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Rope pump Model 4

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Rope pump model 4
Pole of GI pipe 1¼".



Front view
Pole 0.5 m in the ground / Concrete



Jigs for position of pipe support



Installation of the pump on a hand drilled tube well. Distance pole to casing ca 20 cm



Model with a fixed wheel cover, so with cover supports welded to the frame

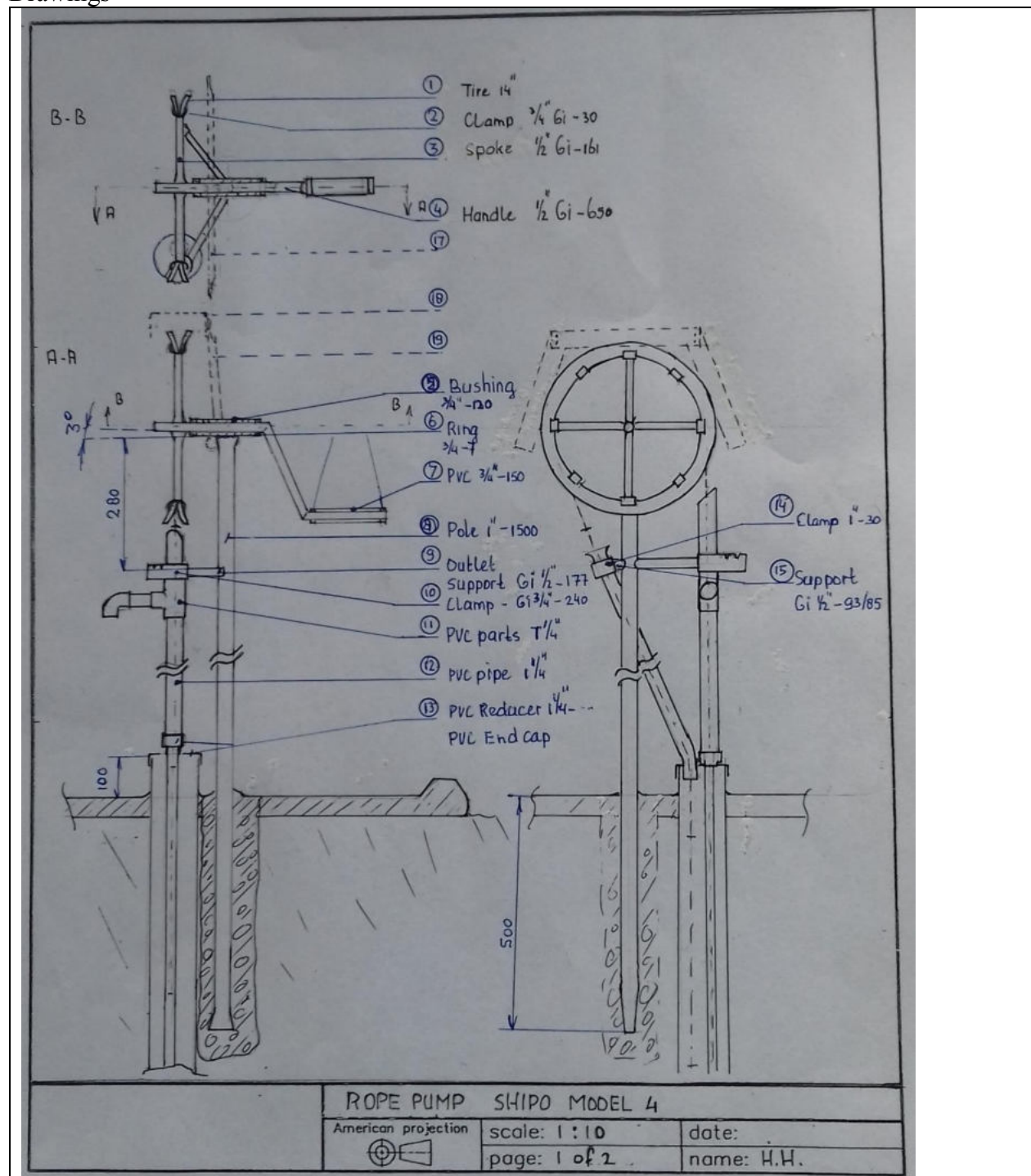


Make sure that the vertical support does not cover the oil hole



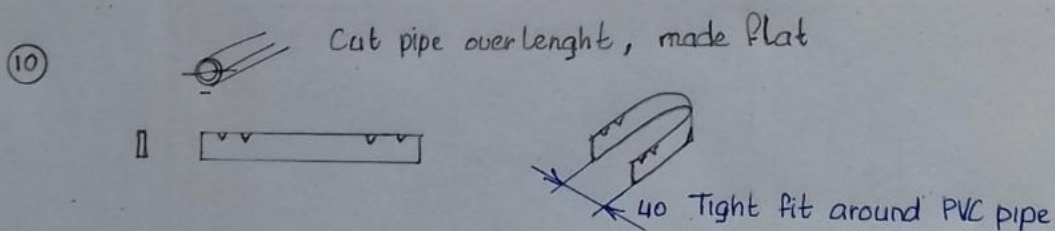
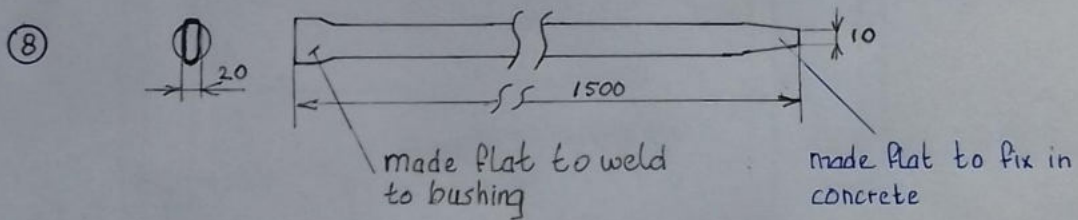
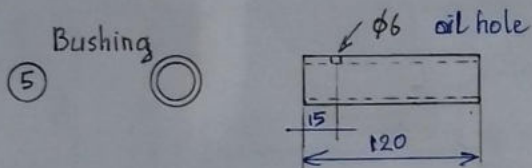
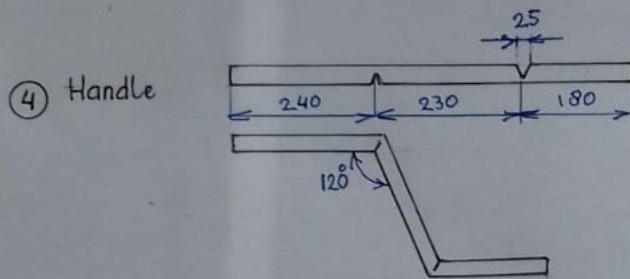
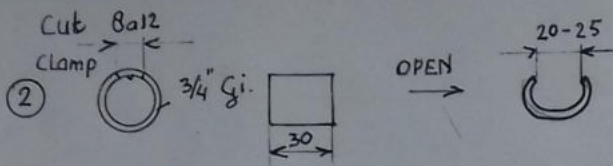
Rope pump with a fixed wheel cover. Note that PVC T piece should be against the outlet pipe support.

Drawings



Basic drawing. Note .The bushing has an inclination of 2 degrees to make sure that oil flows backwards (towards the handle)

The oil hole of 6 mm is 15 mm from the front side of the bushing



ROPE PUMP SHIPO MODEL 4 - PARTS

American projection



scale:

page: 2 OF 2

date:

name: H.H

Materials for Rope pump SHIPO Model 4

Part no	Part	Material	Length	Number
8	Pole	GI pipe 1"	1500 mm (1.5 m.)	1
14	Support return pipe	GI pipe 1 "	30 mm Open	1
10	Support clamp outlet pipe	Gi pipe ¾"	240 mm	1 (Pipe cut in half and made flat)
5	Bushing	Gi pipe ¾'	120 mm	1
2	Wheel clamp	Gi pipe ¾" (slot of 12 mm)	30 mm	8
6	Lock rings	Gi pipe ¾'	7 mm	4
4	Handle	Gi pipe ½" or ¾	650 mm	1
9	Support outlet pipe	Gi pipe ½"	179 mm	1
3	Wheel spoke	Gi pipe ½"	161 mm or 157	4
14	Support return pipe	Gi pipe ½"	93/85 mm	1
7	Handle Grip	PVC pipe ¾" or 1"	130 mm	1
1	Wheel	Car tire 14 "		1
	Optional removable or fixed Wheel cover			
18	Wheel cover sheet	Gi Sheet 0.6 mm	200 x 1000mm	1
17	Wheel cover support	Gi pipe ½"	540 mm	1
19		Gi pipe ½"	260 mm	1
18	Pop rivets, 5 mm		15 or 20 mm	14
11 etc	Guideblock, rope and pistons, T piece Reducer etc. See manual Rope pump model 1 or 2			