



6/24/2024



All Dimensions in drawing in meter otherwise as specified in drawing

MEDAIR

each life matters

PROJECT NAME:

Rehabilitation of Ras Abbaas IDPs camp
Boriga district - Aden governorate

DRAWING TITLE:

Site Plan

DESIGNED BY:

ENG. NABIL CHALEB

CHECKED BY:

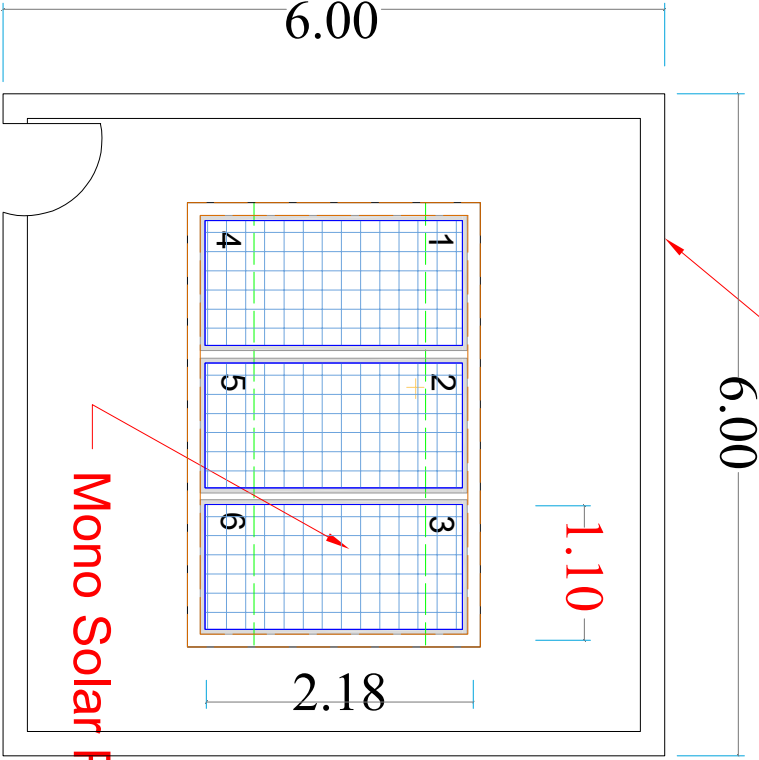
ADEN WASH TEAM

DRAWING NO.: (1)

SCALE:

DATE: 2023

Protection Fence Wall



Mono Solar Panel

GENERAL PV ARRAY SITE DETAIL PLAN

All Dimensions in drawing in meter otherwise as specified in drawing

MEDAIR

each life matters

PROJECT NAME:

Rehabilitation of Ras Abbas IDPs camp
Alboriga District -Aden Governorate

DRAWING TITLE:

General PV Array
Site Plan

DESIGNED BY:

WASH Team

CHECKED BY:

WASH TEAM

DRAWING NO: (2)

SCALE:

DATE: 2023

Technical drawing of a PV mounting structure, showing a side elevation and a cross-section.

Side Elevation:

- Structure:** L STEEL of mounting structure.
- Column:** A-1 Column 1000x50mm.
- Footing:** Footing 50*50*50cm.
- Panel:** Solar panel (110*218cm).
- Angle:** 12° Tilt Angle.
- Dimensions:** 0.6m (height of mounting structure), 1.40m (length of panel), 1.56m (height of column).
- Labels:** From PV panels string, To pump, Ground level, HDPE Pipe, PV Fixing Plate.

Cross-Section (S-(c-c)):

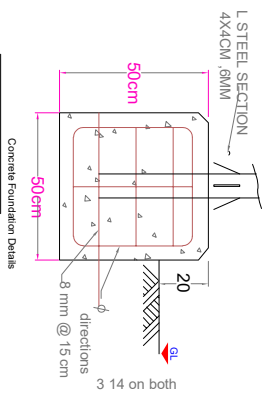
- Structure:** L STEEL SECTION 4x4CM (8MM).
- Foundation:** Concrete Foundation Details.
- Reinforcement:** 8 mm @ 15 cm, 3 14 on both.
- Dimensions:** 50cm (width of foundation), 20mm (gap between steel and concrete).

Technical drawing of a solar panel mounting structure, showing side and top views with dimensions and labels.

Side View Labels and Dimensions:

- From PV panels string:** Label pointing to the solar panel assembly.
- Solar panel (110*218cm):** Label for the solar panel.
- 1.40:** Dimension indicating the height of the mounting structure.
- 12° Tilt Angle:** Dimension indicating the tilt angle of the solar panel.
- L STEEL of mounting structure:** Label for the L-shaped steel beam.
- 0.6:** Dimension indicating the horizontal distance from the wall to the end of the L-steel beam.
- HDPE Pipe:** Label for the pipe used for the string.
- Ground level:** Label for the ground level.
- To pump:** Label indicating the direction of the string.
- Footing 50*50*50cm Foundation:** Label for the foundation.
- PV Fixing Plate:** Label for the plate used to fix the solar panel.
- A-1 Column 100x50mm:** Label for the column used for the mounting structure.
- 1.56:** Dimension indicating the horizontal distance from the wall to the end of the A-1 column.

Top View: A small diagram showing the layout of the structure on the ground, including the footing and the A-1 column.



SEC-C: C

MEDAIR
each life matters

Rehabilitation of Ras Abbas IDPs camp Alboriga District -Aden Governorate

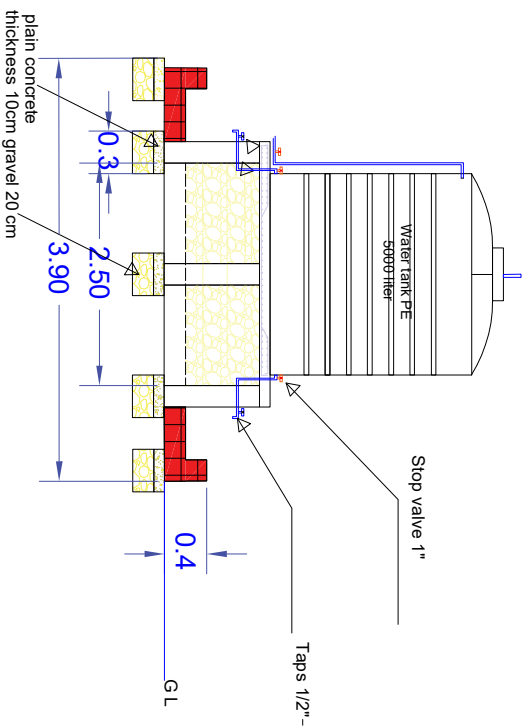
Steel Structure Section Detail

WASH Team

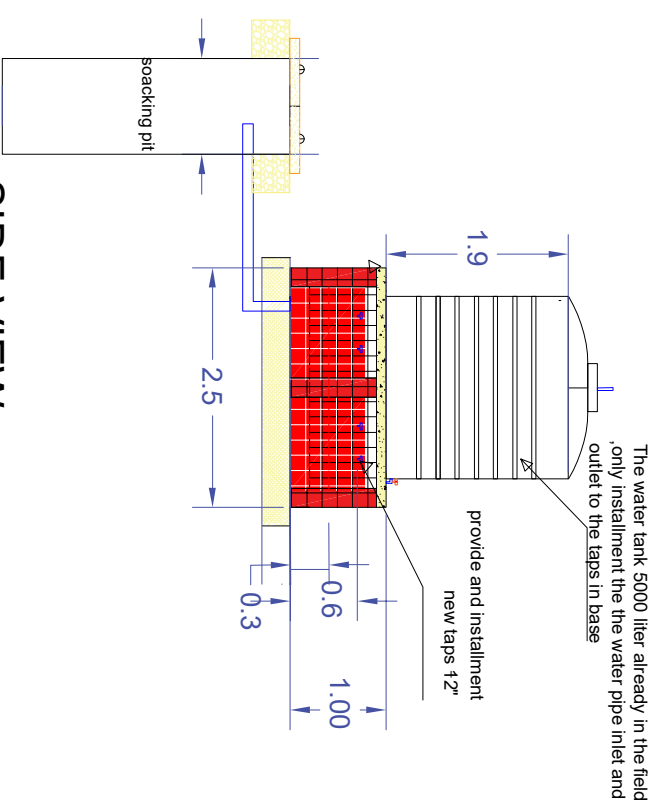
DRAWING NO.: (3)

WASH TEAM

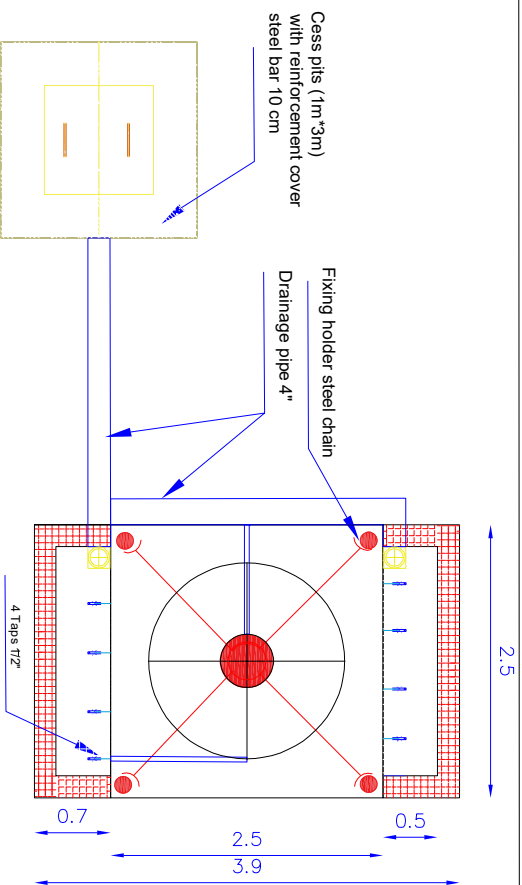
2023



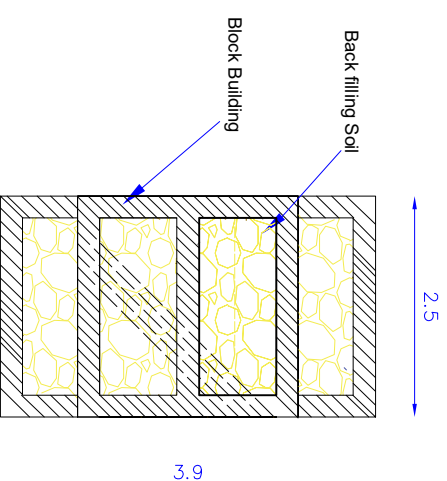
VERTICAL VIEW



SIDE VIEW



TOP VIEW



Horizontal Section

All Dimensions in drawing in meter otherwise as specified in drawing

MEDAIR

each life matters

PROJECT NAME :

Construction water system in Ras Abaas IDPs camp

-ALBurida district -Aden Governorate - YEM 134

DRAWING TITLE:

Water point detail plan

5000 liter

DESIGNED BY:

DRAWING NO: (4)

SCALE:

CHECKED BY :

ADEN WASH TEAM

DATE 28- 12-2023

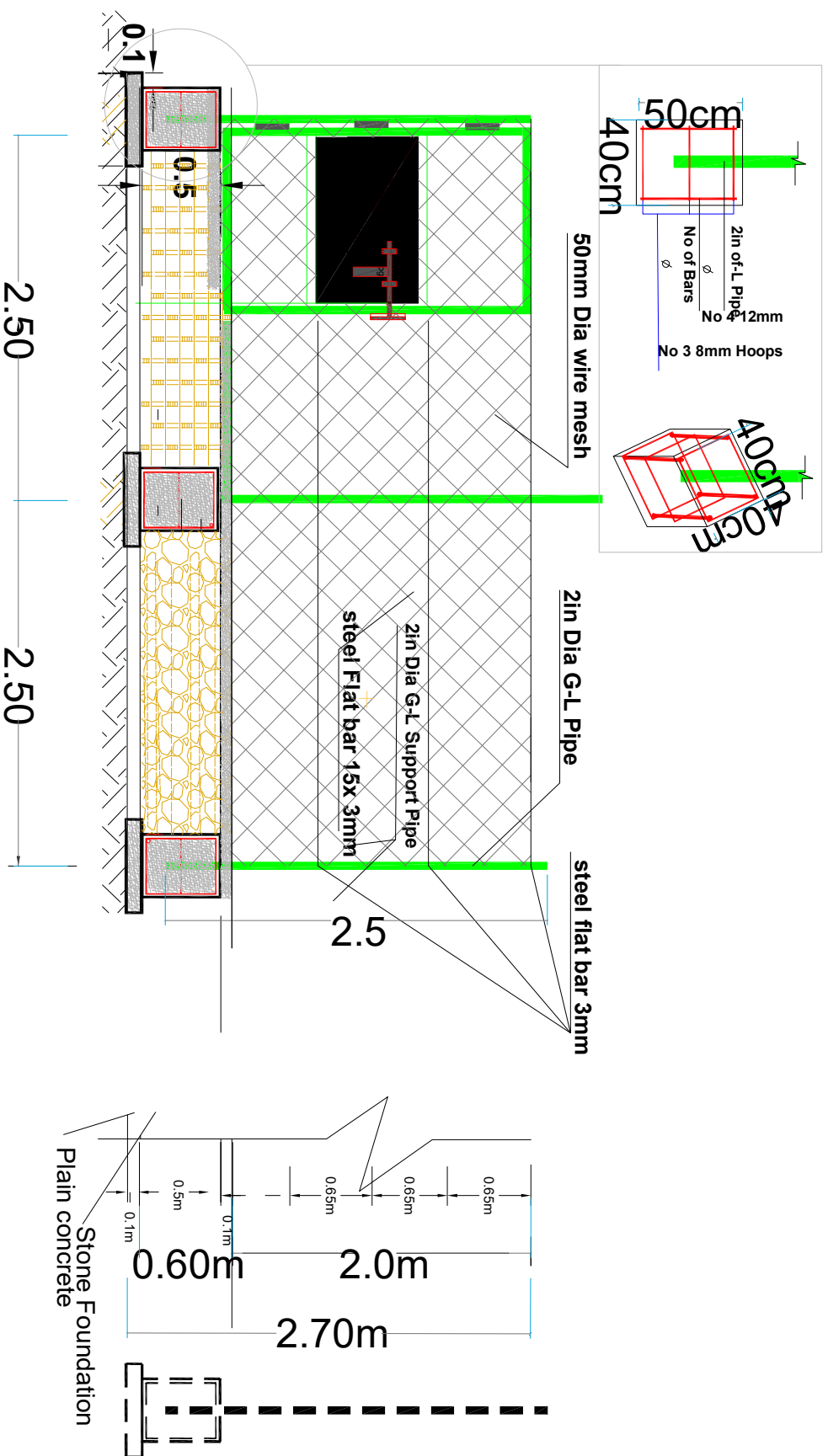
MEDAIR
each life matters

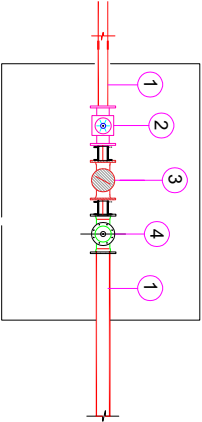
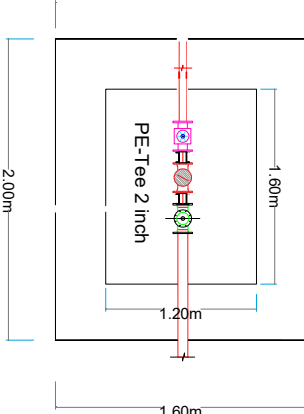
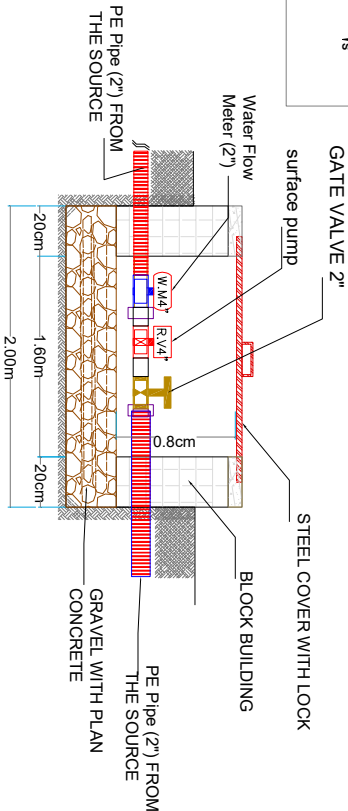
PROJECT NAME:
Rehabilitation of Ras Abbas IDPs camp-
Alburiqa district-Aden Governorate

DRAWING TITLE:
Protection Fence Wall

<u>DESIGNED BY:</u> WASH Team	<u>CHECKED BY:</u> WASH TEAM
----------------------------------	---------------------------------

DRAWING NO: (5)
SCALE:
DATE: 2023





CHAMBER1	
	Description
1	PE Pipe (2")
2	Water Flow Meter (2")
3	Non -Return Valve (2")
4	Gate Valve (2")

MAIN VALVES INSPECTION CHAMBER

All Dimensions in drawing in meter otherwise as specified in drawing

MEDAIR

each life matters

PROJECT NAME:

Rehabilitation of Ras Abaas IDPs camp

Borjia district - Aden governorate

DRAWING TITLE:

INSPECTION CHAMBER1 DETAIL PLAN

DESIGNED BY:

ENG. NABIL CHALEB

CHECKED BY:

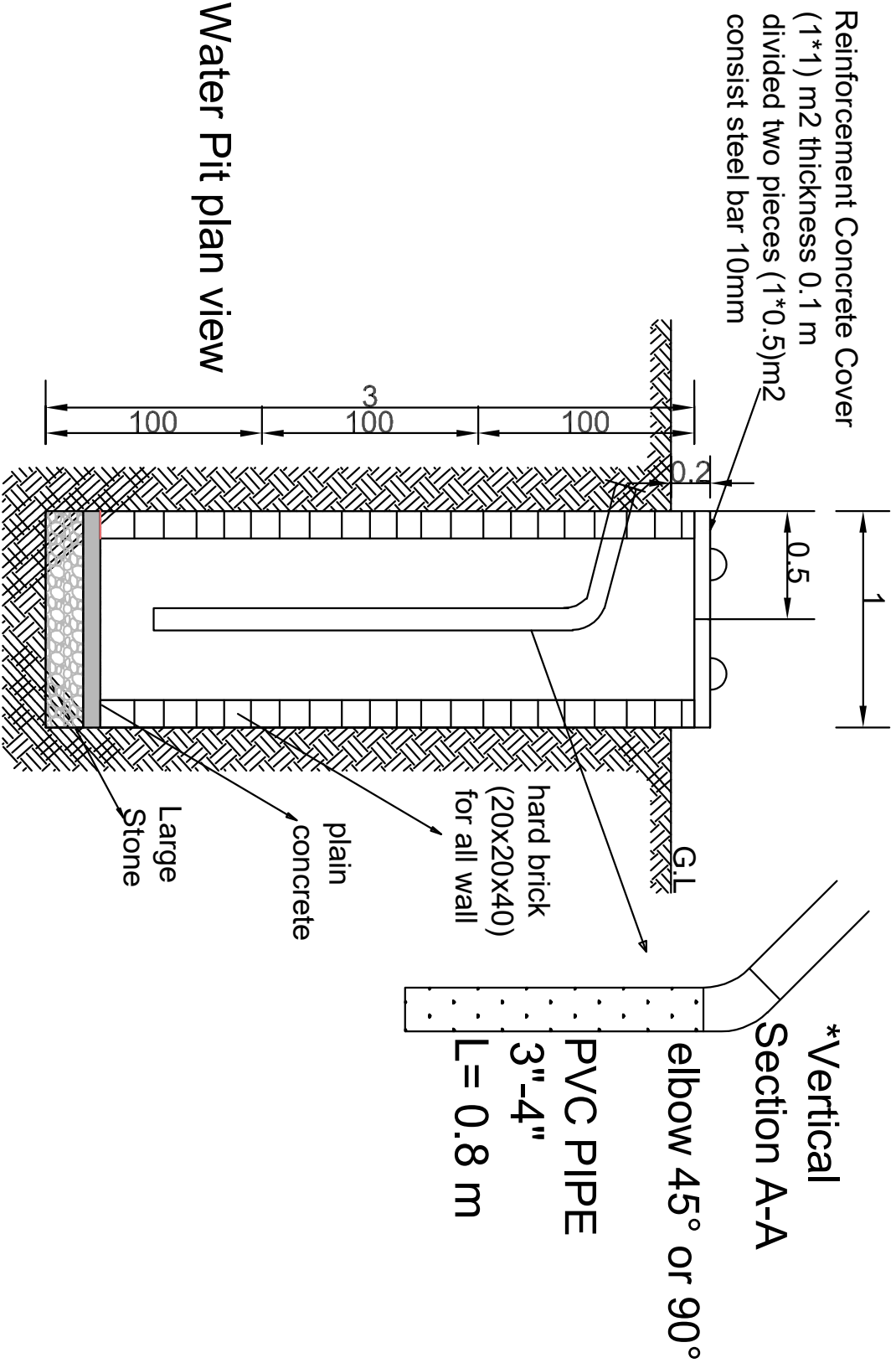
ADEN WASH TEAM

DRAWING NO.:

(6)

SCALE:

DATE:



All Dimensions in drawing in meter otherwise as specified in drawing

MEDAIR

each life matters

PROJECT NAME:

Rehabilitation of Ras Abbaas IDPs camp
Al Boriga district - Aden governorate

DRAWING TITLE:

Cess pit of WP 1*3m3

DESIGNED BY:

ENG. NABIL GHALEB

CHECKED BY:

ADEN WASH TEAM

DRAWING NO: (7)

SCALE:

DATE:

