

GROUND FLOOR LEVEL[+250MM]

1:47.14

NOTES

GENERAL
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 Drawing are not to scaled, only figured dimensions to be used.
 The contractor must check and verify all dimensions before commencement of any work. Any discrepancies to be clarified with the Project Architect.

CONSTRUCTION
 All slab at ground level to be cast over 1000 guage polythene sheet on 50mm thick murrum blinding on hardcore.
 All soil under slab around and under foundation to be treated for termite control.

CIVIL
 All soil on cut embankment to be stabilized. The slope not to exceed 45 degree.

STRUCTURAL
 All black cotton soil to be removed from all buildings and paved surfaces.
 For all R.C work, refer to structural Engineer's details.
 Depth of foundation to be determined on site to S.E's approval.
 All walls to be reinforced with loop iron at every alternate course.
 All adjacent R.C. work and masonry walls to be tied with loop iron at every alternate course.

MECHANICAL
 All plumbing and drainage to comply with relevant local authority.
 SVP denotes soil vent pipe to be provided at the head of the drainage system.
 Drains pass beneath buildings & driveways to be encased in 150mm concrete surround.
 The storm drain pipes to comply with BS 556 specification.
 All underground foul and waste drain pipes shall be uPVC to comply with BS 5255.
 All inspection chambers covers and framing shall be cast iron.
 Minimum slope in the drains pipes to be 1 in 100.
 No chases will be allowed for pipes. Sleeves will be allowed with written approval of structural Eng's. No cutting of concrete without express approval of the Architect or structural Eng.

All testing of pipes must be completed before plastering.
 All mechanical works must be co-ordinated with electrical and any conflict must be clarified before work begin.
 PV denotes permanent ventilation

ELECTRICALS
 All conduits must be laid before plastering

REVISIONS	

Project Title
PROPOSED GREEN GLASS/FIBRE GREEN HOUSE

Drawing title
FLOOR PLAN

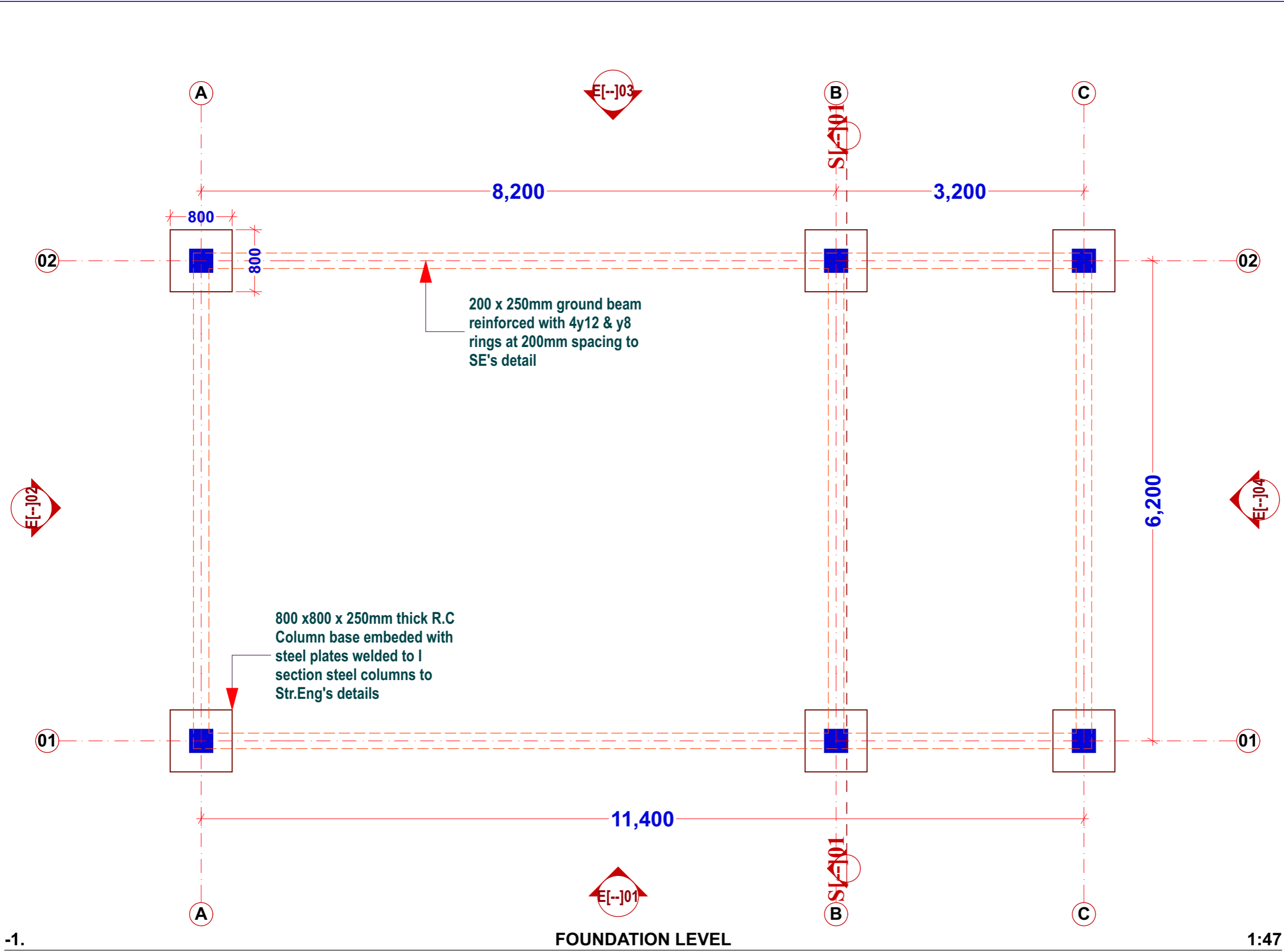
Client
PWANI UNIVERSITY KILIFI COUNTY

SCALE: _____ DATE: **FEBRUARY, 2020**

	Name	Signature
Drawn	J.G.TSIMBA	
Design Architect	ARCH.S.CHEWE	
CHECKED	ARCH.S.CHEWE	

SHEET NO:

0.



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REVISIONS	

Project Title
PROPOSED GREEN GLASS/FIBRE GREEN HOUSE

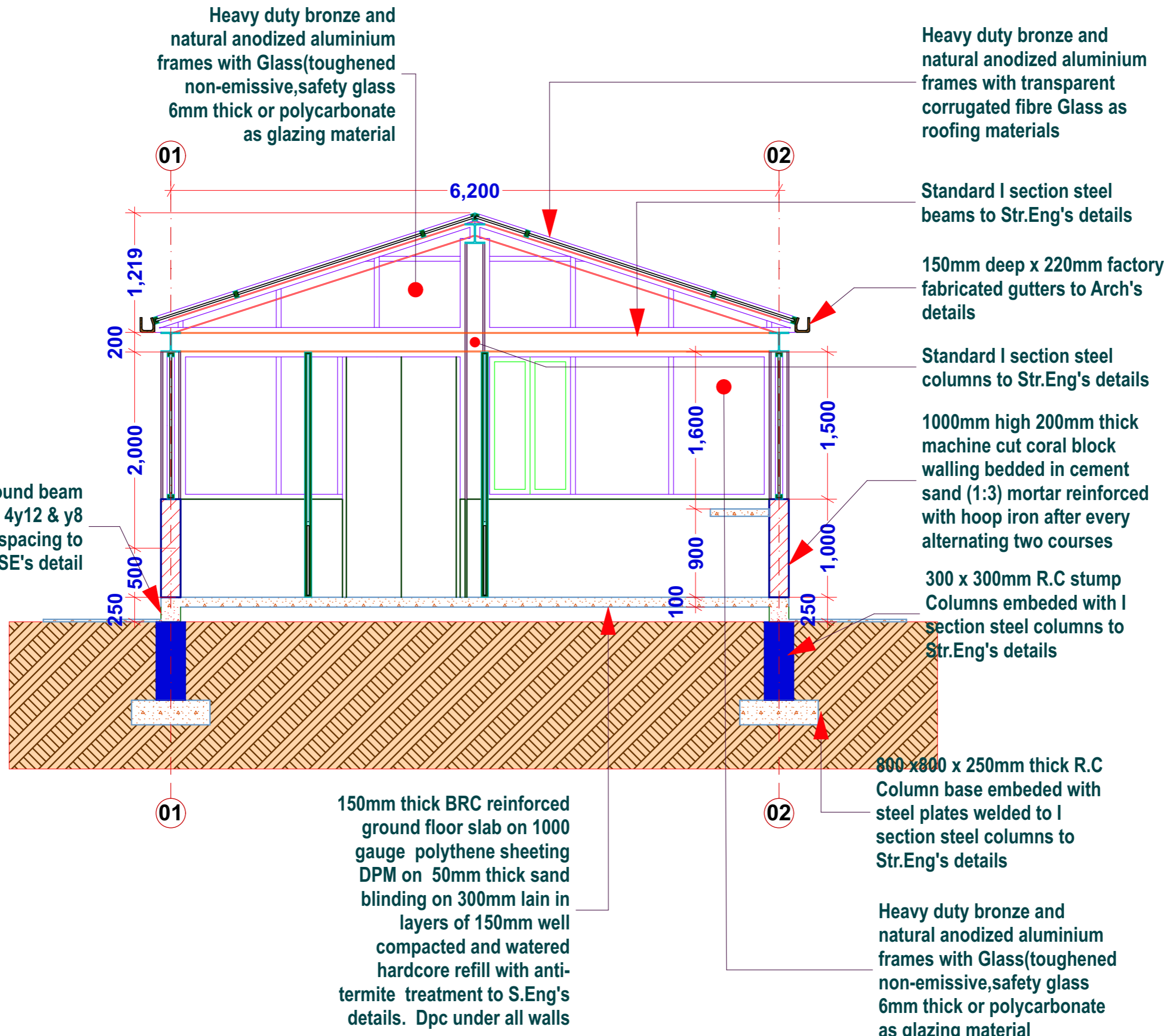
Drawing title
FOUNDATION LAYOUT PLAN

Client
PWANI UNIVERSITY KILIFI COUNTY

SCALE: _____ DATE: **FEBRUARY, 2020**

	Name	Signature
Drawn	J.G.TSIMBA	
Design Architect	ARCH.S.CHEWE	
CHECKED	ARCH.S.CHEWE	

SHEET NO: _____



Heavy duty bronze and natural anodized aluminium frames with Glass(toughened non-emissive,safety glass 6mm thick or polycarbonate as glazing material

Heavy duty bronze and natural anodized aluminium frames with transparent corrugated fibre Glass as roofing materials

Standard I section steel beams to Str.Eng's details

150mm deep x 220mm factory fabricated gutters to Arch's details

Standard I section steel columns to Str.Eng's details

1000mm high 200mm thick machine cut coral block walling bedded in cement sand (1:3) mortar reinforced with hoop iron after every alternating two courses

300 x 300mm R.C stump Columns embeded with I section steel columns to Str.Eng's details

800 x800 x 250mm thick R.C Column base embeded with steel plates welded to I section steel columns to Str.Eng's details

Heavy duty bronze and natural anodized aluminium frames with Glass(toughened non-emissive,safety glass 6mm thick or polycarbonate as glazing material

200 x 250mm ground beam reinforced with 4y12 & y8 rings at 200mm spacing to SE's detail

150mm thick BRC reinforced ground floor slab on 1000 gauge polythene sheeting DPM on 50mm thick sand blinding on 300mm lain in layers of 150mm well compacted and watered hardcore refill with anti-termite treatment to S.Eng's details. Dpc under all walls

- NOTES**
- GENERAL**
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- CIVIL**
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- STRUCTURAL**
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For all R.C work,refer to stuctural Engineer's details.
Depth of foundation to be determined on site to S.E's approval
All walls to be reinforced with loop iron at every every alternate course.
All adjacent R.C. work and masonry walls to be tied with loop iron at every alternate course.
- MECHANICAL**
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PV denotes permanent ventilation
- ELECTRICALS**
All conduits must be laid before plastering

REVISIONS

No.	Description

Project Title
PROPOSED GREEN GLASS/FIBRE GREEN HOUSE

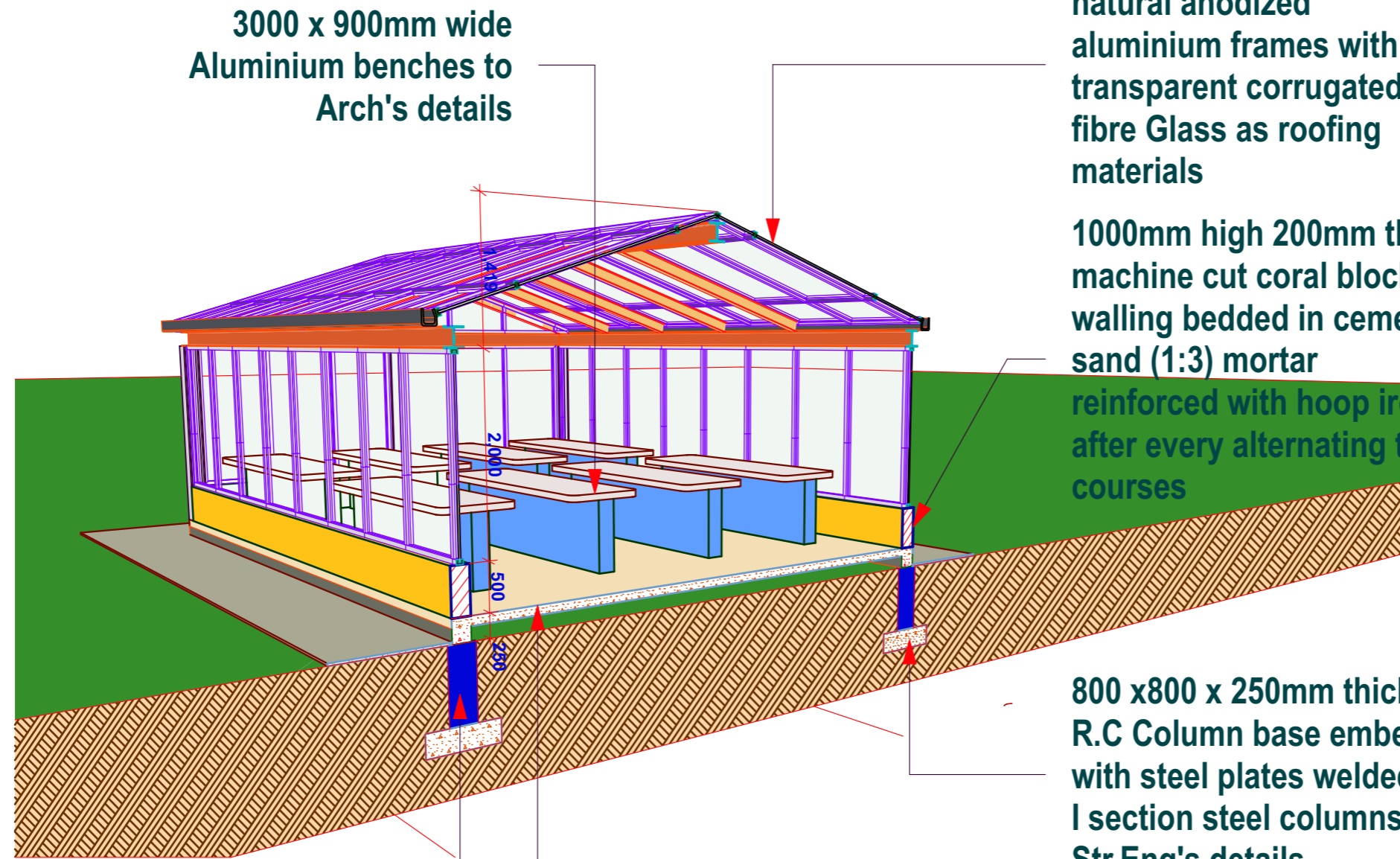
Drawing title
SECTION S[--]01

Client
PWANI UNIVERSITY KILIFI COUNTY

SCALE: _____ DATE **FEBRUARY, 2020**

	Name	Signature
Drawn	J.G.TSIMBA	
Design Architect	ARCH.S.CHEWE	
CHECKED	ARCH.S.CHEWE	

SHEET NO: _____



3000 x 900mm wide
Aluminium benches to
Arch's details

Heavy duty bronze and
natural anodized
aluminium frames with
transparent corrugated
fibre Glass as roofing
materials

1000mm high 200mm thick
machine cut coral block
walling bedded in cement
sand (1:3) mortar
reinforced with hoop iron
after every alternating two
courses

800 x 800 x 250mm thick
R.C Column base embeded
with steel plates welded to
I section steel columns to
Str.Eng's details

300 x 300mm R.C stump
Columns embeded with I
section steel columns to
Str.Eng's details

150mm thick BRC
reinforced ground floor
slab on 1000 gauge
polythene sheeting DPM
on 50mm thick sand
blinding on 300mm lain in
layers of 150mm well
compacted and watered
hardcore refill with anti-
termite treatment to
S.Eng's details. Dpc under
all walls

3D SECTION

1:2.16

NOTES

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Depth of foundation to be determined on site to S.E's approval

All walls to be reinforced with hoop iron at every alternate course.

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MECHANICAL

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REVISIONS

No.	Description

Project Title

PROPOSED GREEN GLASS/FIBRE GREEN HOUSE

Drawing title

3D SECTION

Client

PWANI UNIVERSITY KILIFI COUNTY

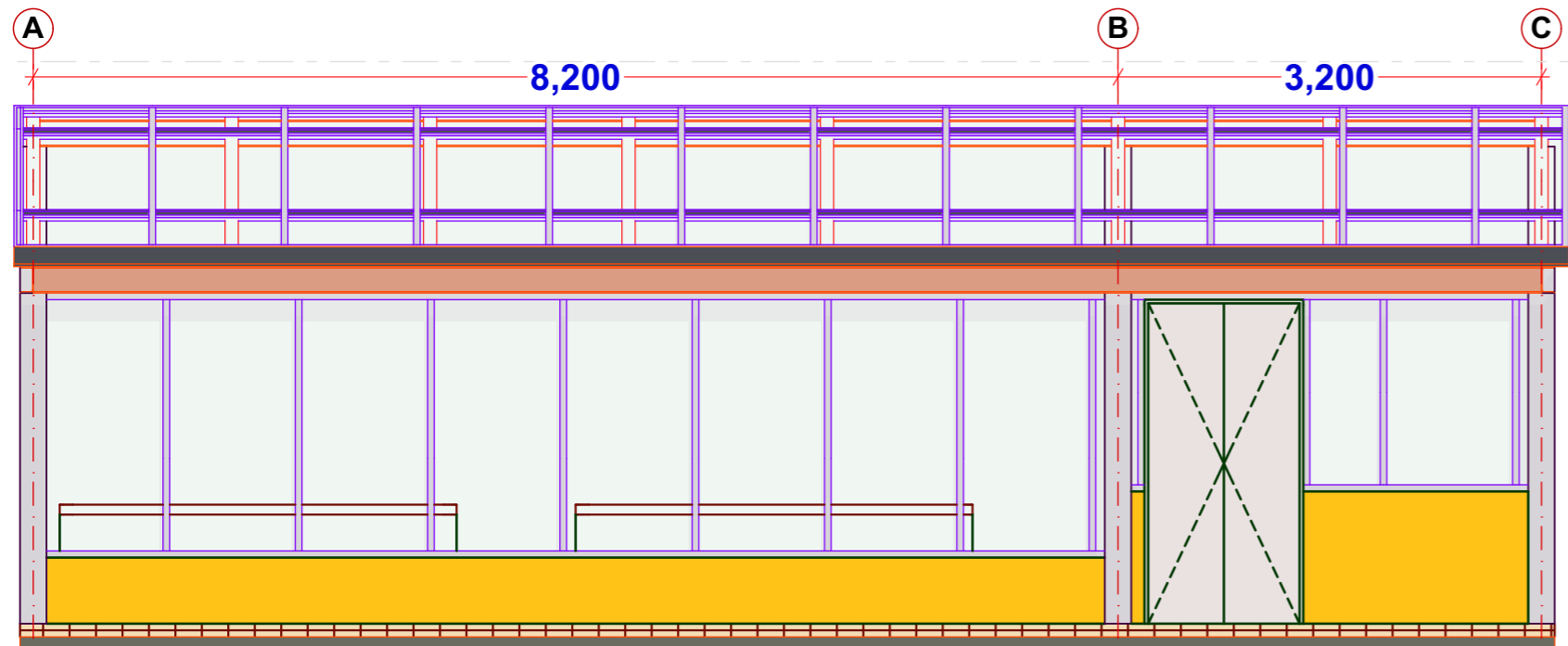
SCALE:

DATE

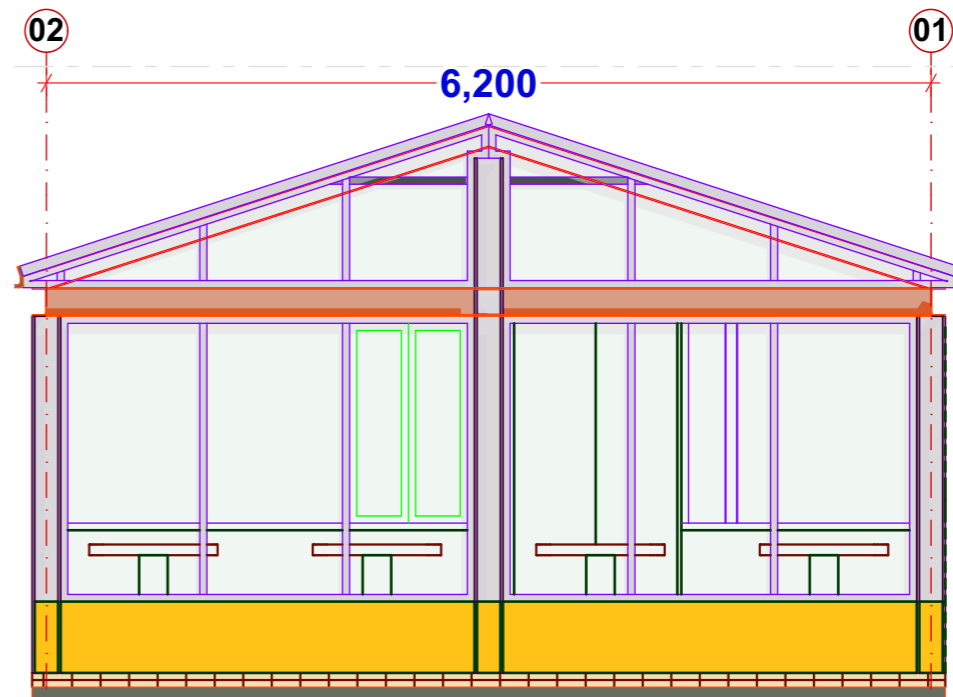
FEBRUARY, 2020

	Name	Signature
Drawn	J.G.TSIMBA	
Design Architect	ARCH.S.CHEWE	
CHECKED	ARCH.S.CHEWE	

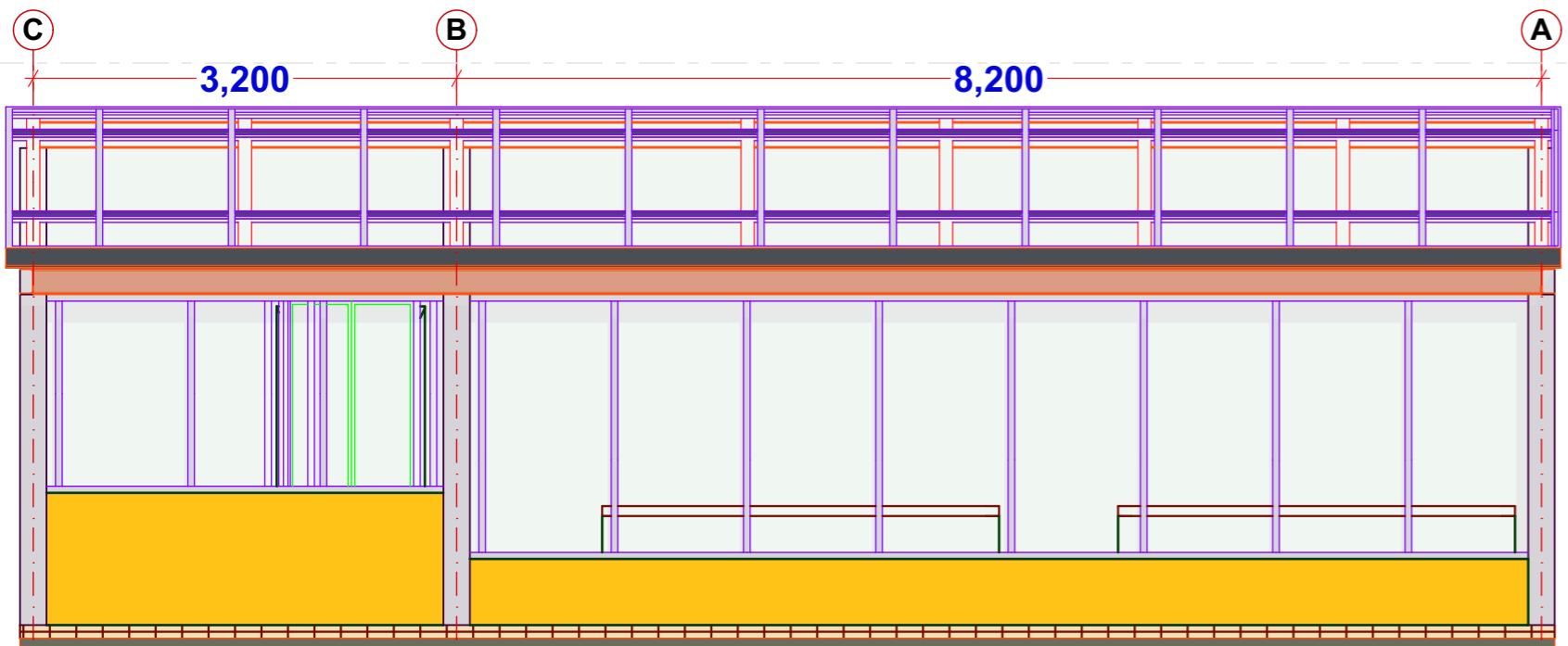
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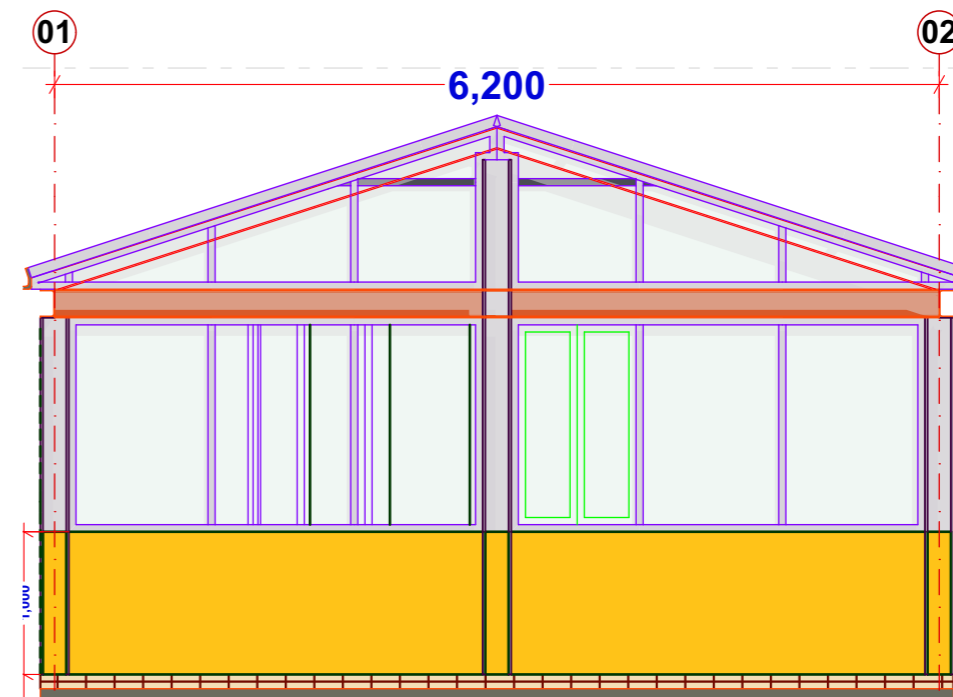
E[--]J01 ELEVATION -E01 1:53



E[--]J02 ELEVATION -E01 1:53



E[--]J03 ELEVATION -E01 1:53



E[--]J04 ELEVATION -E01 1:53

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PROPOSED GREEN GLASS/FIBRE GREEN HOUSE

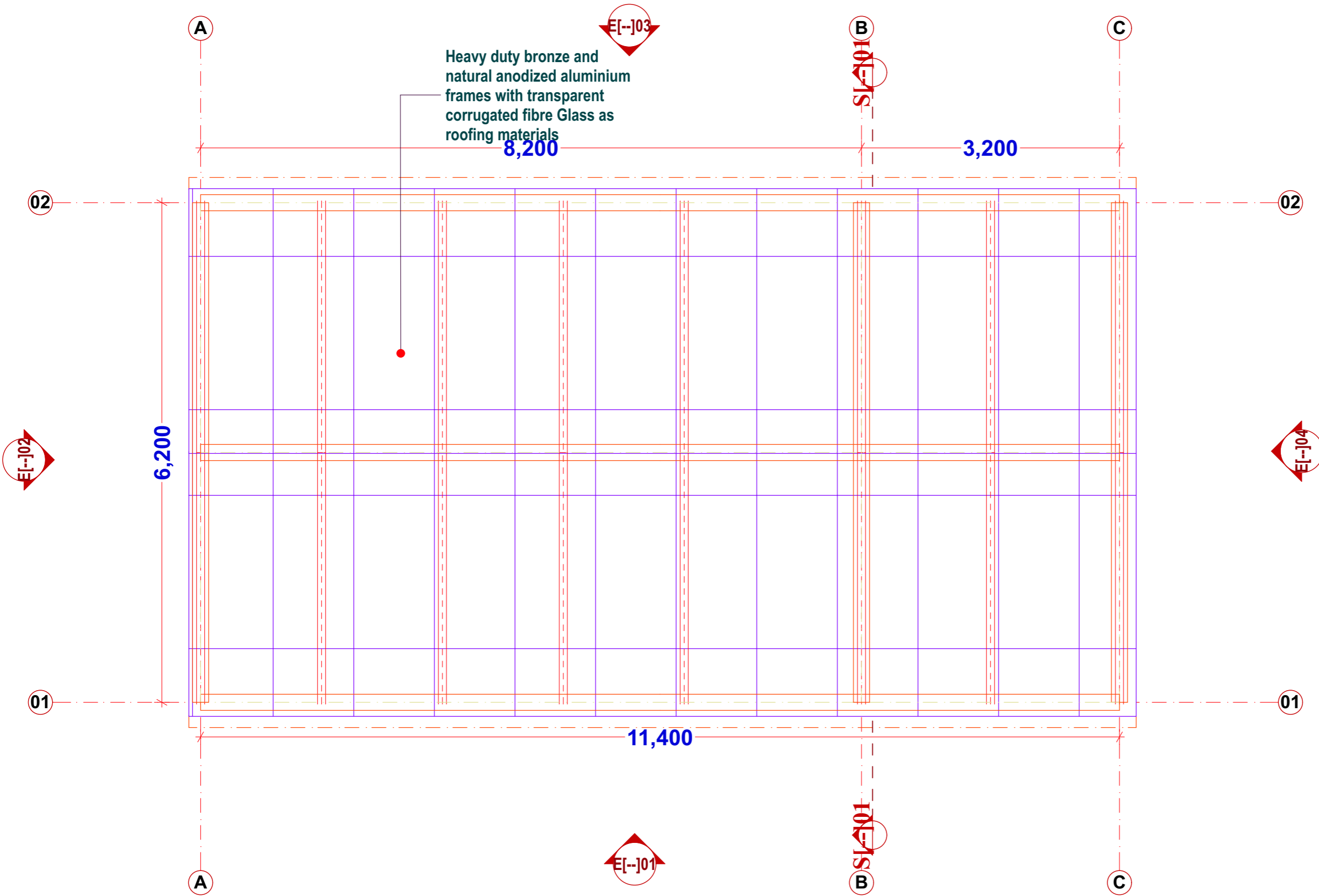
Drawing Title
ELEVATIONS

Client
PWANI UNIVERSITY KILIFI COUNTY

SCALE: DATE
 FEBRUARY, 2020

	Name	Signature
Drawn	J.G.TSIMBA	
Design Architect	ARCH.S.CHEWE	
CHECKED	ARCH.S.CHEWE	

SHEET NO:



02

6,200

A

E[-]-103

Heavy duty bronze and natural anodized aluminium frames with transparent corrugated fibre Glass as roofing materials

8,200

B

HOLE-1

3,200

C

E[-]-102

01

11,400

A

E[-]-101

B

HOLE-1

C

E[-]-104

01

1.

ROOF LEVEL

1:47

NOTES

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REVISIONS

NO.	REVISIONS

Project Title

PROPOSED GREEN GLASS/FIBRE GREEN HOUSE

Drawing title

ROOF PLAN

Client

PWANI UNIVERSITY
KILIFI COUNTY

SCALE:

DATE

FEBRUARY, 2020

	Name	Signature
Drawn	J.G.TSIMBA	
Design Architect	ARCH.S.CHEWE	
CHECKED	ARCH.S.CHEWE	

SHEET NO: