

**Construction/Installation of small-scale
water infrastructure
in the Dry Zone of Myanmar
(Shwebo, Monywa, Myingyan, Nyaung U and Chauk)**

Technical specification sheets

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Communal Water Tank(CWT)

DWG. NO: 632-01-PL-CMP



Profile A-A

Gutter boxes
and Rainwater Collection Network plomberie
around roofing structure
including piping, fittings, fixing
and ventilerie works
until collecting reservoir(CWT).

Rainwater collection Gutters PVC pipe Ø 4"

DET B

DET B

RWCN to CWT

DET C

Rainwater collection Gutters PVC pipe Ø 4"

20.20.5

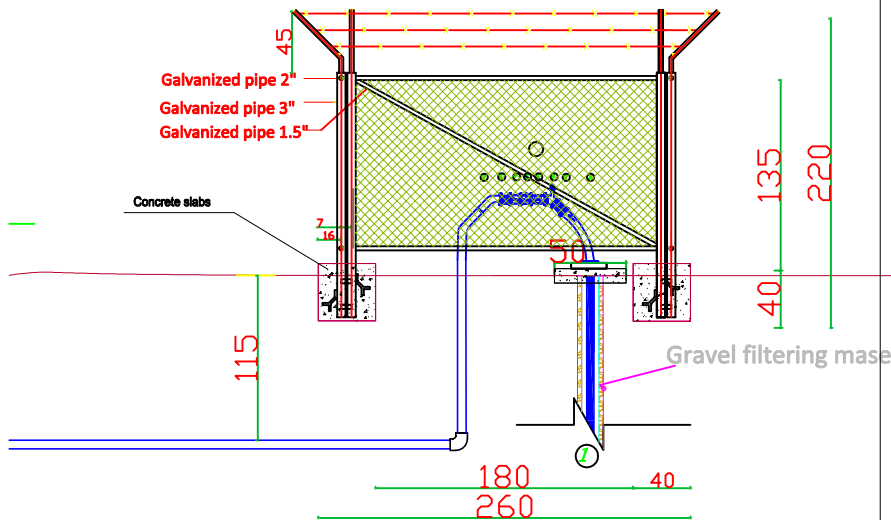
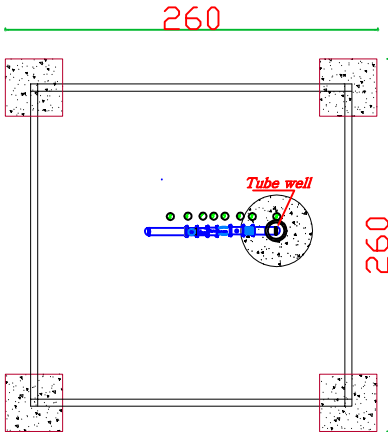
Ventilation Ø20

Trapillon 80*80

DEEP TUBE WELL (DETAILS)

LIST OF MATERIALS

- 1- Electropump
- 2- Elbow 45 ° , DN 2" , PN10 bars
- 3-Shock absorber, DN 2" , PN 10 bar
- 4-Airevalve Single Effect DN 1"
- 5- Manometer, DN 2" , PN 10 bar
- 6-flowmeter, DN 2" , PN 10 bar
- 7- Butterfly valve DN 2" , PN10bars
- 8- Non-return valve DN 2" , PN 10bars



HYDROCONSEIL

PROJ. CODE: 629

DESIGN: J.MANCAUX

DRAWING: D.PLASSE

CONTROL: H.LAHORRPOOR

DATE: Nov 2016

Construction/Installation of small-scale
water infrastructure
in the Dry Zone of Myanmar
(Shwebo, Monywa, Myingyan, Nyaung U and Chauk)

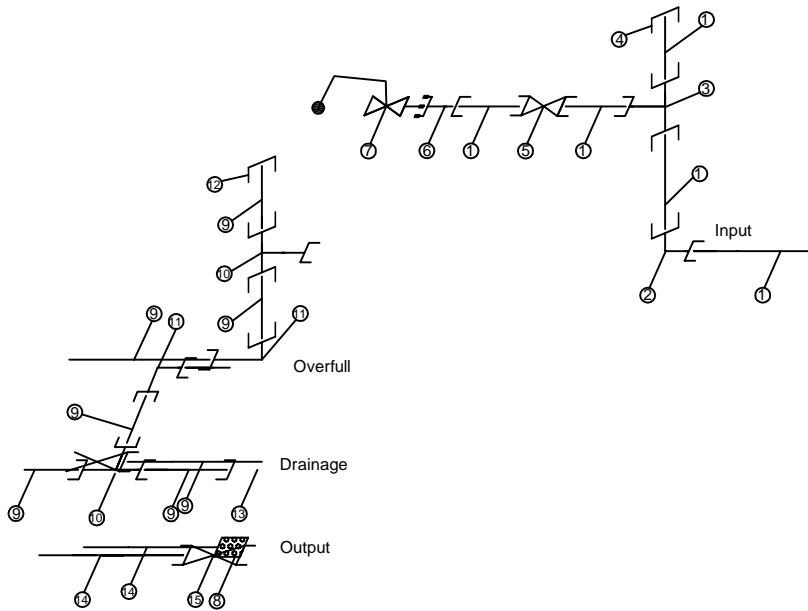
Sheet Name: Detail for General mass plan
All dimensions are in SI unite system
(Centimeter (cm) and meter (m))
1m=100cm=3.28feet.

SCALE 1:

DWG. NO:632-02 MYR PT DC WT

LIST OF MATERIALS(CWT)

No	Designation	Diameter	Quantity
1	PVC Pipe	32 mm	5
2	PVC Elbow	32 mm	1
3	PVC Tee	32 mm	1
4	PVC female Plug	32 mm	1
5	PVC valve	32 mm	1
6	PVC Adapter sleeve	32 mm	1
7	Float-controlled valve	1"	1
8	PVC Screen	63mm	1
9	PVC Pipe	50mm	7
10	PVC Tee PN10 DN 1 1/2	50mm	2
11	PVC Elbow PN10 DN 1 1/2	50mm	2
12	PVC Adapter sleeve	50mm	1
13	PVC valve	50mm	1
14	PVC Pipe (hob and spigot pipes) PN10 DN 1 1/2	63mm	2
15	PVC valve - hob and spigot pipes (All lengths to be determined on Site)	63mm	1



Valve chamber

155

15 60 10

Trapillon 60*60

Masonry walls of 15 cm with clay Brick

120 110

Reinforced concrete

Output

Drainage

PLAN VIEW

HYDROCONSEIL

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Sheet Name: Details for Communal Water Tank (Reservoir)
of 5000 gallons

All dimensions are in SI unit system
(Centimeter (cm) and meter (m))
1m=100cm=3.28feet.

SCALE 1:

DWG.NO:632-03MYRPT CWT5000gal

PROJ. CODE:	629
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DESIGN:

DRAWING

CONTROL:

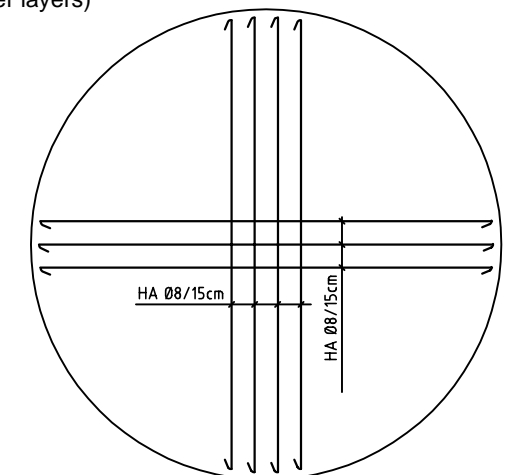
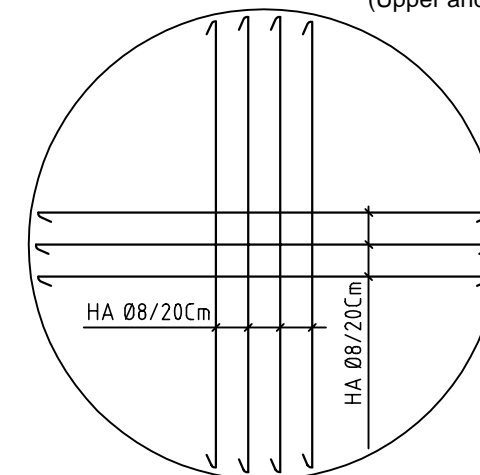
DATE:

Nov 2016

Details floor (raft) slab

(Upper and lower layers)

Details of roofing slab



Profile A-A

DET A

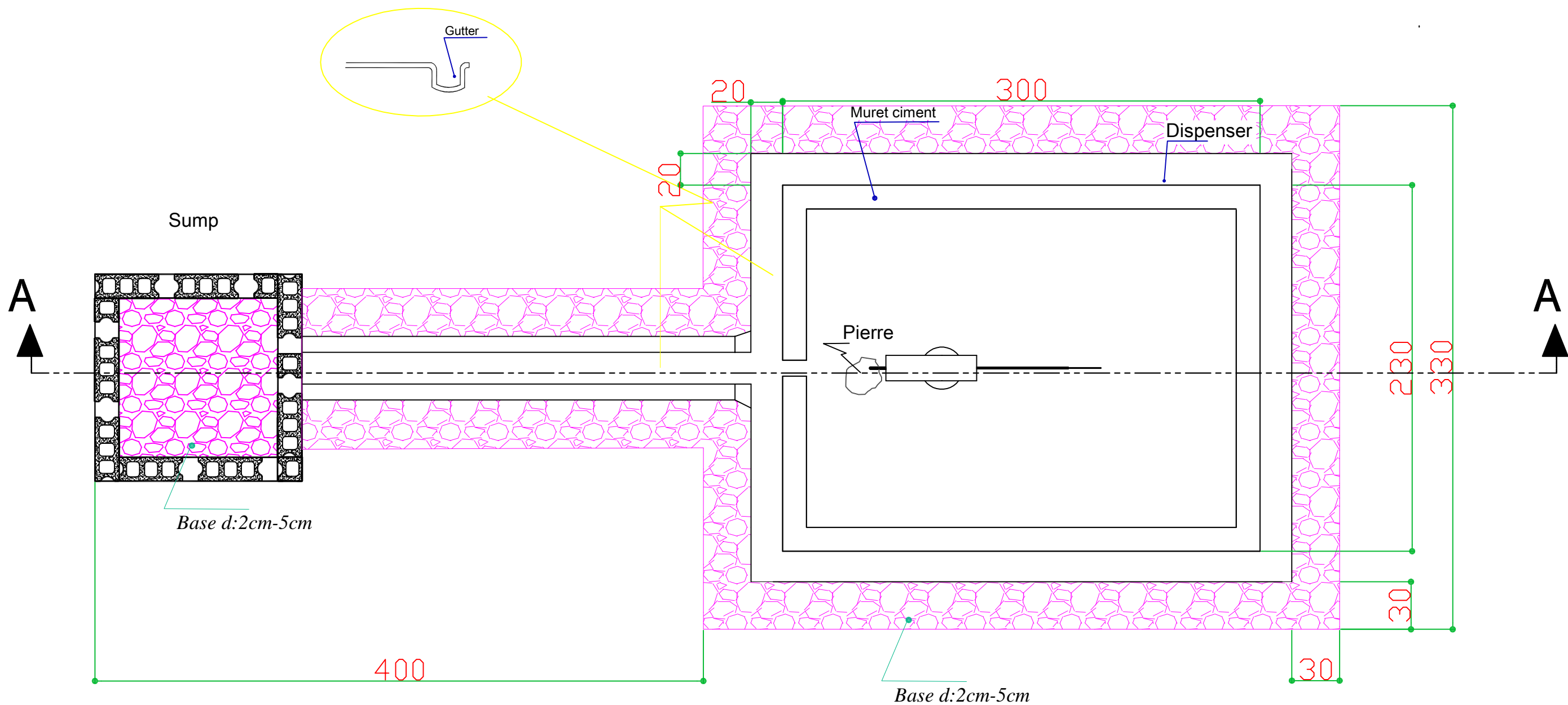
Column Details

2 HA 012

Cadres Ø6 esp.=20cm

2 HA Ø12

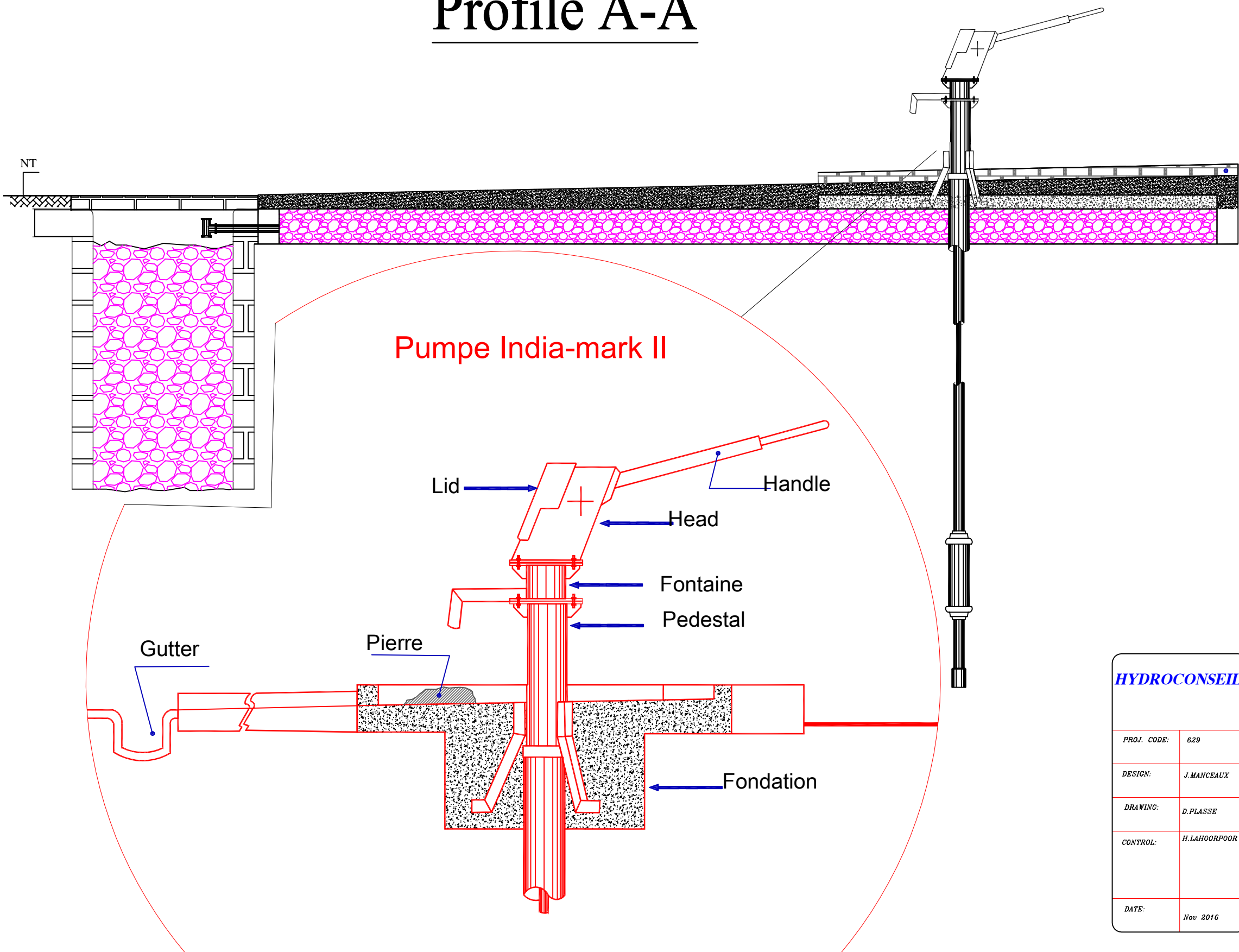
Hand well pumps & Service platform (Top View)



HYDROCONSEIL		Construction/Installation of small-scale water infrastructure in the Dry Zone of Myanmar (Shwebo, Monywa, Myingyan, NyaungU and Chauk)	
PROJ. CODE:	629	Sheet Name: Hand well pumps (Top-View) & Service platform (Top View) All dimensions are in SI unite system (Centimeter (cm) and meter (m)) 1m=100cm=3.28feet.	
DESIGN:	J.MANCEAUX		
DRAWING:	D.PLASSE		
CONTROL:	H.LAHOORPOOR		
DATE:	Nov 2016	SCALE 1:	DWG.NO: 632-04MYR-PT TSP HWP

Hand well pumps (Side-View) & Service platform

Profile A-A



HYDROCONSEIL	
PROJ. CODE:	629
DESIGN:	J.MANCEAUX
DRAWING:	D.PLASSE
CONTROL:	H.LAHORPOOR
DATE:	Nov 2016

Construction/Installation of small-scale water infrastructure in the Dry Zone of Myanmar (Shwebo, Monywa, Myingyan, NyaungU and Chauk)	
Sheet Name: Hand well pumps (Side-View) & Service platform	
All dimensions are in SI unite system (Centimeter (cm) and meter (m)) 1m=100cm=3.28feet.	
SCALE 1:	DWG. NO: 632-05MYR PT DGMP

Hand well pumps (Side-View) & Service platform

HYDROCONSEIL

PROJ. CODE:	629
DESIGN:	J.MANCEAUX
DRAWING:	D.PLASSE
CONTROL:	H.LAHOORPOOR
DATE:	Nov 2016

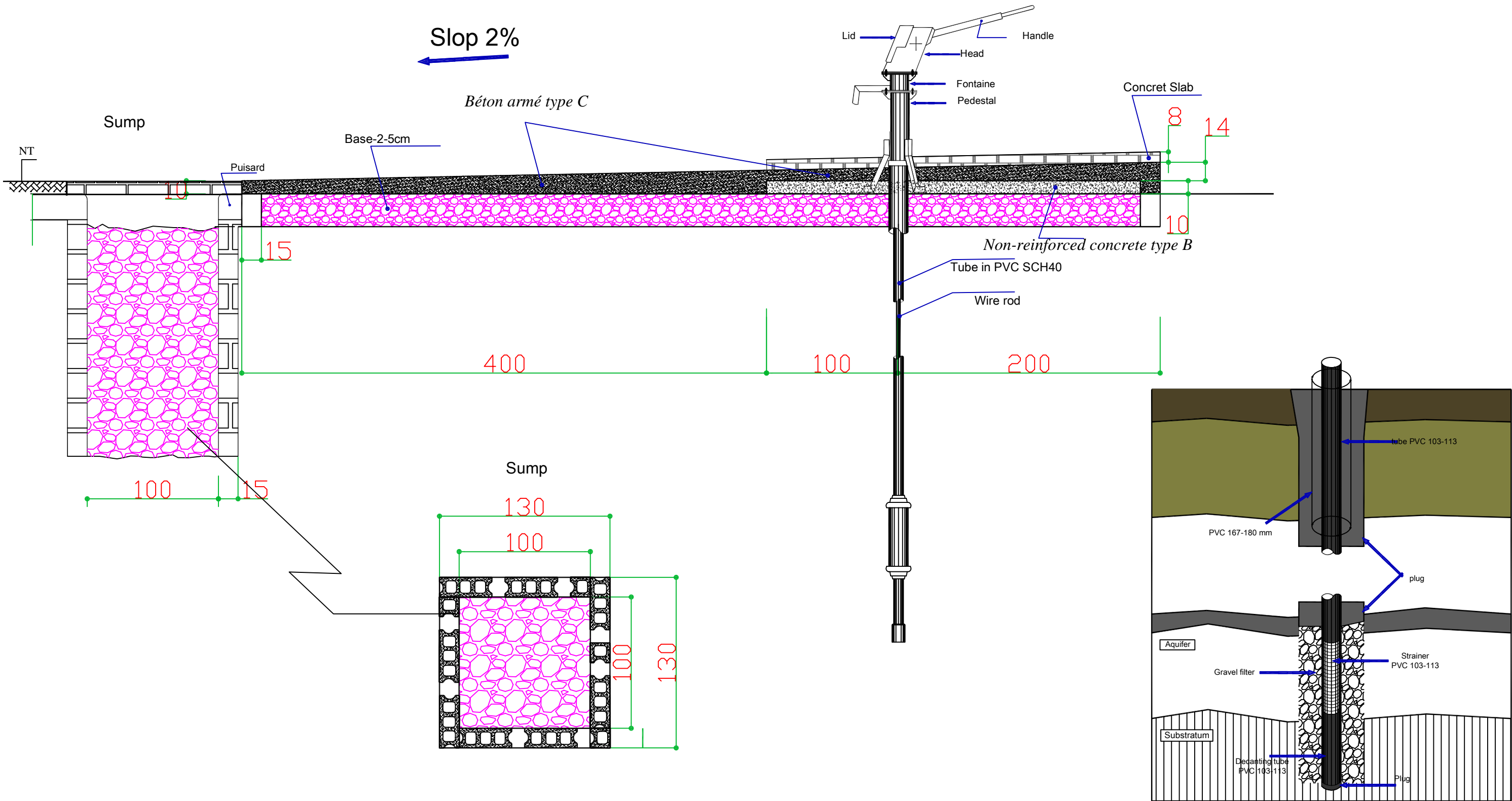
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Sheet Name: Hand well pumps (Side-View)
& Service platform - Details

All dimensions are in SI unite system

(Centimeter (cm) and meter (m))
1m=100cm=3.28feet.

SCALE 1: DWG. NO: 632-06MYR PT HWPPD



Hand well pumps (Side-View)& Service platform Reinforcement Plan

HYDROCONSEIL

PROJ. CODE:	629
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DESIGN: J.MANCEAUX

DRAWING: *D. PLASSE*

CONTROL:	H.LAHORPOOR
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DATE: Nov 2016

Construction/Installation of small-scale water infrastructure in the Dry Zone of Myanmar (Shwebo, Monywa, Myingyan, NyaungU and Chauk)

Sheet Name: Hand well pumps & Service platform
(Reinforcement Plan)

All dimensions are in SI unite system

(Centimeter (cm) and meter (m))
1m=100cm=3.28feet.

SCALE 1:

DWG. NO:632-07MYR PT HWPRP

