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Rev	Date	Description	BY	DRAWN	CHECKED



Consulting Structural &
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DRAWING TITLE
PERSPECTIVES
PROJECT TITLE
NHLs NEW LABORATORY AND OFFICE

SCALE AT A0
DISCIPLINE
STRUCTURAL

DRAWING STATUS
INFORMATION
JOB No.
BR_LHE0224
DRAWING No.
08
ISSUE No.
A

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.
- 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.
- 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

