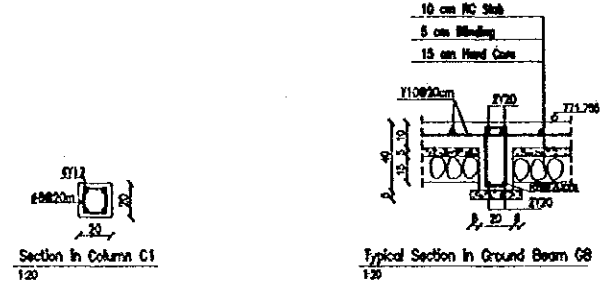
Typical Section in Double RB
1:30



Section in Beams B1
1:20

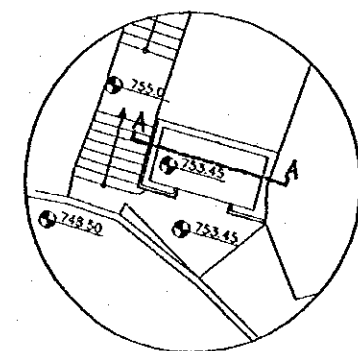


Section in Beams B2
1:20

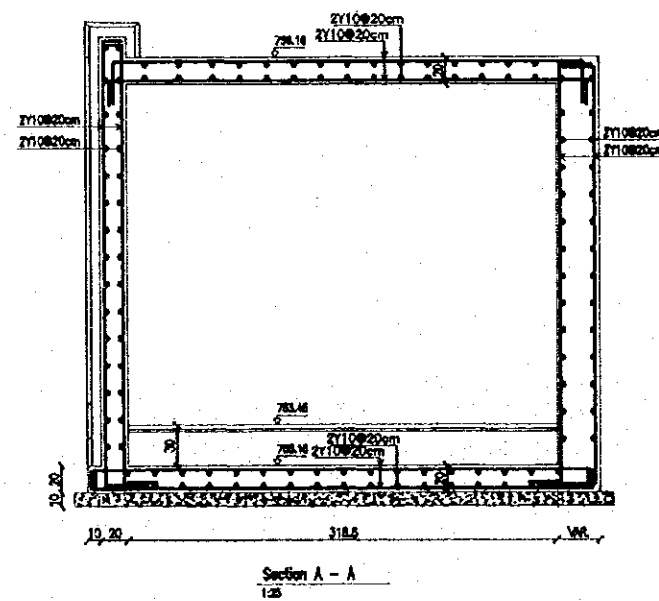


Section in Column C1
1:20

Typical Section in Ground Beam GB
1:20



Plan Street Plan Level
(Farwah Jothani Stairway)
(Refer to Prop. No. ADAT-10)



Section A - A
1:25

Designed by:
Japan International Cooperation
Agency (JICA)
JICA Study Team:
Joint Venture of
Pacific Consultants International and
Yamasa Seteki Inc.
Subcontracted Local Consultant:
TIBAH Consultants
Architects, Engineers

DATE: JUNE-10 / 2000

Tourist Trails
Drawing Title:
Farwah Al Jothani - Street 2
R.C Details

Scale: As shown
Drawing No.: AD.ST-002