

GENERAL NOTES

1 : 50

Rev	Date	Description	BY	DRAWN	CHECKED



Cowalling Structural & Civil Engineers  
19 TENEBLE ROAD,  
KOUKUNDALE  
e:info@lheafrica.co.za  
t:081 7861120

DRAWING TITLE  
NOTES

PROJECT TITLE  
NHL'S NEW LABORATORY AND OFFICE

SCALE AT A4:  
1 : 50

DISCIPLINE  
STRUCTURAL

JOB No:  
DRAWING No:  
CHECKED:  
R.G. MUSWENE

ISSUE No:  
A

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

DATE	DRAWN	DESIGNED	CHECKED
19.09.2023	G. MACHIPISA	R.G. MUSWENE	R.G. MUSWENE

DRAWING STATUS

INFORMATION

PROJECT MANAGER



CLIENT  
NATIONAL HEALTH LABORATORY SERVICE



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.
- ANY DISCREPANCIES ON THIS DRAWING ARE 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 AND LOCATIONS.
- ALL CONCRETE SIZES DO NOT INCLUDE FINISHES UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONTRACT SPECIFICATIONS.
- FOR RAINWATER DIPS, CHAMBERS 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.
- ALL CONCRETE TO BE ADEQUATELY VIBRATED.
- 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.
- SECTION 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:
  - WALLS - 25MPa
  - BEAMS - 25MPa
  - SLABS - 25MPa
  - TAILS - 25MPa
  - BASES - 25MPa
  - BLINDING - 10MPa

PROJECT MANAGER



CLIENT  
NATIONAL HEALTH LABORATORY SERVICE



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.
- ANY DISCREPANCIES ON THIS DRAWING ARE 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 AND LOCATIONS.
- ALL CONCRETE SIZES DO NOT INCLUDE FINISHES UNLESS NOTED OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL CONTRACT SPECIFICATIONS.
- FOR RAINWATER DIPS, CHAMBERS 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.
- ALL CONCRETE TO BE ADEQUATELY VIBRATED.
- 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.
- SECTION 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:
  - WALLS - 25MPa
  - BEAMS - 25MPa
  - SLABS - 25MPa
  - TAILS - 25MPa
  - BASES - 25MPa
  - BLINDING - 10MPa