

ROOF PLAN
scale 1:100

DOOR SCHEDULE

TYPE: WINDOOR AREA: 1.81 m ² QUANTITY: 4 IN TOTAL	TYPE: DOUBLE DOOR AREA: 3.62 m ² QUANTITY: 1 IN TOTAL	TYPE: WINDOOR AREA: 1.81 m ² QUANTITY: 3 IN TOTAL	TYPE: WINDOOR AREA: 1.81 m ² QUANTITY: 1 IN TOTAL	TYPE: WINDOOR AREA: 3.62 m ² QUANTITY: 2 IN TOTAL
NUMBER: D1	NUMBER: D2	NUMBER: D3	NUMBER: D4	NUMBER: D5
FRAME: ALUMINUM	FRAME: ALUMINUM	FRAME: NATURAL SOLID WOOD	FRAME: HOLLOW CORE DOOR	FRAME: NATURAL SOLID WOOD
DOOR: ALUMINUM FRAMED DOOR WITH GLAZING	DOOR: ALUMINUM DOUBLE DOOR WITH GLAZING	DOOR: BRASS BUTTON AND LEDGED MERCHANT DOOR	DOOR: METAL/ALUMINUM	DOOR: BRASS BUTTON AND LEDGED MERCHANT DOOR
FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE
BURGLAR BARS: NONE	BURGLAR BARS: NONE	BURGLAR BARS: NONE	BURGLAR BARS: NONE	BURGLAR BARS: NONE
FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: FINISH AS PER MANUFACTURER'S SPEC.	FINISH: FINISH AS PER MANUFACTURER'S SPEC.	FINISH: FINISH AS PER MANUFACTURER'S SPEC.	FINISH: FINISH AS PER MANUFACTURER'S SPEC.
NOTES: NA	NOTES: NA	NOTES: NA	NOTES: NA	NOTES: NA
SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.

WINDOW SCHEDULE

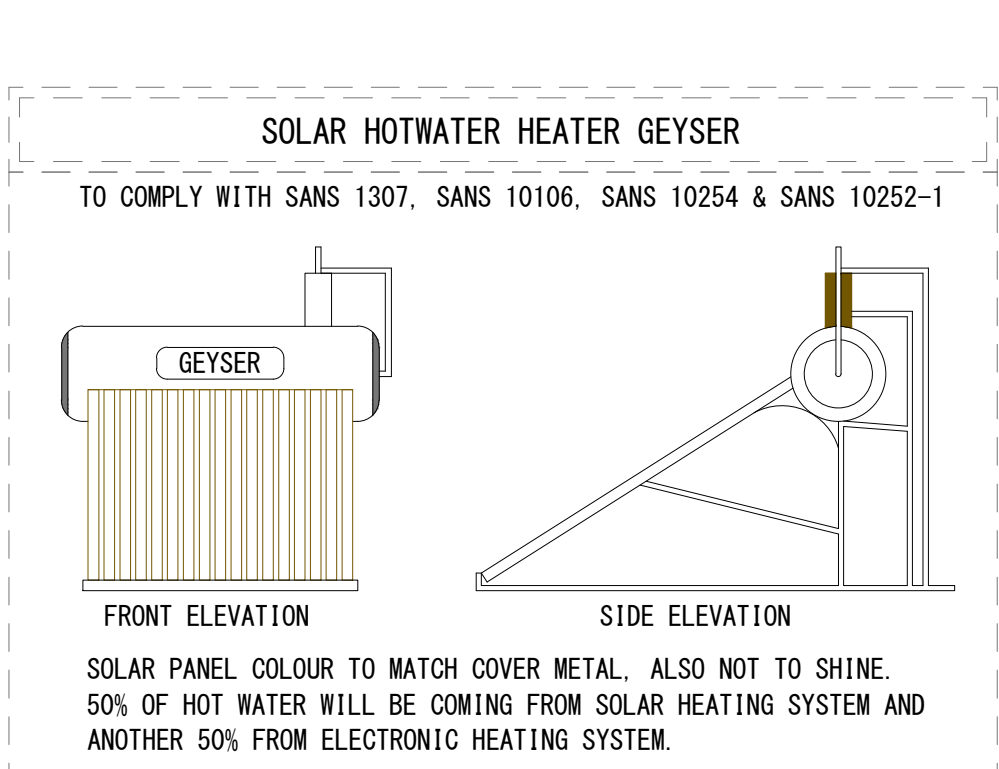
TYPE: PURPOSE MADE AREA: 1.81 m ² QUANTITY: 3 IN TOTAL	TYPE: PURPOSE MADE AREA: 0.73 m ² QUANTITY: 12 IN TOTAL	TYPE: PURPOSE MADE AREA: 1.81 m ² QUANTITY: 1 IN TOTAL	TYPE: PURPOSE MADE AREA: 0.73 m ² QUANTITY: 12 IN TOTAL	TYPE: PURPOSE MADE AREA: 2.72 m ² QUANTITY: 1 IN TOTAL	TYPE: PURPOSE MADE AREA: 5.44 m ² QUANTITY: 1 IN TOTAL
CODE: W1	CODE: W2	CODE: W3	CODE: W4	CODE: W5	CODE: W6
FRAME: STANDARD ALUMINUM	FRAME: STANDARD ALUMINUM	FRAME: STANDARD ALUMINUM	FRAME: STANDARD ALUMINUM	FRAME: STANDARD ALUMINUM	FRAME: STANDARD ALUMINUM
GLASS: 4MM CLEAR FLOAT GLASS WITH STEEL BRASS PUTTY	GLASS: 4MM CLEAR FLOAT GLASS	GLASS: 4MM CLEAR FLOAT GLASS	GLASS: 4MM CLEAR FLOAT GLASS	GLASS: 4MM CLEAR FLOAT GLASS	GLASS: 4MM CLEAR FLOAT GLASS
FITTINGS: STANDARD BRASS FITTINGS	FITTINGS: STANDARD BRASS FITTINGS	FITTINGS: STANDARD BRASS FITTINGS	FITTINGS: STANDARD BRASS FITTINGS	FITTINGS: STANDARD BRASS FITTINGS	FITTINGS: STANDARD BRASS FITTINGS
BURGLAR BARS: FACTORY FITTED	BURGLAR BARS: FACTORY FITTED	BURGLAR BARS: FACTORY FITTED	BURGLAR BARS: FACTORY FITTED	BURGLAR BARS: FACTORY FITTED	BURGLAR BARS: FACTORY FITTED
FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.
NOTES: NA	NOTES: NA	NOTES: NA	NOTES: NA	NOTES: NA	NOTES: NA
SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.

SHOPFRONT SCHEDULE

TYPE: 8 PANEL GLASS SHOPFRONT AREA: 12.15 m ² QUANTITY: 1 IN TOTAL	TYPE: 2 PANEL GLASS SHOPFRONT AREA: 3.18 m ² QUANTITY: 1 IN TOTAL	TYPE: 8 PANEL GLASS SHOPFRONT AREA: 18.66 m ² QUANTITY: 1 IN TOTAL	TYPE: 8 PANEL GLASS SHOPFRONT AREA: 23.56 m ² QUANTITY: 1 IN TOTAL
NUMBER: W7	NUMBER: W8	NUMBER: W9	NUMBER: W10
FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS
DOOR: BRASS BUTTON AND LEDGED 8MM SAFETY GLASS DOOR	DOOR: BRASS BUTTON AND LEDGED 8MM SAFETY GLASS DOOR	DOOR: BRASS BUTTON AND LEDGED 8MM SAFETY GLASS DOOR	DOOR: BRASS BUTTON AND LEDGED 8MM SAFETY GLASS DOOR
FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE
BURGLAR BARS: NONE	BURGLAR BARS: NONE	BURGLAR BARS: NONE	BURGLAR BARS: NONE
FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.
NOTES: NA	NOTES: NA	NOTES: NA	NOTES: NA
SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.

TYPE: GLASS PARTITION AREA: 4.18 m ² QUANTITY: 1 IN TOTAL	TYPE: GLASS PARTITION AREA: 6.01 m ² QUANTITY: 1 IN TOTAL	TYPE: GLASS PARTITION AREA: 4.18 m ² QUANTITY: 1 IN TOTAL	TYPE: GLASS PARTITION AREA: 4.49 m ² QUANTITY: 1 IN TOTAL	TYPE: GLASS PARTITION AREA: 4.18 m ² QUANTITY: 1 IN TOTAL	TYPE: GLASS PARTITION AREA: 1.50 m ² QUANTITY: 1 IN TOTAL
NUMBER: W11	NUMBER: W12	NUMBER: W13	NUMBER: W14	NUMBER: W15	NUMBER: W16
FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS
DOOR: ALUMINUM FRAMED DOOR WITH GLAZING	DOOR: ALUMINUM FRAMED DOOR WITH GLAZING	DOOR: ALUMINUM FRAMED DOOR WITH GLAZING	DOOR: ALUMINUM FRAMED DOOR WITH GLAZING	DOOR: ALUMINUM FRAMED DOOR WITH GLAZING	DOOR: ALUMINUM FRAMED DOOR WITH GLAZING
FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE
BURGLAR BARS: BUNGLED FRAME	BURGLAR BARS: BUNGLED FRAME	BURGLAR BARS: BUNGLED FRAME	BURGLAR BARS: BUNGLED FRAME	BURGLAR BARS: BUNGLED FRAME	BURGLAR BARS: BUNGLED FRAME
FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.
NOTES: NA	NOTES: NA	NOTES: NA	NOTES: NA	NOTES: NA	NOTES: NA
SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.

TYPE: 4 PANEL GLASS SHOPFRONT AREA: 6.41 m ² QUANTITY: 1 IN TOTAL	TYPE: 8 PANEL GLASS SHOPFRONT AREA: 5.76 m ² QUANTITY: 1 IN TOTAL	TYPE: 8 PANEL GLASS SHOPFRONT AREA: 5.56 m ² QUANTITY: 1 IN TOTAL	TYPE: 8 PANEL GLASS SHOPFRONT AREA: 12.15 m ² QUANTITY: 1 IN TOTAL
NUMBER: W17	NUMBER: W18	NUMBER: W19	NUMBER: W20
FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS	FRAME: ALUMINUM MULLIONS
DOOR: BRASS BUTTON AND LEDGED 8MM SAFETY GLASS DOOR	DOOR: BRASS BUTTON AND LEDGED 8MM SAFETY GLASS DOOR	DOOR: BRASS BUTTON AND LEDGED 8MM SAFETY GLASS DOOR	DOOR: BRASS BUTTON AND LEDGED 8MM SAFETY GLASS DOOR
FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE	FAN LIGHT: NONE
BURGLAR BARS: NONE	BURGLAR BARS: NONE	BURGLAR BARS: NONE	BURGLAR BARS: NONE
FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.	FINISH: POWDER COATED TO MANUFACTURER'S SPEC.
NOTES: NA	NOTES: NA	NOTES: NA	NOTES: NA
SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.	SCALE: N.T.S.



- GENERAL NOTES:
- ALL WORK TO COMPLY WITH NBR AND LOCAL BY-LAWS.
 - REFER TO GIVEN DIMENSIONS ONLY.
 - CONSULT THE AUTHOR IN CASE OF ANY UNCERTAINTIES.
 - THE CONTRACTOR IS RESPONSIBLE FOR CORRECT SETTING OUT OF THE BUILDING.
 - IF THERE ARE AMENDMENTS AFTER THIS PLAN IS APPROVED, THE OWNER OR CONTRACTOR (WHOEVER MADE THE DECISION) WILL BE LIABLE FOR ARCHITECTURAL AND MUNICIPAL FEES IN ORDER FOR US TO HELP WITH AMENDED PLAN.
 - COPYRIGHT IS RESERVED TO WANHLA ARCHITECTS.
- ROOF: CONCRETE TILES
- 23-26° ROOF PITCH WITH ROOF TILES, WITH SABS APPROVED UNDERLAY.
 - 38 x 38mm BATTENS ON PVC UNDERLAY.
 - TRUSSES TOFORM S.A. PINE AT 760mm CENTRES FASTENED SECURELY WITH 2 WIRES OF 4mm (EMBEDDED AT LEAST 300mm INTO BRICKWORK WITH CONNECTING DEVICES ACCORDING TO SCHEDULE 1 OF SABS 0400, TABLE L2
 - ALL WEB MEMBERS TO BE MINIMUM 38 x 114mm GRADE 5 WITH EQUAL THAN 1500mm. APPROVED BRACINGS, MUST PREVENT BUCKLING AND KEEP TRUSSES UPRIGHT.
 - VALLEY AND HIP RAFTERS TO BE GRADE 7, 50 x 228mm S.A. PINE.
 - LAMINATED TIMBER TO COMPLY WITH SABS 876.
 - 50mm GLASS FIBRE INSULATION TO BE INSTALLED ON CEILING.

- FLOORS AND WATERPROOFING
- SURFACE BED TO BE MINIMUM 85mm THICK 20MPa CONCRETE PERFECTLY LEVEL AND AT MINIMUM 150mm ABOVE GROUND ON PROPERLY COMPACTED HARDWARE FILL.
 - 25mm THICK SCREED AND FINISHES AS INDICATED.
 - SUSPENDED CONC. FLOOR SLABS TO ENGINEER'S DETAILS AND SPECIFICATIONS.
 - DPC UNDER ALL WALLS (EXCEPT FREE STANDING), FLOORS AND WINDOW SILLS AND TO ALL VERTICAL CHANGES IN FLOOR LEVELS.
 - FLASHING TO ALL PARAPETS AND CHANGES IN ROOF LEVELS.
 - ATRIUMS AND COURTYARDS TO BE FITTED WITH AT LEAST 1 x 50mm² OUTLET PIPES FROM GATHPIT FITTED WITH GRATING AND SILT TRAPS.
 - PLANTERS TO BE WATERPROOFED AND DRAINAGE INSTALLED.

- FOUNDATIONS, BRICKWORK AND PARTITIONS
- ALL FOUNDATIONS TO BE 25MPa CONCRETE AT LEAST 230 x 700mm MINIMUM 200mm UNDERGROUND TO ENGINEER'S DETAILS AND SPECIFICATIONS.
 - BOUNDARY WALLS' FOUNDATION MUST NOT ENROACH ON BOUNDARY LINE AND WALLS ARE TO BE PLASTERED AND PAINTED ON THE INNER WALL.
 - PARAPET WALLS TO BE AT LEAST 300mm HIGH AND MINIMUM 500mm WITH BRICKFORCE IN EVERY COURSE.
 - ALL SCREEN WALLS TO BE AT LEAST 1800mm HIGH ABOVE GROUND LEVEL.
 - LINTOLS TO BE SUPPORTED MINIMUM 150mm FOR OPENINGS UP TO 4800mm. BRICKFORCE TO BE BUILT IN EVERY COURSE BELOW FLOOR LEVEL AND ABOVE WINDOW LEVEL, EVERY THIRD COURSE BETWEEN IN-CONTINUOUS BANDS.

- STAIRS AND BALUSTRADES
- STAIRS TO BE 750mm MINIMUM WIDTH, TREADS 300mm, RISERS 170mm WITH 6mm MAX. DEVIATION.
 - 1000mm HIGH BALUSTRADES TO ALL STAIRS AND BALCONIES.
 - MAXIMUM 3000mm VERTICAL RISE PER FLIGHT, WINDERS WHERE SHOWN, TO BE AT LEAST 250mm WIDE, 450mm FROM THE NARROW END AND ANGLE BETWEEN THE RISERS TO BE CONSTANT.
 - MINIMUM HEADROOM TO BE 2100mm MEASURED FROM PITCHLINE.
 - GLASS BALUSTRADES (IF SHOWN) TO BE SAFETY GLASS.

- GLAZING (AS PER NBR PART 'N')
- ALL PANE SIZES AND THICKNESS AS DESCRIBED ON WINDOW SCHEDULE.
 - BATHROOM WINDOWS TO BE FROSTED GLASS.
 - ALL GLAZING ON DOORS TO BE SAFETY GLASS.
 - GLAZED AREA LESS THAN 300mm ABOVE FFL TO BE COV. WITH SAFETY GLASS.
 - ALL GLAZED AREA TO COMPLY WITH SANS 204.

- DRAINAGE
- 110mm² UPVC SOIL PIPES TO FALL 1:50
 - RESEAL TRAPS TO ALL WASTE FITTINGS AND GULLEYS.
 - 50mm² WASTE PIPES.
 - DRAINAGE TO HAVE A MINIMUM INVERT LEVEL OF 450mm BELOW THE NATURAL GROUND LEVEL.
 - REINFORCED FOUNDATIONS OVER SOIL PIPES, WHERE PIPES ARE LAID UNDERNEATH BUILDING.
 - ALL DRAINAGE TO COMPLY WITH SECTION 'P' OF NBR.

- EIRE NOTE
- BUILDING TO COMPLY WITH SANS 10400 'T' : 2011' 4.9.2
 - NO COMBUSTIBLE ROOF COMPONENTS SHALL PENETRATE THE SEPARATING ELEMENT DIVIDING THE SPACE BETWEEN THE GARAGE AND THE HABITABLE ROOMS.

ISSUE FOR TENDER
REVISION No. DATE: DESCRIPTION:

SIZE ON ORIGINAL DRAWING 100 mm

CONSTRUCTION OF MAKUWA LIBRARY

PROJECT NAME:
CONSTRUCTION OF MAKUWA LIBRARY

CLIENT:
FETAKGOMO-GREATER TUBATSE LOCAL MUNICIPALITY
PO BOX 206
BURGERSFORD 1150



DISCIPLINE:
ARCHITECTURAL

WORK DESCRIPTION:
PROPOSED NEW LIBRARY

DRAWING DESCRIPTION:
ROOF PLAN, DOOR AND WINDOW SCHEDULE, SHOPFRONT SCHEDULE

FILE No.	DESIGN	SS MOGALE	K. BODIBA	DRAWN
SCALE	AS SHOWN	SS MOGALE	CHECKED	
DATE	NAME	SIGNATURE	PR NUMBER	
22-11-2021	SS MOGALE		T0206	

Wanhl Architects
384 Justice Mohammed Street
Sunnyside 0002
Tel: 012 751 9253 | Cell: 073 213 8912
Email: simonmg@yahoo.co.za | Website: wanhlarch.co.za

CONTRACTOR:

CADD SYSTEM	AUTOCAD	FILE NAME
SIZE	DRAWING NUMBER	REV
A1	WAN-004	1