

GEMANAFUSHI SCHOOL

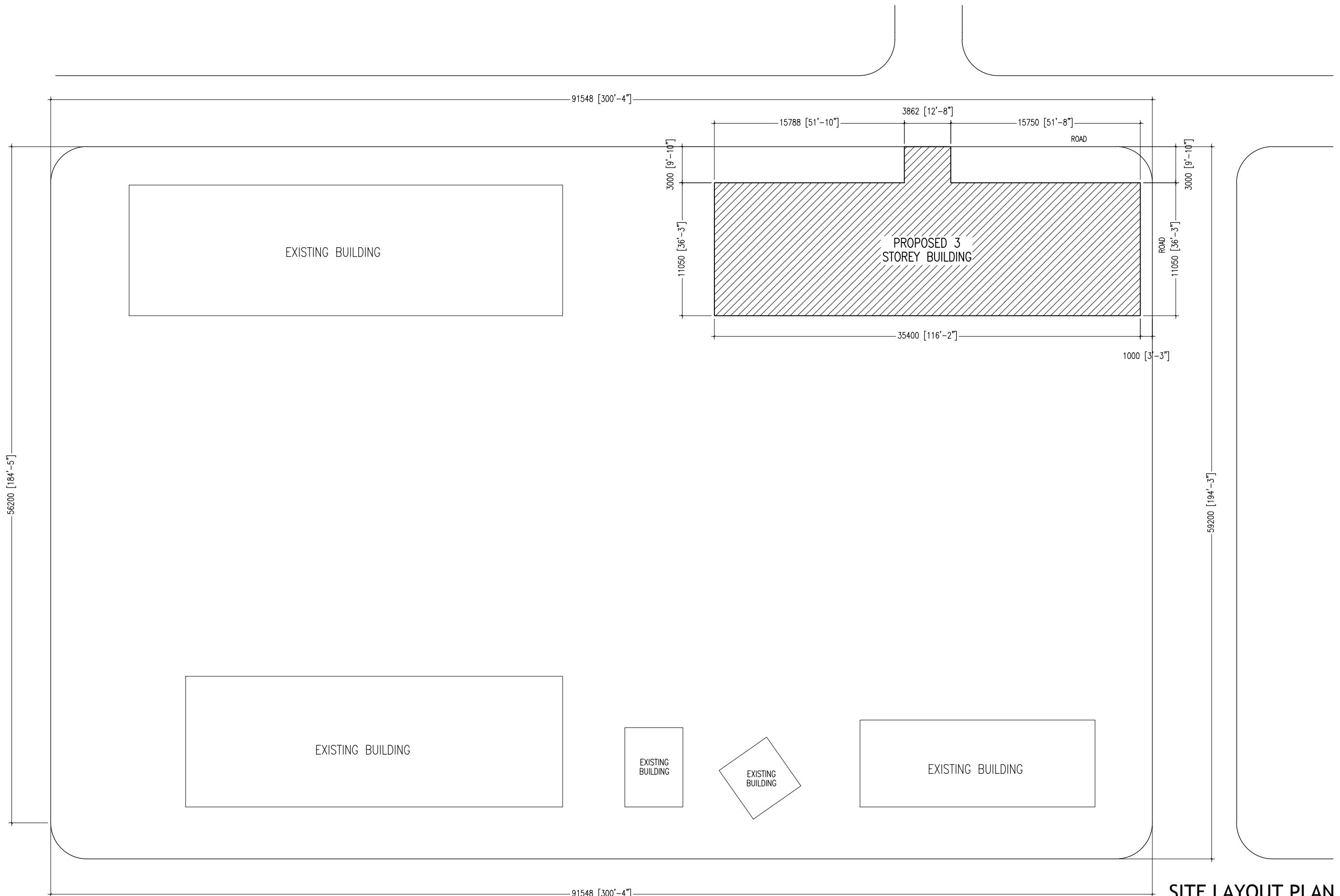
-THREE STOREY BUILDING- ARCHITECTURAL & STRUCTURAL DRAWINGS

MARCH 2015

CLIENT : MINISTRY OF EDUCATION

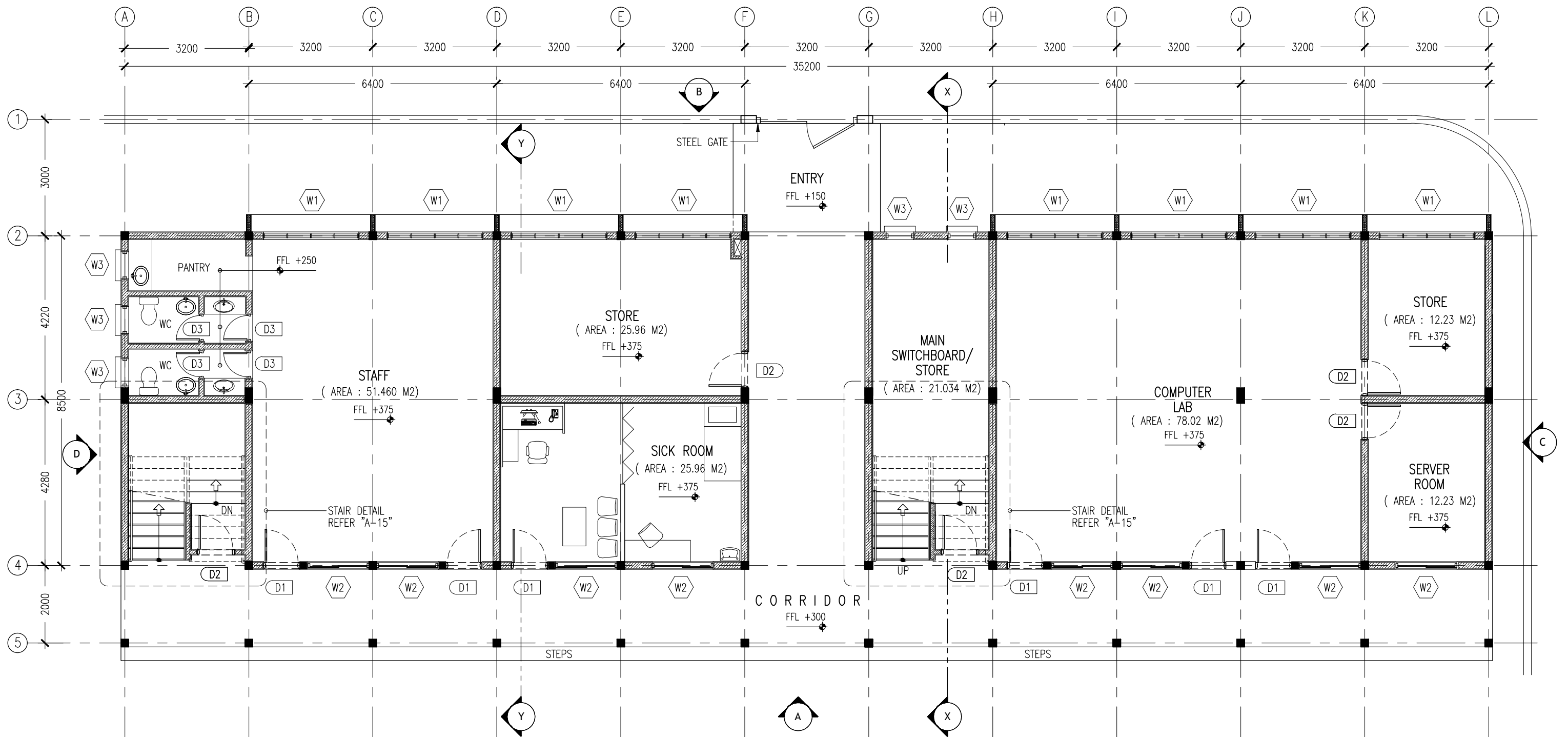
DESIGN BY

ArchEng
s t u d i o
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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:

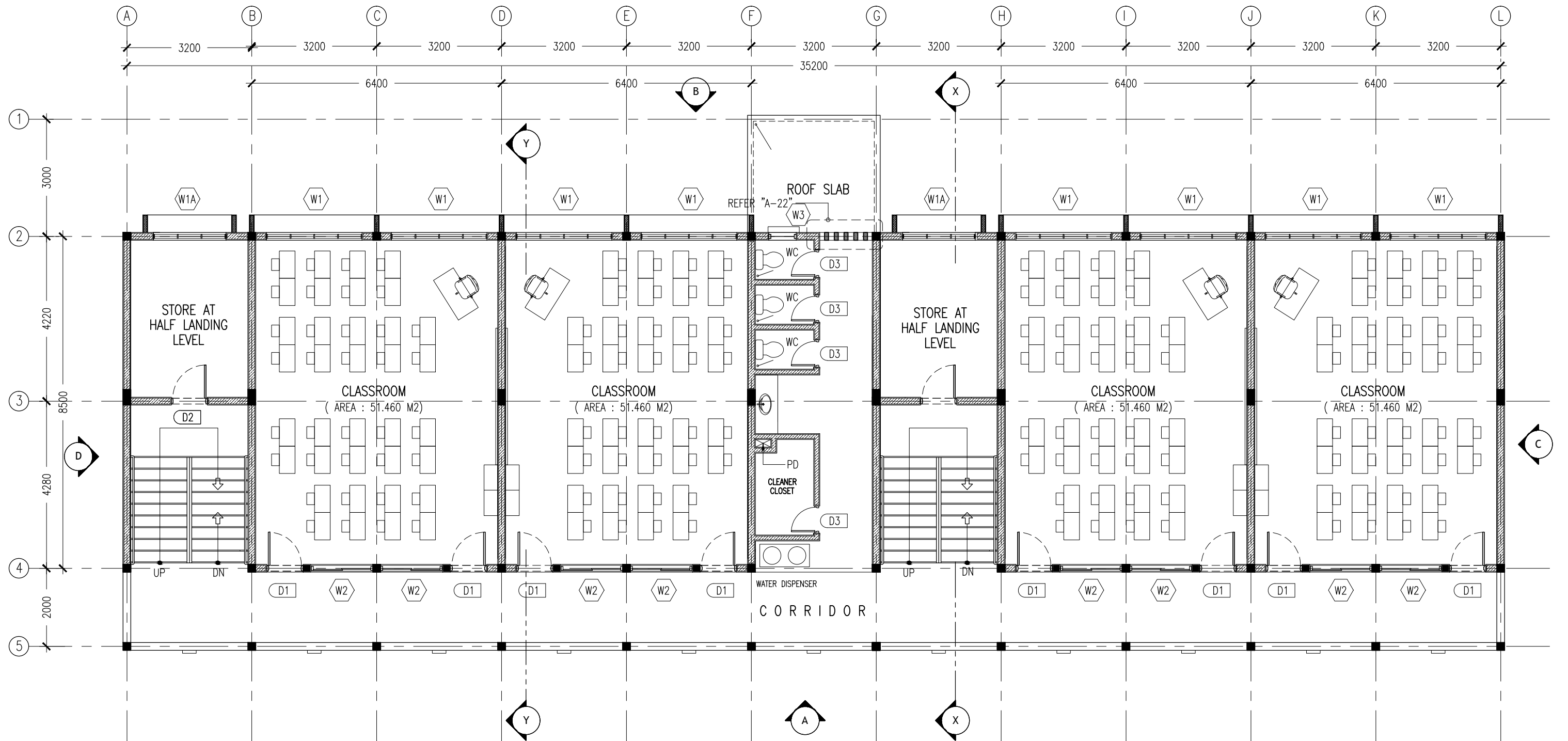
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: SHAMHAD SAEED

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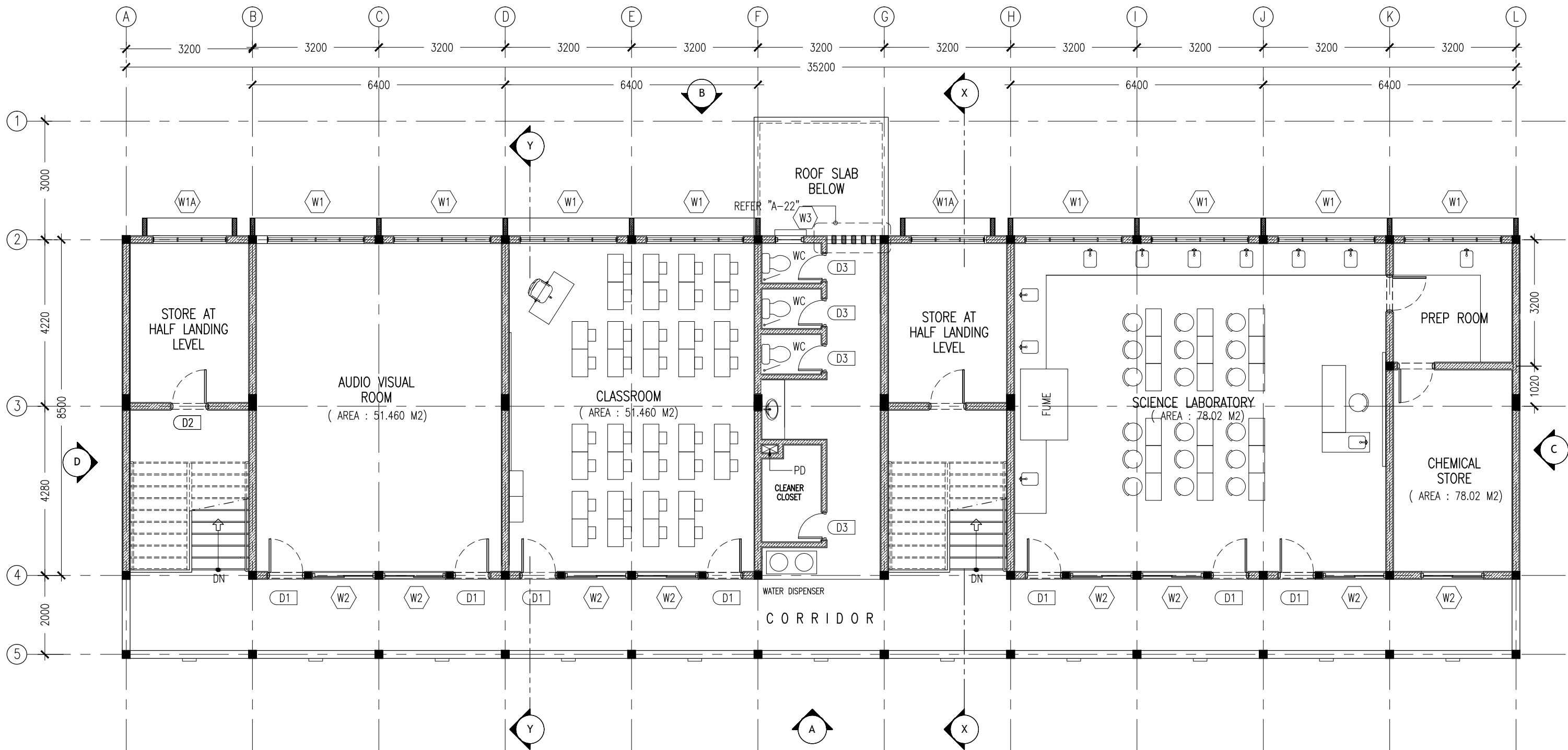
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: SHAMHAD SAEED

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

A-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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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

2ND FLOOR LAYOUT PLAN

SCALE 1:100

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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

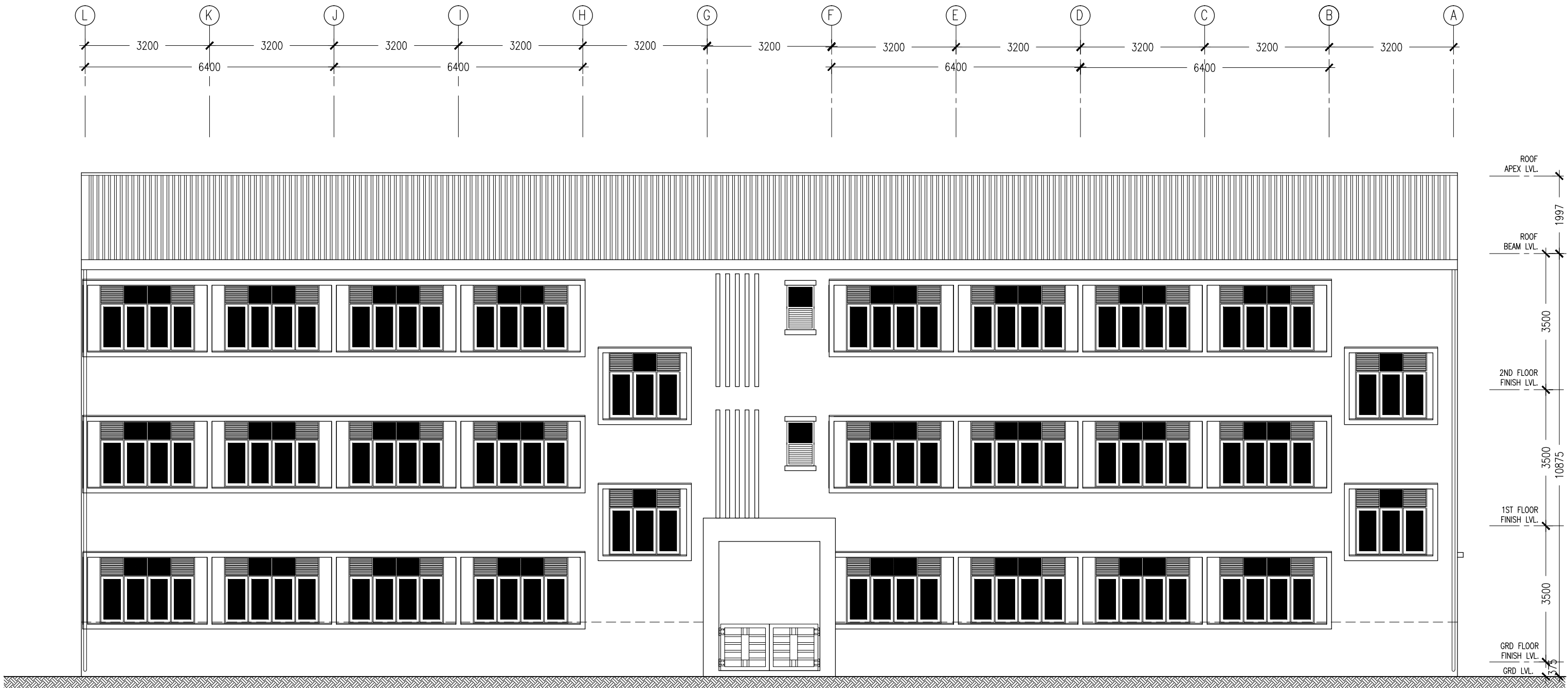
PROJECT:	GEMANAFUSHI SCHOOL
LOCATION:	GA.GEMANAFUSHI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

A-05

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PROJECT NO.: 14-109

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ELEVATION - B
SCALE 1:100

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REVISION:

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

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DIMENSION:	MM
DATE:	MAY 2015

A-06

DWG NO
PROJECT NO.: 14-109

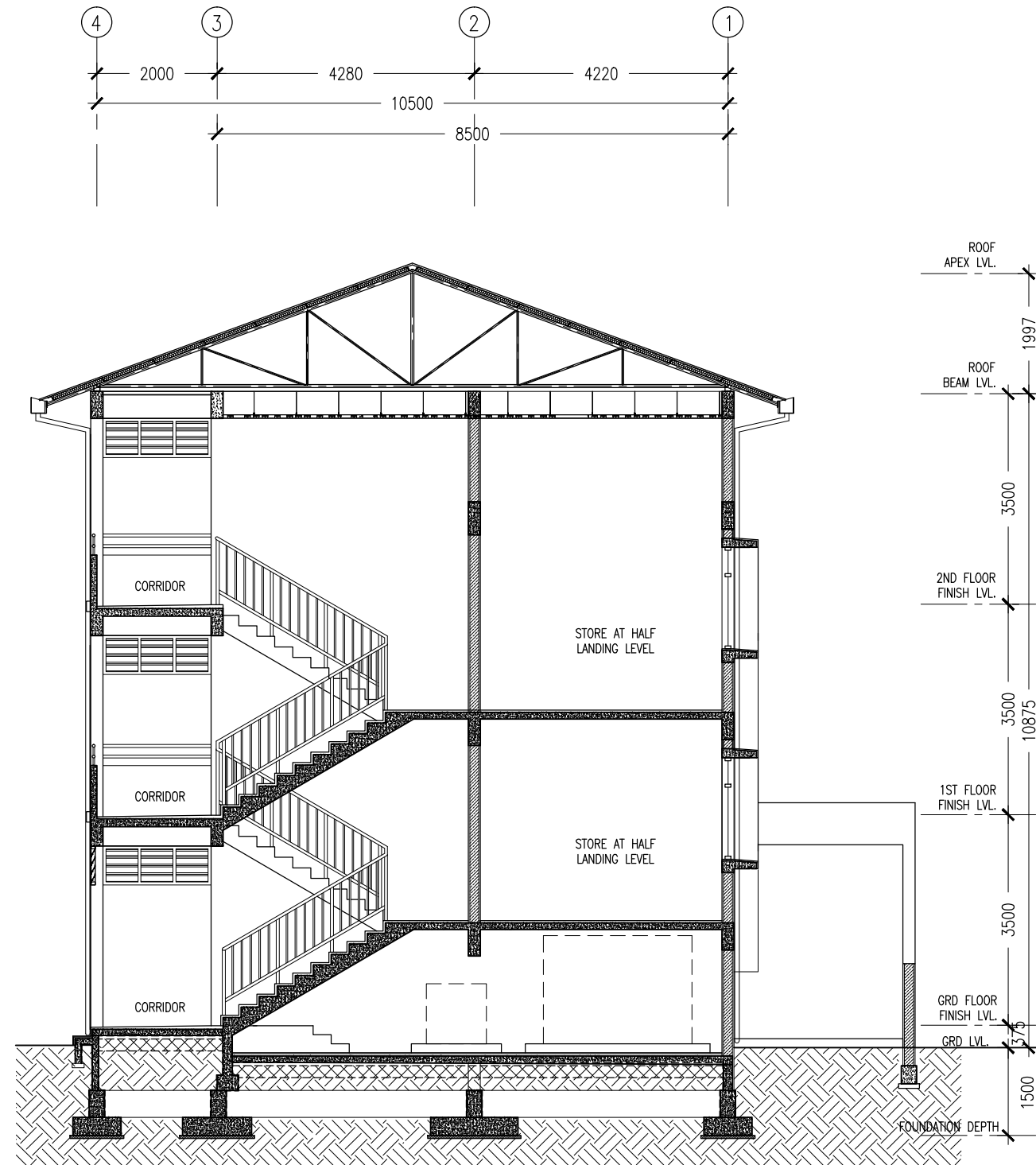
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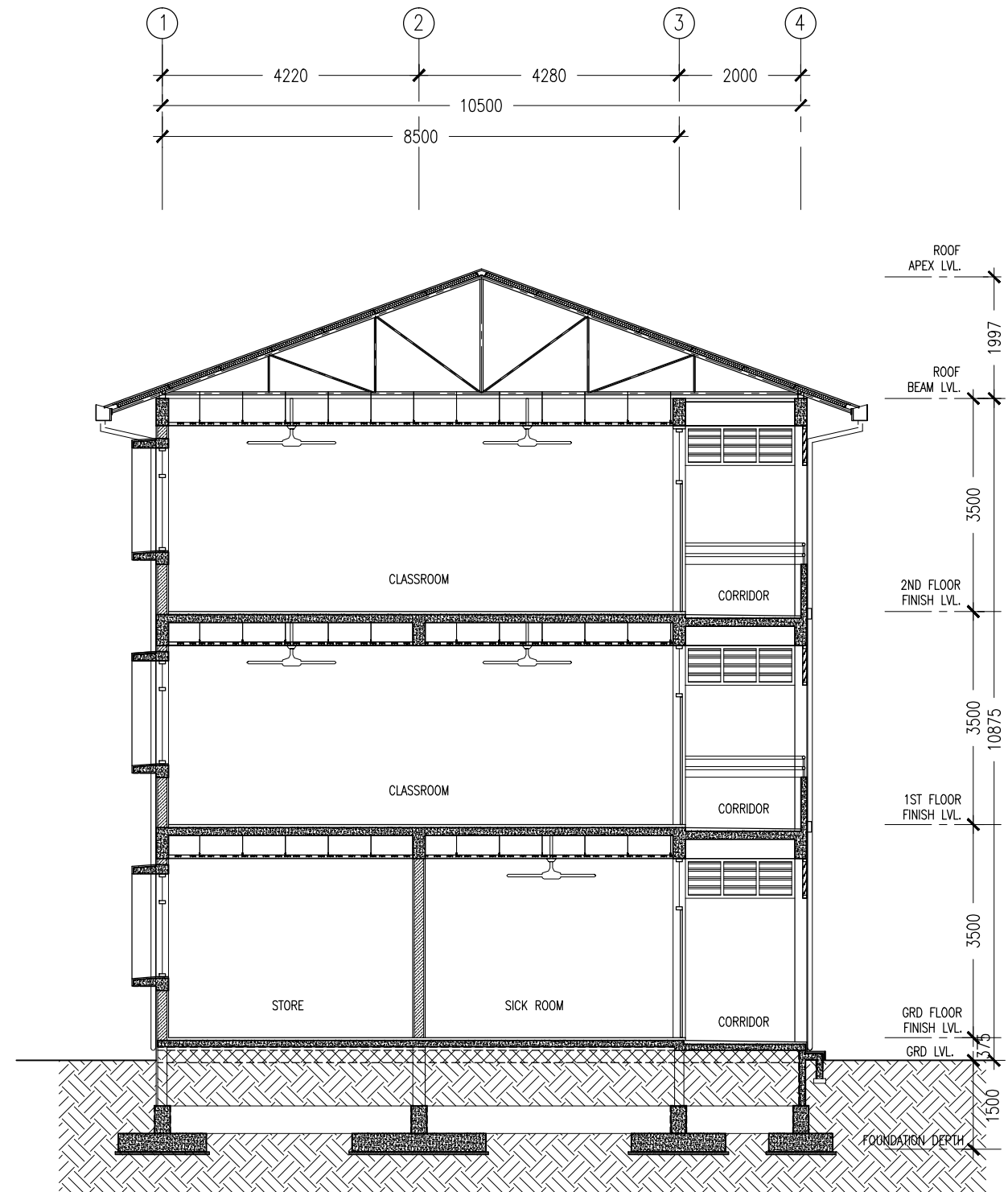
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REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	GEMANAFUSHI SCHOOL			A-07	
	ENGINEER:	MOHAMED AHSAN	LOCATION:	GA.GEMANAFUSHI				
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN				
	ESTIMATOR:		CLIENT:	MINISTRY OF EDUCATION				
	DRAWN BY:	SHAMHAD SAEED	SCALE:	AS GIVEN	DIMENSION:	MM		DATE:
PROJECT NO.: 14-109								
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SECTION X-X
SCALE 1:100

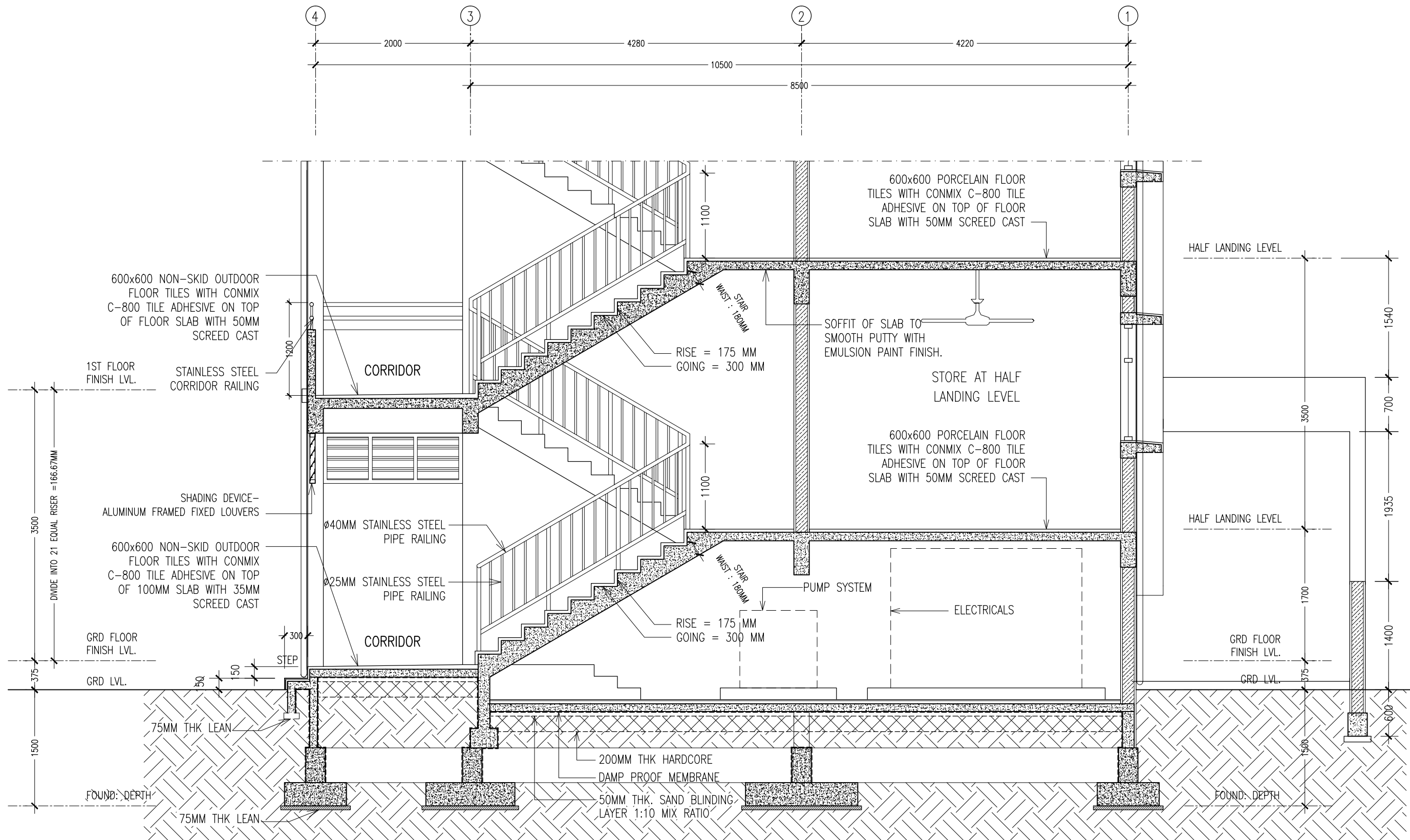


SECTION Y-Y
SCALE 1:100

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	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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			DWG NO
			PROJECT NO.: 14-109



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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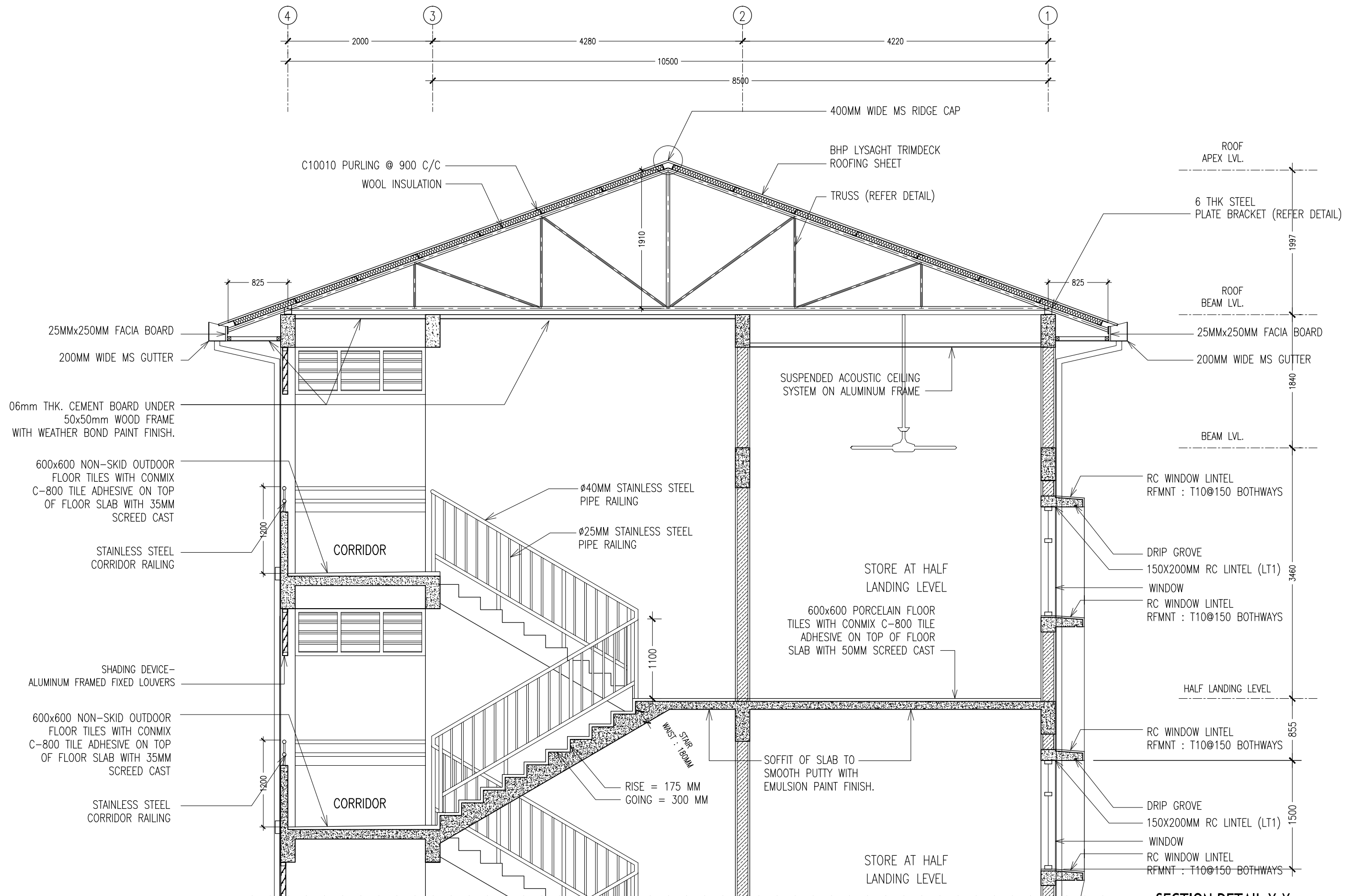
REVISION:

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

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

A-09
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SECTION DETAIL X-X
SCALE 1:50

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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

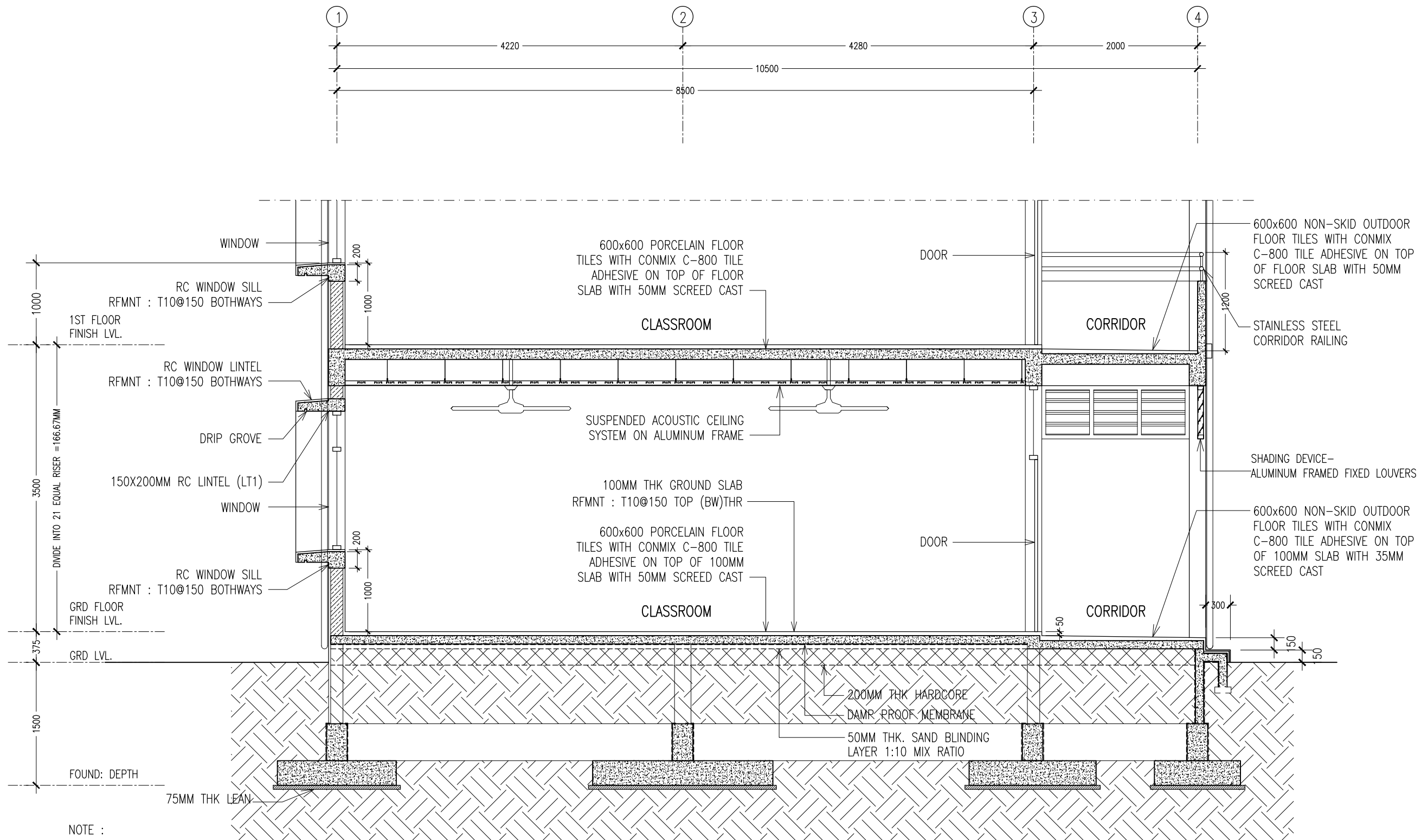
SCALE:	AS GIVEN	DIMENSION:	MM	DATE:	MAY 2015
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A-10

DWG NO

PROJECT NO.: 14-109

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SECTION DETAIL Y-Y
SCALE 1:50

NOTE :
USE CONMIX MEGA ADD WL3
CONCRETE ADMIXTURE ON ALL
FOUNDATION CONCRETE

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

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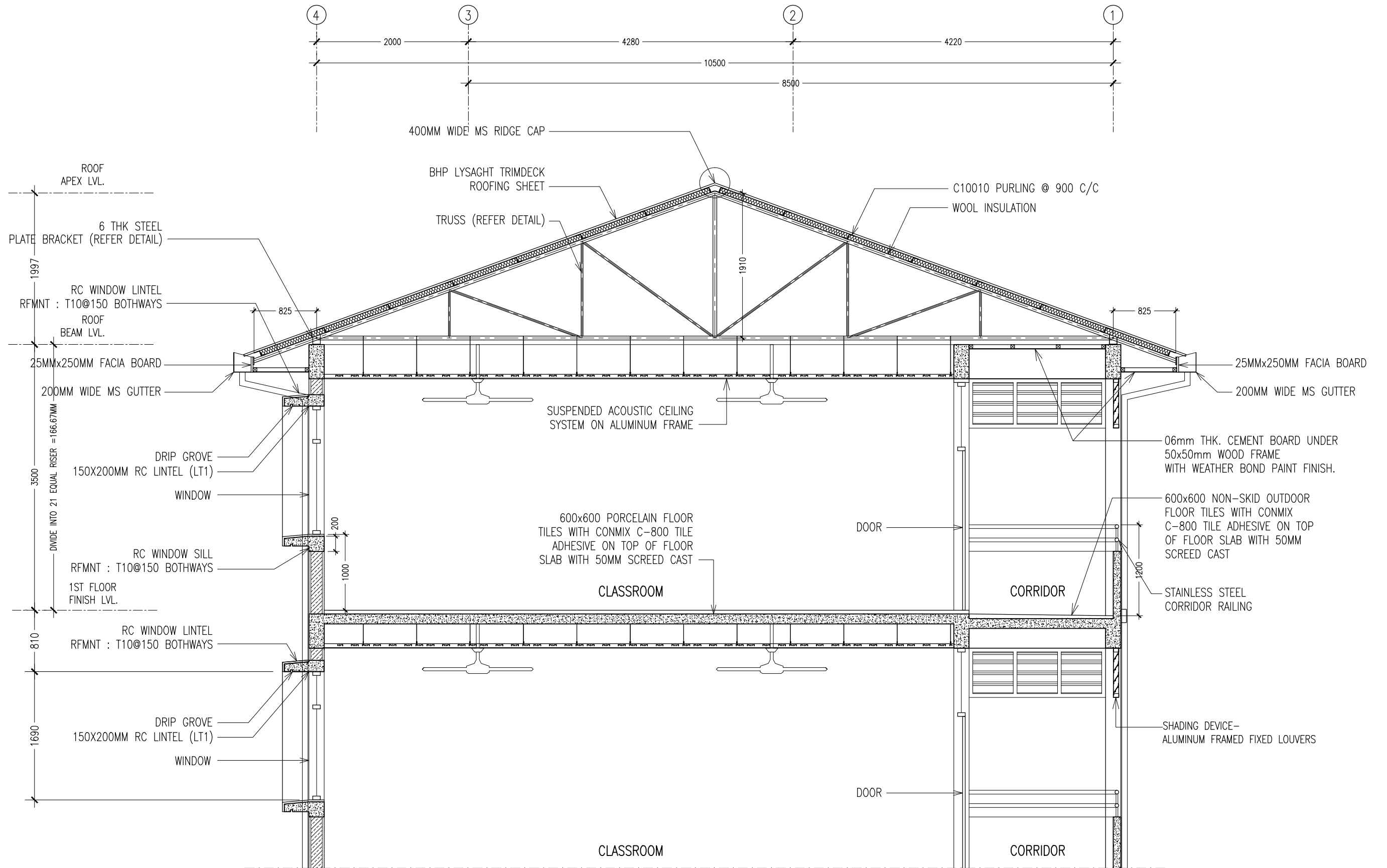
REVISION:	

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-11
DWG NO
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SECTION DETAIL Y-Y
SCALE 1:50

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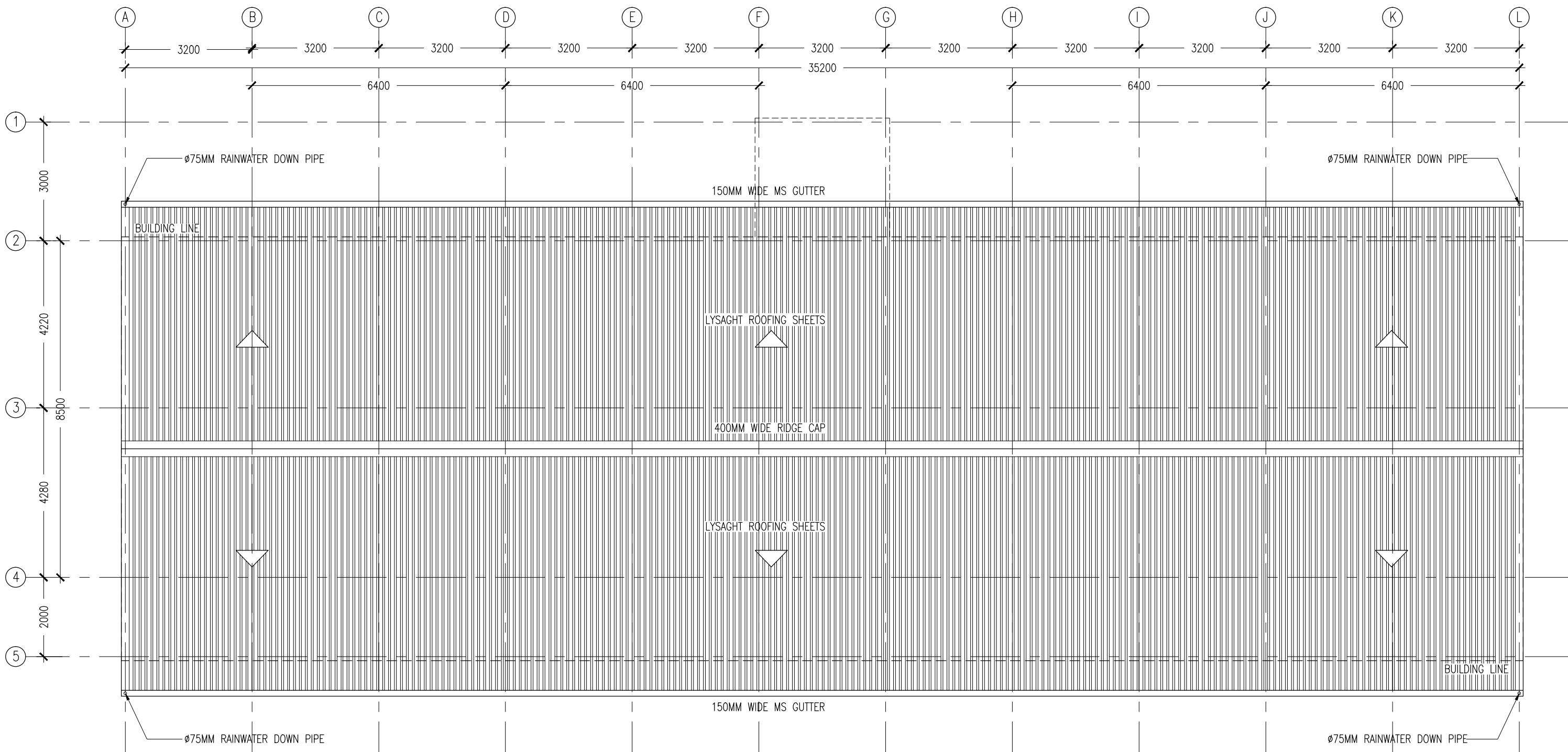
REVISION:

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

PROJECT: GEMANAFUSHI SCHOOL
LOCATION: GA.GEMANAFUSHI
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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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL			A-13
	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			DWG NO
		DATE: MAY 2015			PROJECT NO.: 14-109

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

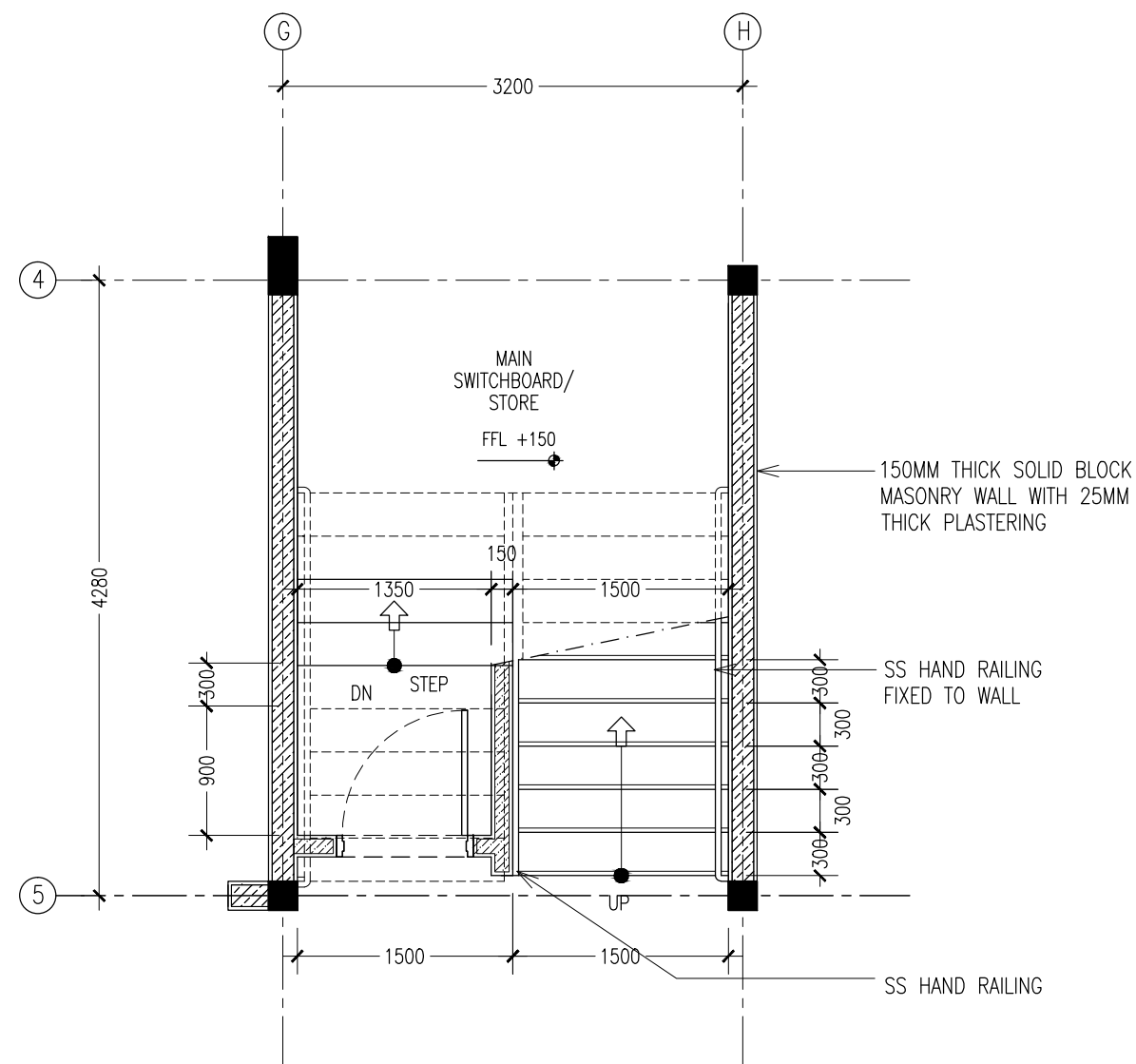
DOO/WINDOW SCHEDULE
SCALE 1:50

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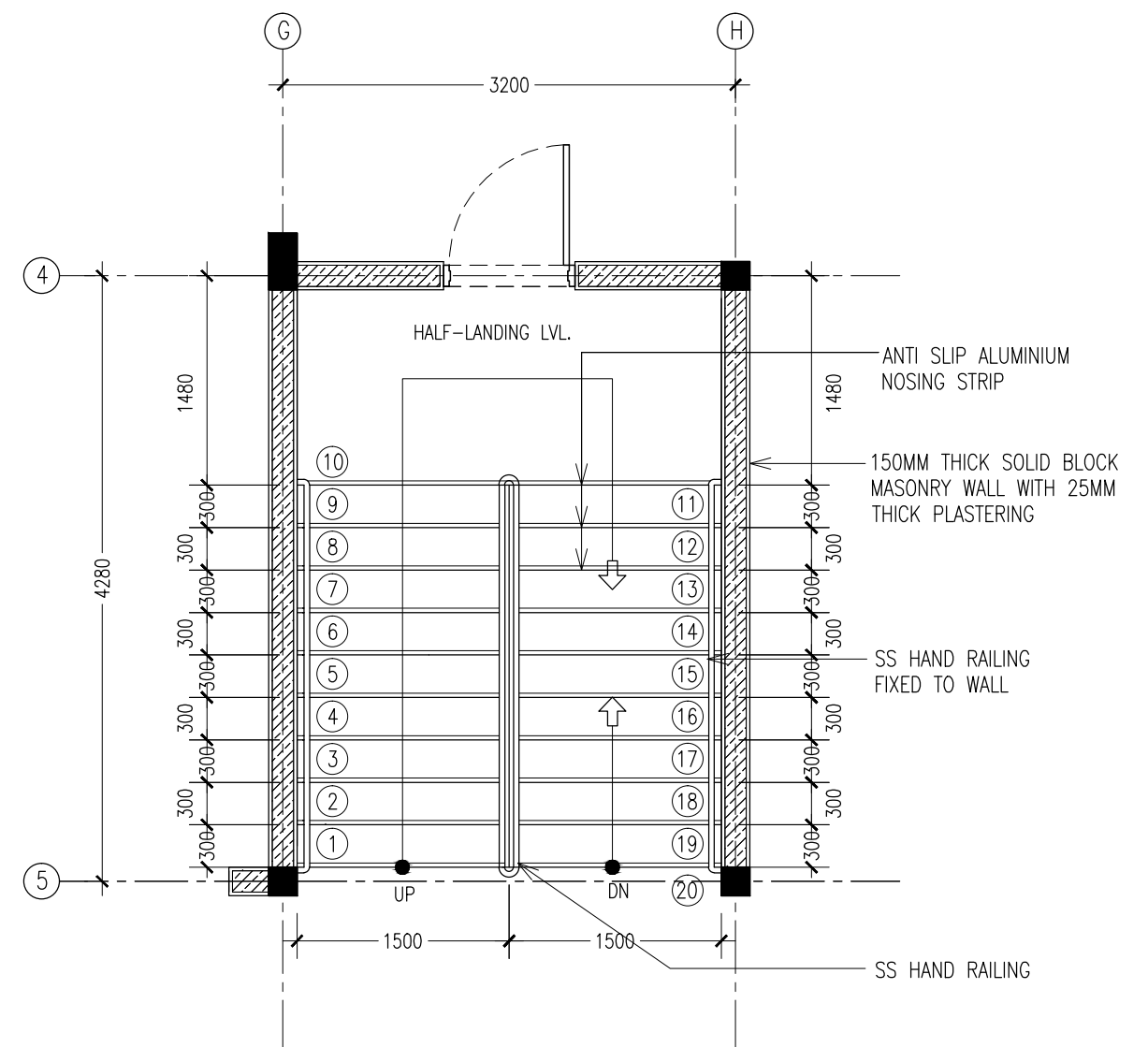


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	A-14
	ENGINEER: MOHAMED AHSAN	LOCATION: GA.GEMANAFUSHI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
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TYPICAL GROUND FLOOR STAIR PLAN
SCALE 1:50



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

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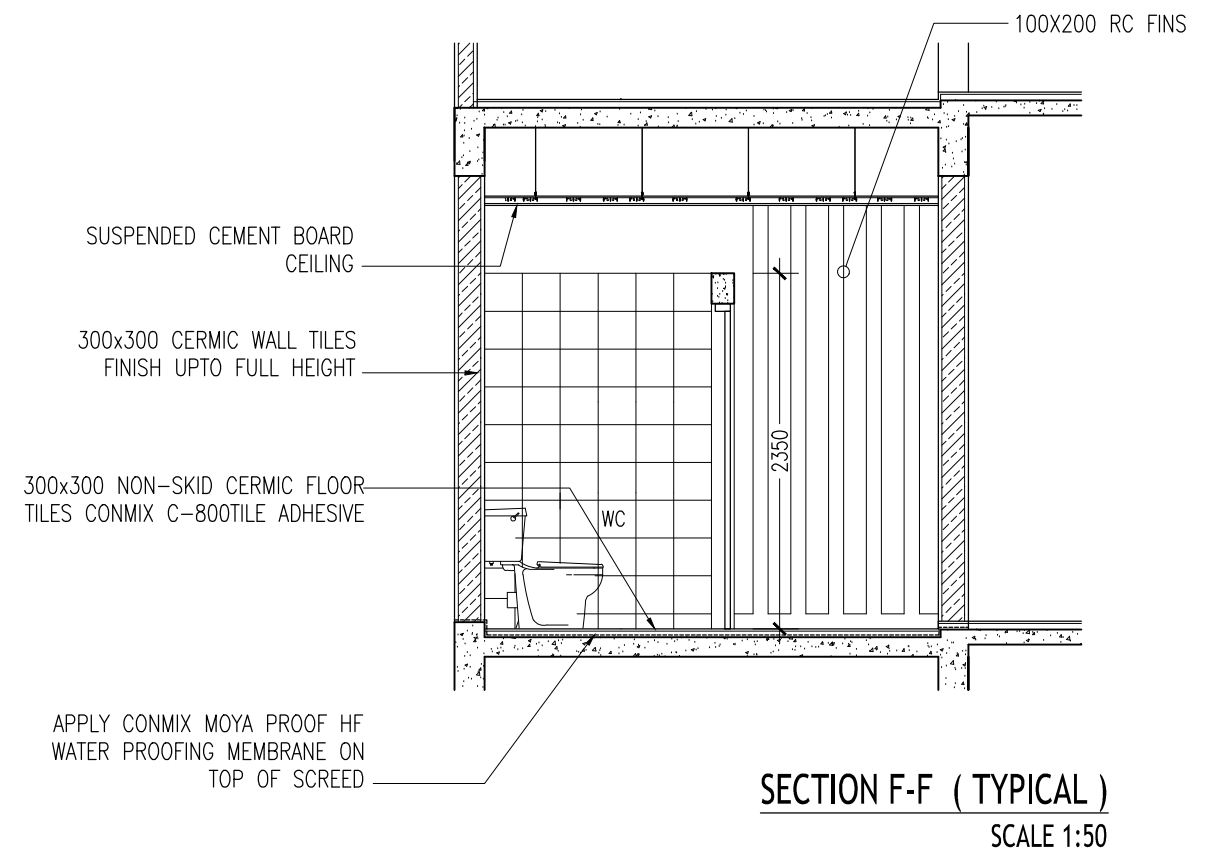
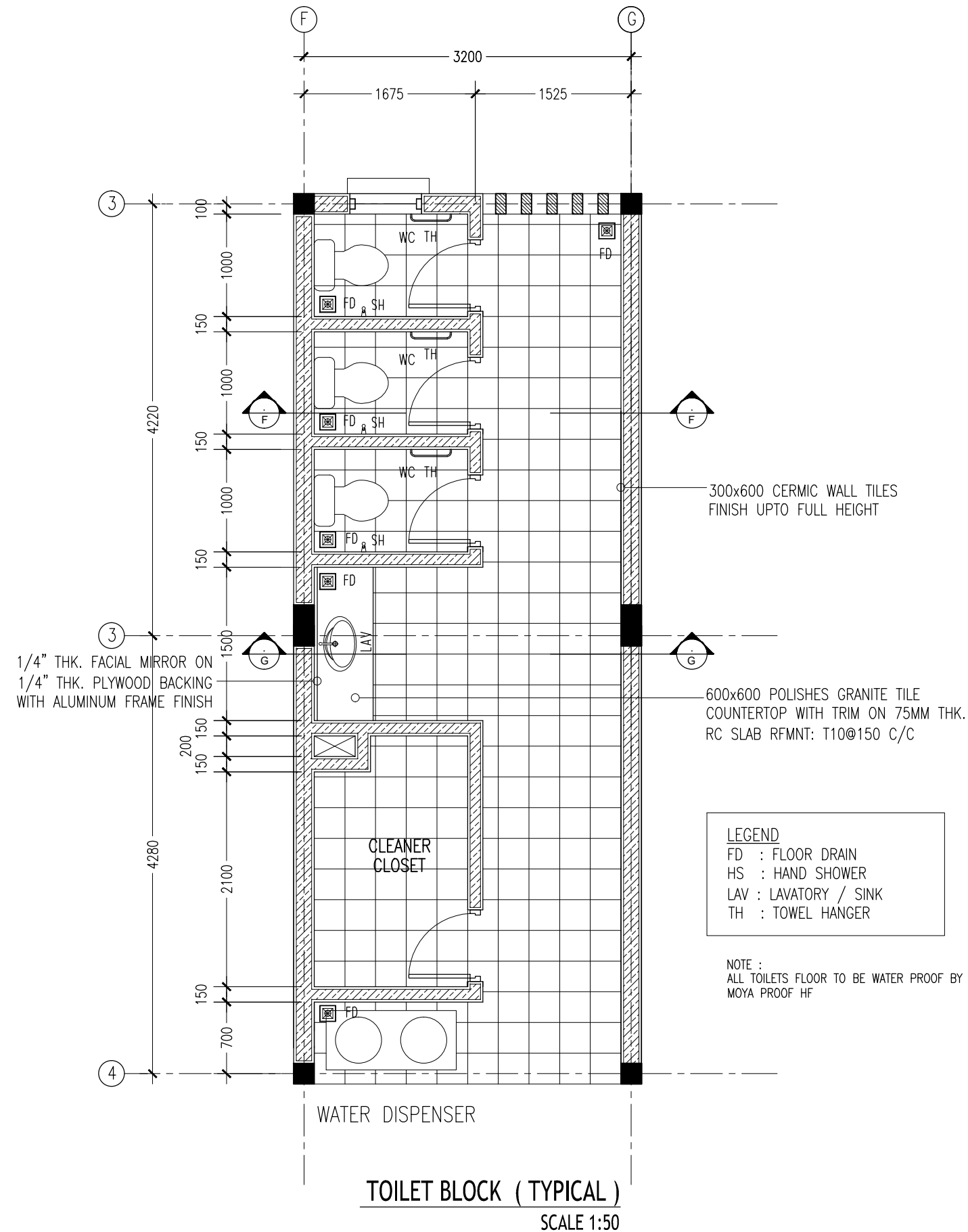
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
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A-15

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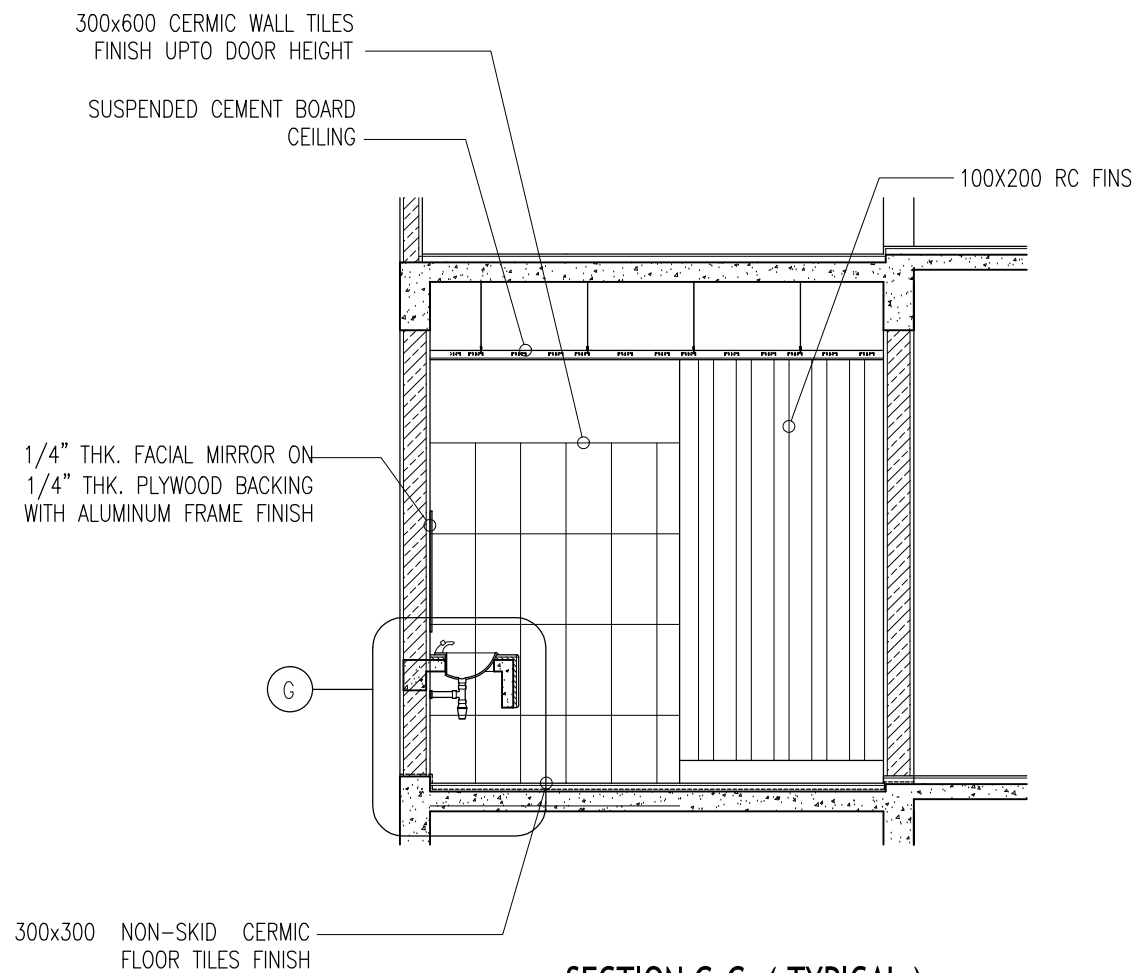
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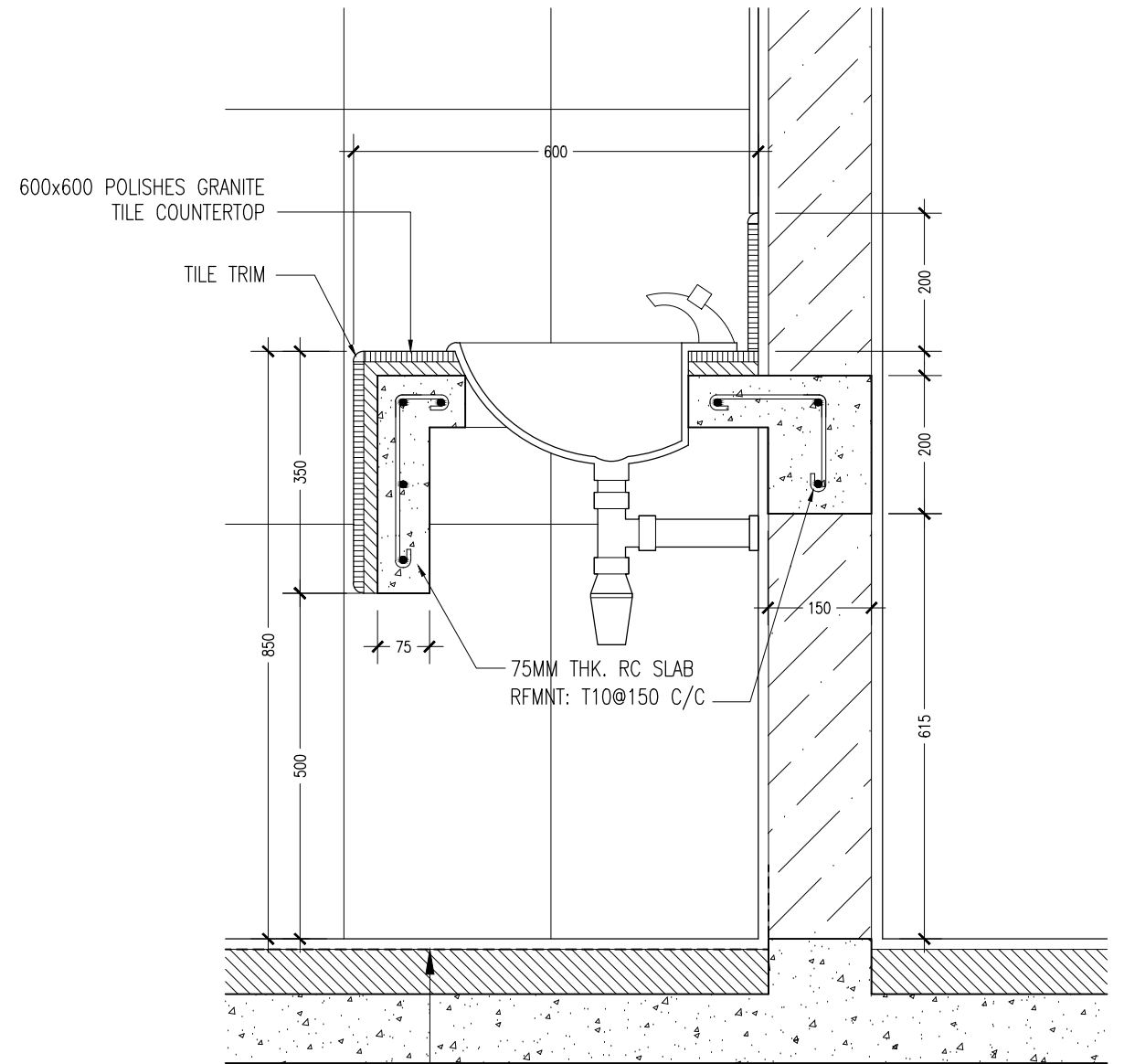
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	A-16
	ENGINEER: MOHAMED AHSAN	LOCATION: GA.GEMANAFUSHI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN	
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			PROJECT NO.: 14-109



SECTION G-G (TYPICAL)
SCALE 1:50



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

SECTION DETAILS G
SCALE 1:10

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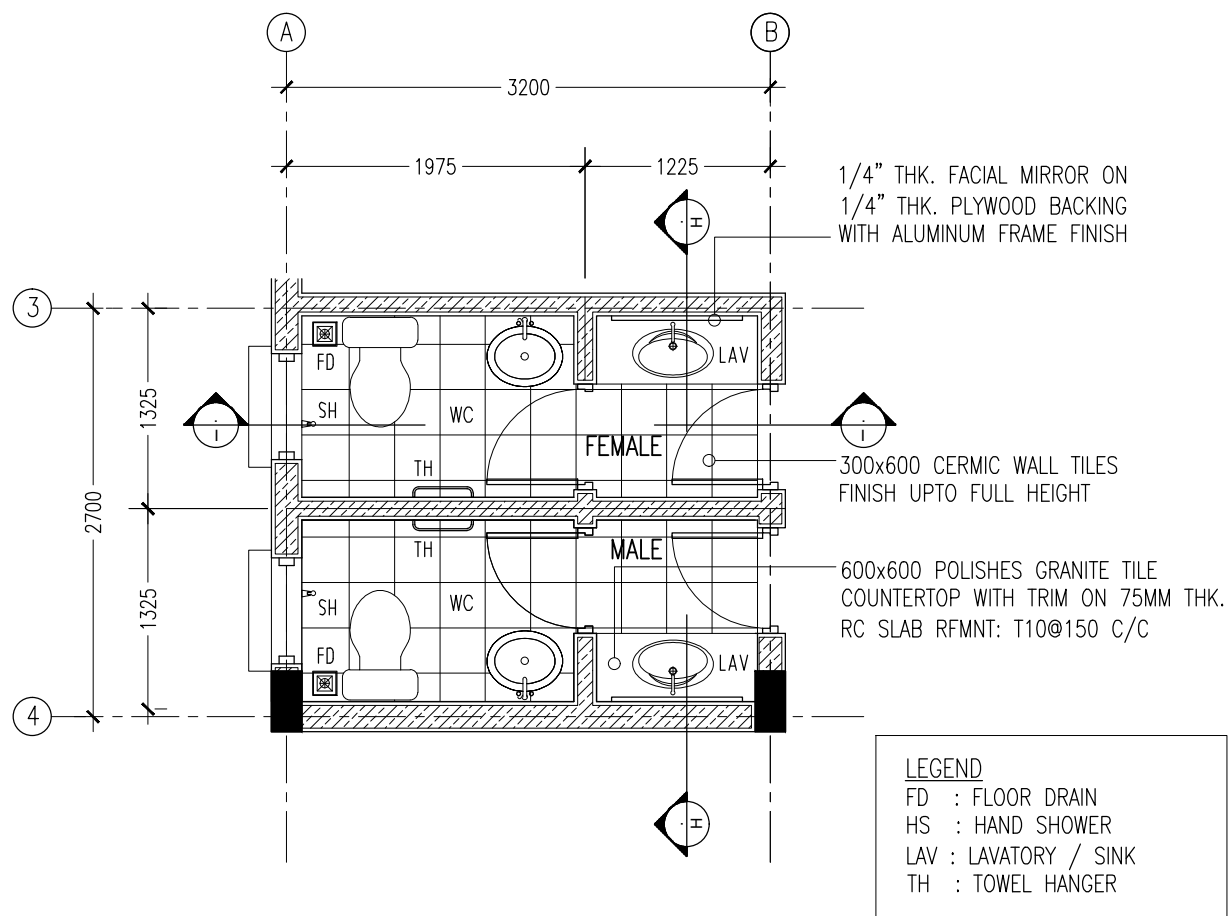
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ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: SHAMHAD SAEED

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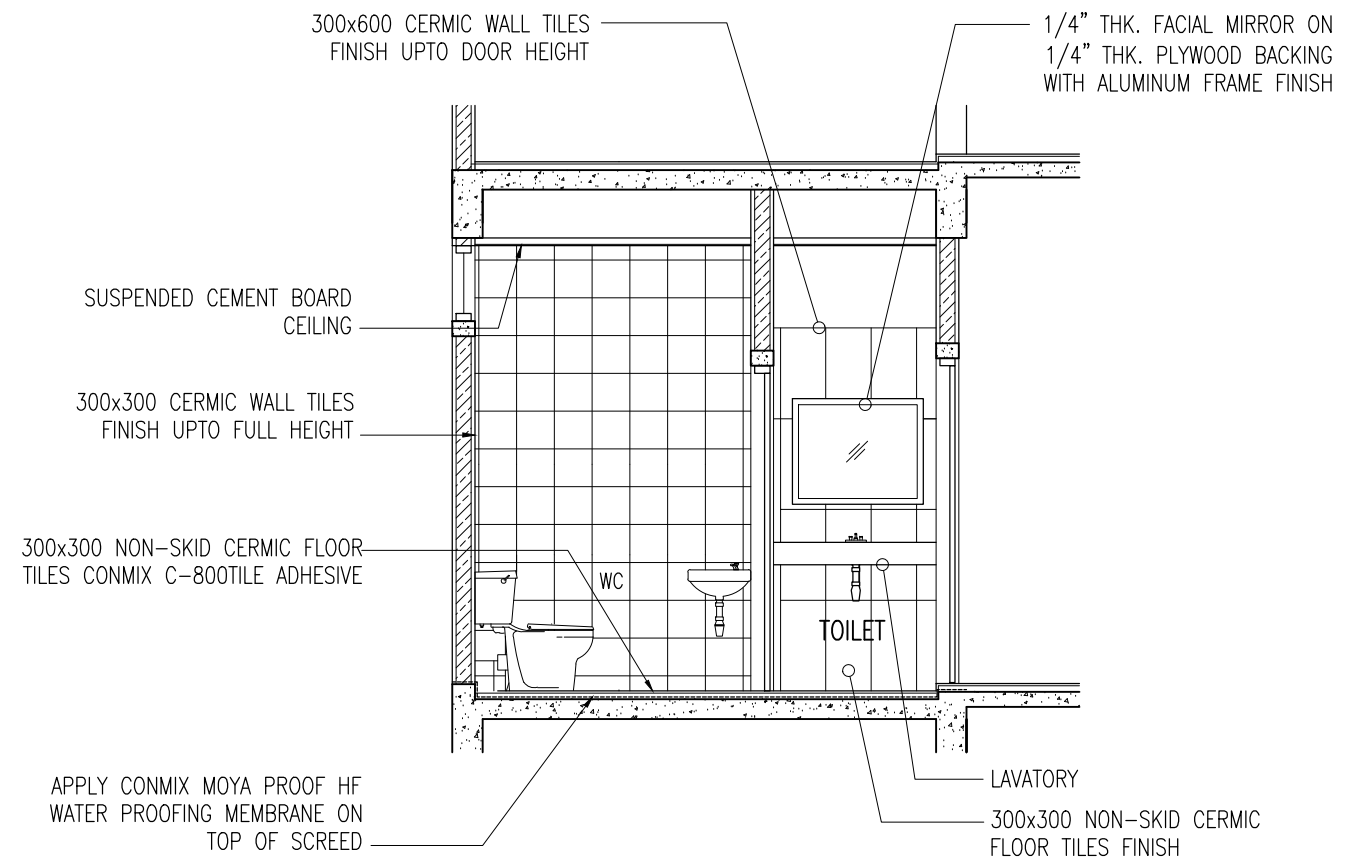
A-17
DWG NO
PROJECT NO.: 14-109

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TOILET BLOCK (TYPICAL)
 SCALE 1:50

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

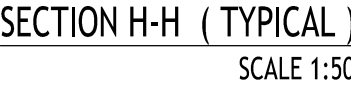


SECTION I-I (TYPICAL)
 SCALE 1:50

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

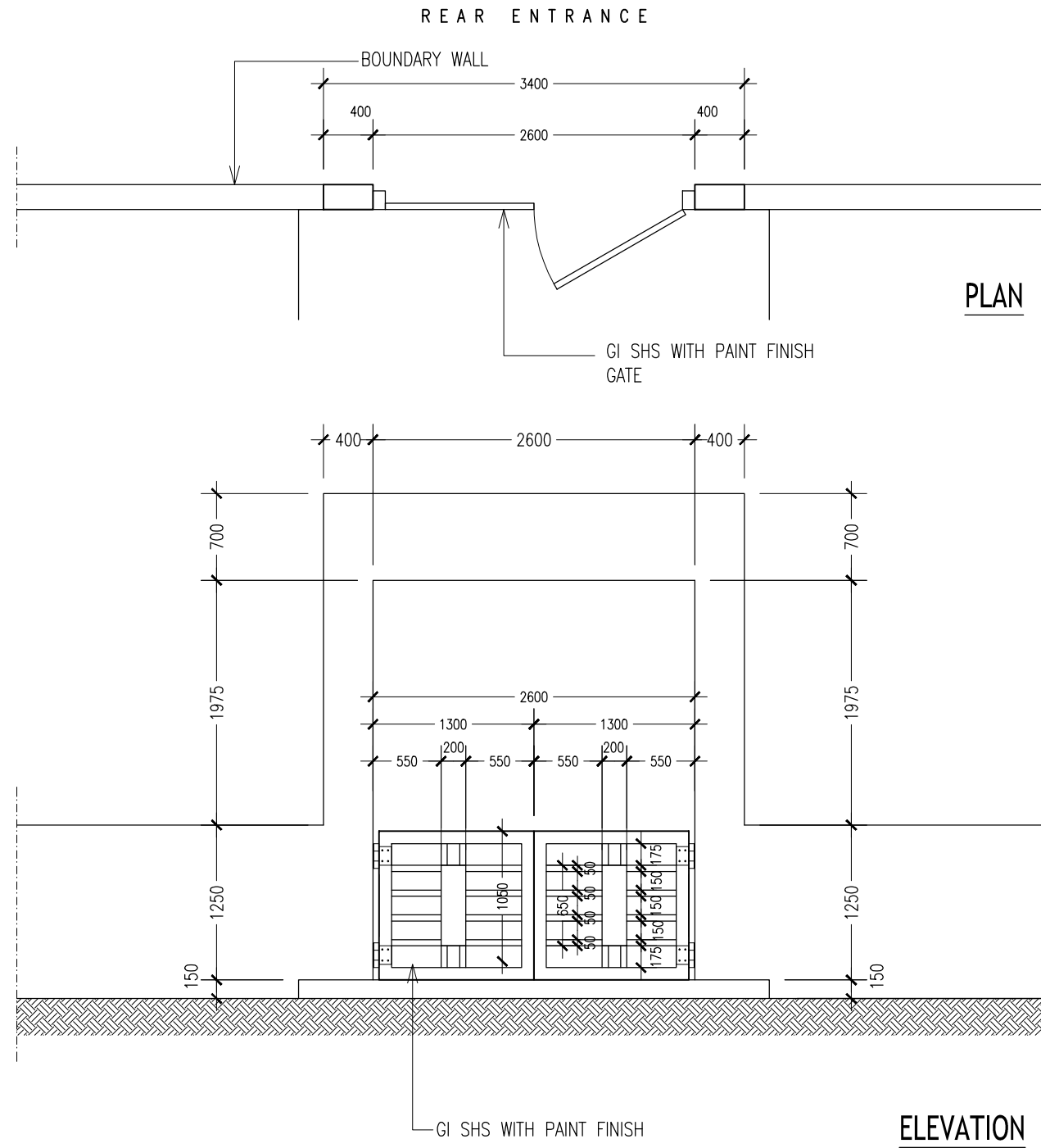
ArchEng
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 admin@archeng.biz

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	A-18
	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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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	<div style="font-size: 48px; text-align: center;">A-19</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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			DWG NO
			PROJECT NO.: 14-109

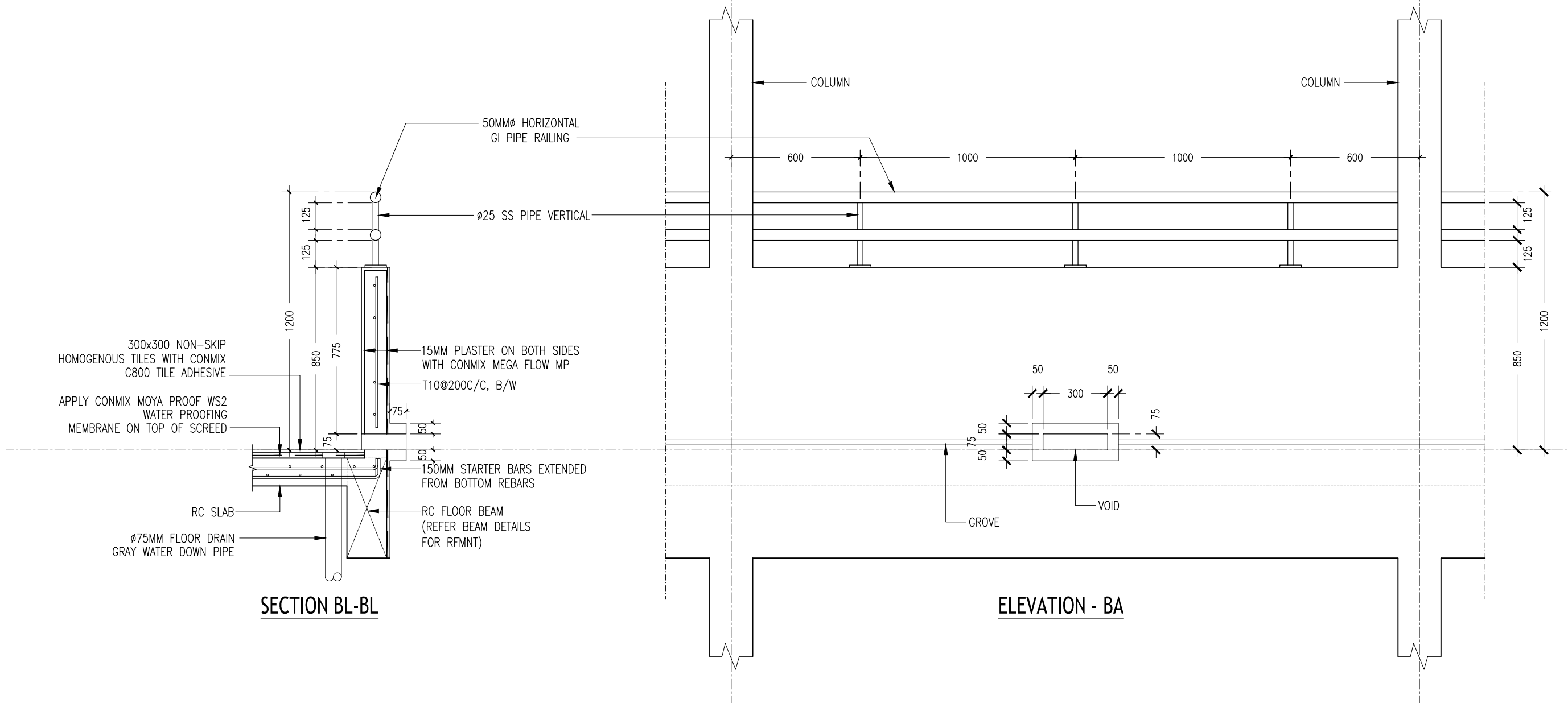
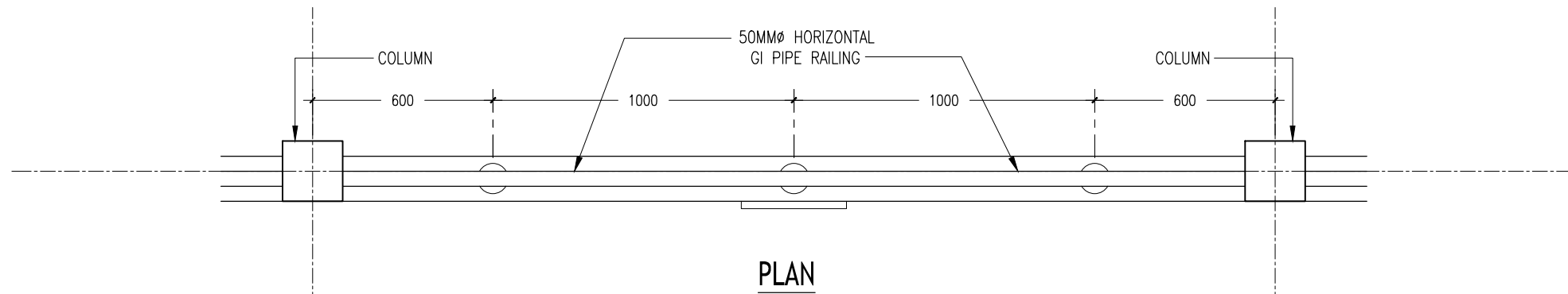


ENTRANCE GATE (REAR) DETAILS
SCALE 1:50

CONTRACTORS MUST
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	A-20
	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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TYPICAL BALCONY PARAPET WALL
SCALE 1:20

CONTRACTORS MUST
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DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

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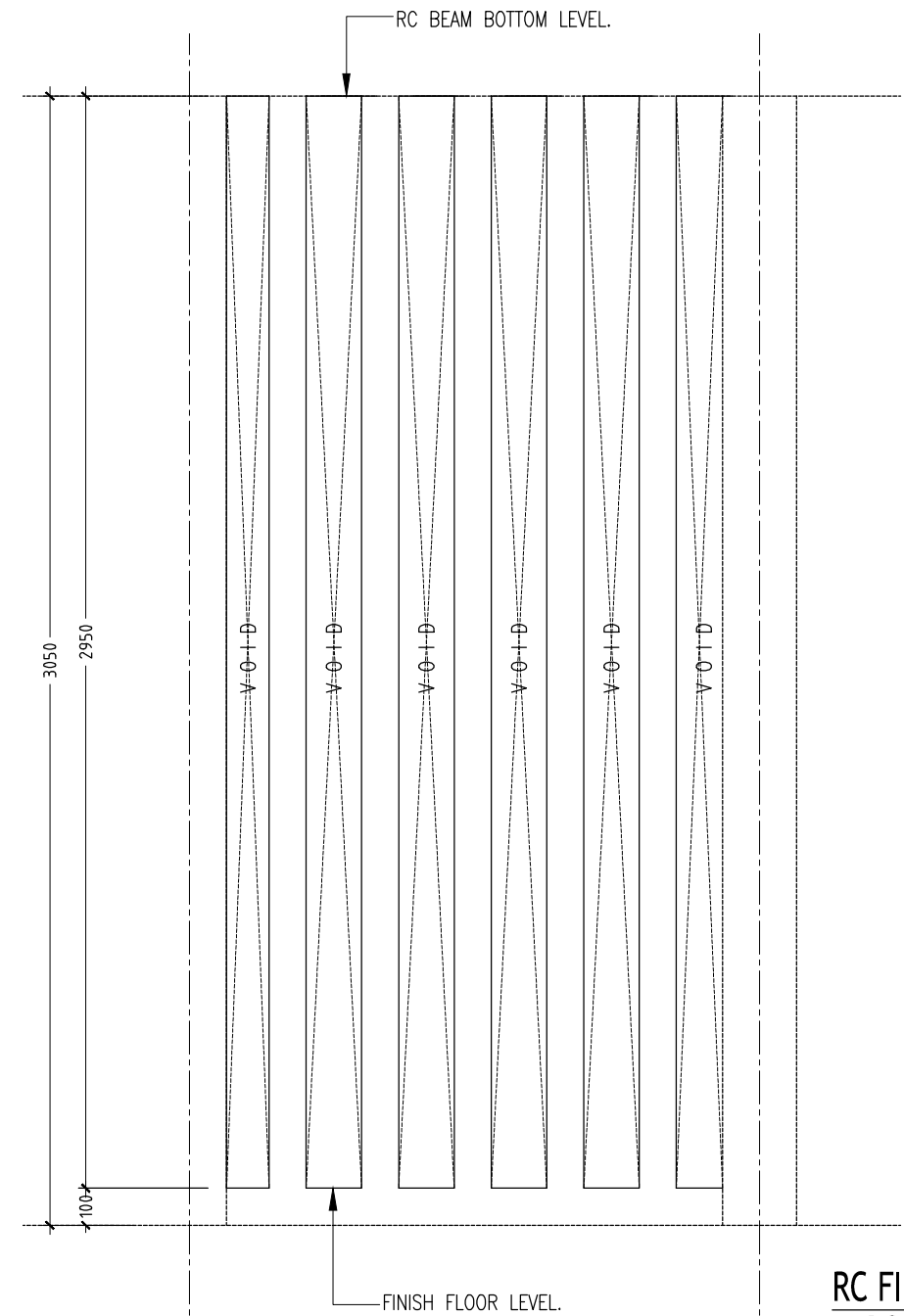
REVISION:	

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

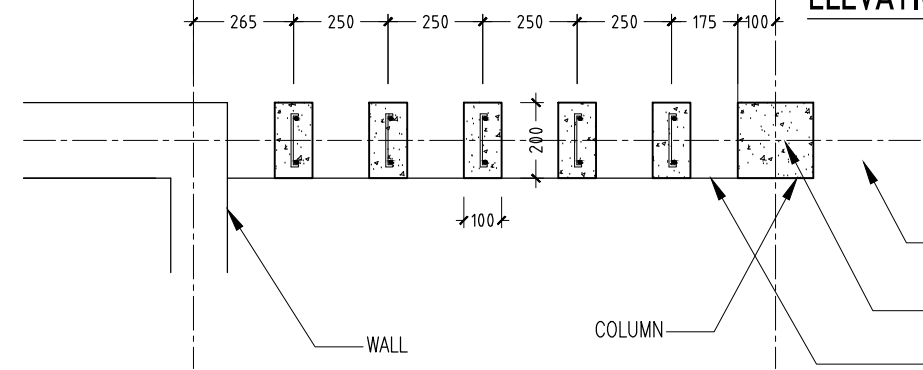
PROJECT:	GEMANAFUSHI SCHOOL
LOCATION:	GA.GEMANAFUSHI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

A-21
DWG NO
PROJECT NO.: 14-109

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RC FIN -
FRONT
ELEVATION



RC FIN - PLAN

RC FIN DETAILS
SCALE 1:20

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DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

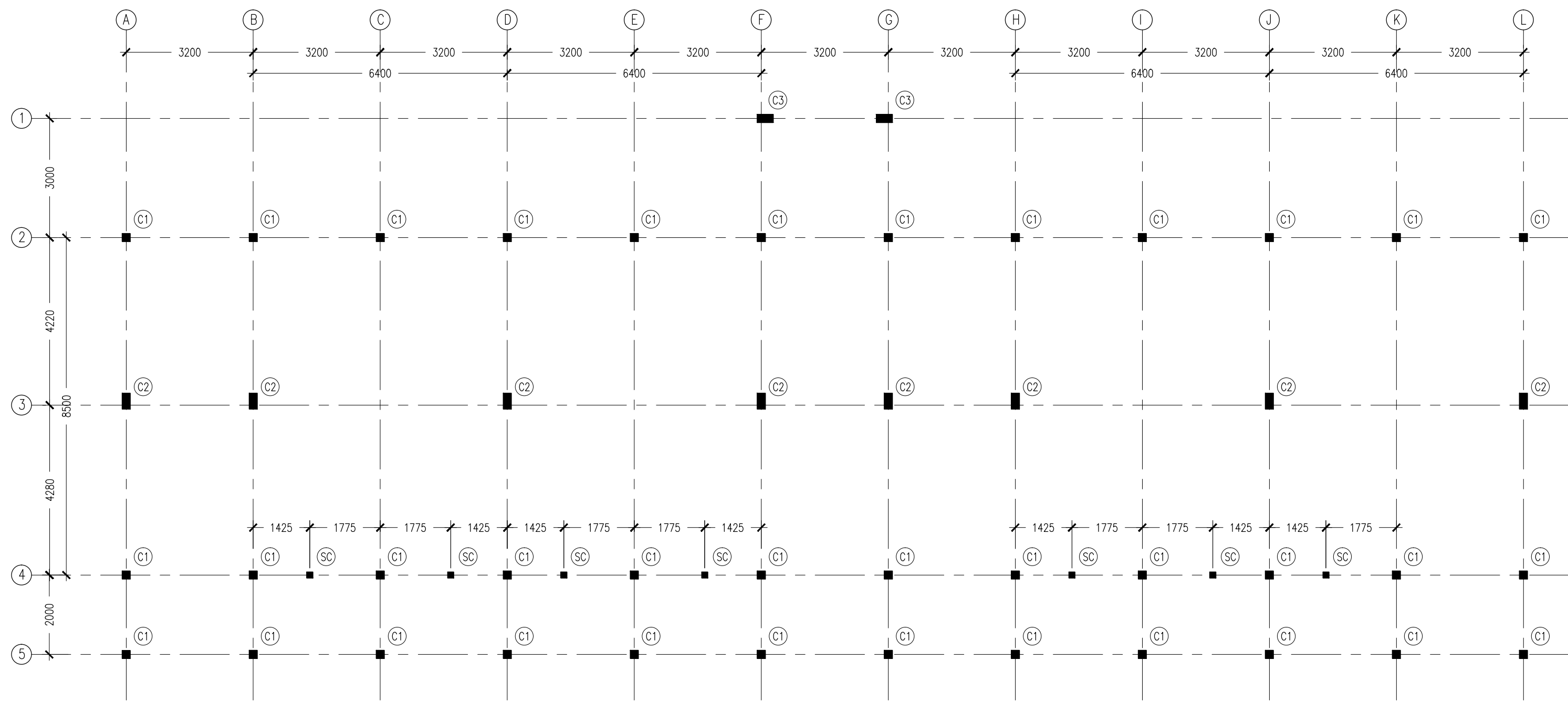


REVISION:	

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

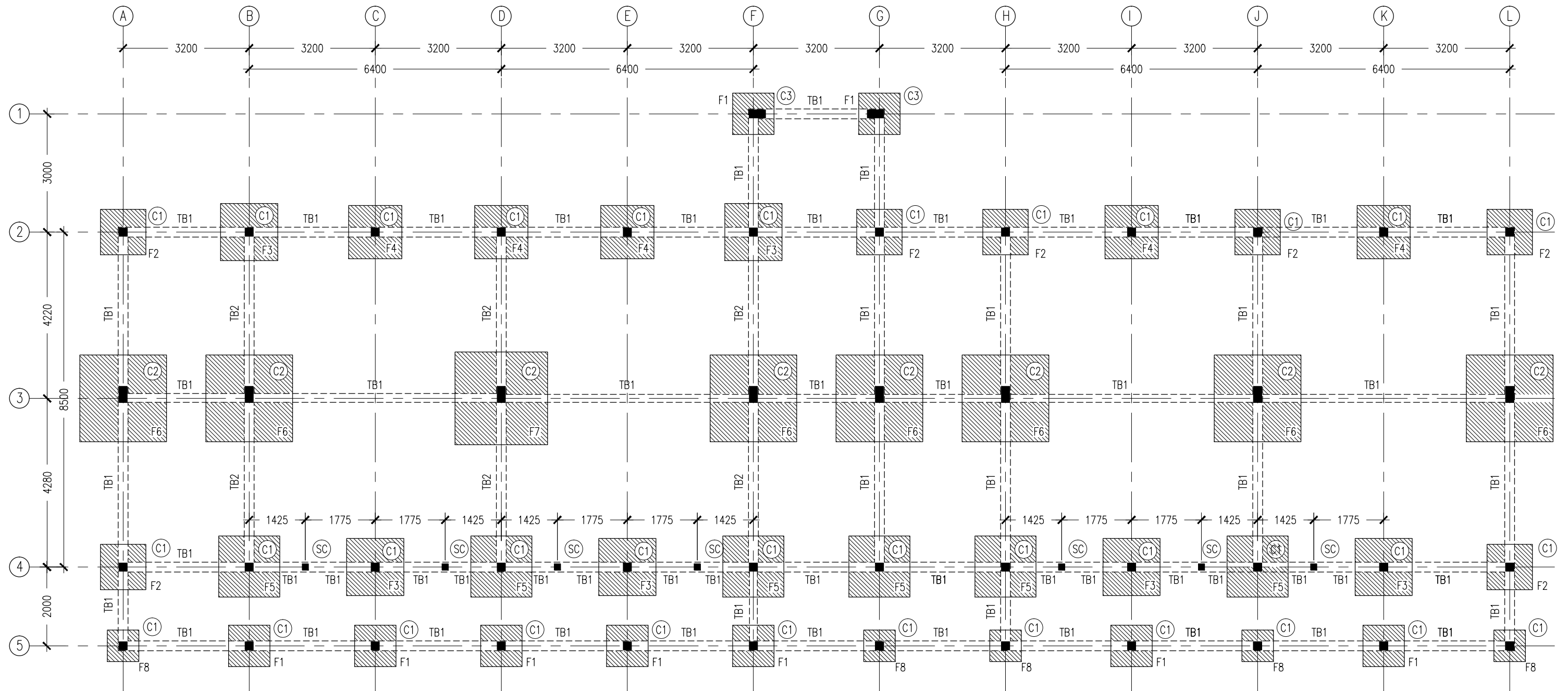
SCALE 1:100

CONTRACTORS MUST
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ANY WORK OR SHOP
DRAWINGS,FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	GEMANAFUSHI SCHOOL		S-01	
	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
			CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHING 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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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
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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

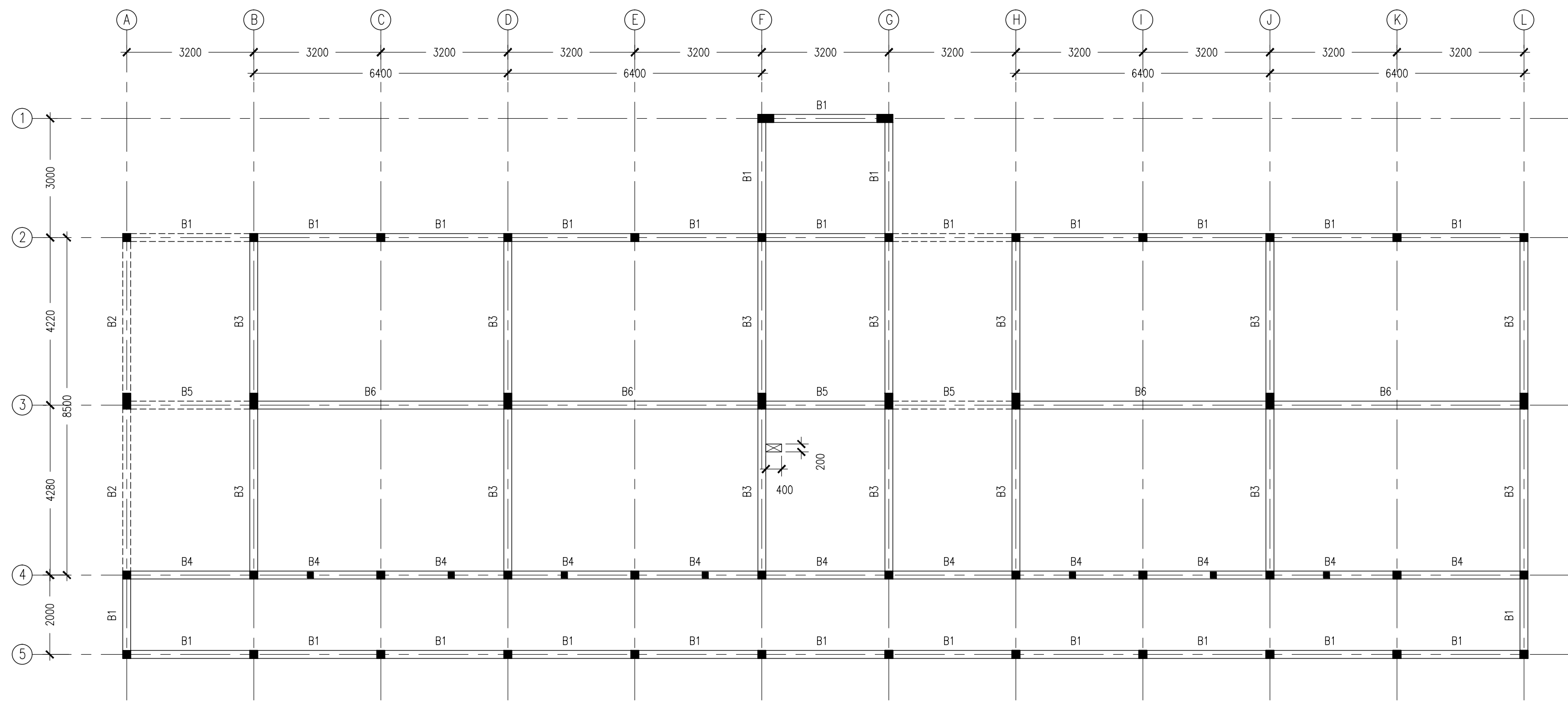
PROJECT: GEMANAFUSHI SCHOOL
LOCATION: GA.GEMANAFUSHI
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN
DIMENSION: MM
DATE: MAY 2015

S-02

DWG NO

PROJECT NO.: 14-109

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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



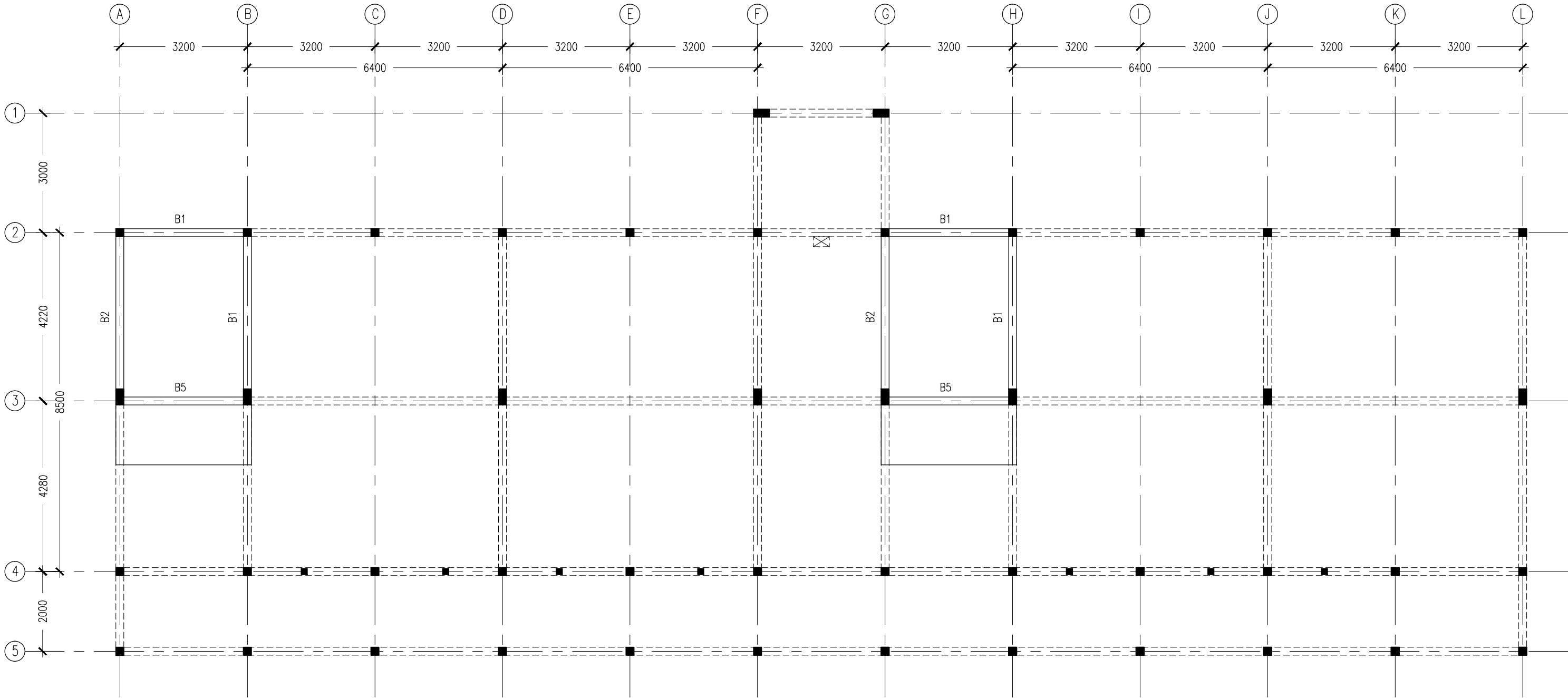
REVISION:

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
PROJECT NO.: 14-109

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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.

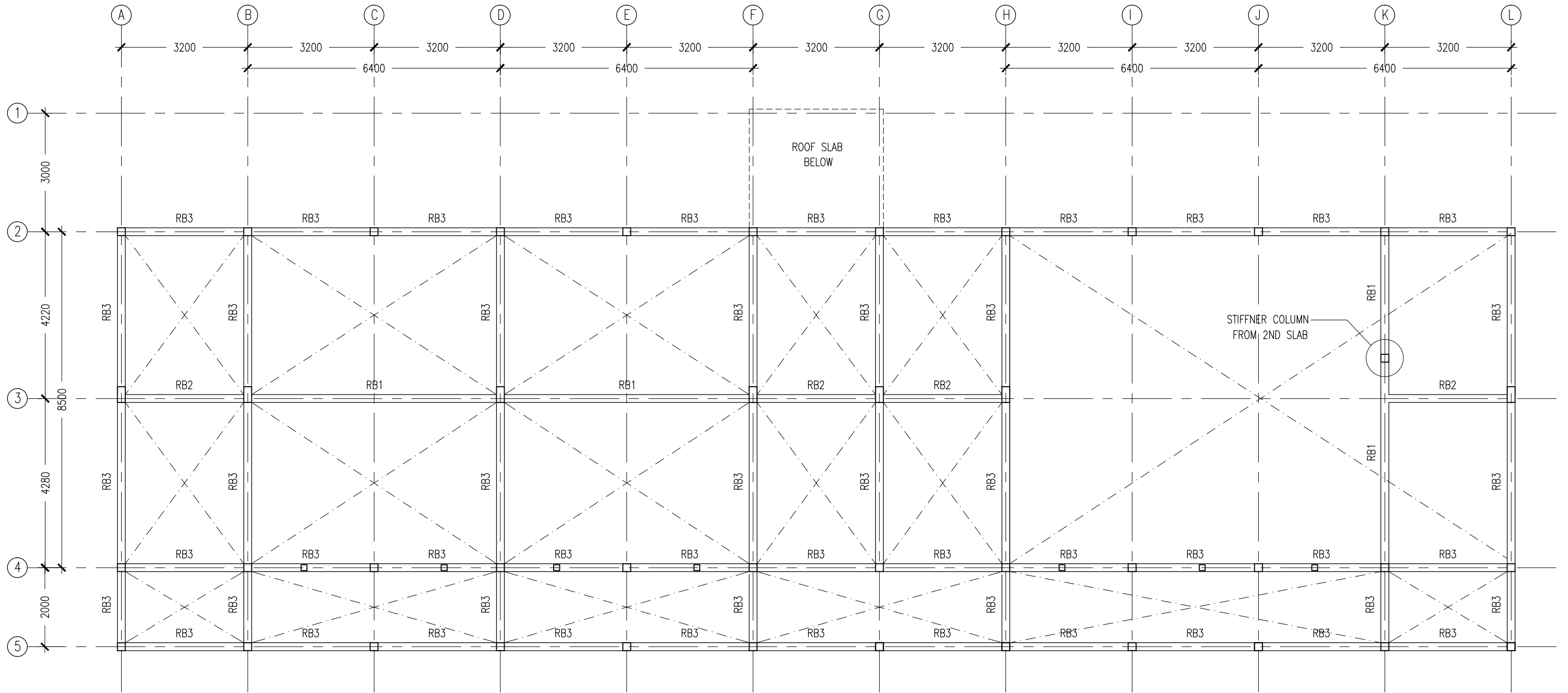
SLAB BEAM AT HALF-LANDING LAYOUT PLAN
SCALE 1:100

CONTRACTORS MUST
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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		DWG NO
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ROOF BEAM LAYOUT PLAN
SCALE 1:100

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SCALE READINGS



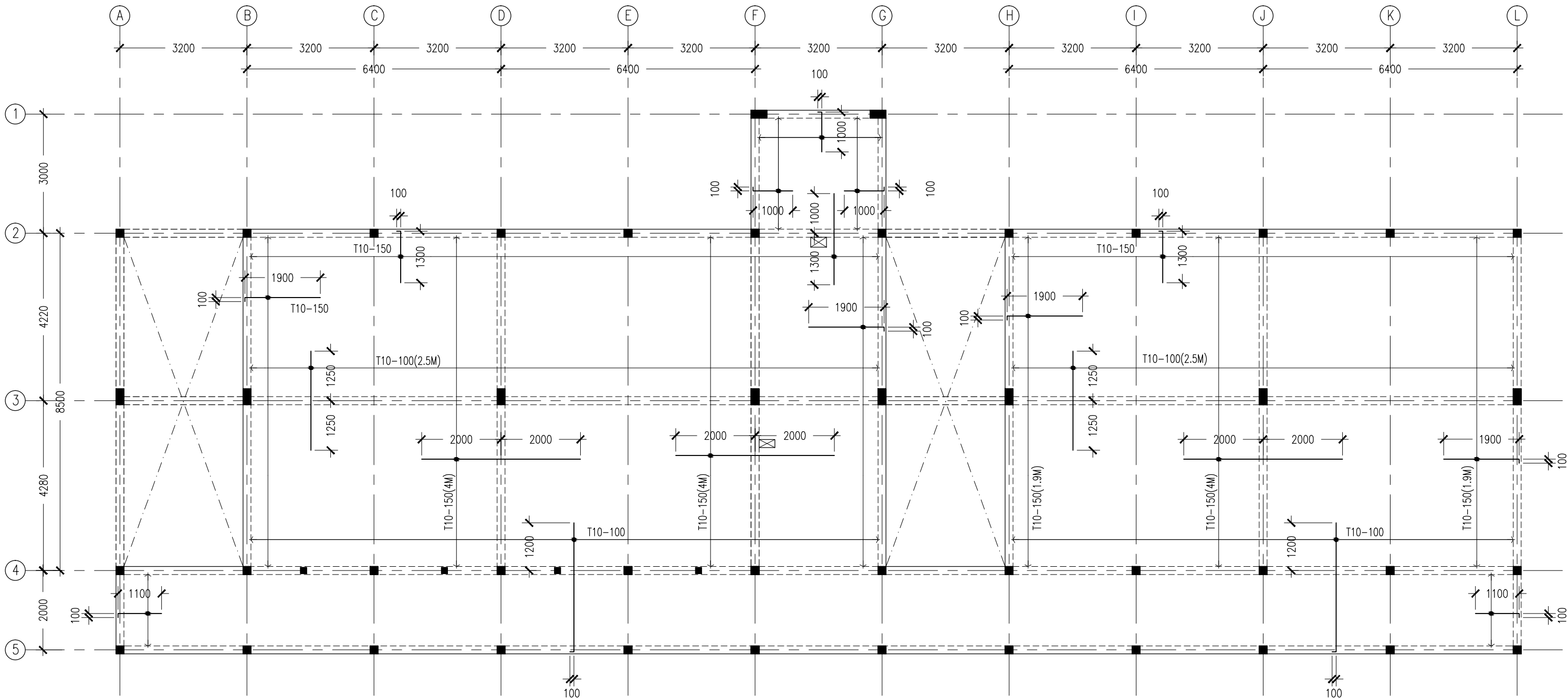
REVISION:	

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

S-05
DWG NO
PROJECT NO.: 14-109

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NOTE:

- *SLAB THICKNESS: 150MM
ACCPT WHERE STATED
- *SLAB BOTTOM COVER: 30MM
- *SLAB TOP COVER: 25MM
- *SLAB TOP MAIN REINFORCEMENT : T10-200MM 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

SPECIFIED LENGTH

EXTRA 100

*FCU=25N/MM2

*ADD CONMIX MegaFlow P TO ALL SUPER
STRUCTURE CONCRETE

1ST-2ND FLOOR SLAB RFMNT LAYOUT PLAN

SCALE 1:100

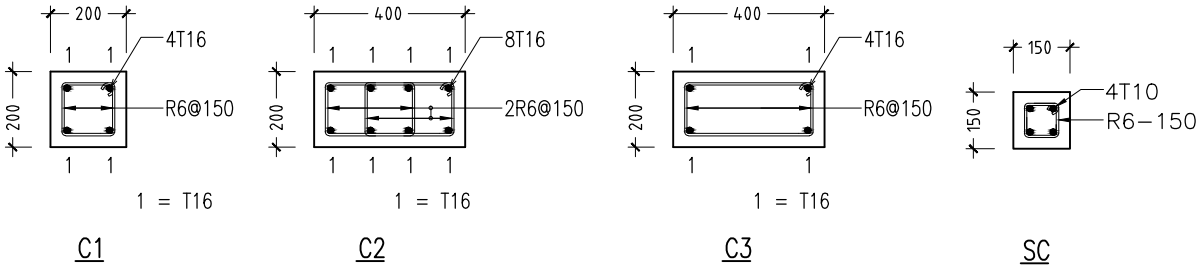
CONTRACTORS MUST
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admin@archeng.biz

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	<div>S-06</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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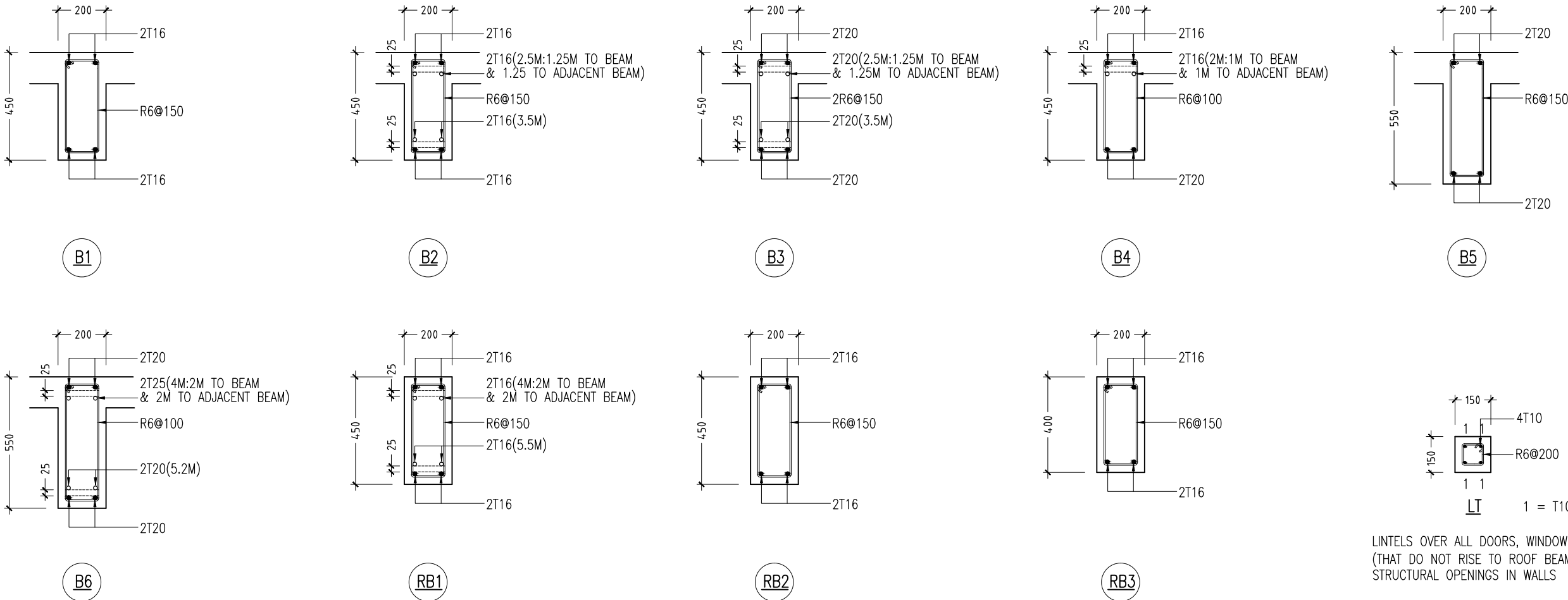
FOOTING	LENGTH/mm	WIDTH/mm	DEPTH/mm	REINFORCEMENT
F1	1050	1050	300	T12@150mm C/C BW BOTTOM
F2	1150	1150	300	T12@150mm C/C BW BOTTOM
F3	1450	1450	300	T12@150mm C/C BW BOTTOM
F4	1350	1350	300	T12@150mm C/C BW BOTTOM
F5	1550	1550	300	T12@150mm C/C BW BOTTOM
F6	2200	2200	300	T16@100mm C/C BW BOTTOM
F7	2350	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

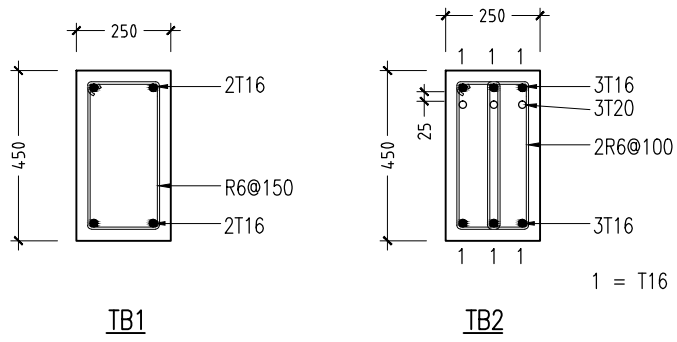
RC BEAM DETAILS
SCALE 1:20

LINTEL/SILL BEAM DETAILS
SCALE 1:20

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SCALE READINGS

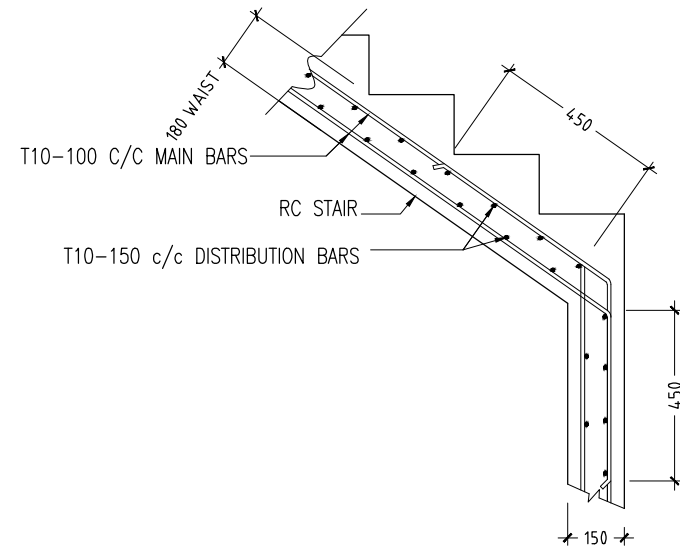


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: GEMANAFUSHI SCHOOL	S-09
	ENGINEER: MOHAMED AHSAN	LOCATION: GA.GEMANAFUSHI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
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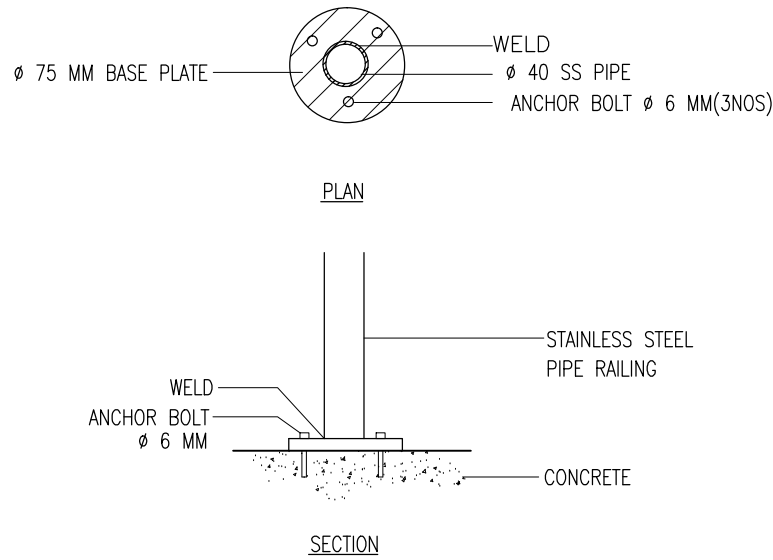
FOUNDATION BEAM DETAILS

SCALE 1:20



TYPICAL STAIR RFMT DETAIL

SCALE 1:20



DETAIL D (STAIR RAILING)

SCALE 1:20

CONTRACTORS MUST
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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

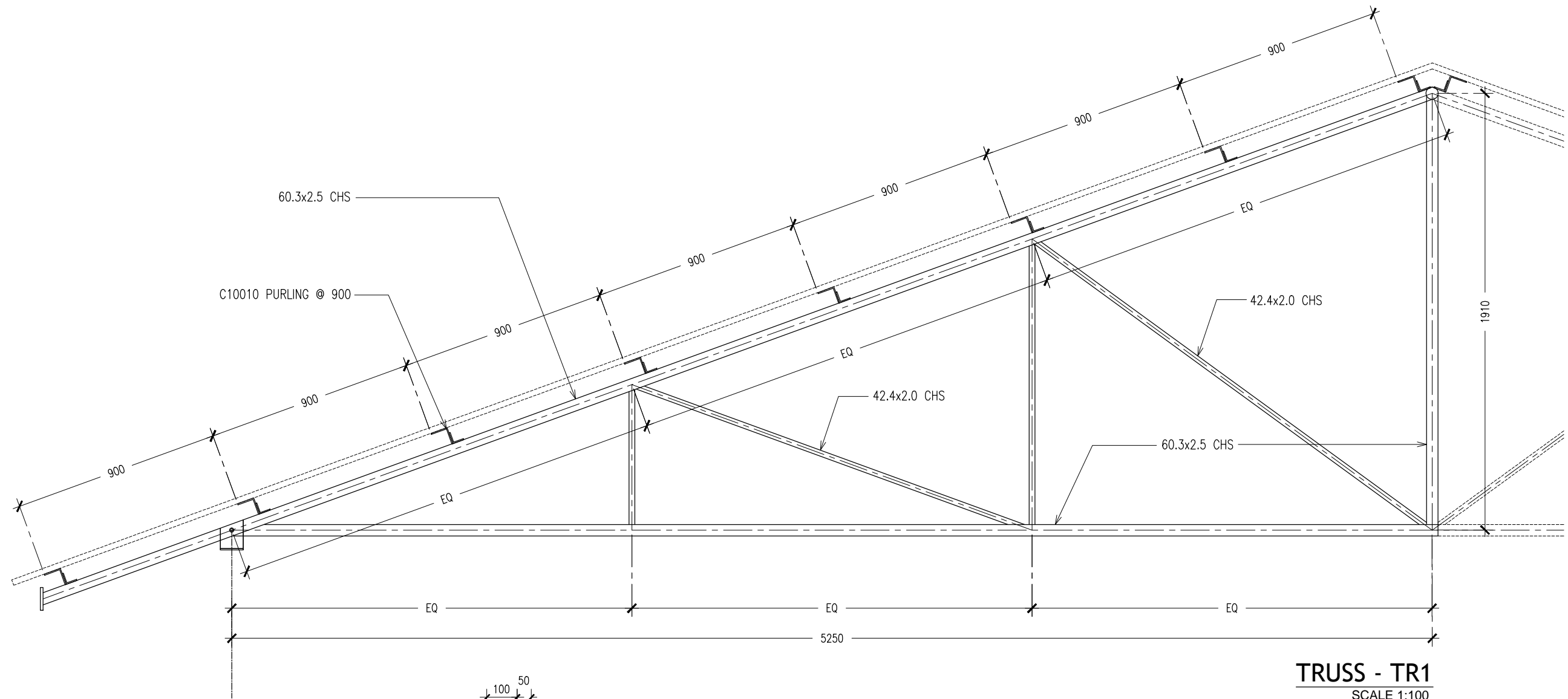
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S-10

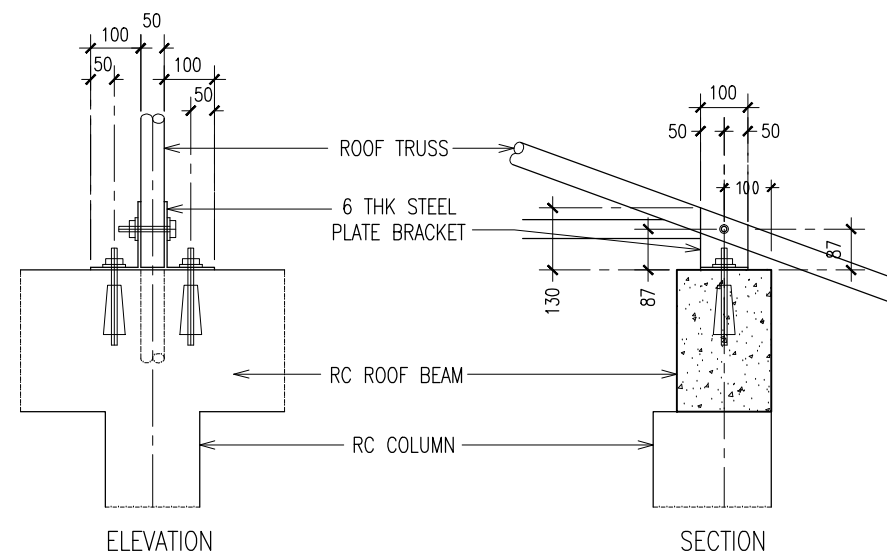
DWG NO

PROJECT NO.: 14-109

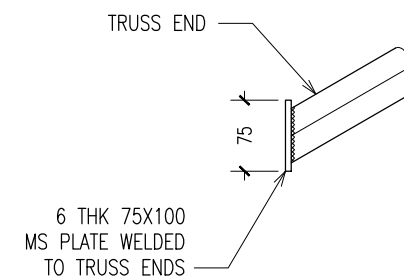
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TRUSS - TR1
SCALE 1:100



TYPICAL TRUSS FIXING DETAILS
SCALE : NTS



TYPICAL TRUSS END DETAILS
SCALE : NTS

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DIMENSIONS TO TAKE
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ArchEng
studio
Ma Fiyajahaage, 1st floor, Male', Republic of Maldives
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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

S-11
DWG NO
PROJECT NO.: 14-109

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GEMANAFUSHI SCHOOL

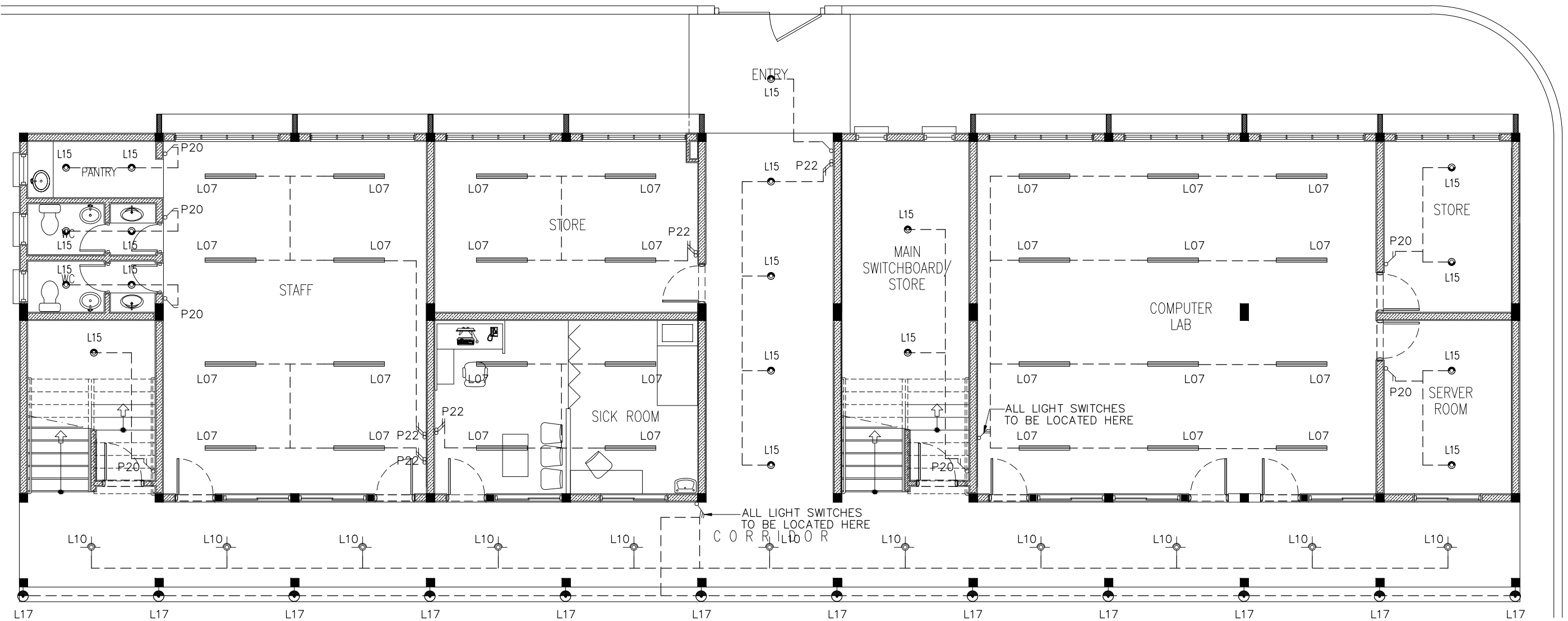
-THREE STOREY BUILDING- ELECTRICAL DRAWINGS

MARCH 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

ArchEng
s t u d i o
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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DIMENSIONS ON SITE
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ANY WORK OR SHOP
DRAWINGS FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

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ESTIMATOR:
DRAWN BY: SHAMHAD SAEED

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

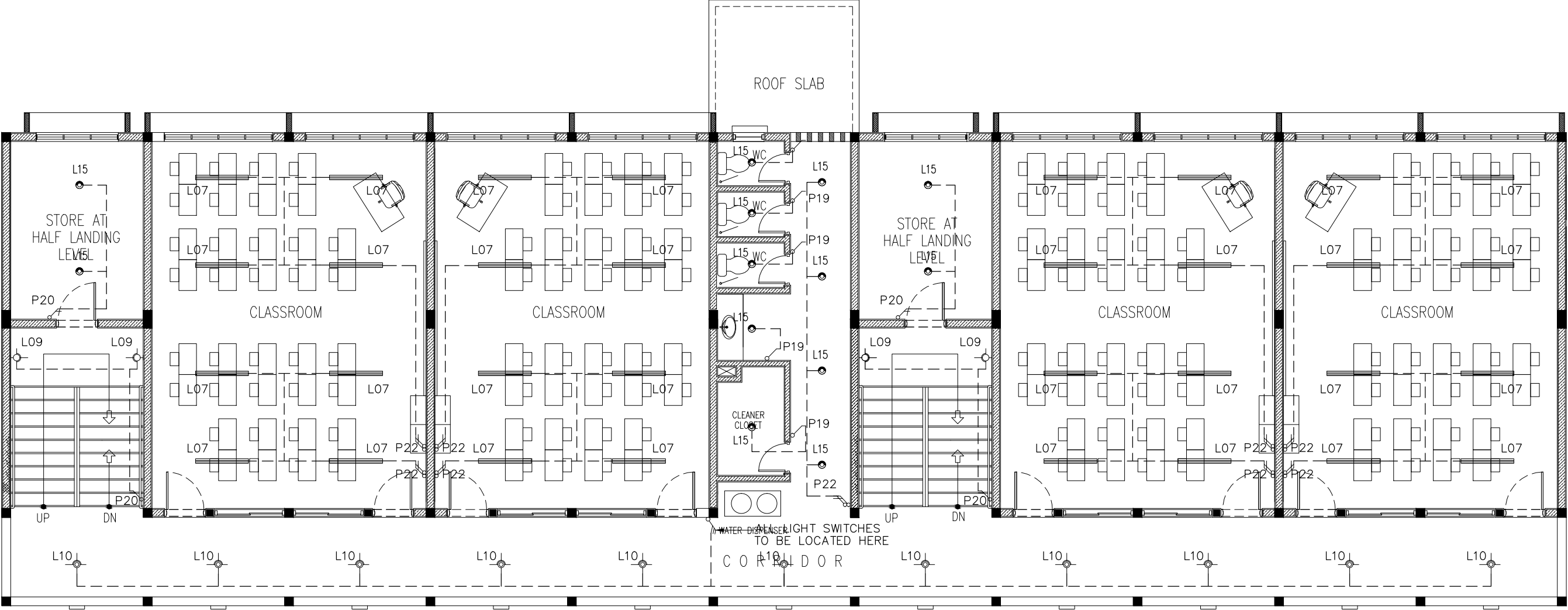
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

E-01

DWG NO

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1ST FLOOR LIGHTING PLAN
SCALE 1:100

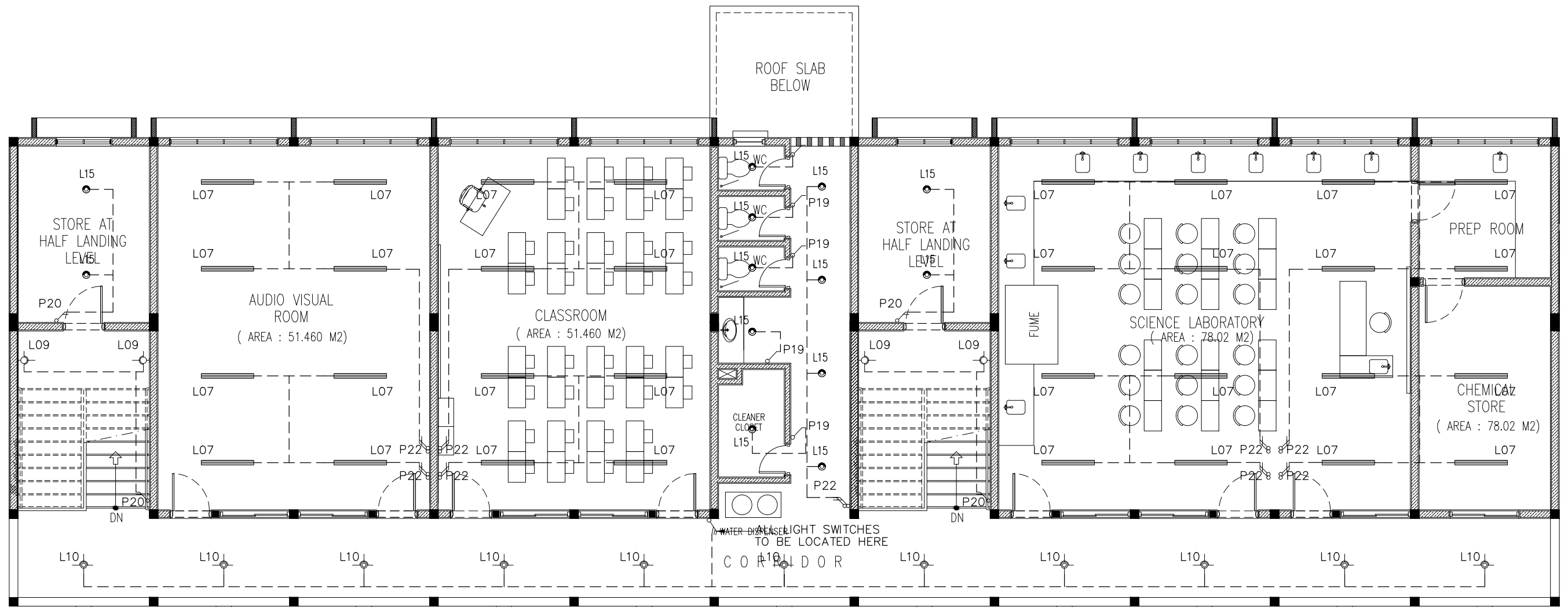
SYMBOL	CODE	DESCRIPTION
	L07	2X36W FLUORESCENT LAMPS IN SURFACE MOUNT LUMINAIRE WITH DIFFUSER
	L09	WALL MOUNT ENERGY SAVING LIGHT
	L10	1X26W COMPACT FLUORESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
	L15	1X60W INCANDESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
	L17	1X60W INCANDESCENT LAMPS IN SURFACE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

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	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
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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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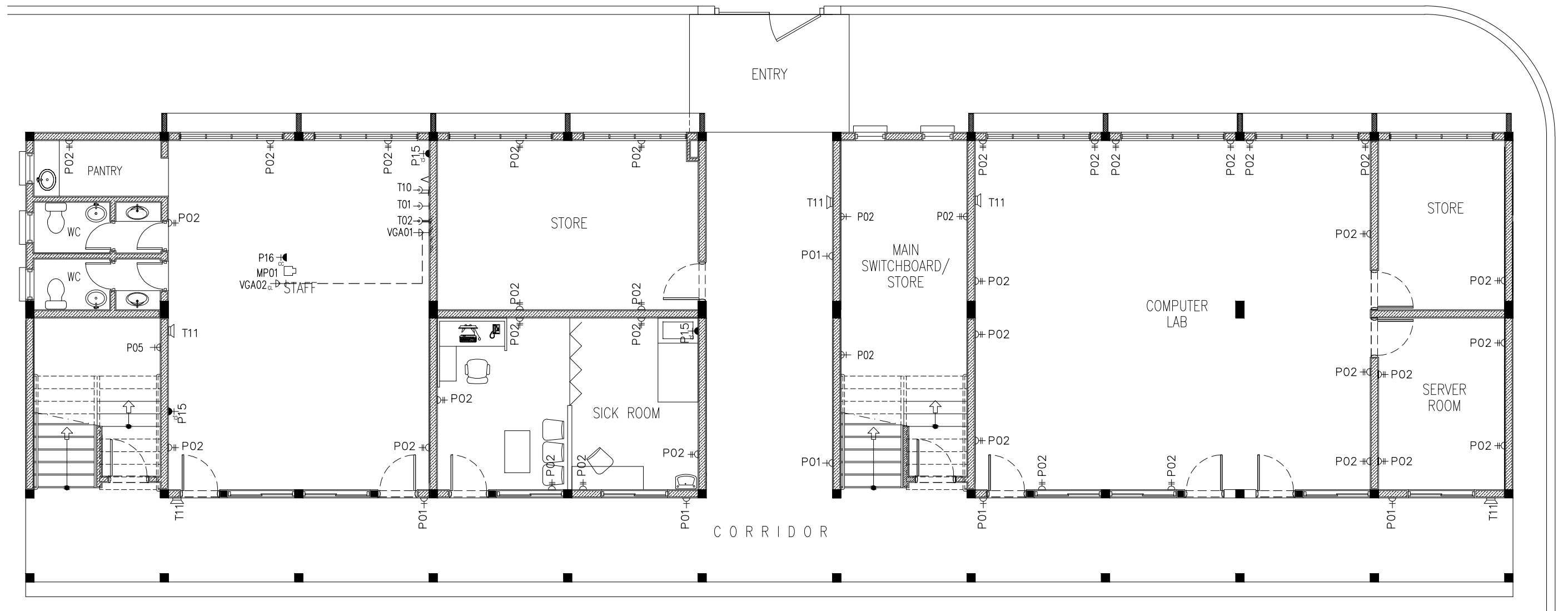
ARCHITECT: MOHAMED HAMEEN
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SERVICES ENG:
ESTIMATOR:
DRAWN BY: SHAMHAD SAEED

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

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

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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-04

DWG NO

PROJECT NO.: 14-109

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