



CEILING PLAN
scale 1:100

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 (WHOMEVER 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 ARCHITECTScc.

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 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 50mmØ 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 ENCRACH 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
 - 110mmØ uPVC SOIL PIPES TO FALL 1:50
 - RESEAL TRAPS TO ALL WASTE FITTINGS AND GULLEYS.
 - 50mmØ 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 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:	

REVISIONS
 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
 BURGERSFORT 1150



FETAKGOMO - GREATER TUBATSE LOCAL MUNICIPALITY

DISCIPLINE
 ARCHITECTURAL

WORK DESCRIPTION
 PROPOSED NEW LIBRARY

DRAWING DESCRIPTION
 CEILING PLAN

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

<i>RESPONSIBLE PROFESSIONAL</i>			
DATE	NAME	SIGNATURE	PR NUMBER
22-11-2021	SS MOGALE		T0206

Wanhl Architects
 384 Justice Mahomed Street
 Sunnyside 0002
 Tel: 012 751 9293 | Cell: 073 213 8912
 Email: simonngl@yahoo.com | Website: wanhlarch.co.za

<i>CONTRACTOR :</i>		
CADD SYSTEM	AUTOCAD	FILE NAME
SIZE	DRAWING NUMBER	REV
A1	WAN-005	1