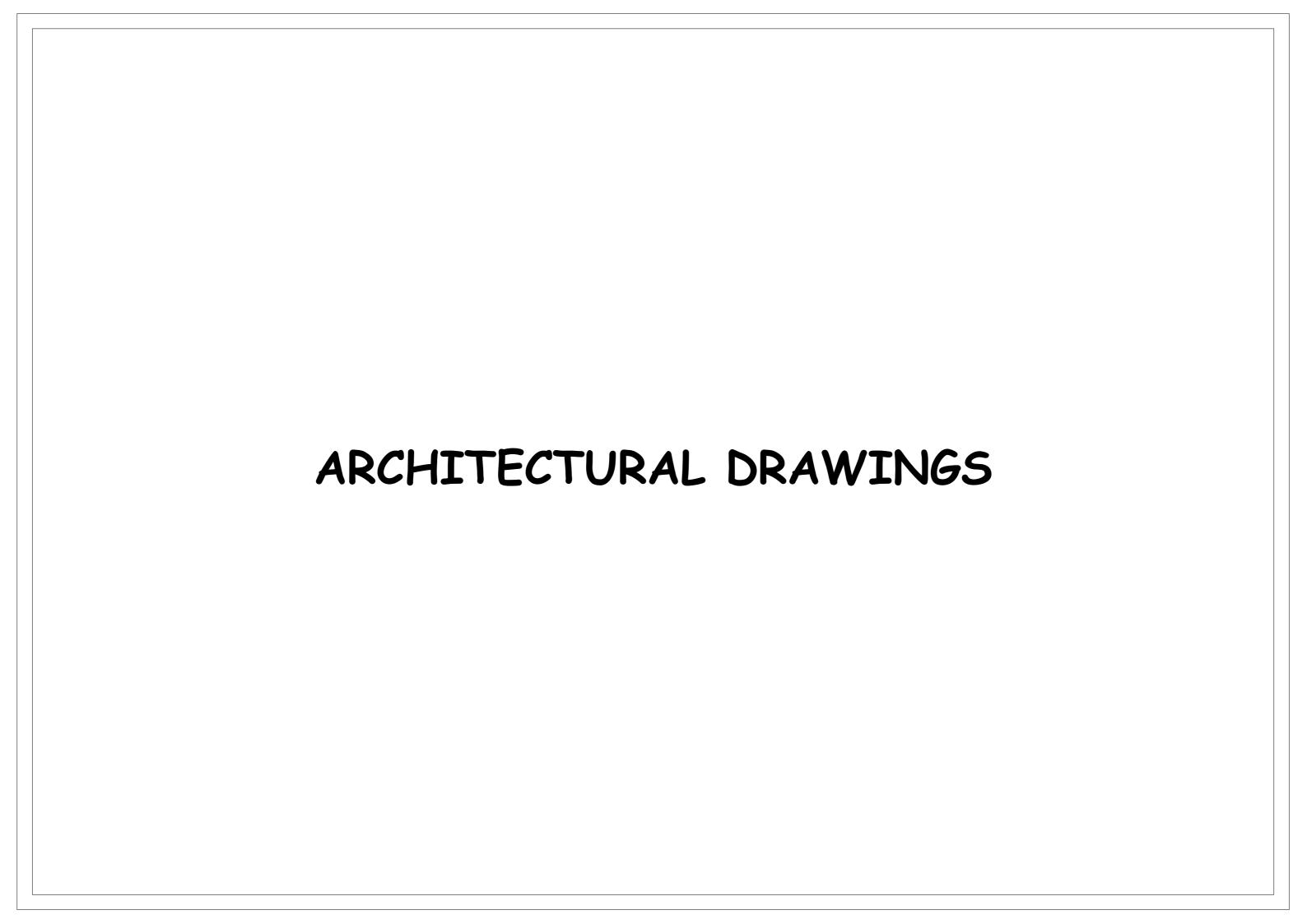
THE UNITED REPUBLIC OF TANZANIA

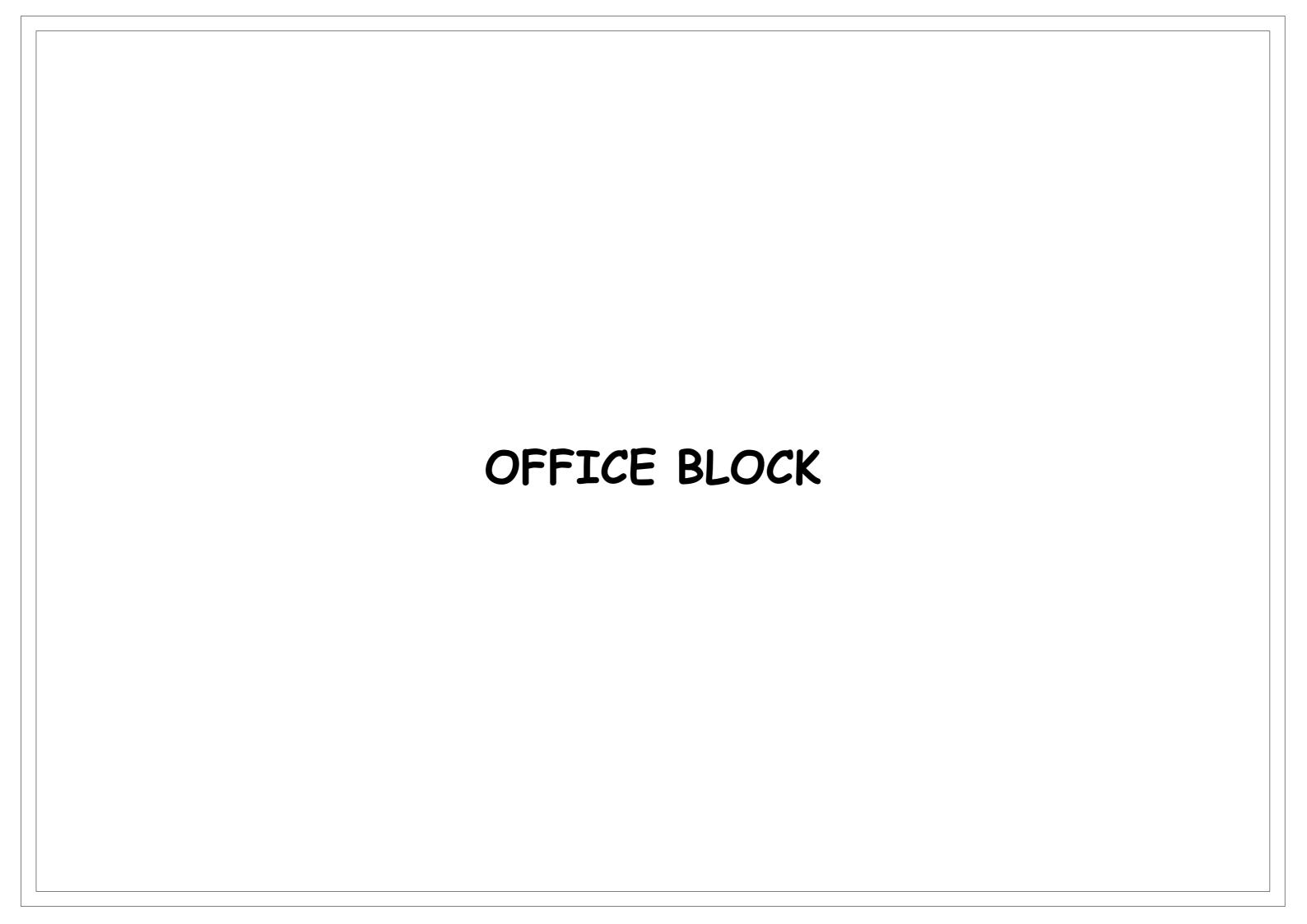
PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

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













Client

PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

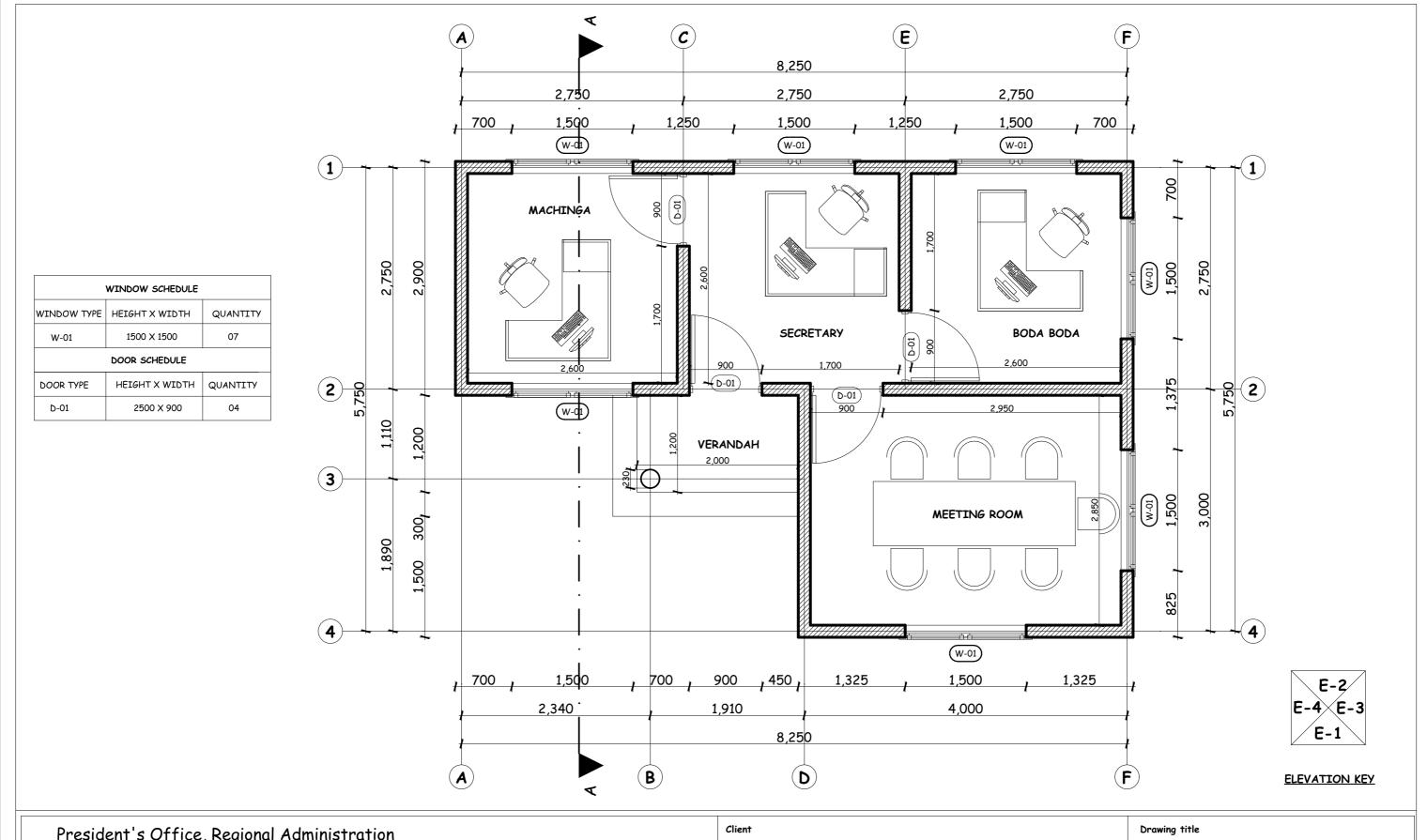
Project

PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA

Drawing title

MACHINGA OFFICE 3D VIEW

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



PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

Project

PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA

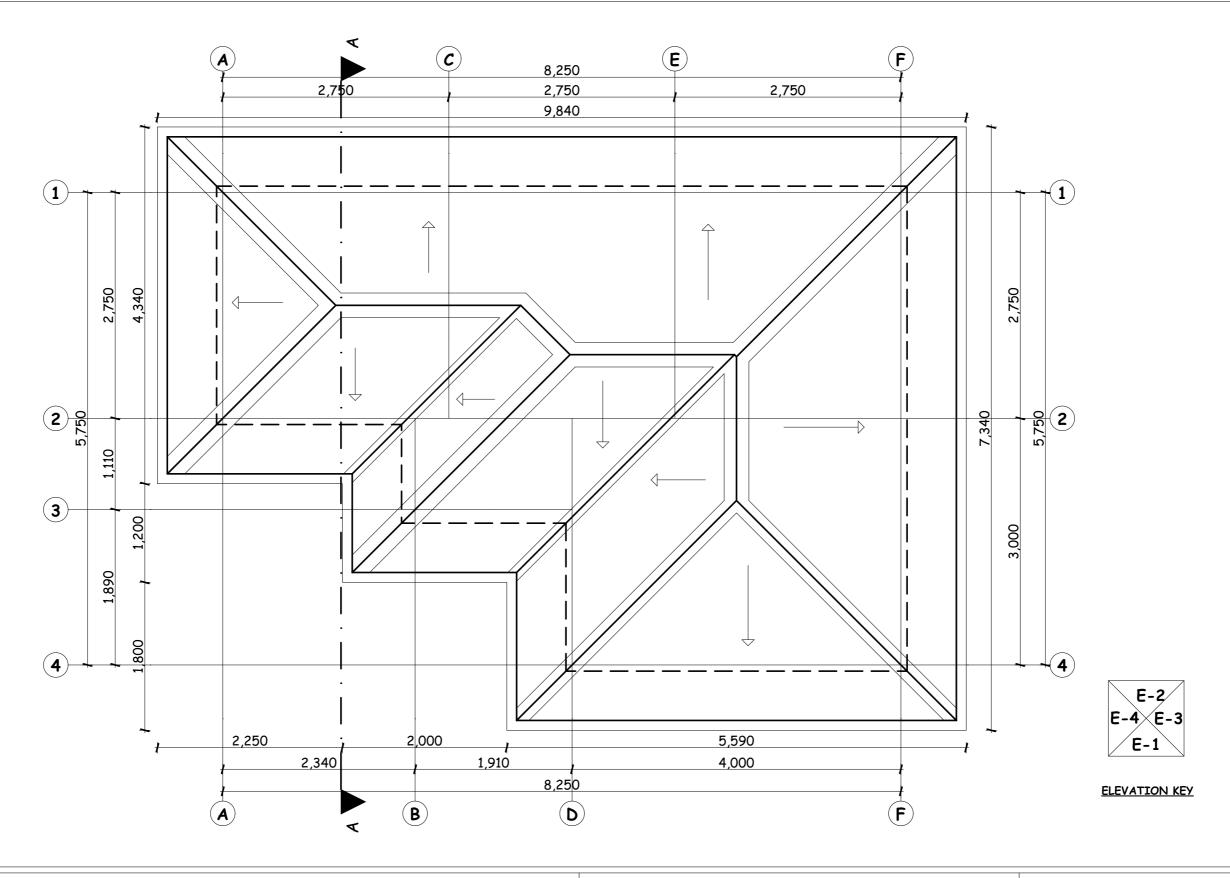
MACHINGA OFFICE FLOOR PLAN

Project number

Date NOV, 2022 MAO/F001

Drawn by TCM

Checked by IAS Scale 1:75



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PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

Project

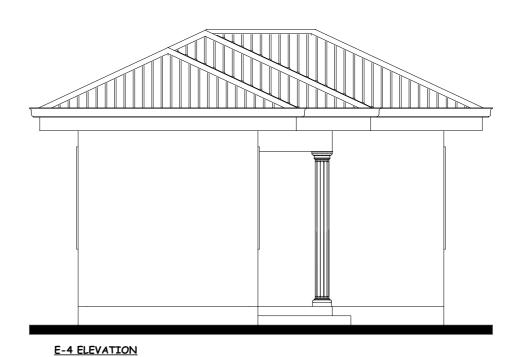
PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA

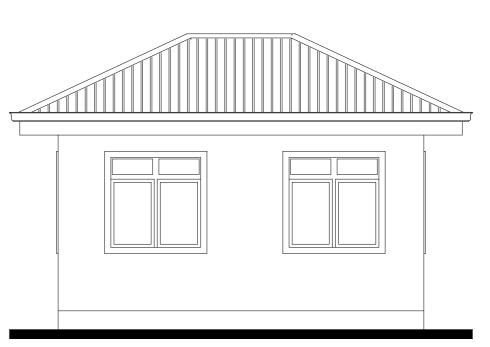
Dra	wing	title
Dia	wirig	11116

MACHINGA OFFICE ROOF PLAN

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







E-2 ELEVATION

E-4 ELEVATION

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PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

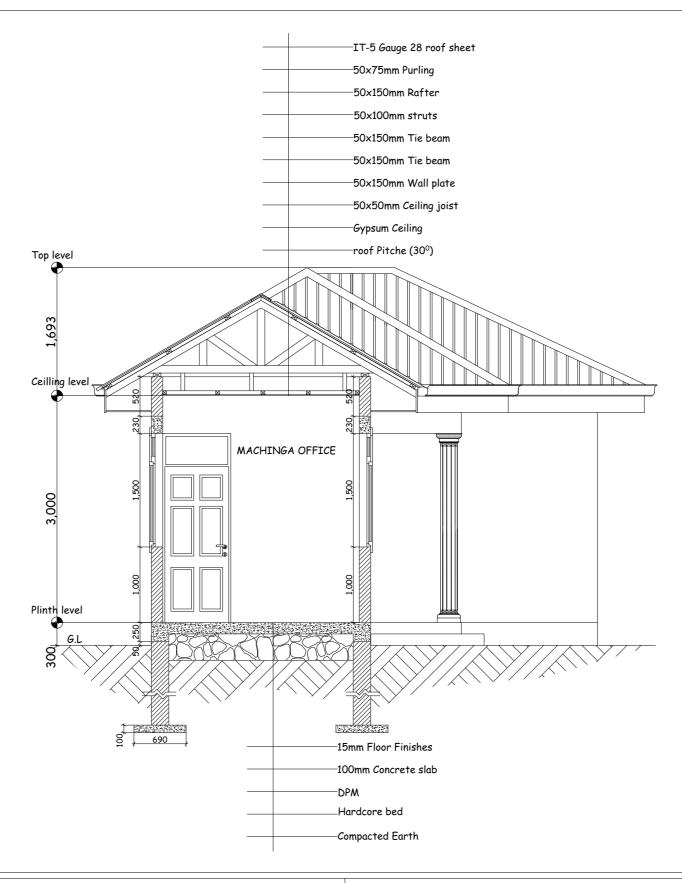
Project

PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA

rawing	title
	11110

MACHINGA OFFICE ELEVATIONS

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



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 SECTION (A-A)

Project numbe	r		
Date NOV, 2022		MAO/F004	
Drawn by	TCM		
Checked by	IAS	Scale	1:50











Client

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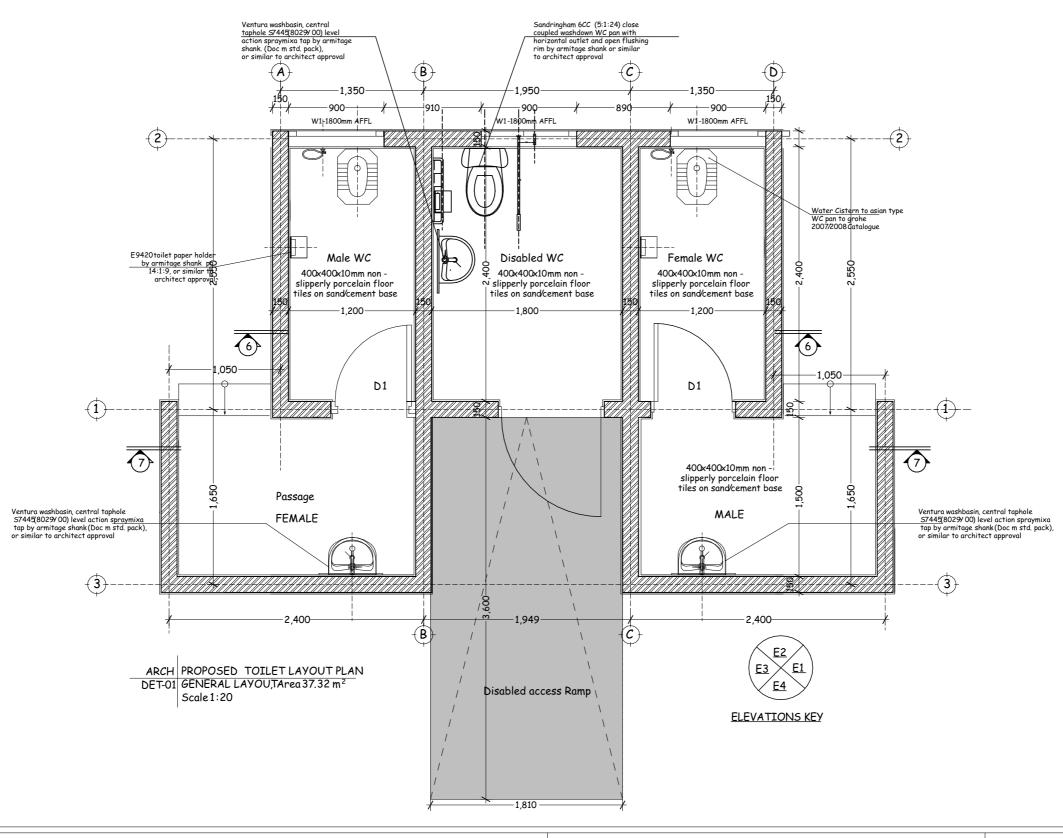
Project

PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA

Drawing	title

MACHINGA OFFICE 3D VIEW

Project number			
Date	NOV, 2022	MA	NO/E006
Drawn by	TCM		
Checked by	IAS	Scale	1:150



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PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

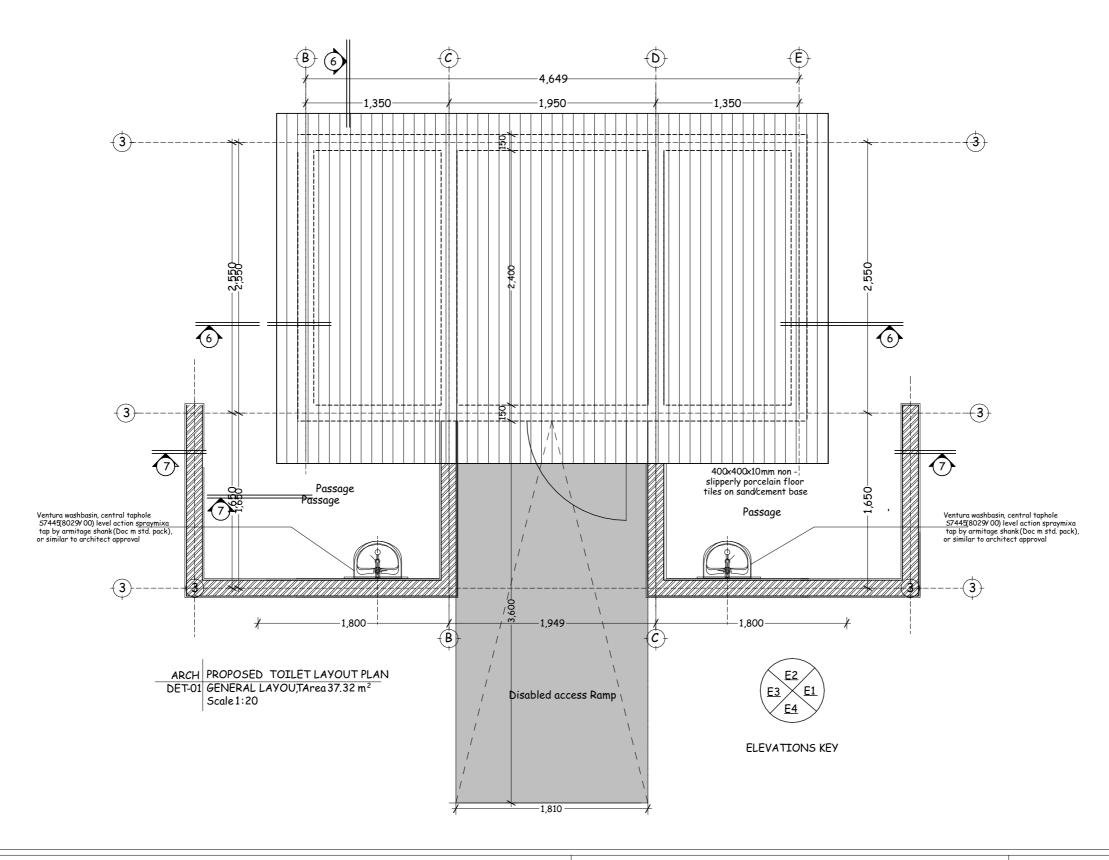
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PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA

awing	title

TOILET BLOCK SECTION (7-7)

Project numbe	r		
Date NOV, 2022		MAO/E001	
Drawn by	TCM		
Checked by	IAS	Scale	1:75



Client

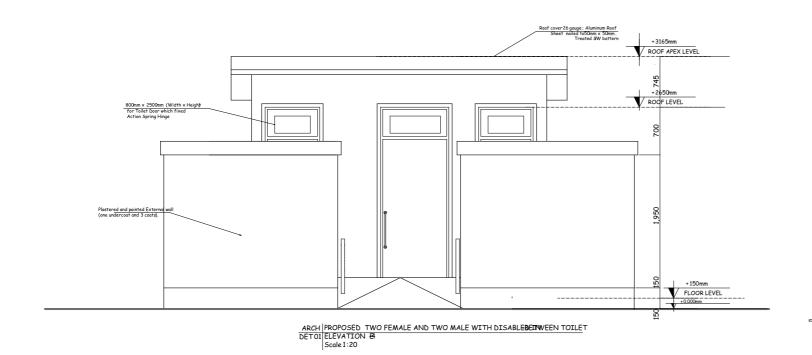
PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

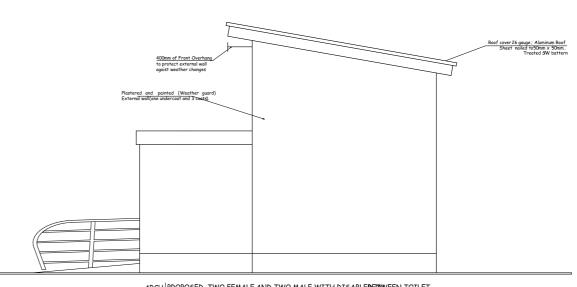
Project

PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA

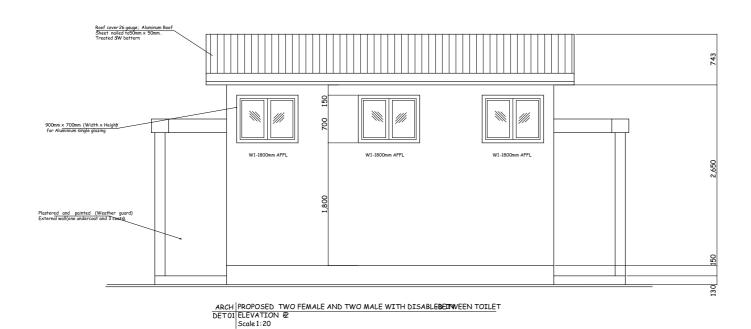
TOILET BLOCK SECTION (7-7)

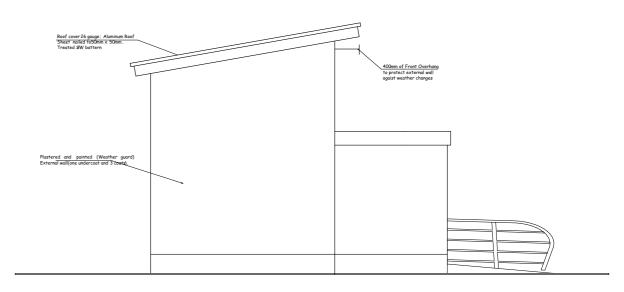
Project numbe	r		
Date NOV, 2022		MAO/E002	
Drawn by	TCM		
Checked by	IAS	Scale	1:75





ARCH PROPOSED TWO FEMALE AND TWO MALE WITH DISABLEBETTWEEN TOILET DETOI ELEVATION & Scale1:20





ARCH PROPOSED TWO FEMALE AND TWO MALE WITH DISABLEBEINWEEN TOILET DETOI ELEVATION B Scale 1:20

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PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

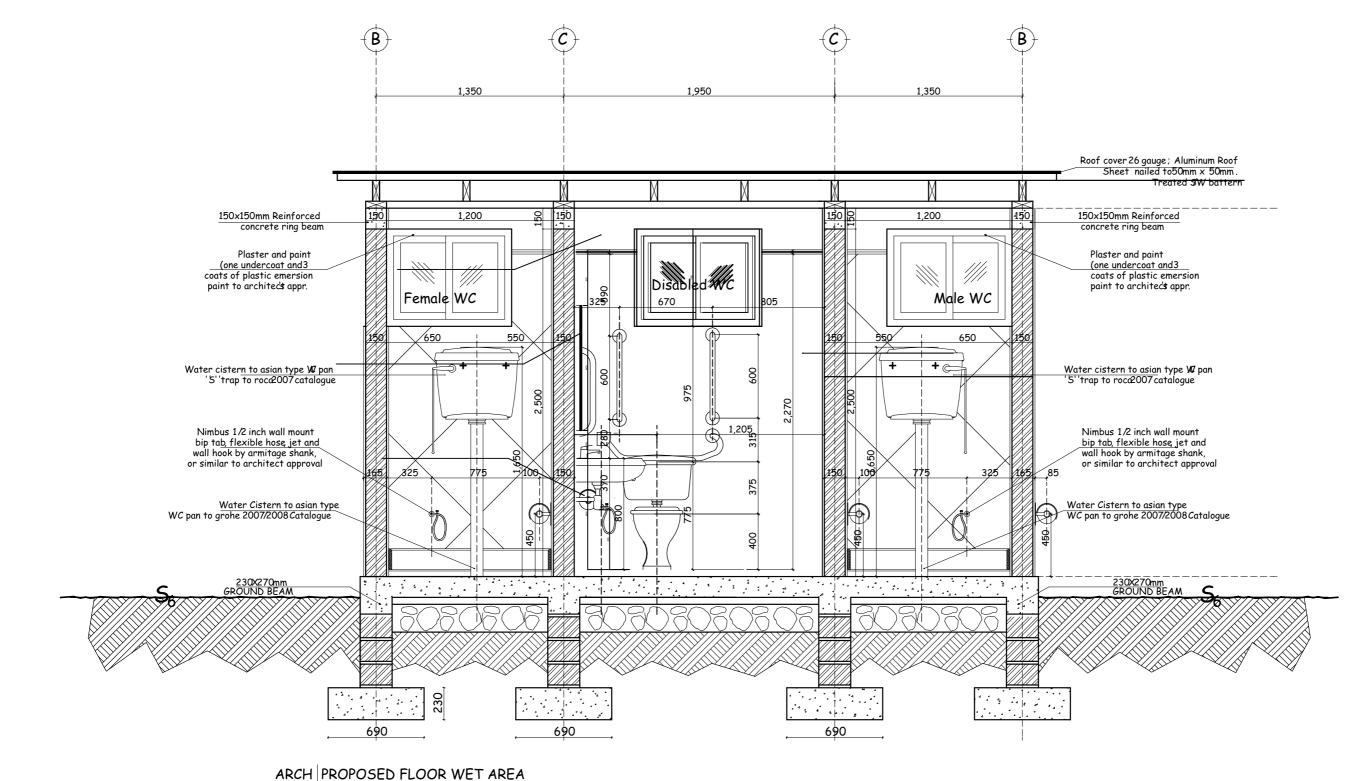
Project

PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA

Drawing	title
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TOILET BLOCK SECTION (7-7)

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Project numbe	r		
Date	NOV, 2022	MA	O/E003
Drawn by	TCM		
Checked by	IAS	Scale	1:75



ARCH PROPOSED FLOOR WET AREA
DET 01 SECTION DETAILS SE6-6
Scale 1:25

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PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

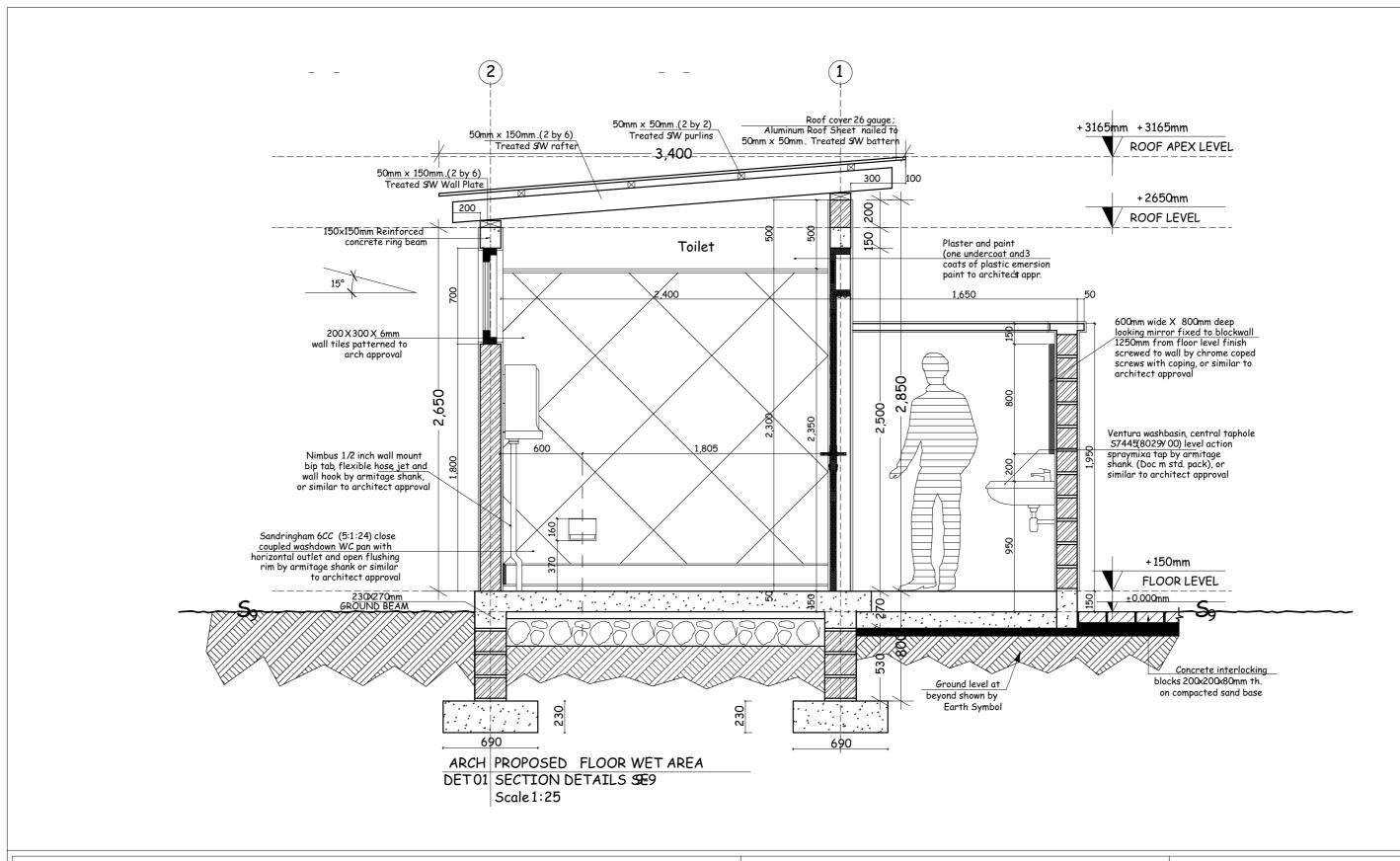
Project

PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA

rawing	title	
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TOILET BLOCK SECTION (7-7)

Project number	1		
Date	NOV, 2022	MA	AO/E004
Drawn by	TCM		
Checked by	IAS	Scale	1:75



Client

PRESIDENT'S OFFICE, REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

Project

PROPOSED MACHINGA OFFICE TO BE BUILT AT REGIONAL OFFICE IN TANZANIA

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awing	TIT	e

TOILET BLOCK SECTION (7-7)

Project numbe	r		
Date	NOV, 2022	MA	AO/E005
Drawn by	TCM		
Checked by	IAS	Scale	1:75

PRESIDENT'S OFFICE REGIONAL ADMNISTRATION 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)
Α	SUBSTRUCTURE;				
	Strip foundation Plain insitu Concrete " grade 15"				
	Sand (4.5m3)	M ³	3		
	Aggregate (3/4")	M ³	6		
	Cement-50kgs	Bag	27		
	Sub total	bag	2/		
	30D IOIGI				
В	FOUNDATION WALL				
_	Sand	M ³	1		
		PCS	294		
	6" Cement, Chipping & Sand Block				
	Cement-50kgs	Bag	5		
	Moram average depth 150mm	M ³	10		
	Sub total				
	Hardcore 150mm				
	Hardcore 150mm thick -4.5m3 per trip	Trip	2		
		Trip			
	Adrian solution - 1000mls	Bottle	1		
	Subtotal				
	Concrete grade "25" for Plinth Beam and column				
	Aggregate (3/4")	M ³	2		
	Sand	M ³	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		
			6		
	Binding Wire - 25kg Sub total	Kgs	0		
	30D Ioldi			-	
	Constant				
	Concrete				
	Grade 20 oversite concrete 100mm.	2			
	Sand	M ³	2		
	Aggregate (3/4")	M ³	4		
	Cement(42.5)	Bag	18		
	DPM	m ²	36		
	Sub total				
С	SUPERSTRUCTURE				
	Walling 150mm thick wall	2			
	Sand.	M ³	4		
	6" Cement, Chipping & Sand Block	PCS	729		
	Cement-50kgs	Bag	19		
	DPC size 1000x25000mm	Roll	0.5		
	Sub total				
	CONCRETE GRADE "25" (RINGBEAM &COLUMN)				
	Ring beam size 200mm width 150mm				
	Sand	M ³	0.5		
	Aggregate (3/4")	M ³	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		
		PCS	5		
	Himper 2'x 2'' x 12'		-		
	Timber 2"x 2" x 12' Nails 3"	Kas	4		
	Nails 3"	Kgs Kas	3		
		Kgs Kgs Box	3 4		

D	ROOF STRUCTURE & COVERING			
	Roof Structure - Provisional (5m long)			
	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	
	Sub total	ngs	•	
	COD CO CO			
	Covering			
	Corrugated Iron sheet 28 size 3000x 900mm	PC	21	
	Hips/Ridge and valley - 28 G (3m long)	PCS	9	
	1 - 1			
	Roofing Nails	Pcket	6	
	Sub total			
_	noon.			
F	DOOR			
	40mm thick hardwood paneled door shutter			
	900x2100mm high	No.	4	
	Sub total			
	Frames (hardwood), Varnish, Glass & Burglar bar			
	900x2500mm high	PCS	4	
	IRONMONGERIES			
	Brass hinges - 100mm	Pair	6	
	UNION 3 levers or equal and approved manufactureres	PCS	4	
	Sub total			
G	WINDOW			
	Supplly and fixi Aluminium Sliding windows with 4mm thick			
	clear glass divided into pannel including its accessories			
	Size 1500 x 1500mm high	No.	7	
	Grill		-	
	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	
	Sub total			
Н	Wall Finishing			
	plaster 1:4 internally and externally			
	Sand	M ³	5	
	Cement-50kgs	Bag	4	
	S .			
	White cement-50kg	Bag	2	
	Gypsum powder	Bag	10	
	Sub total			
	GELLING			
J	CELLING			
	Softwood za 2"x 2"(pressure impregnated) brandering @ 5m	PCS	36	
	long			
	Gypsum board -9mm thick	PCS	13	
	Gypsum cornice 2m	PCS	27	
	Fiber tape @ 90m	Roll	1	
	Gypsum powder	Bag	4	
	Gypsum screw	Packet	2	
	Sub total			
K	FLOOR			
r.	Bedding/Backing; cement and sand (1:2:2); to steel finishing			
	Sand	M^3	2	
	Cement-50kgs	Bag	12	
	Cernem-30kg3			
	Sub total	9		

	Porcelain floor tiles 400mm x 400mm x 8mm thick (1.92m2 per	Вох	19	
	Box) Skirting tiles @ box 25pcs	Вох	4	
	Skirting tiles @ box 25pcs Grout	Pcket	6	
		PCS	2	
	Aluminium Strip (8feet) Sub total	rus		
	SUD IOIGI			
L	PAINTING & DECORATION			
	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	
	Sub total			
М	ELEMENT NR.09- ELECTRICAL INSTALLATION			
	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	
	NB: 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 1.5sgmm - 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	
	16sgmm, 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	М	
	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	Вох	
	Sub total	·		
	MATERIAL COSTS			
	Note:			L

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.

SHEDULE OF MATERIALS

THREE STANCES TOILET BLOCK

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

Strip Sand Aggr Cem Sub t B FOUN Sand 6" Ce Cem Morc Sub t Plinth Aggr Sand Cem Timb Timb Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t Com Ring Sand Aggr Cem Sub t Con Reinf Reinf Reinf Sand 6" Ce Cem Sub t Con Ring Sand Aggr Cem Reinf Reinf Reinf Reinf Reinf Reinf Roinf Roinf Reinf Roinf	Cement, Chipping & Sand Block ement-50kgs oram average depth 150mm b total nth Beam grade "20" and concrete bed & Ramp grade15" agregate (3/4") and ement-50kgs	M ³ Bag M ³ PCS Bag M ³	2 4 16 0.6 182 3 3		AMOUNTS(TZS)
Sand Aggr Cem Sub t Sand 6" Ce Cem Morc Sub t Plinth Aggr Sand Cem Timb Timb Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t Com Ring Sand Aggr Cem Sub t Con Reinf Reinf Reinf Sand Cem Sub t Con Ring Sand Aggr Cem Sub t Con Ring Sand Aggr Cem Reinf Reinf Reinf Reinf Reinf Reinf Reinf Rod Rod Reinf Reinf Reinf Rod Rod Rod Rod Rod Rod	nd (4.5m3) Igregate (3/4") Igregate (3/4") Ind	M ³ Bag M ³ PCS Bag	0.6 182 3		
Aggr Cem Sub t Sand 6" Ce Cem Morc Sub t Plinth Aggr Sand Cem Timb Timb Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t Com Ring Sand Aggr Cem Reinf Bindi Timb Sand Sub t Con Ring Sand Aggr Cem Sub t Con Ring Sand Aggr Cem Reinf Reinf Reinf Reinf Reinf Rod Sub t Con Rod	gregate (3/4") ement-50kgs b total UNDATION WALL nd Cement, Chipping & Sand Block ement-50kgs bram average depth 150mm b total nth Beam grade "20" and concrete bed & Ramp grade15" agregate (3/4") nd ement-50kgs	M ³ Bag M ³ PCS Bag	0.6 182 3		
Aggr Cem Sub t Sand 6" Ce Cem Morc Sub t Plinth Aggr Sand Cem Timb Timb Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t Com Ring Sand Aggr Cem Reinf Bindi Timb Sand Sub t Con Ring Sand Aggr Cem Sub t Con Ring Sand Aggr Cem Reinf Reinf Reinf Reinf Reinf Rod Sub t Con Rod	gregate (3/4") ement-50kgs b total UNDATION WALL nd Cement, Chipping & Sand Block ement-50kgs bram average depth 150mm b total nth Beam grade "20" and concrete bed & Ramp grade15" agregate (3/4") nd ement-50kgs	M ³ Bag M ³ PCS Bag	0.6 182 3		
Sub t Sub t Sub t Plinth Aggr Sand Cem Timb Timb Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t Com Timb Nails Reinf Reinf Reinf Bindi Sub t Com Sub t Com Reinf Reinf Reinf Sand Cem Sub t Com Ring Sand Aggr Cem Reinf Reinf Reinf Reinf Reinf Reinf Reinf Roinf Reinf Reinf Roinf Reinf Roinf Reinf Roinf	b total UNDATION WALL Ind Cement, Chipping & Sand Block Ement-50kgs Foram average depth 150mm b total Inth Beam grade "20" and concrete bed & Ramp grade15" Igregate (3/4") Ind Ement-50kgs	M ³ PCS Bag	0.6 182 3		
Sub t Sand 6" Ce Cem Morc Sub t Plinth Aggr Sand Cem Timbo Timbo Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t Com Ring Sand Aggr Cem Reinf Bindi Timbo Sand Sub t Com Ring Sand Aggr Cem Sub t Com Reinf Reinf Reinf Reinf Reinf Reinf Reinf Rod Sub t Com Rod Reinf	UNDATION WALL Ind Cement, Chipping & Sand Block Ement-50kgs Foram average depth 150mm In total In the Beam grade "20" and concrete bed & Ramp grade15" Ingregate (3/4") Ind Ement-50kgs	M³ PCS Bag	0.6 182 3		
B FOUN Sand 6" Ce Cem Morc Sub t Plinth Aggr Sand Cem Timbo Timbo Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t Com Ring Sand Aggr Cem Reinf Bindi Timbo Nails Sand Cem Sub t Con Ron Reinf	UNDATION WALL Ind Cement, Chipping & Sand Block ement-50kgs oram average depth 150mm b total nth Beam grade "20" and concrete bed & Ramp grade15" largregate (3/4") Ind ement-50kgs	PCS Bag	182		
Sand 6" Ce Cem Morc Sub t Plinth Aggr Sand Cem Timbo Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t COM Ring Sand Aggr Cem Reinf Bindi Timbo Nails Sand Aggr Cem Reinf	nd Cement, Chipping & Sand Block ement-50kgs oram average depth 150mm b total nth Beam grade "20" and concrete bed & Ramp grade15" agregate (3/4") and ement-50kgs	PCS Bag	182		
6" Cem Morce Sub t Plinth Aggr Sand Cem Timbo Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t COM Ring Sand Aggr Cem Reinf Bindi Timbo Nails Sand Aggr Cem Reinf Reinf Reinf Reinf Round Ring Sand Aggr Cem Reinf Round Ring Sand Aggr Cem Round R	Cement, Chipping & Sand Block ement-50kgs oram average depth 150mm b total nth Beam grade "20" and concrete bed & Ramp grade15" agregate (3/4") and ement-50kgs	PCS Bag	182		
Cem Morc Sub t Plinth Aggr Sand Cem Timbo Nails Reinf Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Nails Sand Aggr Cem Reinf Reinf Reinf Roind Roind Sub t CON Ring Sand Aggr Cem Reinf Roind Rind Timbo Timbo Timbo Timbo Timbo Timbo Sub t Conc Roinf Reinf Reinf Reinf Reinf Roinf	ement-50kgs bram average depth 150mm b total nth Beam grade "20" and concrete bed & Ramp grade15" agregate (3/4") and ement-50kgs	Bag	3		
Cem Morc Sub t Plinth Aggr Sand Cem Timbo Nails Reinf Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Nails Sand Aggr Cem Reinf Reinf Reinf Roind Roind Sub t CON Ring Sand Aggr Cem Reinf Roind Rind Timbo Timbo Timbo Timbo Timbo Timbo Sub t Conc Roinf Reinf Reinf Reinf Reinf Roinf	ement-50kgs bram average depth 150mm b total nth Beam grade "20" and concrete bed & Ramp grade15" agregate (3/4") and ement-50kgs				
Morce Sub t Plinth Aggr Sand Cem Timbe Nails Reinf Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbe Timbe Sand Aggr Cem Reinf Reinf Bindi Timbe Timbe Timbe Timbe Timbe Sub t Reinf Reinf Reinf Reinf Reinf Reinf Reinf Reinf Reinf Roals Nails Nails Nails Nails Roand Sub t	oram average depth 150mm b total nth Beam grade "20" and concrete bed & Ramp grade15" agregate (3/4") nd ement-50kgs		2	1	
Sub t Plinth Aggr Sand Cem Timbo Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Nails Con Sub t Reinf	b total nth Beam grade "20" and concrete bed & Ramp grade 15" agregate (3/4") nd ement-50kgs		.)		
Plinth Aggr Sand Cem Timbo Nails Nails Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t COM Ring Sand Aggr Cem Reinf Bindi Timbo Sub t Rainf Reinf Bindi Timbo	hth Beam grade "20" and concrete bed & Ramp grade15" agregate (3/4") and ement-50kgs				
Sand Cem Timbo Nails Nails Reinf Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Timbo Timbo Timbo Timbo Timbo Timbo Sub t Conc Sub t	ement-50kgs				
Cem Timbo Nails Nails Reinf Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Timbo Timbo Timbo Sub t Nails Nails Nails Rone Sub t	ement-50kgs	M ³	5		
Cem Timbo Nails Nails Reinf Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Timbo Timbo Timbo Sub t Nails Nails Nails Rone Sub t	ement-50kgs	M ³	2		
Timbo Timbo Nails Nails Reinf Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Timbo Timbo Timbo Sub t Nails Nails Conc Sub t		Bag	30		
Timbo Nails Reinf Reinf Reinf Reinf Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Reinf Bindi Timbo Timbo Nails Conc Sub t	nber 1"x 8"	PCS	8		
Nails Reinf	nber 1 'X 6	PCS	5		
Nails Reinf Reinf Reinf Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Nails Nails Conc Sub t		Kgs	3		
Reinf Reinf Reinf Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Nails Nails Conc Sub t			2		
Reinf Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Nails Nails Conc Sub t		Kgs			
Bindi Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Bindi Timbo Nails Nails Conc Sub t	inforcement - 8mm diameter for ring beam	PCS	10		
Sub t C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Reinf Bindi Timbo Nails Nails Conc Sub t	inforcement - 12mm diameter high tensile	PCS	10		
C SUPE Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Rindi Timbo Timbo Timbo Nails Nails Conc Sub t	iding Wire - 25kg	Kgs	3		
Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Reinf Bindi Timbo Timbo Nails Nails Conc Sub t	b total				
Walli Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Reinf Bindi Timbo Timbo Nails Nails Conc Sub t	PERSTRUCTURE				
Sand 6" Ce Cem Sub t CON Ring Sand Aggr Cem Reinf Reinf Bindi Timbo Timbo Nails Nails Conc Sub t		+			
6" Cem Sub t CON Ring Sand Aggr Cem Reinf Reinf Bindi Timbo Nails Nails Conc Sub t D ROO Roof	alling 150mm thick	3			
Cem Sub t CON Ring Sand Aggr Cem Reinf Reinf Bindi Timbo Timbo Nails Nails Conc Sub t D ROO Roof		M ³	3		
Sub t CON Ring Sand Aggr Cem Reinf Reinf Bindi Timbo Nails Conc Sub t D ROO Roof	Cement, Chipping & Sand Block	PCS	576		
CON Ring Sand Aggr Cem Reinf Reinf Bindi Timb Nails Nails Cond Sub t D ROO Roof	ement-50kgs	Bag	14		
Ring Sand Aggr Cem Reinf Reinf Bindi Timb Nails Nails Conc Sub t D ROO Roof	b total				
Sand Aggr Cem Reinf Reinf Bindi Timb Nails Nails Conc Sub t	ONCRETE GRADE "20" (RINGBEAM)				
Aggr Cem Reinf Reinf Bindi Timb Nails Nails Cond Sub t	ng beam				
Cem Reinf Reinf Reinf Bindi Timbo Nails Nails Conc Sub f D ROO Roof	nd	M^3	0.5		
Cem Reinf Reinf Reinf Bindi Timbo Nails Nails Conc Sub f D ROO Roof	igregate (3/4")	M^3	1		
Reinf Reinf Reinf Bindi Timbo Timbo Nails Nails Conc Sub t D ROO Roof	ement-50kgs	Bag	8		
Reinf Bindi Timbo Timbo Nails Nails Conc Sub t D ROO Roof	inforcement - 12mm diameter high tensile column	PCS	9		
Bindi Timbo Timbo Nails Nails Conc Sub t	inforcement - 8mm diameter for ring beam	PCS	6		
Timbo Timbo Nails Nails Conc Sub t	iding Wire - 25kg	Kgs	3		
Timbo Nails Nails Cond Sub t	nber 1'x 8" x 12'	PCS	6		
Nails Nails Cond Sub t D ROO Roof	nber 2"x 2" x 12"	PCS	5		
Nails Cond Sub t		Kgs	3		
Cond Sub t		Kgs	2		
Sub t D ROO Roof	oncrete Nails	Box	2		
Roof	b total	DOX			
Roof					
	OF STRUCTURE & COVERING				
ilimh	of Structure - Provisional (5m long)	DO0	-	1	
	nber 2" X 4" rafter	PCS	4		
	nber 2" X 4" , wall plate	PCS	3		
	nber 2" X '3' , Purlin	PCS	4		
	nber 1" x 8" Fascia board	PCS	3		
		Kgs	2		
Nails Sub t	ils 3"	Kgs	1		
300 1	ils 4"				
	nils 4" b total overing	PC	6		
Roofi	uils 4" b total evering orrugated Iron sheet 28 size 3000x 900mm	Pcket	2		1

SHEDULE OF MATERIALS THREE STANCES TOILET BLOCK

Е	DOOR			
	40mm thick hardwood paneled door shutter			
	900x2100mm high	No.	2	
	1000x2100mm high	No.	1	
	Sub total	.,01	•	
	Frames (hardwood), Varnish, Glass & Burglar bar			
	900x2500mm high	PCS	2	
	1000x2500mm high	No.	1	
	IRONMONGERIES	110.	'	
		Dair	1 E	
	Brass hinges - 100mm	Pair PCS	4.5	
	Mortice lockset with barrel bolt	PCS	3	
	Sub total			
F	WINDOW			
	Supplly and fix Aluminium Sliding windows with 4mm thick clear glass divided into pannel including its accessories Size 900 x 700mm	No.	3	
	Sub total			
G	Wall Finishing			
	Plaster 1:4 internally and externally			
	Sand	M ³	3	
	Cement-50kgs	Bag	24	
	9	Ū		
	White cement-50kg	Bag	1	
	Gypsum powder	Bag	3	
	Sub total			
Н	FLOOR			
	Bedding/Backing; cement sand (1:2);			
	Sand	M^3	1	
	Cement-50kgs	Bag	6	
	Sub total			
	Floor finish			
	Porcelain floor tiles 400mm x 400mm x 8mm thick (1.92m2 per			
	Box)	Box	10	
	C-Tiles size 400x400x8mm thick	Вох	3	
	Ceramic wall tiles 250mm x 400mm(1.5)	Box	21	
	Grout	Pcket	4	
	Sub total	I CKGI	4	
	300 10101			
J	PAINTING & DECORATION			
J	Emulsion Paint20 LTRS	la contra do	1	
		buckets	•	
	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	
	Sub total			
K	PLUMBING & SANITARY INSTALLATION-PROVISIONAL			
	White vitreous china Asian type WC with Flush tank	2	No	
	completely with all its accessories		No	
	White vitreous china wash hand basin (HWB), size 750x440x200mm complete with self closing; semi pedestal and chain stay hole; 11½in 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 manuctured by SIMTANK or any other approved manufacturers and its	1	Sum	
	water tank tower			

SHEDULE OF MATERIALS THREE STANCES TOILET BLOCK

L	SEPTIC TANK, AND MANHOLES			
1	SEPTIC TANK (3.2m x 2.4m x 3m deep)			
	6" Block - Cement , Chipping & Sand	676	PC'S	
	Sand - (Lorry 4.5M3)	2	m3	
	Cement-50kgs (42.5)	12	Bags	
	Aggregates (1/2") - (Lorry 4.5M3)	1	m3	
	Reinforcement - 10mm diameter high tensile	12	PC'S	
	Binding Wire -1kg	5	Kgs	
	Marine board - Size 4ft x 8ft x 18mm thick	4	PC'S	
	Timber 2" X 2" (3m long)	7	PC'S	
	Nails-4"	11	Kgs	
	Nails-3"	10	Kgs PC'S	
	Supporting Props	10		
	450 X450mm Cast iron cover	2	PC'S	
	100mm diameter PVC vent pipe complete -CLASS B"	1	PC'S	
	Galvanized steel wire ballon set on top of vent pipe and covered			
	with mosquito gauze, 100mm diameter	'	Nr.	
2	MANHOLES (4No) - 600 x 600			
	6" Block - Cement , Chipping & Sand	106	PC'S	
	Sand - (Lorry 4.5M3)	0.4	m3	
	Cement-50kgs	4	Bags	
	500 X500mm Cast iron cover	4	PC'S	
	SUB-TOTAL FOR SEPTIC AND MANHOLES			
	MATERIALS COSTS			

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.