



REVISIONS			
No	DATE	BY	DESCRIPTION

PROJECT TITLE
PROPOSED CLASSROOM BLOCK AT KIITHE PRIMARY SCHOOL.

CLIENT
MINISTRY OF EDUCATION

CLIENT'S APPROVAL:..... DATE:.....

DRG TITLE
FIRST FLOOR SLAB BEAMS REINFORCEMENT DETAILS.

SCALES: 1:75, 1:25, 1:20 SHEET SIZE: A1

PROJECT NO SHEET NO: 03

NAME	SIGNATURE	DATE
DRAWN R. MWANDOE		24TH NOVEMBER, 2025
DESIGNED R. MWANDOE		24TH NOVEMBER, 2025
CHECKED R. MWANDOE		24TH NOVEMBER, 2025

APPROVED
REGIONAL WORKS OFFICER – EASTERN REGION

STATE DEPARTMENT FOR PUBLIC WORKS
REGIONAL WORKS OFFICE – EASTERN
P.O. BOX 455-60100 EMBU
STRUCTURAL DEPARTMENT



- NOTES**
- ALL DIMENSIONS AND LEVELS TO BE VERIFIED AND CONFIRMED ON SITE
 - CONCRETE SHALL BE 1:2:4 MIX, CLASS 20 / 20
 - COVER SHALL BE AS FOLLOWS (UNLESS OTHERWISE SHOWN)
SLAB - 20mm, BEAMS - 25mm, STAIRS - 20mm, HOLLOW POT SLAB - 20mm,
COLUMNS AND GROUND BEAMS - 40mm, FOOTINGS - 50mm
WALLS (TO VERTICAL BARS) - 25mm.
 - FOUNDATIONS ARE DESIGNED FOR A SAFE BEARING PRESSURE OF 200 kN/m² AND SHALL BE SUBJECT TO VERIFICATION ON SITE
 - 50mm BLINDING SHALL BE PROVIDED UNDER ALL R.C FOOTINGS AND GROUND BEAMS
 - SYMBOLS:
T1- TOP BARS UPPER LAYER
T2- TOP BARS LOWER LAYER
B1- BOTTOM BARS UPPER LAYER
B2- BOTTOM BARS LOWER LAYER
NF- NEAR FACE EF- EACH FACE
FF- FAR FACE BF- BOTH FACES
D.O.S - DETERMINED ON SITE
 - REINFORCEMENT LAPPING TO BE 50D