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TYPE AREA QUANTITY	TYPE AREA QUANTITY	TYPE AREA QUANTITY	TYPE AREA QUANTITY	TYPE AREA QUANTITY	TYPE AREA QUANTITY	TYPE AREA QUANTITY	TYPE AREA QUANTITY
6 PANEL GLASS SHOPFRONT COMPUTER ROOM (9.6 SQM) 1 IN TOTAL	2 PANEL GLASS SHOPFRONT LIBRARIAN OFFICE (2.5 SQM) 1 IN TOTAL	9 PANEL GLASS SHOPFRONT COMPUTER ROOM AND STUDY HALL (15 SQM) 1 IN TOTAL	9 PANEL GLASS SHOPFRONT MAIN ENTRANCE (35 SQM) 1 IN TOTAL	4 PANEL GLASS SHOPFRONT LIBRARIAN OFFICE (6.5 SQM) 1 IN TOTAL	9 PANEL GLASS SHOPFRONT STUDY HALL (14.2 SQM) 1 IN TOTAL	9 PANEL GLASS SHOPFRONT STUDY HALL (14.2 SQM) 1 IN TOTAL	9 PANEL GLASS SHOPFRONT STUDY HALL (14.2 SQM) 1 IN TOTAL
NUMBER FRAME DOOR FAN LIGHT BURGLAR BARS FINISH NOTES SCALE N.T.S.	NUMBER FRAME DOOR FAN LIGHT BURGLAR BARS FINISH NOTES SCALE N.T.S.	NUMBER FRAME DOOR FAN LIGHT BURGLAR BARS FINISH NOTES SCALE N.T.S.	NUMBER FRAME DOOR FAN LIGHT BURGLAR BARS FINISH NOTES SCALE N.T.S.	NUMBER FRAME DOOR FAN LIGHT BURGLAR BARS FINISH NOTES SCALE N.T.S.	NUMBER FRAME DOOR FAN LIGHT BURGLAR BARS FINISH NOTES SCALE N.T.S.	NUMBER FRAME DOOR FAN LIGHT BURGLAR BARS FINISH NOTES SCALE N.T.S.	NUMBER FRAME DOOR FAN LIGHT BURGLAR BARS FINISH NOTES SCALE N.T.S.
W7 ALUMINUM MULLIONS BRIDGED BUTTON AND LEDGED 8mm SAFETY GLASS DOOR NONE NONE POWDER COATED TO MANUFACTURERS SPEC. DOOR SCHEDULE	W8 ALUMINUM MULLIONS BRIDGED BUTTON AND LEDGED 8mm SAFETY GLASS DOOR FAN LIGHT NONE NONE POWDER COATED TO MANUFACTURERS SPEC. DOOR SCHEDULE	W9 ALUMINUM MULLIONS BRIDGED BUTTON AND LEDGED 8mm SAFETY GLASS DOOR FAN LIGHT NONE NONE POWDER COATED TO MANUFACTURERS SPEC. DOOR SCHEDULE	W10 ALUMINUM MULLIONS BRIDGED BUTTON AND LEDGED 8mm SAFETY GLASS DOOR FAN LIGHT NONE NONE POWDER COATED TO MANUFACTURERS SPEC. DOOR SCHEDULE	W11 ALUMINUM MULLIONS BRIDGED BUTTON AND LEDGED 8mm SAFETY GLASS DOOR FAN LIGHT NONE NONE POWDER COATED TO MANUFACTURERS SPEC. DOOR SCHEDULE	W12 ALUMINUM MULLIONS BRIDGED BUTTON AND LEDGED 8mm SAFETY GLASS DOOR FAN LIGHT NONE NONE POWDER COATED TO MANUFACTURERS SPEC. DOOR SCHEDULE	W13 ALUMINUM MULLIONS BRIDGED BUTTON AND LEDGED 8mm SAFETY GLASS DOOR FAN LIGHT NONE NONE POWDER COATED TO MANUFACTURERS SPEC. DOOR SCHEDULE	W14 ALUMINUM MULLIONS BRIDGED BUTTON AND LEDGED 8mm SAFETY GLASS DOOR FAN LIGHT NONE NONE POWDER COATED TO MANUFACTURERS SPEC. DOOR SCHEDULE

GENERAL NOTES:

- ALL WORK TO COMPLY WITH NBR AND LOCAL BY-LAWS.
- REFER TO GIVEN DIMENSIONS ONLY.
- THE CONTRACTOR IN CASE OF ANY UNCERTAINTY
- THE CONTRACTOR IS RESPONSIBLE FOR CORRECT SETTING
- OUT OF THE BUILDING.
- IF THERE ARE AMENDMENTS AFTER THIS PLAN IS
- ALL THE OWNER OR CONTRACTOR (WHOEVER MADE THE DEC
- WILL BE LIABLE FOR ARCHITECTURAL AND MUNICIPAL
- IN ORDER FOR US TO HELP WITH AMENDED PLAN.
- COPYRIGHT IS RESERVED TO MANITRA ARCHITECTS

ROOF: CONCRETE TILES

- 20" x 26" ROOF RITCH WITH SABS 876
- 1" x 3/8" AND 1" x 1/2" INSULATION ON PVS UNDERLAY
- TRUSSES TORM 5 x 8, PINE AT 760mm CENTRES FAST
- 2 WIRES OF 4mm (EMBEDDED AT LEAST 300mm INTO
- CONNECTING DEVICES ACCORDING TO SCHEDULE 1 OF
- ALL WE MEMBERS TO BE MINIMUM 38 x 14mm GRAD
- 1500mm. APPROVED BRACINGS, MUST BE GRADE 70
- UPRIGHT
- 100 x 50 AND HIP RAFTERS TO BE GRADE 70, 50 x 22
- LAMINATED TIMBER TO COMPLY WITH SABS 876
- 50mm GLASS FIBRE INSULATION TO BE INSTALLED

## FLOORS AND WATERPROOFING

- SURFACE BED TO BE MINIMUM 85mm THICK 20MPa CONCRETE PERFECTLY LEVEL
- AND AT MINIMUM 150mm ABOVE GRADE ON PROPERLY COMPACTED HARDCore 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 50mm<sup>2</sup> OUTLET
- PIPES FROM CATCHPIT 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 BRICKWORK 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.
- BRICKWORK 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

- 110mm<sup>ø</sup> uPVC SOIL PIPES TO FALL 1:50
- RESEAL TRAPS TO ALL WASTE FITTINGS AND GULLEYS.
- 50mm<sup>ø</sup> 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.

FIRE NOT

- 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:	
<b>REVISIONS</b>			
SIZE ON ORIGINAL DRAWING 100 mm			

# CONSTRUCTION OF MAKUWA LIBRARY

PROJECT NAME:  
CONSTRUCTION OF MAKUWA LIBRARY



**FETAKGOMO TUBATSE  
LOCAL MUNICIPALITY**

PO BOX 206  
BURGERSFORT  
1150

## DISCIPLIN

ARCHITECTURAL

### WORK DESCRIPTION

PROPOSED NEW LIBRARY

### DRAWING DESCRIPTION

DOOR AND WINDOW SCHEDULE,

FILE No.			
DESIGN	SS MOGALE	K. BODIBA	DRAWN
SCALE	AS SHOWN	SS MOGALE	CHECKED

RESPONSIBLE PROFESSIONAL			
DATE	NAME	SIGNATURE	PR NUMBER
22-11-2021	SS MOGALE		T0206



# Wanthla Architects

384 Justice Mahommed Street  
Sunnyside, 0002

Tel: 012 751 9293 | Cell: 073 213 8912

Email: [simonmgl@yahoo.com](mailto:simonmgl@yahoo.com) | Website: [wanthlaarch.co.za](http://wanthlaarch.co.za)

**CONTRACTOR**

CADD SYSTEM	AUTOCAD		FILE NAME
SIZE	DRAWING NUMBER		REV
<b>A1</b>	<b>WAN-004</b>		<b>1</b>