



European Union



Inter Aide Sierra Leone

TRAINEE BOOKLET

How to build a latrine ?



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SITE LOCALISATION

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WATER ACCESS

As far as possible

>30m



LATRINE

>10m



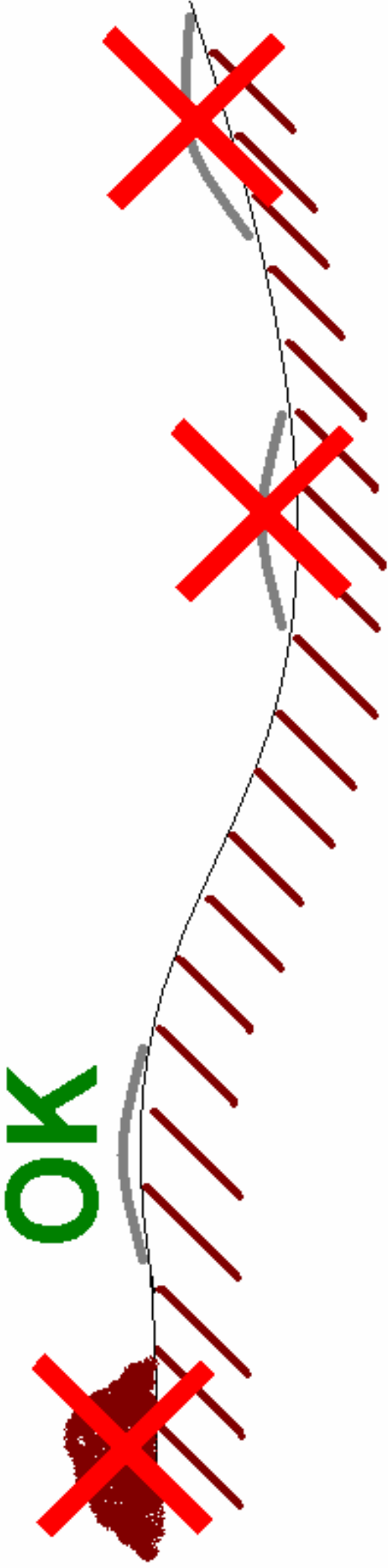
HOUSE

>10m



KITCHEN

LATRINE SITE LOCALISATION



PIT DIGGING

Diameter

75 cm = 30 inches = 2 feet 6 inches

If between 75cm and 85cm high RISK OF COLLAPSING

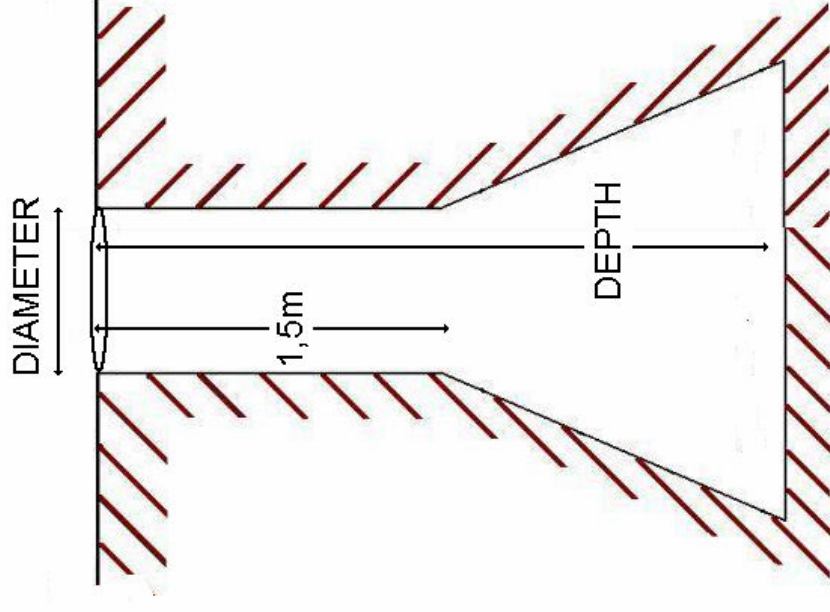
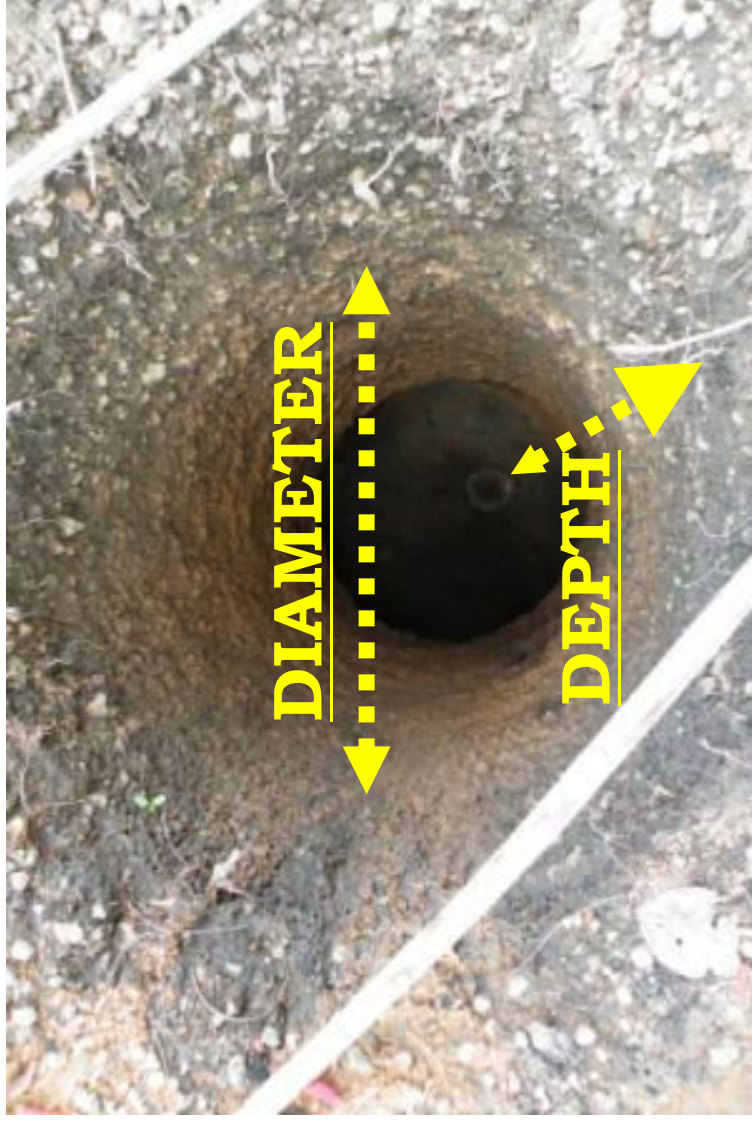
If More than 85cm = NO CASTING

Depth

MINIMUM = 2m

= 80 inches

= 6 feet 8 inches



Material & Tools for casting

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For one dome slab

FOR ONE SLAB

Water

x 2 batters

Sand

x 5 head pans

Gravel

x 3 head pans

Cement

x 1/2 bag

Iron rode 6mm

x 8m

Binding Wire

x 3m

Cement paper
or
banana leaves

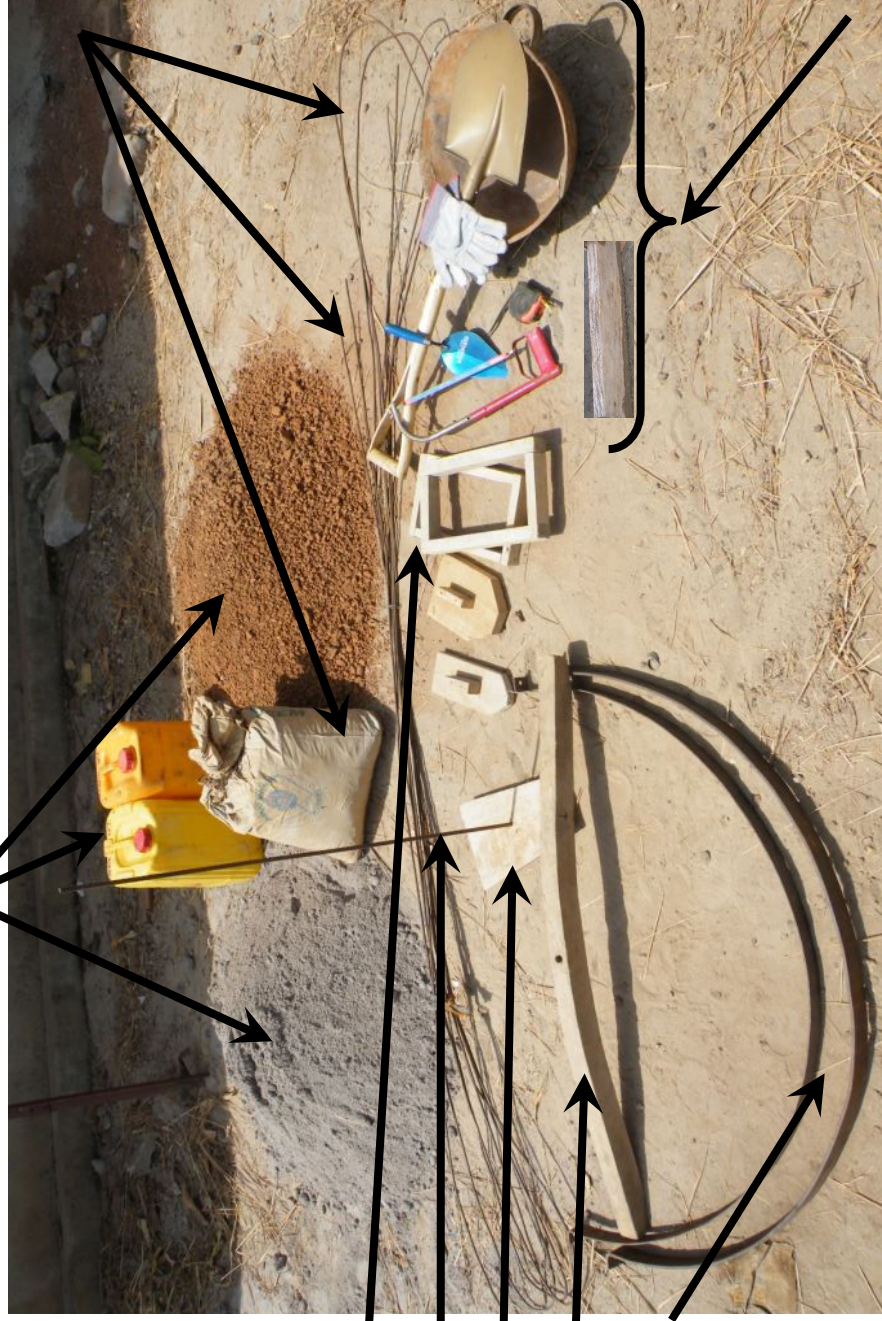
Straight edge

Head pan

Shovel

Trowel

Measuring tape



Foot rest mould

Center Peg

Drop hole mould

Arch mould

Girdle mould

Rubbing
boards

Hawk saw frame
& blade

SAND DOME



10 cm = 4 inches
Flat

METALLIC STRUCTURE



Rings

Small : 1,70 m

Big : 3.70 m

Verticals

0,40 m

= 16 inches

Spacers

Cement
paper
or

Banana
leaves

CONCRETE WORK



FOOT REST & COVER



CASTING END, CURING



Need 2 weeks

Curing
under protection

Children
Animals
Sun

Do not touch slab
during this curing time,
especially the **COVER**

FINAL DESIGN



TEST



6 persons

Wedges

INSTALLATION, FENCING, FINISHING



TRANSPORT



Carry it with 4 people Minimum

Do not roll it

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FINAL LATRINE

