

SITE PLAN



NOTES

- GENERAL**
- +All dimensions are shown in mm unless otherwise specified.
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  - +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.
  - +Samples 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 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 ME specifications

| Abbreviations | Meaning   |
|---------------|---|
| svp           | soil vent pipe  |
| mh            | man hole  |
| ic            | inspection chamber  |
| rce           | 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]

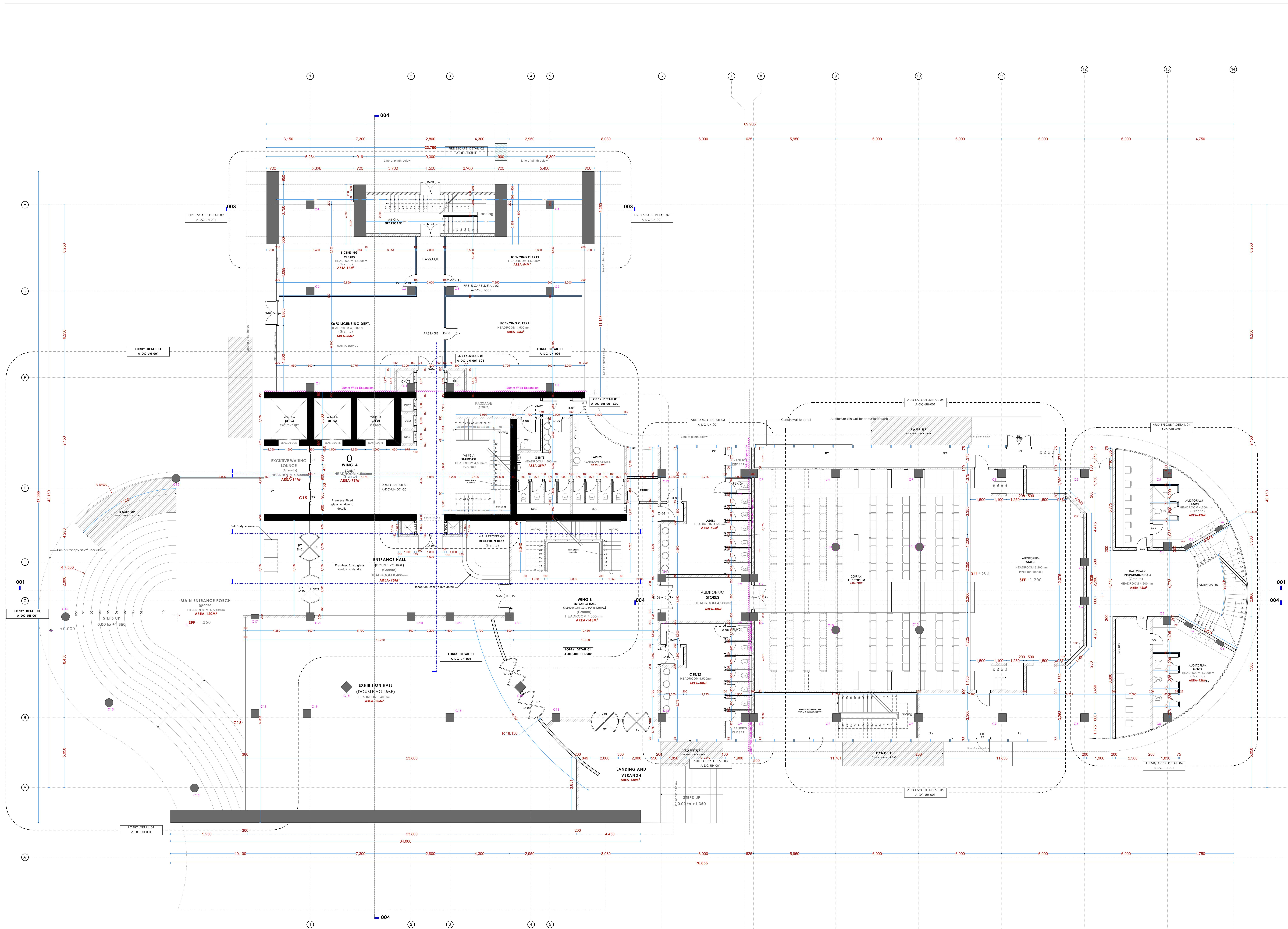
Consultants:  
**ARPRIM CONSULTANTS**  
P. O. Box 12969 - 00400  
Nairobi  
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|  |  |   |
|--|--|---|
| <b>Drawn by: -</b><br>E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | <b>Designed by: -</b><br>F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | <b>Checked by: -</b><br>J. Mwanjui<br>B. Arch. (Hons)<br>MAAK (A)<br>Architect (reg. No. A1122) |
|--|--|---|

Date: 04-Jun-21 Job No. :2021/Jan/UVUVI HOUSE

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





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- +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.F.'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 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.
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- +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.
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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

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| mh            | man hole  |
| ic            | inspection chamber  |
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| 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. |

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

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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: -  |
|---|---|--|
| E. Mutasya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Temuohi<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwangi<br>B. Arch. (Hons), M. Arch.<br>MAAK (A)<br>Architect (reg. No. A1122) |

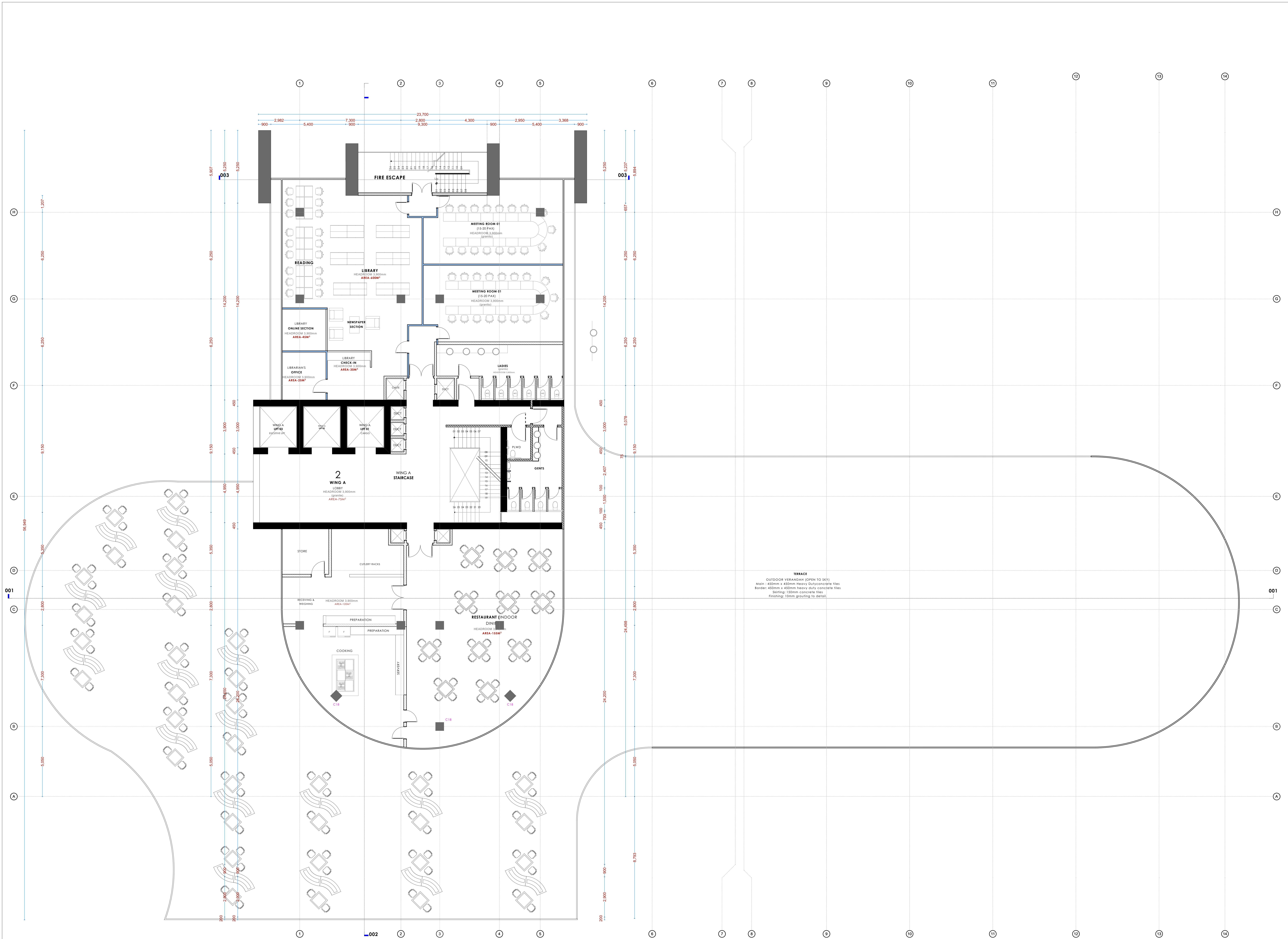
Date: 04-Jun-21 Job No. :2021/Jan/UVUVI HOUSE

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









SECOND FLOOR  
A=2,530M<sup>2</sup>

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- FIRE**
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Signature .....

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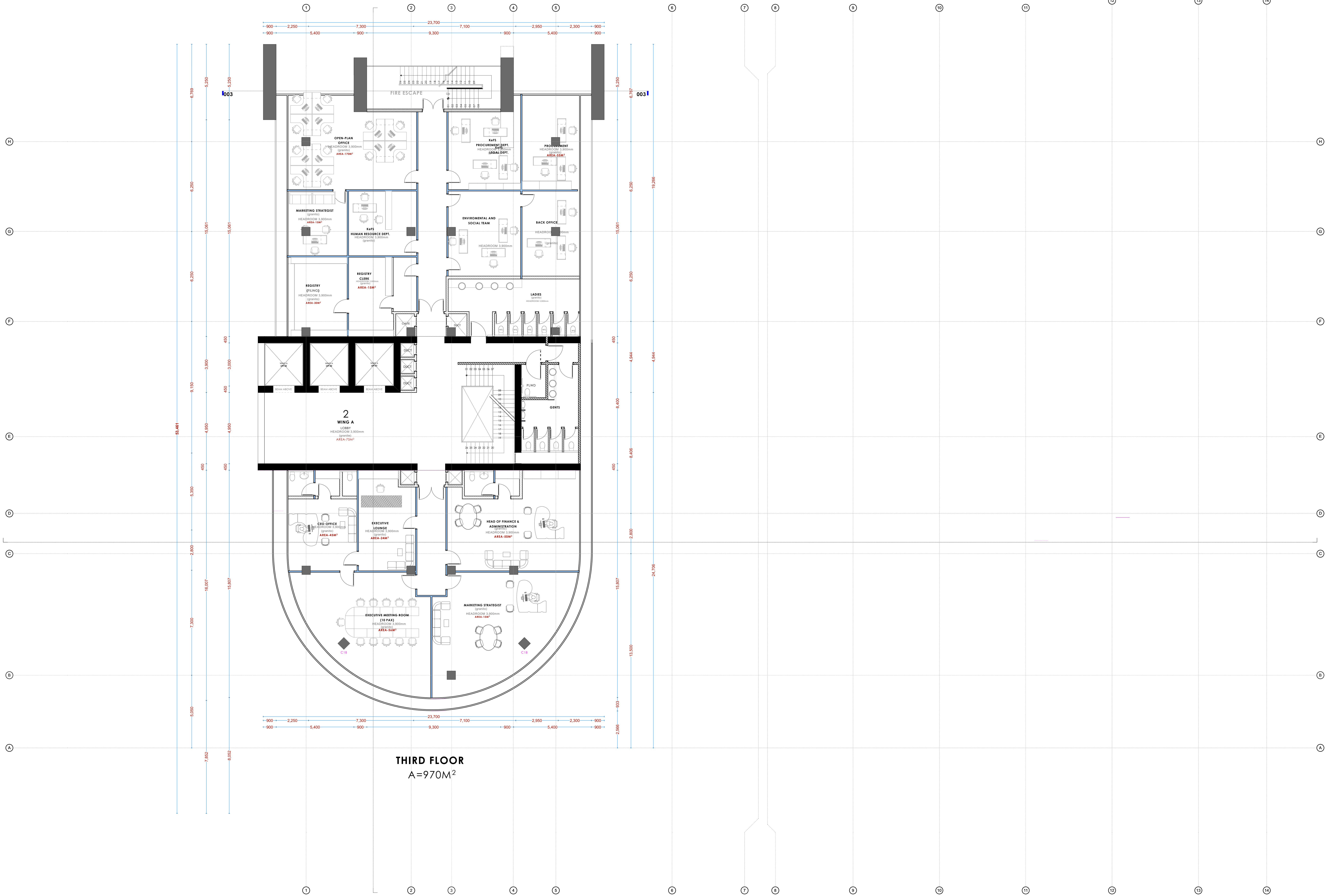
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|--|---|---|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1633) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanjui<br>B. Arch. (Hons), M. Arch.<br>B.Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 04-Jun-21      Job No. :2021/Jan/UVUVI HOUSE

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





THIRD FLOOR  
A=970M<sup>2</sup>

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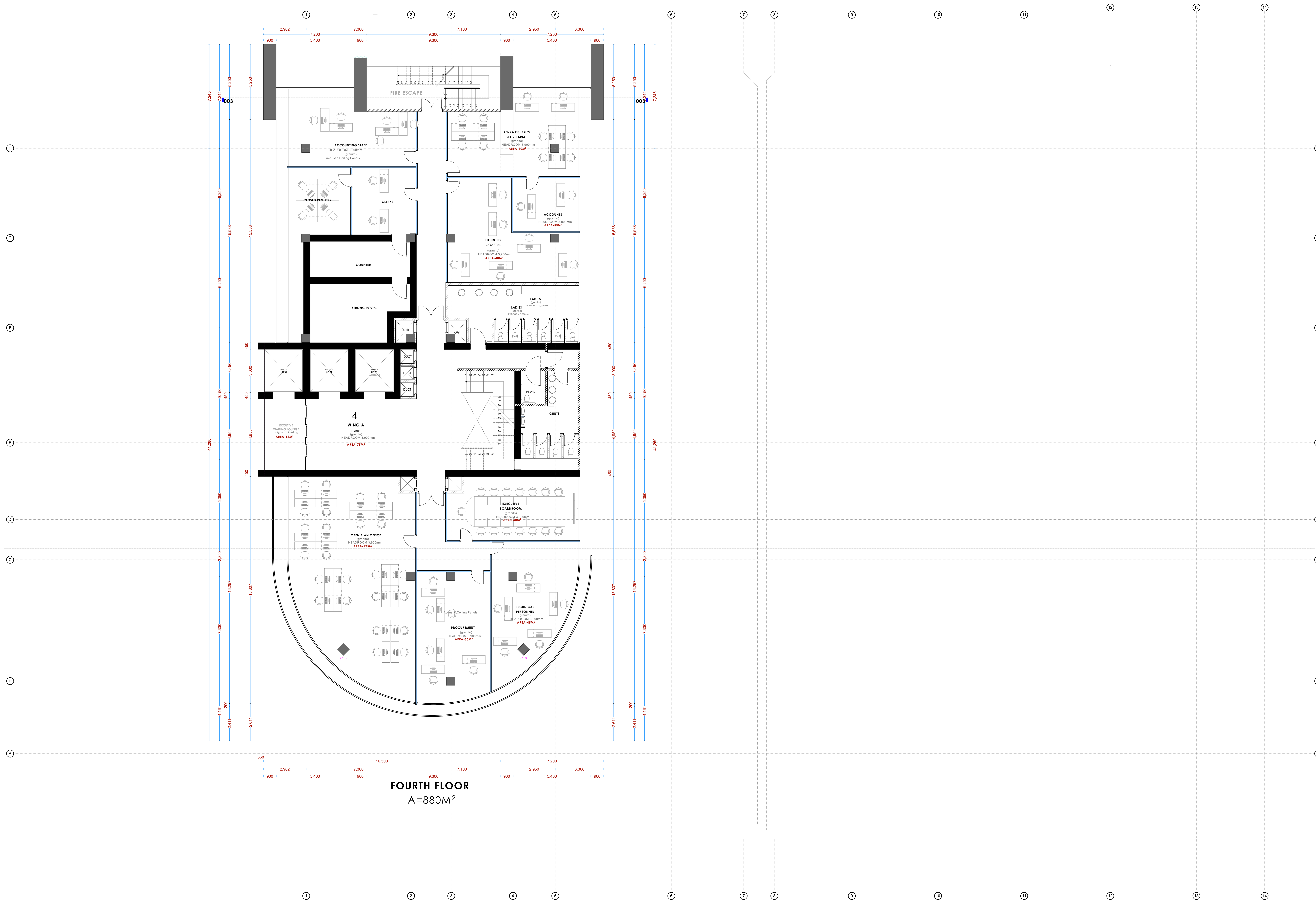
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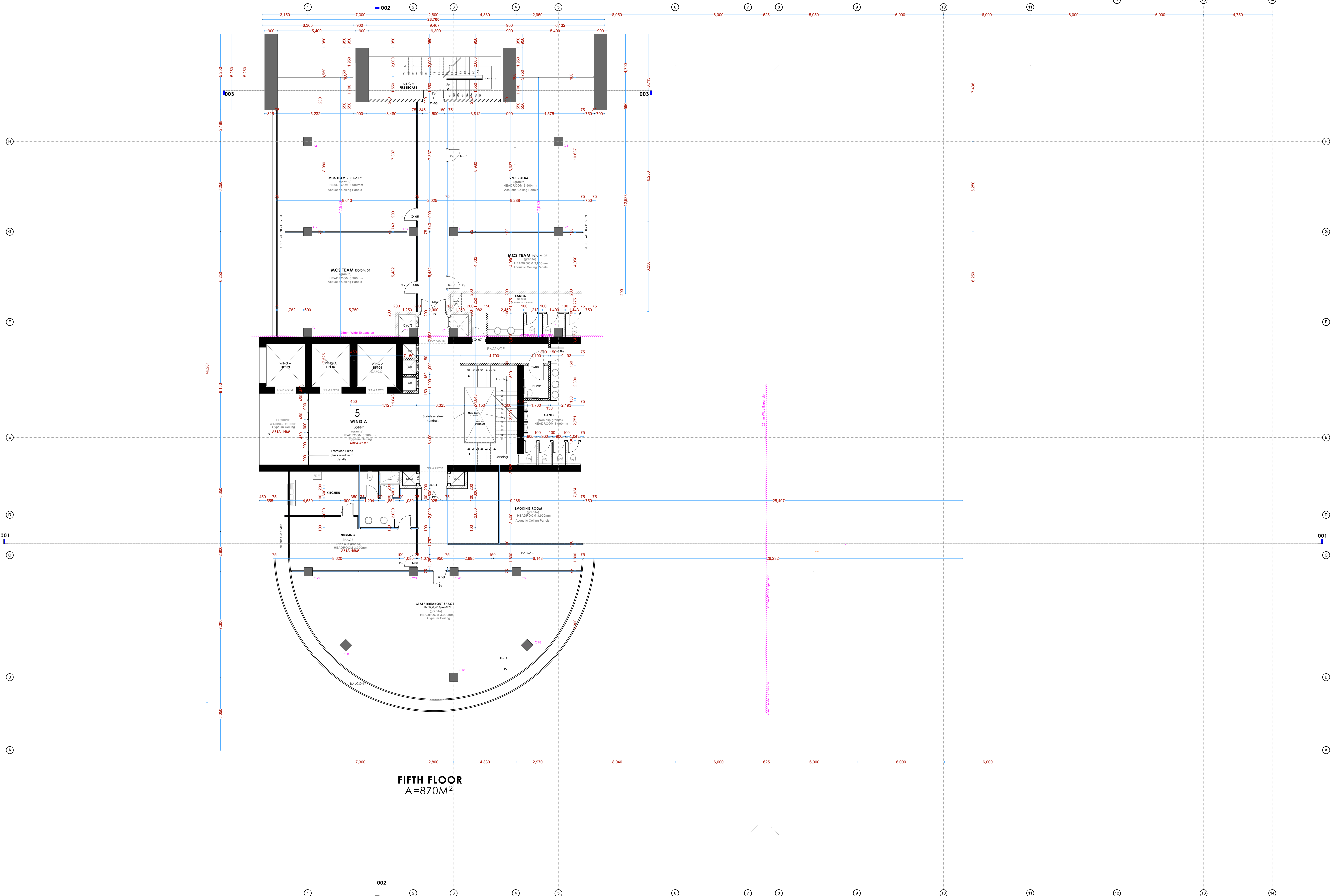
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- +Pipe dimensions are in mm.
  - +Cold water device pipes steel, with class B to S 1387.
  - +Draining pipe above ground shall upvc grey while those below ground shall be upvc golden brown.
  - +All underground foul and waste drain pipes shall be 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  |
| rce           | 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]

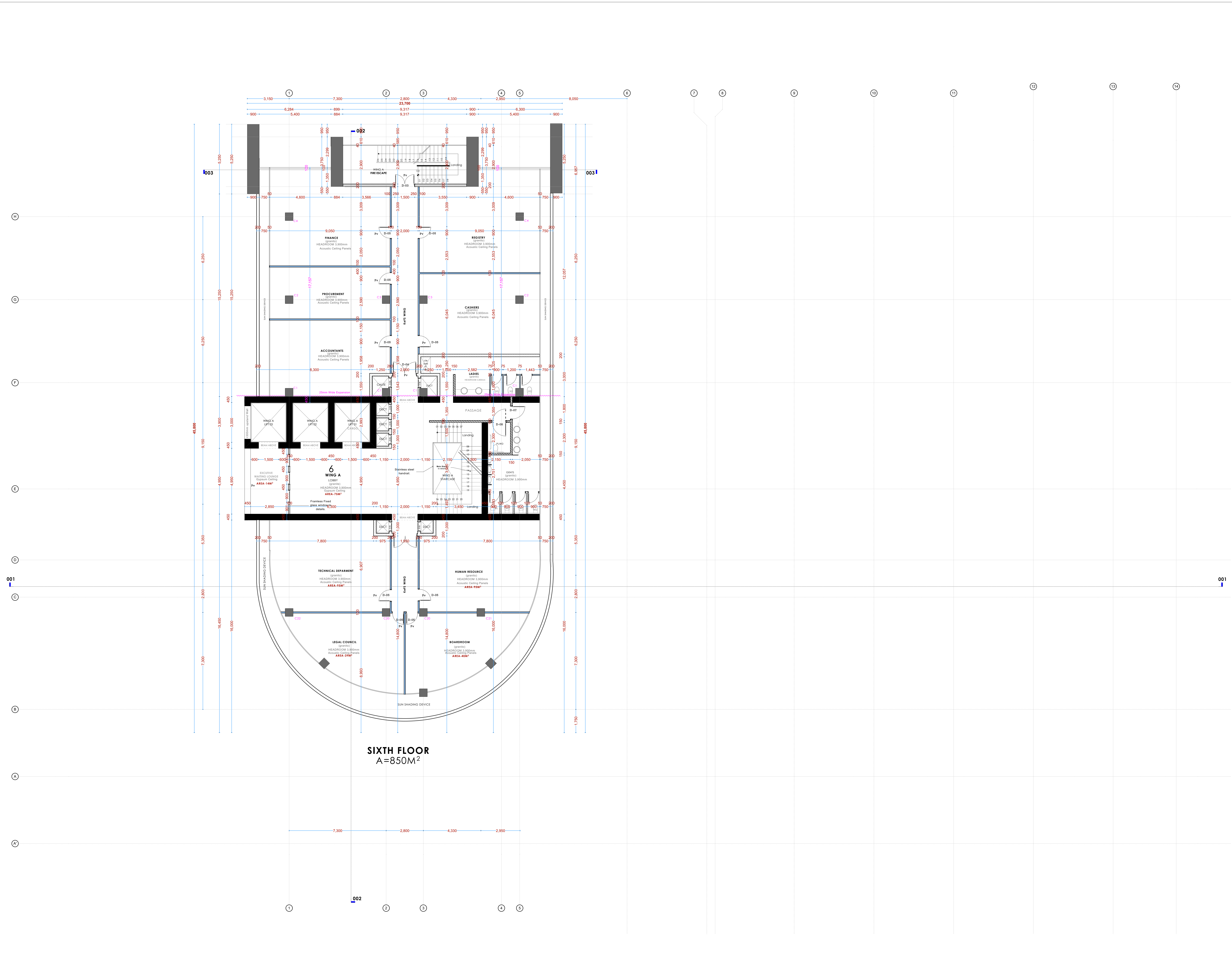
Consultants:  
**ARPRIM CONSULTANTS**  
P. O. Box 12969-00400  
Nairobi  
Tel: 020-884312/8  
E-mail: www.arprimconsultants.com

| Drawn by: -   | Designed by: -  | Checked by: -   |
|---|---|---|
| E. Mutasyi<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwangi<br>B. Arch. (Hons), M. Arch.<br>B. Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 04-Jun-21 Job No: 2021/Jan/UVU1 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 polytheneon 50mm stone dust blinding on compacted hardcore.
  - +All walls 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.
  - + "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 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**
- +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  |
| rce           | 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]

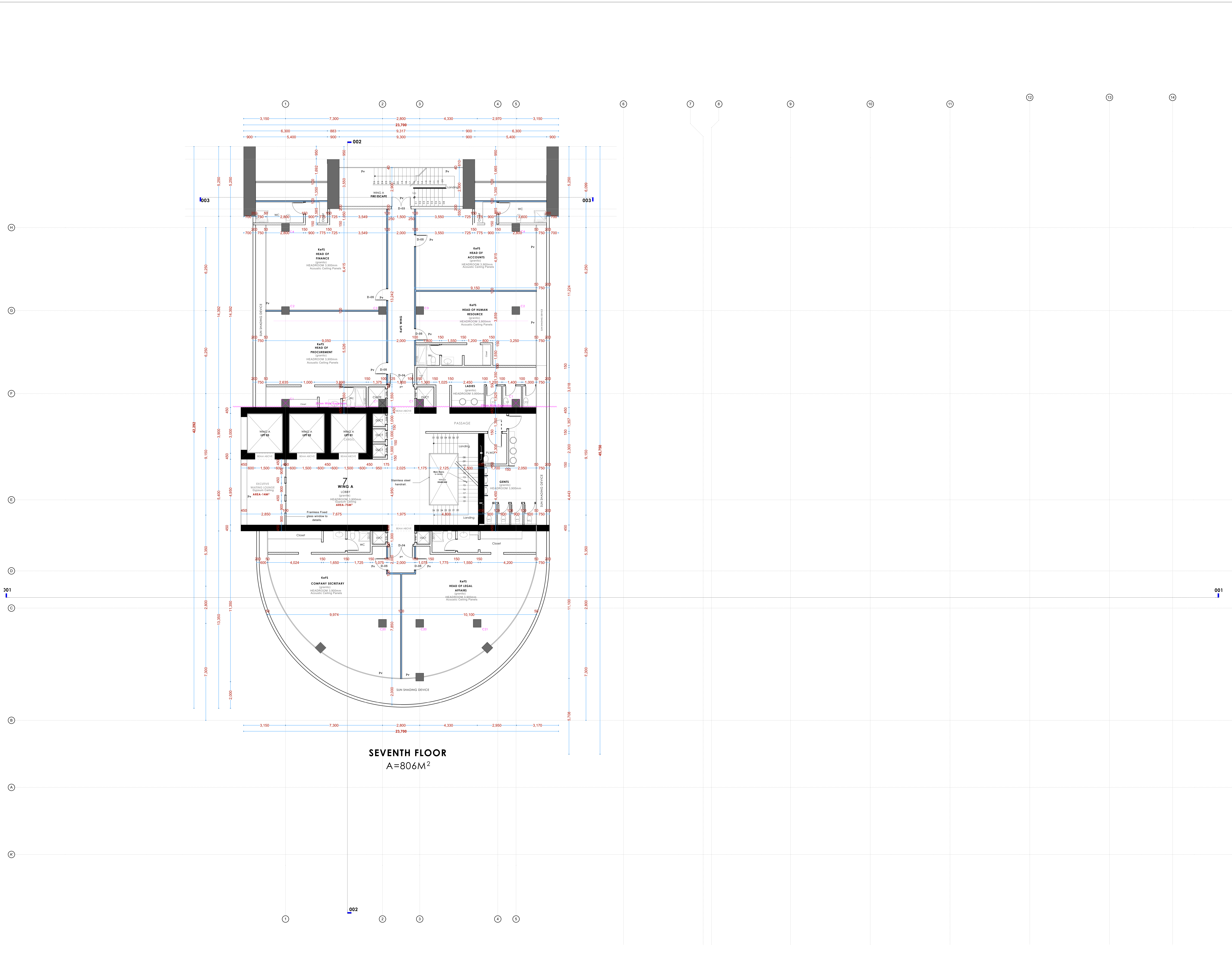
Consultants:  
**ARPRIM CONSULTANTS**  
P. O. Box 12969 - 00400  
Nairobi  
Tel: 020-884312/8  
E-mail: www.arprimconsultants.com

| Drawn by: -  | Designed by: -  | Checked by: -  |
|--|---|--|
| E. Mutaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanjy<br>B. Arch. (Hons), M. Arch.<br>MAAK (A)<br>Architect (reg. No. A1122) |

Date: **04-Jun-21** Job No: **2021/Jan/UVUVI 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 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 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 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  |
| 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. ft. 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: -  |
|--|---|--|
| E. Mutaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwangi<br>B. Arch. (Hons), M. Arch.<br>MAAK (A)<br>Architect (reg. No. A1122) |

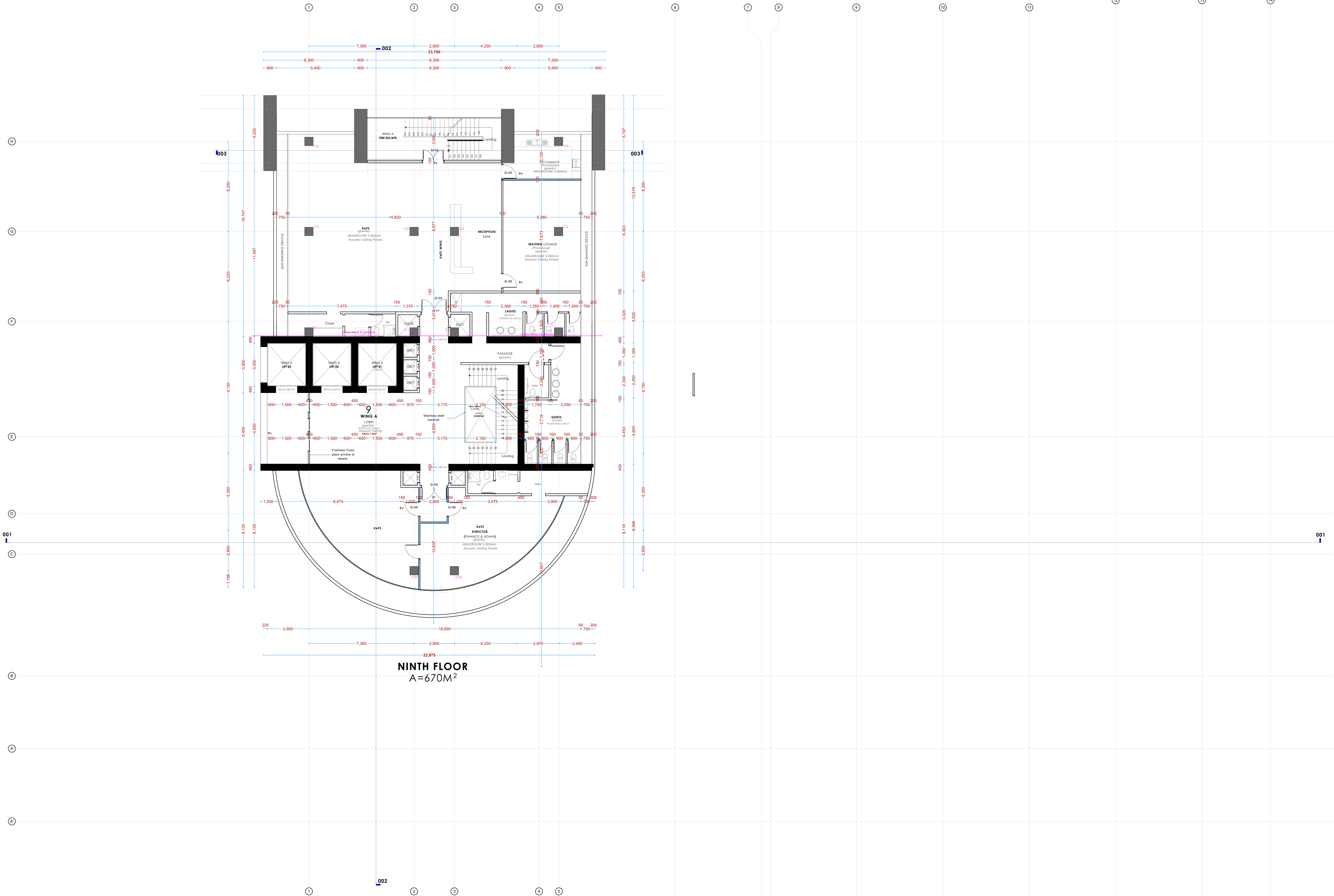
Date: 04-Jun-21 Job No. :2021/Jan/UVU1 HOUSE

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 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 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 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 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: -   |
|--|---|---|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanjui<br>B. Arch. (Hons), M. Arch.<br>B.Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 04-Jun-21 Job No.:2021/Jan/UVUVI HOUSE

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



**GENERAL**

**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

- 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.
- +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

- 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 BS 4461.  
"R" = Round mild steel to BS 4449.
  - +All timber to be sawn cypress G5 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 preservative to be determined on site to S.E.'s approval.

## MECHANICAL

- 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

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

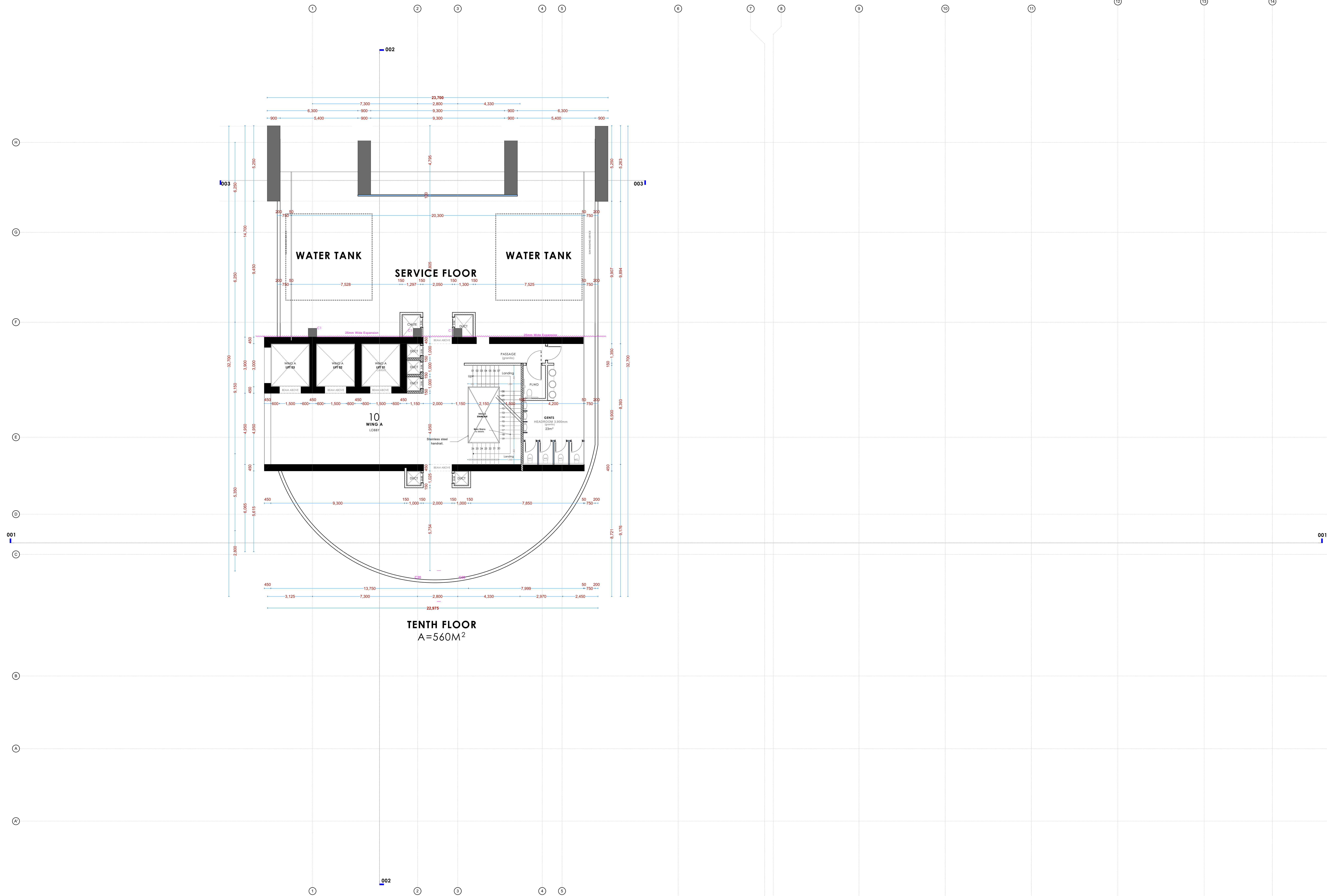
**Consultants:**

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E-mail: [www.arprimconsultants.com](mailto:www.arprimconsultants.com)

|  |  |   |
|--|--|---|
| <b>Drawn by: -</b><br><br>E. Mukoya<br>B. Arch. (Hons)<br>MAAK (A)<br><br>Reg. Architect<br>(reg. No. A1631) | <b>Designed by: -</b><br><br>F. Tunduli<br>B. Arch. (Hons)<br>MAAK (A)<br><br>Reg. Architect<br>(reg. No. A1552) | <b>Checked by: -</b><br><br>J. Momanyi<br>B. Arch. (Hons), M. Arch.<br>B.Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |
|--|--|---|

|                        |                                       |
|------------------------|---------------------------------------|
| <b>Date:</b> 04-Jun-21 | <b>Job No. :</b> 2021/Jan/UVUVI HOUSE |
|------------------------|---------------------------------------|

**Scale:** 1:100 unless shown otherwise





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.
- + "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:

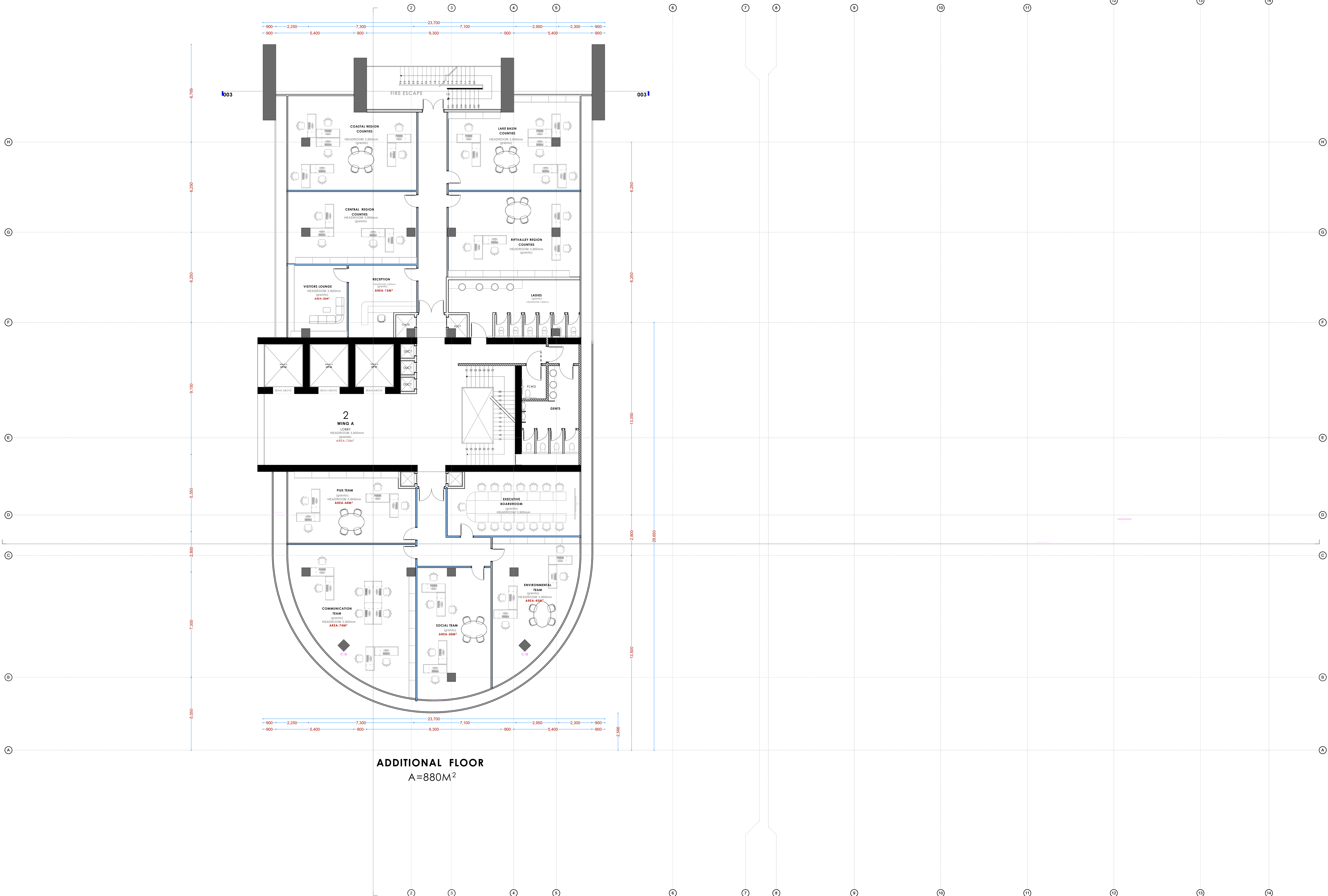
[working drawings]

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

| Drawn by: -  | Designed by: -  | Checked by: -  |
|--|---|--|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwangi<br>B. Arch. (Hons), M. Arch.<br>B.Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 04-Jun-21 Job No. :2021/Jan/UVUVI HOUSE

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



ADDITIONAL FLOOR  
A=880M<sup>2</sup>



## 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 100gauge 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.
- +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.
- +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 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 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 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: -

E. Makaya  
B. Arch. (Hons)  
MAAK (A)  
Reg. Architect  
(reg. No. A1631)

## Designed by: -

F. Temudhi  
B. Arch. (Hons)  
MAAK (A)  
Reg. Architect  
(reg. No. A1552)

## Checked by: -

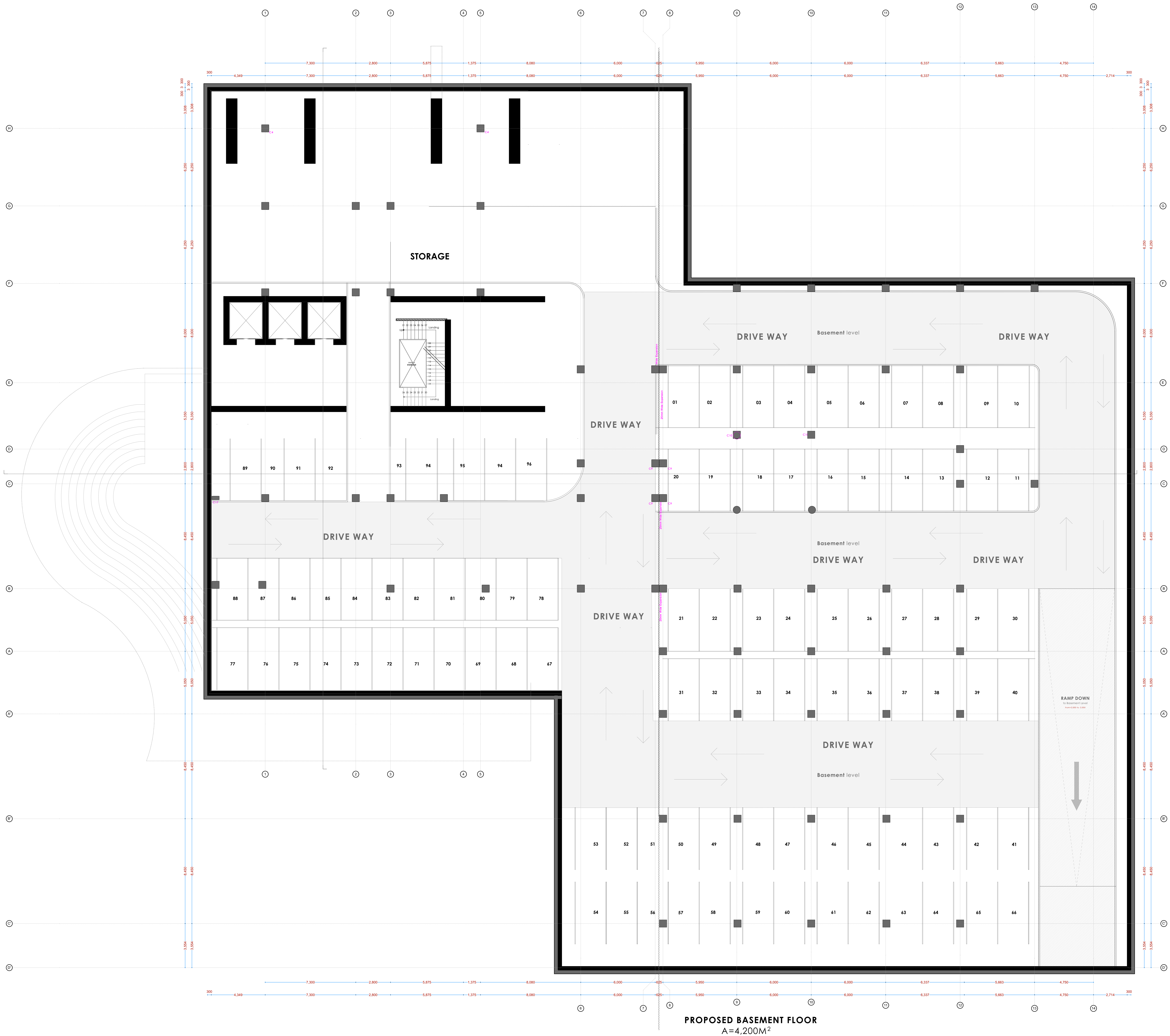
J. Mwanjui  
B. Arch. (Hons), M. Arch.  
B.Tech., Reg. Arch. MAAK (A)  
Architect (reg. No. A1122)

Date: 04-Jun-21

Job No. :2021/Jan/UVUVI HOUSE

Scale: 1:100 unless shown otherwise.

Drawing No.: .....





FRONT ELEVATION001

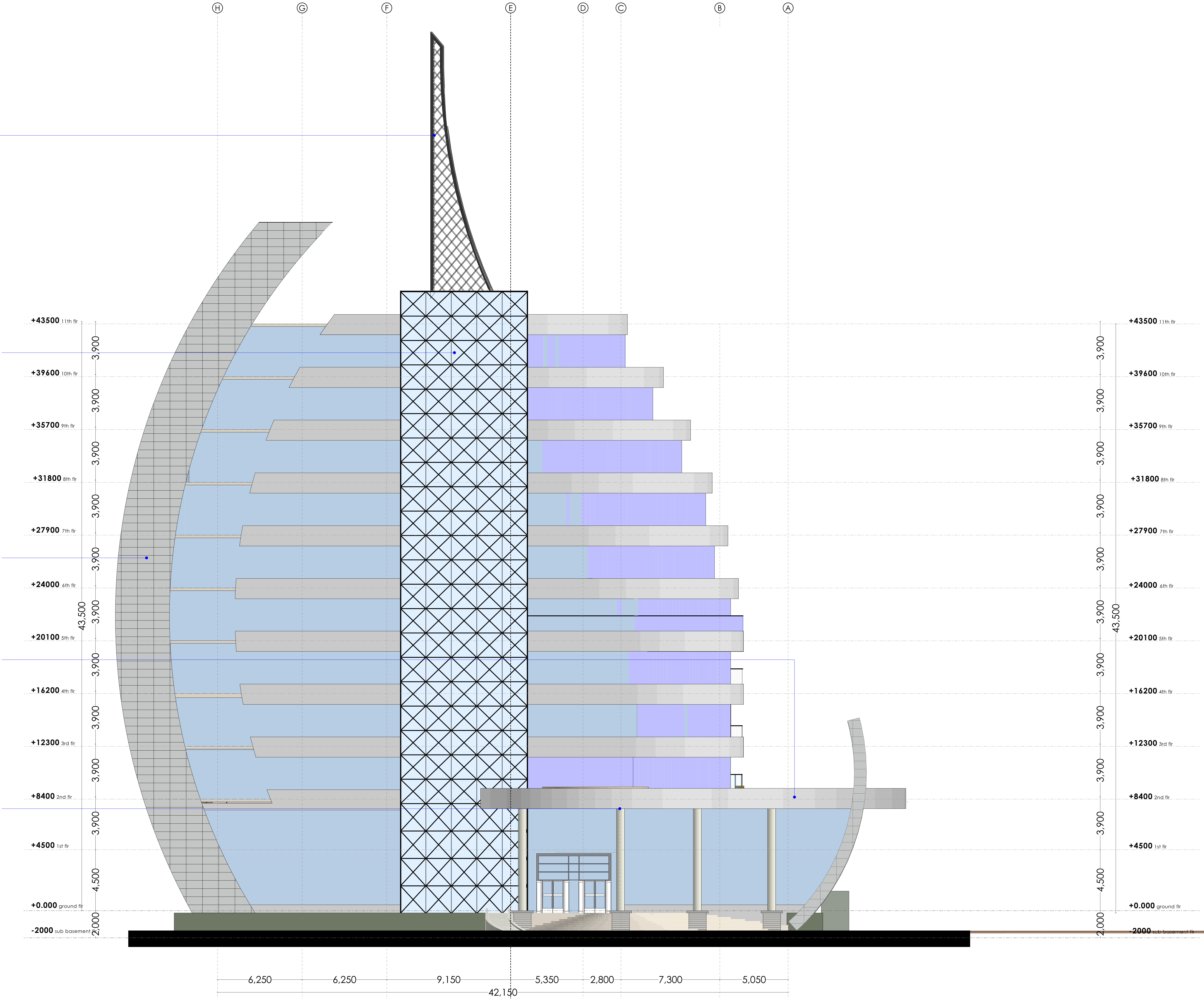
MILD STEEL MAST  
sealant  
weatherseal Paint sealant  
structure  
steel girders to S.E. detail

CURTAIN WALL  
diagrid frameless glass curtain wall to Architect's detail  
diagrid frame  
main frame: 150x75x3mm thick powder-coated aluminium sections  
mullions: 100x60x3mm thick powder-coated aluminium sections  
other: LED strip lighting fitted on the main frame  
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  
weatherseal black anti-bacteria silicon sealant  
steel girders to S.E. detail

ALUCOBOND CLADDING ON R.C. SHEAR WALL  
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  
weatherseal silicon sealant

TERRACE DETAIL  
see balcony detail  
stainless steel handrail, with 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

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  
weatherseal silicon sealant



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.
  - +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 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**
- +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 MEI specifications

| Abbreviations | Meaning   |
|---------------|---|
| syp           | soil vent pipe  |
| mh            | man hole  |
| ic            | inspection chamber  |
| rce           | 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

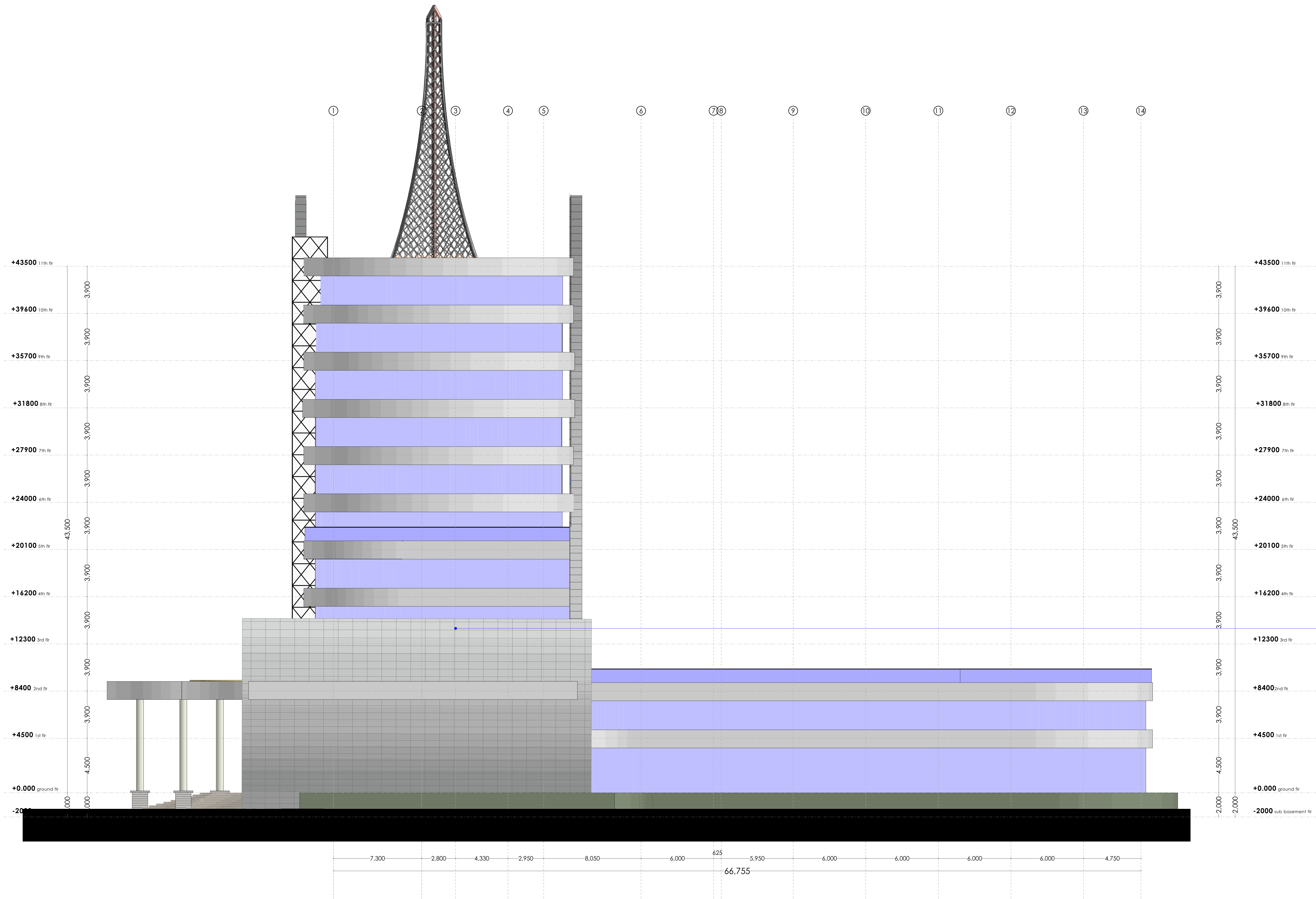
| Drawn by: -  | Designed by: -  | Checked by: -   |
|--|---|---|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tunduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanjui<br>B. Arch. (Hons), M. Arch.<br>B.Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 04-Jun-21 Job No.:2021/Jan/UVUVI HOUSE

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



SIDE ELEVATION 002



**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.

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.
  - +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 foal 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 condats 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

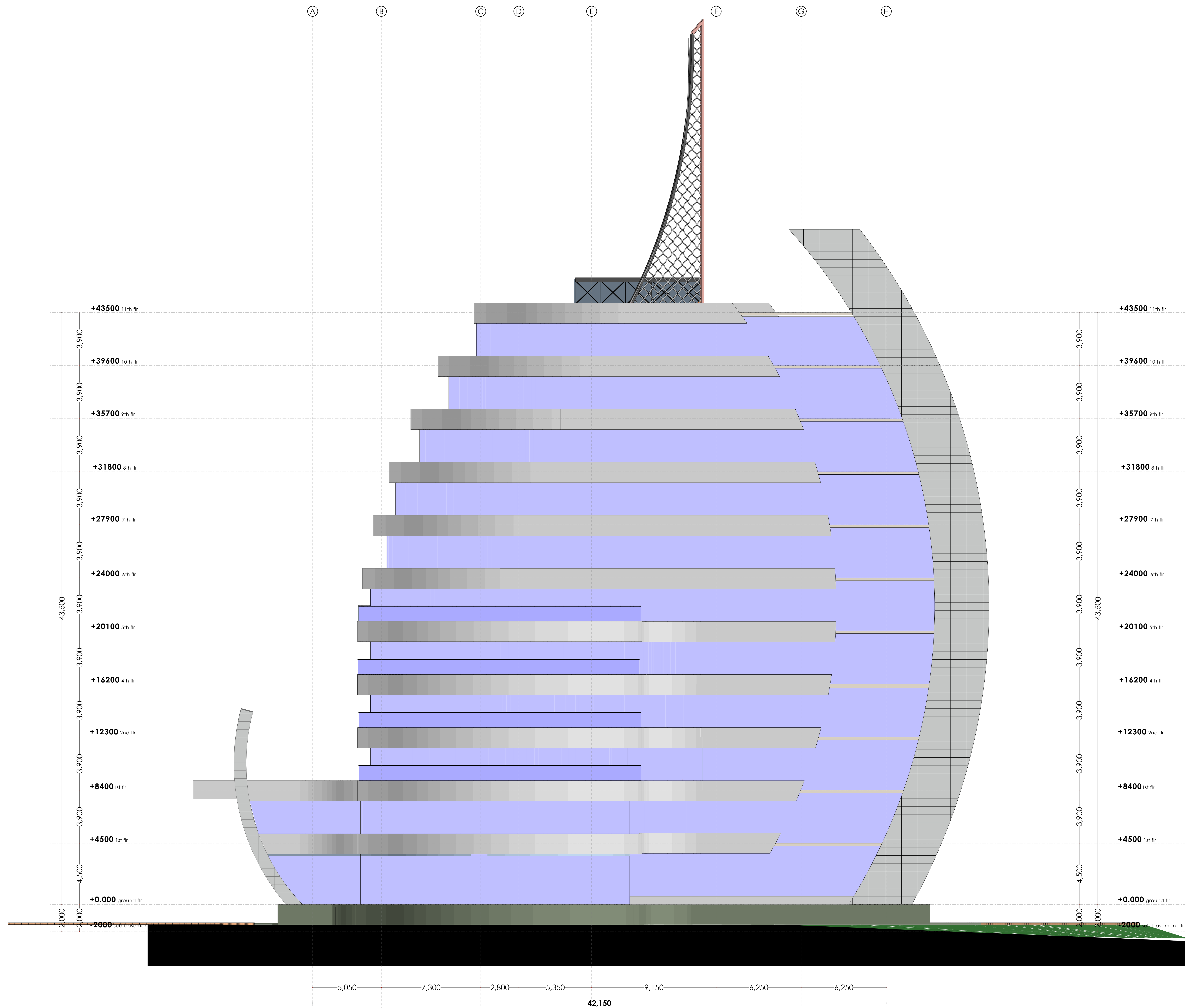
| Drawn by: -  | Designed by: -  | Checked by: -  |
|--|---|--|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tunduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanjui<br>B. Arch. (Hons), M. Arch.<br>B. Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 04-Jun-21 Job No.:2021/Jan/UVUVI HOUSE

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



## SIDE ELEVATION 003



## 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 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 work 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: "R" = high tensile steel to B.S 4461.
- "R" = Round mild steel to B.S 449
- +All timber to be sawn cypress G6 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 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   |
|---------------------|---|
| <b>svp</b>          | soil vent pipe  |
| <b>mh</b>           | man hole  |
| <b>ic</b>           | inspection chamber  |
| <b>rec</b>          | reinforced cement concrete  |
| <b>gt</b>           | gully trap  |
| <b>ss sink</b>      | stain-less steel sink   |
| <b>whb</b>          | wash hand basin   |
| <b>wc</b>           | water closet  |
| <b>shw</b>          | shower  |
| <b>cc</b>           | centre to centre  |
| <b>st. eng/S.E.</b> | structural engineer   |
| <b>dpc</b>          | damp proof course-under all grd. fl. wallings                                 |
| <b>dpm</b>          | damp proof membrane   |
| <b>gl</b>           | ground level  |
| <b>pv</b>           | 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:**

**Consultants:**

**ARPRIM CONSULTANTS**

**P. O. Box** 12969 - 00400

**Nairobi**

**Tel:** 020-884312/8

**E-mail:** [www.arprimconsultants.com](http://www.arprimconsultants.com)

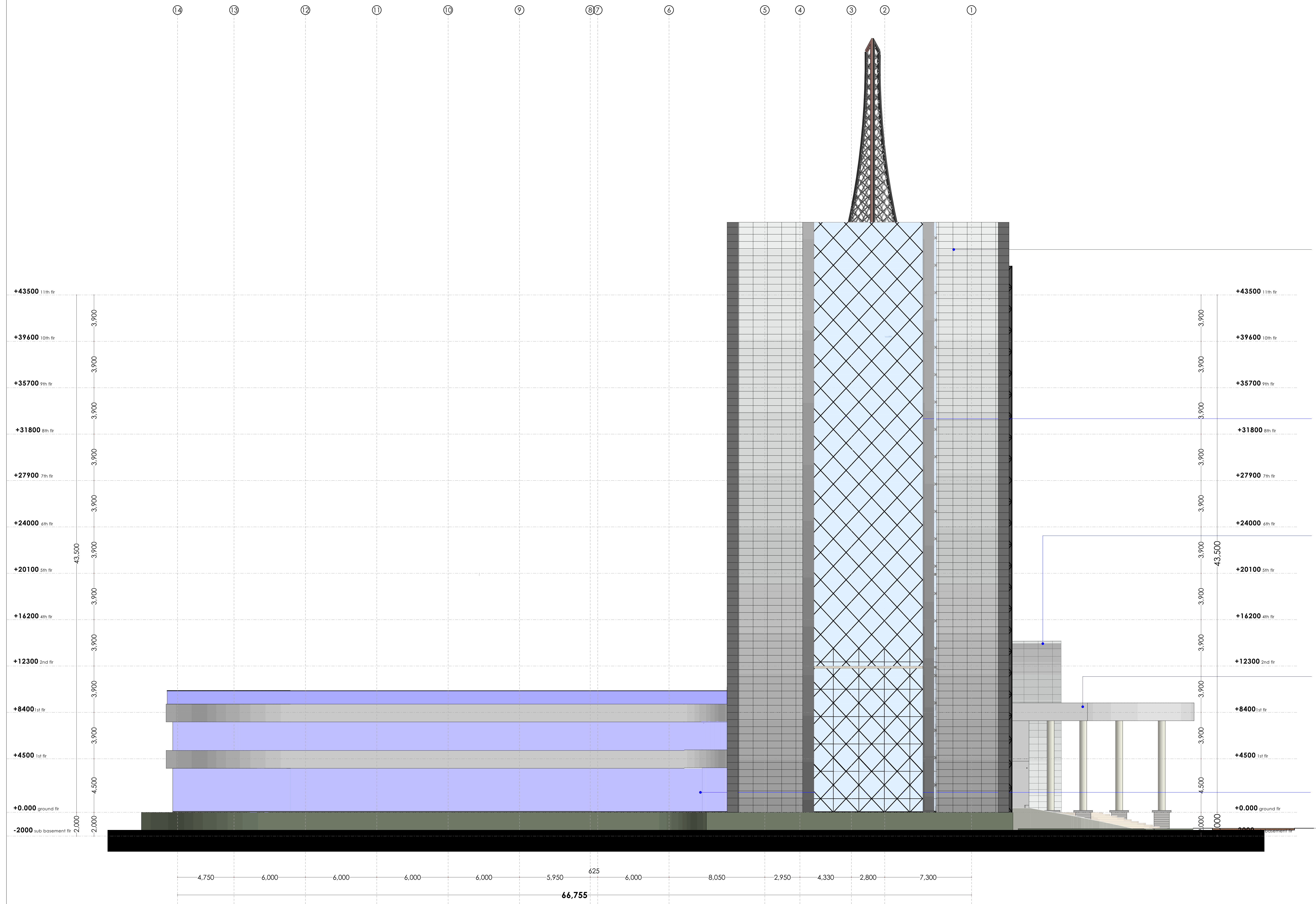
|                    |                       |                              |
|--------------------|-----------------------|------------------------------|
| <b>Drawn by: -</b> | <b>Designed by: -</b> | <b>Checked by: -</b>         |
| <b>E. Mukoya</b>   | <b>F. Tunduli</b>     | <b>J. Momanyi</b>            |
| B. Arch. (Hons)    | B. Arch. (Hons)       | B. Arch. (Hons), M. Arch.    |
| MAAK (A)           | MAAK (A)              | B.Tech., Reg. Arch. MAAK (A) |
| Reg. Architect     | Reg. Architect        | Architect (reg. No. A1122)   |
| (reg. No. A1631)   | (reg. No. A1552)      |                              |

|                        |                                       |
|------------------------|---------------------------------------|
| <b>Date:</b> 04-Jun-21 | <b>Job No. :</b> 2021/Jan/UVUVI HOUSE |
|------------------------|---------------------------------------|

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Scale:</b> 1:100 unless shown | <b>Drawing No.:</b> ..... |
|----------------------------------|---------------------------|



SIDE ELEVATION 004



**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.

**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**  
weatherseal silicon sealant

**GLASS WINDOW**  
4,500mm high, 12mm thick toughened frameless glass with spider bolts, with high level powdercoated aluminium louvres  
see detailed section of entrance.

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.
  - +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 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  |
| rce           | 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: -   |
|--|---|---|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanuzi<br>B. Arch. (Hons), M. Arch.<br>B.Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 04-Jun-21 Job No. :2021/Jan/UVUVI HOUSE

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



# SECTION 001

## 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.
- \*"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 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  |
| rce           | 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: -   |
|--|---|---|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanjui<br>B. Arch. (Hons), M. Arch.<br>B.Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 04-Jun-21 Job No. :2021/Jan/UVUVI HOUSE

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

**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

achored to: steel girders to S.E. detail

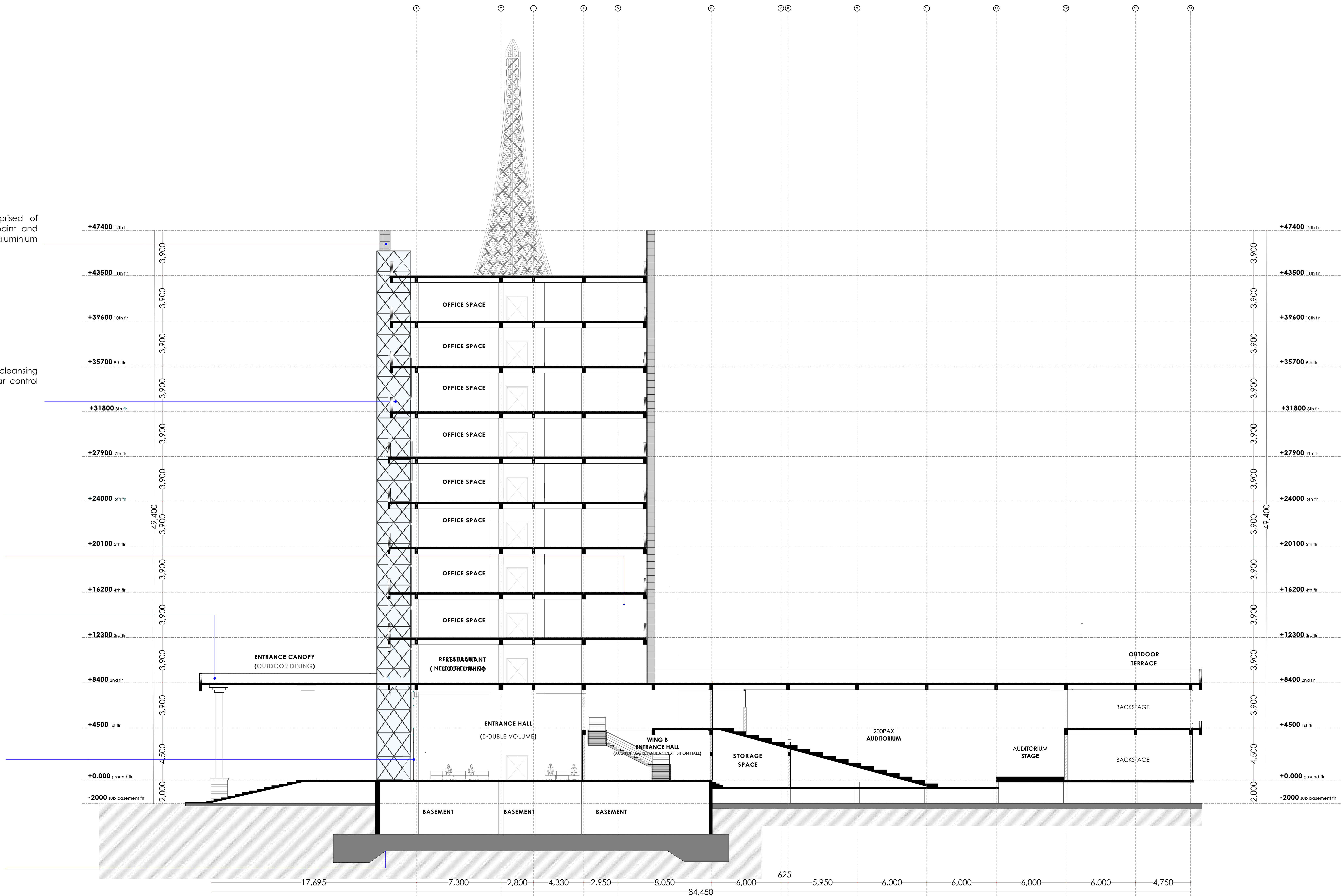
**PARAPET WALL**

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 powdercoated aluminium louvres  
see detailed section of shop front

Raft foundation to S.E Detail.





# SECTION 004

## 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

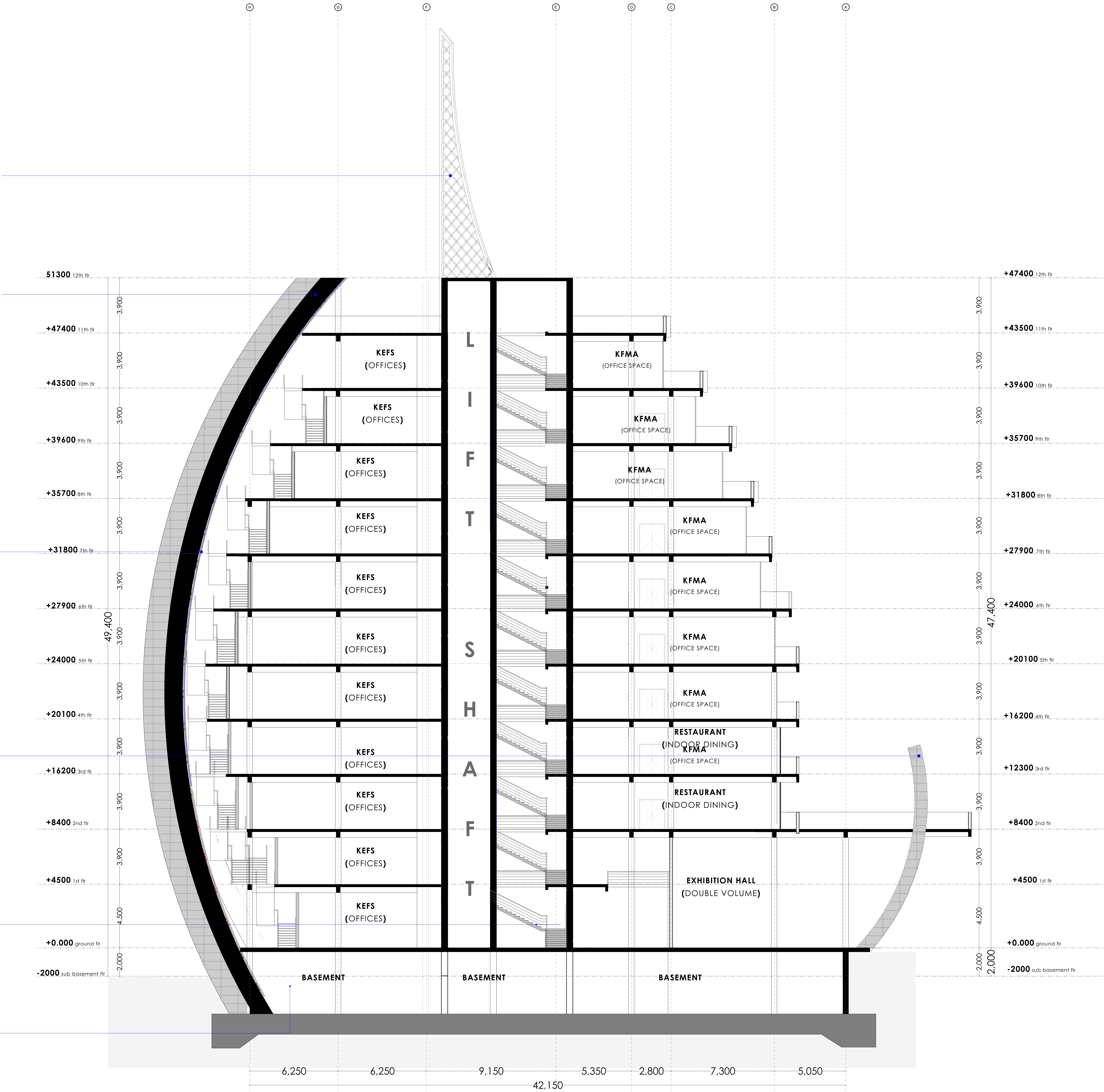
main frame; 150x100mm mild steel SHS mullions; 100x60mm aluminium frame to approved sample  
achored to: steel girders to S.E. detail

## 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.
- +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.
- +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 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 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

- +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  |
| rce           | 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

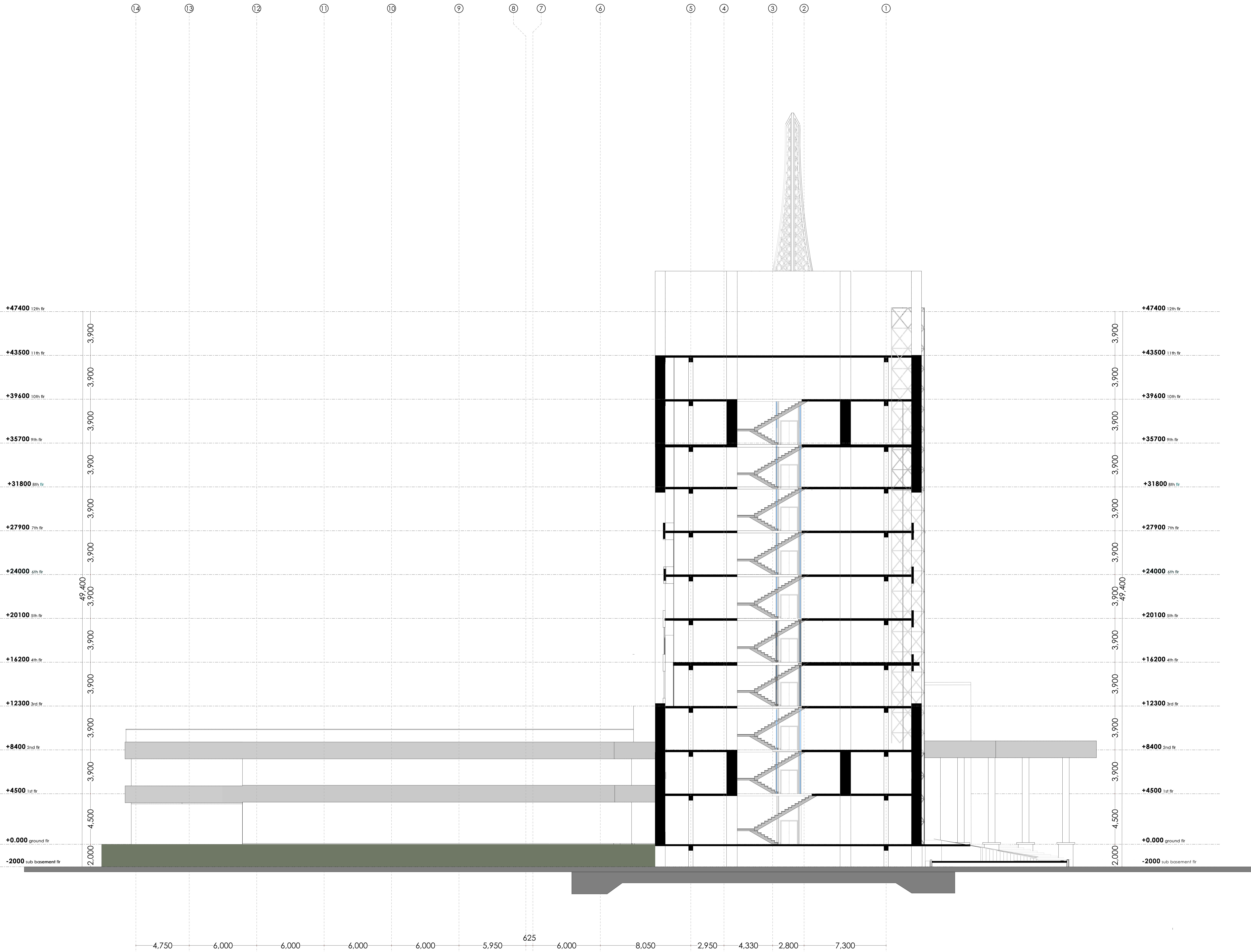
|   |   |   |
|---|---|---|
| Drawn by: -<br>E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | Designed by: -<br>F. Tunduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | Checked by: -<br>J. Mwanjui<br>B. Arch. (Hons), M. Arch.<br>B. Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |
|---|---|---|

Date: 04-Jun-21 Job No. :2021/Jan/UVU1 HOUSE

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



SECTION 003



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. "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 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 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  
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| Drawn by: -  | Designed by: -  | Checked by: -   |
|--|---|---|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanjui<br>B. Arch. (Hons), M. Arch.<br>B.Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 04-Jun-21 Job No. :2021/Jan/UVUVI 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 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.
- "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.F'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 BS97 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.
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- 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  |
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| ic            | inspection chamber  |
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| 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                                 |
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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]

## Consultants:

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Tel: 020-884312/8  
E-mail: www.arprimconsultants.com

## Drawn by: -

E. Makaya  
B. Arch. (Hons)  
MAAK (A)  
Reg. Architect  
(reg. No. A1631)

## Designed by: -

F. Tenduli  
B. Arch. (Hons)  
MAAK (A)  
Reg. Architect  
(reg. No. A1552)

## Checked by: -

J. Mwanjui  
B. Arch. (Hons), M. Arch.  
MAAK (A)  
Architect (reg. No. A1122)

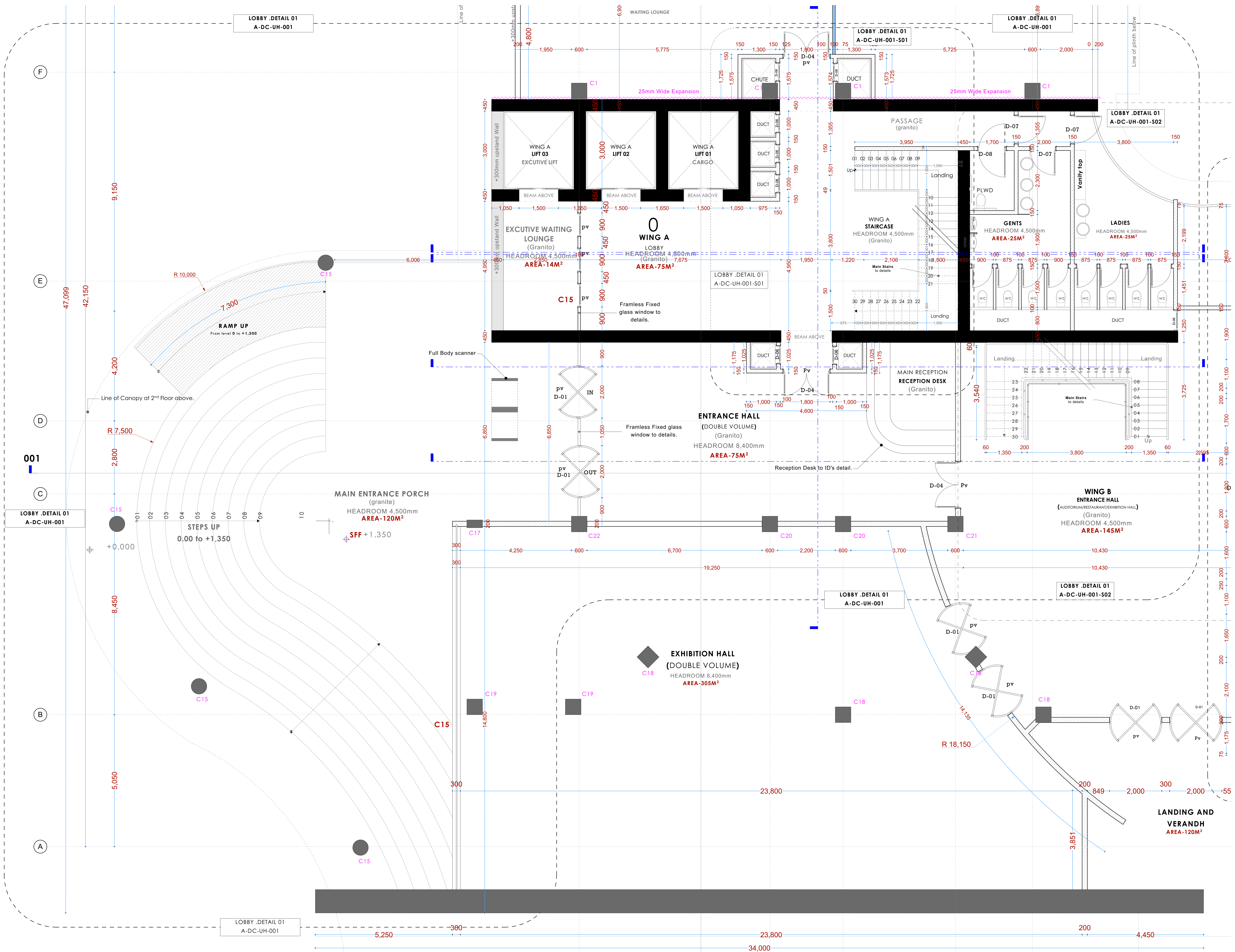
Date: 29-Apr-21

Job No. :2021/Jan/UVU1 HOUSE

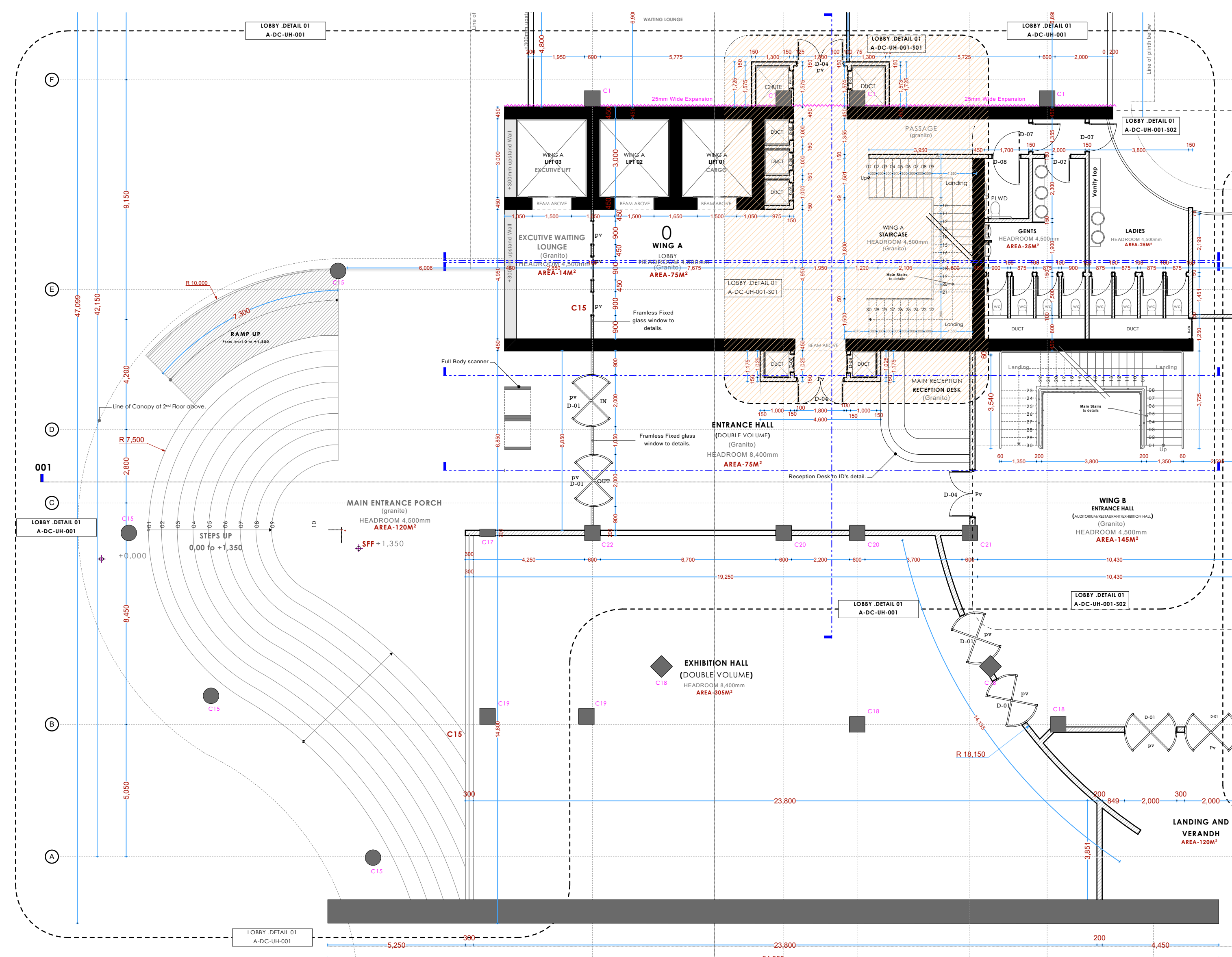
Scale: 1:100(unless shown otherwise)

Drawing No.: .....

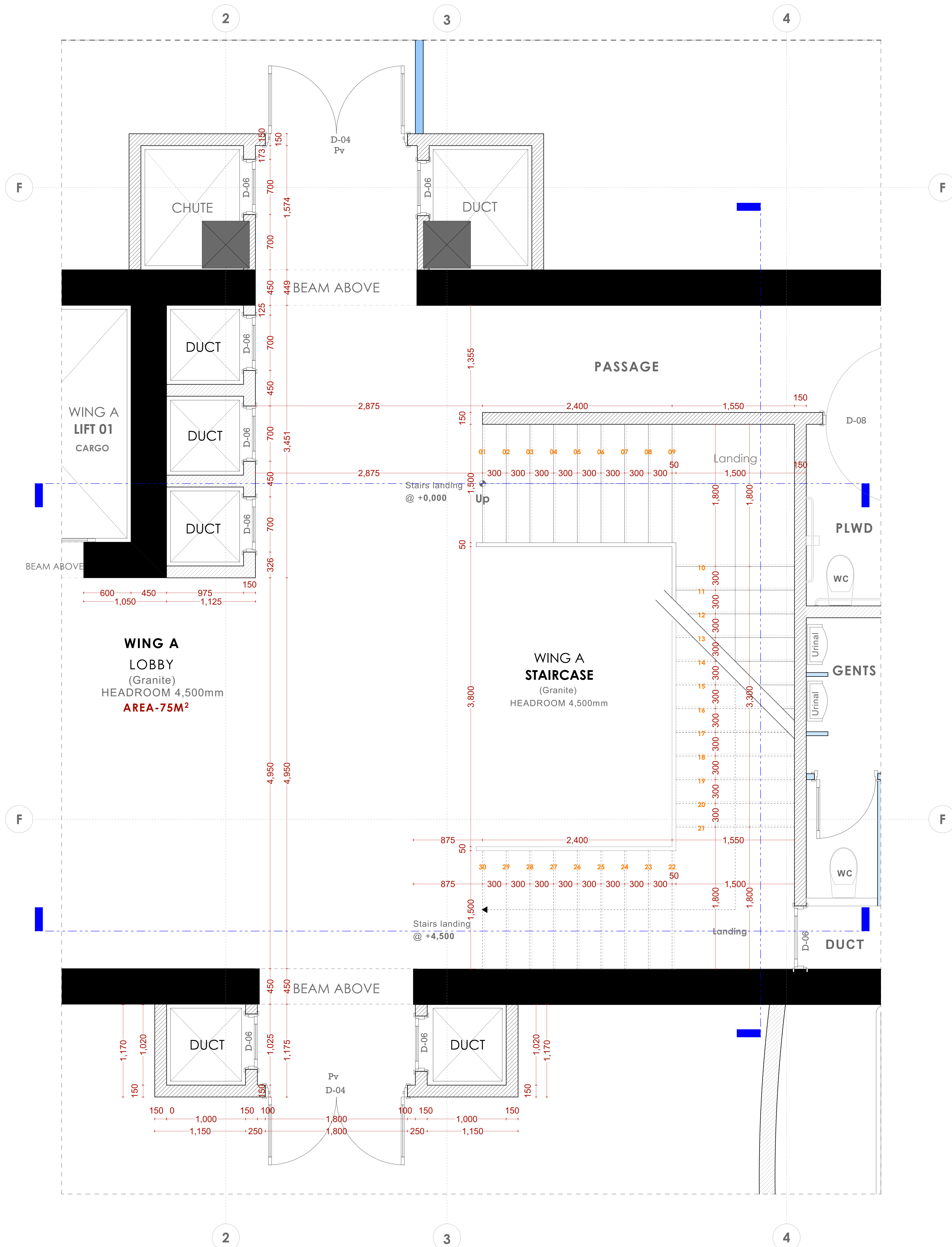
**LOBBY .DETAIL 01A-DC-UH-001**  
**SCALE 1:50**







LOBBY .DETAIL 01A-DC-UH-001

LOBBY .DETAIL 01A-DC-UH-001-S01  
SCALE 1:20**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 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.
- \*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 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 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: -**

**E. Makaya**  
B. Arch. (Hons)  
MAAK (A)  
Reg. Architect  
(reg. No. A1631)

**Designed by: -**

**F. Tenduli**  
B. Arch. (Hons)  
MAAK (A)  
Reg. Architect  
(reg. No. A1552)

**Checked by: -**

**J. Mwanjy**  
B. Arch. (Hons), M. Arch.  
MAAK (A)  
Architect (reg. No. A1122)

Date: 29-Apr-21

Job No. :2021/Jan/UVUVI HOUSE

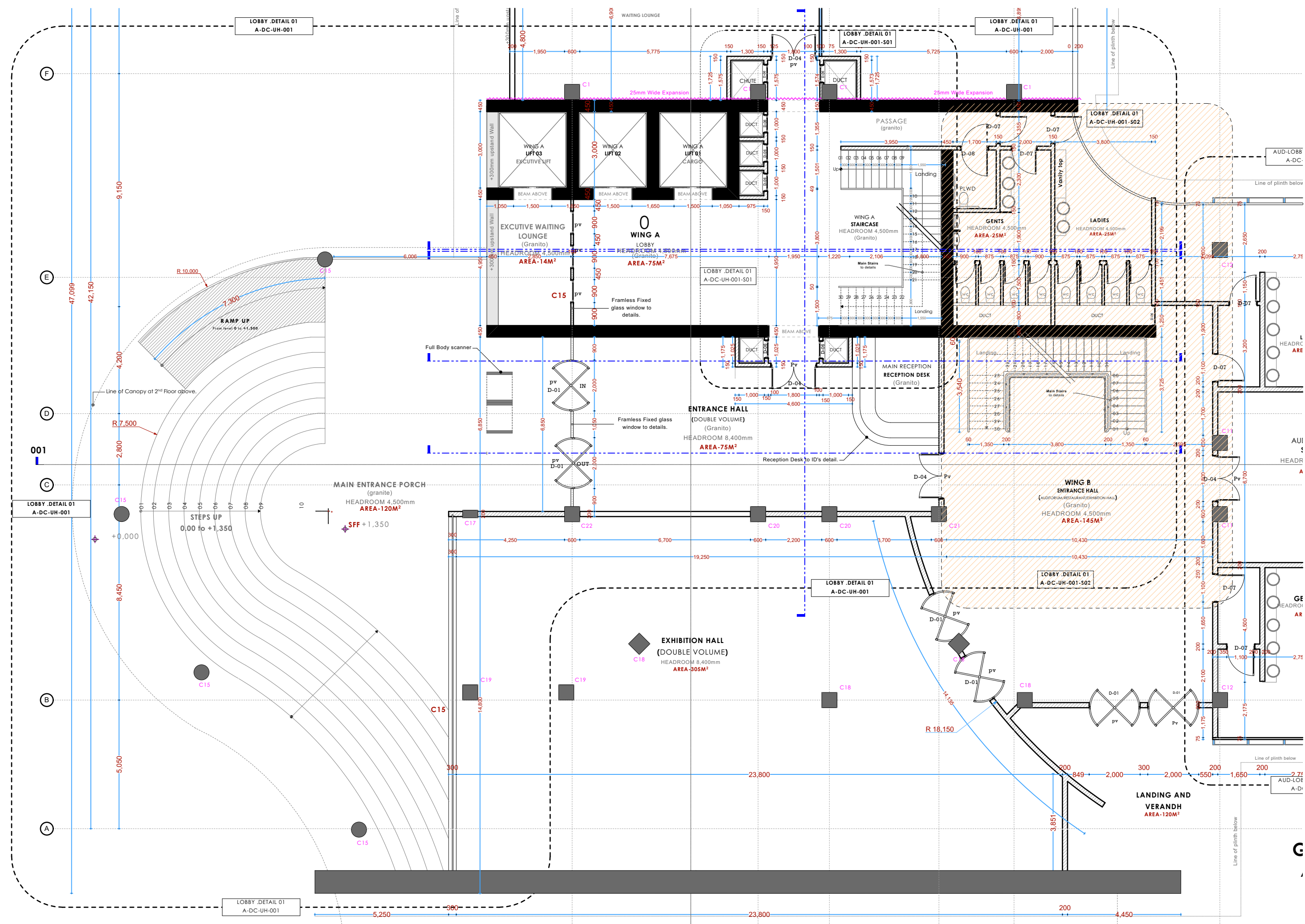
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Drawing No.: .....

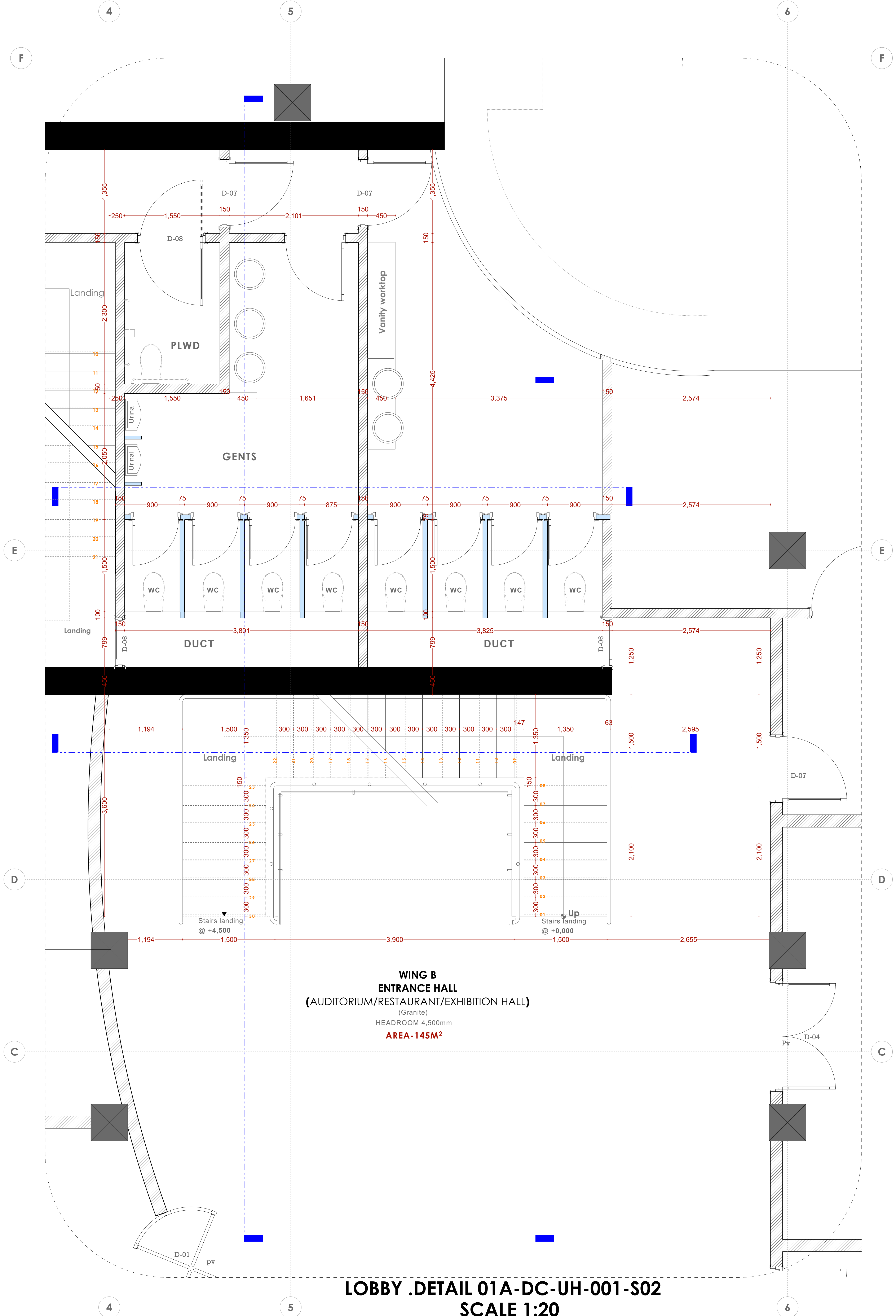








LOBBY .DETAIL 01A-DC-UH-001



LOBBY .DETAIL 01A-DC-UH-001-S02  
SCALE 1:20

NOTES

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  - +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%.
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- 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.
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  - +All testing of pipes must be completed before plastering.
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  - +Government electrical specification number 1.
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  - +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 MEI specifications

| Abbreviations | Meaning   |
|---------------|---|
| svp           | 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 |
|----|-----------|------|-----------|
|    |           |      |           |
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|    |           |      |           |

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: -  |
|--|---|--|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1633) | F. Tunduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanjui<br>B. Arch. (Hons), M. Arch.<br>B. Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 29-Apr-21      Job No. :2021/Jan/UVUVI HOUSE

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



NOTES

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  - \*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.
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  - \*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 foal 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.
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  - \*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  |
| rce           | 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 |
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|    |           |      |           |
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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:

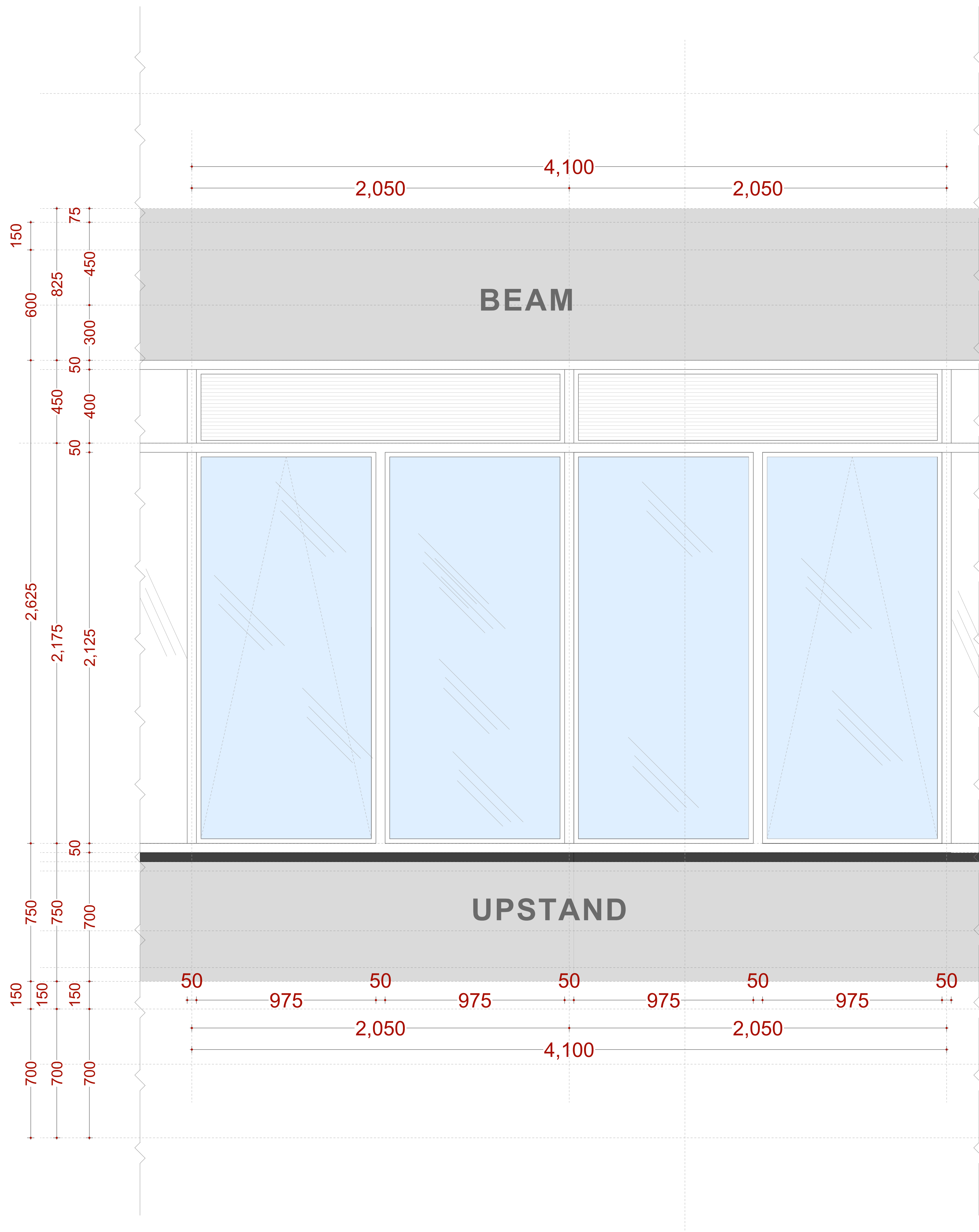
[working drawings]

Consultants:  
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| Drawn by: -  | Designed by: -  | Checked by: -   |
|--|---|---|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanjui<br>B. Arch. (Hons), M. Arch.<br>B.Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 29-Apr-21      Job No. :2021/Jan/UVUVI HOUSE

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

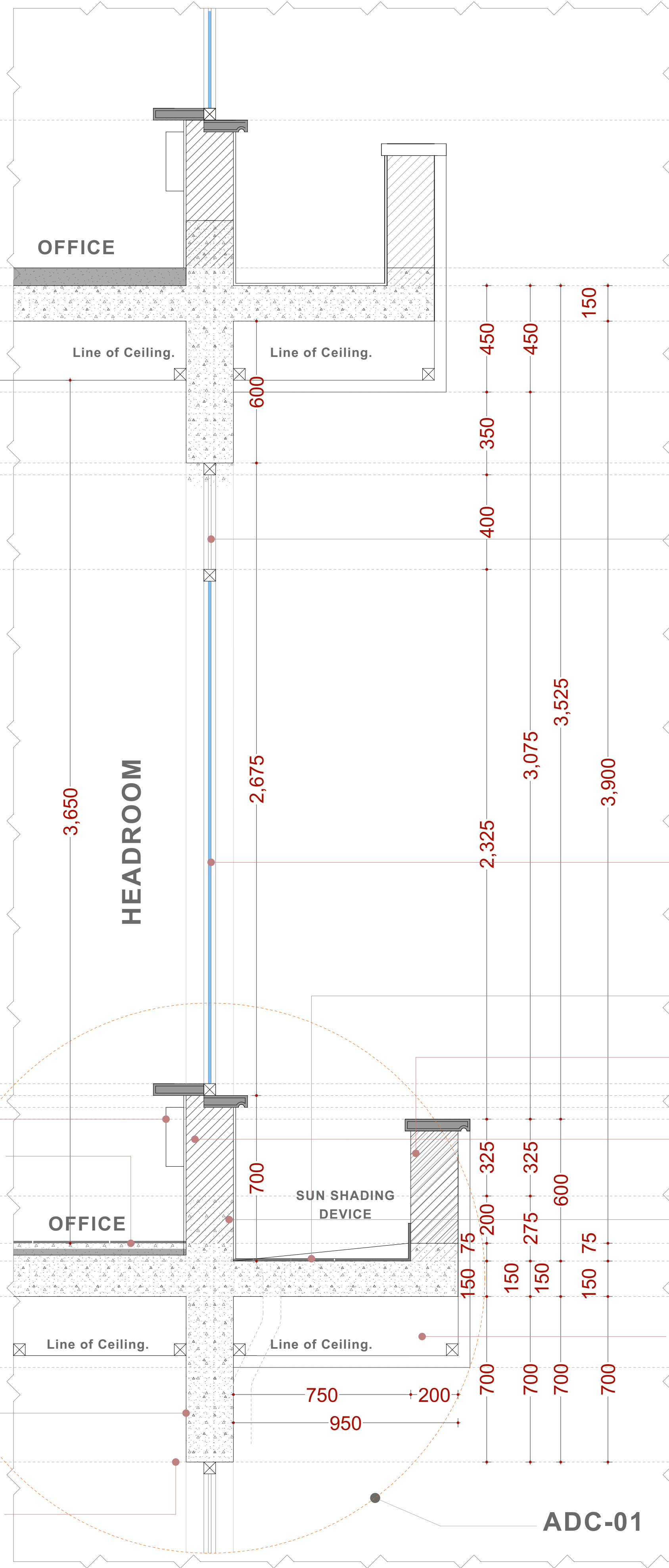


ELEVATION 01-01

250x50 Trunking box  
Floor screed finished in Granito tiles.

Line of Slab.  
structural beam skimmed and painted to approval.

Line of Beam.



SECTION A-A

Champagne powder coated Aluminium Louvers.

50mm x 50mm x 2.5mm thick Aluminium champagne silver section powder coated sliding window with 6mm thick one way reflective glass 80mm x 40mm x 2.5mm thick Aluminium champagne silver section powder coated sliding window with 6mm thick one way reflective glass.

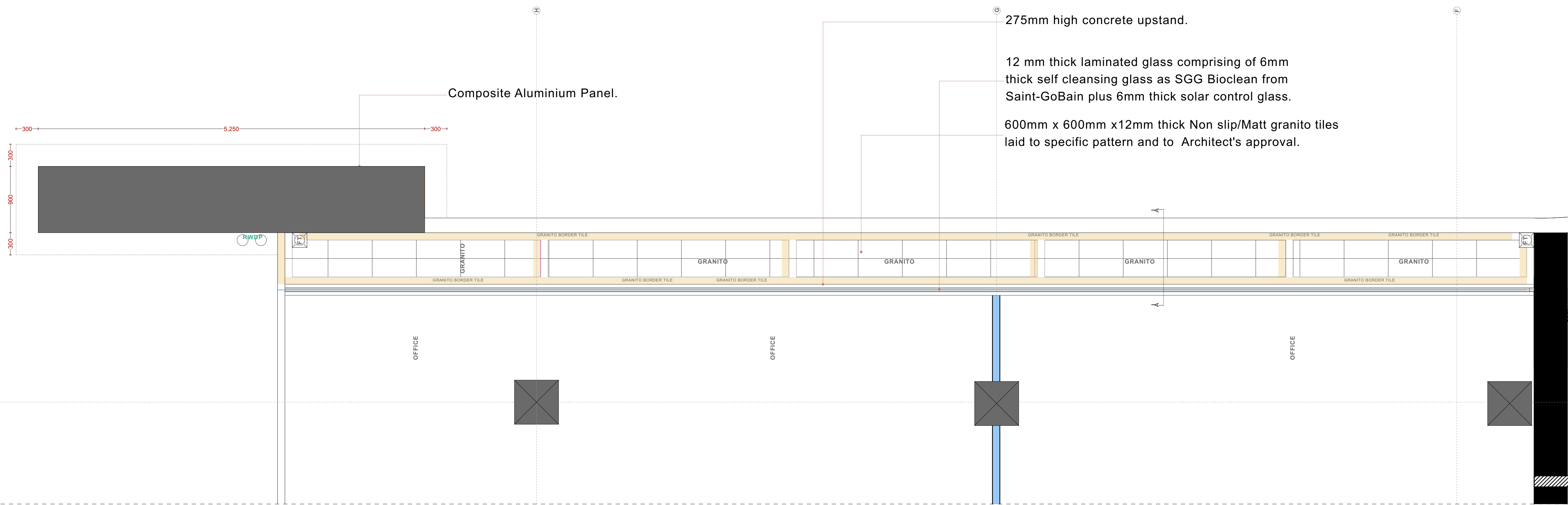
600mm x 600mm x 12mm thick Non slip/Matt granito tiles laid to specific pattern and to Architect's approval.

600mm high Masonry upstand.

275mm high Masonry upstand.

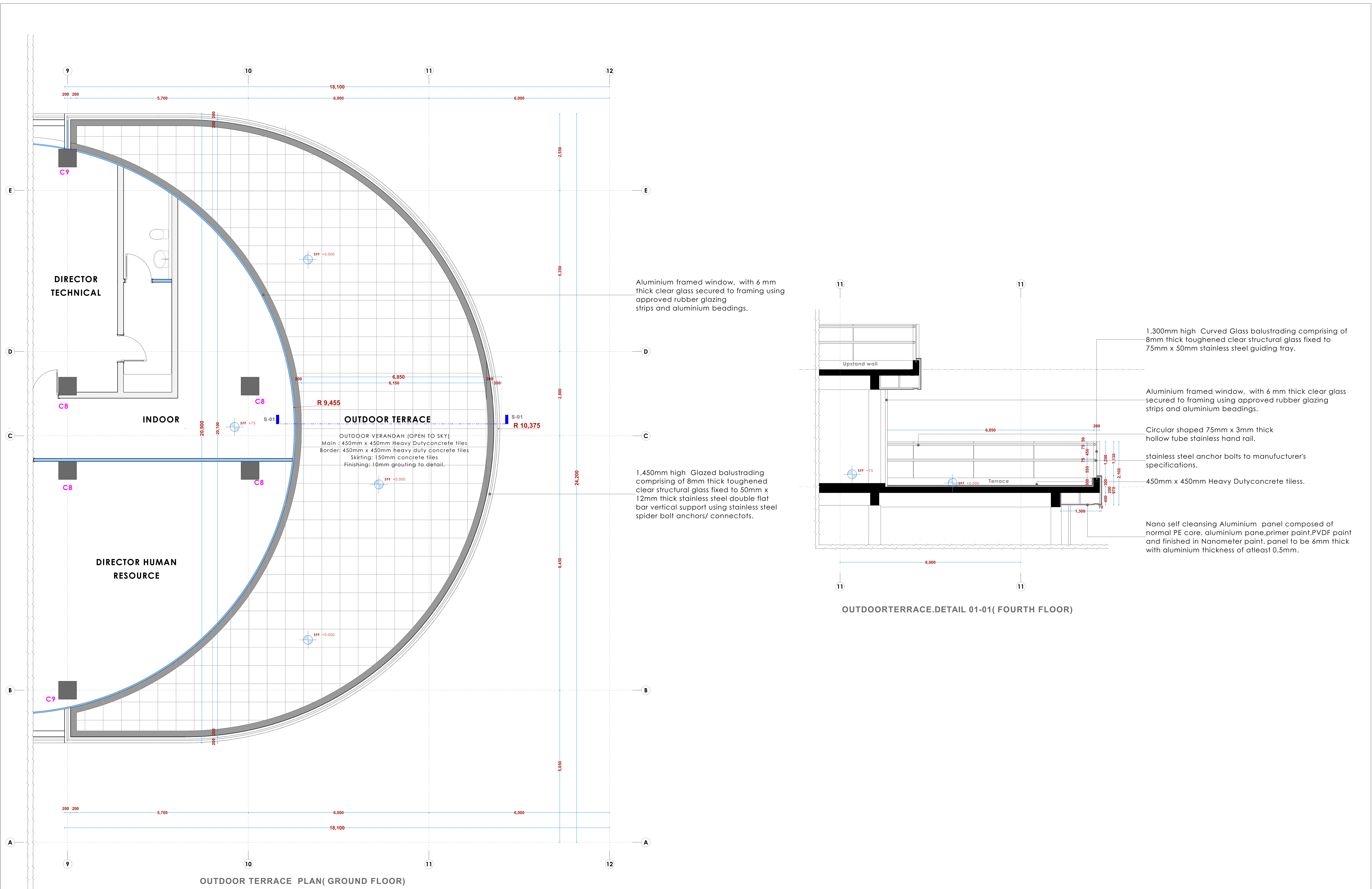
275mm high concrete upstand.

300mm high concrete downstand.



SUN SHADING DEVICE FLOOR FINISH





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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]

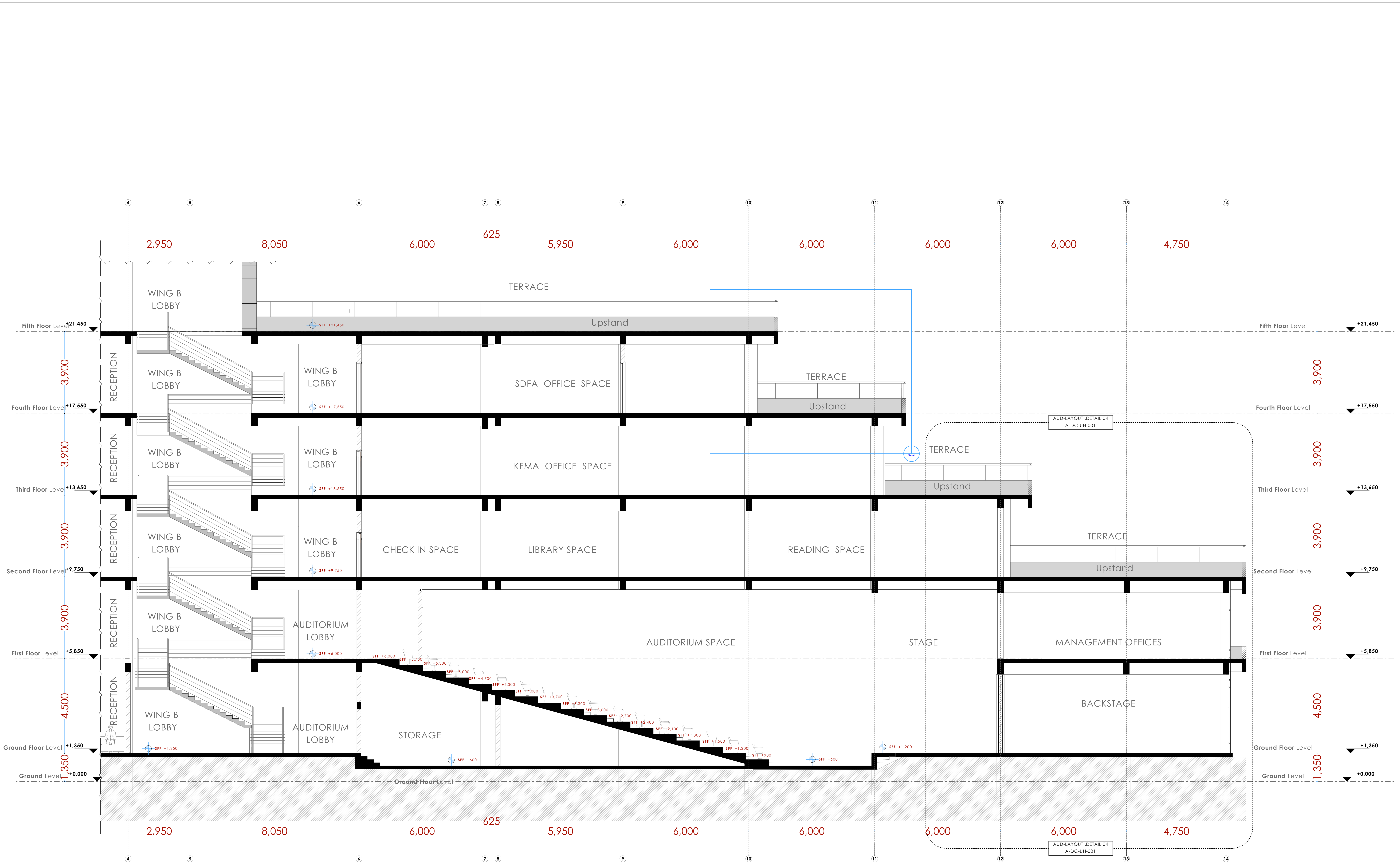
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| Drawn by: -  | Designed by: -  | Checked by: -  |
|--|---|--|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tunduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwangi<br>B. Arch. (Hons), M. Arch.<br>B. Tech. Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: **29-Apr-21** Job No. **:2021/Jan/UVUVI HOUSE**

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





SECTION ADC-UH 04 -01

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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]

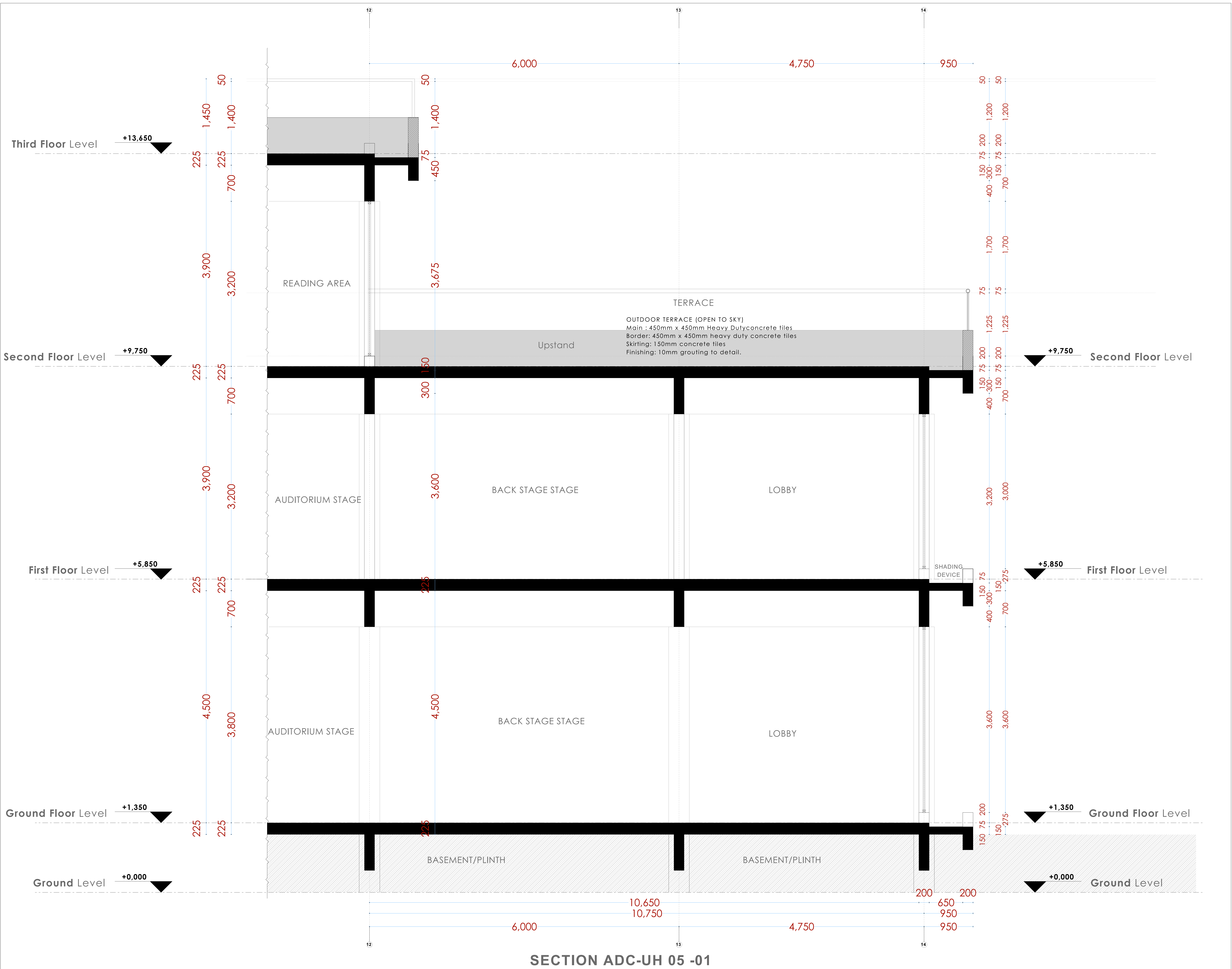
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| Drawn by: -  | Designed by: -  | Checked by: -   |
|--|---|---|
| E. Makaya<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1631) | F. Tenduli<br>B. Arch. (Hons)<br>MAAK (A)<br>Reg. Architect<br>(reg. No. A1552) | J. Mwanjui<br>B. Arch. (Hons), M. Arch.<br>B.Tech., Reg. Arch. MAAK (A)<br>Architect (reg. No. A1122) |

Date: 29-Apr-21 Job No.:2021/Jan/UVUVI 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 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.
  - + "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 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]

Consultants:  
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