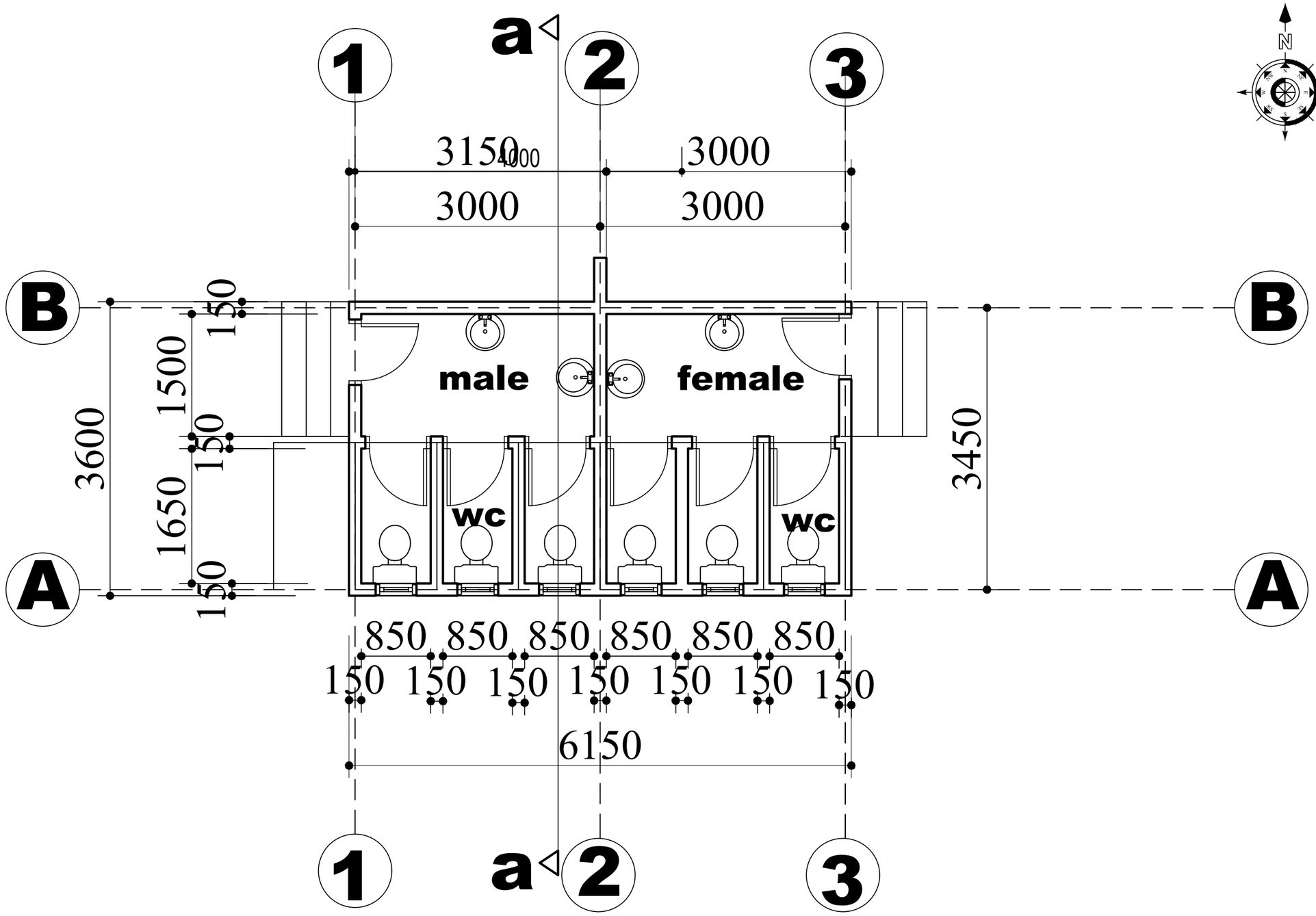
CONSTRUCTION OF SIX SEATER WC TOILET

FOR

AWUTU SENYA DISTRICT

@

ASDA. C.R



GROUND FLOOR PLAN

GROUND PLAN

SCALE - 1:100

PROJECT REFERENCE:
ASDA/WKS/26

PROJECT:
SIX SEATER WC TOILET

ORIENTATION

CLIENT:
AWUTU SENYA DISTRICT ASSEMBLY

TITLE:
GROUND PLAN

SPECIFICATIONS

NOTE:

1. SHALL BE CERTIFIED BY AN EXPERIENCED CIVIL ENGINEER.

LOCATION:
AWUTU SENYA DISTRICT ASSEMBLY. C.R

DESIGNED BY:
DESMOND ADU-APPIAH

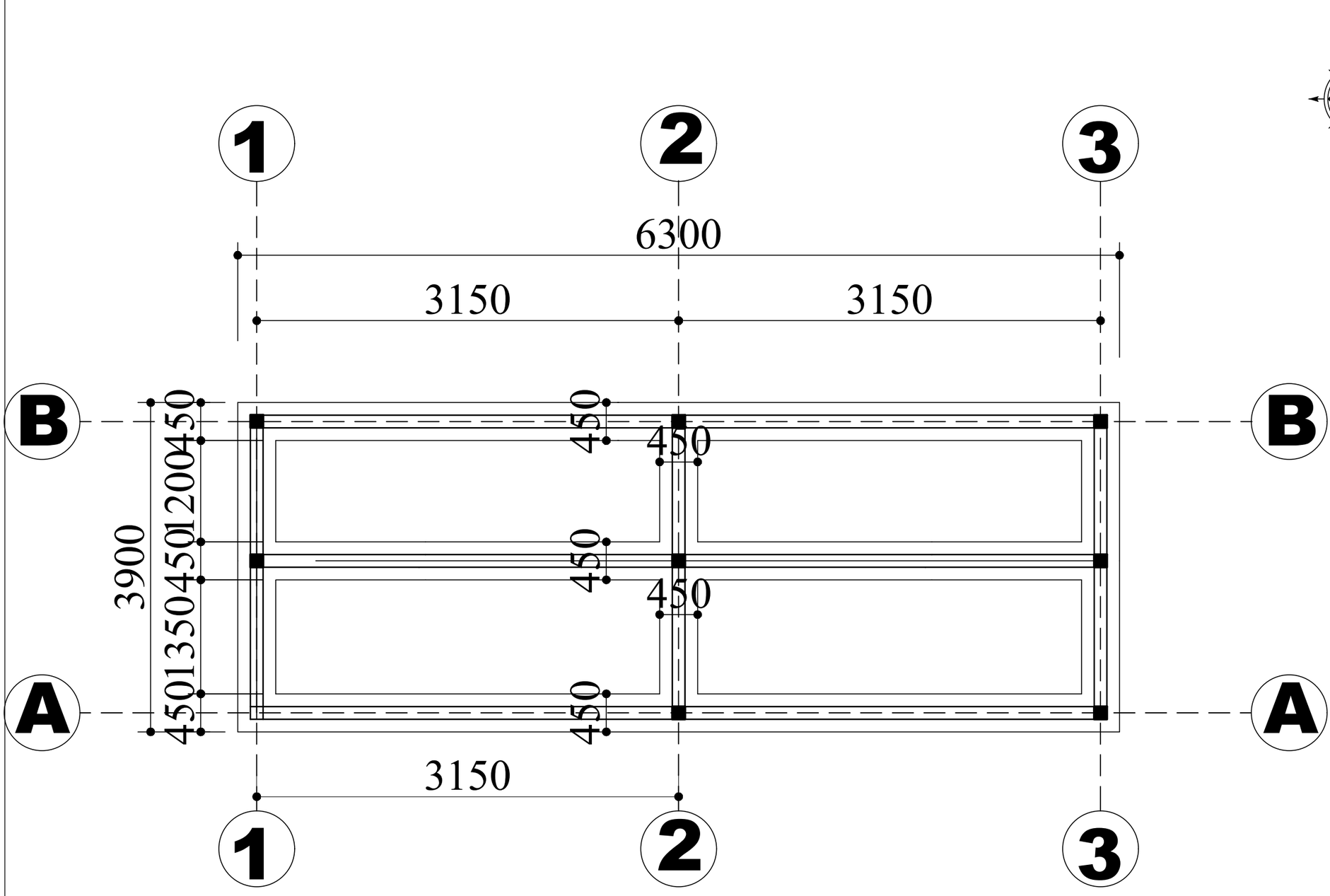
DRAWN BY:
DESMOND ADU-APPIAH

SCALE:
1:100

UNIT:
METRIC, (MM)

SHEET NUMBER:
ARC 1

DESIGN DATE
JULY, 2026



FOUNDATION PLAN

FOUNDATION PLAN

SCALE - 1:100

PROJECT REFERENCE:
ASDA/WKS/26

PROJECT:
SIX SEATER WC TOILET

ORIENTATION

CLIENT:
AWUTU SENYA DISTRICT ASSEMBLY

TITLE:
FOUNDATION PLAN

SPECIFICATIONS

NOTE:

1. SHALL BE CERTIFIED BY AN EXPERIENCED CIVIL ENGINEER.

LOCATION:
AWUTU SENYA DISTRICT ASSEMBLY. C.R

DESIGNED BY:
DESMOND ADU-APPIAH

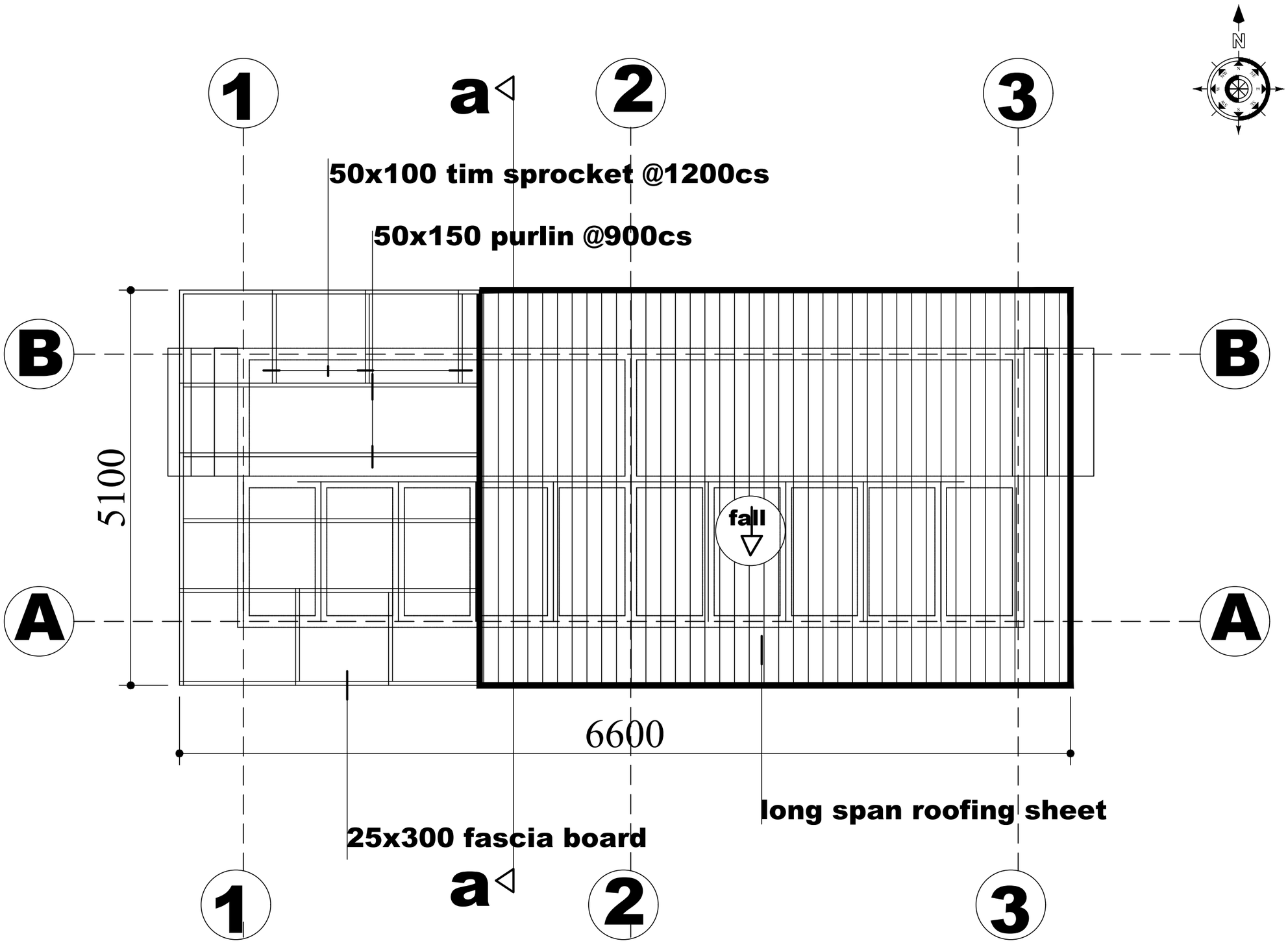
DRAWN BY:
DESMOND ADU-APPIAH

SCALE: **1:100**

UNIT: **METRIC, (MM)**

SHEET NUMBER:
ARC 2

DESIGN DATE
JULY, 2026



ROOF PLAN

SCALE - 1:100

N

PROJECT REFERENCE:
ASDA/WKS/26

PROJECT:
SIX SEATER WC TOILET

ORIENTATION

CLIENT:
AWUTU SENYA DISTRICT ASSEMBLY

TITLE:
ROOF PLAN

SPECIFICATIONS

NOTE:

1. SHALL BE CERTIFIED BY AN EXPERIENCED CIVIL ENGINEER.

LOCATION:
AWUTU SENYA DISTRICT ASSEMBLY. C.R

DESIGNED BY:
DESMOND ADU-APPIAH

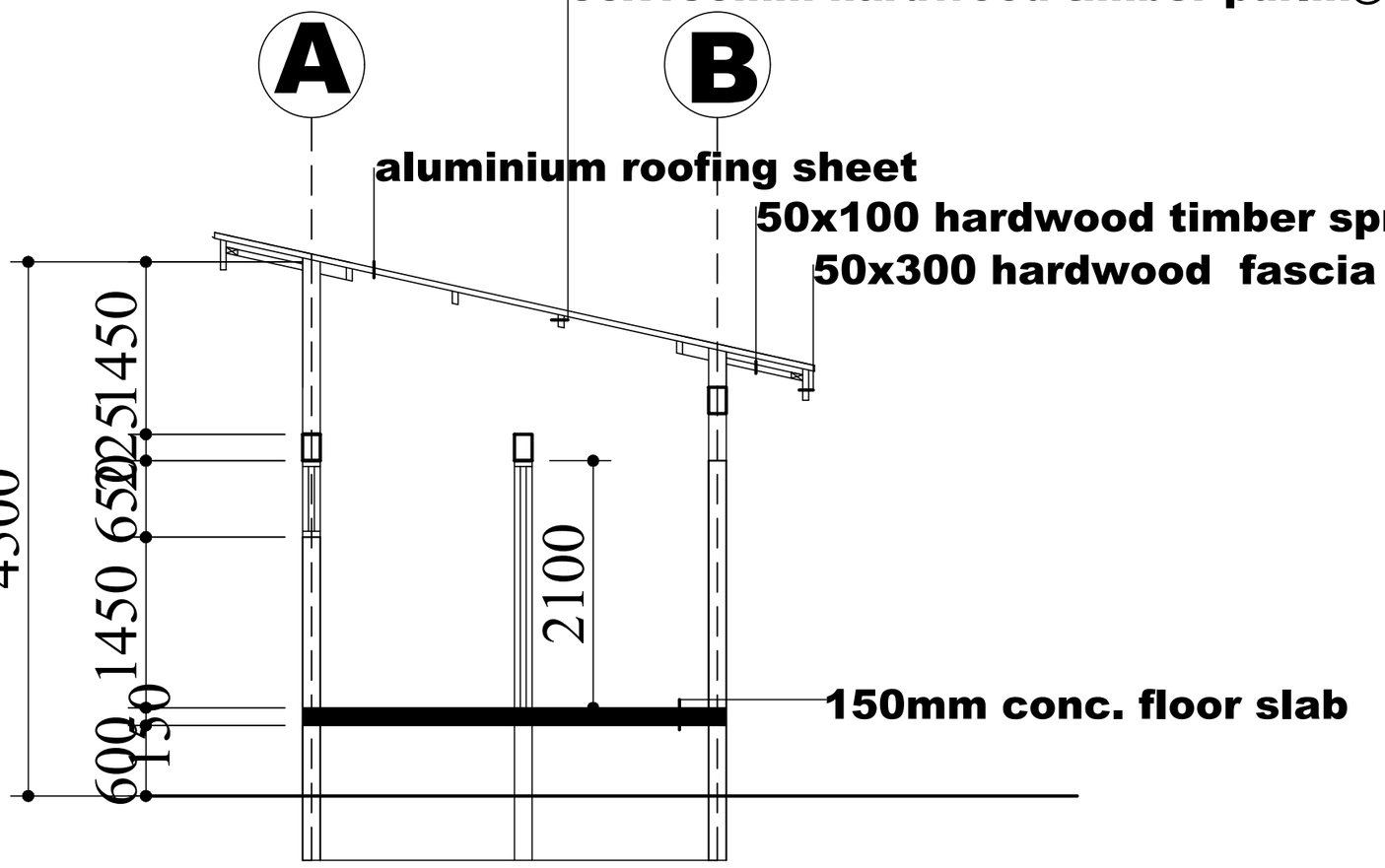
DRAWN BY:
DESMOND ADU-APPIAH

SCALE: 1:100

UNIT: METRIC, (MM)

SHEET NUMBER:
ARC 3

DESIGN DATE
JULY, 2026



SECTION A-A

SECTION A-A
SCALE - 1:100

N

PROJECT REFERENCE:
ASDA/WKS/26

PROJECT:
SIX SEATER WC TOILET

ORIENTATION

CLIENT:
AWUTU SENYA DISTRICT ASSEMBLY

TITLE:
SECTION A-A

SPECIFICATIONS

NOTE:
1. SHALL BE CERTIFIED BY AN EXPERIENCED CIVIL ENGINEER.

LOCATION:
AWUTU SENYA DISTRICT ASSEMBLY. C.R

DESIGNED BY:
DESMOND ADU-APPIAH

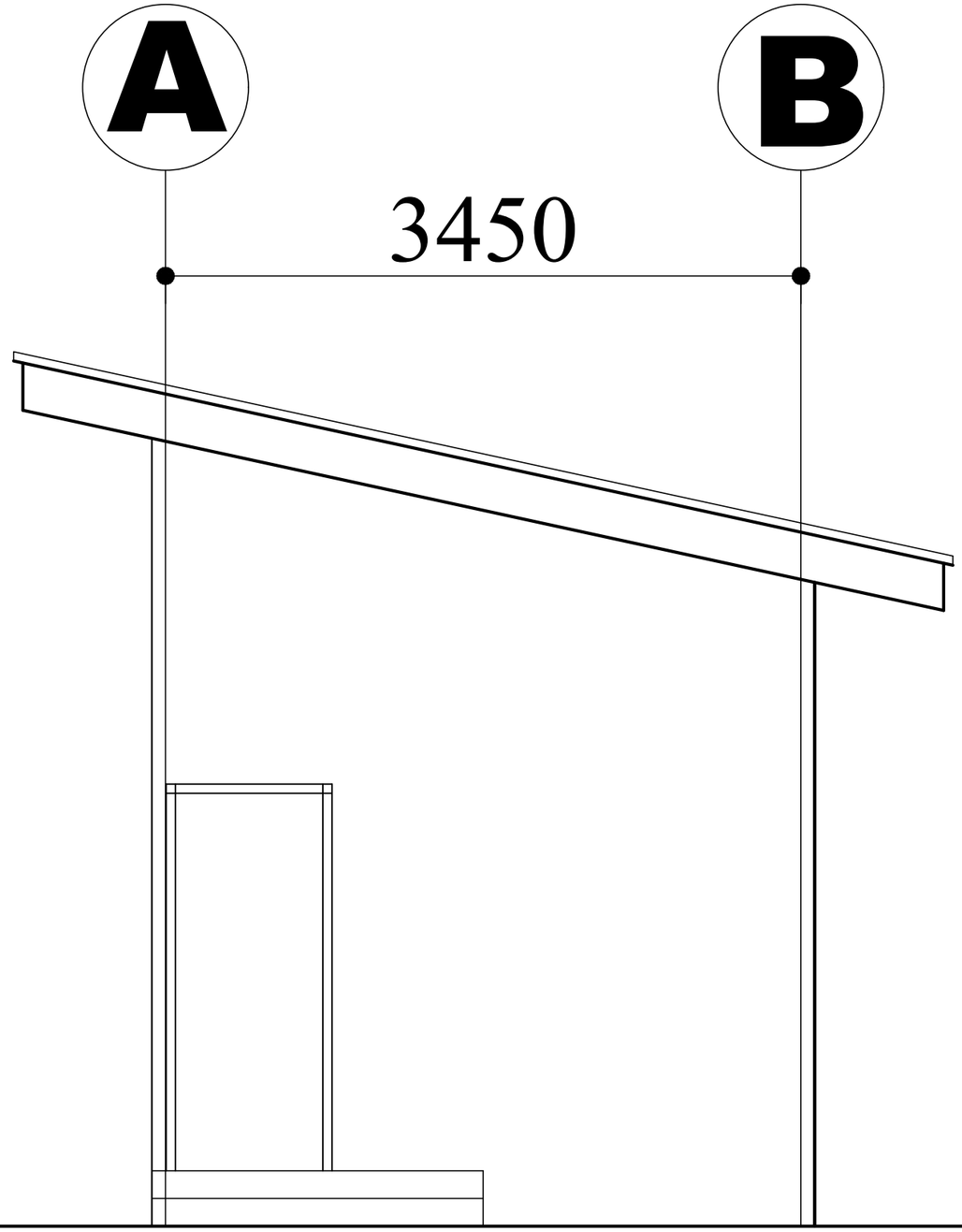
DRAWN BY:
DESMOND ADU-APPIAH

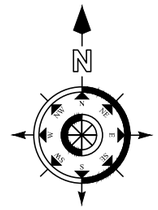
SCALE: **1:100**

UNIT: **METRIC, (MM)**

SHEET NUMBER:
ARC 4

DESIGN DATE
JULY, 2026





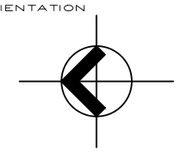
LEFT VIEW

SCALE - 1:100

PROJECT REFERENCE:
ASDA/WKS/26

PROJECT:
SIX SEATER WC TOILET

ORIENTATION



CLIENT:
AWUTU SENYA DISTRICT ASSEMBLY

TITLE:
LEFT VIEW

SPECIFICATIONS

NOTE:

1. SHALL BE CERTIFIED BY AN EXPERIENCED CIVIL ENGINEER.

LOCATION:
AWUTU SENYA DISTRICT ASSEMBLY. C.R

DESIGNED BY:
DESMOND ADU-APPIAH

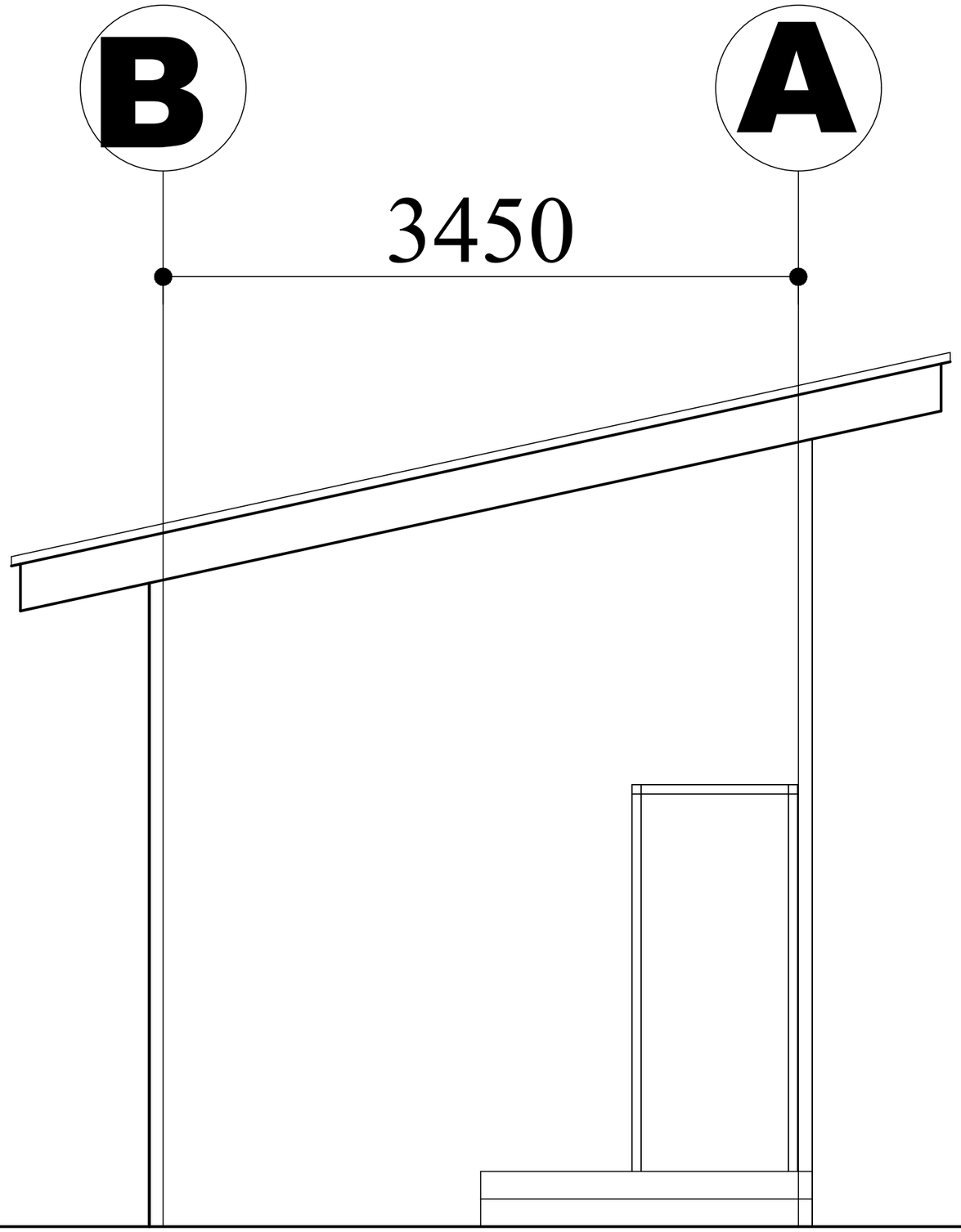
DRAWN BY:
DESMOND ADU-APPIAH

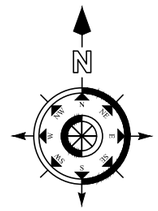
SCALE: **1:100**

UNIT: **METRIC, (MM)**

SHEET NUMBER:
ARC 5

DESIGN DATE
JULY, 2026





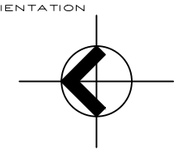
PROJECT REFERENCE:

ASDA/WKS/26

PROJECT:

SIX SEATER WC TOILET

ORIENTATION



CLIENT:

AWUTU SENYA DISTRICT ASSEMBLY

TITLE:

RIGHT VIEW

SPECIFICATIONS

NOTE:

1. SHALL BE CERTIFIED BY AN EXPERIENCED CIVIL ENGINEER.

LOCATION:

AWUTU SENYA DISTRICT ASSEMBLY. C.R

DESIGNED BY:

DESMOND ADU-APPIAH

DRAWN BY:

DESMOND ADU-APPIAH

SCALE: **1:100**

UNIT: **METRIC, (MM)**

SHEET NUMBER:

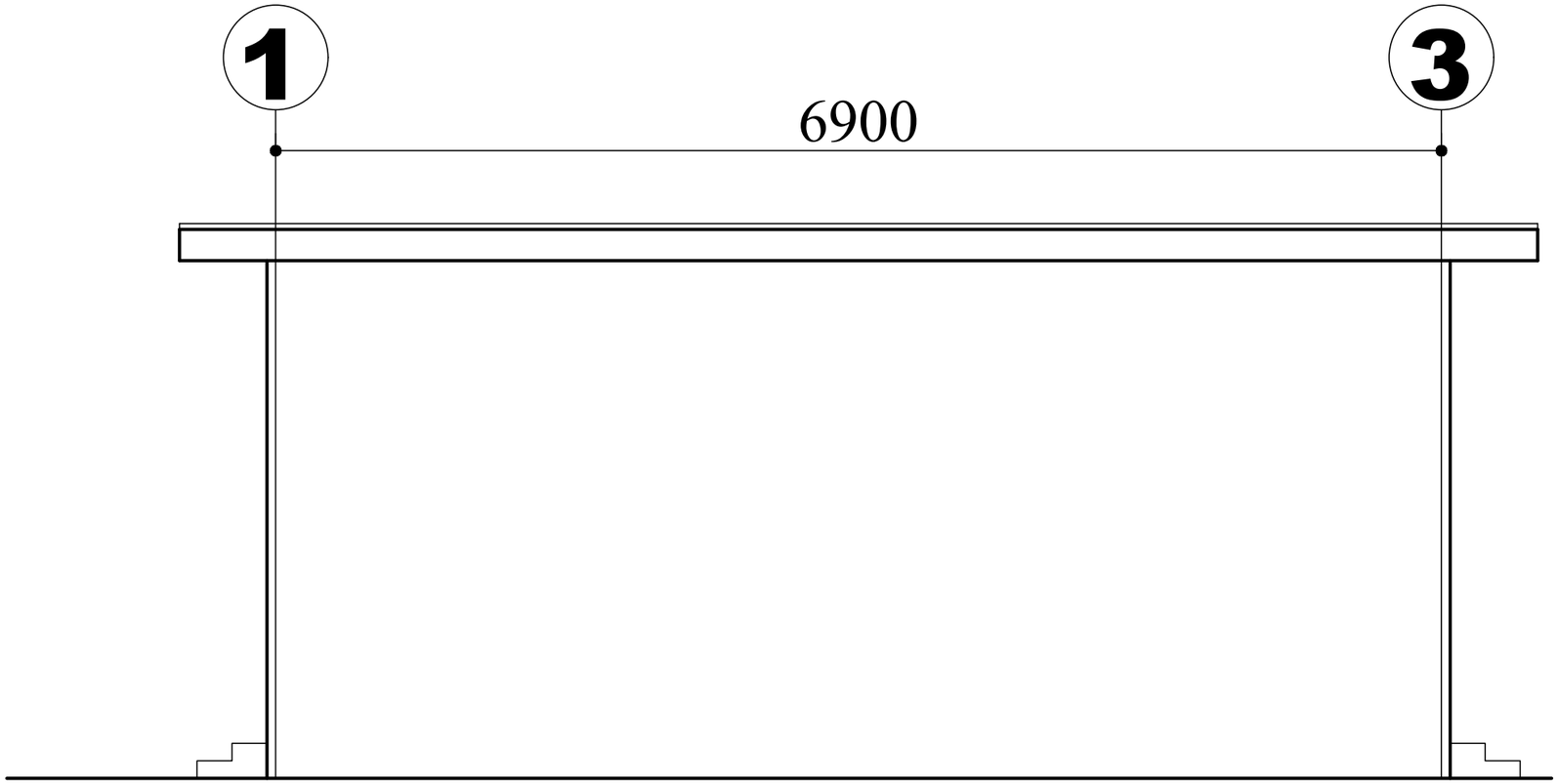
ARC 6

DESIGN DATE

JULY, 2026

RIGHT VIEW

SCALE - 1:100



FRONT VIEW

SCALE - 1:100

PROJECT REFERENCE:
ASDA/WKS/26

PROJECT:
SIX SEATER WC TOILET

ORIENTATION

CLIENT:
AWUTU SENYA DISTRICT ASSEMBLY

TITLE:
FRONT VIEW

SPECIFICATIONS

NOTE:

1. SHALL BE CERTIFIED BY AN EXPERIENCED CIVIL ENGINEER.

LOCATION:
AWUTU SENYA DISTRICT ASSEMBLY. C.R

DESIGNED BY:
DESMOND ADU-APPIAH

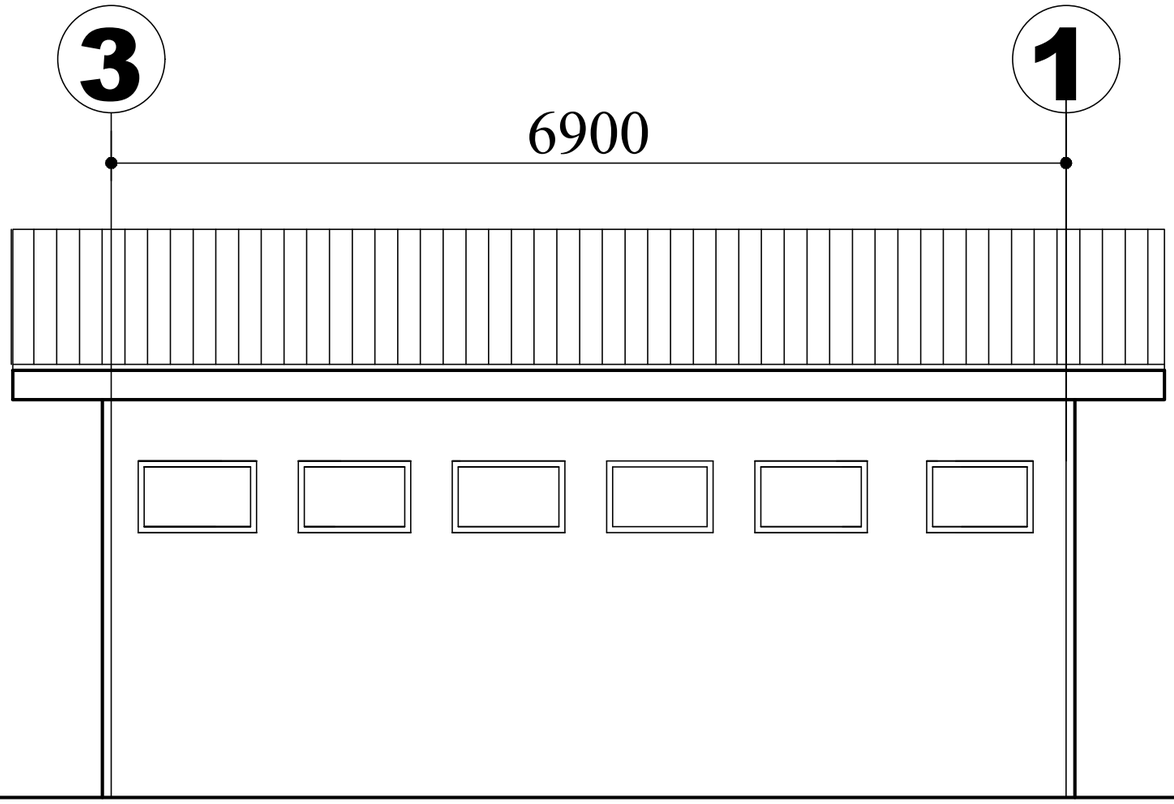
DRAWN BY:
DESMOND ADU-APPIAH

SCALE: **1:100**

UNIT: **METRIC, (MM)**

SHEET NUMBER:
ARC 7

DESIGN DATE
JULY, 2026



BACK VIEW

SCALE - 1:100

PROJECT REFERENCE:
ASDA/WKS/26

PROJECT:
SIX SEATER WC TOILET

ORIENTATION

CLIENT:
AWUTU SENYA DISTRICT ASSEMBLY

TITLE:
BACK VIEW

SPECIFICATIONS

NOTE:

1. SHALL BE CERTIFIED BY AN EXPERIENCED CIVIL ENGINEER.

LOCATION:
AWUTU SENYA DISTRICT ASSEMBLY. C.R

DESIGNED BY:
DESMOND ADU-APPIAH

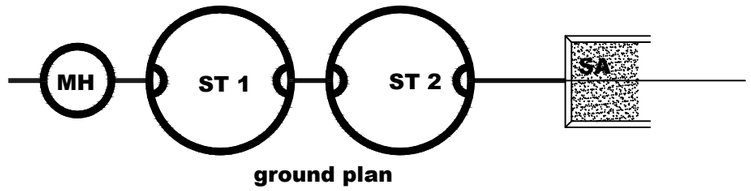
DRAWN BY:
DESMOND ADU-APPIAH

SCALE: **1:100**

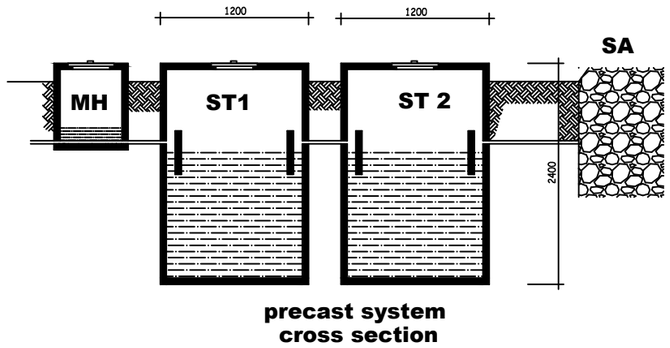
UNIT: **METRIC, (MM)**

SHEET NUMBER:
ARC 8

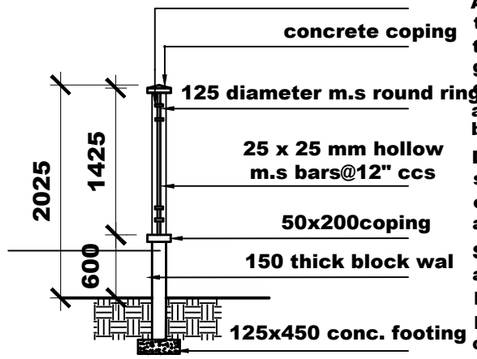
DESIGN DATE
JULY, 2026



ground plan



precast system
cross section

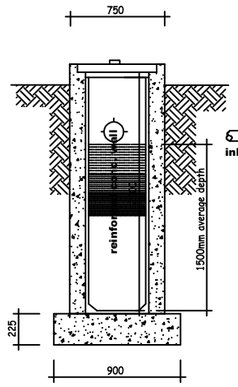


Air should be excluded from s.t.l. to encourage the growth of amaaic bacteria to liquify sludge to facilitate the flow of the effluent accumated gasses are expected to be connected and expelled through f.a.o which should carried above eaves be protected against nestling of birds as in drawing.

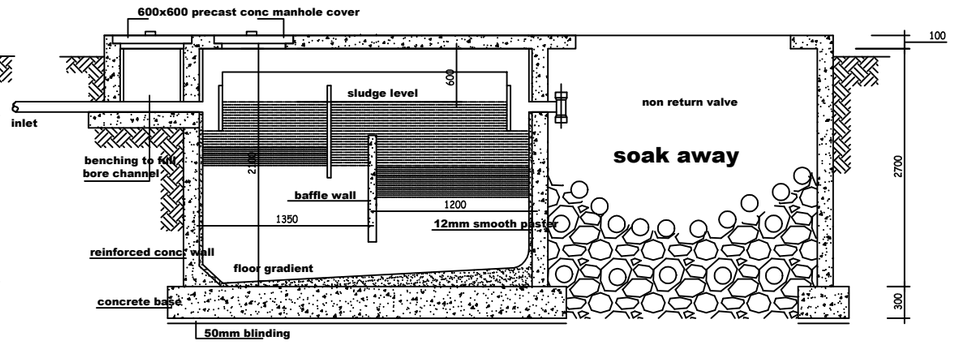
Drains should be given sufficient falls and joints should be properly made to prevent blocking of the apperture and expedite the escape of accumulated gasses.

Septic tanks must be construced in concrete and not sandcrete blocks top of septic tank to be not less than 150mm above finished ground level where two or more water closets connected to the same soil pipe the trap on each water closet other than the highest shall be ventilated to be an antisyphon pipe to the open air at a point 75mm above the weater seal in the highest water antisyphon pipe and connections should be at 50mm intervals and shall be connected with the arm of soil sipe at a point not less than 150mm and not more than 300mm from the highest point of the water seal which is nearest to the soil pipe

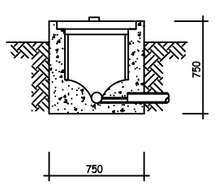
perforated pipes should be removed every 3 months and perforation of slots cleaned with wire brush top over of filter median should be examined and necessary turned over and cleaned every 2 months. it may be necessary on account of clogging to remove part of median and renew. s.t. should be opened every six months and depth ot top crust scertaine if this exceeds 12 plus should be removed.



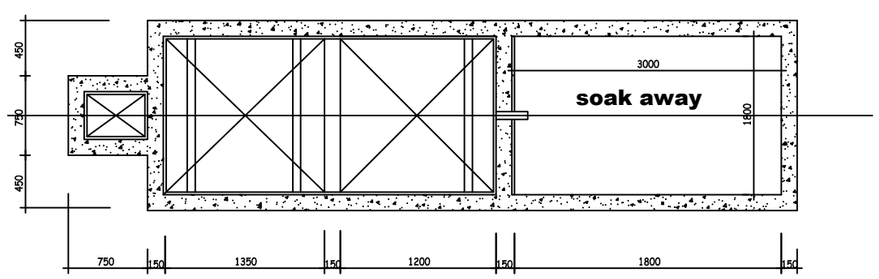
cross section



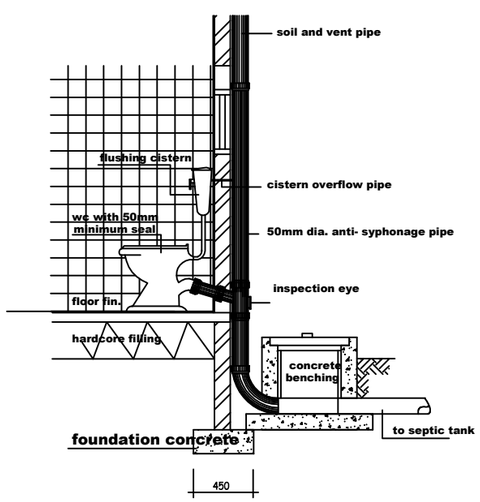
longitudinal section



section



ground plan



mortar mix for joint 12' 2" grips should be made under joint.
allow shanks of drains to rest on rammed earth base (drain gradient 21-40)

SEPTIC TANK

SCALE - 1:100

- [x] FOR CONSTRUCTION
- [ ] FOR DISCUSSION
- [ ] FOR SUBMISSION
- [ ] OTHERS

PROJECT REFERENCE:
ASDA/WKS/26

PROJECT:
SIX SEATER WC TOILET

ORIENTATION

AWUTU SENYA DISTRICT ASSEMBLY

TITLE:
SEPTIC TANK

SPECIFICATIONS

DRAWN BY:
AWUTU BERAKU C.R

DESIGNED BY:
DESMOND ADU-APPIAH

DRAWN BY:
DESMOND ADU-APPIAH

SCALE: 1:100

UNIT: METRIC, (MM)

SHEET NUMBER:
STR 9

DESIGN DATE
JULY, 2026