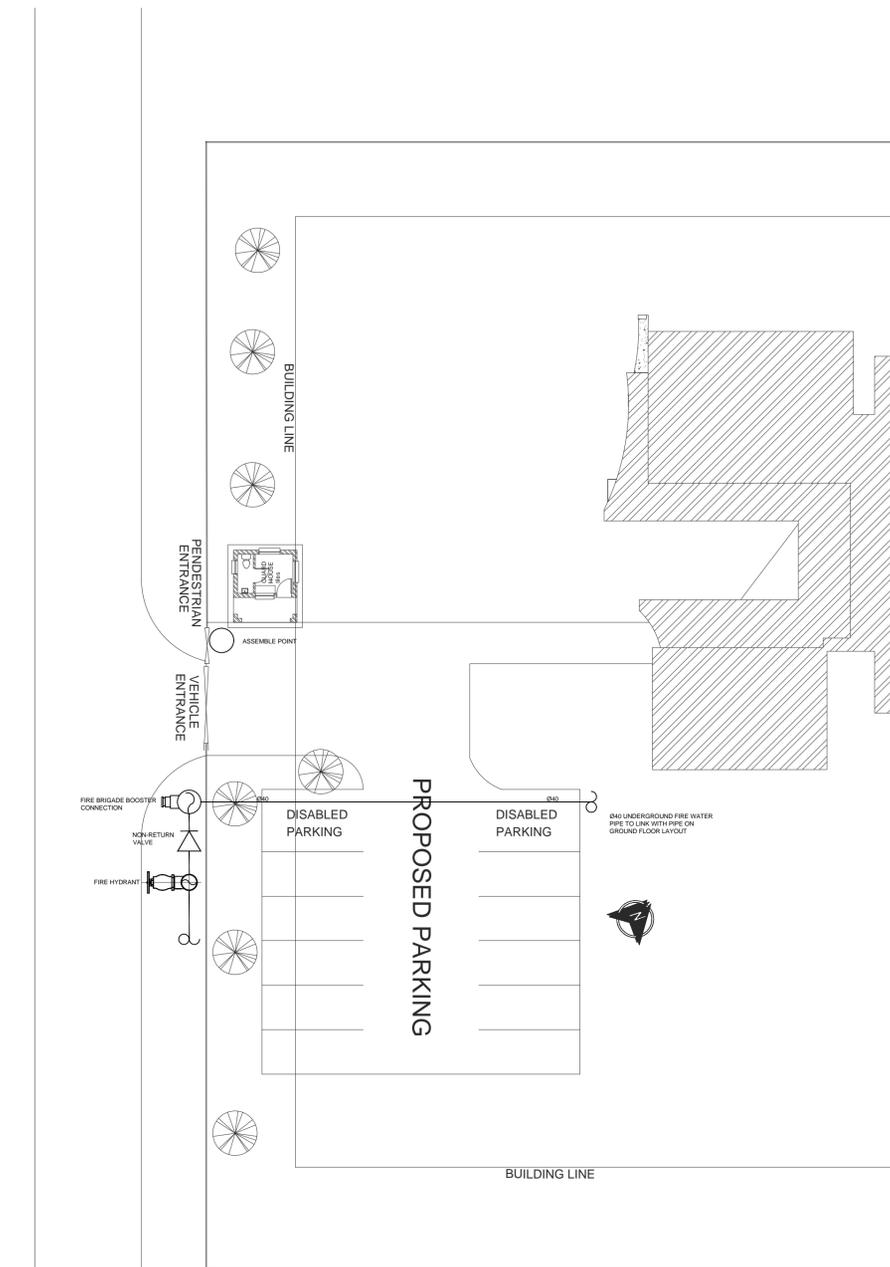


GROUND FLOOR FIRE PLAN LAYOUT
SCALE 1:100



SITE PLAN FIRE LAYOUT
SCALE 1:200

- GENERAL NOTES
1. ALL PRIMARY CO-ORDINATION TO BE THE RESPONSIBILITY OF THE PRINCIPLE AGENT.
 2. HAND HELD FIRE EXTINGUISHERS AND HYDRANTS ARE TO BE PROVIDED AS INDICATED ON THE RELEVANT PLAN DRAWINGS.
 3. HOSE REELS ARE TO BE PROVIDED AS INDICATED ON THE RELEVANT PLAN DRAWINGS AND ARE TO HAVE A MINIMUM FLOW RATE OF 5 l/s AT 300KPA.
 4. FINAL FIRE SIGNAGE IS TO BE DETERMINED ON SITE WITH THE COUNCIL'S FIRE OFFICER.
 5. WATER SUPPLY REQUIREMENTS AT EACH HYDRANT IS TO BE 20 l/s AT 300kPa MINIMUM.
 6. FIRE ESCAPE ROUTES, INCLUDING CORRIDORS AND STAIRWAYS SHALL HAVE A MINIMUM WIDTH OF 1100mm.
 7. ALL VERTICAL OPENINGS BETWEEN FLOORS SHALL BE FIRE STOPPED.
 8. ALL ESCAPE ROUTES SHALL HAVE A FIRE RESISTANCE OF 60 MINUTES.
 9. ALL EMERGENCY ROUTES SHALL HAVE A FIRE RESISTANCE OF 120 MINUTES.
 10. THE LIFT SHAFT IS TO BE POSITIVELY PRESSURISED ON FIRE CONDITIONS.
 11. FOR FIRE HOSE REELS, HYDRANTS & SPRINKLER POSITIONS SEE INDIVIDUAL FLOOR PLAN DRAWINGS.

RATIONAL FIRE LEGEND

	BREAK GLASS UNIT		HOSE REEL
	FIREMAN'S LIFT CONTROL BREAK GLASS UNIT		FIRE HYDRANT
	SMOKE DETECTOR		BOOSTER CONNECTION
	FIREMAN'S INTERCOM		9kg CO FIRE EXTINGUISHER
	SPRINKLER HEAD		4.5kg CO FIRE EXTINGUISHER
	DIRECTIONAL ARROW		FIRE ESCAPE
	30 MINUTE FIRE RATED WALL		
	60 MINUTE FIRE RATED WALL		
	120 MINUTE FIRE RATED WALL		
	CLASS A SELF CLOSING FIRE DOOR		CLASS E SELF CLOSING FIRE DOOR
	CLASS B SELF CLOSING FIRE DOOR		120MIN FIRE RATED LIFT LANDING DOOR
	CLASS C SELF CLOSING FIRE DOOR		DOUBLE SWING DOORS
	CLASS D SELF CLOSING FIRE DOOR		

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 TUBATSE LOCAL MUNICIPALITY
PO BOX 206
BURGERSFORT
1150

DISCIPLINE:
MECHANICAL

WORK DESCRIPTION:
NEW LIBRARY

DRAWING DESCRIPTION:
FIRE EVACUATION LAYOUT

FILE No.	DESIGN	SCALE	W NGOBENI	AS SHOWN	W NGOBENI	DRAWN	W NGOBENI	CHECKED
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DATE	NAME	RESPONSIBLE PROFESSIONAL SIGNATURE	PR NUMBER
16-11-2021	W NGOBENI		2019600355

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CADD SYSTEM	AUTOCAD	FILE NAME
SIZE	DRAWING NUMBER	REV
A1	WAN-MFW01	0