

# **PROPOSED 4 CLASS ROOM BLOCK & HALL BLOCK AT B. KENDHOO**

**(2 STOREY)**

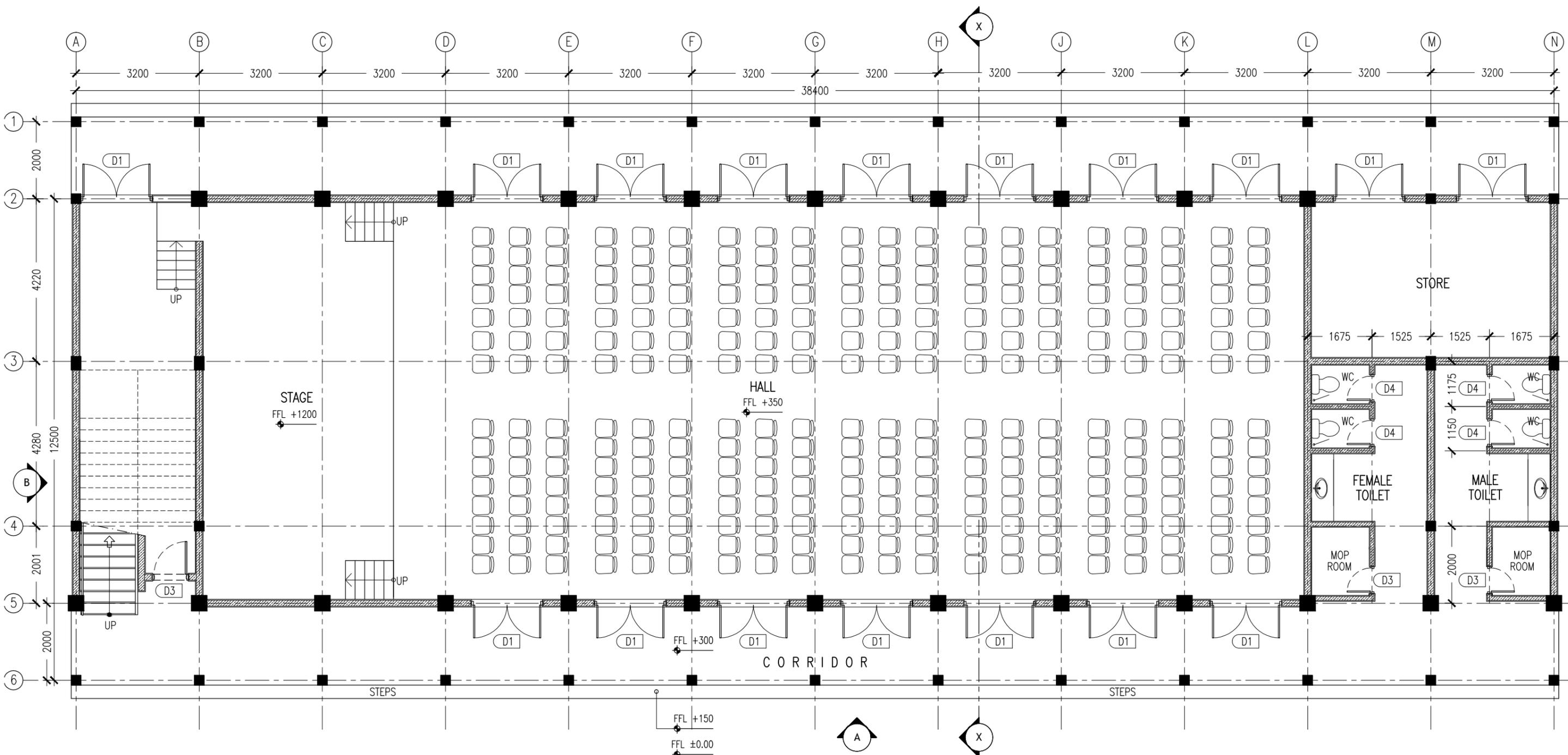
**ARCHITECTURAL & STRUCTURAL DRAWINGS**

MAY 2016

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

**ArchEng**  
s t u d i o  
Ma Fiyajahaage, 1st floor, Male'. Republic of Maldives  
admin@archeng.biz



KEY /LEGEND NOTES

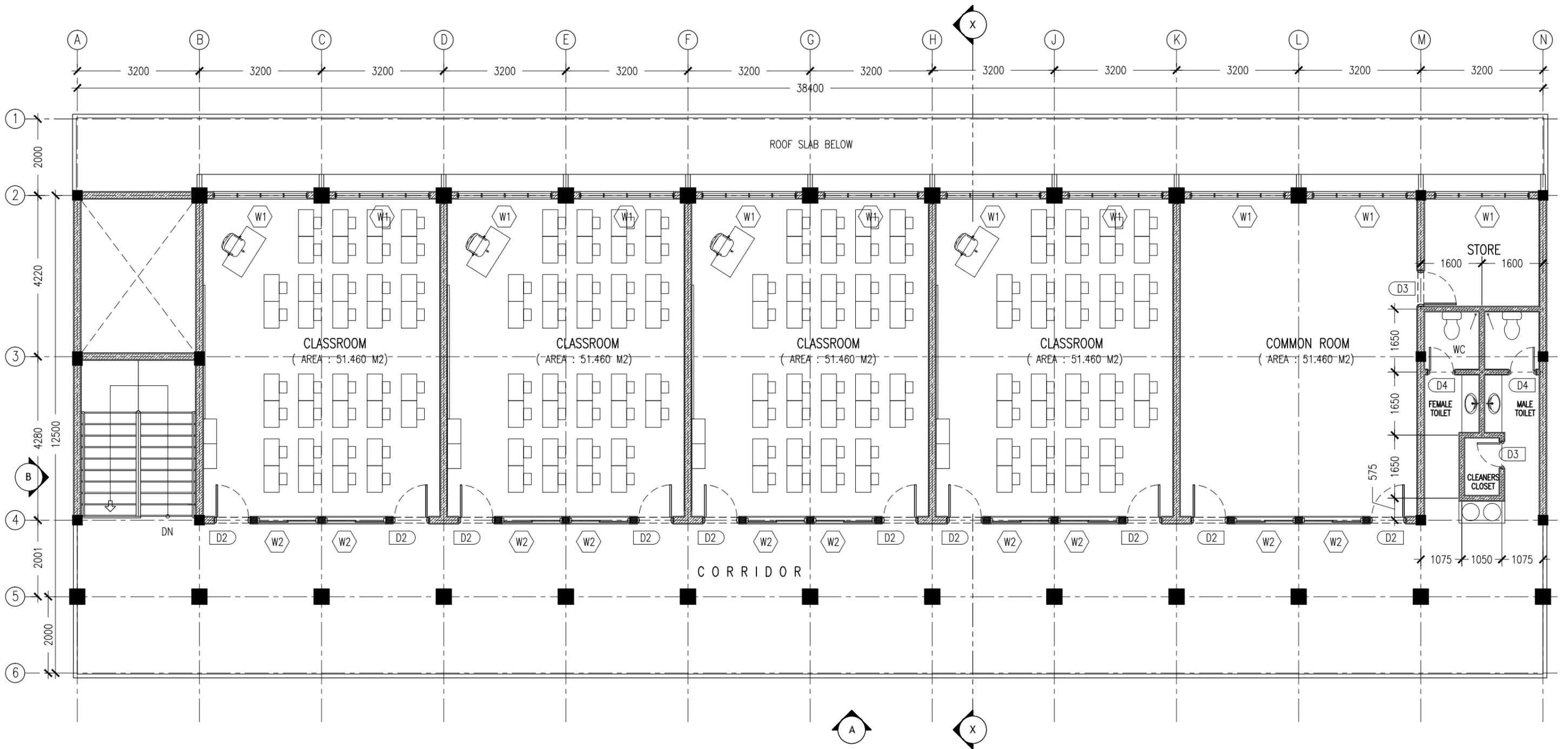
	BLOCK MASONRY WALL
	150MM THK RC WALL 850MM HIGH

**GROUND FLOOR LAYOUT PLAN**  
SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<h1 style="font-size: 2em; margin: 0;">A-01</h1>
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN    DIMENSION: MM    DATE: MAY 2016	
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KEY /LEGEND NOTES

	BLOCK MASONRY WALL
	150MM THK RC WALL 850MM HIGH

1ST FLOOR LAYOUT PLAN

SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

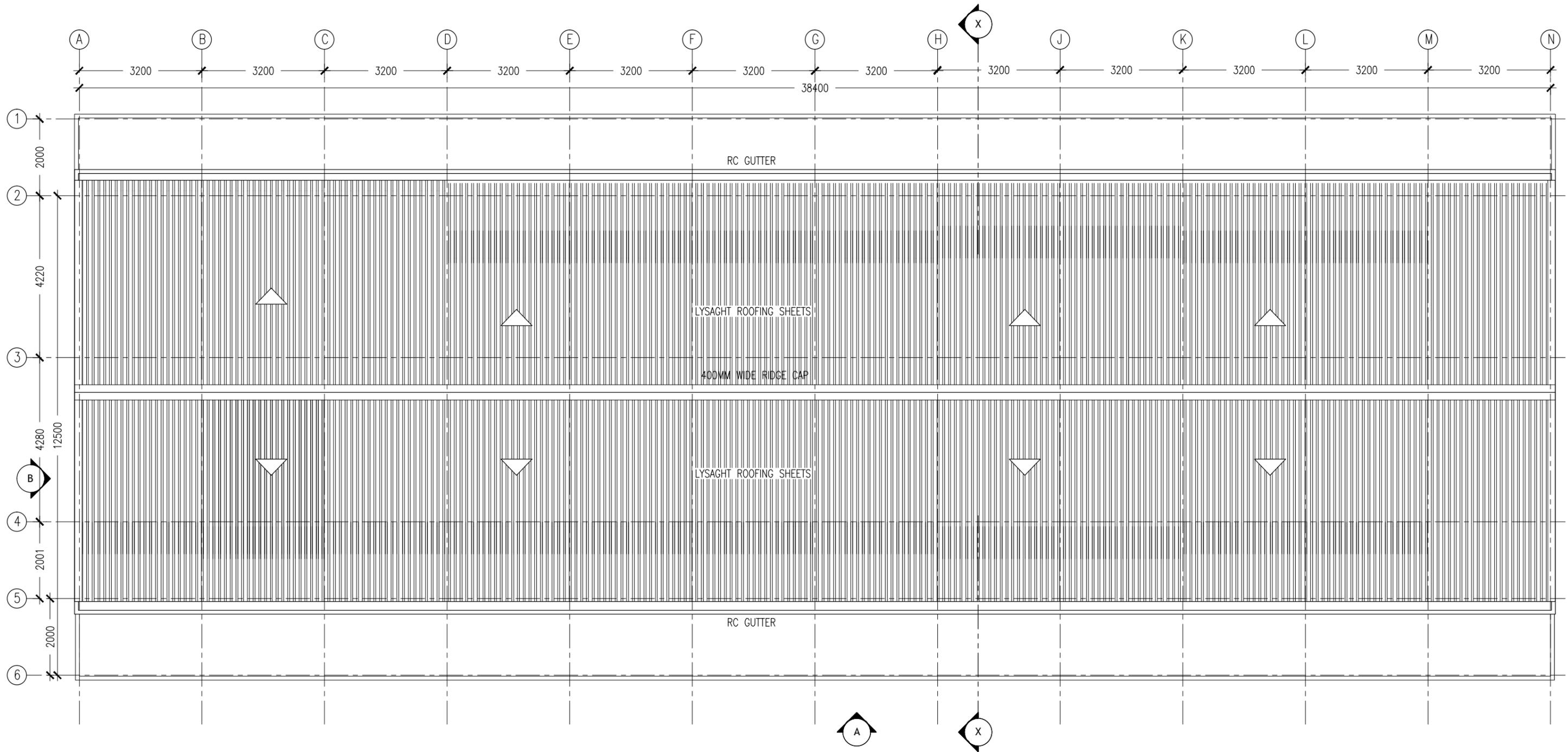


REVISION:	ARCHITECT: MOHAMED HAMEEN
	ENGINEER: MARIYAM SAMA AHU
	SERVICES ENG:
	ESTIMATOR:
	DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )
LOCATION: B. KENDHOO
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN

DIMENSION: MM	DATE: MAY 2016
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DWG NO	A-02
PROJECT NO.:	



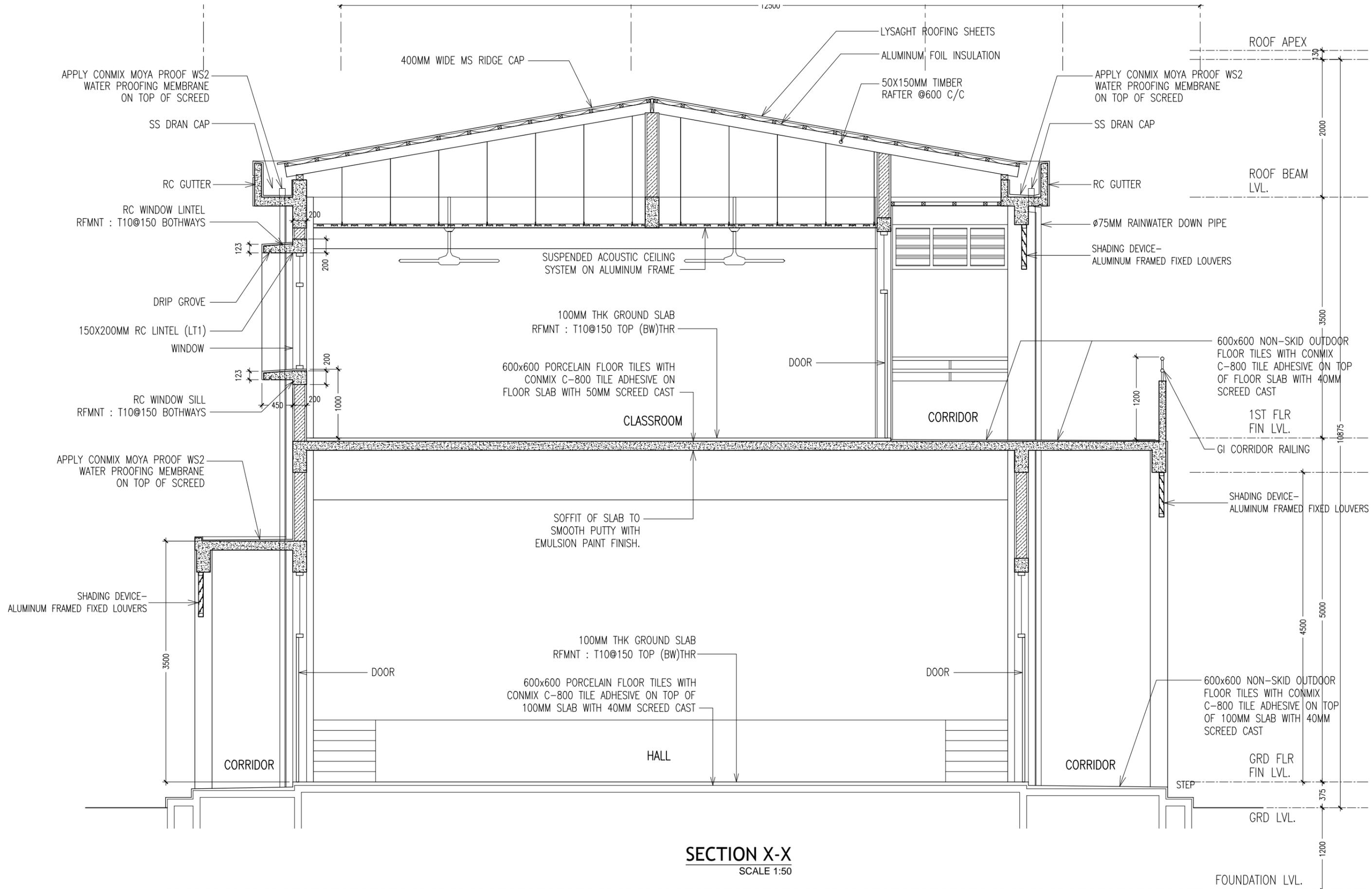
**ROOF LAYOUT PLAN**  
SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<b>A-03</b> DWG NO
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016	
			PROJECT NO.:

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**SECTION X-X**  
SCALE 1:50

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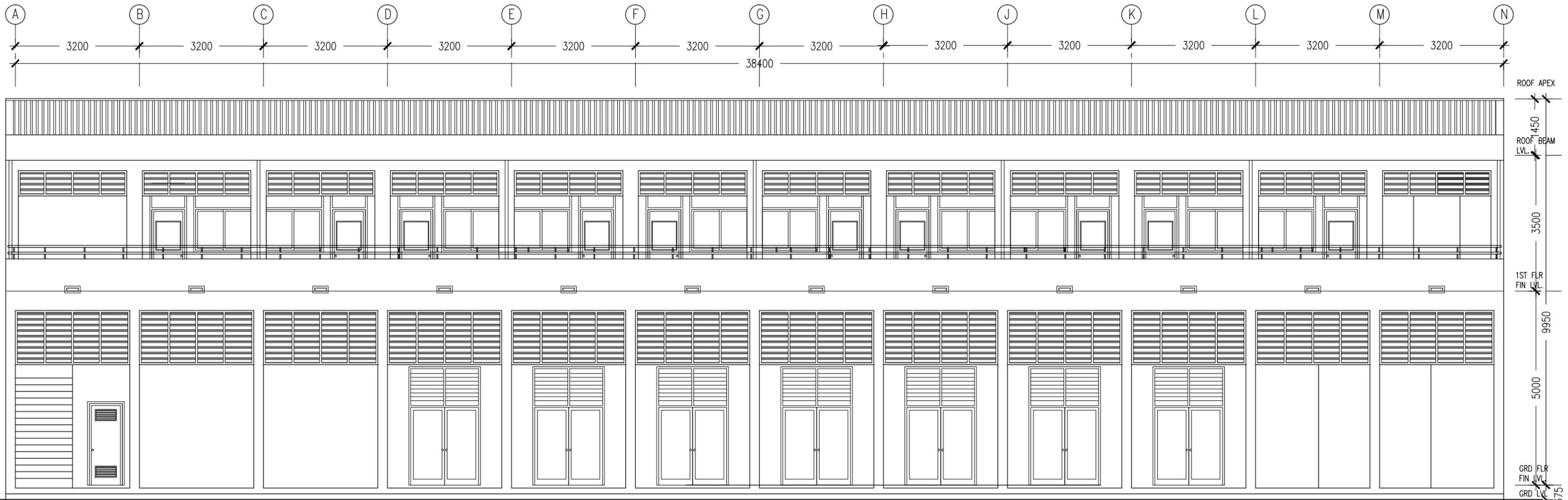


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	ENGINEER: MARIYAM SAMAAHU
	SERVICES ENG:
	ESTIMATOR:
	DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )
LOCATION: B. KENDHOO
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN
DIMENSION: MM
DATE: MAY 2016

DWG NO	A-04
PROJECT NO.:	

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**ELEVATION - A**  
SCALE 1:100

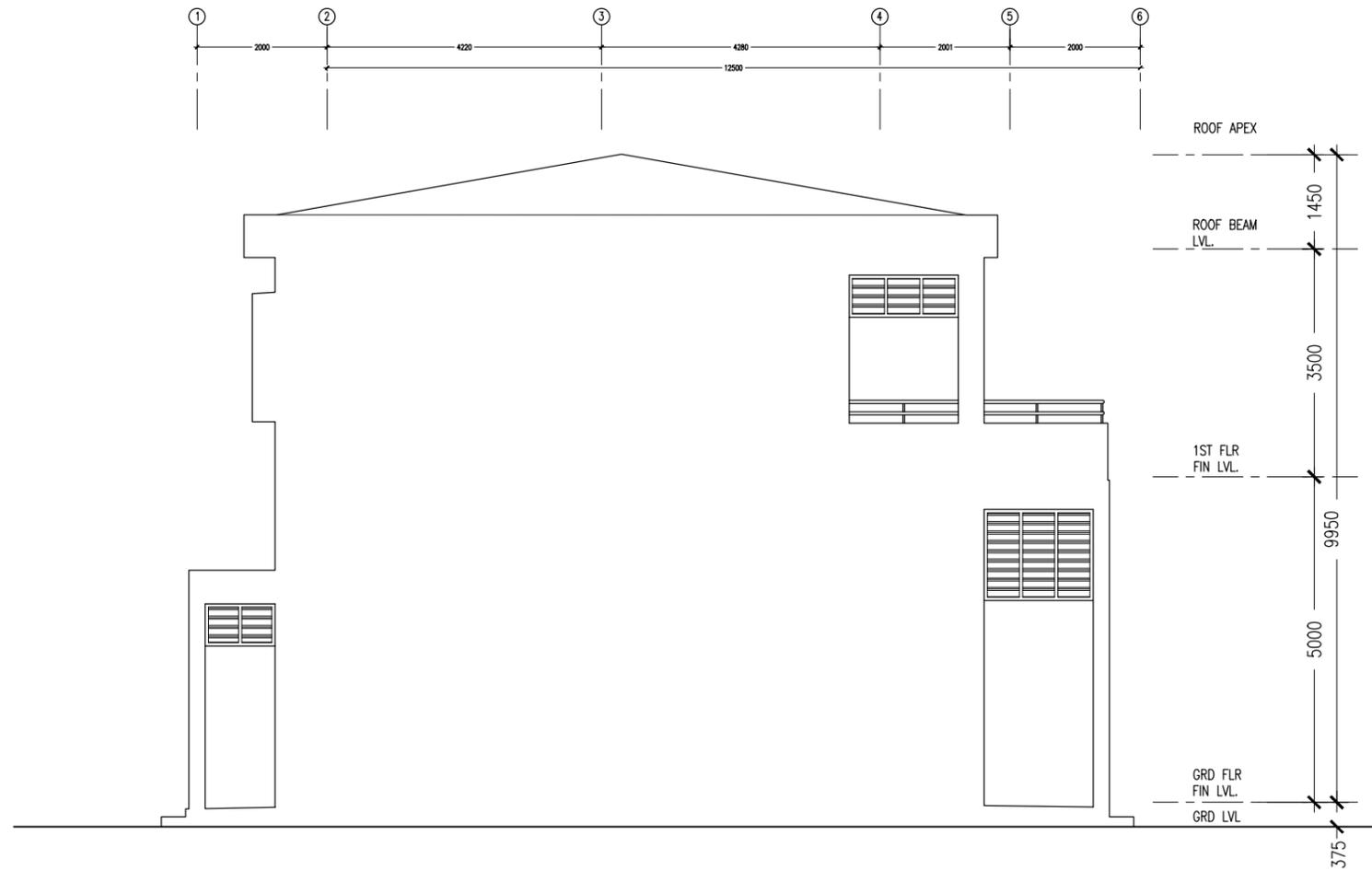
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LOCATION: B. KENDHOO
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SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016

DWG NO	<b>A-05</b>
PROJECT NO.:	



**ELEVATION - B**  
SCALE 1:100

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LOCATION: B. KENDHOO
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SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016

DWG NO
PROJECT NO.:

**A-06**

ELEVATIONS :				
FINISH FLOOR LEVEL	→			
DR / WD NO.	D1	D2	D3	D4
DESCRIPTION :	ALUMINUM FRAMED OPENABLE DOOR PANEL	40MM THICK OPENABLE SOLID TIMBER DOOR PANEL	40MM THICK OPENABLE SOLID TIMBER DOOR PANEL	40MM THICK OPENABLE SOLID TIMBER DOOR PANEL
FRAME :	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	120MM TIMBER FRAME	120MM TIMBER FRAME	120MM TIMBER FRAME
HARDWARE :	DOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDER			
GLAZING :	6MM THICK BLUE TINTED LAMINATED GLASS	C-4MM ALL FIXED PANELS TO BE DOUBLE GLAZED		

ELEVATIONS :			
FINISH FLOOR LEVEL	→		
DR / WD NO.	W1	W2	W4
DESCRIPTION :	ALUMINUM FRAMED WINDOW PANEL	ALUMINUM FRAMED SLIDING WINDOW PANEL	ALUMINUM FRAMED FIXED LOUVRE WINDOW PANEL
FRAME :	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME
HARDWARE :			
GLAZING :	C-5MM THICK BLUE TINTED GLASS	C-5MM THICK BLUE TINTED GLASS ALL FIXED PANELS TO BE DOUBLE GLAZED	

#### GENERAL NOTES:

SHOP DRAWINGS FOR ALL DOORS AND WINDOWS SHALL BE PROVIDED SHOWING LOCATION AND TYPE OF IRONMONGERIES

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO FABRICATION

ALL TIMBER FOR WOODEN DOORS SHALL BE TREATED FOR THE USE IN INDOORS.

FG : FIXED GLASS  
FTL : FIXED TIMBER LOUVERS  
FAL : FIXED ALUMINIUM LOUVERS

#### DOOR / WINDOW SCHEDULE SCALE 1:50

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

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ESTIMATOR:  
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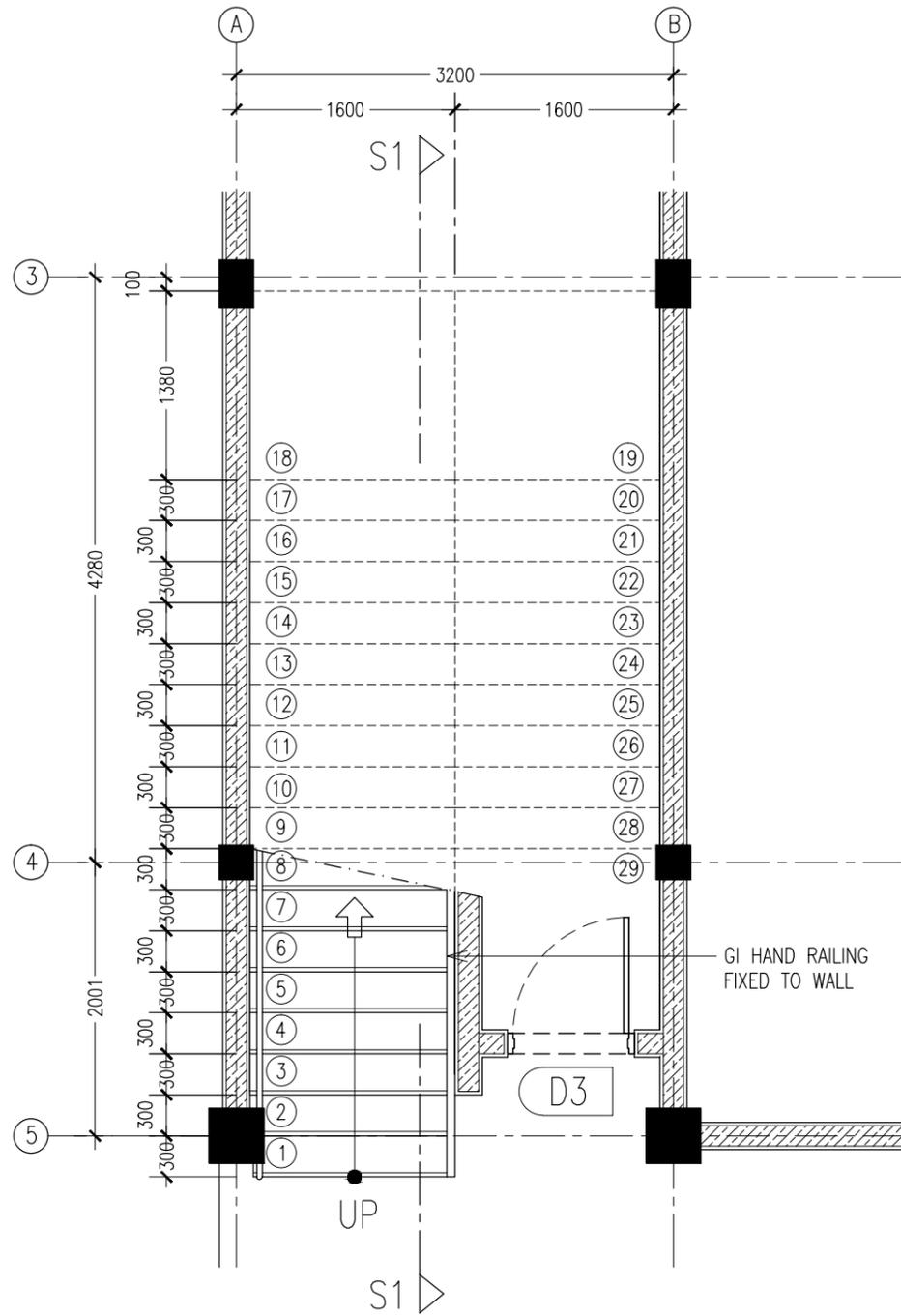
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LOCATION: B. KENDHOO  
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SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016

**A-07**

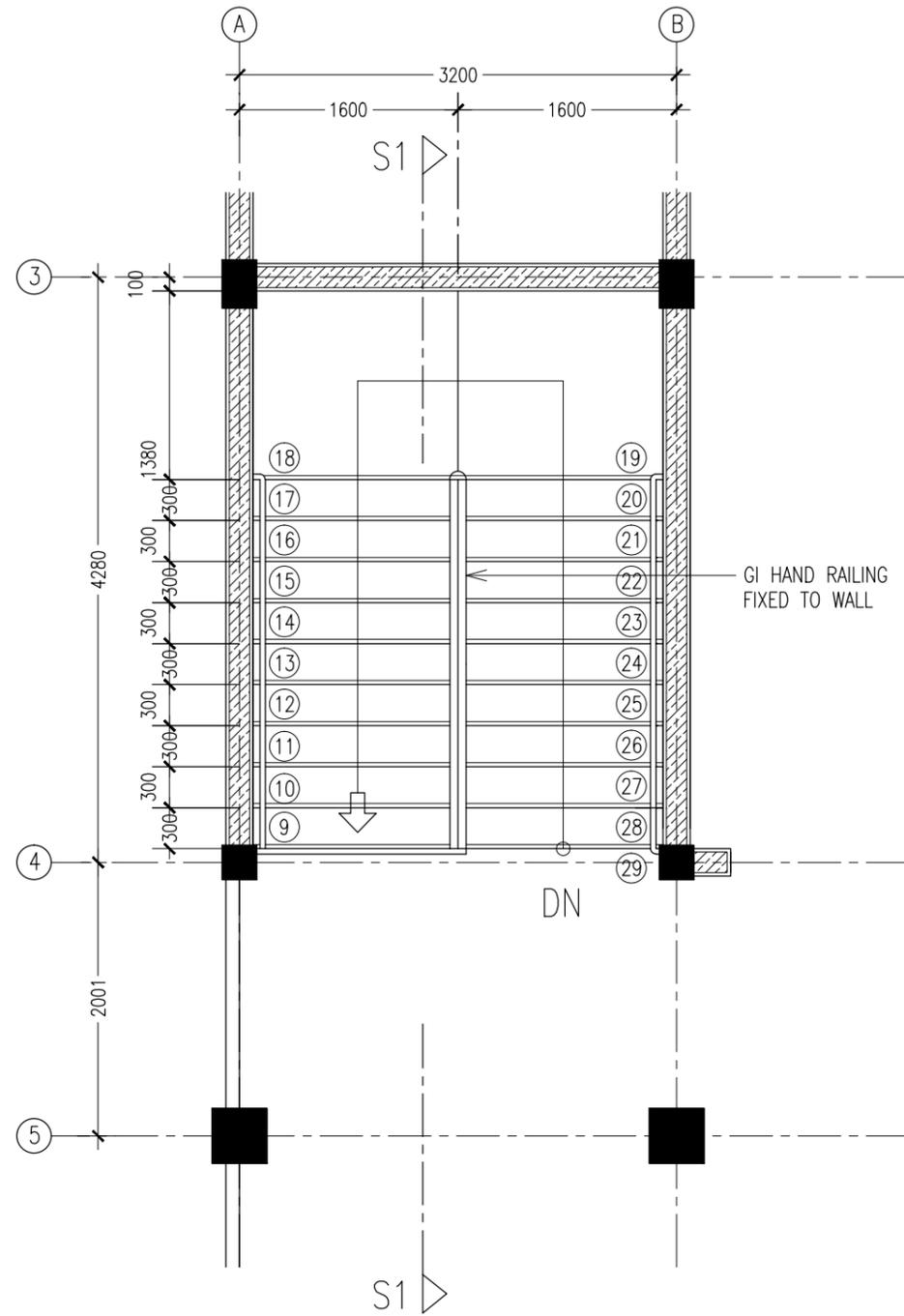
DWG NO

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STAIR PLAN ( GROUND FLR )  
SCALE 1:50



STAIR PLAN ( FIRST FLR )  
SCALE 1:50

CONTRACTORS MUST  
CHECK ALL  
DIMENSIONS ON SITE  
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DRAWINGS. FIGURED  
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PRECEDENCE OVER  
SCALE READINGS



REVISION:

ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MARIYAM SAMAAHU  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: ASFAN AHMED

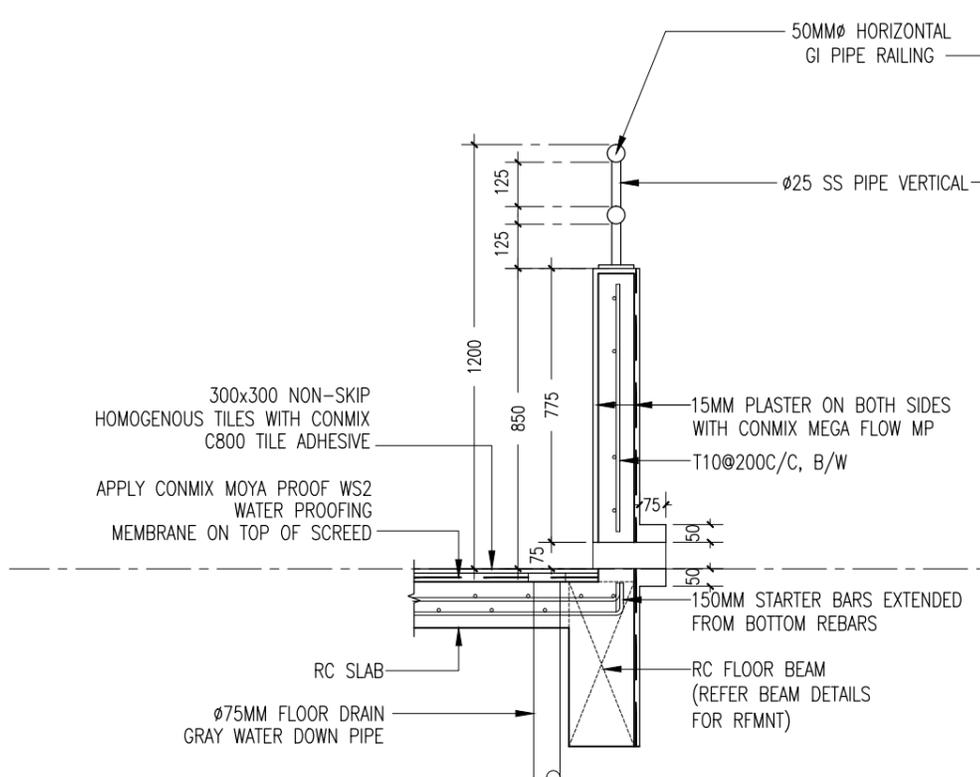
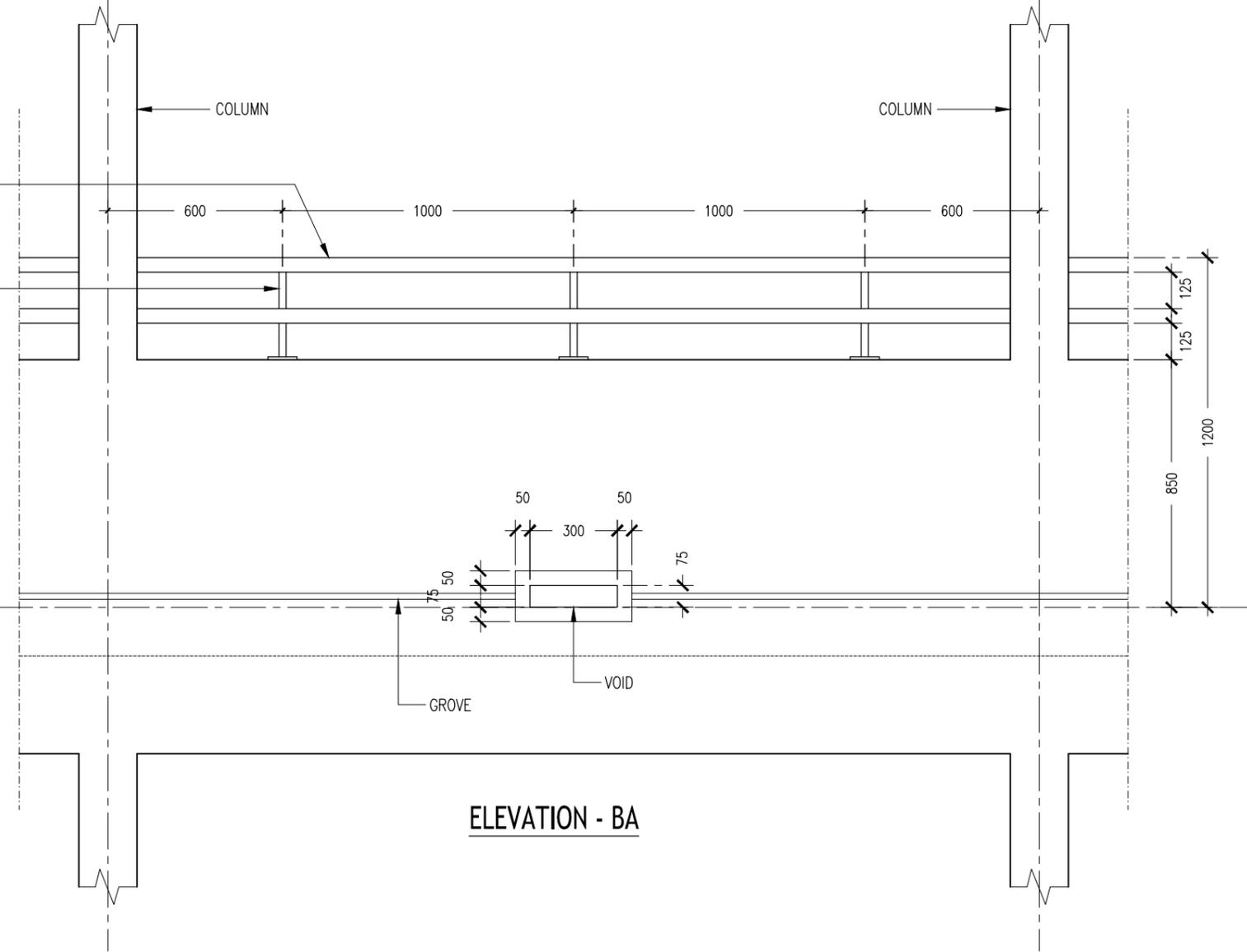
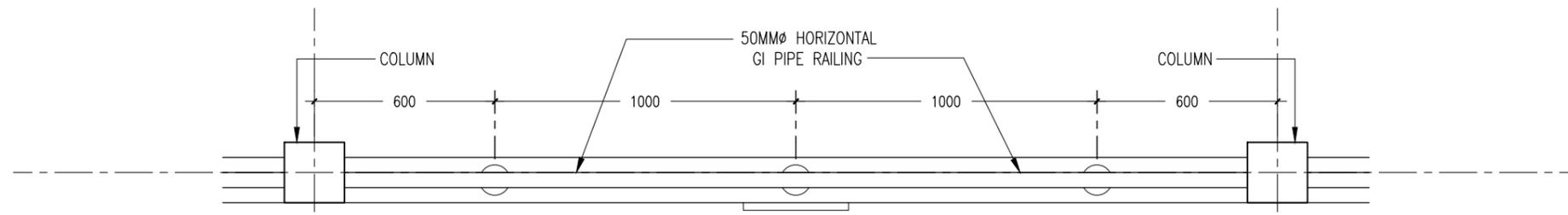
PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )  
LOCATION: B. KENDHOO  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016

A-08

DWG NO

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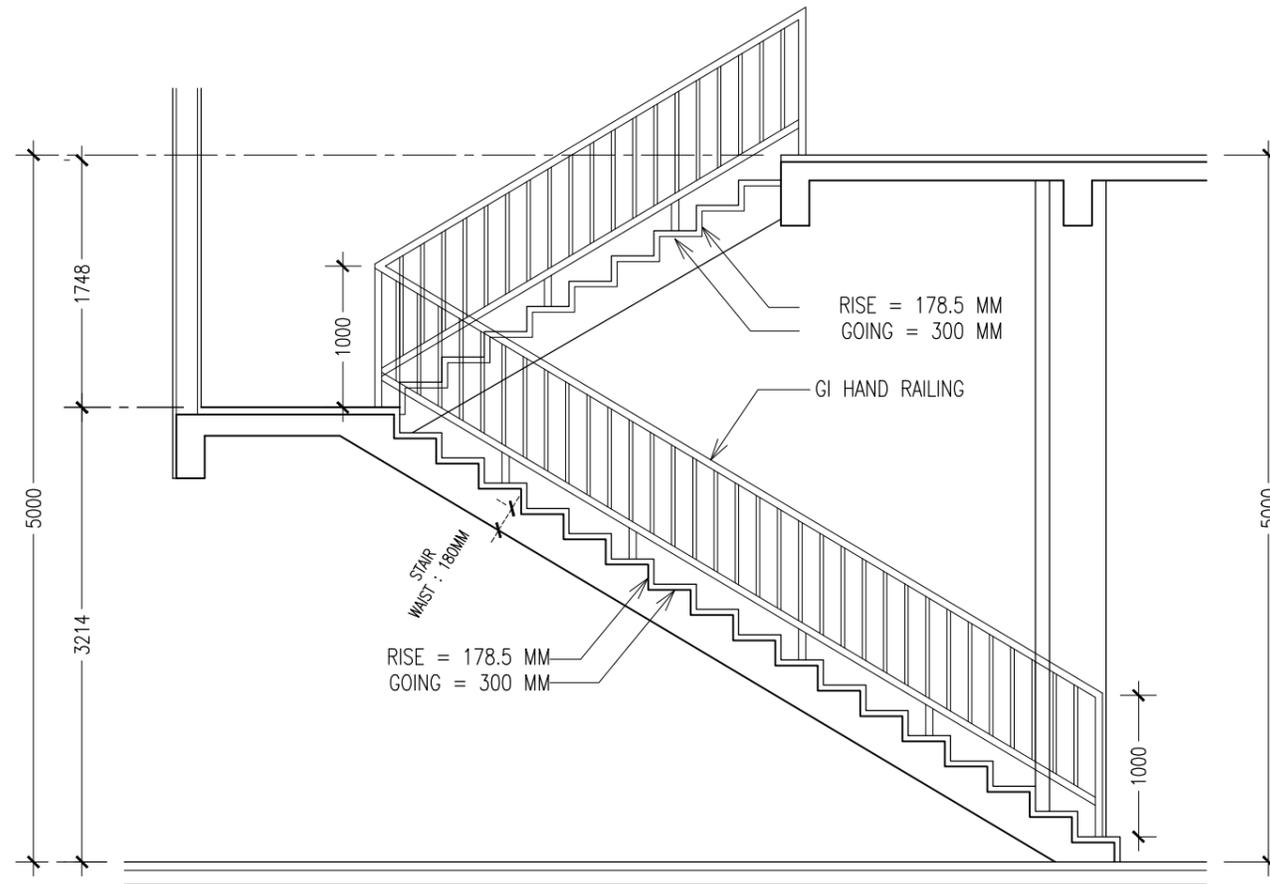
**TYPICAL BALCONY PARAPET WALL**  
SCALE 1:20

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

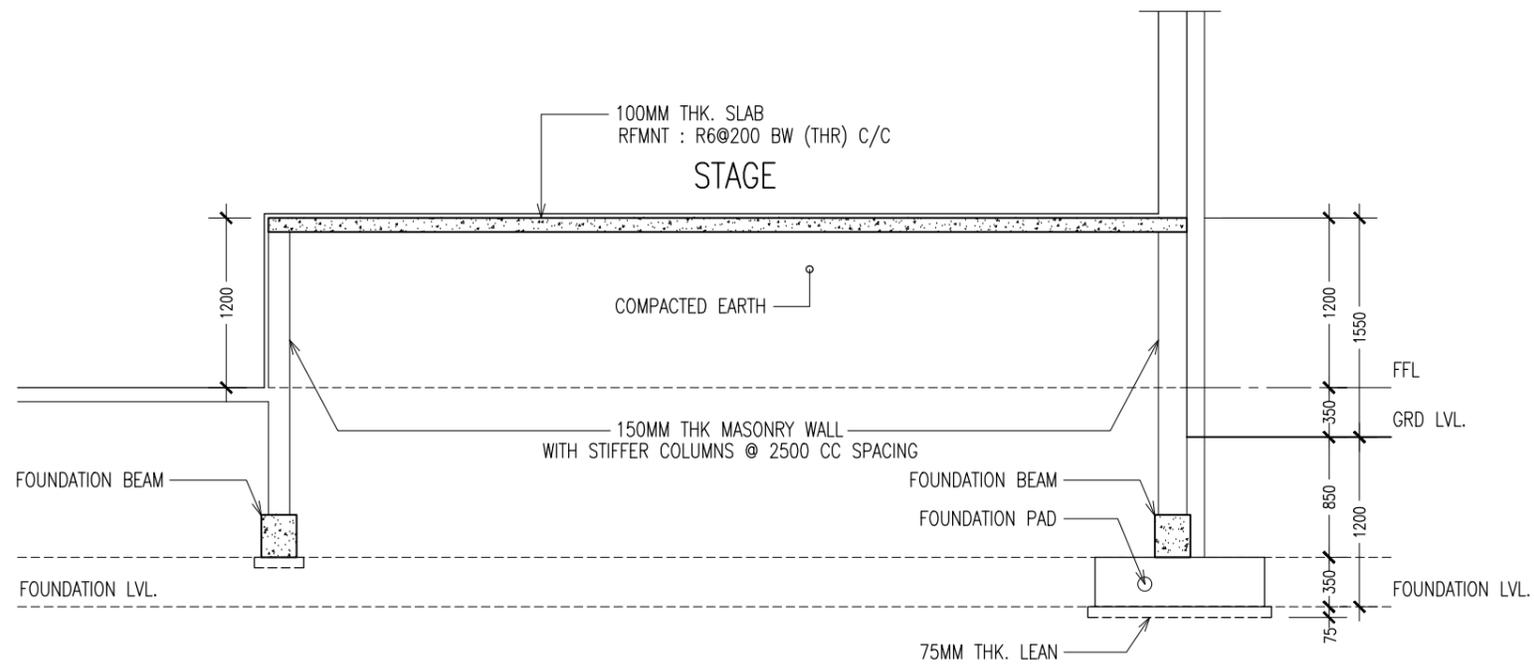


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<b>A-09</b>
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016	
			DWG NO
			PROJECT NO.:

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**STAIR SECTION S1-S1**  
SCALE 1:50



**TYPICAL STAGE DETAILS - SECTION**  
SCALE 1:50

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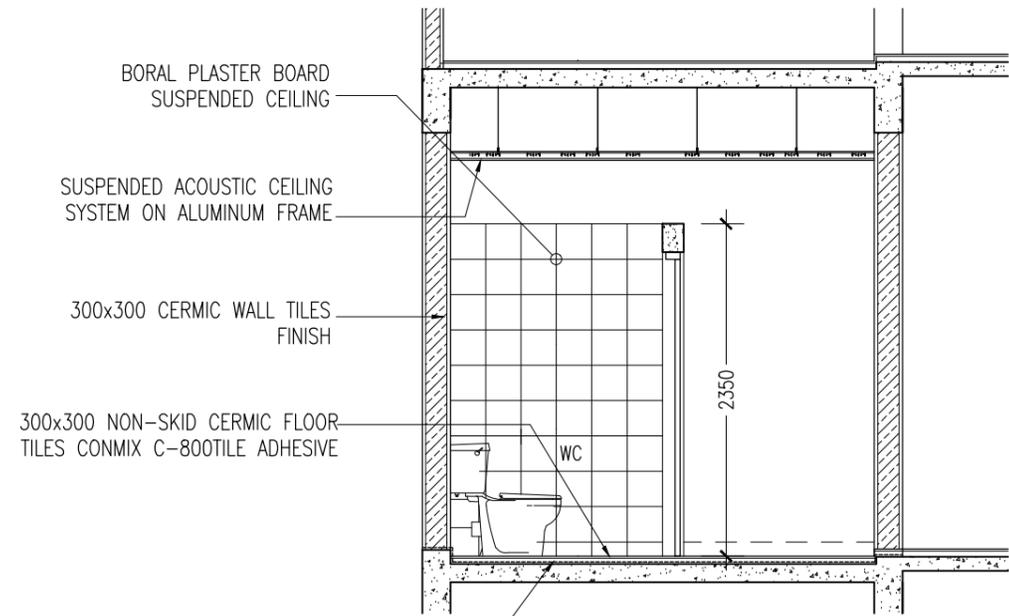
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Ma Fiyajahaage, 1st floor, Male, Republic of Maldives  
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REVISION: \_\_\_\_\_

ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MARIYAM SAMAAHU  
SERVICES ENG: \_\_\_\_\_  
ESTIMATOR: \_\_\_\_\_  
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )  
LOCATION: B. KENDHOO  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016

**A-10**  
DWG NO.  
PROJECT NO.:



BORAL PLASTER BOARD  
SUSPENDED CEILING

SUSPENDED ACOUSTIC CEILING  
SYSTEM ON ALUMINUM FRAME

300x300 CERMIC WALL TILES  
FINISH

300x300 NON-SKID CERMIC FLOOR  
TILES CONMIX C-800 TILE ADHESIVE

**TYPICAL SECTION THROUGH WC AREA**  
SCALE 1:50

APPLY CONMIX MOYA PROOF HF  
WATER PROOFING MEMBRANE ON  
TOP OF SCREED

300x600 CERMIC WALL TILES  
FINISH UPTO DOOR HEIGHT

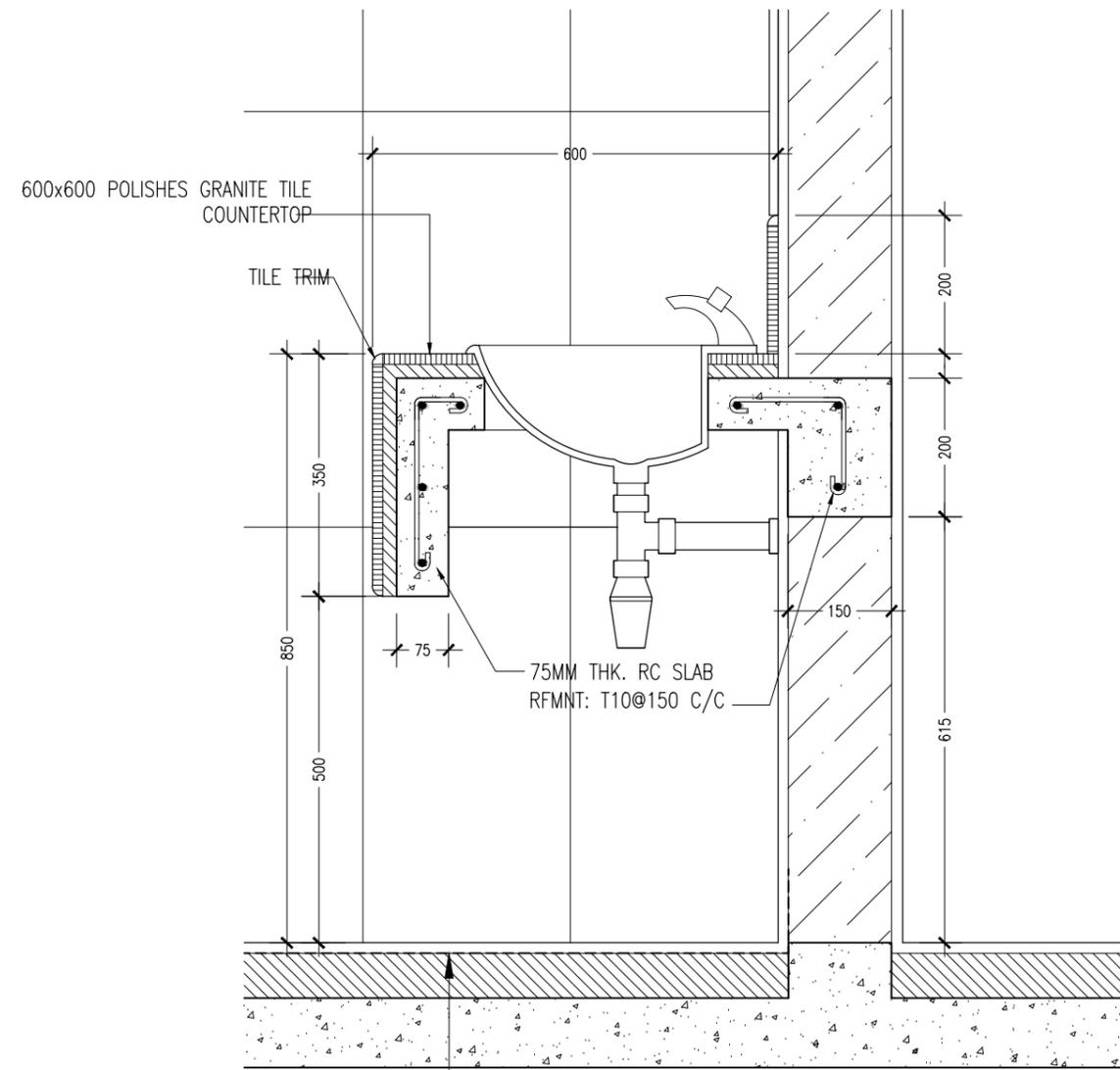
BORAL PLASTER BOARD  
SUSPENDED CEILING

1/4" THK. FACIAL MIRROR ON  
1/4" THK. PLYWOOD BACKING  
WITH ALUMINUM FRAME FINISH

G

300x300 NON-SKID CERMIC  
FLOOR TILES FINISH

**TYPICAL THROUGH VANITY SECTION AREA**  
SCALE 1:50



600x600 POLISHES GRANITE TILE  
COUNTERTOP

TILE TRIM

75MM THK. RC SLAB  
RFMNT: T10@150 C/C

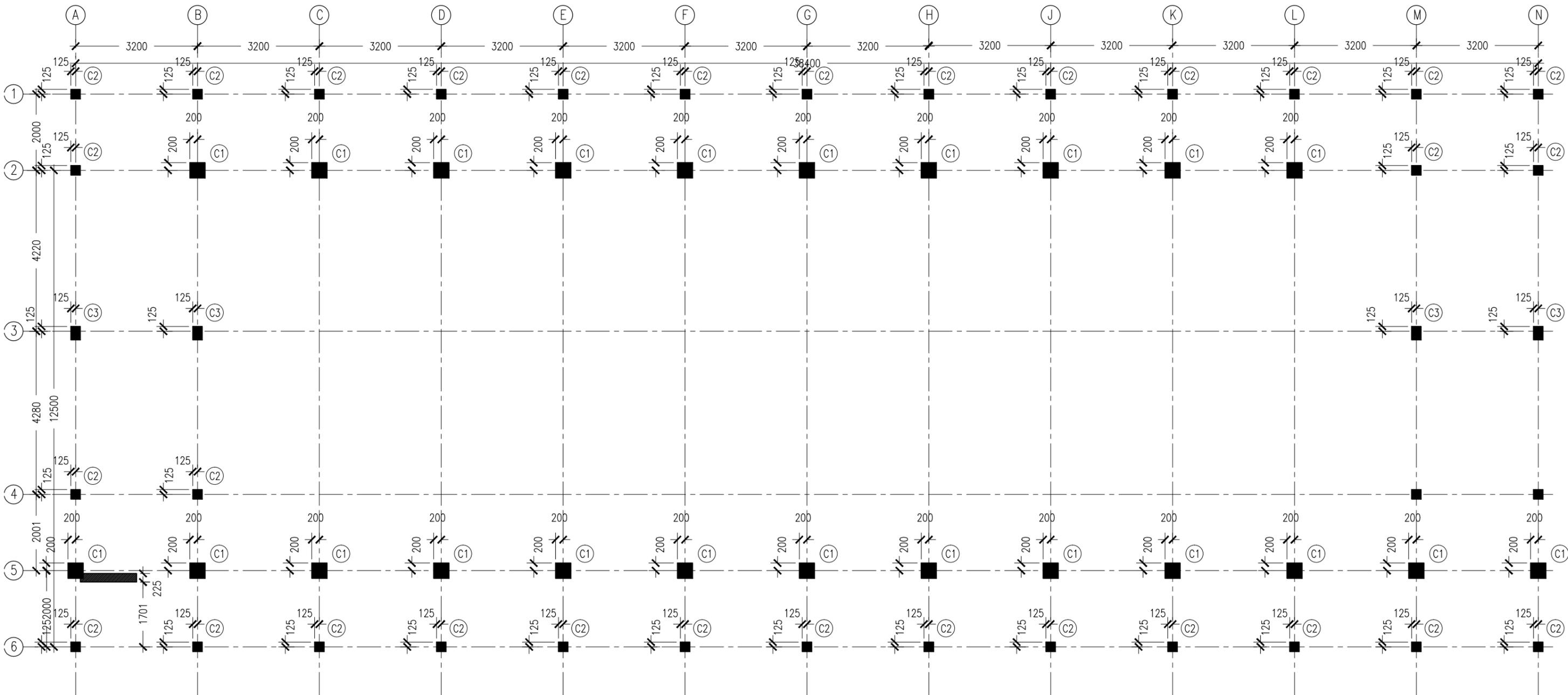
APPLY CONMIX MOYA PROOF HF  
WATER PROOFING MEMBRANE ON  
TOP OF SCREED

**SECTION DETAILS G**  
SCALE 1:10

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<b>A-11</b> DWG NO. PROJECT NO.:
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN    DIMENSION: MM    DATE: MAY 2016	
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NOTES :

- COVER TO FOUNDATION: 50MM
- COVER TO BEAMS : 50MM
- COVER TO COLUMNS : 40MM
- CONCRETE MIX : 1:2:3 UNLESS STATED
- ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.
- ADD CONMIX MEGA ADD WL3 TO ALL SUBSTRUCTURE CONCRETE.
- APPY 2 COATS OF CONMIX MOYA SHIELD RBE TO ALL STRUCTURE CONCRETE BELOW GROUND LEVEL.

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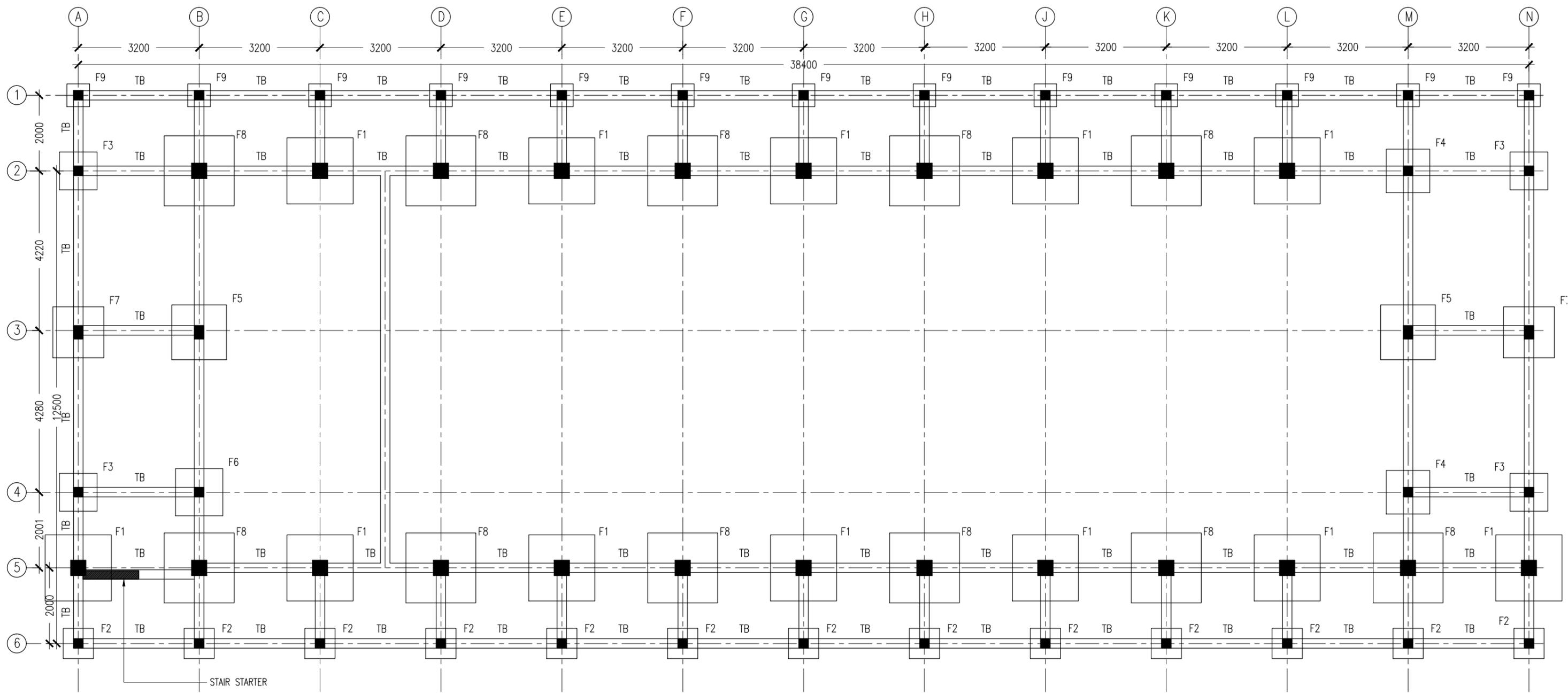


**COLUMN SETTING PLAN**

SCALE 1:100

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<b>S-01</b>
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
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			DWG NO:
			PROJECT NO:

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**FOUNDATION PLAN**  
SCALE 1:100

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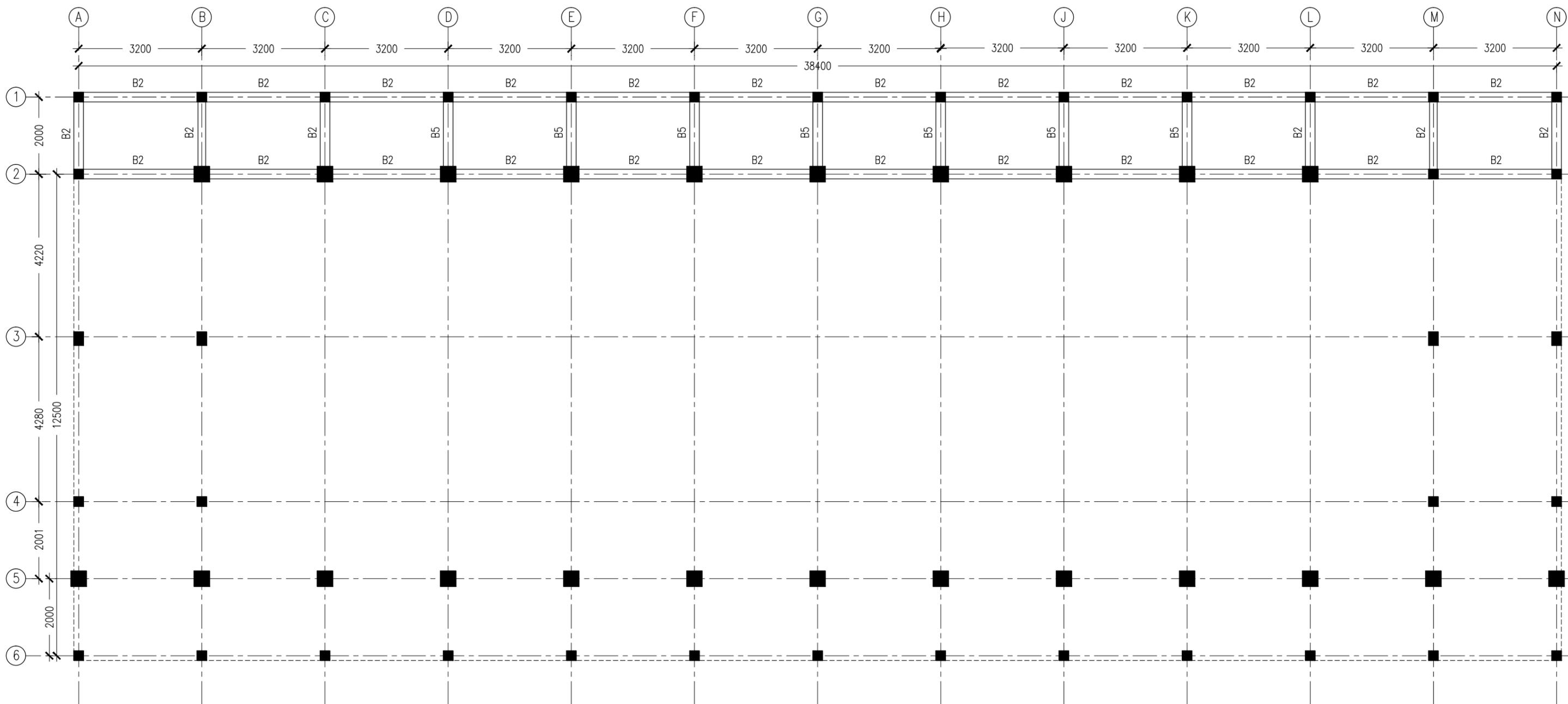
REVISION:	

ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MARIYAM SAMAAHU
SERVICES ENG:	
ESTIMATOR:	
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PROJECT:	PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	
LOCATION:	B. KENDHOO	
DRAWING TITLE:	AS GIVEN	
CLIENT:	MINISTRY OF EDUCATION	
SCALE:	AS GIVEN	DIMENSION: MM
		DATE: MAY 2016

**S-02**  
DWG NO  
PROJECT NO.:

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NOTES :

- SLAB THICKNESS : 150MM  
ACCPT WHERE STATED
- SLAB BOTTOM COVER: 30MM
- SLAB TOP COVER: 25MM
- COVER TO BEAMS : 35MM
- COVER TO COLUMNS : 40MM
- CONCRETE MIX : 1:2:3  
UNLESS STATED
- ADD CONMIX MEGAFLW MP TO ALL EXTERNAL PLASTER &  
FOR WET AREA PLASTER
- ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

**LOWER LEVEL BEAM PLAN**

SCALE 1:100

CONTRACTORS MUST  
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REVISION:	

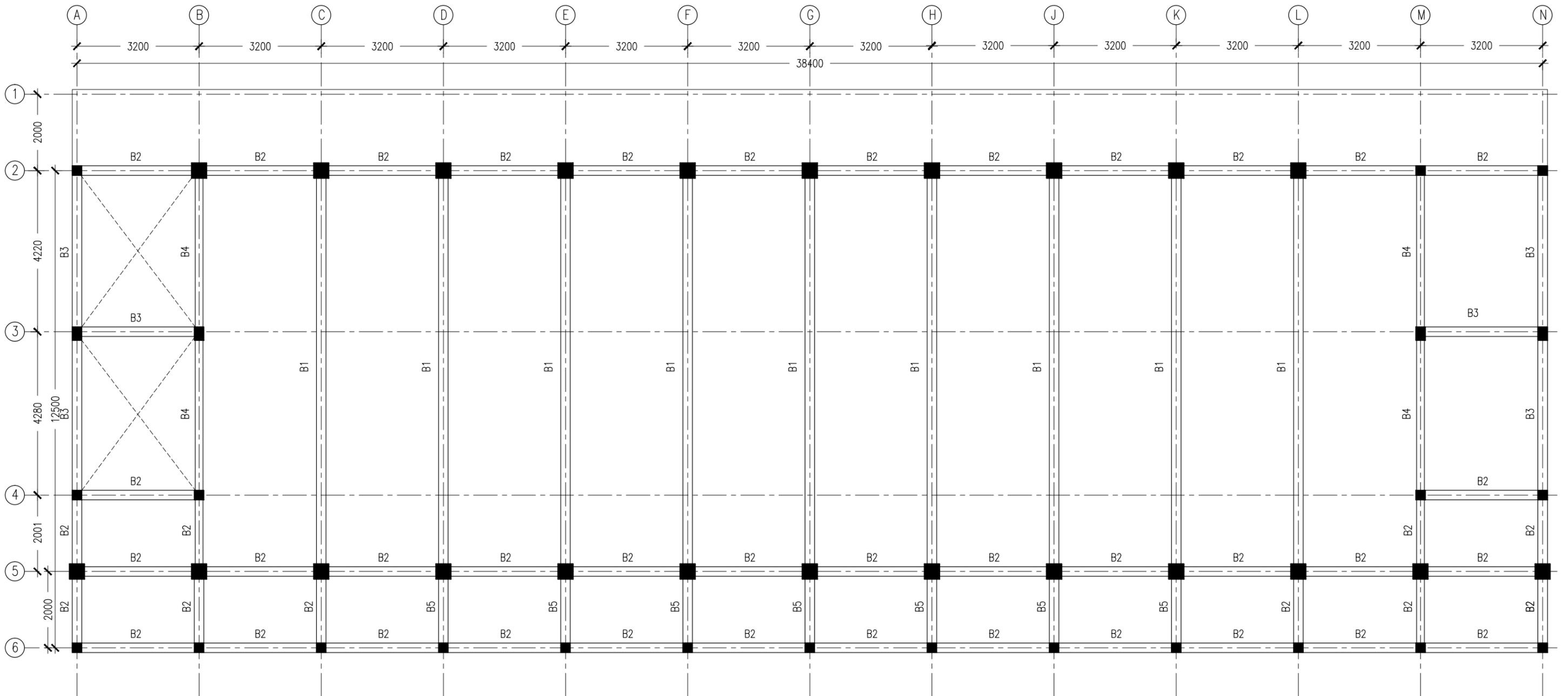
ARCHITECT:	MOHAMED HAMEEN
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SERVICES ENG:	
ESTIMATOR:	
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LOCATION:	B. KENDHOO	
DRAWING TITLE:	AS GIVEN	
CLIENT:	MINISTRY OF EDUCATION	
SCALE:	DIMENSION: MM	DATE: MAY 2016

**S-03**

DWG NO

PROJECT NO.:



NOTES :

- SLAB THICKNESS : 150MM  
ACCEPT WHERE STATED
- SLAB BOTTOM COVER: 30MM
- SLAB TOP COVER: 25MM
- COVER TO BEAMS : 35MM
- COVER TO COLUMNS : 40MM
- CONCRETE MIX : 1:2:3  
UNLESS STATED
- ADD CONMIX MEGAFLOW MP TO ALL EXTERNAL PLASTER &  
FOR WET AREA PLASTER
- ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

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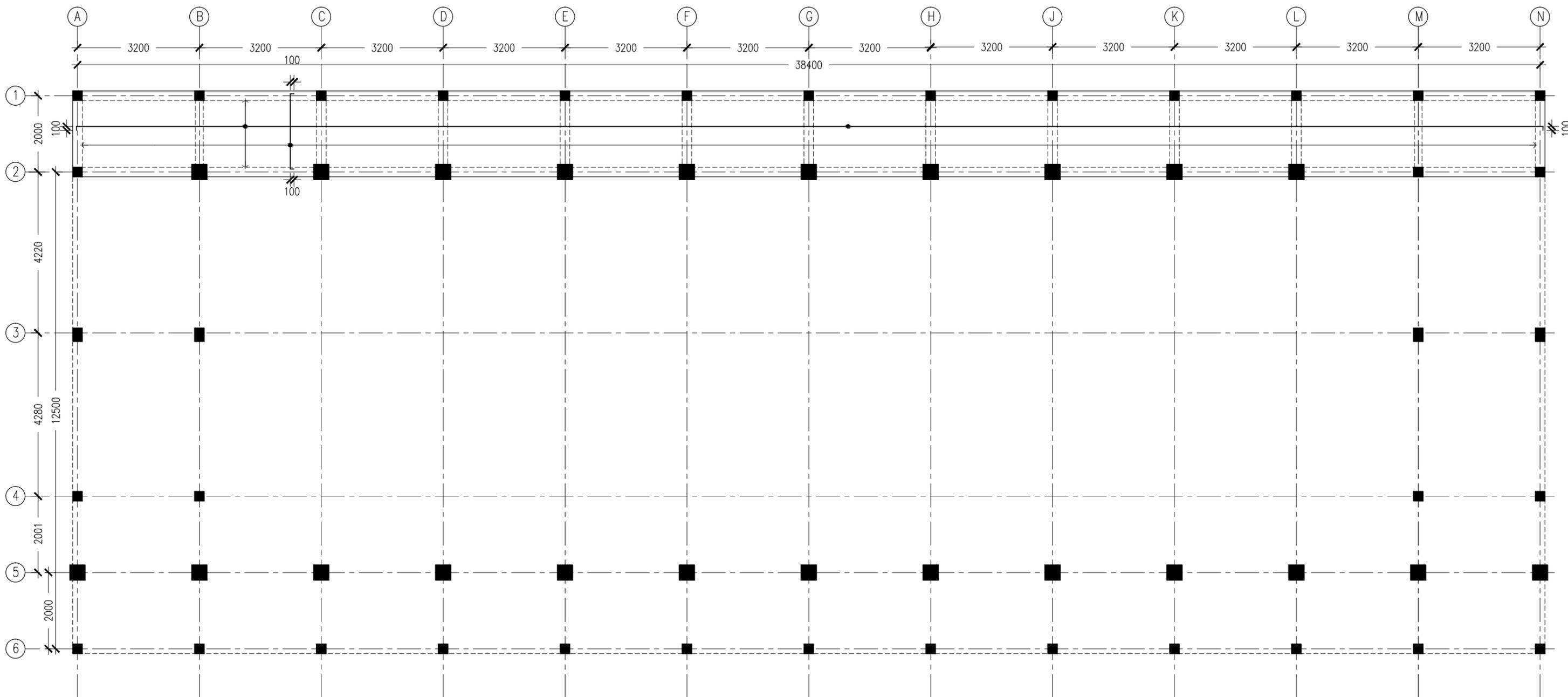


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	ENGINEER: MARIYAM SAMA AHU
	SERVICES ENG:
	ESTIMATOR:
	DRAWN BY: ASFAN AHMED

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LOCATION: B. KENDHOO
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DWG NO	<b>S-04</b>
PROJECT NO:	

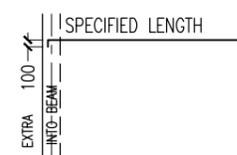
**1ST FLOOR BEAM PLAN**  
SCALE 1:100



NOTE:

- \*SLAB THICKNESS: 150MM  
ACCPET WHERE STATED
- \*SLAB BOTTOM COVER: 30MM
- \*SLAB TOP COVER: 25MM
- \*SLAB TOP MAIN REINFORCEMENT : T10-150MM C/C  
AS SHOWN (UNLESS STATED OTHERWISE)
- \*SLAB BOTTOM REINFORCEMENT : T10-150MM BW C/C  
(THROUGHOUT) NOT SHOWN
- \*CURTAIL REBARS OVER OPENINGS
- \*PROVIDE EXTRA ADDITIONAL REINFORCEMENT  
AS SPECIFIED
- \*TOP DISTRIBUTION REINFORCEMENT : T10@300 BW C/C

\*TYPICAL TOP REBAR



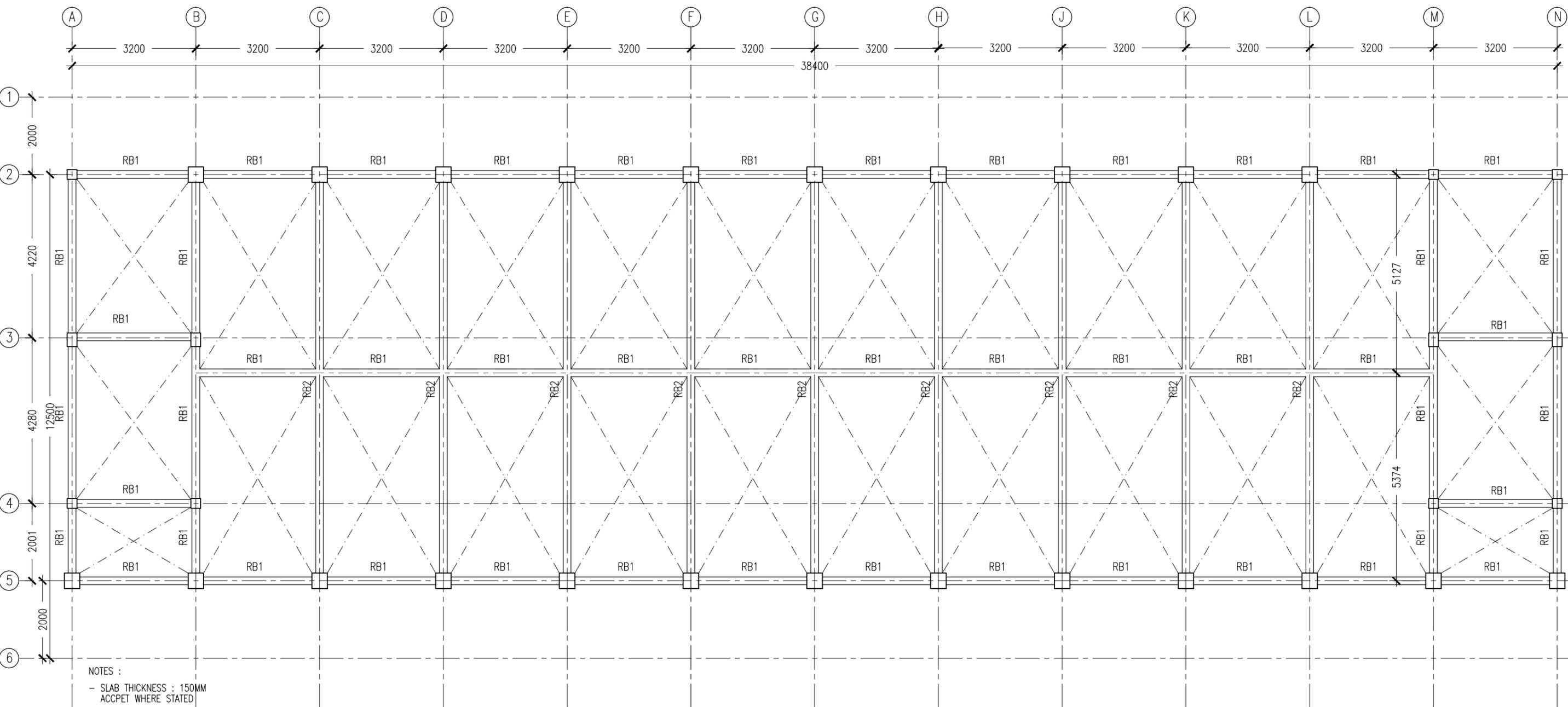
- \*FCU=25N/MM2
- \*ADD CONMIX MegaFlow P TO ALL SUPER  
STRUCTURE CONCRETE

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**LOWER LEVEL SLAB  
REINFORCEMENT PLAN**  
SCALE 1:100

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<b>S-06</b>
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016	DWG NO
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN, DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED			PROJECT NO.:



- NOTES :
- SLAB THICKNESS : 150MM  
ACCPET WHERE STATED
  - SLAB BOTTOM COVER: 30MM
  - SLAB TOP COVER: 25MM
  - COVER TO BEAMS : 35MM
  - COVER TO COLUMNS : 40MM
  - CONCRETE MIX : 1:2:3  
UNLESS STATED
  - ADD CONMIX MEGA FLOW MP TO ALL EXTERNAL PLASTER &  
FOR WET AREA PLASTER
  - ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

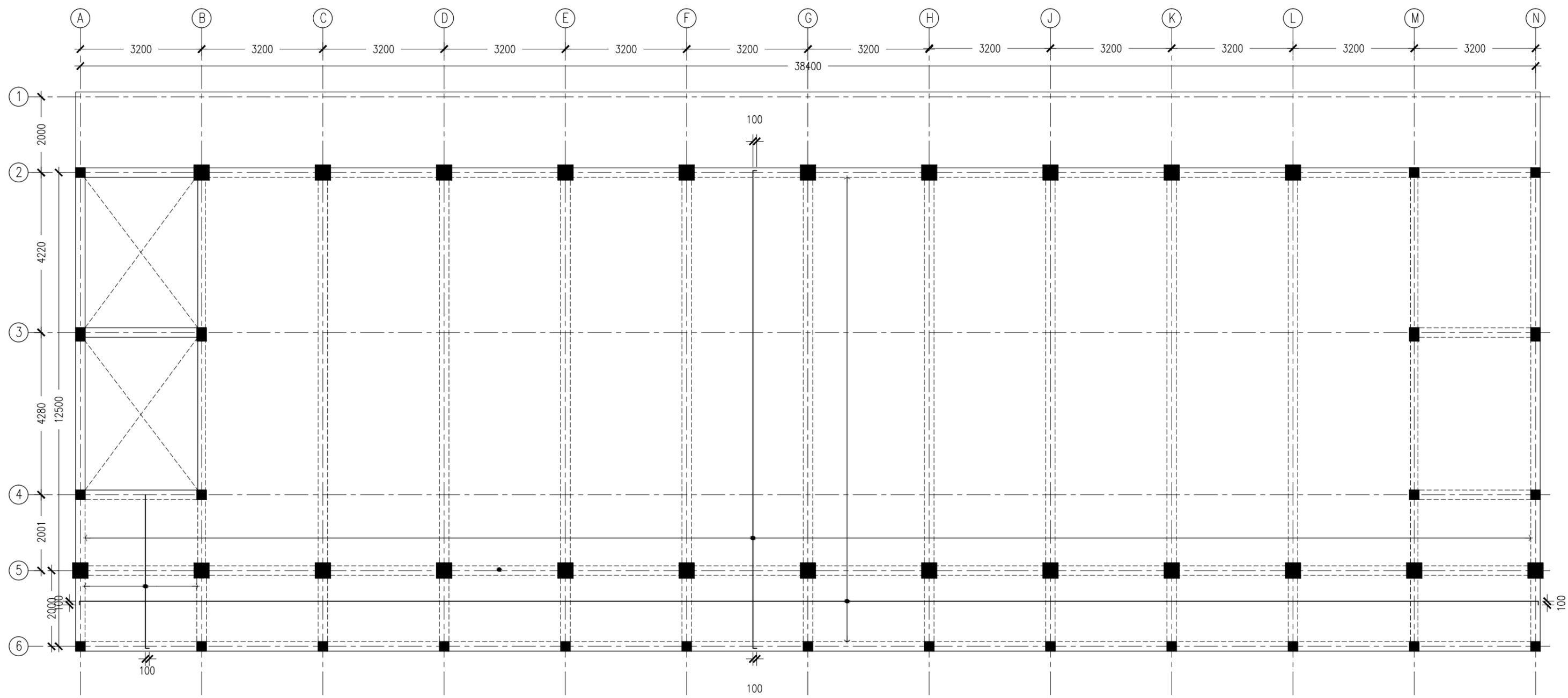
**ROOF BEAM PLAN**  
SCALE 1:100

CONTRACTORS MUST  
CHECK ALL  
DIMENSIONS ON SITE  
BEFORE STARTING  
ANY WORK OR SHOP  
DRAWINGS. FIGURED  
DIMENSIONS TO TAKE  
PRECEDENCE OVER  
SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<p><b>S-05</b> DWG NO PROJECT NO.:</p>
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG: AS GIVEN	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN    DIMENSION: MM    DATE: MAY 2016	

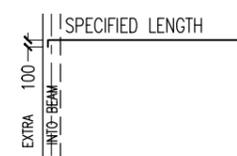
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN, DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



NOTE:

- \*SLAB THICKNESS: 150MM  
ACCPET WHERE STATED
- \*SLAB BOTTOM COVER: 30MM
- \*SLAB TOP COVER: 25MM
- \*SLAB TOP MAIN REINFORCEMENT : T10-150MM C/C  
AS SHOWN (UNLESS STATED OTHERWISE)
- \*SLAB BOTTOM REINFORCEMENT : T10-150MM BW C/C  
(THROUGHOUT) NOT SHOWN
- \*CURTAIL REBARS OVER OPENINGS
- \*PROVIDE EXTRA ADDITIONAL REINFORCEMENT  
AS SPECIFIED
- \*TOP DISTRIBUTION REINFORCEMENT : T10@300 BW C/C

\*TYPICAL TOP REBAR



- \*FCU=25N/MM2
- \*ADD CONMIX MegaFlow P TO ALL SUPER  
STRUCTURE CONCRETE

CONTRACTORS MUST  
CHECK ALL  
DIMENSIONS ON SITE  
BEFORE STARTING  
ANY WORK OR SHOP  
DRAWINGS. FIGURED  
DIMENSIONS TO TAKE  
PRECEDENCE OVER  
SCALE READINGS

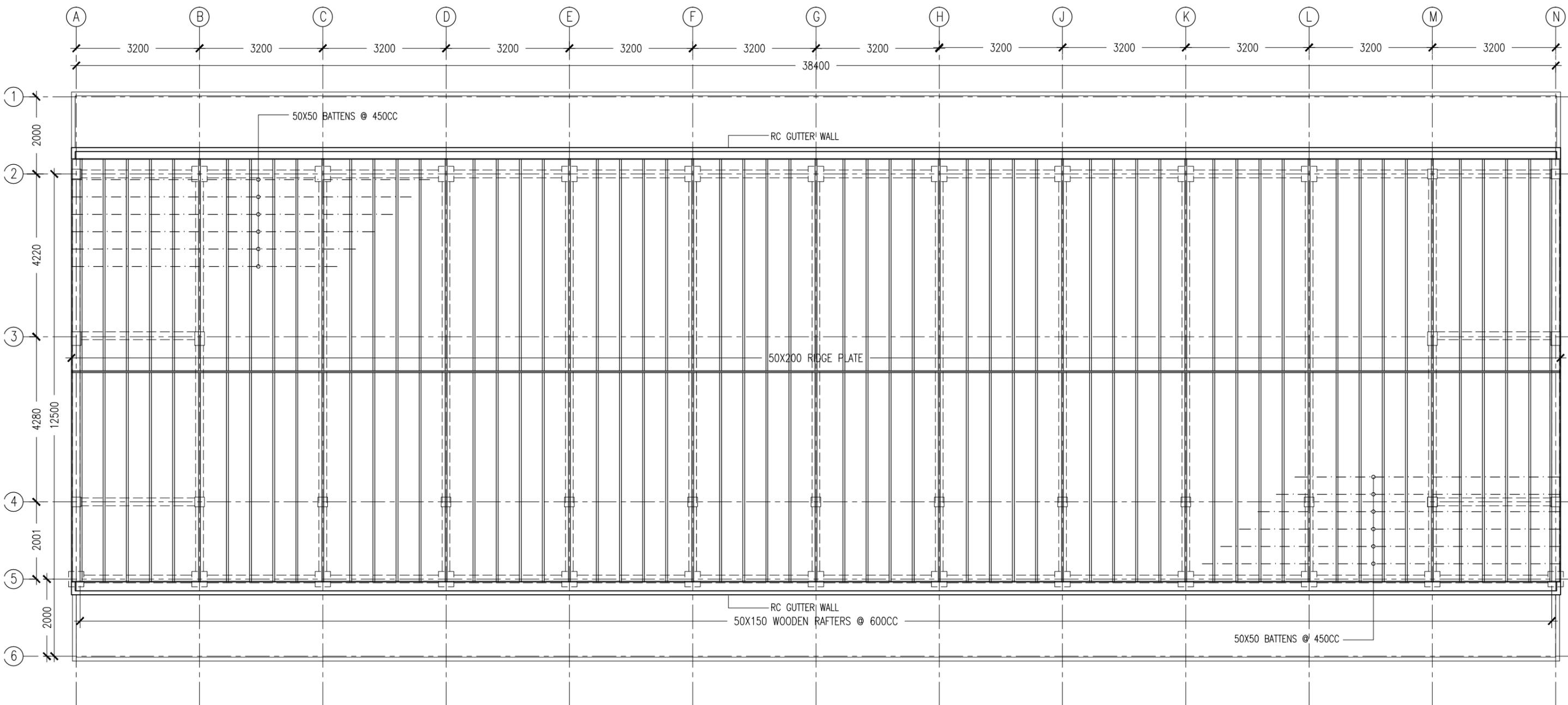


REVISION:	ARCHITECT: MOHAMED HAMEEN
	ENGINEER: MARIYAM SAMAAHU
	SERVICES ENG:
	ESTIMATOR:
	DRAWN BY: ASFAN AHMED

PROJECT:	PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )		
LOCATION:	B. KENDHOO		
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION: MM	DATE: MAY 2016

**S-07**  
DWG NO  
PROJECT NO.:

**1ST FLOOR SLAB  
REINFORCEMENT PLAN**  
SCALE 1:100



**ROOF STRUCTURE PLAN**  
SCALE 1:100

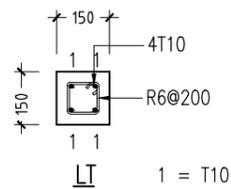
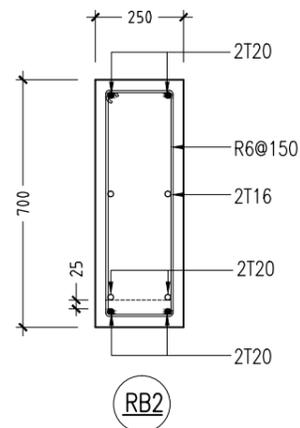
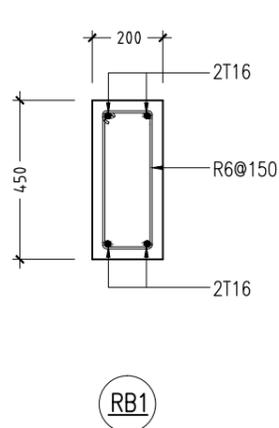
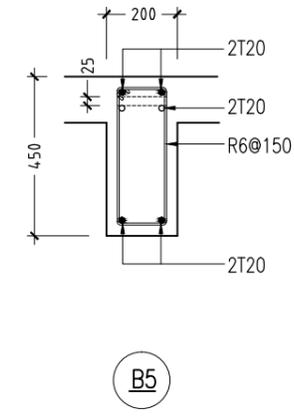
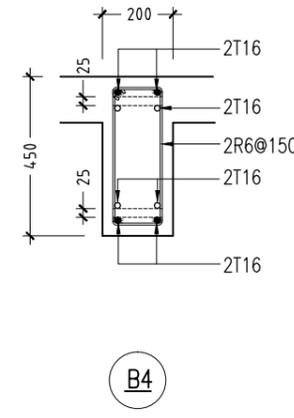
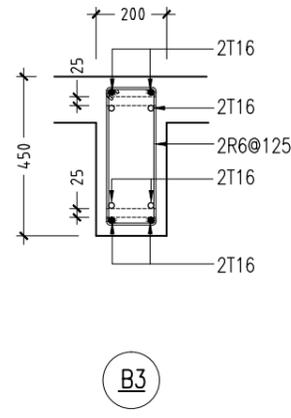
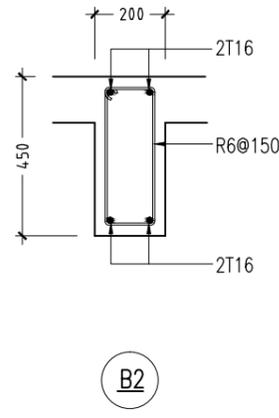
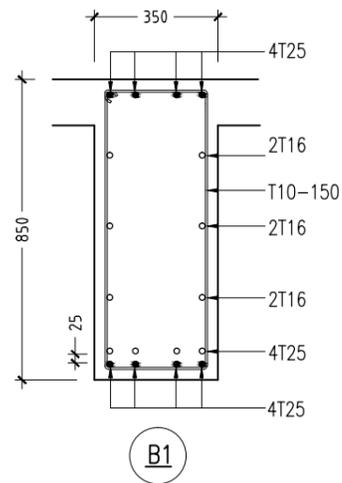
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<b>S-08</b>
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016	
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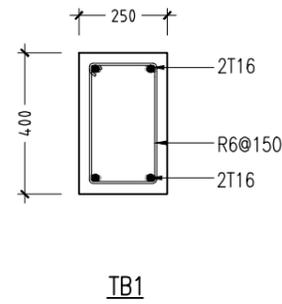
FOOTING	LENGTH/mm	WIDTH/mm	DEPTH/mm	REINFORCEMENT
F1	1750	1750	350	T12@150mm C/C BW BOTTOM
F2	800	800	350	T12@150mm C/C BW BOTTOM
F3	1000	1000	350	T12@150mm C/C BW BOTTOM
F4	1150	1150	350	T12@150mm C/C BW BOTTOM
F5	1450	1450	350	T12@150mm C/C BW BOTTOM
F6	1250	1250	350	T12@150mm C/C BW BOTTOM
F7	1350	1350	350	T12@125mm C/C BW BOTTOM
F8	1850	1850	350	T12@100mm C/C BW BOTTOM
F9	600	600	350	T12@100mm C/C BW BOTTOM

### FOOTING DETAILS

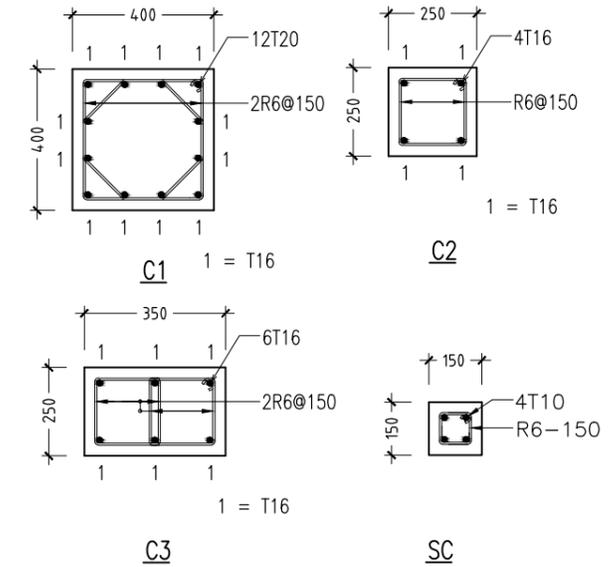


LINTELS OVER ALL DOORS, WINDOWS,  
(THAT DO NOT RISE TO ROOF BEAM LEVEL)  
STRUCTURAL OPENINGS IN WALLS

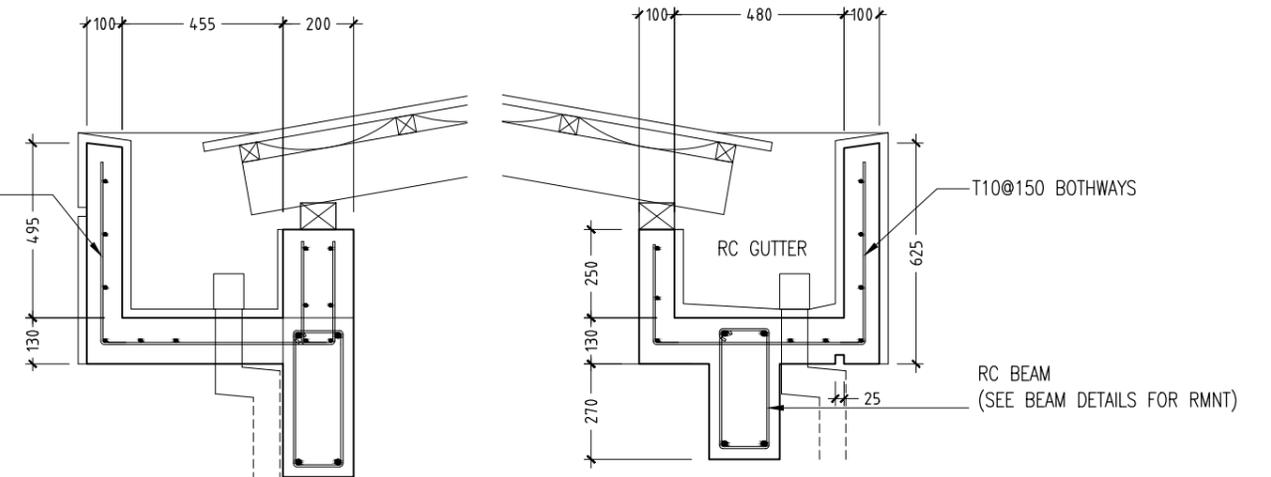
### LINTEL/SILL BEAM DETAILS SCALE 1:20



### FOUNDATION BEAM DETAILS SCALE 1:20



### COLUMN DETAILS SCALE 1:20



### GUTTER DETAILS SCALE 1:20

NOTE :

- COVER TO BEAMS : 35MM
- COVER TO COLUMNS : 40MM
- CONCRETE MIX : 1:2:3 UNLESS STATED
- ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

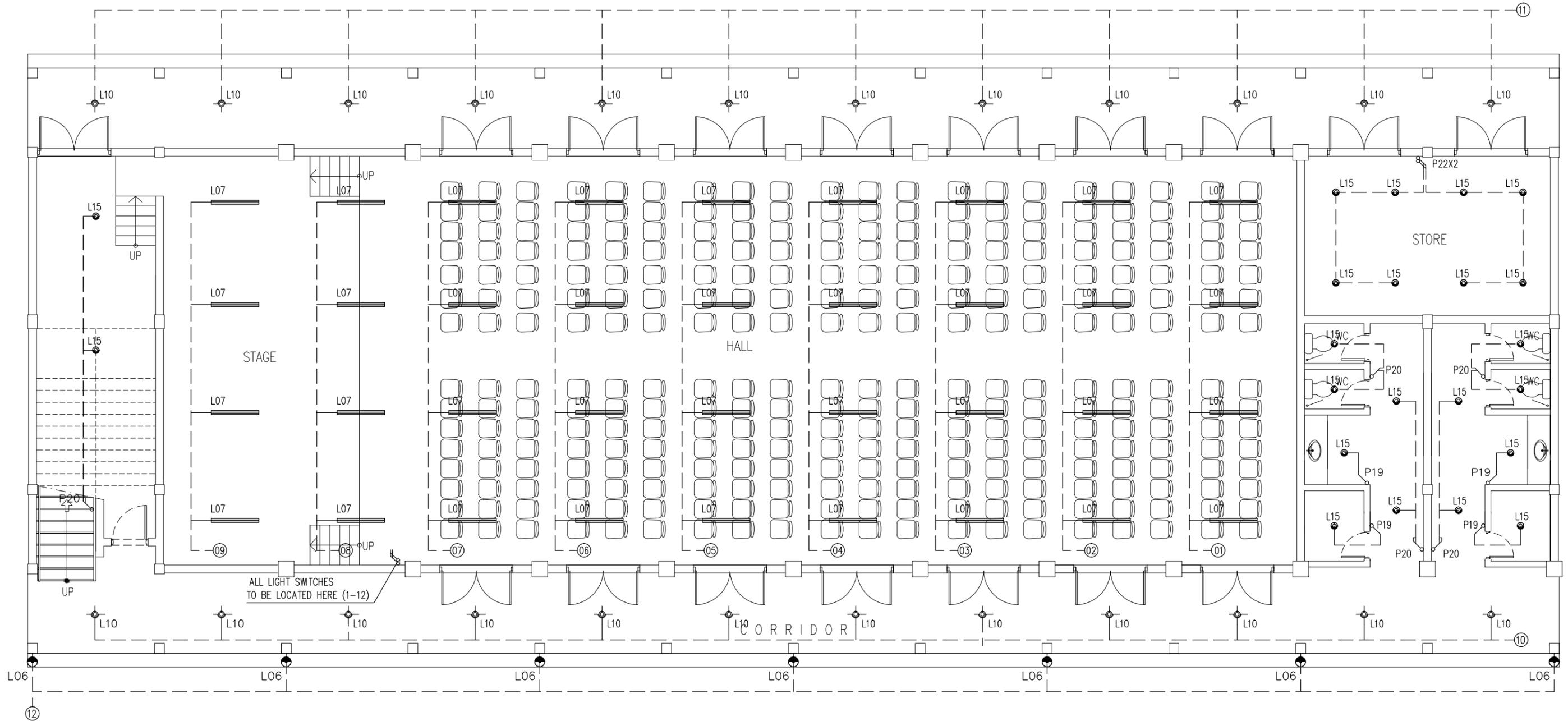
### RC BEAM DETAILS SCALE 1:20

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO
	SERVICES ENG:	DRAWING TITLE: AS GIVEN
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016
		PROJECT NO.: S-09
		DWG NO:

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LEGEND

SYMBOL	CODE	DESCRIPTION
	L07	2X36W FLUORESCENT LAMPS IN SURFACE MOUNT LUMINAIRE WITH DIFFUSER
	L09	WALL MOUNT ENERGY SAVING LIGHT
	L10	1X26W COMPACT FLUORESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
	L15	1X60W INCANDESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
	L17	1X60W INCANDESCENT LAMPS IN SURFACE MOUNT WEATHER PROOF LUMINAIRE

	P19	1GANG 1 WAY SWITCH
	P20	2GANG 1 WAY SWITCH
	P21	3GANG 1 WAY SWITCH
	P22	4GANG 1 WAY SWITCH

GROUND FLOOR LIGHTING LAYOUT PLAN

SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



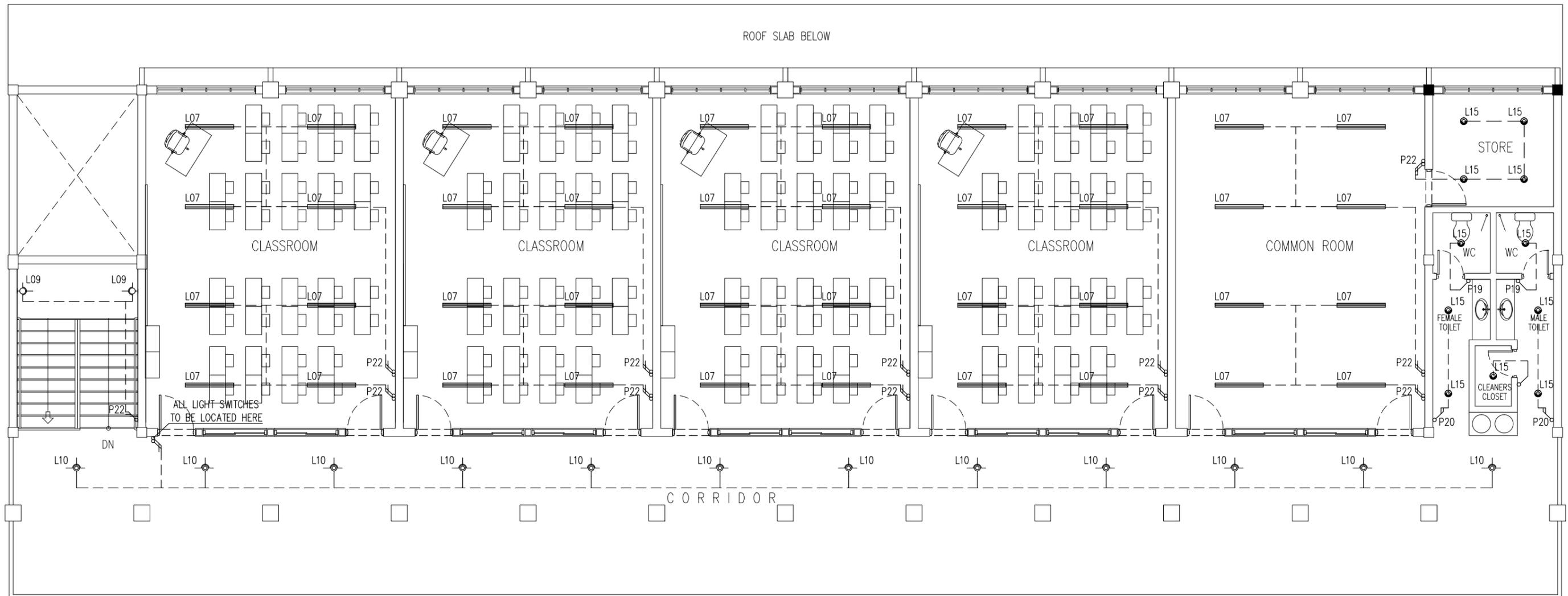
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO
	SERVICES ENG:	DRAWING TITLE: AS GIVEN
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016

E-01

DWG NO

PROJECT NO.:

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LEGEND

SYMBOL	CODE	DESCRIPTION
	L07	2X36W FLUORESCENT LAMPS IN SURFACE MOUNT LUMINAIRE WITH DIFFUSER
	L09	WALL MOUNT ENERGY SAVING LIGHT
	L10	1X26W COMPACT FLUORESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
	L15	1X60W INCANDESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
	L17	1X60W INCANDESCENT LAMPS IN SURFACE MOUNT WEATHER PROOF LUMINAIRE

	P19	1GANG 1 WAY SWITCH
	P20	2GANG 1 WAY SWITCH
	P21	3GANG 1 WAY SWITCH
	P22	4GANG 1 WAY SWITCH

1ST FLOOR LIGHTING LAYOUT PLAN

SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:

ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MARIYAM SAMAAHU  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: ASFAN AHMED

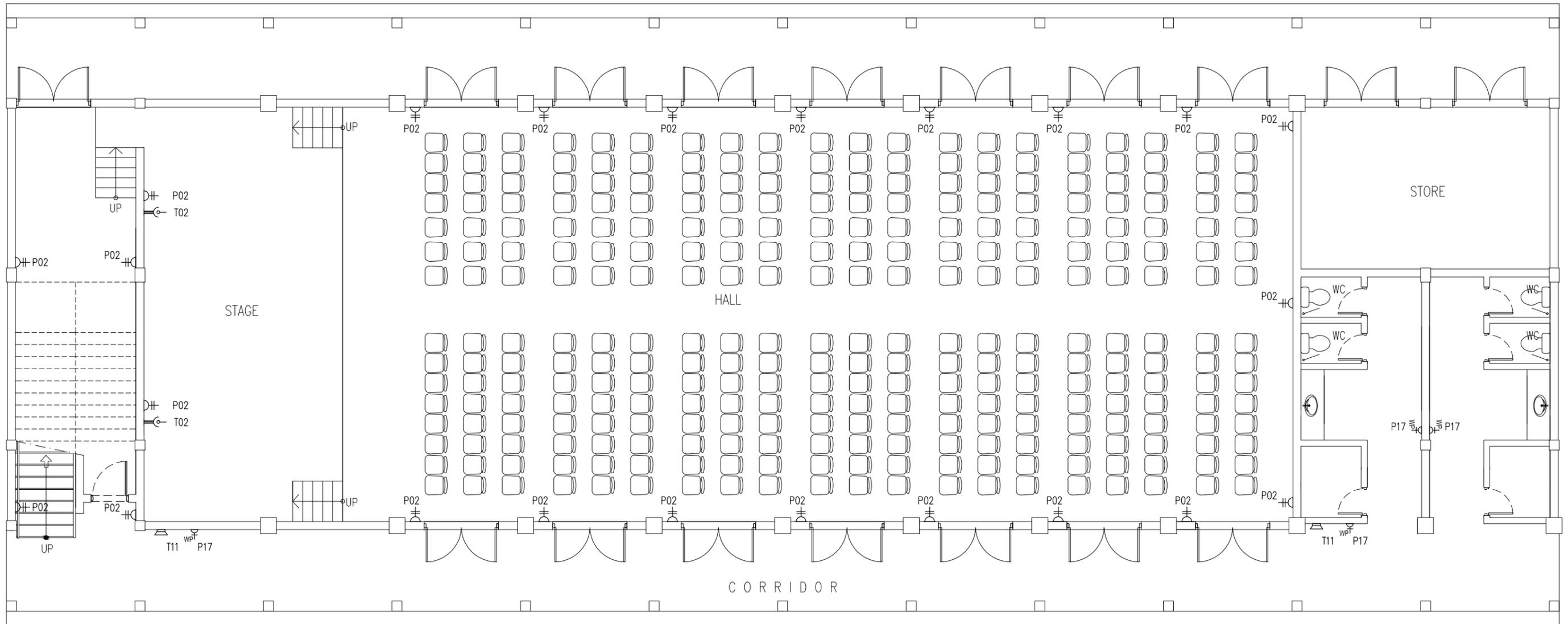
PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK (02 STOREY)  
LOCATION: B. KENDHOO  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016

E-02

DWG NO

PROJECT NO.:

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### GROUND FLOOR POWER/SOCKET LAYOUT PLAN

SCALE 1:100

#### LEGEND

SYMBOL	CODE	DESCRIPTION
	P01	1 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
	P02	2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
	P15	1 GANG15A SOCKET OUTLET AT CEILING LEVEL
	P16	1 GANG13A SOCKET OUTLET AT CEILING LEVEL
	P17	1 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL (WEATHER PROOF)
	VGA01	VGA CABLE
	P33	DISTRIBUTION BOARD

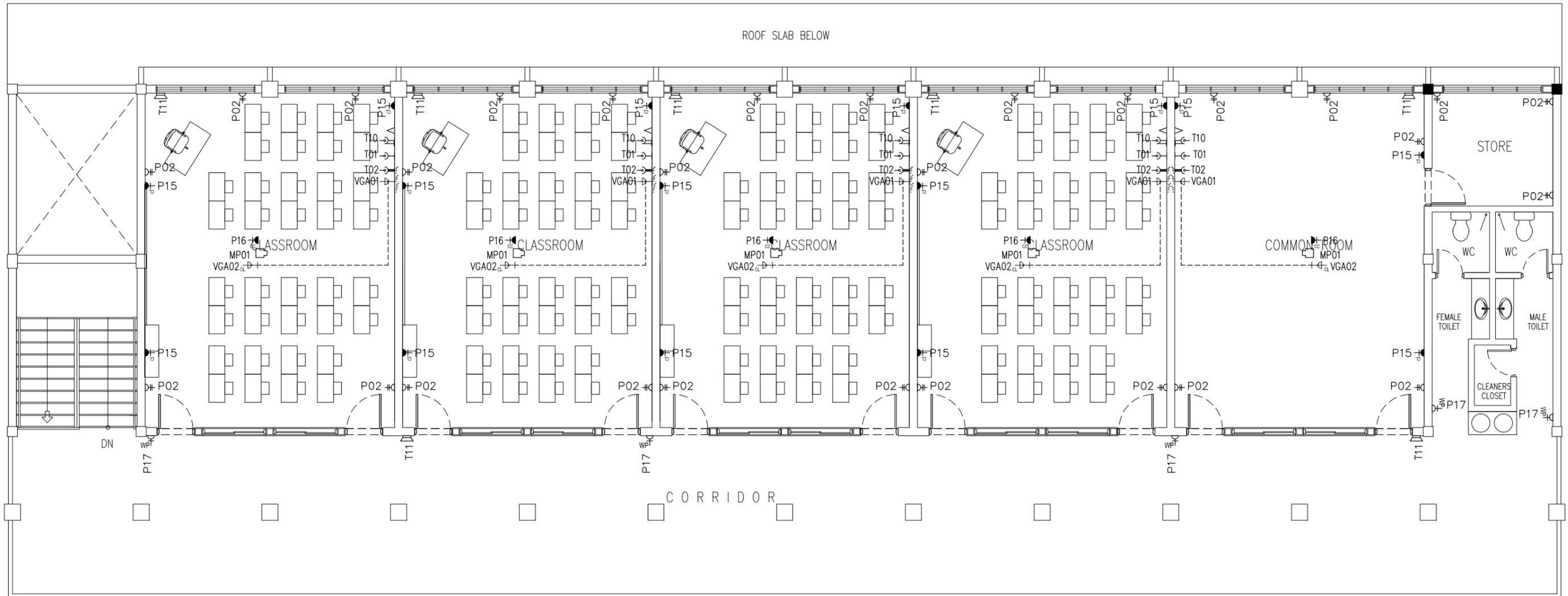
	VGA02	VGA CABLE AT CEILING LEVEL
	T01	PLAIN TELEPHONE OUTLET
	T02	COMPUTER NETWORK OUTLET
	MP01	MULTIMEDIA PROJECTOR
	T10	T.V POINT
	T11	SPEAKER

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO
	SERVICES ENG:	DRAWING TITLE: AS GIVEN
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016
		<b>E-03</b>
		DWG NO:
		PROJECT NO.:

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### 1ST FLOOR POWER/SOCKET LAYOUT PLAN

SCALE 1:100

#### LEGEND

SYMBOL	CODE	DESCRIPTION
	P01	1 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
	P02	2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
	P15	1 GANG15A SOCKET OUTLET AT CEILING LEVEL
	P16	1 GANG13A SOCKET OUTLET AT CEILING LEVEL
	P17	1 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL (WEATHER PROOF)
	VGA01	VGA CABLE
	P33	DISTRIBUTION BOARD

	VGA02	VGA CABLE AT CEILING LEVEL
	T01	PLAIN TELEPHONE OUTLET
	T02	COMPUTER NETWORK OUTLET
	MP01	MULTIMEDIA PROJECTOR
	T10	T.V. POINT
	T11	SPEAKER

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

**ArchEng studio**  
Ma Fiyajahaage, 1st floor, Male, Republic of Maldives  
admin@archeng.biz

REVISION:

ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MARIYAM SAMAAHU  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: ASFAN AHMED

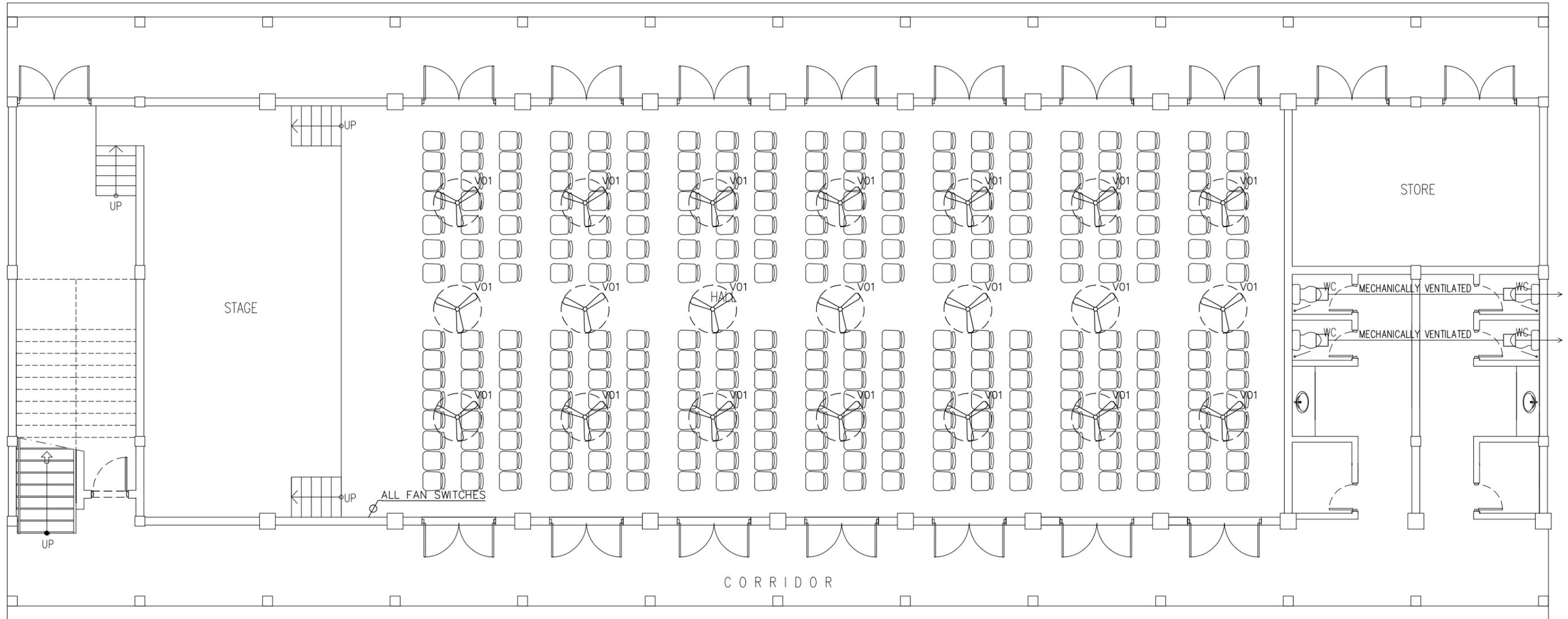
PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )  
LOCATION: B. KENDHOO  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016

**E-04**

DWG NO

PROJECT NO.:

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LEGEND

∅	P23	FAN / LIGHT DIMMER SWITCH
	V01b	DIA. 1200 CEILING FAN

GROUND FLOOR FAN LAYOUT PLAN

SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:

ARCHITECT: MOHAMED HAMEEN  
 ENGINEER: MARIYAM SAMAAHU  
 SERVICES ENG:  
 ESTIMATOR:  
 DRAWN BY: ASFAN AHMED

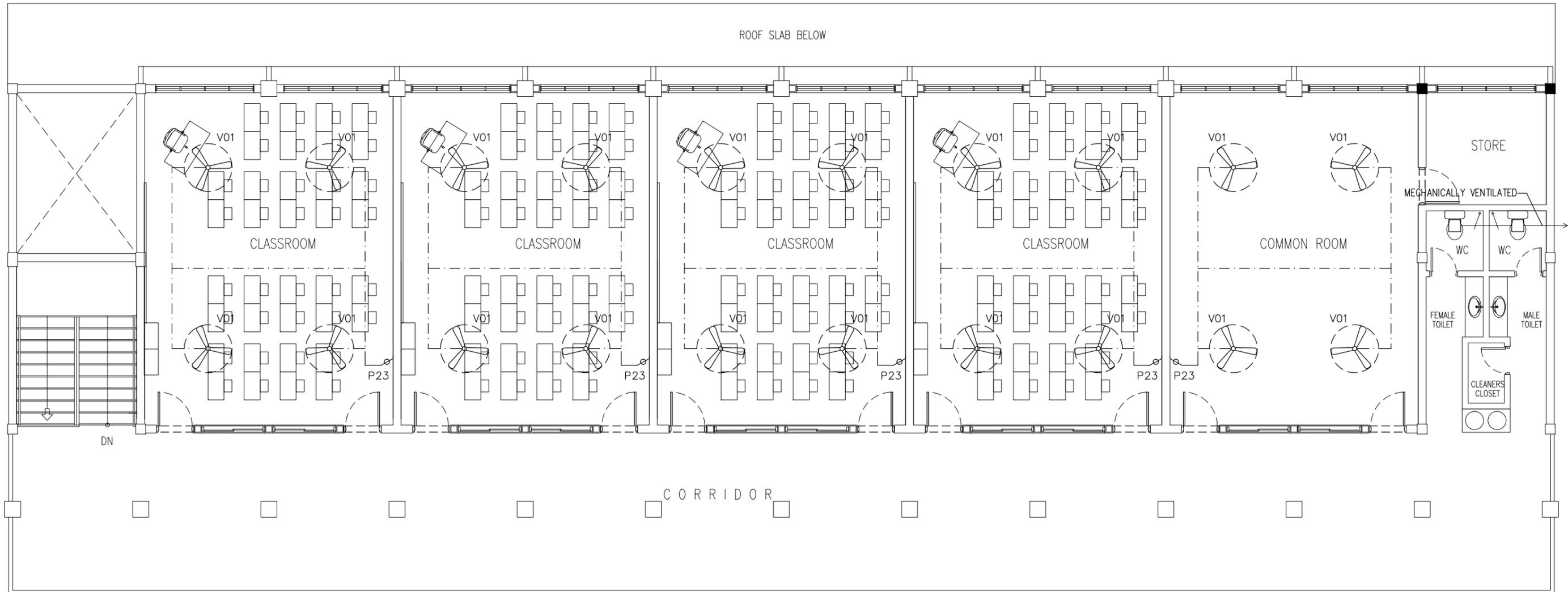
PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )  
 LOCATION: B. KENDHOO  
 DRAWING TITLE: AS GIVEN  
 CLIENT: MINISTRY OF EDUCATION  
 SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016

E-05

DWG NO

PROJECT NO.:

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LEGEND

$\phi$	P23	FAN / LIGHT DIMMER SWITCH
	V01b	DIA. 1200 CEILING FAN

**1ST FLOOR FAN LAYOUT PLAN**  
SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS.



REVISION:

ARCHITECT: MOHAMED HAMEEN

ENGINEER: MARIYAM SAMAAHU

SERVICES ENG:

ESTIMATOR:

DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )

LOCATION: B. KENDHOO

DRAWING TITLE: AS GIVEN

CLIENT: MINISTRY OF EDUCATION

SCALE: AS GIVEN

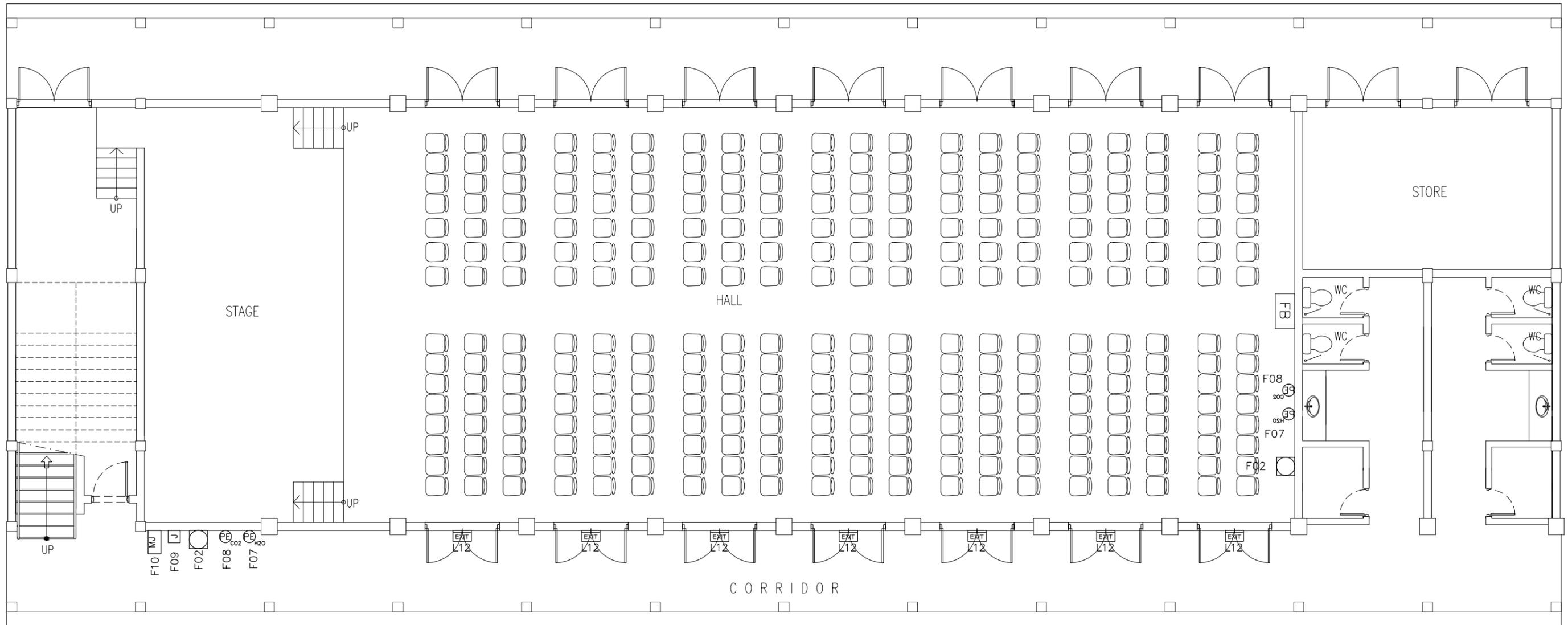
DIMENSION: MM

DATE: MAY 2016

**E-06**

DWG NO

PROJECT NO.:



**FIRE SAFETY LEGEND**

SYMBOL	CODE	DESCRIPTION
	F02	BREAK GLASS MANUAL CALL POINT
	F03	SMOKE DETECTOR
	F05	FIRE ALARM BELL
	F07	PORTABLE EXTINGUISHER (H2O)
	F08	PORTABLE EXTINGUISHER (CO2)
	F06	JUNCTION BOX
	F09	CONVENTIONAL FIRE ALARM PANEL
	L12	EXIT SIGN

**GROUND FLOOR FIRE SAFETY PLAN**

SCALE 1:100

NOTE: ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUITE

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS, FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:

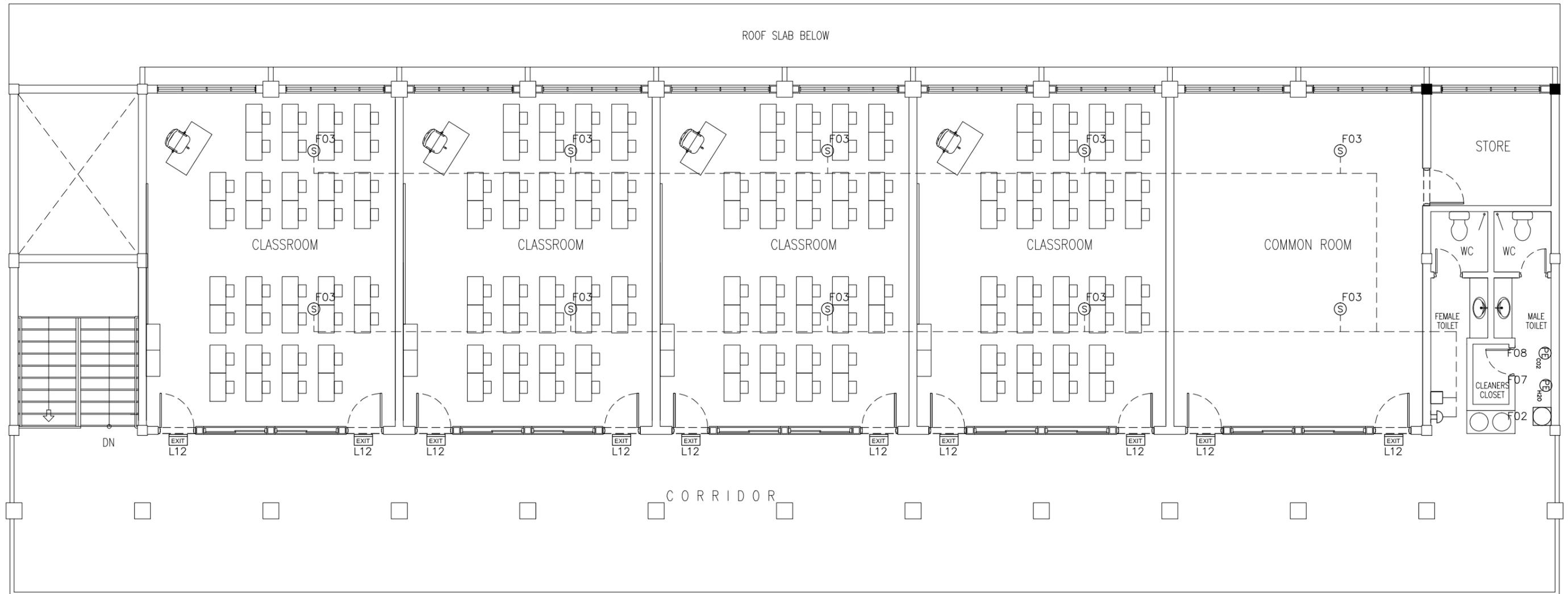
ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MARIYAM SAMAAHU  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )  
LOCATION: B. KENDHOO  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016

**F-01**

DWG NO  
PROJECT NO.:

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### FIRE SAFETY LEGEND

SYMBOL	CODE	DESCRIPTION
□	F02	BREAK GLASS MANUAL CALL POINT
⊙	F03	SMOKE DETECTOR
⊕	F05	FIRE ALARM BELL
⊕ <sub>H2O</sub>	F07	PORTABLE EXTINGUISHER (H2O)
⊕ <sub>CO2</sub>	F08	PORTABLE EXTINGUISHER (CO2)
⊠	F06	JUNCTION BOX
⊠ <sub>MJ</sub>	F09	CONVENTIONAL FIRE ALARM PANEL
EXIT	L12	EXIT SIGN

### 1ST FLOOR FIRE SAFETY PLAN

SCALE 1:100

NOTE: ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUITE

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS, FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:

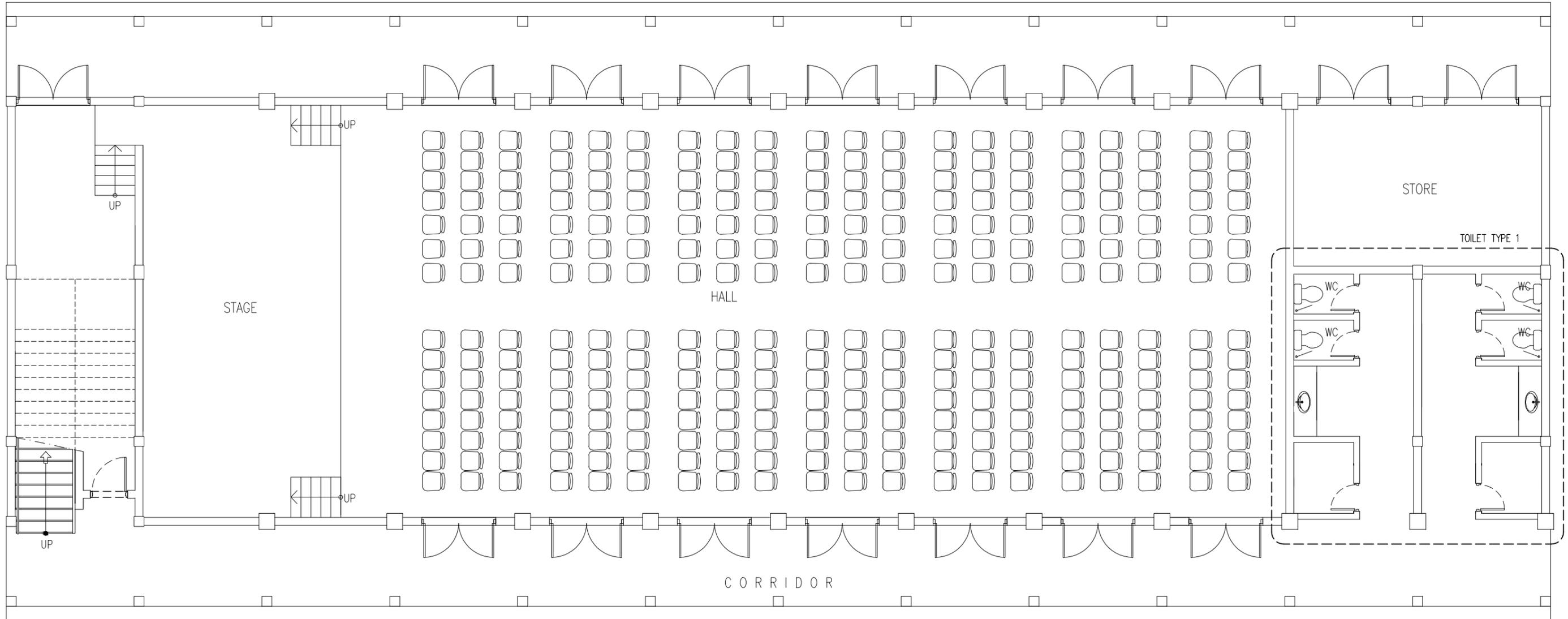
ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MARIYAM SAMAAHU  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK (02 STOREY)  
LOCATION: B. KENDHOO  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016

F-02

DWG NO

PROJECT NO:

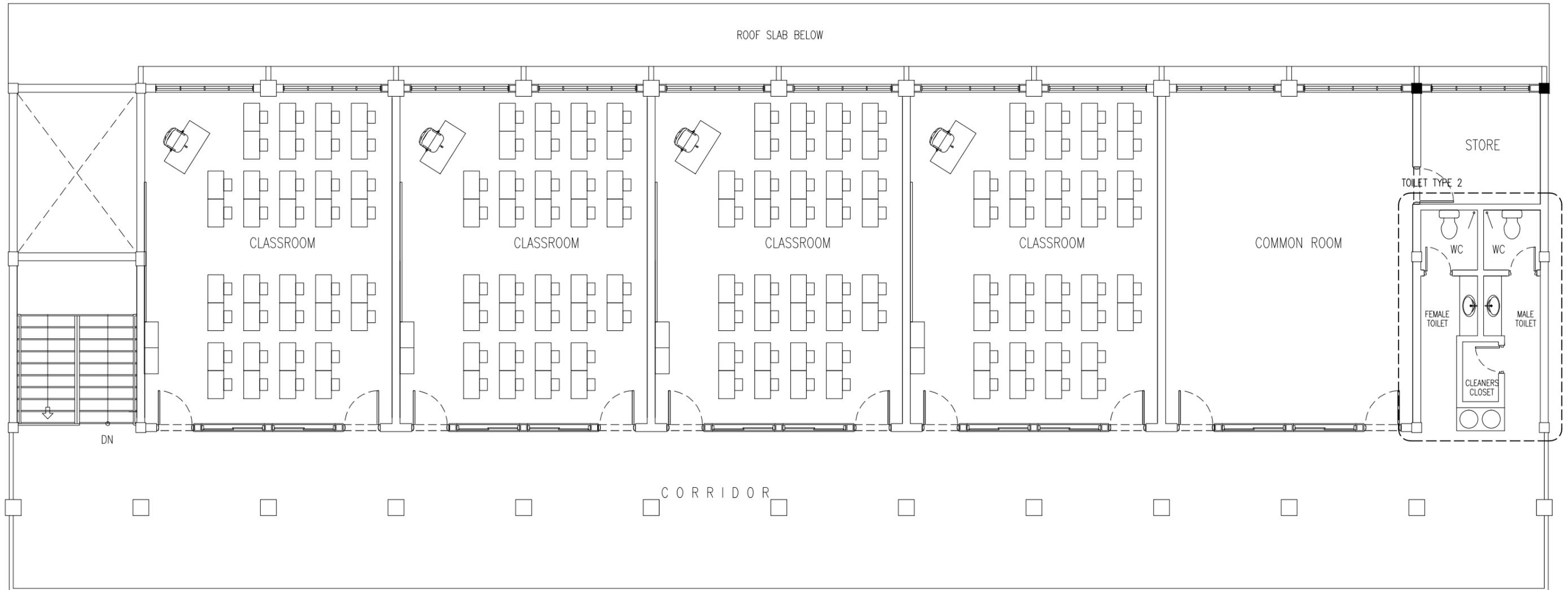


**GROUND FLOOR PLUMBING KEY PLAN**  
SCALE 1:100

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<b>P-01</b>
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN    DIMENSION: MM    DATE: MAY 2016	
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**1ST FLOOR PLUMBING KEY PLAN**  
SCALE 1:100

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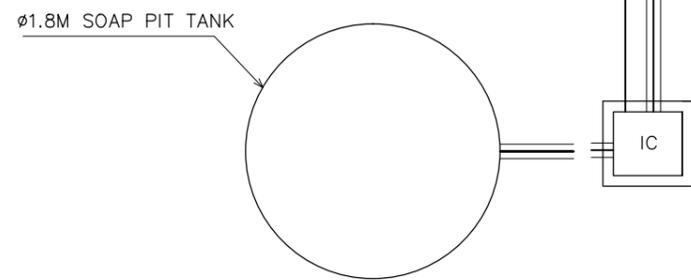
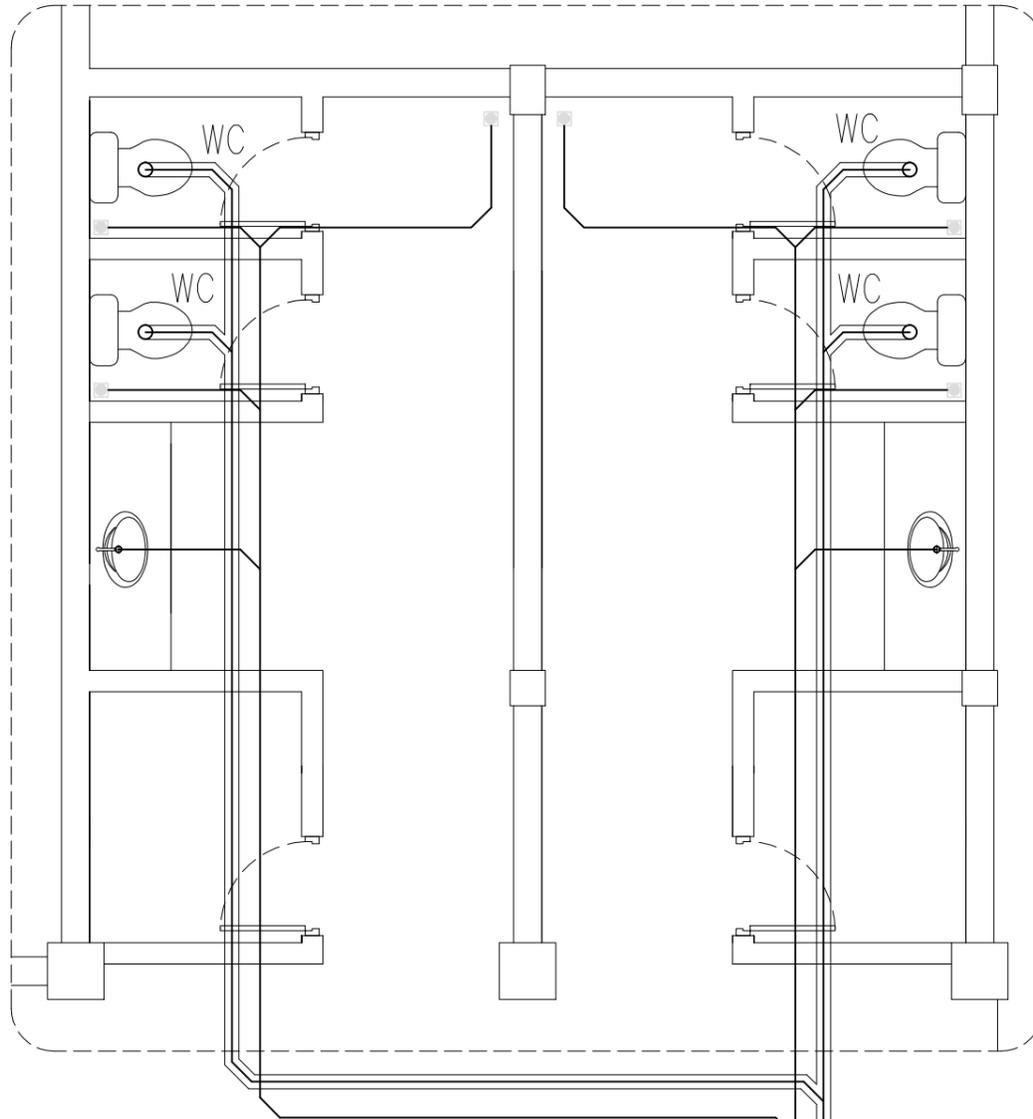
REVISION:	

ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MARIYAM SAMAAHU
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

PROJECT:	PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )		
LOCATION:	B. KENDHOO		
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	MAY 2016

<b>P-02</b>
DWG NO
PROJECT NO:

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NOTE: TO BE DETERMINED ON SITE

LEGEND

SYMBOL	DESCRIPTION
	TAP
	MUSLIM SHOWER
	MWSC WATER SUPPLY (ø12-ø35)
	FLOOR DRAIN
	UPVC HIGH PRESSURE WASTE WATER PIPE (ø75-ø100)
	SEWAGE DISPOSAL (ø100)
	INSPECTION CHAMBER

**SEWAGE AND WASTE DISPOSAL PLAN (TOILET TYPE 1)**

SCALE 1:50

CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS

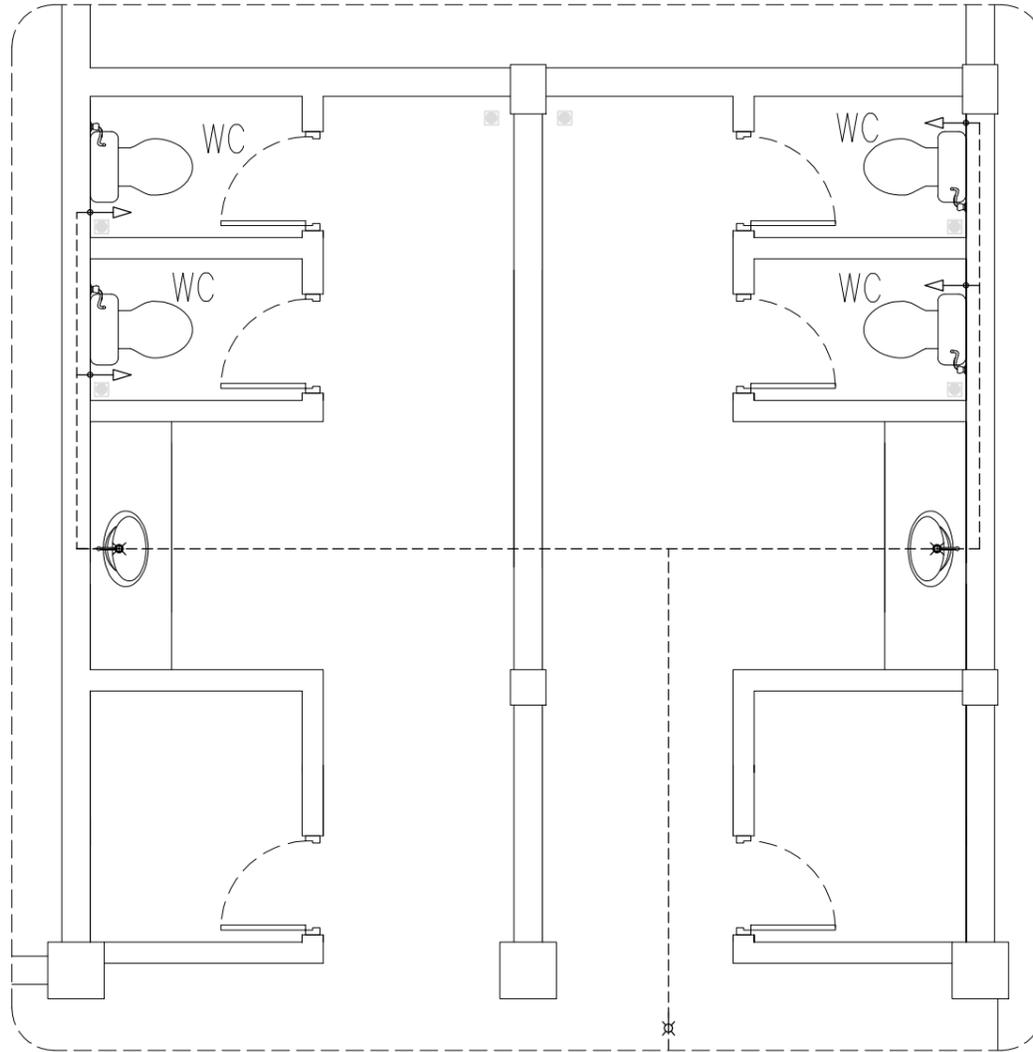


REVISION:	ARCHITECT: MOHAMED HAMEEN
	ENGINEER: MARIYAM SAMAAHU
	SERVICES ENG:
	ESTIMATOR:
	DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )
LOCATION: B. KENDHOO
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016

**P-03**

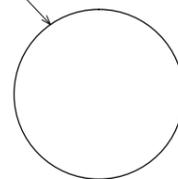
DWG NO:  
PROJECT NO.:



LEGEND

SYMBOL	DESCRIPTION
	TAP
	MUSLIM SHOWER
	MWSC WATER SUPPLY (ø12-ø35)
	FLOOR DRAIN
	UPVC HIGH PRESSURE WASTE WATER PIPE (ø75-ø100)
	SEWAGE DISPOSAL (ø100)
	INSPECTION CHAMBER

ø1.2M GRD WELL



NOTE: TO BE DETERMINED  
ON SITE

**FRESH WATER SUPPLY PLAN  
(TOILET TYPE 1)**

SCALE 1:50

CONTRACTORS MUST  
CHECK ALL  
DIMENSIONS ON SITE  
BEFORE STARTING  
ANY WORK OR SHOP  
DRAWINGS FIGURED  
DIMENSIONS TO TAKE  
PRECEDENCE OVER  
SCALE READINGS



REVISION:

ARCHITECT: MOHAMED HAMEEN

ENGINEER: MARIYAM SAMAAHU

SERVICES ENG:

ESTIMATOR:

DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )

LOCATION: B. KENDHOO

DRAWING TITLE: AS GIVEN

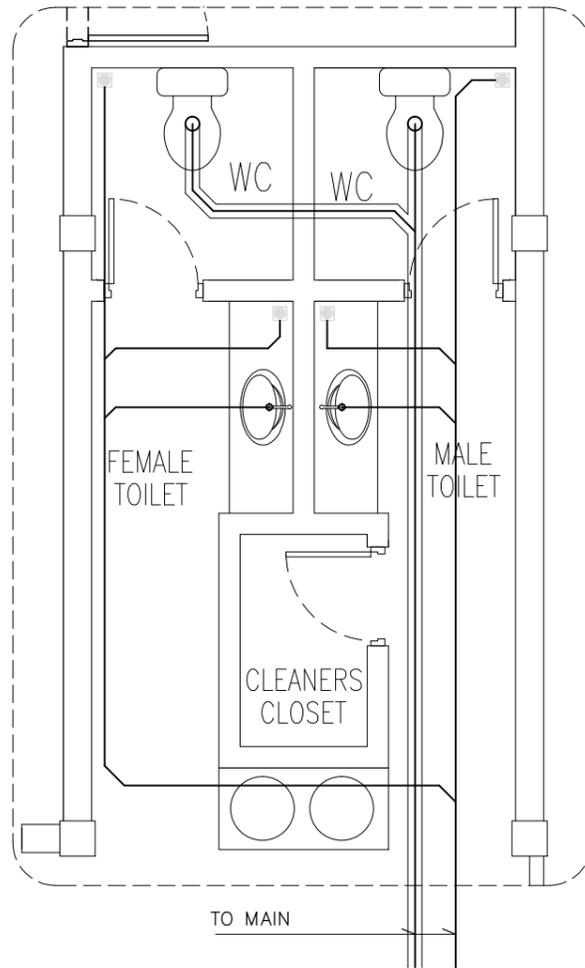
CLIENT: MINISTRY OF EDUCATION

SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016

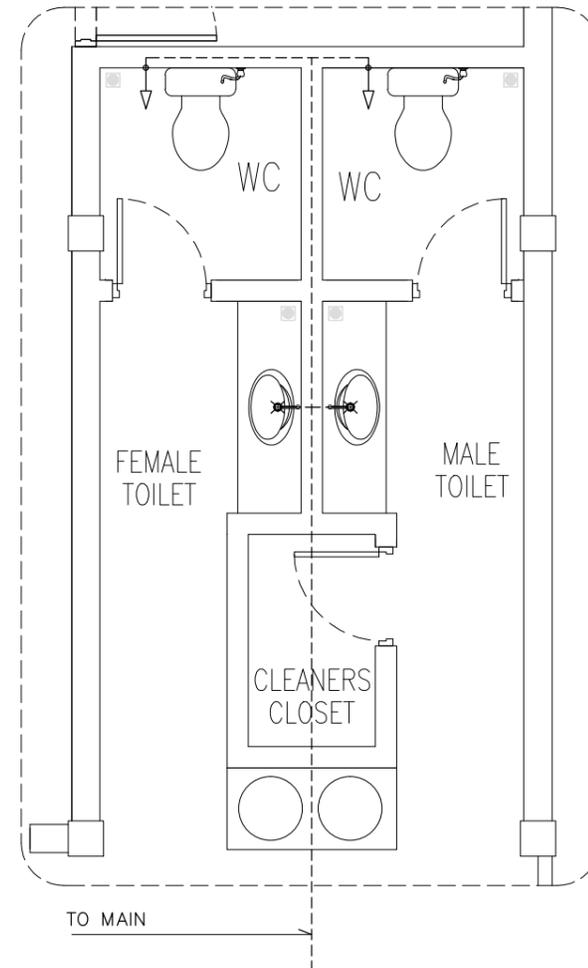
**P-04**

DWG NO

PROJECT NO.:



**SEWAGE AND WASTE DISPOSAL  
PLAN (TOILET TYPE 2)**  
SCALE 1:50

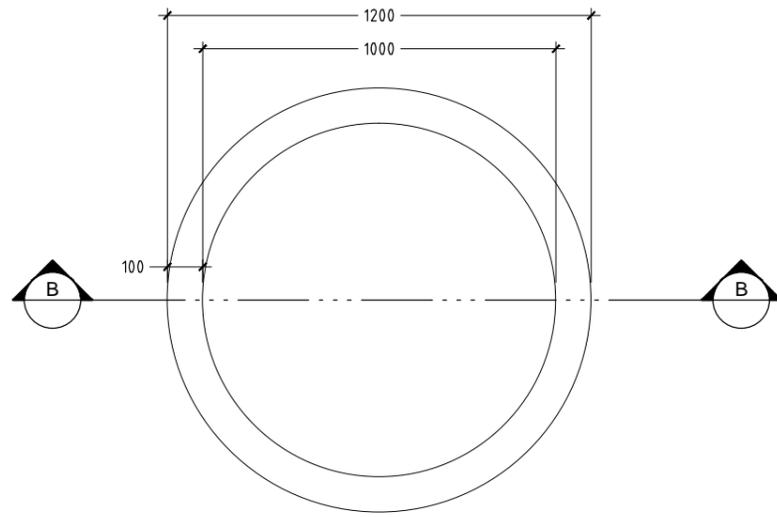


**FRESH WATER SUPPLY PLAN  
(TOILET TYPE 2)**  
SCALE 1:50

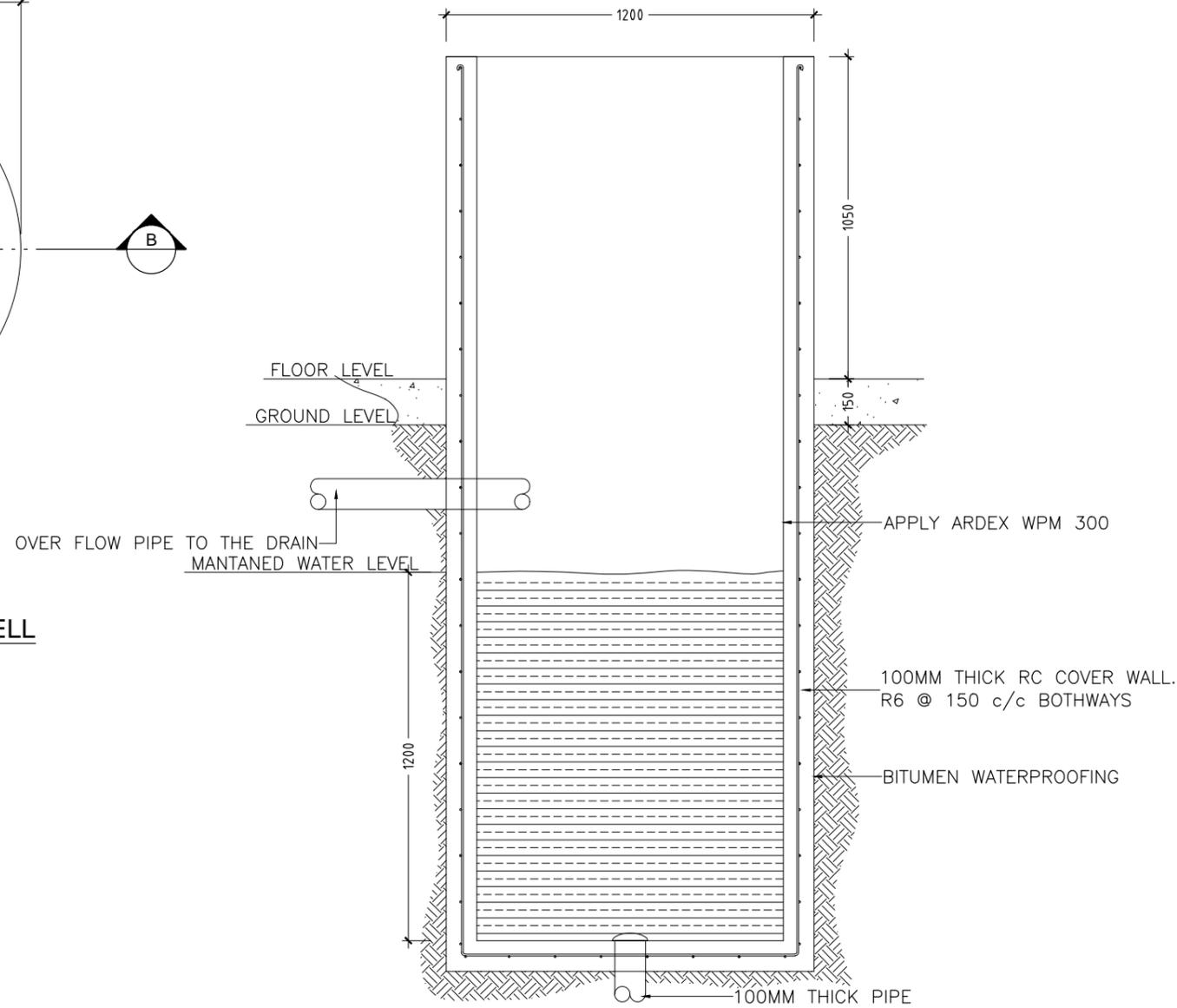
CONTRACTORS MUST  
CHECK ALL  
DIMENSIONS ON SITE  
BEFORE STARTING  
ANY WORK OR SHOP  
DRAWINGS. FIGURED  
DIMENSIONS TO TAKE  
PRECEDENCE OVER  
SCALE READINGS



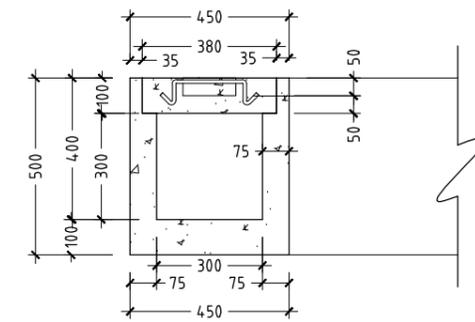
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<b>P-05</b>
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN    DIMENSION: MM    DATE: MAY 2016	
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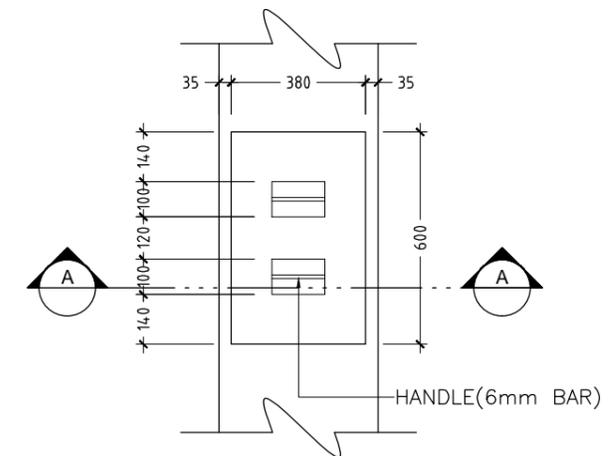
**DETAIL B/ PLAN VIEW OF WELL**  
SCALE 1 : 20



**DETAIL B/ SECTION A-A OF WELL**  
SCALE 1 : 20



**DETAIL A/ SECTION A-A**  
SCALE 1 : 20

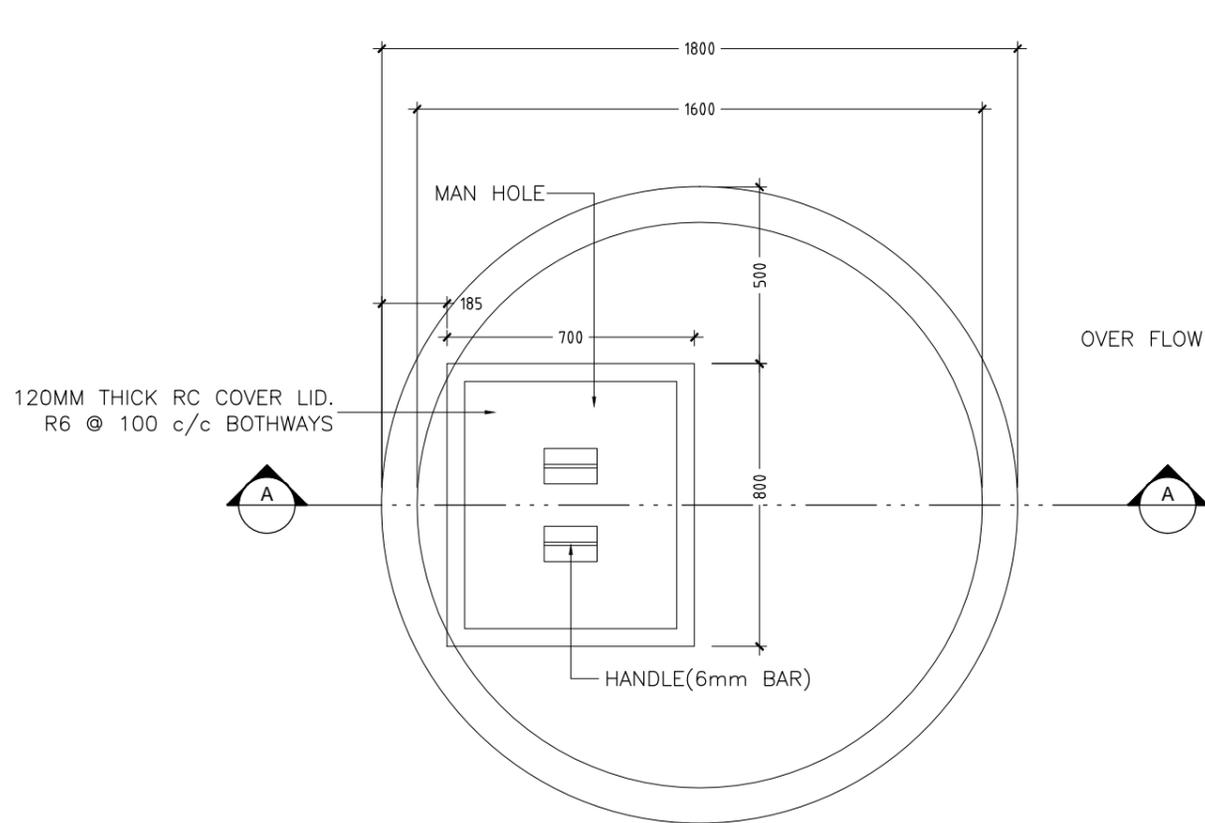


**DETAIL A / PLAN VIEW OF INSPECTION POINT**  
SCALE 1 : 20

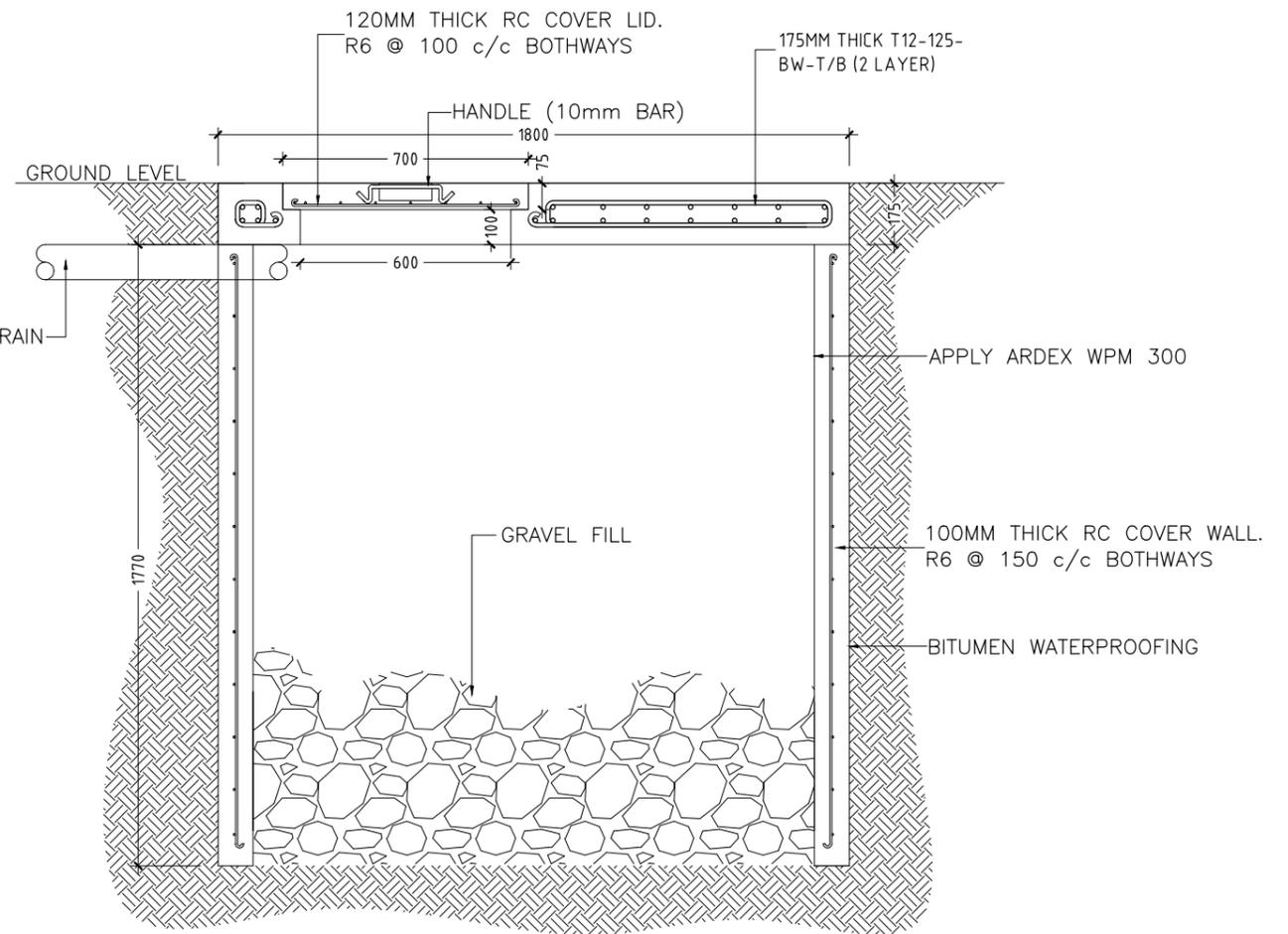
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<b>P-06</b>
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN    DIMENSION: MM    DATE: MAY 2016	
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**DETAIL A/ PLAN VIEW OF SOAK PIT TANK**  
SCALE 1 : 20



**DETAIL A/ SECTION A-A OF SOAK PIT TANK**  
SCALE 1 : 20

CONTRACTORS MUST  
CHECK ALL  
DIMENSIONS ON SITE  
BEFORE STARTING  
ANY WORK OR SHOP  
DRAWINGS. FIGURED  
DIMENSIONS TO TAKE  
PRECEDENCE OVER  
SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )	<b>P-07</b>
	ENGINEER: MARIYAM SAMAAHU	LOCATION: B. KENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN    DIMENSION: MM    DATE: MAY 2016	
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