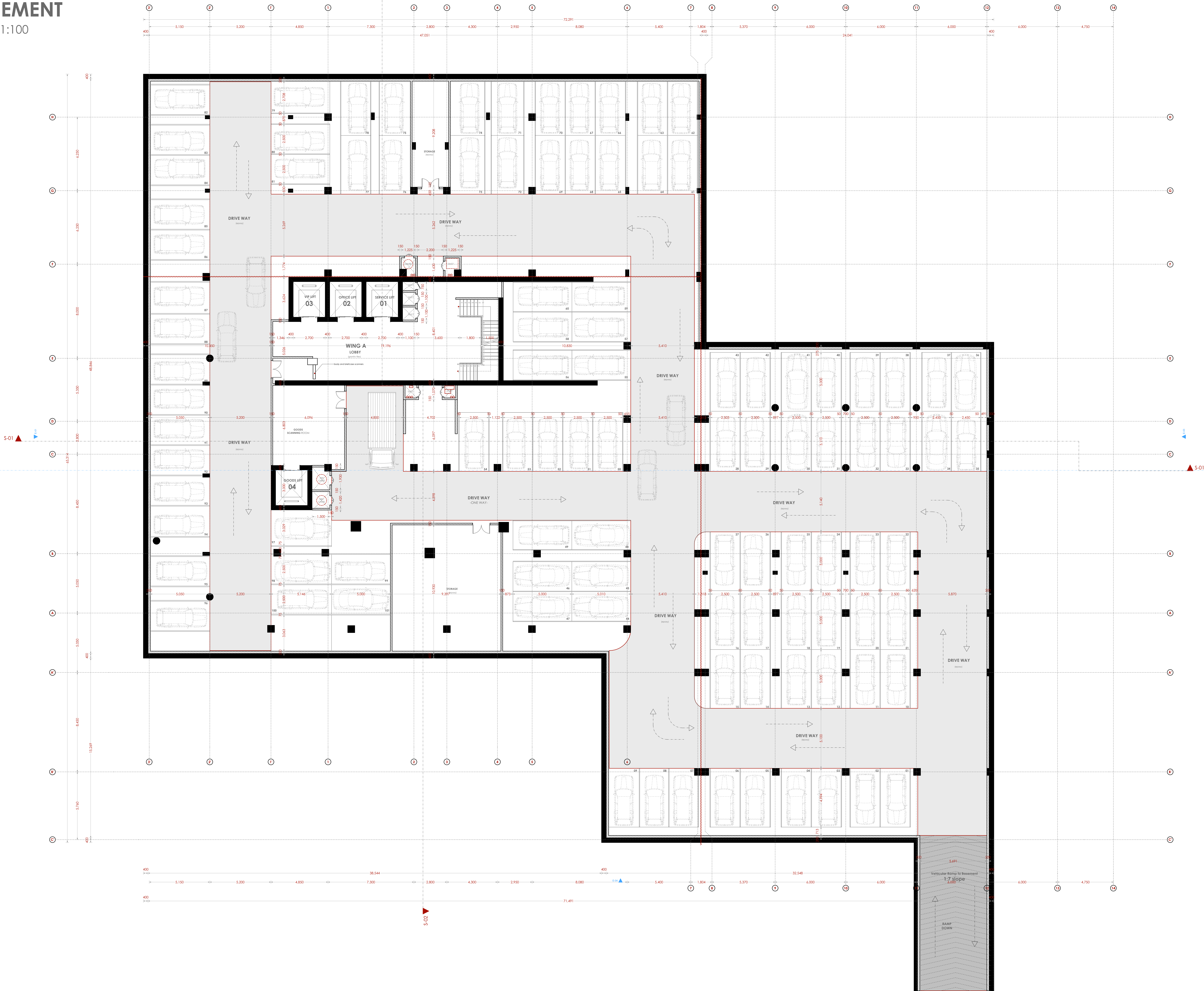


BASEMENT
SCALE 1:100



NOTES

- GENERAL**
- +All dimensions are shown in mm unless otherwise specified.
 - +Drawings are not to be scaled. Only figured dimensions to be used.
 - +The contractor must check and verify all dimensions on site before commencement of any work.
- CONSTRUCTION**
- +Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
 - +All slab at grade to be poured on 1000gauge polythene 50mm stone dust blinding on compacted hardcore.
 - +All soils under slabs and around external foundation to be treated for termite control.
 - +Window sills must be finished before internal plastering.
- CIVIL WORKS**
- +All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub-contractor.
 - +Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
 - +All levels for sewer and road works must be approved by the engineer before work commences.
- STRUCTURAL**
- +This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
 - +Concrete to be class 20/20 (1:2:4).
 - +Steel reinforcement bar to be "V" = high tensile steel to B.S 4461.
 - + "R" = Round mild steel to B.S 449.
 - +All timber to be sawn cypress G.S grade to KS 02-771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
 - +All timber to preservative treated in accordance with KS 02-914:1982.
 - +Depth of the foundation to be determined on site to S.E.'s approval.
- MECHANICAL**
- +Pipe dimensions are in mm.
 - +Cold water device pipes steel, with class B to B.S 1587.
 - +Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
 - +All underground foul and waste drain pipes shall be upvc to comply.
 - +All inspection chambers covers and flanking shall be cast iron to comply with BS497 TABLE 2 GRADE A.
 - +The storm water pipe to comply with BS 556.
 - +Minimum slope in the drain to be 1%.
 - +All testing of pipes must be completed before plastering.
- ELECTRICAL**
- +All conduits must be laid before plastering.
 - +General conditions of contract for sub contract works.
 - +Government electrical specification number 1.
 - +Government electrical specification number 2.
 - +Electrical act and rules made there under.
 - +The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
 - +Kenya power and lighting Co. Ltd.
- FIRE**
- +Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
 - +Provide underground water tank with automatic electric booster pump for ring main
 - +Provide automatic push button fire alarm system
 - +Provide heat and smoke detectors in each room
 - +Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
syp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
vwb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: **PLOT L.R. NO. 209/15372,**

Location: **PROJECT SOUTH C, NAIROBI.**

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

Consultants:
ARPRIM CONSULTANTS
P. O. Box 12969 - 00400 Nairobi
Tel: 020-884312/8
E-mail: www.arprimconsultants.com

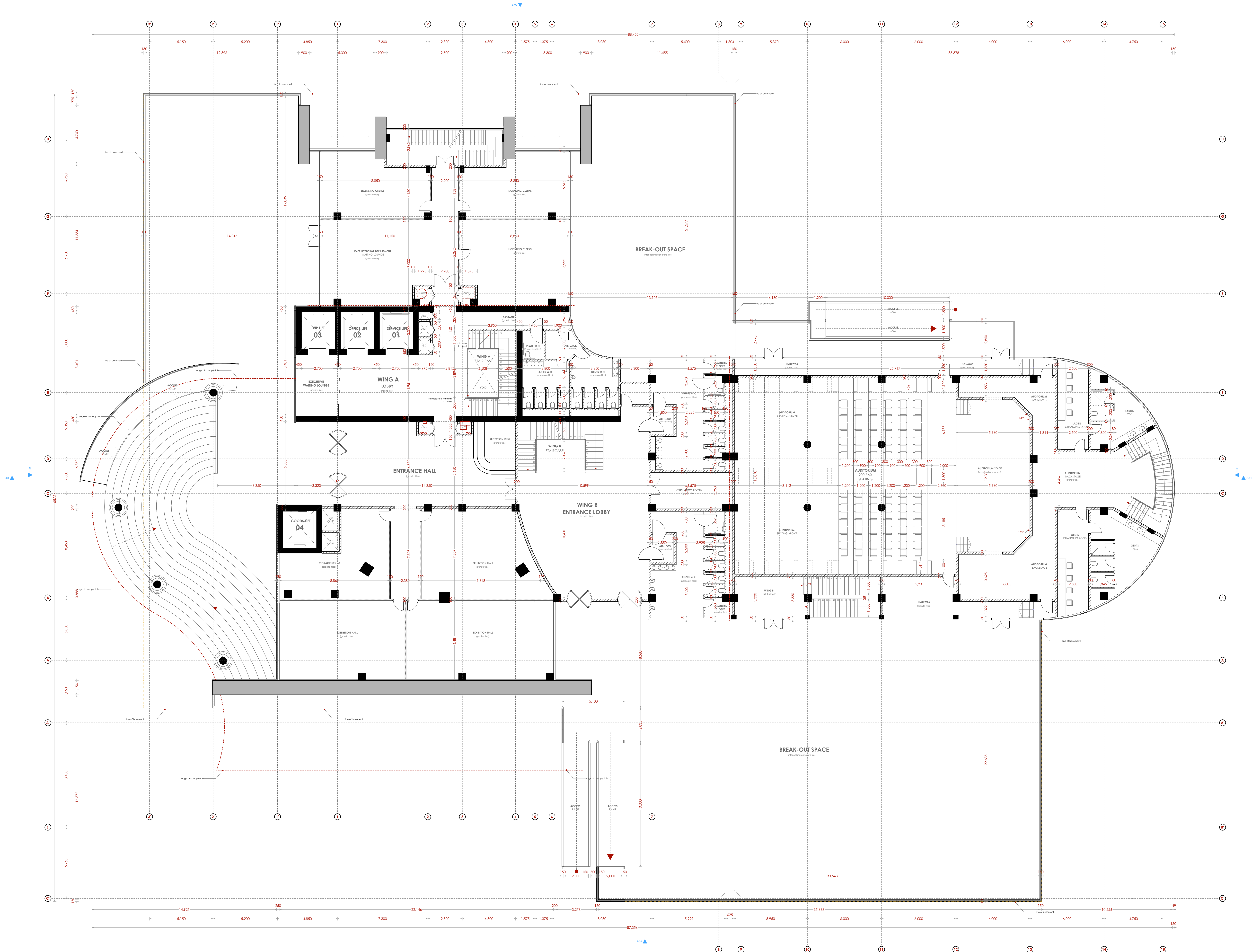
Drawn by: - C. Ngere B. Arch. (Hons) MAAK (A)	Designed by: - F. Tundell B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1552)	Checked by: - J. Momanyi B. Arch. (Hons), M. Arch. B.Tech., Reg. Arch. MAAK (A) Architect (reg. No. A1122)
---	--	---

Date: 27/09/2022 Job No.:2021/Jan/UVUYI HOUSE

Scale: 1:100 unless shown otherwise Drawing No.:

GROUND FLOOR

SCALE 1:100



NOTES

GENERAL

- +All dimensions are shown in mm unless otherwise specified.
- +Drawings are not to be scaled. Only figured dimensions to be used.
- +The contractor must check and verify all dimensions on site before commencement of any work.

CONSTRUCTION

- +Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
- +All slab at grade to be poured on 1000/gauge polythene 50mm stone dust blinding on compacted hardcore.
- +All soils under slab and around external foundation to be treated for termite control.
- +Window sills must be finished before internal plastering.

CIVIL WORKS

- +All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub-contractor.
- +Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
- +All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL

- +This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
- +Concrete to be class 20/20 (1:2:4).
- +Steel reinforcement bar to be "Y" = high tensile steel to B.S 4461.
- + "R" = Round mild steel to B.S 449.
- +All timber to be sawn cypress G.S grade to KS 02-771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
- +All timber to preservative treated in accordance with KS 02-914:1982.
- +Depth of the foundation to be determined on site to S.E.'s approval.

MECHANICAL

- +Pipe dimensions are in mm.
- +Cold water device pipes steel, with class B to B.S 1587.
- +Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
- +All underground foul and waste drain pipes shall be upvc to comply.
- +All inspection chambers covers and flanking shall be cast iron to comply with BS497 TABLE 2 GRADE A.
- +The storm water pipe to comply with BS 556.
- +Minimum slope in the drain to be 1%.
- +All testing of pipes must be completed before plastering.

ELECTRICAL

- +All conduits must be laid before plastering.
- +General conditions of contract for sub contract works.
- +Government electrical specification number 1.
- +Government electrical specification number 2.
- +Electrical act and rules made there under.
- +The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
- +Kenya power and lighting Co. Ltd.

FIRE

- +Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
- +Provide underground water tank with automatic electric booster pump for ring main
- +Provide automatic push button fire alarm system
- +Provide heat and smoke detectors in each room
- +Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
syp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st.eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: PLOT L.R. NO. 209/15372,

Location: PROJECT SOUTH C, NAIROBI.

Client:

STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

Consultants:

ARPRIM CONSULTANTS

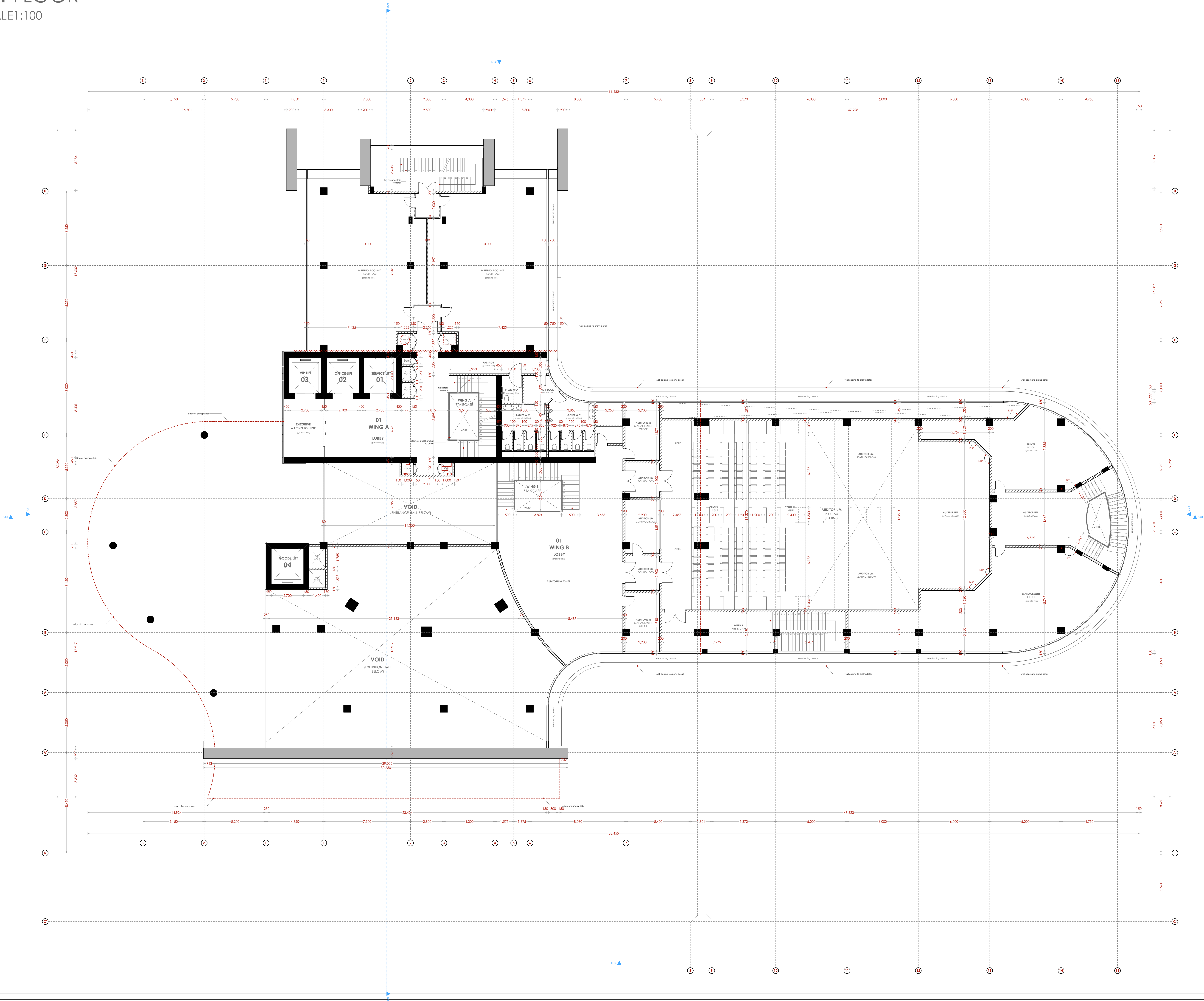
P. O. Box 12969 – 00400 Nairobi

Tel: 020-884312/8

E-mail: www.arprimconsultants.com

Drawn by: -	Designed by: -	Checked by: -
C. Ngere B. Arch. (Hons) MAAK (A)	F. Tundell B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1552)	J. Mwangi B. Arch. (Hons), M. Arch. B.Tech., Reg. Arch. MAAK (A) Architect (reg. No. A1123)

Date:	Job No.:
14/06/2022	:2021/Jan/UVUYI HOUSE
Scale: 1:100 unless shown otherwise	Drawing No.:



NOTES

- GENERAL**
- +All dimensions are shown in mm unless otherwise specified.
 - +Drawings are not to be scaled. Only figured dimensions to be used.
 - +The contractor must check and verify all dimensions on site before commencement of any work.
- CONSTRUCTION**
- +Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
 - +All slab at grade to be poured on 1000gauge polythene 50mm stone dust binding on compacted hardcore.
 - +All soils under slab and around external foundation to be treated for termite control.
 - +Window sills must be finished before internal plastering.
- CIVIL WORKS**
- +All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub-contractor.
 - +Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
 - +All levels for sewer and road works must be approved by the engineer before work commences.
- STRUCTURAL**
- +This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
 - +Concrete to be class 20/20 (1:2:4).
 - +Steel reinforcement bar to be "Y" = high tensile steel to B.S 4461.
 - + "R" = Round mild steel to B.S 4461.
 - +All timber to be sawn cypress G.S grade to KS 02-771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
 - +All timber to preservative treated in accordance with KS 02-914:1982.
 - +Depth of the foundation to be determined on site to S.E.'s approval.
- MECHANICAL**
- +Pipe dimensions are in mm.
 - +Cold water device pipes steel, with class B to B.S 1587.
 - +Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
 - +All underground foul and waste drain pipes shall be upvc to comply.
 - +All inspection chambers covers and flanking shall be cast iron to comply with BS497 TABLE 2 GRADE A.
 - +The storm water pipe to comply with BS 556.
 - +Minimum slope in the drain to be 1%.
 - +All testing of pipes must be completed before plastering.
- ELECTRICAL**
- +All conduits must be laid before plastering.
 - +General conditions of contract for sub contract works.
 - +Government electrical specification number 1.
 - +Government electrical specification number 2.
 - +Electrical act and rules made there under.
 - +The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
 - +Kenya power and lighting Co. Ltd.
- FIRE**
- +Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
 - +Provide underground water tank with automatic electric booster pump for ring main
 - +Provide automatic push button fire alarm system
 - +Provide heat and smoke detectors in each room
 - +Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
svp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: **PLOT L.R. NO. 209/15372,**

Location: **PROJECT SOUTH C, NAIROBI.**

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

Consultants:
ARPRIM CONSULTANTS
P. O. Box: 12969 - 00400
Nairobi
Tel: 020-884312/8
E-mail: www.arprimconsultants.com

Drawn by: -	Designed by: -	Checked by: -
C. Ngere B. Arch. (Hons) MAAK (A)	F. Tundell B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1552)	J. Momanyi B. Arch. (Hons), M. Arch. B.Tech., Reg. Arch. MAAK (A) Architect (reg. No. A1123)

Date: 14/06/2022 Job No. :2021/Jan/UVUYI HOUSE

Scale: 1:100 unless shown otherwise Drawing No.:

SCALE1:100



GENERAL

- +All dimensions are shown in mm unless otherwise specified.
- +Drawings are not to be scaled. Only figured dimensions to be used.
- +The contractor must check and verify all dimensions on site before commencement of any work.

CONSTRUCTION

- + Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
- + All slab at grade to be poured on 1000gauge polythene on 50mm stone dust blinding on compacted hardcore.
- + All soils under slab and around external foundation to be treated for termite control.
- + Window sills must be finished before internal plastering.

CIVIL WORKS

- +All soil under slabs and all around external foundations to be treated with anti- termite pesticide AND should be executed by/licensed and duly registered sub contractor.
- +Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
- +All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL

- + This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
- + Concrete to be class 20/20 (1:2:4).
- + Steel reinforcement bar to be: "Y" = high tensile steel to B.S 4461.
"R" = Round mild steel to B.S 449.
- + All timber to be sawn cypress GS graded to KS 02- 771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
- + All timber to preservative treated in accordance with KS 02 914:1982.
- + Depth of the foundation to be determined on site to S.E.'s approval.

MECHANICAL

- + Pipe dimensions are in mm.
- + Cold water device pipes steel, with class B to B.S 1387.
- + Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
- + All underground foul and waste drain pipes shall be upvc to comply.
- + All inspection chambers covers and framing shall be cast iron to comply with BS4974

TABLE 2 GRADE A.

- + The storm water pipe to comply with BS 556.
- + Minimum slope in the drain to be 1%.
- + All testing of pipes must be completed before plastering.

ELECTRICAL

- +All conduits must be laid before plastering.
- +General conditions of contract for sub contract works.
- +Government electrical specification number 1.
- +Government electrical specification number 2.
- +Electrical act and rules made there under.
- +The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
- +Kenya power and lighting Co. Ltd.

FIRE

- + Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
- + Provide underground water tank with automatic electric booster pump for ring main
- + Provide automatic push button fire alarm system
- + Provide heat and smoke detectors in each room
- + Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
svp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course/under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
**PROPOSED KENYA MARINE FISHERIES AND
SOCIO-ECONOMIC DEVELOPMENT
(KEMFSED)**

Plot: PLOT L.R. NO. 209/15372,

Location: PROJECT SOUTH C, NAIROBI.

Client:

**STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE ECONOMY**

Signature

Subject:

[working drawings]

Consultants:

ARPRIM CONSULTANTS

P. O. Box 12969 - 00400
Nairobi

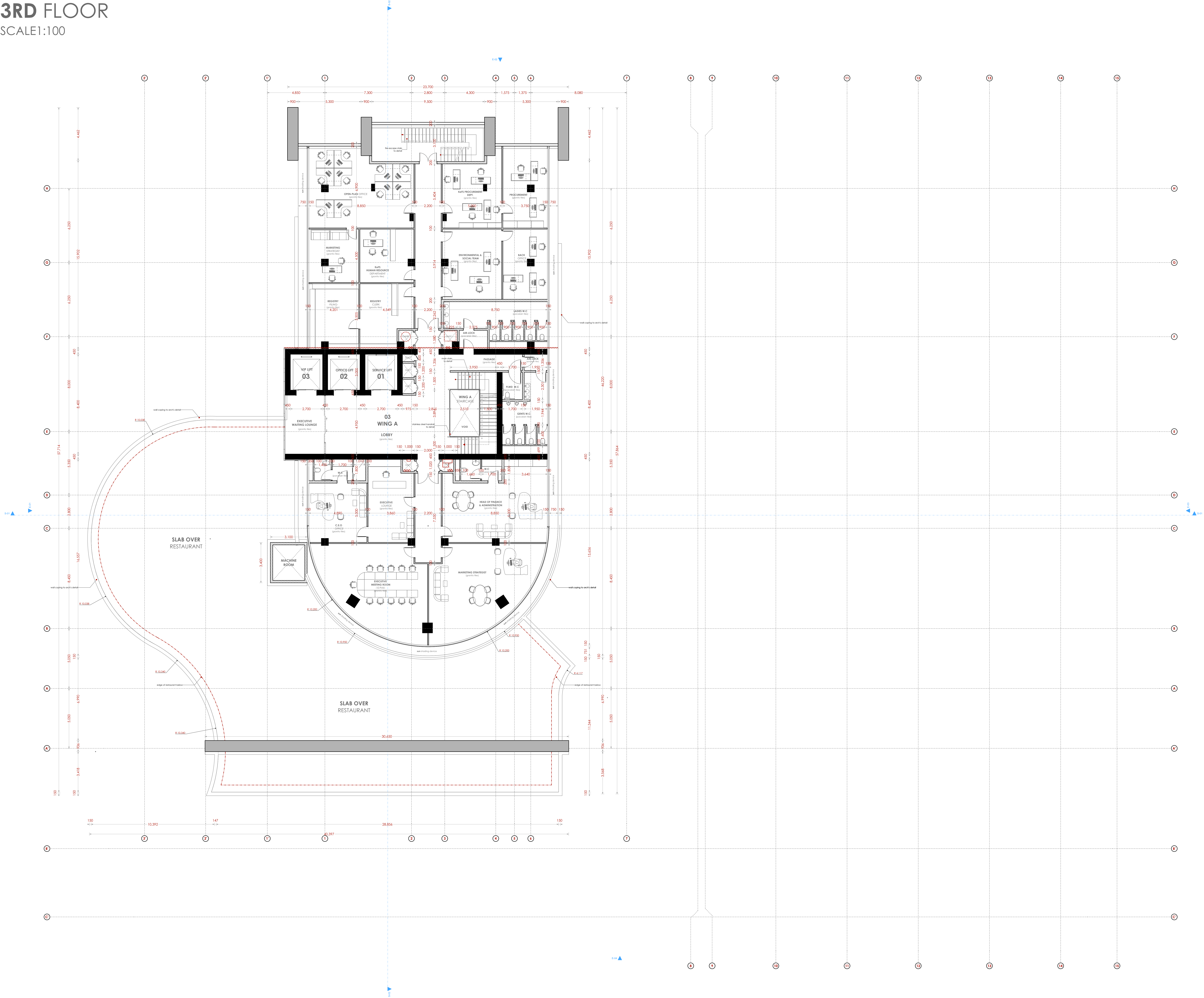
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E-mail: www.arprimconsultants.com

Drawn by: - C. Ngare B. Arch. (Hons) MAAK (A)	Designed by: - F. Tunduli B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1552)	Checked by: - J. Momanyi B. Arch. (Hons), M. Arch. B.Tech., Reg. Arch. MAAK (A) Architect (reg. No. A1122)
---	--	---

Date: 14/06/2022	Job No. : 2021/Jan/UVUVI HOUSE
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Scale: 1:100 unless shown otherwise

3RD FLOOR
SCALE 1:100



NOTES

GENERAL

- +All dimensions are shown in mm unless otherwise specified.
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CONSTRUCTION

- +Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
- +All slab at grade to be poured on 1000/gauge polythene 50mm stone dust binding on compacted hardcore.
- +All soils under slab and around external foundation to be treated for termite control.
- +Window sills must be finished before internal plastering.

CIVIL WORKS

- +All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub-contractor.
- +Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
- +All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL

- +This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
- +Concrete to be class 20/20 (1:2:4).
- +Steel reinforcement bar to be "Y" = high tensile steel to B.S 4461.
- + "R" = Round mild steel to B.S 449.
- +All timber to be sawn cypress G.S grade to KS 02-771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
- +All timber to preservative treated in accordance with KS 02-914:1982.
- +Depth of the foundation to be determined on site to S.E's approval.

MECHANICAL

- +Pipe dimensions are in mm.
- +Cold water device pipes steel, with class B to B.S 1587.
- +Draining pipe above ground shall uppe grey while those below ground shall be uppe golden brown.
- +All underground foul and waste drain pipes shall be uppe to comply.
- +All inspection chambers covers and flanking shall be cast iron to comply with BS497 TABLE 2 GRADE A.
- +The storm water pipe to comply with BS 556.
- +Minimum slope in the drain to be 1%.
- +All testing of pipes must be completed before plastering.

ELECTRICAL

- +All conduits must be laid before plastering.
- +General conditions of contract for sub contract works.
- +Government electrical specification number 1.
- +Government electrical specification number 2.
- +Electrical act and rules made there under.
- +The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
- +Kenya power and lighting Co. Ltd.

FIRE

- +Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
- +Provide underground water tank with automatic electric booster pump for ring main
- +Provide automatic push button fire alarm system
- +Provide heat and smoke detectors in each room
- +Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
syp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: PLOT L.R. NO. 209/15372,

Location: PROJECT SOUTH C, NAIROBI.

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

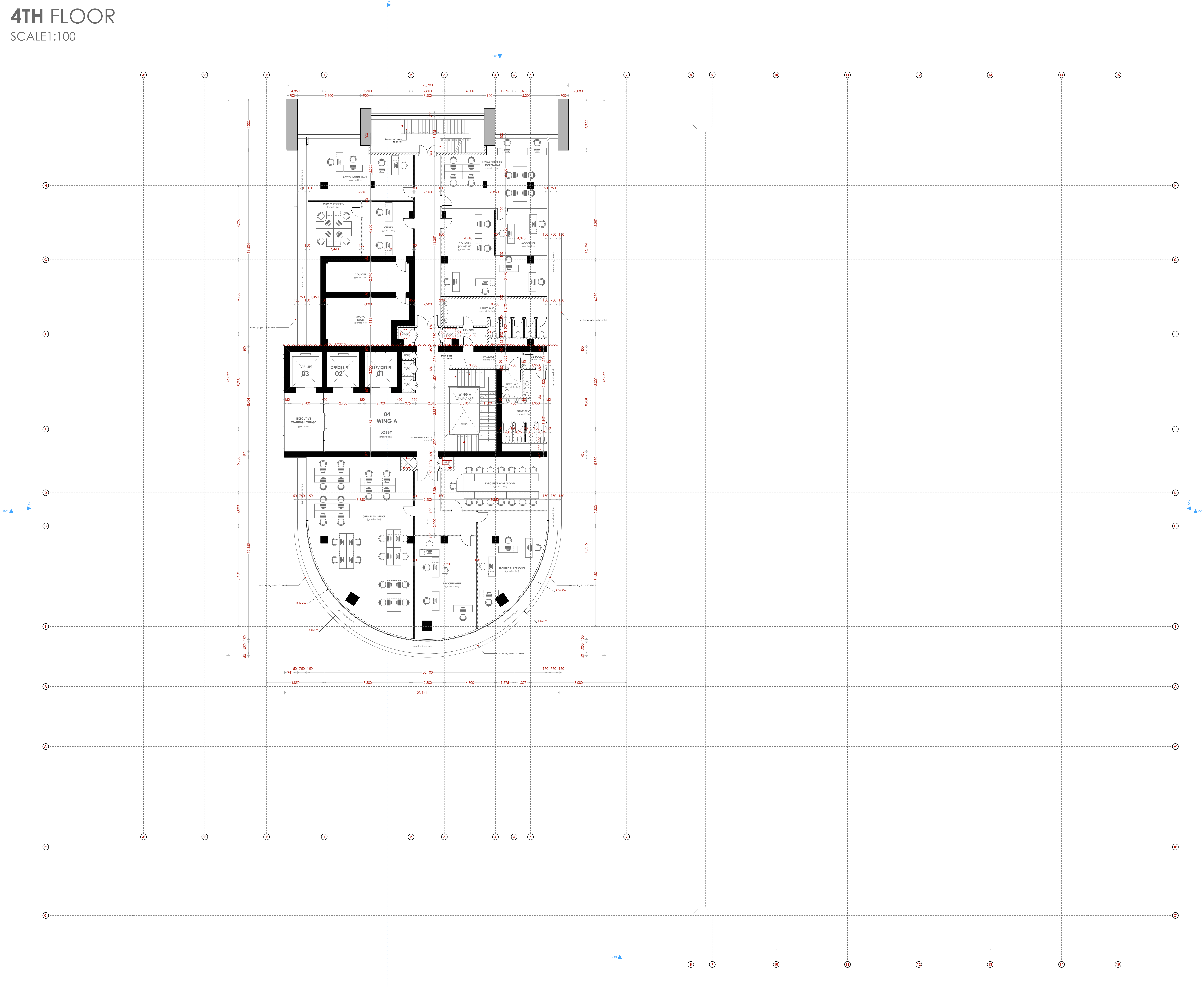
[working drawings]

Consultants:
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Drawn by: -	Designed by: -	Checked by: -
C. Ngere B. Arch. (Hons) MAAK (A)	F. Tundell B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1552)	J. Mwangi B. Arch. (Hons), M. Arch. B.Tech., Reg. Arch. MAAK (A) Architect (reg. No. A1123)

Date:	Job No. :
14/06/2022	2021/Jan/UVUYI HOUSE
Scale: 1:100 unless shown otherwise	Drawing No.:

4TH FLOOR
SCALE 1:100



NOTES

- GENERAL**
- *All dimensions are shown in mm unless otherwise specified.
 - *Drawings are not to be scaled. Only figured dimensions to be used.
 - *The contractor must check and verify all dimensions on site before commencement of any work.
- CONSTRUCTION**
- *Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
 - *All slab at grade to be poured on 1000/gauge polythene 50mm stone dust blinding on compacted hardcore.
 - *All soils under slab and around external foundation to be treated for termite control.
 - *Window sills must be finished before internal plastering.
- CIVIL WORKS**
- *All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub-contractor.
 - *Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
 - *All levels for sewer and road works must be approved by the engineer before work commences.
- STRUCTURAL**
- *This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
 - *Concrete to be class 20/20 (1:2:4).
 - *Steel reinforcement bar to be "YT" = high tensile steel to BS 4461.
 - *"R" = Round mild steel to BS 449.
 - *All timber to be sawn cypress G.S grade to KS 02-771/1989 and seasoned to equilibrium moisture content between 9% and 15%.
 - *All timber to preservative treated in accordance with KS 02-914/1982.
 - *Depth of the foundation to be determined on site to S.E.'s approval.
- MECHANICAL**
- *Pipe dimensions are in mm.
 - *Cold water device pipes steel, with class B to BS 1387.
 - *Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
 - *All underground foul and waste drain pipes shall be upvc to comply.
 - *All inspection chambers covers and flanking shall be cast iron to comply with BS497 TABLE 2 GRADE A.
 - *The storm water pipe to comply with BS 556.
 - *Minimum slope in the drain to be 1%.
 - *All testing of pipes must be completed before plastering.
- ELECTRICAL**
- *All conduits must be laid before plastering.
 - *General conditions of contract for sub contract works.
 - *Government electrical specification number 1.
 - *Government electrical specification number 2.
 - *Electrical act and rules made there under.
 - *The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
 - *Kenya power and lighting Co. Ltd.
- FIRE**
- *Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
 - *Provide underground water tank with automatic electric booster pump for ring main
 - *Provide automatic push button fire alarm system
 - *Provide heat and smoke detectors in each room
 - *Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
syp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: **PLOT L.R. NO. 209/15372,**

Location: **PROJECT SOUTH C, NAIROBI.**

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

Consultants:
ARPRIM CONSULTANTS
P. O. Box: 12969 – 00400
Nairobi
Tel: 020-884312/8
E-mail: www.arprimconsultants.com

Drawn by: -	Designed by: -	Checked by: -
C. Ngere B. Arch. (Hons) MAAK (A)	F. Tundell B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1552)	J. Momanyi B. Arch. (Hons), M. Arch. B. Tech., Reg. Arch. MAAK (A) Architect (reg. No. A1152)

Date: 14/06/2022 Job No.: 2021/Jan/UVUYI HOUSE

Scale: 1:100 unless shown otherwise Drawing No.:

SCALE1:100



GENERAL

GENERAL

- +All dimensions are shown in mm unless otherwise specified.
- +Drawings are not to be scaled. Only figured dimensions to be used
- +The contractor must check and verify all dimensions on site before commencement of any work.

CONSTRUCTION

- + Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
- + All slab at grade to be poured on 1000gauge polythene on 50mm stone dust blinding on compacted hardcore.
- + All soils under slab and around external foundation to be treated for termite control.
- + Window sills must be finished before internal plastering.

CIVIL WORKS

- +All soil under slabs and all around external foundations to be treated with anti- termite pesticide AND should be executed by licyensed and duly registered sub contractor.
- +Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
- +All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL

- * This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
- + Concrete to be class 20/20 (1:2:4).
- * Steel reinforcement bar to be "Y" = high tensile steel to B.S 4461.
"R" = Round mild steel to B.S 4449
- + All timber to be sawn cypress G grade to KS 02 - 771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
- + All timber to preservative treated in accordance with KS 02 914:1982.
- + Depth of the foundation to be determined on site to S.E.'s approval.

MECHANICAL

- + Pipe dimensions are in mm.
- + Cold water device pipes steel, with class B to B.S 1387.
- + Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
- + All underground foul and waste drain pipes shall be upvc to comply.
- + All inspection chambers covers and framing shall be cast iron to comply with BS4974

TABLE 2 GRADE A.

- + The storm water pipe to comply with BS 556.
- + Minimum slope in the drain to be 1%.
- + All testing of pipes must be completed before plastering.

ELECTRICAL

- +All conduits must be laid before plastering.
- +General conditions of contract for sub contract works.
- +Government electrical specification number 1.
- +Government electrical specification number 2.
- +Electrical act and rules made there under.
- +The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
- +Kenya power and lighting Co. Ltd.

FIRE

- + Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
- + Provide underground water tank with automatic electric booster pump for ring main
- + Provide automatic push button fire alarm system
- + Provide heat and smoke detectors in each room
- + Provide 9kg. dry powder fire extinguishers to ME specifications

No	REVISIONS	DATE	SIGNATURE

Project:
**PROPOSED KENYA MARINE FISHERIES AND
SOCIO-ECONOMIC DEVELOPMENT
(KEMFSED)**

Plot: **PLOT L.R. NO. 209/15372,**

Location: PROJECT SOUTH C, NAIROBI.

Client:

**STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE ECONOMY**

Signature

Subject

[working drawings]

Consultants:

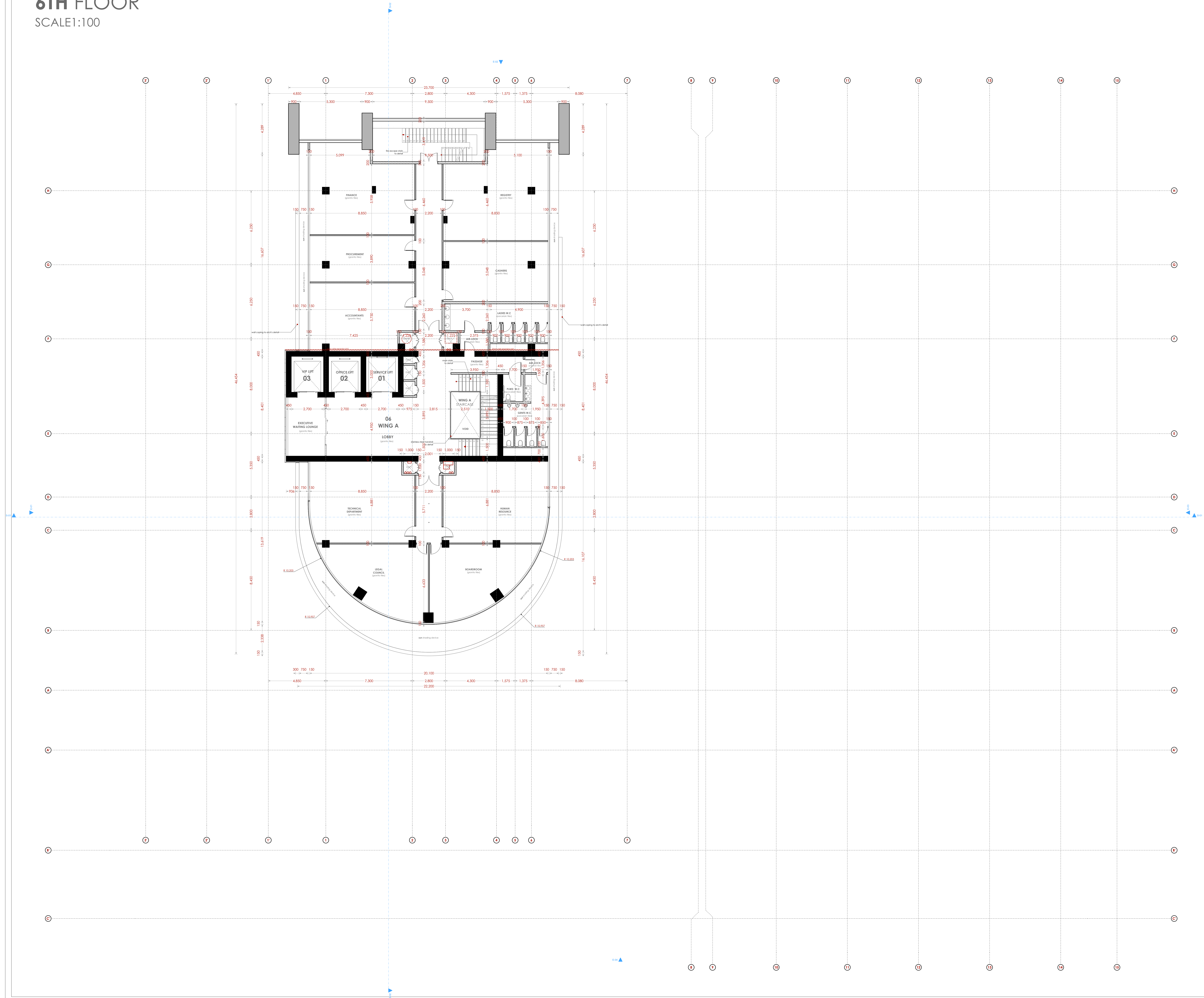
ARPRIM CONSULTANTS
P. O. Box 12969 - 00400
Nairobi
Tel: 020-884312/8
E-mail: www.arprimconsultants.com

Drawn by: - C. Ngare B. Arch. (Hons) MAAK (A)	Designed by: - F. Tunduli B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1552)	Checked by: - J. Momanyi B. Arch. (Hons), M. Arch. B.Tech., Reg. Arch. MAAK (A) Architect (reg. No. A1122)
---	--	---

Date: 14/06/2022	Job No. : 2021/Jan/UVUVI HOUSE
-------------------------	---------------------------------------

Scale: 1:100 unless shown otherwise

6TH FLOOR
SCALE 1:100



NOTES

GENERAL

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CONSTRUCTION

- +Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
- +All slab at grade to be poured on 1000/gauge polythene 50mm stone dust binding on compacted hardcore.
- +All soils under slab and around external foundation to be treated for termite control.
- +Window sills must be finished before internal plastering.

CIVIL WORKS

- +All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub-contractor.
- +Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
- +All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL

- +This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
- +Concrete to be class 20/20 (1:2:4).
- +Steel reinforcement bar to be "V" = high tensile steel to B.S 4461.
- + "R" = Round mild steel to B.S 4469.
- +All timber to be sawn cypress G.S grade to KS 02-771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
- +All timber to preservative treated in accordance with KS 02-914:1982.
- +Depth of the foundation to be determined on site to S.E's approval.

MECHANICAL

- +Pipe dimensions are in mm.
- +Cold water device pipes steel, with class B to B.S 1587.
- +Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
- +All underground foul and waste drain pipes shall be upvc to comply.
- +All inspection chambers covers and flanking shall be cast iron to comply with BS497 TABLE 2 GRADE A.
- +The storm water pipe to comply with BS 556.
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- +All testing of pipes must be completed before plastering.

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- +Kenya power and lighting Co. Ltd.

FIRE

- +Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
- +Provide underground water tank with automatic electric booster pump for ring main
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- +Provide heat and smoke detectors in each room
- +Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
syp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: **PLOT L.R. NO. 209/15372,**

Location: **PROJECT SOUTH C, NAIROBI.**

Client:
**STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE ECONOMY**

Signature

Subject:

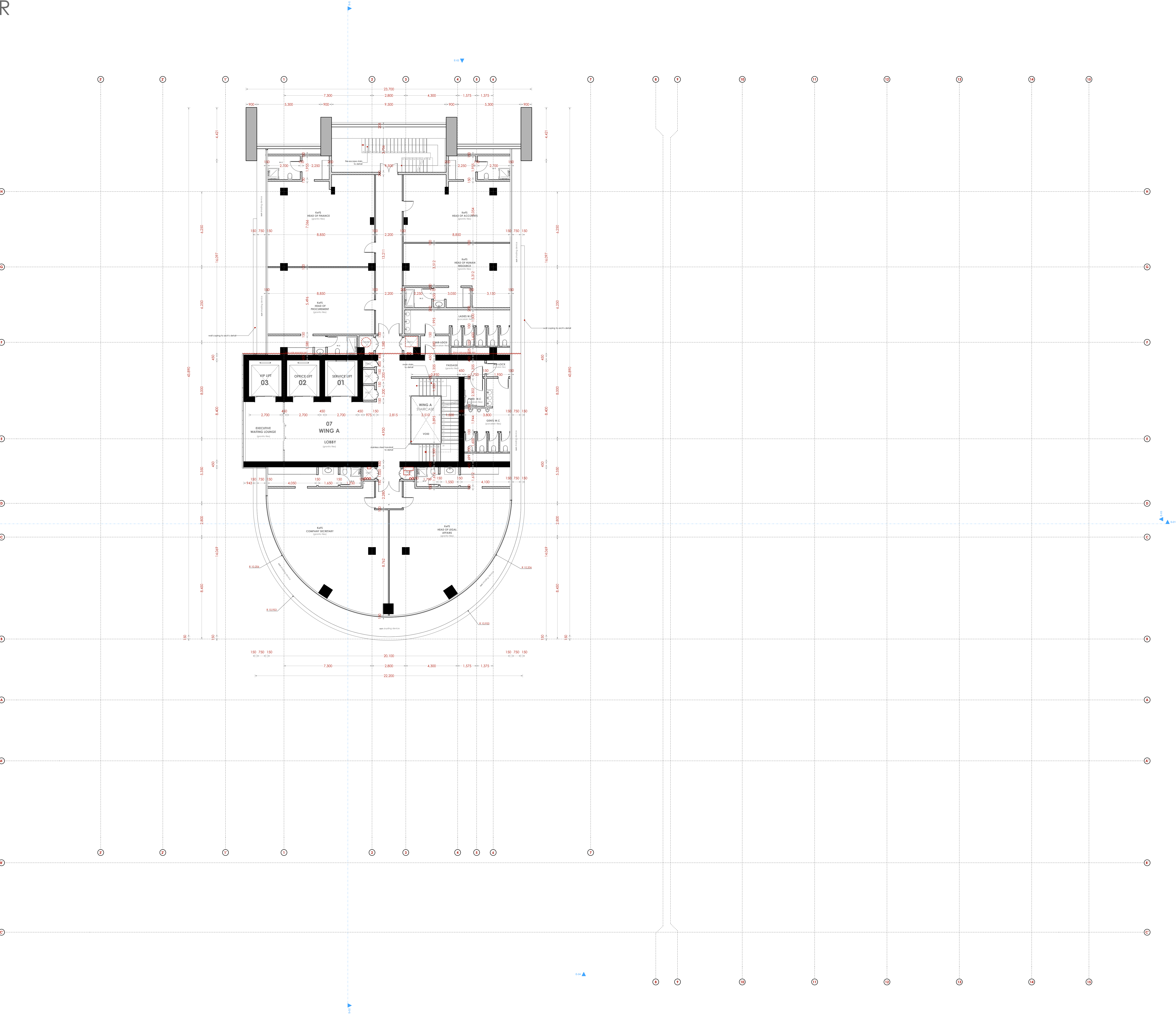
[working drawings]

Consultants:
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C. Ngere B. Arch. (Hons) MAAK (A)	F. Tundell B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1552)	J. Momanyi B. Arch. (Hons), M. Arch. B.Tech., Reg. Arch. MAAK (A) Architect (reg. No. A1122)

Date: 14/06/2022 Job No.:2021/Jan/UVUYI HOUSE

Scale: 1:100 unless shown otherwise Drawing No.:



NOTES

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- CONSTRUCTION**
- +Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
 - +All slab at grade to be poured on 1000gauge polythene 50mm stone dust binding on compacted hardcore.
 - +All soils under slab and around external foundation to be treated for termite control.
 - +Window sills must be finished before internal plastering.
- CIVIL WORKS**
- +All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub-contractor.
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- FIRE**
- +Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
 - +Provide underground water tank with automatic electric booster pump for ring main
 - +Provide automatic push button fire alarm system
 - +Provide heat and smoke detectors in each room
 - +Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
syp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
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dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: **PLOT L.R. NO. 209/15372,**

Location: **PROJECT SOUTH C, NAIROBI.**

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

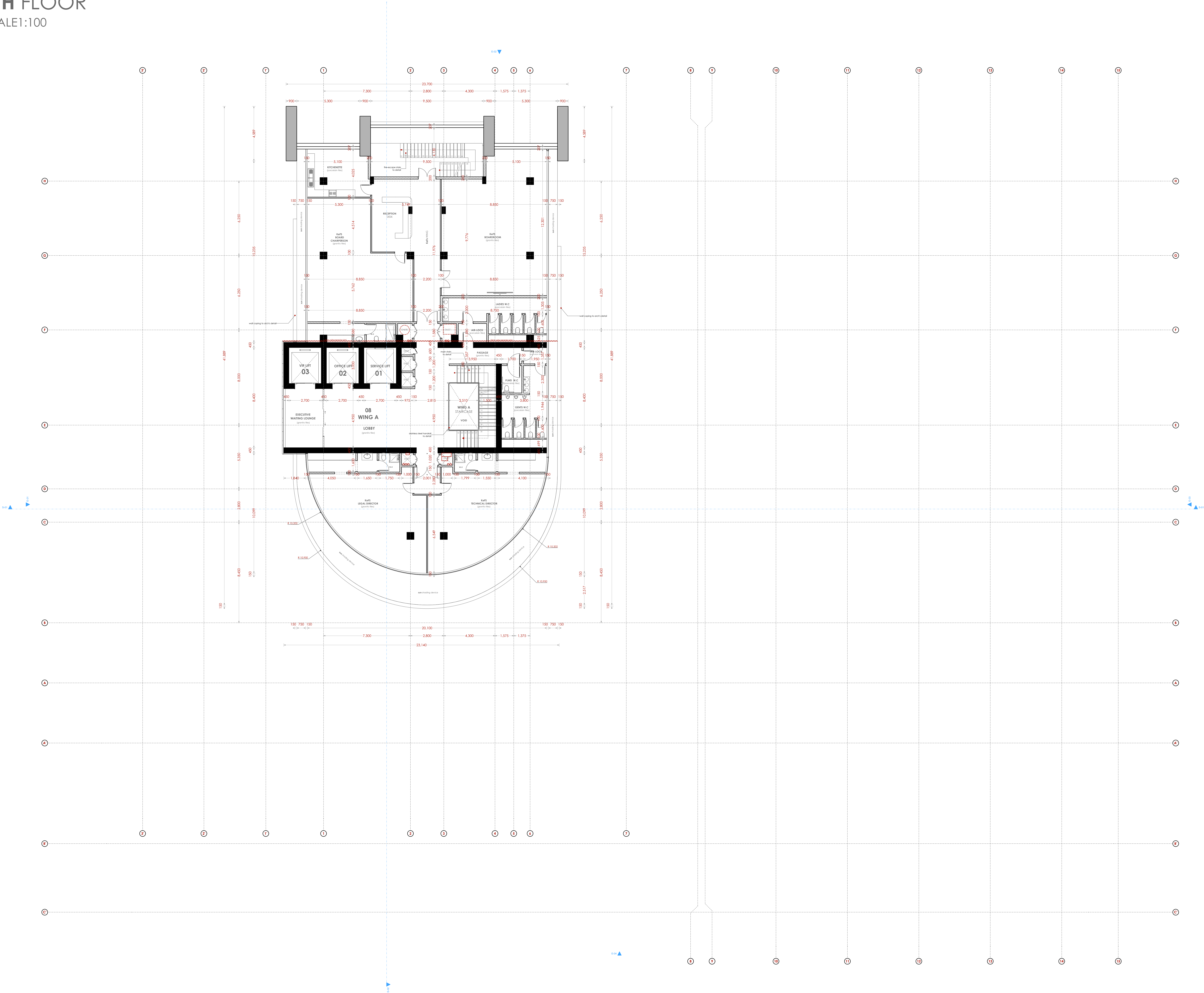
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Date: 14/06/2022 Job No. :2021/Jan/UVUYI HOUSE

Scale: 1:100 unless shown otherwise Drawing No.:

8TH FLOOR
SCALE 1:100



NOTES

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 - +Provide underground water tank with automatic electric booster pump for ring main
 - +Provide automatic push button fire alarm system
 - +Provide heat and smoke detectors in each room
 - +Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
syp	soil vent pipe
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ic	inspection chamber
rec	reinforced cement concrete
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whb	wash hand basin
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shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: **PLOT L.R. NO. 209/15372,**

Location: **PROJECT SOUTH C, NAIROBI.**

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

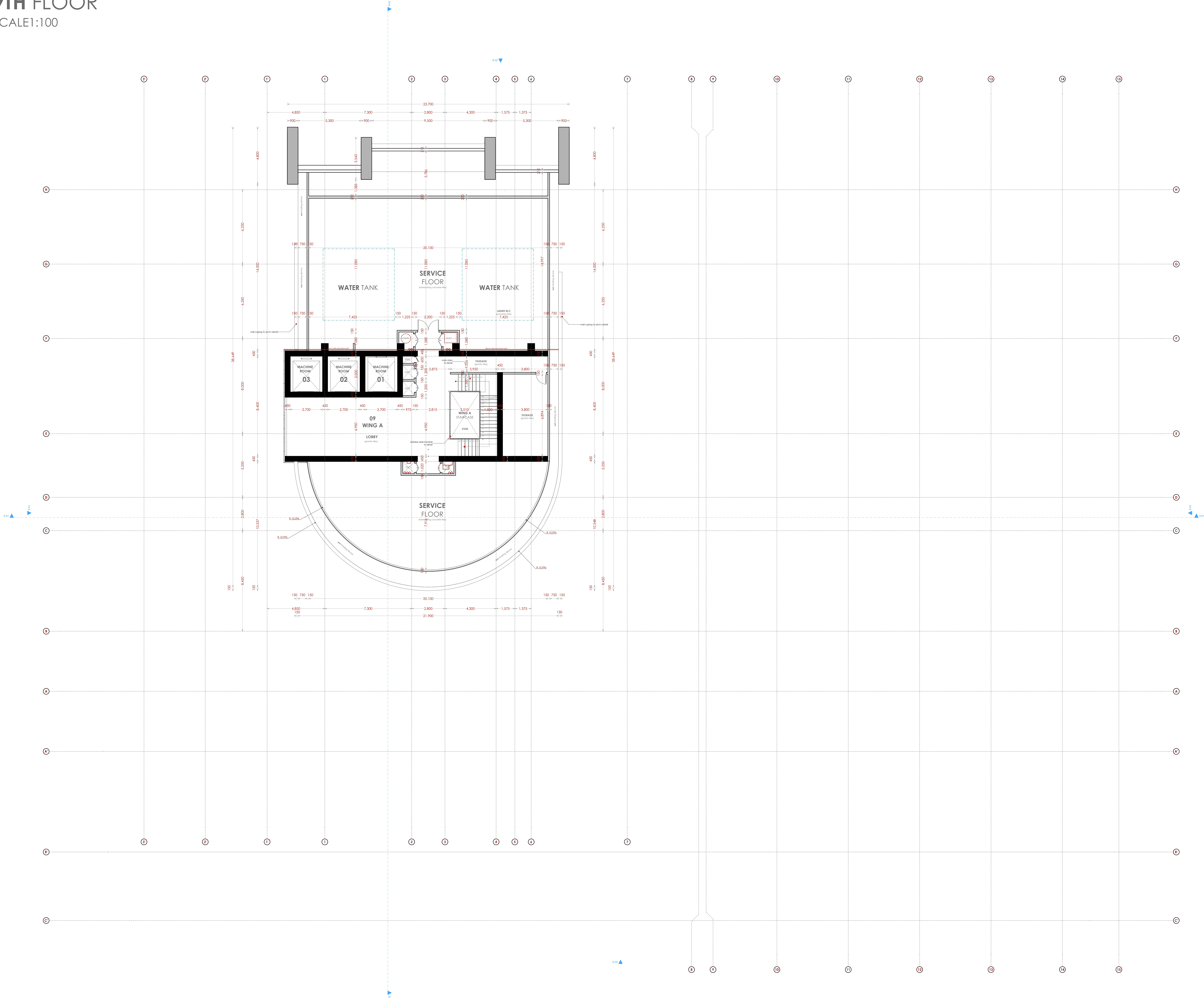
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Date: 14/06/2022 Job No. :2021/Jan/UVUYI HOUSE

Scale: 1:100 unless shown otherwise Drawing No.:



NOTES

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- MECHANICAL**
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- FIRE**
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 - +Provide underground water tank with automatic electric booster pump for ring main
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 - +Provide heat and smoke detectors in each room
 - +Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
syp	soil vent pipe
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ic	inspection chamber
rec	reinforced cement concrete
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whb	wash hand basin
wc	water closet
shw	shower
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dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: **PLOT L.R. NO. 209/15372,**

Location: **PROJECT SOUTH C, NAIROBI.**

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

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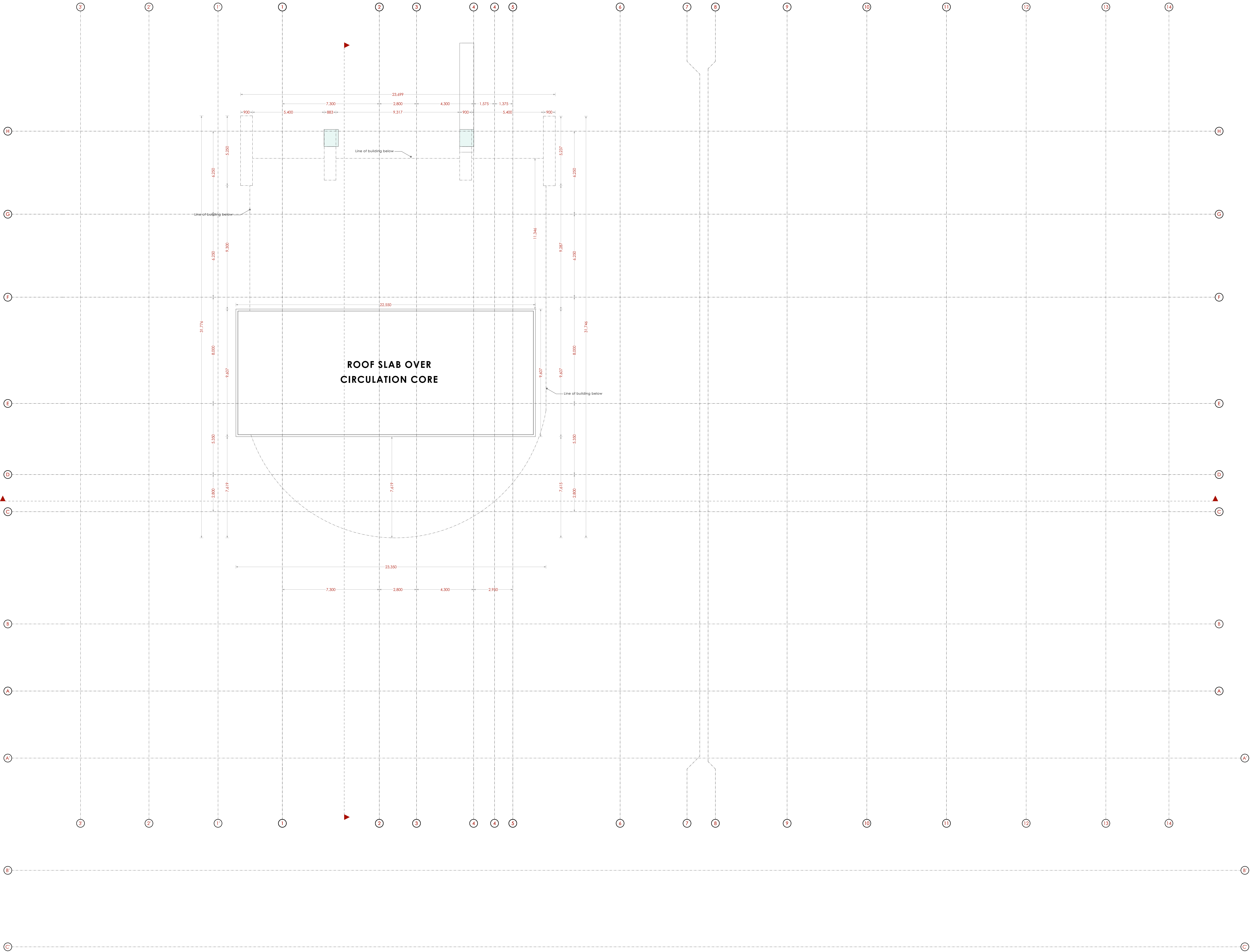
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Date: 14/06/2022 Job No. :2021/Jan/UVUYI HOUSE

Scale: 1:100 unless shown otherwise Drawing No.:

ROOF

SCALE1:100



NOTES

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CONSTRUCTION

- +Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
- +All slab at grade to be poured on 1000gauge polytheneon 50mm stone dust blinding on compacted hardcore.
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CIVIL WORKS

- +All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed bylicensed and duly registered sub contractor.
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MECHANICAL

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No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: **PLOT L.R. NO. 209/15372,**

Location: **PROJECT SOUTH C, NAIROBI.**

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

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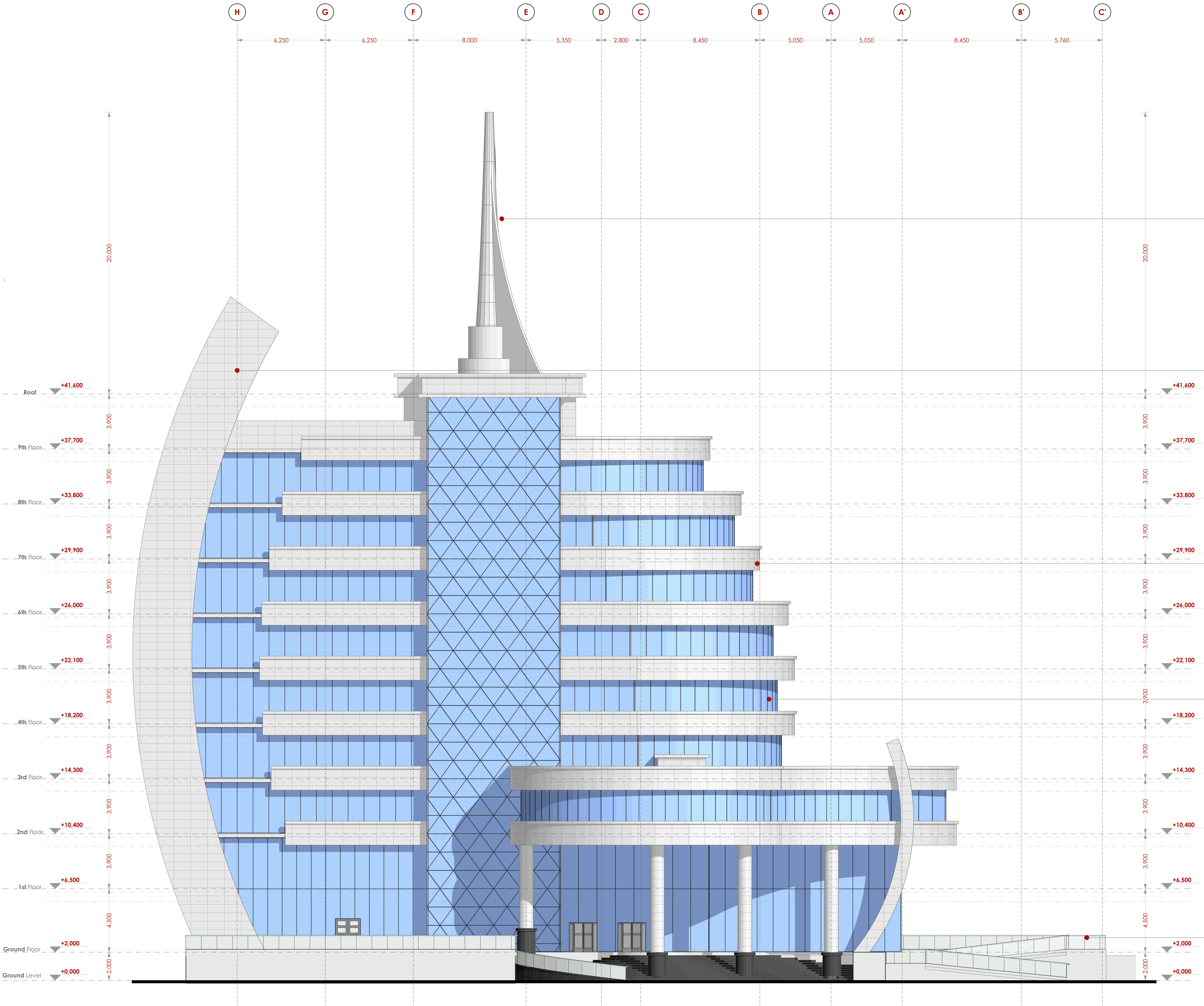
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Date: 14/06/2022 Job No.:2021/Jan/UVUVI HOUSE

Scale: 1:100 unless shown otherwise. Drawing No.:

ELEVATION 01

SCALE 1:100



MILD STEEL MAST
Sealant: approved weatherseal paint
Structure: steel girders to S.E. detail

ALUCOBOND CLADDING ON RIGID STEEL FRAME
see Architect's detail
Alucobond composite panel:
Nano self-cleansing aluminium composite panel comprised of normal PE core, aluminium pane, primer paint, PVDF paint and finished in Nanometer paint. Panel to be 6mm thick with aluminium thickness of at least 0.5mm.
Sealant:
Approved weatherseal silicon sealant.

FACADE ELEMENTS:
see Architect's detail
Alucobond composite panel:
Nano self-cleansing aluminium composite panel comprised of normal PE core, aluminium pane, primer paint, PVDF paint and finished in Nanometer paint. Panel to be 6mm thick with aluminium thickness of at least 0.5mm.
Sealant:
Approved weatherseal silicon sealant

CURTAIN WALL
Frameless glass curtain wall to Architect's detail:
main frame: 150x75x3mm thick powder-coated aluminium sections
mullions: 100x60x3mm thick powder-coated aluminium sections
Curtain glazing:
butt glazed, 10mm thick laminated glass comprising of 5mm thick self-cleansing as SGG Bioclean from saint-GoBain plus 5mm thick solar control glass-colour to approved sample
Sealant:
Approved black anti-bacterial silicon sealant

RAILINGS
900mm high stainless steel railing with 10mm thick butt-jointed tempered glass panels and 65mm dia. stainless steel tube, mounted on 300mm upstand beam to arch's approval.

NOTES

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CONSTRUCTION
+Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
+All slab at grade to be poured on 1000/gauge polythene on 50mm stone dust blinding on compacted hardcore.
+All soils under slabs and around external foundation to be treated for termite control.
+Window sills must be finished before internal plastering.

CIVIL WORKS
+All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub-contractor.
+Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
+All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL
+This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
+Concrete to be class 20/20 (1:2:4).
+Steel reinforcement bar to be "Y" = high tensile steel to B.S 4461.
+ "R" = Round mild steel to B.S 449.
+All timber to be sawn cypress G.S grade to KS 02-771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
+All timber to preservative treated in accordance with KS 02-914:1982.
+Depth of the foundation to be determined on site to S.E.'s approval.

MECHANICAL
+Pipe dimensions are in mm.
+Cold water device pipes steel, with class B to B.S 1587.
+Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
+All underground foul and waste drain pipes shall be upvc to comply.
+All inspection chambers covers and framing shall be cast iron to comply with BS497 TABLE 2 GRADE A.
+The storm water pipe to comply with BS 556.
+Minimum slope in the drain to be 1%.
+All testing of pipes must be completed before plastering.

ELECTRICAL
+All conduits must be laid before plastering.
+General conditions of contract for sub contract works.
+Government electrical specification number 1.
+Government electrical specification number 2.
+Electrical act and rules made there under.
+The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
+Kenya power and lighting Co. Ltd.

FIRE
+Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
+Provide underground water tank with automatic electric booster pump for ring main
+Provide automatic push button fire alarm system
+Provide heat and smoke detectors in each room
+Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
svp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: PLOT L.R. NO. 209/15372,

Location: PROJECT SOUTH C, NAIROBI.

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

Consultants:
ARPRIM CONSULTANTS
P. O. Box: 12969 - 00400
Nairobi
Tel: 020-884312/8
E-mail: www.arprimconsultants.com

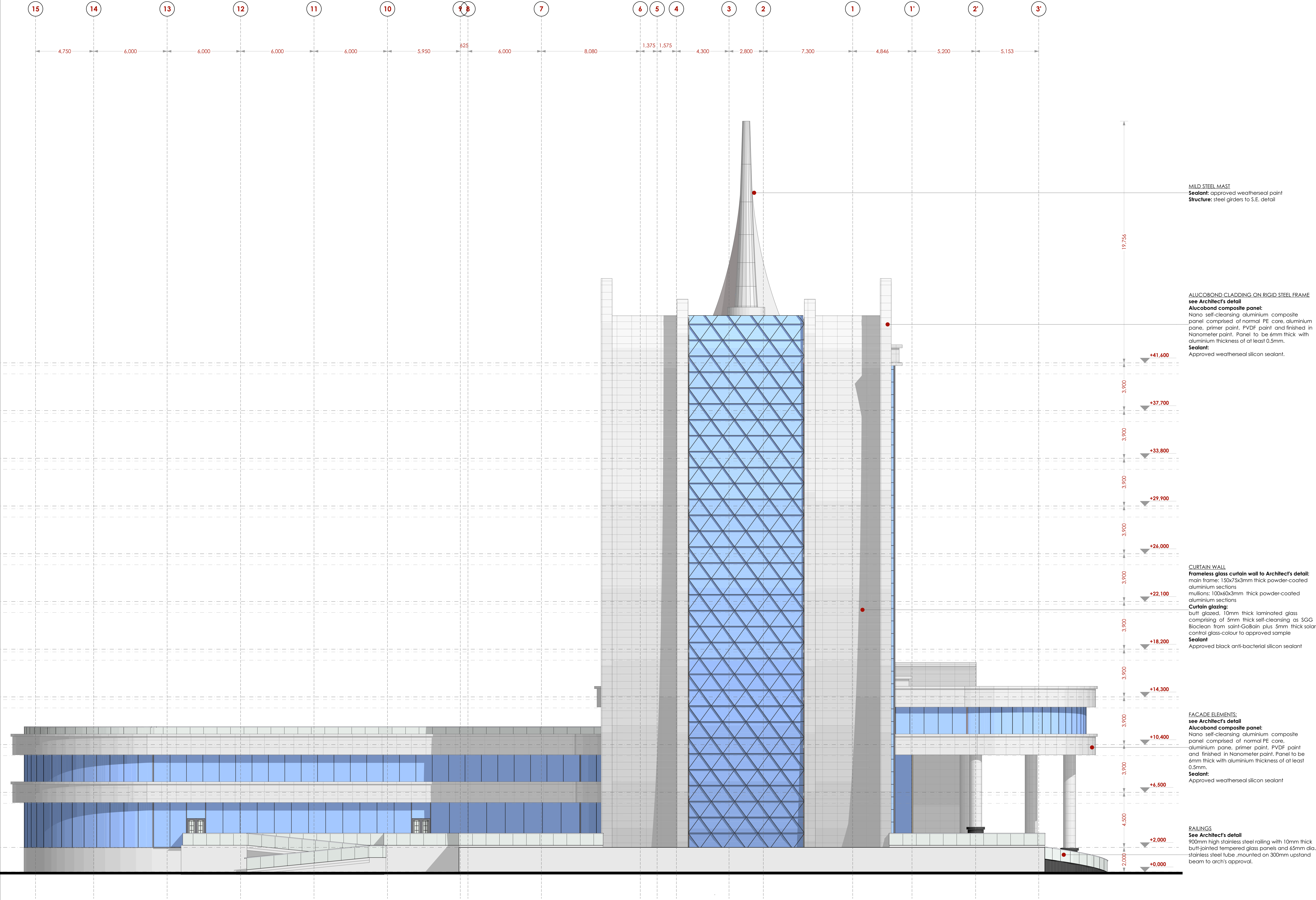
Drawn by: -	Designed by: -	Checked by: -
C. Ngere B. Arch. (Hons) MAAK (A)	F. Tundell B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1552)	J. Mwangi B. Arch. (Hons), M. Arch. B.Tech., Reg. Arch. MAAK (A) Architect (reg. No. A1123)

Date: 14/06/2022 **Job No. :**2021/Jan/UVUYI HOUSE

Scale: 1:100 unless shown otherwise **Drawing No.:**

ELEVATION 02

SCALE 1:100



NOTES

GENERAL

+All dimensions are shown in mm unless otherwise specified.

+Drawings are not to be scaled. Only figured dimensions to be used.

+The contractor must check and verify all dimensions on site before commencement of any work.

CONSTRUCTION

+Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.

+All slab at grade to be poured on 1000gauge polytheneon 50mm stone dust blinding on compacted hardcore.

+All soils under slabs and around external foundation to be treated for termite control.

+Window sills must be finished before internal plastering.

CIVIL WORKS

+All soil under slabs and all around external foundations to be treated with anti- termite pesticide AND should be executed by licensed and duly registered sub-contractor.

+Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.

+All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL

+This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.

+Concrete to be class 20/20 (1:2:4).

+Steel reinforcement bar to be "V" = high tensile steel to B.S 4461.

+ "R" = Round mild steel to B.S 449.

+All timber to be sawn cypress G.S grade to KS 02- 771/1989 and seasoned to equilibrium moisture content between 9% and 15%.

+All timber to preservative treated in accordance with KS 02- 914/1982.

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

MECHANICAL

+Pipe dimensions are in mm.

+Cold water device pipes steel, with class B to B.S 1587.

+Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.

+All underground foul and waste drain pipes shall be upvc to comply.

+All inspection chambers covers and framing shall be cast iron to comply with BS497 TABLE 2 GRADE A.

+The storm water pipe to comply with BS 556.

+Minimum slope in the drain to be 1%.

+All testing of pipes must be completed before plastering.

ELECTRICAL

+All conduits must be laid before plastering.

+General conditions of contract for sub contract works.

+Government electrical specification number 1.

+Government electrical specification number 2.

+Electrical act and rules made there under.

+The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.

+Kenya power and lighting Co. Ltd.

FIRE

+ Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors

+ Provide underground water tank with automatic electric booster pump for ring main

+ Provide automatic push button fire alarm system

+ Provide heat and smoke detectors in each room

+ Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
svp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

Project:

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: PLOT L.R. NO. 209/15372,

Location: PROJECT SOUTH C, NAIROBI.

Client:

STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

Consultants:

ARPRIM CONSULTANTS

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Tel: 020-884312/8

E-mail: www.arprimconsultants.com

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Date: 14/06/2022

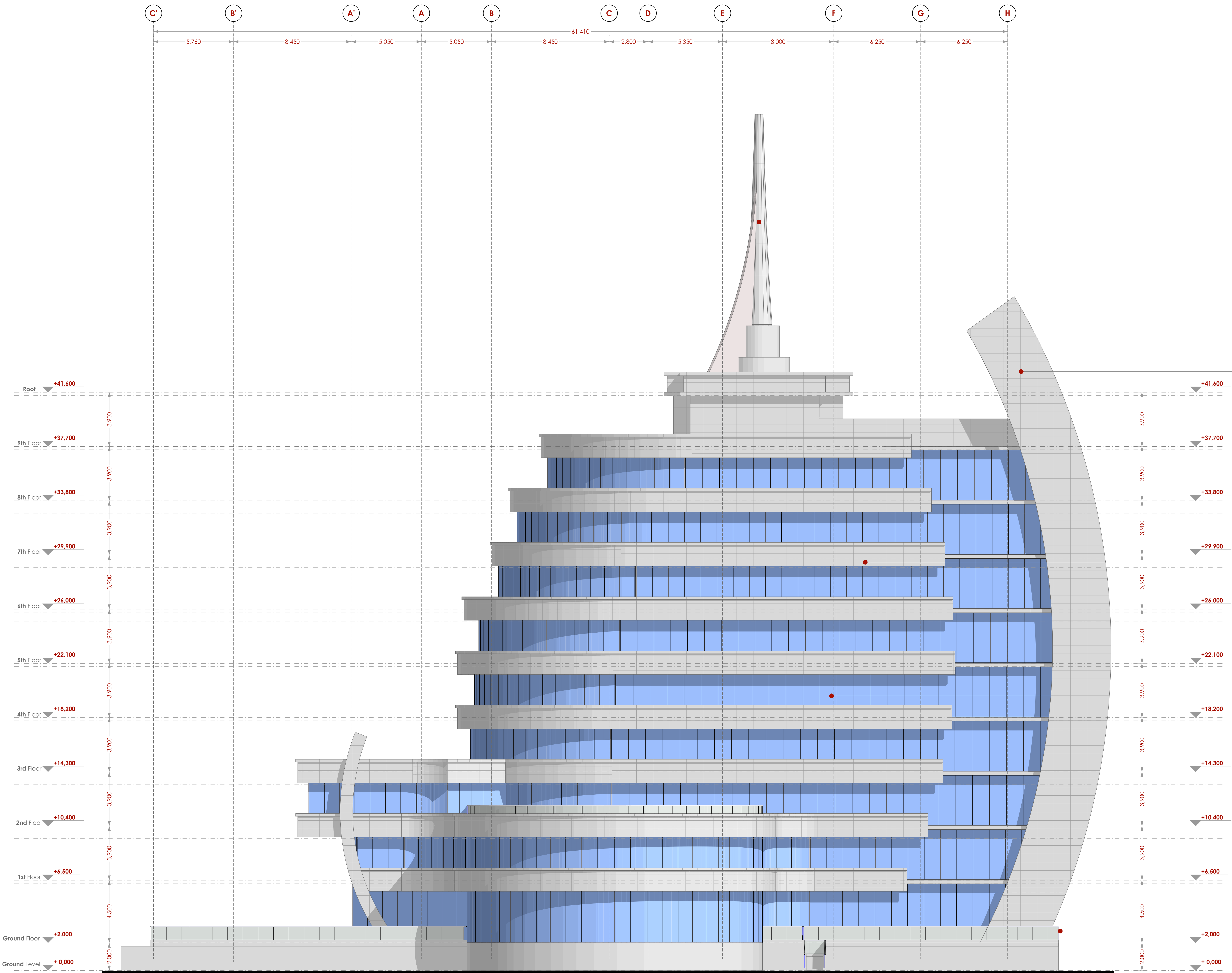
Scale: 1:100 unless shown otherwise

Job No. :2021/Jan/UVUYI HOUSE

Drawing No.:

ELEVATION 03

SCALE 1:100



MILD STEEL MAST
Sealant: approved weatherseal paint
Structure: steel girders to S.E. detail

ALUCOBOND CLADDING ON RIGID STEEL FRAME
see Architect's detail
Alucobond composite panel:
Nano self-cleansing aluminium composite panel comprised of normal PE core, aluminium pane, primer paint, PVDF paint and finished in Nanometer point. Panel to be 6mm thick with aluminium thickness of at least 0.5mm.
Sealant:
Approved weatherseal silicon sealant.

FACADE ELEMENTS:
see Architect's detail
Alucobond composite panel:
Nano self-cleansing aluminium composite panel comprised of normal PE core, aluminium pane, primer paint, PVDF paint and finished in Nanometer point. Panel to be 6mm thick with aluminium thickness of at least 0.5mm.
Sealant:
Approved weatherseal silicon sealant

CURTAIN WALL
Frameless glass curtain wall to Architect's detail:
main frame: 150x75x3mm thick powder-coated aluminium sections
mullions: 100x60x3mm thick powder-coated aluminium sections
Curtain glazing:
butt glazed, 10mm thick laminated glass comprising of 5mm thick self-cleansing as SGG Bioclean from saint-Gobain plus 5mm thick solar control glass-colour to approved sample
Sealant:
Approved black anti-bacterial silicon sealant

RAILINGS
900mm high stainless steel railing with 10mm thick butt-jointed tempered glass panels and 65mm dia. stainless steel tube mounted on 300mm upstand beam to arch's approval.

NOTES

GENERAL
+ All dimensions are shown in mm unless otherwise specified.
+ Drawings are not to be scaled. Only figured dimensions to be used.
+ The contractor must check and verify all dimensions on site before commencement of any work.

CONSTRUCTION
+ Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
+ All slab at grade to be poured on 1000gauge polytheneon 50mm stone dust binding on compacted hardcore.
+ All soils under slab and around external foundation to be treated for termite control.
+ Window sills must be finished before internal plastering.

CIVIL WORKS
+ All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub-contractor.
+ Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
+ All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL
+ This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
+ Concrete to be class 20/20 (1:2:4).
+ Steel reinforcement bar to be "Y" = high tensile steel to B.S 4461.
+ "R" = Round mild steel to B.S 449.
+ All timber to be sawn cypress G.S grade to KS 02-771/1989 and seasoned to equilibrium moisture content between 9% and 13%.
+ All timber to preservative treated in accordance with KS 02-914/1982.
+ Depth of the foundation to be determined on site to S.E.'s approval.

MECHANICAL
+ Pipe dimensions are in mm.
+ Cold water device pipes steel, with class B to B.S 1587.
+ Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
+ All underground foul and waste drain pipes shall be upvc to comply.
+ All inspection chambers covers and flanking shall be cast iron to comply with BS497 TABLE 2 GRADE A.
+ The storm water pipe to comply with BS 556.
+ Minimum slope in the drain to be 1%.
+ All testing of pipes must be completed before plastering.

ELECTRICAL
+ All conduits must be laid before plastering.
+ General conditions of contract for sub contract works.
+ Government electrical specification number 1.
+ Government electrical specification number 2.
+ Electrical act and rules made there under.
+ The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
+ Kenya power and lighting Co. Ltd.

FIRE
+ Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
+ Provide underground water tank with automatic electric booster pump for ring main
+ Provide automatic push button fire alarm system
+ Provide heat and smoke detectors in each room
+ Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
svp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: PLOT L.R. NO. 209/15372,

Location: PROJECT SOUTH C, NAIROBI.

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

Consultants:
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E-mail: www.arprimconsultants.com

Drawn by: -	Designed by: -	Checked by: -
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Date:	Job No. :
14/06/2022	2021/Jan/UVUYI HOUSE

Scale:	Drawing No.:
1:100 unless shown otherwise

SCALE1:100



ALUCOBOND CLADDING ON RIGID STEEL FRAME
see Architect's detail

Alucobond composite panels
Nano self-cleansing aluminium composite panel comprised of normal PE core, aluminium pane, primer paint, PVDF paint and finished in Nanometer paint. Panel to be 6mm thick with aluminium thickness of at least 0.5mm.

FACADE ELEMENTS:
see Architect's detail

Alucobond composite panel:
Nano self-cleansing aluminium composite panel comprised of normal PE core, aluminium pane, primer paint, PVDF paint and finished in Nanometer paint. Panel to be 6mm thick with aluminium thickness of at least 0.5mm.
Sealant:
Approved weatherseal silicon sealant

Frameless glass curtain wall to Architect's detail:
main frame: 150x75x3mm thick powder-coated
aluminium sections
mullions: 100x60x3mm thick powder-coated

Curtain glazing:
 butt glazed, 10mm thick laminated glass
 comprising of 5mm thick self-cleansing as SGG
 Ioclean from saint-GoBain plus 5mm thick solar
 control glass-colour to approved sample
Sealant:
 Approved black anti-bacterial silicon sealant

ENTRANCE COLUMNS
R.C column to S.E's specs:
 600 dia. R.C column clad in aluminium composite panels as specified in specification list.
Sealant
 Approved black anti-bacterial silicon sealant

GENERAL

GENERAL

+All dimensions are shown in mm unless otherwise specified.
+Drawings are not to be scaled. Only figured dimensions to be used
+The contractor must check and verify all dimensions on site before commencement of any work.

CONSTRUCTION

- Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
- + All slab at grade to be poured on 1000gauge polythene on 50mm stone dust blinding on compacted hardcore.
- + All soils under slab and around external foundation to be treated for termite control.
- + Window sills must be finished before internal plastering.

CIVIL WORKS

- +All soil under slabs and all around external foundations to be treated with anti- termite pesticide AND should be executed by/licensed and duly registered sub contractor.
- +Sample for pipe works and other materials for road works specified to be presented to the engineer before works commences.
- +All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL

*This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
 *Concrete to be class 20/20 (1:2:4).
 *Steel reinforcement bar to be: "Y" = high tensile steel to B.S 4461.
 "R" = Round mild steel to B.S 4449
 *All timber to be sawn cypress G.S grade to KS 02-771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
 *All timber to be preservative treated in accordance with KS 02 914:1982.
 *Depth of the foundation to be determined on site to S.E.'s approval.

MECHANICAL

- Pipe dimensions are in mm.
- Cold water device pipes steel, with class B to B.S 1387.
- Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
- All underground foul and waste drain pipes shall be upvc to comply.
- All inspection chambers covers and framing shall be cast iron to comply with BS4973.

TABLE 2 GRADE A.

- The storm water pipe to comply with BS 556.
- Minimum slope in the drain to be 1%.
- All testing of pipes must be completed before plastering.

ELECTRICAL

- *All conduits must be laid before plastering.
- *General conditions of contract for sub contract works.
- *Government electrical specification number 1.
- *Government electrical specification number 2.
- *Electrical act and rules made there under.
- *The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
- *Kenya power and lighting Co. Ltd.

FIRE

- † Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
- † Provide underground water tank with automatic electric booster pump for ring main
- † Provide automatic push button fire alarm system
- † Provide heat and smoke detectors in each room
- † Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
xvp	soil vent pipe
mh	man hole
ic	inspection chamber
rcc	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course/under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project

**PROPOSED KENYA MARINE FISHERIES AND
SOCIO-ECONOMIC DEVELOPMENT
(KEMFSED)**

Plot: PLOT L.R. NO. 209/15372.

Location: PROJECT SOUTH C. NAIROBI

Client:

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject

[working drawings]

Consultants:

ARPRIM CONSULTANTS
P. O. Box 12969 - 00400
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Tel: 020-884312/8
E-mail: www.arprimconsultants.com

Drawn by: - C. Ngare B. Arch. (Hons) MAAK (A)	Designed by: - F. Tunduli B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1552)	Checked by: - J. Momanyi B. Arch. (Hons), M. Arch. B.Tech., Reg. Arch. MAAK (A) Architect (reg. No. A1122)
---	--	---

Date: 14/06/2021

Date: 14/06/2022 Job No. :2021/Jan/UYUYI HOUSE

Scale: 1:100 unless shown

Scale: 1:100 unless shown Drawing No.:

SECTION 01

SCALE 1:100

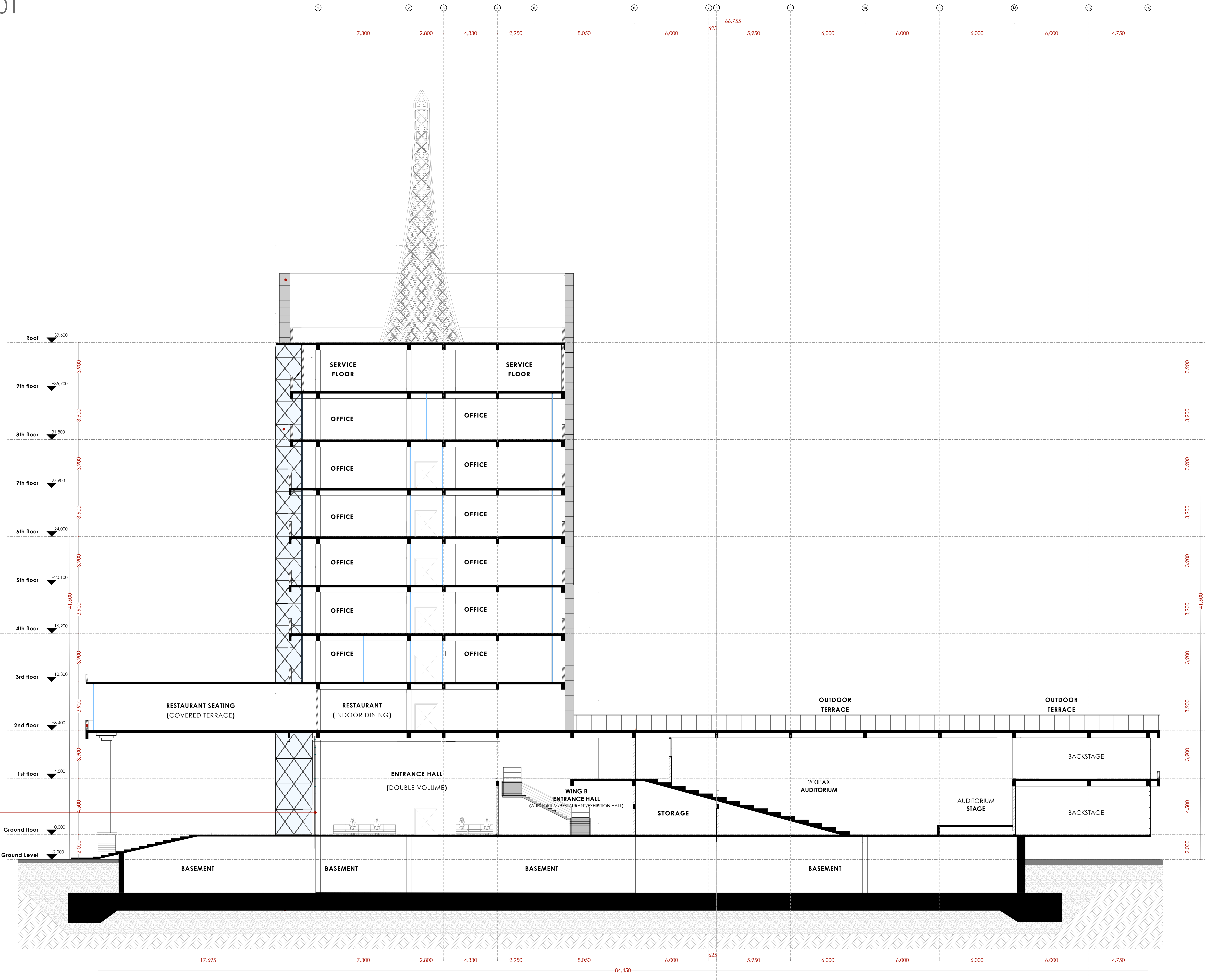
SHEAR WALLING : 900mm thick shear walling
alucobond composite panel
Nano self-cleansing aluminium composite panel comprised of normal PE core, aluminium pane, primer paint, PVDF paint and finished in Nanometer paint. Panel to be 6mm thick with aluminium thickness of at least 0.5mm.
sealant
weatherseal silicon sealant
structure
steel girders to S.E. detail

CURTAIN WALL
curtain glazing
12mm thick laminated glass comprising of 6mm thick self-cleansing as 3GG Bioclean from saint-Gobain plus 6mm thick solar control glass-colour to approved sample
sealant
weatherseal silicon sealant
frame
main frame: 150x100mm mild steel SHS
mullions: 100x60mm aluminium frame to approved sample anchored to: steel girders to S.E. detail

PARAPET WALL
masonry upstand walling, externally finished in alucobond cladding to specification, internally plastered and painted with approved silicon paints, with 50mm thick granite coping to approved color

SHOP FRONT:
2,400mm high, 12mm thick toughened frameless glass with spider bolts, with high level aluminium louvres
see detailed section of shop front

Raft foundation to S.E. Detail.



NOTES

GENERAL

- +All dimensions are shown in mm unless otherwise specified.
- +Drawings are not to be scaled. Only figured dimensions to be used.
- +The contractor must check and verify all dimensions on site before commencement of any work.

CONSTRUCTION

- +Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
- +All slab at grade to be poured on 1000gauge polytheneon 50mm stone dust blinding on compacted hardcore.
- +All soils under slab and around external foundation to be treated for termite control.
- +Window sills must be finished before internal plastering.

CIVIL WORKS

- +All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub contractor.
- +Simple for pipe works and other materials for road works specified to be presented to the engineer before works commences.
- +All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL

- +This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
- +Concrete to be class 20/20 (1:2:4).
- +Steel reinforcement bar to be: "Y" = high tensile steel to B.S 4461.
- +Steel reinforcement bar to be: "R" = Round mild steel to B.S 449.
- +All timber to be sawn cypress G.S grade to KS 02-771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
- +All timber to preservative treated in accordance with KS 02-914:1982.
- +Depth of the foundation to be determined on site to S.E's approval.

MECHANICAL

- +Pipe dimensions are in mm.
- +Cold water device pipes steel, with class B to B.S 1387.
- +Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
- +All underground foul and waste drain pipes shall be upvc to comply.
- +All inspection chambers covers and framing shall be cast iron to comply with BS497 TABLE 2 GRADE A.
- +The storm water pipe to comply with BS 556.
- +Minimum slope in the drains to be 1%.
- +All testing of pipes must be completed before plastering.

ELECTRICAL

- +All conductors must be laid before plastering.
- +General conditions of contract for sub contract works.
- +Government electrical specification number 1.
- +Government electrical specification number 2.
- +Electrical act and rules made there under.
- +The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
- +Kenya power and lighting Co. Ltd.

FIRE

- +Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
- +Provide underground water tank with automatic electric booster pump for ring main
- +Provide automatic push button fire alarm system
- +Provide heat and smoke detectors in each room
- +Provide 9kg. dry powder fire extinguishers to MEI specifications

Abbreviations	Meaning
syp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: **PLOT L.R. NO. 209/15372,**

Location: **PROJECT SOUTH C, NAIROBI.**

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

Consultants:
ARPRIM CONSULTANTS
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E-mail: www.arprimconsultants.com

Drawn by: -	Designed by: -	Checked by: -
C. Ngare B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1152)	F. Tenduli B. Arch. (Hons) MAAK (A) Reg. Architect (reg. No. A1152)	J. Mwangi B. Arch. (Hons) MAAK (A) Architect (reg. No. A1122)

Date: 14/06/2022 Job No. :2021/Jan/UVUVI HOUSE

Scale: 1:100 unless shown otherwise. Drawing No.:

SECTION 02
SCALE 1:100

MILD STEEL MAST
sealant
weatherseal Paint sealant
structure
steel girders to S.E. detail

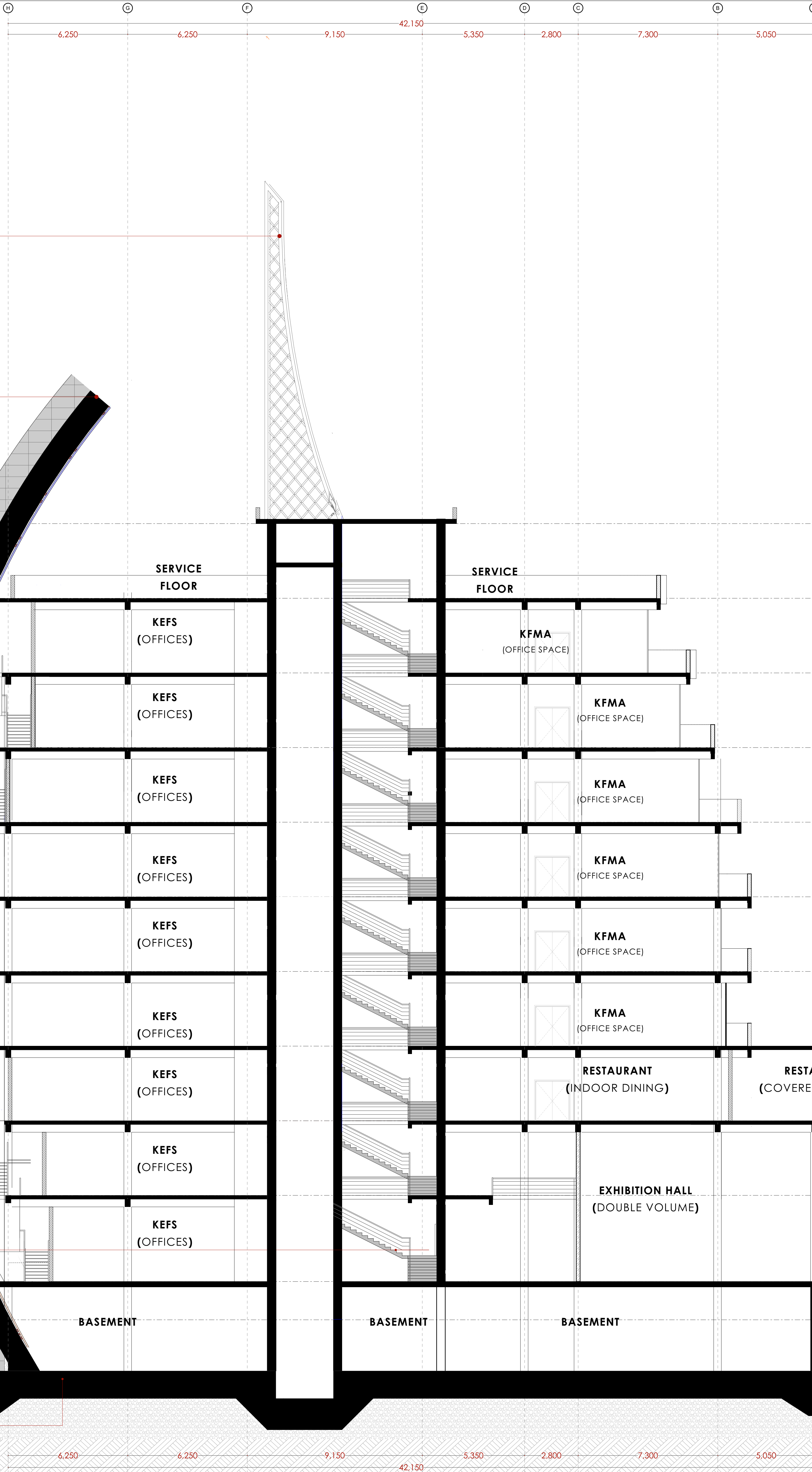
SHEAR WALLING : 900mm thick shear walling
alucobond composite panel
Nano self-cleansing aluminium composite panel comprised of normal PE core, aluminium pane, primer paint, PVDF paint and finished in Nanometer paint. Panel to be 6mm thick with aluminium thickness of at least 0.5mm.
sealant
weatherseal silicon sealant
structure
steel girders to S.E. detail

CURTAIN WALL
curtain glazing
12mm thick laminated glass comprising of 6mm thick self-cleansing as SGG BioClean from saint-Gobain plus 6mm thick solar control glass-colour to approved sample
sealant
weatherseal silicon sealant
frame
main frame: 150x100mm mild steel SHS mullions; 100x60mm aluminium frame to approved sample anchored to: steel girders to S.E. detail

SHEAR WALL
Reinforced concrete walling, externally finished in alucobond cladding to specification, internally plastered and painted with approved silicon paints, with 50mm thick granite coping to approved color.

Main access stairwell.

Raft foundation to S.E Detail.



NOTES

GENERAL

- +All dimensions are shown in mm unless otherwise specified.
- +Drawings are not to be scaled. Only figured dimensions to be used.
- +The contractor must check and verify all dimensions on site before commencement of any work.

CONSTRUCTION

- +Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
- +All slab at grade to be poured on 1000gauge polytheneon 50mm stone dust blinding on compacted hardcore.
- +All soils under slab and around external foundation to be treated for termite control.
- +Window sills must be finished before internal plastering.

CIVIL WORKS

- +All soil under slabs and all around external foundations to be treated with anti-termite pesticide AND should be executed by licensed and duly registered sub contractor.
- +Simple for pipe works and other materials for road works specified to be presented to the engineer before works commences.
- +All levels for sewer and road works must be approved by the engineer before work commences.

STRUCTURAL

- +This drawing must be read in conjunction with related architectural drawing, engineers and any other relevant drawings.
- +Concrete to be class 20/20 (1:2:4).
- +Steel reinforcement bar to be: "Y" = high tensile steel to B.S 4461.
- +Steel reinforcement bar to be: "R" = Round mild steel to B.S 449.
- +All timber to be sawn cypress G.S grade to KS 02-771:1989 and seasoned to equilibrium moisture content between 9% and 15%.
- +All timber to preservative treated in accordance with KS 02-914:1982.
- +Depth of the foundation to be determined on site to S.E's approval.

MECHANICAL

- +Pipe dimensions are in mm.
- +Cold water device pipes steel, with class B to B.S 1387.
- +Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
- +All underground foul and waste drain pipes shall be upvc to comply.
- +All inspection chambers covers and framing shall be cast iron to comply with BS497 TABLE 2 GRADE A.
- +The storm water pipe to comply with BS 556.
- +Minimum slope in the drains to be 1%.
- +All testing of pipes must be completed before plastering.

ELECTRICAL

- +All conduct must be laid before plastering.
- +General conditions of contract for sub contract works.
- +Government electrical specification number 1.
- +Government electrical specification number 2.
- +Electrical act and rules made there under.
- +The current edition of regulation for the electrical equipment of buildings issued by the institution of electrical engineers.
- +Kenya power and lighting Co. Ltd.

FIRE

- +Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
- +Provide underground water tank with automatic electric booster pump for ring main
- +Provide automatic push button fire alarm system
- +Provide heat and smoke detectors in each room
- +Provide 9kg. dry powder fire extinguishers to ME specifications

Abbreviations	Meaning
syp	soil vent pipe
mh	man hole
ic	inspection chamber
rec	reinforced cement concrete
gt	gully trap
ss sink	stain-less steel sink
whb	wash hand basin
wc	water closet
shw	shower
cc	centre to centre
st. eng/S.E.	structural engineer
dpc	damp proof course-under all grd. fl. wallings
dpm	damp proof membrane
gl	ground level
pv	permanent ventilation-on all windows & doors except on internal toilet doors.

No	REVISIONS	DATE	SIGNATURE

Project:
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED)

Plot: **PLOT L.R. NO. 209/15372,**

Location: **PROJECT SOUTH C, NAIROBI.**

Client:
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY

Signature

Subject:

[working drawings]

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Date: 14/06/2022 Job No. :2021/Jan/UVU1 HOUSE

Scale: 1:100 unless shown otherwise. Drawing No.: