

ENGINEERING DRAWINGS

FOR

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

Service Contract No: YOL SC 14

DUMNE - ZA-DUMNE PRIMARY SCHOOL

CLIENT:



USAID/MERCY CORPS

CONSULTANTS:



KONSADEM ASSOCIATES LTD

Engineers & Consultants

30, Onireke Layout,

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

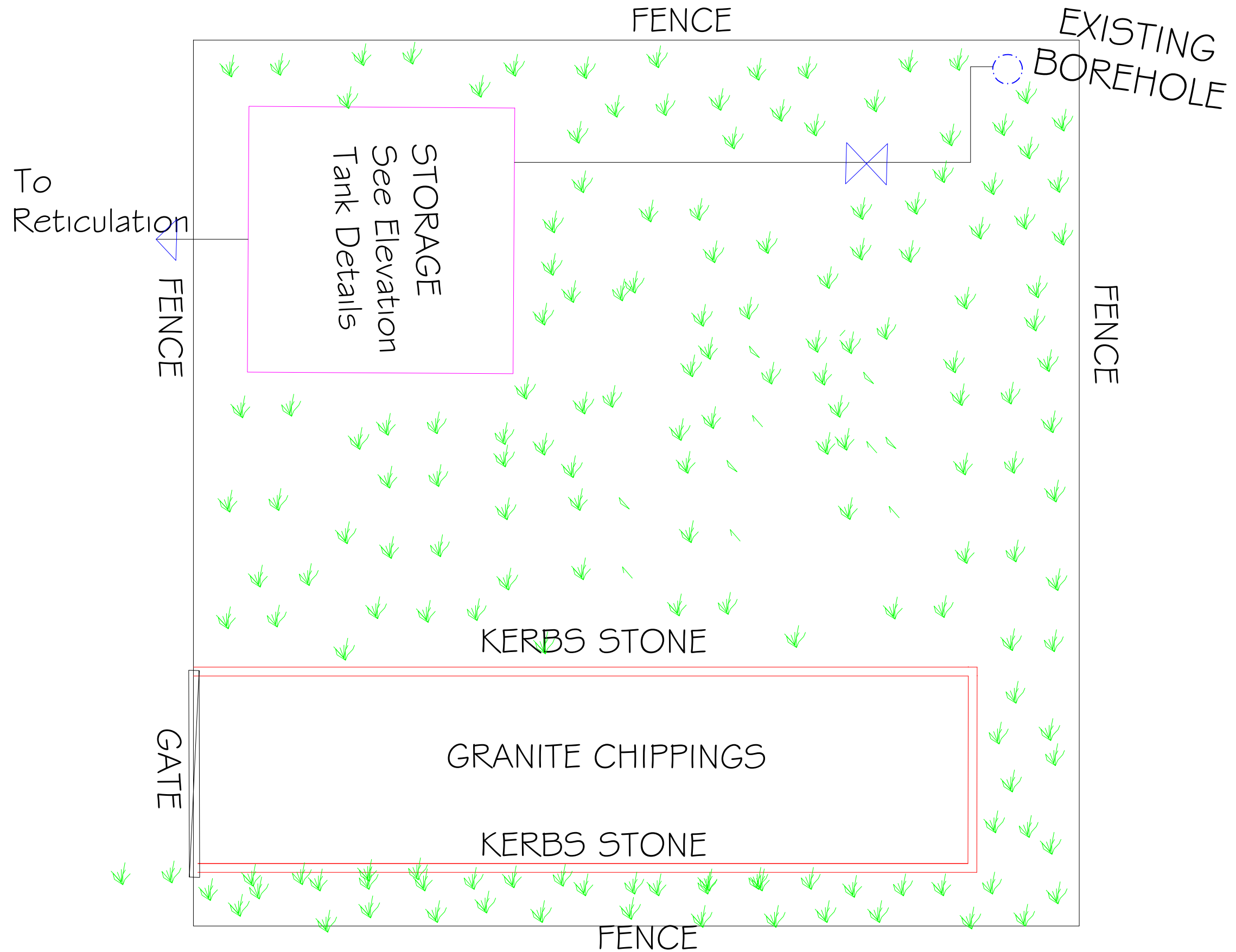
E-mail: konsadem@gmail.com

2ML CONSULTING NIGERIA LTD

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

Gwarinpa Abuja,

MAY, 2021.



Mark :	Date :	Made by :	Revision
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CLIENT: USAID/MERCY CORPS

CONSULTANT
KONSADEM ASSOCIATES LTD
Engineers & Consultants
 30, Onireke Layout,
 P.M. B. 5478, Ibadan, NIGERIA.
 E-mail: konsadem@gmail.com

ZML 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
 ADAMAWA - DUMNE

SMALL TOWN
 DUMNE

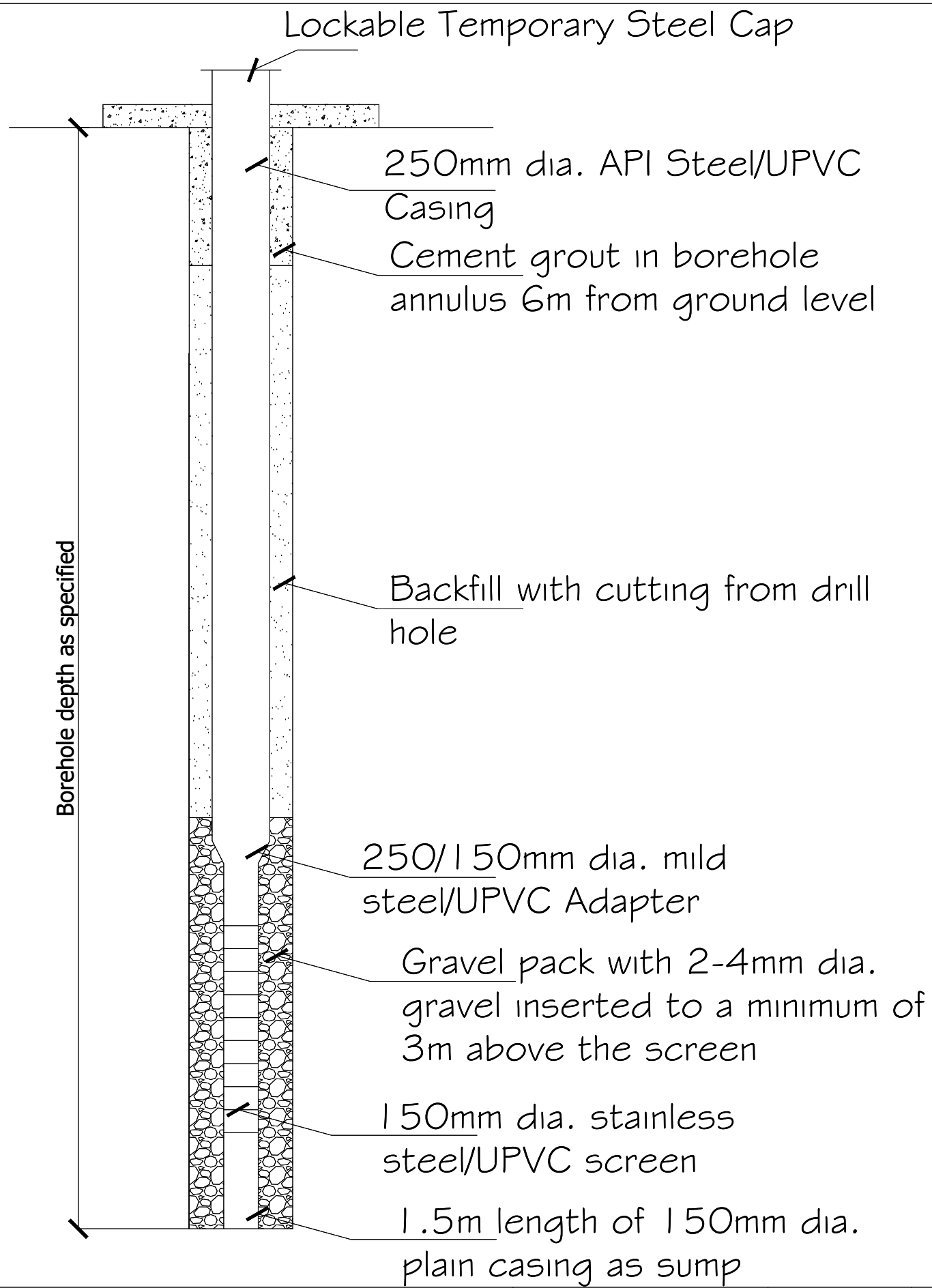
DRAWING TITLE
 ZA-Dumne Primary School

SCHEME LAYOUT

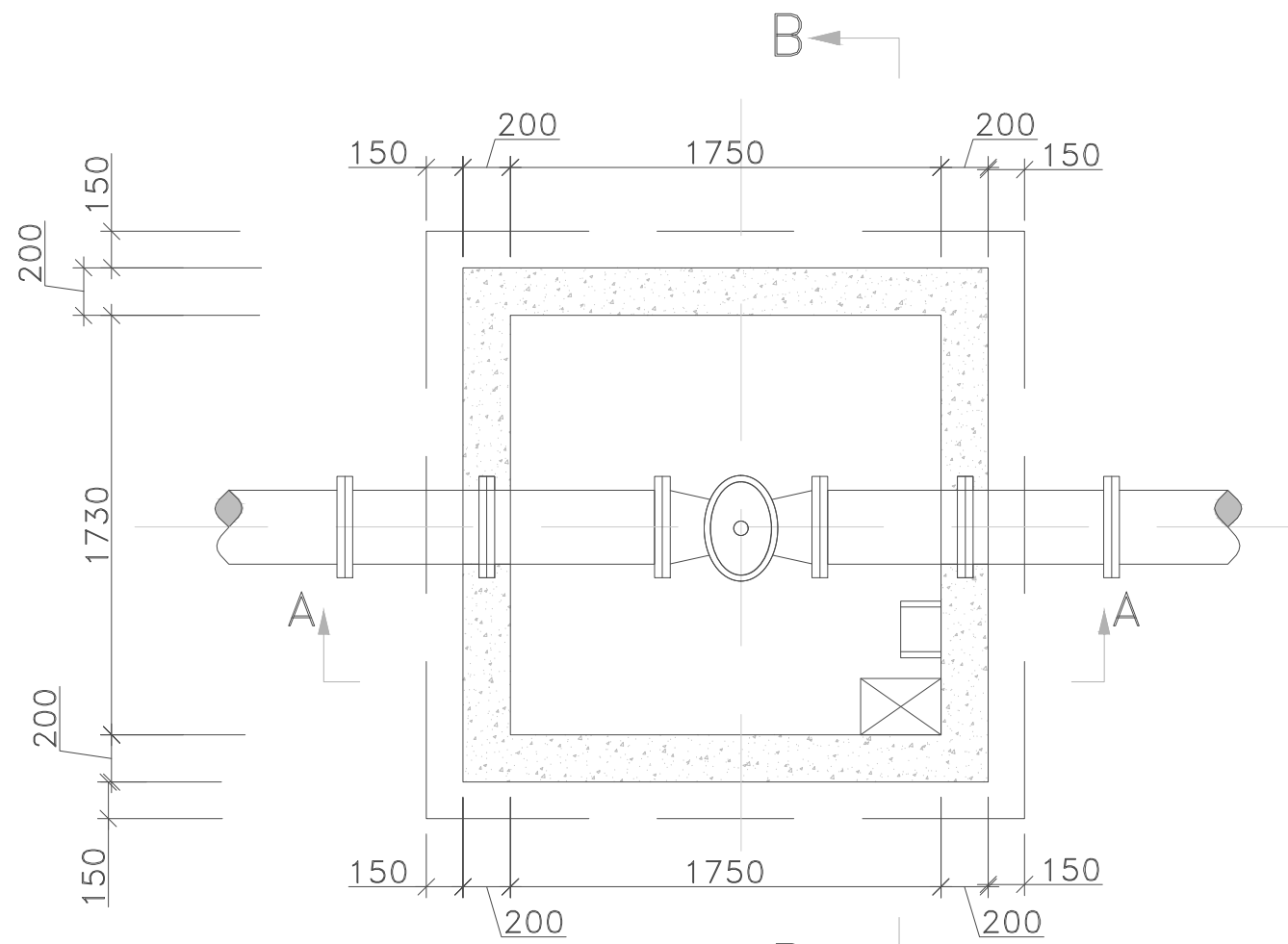
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 BB/TP/02

SCALE

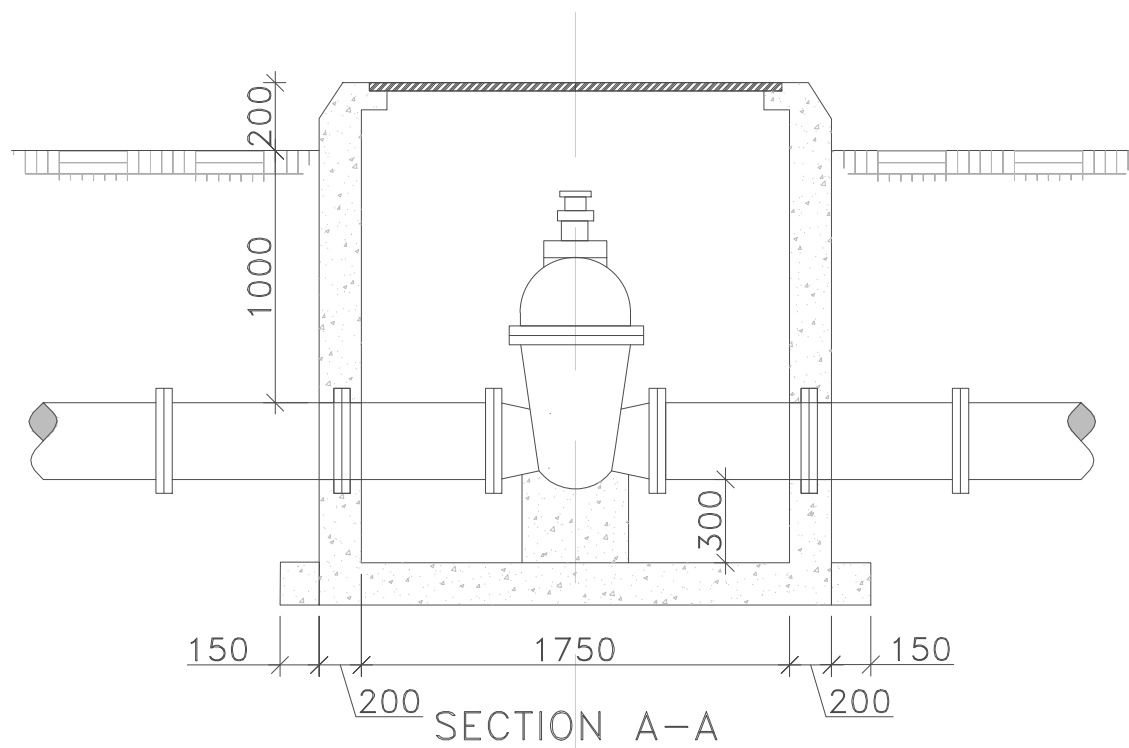
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Drawn : Damola	
Traced :	
Checked : Engr Soji	
Date : MAY 2021	
Ref. No: USAID/BAY/AD-DUM	



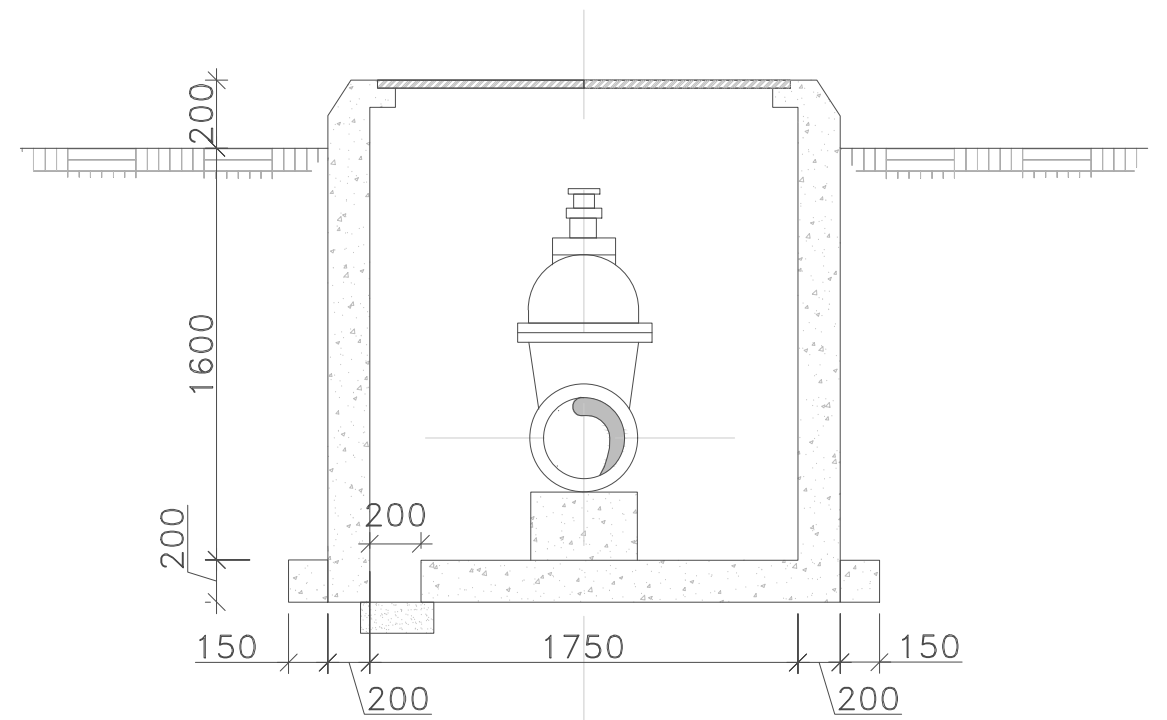
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	CONSULTANT	KONSADEM ASSOCIATES LTD Engineers & Consultants 30, Onireke Layout, P.M. B. 5478, Ibadan, NIGERIA. E-mail: konsadem@gmail.com	2ML CONSULTING NIGERIA LTD Office 8, B1-Close Off 69(A) Road Gwarinpa Abuja.	ENGINEERING DESIGN OF WASH FACILITIES ACROSS BORNO, ADAMAWA AND YOBE (BAY) STATES Service Contract No: YOL SC 14	DUMNE	ZA-Dumne Primary School	
			STATE		BOREHOLE DETAILS	Ref. No:	
			ADAMAWA		DRAWING NO. BB/TP/O I	SCALE	USAID/BAY/DUM



PLAN GATE VALVE IN FULL SIZE BOX

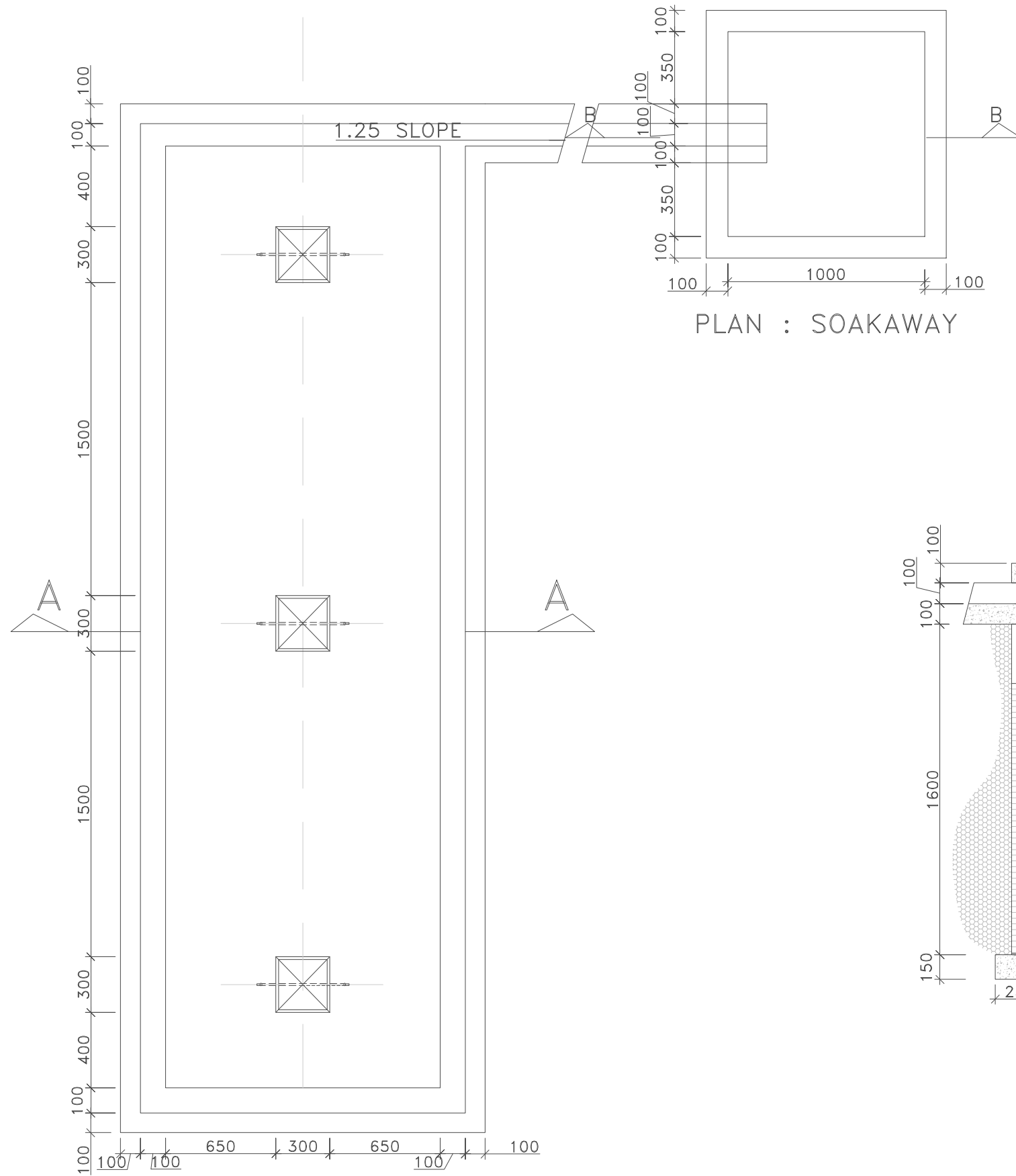


SECTION A-A



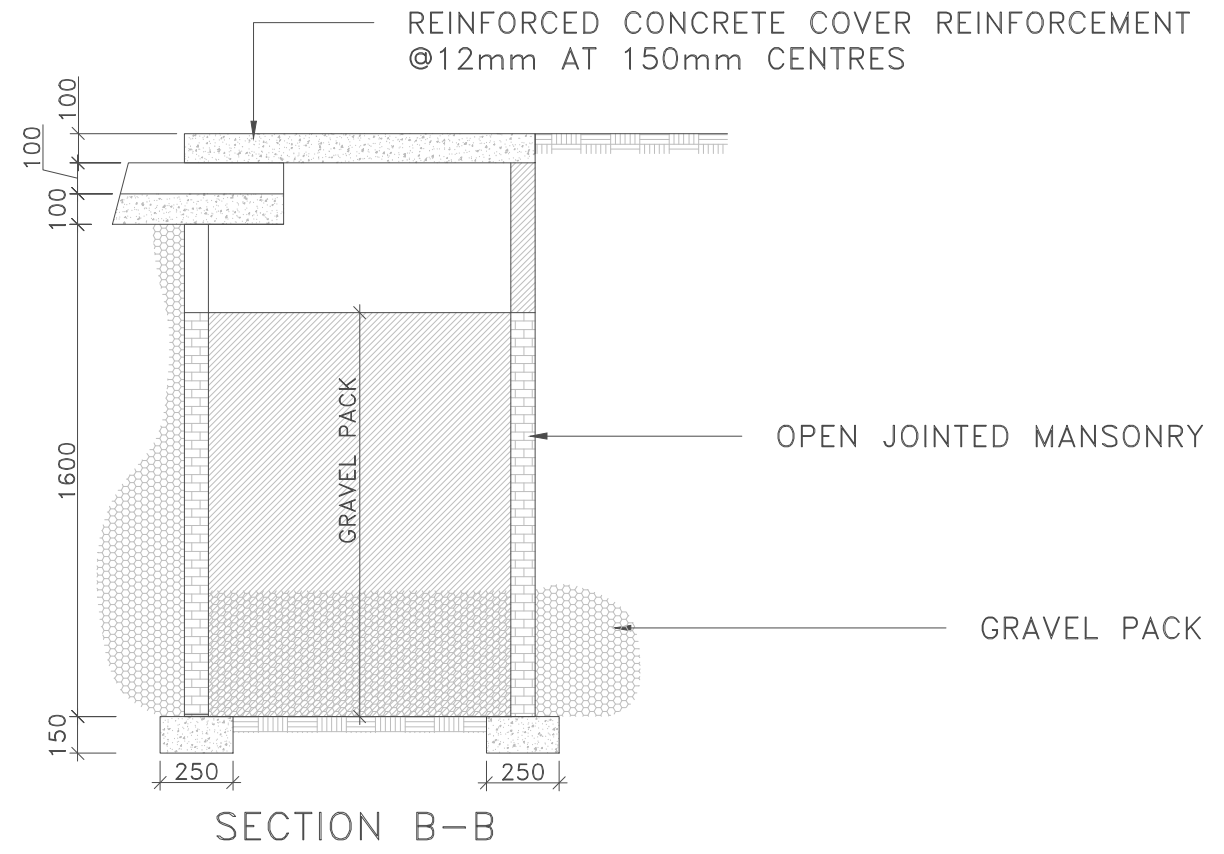
SECTION B-B

Mark : Date : Made by : Revision	CLIENT:	USAID/MERCY CORPS	PROJECT	SMALL TOWN	DRAWING TITLE	Designed: Engr Soji	STAMP
	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.	ENGINEERING DESIGN OF WASH FACILITIES ACROSS BORNO, ADAMAWA AND YOBE (BAY) STATES Service Contract No: YOL SC 14	DUMNE	ZA-Dumne Primary School	
			STATE		TYPICAL GATE VALVE DETAILS	Traced : Checked : Engr Soji Date : MAY 2021	
			ADAMAWA		DRAWING NO. BB/TP/03	SCALE	Ref. No: USAID/BAY/AD-DUM



PLAN : SOAKAWAY

PLAN : PUBLIC STAND POST



SECTION B-B

Mark :	Date :	Made by :	Revision

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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:
 ADAMAWA

SMALL TOWN:
 DUMNE

DRAWING TITLE:
 ZA-Dumne Primary School
 TYPICAL PUBLIC STAND POST DETAILS

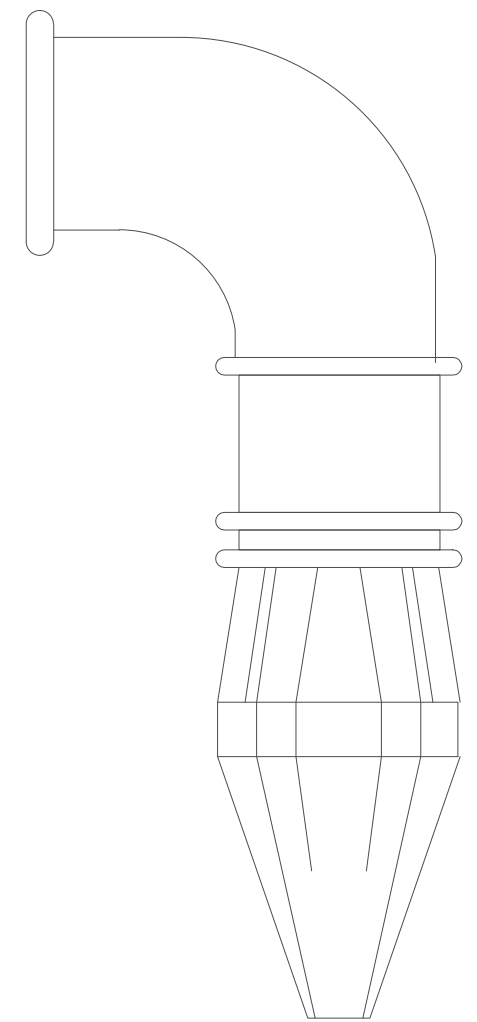
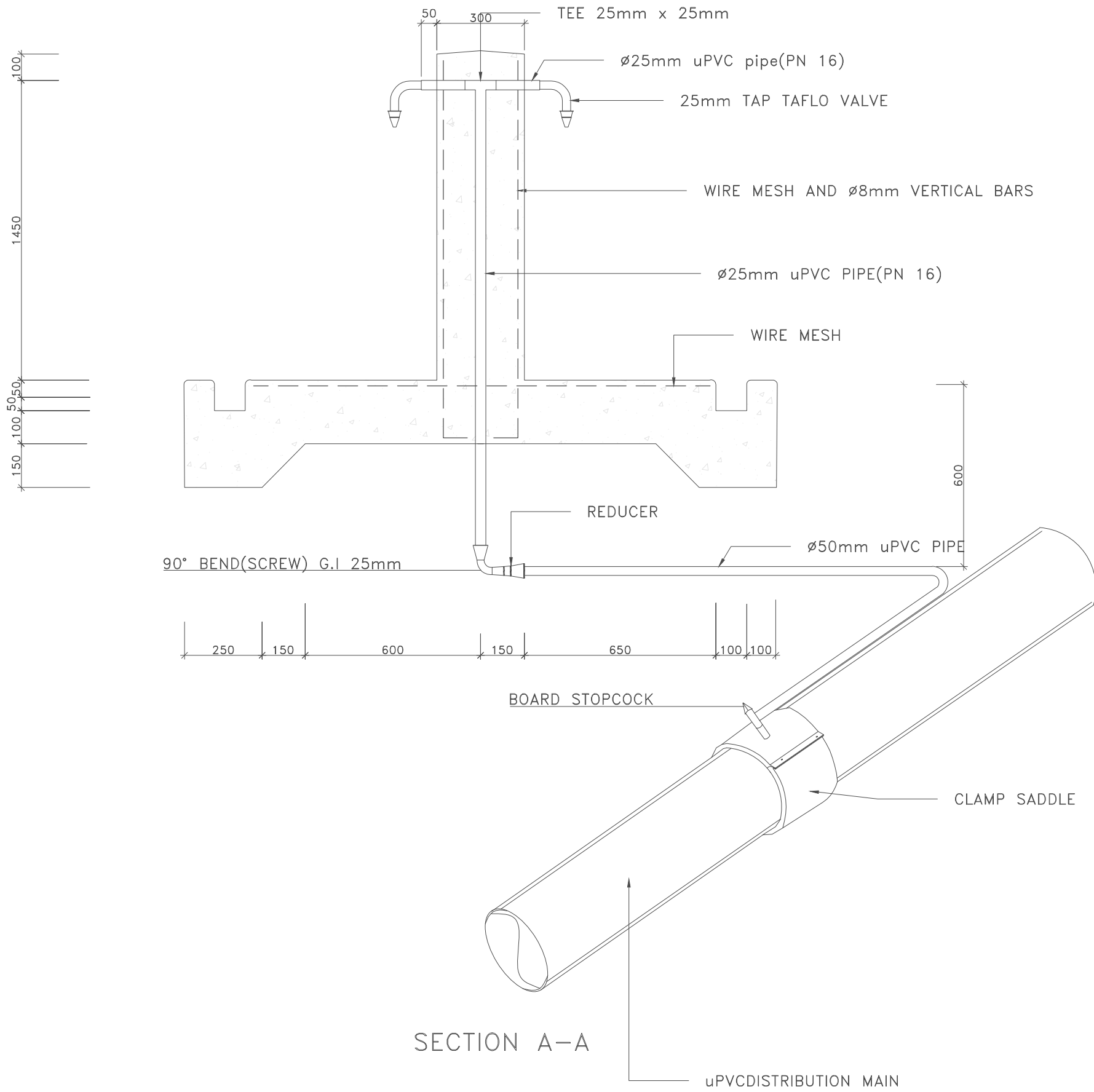
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Checked: Engr Soji
Date: MAY 2021

Ref. No:
 USAID/BAY/AD-DUM

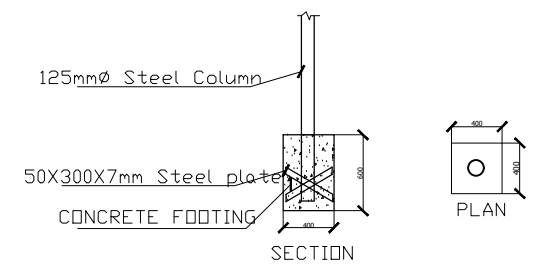
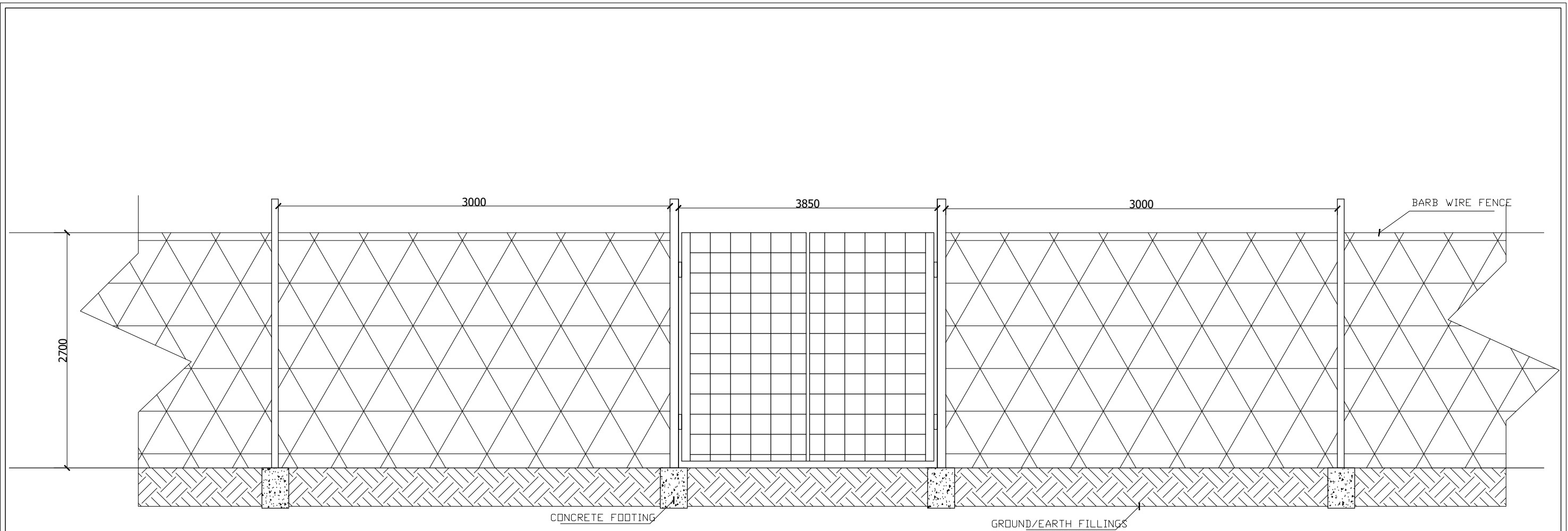
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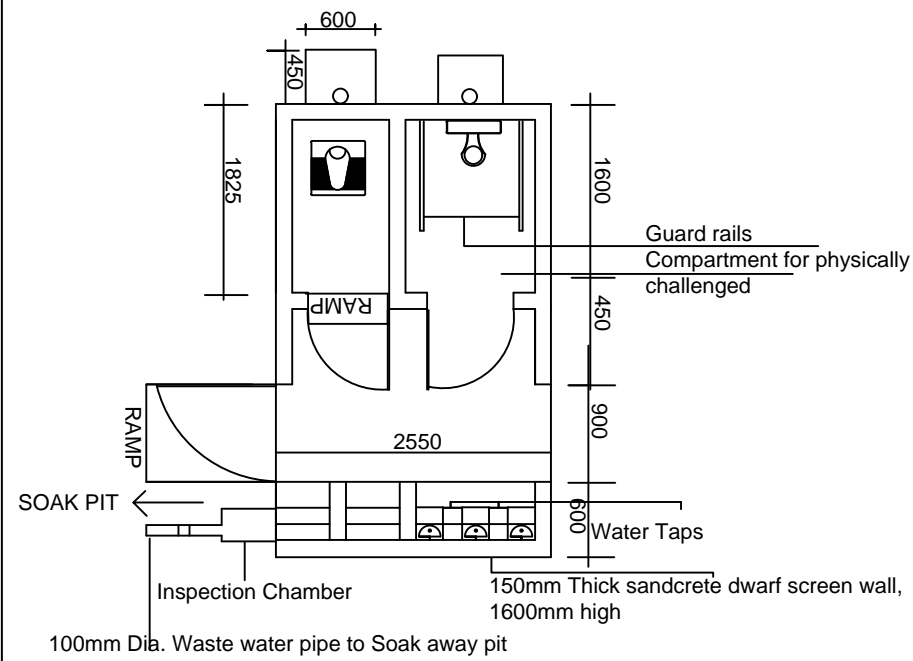
TAFLO TABLOT VALVE

SECTION A-A

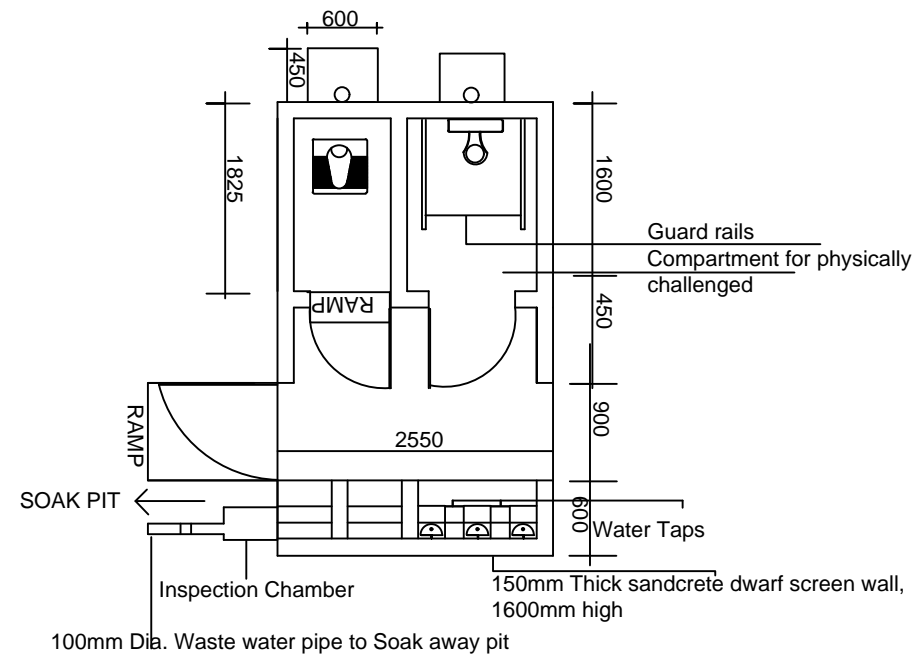
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	CONSULTANT	KONSADEM ASSOCIATES LTD Engineers & Consultants 30, Onireke Layout, P.M. B. 5478, Ibadan, NIGERIA. E-mail:konsadem@gmail.com	2ML CONSULTING NIGERIA LTD Office 8, B1-Close Off 69(A) Road Gwarinpa Abuja,	DUMNE	ZA-Dumne Primary School	Drawn :	Damola	
			ADAMAWA		TYPICAL PUBLIC STAND POST DETAILS	Traced :		
					DRAWING NO.	Checked :	Engr Soji	
					SCALE	Date :	MAY 2021	
					BB/TP/05	Ref. No:	USAID/BAY/AD-DUM	



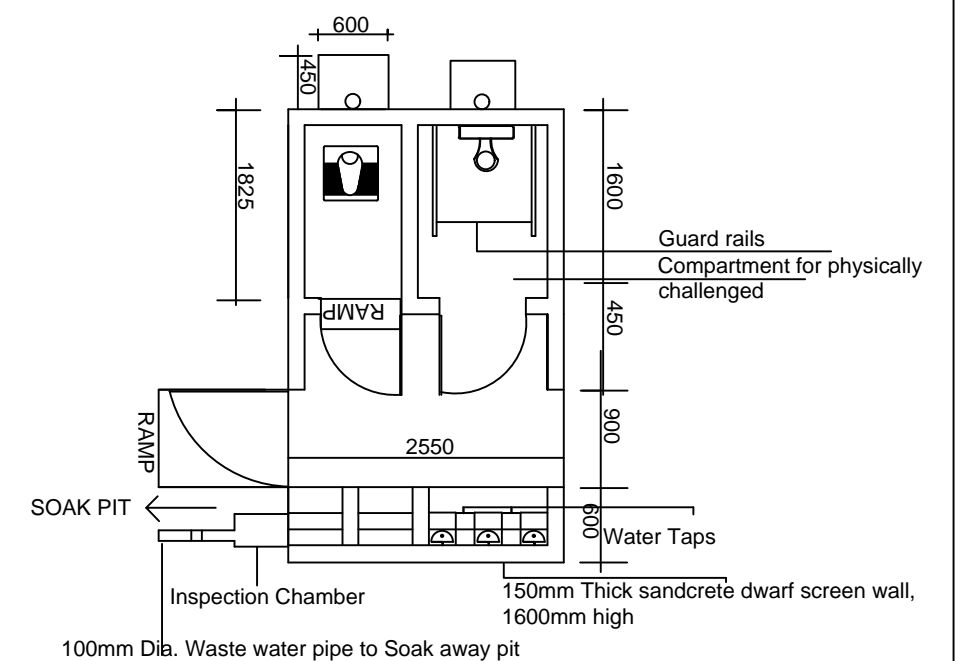
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				STATE		GATE AND FENCE DETAILS	Ref. No:	
				ADAMAWA		DRAWING NO. BB/TP/OG	SCALE	USAID/BAY/AD-DUM



TWO COMPARTMENT POUR FLUSH LATRINE (FEMALE)

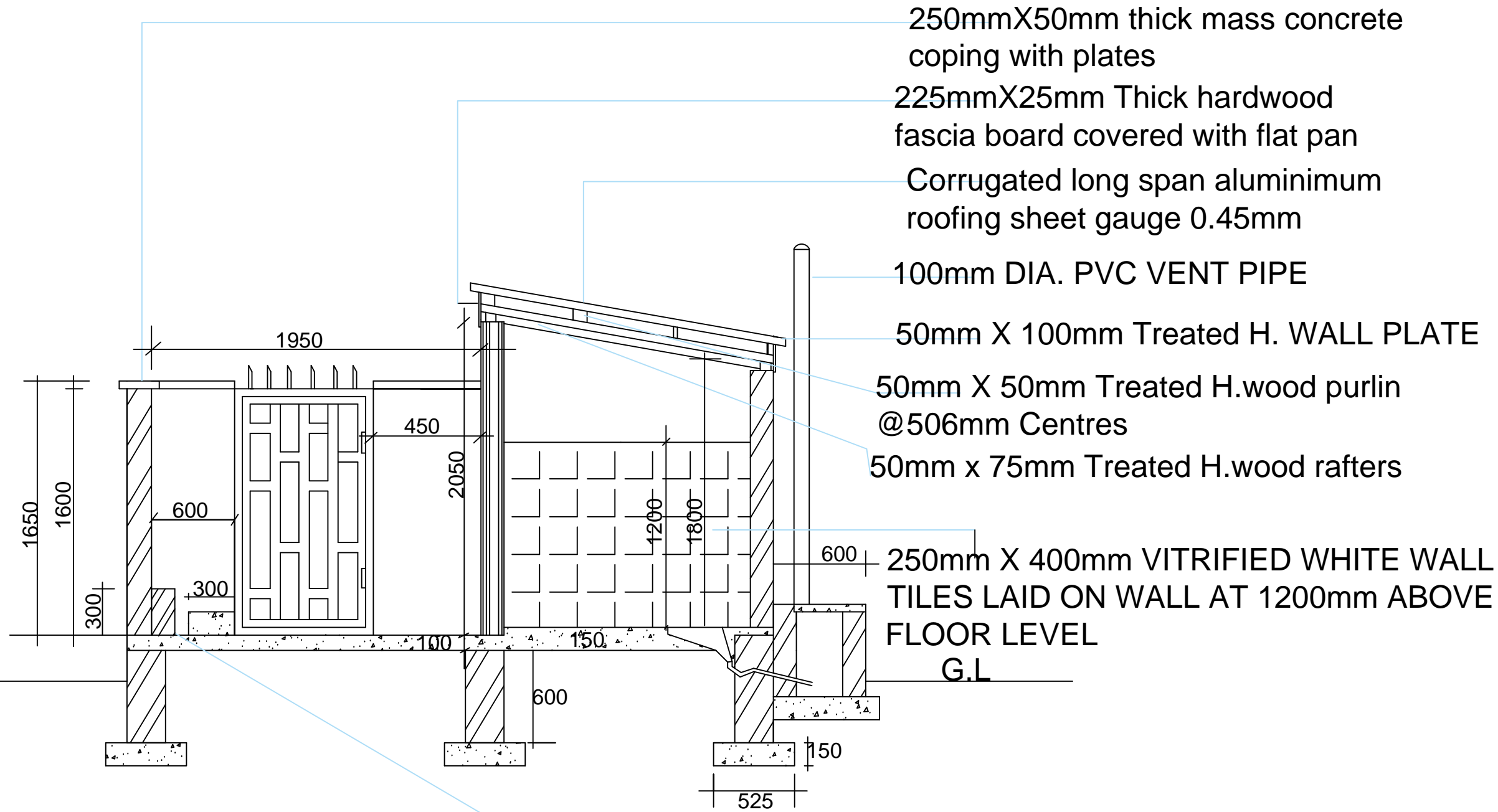


TWO COMPARTMENT POUR FLUSH LATRINE (MALE)



TWO COMPARTMENT POUR FLUSH LATRINE TEACHERS

Mark : Date : Made by : Revision	CLIENT:	USAID/MERCY CORPS		PROJECT	SMALL TOWN	DRAWING TITLE	Designed: Engr Soji	STAMP
	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.	DUNME	POUR FLUSH LATRINE FLOOR PLAN FOR ZA DUMNE PRY SCHOOL.	Drawn : Damola Traced : Checked : Engr Soji Date : MAY 2021	
				STATE		DRAWING NO.	SCALE	Ref. No:
				ADAMAWA		BB/BD/O I		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

Mark : Date : Made by : Revision	CLIENT:	USAID/MERCY CORPS		PROJECT	SMALL TOWN	DRAWING TITLE	Designed: Engr Soji	STAMP
	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.	DUNME	POUR FLUSH LATRINE SECTION FOR ZA DUMNE PRY SCH.	Drawn : Damola Traced : Checked : Engr Soji Date : MAY 2021	
				STATE	ADAMAWA	DRAWING NO.	SCALE	Ref. No:
						BB/BD/O I		USAID/BAY/BU-00