REPUBLICA DEMOCRATICA DE TIMOR-LESTE
VIII GOVERNO CONSTITUCIONAL
UNITED NATION DEVELOPMENT PROGRAM
TIMOR-LESTE
MINISTRY OF JUSTICE
REFURBISHMENT & NEW CONSTRUCTION OF ADDITIONAL WOMEN PRISON BLOCK CELLS WITH WASH FACILITIES IN GLENO PRISON, ERMERA.

GENDER EQUALITY (HOPE) PROJECT
HUMAN RIGHTS - ORIENTED PRISON ENHANCEMENT FOR
**Republica Democràtica de Timor-Leste**

**VIII Government Constitutional**

**Use FIGURED DIMENSIONS IN PREFERENCE TO SCALE**

**All DIMENSIONS TO BE VERIFIED AND CHECKED ON SITE**

**ISSUE / AMENDMENT DATE**

**NO. INITIAL**

**Drawn by:**

**Checked by:**

**Approved by:**

**Drawing Title:**

**Scale:**

**UNITED NATION DEVELOPMENT PROGRAM**

**TIMOR LESTE**

**MINISTRY OF JUSTICE**

**HUMAN RIGHT - ORIENTED PRISON ENHANCEMENT FOR GENDER EQUALITY (HOPE)**

**GLENO PRISON, FATUQUERO, GLENO - ERMERA**

**Scale: NTS**

**LIST OF DRAWING CONTENT**

<table>
<thead>
<tr>
<th>REF</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>THE FLOOR PLAN</td>
</tr>
<tr>
<td>02</td>
<td>ELECTRICAL INSTALLATION PLAN</td>
</tr>
<tr>
<td>03</td>
<td>WATER SUPPLY Installation PLAN</td>
</tr>
<tr>
<td>04</td>
<td>MECHANICAL &amp; ELECTRICAL FLOOR PLAN</td>
</tr>
<tr>
<td>05</td>
<td>SECTION A</td>
</tr>
<tr>
<td>06</td>
<td>SECTION A</td>
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<tr>
<td>07</td>
<td>SECTION A</td>
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<td>SECTION C</td>
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<tr>
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<td>SECTION C</td>
</tr>
</tbody>
</table>

**Drawing Schedule**

Governmental Program: United Nation Development Program

Ministry of Justice

Architectural Drawing

Gender Equality (Hope) Project

Human Rights - Oriented Prison Enhancement for
Drawn by: Eusebio D.J. Martins
Checked by: 
Approved by: 

Site Plan

Plan and Plant Geometrical

REFURBISHMENT & NEW CONSTRUCTION OF ADDITIONAL WOMEN PRISON BLOCK CELLS WITH WASH FACILITIES IN GLENO PRISON, ERMERA.
PROJECT DETAILS

Scale: 1:125

FLOOR PLAN MAIN BUILDING

Building Title: GLENO PRISON, FATUQUERO, GLENO - ERMERA

Designed Supported by: UNDP

UNITED NATION DEVELOPMENT PROGRAM

MINISTRY OF JUSTICE

HUMAN RIGHT - ORIENTED PRISON ENHANCEMENT FOR GENDER EQUALITY ( HOPE )

Refurbishment & New Construction of Additional Women Prison Block Cells with Wash Facilities in GLENO PRISON, ERMERA.
NOTES

USE FIGURED DIMENSIONS IN PREFERENCE TO SCALE

ALL DIMENSIONS TO BE VERIFIED AND CHECKED ON SITE

ALL DIMENSIONS IN METER

ISSUE / AMENDMENT

DATE

INITIAL

Drawn by:

Checked by:

Approved by:

Drawing Title:

Scale:

Project:

Site:

Building Title:

Designed Supported by:

UNITED NATION DEVELOPMENT PROGRAM

REPUBLICA DEMOCRATICA DE TIMOR-LESTE

VIII GOVERNO CONSTITUCIONAL

1 : 100

ELEVATIONS

Elevation A

Scale: 1:125

Elevation B

Scale: 1:125

REFURBISHMENT & NEW CONSTRUCTION OF ADDITIONAL WOMEN PRISON BLOCK CELLS WITH WASH FACILITIES IN GLENO PRISON, ERMERA.

GLENO PRISON, FATUQUERO, GLENO - ERMERA.

GENDER EQUALITY (HOPE)

HUMAN RIGHT - ORIENTED PRISON ENHANCEMENT FOR
ELEVATION D

ELEVATION C
MINISTRY OF JUSTICE

PROJECT OWNER

Drawn by:
Eusebio D.J. Martins

Checked by:

Approved by:

Scale: 1:100

ELEVATION E

Scale: 1:100

ELEVATION F

PROJECT DETAILS

Drawing Title:

Scale:

Site:

Building Title:

Designed & Supported by:

UNITED NATION DEVELOPMENT PROGRAM
TIMOR LESTE

MINISTRY OF JUSTICE

REFURBISHMENT & NEW CONSTRUCTION OF ADDITIONAL WOMEN PRISON BLOCK CELLS WITH WASH FACILITIES IN GLENO PRISON, ERMERA.
New Extension of the Roof

Refurbishment of the Ceiling

Supply and installed Ready Slide Window

RC of Kitchen Bench

Demolish existing Finish Floor and Pour Color Concrete

Cement Finish Floor

Supply and install New Main Entrance Door of Prison Block

Roof Extension for Storage Room

New Toilet Block of the Prison Cells

Existing Roof

Drawn by: Eusebio D.J. Martins
Checked by: 
Approved by: 

Drawing Title: Scale: 1:100

SECTION D-D

SECTION C-C

Eusebio D.J. Martins
Consultant Engineer

UNITED NATION DEVELOPMENT PROGRAM
TIMOR LESTE

MINISTRY OF JUSTICE

HUMAN RIGHT - ORIENTED PRISON ENHANCEMENT FOR GENDER EQUALITY (HOPE)

GLENO PRISON, FATUQUERO, GLENO - ERMERA
Use figured dimensions in preference to scale.
All dimensions to be verified and checked on site.
All dimensions in meter.

Design: Eusebio D.J. Martins
Consultant Engineer

Section G

Section H

1.76
5.53
2.90
0.80
0.20
5.85
2.54
2.32
2.90

Light weight steel trusses
Channel "C" 75.40.0.75mm

Stone foundation with comp.
1PC : 4S
Ceiling Plan

REPUBLICA DEMOCRATICA DE TIMOR-LESTE
VIII GOVERNO CONSTITUCIONAL
MINISTRY OF JUSTICE
UNITED NATION DEVELOPMENT PROGRAM TIMOR LESTE
HUMAN RIGHT - ORIENTED PRISON ENHANCEMENT FOR GENDER EQUALITY (HOPE)
GLEN NO PRISON, FATUQUERO, GLENO - ERMERA

RENEWAL & NEW CONSTRUCTION OF ADDITIONAL WOMEN PRISON BLOCK CELLS WITH WASH FACILITIES IN GLENO PRISON, ERMERA.
DOORS, WINDOWS & VENTILATION PLAN

NEW
NEW GATE DOOR (NGD)
NEW DOOR (ND)
NEW WINDOW (NW)
NEW VENTILATION (NV)
RE-USE EXISTING DOOR (RED)
RE-USE EXISTING WINDOW (REW)
EXISTING DOOR (ED)
EXISTING WINDOW (EW)
EXISTING VENTILATION (EV)
REFURBISHMENT & NEW CONSTRUCTION OF ADDITIONAL WOMEN PRISON BLOCK CELLS WITH WASH FACILITIES IN GLENO PRISON, E RMERA.
Details Doors

NEW DOOR TYPE 1
CONSTRUCTION
NEW FRAME
WELDED GALVANIZED RHS STEEL 40MM X 80MMX1.5MM
LEAF
WELDED GALVANIZED RHS STEEL 50MM X 50MMX1.5MM & 16MM Ø STEEL BAR GRIDS
ACCESSORIES
SET HIGH QUALITY PADLOCK KEY & PAIR HINGES
UNIT
1 UNIT

NEW DOOR TYPE 2
CONSTRUCTION
NEW FRAME
WELDED GALVANIZED RHS STEEL 40MM X 80MMX1.5MM
LEAF
WELDED GALVANIZED RHS STEEL 50MM X 50MMX1.4MM & 16MM Ø STEEL BAR GRIDS
ACCESSORIES
SET HIGH QUALITY PADLOCK KEY & PAIR HINGES
UNIT
1 UNIT

NEW DOOR TYPE 3
CONSTRUCTION
1 UNIT  NEW & 1 UNIT RE-USED EXISTING DOOR FRAME
WELDED GALVANIZED RHS STEEL 40MM X 80MMX1.5MM
LEAF
WELDED GALVANIZED RHS STEEL 50MM X 50MM & 16MM Ø STEEL BAR GRIDS
ACCESSORIES
SET HIGH QUALITY PADLOCK KEY & PAIR HINGES
UNIT
2 UNIT

NEW DOOR TYPE 4
CONSTRUCTION
1 UNIT  NEW & 1 UNIT RE-USED EXISTING DOOR FRAME
WELDED GALVANIZED RHS STEEL 40MM X 80MMX1.5MM
LEAF
WELDED GALVANIZED RHS STEEL 50MM X 50MM & 16MM Ø STEEL BAR GRIDS
ACCESSORIES
SET HIGH QUALITY PADLOCK KEY & PAIR HINGES
UNIT
1 UNIT

NEW DOOR TYPE 5
CONSTRUCTION
NEW FRAME
TIMBER CLASS I & II (TEAKWOOD)
LEAF
TIMBER DOOR PANEL (TEAKWOOD) & WIREMESH WINDOW GRILL
ACCESSORIES
SET HIGH QUALITY PADLOCK KEY & PAIR HINGES
UNIT
1 UNIT

NEW DOOR TYPE 6
CONSTRUCTION
NEW FRAME
TIMBER CLASS I & II (TEAKWOOD)
LEAF
TIMBER DOOR PANEL (TEAKWOOD)
ACCESSORIES
SET KEY & PAIR HINGES
UNIT
1 UNIT

NEW DOOR TYPE 7
CONSTRUCTION
NEW FRAME
TIMBER CLASS I & II (TEAKWOOD)
LEAF
2X TIMBER DOOR PANEL (TEAKWOOD)
ACCESSORIES
SET KEY & PAIR HINGES
UNIT
1 UNIT

NEW GATE DOOR
CONSTRUCTION
NEW FRAME
WELDED GALVANIZED RHS STEEL 40MM X 80MM
LEAF
WELDED GALVANIZED RHS STEEL 50MM X 50MMX1.5MM & 16MM Ø STEEL BAR GRIDS
ACCESSORIES
SET HIGH QUALITY PADLOCK KEY & PAIR HINGES
UNIT
1 UNIT

NEW DOOR TYPE 8
CONSTRUCTION
NEW FRAME
WELDED GALVANIZED RHS STEEL 40MM X 80MM
LEAF
WELDED GALVANIZED RHS STEEL 50MM X 50MMX1.4MM & 16MM Ø STEEL BAR GRIDS
ACCESSORIES
SET KEY & PAIR HINGES
UNIT
1 UNIT

NEW DOOR TYPE 9
CONSTRUCTION
1 UNIT  NEW & 1 UNIT RE-USED EXISTING DOOR FRAME
WELDED GALVANIZED RHS STEEL 40MM X 80MM
LEAF
WELDED GALVANIZED RHS STEEL 50MM X 50MM & 16MM Ø STEEL BAR GRIDS
ACCESSORIES
SET HIGH QUALITY PADLOCK KEY & PAIR HINGES
UNIT
2 UNIT

NEW DOOR TYPE 10
CONSTRUCTION
1 UNIT  NEW & 1 UNIT RE-USED EXISTING DOOR FRAME
WELDED GALVANIZED RHS STEEL 40MM X 80MM
LEAF
WELDED GALVANIZED RHS STEEL 50MM X 50MM & 16MM Ø STEEL BAR GRIDS
ACCESSORIES
SET HIGH QUALITY PADLOCK KEY & PAIR HINGES
UNIT
1 UNIT
Details Windows & Ventilation

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**NEW VENTILATION TYPE 1**

**CONSTRUCTION**
- NEW FRAME
- WELDED GALVANIZED RHS STEEL 40MM X 80MM X 1.5
- LEAF
- WELDED 16MM Ø STEEL BAR GRID
- ACCESSORIES:
  - APPLY WELDED WIREMESH FACING OUTSIDE
- UNIT: 2

**NEW VENTILATION TYPE 2**

**CONSTRUCTION**
- NEW FRAME
- WELDED GALVANIZED RHS STEEL 40MM X 80MM
- LEAF
- WELDED 16MM Ø STEEL BAR GRID
- ACCESSORIES:
  - APPLY WELDED WIREMESH FACING OUTSIDE
- UNIT: 1

**NEW VENTILATION TYPE 3**

**CONSTRUCTION**
- NEW FRAME
- WELDED GALVANIZED STEEL PLATE 60MM X 6MM
- LEAF
- WELDED 16MM Ø STEEL BAR GRID
- ACCESSORIES:
  - N.A.
- UNIT: 14

**NEW WINDOWS TYPE 1**

**CONSTRUCTION**
- NEW FRAME
- WELDED GALVANIZED RHS STEEL 40MM X 80MM X 1.5
- LEAF
- WELDED 16MM Ø STEEL BAR GRID
- ACCESSORIES:
  - APPLY WELDED WIREMESH FACING OUTSIDE
- UNIT: 1

**NEW WINDOWS TYPE 2**

**CONSTRUCTION**
- NEW FRAME
- WELDED GALVANIZED RHS STEEL
- LEAF
- WELDED WITH 3MM THICK APPROVED WIREMESH
- ACCESSORIES:
  - N.A.
- UNIT: 2

**NEW WINDOWS TYPE 3**

**CONSTRUCTION**
- NEW FRAME
- TIMBER CLASS I & II (TEAKWOOD)
- LEAF
- INSTALLED APPROVED 3MM THICK WIREMESH
- ACCESSORIES:
  - N.A.
- UNIT: 1

**NEW WINDOWS TYPE 4**

**CONSTRUCTION**
- NEW FRAME
- SUPPLY & INSTALL LIGHT ALUMINUM STEEL (READY WINDOWS FRAMES AND SLIDE GLASS PANELS)
- LEAF
- ACCESSORIES:
  - INTERNAL SLIDE LOCK
- UNIT: 1

---

**Details Windows & Ventilation**

25
FURNITURE DETAILS

Top View

Front & Rear View

Side View

Cross Section

Longitudinal Section

Scale: 1:25

NOTES
REFURBISHMENT & NEW CONSTRUCTION OF ADDITIONAL WOMEN PRISON BLOCK CELLS WITH WASH FACILITIES IN GLENO PRISON, ERMERA.
Detail 1

 existing ground level

 approved all materials

 ½" dia. copper pipe, with ½" galvanized fitting

 Stainless steel faucet dia. 1 1/2"

 Stainless steel shower head with stop valves

 Hollow concrete block wall 39 x 19 x 9 cm

 Galvanized Plate deck roof

 60 cm x 60 cm Ceramic floor tile with rough surface for toilet finish floor

 Approved fill materials

 Masonry bundation works with

 with comp. 1pc:2s:3gr

 Plain concrete of toilet floor

 Masonry foundation works with comp. 1pc : 4s

 4" PVC pipe installed prior to cast floor concrete work

 Approved fill materials

 Existing ground level 0.00

 0.30

 0.45

 0.60

 0.12

 2.33

 1.98

 Ceramic tile finish

 Ceramic squat toilet bowl

 INA/Totto or subject to engineer approval

 2x45 elbow 4" PVC connection

 4" PVC pipe insulated prior to cast floor

 Plan concrete of toilet floor

 Plain concrete of toilet floor

 with comp. 1pc:2s:3gr

 Stainless steel drain with S" Type curve drain pipe and S" Pe

 Stainless steel drain pipe with "S" Pe

 Standard dimension or subject to engineer approval

 Hollow Concrete Block wall 38 x 19 cm x 9 cm

 Approved fill materials

 Plain concrete with comp. 1pc:2s:3gr

 Metal grid ventilation

 Stainless steel shower head with stop valves
REFURBISHMENT & NEW CONSTRUCTION OF ADDITIONAL WOMEN PRISON Block CELLS WITH WASH FACILITIES IN GLENO PRISON, ERMERA.
**RC Under ground water tank reservoir with comp. 1pc:2s:2gr**

**Water inlet Galvanized pipe dia. 50mm**

**8mm d.s. reinforcement steel rod**

**150mm thick course sand fill**

**200 mm thick of 20-50mm filled gravel**

**Existing top ground surface**

**4.50**

**0.13**

**0.13**

**0.74**

**0.50**

**2.50**

**0.08**

**0.13**

**50mm**

**3.40**

**8mm dia. reinforcement steel rod**

**200 mm thick of 20-50mm filled gravel**

**Existing top ground surface**

**4.50**

**0.13**

**0.13**

**0.74**

**0.50**

**2.50**

**0.08**

**0.13**

**50mm**

**3.40**
DETAIL 7

- **Light Weight Trusses Canal C**: 75x40x0.75
- PVC Ceiling: Rectangular Hollow Section Steel 40mmx40mm
- Roof Sheet: 0.42mm Colourbond Trimdek
- Ridge Cap: 0.42mm Zincalum Plate
- Tie Beam: 120x120
- 4xØ8mm self-drilled bolt
- Lower PVC Ceiling: 100mm wide gutter
- V type battens: 45x35x0.75mm @ 600

**NOTES**

- Use figured dimensions in preference to scale
- All dimensions to be verified and checked on site
- All dimensions in meter

**Drawn by**: Eusebio D.J. Martins
**Checked by**: [Name]
**Approved by**: [Name]
### Schedule of Reinforcement Steel Details

#### GB1
- **Section**: Ground Beam
- **Size**: 150 x 200
- **Top**: 2 D 12
- **Bottom**: 2 D 12
- **Middle**: N.A.
- **Design**: Ø 6 - 150
- **Note**: N.A.

#### GB2
- **Section**: Ground Beam
- **Size**: 100 x 120
- **Top**: 2 D 8
- **Bottom**: 2 D 8
- **Middle**: N.A.
- **Design**: Ø 6 - 150
- **Note**: N.A.

#### TB1
- **Section**: Tie/Top Beam
- **Size**: 120 x 260
- **Top**: 2 D 12
- **Bottom**: 2 D 12
- **Middle**: N.A.
- **Design**: Ø 6 - 150
- **Note**: N.A.

#### TB2
- **Section**: Tie/Top Beam
- **Size**: 120 x 120
- **Top**: 2 D 12
- **Bottom**: 2 D 12
- **Middle**: N.A.
- **Design**: Ø 6 - 150
- **Note**: N.A.

#### C1
- **Section**: C1
- **Size**: 150 x 150
- **Top**: 2 D 12
- **Bottom**: 2 D 12
- **Middle**: N.A.
- **Design**: Ø 6 - 150
- **Note**: N.A.

#### C2
- **Section**: C2
- **Size**: 100 x 120
- **Top**: 2 D 8
- **Bottom**: 2 D 8
- **Middle**: N.A.
- **Design**: Ø 6 - 150
- **Note**: N.A.
GLENO PRISON, ERMEKA
WOMEN PRISON BLOCK CELLS WITH WASH FACILITIES
REFURBISHMENT & NEW CONSTRUCTION OF ADDITIONAL
WHITE

MECHANICAL & ELECTRICAL DRAWING

GENDEL EQUAITY (HOP) PROJECT
HUMAN RIGHTS - ORIENTED PRISON ENHANCEMENT FOR
ELECTRICAL INSTALLATION PLAN

LEGEND:

<table>
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<th>SYMBOL</th>
<th>DESCRIPTION</th>
<th>UNITS</th>
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<tr>
<td>D</td>
<td>DISTRIBUTION PANEL BOARD</td>
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<tr>
<td>O</td>
<td>DOWNLIGHT PHILIPS 24 WATT</td>
<td>35</td>
</tr>
<tr>
<td>S</td>
<td>BROCO SINGLE SWITCH 1.5M FFL</td>
<td>4</td>
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<tr>
<td>D</td>
<td>BROCO DOUBLE SWITCH 1.5M FFL</td>
<td>10</td>
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<tr>
<td>O</td>
<td>BROCO OUTLET 1.2M FFL</td>
<td>5</td>
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<tr>
<td>S</td>
<td>SPOT LIGHT 500 WATT 3.5 AGL</td>
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REFURBISHMENT & NEW CONSTRUCTION OF ADDITIONAL WOMEN PRISON BLOCK CELLS WITH WASH FACILITIES IN GLENO PRISON, ERMERA.