

PLAN FOR NEW MEDAIR INTERVENTION IN COMMUNITY

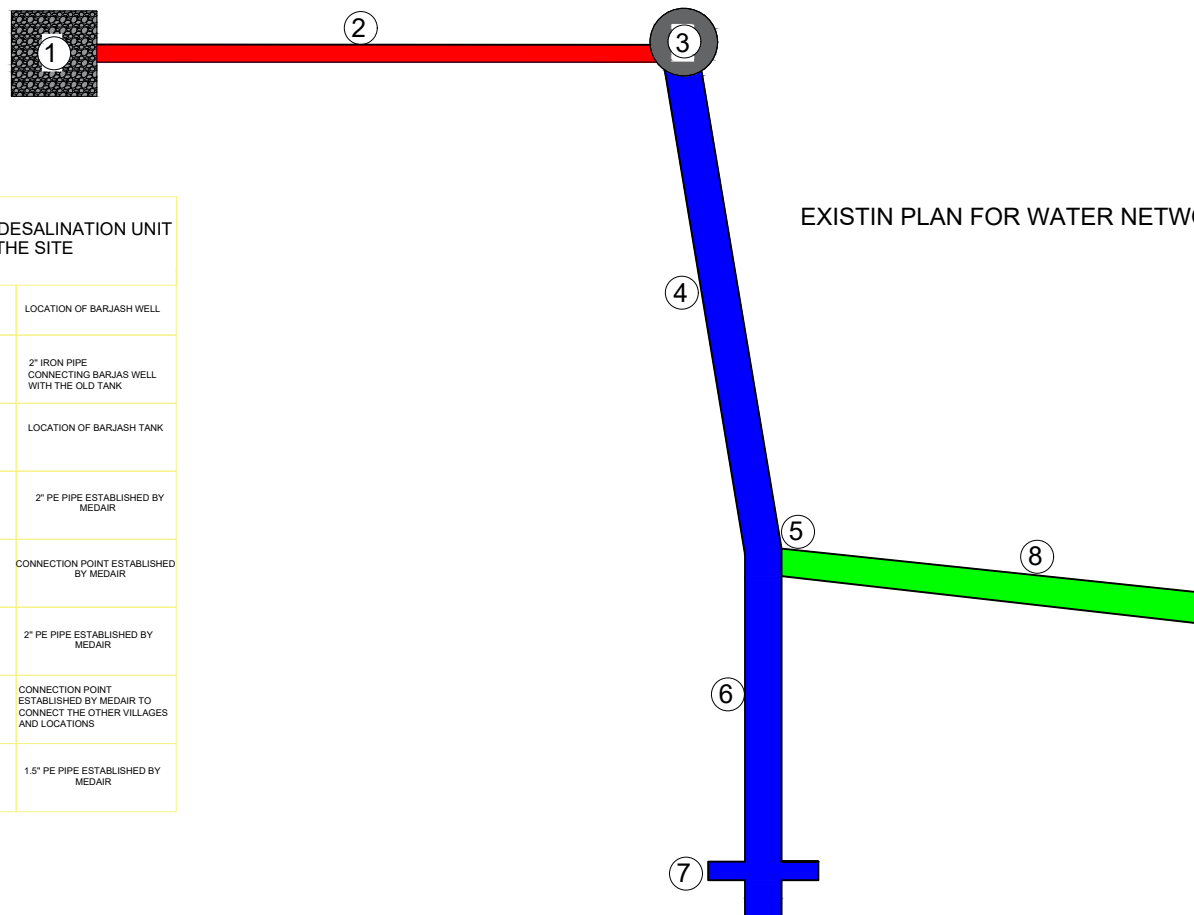
All Dimensions in drawing in meter otherwise as specified in drawing

	PROJECT NAME : REHABILITATION OF DAR SHIBAN WATER NETWORK AND TANK	DRAWING TITLE: PLAN FOR NEW MEDAIR INTERVENTION IN COMMUNITY	DESIGNED BY: ADEN WASH TEAM	DRAWING NO: (1)
			CHECKED BY : ADEN WASH TEAM	SCALE:
				DATE Aug-2024

PROCESS FOR DESALINATION UNIT
ON THE SITE

①	LOCATION OF BARJASH WELL
②	2" IRON PIPE CONNECTING BARJASH WELL WITH THE OLD TANK
③	LOCATION OF BARJASH TANK
④	2" PE PIPE ESTABLISHED BY MEDAIR
⑤	CONNECTION POINT ESTABLISHED BY MEDAIR
⑥	2" PE PIPE ESTABLISHED BY MEDAIR
⑦	CONNECTION POINT ESTABLISHED BY MEDAIR TO CONNECT THE OTHER VILLAGES AND LOCATIONS
⑧	1.5" PE PIPE ESTABLISHED BY MEDAIR

EXISTIN PLAN FOR WATER NETWORK & WATER POINT IN COMMUNITY



All Dimensions in drawing in meter otherwise as specified in drawing

PROJECT NAME :

**REHABILITATION OF DAR SHIBAN
WATER NETWORK AND TANK**

DRAWING TITLE:

**EXISTING PLANE for WATER
NETWORK in COMMUNITY**

DESIGNED BY:

ADEN WASH TEAM

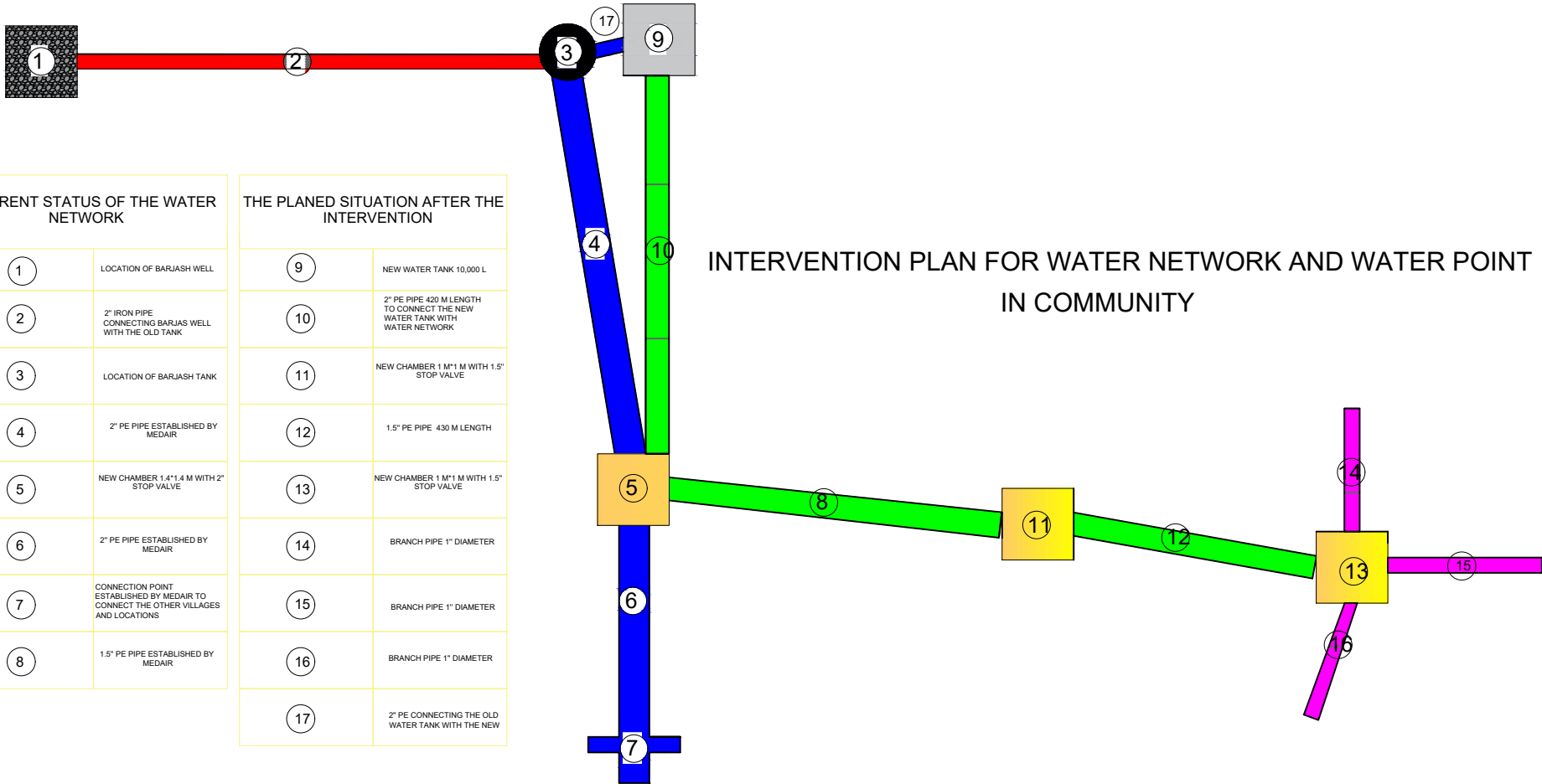
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ADEN WASH TEAM

DRAWING NO: (**2**)

SCALE:

DATE 10.08.2024



INTERVENTION PLAN FOR WATER NETWORK AND WATER POINT IN COMMUNITY

CURRENT STATUS OF THE WATER NETWORK	
1	LOCATION OF BARJASH WELL
2	2" IRON PIPE CONNECTING BARJASH WELL WITH THE OLD TANK
3	LOCATION OF BARJASH TANK
4	2" PE PIPE ESTABLISHED BY MEDAIR
5	NEW CHAMBER 1.4*1.4 M WITH 2" STOP-VALVE
6	2" PE PIPE ESTABLISHED BY MEDAIR
7	CONNECTION POINT ESTABLISHED BY MEDAIR TO CONNECT THE OTHER VILLAGES AND LOCATIONS
8	1.5" PE PIPE ESTABLISHED BY MEDAIR

THE PLANED SITUATION AFTER THE INTERVENTION	
9	NEW WATER TANK 10,000 L
10	2" PE PIPE 420 M LENGTH TO CONNECT THE NEW WATER TANK WITH WATER NETWORK
11	NEW CHAMBER 1 M*1 M WITH 1.5" STOP-VALVE
12	1.5" PE PIPE 430 M LENGTH
13	NEW CHAMBER 1 M*1 M WITH 1.5" STOP-VALVE
14	BRANCH PIPE 1" DIAMETER
15	BRANCH PIPE 1" DIAMETER
16	BRANCH PIPE 1" DIAMETER
17	2" PE CONNECTING THE OLD WATER TANK WITH THE NEW

All Dimensions in drawing in meter otherwise as specified in drawing

PROJECT NAME :
REHABILITATION OF DAR SHIBAN
WATER NETWORK AND TANK

DRAWING TITLE:
PLAN FOR NEW MEDAIR
INTERVENTION IN COMMUNITY

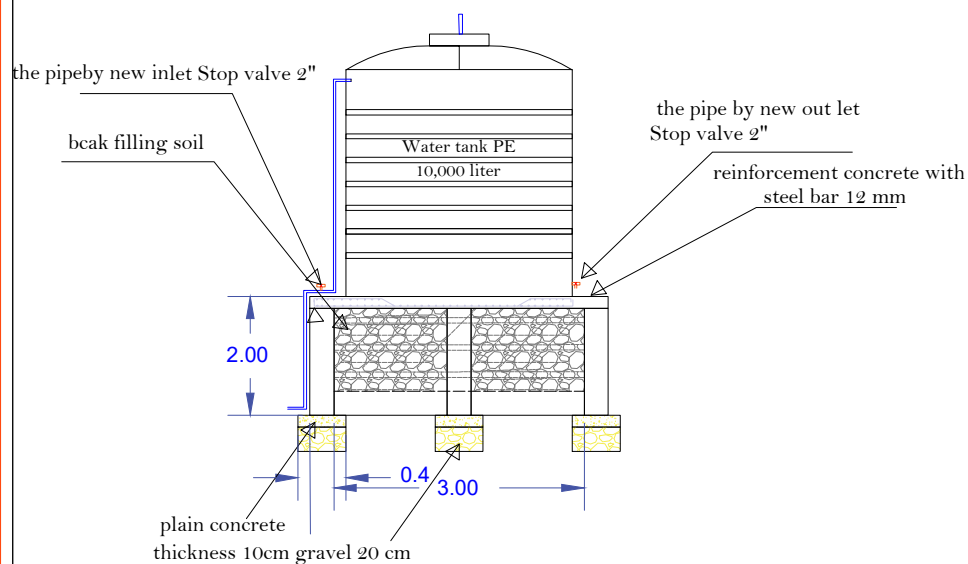
DESIGNED BY:
ADEN WASH TEAM

CHECKED BY :
ADEN WASH TEAM

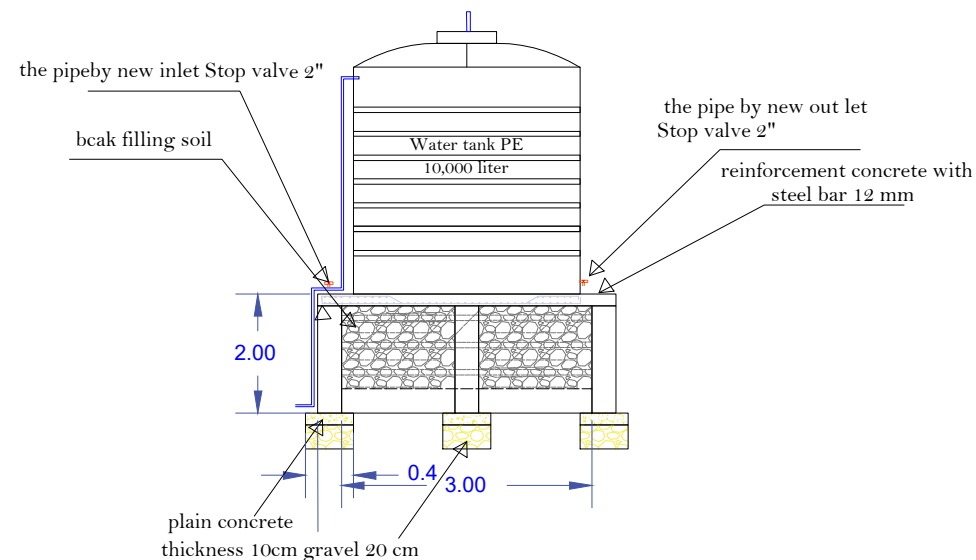
DRAWING NO: (3)

SCALE:

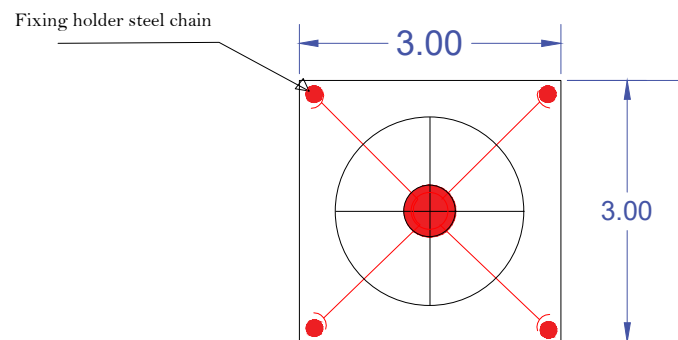
DATE 10.08.2024



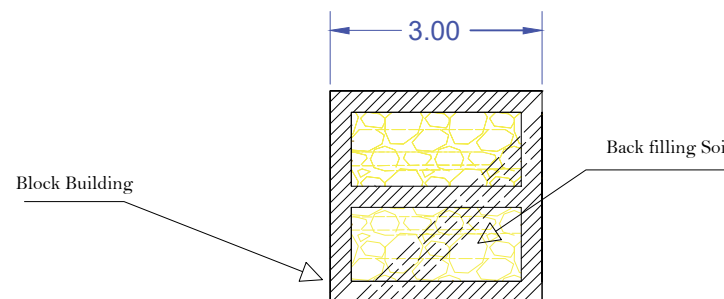
VERTICAL VIEW



SIDE VIEW



TOP VIEW



Horizontal Section

All Dimensions in drawing in meter otherwise as specified in drawing

PROJECT NAME :
Rehabilitation of Dar Shiban water network
Al.Melah - Dar Shiban vallige - Lahj

Drawing title :
Water tank base 10,000 liter in Community

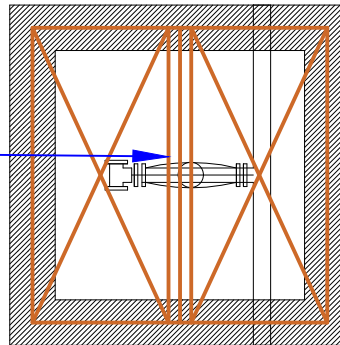
DESIGNED BY :
ADEN WASH TEAM DATE

CHECKED BY :
ADEN WASH TEAM DATE

DRAWING NO : (4)

Aug 2024

Steel door (1.3*1.3)m²
thickness 3mm for steel plate
sheet and angle steel 4cm

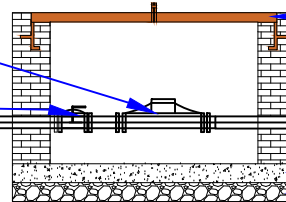


Concrete block (20*20*40)cm with
cement mortar with internal ,external
plastering and granular painting with
prepare MEDAIR and donor logo
(0.3*0.3)m²

Reducer from 2" to 1.5"

1.5" Stop Valve

Outlet pipe 1.5 PE



Steel door (1.3*1.3)m 3mm thickness
steel plate and angle steel 4cm

Inlet pipe 2"PE

Plain concrete thickness 10cm

Hard stone (thickness 20cm)

PLANE OF INSPECTION CHAMBER 1.4*1.4 M

MEDAIR

each life matters

REHABILITAION OF DAR
SHIBAN WATER NETWORK
AND TANK

DRAWING TITLE:
Inspection Chamber(1)
Details

DESIGN BY :
MEDAIR WASH TEAM

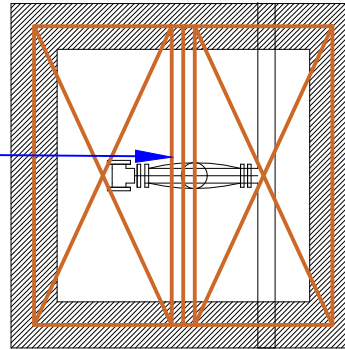
CHECKED BY :
MEDAIR WASH TEAM

DRAWING NO : (5)

SCALE:

DATE:

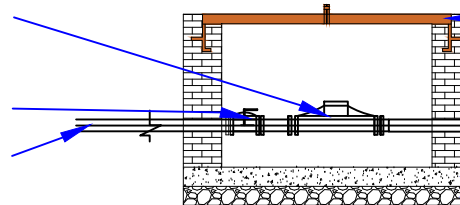
Steel door (0.9*0.9)m²
thickness 3mm for steel plate
sheet and angle steel 4cm



Concrete block (20*20*40)cm with
cement mortar with internal ,external
plastering and granular painting with
prepare MEDAIR and donor logo
(0.3*0.3)m²

Reducer from 1.5" to 1"

1.5" Stop Valve
Outlet pipe 1" PE



Steel door (0.9*0.9)m thickness 3mm
steel plate and angle steel 4cm

Inlet pipe 1.5"PE

Plain concrete thickness 10cm

Hard stone (thickness 20cm)

PLANE OF INSPECTION CHAMBER 1.00*1.00 M

MEDAIR

each life matters

REHABILITATION OF DAR
SHIBAN WATER NETWORK
AND TANK

DRAWING TITLE:
Inspection Chamber(2)
Details

DESIGN BY :
MEDAIR WASH TEAM

CHECKED BY :
MEDAIR WASH TEAM

DRAWING NO : (6)

SCALE:

DATE: