

PROPOSED 09 CLASS ROOM BLOCK AT GAAFU ALIF MAAMENDHOO

(3 STOREY)

ENHANCING EDUCATION DEVELOPMENT PROJECT (EEDP)

DETAIL DRAWINGS

MAY 2015

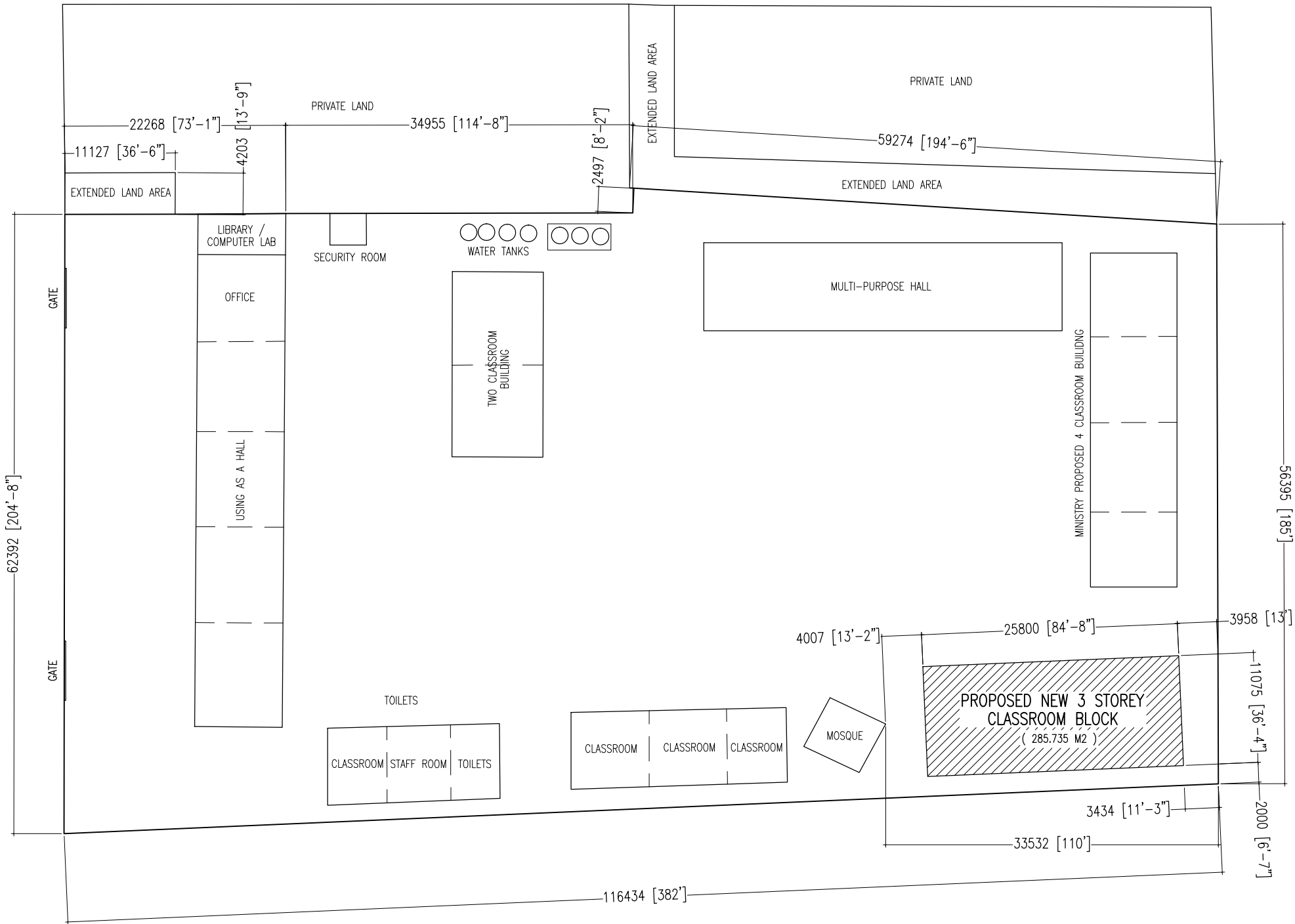
CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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



GA. MAAMENDHOO ISLAND MAP
SCALE :NTS



PROPOSED BUILDING FOOT PRINT AREA : 285.735 SQM
SITE LAYOUT PLAN
SCALE 1:500



CONTRACTORS MUST
CHECK ALL
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DRAWINGS.FIGURED
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PRECEDENCE OVER
SCALE READINGS



REVISION:	

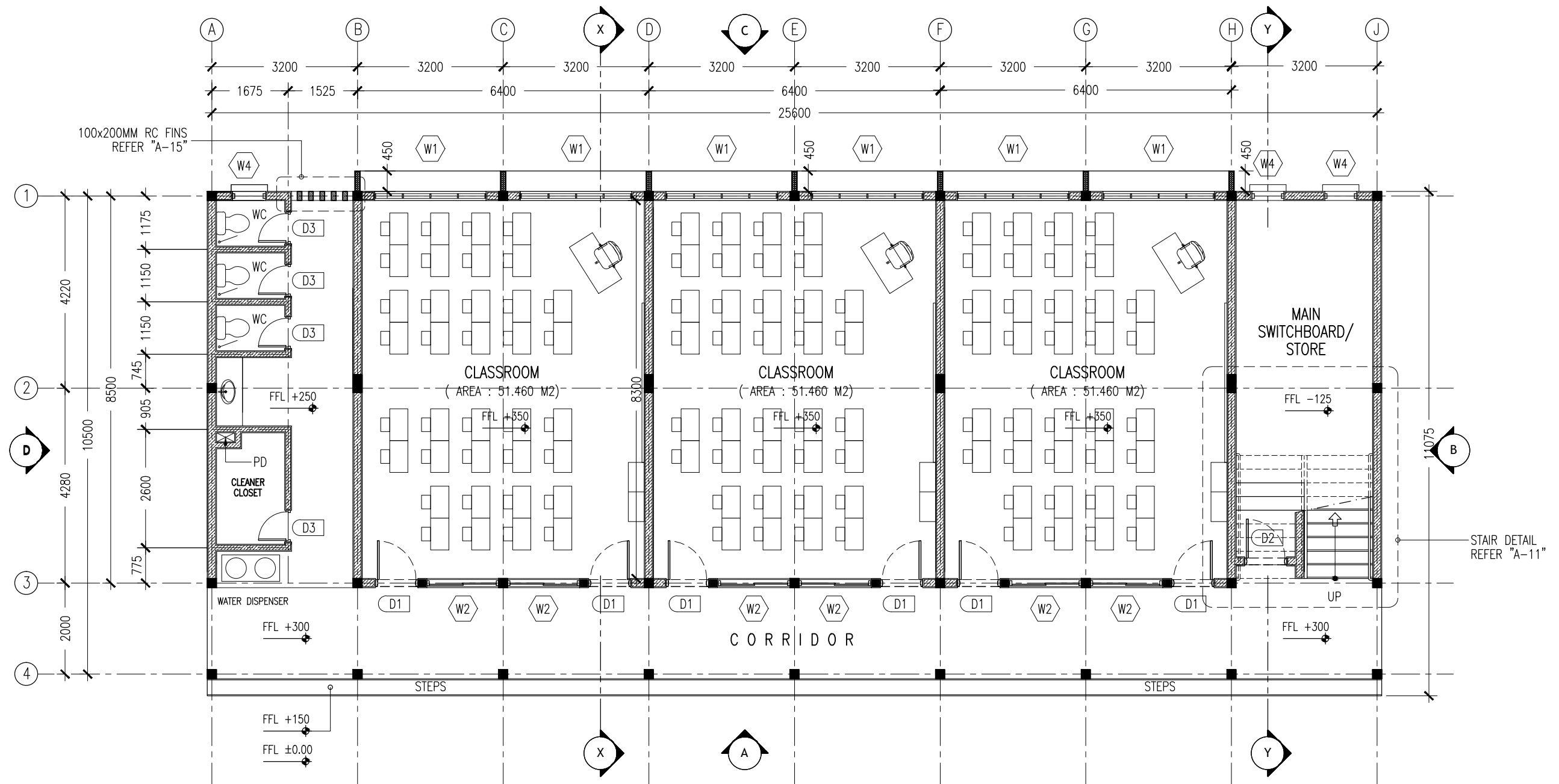
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

PROJECT:	PROPOSED 9 CLASS ROOM BLOCK		
LOCATION:	GAAFU ALIF MAAMENDHOO		
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	MAY 2015

A-00

DWG NO
PROJECT NO.: 14-109

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KEY /LEGEND NOTES

	BLOCK MASONRY WALL
	150MM THK RC WALL 850MM HIGH

GROUND FLOOR LAYOUT PLAN

SCALE 1:100

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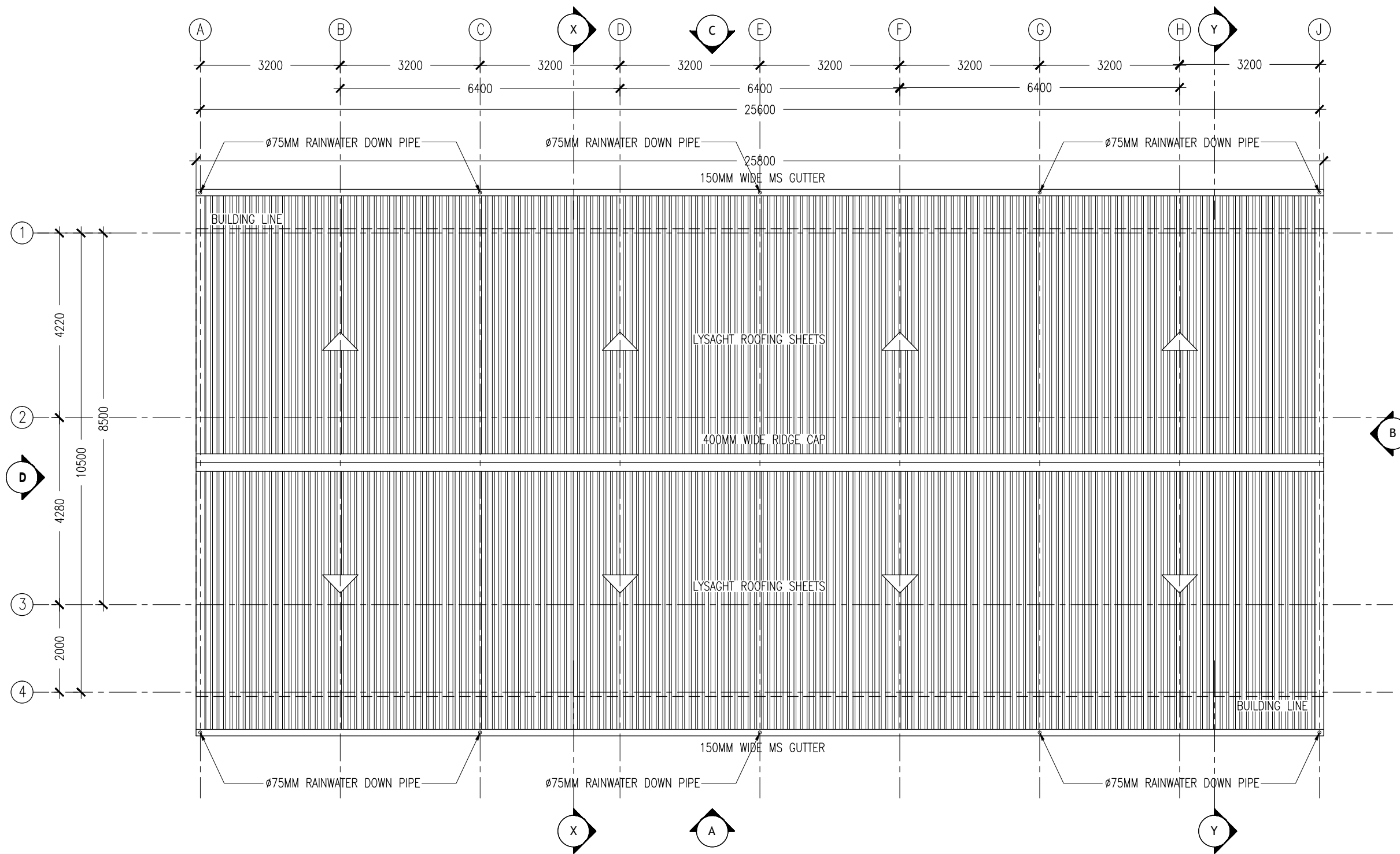
ARCHITECT: MOHAMED HAMEEN
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ESTIMATOR:
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ROOF LAYOUT PLAN
SCALE 1:100

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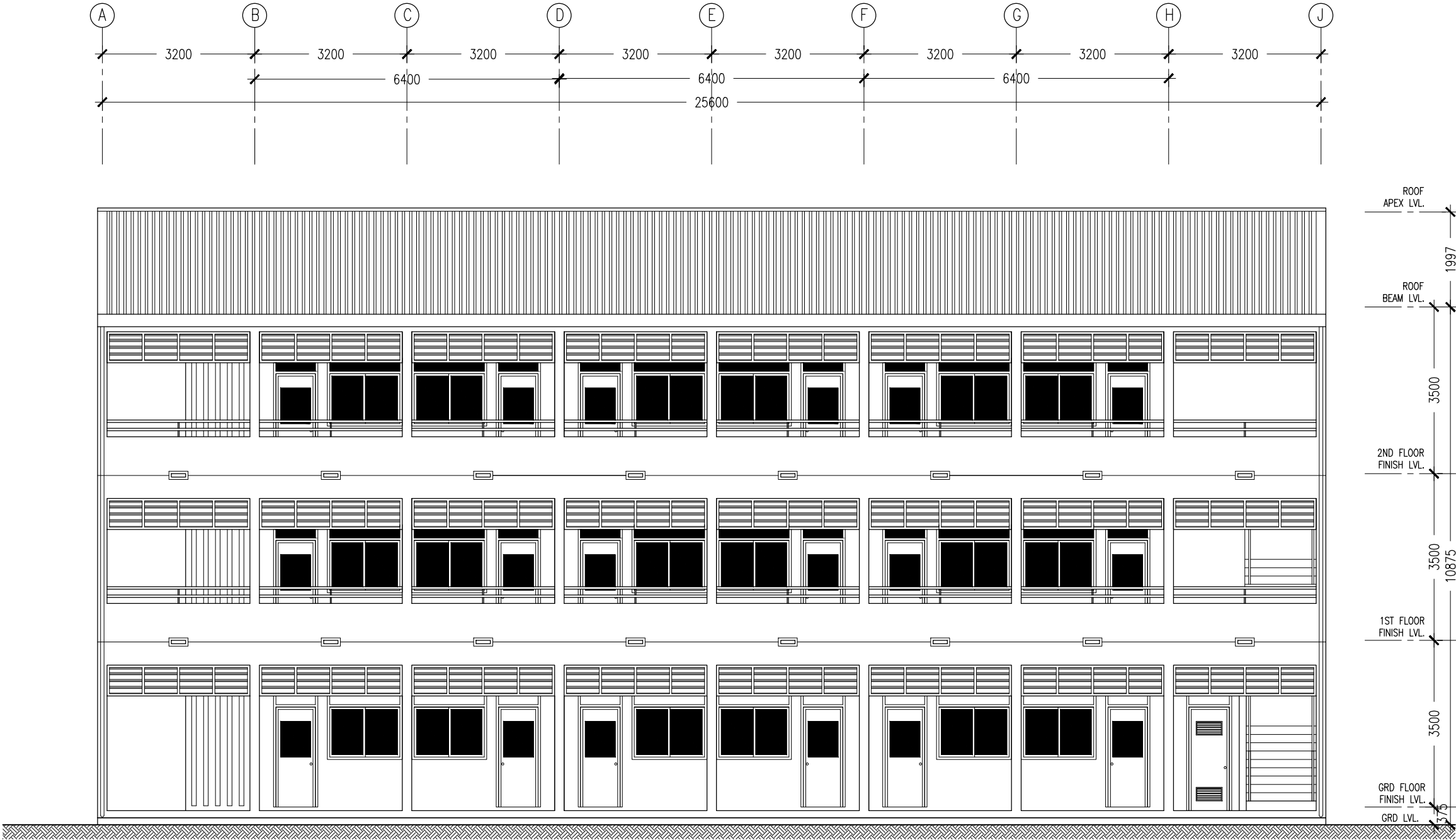


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A-03
DWG NO
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ELEVATION - A
SCALE 1:100

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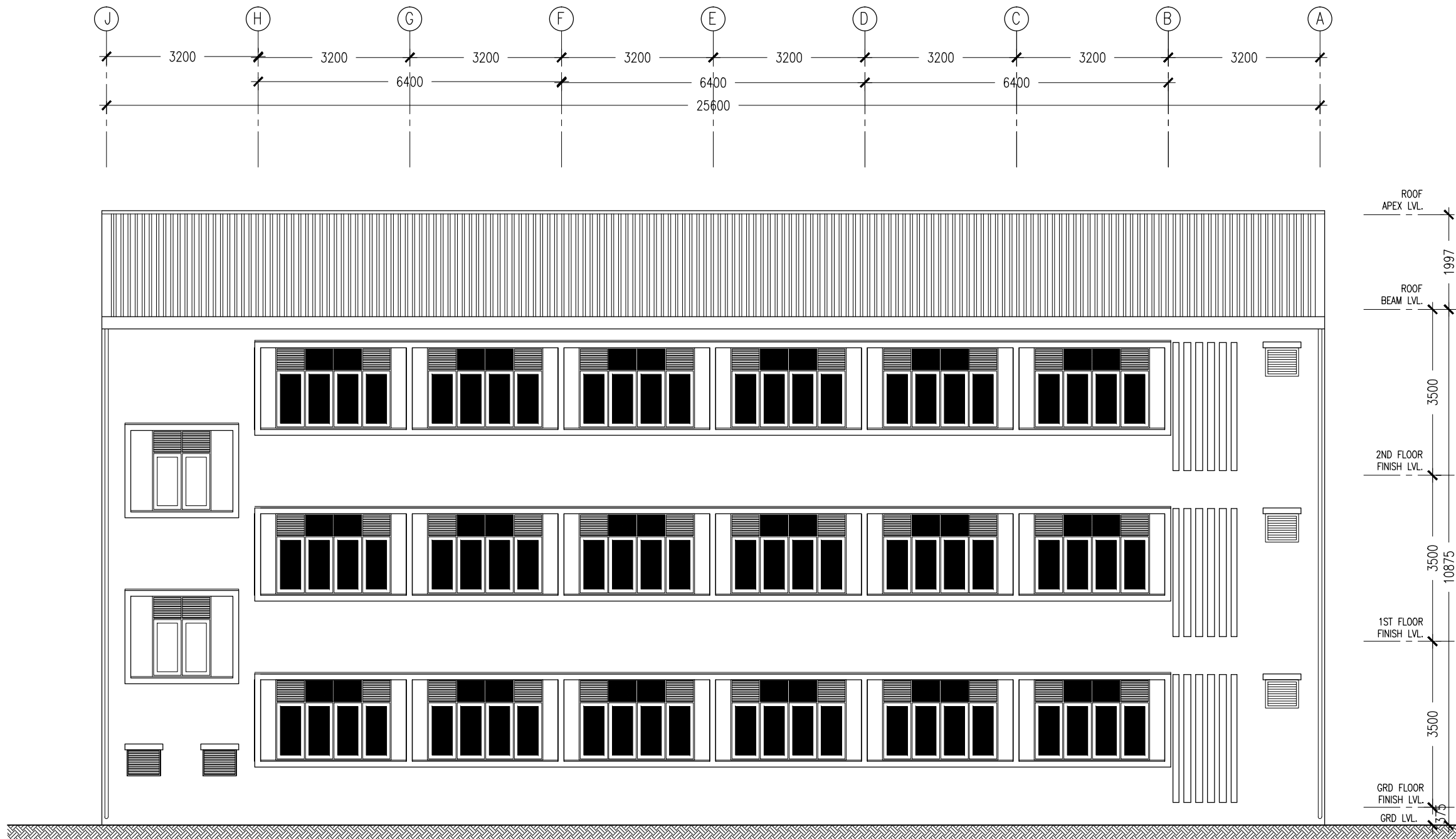
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ESTIMATOR:
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A-04

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ELEVATION - B
SCALE 1:100

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REVISION:

ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG: _____
ESTIMATOR: _____
DRAWN BY: ASFAN AHMED

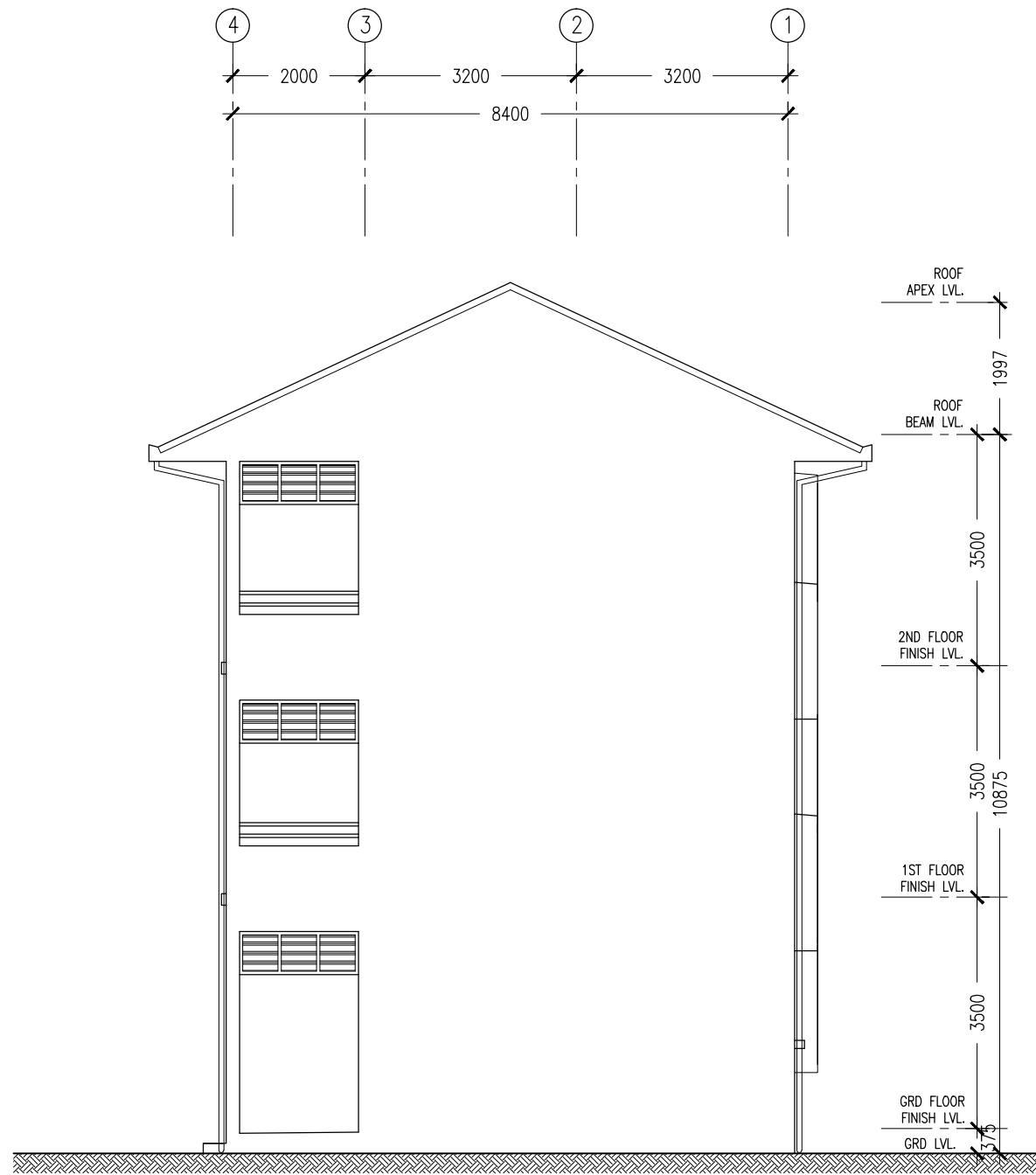
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SCALE: AS GIVEN
DIMENSION: MM
DATE: MAY 2015

A-05

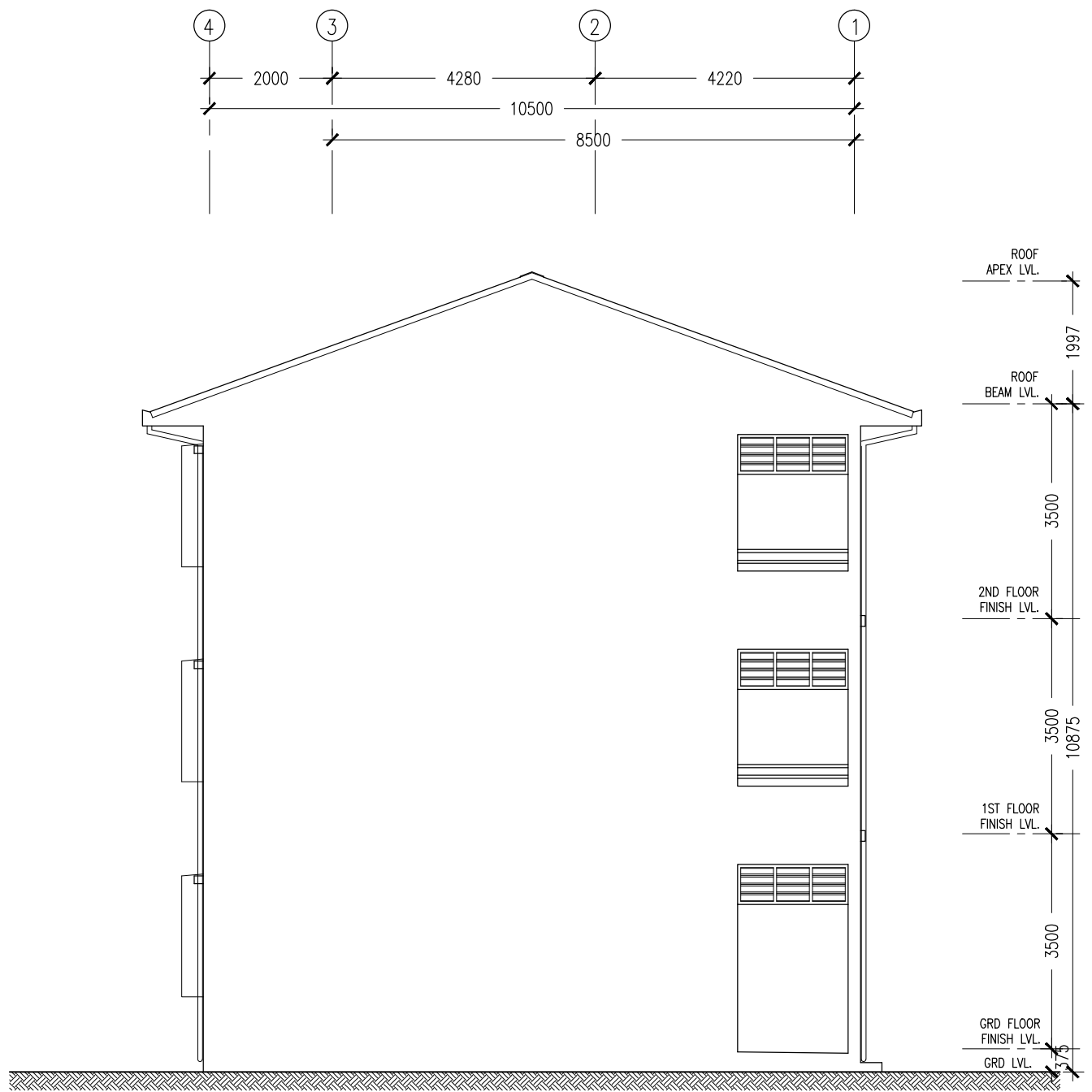
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ELEVATION - C
SCALE 1:100

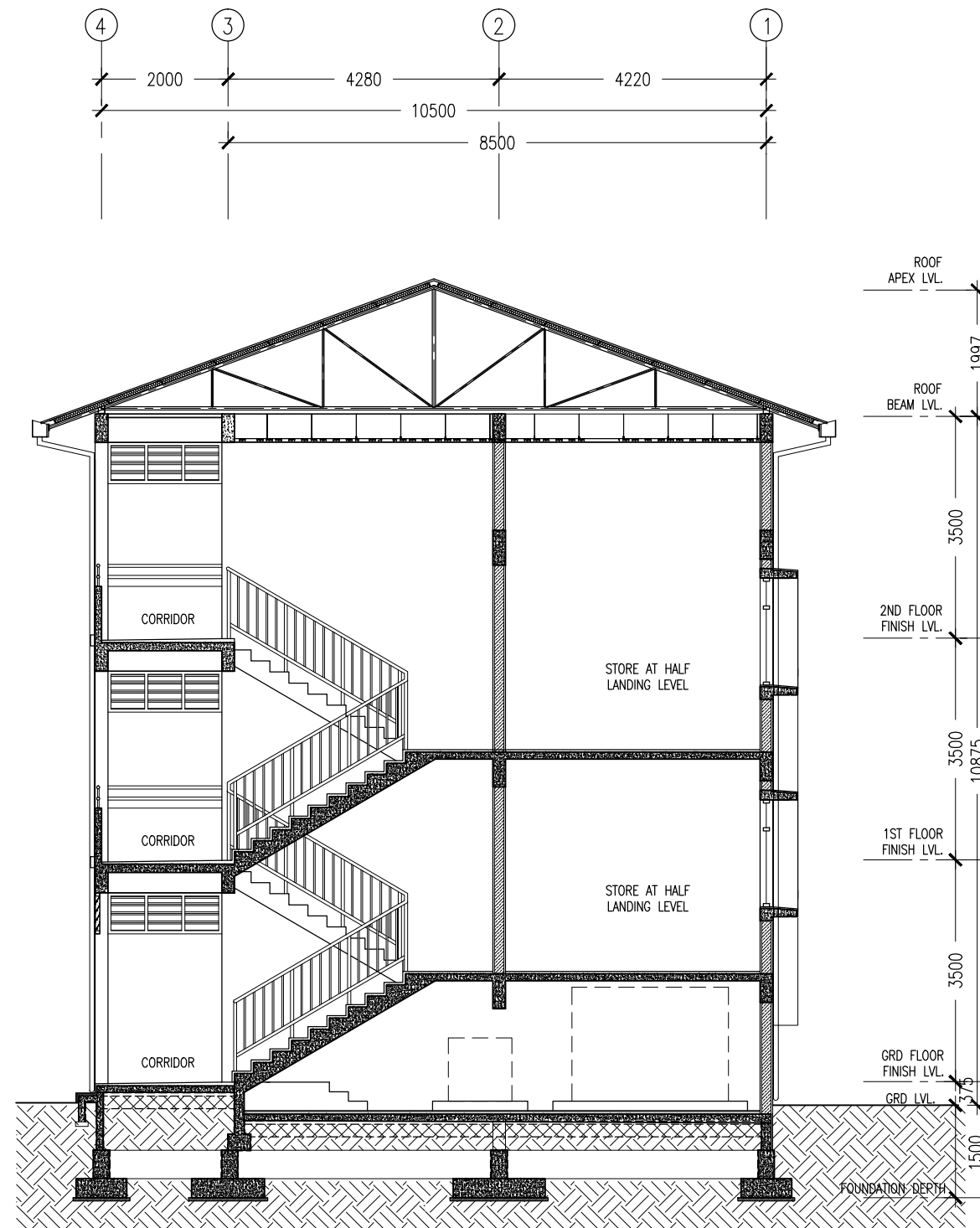


ELEVATION - D
SCALE 1:100

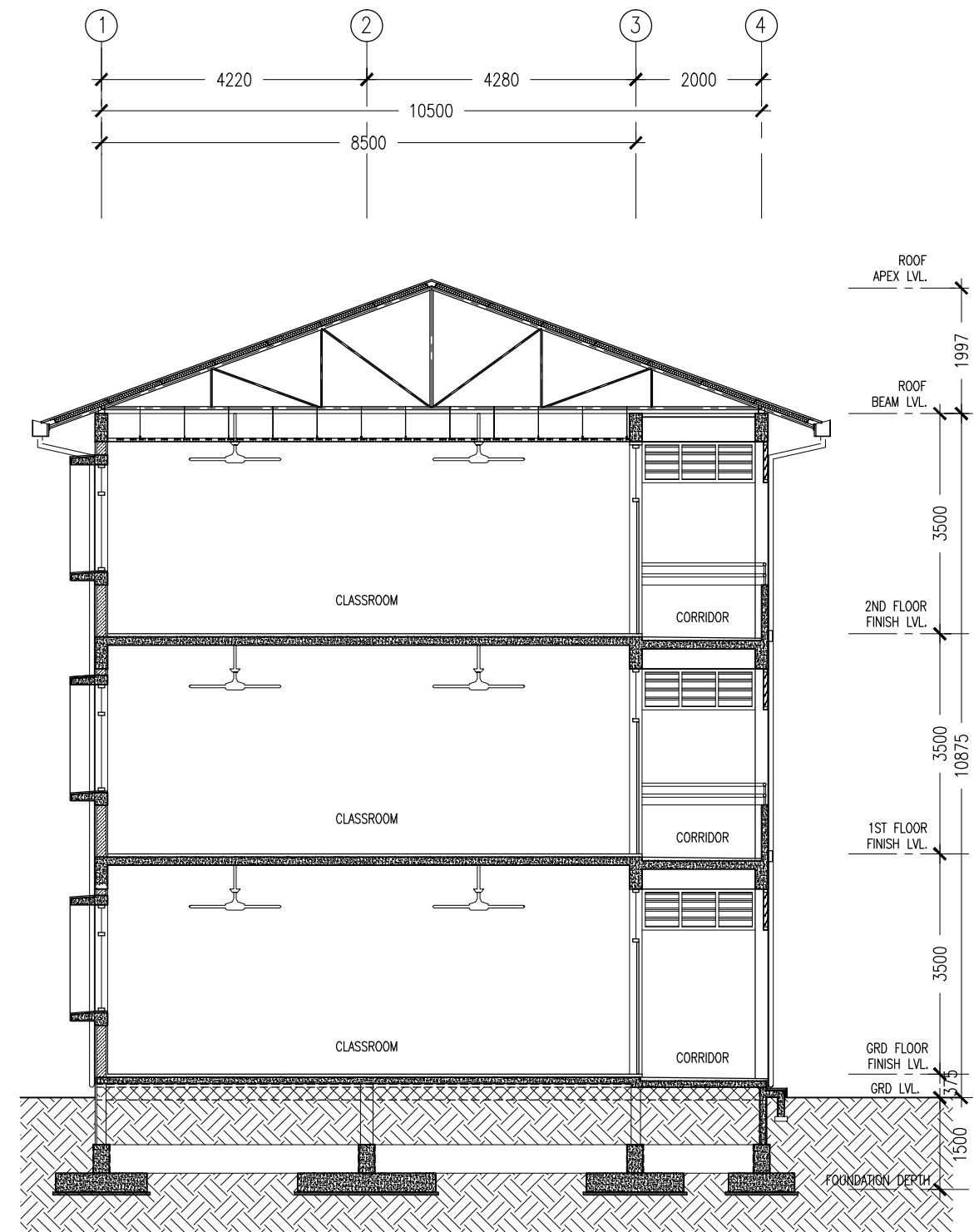
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-06
	ENGINEER: MOHAMED AHSAN	LOCATION: GAAFU ALIF MAAMENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
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			PROJECT NO.: 14-109



SECTION X-X
SCALE 1:100

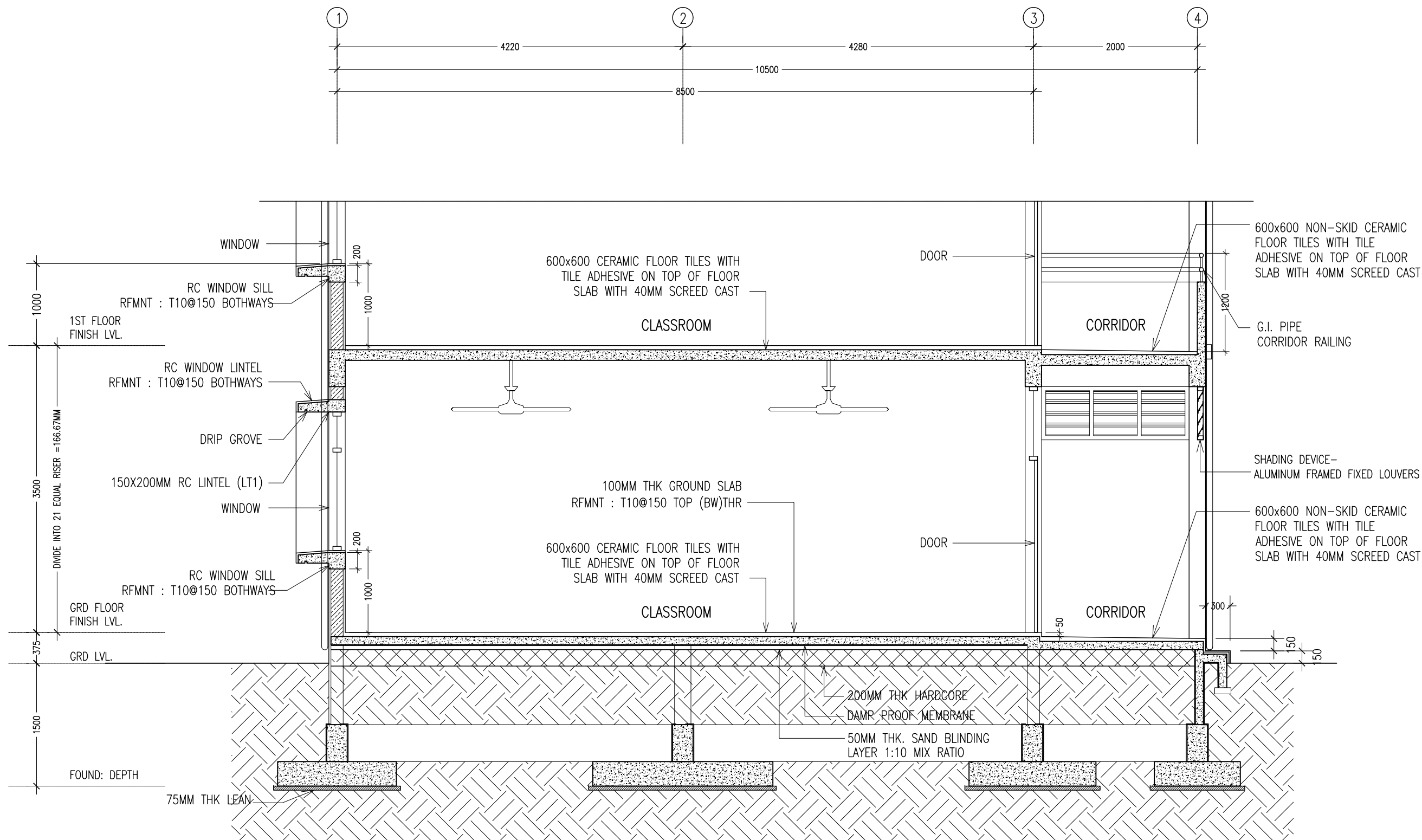


SECTION Y-Y
SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-07
	ENGINEER: MOHAMED AHSAN	LOCATION: GAAFU ALIF MAAMENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
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SECTION DETAIL Y-Y
SCALE 1:50

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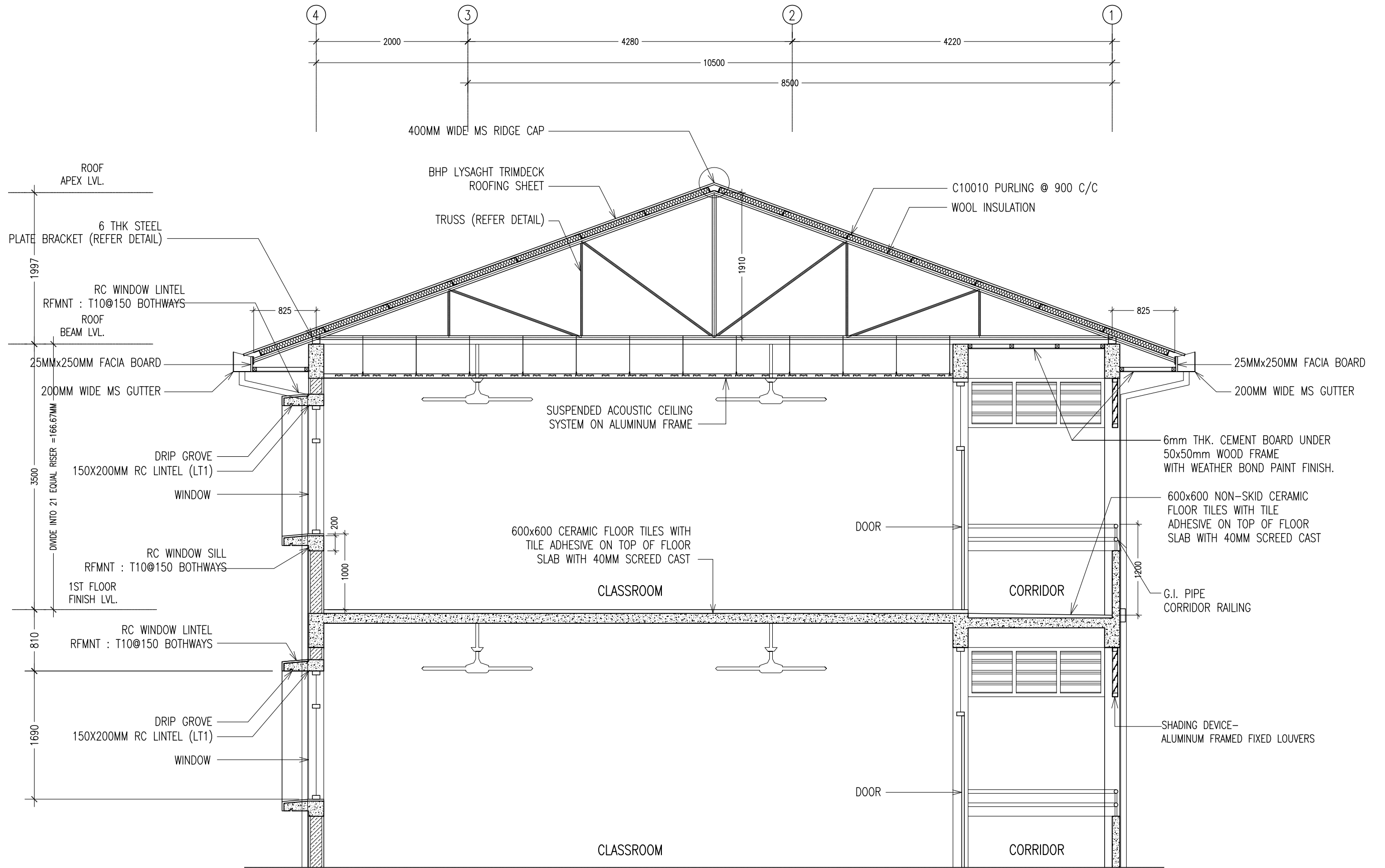
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SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

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A-10
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SECTION DETAIL Y-Y
SCALE 1:50

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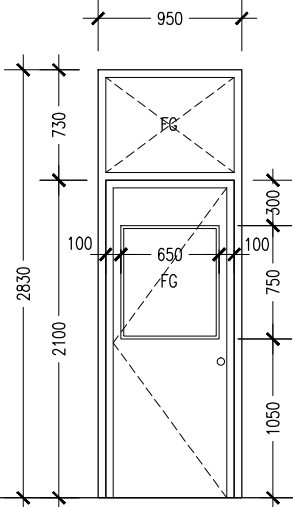
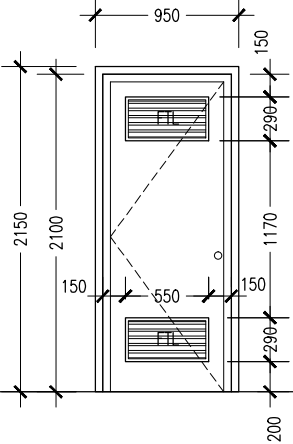
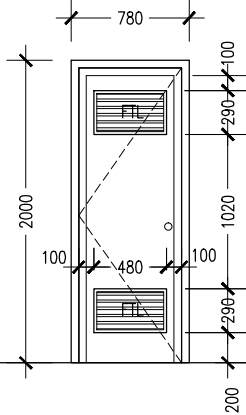
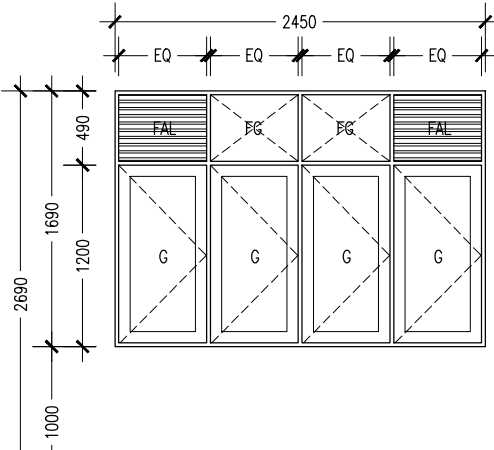
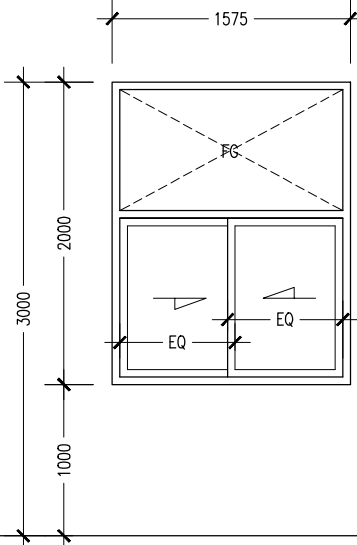
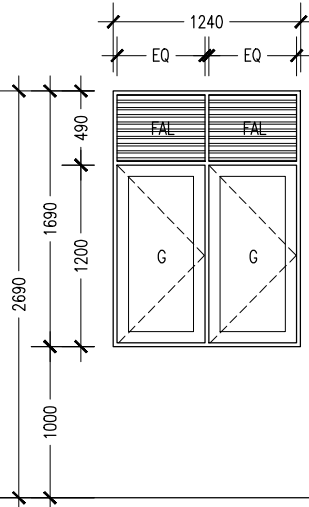
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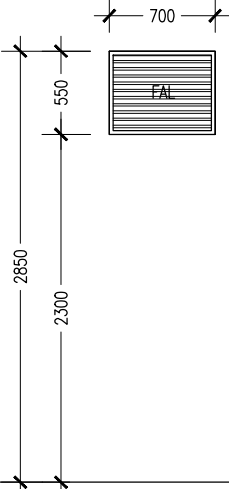
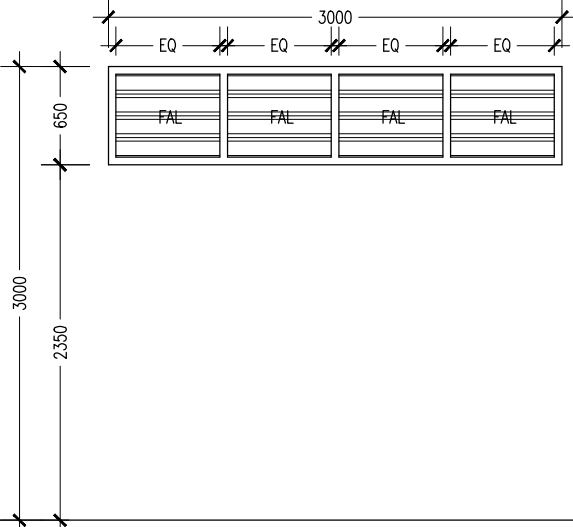
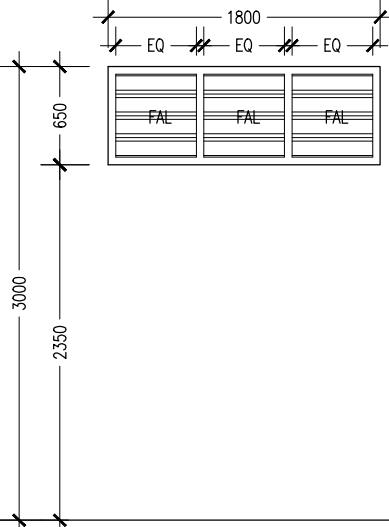
A-11

DWG NO

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ELEVATIONS :						
FINISH FLOOR LEVEL						
DR / WD NO.	D1	D2	D3	W1	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 SLIDING WINDOW PANEL	ALUMINUM FRAMED WINDOW PANEL
FRAME :	120MM TIMBER FRAME	120MM TIMBER FRAME	120MM TIMBER FRAME	40 MICRON WHITE POWDER COATED ALUMINIUM FRAME	40 MICRON WHITE POWDER COATED ALUMINIUM FRAME	40 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-6MM THICK CLEAR GLASS			C-6MM THICK CLEAR GLASS	C-6MM THICK CLEAR GLASS	C-6MM THICK CLEAR GLASS

ELEVATIONS :			
FINISH FLOOR LEVEL			
DR / WD NO.	W4	SHADING DEVICE (FRONT) TYPE-1	SHADING DEVICE (SIDE) TYPE-2
DESCRIPTION :	ALUMINUM FRAMED FIXED LOUVRE WINDOW PANEL	ALUMINUM FRAMED FIXED LOUVRE WINDOW PANEL	ALUMINUM FRAMED FIXED LOUVRE WINDOW PANEL
FRAME :	40 MICRON WHITE POWDER COATED ALUMINIUM FRAME	40 MICRON WHITE POWDER COATED ALUMINIUM FRAME	40 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 LOUVRES
FAL : FIXED ALUMINUM LOUVRES

DOOR / WINDOW SCHEDULE

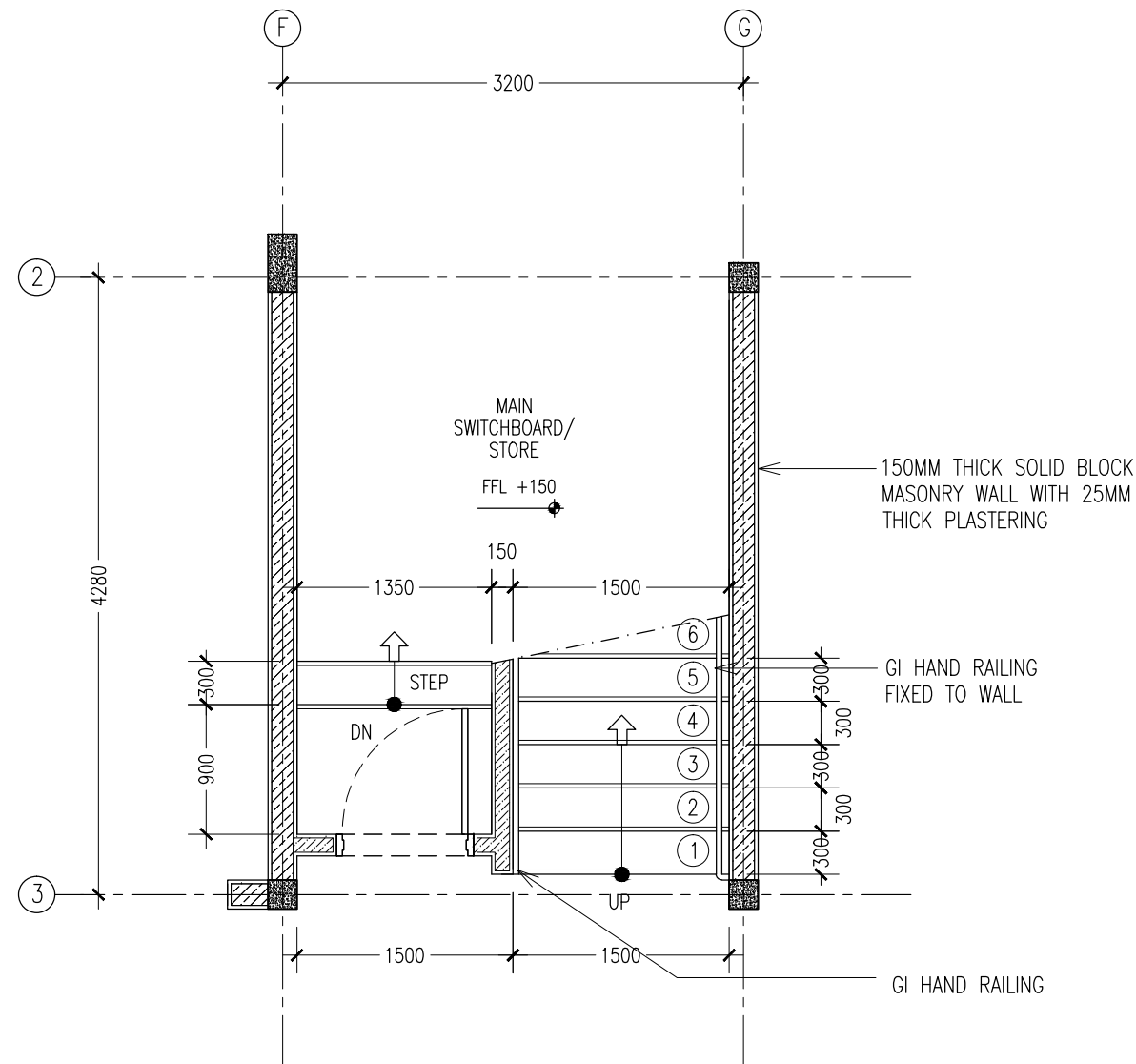
SCALE 1:50

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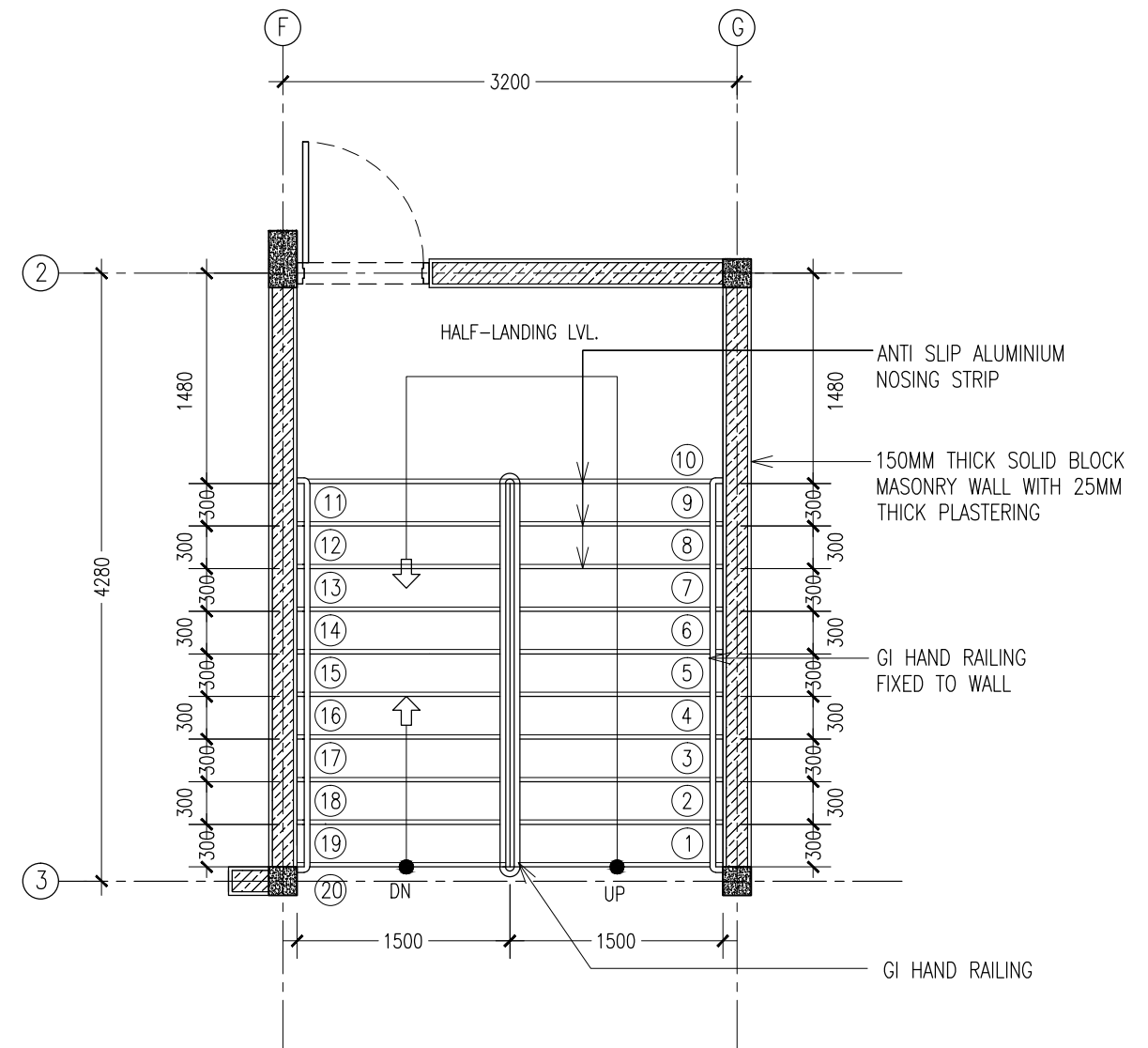
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-12
	ENGINEER: MOHAMED AHSAN	LOCATION: GAAFU ALIF MAAMENDHOO	
	SERVICES ENG: AS GIVEN	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	
		DIMENSION: MM	DWG NO
		DATE: MAY 2015	PROJECT NO.: 14-109

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GROUND FLOOR STAIR PLAN
SCALE 1:50

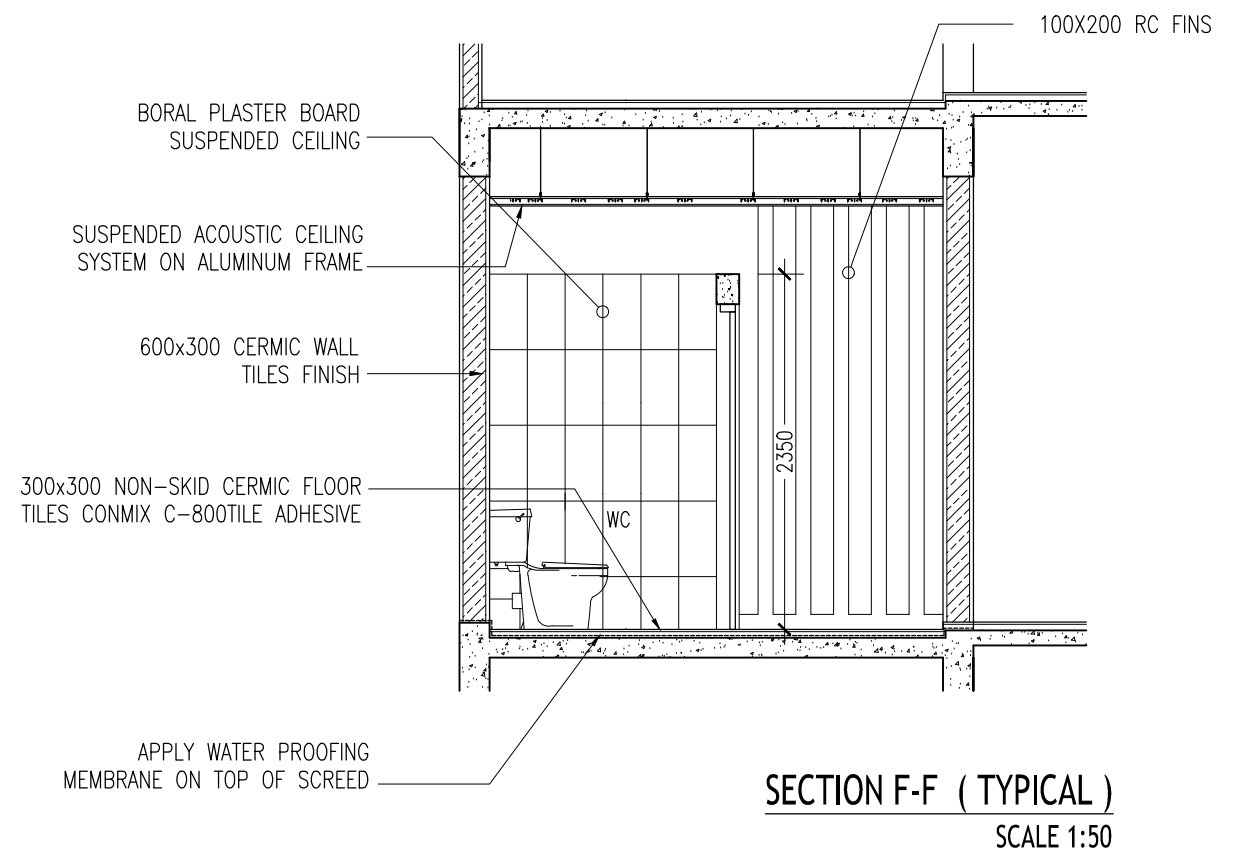
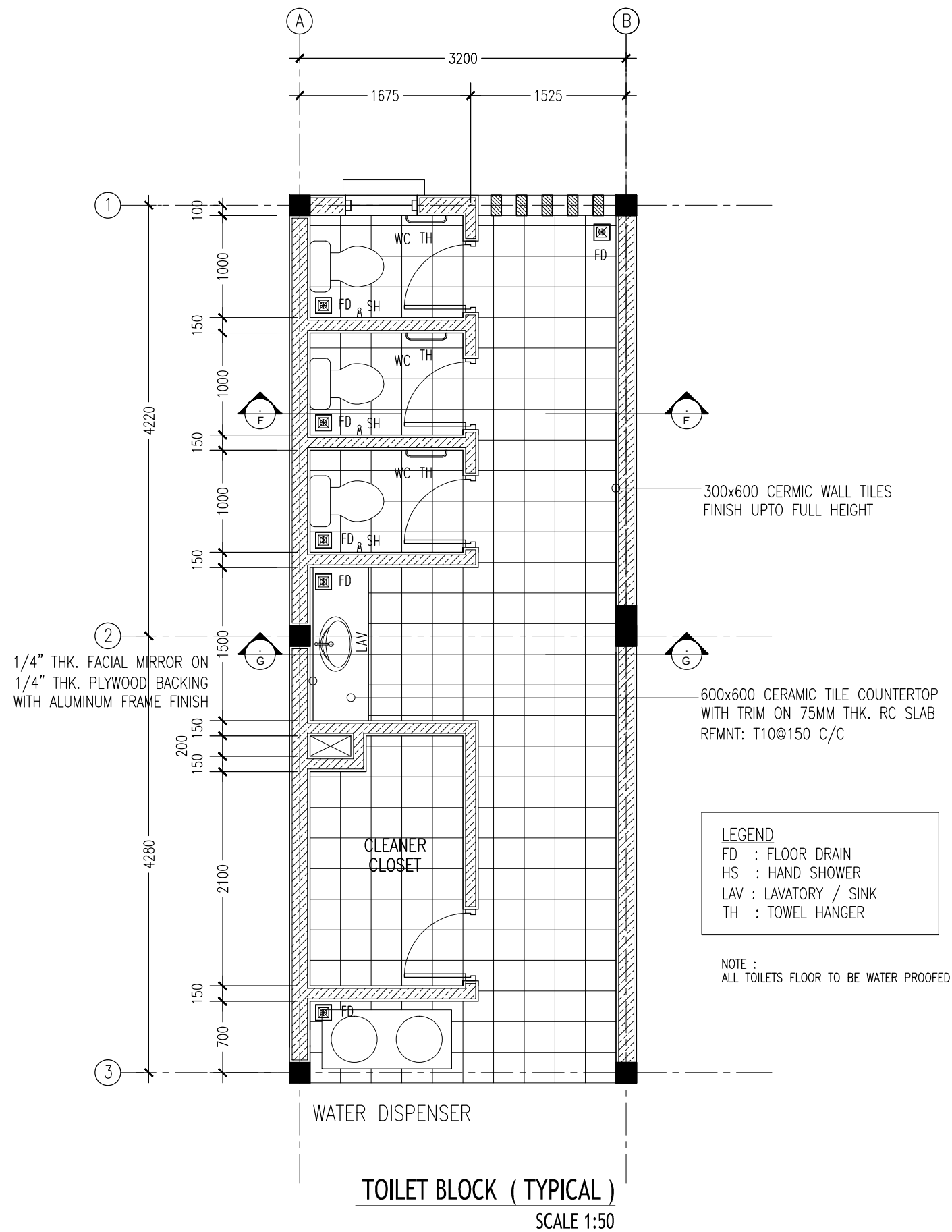


1ST-2ND FLOOR STAIR PLAN
SCALE 1:50

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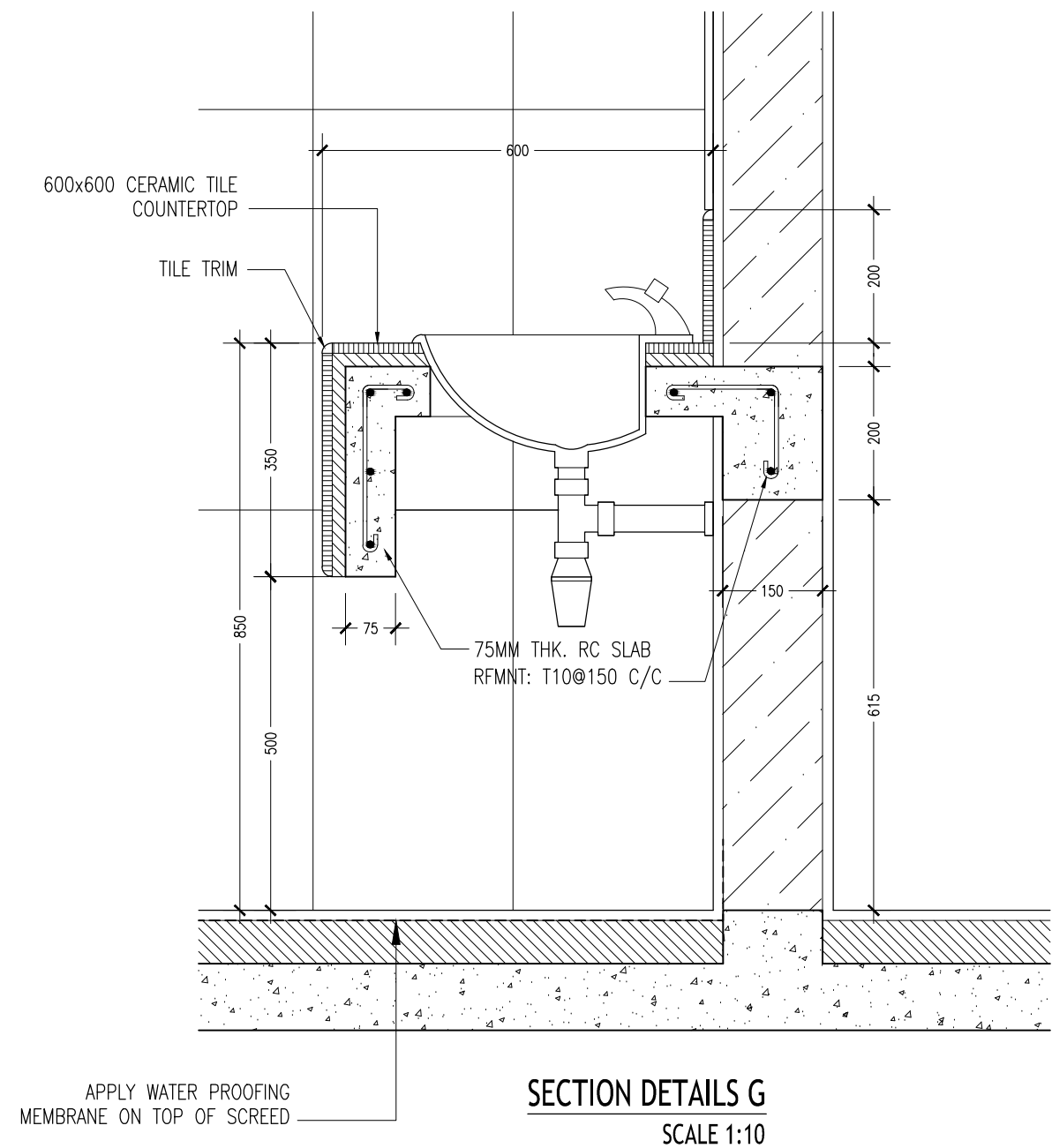
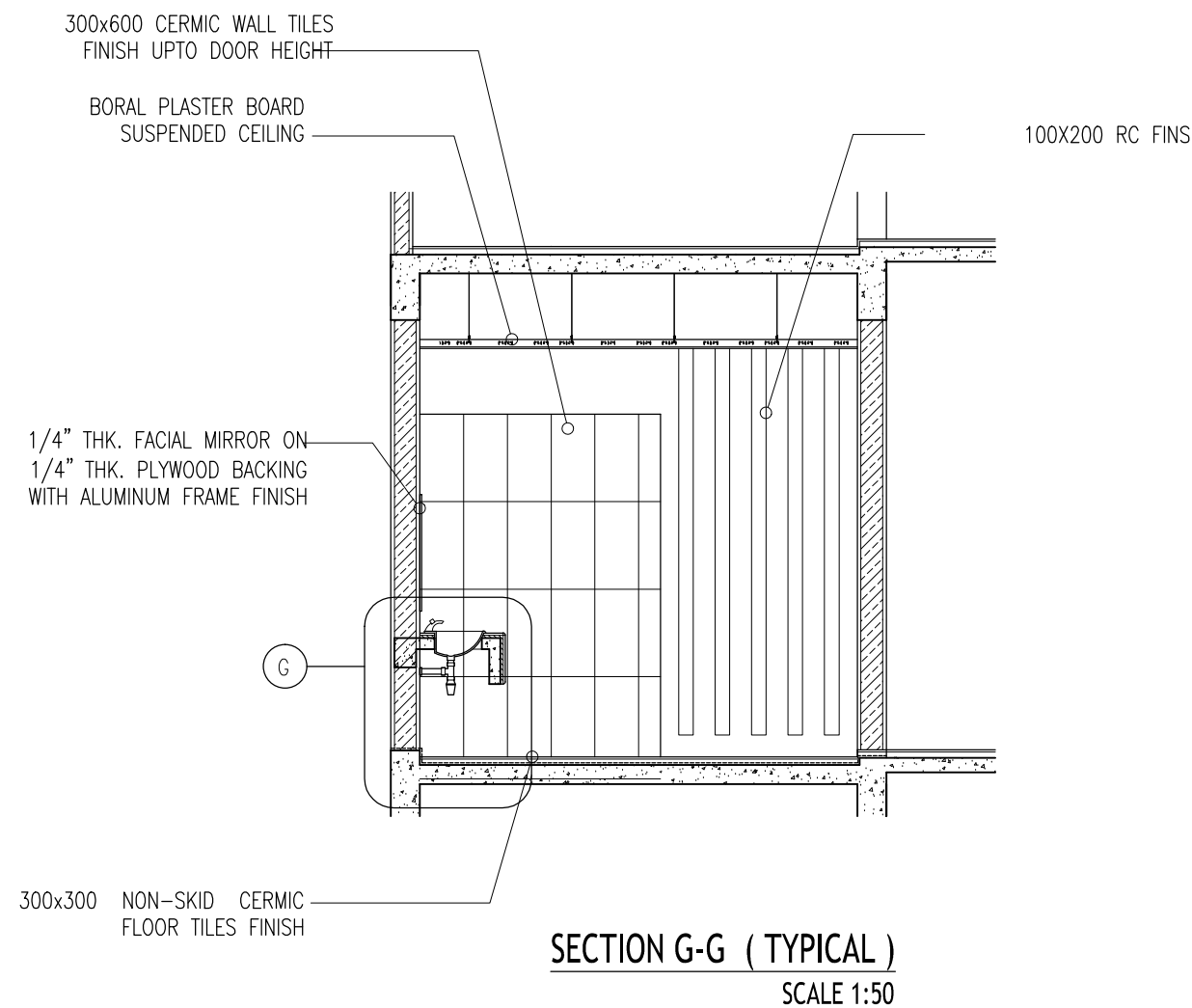
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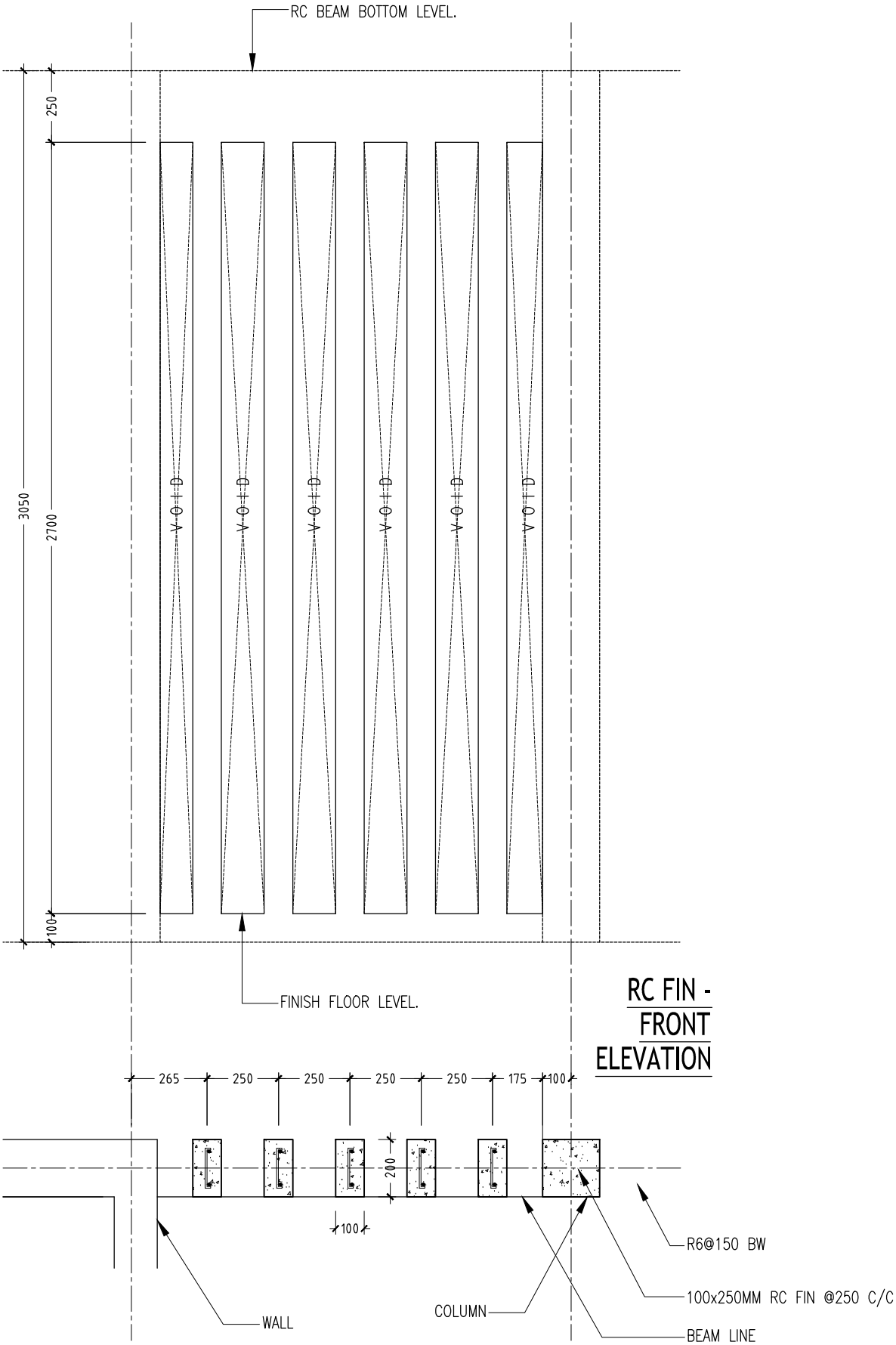


SCALE 1:20



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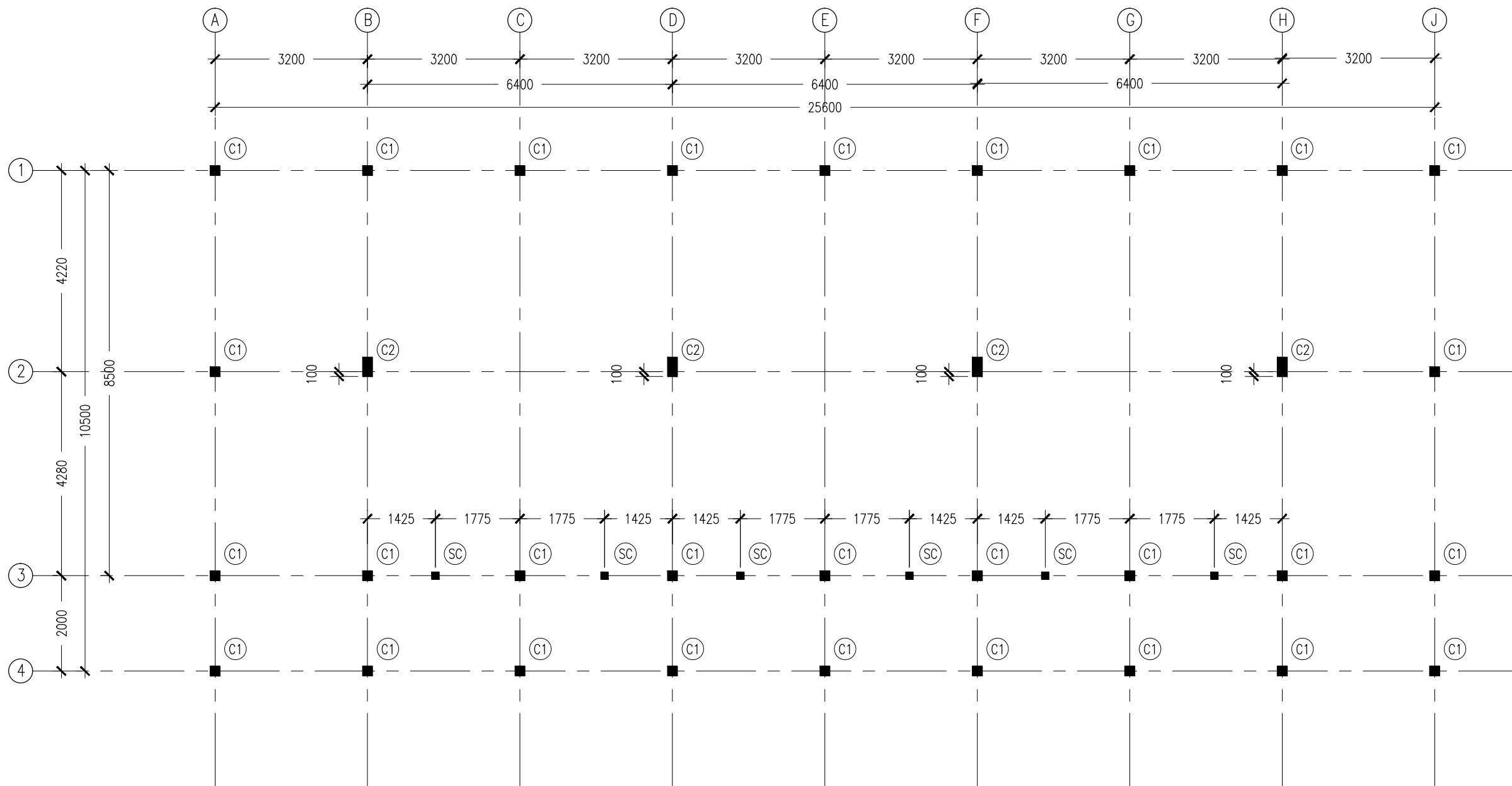


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ESTIMATOR:	
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A-17
DWG NO
PROJECT NO.: 14-109



- NOTES :
- COVER TO FOUNDATION: 50MM
 - COVER TO BEAMS : 50MM
 - COVER TO COLUMNS : 40MM
 - CONCRETE MIX : 1:2:3
UNLESS STATED

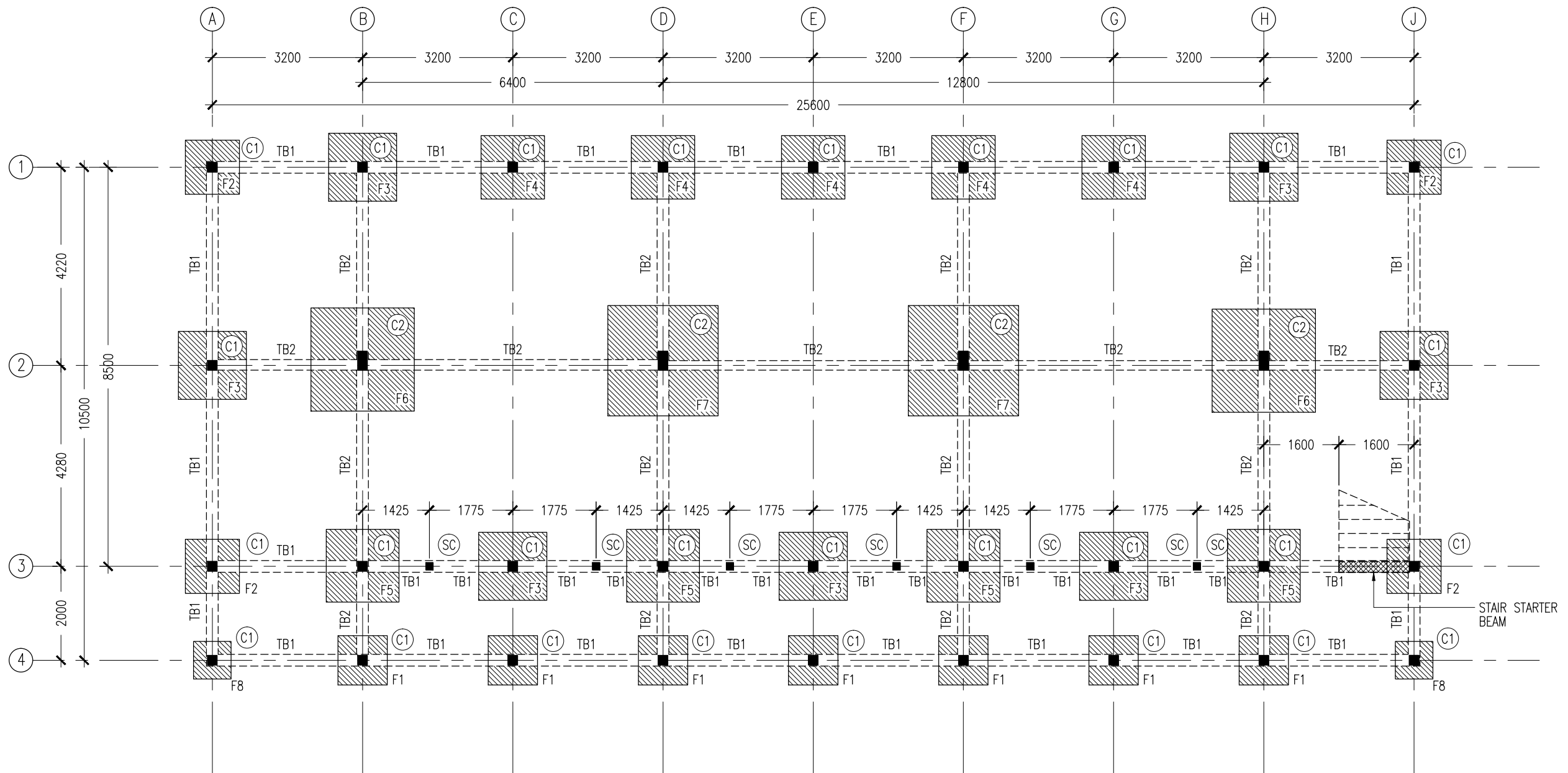
COLUMN SETTING LAYOUT PLAN
SCALE 1:100

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REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:			PROPOSED 9 CLASS ROOM BLOCK	S-01
	ENGINEER:	MOHAMED AHSAN	LOCATION:			GAAFU ALIF MAAMENDHOO	
	SERVICES ENG:		DRAWING TITLE:			AS GIVEN	
	ESTIMATOR:		CLIENT:			MINISTRY OF EDUCATION	
	DWG NO						
	DRAWN BY:	ASFAN AHMED	SCALE: AS GIVEN	DIMENSION: MM	DATE: MAY 2015	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

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

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

REVISION:

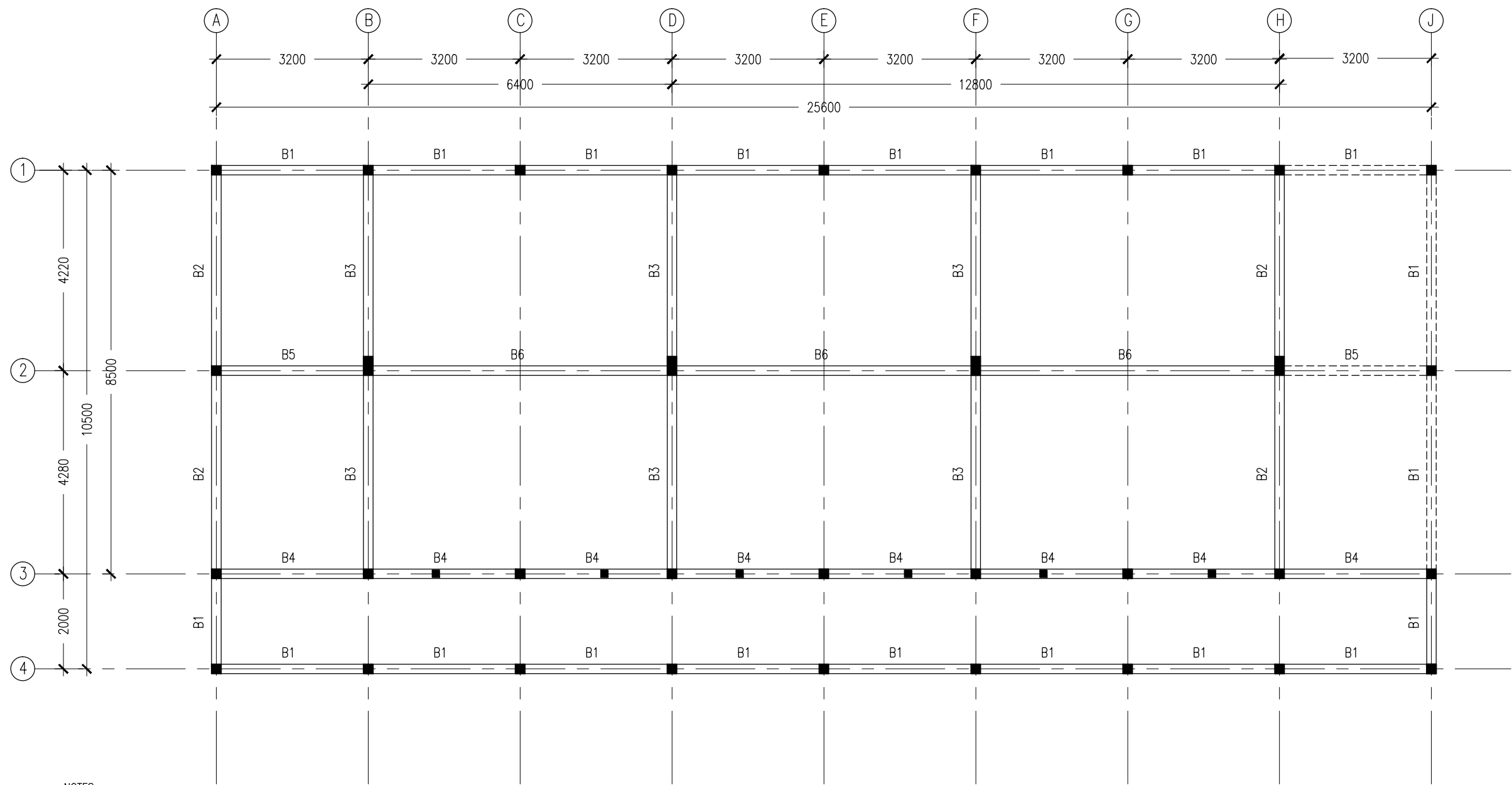
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

PROJECT:	PROPOSED 9 CLASS ROOM BLOCK		
LOCATION:	GAAFU ALIF MAAMENDHOO		
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

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

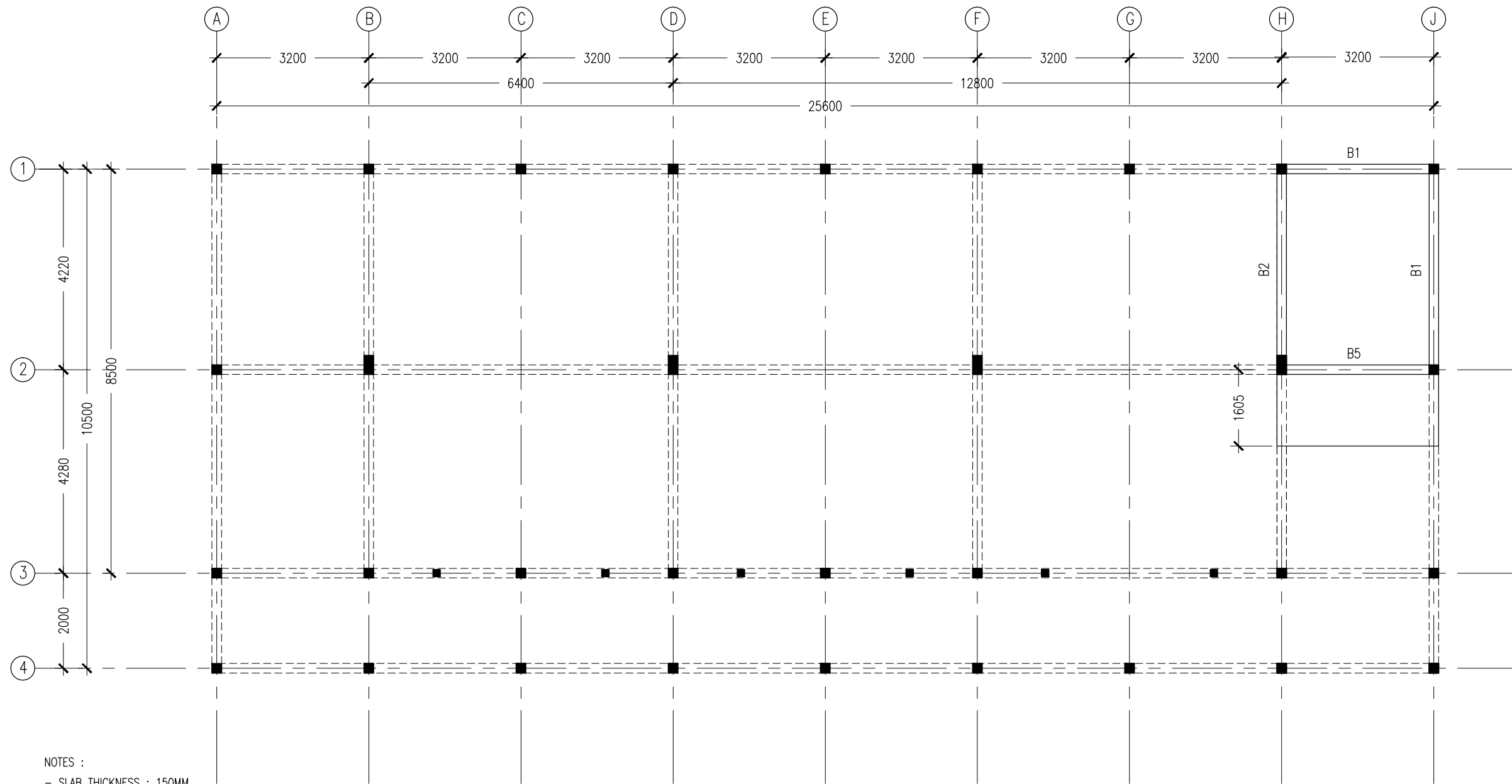
REVISION:

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

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: GAAFU ALIF MAAMENDHOO
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

S-03
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.

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

CONTRACTORS MUST
CHECK ALL
DIMENSIONS ON SITE
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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: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK

LOCATION: GAAFU ALIF MAAMENDHOO

DRAWING TITLE: AS GIVEN

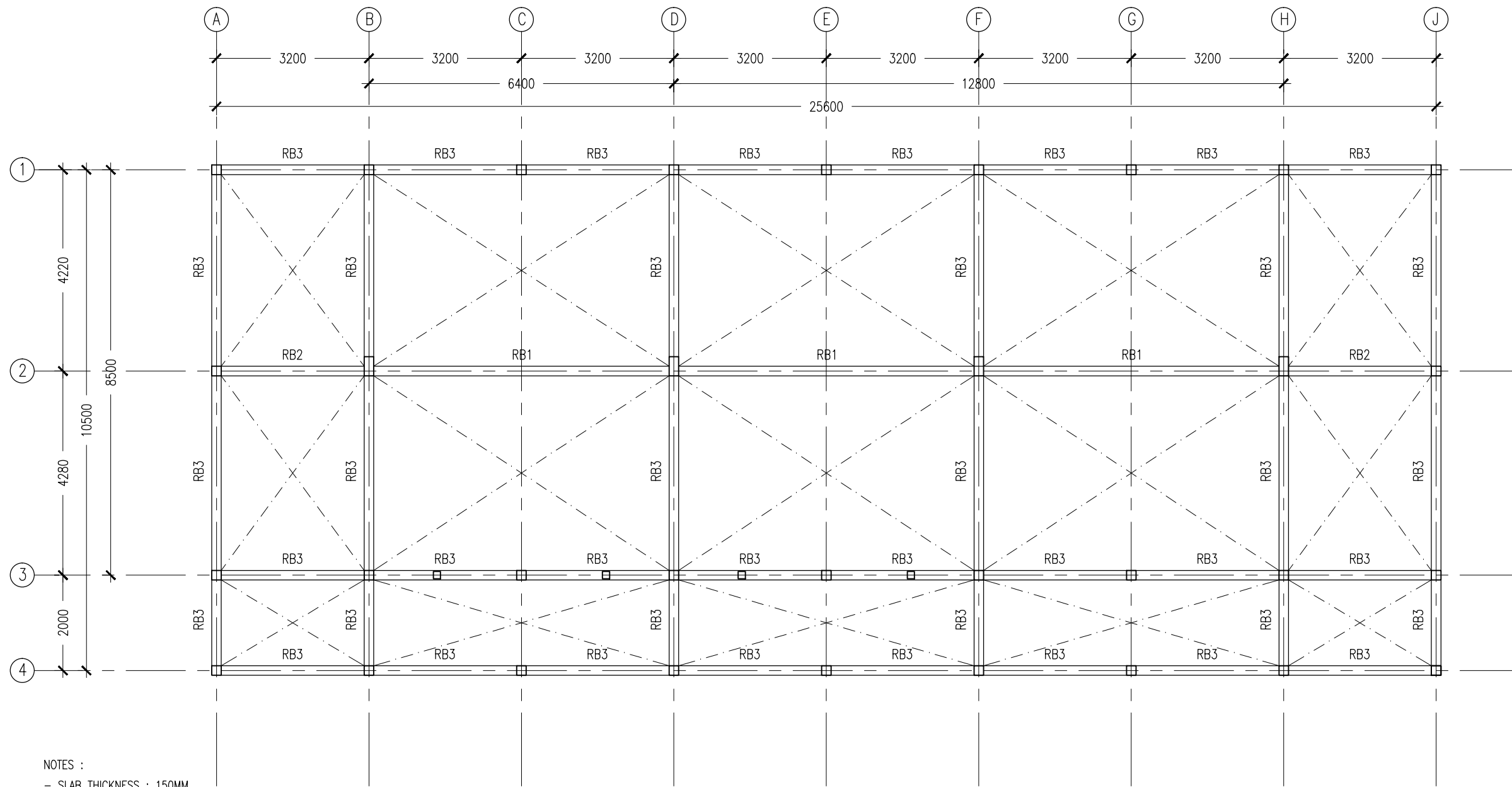
CLIENT: MINISTRY OF EDUCATION

SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

S-04

DWG NO

PROJECT NO.: 14-109



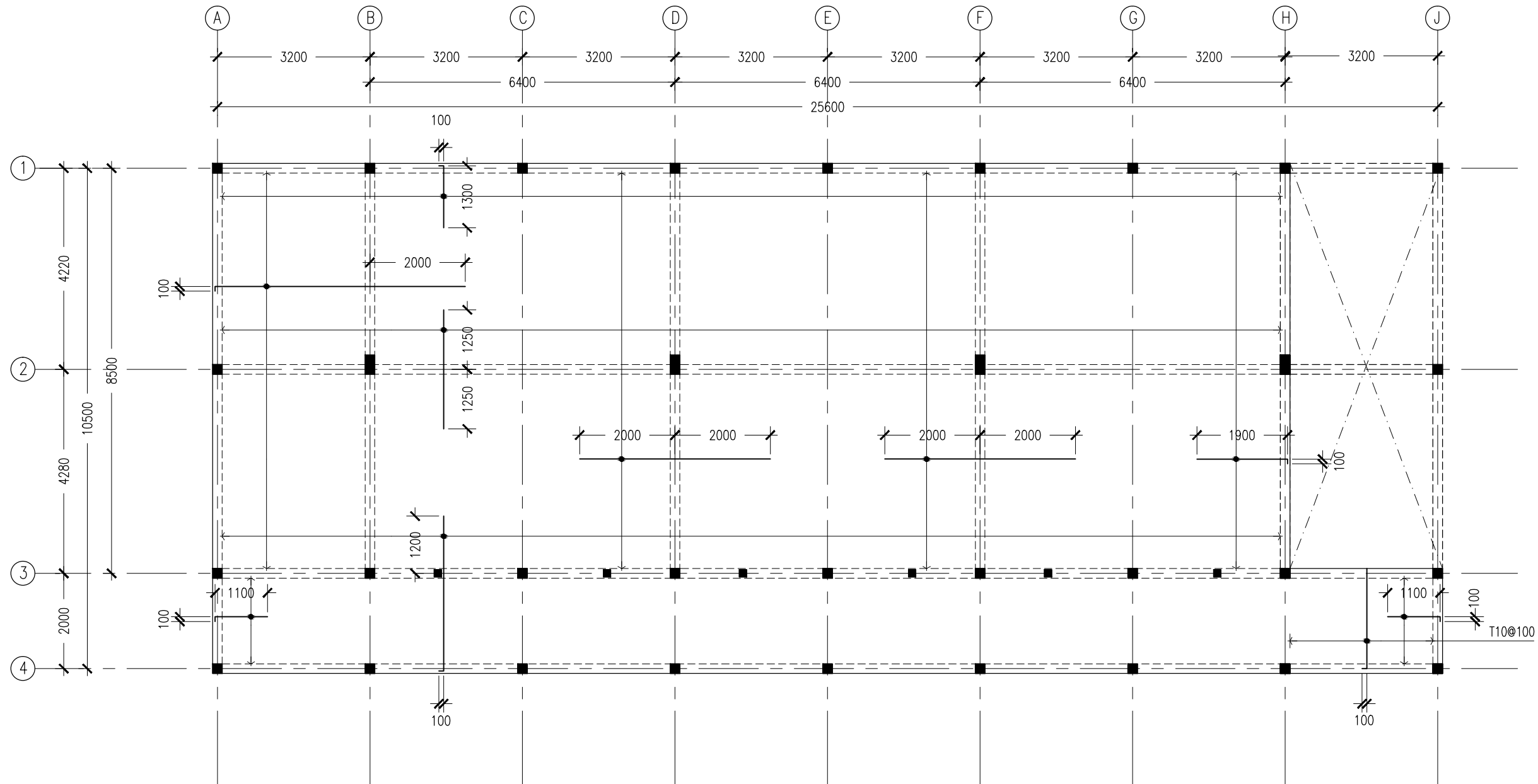
- NOTES :
- SLAB THICKNESS : 150MM
ACCPET WHERE STATED
 - SLAB BOTTOM COVER: 30MM
 - SLAB TOP COVER: 25MM
 - COVER TO BEAMS : 35MM
 - COVER TO COLUMNS : 40MM
 - CONCRETE MIX : 1:2:3
UNLESS STATED
 - ADD CONMIX MEGAFLW MP TO ALL EXTERNAL PLASTER &
FOR WET AREA PLASTER
 - ADD CONMIX MEGA FLOW P TO ALL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

ROOF 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



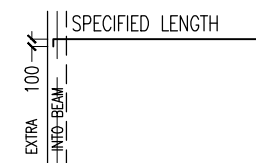
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	S-05
	ENGINEER: MOHAMED AHSAN	LOCATION: GAAFU ALIF MAAMENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	
CONCEPT AND DESIGN IN THIS DRAWING ARE THE 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			DWG NO
			PROJECT NO.: 14-109



NOTE:

- *SLAB THICKNESS: 150MM
ACCPET 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 : T10-200MM 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

1ST-2ND FLOOR SLAB RFMNT 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: ASFAN AHMED

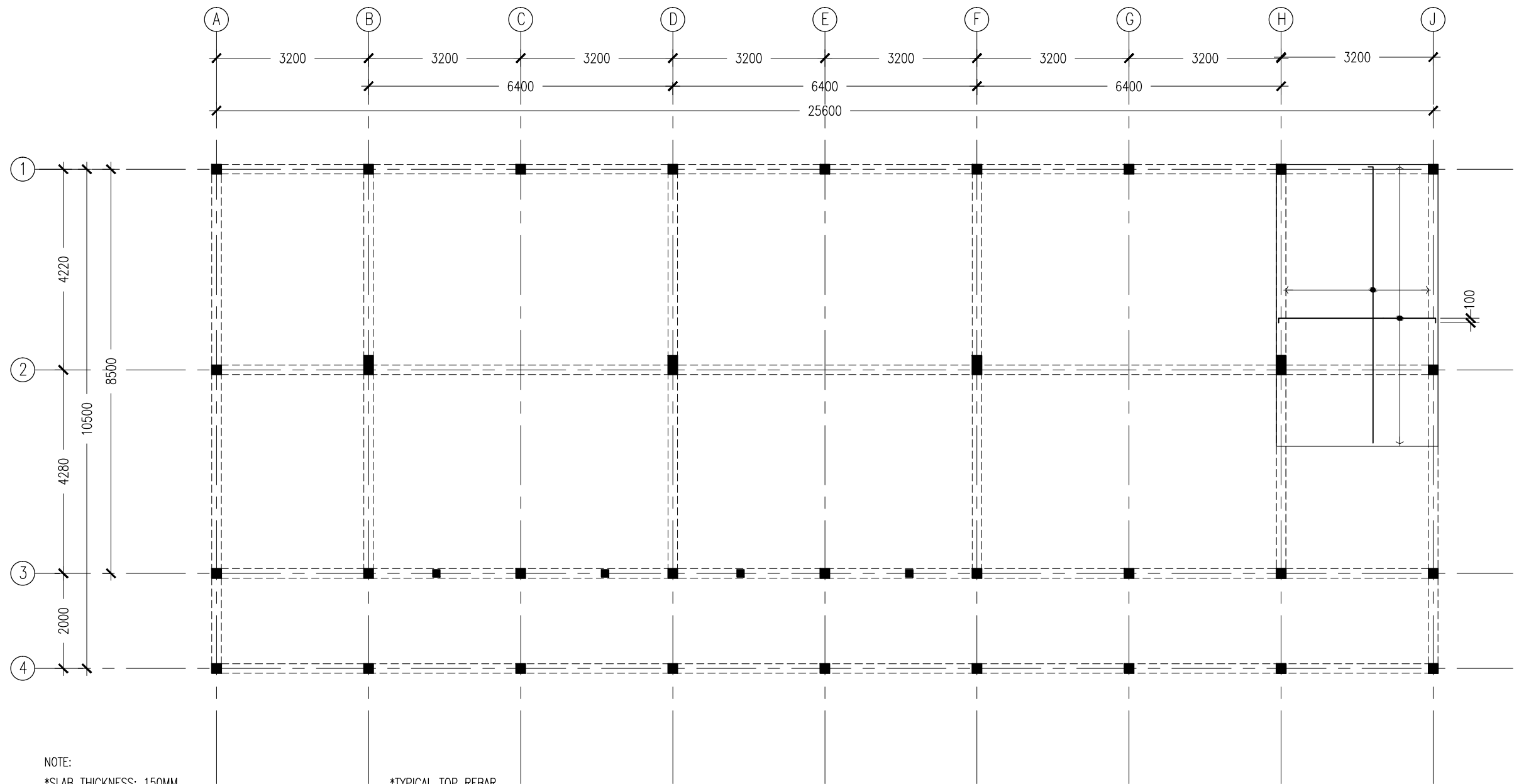
PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: GAAFU ALIF MAAMENDHOO
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

S-06

DWG NO

PROJECT NO.: 14-109

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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
SPECIFIED LENGTH
EXTRA 100
INTG-BEAM
*FCU=25N/MM2

SLAB RFMNT AT HALF-LANDING LAYOUT 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

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

REVISION:

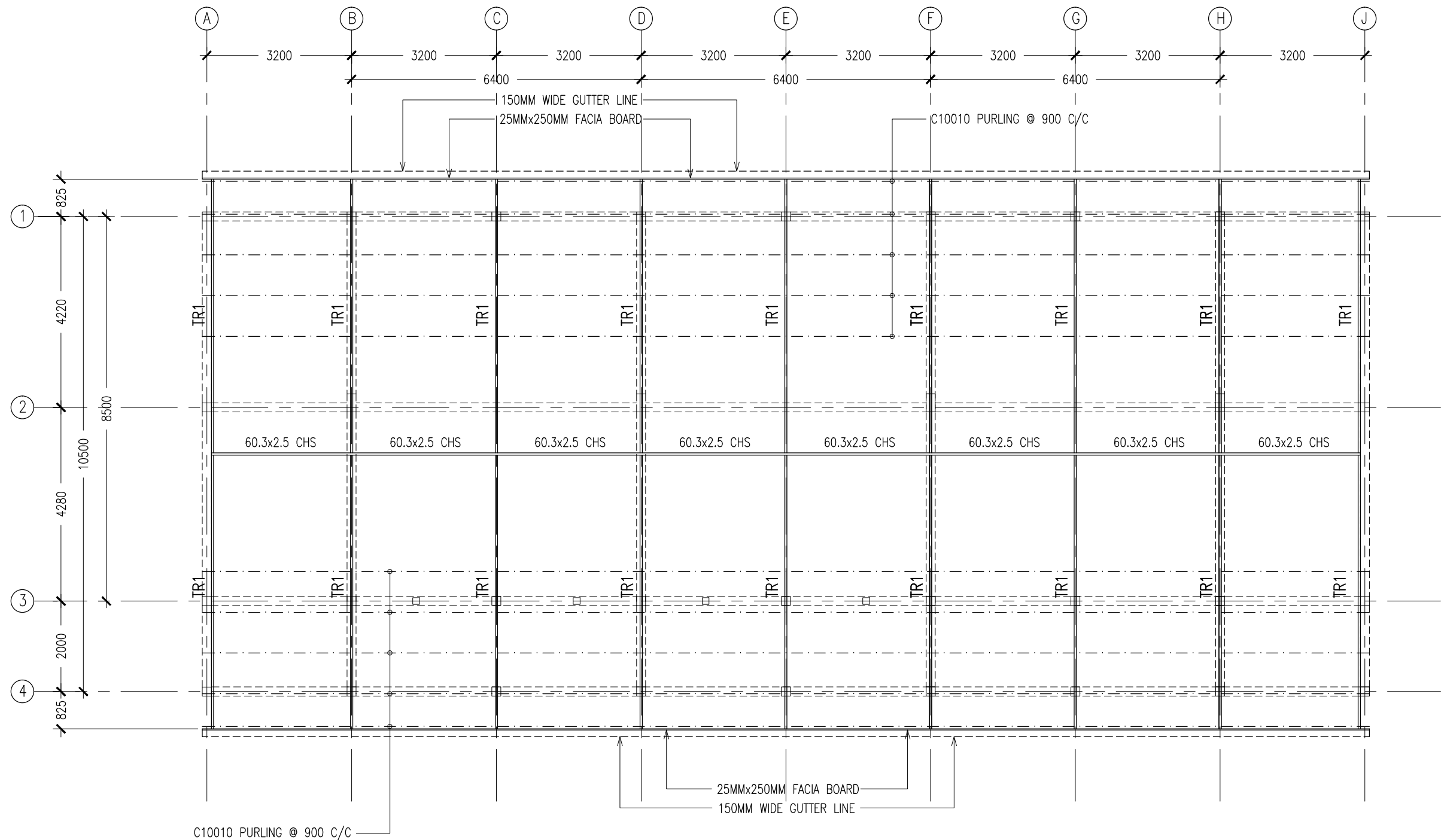
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: GAAFU ALIF MAAMENDHOO
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

S-07

DWG NO
PROJECT NO.: 14-109

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ROOF STRUCTURE 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:	ASFAN AHMED

PROJECT:	PROPOSED 9 CLASS ROOM BLOCK
LOCATION:	GAAFU ALIF MAAMENDHOO
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

S-08

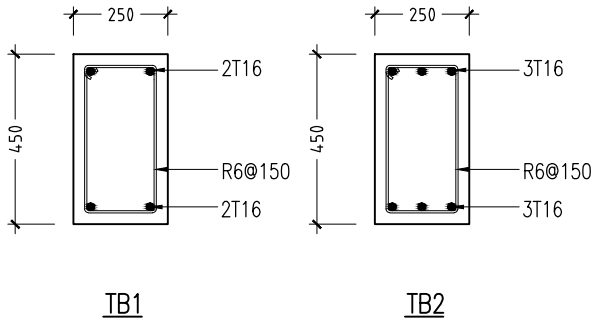
DWG NO

PROJECT NO.: 14-109

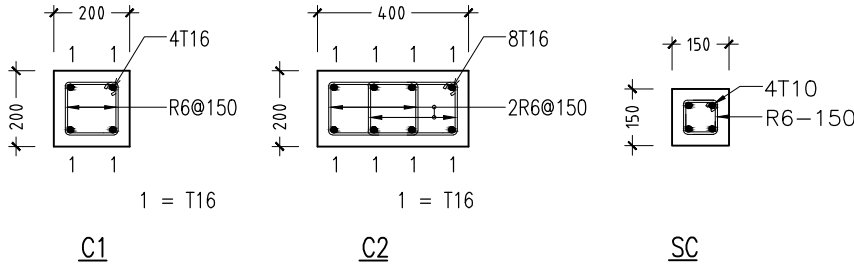
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN, DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED

	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

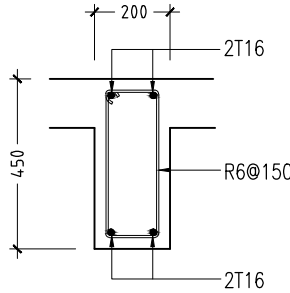
FOOTING DETAILS



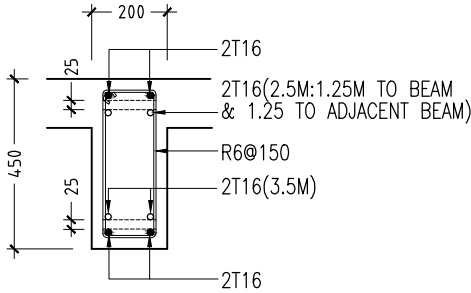
FOUNDATION BEAM DETAILS
SCALE 1:20



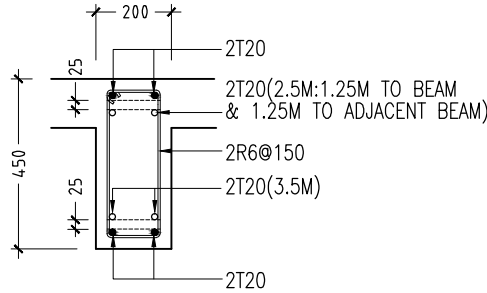
COLUMN DETAILS
SCALE 1:20



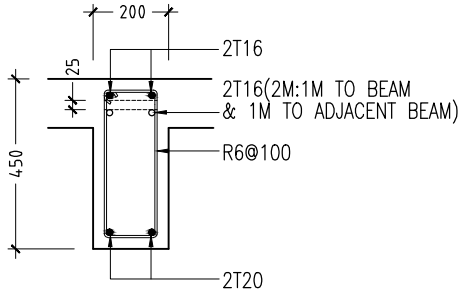
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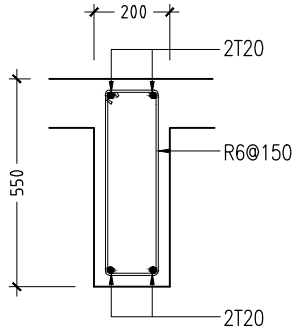
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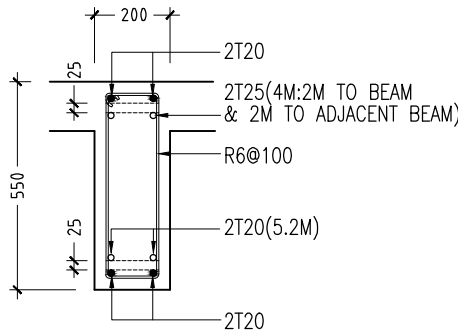
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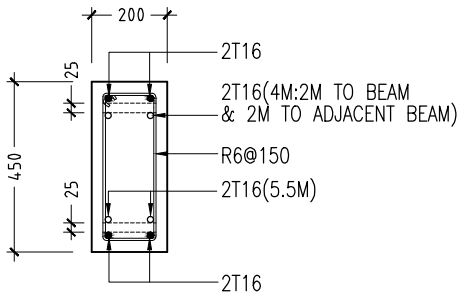
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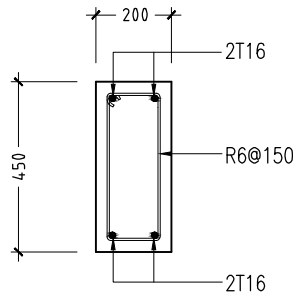
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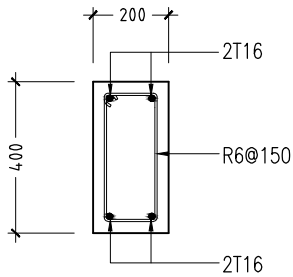
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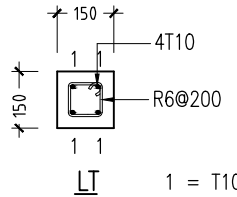
RB1



RB2



RB3



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

LINTEL/SILL BEAM DETAILS
SCALE 1:20

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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s t u d i o
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admin@archeng.biz

REVISION:

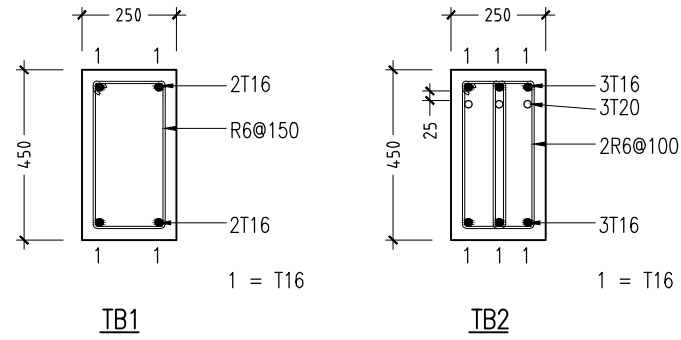
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG: _____
ESTIMATOR: _____
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: GAAFU ALIF MAAMENDHOO
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN
DIMENSION: MM
DATE: MAY 2015

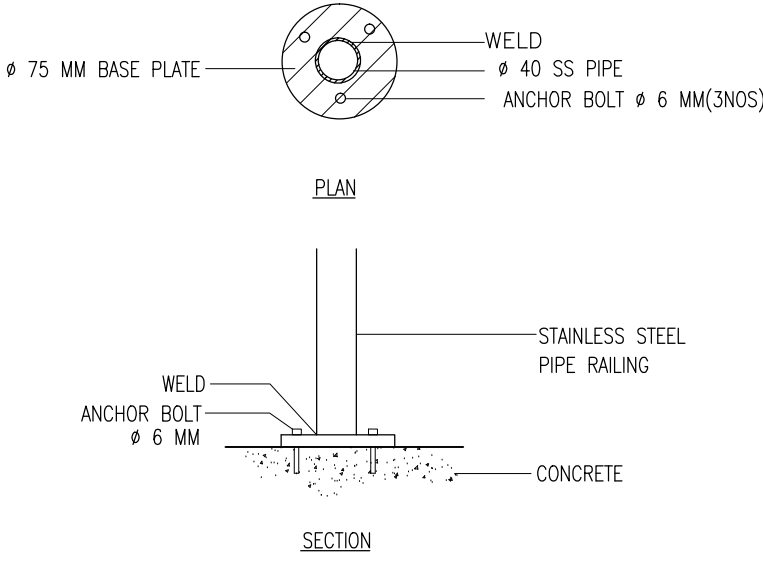
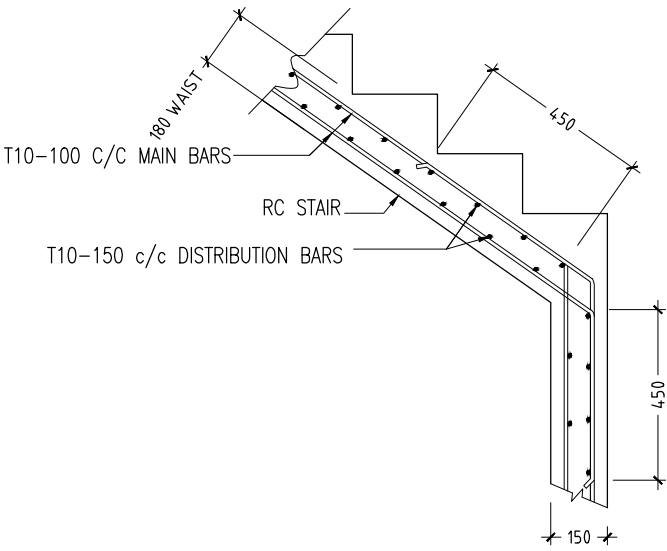
S-09
DWG NO

PROJECT NO.: 14-109

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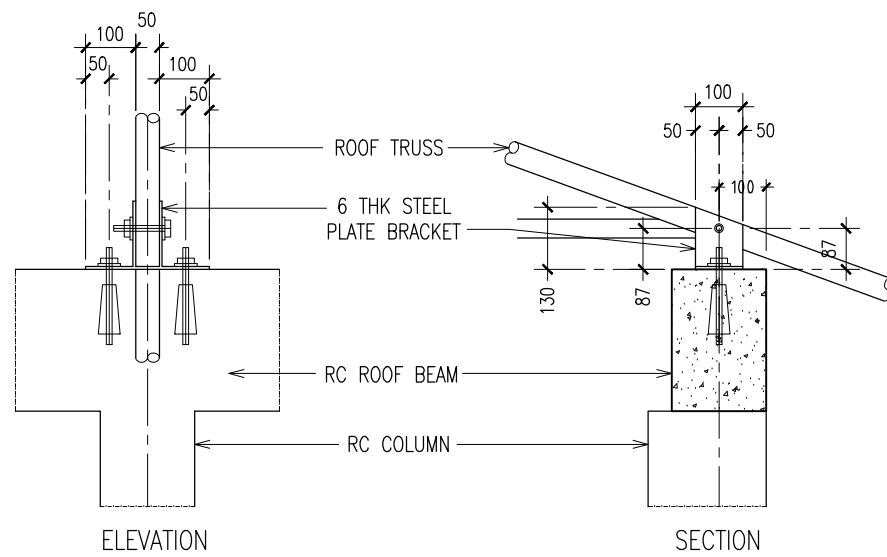
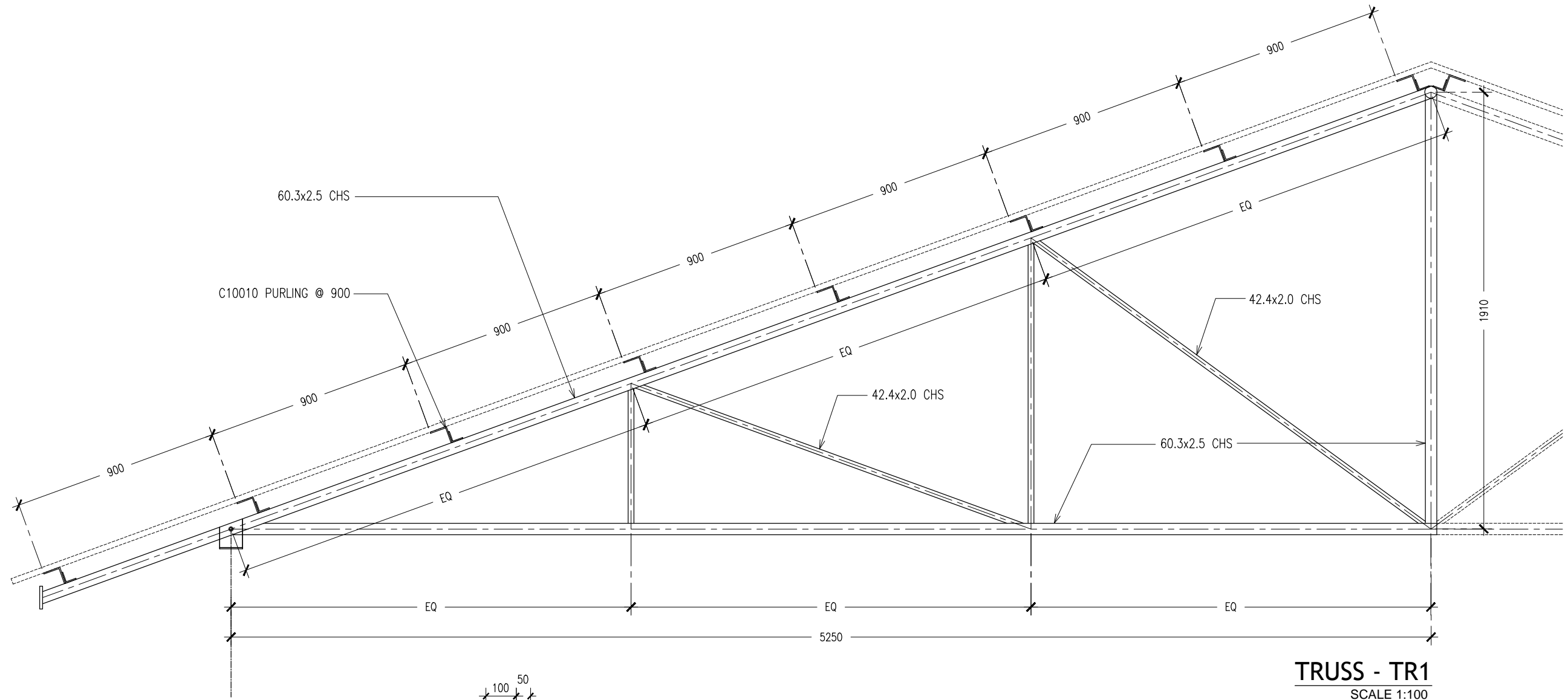
FOUNDATION BEAM DETAILS
SCALE 1:20



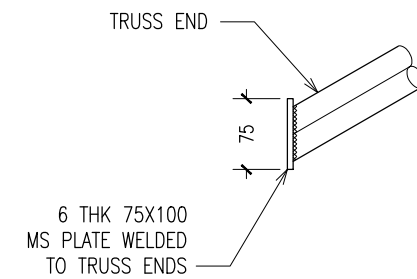
CONTRACTORS MUST
CHECK ALL
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BEFORE STARTING
ANY WORK OR SHOP
DRAWINGS.FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	S-10
	ENGINEER: MOHAMED AHSAN	LOCATION: GAAFU ALIF MAAMENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	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



TYPICAL TRUSS FIXING DETAILS
SCALE : NTS



TYPICAL TRUSS END DETAILS
SCALE : NTS

CONTRACTORS MUST
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DRAWINGS. FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

ArchEng
studio
Ma Fiyajhaage, 1st floor, Malé, Republic of Maldives
admin@archeng.biz

REVISION:

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

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: GAAFU ALIF MAAMENDHOO
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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PROPOSED 06 CLASS ROOM BLOCK AT GAAFU ALIF MAAMENDHOO

(3 STOREY)

ENHANCING EDUCATION DEVELOPMENT PROJECT (EEDP)

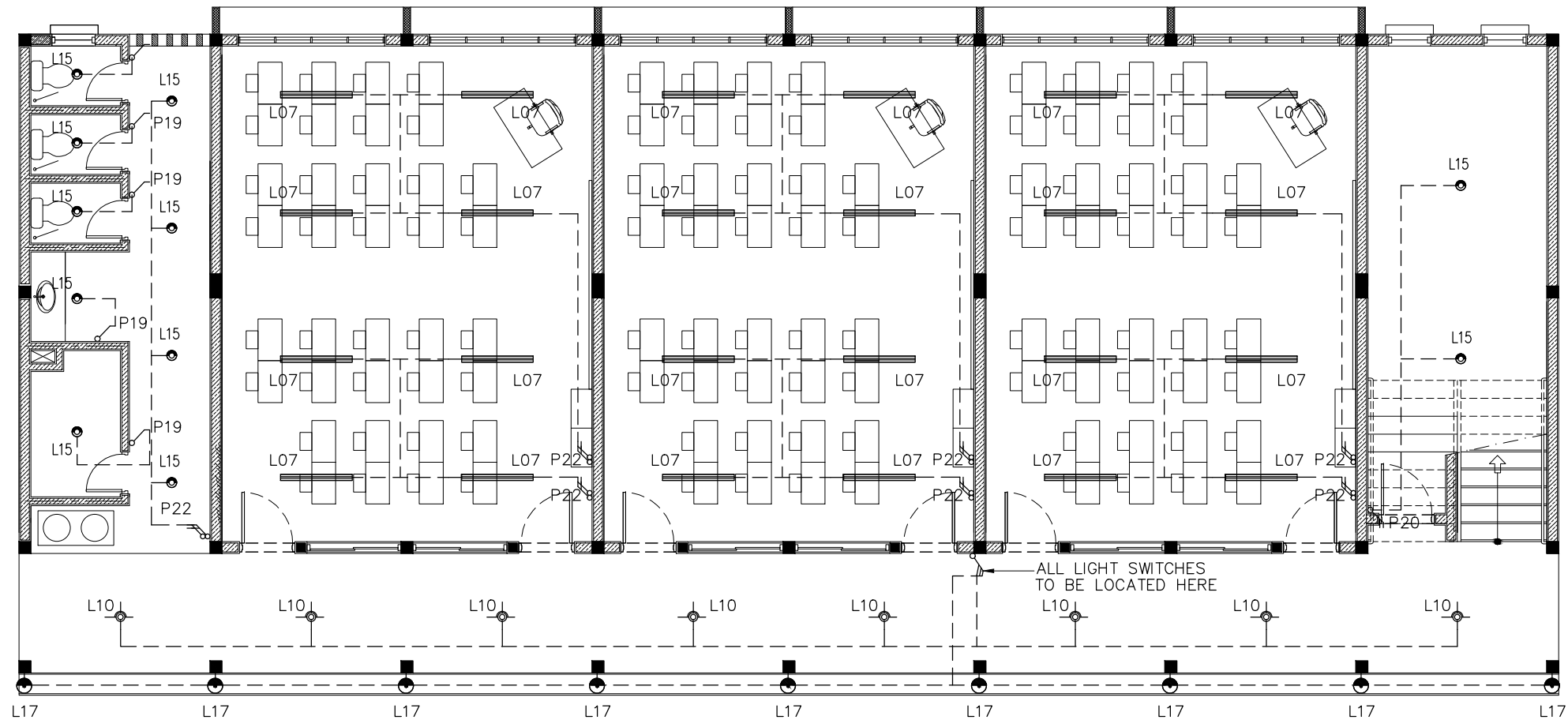
ELECTRICAL DRAWINGS

MAY 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY





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
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DRAWINGS FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

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

REVISION:

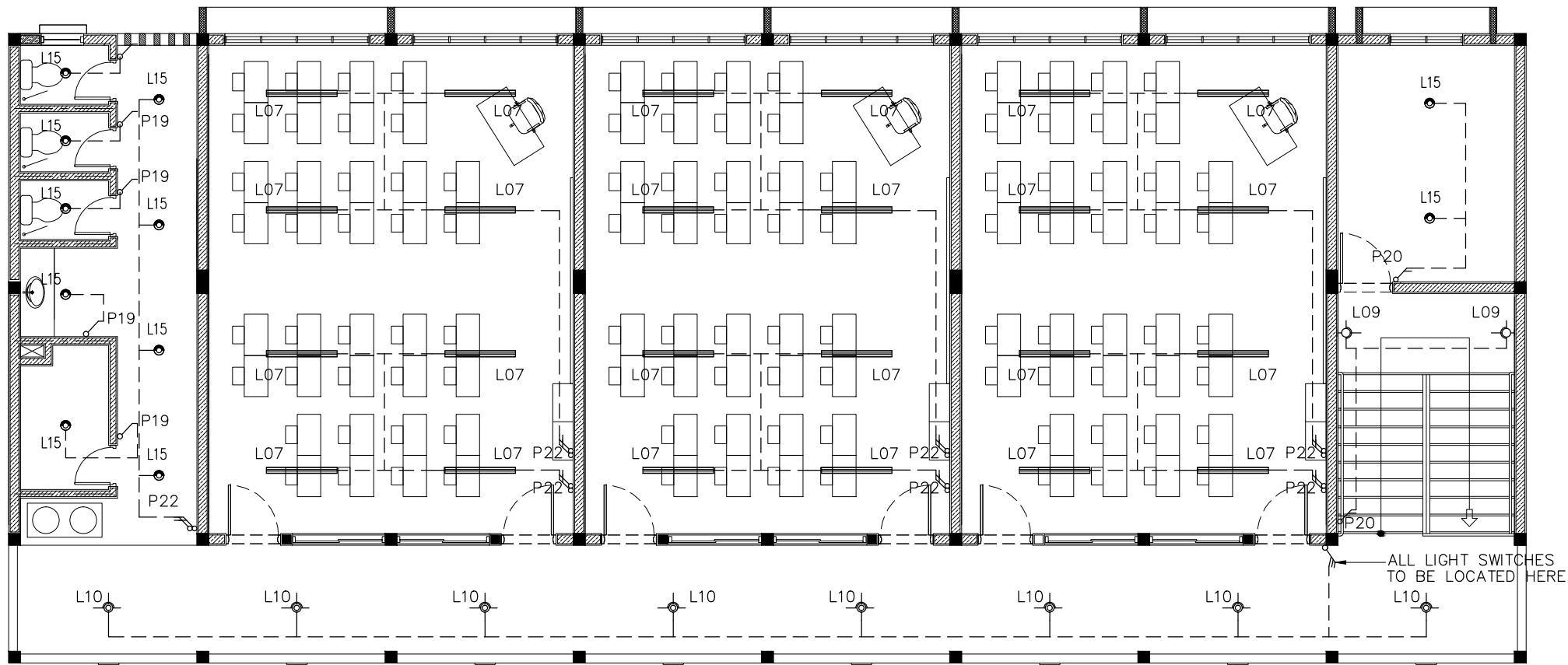
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: GAAFU ALIF MAAMENDHOO
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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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/2ND FLOOR LIGHTING LAYOUT
PLAN

SCALE 1:100

CONTRACTORS MUST
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DRAWINGS. FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	

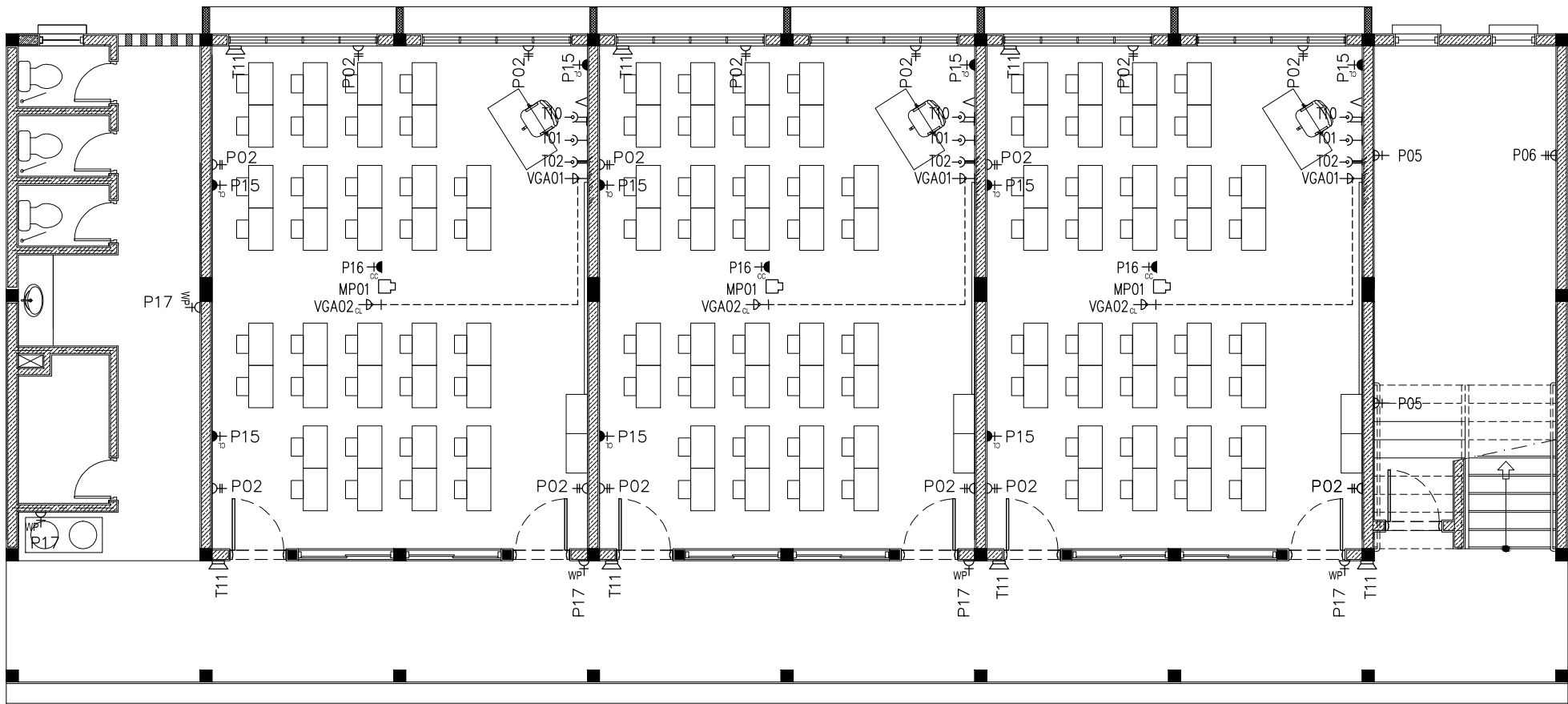
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

PROJECT:	PROPOSED 9 CLASS ROOM BLOCK
LOCATION:	GAAFU ALIF MAAMENDHOO
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

E-02

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
	P17	1 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL (WEATHER PROOF)
	VGA01	VGA CABLE

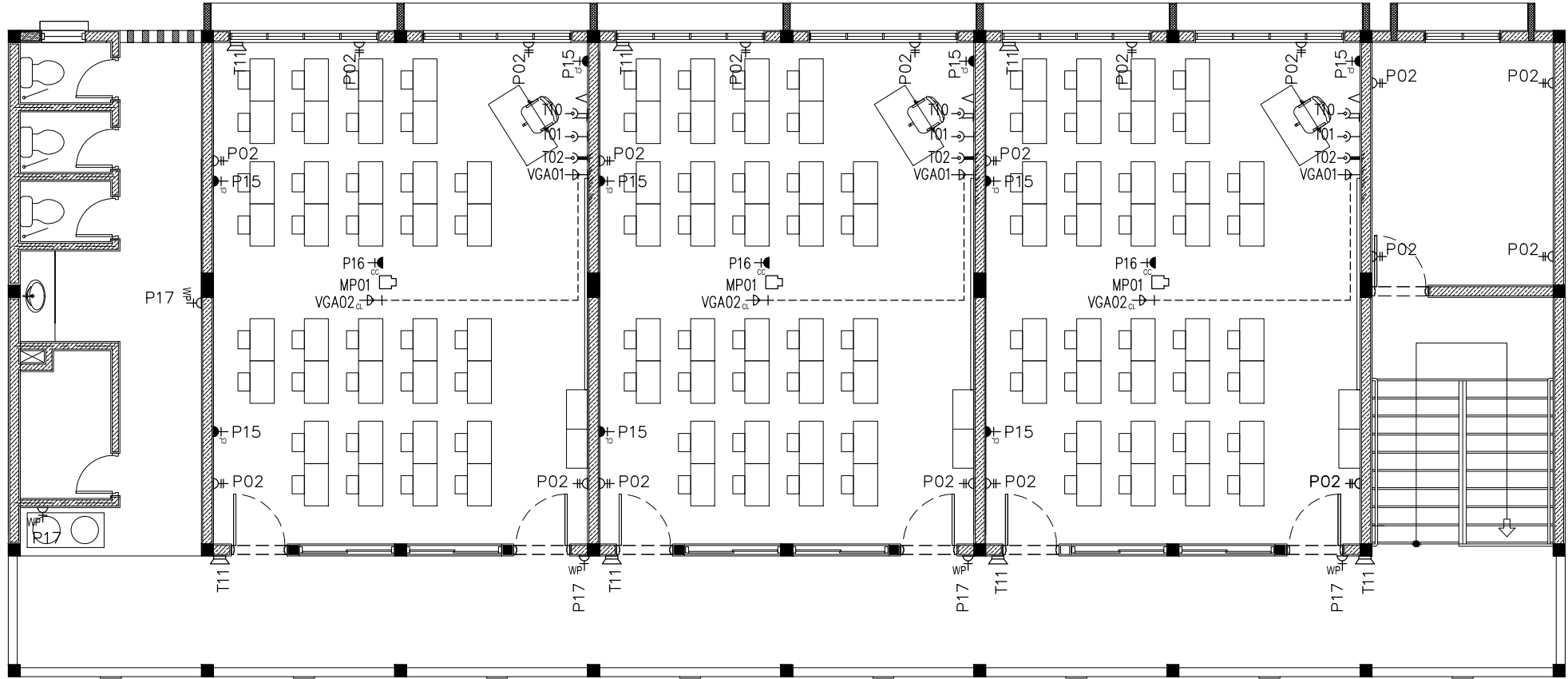
	VGA02	VGA CABLE AT CEILING LEVEL
	T01	PLAIN TELEPHONE OUTLET
	T02	COMPUTER NETWORK OUTLET
	MP01	MULTIMEDIA PROJECTOR
	T10	T.V POINT
	T11	SPEAKER

GROUND FLOOR POWER SOCKET 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 9 CLASS ROOM BLOCK	E-03
	ENGINEER: MOHAMED AHSAN	LOCATION: GAAFU ALIF MAAMENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
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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
	T01	PLAIN TELEPHONE OUTLET
	T02	COMPUTER NETWORK OUTLET
	MP01	MULTIMEDIA PROJECTOR
	T10	T.V POINT
	T11	SPEAKER

1ST/2ND FLOOR POWER SOCKET LAYOUT PLAN

SCALE 1:100

CONTRACTORS MUST
CHECK ALL
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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:

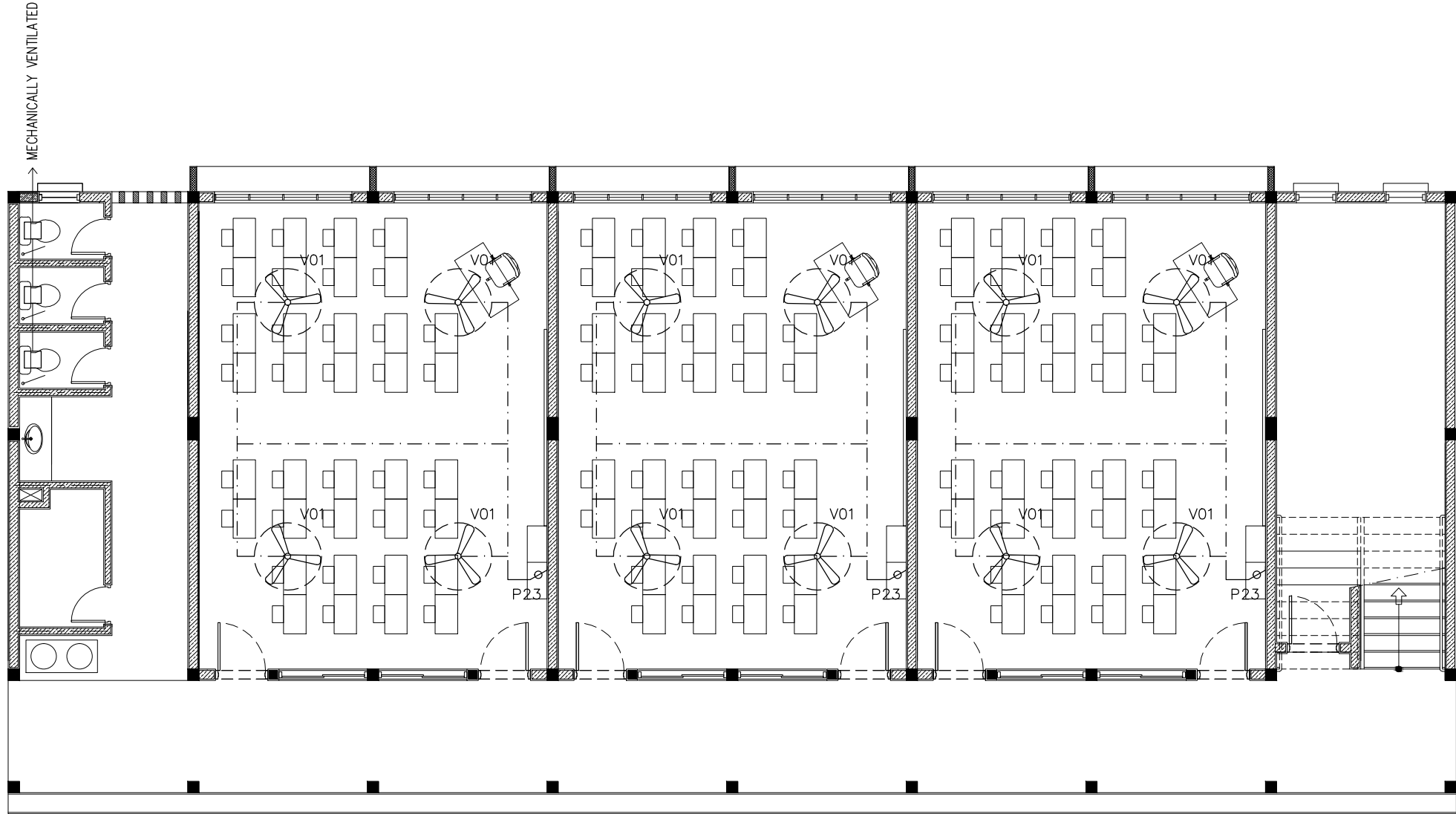
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: GAAFU ALIF MAAMENDHOO
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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LEGEND

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

GROUND FLOOR FAN LAYOUT PLAN
SCALE 1:100

CONTRACTORS MUST
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PRECEDENCE OVER
SCALE READINGS

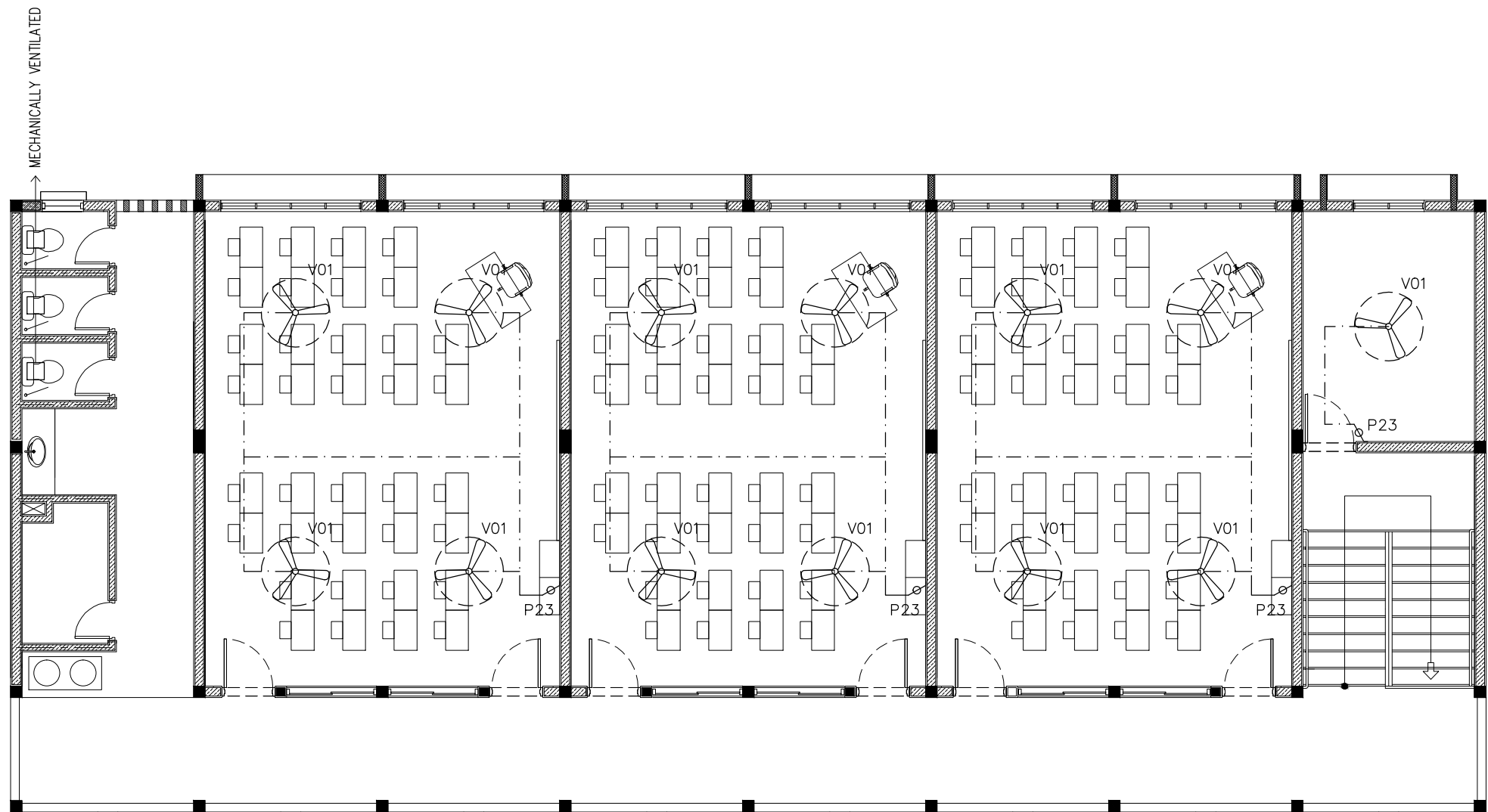


REVISION:	

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

PROJECT:	PROPOSED 9 CLASS ROOM BLOCK		
LOCATION:	GAAFU ALIF MAAMENDHOO		
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	MAY 2015

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



LEGEND

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

1ST/2ND FLOOR FAN LAYOUT PLAN
SCALE 1:100

CONTRACTORS MUST
CHECK ALL
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DRAWINGS. FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	

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

PROJECT:	PROPOSED 9 CLASS ROOM BLOCK
LOCATION:	GAAFU ALIF MAAMENDHOO
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

E-06
DWG NO
PROJECT NO.: 14-109

PROPOSED 06 CLASS ROOM BLOCK AT GAAFU ALIF MAAMENDHOO

(3 STOREY)

ENHANCING EDUCATION DEVELOPMENT PROJECT (EEDP)

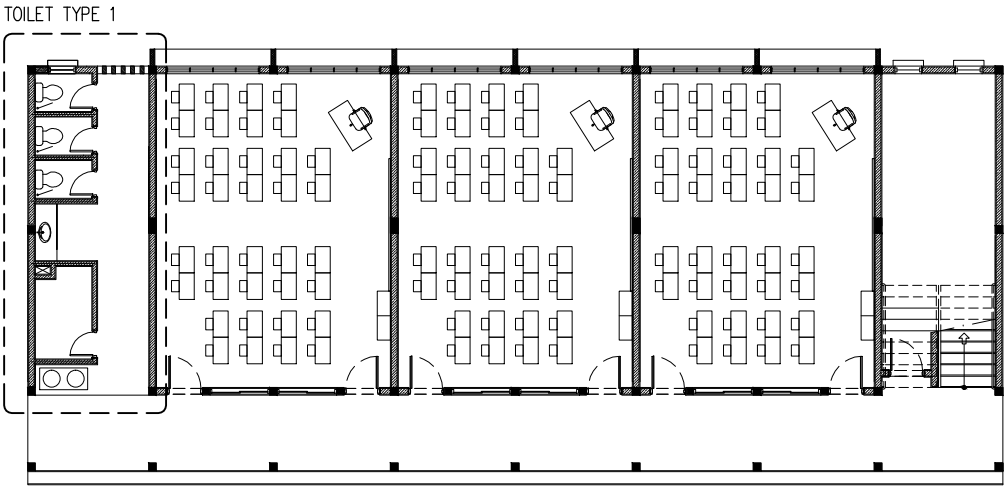
PLUMBING DRAWINGS

MAY 2015

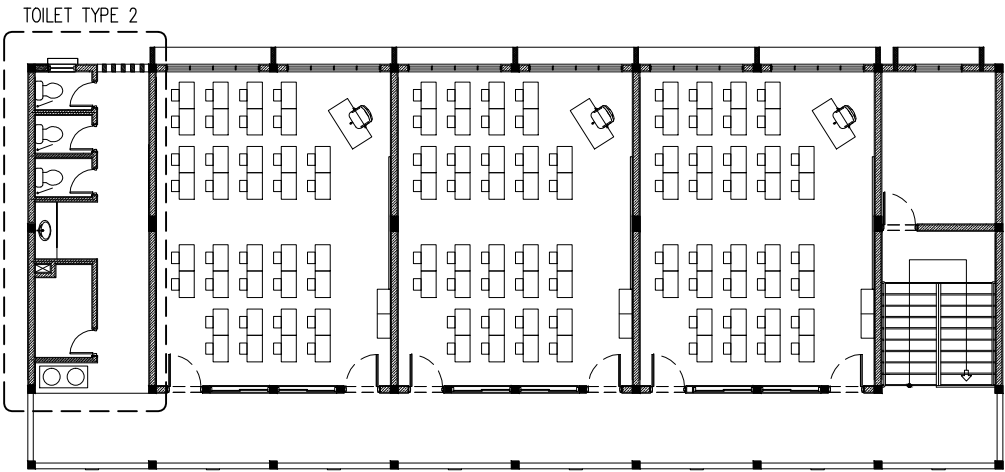
CLIENT : MINISTRY OF EDUCATION

DESIGN BY





GROUND FLOOR PLUMBING KEY PLAN
SCALE 1:100

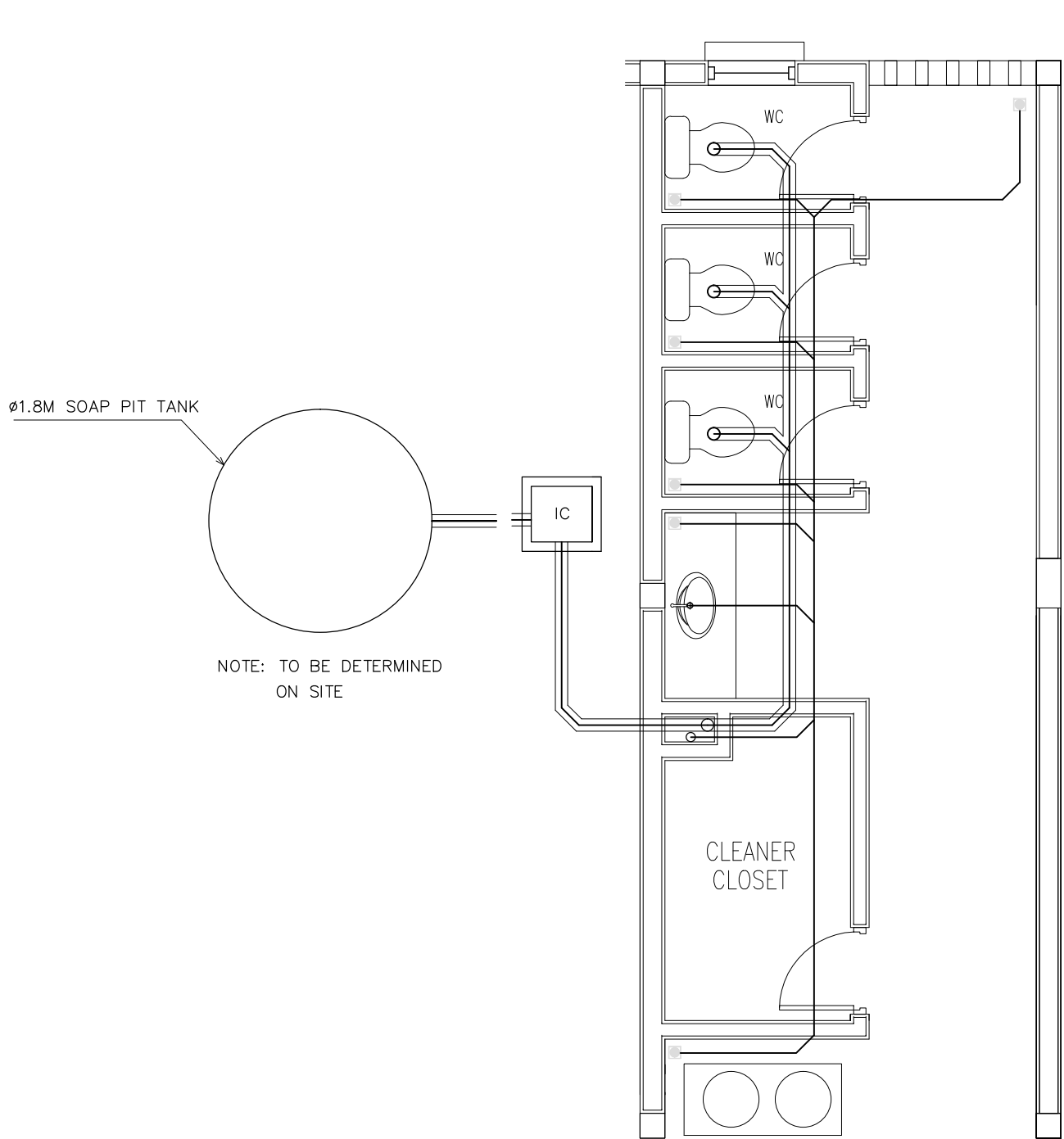


1ST/2ND FLOOR PLUMBING KEY PLAN
SCALE 1:100

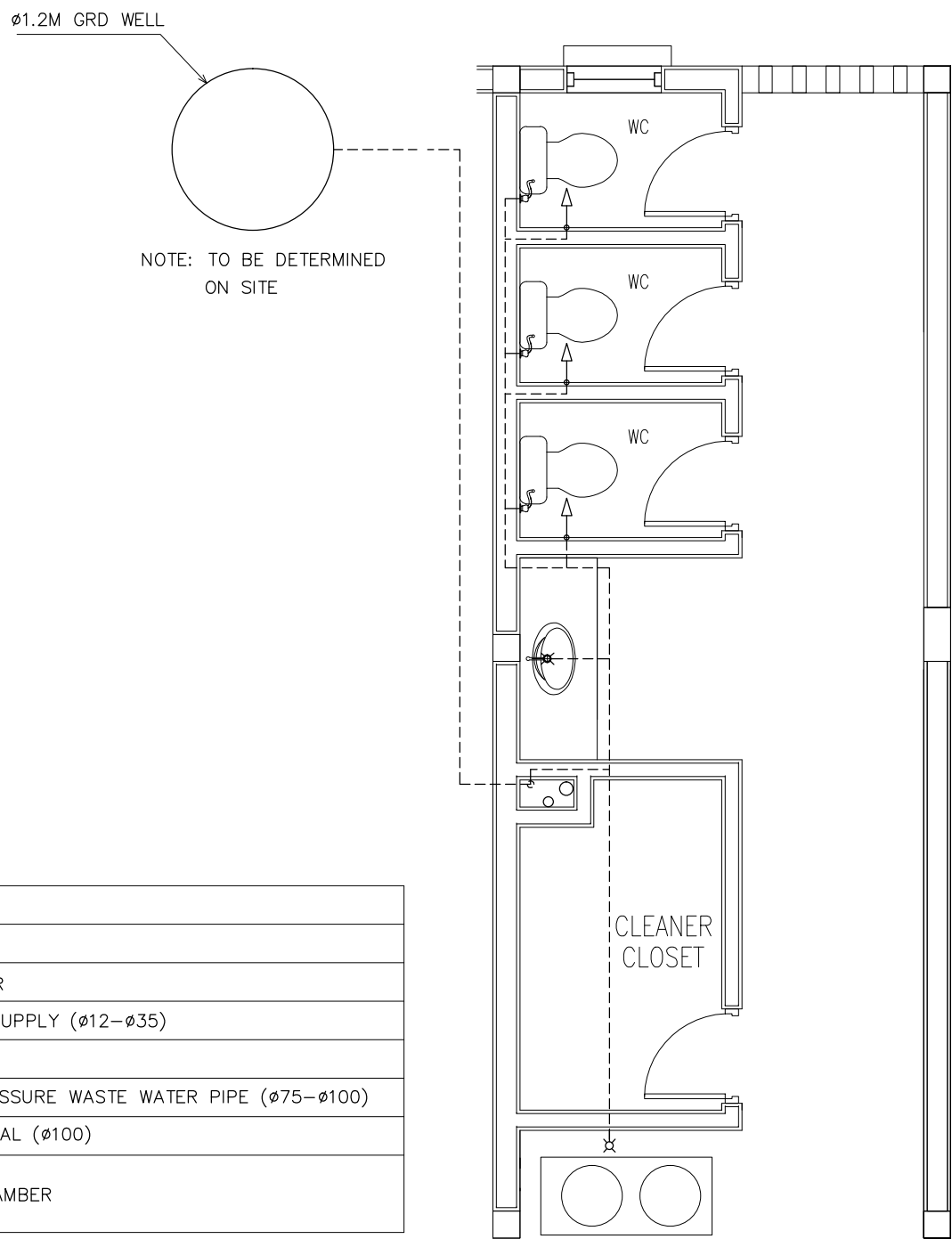
CONTRACTORS MUST
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DRAWINGS, FIGURED
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PRECEDENCE OVER
SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	P-01
	ENGINEER: MOHAMED AHSAN	LOCATION: GAAFU ALIF MAAMENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	
			DWNG NO
			PROJECT NO.: 14-109
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SEWAGE AND WASTE DISPOSAL
PLAN (TOILET TYPE 1)
SCALE 1:50



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

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

CONTRACTORS MUST
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DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:

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

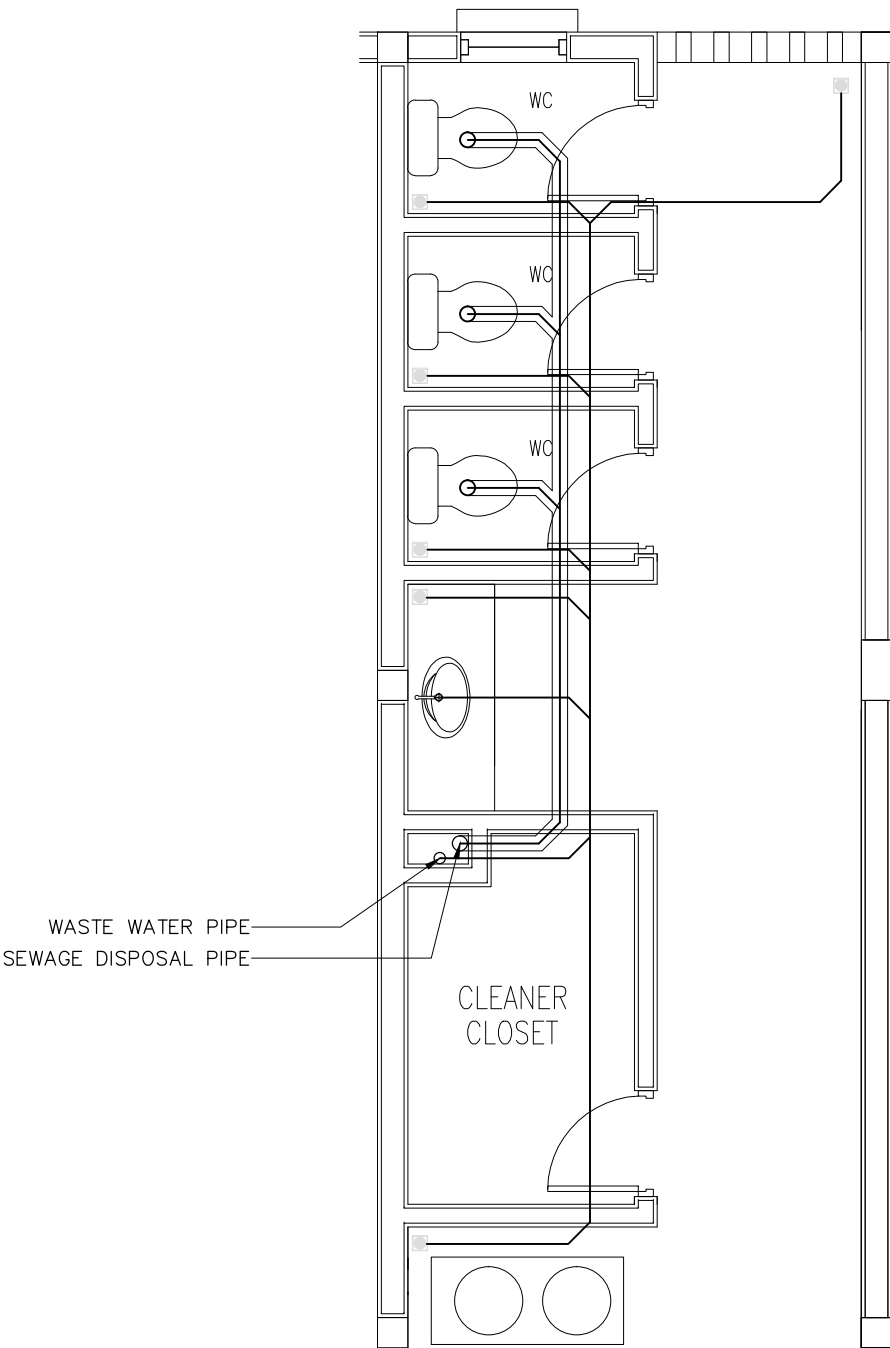
PROJECT:	PROPOSED 9 CLASS ROOM BLOCK		
LOCATION:	GAAFU ALIF MAAMENDHOO		
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	MAY 2015

P-02

DWG NO

PROJECT NO.: 14-109

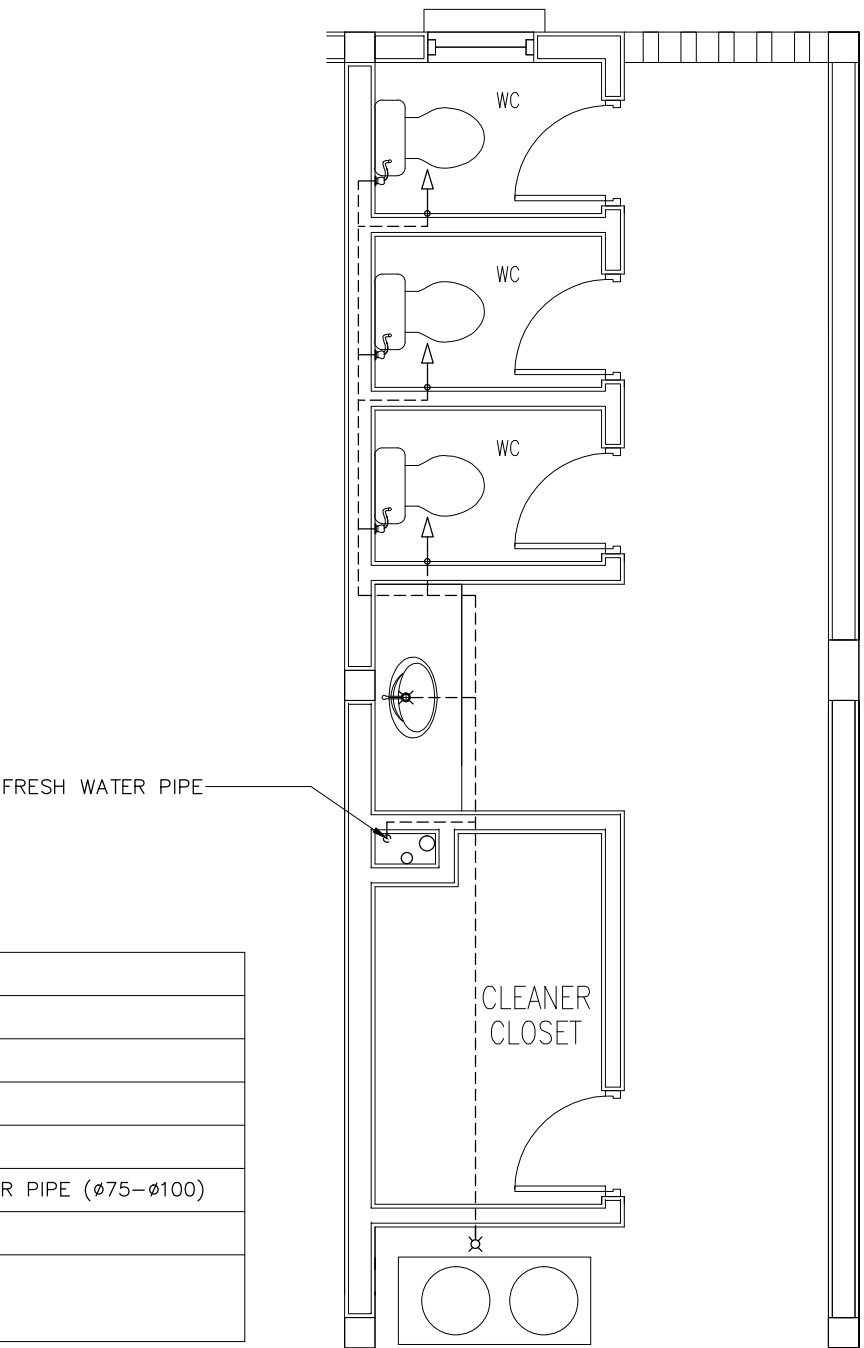
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SEWAGE AND WASTE DISPOSAL
PLAN (TOILET TYPE 1)
SCALE 1:50

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



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

CONTRACTORS MUST
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ANY WORK OR SHOP
DRAWINGS. FIGURED
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PRECEDENCE OVER
SCALE READINGS



REVISION:

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

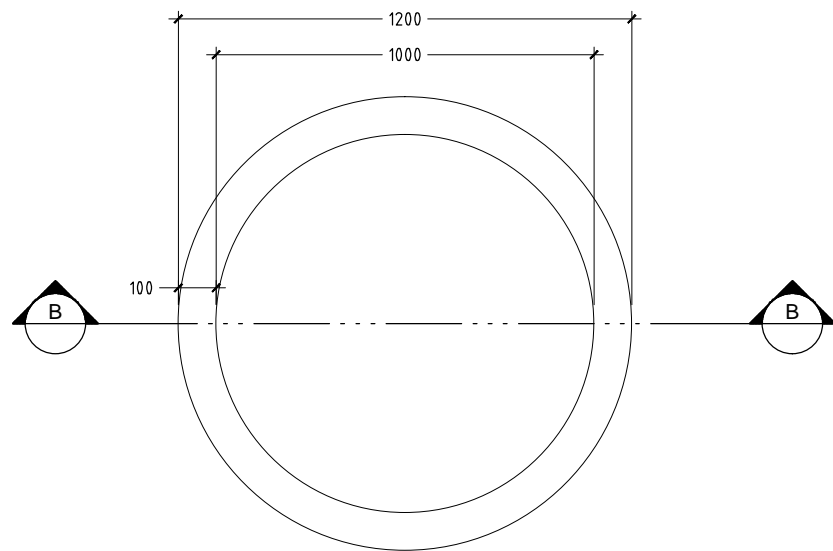
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LOCATION:	GAAFU ALIF MAAMENDHOO
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

P-03

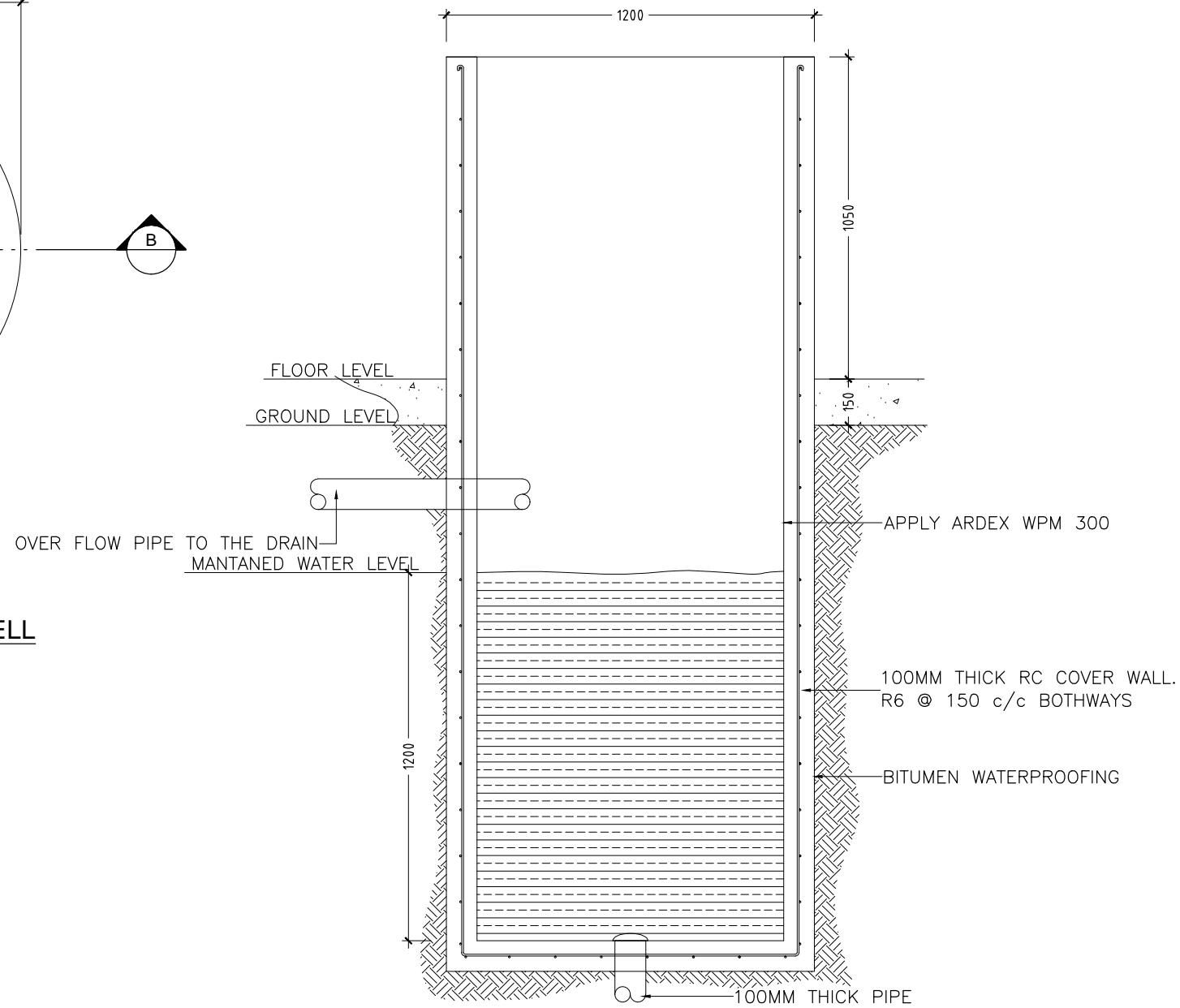
DWG NO

PROJECT NO.: 14-109

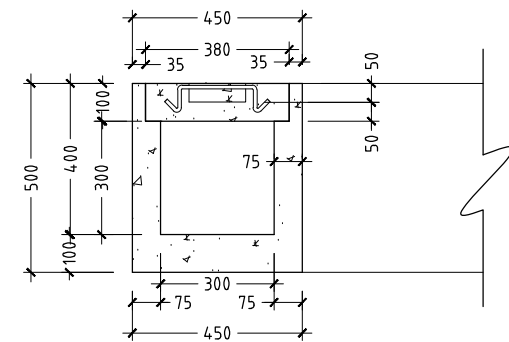
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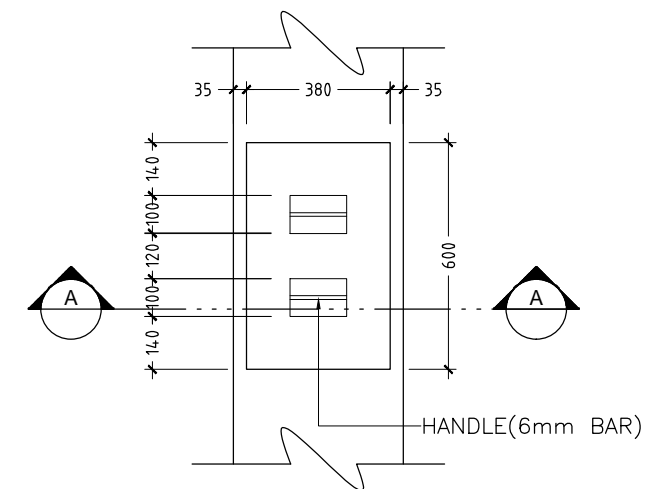
DETAIL B/ PLAN VIEW OF WELL
SCALE 1 : 20



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



DETAIL A/ SECTION A-A
SCALE 1 : 20

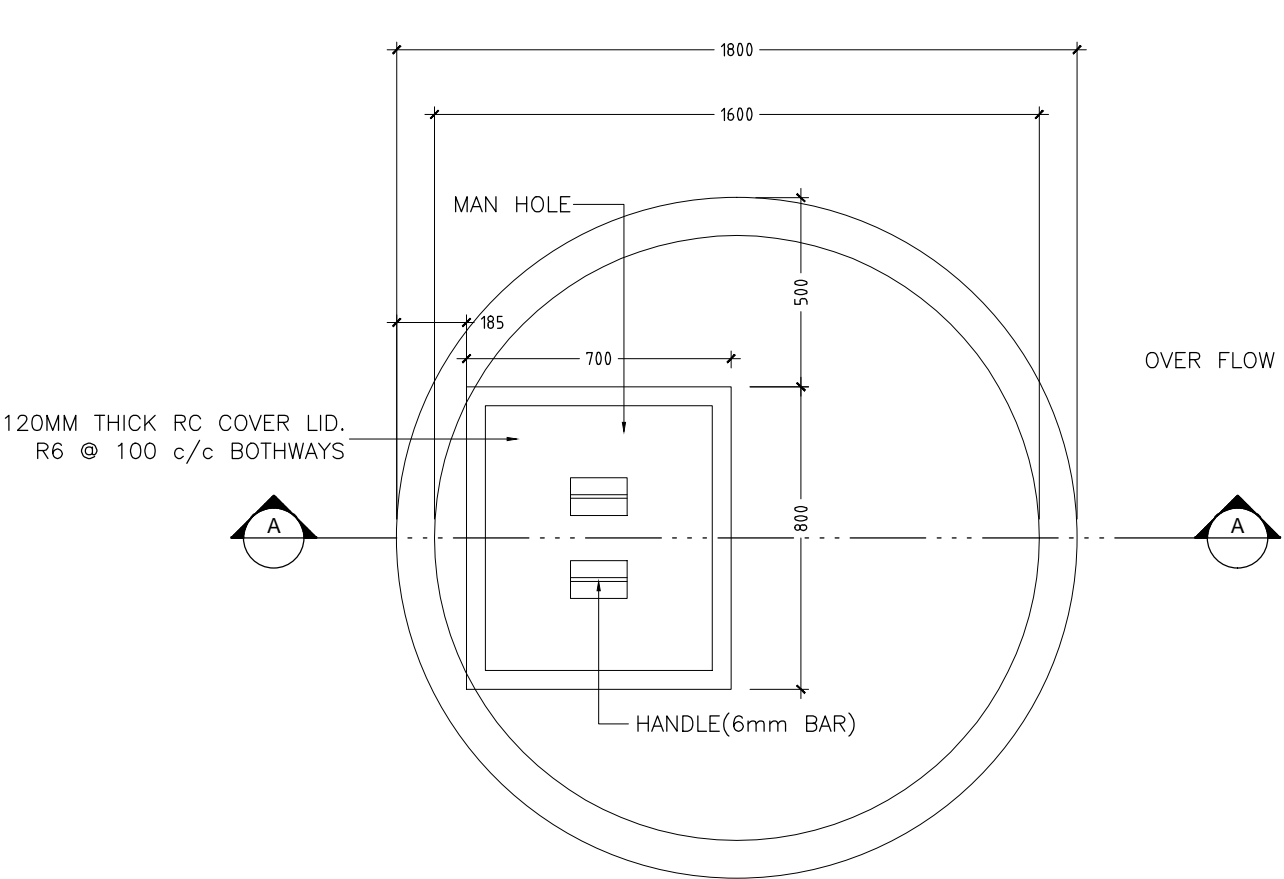


DETAIL A / PLAN VIEW OF INSPECTION POINT
SCALE 1 : 20

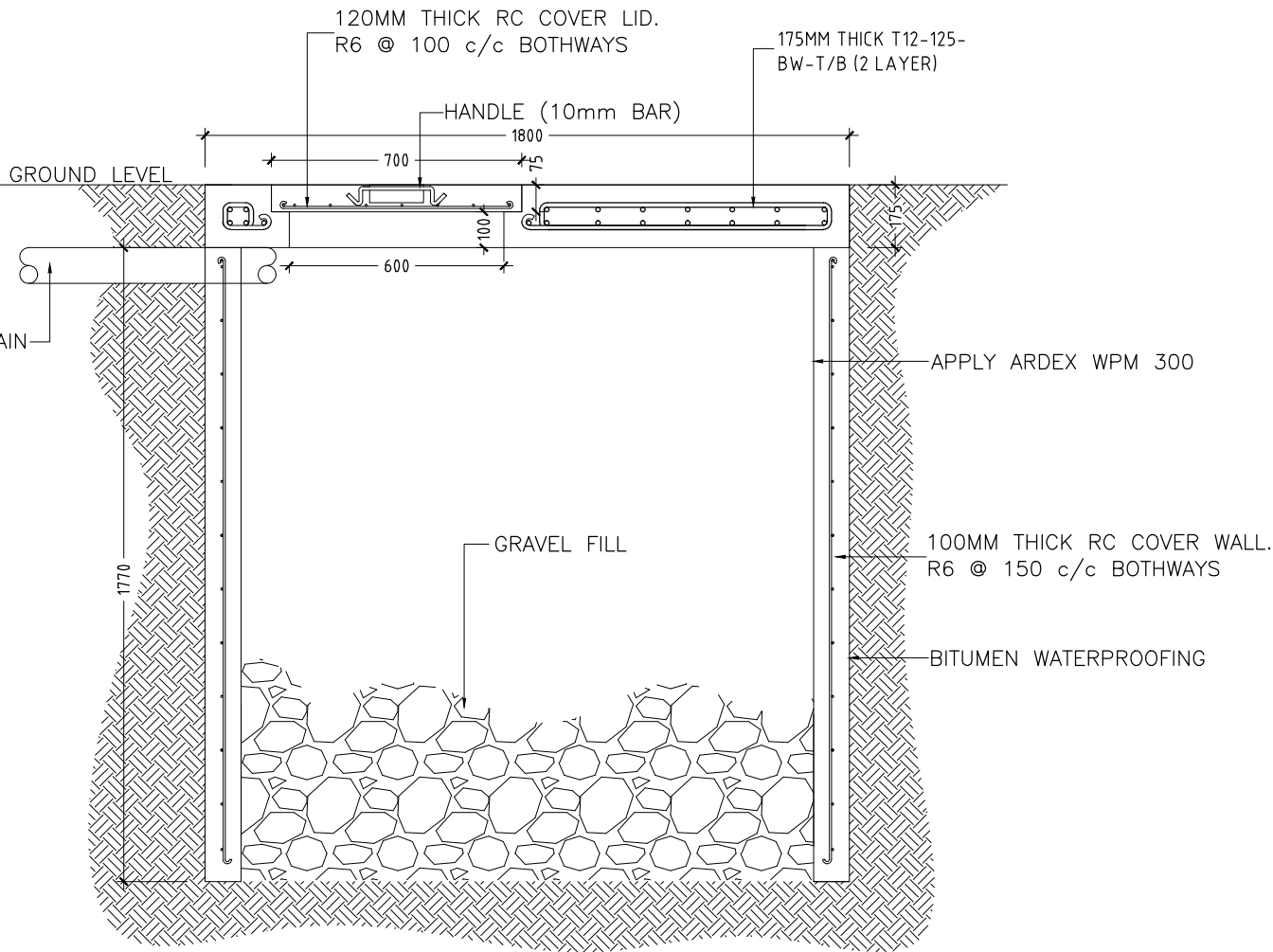
CONTRACTORS MUST
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DRAWINGS, FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	P-04
	ENGINEER: MOHAMED AHSAN	LOCATION: GAAFU ALIF MAAMENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
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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
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DRAWINGS, FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	PROPOSED 9 CLASS ROOM BLOCK		P-05
	ENGINEER:	MOHAMED AHSAN	LOCATION:	GAAFU ALIF MAAMENDHOO		
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN		
	ESTIMATOR:		CLIENT:	MINISTRY OF EDUCATION		
	DRAWN BY:	ASFAN AHMED	SCALE: AS GIVEN	DIMENSION: MM	DATE: MAY 2015	
						DWG NO
						PROJECT NO.: 14-109
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PROPOSED 06 CLASS ROOM BLOCK AT GAAFU ALIF MAAMENDHOO

(3 STOREY)

ENHANCING EDUCATION DEVELOPMENT PROJECT (EEDP)

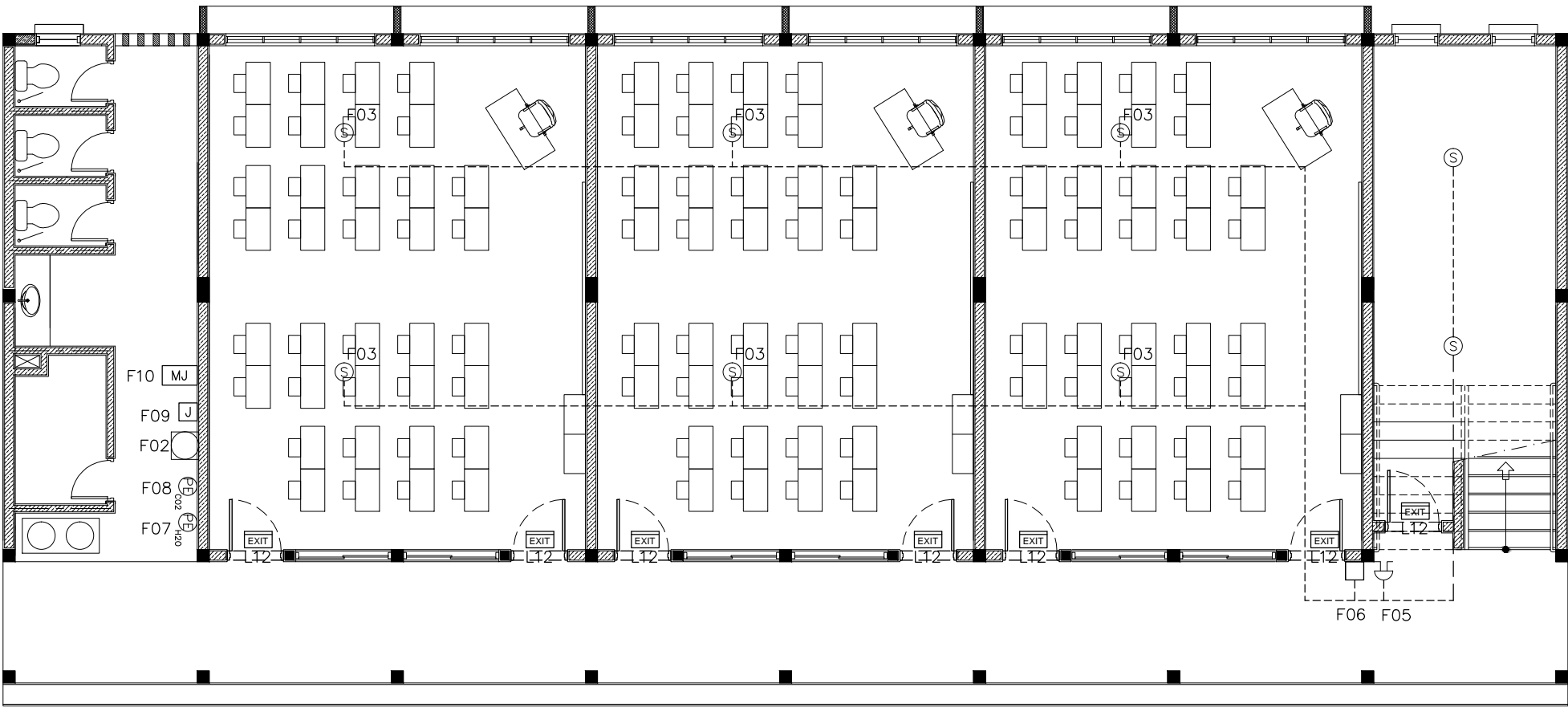
FIRE SAFETY DRAWINGS

MAY 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



LEGEND

SYMBOL	CODE	DESCRIPTION
<div>FB</div>	F00	FIRE BLANKET
<div></div>	F02	BREAK GLASS MANUAL CALL POINT
<div>S</div>	F03	SMOKE DETECTOR
<div>H</div>	F05	FIRE ALARM BELL
<div>PE_{H2O}</div>	F07	PORTABLE EXTINGUISHER (H2O)
<div>PE_{CO2}</div>	F08	PORTABLE EXTINGUISHER (CO2)
<div>EXIT</div>	F12	EXIT SIGN

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

GROUND FLOOR FIRE SAFETY 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 9 CLASS ROOM BLOCK	F-01
	ENGINEER: MOHAMED AHSAN	LOCATION: GAAFU ALIF MAAMENDHOO	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
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LEGEND

SYMBOL	CODE	DESCRIPTION
	F00	FIRE BLANKET
	F02	BREAK GLASS MANUAL CALL POINT
	F03	SMOKE DETECTOR
	F05	FIRE ALARM BELL
	F07	PORTABLE EXTINGUISHER (H2O)
	F08	PORTABLE EXTINGUISHER (CO2)
	F12	EXIT SIGN

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

1ST/2ND FLOOR FIRE SAFETY LAYOUT PLAN
SCALE 1:100

CONTRACTORS MUST
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DRAWINGS. FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:

ARCHITECT:	MOHAMED HAMEEN	PROJECT:	PROPOSED 9 CLASS ROOM BLOCK	F-02
ENGINEER:	MOHAMED AHSAN	LOCATION:	GAAFU ALIF MAAMENDHOO	
SERVICES ENG:		DRAWING TITLE:	AS GIVEN	
ESTIMATOR:		CLIENT:	MINISTRY OF EDUCATION	
DRAWN BY:	ASFAN AHMED	SCALE:	AS GIVEN	
			DIMENSION: MM	DATE: MAY 2015
			PROJECT NO.: 14-109	

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