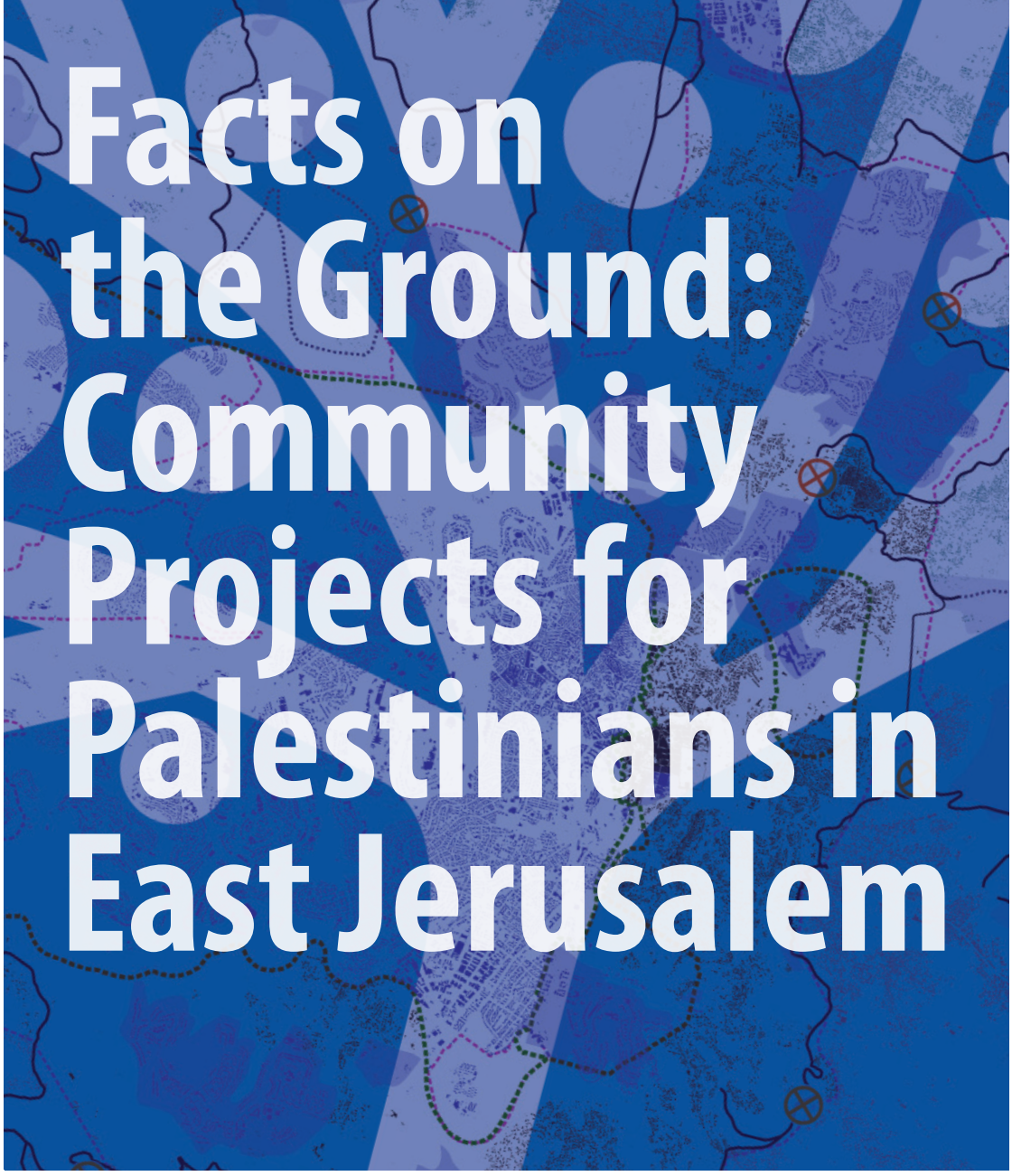
Facts on the Ground: Community Projects for Palestinians in East Jerusalem



DESIGN MANUAL

Updated version
June, 2021

ipcc
INTERNATIONAL PEACE & COOPERATION CENTER

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Preface

This manual was developed by IPCC planners and urban designers throughout their interaction with the participants in the two design workshops held as part of the activities of this project, which is supported by the EU. The manual specifies elements and visual graphics of the community initiatives designed and implemented in the first year. The process of determining the elements, urban furniture, signs, and urban forms were all performed in close consultation with the community to match their needs, and to involve them in the decision-making process concerning the design and elements used. Sustainability and local materials were considered as criteria in identifying the elements, as well as the design of the initiatives.

This manual is an important outcome of the participative design workshops conducted in the first year of the project; however, it is an open-ended process for modifications and a learning upgrade from the experiences of implementing past initiatives, where other design groups will have the chance to integrate new ideas and local innovative designs into their initiatives to serve their own communities.

Design Guidelines
pavement and green lines

- Damaged and dilapidated staircase to roof deck or roof coverings should be rehabilitated using traditional materials.
- Paths should be maintained and cleared of any vegetation and all other obstacles.
- Stairs may include new lighting systems.
- Stairs should have simple and light railings to be used by elder residents and children.
- A fence may consist of only one bar, in brown, without altering the image of the area.

Wooden planter tree boxes

Green patches

Pavement pattern

- Where possible, a ramp will be installed to allow people with disabilities the ability to move in a wheel chair.
- Wooden planter boxes are to be used, including for trees on rooftops.
- Placing light layers of soil on green patches.
- Where possible, parts of the roof may be designed with a layer of asphalt.
- All added parts should be easily replaceable.

Green patches

Design Guidelines
urban furniture

GENERAL PRINCIPLES

- The use of historic building materials is favored (stone).
- If possible, restoring and using elements found on site is preferred.
- Minimizing the visual impact of devices placed on rooftops visible to the public.
- If CNC cut metal is going to be used on an element, the updated logo suitable for CNC cutting is needed to be used.

APPROPRIATE MATERIALS for URBAN FURNITURE

- Preferably materials manufactured locally.
- Easy to maintain.
- Long life spans for materials and furniture.
- Ability to be recyclable.
- Manufactured from recycled or repurposed materials.
- Not manufactured using harsh chemicals.
- Will not interact negatively with historic building materials.

Stone bench

BEIT HANINA
CITY PARK
حديقة جمعية
بيت حنينا الخيرية

Park logo for CNC usage & steel tree grid

Design Guidelines
benches

- Recommended materials: wood, stone and concrete
- Benches should be arranged along green paths
- Several types of benches are to be used according to the usage of the green area
- Design of benches may include shading elements
- Benches may be of different colors

Combined seating and planters

Design Guidelines multi-use playgrounds

- More than one activity in the playgrounds will be implemented because of the lack of available spaces and generally these spaces are small in size.
- These spaces have to serve the needs of all age groups and their activities.
- Cleverly designed elements including different activities in the same element/space is needed to be considered.
- These elements may include: football/basket-ball/volleyball/badminton posts, table tennis, fitness equipments and drawings on the ground/walls.
- Enough seating areas/ elements are needed to be available around the activity areas.
- The designs have to be complemented with green pockets.
- The use of colors and graphic elements in the elements of the spaces is prefered in order to clarify different activities which will also create colorful lively spaces and happier users.
- If shading is required, shading elements or trees may be used according to the needs and budget.

Multi-use space and elements

- Recommended materials: concrete, stone, steel and wood for the elements, concrete/concrete tiles, stone, epoxy flooring, epoxy stone flooring or rubber mulch to be used as flooring.

Elements of interest and activity on different spaces

Multi-user elements

Design Guidelines

logos, signs and informative/ wayfinding elements

- For the signs, the usage of resistent materials like steel/aluminum/stone are favored to prevent them from environmental conditions or vandalism.
- The logo chosen for all projects is needed to be adapted to each specific site.
- The adapted logo should be used in all the graphical designs of the site.
- If CNC cut metal is going to be used on an element, the updated logo suitable for CNC cutting is needed to be used.
- Using one single template to be protected with a glass panel or printed on waterproof material.
- Content should be clear and understandable in Arabic and English and accompanied with photos (if needed).
- The same font should be used for all informative/ wayfinding boards.
- Background should be
  a. yellow with 95 percent black or white elements above it,
  b. blue with white or yellow elements on top of it, and
  c. white with blue or yellow elements.
- The material to hold the panels should be light and made of metal.
- Panels should be fixed on the site opposite to vistas.

Combined versions of the project logo

Informative sign designs

Elements used in the spaces

- Only if explaining what can be seen from the specific spot may be installed which should point toward the view, horizontally in height and not more than 70cm.
- For outdoor warning signs, metal plates in red, yellow, or orange may be installed, which should follow the same design principles.
- For outdoor wayfinding signage, wooden plates are to be installed which should be of the same font as on the other plates. This sign should contain names.

Informative sign designs

Elements used in the spaces

Wayfinding sign

Informative signage on stone

Design Guidelines
lighting

- Specify improvements to the lighting system to ensure the public's safety, and to increase heritage appreciation, and to facilitate nighttime entertainment. This must include knowledge of the effects of night vision and functions of the eye: adaptation, glare, contrast and colour.
- LED lights should be used because of lower usage, costs, and efficiency.
- The LED lights should be 4000K (warm yellow color)
- Areas of landmarks should be well lit during the evenings to create a strong visual identity for the areas, thereby assisting in the revitalization as a neighborhood and a tourism destination.

Multi-purpose adjustable flood lights

Design Guidelines
shading

- Canopies for shade (baldachin) should be in white or beige (color of sand), with no strong colors
- The form should be simple
- Suitable material to be used: wood, plastic or cotton.
- Structure: wood, metal or iron.
- Shading for roof is to be flat or moving cotton.
- All shadings should follow a similar design.
- Some local materials may be applied as well.

Pergola

Baldachin

Elements used in the spaces
benches

Steel and wooden bench on concrete (without legs)

Concrete bench

Steel and wooden bench

Steel and wooden bench

Steel and wooden bench

Elements used in the spaces
picnic tables

Concrete picnic table

Steel and wooden picnic table

Steel and wooden picnic table

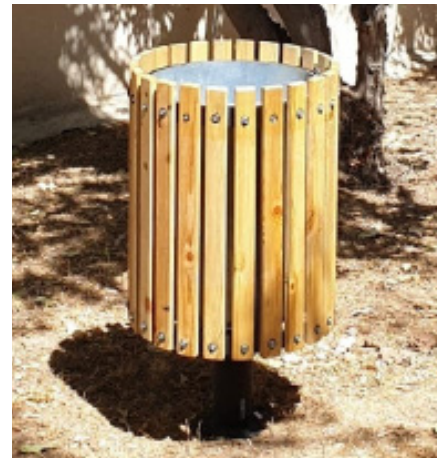
Steel and wooden picnic table

Elements used in the spaces
trash cans

Concrete trash can

Concrete and wooden trash can

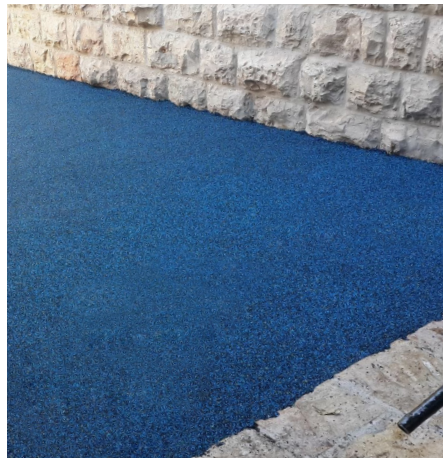
Steel and wooden trash can



Elements used in the spaces
water fountains

Concrete fountain

Elements used in the spaces
playground surface elements



Pour in place rubber playground surface

Modular rubber playground surface

Elements used in the spaces
playground play elements

Swing A

Swing C

Swing B

Swing D

Elements used in the spaces playground play elements

Swing E

Steel swing

Steel and plastic seesaw for 4

Steel and plastic seesaw for 2

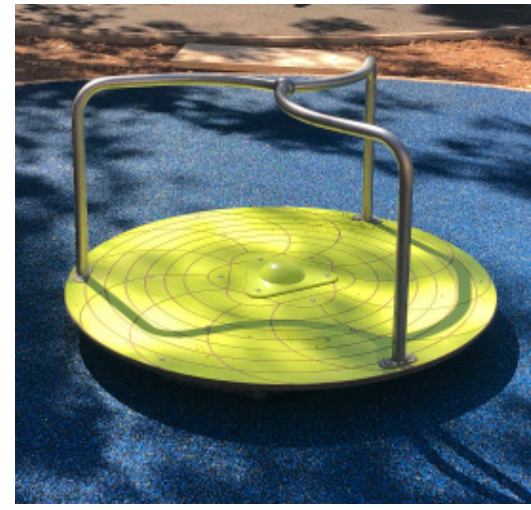
Elements used in the spaces
playground play elements

Steel and plastic seesaw for 4

Horse spring rider 2

Horse spring rider 1

Steel carousel 2



Elements used in the spaces
playground play elements

Steel and plastic slide

Steel carousel 3

Tic-tac-toe game

Elements used in the spaces
playground play elements

Steel carousel 1

Elements used in the spaces playground seating elements

Concrete table and benches for kids

Wooden table for kids

Steel and wooden picnic table for kids

Elements used in the spaces
sports equipments

Concrete and metal ping pong table

Equipment B (steel and rubber)

Equipment A (steel and rubber)

Equipment C (steel)

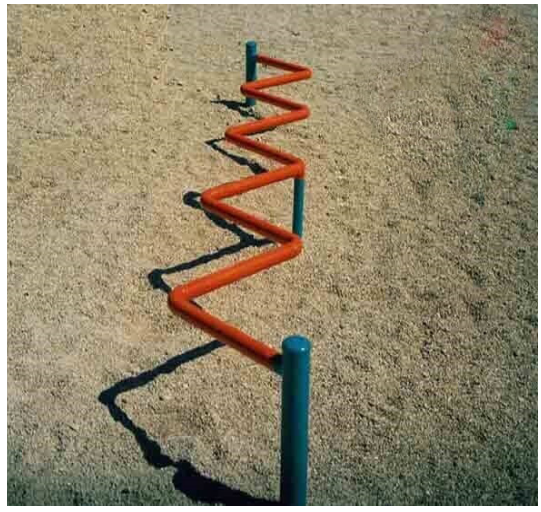
Elements used in the spaces
sports equipments

Equipment D (steel and rubber)

Equipment F (steel)

Equipment E (steel)

Equipment G (steel and rubber)



Elements used in the spaces
shading elements

Outdoor learning facilitiy (wood)

Waiting area (steel)

Shading pergola E (steel)

Elements used in the spaces
signs

Metal sign

House owner sign

Elements used in the spaces

graffiti

Urban graffiti

fences

Fence (blocks)

Fence (pattern blocks)

Elements used in the spaces
planters

Planter (wood)

Wood planter for herbal plants