

**THE UNITED REPUBLIC OF TANZANIA**

**PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**

**PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA**

**MACHINGA OFFICE DRAWINGS**

President's Office, Regional Administration  
and Local Government.  
Government City-Mtumba,  
TAMISEMI Street,  
P.O. Box 1923,  
**41185 DODOMA**

NOVEMBER, 2022

# ARCHITECTURAL DRAWINGS

**OFFICE BLOCK**



President's Office, Regional Administration  
and Local Government.  
Government City-Mtumba,  
TAMISEMI Street,  
P.O. Box 1923,  
41185 DODOMA

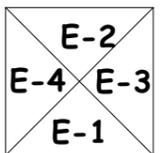
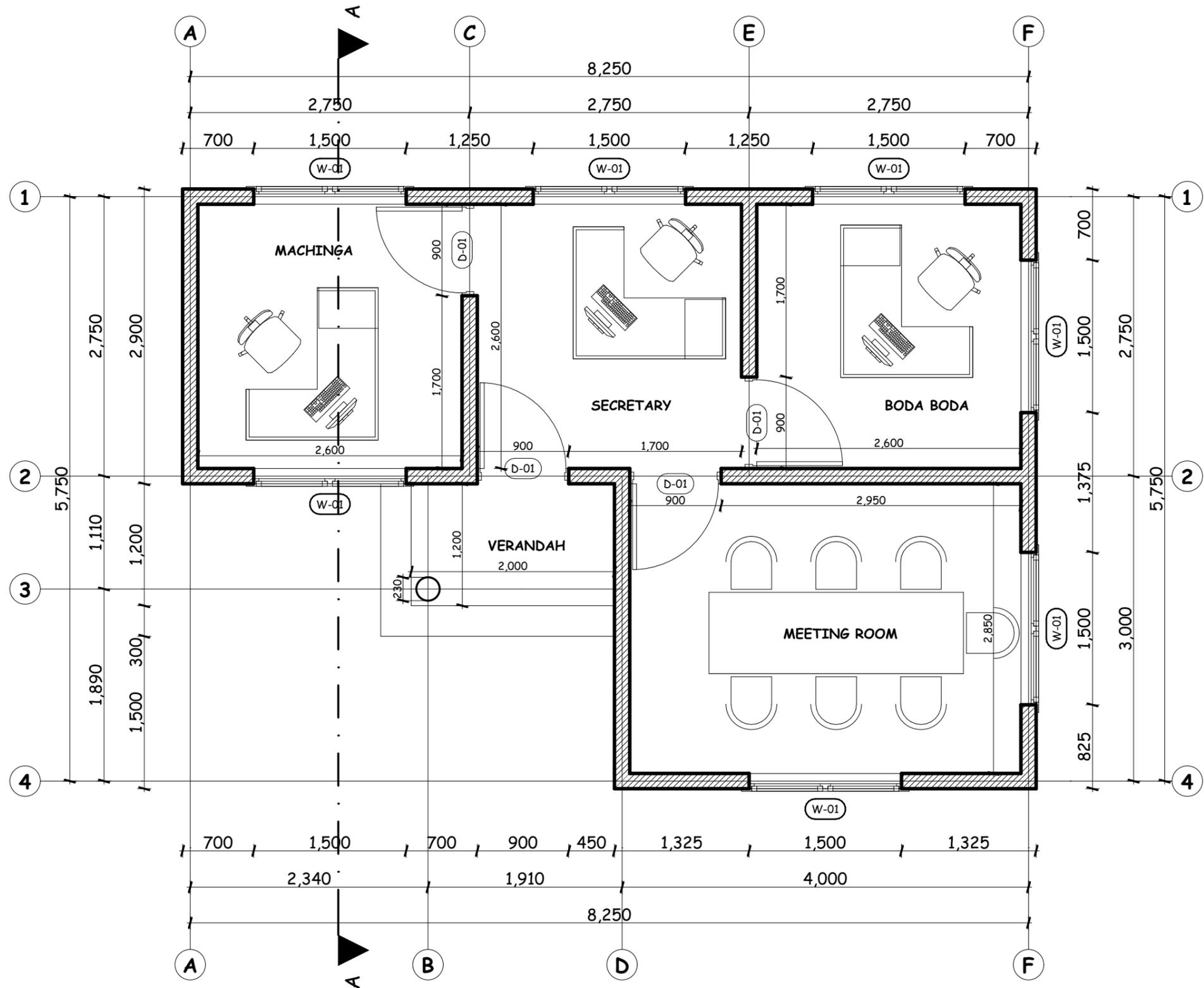
**Client**  
PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND  
LOCAL GOVERNMENT

**Project**  
PROPOSED MACHINGA OFFICE TO BE BUILT AT  
REGIONAL OFFICE IN TANZANIA

**Drawing title**  
**MACHINGA OFFICE**  
3D VIEW

Project number	MAO/F005	
Date		NOV, 2022
Drawn by		TCM
Checked by		IAS
Scale	1:150	

WINDOW SCHEDULE		
WINDOW TYPE	HEIGHT X WIDTH	QUANTITY
W-01	1500 X 1500	07
DOOR SCHEDULE		
DOOR TYPE	HEIGHT X WIDTH	QUANTITY
D-01	2500 X 900	04



ELEVATION KEY

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Project  
PROPOSED MACHINGA OFFICE TO BE BUILT AT  
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Drawing title  
**MACHINGA OFFICE**  
FLOOR PLAN

Project number

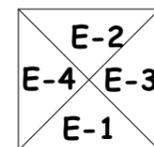
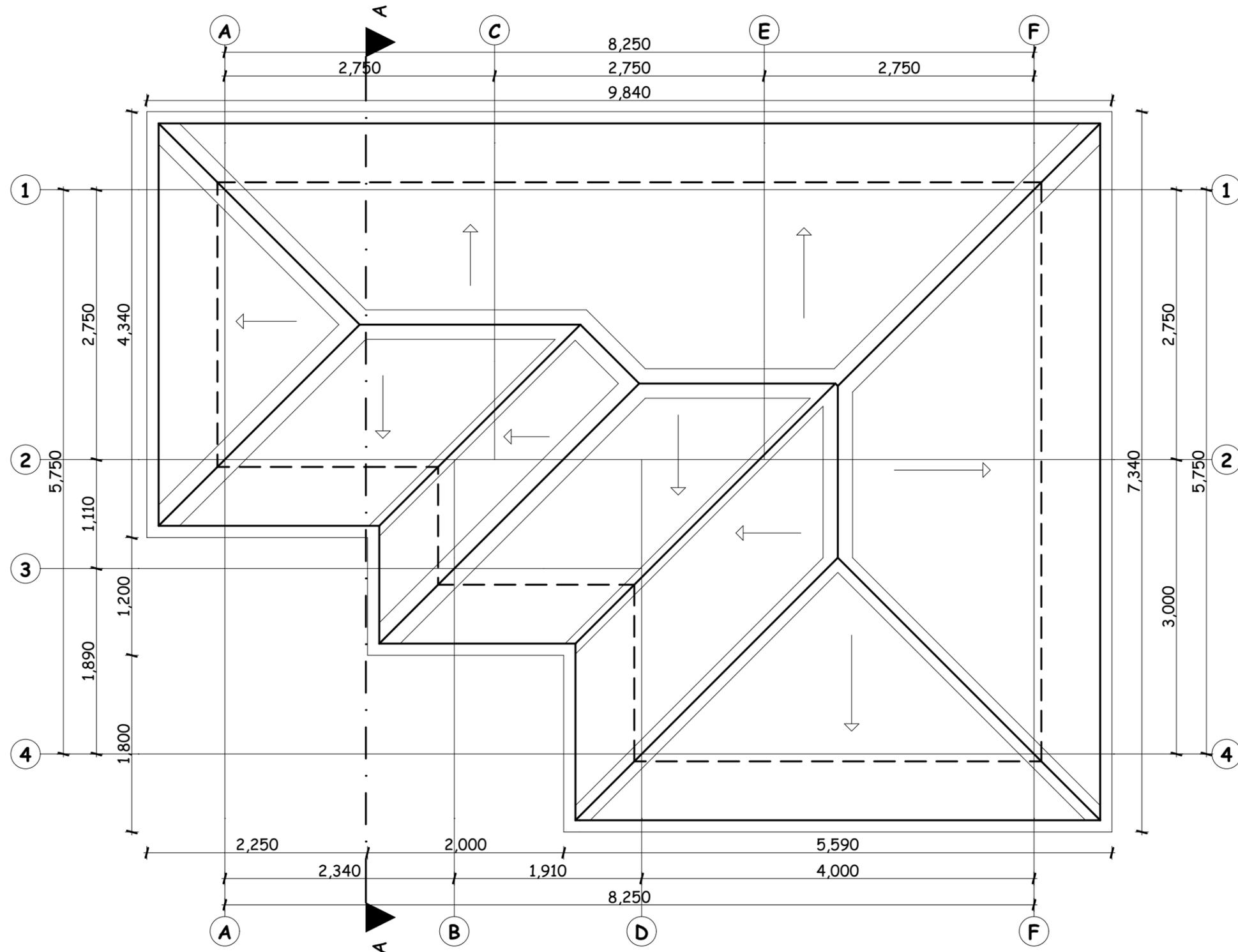
Date NOV, 2022

Drawn by TCM

Checked by IAS

MAO/F001

Scale 1:75



ELEVATION KEY

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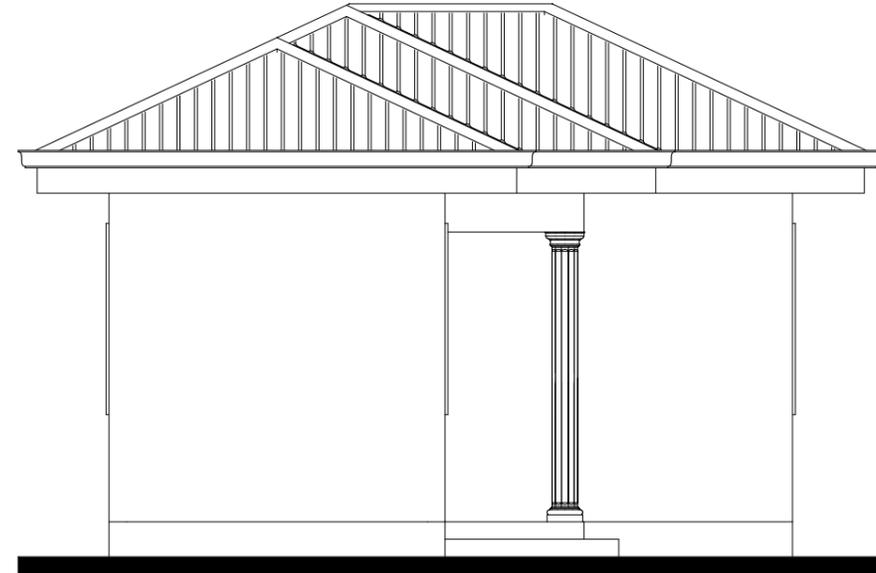
Project  
PROPOSED MACHINGA OFFICE TO BE BUILT AT  
REGIONAL OFFICE IN TANZANIA

Drawing title  
**MACHINGA OFFICE**  
ROOF PLAN

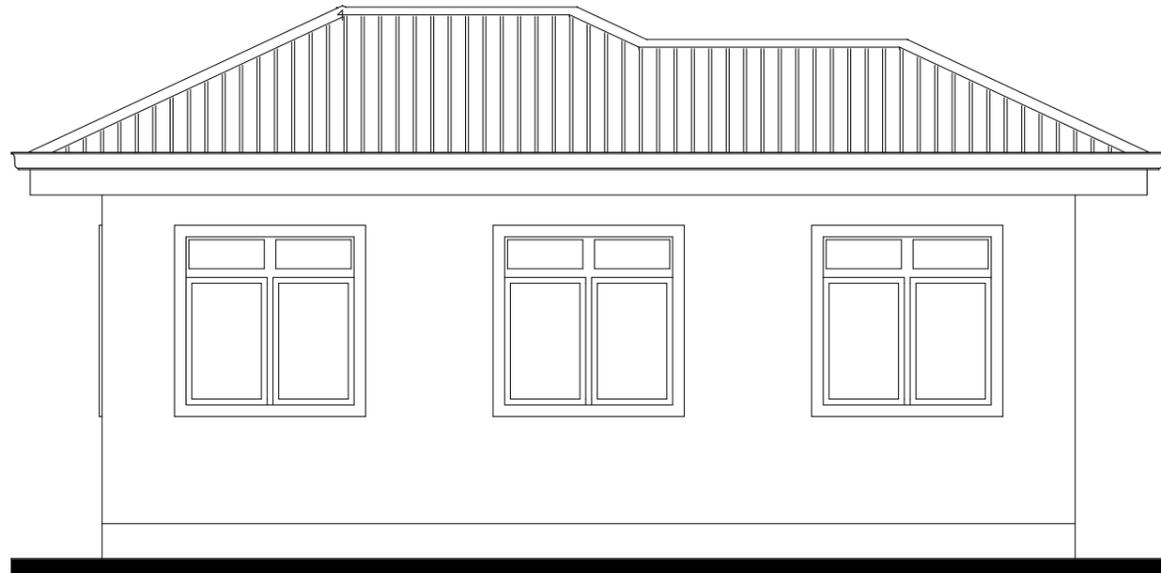
Project number	MAO/F002	
Date		NOV, 2022
Drawn by		TCM
Checked by		IAS
Scale	1:75	



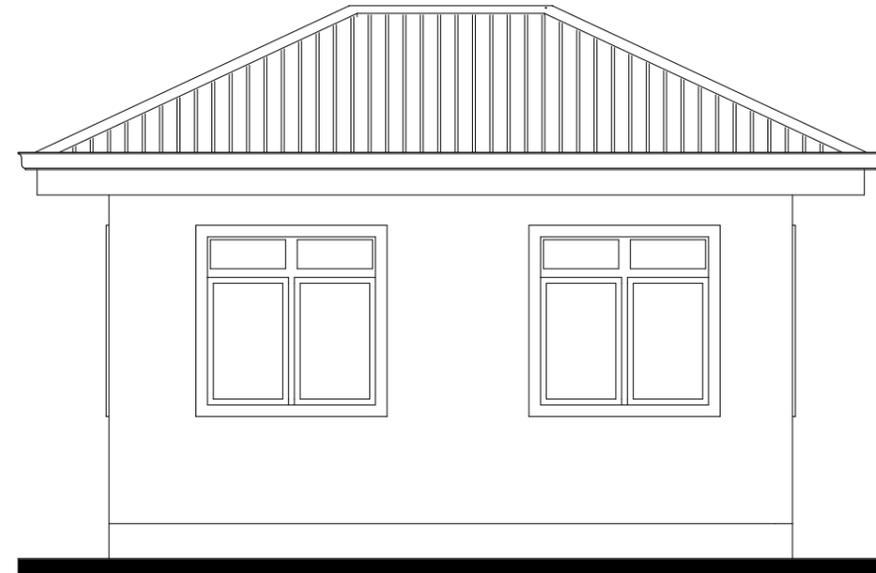
E-1 ELEVATION



E-4 ELEVATION



E-2 ELEVATION



E-4 ELEVATION

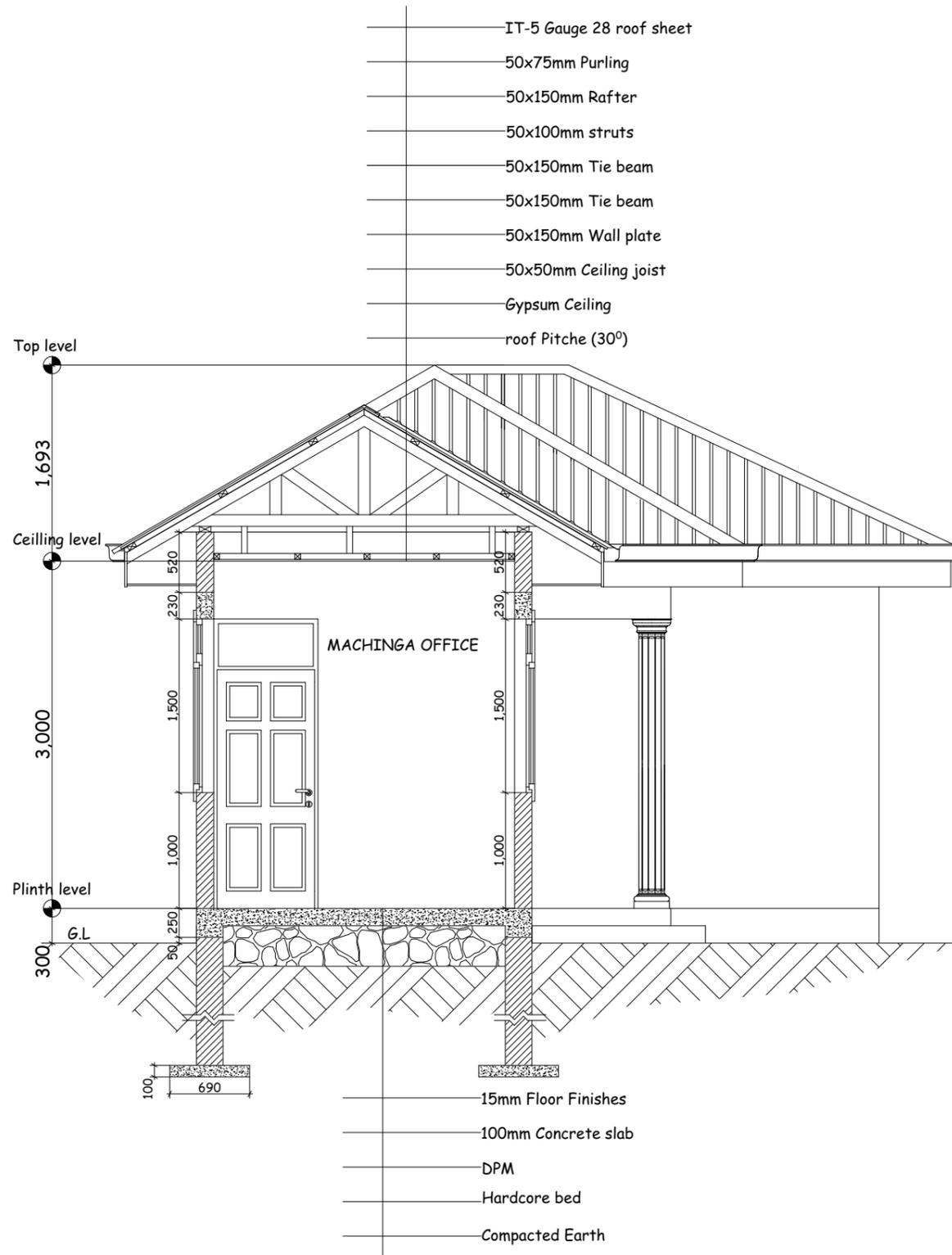
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Project  
PROPOSED MACHINGA OFFICE TO BE BUILT AT  
REGIONAL OFFICE IN TANZANIA

Drawing title  
**MACHINGA OFFICE  
ELEVATIONS**

Project number	<b>MAO/F003</b>	
Date		NOV, 2022
Drawn by		TCM
Checked by		IAS
Scale	1:75	



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Project  
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Drawing title  
**MACHINGA OFFICE**  
SECTION (A-A)

Project number

Date NOV, 2022

Drawn by TCM

Checked by IAS

MAO/F004

Scale 1:50

**TOILET BLOCK**



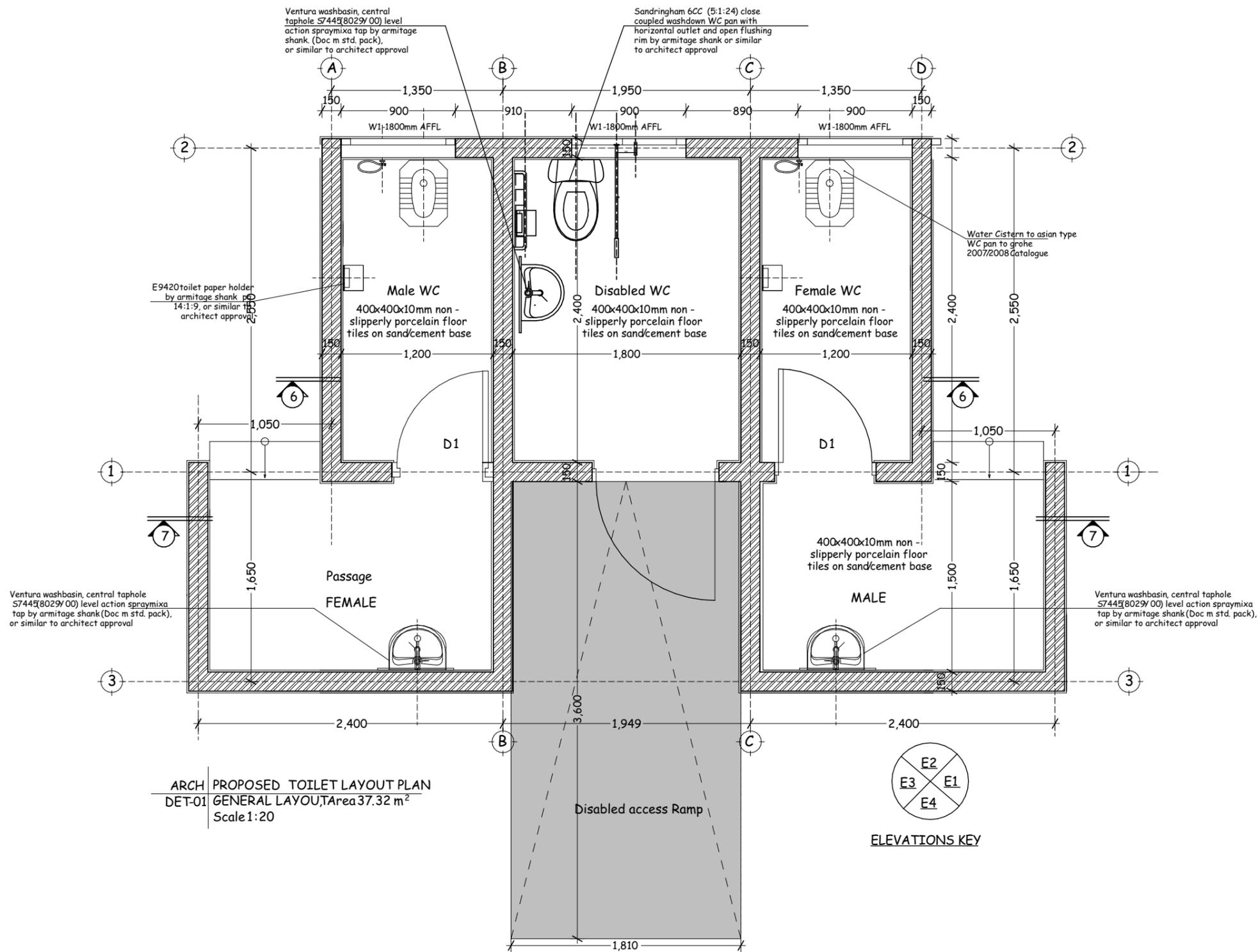
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Project  
PROPOSED MACHINGA OFFICE TO BE BUILT AT  
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Drawing title  
**MACHINGA OFFICE**  
3D VIEW

Project number	MAO/E006	
Date		NOV, 2022
Drawn by		TCM
Checked by		IAS
Scale	1:150	

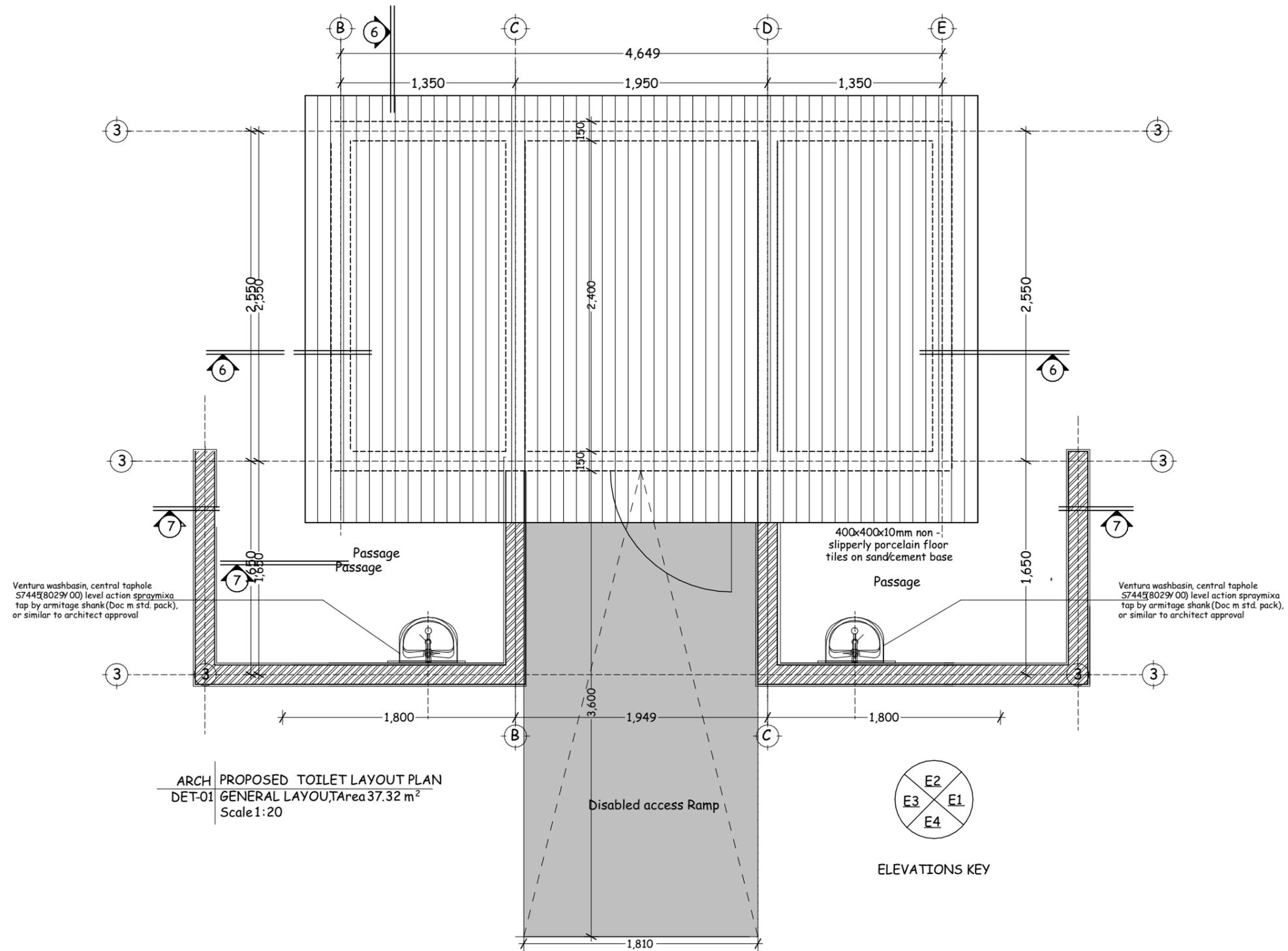


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Project  
PROPOSED MACHINGA OFFICE TO BE BUILT AT  
REGIONAL OFFICE IN TANZANIA

Drawing title		MAO/E001
<b>TOILET BLOCK SECTION (7-7)</b>		
Project number		Scale 1:75
Date	NOV, 2022	
Drawn by	TCM	
Checked by	IAS	



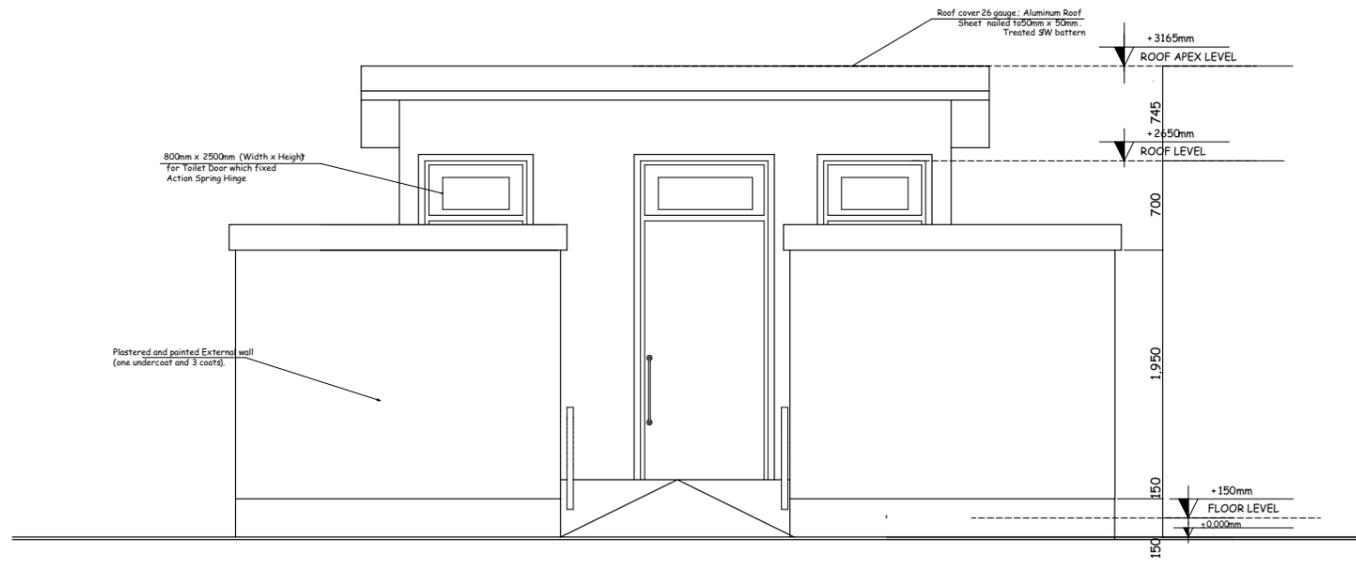
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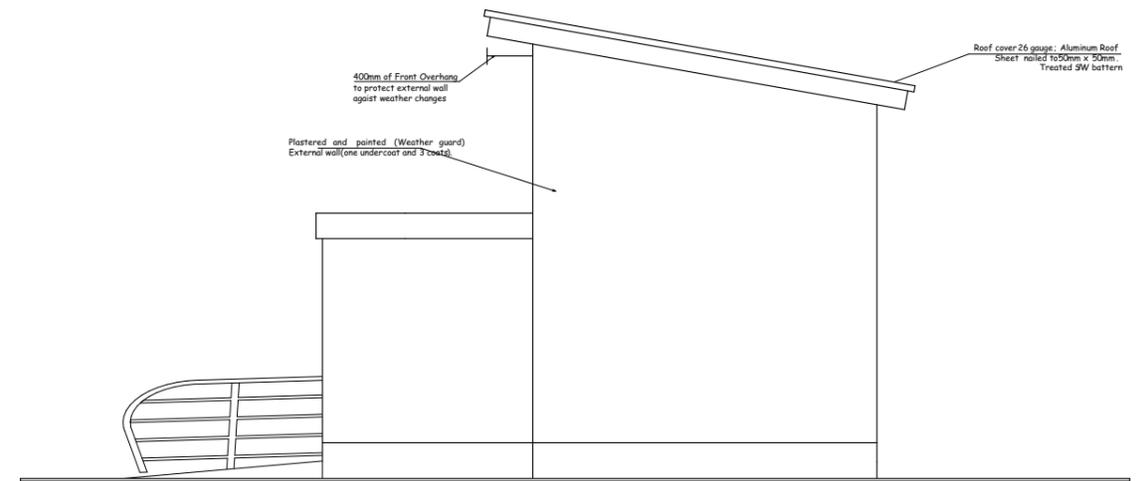
Project  
 PROPOSED MACHINGA OFFICE TO BE BUILT AT  
 REGIONAL OFFICE IN TANZANIA

Drawing title  
**TOILET BLOCK**  
 SECTION (7-7)

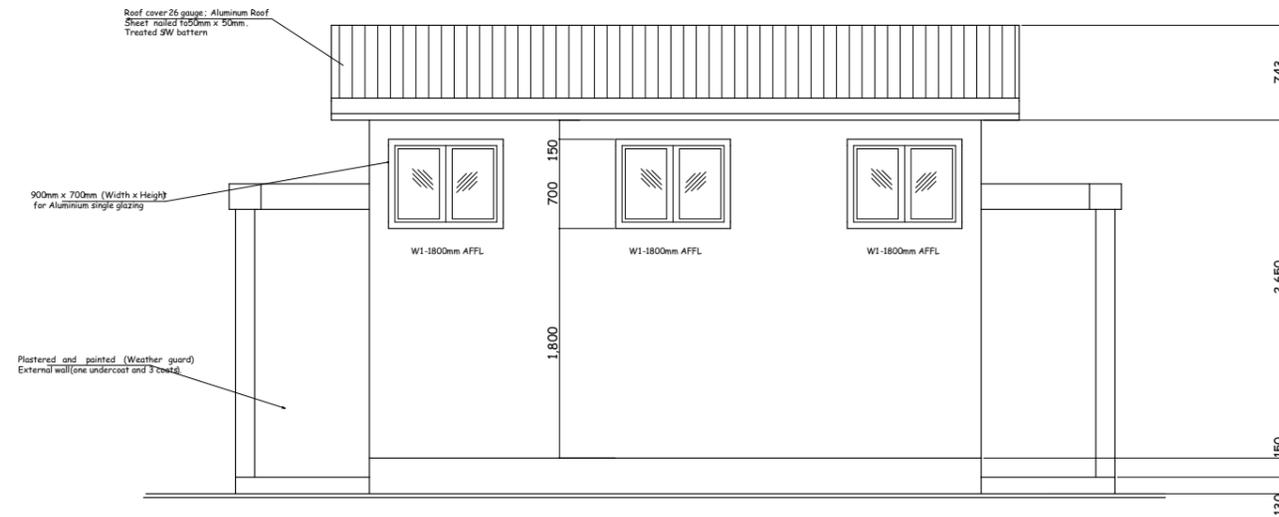
Project number	MAO/E002	
Date		NOV, 2022
Drawn by		TCM
Checked by		IAS
Scale	1:75	



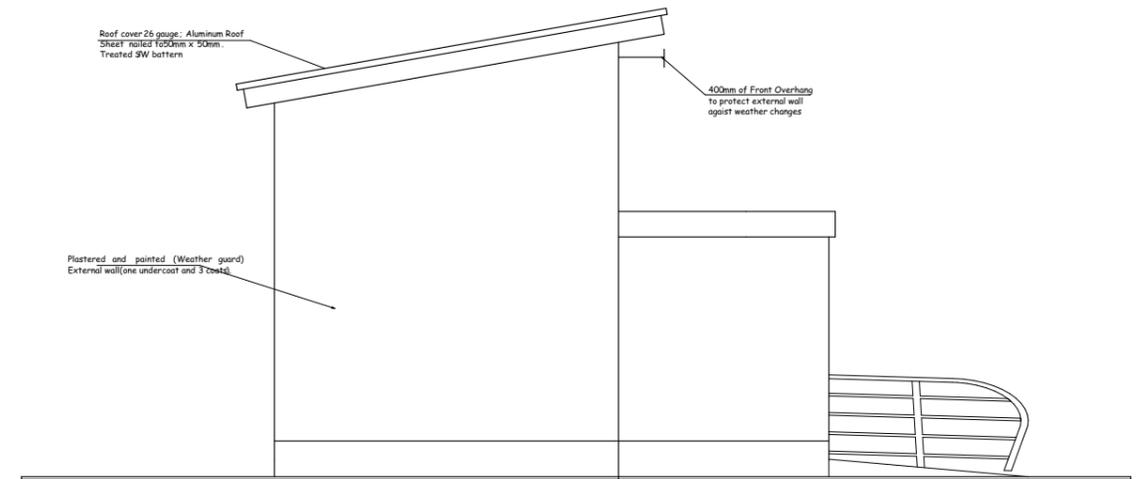
ARCH | PROPOSED TWO FEMALE AND TWO MALE WITH DISABLED BETWEEN TOILET  
 DET01 | ELEVATION B  
 Scale 1:20



ARCH | PROPOSED TWO FEMALE AND TWO MALE WITH DISABLED BETWEEN TOILET  
 DET01 | ELEVATION B  
 Scale 1:20



ARCH | PROPOSED TWO FEMALE AND TWO MALE WITH DISABLED BETWEEN TOILET  
 DET01 | ELEVATION B  
 Scale 1:20



ARCH | PROPOSED TWO FEMALE AND TWO MALE WITH DISABLED BETWEEN TOILET  
 DET01 | ELEVATION B  
 Scale 1:20

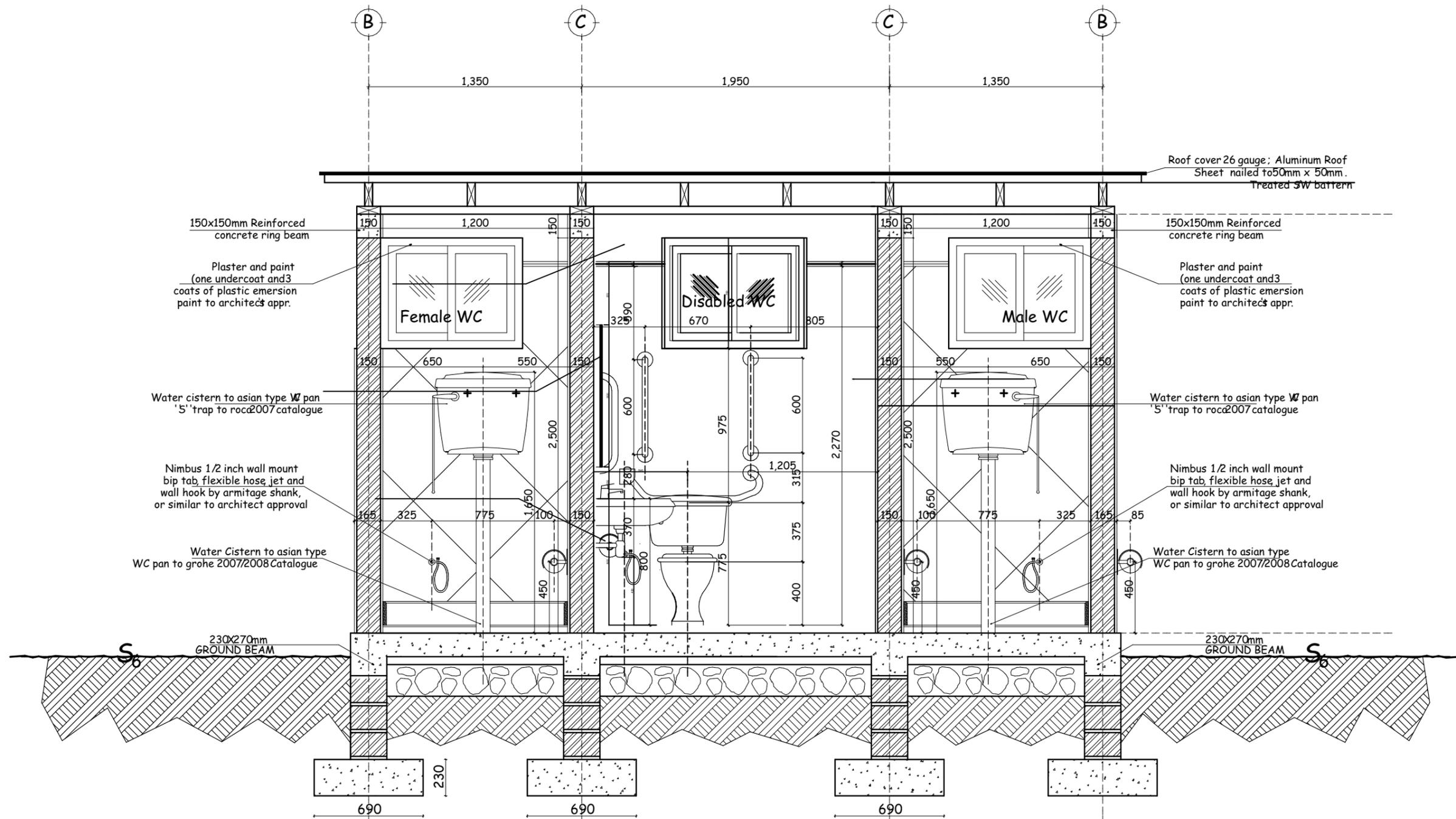
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Project  
 PROPOSED MACHINGA OFFICE TO BE BUILT AT  
 REGIONAL OFFICE IN TANZANIA

Drawing title  
**TOILET BLOCK  
 SECTION (7-7)**

Project number		MAO/E003
Date	NOV, 2022	
Drawn by	TCM	
Checked by	IAS	
Scale	1:75	



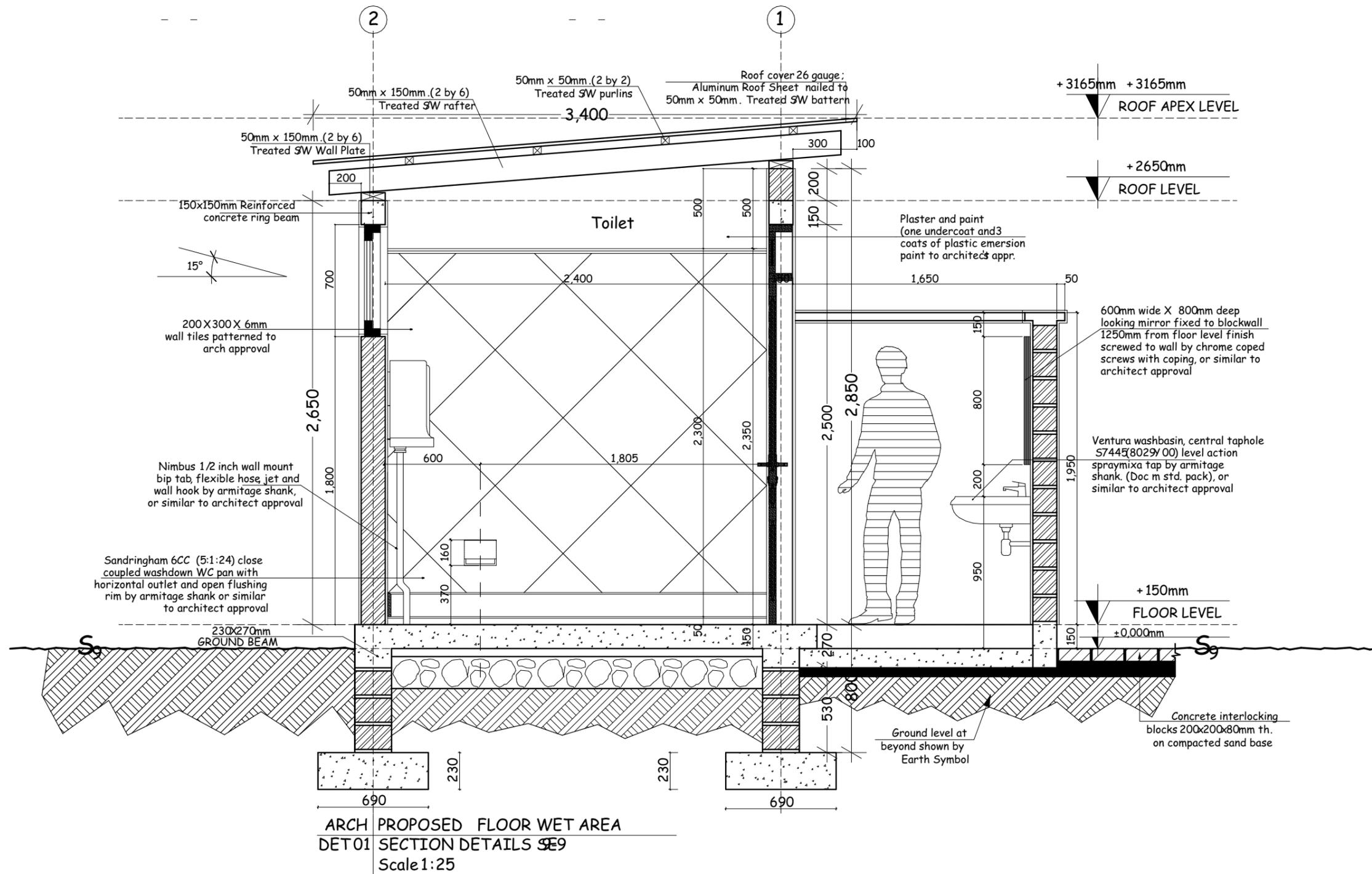
ARCH | PROPOSED FLOOR WET AREA  
 DET01 | SECTION DETAILS SE6-6  
 Scale 1:25

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Project  
 PROPOSED MACHINGA OFFICE TO BE BUILT AT  
 REGIONAL OFFICE IN TANZANIA

Drawing title		
<b>TOILET BLOCK</b> SECTION (7-7)		
Project number		MAO/E004
Date	NOV, 2022	
Drawn by	TCM	Scale 1:75
Checked by	IAS	



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Project  
PROPOSED MACHINGA OFFICE TO BE BUILT AT  
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Drawing title  
**TOILET BLOCK**  
SECTION (7-7)

Project number		MAO/E005
Date	NOV, 2022	
Drawn by	TCM	
Checked by	IAS	
Scale		1:75

**PRESIDENT'S OFFICE**  
**REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**



**SCHEDULES OF MATERIALS FOR THE PROPOSED CONSTRUCTION OF  
MACHINGA OFFICE AND THREE STANCES TOILET BLOCK**

November, 2022

## SCHEDULES OF MATERIALS FOR THE PROPOSED CONSTRUCTION OF MACHINGA OFFICE

S/N.	DESCRIPTION	UNIT	QTY	PRICE-TZS	AMOUNTS(TZS)
<b>A</b>	<b>SUBSTRUCTURE;</b>				
	<b>Strip foundation Plain insitu Concrete " grade 15"</b>				
	Sand (4.5m3)	M <sup>3</sup>	3		
	Aggregate (3/4")	M <sup>3</sup>	6		
	Cement-50kgs	Bag	27		
	<b>Sub total</b>				
<b>B</b>	<b>FOUNDATION WALL</b>				
	Sand	M <sup>3</sup>	1		
	6" Cement, Chipping & Sand Block	PCS	294		
	Cement-50kgs	Bag	5		
	Moram average depth 150mm	M <sup>3</sup>	10		
	<b>Sub total</b>				
	<b>Hardcore 150mm</b>				
	Hardcore 150mm thick -4.5m3 per trip	Trip	2		
	Adrian solution - 1000mls	Bottle	1		
	<b>Subtotal</b>				
	<b>Concrete grade "25" for Plinth Beam and column</b>				
	Aggregate (3/4")	M <sup>3</sup>	2		
	Sand	M <sup>3</sup>	1		
	Cement-50kgs	Bag	24		
	Timber 1"x 8" for Formwork	PCS	15		
	Timber 2"x 2" for Formwork	PCS	5		
	Nails 3"	Kgs	4		
	Nails 4"	Kgs	3		
	Reinforcement - 8mm diameter	PCS	15		
	Reinforcement - 12mm diameter high tensile	PCS	14		
	Binding Wire - 25kg	Kgs	6		
	<b>Sub total</b>				
	<b>Concrete</b>				
	<b>Grade 20 oversite concrete 100mm.</b>				
	Sand	M <sup>3</sup>	2		
	Aggregate (3/4")	M <sup>3</sup>	4		
	Cement( 42.5 )	Bag	18		
	DPM	m <sup>2</sup>	36		
	<b>Sub total</b>				
<b>C</b>	<b>SUPERSTRUCTURE</b>				
	<b>Walling 150mm thick wall</b>				
	Sand.	M <sup>3</sup>	4		
	6" Cement, Chipping & Sand Block	PCS	729		
	Cement-50kgs	Bag	19		
	DPC size 1000x25000mm	Roll	0.5		
	<b>Sub total</b>				
	<b>CONCRETE GRADE "25" (RINGBEAM &amp; COLUMN)</b>				
	Ring beam size 200mm width 150mm.				
	Sand	M <sup>3</sup>	0.5		
	Aggregate (3/4")	M <sup>3</sup>	1		
	Cement-50kgs	Bag	10		
	Reinforcement - 12mm diameter high tensile	PCS	14		
	Reinforcement - 8mm diameter	PCS	12		
	Binding Wire - 25kg	Kgs	5		
	Timber 1"x 8" x 12'	PCS	10		
	Timber 2"x 2" x 12'	PCS	5		
	Nails 3"	Kgs	4		
	Nails 4"	Kgs	3		
	Concrete Nails	Box	4		
	<b>Sub total</b>				

<b>D</b>	<b>ROOF STRUCTURE &amp; COVERING</b>			
	<b>Roof Structure - Provisional (5m long)</b>			
	Timber 2" X 6" King Post, rafter, Tie beam	PCS	16	
	Timber 2" X 4" , wall plate and struts	PCS	16	
	Timber 2" X 3" , Purlin	PCS	12	
	Timber 1" x 8" Fascia board	PCS	7	
	Nails 3"	Kgs	7	
	Nails 4"	Kgs	4	
	<b>Sub total</b>			
	<b>Covering</b>			
	Corrugated Iron sheet 28 size 3000x 900mm	PC	21	
	Hips/Ridge and valley - 28 G (3m long)	PCS	9	
	Roofing Nails	Pcket	6	
	<b>Sub total</b>			
<b>F</b>	<b>DOOR</b>			
	<b>40mm thick hardwood paneled door shutter</b>			
	900x2100mm high	No.	4	
	<b>Sub total</b>			
	<b>Frames (hardwood),Varnish, Glass &amp; Burglar bar</b>			
	900x2500mm high	PCS	4	
	<b>IRONMONGERIES</b>			
	Brass hinges - 100mm	Pair	6	
	UNION 3 levers or equal and approved manufactureres	PCS	4	
	<b>Sub total</b>			
<b>G</b>	<b>WINDOW</b>			
	<b>Supply and fix Aluminium Sliding windows with 4mm thick clear glass divided into pannel including its accessories</b>			
	Size 1500 x 1500mm high	No.	7	
	<b>Grill</b>			
	Supply and fix 4mm thick flat bar Grills, painted red oxide overall size 1500 x 1500mm high	No.	7	
	Ditto size 900x2500mm high including hinges and all accessories for door shutter size 900 x 2100mm high	No.	2	
	<b>Sub total</b>			
<b>H</b>	<b>Wall Finishing</b>			
	<b>plaster 1:4 internally and externally</b>			
	Sand	M <sup>3</sup>	5	
	Cement-50kgs	Bag	4	
	White cement-50kg	Bag	2	
	Gypsum powder	Bag	10	
	<b>Sub total</b>			
<b>J</b>	<b>CELLING</b>			
	Softwood za 2'x 2' ( pressure impregnated ) brandering @ 5m long	PCS	36	
	Gypsum board -9mm thick	PCS	13	
	Gypsum cornice 2m	PCS	27	
	Fiber tape @ 90m	Roll	1	
	Gypsum powder	Bag	4	
	Gypsum screw	Packet	2	
	<b>Sub total</b>			
<b>K</b>	<b>FLOOR</b>			
	<b>Bedding/Backing; cement and sand (1:2:2); to steel finishing</b>			
	Sand	M <sup>3</sup>	2	
	Cement-50kgs	Bag	12	
	<b>Sub total</b>			
	<b>Floor finish</b>			

	Porcelain floor tiles 400mm x 400mm x 8mm thick (1.92m2 per Box)	Box	19		
	Skirting tiles @ box 25pcs	Box	4		
	Grout	Pcket	6		
	Aluminium Strip (8feet)	PCS	2		
	<b>Sub total</b>				
<b>L</b>	<b>PAINTING &amp; DECORATION</b>				
	Emulsion Paint - 20 LTRS	buckets	3		
	Washable paint -10 LTRS	buckets	3		
	Varnish	Tin	1		
	black bitumen paint	Tin	1		
	White cement 40kg	Bag	1		
	Weather guard Paint - 10 LTRS	buckets	3		
	<b>Sub total</b>				
<b>M</b>	<b>ELEMENT NR.09- ELECTRICAL INSTALLATION</b>				
	Gypsum (ceiling)light complete with energy saver 11w	6	No		
	Twin switch socket ABB or other equal approved	5	No		
	Main switch 4way,SPN with integral RCD 100A/300mmA ABB other equal approved	1	No		
	<b>NB:</b> Cables for 1.5sqmm 2.5sqmm and 4sqmm should be EURO or other equal approved				
	Single core wire 1.5sqmm - Red	50	m		
	Single core wire 1.5sqmm - Black	50	m		
	Single core wire 1.5sqmm -green	50	m		
	Single core wire 2.5sqmm - red	30	m		
	Single core wire 2.5sqmm	30	m		
	Single core wire 2.5sqmm green	30	m		
	Single core wire 4sqmm	3	M		
	1.6sqmm, twin cable	5	M		
	1gang 1way switch ABB or other equal approved	3	No		
	2gang 1way switch ABB or other equal approved	2	No		
	Earth rod approved copper 16mm not less than 1200mm	1	No		
	Earth wire 4sqmm	8	M		
	Metal box twin	3	No		
	Metal box single	6	No		
	Junction box	10	No		
	Conduit pipe	17	PC's		
	Elbow	9	PC's		
	Conduit coupling	9	PC's		
	Round cover	1	PACKET		
	Round box	2	No		
	Fine screw	1	PACKET		
	plastic clips 22mm	1	Box		
	<b>Sub total</b>				
	<b>MATERIAL COSTS</b>				

**Note:**

i. KEY: SQM = Square Meter

ii. Preliminary cover the following item:

Setting out working tools, Equipments, Temporary toilets, water for the works, Scaffolding, Power for the works, Security, store, Materials test and signboard.

## SCHEDULES OF MATERIALS FOR CONSTRUCTION OF EXTERNAL TOILET (THREE STANCES) FOR MACHINGA OFFICE

S/N.	DESCRIPTION	UNIT	QTY	PRICE-TZS	AMOUNTS(TZS)
<b>A</b>	<b>SUBSTRUCTURE;</b>				
	<b>Strip foundation Plain insitu Concrete " grade 15"</b>				
	Sand (4.5m3)	M <sup>3</sup>	2		
	Aggregate (3/4")	M <sup>3</sup>	4		
	Cement-50kgs	Bag	16		
	<b>Sub total</b>				
<b>B</b>	<b>FOUNDATION WALL</b>				
	Sand	M <sup>3</sup>	0.6		
	6" Cement, Chipping & Sand Block	PCS	182		
	Cement-50kgs	Bag	3		
	Moram average depth 150mm	M <sup>3</sup>	3		
	<b>Sub total</b>				
	<b>Plinth Beam grade "20" and concrete bed &amp; Ramp grade15"</b>				
	Aggregate (3/4")	M <sup>3</sup>	5		
	Sand	M <sup>3</sup>	2		
	Cement-50kgs	Bag	30		
	Timber 1"x 8"	PCS	8		
	Timber 2"x 2"	PCS	5		
	Nails 3"	Kgs	3		
	Nails 4"	Kgs	2		
	Reinforcement - 8mm diameter for ring beam	PCS	10		
	Reinforcement - 12mm diameter high tensile	PCS	10		
	Binding Wire - 25kg	Kgs	3		
	<b>Sub total</b>				
<b>C</b>	<b>SUPERSTRUCTURE</b>				
	<b>Walling 150mm thick</b>				
	Sand.	M <sup>3</sup>	3		
	6" Cement, Chipping & Sand Block	PCS	576		
	Cement-50kgs	Bag	14		
	<b>Sub total</b>				
	<b>CONCRETE GRADE "20" (RINGBEAM )</b>				
	Ring beam				
	Sand	M <sup>3</sup>	0.5		
	Aggregate (3/4")	M <sup>3</sup>	1		
	Cement-50kgs	Bag	8		
	Reinforcement - 12mm diameter high tensile column	PCS	9		
	Reinforcement - 8mm diameter for ring beam	PCS	6		
	Binding Wire - 25kg	Kgs	3		
	Timber 1"x 8" x 12'	PCS	6		
	Timber 2"x 2" x 12'	PCS	5		
	Nails 3"	Kgs	3		
	Nails 4"	Kgs	2		
	Concrete Nails	Box	2		
	<b>Sub total</b>				
<b>D</b>	<b>ROOF STRUCTURE &amp; COVERING</b>				
	<b>Roof Structure - Provisional (5m long)</b>				
	Timber 2" X 4" rafter	PCS	4		
	Timber 2" X 4" , wall plate	PCS	3		
	Timber 2" X 3' , Purlin	PCS	4		
	Timber 1" x 8" Fascia board	PCS	3		
	Nails 3"	Kgs	2		
	Nails 4"	Kgs	1		
	<b>Sub total</b>				
	<b>Covering</b>				
	Corrugated Iron sheet 28 size 3000x 900mm	PC	6		
	Roofing Nails	Pckef	2		
	<b>Sub total</b>				

<b>E</b>	<b>DOOR</b>			
	<b>40mm thick hardwood paneled door shutter</b>			
	900x2100mm high	No.	2	
	1000x2100mm high	No.	1	
	<b>Sub total</b>			
	<b>Frames (hardwood),Varnish, Glass &amp; Burglar bar</b>			
	900x2500mm high	PCS	2	
	1000x2500mm high	No.	1	
	<b>IRONMONGERIES</b>			
	Brass hinges - 100mm	Pair	4.5	
	Mortice lockset with barrel bolt	PCS	3	
	<b>Sub total</b>			
<b>F</b>	<b>WINDOW</b>			
	<b>Supply and fix Aluminium Sliding windows with 4mm thick clear glass divided into pannel including its accessories</b>			
	Size 900 x 700mm	No.	3	
	<b>Sub total</b>			
<b>G</b>	<b>Wall Finishing</b>			
	<b>Plaster 1:4 internally and externally</b>			
	Sand	M <sup>3</sup>	3	
	Cement-50kgs	Bag	24	
	White cement-50kg	Bag	1	
	Gypsum powder	Bag	3	
	<b>Sub total</b>			
<b>H</b>	<b>FLOOR</b>			
	<b>Bedding/Backing; cement sand (1:2);</b>			
	Sand	M <sup>3</sup>	1	
	Cement-50kgs	Bag	6	
	<b>Sub total</b>			
	<b>Floor finish</b>			
	Porcelain floor tiles 400mm x 400mm x 8mm thick (1.92m2 per Box)	Box	10	
	C-Tiles size 400x400x8mm thick	Box	3	
	Ceramic wall files 250mm x 400mm (1.5)	Box	21	
	Grout	Pcket	4	
	<b>Sub total</b>			
<b>J</b>	<b>PAINTING &amp; DECORATION</b>			
	Emulsion Paint 20 LTRS	buckets	1	
	Washable paint -5 LTRS	buckets	1	
	Varnish	Tin	1	
	black bitumen paint	Tin	1	
	White cement 20kg	Bag	1	
	Weather guard Paint - 10 LTRS	buckets	1	
	<b>Sub total</b>			
<b>K</b>	<b>PLUMBING &amp; SANITARY INSTALLATION-PROVISIONAL</b>			
	White vitreous china Asian type WC with Flush tank completely with all its accessories	2	No	
	White vitreous china wash hand basin (HWB), size 750x440x200mm complete with self closing; semi pedestal and chain stay hole; 1 1/4in bead chain waste and plug; 80cm slotted tail bolt stay; isovalve servicing valves. rubber plug with slotted tail; 32mm plastic bottle trap with 75mm seal. And other accesories "RAK".	2	No	
	Disabled Toilet complete with its accessories , supporting rails, Handwashing Basin and any other accessories.	1	No	
	Plumbing connectors and pipes		Sum	
	Allow sum for 5000Litres water storage Tank as manufactured by SIMTANK or any other approved manufacturers and its water tank tower	1	Sum	
	<b>Sub total</b>			

