



Kenya Marine Fisheries Socioeconomic
Development Project (KEMFSED)
P.O. Box 58187-00200
NAIROBI



MINISTRY OF MINING, BLUE ECONOMY AND MARITIME AFFAIRS

Request for Bids

CONSTRUCTION OF KIDONGO FISH LANDING SITE

Employer: State Department for Blue Economy & Fisheries
Project: Kenya Marine Fisheries Socio-Economic
Development Project (KEMFSED)
Contract Title: CONSTRUCTION OF KIDONGO FISH
LANDING SITE
Country: Republic of Kenya
Loan No./Credit No/Grant No.: 6540-KE
RFBNo.: KE-MOMBE&MA-MSA-2024-008-CW
Issued on: 13TH FEBRUARY 2024

VOLUME 4 OF 4
DRAWINGS

11. CONSTRUCTION OF KIDONGO FISH LANDING SITE

DRAWING NO 11 -001- 000

NO.	DRAWING/DOCUMENT	DRAWING NO	DRAWING SHEET	DRAWING FORMAT	DOCUMENT STATUS
	PROJECT 11 ARCHITECTURAL DRAWINGS				
	LIST OF DRAWINGS.				
01	SITE PLAN.	11-001-001	A1	PDF/DWG	PROVIDED
	A. B.M.U OFFICE & ABLUTION BLOCK				
02	GROUND FLOOR	11-001-A002	A1	PDF/DWG	PROVIDED
03	ROOF PLAN	11-001-A003	A1	PDF/DWG	PROVIDED
04	ELEVATIONS	11-001-A004	A1	PDF/DWG	PROVIDED
05	SECTION & VISUALS	11-001-A005	A1	PDF/DWG	PROVIDED
06	INTERIOR ELEVATION 01 & VISUALS	11-001-A006	A1	PDF/DWG	PROVIDED
07	INTERIOR ELEVATION 02 & VISUALS	11-001-A007	A1	PDF/DWG	PROVIDED
08	DOOR & & WINDOW SCHEDULE	11-001-A008	A1	PDF/DWG	PROVIDED
	B. SOCIAL HALL				
09	GROUND FLOOR PLAN	11-001-B009	A1	PDF/DWG	PROVIDED
10	ROOF PLAN	11-001-B010	A1	PDF/DWG	PROVIDED
11	ELEVATIONS & VISUALS	11-001-B011	A1	PDF/DWG	PROVIDED
12	DOOR SCHEDULES	11-001-B012	A1	PDF/DWG	PROVIDED
13	WINDOW SCHEDULES	11-001-B013	A1	PDF/DWG	PROVIDED
	C. FISH BANDA				
14	FLOOR PLANS	11-001-B014	A1	PDF/DWG	PROVIDED
15	ELEVATIONS & SECTIONS	11-001-B015	A1	PDF/DWG	PROVIDED
16	ARCHITECTURAL IMPRESSIONS	11-001-B016	A1	PDF/DWG	PROVIDED
17	WINDOW & DOOR SCHEDULES	11-001-B017	A1	PDF/DWG	PROVIDED
	D. FISH GEAR MENDING SHED				
18	GROUND FLOOR PLAN	11-001-D018	A1	PDF/DWG	PROVIDED
19	ROOF PLAN	11-001-D019	A1	PDF/DWG	PROVIDED
20	ELEVATIONS & VISUALS	11-001-D020	A1	PDF/DWG	PROVIDED
21	DOOR & WINDOW SCHEDULES	11-001-D021	A1	PDF/DWG	PROVIDED
	E. PUMP ROOM				
22	PUMP ROOM DRAWINGS	11-001-E022	A1	PDF/DWG	PROVIDED

*cont.

NOTES:

GENERAL

1. All measurements are shown in millimeters. Measurements should not be scaled off the drawing.

2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.

3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.

CONSTRUCTION

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

5. All slabs at grade to be poured on 1000 gauge polythene 50mm stone dust bedding on compacted hardcore.

6. All walls under slab and around external foundation to be treated for termite control.

7. Window cills must be finished before internal plastering

CIVIL

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.

STRUCTURAL

9. All RC works to Structural Engineer's details.

10. Depth of foundation to be determined on site to SE approval.

11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the relevant approved local authority's specifications.

13. All service ducts to be accessible from all floors.

14. Deep seal or anti-vac to all fittings connected to the SVPs or waste pipes. All bends and junctions to have inspection plates.

15. SVP to be provided at the head of the drainage.

16. Drain pipes passing between buildings and driveways to be encased in 150mm concrete surround.

17. All underground foul and waste drain pipes shall be UPVC and comply to BS5 414 & 5255, cast iron to comply to BS5 497 table 6 grade C except ones in the basement which shall comply to BS5 335.

18. All inspection chamber covers and frames shall be cast iron to comply to BS5 497 table 6 grade C except

19. Storm water drain shall comply to BS5 556.

20. Minimum slopes to drains shall be 1%.

21. No chasing will be allowed in the slabs for pipes.

22. No chasing to be allowed in the slabs with the written approval of the Structural Engineer.

23. All testing of pipes must be completed before plastering.

24. All mechanical works must be co-ordinated with the electrical works. Any conflicts must be clarified before work begins.

ELECTRICAL

24. All conduits must be laid before plastering.

25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

FIRE

26. Install water ring main with fire hydrant with 2.5" instantaneous coupling adapters

27. Provide underground water tank with automatic electric booster for ring main

28. Provide automatic push button fire alarm system

29. Provide heat and smoke detectors in each room provide 3kg. dry powder fire extinguishers to ME specifications

[illegible]

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

Plot L. R. No.: _____

Location : **KIDONGO MOMBASA
COUNTY**

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

Signature

Subject :

WORKING DRAWINGS.

Consultancy :
ARPRIM CONSULTANTS
P.O BOX 12969-0040 NAIROBI
TEL: 020-884312/8
Website :www.arprimconsultants.com

Drawn by: TEDDY K. N. B. Arch. (Hons), Reg. A2067	Checked by :- F. TUNDULI B. Arch. (Hons) , M. Arch. (reg. No.A1552)	Checked by :- J. MOMANYI B. Arch. (Hons) , M. Arch. (reg. No.A1122)
Date: NOV 2023	Job No. 2023/Nov/KIDONGO	
Scale 1:100		

11. CONSTRUCTION OF KIDONGO FISH LANDING SITE

DRAWING NO 11 -001- 000

NO.	DRAWING/DOCUMENT	DRAWING NO	DRAWING SHEET	DRAWING FORMAT	DOCUMENT STATUS
PROJECT 11 ARCHITECTURAL DRAWINGS.					
F. POWER HOUSE					
23	FLOOR PLANS	11-001-F023	A1	PDF/DWG	PROVIDED
24	ELEVATIONS & SECTIONS	11-001-F024	A1	PDF/DWG	PROVIDED
25	ARCHICTECTURAL VISUALS	11-001-F025	A1	PDF/DWG	PROVIDED
26	DOOR & WINDOW SCHEDULES	11-001-F026	A1	PDF/DWG	PROVIDED
G. GATE HOUSE					
27	GATE HOUSE DRAWINGS	11-001-G027	A1	PDF/DWG	PROVIDED
H. BOUNDARY WALL					
28	BOUDARY WALL DRAWINGS	11-001-H028	A1	PDF/DWG	PROVIDED

NOTES:		
GENERAL		
1. All measurements are shown in millimetres.Measurements should not to be scaled off the drawing.		
2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.		
3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.		
CONSTRUCTION		
4. Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.		
5. All slab at grade to be poured on 100kgauge polyetheneen 50mm stone dust blinding on compacted hardcore.		
6. All soils under slab and around external foundation to be treated for termite control.		
7. Window cills must be finished before internal plastering		
CIVIL		
8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.		
STRUCTURAL		
9. All RC works to Structural Engineer's details.		
10. Depth of foundation to be determined on site to SE approval.		
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.		
MECHANICAL		
12. All plumbing and drainage to comply with the relevant approving local authority's specifications.		
13. All service ducts to be accessible from all floors.		
14. Deep seal or anti-vac to all fittings connected to the SVPs or waste pipes. All bends and junctions to have inspection plates.		
15. SVP to be provided at the head of the drainage.		
16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.		
17. All underground foul and waste drain pipes shall be UPVC and comply to BSS 4514 and S255. cast iron to comply to BS5 497 table f grade C except ones in the driveway which shall comply to BSS 556.		
18. All inspection chamber covers and frames shall be cast iron to comply to BSS 497 table g grade C except 19. Storm water drain shall comply to BSS 556.		
20. Minimum slopes to drains shall be 1%.		
21. No chasing will be allowed in the slabs for pipes. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.		
22. All testing of pipes must be completed before plastering.		
23. All mechanical works must be co-ordinated with electrical works. Any conflicts must be clarified before wok begins.		
ELECTRICAL		
24. All conduits must be laid before plastering.		
25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.		
FIRE		
26. Install water ring main with fire hydrant with 2.5" instantaneous coupling adapters		
27. Provide underground water tank with automatic electric booster pump for ring main		
28. provide automatic push button fire alarm system		
29. provide heat and smoke detectors in each room		
provide 9kg. dry powder fire extinguishers to ME specifications		
REVISIONS		
Project :		
PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT		
Plot L . R. No.:		
Location : KIDONGO MOMBASA COUNTY		
Client:		
STATE DEPARTMENT FOR FISHERIES AQUACULTURE AND THE BLUE ECONOMY		
Signature		
Subject :		
WORKING DRAWINGS.		
Consultancy :		
ARPRIM CONSULTANTS P.O BOX 12969-0040 NAIROBI Tel: 020-8844312/8 Website :www.arprimconsultants.com		
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Date:NOV 2023	Job No. /2023/Nov/KIDONGO	
Scale 1:100		



NOTES:

GENERAL

1. All measurements are shown in millimeters. Measurements should not be scaled off the drawing.
2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.

CONSTRUCTION

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

CIVIL
S. A. H.

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.

STRUCTURAL
0. All PC works

9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the relevant approving local authority's specifications.
13. All service ducts to be installed on all floors.
14. Deep seal or anti-vac to all fittings connected to the SPVs or waste pipes. All bends and junctions to have a protection plate.
15. SPV to be provided at the head of the drainage.
16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
17. All underground foul and waste drain pipes shall be UPVC and comply BS4541 and D2255. cast iron to comply to BS8549 table 6 grade C except ones in the driveway which shall comply to BS5556.
18. All inspection chamber covers and frames shall be cast iron to comply to BS8549 table 6 grade C except 19. 50mm water drain is to comply to BS5556.
20. Minimum slopes to drains shall be 1%.
21. No chasing will be allowed in the slabs for pipes. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.
22. All testing of pipes must be completed before plastering.
23. All mechanical works must be co-ordinated with electrical works. Any conflicts must be clarified before work begins.

ELECTRICAL
24. All conductors

24. All conduits must be laid before plastering.
25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.
- FIRE**
26. Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
27. Provide underground water tank with automatic electric booster pump for ring main
28. provide automatic push button fire alarm system
29. provide heat and smoke detectors in each room
- provide 5kg. dry powder fire extinguishers to ME specifications

REVISIONS

[illegible]

Project :

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

Location : **KIDONGO MOMBASA
COUNTY**

Client:

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

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

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Drawn by: PETER MOMANYI B. Arch. (Hons)	Checked by : - F. TUNDULI B. Arch. (Hons) , M. Arch. (reg. No.A1552)	Checked by : - J. MOMANYI B. Arch. (Hons) , M. Arch. (reg. No.A1122)
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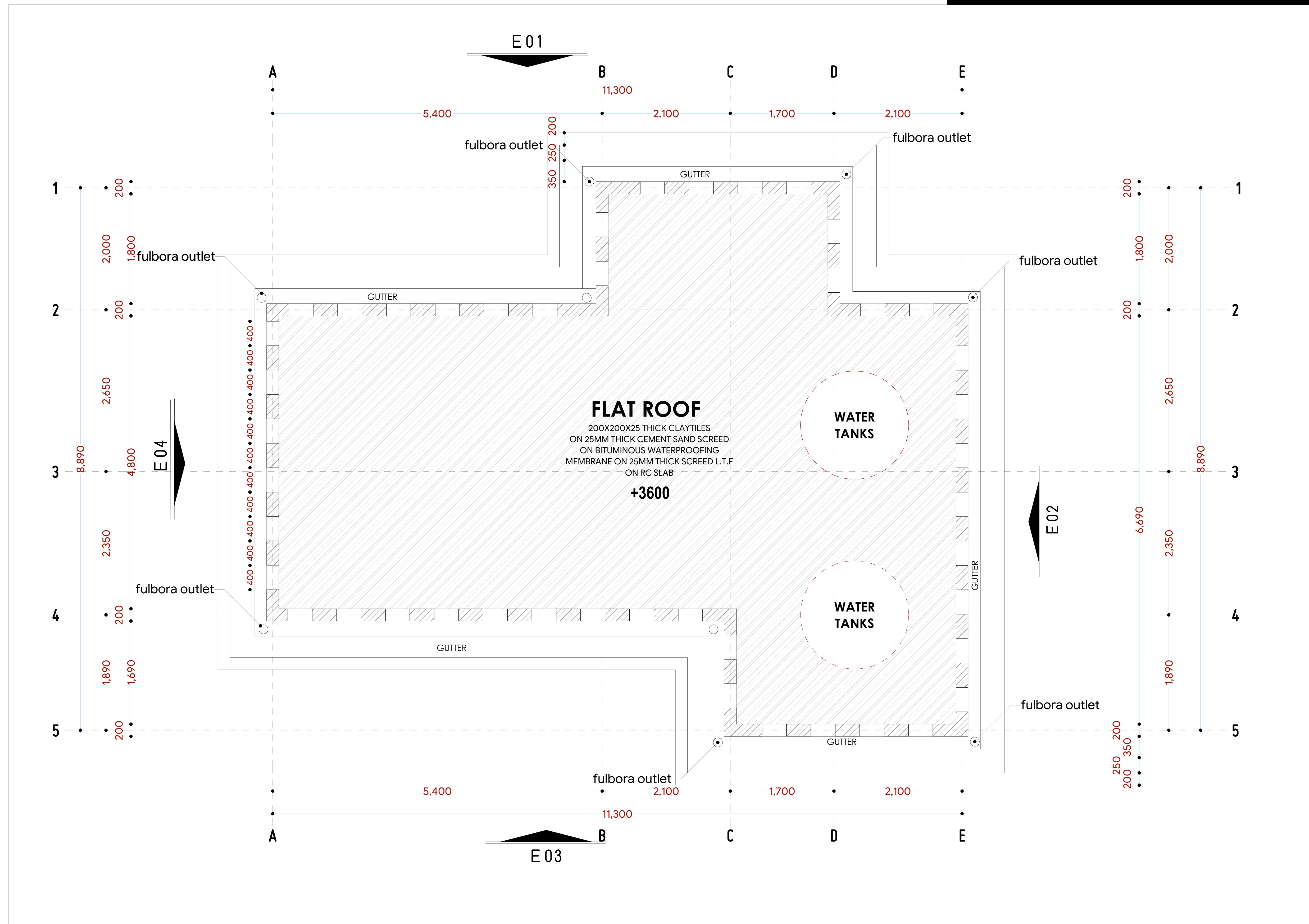
Date: NOV 2023	Job No. 11-001-001
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Scale 1:100

& ABLUTION BLOCK

K I D O N G O

ROOF FLOOR PLAN



NOTES:

GENERAL

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2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.

CONSTRUCTION

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

CML

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.

STRUCTURAL

9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the relevant approving local authority's specifications.
 13. Service ducts to be installed in all floors.
 14. Deep seal or anti-vac to all fittings connected to the SVPs or service pipes. All bends and junctions to have cast-in-place plates.
 15. SVP to be provided at the head of the drainage.
 16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
 17. All underground foul and waste drain pipes shall be UPVC and comply to BS8 4514 and 5255, cast iron to comply to BS8 497 table 6 grade C except ones in the basement which shall comply to BS8 497 table 6 grade D.
 18. All inspection chamber covers and frames shall be cast iron to comply to BS5 497 table 6 grade C except for storm water drain shall comply to BS5 556.
 19. Minimum slopes to drains shall be 1‰.
 20. No chasing will be allowed in the slabs for pipes.
 21. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.
 22. All testing of pipes must be completed before plastering.
 23. All mechanical works must be co-ordinated with electrical works. Any conflicts must be clarified before work begins.
- ELECTRICAL**
24. All conduits must be laid before plastering.
 25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

ELECTRICAL

24. All conduits must be laid before plastering .
25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.
- FIRE**
26. Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
27. Provide underground water tank with automatic electric booster pump for ring main
28. provide automatic push button fire alarm system
29. provide heat and smoke detectors in each room
provide 9kg. dry powder fire extinguishers to ME specifications

REVISIONS

[illegible]

Project :

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

KIDONGO FISH LANDING SITE

Plot L. R. No.:

Location : **KIDONGO**
MOMBASACOUNTY

Client:

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

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TEL: 020-884312/8
Website :www.arprimconsultants.com

own by:

ODY K. N.

Arch. (Hons)

g. No. A20

te: NOV 20

scale 1:100

Checked by : -

F. TUNDULI

B. Arch. (Hons)

, M. Arch.
(reg. No. A1552)

(reg. No. A1552)

Job No . 2023/m

DRAWING M

SECTION A-A

GENERAL

1. All measurements are shown in millimeters. Measurements should not be scaled off the drawing.
2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.

CIVIL
8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.

MECHANICAL

- 12. All plumbing and drainage to comply with the relevant approving local authority's specifications.
- 13. All service ducts to be accessible from all floors.
- 14. Deep seal or anti-vac to all fittings connected to the SVP's or waste pipes. All bends and junctions to have inspection plates.

23. All mechanical works must be co-ordinated with electrical works. Any conflicts must be clarified before work begins.

FIRE
26. Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors

REVISIONS

Project :

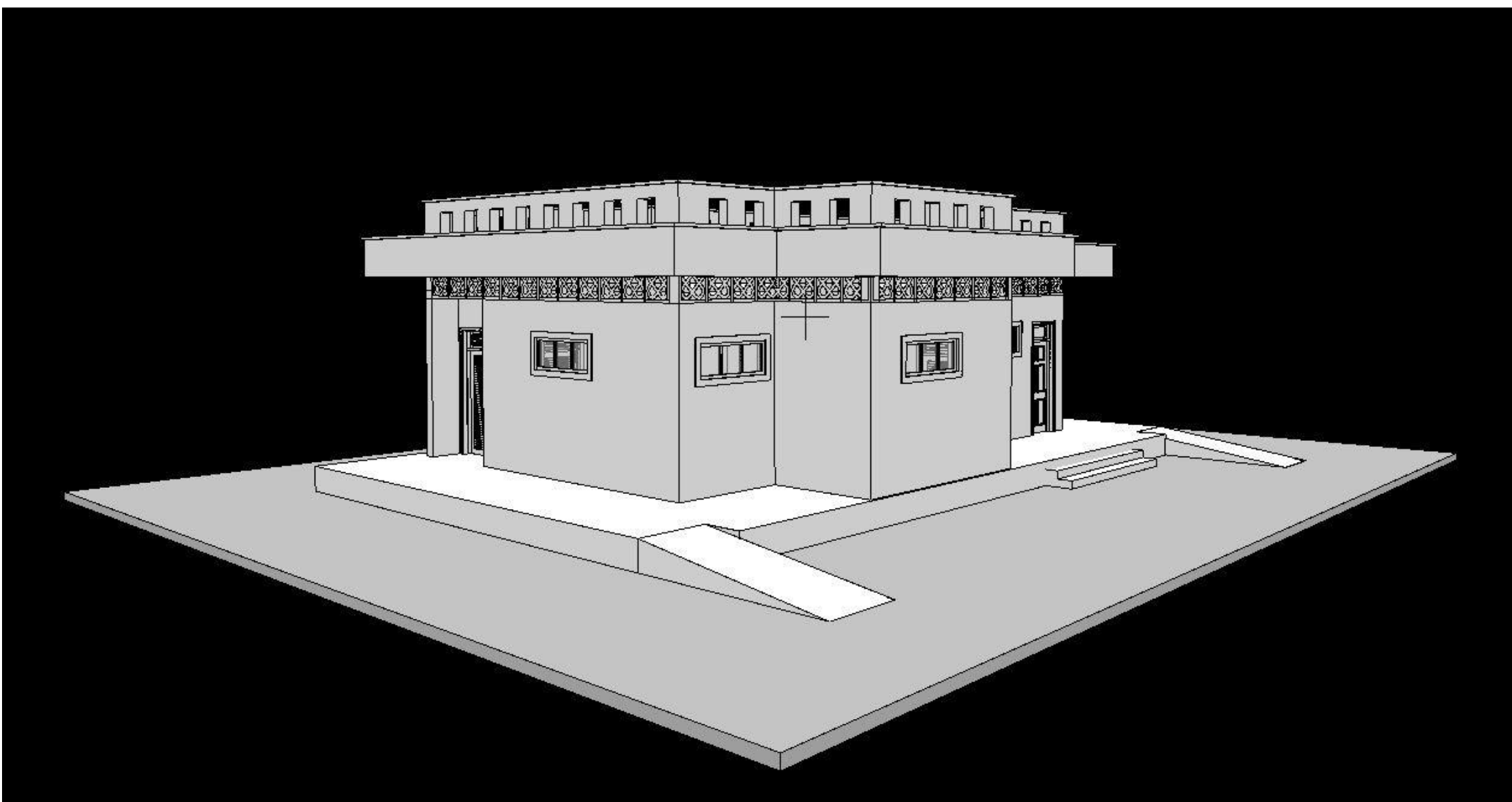
Plot L. R. No.: _____

subject :

Consultancy :

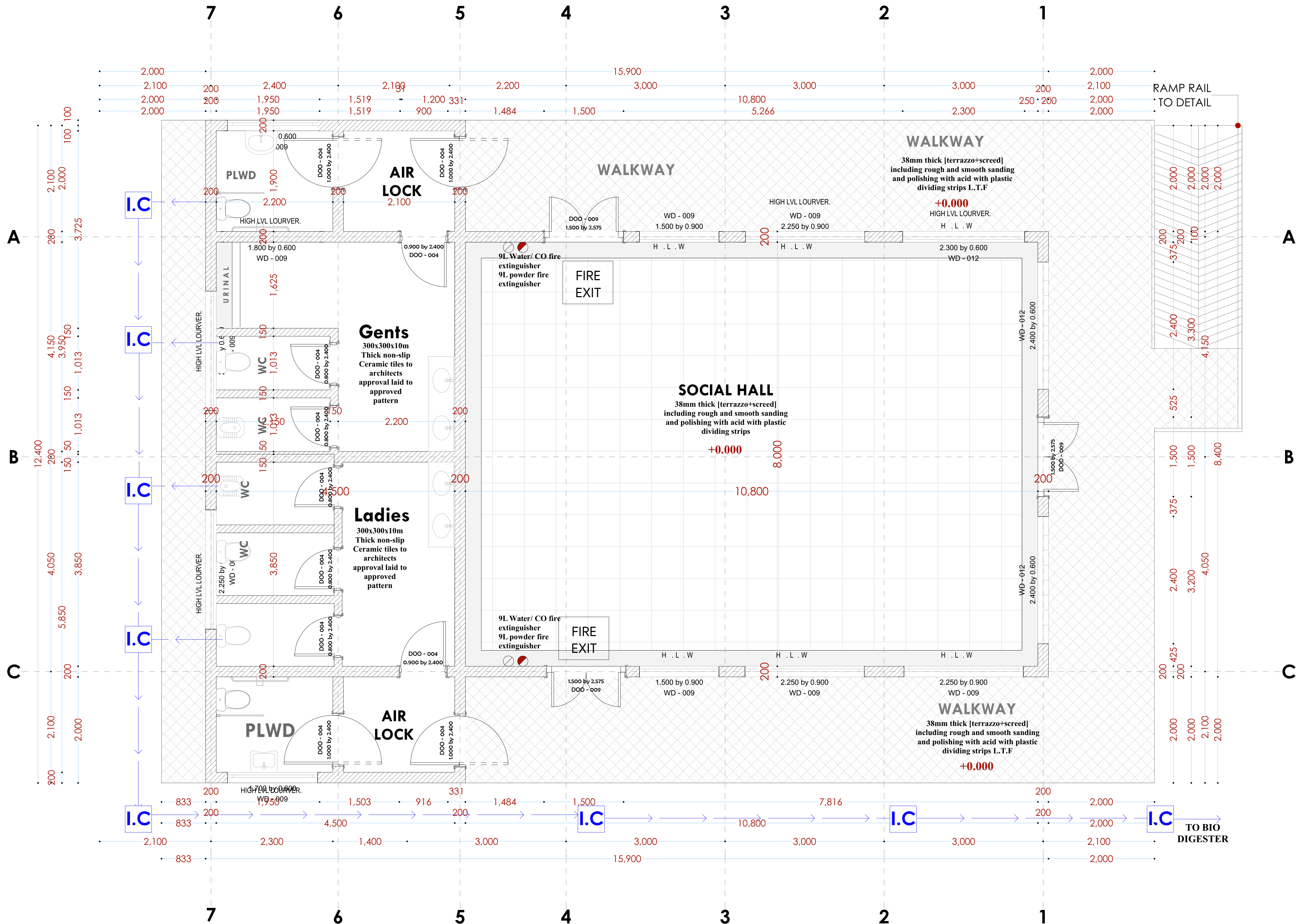
te: NOV 2023	Job No . 2023/Nov/Kidongo
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Scale 1:100 DRAWING NO. 11-001-A005



Social Hall
K I D O N G O

GROUND FLOOR PLAN



NOTES:

GENERAL

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 2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
 3. All dimensions should be read as per the floor plan and all discrepancies must be notified immediately to the design and confirmed by consulting the respective consultants' drawings.
- CONSTRUCTION**
1. Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground
 2. All slab at grade to be poured on 1000gauge polyethylene 50mm stone dust binding on compacted hardcore.
 3. All soils under slab and around external foundation to be treated for termite control.
 7. Window cills must be finished before internal plastering

CIVIL

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.
- STRUCTURAL**
9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the relevant current local authority's specifications.
13. All services to be installed in accordance with BS 6800 Part 1, all floors.
14. Deep seal or anti-vac to all fittings connected to the U/PVC or waste pipes. All bends and junctions to have inspection points.
15. SVP to be provided at the head of the drainage.
16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
17. All underground foul and waste drain pipes shall comply to BS 8549 table 6 grade C except ones in the basement.
18. All inspection chamber covers and frames shall comply to BS 8549 table 6 grade C except
19. 19. Storm water drains shall comply to BS 8549 table 6 grade A except
20. Minimum slopes to drains shall be 1%.
21. No chasing will be allowed in the slabs for pipes.
22. Sleeves will be allowed in the slabs with the written approval from the Structural Engineer.
23. All testing of pipes must be completed before plastering.
24. All mechanical works must be co-ordinated with electrical works. Any conflicts must be clarified before work begins.

ELECTRICAL

24. All conduits must be laid before plastering.
25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.
- FIRE**
26. Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
27. Provide underground water tank with automatic electric booster pump for ring main
28. provide automatic push button fire alarm system
29. provide heat and smoke detectors in each room
- provide 5kg. dry powder fire extinguishers to ME specifications

REVISIONS

[illegible]

Project :

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

Location : **KIDONGO MOMBASA
COUNTY**

Client :

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

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TEL: 020-884312/8
Website :www.arprimconsultants.com

own by:

DDY K N

Arch. (Hons),

Fig. A2067

ate: NOV 2023

scale 1:100

Checked by : -

F. TUNDULI

B. Arch. (Hons)

M. Arch.
Proc. No. A1552

reg. No. A1552

b No. 2023/Nov

WING NO. 11-

Social Hall
K I D O N G O

ROOF PLAN

GENERAL

CIVIL

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.

STRUCTURAL

9. All RC works to Structural Engineer's details.

10. Depth of foundation to be determined on site to SE approval.

11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

ELECTRICAL

24. All conduits must be laid before plastering.

25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

FIRE

26. Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors

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

28. provide automatic push button fire alarm system

29. provide heat and smoke detectors in each room

provide 9kg. dry powder fire extinguishers to ME specifications

[illegible]

Plot L. R. No.:

Location : **KIDONGO MOMBASA
COUNTY**

Signature

Subject :

Consultancy :
ARPRIM CONSULTANTS
P.O BOX 12969-0040 NAIROBI
TEL: 020-884312/8
Website : www.arprimconsultants.com

ate: NOV 2023 | Job No . 2023/Nov/KIDONGO

SECTION 01

GENERAL

1. All measurements are shown in millimeters. Measurements should not be scaled off the drawing.
2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the design and clarified by consulting the respective consultants' drawings.

CONSTRUCTION

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

CIVIL
8. All soils on cut embankment to be stabilized. The slope not to exceed the natural angle of repose of the soil.

STRUCTURAL
9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

- MECHANICAL
12. All plumbing and drainage to comply with the relevant approving local authority's specifications.
13. All services to be installed in accordance with all floors.
14. Deep seal or anti-vac to all fittings connected to the SVPs or waste pipes. All bends and junctions to have inspection plates.
15. SVP to be provided at the head of the drainage.
16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
17. All underground foul and waste drain pipes shall be 110K and comply to BS5 454 and S255, cast iron to comply with BS 595, 596 and 597 and to meet one of the driveway which shall comply to BS5 556.
18. All inspection chamber covers and frames shall be cast iron to comply to BS5 497 table 6 Grade C except for 19. Storm drain shall comply to BS5 556.
20. Minimum slopes to drains shall be 1:1.
21. No chasing will be allowed in the slabs for pipes.
22. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.
23. All testing of pipes must be completed before electrical works.
24. All mechanical works must be co-ordinated with electrical works. Any conflicts must be clarified before work begins.

ELECTRICAL

24. All conduits must be laid before plastering.

25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

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

Project

PROPOSED KENYA MARINE
FISHERIES AND SOCIO-ECONOMIC
DEVELOPMENT

Plot L. R. No.:

Location : **KIDONGO MOMBASA
COUNTY**

Client :

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject

WORKING DRAWINGS.

Consultancy

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P.O BOX 12969-0040 NAIROBI
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Drawn by:

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B. Arch. (Hons)
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F. TUNDULI
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, M. Arch.
(reg. No.A1552)

Date: NOV 202

23 Job No . 2023/Nov/KIDONGO

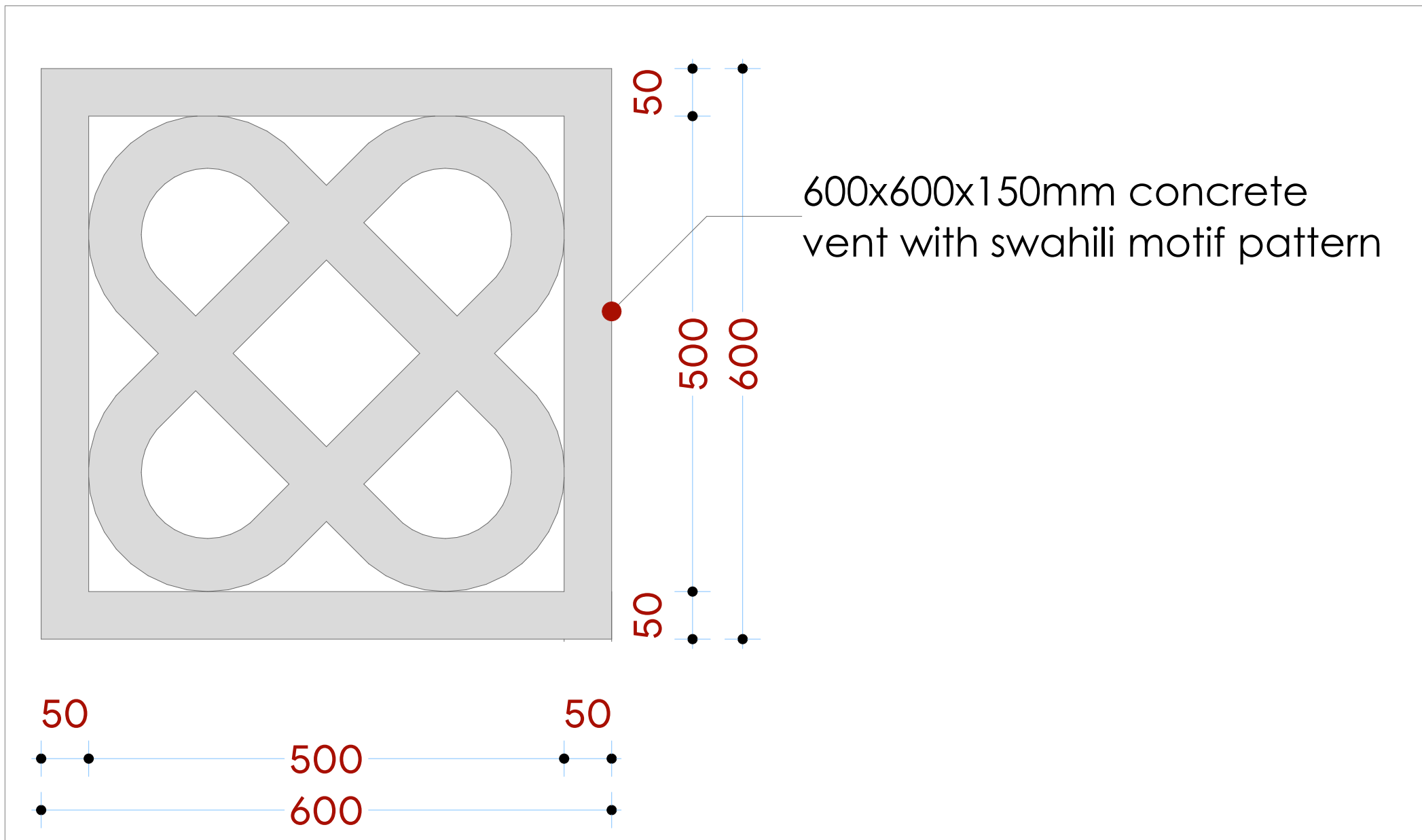
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DRAWING NO. 11-001-B011

Window Schedules

<p>(Window type W₀₀₁)</p>	<p>(Window type W₀₀₂)</p>	<p>(Window type W₀₀₃)</p>
<p>1000X600MM powder coated aluminium framed sliding windows complete with ironmongery, mullions, transomes, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips,couplings, sliding rails bars, window cills and window boards, quadrant & painted externally and internally; panes fixed with 6mm thick one way glass fixed with beadings.</p>	<p>16550X975MM powder coated aluminium framed sliding windows complete with ironmongery, mullions, transomes, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips,couplings, sliding rails bars, window cills and window boards, quadrant & painted externally and internally; panes fixed with 6mm thick one way glass fixed with beadings.</p>	<p>2400X875MM powder coated aluminium framed sliding windows complete with ironmongery, mullions, transomes, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips,couplings, sliding rails bars, window cills and window boards, quadrant & painted externally and internally; panes fixed with 6mm thick one way glass fixed with beadings.</p>
<p>SOCIAL HALL 4 N O .</p>	<p>SOCIAL HALL 2 N O .</p>	<p>GENTS & LADIES WASHROOM 2 N O .</p>

Swahili Vent block det.



NOTES:

GENERAL

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2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.

CONSTRUCTION

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

CML

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.

STRUCTURAL
E. A. LEE

9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL
12. All work

12. All plumbing and drainage to comply with the relevant standards and codes of practice.
13. All service ducts to be accessible from all floors.
14. Deep seal or anti-vapour to all fittings connected to the drains or waste pipes.
15. All drains and vents. All bends and junctions to have inspection plates.
16. SVP to be provided at the head of the drainage.
17. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
18. All underground foul and waste drain pipes shall be cast iron or UPVC and comply to BS5 454 and 5255. Cast iron to comply to BS 685, suitable 6 grade C except ones in the basement.
19. All BS 685 chamber covers and frames shall be cast iron to comply to BS5 447 table 6 grade C except ones in the basement.
20. Minimum slopes to drains shall be:
 - 1.50m vertical to 100mm horizontal = 1:50
 - 2.00m vertical to 100mm horizontal = 1:55
 - 2.50m vertical to 100mm horizontal = 1:60
21. No chasing will be allowed in the slabs for pipes.
22. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.
23. All testing of pipes must be completed before plastering.
24. All mechanical works must be co-ordinated with the electrical works. Any conflicts must be clarified before work commences.

ELECTRICAL

25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

FIRE

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

REVISIONS

[illegible]

Project :

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

Location : **KIDONGO MOMBASA
COUNTY**

Client :

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

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

ARPRIM CONSULTANTS
P.O BOX 12969-0040 NAIROBI
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rawn by

DDY K. N.

Arch. (Hon)

g. A2087

NOV 20

Checked by :

F. TUNDULI

B. Arch. (H
A4 Arch

(reg. No. A

b No. 202

Checked by _____

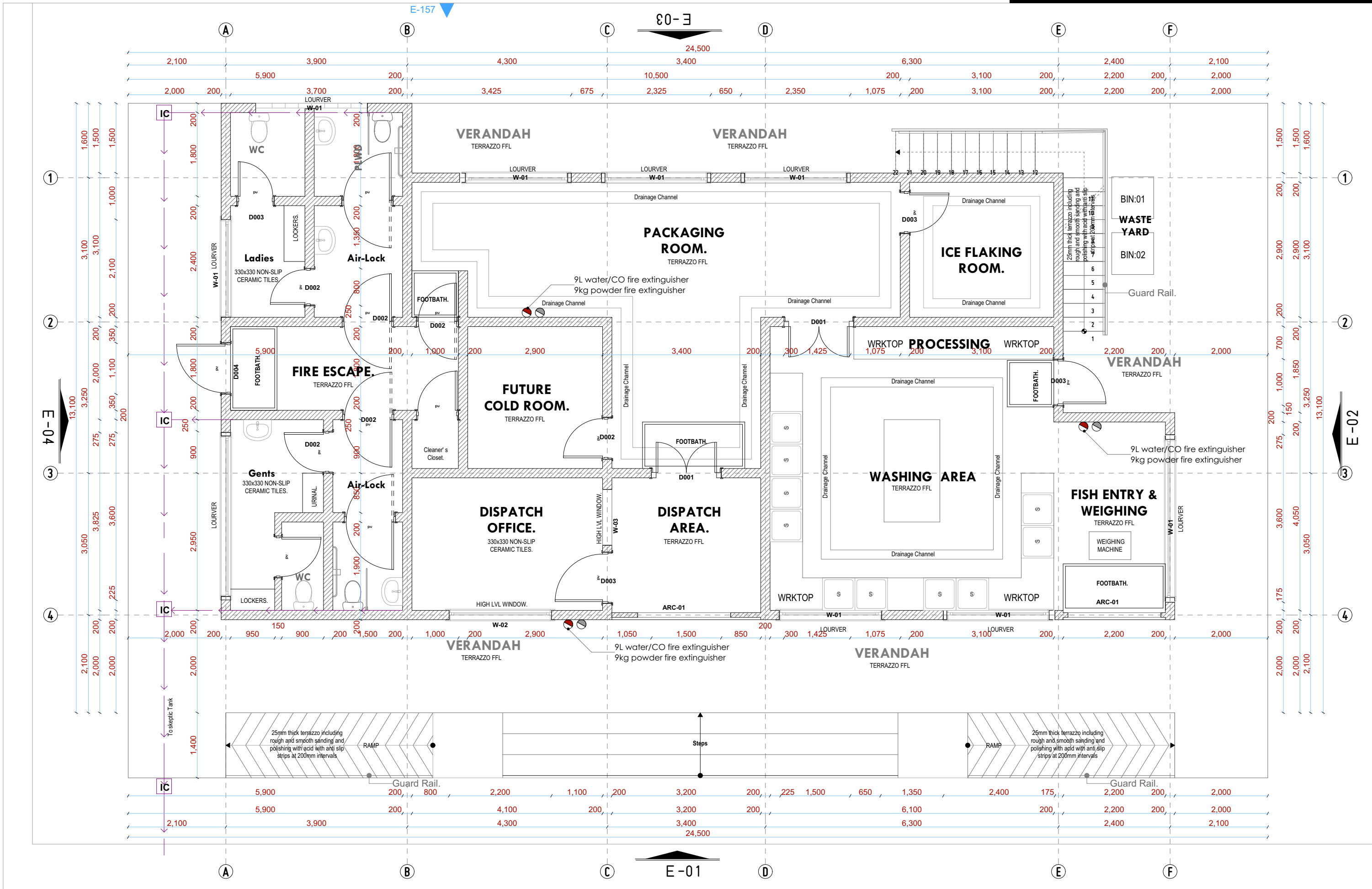
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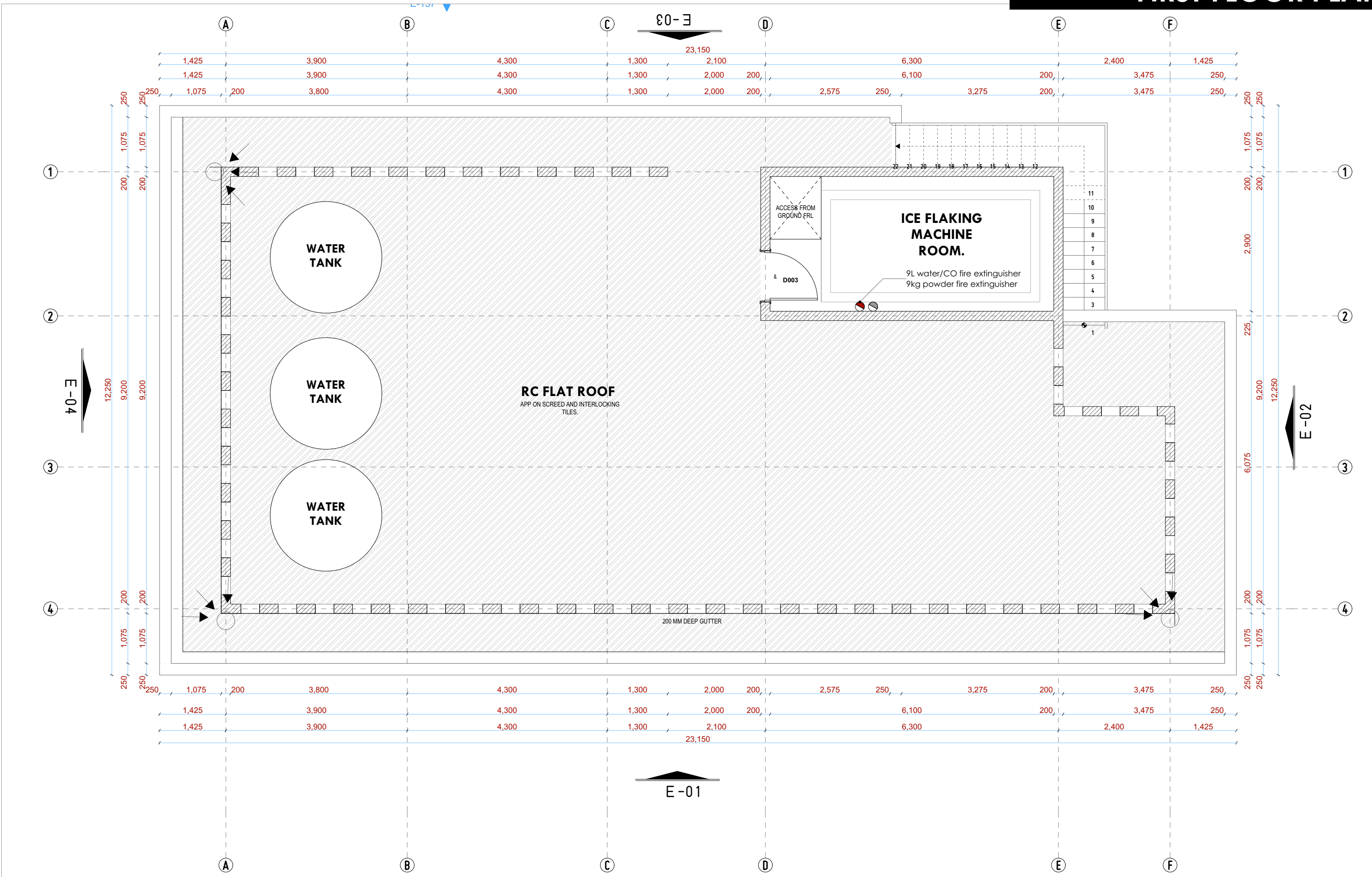
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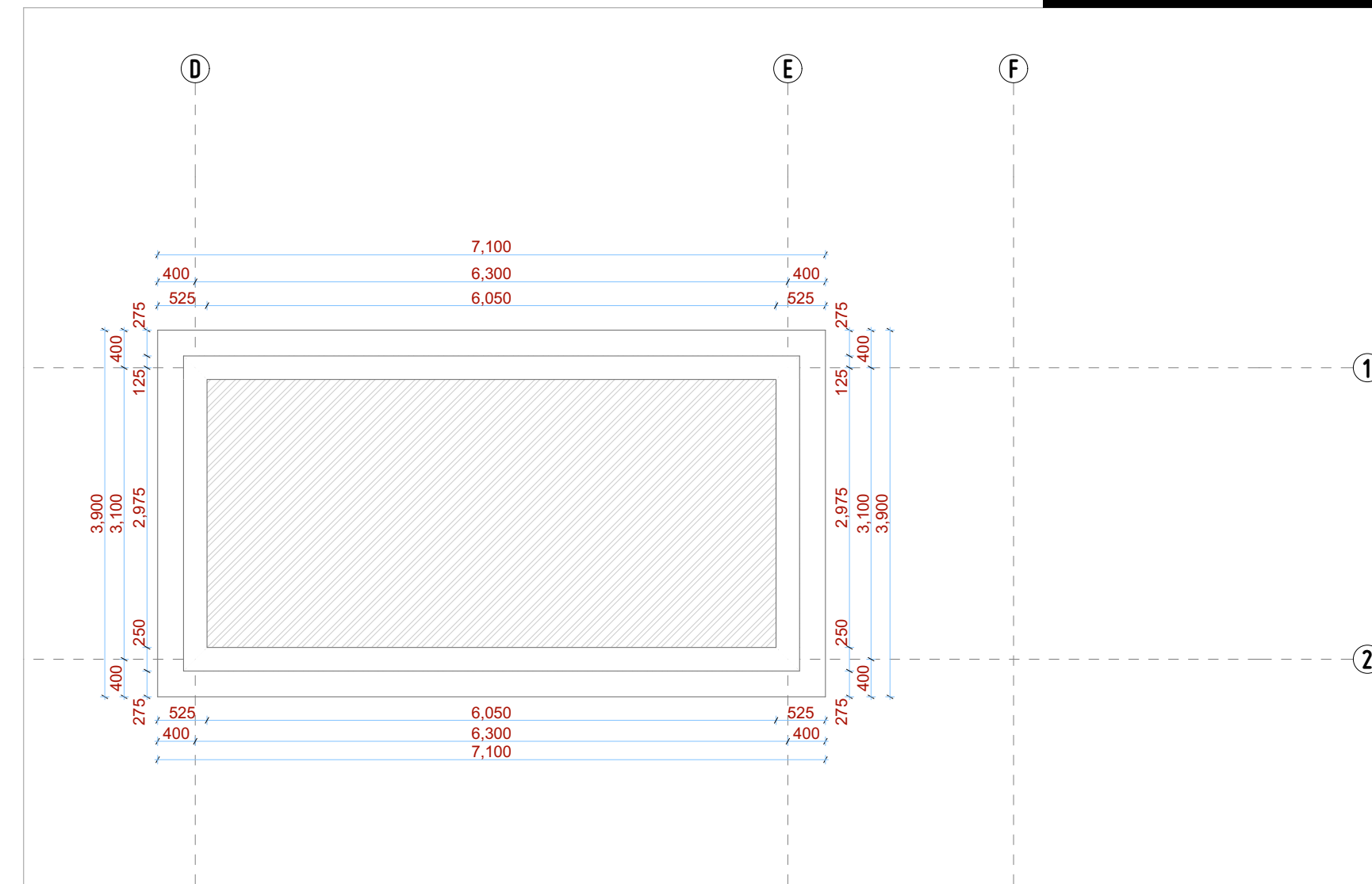
GROUND FLOOR PLAN



FIRST FLOOR PLAN



ROOF PLAN



NOTES:

GENERAL

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 - 2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
 - 3. All dimensions should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.
- CONSTRUCTION**
- 4. Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
 - 5. All slab at grade to be poured on 1000gauge polythene 50mm stone dust blinding on compacted hardcore.
 - 6. All soils under slab and around external foundation to be treated for termite control.
 - 7. Window cills must be finished before internal plastering

STRUCTURAL

9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the relevant approved local authority's specifications.
13. Service ducts to be installed on all floors.
14. Deep seal or anti-vac to all fittings connected to the SVPs or waste pipes. All bends and junctions to have cast-in place plates.
15. SVP to be provided at the head of the drainage.
16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
17. Underground drainage pipes shall be cast in place UPVC and comply to BS5 4514 and S255. Cast iron to comply to BS5 497 table 6 grade C except ones in the slabs which shall comply to BS5 497 table 6 grade C.
18. All inspection chamber covers and frames shall be cast iron to comply to BS5 497 table 6 grade C except
19. Storm drain water shall comply to BS5 556.
20. Minimum slopes to drains shall be 1%.
21. No chasing will be allowed in the slabs for pipes.
22. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.
23. All fitting of pipes must be completed before plastering.
24. All mechanical works must be co-ordinated with electrical works. Any conflicts must be clarified before work begins.

ELECTRICAL

24. All conduits must be laid before plastering.
25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.
- FIRE**
26. Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
27. Provide underground water tank with automatic electric booster pump for ring main
28. provide automatic push button fire alarm system
29. provide heat and smoke detectors in each room
- provide 9kg. dry powder fire extinguishers to ME specifications

REVISIONS

[illegible]

Project :

**PROPOSED KENYA MARINE
FISHERIES AND SOCIO-ECONOMIC
DEVELOPMENT**

Plot L. R. No.:

Location : **KIDONGO MOMBASA
COUNTY**

Client :

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

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

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Drawn by:

EDDY K. N.

Arch. (Hons),
1984-1985

eg. A2067

ate: NOV 2023

cale 1:100

Checked by : -

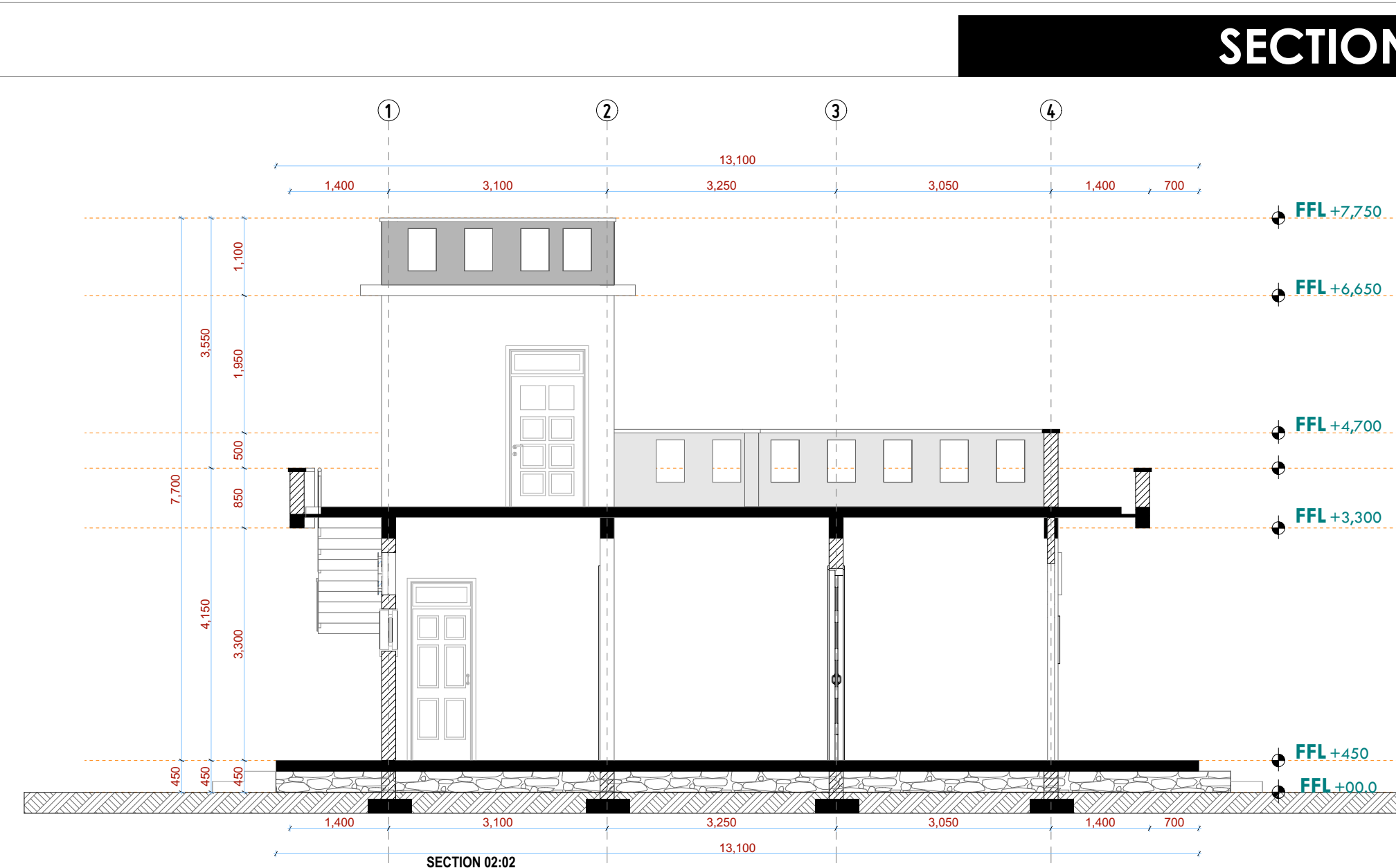
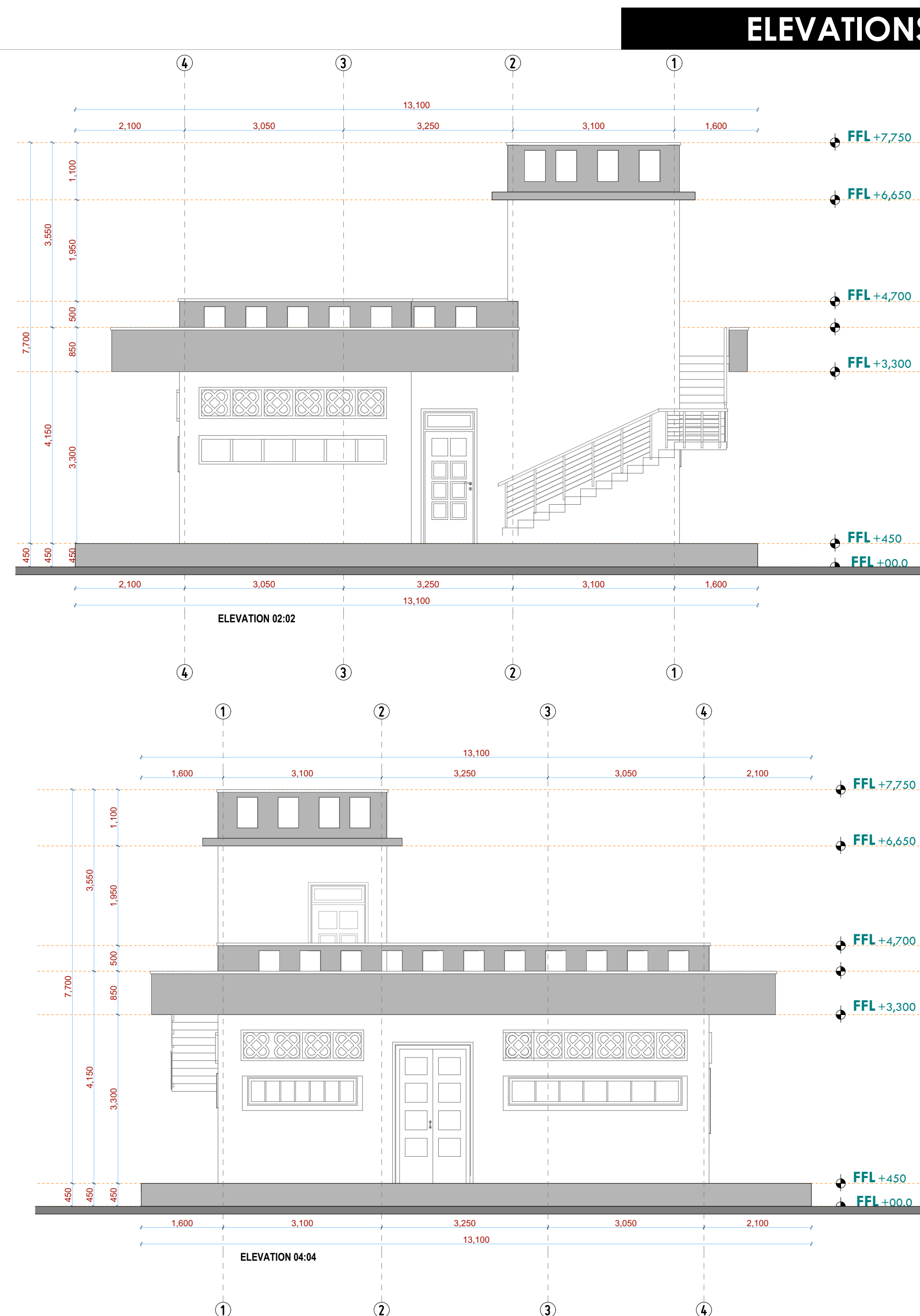
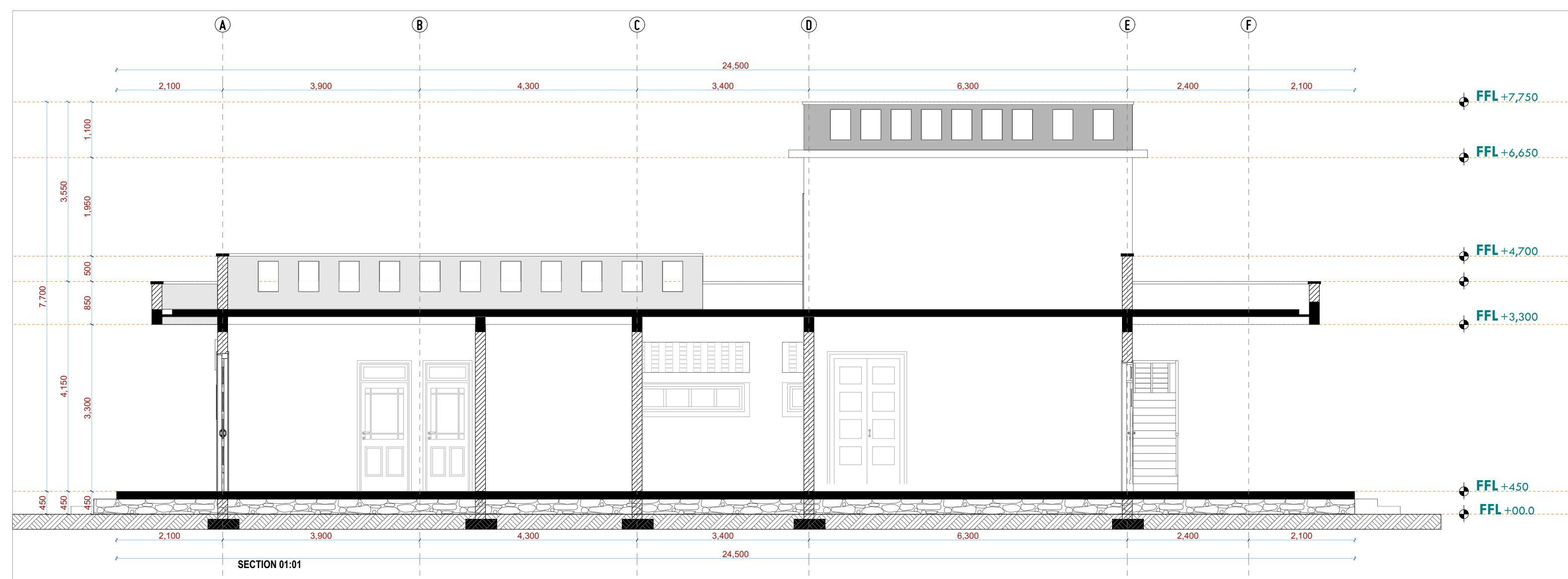
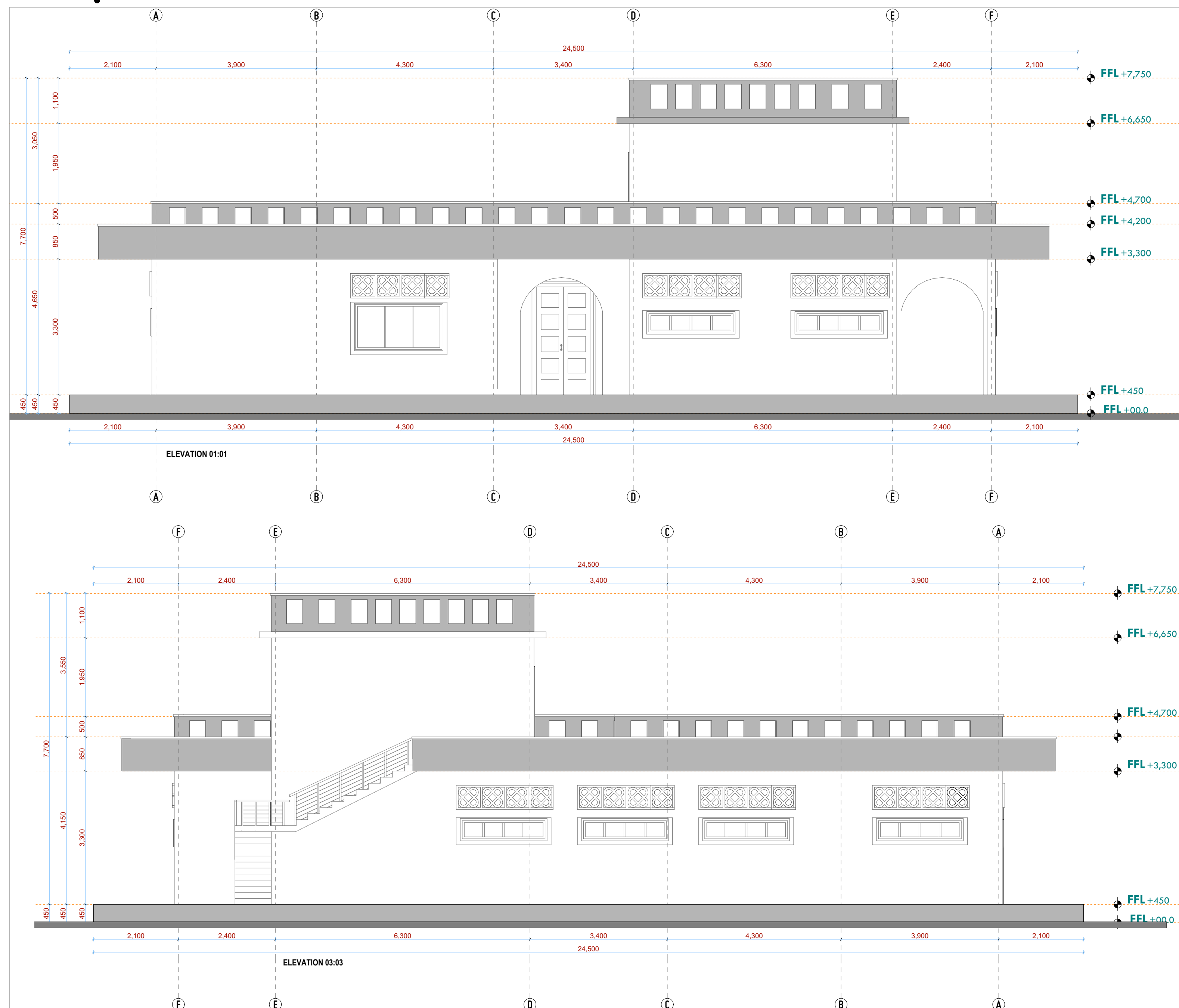
F. TUNDULI

B. Arch. (Hon)

(reg. No. A1:

Job No. 2023

Drawing no.



ELEVATIONS

SECTION

NOTES:

GENERAL

1. All measurements are shown in millimeters. Measurements should not be scaled off the drawing.
2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.

CONSTRUCTION

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

CIVIL
8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.

STRUCTURAL

9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

16. All plumbing and drainage to comply with the relevant approving local authority's specifications.
17. All service ducts to be accessible from all floors.
18. Deep seal and cast in situ with all fittings connected to the SVPs or waste pipes. All bends and junctions to have inspection plates.
19. SVP to be provided at the head of the drainage.
20. Drain pipes beneath pantheil basins and driveways to be encased in 150mm concrete surround.
21. All underground floor and waste drain pipes shall be cast in concrete to BS5 497 table 6 grade C except in the driveway which shall comply to BS5 556.
22. All inspection chambers and manholes shall be cast in concrete to comply to BS5 497 table 6 grade C except in storm water drainage which shall comply to BS5 556.
23. Minimum slopes for all drains shall be as follows:
 - a. 1 in 40
 - b. 1 in 60
24. No chasing will be allowed in the slabs for pipes.
25. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.
26. All testing of pipes must be completed before plastering.
27. All mechanical works must be co-ordinated with electrical works. Any conflicts must be clarified before work begins.

ELECTRICAL

25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

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

REVISIONS

[illegible]

Project :

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

Location :	KIDONGO MOMBASA COUNTY
------------	-----------------------------------

Client :

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

ARPRIM CONSULTANTS
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Date: NOV 202

Job No. 2023/Nov/KIDONGO

Scale 1:100

Drawing no. 12-001-C015

DOOR & WINDOW SCHEDULE

WINDOW DESIGN					
		W-01	W-02	W-03	ARCH-01
		9 N0	1 N0	1 N0	2 N0
		FISH BANDA	FISH BANDA/DISPATCH OFFICE	FISH BANDA/DISPATCH OFFICE	FISH BANDA
		SPECIFICATIONS	powder coated aluminium framed sliding windows complete with ironmongery, mullions, transomes, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips,couplings, sliding rails bars, window cills and window boards, quadrant & painted externally andinternally; panes fixed with 6mm thick one way glass fixed withbeadings.	powder coated aluminium framed sliding windows complete with ironmongery, mullions, transomes, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips,couplings, sliding rails bars, window cills and window boards, quadrant & painted externally andinternally; panes fixed with 6mm thick one way glass fixed withbeadings.	powder coated aluminium framed sliding windows complete with ironmongery, mullions, transomes, railing and necessary intermediate reinforcement elements including all weather strips, rubber glazing strips,couplings, sliding rails bars, window cills and window boards, quadrant & painted externally andinternally; panes fixed with 6mm thick one way glass fixed withbeadings.

DOOR LEAF DESIGN					
		D003	D001	D002	D004
		7 NO	3 NO	4 NO	1 NO
		FISH BANDA	FISH BANDA	FISH BANDA	FISH BANDA
		DESCRIPTION	900 x 2400x50mm thick mvule louvred Single leaf door comprising of 50x3mm louvres set at 45 degrees at 50mm centres , solid blocking for iron mongery (m/s) .	1500 x 2400x50mm thick mvule louvred double leaf door comprising of 50x3mm louvres set at 45 degrees at 50mm centres , solid blocking for iron mongery (m/s) .	1100 x 2400x50mm mvule panelled double acting door: comprised of 200 x 50mm thick stiles, top and middle rail: 200 x 50mm thick bottom rail ;solid blocking to iron mongery (m/s) to door

NOTES

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 3. All dimensions are to be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.
- CONSTRUCTION**
4. Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
 5. All slab at grade to be poured on 100mm gauge polyethene 50mm stone dust binding on compacted hardcore.
 6. All soils under slab and around external foundation to be treated for termite control.
 7. Window cills must be finished before internal plastering

CML

8. All soils on cut embankment to be stabilized. The slope not to exceed the natural angle of repose of the soil.
- STRUCTURAL**
9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the relevant standards of the SANS 10400 series.
13. All service ducts to be accessible from all floors.
14. Deep seal or anti-vac to all fittings connected to the SVPs or waste pipes. All bends and junctions to have a minimum 100mm radius.
15. SVP to be provided at the head of the drainage.
16. Drain pipes passing between buildings and driveways to be installed at 150mm from the building face.
17. Underground foul and waste drain pipes shall be UPVC and comply to BS5141 and S255. Cast iron shall comply to BS897 table 6 grade C except ones in the storm water system shall comply to BS556.
18. All inspection chamber covers and frames shall be cast iron to comply to BS897 table 6 grade C except ones in the storm water drain shall comply to BS556.
19. Storm water drain shall comply to BS556.
20. All manholes to be Minimum 1000mm dia.
21. No chasing will be allowed in the slabs for pipes.
22. Sleeves will be allowed in the slabs with the written approval of the Engineer.
23. All testing of pipes must be completed before plastering.
24. All mechanical works must be co-ordinated with the electrical works. Any conflicts must be clarified before works begins.

ELECTRICAL

24. All conduits must be laid before plastering.
25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.
- FIRE**
26. Instal water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
27. Provide underground water tank with automatic electric booster pump for ring main
28. provide automatic push button fire alarm system
29. provide heat and smoke detectors in each room
provide 9kg. dry powder fire extinguishers to ME specifications

REVISIONS

[illegible]

Project

**PROPOSED KENYA MARINE
FISHERIES AND SOCIO-ECONOMIC
DEVELOPMENT**

Plot L. R. No.:

Location : **KIDONGO MOMBASA
COUNTY**

Client :

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

Signature

Subject

WORKING DRAWINGS

Consultancy

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P.O BOX 12969-0040 NAIROBI
TEL: 020-884312/8
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Drawn by:

EDDY K. N.
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Reg. A2067

Checked by :

F. TUNDULI B. Arch. (Hons) , M. Arch. (reg. No.A1552)	J. MOMANY B. Arch. (Hon , M. Arch. (reg. No.A11
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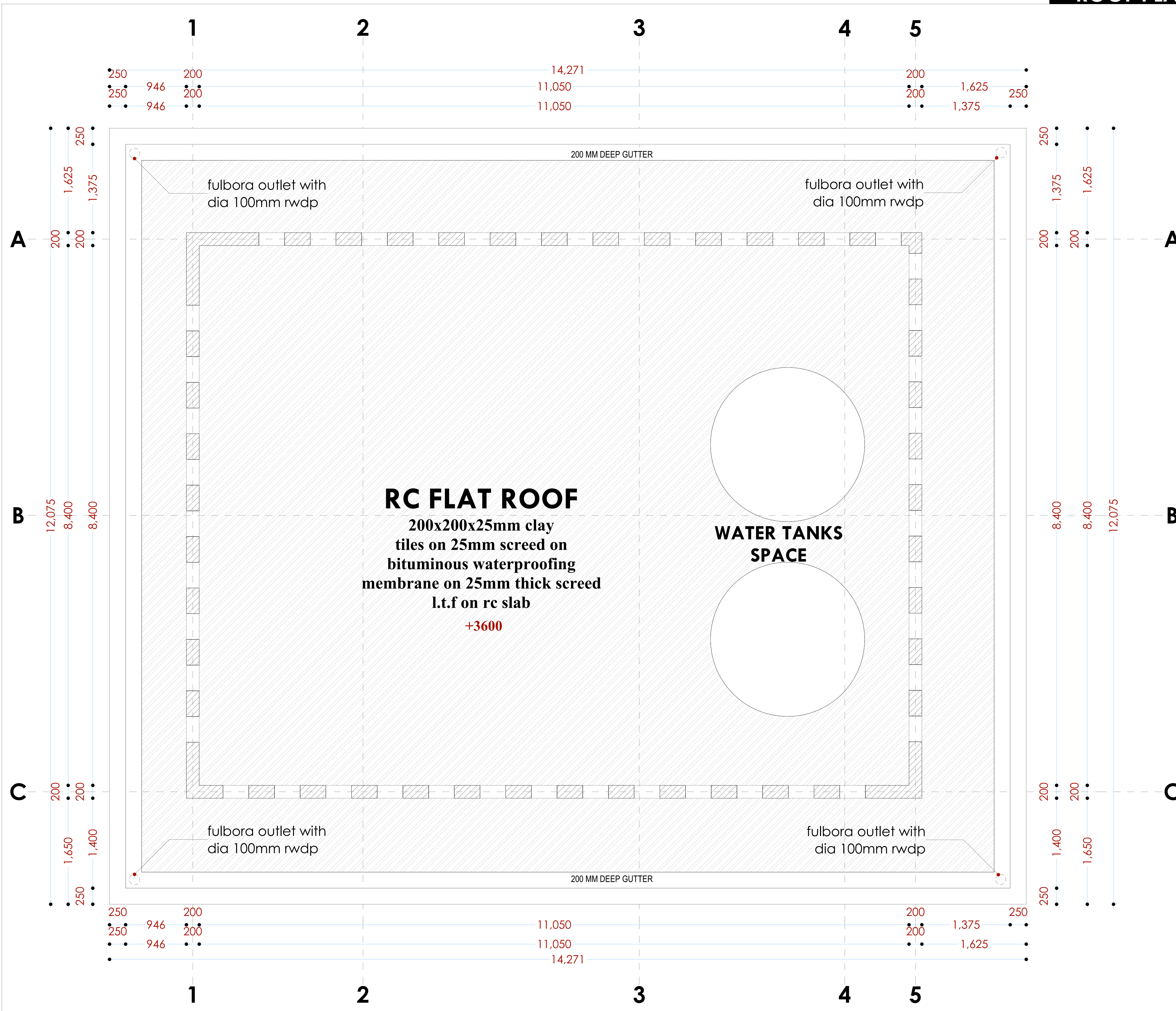
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Job No . 2023/Nov/KIDONGCO

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Drawing no. 12-001-C017

ROOF PLAN



NOTES:

GENERAL

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 2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
 3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.
- CONSTRUCTION**
4. Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
 5. All slab at grade to be poured on 1000gauged polyethene 50mm stone sand blinding on compacted hardcore.
 6. All soils under slab and around external foundation to be treated for termite control.
 7. Window cills must be finished before internal plastering

CMI

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.
- STRUCTURAL**
9. All RC works to Structural Engineer's details.
 10. Depth of foundation to be determined on site to SE approval.
 11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the current approved local authority's specifications.
13. All service ducts to be installed in the floor.
14. Deep seal or anti-vac – to all fittings: connected to the SVPs or waste pipes. All bends and junctions to have inspection plates.
15. SVP to be provided at the head of the drainage.
16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
17. All underground drainage pipes and SVPs shall be UPVC and comply to BS5 4514 and 5255, cast steel to BS85 497 table 6 grade C except in the driveway which shall comply with table 6 grade C.
18. All inspection chamber covers and frames shall be cast steel to comply to BS5 497 table 6 grade C except in driveway.
19. Storm water drain shall comply to BS5 556.
20. Minimum slopes to drains shall be 1:100.
21. No chasing will be allowed in the slabs for pipes.
22. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.
23. All testing of pipes must be completed before plastering.
24. All mechanical works must be co-ordinated with electrical works. Any conflicts shall be clarified before work begins.

ELECTRICAL

24. All conduits must be laid before plastering.
25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

FIRE

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

REVISIONS

[illegible]

Project :

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

Location :	KIDONGO MOMBASA COUNTY
------------	-----------------------------------

Client :

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

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Reg. A2067

Checked by : -

F. TUNDULI
B. Arch. (Hons)
M. Arch.

Date: NOV 2023

023	Job No. 2023/Nov/KIDONGO
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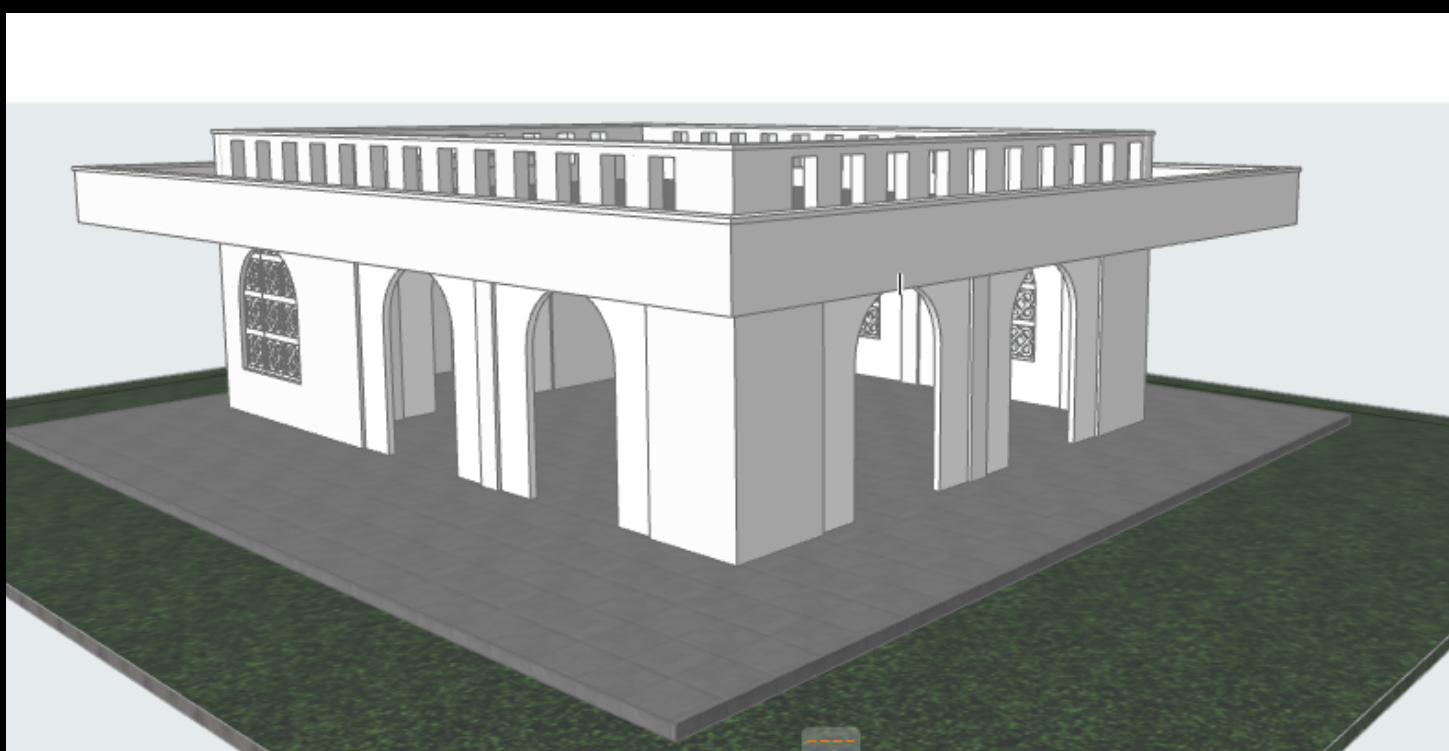
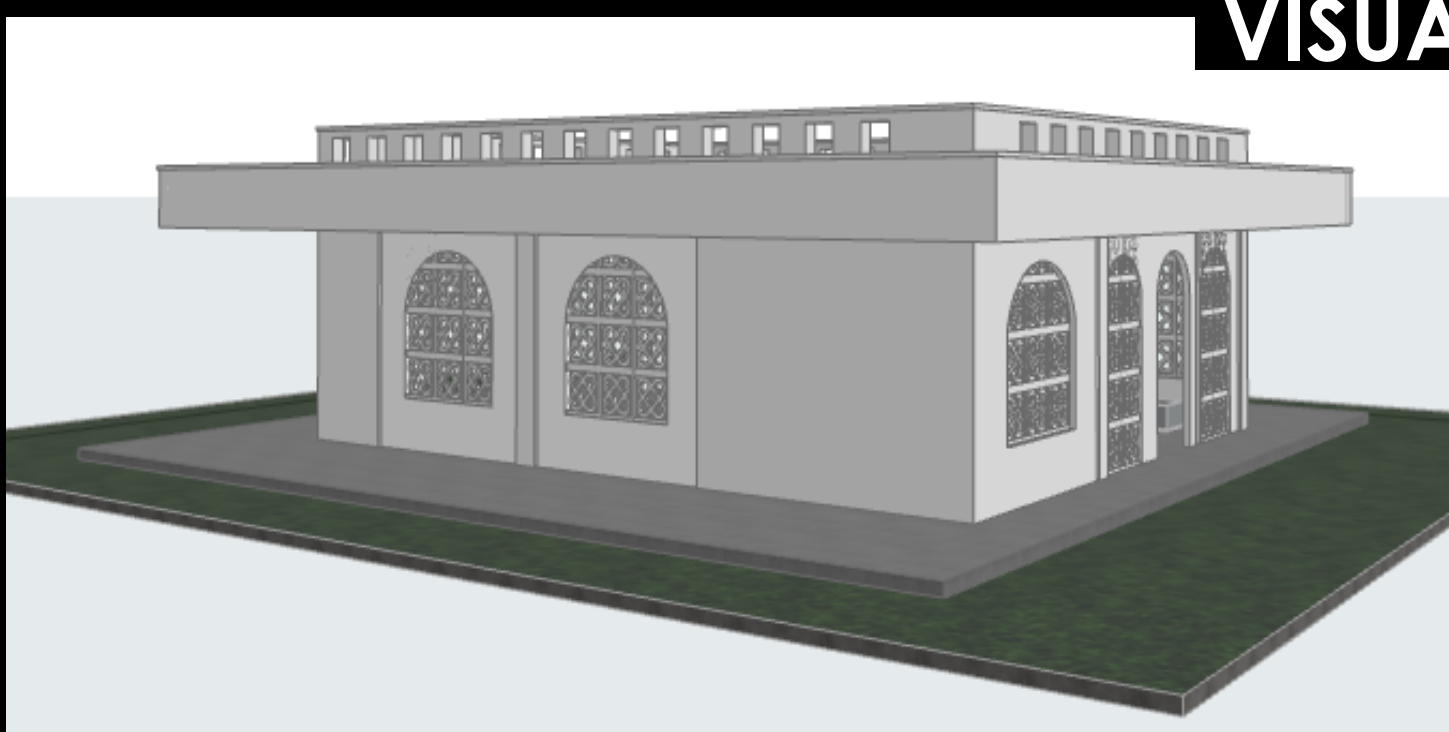
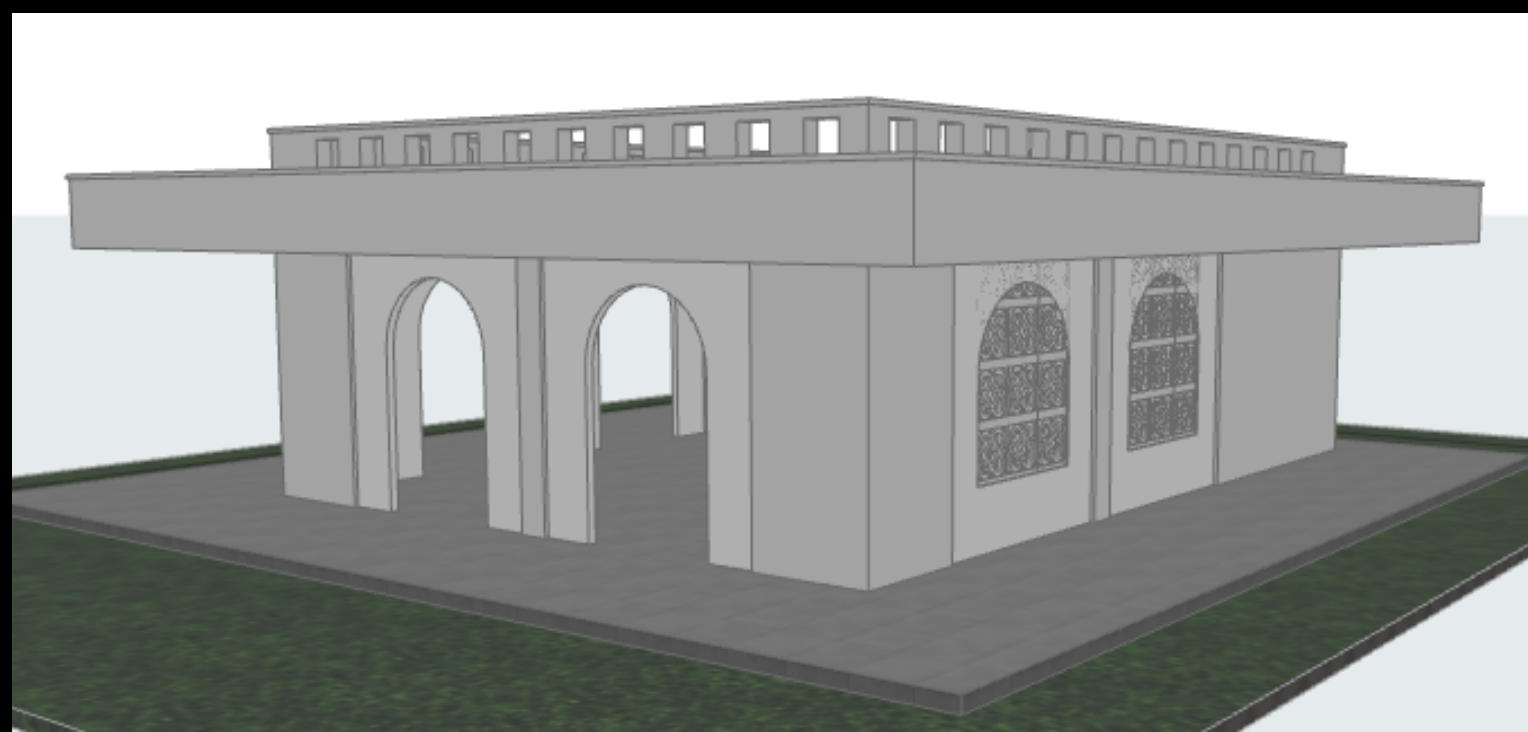
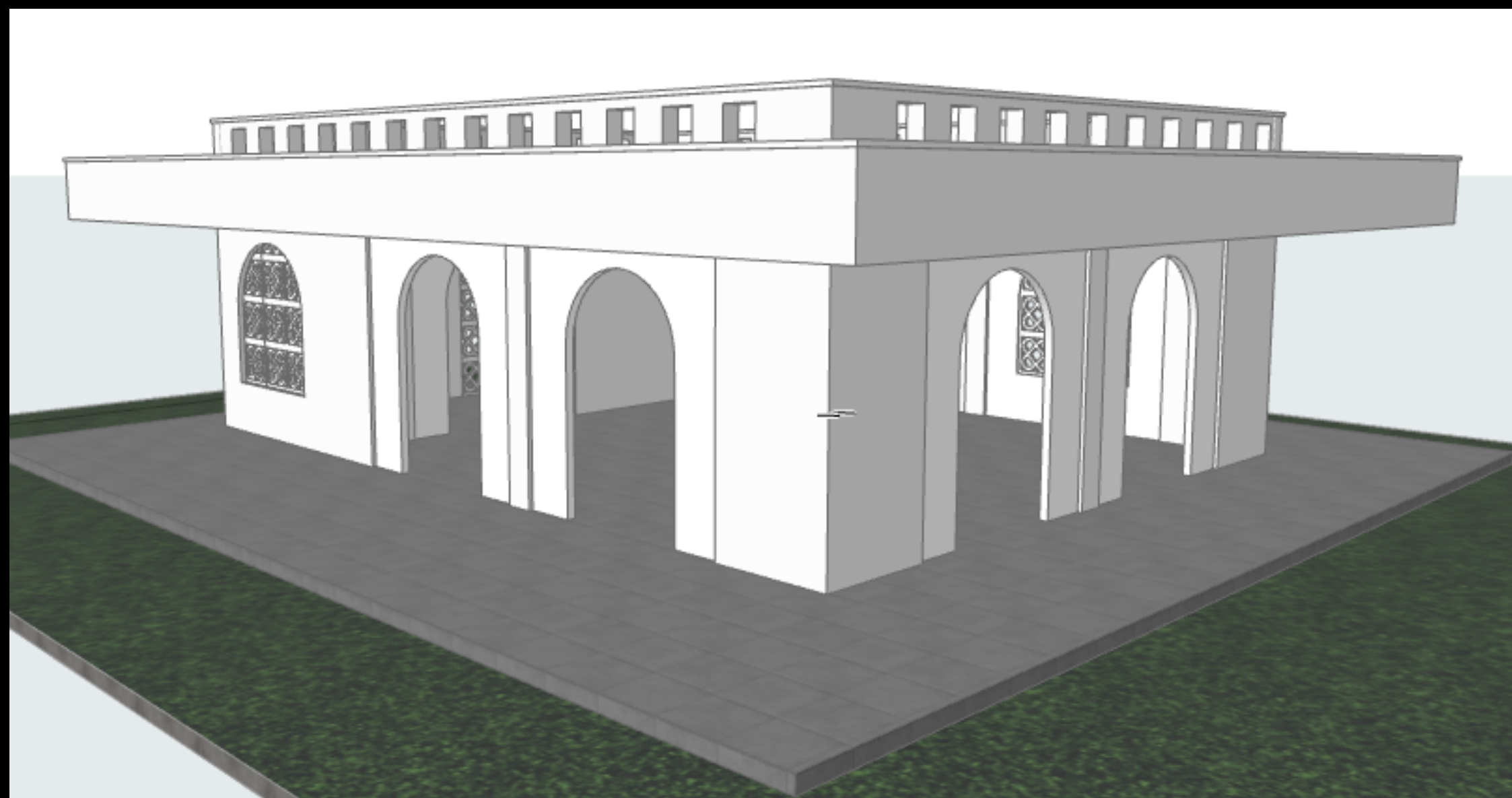
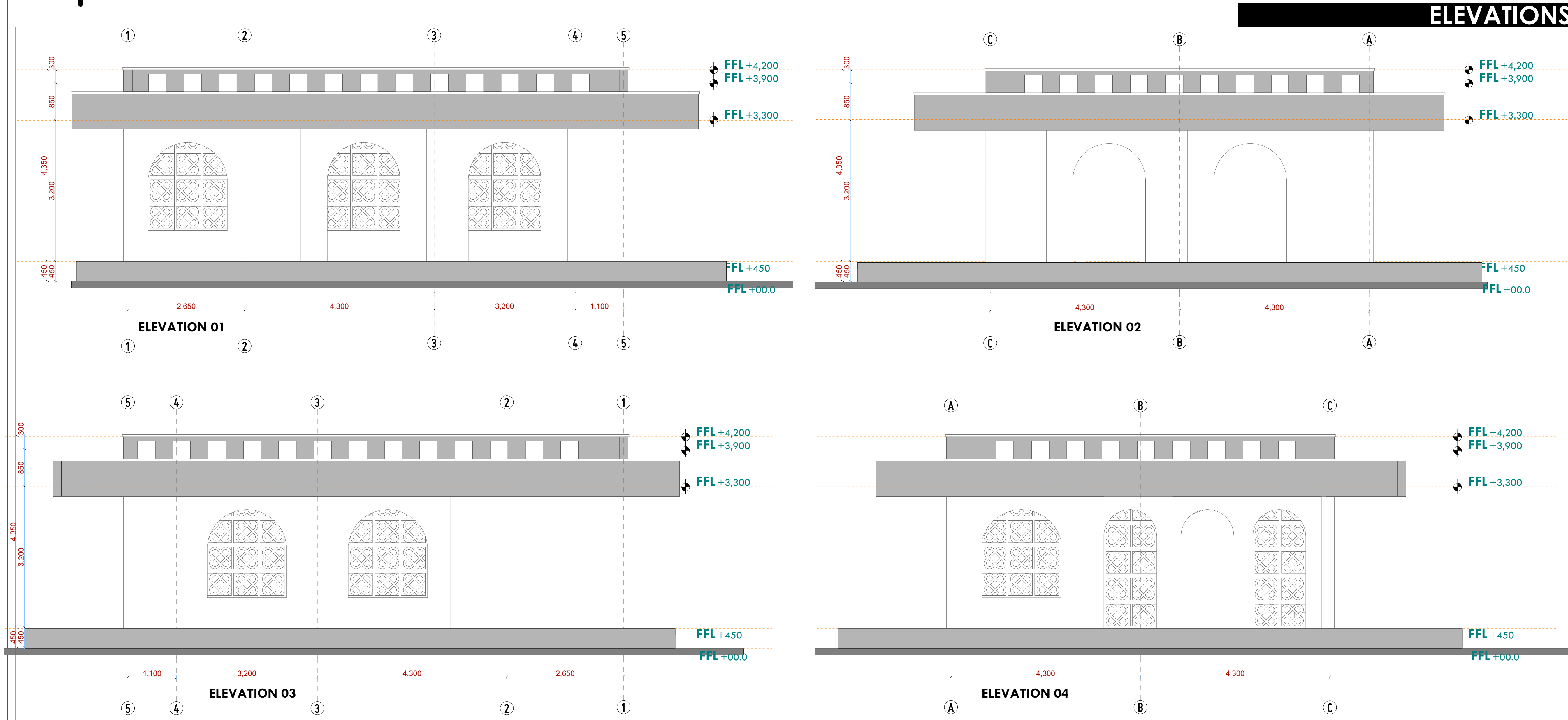
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DRAWING NO. 11-001-D019

11.D Fish Landing Site

Fish Gear Mending Shed

K I D O N G O



VISUALS

NOTES:

GENERAL

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 2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
 3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.
- CONSTRUCTION**
4. Damp proof course must be provided under all external walls at grade. DPC to be minimum 1500mm above ground level.
 5. All slab at grade to be poured on 100mm gauge polythene 50mm stone dust binding on compacted hardcore.
 6. All soils under slab and around external foundation to be treated for termite control.
 7. Window sills must be finished before internal plastering

CIVIL
8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.

STRUCTURE

9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICA

12. All plumbing and drainage to comply with the relevant approved local authority's specifications.
13. All services to be installed in the floor.
14. Deep seal or anti-vac to all fittings connected to the SVPs or waste pipes. All bends and junctions can be inspected visually.
15. SVP to be provided at the head of the drainage.
16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
17. All underground drains to be cast in concrete and be UPVC and comply with BS8 4514 and S255. cast iron to comply to BS8 497 table 6 grade C except in the case of storm drains.
18. All inspection chamber covers and frames shall be cast iron to comply to BS8 497 table 6 grade C except.
19. Storm water drain shall comply to BS8 556.
20. Minimum depth of drain shall be 150mm.
21. No chasing will be allowed in the slabs for pipes. Sleeves will be allowed in the slabs with the written approval of the structural engineer.
22. All testing of pipes must be completed before plastering.
23. All mechanical works must be co-ordinated with the electrical works. Any conflicts must be clarified before work begins.

ELECTRICAL

24. All conduits must be laid before plastering.
25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

FIRE

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

REVISIONS

[illegible]

Project :

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

Location :	KIDONGO MOMBASA COUNTY
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Client:

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

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Drawn by:

TEDDY K. N.
B. Arch. (Hons)
Reg. A2067

Checked by :

F. TUNDULI B. Arch. (Hons) , M. Arch. (reg. No.A1552)	J. MOMANYI B. Arch. (Hons) , M. Arch. (reg. No.A1122
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Date: NOV 2023

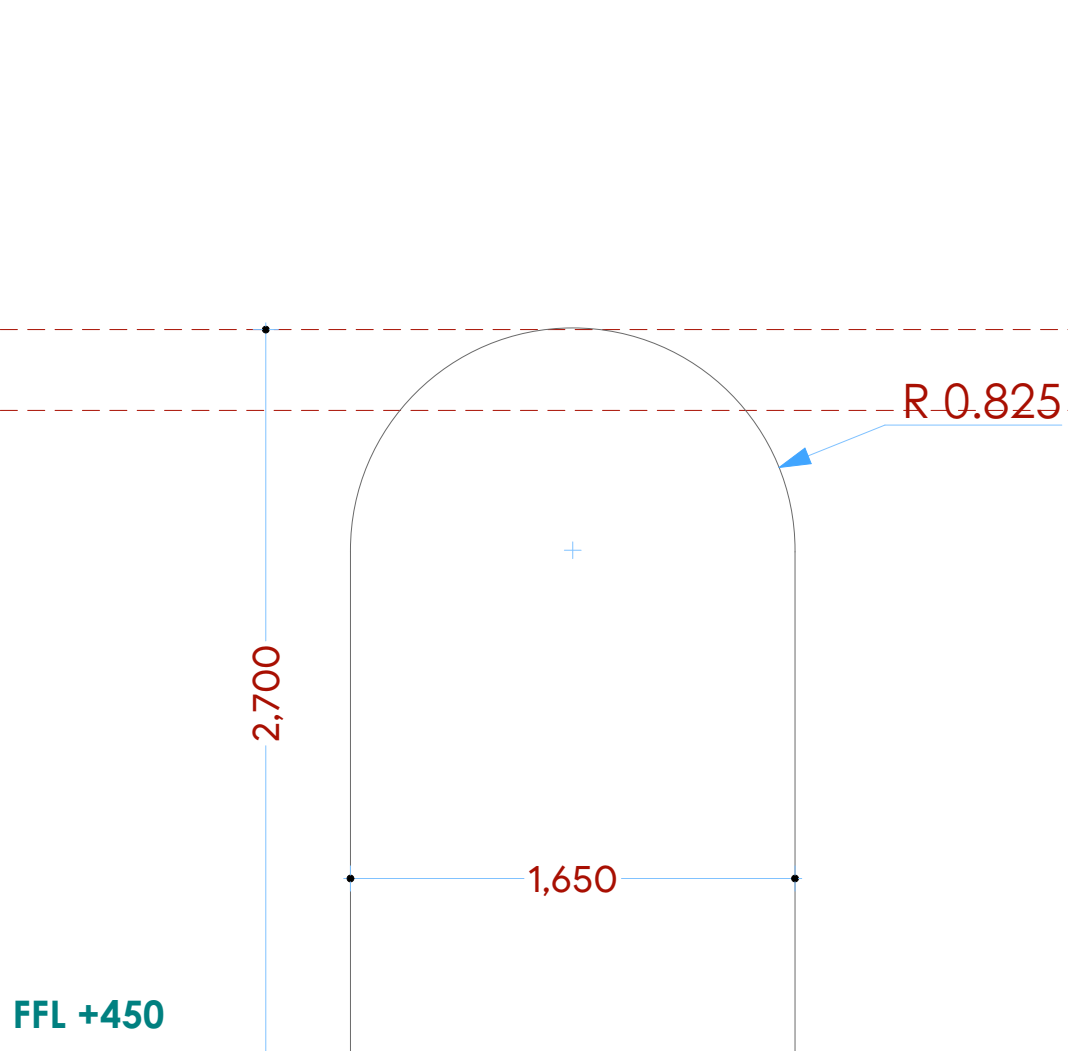
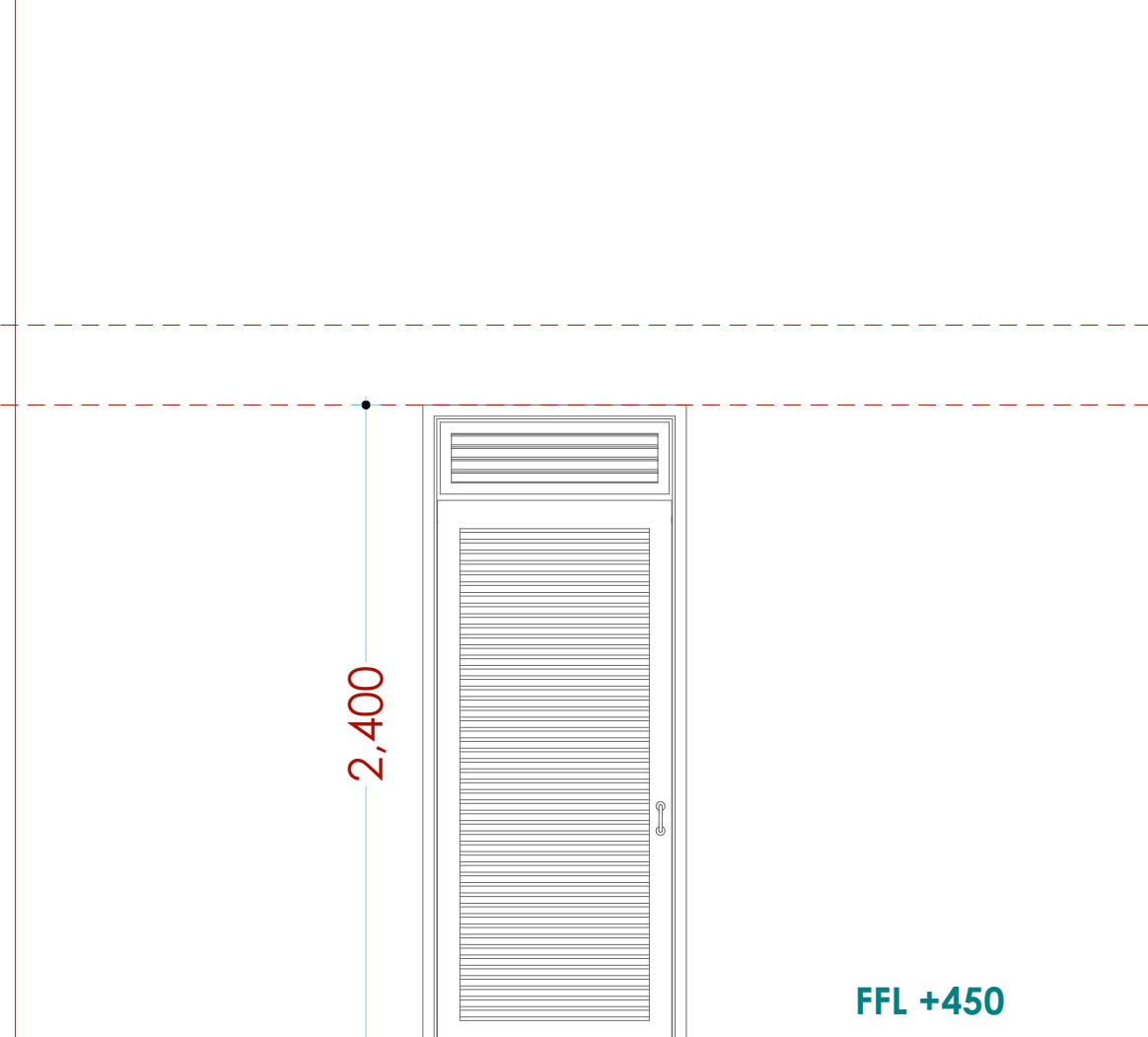
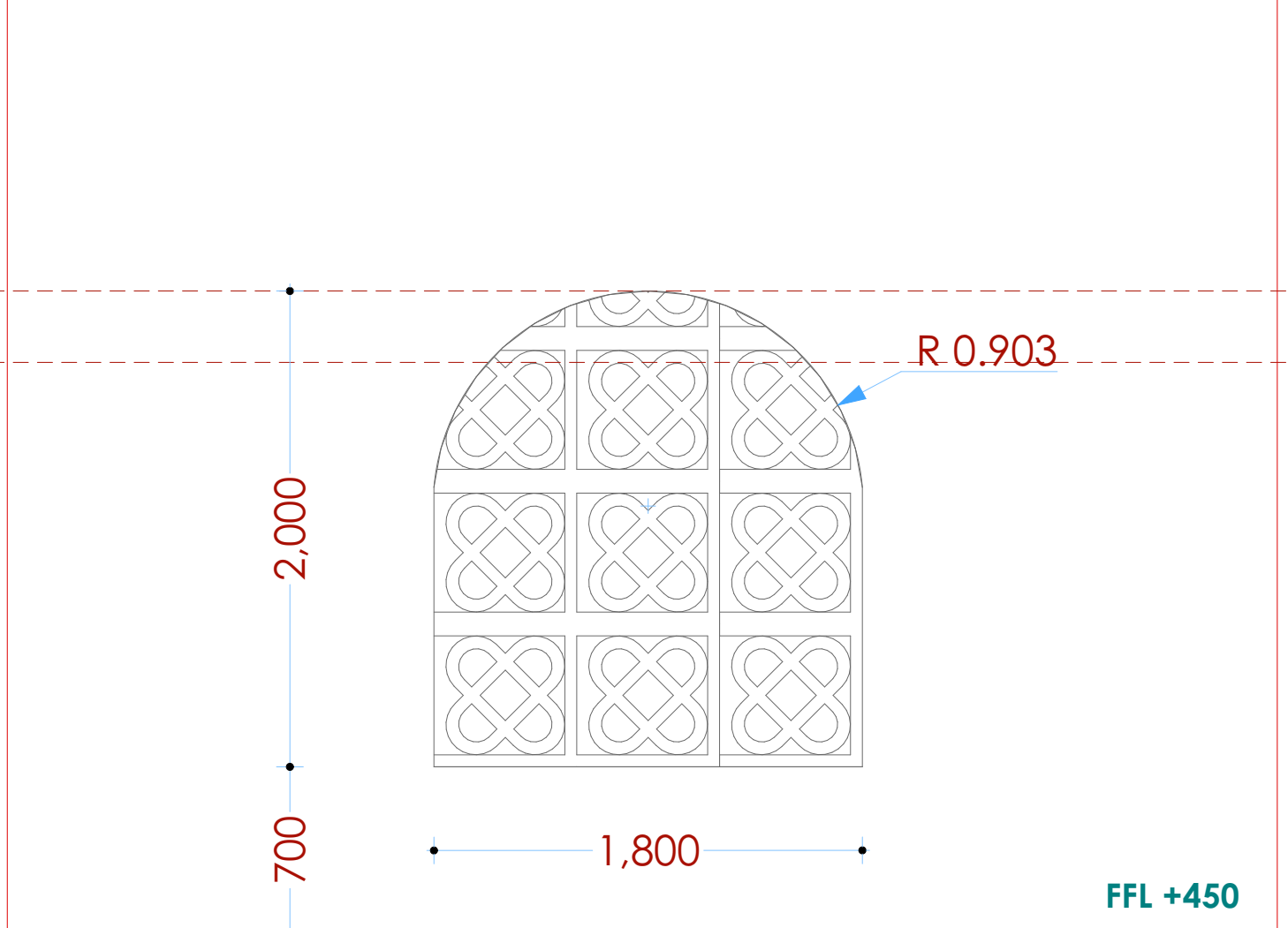
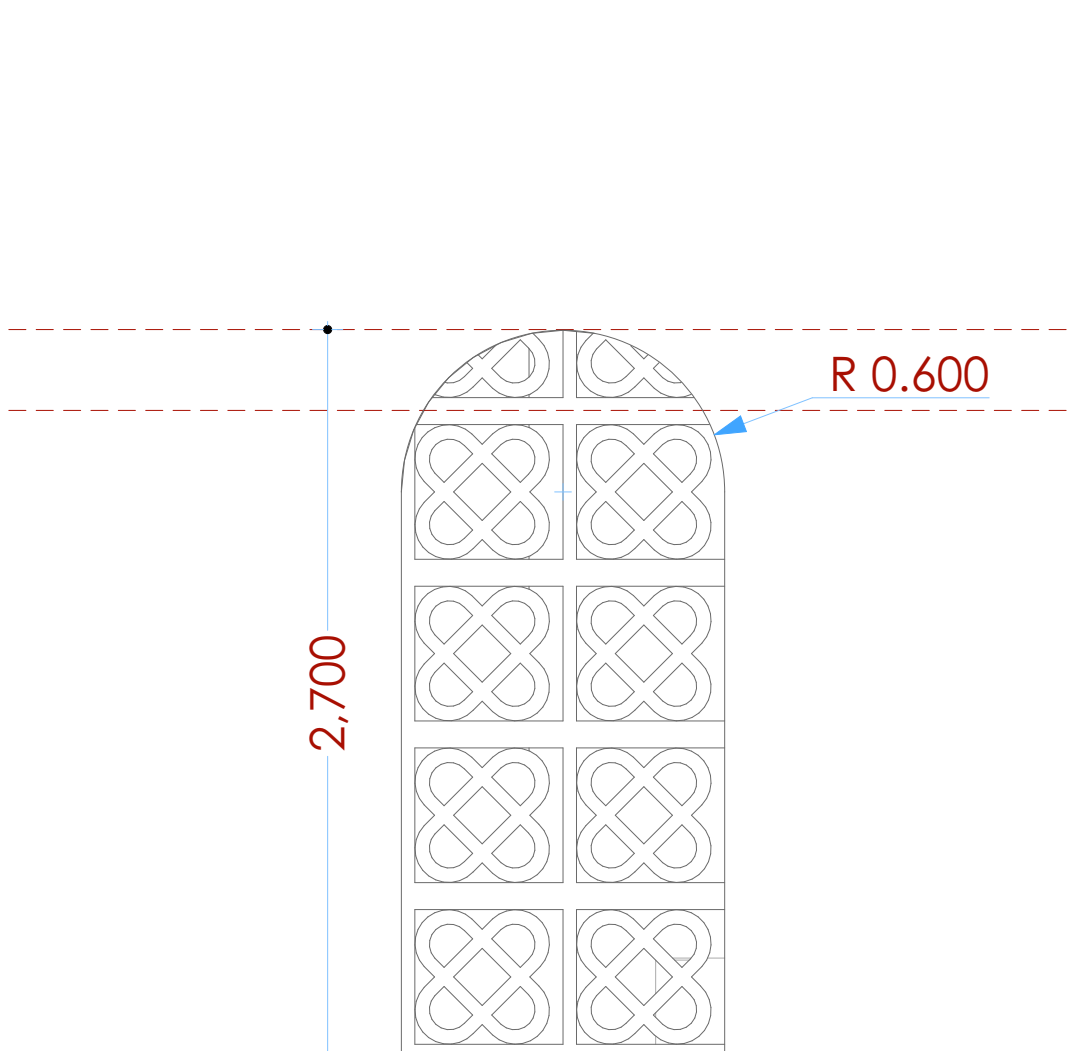
2023	Job No. 2023/Nov/KIDONGO
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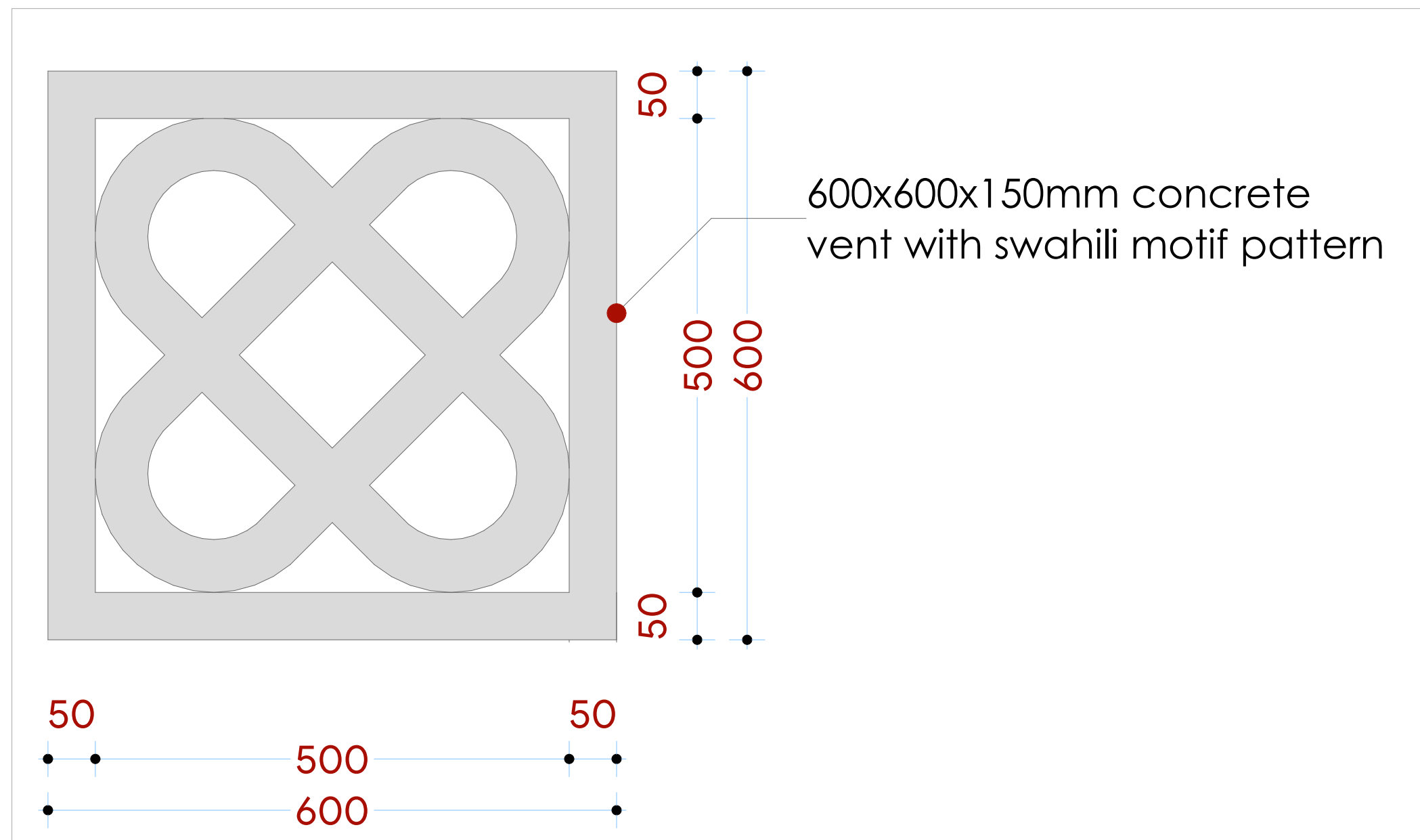
DRAWING NO. 11-001-D020

Fish Gear Mending Shed

Door & window Schedule

			
<p>(Door type : D₀₀₁)</p>	<p>(Door type : D₀₀₂)</p>	<p>(Window type W₀₀₁)</p>	<p>(Window type W₀₀₂)</p>
<p>DIA 1650X2700MM ARCH TOP DOOR OPENING</p>	<p>2400x900mm hardwood mvule single swing louvred door iron mongery to BoQ specifications</p>	<p>DIA 1800MMX2000MM ARCH TOP WINDOW WITH CONCRETE SWAHILI MOTIF PATTERN TO DETAIL</p>	<p>DIA 1200X2700MM ARCH TOP WINDOW WITH CONCRETE SWAHILI MOTIF PATTERN TO DETAIL</p>
<p>VERANDAH, FISH GEAR MENDING SHED 6 N O .</p>	<p>STORE 1 N O .</p>	<p>VERANDAH 2 N O .</p>	<p>FISH GEAR MENDING SITE 2 N O .</p>

Swahili Vent block det.



NOTES:

GENERAL

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2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.

CONSTRUCTION

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

CIVIL
C. All

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.

STRUCTURAL
O. All PC used

9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL
12. All work

12. All plumbing ducts to be accessible from all floors.
13. All service drops to be accessible from all floors.
14. Deep seal or anti-vac to all fittings connected to the HVAC system.
15. SVP to be provided at the head of the drainage.
16. Drain pipes passing beneath buildings and driveways to be enclosed in 150mm concrete surround.
17. All underground foul and waste drain pipes shall be cast into BS5 4514 and 5255. Cast iron to be cast into BS5 497 table 6 grade C except ones in the basement. Drains will comply to BS5 556.
18. All inspection chamber covers and frames shall be cast into BS5 497 table 6 grade C except one.
19. Storm water drain table grade C BS5 556.
20. Minimum slope of drains shall be 1%.
21. No chasing will be allowed in the slabs for floors.
22. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.
23. All testing of pipes must be completed before plastering.
24. All mechanical works must be co-ordinated with the electrical works. Any conflicts must be clarified before work begins.
- ELECTRICAL**
1. All conduits must be laid before plastering.
2. All electrical work must be co-ordinated with the mechanical works. Any conflicts must be clarified before work begins.
- FIRE**
26. Install water coupling with fire hydrant with 2.5' instantaneous coupling adaptors
27. Provide fire extinguisher in each room with automatic booster pump for ring main
28. Provide automatic push button fire alarm system
29. Provide head and neck protection in each room
30. Provide 5kg, dry powder fire extinguishers to ME specifications

REVISIONS

[illegible]

Project :

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

Location : **KIDONGO MOMBASA
COUNTY**

Client :

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

ARPRIM CONSULTANTS
P.O BOX 12969-0040 NAIROBI
TEL: 020-884312/8
Website :www.arprimconsultants.com

own by

DDY K. N.

Arch. (Hons)

Checked by : -

F. TUNDULI

B. Arch. (Hons)

Checked by : -

J. MOMAN

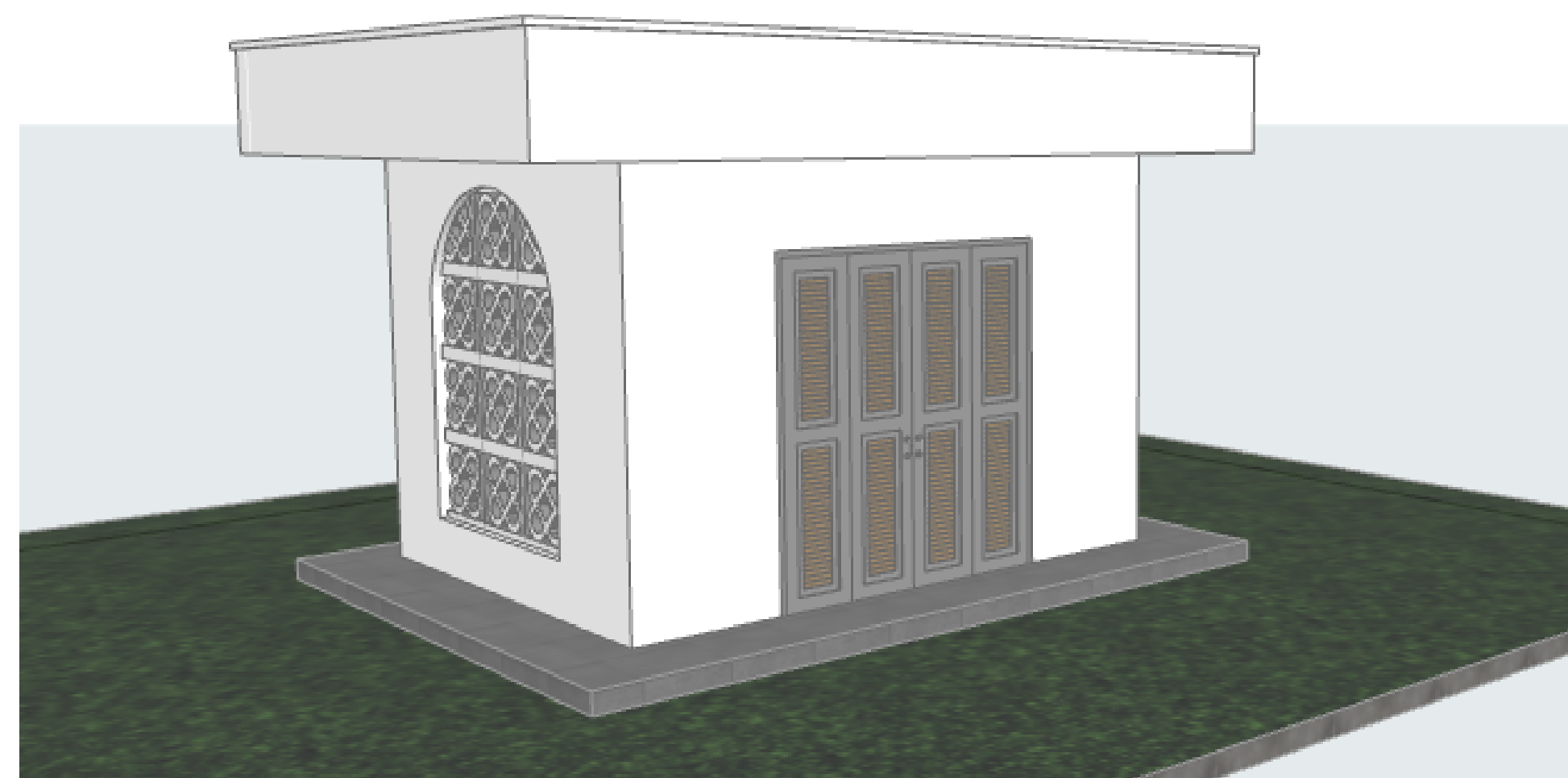
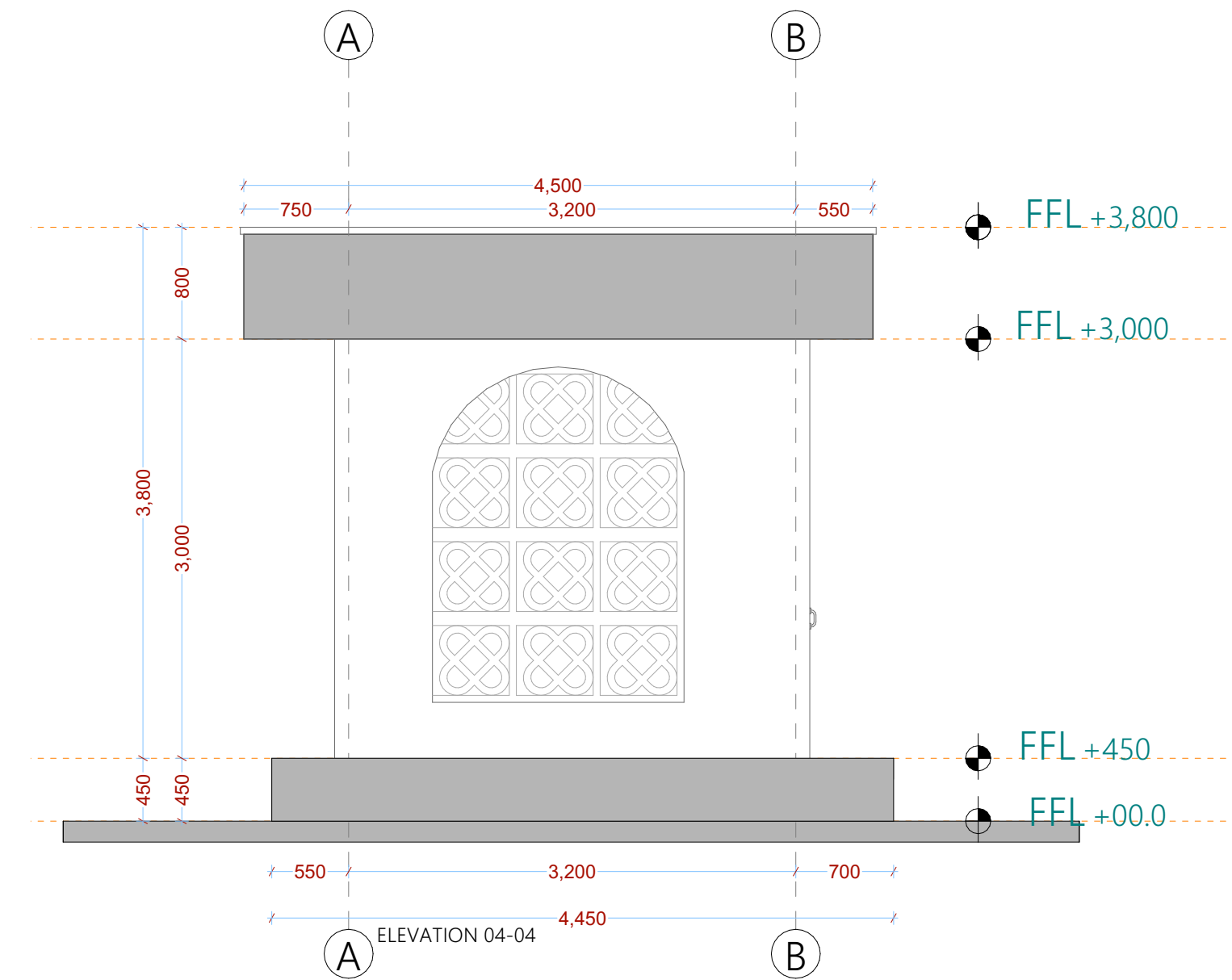
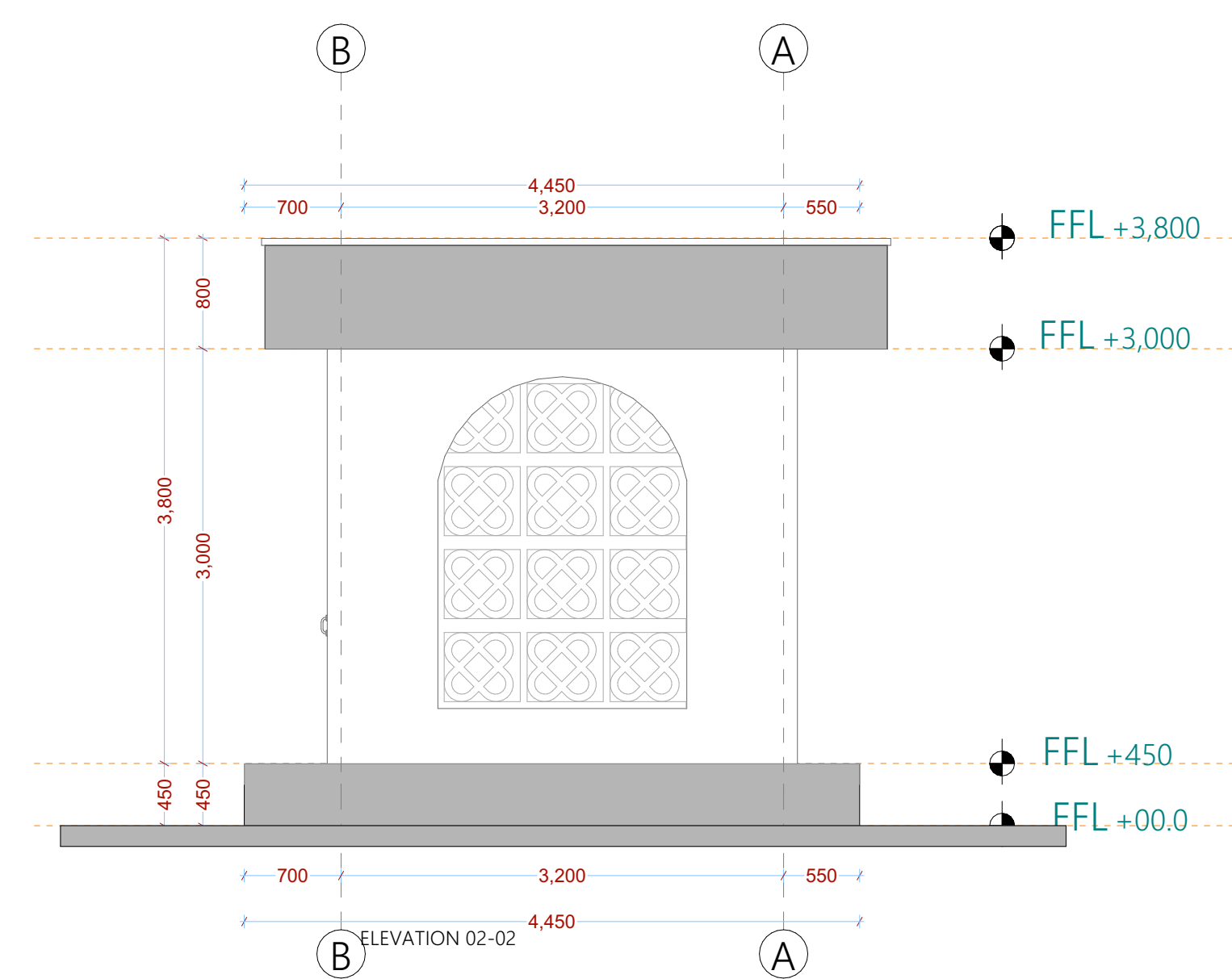
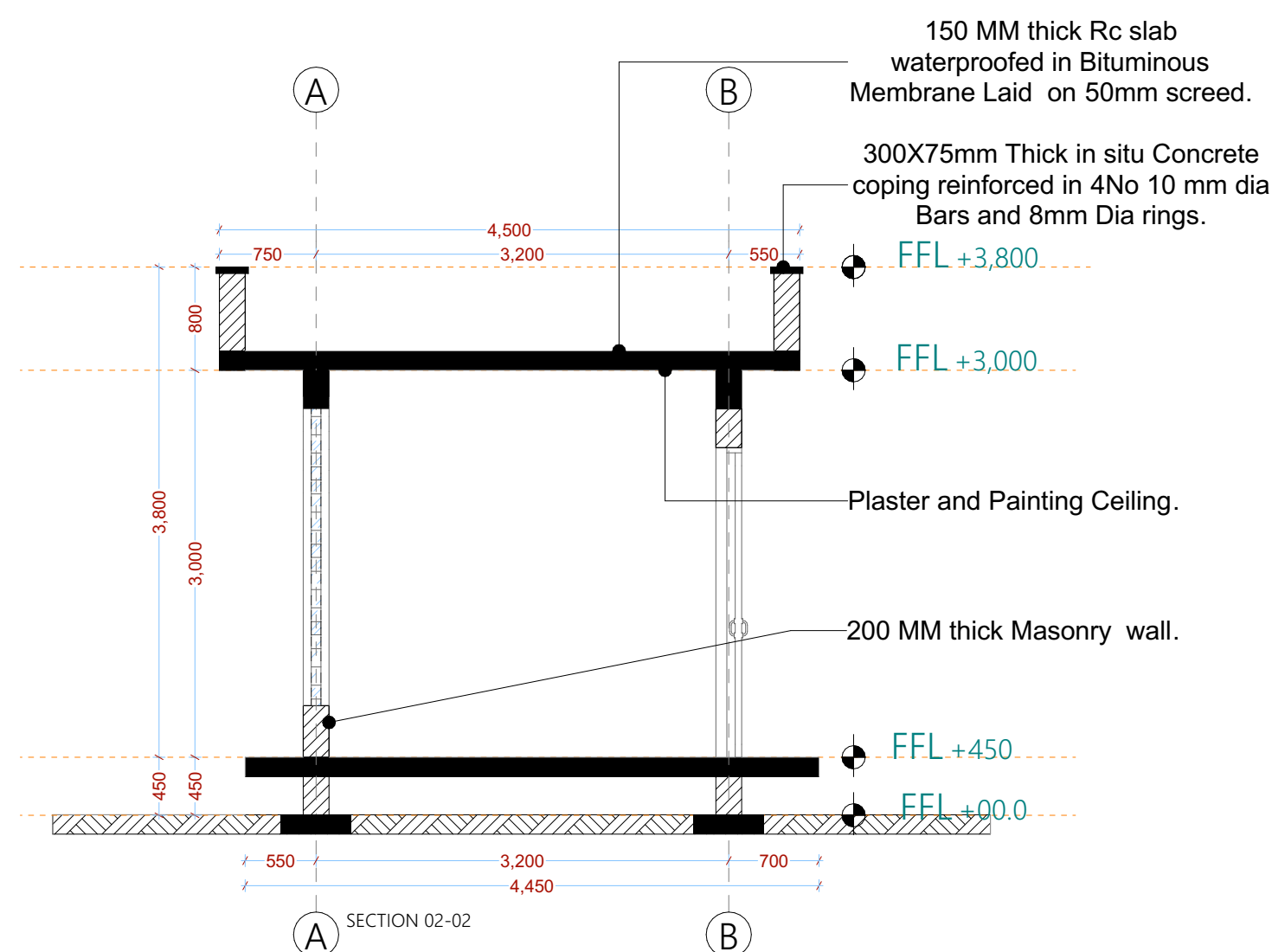
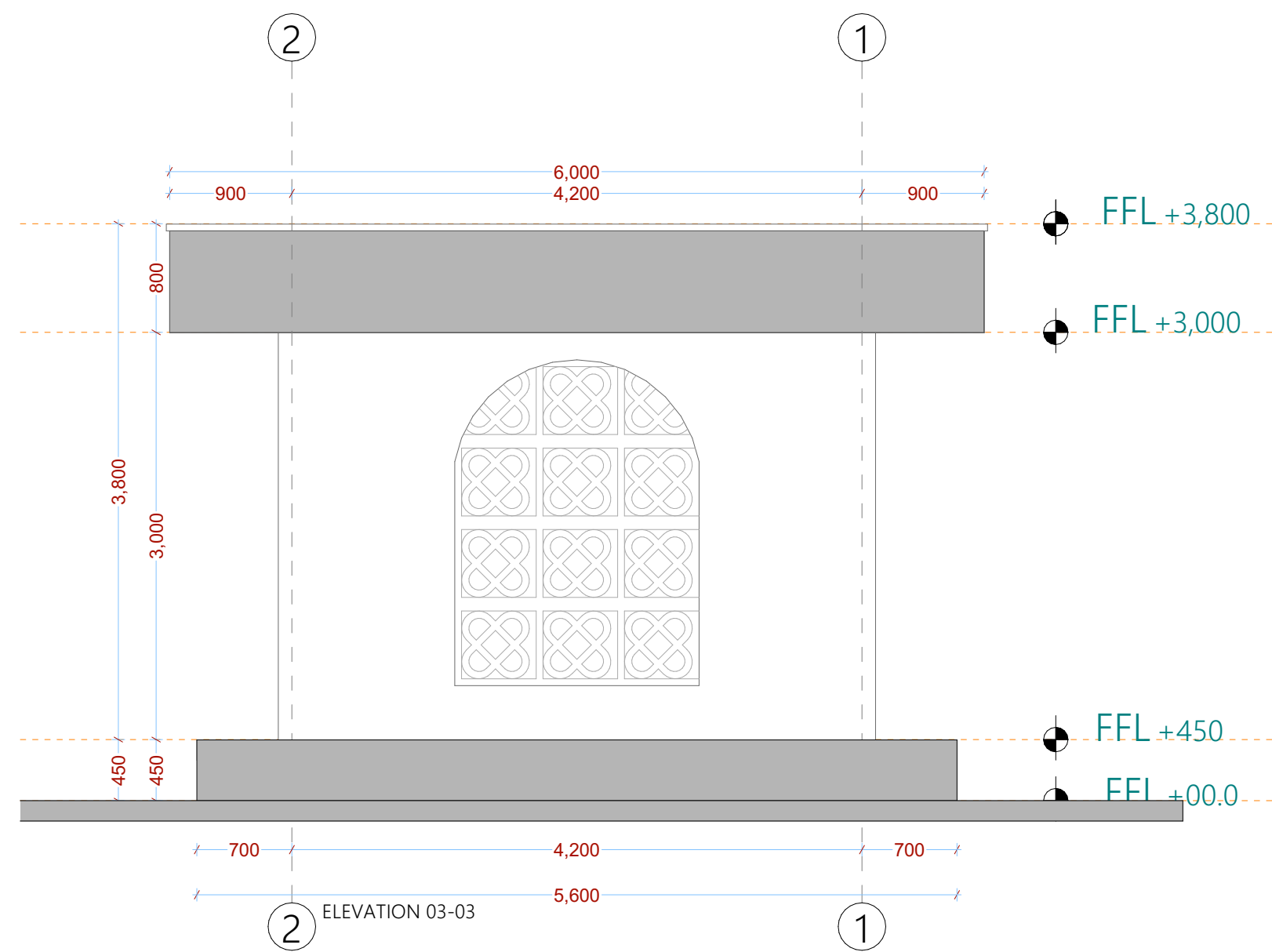
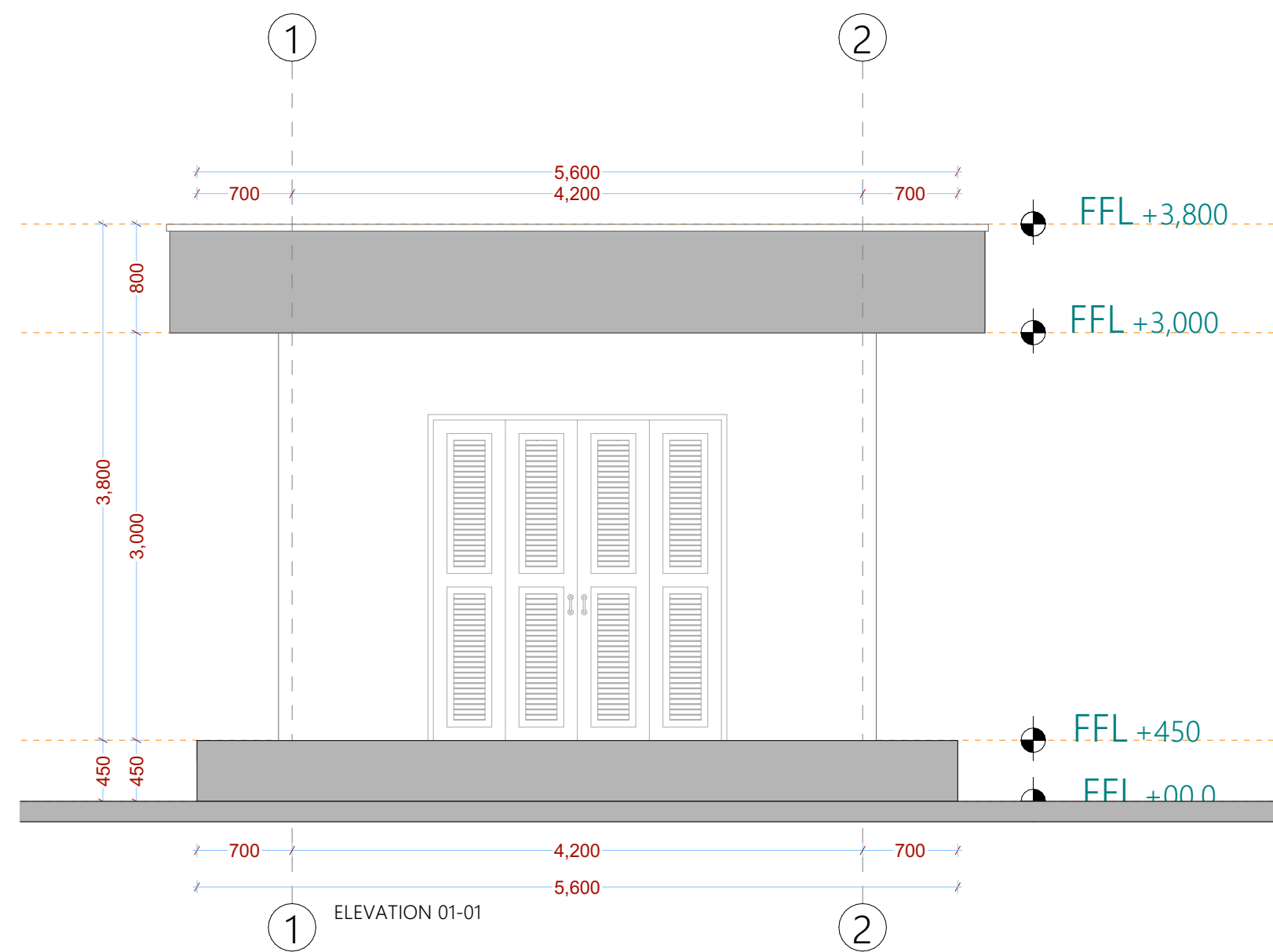
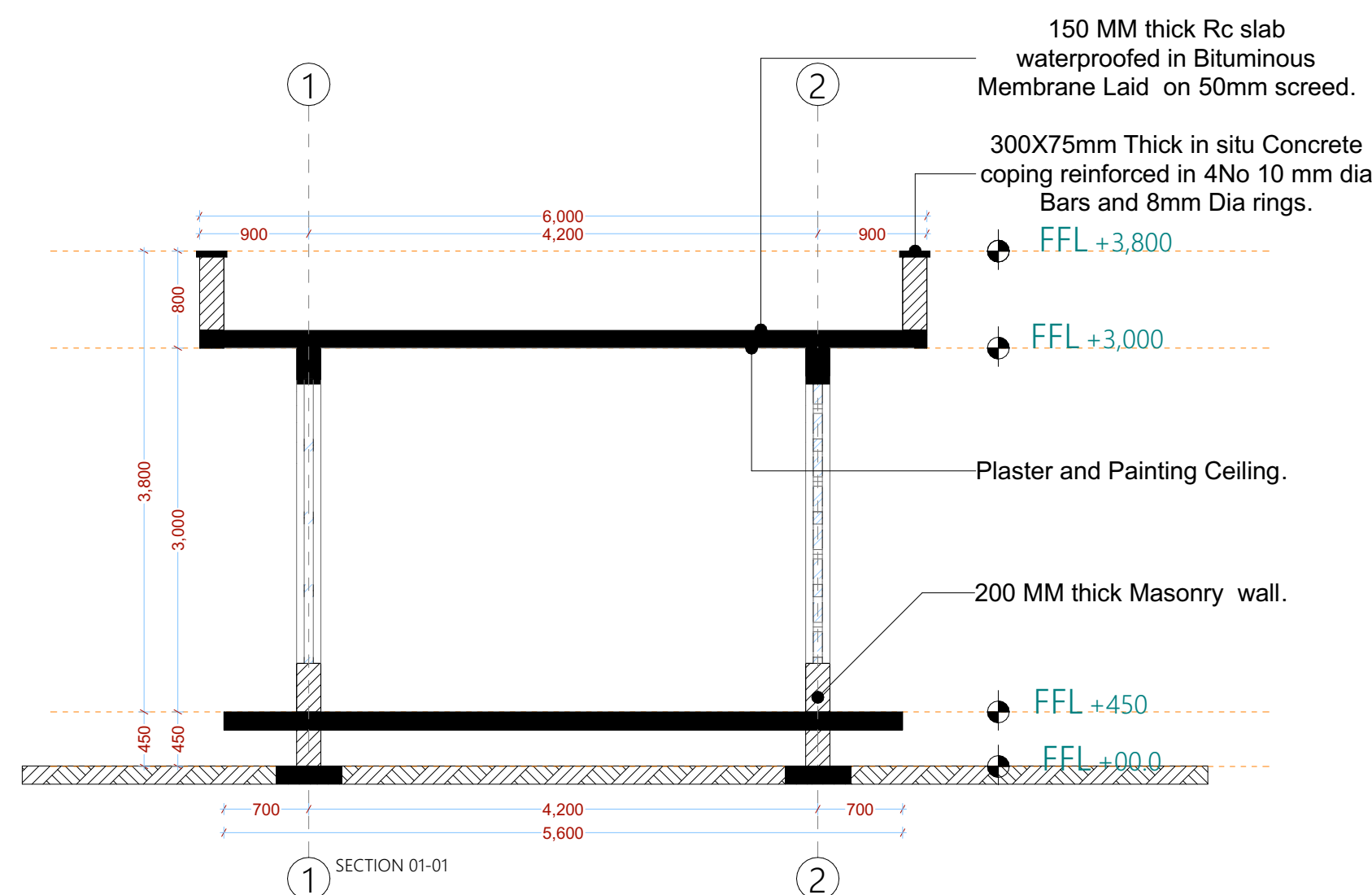
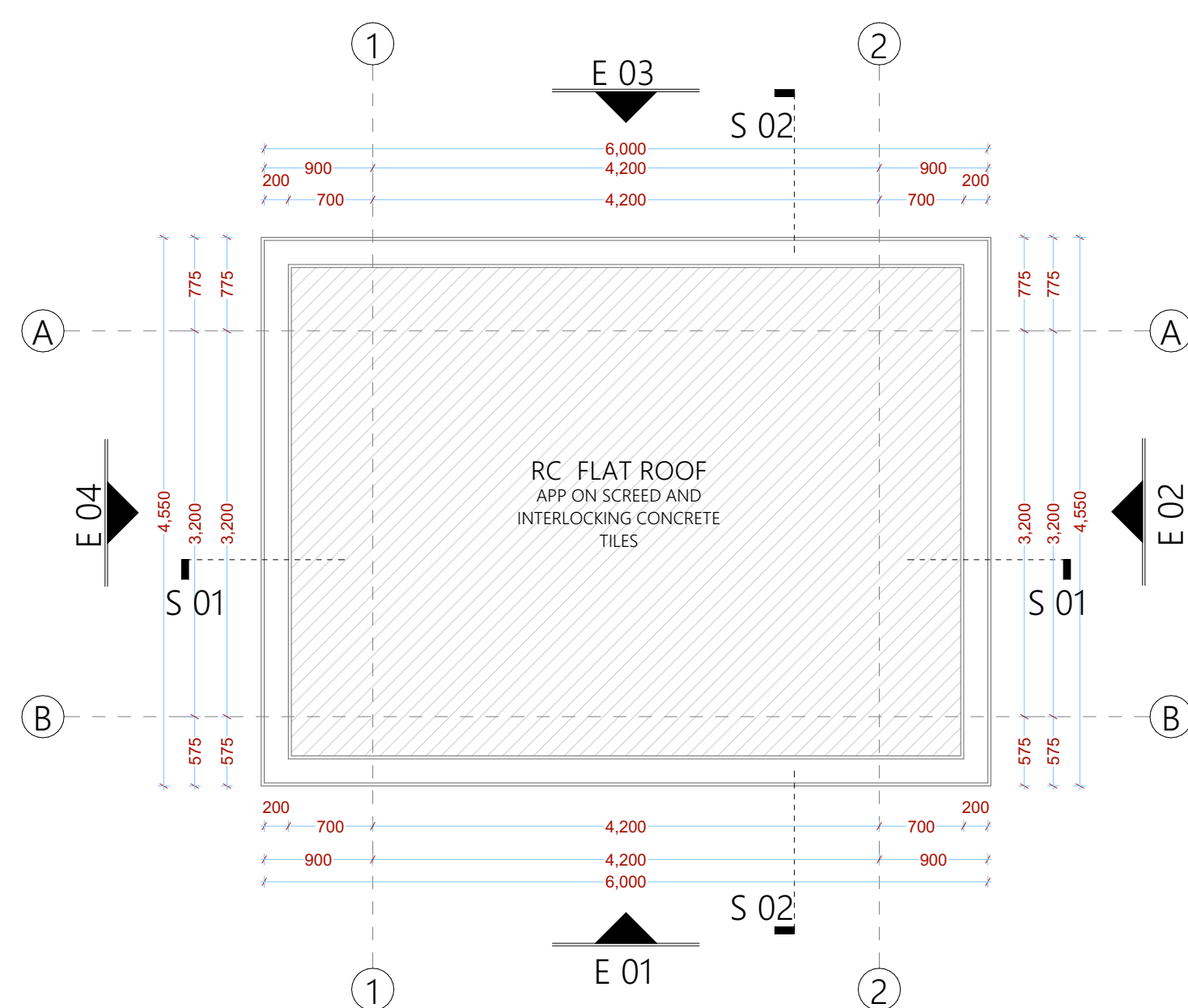
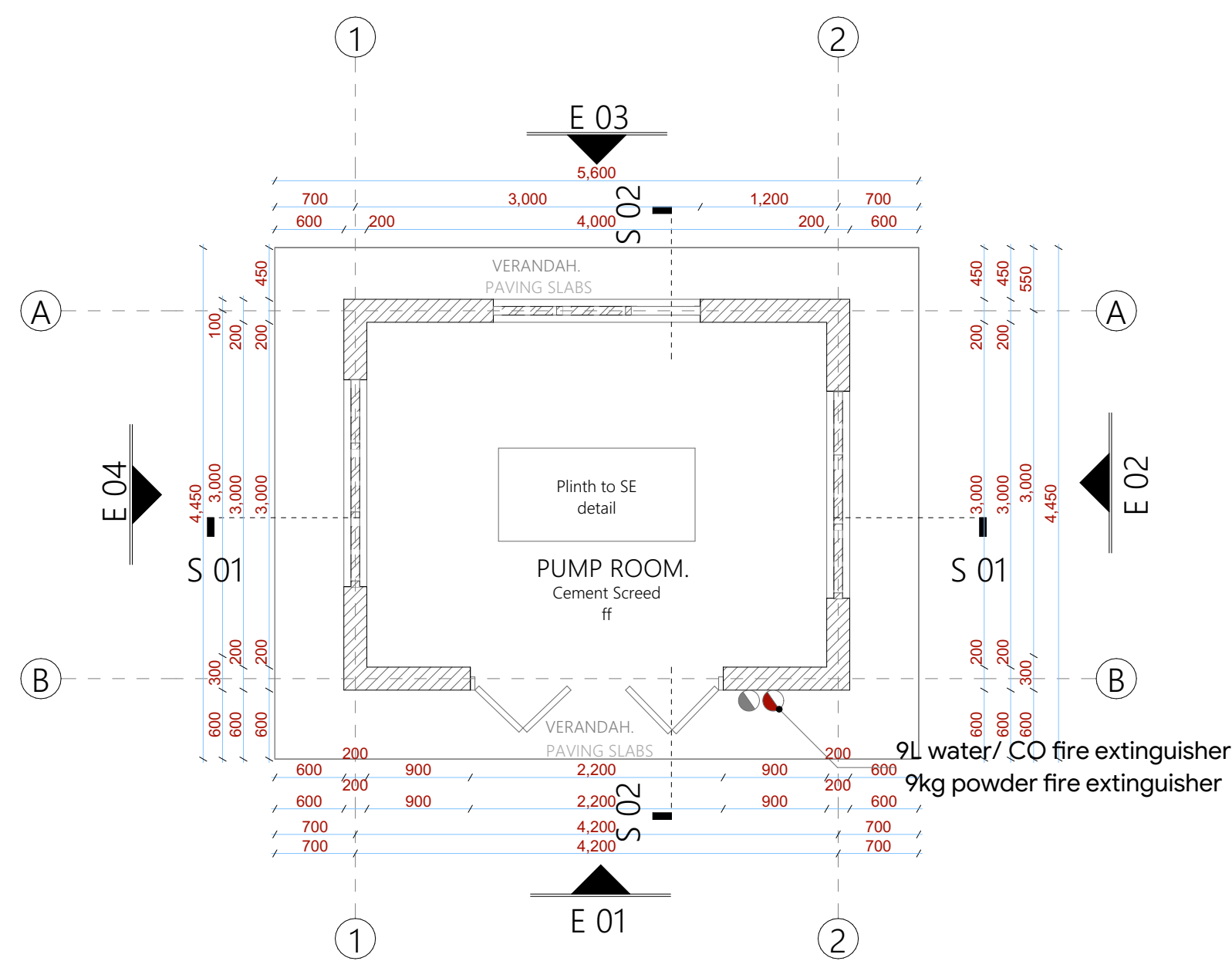
B. Arch. (H
M. Arch.

ite: NOV 2023

b No . 2023/Nov/KIDONGO

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DRAWING NO. 11-001-D021



NOTES:

GENERAL

1. All measurements are shown in millimeters. Measurements should not be scaled off the drawing.
 2. The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
 3. All sections should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.
- CONSTRUCTION**
4. Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
 5. All slab at grade to be poured on 1000gauges polyethene 50mm stone dust blinding on compacted hardcore.
 6. All soils under slab and around external foundation to be treated for termite control.
 7. Window cills must be finished before internal plastering

CIM

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.
- STRUCTURAL**
9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the relevant approving local authority's specifications.
13. Service ducts for all services to be installed in all floors.
14. Waste or anti-vac to all fittings connected to the SVPs or waste pipes. All bends and junctions to have inspection plates.
15. To be provided at the head of the drainage.
16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
17. Underdrains for all drainage systems to be cast in U/PVC and comply to BS5 4514 and 5255, cast iron to comply to BS5 497 table 6 grade C except ones in the driveway which shall comply to BS5 556.
18. All underdrains to be cast in concrete and shall be cast iron to comply to BS5 497 table 6 grade C except.
19. Storm water drain shall comply to BS5 556.
20. Minimum ground slopes to be as follows:
 - a) 1 in 100
 - b) 1 in 80
21. No chasing will be allowed in the slabs for pipes.
22. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.
23. All testing of pipes must be completed before plastering.
24. All mechanical works must be co-ordinated with electrical works. Any conflicts must be clarified before work begins.

ELECTRICAL

25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

FIRE

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

REVISIONS

[illegible]

Project :	
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PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

Location :	KIDONGO MOMBASA COUNTY
------------	-----------------------------------

Client :

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

ARPRIM CONSULTANTS
P.O BOX 12969-0040 NAIROBI
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Website :www.arprimconsultants.com

Drawn by:

TEDDY K. N.

B. Arch. (Hon)

	Checked by
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F. TUNDU

(s),	B. Arch. (I
	M. Arch.

:-	Checker
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J. MO

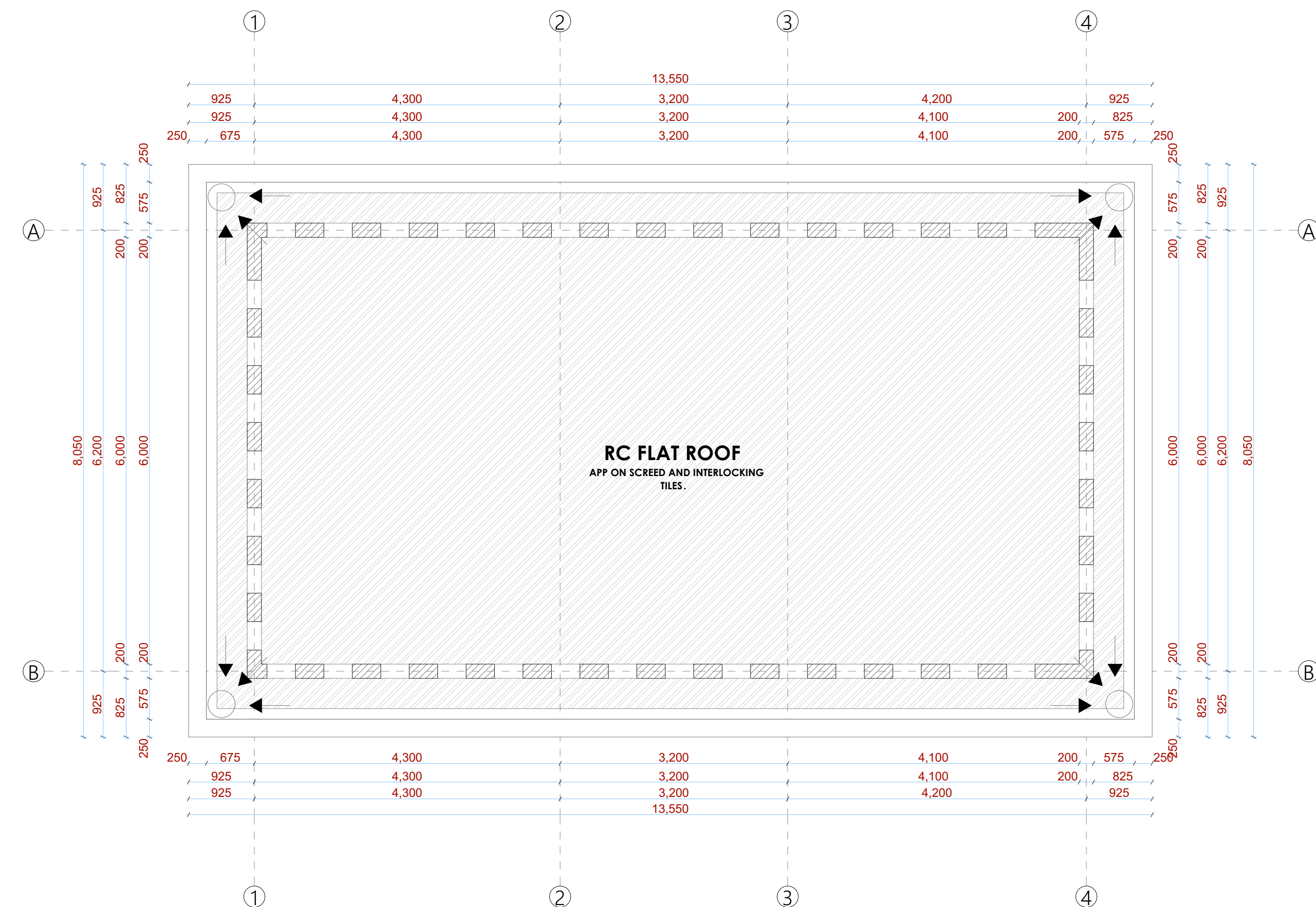
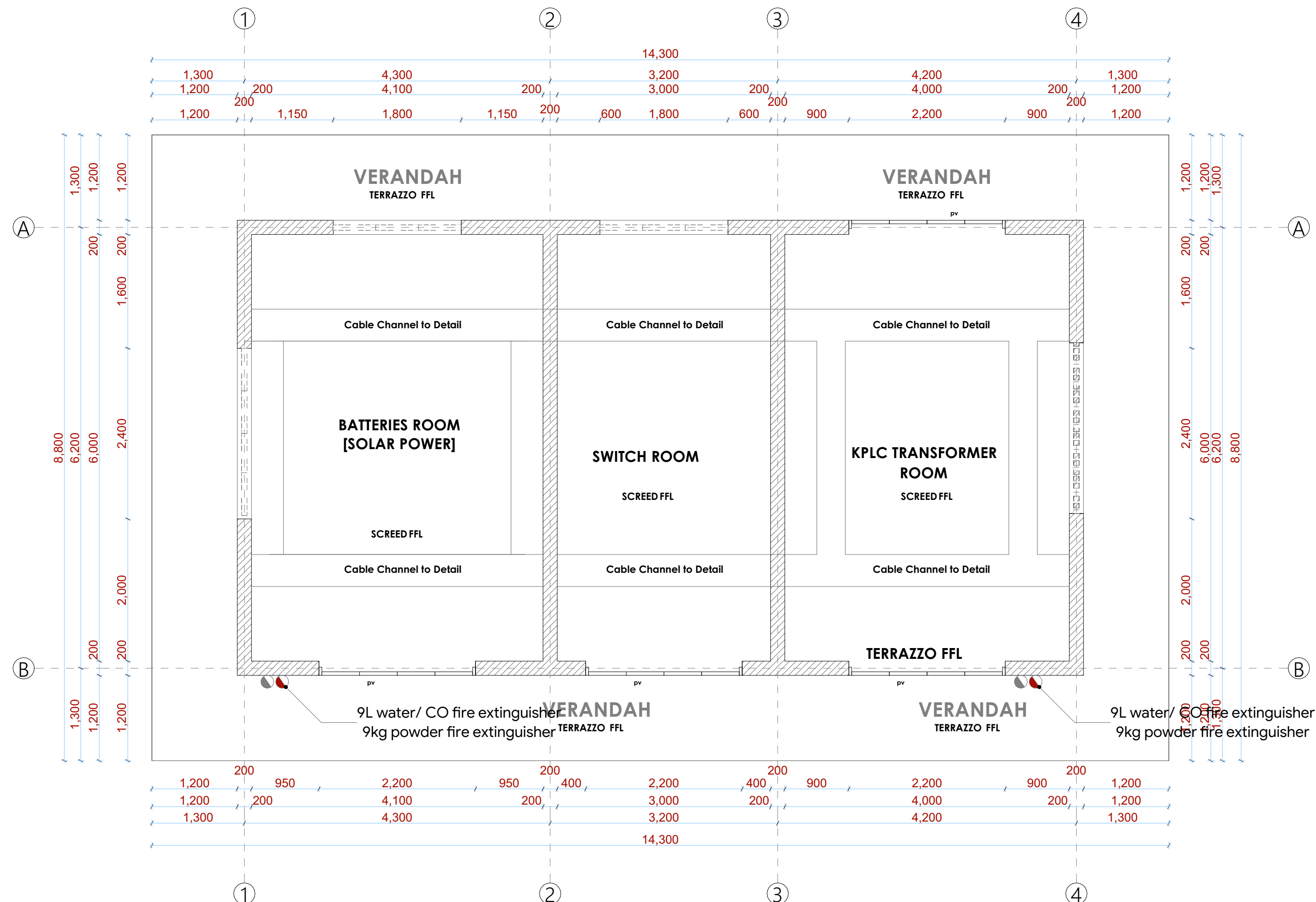
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	. M. A

Date: NOV 2023

23	Job No . 2023/Nov/KIDONGO
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DRAWING NO. 11.001.E022



NOTES:

GENERAL

- All measurements are shown in millimeters. Measurements should not be scaled off the drawing.
- The contractor must check and verify all dimensions before commencing any work. Any discrepancy must be notified to the architect.
- All measurements should be read as per the floor plan and all discrepancies must be notified immediately to the designer and clarified by consulting the respective consultants' drawings.
- CONSTRUCTION**
12. Damp proof course must be provided under all external walls at grade. DPC to be minimum 1000gauged ground level.
13. All slab at grade to be poured on 150mmgauged polythene 50mm stone dust blinding on compacted hardcore.
14. All soils under slab and around external foundation to be treated for termite control.
15. Window cills must be finished before internal plastering

CML

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.
- STRUCTURAL**
9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the relevant local authority's specifications.
13. All relevant drains to be covered with grates to all floors.
14. Deep seal or anti-vac to all fittings connected to drains or waste pipes.
15. All bends and junctions to have the correct slope.
16. All drains to be provided at the head of the drainage.
17. Drain pipes passing beneath buildings and driveways to be enclosed in 150mm concrete surround.
18. All underground drains and waste pipes shall be covered in PVC and to comply to BS5 4514 and 5255, current or later.
19. All drains to comply to BS8 497 table 6 grade C except ones in the following circumstances:
20. All inspection chamber covers and frames shall be cast away from the drain to comply to BS8 497 table 6 grade C except
21. Storm water drains shall comply to BS8 556.
22. Minimum slopes to drains shall be 1:80.
23. No chasing will be allowed in the slabs for pipes.
24. Sleeves will be allowed in the slabs with the written approval of the Structural Engineer.
25. All testing of pipes must be completed before plastering.
26. All mechanical works must be co-ordinated with the installation of mechanical works.
27. Any conflicts must be clarified before work begins.

ELECTRICAL

25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

FIRE

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

REVISIONS

[illegible]

Project :

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

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COUNTY**

Client :

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject :

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DDY K N

Arch. (Hons),

Fig. A2067

NOV 2021

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F. TUNDULI

B. Arch. (Hons)

(reg. No. A)

b No. 2023

Checked by : -

J. MOMAN

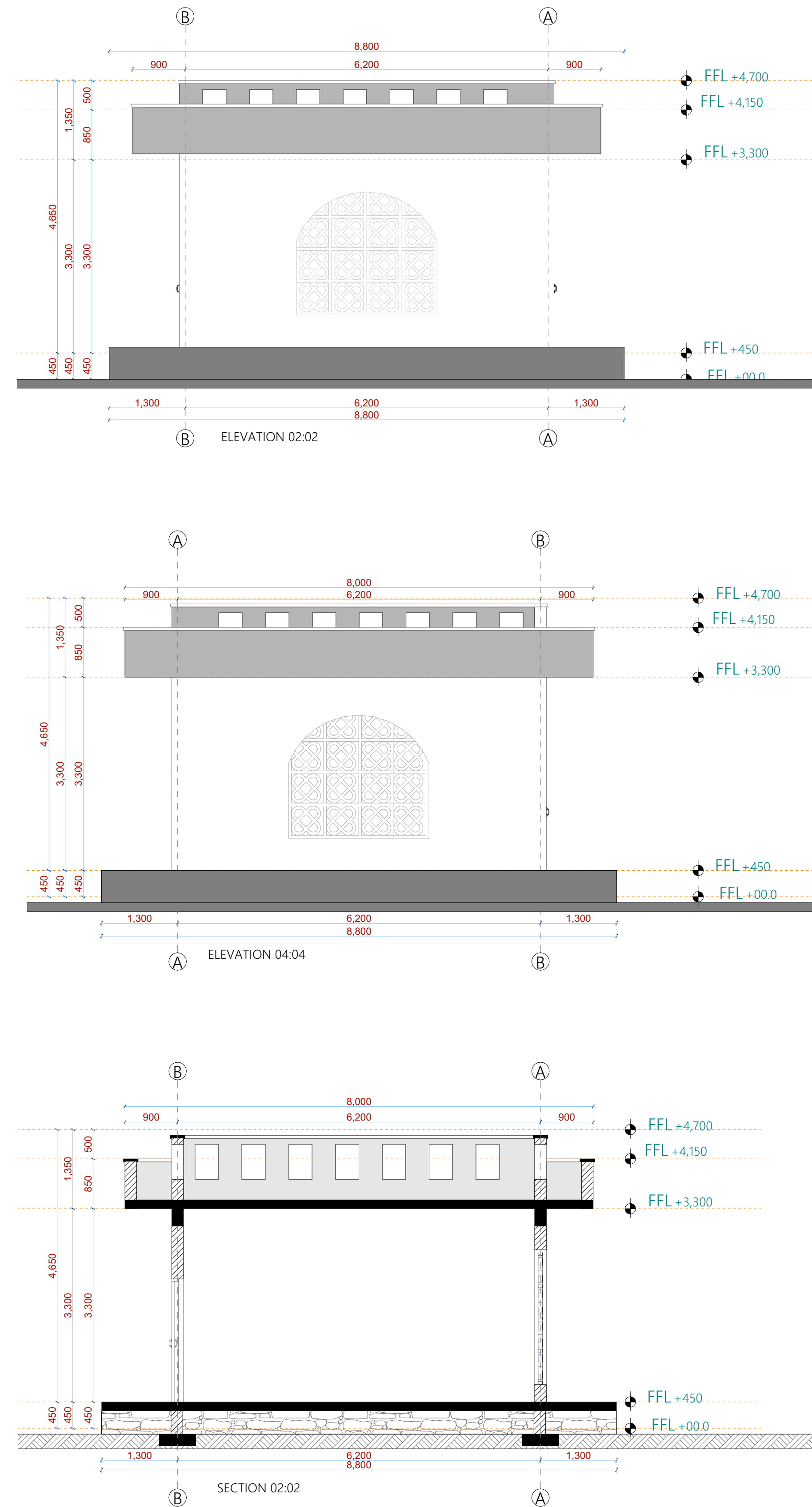
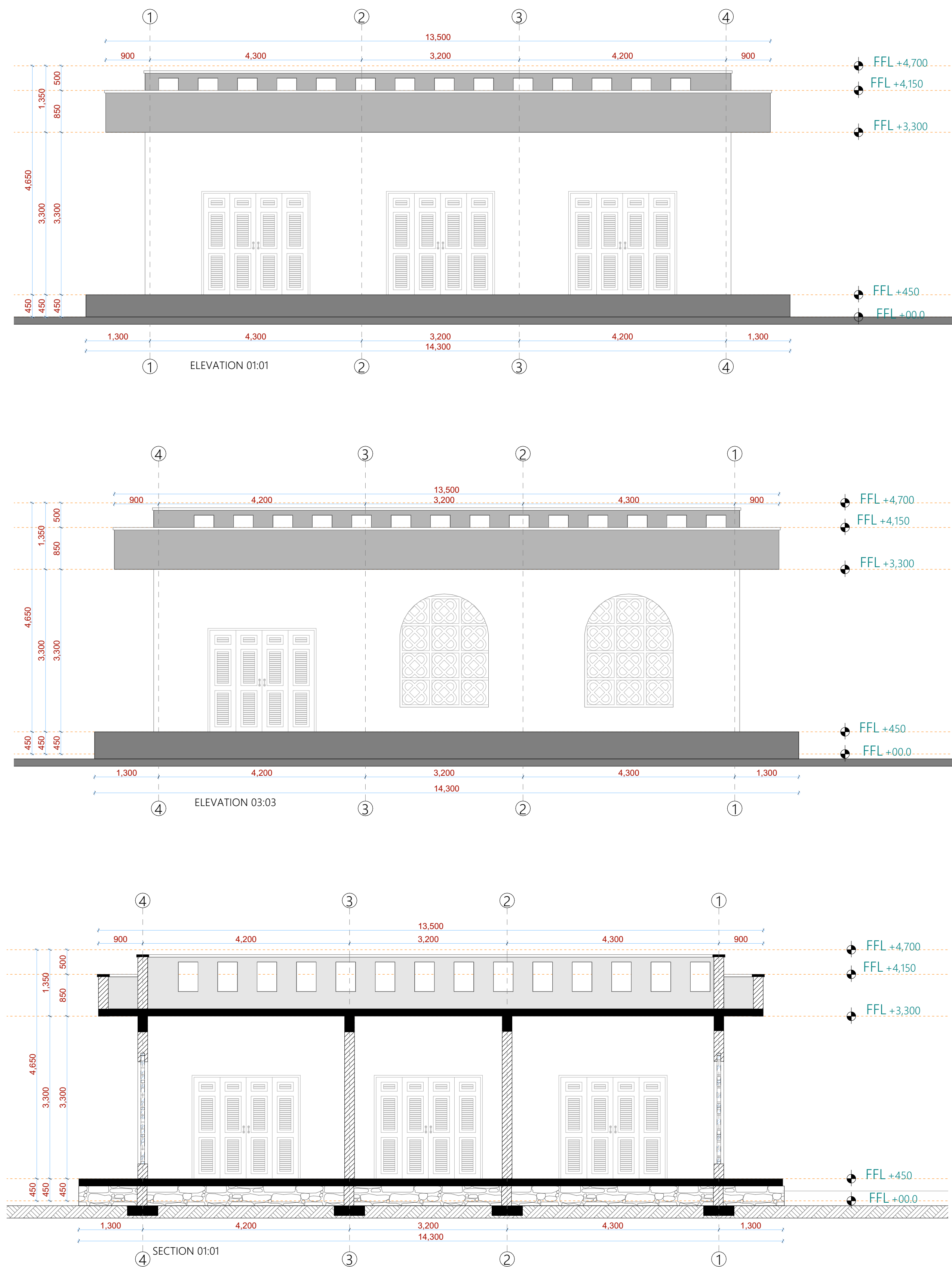
B. Arch. (H
M. Arch.

(reg. No. A

ONGO

Power House
K I D O N G O

ELEVATIONS & SECTIONS



GENERAL

1. All meas

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

STRUCTURAL

9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the relevant standards and specifications.
13. All service ducts to be accessible from all floors.
14. Deep seal or anti-vac to all fittings connected to the ducts, SVPs or waste pipes. All bends and junctions to have a minimum 150mm concrete surround.
15. SVP to be provided at the head of the drainage.
16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
17. All underground floor and waste drain pipes shall be made of UPVC and comply to BS5 4514 and 5225, cast iron to comply to BS85 497 table 6 grade C except ones in the roof and ground floor.
18. All inspection chamber covers and frames shall be cast iron to comply to BS85 497 table 6 grade C except ones in the roof and ground floor.
19. Storm water pipes shall comply to BS55 556.
20. Minimum slope of drain shall be 1%.
21. No chasing will be allowed in the slabs for pipes.
22. All plumbing and drainage to be in the structure.
23. All testing of pipes must be completed before plastering.
24. All mechanical works must be co-ordinated with electrical works. Any conflicts must be clarified before work begins.

ELECTRICAL

25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.

FIRE

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

REVISIONS

[illegible]

Project :

PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

Location : **KIDONGO MOMBASA
COUNTY**

Client :

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

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Website :www.arprimconsultants.com

Drawn by:

ADDY K. N.
Arch. (Hons),
Reg. A2067

checked by :-

TUNDULI
Arch. (Hons)
M. Arch.
Reg. No. A1552

Checked by : -

MOMANYI
Arch. (Hons)
M. Arch.
(Reg. No. A1122)

Page: NOV 2023

No. 2023/Nov/KIDONGO

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DRAWING NO. 11.001.F024

Power House

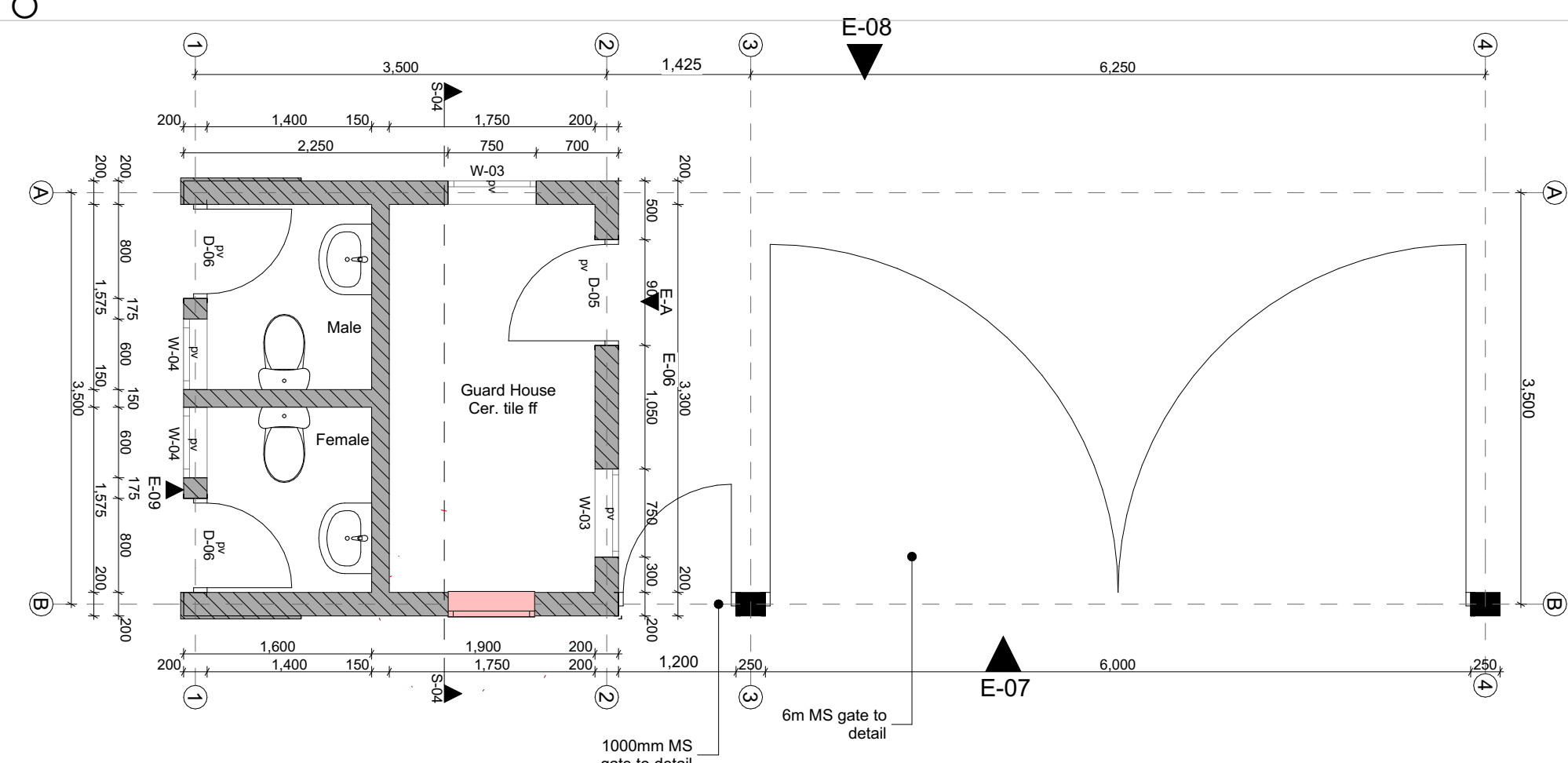
K I D O N G O

WINDOW DESIGN

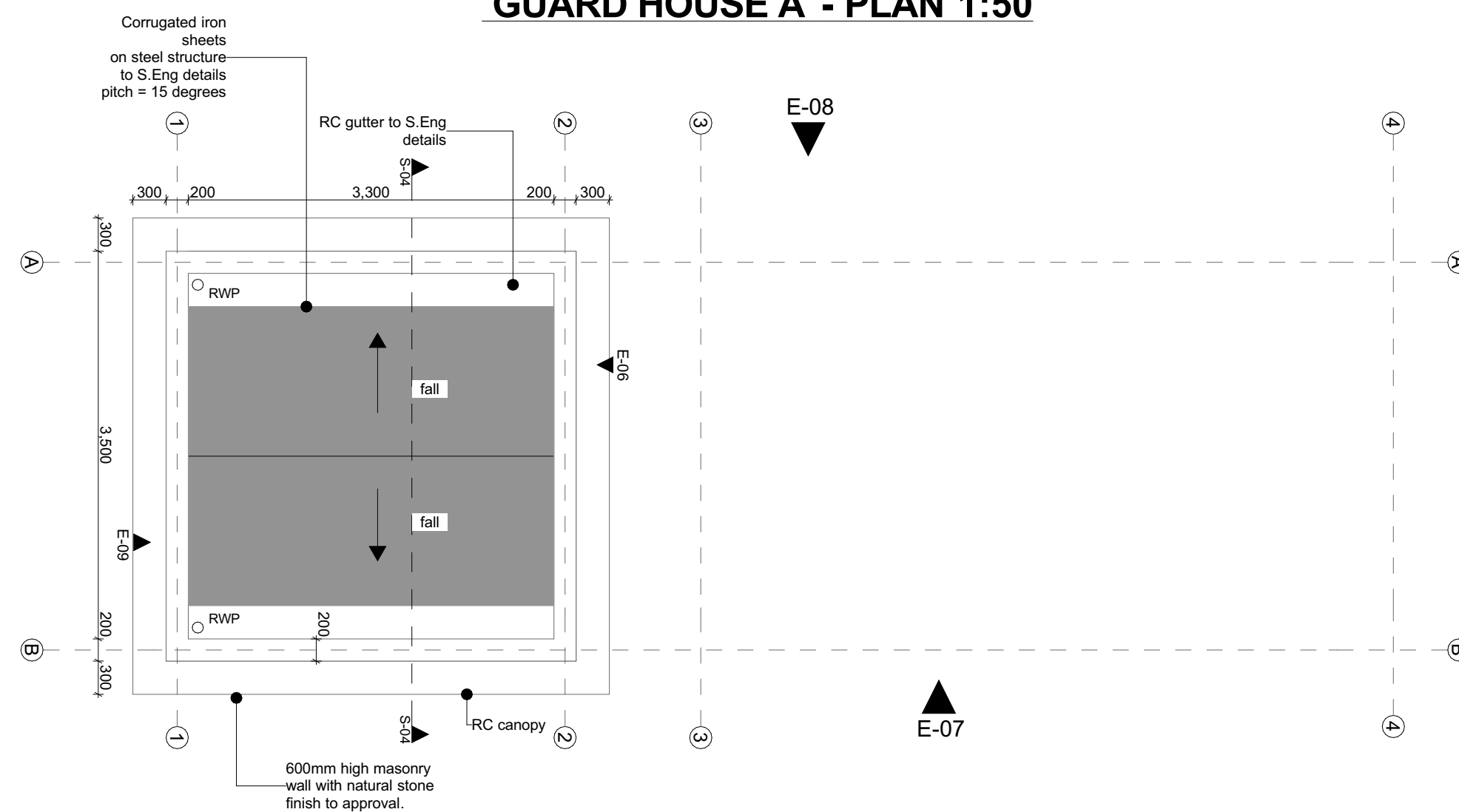


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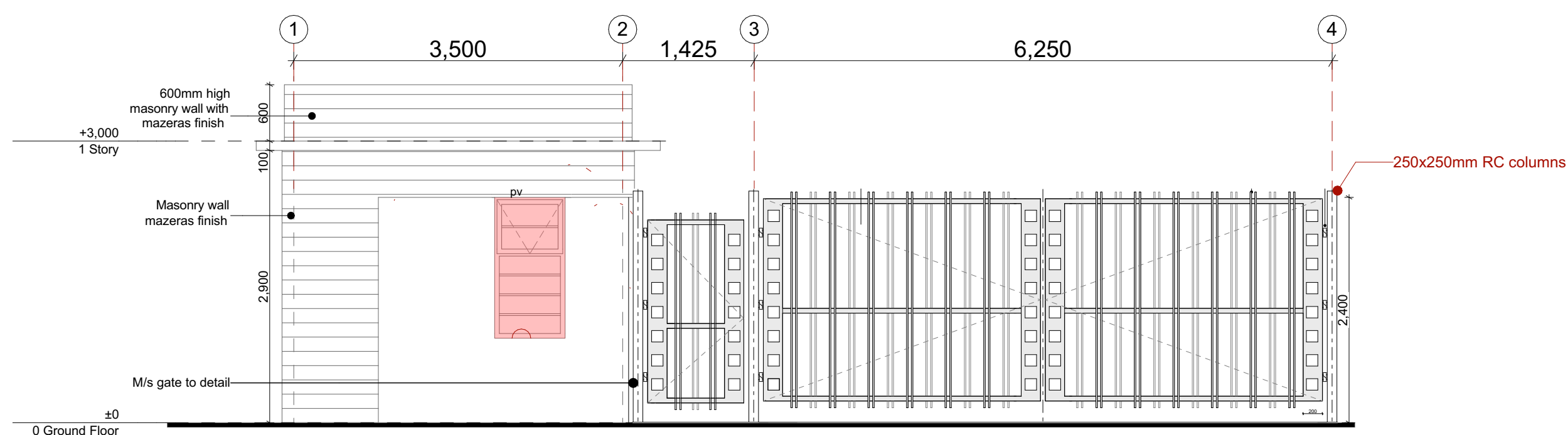
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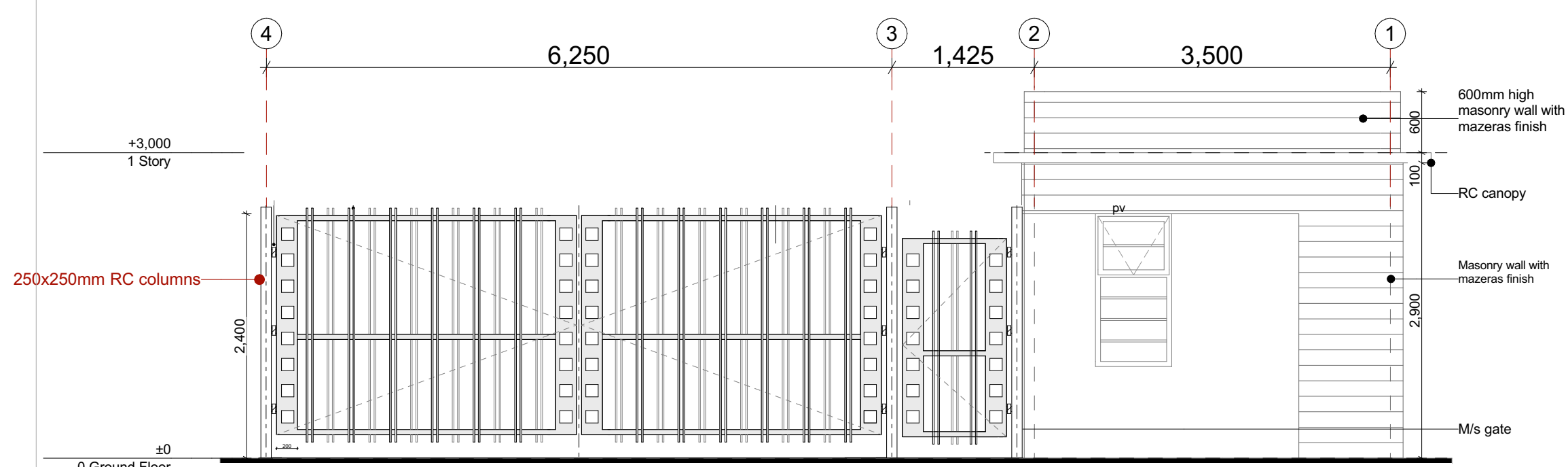
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GUARD HOUSE A - ROOF PLAN 1:50

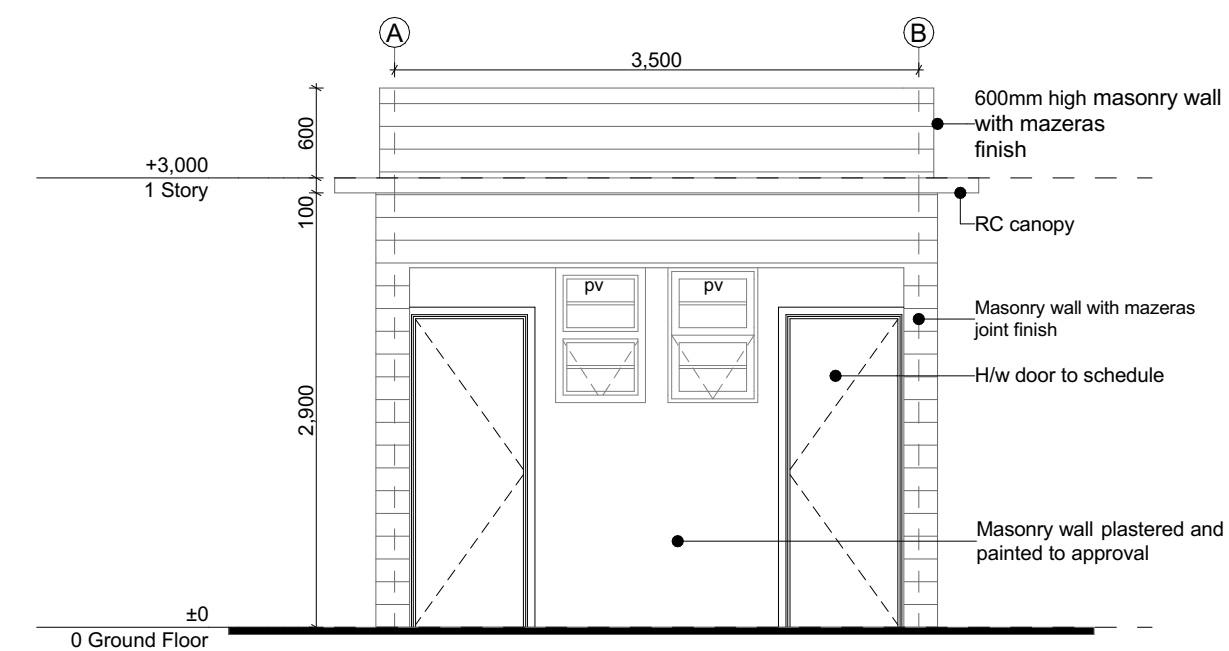


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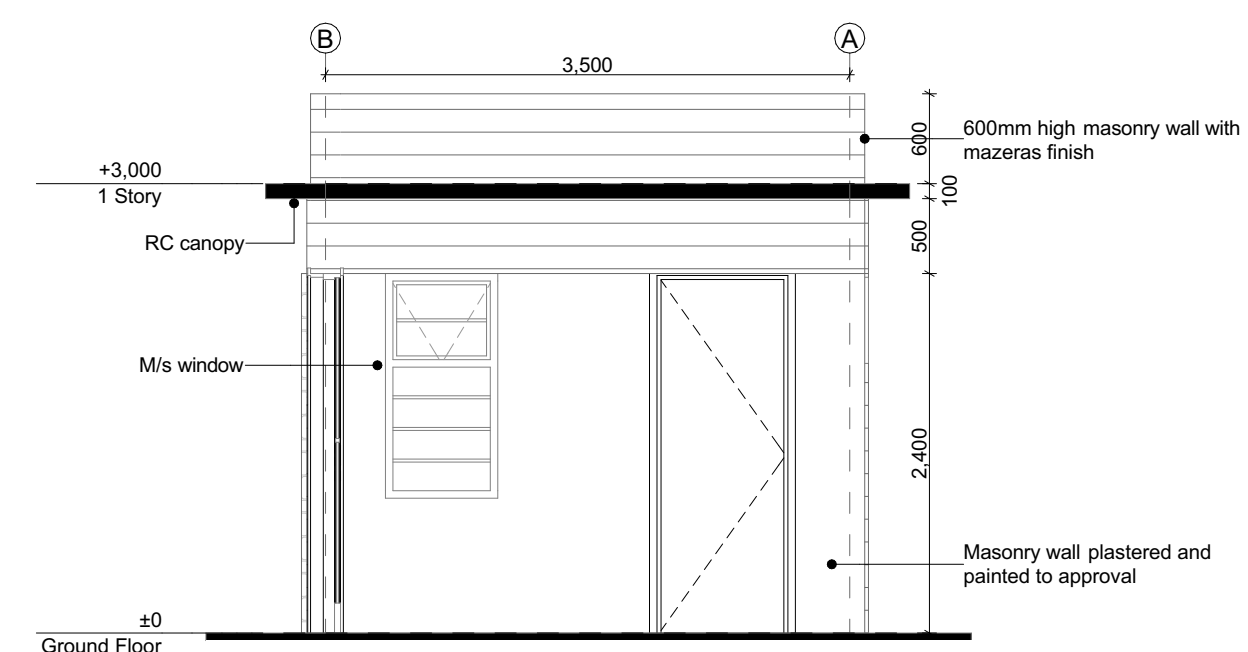


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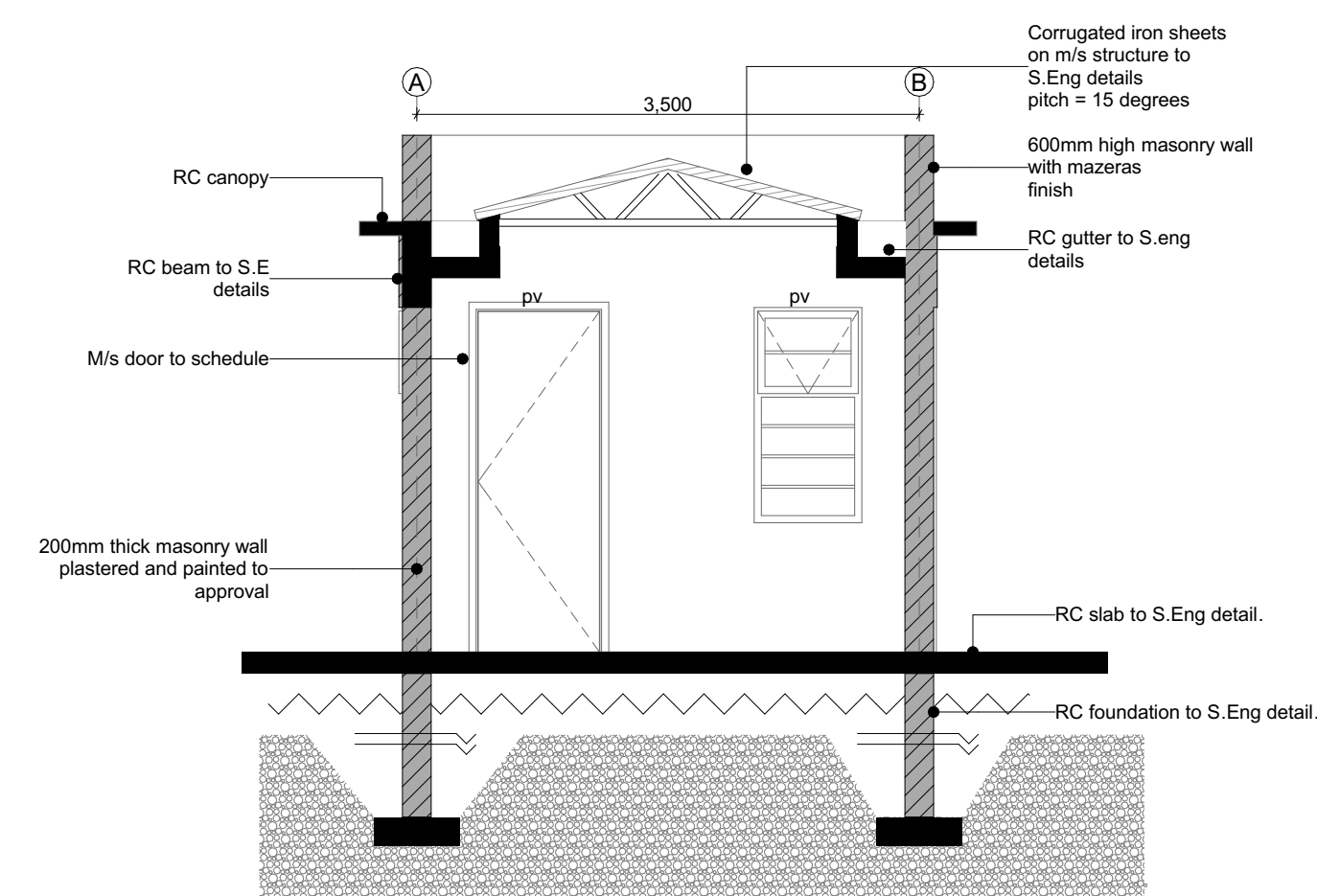
GUARD HOUSE



GUARD HOUSE A - SIDE ELEVATION 09 1:50



GUARD HOUSE A - SIDE ELEVATION 06 1:50



GUARD HOUSE A - SECTION 04 1:50

NOTES:

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- CONSTRUCTION**
4. Damp proof course must be provided under all external walls at grade. DPC to be minimum 150mm above ground level.
 5. All slab at grade to be poured on 100gaugage polythene 50mm stone dust blinding on compacted hardcore.
 6. All soils under slab and around external foundation to be treated for termite control.
 7. Window cills must be finished before internal plastering

CML

8. All soils on cut embankment to be stabilized. The slope is not to exceed the natural angle of repose of the soil.
- STRUCTURAL**
9. All RC works to Structural Engineer's details.
10. Depth of foundation to be determined on site to SE approval.
11. All walls less than 200mm thick to be reinforced with hoop iron at every alternate course.

MECHANICAL

12. All plumbing and drainage to comply with the relevant approving local authority's specifications.
13. All service ducts to be protected from all floors.
14. Deep seal or anti-vac to all fittings connected to the SVPs or waste pipes. All bends and junctions to have inspection plates.
15. SVP to be welded at the head of the drainage.
16. Drain pipes passing beneath buildings and driveways to be encased in 150mm concrete surround.
17. All underground drainage pipes and cast iron pipes shall be UPVC and comply to BS5454 and 5255. Cast iron to comply to BS5497 table 6 grade C except ones in the driveway which shall comply to BS5356.
18. All inspection chamber covers and manholes shall be cast iron to comply to BS5497 table 6 grade C except.
19. Storm water drain shall comply to BS5356.
20. Minimum slab depth shall be 150mm.
21. No chasing will be allowed in the slabs for pipes, Sleeves will be allowed in the slabs with the written approval of the structural Engineer.
22. All testing of pipes must be completed before plastering.
23. All mechanical works must be co-ordinated with the electrical works. Any conflicts must be clarified before work begins.

ELECTRICAL

- 24. All conduits must be laid before plastering.
 - 25. All electrical work must be co-ordinated with mechanical works. Any conflicts must be clarified before work begins.
- FIRE**
- 26. Install water ring main with fire hydrant with 2.5" instantaneous coupling adaptors
 - 27. Provide underground water tank with automatic electric booster pump for ring main
 - 28. provide automatic push button fire alarm system
 - 29. provide heat and smoke detectors in each room
 - provide 9kg. dry powder fire extinguishers to ME specifications

REVISIONS

[illegible]

Project :	
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PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT

Plot L. R. No.:

Location : **KIDONGO MOMBASA
COUNTY**

Client :

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE AND THE BLUE
ECONOMY

Signature

Subject :

WORKING DRAWINGS.

Consultancy :

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Drawn by:

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Reg. A2067

Checked by : -

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Date: NOV 2023

Job No. 2023/Nov/KIDONGO

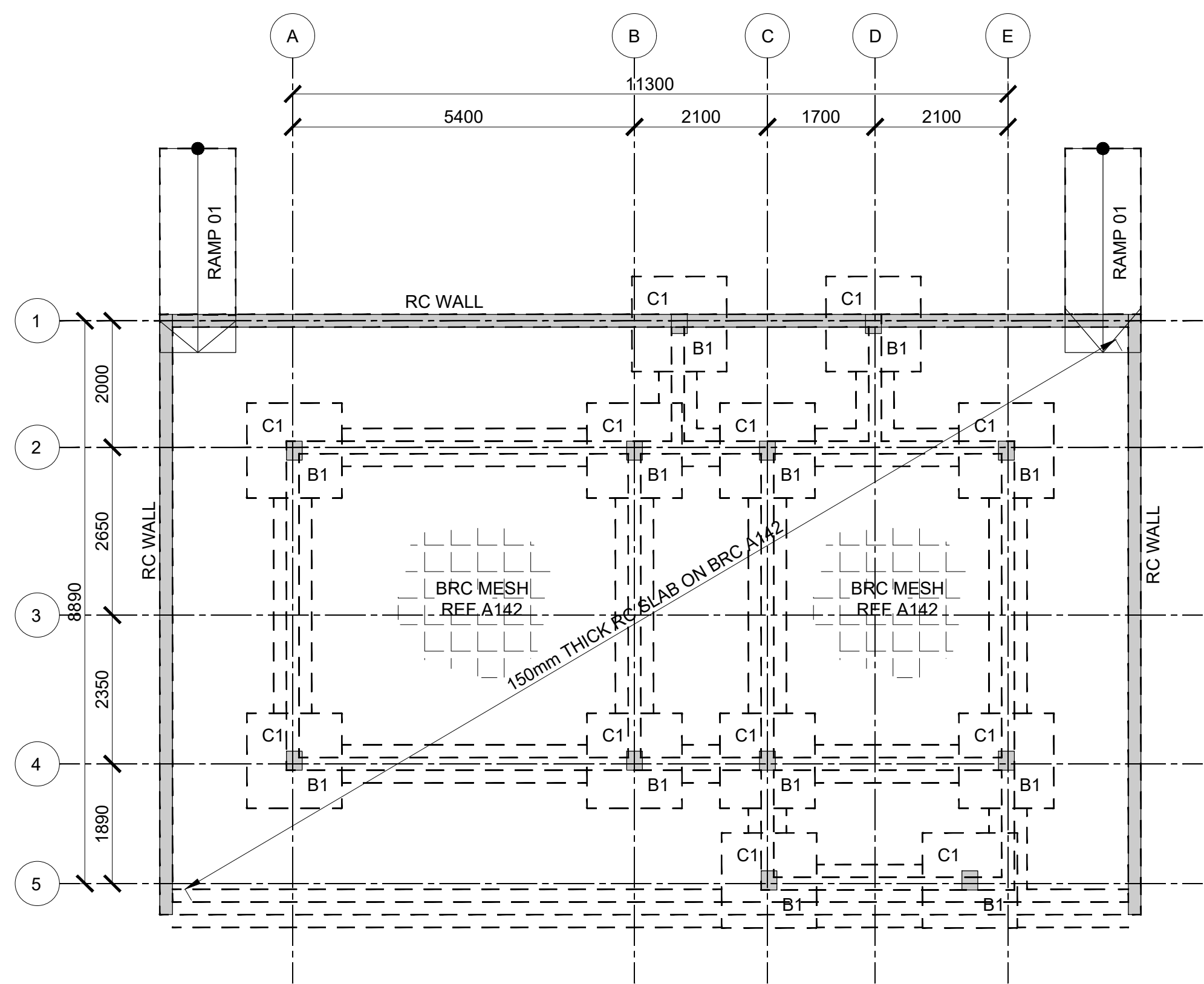
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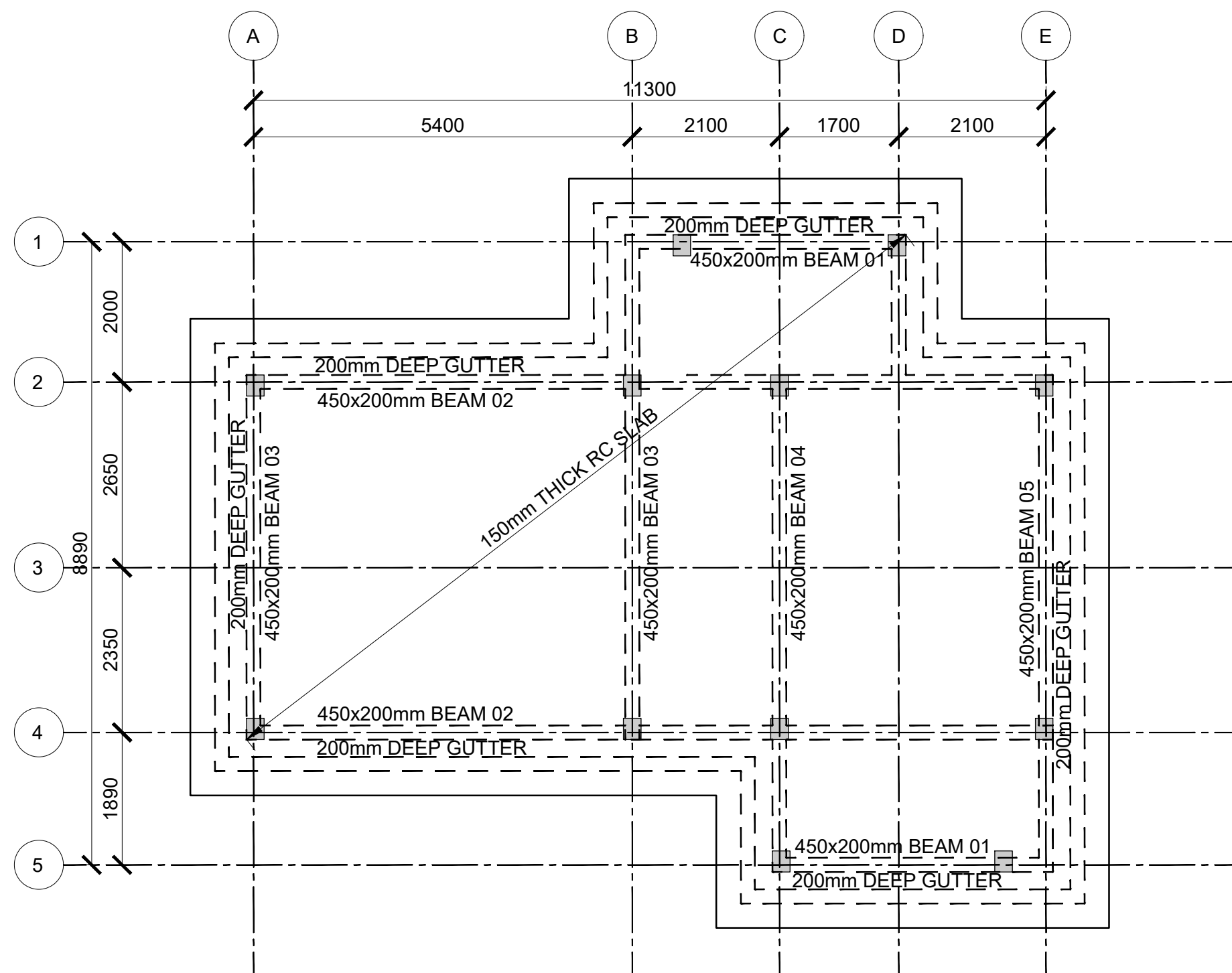
PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY - STRUCTURAL DRAWINGS									
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1		11-002-01		DRAWING LIST					
2		11-002-02		SITE PLAN					
3		11-002-03		BMU AND ABLUTION - STRUCTURAL DETAIL					
4		11-002-04		SOCIAL HALL - FOUNDATION AND ROOF DETAIL					
5		11-002-05		SOCIAL HALL - ROOF, GUTTER AND BEAM DETAIL					
6		11-002-06		FISH BANDA - FOUNDATION LAYOUT AND DETAIL					
7		11-002-07		FISH BANDA - ROOF 01, ROOF 02, GUTTER & COLUMN DETAIL					
8		11-002-08		MODERN FISH BANDA - BEAM DETAIL					
9		11-002-09		PUMP ROOM - STRUCTURAL DETAIL					
10		11-002-10		POWER ROOM - STRUCTURAL DETAIL					
11		11-002-11		FISH GEAR MENDING SHED - STRUCTURAL DETAIL					
12		11-002-12		ROAD SECTION AND PROFILE					
13		11-002-13		ROAD SECTION					
14		11-002-14		ROAD SECTION					
15		11-002-15		CIVIL WORKS 1					
16		11-002-16		CIVIL WORKS 2					
17		11-002-17		CIVIL WORKS 3					
18		11-002-18		BIO-REACTOR AND SOAK-PIT DETAIL					
19		11-002-19		GUARD HOUSE					
20		11-002-20		BOUNDARY WALL					
21		11-002-21		SURFACE TANK PLINTHS					
Consultant:- ARPRIM CONSORTIUM P.O. Box 12969-00100, Nairobi, KENYA. Tel: 02 608 906 Fax: 02 608 907 E-mail: info@arprimconsultants.com		CLIENT:- STATE DEPARTMENT FOR FISHERIES, AQUACULTURE AND THE BLUE ECONOMY.		PROJECT:- PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSD) NATIONAL AND COUNTY FISHERIES INFRASTRUCTURE.		PROJECT TITLE:- PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.		DRAWING TITLE:- DRAWING LIST	
NOTES 1. Read this drawing in conjunction with relevant G.A., Services and Architectural drawings. Any discrepancy to be reported to the Engineer. 2. All dimensions are in millimetres unless specified otherwise. 3. All levels are indicated in m unless specified otherwise. 4. Minimum cover to all reinforcement to be: 5. Maximum tolerance on concrete cover is +/- 5mm. 6. All high tensile (T) and mild steel (R) bars to be in accordance with BS 4449 and fabric mesh to be made from cold worked steel bars in accordance with BS 4483. 7. Minimum laps to all bars to be 500 unless stated otherwise.		Stairs, Slabs & Walls = 35mm Beams (main bars) = 35mm Post-tensioned beams = 40mm Columns (main bars) = 40mm Foundations = 75mm		8. Safe Bearing Pressure taken to be 250 KN/m². 9. Nominal aggregate size to be 20mm. 10. Structural concrete to be Class 25 unless stated otherwise. 11. Concrete blinding to be Class 15 unless stated otherwise. 12. Masonry Strength to be 7.0 N/mm².		Designed by DAN Drawn by DAN Checked by HOH Scale AS SHOWN		Rev D C B A	
								By	
								Date	
								DRAWING NO. 11-002-01	



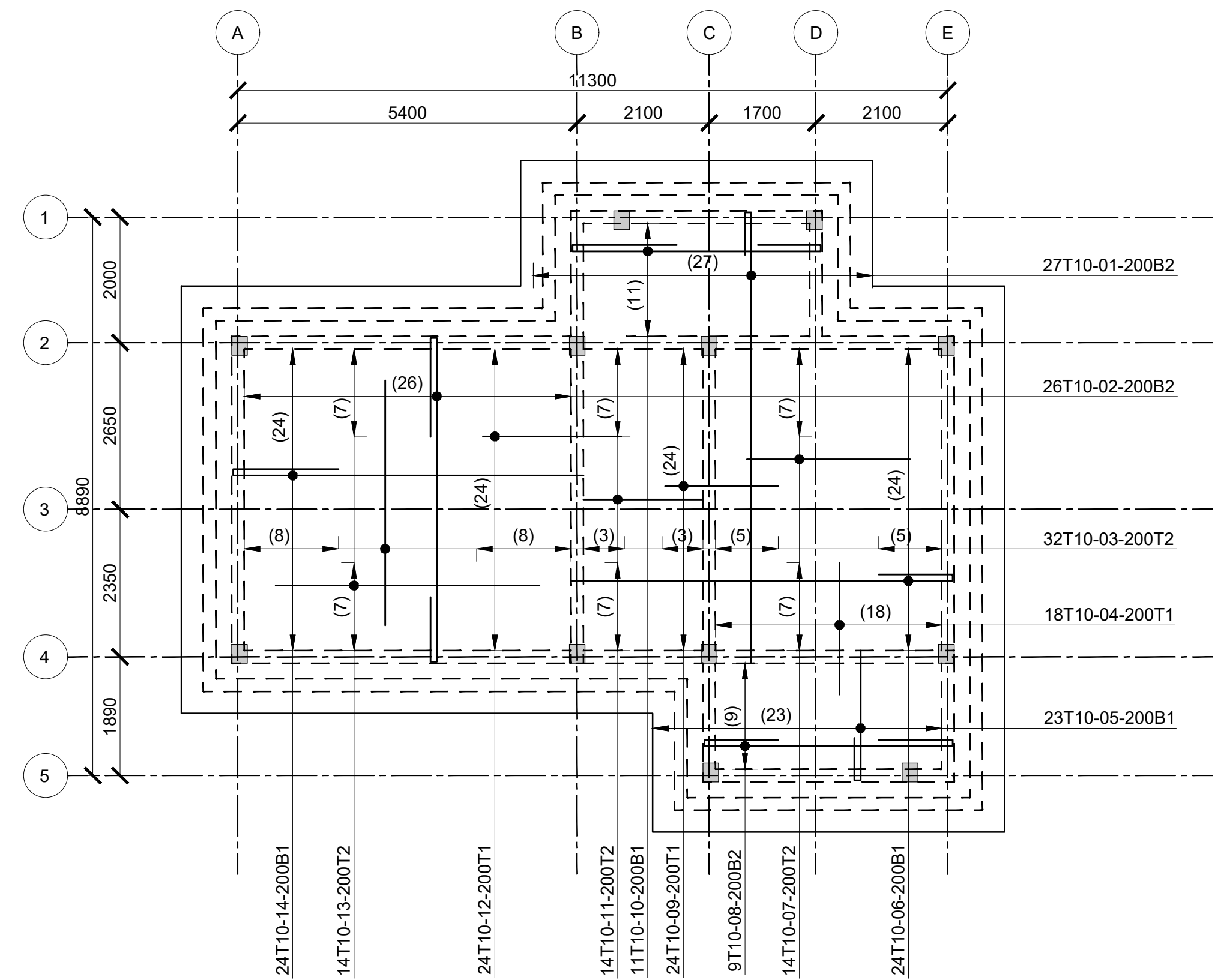
<p>Consultant:- ARPRIM CONSORTIUM P.O. Box 12969-00100, Nairobi, KENYA. Tel: 02 608 906 Fax: 02 608 907 E-mail: info@arprimconsultants.com</p>	<p>CLIENT:- STATE DEPARTMENT FOR FISHERIES, AQUACULTURE AND THE BLUE ECONOMY.</p>	<p>PROJECT:- PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSED) NATIONAL AND COUNTY FISHERIES INFRASTRUCTURE.</p>	<p>PROJECT TITLE:- PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.</p> <p>DRAWING TITLE:- SITE PLAN</p>	<p>NOTES</p> <p>1. Read this drawing in conjunction with relevant G.A., Services and Architectural drawings. Any discrepancy to be reported to the Engineer.</p> <p>2. All dimensions are in millimetres unless specified otherwise.</p> <p>3. All levels are indicated in m unless specified otherwise.</p> <p>4. Minimum cover to all reinforcement to be:</p> <p>Stairs, Slabs & Walls Beams (main bars) = 35mm Post-tensioned beams = 40mm Columns (main bars) = 40mm Foundations = 75mm</p> <p>5. Maximum tolerance on concrete cover is +/- 5mm.</p> <p>6. All high tensile (T) and mild steel (R) bars to be in accordance with BS 4449 and fabric mesh to be made from cold worked steel bars in accordance with BS 4483.</p> <p>7. Minimum laps to all bars to be 500 unless stated otherwise.</p> <p>8. Safe Bearing Pressure taken to be 250 KN/m².</p> <p>9. Nominal aggregate size to be 20mm.</p> <p>10. Structural concrete to be Class 25 unless stated otherwise.</p> <p>11. Concrete blinding to be Class 15 unless stated otherwise.</p> <p>12. Masonry Strength to be 7.0 N/mm².</p>	<table><tr><td>Designed by</td><td>DAN</td><td>Rev</td><td>Description</td><td>By</td><td>Date</td></tr><tr><td>Drawn by</td><td>DAN</td><td>D</td><td></td><td></td><td></td></tr><tr><td>Checked by</td><td>HOH</td><td>C</td><td></td><td></td><td></td></tr><tr><td>Scale</td><td>AS SHOWN</td><td>B</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>A</td><td></td><td></td><td></td></tr></table> <div>DRAWING NO. 11-002-02</div>	Designed by	DAN	Rev	Description	By	Date	Drawn by	DAN	D				Checked by	HOH	C				Scale	AS SHOWN	B						A			
Designed by	DAN	Rev	Description	By	Date																														
Drawn by	DAN	D																																	
Checked by	HOH	C																																	
Scale	AS SHOWN	B																																	
		A																																	



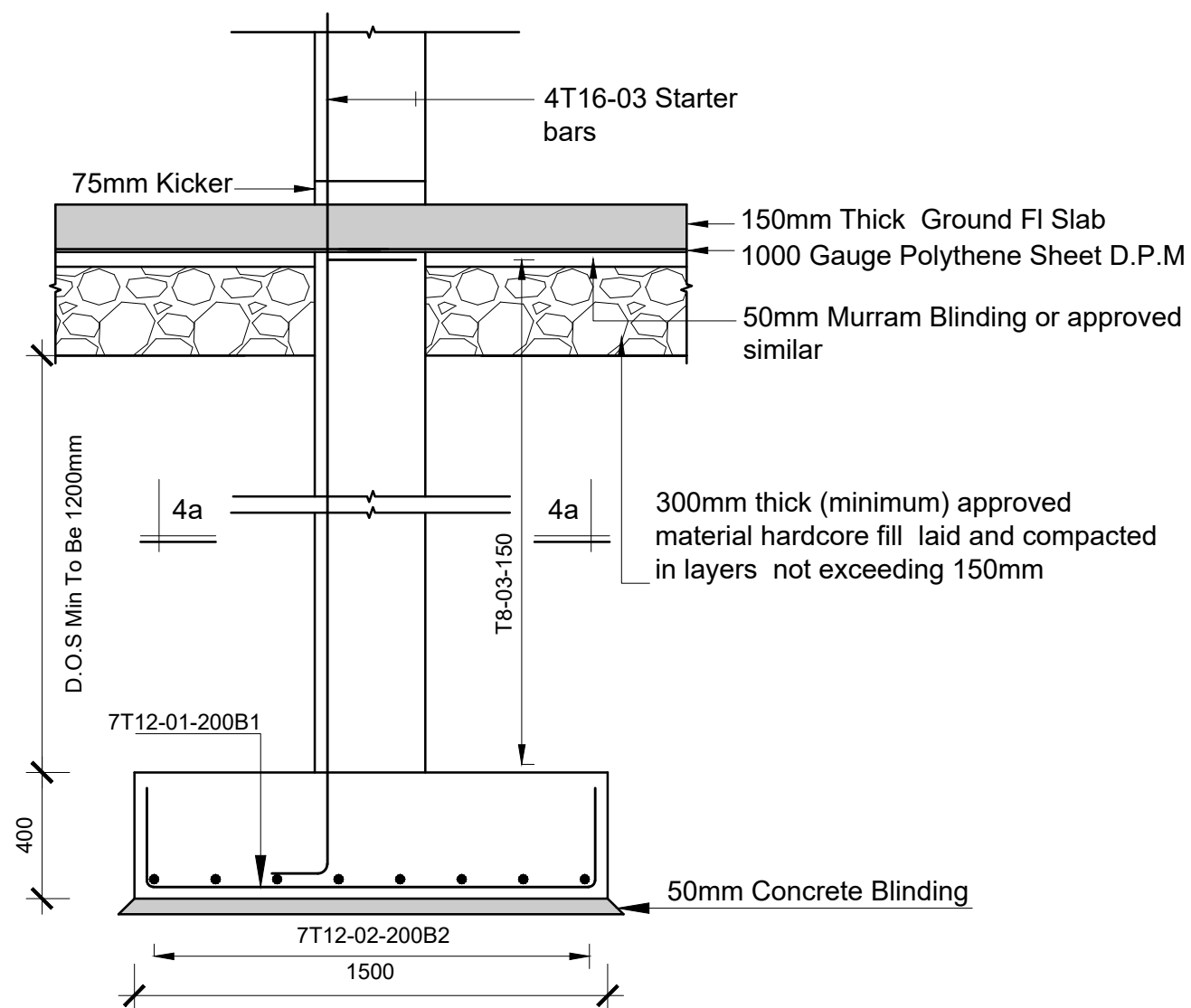
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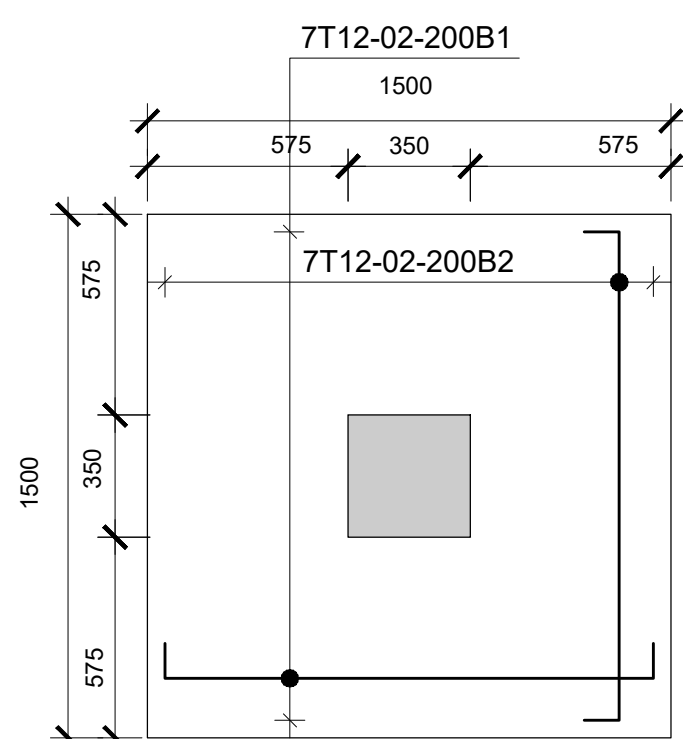
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(SCALE 1:100)



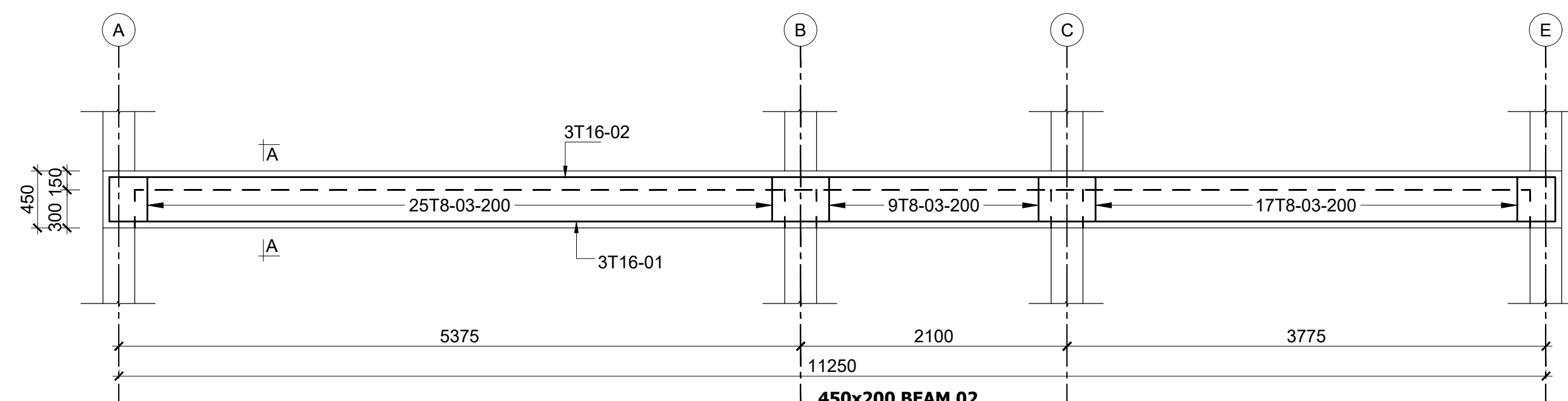
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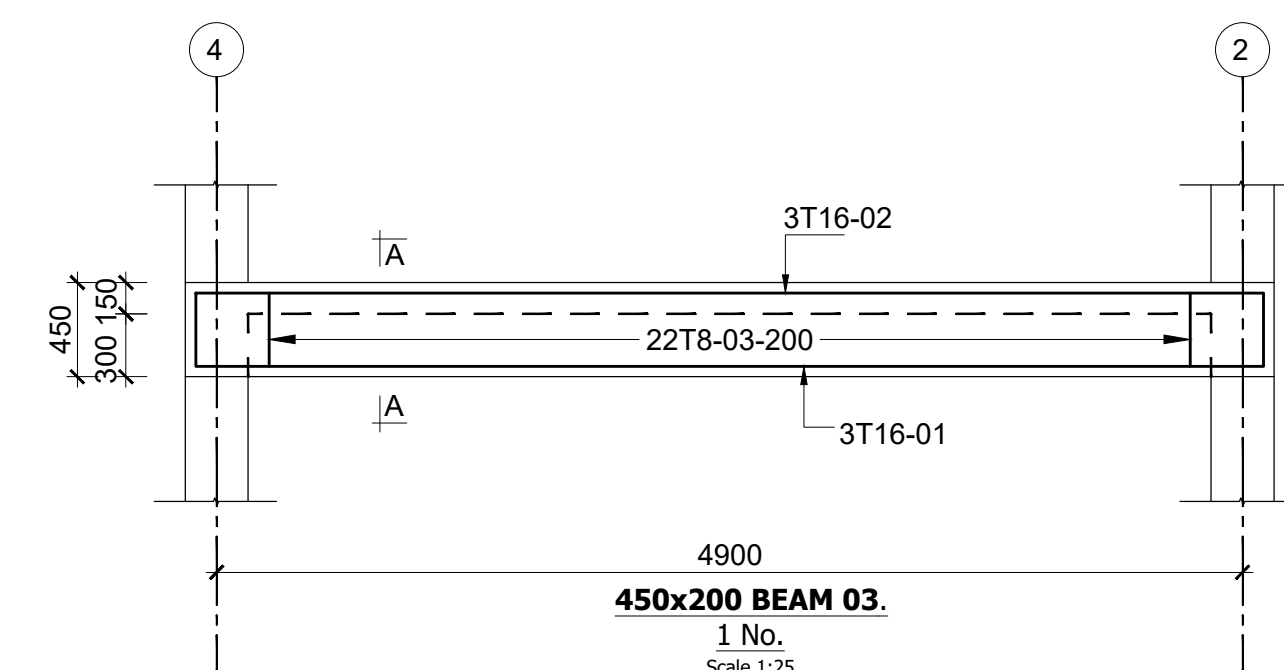
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(WITH COL C1)
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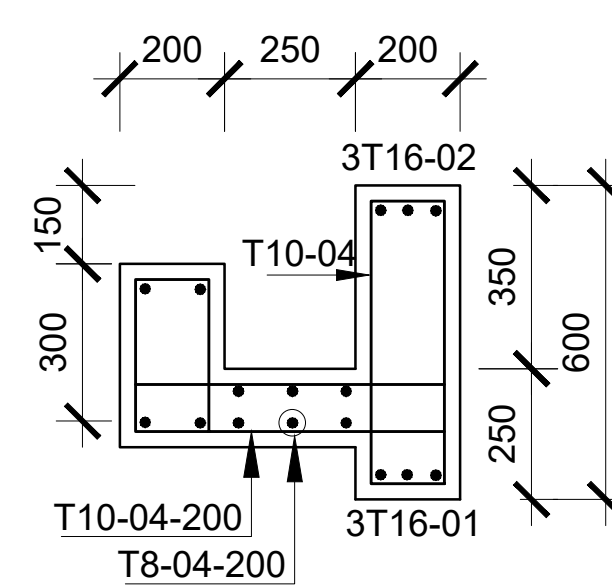
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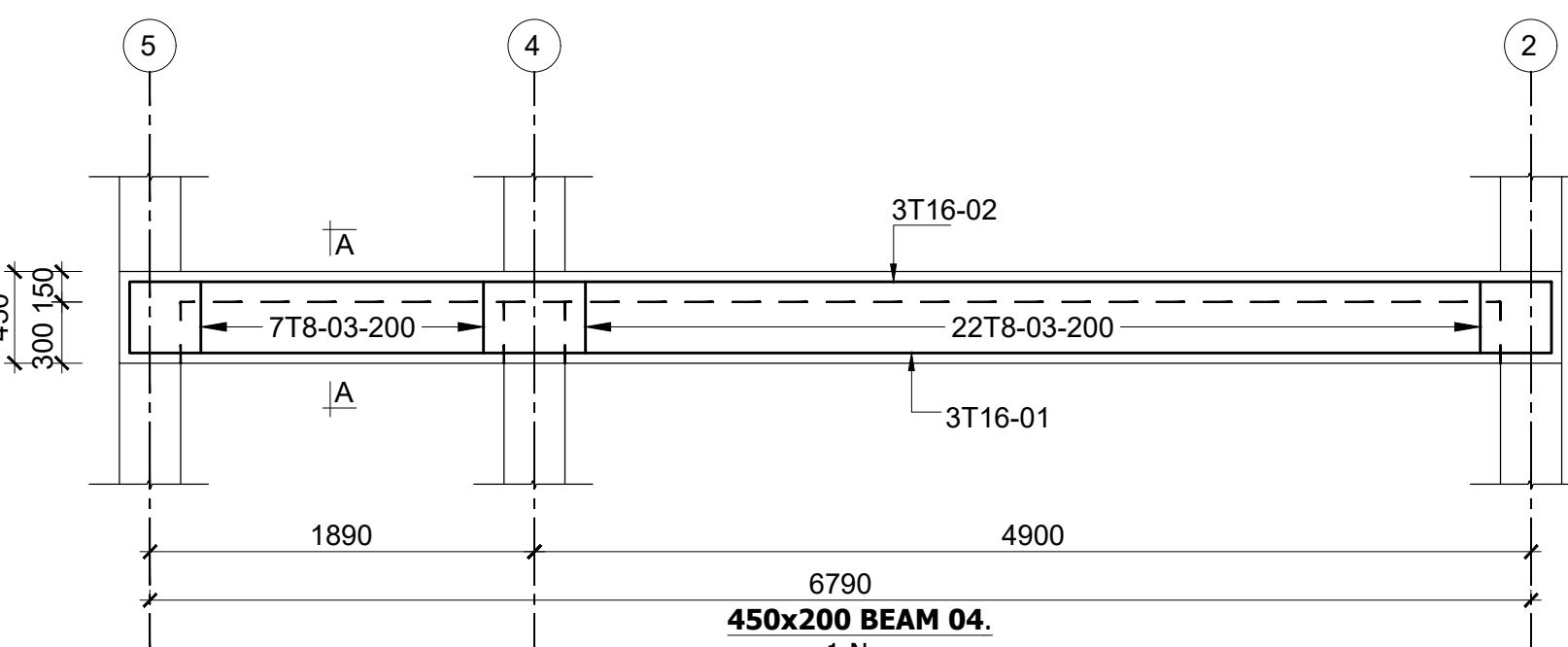
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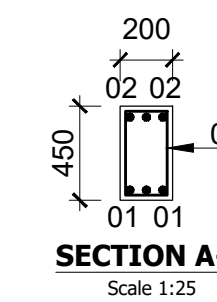
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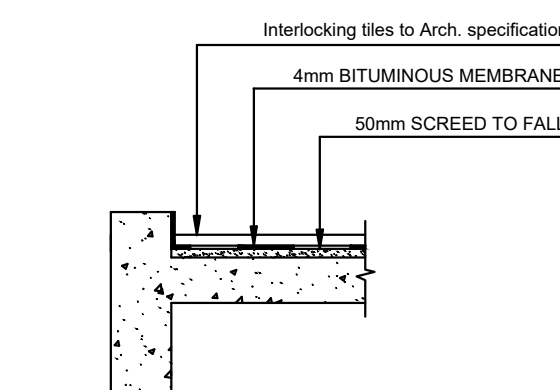
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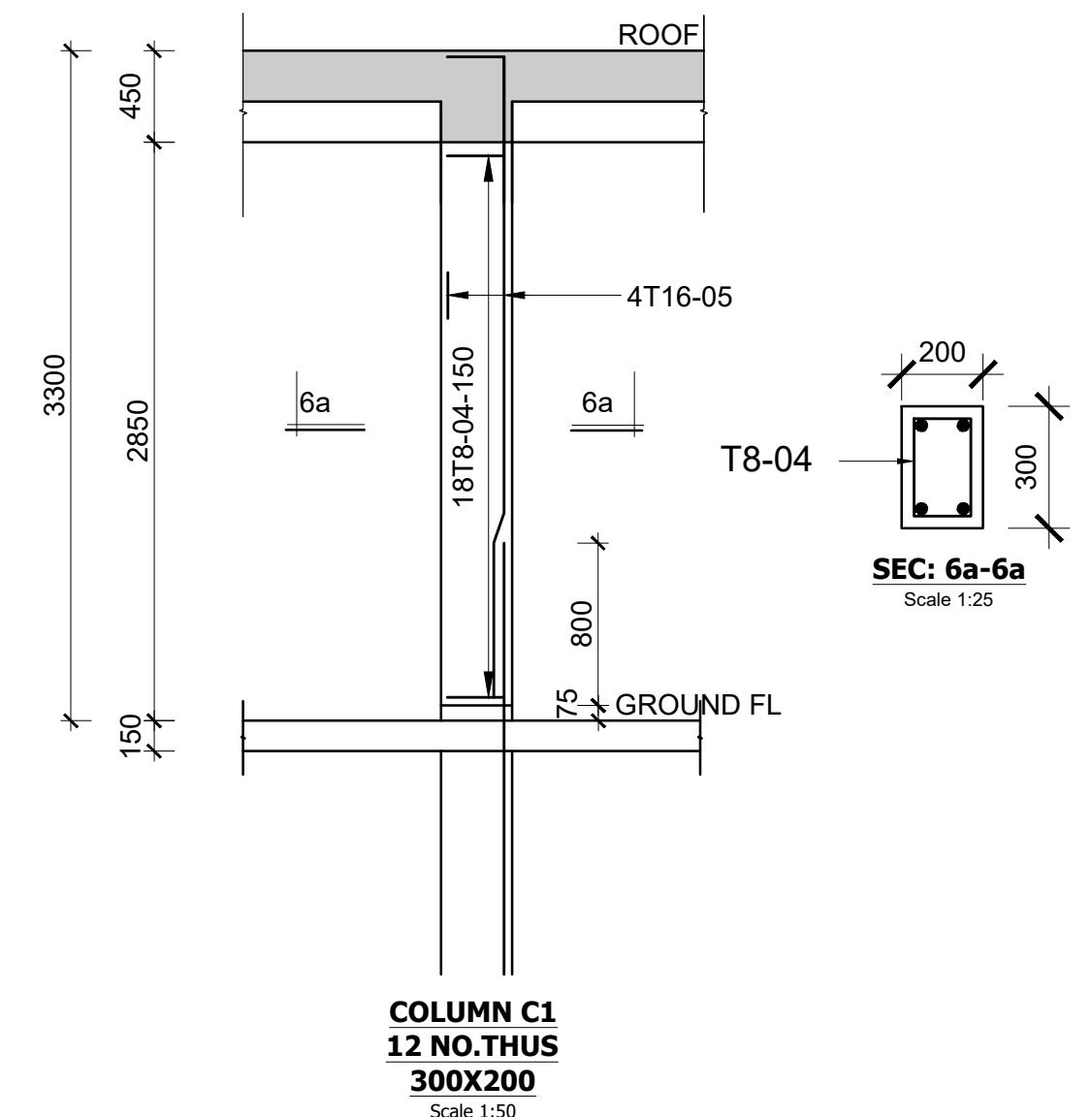
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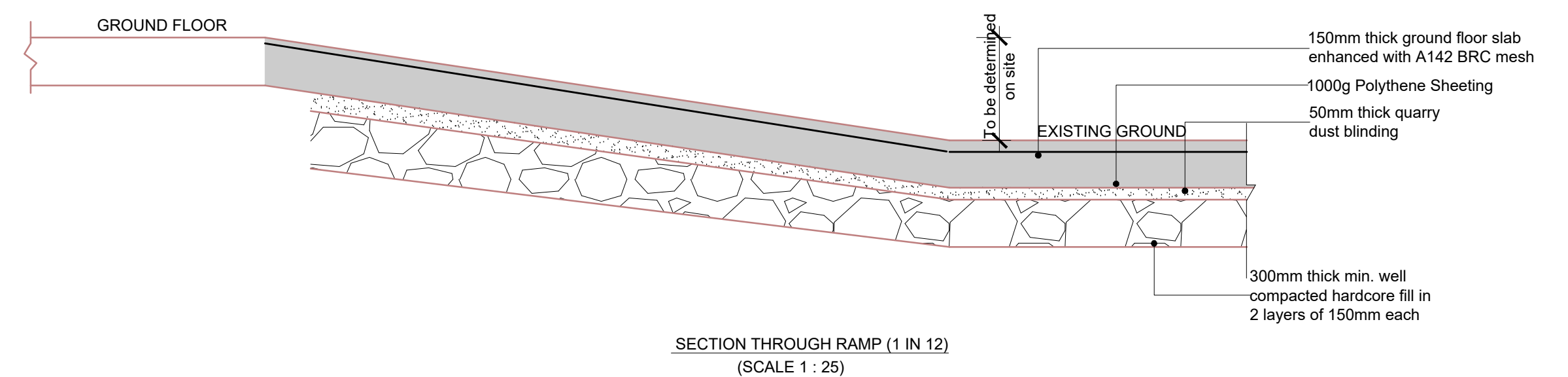
SECTION A-A
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TYPICAL ROOF SLAB
W/POOFING DETAIL

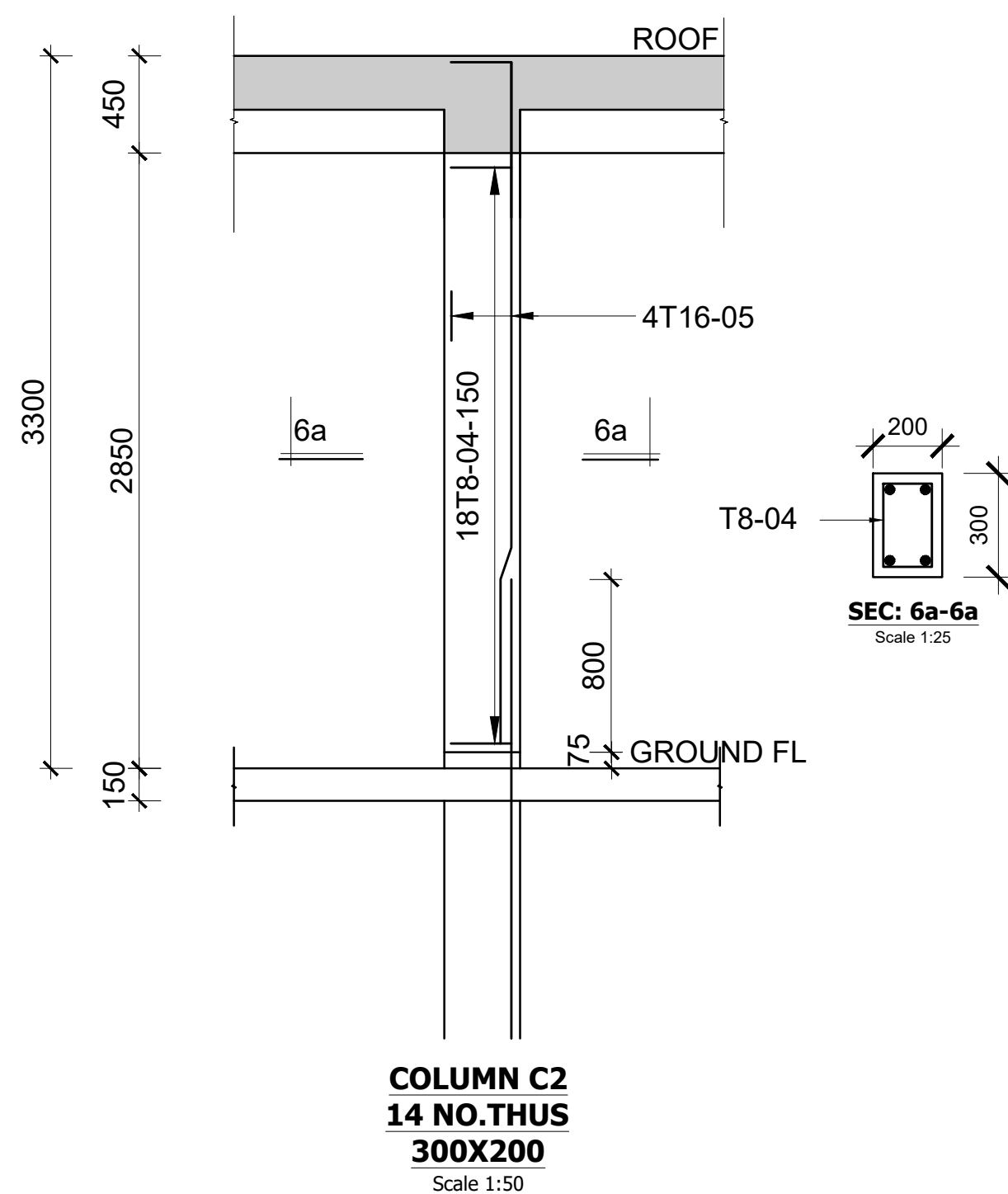
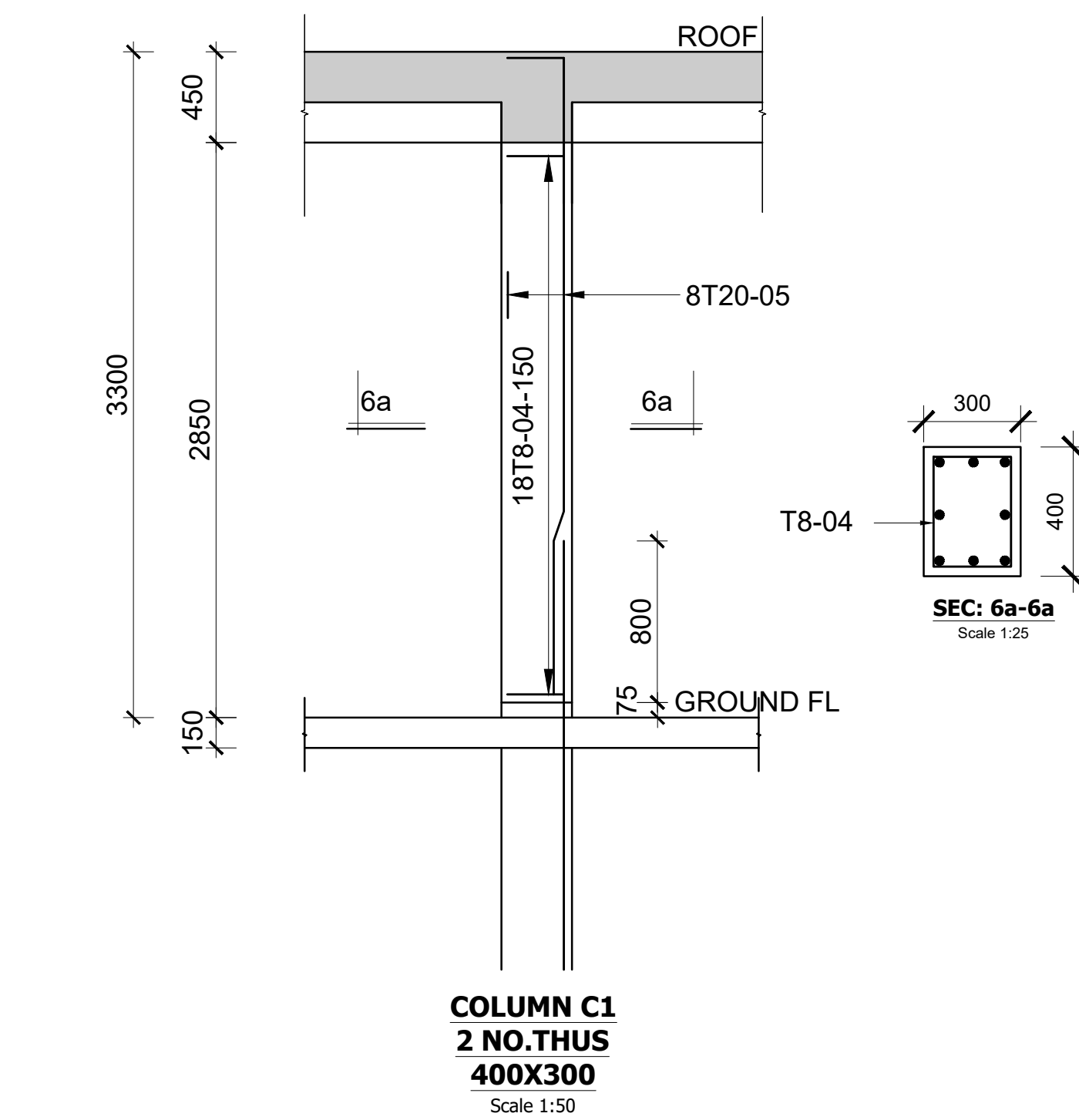
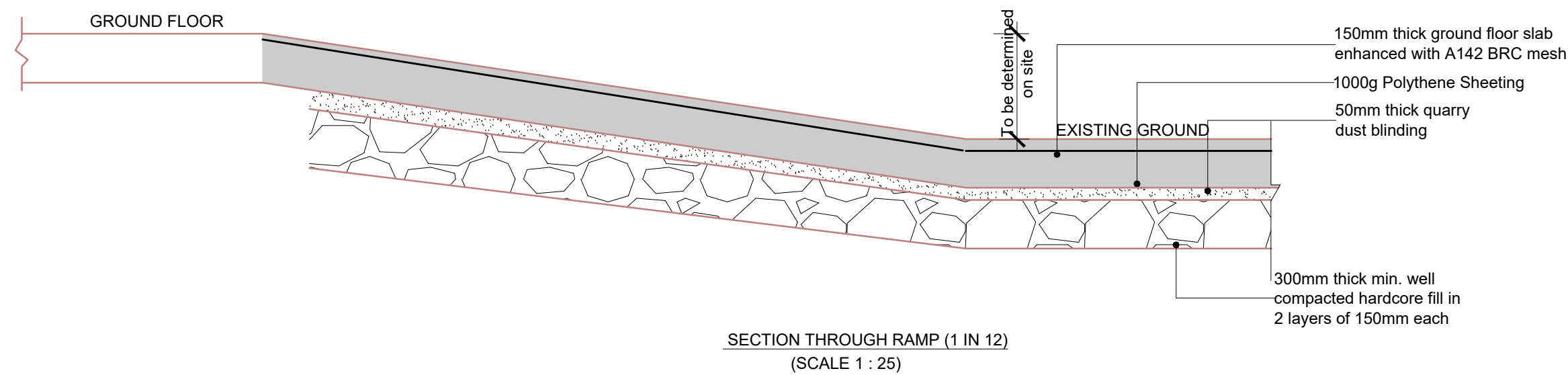
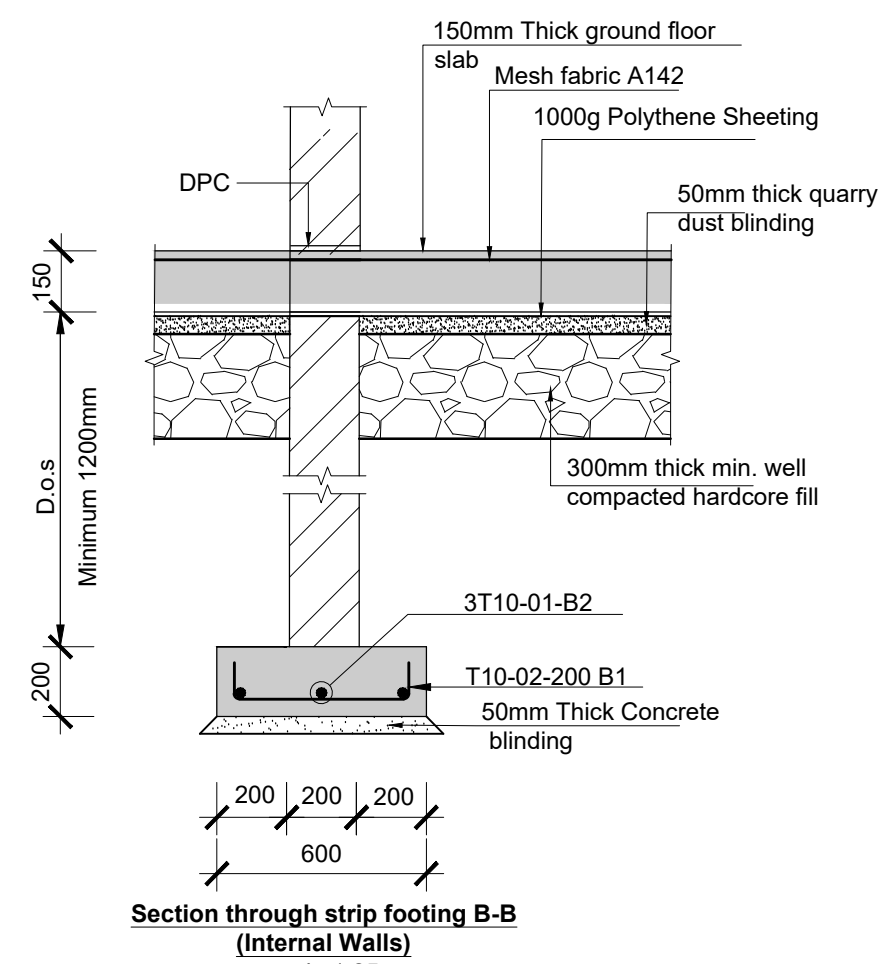
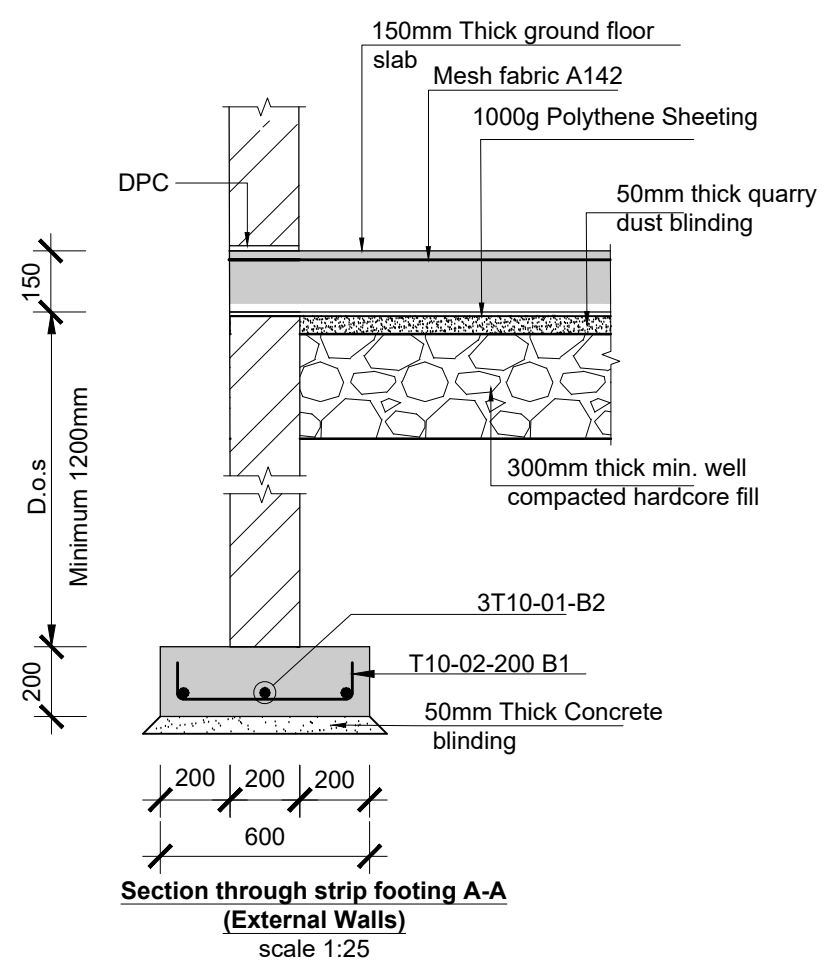
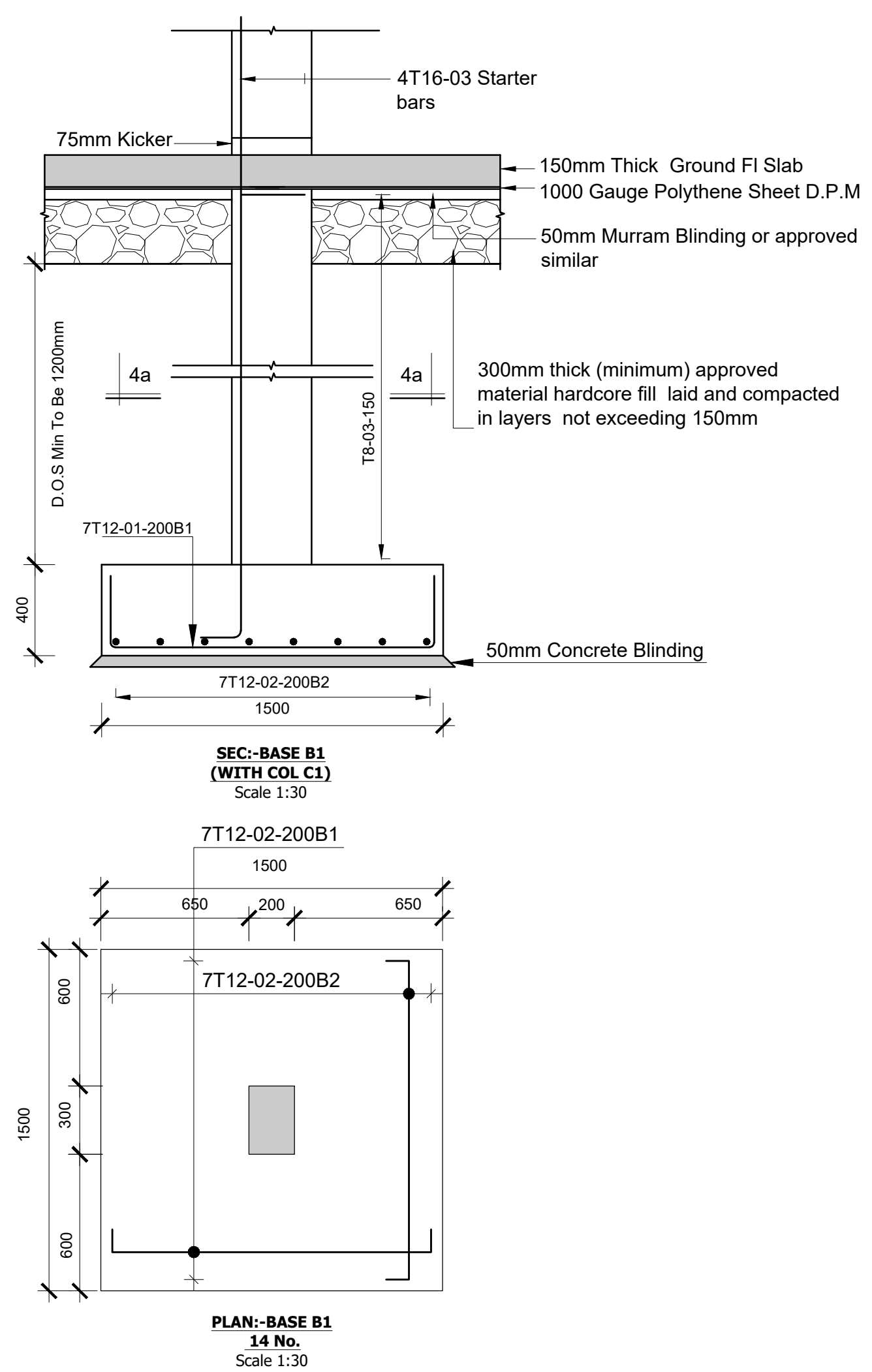
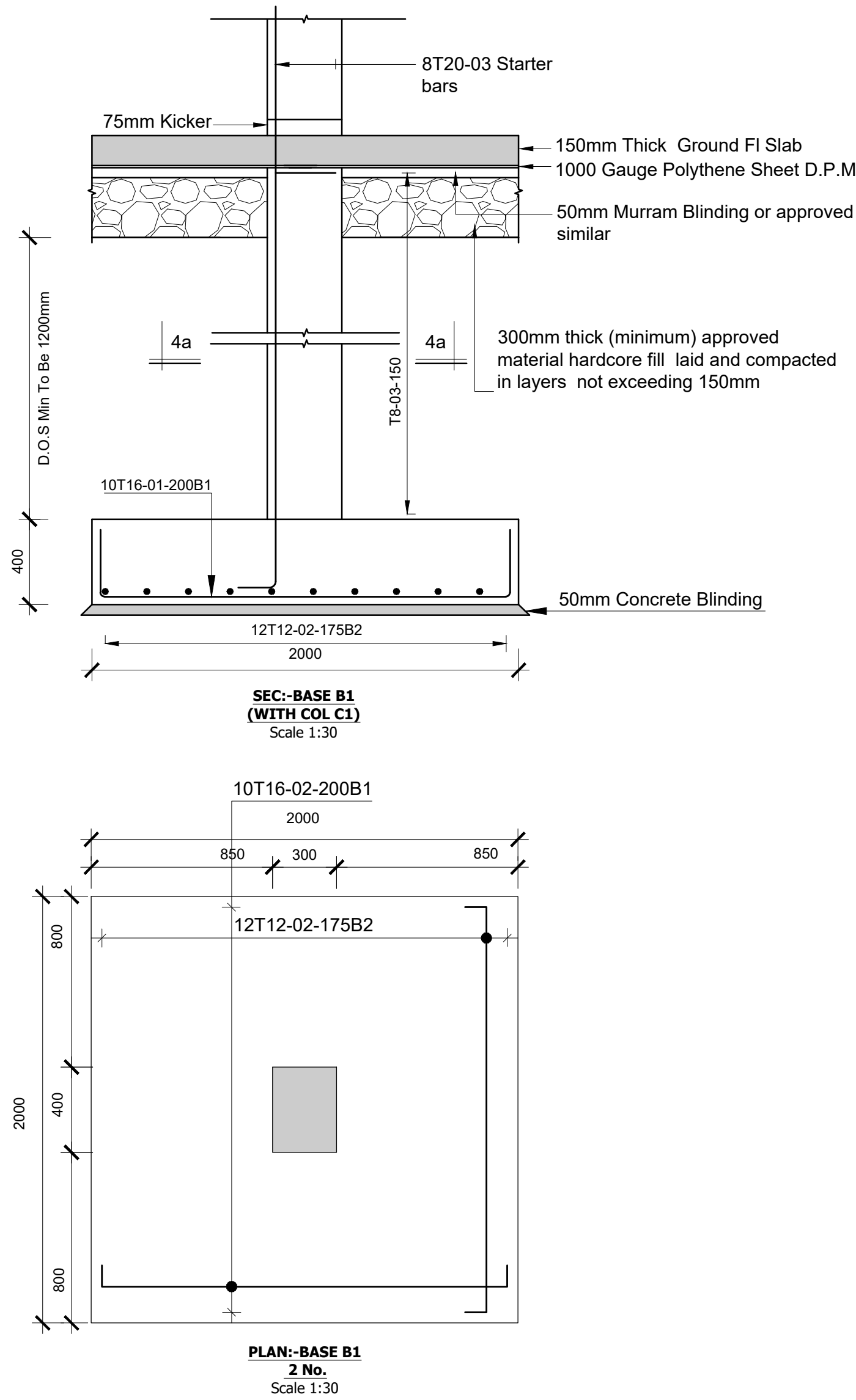
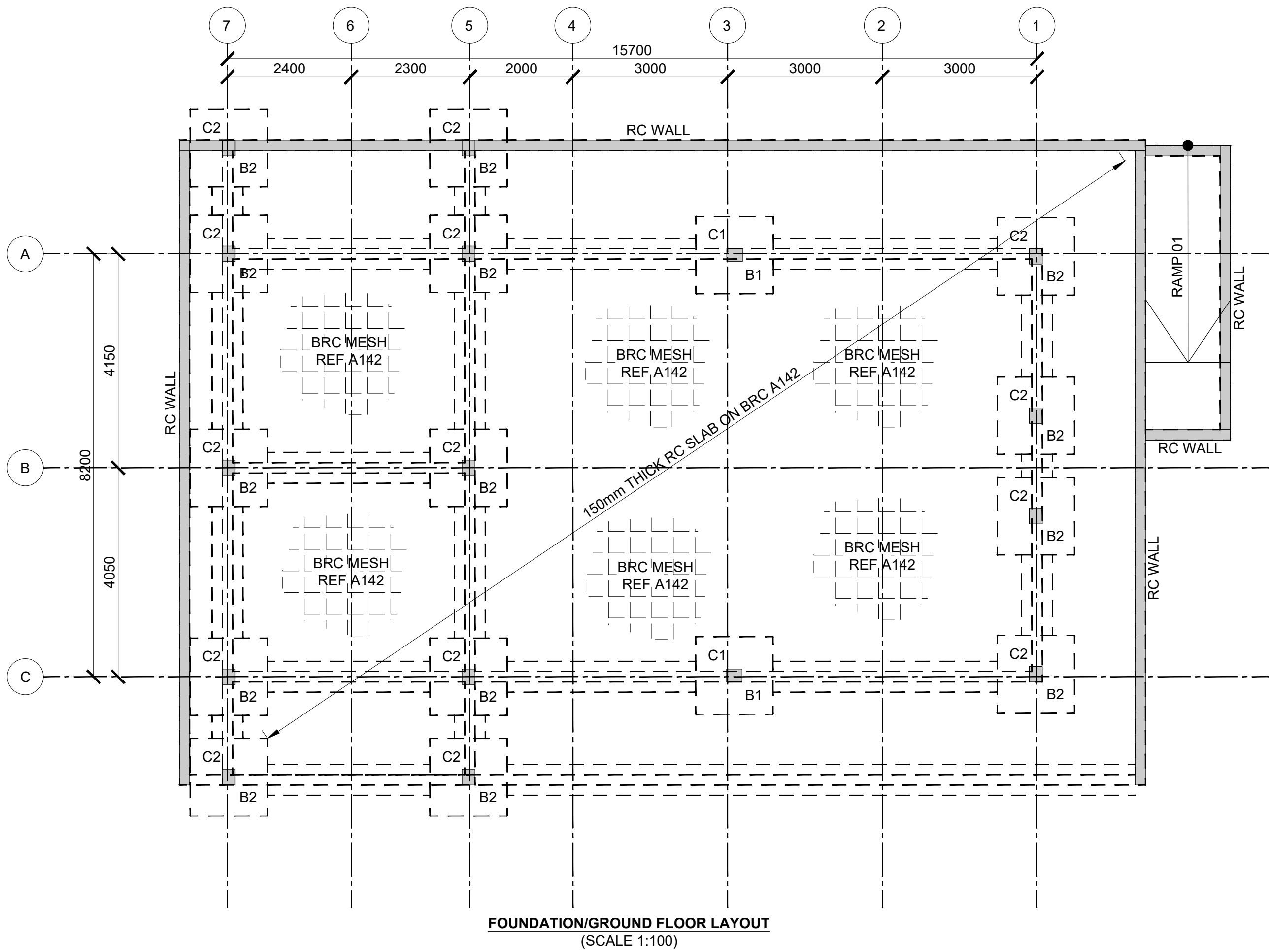


COLUMN C1
12 NO. THUS
300X200
Scale 1:50



SECTION THROUGH RAMP (1 IN 12)
(SCALE 1:25)

Consultant:- ARPRIM CONSORTIUM P.O. Box 12969-00100, Nairobi, KENYA. Tel: 02 608 906 Fax: 02 608 907 E-mail: info@arprimconsultants.com	CLIENT:- STATE DEPARTMENT FOR FISHERIES, AQUACULTURE AND THE BLUE ECONOMY.	PROJECT:- PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSD) NATIONAL AND COUNTY FISHERIES INFRASTRUCTURE.	PROJECT TITLE:- PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.	NOTES 1. Read this drawing in conjunction with relevant G.A., Services and Architectural drawings. Any discrepancy to be reported to the Engineer. 2. All dimensions are in millimetres unless specified otherwise. 3. All levels are indicated in m unless specified otherwise. 4. Minimum cover to all reinforcement to be: Stairs, Slabs & Walls = 35mm Beams (main bars) = 40mm Columns (main bars) = 40mm Foundations = 75mm 5. Maximum tolerance on concrete cover is +/- 5mm. 6. All high tensile (T) and mild steel (R) bars to be in accordance with BS 4449 and fabric mesh to be made from cold worked steel bars in accordance with BS 4483. 7. Minimum laps to all bars to be 500 unless stated otherwise.	8. Safe Bearing Pressure taken to be 250 KN/m². 9. Nominal aggregate size to be 20mm. 10. Structural concrete to be Class 25 unless stated otherwise. 11. Concrete blinding to be Class 15 unless stated otherwise. 12. Masonry Strength to be 7.0 N/mm².	Designed by DAN Drawn by DAN Checked by HOH Scale AS SHOWN	Rev D C B A	Description	By	Date
DRAWING NO. 11-002-03										



Consultant:-
ARPRIM CONSORTIUM
P.O. Box 12969-00100,
Nairobi, KENYA.
Tel: 02 608 906
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E-mail: info@arprimconsultants.com

CLIENT:-
**STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE AND THE BLUE ECONOMY.**

PROJECT:-
**PROPOSED KENYA MARINE FISHERIES AND
SOCIO-ECONOMIC DEVELOPMENT (KEMFSED) NATIONAL
AND COUNTY FISHERIES INFRASTRUCTURE.**

PROJECT TITLE:-
PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.

DRAWING TITLE:-
SOCIAL HALL - FOUNDATION AND ROOF DETAIL

NOTES

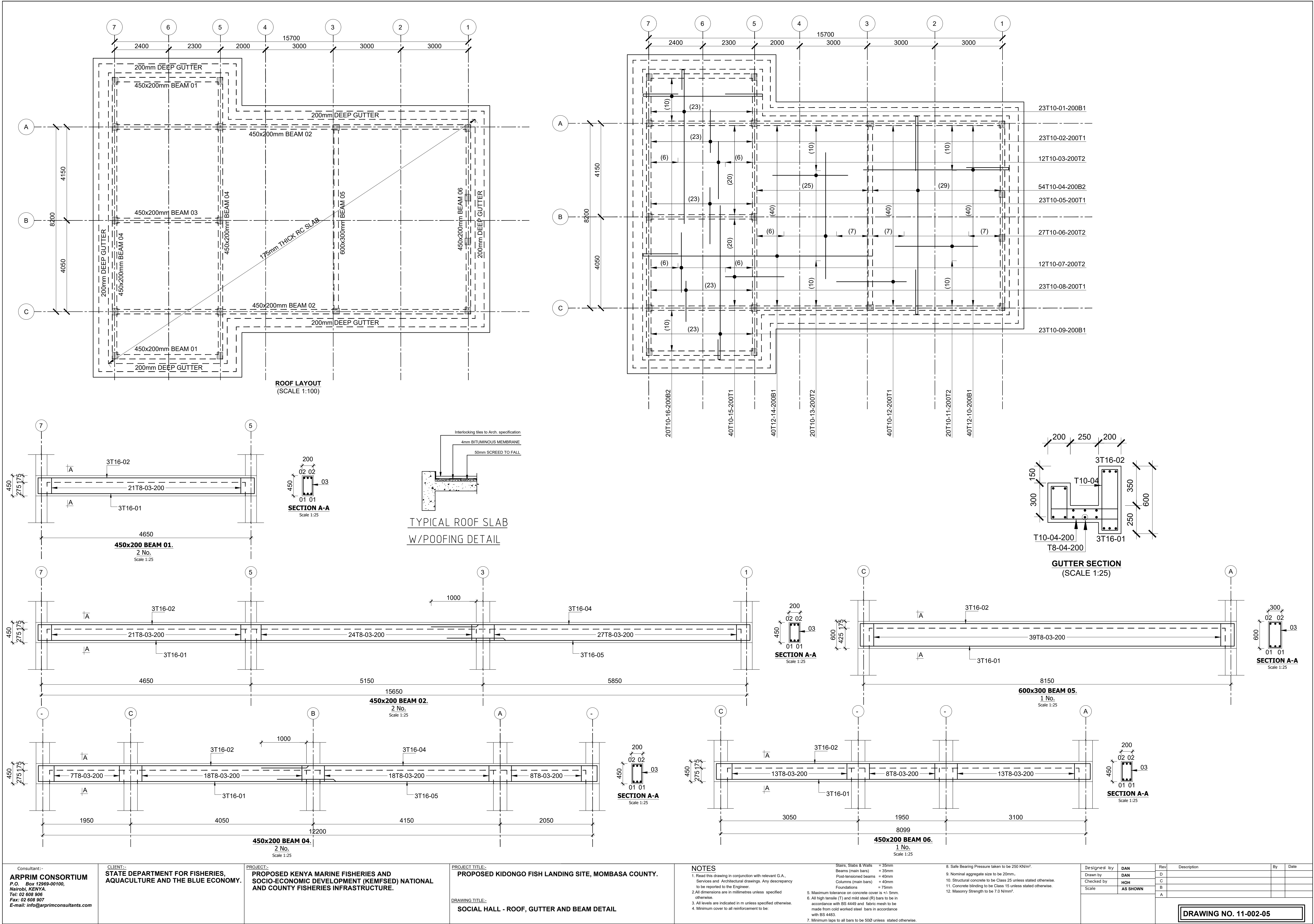
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7. Minimum laps to all bars to be 500 unless stated otherwise.

8. Safe Bearing Pressure taken to be 250 KN/m².
9. Nominal aggregate size to be 20mm.
10. Structural concrete to be Class 25 unless stated otherwise.
11. Concrete blinding to be Class 15 unless stated otherwise.
12. Masonry Strength to be 7.0 N/mm².

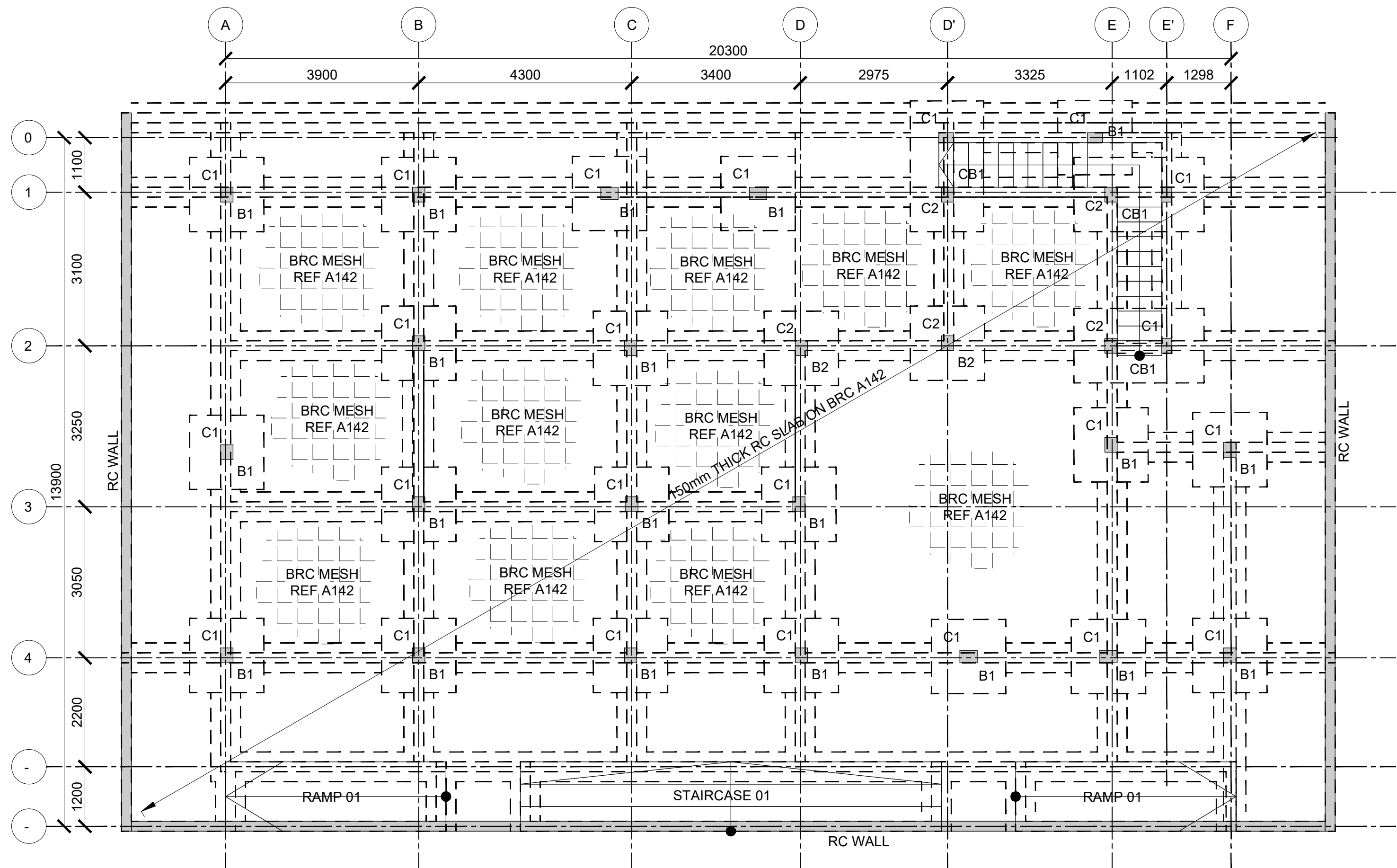
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Drawn by	DAN	D			
Checked by	HOH	C			
Scale	AS SHOWN	B			
		A			

DRAWING NO. 11-002-04

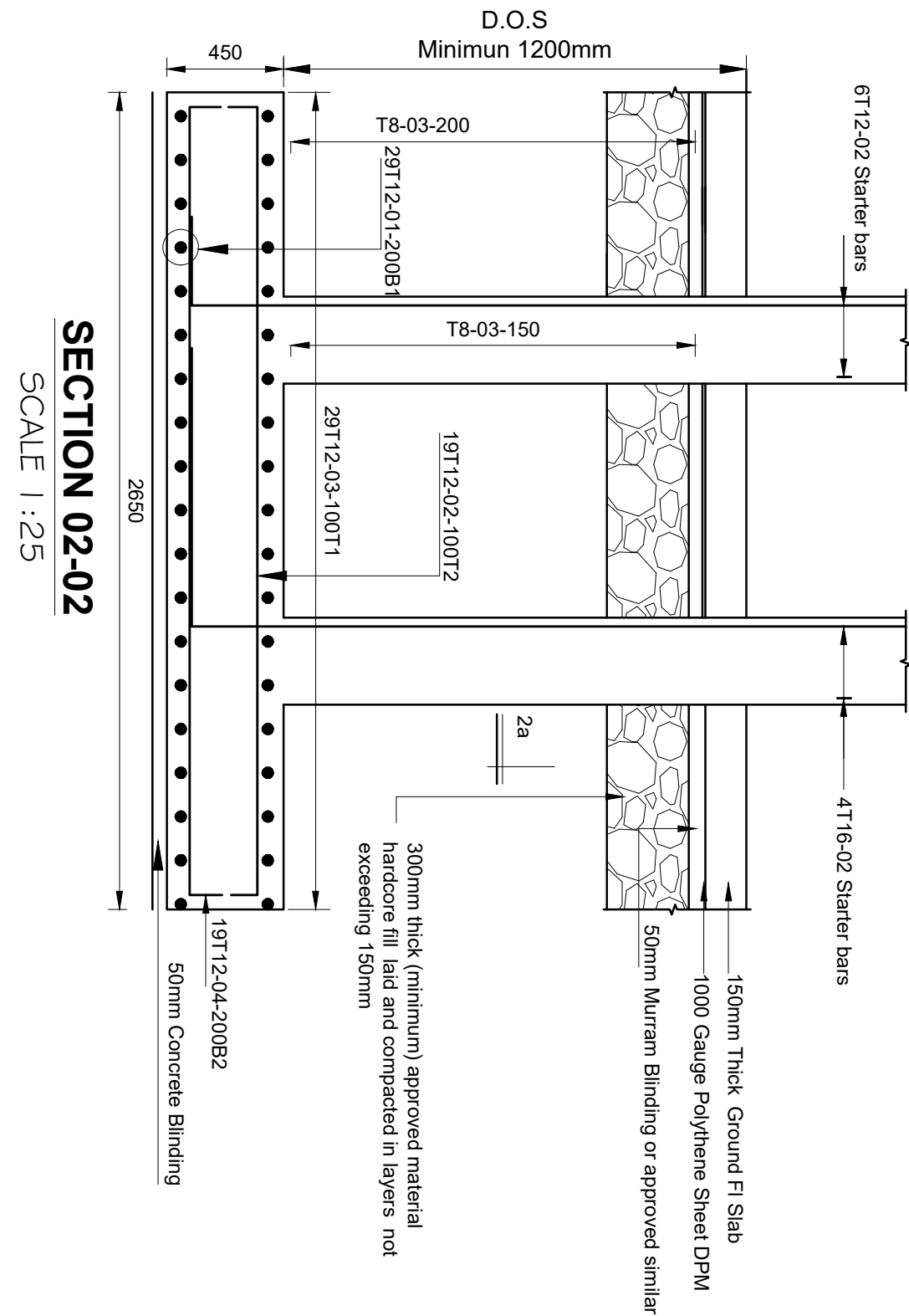


Consultant:- ARPRIM CONSORTIUM P.O. Box 12969-00100, Nairobi, KENYA. Tel: 02 608 906 Fax: 02 608 907 E-mail: info@arprimconsultants.com	CLIENT:- STATE DEPARTMENT FOR FISHERIES, AQUACULTURE AND THE BLUE ECONOMY.	PROJECT:- PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSD) NATIONAL AND COUNTY FISHERIES INFRASTRUCTURE.	PROJECT TITLE:- PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.	DRAWING TITLE:- SOCIAL HALL - ROOF, GUTTER AND BEAM DETAIL	NOTES 1. Read this drawing in conjunction with relevant G.A., Services and Architectural drawings. Any discrepancy to be reported to the Engineer. 2. All dimensions are in millimetres unless specified otherwise. 3. All levels are indicated in m unless specified otherwise. 4. Minimum cover to all reinforcement to be: Stairs, Slabs & Walls Beams (main bars) Post-tensioned beams Columns (main bars) Foundations 5. Maximum tolerance on concrete cover is +/- 5mm. 6. All high tensile (T) and mild steel (R) bars to be in accordance with BS 4449 and fabric mesh to be made from cold worked steel bars in accordance with BS 4483. 7. Minimum laps to all bars to be 500 unless stated otherwise. 8. Safe Bearing Pressure taken to be 250 KN/m². 9. Nominal aggregate size to be 20mm. 10. Structural concrete to be Class 25 unless stated otherwise. 11. Concrete blinding to be Class 15 unless stated otherwise. 12. Masonry Strength to be 7.0 N/mm².	Designed by DAN	Rev D	Description	By	Date
						Drawn by DAN	C			
						Checked by HOH	B			
						Scale AS SHOWN	A			

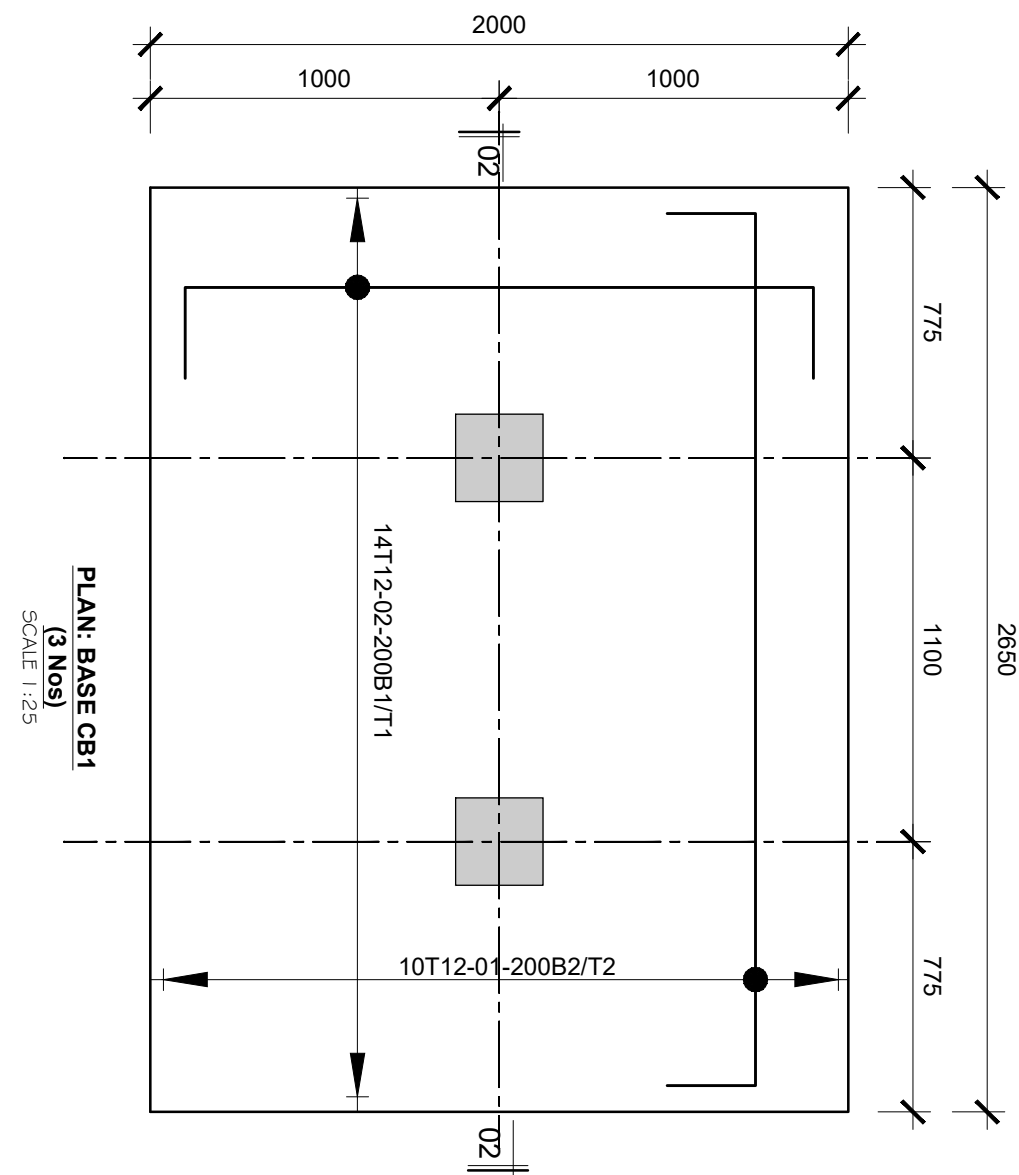
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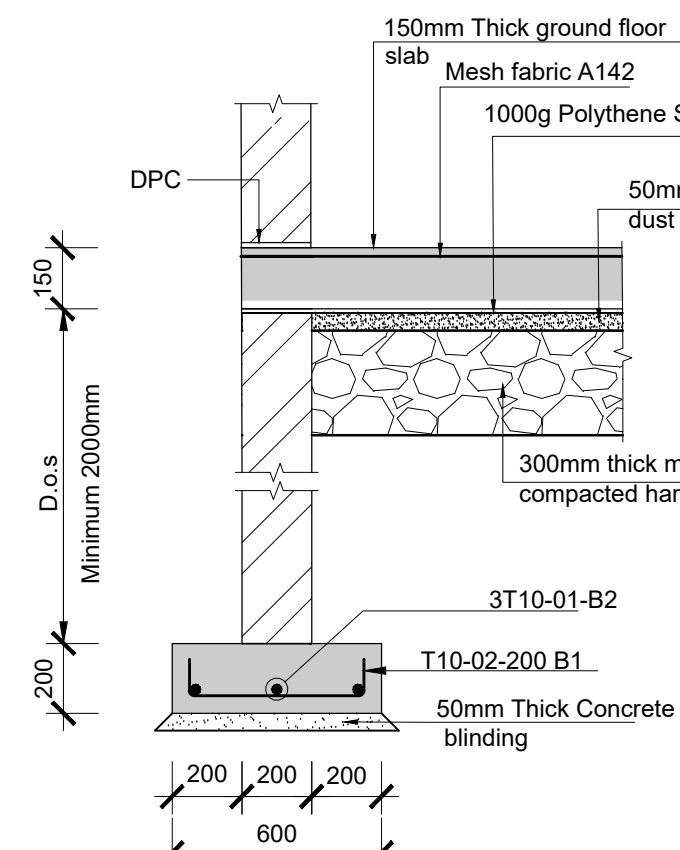
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(SCALE 1:100)



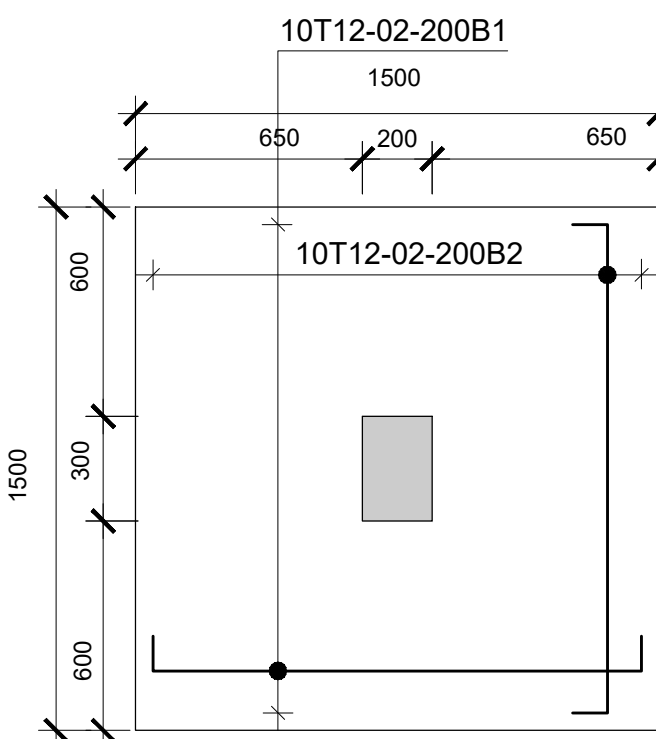
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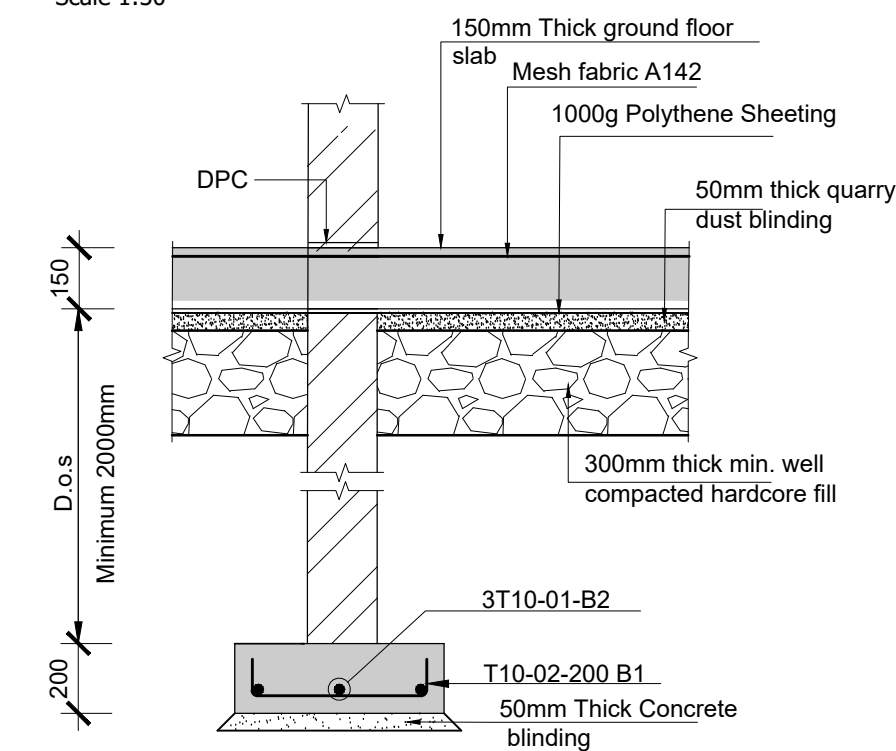
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SCALE 1:25



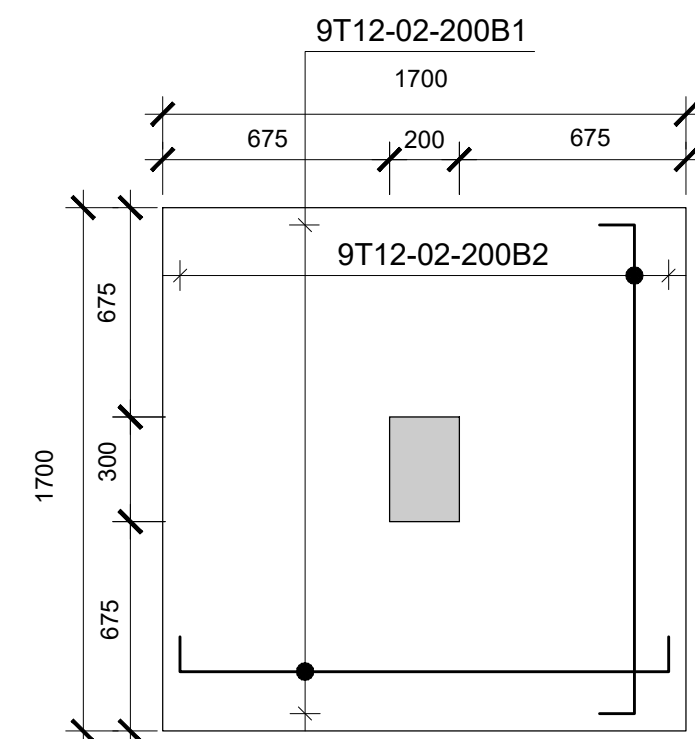
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scale 1:25



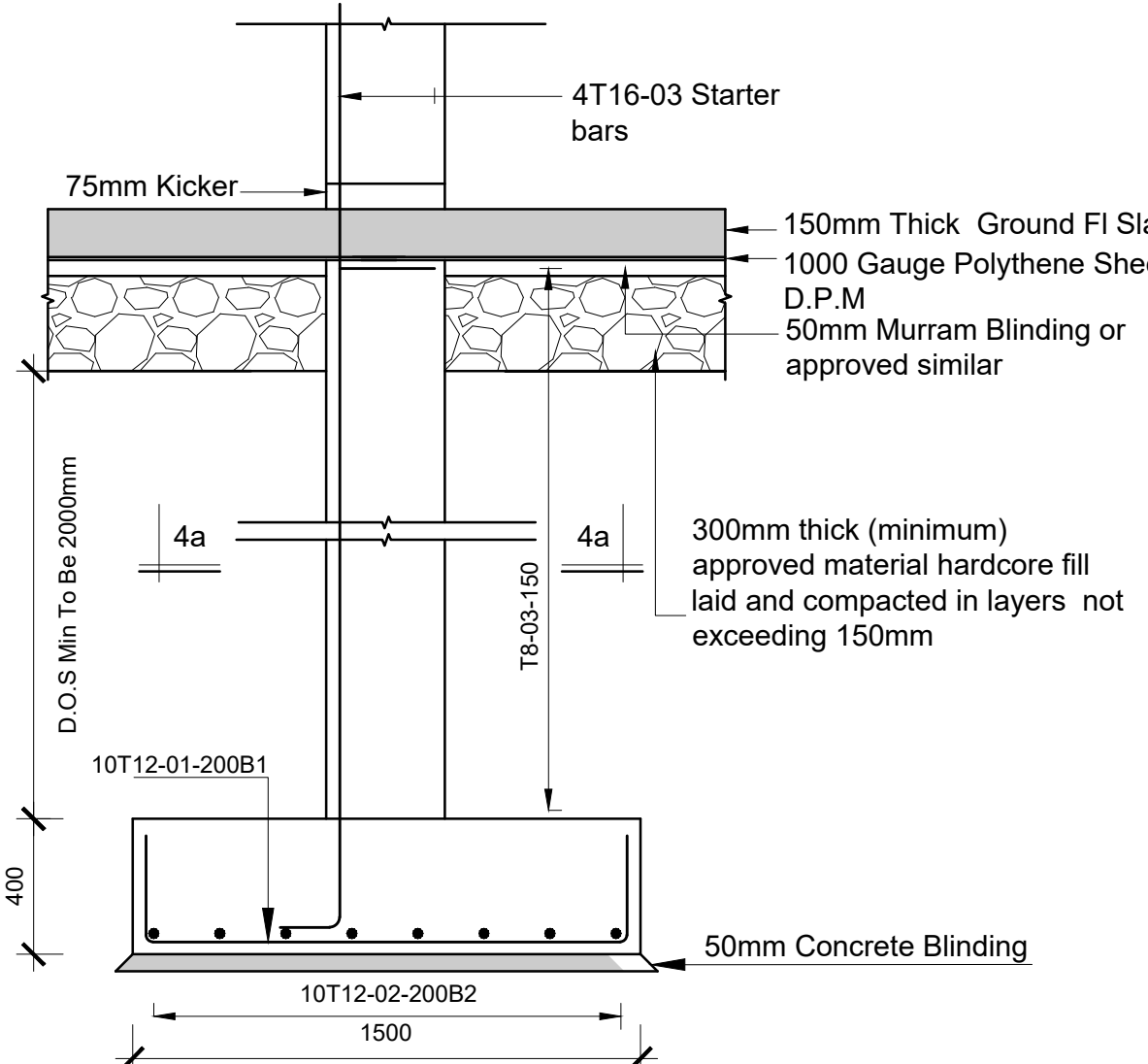
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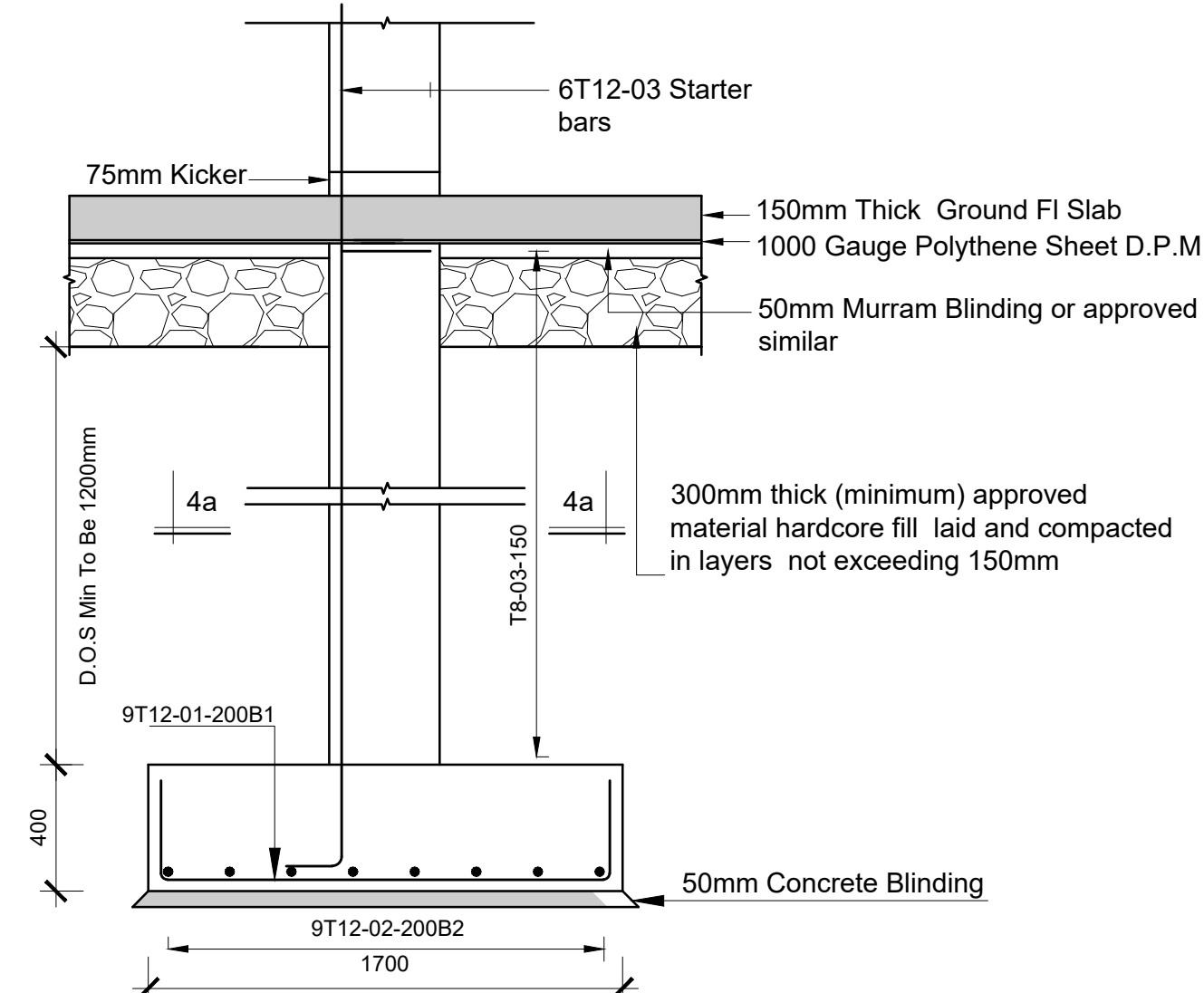
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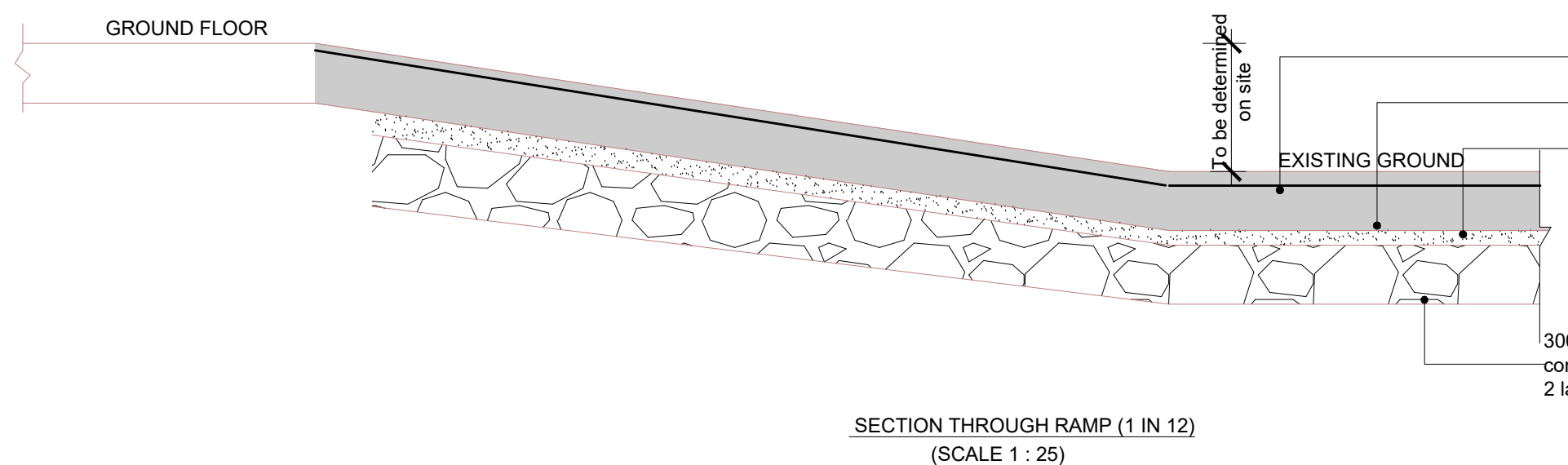
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Scale 1:30



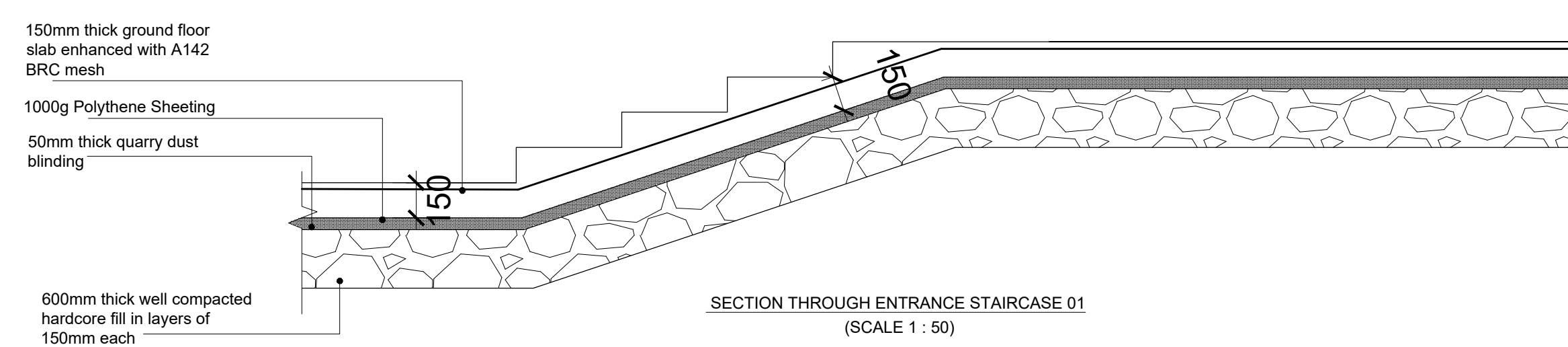
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Scale 1:30



SEC:-BASE B2
(WITH COL C2)
Scale 1:30



SECTION THROUGH RAMP (1 IN 12)
(SCALE 1 : 25)



SECTION THROUGH ENTRANCE STAIRCASE 01
(SCALE 1 : 50)

Consultant:-
ARPRIM CONSORTIUM
P.O. Box 12969-00100,
Nairobi, KENYA.
Tel: 02 608 906
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E-mail: info@arprimconsultants.com

CLIENT:-
**STATE DEPARTMENT FOR FISHERIES,
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PROJECT:-
**PROPOSED KENYA MARINE FISHERIES AND
SOCIO-ECONOMIC DEVELOPMENT (KEMFSED) NATIONAL
AND COUNTY FISHERIES INFRASTRUCTURE.**

PROJECT TITLE:-
PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.

DRAWING TITLE:-
MODERN FISH BANDA - FOUNDATION LAYOUT AND DETAIL

NOTES

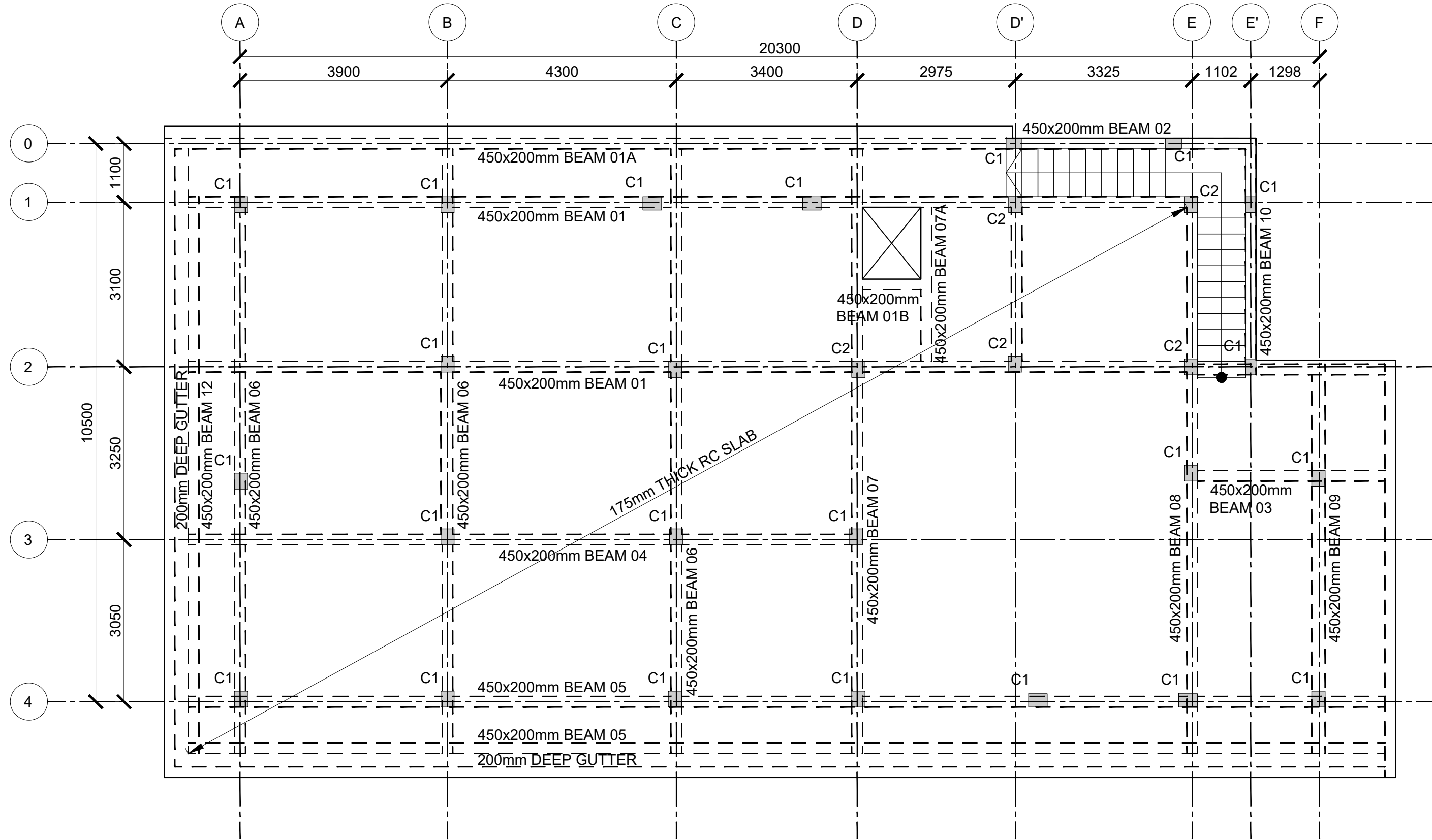
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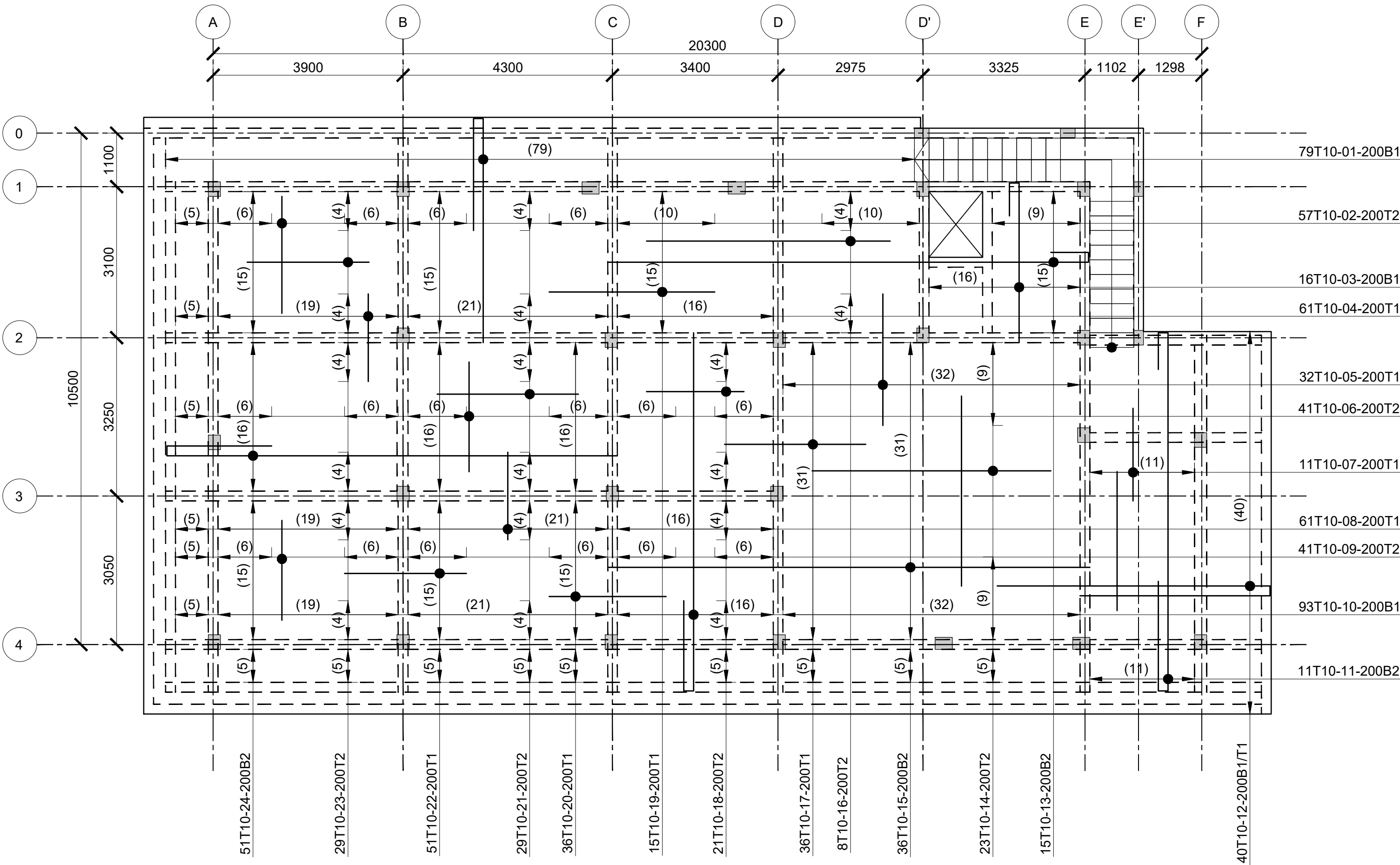
8. Safe Bearing Pressure taken to be 250 KN/m².
9. Nominal aggregate size to be 20mm.
10. Structural concrete to be Class 25 unless stated otherwise.
11. Concrete blinding to be Class 15 unless stated otherwise.
12. Masonry Strength to be 7.0 N/mm².

Designed by	DAN	Rev	Description	By	Date
Drawn by	DAN	D			
Checked by	HOH	C			
Scale	AS SHOWN	B			
		A			

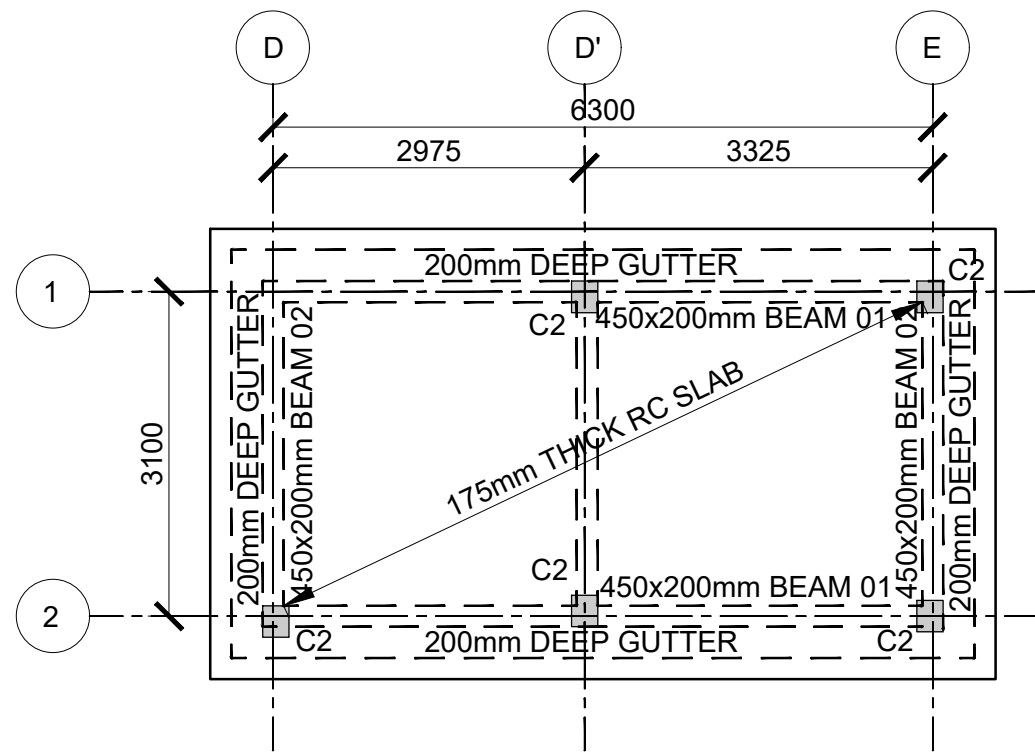
DRAWING NO. 11-002-06



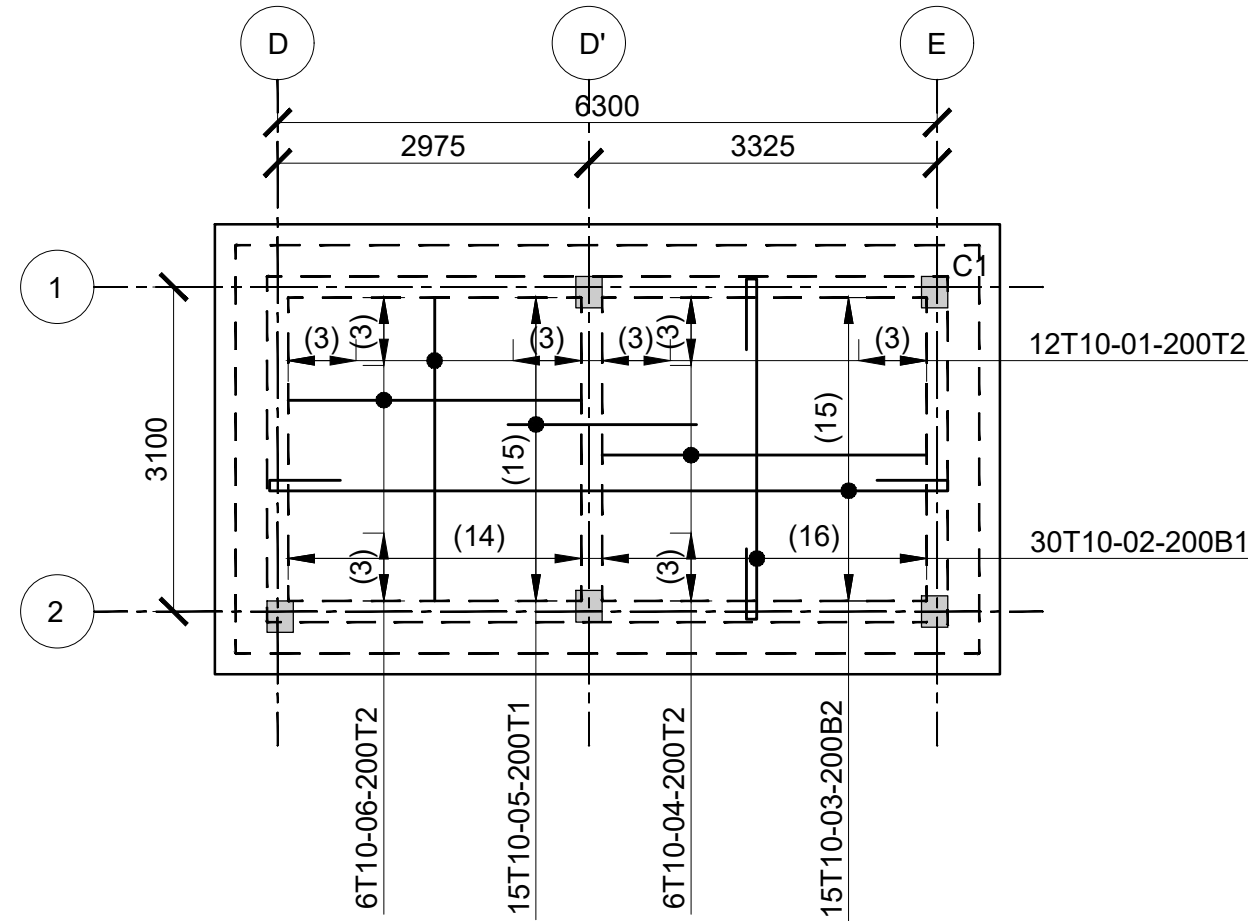
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(SCALE 1:100)



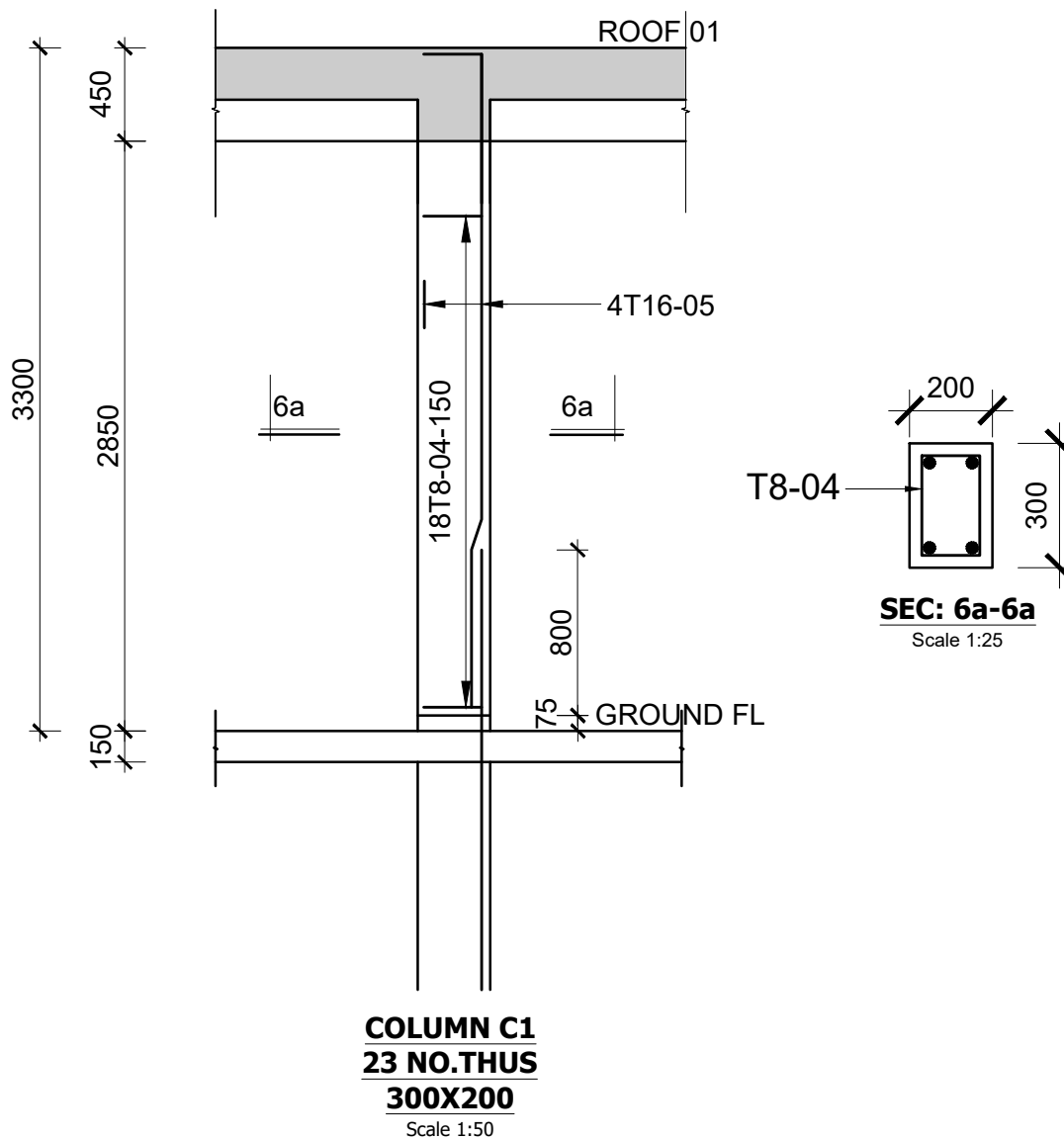
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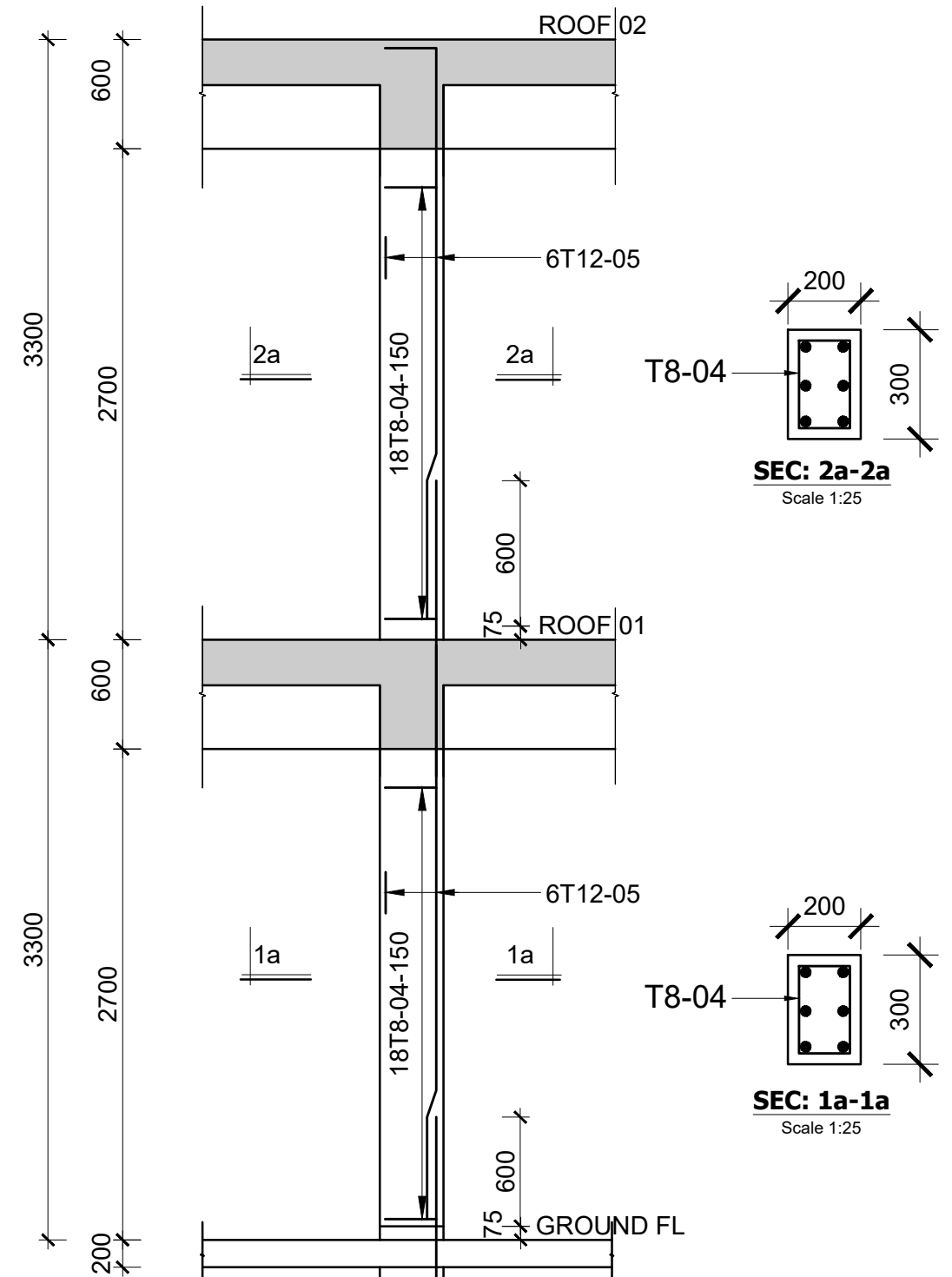
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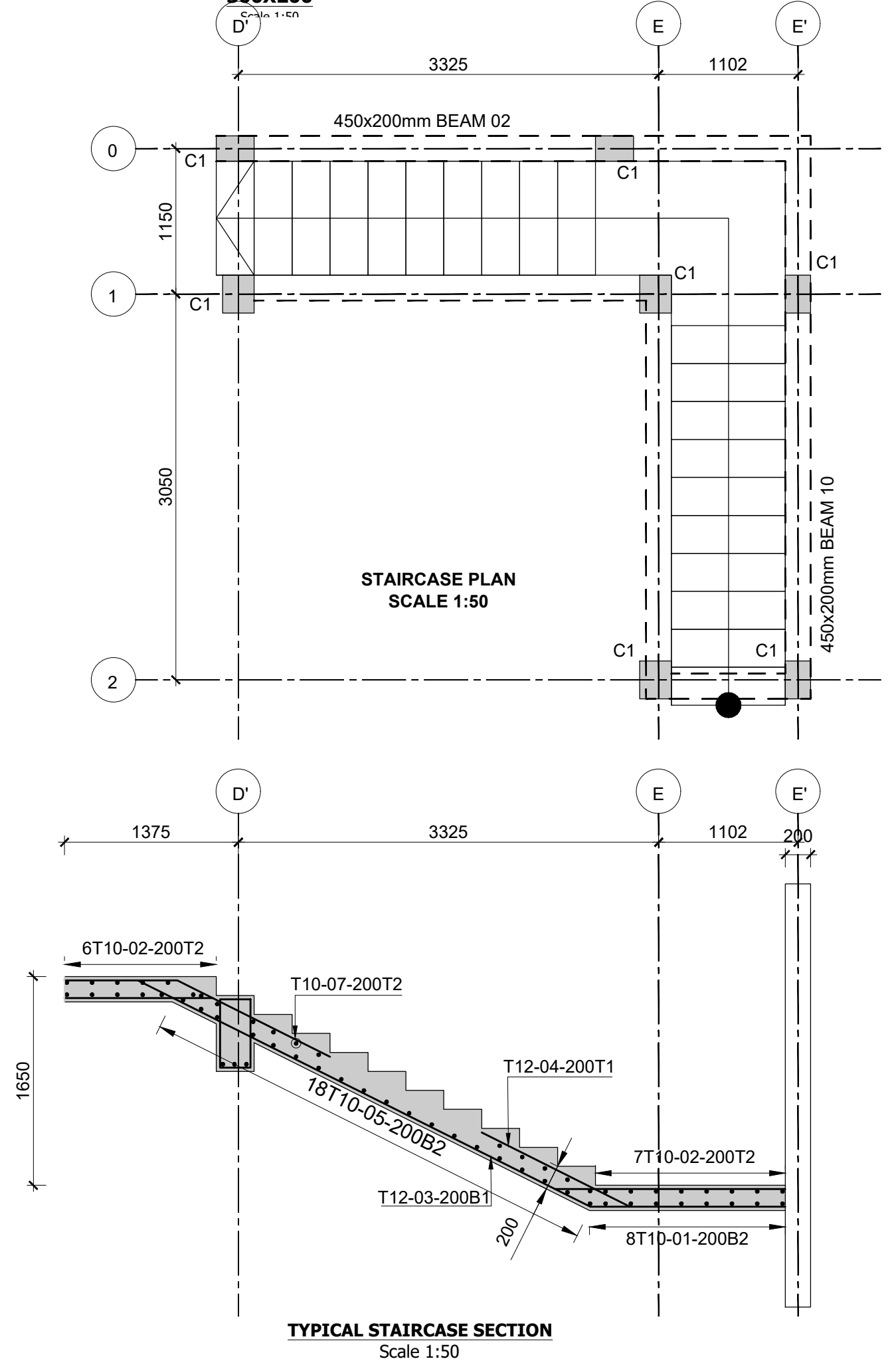
ROOF 02 SLAB RC DETAIL
(SCALE 1:100)



COLUMN C1
23 NO. THUS
300X200
Scale 1:50



STAIRCASE PLAN
SCALE 1:50



TYPICAL STAIRCASE SECTION
Scale 1:50

Consultant:-
ARPRIM CONSORTIUM
P.O. Box 12969-00100,
Nairobi, KENYA.
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SOCIO-ECONOMIC DEVELOPMENT (KEMFSD) NATIONAL
AND COUNTY FISHERIES INFRASTRUCTURE.**

PROJECT TITLE:-
PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.

DRAWING TITLE:-
**MODERN FISH BANDA - ROOF 01, ROOF 02, STAIRCASE AND
COLUMN DETAIL**

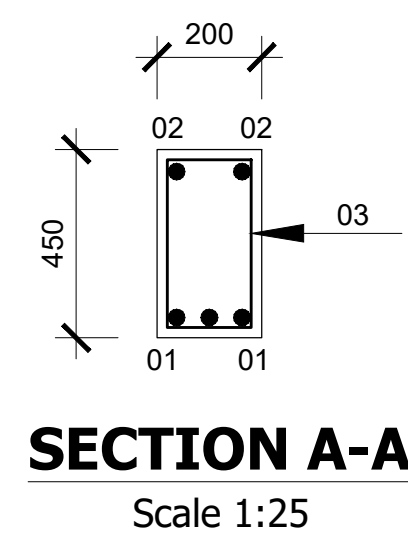
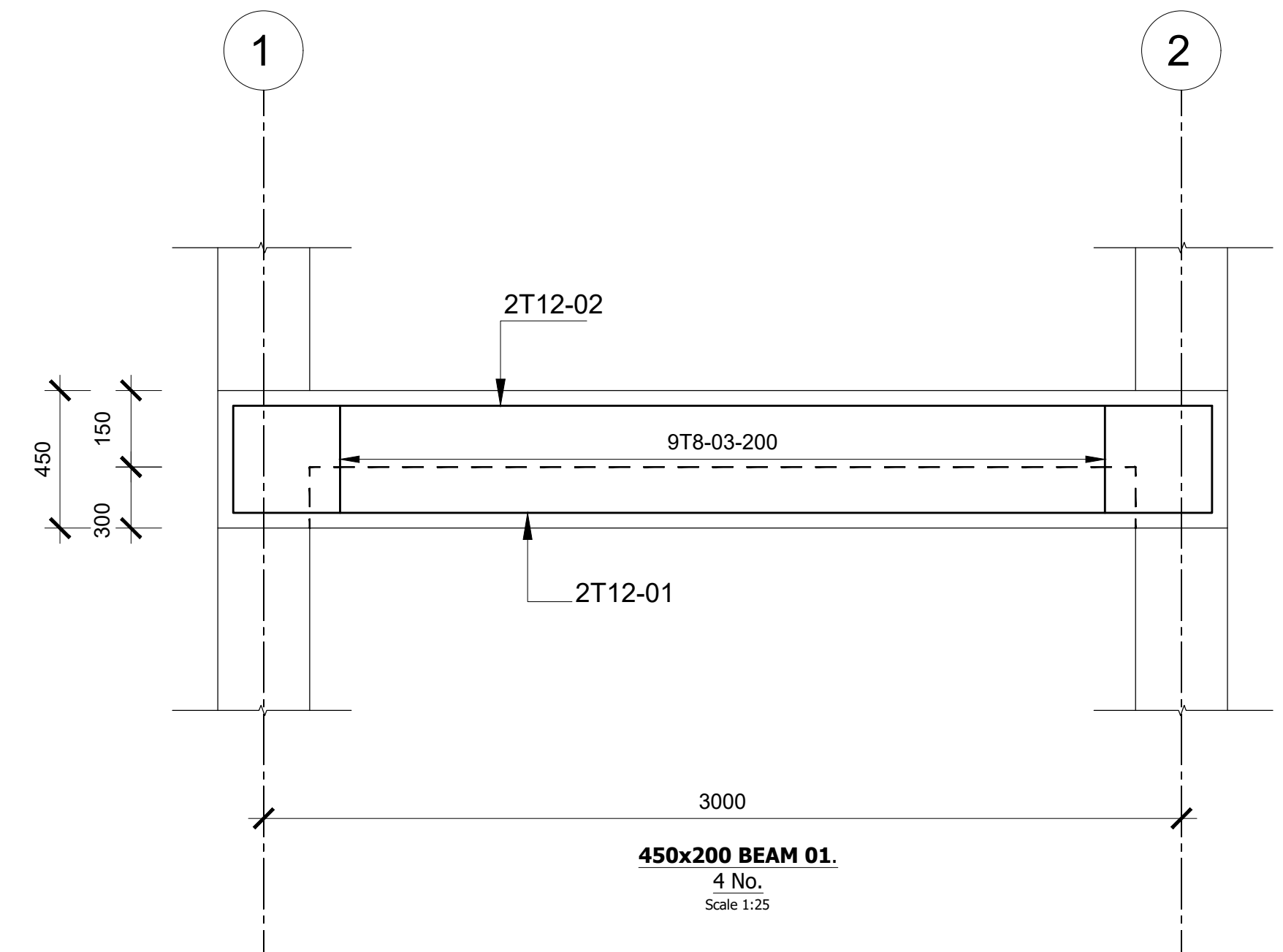
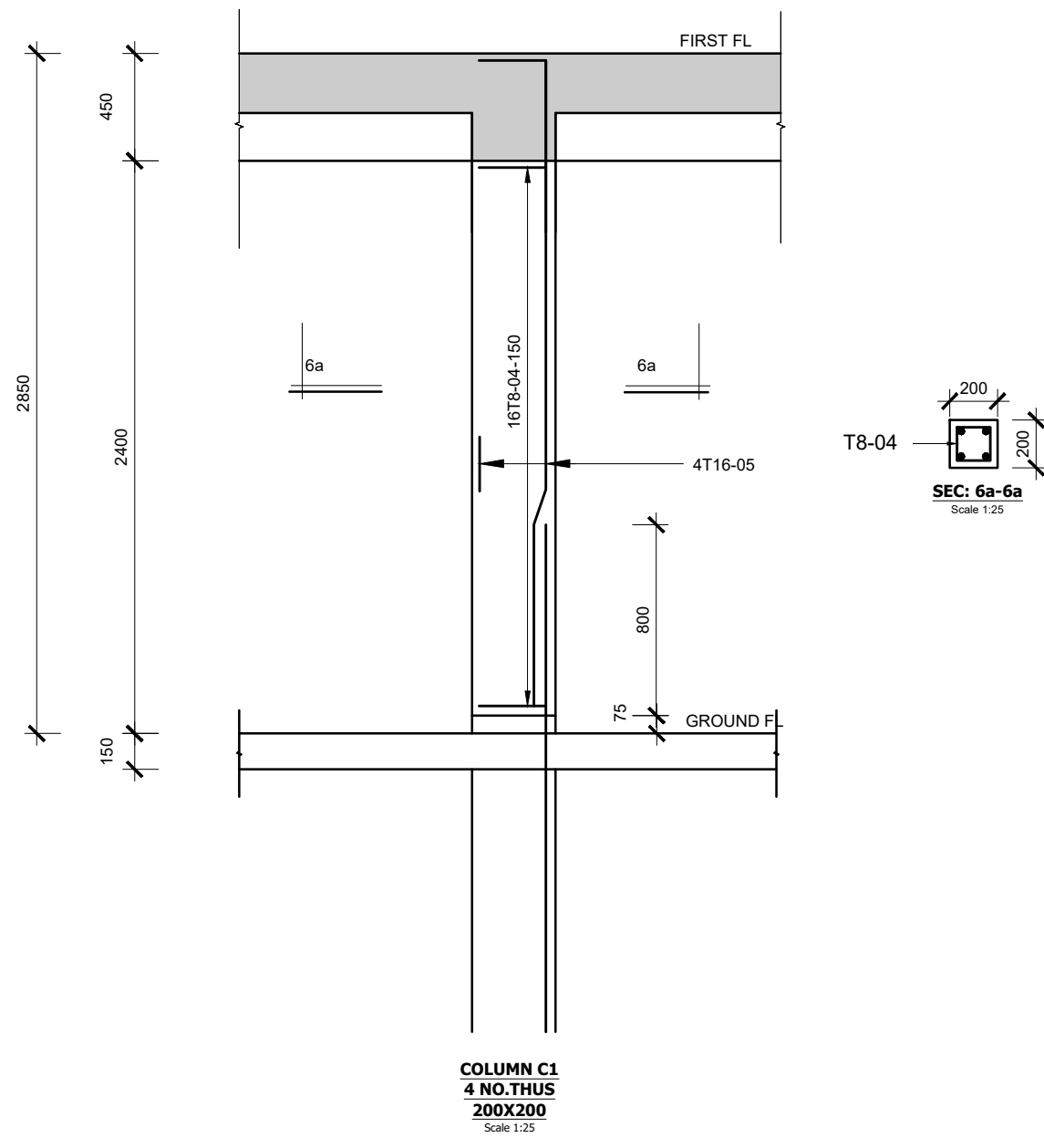
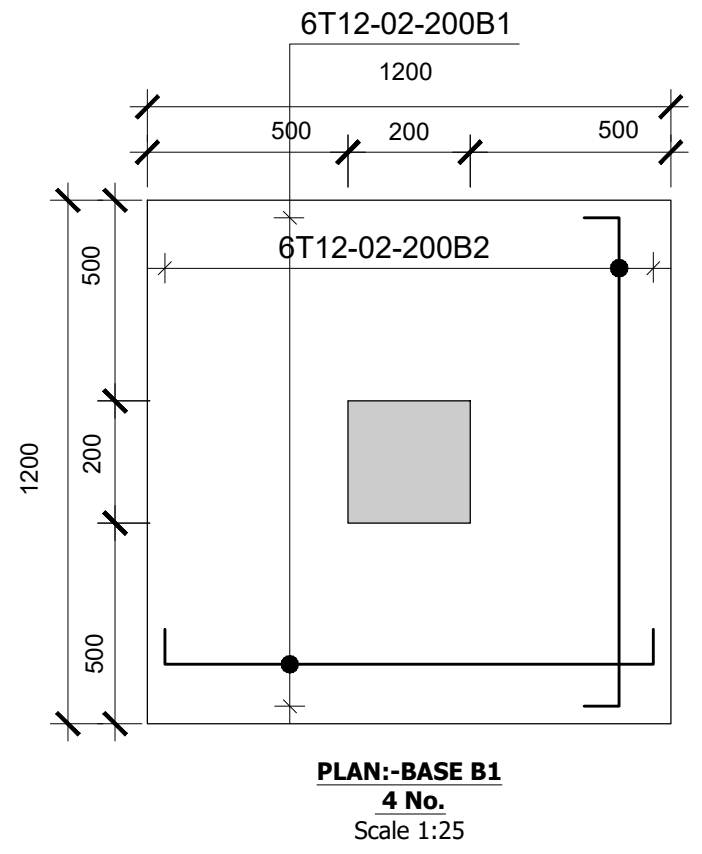
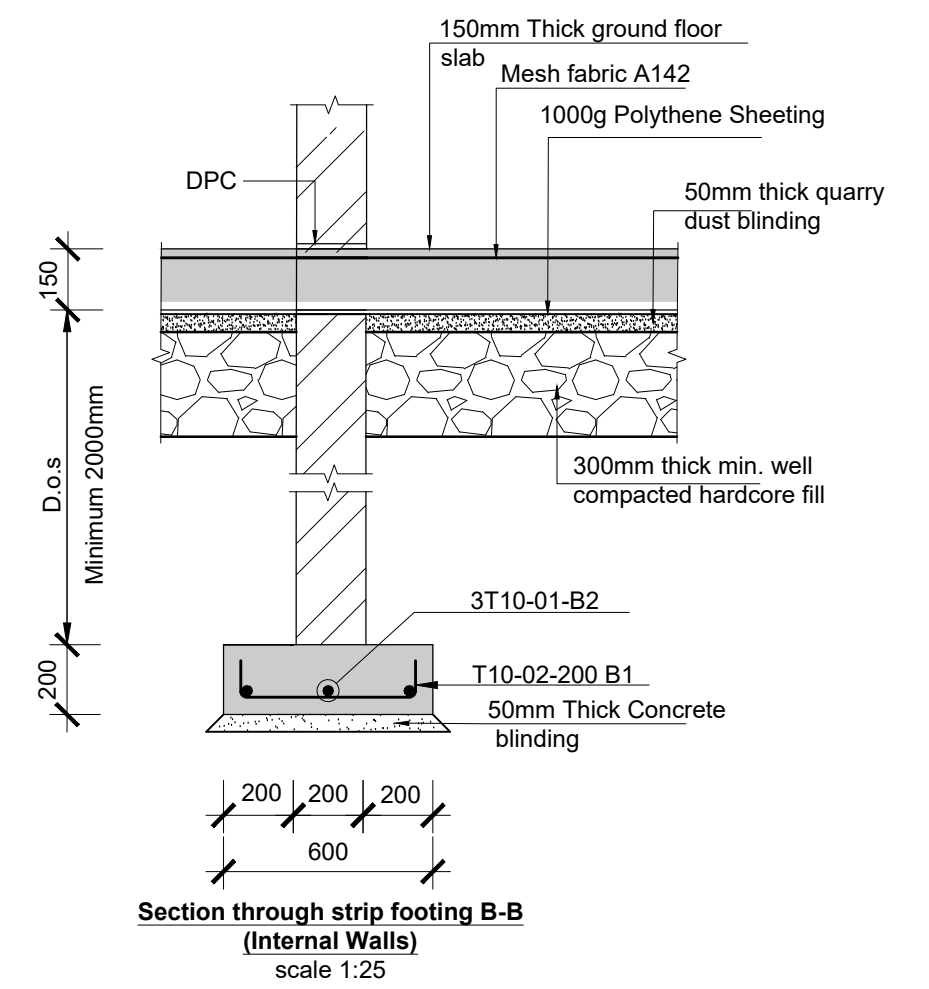
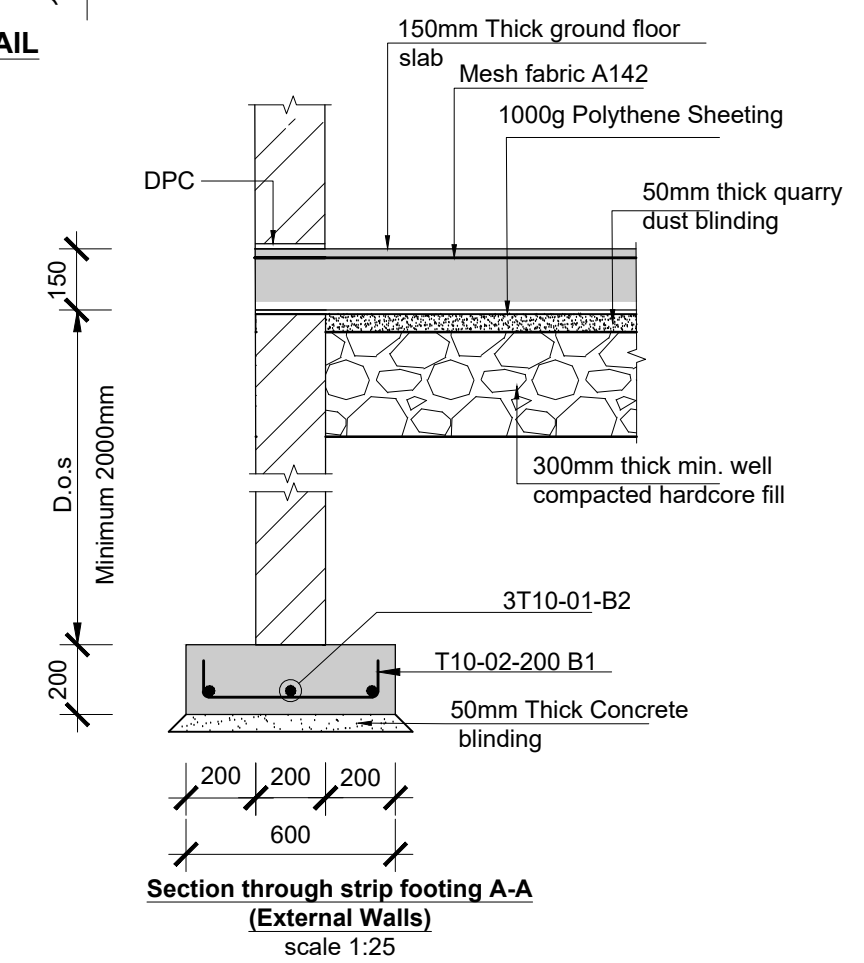
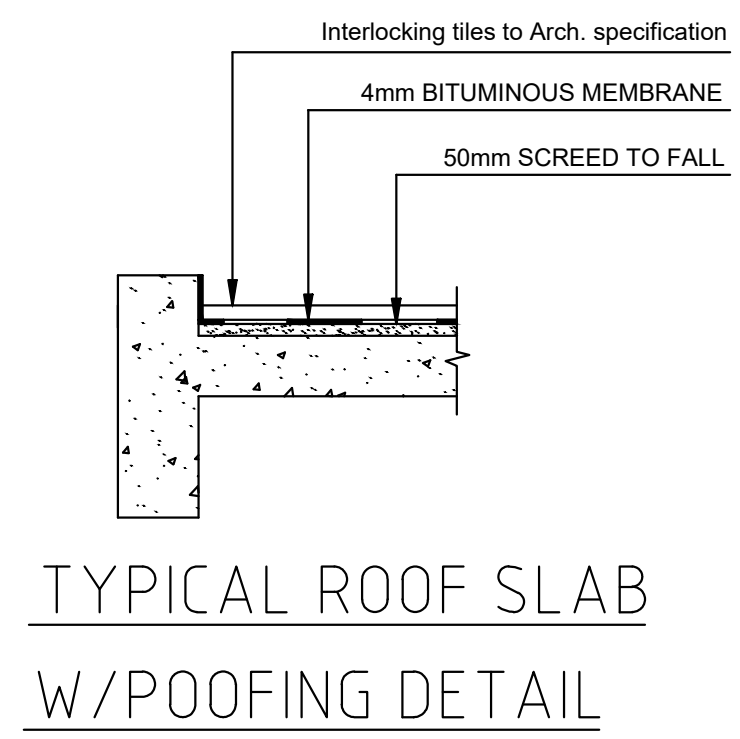
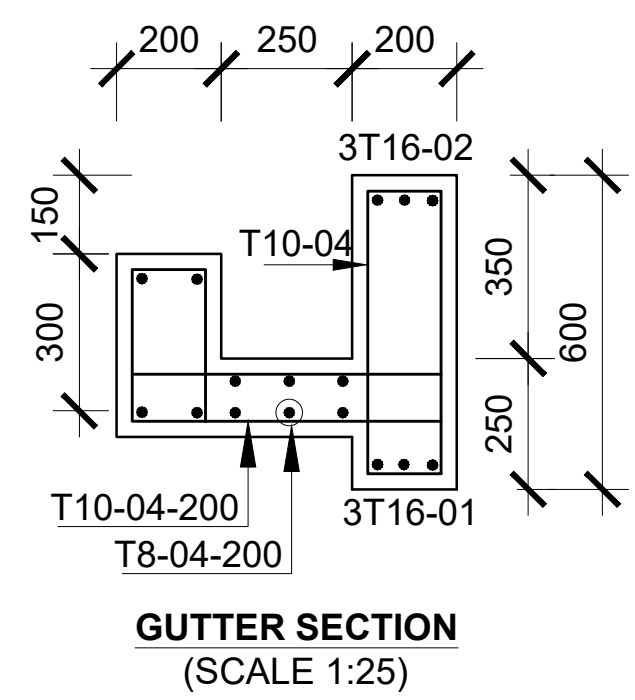
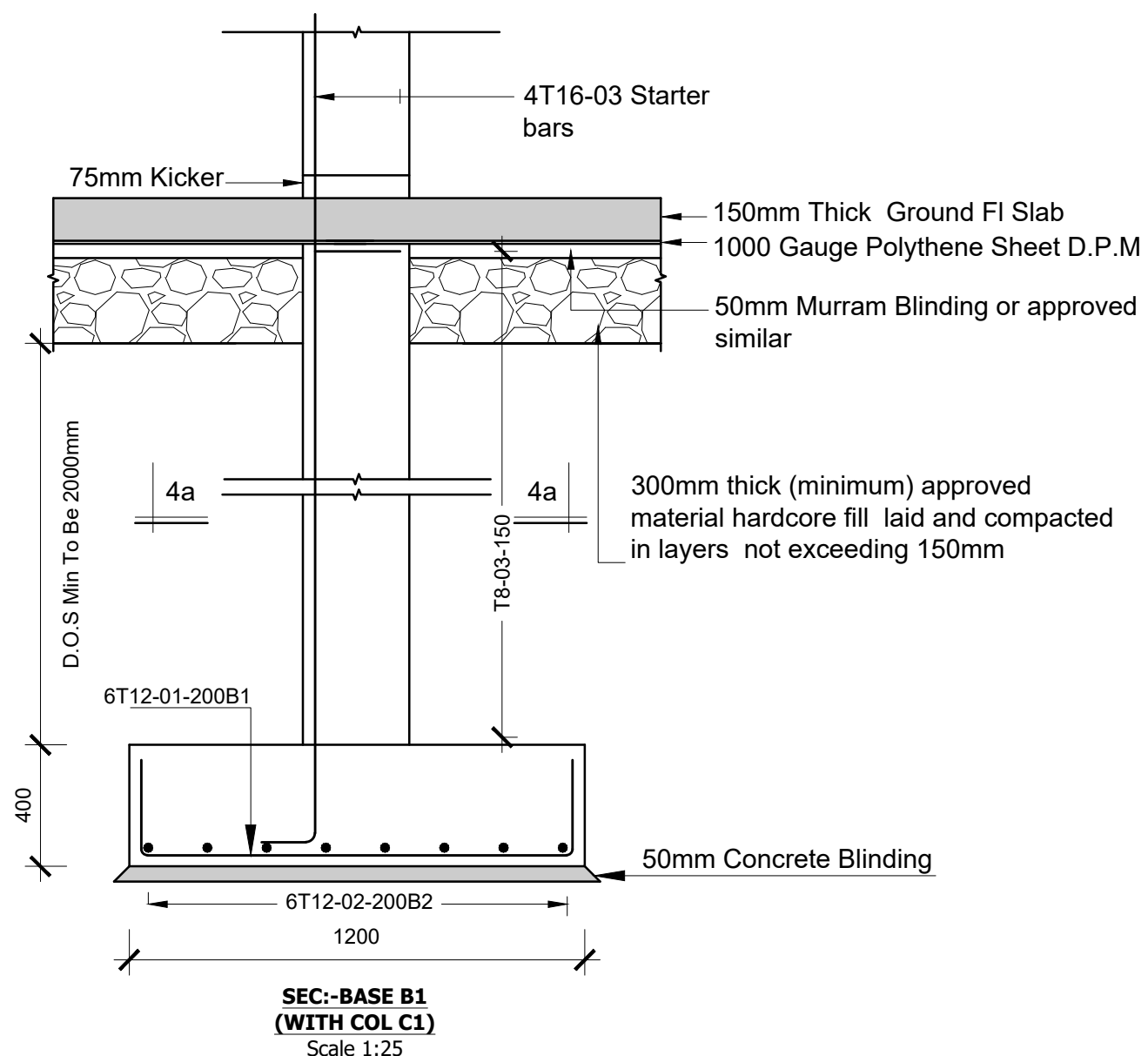
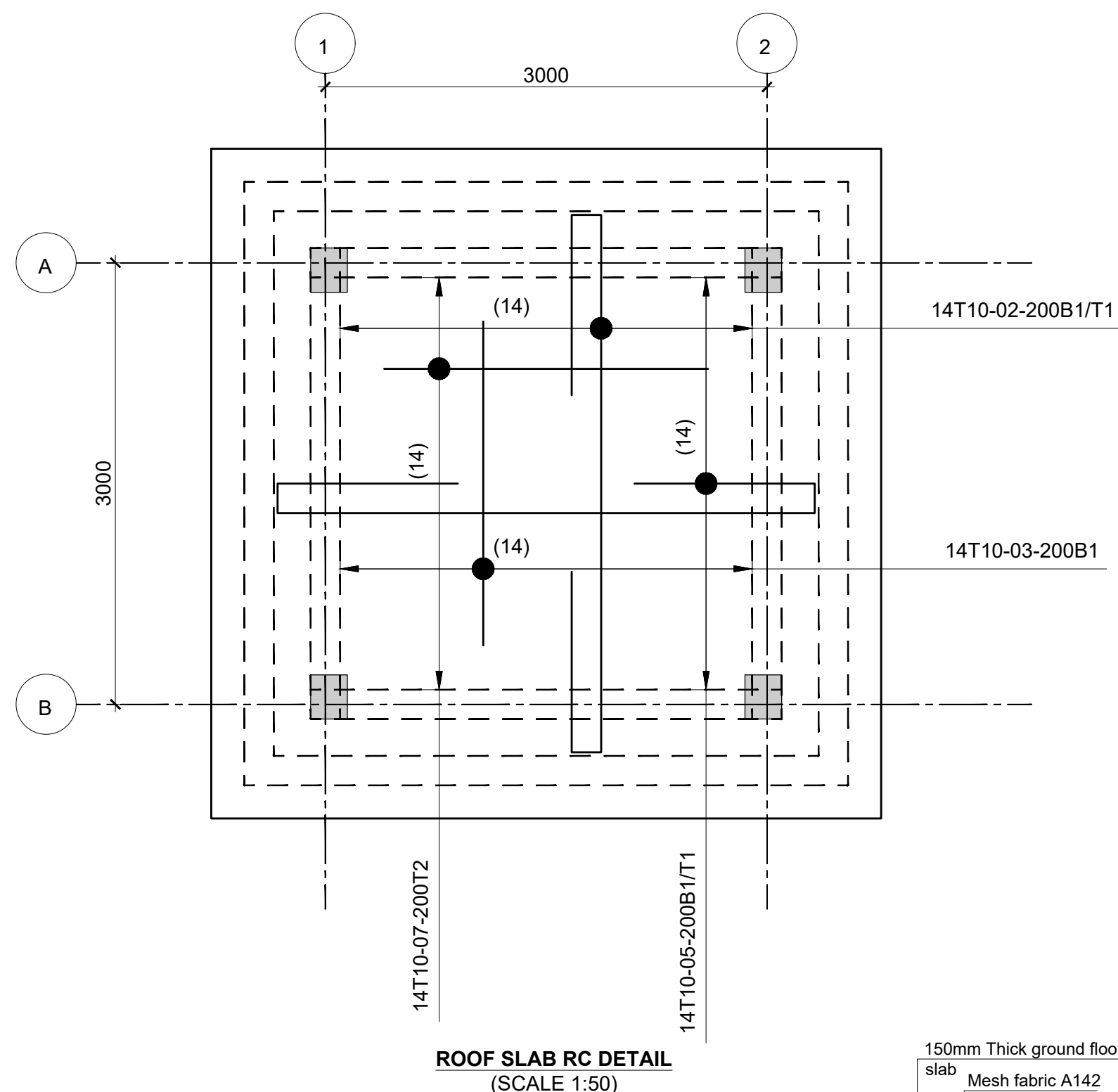
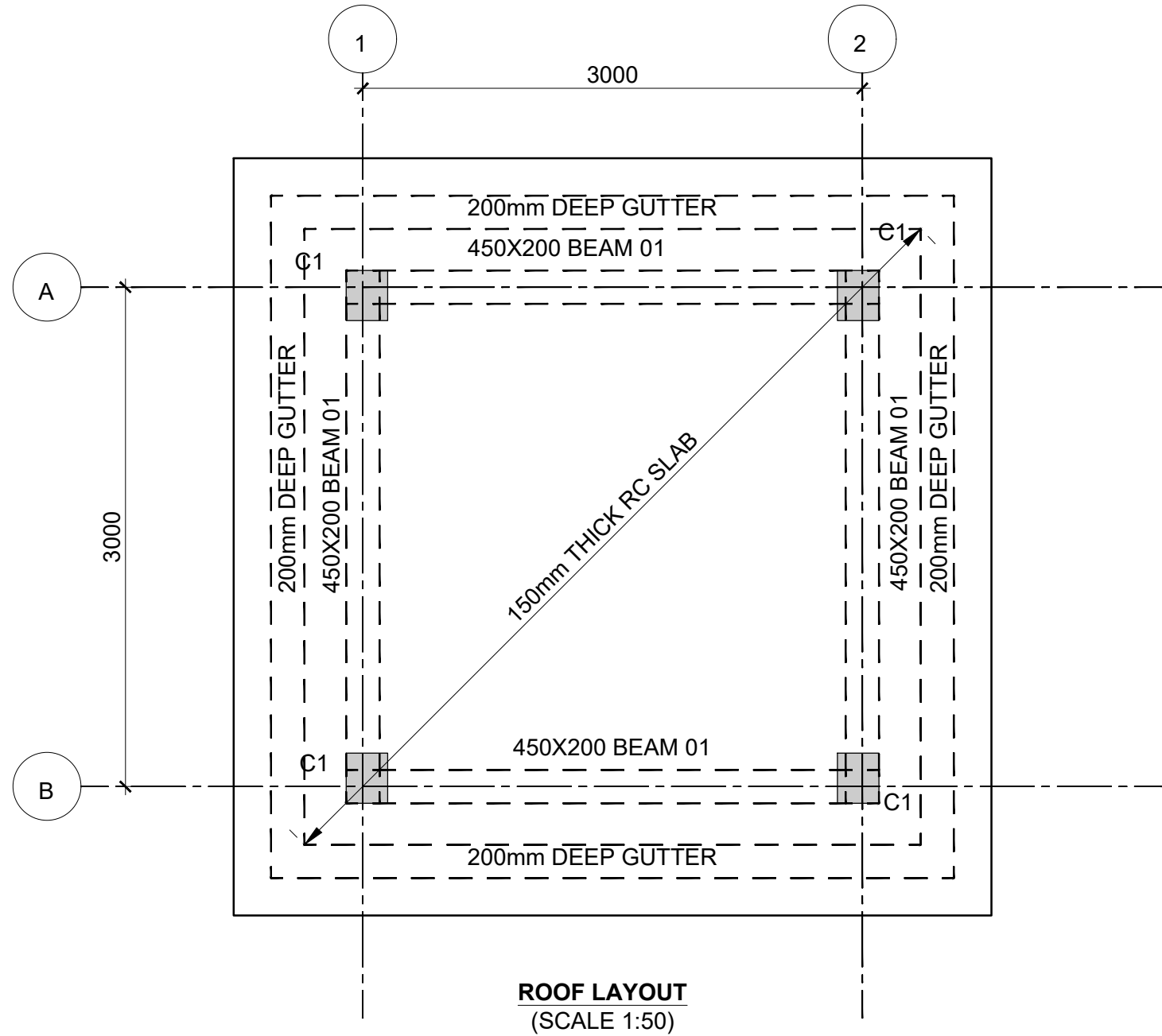
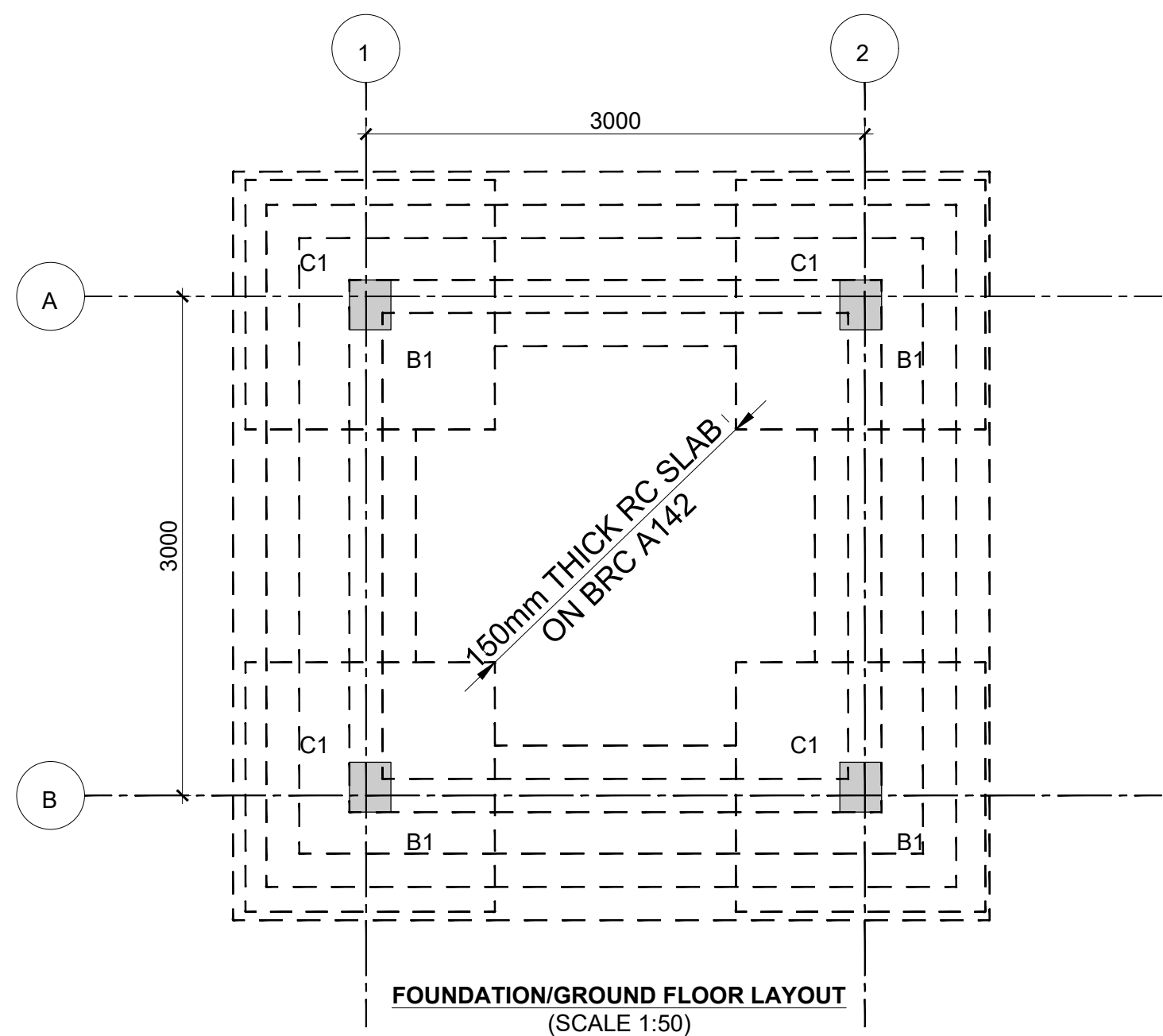
NOTES

- Read this drawing in conjunction with relevant G.A., Services and Architectural drawings. Any discrepancy to be reported to the Engineer.
- All dimensions are in millimetres unless specified otherwise.
- All levels are indicated in m unless specified otherwise.
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Beams (main bars) = 35mm
Post-tensioned beams = 40mm
Foundations = 75mm
- Maximum tolerance on concrete cover is +/- 5mm.
- All high tensile (T) and mild steel (R) bars to be in accordance with BS 4449 and fabric mesh to be made from cold worked steel bars in accordance with BS 4483.
- Minimum laps to all bars to be 500 unless stated otherwise.

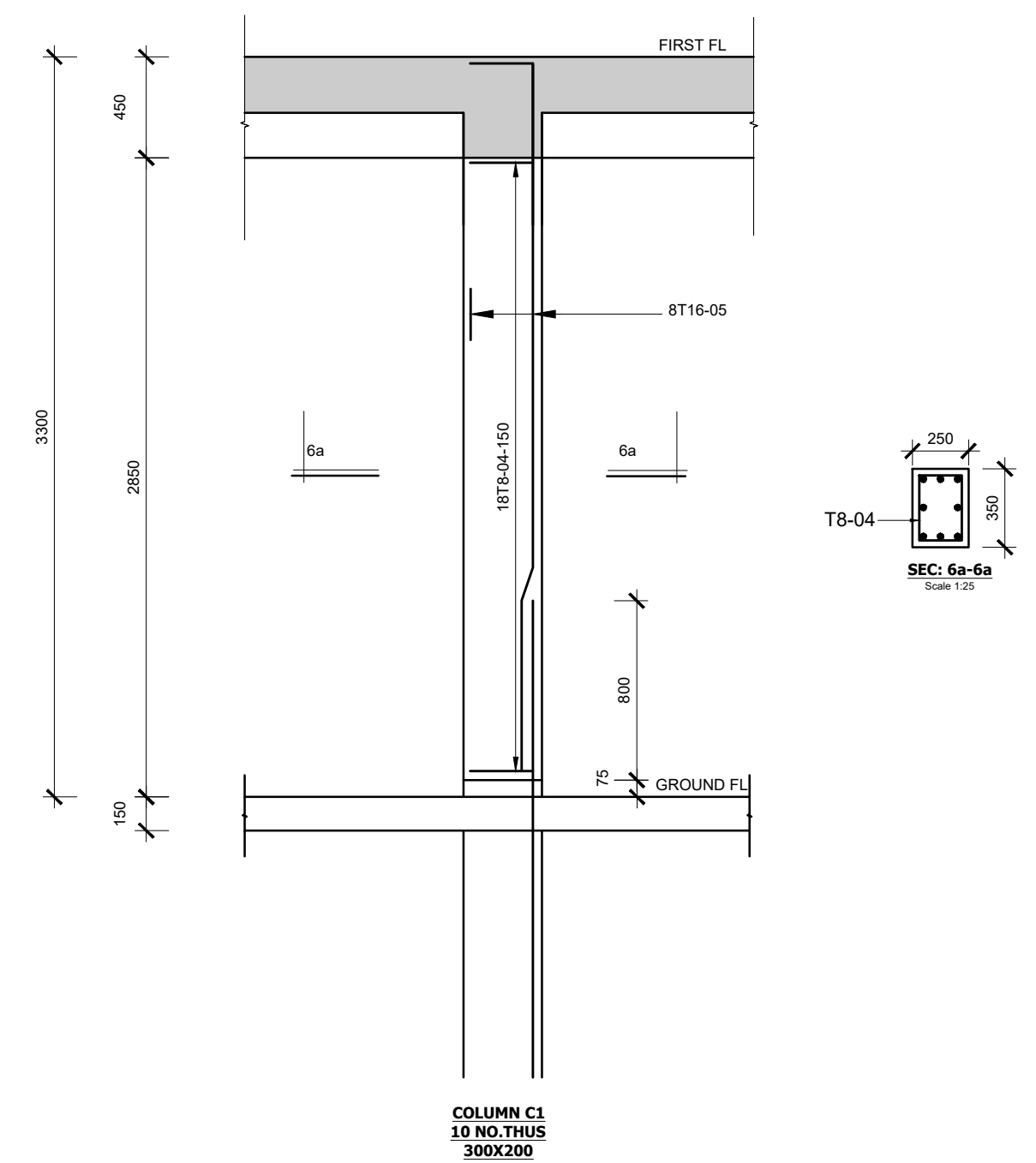
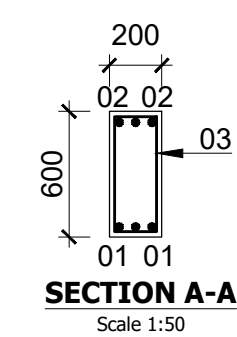
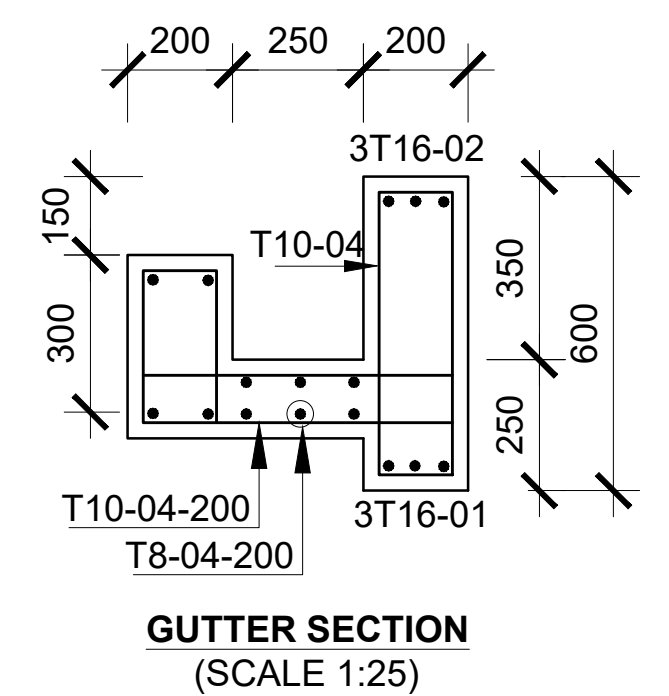
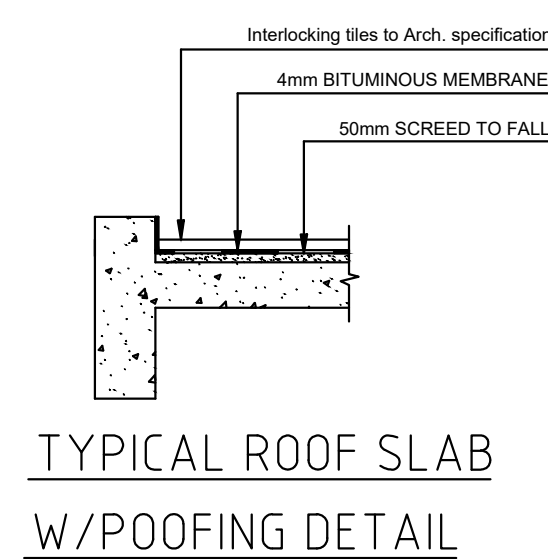
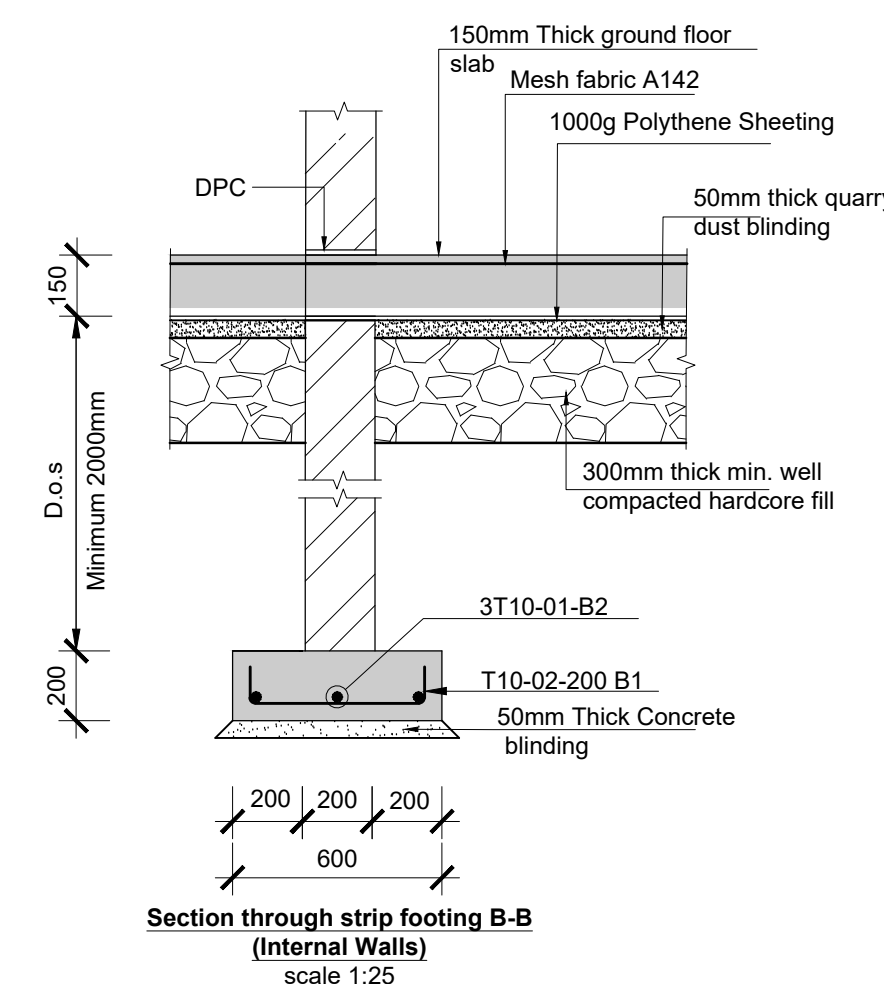
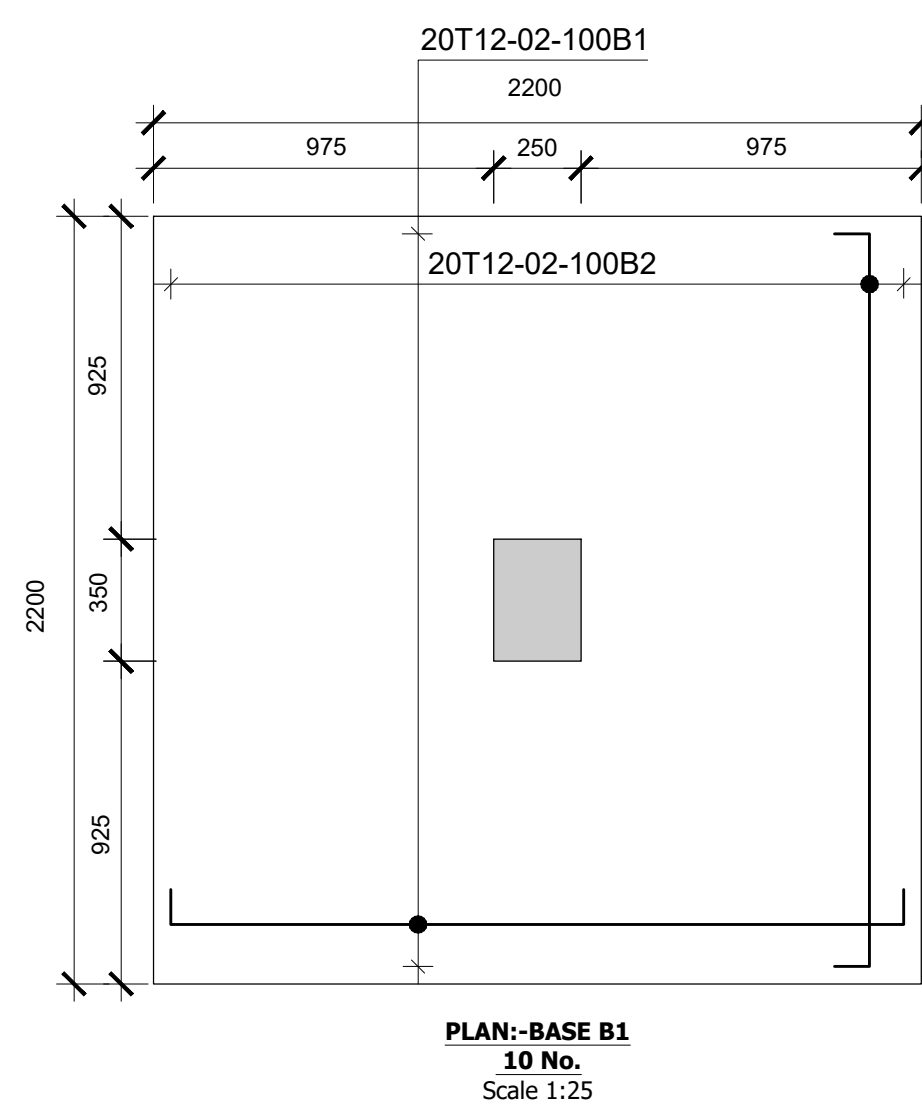
- Safe Bearing Pressure taken to be 250 KN/m².
- Nominal aggregate size to be 20mm.
- Structural concrete to be Class 25 unless stated otherwise.
- Concrete blinding to be Class 15 unless stated otherwise.
- Masonry Strength to be 7.0 N/mm².

Designed by	DAN	Rev	Description	By	Date
Drawn by	DAN	D			
Checked by	HOH	C			
Scale	AS SHOWN	B			
	A				

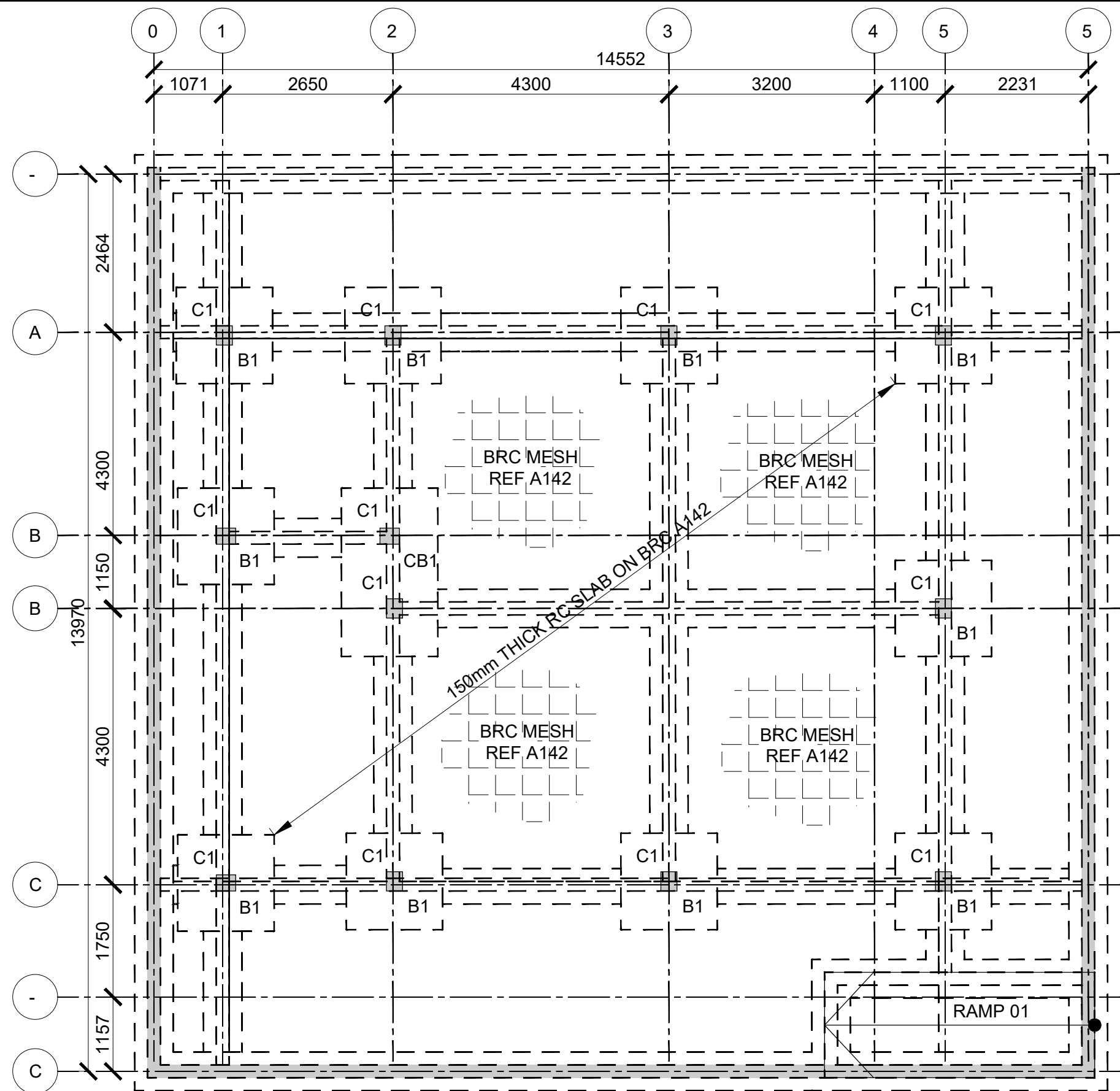
DRAWING NO. 11-002-07



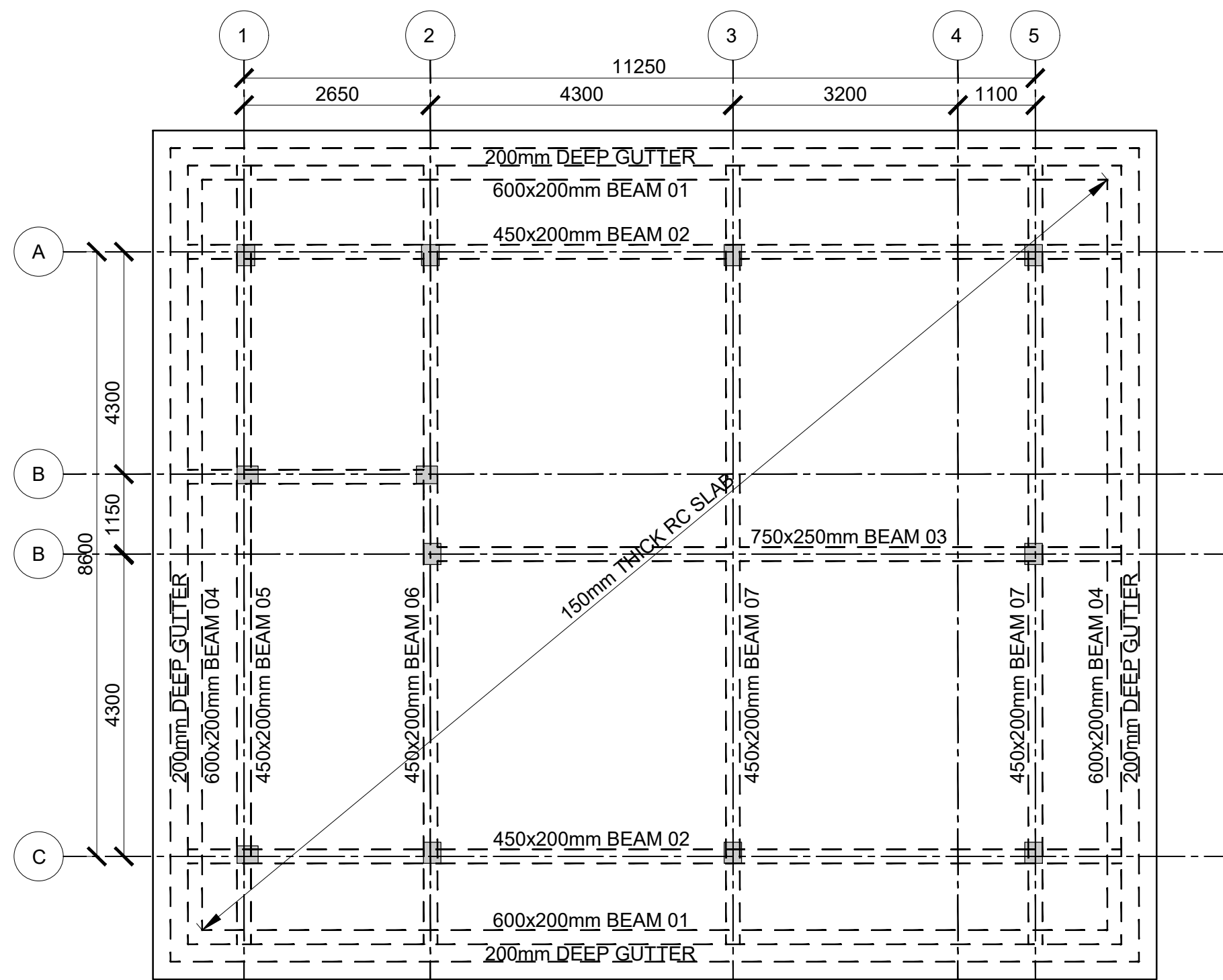
Consultant:- ARPRIM CONSORTIUM <i>P.O. Box 12969-00100, Nairobi, KENYA. Tel: 02 608 906 Fax: 02 608 907 E-mail: info@arprimconsultants.com</i>	CLIENT:- STATE DEPARTMENT FOR FISHERIES, AQUACULTURE AND THE BLUE ECONOMY.	PROJECT:- PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSD) NATIONAL AND COUNTY FISHERIES INFRASTRUCTURE.	<p>PROJECT TITLE:-</p> <p>PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.</p> <p> </p> <p>DRAWING TITLE:-</p> <p>PUMP ROOM - STRUCTURAL DETAIL</p>	<p>NOTES</p> <p>1. Read this drawing in conjunction with relevant G.A., Services and Architectural drawings. Any discrepancy to be reported to the Engineer.</p> <p>2. All dimensions are in millimetres unless specified otherwise.</p> <p>3. All levels are indicated in m unless specified otherwise.</p> <p>4. Minimum cover to all reinforcement to be:</p> <p>Stairs, Slabs & Walls = 35mm Beams (main bars) = 35mm Post-tensioned beams = 40mm Columns (main bars) = 40mm Foundations = 75mm</p> <p>5. Maximum tolerance on concrete cover is +/- 5mm.</p> <p>6. All high tensile (T) and mild steel (R) bars to be in accordance with BS 4449 and fabric mesh to be made from cold worked steel bars in accordance with BS 4483.</p> <p>7. Minimum laps to all bars to be 500 unless stated otherwise.</p> <p>8. Safe Bearing Pressure taken to be 250 kN/m².</p> <p>9. Nominal aggregate size to be 20mm.</p> <p>10. Structural concrete to be Class 25 unless stated otherwise.</p> <p>11. Concrete blinding to be Class 15 unless stated otherwise.</p> <p>12. Masonry Strength to be 7.0 N/mm².</p>	<table><tr><td>Designed by</td><td>DAN</td><td>Rev</td><td>Description</td><td>By</td><td>Date</td></tr><tr><td>Drawn by</td><td>DAN</td><td>D</td><td></td><td></td><td></td></tr><tr><td>Checked by</td><td>HOH</td><td>C</td><td></td><td></td><td></td></tr><tr><td>Scale</td><td>AS SHOWN</td><td>B</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td>A</td><td></td><td></td><td></td></tr></table>	Designed by	DAN	Rev	Description	By	Date	Drawn by	DAN	D				Checked by	HOH	C				Scale	AS SHOWN	B						A			
					Designed by	DAN	Rev	Description	By	Date																									
					Drawn by	DAN	D																												
					Checked by	HOH	C																												
					Scale	AS SHOWN	B																												
		A																																	
<div>DRAWING NO. 11-002-09</div>																																			



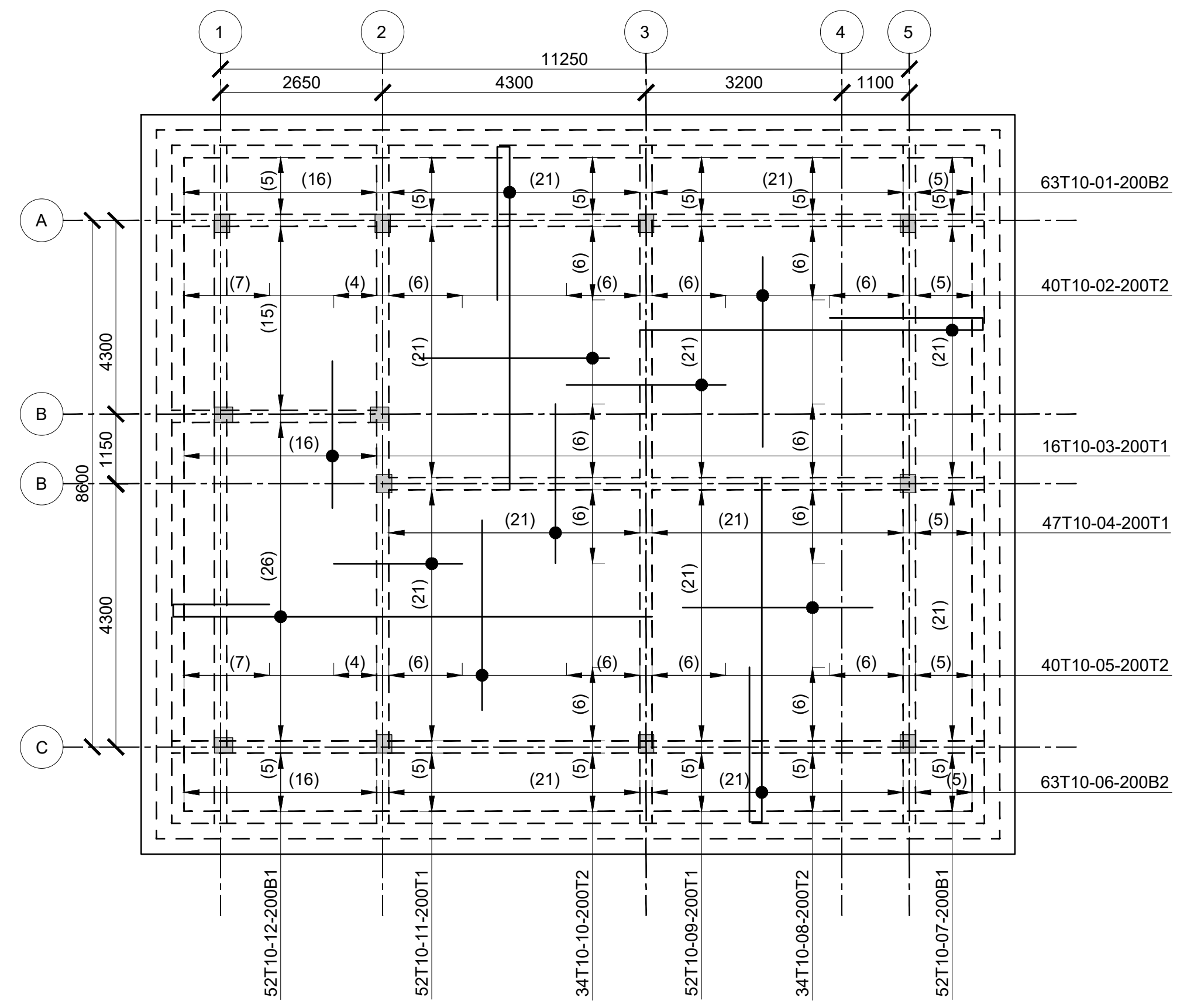
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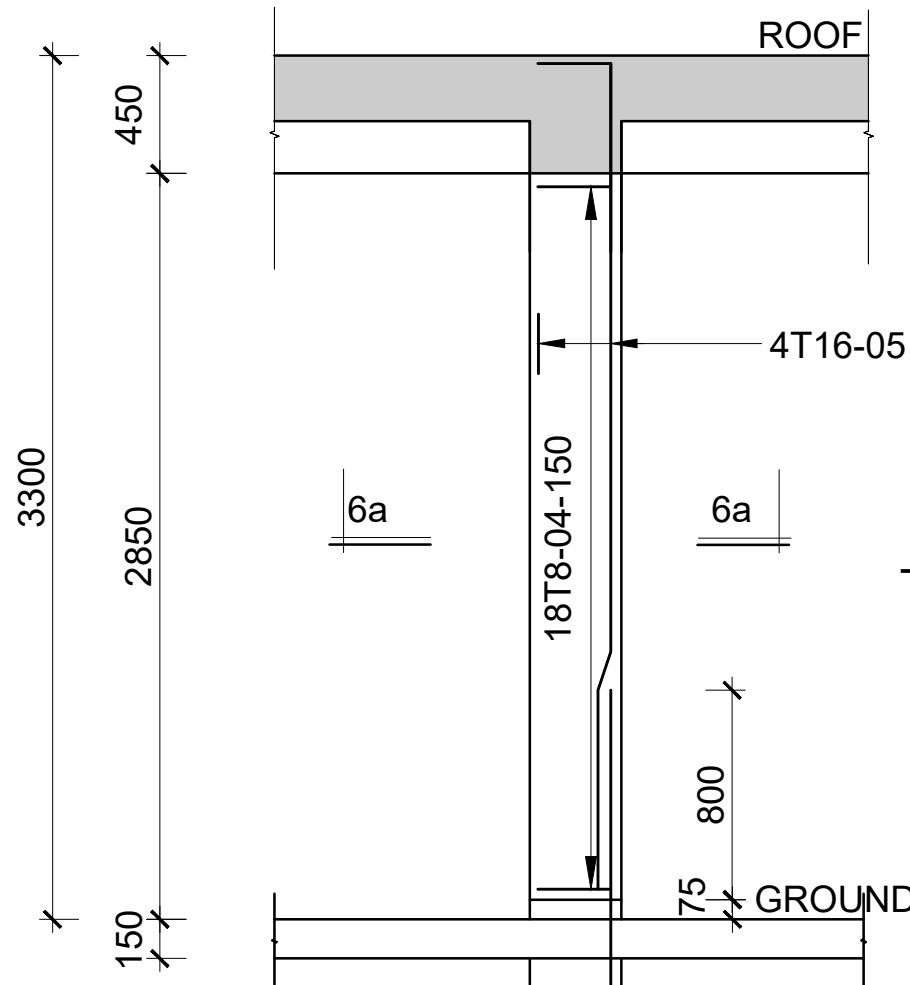
FOUNDATION/GROUND FLOOR LAYOUT
(SCALE 1:100)



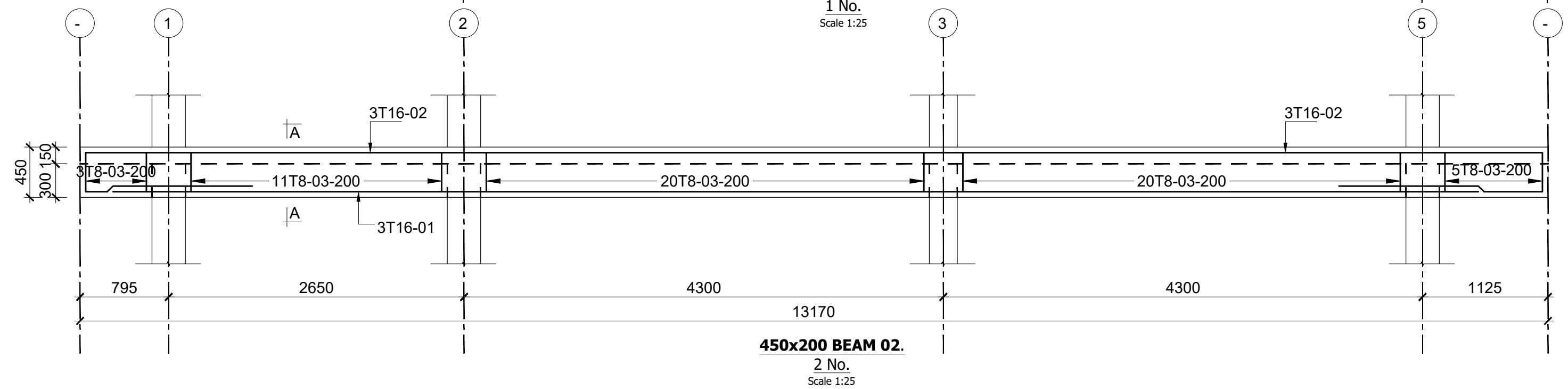
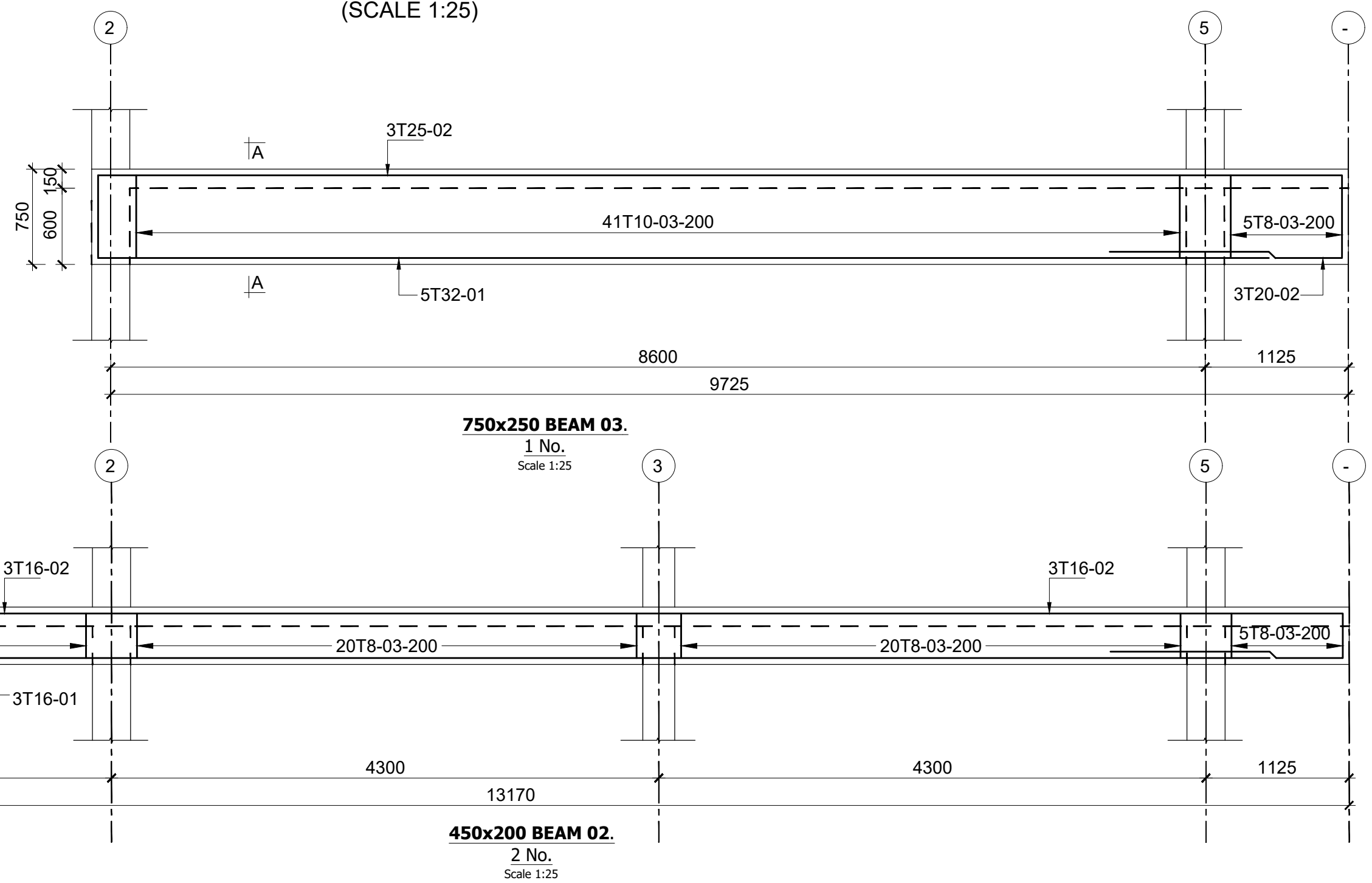
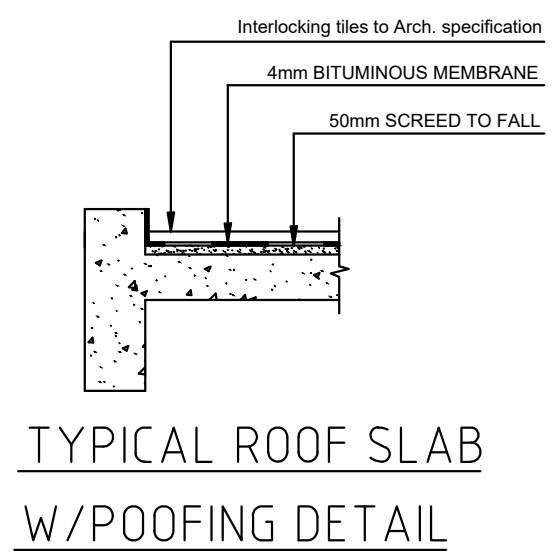
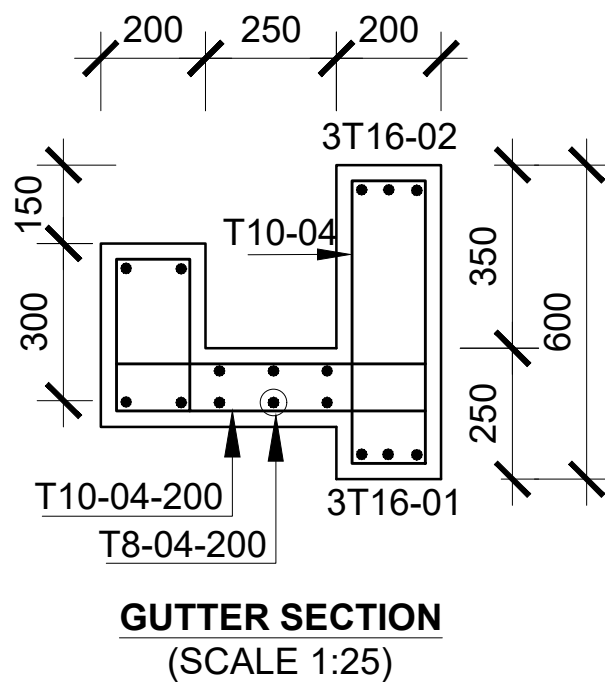
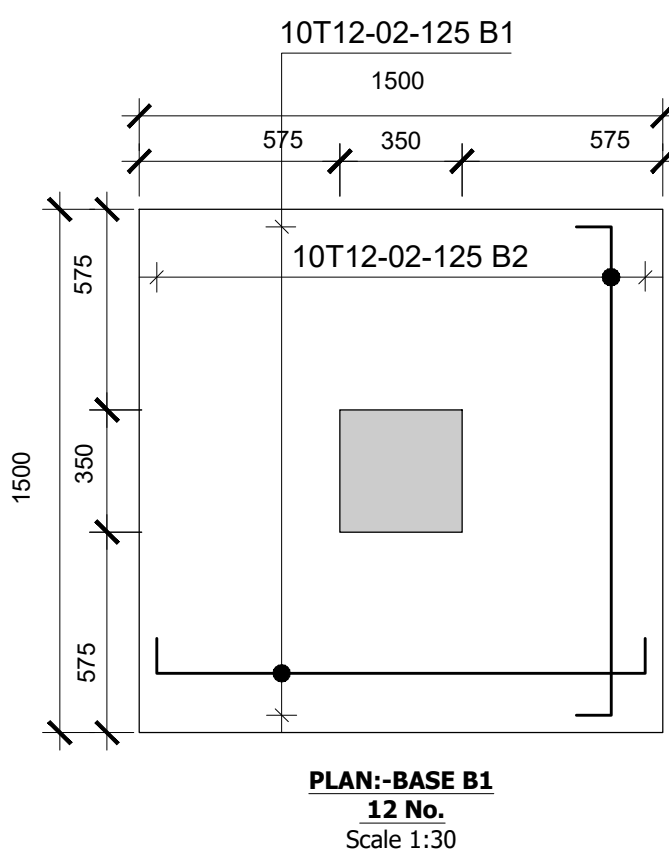
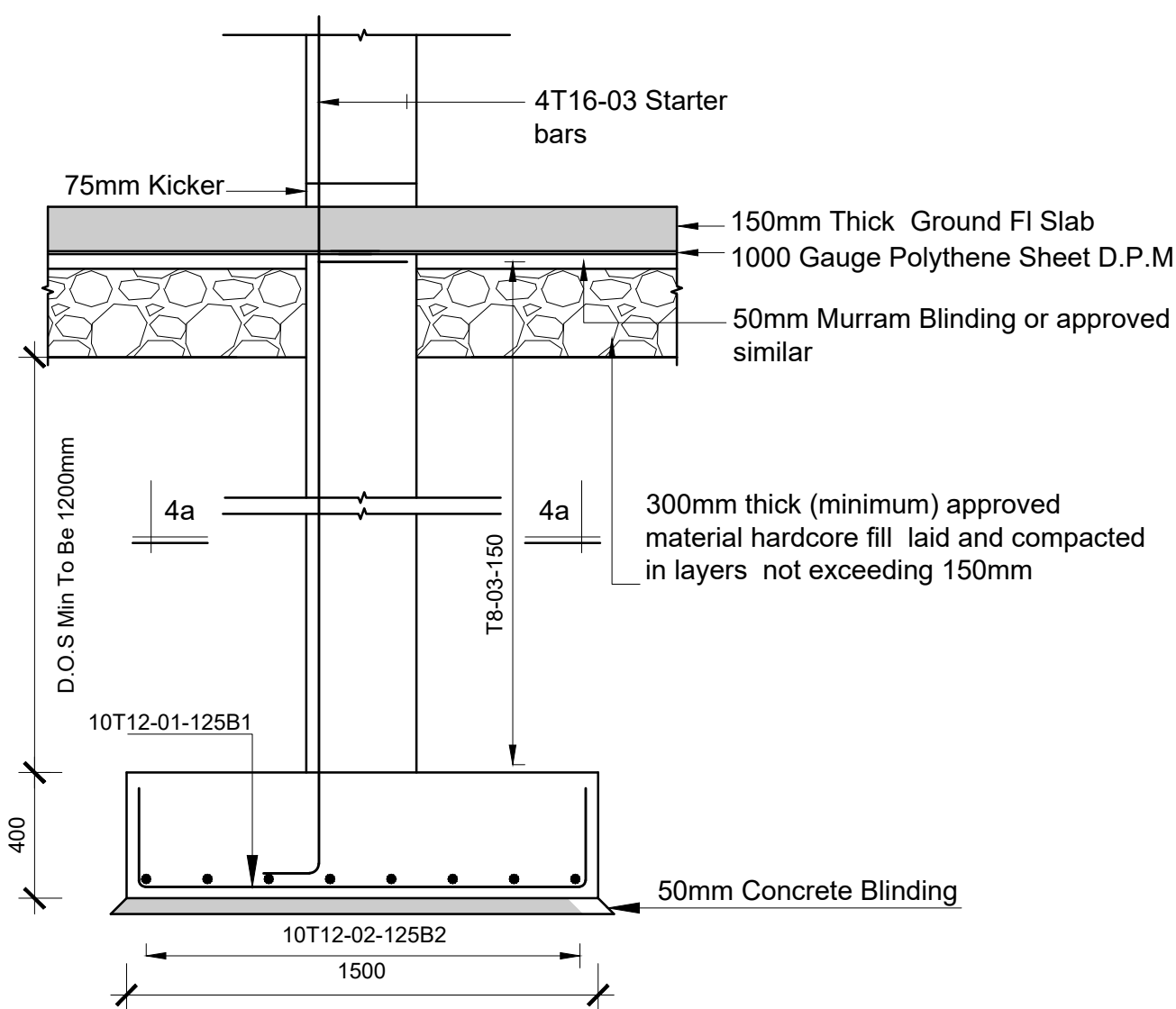
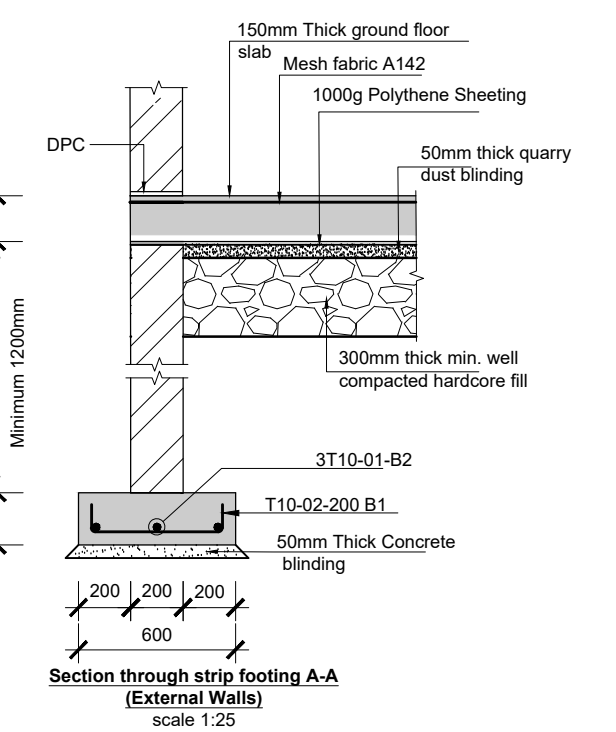
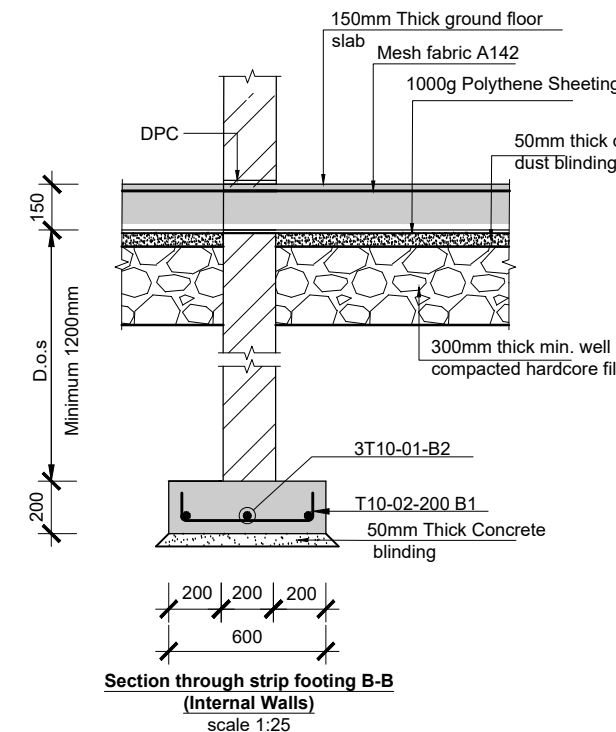
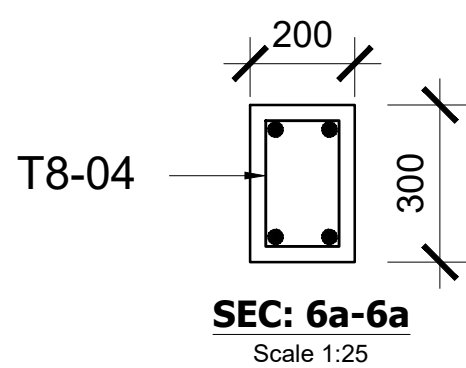
ROOF LAYOUT
(SCALE 1:100)



ROOF SLAB RC DETAIL
(SCALE 1:100)



COLUMN C1
12 NO. THUS
300X200
Scale 1:50



NOTES

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11. Concrete blinding to be Class 15 unless stated otherwise.
12. Masonry Strength to be 7.0 N/mm².

Designed by	DAN	Rev	Description	By	Date
Drawn by	DAN	D			
Checked by	HOH	C			
Scale	AS SHOWN	B			
		A			

DRAWING NO. 11-002-11

Consultant:-
ARPRIM CONSORTIUM
P.O. Box 12969-00100,
Nairobi, KENYA.
Tel: 02 608 906
Fax: 02 608 907
E-mail: info@arprimconsultants.com

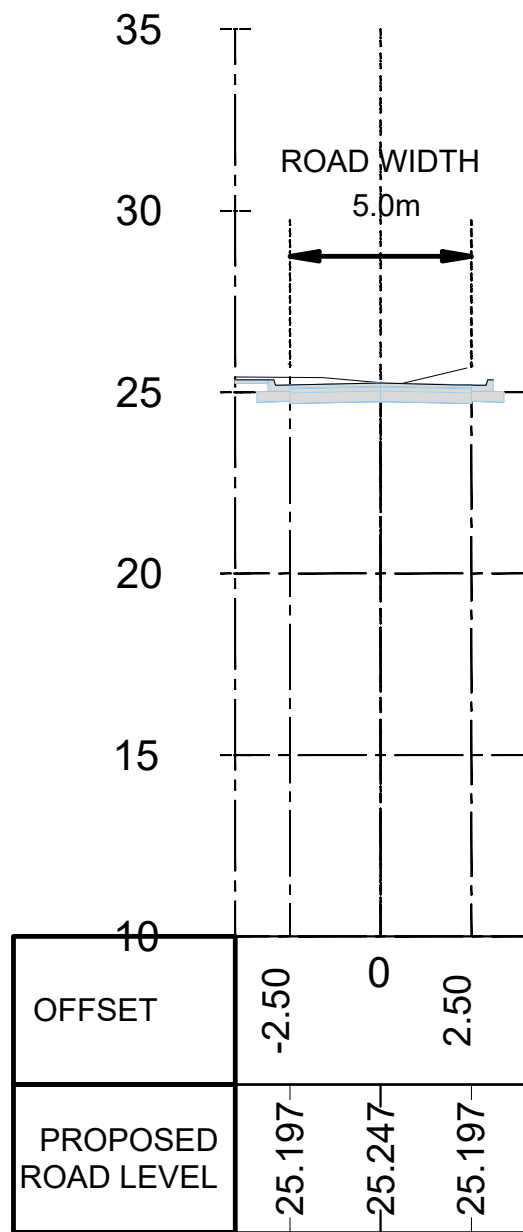
CLIENT:-
**STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE AND THE BLUE ECONOMY.**

PROJECT:-
**PROPOSED KENYA MARINE FISHERIES AND
SOCIO-ECONOMIC DEVELOPMENT (KMFSED) NATIONAL
AND COUNTY FISHERIES INFRASTRUCTURE.**

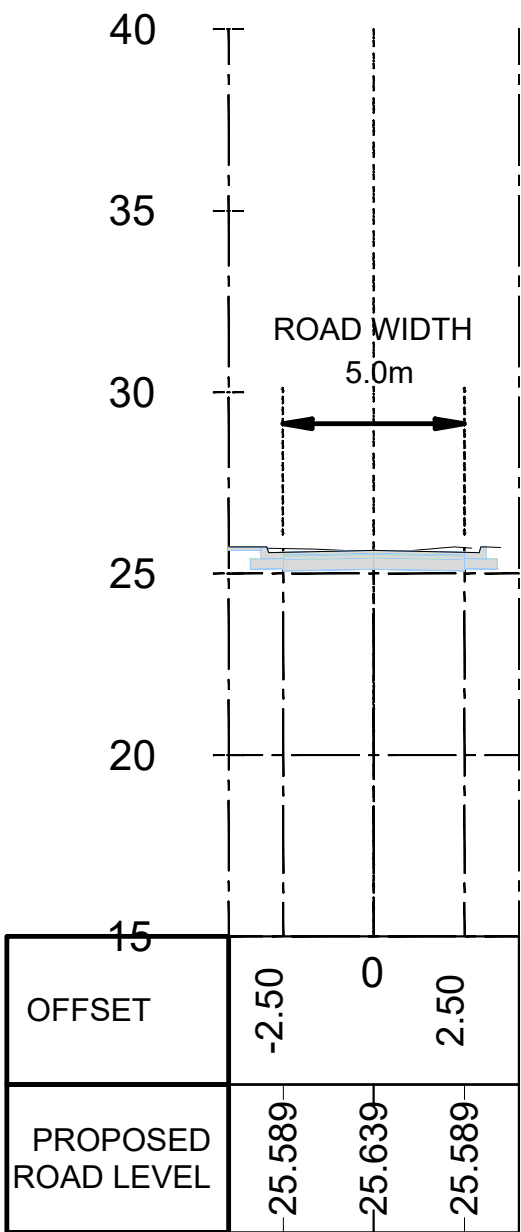
PROJECT TITLE:-
PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.

DRAWING TITLE:-
FISH GEAR MENDING SHED - STRUCTURAL DETAIL

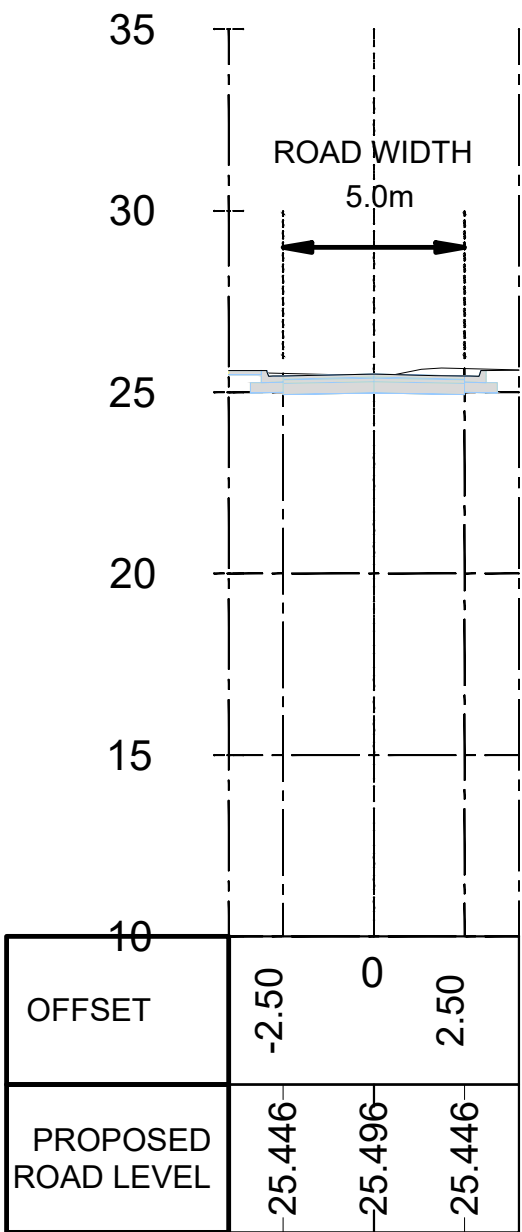
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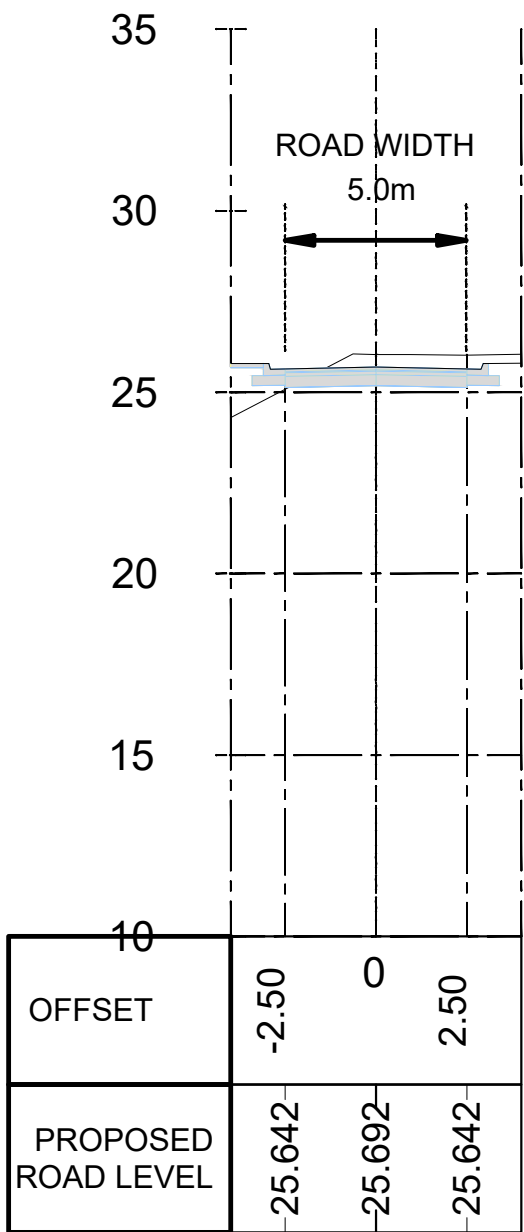
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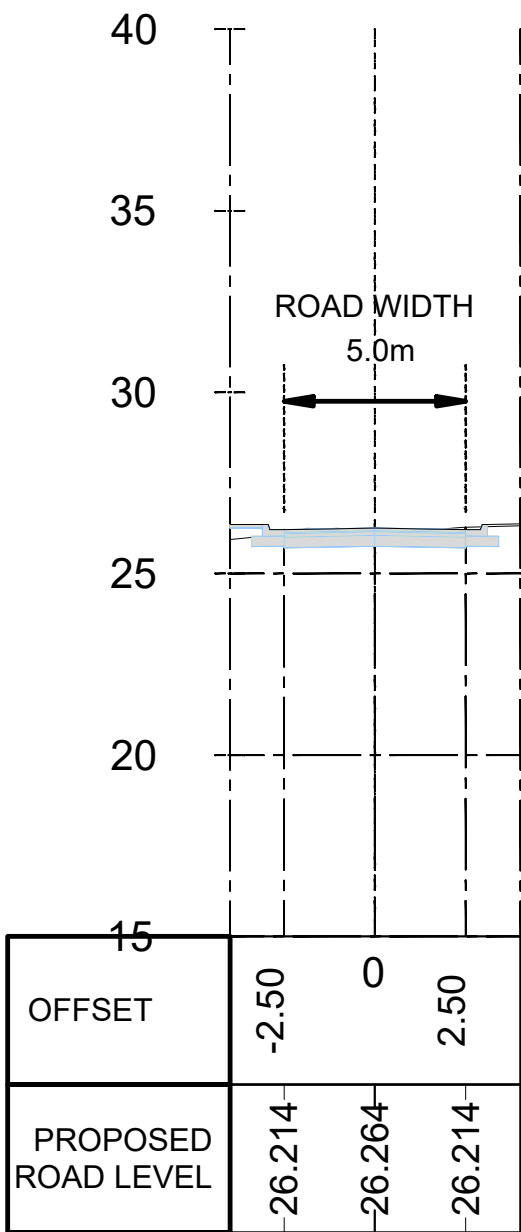
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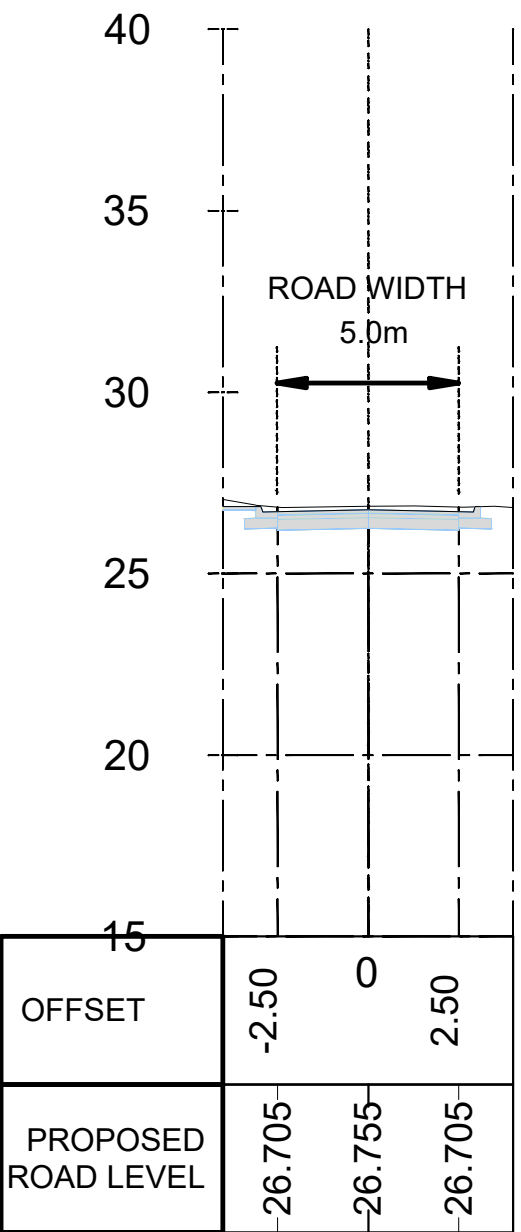
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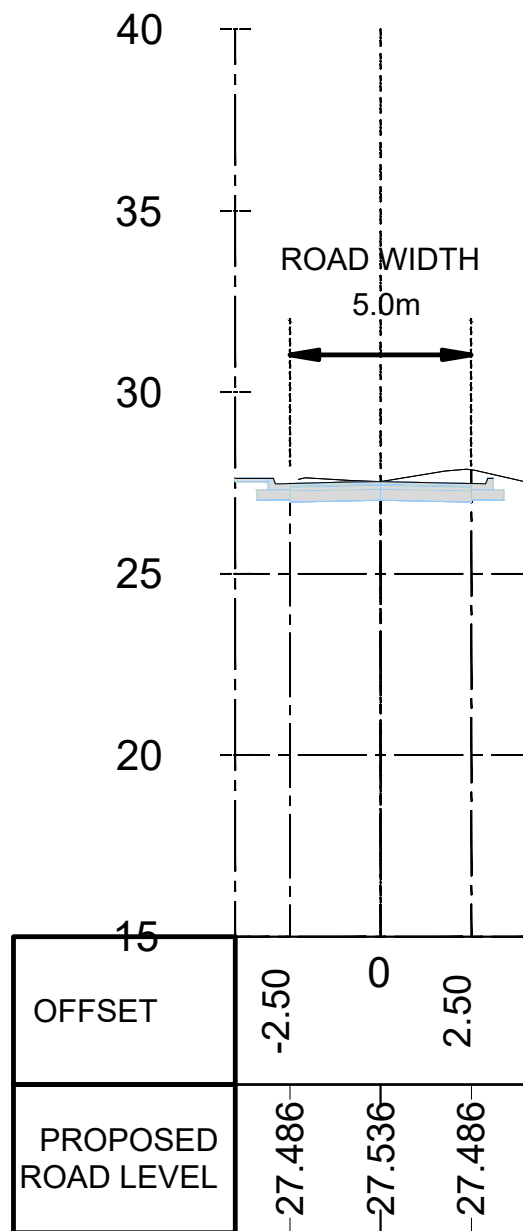
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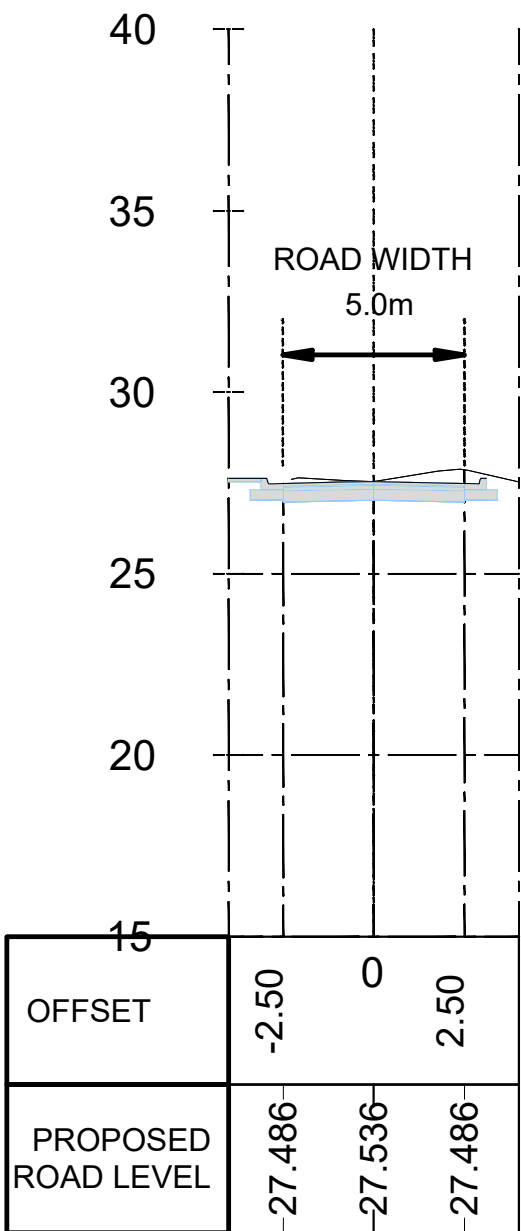
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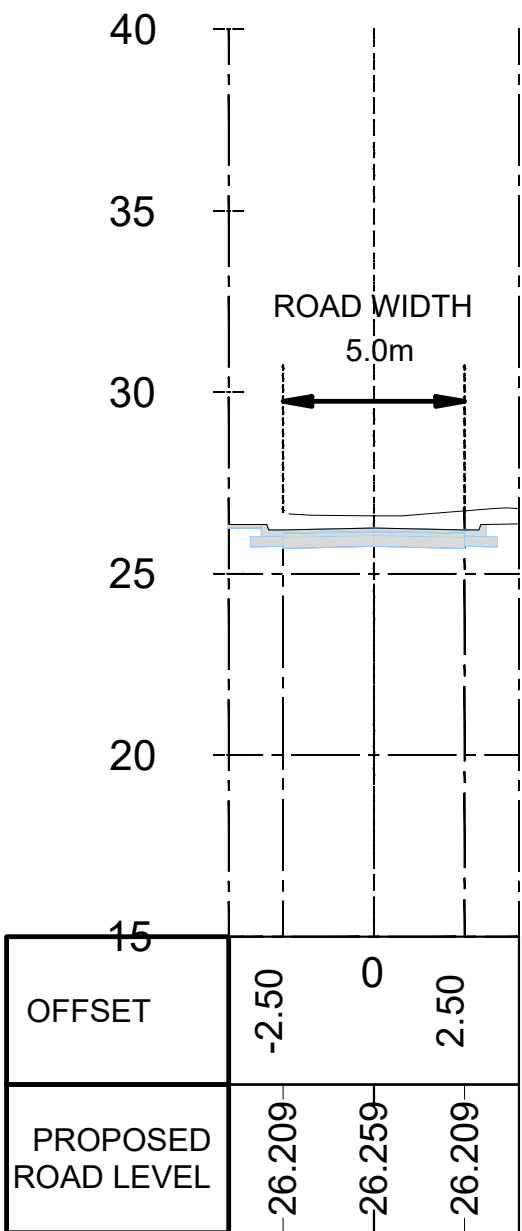
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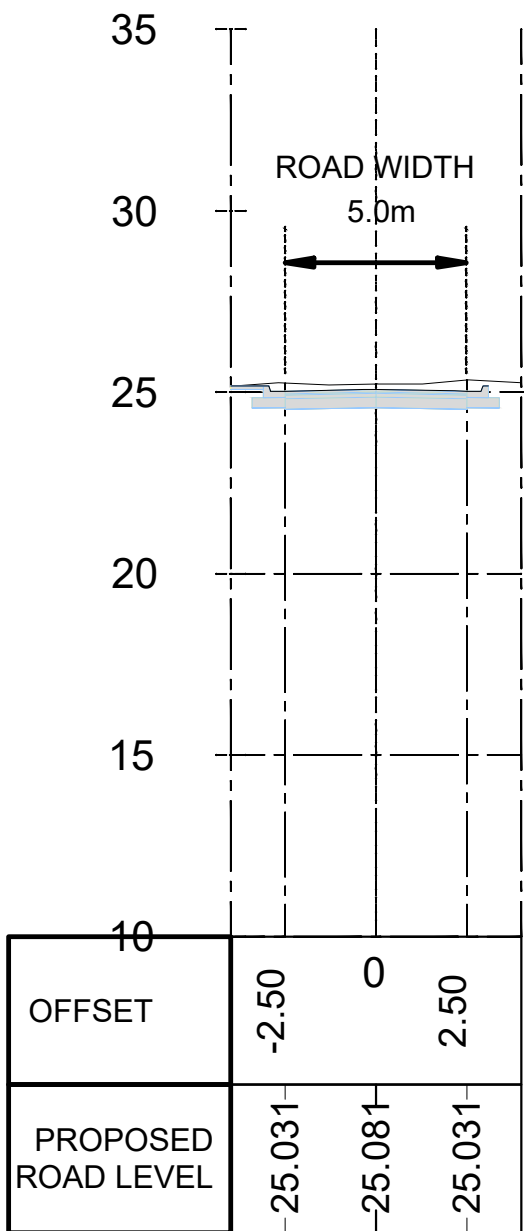
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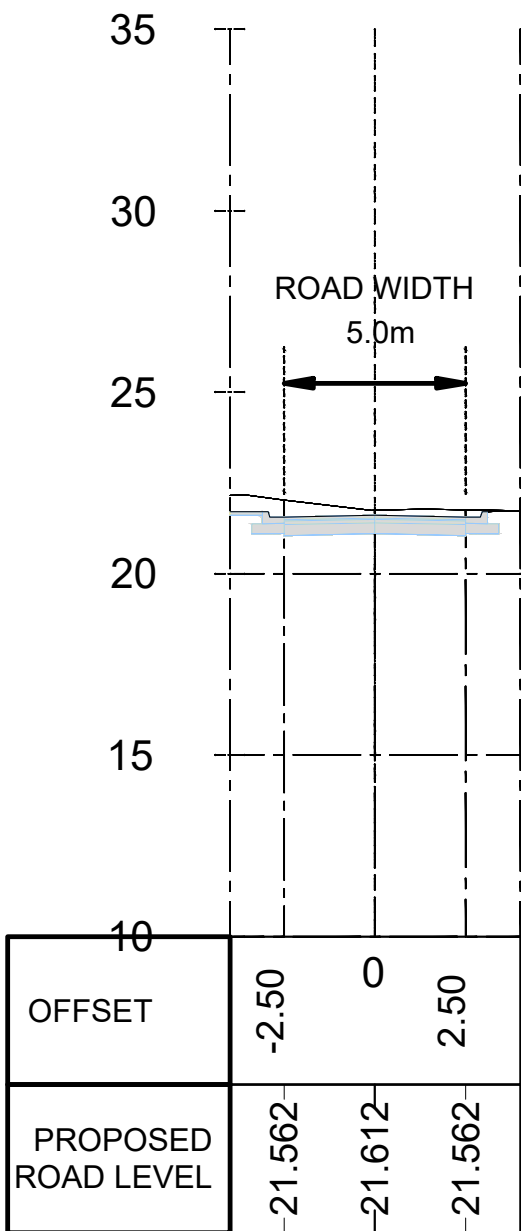
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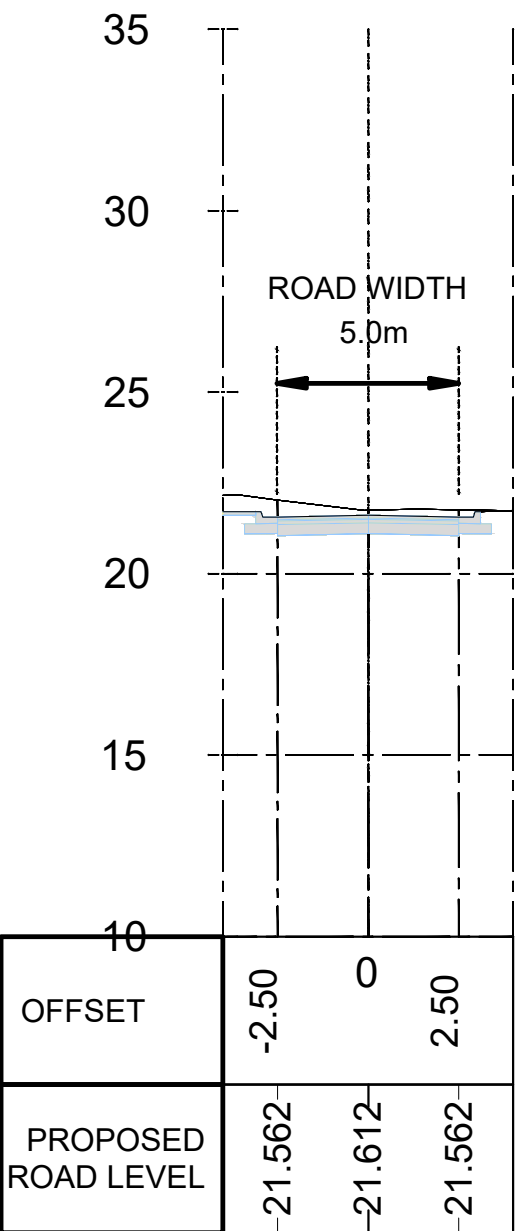
PROPOSED KIDONGO ROAD SECTION
CHAINAGE 0+450.00



PROPOSED KIDONGO ROAD SECTION
CHAINAGE 0+500.00



PROPOSED KIDONGO ROAD SECTION
CHAINAGE 0+500.00



Consultant:-
ARPRIM CONSORTIUM
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Fax: 02 608 907
E-mail: info@arprimconsultants.com

CLIENT:-
**STATE DEPARTMENT FOR FISHERIES,
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PROJECT:-
**PROPOSED KENYA MARINE FISHERIES AND
SOCIO-ECONOMIC DEVELOPMENT (KEMFSED) NATIONAL
AND COUNTY FISHERIES INFRASTRUCTURE.**

PROJECT TITLE:-
PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.

DRAWING TITLE:-
ROAD SECTION

NOTES

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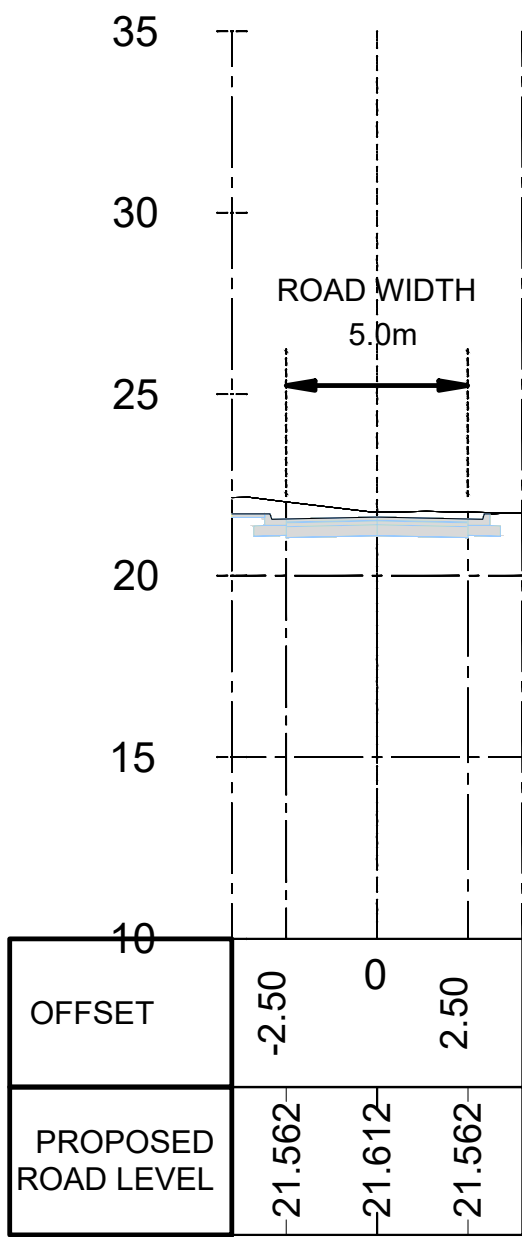
Stairs, Slabs & Walls
Beams (main bars)
Post-tensioned beams
Columns (main bars)
Foundations
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12. Masonry Strength to be 7.0 N/mm².

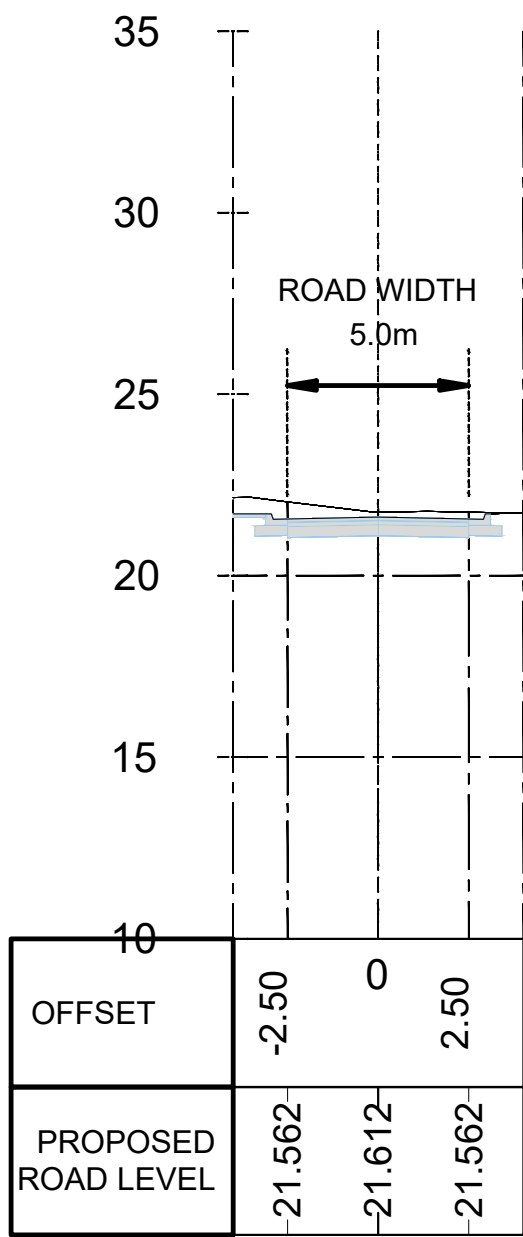
Designed by	DAN	Rev	Description	By	Date
Drawn by	DAN	D			
Checked by	HOH	C			
Scale	AS SHOWN	B			
		A			

DRAWING NO. 11-002-13

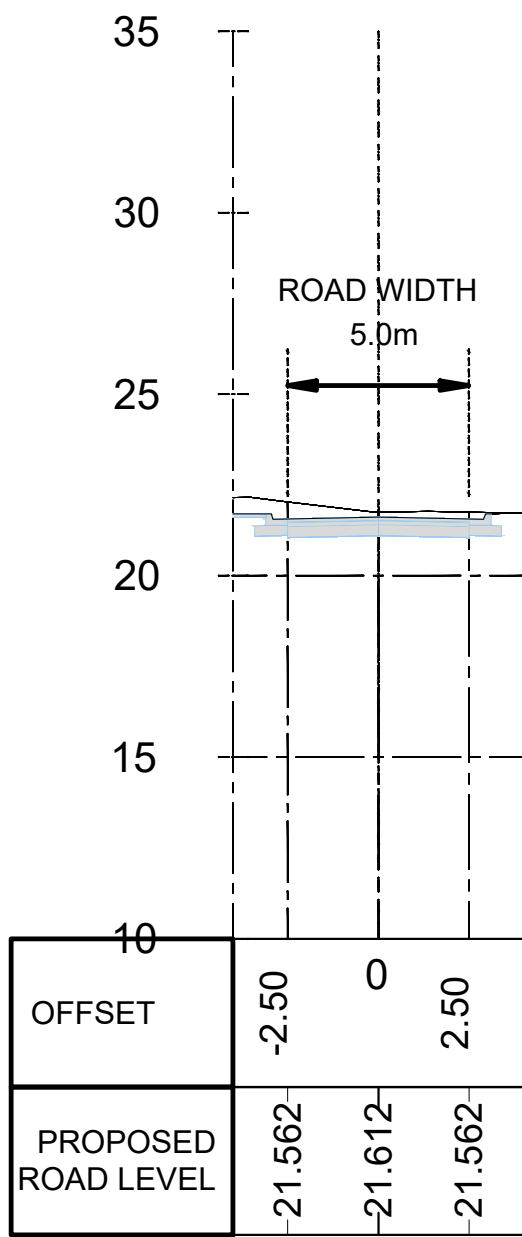
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CHAINAGE 0+500.00



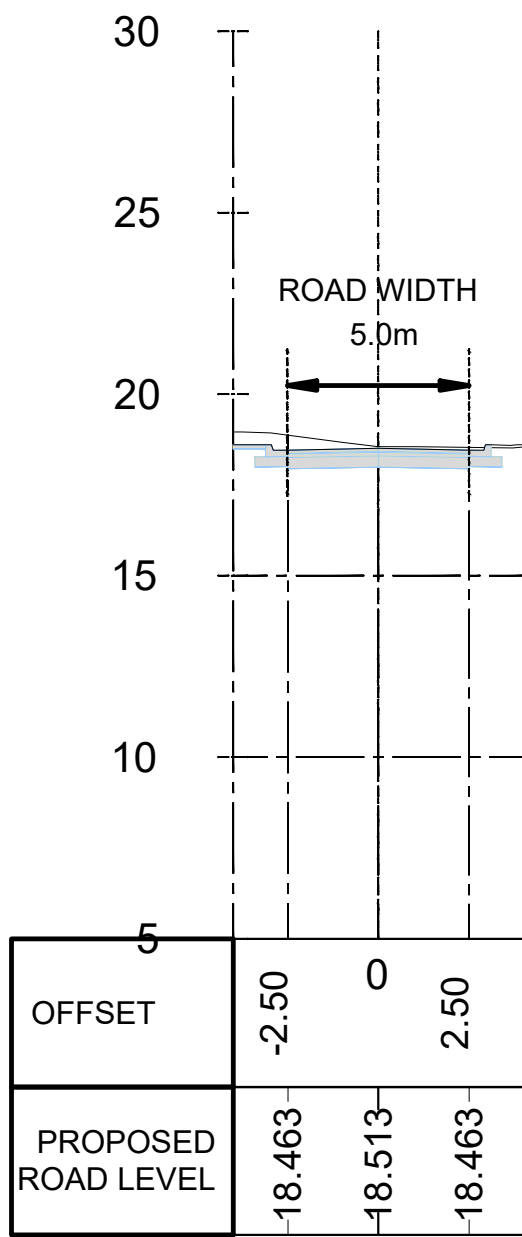
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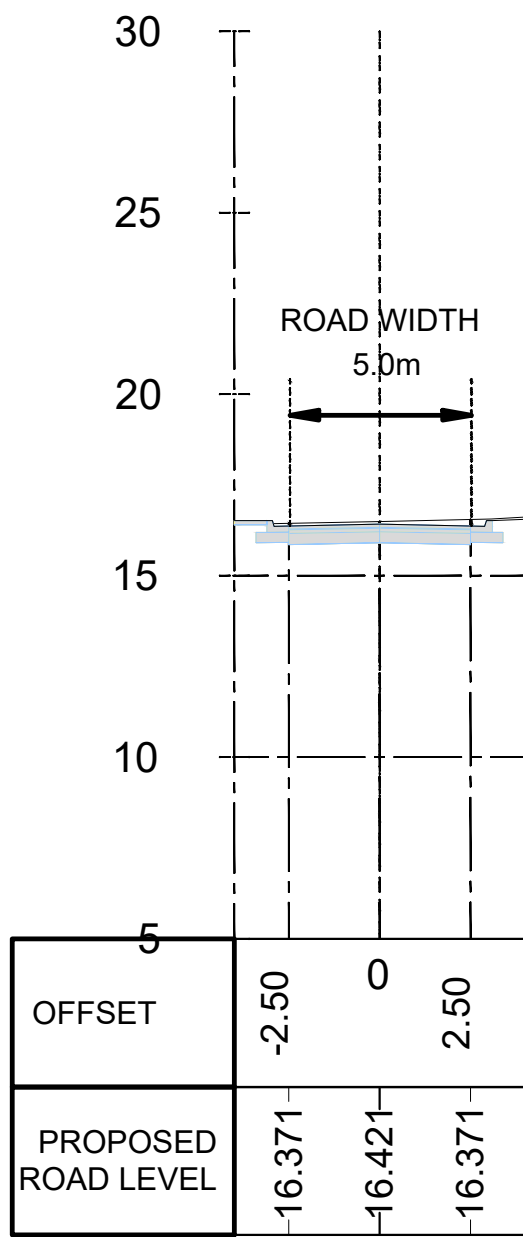
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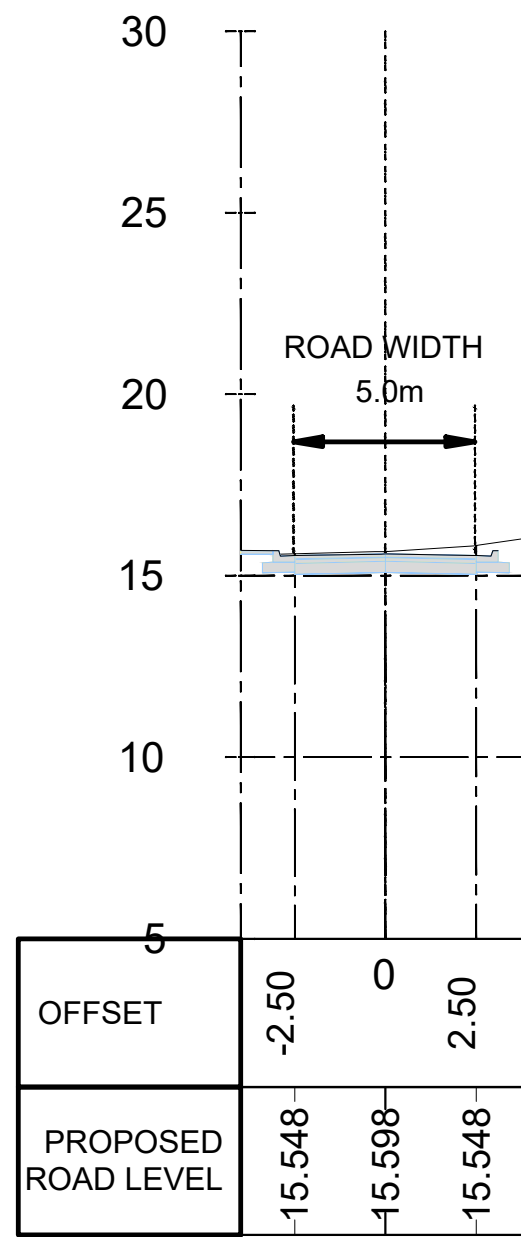
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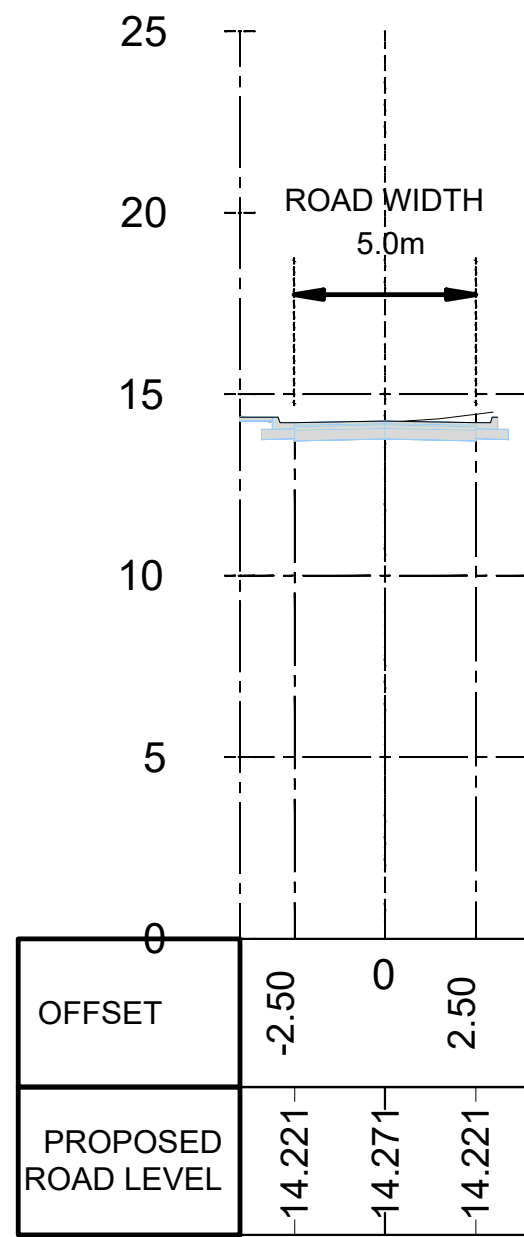
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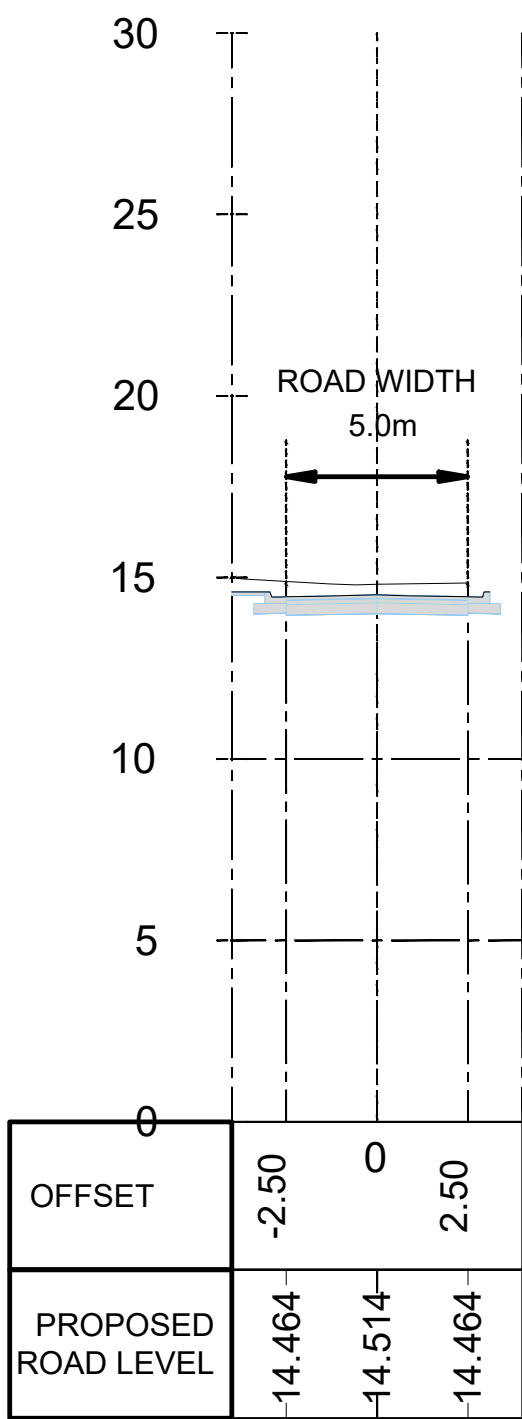
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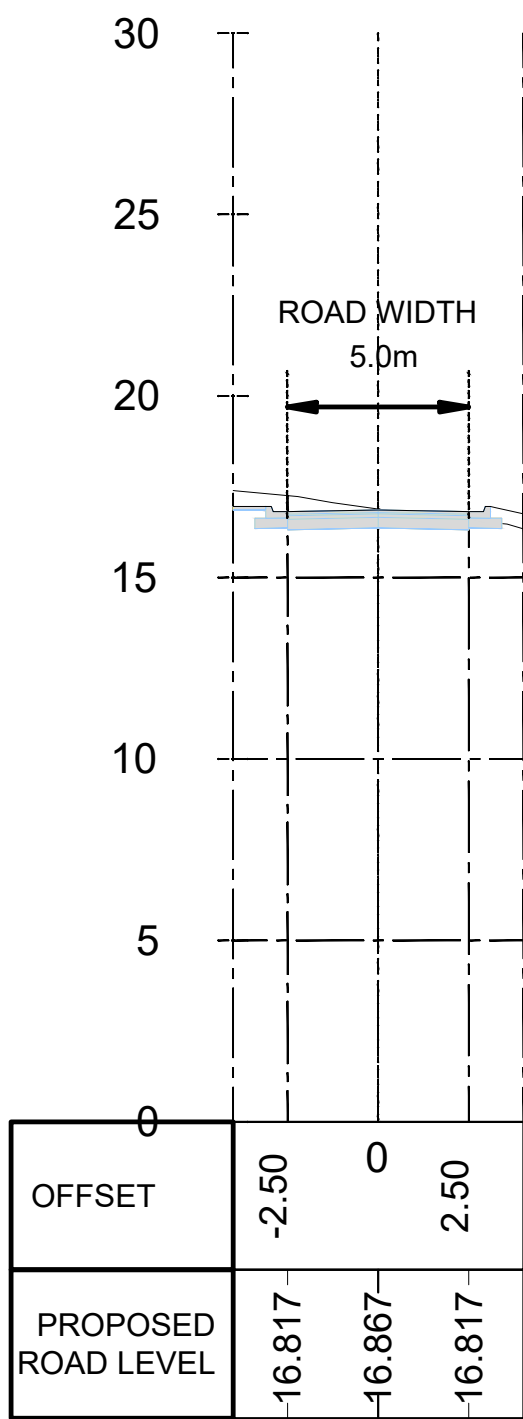
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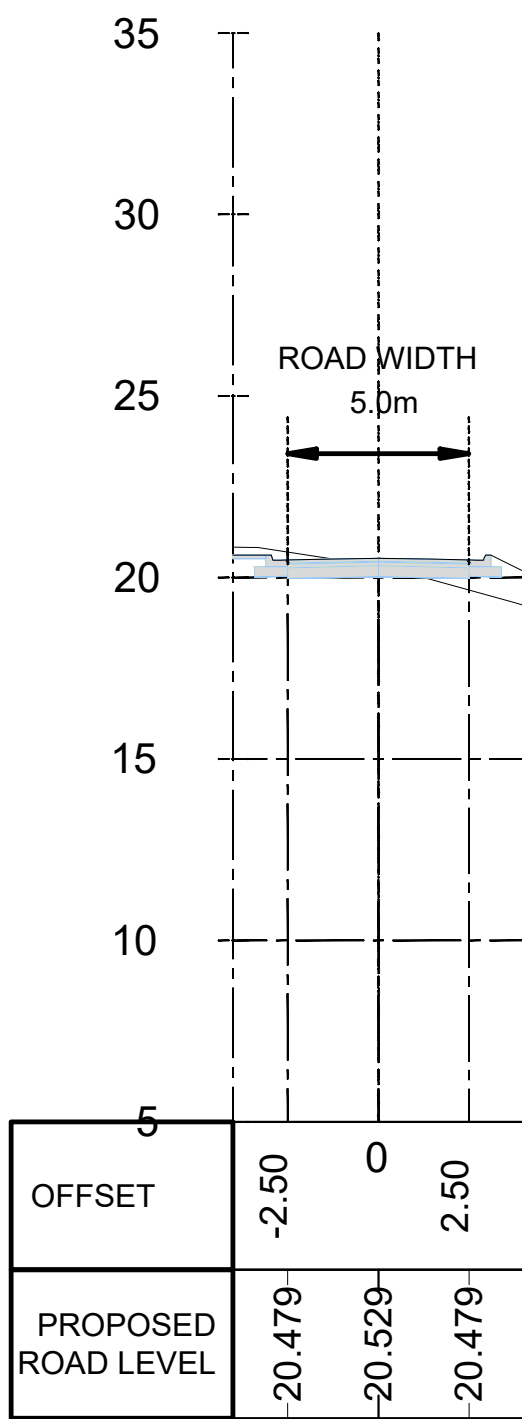
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CHAINAGE 0+750.00



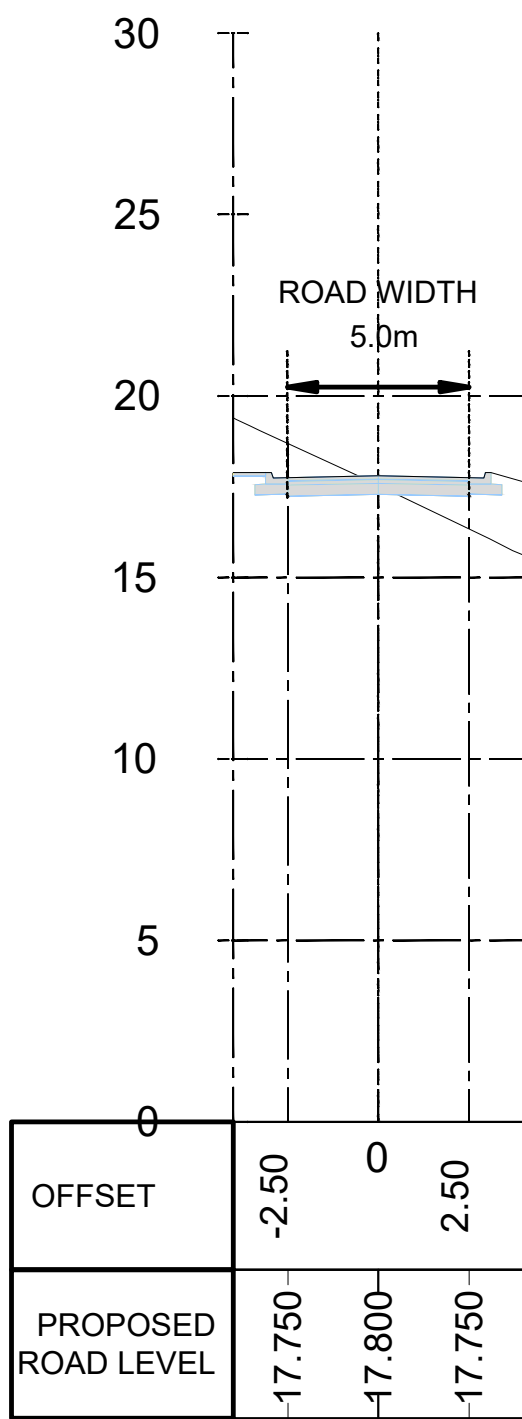
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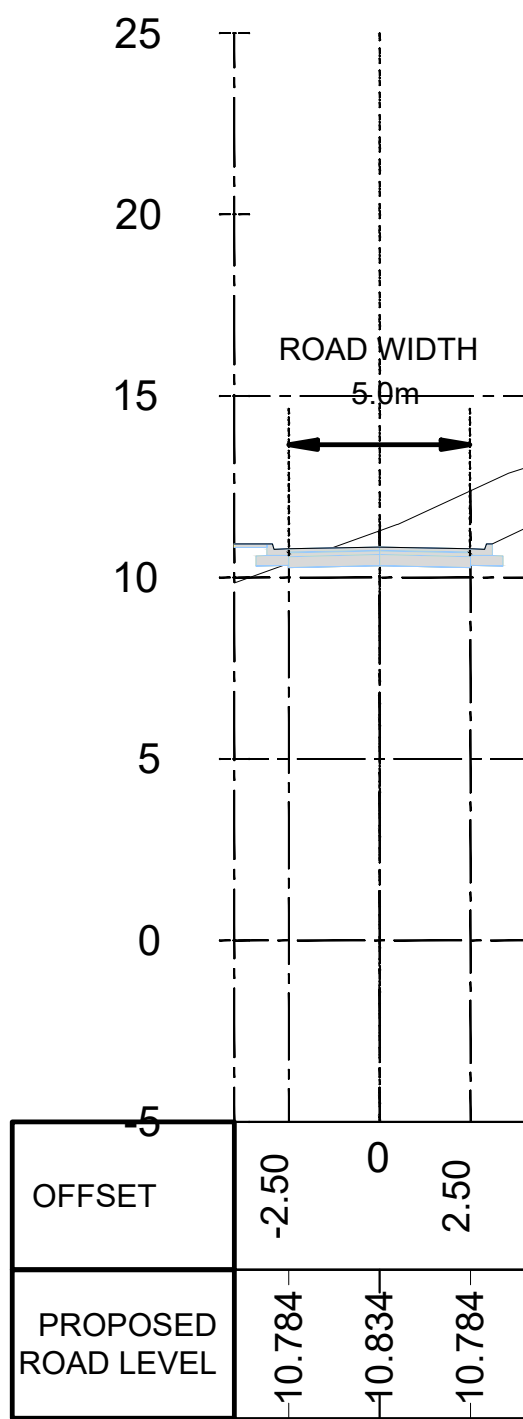
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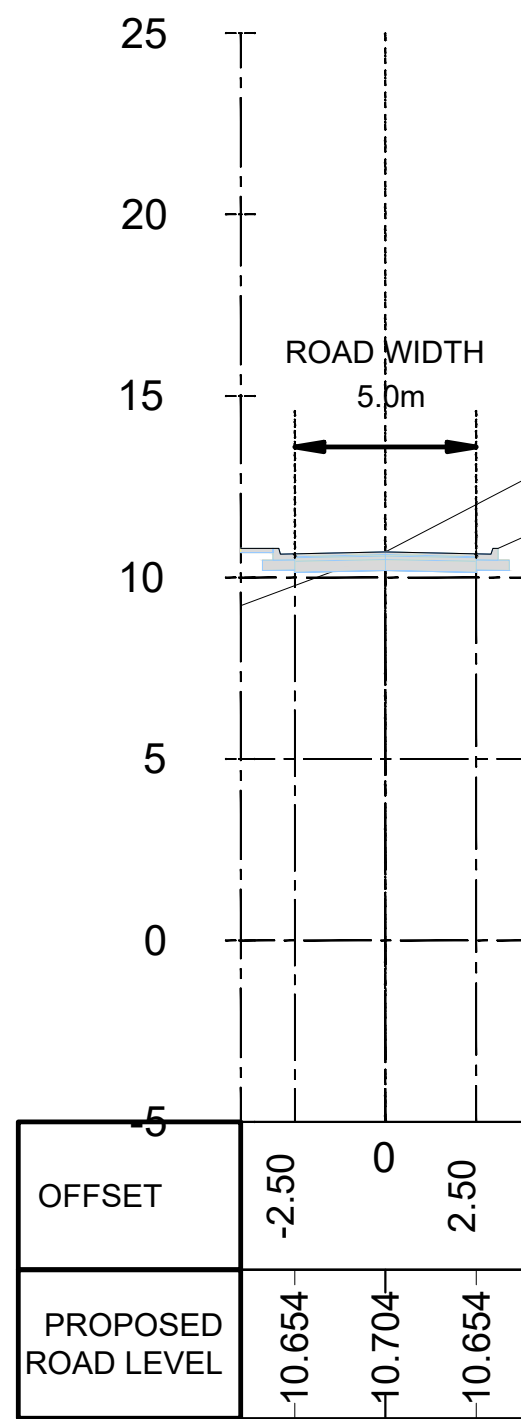
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CHAINAGE 0+900.00



PROPOSED KIDONGO ROAD SECTION
CHAINAGE 0+950.00



PROPOSED KIDONGO ROAD SECTION
CHAINAGE 0+957.84



Consultant:-
ARPRIM CONSORTIUM
P.O. Box 12969-00100,
Nairobi, KENYA.
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Fax: 02 608 907
E-mail: info@arprimconsultants.com

CLIENT:-
**STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE AND THE BLUE ECONOMY.**

PROJECT:-
**PROPOSED KENYA MARINE FISHERIES AND
SOCIO-ECONOMIC DEVELOPMENT (KEMFSD) NATIONAL
AND COUNTY FISHERIES INFRASTRUCTURE.**

PROJECT TITLE:-
PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.

DRAWING TITLE:-
ROAD SECTION

NOTES

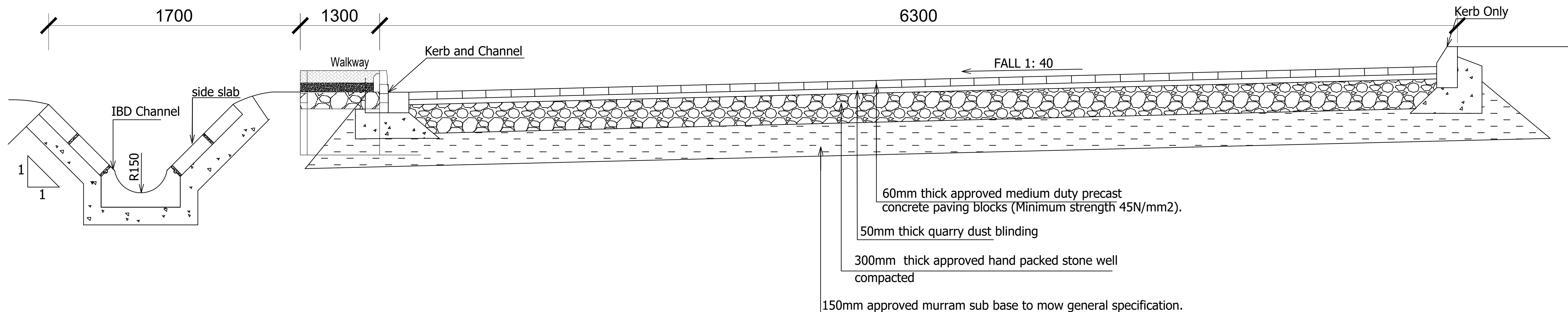
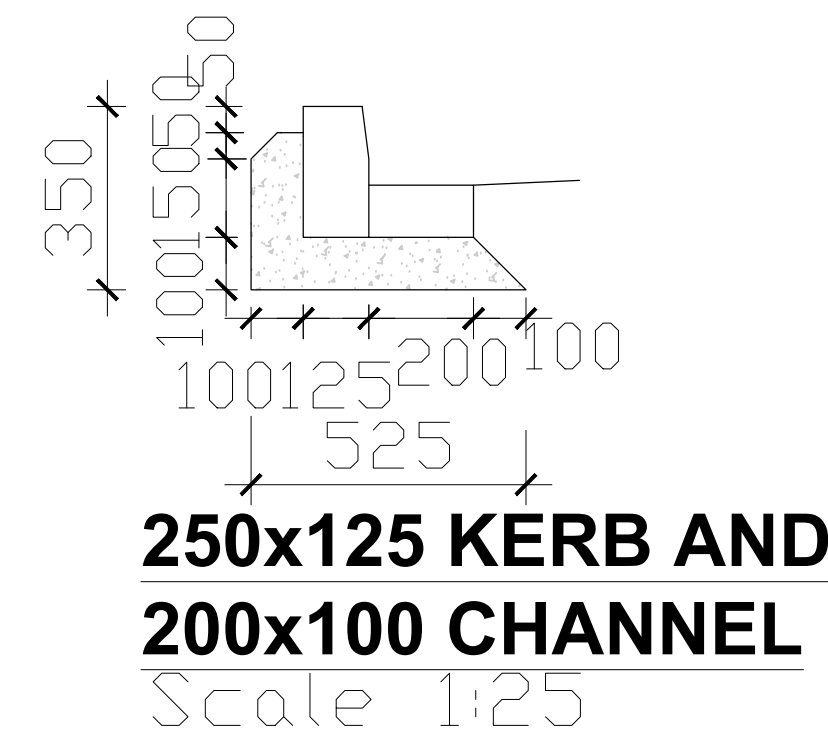
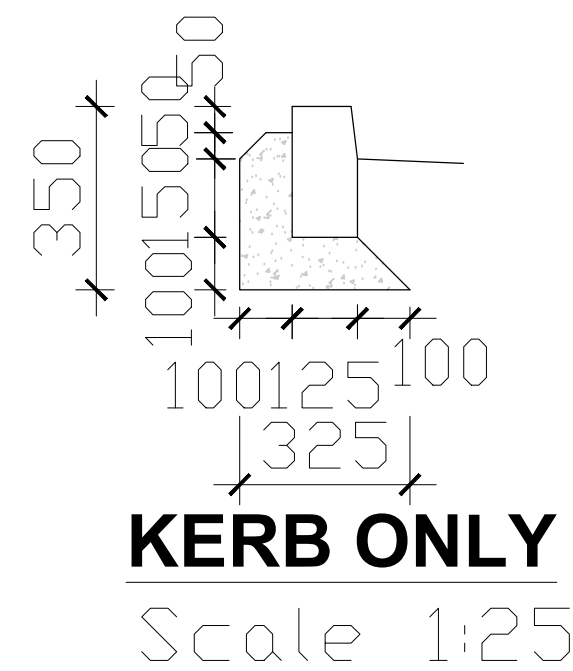
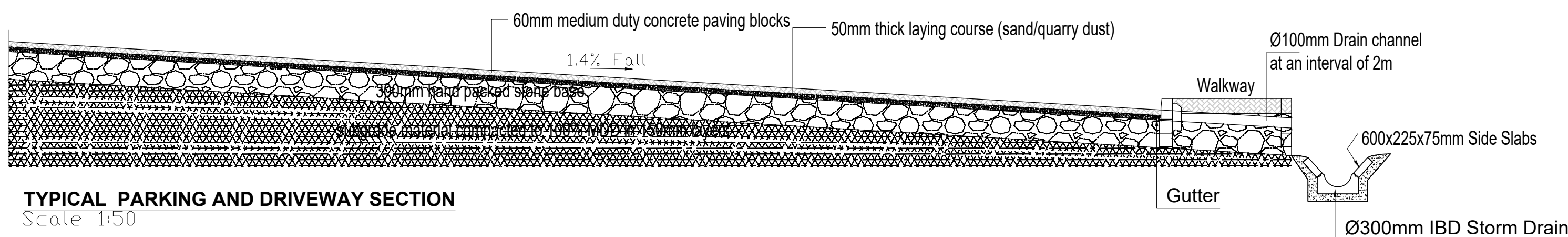
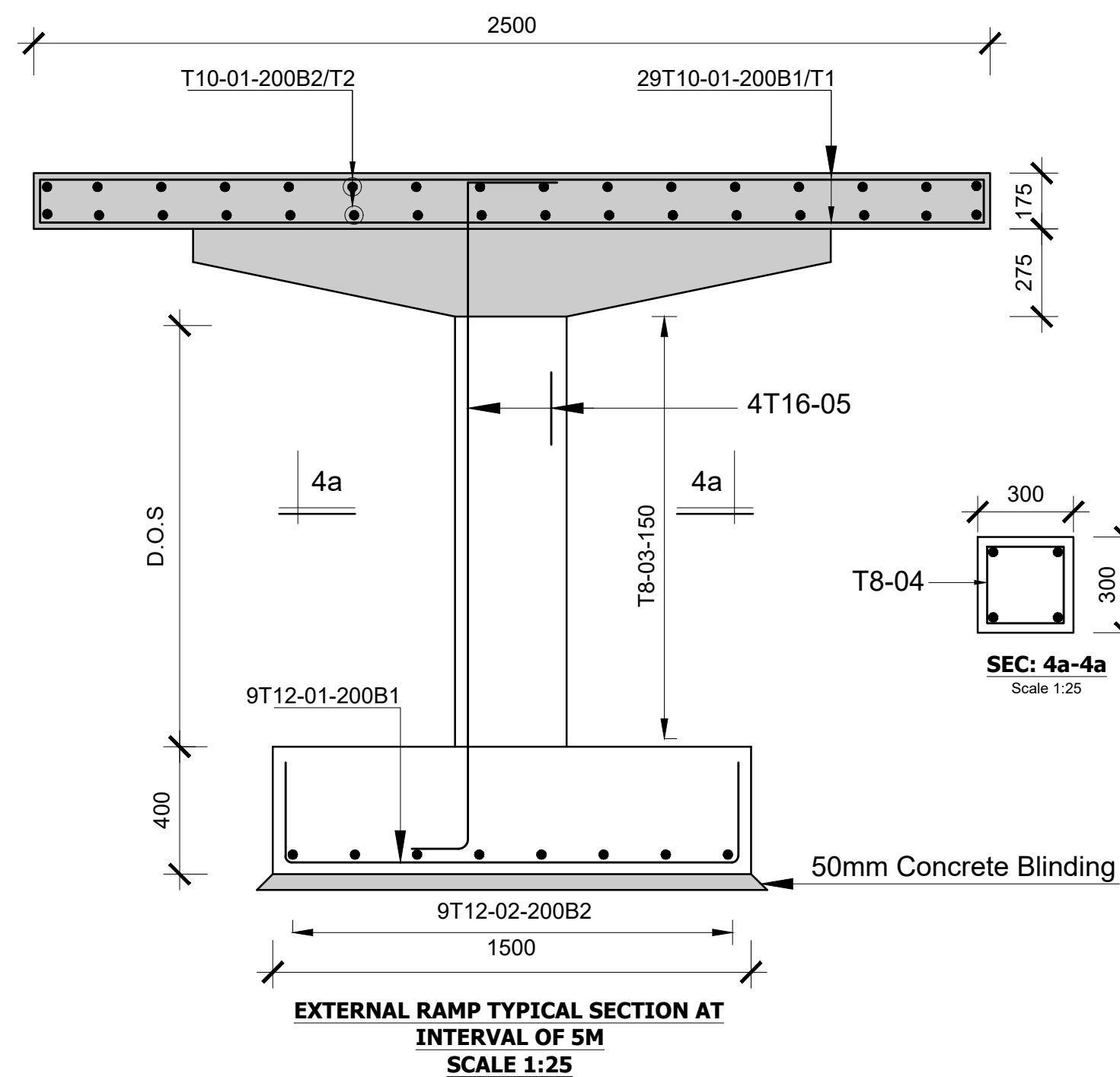
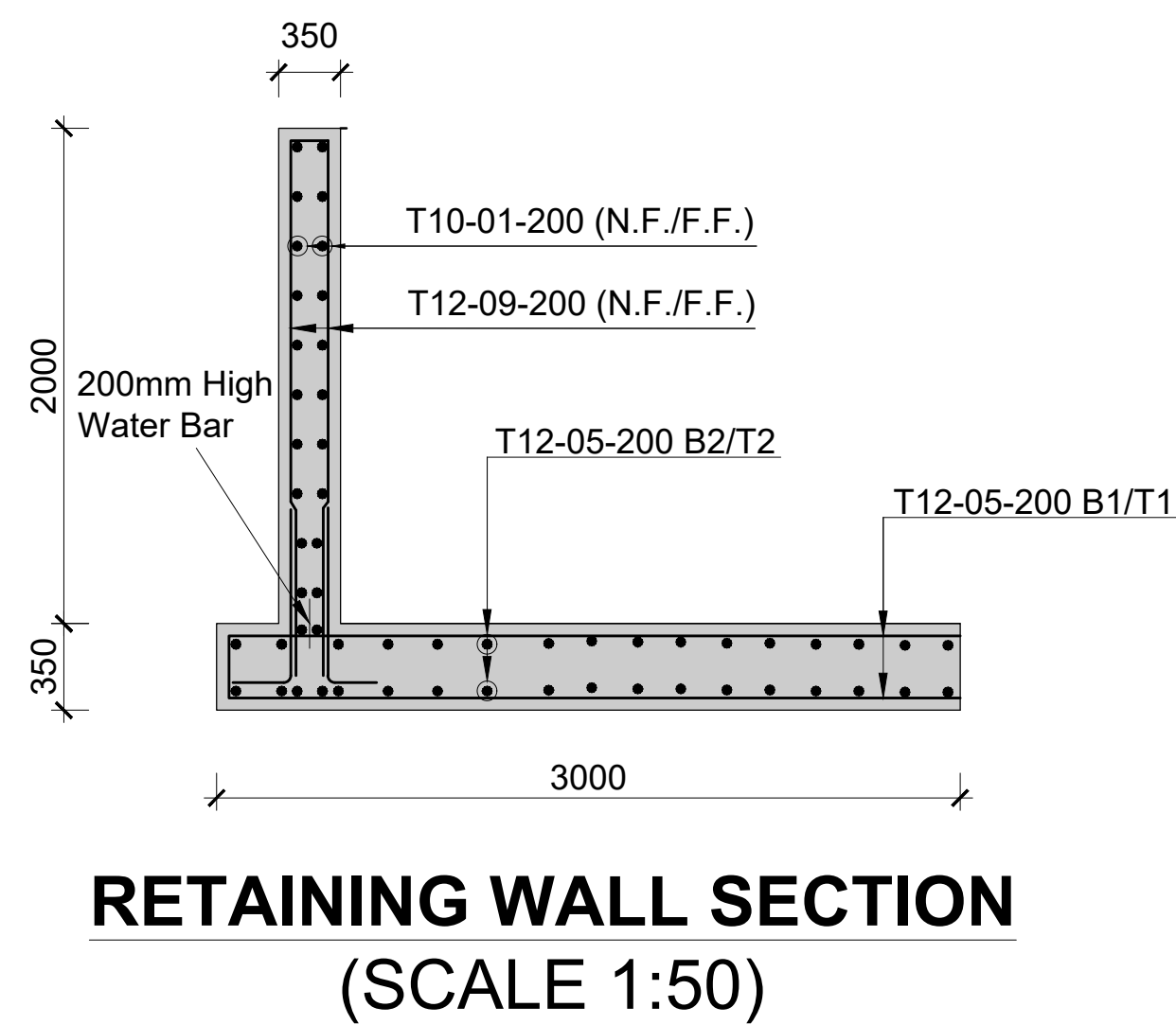
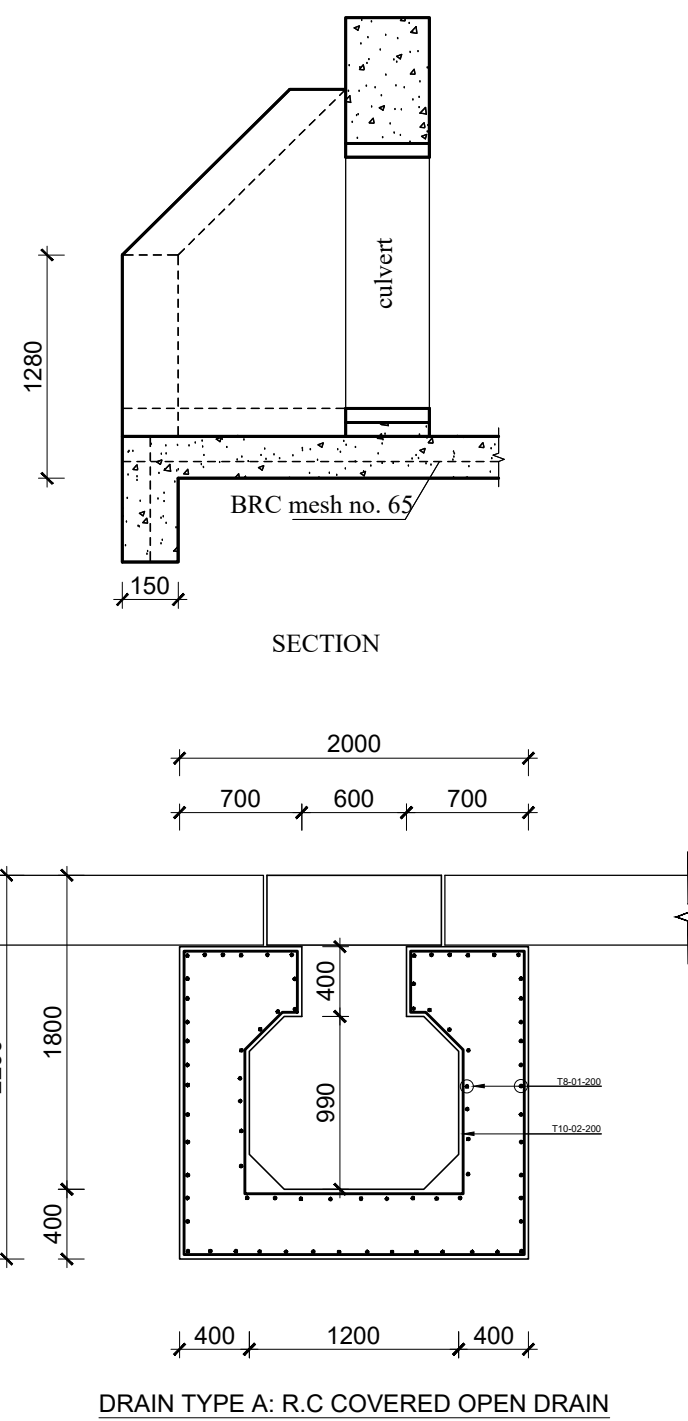
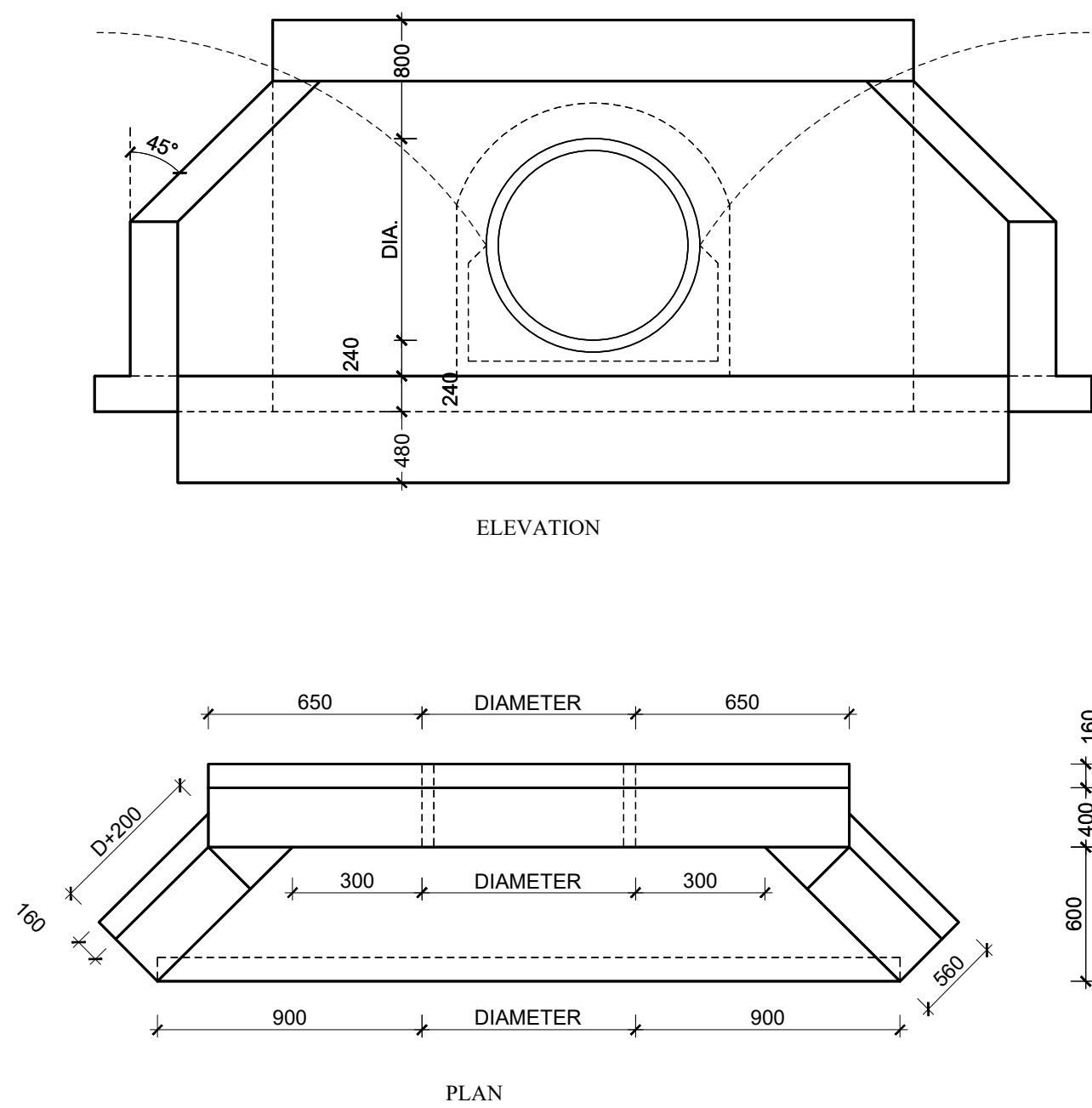
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Designed by	DAN	Rev	Description	By	Date
Drawn by	DAN	D			
Checked by	HOH	C			
Scale	AS SHOWN	B			
		A			

DRAWING NO. 11-002-14



ROAD SECTION Y-Y (ONE WAY FALL)

SCALE 1:50

Consultant:- ARPRIM CONSORTIUM P.O. Box 12969-00100, Nairobi, KENYA. Tel: 02 608 906 Fax: 02 608 907 E-mail: info@arprimconsultants.com	CLIENT:- STATE DEPARTMENT FOR FISHERIES, AQUACULTURE AND THE BLUE ECONOMY.	PROJECT:- PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSD) NATIONAL AND COUNTY FISHERIES INFRASTRUCTURE.	PROJECT TITLE:- PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.
DRAWING TITLE:- CIVIL WORKS 1			

NOTES

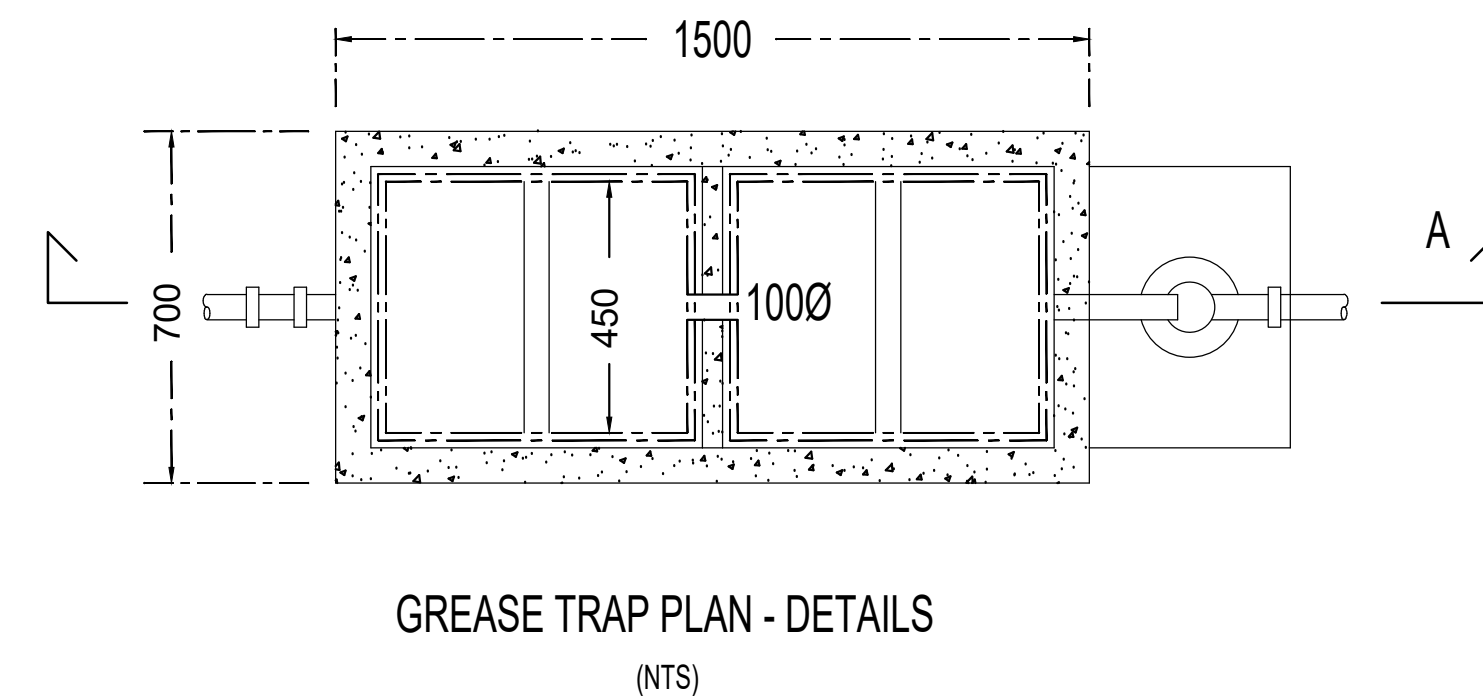
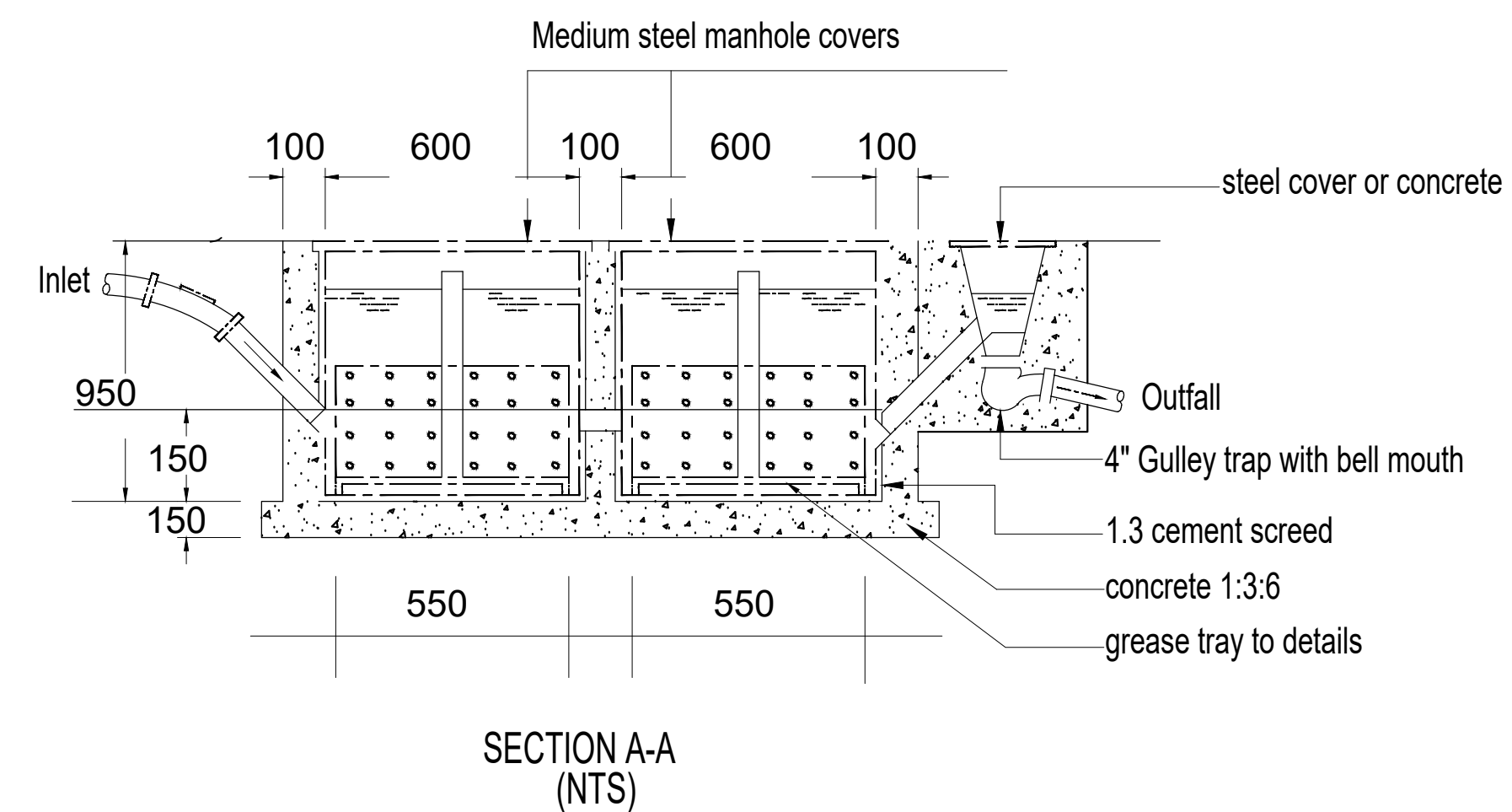
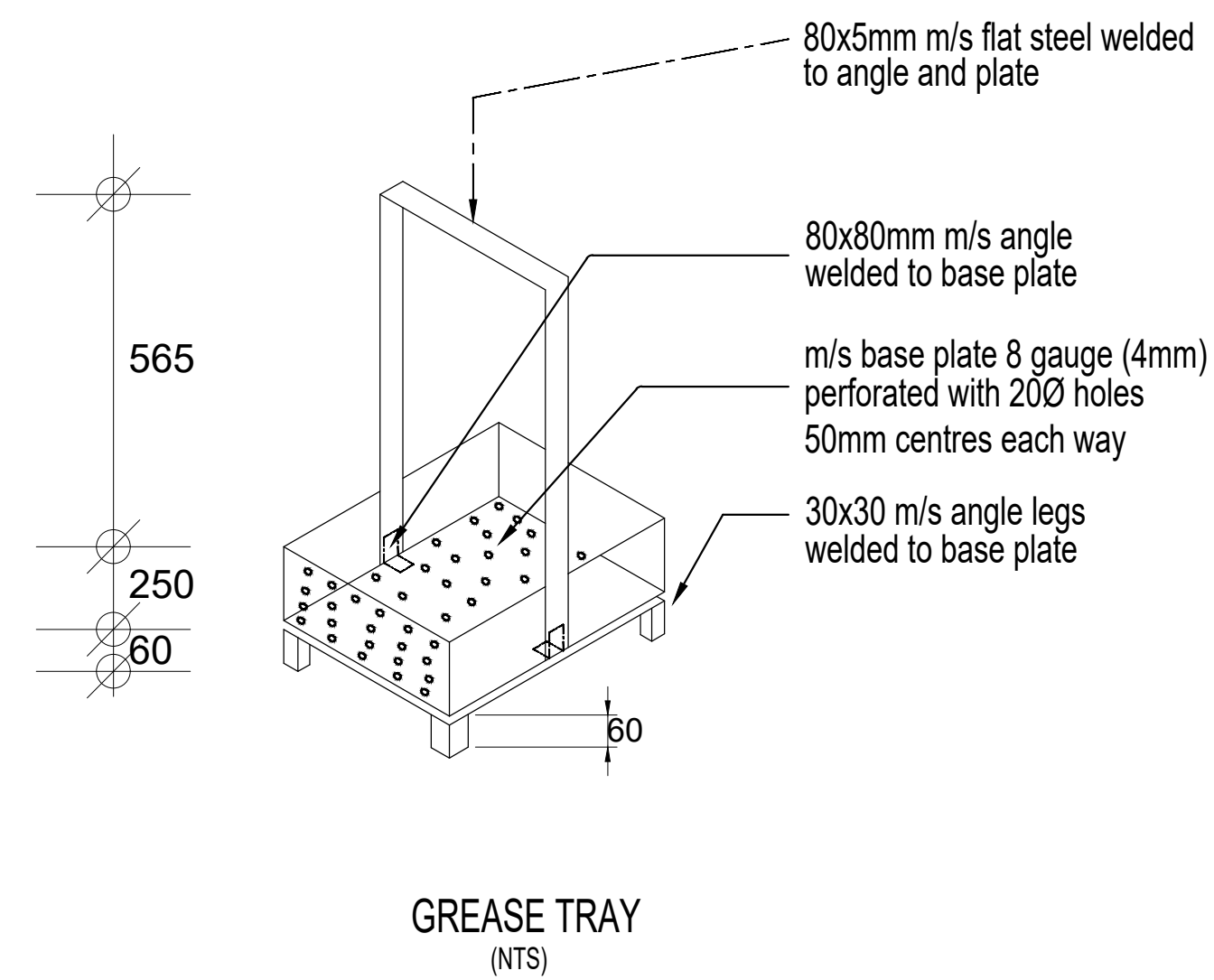
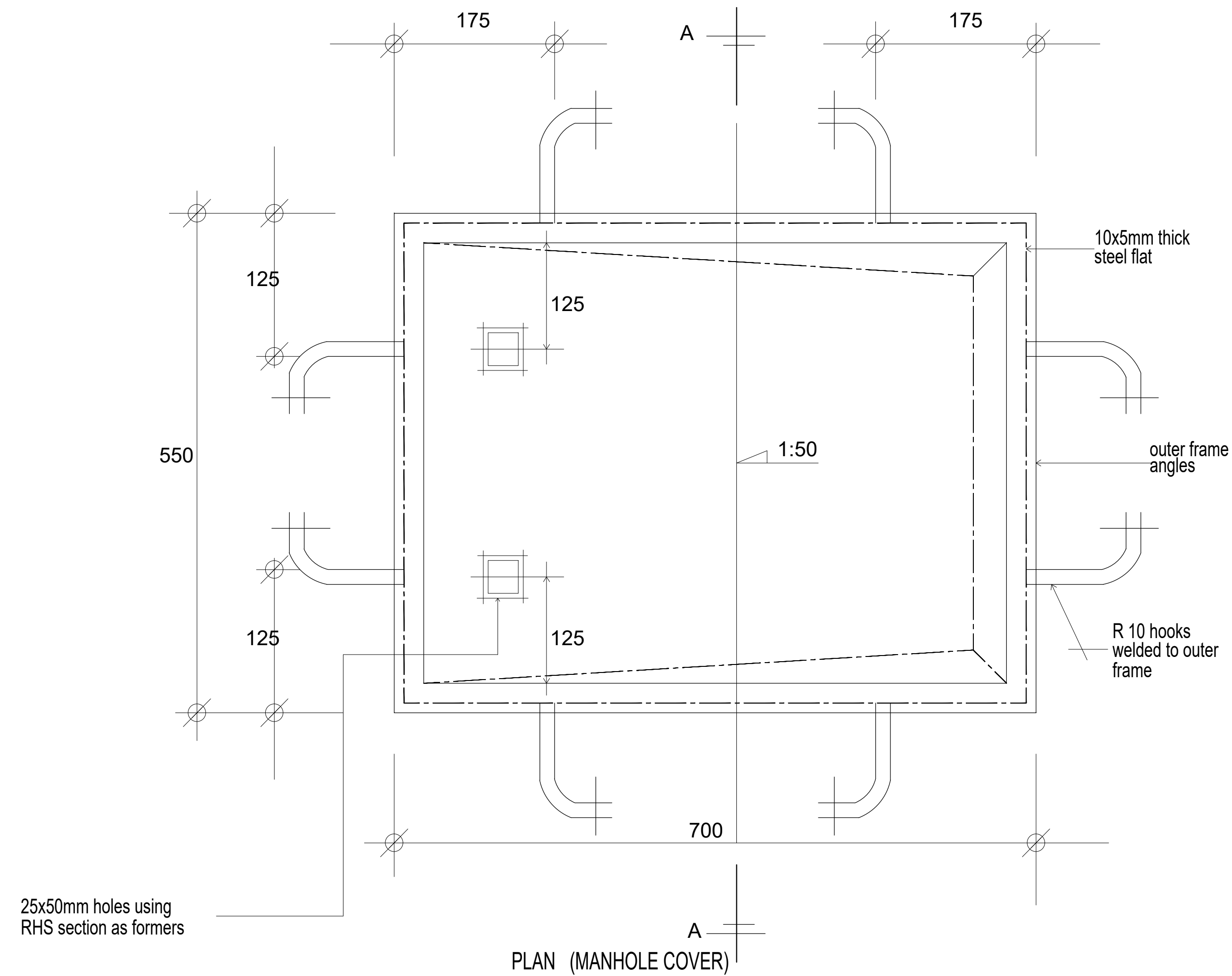
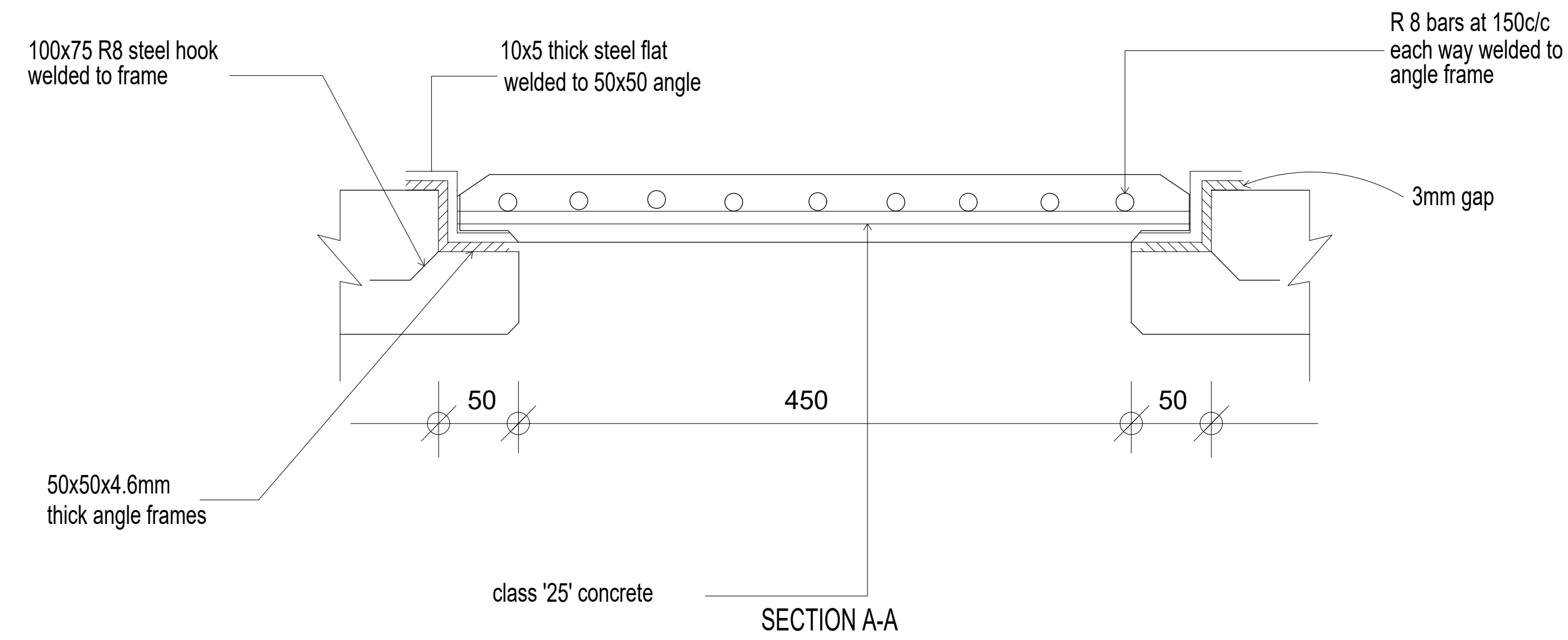
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- Stairs, Slabs & Walls
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Post-tensioned beams = 40mm
Columns (main bars) = 40mm
Foundations = 75mm
- Maximum tolerance on concrete cover is +/- 5mm.
- All high tensile (T) and mild steel (R) bars to be in accordance with BS 4449 and fabric mesh to be made from cold worked steel bars in accordance with BS 4483.
- Minimum laps to all bars to be 500 unless stated otherwise.

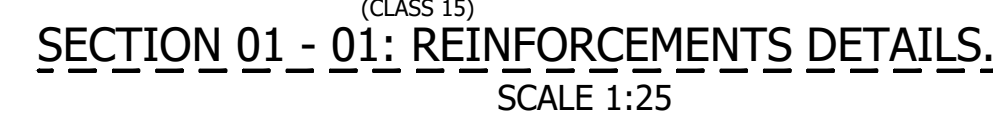
- Safe Bearing Pressure taken to be 250 KN/m².
- Nominal aggregate size to be 20mm.
- Structural concrete to be Class 25 unless stated otherwise.
- Concrete blinding to be Class 15 unless stated otherwise.
- Masonry Strength to be 7.0 N/mm².

Designed by	DAN	Rev	Description	By	Date
Drawn by	DAN	D			
Checked by	HOH	C			
Scale	AS SHOWN	B			
		A			

DRAWING NO. 11-002-15



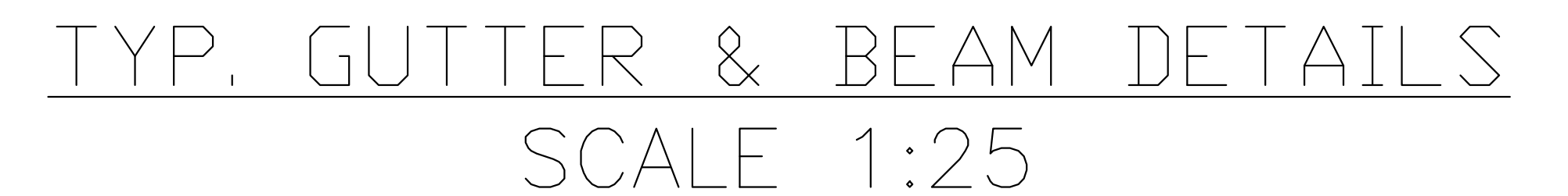
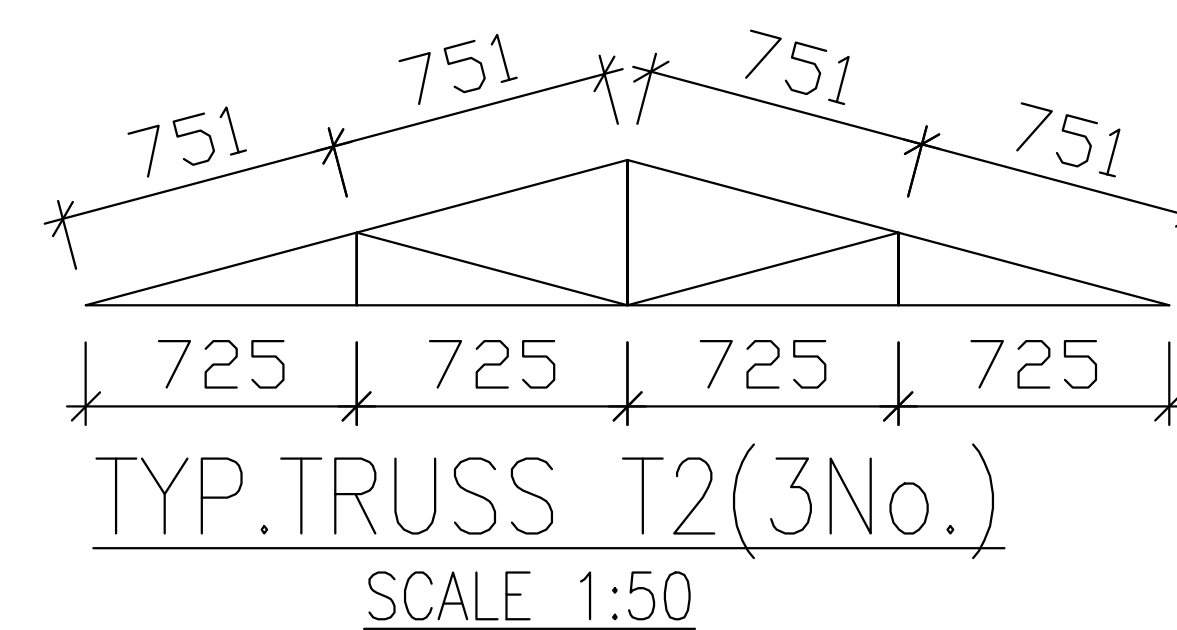
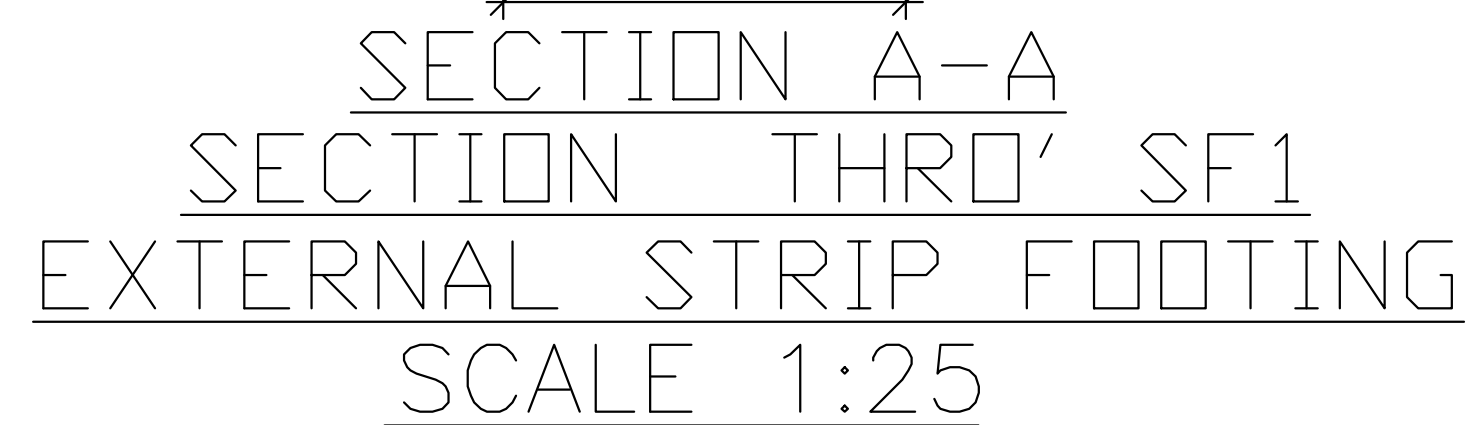
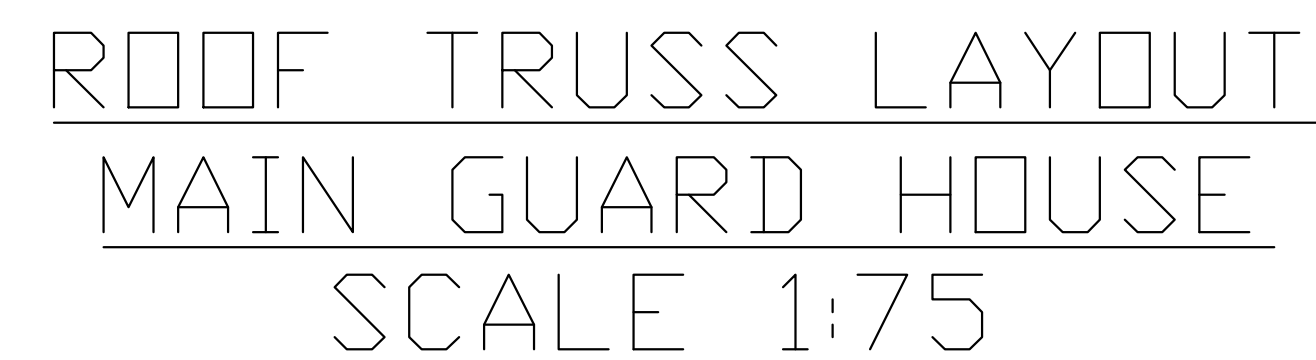
Consultant:- ARPRIM CONSORTIUM P.O. Box 12969-00100, Nairobi, KENYA. Tel: 02 608 906 Fax: 02 608 907 E-mail: info@arprimconsultants.com	CLIENT:- STATE DEPARTMENT FOR FISHERIES, AQUACULTURE AND THE BLUE ECONOMY.	PROJECT:- PROPOSED KENYA MARINE FISHERIES AND SOCIO-ECONOMIC DEVELOPMENT (KEMFSD) NATIONAL AND COUNTY FISHERIES INFRASTRUCTURE.	PROJECT TITLE:- PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY. DRAWING TITLE:- CIVIL WORKS 3	NOTES 1. Read this drawing in conjunction with relevant G.A., Services and Architectural drawings. Any discrepancy to be reported to the Engineer. 2. All dimensions are in millimetres unless specified otherwise. 3. All levels are indicated in m unless specified otherwise. 4. Minimum cover to all reinforcement to be: Stairs, Slabs & Walls = 35mm Beams (main bars) = 35mm Post-tensioned beams = 40mm Columns (main bars) = 40mm Foundations = 75mm 5. Maximum tolerance on concrete cover is +/- 5mm. 6. All high tensile (T) and mild steel (R) bars to be in accordance with BS 4449 and fabric mesh to be made from cold worked steel bars in accordance with BS 4483. 7. Minimum laps to all bars to be 500 unless stated otherwise. 8. Safe Bearing Pressure taken to be 250 KN/m². 9. Nominal aggregate size to be 20mm. 10. Structural concrete to be Class 25 unless stated otherwise. 11. Concrete blinding to be Class 15 unless stated otherwise. 12. Masonry Strength to be 7.0 N/mm².	<table border="1"> <tr> <td>Designed by</td> <td>DAN</td> <td>Rev</td> <td>Description</td> <td>By</td> <td>Date</td> </tr> <tr> <td>Drawn by</td> <td>DAN</td> <td>D</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Checked by</td> <td>HOH</td> <td>C</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Scale</td> <td>AS SHOWN</td> <td>B</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>A</td> <td></td> <td></td> <td></td> </tr> </table> <div style="border: 1px solid black; padding: 5px; text-align: center;"> DRAWING NO. 11-002-17 </div>	Designed by	DAN	Rev	Description	By	Date	Drawn by	DAN	D				Checked by	HOH	C				Scale	AS SHOWN	B						A			
Designed by	DAN	Rev	Description	By	Date																														
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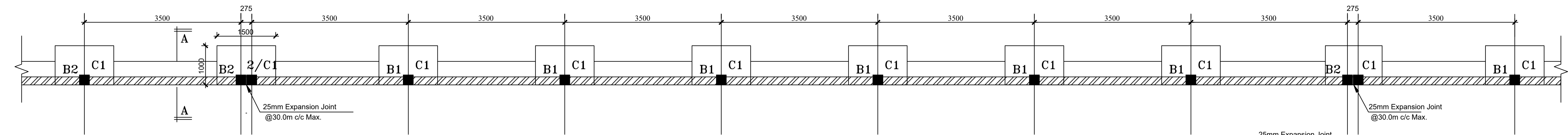


SOAK PIT DETAILS

Designed by	DAN	Rev	Description	By	Date
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Checked by	HQH	C			
Scale	AS SHOWN	B			
		A			

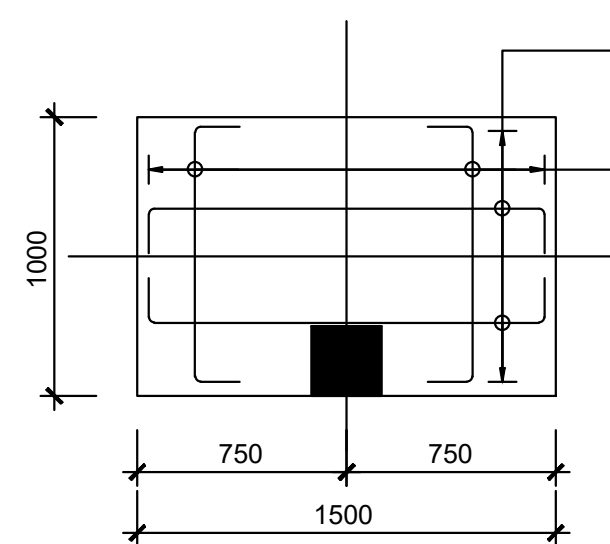
DRAWING NO. 11-002-18





PART BOUNDARY WALL 2: FOUNDATION LAYOUT.

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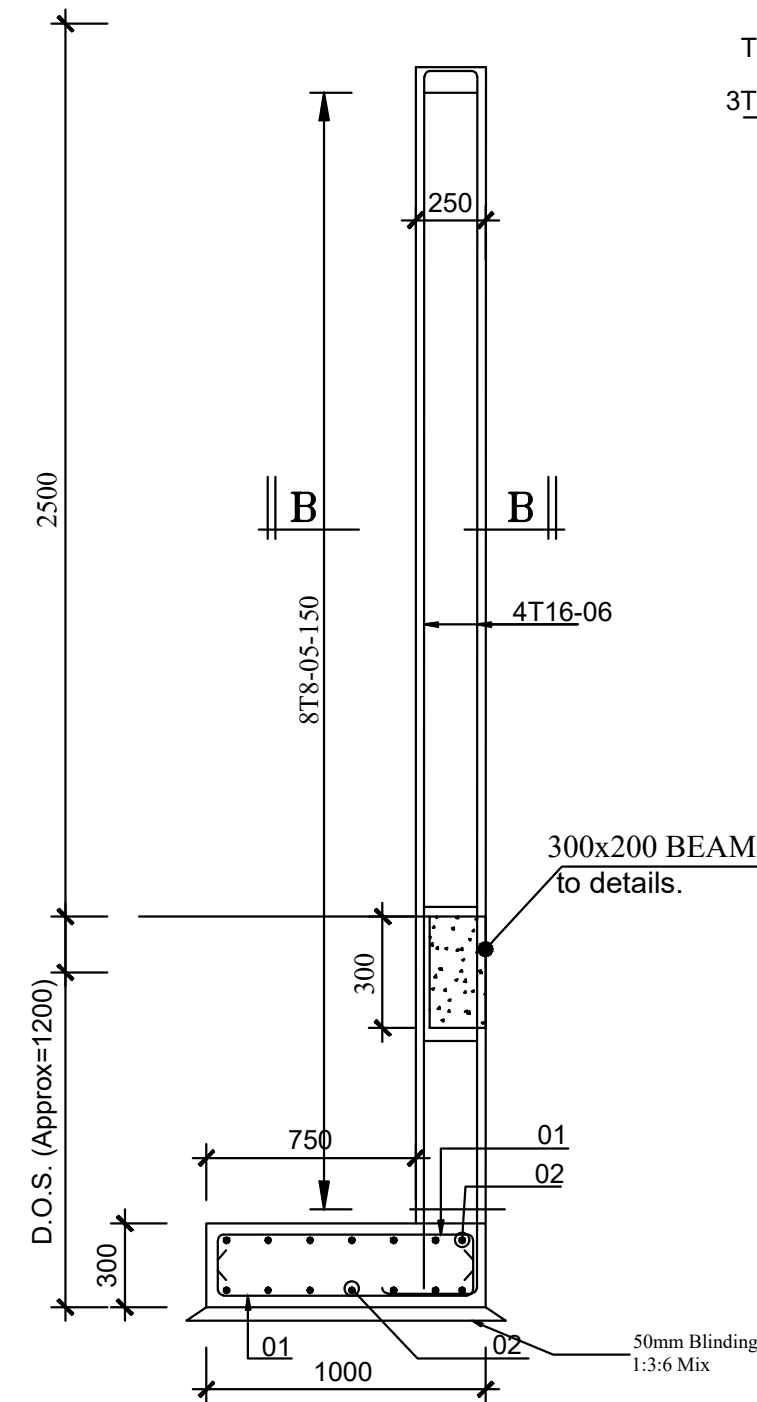


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BASE B1

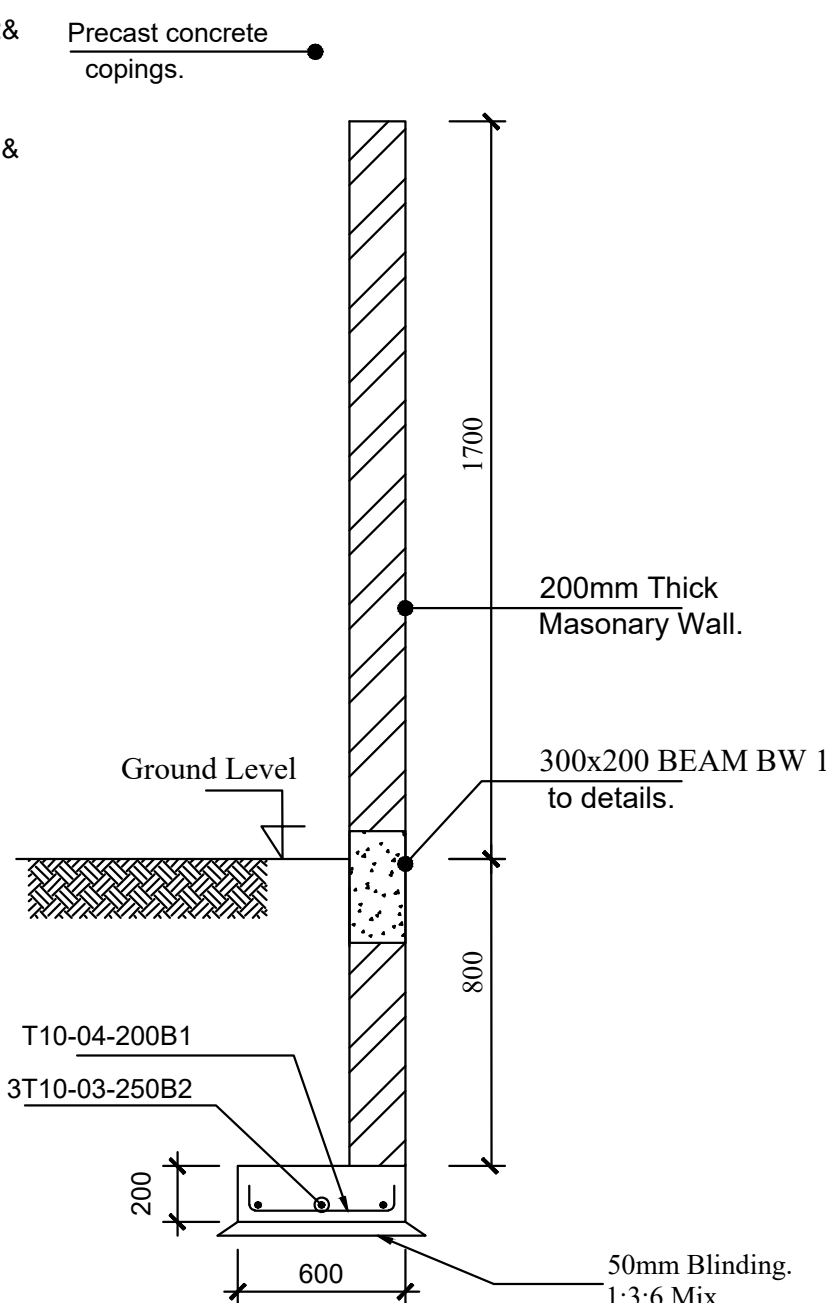
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SECTION B-B



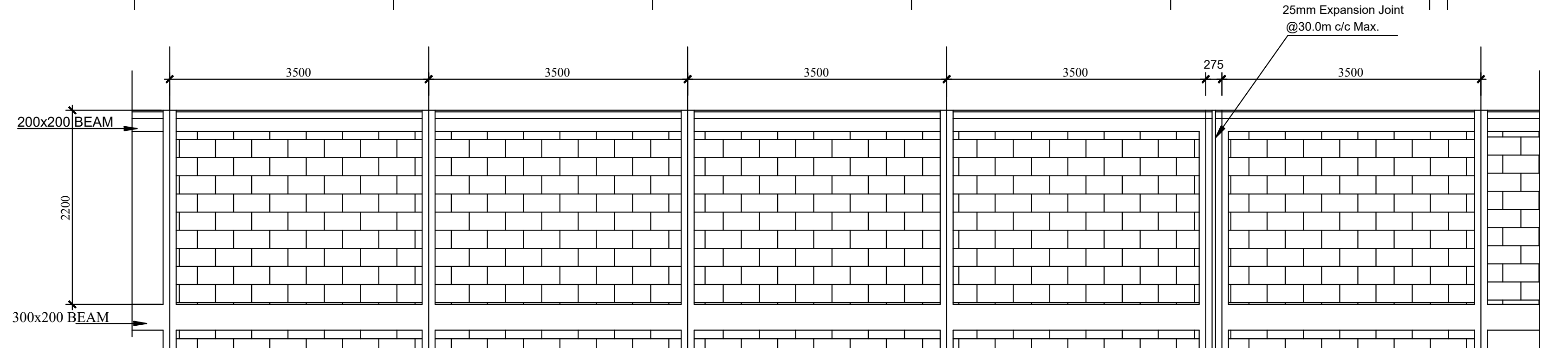
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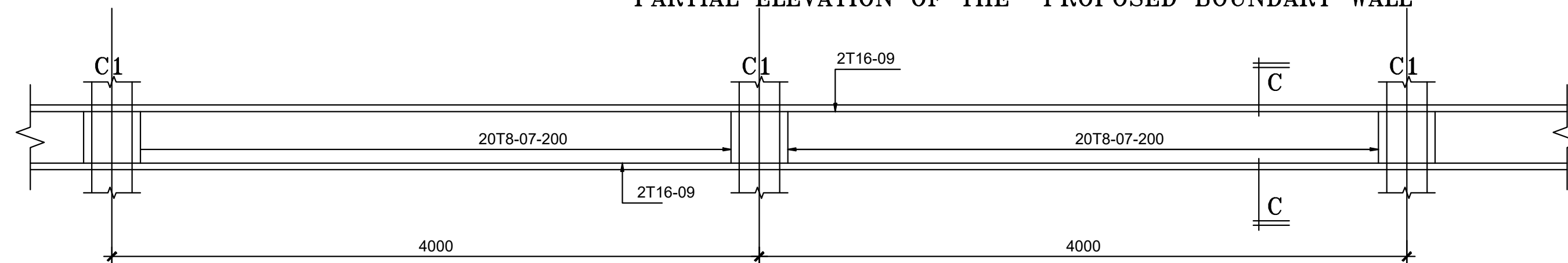


BOUNDARY WALL: SECTION A-A.

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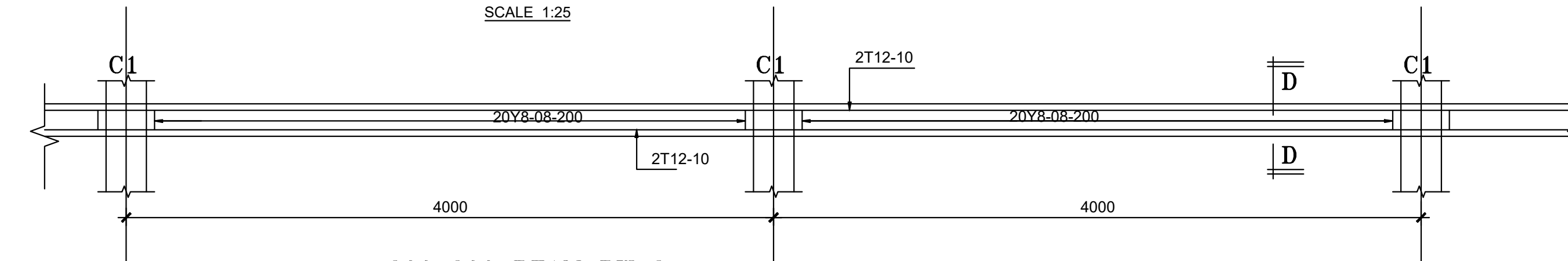


PARTIAL ELEVATION OF THE PROPOSED BOUNDARY WALL



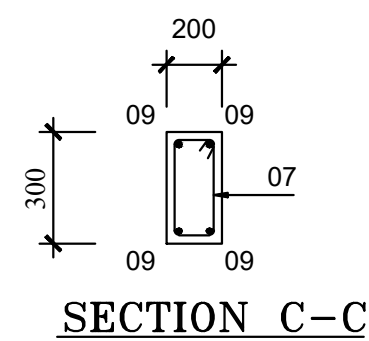
200x200 BEAM BW 2

SCALE 1:25

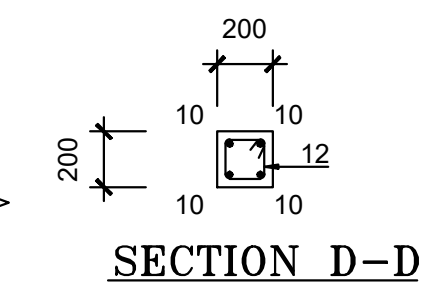


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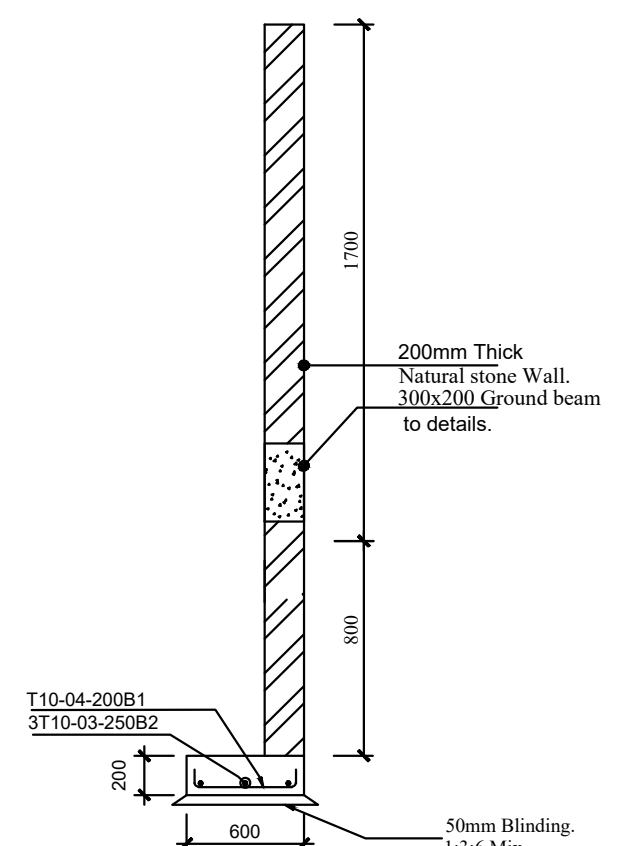
SCALE 1:25



SECTION C-C



SECTION D-D



BOUNDARY WALL: SECTION A-A.

SCALE 1:25

Consultant:-

ARPRIM CONSORTIUM
P.O. Box 12969-00100,
Nairobi, KENYA.
Tel: 02 608 906
Fax: 02 608 907
E-mail: info@arprimconsultants.com

CLIENT:-

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE AND THE BLUE ECONOMY.

PROJECT:-

PROPOSED KENYA MARINE FISHERIES AND
SOCIO-ECONOMIC DEVELOPMENT (KEMFSD) NATIONAL
AND COUNTY FISHERIES INFRASTRUCTURE.

PROJECT TITLE:-

PROPOSED KIDONGO FISH LANDING SITE, MOMBASA COUNTY.

DRAWING TITLE:-

BOUNDARY WALL - STRUCTURAL DETAIL

NOTES

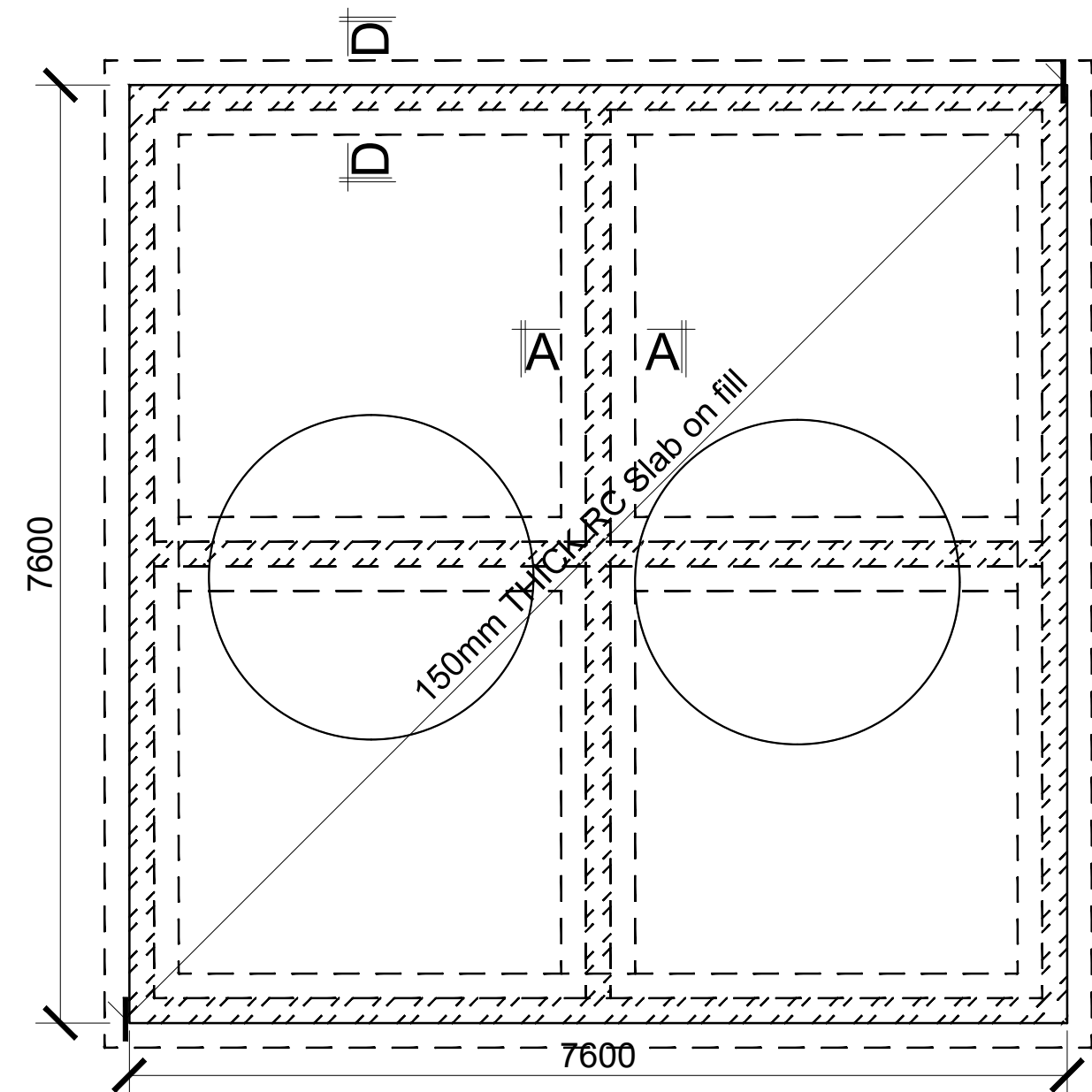
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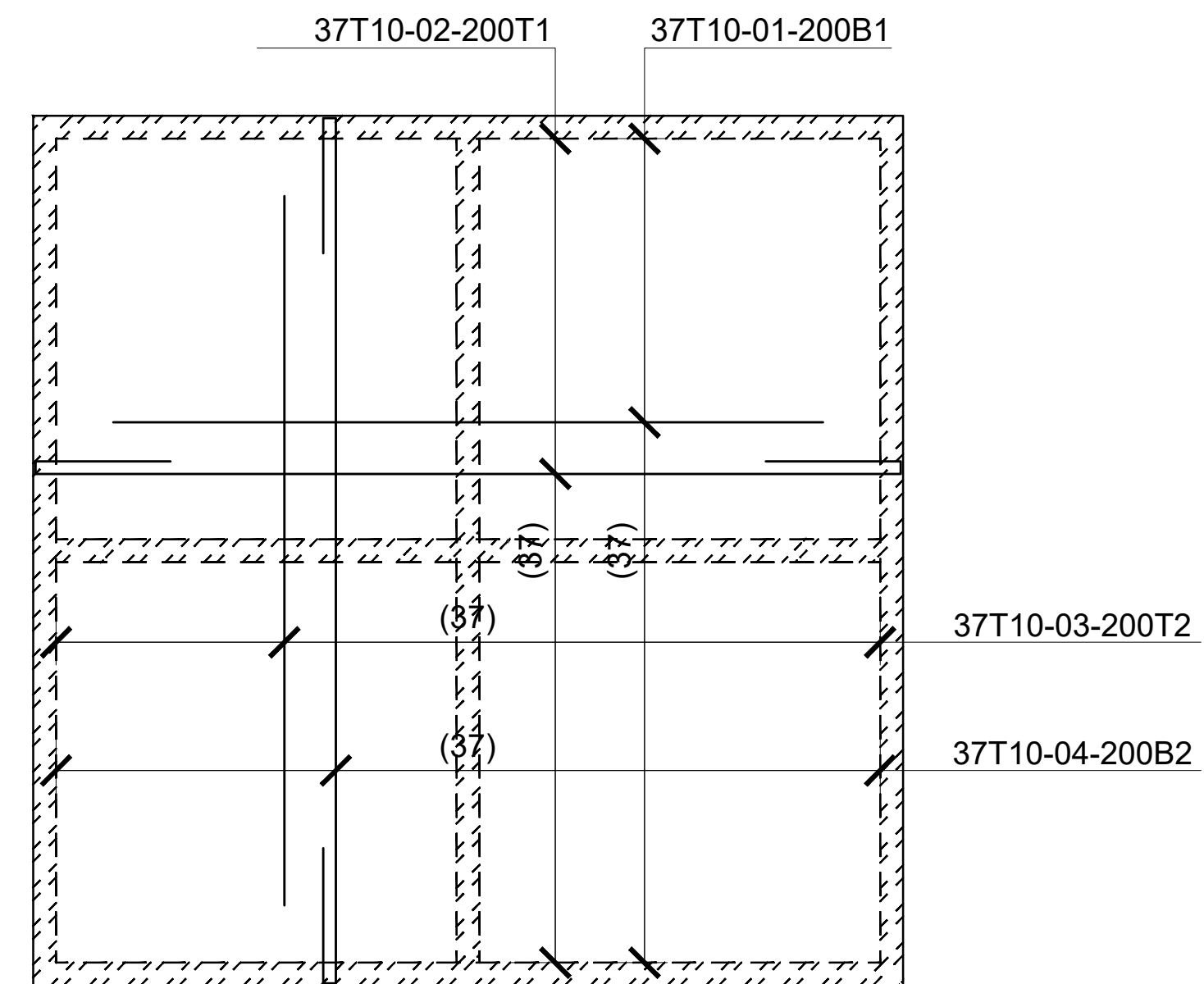
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Drawn by	DAN	D			
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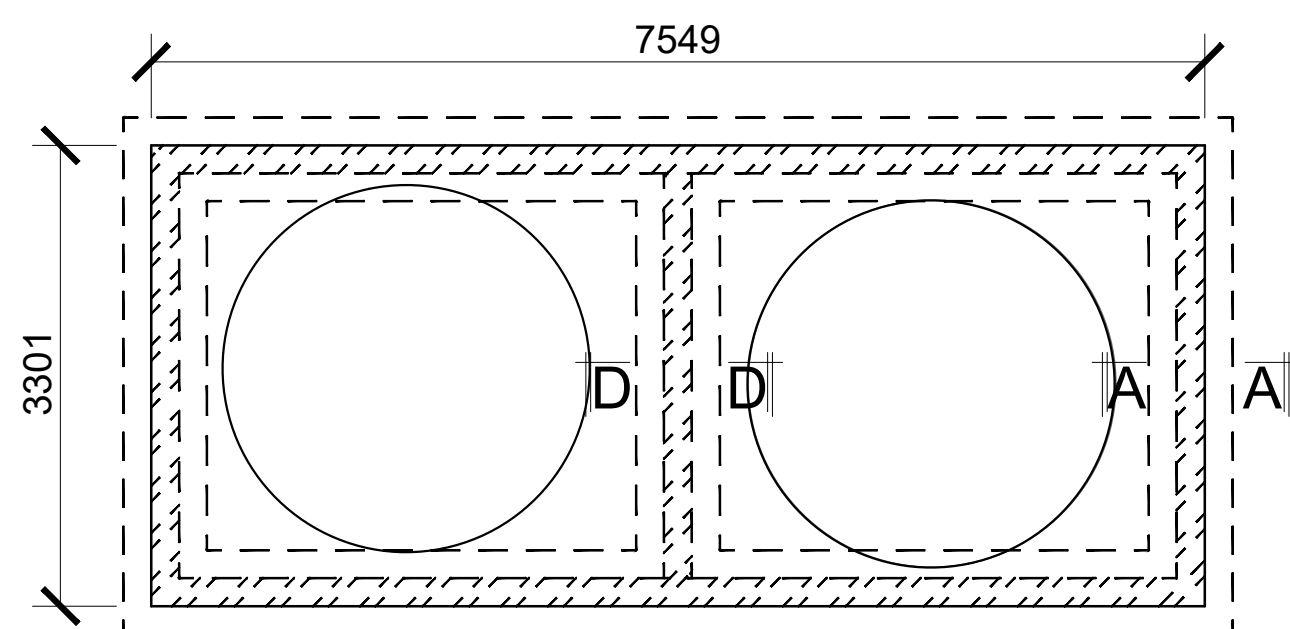
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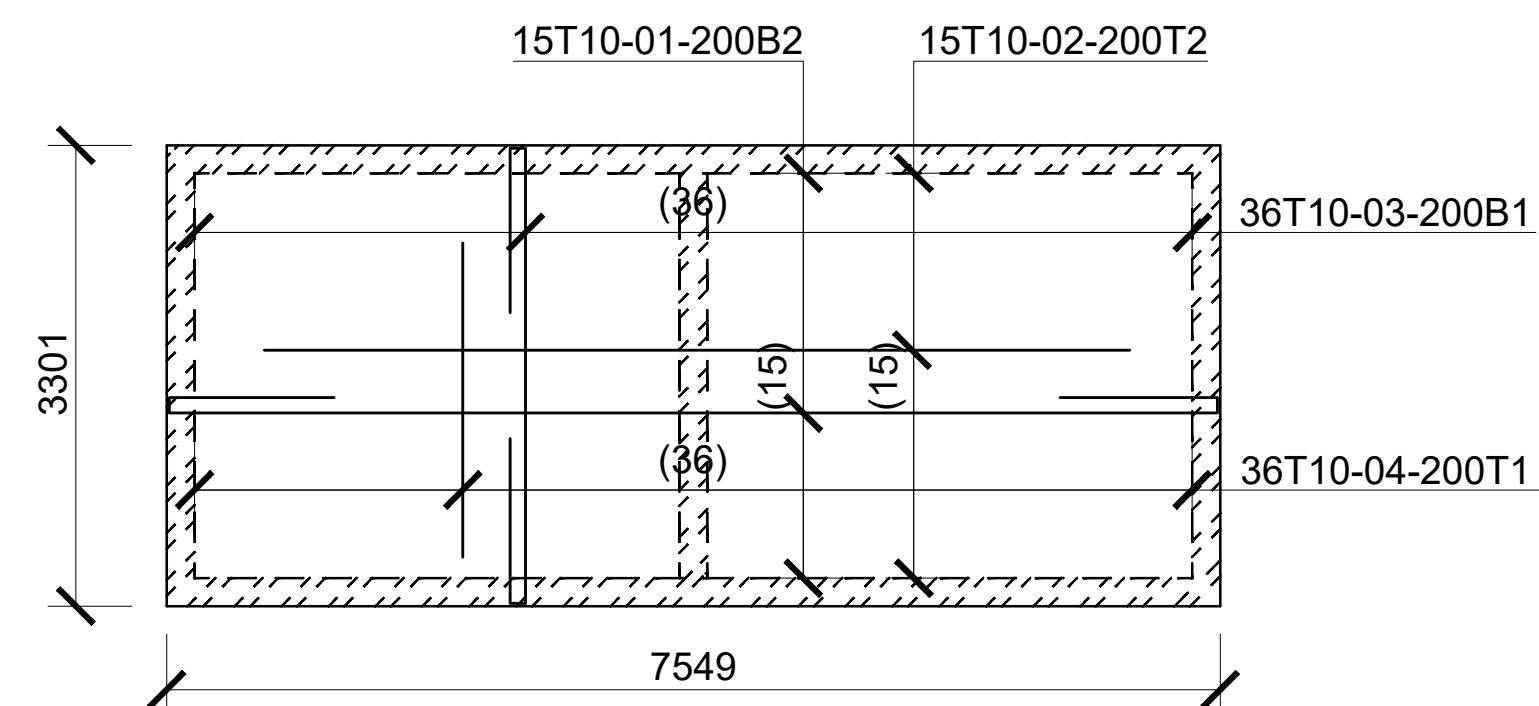
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FRESH WATER RC SLAB PLATFORM LAYOUT.



2No 24,000 LTRS
FRESH WATER RC SLAB PLATFORM RC DETAILS.



2No 10,000 LTRS
FRESH WATER RC SLAB PLATFORM LAYOUT.



2No 10,000 LTRS
FRESH WATER RC SLAB PLATFORM RC DETAILS.

DRAWING TITLE: PROPOSED FISH LANDING SITES/MARKETS FISHERIES OFFICES - KIDONGO

DRAWING NUMBER: 11-003E- 001

No.	DRAWING/ DOCUMENT TITLE	DRAWING NUMBER	DRAWING SHEET	DRAWING FORMAT	DOCUMENT STATUS
D	ELECTRICAL ENGINEERING DRAWINGS				
1	LIST OF DRAWINGS	11- 003E- 001	A3	PDF/ EXCEL	Provided
2	LIGHTING & POWER SYSTEM GENERAL NOTES	11- 003E- 002	A3	PDF/ DWG	Provided
3	ELECTRICAL SCHEDULE OF SYMBOLS	11- 003E- 003	A3	PDF/ DWG	Provided
4	GUARD HOUSE LIGHTING LAYOUT	11- 003E- 004	A2	PDF/ DWG	Provided
5	GUARD HOUSE POWER LAYOUT	11- 003E- 005	A2	PDF/ DWG	Provided
6	GUARD HOUSE FIRE ALARM LAYOUT	11- 003E- 006	A2	PDF/ DWG	Provided
7	GUARD HOUSE CCTV LAYOUT	11- 003E- 007	A2	PDF/ DWG	Provided
8	GUARD HOUSE SCHEMATIC LAYOUT	11- 003E- 008	A2	PDF/ DWG	Provided
9	FISH GEAR MENDING BLOCK LIGHTING LAYOUT	11- 003E- 009	A2	PDF/ DWG	Provided
10	FISH GEAR MENDING BLOCK POWER LAYOUT	11- 003E- 010	A2	PDF/ DWG	Provided
11	FISH GEAR MENDING BLOCK FIRE ALARM LAYOUT	11- 003E- 011	A2	PDF/ DWG	Provided
12	FISH GEAR MENDING BLOCK CCTV LAYOUT	11- 003E- 012	A2	PDF/ DWG	Provided
13	FISH GEAR MENDING BLOCK AC LAYOUT	11- 003E- 013	A2	PDF/ DWG	Provided
14	FISH GEAR MENDING BLOCK SCHEMATIC LAYOUT	11- 003E- 014	A2	PDF/ DWG	Provided
15	SOCIAL HALL BLOCK LIGHTING LAYOUT	11- 003E- 015	A2	PDF/ DWG	Provided
16	SOCIAL HALL BLOCK POWER LAYOUT	11- 003E- 016	A2	PDF/ DWG	Provided
17	SOCIAL HALL BLOCK FIRE ALARM LAYOUT	11- 003E- 017	A2	PDF/ DWG	Provided
18	SOCIAL HALL BLOCK CCTV LAYOUT	11- 003E- 018	A2	PDF/ DWG	Provided
19	SOCIAL HALL BLOCK AC LAYOUT	11- 003E- 019	A2	PDF/ DWG	Provided
20	SOCIAL HALL BLOCK SCHEMATIC LAYOUT	11- 003E- 020	A2	PDF/ DWG	Provided
21	BMU OFFICE BLOCK LIGHTING LAYOUT	11- 003E- 021	A2	PDF/ DWG	Provided
22	BMU OFFICE BLOCK POWER LAYOUT	11- 003E- 022	A2	PDF/ DWG	Provided
23	BMU OFFICE BLOCK FIRE ALARM LAYOUT	11- 003E- 023	A2	PDF/ DWG	Provided
24	BMU OFFICE BLOCK AC LAYOUT	11- 003E- 024	A2	PDF/ DWG	Provided
25	BMU OFFICE BLOCK SCHEMATIC LAYOUT	11- 003E- 025	A2	PDF/ DWG	Provided
26	PUMP ROOM LIGHTING LAYOUT	11- 003E- 026	A2	PDF/ DWG	Provided
27	PUMP ROOM POWER LAYOUT	11- 003E- 027	A2	PDF/ DWG	Provided
28	PUMP ROOM FIRE ALARM LAYOUT	11- 003E- 028	A2	PDF/ DWG	Provided
29	PUMP ROOM SCHEMATIC LAYOUT	11- 003E- 029	A2	PDF/ DWG	Provided
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31	FISH BANDA GROUND FLOOR POWER LAYOUT	11- 003E- 031	A2	PDF/ DWG	Provided
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37	FISH BANDA FIRST FLOOR POWER LAYOUT	11- 003E- 037	A2	PDF/ DWG	Provided
38	FISH BANDA FIRST FLOOR FIRE ALARM LAYOUT	11- 003E- 038	A2	PDF/ DWG	Provided
39	SITE PLAN ELECTRICAL LAYOUT	11- 003E- 039	A2	PDF/ DWG	Provided

GENERAL NOTES

1.

ALL ELECTRICAL WORKS CARRIED OUT SHALL COMPLY WITH THE LATEST EDITION OF IEEE WIRING REGULATIONS, BS 7671 AND RELEVANT LOCAL AUTHORITY REQUIREMENTS.
2.

EARTHING INSTALLATION SYSTEM SHALL COMPLY WITH SECTION 5 OF WIRING REGULATION. SECTION 6 & 7 SHALL BE REFERENCED FOR ALL WIRING SYSTEMS. WIRING SHALL BE IN CONCEALED CONDUIT/TRUNKING UNLESS OTHERWISE SPECIFIED BY THE EE.
3.

THE MOUNTING HEIGHT OF ALL SWITCH SOCKET OUTLET SHALL BE AT 300mm FROM FINISHED FLOOR LEVEL EXCEPT IN WET AREAS WHERE IT SHALL BE 1500mm FROM FINISHED FLOOR LEVEL OR UNLESS OTHERWISE STATED.
4.

THE POSITIONING OF ALL LIGHTING LUMINAIRES, SWITCH SOCKET OUTLETS, DISTRIBUTION BOARDS ETC. AS SHOWN IN THE DRAWINGS ARE APPROXIMATE ONLY. THE EXACT POSITIONS SHALL BE DETERMINED AT SITE.
5.

THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE ELECTRICAL LOAD BALANCING, AND LABELING OF ALL EQUIPMENT AND SWITCHBOARDS THROUGHOUT THE INSTALLATION.
6.

THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO LIAISE WITH KPJC AND THE LOCAL AUTHORITIES FOR ALL CLEARANCES, CABLE JOINTING, TESTING AND ELECTRICITY METERING FOR THE INSTALLATION.
7.

THE OVERALL RESISTANCE FOR THE EARTHING SYSTEM (ELECTRICAL) SHALL BE LESS THAN 1 OHM AND IN ANY CASE SHALL COMPLY WITH KPJC REQUIREMENTS.
8.

ALL DISCHARGE LIGHTING LUMINAIRES, IF ANY, SHALL BE COMPLETE WITH BUILT-IN CONTROL GEAR, LAMP, LOW-LOSS BALLAST, AND AUXILIARY QUARTZ LAMP FOR DISCHARGE LAMP RE-STRIKING.
9.

THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING OF ALL CABLE PENETRATION OPENINGS BETWEEN FLOOR SLAB AND WALLS ETC. WITH APPROVED FIRE RATING MATERIAL/SEALANT TO CONSULTANTS' APPROVAL.
10.

ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING OF ALL CABLE PENETRATION OPENINGS THROUGH ROOF FLOOR SLABS, WALLS WITH APPROVED WATERPROOF MATERIALS AFTER THE INSTALLATION OF CABLES.
11.

ALL FLUORESCENT LIGHTING LUMINAIRES SHALL BE COMPLETE WITH LOW LOSS BALLAST, TUBE LAMPS, ETC. COLOR OF LIGHT OUTPUT SHALL BE AS SPECIFIED BY THE CONSULTANT OR INTERIOR DECORATOR.
12.

THE ELECTRICAL SUB-CONTRACTOR SHALL BACKFILL WITH SANDBAG THE MANHOLES AND DRAW PITS TO COMPLY TO TECHNICAL SPECIFICATIONS.
13.

ALL CABLES TO BE LAID IN HD UPVC PIPES SHALL BE ENCASED IN CONCRETE WHEN LAID ACROSS THE DRIVEWAY.
14.

ALL UNDERGROUND WIRING SHALL BE OF XLPE/SWA/PVC CABLE (IN HD UPVC PIPE FOR HARD GROUND / PAVEMENT).
15.

IT IS THE ELECTRICAL SUB-CONTRACTOR'S RESPONSIBILITY TO PROVIDE EARTH FAULT AND OVERCURRENT TRIPPING DISCRIMINATION BETWEEN THE SWITCHBOARD AND THE INCOMING FEEDER TO COMPLY WITH THE LOCAL POWER UTILITY COMPANY AND THE CONSULTANT'S REQUIREMENTS.
16.

THE ELECTRICAL SUB-CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPOTENTIAL EARTHING BONDING TO ALL METAL PARTS COMPLETED BY THE OTHER TRADES TO THE NEAREST ELECTRICAL PANEL / EARTH BAR.
17.

ALL WIRING TO LIGHTING LUMINAIRES SHALL COMPRISE OF APPROVED CEILING ROSE FOR INDOOR INSTALLATION AND WEATHERPROOF JUNCTION BOX FOR OUTDOOR INSTALLATION. CONNECTION TO LIGHT FIXTURE SHALL BE BY MEANS OF PVC SHEATHED FLEXIBLE CABLE FOR NORMAL SUPPLY, FR CABLE FOR EMERGENCY SUPPLY AND ARMoured CABLE FOR OUTDOOR INSTALLATION.
18.

ALL LIGHTING POLE SPECIFIED SHALL COMPRISE OF RAIL MOUNTED 10A MCB IN THE COMPARTMENT. ALL POLE SHALL HAVE ITS OWN LIGHTNING ELECTRODES. OUTDOOR INSTALLATION SHALL BE IN HEAVY DUTY UPVC PIPES OF 100mm DIAMETER (MINIMUM).
19.

MCB's RATED < 100A PROTECTING CABLES SUPPLYING LOADS WITH HIGH SWITCH-ON CURRENT (E.G. MOTORS, HID LAMPS, ETC.) SHALL HAVE TYPE '10' MAGNETIC CURVE RATING UNLESS OTHERWISE INDICATED IN THE PLANS. UNLESS OTHERWISE STATED, ALL BUSBAR ARE OF HD COPPER AND SHALL BE RATED AT A CURRENT DENSITY OF NO MORE THAN 1.55A/sq. mm.
20.

THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL NECESSARY LABOUR, MATERIALS AND EQUIPMENT FOR SATISFACTORY COMPLETION OF THE ENTIRE ELECTRICAL INSTALLATION AS GENERALLY DESCRIBED IN THE SPECIFICATION AND/OR SHOWN ON DRAWINGS.
21.

ALL LOCATIONS OF EQUIPMENT AND CABLE ROUTES SHOWN ON THE DRAWING ARE APPROXIMATE. THE EXACT LOCATIONS MUST BE CO-ORDINATED ON SITE BEFORE INSTALLATION. FULLY CO-ORDINATED SHOP DRAWINGS MUST BE SUBMITTED TO THE CONSULTANT FOR APPROVAL BEFORE COMMENCEMENT OF WORK.
22.

ALL SWITCHBOARDS AND DISTRIBUTION BOARDS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST DEWA REGULATIONS AND THE APPROVAL OF POWER UTILITY COMPANY. THEY SHALL BE PAINTED WITH A COAT OF ANTI-RUST PAINT AND TWO COATS OF SEMI-GLOSS TEAK PAINT OF BEST QUALITY TO THE APPROVAL OF THE CONSULTANT.
23.

ALL POWER CONDUITS AND TRUNKING WHICH ARE EXPOSED SHALL BE PAINTED WITH A COAT OF RUST-RESISTING PRIMER AND TWO COATS OF ELECTRIC ORANGE.
24.

ALL CONDUITS SHALL BE G.I., G.I. CONDUITS SHALL COMPLY WITH THE LATEST DEWA REGULATIONS ON ELECTRICAL INSTALLATIONS. MINIMUM SIZE SHALL NOT BE LESS THAN 20mm (INSIDE DIAMETER). ALL THREADS IN CONDUITS SHALL BE TREATED WITH ALUMINUM PAINT OR SIMILAR ANTIRUST PAINT TO PREVENT CORROSION AT JOINTS AND TERMINATION, CONNECTIONS SHALL BE BY MEANS OF COUPLER, SHALL BE USED FOR DIFFERENT CIRCUITS.
25.

PHASE SEGREGATION SHALL COMPLY WITH THE LATEST REQUIREMENTS OF THE IEE WIRING REGULATIONS. SEPARATE CONDUITS SHALL BE USED FOR CABLES OF DIFFERENT CIRCUIT CATEGORIES. FOR 3 PHASE FINAL CIRCUITS, SEPARATE CONDUITS SHALL BE USED FOR DIFFERENT CIRCUITS.
26.

ALL LIGHTING POINTS SHALL BE PROVIDED WITH CIRCUIT PROTECTIVE CONDUCTORS AND ALL METAL PARTS SHALL BE CONTINUOUSLY EARTHED THROUGHOUT.
27.

THE ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL LIGHT LUMINAIRES AS SHOWN ON THE DRAWINGS. EACH FITTING SHALL HAVE ITS OWN INDEPENDENT SUPPORT REGARDLESS OF SURFACE, RECESSED OR SUSPENDED MOUNTING.
28.

EACH CIRCUIT SHALL BE TESTED FOR GROUNDS AND SHORTS BY MEANS OF A MEGGER INSULATION RESISTANCE TESTING INSTRUMENT APPLYING A VOLTAGE OF NOT LESS THAN 500V D.C. UPON CIRCUIT UNDER TEST.
29.

CABLES FOR ESSENTIAL CIRCUITS SUCH AS EMERGENCY LIGHTING CIRCUITS AND FIRE FIGHTING EQUIPMENT CIRCUITS ETC SHALL NOT BE DRAWN INTO THE SAME CONDUIT, DUCT OR TRUNKING INTENDED FOR NORMAL CIRCUITS AS PER IEE 364 WIRING REGULATION. ALL CABLES AND WIRES FOR LIFE SAFETY AND ESSENTIAL CIRCUIT SHALL BE OF 2HRS FIRE RATED.
30.

FOR SINGLE PHASE SUPPLY, CIRCUITS OF DIFFERENT PHASES SHALL NOT SHARE THE SAME CONDUIT.
31.

ALL SHUNT TRIP RELEASES OF ACB'S IN THE MAIN ELECTRICAL SWITCHBOARD SHALL BE RATED AT 30V DC. A BATTERY SUPPLY OF SUFFICIENT CAPACITY SHALL BE PROVIDED FOR THE TRIPPING OF ACBs. CAPACITY OF BATTERY SHALL BE SUBMITTED FOR THE CONSULTANT'S APPROVAL PRIOR TO INSTALLATION.
32.

ALL EARTH TESTS SHALL BE CARRIED OUT WITH A 1000V MEGGER TEST INSTRUMENT AND IN ACCORDANCE WITH THE LATEST REQUIREMENTS OF DEWA WIRING REGULATIONS.
33.

THE LIGHTNING PROTECTION SYSTEM SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST DEWA REGULATIONS PRACTICE AND BS-EN 62305 AND INSTALLED TO THE SATISFACTION OF THE CONSULTANT.
34.

THE ELECTRICAL CONTRACTOR SHALL LIASE WITH ELV SYSTEMS CONTRACTOR VIA THE MAIN CONTRACTOR TO ENSURE THAT POWER SUPPLIES FOR ALL EQUIPMENT ARE ADEQUATELY PROVIDED TO SUIT THE SYSTEM REQUIREMENTS.
35.

EQUIPOTENTIAL BONDING SHALL BE PROVIDED FOR ALL TOILETS.
36.

ALL POWER OUTLET, LIGHTING, ETC., LOCATIONS SHOWN ARE APPROXIMATE ONLY AND THE ELECTRICAL SUB-CONTRACTOR MUST CO-ORDINATE WITH LINX AND OR THE INTERIOR DESIGNER, AS WELL AS EQUIPMENT SUPPLIERS.

37.

THE DISTRIBUTION AND SIZE OF THE TRUNKING/CABLE TRAY SHOWN ON THE DRAWINGS ARE MEANT TO FACILITATE THE CONTRACTOR THE PROPOSED ROUTING OF THE MAIN AND SUB-MAIN. THE CONTRACTOR SHALL SIZE THE TRUNKING/CABLE TRAY BASED ON THE EXACT CABLE SPACE AND CODE REQUIREMENTS. THE CONTRACTOR SHALL ALLOW 20% SPARE SPACE FOR FUTURE CABLE LAYING.
38.

ALL ISOLATORS INSIDE MECHANICAL PLANTROOMS AND OTHER POTENTIALLY WET LOCATIONS SHALL BE PROVIDED WITH WEATHERPROOF ENCLOSURE (IP65).
39.

CONTRACTOR TO CROSS REFER TO FIRE ALARM CAUSE AND EFFECT MATRIX. ALL DEVICES, INTERFACE, TERMINAL BLOCKS, WIRING, ETC. NECESSARY FOR SATISFACTORY OPERATION OF FIRE ALARM AND FIRE STRATEGY SHALL BE DEEM INCLUDED IN THIS CONTRACT.

ELECTRICAL BOARD AND COMPONENTS

1.

ALL MCCB's INSTALLED SHALL COMPLETE WITH ADJUSTABLE THERMAL AND MAGNETIC SETTING OF APPROPRIATE RANGE.
2.

ALL MCBs USED FOR PROTECTION OF LIGHTING AND SMALL POWER SHALL OF TYPE C CHARACTERISTIC. ALL MCCBs/MPCBs USED FOR PROTECTION OF MOTOR LOADS SHALL BE OF TYPE D CHARACTERISTIC. HOWEVER, MOTOR PROTECTION COORDINATION STUDY SHALL BE SUBMITTED BY THE CONTRACTOR FOR ENGINEER'S/CONSULTANT'S REVIEW AND APPROVAL.
3.

MCCBs/MCBs IN THE MAIN SWITCHBOARDS, SUB-SWITCHBOARDS, DISTRIBUTION BOARDS SHOWN HEREIN AND OTHER DRAWINGS PROTECTING MOTOR CIRCUITS FOR PUMPS, FANS, AHU's, ETC. SHALL BE OF THE TYPE SUITABLE FOR MOTOR PROTECTION INCORPORATING OVERLOAD AND SHORT CIRCUIT PROTECTIVE DEVICES (ALSO EARTH FAULT PROTECTION WHERE SHOWN IN THE DRAWINGS) AND THEY SHALL BE SO SELECTED THAT THEY ARE ABLE TO COORDINATE WITH BOTH THE UPSTREAM AND DOWNSTREAM PROTECTION DEVICES.
4.

ALL PROTECTION CTs SHALL BE OF CLASS COMPLYING TO DEWA REQUIRENT OR BETTER.
5.

ALL METERING CTs SHALL BE OF CLASS COMPLYING TO DEWA REQUIREMENT OR BETTER.
6.

BUSBAR MARKINGS, ARRANGEMENTS, CONNECTIONS AND GRADE OF COPPER SHALL COMPLY AS APPROPRIATE WITH BS.159, 1433 AND 1977.
7.

ALL ELECTRICAL BOARDS BUSBARS SHALL BE OF HARD DRAWN TINNED COPPER AND SHALL HAVE A CURRENT DENSITY OF NOT LESS THAN 1.55A/SQ.MM. WHEN MORE THAN ONE SET OF BUSBARS ARE USED PER PHASE, APPROPRIATE DERATING FACTOR SHALL APPLY.
8.

ALL NON-CURRENT CARRYING METALLIC PARTS OF THE DISTRIBUTION BOARDS SHALL BE BONDED TO SYSTEM EARTH.
9.

THERE SHALL BE A COMMON EARTH BAR IN EACH ELECTRICAL BOARD.
10.

THE NEUTRAL LINKS AND EARTH BARS IN THE ELECTRICAL BOARDS SHALL BE LOCATED AT AN EASILY ACCESSIBLE POSITION AND SHALL BE KEPT CLEAR OF ANY OBSTRUCTIONS.
11.

NEUTRAL AND EARTH BARS SHALL HAVE SUFFICIENT NUMBER OF WAYS TO MATCH THE NUMBER OF SUB-CIRCUITS WITH SPARES.
12.

THE MINIMUM CLEARANCE AROUND THE NEUTRAL LINKS SHALL BE 50mm.
13.

THE ELECTRICAL SUB-CONTRACTOR IS REQUIRED TO CARRY OUT HIS OWN FAULT LEVEL CALCULATIONS BASING ON THE CHARACTERISTICS OF THE EQUIPMENT OFFERED AND THE ACTUAL/AGREED ROUTING (SUBJECT TO THE SUPERVISING CONSULTANT APPROVAL) OF THE ACTUAL/AGREED ROUTING (SUBJECT TO THE SUPERVISING CONSULTANT APPROVAL) OF THE CABLES AND THEREAFTER SELECT THE MOST APPROPRIATE RUPTURING CAPACITY OF SUB-SWITCHBOARDS, BUSBAR TRUNKING AND DISTRIBUTION BOARDS TO MEET THE PROSPECTIVE FAULT LEVELS. ALL COSTS IN CONNECTION THEREWITH SHALL BE DEEMED TO BE INCLUDED IN THE SUB-CONTRACT SUM. THE ELECTRICAL SUB-CONTRACTOR SHALL SUBMIT DETAILED CALCULATION & SELECTION FOR ELECTRICAL CONSULTANT'S APPROVAL.
14.

ALL ELECTRICAL EQUIPMENT AND ACCESSORIES THAT ARE EXPOSED TO WEATHER SHALL BE OF WEATHERPROOF TYPE TO IP65, UNLESS OTHERWISE STATED.
15.

IDMT OVERCURRENT AND EARTH FAULT RELAYS SPECIFIED SHALL BE COMPLETE WITH HIGH SET ELEMENT.
16.

ALL OVERCURRENT, EARTH FAULT RELAYS AND EARTH LEAKAGE RELAYS SHALL BE TESTED ON SITE BY ELECTRICAL LICENSED TESTER AND ALL COSTS CONNECTED THEREWITH SHALL BE DEEM TO BE INCLUDED IN THE SUB-CONTRACT SUM.
17.

THE ELECTRICAL SUB-CONTRACTOR IS REQUIRED TO SUBMIT DETAILS OF FINAL ARRANGEMENT AND DIMENSIONAL LAYOUT OF ALL THE ITEMS OF EQUIPMENT IN RESPECTIVE ROOMS TO SUIT SITE CONDITIONS, ETC FOR REVIEW BY THE CONSULTANT BEFORE COMMENCEMENT OF INSTALLATION.
18.

ALL MOTOR SHALL BE PROVIDED WITH EMERGENCY STOP BUTTON RIGHT NEXT TO THE EQUIPMENT.
19.

UNLESS OTHERWISE INDICATED, THE MCCBs/MCBs INSTALLED FOR ANY MAIN SWITCHBOARDS, SUB-BOARDS AND DISTRIBUTION BOARDS SHALL HAVE THE FOLLOWING MINIMUM BREAKING CAPACITY :

MAIN SWITCHBOARD : 50KA RMS. 1 SEC.
SUB BOARDS : 35KA RMS. 1 SEC.
DISTRIBUTION BOARDS : 10KA RMS. 1 SEC.

CO-ORDINATION AND INSTALLATION

1.

THE ELECTRICAL CONTRACTOR SHALL OBTAIN APPROVAL FROM STRUCTURAL ENGINEERS FOR PENETRATION THROUGH R.C. BEAMS AND FLOOR SLABS PRIOR TO CONSTRUCTION.
2.

ALL CONDUITS LAYOUT AND INSTALLATION METHODS SHALL BE IDENTICAL IN ALL ROOMS AS MUCH AS POSSIBLE.
3.

ALL MATERIALS/ CABLES TO BE USED AND INSTALLATION METHOD SHALL COMPLY WITH THE TECHNICAL SPECIFICATION, STANDARDS, CODE OF PRACTICE AND AUTHORITY REQUIREMENT.
4.

THE ELECTRICAL CONTRACTOR IS REQUIRED TO SUBMIT DETAILS OF FINAL ARRANGEMENT AND DIMENSIONAL LAYOUT OF ALL ITEMS OF EQUIPMENT IN RESPECTIVE ROOMS TO SUIT SITE CONDITIONS, ETC. FOR REVIEW BY THE SUPERVISING CONSULTANT BEFORE COMMENCEMENT OF INSTALLATION.
5.

ALL ELECTRICAL AND ELV DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE LATEST ARCHITECTURAL DRAWINGS, INTERIOR DESIGN DRAWINGS, OTHER SERVICES DRAWINGS AND SPECIFICATIONS.

LIGHTNING PROTECTION SYSTEM

1.

LIGHTNING PROTECTION SYSTEM SHALL COMPLY WITH IEC CODE OF BS EN 62305.
2.

THE POSITIONS OF THE ELECTRODES FOR LIGHTNING PROTECTION SYSTEM ARE APPROXIMATE ONLY. THE EXACT LOCATIONS ON SITE SHALL BE DETERMINED SUCH THAT THE SPECIFIED REQUIREMENTS OF EARTHING SYSTEM ARE COMPLIED.
3.

ELECTRICAL CONTRACTOR SHALL LIASE WITH MAIN CONTRACTOR FOR INSTALLATION OF EARTH ELECTRODE PITS. WATER PROOFING FOR ELECTRODES THROUGH R.C SLAB SHALL BE PROVIDED UNDER THIS CONTRACT.
4.

ALL PENETRATIONS THROUGH ROOF TO BE MADE WATER TIGHT AFTER INSTALLATION OF DOWN CONDUCTOR CABLES, ETC.

EARTHING SYSTEM

1.

EARTH RESISTANCE WILL BE TESTED UPON COMPLETION OF EACH EARTHING POINT INSTALLATION BEFORE INTERCONNECTION OF THE EARTH POINT.
2.

EARTH RESISTMITY TEST SHALL BE CARRIED AT EACH EARTHING POINT.
3.

ALL TAPE/CABLES/CLAMP CONTACT SURFACE SHALL BE HEAVILY TINNED PRIOR TO CONNECTION.
4.

PRECAUTIONARY MEASURES SHALL BE TAKEN SO AS NOT TO OVER EXCAVATE THE EARTHING PIT.
5.

PROPERTIARY CAD WELD CONNECTION SHALL BE EMPLOYED FOR CONNECTING EARTH CABLE TO EARTHING POINT STRICTLY IN ACCORDANCE TO THE INSTRUCTION OF THE SUPPLIER.
6.

IMMEDIATELY UPON COMPLETION OF EACH GROUP OF EARTH POINT INSTALLATION, TEST SHALL BE CARRIED OUT TO ESTABLISH THE EARTH RESISTANCE. THE TEST RESULTS SHALL BE SUBMITTED TO CONSULTANT FOR APPROVAL.
7.

AFTER COMPLETION OF THE EARTHING INSTALLATION AND SATISFACTORY TESTING, EACH OF THE EARTHING PIT SHALL BE SUITABLY GROUTED TO SUPERVISING CONSULTANT REQUIREMENT TO PREVENT INGRESS OF GROUND WATER. GROUTING MATERIALS USED SHALL BE SUBJECT TO CONSULTANT'S APPROVAL.

CABLES AND ANCILLARY PRODUCTS

1.

ALL CABLES / WIRES FOR FINAL SUB-CIRCUIT WIRINGS SHALL BE PVC, MULTI-STRAND COPPER CONDUCTORS.
2.

NO PVC CONDUIT/TRUNKING SHALL BE ALLOWED FOR THE WHOLE ELECTRICAL INSTALLATION UNLESS OTHERWISE STATED. IN GENERAL, ALL WIRING SHALL BE DONE WITHIN CONDUIT EMBEDDED IN SLAB FOR ALL SEVICES.
3.

SEPARATE CONDUIT/MULTI-GANG SWITCH BOX SHALL BE PROVIDED FOR FINAL SUB-CIRCUIT OF DIFFERENT PHASES. ALSO A SIGN SHALL BE PROVIDED TO INDICATE THE VOLTAGE BETWEEN THEM IN ACCORDANCE WITH DEWA REGULATION FOR THE INSTALLATIONS.
4.

ALL EXTERNAL/LANDSCAPE LIGHTING POINTS SHALL BE PROVIDED WITH CABLES WITH ADDITIONAL LENGTH OF 5m.
5.

SPACE FACTOR OF CONDUIT & TRUNKING SHALL COMPLY WITH DEWA REGULATION OF PRACTICE FOR WIRING OF ELECTRICAL EQUIPMENT OF BUILDINGS.
6.

ALL SUB-MAINS CIRCUITS TO BE COMPLETE WITH CIRCUIT PROTECTIVE CONDUCTOR (CPC) COMPLYING TO DEWA REGULATION FOR THE INSTALLATIONS.
7.

NEUTRAL & EARTH CABLES FOR EACH DIFFERENT CIRCUIT SHALL BE BROUGHT BACK TO THE SOURCE PANEL AND SHALL NOT BE LOOPED TOGETHER OUTSIDE THE PANEL.
8.

ALL ELECTRICAL CONDUITS AND CONDUIT BOXES TO CAST WITHIN R.C. SLAB AT WET AREAS MUST HAVE TIGHTLY SEALED AND WATERPROOF JOINTS.
9.

ALL UNDERGROUND JUNCTION BOXES SHALL BE OF G.I., TYPE. KNOCK OUT BOXES SHALL NOT BE USED AS UNDERFLOOR JUNCTION BOXES.
10.

THE SIZES OF CABLE TRAY/TRUNKING/CONDUIT AS SHOWN IN DRAWINGS ARE APPROXIMATE ONLY. ELECTRICAL SUB-CONTRACTOR IS DEEMED TO HAVE ALLOWED IN HIS TENDER PRICE FOR ALL NECESSARY ADJUSTMENT TO ACCOMMODATE THE CABLES AND SHALL SUBMIT ALL DETAILED CO-ORDINATED CABLE CONDUIT/TRUNKING/TRAY/ LADDER ROUTE PLANS AND SECTION DRAWINGS TO THE SUPERVISION CONSULTANT FOR CLEARANCE PRIOR TO STARTING WORK ON SITE.
11.

ALL UNDERGROUND CABLES CROSSING DRIVEWAYS OR HARDCORE AREAS ARE TO BE PROVIDED WITH HEAVY DUTY PVC PIPES, ENCASED IN CONCRETE WITH FULL HAUNCHING.
12.

ALL STRAIGHT CONDUIT RUNS EXCEEDING 8 METERS SHALL BE PROVIDED WITH JUNCTION BOX TO FACILITATE EASY WIRE / CABLE PULLING.
14.

ALL FEEDER CABLES SHALL BE XLPE / SWA / LSOH FOR NORMAL CRUIT AND XLPE / SWA / FR FOR EMERGENCY CIRCUITS.

LUMINAIRES

1.

ALL LIGHTING SWITCHES SHALL COMPLY WITH CIBSE STANDARD, KENYA GREEN BUILDING REGULATION AND SHALL BE OF THE APPROVED TYPE.
2.

FLUORESCENT LAMP TUBES USED AT PUBLIC AREAS SHALL BE OF COLOUR 83 WARM WHITE AND INSTANT START UNLESS OTHERWISE STATED AND OF LOW LOSS ENERGY SAVING TYPE.
3.

ELECTRICAL CONTRACTOR SHALL REFER TO LIGHTING CONSULTANT – FOR FURTHER NOTES AND LEGENDS.
4.

ALL EXIT LIGHTINGS SHALL BE POSITIONED NOT MORE THAN 2.4m ABOVE FFL. TO CENTRE OF FITTING.

POWER OUTLETS

1.

SWITCH SOCKET OUTLETS AND SWITCHES MOUNTED SURFACE AT PLANTROOMS, STORES AND SIMILAR AREAS SHALL BE OF WEATHER PROOF TYPE UNLESS OTHERWISE STATED.
2.

ALL ELECTRICAL EQUIPMENT & ACCESSORIES THAT ARE EXPOSED OR LESS THAN 2.0M AWAY FROM WET AREA SHALL BE OF WATERPROOF TYPE.
3.

COLOUR FOR ALL SWITCHES, SWITCH SOCKET OUTLETS SHALL BE AS PER SUPERVISING CONSULTANT'S / ARCHITECT'S / INTERIOR DESIGNER'S SELECTION.
4.

UNLESS OTHERWISE INDICATED, THE MOUNTING HEIGHTS FROM FINISHED FLOOR LEVELS FOR VARIOUS ITEMS OF ELECTRICAL WIRING ACCESSORIES/ EQUIPMENT SHALL BE AS FOLLOWS:
5.

THE ELECTRICAL CONTRACTOR SHALL NOTE THAT THE POSITIONS OF ELECTRICAL POINTS, LUMINAIRES, LIGHTING SWITCHES, SWITCH SOCKET OUTLETS ETC. ARE INDICATIVE AND APPROXIMATE AS SHOWN ON DRAWINGS. THE ACTUAL POSITIONS SHALL BE BASED ON THE CONSULTANT'S OR INTERIOR DESIGNER'S DRAWING. THE ELECTRICAL SUB-CONTRACTOR IS DEEMED TO HAVE ALLOWED IN HIS TENDER PRICE FOR ALL NECESSARY SITE ADJUSTMENT TO SUIT THE FINAL POSITIONS.
6.

LOCATIONS FOR ELECTRICAL DISTRIBUTION BOARDS SHOWN IN THE PLANS ARE INDICATIVE ONLY. ELECTRICAL SUB-CONTRACTOR SHALL VERIFY ON SITE AND PROPOSE THEIR ACTUAL LOCATIONS ON THE SHOP DRAWING FOR CLEARANCE.
7.

ELECTRICAL DISTRIBUTION BOARD SHALL NOT BE MOUNTED MORE THAN 1800mm ABOVE FFL. (MEASURED FROM FFL TO TOP OF DISTRIBUTION BOARD).
8.

ALL ISOLATOR SHALL BE IP-65, IN METAL CABINET AND PAD-LOCKABLE.
9.

FINAL LOCATION AND MOUNTING HEIGHT OF WIRING DEVICES SHALL BE COORDINATED WITH ARCHITECT AND ID CONSULTANT.
10.

MOTORIZED DAMPER AND MOTORIZED VALVE WHERE REQUIRED BY MECHANICAL SHALL BE PROVIDED WITH RESPECTIVE FUSE CONNECTION UNIT TO BE CONNECTED TO RELATED EQUIPMENT LMCP OR AS OTHERWISE SHOWN ON PLAN.

TENDER ISSUE

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10.

THE PROJECT NOTES ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT TECHNICAL SPECIFICATIONS.

REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
OFFICE & RELATED
INFRASTRUCTURE

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

























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DRAWING TITLE:

ELECTRICAL DRAWINGS
NOTES

Dwg. No.	05- 003E- 002
Scale:	NTS
Drawn by	Chek'd By
Project no.:	Date:
05	24.11.2023

SCHEDULE OF SYMBOLS AND LIGHTING LUMINAIRES

	10A 1 GANG 1 WAY white moulded switch plates
	10 2 GANG 1 WAY white moulded switch plates
	10A 3 GANG 1 WAY white moulded switch plates
	10A 3 GANG 1 WAY white moulded switch plates
	10A 1 GANG 2 WAY white moulded switch plates
	10A 2 GANG 2 WAY white moulded switch plates
	Outlet for 13A twin switched socket outlet complete with concealed conduit, box wiring in 3 x 2.5 mm² SC-PVC-CU cables and 13A twin switched socket outlet plate for raw power
	Outlet for 13A twin switched socket outlet complete with concealed conduit, box wiring in 3 x 2.5 mm² SC-PVC-CU cables and 13A twin switched socket outlet plate for clean power
	TPN Distribution Board Complete with 100A TP integral isolator and all accessories including lockable cover with the the required MCB's and Blanking plates
	SPN Consumer Unit complete with 100A SPN integral isolator and all accessories including lockable cover with the the required MCB's and Blanking plates
	Outlet for RJ45 face plate, complete with concealed HG PVC conduit, square PVC box, draw wire and blanking plate
	Outlet for Television coaxial cable outlet point, complete with concealed HG PVC conduit, square PVC box, draw wire and TV outlet point
	Outlet for cooker control unit comprising wiring in 3x6.0mm2 SC-PVC CU cables, twin box Dia. 25mm socket with neon lamp
	Outlet for 15A round pin socket outlet complete with concealed conduit, box wiring in 3 x 4 mm² SC-PVC-CU cables and all accessories including 15A round pin socket outlet plate
	Extra Low Voltage manhole HG PVC conduit link, and all accessories including 45A DP cooker control unit with neon lamp, and 13A integral
	Power manhole
	Outlet point for instant water heaters, AC, Fans and under- sink water heater comprising 20mm diameter conduit, wiring in 3 x 4.0 mm² SC-PVC-CU cables and all accessories including 20A DP switch with neon light
	400mm Wide Cable Ladder
	400mm Wide Cable Tray for Power
	400mm Wide Cable Tray for Data
	Addressable Heat Detector
	Addressable Fire Alarm Control Panel
	Addressable Smoke Detector
	Addressable Push Button, Electric Sounder & Beacon

	1200mm 12W LED Mirror Front Light, surface mounted, 4000K Bathroom Mirror Light
	High Quality Ultra Thin 12W Led Panel 300X300Mm Square Panel Light Indoor Lighting For Bathroom Type 2
	Type 'N' 12W LED 2D fixture for installation in stairwells and corridors
	Type Maintained LED fixture for Emergency installation with 3 - hour autonomy
	Type '4C' 34W 1200mm High performance LED IP65, dust and moisture resistant luminaire
	Type '4' 40W 1200mmX300mm High performance dust and moisture resistant luminarie
	Type 'C' 12W super efficient LED downlighter
	Type 'M' 50W Solar Floodlight for security lighting, mounted on building's walls
	600x600mm, 36W, super efficient Surface LED modular luminaries with curved diffuser
	Type 'X' Bulkhead wall mounted light for the lift shaft
	8W maintained LED Exit Emergency Light. Minimum 3-hour autonomy.
	PIR Motion Sensor
	25mm x 3mm tinned annealed copper tape for both roof & down conductors
	15mm multiple point copper air terminal complete with base
	Type 'F2' 1500W High Volume Low Speed (HVLS) 5 blade ceiling fan for auditorium. Blade size: 12 feet; Fan Speed: 50RPM; Noise Level: 50DB
	Type 'F1' 49W 3 Blade Basic Ceiling Sweep Fan . Sweep: 1200mm; Fan Speed: 350RPM
	IP 67- Water & Dust Resistant, 4MP, Excellent low- light performance, 24 colourful imaging, Efficient Compression Technology Bullet CCTV Camera
	IP 67- Water & Dust Resistant, 4MP, Excellent low- light performance, 24 colourful imaging, Efficient Compression Technology DOME CCTV Camera



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
OFFICE & RELATED
INFRASTRUCTURE

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:	
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DRAWING TITLE:

**SCHEDULE OF SYMBOLS
AND LIGHTING
LUMINAIRES**

Dwg. No.	05- 003E- 003		
Scale:	NTS		
Drawn by		Chek'd By	
Project no.:		Date:	
01		24.11.2023	



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PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

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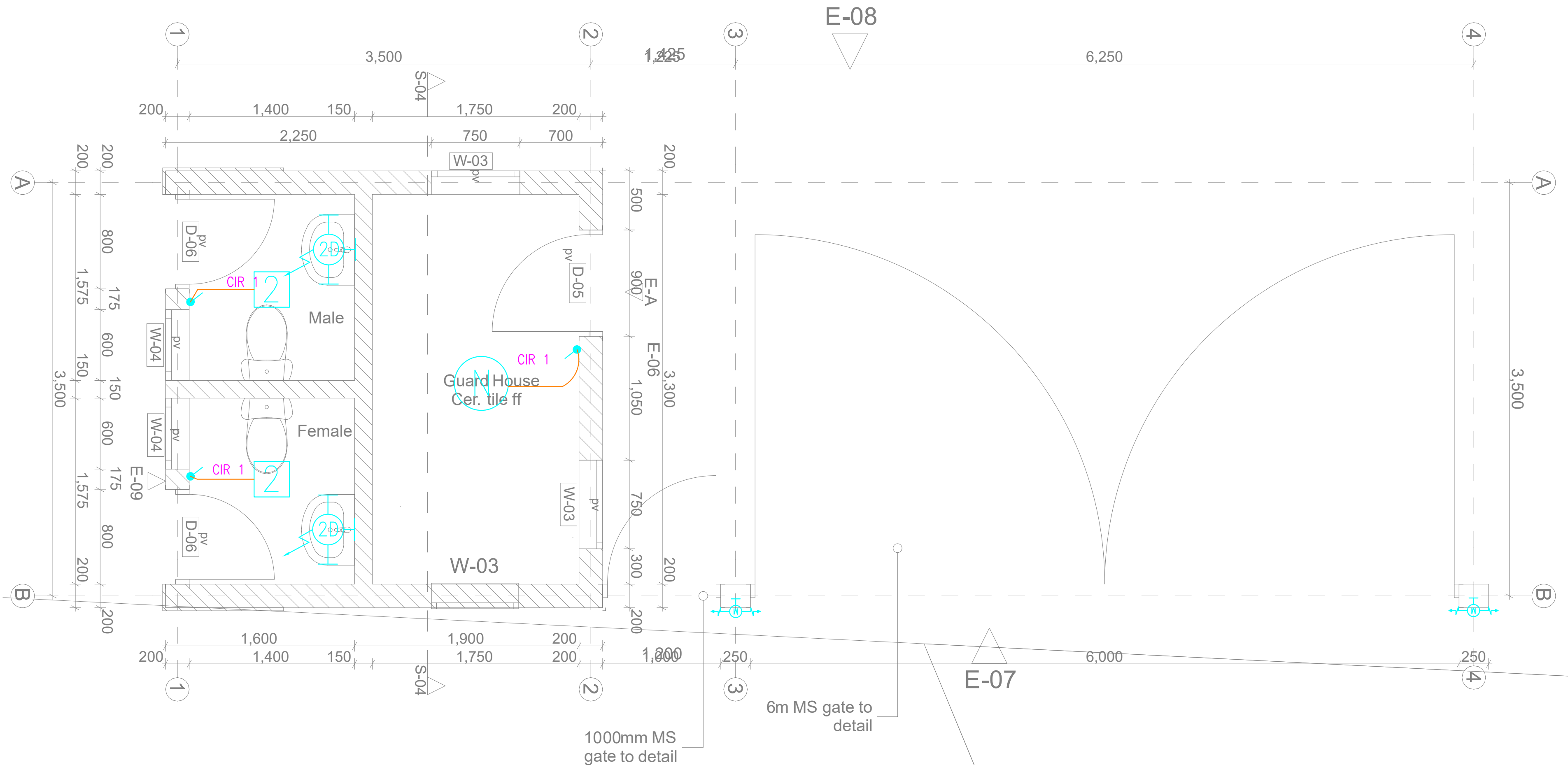
**GUARD HOUSE LIGHTING
LAYOUT**

Dwg. No. **11- 003E- 004**

Scale: NTS

Drawn by Chek'd By

Project no.:	Date:
11	14.01.2024



GUARD HOUSE A- PLAN 1:50

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PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

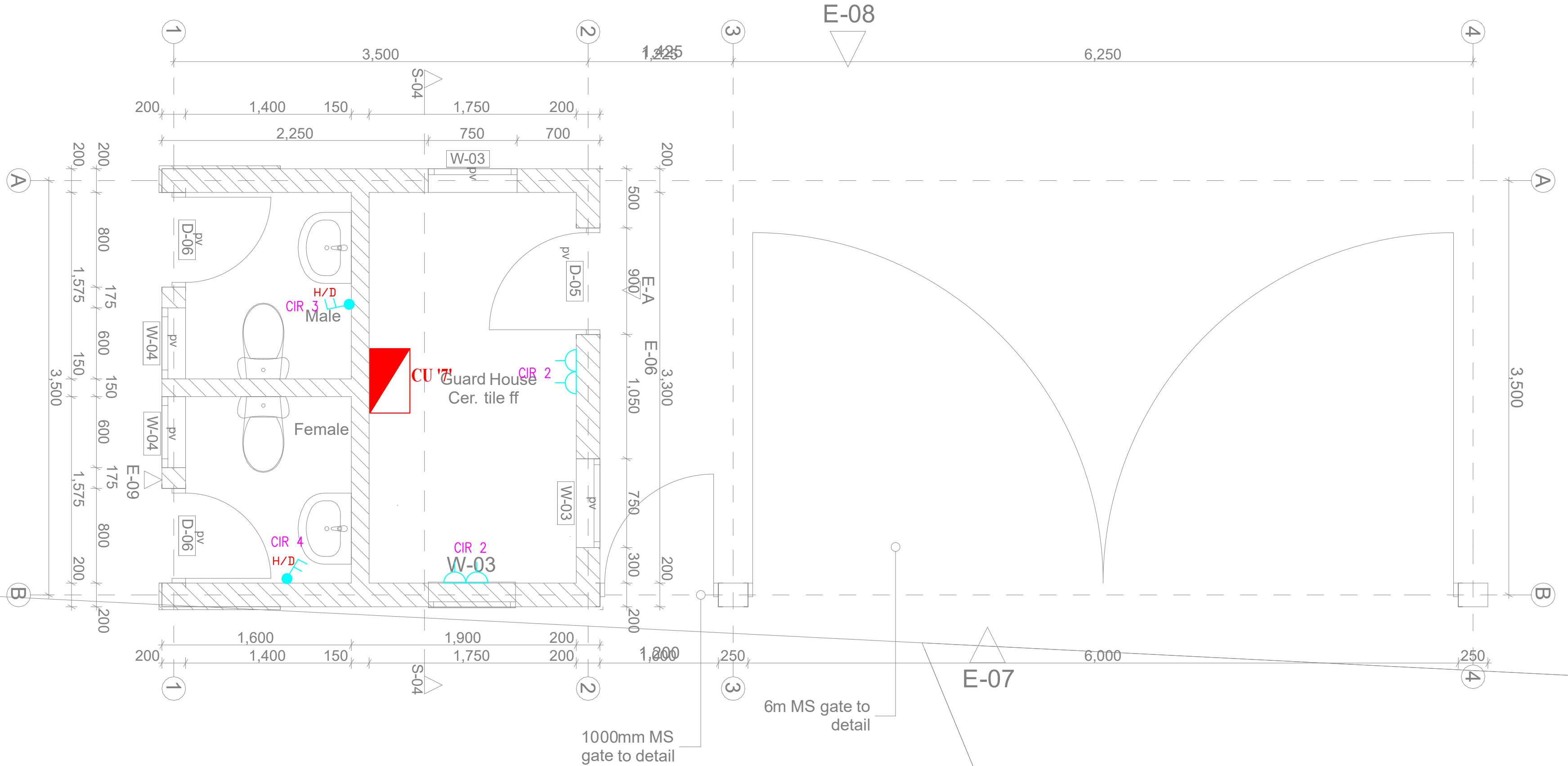
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DRAWING TITLE:

GUARD HOUSE POWER
LAYOUT

Dwg. No.	11- 003E- 005
Scale:	NTS
Drawn by	Chek'd By
Project no.:	Date:
11	14.01.2024



GUARD HOUSE A- PLAN 1:50

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

GUARD HOUSE FIRE ALARM
LAYOUT

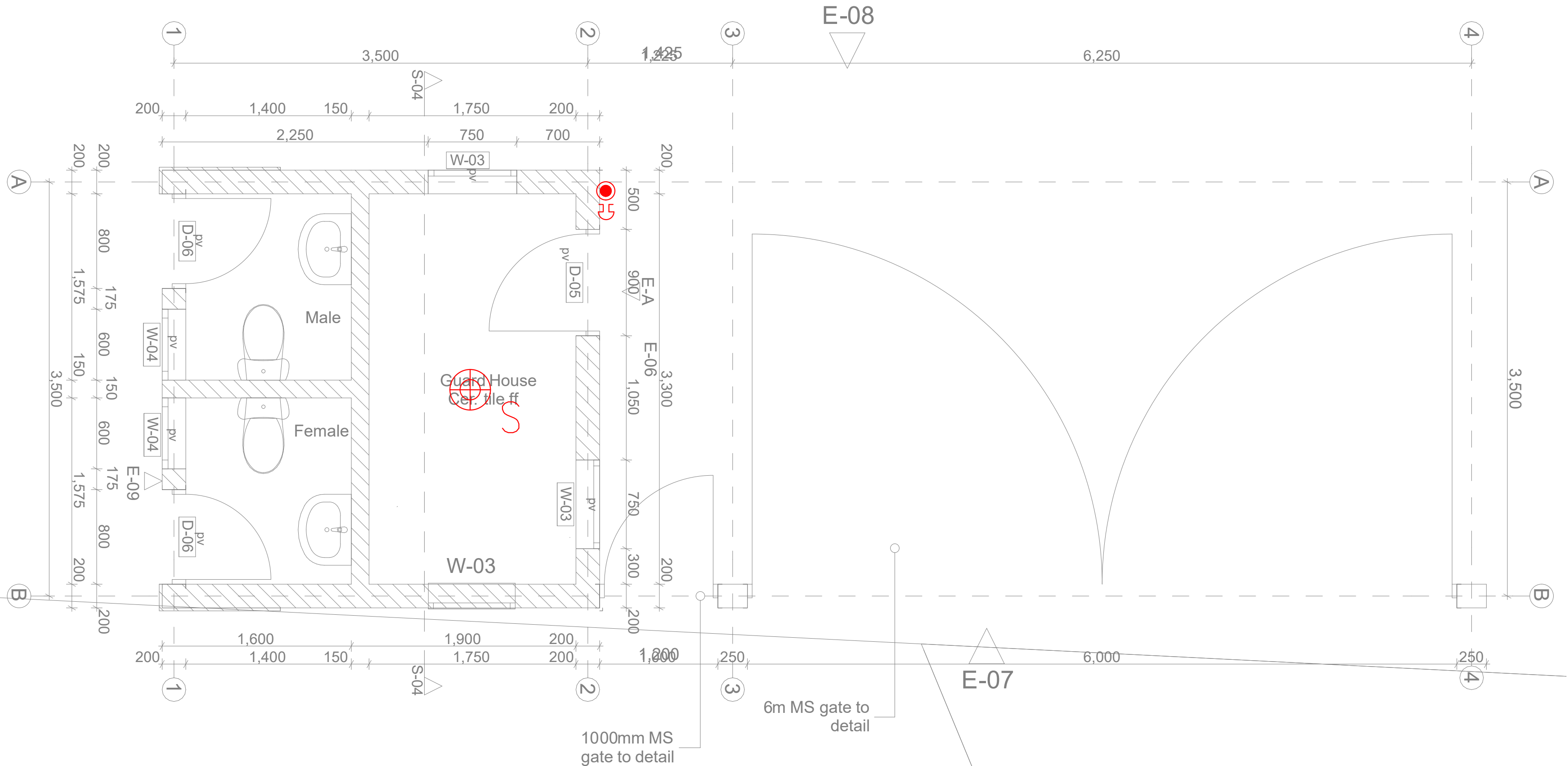
Dwg. No. **11- 003E- 006**

Scale: NTS

Drawn by Chek'd By

Project no.: Date:

11 14.01.2024



GUARD HOUSE A- PLAN 1:50



ARPRIM CONSORTIUM,
PO. BOX 12969-0040,
NAIROBI, KENYA.

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

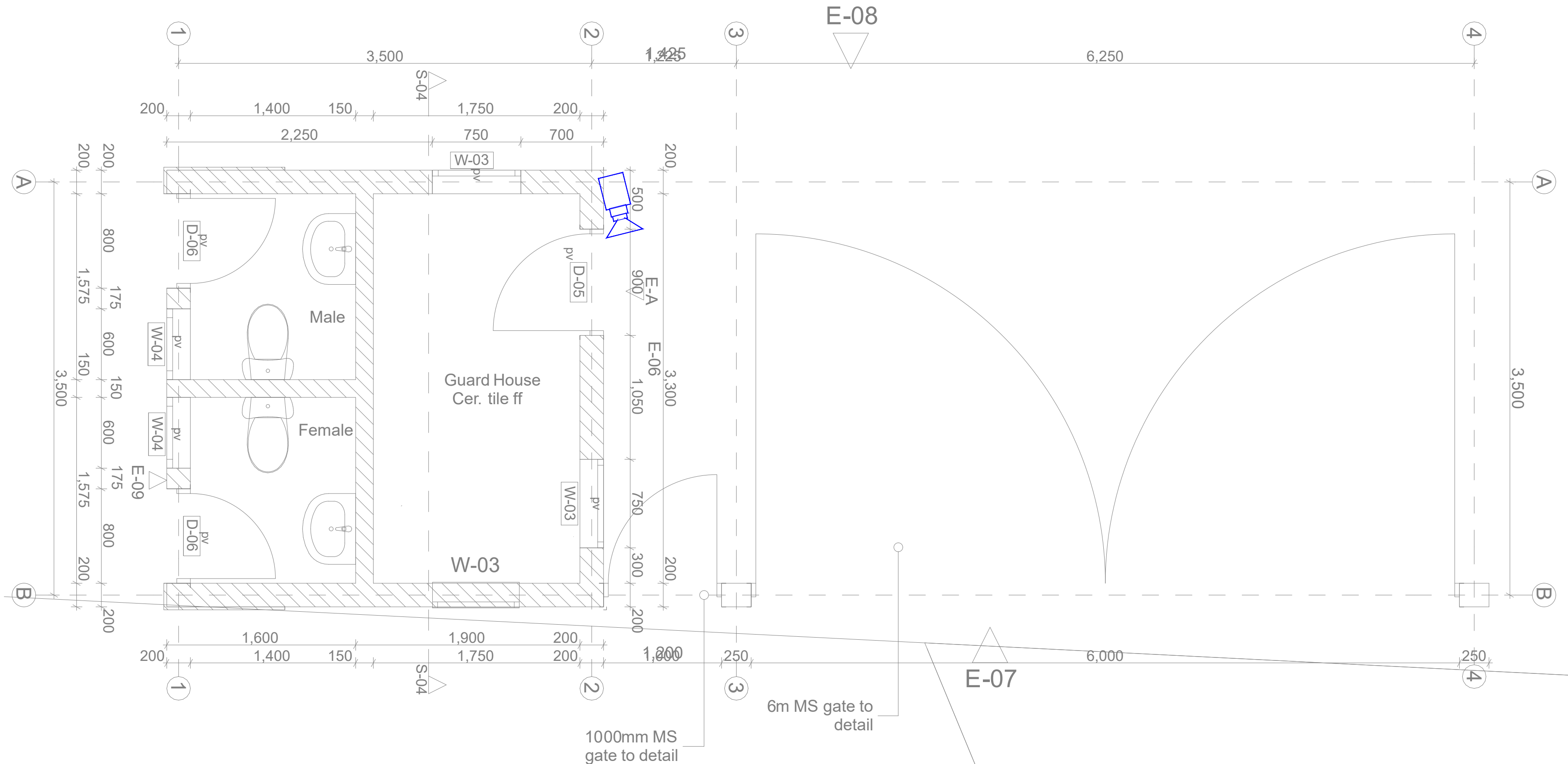
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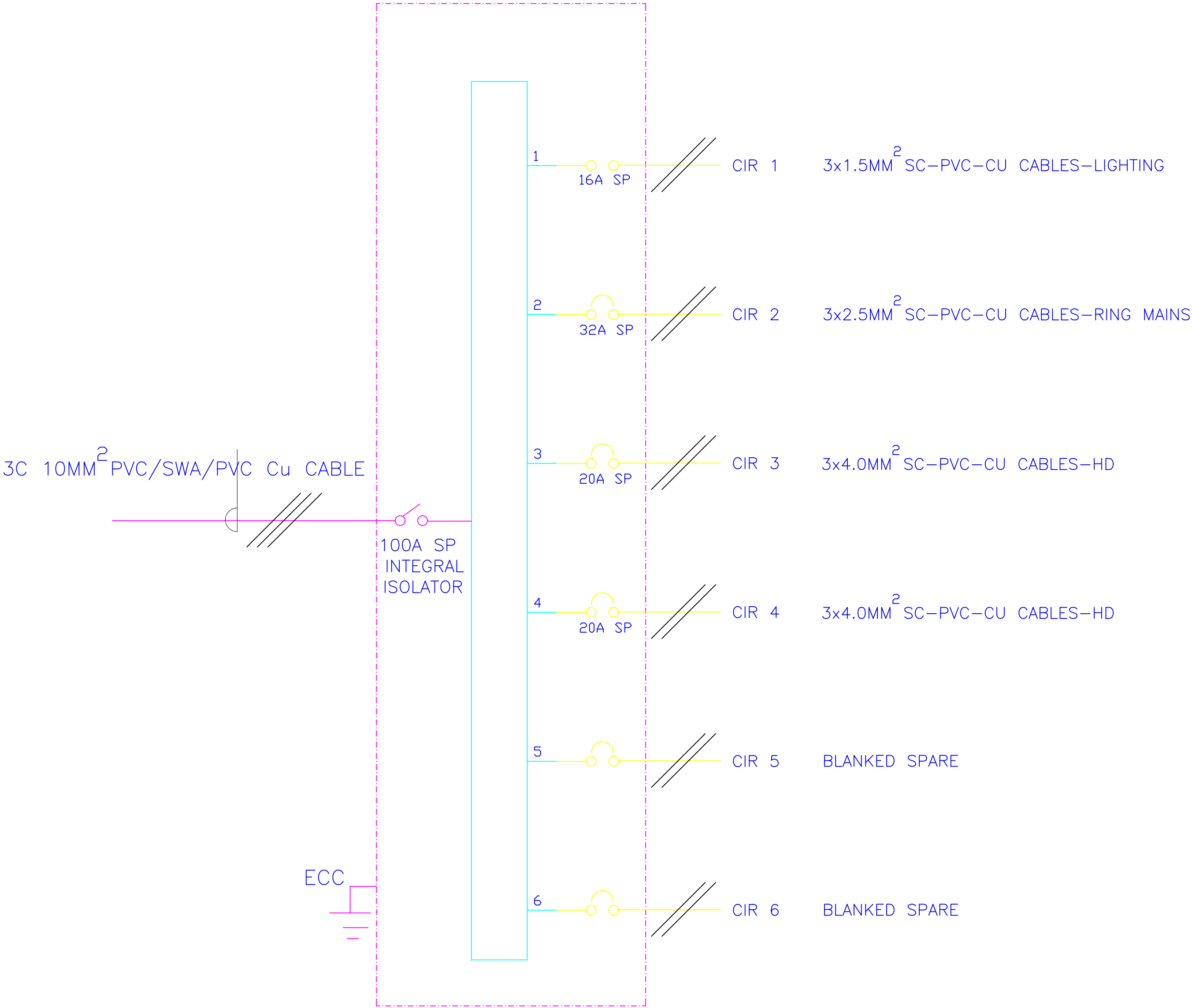
DRAWING TITLE:

GUARD HOUSE CCTV
LAYOUT

Dwg. No.	11- 003E- 007		
Scale:	NTS		
Drawn by		Chek'd By	
Project no.:		Date:	
11		14.01.2024	



GUARD HOUSE A- PLAN 1:50



6– WAY 100A SPN CONSUMER UNIT FOR
RAW POWER DISTRIBUTION IN GATE HOUSE



ARPRIM CONSORTIUM,
PO. BOX 12969-0040,
NAIROBI. KENYA.

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:	
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DRAWING TITLE:

GUARD HOUSE SCHEMATIC
LAYOUT

Dwg. No.	11- 003E- 008
Scale:	NTS
Drawn by	Chek'd By
Project no.:	Date:
11	14.01.2024



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

FISH GEAR MENDING
BLOCK LIGHTING LAYOUT

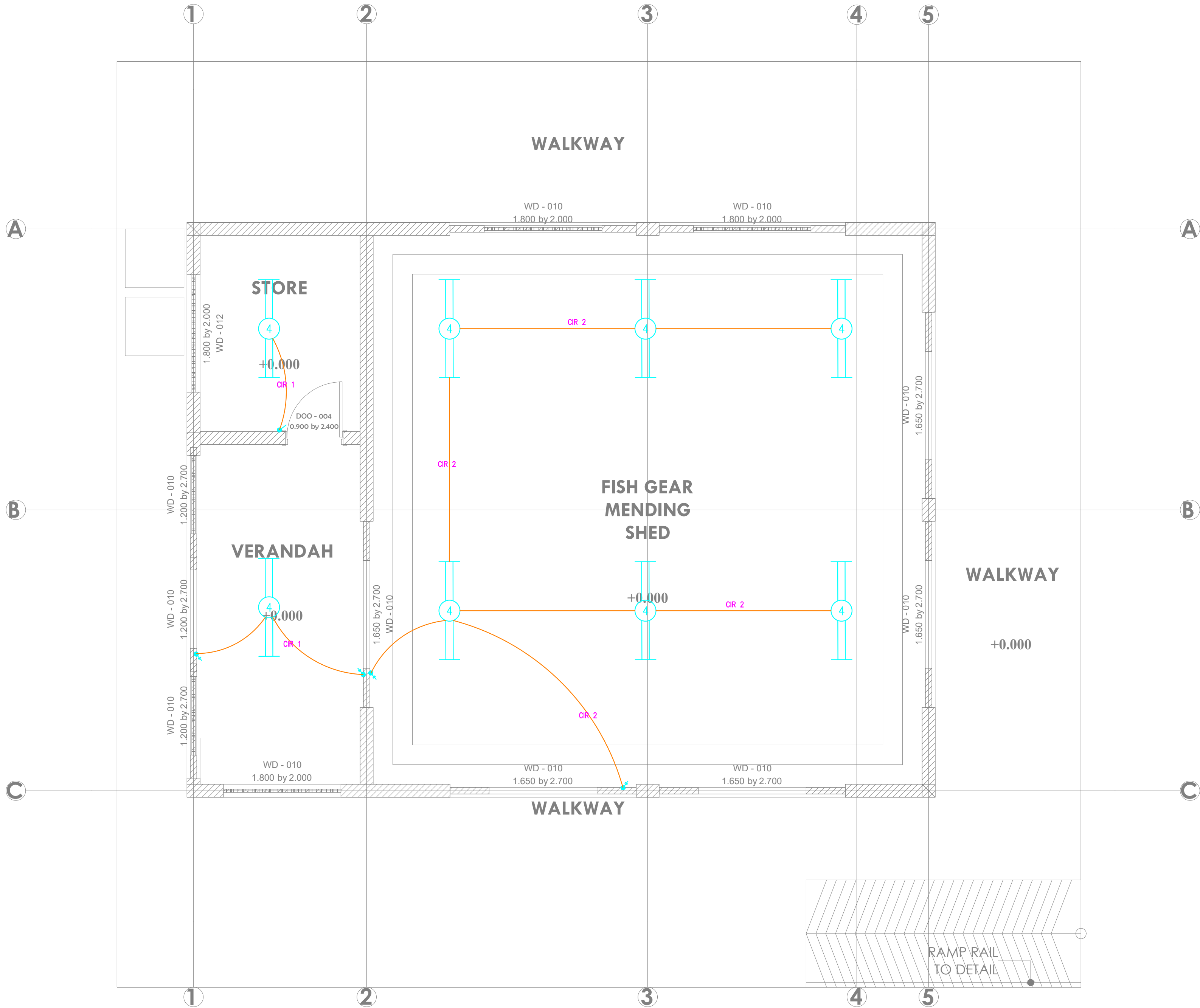
Dwg. No. 11- 003E- 009

Scale: NTS

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Project no.: Date:

11 14.01.2024





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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

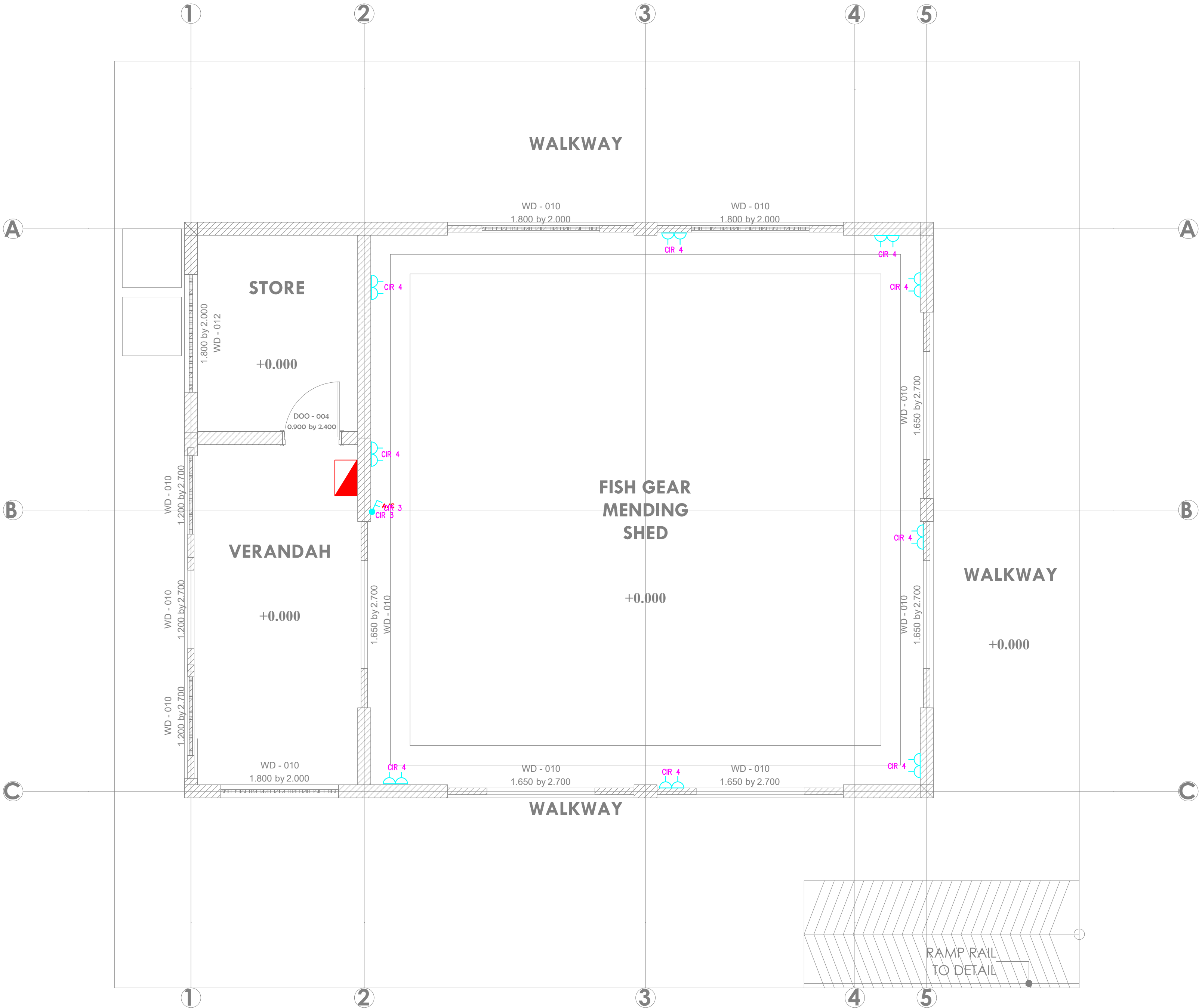
FISH GEAR MENDING
BLOCK POWER LAYOUT

Dwg. No. 11- 003E- 010

Scale: NTS

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Project no.: 11 Date: 14.01.2024





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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

FISH GEAR MENDING
BLOCK FIRE ALARM
LAYOUT

Dwg. No. 11- 003E- 011

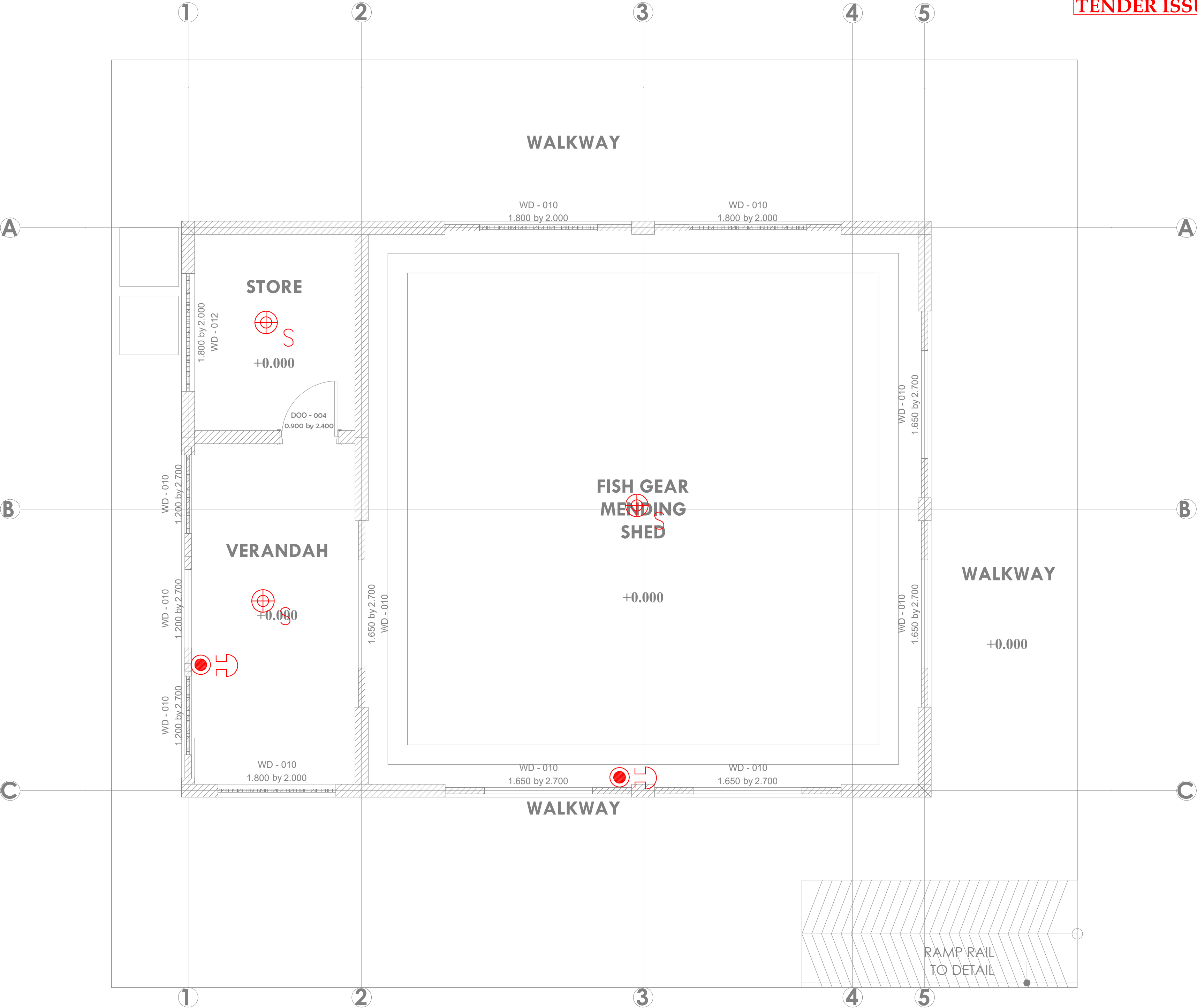
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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:	
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DRAWING TITLE:

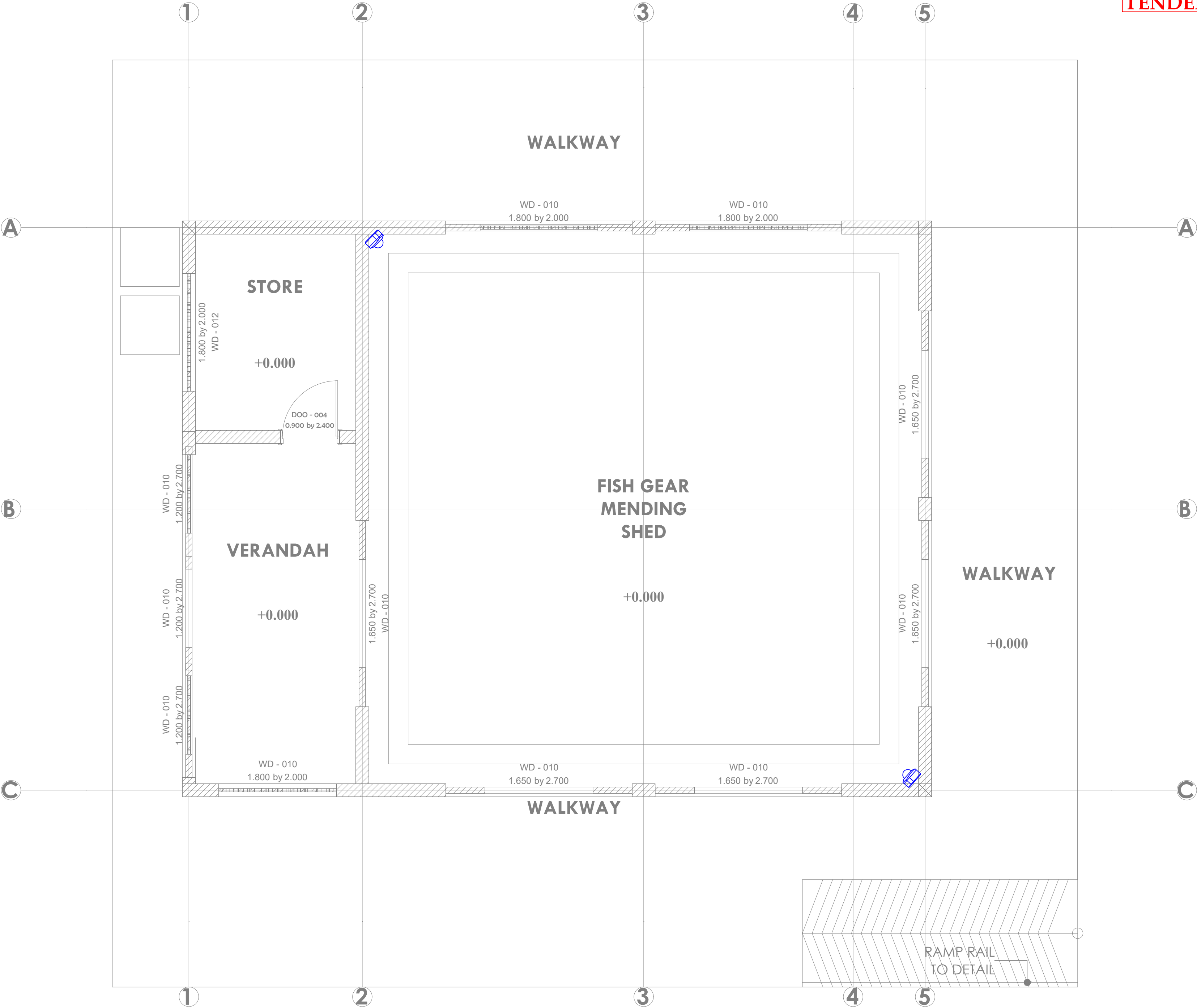
FISH GEAR MENDING
BLOCK CCTV LAYOUT

Dwg. No. 11- 003E- 012

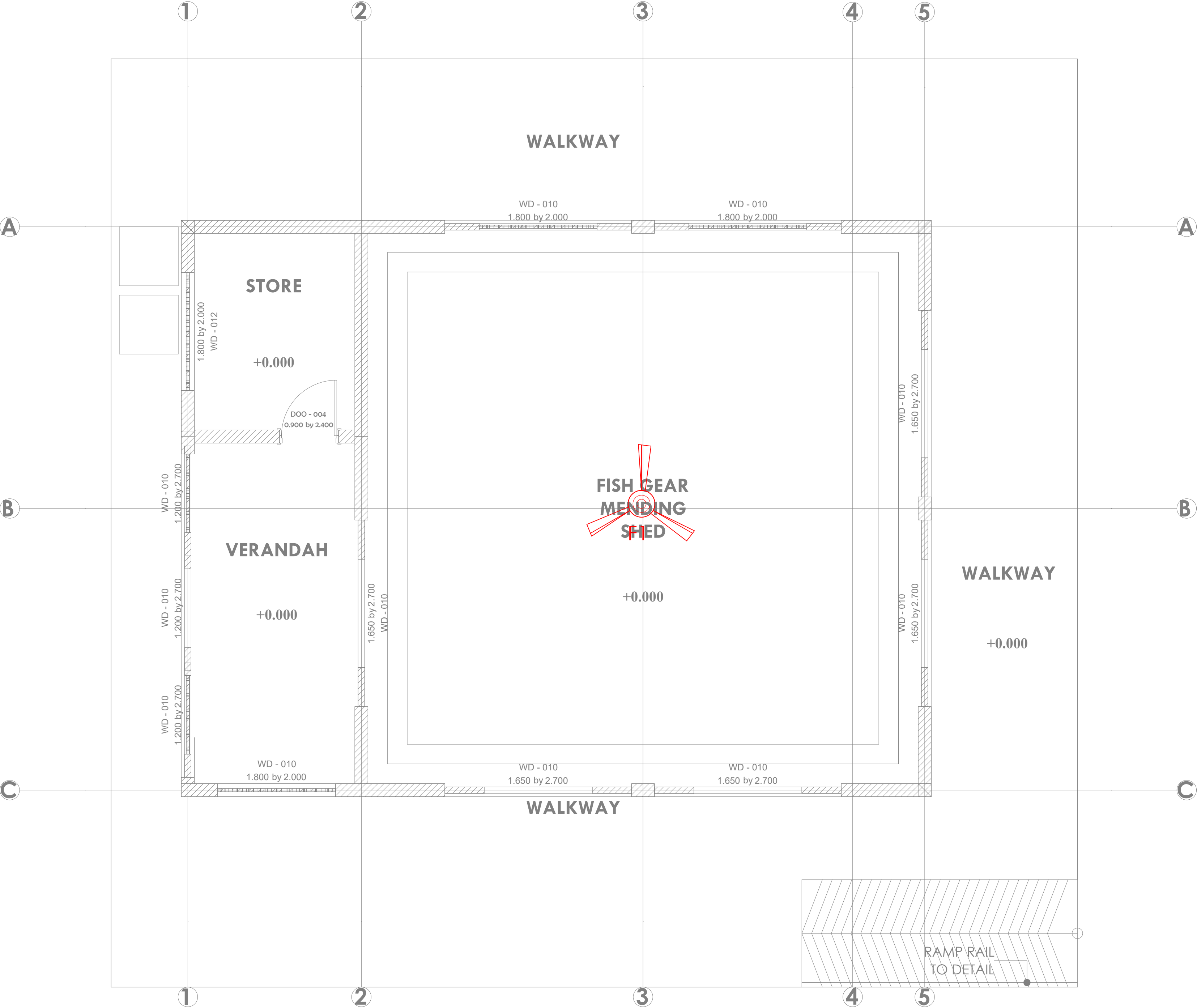
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11	14.01.2024



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PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

FISH GEAR MENDING
BLOCK AC LAYOUT

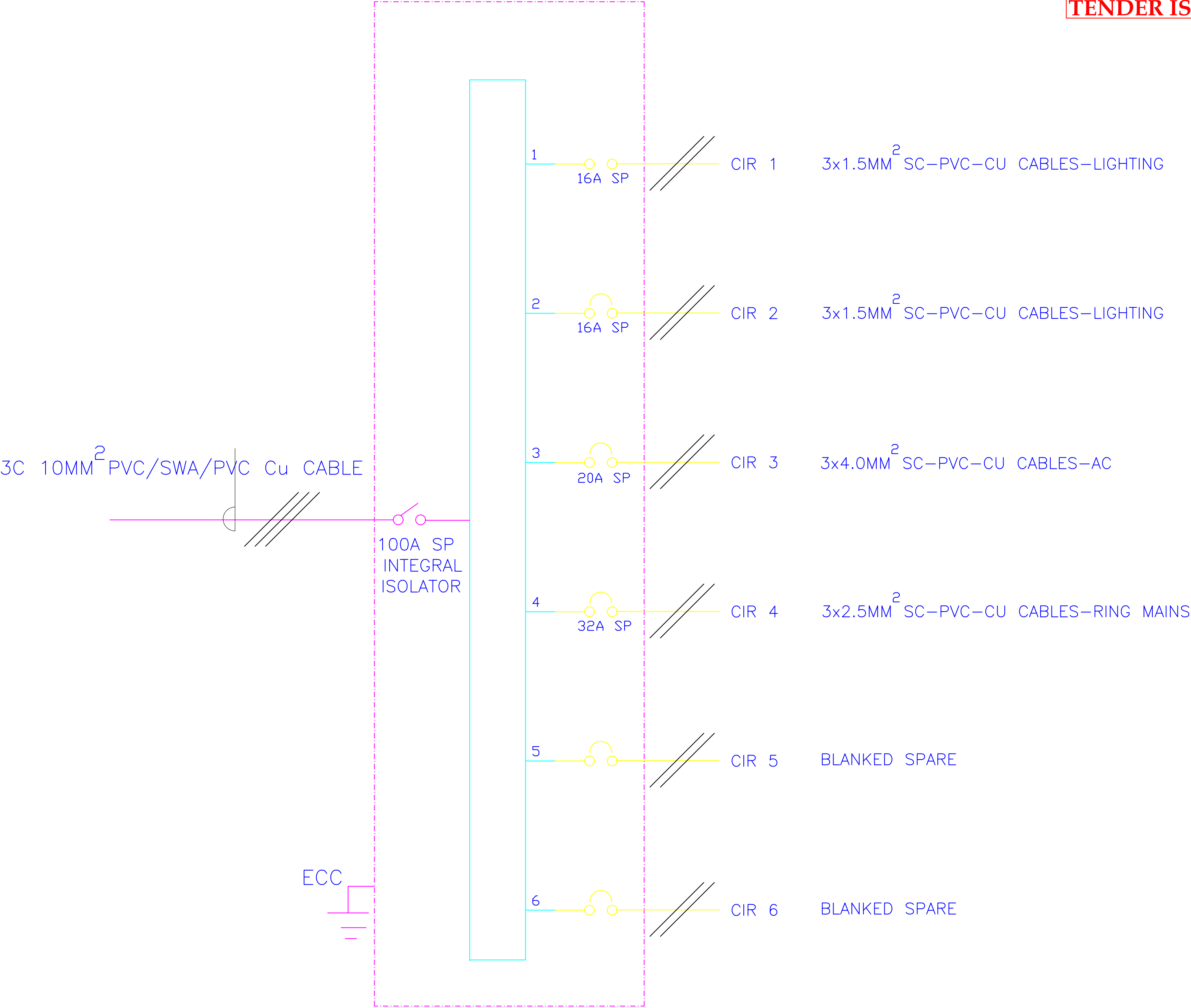
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Scale: NTS

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Project no.:	Date:
11	14.01.2024

TENDER ISSUE



6- WAY 100A SPN CONSUMER UNIT FOR
RAW POWER DISTRIBUTION IN FISH MENDING GEAR BLOCK

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

FISH GEAR MENDING
BLOCK SCHEMATIC
LAYOUT

Dwg. No. 11- 003E- 014

Scale: NTS

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Project no.: Date:

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH LANDING SITES/MARKETS FISHERIES OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:	
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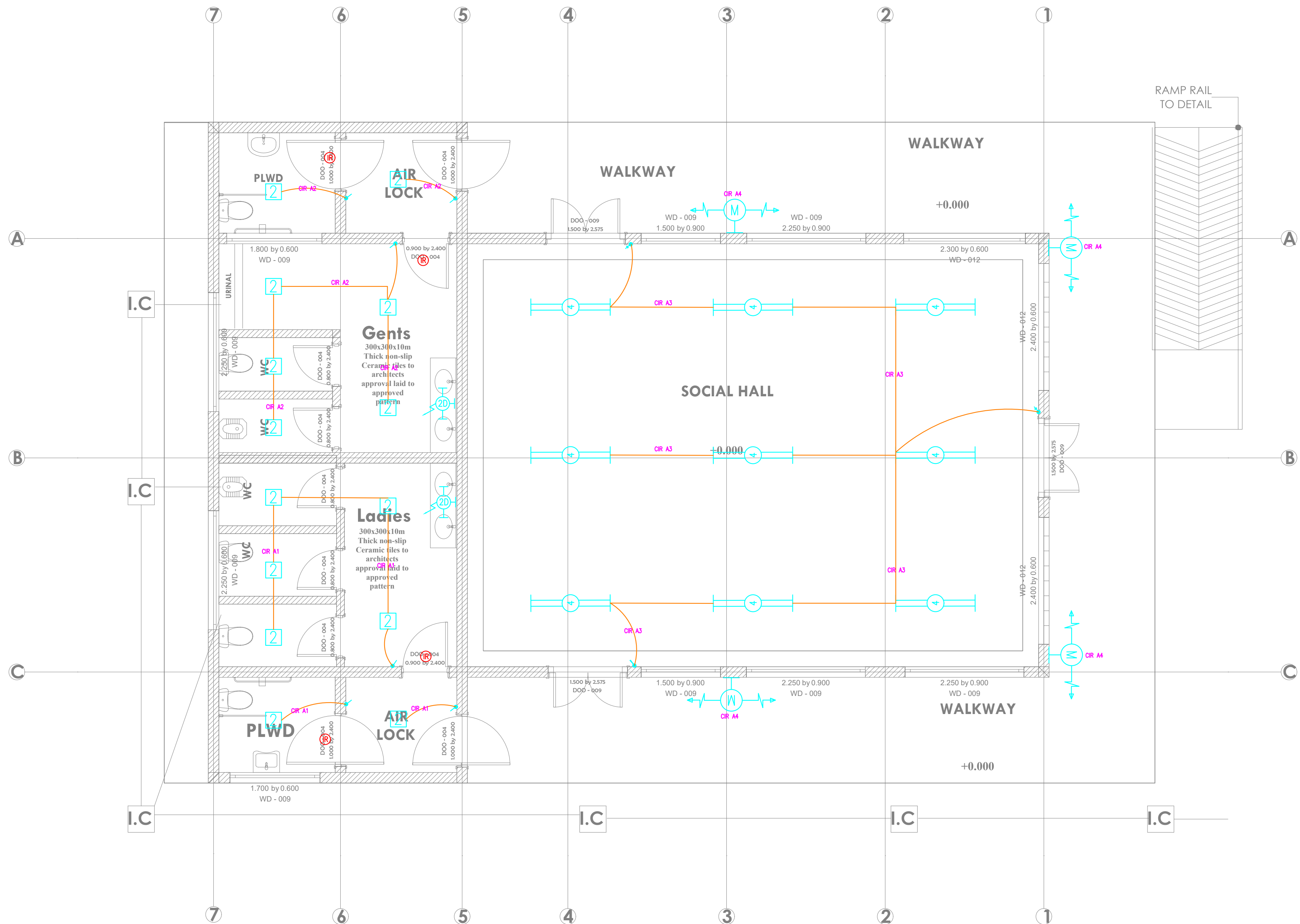
DRAWING TITLE:
SOCIAL HALL BLOCK
LIGHTING LAYOUT

Dwg. No.	11- 003E- 015
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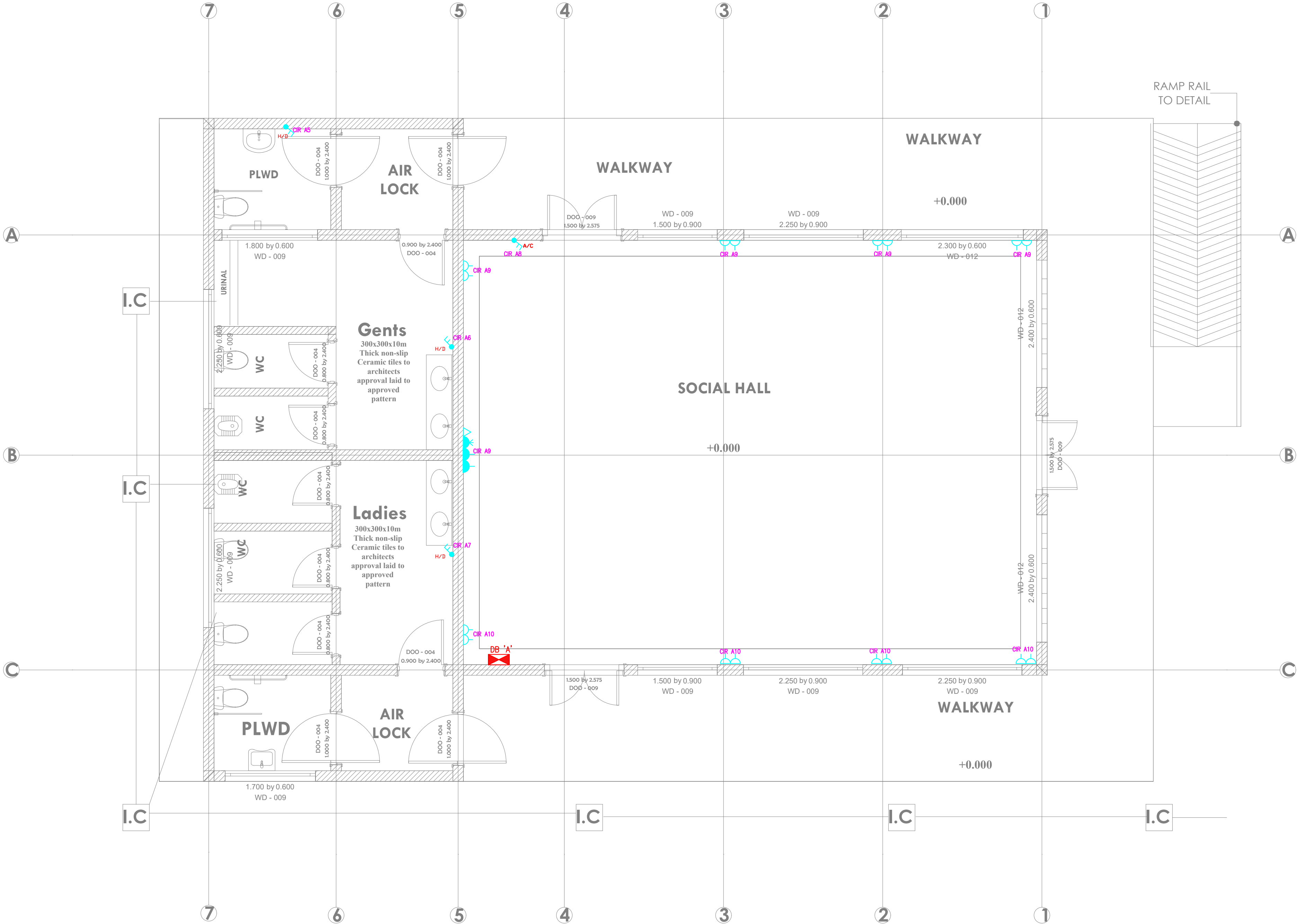
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Project no.:	Date:
11	14.01.2024



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

SOCIAL HALL BLOCK
POWER LAYOUT

Dwg. No. 11- 003E- 016

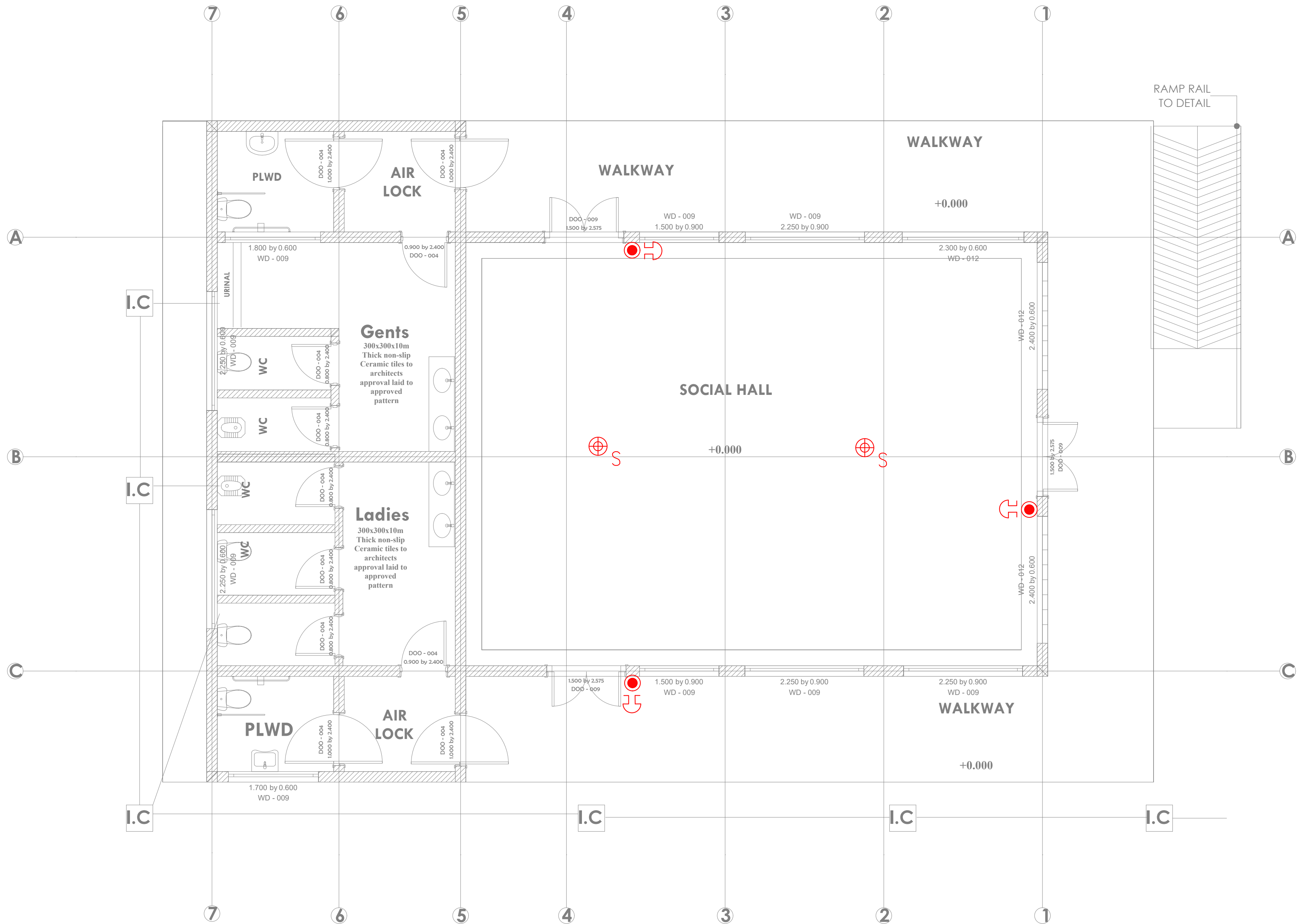
Scale: NTS

Drawn by Chek'd By

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11 14.01.2024

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

SOCIAL HALL BLOCK FIRE
ALARM LAYOUT

Dwg. No. 11- 003E- 017

Scale: NTS

Drawn by Chek'd By

Project no.: Date:

11 14.01.2024



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

**SOCIAL HALL BLOCK CCTV
LAYOUT**

Dwg. No. **11- 003E- 018**

Scale: NTS

Drawn by Chek'd By

Project no.: Date:

11 14.01.2024



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH LANDING SITES/MARKETS FISHERIES OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:	
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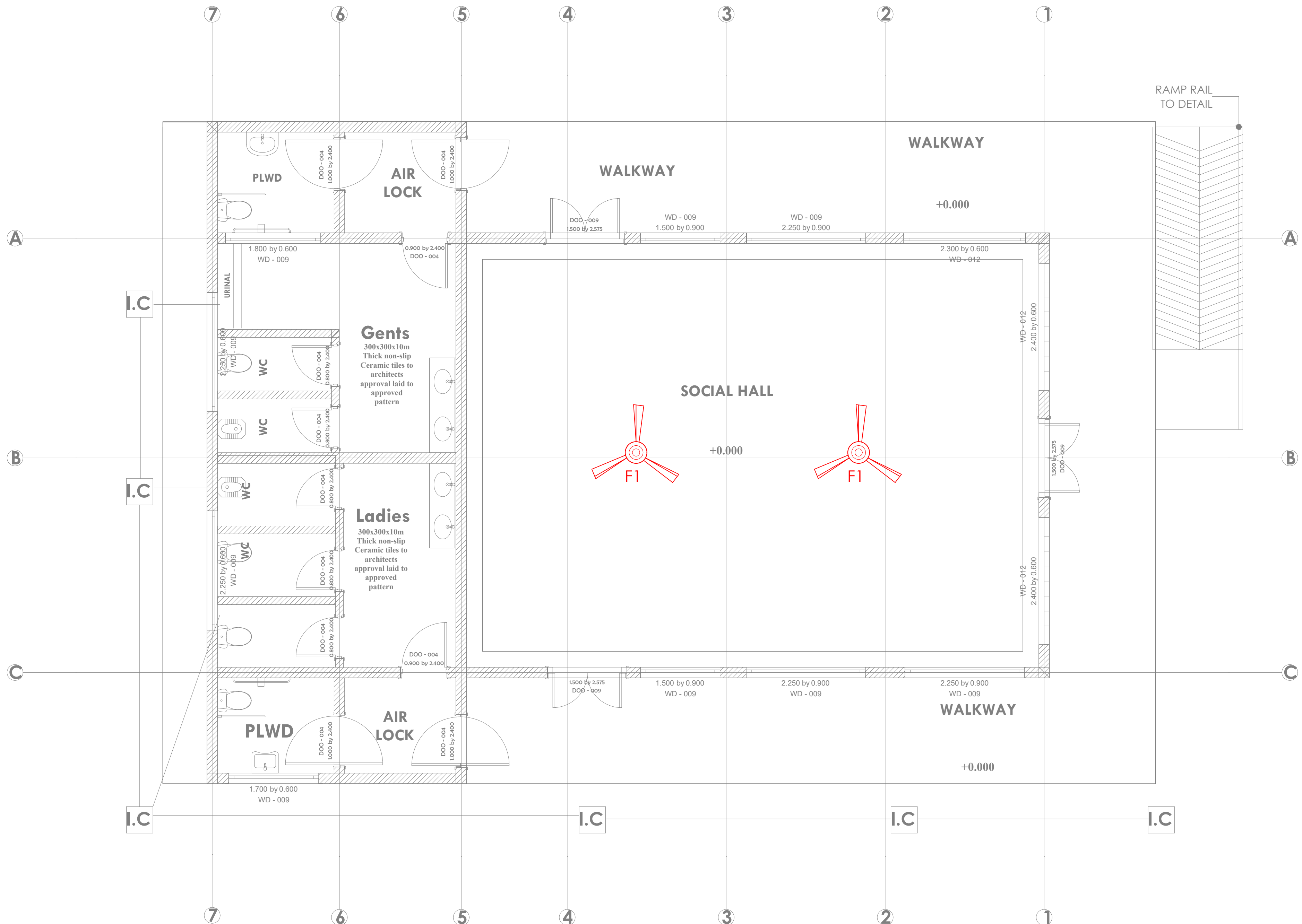
DRAWING TITLE:
SOCIAL HALL BLOCK AC
LAYOUT

Dwg. No.	11- 003E- 019
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Scale:	NTS
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Drawn by		Chek'd By	
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Project no.:	Date:
11	14.01.2024



4C 16MM² PVC/SWA/PVC
+1X16MM² PVC-SC Cu CABLE

100A TP
INTEGRAL
ISOLATOR

ECC

1	16A SP	CIR A1	3x1.5MM ² SC-PVC-CU CABLES-LIGHTING
	16A SP	CIR A2	3x1.5MM ² SC-PVC-CU CABLES-LIGHTING
	16A SP	CIR A3	3x1.5MM ² SC-PVC-CU CABLES-LIGHTING
2	16A SP	CIR A4	3x1.5MM ² SC-PVC-CU CABLES-LIGHTING
	20A SP	CIR A5	3x4.0MM ² SC-PVC-CU CABLES-HAND DRIER
	20A SP	CIR A6	3x4.0MM ² SC-PVC-CU CABLES-HAND DRIER
3	20A SP	CIR A7	3x4.0MM ² SC-PVC-CU CABLES-HAND DRIER
	20A SP	CIR A8	3x4.0MM ² SC-PVC-CU CABLES-AC
	32A SP	CIR A9	3x2.5MM ² SC-PVC-CU CABLES-RING MAINS
4	32A SP	CIR A10	3x2.5MM ² SC-PVC-CU CABLES-RING MAINS
		CIR A11	BLANKED SPARE
		CIR A12	BLANKED SPARE
5		CIR A13	BLANKED SPARE
		CIR A14	BLANKED SPARE
		CIR A15	BLANKED SPARE
6		CIR A16	BLANKED SPARE
		CIR A17	BLANKED SPARE
		CIR A18	BLANKED SPARE
7		CIR A19	BLANKED SPARE
		CIR A20	BLANKED SPARE
		CIR A21	BLANKED SPARE
8		CIR A22	BLANKED SPARE
		CIR A23	BLANKED SPARE
		CIR A24	BLANKED SPARE

8- WAY 100A TPN DISTRIBUTION BOARD 'A' FOR
RAW POWER DISTRIBUTION IN FISH BANDA



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

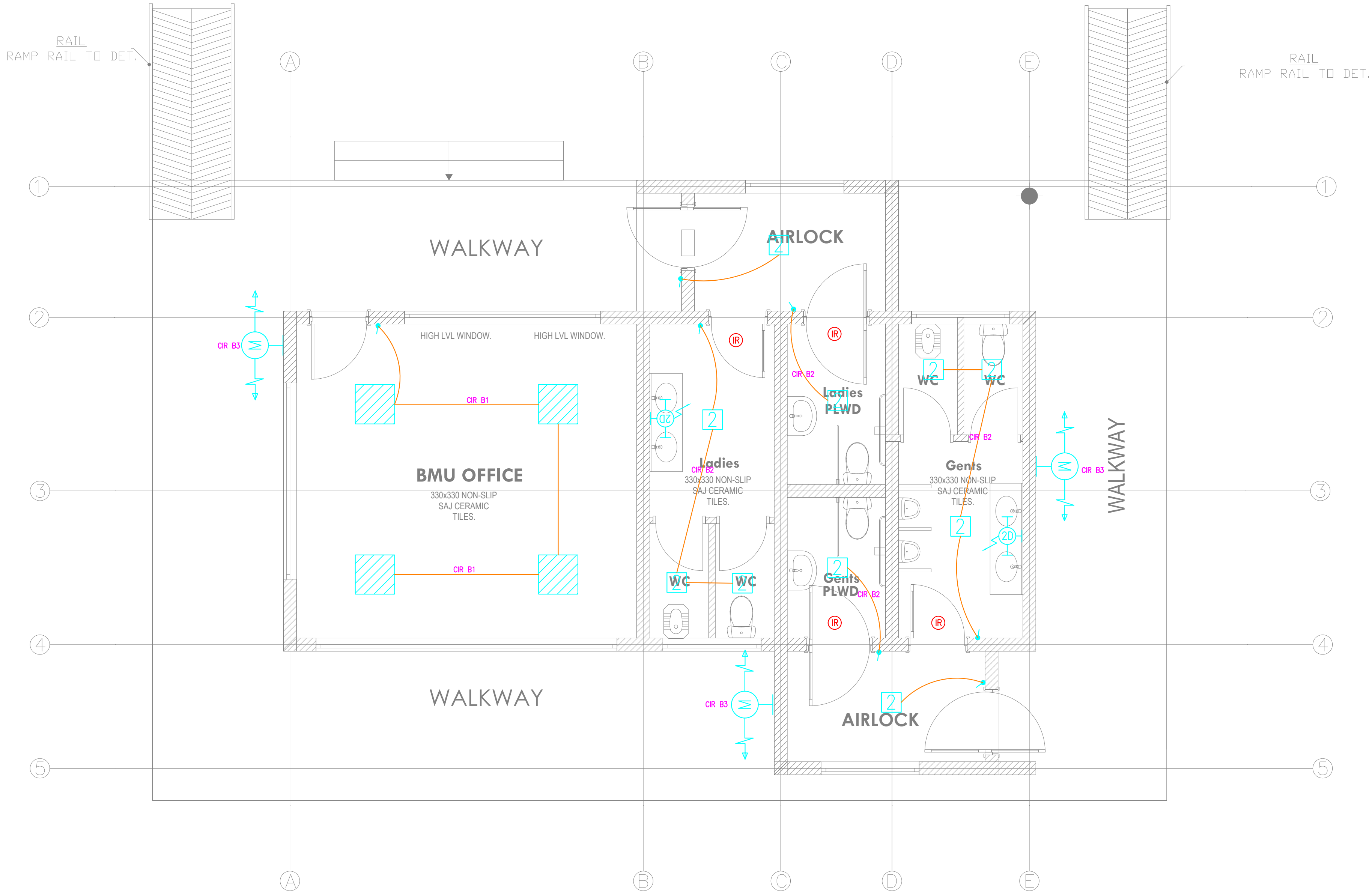
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DRAWING TITLE:

SOCIAL HALL BLOCK
SCHEMATIC LAYOUT

Dwg. No.	11- 003E- 020
Scale:	NTS
Drawn by	Chek'd By
Project no.:	Date:
11	14.01.2024

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

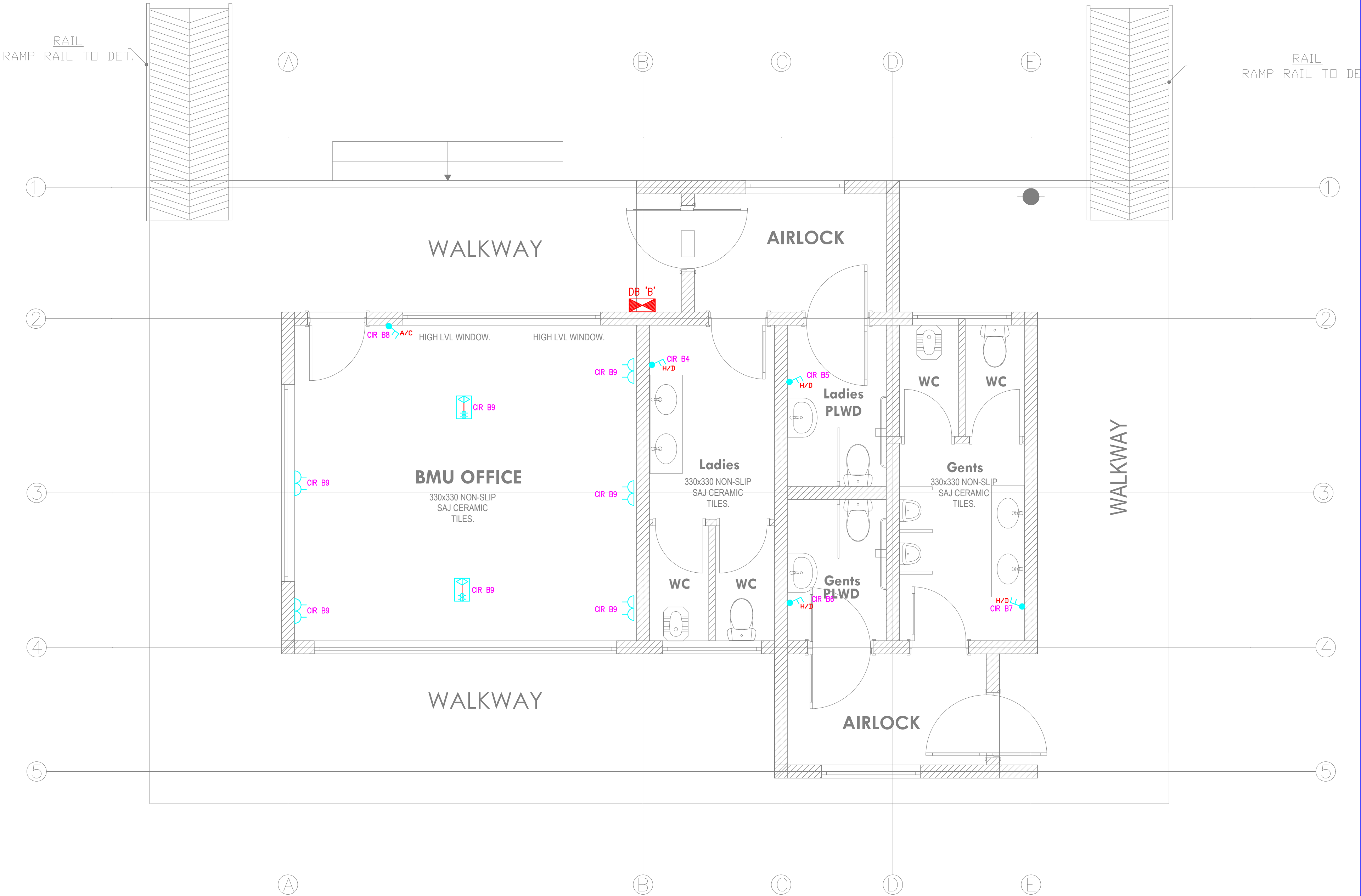
Sign:

DRAWING TITLE:

**BMU OFFICE BLOCK
LIGHTING LAYOUT**

Dwg. No.	11- 003E- 021	
Scale:	NTS	
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Project no.:	Date:	
11	14.01.2024	

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

BMU OFFICE BLOCK POWER
LAYOUT

Dwg. No. 11- 003E- 022

Scale: NTS

Drawn by Chek'd By

Project no.: Date:

11 14.01.2024

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

**BMU OFFICE BLOCK FIRE
ALARM LAYOUT**

Dwg. No. **11- 003E- 023**

Scale: NTS

Drawn by Chek'd By

Project no.:	Date:
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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

BMU OFFICE BLOCK AC
LAYOUT

Dwg. No. 11- 003E- 024

Scale: NTS

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

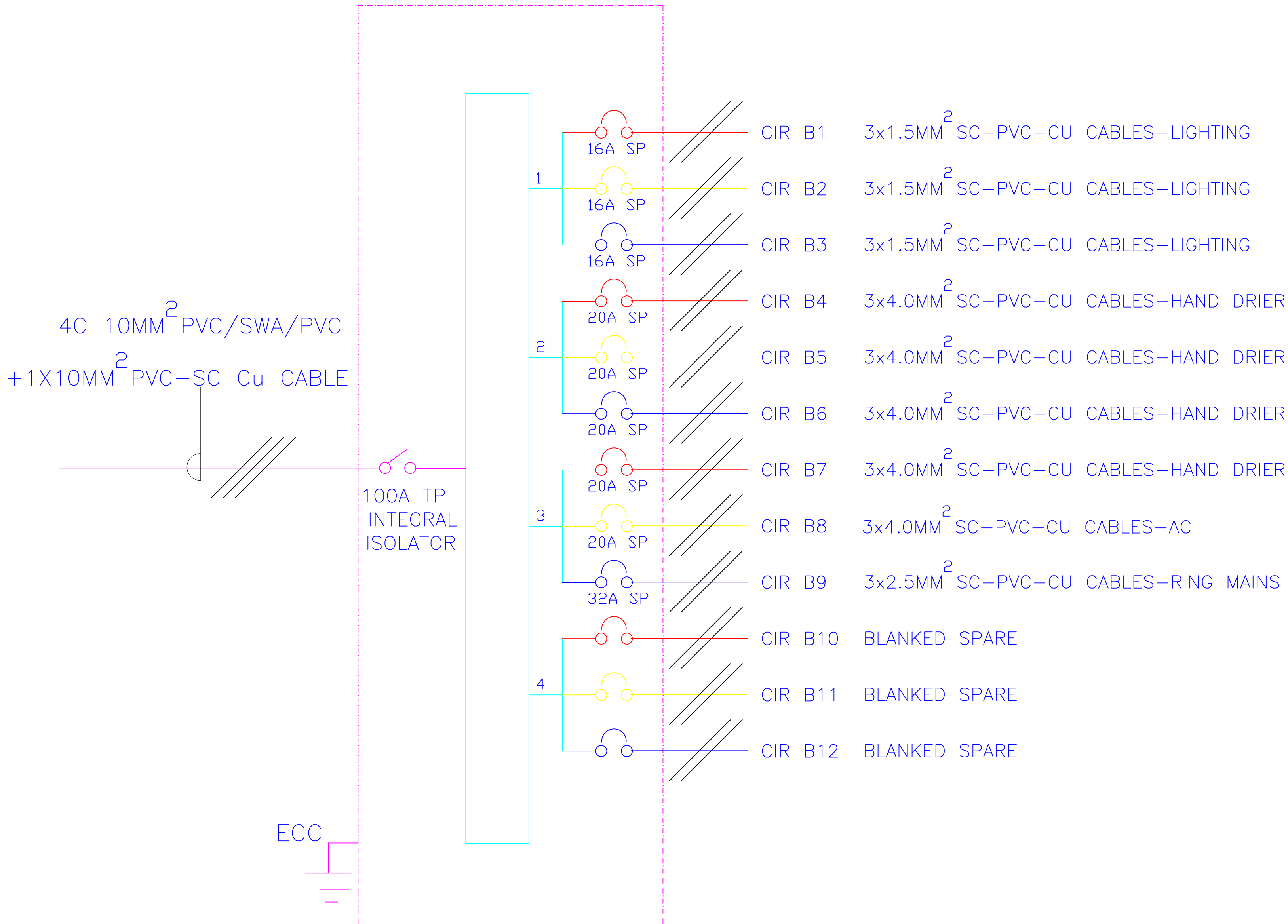
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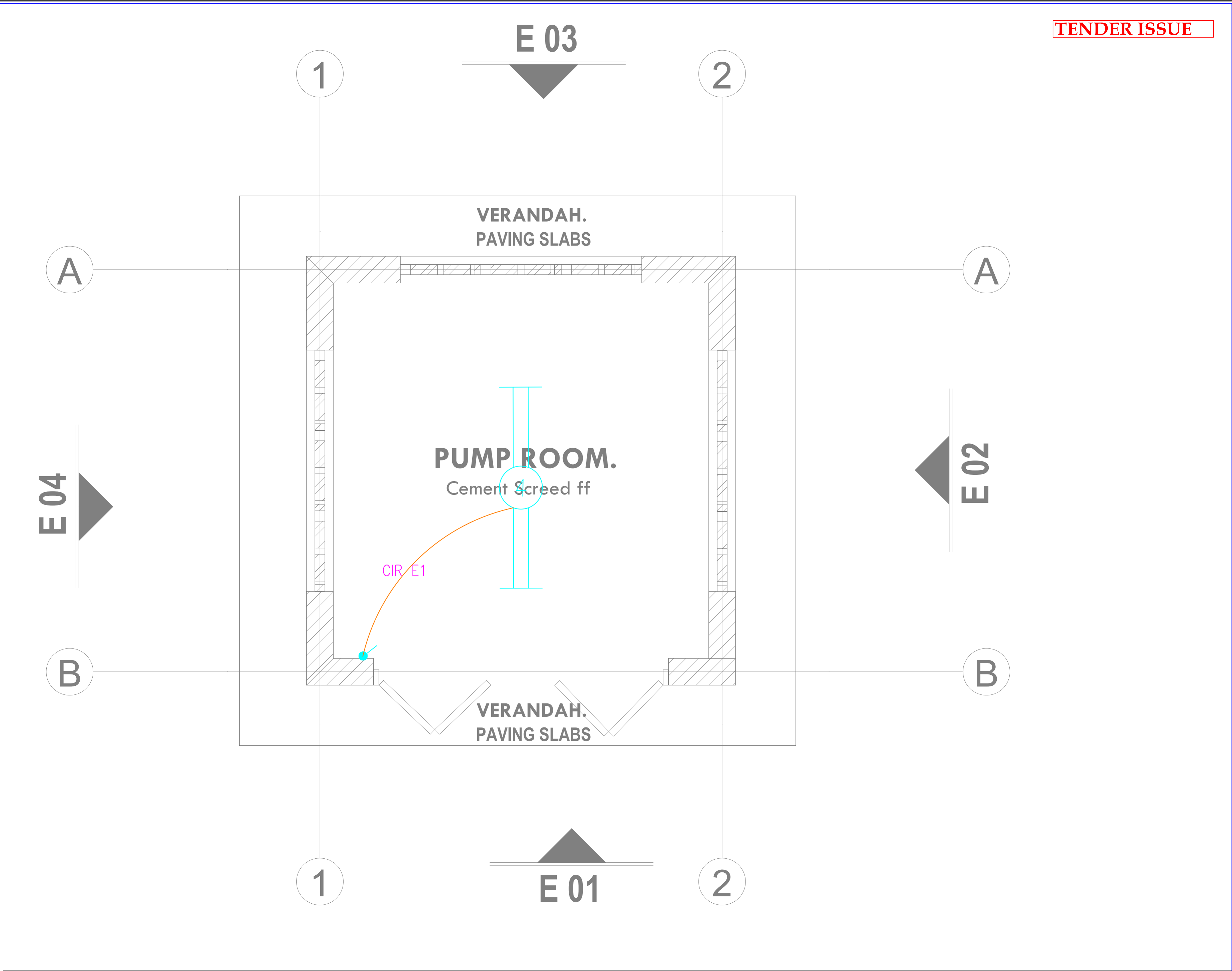
DRAWING TITLE:

BMU OFFICE BLOCK
SCHEMATIC LAYOUT

Dwg. No.	11- 003E- 025
Scale:	NTS
Drawn by	Chek'd By
Project no.:	Date:
11	14.01.2024



4- WAY 100A TPN DISTRIBUTION BOARD 'B' FOR
RAW POWER DISTRIBUTION IN BMU OFFICES



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

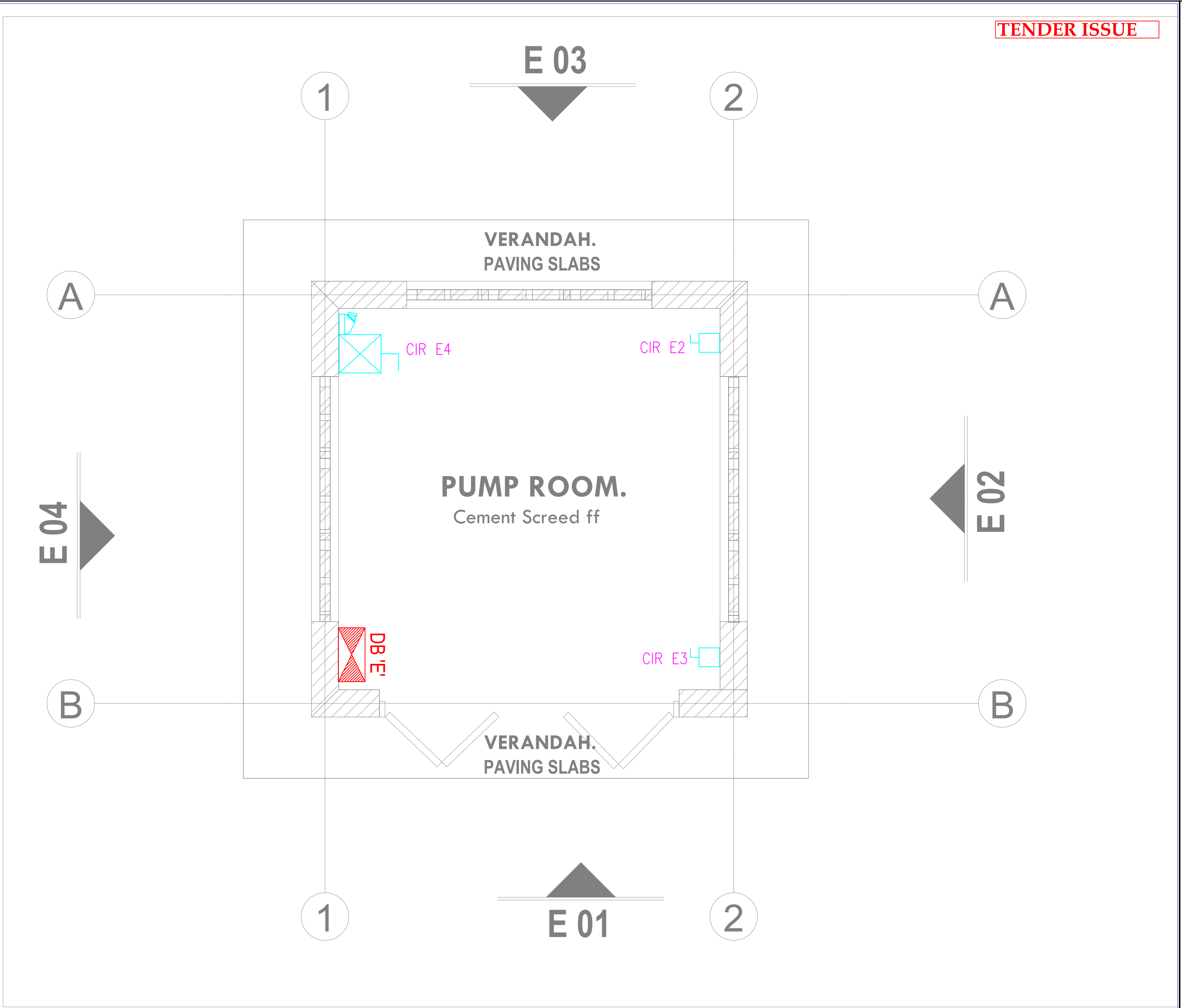
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DRAWING TITLE:

PUMP ROOM BLOCK
LIGHTING LAYOUT

Dwg. No.	08- 003E- 026		
Scale:	NTS		
Drawn by		Chek'd By	
Project no.:		Date:	
08		14.01.2024	



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

PUMP ROOM BLOCK
POWER LAYOUT

Dwg. No.	08- 003E- 027
Scale:	NTS
Drawn by	Chek'd By
Project no.:	Date:
08	14.01.2024



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

**PUMP ROOM BLOCK FIRE
ALARM LAYOUT**

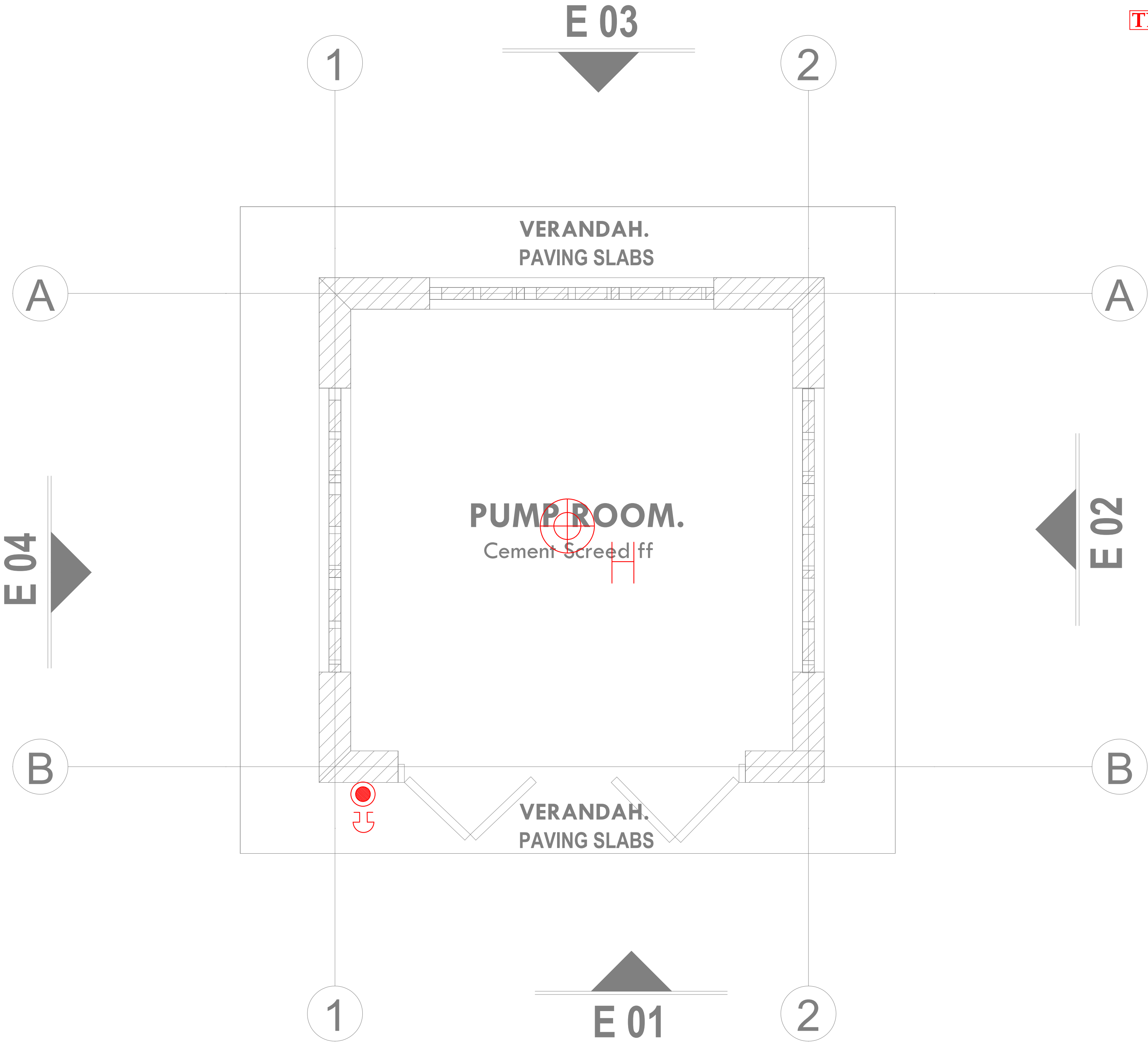
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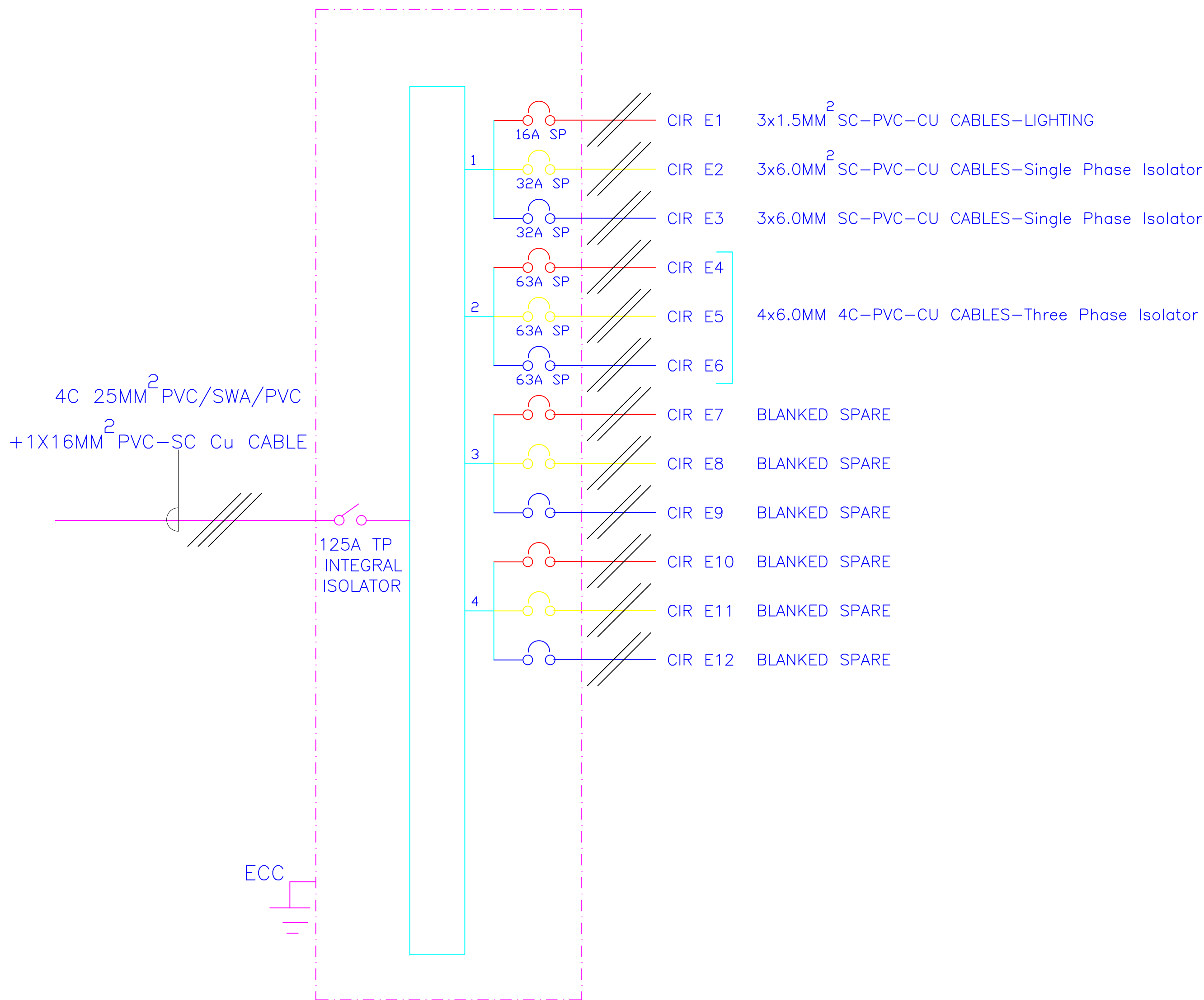
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Drawn by Chek'd By

Project no.:	Date:
08	14.01.2024

TENDER ISSUE





4- WAY 125A TPN DISTRIBUTION BOARD 'E' FOR
RAW POWER DISTRIBUTION ON GROUND FLOOR



ARPRIM CONSORTIUM,
PO. BOX 12969-0040,
NAIROBI. KENYA.

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITES/MARKETS FISHERIES
OFFICES

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:
PUMP ROOM BLOCK
SCHEMATIC LAYOUT

Dwg. No.	08- 003E- 029
Scale:	NTS
Drawn by	Chek'd By
Project no.:	Date:
08	14.01.2024



ARPRIM CONSORTIUM,
PO. BOX 12969-0040,
NAIROBI. KENYA.

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10. THE PROJECT NOTES ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT TECHNICAL SPECIFICATIONS.

REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

FISH BANDA GROUND
FLOOR LIGHTING LAYOUT

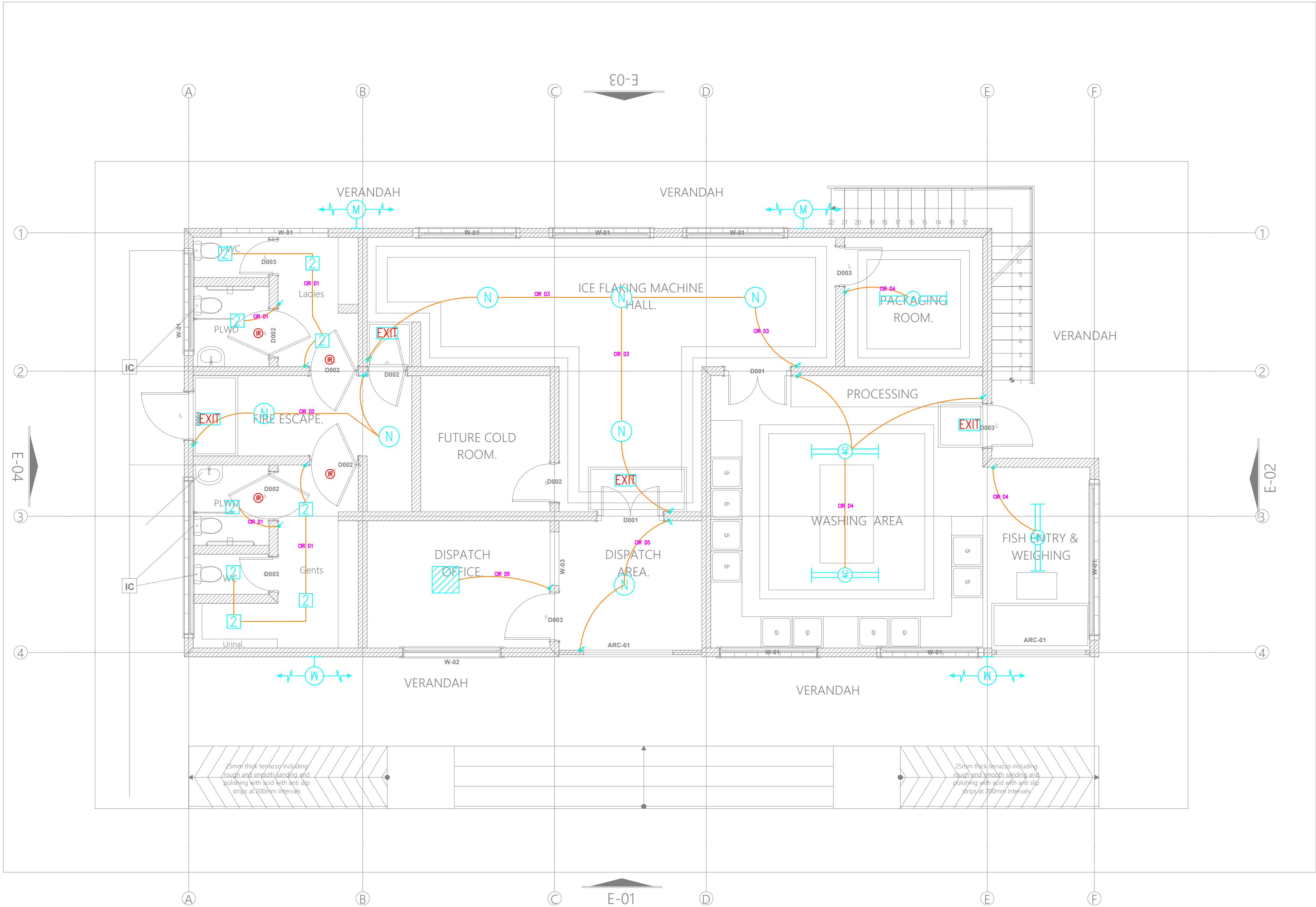
Dwg. No. 11- 003E- 030

Scale: NTS

Drawn by Chek'd By

Project no.: Date:

11 18.01.2024





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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

FISH BANDA GROUND
FLOOR POWER LAYOUT

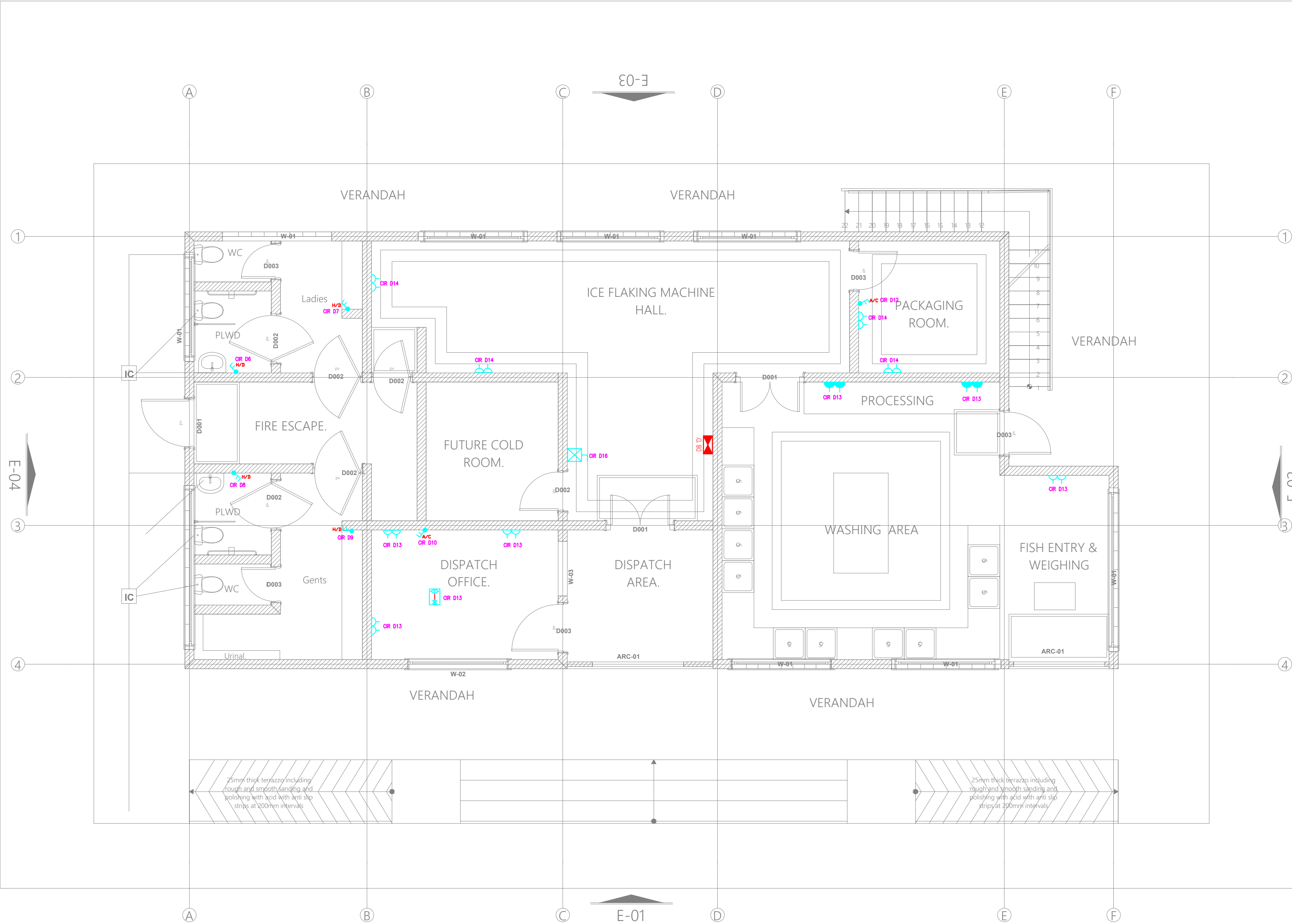
Dwg. No. 10- 003E- 031

Scale: NTS

Drawn by Chek'd By

Project no.: Date:

10 14.01.2024



W-01

W-02



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PO. BOX 12969-0040,
NAIROBI. KENYA.

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

FISH BANDA GROUND
FLOOR FIRE ALARM
LAYOUT

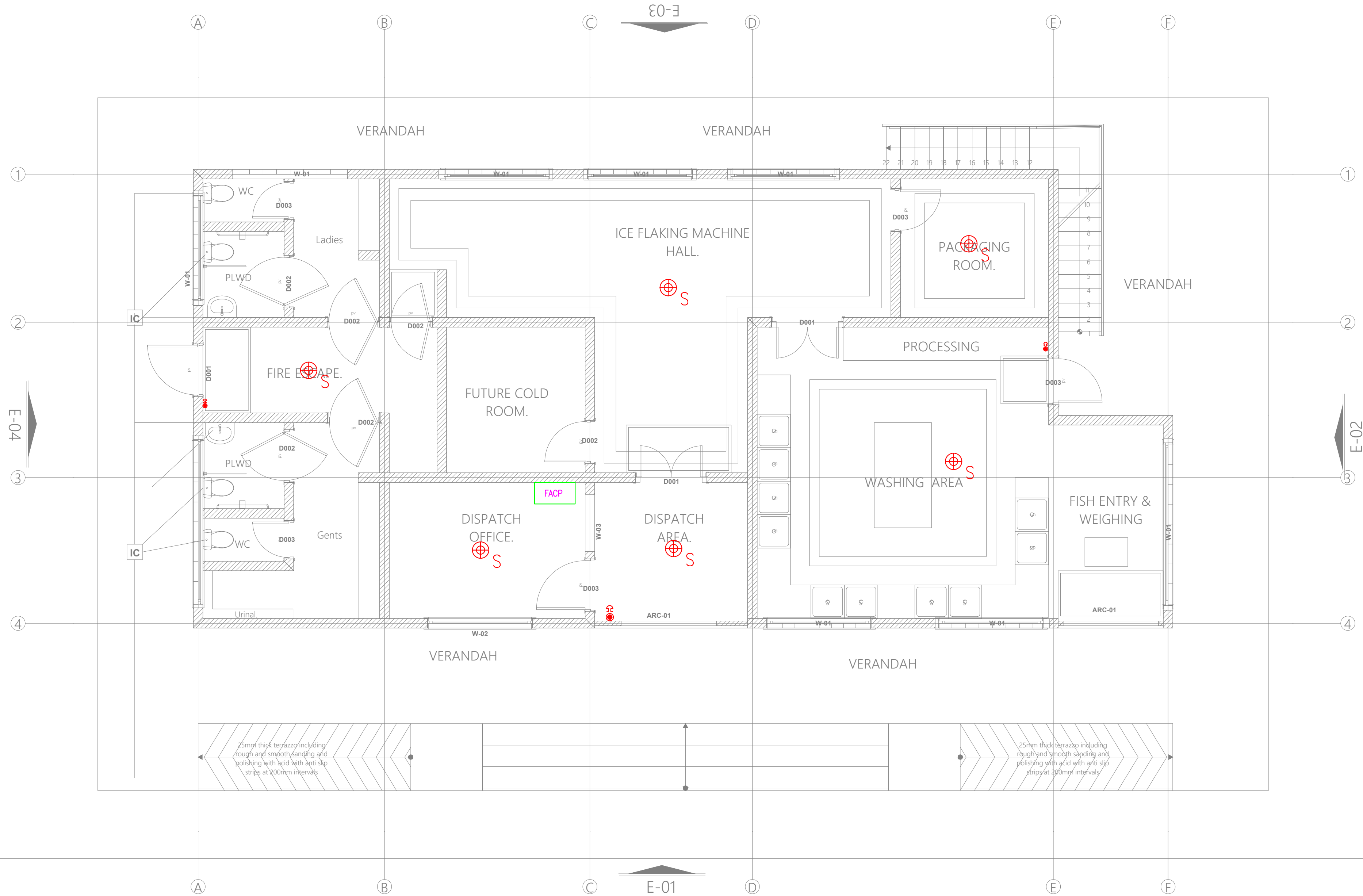
Dwg. No. **10- 003E- 032**

Scale: NTS

Drawn by Chek'd By

Project no.: Date:

10 14.01.2024





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NAIROBI, KENYA.

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

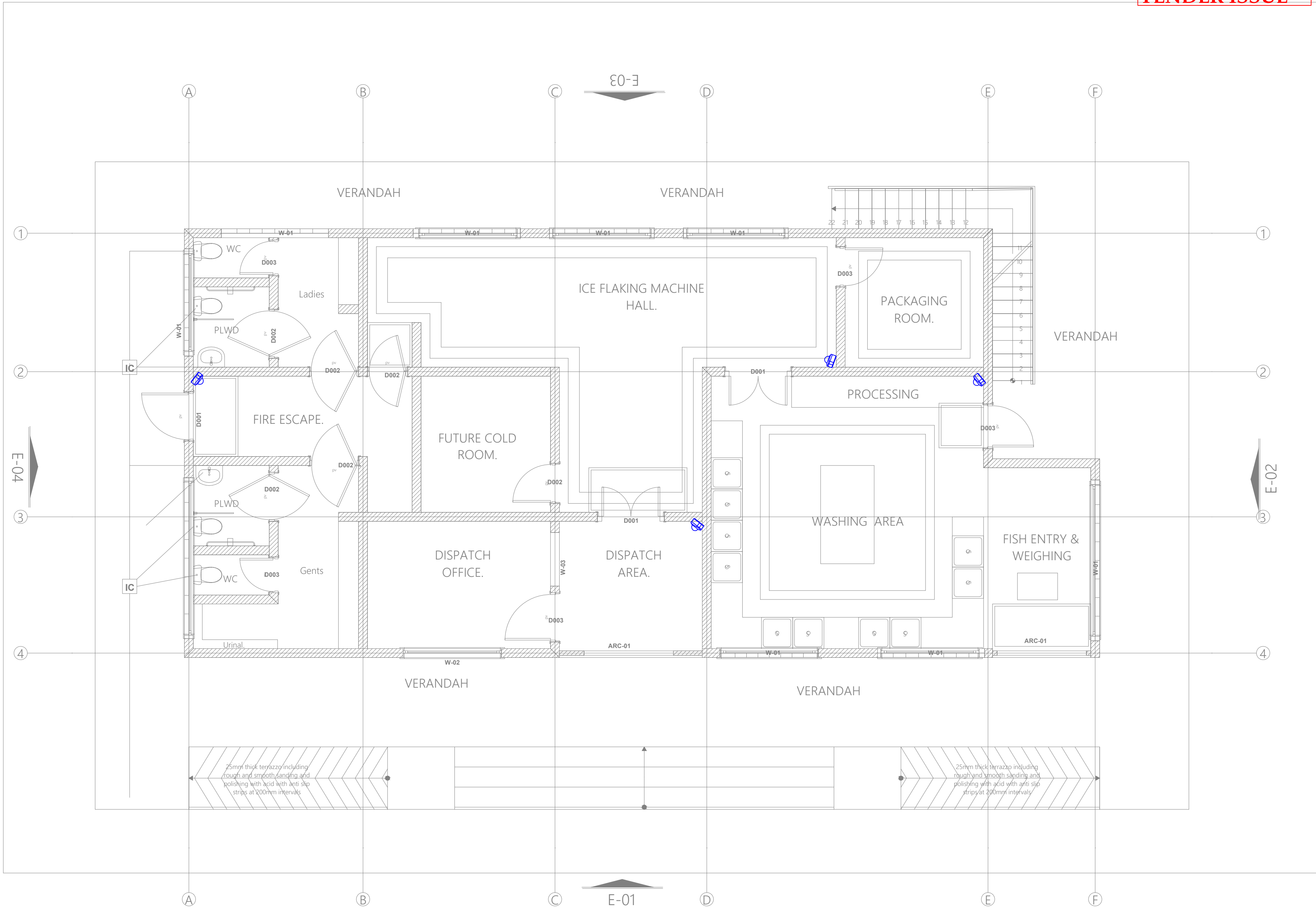
CLIENT'S SIGNATURE:

Sign:	
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DRAWING TITLE:

FISH BANDA GROUND
FLOOR CCTV LAYOUT

Dwg. No.	10- 003E- 033
Scale:	NTS
Drawn by	Chek'd By
Project no.:	Date:
10	14.01.2024



W-01

W-02



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NAIROBI. KENYA.

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

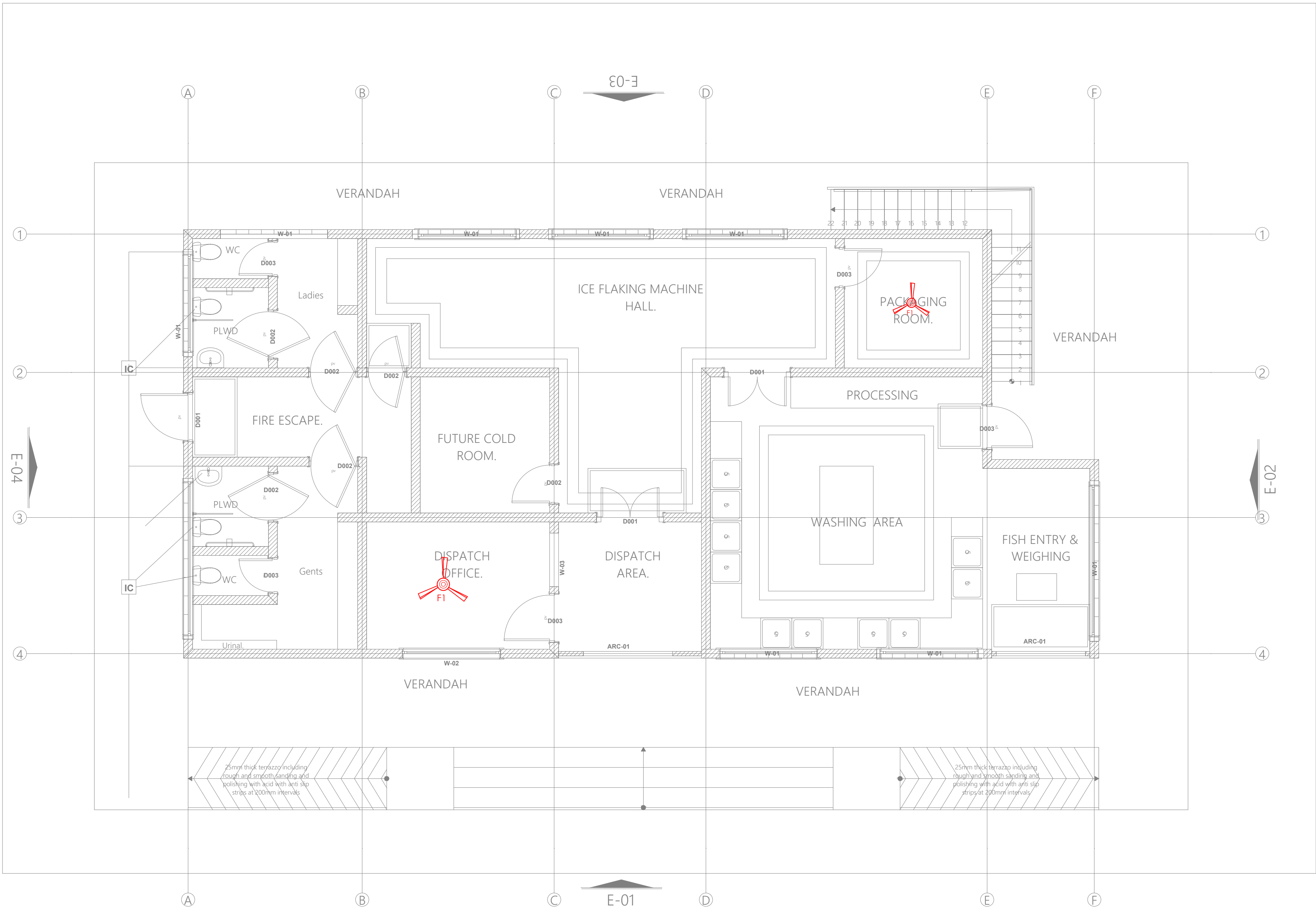
FISH BANDA GROUND
FLOOR FANS LAYOUT

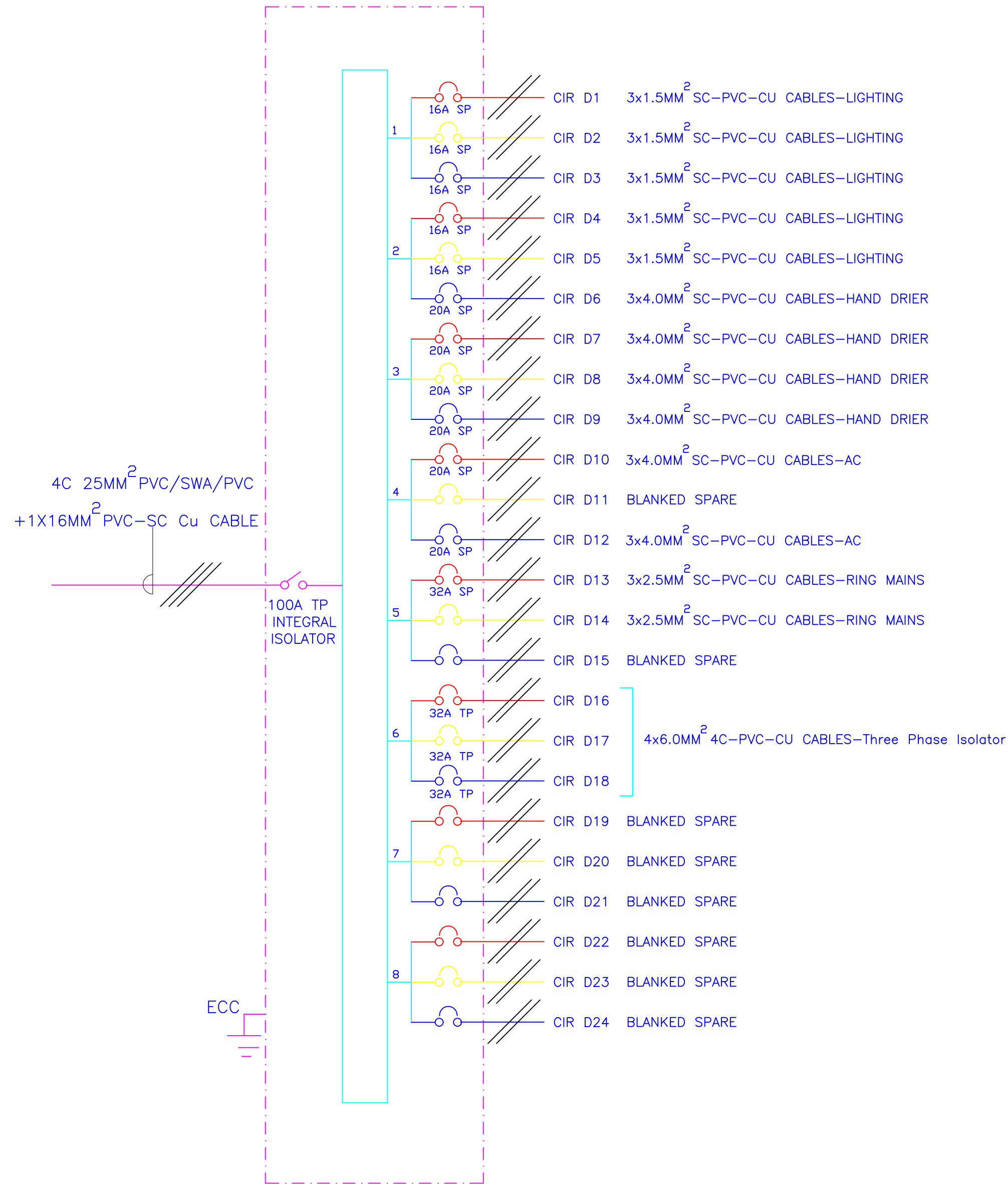
Dwg. No. 10- 003E- 034

Scale: NTS

Drawn by Chek'd By

Project no.: 10
Date: 14.01.2024





8- WAY 100A TPN DISTRIBUTION BOARD 'D' FOR
RAW POWER DISTRIBUTION ON GROUND FLOOR



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NAIROBI. KENYA.

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

FISH BANDA SCHEMATIC
LAYOUT

Dwg. No. **10- 003E- 035**

Scale: NTS

Drawn by Chek'd By

Project no.: Date:

10 14.01.2024

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

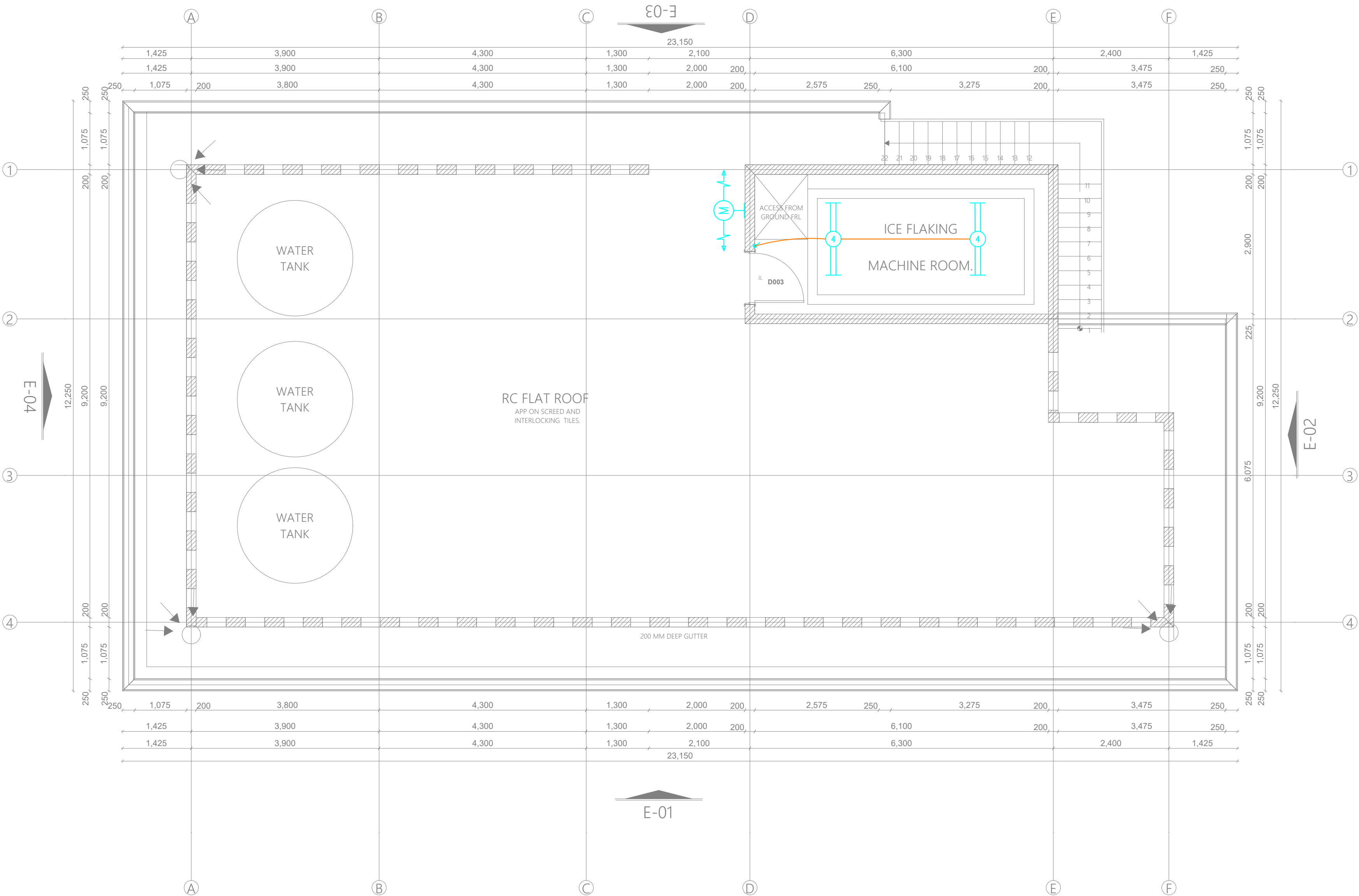
FISH BANDA FIRST FLOOR
LIGHTING LAYOUT

Dwg. No. **11- 003E- 036**

Scale: NTS

Drawn by Chek'd By

Project no.: 11 Date: 18.01.2024





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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH
LANDING SITE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

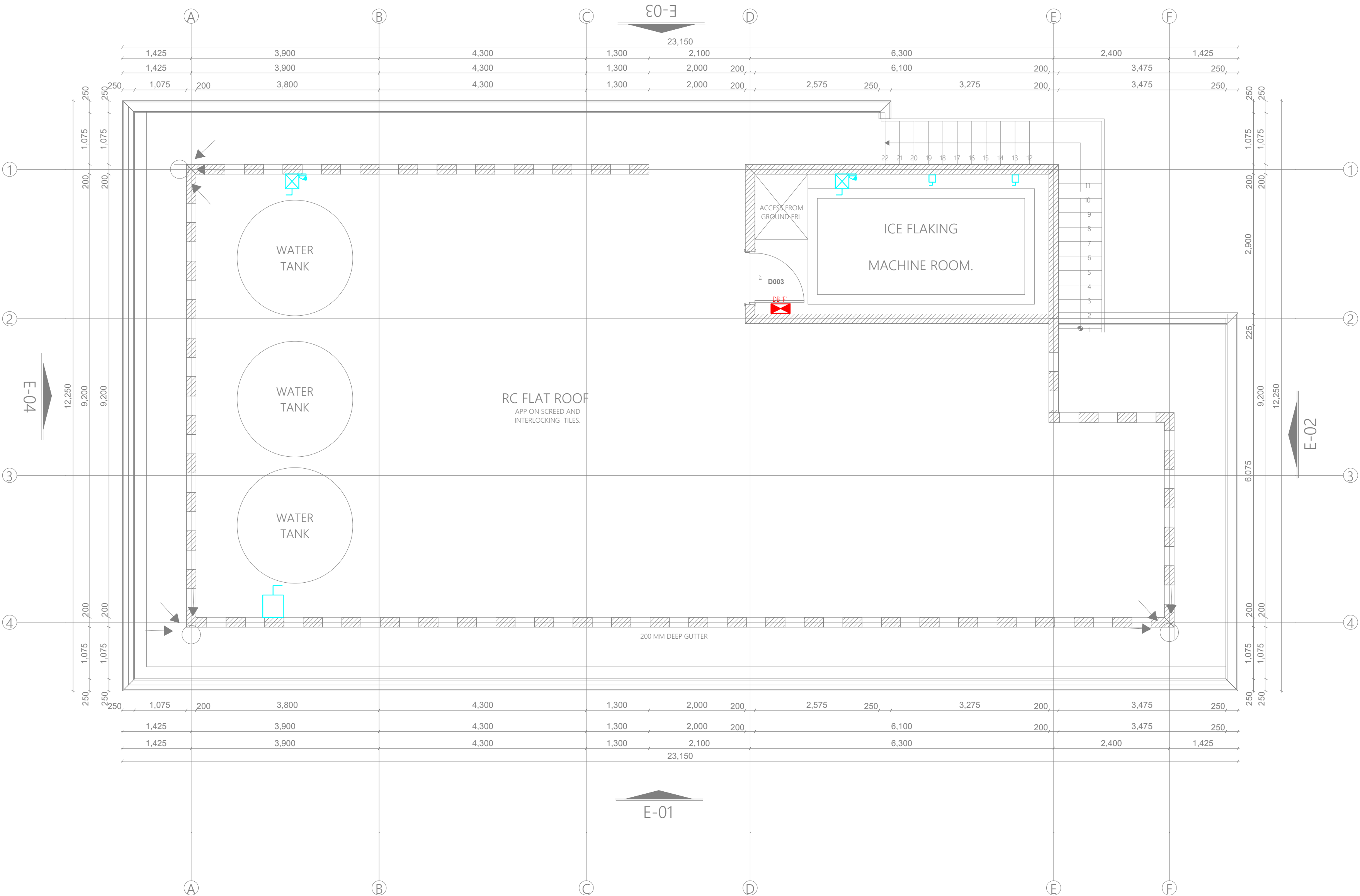
FISH BANDA FIRST FLOOR
POWER LAYOUT

Dwg. No. **10- 003E- 037**

Scale: NTS

Drawn by Chek'd By

Project no.: Date:
11 18.01.2024



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF FISH LANDING SITE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

FISH BANDA FIRST FLOOR FIRE ALARM LAYOUT

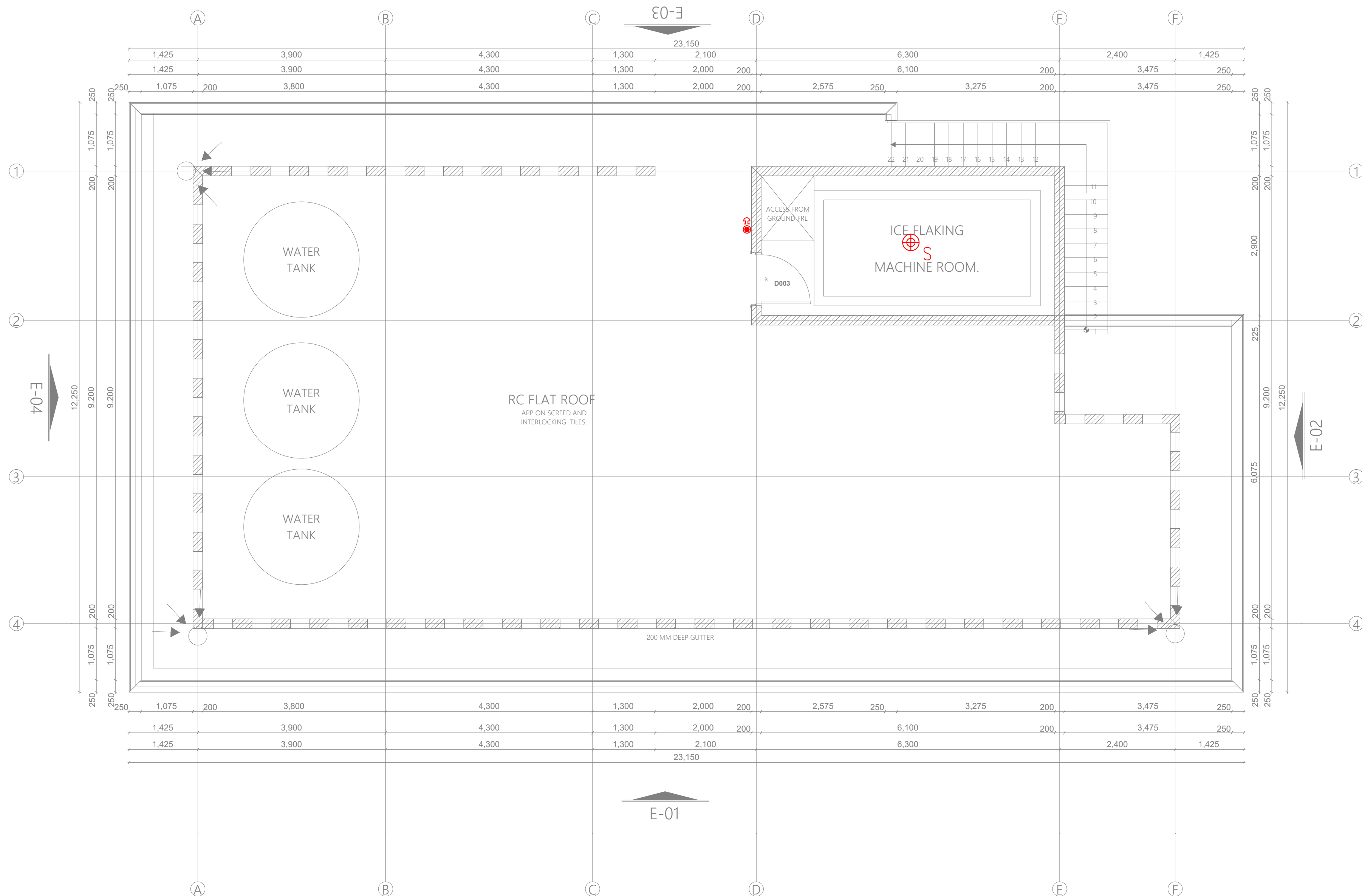
Dwg. No. **11- 003E- 038**

Scale:	NTS
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Drawn by		Chek'd By
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Project no.:	Date:
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11	18.01.2024
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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

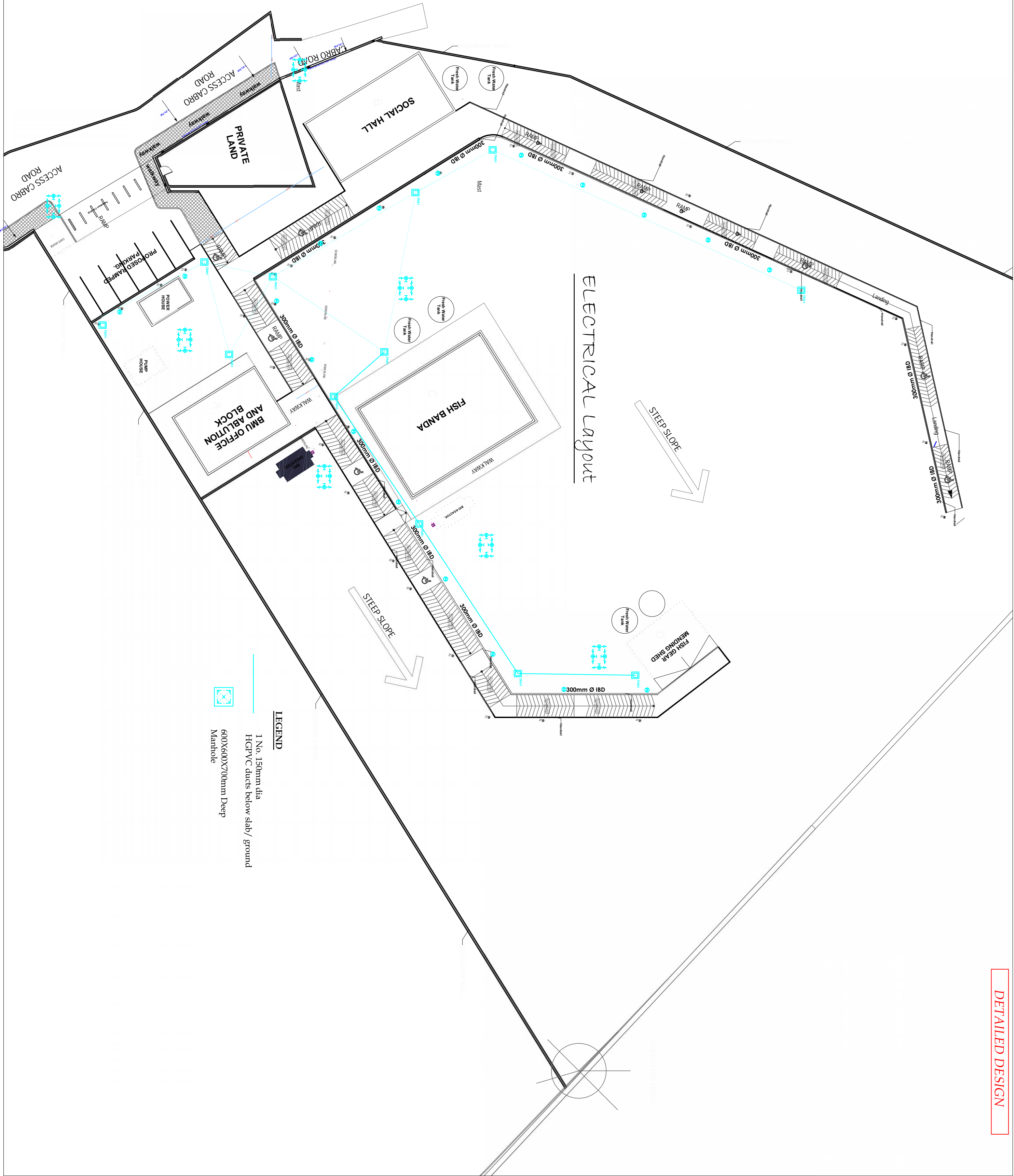
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SITE PLAN POWER
RETICULATION

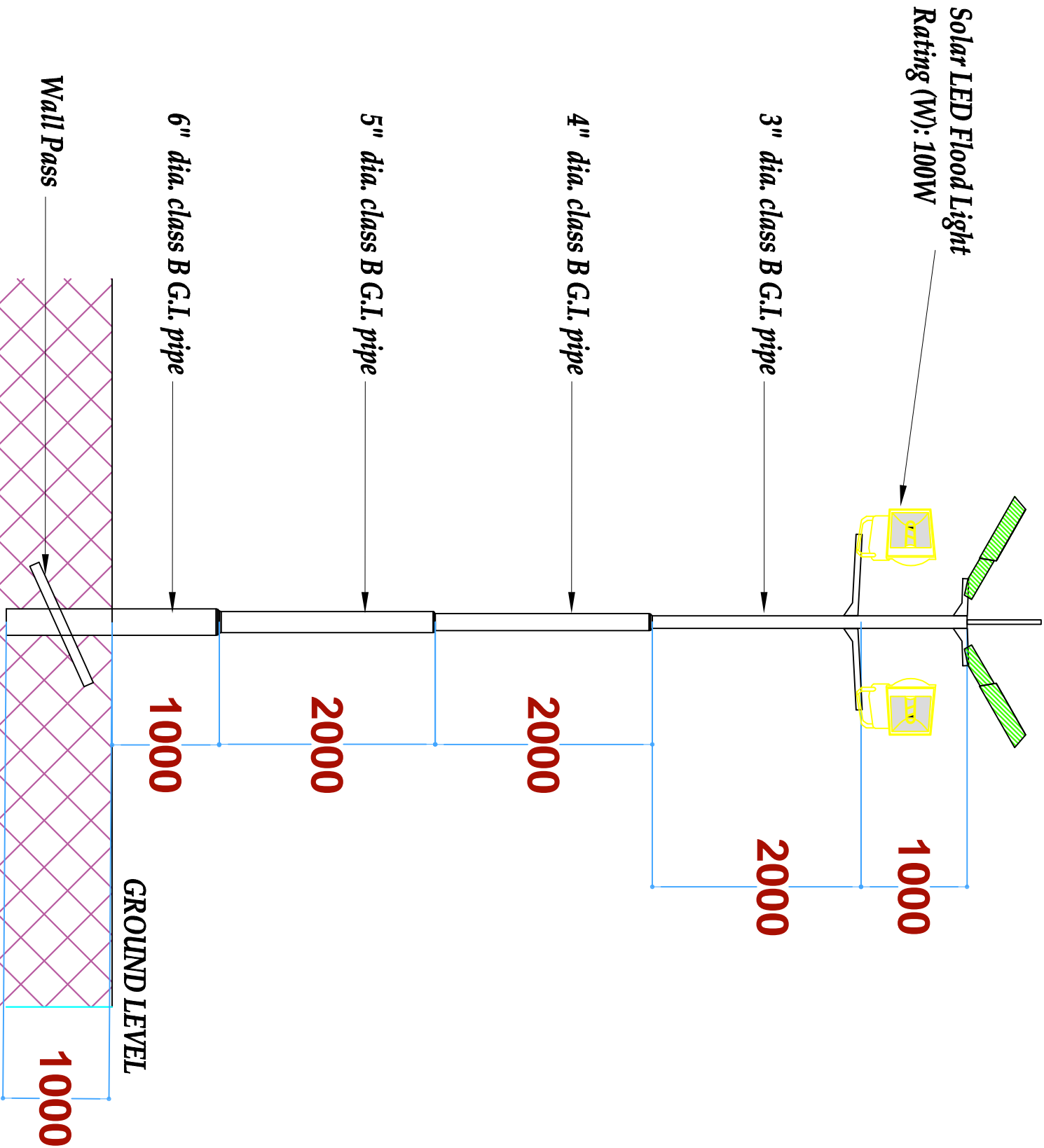
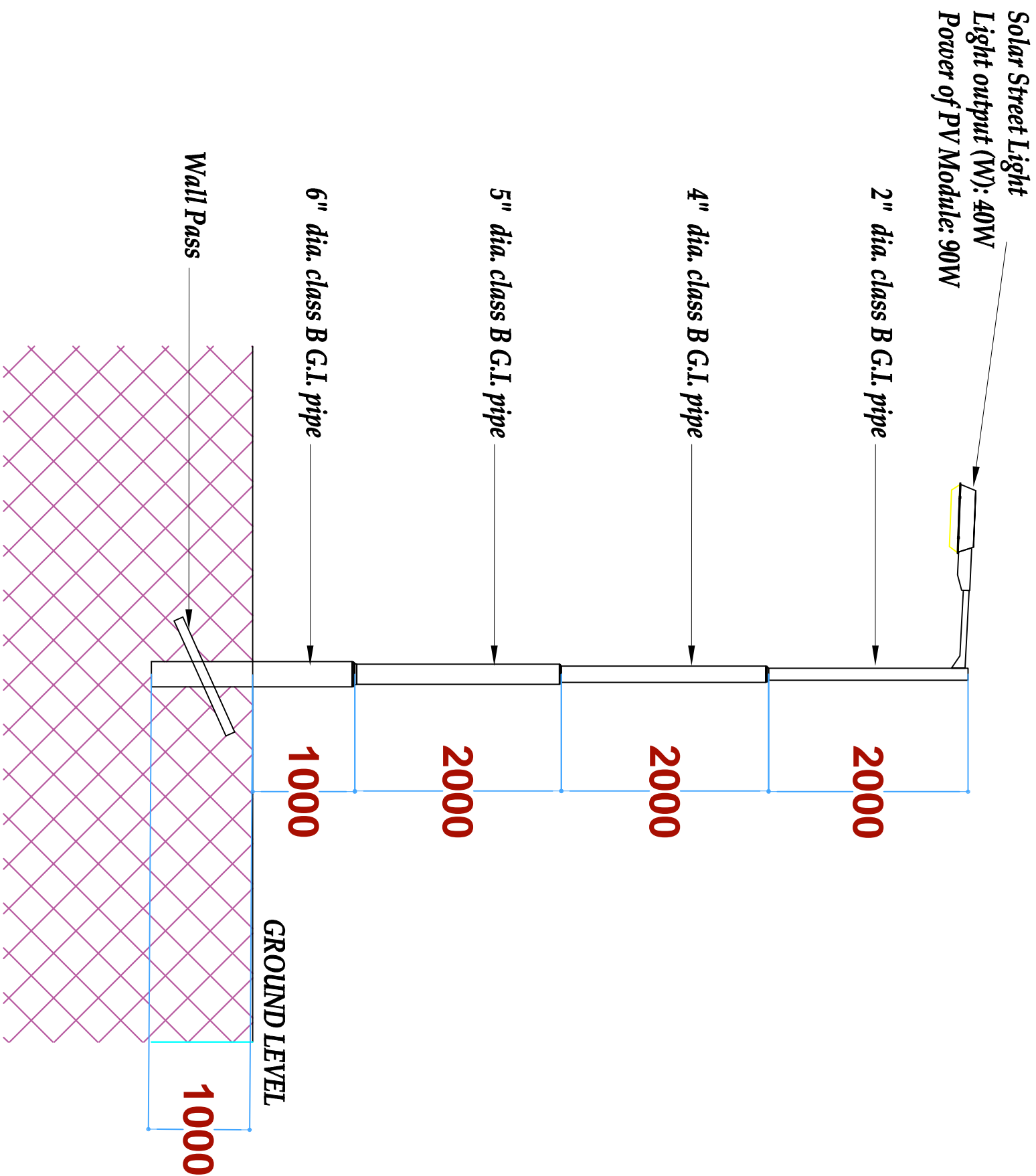
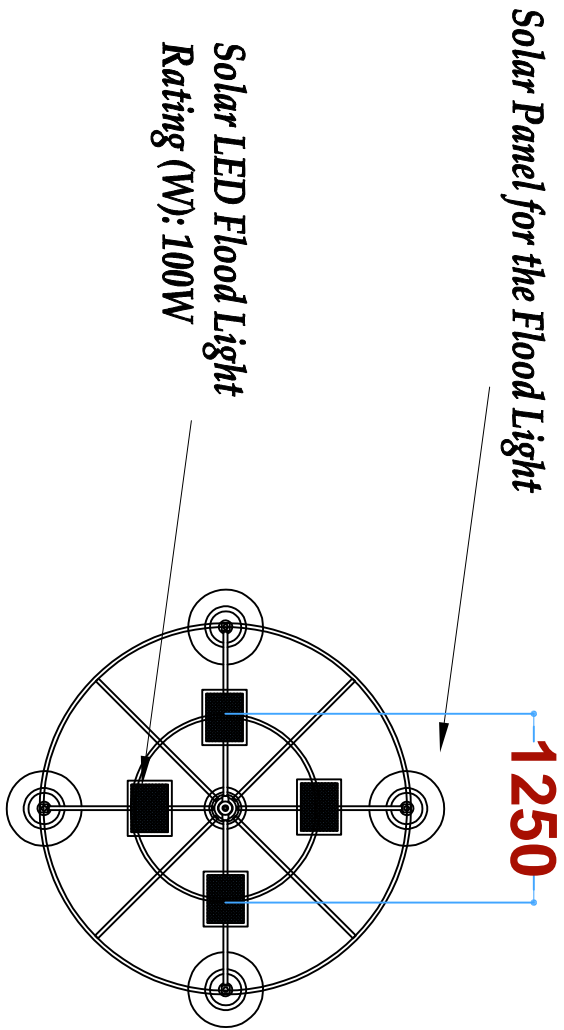
Dwg. No. **11-003E-039**

Scale: NTS

Drawn by **E.M.** Checked By **G.O.**

Project no.: Date:





STREET LIGHT DETAIL

TYPE M SOLAR
FLOOD LIGHT DETAIL



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NARODI, KENYA.

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
KIDONGO FISH LANDING SITE

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

STREET LIGHT DETAIL

Dwg. No. **11-003E-40**

Scale: NTS

Drawn by Check'd By

Project no.: Date:

11 09/01/2023

DRAWING TITLE: PROPOSED CONSTRUCTION OF OFFICE & RELATED INFRASTRUCTURE- KIDONGO

DRAWING NUMBER: 11-003M- 001

No.	DRAWING/ DOCUMENT TITLE	DRAWING NUMBER	DRAWING SHEET	DRAWING FORMAT	DOCUMENT STATUS
D	MECHANICAL ENGINEERING DRAWINGS				
1	LIST OF DRAWINGS	11- 003M- 001	A3	PDF	Provided
2	BMU / ABLUTION BLOCK GROUND FLOOR DRAINAGE	11- 003M- 002	A1	PDF/ DWG	Provided
3	BMU / ABLUTION BLOCK GROUND FLOOR WATER SUPPLY	11- 003M- 003	A1	PDF/ DWG	Provided
4	BMU / ABLUTION BLOCK FIRST FLOOR WATER SUPPLY	11- 003M- 004	A1	PDF/ DWG	Provided
5	BMU / ABLUTION BLOCK GROUND FLOOR STORM WATER DRAINAGE	11- 003M- 005	A1	PDF/ DWG	Provided
6	BMU / ABLUTION BLOCK FIRST FLOOR STORM WATER DRAINAGE	11- 003M- 006	A1	PDF/ DWG	Provided
7	SOCIAL HALL GROUND FLOOR DRAINAGE	11- 003M- 007	A1	PDF/ DWG	Provided
8	SOCIAL HALL GROUND FLOOR WATER SUPPLY	11- 003M- 008	A1	PDF/ DWG	Provided
9	SOCIAL HALL FIRST FLOOR WATER SUPPLY	11- 003M- 011	A1	PDF/ DWG	Provided
10	SOCIAL HALL GROUND FLOOR STORM WATER DRAINAGE	11- 003M- 010	A1	PDF/ DWG	Provided
11	SOCIAL HALL FIRST FLOOR STORM WATER DRAINAGE	11- 003M- 011	A1	PDF/ DWG	Provided
12	SITE PLAN WATER SUPPLY RETICULATION LAYOUT	11- 003M- 012	A1	PDF/ DWG	Provided
13	FISH MENDING GEAR DRAINAGE	11- 003M- 013	A1	PDF/ DWG	Provided
14	FISH MENDING GEAR WATER SUPPLY	11- 003M- 014	A1	PDF/ DWG	Provided
15	GUARD HOUSE GROUND FLOOR DRAINAGE	11- 003M- 015	A1	PDF/ DWG	Provided
16	GUARD HOUSE GROUND FLOOR WATER SUPPLY	11- 003M- 016	A1	PDF/ DWG	Provided
17	GUARD HOUSE FIRST FLOOR WATER SUPPLY	11- 003M- 017	A1	PDF/ DWG	Provided
18	GUARD HOUSE GROUND FLOOR STORM WATER DRAINAGE	11- 003M- 018	A1	PDF/ DWG	Provided
19	GUARD HOUSE FIRST FLOOR STORM WATER DRAINAGE	11- 003M- 019	A2	PDF/ DWG	Provided
20	FISH BANDA GROUND FLOOR DRAINAGE	11- 003M- 020	A2	PDF/ DWG	Provided
21	FISH BANDA GROUND FLOOR WATER SUPPLY	11- 003M- 021	A2	PDF/ DWG	Provided
22	FISH BANDA FIRST FLOOR WATER SUPPLY	11- 003M- 022	A2	PDF/ DWG	Provided



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NAIROBI, KENYA.

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign: _____

DRAWING TITLE:

**BMU OFFICE / ABLUTION
GROUND FLOOR DRAINAGE**

Dwg. No. **11-003M-002**

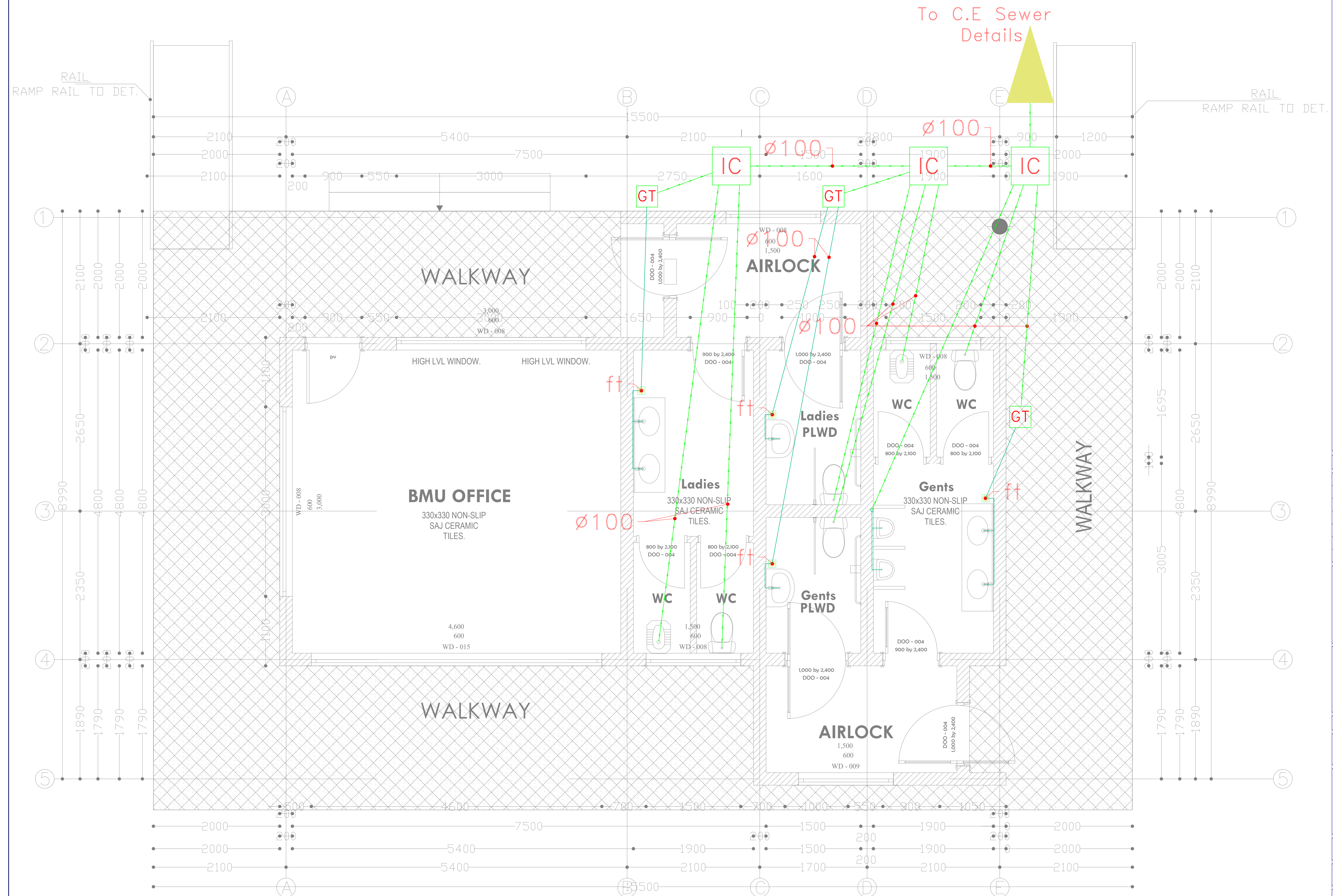
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Drawn by **E.M.** Chk'd By **G.O.**

Project no.: _____ Date: _____

P.2103

14.01.2024





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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign: _____

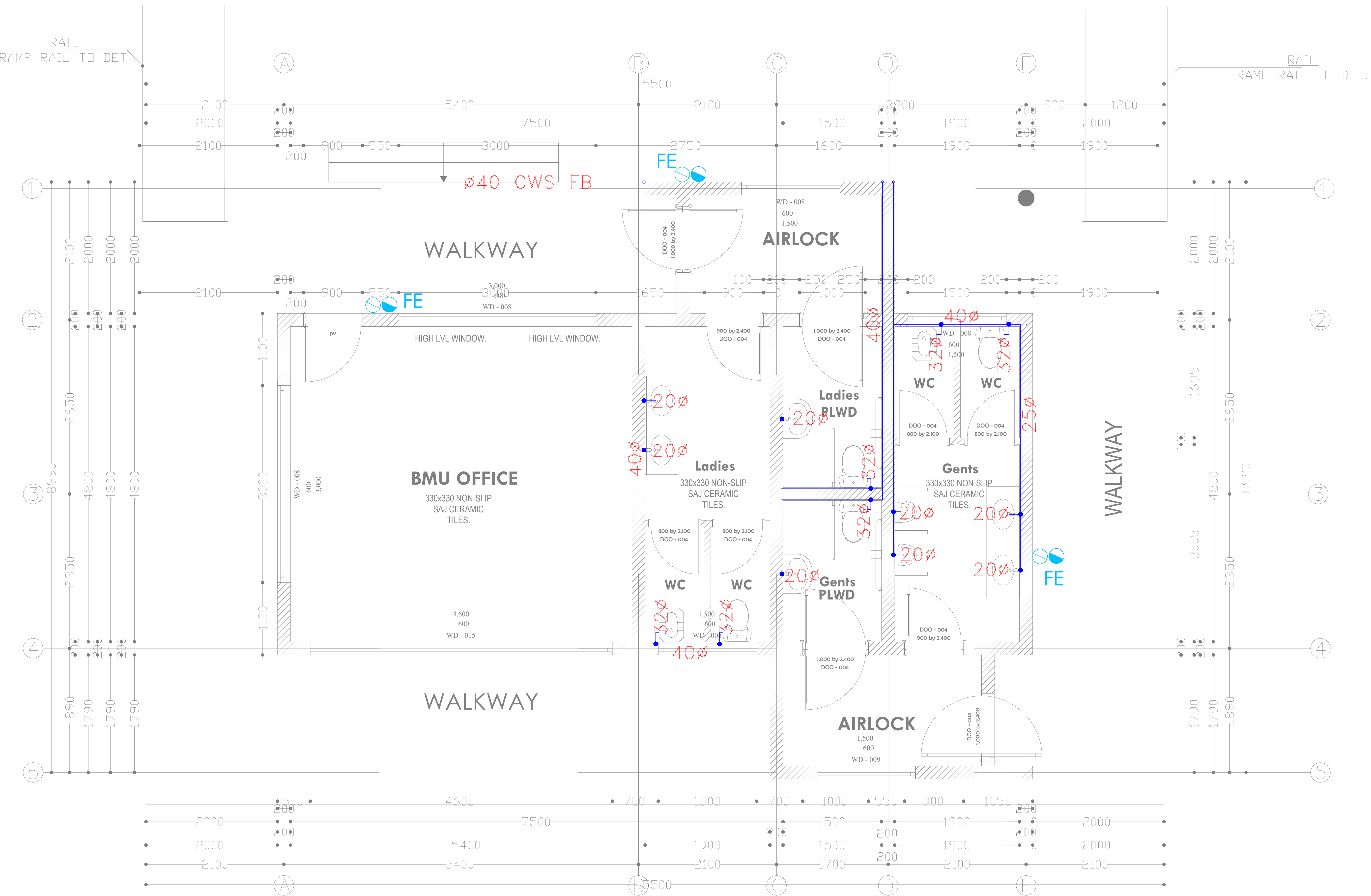
DRAWING TITLE:
BMU OFFICE/ ABLUTION
GROUND FLOOR WATER
SUPPLY

Dwg. No. **11-003M-003**

Scale: NTS

Drawn by **E.M.** Chk'd By **G.O.**

Project no.: _____ Date: _____
P.2103 14.01.2024





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NAIROBI, KENYA.

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

**BMU OFFICE / ABLUTION
BLOCK FLOOR WATER
SUPPLY**

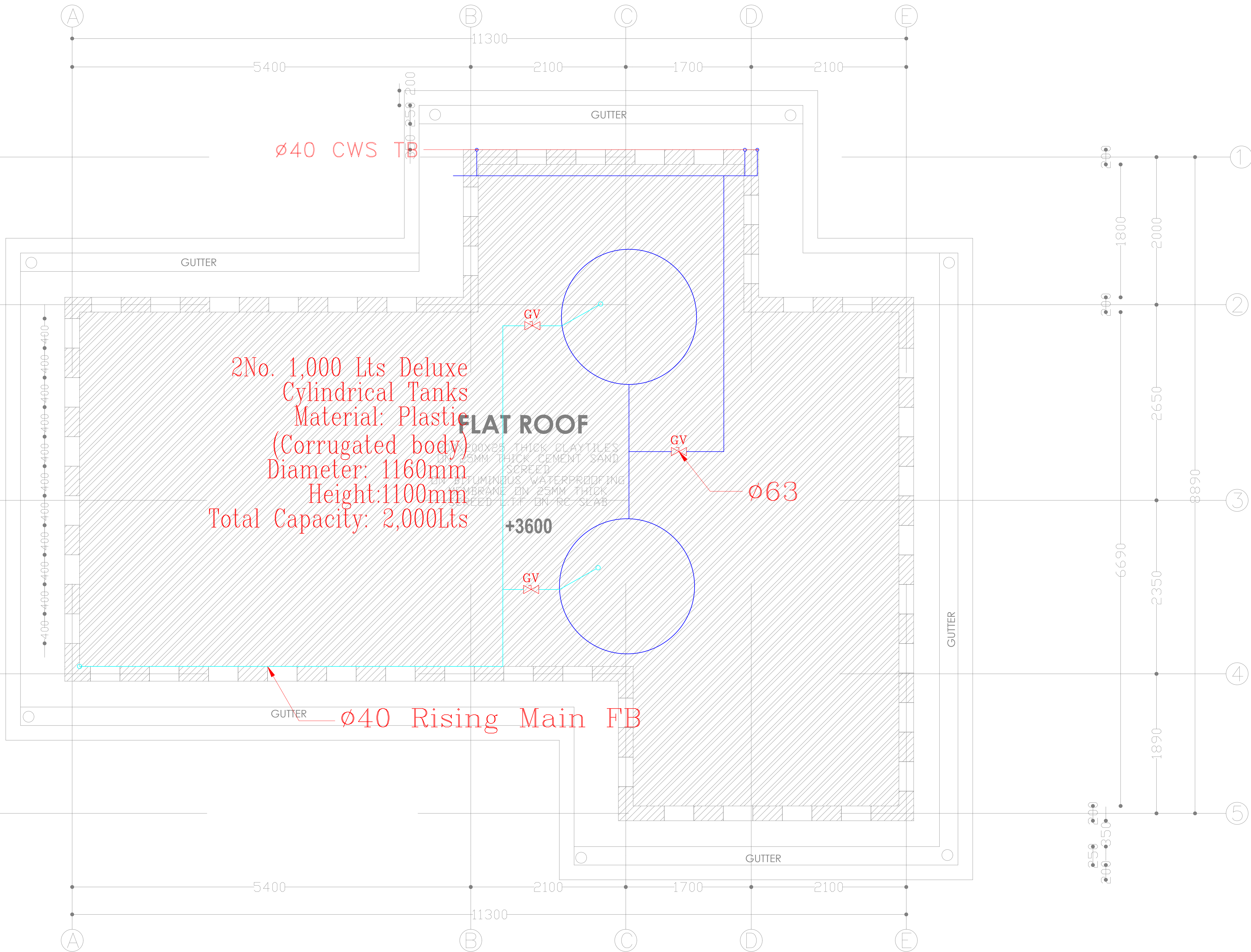
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Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.: Date:

P.2103 14.01.2024





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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign: _____

DRAWING TITLE:

**BMU OFFICE / ABLUTION
BLOCK GROUND FLOOR
STORM WATER DRAINAGE**

Dwg. No. **11-003M-005**

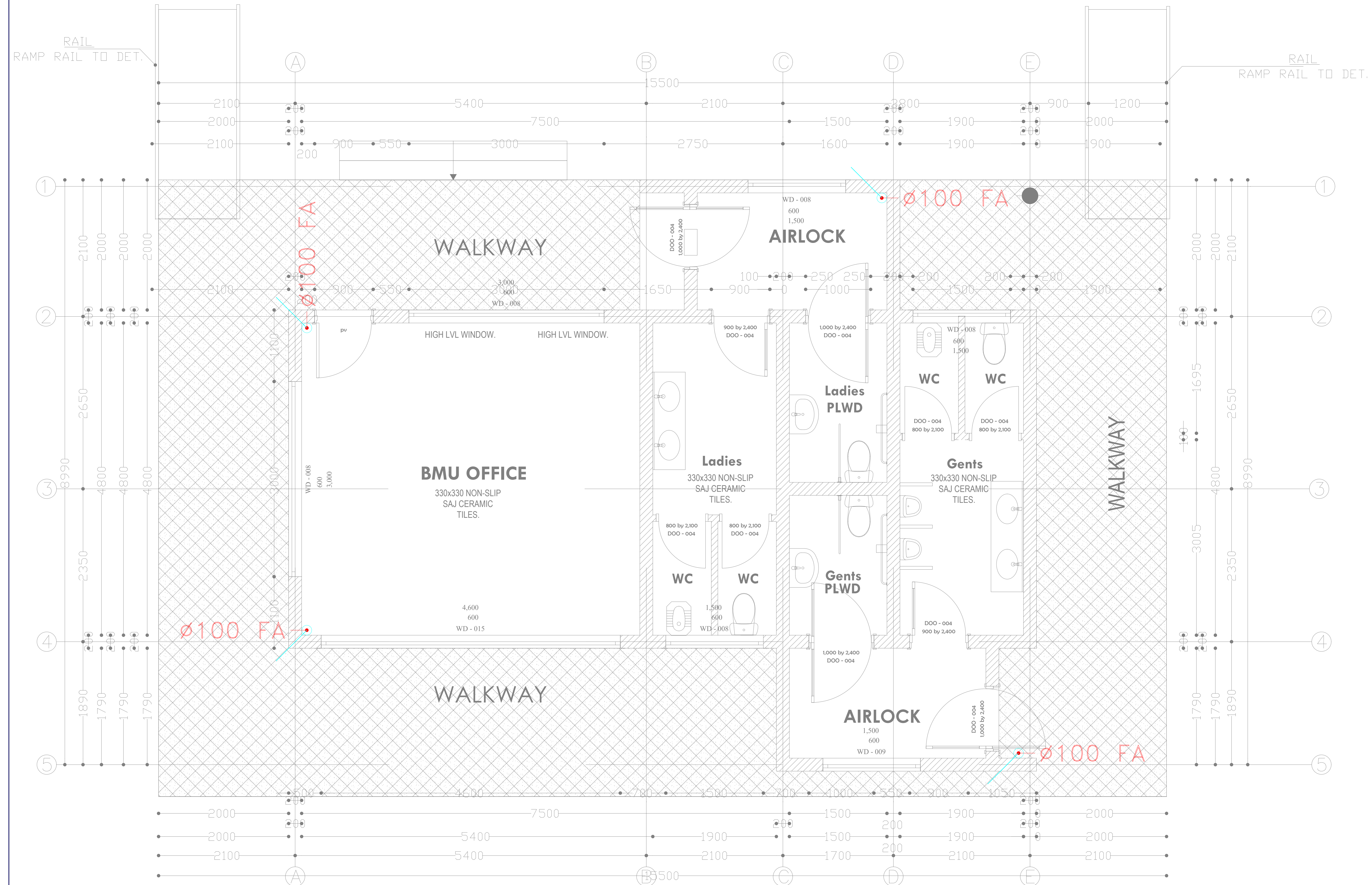
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P.2103

14.01.2024





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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

BMU OFFICE / ABLUTION
BLOCK FIRST FLOOR STROM
WATER DRAINAGE

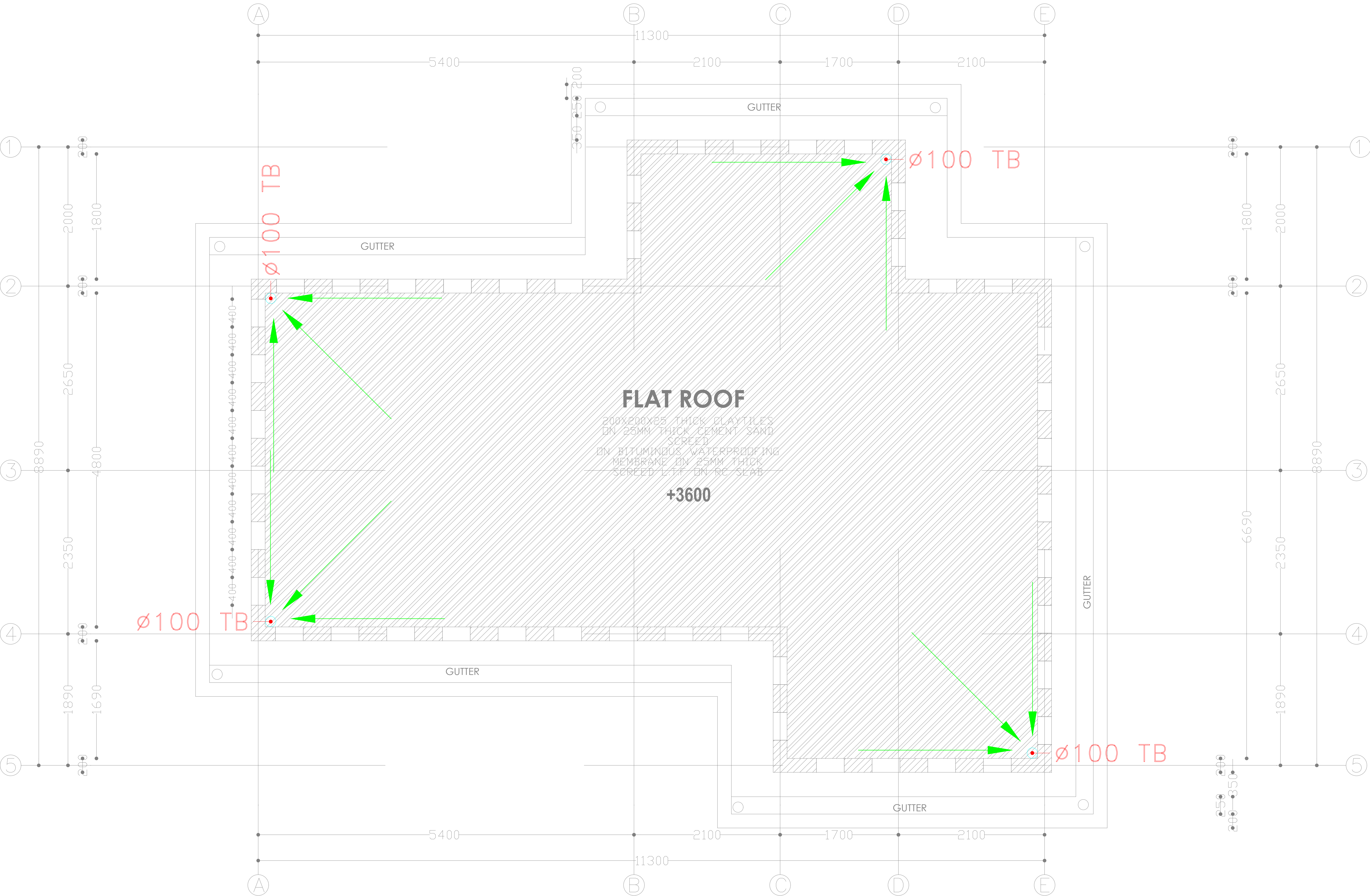
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Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.: Date:

P.2103 14.01.2024





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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF RESOURCE CENTER & RELATED INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:
SOCIAL HALL GROUND
FLOOR DRAINAGE

Dwg. No.	11-003M-007
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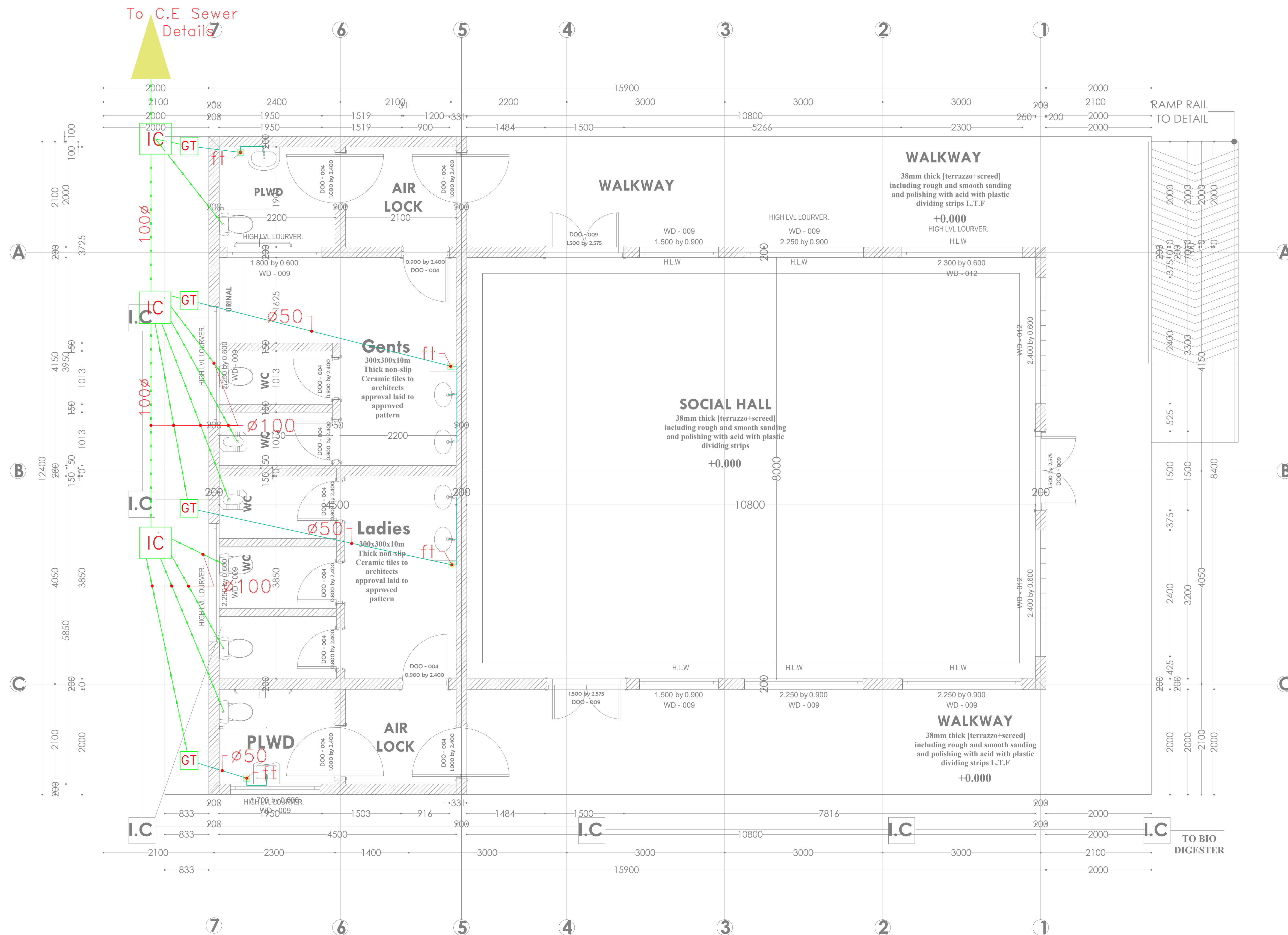
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Drawn by	E.M.	Chek'd By	G.O.
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Project no.:	Date:
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P.2103

14.01.2024





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REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign: _____

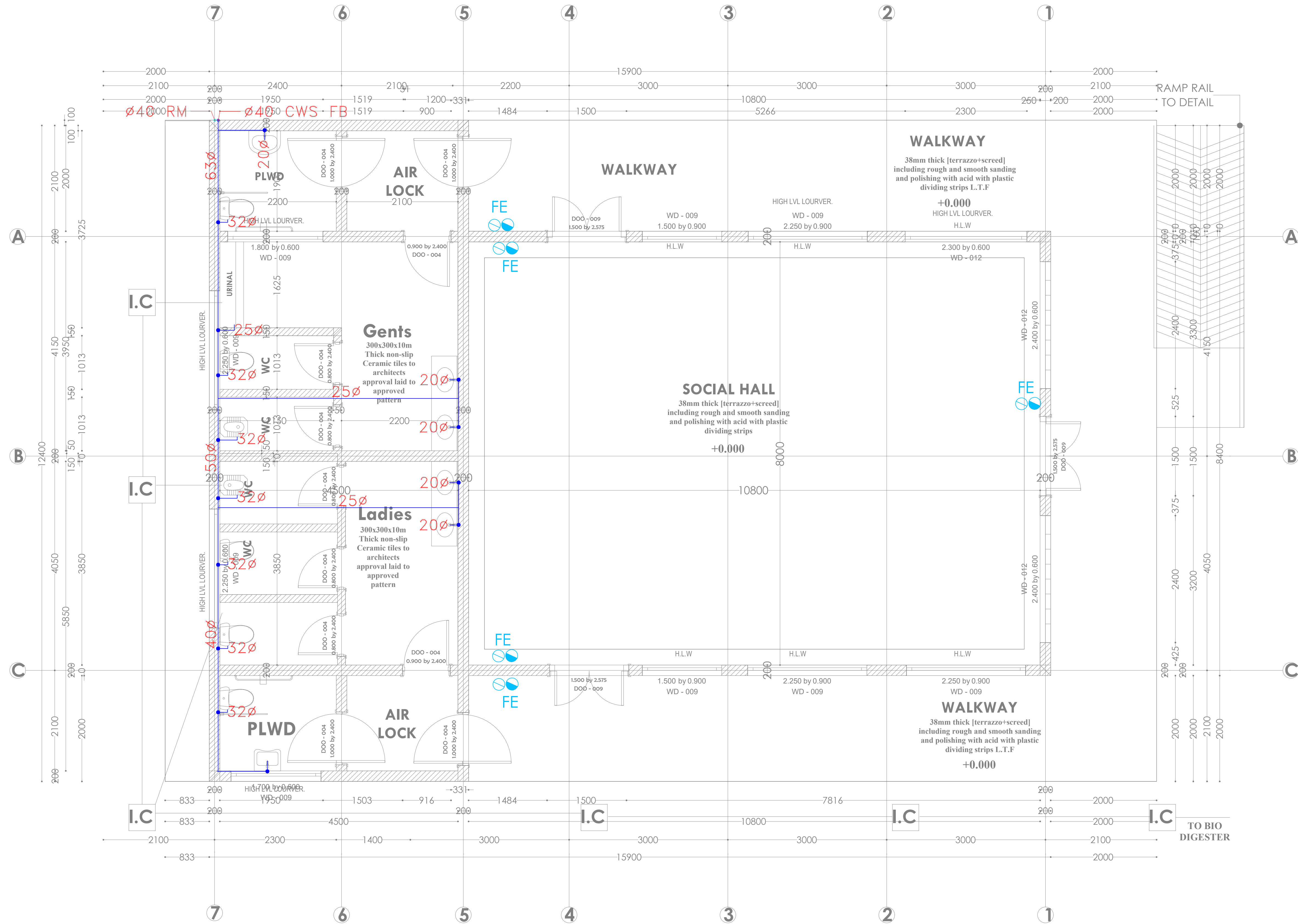
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**SOCIAL HALL GROUND
FLOOR WATER SUPPLY**

Dwg. No. **11-003M-008**

Scale: NTS

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Project no.: _____ Date: _____
P.2103 14.01.2024





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PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:
**SOCIAL HALL GROUND
FLOOR DRAINAGE**

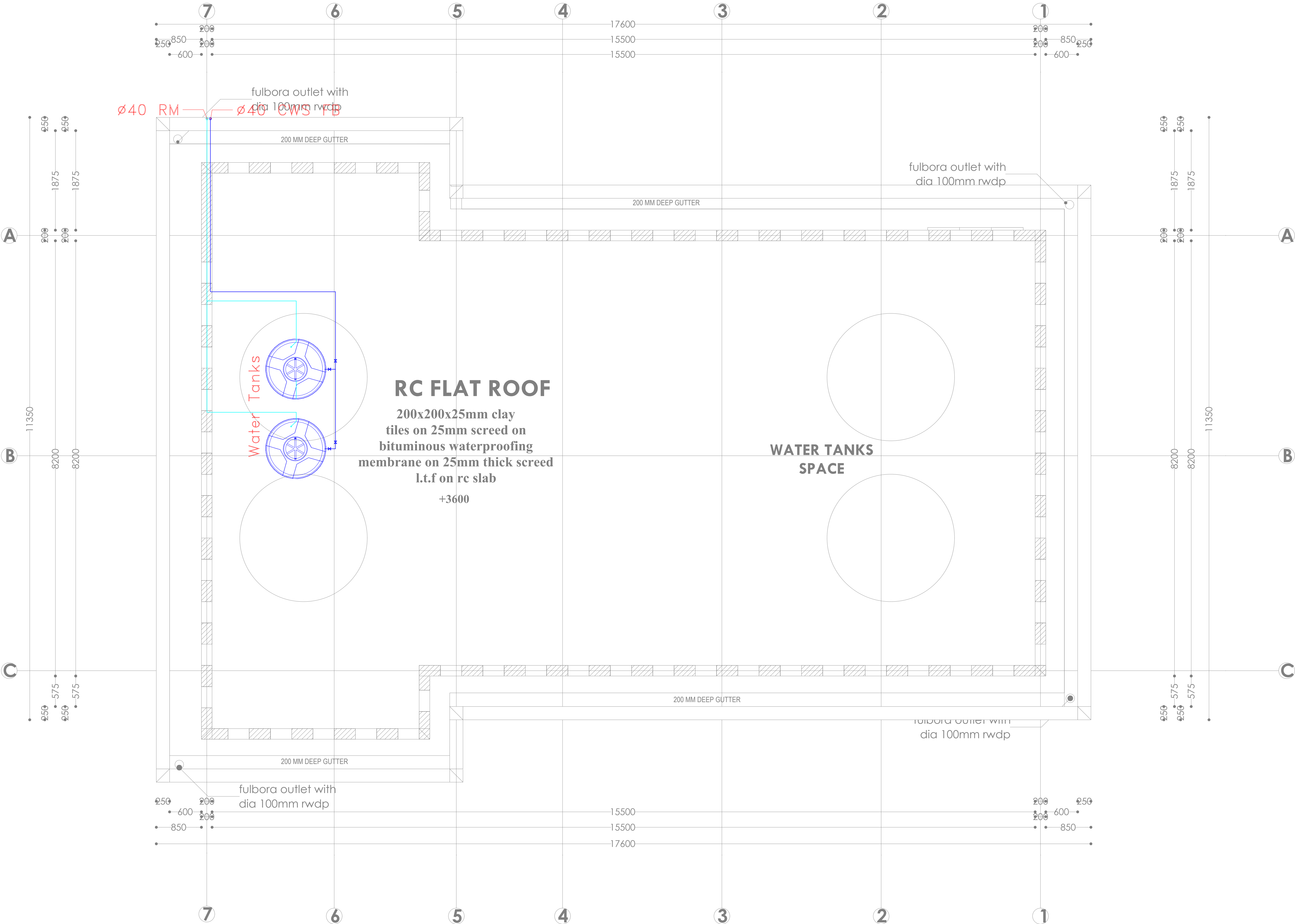
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Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.: Date:

P.2103 14.01.2024





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PROPOSED CONSTRUCTION OF
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INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:
**SOCIAL HALL GROUND
FLOOR STORM WATER
DRAINAGE**

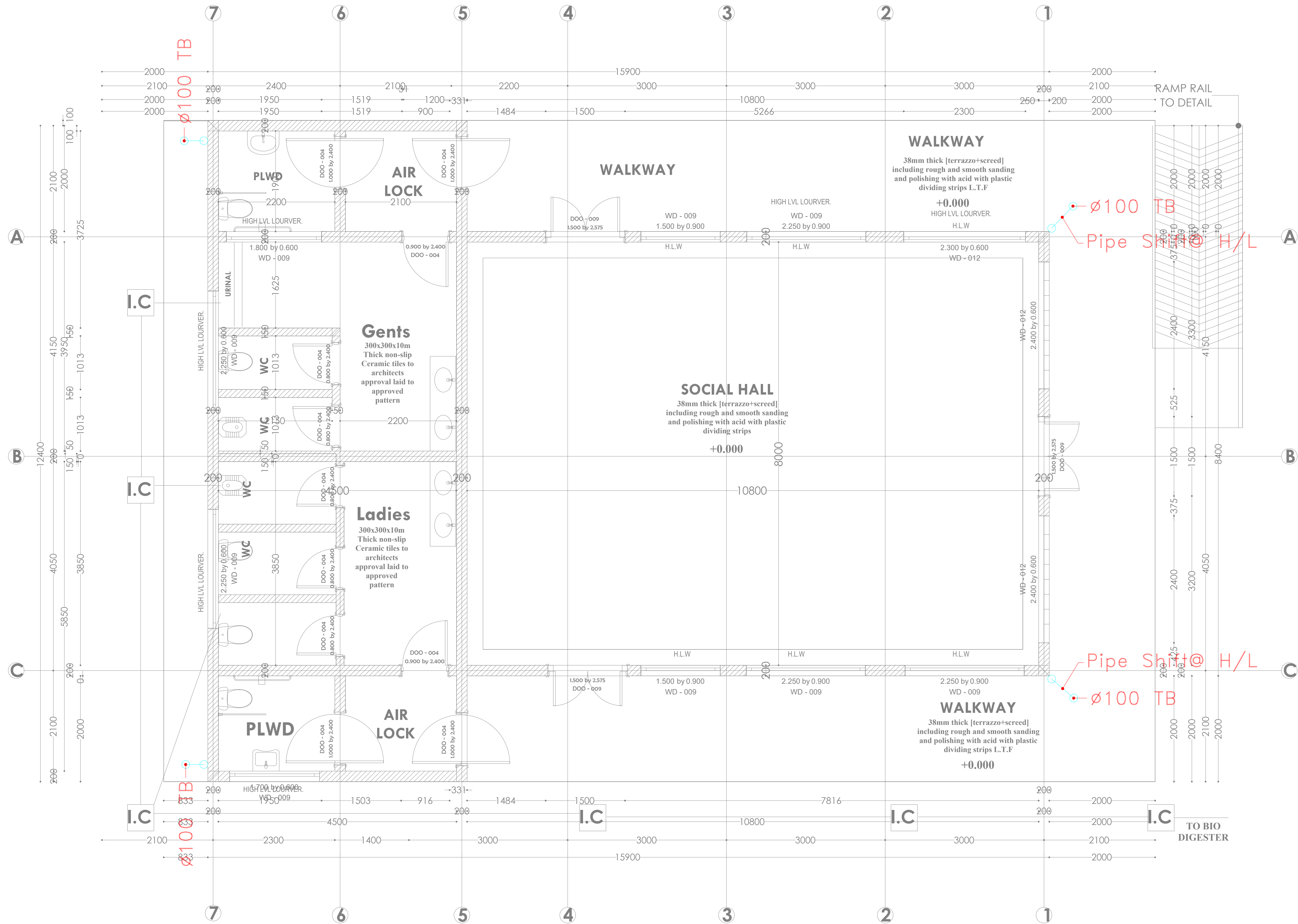
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Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.: Date:

P.2103 14.01.2024





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PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

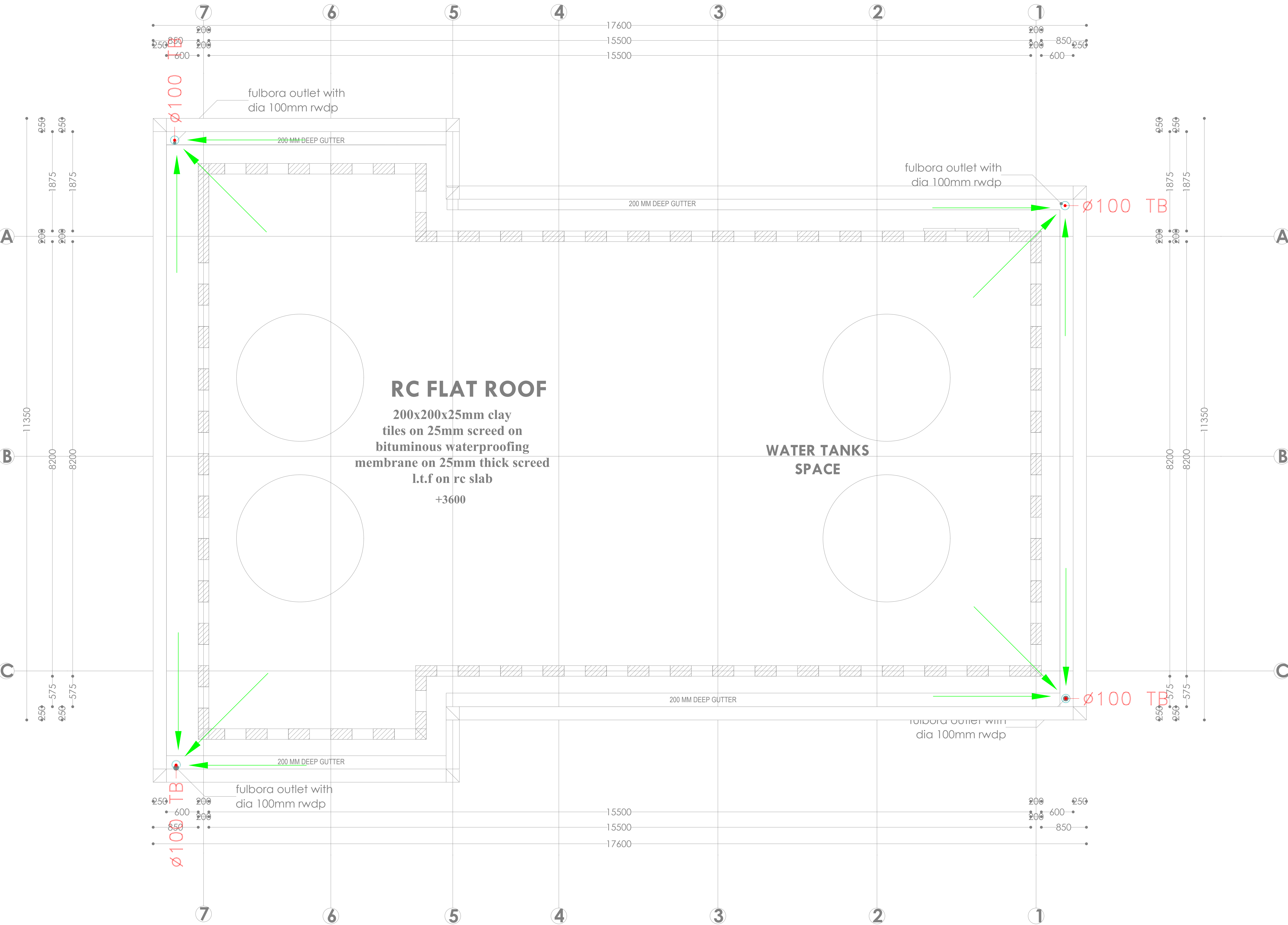
SOCIAL HALL FIRST FLOOR
DRAINAGE

Dwg. No. **11-003M-011**

Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.: Date:
P.2103 14.01.2024





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PROPOSED CONSTRUCTION OF
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INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Signt:

DRAWING TITLE:
**SITE PLAN WATER SUPPLY
RETICULATION**

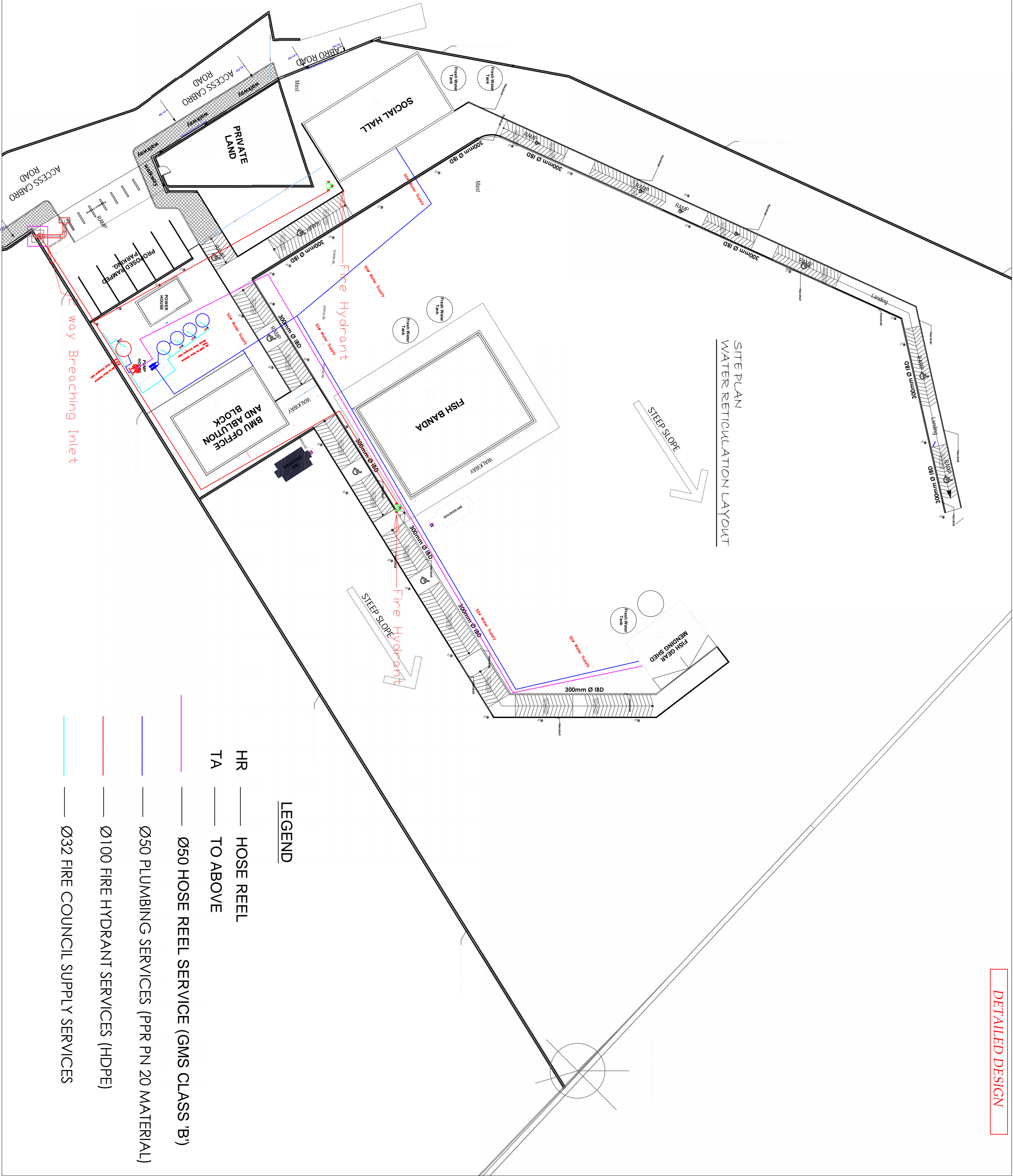
Dwg. No. **11-003M-012**

Scale: NTS

Drawn by **E.M.** Chkd by **G.O.**

Project no.: Date:

P.2103 14.01.2024





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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

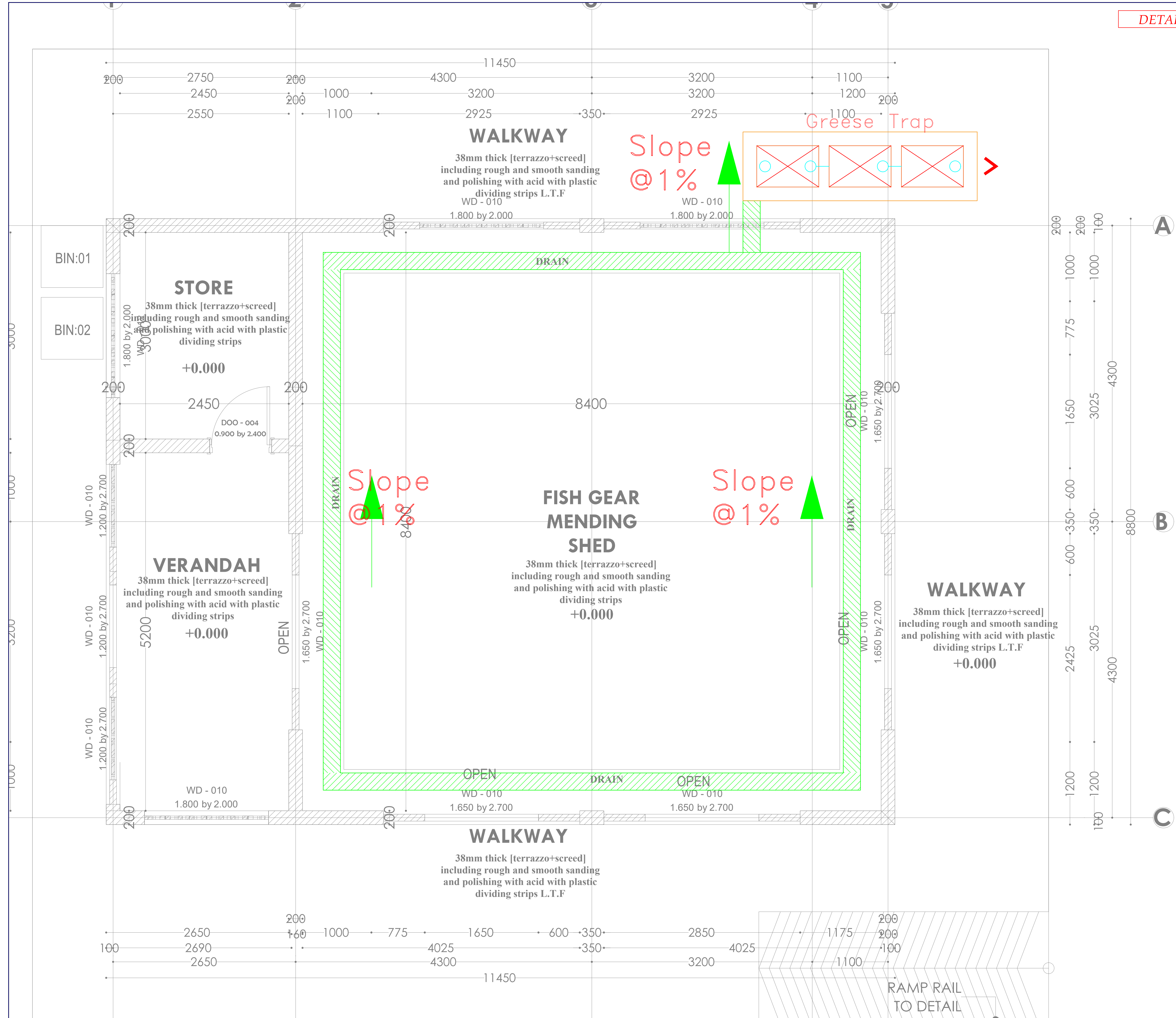
FISH MENDING GEAR
GROUND FLOOR DRAINAGE

Dwg. No. **11-003M-013**

Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.: Date: 14.01.2024



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

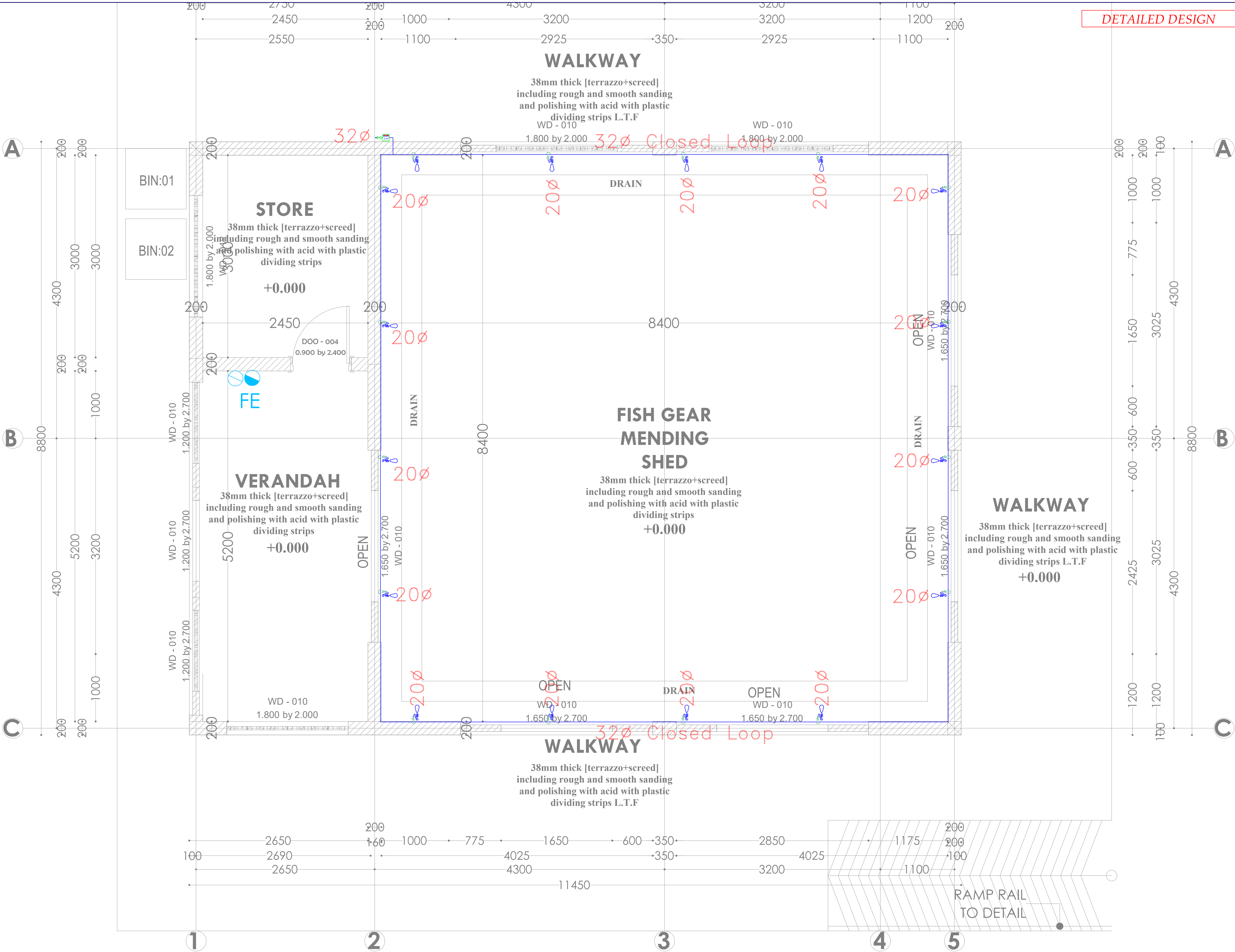
DRAWING TITLE:
FISH MENDING GEAR
WATER SUPPLY

Dwg. No. **11-003M-014**

Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.:	Date:
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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

**GUARD HOUSE GROUND
FLOOR DRAINAGE**

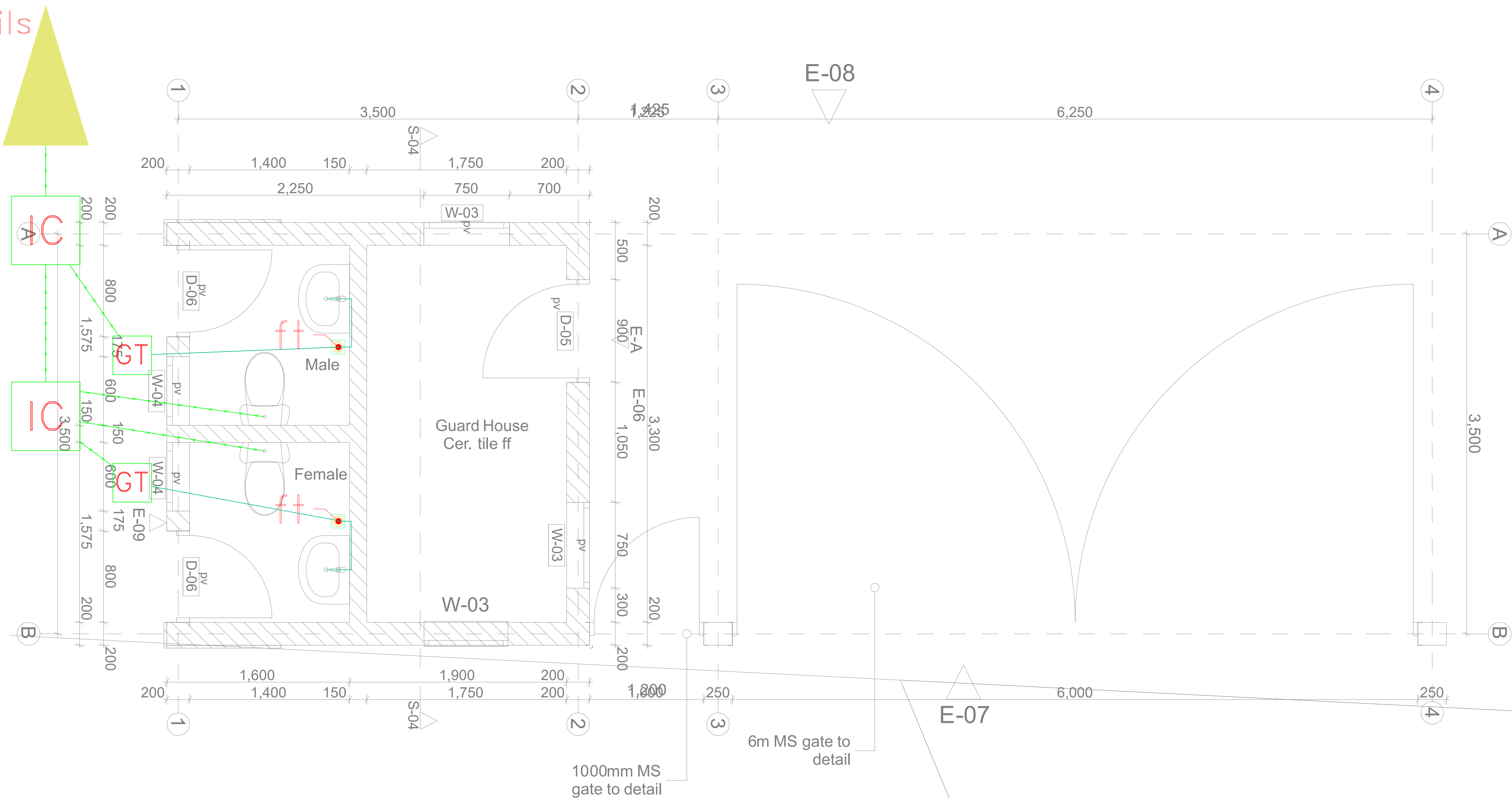
Dwg. No. **11-003M-015**

Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.:	Date:
P.2103	14.01.2024

To C.E Sewer
Details



GUARD HOUSE A- PLAN 1:50



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

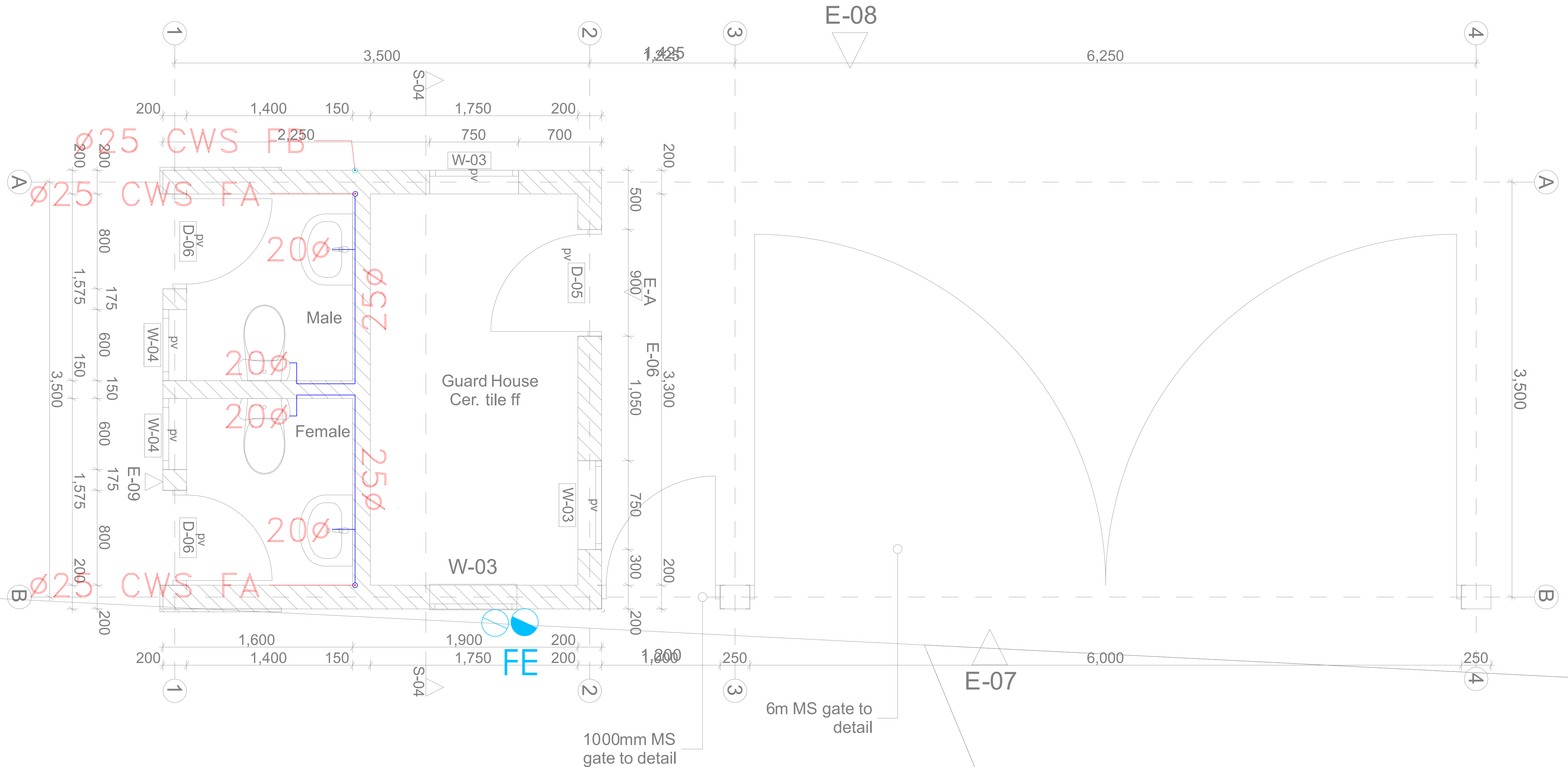
**GUARD HOUSE GROUND
FLOOR WATER SUPPLY**

Dwg. No. **11-003M-016**

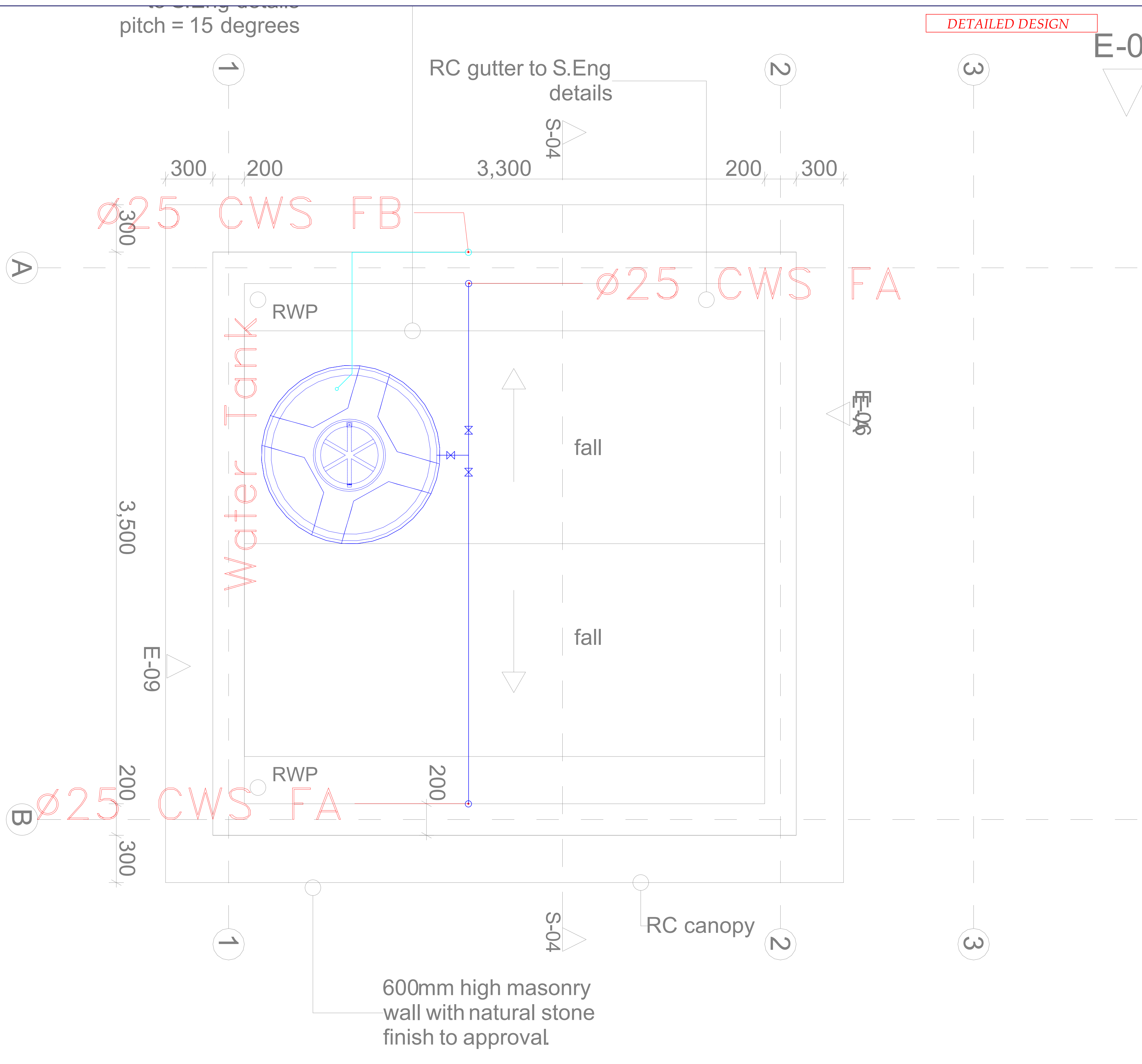
Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.:	Date:
P.2103	14.01.2024



GUARD HOUSE A- PLAN 1:50



DETAILED DESIGN

E-08

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

**GUARD HOUSE FIRST
FLOOR WATER SUPPLY**

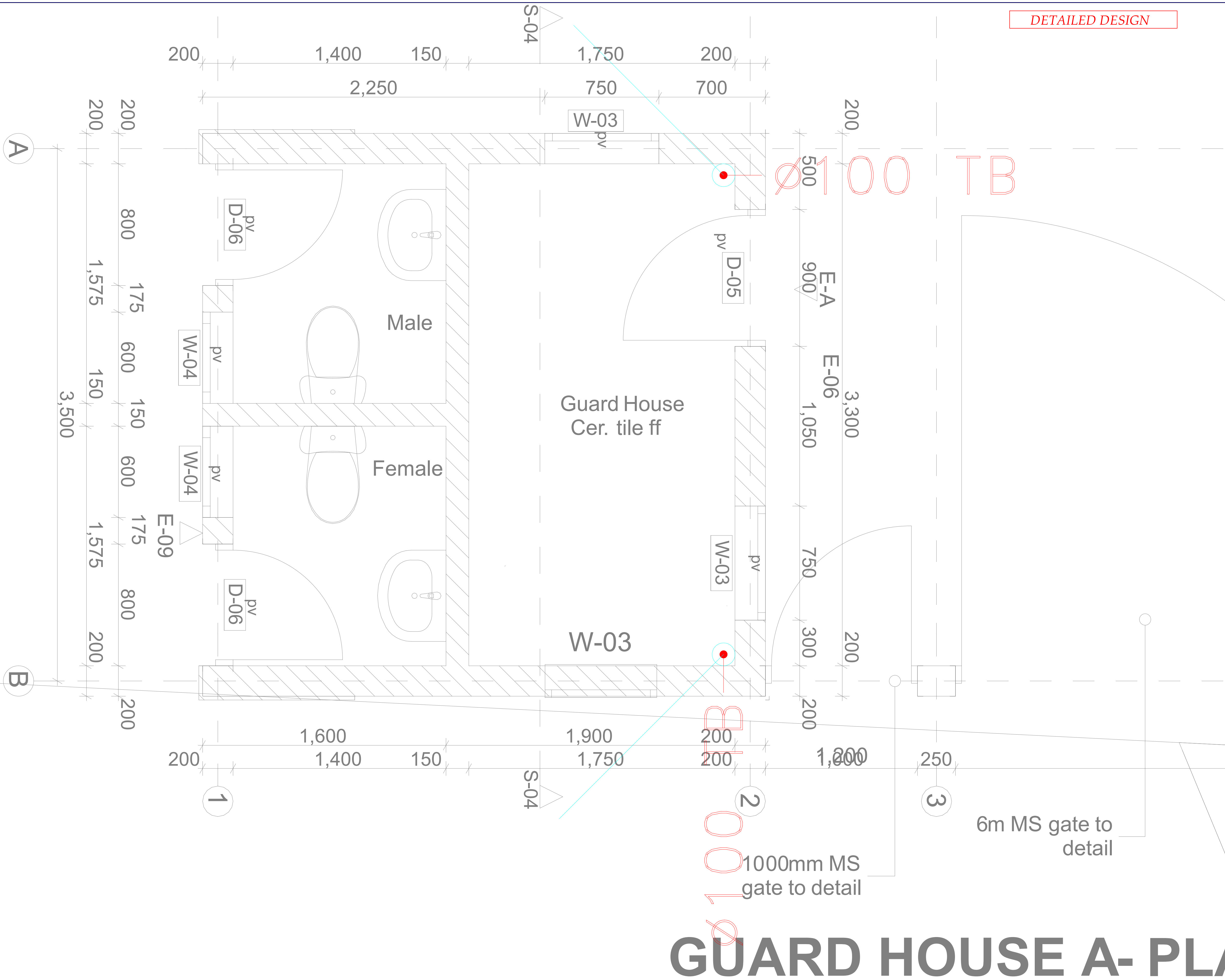
Dwg. No. **11-003M-017**

Scale: NTS

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Project no.: Date:

P.2103 14.01.2024



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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:
**GUARD HOUSE GROUND
FLOOR STORM WATER
DRAINAGE**

Dwg. No. **11-003M-018**

Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.: Date:

P.2103 14.01.2024

GUARD HOUSE A- PL

pitch = 15 degrees

DETAILED DESIGN

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REVISIONS:

REV. No.	Details of Revision

PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

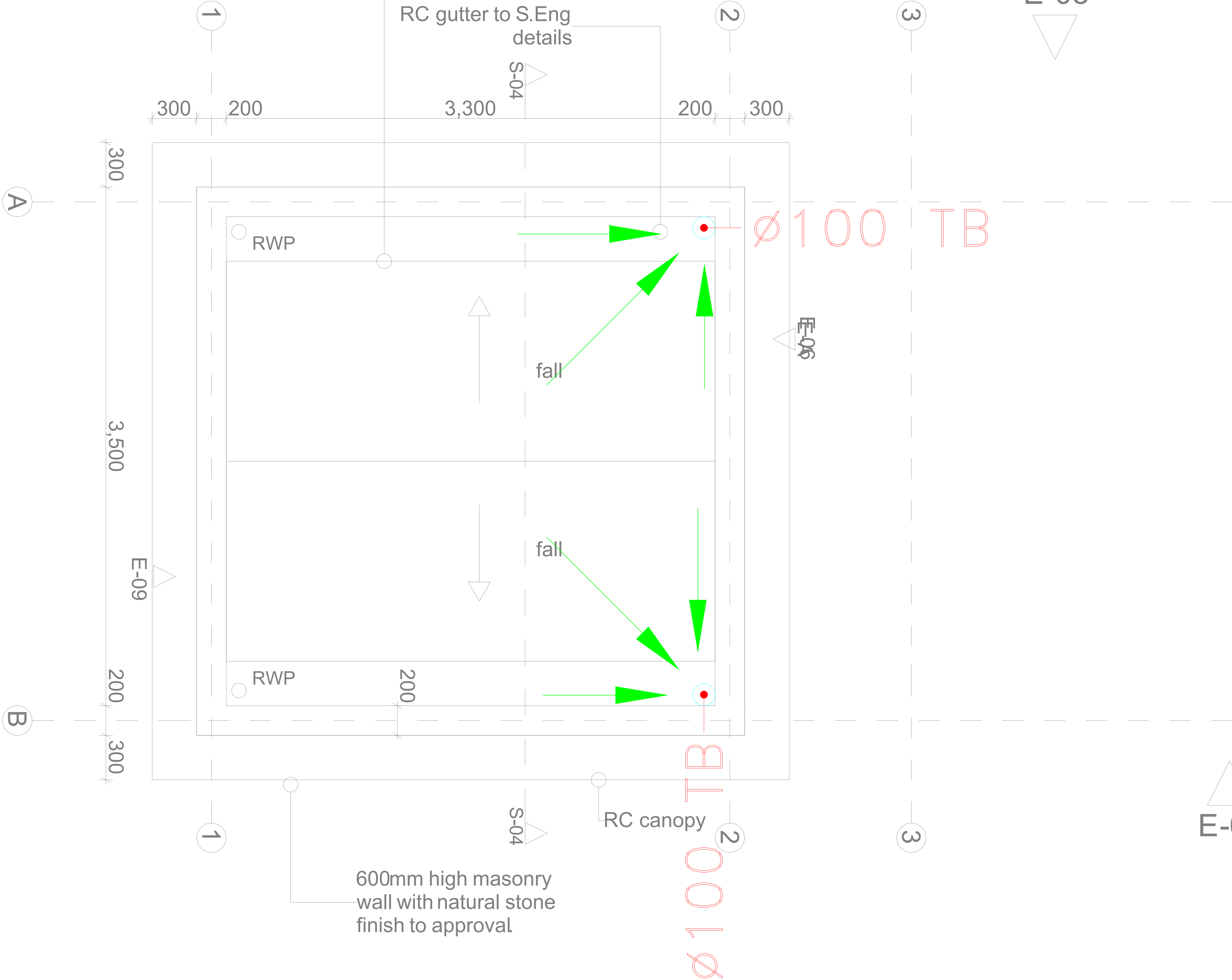
DRAWING TITLE:
**GUARD HOUSE FIRST
FLOOR STORM WATER
DRAINAGE**

Dwg. No. **11-003M-019**

Scale: NTS

Drawn by **E.M.** Chk'd By **G.O.**

Project no.: Date:
P.2103 14.01.2024



GUARD HOUSE A- ROOF PLAN



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REVISIONS:

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PROJECT TITLE:

PROPOSED CONSTRUCTION OF
RESOURCE CENTER & RELATED
INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign: _____

DRAWING TITLE:

**FISH BANADA GROUND
FLOOR DRAINAGE**

Dwg. No. **11-003M-020**

Scale: NTS

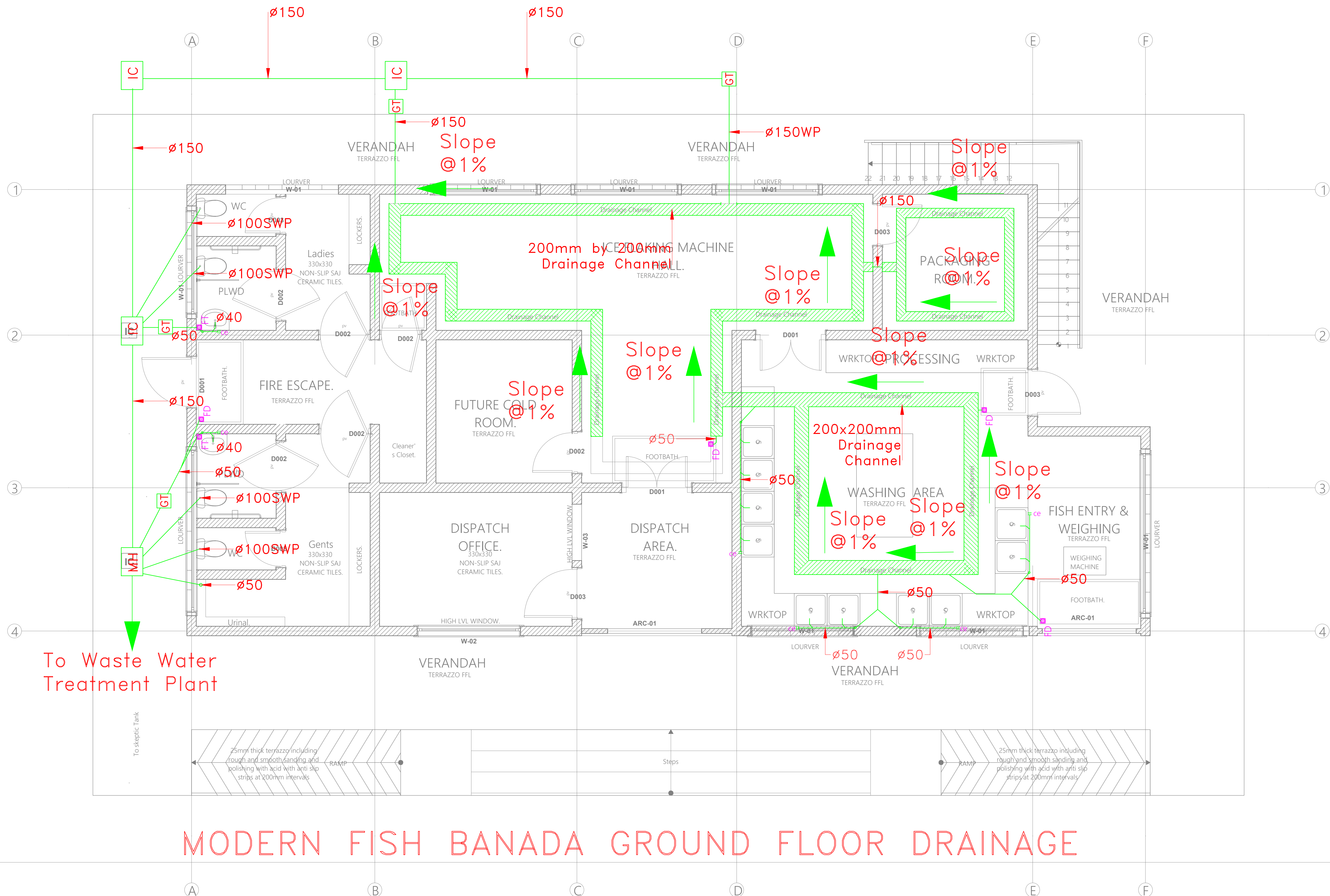
Drawn by **E.M.** Chek'd By **G.O.**

Project no.: _____ Date: _____

P.2103

14.01.2024

MODERN FISH BANADA GROUND FLOOR DRAINAGE





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PROJECT TITLE:

PROPOSED CONSTRUCTION OF
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INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign: _____

DRAWING TITLE:

FISH BANDA GROUND
FLOOR WATER SUPPLY

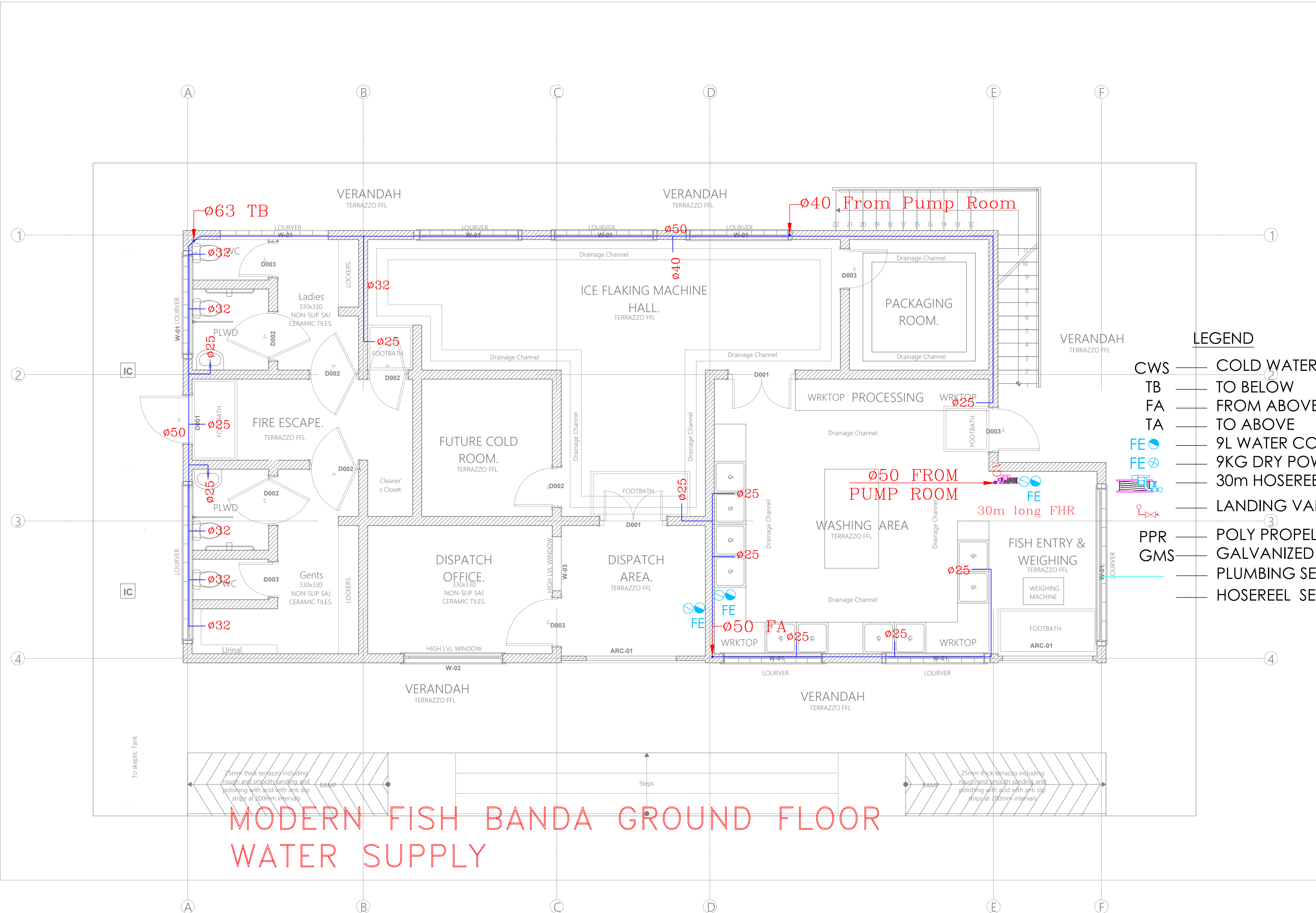
Dwg. No. **11-003M-021**

Scale: NTS

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Project no.: _____ Date: _____

P.2103 14.01.2024





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PROJECT TITLE:

PROPOSED CONSTRUCTION OF
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INFRASTRUCTURE- KIDONGO

CLIENT:

STATE DEPARTMENT FOR FISHERIES,
AQUACULTURE & THE BLUE
ECONOMY

CLIENT'S SIGNATURE:

Sign:

DRAWING TITLE:

FISH BANDA GROUND
FLOOR WATER SUPPLY

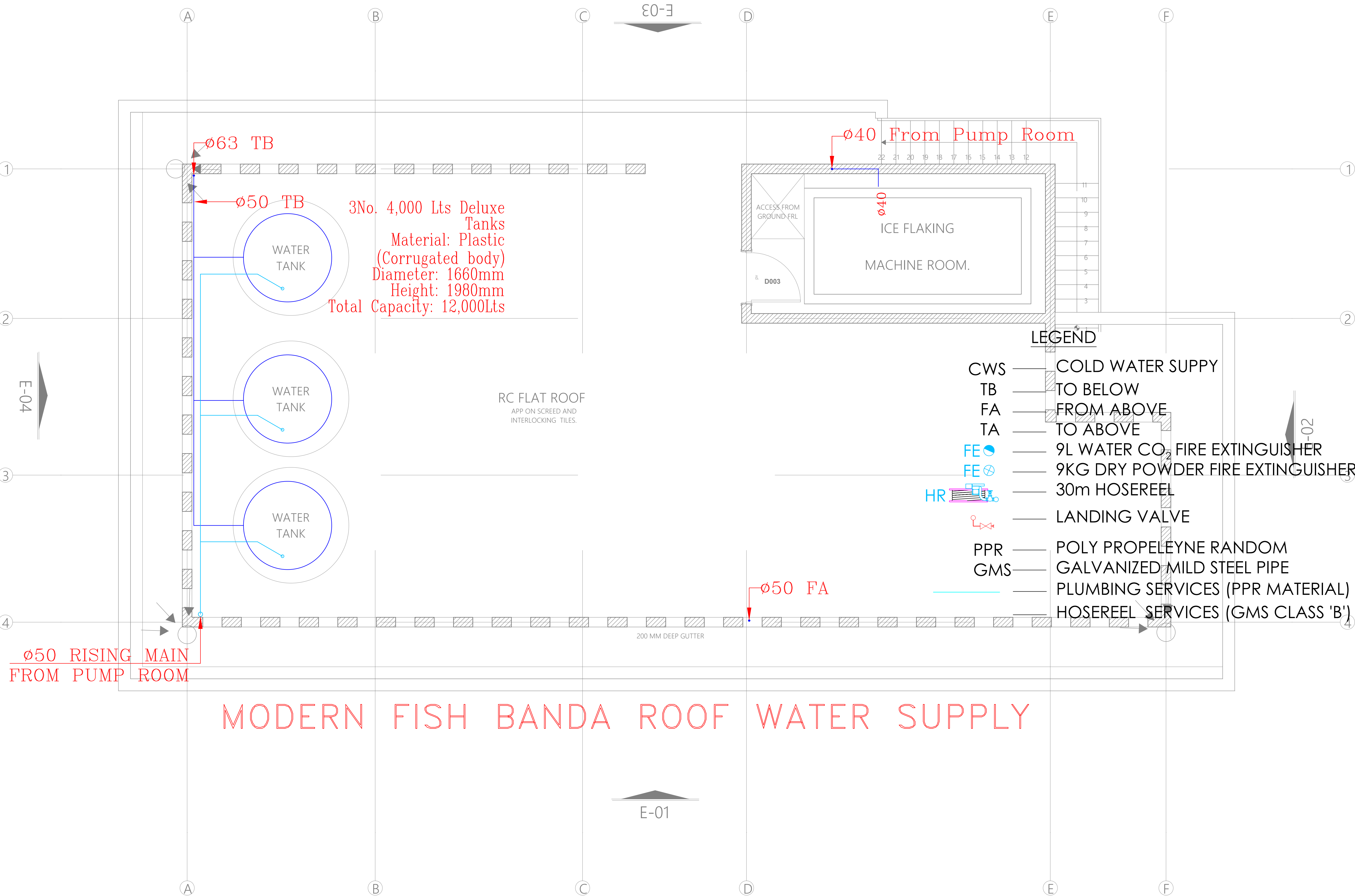
Dwg. No. **11-003M-022**

Scale: NTS

Drawn by **E.M.** Chek'd By **G.O.**

Project no.: Date:

P.2103 14.01.2024



MODERN FISH BANDA ROOF WATER SUPPLY