


the foundation structure will be made of reinforced concrete of Class B26 and Steel A400.

The opening of the ridges for foundation installation cannot be less than 600mm.

1 borehole - Foundation Plan
SCALE: 1:20



 International Organization for Migration (IOM) The UN Migration Agency	
PROJECT AREA :	CODE :
PROJECT NAME : CONSTRUCTION OF A WATER POINT	
LOCATION: CUMELE COMMUNITY/MARRUPA NIASSA - MOZAMBIQUE	PHASE : Detail Design
TITLE : Borehole LAYOUT	Drawing: A.03
Registered:	Date : FEBRUARY 2023 Scale : 1:50/1:
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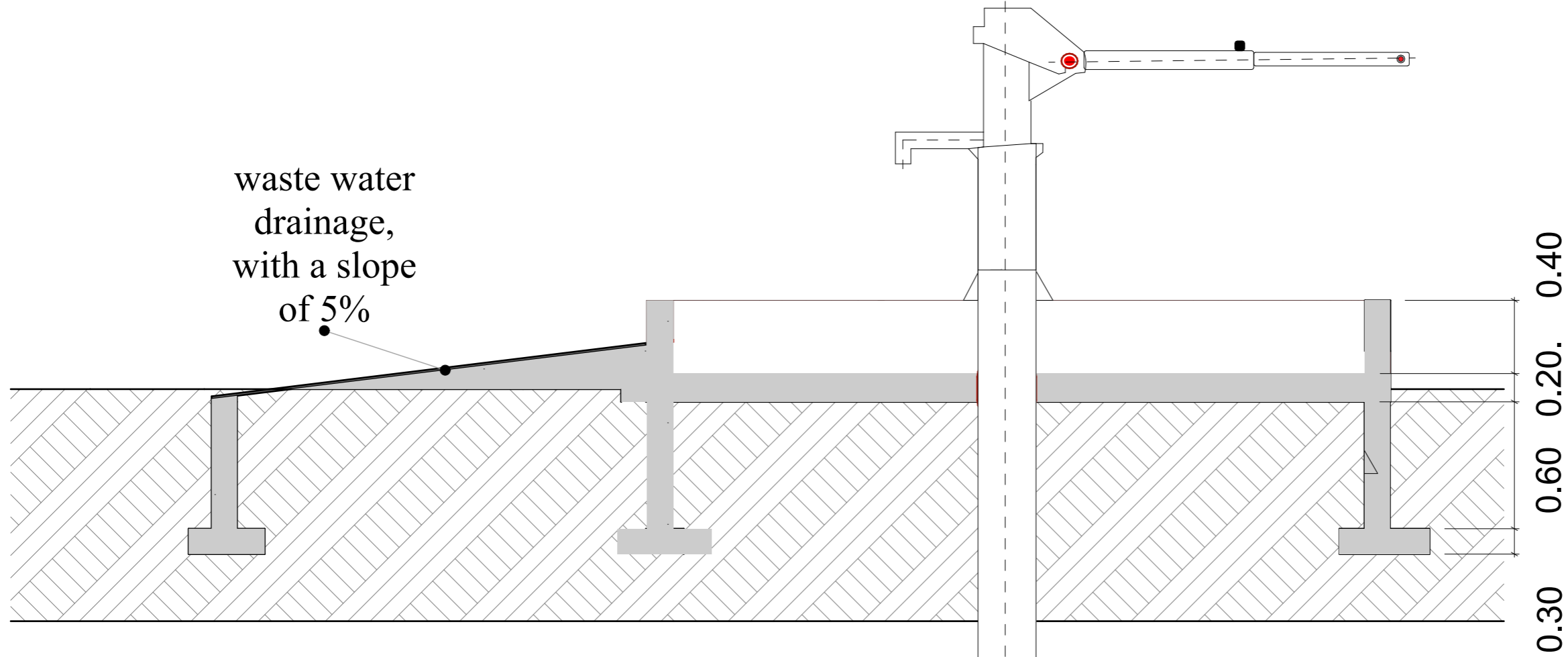
Afridev Handpump

- Pump head
- Pump stand
- Rising main arrangement
- Cylinder arrangement
- Pumprod arrangement

type A - Pump head with short spout: (30 cm)

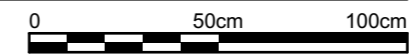
type B - Pump stand with bottom flange:


- A - PVC-U Rising main with "Bell ends"**
- A - Brass plunger and Plastic footvalve**
- D - FRP- Pumprods, Brass connectors**

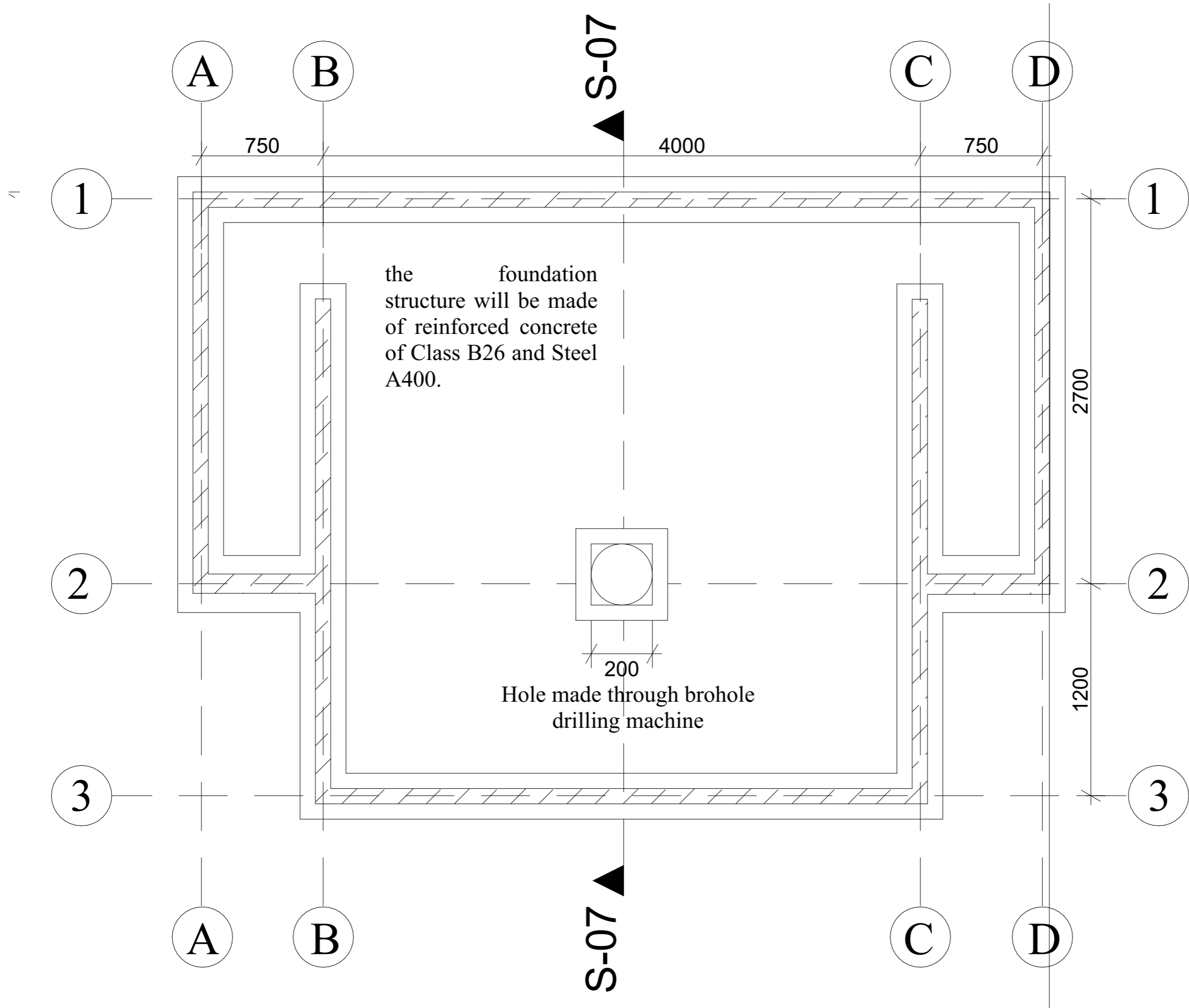



The depth of the water hole must not be less than 50m according to water salubility studies. in case of doubt, the contractor must show, with laboratory tests, results of studies and the salubility of the water table in accordance with the geotechnical characteristics of each project implantation site

3 Cross section A-01
SCALE: 1:20



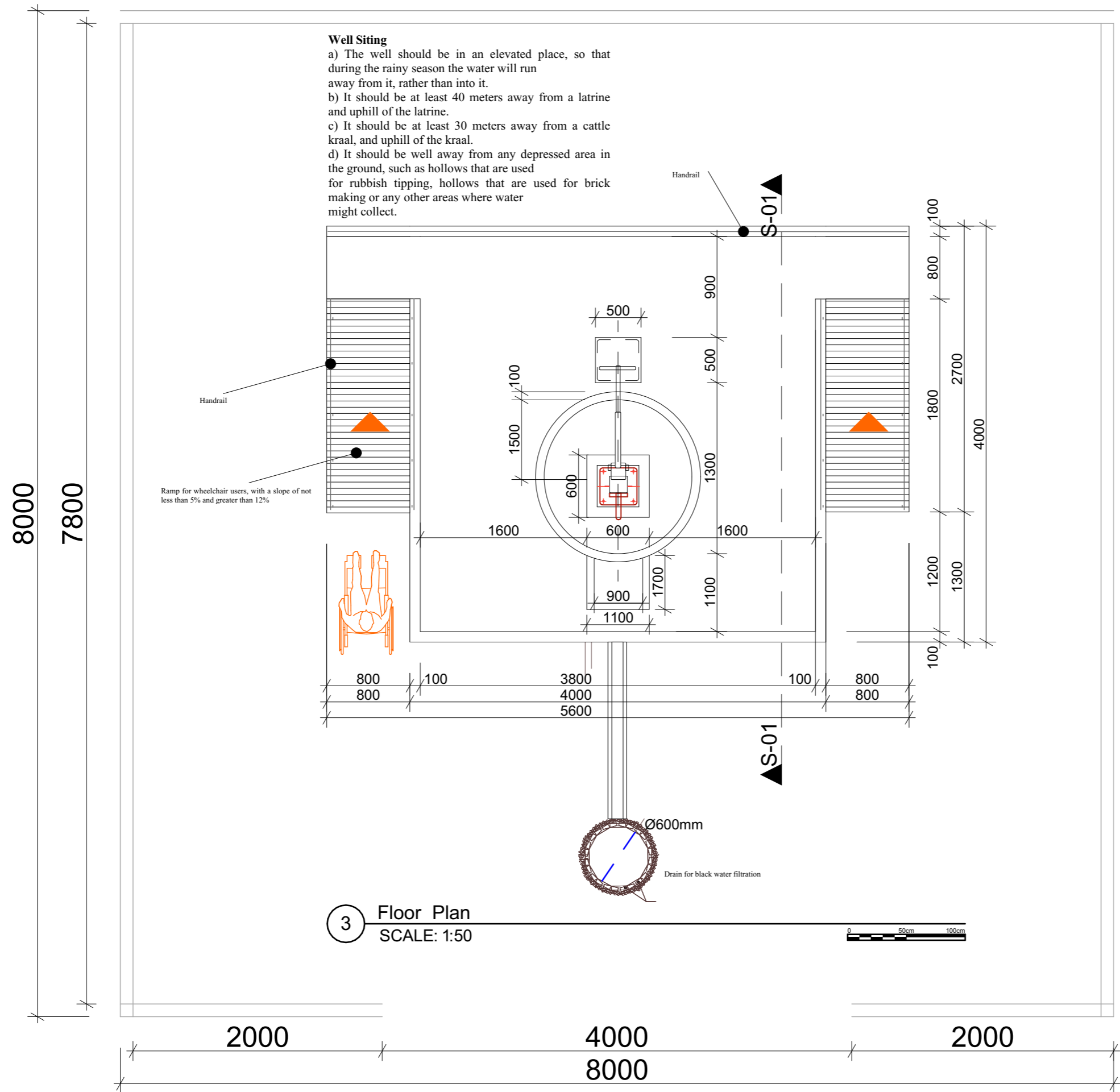
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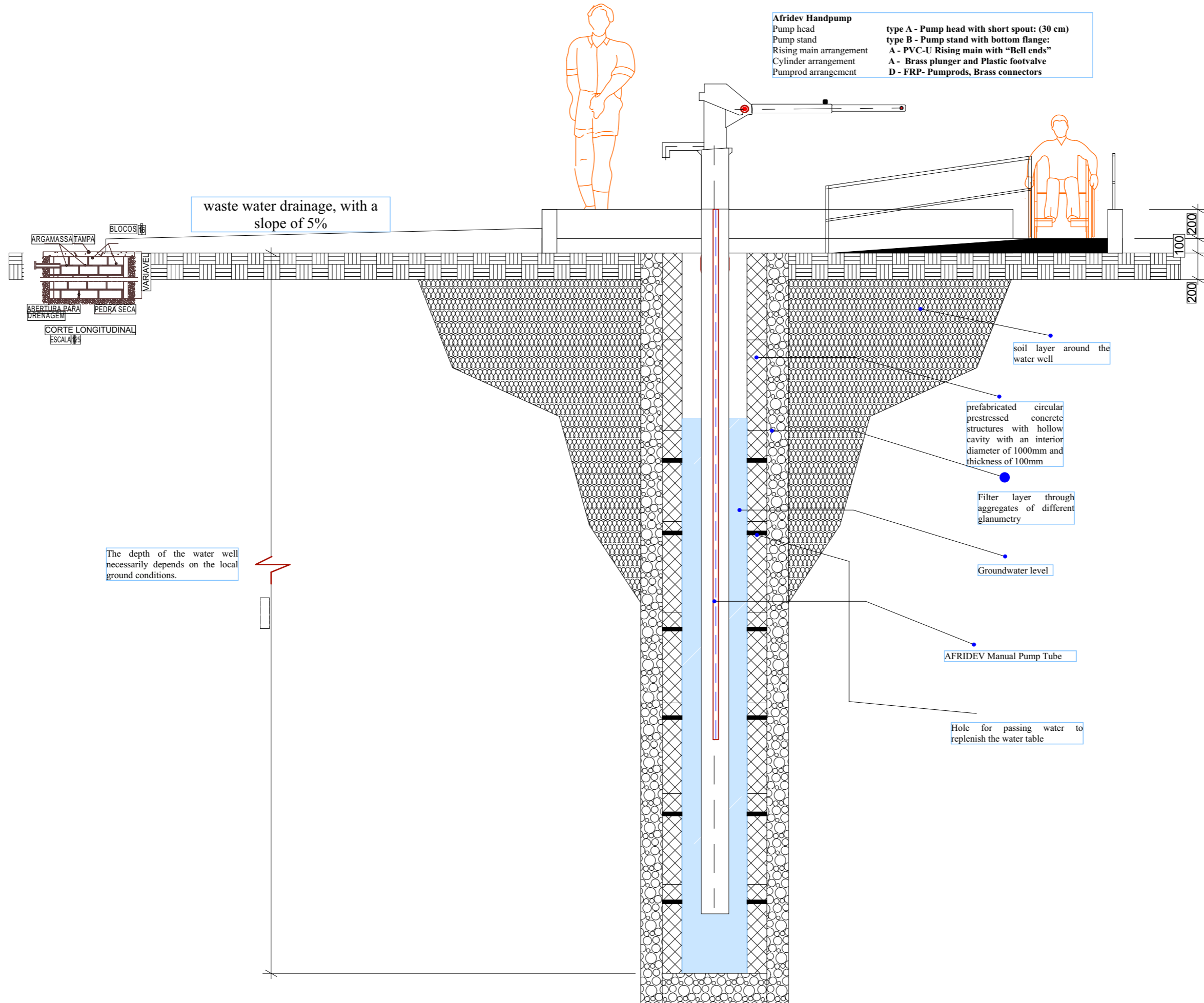
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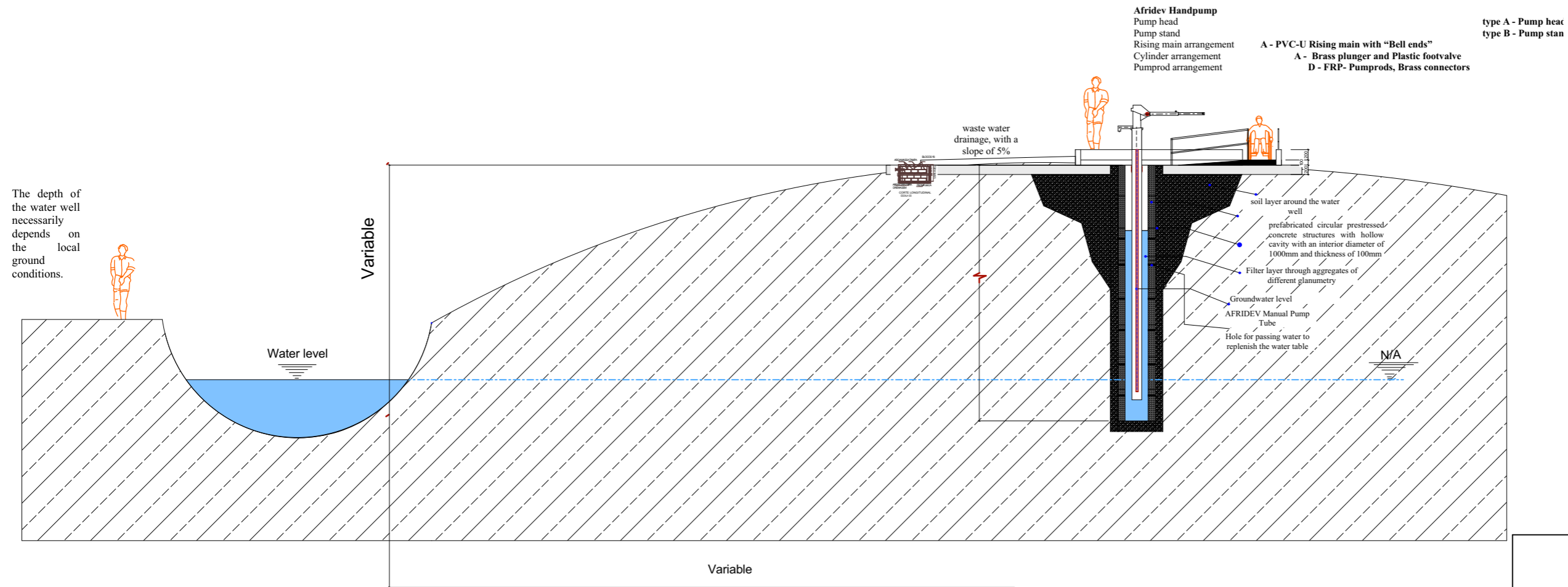


3 Floor Plan
SCALE: 1:50

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The depth of the water well necessarily depends on the local ground conditions.

Afridev Handpump
 Pump head
 Pump stand
 Rising main arrangement
 Cylinder arrangement
 Pumprod arrangement

A - PVC-U Rising main with "Bell ends"
 A - Brass plunger and Plastic footvalve
 D - FRP- Pumprods, Brass connectors

type A - Pump head
 type B - Pump stan

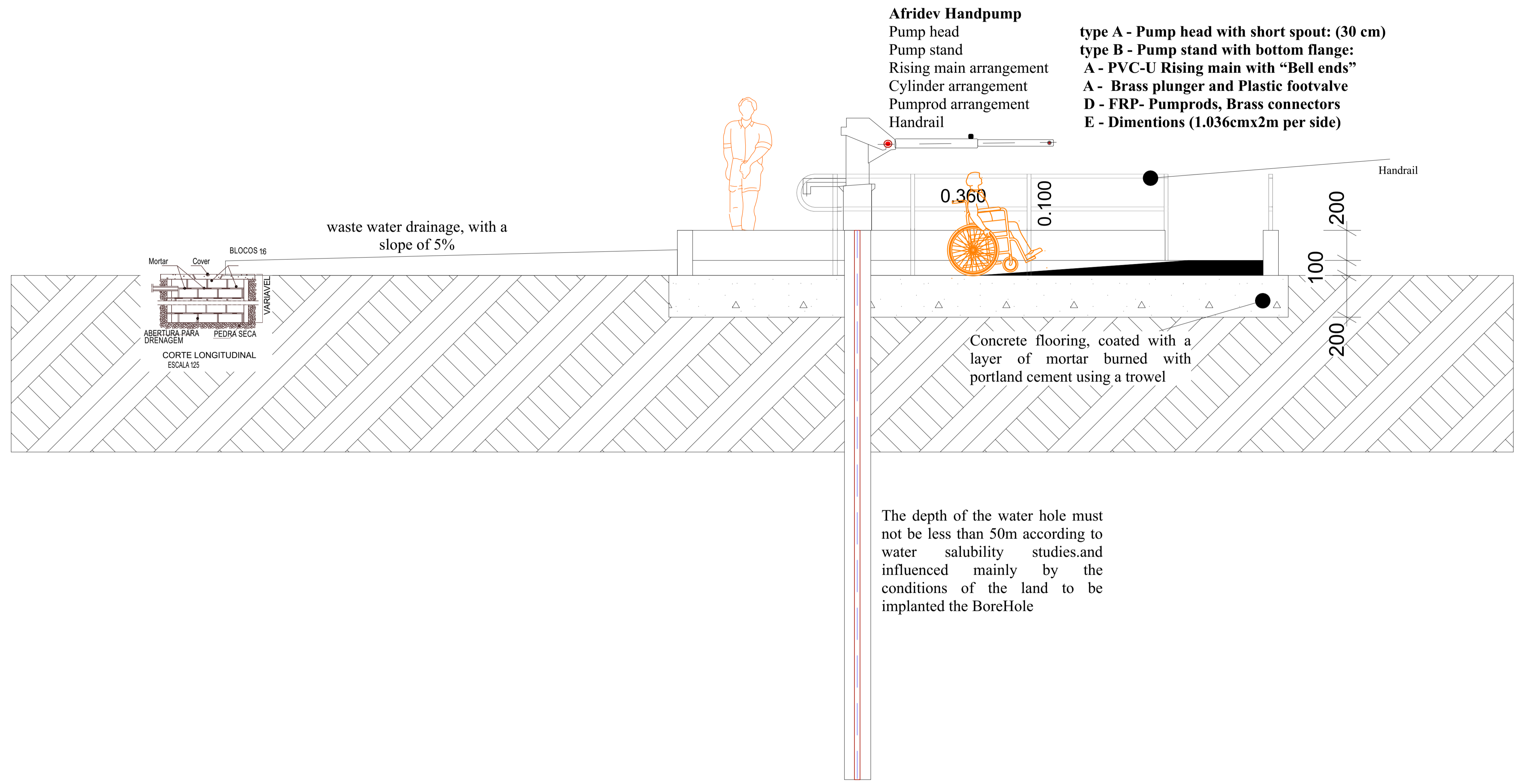
Infiltration Galleries Scale 1:200



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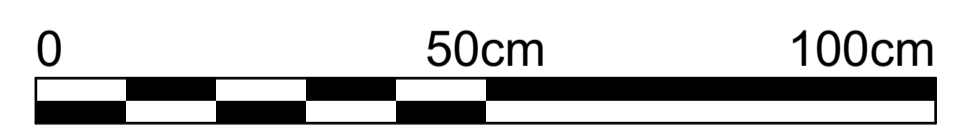
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The depth of the water hole must not be less than 50m according to water salubility studies and influenced mainly by the conditions of the land to be implanted the BoreHole

3 Cross section S-01
SCALE: 1:20



 International Organization for Migration (IOM) The UN Migration Agency	
PROJECT AREA :	CODE :
PROJECT NAME :	
CONSTRUCTION OF WATER POINT	
LOCATION :	PHASE :
CUMELE COMMUNITY / MARRUPA NIASSA - MOZAMBIQUE	Detail Design
TITLE : Borehole SECTION	Drawing: A.03
Registered:	Date FEBRUARY 2023 Scale : 1:50/1:
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