

# GEMANAFUSHI SCHOOL

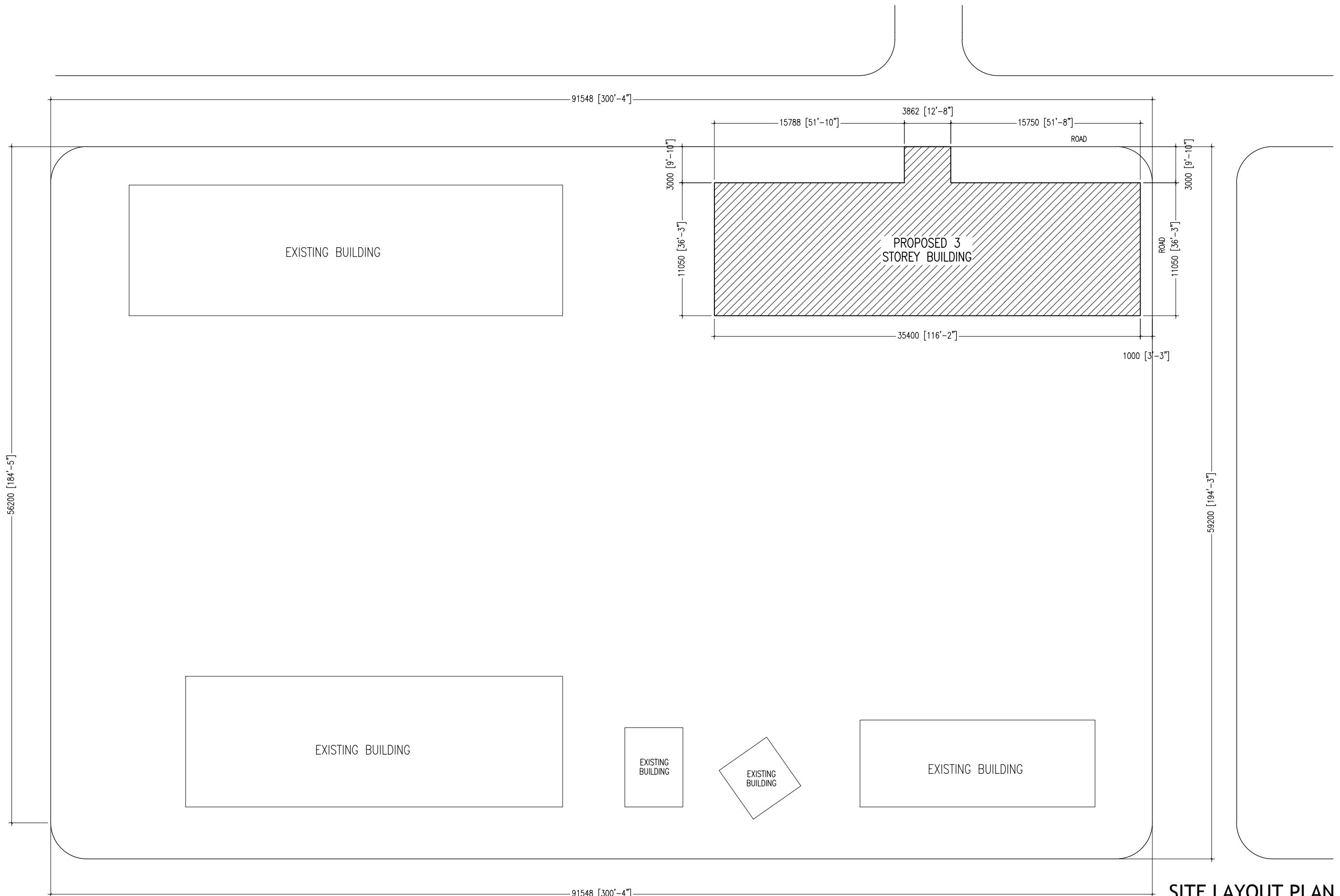
## -THREE STOREY BUILDING- ARCHITECTURAL & STRUCTURAL DRAWINGS

MARCH 2015

CLIENT : MINISTRY OF EDUCATION

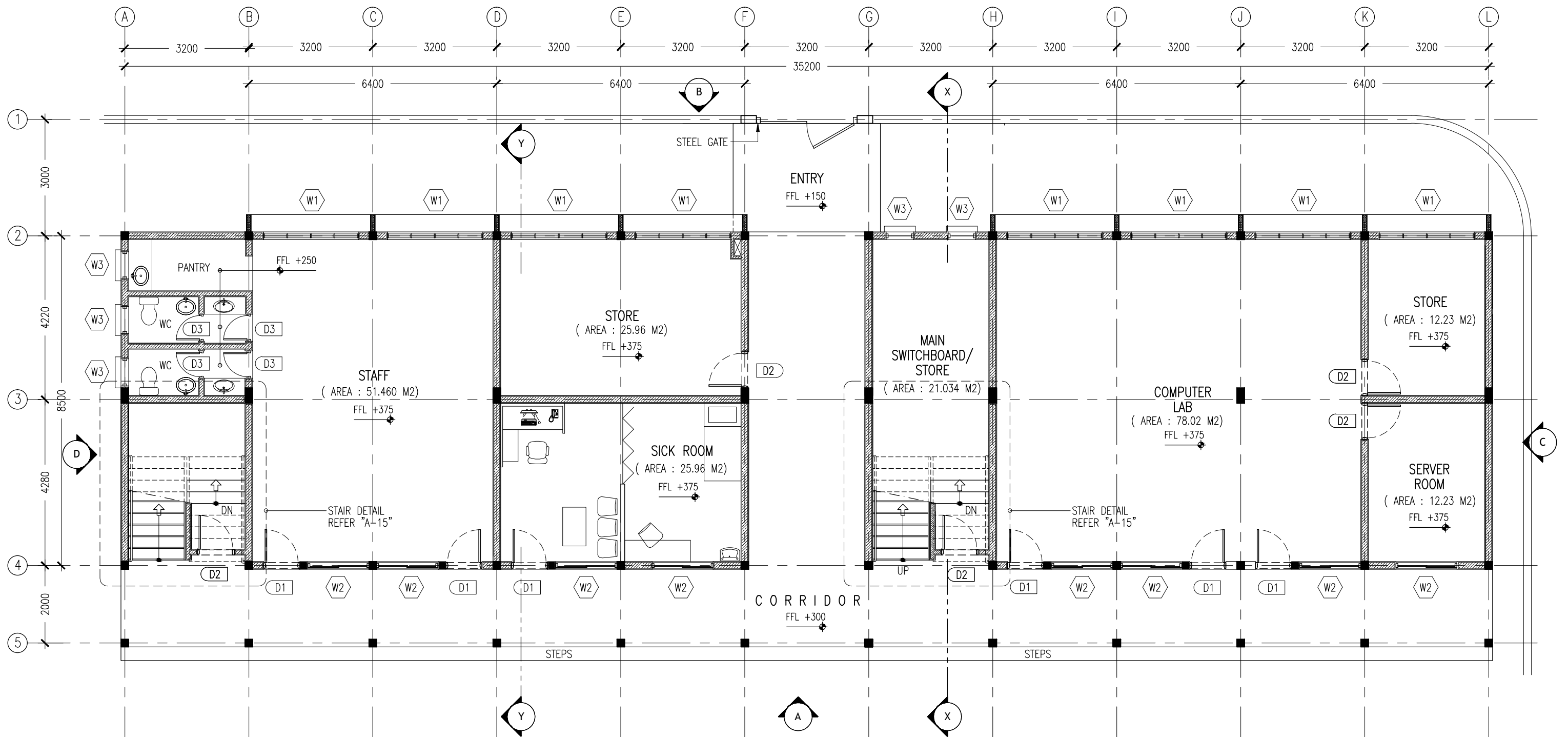
DESIGN BY

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



TOTAL PROPOSED BUILDING AREA: 402.75 SQM (4335.165 SQF)
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KEY /LEGEND NOTES

	BLOCK MASONRY WALL
	150MM THK RC WALL 850MM HIGH

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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REVISION:

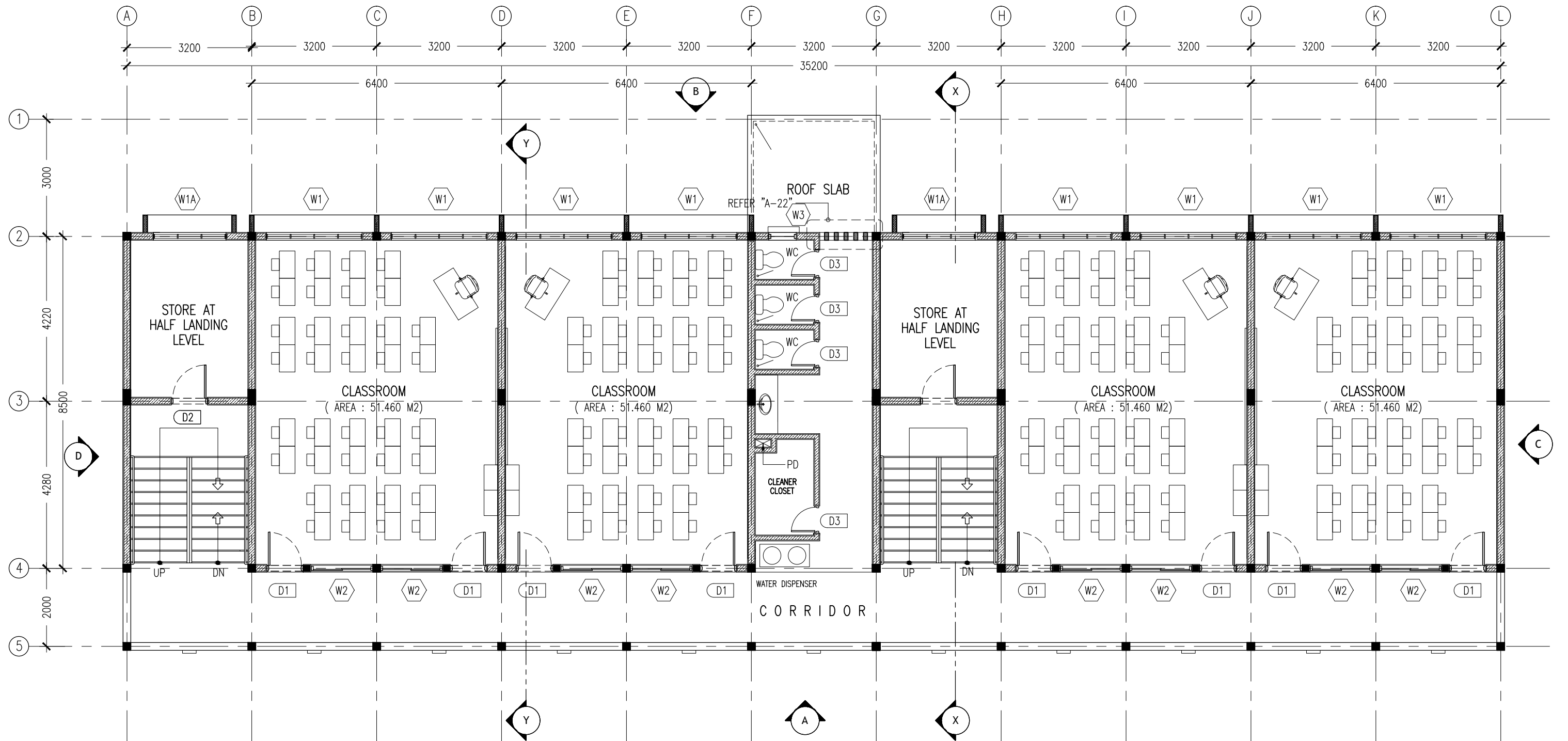
ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: SHAMHAD SAEED

PROJECT: GEMANAFUSHI SCHOOL  
LOCATION: GA.GEMANAFUSHI  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

**A-02**

DWG NO  
PROJECT NO.: 14-109

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#### KEY /LEGEND NOTES

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	150MM THK RC WALL 850MM HIGH

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REVISION:

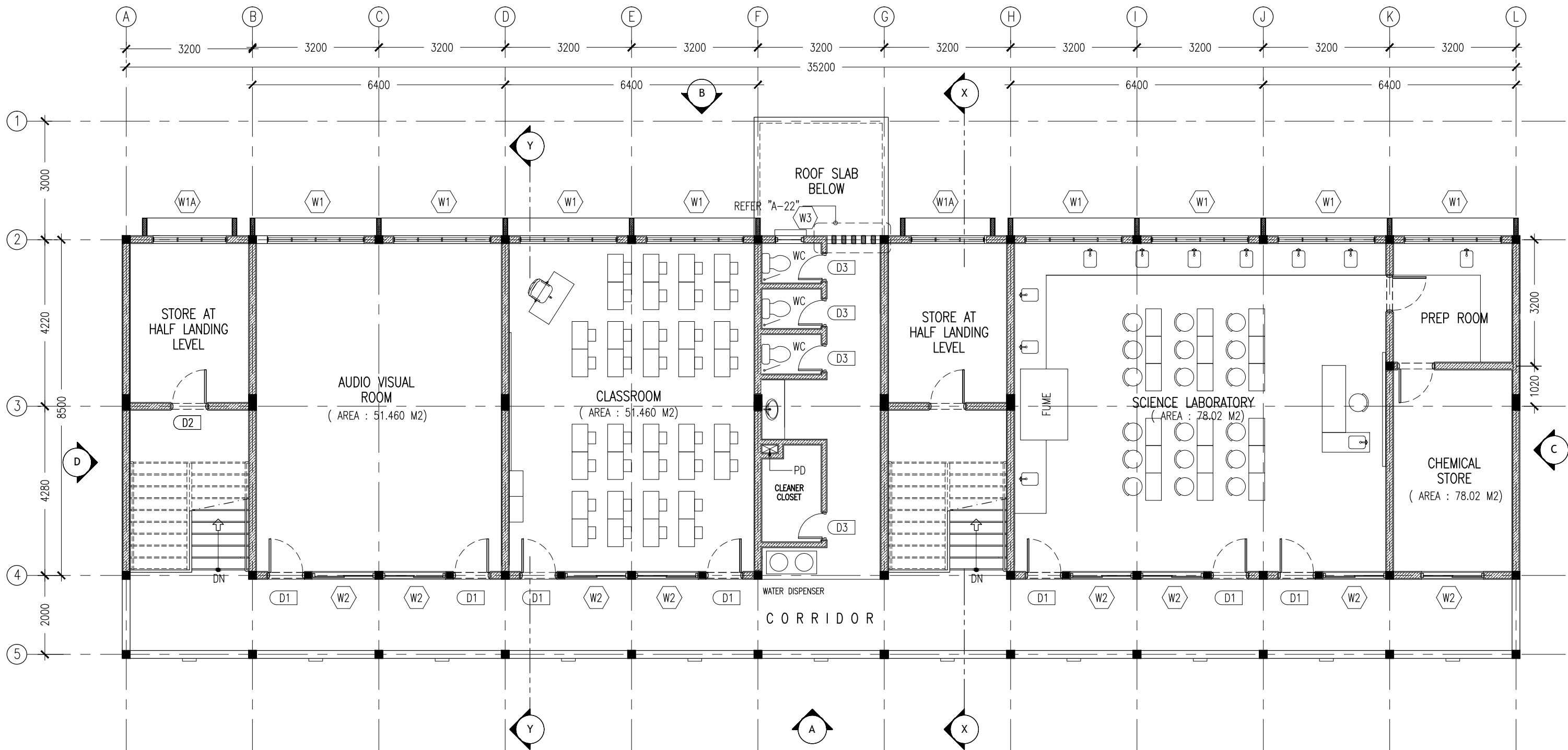
ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: SHAMHAD SAEED

PROJECT: GEMANAFUSHI SCHOOL  
LOCATION: GA.GEMANAFUSHI  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

**A-03**  
DWG NO  
PROJECT NO.: 14-109

#### 1ST FLOOR LAYOUT PLAN SCALE 1:100

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#### KEY /LEGEND NOTES

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ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD SAEED

PROJECT:	GEMANAFUSHI SCHOOL
LOCATION:	GA.GEMANAFUSHI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

# A-04

DWG NO  
PROJECT NO.: 14-109

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ELEVATION - A  
SCALE 1:100

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REVISION:

ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD SAEED

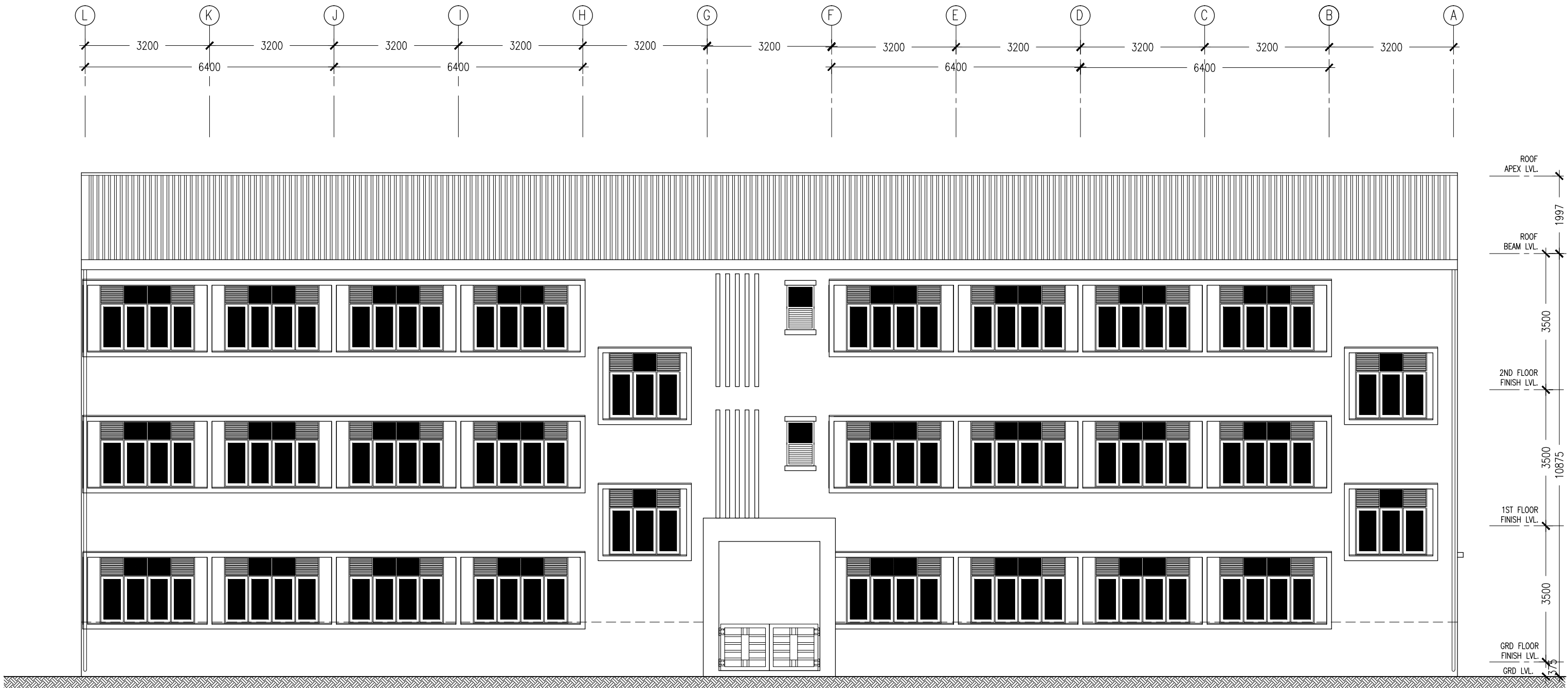
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LOCATION:	GA.GEMANAFUSHI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

A-05

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PROJECT NO.: 14-109

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ELEVATION - B  
SCALE 1:100

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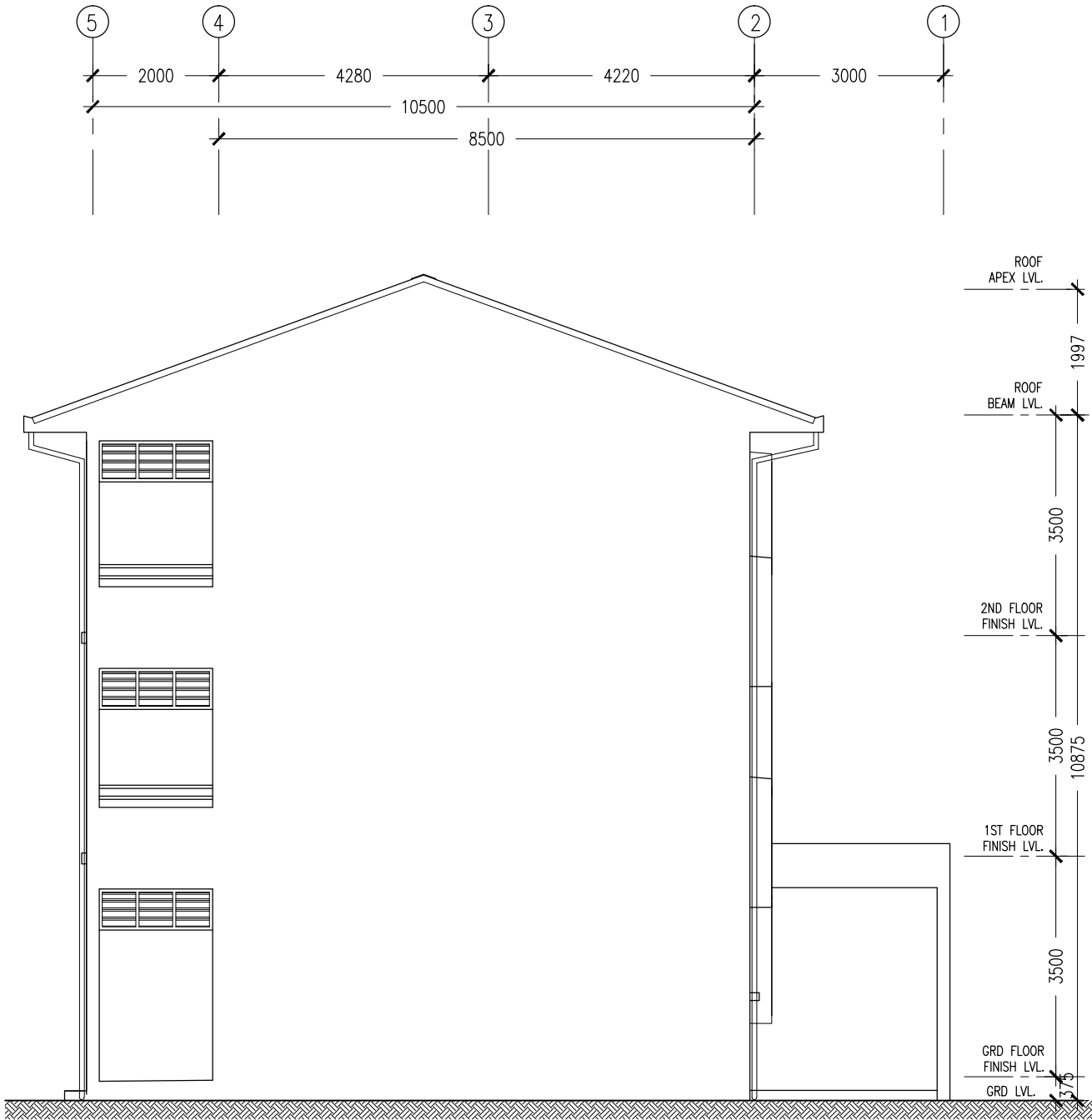
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD SAEED

PROJECT:	GEMANAFUSHI SCHOOL
LOCATION:	GA.GEMANAFUSHI
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CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

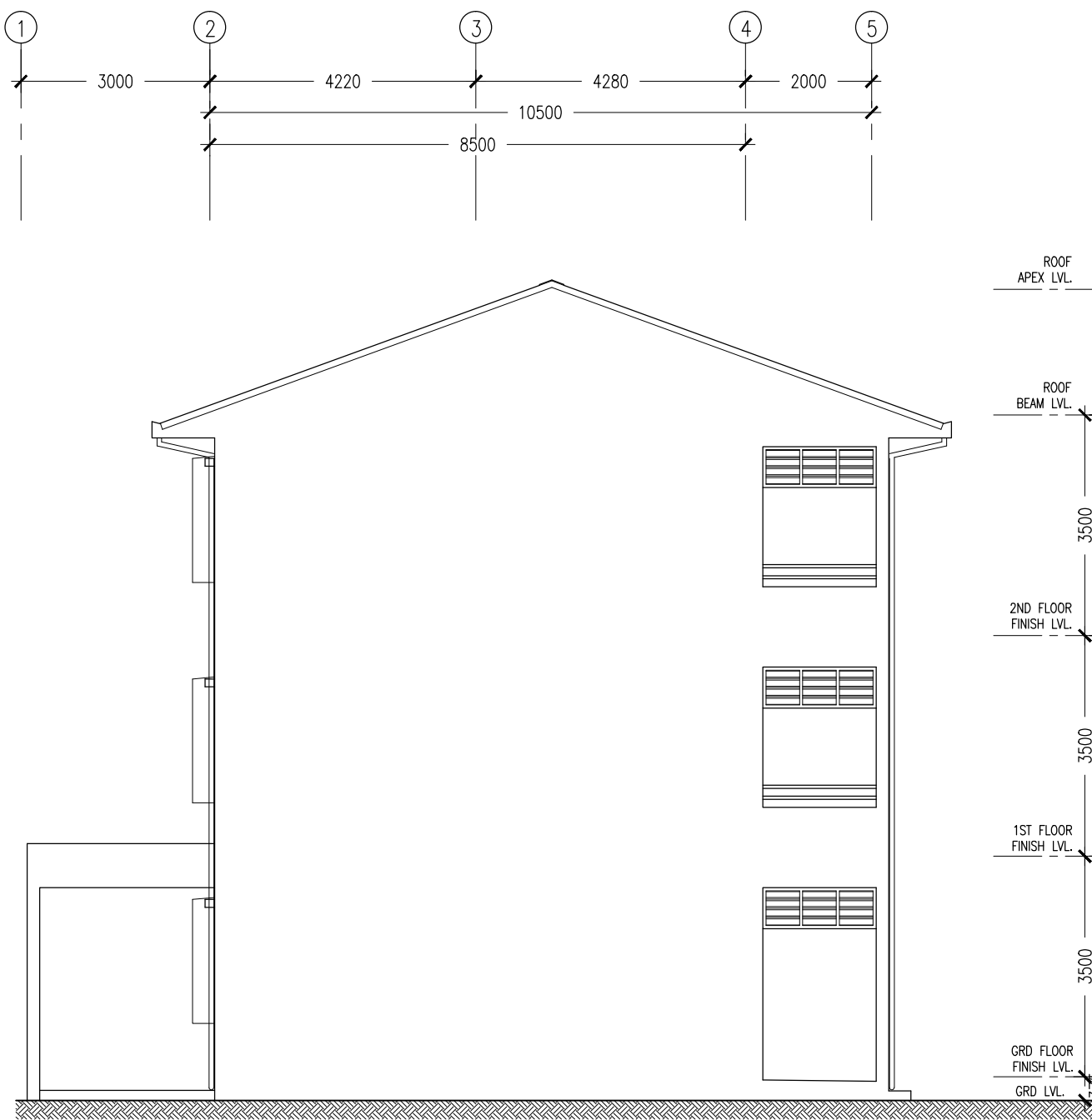
A-06

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PROJECT NO.: 14-109

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ELEVATION - C  
SCALE 1:100



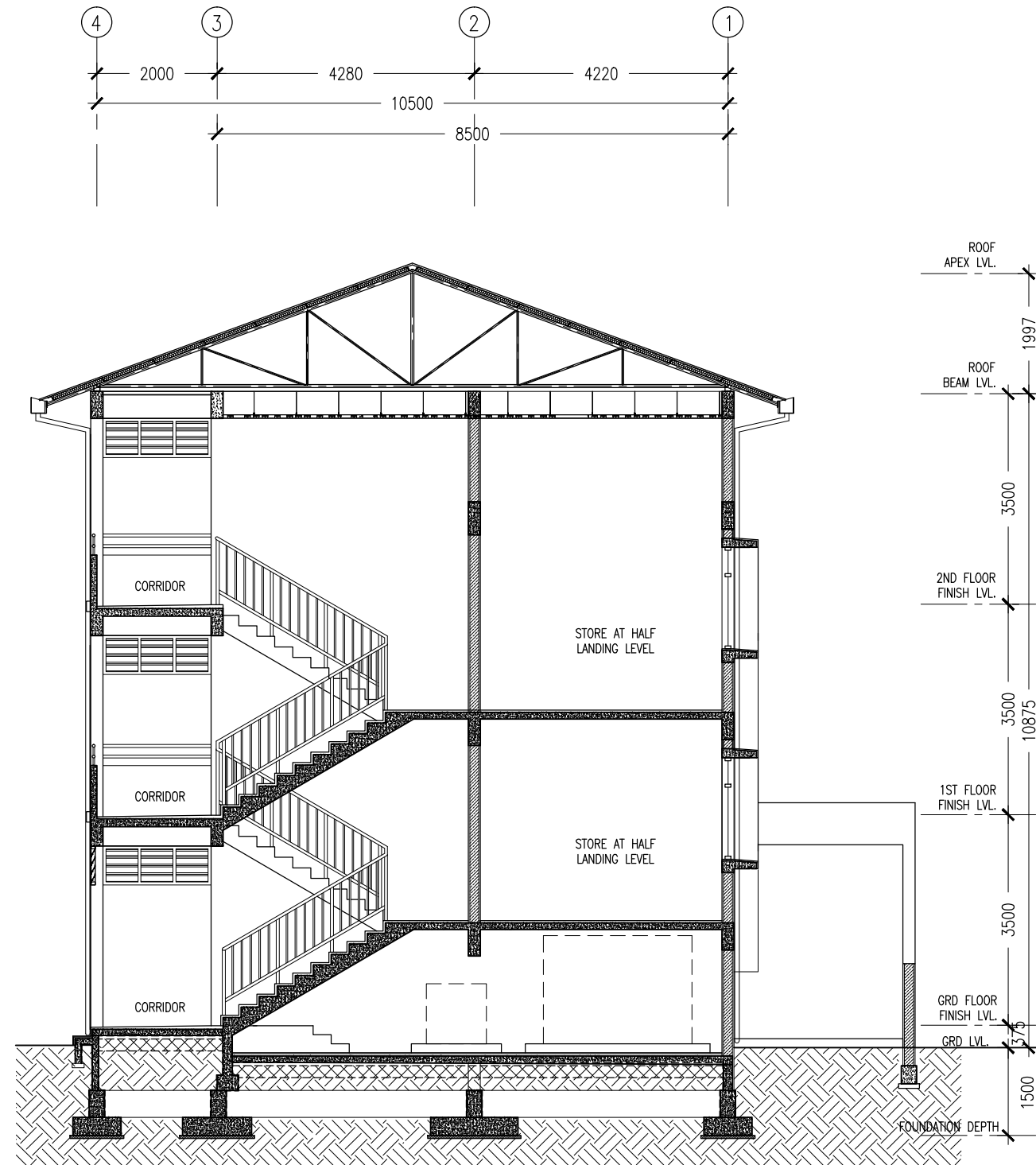
ELEVATION - D  
SCALE 1:100

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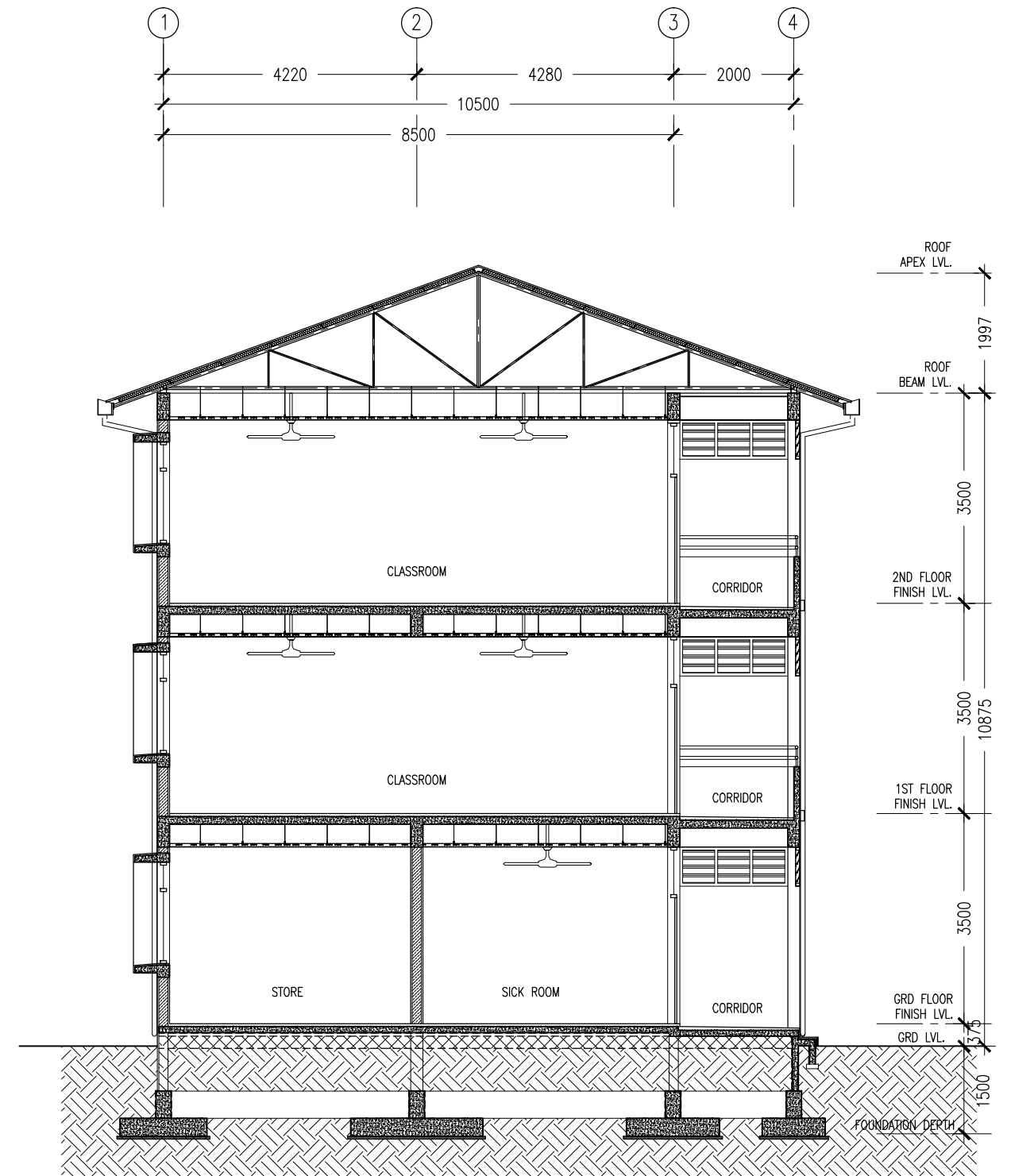


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	A-07
	ENGINEER: MOHAMED AHSAN	LOCATION: GA.GEMANAFUSHI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
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**SECTION X-X**  
SCALE 1:100

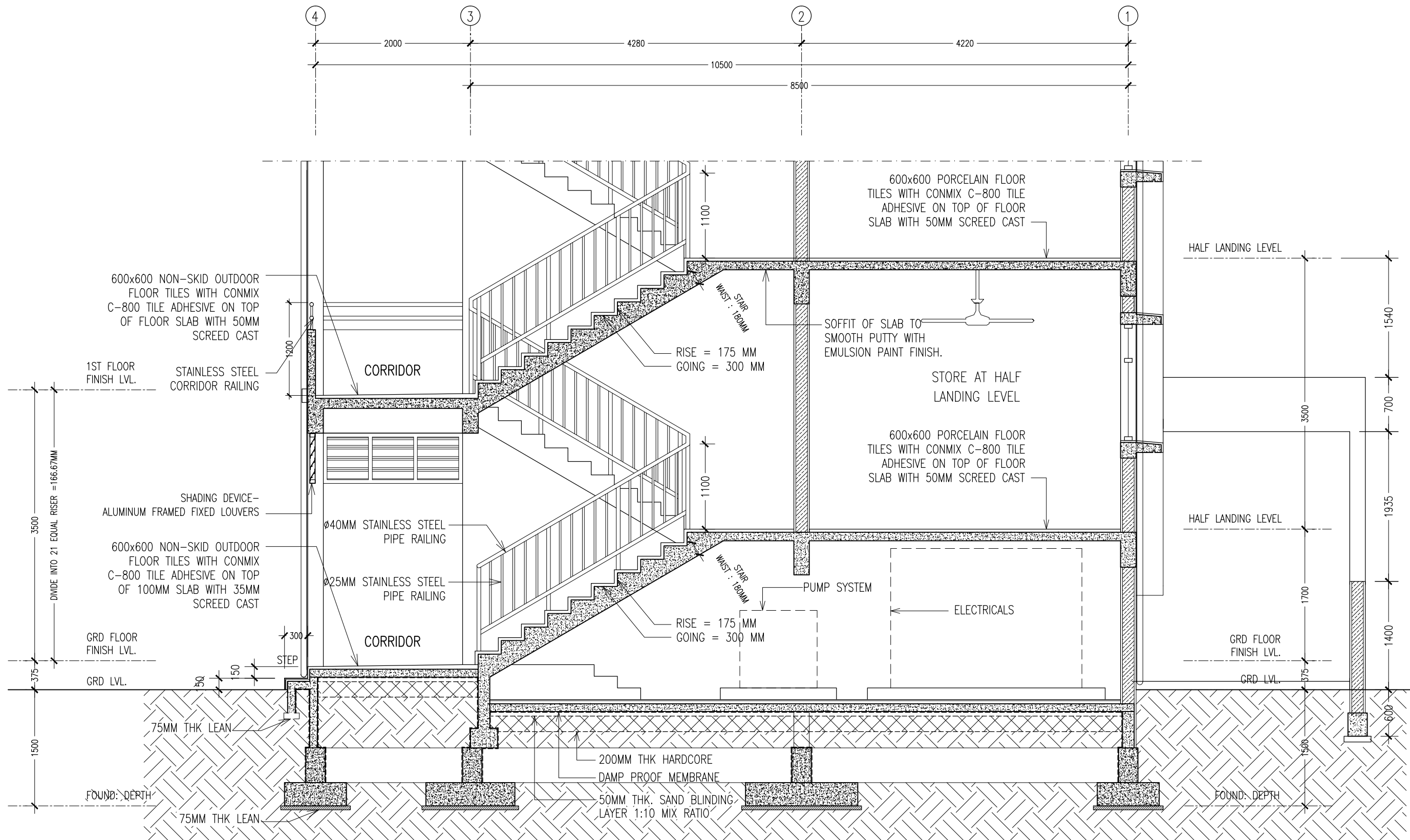


**SECTION Y-Y**  
SCALE 1:100

CONTRACTORS MUST  
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SCALE READINGS

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REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	GEMANAFUSHI SCHOOL		<div>A-08</div> <div>DWG NO</div> <div>PROJECT NO.: 14-109</div>
	ENGINEER:	MOHAMED AHSAN	LOCATION:	GA.GEMANAFUSHI		
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN		
	ESTIMATOR:		CLIENT:	MINISTRY OF EDUCATION		
	DRAWN BY:	SHAMHAD SAEED	SCALE: AS GIVEN	DIMENSION: MM	DATE: MAY 2015	
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NOTE :

USE CONMIX MEGA ADD WL3  
CONCRETE ADMIXTURE ON ALL  
FOUNDATION CONCRETE

USE CONMIX MEGA FLOW P ON  
ALL CONCRETE WORKS COLUMNS,  
BEAMS, SLAB ...

## SECTION DETAIL X-X

SCALE 1:50

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REVISION:

ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: SHAMHAD SAEED

PROJECT: GEMANAFUSHI SCHOOL  
LOCATION: GA.GEMANAFUSHI  
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SCALE: AS GIVEN  
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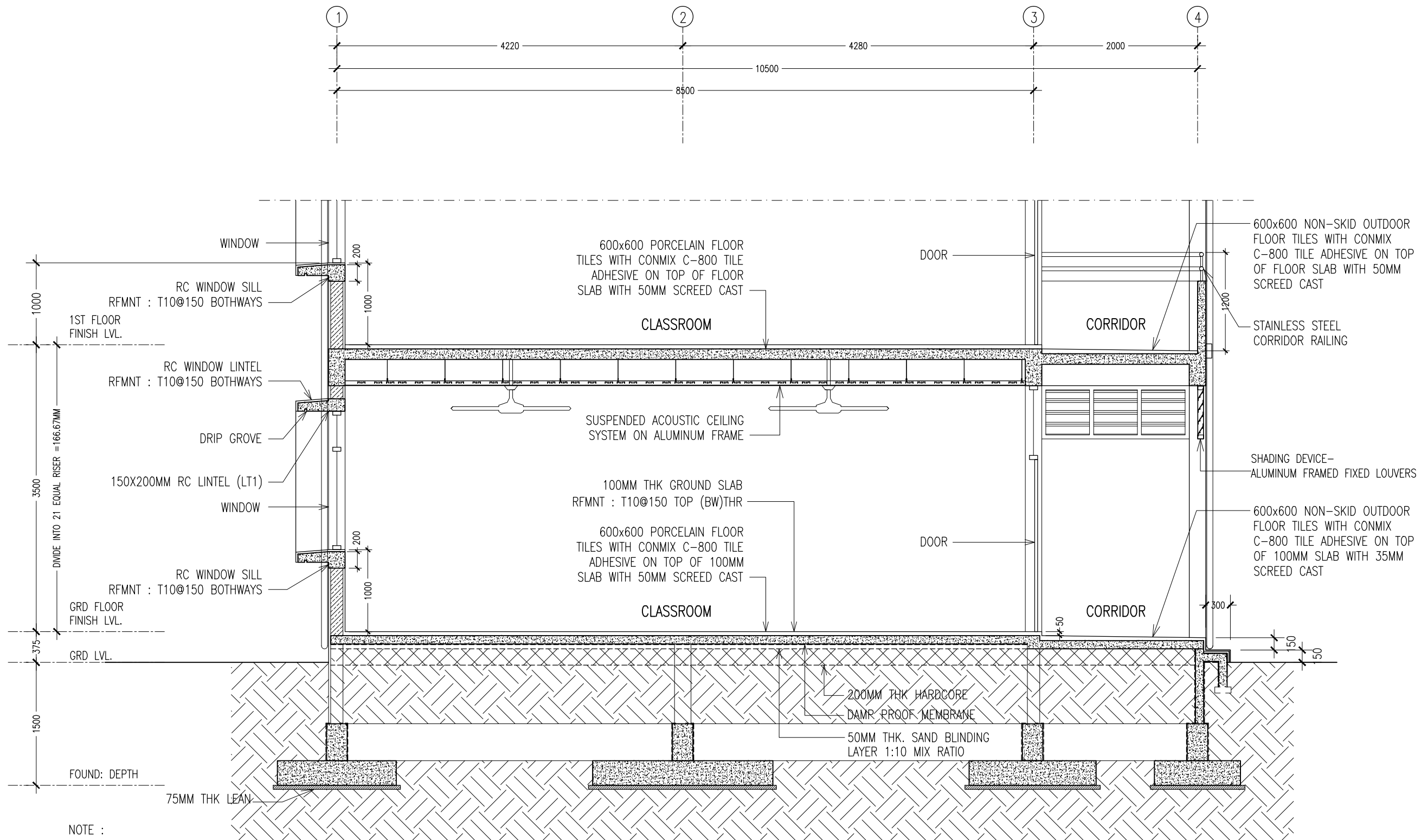
**A-09**

DWG NO

PROJECT NO.: 14-109

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SECTION DETAIL Y-Y  
SCALE 1:50

NOTE :

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FOUNDATION CONCRETE

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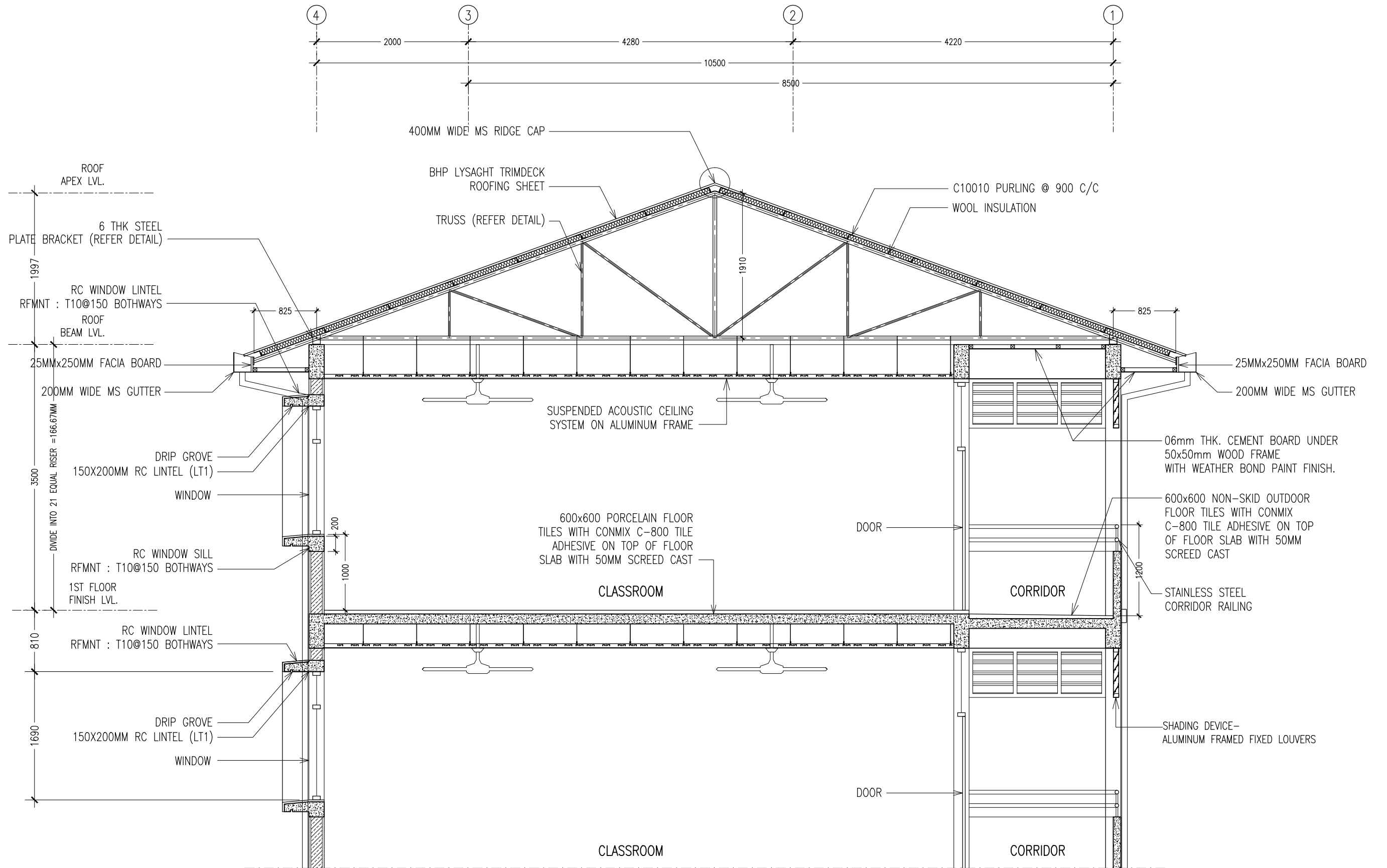
REVISION:  
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ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: SHAMHAD SAEED

PROJECT: GEMANAFUSHI SCHOOL  
LOCATION: GA.GEMANAFUSHI  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

**A-11**  
DWG NO  
PROJECT NO.: 14-109

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SECTION DETAIL Y-Y  
SCALE 1:50

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Ha Fiyajahaage, 1st floor, Male', Republic of Maldives  
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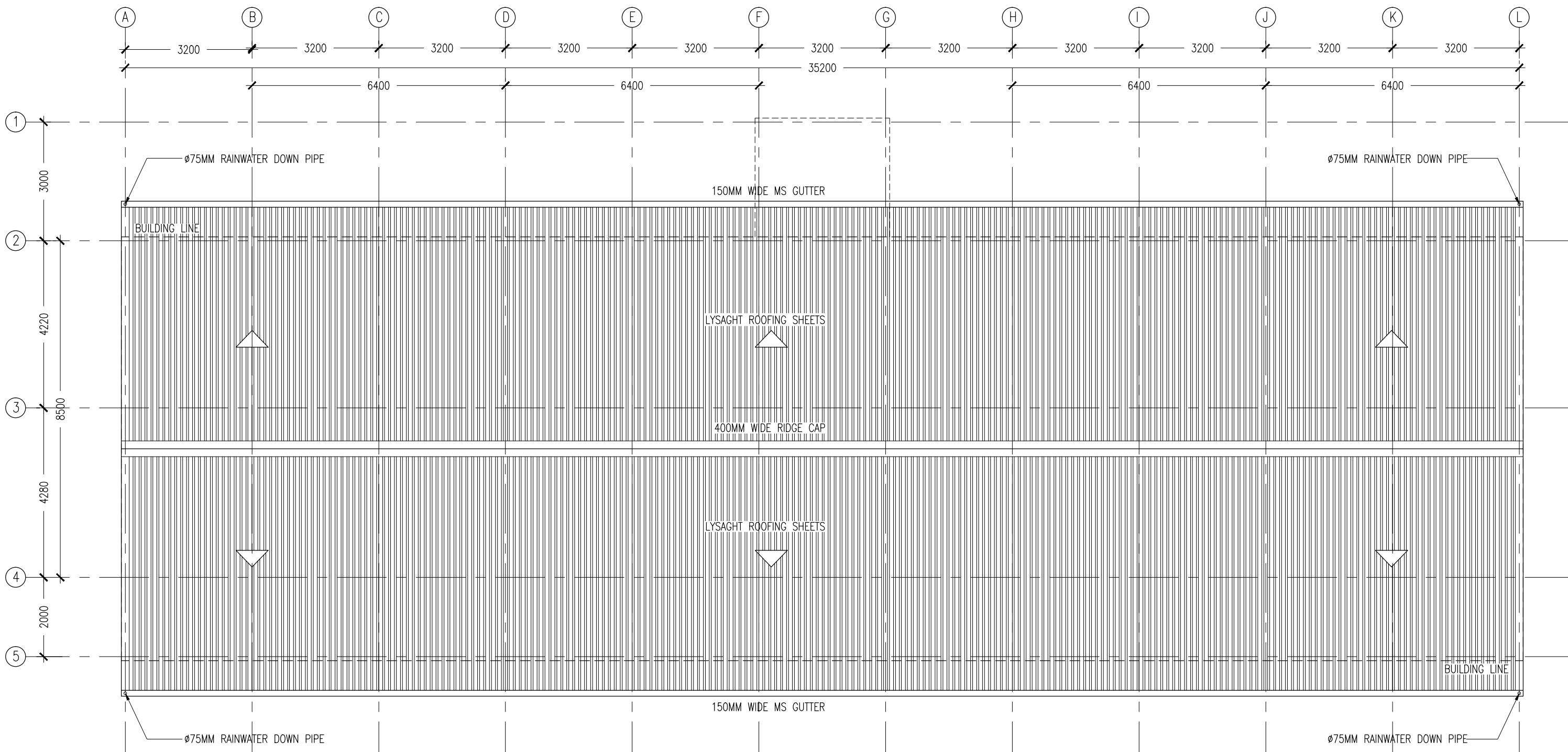
REVISION:  
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ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: SHAMHAD SAEED

PROJECT: GEMANAFUSHI SCHOOL  
LOCATION: GA.GEMANAFUSHI  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

**A-12**  
DWG NO  
PROJECT NO.: 14-109

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ROOF LAYOUT PLAN  
SCALE 1:100

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SCALE READINGS



REVISION:


ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD SAEED

PROJECT:	GEMANAFUSHI SCHOOL
LOCATION:	GA.GEMANAFUSHI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

A-13

DWG NO

PROJECT NO.: 14-109

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ELEVATIONS :							
FINISH FLOOR LEVEL							
DR / WD NO.	D1	D2	D3	W1	W1A	W2	W3
DESCRIPTION :	40MM THICK OPENABLE SOLID TIMBER DOOR PANEL	40MM THICK OPENABLE SOLID TIMBER DOOR PANEL	40MM THICK OPENABLE SOLID TIMBER DOOR PANEL	ALUMINUM FRAMED WINDOW PANEL	ALUMINUM FRAMED WINDOW PANEL	ALUMINUM FRAMED SLIDING WINDOW PANEL	ALUMINUM FRAMED FIXED LOUVRE WINDOW PANEL
FRAME :	120MM TIMBER FRAME	120MM TIMBER FRAME	120MM TIMBER FRAME	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME
HARDWARE :	DOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDER	DOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDER	DOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDER				
GLAZING :	C-4MM ALL FIXED PANELS TO BE DOUBLE GLAZED	C-4MM ALL FIXED PANELS TO BE DOUBLE GLAZED	C-4MM ALL FIXED PANELS TO BE DOUBLE GLAZED	C-5MM THICK BLUE TINTED GLASS	C-5MM THICK BLUE TINTED GLASS	C-5MM THICK BLUE TINTED GLASS ALL FIXED PANELS TO BE DOUBLE GLAZED	

ELEVATIONS :		
FINISH FLOOR LEVEL		
DR / WD NO.	SHADING DEVICE (FRONT) TYPE-1	SHADING DEVICE (SIDE) TYPE-2
DESCRIPTION :	ALUMINUM FRAMED FIXED LOUVRE WINDOW PANEL	ALUMINUM FRAMED FIXED LOUVRE WINDOW PANEL
FRAME :	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME
HARDWARE :	( REFER ELEVATIONS FOR LOCATION )	( REFER ELEVATIONS FOR LOCATION )
GLAZING :		

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 ALUMINUM LOUVERS

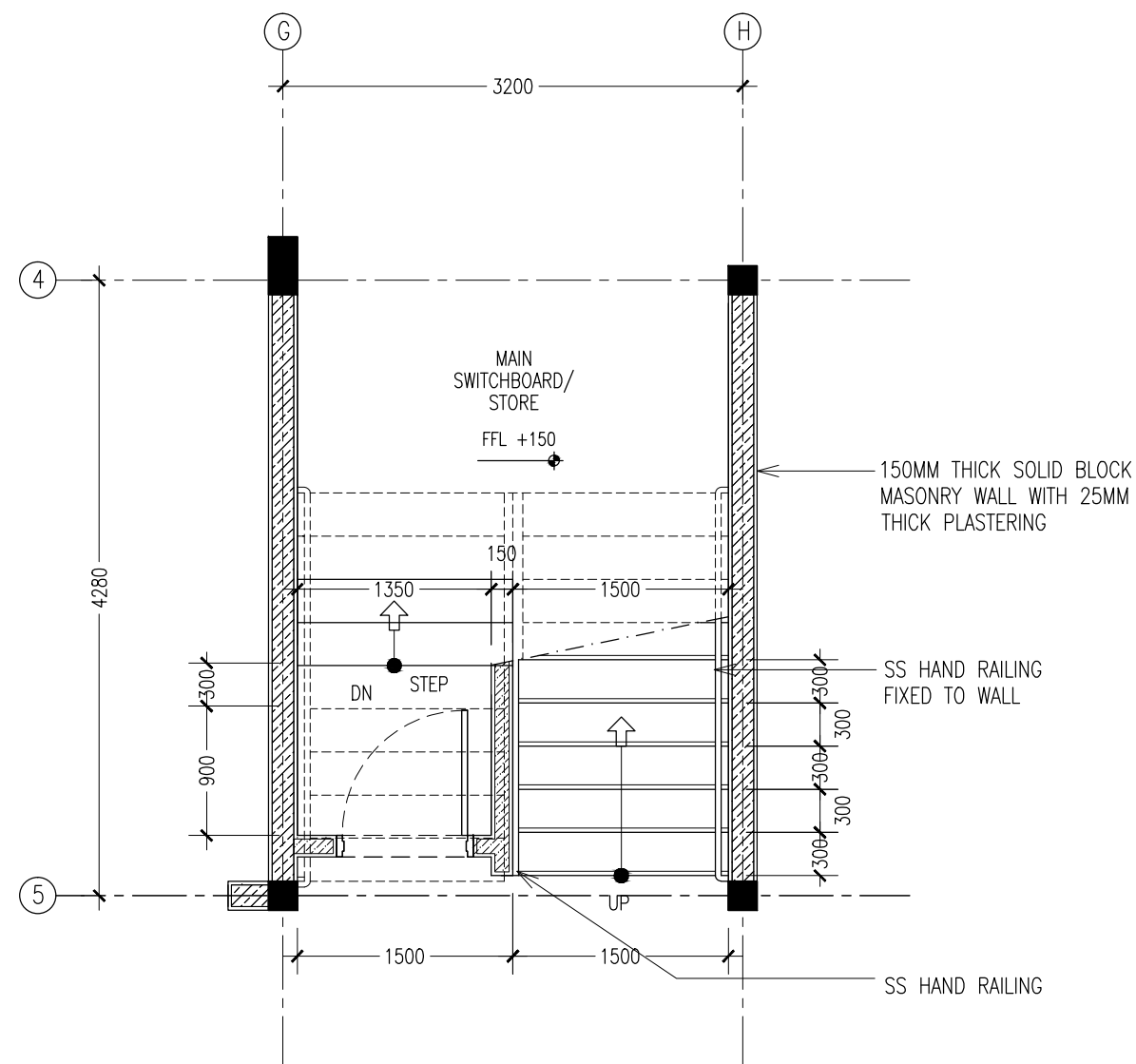
DOO/WINDOW SCHEDULE  
SCALE 1:50

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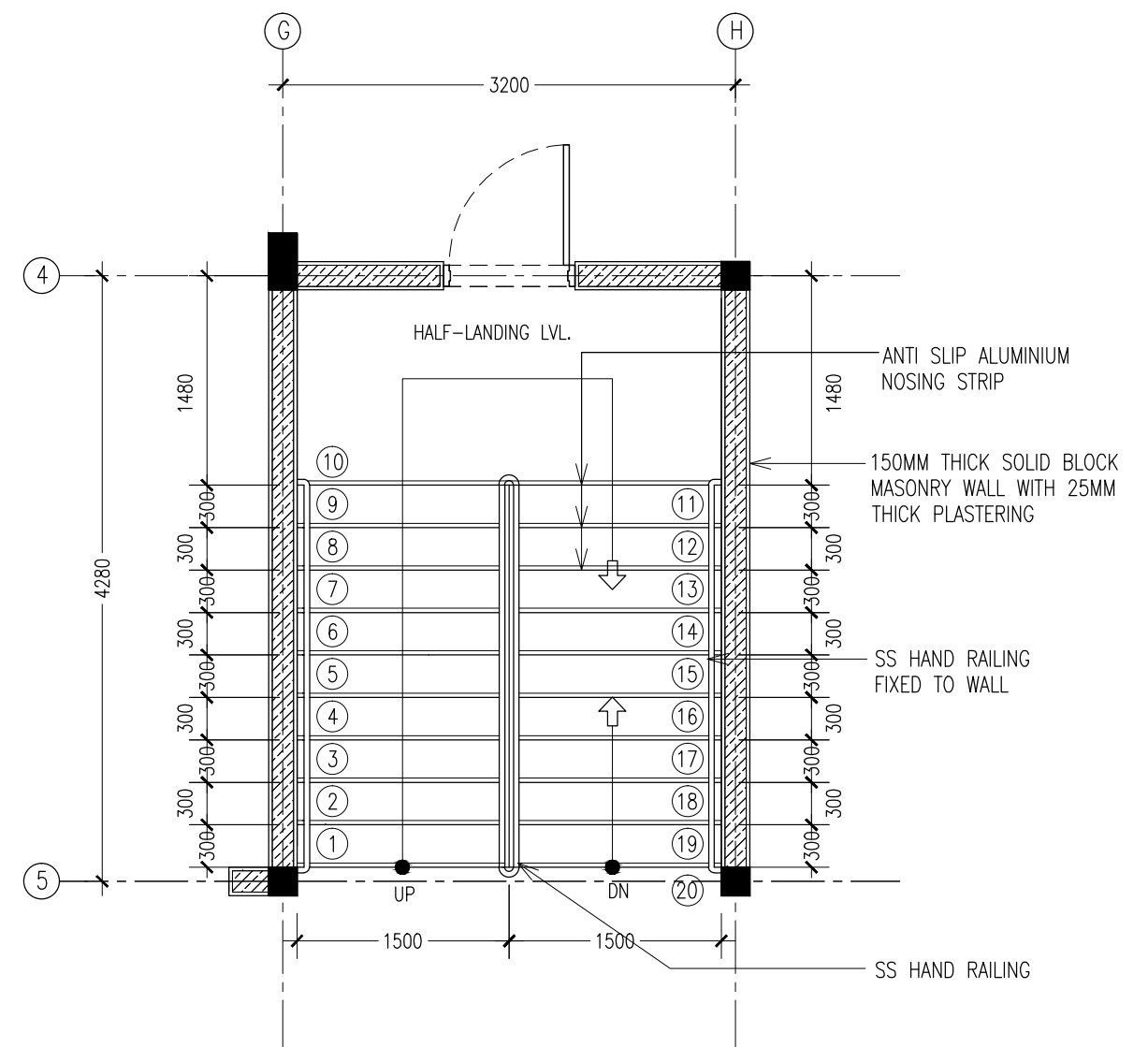


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	A-14
	ENGINEER: MOHAMED AHSAN	LOCATION: GA.GEMANAFUSHI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN    DIMENSION: MM    DATE: MAY 2015	
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			PROJECT NO.: 14-109

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TYPICAL GROUND FLOOR STAIR PLAN  
SCALE 1:50



TYPICAL 1ST-2ND FLOOR STAIR PLAN  
SCALE 1:50

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ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: SHAMHAD SAEED

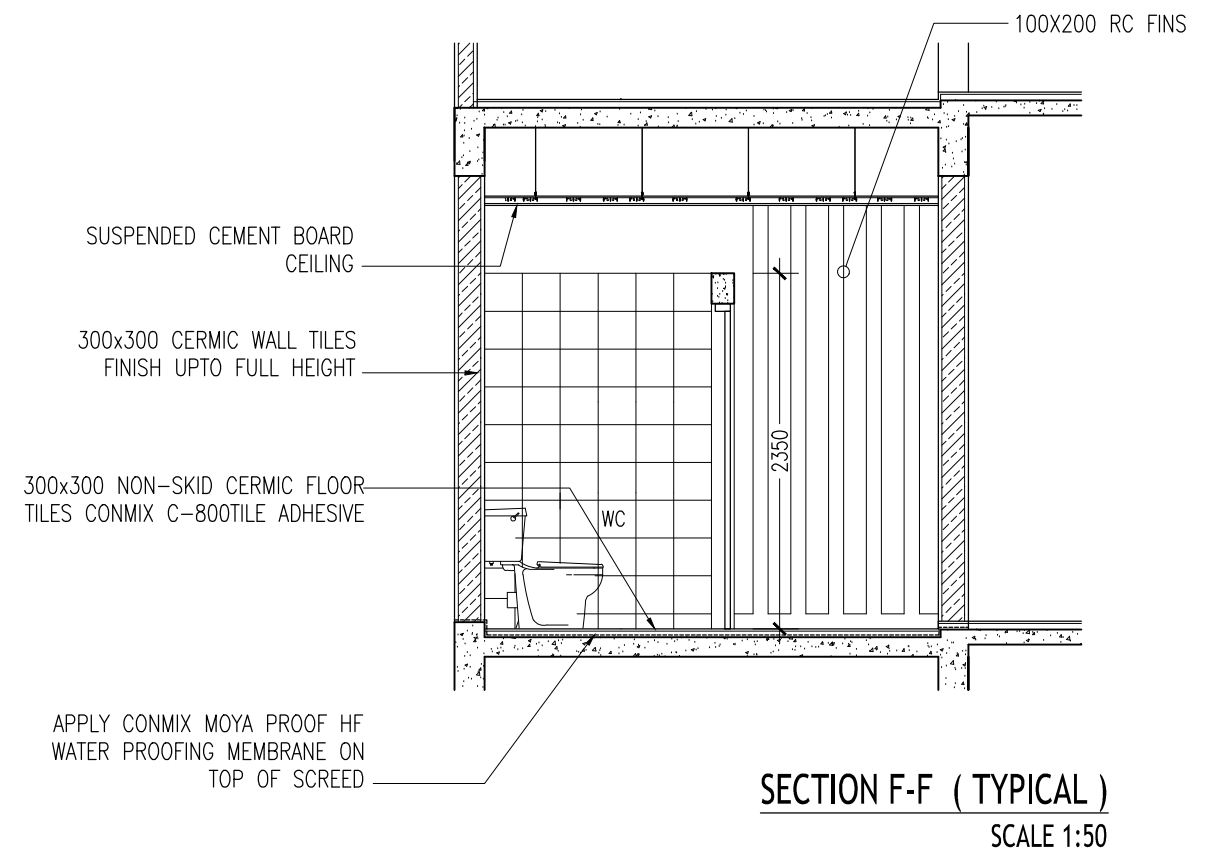
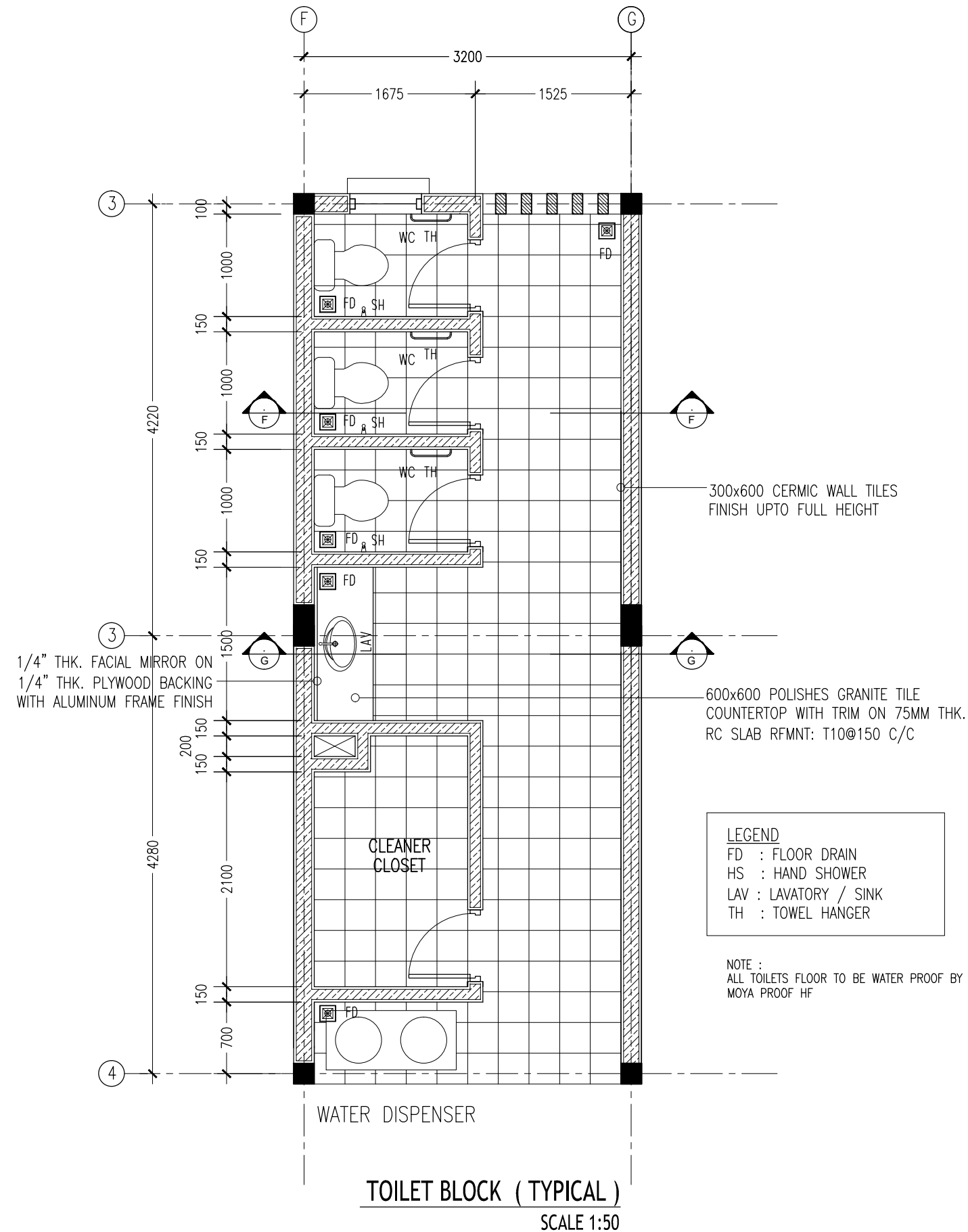
PROJECT: GEMANAFUSHI SCHOOL  
LOCATION: GA.GEMANAFUSHI  
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SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

A-15

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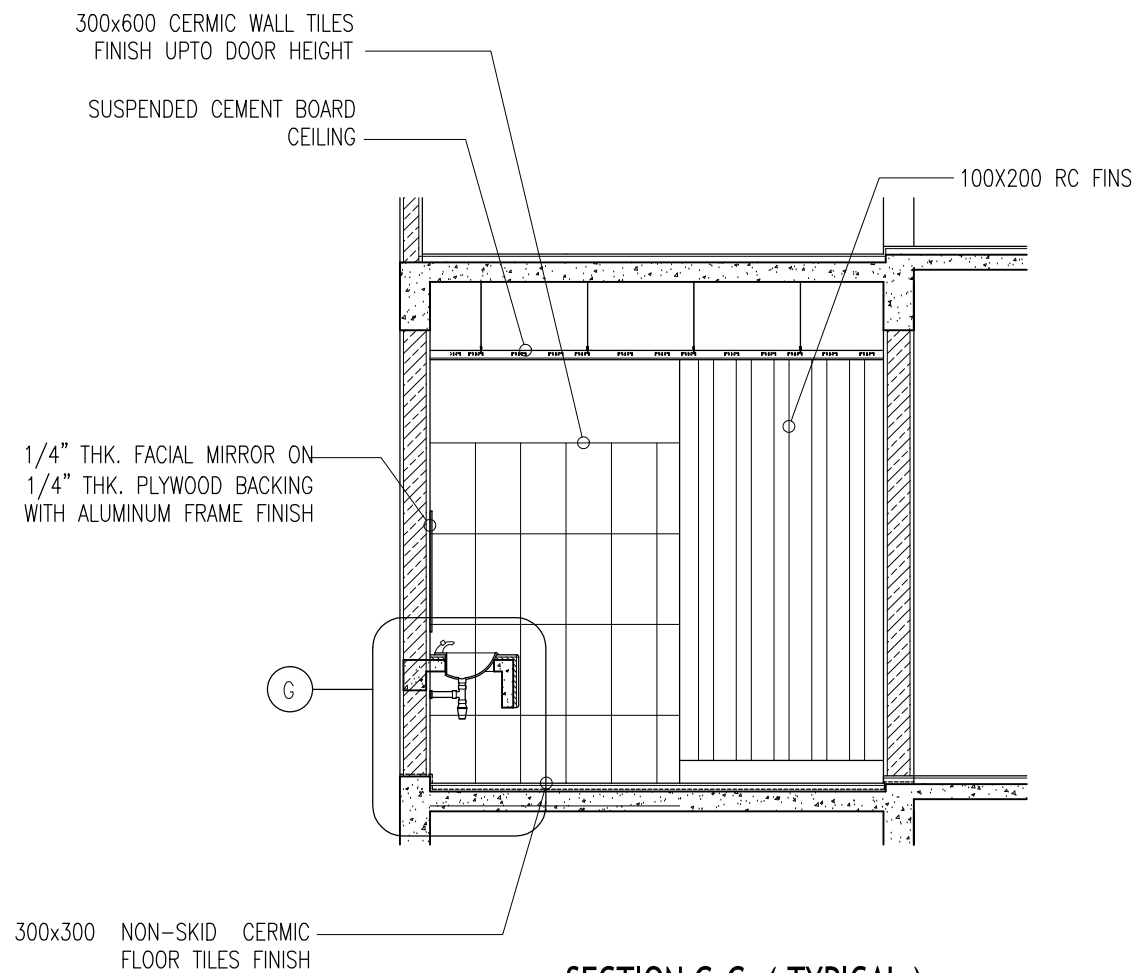




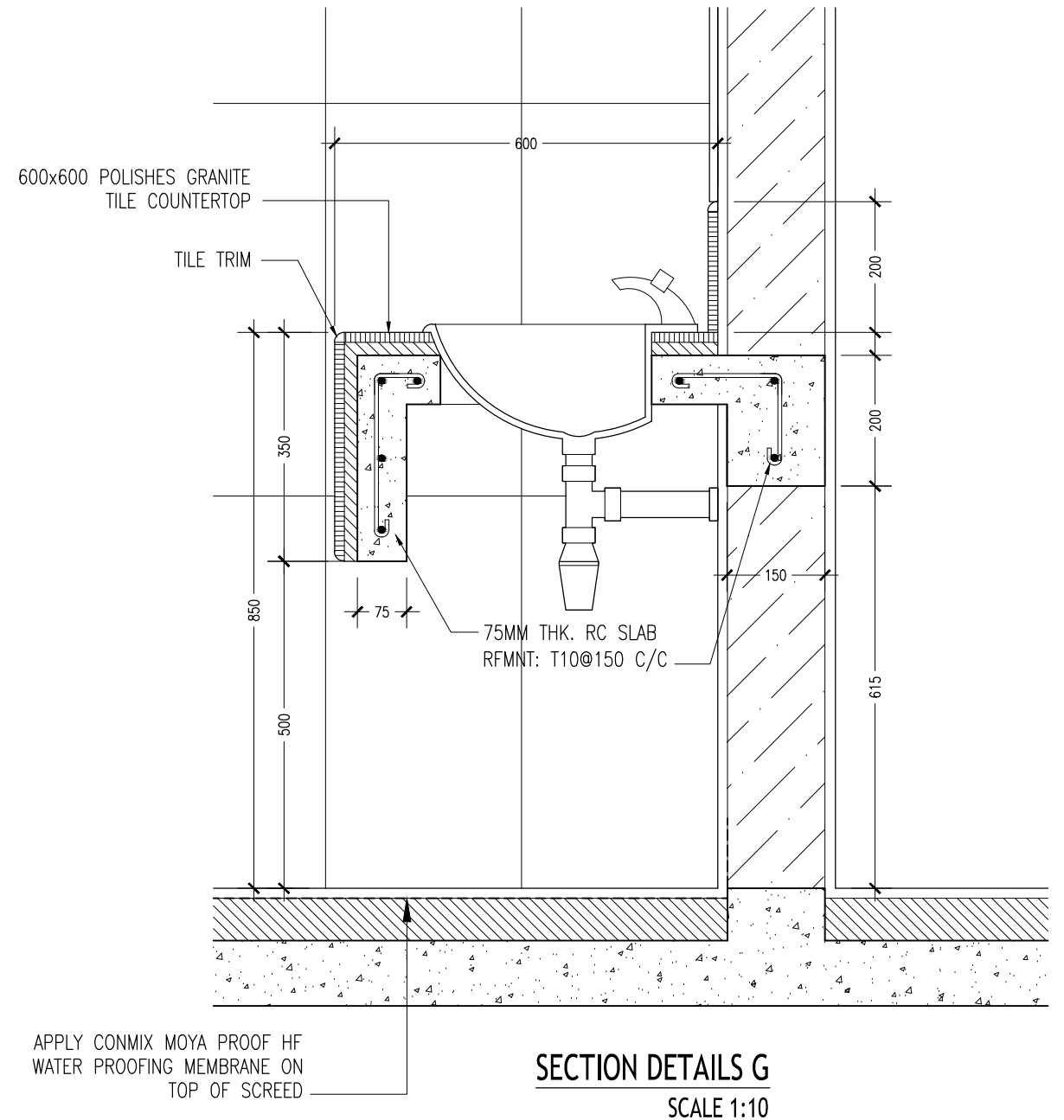
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**ArchEng**  
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REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:			GEMANAFUSHI SCHOOL			A-16	
	ENGINEER:	MOHAMED AHSAN	LOCATION:			GA.GEMANAFUSHI				
	SERVICES ENG:		DRAWING TITLE:			AS GIVEN				
	ESTIMATOR:		CLIENT:			MINISTRY OF EDUCATION				
	DRAWN BY:	SHAMHAD SAEED	SCALE: AS GIVEN			DIMENSION: MM	DATE: MAY 2015	DWG NO		
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**SECTION G-G ( TYPICAL )**  
SCALE 1:50



**SECTION DETAILS G**  
SCALE 1:10

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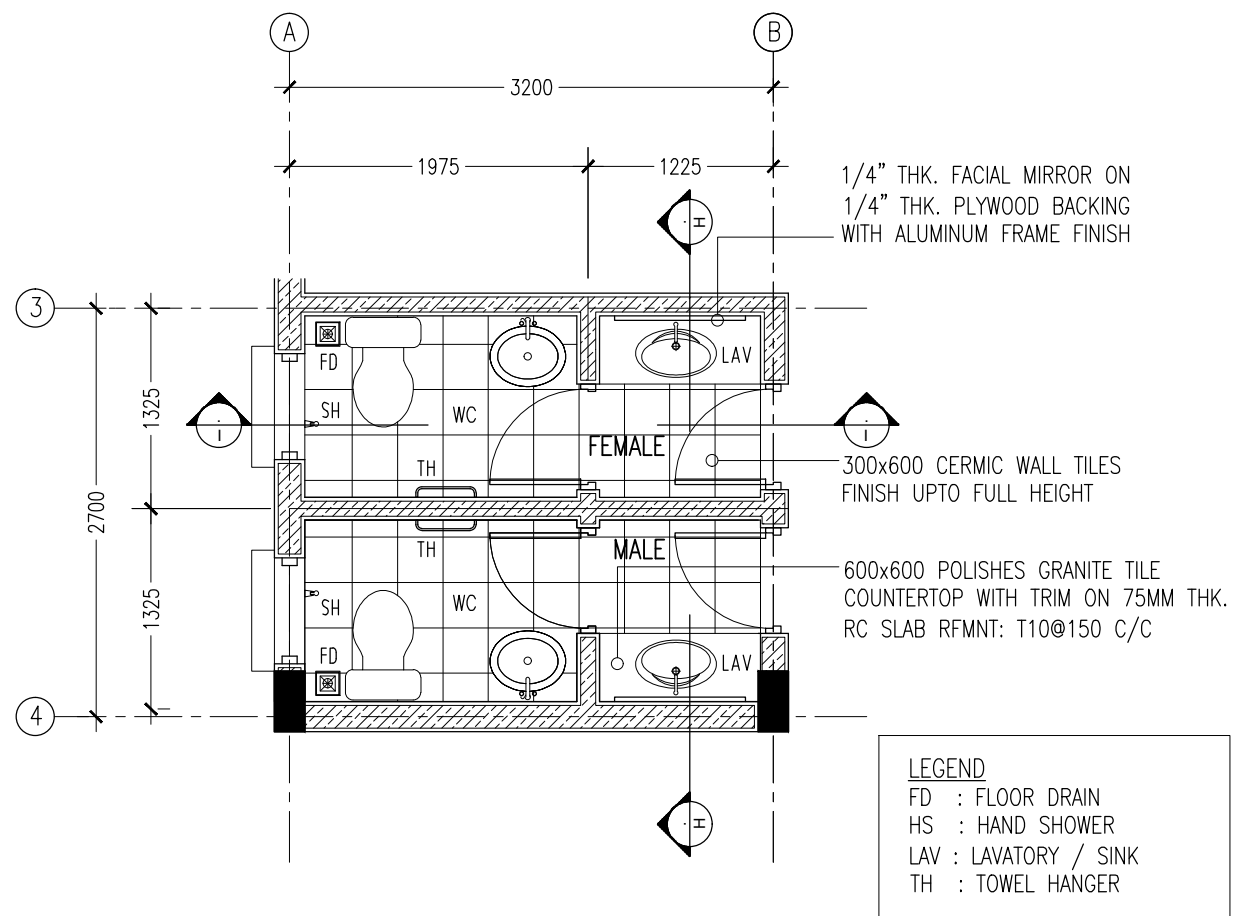
REVISION:  
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\_\_\_\_\_

ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: SHAMHAD SAEED

PROJECT: GEMANAFUSHI SCHOOL  
LOCATION: GA.GEMANAFUSHI  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

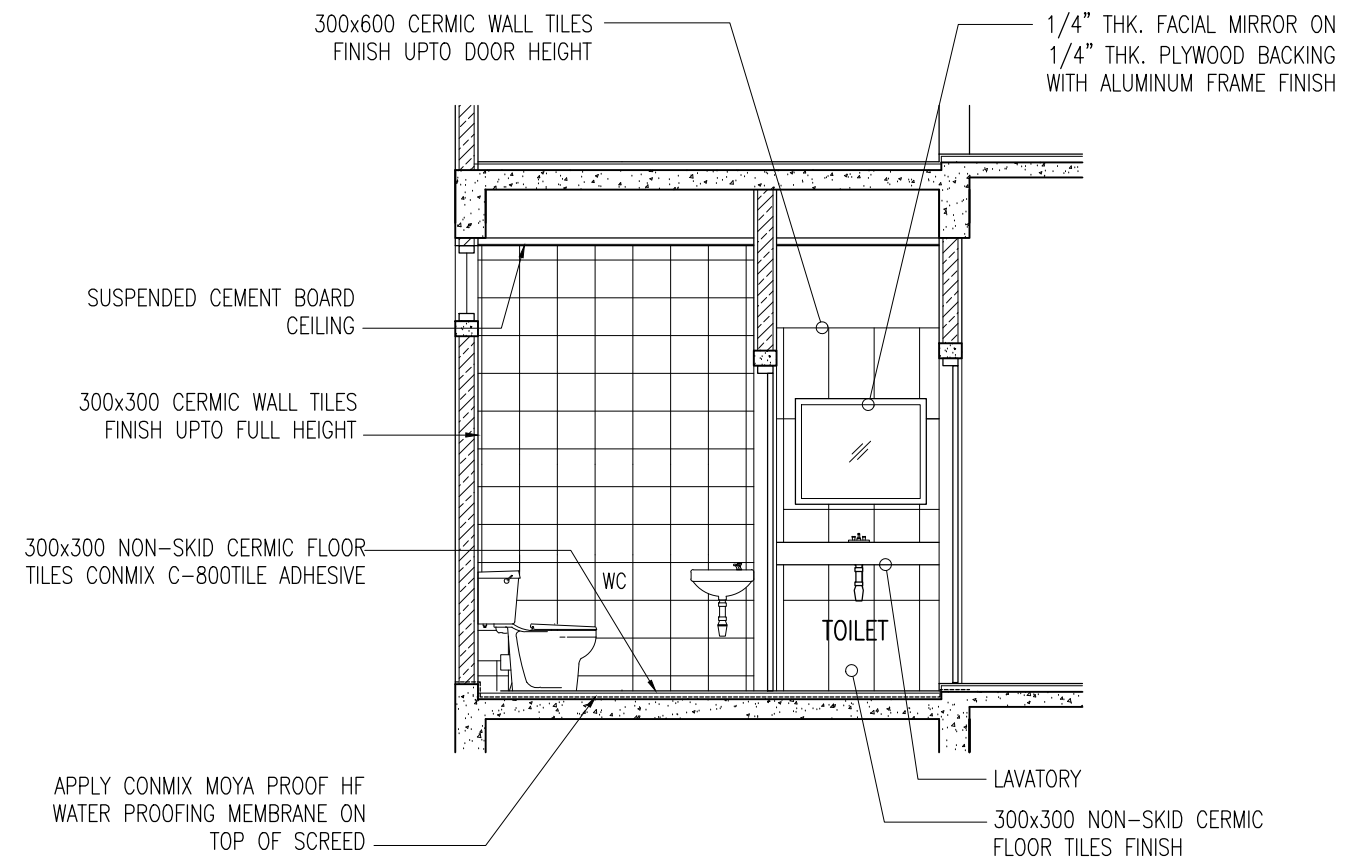
**A-17**  
DWG NO  
PROJECT NO.: 14-109

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**TOILET BLOCK ( TYPICAL )**  
SCALE 1:50

NOTE :  
ALL TOILETS FLOOR TO BE WATER PROOF BY  
MOYA PROOF HF



**SECTION I-I ( TYPICAL )**  
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

**ArchEng**  
s t u d i o  
Ma Fiyajahaage, 1st Floor, Male, Republic of Maldives  
admin@archeng.biz

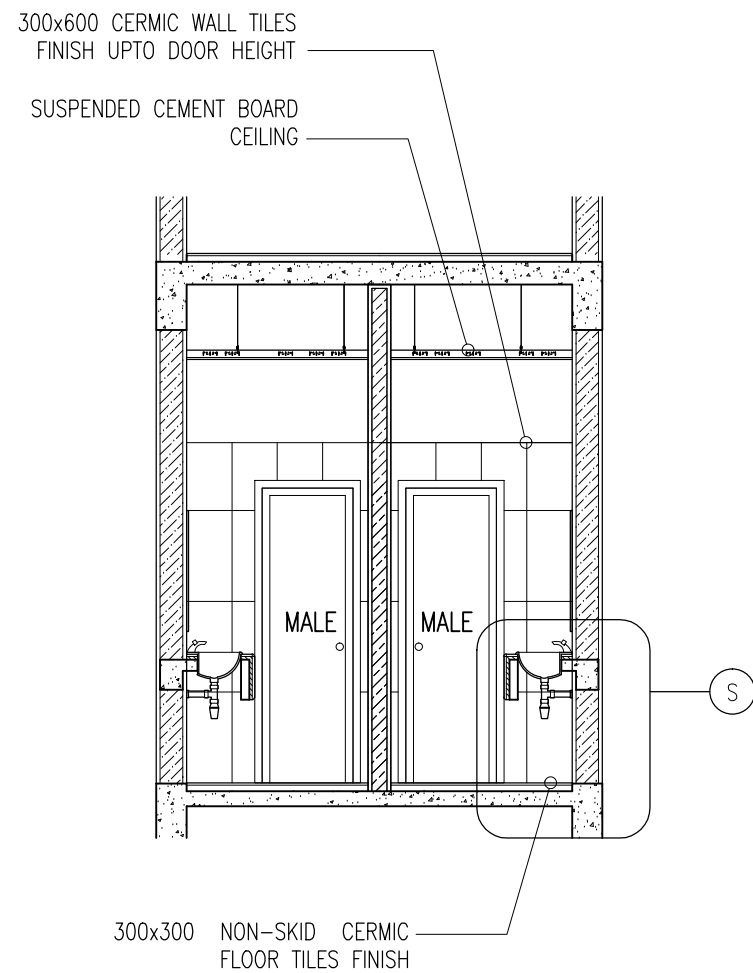
REVISION:

ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: SHAMHAD SAEED

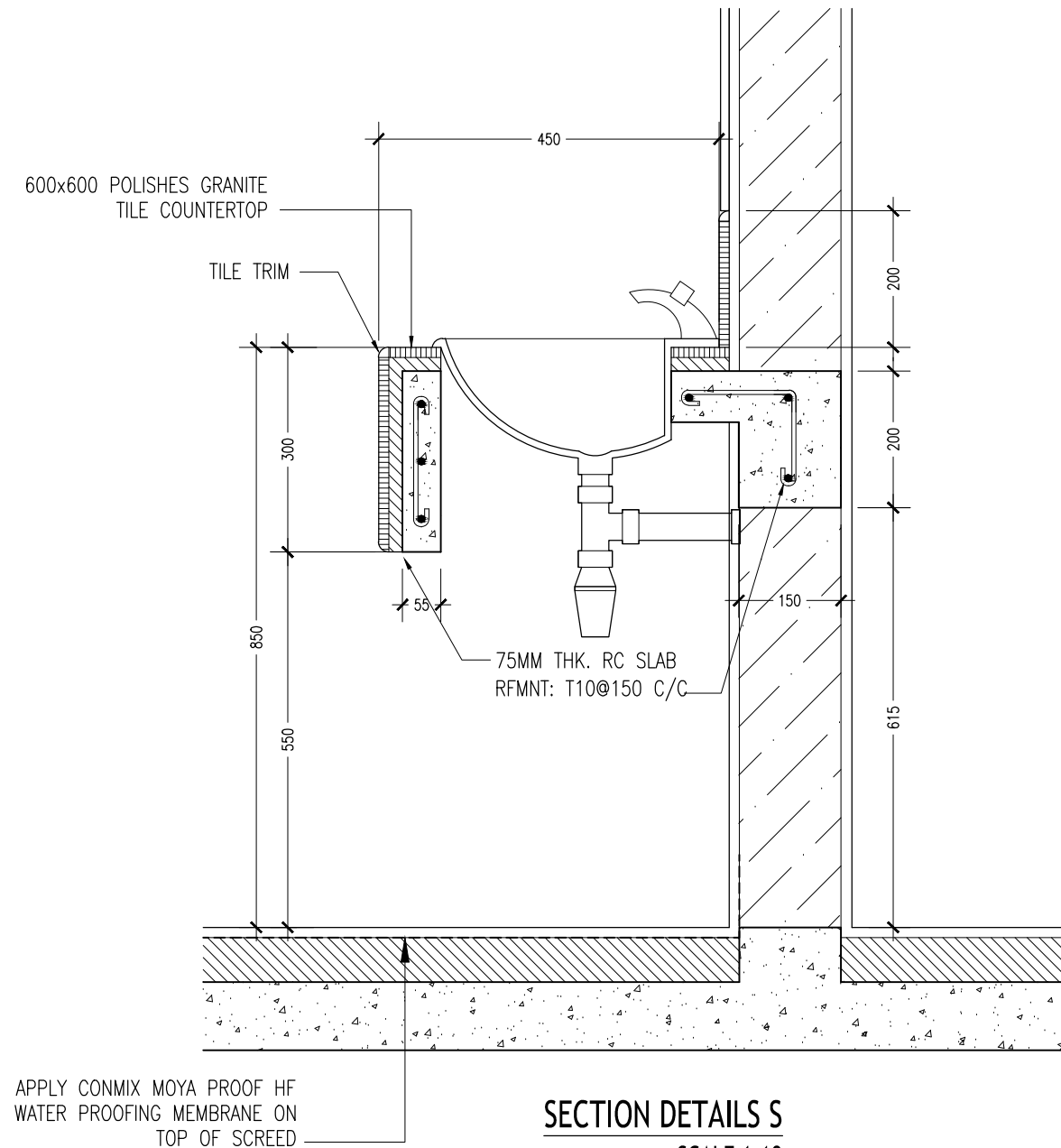
PROJECT: GEMANAFUSHI SCHOOL  
LOCATION: GA.GEMANAFUSHI  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN  
DIMENSION: MM  
DATE: MAY 2015

**A-18**  
DWG NO  
PROJECT NO.: 14-109

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**SECTION H-H ( TYPICAL )**  
SCALE 1:50

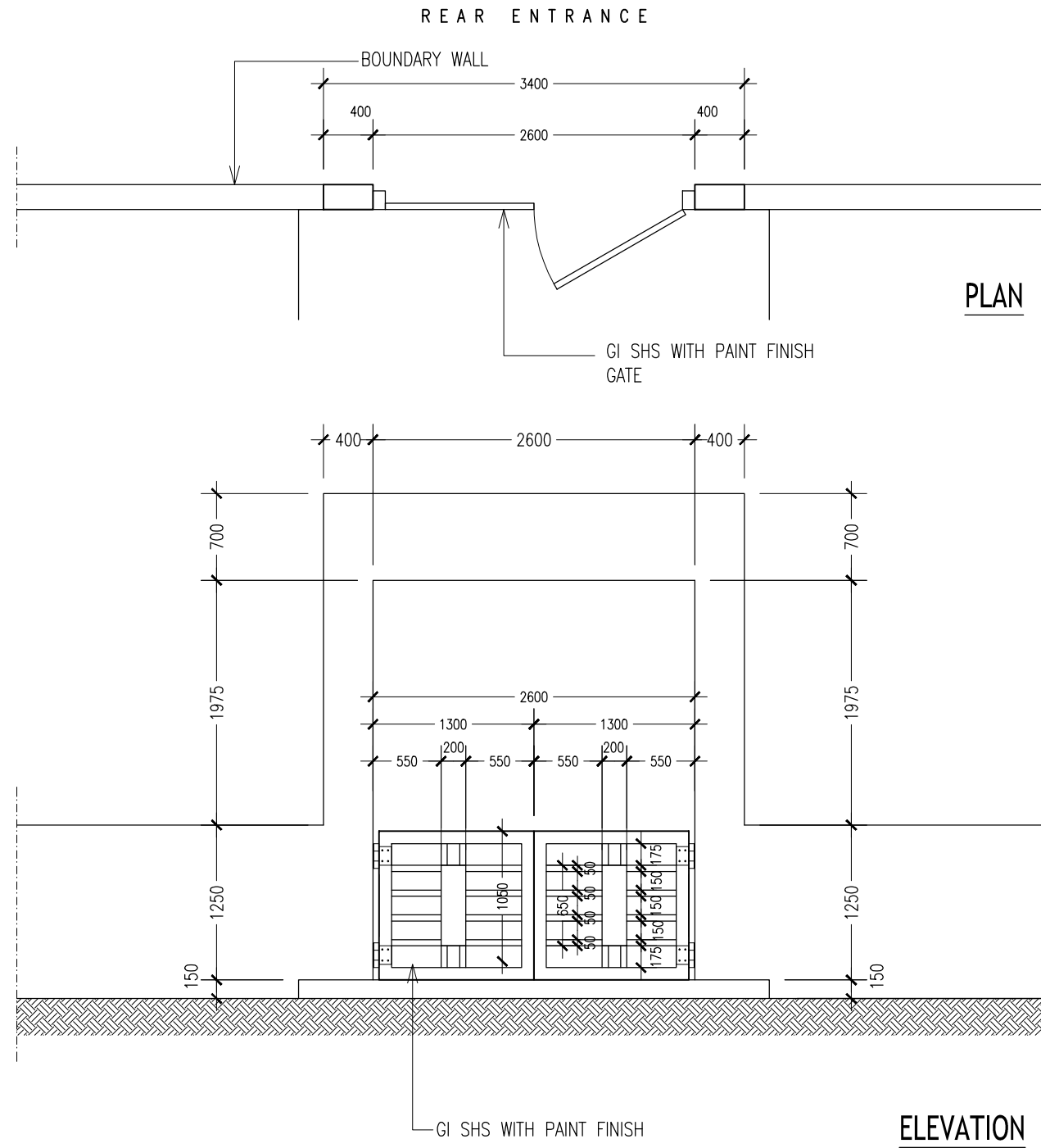


**SECTION DETAILS S**  
SCALE 1:10

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

**ArchEng**  
s t u d i o  
Ma Fiyajahaage, 1st floor, Male, Republic of Maldives  
admin@archeng.biz

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	<b>A-19</b> DWG NO PROJECT NO.: 14-109
	ENGINEER: MOHAMED AHSAN	LOCATION: GA.GEMANAFUSHI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN	
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		DIMENSION: MM	DATE: MAY 2015



**ENTRANCE GATE ( REAR ) DETAILS**  
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



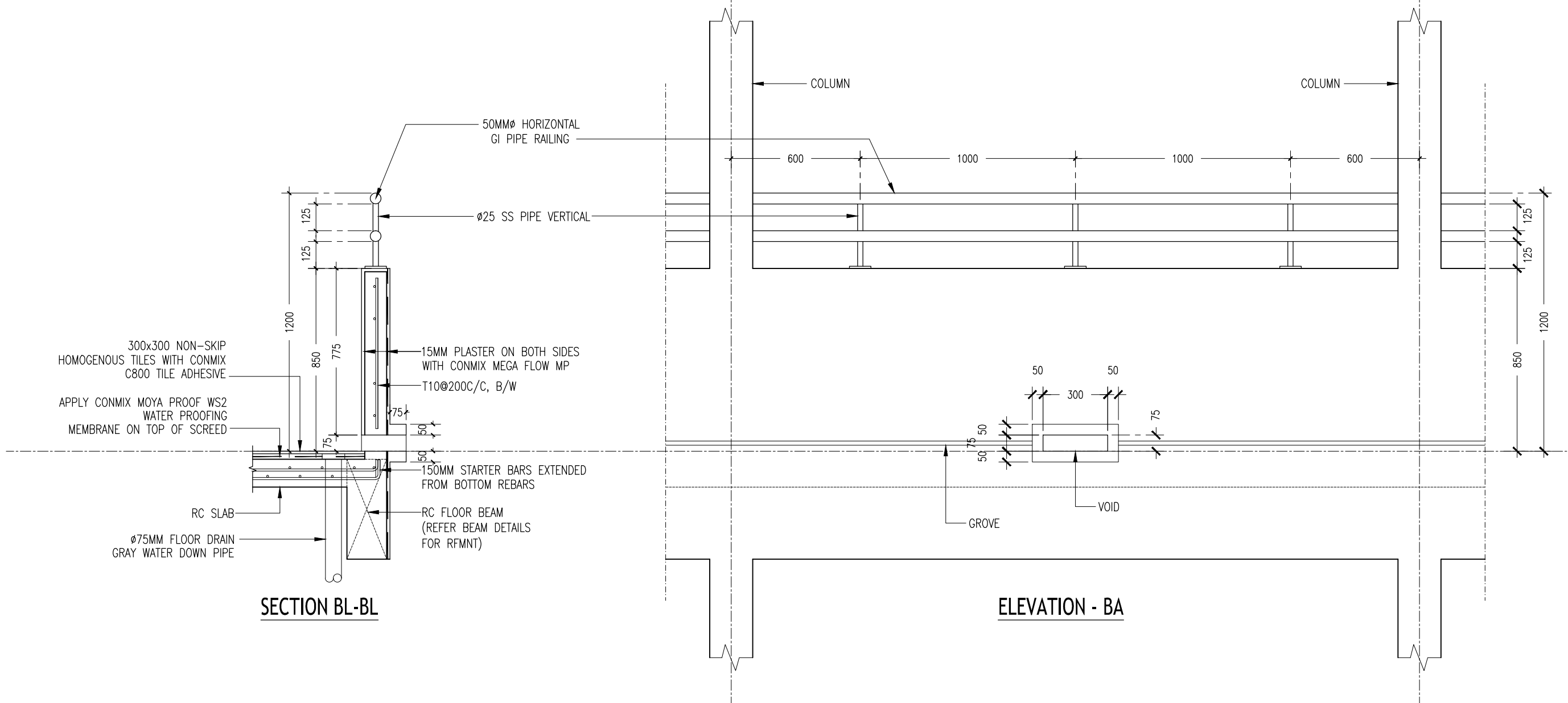
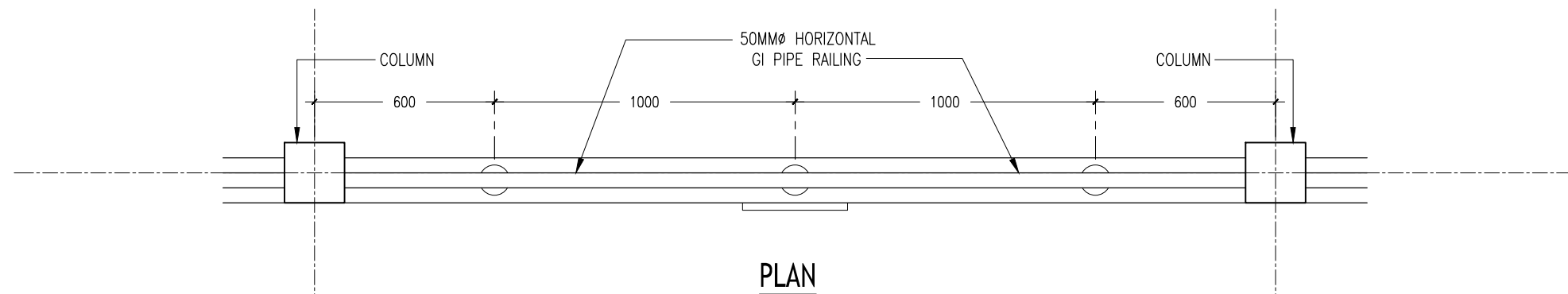
REVISION:	

ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD SAEED

PROJECT:	GEMANAFUSHI SCHOOL
LOCATION:	GA.GEMANAFUSHI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

<b>A-20</b>
DWG NO
PROJECT NO.: 14-109

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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

**ArchEng**  
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admin@archeng.biz

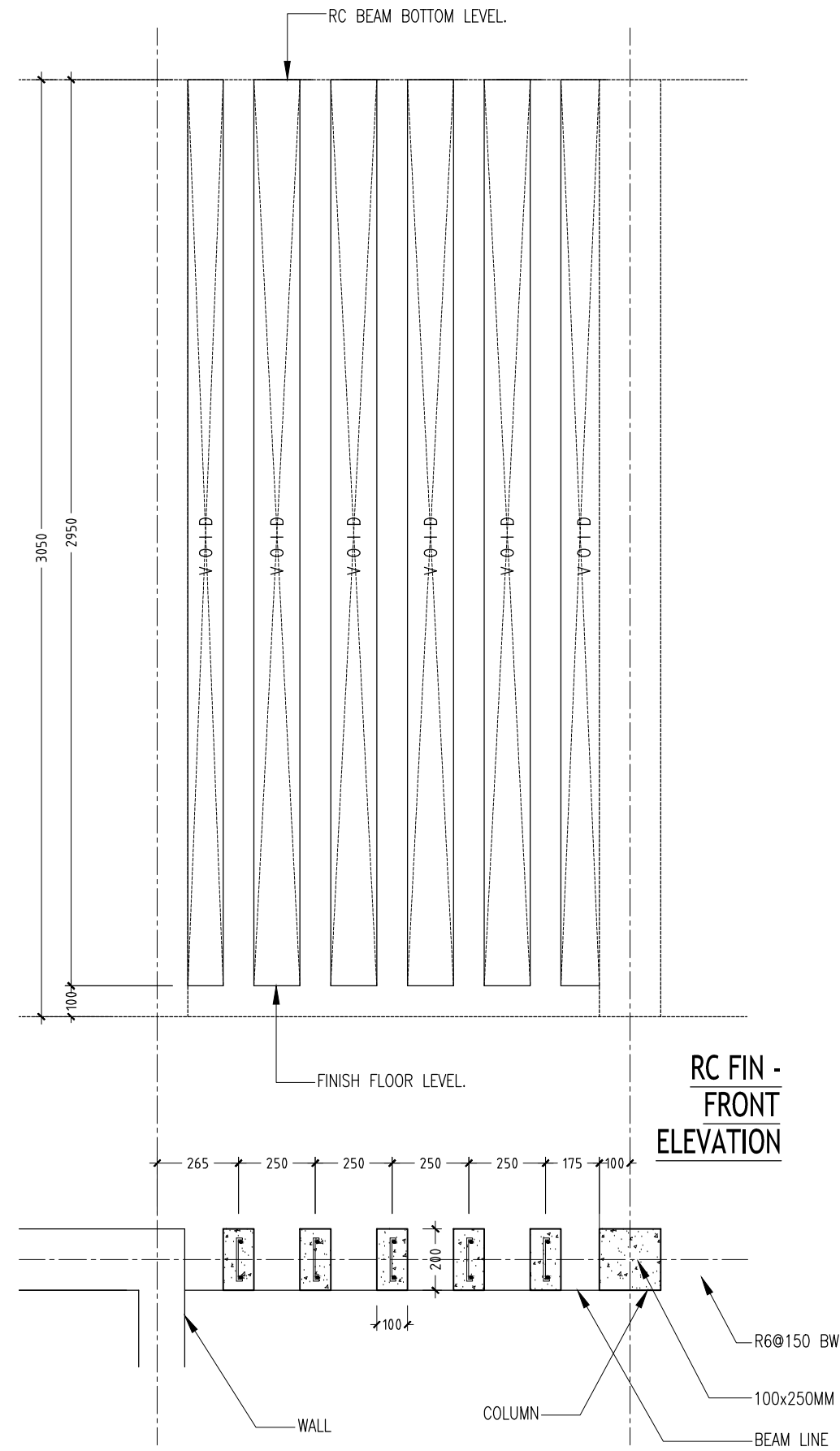
REVISION:	

ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD SAEED

PROJECT:	GEMANAFUSHI SCHOOL
LOCATION:	GA.GEMANAFUSHI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

<b>A-21</b>
DWG NO
PROJECT NO.: 14-109

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RC FIN -  
FRONT  
ELEVATION

RC FIN - PLAN

RC FIN 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

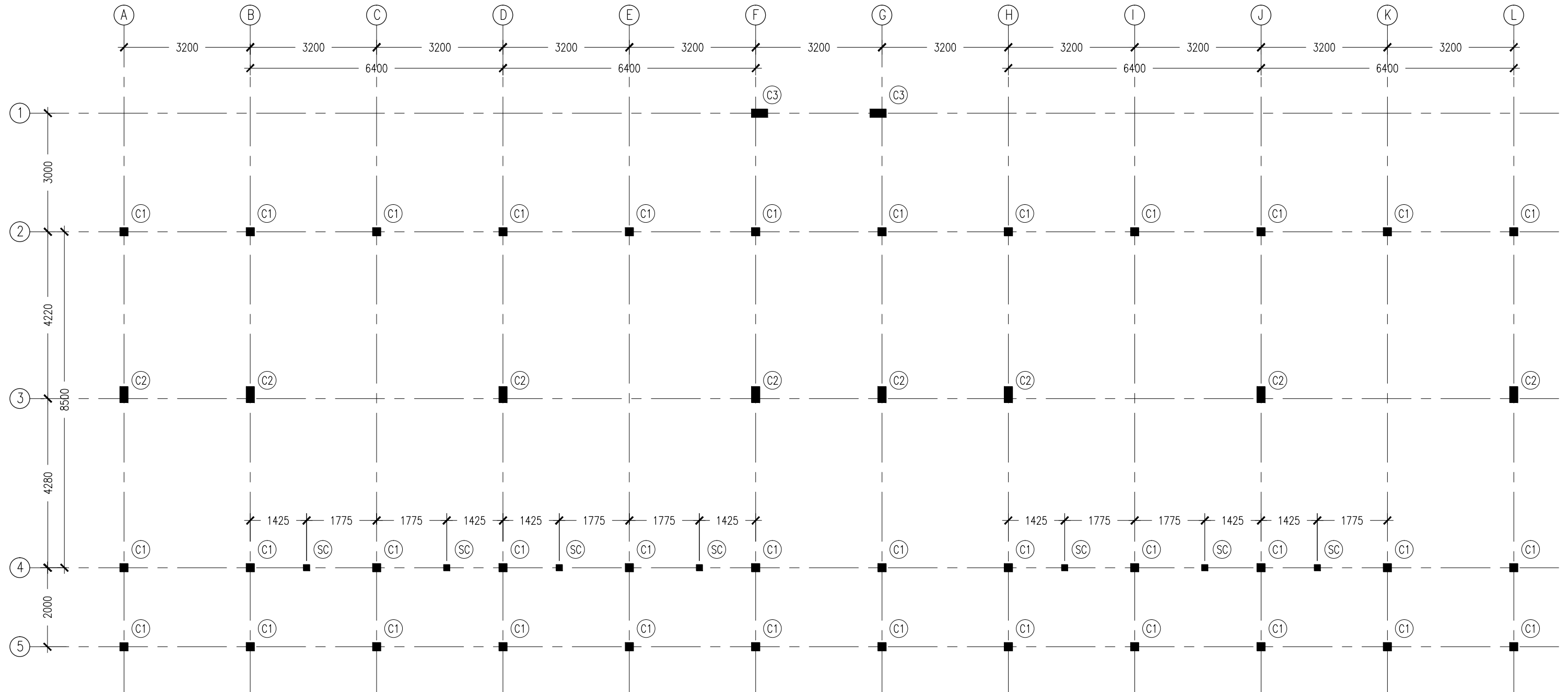


REVISION:	

ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD SAEED

PROJECT:	GEMANAFUSHI SCHOOL
LOCATION:	GA.GEMANAFUSHI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

A-22
DWG NO
PROJECT NO.: 14-109



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.

## COLUMN SETTING 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: MOHAMED AHSAN

SERVICES ENG:

ESTIMATOR:

DRAWN BY: SHAMHAD SAEED

PROJECT: GEMANAFUSHI SCHOOL

LOCATION: GA.GEMANAFUSHI

DRAWING TITLE: AS GIVEN

CLIENT:

SCALE: AS GIVEN

MINISTRY OF EDUCATION

	DIMENSION: MM
--	---------------

DATE: MAY 2015

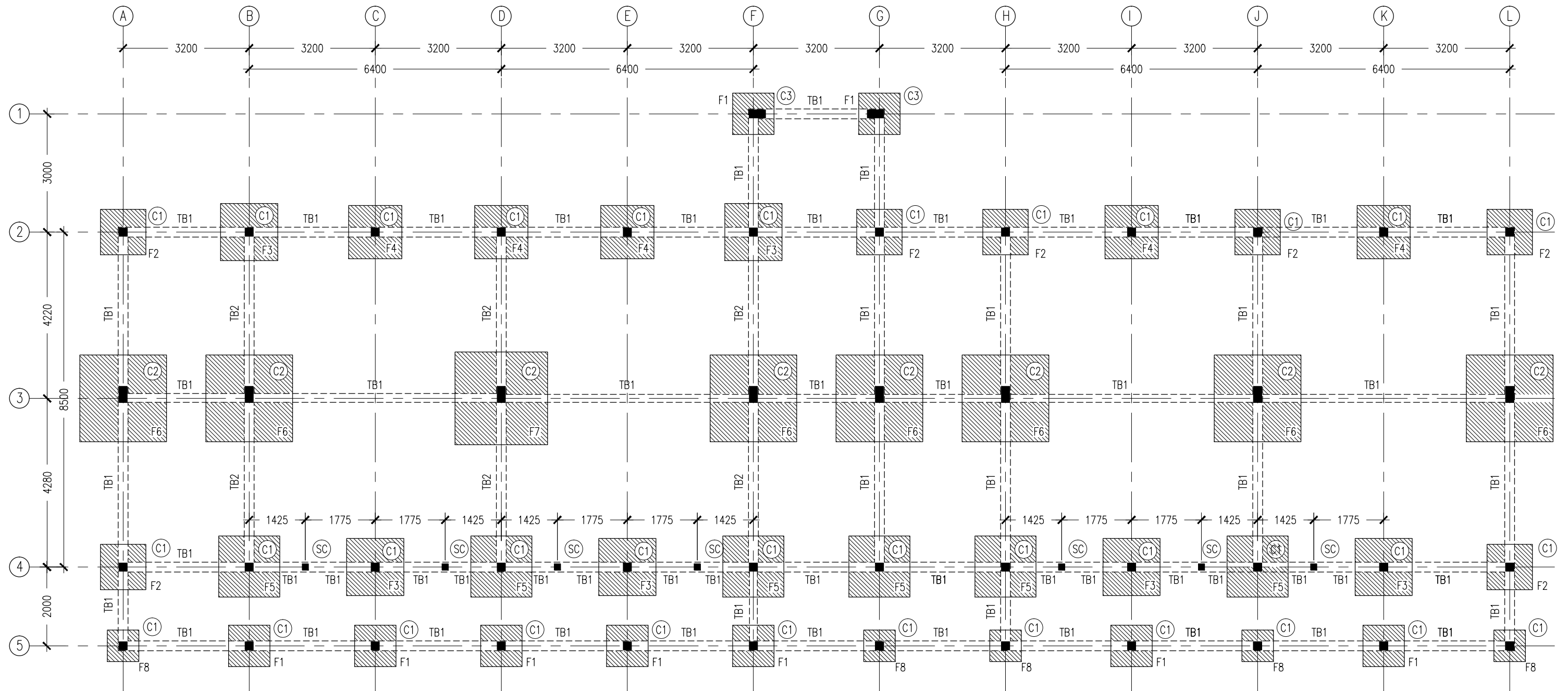
S-01

WG NO

PROJECT NO.: 14-109

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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.

## FOUNDATION LAYOUT PLAN

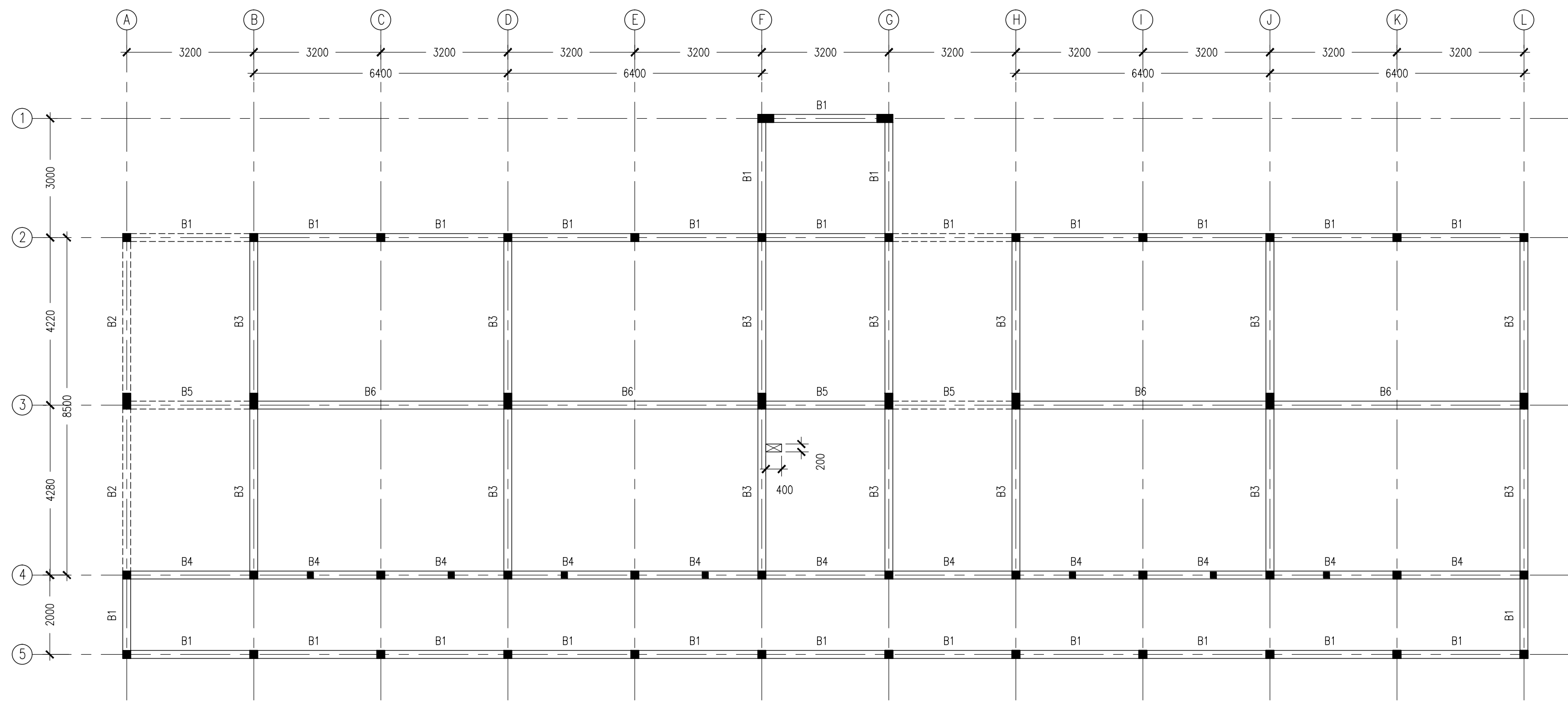
SCALE 1:100

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:			S-02
	ENGINEER:	MOHAMED AHSAN	LOCATION:			
	SERVICES ENG:		DRAWING TITLE:			
	ESTIMATOR:		CLIENT:			
	DRAWN BY:	SHAMHAD SAEED	SCALE: AS GIVEN			
			DIMENSION: MM		DWG NO	
		DATE: MAY 2015				
					PROJECT NO.: 14-109	
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPRIETIES OF ARCHYENB STYLO BUT TO IN UNAUTHORIZED USE OR REPRODUCTION BASED ON THE DESIGN DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED.						

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- 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 MEGAFLW MP TO ALL EXTERNAL PLASTER &  
FOR WET AREA PLASTER
  - ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

1ST -2ND FLOOR SLAB BEAM 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

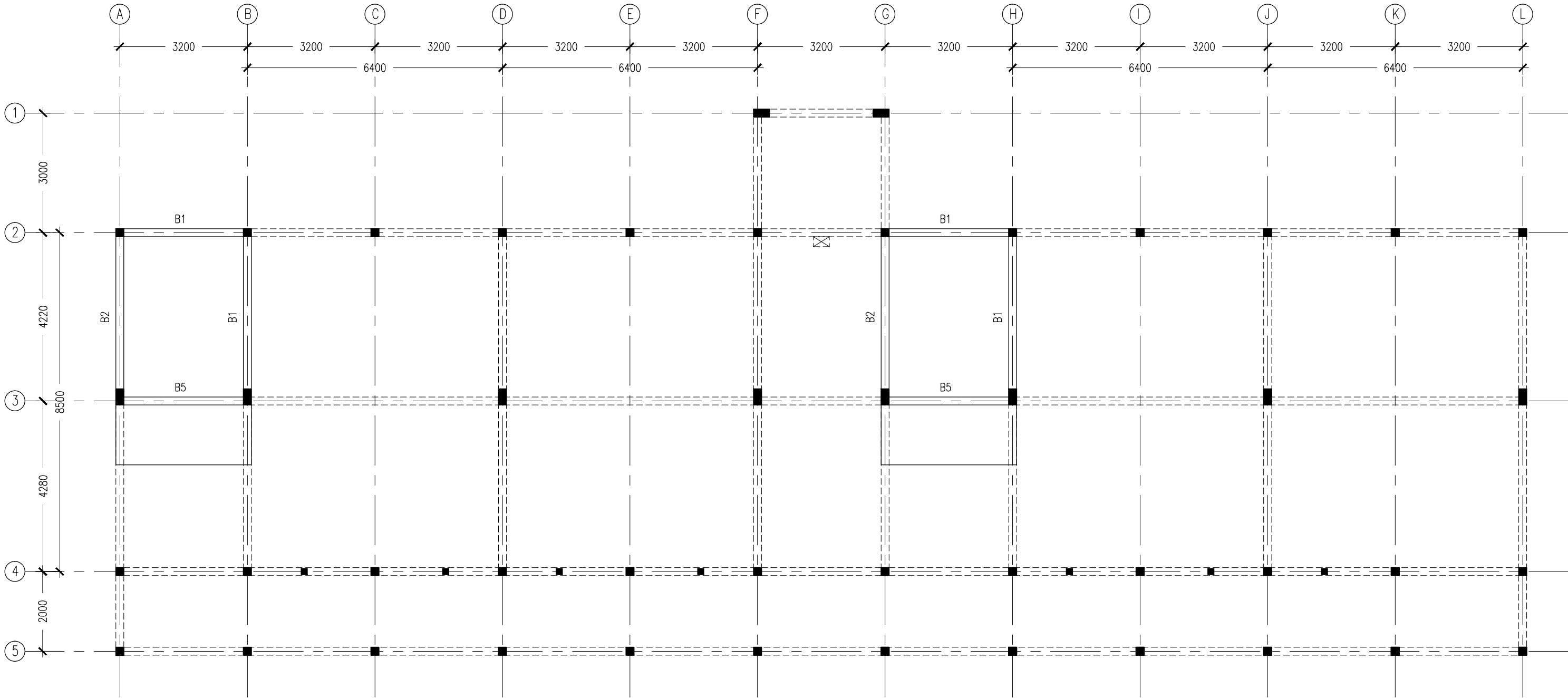


REVISION:

ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD SAEED

PROJECT:	GEMANAFUSHI SCHOOL
LOCATION:	GA.GEMANAFUSHI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

S-03
DWG NO
PROJECT NO.: 14-109



- 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 MEGAFLW MP TO ALL EXTERNAL PLASTER &  
FOR WET AREA PLASTER
  - ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

SLAB BEAM AT HALF-LANDING 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: GEMANAFUSHI SCHOOL			S-04
	ENGINEER: MOHAMED AHSAN		LOCATION: GA.GEMANAFUSHI			
	SERVICES ENG:		DRAWING TITLE: AS GIVEN			
	ESTIMATOR:		CLIENT: MINISTRY OF EDUCATION			
	DRAWN BY: SHAMHAD SAEED		SCALE: AS GIVEN	DIMENSION: MM	DATE: MAY 2015	
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.: 14-109

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PROJECT NO.: 14-109

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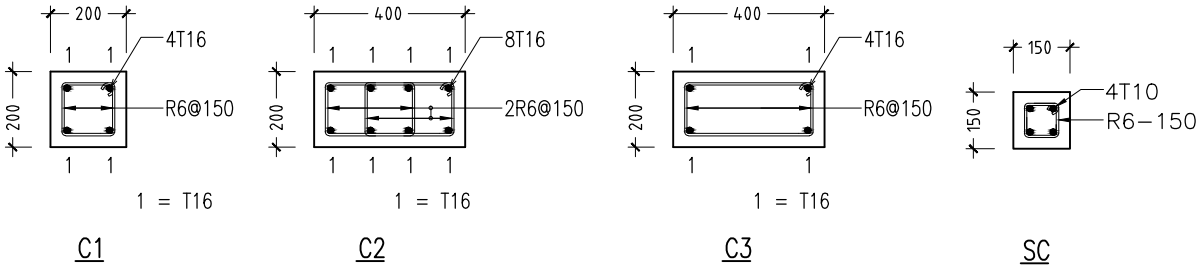
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED





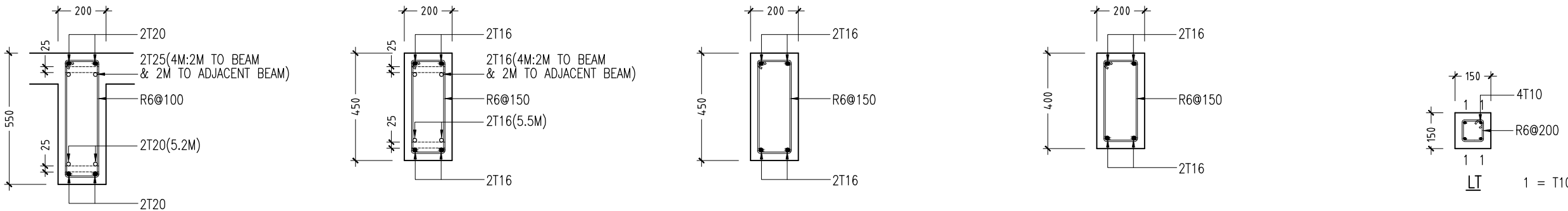
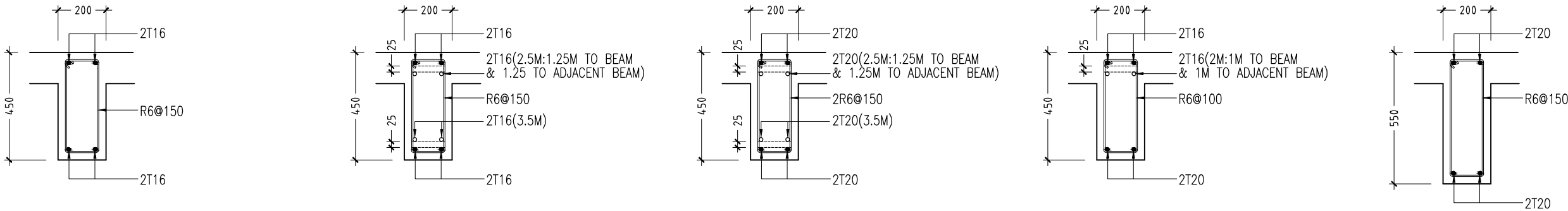
FOOTING	LENGTH/mm	WIDTH/mm	DEPTH/mm	REINFORCEMENT
F1	1050	1050	300	T12@150mm C/C BW BOTTOM
F2	1150	1150	300	T12@150mm C/C BW BOTTOM
F3	1450	1450	300	T12@150mm C/C BW BOTTOM
F4	1350	1350	300	T12@150mm C/C BW BOTTOM
F5	1550	1550	300	T12@150mm C/C BW BOTTOM
F6	2200	2200	300	T16@100mm C/C BW BOTTOM
F7	2350	2350	300	T16@100mm C/C BW BOTTOM
F8	800	800	300	T12@150mm C/C BW BOTTOM

FOOTING DETAILS



COLUMN DETAILS

SCALE 1:20



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

RC BEAM DETAILS  
SCALE 1:20

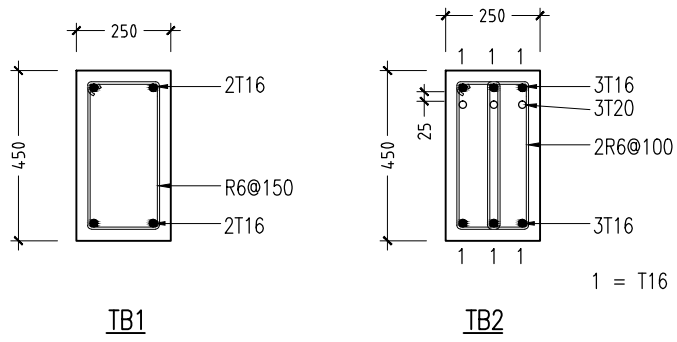
LINTEL/SILL BEAM DETAILS  
SCALE 1:20

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



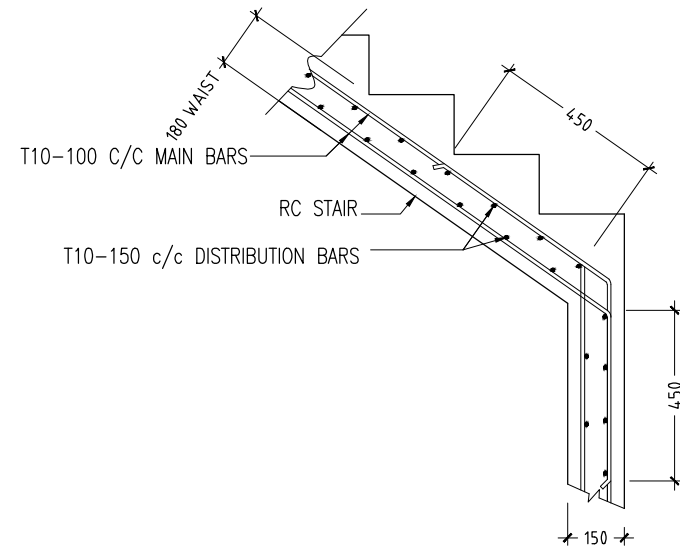
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	S-09
	ENGINEER: MOHAMED AHSAN	LOCATION: GA.GEMANAFUSHI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
CONCEPT AND DESIGN IN THIS 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			DWG NO
			PROJECT NO.: 14-109





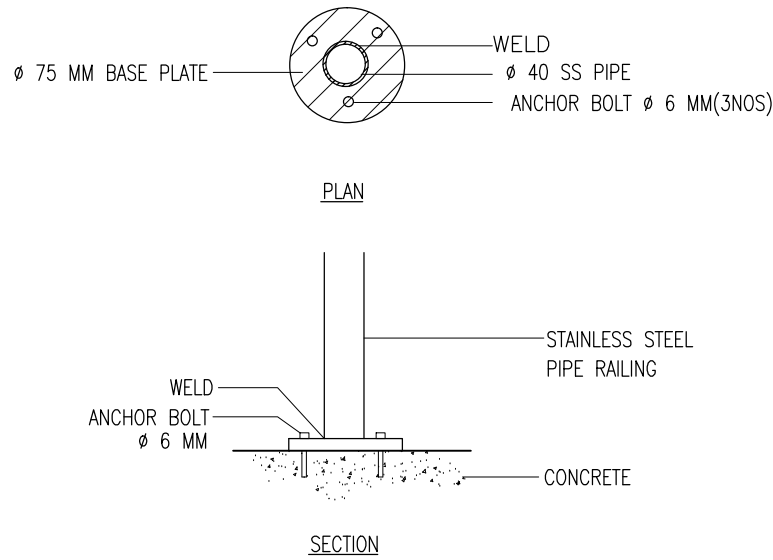
FOUNDATION BEAM DETAILS

SCALE 1:20



TYPICAL STAIR RFMT DETAIL

SCALE 1:20



DETAIL D ( STAIR RAILING )

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

**ArchEng**  
s t u d i o

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

REVISION:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

ARCHITECT: MOHAMED HAMEEN

ENGINEER: MOHAMED AHSAN

SERVICES ENG:

ESTIMATOR:

DRAWN BY: SHAMHAD SAEED

PROJECT: GEMANAFUSHI SCHOOL

LOCATION: GA.GEMANAFUSHI

DRAWING TITLE: AS GIVEN

CLIENT: MINISTRY OF EDUCATION

SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

**S-10**

DWG NO

PROJECT NO.: 14-109

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# GEMANAFUSHI SCHOOL

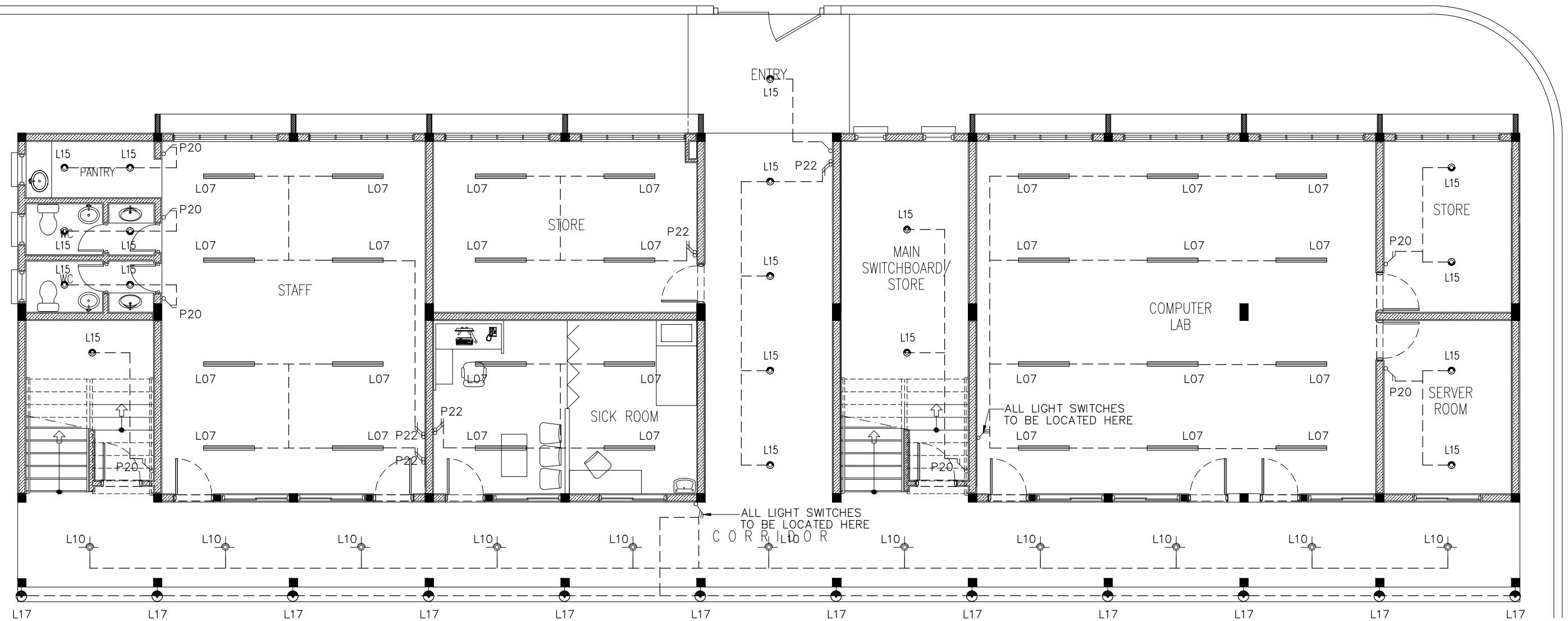
## -THREE STOREY BUILDING- ELECTRICAL DRAWINGS

MARCH 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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



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

**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

CONTRACTORS MUST  
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DRAWINGS FIGURED  
DIMENSIONS TO TAKE  
PRECEDENCE OVER  
SCALE READINGS

**ArchEng**  
s t u d i o  
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admin@archeng.biz

REVISION:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: SHAMHAD SAEED

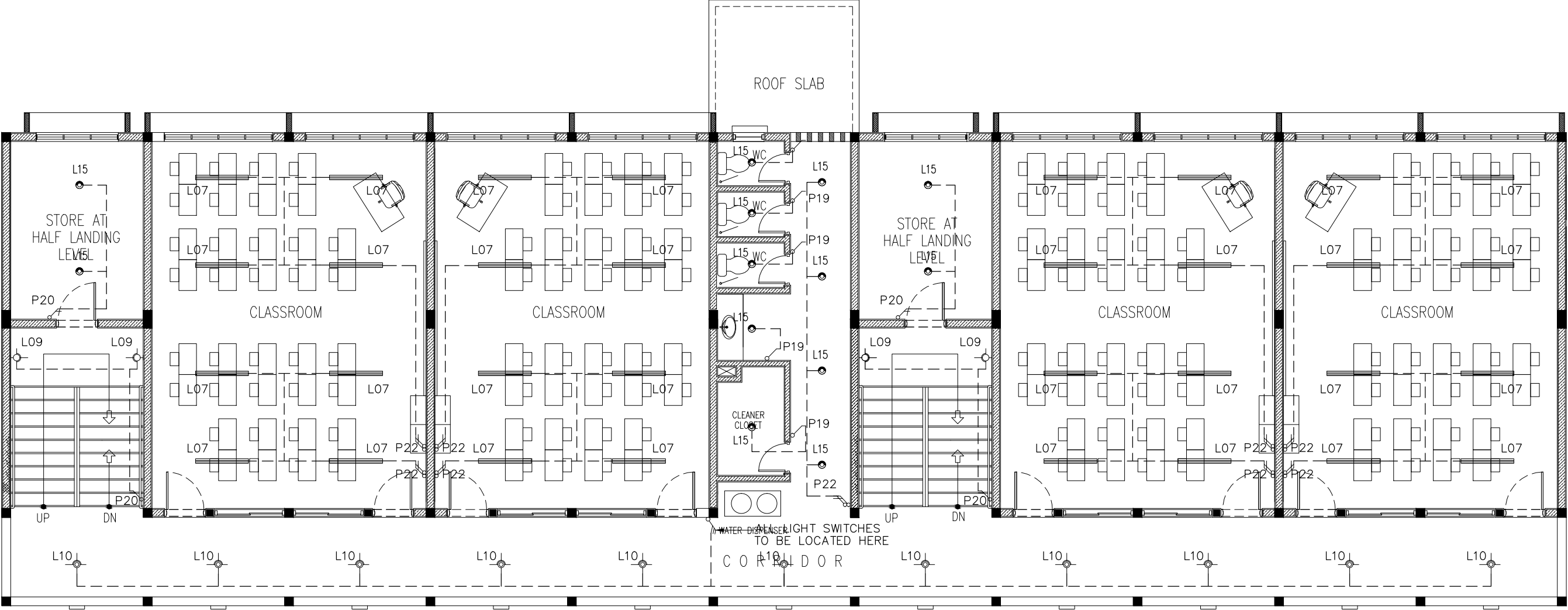
PROJECT: GEMANAFUSHI SCHOOL  
LOCATION: GA.GEMANAFUSHI  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION

SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

**E-01**

DWG NO  
PROJECT NO.: 14-109

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1ST FLOOR LIGHTING PLAN  
SCALE 1:100

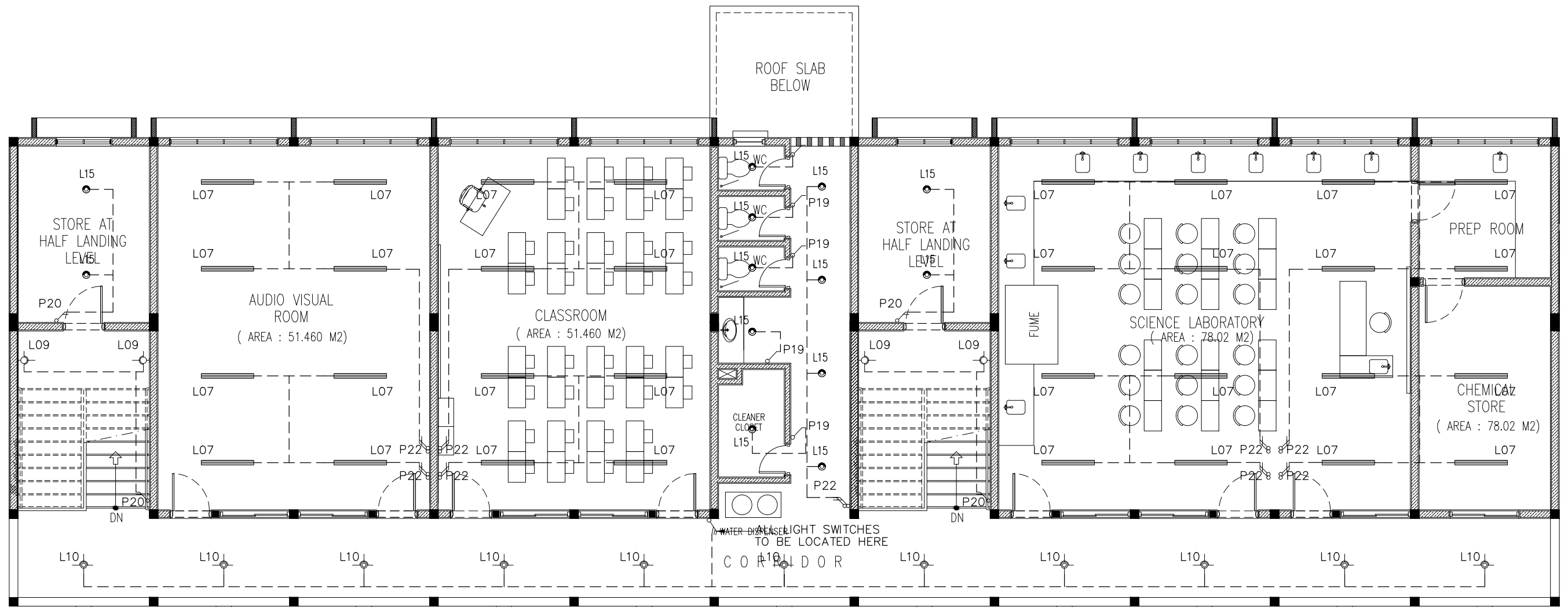
SYMBOL	CODE	DESCRIPTION
	L07	2X36W FLUORESCENT LAMPS IN SURFACE MOUNT LUMINAIRE WITH DIFFUSER
	L09	WALL MOUNT ENERGY SAVING LIGHT
	L10	1X26W COMPACT FLUORESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
	L15	1X60W INCANDESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
	L17	1X60W INCANDESCENT LAMPS IN SURFACE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

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

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

**ArchEng**  
studios  
Ma Piyajhaage, 1st floor, Male - Republic of Maldives  
admin@archeng.biz

REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	GEMANAFUSHI SCHOOL		E-02
	ENGINEER:	MOHAMED AHSAN	LOCATION:	GA.GEMANAFUSHI		
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN		
	ESTIMATOR:		CLIENT:	MINISTRY OF EDUCATION		
	DRAWN BY:	SHAMHAD SAEED	SCALE: AS GIVEN	DIMENSION: MM	DATE: MAY 2015	
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						
			DWG NO			
			PROJECT NO.: 14-109			



**2ND FLOOR LIGHTING PLAN**  
SCALE 1:100

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

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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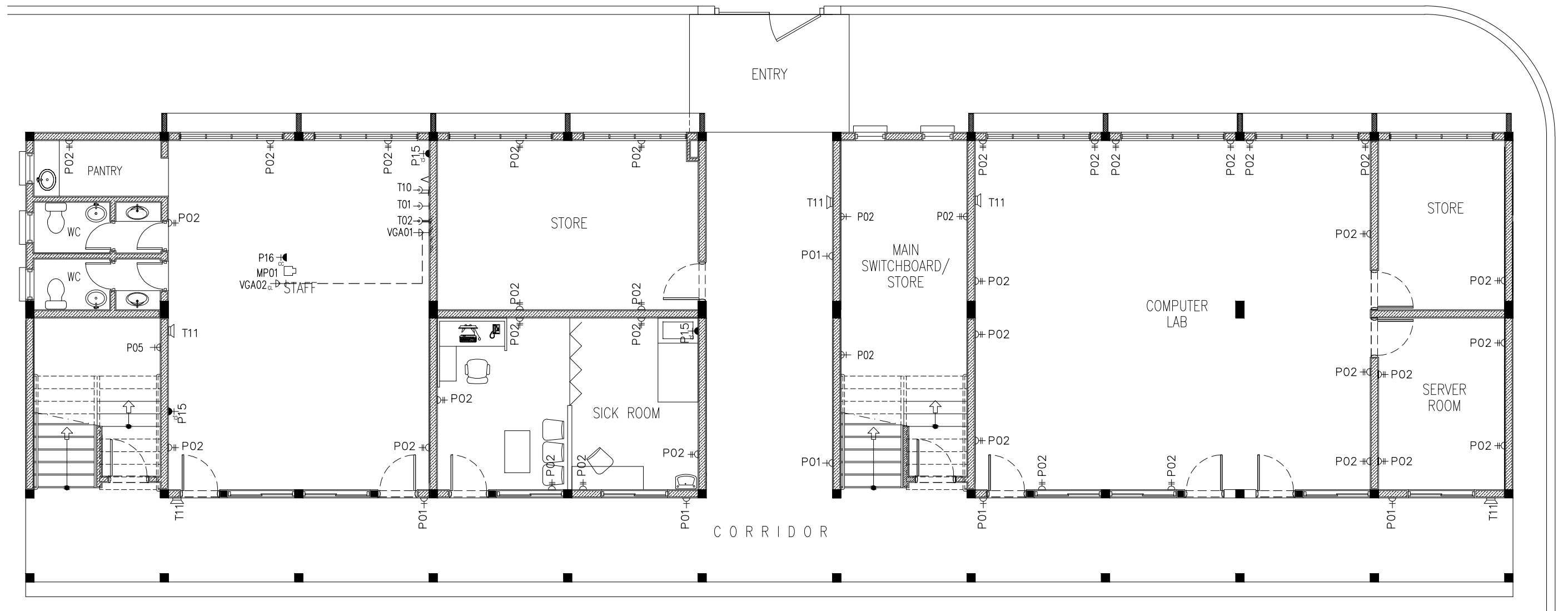
REVISION:  
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ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: SHAMHAD SAEED

PROJECT: GEMANAFUSHI SCHOOL  
LOCATION: GA.GEMANAFUSHI  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN  
DIMENSION: MM  
DATE: MAY 2015

**E-03**  
DWG NO  
PROJECT NO.: 14-109

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# 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
	VGA01	VGA CABLE
	VGA02	VGA CABLE AT CEILING LEVEL

# LEGEND

SYMBOL	CODE	DESCRIPTION
	T01	PLAIN TELEPHONE OUTLET
	T02	COMPUTER NETWORK OUTLET
	MP01	MULTIMEDIA PROJECTOR
	T10	T.V POINT
	T11	SPEAKER

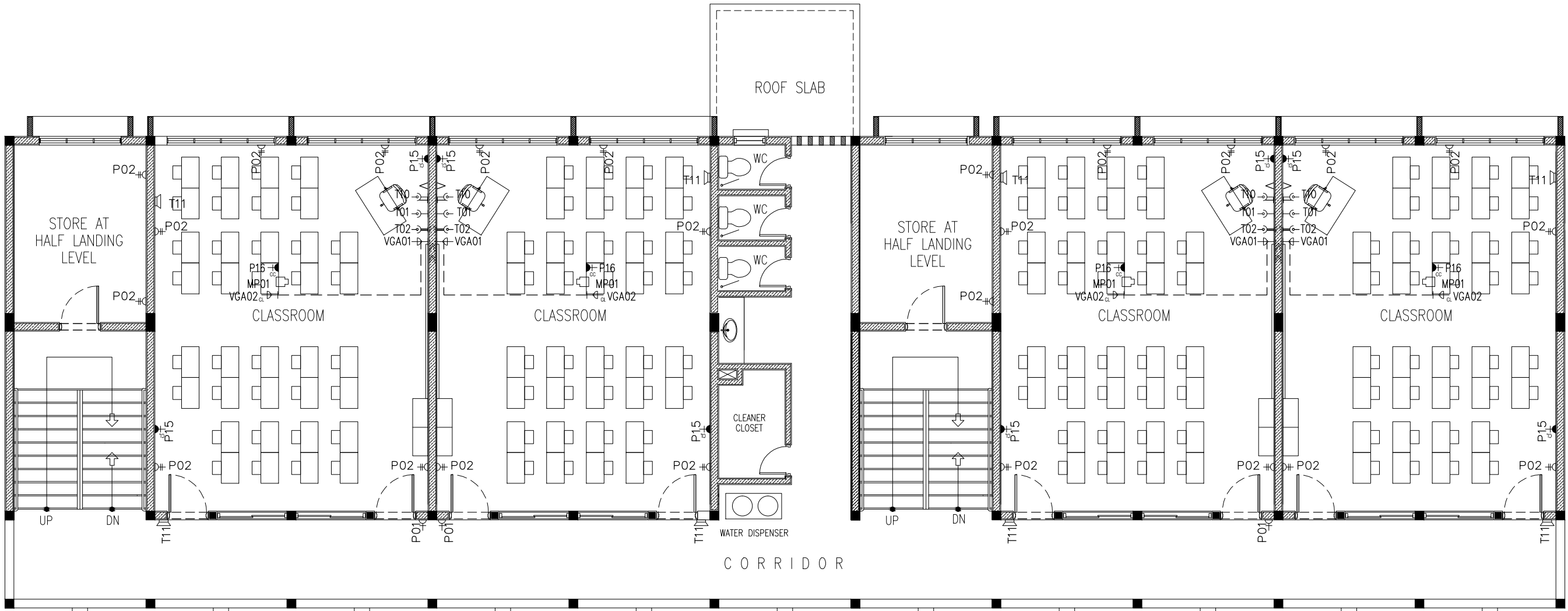
# GROUND FLOOR POWER SOCKET PLAN

SCALE 1:100

CONTRACTORS MUST  
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ANY WORK OR SHOP  
DRAWINGS FIGURED  
DIMENSIONS TO TAKE  
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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
	VGA01	VGA CABLE
	VGA02	VGA CABLE AT CEILING LEVEL

LEGEND

SYMBOL	CODE	DESCRIPTION
	T01	PLAIN TELEPHONE OUTLET
	T02	COMPUTER NETWORK OUTLET
	MP01	MULTIMEDIA PROJECTOR
	T10	T.V POINT
	T11	SPEAKER

1ST FLOOR POWER SOCKET 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



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	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
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