

L1--102
GROUND FLOOR PLAN
SCALE 1:100

NOTES

general
This drawing is to be read in conjunction with engineers' drawings. All dimensions are in mm unless otherwise specified. Drawings are not to be scaled. Only figured dimensions are to be used. The contractor must check & verify all the dimensions before commencement of the work.

construction
All slabs of ground level to be laid over 1000 gauge polythene sheeting on 50mm thick masonry bedding on well compacted hardcore. All slabs under slabs & around external foundation to be posed for the termite control.

structural
All black cotton soil to be removed from below all building & paved surfaces. All paved surfaces to be clear of black cotton soil to a distance of 500m outside the edge of the surface.
For all R.C works, refer to SE's details.
Foundation depths to be determined on site to the SE approval. All work less than 200mm thick to be reinforced with hoop iron of every alternate course.
All adjacent R.C work and masonry walls to be tied with strap bars at every course.

mechanical
All plumbing & drainage work to comply with P.H specifications. All surface ducts to be accessible from all floors. S.V.P denotes soil vent pipe and to be provided at the head of the drainage. Drains passing beneath buildings and driveways to be encased in 150mm concrete surround. All underground four & waste drain pipes shall be of PVC-U to comply with BS5555. All inspection chambers covers and framing shall be cast iron to comply with BS 497 Table 2 Grade A. The storm water drain pipes to comply with BS 556. Minimum slope in the drain pipes to be 1%. No chases for pipes will be allowed in the slabs. Sleeves will be allowed with written approval from the SE. No cutting of concrete without express approval of the Architect or SE. All testing of pipes must be coordinated with electrical & any conflicts must be clarified before works begins. P.V denotes permanent vents.

electrical
All conduits must be laid before plastering

fire fighting
Provide a 1130 litres reserve tank with a booster pump.
Dry riser.
Provide a 100mm hydraulic hose reel on every floor.
Provide manual electric break glass fire alarm system.
Provide 49kg litres water CO2 fire extinguishers on every floor.

revisions

project
Proposed Tuition Block at KIHBT, Kibiku Ngong Campus, Kajiado County

drawing title
OPENING SCHEDULES-LEGENDS

WP Item no.
D109/RV/KJD/2101

client ministry/department
State Department for Infrastructure KIHBT

client signature
code

scale
1 NTS
2
3

project job no. 10987A **drawing no.**

name	signed	date
Calvin Wambura		
Arch. Ben Bolay		
Arch. J. K. Murtyli		

APPROVED
Architect L. M. Mochama
Ag. Chief Architect

MINISTRY OF LANDS, PUBLIC WORKS, HOUSING AND URBAN DEVELOPMENT
STATE DEPARTMENT FOR PUBLIC WORKS
ARCHITECTURAL DEPARTMENT



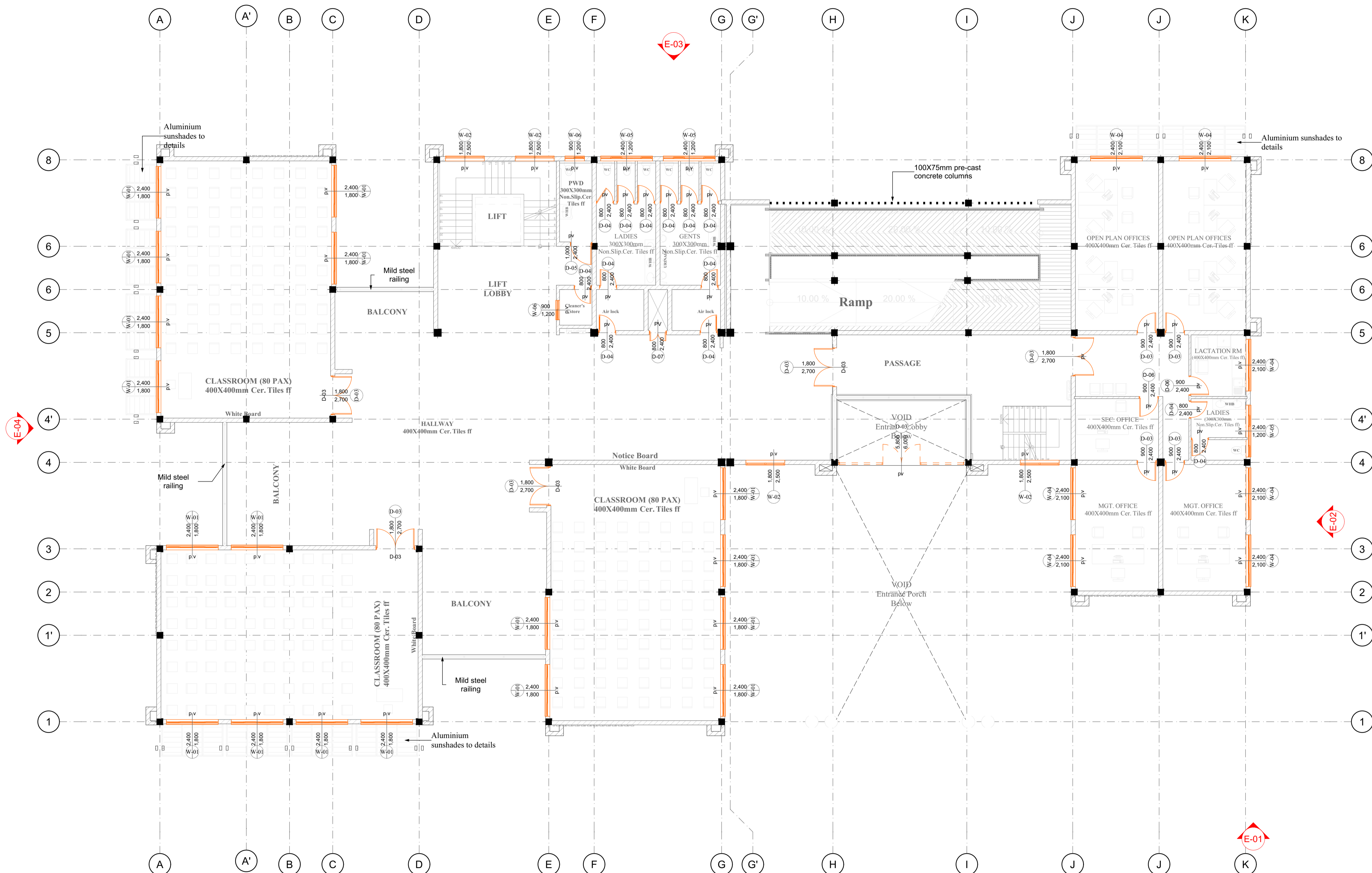
FOR THE GOVERNMENT OF THE REPUBLIC OF KENYA

DESIGN REVIEW & SUPERVISION CONSULTANT



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www.aki.co.ke



L[-]03
FIRST FLOOR PLAN
 SCALE 1:100

NOTES

general

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construction

All slabs of ground level to be laid over 1000 gauge polythene sheeting on 50mm thick masonry binding on well compacted hardcore. All slabs under slabs & around external foundation to be poised for the termite control.

structural

All black cotton soil to be removed from below all building & paved surfaces. All paved surfaces to be clear of black cotton soil to a distance of 500m outside the edge of the surface.

For all R.C. works, refer to SE's details. Foundation depths to be determined on site to the SE approval. All walls less than 200mm thick to be reinforced with hoop iron of every alternate course. All adjacent R.C. work and masonry walls to be tied with strap bars at every course.

mechanical

All plumbing & drainage work to comply with P.H specifications. All surface ducts to be accessible from all floors. S.V.P. denotes soil vent pipe and to be provided at the head of the drainage. Drains passing beneath buildings and driveways to be encased in 150mm concrete surround. All underground foul & waste drain pipes shall be of P.V.C. to comply with BS5555. All inspection chambers covers and framing shall be cast iron to comply with BS 497 Table 2 Grade A. The storm water drain pipes to comply with BS 556. Minimum slope in the drain pipes to be 1%. No chases for pipes will be allowed in the slabs. Stoves will be allowed with written approval from the SE. No cutting of concrete without express approval of the Architect or SE. All testing of pipes must be coordinated with electrical & any conflicts must be clarified before works begins. P.V. denotes permanent vents.

electrical

All conduits must be laid before plastering

fire fighting

Provide a 1130 litres reserve tank with a booster pump. Dry riser. Provide a 100m hydraulic hose reel, on every floor. Provide manual electric break glass fire alarm system. Provide 49kg litres water CO2 fire extinguishers on every floor.

revisions

project
 Proposed Tuition Block at KIHBT, Kibiku Ngong Campus, Kajjado County

drawing title
OPENING SCHEDULES-LEGENDS

WP Item no.
 D109/RV/KJD/2101

client ministry/department
 State Department for Infrastructure
 KIHBT

client signature
 code

scale
 1 NTS
 2
 3

project job no. 10987A **drawing no.**

Drawn & Designed by	name	signed	date
Calvin Wambura			
Checked by	Arch. Ben Bolay		
Team leader	Arch. J. K. Murtyli		

APPROVED

Architect **L. M. Mochama**
 Ag. Chief Architect

MINISTRY OF LANDS, PUBLIC WORKS, HOUSING AND URBAN DEVELOPMENT
 STATE DEPARTMENT FOR PUBLIC WORKS
 ARCHITECTURAL DEPARTMENT



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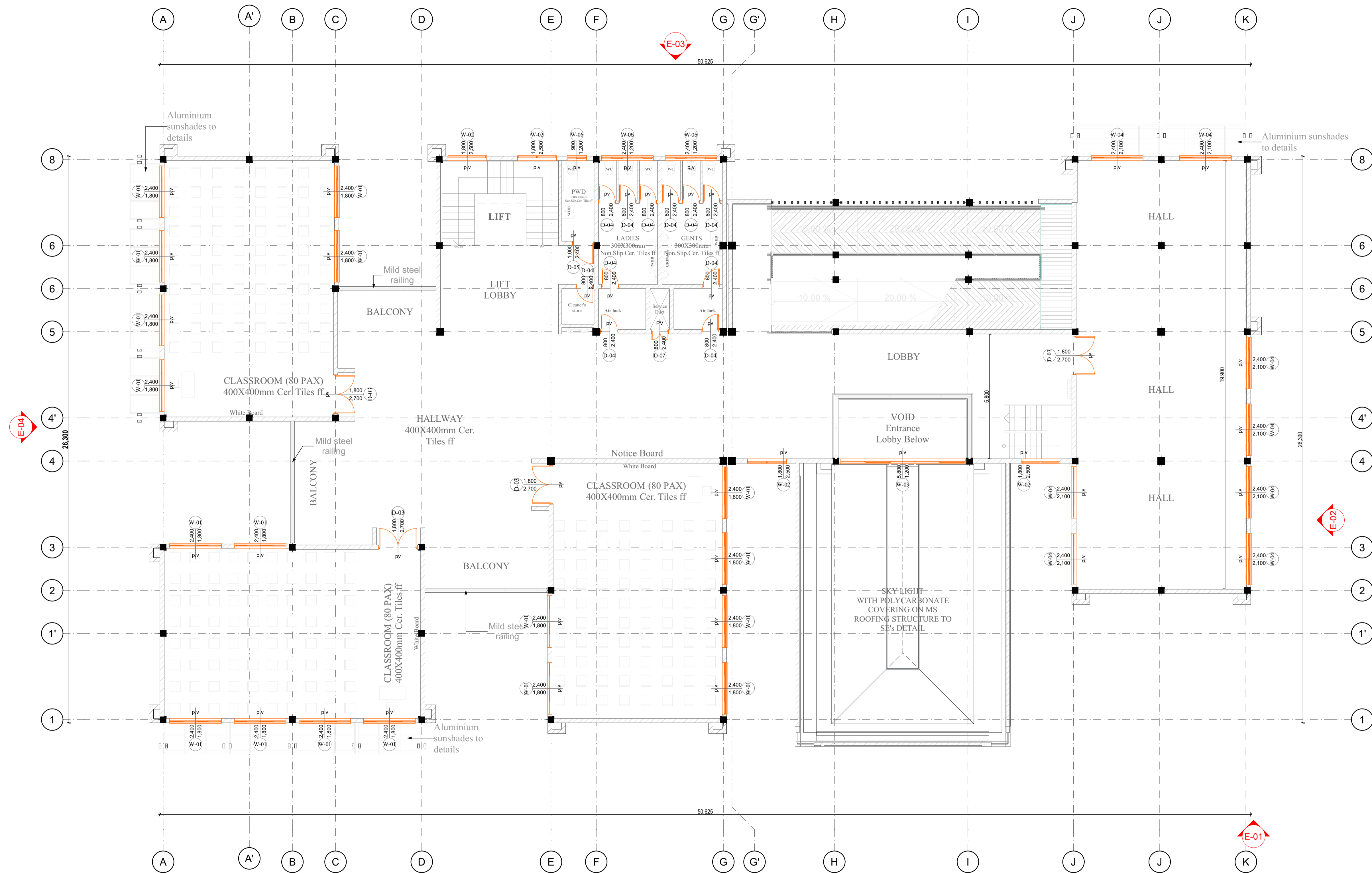
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L[-]104
SECOND FLOOR PLAN
SCALE 1:100

NOTES

general

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construction

All slabs of ground level to be laid over 1000 gauge polythene sheeting on 50mm thick masonry bedding on well compacted hardcore. All slabs under slabs & around external foundation to be posed for the termite control.

structural

All black cotton soil to be removed from below all building & paved surfaces. All paved surfaces to be clear of black cotton soil to a distance of 500m outside the edge of the surface.

For all R.C. works, refer to SE's details. Foundation depths to be determined on site to the SE approval. All walls less than 200mm thick to be reinforced with hoop iron of every alternate course. All adjacent R.C. work and masonry walls to be tied with strap bars at every course.

mechanical

All plumbing & drainage work to comply with P.H. specifications. All surface ducts to be accessible from all floors. S.V.P. denotes soil vent pipe and to be provided at the head of the drainage. Drains passing beneath buildings and driveways to be encased in 150mm concrete surround. All underground foul & waste drain pipes shall be of P.V.C. to comply with BS5555. All inspection chamber covers and framing shall be cast iron to comply with BS 497 Table 2 Grade A. The storm water drain pipes to comply with BS 556. Minimum slope in the drain pipes to be 1%. No chases for pipes will be allowed in the slabs. Sleeves will be allowed with written approval from the SE. No cutting of concrete without express approval of the Architect or SE. All testing of pipes must be coordinated with electrical & any conflicts must be clarified before works begins. P.V. denotes permanent vents.

electrical

All conduits must be laid before plastering

fire fighting

Provide a 1130 litres reserve tank with a booster pump. Dry risers. Provide a 100mm hydraulic hose reel on every floor. Provide manual electric break glass fire alarm system. Provide 49kg litres water CO2 fire extinguishers on every floor.

revisions

project

Proposed Tuition Block at KIHBT, Kibiku Ngong Campus, Kajjajo County

drawing title

OPENING SCHEDULES-LEGENDS

WP Item no.

D109/RV/KJD/2101

client ministry/department

State Department for Infrastructure KIHBT

client signature

code

scale

1 NTS

project job no.

10987A

drawing no.

Drawn & Designed by	name	signed	date
Checked by	Arch. Ben Bolazy		
Team leader	Arch. J. K. Murthy		

APPROVED

Architect L. M. Mochama
Ag. Chief Architect

MINISTRY OF LANDS, PUBLIC WORKS, HOUSING AND URBAN DEVELOPMENT
STATE DEPARTMENT FOR PUBLIC WORKS
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construction

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structural

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mechanical

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electrical

All conduits must be laid before plastering

fire fighting

Provide a 1100 litres reserve tank with a booster pump. Dry risers. Provide a 1x30m hydraulic hose reel on every floor. Provide manual electric break glass fire alarm system. Provide 49kg litres water CO2 fire extinguishers on every floor.

revisions

No.	Description	Date

project

Proposed Tuition Block at KIHBT, Kibiku Ngong Campus, Kajiado County

drawing title

OPENING SCHEDULES-LEGENDS

WP item no.

D109/RV/KJD/2101

client ministry/department

State Department for Infrastructure KIHBT

client signature

code

scale

1	NTS
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project job no.

10987A

drawing no.

Drawn & Designed by

Calvin Wambura

Checked by

Arch. Ben Bolazy

Team leader

Arch. J. K. Murtyli

APPROVED

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Ag. Chief Architect

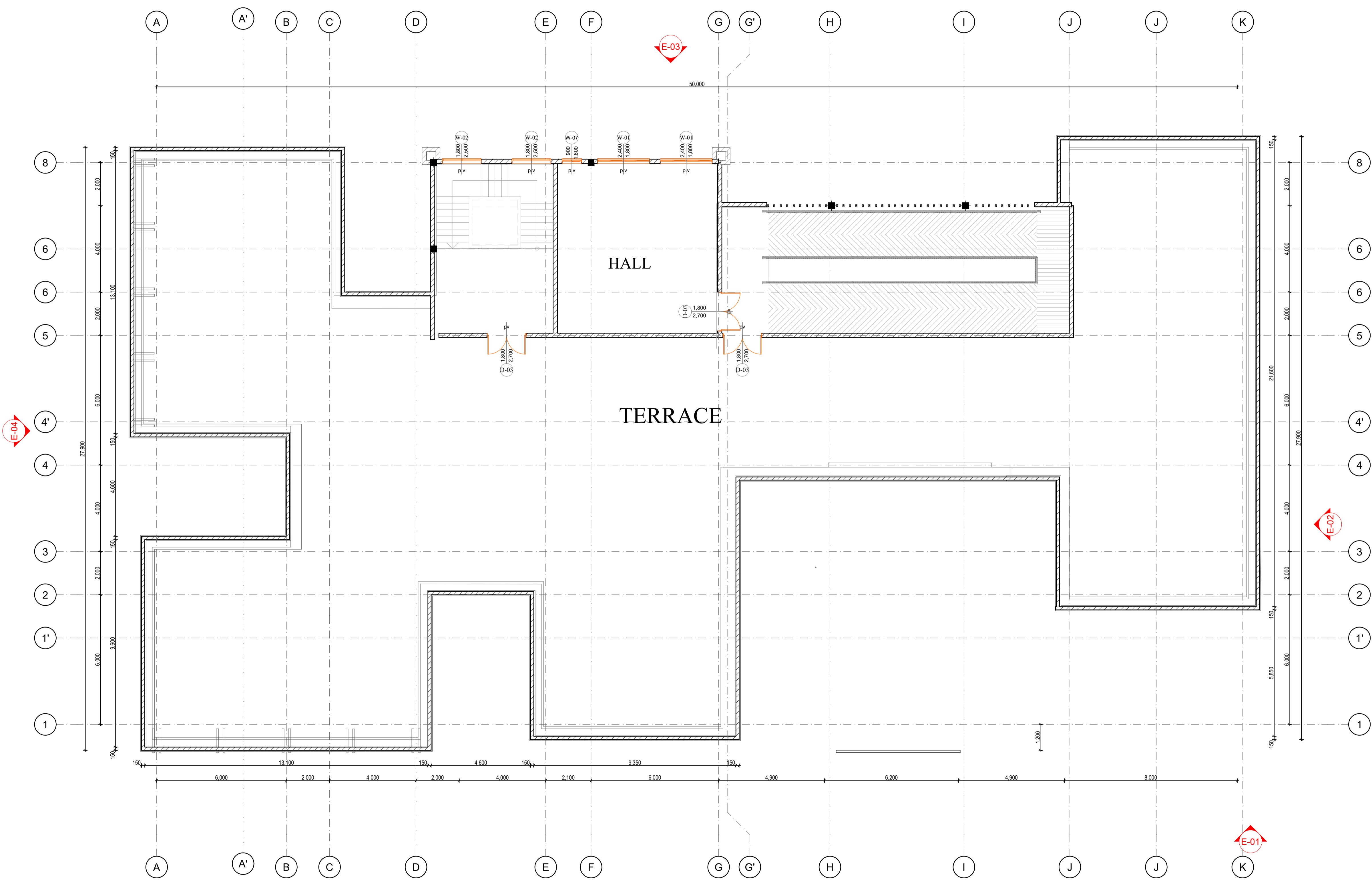


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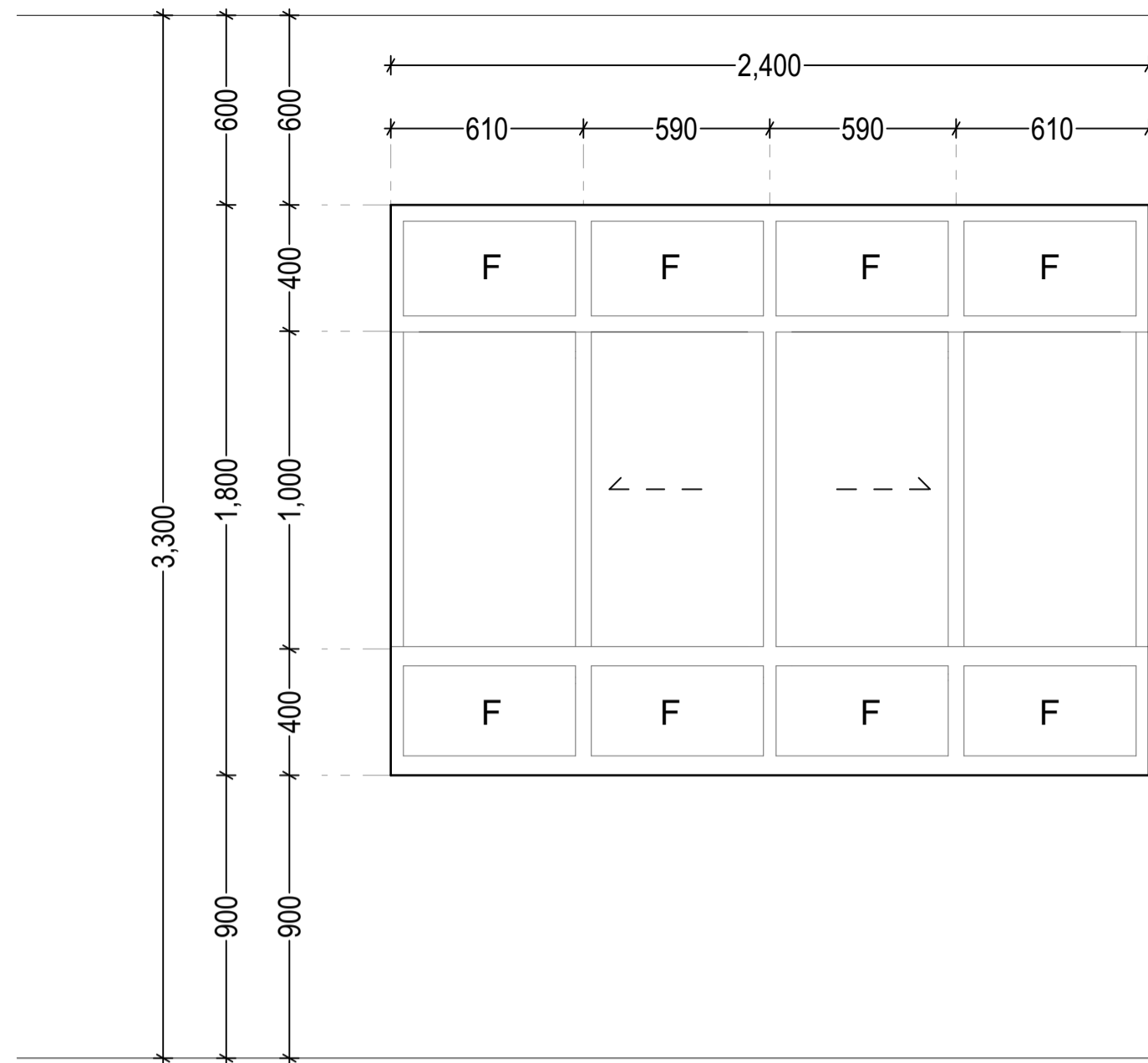
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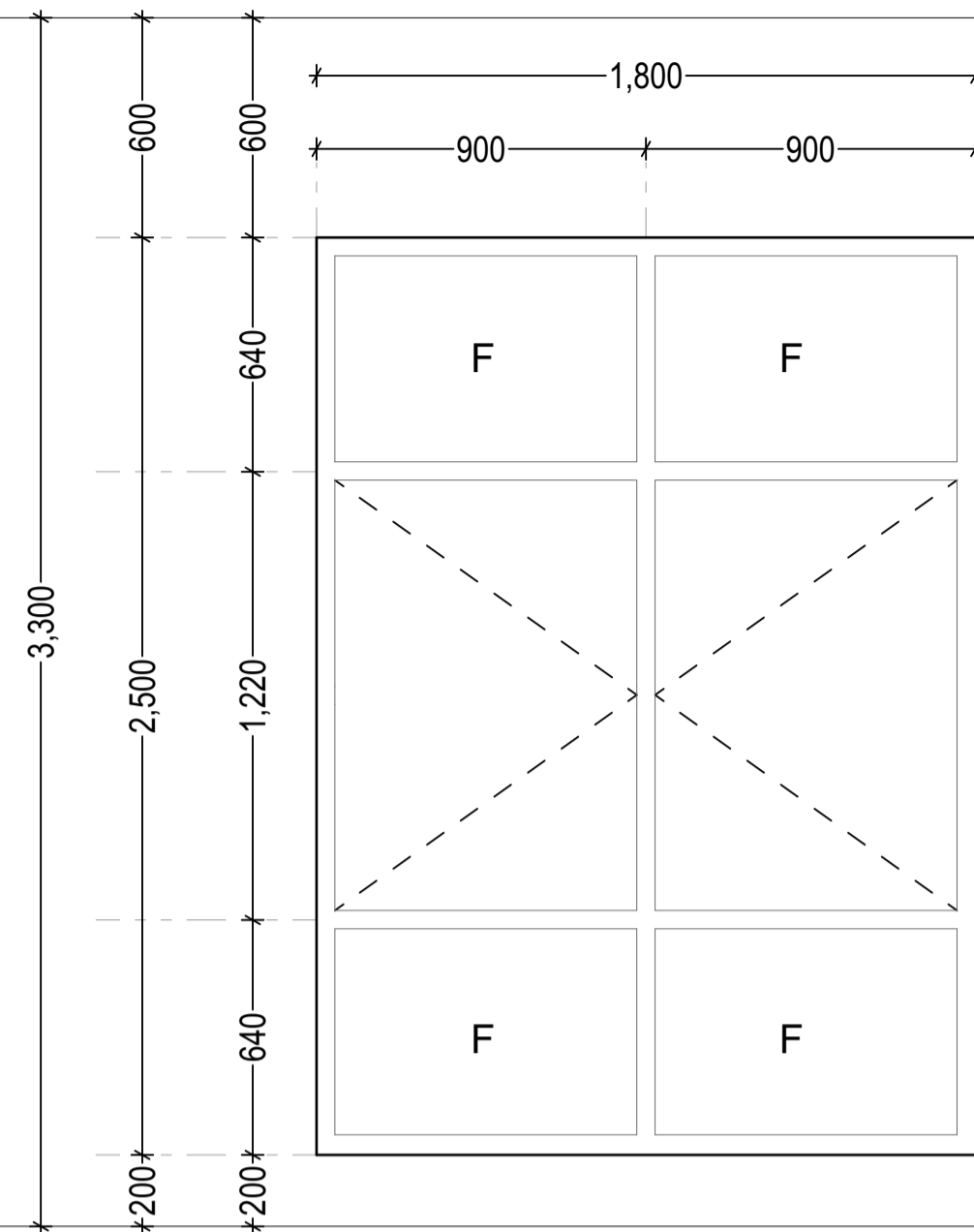
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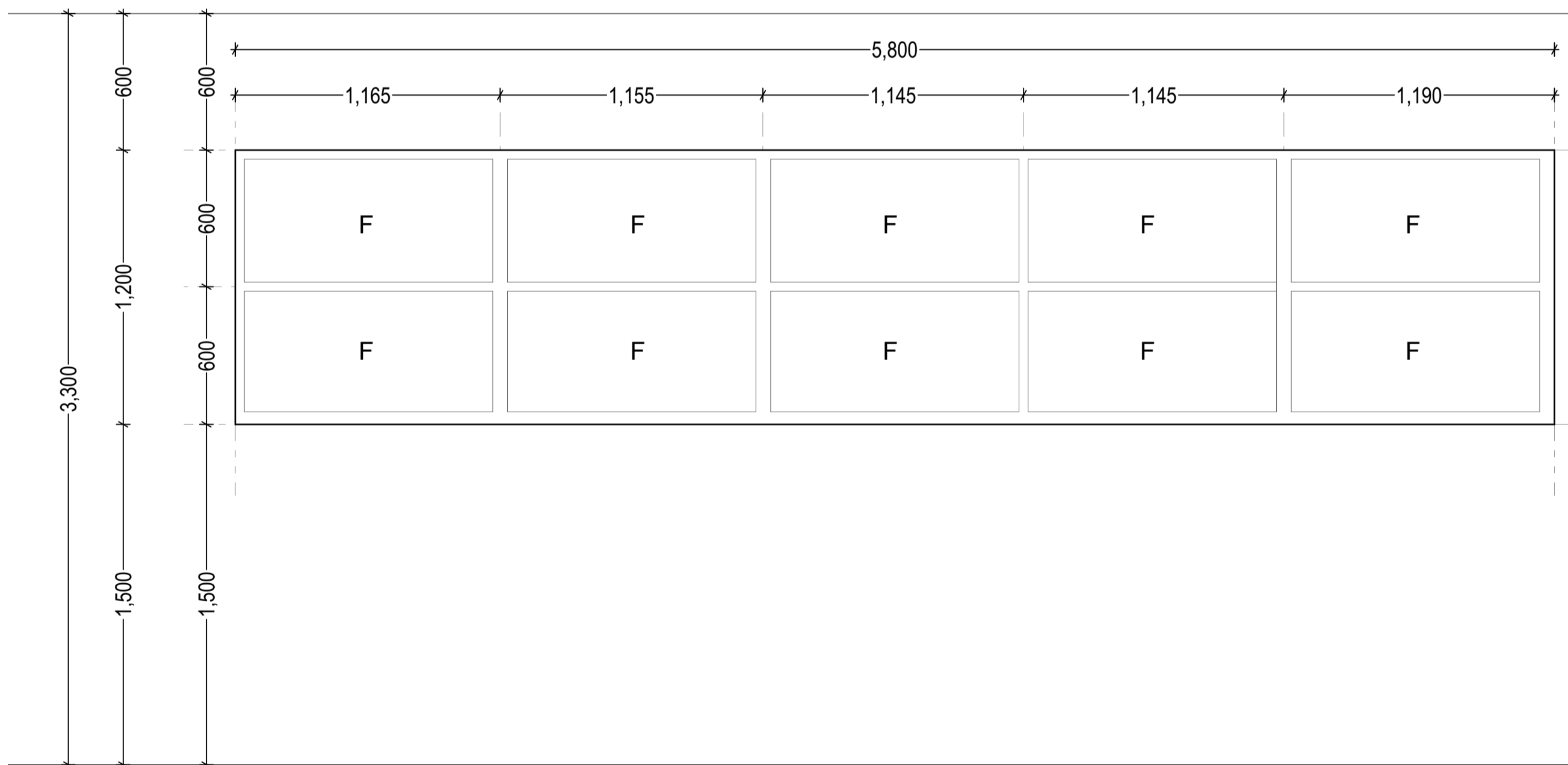
L[-]05
TERRACE
SCALE 1:100



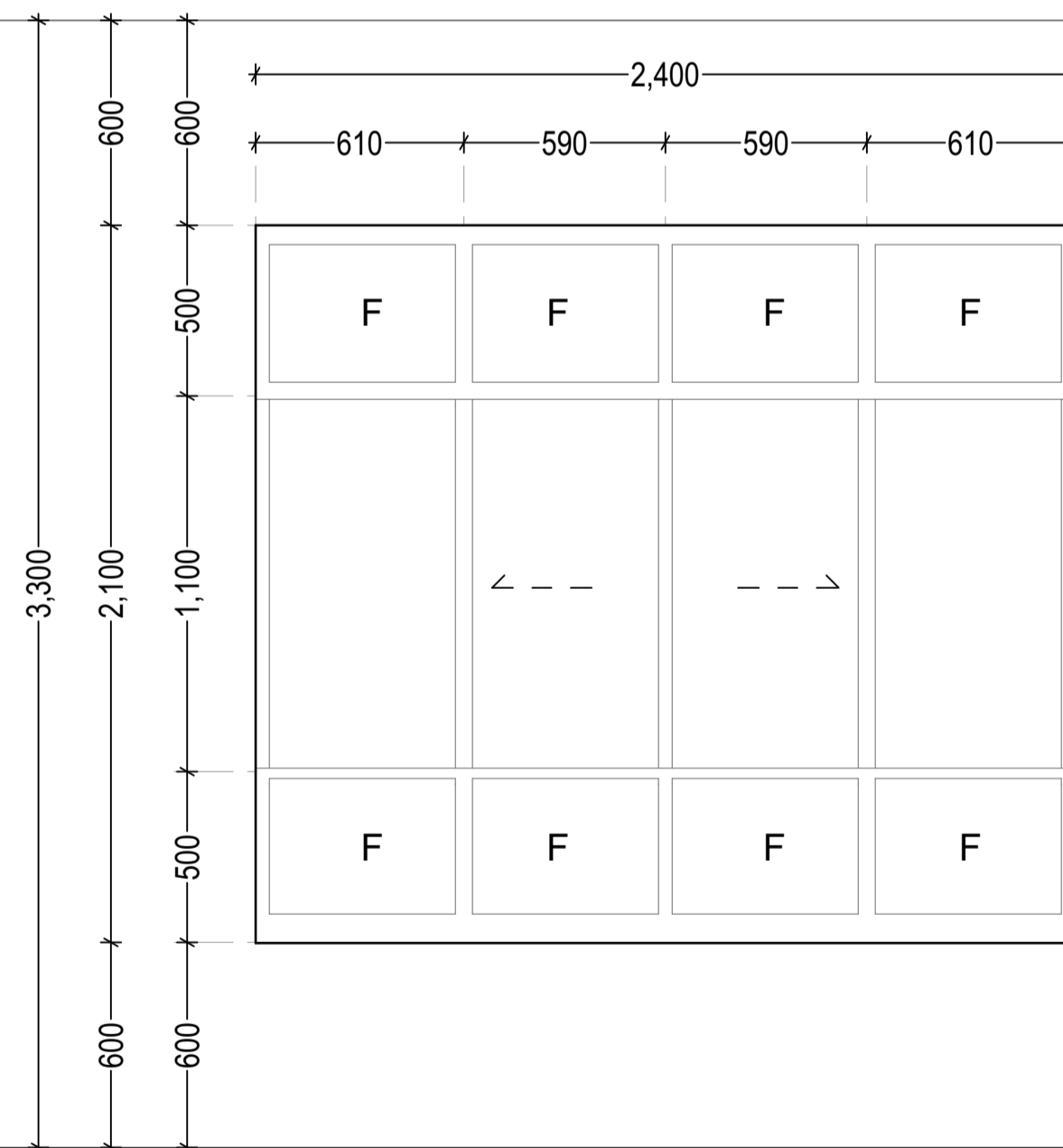
W-01			
Drwng no.	Description	Location	No.
W-01	Aluminium sliding window comprising of 50 x 50mm powder coated aluminium framework to take 6mm thick glass	Concrete Lab, Soil Lab, Highways Lab, Technician Office, Classroom, Hall	32



W-02			
Drwng no.	Description	Location	No.
W-02	Aluminium window comprising of 50 x 50mm powder coated aluminium framework to take 6mm thick glass	Passage, Stairs	12



W-03			
Drwng no.	Description	Location	No.
W-03	Aluminium window comprising of 50 x 50mm powder coated aluminium framework to take 6mm thick glass	Above Entrance Lobby roofing	1



W-04			
Drwng no.	Description	Location	No.
W-04	Aluminium sliding window comprising of 50 x 50mm powder coated aluminium framework to take 6mm thick glass	MGT. Office, Open plan offices, Lactation Room, Kitchenette, Hall	16

NOTES

general

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construction

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structural

All black cotton soil to be removed from below all building & paved surfaces. All paved surfaces to be clear of black cotton soil to a distance of 500m outside the edge of the surface.

For all R.C works, refer to SE's details. Foundation depths to be determined on site to the SE approval. All work less than 200mm thick to be reinforced with hoop iron of every alternate course. All adjacent R.C work and masonry walls to be tied with strap irons at every course.

mechanical

All plumbing & drainage work to comply with P.H specifications. All surface ducts to be accessible from all floors. S.V.P denotes soil vent pipe and to be provided at the head of the drainage. Drains passing beneath buildings and driveways to be encased in 150mm concrete surround. All underground foul & waste drain pipes shall be of P.V.C. to comply with BS5255. All inspection chambers covers and framing shall be cast iron to comply with BS 497 Table 2 Grade A. The storm water drain pipes to comply with BS 556. Minimum slope in the drain pipes to be 1%. No chases for pipes will be allowed in the slabs. Sleeves will be allowed with written approval from the SE. No cutting of concrete without express approval of the Architect or SE. All testing of pipes must be coordinated with electrical & any conflicts must be clarified before works begins. P.V denotes permanent vents.

electrical

All conduits must be laid before plastering.

fire fighting

Provide a 1130 litres reserve tank with a booster pump. Dry risers. Provide a 1x30m hydraulic hose reel on every floor. Provide manual electric break glass fire alarm system. Provide 49kg litres water CO2 fire extinguishers on every floor.

revisions

No.	Description

project

Proposed Tuition Block at KIHBT, Kibiku Ngong Campus, Kajiado County

drawing title

WINDOW SCHEDULES

WP Item no. D109/RV/KJD/2101

client ministry/department
State Department for Infrastructure
KIHBT

client signature
code

scale	1	2	3

project job no. 10987A drawing no.

Drawn & Designed by	name	signed	date
Checked by	Arch. Ben Bolazy		
Team leader	Arch. J. K. Murtyli		

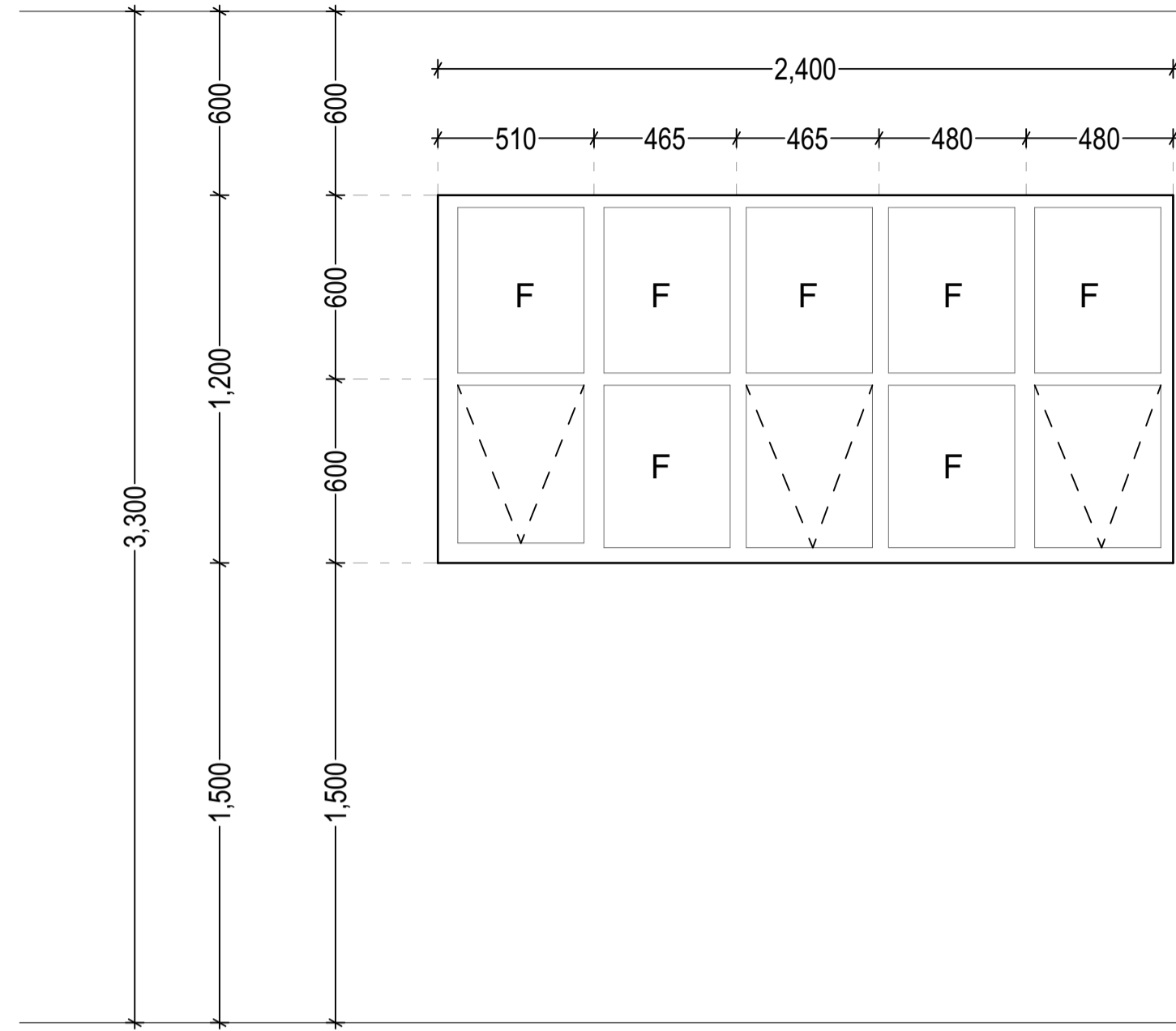
APPROVED

Architect L. M. Mochama
Ag. Chief Architect



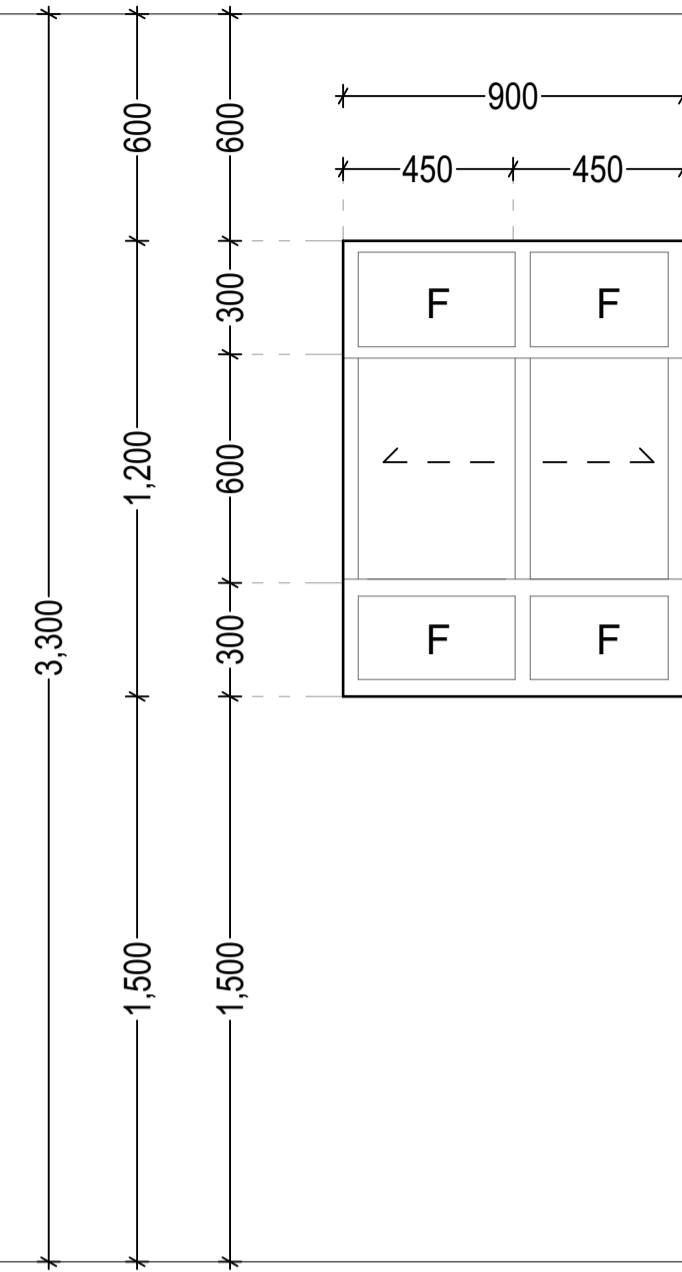
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REPUBLIC OF KENYA

DESIGN REVIEW & SUPERVISION CONSULTANT



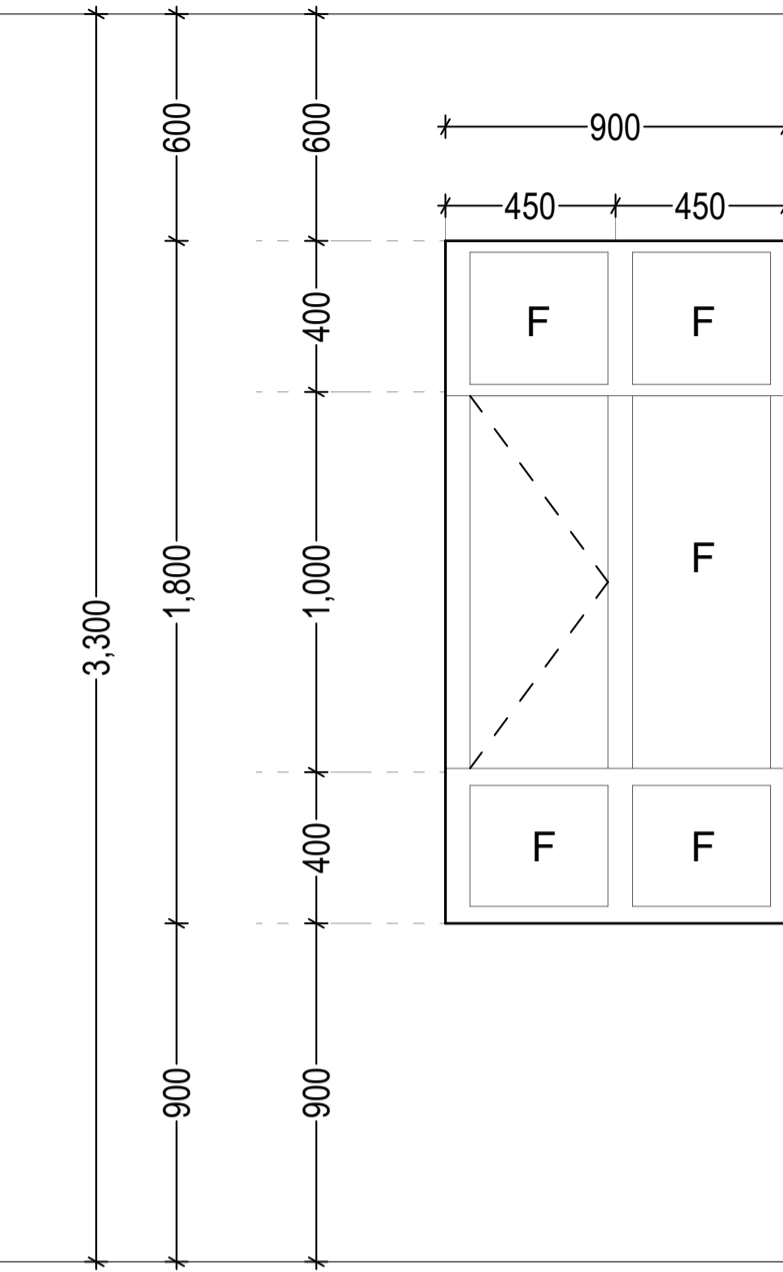
W-05

Drwng no.	Description	Location	No.
W-05	Aluminium window comprising of 50 x 50mm powder coated aluminium framework to take 6mm thick glass	Washrooms	8



W-06

Drwng no.	Description	Location	No.
W-06	Aluminium sliding window comprising of 50 x 50mm powder coated aluminium framework to take 6mm thick glass	PWD Washrooms,Store	4



W-07

Drwng no.	Description	Location	No.
W-07	Aluminium window comprising of 50 x 50mm powder coated aluminium framework to take 6mm thick glass	Hall	1

NOTES

general

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construction

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structural

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mechanical

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electrical

All conduits must be laid before plastering

fire fighting

Provide a 1130 litres reserve tank with a booster pump. Dry risers. Provide a 1x30m hydraulic hose reel on every floor. Provide manual electric break glass fire alarm system. Provide 4x9kg litres water CO2 fire extinguishers on every floor.

revisions

No.	Description

project

Proposed Tuition Block at KIHBT, Kibiku Ngong Campus, Kajiado County

drawing title

WINDOW SCHEDULES

WP item no.

D109/RV/KJD/2101

client ministry/department

State Department for Infrastructure KIHBT

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10987A

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APPROVED

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ARCHITECTURAL DEPARTMENT



FOR THE GOVERNMENT OF THE
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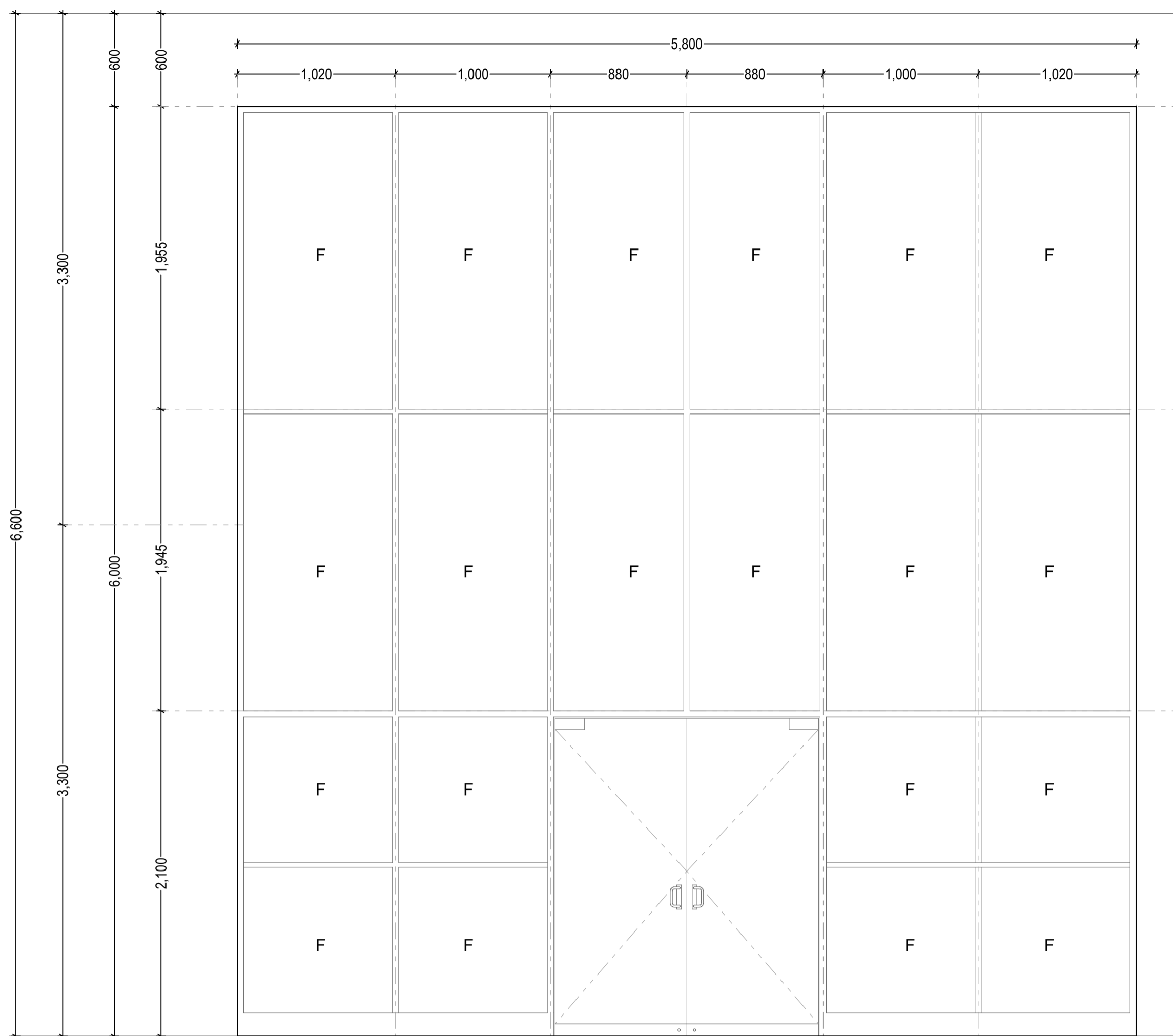
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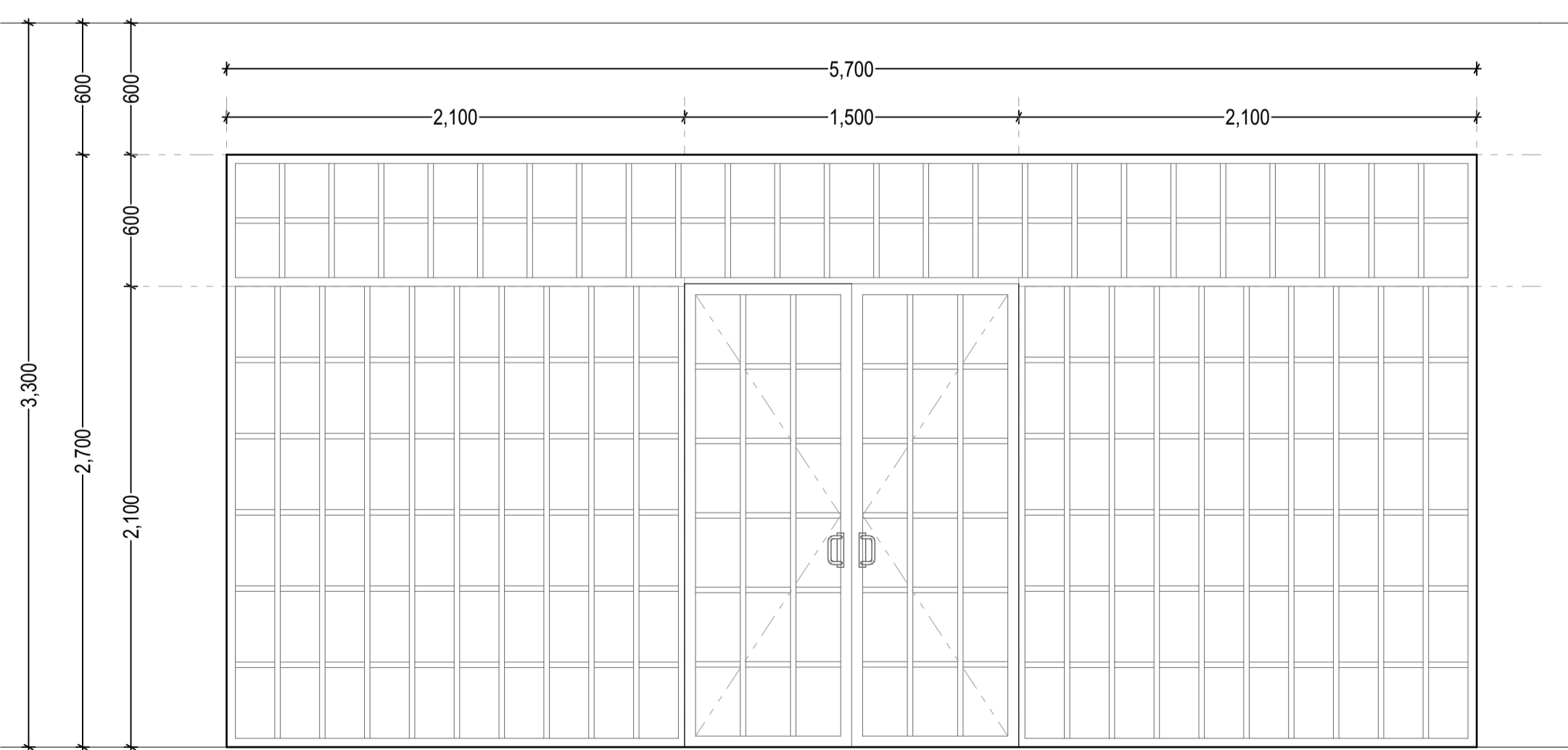
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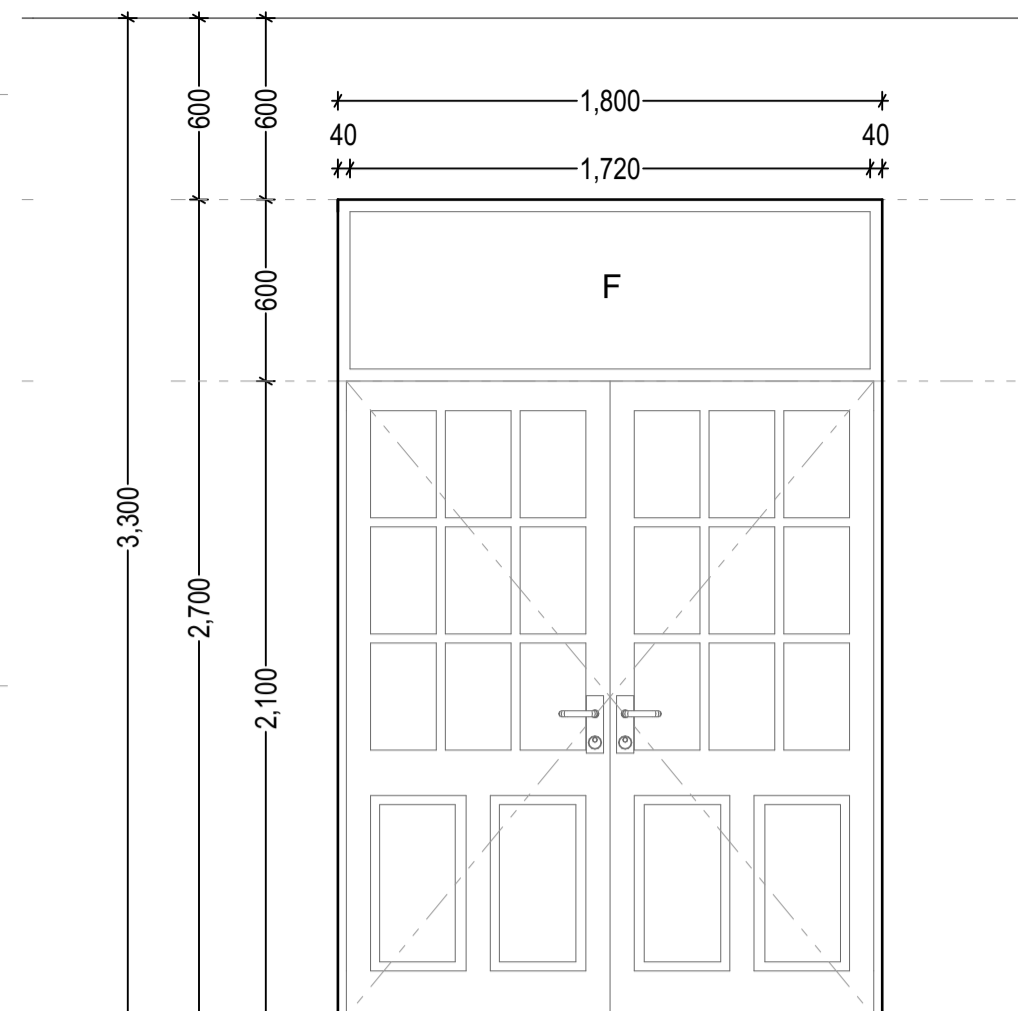




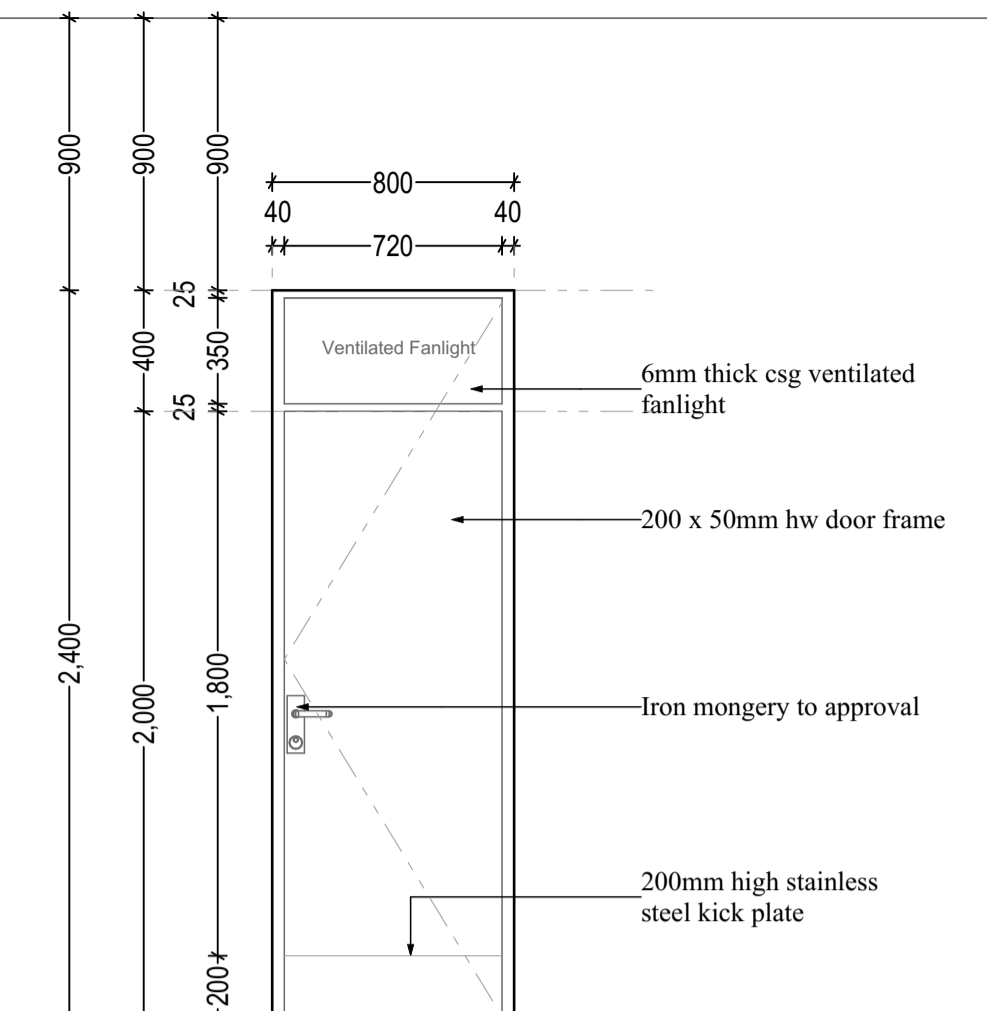
Drwng no.	Description	Location	No.
D-01	Curtain wall with 100 x 50mm powder coated aluminium frame with a 1500mm x 2100 mm frameless glass door	Main Entrance	1



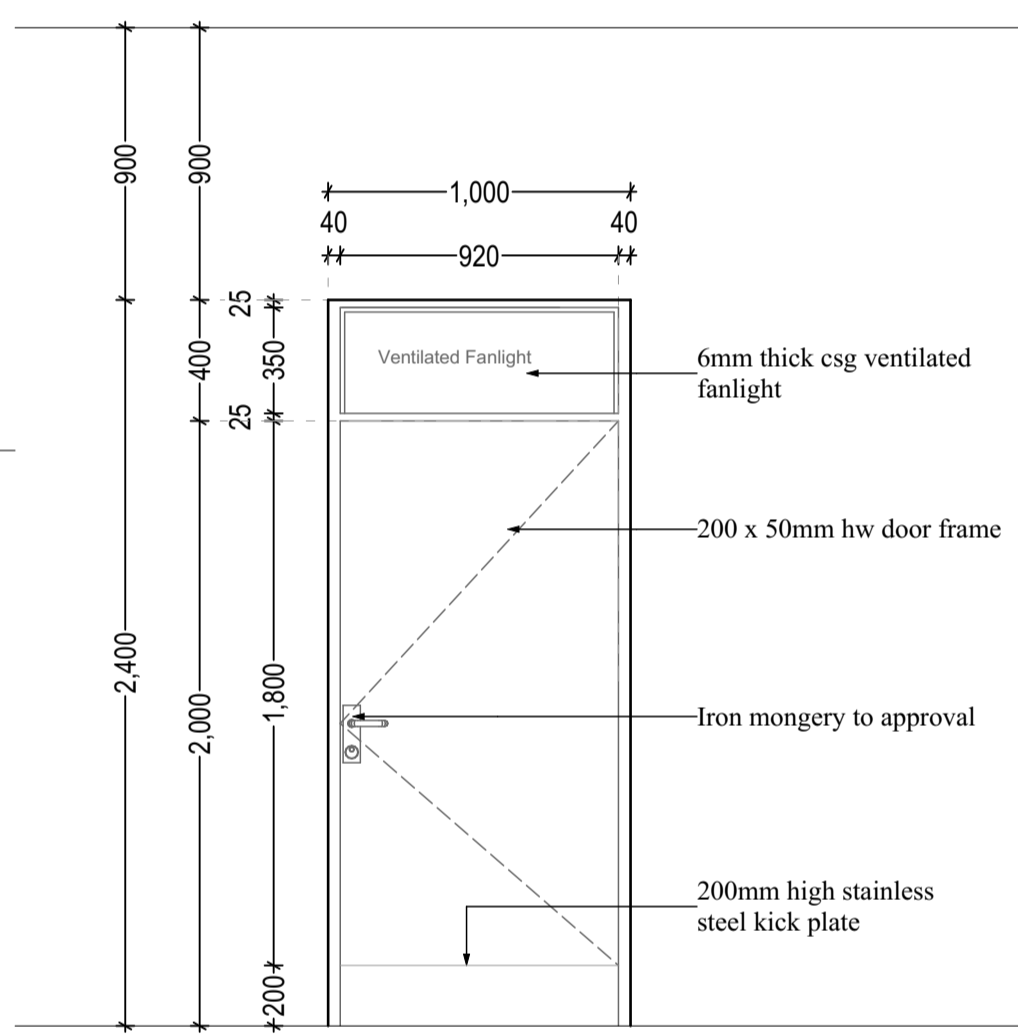
Drwng no.	Description	Location	No.
D-02	Mls grill door 50x50mm rfs frames, 25 x25mm divisions	Second entrance (Hallway)	1



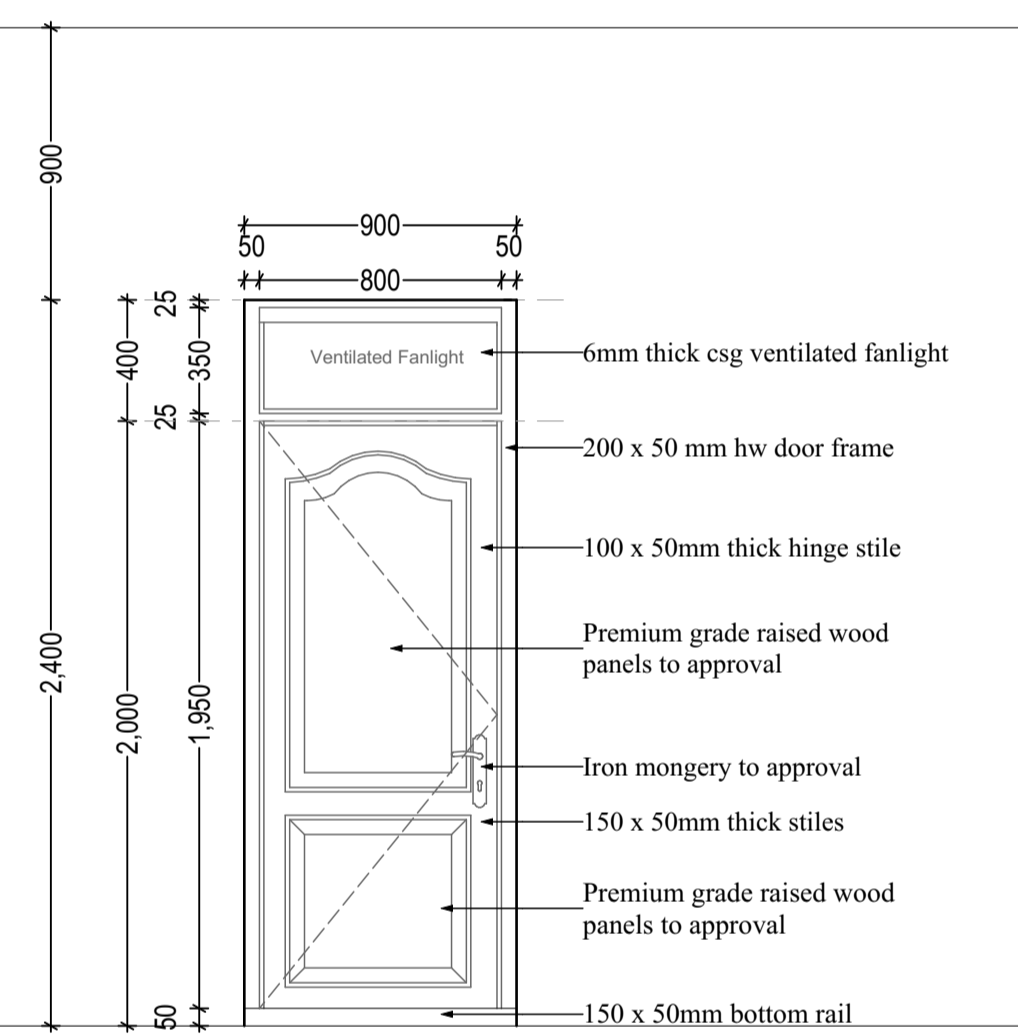
Drwng no.	Description	Location	No.
D-03	Solid timber panelled door with mahogany veneered on both sides	Highway lab, Concrete lab, Soil lab, Fire exit, Lobby	22



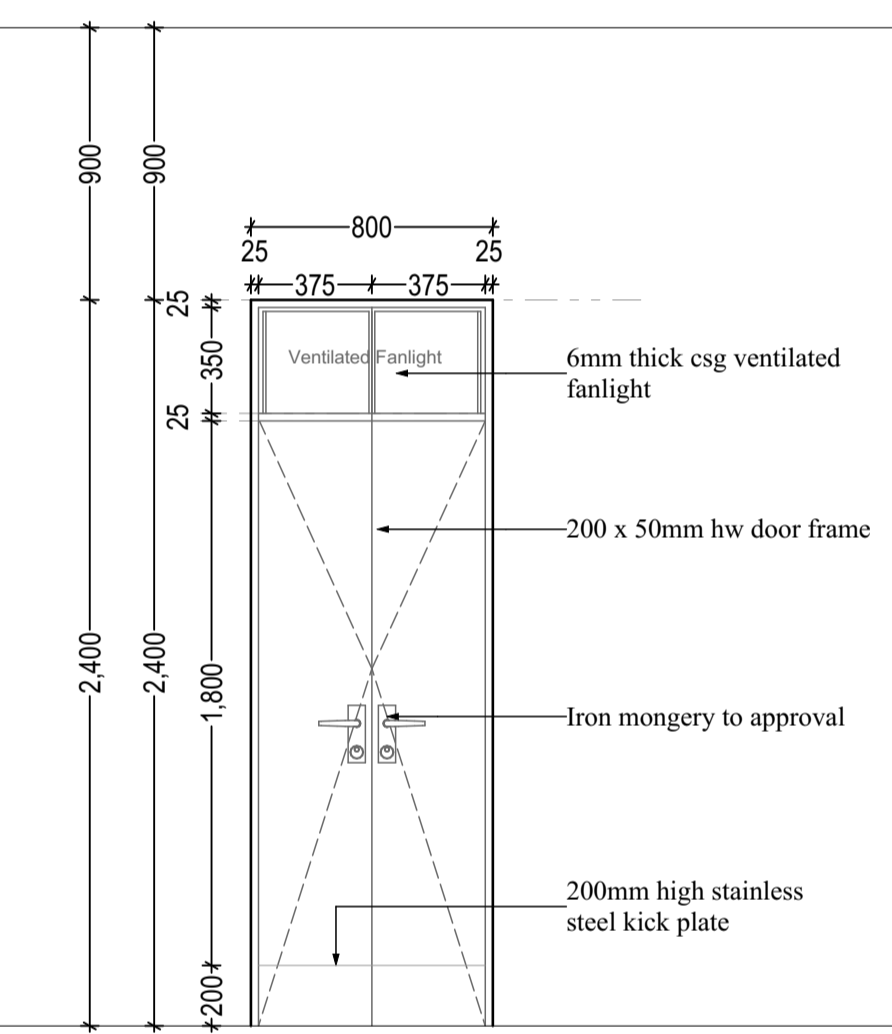
Drwng no.	Description	Location	No.
D-04	50mm thick post formed solid core flush door mahogany veneered on both sides	Washrooms, Air lock, cleaners store	13



Drwng no.	Description	Location	No.
D-05	50mm thick post formed solid core flush door mahogany veneered on both sides	PVD Washrooms	1



Drwng no.	Description	Location	No.
D-06	50mm thick post formed solid core door with mahogany veneered on both sides	Technician office, store, MGT. Office, Sec. office, Kitche neta, Open plan offices	8



Drwng no.	Description	Location	No.
D-07	50mm thick solid core flush double door mahogany veneered on both sides	Service duct	1

NOTES

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electrical
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fire fighting
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Dry riser.
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revisions

No.	Description

project
Proposed Tuition Block at KIHBT, Kibiku Ngong Campus, Kajiado County

drawing title
DOOR SCHEDULES

WP Item no.
D109/RV/KJD/2101

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