United Nations Development Programme (UNDP)

UNDP Villa

Haddah area, Sana’a, Yemen

15. April. 2020
1. Dismantling the existing wash hand basin and modify the wooden cabinet under it.
2. Dismantling the existing gypsum board.
3. Dismantling the existing wooden door.
4. Dismantling the existing washstand basin mixer and install automatic wash hand.

Existing Wall catcher

Existing Gypsum board
1. Painting Work for Internal walls using epoxy material.
2. Painting Work for ceiling using epoxy material.
3. Painting for the stone.
4. Painting for the floor tiles.
5. Grouting for the wall tile.
Detail for wall and doors (D 1 and door D & 1D)2

Detail for wall 3

Symbols and Description:
- **Double fiber glass with 6 mm thickness of each layer.**
- **Aluminum tube section with size 8x4x1.5mm**
- **Aluminum L section with size 3x3cmx1.5mm**
- **Aluminum tube section for the door with size 6.5x6.5x1.5mm**
- **Double glass with thickness 6 mm of each layer**
- **6 cm insulation material Polystyrene**
**Location:** in front of UNCAF, Haddah area, Sana'a, Yemen

**Project:** UNDP Villa

**Drawing Title:** Detail wall, Wall 4 and Wall 5

**Date:** 15. April 2020

**Architectural**

**Paper Size:** A3

**Drawing No.:**

### Symbols and Description

- **Double fiber glass with 6 mm thickness of each layer.**
- **Aluminum tube section with size 8x4x1.5mm**
- **Aluminum L section with size 3x3cmx1.5mm**
- **Aluminum tube section for the door with size 6.5x6.5x1.5mm**
- **Double glass with thickness 6 mm of each layer**
- **6 cm insulation material Polystyrene**
Architectural Details

- **Wall 6**
  - Dimensions: 0.30 x 0.90 x 1.50
  - Details: Double fiber glass with 6 mm thickness of each layer,
    Aluminum tube section with size 8x4x1.5mm
    Aluminum L section with size 3x3cmx1.5mm
    Aluminum tube section for the door with size 6.5x6.5x1.5mm
    Double glass with thickness 6 mm of each layer
    6 cm insulation material Polystyrene

- **Wall 7**
  - Dimensions: 2.00 x 1.00
  - Details: ±0.00 +0.50 +1.40

- **Wall 8**
  - Dimensions: 1.00 x 2.00
  - Details: 15%

**Symbols and Description**

- Double fiber glass with 6 mm thickness of each layer.
- Aluminum tube section with size 8x4x1.5mm
- Aluminum L section with size 3x3cmx1.5mm
- Aluminum tube section for the door with size 6.5x6.5x1.5mm
- Double glass with thickness 6 mm of each layer
- 6 cm insulation material Polystyrene

**Drawing Information**

- **Project:** UNDP Villa
- **Location:** In front of UNCAF, Haddah area, Sana'a, Yemen
- **Drawing Title:** Detail Wall 6, Wall 7 and Wall 8
- **Date:** 15. April 2020
- **Drawing Type:** Architectural
- **Paper Size:** A3
- **Drawing No.:**
Triage Plans

Location: in front of UNCAF, Haddah area, Sana’a, Yemen

Date: 15. April 2020

Schedule of Windows

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Specification</th>
<th>Width</th>
<th>High</th>
<th>SWH</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>W1</td>
<td>Fixed polycarbonate window</td>
<td>2.30m</td>
<td>1.95m</td>
<td>0.90m</td>
<td>1</td>
</tr>
<tr>
<td>W2</td>
<td>Fixed polycarbonate window</td>
<td>1.30m</td>
<td>1.95m</td>
<td>0.90m</td>
<td>1</td>
</tr>
<tr>
<td>W3</td>
<td>Fixed polycarbonate window</td>
<td>2.20m</td>
<td>1.95m</td>
<td>0.90m</td>
<td>1</td>
</tr>
<tr>
<td>W4</td>
<td>Fixed polycarbonate window</td>
<td>1.50m</td>
<td>1.20m</td>
<td>0.80m</td>
<td>1</td>
</tr>
</tbody>
</table>

Schedule of Doors

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Specification</th>
<th>Width</th>
<th>High</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>D1</td>
<td>Swing aluminum door</td>
<td>0.85m</td>
<td>2.0m</td>
<td>2</td>
</tr>
</tbody>
</table>

Symbols

- Double fiber glass with 6 mm thickness of each layer.
- Aluminum tube section with size 80x40x1.5mm thickness for the roof.
- Aluminum L section for the door with size 6.5x6.5x1.5mm thickness.
- Aluminum tube section for the ring beam to be fixed in the wall and staircase ceiling each 20 cm.
- Fixed polycarbonate window with 10 mm thickness.
- 6 cm insulation material Polystyrene.
- Double glass with thickness of each layer.
- Polycarbonate with 10 mm thickness.
fiberglass wall with 6 mm thickness both sides 12mm with 8 cm overall thickness. Aluminum tube section with 6x6x1.5mm as outer frame and 6 cm insulation material Polystyrene

Aluminum tube section 60x60x1.5mm thickness

Polycarbonate 10mm thickness with tube section 80x40x1.5mm to be distributed each 1m

SECTION A-A

SECTION B-B

Aluminum tube section 80x40x1.5mm thickness

Aluminum tube section 80x40x1.5mm thickness

Aluminum tube section 80x40x1.5mm thickness

Polycarbonate 10mm thickness

Aluminum tube section 80x40x1.5mm thickness

polycarbonate 10mm thickness
LIGHTING PROTECTION SYSTEM

- Lightning Arrestor Pole
- CRIMP LOCTITE TERMINAL CONNECTOR
- 1.2 Meters Stainless Steel
- Electrical Conductor
- Bonding Clamp to Copper Tape
- U/G 25x3mm Bar
- Copper Tape
- Bonded to Ground Beams & Bars
- 2.30 x 2.53 x 1.52 x 1.50 x 1.45 x 1.80
- PVC Down Copper Sheathed
- Bonding Clamp to Copper Tape
- Earth Infiltration
- 19.00

Project: UNDP Villa
Location: UnCAF, Haddah area, Sana'a, Yemen
Drawing Title: LIGHTING PROTECTION GROUND FLOOR
Date: 15. April 2020
Paper Size: A3

United Nations Development Programme (UNDP)
Location: in front of UNCAF, Haddah area, Sana'a, Yemen

Project: UNDP Villa

Drawing Title: ELECTRICAL PANELS

Date: 15. April 2020

Drawing Type: ELECTRICAL

Paper Size: A3

United Nations Development Programme (UNDP)

Drawing No.
EARTH PIT - DETAIL(1)

EARTHING BUSBAR

LOCATION:
in front of UNCAF, Haddah area,
UNDP Villa

PROJECT:
United Nations Development Programme (UNDP)

DATE:
15. April 2020

DRAWING TYPE:
ELECTRICAL

PAPER SIZE:
A3