PUBLIC WORKS CONTRACT
for the Development of Semi-Public Spaces in East Jerusalem'

Reference No.: PZA170421T-10029

Funded by:

Enabel - Belgian Development Agency

BELGIUM
classic partner in development

EUROPEAN UNION

Designed By:

31°47 Design Studio, Jerusalem

February 2023
PUBLIC WORKS CONTRACT
for the Development of Semi-Public Spaces in East Jerusalem
Reference No.: PZA170421T-10029

Designed by: M.Arch. Ibrahim Alhindi
3147 Design Studio

Project Title: PUBLIC WORKS CONTRACT
for the Development of Semi-Public Spaces in East Jerusalem
Reference No.: PZA170421T-10029

Designed by: M.Arch. Ibrahim Alhindi
3147 Design Studio

Funded By: Enabel - Belgian Development Agency

Contracting Authority: Enabel - Belgian Development Agency

[Diagram with symbols and notes]
(1) All dimensions are in cm.
(2) All levels are in meter.
(3) Any missing or unclear detail and all fastening systems for all elements shall be approved by the supervisor.
RC CONCRETE FOR COLUMNS
CEMENT TILE
HOLLOW BLOCKS
REINFORCEMENT CONCRETE LEVEL
LEVEL SIGN IN PLAN
REFERENCE DETAIL SHEET NUMBER
FLOOR FINISH LEVEL (F.F.L.)
TERRAZZO TILE

Legend:
LOCAL MARBLE

Designed by:
Checked by:
Approved by:

Date:
Scale:
Drawing No:
Coordinate Manager:

Notes
(1) All Dimensions Are In Cm.
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REVISIONS
NO. DRAWING DATE
(1) (2) (3)

C R.C.L.
S.L. : SEA LEVEL Interlock

Address Tel. email Fax:

Funded By:
Enabel - Belgian Development Agency

Project Title:
PUBLIC WORKS CONTRACT for the Development of Semi-Public Spaces in East Jerusalem

Reference No.:
PZA170421T-10029

Designed by:
M.Arch. Ibrahim Alhindi
3147 Design Studio
Connecting Plate Details Inside the Column

Standard section for lighting excavation on a street, pedestrian walkway, or roadside

Earthling Manhole Ø60 cm

Notes:
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Legend:
- RC: Reinforced Concrete
- HT: Hollow Tile
- H: Hollow Block
- S: Stone Wall
- W: Water Cooler

Section Number:
- Reference Sheet Number: 1
- Reference Detail Sheet Number: 2
- Reference Detail Sheet Number: 3

Revisions:
- No. Drawings: 1
- Date: Feb 2023

Project Title:
PUBLIC WORKS CONTRACT for the Development of Semi-Public Spaces in East Jerusalem

Funded By:
Enabel - Belgian Development Agency

Contracting Authority:
Enabel - Belgian Development Agency

Designed by:
M.Arch. Ibrahim Alhindi
3147 Design Studio

Address Tel. Email Fax:

Enable - Belgian Development Agency

Program Title:
E03

European Union

Project No:
PZA170421T-10029

Reference No:
PZA170421T-10029

Design:
M.Arch. Ibrahim Alhindi
3147 Design Studio

Enable - Belgian Development Agency

Prepared By:
M.Arch. Ibrahim Alhindi
3147 Design Studio

Specifications:

Asphalt
Tiles
Soil
Gravel
Warning Tape
Pipe and Cable

2", 3", 4"

Uninsulated copper wire 35 mm2

P, N (2.5 mm2)
Insulating layer on all the panel area
Disconnect Key
2x6 A type "C", 10 kA Scc

4 Connecting Beads 3 Entrances with Insulators

Thermocouple cable end
cable installation panel

Fixing screw thread

16 mm copper flexible The length and width of the board is suitable for column size

1:10

A copper electrode with a diameter of 19 mm and a length of 3 meters

1:10

Earthling Manhole Cover with a diameter of 50 cm

Concrete Block in diameter and 50 cm deep

Concrete Body

Fill

Uninsulated copper wire 35 mm2

Un-insulated wire copper 35 mm

Standard section for lighting excavation on a street, pedestrian walkway, or roadside

1:10

Copper plate 40/4

35 mm cable sole

Uninsulated copper wire 35 mm2

Column or Plate earth to next manhole

Pipe Ø25

A copper electrode with a diameter of 30 cm and a length of 3 meters

A copper electrode with a diameter of 19 mm and a length of 3 meters

Connecting Plate Details Inside the Column

Service Box

Lamp supply cable wires P, N (2.5 mm2)
Insulating layer on all the panel area
Disconnect Key
2x6 A type "C", 10 kA Scc

4 Connecting Beads 3 Entrances with Insulators

Thermocouple cable end
cable installation panel

Fixing screw thread

16 mm copper flexible The length and width of the board is suitable for column size

1:10

A copper electrode with a diameter of 19 mm and a length of 3 meters

1:10

Earthling Manhole Cover with a diameter of 50 cm

Concrete Block in diameter and 50 cm deep

Concrete Body

Fill

Uninsulated copper wire 35 mm2

Un-insulated wire copper 35 mm

Standard section for lighting excavation on a street, pedestrian walkway, or roadside

1:10

Copper plate 40/4

35 mm cable sole

Uninsulated copper wire 35 mm2

Column or Plate earth to next manhole

Pipe Ø25
EZARIYEH PUBLIC PARK

Ezariyeh-Jerusalem

MECHANICAL DRAWINGS
**COVER**

M00  TABLE OF CONTENTS
M01  MECHANICAL SYSTEM
M02  MECHANICAL SYSTEM
EZARIYEH PUBLIC PARK

Ezariyeh—Jerusalem

BOOK OF DETAILS
RC CONCRETE FOR COLUMNS
CEMENT TILE
HOLLOW BLOCKS
REINFORCEMENT CONCRETE LEVEL
LEVEL SIGN IN PLAN
REFERENCE DETAIL SHEET NUMBER
FLOOR FINISH LEVEL (F.F.L.)
TERRAZZO TILE
LOCAL MARBLE

Legend:

LOCAL MARBLE
ROOM TO
ROOM NUMBER
REFERENCE DETAIL SHEET NUMBER
S.L. : SEA LEVEL
S.L.: SEA LEVEL
C
R.C.L.
S.L. : SEA LEVEL

NOTES

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REVISIONS

NO. DRAWINGS DATE

C

Contracting Authority:
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Funded By:

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Reference No.: PZA170421T-10029

Date:
Feb 2023

Designed by:
M.Arch. Ibrahim Alhindi
3147 Design Studio

D 00 TABLE OF CONTENTS
D 01 CANTEEN DETAIL
D 02 CANTEEN DETAIL
D 03 TOILETS DETAIL
D 04 TOILETS DETAIL
D 05 TYPICAL VERTICAL SECTION THROUGH METAL DOORS
D 06 TYPICAL DETAIL OF CONNECTION BETWEEN WET AND DRY AREAS
D 07 PORCELAIN FLOOR FINISHING
D 08 BRICK FLOORING
D 09 STAIRS DETAILS
D 10 PLANTER DETAILS
D 11 ARTIFICIAL GRASS
D 12 RUBBER SURFACE
D 13 METAL GATE DETAILS
D 14 STEEL MESH FENCE 3 M
D 15 STEEL MESH FENCE 6 M
D 16 METAL-TALKING PIPE GAME
D 17 CONCRETE BENCH
D 18 PERGOLA DETAILS
D 19 STEEL FABRIC PERGOLA
D 20 BENCHES DETAILS-1
D 21 BENCHES DETAILS-2
D 22 GAMES DETAILS-1
D 23 GAMES DETAILS-2
D 24 GAMES DETAILS-3
D 25 STRUCTURAL DETAILS-1
D 26 STRUCTURAL DETAILS-2
NOTES
(1) All Dimensions Are In Cm.
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Finishing Systems For All Elements Shall be
Approved by The Supervisor.

Legend:

- RC CONCRETE FOR COLUMNS
- CEMENT TILE
- HOLLOW BLOCKS
- REINFORCEMENT CONCRETE LEVEL
- LEVEL SIGN IN PLAN
- REFERENCE DETAIL SHEET NUMBER
- FLOOR FINISH LEVEL (F.F.L.)
- TERRAZZO TILE
- LOCAL MARBLE
- ASPHALT

- Water Cooler

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REVISIONS
NO. DRAWINGS DATE

(1) (2) (3)

CANTEEN CONTAINER - PLAN

SHEET NUMBER: 15

CANTEEN CONTAINER - ELEVATION 2

SHEET NUMBER: 259

CANTEEN CONTAINER - ELEVATION 1

SHEET NUMBER: 900

CANTEEN CONTAINER - ELEVATION 3

SHEET NUMBER: 244

Scale: 1:50
TYPICAL VERTICAL SECTION THROUGH METAL DOORS

[Diagram showing a vertical section through a metal door with details on materials and dimensions]

- 12x12mm SOLID STEEL BAR
- 20x10mm METALLIC TUBE SCREWED TO STEEL ANGLE
- 300x10mm STEEL PLATE
- 100x40x2mm STEEL STILE
- 10mm THICK STEEL PLATE FOR WATER
- RUBBER SEALANT
- +0.12 FFL (Finish Floor Level)
- Floor Tiles
- Mortar 2cm
- Sand Fill 7cm
- 10cm R.C. Slab

Legend:
- LOCAL MARBLE
- RC CONCRETE FOR WALLS
- CONCRETE
- HOLLOW BLOCKS
- STONE WALL

Notes:
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Designed by:
M.Arch. Ibrahim Alhindi
3147 Design Studio

Funded By:
Enabel - Belgian Development Agency

Contracting Authority:

Scale: 1:5
VEHICULAR PRECAST CONCRETE
RECTANGULAR PAVING

SEAL JOINTS
WITH FINE SAND

SAND
(t = 0.05m)

SELECT
COMPACTED
MATERIAL BASE

COURSE
(t = 0.2m)

COMPACTED EARTH

RC CONCRETE FOR COLUMNS
CEMENT TILE
HOLLOW BLOCKS
REINFORCEMENT CONCRETE LEVEL
LEVEL SIGN IN PLAN
REFERENCE DETAIL SHEET NUMBER
FLOOR FINISH LEVEL (F.F.L.)
TERRAZZO TILE
LOCAL MARBLE
BRICK FLOORING

Legend:

Designed by:
Checked by:
Approved by:
Date:
Scale:
Drawing No:
Coordinate Manager:

Notes:
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Enabel - Belgian Development Agency

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Reference No.:
PZA170421T-10029

Feb 2023

Designed by:
M.Arch. Ibrahim Alhindi

Funded By:
Begium

European Union

Sheet Name:
7

3147 Design Studio

(1)  All Dimensions Are In Cm.
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Notes
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Legend:
- RC: Reinforced Concrete
- H: Hollow Blocks
- ST: Stone
- W: Water
- T: Terrazzo
- C: Concrete
- AL: Asphalt
- M: Marble
- S: Steel

(1) All Dimensions Are In Cm.
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Content:
- RC CONCRETE FOR COLUMNS
- CEMENT TILE
- HOLLOW BLOCKS
- REINFORCEMENT CONCRETE LEVEL
- LEVEL SIGN IN PLAN
- REFERENCE DETAIL SHEET NUMBER
- FLOOR FINISH LEVEL (F.F.L.)
- TERRAZZO TILE
- LOCAL MARBLE

Project Title:
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Feb 2023

Designed by:
M.Arch. Ibrahim Alhindi
3147 Design Studio

Contracting Authority:
Enabel - Belgian Development Agency

Funded By:
Enabel - Belgium Development Agency

Coordinate Manager:
Ibrahim Alhindi

Drawing No:
D09

Scale:
1:100

STAIRS DETAILS

TYPICAL STONE STAIRS - SECTION

Scale 1:20
Notes:
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Legend:
- RC CONCRETE FOR COLUMNS
- CEMENT TILE
- HOLLOW BLOCKS
- REINFORCEMENT CONCRETE LEVEL
- LEVEL SIGN IN PLAN
- REFERENCE DETAIL SHEET NUMBER
- FLOOR FINISH LEVEL (F.F.L.)
- TERRAZZO TILE
- LOCAL MARBLE
- Asphalt

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REVISIONS
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Enabel - Belgian Development Agency

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Designed by:
M.Arch. Ibrahim Alhindi
3147 Design Studio
14 STEEL MESH FENCE (6m)

Reinforcing profile stars

Peat review

Overlap between meshes

Reinforcing profile stars

Clips for joining mesh to mesh

Clamp for fixing mesh to pole

"Blind" fastening

The above dimensions are in m.

* The gate cells' internal divisions correspond to the width of the gate.
RC CONCRETE FOR COLUMNS
CEMENT TILE
HOLLOW BLOCKS

REINFORCEMENT CONCRETE LEVEL
LEVEL SIGN IN PLAN
REFERENCE DETAIL SHEET NUMBER
FLOOR FINISH LEVEL (F.F.L.)

TERRAZZO TILE

Legend:
LOCAL MARBLE

Designed by:
Checked by:
Approved by:
Date:
Scale:
Drawing No:
Coordinate Manager:

Notes
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3147 Design Studio

F.A: 405
F.B: 310
F.C: 50
F.D: 50

PERGOLA DETAILS

Details

18
STEEL PERGOLA - PLAN
Scale 1:50

18
STEEL PERGOLA - ELEVATION
Scale 1:50

18
STEEL PERGOLA - PERSPECTIVE
Scale N.T.S

18
COLUMN-FOUNDATION FIXING
Scale 1:25
RC CONCRETE FOR COLUMNS
CEMENT TILE
HOLLOW BLOCKS
REINFORCEMENT CONCRETE LEVEL
LEVEL SIGN IN PLAN
REFERENCE DETAIL SHEET NUMBER
FLOOR FINISH LEVEL (F.F.L.)
TERRAZZO TILE

Legend:
LOCAL MARBLE

Designed by:
Checked by:
Approved by:

Date:
Scale:
Drawing No:
Coordinate Manager:

Notes
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F.F.L.: FINISH FLOOR LEVEL
R.C.L.: REN. CONCRETE LEVEL

Enabel - Belgian Development Agency

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3147 Design Studio

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Contracting Authority:

REVISIONS
NO. DRAWINGS DATE

INVOICE

Ibrahim Alhindi

CR: STEEL FABRIC PERGOLA - PLAN
Scale 1:50

CR: COLUMN-FOUNDATION FIXING
Scale 1:29

CR: STEEL FABRIC PERGOLA - ELEVATION
Scale 1:50

CR: COLUMN-FACTOR FIXING
Scale 1:29
**STEEL WOODEN BENCH**

**SEAT LENGTH 1.5M**

Coated Pine Wood rectangular section 5 cm * 10 cm

Side Metal tubes 1.5 inches

Cutouts Metal pipes 0.75 inches
SLIDING TOWER - PLAN

23

A

Scale 1:25

PLASTIC SLIDE

STEEL

PLASTIC-FIBERGLASS SLIDE

CIRCULAR BAR

100MM X 100MM STEEL
RECTANGULAR BAR

100MM X 100MM STEEL
CIRCULAR BAR

STEEL LADDER

BACK SIDE GAME

SLIDING TOWER - ELEVATION

23

B

Scale 1:25

PLASTIC-FIBERGLASS SLIDE

CIRCULAR BAR

100MM X 100MM STEEL
CIRCULAR BAR

D22

DESIGNED BY

M.Arch. Ibrahim Alhindi
3147 Design Studio

FACED BY

Enabel - Belgian Development Agency

Funded By

EUROPEAN UNION

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PUBLIC WORKS CONTRACT for the Development of Semi-Public Spaces in East Jerusalem

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Enabel - Belgian Development Agency

Date:

Feb 2023

Designed by:

M.Arch. Ibrahim Alhindi
3147 Design Studio

Notes:

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SEATS FOR CHILDREN - EXISTING

25  SWING 3 SEATS - NEW

26  SWING 2 SEATS (BOAT) - NEW

Legend:
- RC CONCRETE FOR COLUMNS
- CEMENT TILE
- HOLLOW BLOCKS
- REINFORCEMENT CONCRETE LEVEL
- LEVEL SIGN IN PLAN
- REFERENCE DETAIL SHEET NUMBER
- FLOOR FINISH LEVEL (F.F.L.)
- TERRAZZO TILE
- LOCAL MARBLE
- CODE
- FUNCTION
- AREA
- ROOM
- ROOM ID
- CODE
- ROOM NUMBER
- INTERIOR DETAIL SHEET NUMBER
- INTERIOR DETAIL SHEET NUMBER
- DRAWING NO
- DRAWING NO
- DRAWING NO
- DRAWING NO
- SCALE
- ENABLE - BELGIAN DEVELOPMENT AGENCY
- CONTRACTING AUTHORITY
- FUNDED BY
- PROJECT TITLE:
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- DESIGNED BY
- M.Arch. Ibrahim Alhindi
- 3147 DESIGN STUDIO
- SHEET NAME
- D23
- NOTES
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Design Data

1- Concrete of All Structural Members is B300 [fc'=24 MPa]
2- Reinforcement Yield Strength Fy=400 MPa
3- The foundation layer must be a solid layer, and in the absence of nearby rock, a soil replacement is made by placing the base course in two layers with a thickness of 50 cm, with a compaction work of 98%.