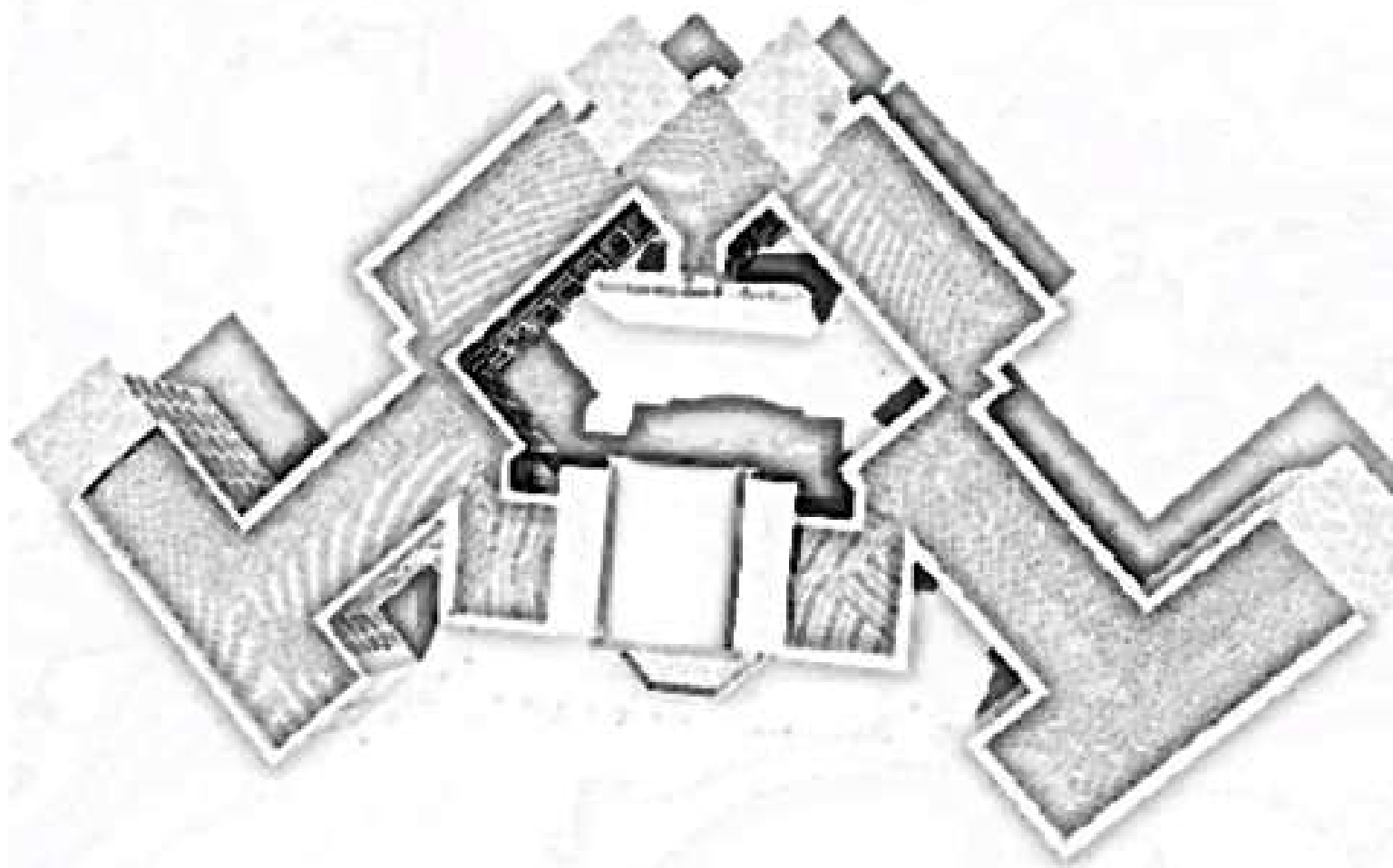
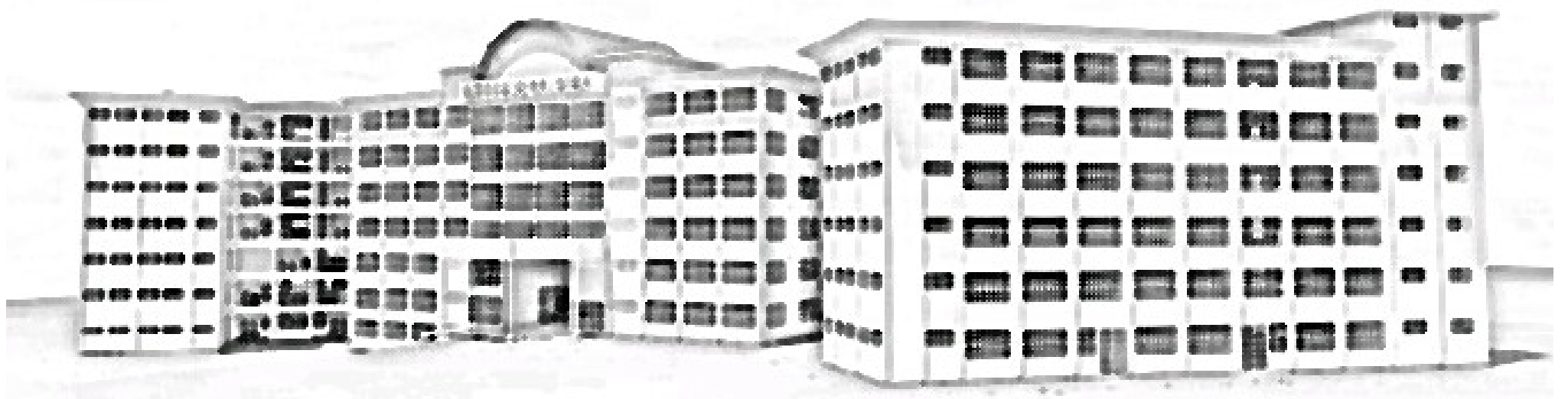
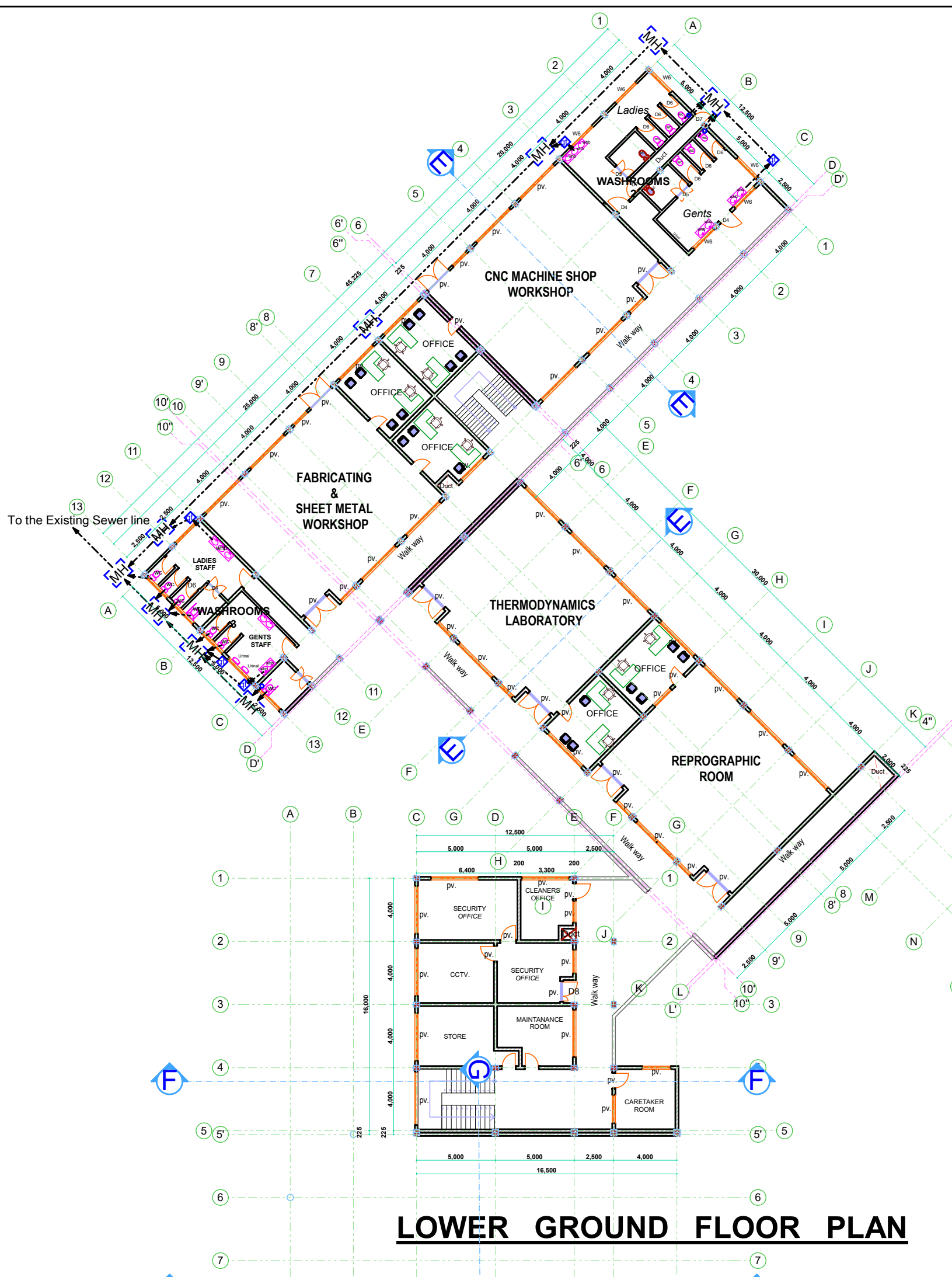


MASINDE MULIRO UNIVERSITY OF SCIENCE AND
TECHNOLOGY
P.O BOX 190 50100
KAKAMEGA.

**PROPOSED ENGINEERING
AND
TVET COMPLEX**



MARCH 2020



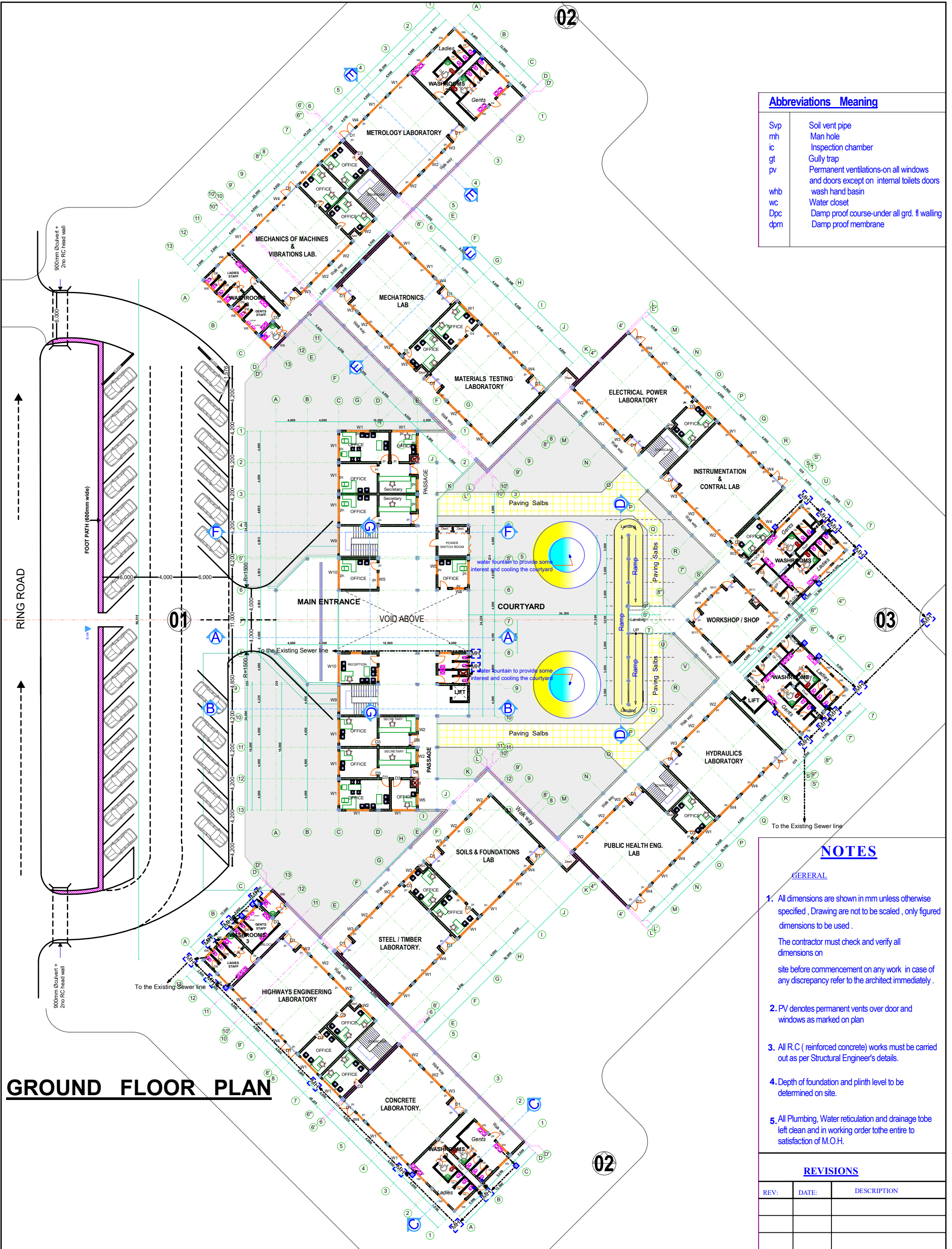
LOWER GROUND FLOOR PLAN

Abbreviations Meaning	
Svp	Soil vent pipe
mh	Man hole
ic	Inspection chamber
gt	Gully trap
pv	Permanent ventilations-on all windows and doors except on internal toilets doors
whb	wash hand basin
wc	Water closet
Dpc	Damp proof course-under all grd. fl walling
dpm	Damp proof membrane

NOTES	
GERERAL	
1. All dimensions are shown in mm unless otherwise specified , Drawing are not to be scaled , only figured dimensions to be used .	
The contractor must check and verify all dimensions on	
site before commencement on any work in case of any discrepancy refer to the architect immediately .	
2. PV denotes permanent vents over door and windows as marked on plan	
3. All R.C (reinforced concrete) works must be carried out as per Structural Engineer's details.	
4. Depth of foundation and plinth level to be determined on site.	
5. All Plumbing, Water reticulation and drainage to be left clean and in working order to the entire to satisfaction of M.O.H.	

REVISIONS		
REV:	DATE:	DESCRIPTION

Client: MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY P.O BOX 190-50100 KAKAMEGA	Title: PROPOSED ENGINEERING AND TVET COMPLEX	Approved by:		Drawn by:	Oluchiri A Lawrence	SCALE:	1:100
		Name:	Prof. S . SHIBAIRO			Design by:	A . Ekajul County Architect Kakamega.
		Title:	Ag. VC.	DRG. NO.	EC / ARCH /01		
		Signature:					
		Date:					



Abbreviations Meaning

Svp	Soil vent pipe
mh	Man hole
ic	Inspection chamber
gt	Gully trap
pv	Permanent ventilations-on all windows and doors except on internal toilets doors wash hand basin
whb	Water closet
wc	Water closet
Dpc	Damp proof course-under all grd. fl walling
dpm	Damp proof membrane

NOTES

GENERAL

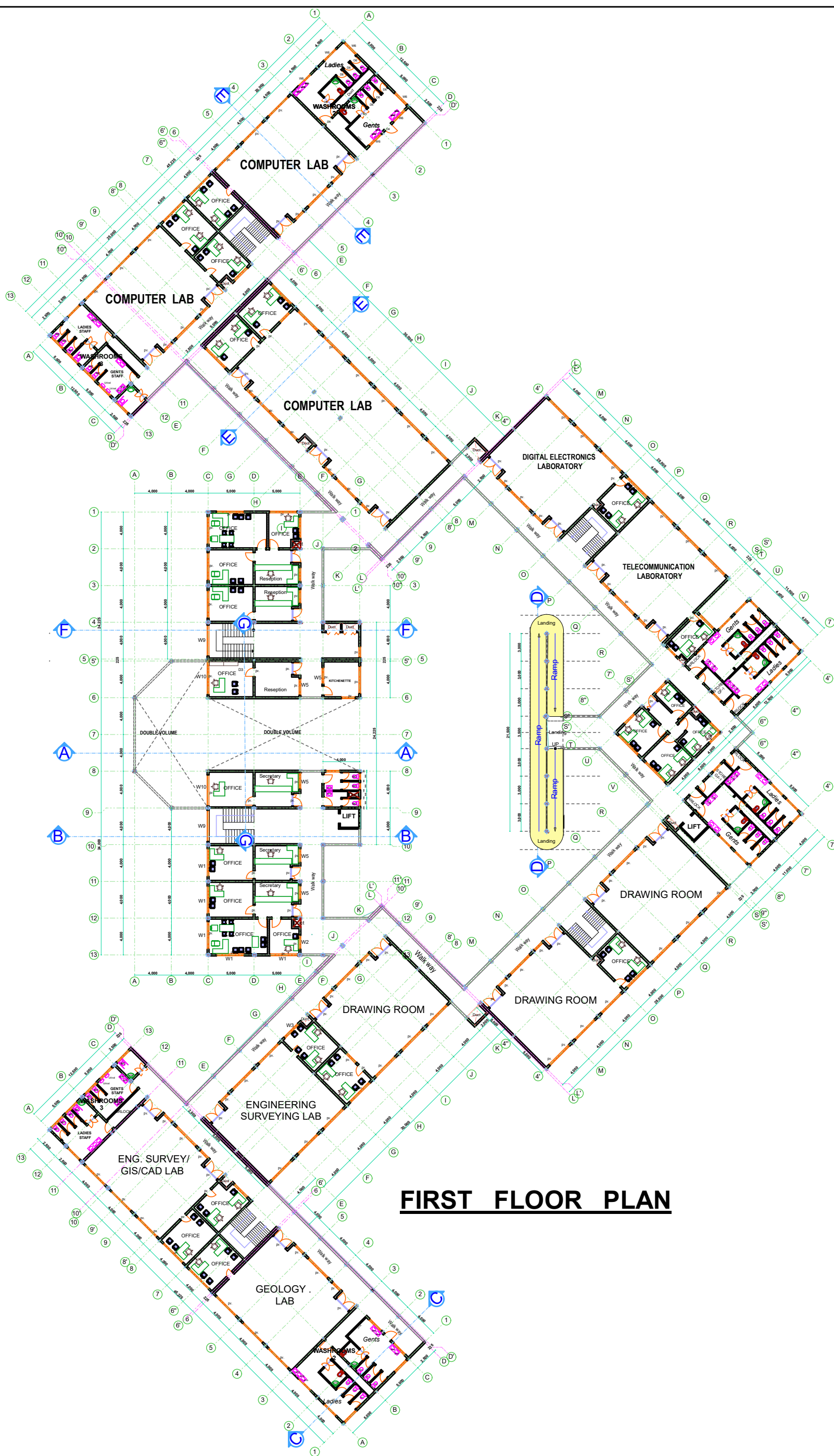
- All dimensions are shown in mm unless otherwise specified , Drawing are not to be scaled , only figured dimensions to be used .
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GROUND FLOOR PLAN

Client: MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY P.O BOX 190-50100 KAKAMEGA	Title: PROPOSED ENGINEERING AND TVET COMPLEX	Approved by:		Drawn by: Oluchiri A Lawrence	SCALE: 1:100
		Name:	Prof. S . SHIBAIRO		
		Title:	Ag. VC.		
		Signature:			
		Date:			
Design by: A . Ekajul	County Architect Kakamega.	DATE: MARCH 2020			
		DRG. NO. EC / ARCH /02			



FIRST FLOOR PLAN

Abbreviations Meaning

Svp	Soil vent pipe
mh	Man hole
ic	Inspection chamber
gt	Gully trap
pv	Permanent ventilations-on all windows and doors except on internal toilets doors
whb	wash hand basin
wc	Water closet
Dpc	Damp proof course-under all grd. fl walling
dpm	Damp proof membrane

NOTES

GENERAL

- All dimensions are shown in mm unless otherwise specified , Drawing are not to be scaled , only figured dimensions to be used .
The contractor must check and verify all dimensions on site before commencement on any work in case of any discrepancy refer to the architect immediately .
- PV denotes permanent vents over door and windows as marked on plan
- All R.C (reinforced concrete) works must be carried out as per Structural Engineer's details.
- Depth of foundation and plinth level to be determined on site.
- All Plumbing, Water reticulation and drainage to be left clean and in working order to the entire to satisfaction of M.O.H.

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REV:	DATE:	DESCRIPTION

Client:
MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
P.O BOX 190-50100
KAKAMEGA

Title:
PROPOSED ENGINEERING
AND
TVET COMPLEX

Approved by:

Name:	Prof. S . SHIBAIRO
Title:	Ag. VC.
Signature:	
Date:	

Drawn by:

Oluchiri A Lawrence

Design by:

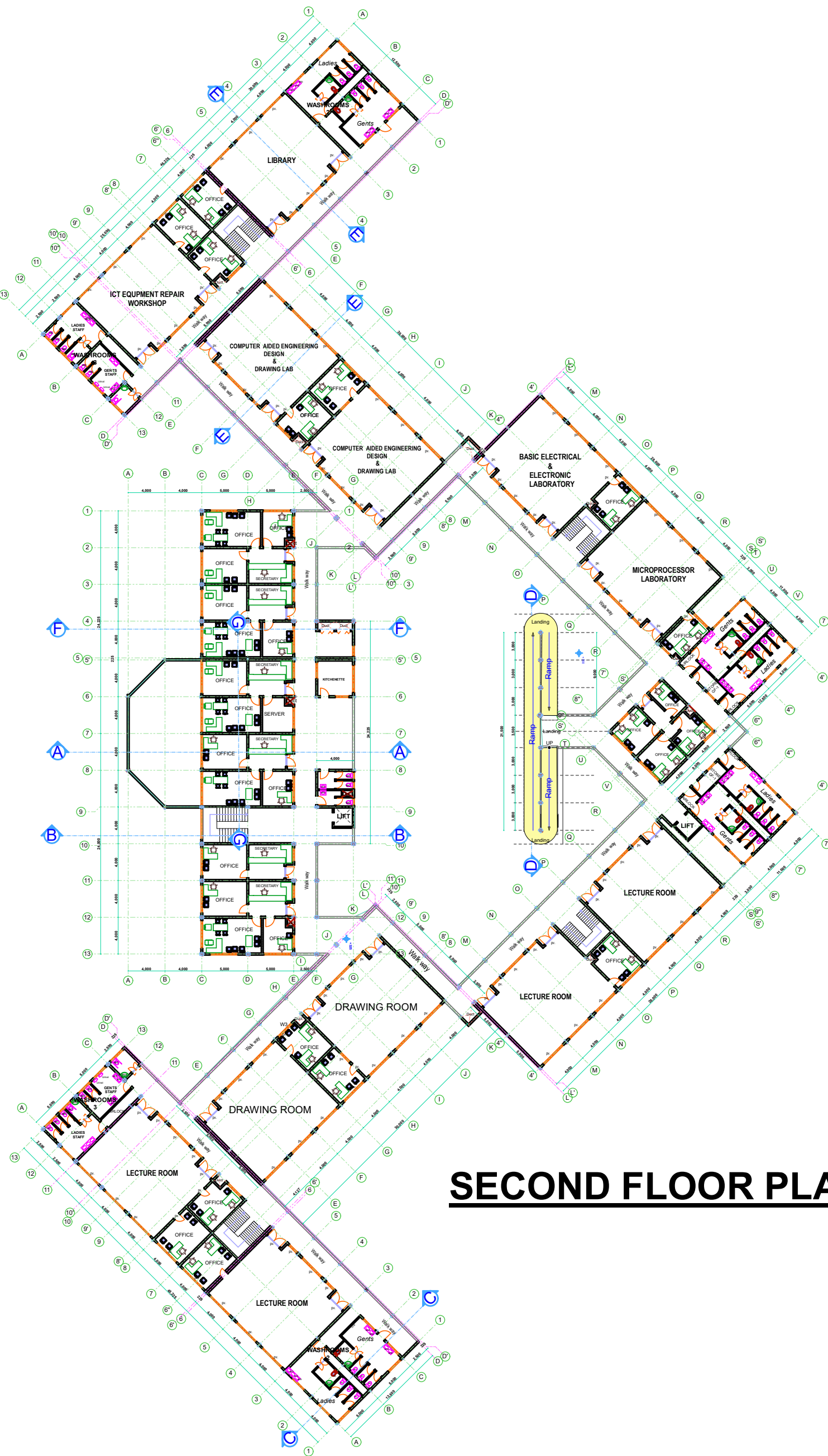
A . Ekajul

County Architect
Kakamega.

SCALE: 1:100

DATE: MARCH 2020

DRG. NO. EC / ARCH /03



SECOND FLOOR PLAN

Abbreviations Meaning	
Svp	Soil vent pipe
mh	Man hole
ic	Inspection chamber
gt	Gully trap
pv	Permanent ventilations-on all windows and doors except on internal toilets doors
whb	wash hand basin
wc	Water closet
Dpc	Damp proof course-under all grd. fl walling
dpm	Damp proof membrane

NOTES

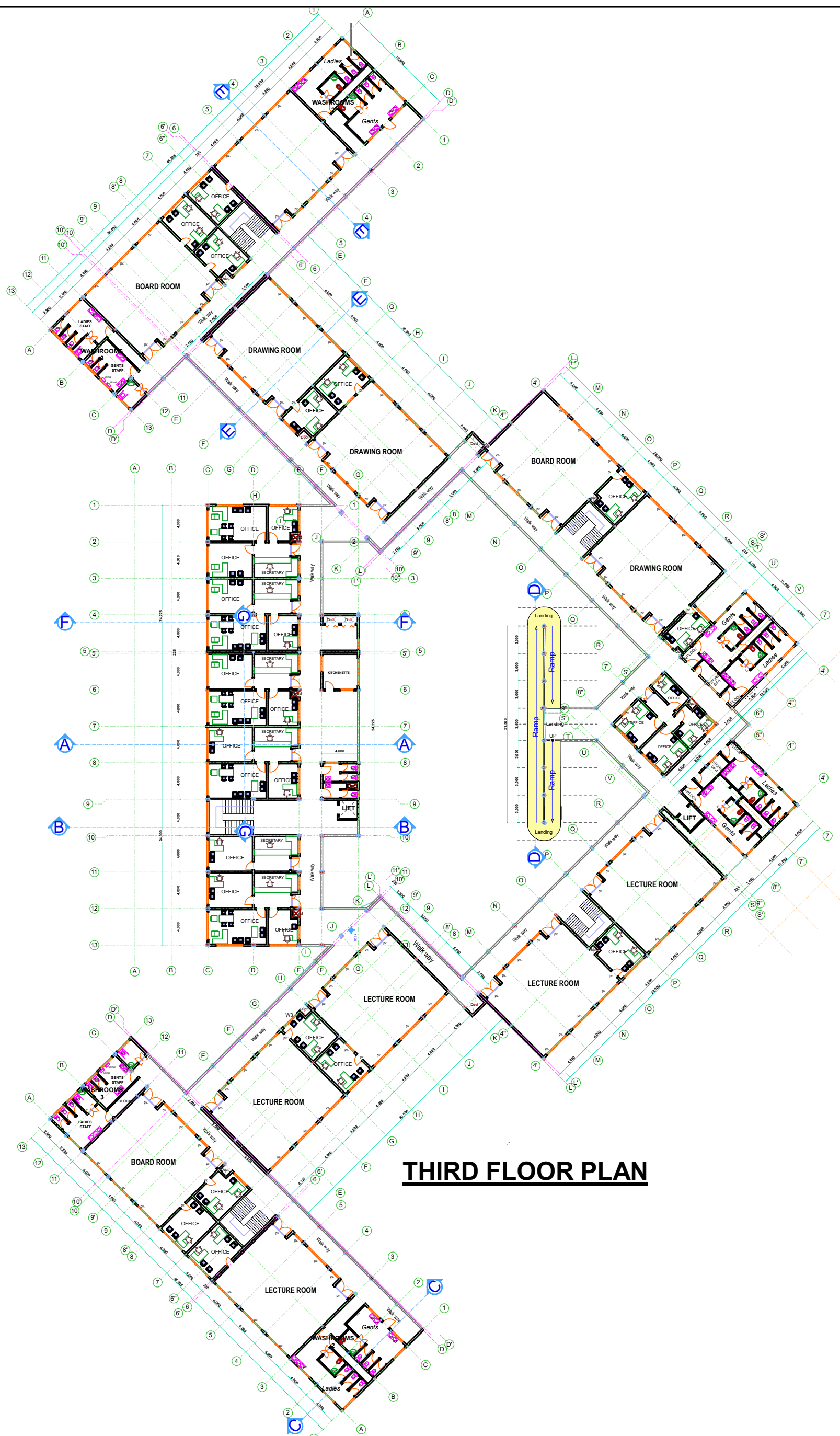
GENERAL

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The contractor must check and verify all dimensions on site before commencement on any work in case of any discrepancy refer to the architect immediately .
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- Depth of foundation and plinth level to be determined on site.
- All Plumbing, Water reticulation and drainage to be left clean and in working order to the entire to satisfaction of M.O.H.

REVISIONS

REV:	DATE:	DESCRIPTION

Client: MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY P.O BOX 190-50100 KAKAMEGA	Title: PROPOSED ENGINEERING AND TVET COMPLEX	Approved by:		Drawn by:	Oluchiri A Lawrence	SCALE:	1:100	
		Name:	Prof. S . SHIBAIRO			Design by:	A . Ekajul	DATE:
		Title:	Ag. VC.	County Architect Kakamega.	DRG. NO.			EC / ARCH /04
		Signature:						
		Date:						



Abbreviations Meaning	
Svp	Soil vent pipe
mh	Man hole
ic	Inspection chamber
gt	Gully trap
pv	Permanent ventilations-on all windows and doors except on internal toilets doors
whb	wash hand basin
wc	Water closet
Dpc	Damp proof course-under all grd. fl walling
dpm	Damp proof membrane

NOTES

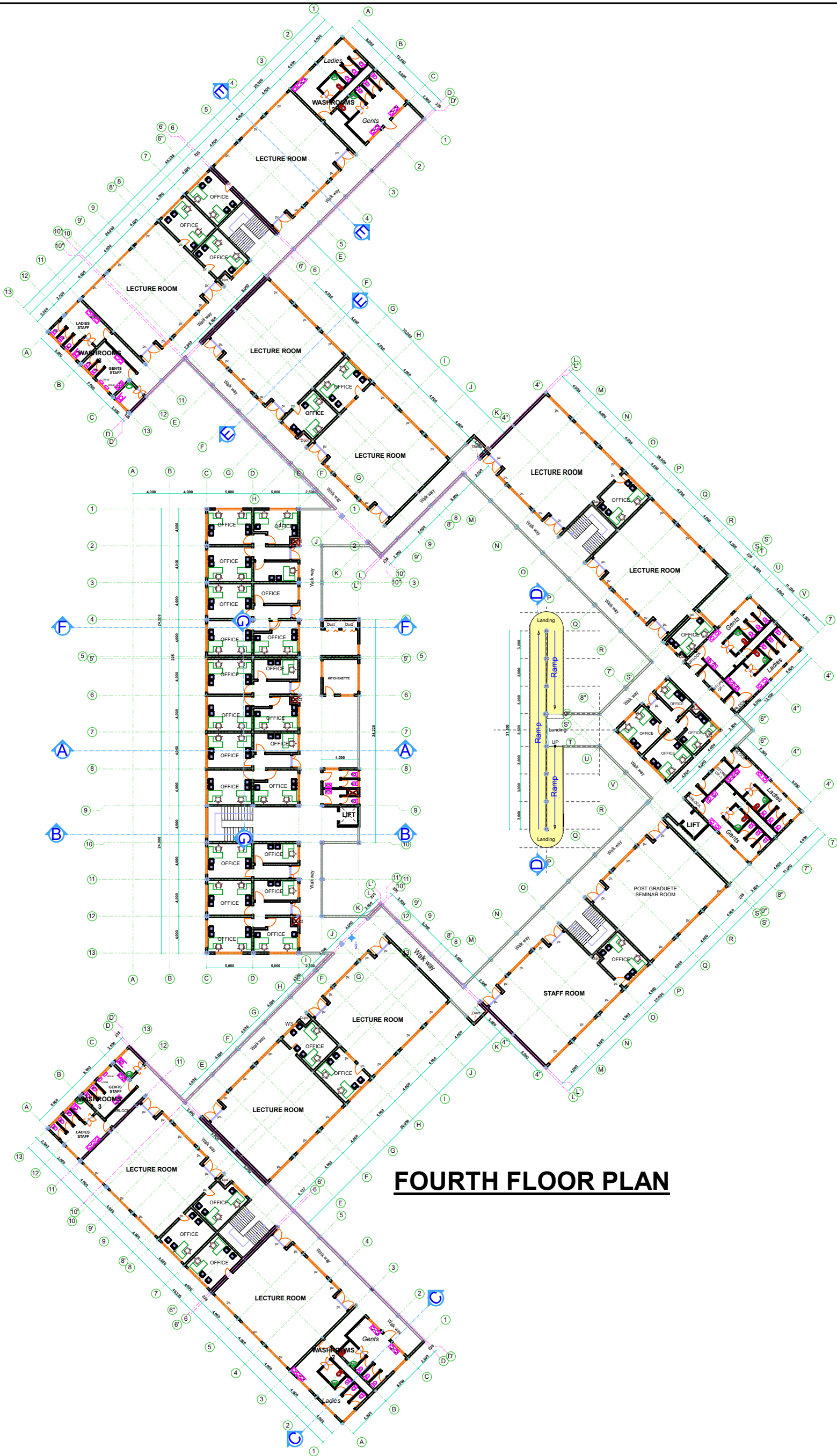
GENERAL

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REVISIONS

REV:	DATE:	DESCRIPTION

Client: MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY P.O BOX 190-50100 KAKAMEGA	Title: PROPOSED ENGINEERING AND TVET COMPLEX	Approved by:		Drawn by: Oluchiri A Lawrence	SCALE: 1:100
		Name:	Prof. S . SHIBAIRO		
		Title:	Ag. VC.	Design by: A. Ekajul County Architect Kakamega.	DATE: MARCH 2020
		Signature:			DRG. NO. EC / ARCH /05
		Date:			



Abbreviations Meaning

Svp	Soil vent pipe
mh	Man hole
ic	Inspection chamber
gt	Gully trap
pv	Permanent ventilations-on all windows and doors except on internal toilets doors
whb	wash hand basin
wc	Water closet
Dpc	Damp proof course-under all grd. fl walling
dpm	Damp proof membrane

NOTES

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REVISIONS

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Client:
MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
P.O BOX 190-50100
KAKAMEGA

Title:
PROPOSED ENGINEERING
AND
TVET COMPLEX

Approved by:

Name:	Prof. S . SHIBAIRO
Title:	Ag. VC.
Signature:	
Date:	

Drawn by:

Oluchiri A Lawrence

Design by:

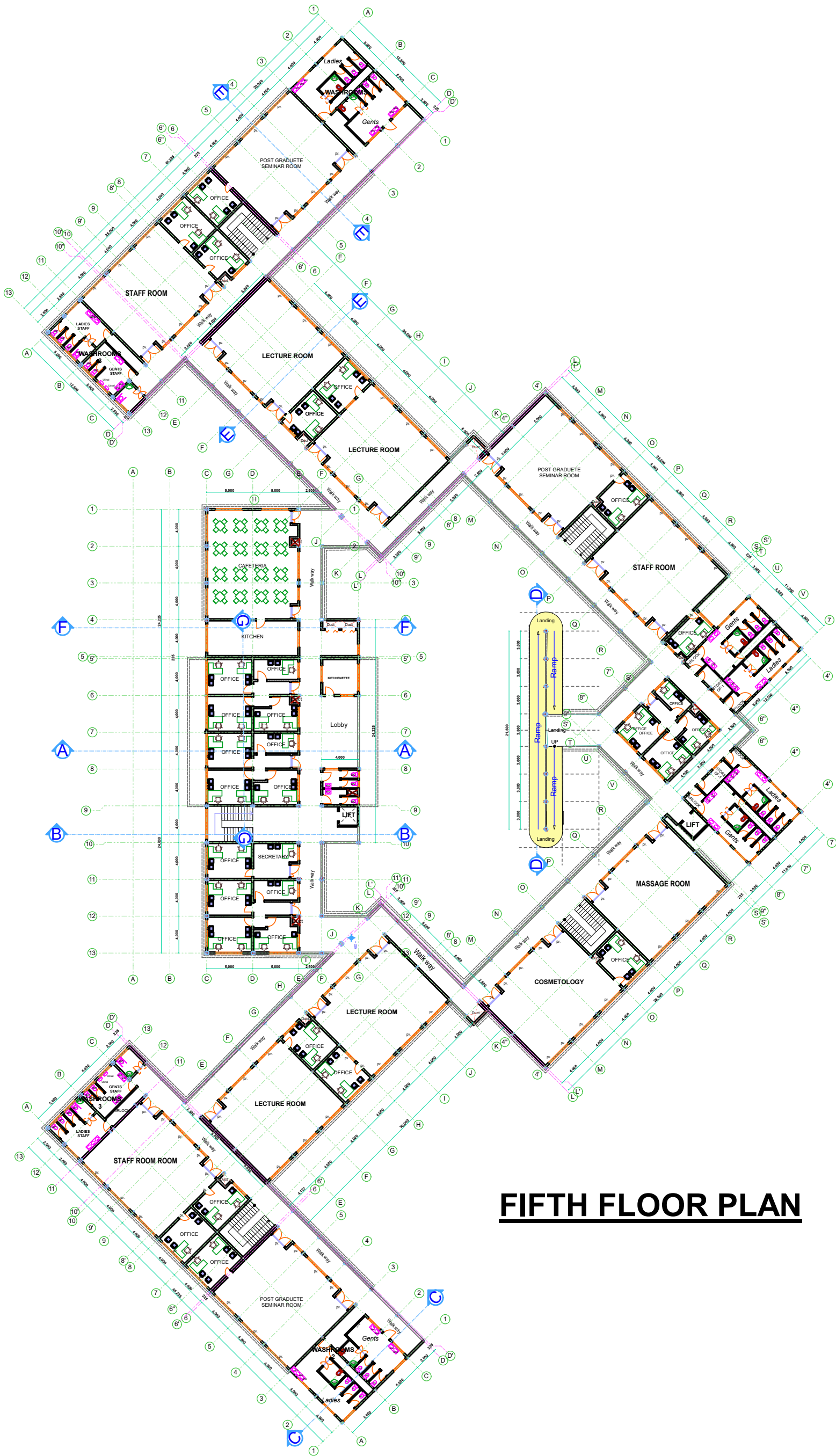
A . Ekajul

County Architect
Kakamega.

SCALE: 1:100

DATE: MARCH 2020

DRG. NO. EC / ARCH /06



FIFTH FLOOR PLAN

Abbreviations Meaning

Svp	Soil vent pipe
mh	Man hole
ic	Inspection chamber
gt	Gully trap
pv	Permanent ventilations-on all windows and doors except on internal toilets doors
whb	wash hand basin
wc	Water closet
Dpc	Damp proof course-under all grd. fl walling
dpm	Damp proof membrane

NOTES

GENERAL

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- Depth of foundation and plinth level to be determined on site.
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REVISIONS

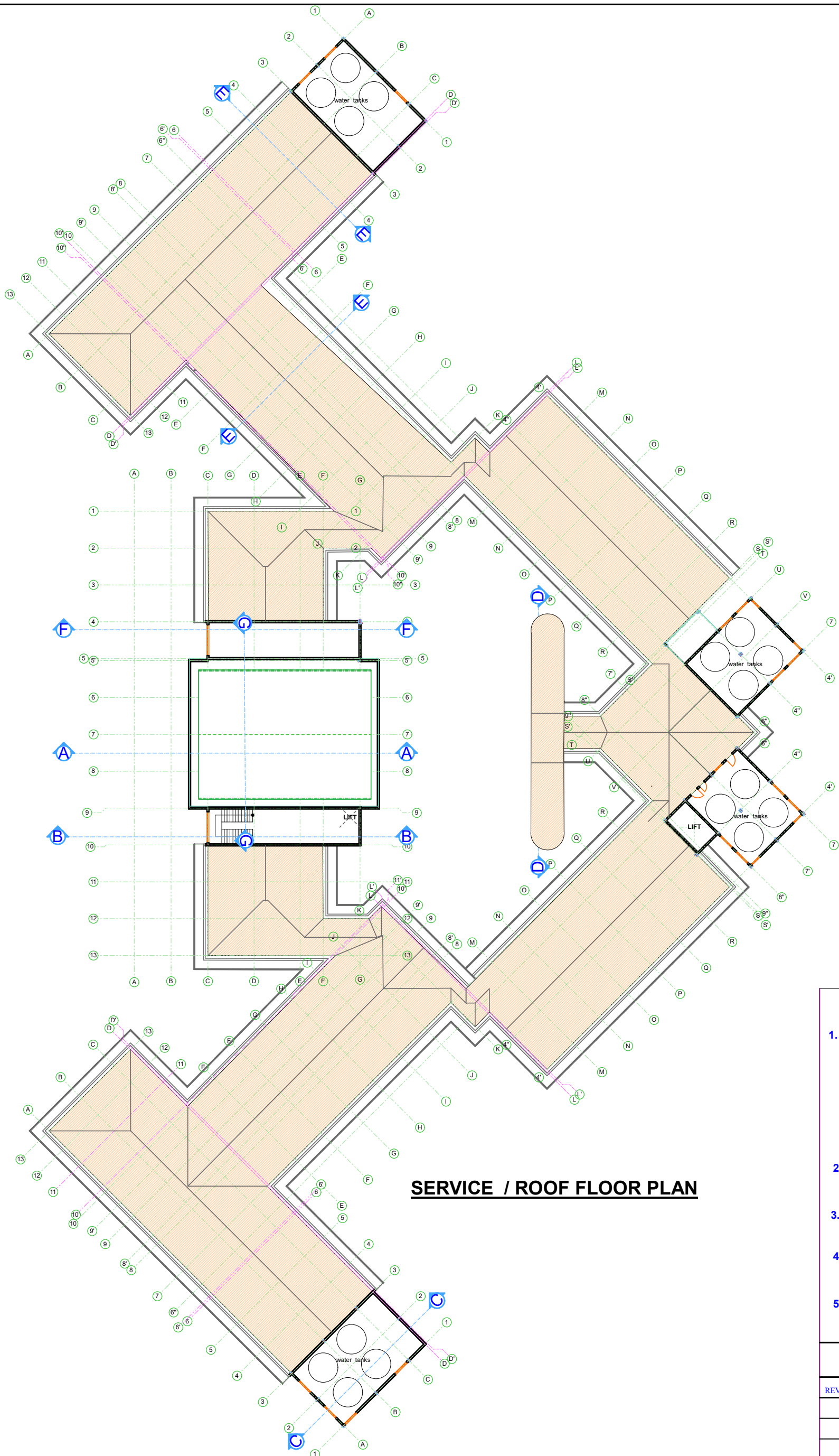
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Client:
MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
P.O BOX 190-50100
KAKAMEGA

Title:
PROPOSED ENGINEERING
AND
TVET COMPLEX

Approved by:	
Name:	Prof. S . SHIBAIRO
Title:	Ag. VC.
Signature:	
Date:	

Drawn by:	Oluchiri A Lawrence	SCALE: 1:100
Design by:	A . Ekajul	DATE: MARCH 2020
County Architect Kakamega.		DRG. NO. EC / ARCH /07



SERVICE / ROOF FLOOR PLAN

NOTES

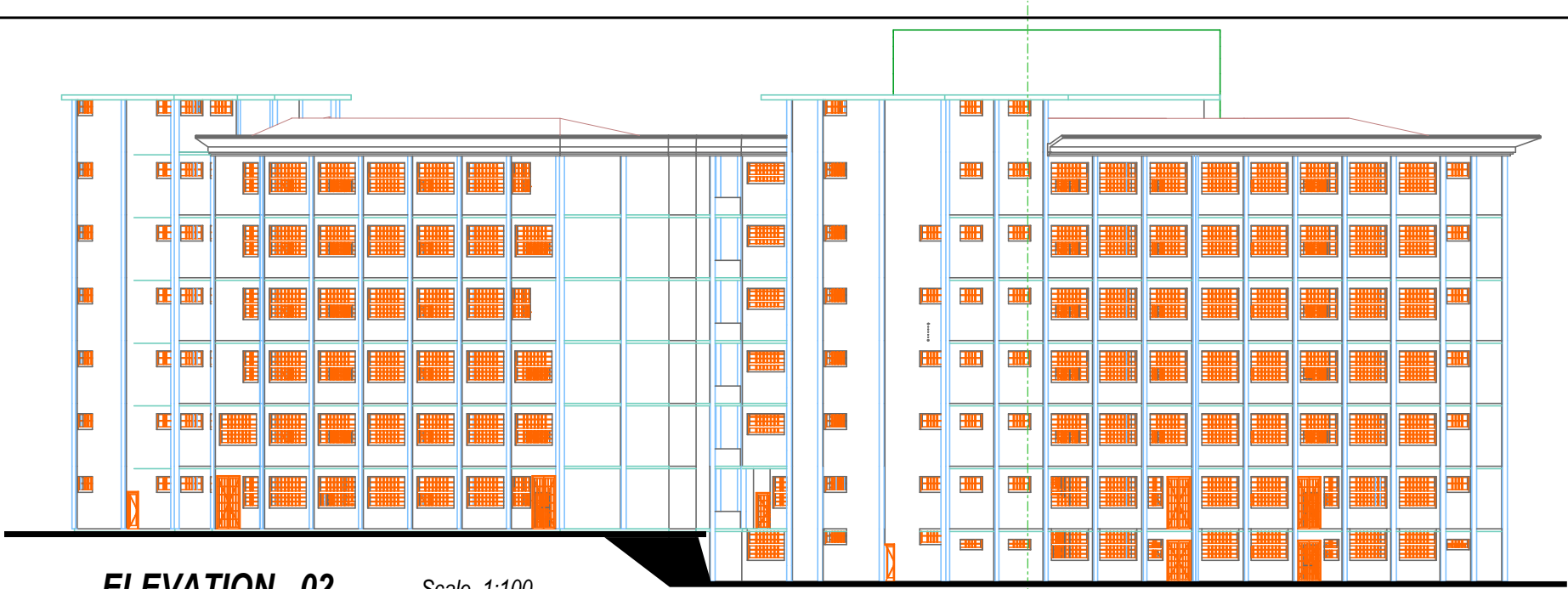
GENERAL

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REVISIONS

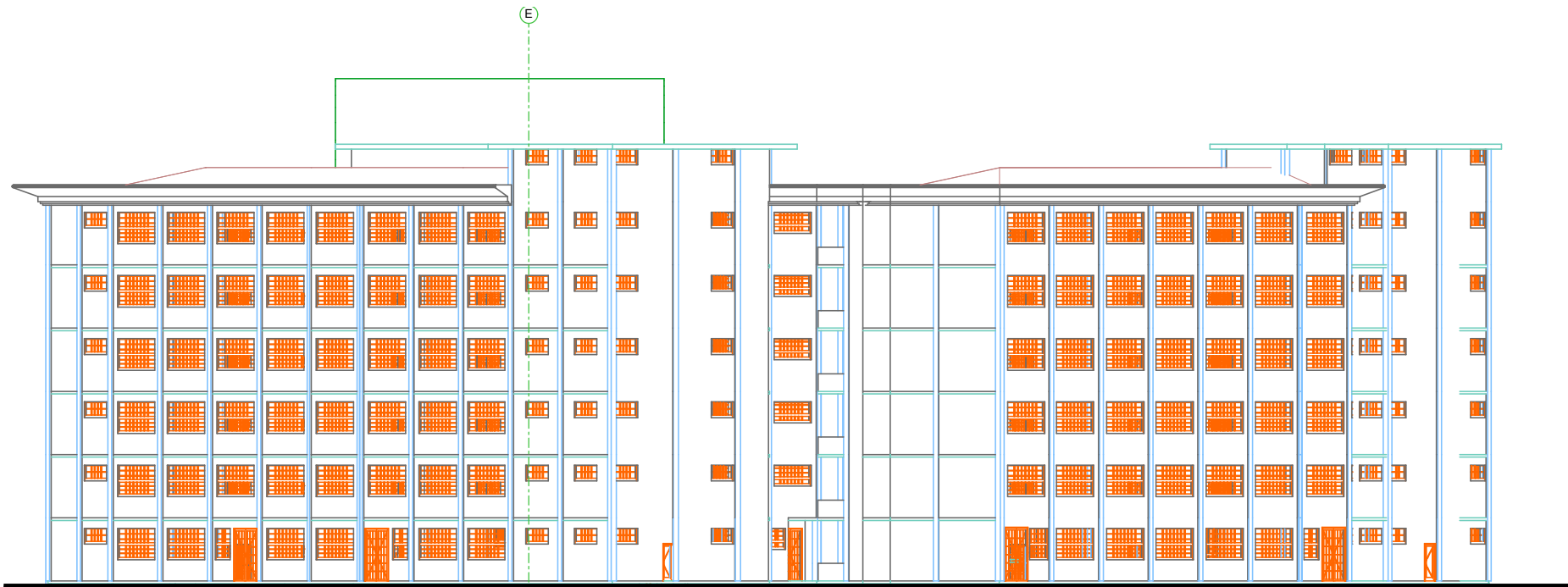
REV:	DATE:	DESCRIPTION

Client: MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY P.O BOX 190-50100 KAKAMEGA	Title: PROPOSED ENGINEERING AND TVET COMPLEX	Approved by:		Drawn by: Oluchiri A Lawrence	SCALE: 1:100
		Name:	Prof. S . SHIBAIRO		
		Title:	Ag. VC.		
		Signature:			
		Date:			
		Design by:	A . Ekajul	DATE: MARCH 2020	
		County Architect Kakamega.		DRG. NO. EC / ARCH /08	



ELEVATION 02

Scale 1:100



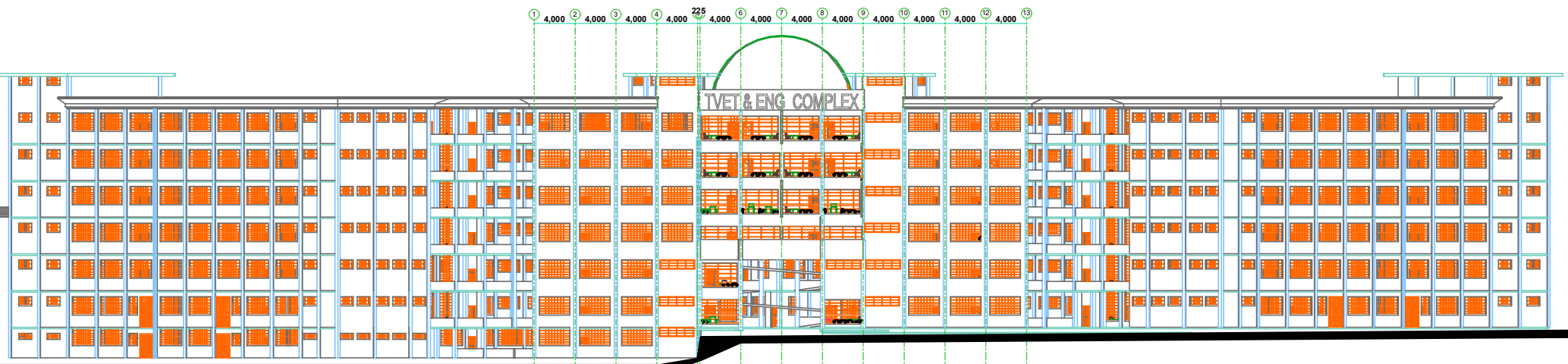
ELEVATION 04

Scale 1:100



ELEVATION 03

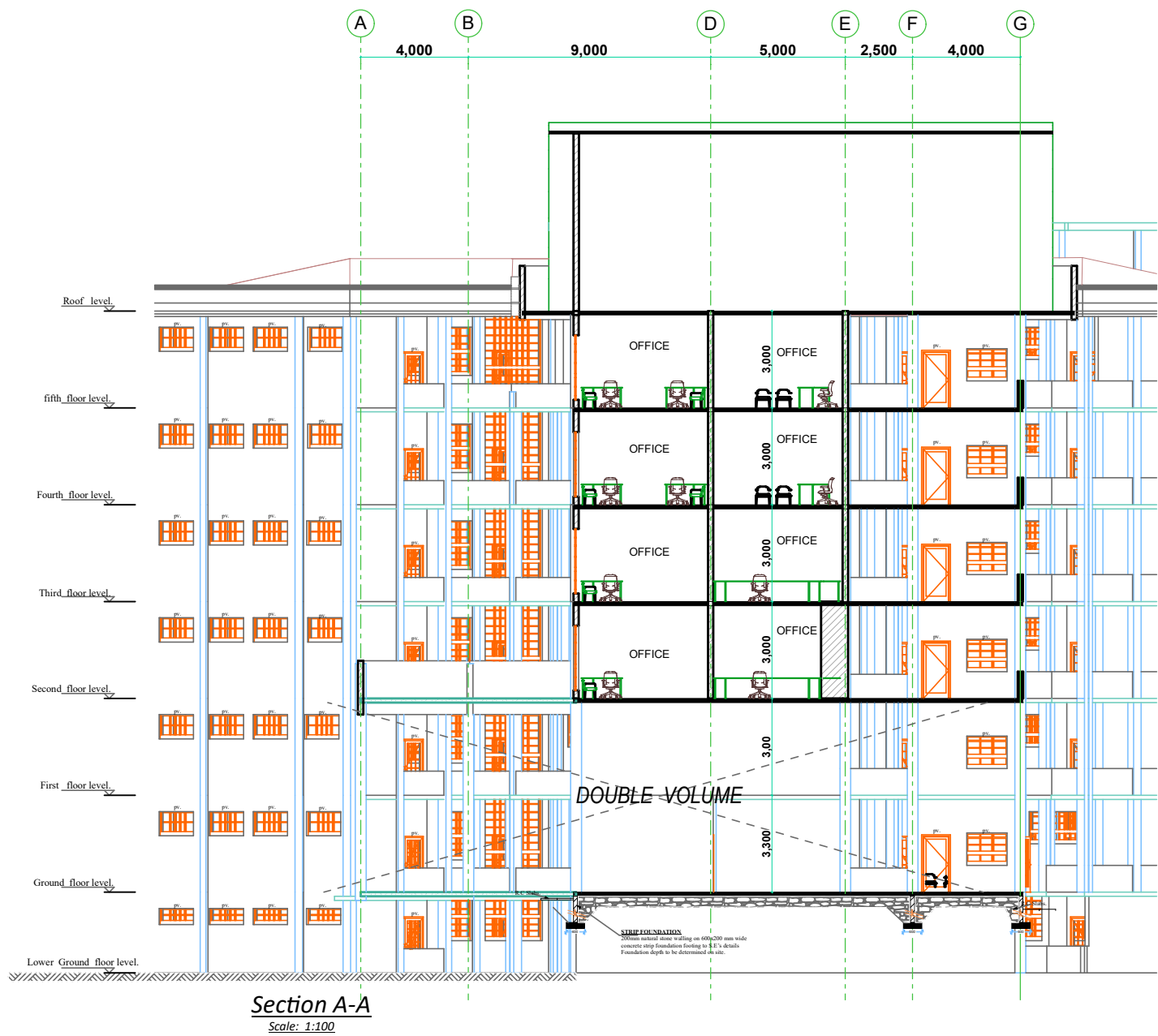
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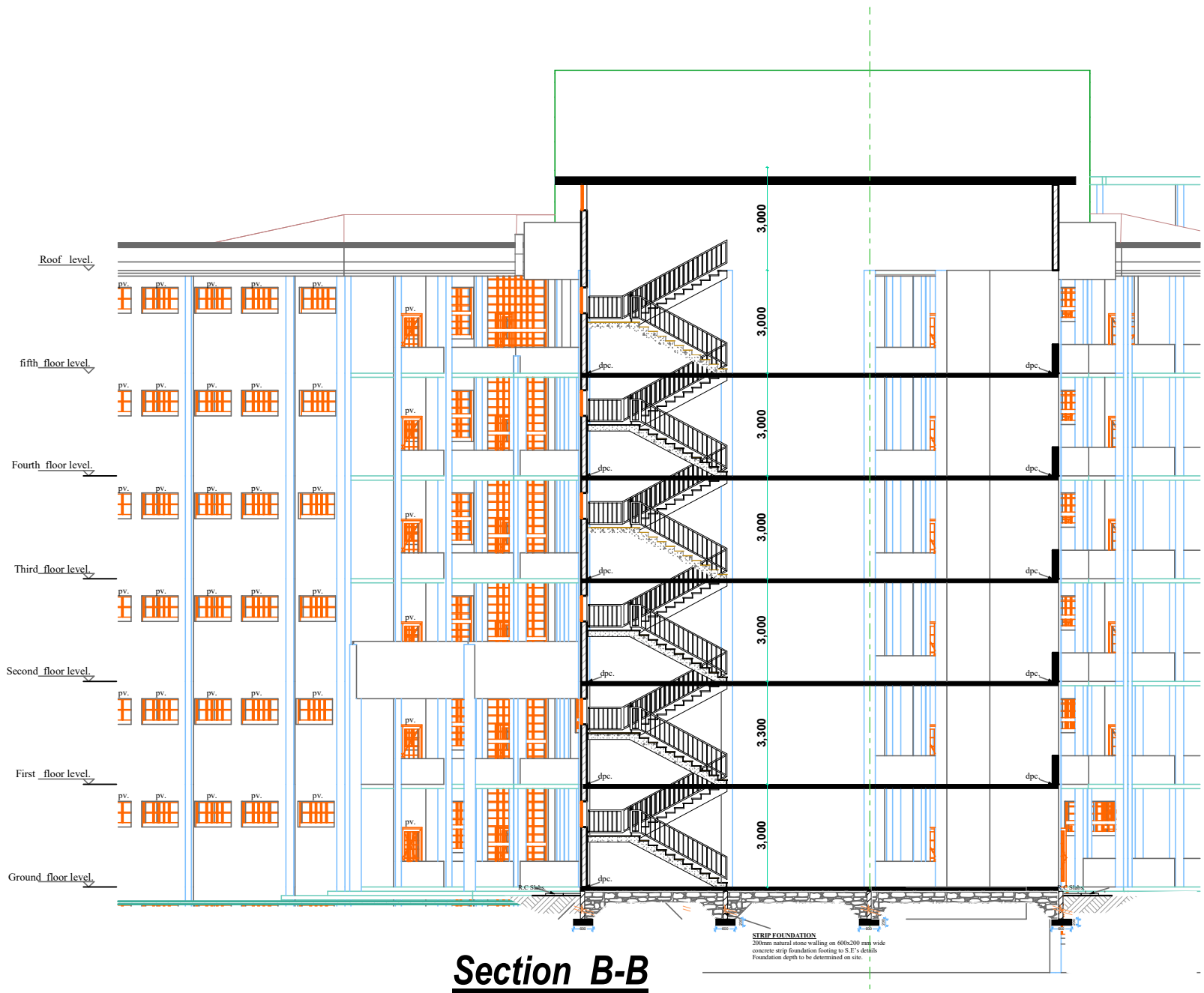
ELEVATION 01

Scale 1:100

Client: MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY P.O BOX 190-50100 KAKAMEGA	Title: PROPOSED ENGINEERING AND TVET COMPLEX	Approved by:		Drawn by:	Oluchiri A Lawrence	SCALE:	1:100
		Name:	Prof. S . SHIBAIRO	Design by:	A . Ekajul County Architect Kakamega.	DATE:	MARCH 2020
		Title:	Ag. VC.			DRG. NO.	EC / ARCH /09
		Signature:					
		Date:					



Section A-A
Scale: 1:100



Section B-B
Scale 1:100

Abbreviations Meaning

Svp	Soil vent pipe
mh	Man hole
ic	Inspection chamber
gt	Gully trap
pv	Permanent ventilations-on all windows and doors except on internal toilets doors
whb	wash hand basin
wc	Water closet
Dpc	Damp proof course-under all grd. fl walling
dpm	Damp proof membrane

NOTES

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REVISIONS

REV:	DATE:	DESCRIPTION

Client:
MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
P.O BOX 190-50100
KAKAMEGA

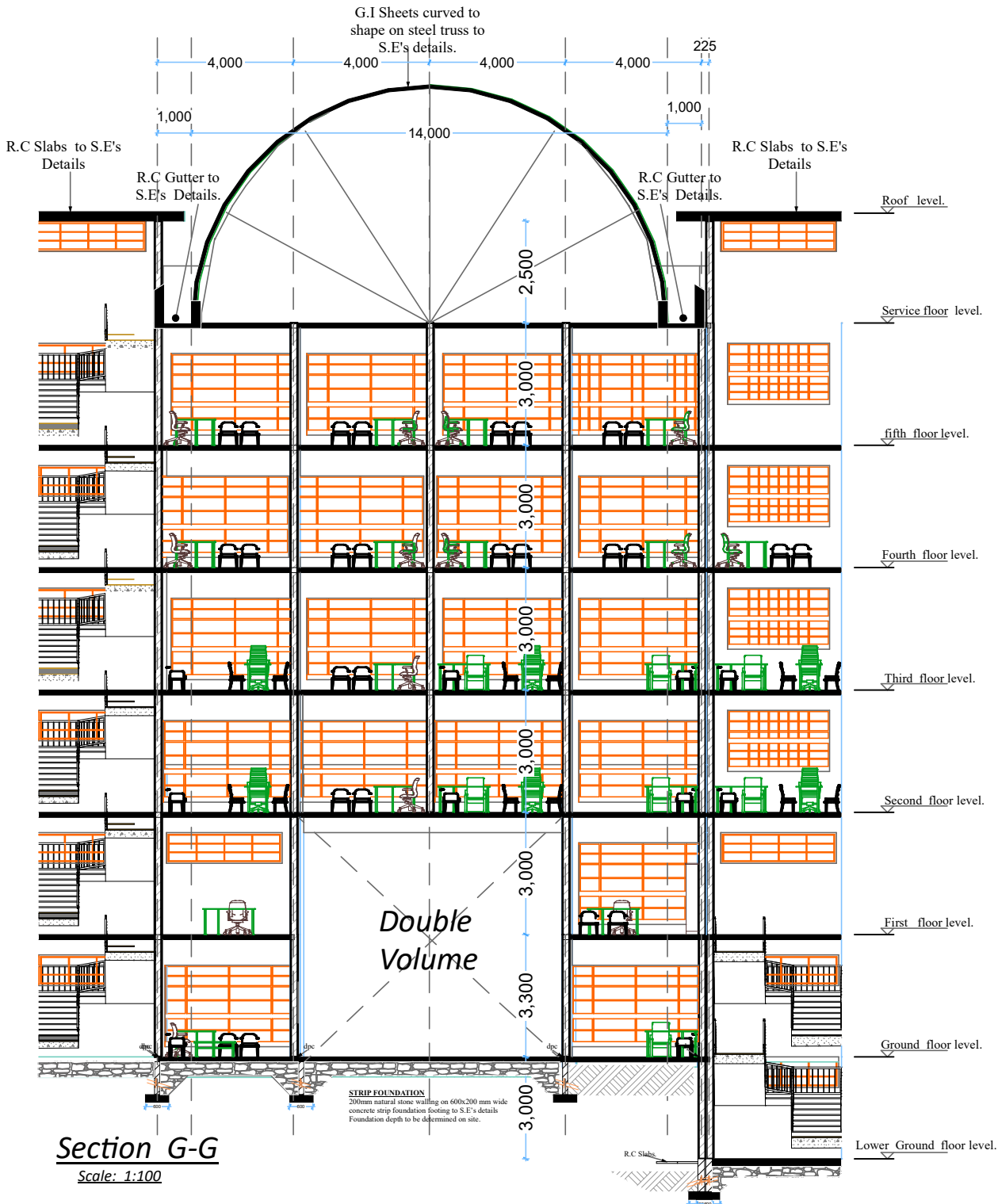
Title:
PROPOSED ENGINEERING
AND
TVET COMPLEX

Approved by:

Name: Prof. S . SHIBAIRO
Title: Ag. VC.
Signature:
Date:

Drawn by: Oluchiri A Lawrence
Design by: A . Ekajul
County Architect
Kakamega.

SCALE: 1:100
DATE: MARCH 2020
DRG. NO. EC / ARCH /10



Abbreviations Meaning

Svp	Soil vent pipe
mh	Man hole
ic	Inspection chamber
gt	Gully trap
pv	Permanent ventilations-on all windows and doors except on internal toilets doors
whb	wash hand basin
wc	Water closet
Dpc	Damp proof course-under all grd. fl walling
dpm	Damp proof membrane

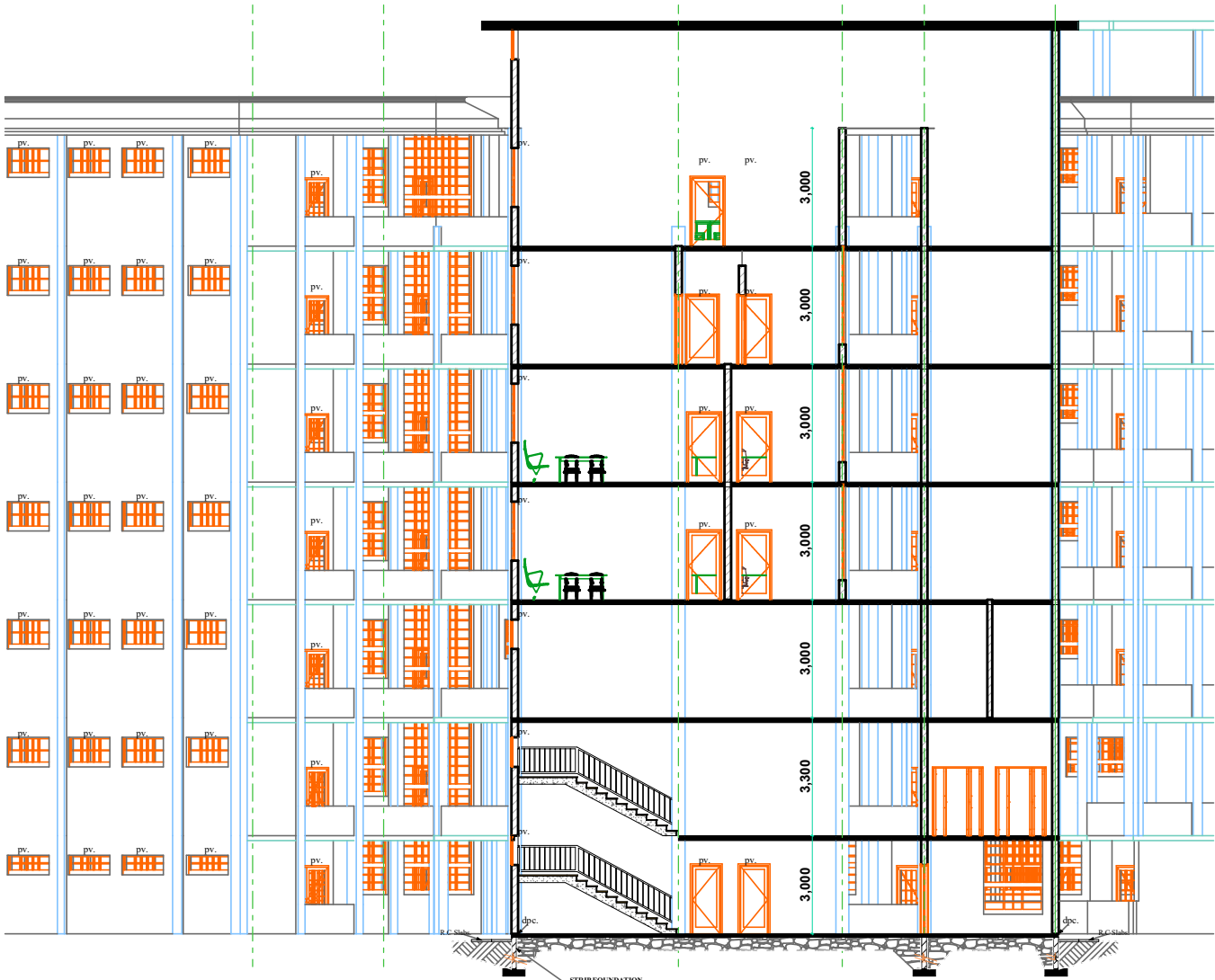
NOTES

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REVISIONS

REV:	DATE:	DESCRIPTION



Client:
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SCIENCE AND TECHNOLOGY
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KAKAMEGA

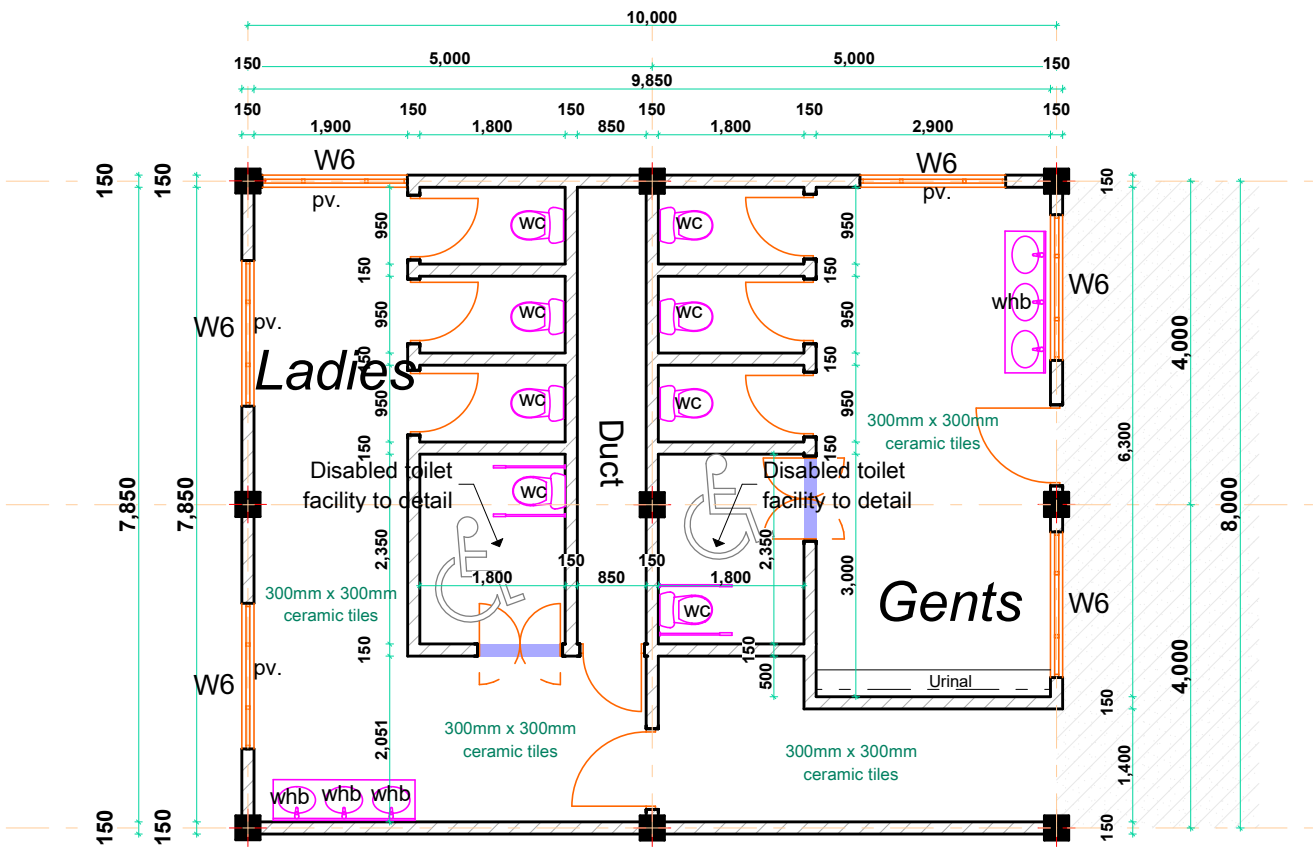
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PROPOSED ENGINEERING
AND
TVET COMPLEX

Approved by:

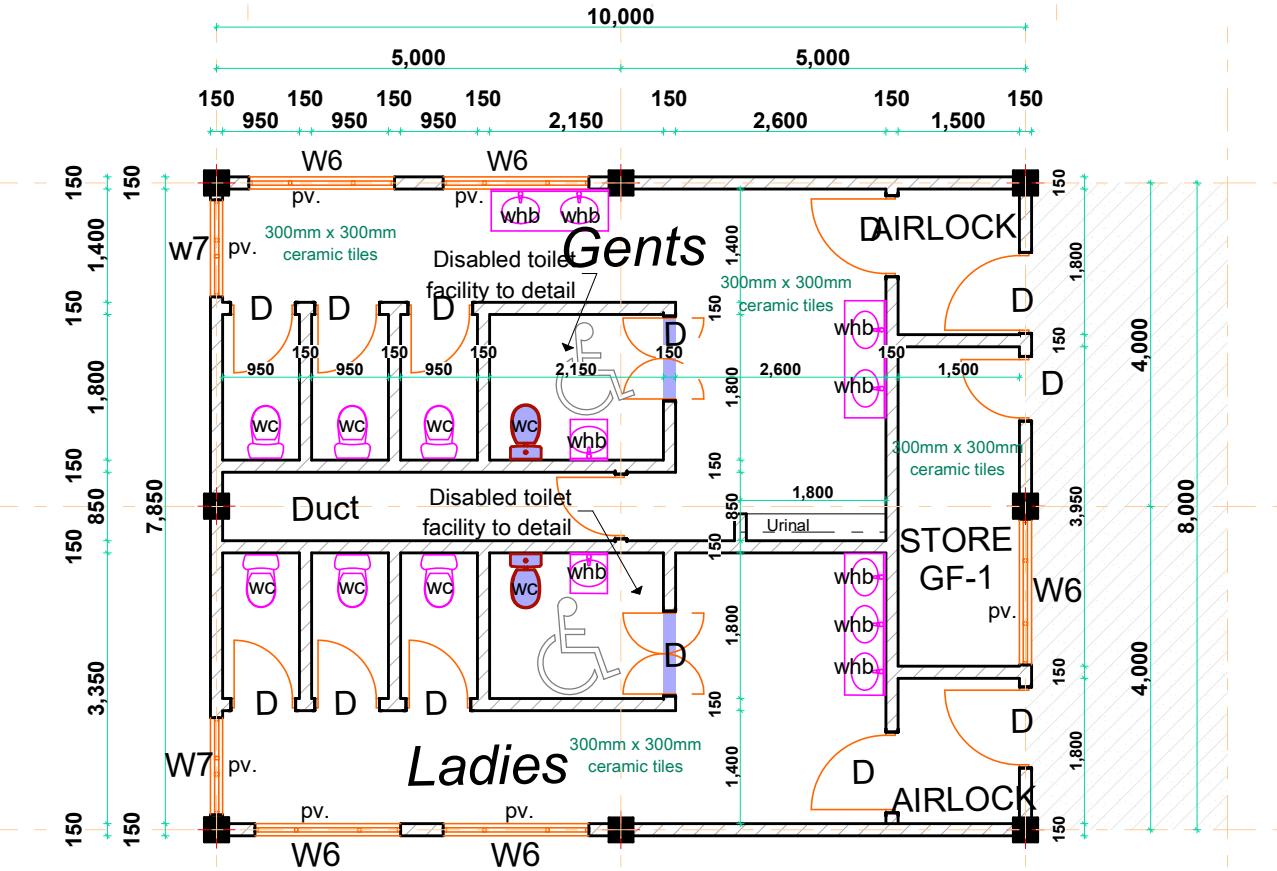
Name: Prof. S . SHIBAIRO
Title: Ag. VC.
Signature:
Date:

Drawn by: Oluchiri A Lawrence
Design by: A . Ekajul
County Architect
Kakamega.

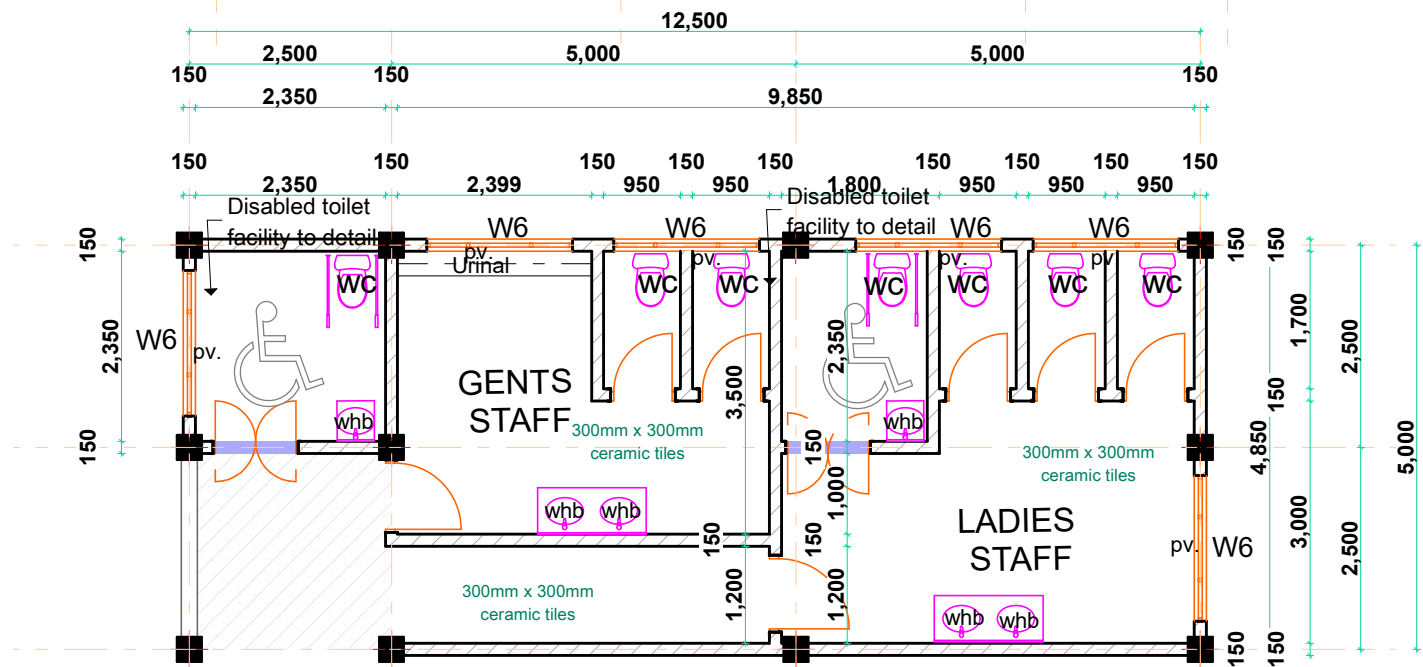
SCALE: 1:100
DATE: MARCH 2020
DRG. NO. EC / ARCH /11



Typical Washroom 2 (Students)



Typical Washroom 1 (Students)



Typical Washroom 3 (Staff)

Abbreviations Meaning

Svp	Soil vent pipe
mh	Man hole
ic	Inspection chamber
gt	Gully trap
pv	Permanent ventilations-on all windows and doors except on internal toilets doors
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------	-------	-------------

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KAKAMEGA

Title:
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Approved by:

Name:	Prof. S . SHIBAIRO
Title:	Ag. VC.
Signature:	
Date:	

Drawn by:

Oluchiri A Lawrence

Design by:

A . Ekajul

County Architect
Kakamega.

SCALE: 1:100

DATE: MARCH 2020

DRG. NO. EC / ARCH /12