

ENGINEERING DRAWINGS

FOR

**ENGINEERING DESIGN OF WASH FACILITIES ACROSS BORNO, ADAMAWA AND
YOBE (BAY) STATES**

Service Contract No: YOL SC 14

GANYE - GRA GOVERNMENT GIRLS PRIMARY AND SECONDARY SCHOOL

CLIENT:



CONSULTANTS:



USAID/~~MERCY CORPS~~ KONSADEM ASSOCIATES LTD

Engineers & Consultants

30, Onireke Layout,

P.M. B. 5478, Ibadan, NIGERIA.

E-mail: konsadem@gmail.com

2ML CONSULTING NIGERIA LTD

Office 8, B1-Close Off 69(A) Road

Gwarinpa Abuja,

MAY, 2021.

FROM EXISTING BOREHOLE

FENCE

STORAGE
See Elevation
Tank Details

To Reticulation

FENCE

FENCE

1 NO. NEW SOLAR POWERED BOREHOLE (Location to be determined by Geophysical survey)

KERBS STONE

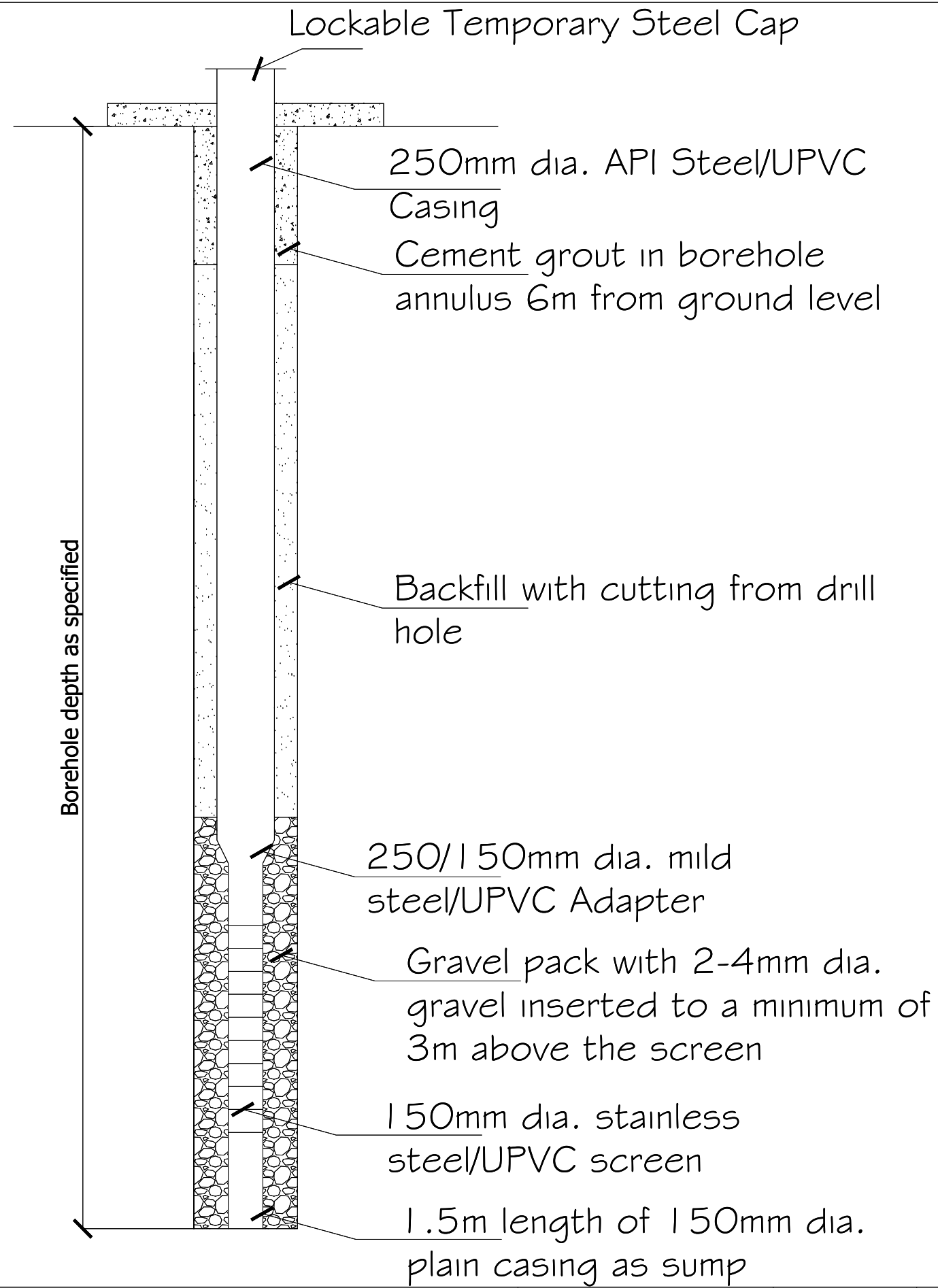
GRANITE CHIPPINGS

GATE

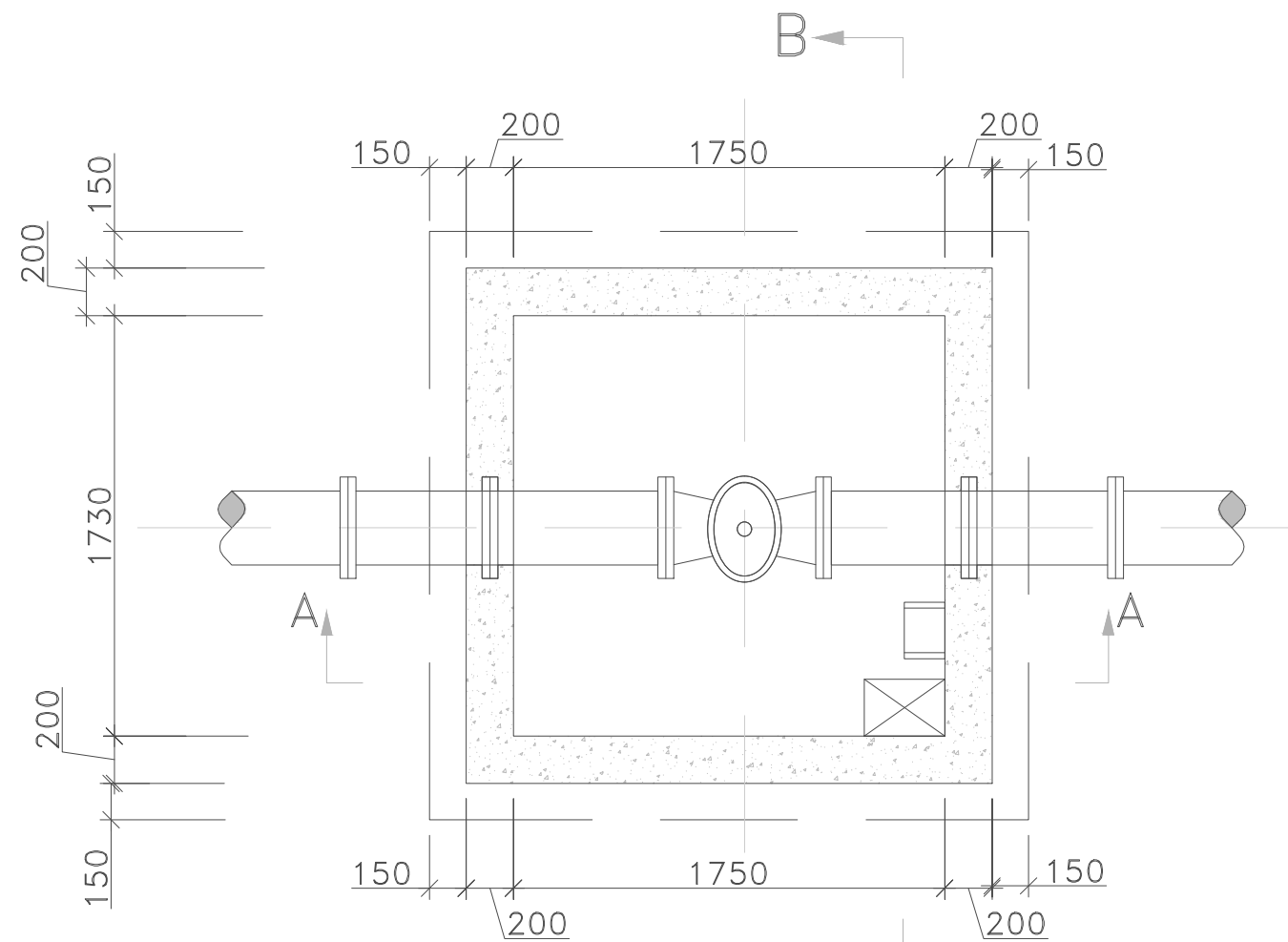
KERBS STONE

FENCE

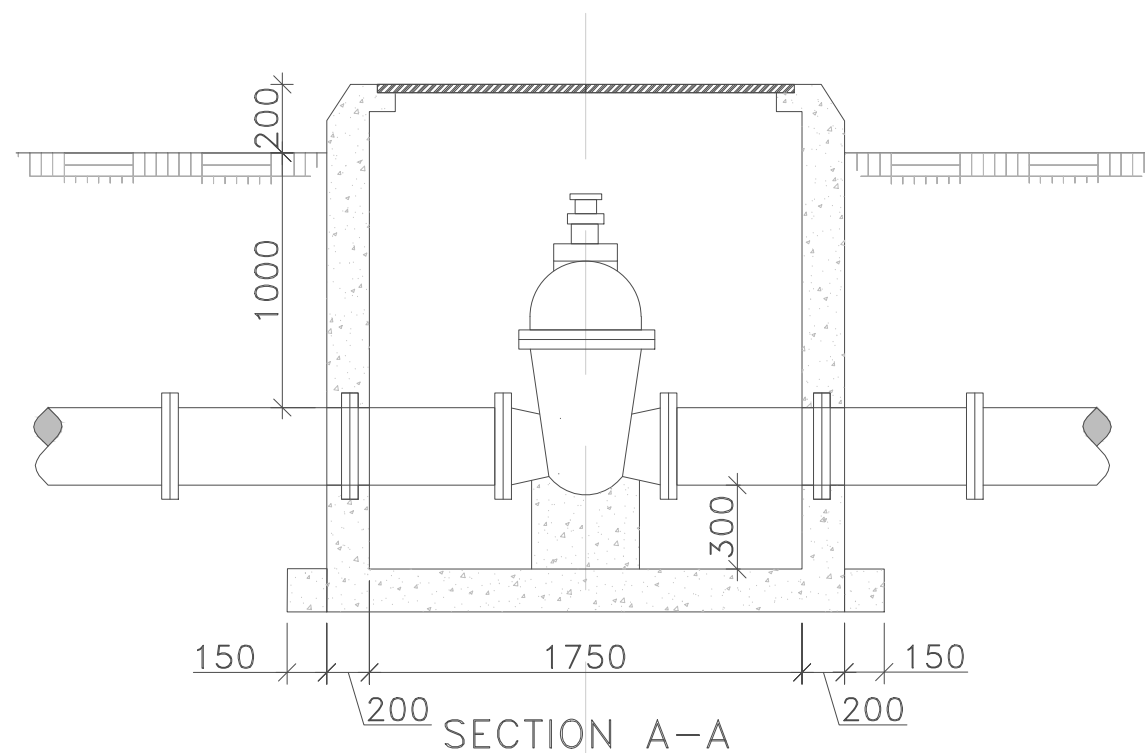
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|-------------------------------------|------------|---|--|---|------------|---|-------|---------------------|-------|
| Mark : Date : Made by : Revision | CLIENT: | USAID/MERCY CORPS | | PROJECT | SMALL TOWN | DRAWING TITLE | | Designed: Engr Soji | STAMP |
| | CONSULTANT | KONSADEM ASSOCIATES LTD <i>Engineers & Consultants</i> 30, Onireke Layout, P.M. B. 5478, Ibadan, NIGERIA. E-mail: konsadem@gmail.com | | 2ML CONSULTING NIGERIA LTD Office 8, B1-Close Off 69(A) Road Gwarinpa Abuja. | | ENGINEERING DESIGN OF WASH FACILITIES ACROSS BORNO, ADAMAWA AND YOBE (BAY) STATES Service Contract No: YOL SC 14 | | GANYE | |
| | | | | STATE | | DRAWING NO. | SCALE | Ref. No: | |
| | | | | BORNO-GANYE | | BB/TP/02 | | USAID/BAY/AD-GAN | |



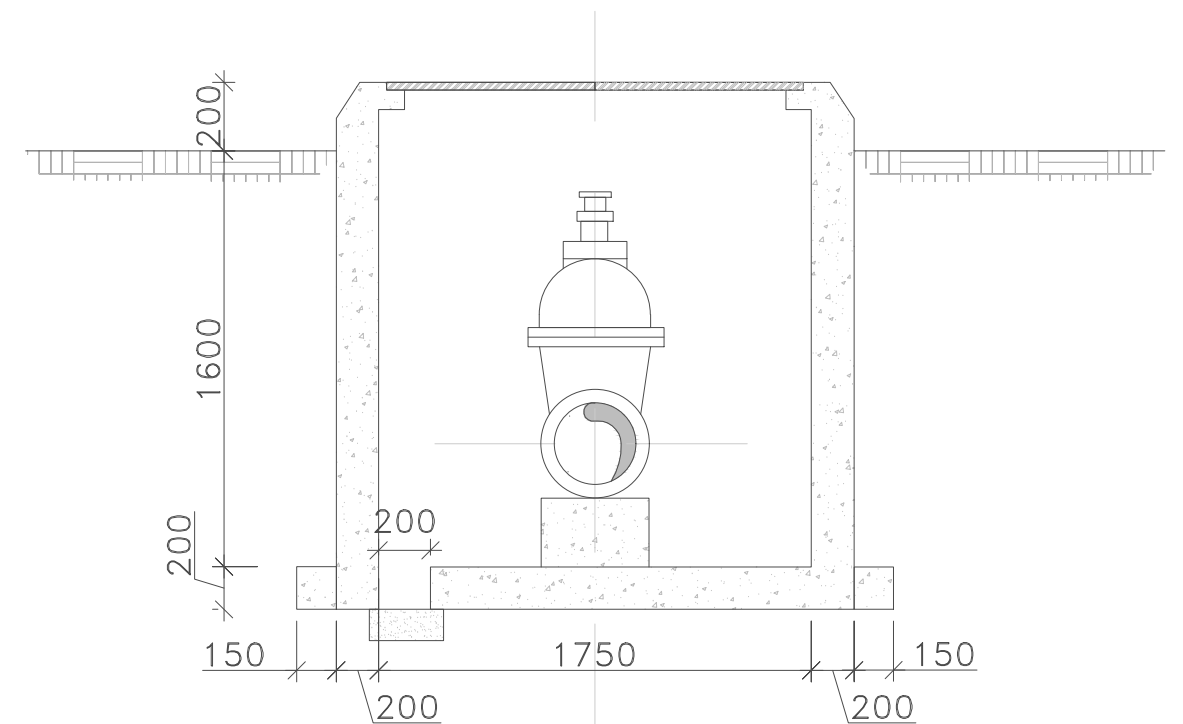
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| | | | STATE | | DRAWING NO. | SCALE | Ref. No: | |
| | | | ADAMAWA | | BB/TP/O 1 | | USAID/BAY/AD-GAN | |



PLAN GATE VALVE IN FULL SIZE BOX



SECTION A-A




SECTION B-B

| | | | |
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| Mark : | Date : | Made by : | Revision |
|--------|--------|-----------|----------|

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KONSADEM ASSOCIATES LTD
 Engineers & Consultants
 30, Onireke Layout,
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 E-mail: konsadem@gmail.com

2ML CONSULTING NIGERIA LTD
 Office 8, B1-Close Off 69(A) Road
 Gwarinpa Abuja.



PROJECT:
 ENGINEERING DESIGN OF WASH
 FACILITIES ACROSS BORNO, ADAMAWA
 AND YOBE (BAY) STATES
 Service Contract No: YOL SC 14

STATE:

SMALL TOWN:
 GANYE

DRAWING TITLE:
 GRA GOVERNMENT GIRLS PRIMARY AND
 SECONDARY SCHOOL, GANGARASO.
 TYPICAL GATE VALVE DETAILS

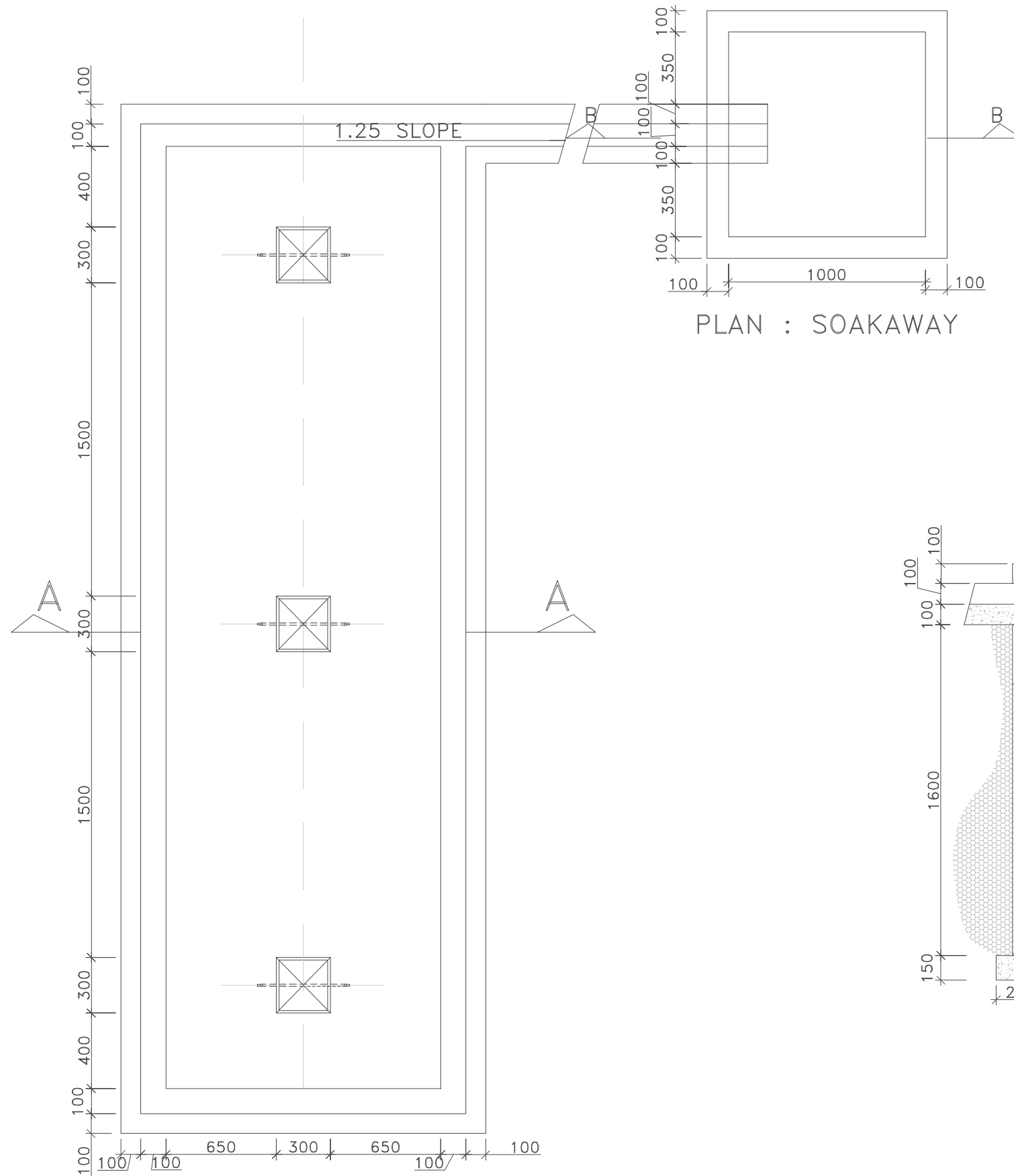
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SCALE:

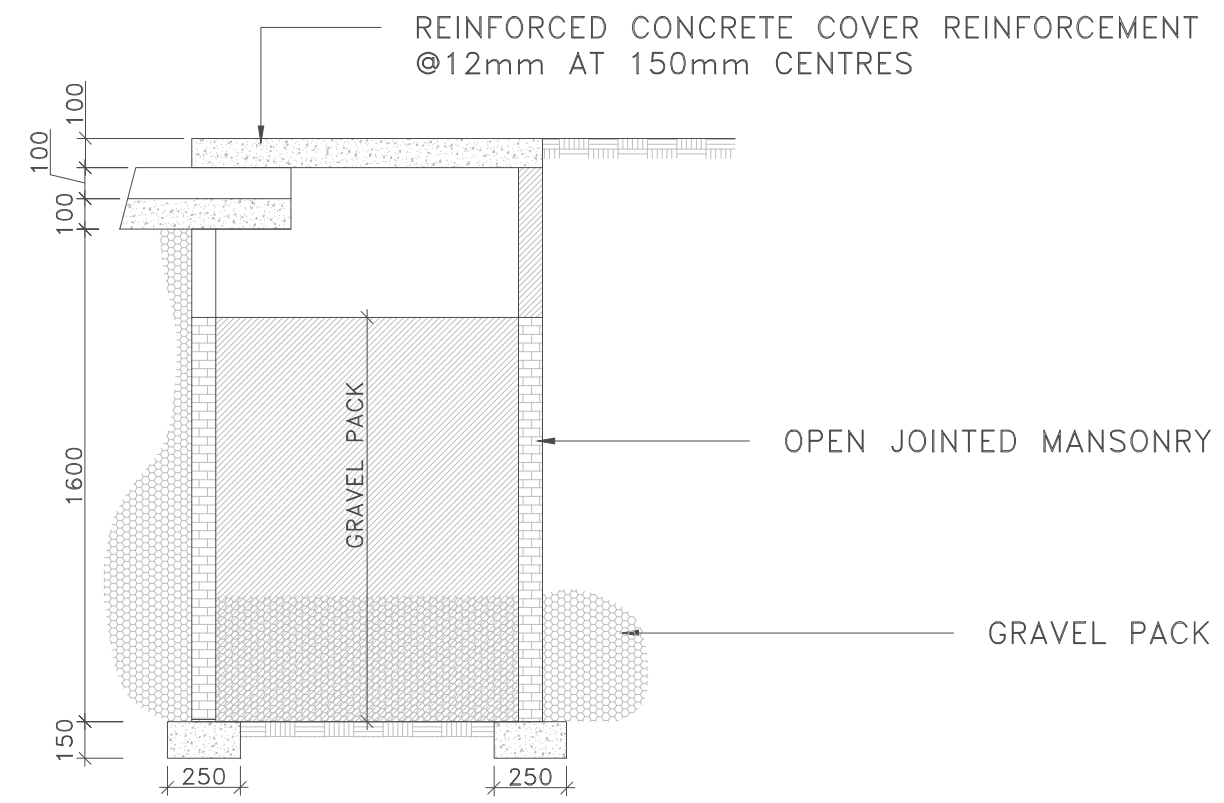
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Drawn: Damola
Traced:
Checked: Engr Soji
Date: MAY 2021

Ref. No: USAID/BAY/AD-GAN

STAMP



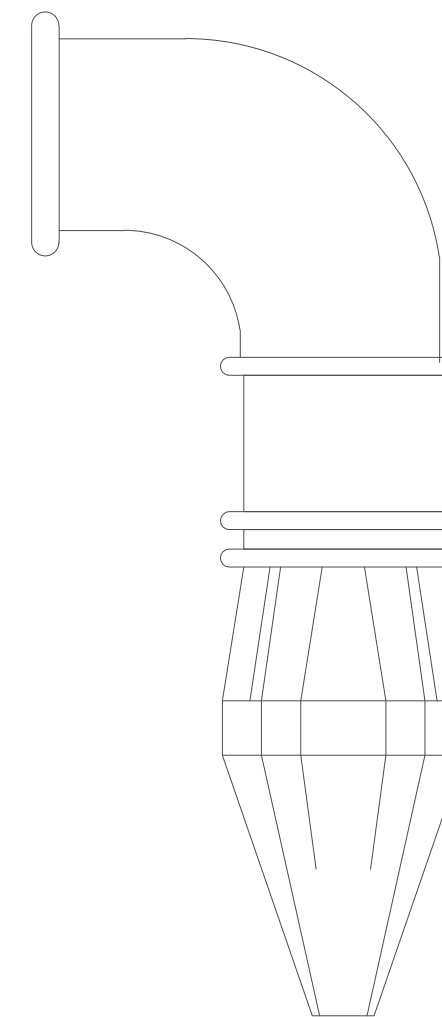
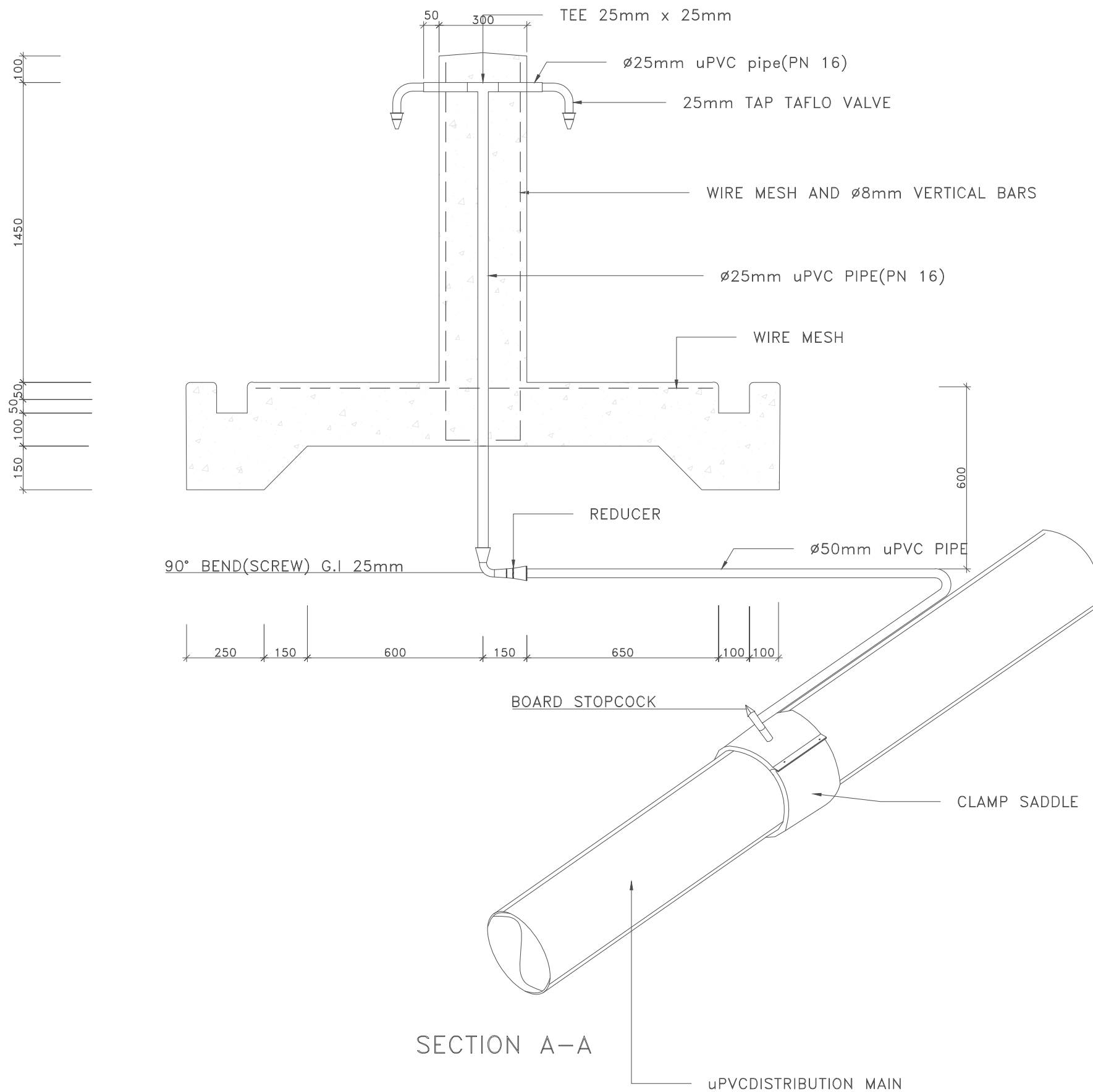
PLAN : SOAKAWAY



SECTION B-B

PLAN : PUBLIC STAND POST

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| | CONSULTANT | KONSADEM ASSOCIATES LTD Engineers & Consultants 30, Onireke Layout, P.M. B. 5478, Ibadan, NIGERIA. E-mail:konsadem@gmail.com | 2ML CONSULTING NIGERIA LTD Office 8, B1-Close Off 69(A) Road Gwarinpa Abuja. | GANYE | GRA GOVERNMENT GIRLS PRIMARY AND SECONDARY SCHOOL, GANGARASO. TYPICAL PUBLIC STAND POST DETAILS | Drawn : Damola Traced : Checked : Engr Soji Date : MAY 2021 | |
| | | | STATE | | DRAWING NO. BB/TP/04 | SCALE | Ref. No: USAID/BAY/AD-GAN |

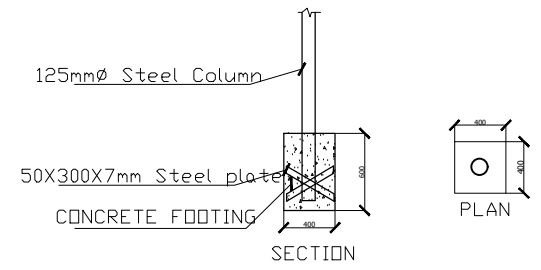
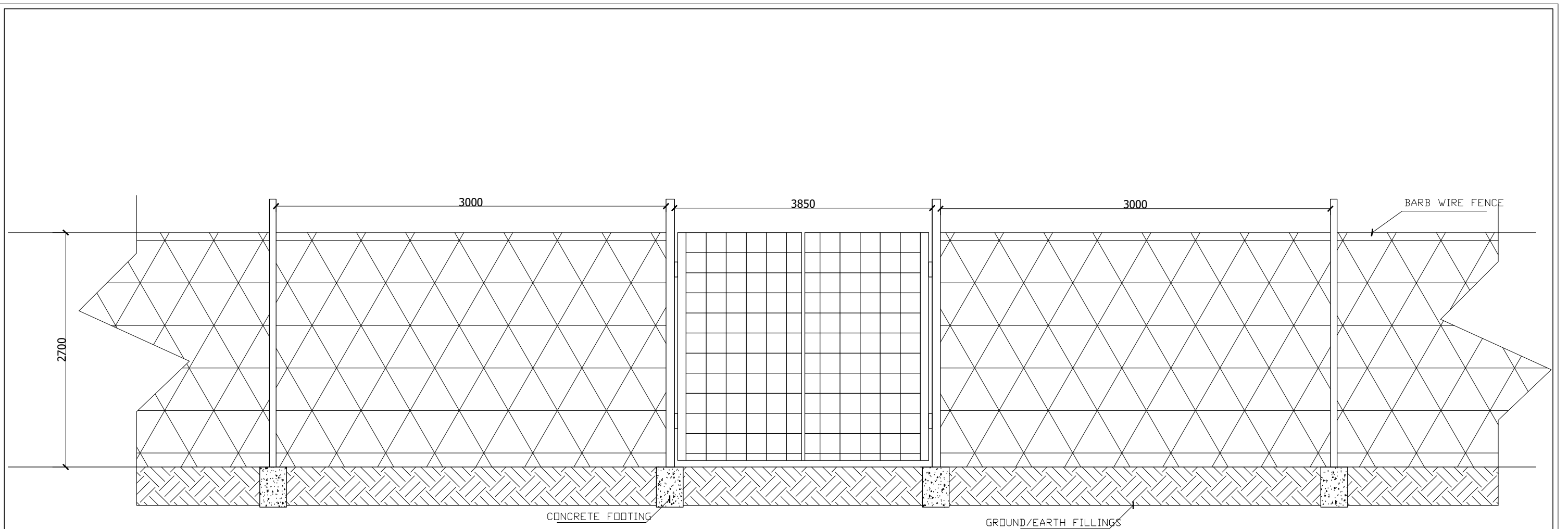


TAFLO TABLOT VALVE

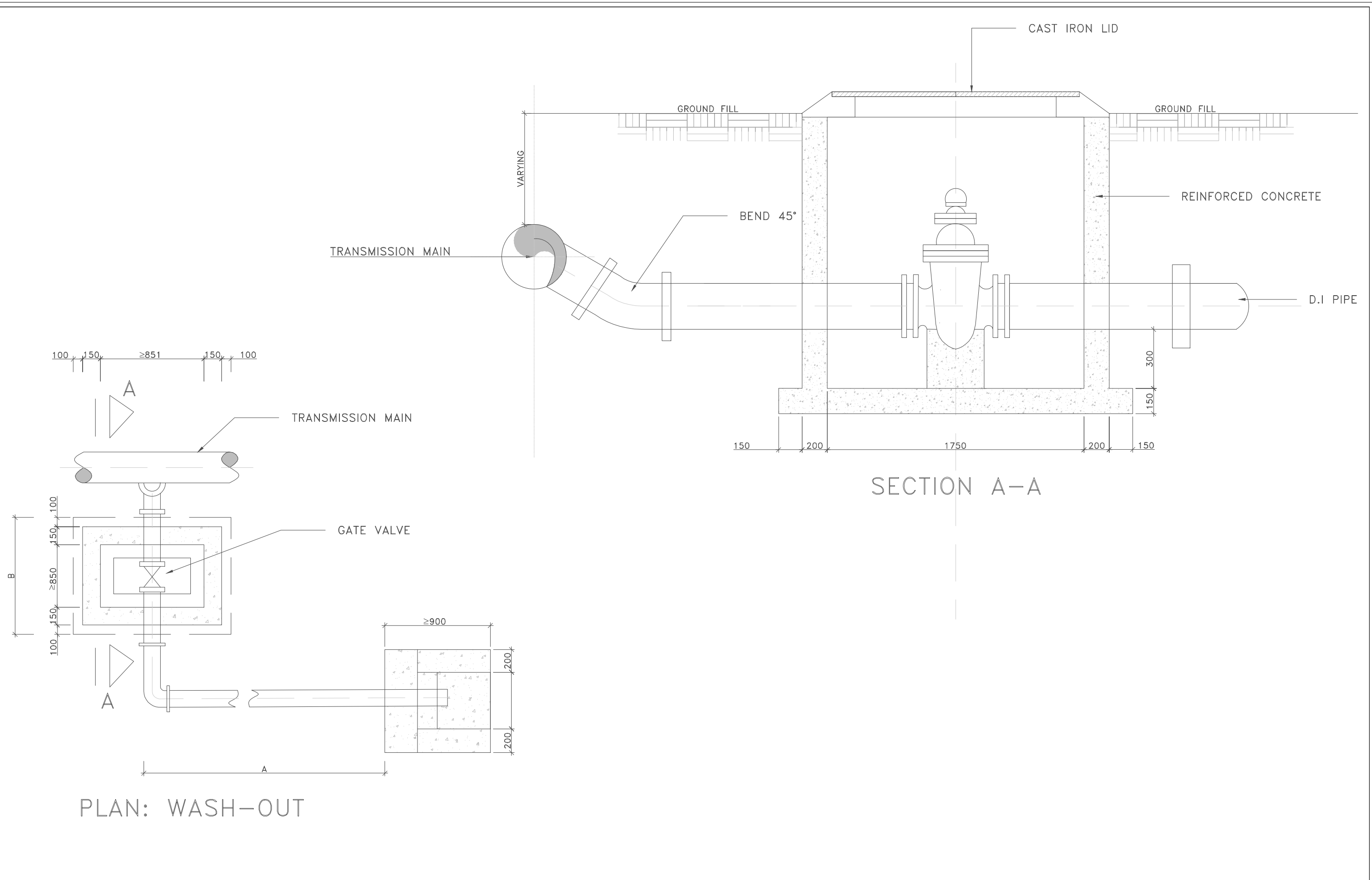
SECTION A-A


uPVC DISTRIBUTION MAIN

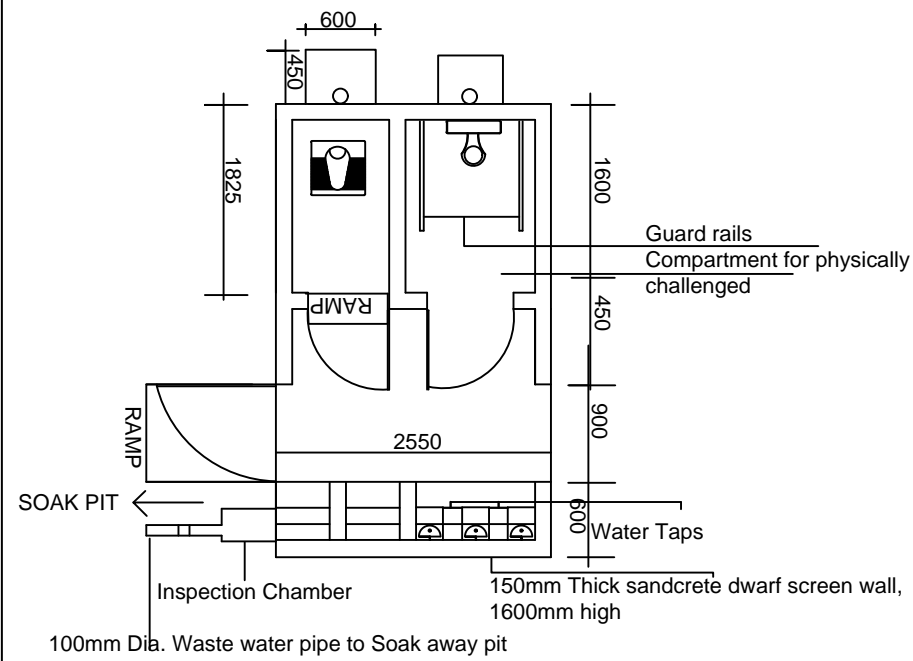
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| | | | STATE | | DRAWING NO. BB/TP/05 | SCALE | Ref. No: USAID/BAY/AD-GAN |



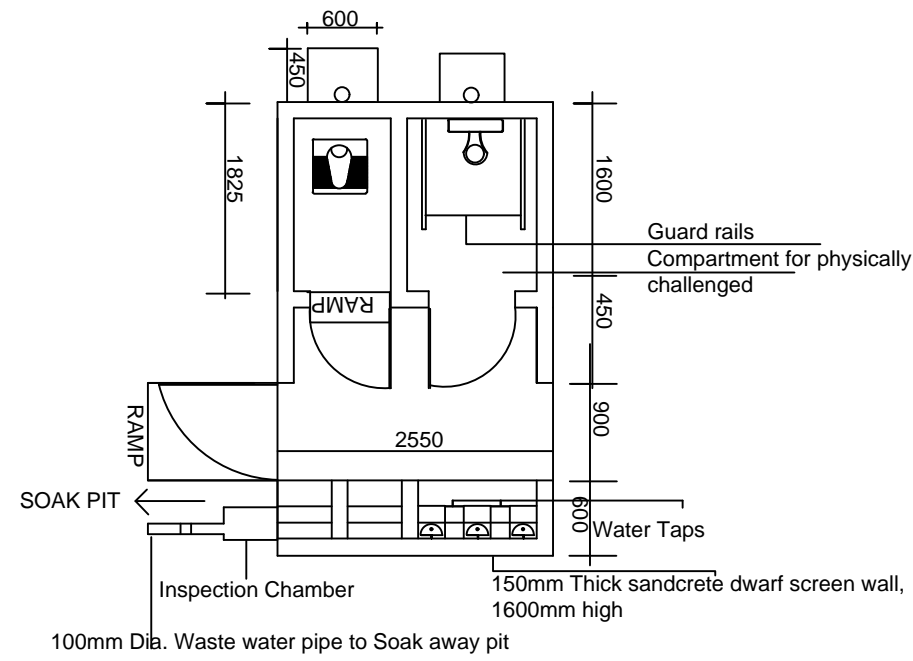
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| | | | | STATE | | DRAWING NO. | SCALE | Ref. No: |
| | | | | | | BB/TP/06 | | USAID/BAY/AD-GAN |



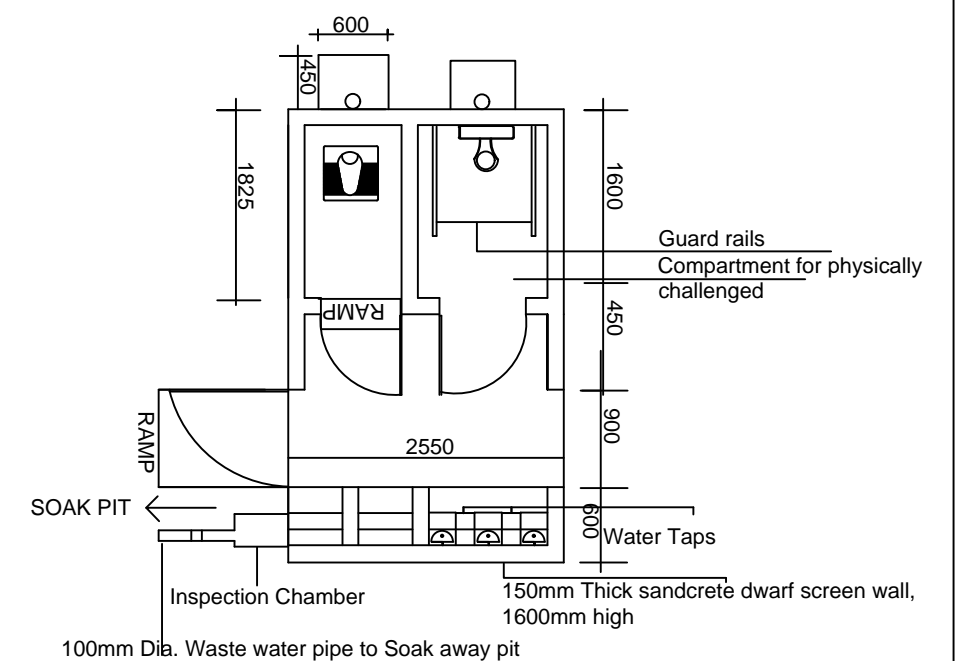
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| | | | 2ML CONSULTING NIGERIA LTD Office 8, B1-Close Off 69(A) Road Gwarinpa Abuja, | STATE | | DRAWING NO. BB/TP/07 | SCALE | Ref. No: USAID/BAY/AD-GAN |



TWO COMPARTMENT POUR FLUSH LATRINE (FEMALE)

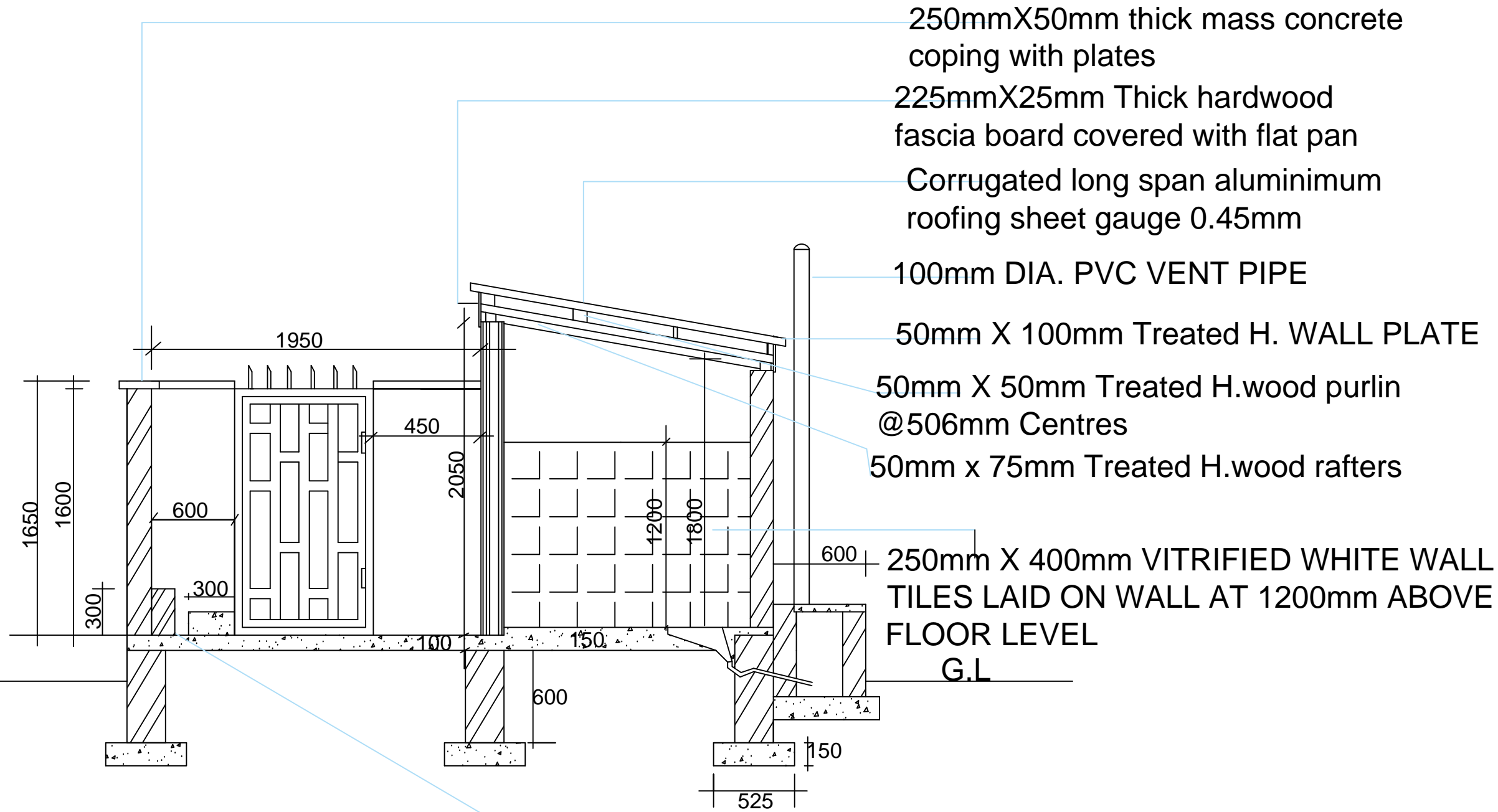


TWO COMPARTMENT POUR FLUSH LATRINE (MALE)



TWO COMPARTMENT POUR FLUSH LATRINE TEACHERS

| | | | | | | | |
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| | | | STATE | | DRAWING NO. | Checked : Engr Soji | Date : MAY 2021 |
| | | | ADAMAWA | | BB/BD/O I | SCALE | Ref. No: USAID/BAY/BU-00 |



250mmX50mm thick mass concrete coping with plates

225mmX25mm Thick hardwood fascia board covered with flat pan

Corrugated long span aluminium roofing sheet gauge 0.45mm

100mm DIA. PVC VENT PIPE

50mm X 100mm Treated H. WALL PLATE

50mm X 50mm Treated H.wood purlin @506mm Centres

50mm x 75mm Treated H.wood rafters

250mm X 400mm VITRIFIED WHITE WALL TILES LAID ON WALL AT 1200mm ABOVE FLOOR LEVEL

300mm X 300mm VITRIFIED ROUGH WHITE FLOOR TILES LAID ON TOILET FLOOR AND URINARY TROUGHS

SECTION A-A

| | | | | | | | | |
|----------------------------------|------------|---|--|---|------------|---|--|-----------------|
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| | | | | STATE | | DRAWING NO. | SCALE | Ref. No: |
| | | | | ADAMAWA | | BB/BD/O I | | USAID/BAY/BU-00 |