



3 FIRST FLOOR LAYOUT
1:50

- GENERAL NOTES**
- ALL WORK TO BE CONSTRUCTED IN ACCORDANCE WITH NATIONAL BUILDING REGULATIONS, SABS 0100, SABS 1200 GB, GF & THE PROJECT SPECIFICATIONS
 - DO NOT SCALE ANY DRAWINGS. WORK TO FIGURED DIMENSIONS ONLY.
 - ANY DISCREPANCIES ON THIS DRAWING TO BE BROUGHT TO THE ENGINEER'S ATTENTION PRIOR TO THE IMPLEMENTATION OF ANY WORK.
 - ALL COLUMNS ARE ON CENTRE LINES UNLESS SHOWN OTHERWISE. ALL LOAD BEARING BRICKWORK IS TO BE CONSTRUCTED USING 14MPa BRICKS.
 - THE CONTRACTOR IS TO MAINTAIN A FULL SET OF WORKING DRAWINGS ON SITE.
 - THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS ON SITE.
 - ALL CONCRETE SIZES DO NOT INCLUDE FINISHES UNLESS NOTED OTHERWISE.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONTRACT SPECIFICATIONS.
 - FOR RAINWATER DRIPS, CHAMFERS AND CONSTRUCTION JOINTS REFER TO ARCHITECT'S DRAWINGS UNLESS OTHERWISE SHOWN ON THIS DRAWING.
 - THE ENGINEER SHOULD BE GIVEN 48 HOURS NOTICE PRIOR TO ANY NECESSARY SITE INSPECTION.
- CONCRETE NOTES**
- ALL REINFORCED CONCRETE WORK TO COMPLY WITH THE LATEST REQUIREMENTS OF SABS 1200 OR AMENDMENTS THEREOF.
 - A SET OF THREE CUBES TO BE MADE PER MAJOR POUR AND TESTED AT 28 DAYS.
 - CONCRETE FINISHES AS SPECIFIED BY ARCHITECT.
 - ALL REINFORCEMENT IS TO BE INSPECTED BY THE ENGINEER PRIOR TO CASTING OF ANY CONCRETE.
 - ERECTION AND STRIPPING OF FORMWORK AND CURING OF CONCRETE TO BE STRICTLY TO SABS 1200 OR LATEST AMENDMENTS THEREOF.
 - THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE REINFORCEMENT IN THE CORRECT POSITION AT ALL TIMES.
 - T.O.C. DENOTES TOP OF CONCRETE LEVEL.
 - COVER TO CONCRETE REINFORCEMENT:
 - a) FOUNDATIONS - 40mm
 - b) COLUMNS - 25mm
 - c) BEAMS - 25mm
 - d) SLABS - 25mm
 - CONCRETE STRENGTH AT 28 DAYS:
 - COLUMNS - 30MPa
 - WALLS - 25MPa
 - BEAMS - 25MPa
 - SLABS - 25MPa
 - STAIRS - 25MPa
 - BASES - 25MPa
 - BLINDING - 10MPa

PROJECT MANAGER



CLIENT

NATIONAL HEALTH LABORATORY SERVICE



CONCEPT DRAWING	NAME	DATE
	SIGNATURE	
TENDER DRAWING	NAME	DATE
	SIGNATURE	
APPROVED FOR CONSTRUCTION	NAME	DATE
	SIGNATURE	
AS-BUILT DRAWING	NAME	DATE
	SIGNATURE	

DATE	DRAWN	DESIGNED	CHECKED
19.09.2022	G. MACHIPISA	R.G. MUSWENE	R.G. MUSWENE

DRAWING STATUS
INFORMATION

PROJECT TITLE	DISCIPLINE	JOB No.	DRAWING No.	ISSUE No.
NHLs NEW LABORATORY AND OFFICE	STRUCTURAL	BR_LHE0224	04	A

Rev.	Date	Description	BY	DRAWN	CHECKED



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DRAWING TITLE:
FIRST FLOOR LAYOUT

DRAWING STATUS
NHLs NEW LABORATORY AND OFFICE

SCALE AT A0:
1:50

DISCIPLINE
STRUCTURAL

DATE	DRAWN	DESIGNED	CHECKED
19.09.2022	G. MACHIPISA	R.G. MUSWENE	R.G. MUSWENE