



PROPOSED KAREN C PRIMARY WASHROOMS

ROTARY CLUB OF KAREN

Architecturally Okay for Construction

NAIROBI METROPOLITAN SERVICES
DEPUTY DIRECTOR &
HEAD OF SECTION - PUBLIC WORKS
P.O. Box 49730 - NAIROBI

Anli. M. O. Jomo
[Signature]
18/7/22

ABOUT PROJECT

The proposed project is a washroom block done for the Karen C Primary School by the Rotary club of Woodland, CA in conjunction with Rotary Club of Karen- Nairobi. The professionals involved include Architect Vicky Karuga, Engineer Collins Mutaha ,Engineer Patrick Muthoga and Quantity Surveyor Edith Wandia .

The proposed block has 11 female washrooms and a shower, 8 male washrooms and a trough urinal ,staff washrooms as well as disabled washrooms for both male and female .

The building block is arranged parallel to the classroom blocks with the longest axis moving from East to West not only for ease of navigation but also to enable passive cooling of the building block .

High level windows and doors have also been used to ensure sufficient flow of air as well as provide lighting for the washrooms.

It has been designed with universal design in mind and therefore disabled access has been provided for the students in line with the policies

Due to the simple and legible zoning of the school, mobility and way finding from the playgrounds and classrooms to the washrooms is made easier .

We have used sustainable materials that are easy to find and are cost effective. We encourage that these be replaced with locally available materials, sustainable options where this meets the criteria of safety, durability and cost effectiveness.

The design of the building can be modified and used in other schools to achieve a similar result .Care however should be taken when adopting the design to different sites and professional advice should be sought .

The structural foundational works will have to be verified by a Structural engineer for the design to be actualized .

The sighting of the building will have to be done carefully in consultation with a building professional.

Approval at the county level will be done case by case by a registered Architect and Structural Engineer.

It shall therefore be important to hire an Architect, Structural Engineer and Mechanical Engineer at the very least to achieve the desired result.

For more information you can write to vicky@tarakibu.co.ke

DONATED BY



Intentionally Delay for Construction
NAIROBI METROPOLITAN SERVICES
DEPUTY DIRECTOR &
HEAD OF SECTION - PUBLIC WORKS
P.O. Box 49136 - 00100, NAIROBI
And- m-o- Jmto
07/12

LIST OF DRAWINGS

ARCHITECTURAL		STRUCTURAL		MECHANICAL & ELECTRICAL	
DWG NO	TITLE OF DWG	DWG NO	TITLE OF DWG	DWG NO	TITLE OF DWG
L[--]01	SITE PLAN	S-00-001	FOUNDATION DRAWINGS	M001	PLUMBING LAYOUT PLAN
L[2-]01	SETTING OUT PLAN	L01	SEPTIC TANK DETAILS	M002	DRAINAGE LAYOUT PLAN
L[1-]01	GENERAL ARRANGEMENT PLAN				ELECTRICAL LAYOUT PLAN
L[2-]02	ELEVATION 01				
L[2-]03	ELEVATION 02				
L[2-]04	ELEVATION 03				
L[2-]05	SECTION U				
L[2-]06	SECTION V				
L[2-]07	SECTION W				
C[31]01	WINDOW SCHEDULE				
C[31]02	WINDOW SCHEDULE				
C[31]03	WINDOW SCHEDULE				
C[31]04	WINDOW SCHEDULE				
C[31]05	WINDOW SCHEDULE				
C[32]01	DOOR SCHEDULE				
C[32]02	DOOR SCHEDULE				
C[32]03	DOOR SCHEDULE				
C[32]04	DOOR SCHEDULE				
A[21]	WALL SECTION DETAIL				
A[47]	EAVE DETAIL				

NOTES

- This drawing is copyright ©
- Do not scale off this drawing
- All levels and dimensions to be checked on site before any building work commences
- Any discrepancies to be reported to the office of the consultant
- All work to be strictly in accordance with the standard specifications and notes
- This drawing is to be read in conjunction with specifications and all other relevant drawings
- Walls below 200mm thick to be reinforced with hoop iron at every alternate course
- Depth of foundations to be decided on site
- Pv denotes permanent air vents over doors and windows as shown on drawings
- 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
- Drain pipes passing under ramps, driveways, and buildings to be encased in 150mm thick concrete surround
- All reinforced concrete work to Structural Engineer's drawings
- All sanitary works to the entire satisfaction of MofH
- All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
- Provide 4500 litre water reserve tank for fire fighting only
- Provide 1x3m hose reel with automatic shut off nozzle with automatic booster pump
- Electrical fire alarm system to the approval of chief fire officer
- Fire alarm & booster to be provided with secondary power supply
- 2x9 litre water and 1x4.5 kg CO2 fire extinguishers to be provided per floor
- Provide smoke detectors in offices
- Provide fire action plan
- Provide fire notice exit signs
- Provide 1No. fire blanket and 1x5kg CO2 in Kitchen
- Provide 1x30meters hose reel on each floor and 1x5kg CO2 and 1x9kg dry powder on each hose reel point
- Subject to Customisation on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
		
WWW.TARAKIBU.CO.KE		
Drwg Name:		
DRAWING LIST 01		
Scale:	Date:	
	1/27/2022	
Drwn:	Checked:	
C.M	V.K	
Drwg No:	Job No:	
L[--]-1	#Pln	
	Rev:	

LIST OF DRAWINGS

ARCHITECTURAL		STRUCTURAL		MECHANICAL & ELECTRICAL	
DWG NO	TITLE OF DWG	DWG NO	TITLE OF DWG	DWG NO	TITLE OF DWG
L[74]01	TYPICAL WASHROOM PLAN				
L[74]02	TYPICAL WASHROOM ELEVATION				
L[74]03	TYPICAL WASHROOM ELEVATION				
L[74]04	TYPICAL WASHROOM ELEVATION				
L[74]05	TYPICAL WASHROOM ELEVATION				
L[74]06	ASSISTED WASHROOM PLAN				
L[74]07	ASSISTED WASHROOM ELEVATION				
L[74]08	ASSISTED WASHROOM ELEVATION				
L[74]09	ASSISTED WASHROOM ELEVATION				
L[74]10	ASSISTED WASHROOM ELEVATION				
L[74]11	WASH HAND BASIN PLAN				
L[74]12	WASH HAND BASIN ELEVATION				
L[74]13	WASH HAND BASIN ELEVATION				
L[74]14	STAFF WASHROOM PLAN				
L[74]15	STAFF WASHROOM ELEVATION				
L[74]16	STAFF WASHROOM ELEVATION				
L[74]17	URINAL DETAIL PLAN				
L[74]18	URINAL DETAIL ELEVATION				
A[74]	URINAL DETAIL				
L[96]01	SHELVING PLAN [JANITOR'S STORE]				

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- Walls below 200mm thick to be reinforced with hoop iron at every alternate course
- Depth of foundations to be decided on site
- Pv denotes permanent air vents over doors and windows as shown on drawings
- 30kg polythene sheeting and anti termite treatment to be provided under ground floor concrete slab
- Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
- All reinforced concrete work to Structural Engineer's drawings
- All sanitary works to the entire satisfaction of M&H
- All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
- Provide 4500 litres water reserve tank for fire fighting only
- Provide 1.5m hose reel with automatic shut off nozzle with automatic booster pump
- Electrical fire alarm system to the approval of chief fire officer
- Fire alarm & booster to be provided with secondary power supply
- 209 litre water and 64.5 kg co2 fire extinguishers to be provided per floor
- Provide smoke detectors in offices
- Provide fire action plan
- Provide fire notice exit signs
- Provide 1No. fire blanket and 1kg CO2 at Kitchen
- Provide 1x30metres hose reel on each floor and 1kg CO2 and 1kg dry powder on each hose reel point
- Subject to Customization on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
 TARAKIBU ARCHITECTS WWW.TARAKIBU.CO.KE		
Drwg Name:		
DRAWING LIST 02		
Scale:	Date:	
	1/27/2022	
Drwn:	Checked:	
C.M	V.K	
Drwg No:	Job No:	
L[74]--2	#Pin	
	Rev:	

LIST OF DRAWINGS

[illegible]

NOTES

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5. All work to be strictly in accordance with the standard specifications and notes
6. This drawing is to be read in conjunction with specifications and all other relevant drawings
7. Walls below 200mm thick to be reinforced with hoop iron at every alternate course
8. Deep foundations to be checked on site
9. Put drains permanent all vents over doors and windows as shown on drawings
10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
11. Drain pipes passing under terraces, driveways, and buildings to be enclosed in 150mm dia. concrete surround
12. All reinforced concrete work to Structural Engineer's drawings
13. All sanitary works to the entire satisfaction of M&H
14. All inside room water drainage and foul sewerage to Civil Engineer's drawings
15. Provide 4500 litres water reserve tank for fire fighting only
16. Provide 1/2in bore lead with automatic shut off nozzle with automatic booster pump
17. Electrical fire alarm system to the approval of chief fire officer
18. Fire alarm & booster to be provided with secondary power supply
19. 209 litre water and 1x4.5 kg kg CO2 fire extinguishers to be provided per floor
20. Provide smoke detectors in offices
21. Provide fire action plan
22. Provide fire notice exit signs
23. Provide 1/2in fire blanket and 1kg CO2 at Kitchen
24. Provide 100mm hose reel on each floor and 1kg CO2 and 1kg dry powder on each hose reel point
25. Subject to Customization on site

Rev.	Date	Description
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Revisions:

Drawing Status	
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WORKING DRAWINGS

Project Title:

STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS

Client:

ROTARY CLUB OF
KAREN



Drwg Name:

DRAWING LIST 03

Scale:

Date: 1/27/2022

Drawn:

CM

Checked:

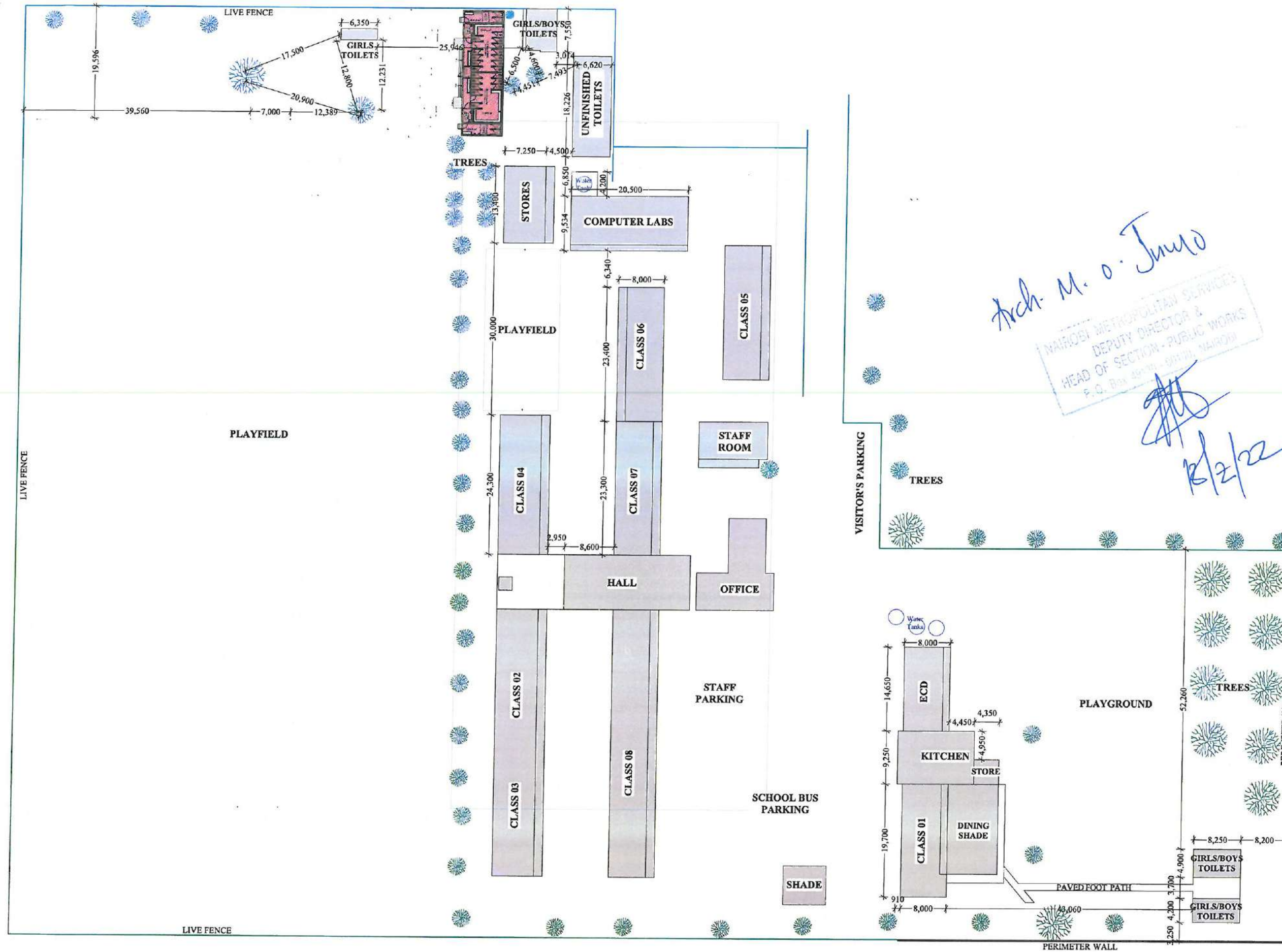
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Job No:

#Pin

Rev:



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 7. Walls below 200mm thick to be reinforced with hoop iron at every alternate course
 8. Depth of foundations to be decided on site
 9. Provide permanent air vents over doors and windows as shown on drawings
 10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under tarmac, driveways, and buildings to be encased in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of Mott
 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litres water reserve tank for fire fighting only
 16. Provide 1x3m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm and booster to be provided with secondary power supply
 19. 2x9 litre water and 1x1.5 kg CO2 fire extinguishers to be provided per floor
 20. Provide smoke detector in office
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1No. fire blanket and 1x9kg CO2 at kitchen
 24. Provide 1x30meters hose reel on each floor and 1x9kg CO2 and 1x9kg dry powder on each hose reel point

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		



Drwg Name:		SITE PLAN	
Scale:	1:325	Date:	1/27/2022
Drwn:	E.K.	Checked:	V.K.
Drwg No:	L[-]01	Job No:	#Pin
Rev:			

L[-]01

SITE PLAN

1:325

MIXED TOILETS

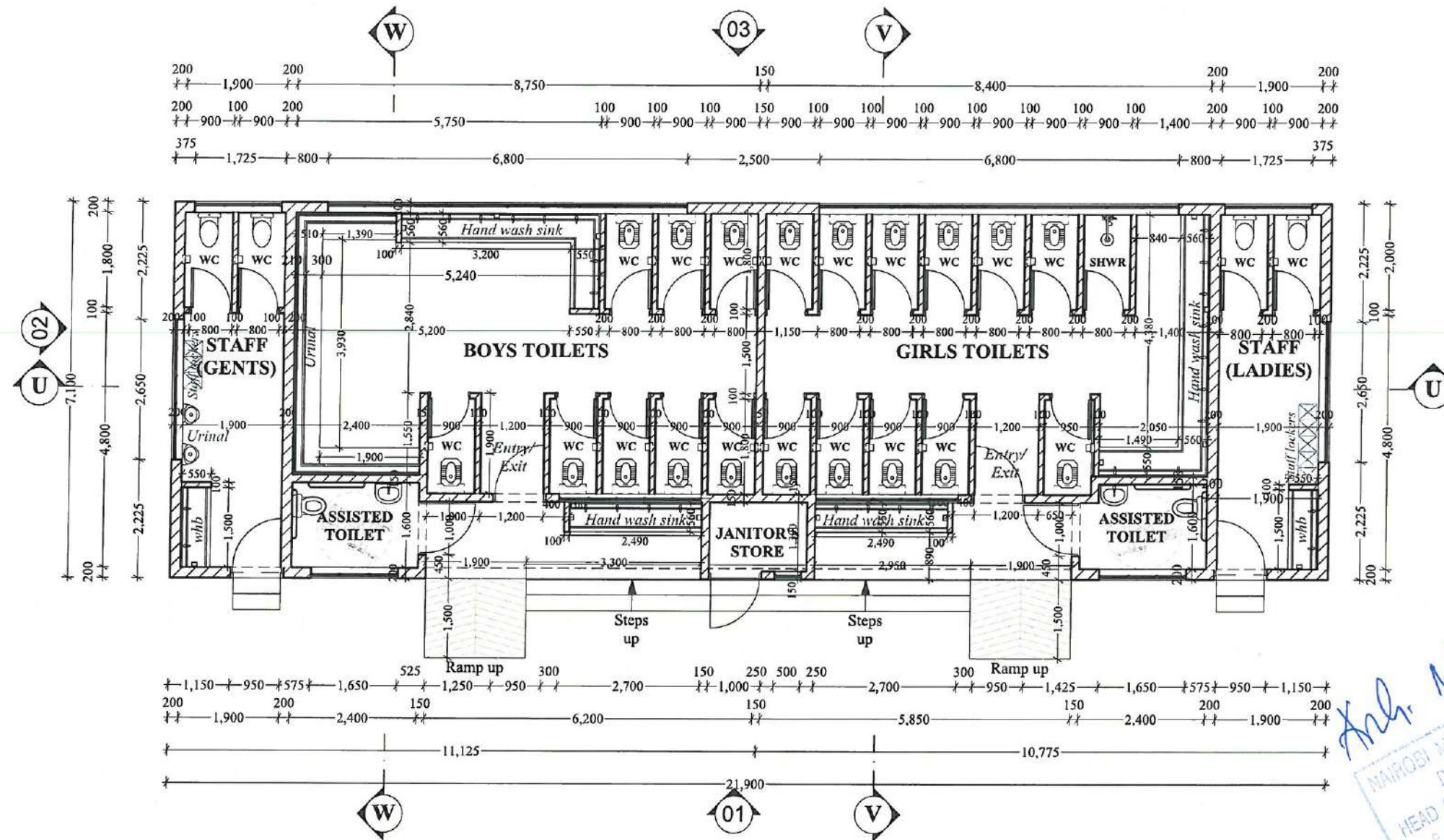
1 TOILETS: 30 BOYS

1 TOILETS: 25 BOYS

FLOOR AREA: 155.5 SM

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- 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
- Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
- All reinforced concrete work to Structural Engineer's drawings
- All sanitary works to the entire satisfaction of MWH
- All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
- Provide 4500 litres water reserve tank for fire fighting only
- Provide 10mm hose reel with automatic shut off nozzle with automatic booster pump
- Electrical fire alarm system to the approval of chief fire officer
- Fire alarm & booster to be provided with secondary power supply
- 2x9 litre water and 1x4.5 kg co2 fire extinguishers to be provided per floor
- Provide smoke detectors in offices
- Provide fire action plan
- Provide fire notice exit signs
- Provide 1x10, fire blanket and 1x3kg CO2 at Kitchen
- Provide 1x30mm hose reel on each floor and 1x3kg CO2 and 1x3kg dry powder on each hose reel point
- Subject to Customization on site



L/2-]01

SETTING OUT PLAN

1:100

Rev.	Date	Description
Revisions:		
Drawing Status		
Project Title:		
Client:		

Revisions:

Drawing Status

WORKING DRAWINGS

Project Title:

STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS

Client:

ROTARY CLUB OF KAREN

DONATED BY
TARAKIBU ARCHITECTS
WWW.TARAKIBU.CO.KE

Drwg Name:

SETTING OUT PLAN

Scale:

1:100

Date:

1/27/2022

Drwn:

C.M.

Checked:

V.K.

Drwg No:

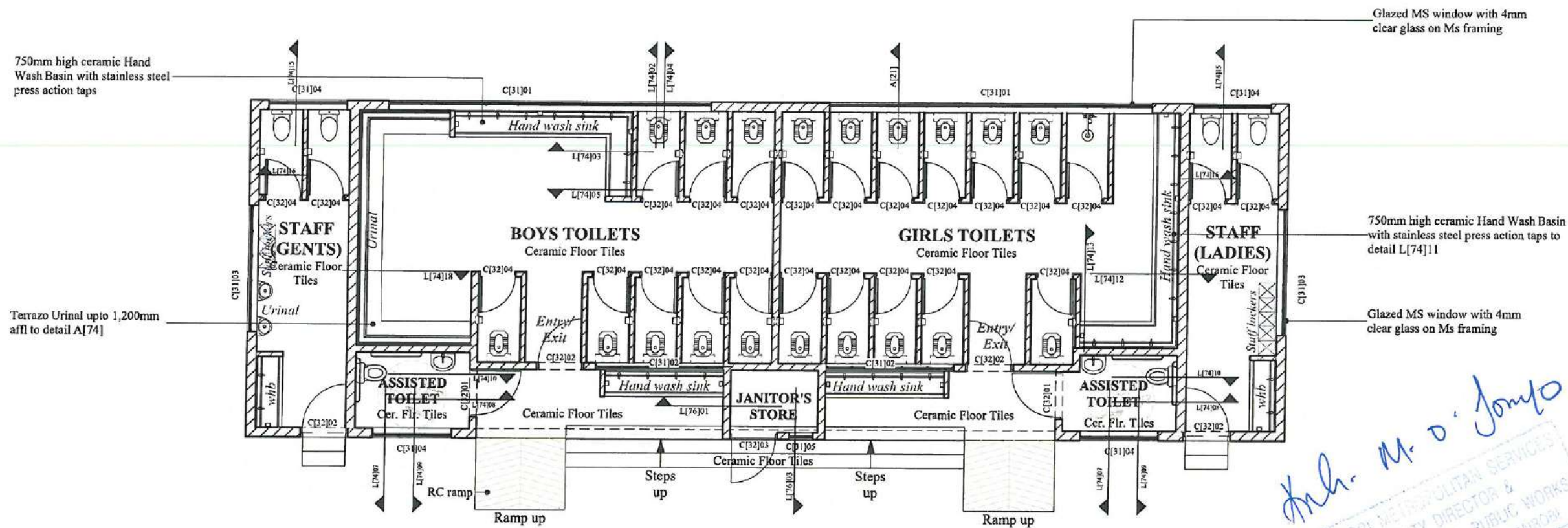
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Job No:

#P/n

Rev:

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 10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of M&H Engineer's drawings
 14. All roads, storm water, drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litre water reserve tank for fire fighting only
 16. Provide 1.5m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litre water and 1x4.5 kg CO2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1N/A fire blanket and 1x5kg CO2 at Kitchen
 24. Provide 1x10meters hose reel on each floor and 1x5kg CO2 and 1x5kg dry powder on each hose reel point
 25. Subject to Customization on site



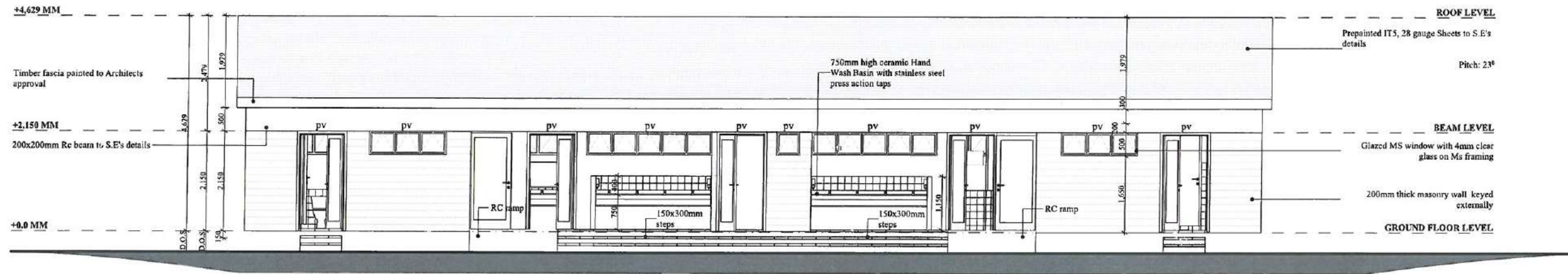
Mr. M. D. Jomo
 M&H METROPOLITAN SERVICES
 DEPUTY DIRECTOR &
 HEAD OF SECTION - PUBLIC WORKS
 P.O. Box 40791 - NAIROBI
18/7/22

L[1]-01

GENERAL ARRANGEMENT FLOOR PLAN

1:100

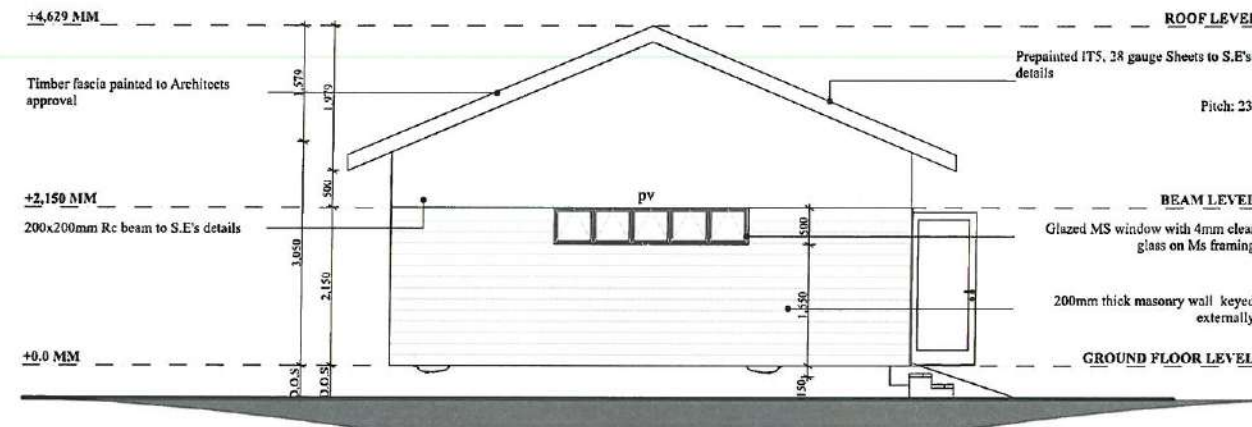
Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
 TARAKIBU ARCHITECTS		
Drwg Name: GENERAL ARRANGEMENT		
Scale:	1:100	Date:
Drawn:	C.M	Checked:
		V.K
Drwg No:	L[1]-01	Job No:
		#Pin
		Rev:



L[2-]02

ELEVATION 01

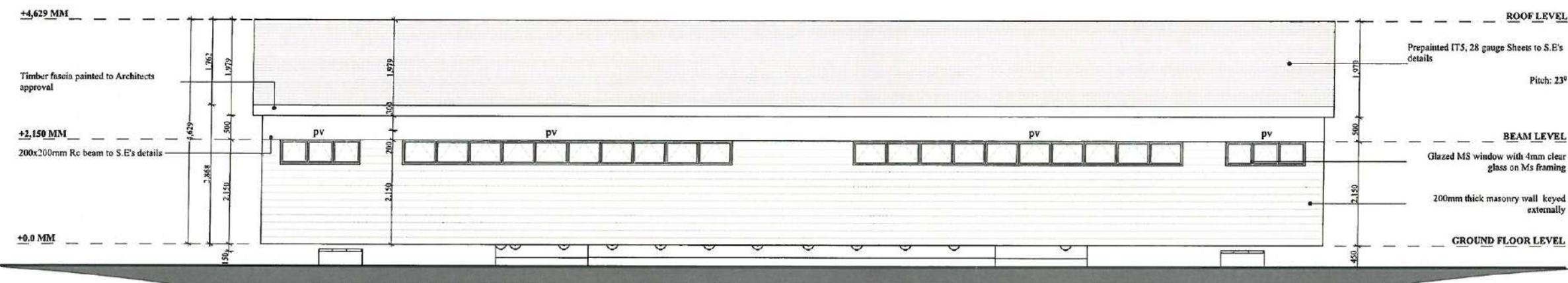
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L[--]02

ELEVATION 02

1:100



L[--]02

ELEVATION 03

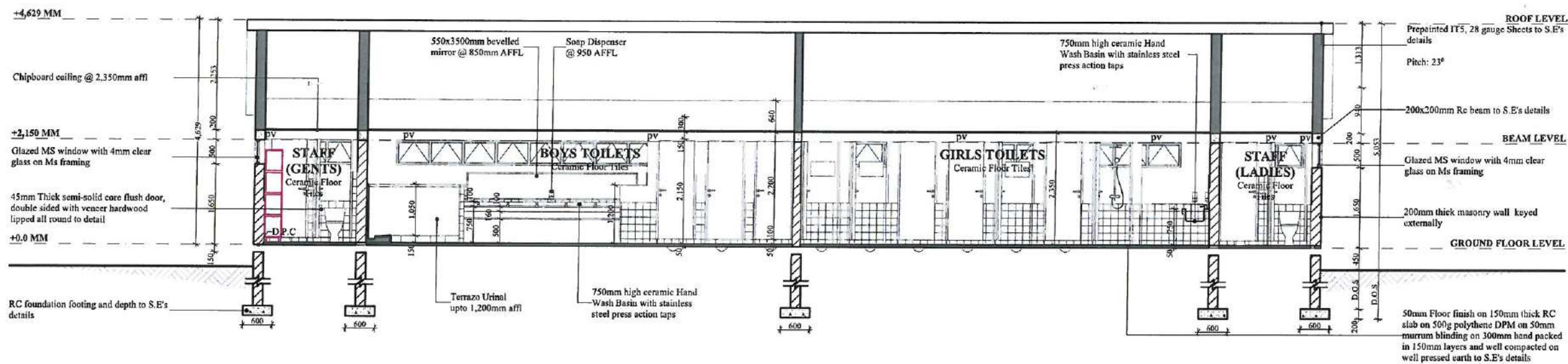
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8. Depth of foundations to be decided on site
9. Pv denotes permanent air vents over doors and windows as shown on drawings
10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
11. Drain pipes passing under tarmac, driveways, and buildings to be encased in 150mm thick concrete surround
12. All reinforced concrete work to Structural Engineer's drawings
13. All sanitary works to the entire satisfaction of M&H
14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
15. Provide 4500 litre water reserve tank for fire fighting only
16. Provide 150mm hose reel with automatic shut off nozzle with automatic booster pump
17. Electrical fire alarm system to the approval of chief fire officer
18. Fire alarm & booster to be provided with secondary power supply
19. 2x9 litre water and 1x4.5 kg co2 fire extinguishers to be provided per floor
20. Provide smoke detectors in offices
21. Provide fire action plan
22. Provide fire notice roll signs
23. Provide 1No. fire blanket and 1kg CO2 at Kitchen
24. Provide 1x30metre hose reel on each floor and 1kg CO2 and 1kg dry powder on each home red point
25. Subject to Customisation on site

Handwritten signature: M. O. Jomo
 NAIROBI METROPOLITAN SERVICES
 DEPUTY DIRECTOR &
 HEAD OF SECTION - PUBLIC WORKS
 P.O. Box 49840 - NAIROBI
Handwritten initials: BAHZ

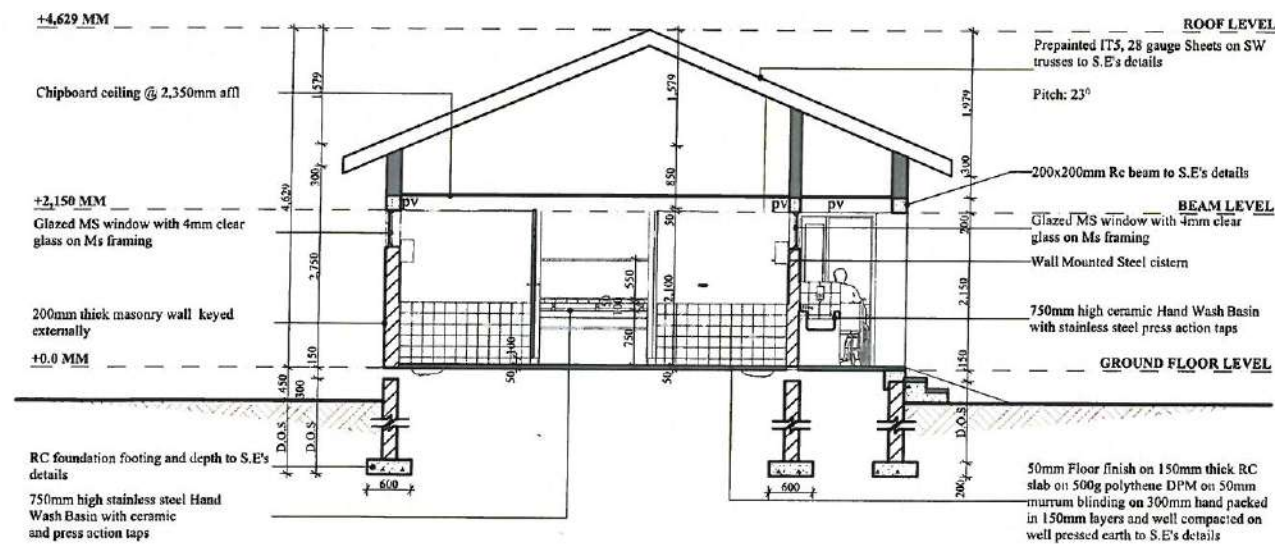
Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
 TARAKIBU ARCHITECTS WWW.TARAKIBU.CO.KE		
Drwg Name:		
ELEVATIONS 01-03		
Scale:	1:100	Date:
		1/27/2022
Drawn:	C.M	Checked:
		V.K
Drwg No:	L[2-]02-04	Job No:
		#Pin
		Rev:



L[2-]05

SECTION U-U

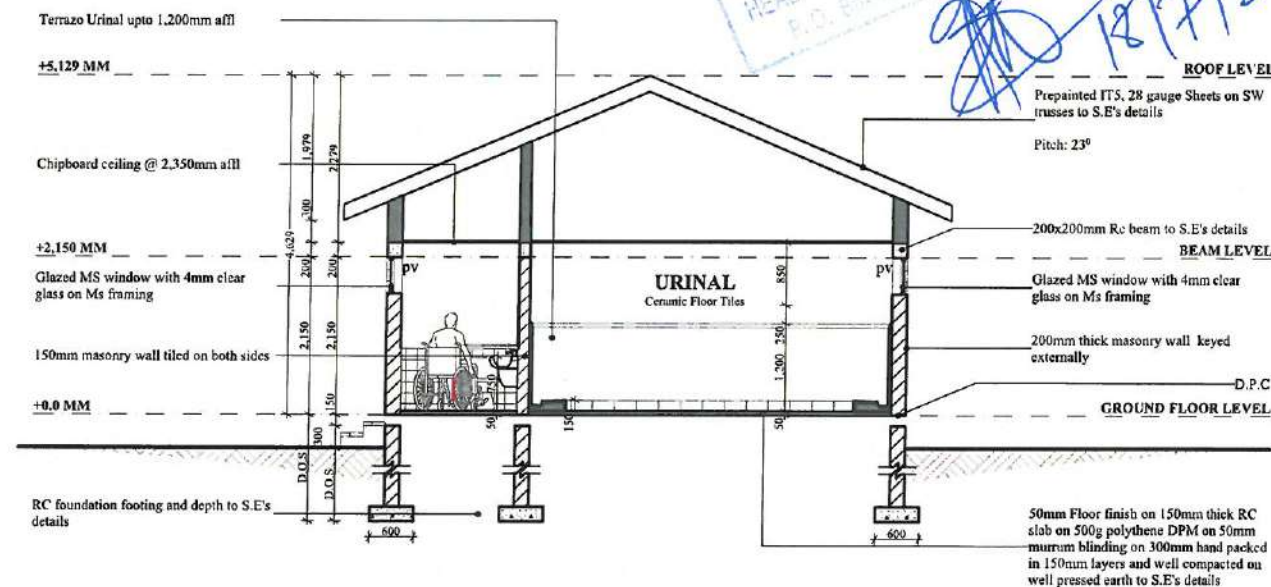
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L[2-]06

SECTION V-V

1:100



L[2-]07

SECTION W-W

1:100

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 9. Pv denotes permanent air vents over doors and windows as shown on drawings
 10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under lanes, driveways, and buildings to be installed in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of MofE
 14. All fire alarm & booster to be provided with secondary power supply
 15. Provide 4500 litre water reserve tank for fire fighting only
 16. Provide 1.2m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litre water and 1st 5 kg CO2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 10kg fire blanket and 1st 5kg CO2 in Kitchen
 24. Provide 1x10meters hose reel on each floor and 1st 5kg CO2 and 1st 5kg dry powder on each floor
 25. Subject to Customization on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		

DONATED BY

TARAKIBU ARCHITECTS

WWW.TARAKIBU.CO.KE

Drwg Name:

SECTIONS U-U, V-V & W-W

Scale:

1:100

Date:

1/27/2022

Drwn:

C.M

Checked:

V.K

Drwg No:

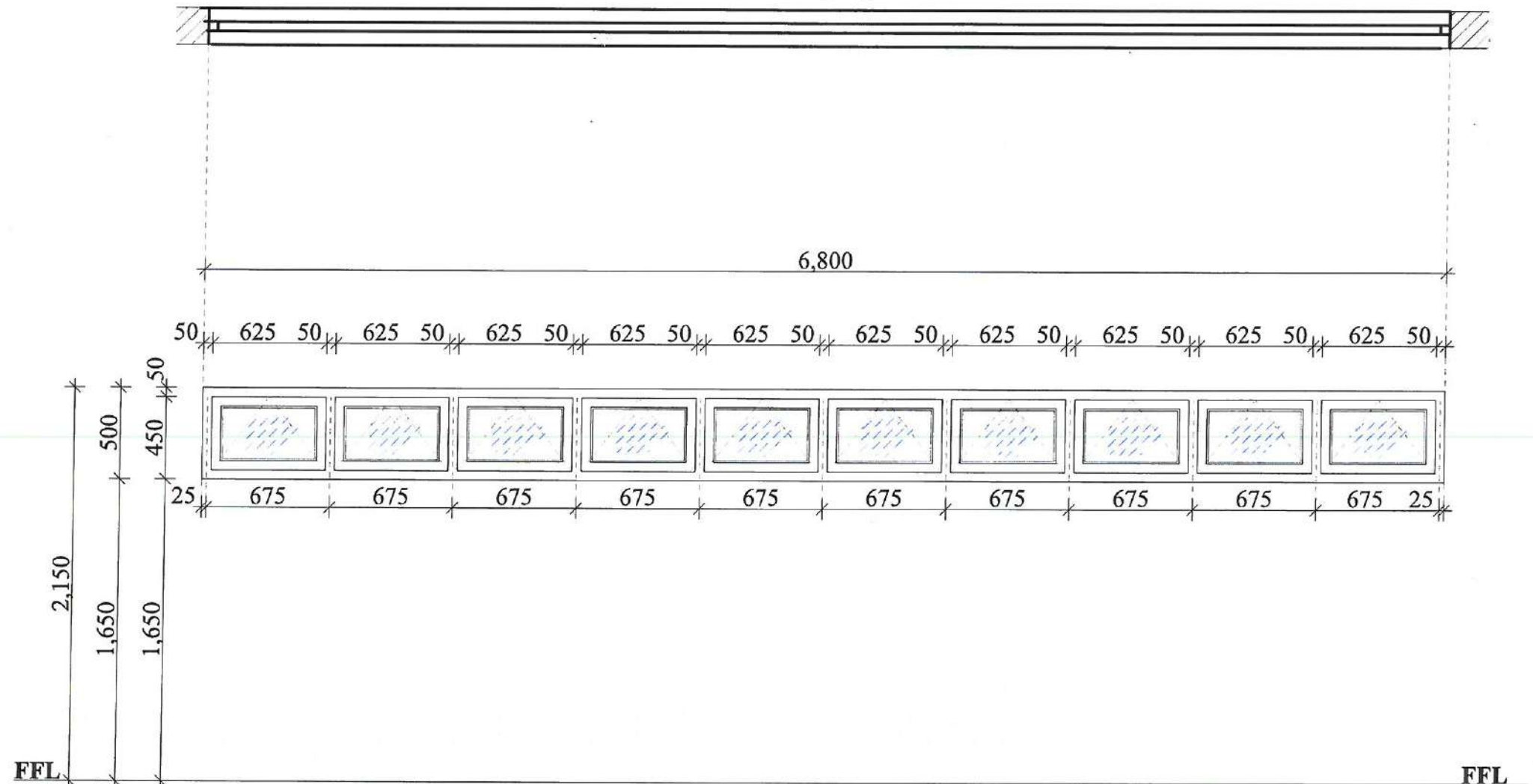
L[2-]05-07

Job No:

#Pin

Rev:

C[31]01



C[31]01	DESCRIPTION
LOCATION	- Standard section mild steel casement windows with frame - 4mm thick clear glazing with putty
Girls Toilets Boys Toilets	
QUANTITY	IRON MONGERY
2	Casement fasteners : "Kens Metal 1-07" Casement stays and pins

WINDOW C[31]01

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 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litres water reserve tank for fire fighting only
 16. Provide 1/2" hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litre water and 1x4.5 kg CO2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1No. fire blanket and 1x3kg CO2 at Kitchen
 24. Provide 1x30metre hose reel on each floor and 1x5kg CO2 and 1kg dry powder on each hose reel point
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Rev.	Date	Description
Revisions:		
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Project Title: STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client: ROTARY CLUB OF KAREN		
DONATED BY TARAKIBU ARCHITECTS WWW.TARAKIBU.CO.KE		
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Drwn: C.M	Checked: V.K	
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	Rev:	

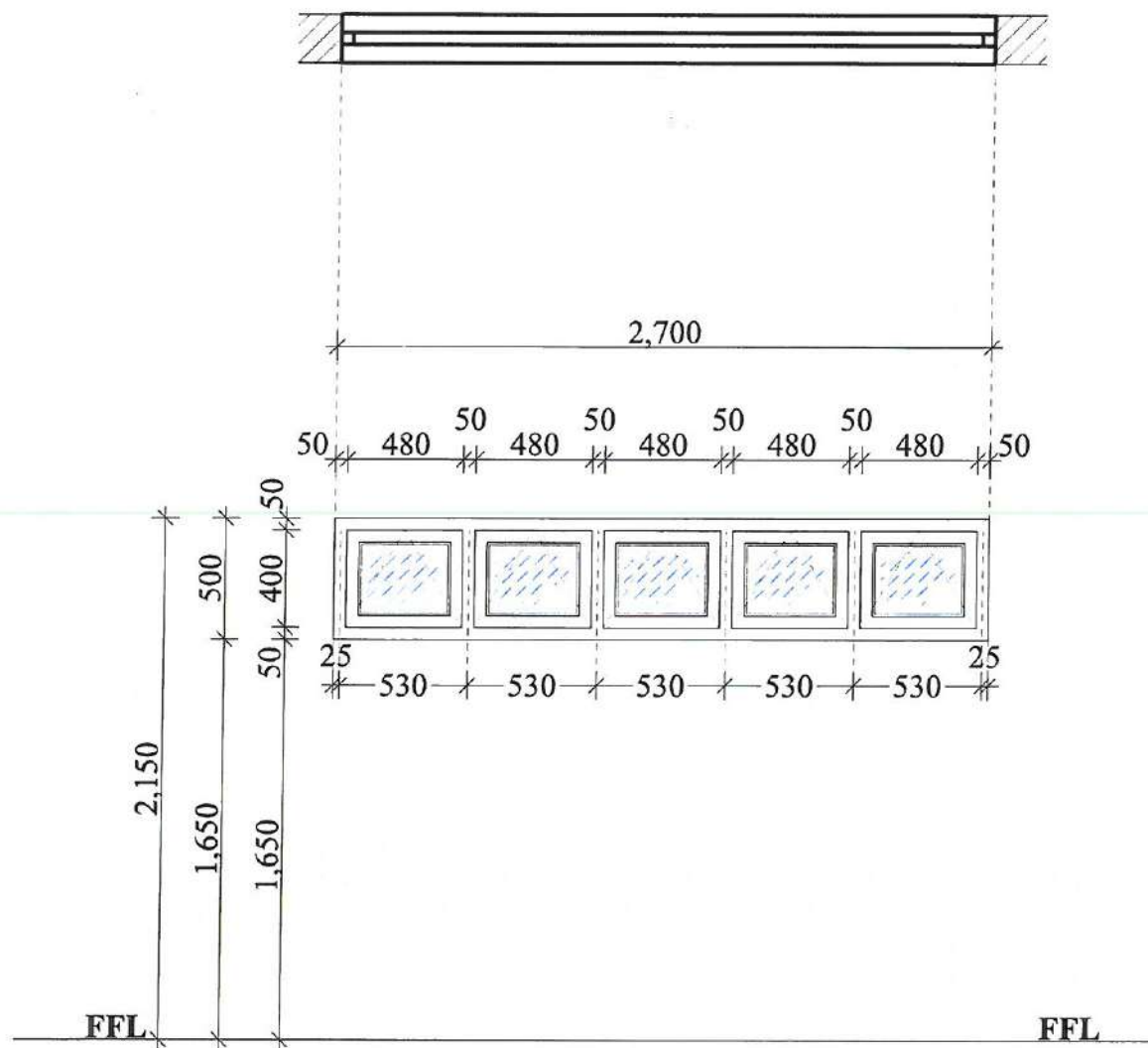
Handwritten signature: M.O. Jomo
Handwritten date: 10/7/22
 HANDBI METROPOLITAN COUNCIL
 DEPUTY DIRECTOR &
 HEAD OF SECTION - PUBLIC WORKS
 P.O. Box 44444 NAIROBI

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 6. This drawing is to be used in conjunction with specifications and all other relevant drawings
 7. Walls below 200mm thick to be reinforced with hoop iron at every alternate course
 8. Depth of foundations to be decided on site
 9. PVC gaskets permanent air vents over doors and windows as shown on drawings
 10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under tarmac, driveways, and buildings to be encased in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of MWH
 14. All roads, room water, drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litres water reserve tank for fire fighting only
 16. Provide 1x3m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litre water and 1x4.5 kg CO2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1x10. fire blanket and 1x3kg CO2 at Kitchen
 24. Provide 1x30mm hose reel on each floor and 1x3kg CO2 and 1x9kg dry powder on each floor rest point
 25. Subject to Customization on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
TARAKIBU ARCHITECTS		
WWW.TARAKIBU.CO.KE		

Drwg Name:		C[31]02 & 03	
Scale:	1:30	Date:	1/27/2022
Drwn:	C.M	Checked:	V.K
Drwg No:	Job No:		
	#Pin		
	Rev:		

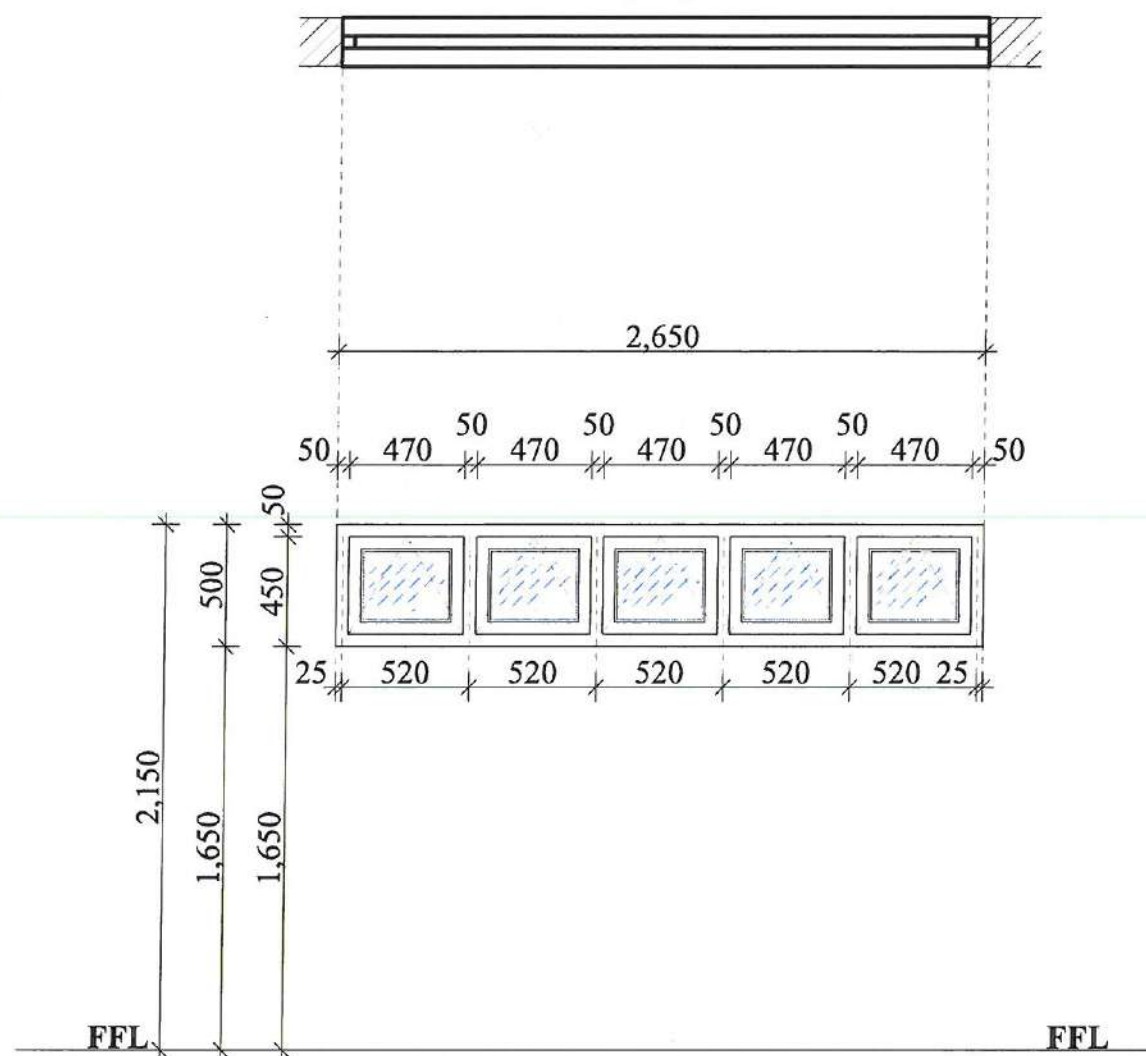
C[31]02



C[31]02	DESCRIPTION
LOCATION	- Standard section mild steel casement windows with frame - 4mm thick clear glazing with putty
Girls Toilets Boys Toilets	
QUANTITY	IRON MONGERY
2	Casement fasteners : "Kens Metal 1-07" Casement stays and pins

WINDOW C[31]02

C[31]03



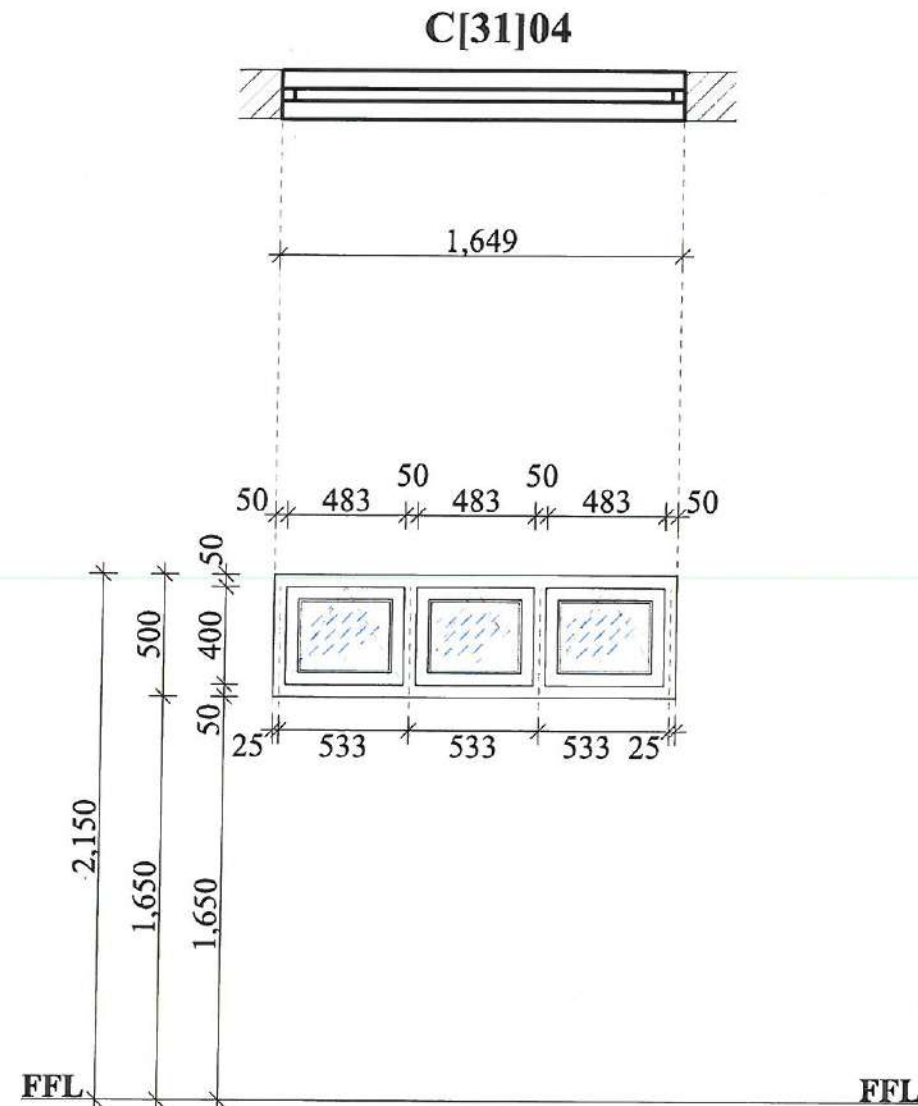
C[31]03	DESCRIPTION
LOCATION	- Standard section mild steel casement windows with frame - 4mm thick clear glazing with putty
Staff Gents Staff Ladies	
QUANTITY	IRON MONGERY
2	Casement fasteners : "Kens Metal 1-07" Casement stays and pins

WINDOW C[31]03

Handwritten signature: John M. O. Jomo

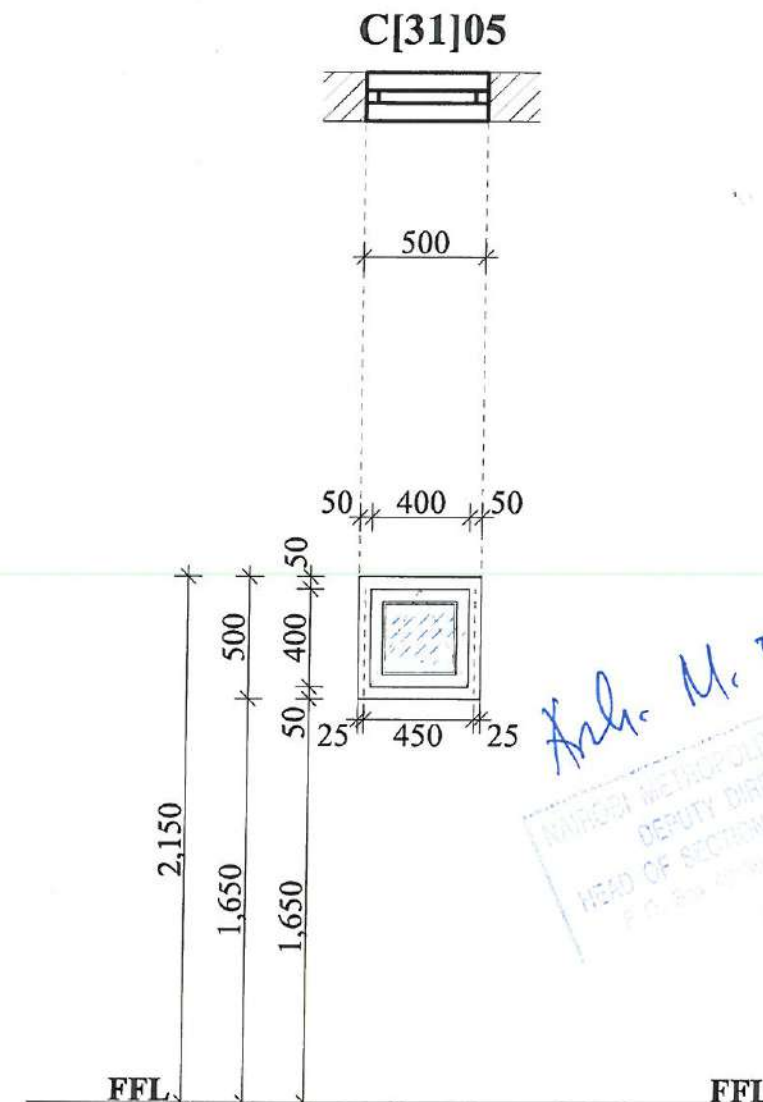
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Handwritten text: HUMAN METROLOGY SERVICES, DEPUTY DIRECTOR & HEAD OF SECTION - PUBLIC WORKS



C[31]04	DESCRIPTION
LOCATION Staff Gents Staff Ladies Assisted Toilet	- Standard section mild steel casement windows with frame - 4mm thick clear glazing with putty
QUANTITY 4	IRON MONGERY Casement fasteners : "Kens Metal 1-07" Casement stays and pins

WINDOW C[31]04

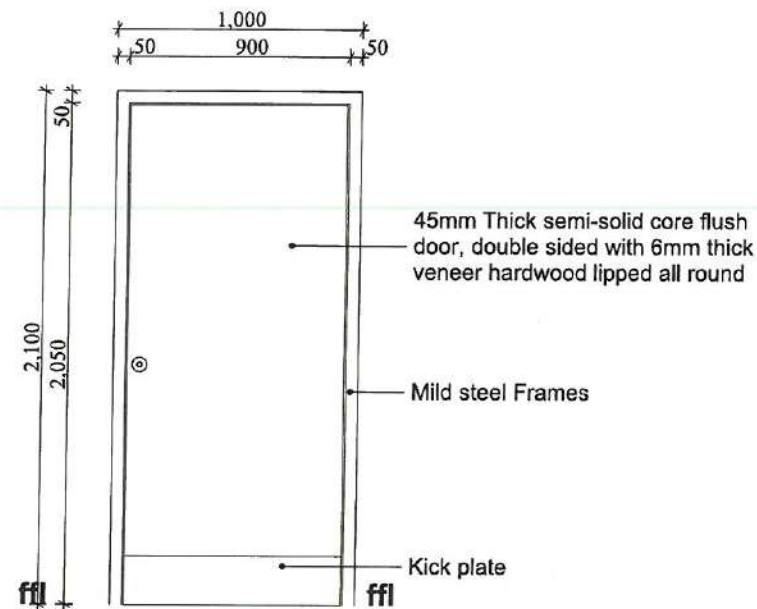
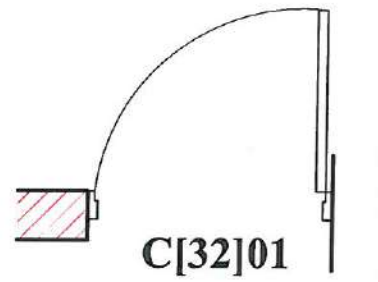


C[31]05	DESCRIPTION
LOCATION Janitor's Store	- Standard section mild steel casement windows with frame - 4mm thick clear glazing with putty
QUANTITY 1	IRON MONGERY Casement fasteners : "Kens Metal 1-07" Casement stays and pins

WINDOW C[31]05

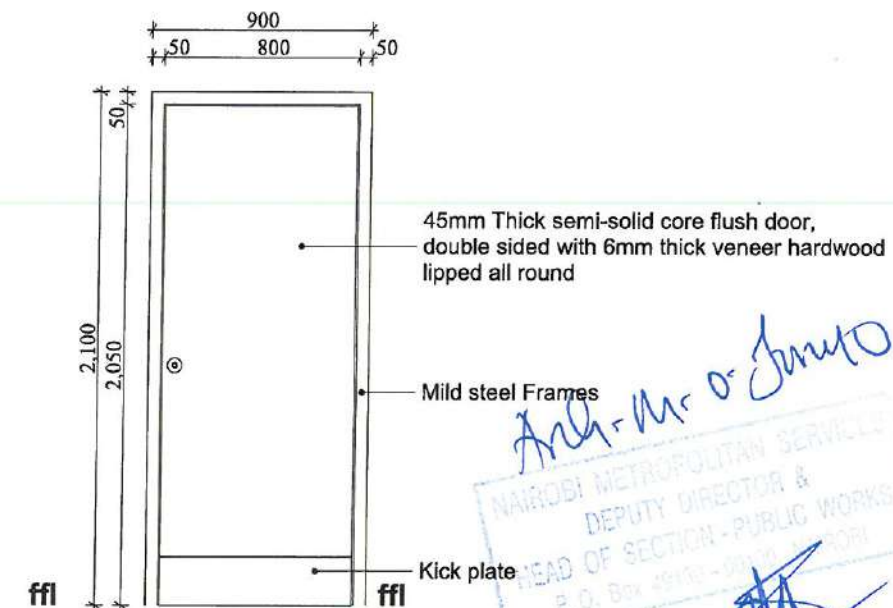
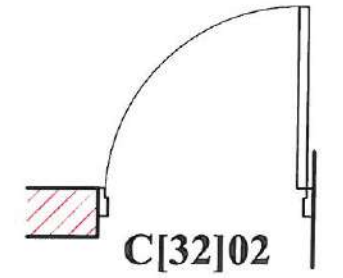
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 - This drawing is to be read in conjunction with specifications and all other relevant drawings
 - Walls below 200mm thick to be reinforced with hoop iron at every alternate course
 - Depth of foundations to be decided on site
 - Pv devices permanent air vents over doors and windows as shown on drawings
 - 300g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 - Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
 - All reinforced concrete work to Structural Engineer's drawings
 - All sanitary works to the entire satisfaction of MWH
 - All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 - Provide 4500 litres water reserve tank for fire fighting only
 - Provide 100m hose reel with automatic shut off nozzle with automatic booster pump
 - Electrical fire alarm system to the approval of chief fire officer
 - Fire alarm & booster to be provided with secondary power supply
 - 20/20 litre water and 10/5 kg co2 fire extinguishers to be provided per floor
 - Provide smoke detectors in offices
 - Provide fire action plan
 - Provide fire notice exit signs
 - Provide 1No. fire blanket and 10kg CO2 at Kitchen
 - Provide 10/30metre hose reel on each floor and 10kg CO2 and 10kg dry powder on each hose reel point
 - Subject to Customization on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
TARAKIBU ARCHITECTS		
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Drwg Name:		
C[31]04 & 05		
Scale:	1:30	Date:
Drwn:	C.M	Checked:
		V.K
Drwg No:	Job No:	#Pin
		Rev:



C[32]01			
LOCATION		GENERAL DESCRIPTION	
Assisted Toilet		-Semi-solid core Flush Door	
		-SS kick plate selected to approval	
DIRECTION	TOTAL	IRONMONGERY	
RH	01	Two-lever mortise door lock and handle	
LH	01		
QUANTITY	02	38mm door stop; arc brass plated	
		S.S heavy duty hinges	

DOOR C[32]01



C[32]02			
LOCATION		GENERAL DESCRIPTION	
Entry/Exit		-Semi-solid core Flush Door -SS kick plate selected to approval	
Staff Ladies			
Staff Gents			
DIRECTION	TOTAL	IRONMONGERY	
RH	02	Two-lever mortise door lock and handle	
LH	02		
QUANTITY	04	38mm door stop; arc brass plated	
		S.S heavy duty hinges	

DOOR C[32]02

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 8. Depth of foundations to be decided on site
 9. Pv denotes permanent air vents over doors and windows as shown on drawings
 10. 550g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of MWH Engineer's drawings
 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 1000 litre water reserve tank for fire fighting only
 16. Provide 1x3m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litre water and 1x1.5 kg co2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1x10, fire blanket and 1x5kg CO2 at Kitchen
 24. Provide 1x30meters hose reel on each floor and 1x5kg CO2 and 1x9kg dry powder on each hose reel point
 25. Subject to Customization on site

Rev.	Date	Description
Revisions:		

Drawing Status
WORKING DRAWINGS

Project Title:
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS

Client:
ROTARY CLUB OF KAREN

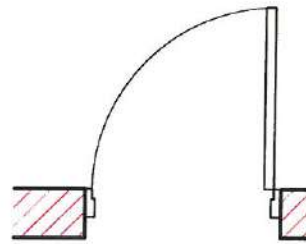
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TARAKIBU ARCHITECTS
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Drwg Name:
C[32]01 & 02

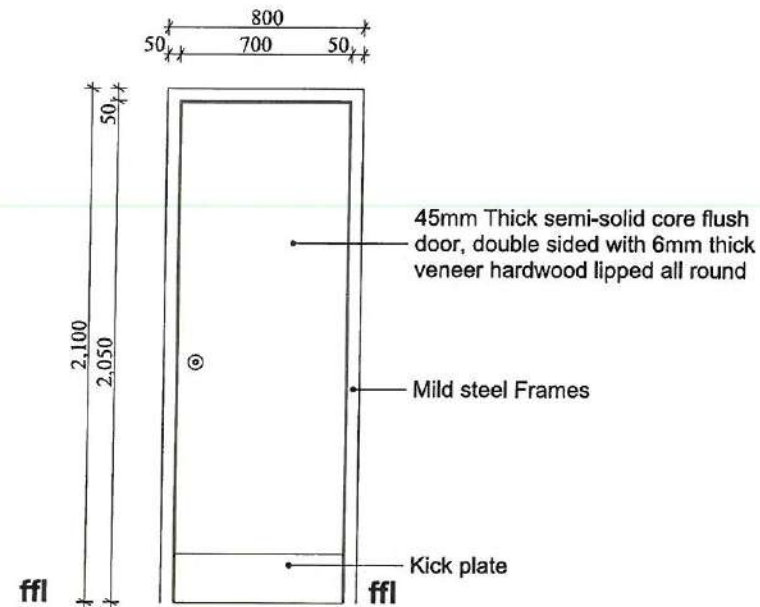
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	#Pln
	Rev:

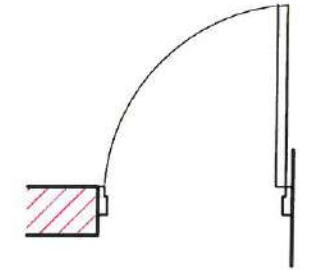


C[32]03

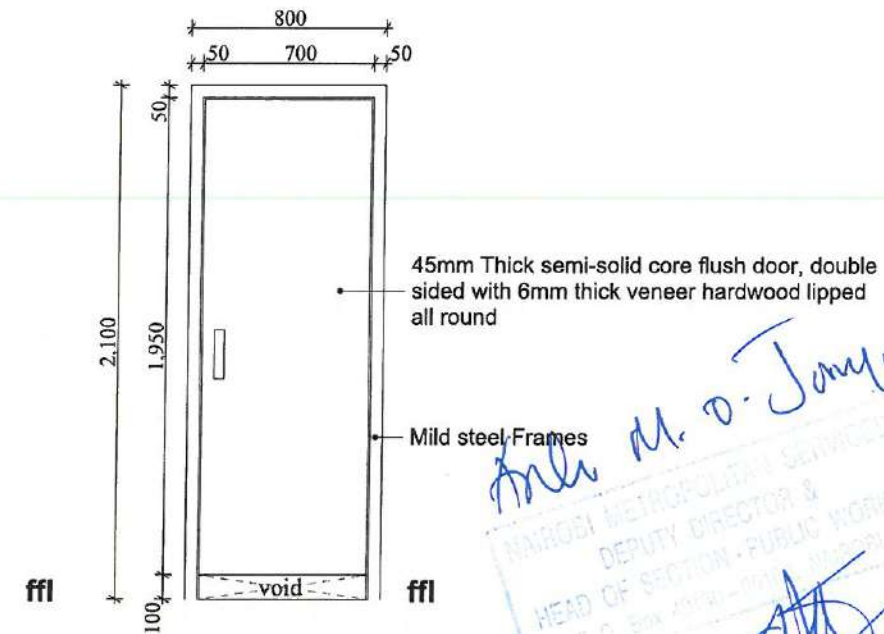


C[32]03		
LOCATION		GENERAL DESCRIPTION
Janitor's Store		-Semi-solid core Flush Door -SS kick plate selected to approval
DIRECTION	TOTAL	IRONMONGERY
RH	01	Two-lever mortise door lock and handle 38mm door stop; arc brass plated S.S heavy duty hinges
LH	00	
QUANTITY	01	

DOOR C[32]03



C[32]04

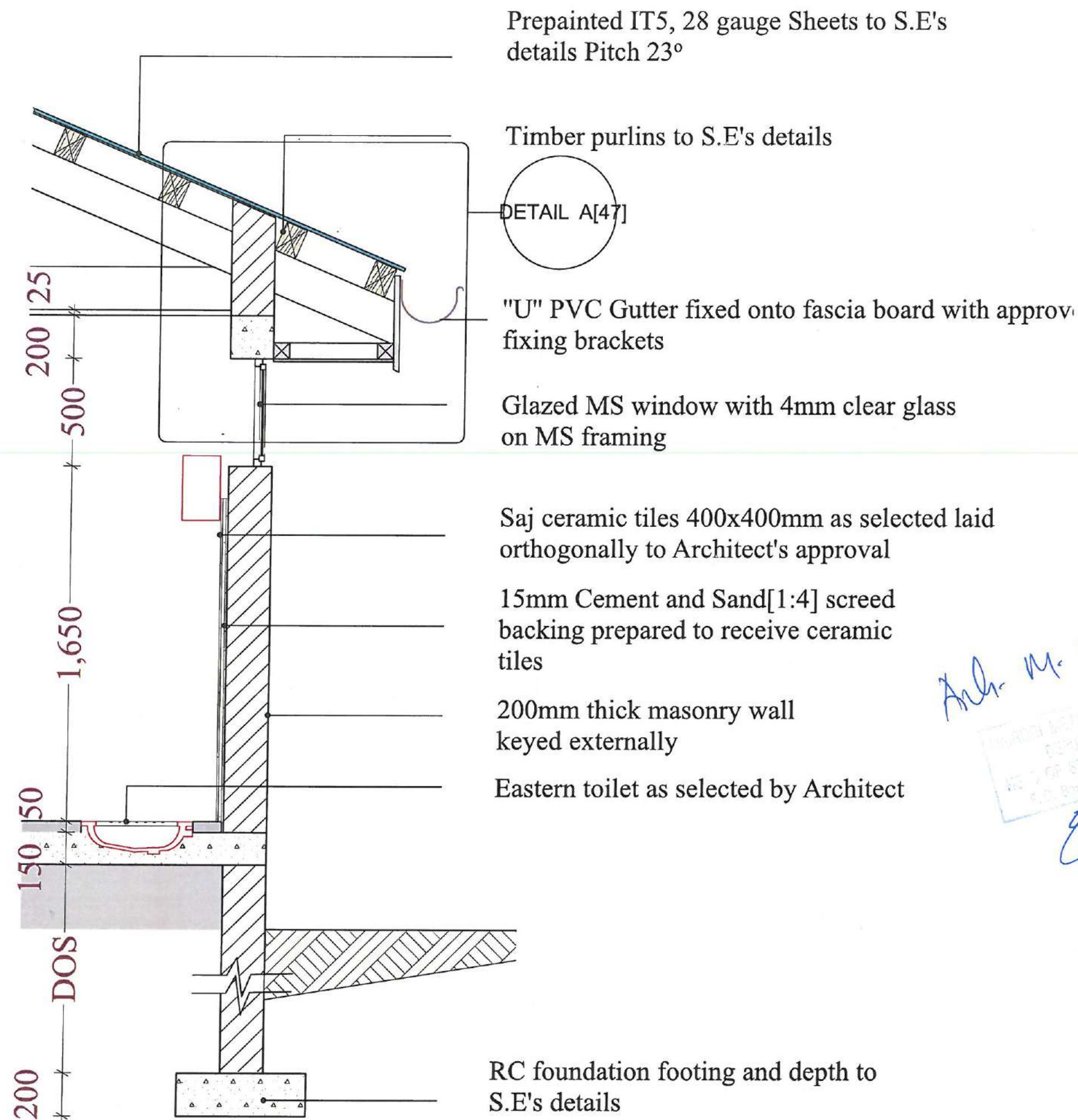


C[32]04		
LOCATION		GENERAL DESCRIPTION
Boys Toilets Girls Toilets		-Semi-solid core Flush Door
DIRECTION	TOTAL	IRONMONGERY
RH	08	Two-lever mortise door lock and handle 38mm door stop; arc brass plated S.S heavy duty hinges
LH	16	
QUANTITY	24	

DOOR C[32]04

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 8. Depth of foundations to be decided on site
 9. Pv denotes permanent air vents over doors and windows as shown on drawings
 10. 500g polythene sheeting and anti termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under lanes, driveways, and buildings to be encased in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of MoH
 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litre water reserve tank for fire fighting only
 16. Provide 1x2m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litre water and 1x1.5 kg co2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1No. fire blanket and 1x1kg CO2 at Kitchen
 24. Provide 1x30metre hose reel on each floor and 1x1kg CO2 and 1x1kg dry powder on each hose reel point
 25. Subject to Customization on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
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DONATED BY		
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Drwg Name:		
C[32]03 & 04		
Scale:	1:30	Date:
		1/27/2022
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		V.K
Drwg No:		Job No:
		#Pin
		Rev:



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10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
11. Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
12. All reinforced concrete work to Structural Engineer's drawings
13. All sanitary works to the entire satisfaction of M.C.D.
14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
15. Provide 4500 litre water reserve tank for fire fighting only
16. Provide 1x3m hose reel with automatic shut off nozzle with automatic booster pump
17. Electrical fire alarm system to the approval of chief fire officer
18. Fire alarm & booster to be provided with secondary power supply
19. 2x9 litre water and 4x4 kg fire extinguishers to be provided per floor
20. Provide smoke detectors in offices
21. Provide fire action plan
22. Provide fire notice exit signs
23. Provide 1kva fire blower and 1x5kg CO₂ at kitchen
24. Provide 1x20metre hose reel on each floor and 1x5kg CO₂ and 1x9kg dry powder on each hose reel point
25. Subject to Customization on site

Rev. Date Description

Revisions:

Drawing Status

WORKING DRAWINGS

Project Title:

STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS

Client:

ROTARY CLUB OF KAREN



Drwg Name:

WALL SECTION

Scale:

1:20

Date:

1/27/2022

Drwn:

C.M

Checked:

V.K

Drwg No:

A[21]

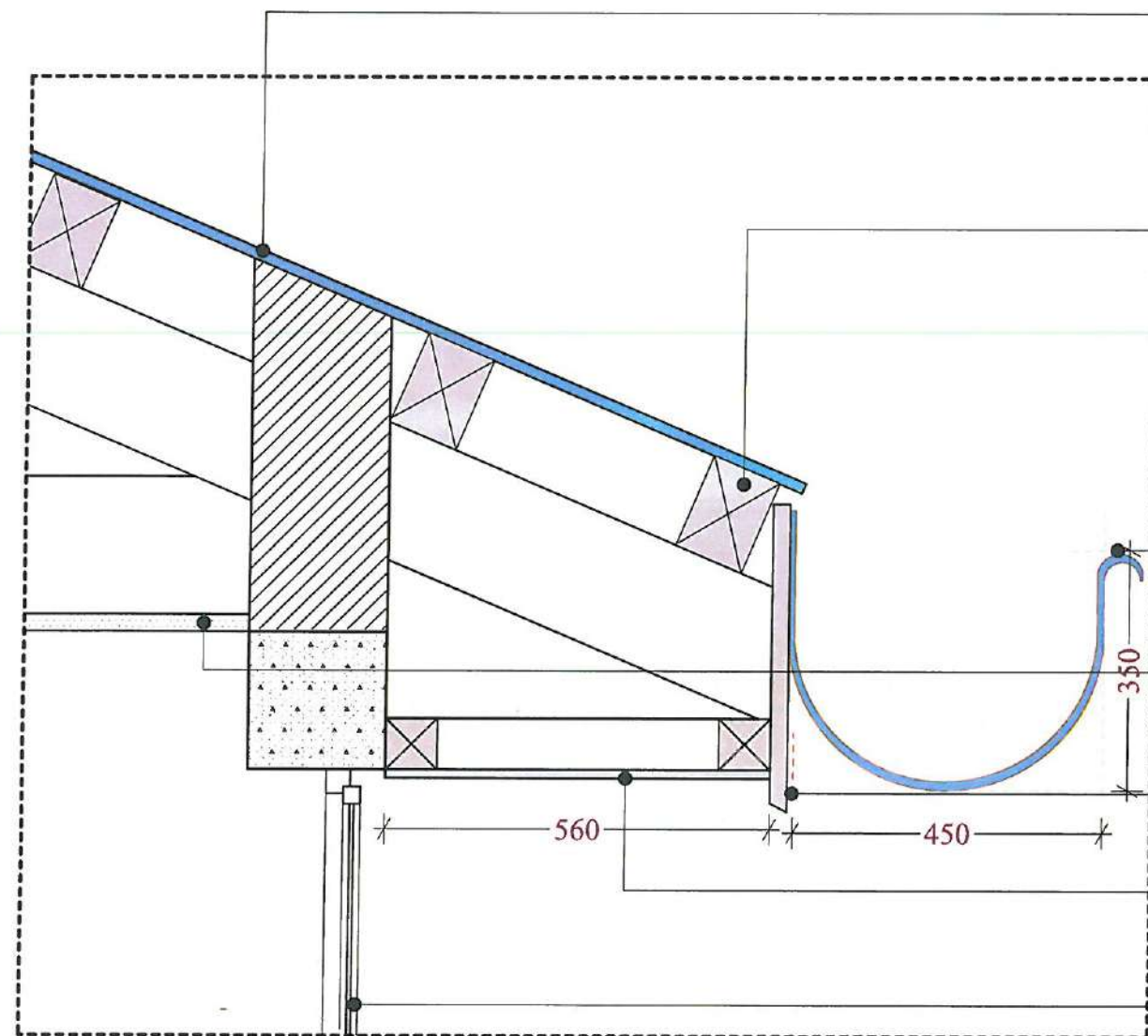
Job No:

#Pin

Rev:

Arch. M. O. - J. M. O.

18/7/22



Prepainted IT5, 28 gauge Sheets to S.E's details

Pitch 23°

Timber purlins to S.E's details

"U" PVC Gutter fixed onto fascia board with approved fixing brackets

Chipboard ceiling @ 2,350mm affl

225x25mm Timber Fascia board

Timber / PVC eaves

Glazed MS window with 4mm clear glass on MS framing

DETAIL A[47]

NOTES

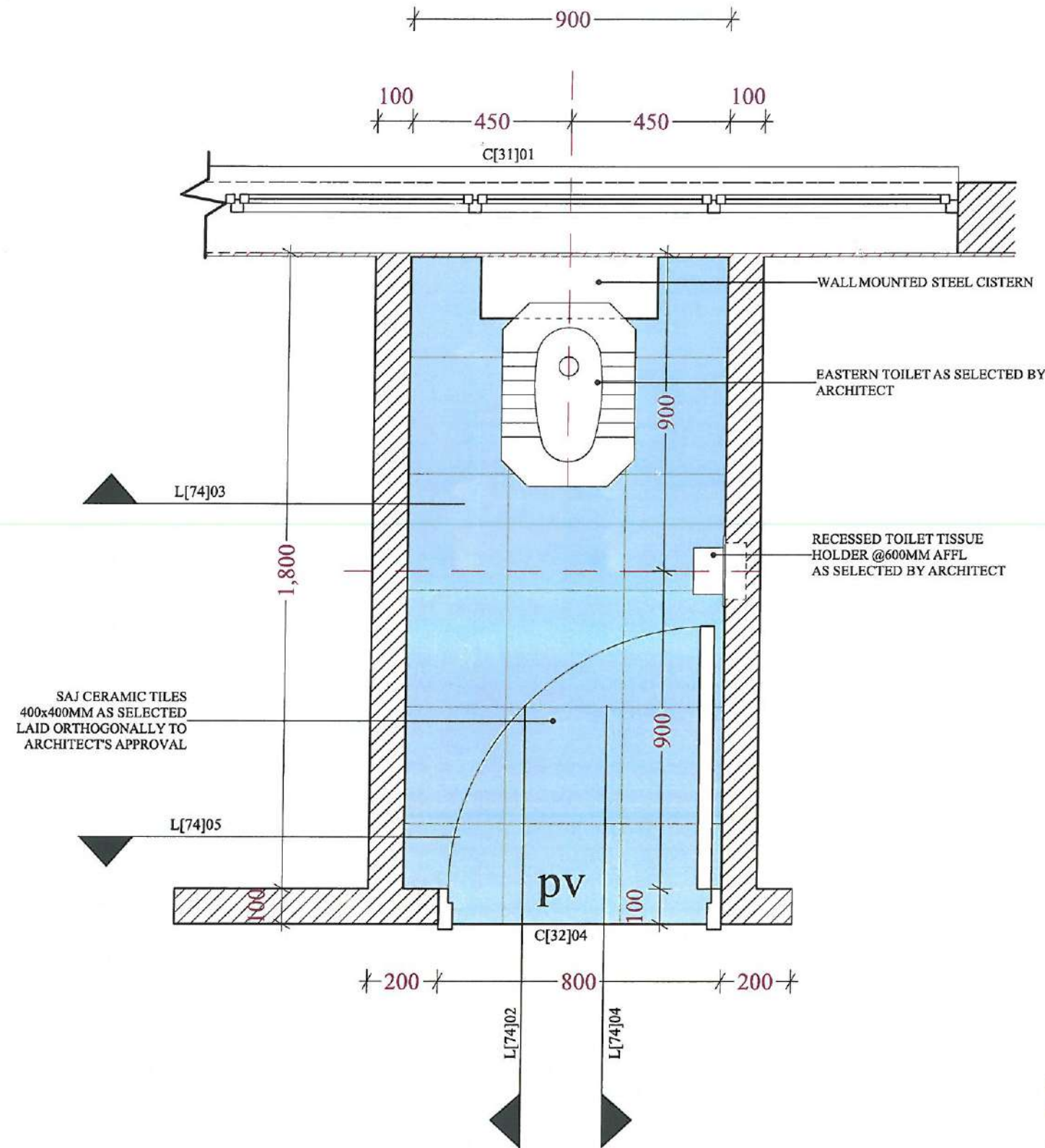
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11. Drain pipes passing under carpark, driveways, and buildings to be encased in 150mm thick concrete surround
12. All reinforced concrete work to Structural Engineer's drawings
13. All sanitary works to the entire satisfaction of MofH
14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
15. Provide 4500 litre water reserve tank for fire fighting only
16. Provide 1x3m hose reel with automatic shut off nozzle with automatic booster pump
17. Electrical fire alarm system to the approval of chief fire officer
18. Fire alarm & booster to be provided with secondary power supply
19. 2x9 litre water and 1x4.5 kg co2 fire extinguishers to be provided per floor
20. Provide smoke detectors in offices
21. Provide fire action plan
22. Provide fire notice exit signs
23. Provide 1No. fire blanket and 1x5kg CO2 in Kitchen
24. Provide 1x30metre hose reel on each floor and 1x5kg CO2 and 1x5kg dry powder on each floor
25. Subject to Customization on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
TARAKIBU ARCHITECTS		
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Drwg Name:		
EAVE DETAIL		
Scales	1:10	Date: 1/27/2022
Drwn:	C.M	Checked: V.K
Drwg No:	A[47]	Job No: #Pln
Rev:		

Arch. M. O. Juma

NAIROBI METROPOLITAN SERVICES
DEPUTY DIRECTOR &
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P.O. Box 45000 - NAIROBI

13/1/22



L[74]01
TYPICAL WASHROOMS

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 11. Drain pipes passing under tarmac, driveways, and buildings to be encased in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of MofE
 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litres water reserve tank for fire fighting only
 16. Provide 1x3m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litre water and 1x4.5 kg CO2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1No. fire blanket and 1x5kg CO2 at Kitchen
 24. Provide 1x10meters hose reel on each floor and 1x5kg CO2 and 1x5kg dry powder on each hose reel point
 25. Subject to Customization on site

Rev.	Date	Description
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Revisions:

Drawing Status
WORKING DRAWINGS

Project Title:
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS

Client:
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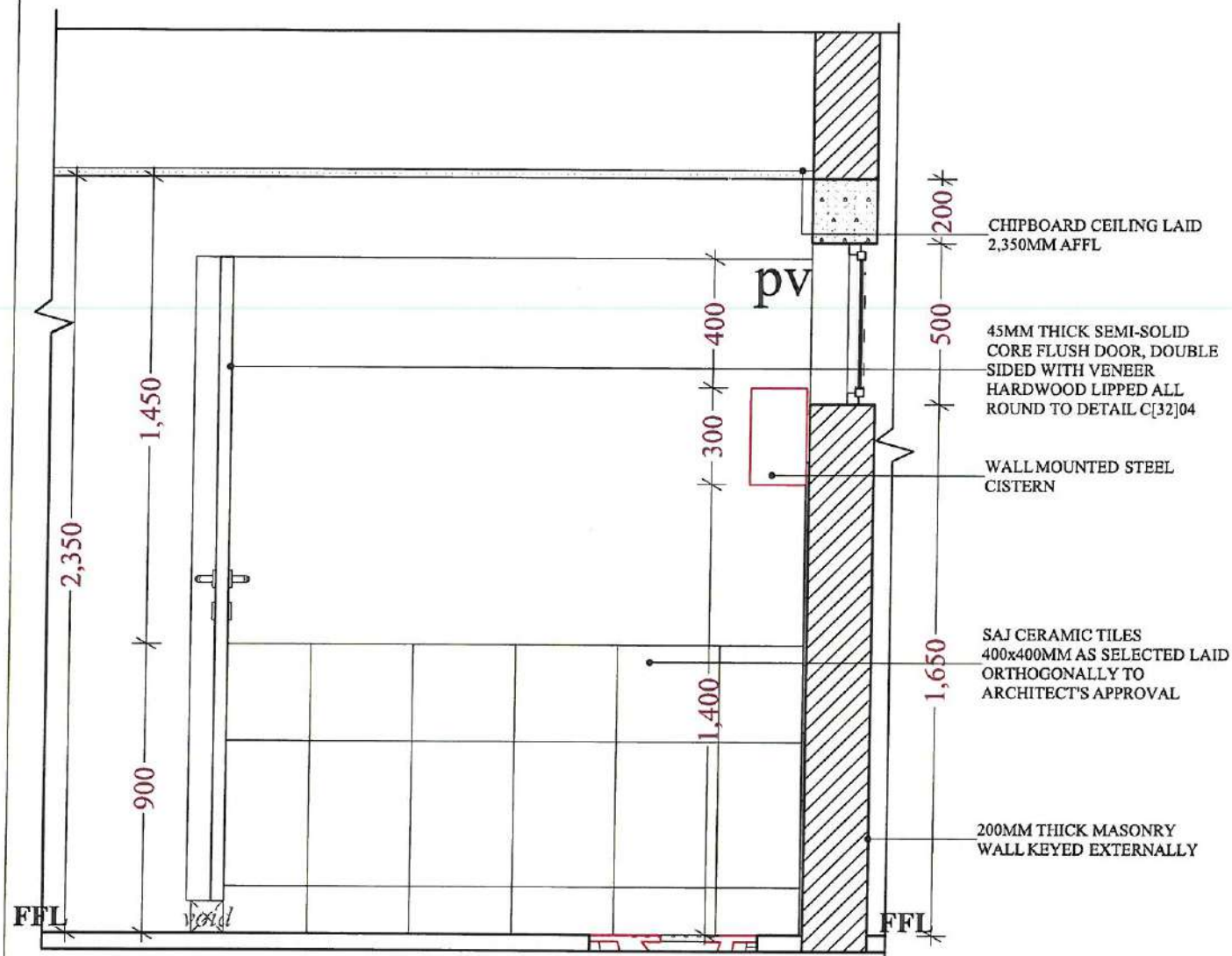
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TYPICAL WASHROOMS PLAN L[74]01

Scale: 1:15 Date: 1/27/2022

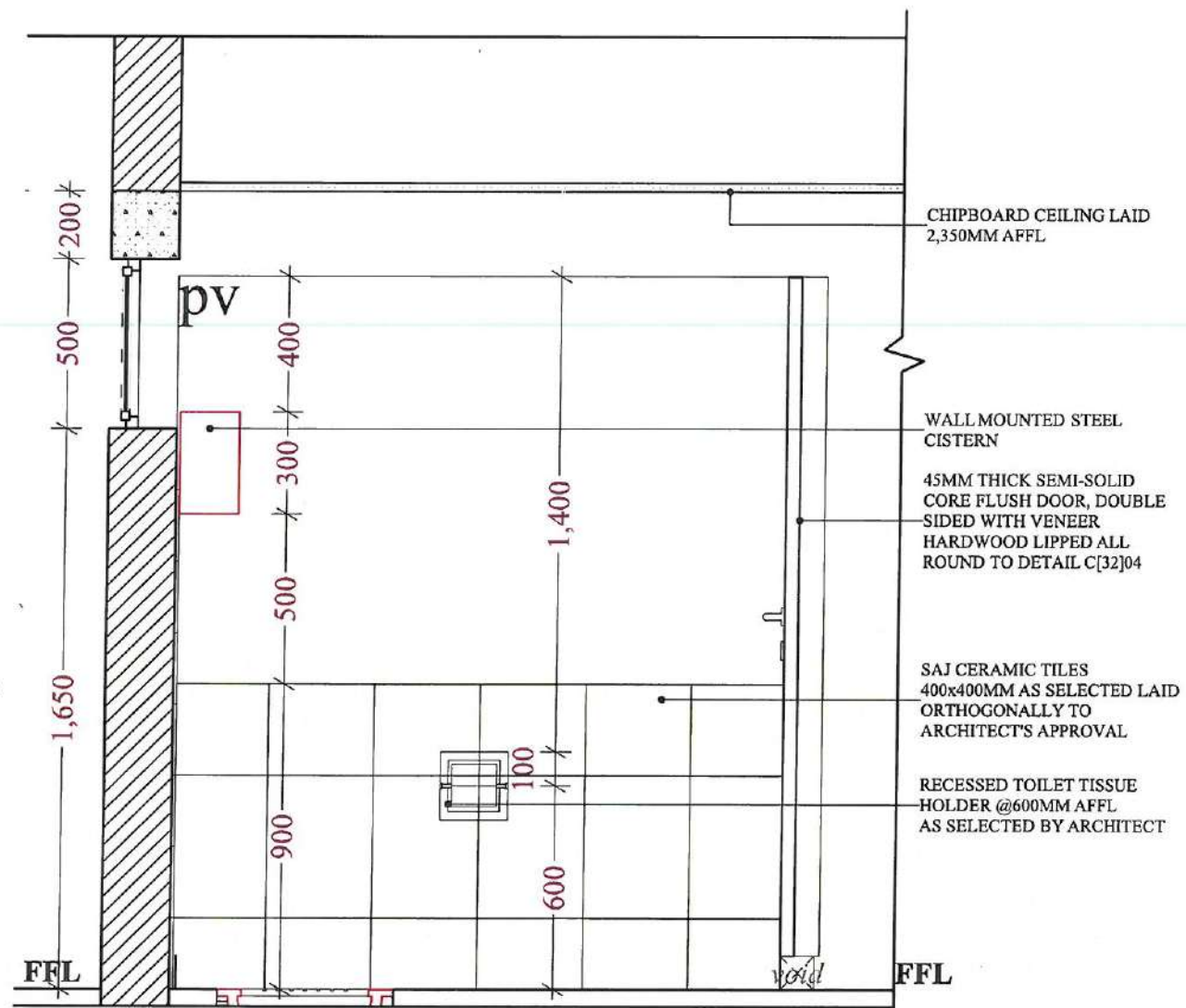
Drwn: C.M Checked: V.K

Drwg No: L[74]01 Job No: #Pln
Rev:

Handwritten signature: M. O. Juma
Handwritten signature: B. H. A.
Nairobi Metropolitan Services
DEPUTY DIRECTOR &
HEAD OF SECTION - PUBLIC WORKS
P.O. Box 10000 Nairobi



**L[74]02
TYPICAL WASHROOMS**

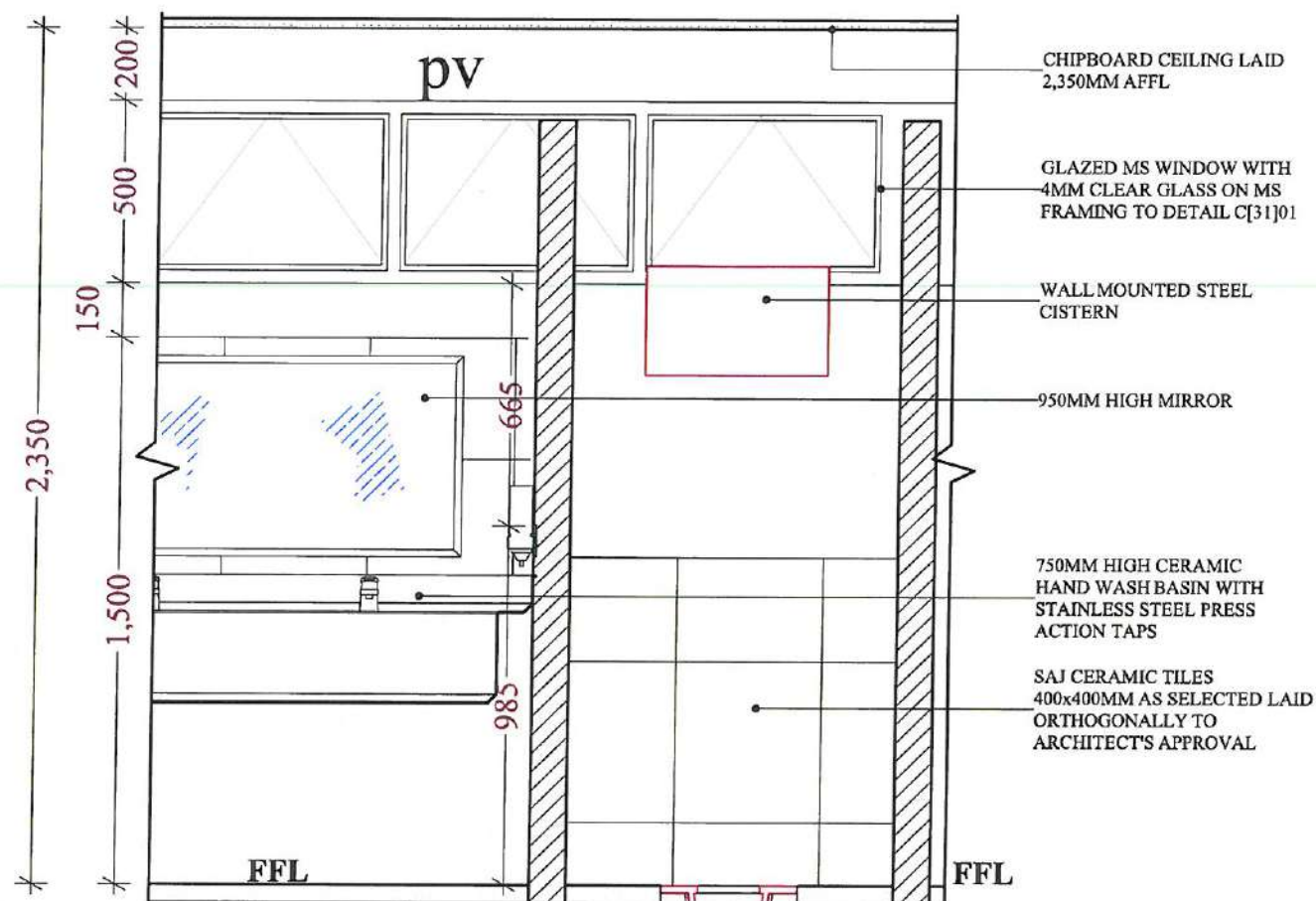


**L[74]04
TYPICAL WASHROOMS**

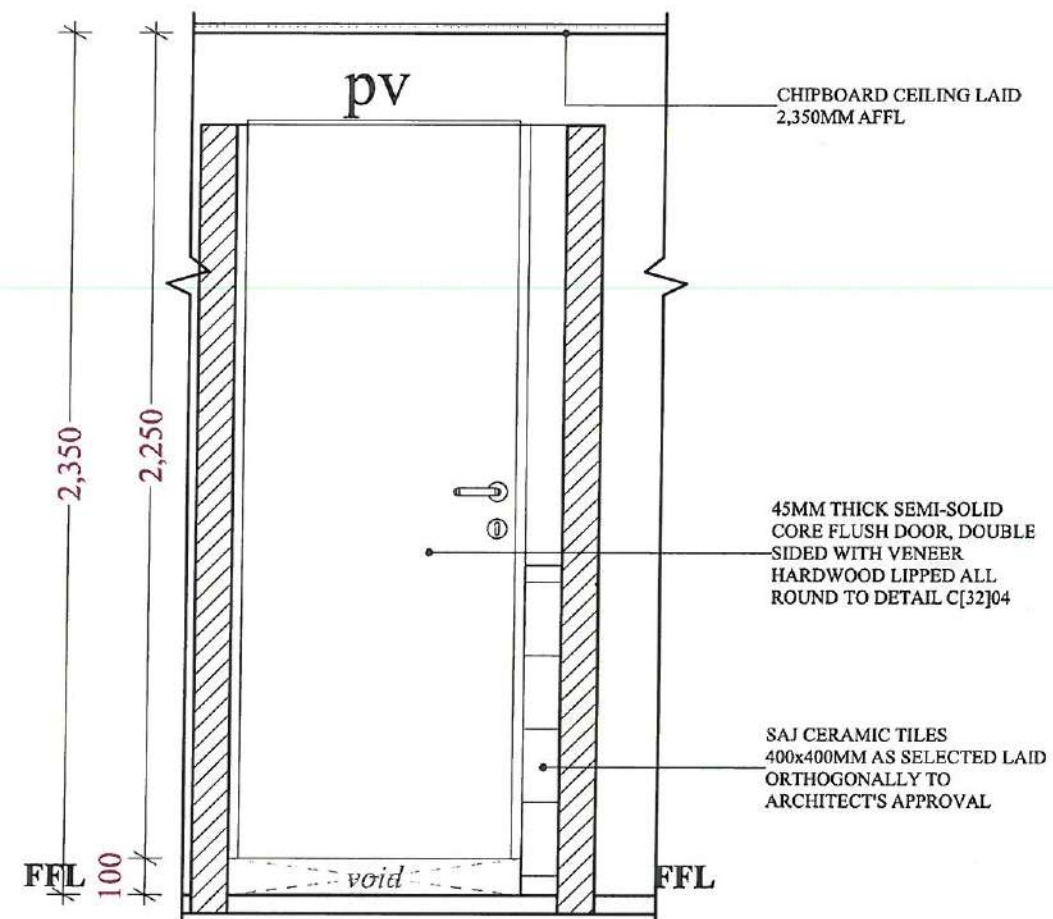
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9. PV denotes permanent air vents over doors and windows as shown on drawings
10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slabs
11. Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
12. All reinforced concrete work to Structural Engineer's drawings
13. All sanitary works to the entire satisfaction of MoH
14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
15. Provide 4500 litres water reserve tank for fire fighting only
16. Provide 1.5m hose reel with automatic shut off nozzle with automatic booster pump
17. Electrical fire alarm system to the approval of chief fire officer
18. Fire alarm & booster to be provided with secondary power supply
19. 2x9 litre water and 1x4.5 kg co2 fire extinguishers to be provided per floor
20. Provide smoke detectors in offices
21. Provide fire action plan
22. Provide fire notice exit signs
23. Provide 1No. fire blanket and 1x5kg CO2 at kitchen
24. Provide 1x30metres hose reel on each floor and 1x5kg CO2 and 1x5kg dry powder on each hose reel point
25. Subject to Customisation on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
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STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
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Drwg Name:		
TYPICAL WASHROOMS L[74]02 & 04		
Scale:	1:20	Date:
		1/27/2022
Drwn:	C.M	Checked:
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Drwg No:	Job No:	
L[74]02 & 04	#Pin	
Rev:		



**L[74]03
TYPICAL WASHROOMS**

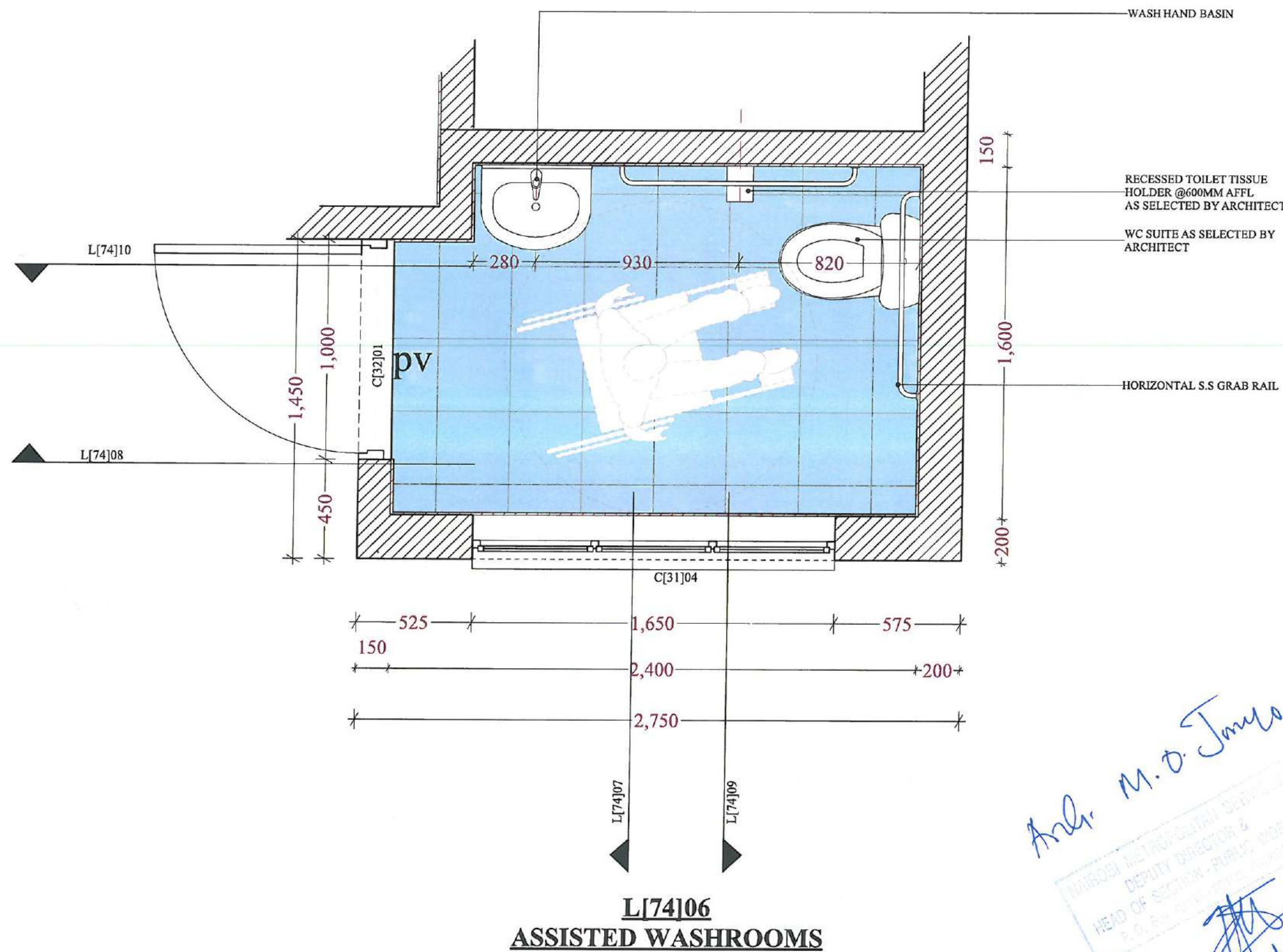


**L[74]05
TYPICAL WASHROOMS**

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9. Pv denotes permanent air vents over doors and windows as shown on drawings
10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
11. Drain pipes passing under lawns, driveways, and buildings to be encased in 150mm thick concrete surround
12. All reinforced concrete work to Structural Engineer's drawings
13. All sanitary works to the entire satisfaction of MofE
14. All roads, room water drainage and foul sewerage to Civil Engineer's drawings
15. Provide 1000 litre water reserve tank for fire fighting only
16. Provide 1x3m hose reel with automatic shut off nozzle with automatic booster pump
17. Electrical fire alarm system to the approval of chief fire officer
18. Fire alarm & booster to be provided with secondary power supply
19. 2x9 litre water and 1x1.5 kg CO2 fire extinguishers to be provided per floor
20. Provide smoke detectors in offices
21. Provide fire action plan
22. Provide fire notice exit signs
23. Provide 1No. fire blanket and 1x3kg CO2 at Kitchen
24. Provide 1x30metre hose reel on each floor and 1x3kg CO2 and 1x3kg dry powder on each floor
25. Subject to Customisation on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
TARAKIBU ARCHITECTS		
WWW.TARAKIBU.CO.KE		
Drwg Name:		
TYPICAL WASHROOMS L[74]03 & 05		
Scale:	1:20	Date:
Drwn:	C.M	Checked:
Drwg No:	L[74]03 & 05	Job No:
Rev:		#Pin



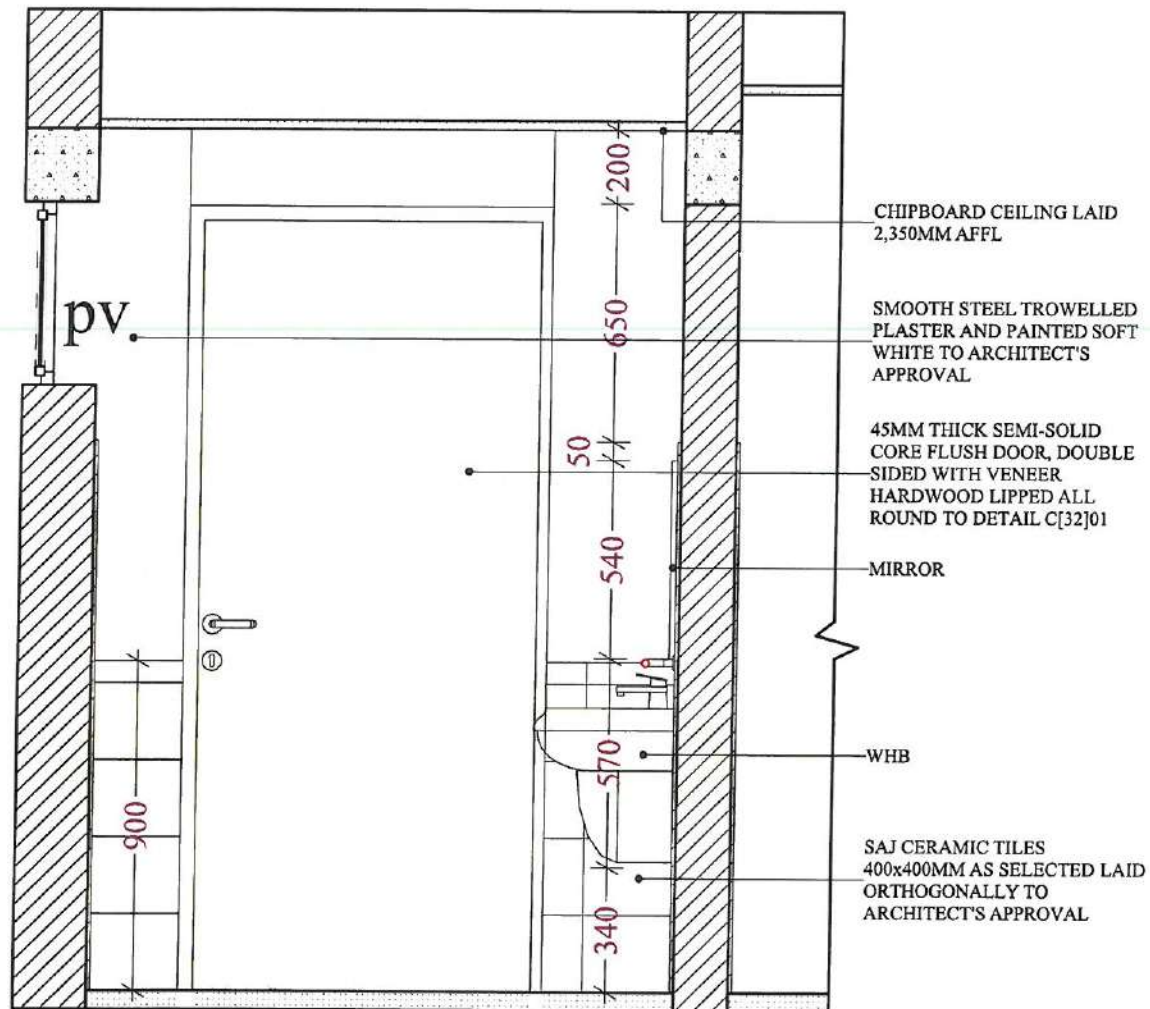
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 5. All work to be strictly in accordance to with the standard specifications and notes
 6. This drawing is to be read in conjunction with specifications and all other relevant drawings
 7. Walls below 200mm thick to be reinforced with hoop iron at every alternate course
 8. Depth of foundations to be decided on site
 9. Pv denotes permanent air vents over doors and windows as shown on drawings
 10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under footpaths, driveways, and buildings to be encased in 150mm thick concrete around
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of MWH
 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litres water reserve tank for fire fighting only
 16. Provide 100m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x3 litre water and 4x4.5 kg CO2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1No. fire blanket and 1x5kg CO2 at Kitchen
 24. Provide 1x30meters hose reel on each floor and 1x5kg CO2 and 1x9kg dry powder on each floor
 25. Subject to Customization on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
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Drwg Name:		
ASSISTED WASHROOM PLAN L[74]06		
Scale:	1:20	Date: 1/27/2022
Drwn:	C.M	Checked: V.K
Drwg No:	L[74]06	Job No: #Pin
Rev:		

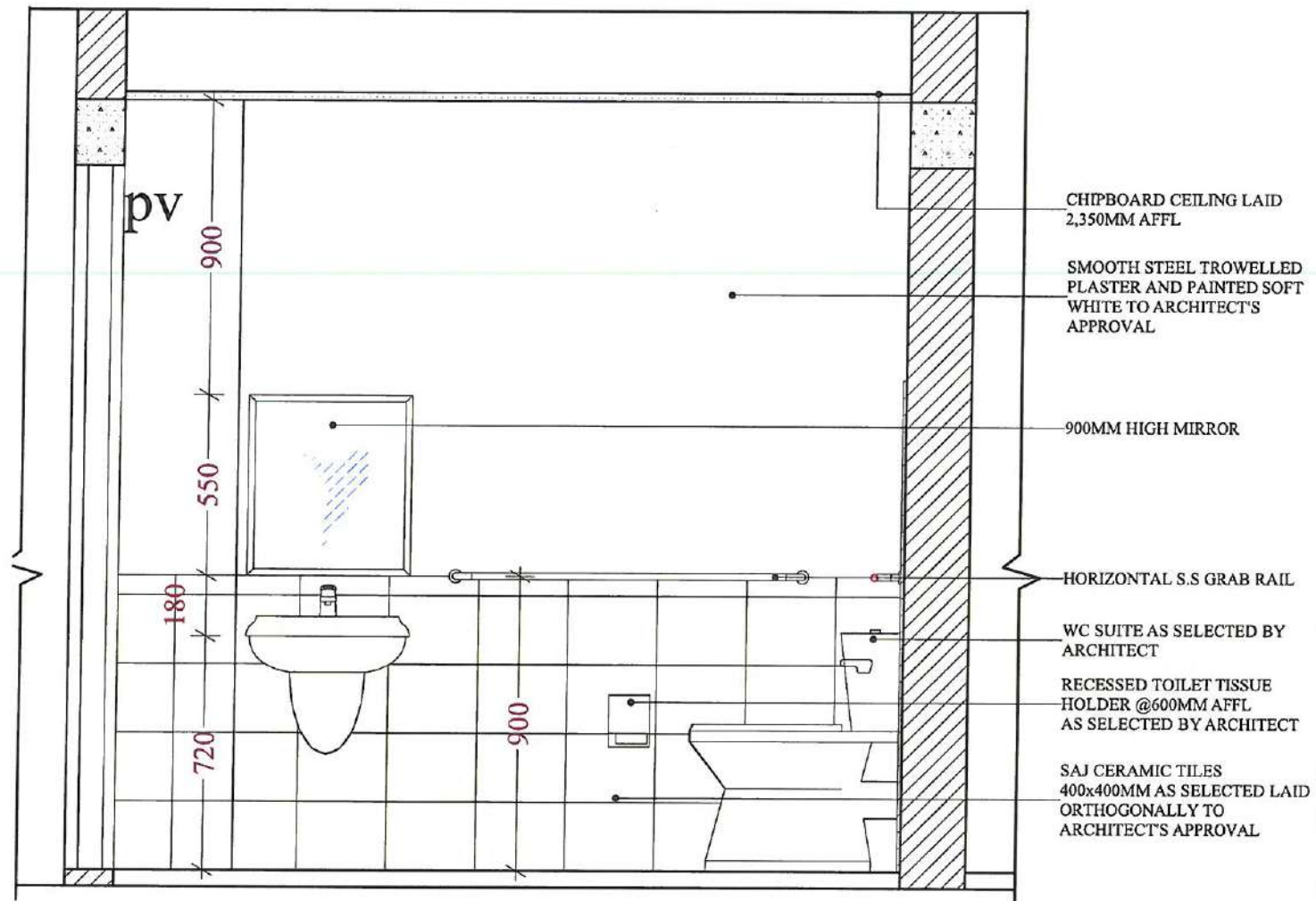
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13/7/22



L[74]07
ASSISTED WASHROOMS



L[74]08
ASSISTED WASHROOMS

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 6. This drawing is to be read in conjunction with specifications and all other relevant drawings
 7. Walls below 200mm thick to be reinforced with hoop iron at every alternate course
 8. Depth of foundations to be decided on site
 9. Pv denotes permanent air vents over doors and windows as shown on drawings
 10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 11. Drain plan passing under tarmac, driveways, and buildings to be enclosed in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of M&H
 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litres water reserve tank for fire fighting only
 16. Provide 1/2 inch hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litre water and 1x4.5 kg co2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1No. fire blanket and 1x1kg CO2 at Kitchen
 24. Provide 1x30metres hose reel on each floor and 1x1kg CO2 and 1x1kg dry powder on each floor red point
 25. Subject to Customization on site

Rev.	Date	Description
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Revisions:

Drawing Status
WORKING DRAWINGS

Project Title:
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS

Client:
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Drwg Name:
ASSISTED WASHROOM L[74]07 & 08

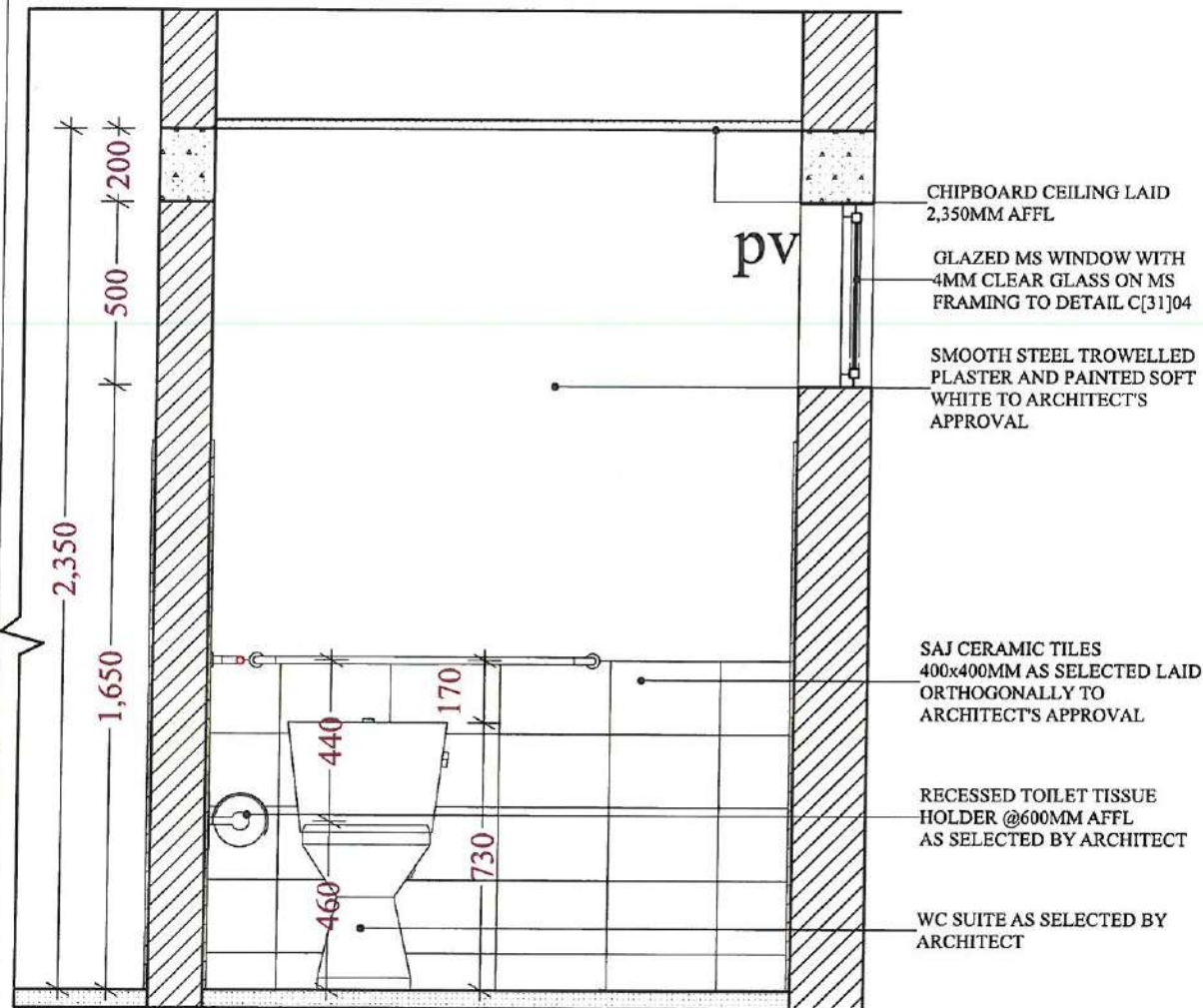
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Drwn: C.M	Checked: V.K

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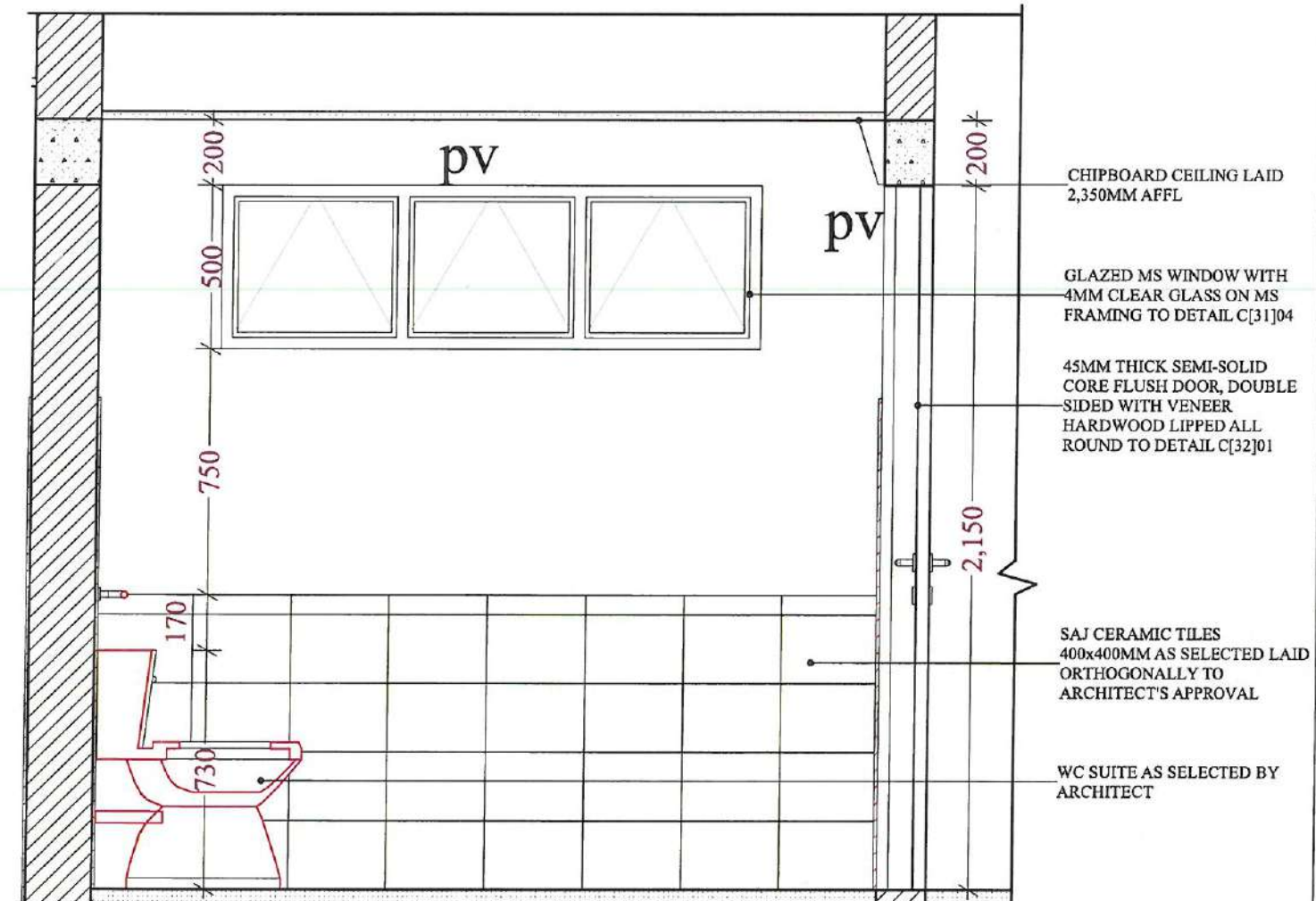
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L[74]09
ASSISTED WASHROOMS



L[74]10
ASSISTED WASHROOMS

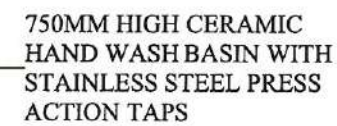
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 5. All work to be strictly in accordance with the standard specifications and notes
 6. This drawing is to be read in conjunction with specifications and all other relevant drawings
 7. Walls below 200mm thick to be reinforced with hoop iron at every alternate course
 8. Depth of foundations to be decided on site
 9. Pv denotes permanent air vents over doors and windows as shown on drawing
 10. 500g polythene sheeting and anti termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under tarmac, driveways, and buildings to be encased in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of MofH
 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litres water reserve tank for fire fighting only
 16. Provide 1.5m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litre water and 1x4.5 kg co2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1No. fire blanket and 1x1kg CO2 at Kitchen
 24. Provide 1x30meters hose reel on each floor and 1x1kg CO2 and 1x1kg dry powder on each hose reel point
 25. Subject to Customization on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
TARAKIBU ARCHITECTS		
WWW.TARAKIBU.CO.KE		
Drwg Name:		
ASSISTED WASHROOM L[74]09 & 10		
Scale:	1:20	Date:
Drwn:	C.M	Checked:
		V.K
Drwg No:	L[74]09 & 10	Job No:
		#Pin
		Rev:

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Handwritten date: 13/7/22

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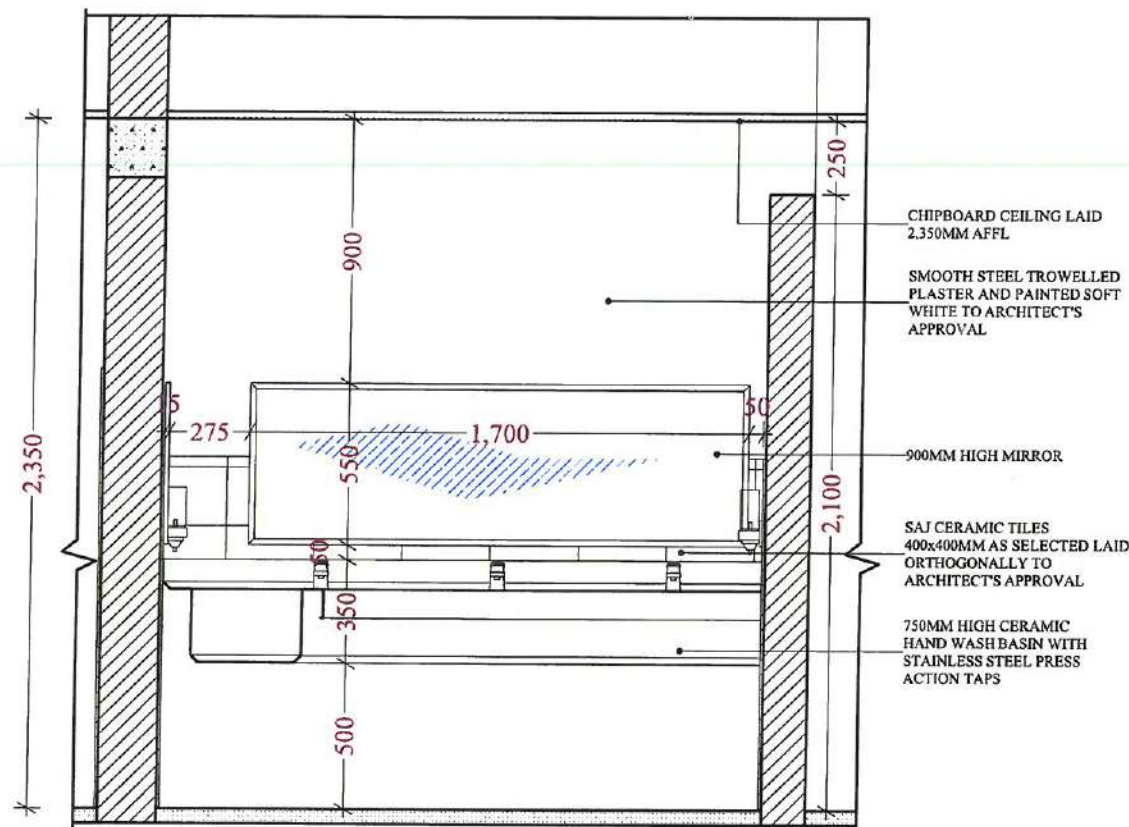


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 12/7/12

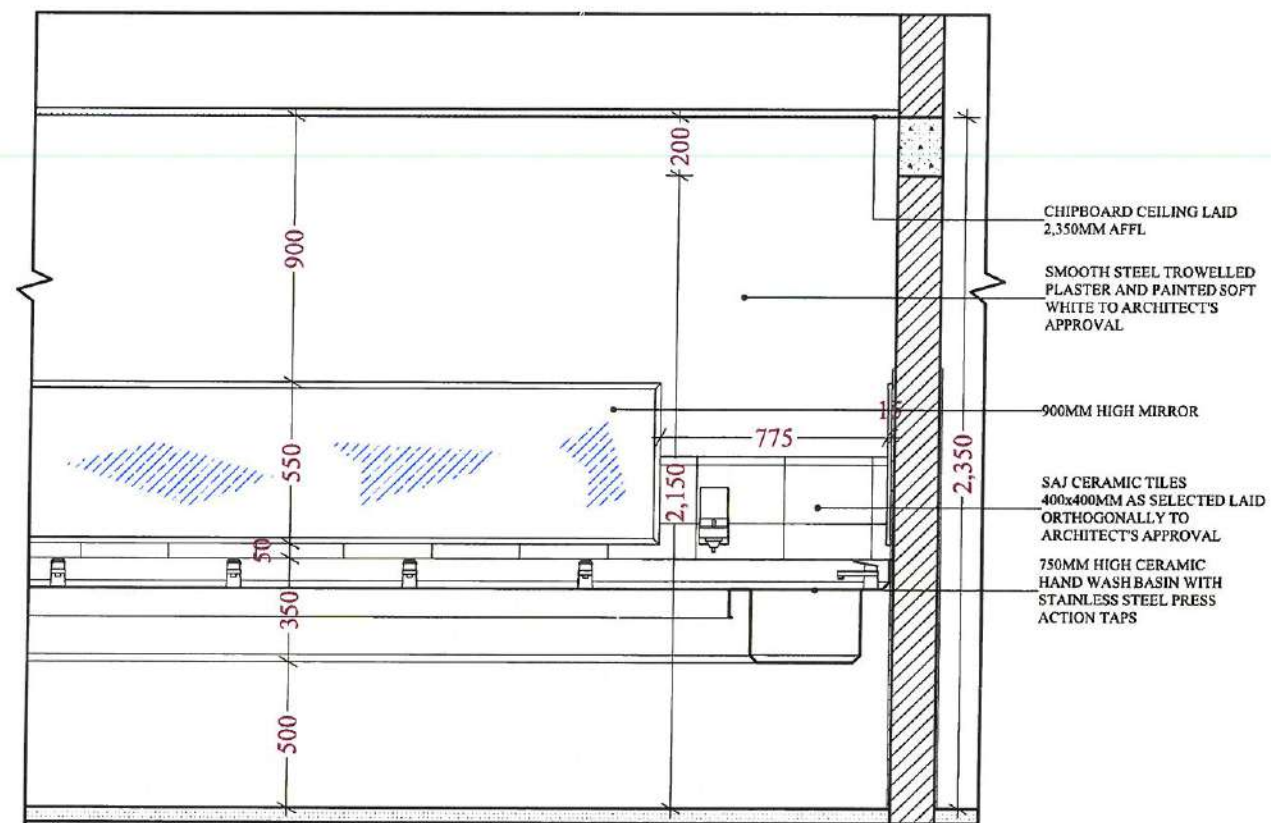
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| Drwg No:

L[74]11 | Job No:

#Pin |
| | Revs: |



L[74]12
WASH HAND BASIN ELEVATION 01



L[74]13
WASH HAND BASIN ELEVATION 02

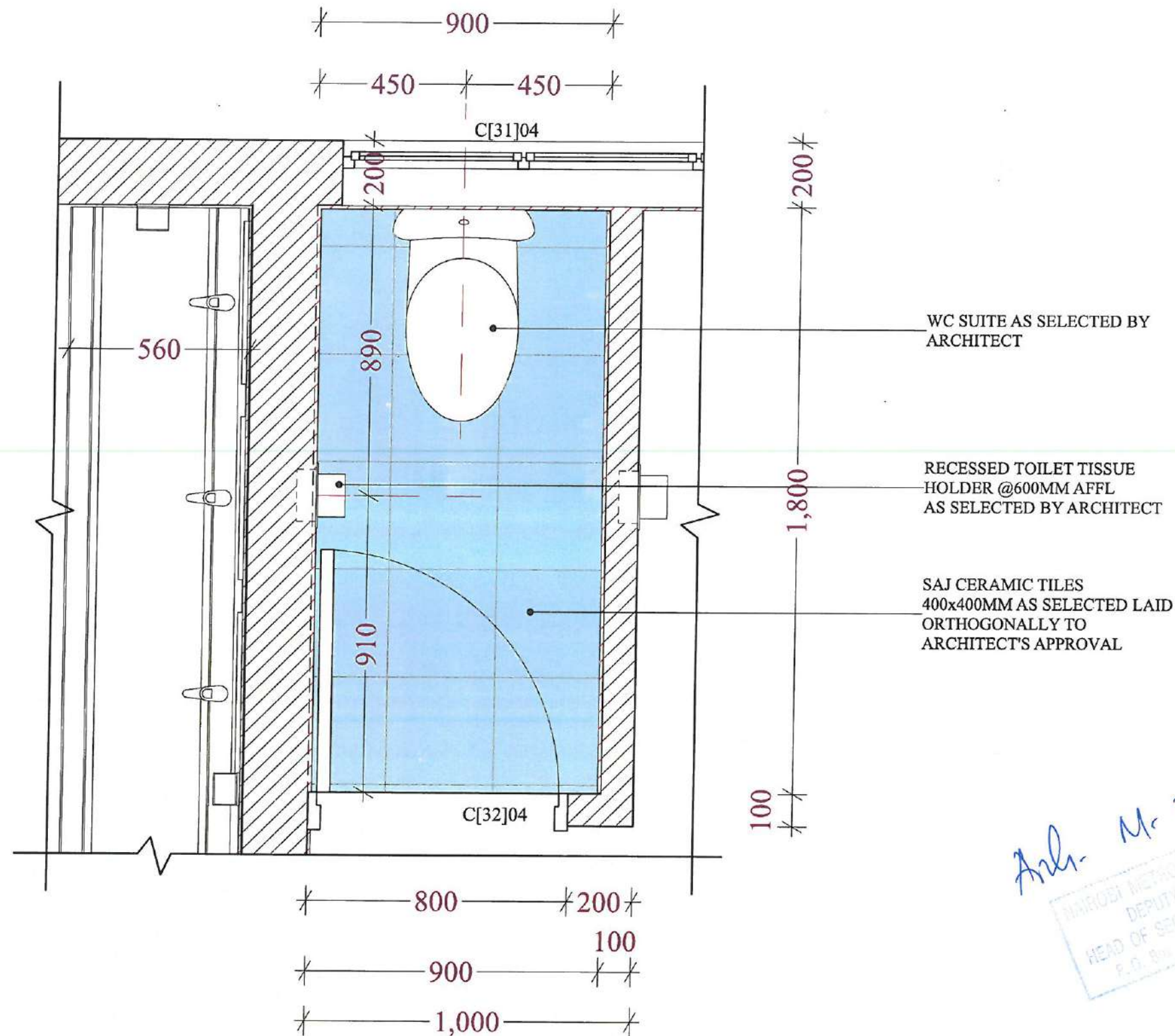
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 - All work to be strictly in accordance with the standard specifications and notes
 - This drawing is to be read in conjunction with specifications and all other relevant drawings
 - Walls below 200mm thick to be reinforced with hoop iron at every alternate course
 - Depth of foundations to be decided on site
 - Pv denotes permanent air vents over doors and windows as shown on drawings
 - 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 - Drain pipes passing under tarmac, driveways, and buildings to be encased in 150mm thick concrete (concrete)
 - All reinforced concrete work to Structural Engineer's drawings
 - All sanitary works to the entire satisfaction of MoH
 - All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 - Provide 4500 litre water reserve tank for fire fighting only
 - Provide 150m hose reel with automatic shut off nozzle with automatic booster pump
 - Electrical fire alarm system to the approval of chief fire officer
 - Fire alarm & booster to be provided with secondary power supply
 - 2x8 fire water and 1x4.5 kg c.o.2 fire extinguishers to be provided per floor
 - Provide smoke detectors in offices
 - Provide fire action plan
 - Provide fire notice exit signs
 - Provide 1No. fire blanket and 1x5kg CO₂ at Kitchen
 - Provide 1x30meters hose reel on each floor and 1x5kg CO₂ and 1x5kg dry powder on each hose reel point
 - Subject to Customization on site

Rev.	Date	Description
Revisions:		
Drawing Status		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
		
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Scale:	1:25	Date:
Drwn:	C.M	Checked:
Drwg No:	L[74]12 & 13	Job No:
Rev:		#Pin



L[74]14
STAFF WASHROOMS

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5. All work to be strictly in accordance to with the standard specifications and notes
6. This drawing is to be read in conjunction with specifications and all other relevant drawings
7. Walls below 200mm thick to be reinforced with hoop iron at every alternate course
8. Depth of foundations to be decided on site
9. P.v denotes permanent air vents over doors and windows as shown on drawings
10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
11. Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
12. All reinforced concrete work to Structural Engineer's drawings
13. All masonry work to the entire satisfaction of M.H.I
14. All roads, storm water drainage and foul sewers to Civil Engineer's drawings
15. Provide 4500 litres water reserve tank for fire fighting only
16. Provide 1.5m hose reel with automatic shut off nozzle with automatic booster pump
17. Electrical fire alarm system to the approval of chief fire officer
18. Fire alarm & booster to be provided with secondary power supply
19. 2kg fire extinguisher and 1x4.5 kg CO2 fire extinguishers to be provided per floor
20. Provide smoke detectors in offices
21. Provide fire action plan
22. Provide fire notice exit signs
23. Provide 1kg fire blanket and 1x5kg CO2 at Kitchen
24. Provide 1x30mm hose reel on each floor and 1x5kg CO2 and 1x5kg dry powder on each hose reel point
25. Subject to Customization on site

Rev.	Date	Description
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Revisions:

Drawing Status

WORKING DRAWINGS

Project Title:

STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS

Client:

ROTARY CLUB OF KAREN

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Drwg Name:

STAFF WASHROOM PLAN L[74]14

Scale:

1:15

Date:

1/27/2022

Drwn:

C.M

Checked:

V.K

Drwg No:

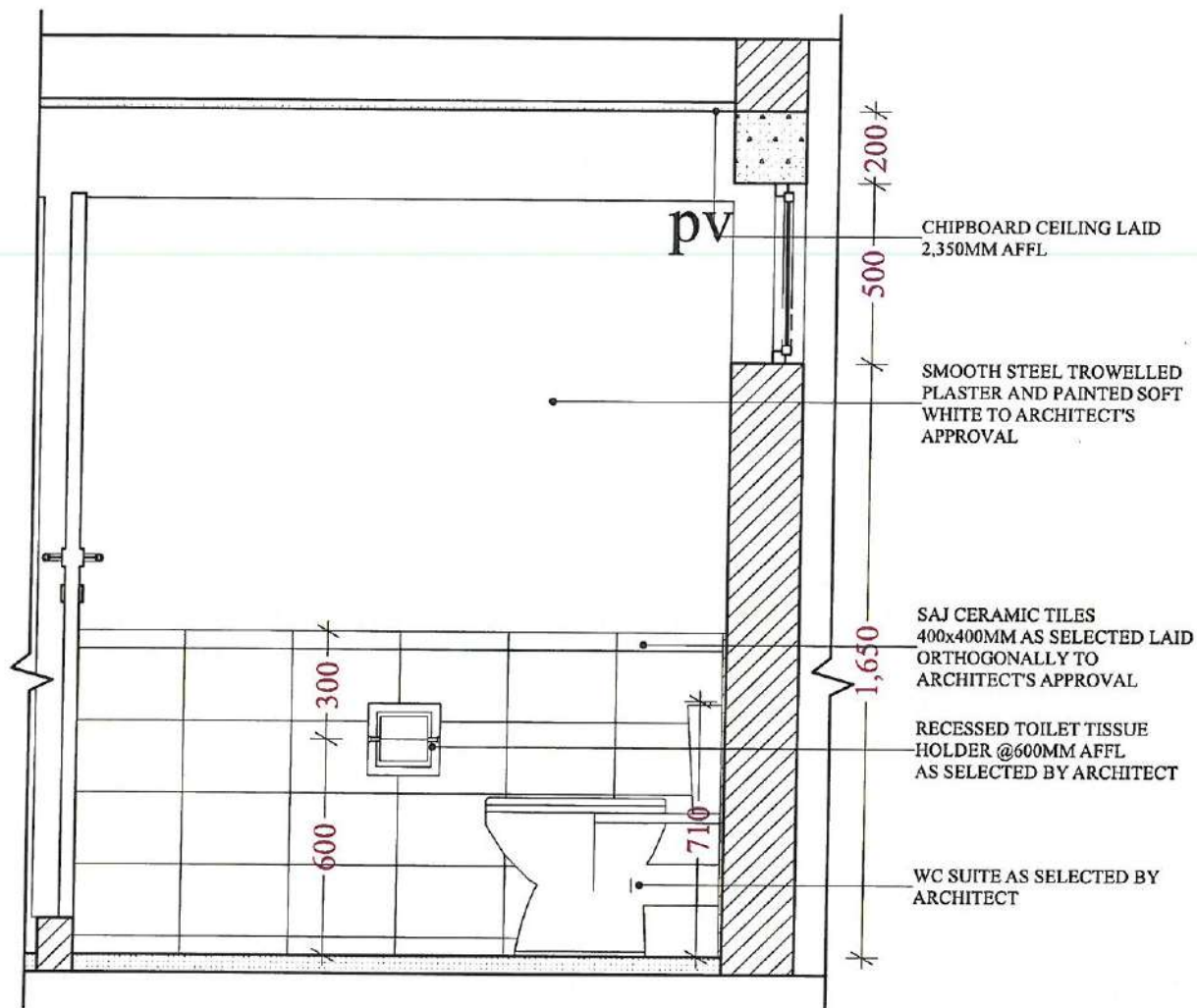
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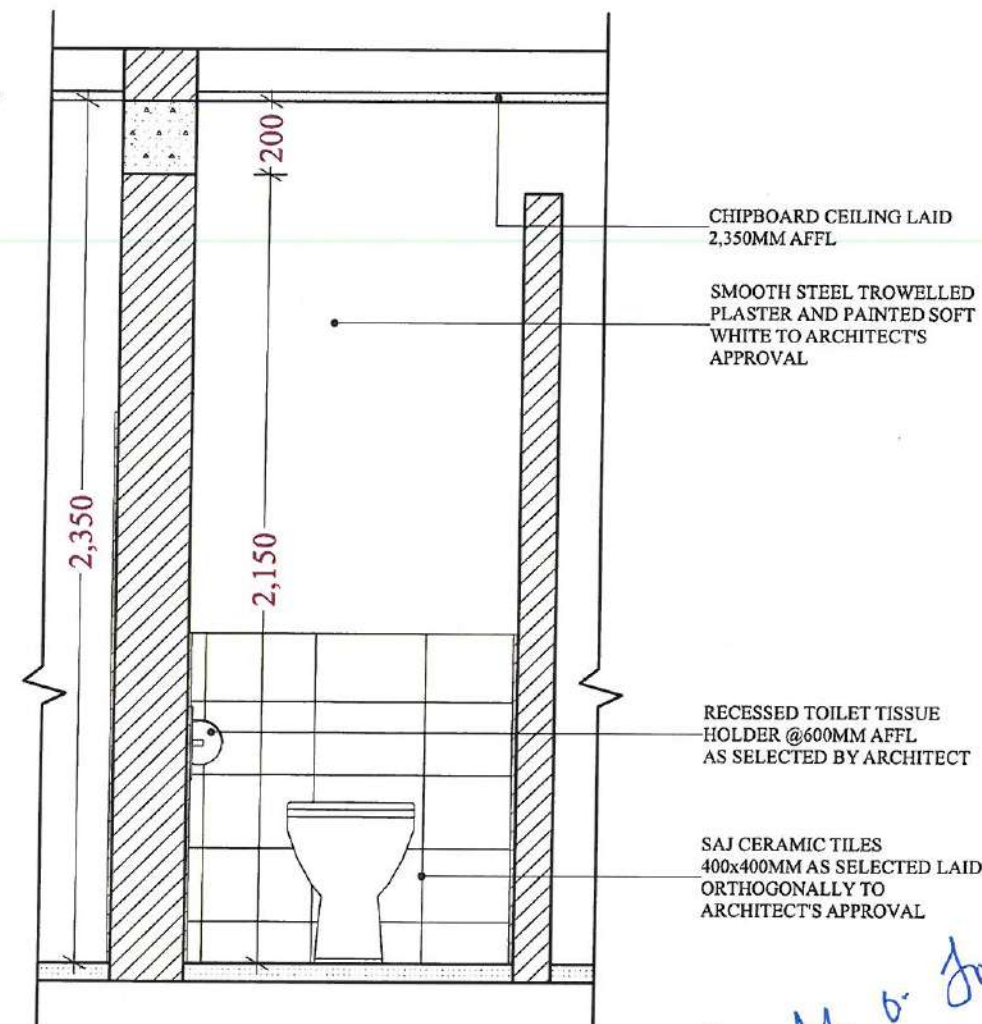
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Rev:

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DEPUTY DIRECTOR &
HEAD OF SECTION - PUBLIC WORKS
P.O. Box 27777, Nairobi
18/7/22



**L[74]15
STAFF WASHROOMS**



**L[74]16
STAFF WASHROOMS**

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6. This drawing is to be read in conjunction with specifications and all other relevant drawings
7. Walls below 200mm thick to be reinforced with hoop iron at every alternate course
8. Depth of foundations to be decided on site
9. Provide permanent air vents over doors and windows as shown on drawings
10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
11. Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
12. All reinforced concrete work to Structural Engineer's drawings
13. All sanitary work to the entire satisfaction of MWH
14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
15. Provide 4500 litres water reserve tank for fire fighting only
16. Provide 1.5m hose reel with automatic shut off nozzle with automatic booster pump
17. Electrical fire alarm system to the approval of chief fire officer
18. Fire alarm & booster to be provided with secondary power supply
19. 2x9 litre water and 1x4.5 kg CO2 fire extinguishers to be provided per floor
20. Provide smoke detectors in offices
21. Provide fire action plan
22. Provide fire notice exit signs
23. Provide 1No. fire blanket and 1kg CO2 at Kitchen
24. Provide 1x30meters hose reel on each floor and 1xkg CO2 and 1xkg dry powder on each hose reel point
25. Subject to Customization on site

Rev.	Date	Description
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Revisions:

Drawing Status

WORKING DRAWINGS

Project Title:

STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS

Client:

ROTARY CLUB OF KAREN



Drwg Name:

STAFF WASHROOM L[74]15 & 16

Scale:

1:20

Date:

1/27/2022

Drwn:

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Checked:

V.K

Drwg No:

L[74]15 & 16

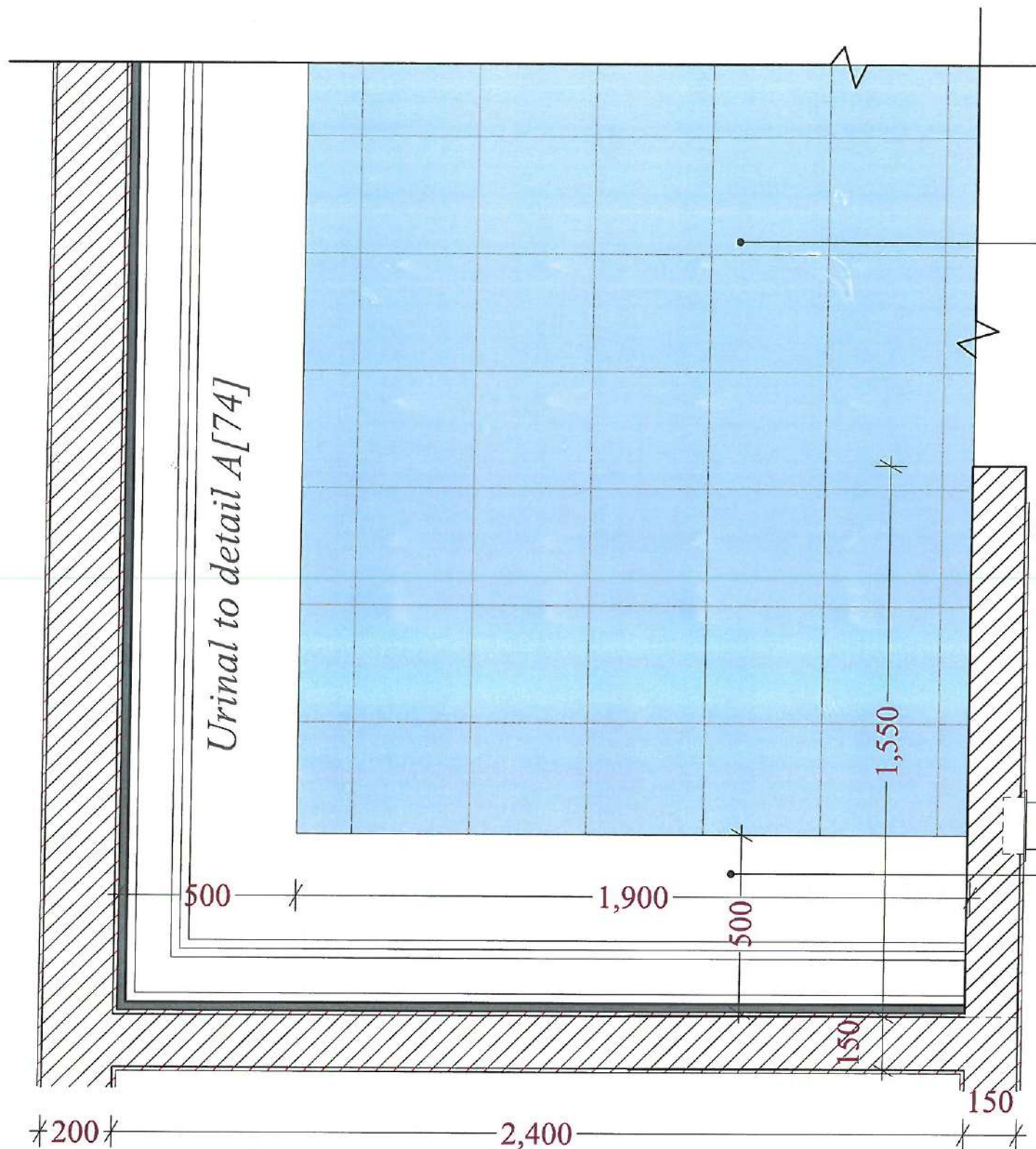
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Arch. M. O. Juma





SAJ CERAMIC TILES
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ORTHOGONALLY TO
ARCHITECT'S APPROVAL

TERRAZO URINAL UPTO 1,200 AFFL TO
DETAIL A[74]

**L[74]17
URINAL PLAN**

Arch. M. O. Jomo
MARIO MATHIAS SANTANA
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8. Depth of foundations to be decided on site
9. P.v denotes permanent air vents over doors and windows as shown on drawings
10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
11. Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
12. All reinforced concrete work to Structural Engineer's drawings
13. All sanitary works to the entire satisfaction of MofT
14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
15. Provide 4500 litre water reserve tank for fire fighting only
16. Provide 1.5m hose reel with automatic shut off nozzle with automatic booster pump
17. Electrical fire alarm system to the approval of chief fire officer
18. Fire alarm & booster to be provided with secondary power supply
19. 200 litre water and 14.5 kg co2 fire extinguishers to be provided per floor
20. Provide smoke detectors in offices
21. Provide fire action plan
22. Provide fire notice exit signs
23. Provide 1 No. fire blanket and 1kg CO2 at Kitchen
24. Provide 1x30meters hose reel on each floor and 1kg CO2 and 1kg dry powder on each hose reel point
25. Subject to Customization on site

Rev.	Date	Description
Revisions:		

Revisions:

Drawing Status
WORKING DRAWINGS

Project Title:
STANDARD TEMPLATE LAYOUT FOR SCHOOL
PUBLIC TOILETS

Client:
ROTARY CLUB OF
KAREN

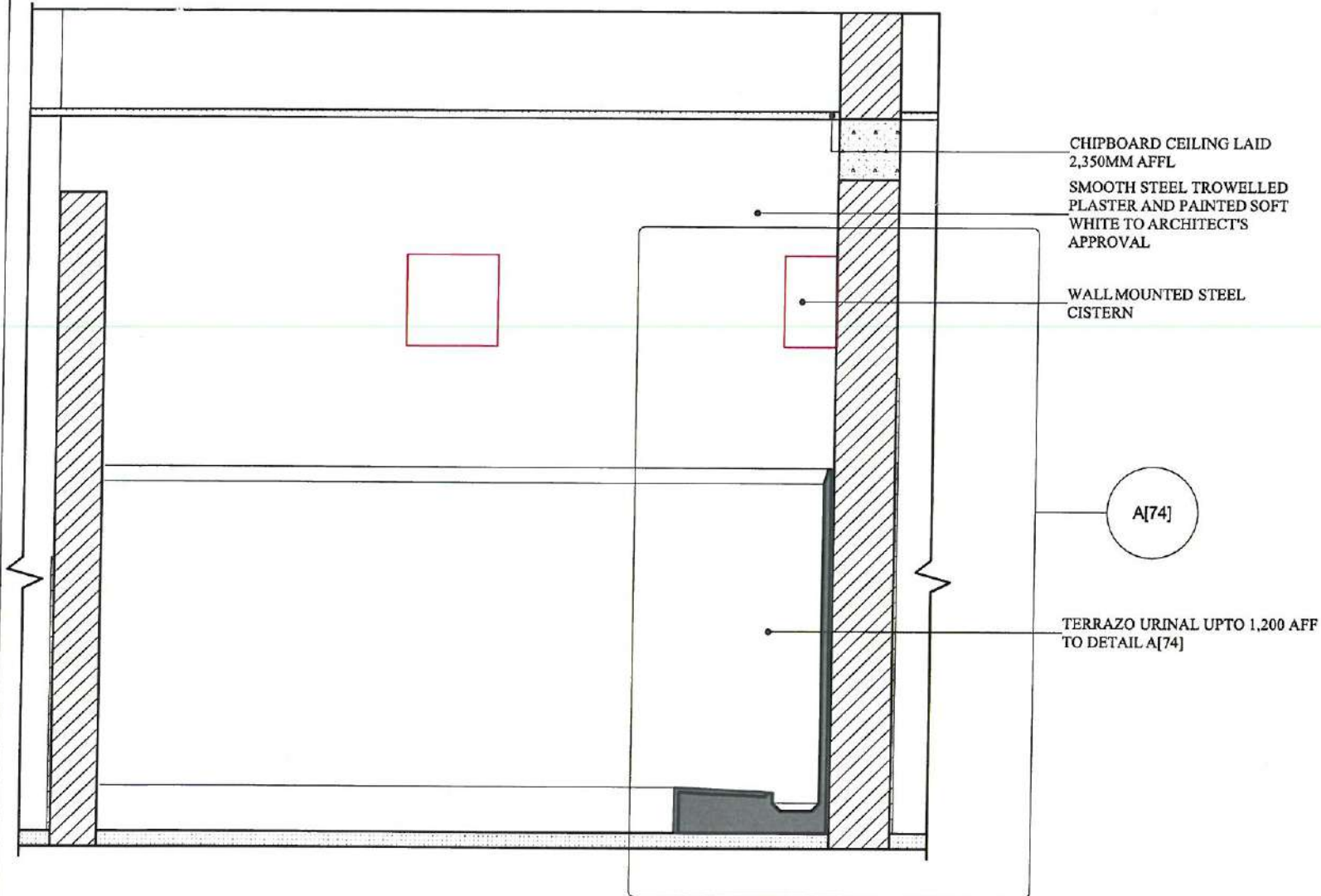
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Drwg Name:
URINAL DETAIL PLAN L[74]17

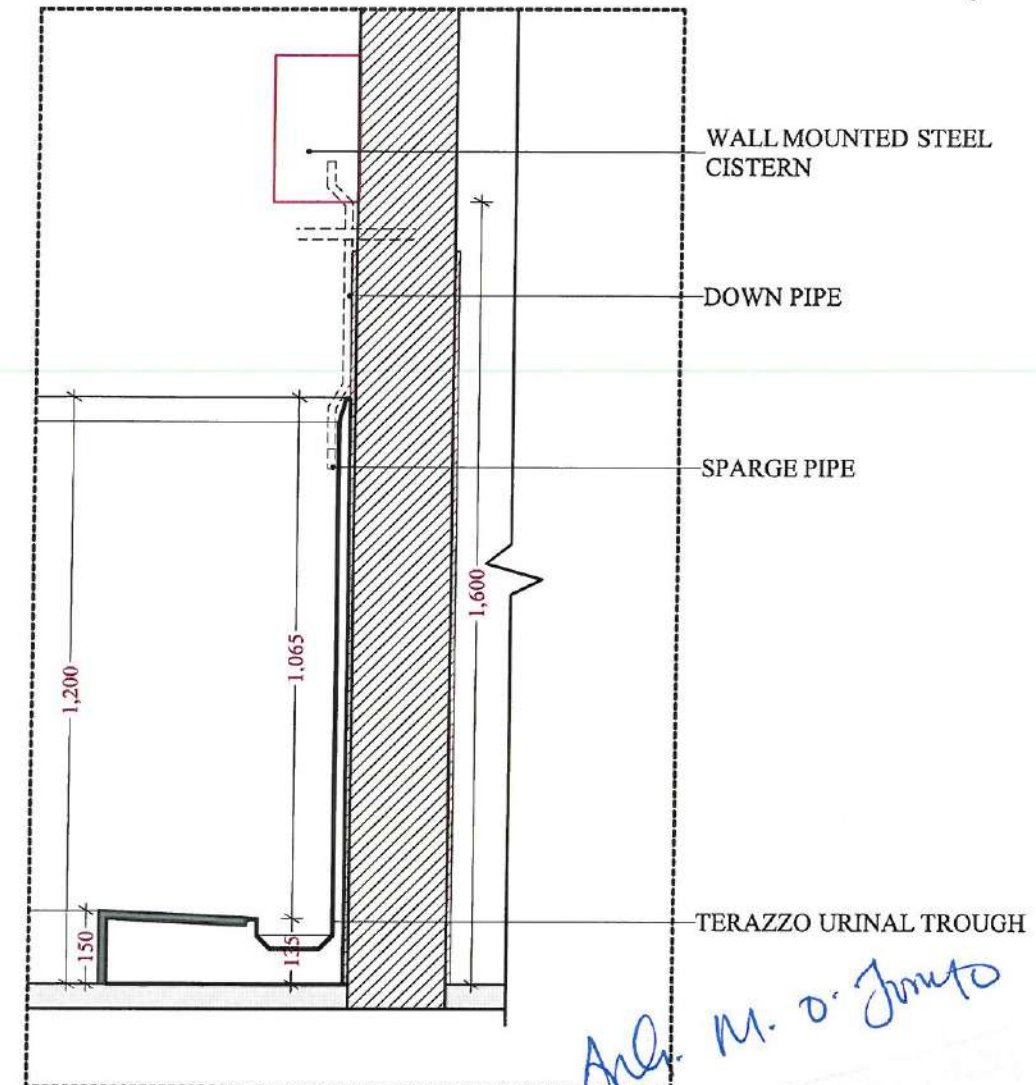
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Drawn: C.M. Checked: V.K.

Drwg No: L[74]17 Job No: #Pln
Rev:



L[74]18
URINAL AREA



A[74]
URINAL DETAIL

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 8. Depth of foundations to be decided on site
 9. Pv denotes permanent air vents over doors and windows as shown on drawings
 10. 500g polythene sheeting and anti termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under terraces, driveways, and buildings to be enclosed in 150mm thick concrete so around
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of MofE
 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litres water reserve tank for fire fighting only
 16. Provide 1.2m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litres water and 1x4.5 kg co2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 1No. fire blanket and 1x3kg CO2 at Kitchen
 24. Provide 1x30metres hose reel on each floor and 1x3kg CO2 and 1x3kg dry powder on each floor exit point
 25. Subject to Customization on site

Rev.	Date	Description
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Revisions:

Drawing Status
WORKING DRAWINGS

Project Title:
STANDARD TEMPLATE LAYOUT FOR SCHOOL
PUBLIC TOILETS

Client:
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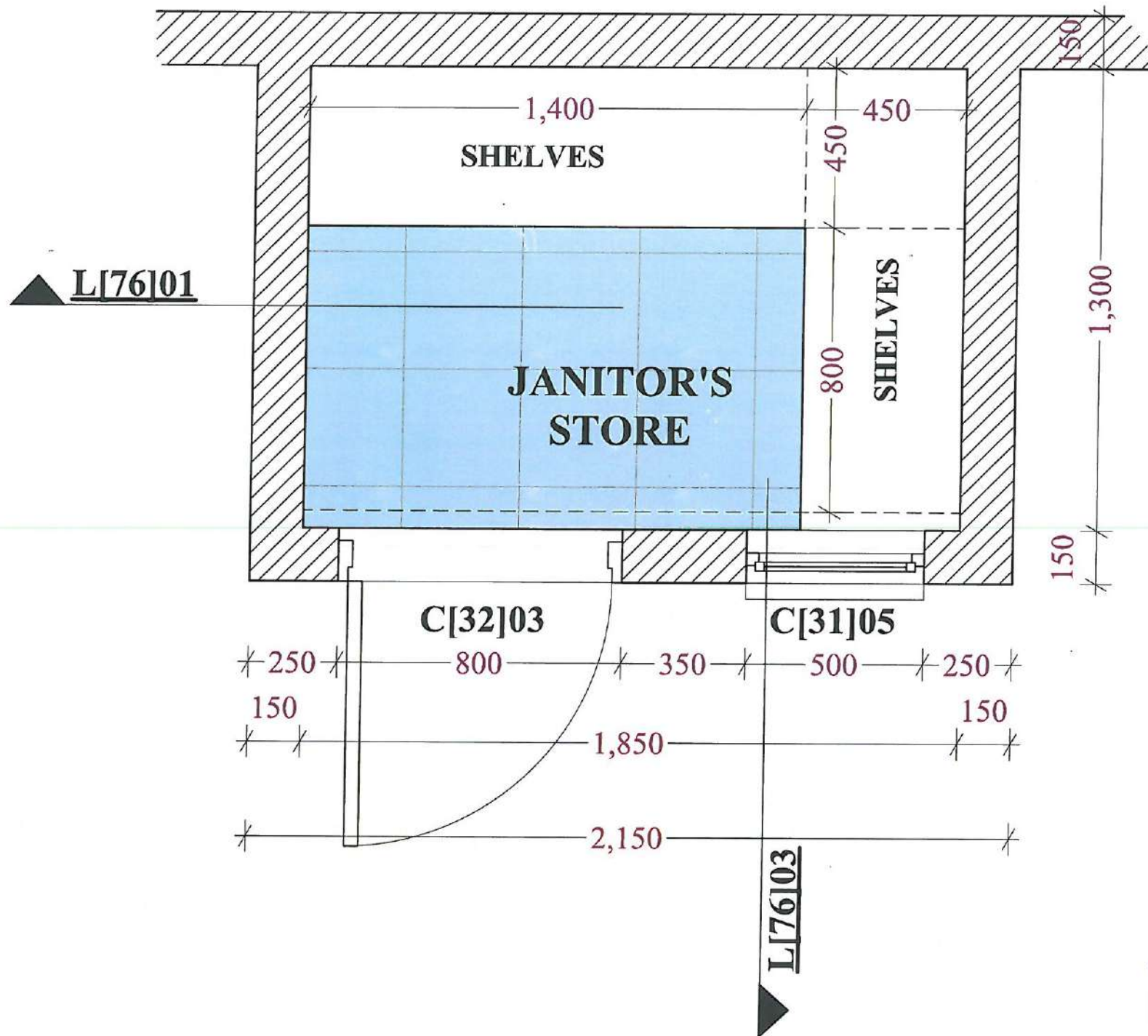
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URINAL DETAIL L[74]18 & A[74]

Scale:
1:20, 1:15
Date:
1/27/2022

Drawn:
C.M
Checked:
V.K

Drwg No:
L[74]18 & A[74]
Job No:
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Rev:

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L[76]01
JANITOR'S STORE PLAN

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 6. This drawing is to be read in conjunction with specifications and all other relevant drawings
 7. Walls below 200mm thick to be reinforced with hoop iron at every alternate course
 8. Depth of foundations to be decided on site
 9. P.V. ducts permanent air vents over doors and windows as shown on drawings
 10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under terrace, driveway, and buildings to be encased in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of MWH
 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4000 litres water reserve tank for fire fighting only
 16. Provide 100m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of club fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2x9 litre water and 1x1.5 kg CO2 fire extinguishers to be provided per floor
 20. Provide smoke detector in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 100% fire blanket and 1x1kg CO2 at Kitchen
 24. Provide 1x30metres hose reel on each floor and 1x1kg CO2 and 1x9kg dry powder on each hose reel point
 25. Subject to Customization on site

Rev.	Date	Description
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Revisions:

Drawing Status
WORKING DRAWINGS

Project Title:
STANDARD TEMPLATE LAYOUT FOR SCHOOL
PUBLIC TOILETS

Client:
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Drwg Name:
L[96]01 SHELVING PLAN

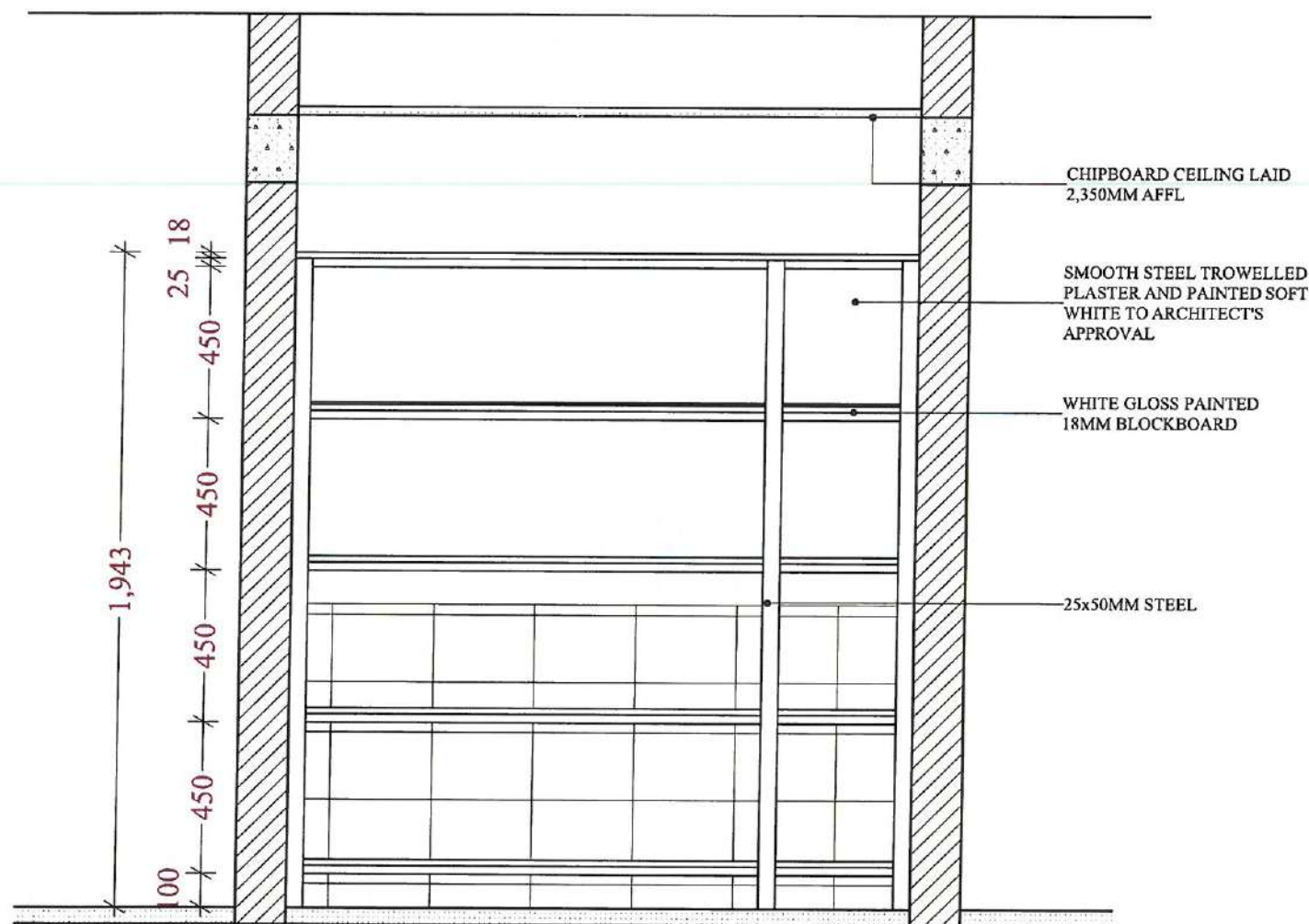
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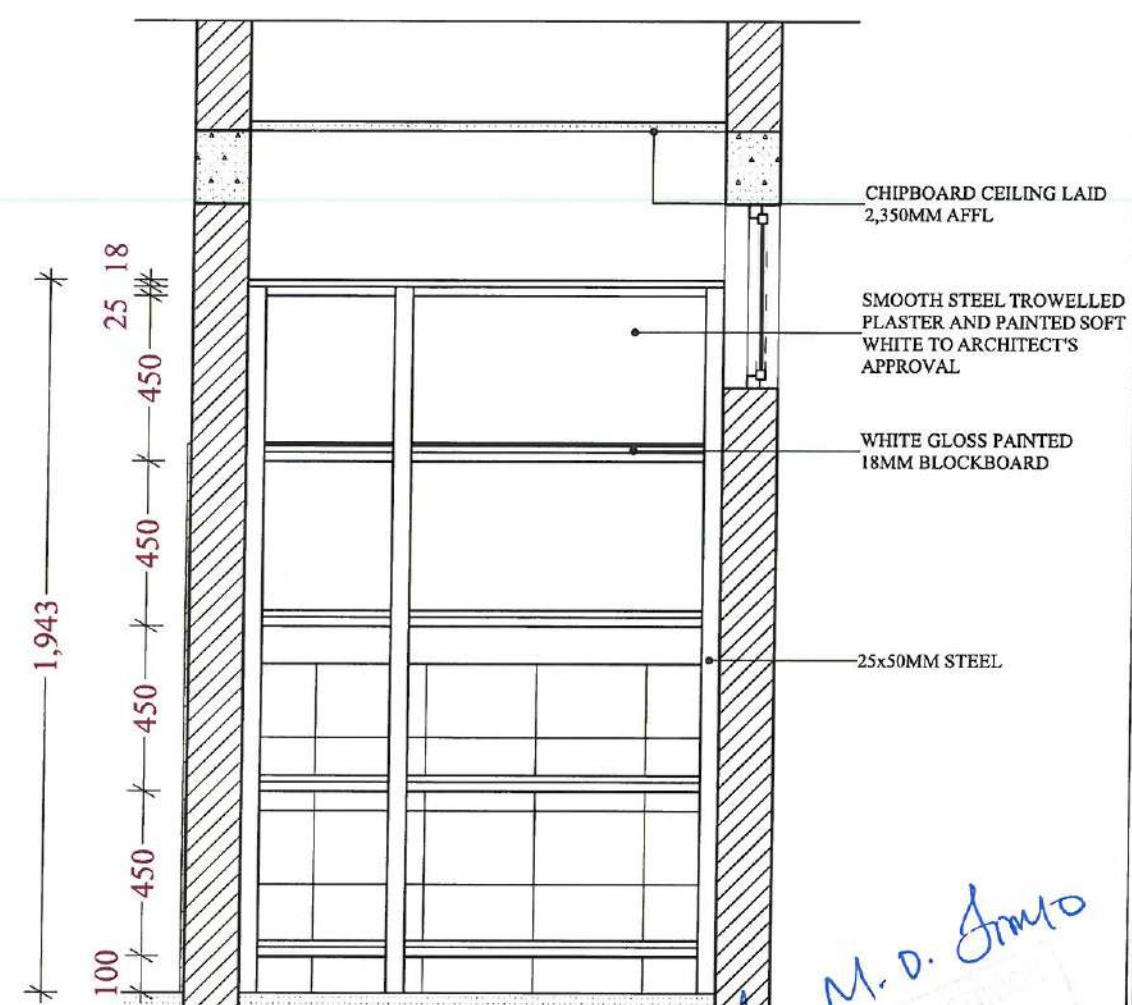
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Rev:	

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L[76]02
JANITOR'S STORE
SHELVING



L[76]03
JANITOR'S STORE
SHELVING

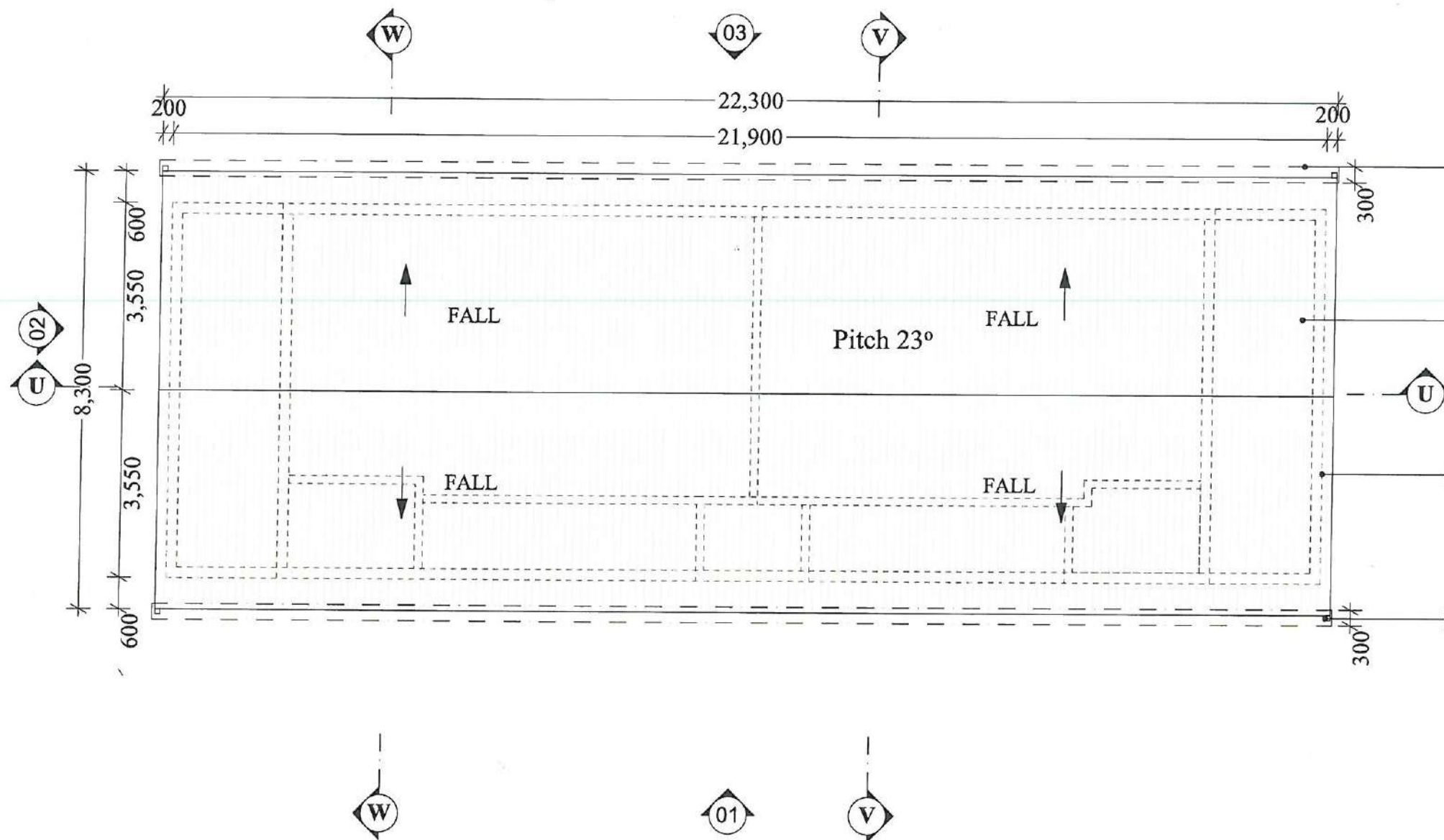
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8. Depth of foundations to be decided on site
9. Pv denotes permanent air vents over doors and windows as shown on drawings
10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
11. Drain pipes passing under lanes, driveways, and buildings to be encased in 150mm thick concrete surround
12. All reinforced concrete work to Structural Engineer's drawings
13. All sanitary works to the entire satisfaction of MoH
14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
15. Provide 4500 litre water reserve tank for fire fighting only
16. Provide 1.5m hose reel with automatic shut off nozzle with automatic booster pump
17. Electrical fire alarm system to the approval of chief fire officer
18. Fire alarm & booster to be provided with secondary power supply
19. 2x9 litre water and 1x4.5 kg on 2 fire extinguishers to be provided per floor
20. Provide smoke detectors in offices
21. Provide fire action plan
22. Provide fire notice exit signs
23. Provide 1No. fire blanket and 1x5kg CO₂ in Kitchen
24. Provide 1x30m hose reel on each floor and 1x5kg CO₂ and 1x9kg dry powder on each hose reel point
25. Subject to Customization on site

Rev.	Date	Description
Revisions:		
Drawing Status:		
WORKING DRAWINGS		
Project Title:		
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS		
Client:		
ROTARY CLUB OF KAREN		
DONATED BY		
TARAKIBU ARCHITECTS		
WWW.TARAKIBU.CO.KE		
Drwg Name:		
JANITOR STORE SHELVING L[96]02&03		
Scale:	1:20	Date:
		1/27/2022
Drwn:	C.M	Checked:
		V.K
Drwg No:	Job No:	
L[96]02&03	#Pin	
	Rev:	

Arch. M. D. Jomo

18/7/22



"U" PVC Gutter fixed onto fascia board with approved fixing brackets

Prepainted IT5, 28 gauge Sheets to S.E's details

Profile of RC beam below

Down pipe

**L[27]01
ROOF PLAN**

- NOTES**
1. This drawing is copyright ©
 2. Do not scale off this drawing
 3. All levels and dimensions to be checked on site before any building work commences
 4. Any discrepancies to be reported to the office of the consultant
 5. All work to be strictly in accordance to with the standard specifications and notes
 6. This drawing is to be read in conjunction with specifications and all other relevant drawings
 7. Walls below 200mm thick to be reinforced with hoop iron at every alternate course
 8. Depth of foundations to be decided on site
 9. Pv denotes permanent air vents over doors and windows as shown on drawings
 10. 500g polythene sheeting and anti-termite treatment to be provided under ground floor concrete slab
 11. Drain pipes passing under terraces, driveways, and buildings to be encased in 150mm thick concrete surround
 12. All reinforced concrete work to Structural Engineer's drawings
 13. All sanitary works to the entire satisfaction of M.O.H
 14. All roads, storm water drainage and foul sewerage to Civil Engineer's drawings
 15. Provide 4500 litres water reserve tank for fire fighting only
 16. Provide 1.5m hose reel with automatic shut off nozzle with automatic booster pump
 17. Electrical fire alarm system to the approval of chief fire officer
 18. Fire alarm & booster to be provided with secondary power supply
 19. 2.0 litre water and 4.5 kg co2 fire extinguishers to be provided per floor
 20. Provide smoke detectors in offices
 21. Provide fire action plan
 22. Provide fire notice exit signs
 23. Provide 10kg fire blanket and 1kg CO2 at kitchen
 24. Provide 1.5m hose reel on each floor and 1kg CO2 and 1kg dry powder on each floor
 25. Subject to Customization on site

Rev.	Date	Description
Revisions:		

Drawing Status

WORKING DRAWINGS

Project Title:

STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS

Client:

ROTARY CLUB OF KAREN

DONATED BY
TARAKIBU ARCHITECTS
WWW.TARAKIBU.CO.KE

Drwg Name:

ROOF PLAN

Scale:

1:100

Date:

1/27/2022

Drawn:

C.M

Checked:

V.K

Drwg No:

L[27]01

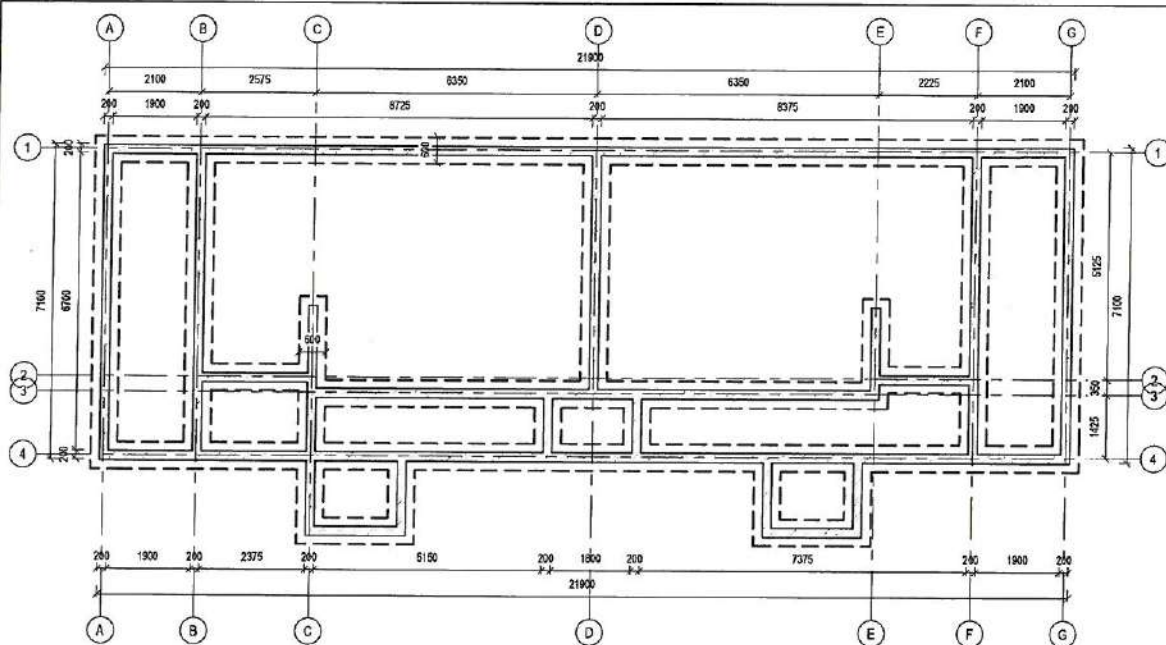
Job No:

#Pln

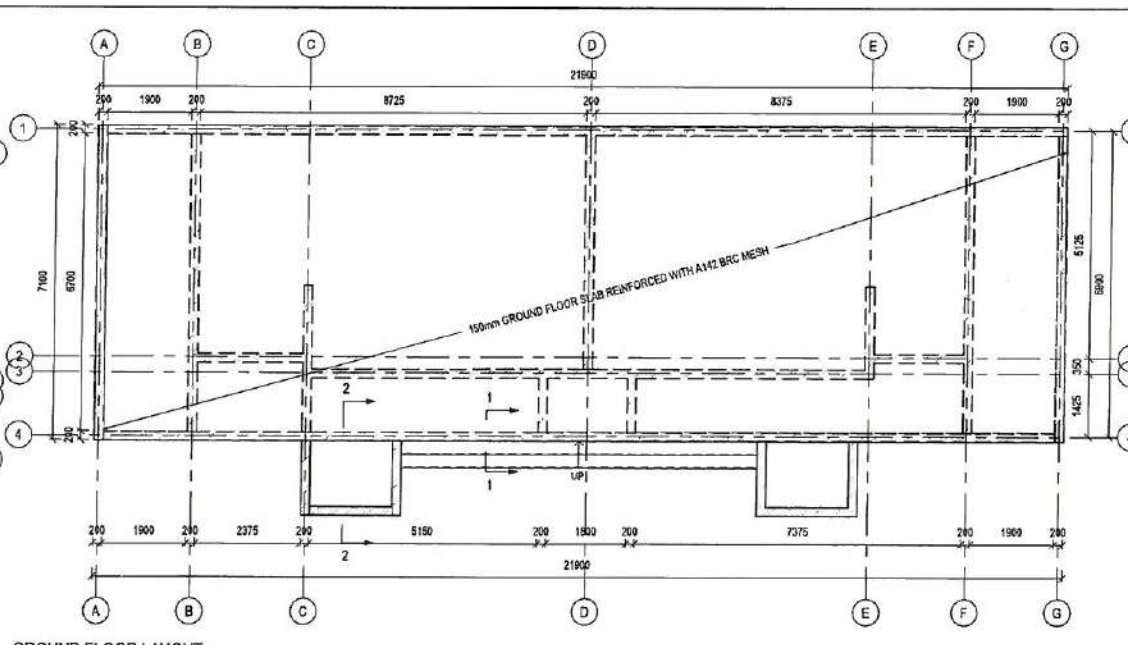
Rev:

Arch. M. O. Jomo

18/1/22

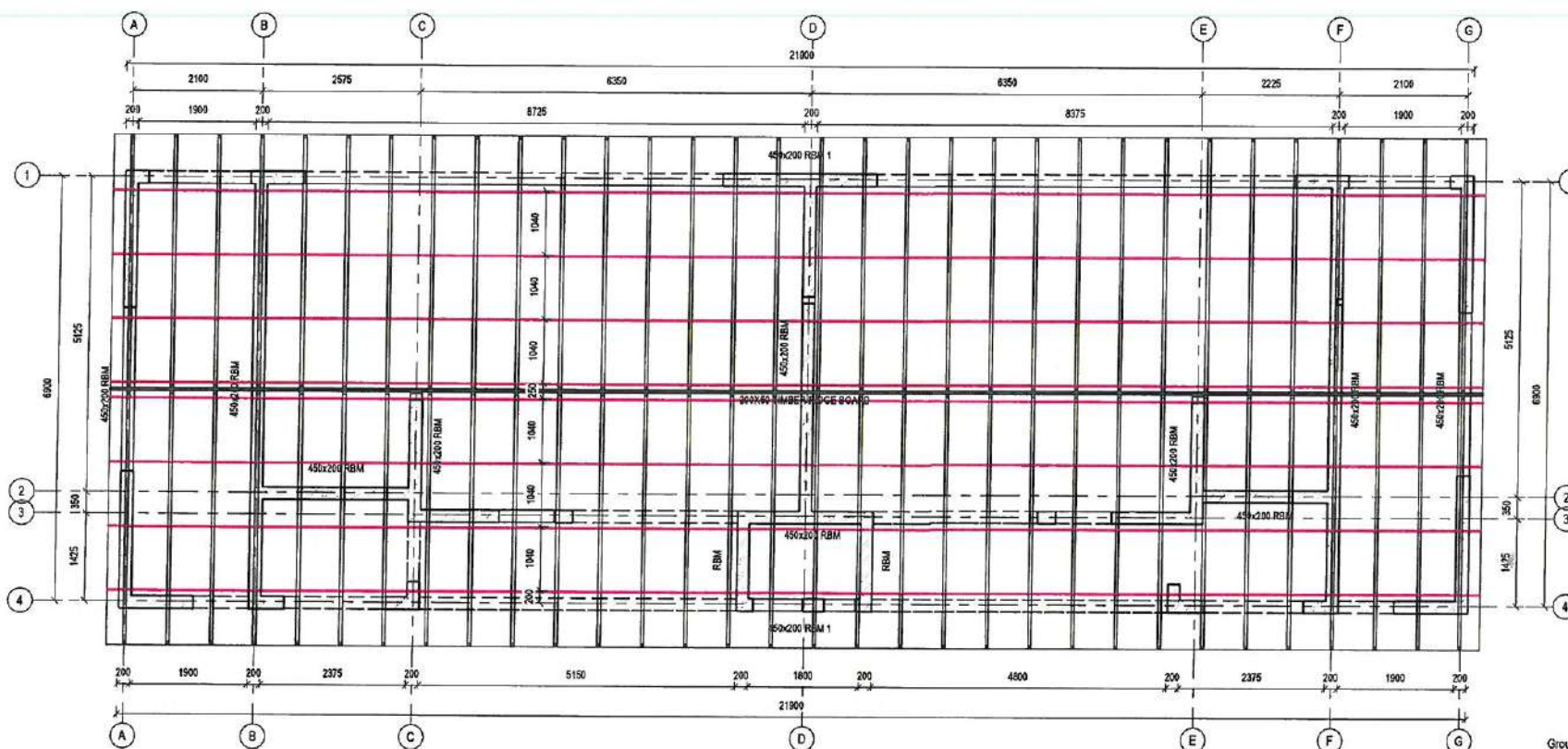


FOUNDATION LAYOUT
1:75



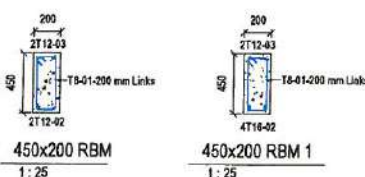
GROUND FLOOR LAYOUT
1:75

- GENERAL NOTES:**
1. All dimensions in (mm). Levels in (m).
 2. All structural drawings to be read in conjunction with the relevant architectural drawings unless specified otherwise.
 3. All excavations to be approved by the Structural Engineer before concreting.
 4. Concrete to be class C25 with a minimum crushing strength of 25N/mm² at 28 days.
 5. Blinding concrete to be class C15 with a minimum crushing strength of 15N/mm² at 28 days.
 6. Minimum cover to reinforcement to be taken as 40mm in substructure and 25mm in superstructure.
 7. All dimensions are to be verified and any discrepancies reported to the Structural Engineer.
 8. All reinforcement works are to be approved by the Structural Engineer before concreting.
 9. Foundation walling is NOT to be constructed using machine-cut stones.
 10. Compaction is to be done in layers not exceeding 150mm (thick).
 11. Soil bearing pressure has been taken as 150kN/m².



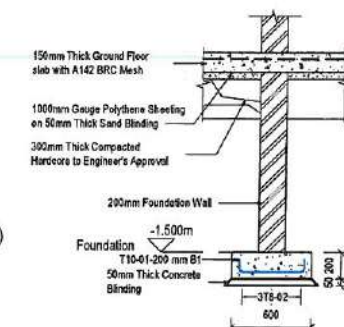
ROOF LAYOUT
1:50

ALL RAFTERS TO BE 100x50 TIMBER MEMBERS @ MAX 600mm C/C
ALL PURLINS TO BE 100x50 TIMBER MEMBERS
ROOF SLOPE TO BE 23 DEGREES

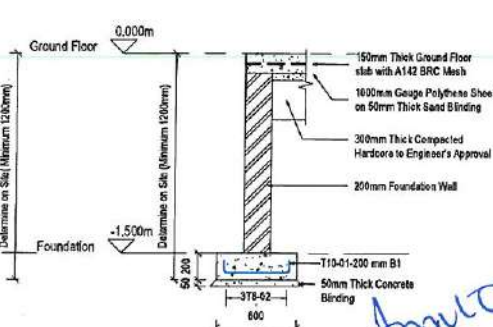


450x200 RBM
1:25

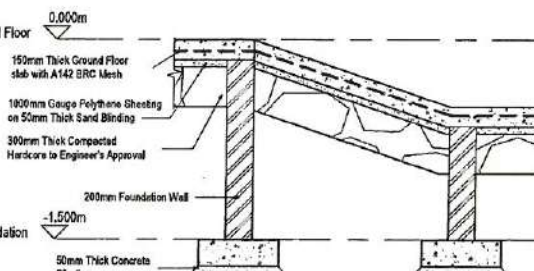
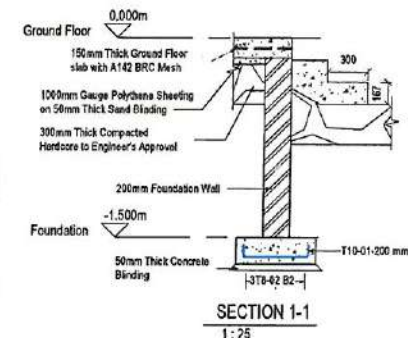
450x200 RBM 1
1:25



TYPICAL INTERNAL STRIP FOOTING
1:25



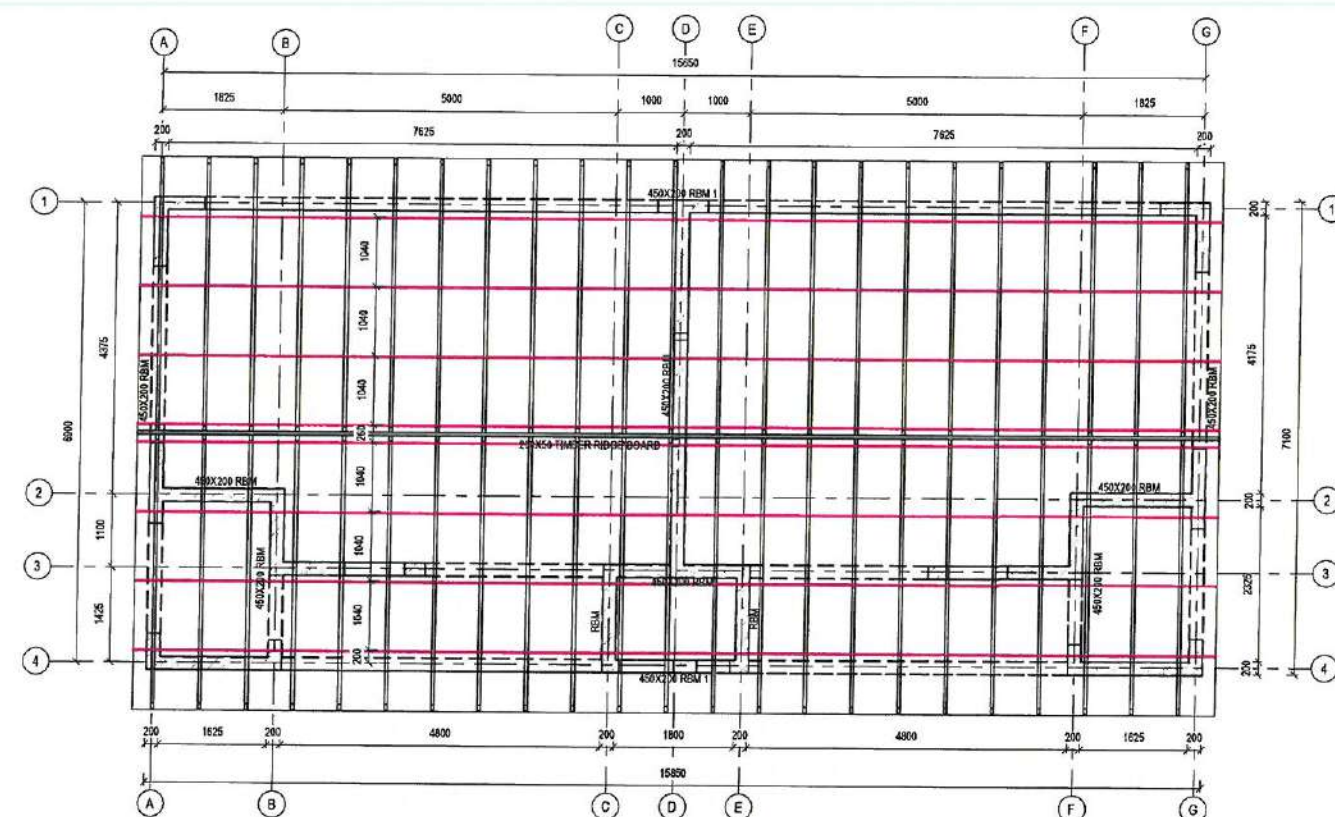
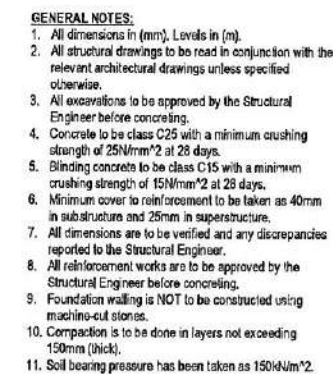
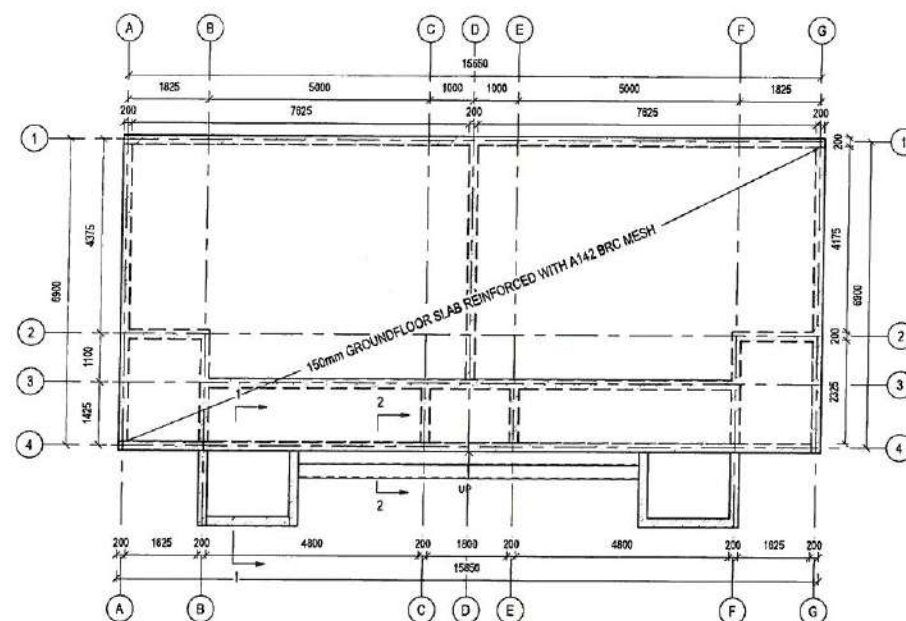
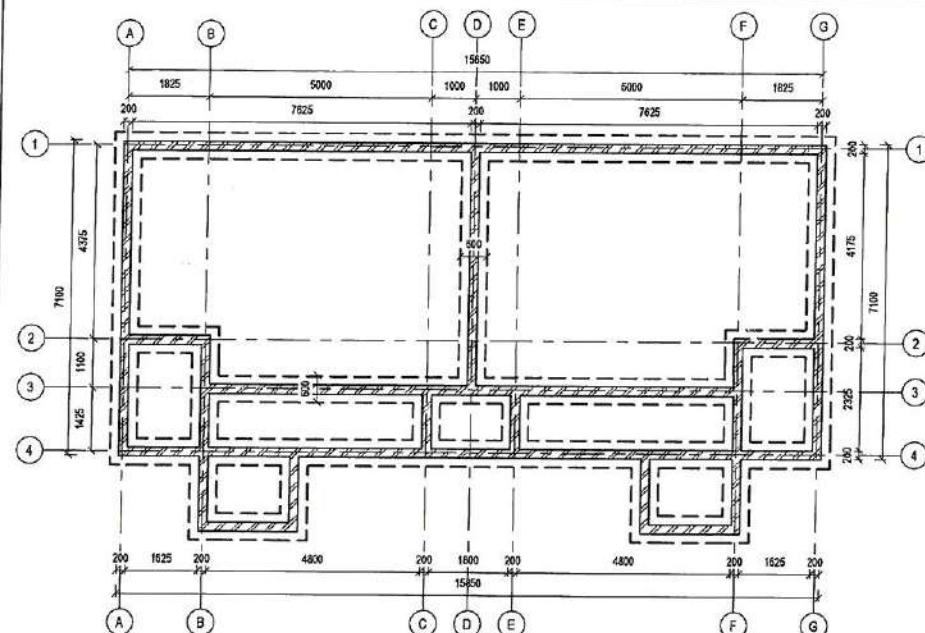
TYPICAL EXTERNAL STRIP FOOTING
1:25



SECTION 2-2
1:25

Handwritten signature and date:
18/7/22

REV	DESCRIPTION	DATE
Client:	ROTARY CLUB OF KAREN	
Project Title:	PROPOSED UPPER SCHOOL TOILETS IN KAREN C PRIMARY SCHOOL	
Civil & Structural Engineer:	STRUCTURE DESIGN LTD P.O BOX 42081-00100 NAIROBI Tel: 0707 565629 Email: info@structuredesign.co.ke	
Drawing Title:	LAYOUTS, STRIP FOOTING AND BEAMS	
Drawn by:	SWM	Project Date:
Checked by:	NMM	AUGUST 2021
Approved by:	CMG	Project No: S-00-001
Scale:	As indicated (for A1)	Rev: Issue Date: 03/08/20



ALL RAFTERS TO BE 100X50 TIMBER MEMBERS @ MAX 600mm C/C

ALL PURLINS TO BE 100X50 TIMBER MEMBERS

ROOF PITCH TO BE 23 DEGREES

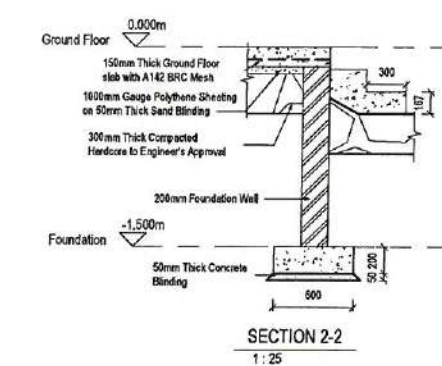
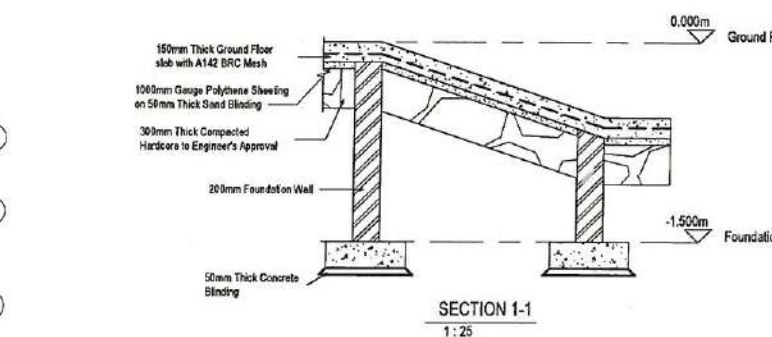
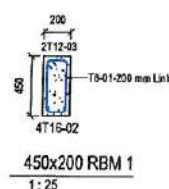
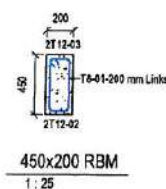
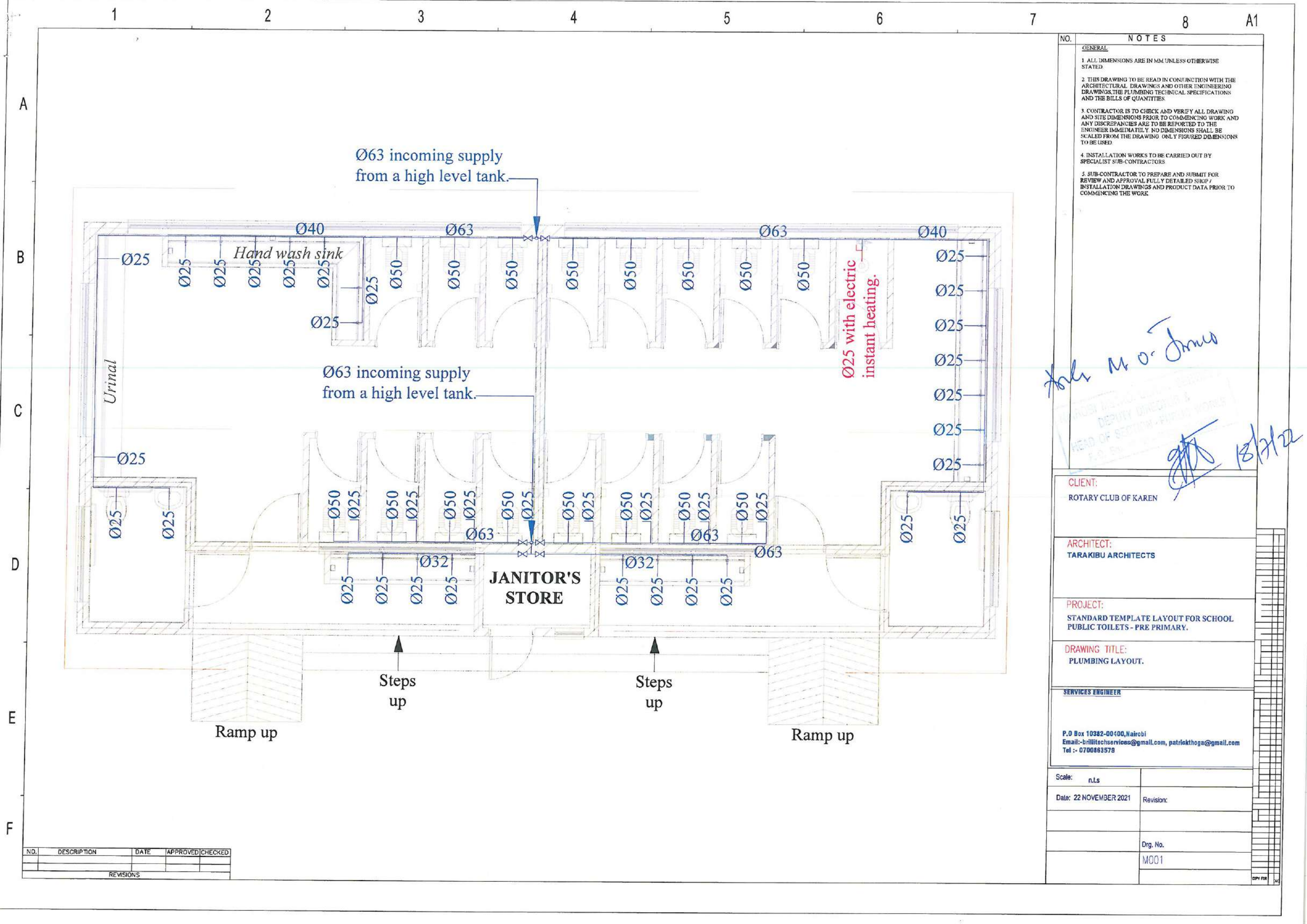


Diagram of a foundation cross-section showing dimensions: 50/200 (height/width), 1.500m (width), and Foundation label.

18/7/22

REV	DESCRIPTION	DATE
Client:		
ROTARY CLUB OF KAREN		
Project Title:		
PROPOSED PRE-SCHOOL TOILETS IN KAREN C PRIMARY SCHOOL		
Civil & Structural Engineer:		
 STRUCTECH DESIGN LTD P.O BOX 42081-09100 NAIROBI Tel: 0707 565629 Email: Info@structechdesign.co.ke		
Drawing Title:		
LAYOUTS, STRIP FOOTING AND BEAMS		
Drawn by:	SWM	Project Date:
Checked by:	NMW	AUGUST 2021
Approved by:	CMG	Project No. SOLP565/21
Dwg No:	S-00-001	
Scale:	As indicated (for A1)	Rev:
		Issue Date: 03/AUG/20



- | NO. | NOTES |
|----------------|--|
| GENERAL | |
| 1. | ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED. |
| 2. | THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND OTHER ENGINEERING DRAWINGS, THE PLUMBING TECHNICAL SPECIFICATIONS AND THE BILLS OF QUANTITIES. |
| 3. | CONTRACTOR IS TO CHECK AND VERIFY ALL DRAWING AND SITE DIMENSIONS PRIOR TO COMMENCING WORK AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWING. ONLY FIGURED DIMENSIONS TO BE USED. |
| 4. | INSTALLATION WORKS TO BE CARRIED OUT BY SPECIALIST SUB-CONTRACTORS. |
| 5. | SUB-CONTRACTOR TO PREPARE AND SUBMIT FOR REVIEW AND APPROVAL FULLY DETAILED SHOP / INSTALLATION DRAWINGS AND PRODUCT DATA PRIOR TO COMMENCING THE WORK. |

John M. O. Jones
DEPUTY DIRECTOR &
HEAD OF SECTION - PLUMBING WORKS
18/11/22

CLIENT:
ROTARY CLUB OF KAREN

ARCHITECT:
TARAKIBU ARCHITECTS

PROJECT:
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS - PRE PRIMARY.

DRAWING TITLE:
PLUMBING LAYOUT.

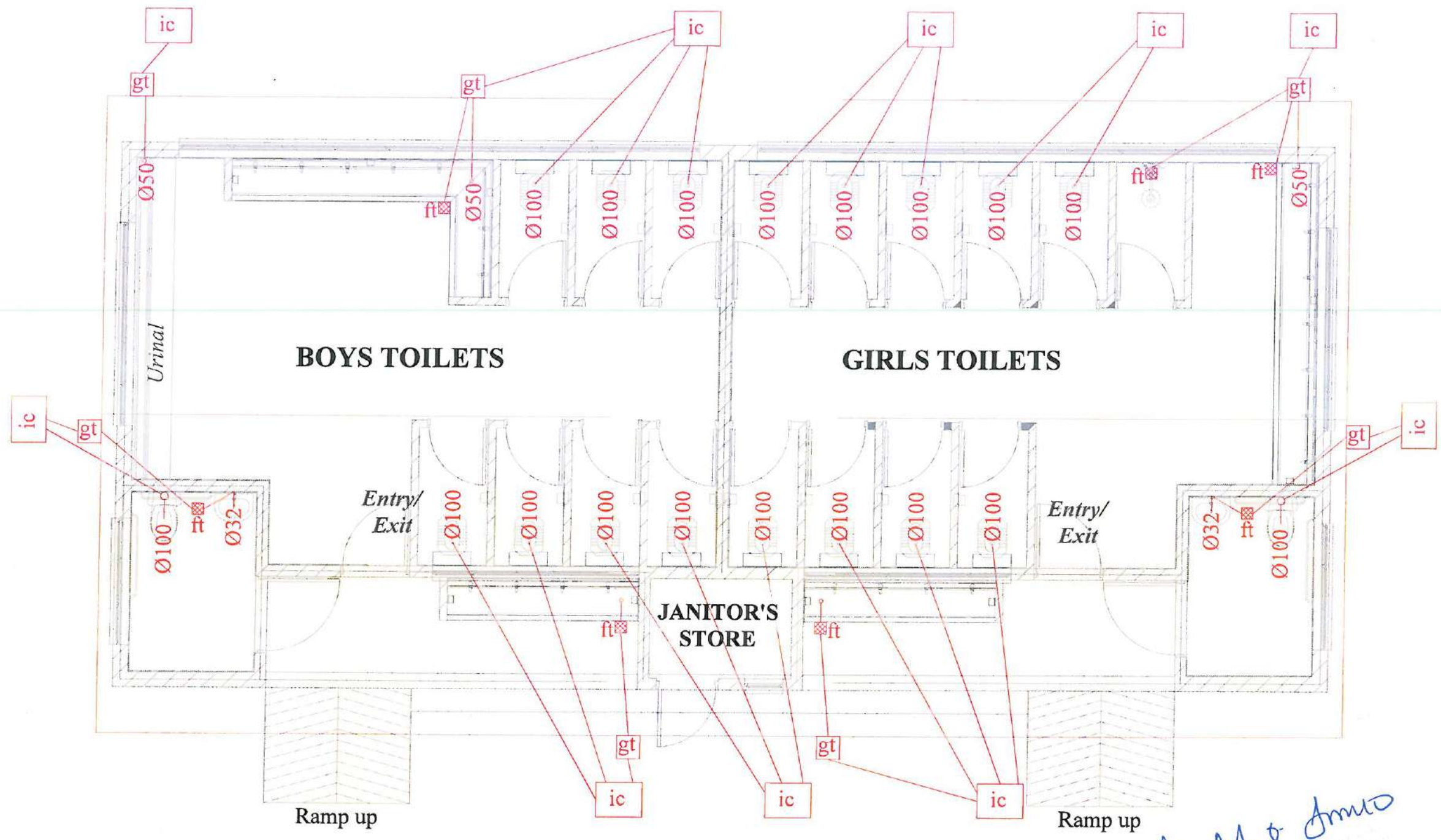
SERVICES ENGINEER

P.O Box 10382-00400, Nairobi
Email:-brilltechservices@gmail.com, patriekthoga@gmail.com
Tel :- 0700883578

Scale:	n.t.s	
Date:	22 NOVEMBER 2021	Revision:
		Drg. No.
		M001

NO.	DESCRIPTION	DATE	APPROVED	CHECKED
REVISIONS				

A
B
C
D
E
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NO.	NOTES
GENERAL	
1.	ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
2.	THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND OTHER ENGINEERING DRAWINGS, THE PLUMBING TECHNICAL SPECIFICATIONS AND THE BILLS OF QUANTITIES.
3.	CONTRACTOR IS TO CHECK AND VERIFY ALL DRAWING AND SITE DIMENSIONS PRIOR TO COMMENCING WORK AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWING. ONLY FIGURED DIMENSIONS TO BE USED.
4.	INSTALLATION WORKS TO BE CARRIED OUT BY SPECIALIST SUB-CONTRACTORS.
5.	SUB-CONTRACTOR TO PREPARE AND SUBMIT FOR REVIEW AND APPROVAL FULLY DETAILED SHOP / INSTALLATION DRAWINGS AND PRODUCT DATA PRIOR TO COMMENCING THE WORK.

LEGEND

- ft - denotes floor trap
- gt - denotes gully trap
- ic - denotes inspection chamber

CLIENT: ROTARY CLUB OF KAREN
ARCHITECT: TARAKIBU ARCHITECTS
PROJECT: STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS - PRE PRIMARY.
DRAWING TITLE: DRAINAGE LAYOUT.
SERVICES ENGINEER P.O Box 10382-00400, Nairobi Email:-brillitechservices@gmail.com, patrickthoga@gmail.com Tel :- 0700863579

Scale: n.t.s	
Date: 22 NOVEMBER 2021	Revision:
	Drg. No.
	M002

NO.	DESCRIPTION	DATE	APPROVED	CHECKED
REVISIONS				

Handwritten signature: Mr. M. O. Amuto
Handwritten date: 18/11/22
Stamp: HANDBOOK FOR THE DEPUTY DIRECTOR & HEAD OF SECTION - PUBLIC WORKS P.O. BOX 10382-00400 NAIROBI

A

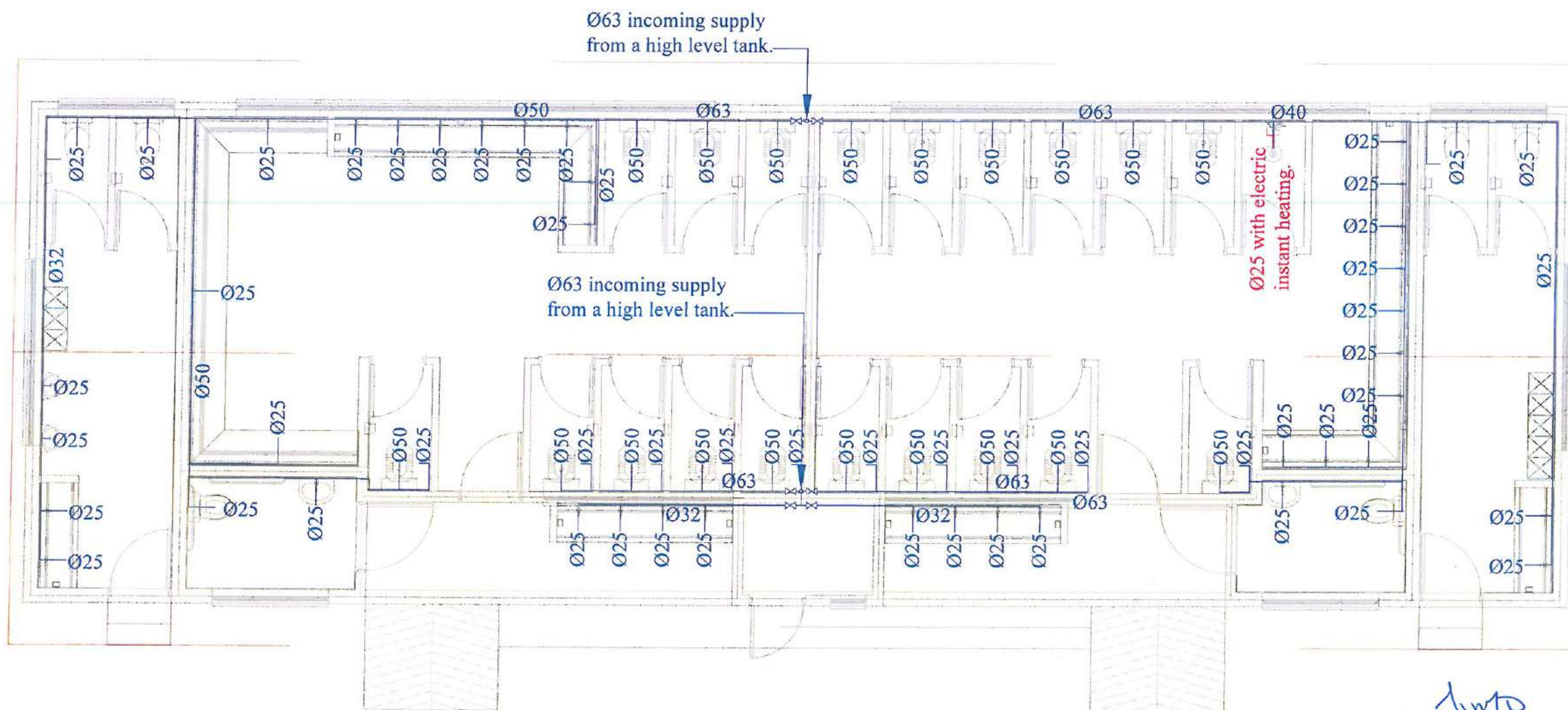
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Eng. M. b. Juma
18/2/22

NO.	NOTES
1.	ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
2.	THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND OTHER ENGINEERING DRAWINGS, THE PLUMBING TECHNICAL SPECIFICATIONS AND THE BILLS OF QUANTITIES
3.	CONTRACTOR IS TO CHECK AND VERIFY ALL DRAWING AND SITE DIMENSIONS PRIOR TO COMMENCING WORK AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWING. ONLY FIGURED DIMENSIONS TO BE USED
4.	INSTALLATION WORKS TO BE CARRIED OUT BY SPECIALIST SUB-CONTRACTORS
5.	SUB-CONTRACTOR TO PREPARE AND SUBMIT FOR REVIEW AND APPROVAL FULLY DETAILED SHOP / INSTALLATION DRAWINGS AND PRODUCT DATA PRIOR TO COMMENCING THE WORK
CLIENT: ROTARY CLUB OF KAREN	
ARCHITECT: TARAKIBU ARCHITECTS	
PROJECT: STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS - UPPER PRIMARY.	
DRAWING TITLE: PLUMBING LAYOUT.	
SERVICES ENGINEER P.O Box 10382-00400, Nairobi Email: brilltechservices@gmail.com , patrickthoga@gmail.com Tel :- 0700863579	
Scale:	n.Ls
Date:	22 NOVEMBER 2021
Revision:	
Drg. No.	M001

NO.	DESCRIPTION	DATE	APPROVED	CHECKED
REVISIONS				

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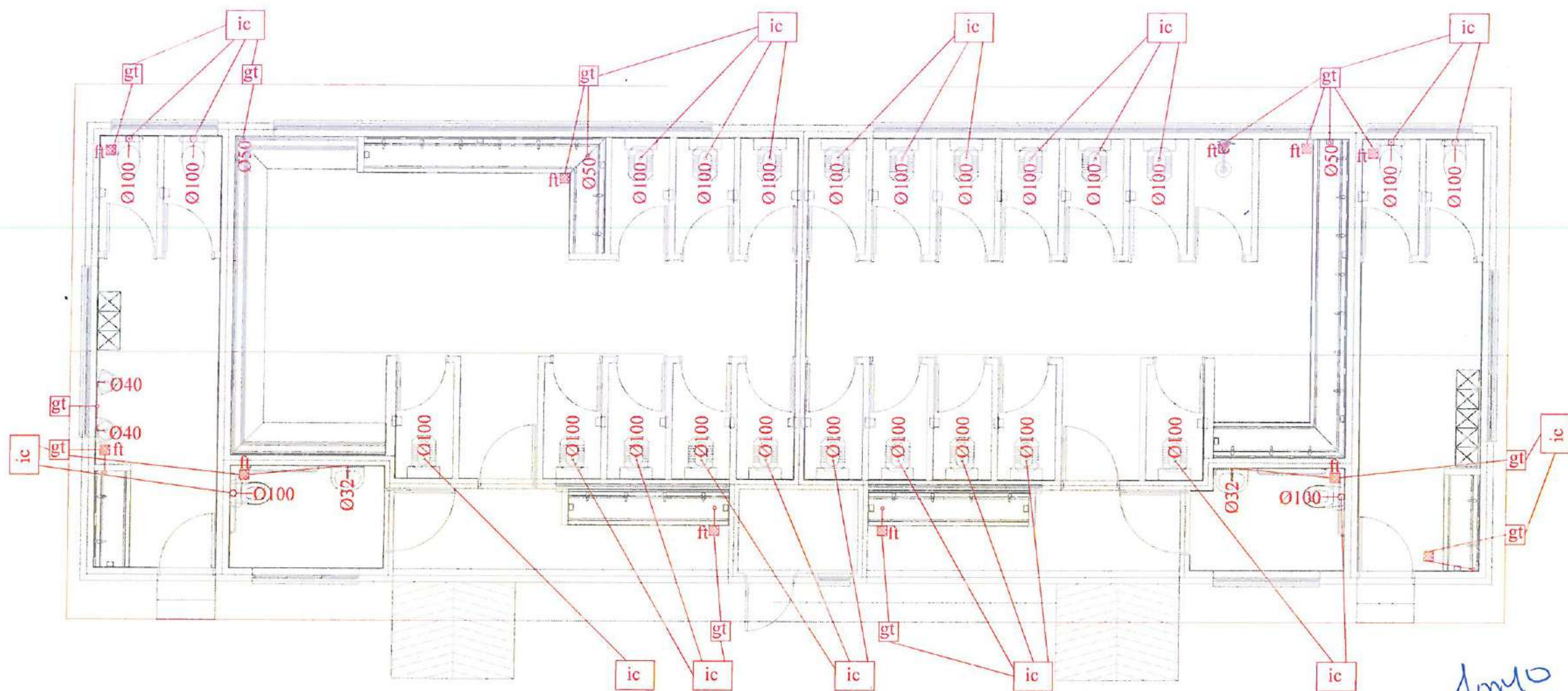
B

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Mr. M. D. Juma
18/11/22

NOTES	
NO.	
GENERAL	
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.	
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND OTHER ENGINEERING DRAWINGS, THE PLUMBING TECHNICAL SPECIFICATIONS AND THE BILLS OF QUANTITIES.	
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4. INSTALLATION WORKS TO BE CARRIED OUT BY SPECIALIST SUB-CONTRACTORS.	
5. SUB-CONTRACTOR TO PREPARE AND SUBMIT FOR REVIEW AND APPROVAL FULLY DETAILED SHOP / INSTALLATION DRAWINGS AND PRODUCT DATA PRIOR TO COMMENCING THE WORK.	

CLIENT: ROTARY CLUB OF KAREN	
ARCHITECT: TARAKIBU ARCHITECTS	
PROJECT: STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS - UPPER PRIMARY.	
DRAWING TITLE: DRAINAGE LAYOUT.	
SERVICES ENGINEER P.O Box 10382-00400, Nairobi Email:- brillianttechservices@gmail.com, patrickthoga@gmail.com Tel :- 0700863579	

NO.	DESCRIPTION	DATE	APPROVED	CHECKED
REVISIONS				

Scale:	n.t.s
Date:	22 NOVEMBER 2021
Revision:	
Drg. No.	
	MOD2

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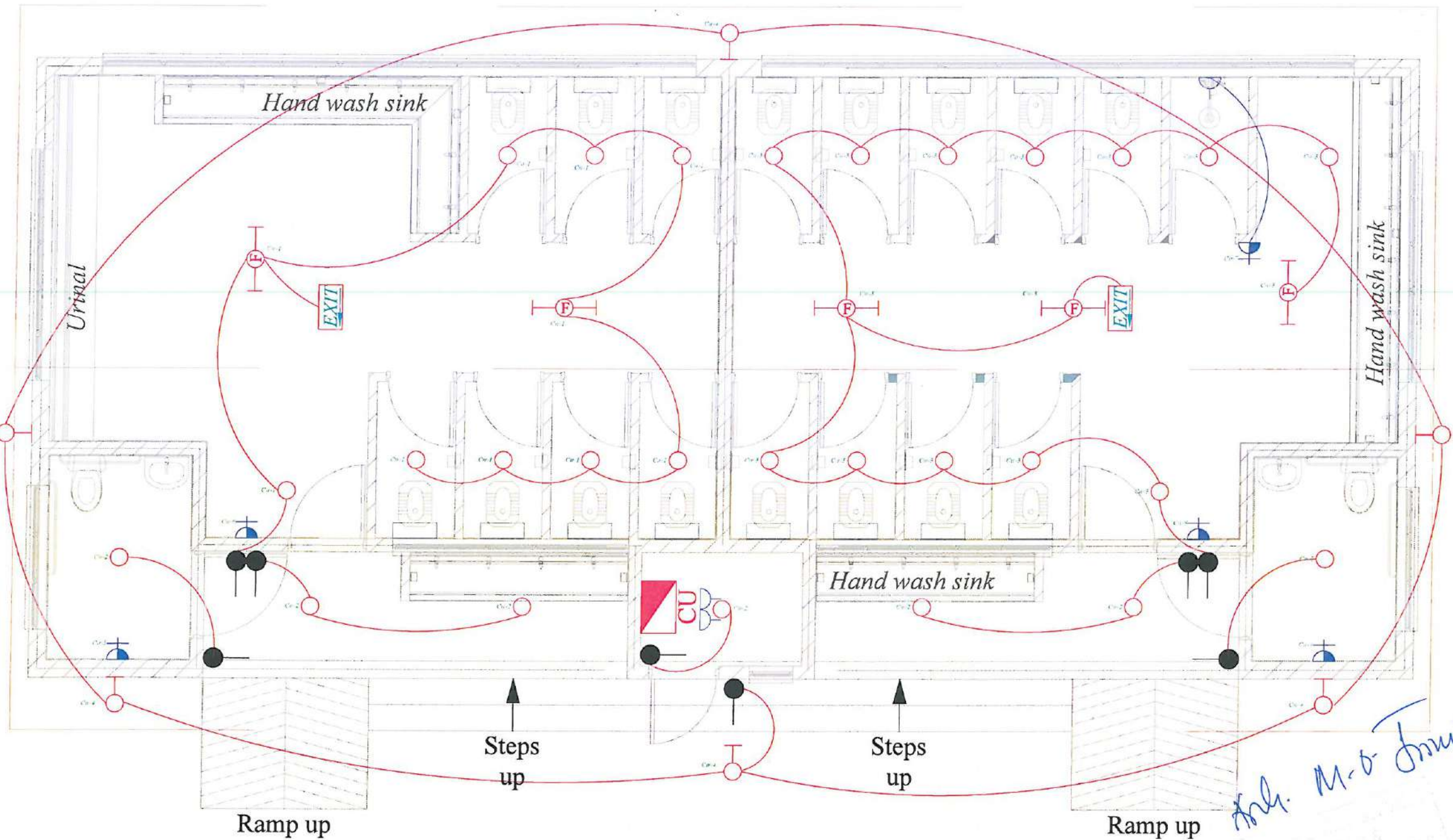
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NO. NOTES

- GENERAL**
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
 2. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND OTHER ENGINEERING DRAWINGS, THE ELECTRICAL TECHNICAL SPECIFICATIONS AND THE BILLS OF QUANTITIES.
 3. CONTRACTOR IS TO CHECK AND VERIFY ALL DRAWING AND SITE DIMENSIONS PRIOR TO COMMENCING WORK AND ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWING. ONLY FIGURED DIMENSIONS TO BE USED.
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 5. SUB-CONTRACTOR TO PREPARE AND SUBMIT FOR REVIEW AND APPROVAL FULLY DETAILED SHOP / INSTALLATION DRAWINGS AND PRODUCT DATA PRIOR TO COMMENCING THE WORK.

LEGEND

- 13A TWIN SOCKET OUTLET
- 20A DP SWITCH
- CONSUMER UNIT
- 1 Way 10A SWITCH
- LIGHT POINT FOR 12W LED SURFACE MOUNTED IP65 ROUND DOWNLIGHT
- LIGHT POINT FOR 1x1200 18W 4FT LED WEATHERPROOF FLUORESCENT FITTING
- LIGHT POINT FOR MAINTAINED EXIT SIGNAGE LIGHT
- LIGHT POINT FOR WEATHERPROOF BULK HEAD LIGHT
- DENOTES CIRCUIT No.

CLIENT:
ROTARY CLUB OF KAREN

ARCHITECT:
TARAKIBU ARCHITECTS

PROJECT:
STANDARD TEMPLATE LAYOUT FOR SCHOOL PUBLIC TOILETS PRE PRIMARY SCHOOL.

DRAWING TITLE:
ELECTRICAL LAYOUT.

SERVICES ENGINEER

P.O Box 10382-00400, Nairobi
Email: brillianttechservices@gmail.com, patrickthoga@gmail.com
Tel: 0700663579

Scale: n.Ls

Date: 22 NOVEMBER 2021

Revision:

NO.	DESCRIPTION	DATE	APPROVED	CHECKED
REVISIONS				

Mr. M. O. Juma
18/11/22