ARCHITECTURAL DRAWINGS

COMPUTER BLOCK

ARCHITECTURAL DRAWING

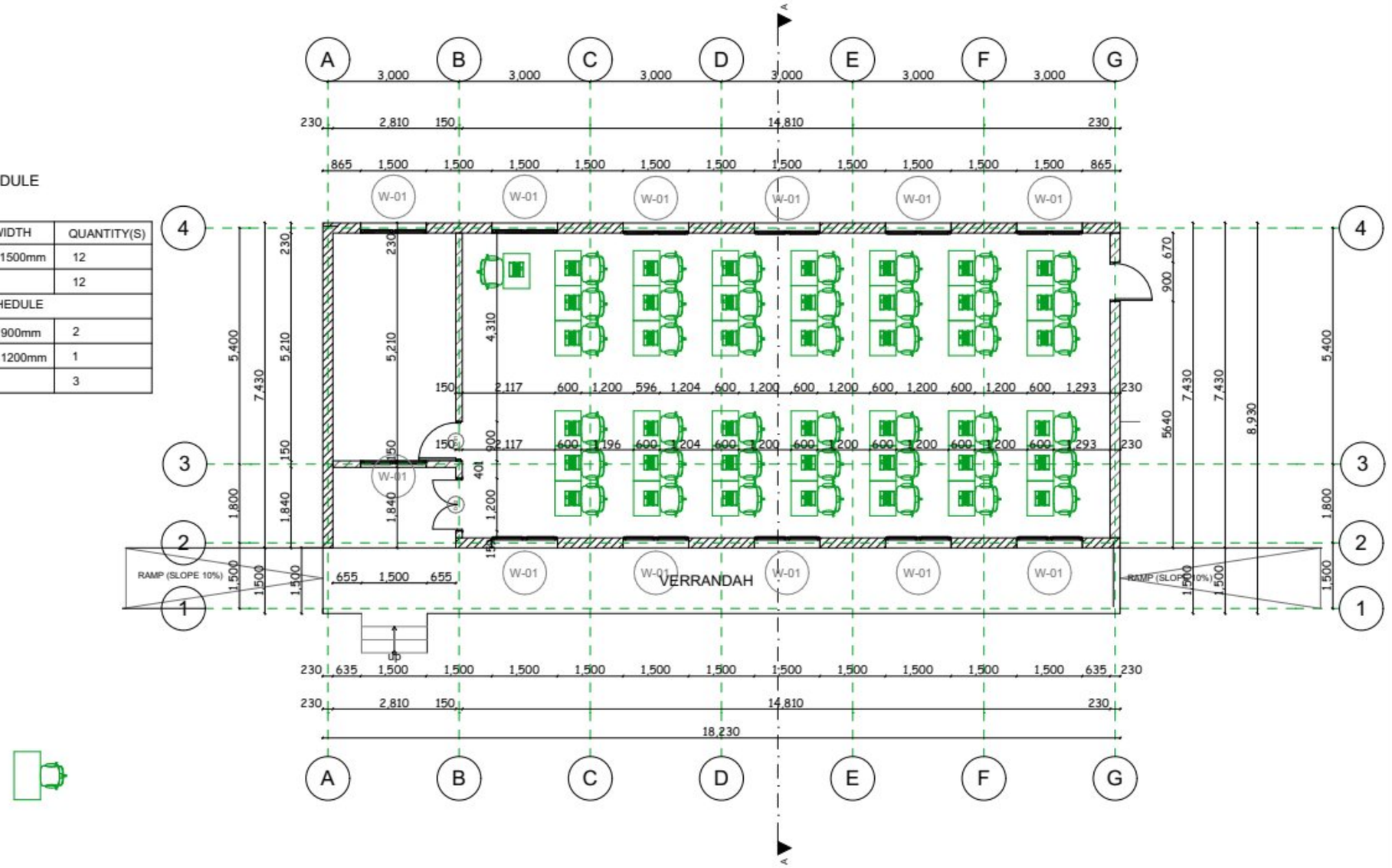
Computer-Hipped

JUNE 2023

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY *IN COLLABORATION WITH* **PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**	**PROVISION OF PHYSICAL FACILITIES IN SECONDARY SCHOOLS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM**	DRAWING TITLE: COMPUTER BLOCK-HIPPED DRAWING NO: ARC/CMPH/00	Date	June, 2023
			Drawn by	IAS
			Checked by	JR
			Scale	To fit

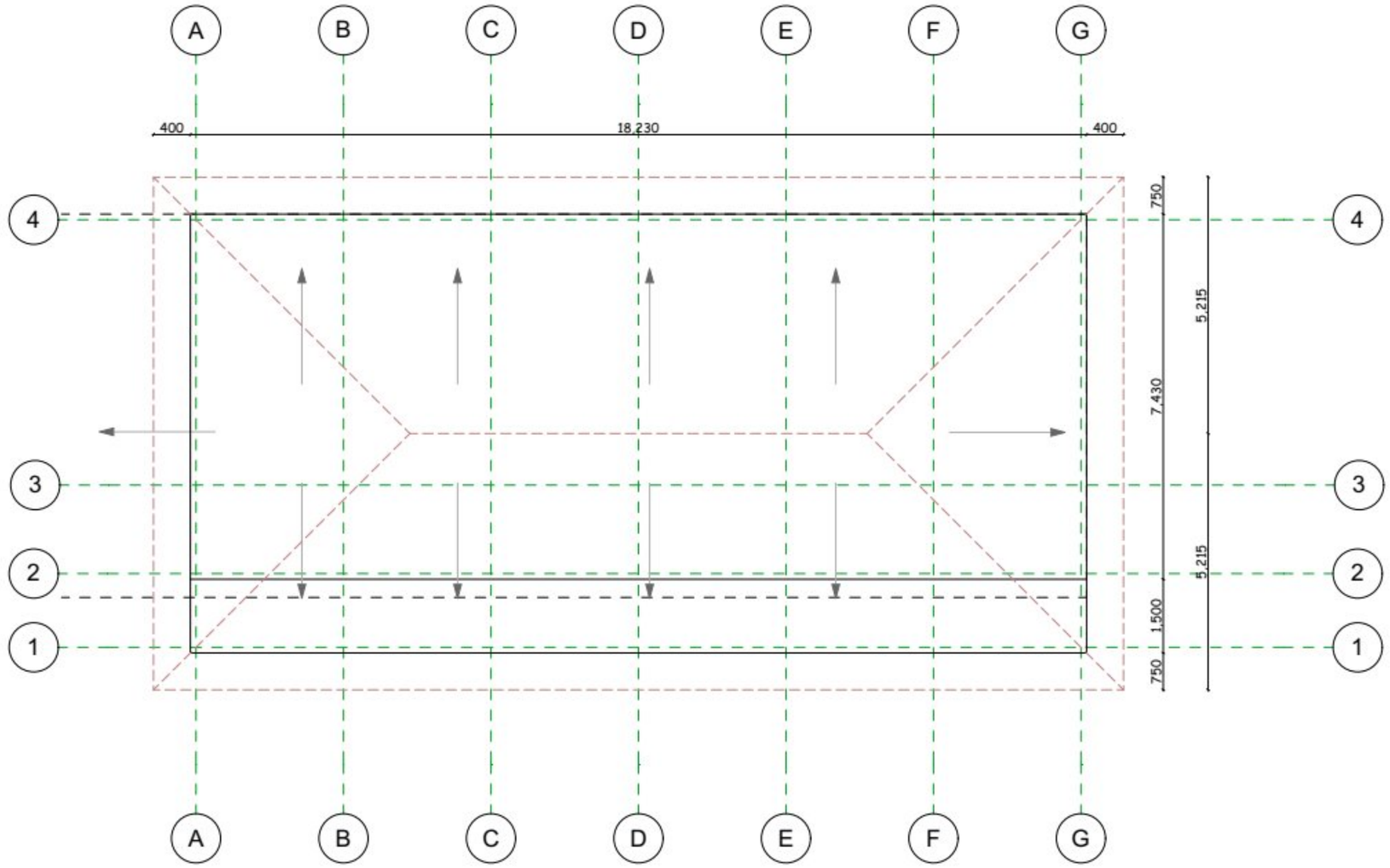
WINDOW SCHEDULE

WINDOW TYPE	HEIGHT x WIDTH	QUANTITY(S)
W 01	1500mm x 1500mm	12
TOTAL		12
DOOR SCHEDULE		
D 1	2500mm x 900mm	2
D 2	2500mm x 1200mm	1
TOTAL		3

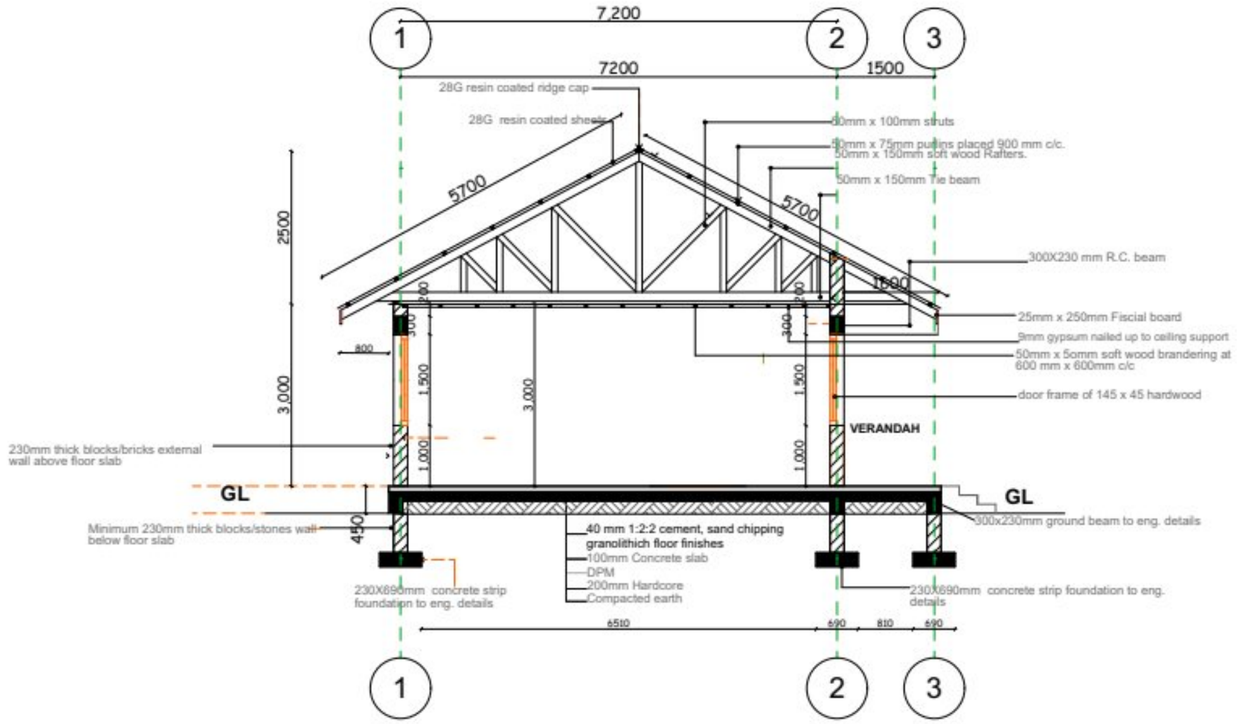


TOTAL FLOOR AREA = 163 SQM

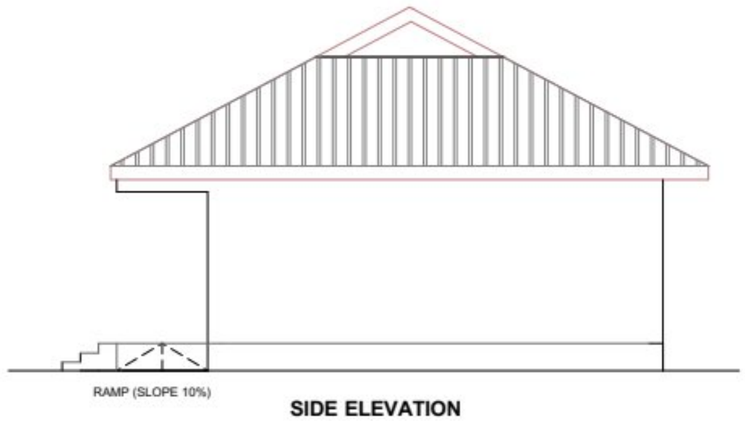
MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY *IN COLLABORATION WITH* PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT	PROVISION OF PHYSICAL FACILITIES IN SECONDARY SCHOOLS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM	DRAWING TITLE:COMPUTER BLOCK HIPPED FLOOR PLAN DRAWING NO: ARC/CMPH/01	Date: June,2023 Drawn by: IAS Checked by: JR Scale: To fit



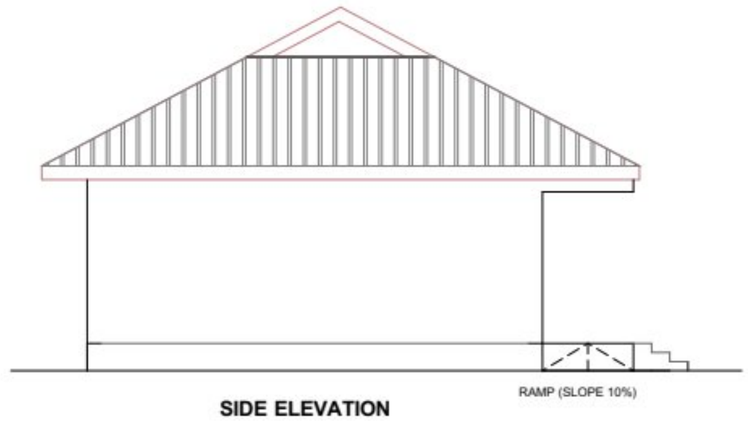
MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY *IN COLLABORATION WITH* **PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**	**PROVISION OF PHYSICAL FACILITIES IN SECONDARY SCHOOLS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM**	DRAWING TITLE: PROPOSED COMPUTER BLOCK HIPPED **ROOF PLAN AREA PRONE TO EATH QUAKE** DRAWING NO: ARC/CMPH/02	Date: June, 2023 Drawn by: IAS Checked by: JR Scale: To fit



TYPICAL SECTION

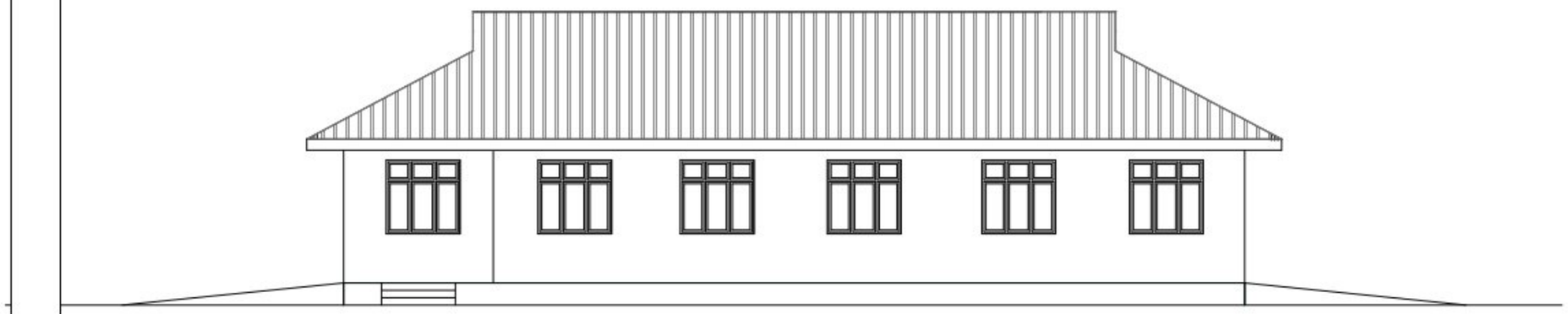


SIDE ELEVATION

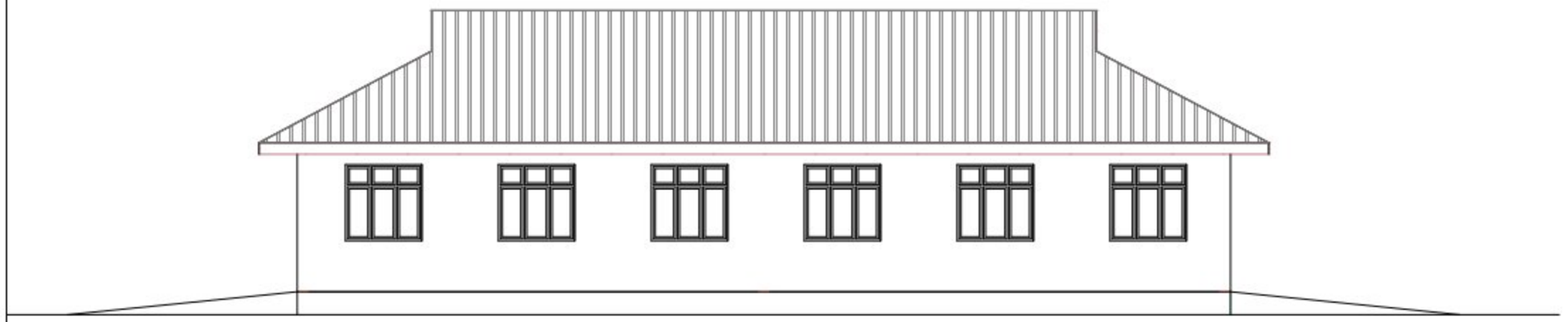


SIDE ELEVATION

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY *IN COLLABORATION WITH* **PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**	**PROVISION OF PHYSICAL FACILITIES IN SECONDARY SCHOOLS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM**	DRAWING TITLE: COMPUTER BLOCK HIPPED **TYPICAL SECTION - SIDE ELEVATIONS AREA PRONE TO EARTH QUAKE** DRAWING NO: ARC/3CRBH/03	Date: June, 2023 Drawn by: IAS Checked by: JR Scale: To fit



FRONT ELEVATION



REAR ELEVATION

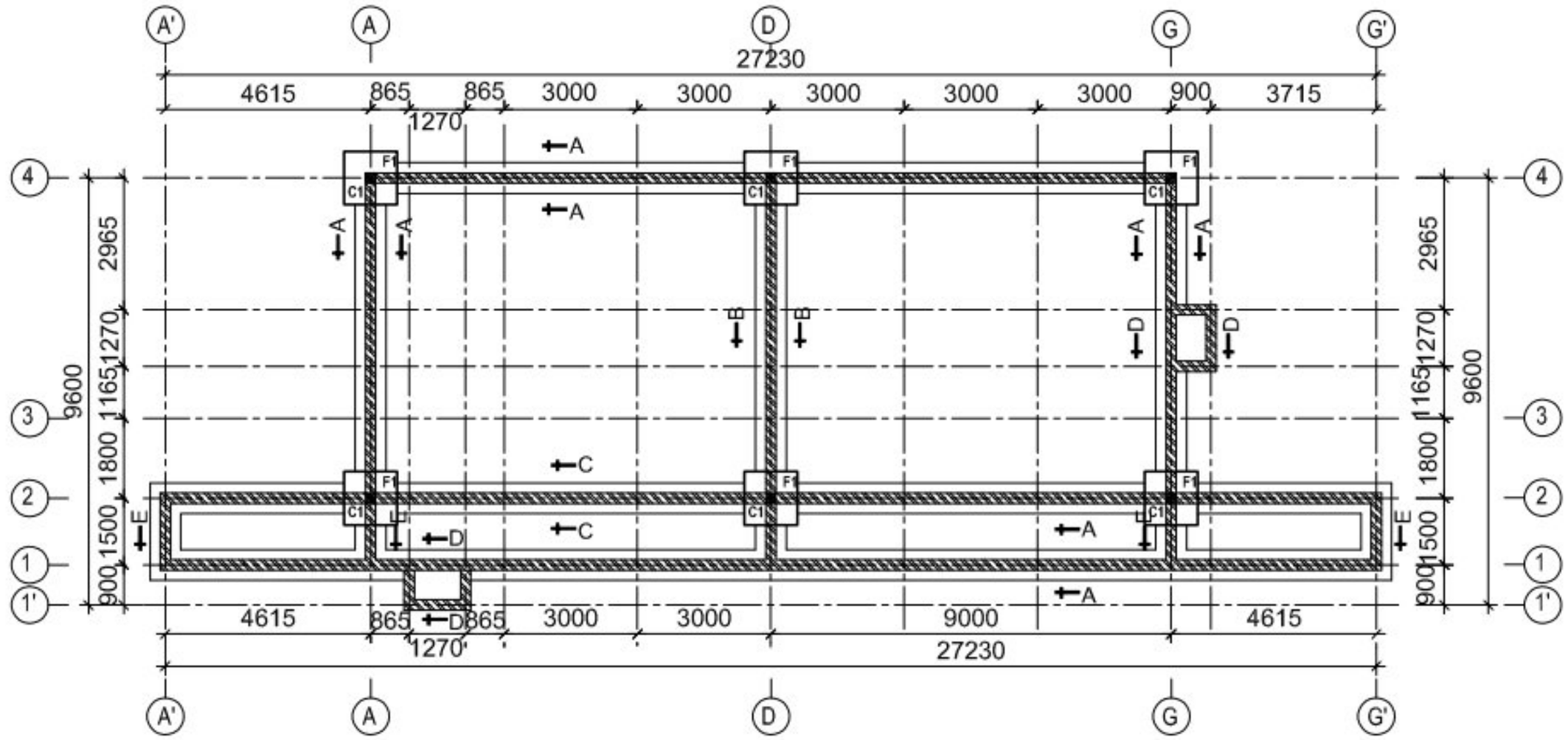
MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY *IN COLLABORATION WITH* **PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**	**PROVISION OF PHYSICAL FACILITIES IN SECONDARY SCHOOLS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM**	DRAWING TITLE:COMPUTER BLOCK HIPPED **ELEVATIONS -AREA PRONE TO EARTHQUAKE** DRAWING NO: ARC/CMPH/04	Date: June, 2023 Drawn by: IAS Checked by: JR Scale: To fit

STRUCTURAL DRAWINGS

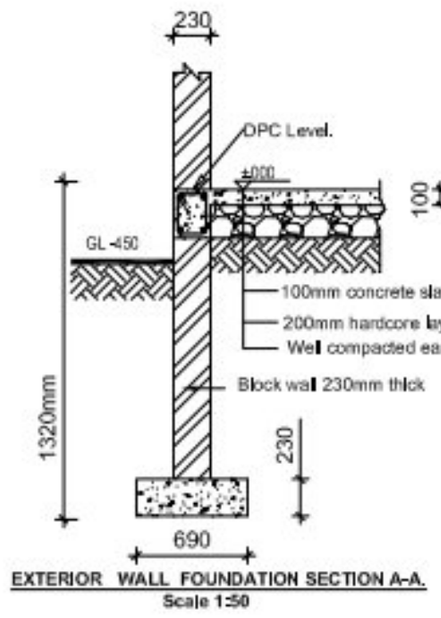
STRUCTURAL DRAWINGS

FOR

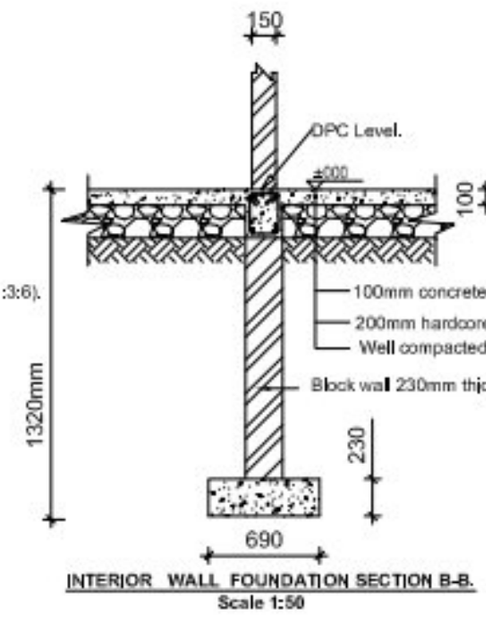
COMPUTER BLOCK - HIPPED



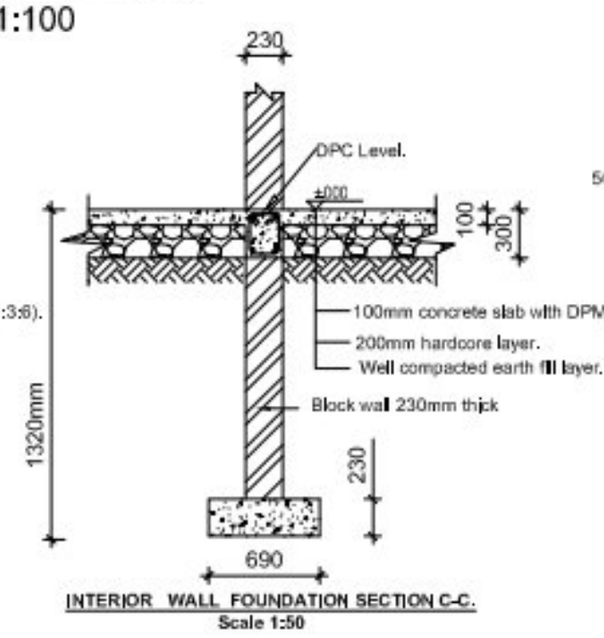
FOUNDATION LAYOUT PLAN
Scale 1:100



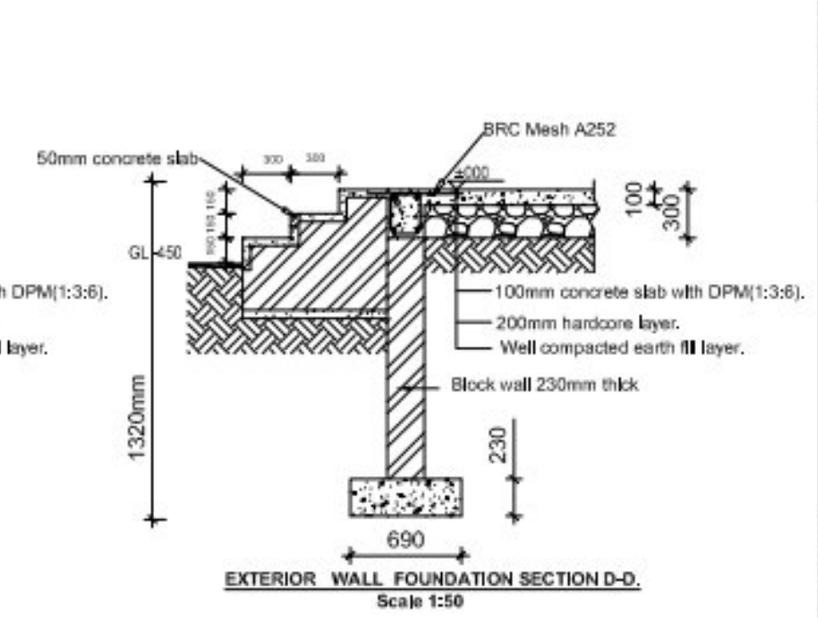
EXTERIOR WALL FOUNDATION SECTION A-A.
Scale 1:50



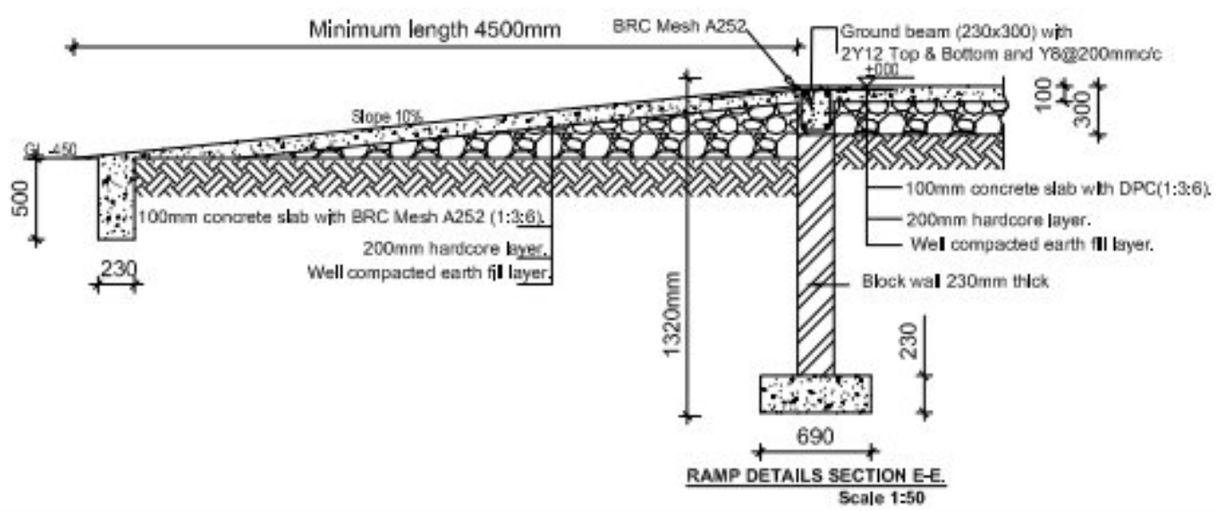
INTERIOR WALL FOUNDATION SECTION B-B.
Scale 1:50



INTERIOR WALL FOUNDATION SECTION C-C.
Scale 1:50



EXTERIOR WALL FOUNDATION SECTION D-D.
Scale 1:50



RAMP DETAILS SECTION E-E.
Scale 1:50

NOTE:

1. All dimensions are in millimetres unless otherswise stated, In case of discrepancy, consult the Structural Engineer.
2. All structural engineering drawings should be read in conjunction with relevant architectural drawings.
3. All Reinforced concrete shall be Grade 20 - Nominal volumetric proportion 1: 2: 4 cube strength not less than 20N/mm² at 28 days.
4. Steel for reinforced concrete shall comply with BS4449 whereby fy = 460N/mm².
5. Bars lap length should be at least 50 times the diameter of the bars lapped.
6. Structural Engineer shall be furnished with copies of the manufacturers certificates of tests for the steel reinforcement to be used.
7. Cement for works shall comply with BS12 and shall be "Ordinary Portland Cement"
8. Clear cover for reinforcement shall be as follows:
   - Slabs 25mm
   - Beams 25mm
   - Columns 25mm
   - Footings.....50mm
7. All concrete work to be done in one operation.
8. All steel fixing, shuttering and concreting works to be done under close supervision of Structural Engineer.
9. Sand borrow pits shall be clean and free from organic materials and shall be approved by Structural Engineers before use.
10. Minimum Compressive Strength for Blocks shall be 3.5N/mm².

PROJECT:
PROPOSED STANDARD DRAWINGS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

IN COLLABORATION WITH

PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT.

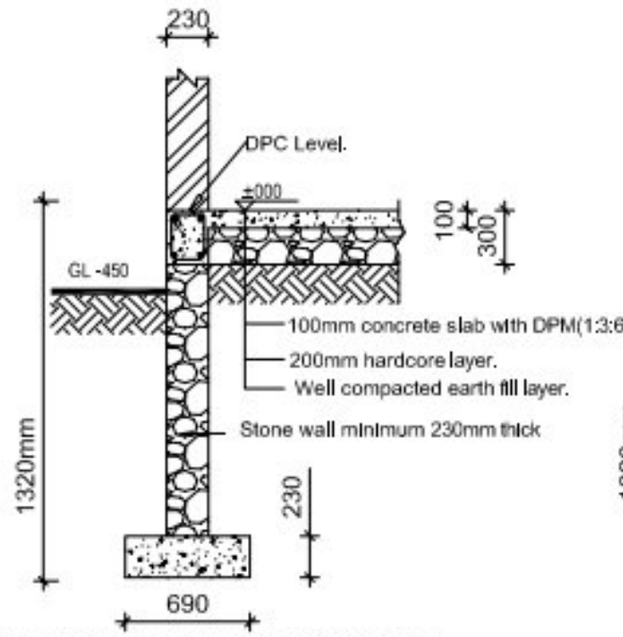
Designed by: Eng. J.M.S
Checked by: Eng. R.A.M
Approved by:

DRAWING TITLE:
PROPOSED COMPUTER BLOCK

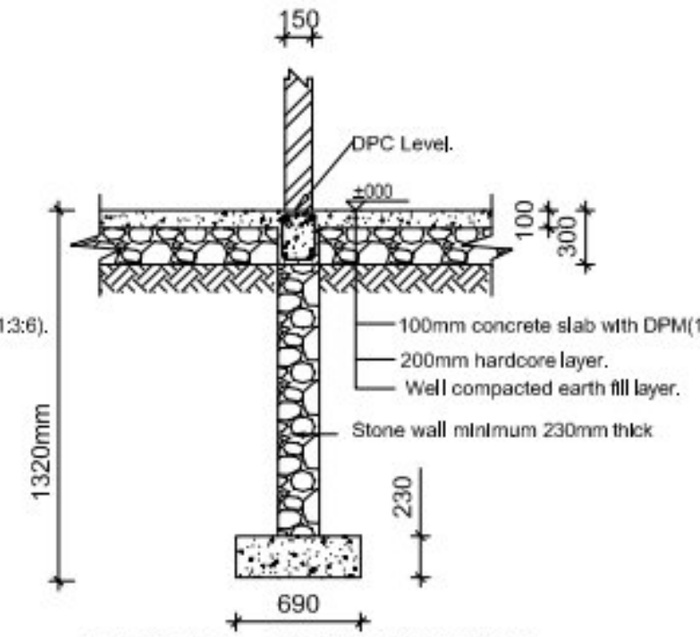
FOUNDATION LAYOUT PLAN AND SECTION DETAILS
(REVISED - 1)

DRAWING USE:
For Building permit: ☐
For Construction: ☑

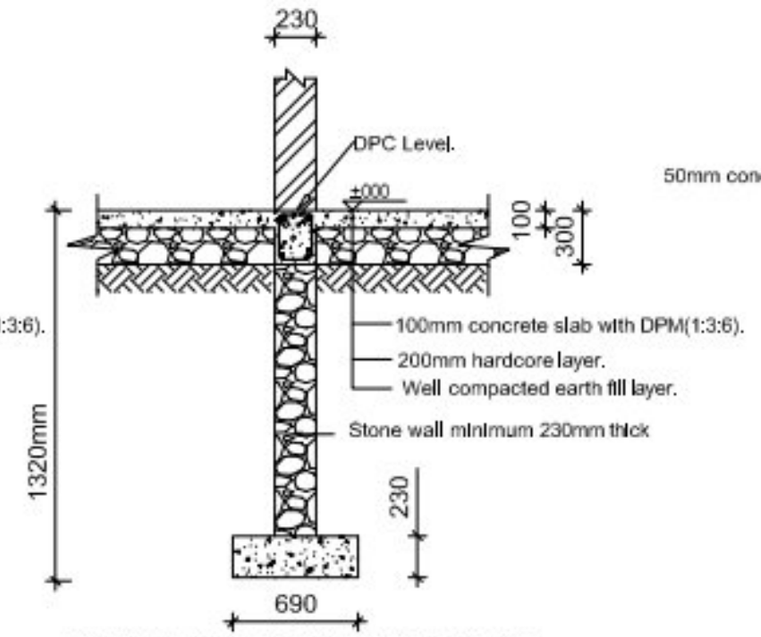
Drawn by:	J.M.S
Date: June 2023	Scale:
Drawing No:STR.CML	Sheet: 01/09



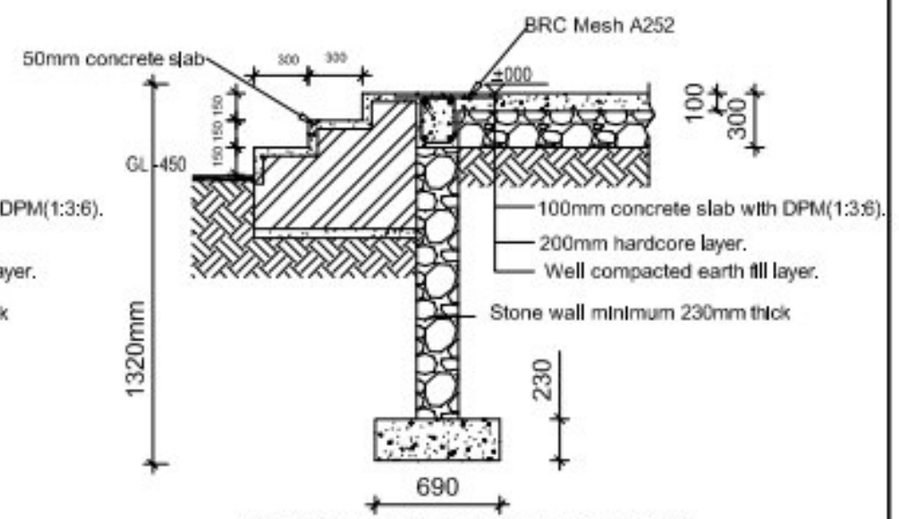
EXTERIOR WALL FOUNDATION SECTION A-A.
Scale 1:50



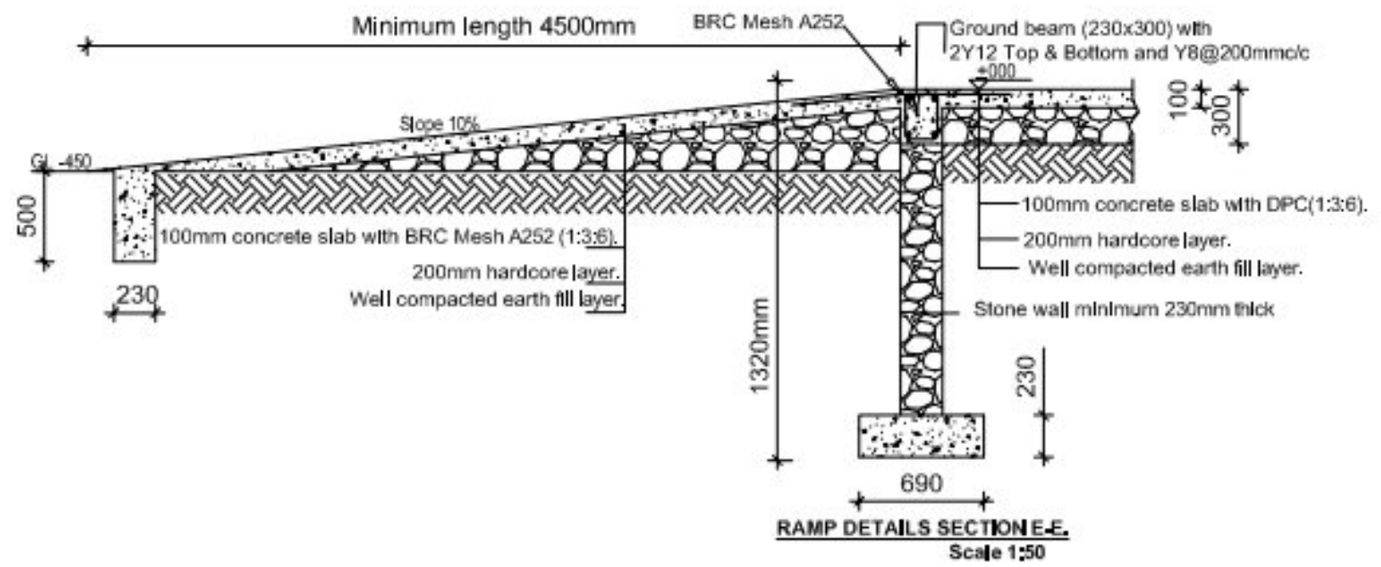
INTERIOR WALL FOUNDATION SECTION B-B.
Scale 1:50



INTERIOR WALL FOUNDATION SECTION C-C.
Scale 1:50



EXTERIOR WALL FOUNDATION SECTION D-D.
Scale 1:50



RAMP DETAILS SECTION E-E.
Scale 1:50

NOTE:

1. All dimensions are in millimetres unless otherswise stated, In case of discrepancy, consult the Structural Engineer.
2. All structural engineering drawings should be read in conjunction with relevant architectural drawings.
3. All Reinforced concrete shall be Grade 20 - Nominal volumetric proportion 1: 2: 4 cube strength not less than 20N/mm² at 28 days.
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5. Bars lap length should be at least 50 times the diameter of the bars lapped.
6. Structural Engineer shall be furnished with copies of the manufacturers certificates of tests for the steel reinforcement to be used.
7. Cement for works shall comply with BS12 and shall be "Ordinary Portland Cement"
8. Clear cover for reinforcement shall be as follows:
   - Slabs .....,,25mm
   - Beams 25mm
   - Columns .....,25mm
   - Footings.....50mm
7. All concrete work to be done in one operation.
8. All steel fixing, shuttering and concreting works to be done under close supervision of Structural Engineer.
9. Sand borrow pits shall be clean and free from organic materials and shall be approved by Structural Engineers before use.
10. Minimum Compressive Strength for Blocks shall be 3.5N/mm².

PROJECT:
PROPOSED STANDARD DRAWINGS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

IN COLLABORATION WITH

PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT.

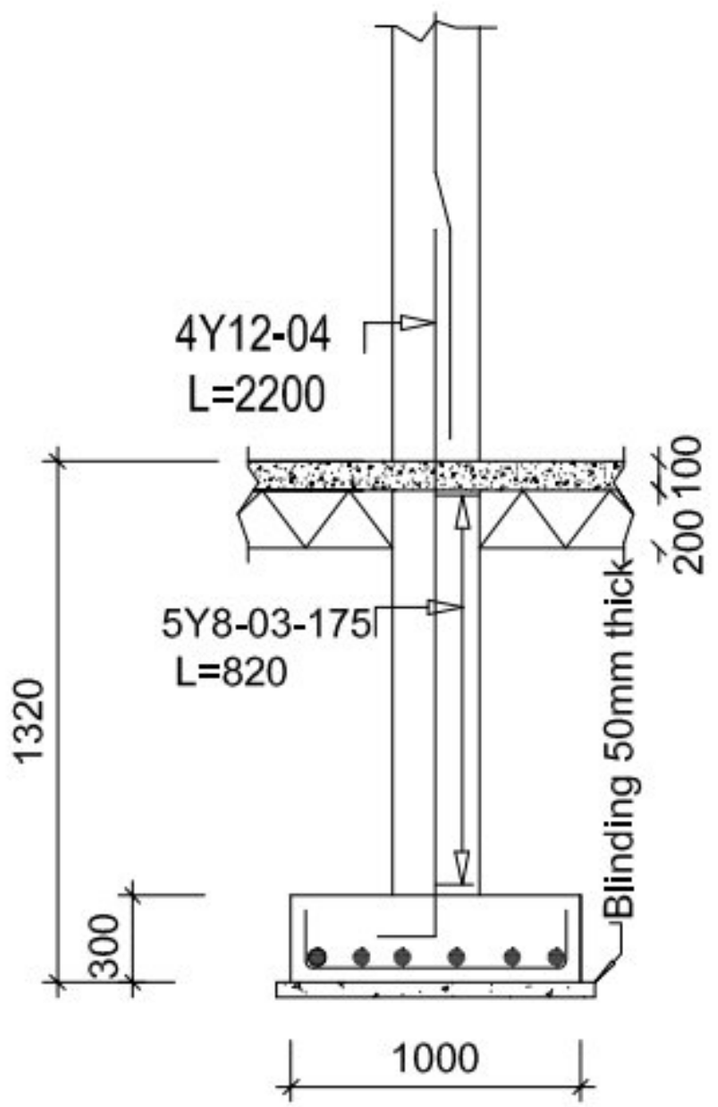
Designed by: Eng. J.M.S
Checked by: Eng. R.A.M
Approved by:

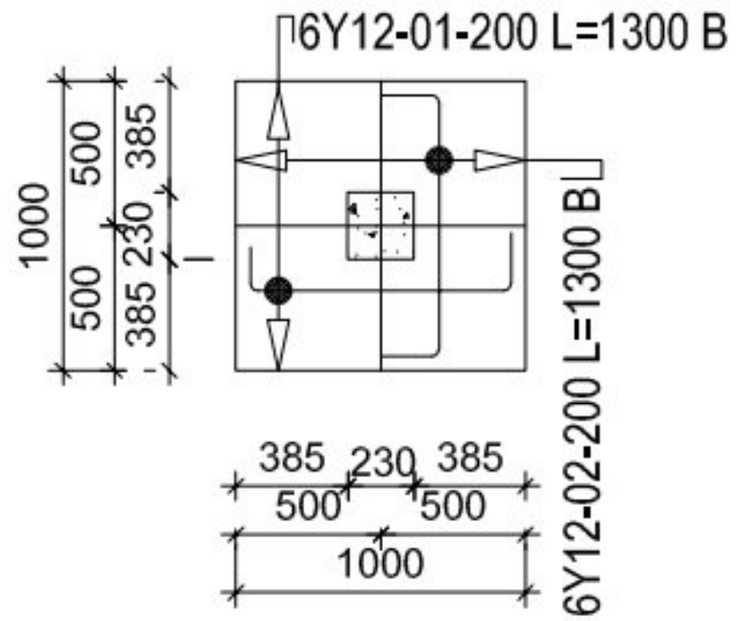
DRAWING TITLE:
PROPOSED COMPUTER BLOCK

FOUNDATION SECTION DETAILS (STONE WALLS)
(**REVISED - 1**)

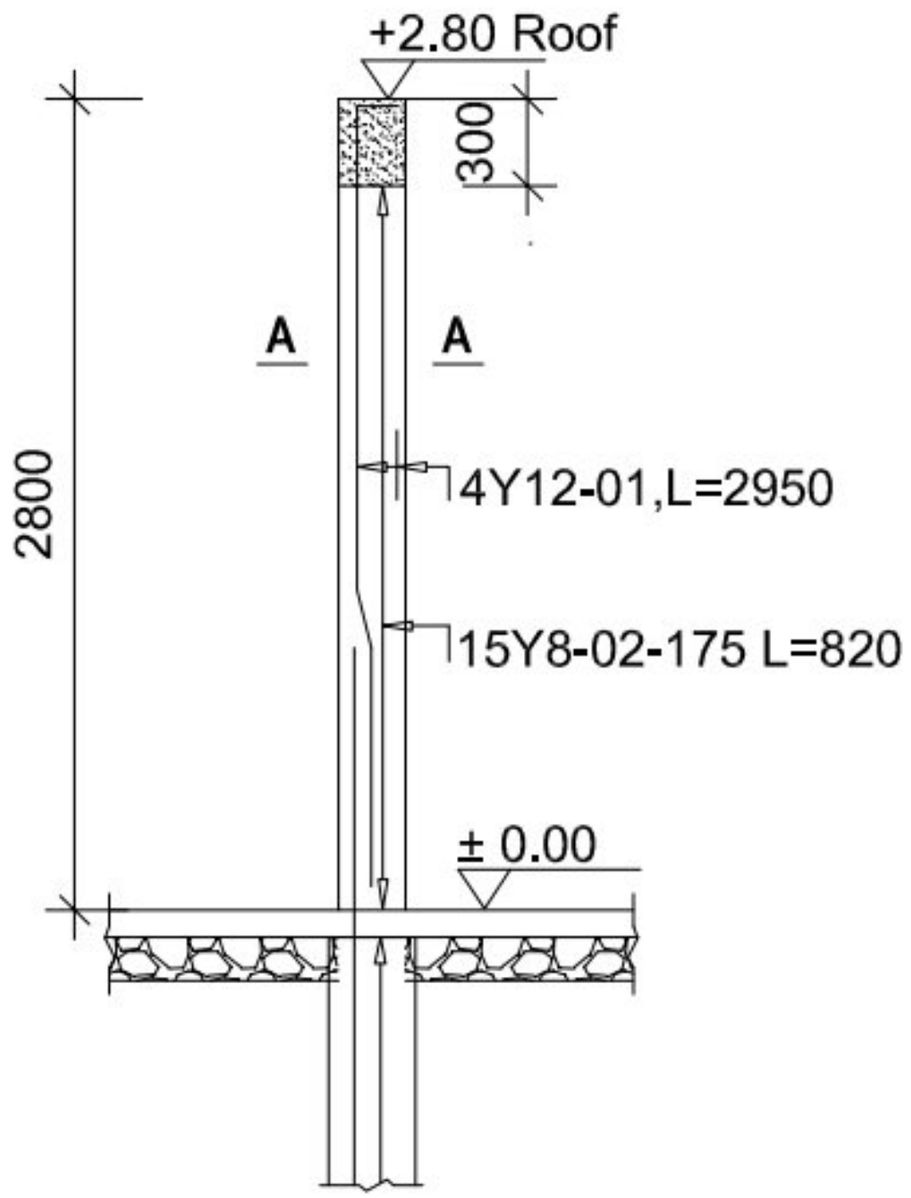
DRAWING USE:
For Building permit: ☐
For Construction: ☑

Drawn by: J.M.S	
Date: June 2023	Scale:
Drawing No:STR.CML	Sheet: 02/09

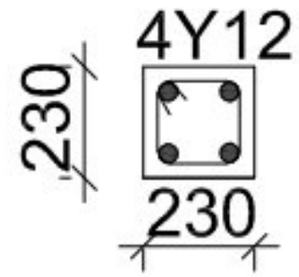




FOOTING F1 (1000x1000x300) 6Nos.
Scale 1:50



COLUMN C1(230 x 230), 6Nos
Scale 1:100



Section A - A
Scale 1:50

NOTE:

1. All dimensions are in millimetres unless otherswise stated. In case of discrepancy, consult the Structural Engineer.
2. All structural engineering drawings should be read in conjunction with relevant architectural drawings.
3. All Reinforced concrete shall be Grade 20 - Nominal volumetric proportion 1: 2: 4 cube strength not less than 20N/mm² at 28 days.
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6. Structural Engineer shall be furnished with copies of the manufacturers certificates of tests for the steel reinforcement to be used,
7. Cement for works shall comply with BS12 and shall be "Ordinary Portland Cement"
8. Clear cover for reinforcement shall be as follows:
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   - Beams 25mm
   - Columns 25mm
   - Footings.....50mm
7. All concrete work to be done in one operation.
8. All steel fixing, shuttering and concreting works to be done under close supervision of Structural Engineer.
9. Sand borrow pits shall be clean and free from organic materials and shall be approved by Structural Engineers before use,
10. Minimum Compressive Strength for Blocks shall be 3.5N/mm².

PROJECT:

PROPOSED STANDARD DRAWINGS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

IN COLLABORATION WITH

PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT.

Designed by: Eng. J.M.S
Checked by: Eng. R.A.M
Approved by:

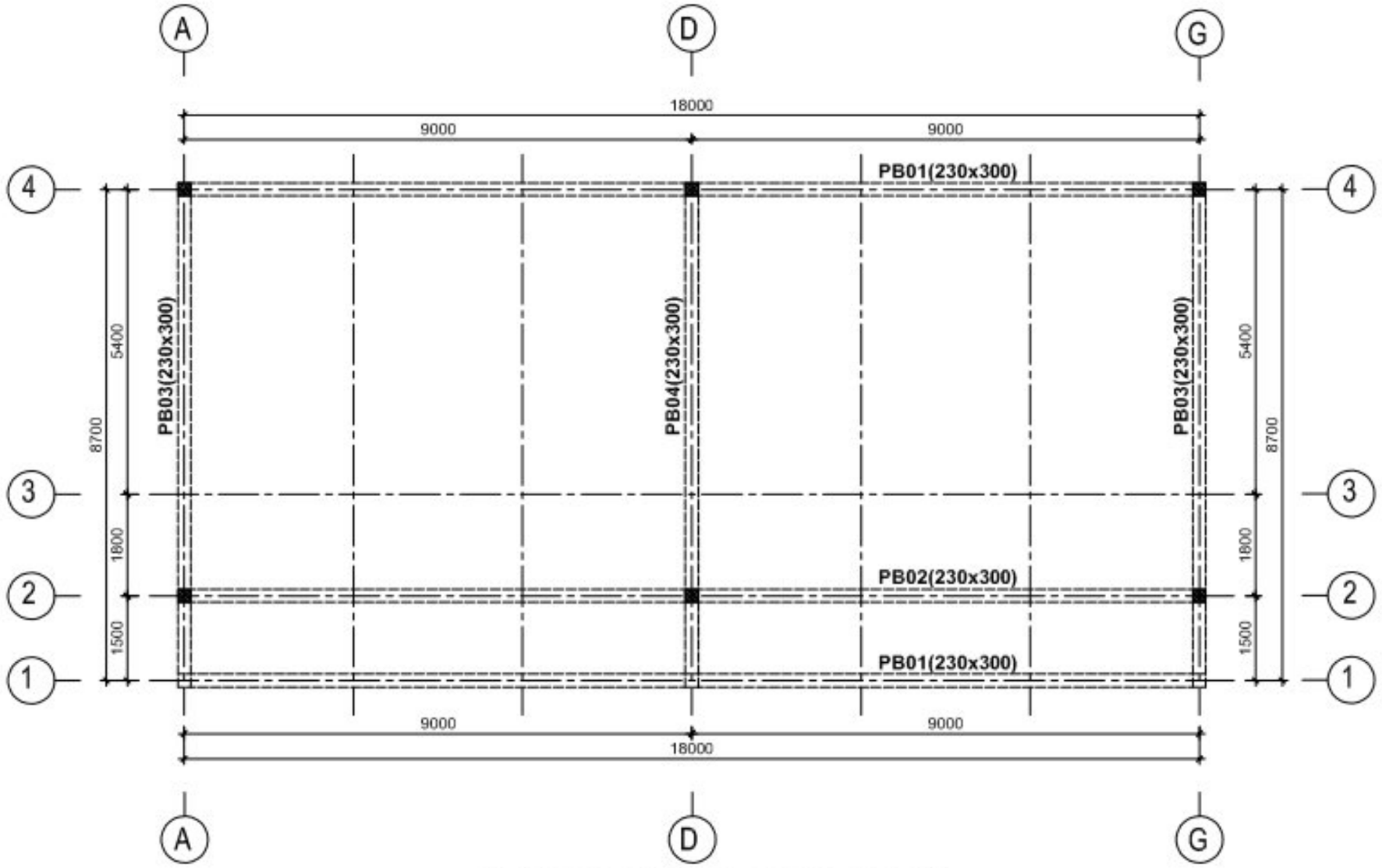
DRAWING TITLE:

PROPOSED COMPUTER BLOCK

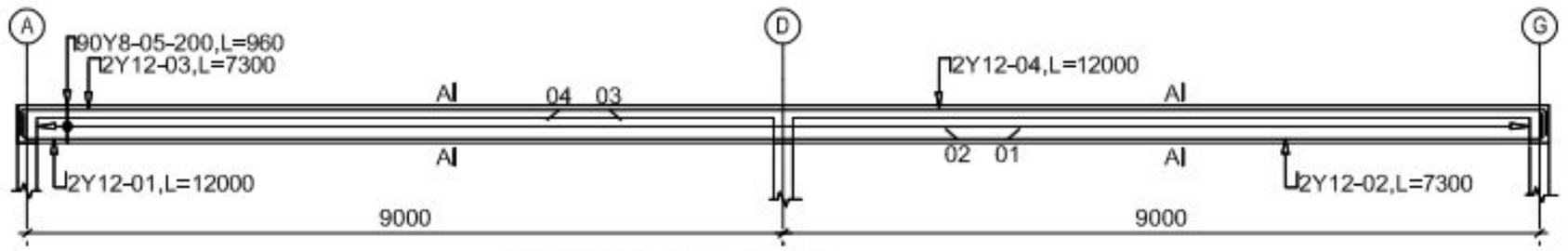
COLUMN FOOTINGS AND COLUMNS DETAILS
(REVISED - 1)

DRAWING USE:
For Building permit: ☐
For Construction: ☑

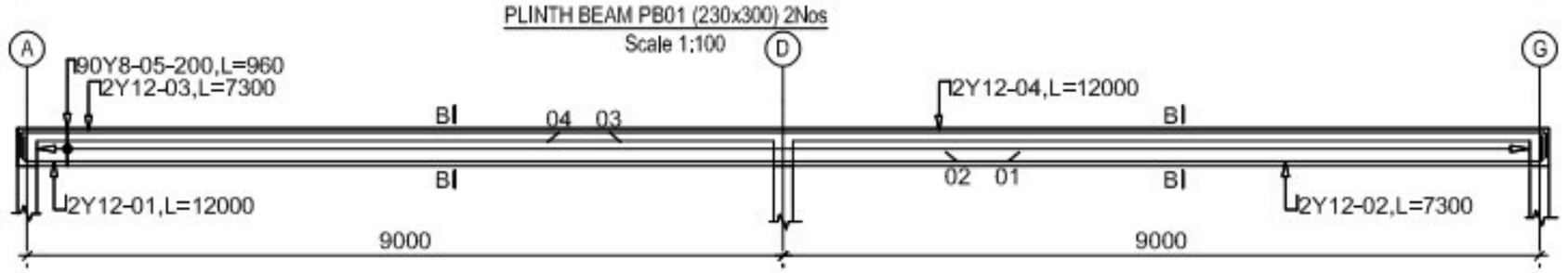
Drawn by: J.M.S	
Date: June 2023	Scale:
Drawing No:STR.CML	Sheet: 03/09



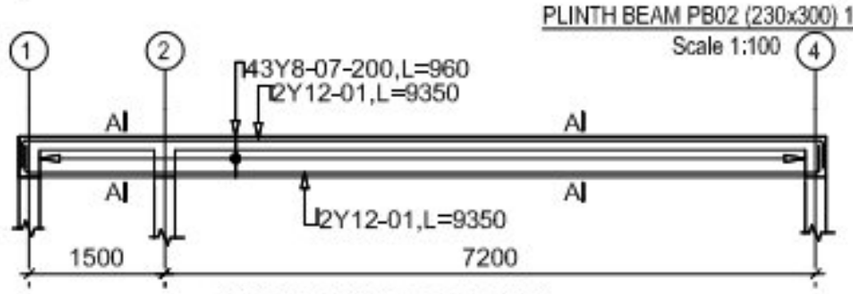
PLINTH BEAMS LAYOUT PLAN
Scale 1:100



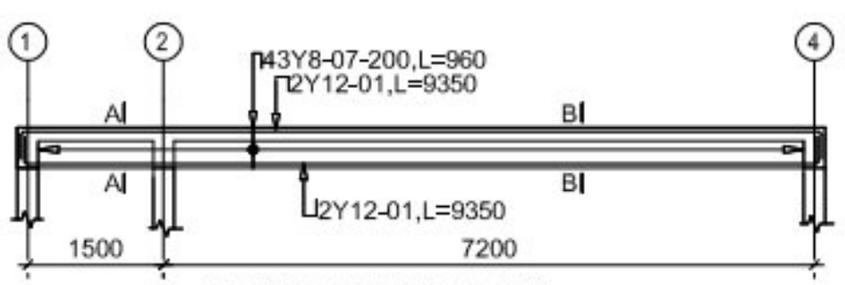
PLINTH BEAM PB01 (230x300) 2Nos
Scale 1:100



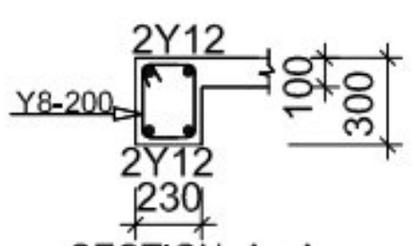
PLINTH BEAM PB02 (230x300) 1Nos
Scale 1:100



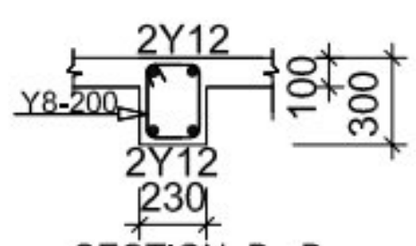
PLINTH BEAM PB03 (230x300) 2Nos
Scale 1:100



PLINTH BEAM PB04 (230x300) 1Nos
Scale 1:100



SECTION A - A
Scale 1:50



SECTION B - B
Scale 1:50

NOTE:

1. All dimensions are in millimetres unless otherswise stated. In case of discrepancy, consult the Structural Engineer.
2. All structural engineering drawings should be read in conjunction with relevant architectural drawings.
3. All Reinforced concrete shall be Grade 20 - Nominal volumetric proportion 1: 2: 4 cube strength not less than 20N/mm² at 28 days.
4. Steel for reinforced concrete shall comply with BS4449 whereby fy = 460N/mm².
5. Bars lap length should be at least 50 times the diameter of the bars lapped.
6. Structural Engineer shall be furnished with copies of the manufacturers certificates of tests for the steel reinforcement to be used.
7. Cement for works shall comply with BS12 and shall be "Ordinary Portland Cement"
8. Clear cover for reinforcement shall be as follows:
   - Slabs 25mm
   - Beams 25mm
   - Columns 25mm
   - Footings.....50mm
7. All concrete work to be done in one operation.
8. All steel fixing, shuttering and concreting works to be done under close supervision of Structural Engineer.
9. Sand borrow pits shall be clean and free from organic materials and shall be approved by Structural Engineers before use.
10. Minimum Compressive Strength for Blocks shall be 3.5N/mm².

PROJECT:
PROPOSED STANDARD DRAWINGS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

IN COLLABORATION WITH

PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT.

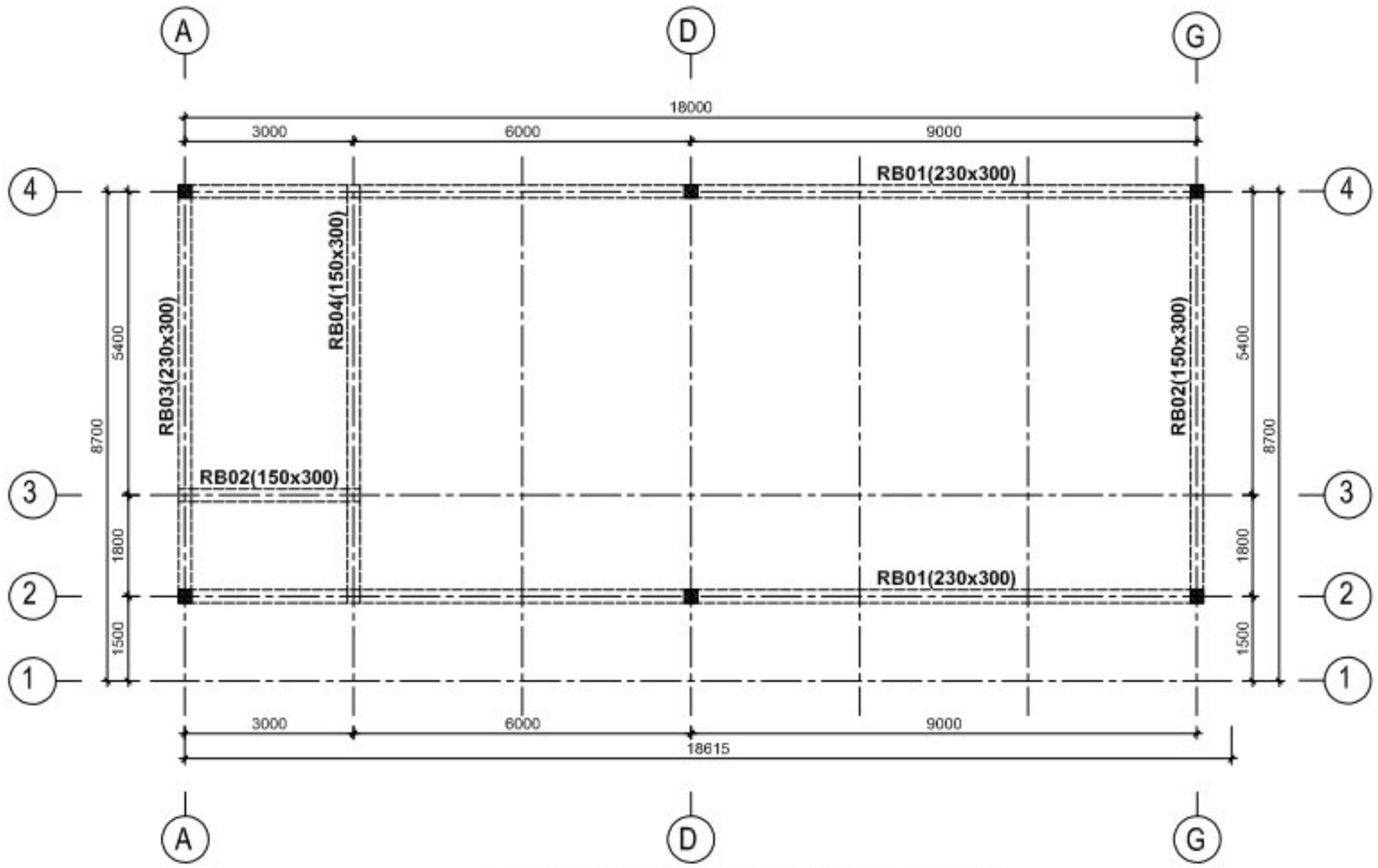
Designed by: Eng. J.M.S
Checked by: Eng. R.A.M
Approved by:

DRAWING TITLE:
PROPOSED COMPUTER BLOCK

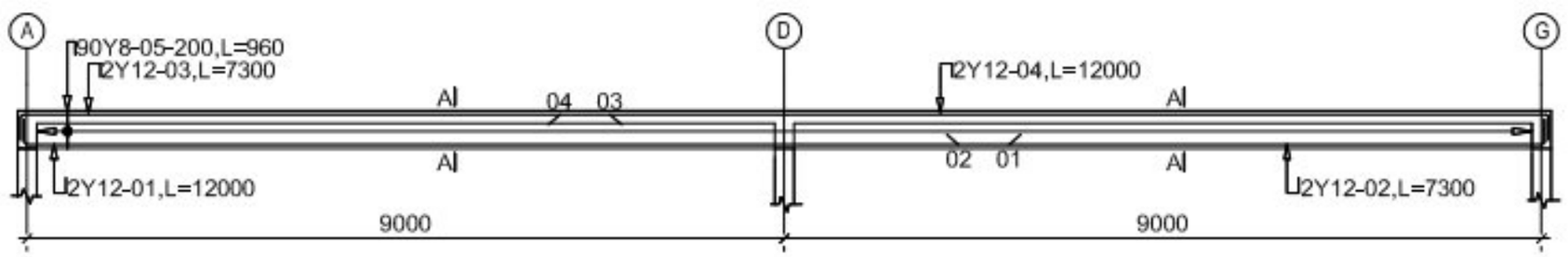
PLINTH BEAMS LAYOUT PLAN AND SECTION DETAILS
(REVISED - 1)

DRAWING USE:
For Building permit: ☐
For Construction: ☑

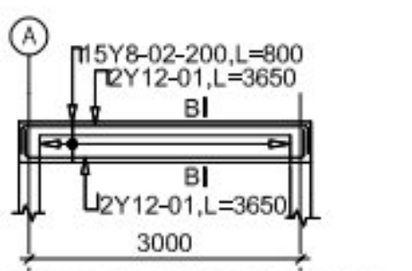
Drawn by:	J.M.S
Date: June 2023	Scale:
Drawing No:STR.CML	Sheet: 04/09



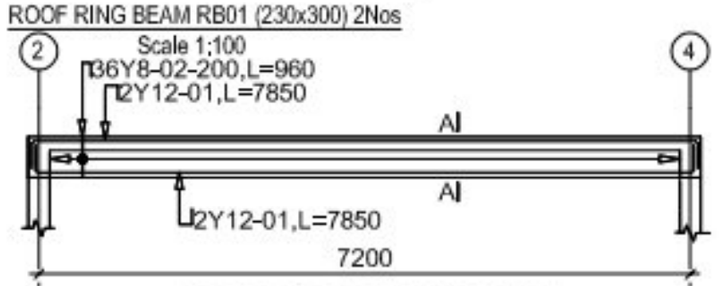
ROOF RING BEAMS LAYOUT PLAN
Scale 1:100



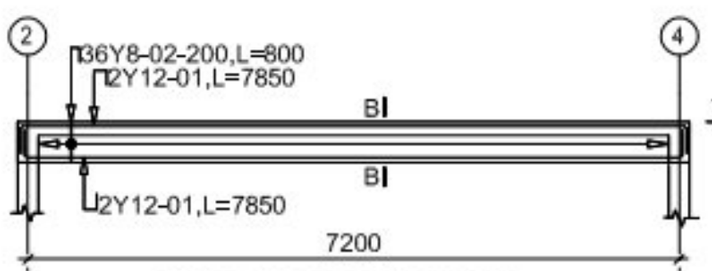
ROOF RING BEAM RB01 (230x300) 2Nos
Scale 1:100



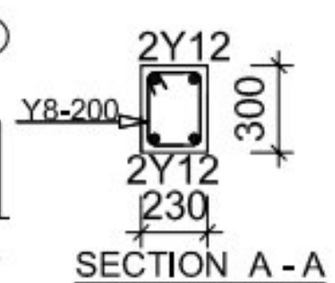
ROOF RING BEAM RB02 (150x300) 1Nos
Scale 1:100



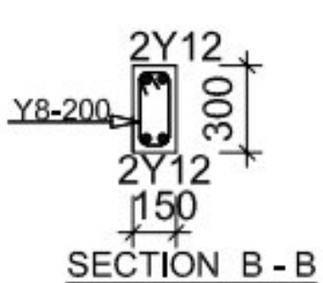
ROOF RING BEAM RB03 (230x300) 2Nos
Scale 1:100



ROOF RING BEAM RB04 (150x300) 1Nos
Scale 1:100



SECTION A - A
Scale 1:50



SECTION B - B
Scale 1:50

NOTE:

1. All dimensions are in millimetres unless otherswise stated. In case of discrepancy, consult the Structural Engineer.
2. All structural engineering drawings should be read in conjunction with relevant architectural drawings.
3. All Reinforced concrete shall be Grade 20 - Nominal volumetric proportion 1: 2: 4 cube strength not less than 20N/mm² at 28 days.
4. Steel for reinforced concrete shall comply with BS4449 whereby fy = 460N/mm².
5. Bars lap length should be at least 50 times the diameter of the bars lapped.
6. Structural Engineer shall be furnished with copies of the manufacturers certificates of tests for the steel reinforcement to be used.
7. Cement for works shall comply with BS12 and shall be "Ordinary Portland Cement"
8. Clear cover for reinforcement shall be as follows:
   - Slabs 25mm
   - Beams 25mm
   - Columns 25mm
   - Footings.....50mm
7. All concrete work to be done in one operation.
8. All steel fixing, shuttering and concreting works to be done under close supervision of Structural Engineer.
9. Sand borrow pits shall be clean and free from organic materials and shall be approved by Structural Engineers before use.
10. Minimum Compressive Strength for Blocks shall be 3,5N/mm².

PROJECT:
PROPOSED STANDARD DRAWINGS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

IN COLLABORATION WITH

PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT.

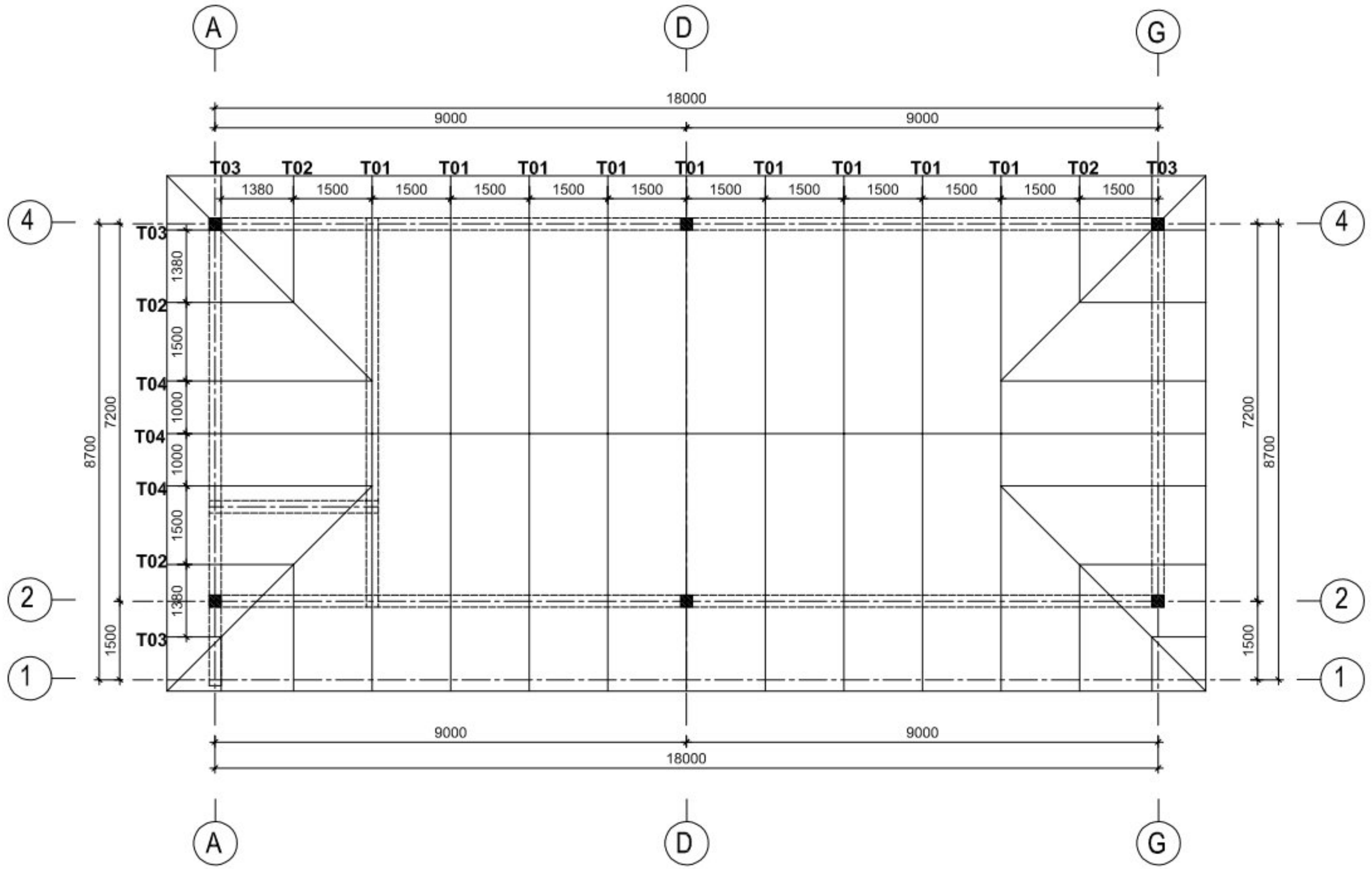
Designed by: Eng. J.M.S
Checked by: Eng. R.A.M
Approved by:

DRAWING TITLE:
PROPOSED COMPUTER BLOCK

ROOF RINGS BEAMS LAYOUT PLAN AND SECTION DETAILS
(**REVISED - 1**)

DRAWING USE:
For Building permit: ☐
For Construction: ☑

Drawn by: J.M.S	
Date: June 2023	Scale:
Drawing No:STR.CML	Sheet: 05/09



ROOF TRUSS LAYOUT PLAN

Scale 1:100

NOTE:

1. All dimensions are in millimetres unless otherswise stated, In case of discrepancy, consult the Structural Engineer.
2. All structural engineering drawings should be read in conjunction with relevant architectural drawings.
3. All Reinforced concrete shall be Grade 20 - Nominal volumetric proportion 1: 2: 4 cube strength not less than 20N/mm² at 28 days.
4. Steel for reinforced concrete shall comply with BS4449 whereby fy = 460N/mm².
5. Bars lap length should be at least 50 times the diameter of the bars lapped.
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   - Columns 25mm
   - Footings.....50mm
7. All concrete work to be done in one operation.
8. All steel fixing, shuttering and concreting works to be done under close supervision of Structural Engineer.
9. Sand borrow pits shall be clean and free from organic materials and shall be approved by Structural Engineers before use.
10. Minimum Compressive Strength for Blocks shall be 3.5N/mm².

PROJECT:

PROPOSED STANDARD DRAWINGS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

IN COLLABORATION WITH

PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT.

Designed by: Eng. J.M.S
Checked by: Eng. R.A.M
Approved by:

DRAWING TITLE:

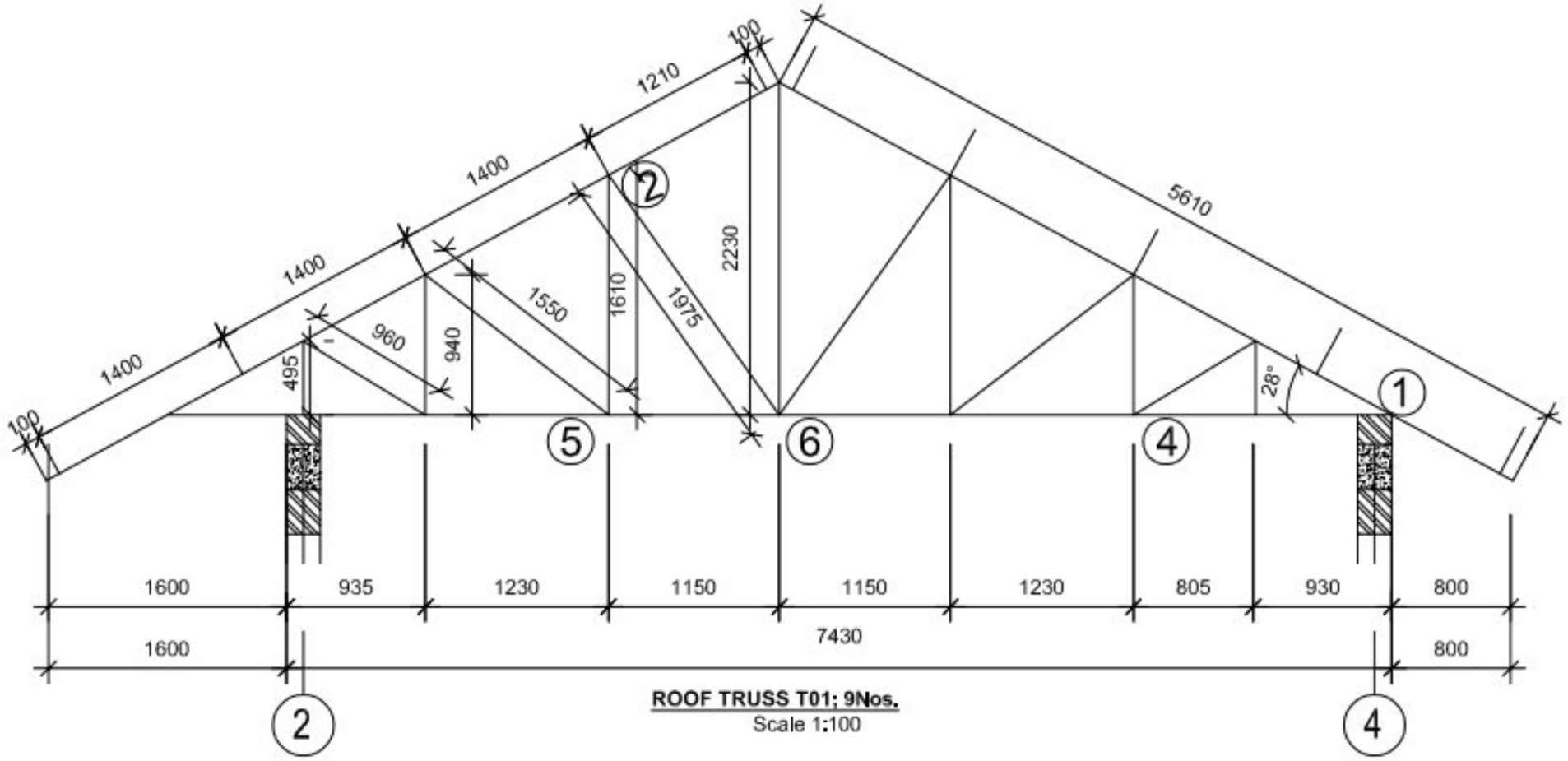
PROPOSED COMPUTER BLOCK

ROOF TRUSS LAYOUT PLAN

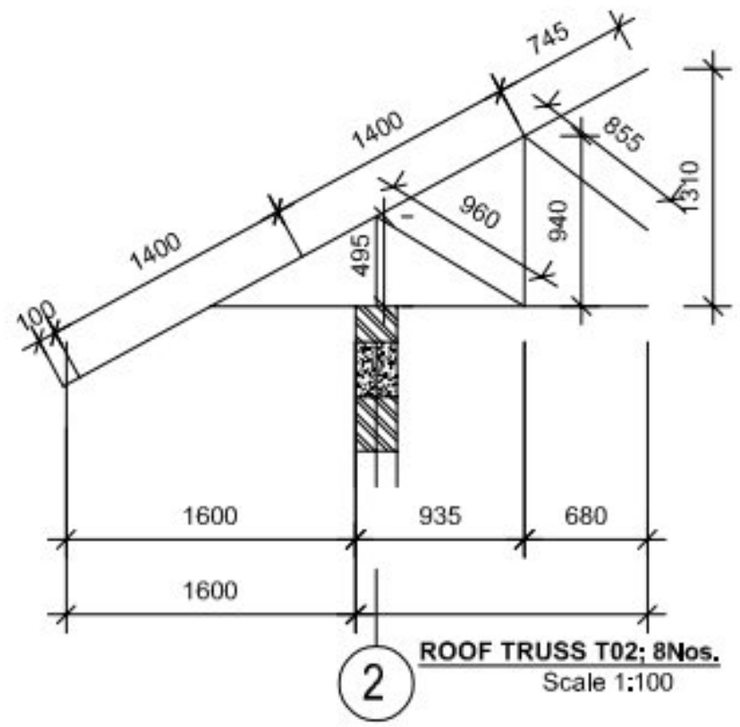
(**REVISED - 1**)

DRAWING USE:
For Building permit: ☐
For Construction: ☑

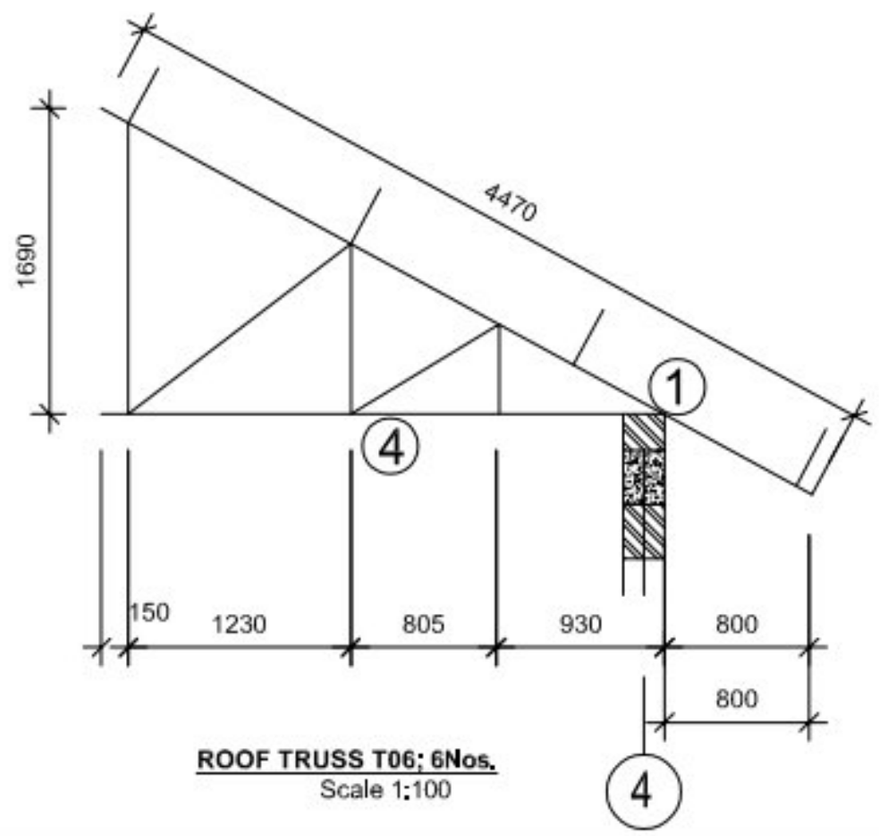
Drawn by: J.M.S	
Date: June 2023	Scale:
Drawing No:STR.CML	Sheet: 06/09



ROOF TRUSS T01; 9Nos.
Scale 1:100



ROOF TRUSS T02; 8Nos.
Scale 1:100



ROOF TRUSS T06; 6Nos.
Scale 1:100

NOTE:

1. All dimensions are in millimetres unless otherswise stated. In case of discrepancy, consult the Structural Engineer.
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3. All Reinforced concrete shall be Grade 20 - Nominal volumetric proportion 1: 2: 4 cube strength not less than 20N/mm² at 28 days.
4. Steel for reinforced concrete shall comply with BS4449 whereby fy = 460N/mm².
5. Bars lap length should be at least 50 times the diameter of the bars lapped.
6. Structural Engineer shall be furnished with copies of the manufacturers certificates of tests for the steel reinforcement to be used.
7. Cement for works shall comply with BS12 and shall be "Ordinary Portland Cement"
8. Clear cover for reinforcement shall be as follows:
   - Slabs 25mm
   - Beams 25mm
   - Columns 25mm
   - Footings.....50mm
7. All concrete work to be done in one operation.
8. All steel fixing, shuttering and concreting works to be done under close supervision of Structural Engineer.
9. Sand borrow pits shall be clean and free from organic materials and shall be approved by Structural Engineers before use.
10. Minimum Compressive Strength for Blocks shall be 3.5N/mm².

PROJECT:

PROPOSED STANDARD DRAWINGS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

IN COLLABORATION WITH

PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT.

Designed by: Eng. J.M.S
Checked by: Eng. R.A.M
Approved by:

DRAWING TITLE:

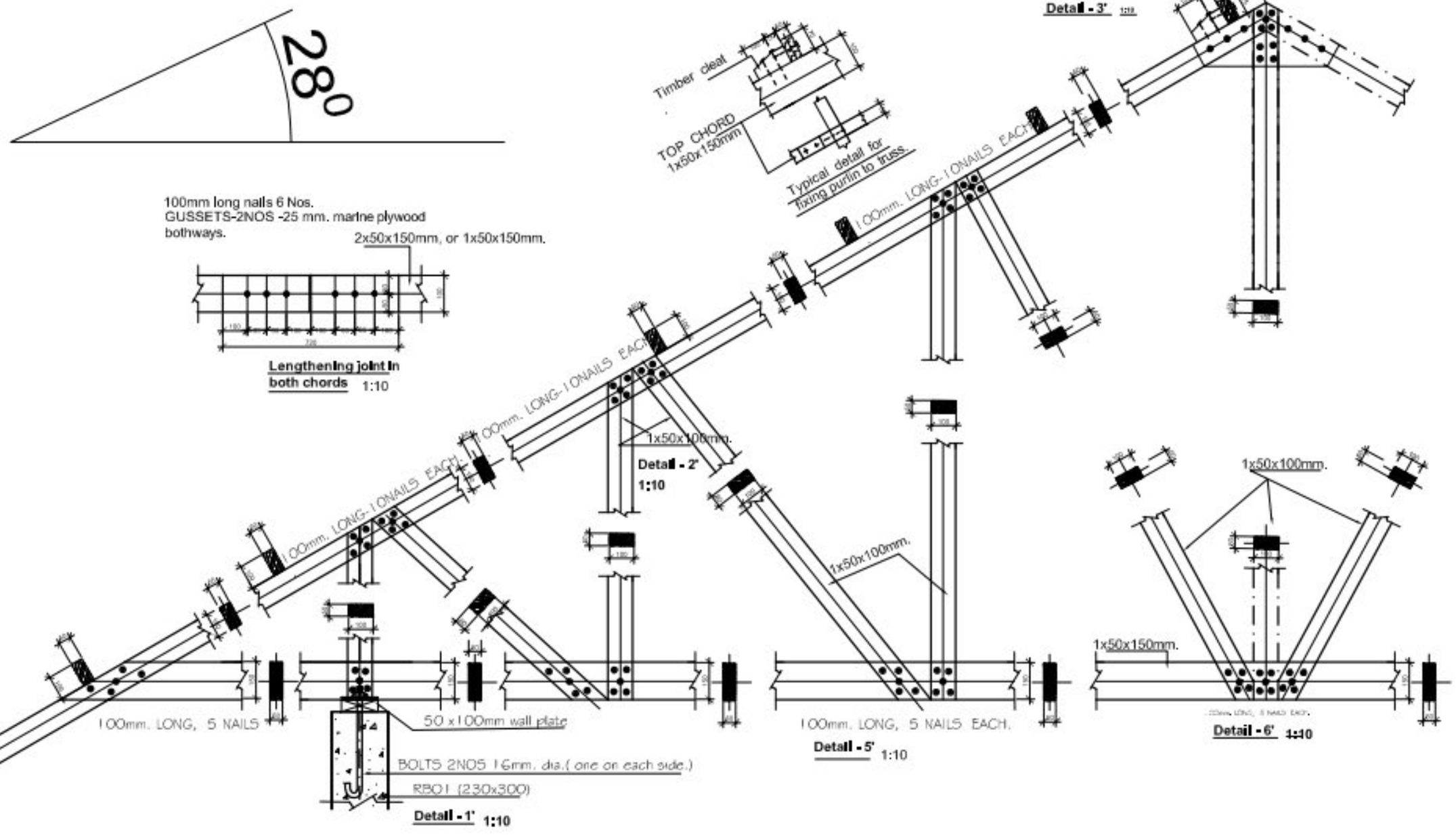
PROPOSED COMPUTER BLOCK

ROOF TRUSS DETAILS

(**REVISED - 1**)

DRAWING USE:
For Building permit: ☐
For Construction: ☑

Drawn by: J.M.S	
Date: June 2023	Scale:
Drawing No:STR.CML	Sheet: 07/09



TYPICAL TRUSS CONNECTIONS DETAIL

NOTE:

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8. All steel fixing, shuttering and concreting works to be done under close supervision of Structural Engineer.
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PROJECT:

PROPOSED STANDARD DRAWINGS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

IN COLLABORATION WITH

PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT.

Designed by: Eng. J.M.S
Checked by: Eng. R.A.M
Approved by:

DRAWING TITLE:

PROPOSED COMPUTER BLOCK

ROOF TRUSS
CONNECTION DETAILS
(**REVISED - 1**)

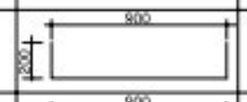
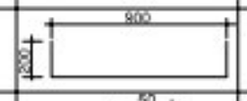
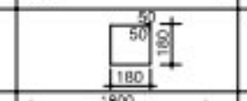
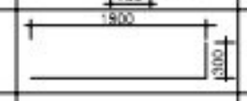
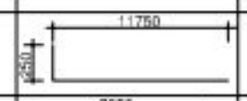
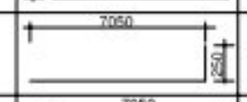
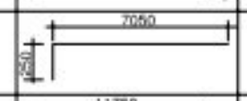
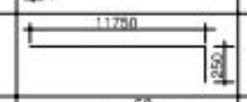
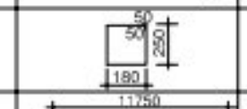
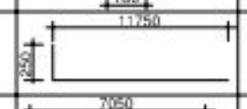
DRAWING USE:
For Building permit: ☐
For Construction: ☑

Drawn by: J.M.S	
Date: June 2023	Scale:
Drawing No:STR.CML	Sheet: 08/09

Page 1/2

Bar Bending Schedule

PROPOSED STANDARD DRAWINGS FOR SEQUIP - COMPUTER BLOCK - HIPPED (PLINTH BEAMS)

MEMBER TYPE	NUMBER OF MEMBER.	MARK No.	BAR TYPE AND SIZE (mm)	LENGTH OF EACH BAR (mm)	NO. OF BARS	TOTAL LENGTH (m)	SKETCH OF BAR DIMENSIONS IN (mm)	NOTE
COLUMN FOOTING F01	6	01	Y12	1300	36	46.8		
COLUMN FOOTING F01	6	02	Y12	1300	36	46.8		
COLUMN FOOTING F01	6	03	Y8	820	30	24.6		
COLUMN FOOTING F01	6	04	Y12	2200	24	52.8		
PLINTH BEAM PB01	2	01	Y12	12000	4	48		
PLINTH BEAM PB01	2	02	Y12	7300	4	29.2		
PLINTH BEAM PB01	2	03	Y12	7300	4	29.2		
PLINTH BEAM PB01	2	04	Y12	12000	4	48		
PLINTH BEAM PB01	2	05	Y8	960	180	172.8		
PLINTH BEAM PB02	1	01	Y12	12000	2	24		
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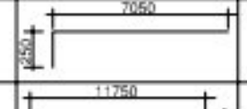
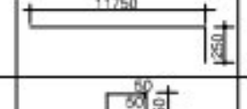
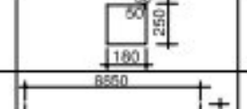
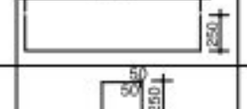
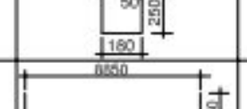
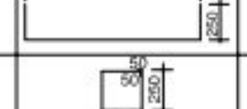
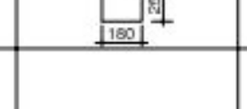
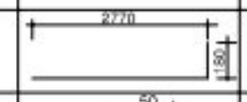
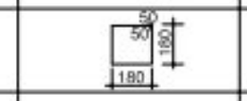
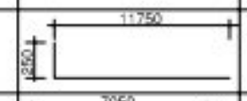
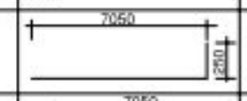
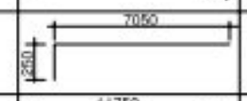
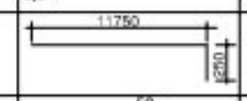
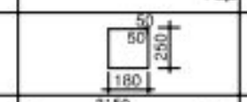
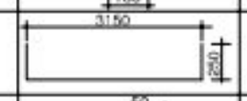
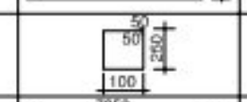
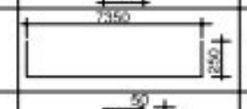
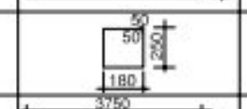
PLINTH BEAM PB02	1	03	Y12	7300	2	14.6		
PLINTH BEAM PB02	1	04	Y12	12000	2	24		
PLINTH BEAM PB02	1	05	Y8	960	90	86.4		
PLINTH BEAM PB03	2	01	Y12	9350	8	74.8		
PLINTH BEAM PB03	2	02	Y8	960	86	82.56		
PLINTH BEAM PB04	1	01	Y12	9350	4	37.4		
PLINTH BEAM PB04	1	02	Y8	960	43	41.28		

Page 2/2

Bar Bending Schedule

PROPOSED STANDARD DRAWINGS FOR SEQUIP - COMPUTER BLOCK - HIPPED (ROOF RING BEAMS)

MEMBER TYPE	NUMBER OF MEMBER.	MARK No.	BAR TYPE AND SIZE (mm)	LENGTH OF EACH BAR (mm)	NO. OF BARS	TOTAL LENGTH (m)	SKETCH OF BAR DIMENSIONS IN (mm)	NOTE
COLUMN C01	6	01	Y12	2950	24	70.8		
COLUMN C01	6	02	Y8	820	90	24.6		
ROOF RING BEAM RB01	2	01	Y12	12000	4	48		
ROOF RING BEAM RB01	2	02	Y12	7300	4	29.2		
ROOF RING BEAM RB01	2	03	Y12	7300	4	29.2		
ROOF RING BEAM RB01	2	04	Y12	12000	4	48		
ROOF RING BEAM RB01	2	05	Y8	960	180	172.8		
ROOF RING BEAM RB02	1	01	Y12	3650	4	14.6		
ROOF RING BEAM RB02	1	02	Y8	800	15	12		
ROOF RING BEAM RB03	2	01	Y12	7850	8	62.8		
ROOF RING BEAM RB03	2	02	Y8	960	72	69.12		
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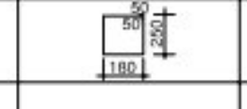
ROOF RING BEAM RB04	1	02	Y8	800	36	28.8		

NOTE:

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   - Footings.....50mm
7. All concrete work to be done in one operation.
8. All steel fixing, shuttering and concreting works to be done under close supervision of Structural Engineer.
9. Sand borrow pits shall be clean and free from organic materials and shall be approved by Structural Engineers before use.
10. Minimum Compressive Strength for Blocks shall be 3.5N/mm².

PROJECT:

PROPOSED STANDARD DRAWINGS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM

MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY

IN COLLABORATION WITH

PRESIDENT'S OFFICE
REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT.

Designed by: Eng. J.M.S
Checked by: Eng. R.A.M
Approved by:

DRAWING TITLE:

PROPOSED COMPUTER BLOCK

PLINTH BEAMS AND ROOF RING BEAMS BAR BENDING SCHEDULES (**REVISED - 1**)

DRAWING USE:
For Building permit: ☐
For Construction: ☑

Drawn by:	J.M.S
Date: June 2023	Scale:
Drawing No: STR.CML	Sheet: 09/09

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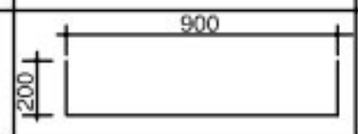
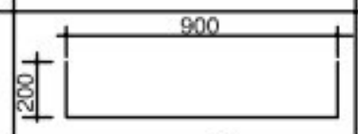
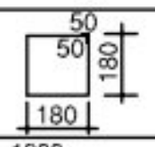
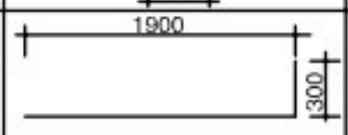
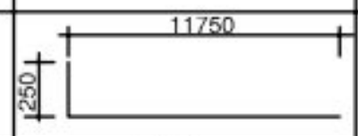
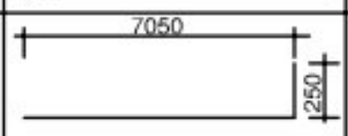
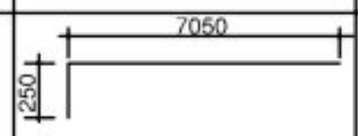
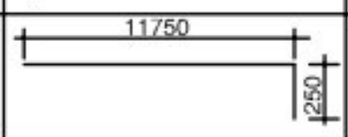
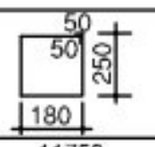
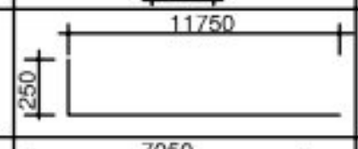
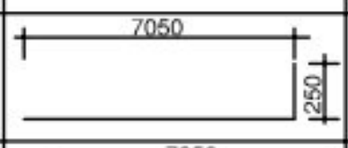
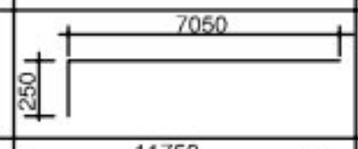
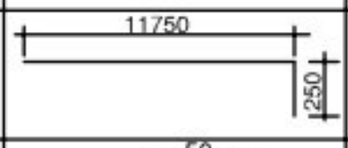
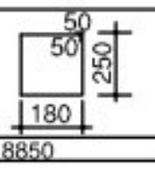
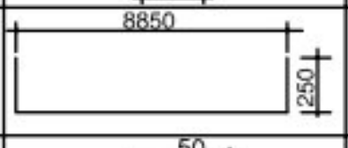
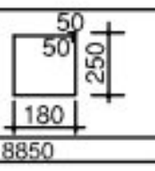
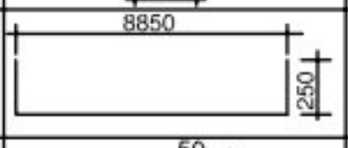
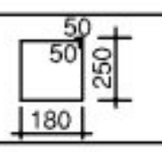
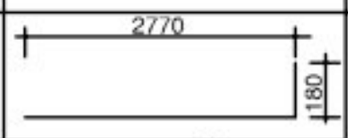
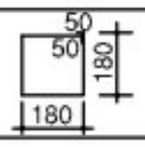
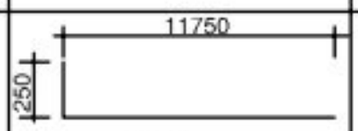
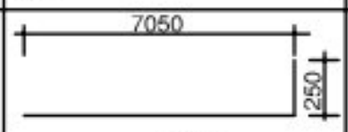
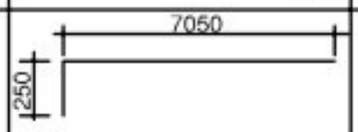
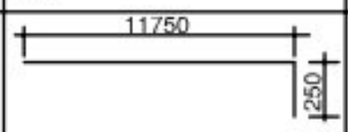
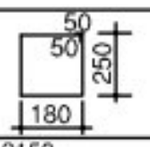
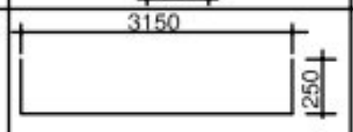
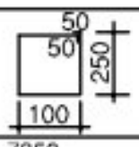
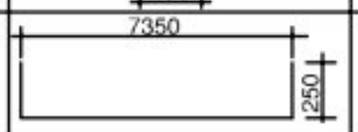
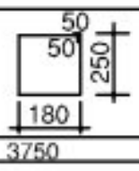
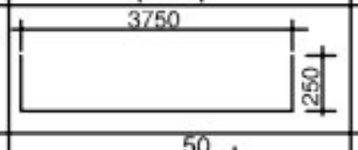
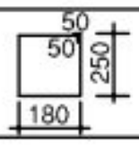
Bar Bending Schedule

PROPOSED STANDARD DRAWINGS FOR SEQUIP -
COMPUTER BLOCK - HIPPED
(PLINTH BEAMS)

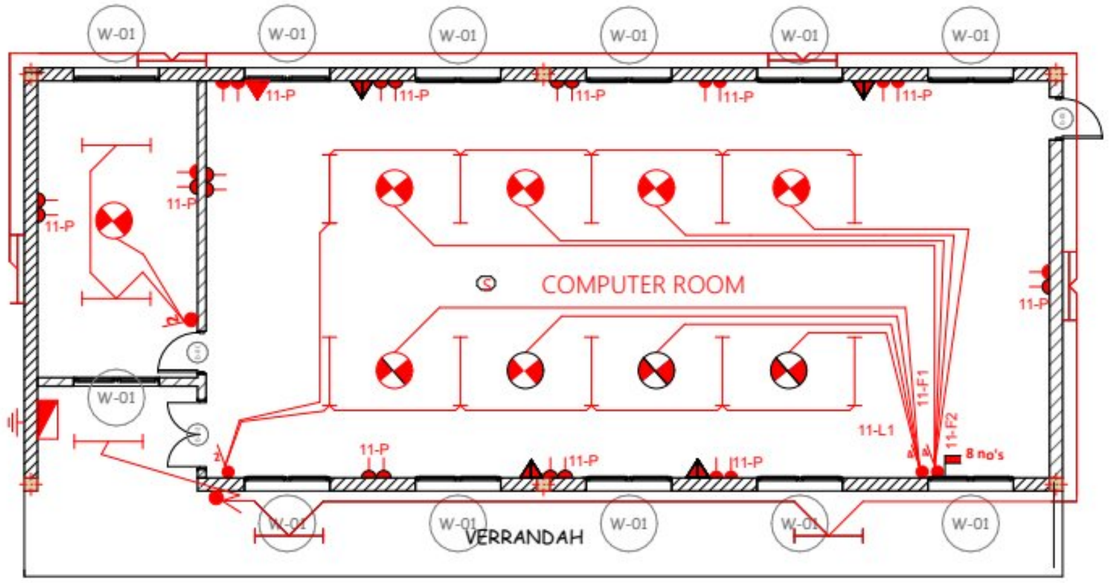
MEMBER TYPE	NUMBER OF MEMBER.	MARK No.	BAR TYPE AND SIZE (mm)	LENGTH OF EACH BAR (mm)	NO. OF BARS	TOTAL LENGTH (m)	SKETCH OF BAR DIMENSIONS IN (mm)	NOTE
COLUMN FOOTING F01	6	01	Y12	1300	36	46.8		
COLUMN FOOTING F01	6	02	Y12	1300	36	46.8		
COLUMN FOOTING F01	6	03	Y8	820	30	24.6		
COLUMN FOOTING F01	6	04	Y12	2200	24	52.8		
PLINTH BEAM PB01	2	01	Y12	12000	4	48		
PLINTH BEAM PB01	2	02	Y12	7300	4	29.2		
PLINTH BEAM PB01	2	03	Y12	7300	4	29.2		
PLINTH BEAM PB01	2	04	Y12	12000	4	48		
PLINTH BEAM PB01	2	05	Y8	960	180	172.8		
PLINTH BEAM PB02	1	01	Y12	12000	2	24		
PLINTH BEAM PB02	1	02	Y12	7300	2	14.6		
PLINTH BEAM PB02	1	03	Y12	7300	2	14.6		
PLINTH BEAM PB02	1	04	Y12	12000	2	24		
PLINTH BEAM PB02	1	05	Y8	960	90	86.4		
PLINTH BEAM PB03	2	01	Y12	9350	8	74.8		
PLINTH BEAM PB03	2	02	Y8	960	86	82.56		
PLINTH BEAM PB04	1	01	Y12	9350	4	37.4		
PLINTH BEAM PB04	1	02	Y8	960	43	41.28		

Bar Bending Schedule

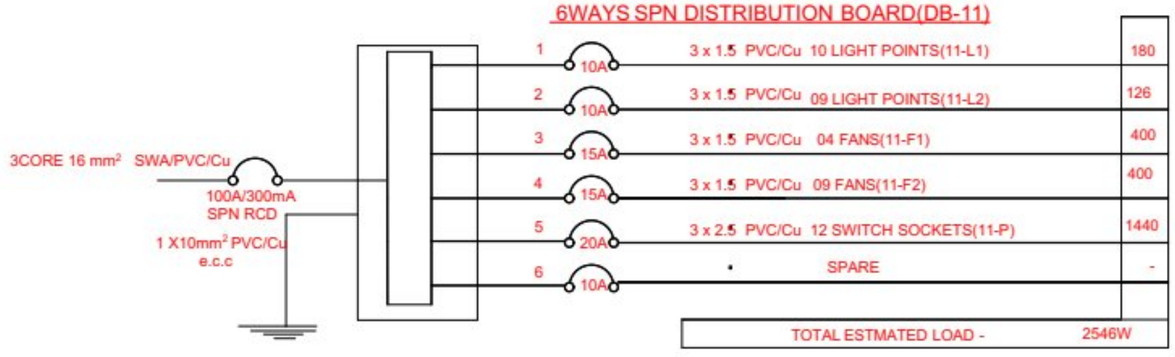
**PROPOSED STANDARD DRAWINGS FOR SEQUIP -
COMPUTER BLOCK - HIPPED
(ROOF RING BEAMS)**

MEMBER TYPE	NUMBER OF MEMBER.	MARK No.	BAR TYPE AND SIZE (mm)	LENGTH OF EACH BAR (mm)	NO. OF BARS	TOTAL LENGTH (m)	SKETCH OF BAR DIMENSIONS IN (mm)	NOTE
COLUMN C01	6	01	Y12	2950	24	70.8		
COLUMN C01	6	02	Y8	820	90	24.6		
ROOF RING BEAM RB01	2	01	Y12	12000	4	48		
ROOF RING BEAM RB01	2	02	Y12	7300	4	29.2		
ROOF RING BEAM RB01	2	03	Y12	7300	4	29.2		
ROOF RING BEAM RB01	2	04	Y12	12000	4	48		
ROOF RING BEAM RB01	2	05	Y8	960	180	172.8		
ROOF RING BEAM RB02	1	01	Y12	3650	4	14.6		
ROOF RING BEAM RB02	1	02	Y8	800	15	12		
ROOF RING BEAM RB03	2	01	Y12	7850	8	62.8		
ROOF RING BEAM RB03	2	02	Y8	960	72	69.12		
ROOF RING BEAM RB04	1	01	Y12	7850	4	31.4		
ROOF RING BEAM RB04	1	02	Y8	800	36	28.8		

ELECTRICAL DRAWINGS



6WAYS SPN DISTRIBUTION BOARD(DB-11)



MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY *IN COLABORATION WITH* **PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT**	**PROVISION OF PHYSICAL FACILITIES IN SECONDARY SCHOOLS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM** PROPOSED COMPUTER BLOCK	DRAWING TITLE: **FLOOR PLAN - LIGHTING&POWER LAYOUT** DRAWING NO: ELECT/COMP/01	Date: Jun 2023 Drawn by: EEC Checked by: EEC Scale: To fit

KEY TO SYMBOLS

SYMBOL	DESCRIPTION	MOUNTING HEIGHT
	Distribution Board with integral RCD	2000 mm AFFL
	Bulkhead light Fitting	Wall Mounted
	4FT Single LED TUBE Light	On Ceilling
	Ceilling Fan	On Ceilling
	Fan Regulator	1500 mm AFFL
	1 gang 1way Switch	1500 mm AFFL
	1 gang 2way Switch	1500 mm AFFL
	2 gang 2way Switch	1500 mm AFFL
	3 gang 1way Switch	
	2 gang 1way Switch	1500 mm AFFL
	4 gang 1way Switch	1500 mm AFFL
	Twin Switch Socket	450 mm AFFL
©	Ceilling light complete with energy saver/LED 11w	on ceiling level
	Earth point	

MINISTRY OF EDUCATION,SCIENCE AND TECHNOLOGY IN COLABORATION WITH
PRESIDENT'S OFFICE REGIONAL ADMINISTRATION AND LOCAL GOVERNMENT

PROVISION OF PHYSICAL FACILITIES IN SECONDARY SCHOOLS FOR SECONDARY EDUCATION QUALITY IMPROVEMENT PROGRAM

PROPOSED COMPUTER BLOCK

DRAWING TITLE:

LEGEND

DRAWING NO: ELECT/COMP/02

DATE: Jun 2023

DRAWN BY EEC

CHECKED BY EEC

SCALE: NTS