PROPOSED BOREHOLE REHABILITATION AND CIVIL WORK INCLUDING REHABILITION OF ANIMAL TROUGHS, WATER KIOSKS AN REHABILITATION OF ELEVATED WATER TANK

PROJECT:

Borehole rehabilitation in proposed village

IMPLEMENTED BY:

ADRA

CLIENT:

SOMALI REPUBLIC
Federal Government

Borehole rehabilitation in proposed village

DEC 2024

DRAWING INDEX

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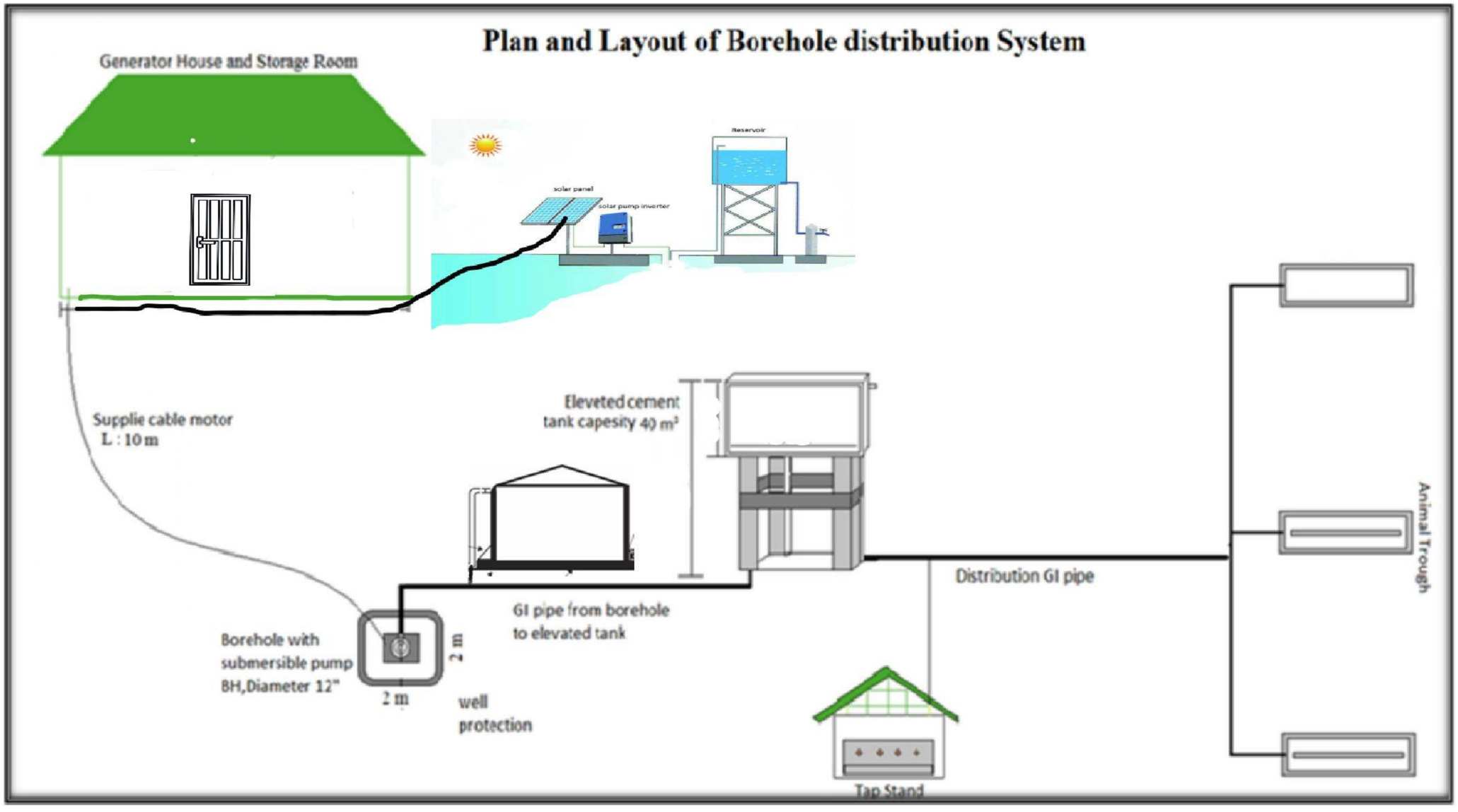
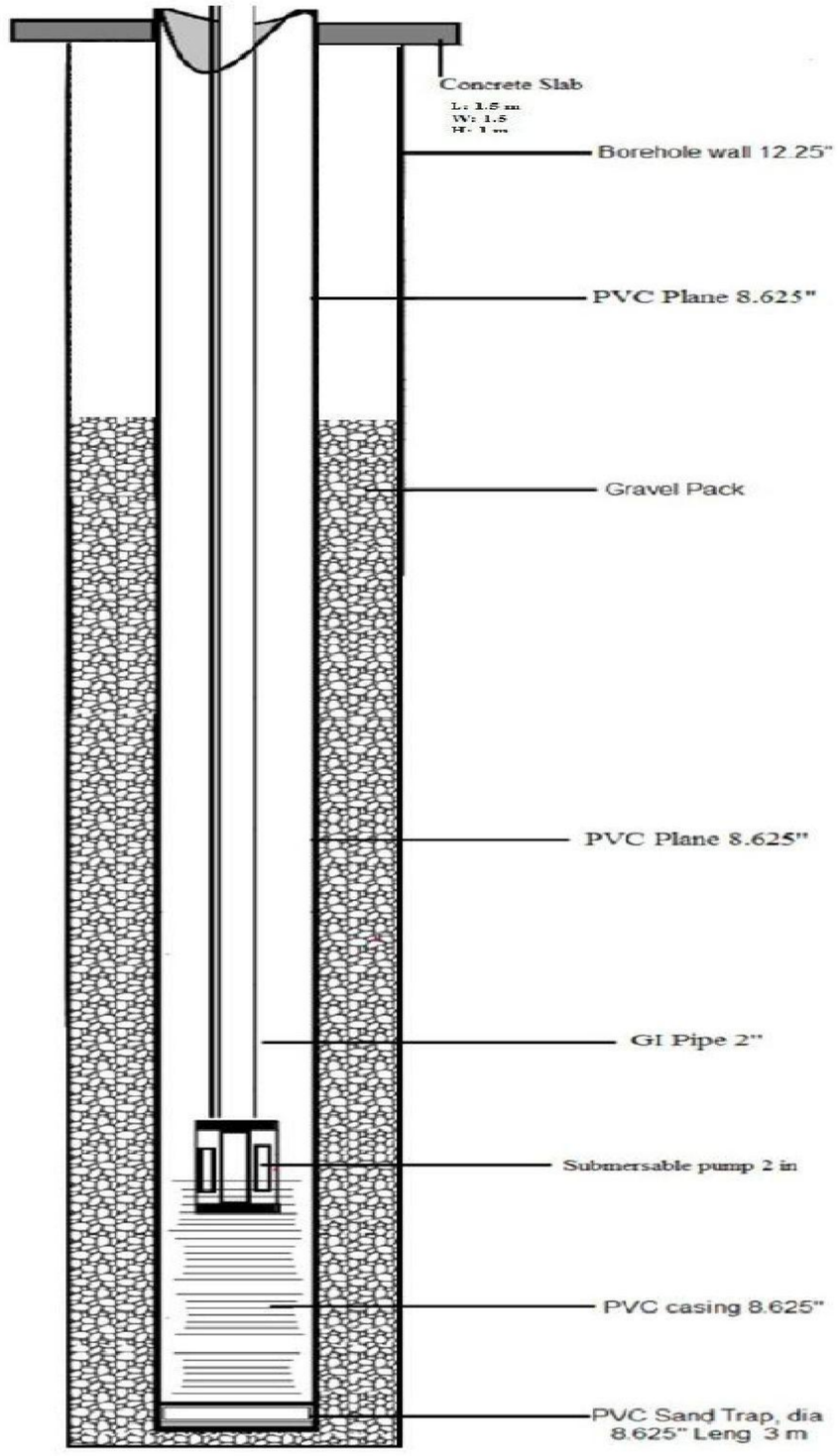
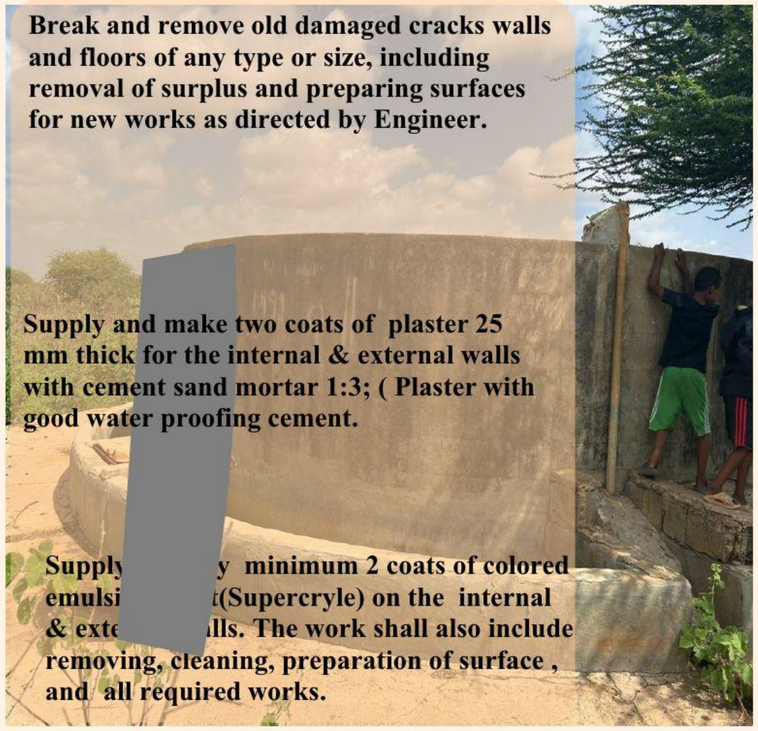

Plan and Layout of Borehole distribution System
Generator House and Storage Room
Reservoir
solar panel
solar pump inverter
Supplie cable motor
L : 10 m
Eleveted cement
tank capesity 40 m³
Distribution GI pipe
Animal Trough
GI pipe from borehole
to elevated tank
Borehole with
submersible pump
BH,Diameter 12"
2 m
2 m
well
protection
Tap Stand


Concrete Slab
L: 1.5 m
W: 1.5
H: 1 m
Borehole wall 12.25"
PVC Plane 8.625"
Gravel Pack
PVC Plane 8.625"
GI Pipe 2"
Submersable pump 2 in
PVC casing 8.625"
PVC Sand Trap, dia
8.625" Leng 3 m

PROJECT DETAILS

Client:	Implementation Partner:	Project title:
JUBALAND STATE OF SOMALIA.	ADRA SOMALIA	**Borehole rehabilitation in proposed village**

Drawing Tittle:		Reviewed by:	
Drawn by: Eng. Abdirizak	Checked by:	Sheet No.	Scale: N/A
Date: Dec, 2024	**ARCHITECTURAL DRAWINGS**		



Break and remove old damaged cracks walls and floors of any type or size, including removal of surplus and preparing surfaces for new works as directed by Engineer.

Supply and make two coats of plaster 25 mm thick for the internal & external walls with cement sand mortar 1:3; (Plaster with good water proofing cement.

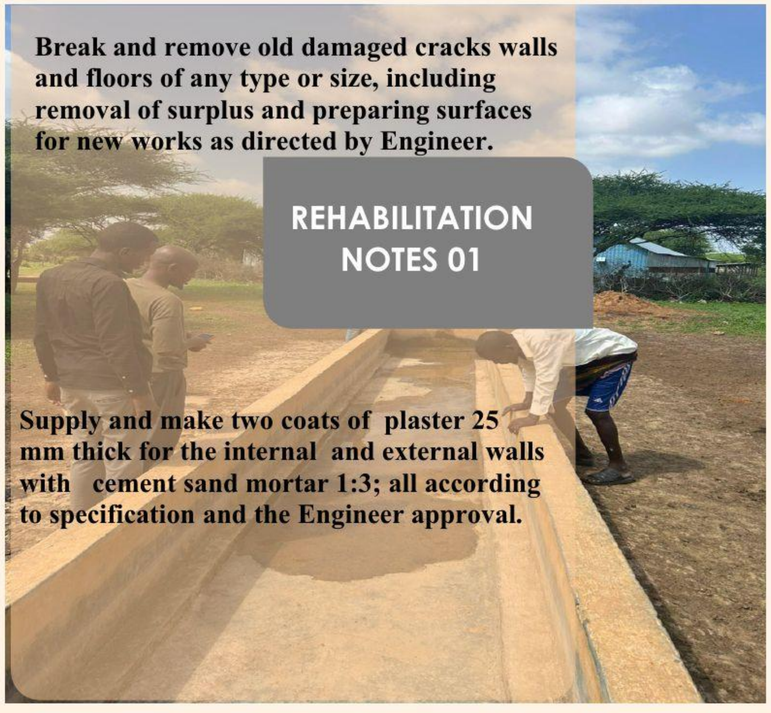
Supply [redacted] y minimum 2 coats of colored emulsi [redacted] t(Supercryle) on the internal & exte [redacted] lls. The work shall also include removing, cleaning, preparation of surface , and all required works.

Repair the damaged concrete structures at elevated water tank at different locations with special approved repair material, with plaster water proofing cement as per instruction of Engineer.

Supply and apply minimum 2 coats of high quality colored emulsion paint (of approved product) on the external and internal walls. The price includes removal of the damaged old paint, surface preparations; all according to specifications and the Engineer's instructions.

Carefully strip off damaged internal plastering or cracked walls, including preparing surfaces for new plastering and removal of damaged concrete structures as per instruction of Engineer.

Dismantle and remove internal water pipes and taps of any size and remove surplus as directed.



Break and remove old damaged cracks walls and floors of any type or size, including removal of surplus and preparing surfaces for new works as directed by Engineer.

REHABILITATION NOTES 01

Supply and make two coats of plaster 25 mm thick for the internal and external walls with cement sand mortar 1:3; all according to specification and the Engineer approval.

Replace and removing of borehole x-beam fence wall with supply and fix new fence similar to existing as per instruction,

PROJECT DETAILS

Client:	Implementation Partner:	Project title:
JUBALAND STATE OF SOMALIA.	ADRA SOMALIA	BOREHOLE REHABILITATION IN THE PROPOSED VILLAGE

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Drawn by: Eng. Abdirizak	Checked by:	Sheet No.	Scale: N/A
Date: Dec, 2024	ARCHITECTURAL DRAWINGS		