

**NOTES**

- GENERAL**
- Drawings are not to scaled, only figured dimensions to be used
  - All dimensions are in mm unless otherwise specified.
  - The contractor must check and verify all dimensions before commencement of any work.
- CONSTRUCTION**
- All slab at ground level to be poured over 1000 gauge polythene sheet on 50mm thick muram blinding on hardcore.
  - All soil under slab around and under foundation to be treated with approved anti-termites
- CIVIL**
- All soil on cut embankment to be stabilized. The slope not to exceed the natural angle of repose
- STRUCTURAL**
- All black cotton soil to be removed from all buildings and paved surfaces
  - For all R.C work, refer to structural Engineer's details.
  - Depth of foundation to be determined on site to S.E's approval
  - All walls less than 150mm thick to be reinforced with hoop iron at every alternate course.
  - All adjacent R.C. work and masonry walls to be tied with hoop iron at every alternate course.
  - All plumbing and drainage to comply with relevant local authority.
  - SVP denotes soil vent pipe to be provided at the head of the drainage system
  - Drains passing beneath buildings & driveways to be encased in 150mm concrete surround.
  - The storm water drain pipes to comply with BS 556 specification.
  - All underground soil and waste drain pipes shall be UPVC to comply with BS 5255.
  - All inspection chambers covers and framing shall be cast iron.
  - Minimum slope in the drains pipes to be 1 in 100
  - No chases will be allowed for pipes. Sleeves will be allowed with written approval of structural Eng. No cutting of concrete without express approval of the Architect or structural Eng.
  - All testing of pipes must be completed before plastering.
  - All mechanical works must be co-ordinated with electrical and any conflict must be clarified before work begins.
- FINISHES**
- All doors and windows to have permanent ventilations (PV) except w.c.s and showers doors.
  - All floor finishes to be cement/sand screed unless otherwise instructed or shown.

<b>NOTES</b>
<b>REVISIONS</b>

Project Title:  
**PROPOSED CLASSROOM BLOCK AT MURANG'A TEACHER'S TRAINING COLLEGE**

Client:  
**MURANG'A TEACHER'S TRAINING COLLEGE,  
 P.O BOX .....**

Client ministry/department:  
**EDUCATION**

Client approval: .....

Drawing title:  
**GROUND FLOOR ,FIRST FLOOR #PART SITE PLANS.**

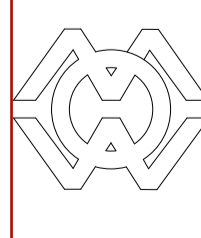
SCALES:	AS INDICATED	
DWG NO.	I	
DRAWN:	P. KAMANDE	OCT. 2023
CHECKED:	ARCH. L.K NDEGE.	OCT. 2023

Approved: \_\_\_\_\_

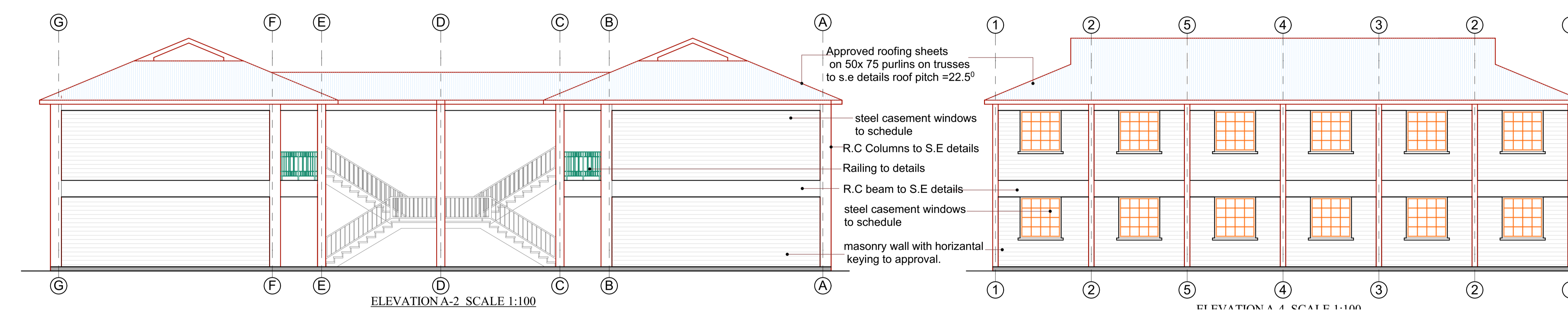
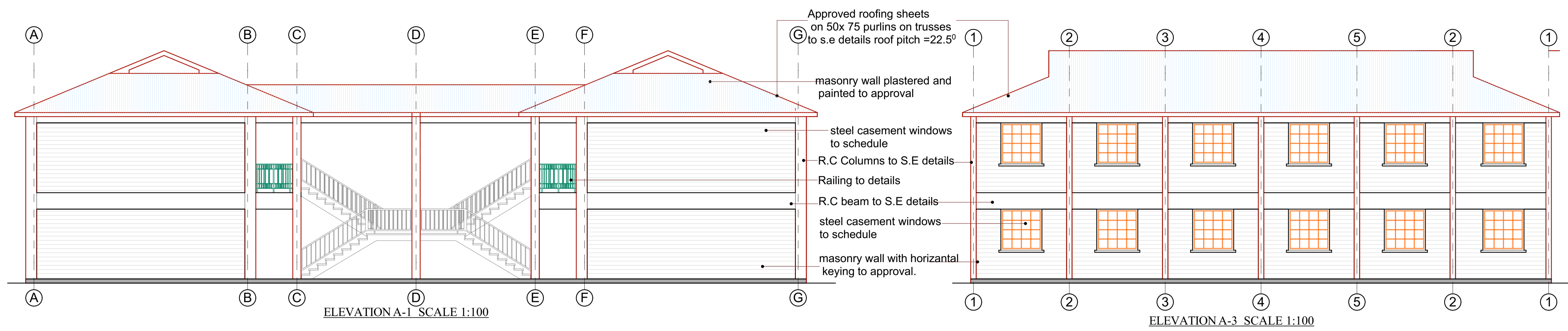
**MINISTRY OF PUBLIC WORKS**

MURANG'A COUNTY WORKS OFFICE.

ARCHITECTURAL DEPARTMENT

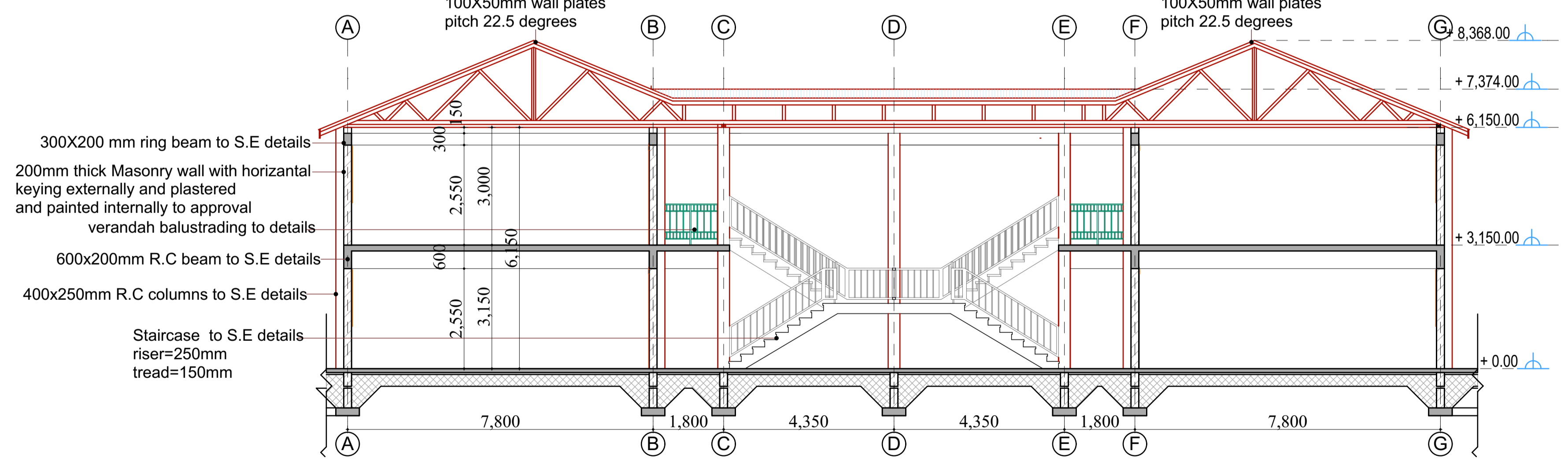






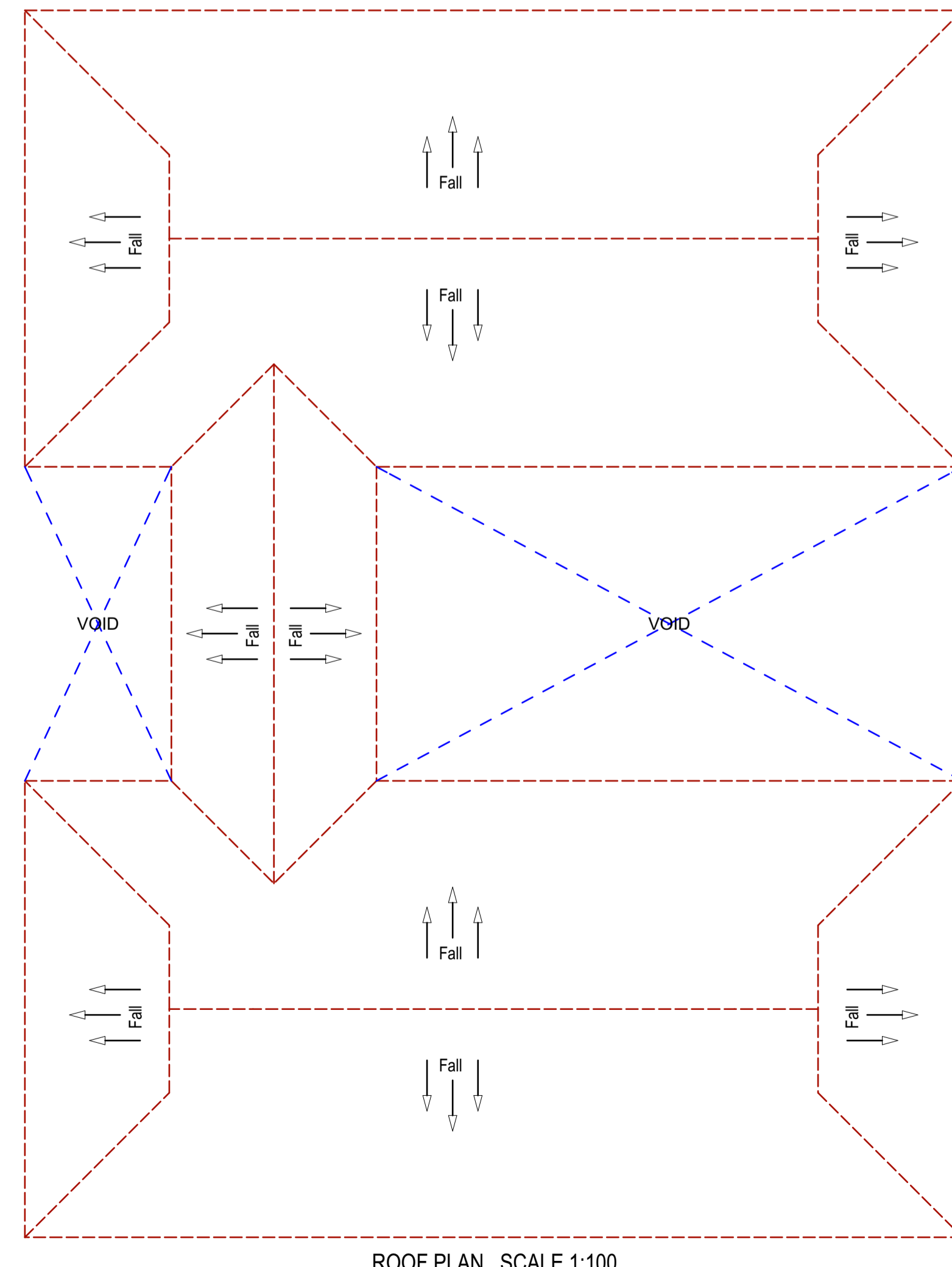
**ROOF DETAILS**  
 G 28 ridge cap on  
 G 28 pre-painted I.T.5 sheets on  
 50x75 mm purlins on  
 150X50mm rafter braced with  
 100X50 mm struts and ties on  
 100X50mm tie beam on  
 100X50mm wall plates  
 pitch 22.5 degrees

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 100X50mm tie beam on  
 100X50mm wall plates  
 pitch 22.5 degrees



**FLOOR DETAILS**  
 150mm thick concrete slab on  
 500gauge damp proof membrane on  
 50mm thick murrum blinding on  
 300mm thick well compacted  
 hardcore in 2 layers.

**FOUNDATION DETAILS**  
 200mm thick foundation walling on  
 200X600mm thick r.c strip foundation on  
 50mm thick concrete blinding  
 depth of foundation to be  
 determined on site.



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**NOTES**

**REVISIONS**

No.	Description

Project Title:  
**PROPOSED CLASSROOM BLOCK AT MURANGA TEACHER'S TRAINING COLLEGE**

Client:  
**MURANGA TEACHER'S TRAINING COLLEGE, P.O BOX .....**

Client ministry/depart:  
**EDUCATION**

Client approval: .....

Drawing title:  
**ROOF PLAN ELEVATIONS & SECTION**

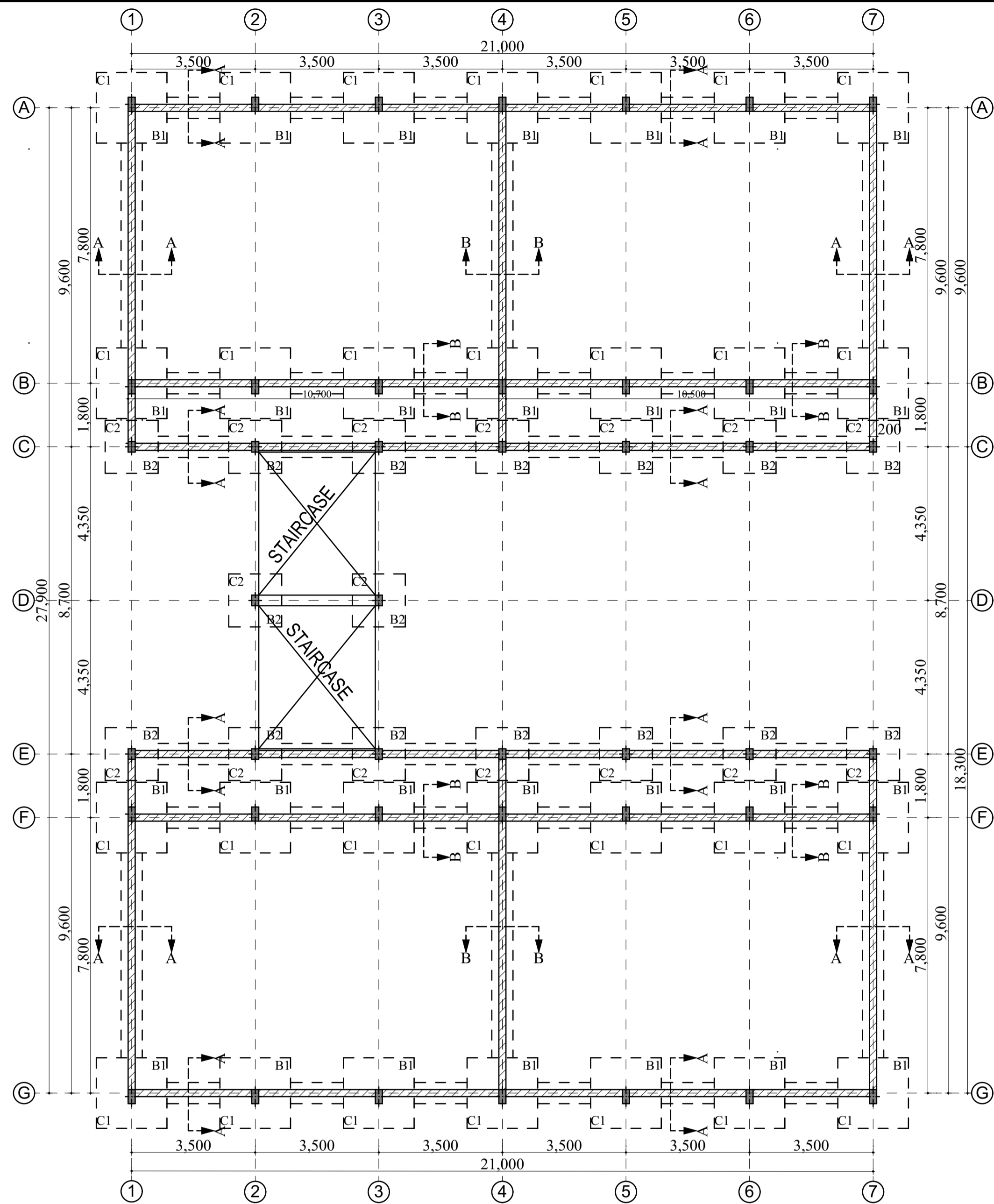
SCALES:	AS INDICATED	
DWG NO.	2	
DRAWN:	P. KAMANDE	OCT. 2023
CHECKED:	ARCH. L.K NDEGE.	OCT. 2023

Approved: .....

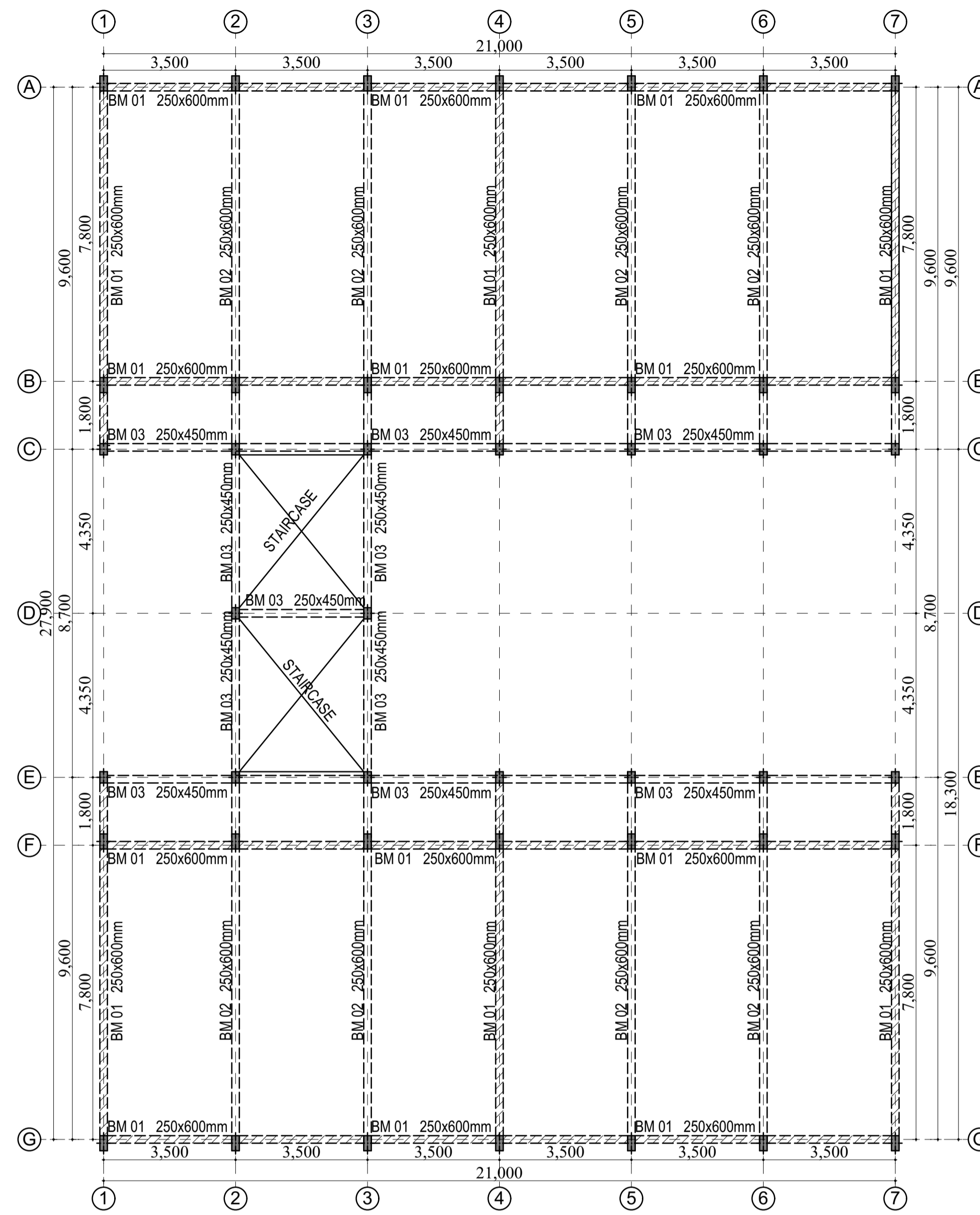
**MINISTRY OF PUBLIC WORKS**

MURANGA COUNTY WORKS OFFICE.

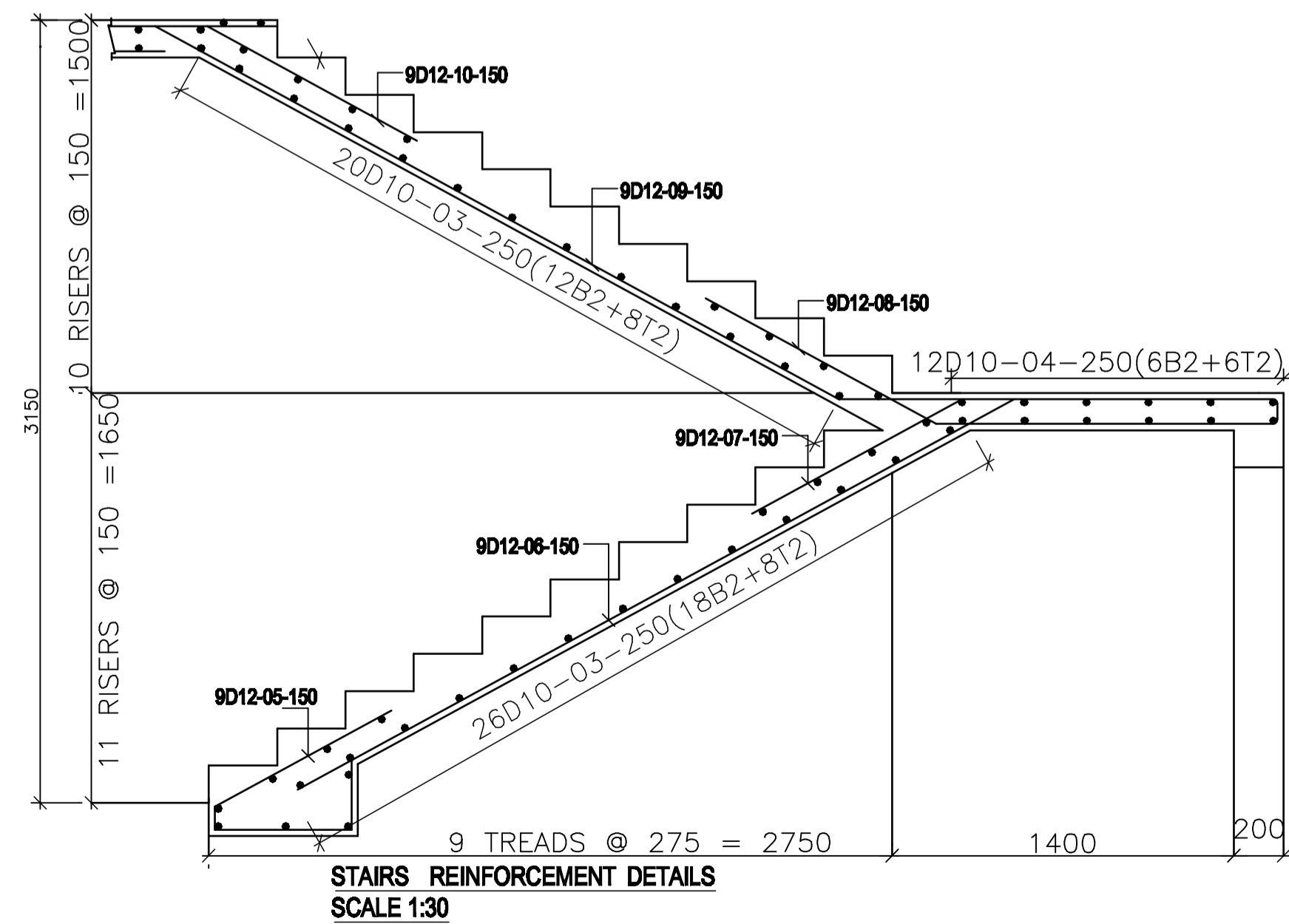
ARCHITECTURAL DEPARTMENT



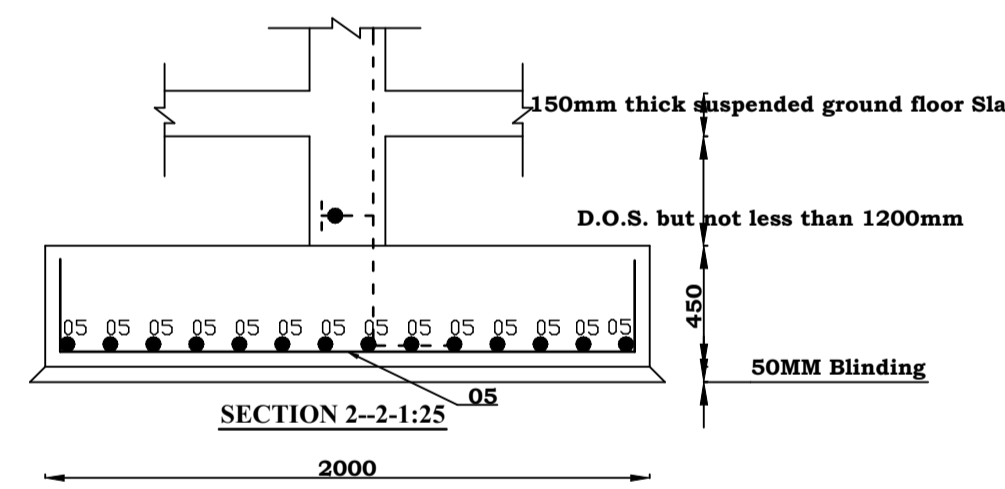
FOUNDATION LAYOUT PLAN SCALE 1:100



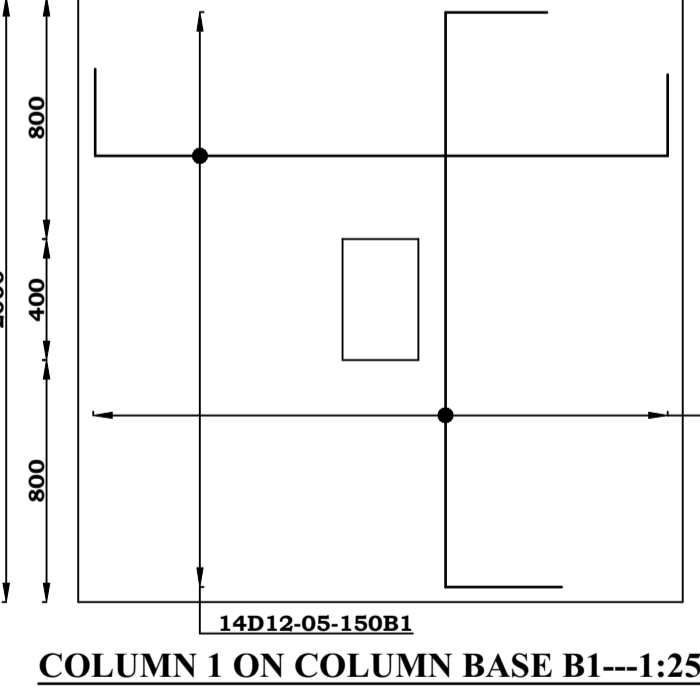
BEAM LAYOUT PLAN SCALE 1:100



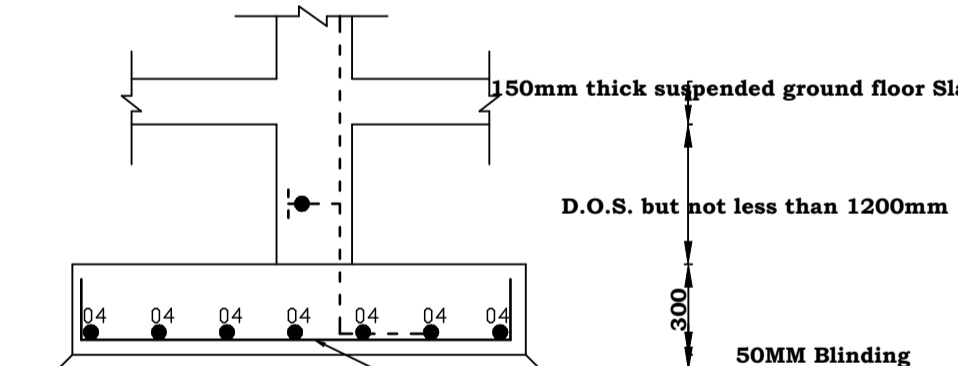
STAIRS REINFORCEMENT DETAILS SCALE 1:30



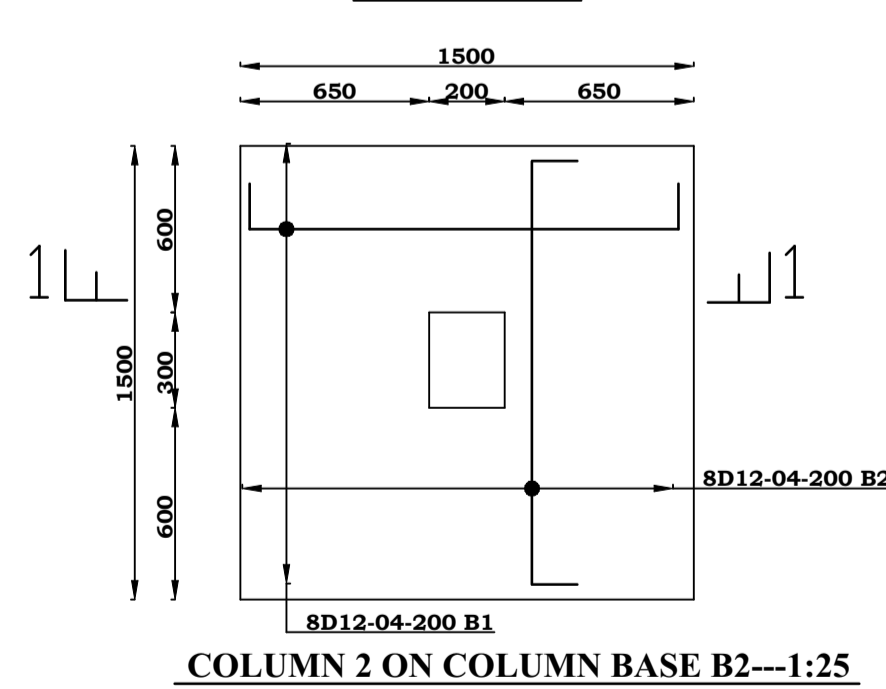
SECTION 2-2-1:25



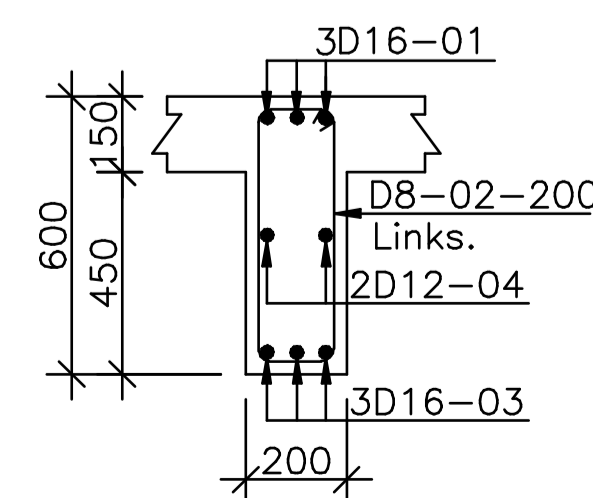
COLUMN 1 ON COLUMN BASE B1---1:25



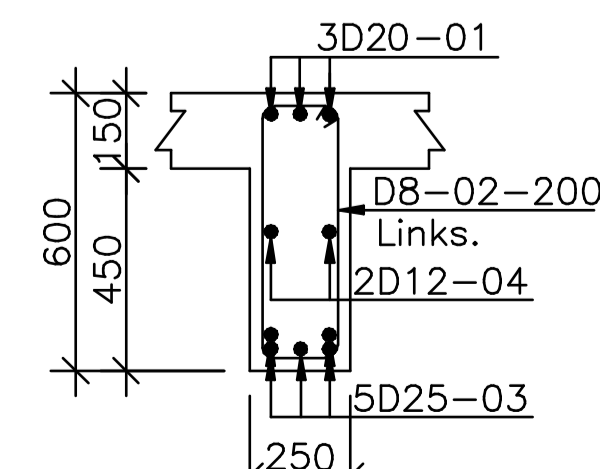
SECTION 1-1-1:25



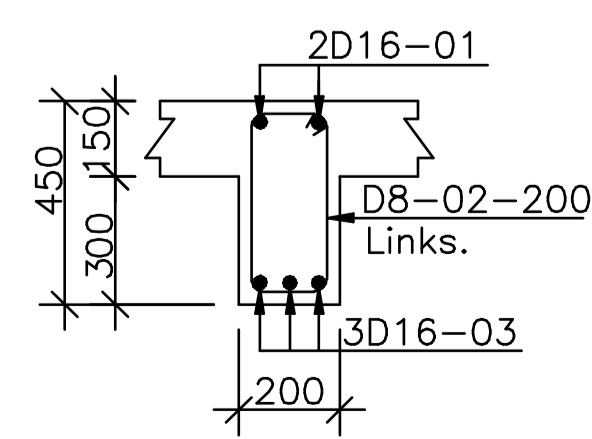
COLUMN 2 ON COLUMN BASE B2---1:25



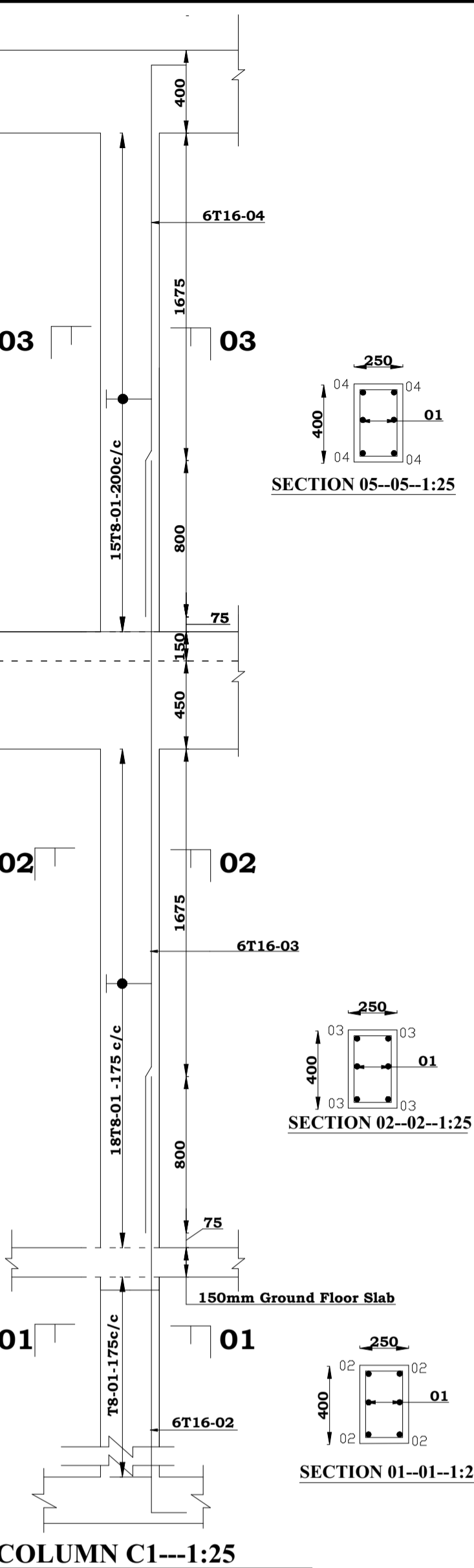
600X250MM TYPE BEAM 01



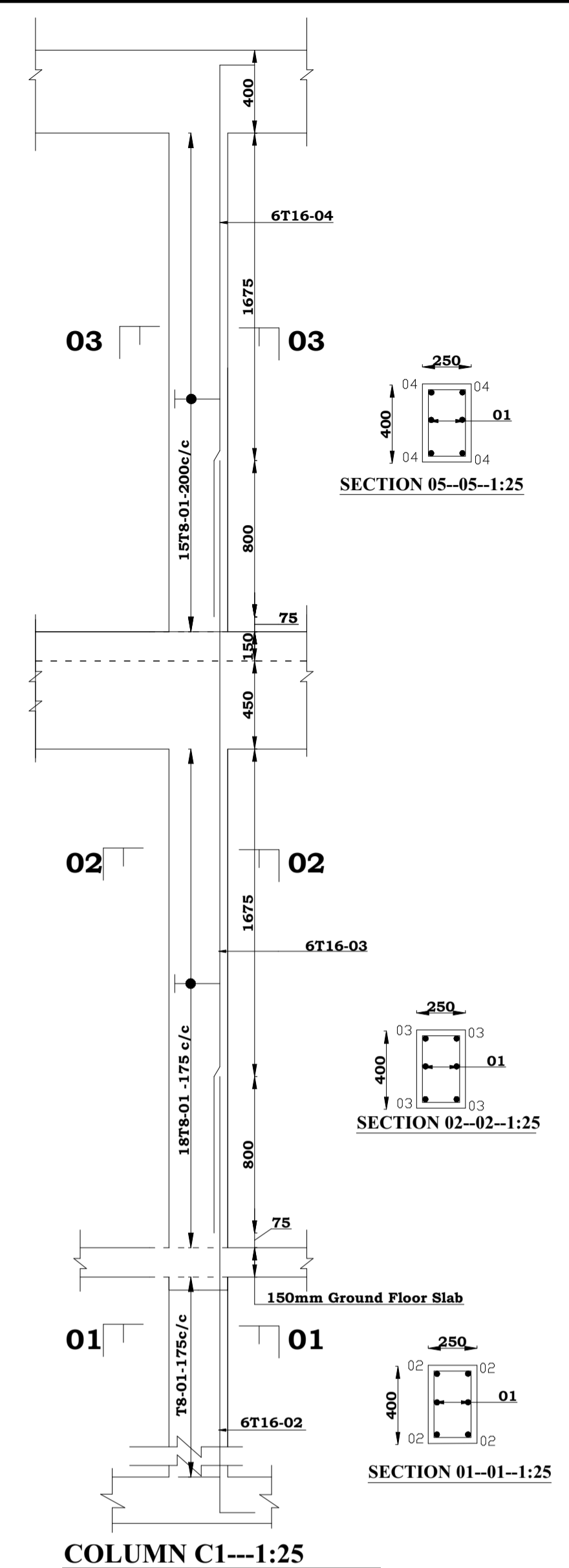
600X250MM TYPE BEAM 02



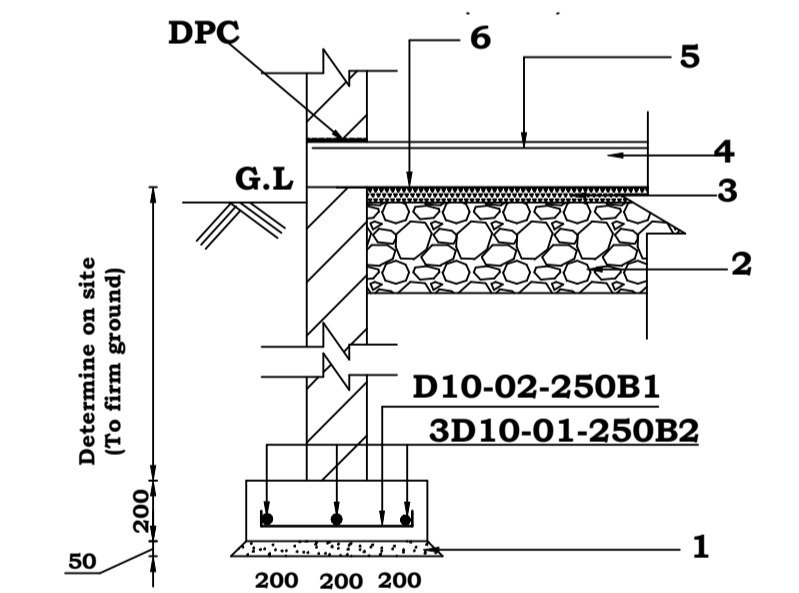
450X250MM TYPE BEAM 03



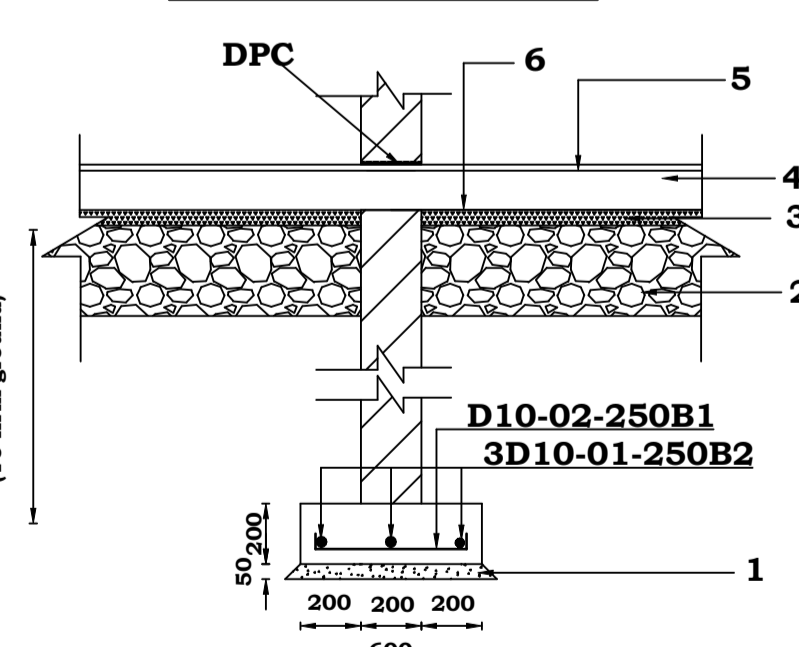
COLUMN C1---1:25



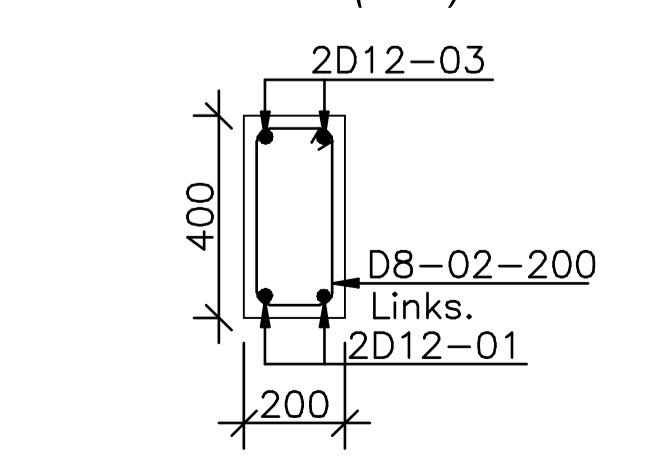
COLUMN C1---1:25



SECTION A-A (1:25)



SECTION B-B (1:25)



450X250MM RING BEAMS

**NOTES**

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- Structural concrete to be class 25/20 (1:1.2: 3 mix)  
 Concete Cover to reinforcement including links;  
 Foundations = 50mm  
 Columns = 30mm  
 Beams = 25mm  
 Slab / Stairs = 25mm
- Reinforcement Steel to be :  
 Y- square twisted high yield bars to BS 4461.  
 R- round mild bars to BS 4461
- Foundation depth to be determined on site but to be a minimum of 1200mm and must be to firm bearing strata .
- All floor slabs are 150mm thick unless otherwise indicated

CLIENT:  
MURANGA' TEACHER'S TRAINING COLLEGE

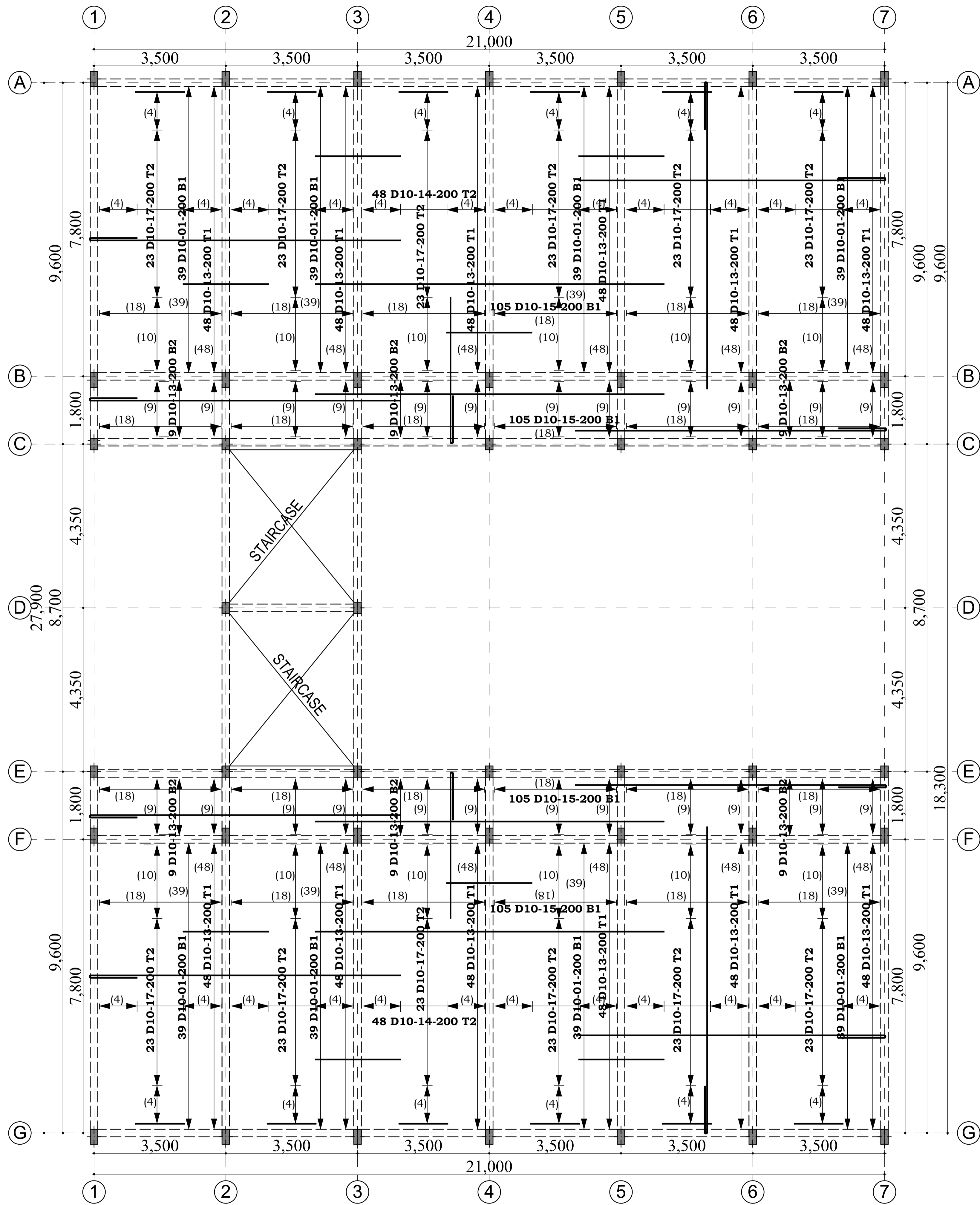
PROJECT:  
PROPOSED CLASSROOM BLOCK AT MURANGA' TEACHER'S TRAINING COLLEGE

DRAWING TITLE:  
FOUNDATION LAYOUT,COLUMNS, COLUMN BASES,STAIRCASE & LAYOUT BEAM R.C DETAILS

AS SHOWN	NAME	SIGNATURE	DATE
DESIGNED	P.M		NOV. 2023
DRAWN	M.K		NOV. 2023

MINISTRY OF PUBLIC WORKS.





**R.C SLAB LAYOUT PLAN SCALE 1:100**  
**SLAB THICKNESS =150mm**

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CLIENT:  
 MURANG'A TEACHER'S TRAINING COLLEGE  
 SIGN.....  
 PROJECT  
 PROPOSED CLASSROOM BLOCK AT  
 MURANG'A TEACHER'S TRAINING COLLEGE

DRAWING TITLE  
 SLAB R.C DETAILS

SCALES	DRG. NO. 01		
AS SHOWN	NAME	SIGNATURE	DATE
DESIGNED	P.M		NOV. 2023
DRAWN	M.K		NOV. 2023

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 OF  
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