SETTING OUT DATA
### IMILINY SITE ACCESS ROAD

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ABSORPTION FIELDS PLAN AND PROFILE
ACCOMMODATION
BLOCK - 03 No.
FINISHES SCHEDULE

1.0 FLOOR:
1.1 Polished Terrazzo finish
1.2 Insitu concrete troweled smooth with cement
1.3 Cement and sand screed troweled smooth with pigment and hardener
1.4 Insitu concrete mechanically floated smooth with cement and an approved hardener.

2.0 SKIRTING:
2.1 100mm high Terrazzo skirting
2.2 100mm high Cement-sand skirting
2.3 100mm high hardwood timber skirting

3.0 WALL FINISH:
3.1 25 mm thick Smooth Plaster finished with one coat Plaster Primer and 3 coats Silk Vinyl approved Paint
3.2 Ceramic wall tiles up to 2100mm height on approved waterproof grout

4.0 CEILING:
4.1 Gypsum plaster board ceiling with vinyl finish
4.2 Sadomatt ceiling paint on 12mm thick plastered metal lathe ceiling
ELEVATION 03
SCALE 1:75

ELEVATION 04
SCALE 1:75
### Door Schedule

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<tr>
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<th>Elevation</th>
<th>Plan</th>
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<td>D2PVC</td>
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<td><img src="image3.png" alt="Elevation Image" /></td>
<td><img src="image4.png" alt="Plan Image" /></td>
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**Remarks:**
- Steel casement doors complete with glazing & burglar proofing.
- Solid core flush door on purpose made metallic door frames with 25mm rebate.

### Window Schedule

<table>
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<tr>
<th>Location</th>
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<td>Rooms</td>
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**Remarks:**
- Standard steel casement side hung window with fixed middle pane and burglar proofing. (Sill height 900mm)
**SECTION A-A (refer to drawing No. A101)**

**SCALE 1:50**

**ROOF NOTES:**
- 22.5 Roof Pitch of
- 26 gauge IT4 Roofing Sheets, on
- Steel trusses to Structural Engineers detail

**CEILING:**
- Expanded metal lathe ceiling
- suspended on 75x50mm timber joist spaced at 600x600mm c/c

**150x300mm R.C Ring beam**
- to Structural Engineers detail

**MS gutter to M.E's specification**
- fixed to 225x25mm S.W fascia board

- Plastered internal wall surfaces
- finished with 3 coats of silk vinyl emulsion paint
- to approved colour

**200x250mm R.C Ground beam**
- boxed into the existing rock bed to Structural Engineers detail

**FOUNDATION NOTES:**
- Cement Screed Floor finish on.
- 150mm thick Grade C25 Reinforced
- concrete slab with T10mm @200mm both
- ways with BRC mesh A142 on,
- Gauge 1000mm visqueen or similar gauge
dpm on,
- 50mm Concrete blinding Grade 15 on,
- Well leveled existing rock bed,
WARDROBE ELEVATION AND SECTION DETAILS

Imiliny Ranger Post (KVNP) - Accommodation Block

**Front Elevation**
- 20mm dia. stainless steel hanging rail
- Stainless steel pull handle
- 25mm dia plastic vents
- 75x75 mm recessed stainless steel handles

**Internal Elevation**
- Block board drawers
- Vertical glass sliding doors
- 25mm dia stainless steel hanging rail

**Section C-C**
- Vertical glass sliding doors
- Block board drawers
- 25mm dia stainless steel hanging rail

**Section G-G**
- Vertical glass sliding doors
- Block board drawers
- 25mm dia stainless steel hanging rail

**Section H-H**
- Vertical glass sliding doors
- Block board drawers
- 25mm dia stainless steel hanging rail
1. The shutters are omitted as requested by UWA.
2. A 75mm thick concrete slab (1:2:4 mix) with BRC mesh A142 provided.
GROUND BEAM LAYOUT

GROUND BEAM 01 [200x250]

GROUND BEAM 02 [200x250]

GROUND BEAM 03 [200x250]

GROUND BEAM 04 [200x250]

GROUND BEAM 05 [200x250]

PLAN DETAIL FOR CORNER

SCALE 1:20
GROUND BEAM O1 (200X250) — ELEVATION DETAILS 2No. {Part}

GROUND BEAM O1 (200X250) — ELEVATION DETAILS 2No. {Continued}

GROUND BEAM O2&O3 (200X250) — ELEVATION DETAILS 3No.

SECTION 1.1 & 2.1

SECTION 2.2

PLAN DETAIL FOR CORNER
ROOF STRUCTURAL NOTES:

- ROOF PITCH: 22.5°
- TOP CHORD: 50X50X3 SHS, 5.44 kg/m
- BOTTOM CHORD: 50X50X3 SHS, 5.44 kg/m
- TIES/STRUTS: 40X40X3 SHS, 3.41 kg/m
- Z-PURLINS: 150X50X2, 3.54 kg/m
ROOF TRUSS T1-6No.

50X50X3 STEEL SHEET
TIE (GRADE S275)

6mm FILLET WELD

150X50X2 Z-PURLIN
BOLTED WITH 2No. Ø8
HD (GRADE 8.8) BOLTS

4mm MS GUSSSET
PLATE (GRADE S275)

40X40X3 MS ANGLE
WELDED TO RAFTER
(GRADE S275)

50X50X3 STEEL SHEET
RAFTER (GRADE S275)

50X50X3 STEEL SHEET
TIE (GRADE S275)

150X150X6 MS BASE
PLATE (GRADE S275)

100X4mm CHS

DETAIL 'A'
SCALE 1:10

DETAIL 'B'
SCALE 1:10

WELDED TO RAFTER
(GRADE S275)

K2 Z-PURLIN
WITH 2No.
(GRADE 8.8)

3 STEEL SHEET
ON (GRADE

6HD (GRADE
LTS 350 LG

150P LPL

CONSULTANT:
FUNDER:
CLIENT:
PROJECT NAME:
ACTIVITY NAME:
DRAWING DESCRIPTION:

USAID / Uganda Architect & Engineering Design and Construction Management Consulting Services
Infrastructure for Biodiversity Conservation in Kidepo Valley NP
Imiliny Ranger Post (KVNP) Accommodation Block
ROOF TRUSS DETAILS

REV. No.
DATE
DESCRIPTION OF REVISION
BY

DIRECTOR'S SEAL
DATE
PAPER
STATUS
DRAWN BY
APPROVED BY
DESIGNED BY
CHECKED BY

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IMILINY RP

3530, Kampala,
Uganda
Tel +256-41-355114, 355111, 355118
LEGEND

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<tr>
<th>SYMBOL</th>
<th>DESCRIPTION</th>
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<tbody>
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<tr>
<td>🔩</td>
<td>1 Gang 2way switch.</td>
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<tr>
<td>🔩</td>
<td>1 Gang 1way switch.</td>
</tr>
<tr>
<td>⚠️</td>
<td>2 Gang 1way switch.</td>
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<tr>
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<td>Consumer Unit</td>
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ELECTRICAL LAYOUT

SCALE 1:75
ELECTRICAL SCHEMATICS LAYOUT

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**100A, 6-WAY SPN MCB SOLAR BOARD. CU1 FOR SEMI-RECESSED FOR THEATRE BLOCK**

1. **WIRED BY 3X1.5mm²**
   - Sc PVC-1 COPPER CABLES
   - 6A mcb

2. **Lamps**
   - CIRCUIT 1 [Internal lights]
   - 6A mcb

3. **Lamps**
   - CIRCUIT 2 [Internal lights]
   - 6A mcb

4. **Lamps**
   - CIRCUIT 3 [Internal lights]
   - 6A mcb

5. **Lamps**
   - CIRCUIT 4 [Internal lights]
   - 6A mcb

6. **Spare**

---

**2.01kWp, 9x330, 24V**
- Monocrystalline PV Modules

---

**480Ah Battery Bank**
- (6No x 80Ah, 12V)

---

**24V DC Over Voltage Protection Device**
- 60A DC Disconnect

---

**1600VA, 12V Hybrid inverter**

---

**Wired by 2x10sq.mm**
- PVC/SWA/PVC copper cables

---

**Wired by 2x10sq.mm**
- PVC/SWA/PVC copper cables

---

**From Main Distribution Board**

---

**Surge Diversion**

---

**Earthing**

---

**AC IN**

---

**Wired by 3x10mm²**
- PVC/SWA/PVC copper cables

---

**Wired by 3x10mm²**
- PVC/SWA/PVC copper cables

---

**Wired by 3x10mm²**
- PVC/SWA/PVC copper cables

---

**SEMI-RECESSED FOR THEATRE BLOCK**
**SYMBOL** | **DESCRIPTION**
---|---
AT | Air Terminal
DC | Down Conductor
MH | Earthing Manhole
- | Copper Tape
EE | Electrical Earth

**EARTHING LAYOUT**

**EARTHING DETAIL**

**DRAWING DESCRIPTION:**
Imiliny Ranger Post (KVNP), Accommodation Block
Earth Electrode
Earthing Manhole
300x300x300mm
Internal dimensions

**SCALE:** 1:75

**SCALE:** NTS