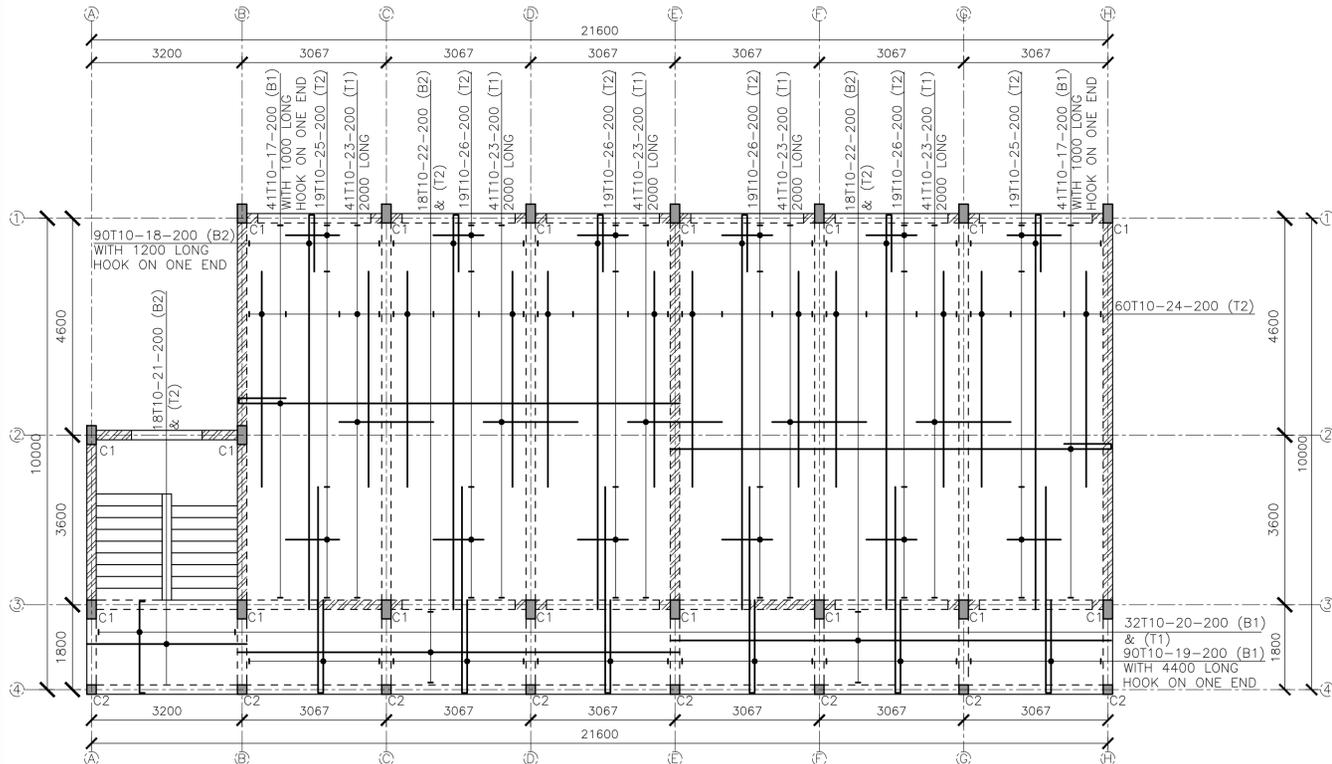


FIRST FLOOR SLAB LAYOUT
175mm THICK SLAB THROUGHOUT



FIRST FLOOR SLAB REINFORCEMENT DETAILS

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 LOWER LAYER
B2- BOTTOM BARS UPPER LAYER
NF- NEAR FACE EF- EACH FACE
FF- FAR FACE BF- BOTH FACES
D.O.S - DETERMINED ON SITE
- REINFORCEMENT LAPPING TO BE 50D

REVISIONS		
No	DATE	DESCRIPTION
PROJECT TITLE PROPOSED CLASSROOM BLOCK AT KIITHE PRIMARY SCHOOL.		
CLIENT MINISTRY OF EDUCATION		
CLIENT'S APPROVAL:..... DATE:.....		
DRG TITLE FIRST FLOOR SLAB LAYOUT WITH FIRST FLOOR SLAB REINFORCEMENT DETAILS		
SCALES: 1:75, 1:25, 1:20	SHEET SIZE: A1	
PROJECT NO	SHEET NO: 02	
DRAWN	NAME R. MWANDOE	SIGNATURE DATE 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		

