Trench Latrines Block
Isometric view
General Plan
1:50

Trench Latrines Block
Plans

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Trench Latrines Block
Elevation Views
Trench Latrines Block
Isometric views

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Isometric Below View
1:100

Trench Latrines Block
Isometric views

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Panel List
Trench Latrine Block - TL

<table>
<thead>
<tr>
<th>Panel reference code</th>
<th>Number required</th>
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<tbody>
<tr>
<td>TL 41</td>
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<td>TL 51</td>
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<tr>
<td>TL 52</td>
<td>2</td>
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<tr>
<td>TL 53</td>
<td>1</td>
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<td>TL 54</td>
<td>3</td>
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<tr>
<td>TL 55</td>
<td>1</td>
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<td>TL 61</td>
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<tr>
<td>TL 62</td>
<td>1</td>
</tr>
<tr>
<td>TL 63</td>
<td>1</td>
</tr>
<tr>
<td>TL 64</td>
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</tr>
<tr>
<td>TL 71</td>
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<tr>
<td>TL 72</td>
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<td>TL 73</td>
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Plank List
Trench Latrine Block - TL

<table>
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<th>Length (mm)</th>
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<td>TL P01</td>
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<td>120</td>
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<td>TL P02</td>
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<td>TL P03</td>
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<td>TL P04</td>
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<td>2575</td>
<td>7</td>
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<td>TL P05</td>
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<td>18</td>
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<td>TL P06</td>
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<td>TL P07</td>
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<td>820</td>
<td>2</td>
<td>Stairs</td>
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<td>TL P08</td>
<td>25x200</td>
<td>1050</td>
<td>2</td>
<td>Stairs</td>
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<td>TL P09</td>
<td>50x100</td>
<td>2000</td>
<td>2</td>
<td>Cubicle frame</td>
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<td>TL P10</td>
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<td>Cubicle frame</td>
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<td>TL P11</td>
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<td>Ramp</td>
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<tr>
<td>TL P12</td>
<td>50x50</td>
<td>Refer to ramp elevation</td>
<td>6</td>
<td>Handrail</td>
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<td>TL P13</td>
<td>50x100</td>
<td>2250</td>
<td></td>
<td>Roof</td>
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</table>
International Federation of Red Cross and Red Crescent Societies

MHM Friendly and Accessible WASH for Emergencies
Manual for Template Designs

Ramp Frames
Timber 50x100mm - 1:50

Platform Frames
Timber 50x100mm - 1:50

Ramp Floor Boards
Timber 25x200mm - 1:50

Platform Floor Boards
Timber 25x200mm - 1:50

Trench Latrines Block
Details

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Cubicle Panels
Timber 50x100mm - 1:50

Trench Latrines Block
Details

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Platform Screen Panels
Timber 50x50mm - 1:50

Roof Panels
Timber 50x50mm - 1:50

Doors
Timber 50x50mm

Trench Latrines Block
Details
Step 1:
PLATFORM
- To accommodate the structure and a surround clearance of 1m for construction, a total area of **6.5m x 9m** to be cleared and perfectly levelled.

- Clear area of **7.5m x 9m** if timber propping required. Refer to Appendix B.1 Component Details

Step 2:
TRENCH
- Dig **2m deep** trench with dimensions of **0.9m wide** and **4.8m long**.

Trench Latrines Block
Step by step

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**Step 3:**

**TRENCH**

- Install vertical timber planks (TL_P01) around the perimeter.

- Install 4x wooden planks (2x TL_P02 and 2x TL_P03) on the inside to create a box.

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**Step 4:**

**PLATFORM**

- Install a 0.3m build up of soil for a 4.45m x 5.15m compacted and level raised area. Angle of compacted soil around edge must not exceed 45 degrees. Allow for a minimum dimension of 0.2m level soil around the perimeter of the trench.
Step 5:
PLATFORM
- Install ground planks 4x TL_P04 and 9x TL_P05 over trench and screw in place.

Step 6:
PLATFORM
- Install remainder of ground planks (9x TL_P05, 3x TL_P04 and 5x TL_P06) with wooden screws.

Trench Latrines Block
Step by step

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**Step 7:**
RAMP & STAIRS
- Install panel **TL_41** for the ramp and bolt into place.
- Install 2x **TL_P07** for the side planks for the stairs with wooden screws.

**Step 8:**
TIMBER DECKING
- Install **timber decking planks** across all of the ramp and the raised platform with nails leaving gaps for latrine holes.
- Install 2x **TL_P08** wooden planks for the stairs with wooden screws.

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**Trench Latrines Block**
Step by step

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Step 9:
LATRINE SLABS
- Place 3x latrine slabs in each location and bolt into place with fixing bolts provided.

Step 10:
CUBICLE PANELS
- Install cubicle panels (2x TL_51, 2x TL_52, 1x TL_53, 3x TL_54, and 1x TL_55) as reference tags indicate starting at the rear of the platform and working forwards. Bolt panels together.

Trench Latrines Block
Step by step

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**Step 11:**
CUBICLE PANELS
- Install planks 2x TL_P09 to the back face of the Bathing Block and 1x TL_P10 on the inside of the largest cubicle as shown. Fix with wood screws.

**Step 12:**
SCREEN PANELS
- Install referenced screen panels (1x TL_61, 1x TL_62, 1x TL_63 and 1x TL_64) around the perimeter of the raised platform as shown. Bolt panels together.

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**Trench Latrines Block**
Step by step

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**Step 13:**
**RAILINGS**

- Install 10x TL_P11 vertical handrail posts as shown.

- Install handrail (TL_P12) around perimeter of the ramp and the stairs at 600 and 900mm heights from walking surface. Fix with wood screws.

**Step 14:**
**ROOF**

- Install 6x horizontal timber TL_P13 roof supports on top of the cubicles and screw in place.

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**Trench Latrines Block**

Step by step

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Step 15:
ROOF
- Install 2x TL_71 roof panels to top of the cubicles bolting together.

Step 16:
PLASTIC SHEETING
- Install cubicle doors x2 TL_72 and 1x TL_73
- Install plastic sheeting with domed head nails around cubicles, screens and roof panels.
- Install equipment as detailed in cubicle plans.

Trench Latrines Block
Step by step

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WASH Components and Accessories:

1:20

Self-Supporting Plastic Latrine Slab
1200x 800mm
Evenplate product

Butyloo Shower Plate
1200x 800mm
Butyl

Shower Seat

Washing Board
Stainless steel and wood frame
350x240 mm

Disposal System
for Trench Latrine and Bathing Blocks

Disposal System
for Raised Latrine

Shelf
800x200 mm

Shelf
For Accessible Bathing cubicles
800x200 mm

Wooden Grab Rails
and Door Handles
500x50x20 mm

Details
WASH Components and Accessories

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Details
WASH Components and Accessories

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