

**PROPOSED 09 CLASS ROOM BLOCK AT
HDH.VAIKARADHOO
HDH. ATOLL SCHOOL
(3 STOREY)**

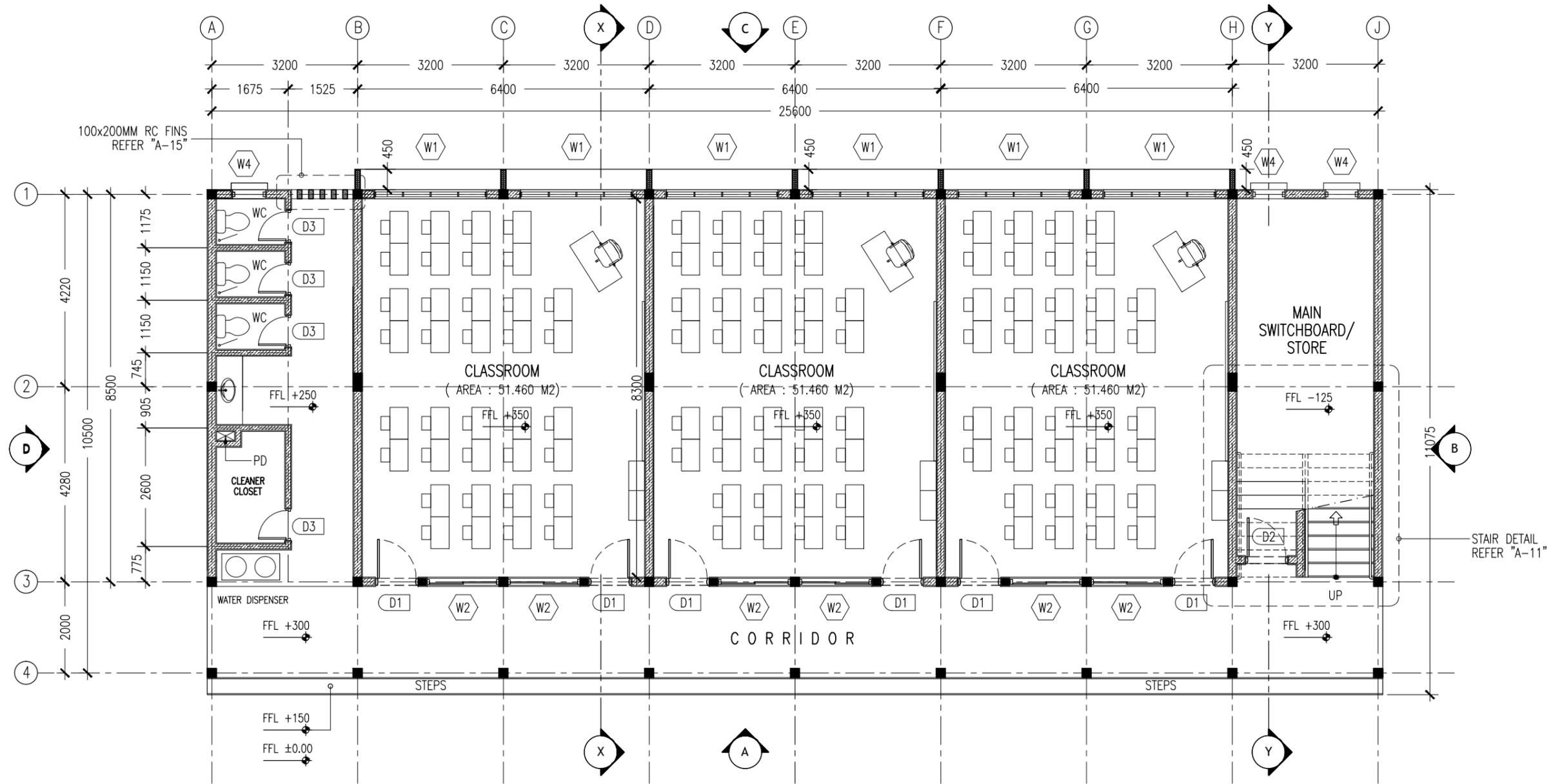
ARCHITECTURAL AND STRUCTURAL DRAWINGS

FEBRUARY 2016

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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



KEY /LEGEND NOTES

	BLOCK MASONRY WALL
	150MM THK RC WALL 850MM HIGH

GROUND FLOOR LAYOUT PLAN

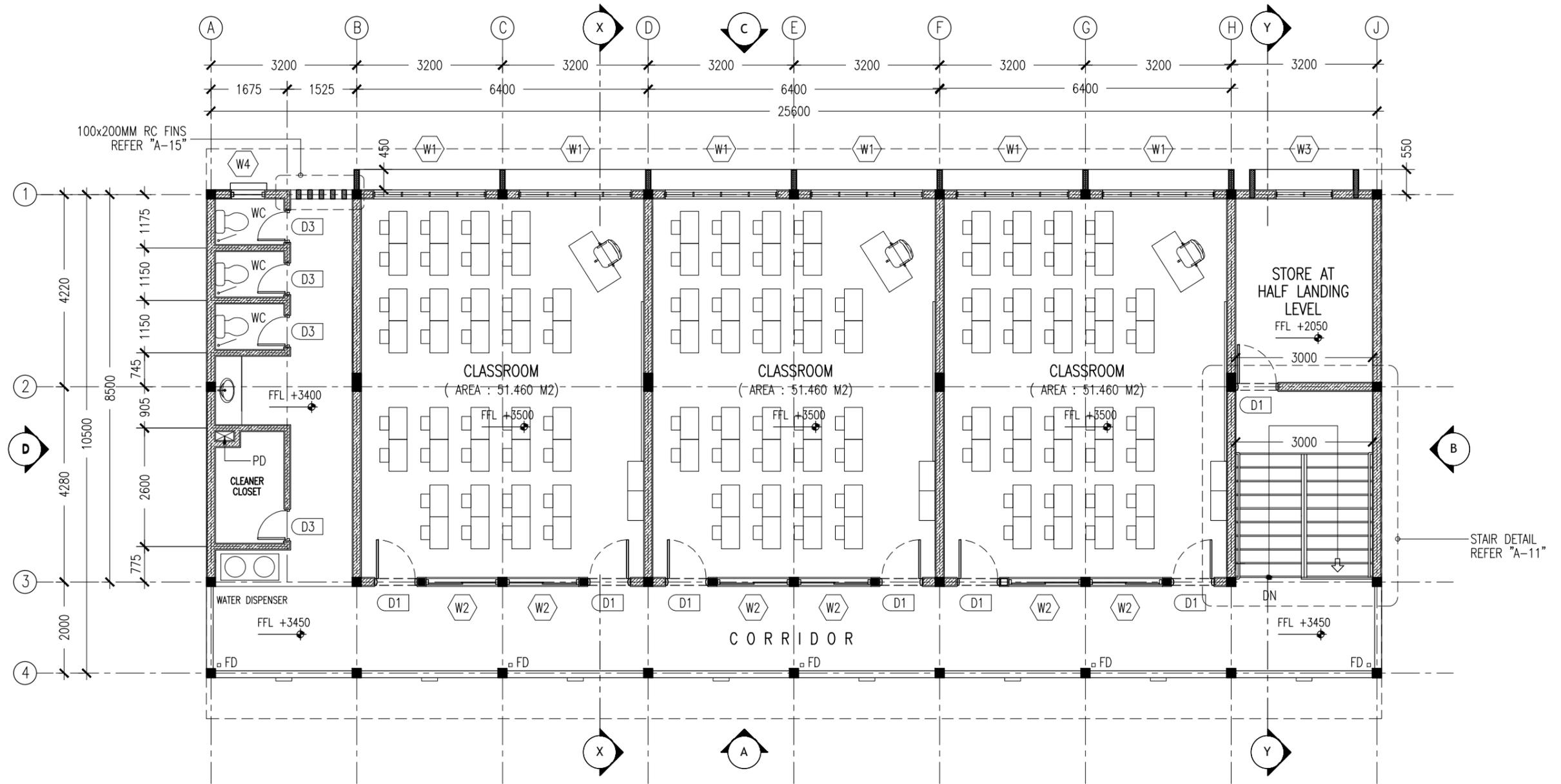
SCALE 1:100

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



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	<p>A-01</p> <p>DWG NO</p> <p>PROJECT NO.: 15-041</p>
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH, VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	

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KEY /LEGEND NOTES

	BLOCK MASONRY WALL
	150MM THK RC WALL 850MM HIGH
FD	FLOOR DRAIN

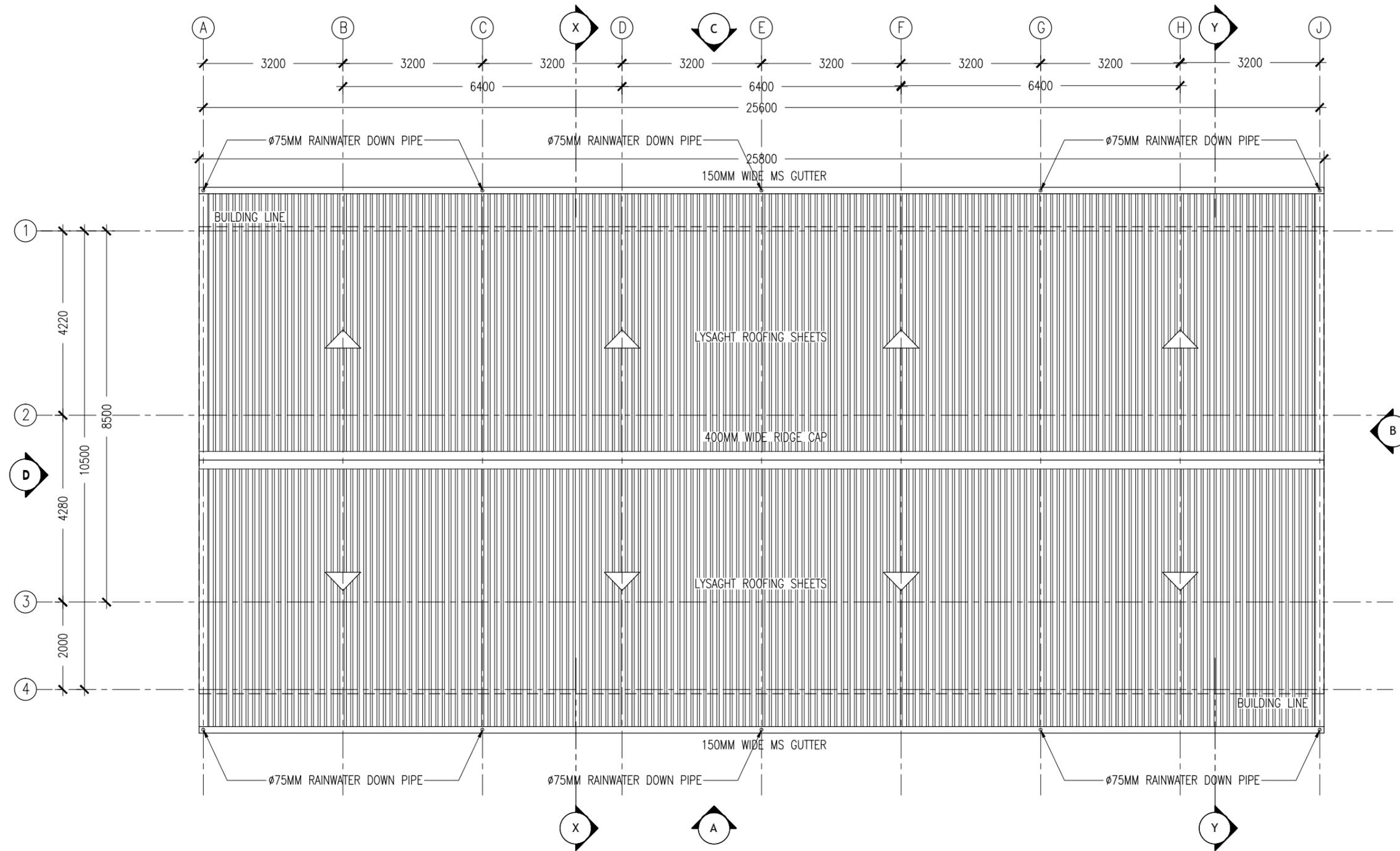
1ST/2ND FLOOR LAYOUT PLAN
SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	<p>A-02</p> <p>DWG NO</p> <p>PROJECT NO.: 15-041</p>
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	

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ROOF LAYOUT PLAN
SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-03 DWG NO
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
			PROJECT NO.: 15-041

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ELEVATION - A
SCALE 1:100

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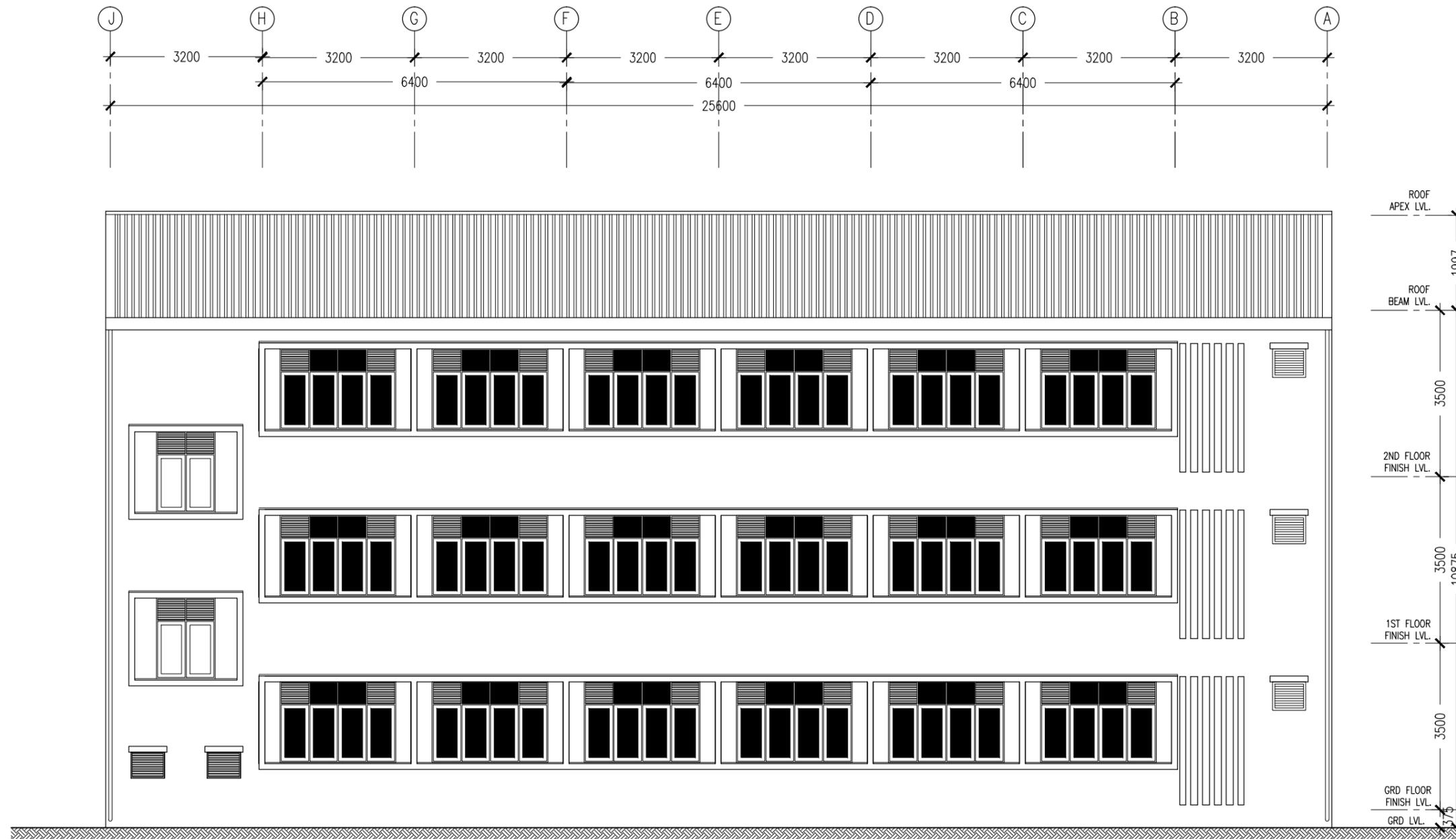
REVISION:	

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

PROJECT:	PROPOSED 9 CLASS ROOM BLOCK		
LOCATION:	HDH. VAIKARADHOO, HDH ATOLL SCHOOL		
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	FEBRUARY 2016

A-04
DWG NO
PROJECT NO.: 15-041

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ELEVATION - B
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

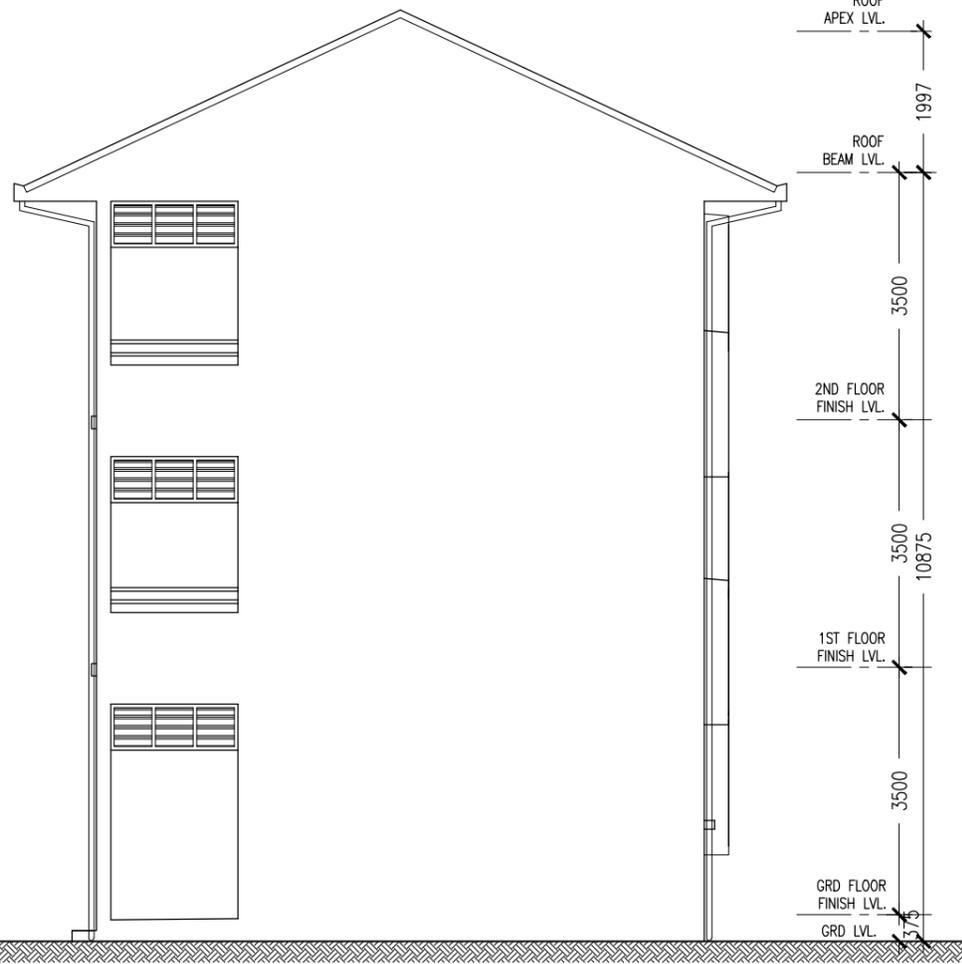
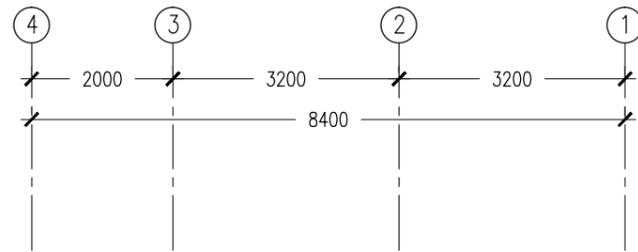
PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN

DIMENSION: MM	DATE: FEBRUARY 2016
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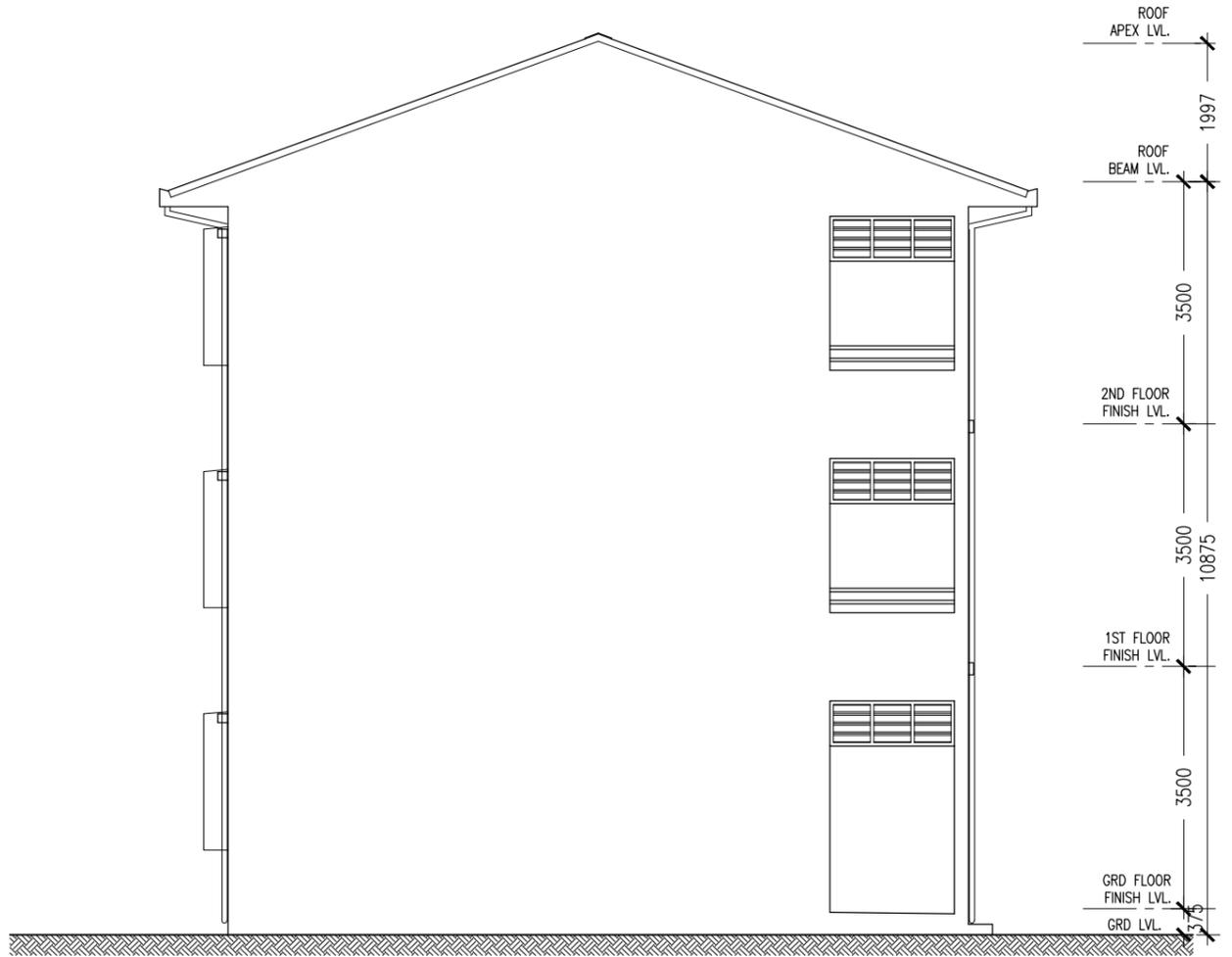
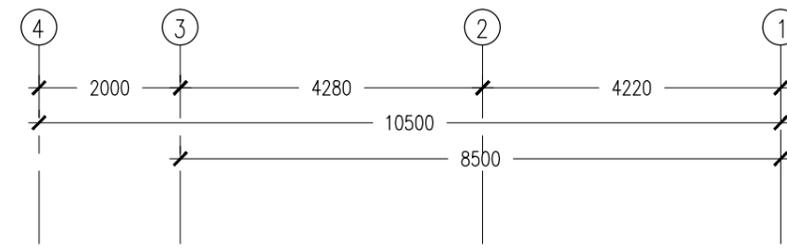
PROJECT NO.: 15-041

A-05

DWG NO



ELEVATION - C
SCALE 1:100

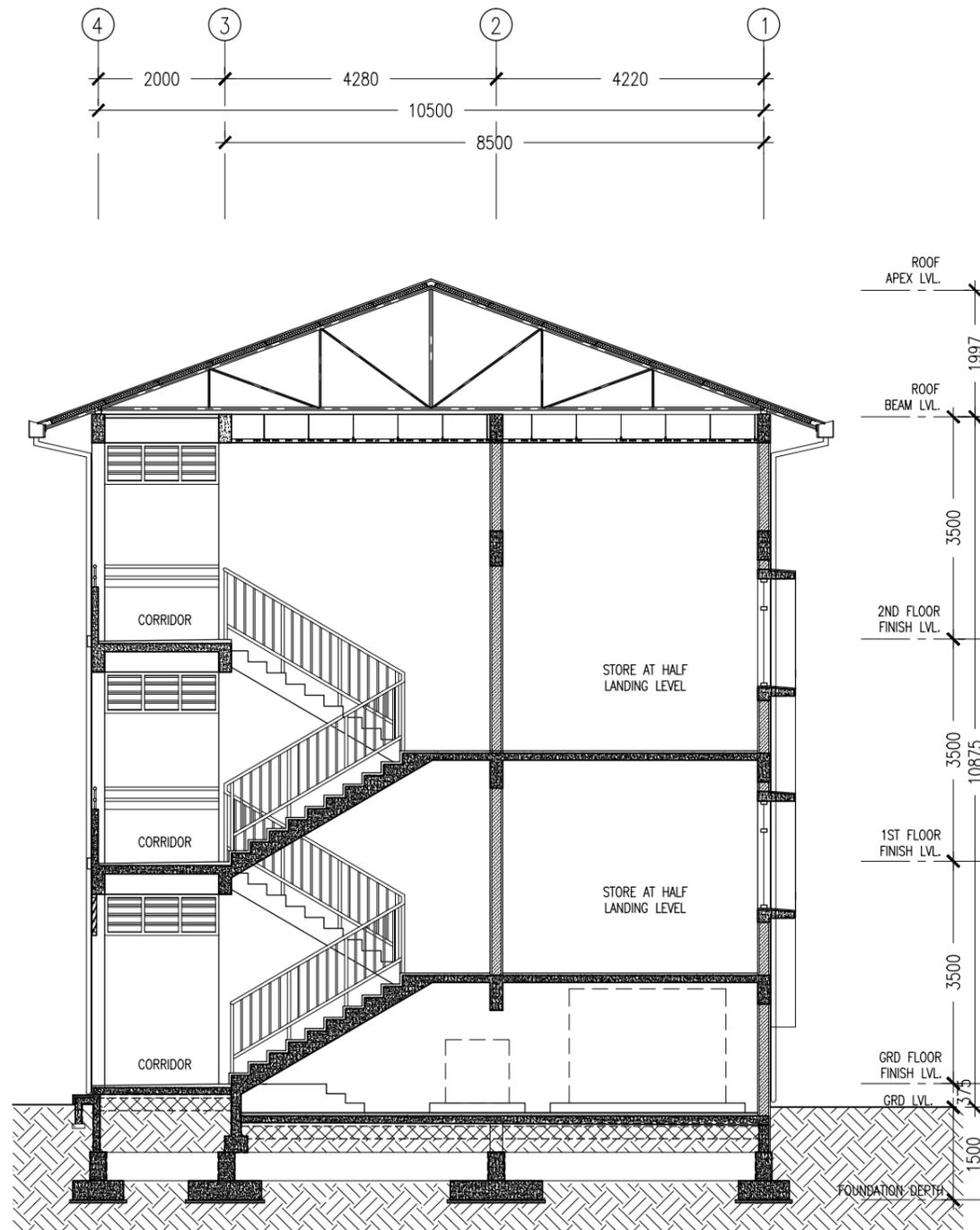


ELEVATION - D
SCALE 1:100

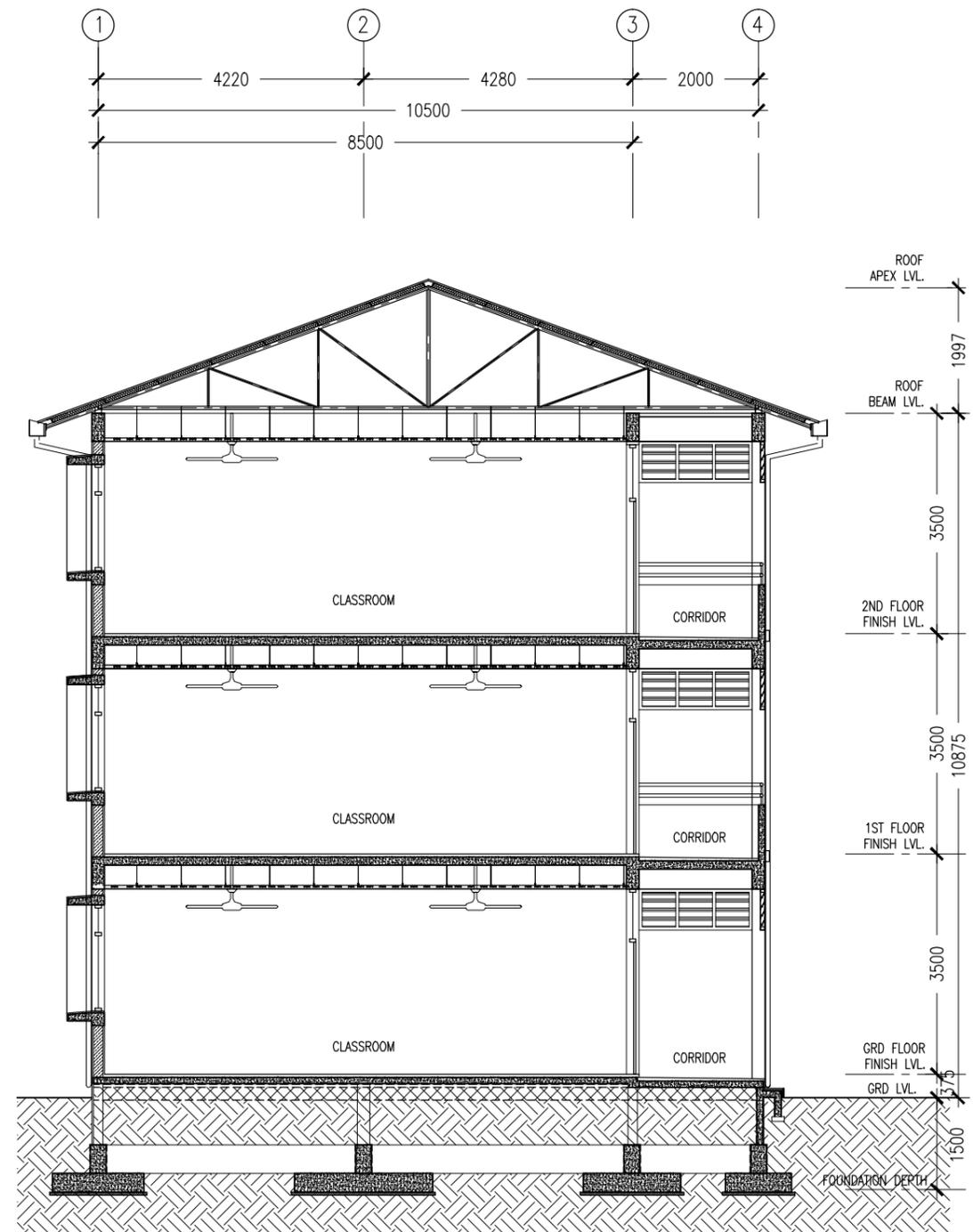
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-06
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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SECTION X-X
SCALE 1:100

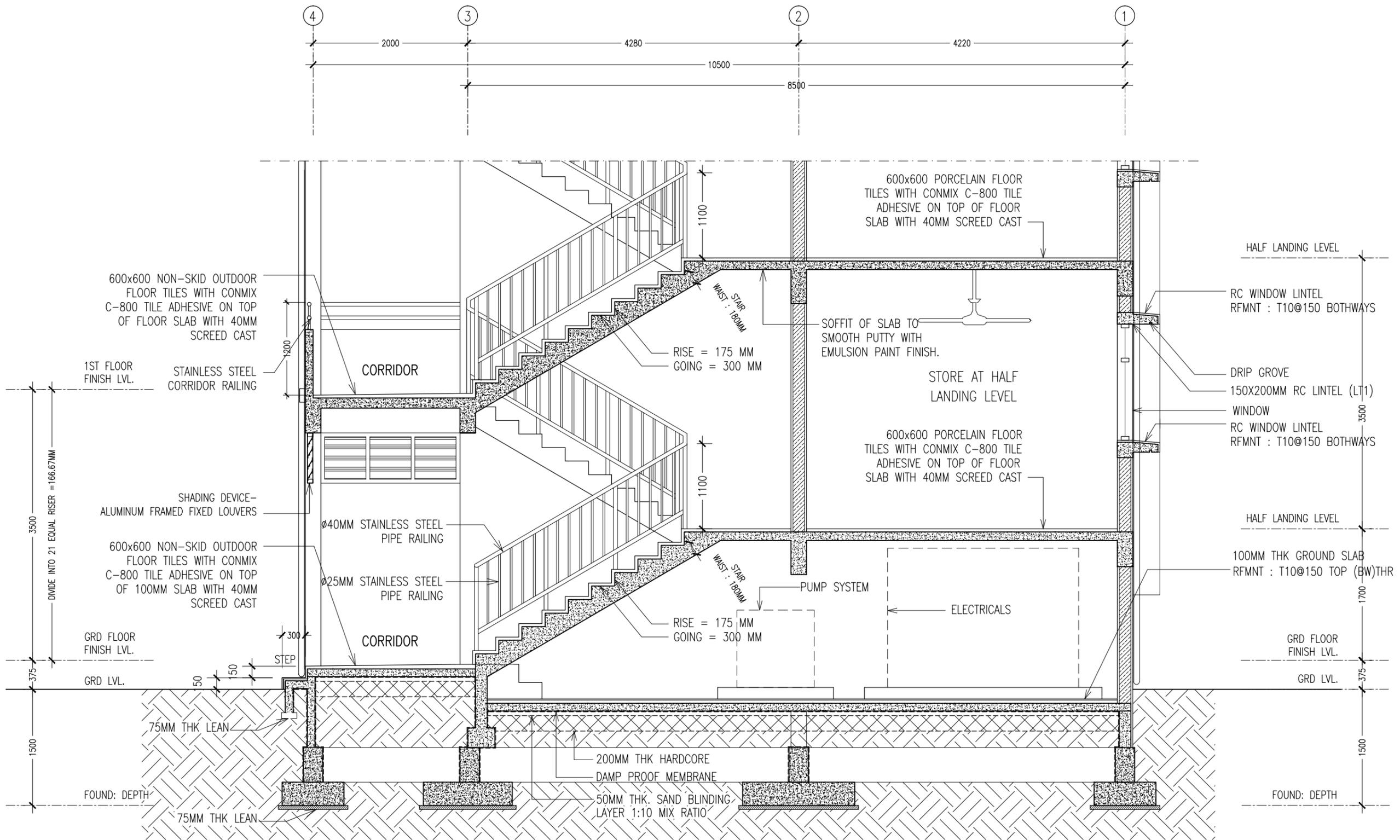


SECTION Y-Y
SCALE 1:100

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	A-07 DWG NO PROJECT NO.: 15-041
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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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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DIMENSIONS TO TAKE
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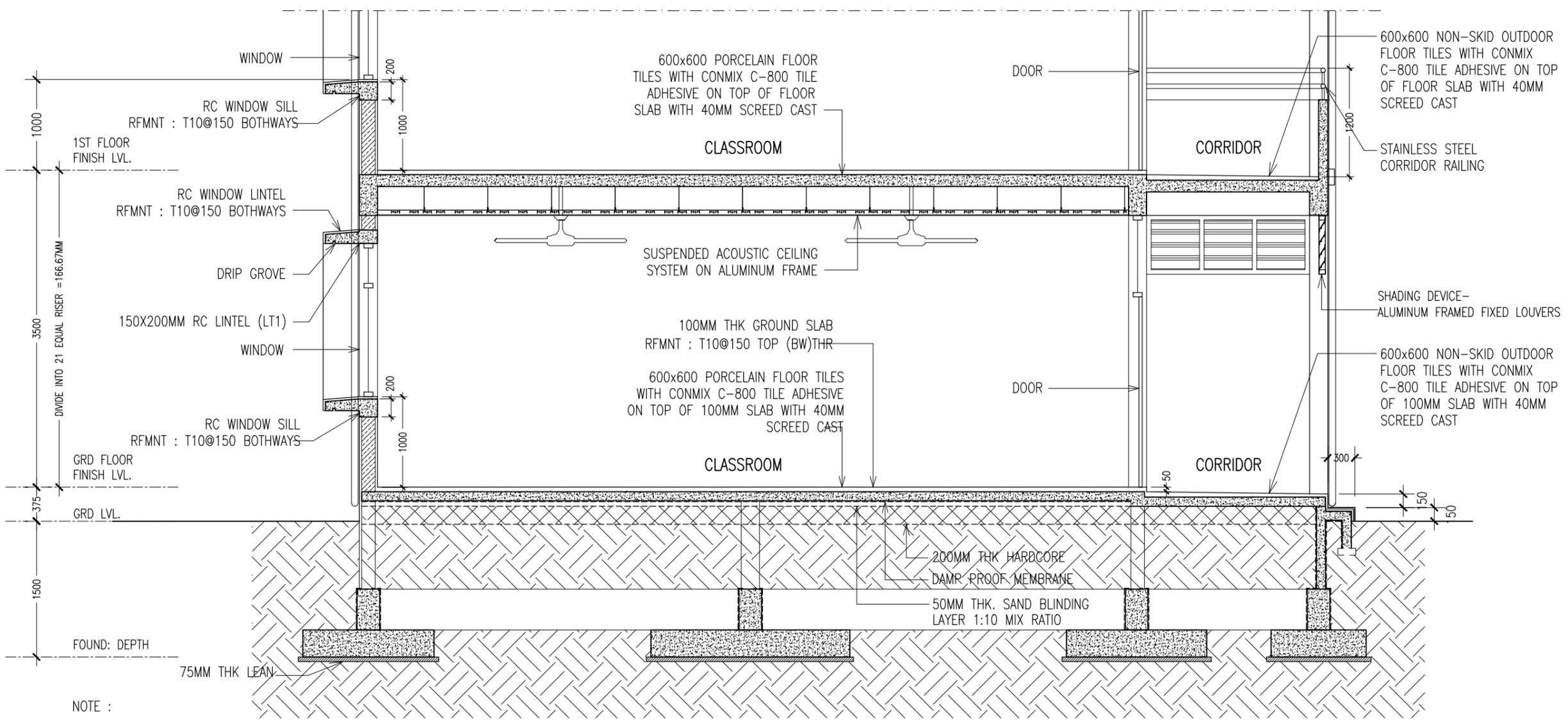
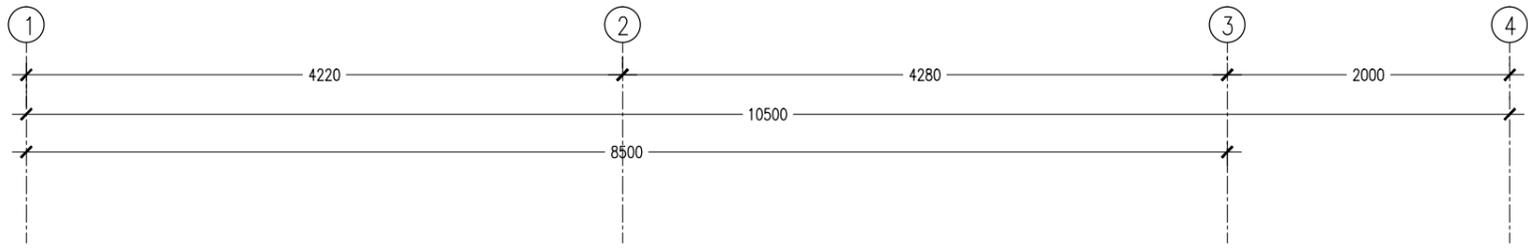


REVISION:	ARCHITECT: MOHAMED HAMEEN
	ENGINEER: MOHAMED AHSAN
	SERVICES ENG: AS GIVEN
	ESTIMATOR:
	DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN
DIMENSION: MM
DATE: FEBRUARY 2016

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN
DIMENSION: MM
DATE: FEBRUARY 2016

A-08
DWG NO
PROJECT NO.: 15-041



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 Y-Y
SCALE 1:50

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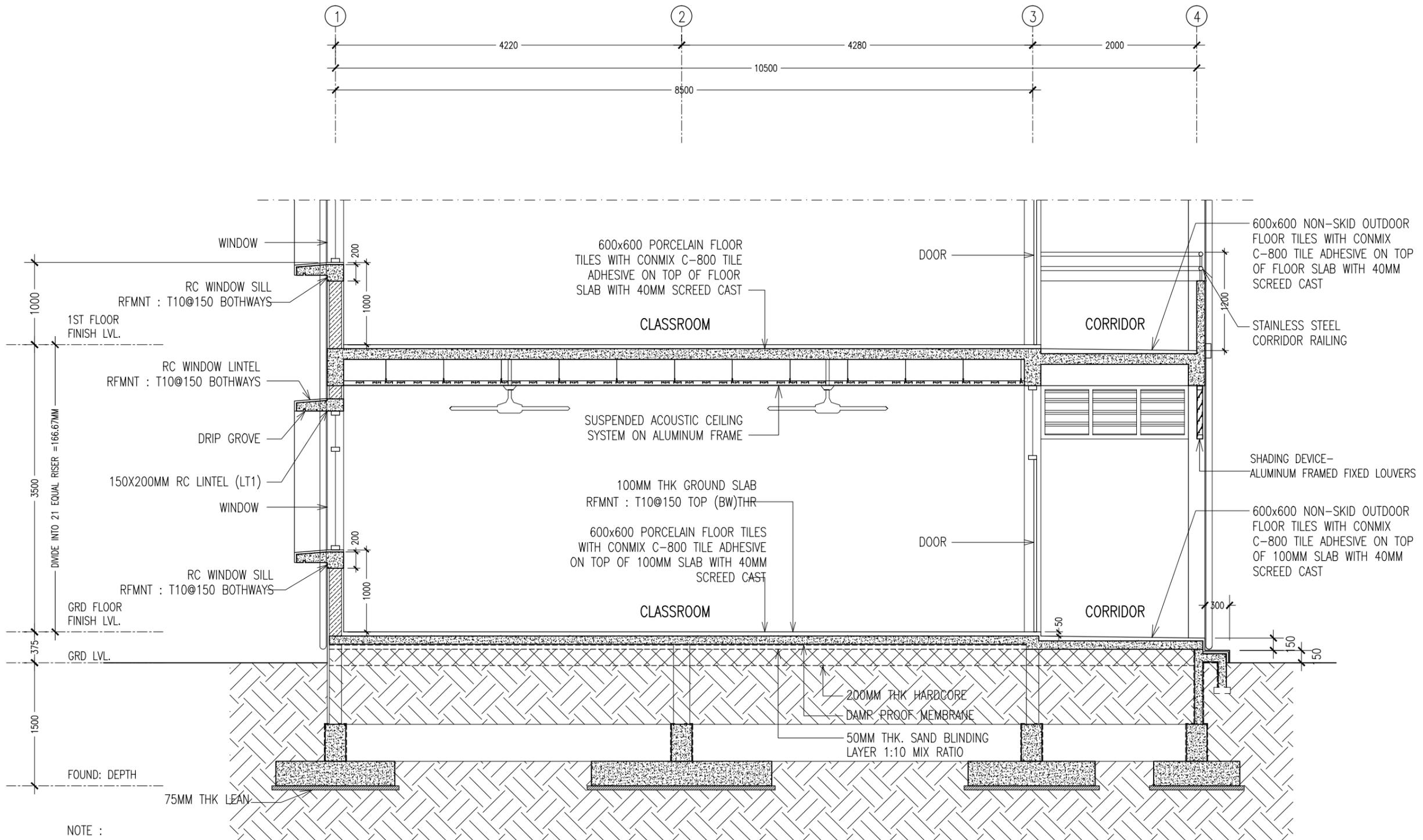


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
	SERVICES ENG:	DRAWING TITLE: AS GIVEN
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN

DIMENSION: MM	DATE: FEBRUARY 2016
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A-10
DWG NO
PROJECT NO.: 15-041

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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 Y-Y

SCALE 1:50

CONTRACTORS MUST
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SCALE READINGS



REVISION:

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

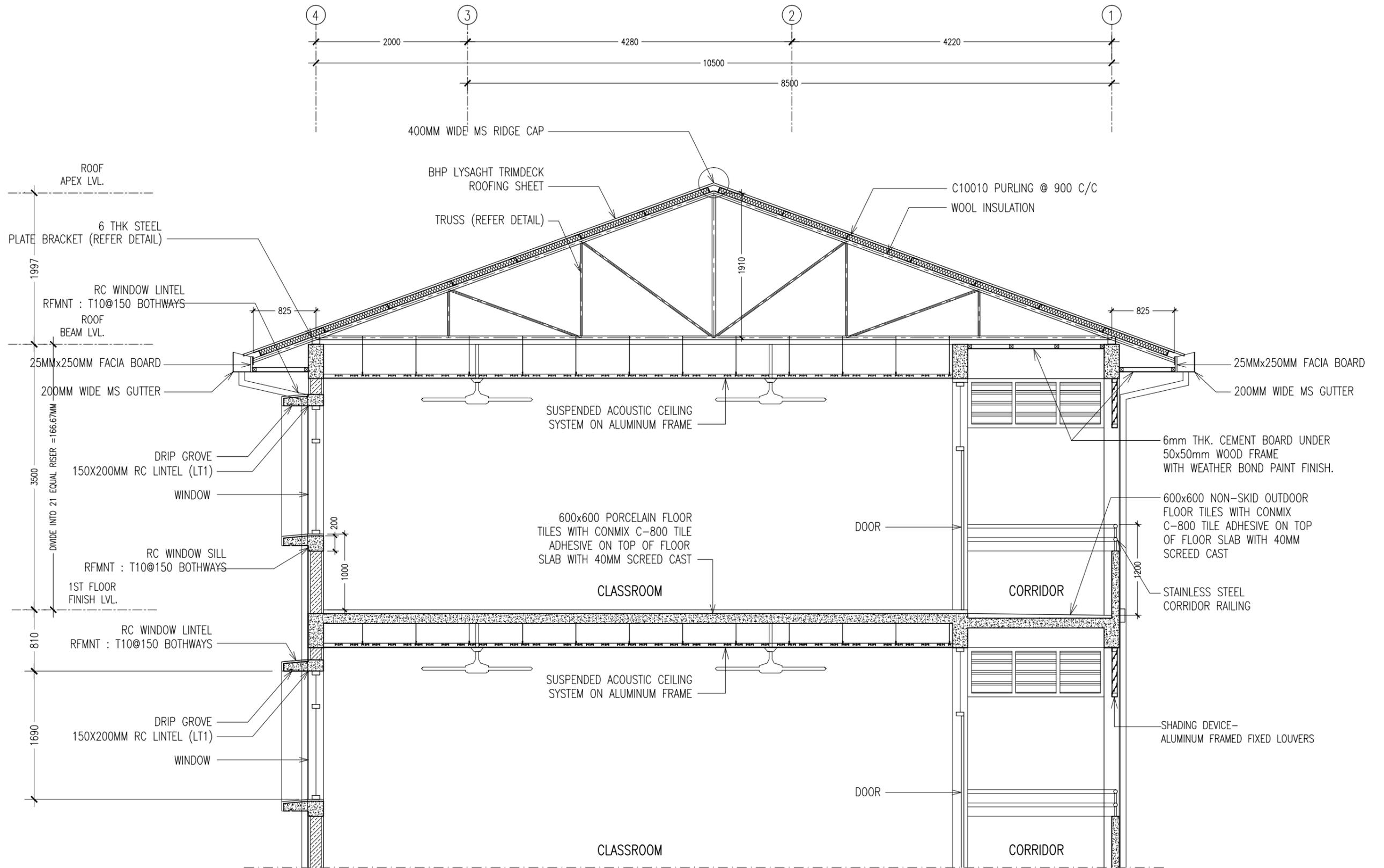
PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN | DIMENSION: MM | DATE: FEBRUARY 2016

A-10

DWG NO

PROJECT NO.: 15-041

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SECTION DETAIL Y-Y
SCALE 1:50

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
	SERVICES ENG:	DRAWING TITLE: AS GIVEN
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN
		DIMENSION: MM
		DATE: FEBRUARY 2016

A-11

DWG NO
PROJECT NO.: 15-041

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ELEVATIONS :						
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	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-5MM THICK BLUE TINTED GLASS	C-5MM THICK BLUE TINTED GLASS ALL FIXED PANELS TO BE DOUBLE GLAZED	C-5MM THICK BLUE TINTED GLASS

ELEVATIONS :			
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 :	80 MICRON WHITE POWDER COATED ALUMINIUM 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.

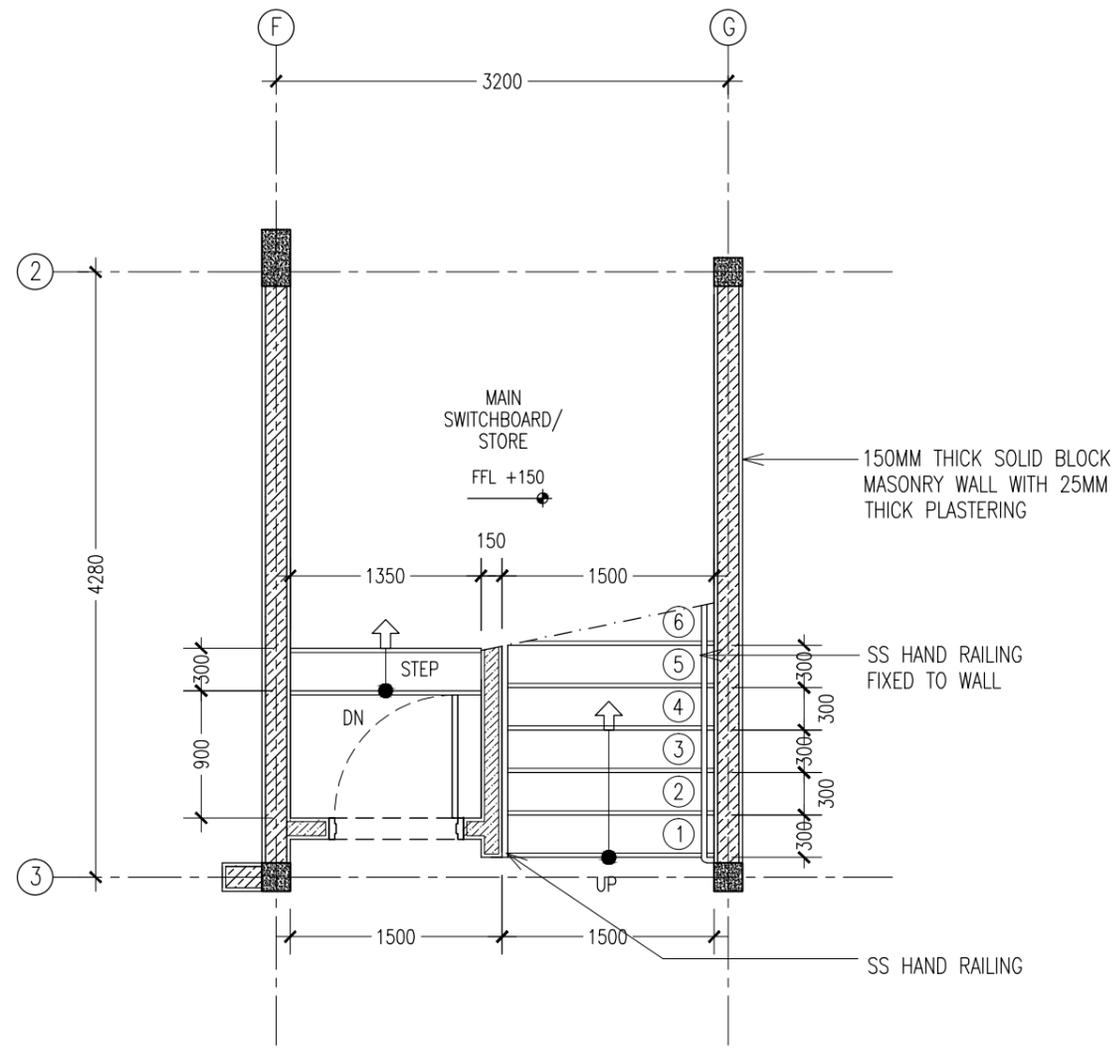
FG : FIXED GLASS
FTL : FIXED TIMBER LOUVERS
FAL : FIXED ALUMINIUM LOUVERS

DOOR / WINDOW SCHEDULE
SCALE 1:50

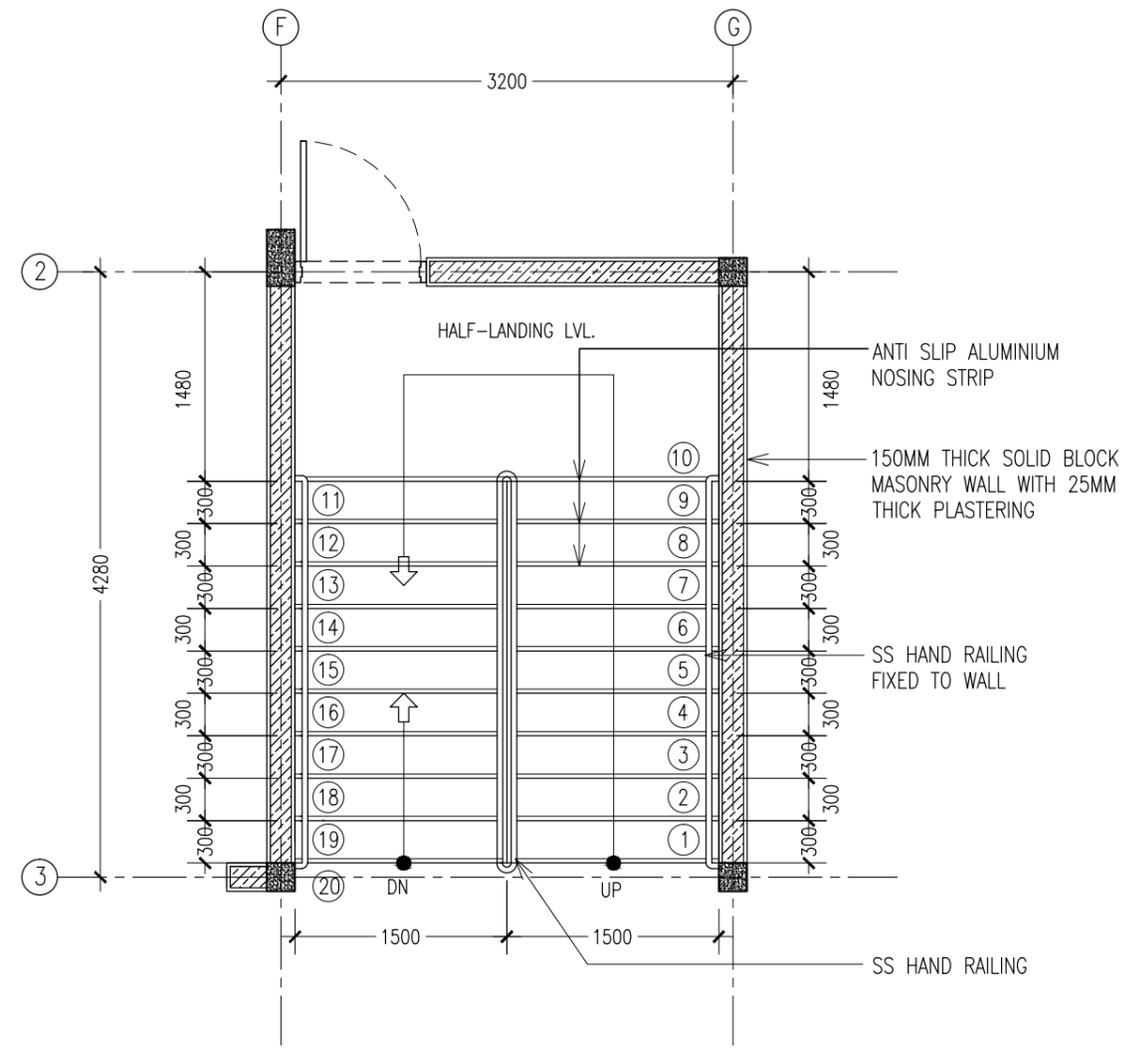
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS, FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-12
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG: AS GIVEN	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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			PROJECT NO.: 15-041



GROUND FLOOR STAIR PLAN
SCALE 1:50



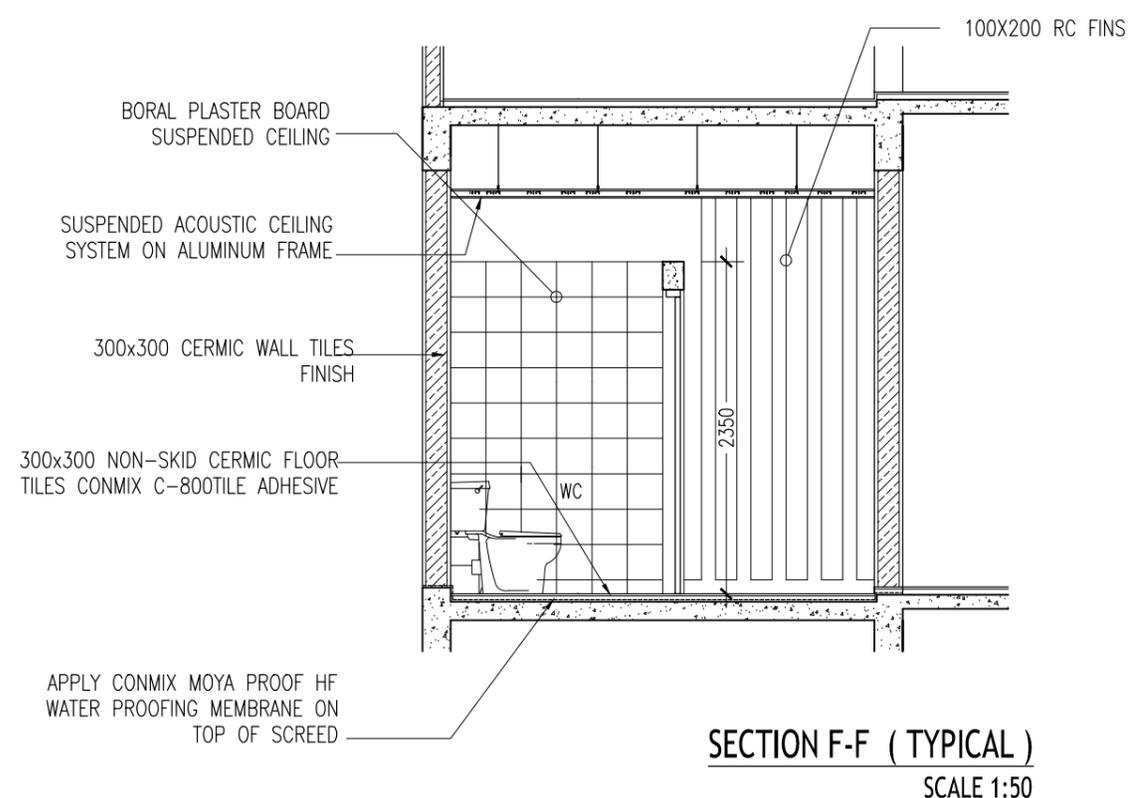
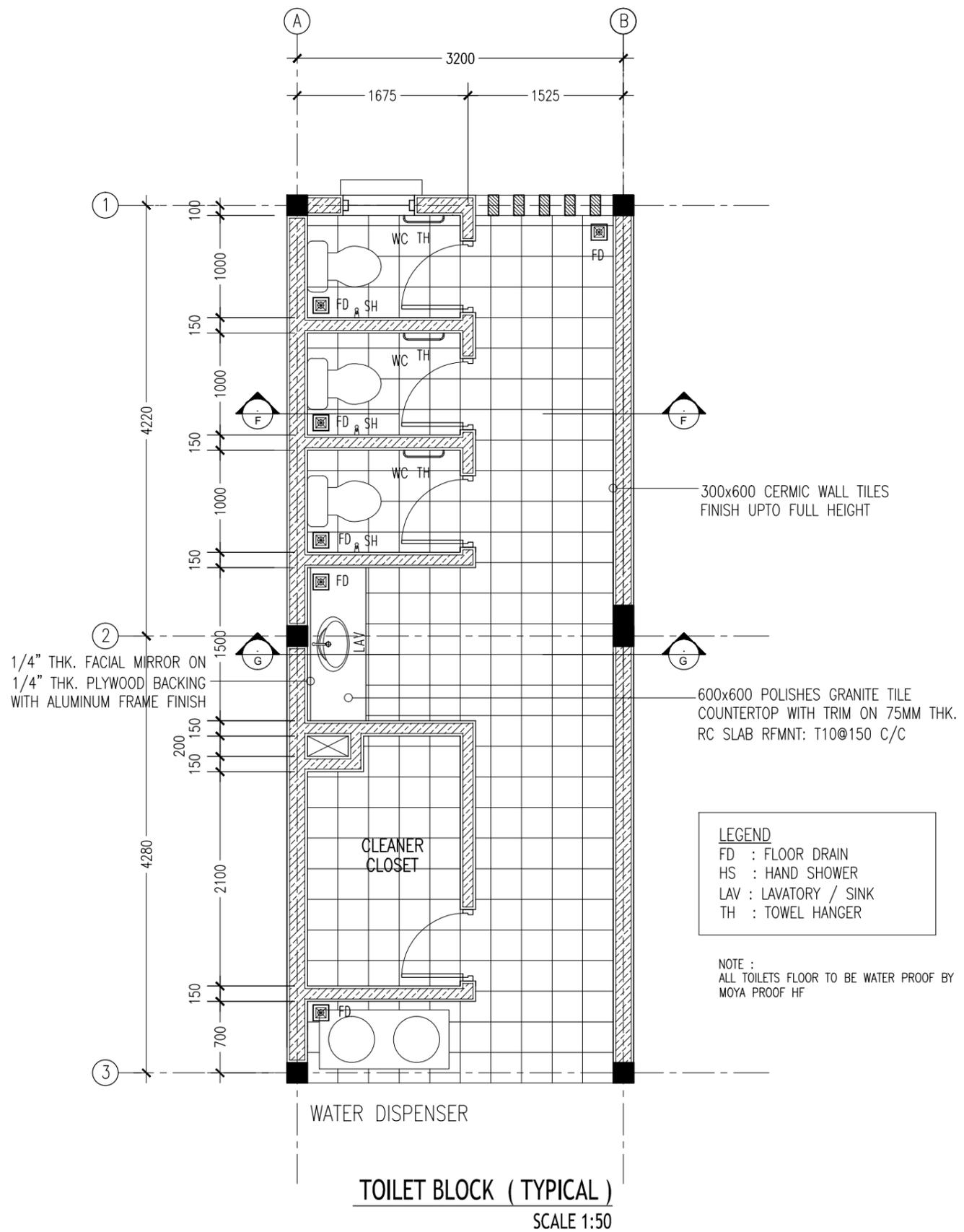
1ST-2ND FLOOR STAIR PLAN
SCALE 1:50

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



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-13 DWG NO
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
			PROJECT NO.: 15-041

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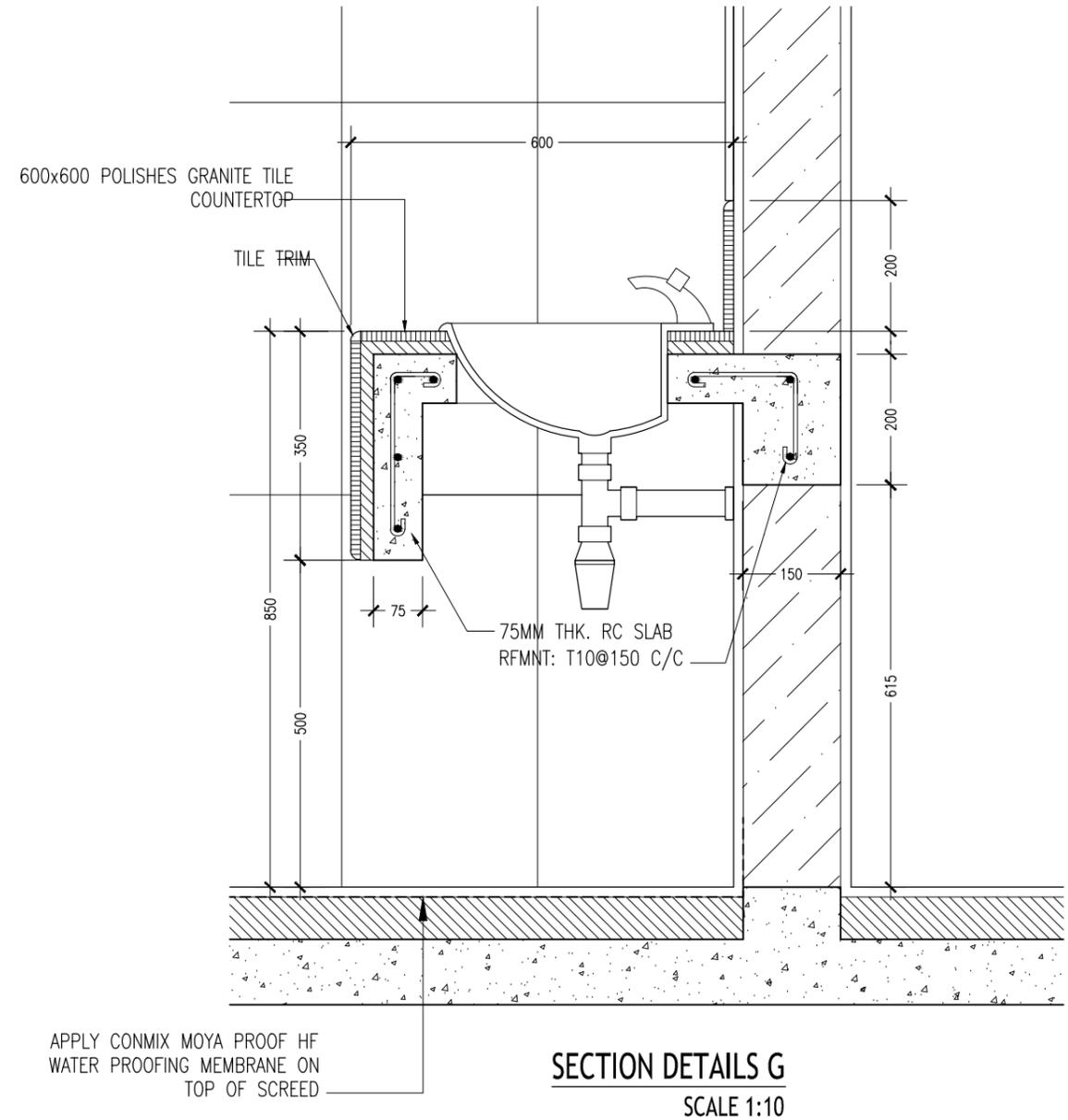
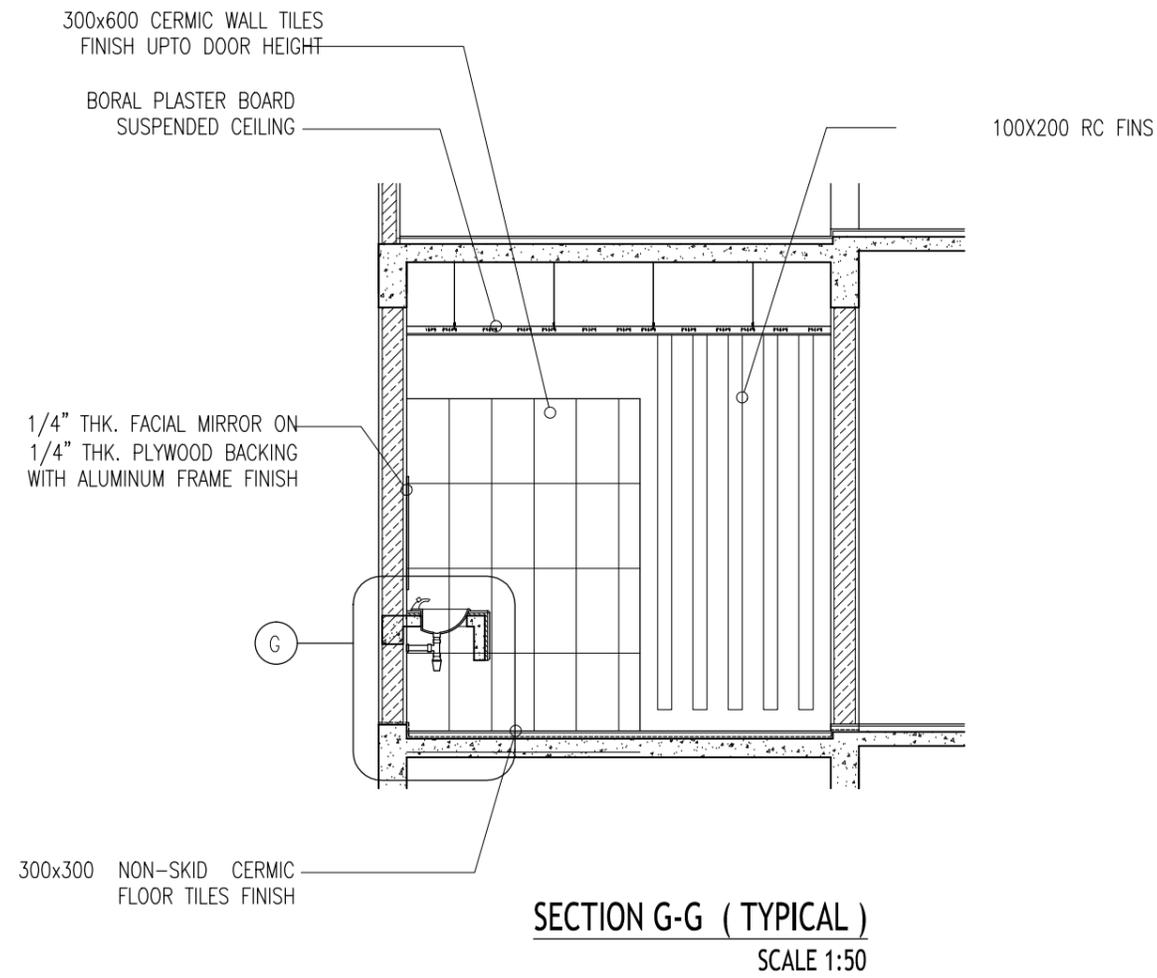


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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
	SERVICES ENG:	DRAWING TITLE: AS GIVEN
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

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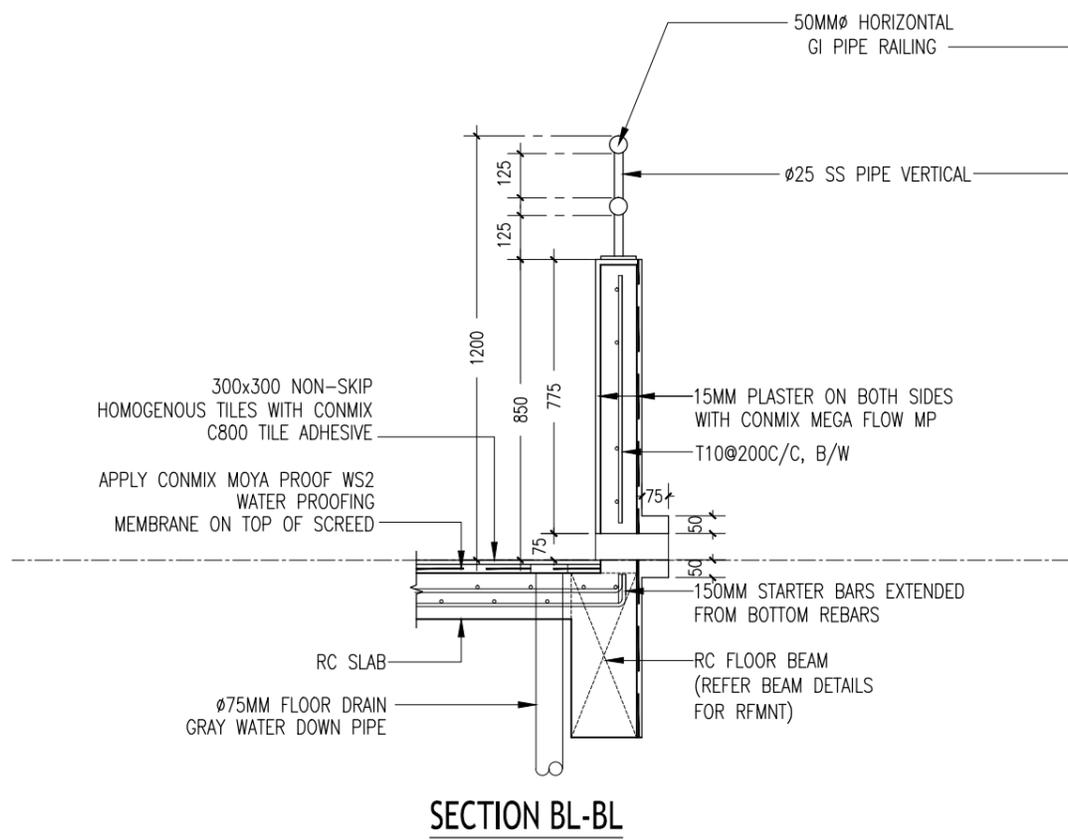
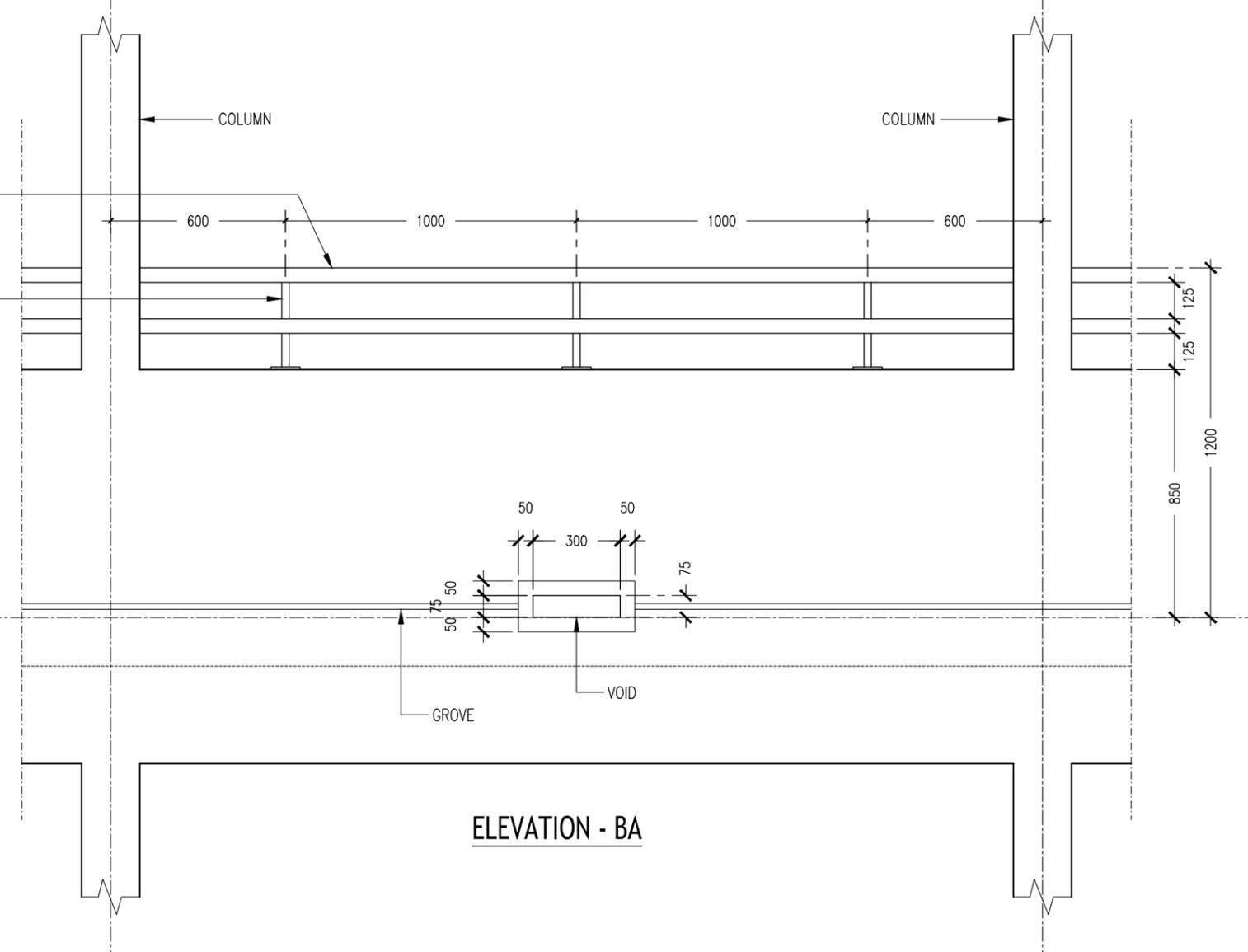
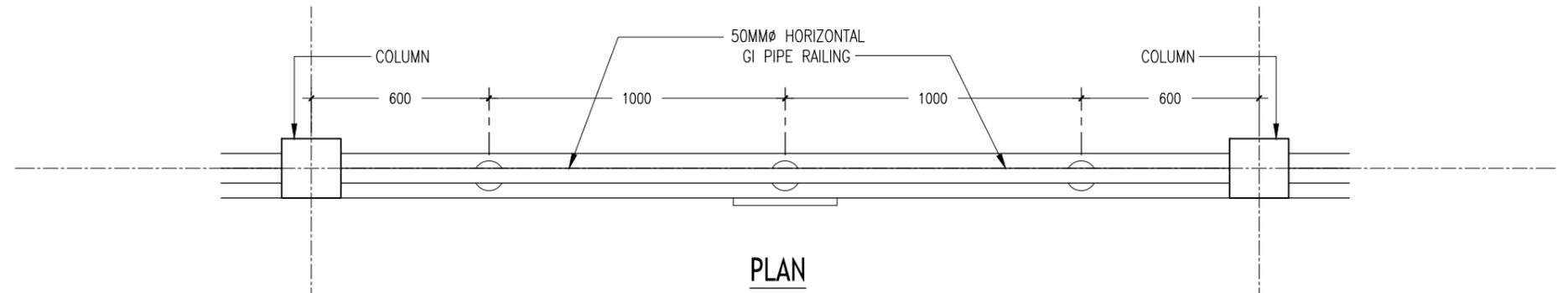


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DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

ArchEng
studio

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

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-15
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
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TYPICAL BALCONY PARAPET WALL
SCALE 1:20

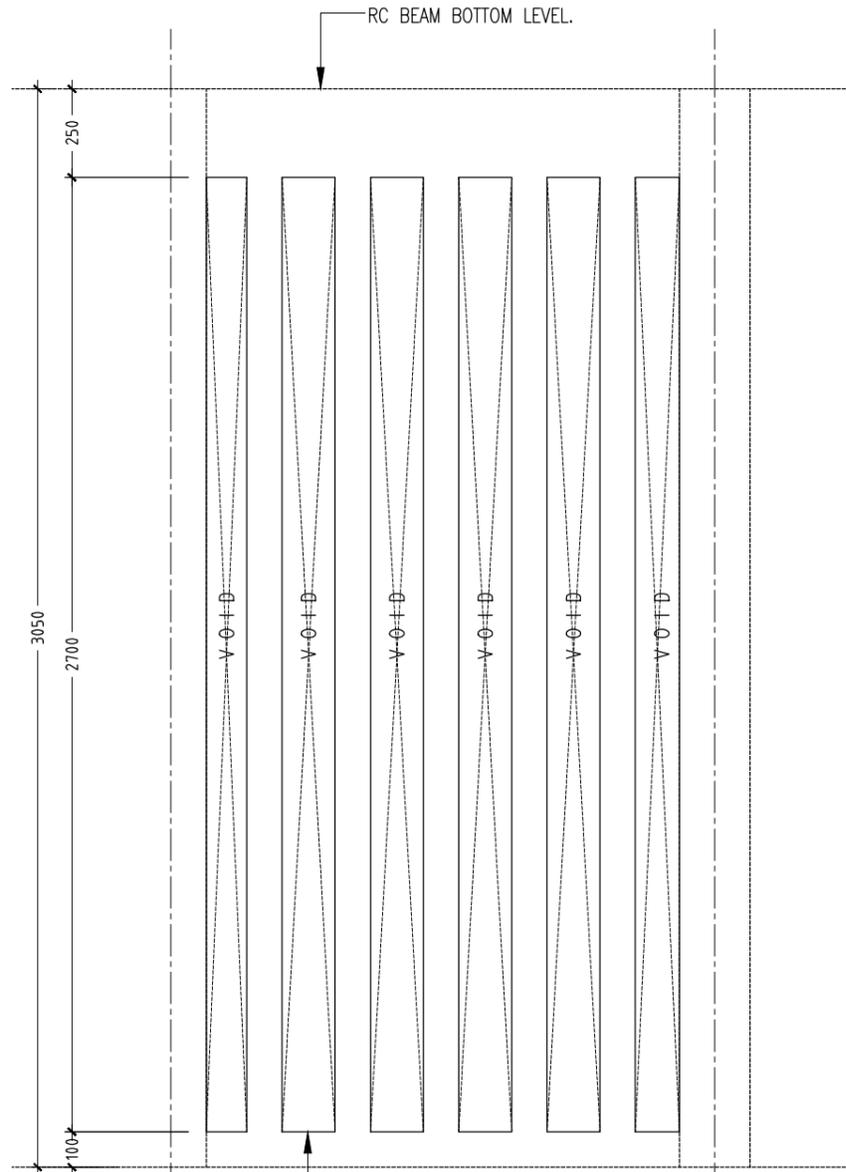
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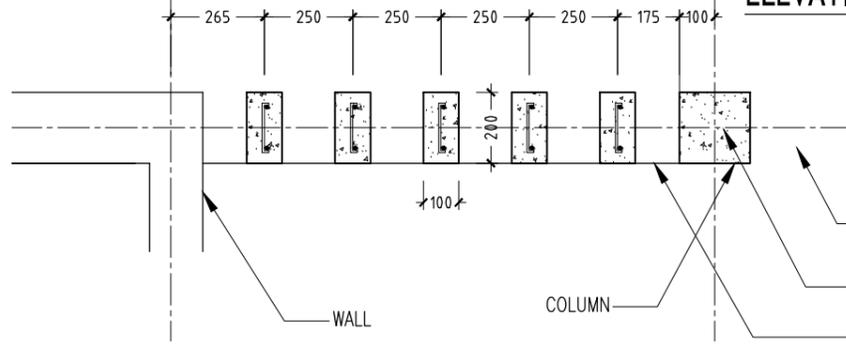
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
	SERVICES ENG:	DRAWING TITLE: AS GIVEN
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

A-16
DWG NO
PROJECT NO.: 15-041

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**RC FIN -
FRONT
ELEVATION**

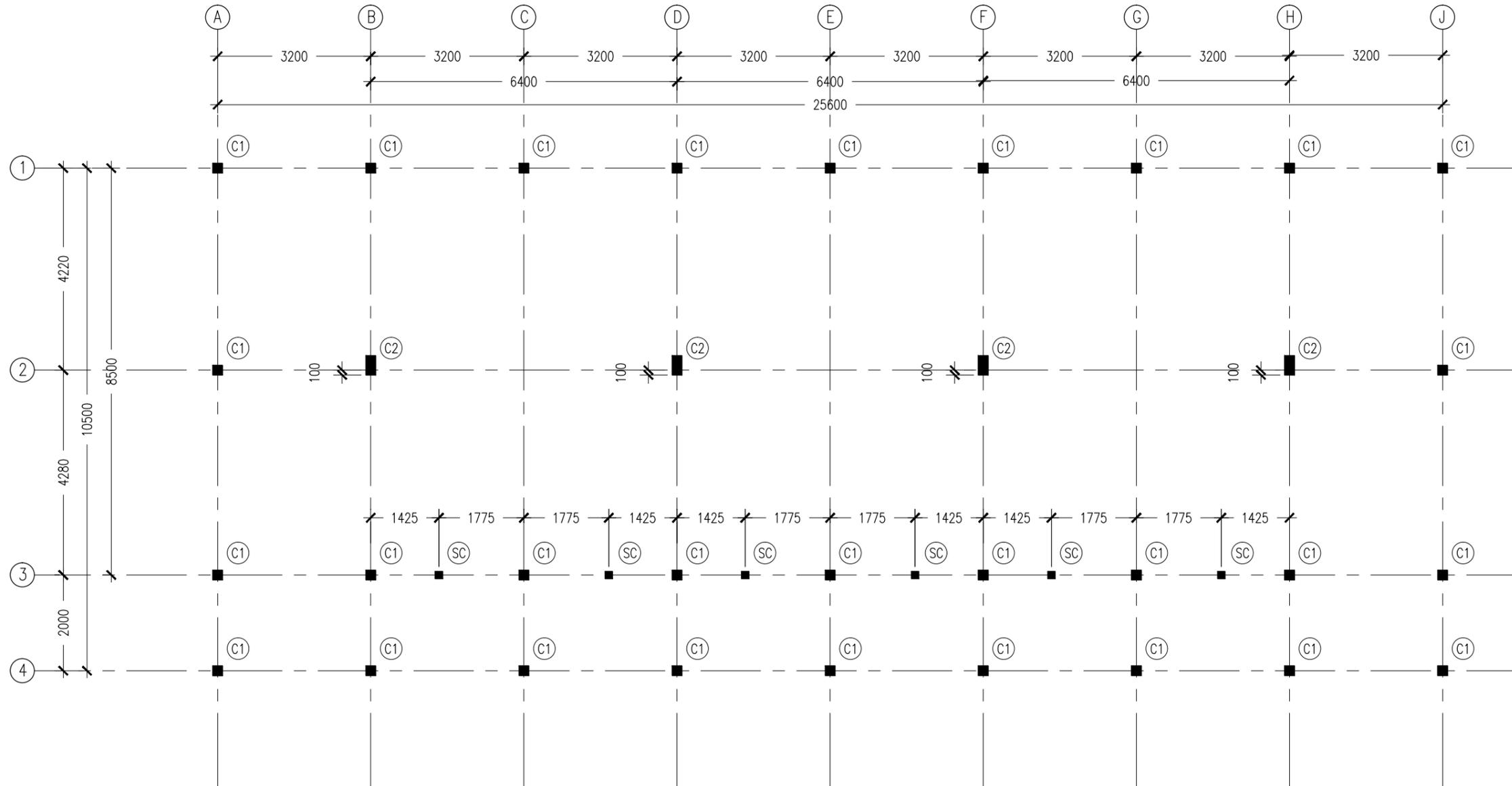


**RC FIN DETAILS
SCALE 1:20**

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	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-17 DWG NO
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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NOTES :

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

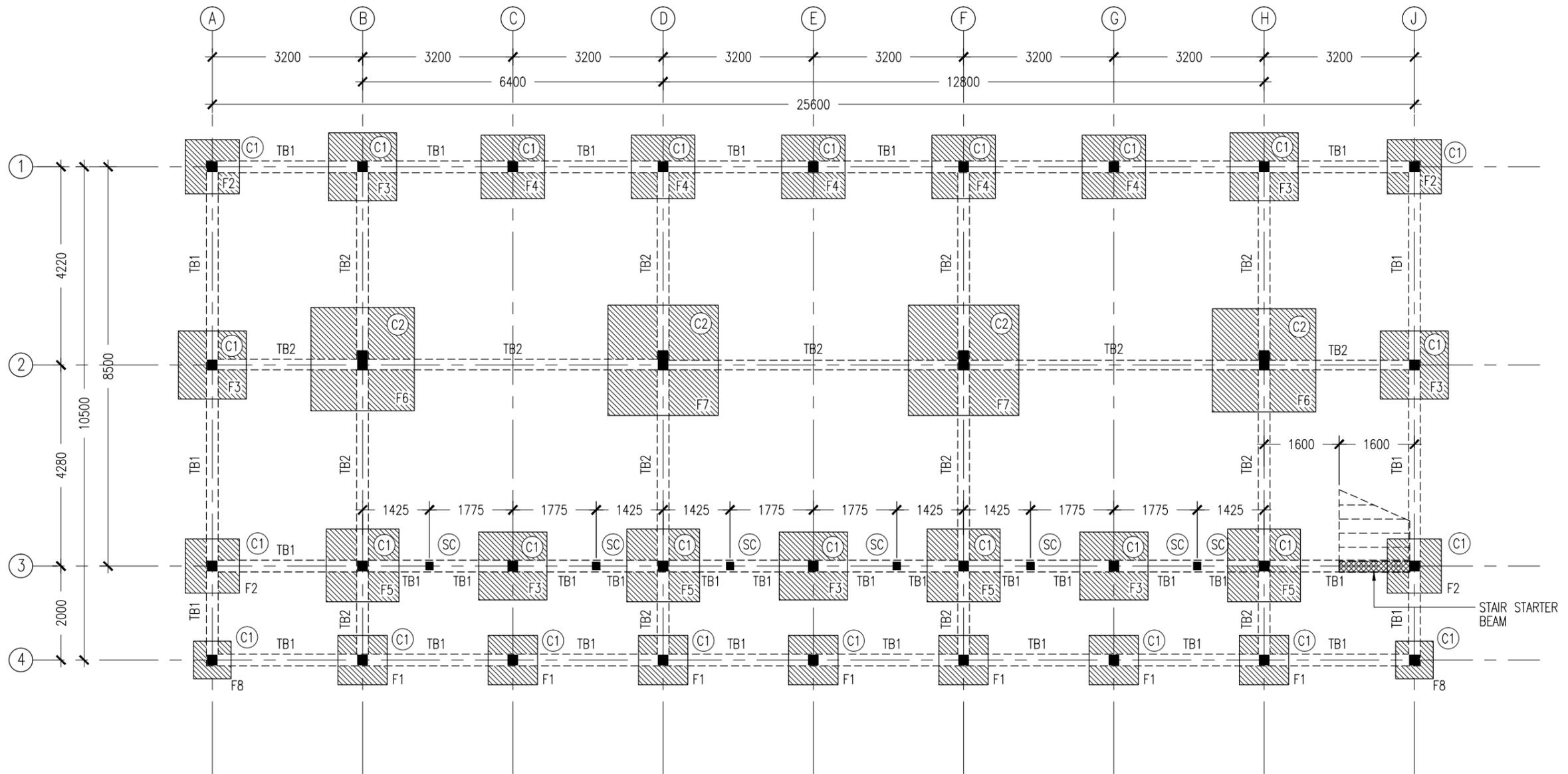
COLUMN SETTING LAYOUT PLAN
SCALE 1:100

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	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	S-01
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
			DWG NO
			PROJECT NO.: 15-041

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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.

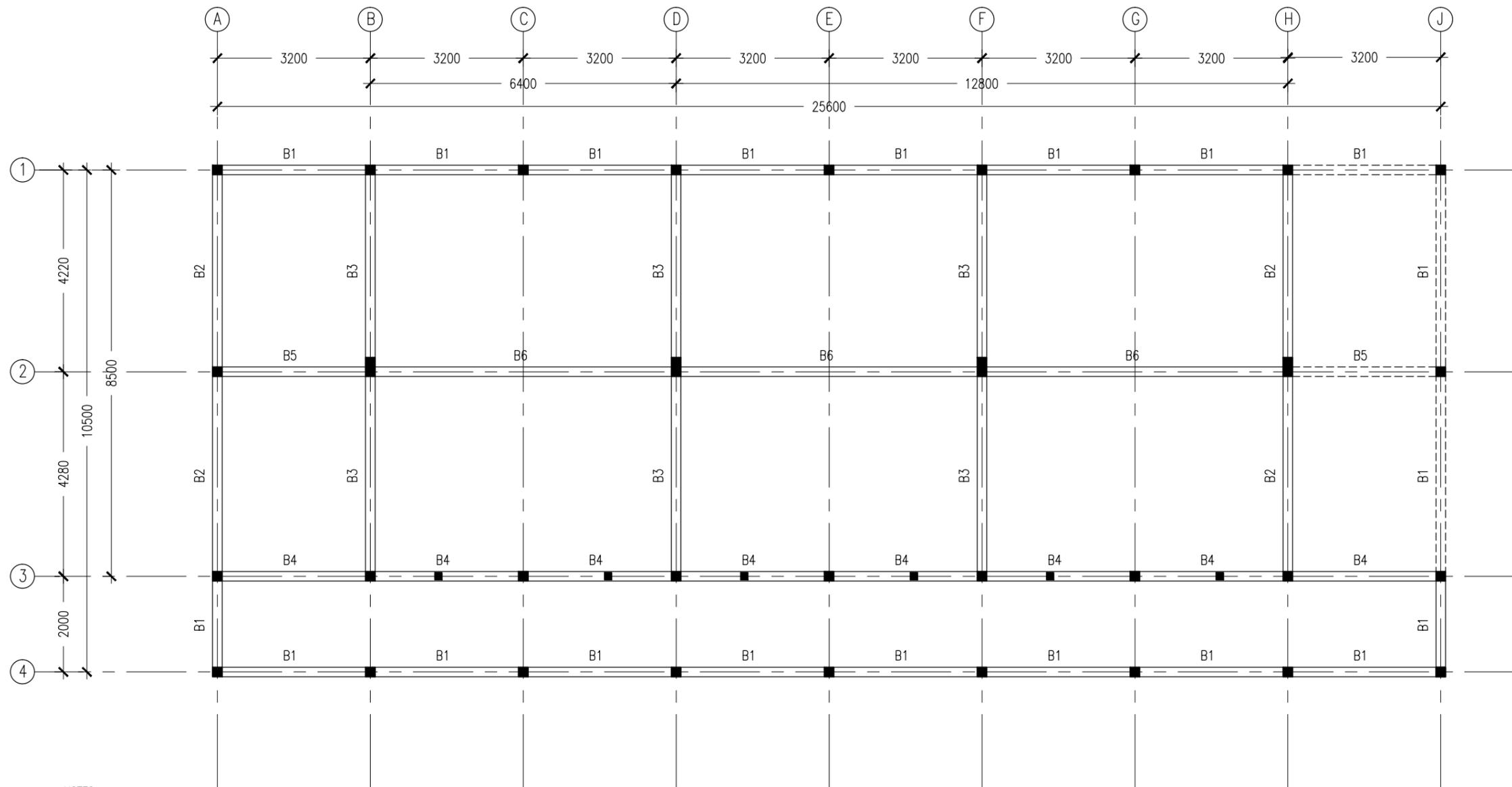
FOUNDATION LAYOUT PLAN

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: PROPOSED 9 CLASS ROOM BLOCK	S-02
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN, DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED			DWG NO PROJECT NO.: 15-041



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



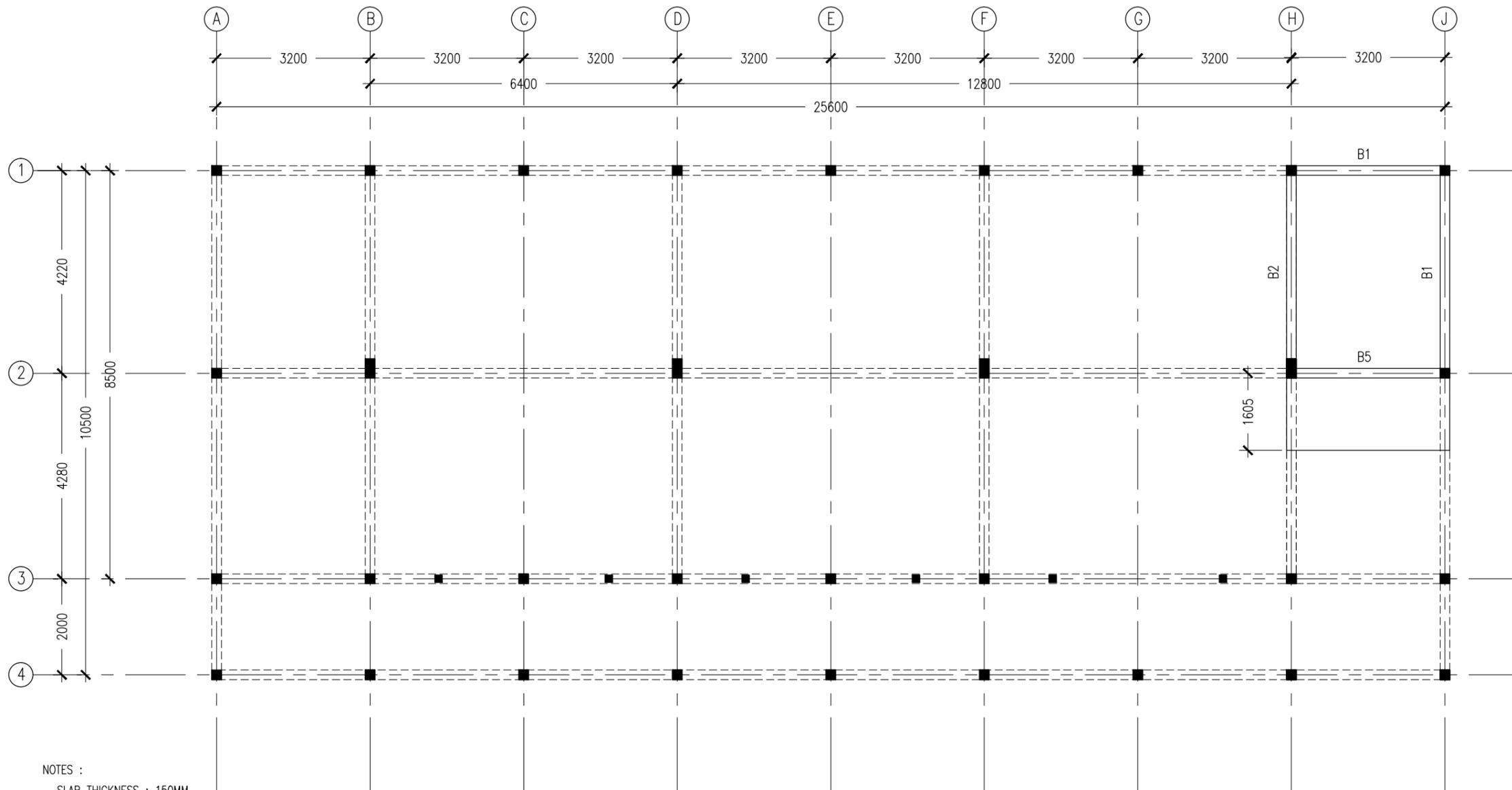
REVISION:	ARCHITECT: MOHAMED HAMEEN
	ENGINEER: MOHAMED AHSAN
	SERVICES ENG:
	ESTIMATOR:
	DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN

DIMENSION: MM	DATE: FEBRUARY 2016
---------------	---------------------

S-03

DWG NO
PROJECT NO.: 15-041



NOTES :

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

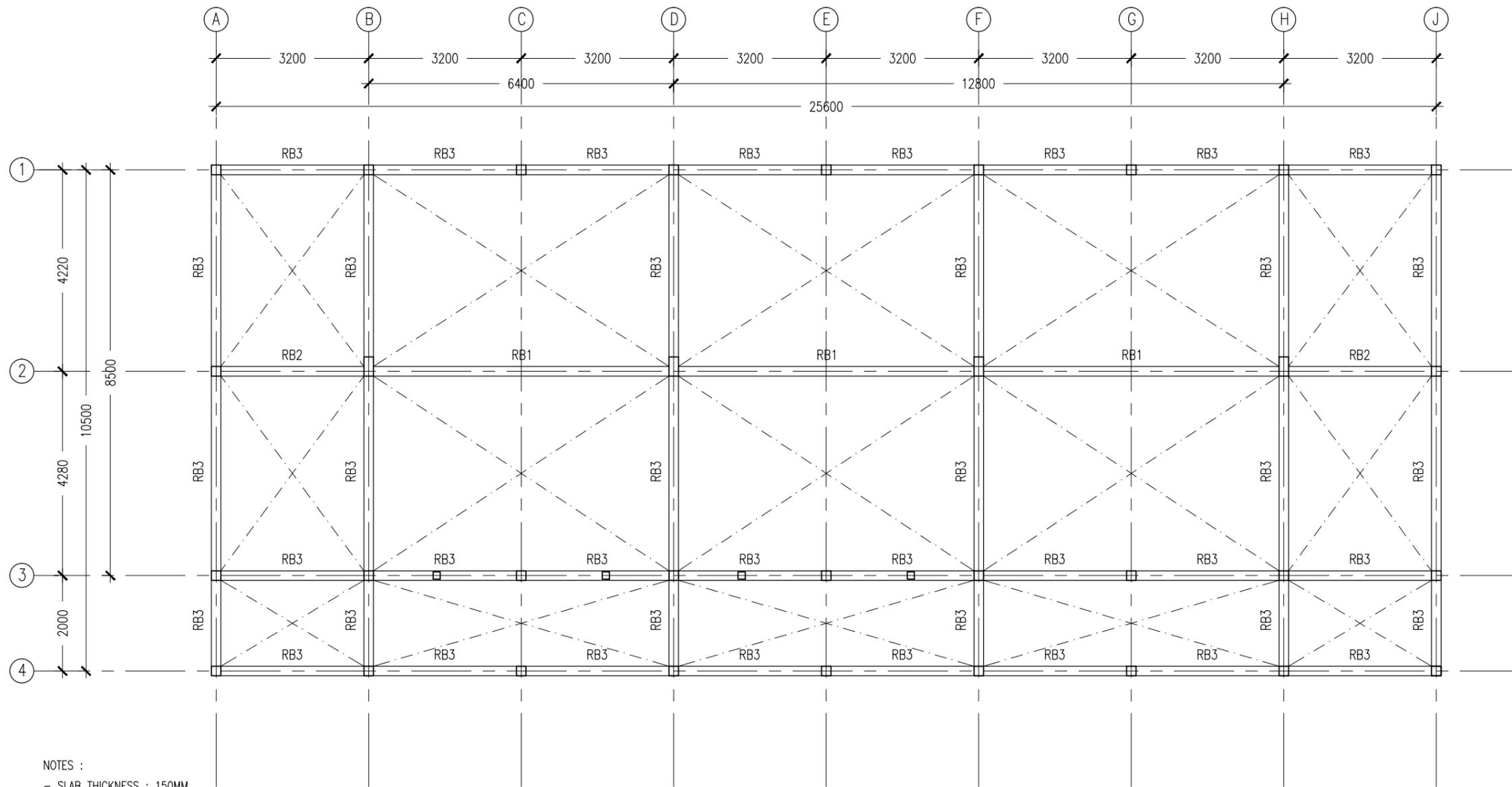
SLAB BEAM AT HALF-LANDING LAYOUT PLAN

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: PROPOSED 9 CLASS ROOM BLOCK	S-04 DWG NO
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	DIMENSION: MM
		DATE: FEBRUARY 2016	
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- NOTES :
- SLAB THICKNESS : 150MM
ACCEPT WHERE STATED
 - SLAB BOTTOM COVER: 30MM
 - SLAB TOP COVER: 25MM
 - COVER TO BEAMS : 35MM
 - COVER TO COLUMNS : 40MM
 - CONCRETE MIX : 1:2:3
UNLESS STATED
 - ADD CONMIX MEGAFLOW MP TO ALL EXTERNAL PLASTER &
FOR WET AREA PLASTER
 - ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

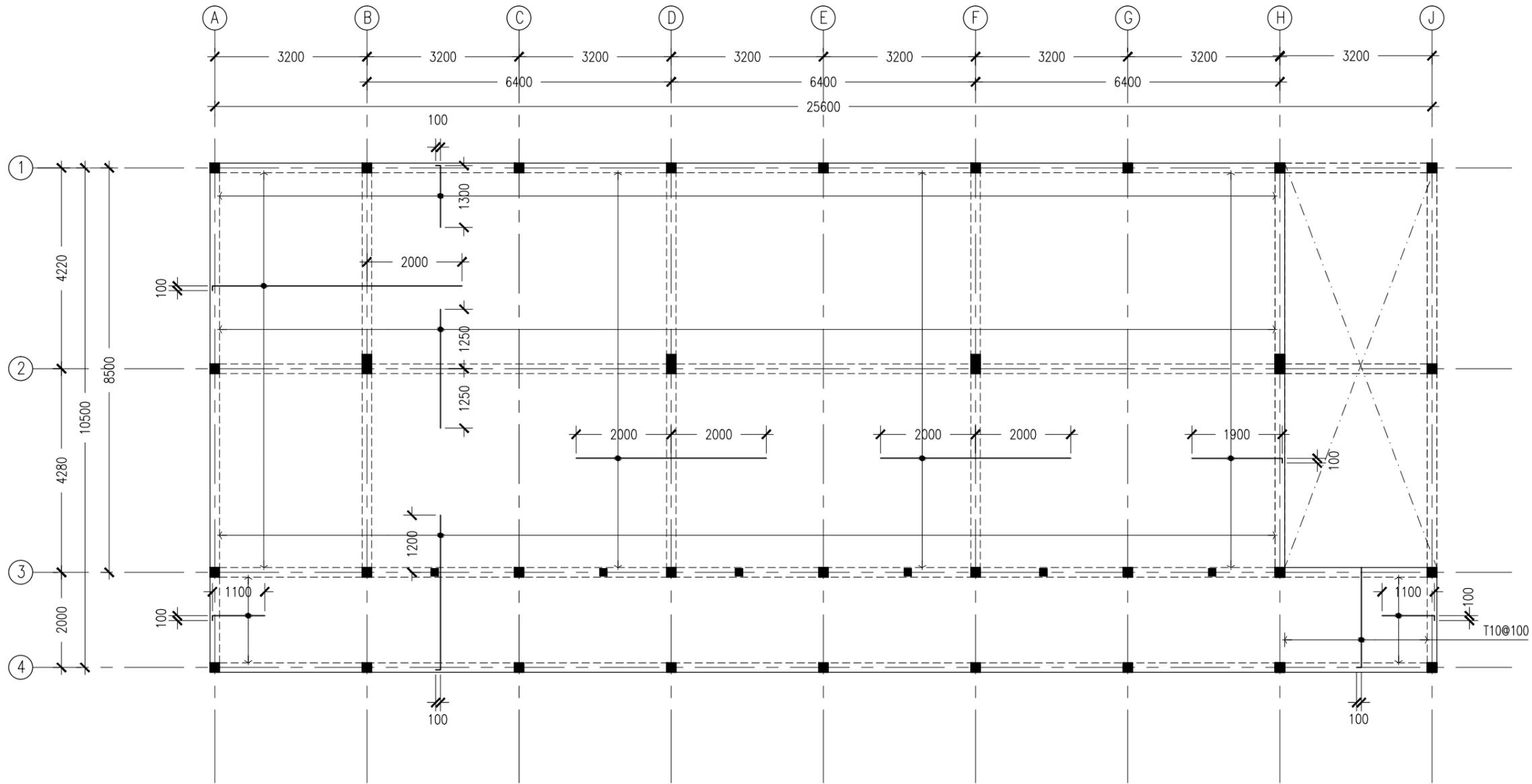
ROOF BEAM LAYOUT PLAN
SCALE 1:100

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 DWG NO PROJECT NO.: 15-041
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	

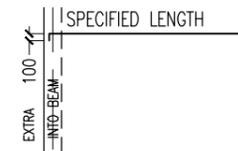
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NOTE:

- *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 : T10-200MM BW C/C
(THROUGHOUT) NOT SHOWN
- *CURTAIL REBARS OVER OPENINGS
AS SPECIFIED
- *TOP DISTRIBUTION REINFORCEMENT : T10@300 BW C/C

***TYPICAL TOP REBAR**



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

1ST-2ND FLOOR SLAB RFMNT LAYOUT PLAN
SCALE 1:100

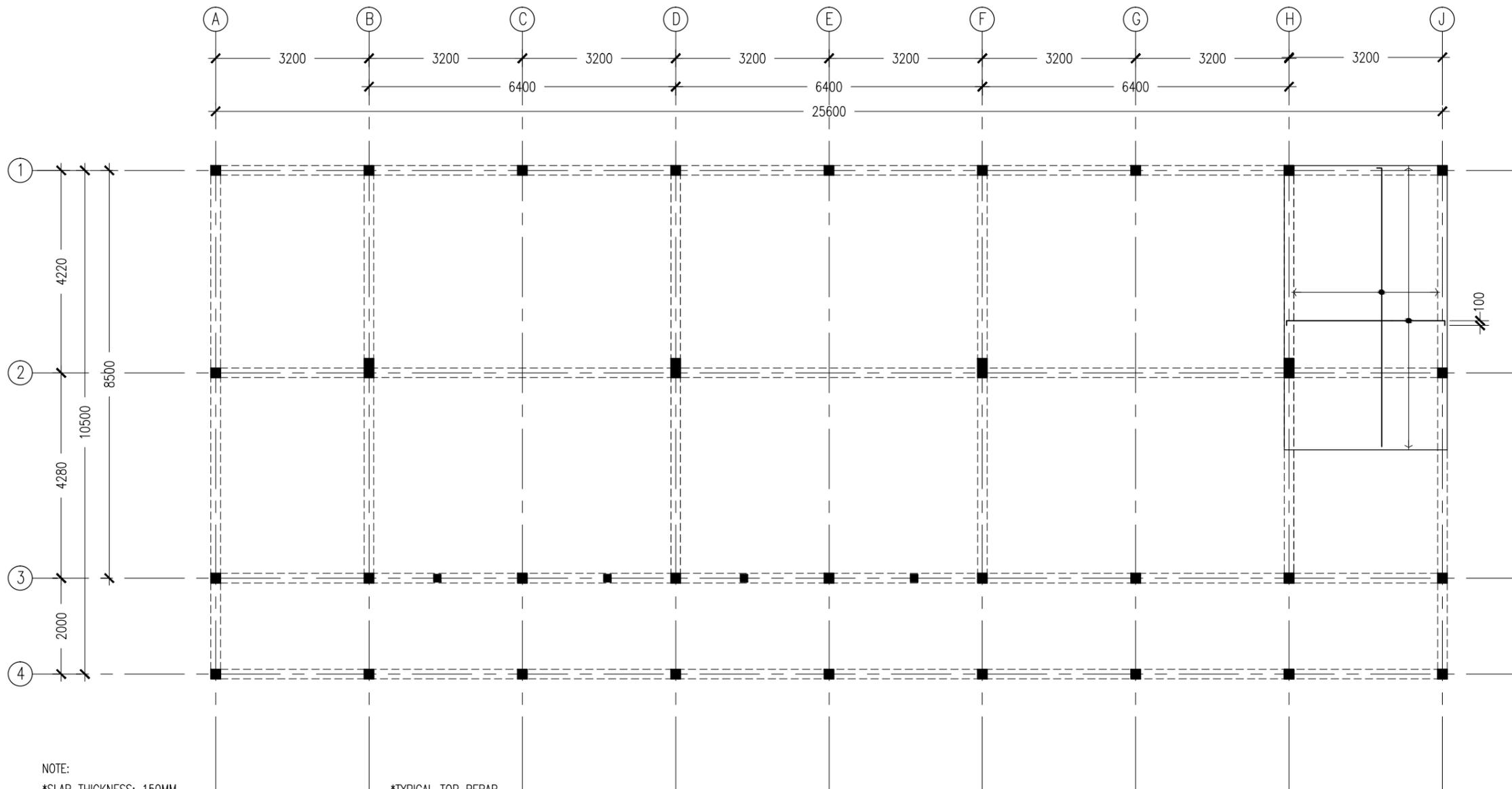
CONTRACTORS MUST
CHECK ALL
DIMENSIONS ON SITE
BEFORE STARTING
ANY WORK OR SHOP
DRAWINGS. FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



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

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN
DIMENSION: MM
DATE: FEBRUARY 2016

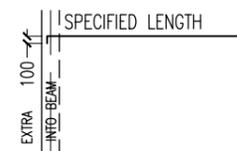
DWG NO	S-06
PROJECT NO.: 15-041	



NOTE:

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

*TYPICAL TOP REBAR



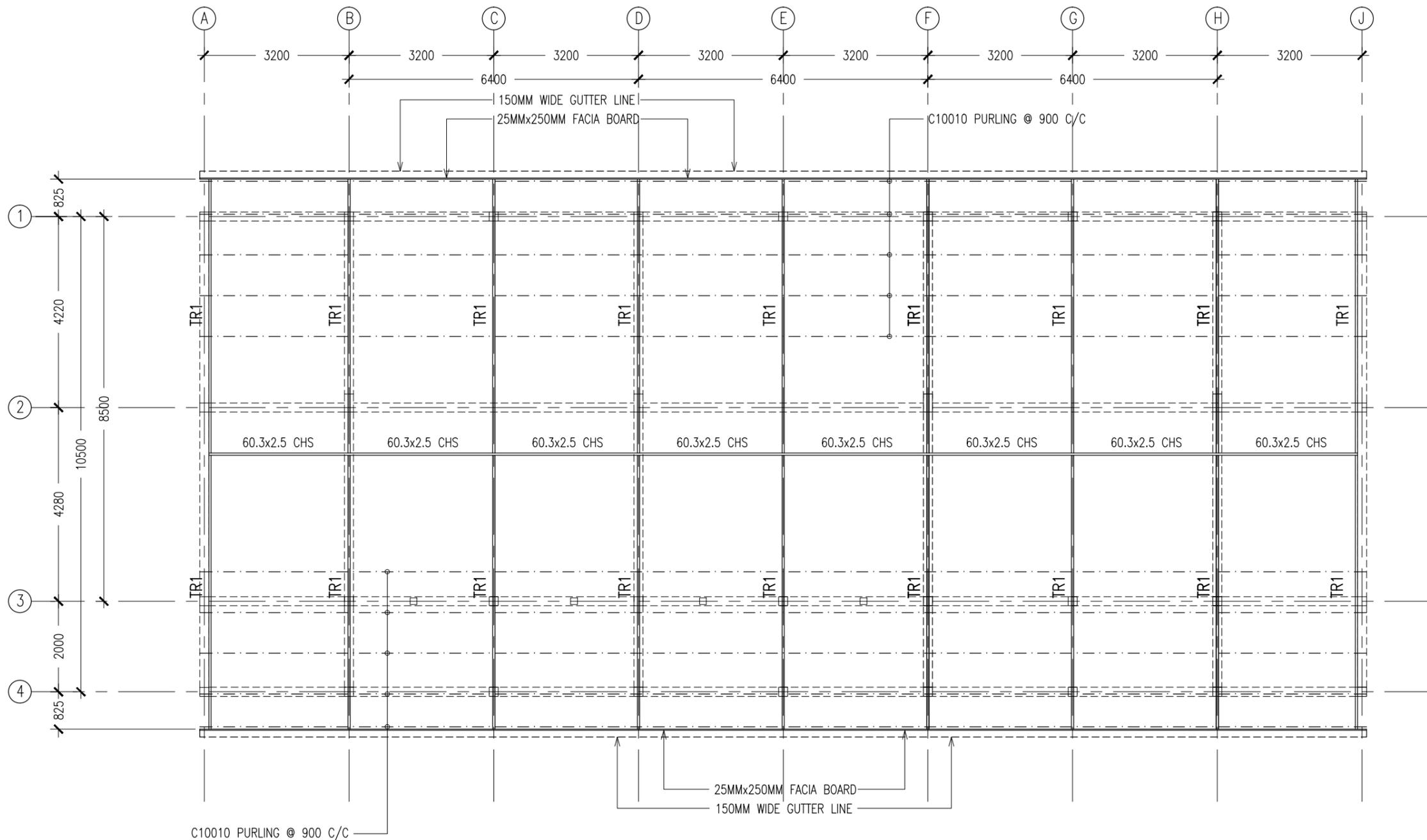
- *FCU=25N/MM2
- *ADD CONMIX MegaFlow P TO ALL SUPER
STRUCTURE CONCRETE

**SLAB RFMNT 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: PROPOSED 9 CLASS ROOM BLOCK	S-07 DWG NO
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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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

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: HDH. VAIKARADHOO, HDH ATOLL SCHOOL

DRAWING TITLE: AS GIVEN

CLIENT: MINISTRY OF EDUCATION

SCALE: AS GIVEN

DIMENSION: MM

DATE: FEBRUARY 2016

S-08

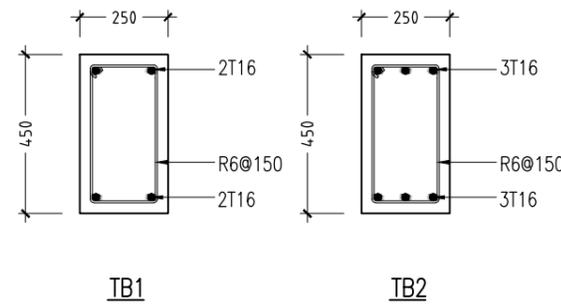
DWG NO

PROJECT NO.: 15-041

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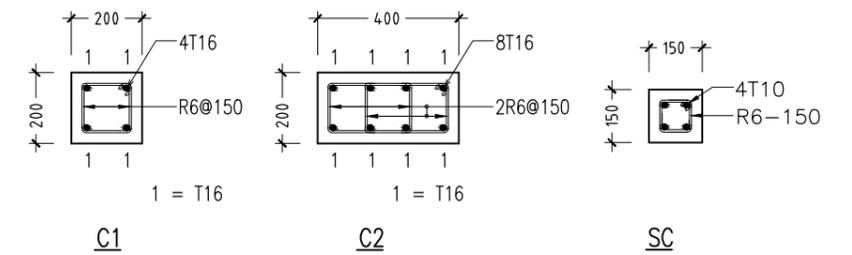
FOOTING	LENGTH/mm	WIDTH/mm	DEPTH/mm	REINFORCEMENT
F1	1050	1050	300	T12@150mm C/C BW BOTTOM
F2	1150	1150	300	T12@150mm C/C BW BOTTOM
F3	1450	1450	300	T12@150mm C/C BW BOTTOM
F4	1350	1350	300	T12@150mm C/C BW BOTTOM
F5	1550	1550	300	T12@150mm C/C BW BOTTOM
F6	2200	2200	300	T16@100mm C/C BW BOTTOM
F7	2350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

FOOTING DETAILS



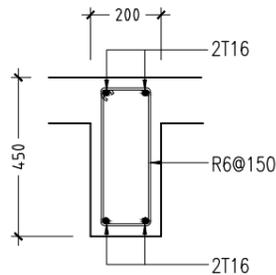
FOUNDATION BEAM DETAILS

SCALE 1:20

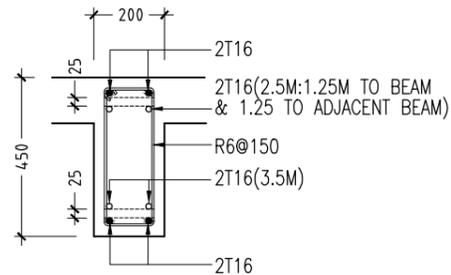


COLUMN DETAILS

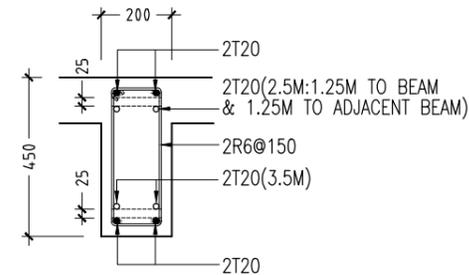
SCALE 1:20



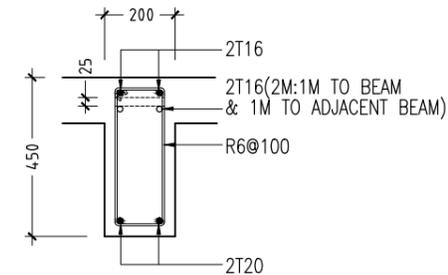
B1



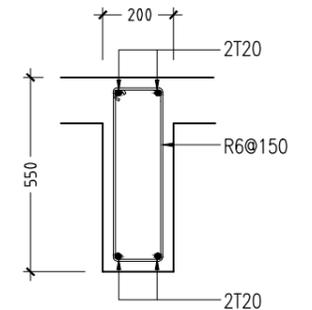
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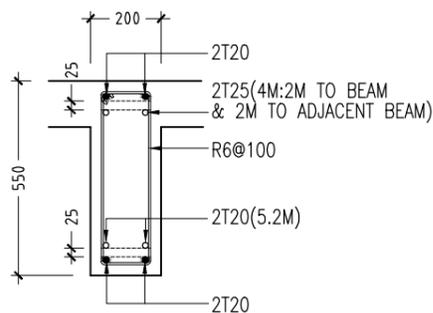
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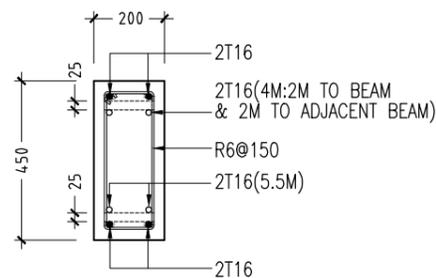
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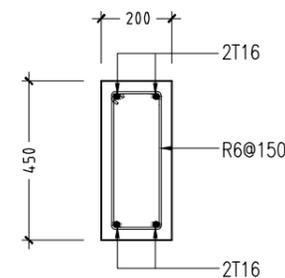
B5



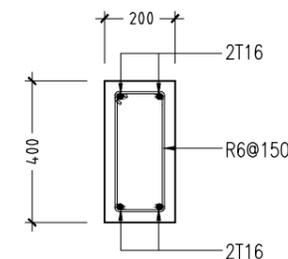
B6



RB1



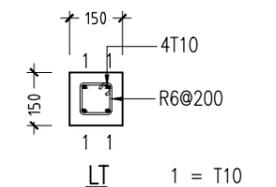
RB2



RB3

RC BEAM DETAILS

SCALE 1:20



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



REVISION:

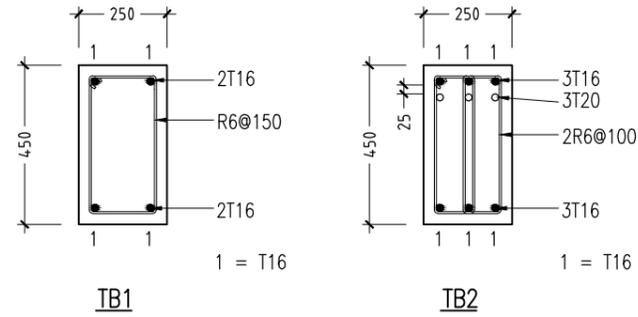
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

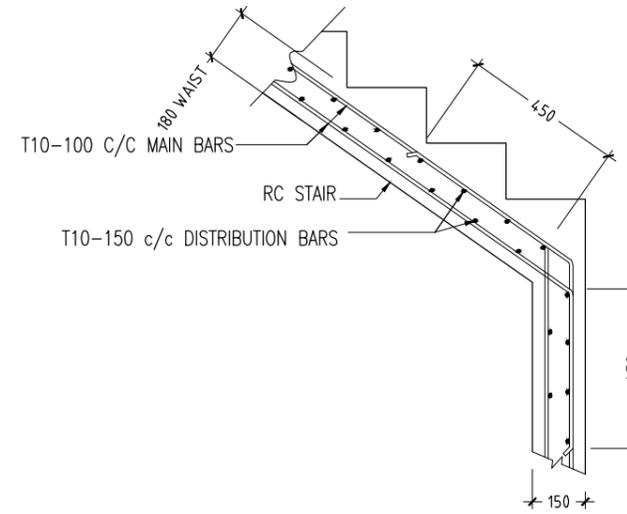
S-09
DWG NO

PROJECT NO.: 15-041

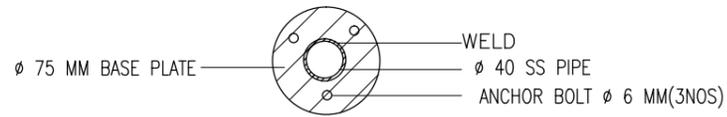
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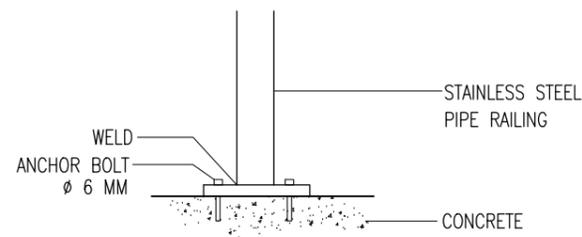
FOUNDATION BEAM DETAILS
SCALE 1:20



TYPICAL STAIR RFMT DETAIL
SCALE 1:20



PLAN



SECTION

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



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

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN
DIMENSION: MM
DATE: FEBRUARY 2016

S-10

DWG NO

PROJECT NO.: 15-041

**PROPOSED 09 CLASS ROOM BLOCK AT
HDH.VAIKARADHOO
HDH. ATOLL SCHOOL
(3 STOREY)**

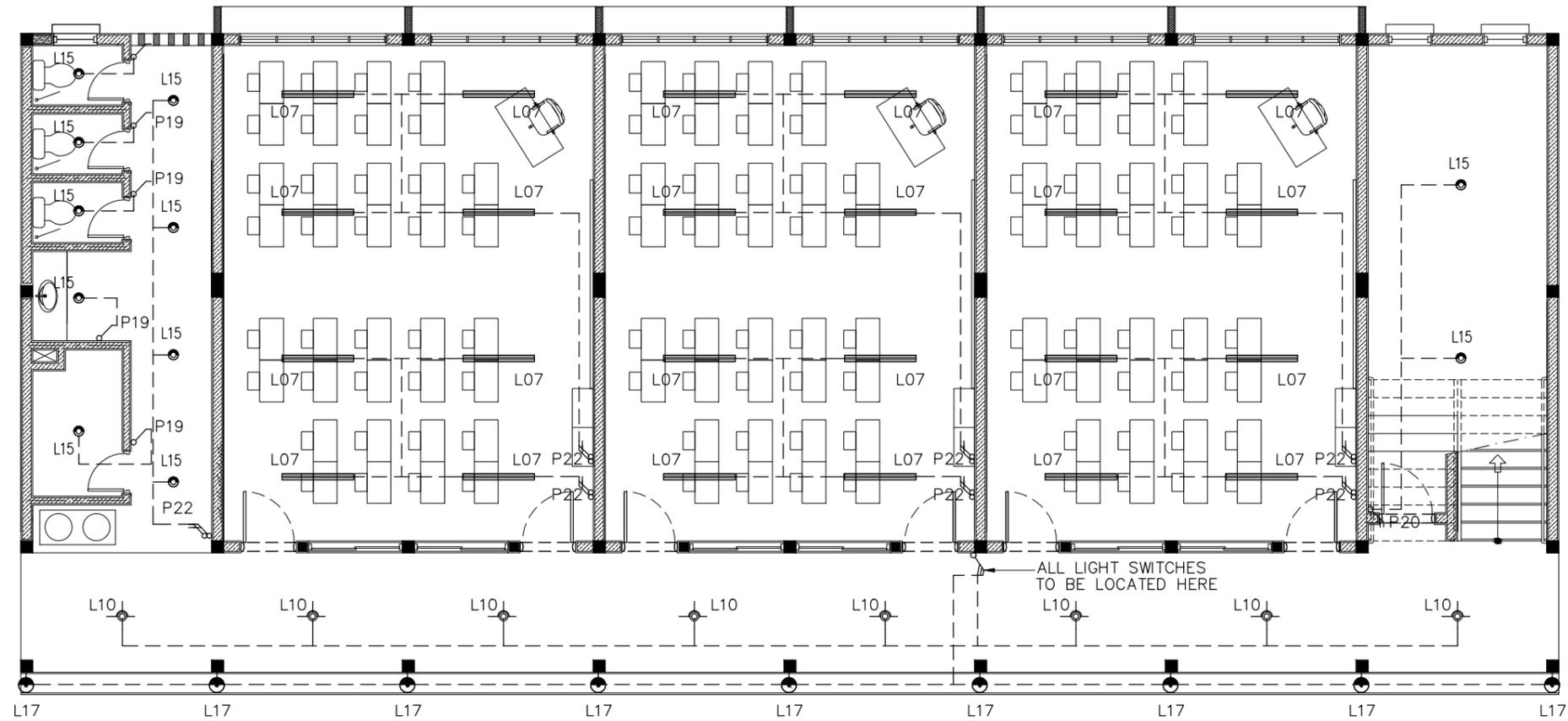
ELECTRICAL DRAWINGS

FEBRUARY 2016

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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



LEGEND

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

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

GROUND FLOOR LIGHTING LAYOUT PLAN

SCALE 1:100

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



REVISION:

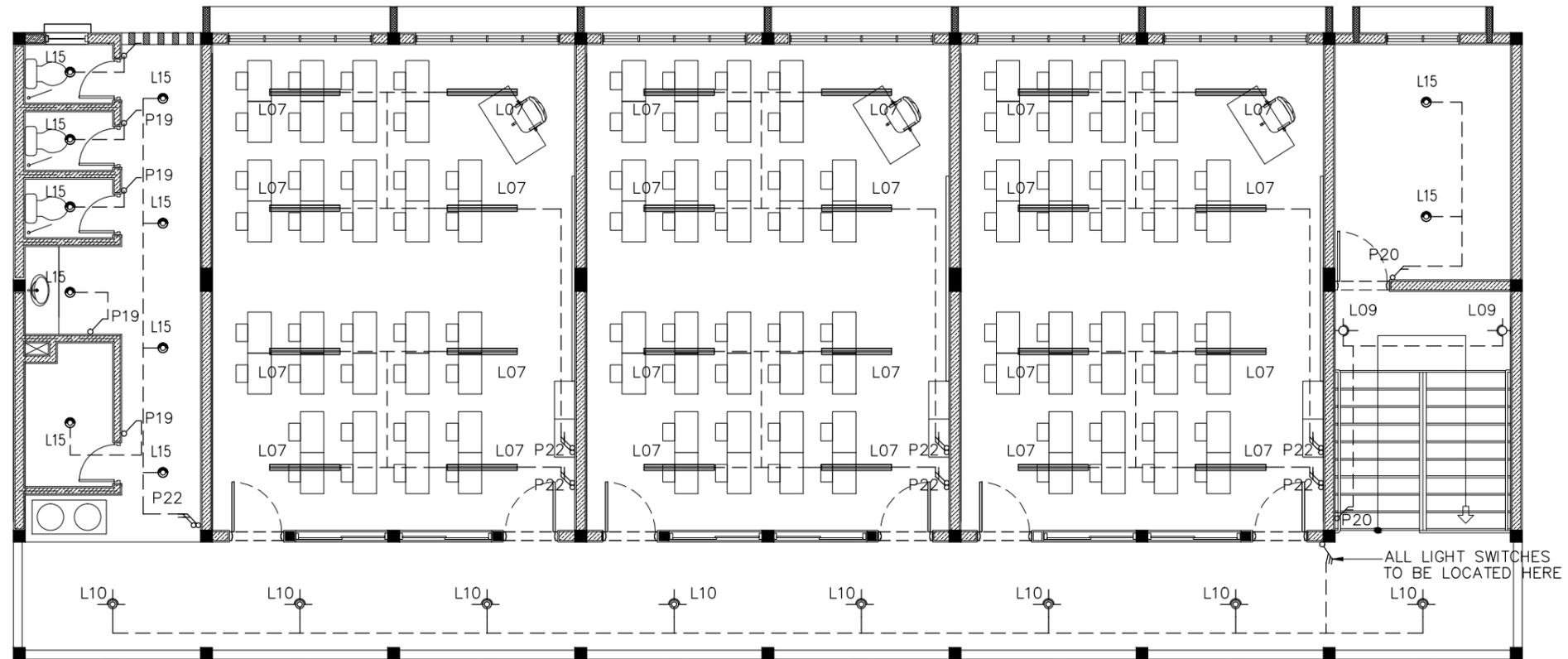
ARCHITECT: MOHAMED HAMEEN
 ENGINEER: MOHAMED AHSAN
 SERVICES ENG:
 ESTIMATOR:
 DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
 LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
 DRAWING TITLE: AS GIVEN
 CLIENT: MINISTRY OF EDUCATION
 SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

E-01

DWG NO
 PROJECT NO.: 15-041

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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

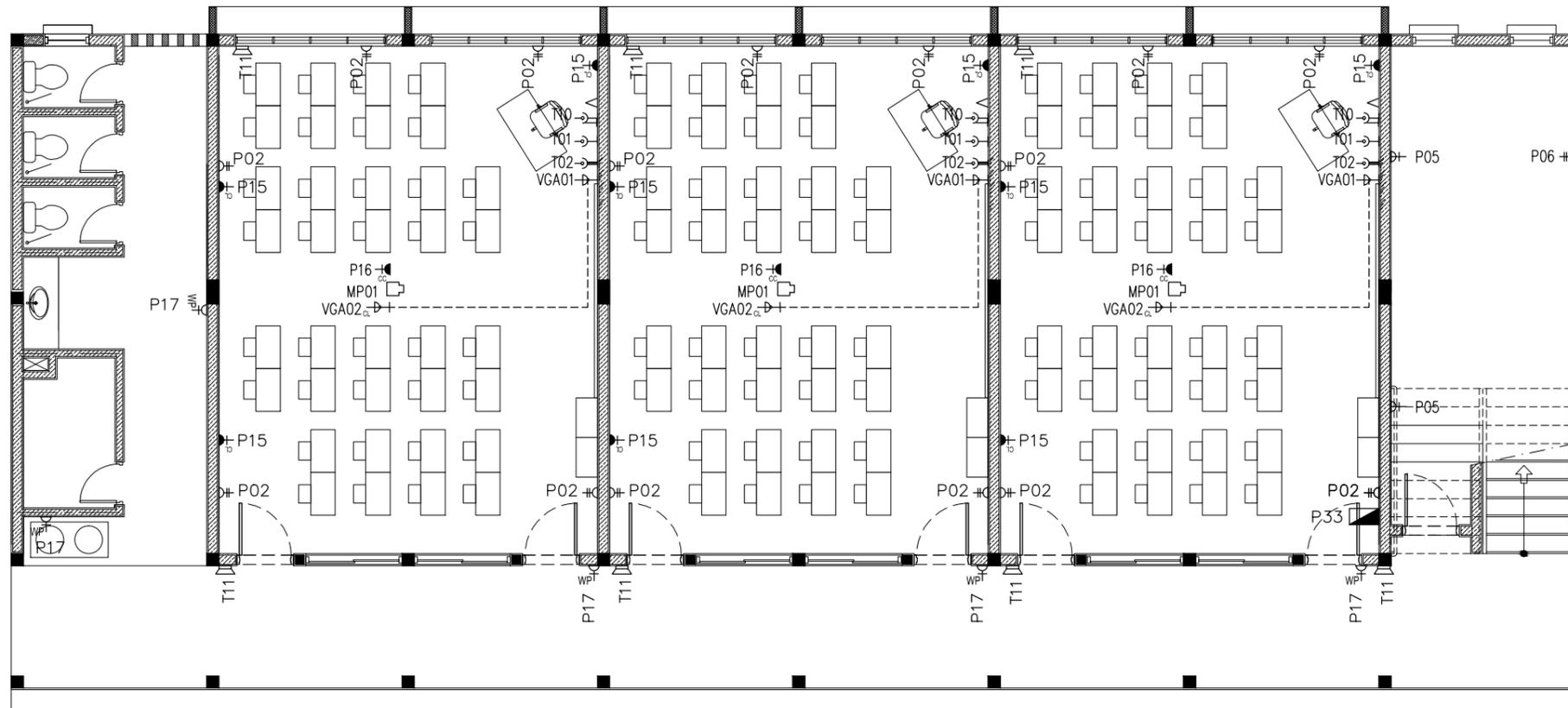
1ST/2ND FLOOR LIGHTING LAYOUT
PLAN

SCALE 1:100

CONTRACTORS MUST 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	<p style="font-size: 2em; font-weight: bold;">E-02</p> <p>DWG NO</p> <p>PROJECT NO.: 15-041</p>
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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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
	P33	DISTRIBUTION BOARD

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

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
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
	SERVICES ENG:	DRAWING TITLE: AS GIVEN
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

E-03

DWG NO PROJECT NO.: 15-041

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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

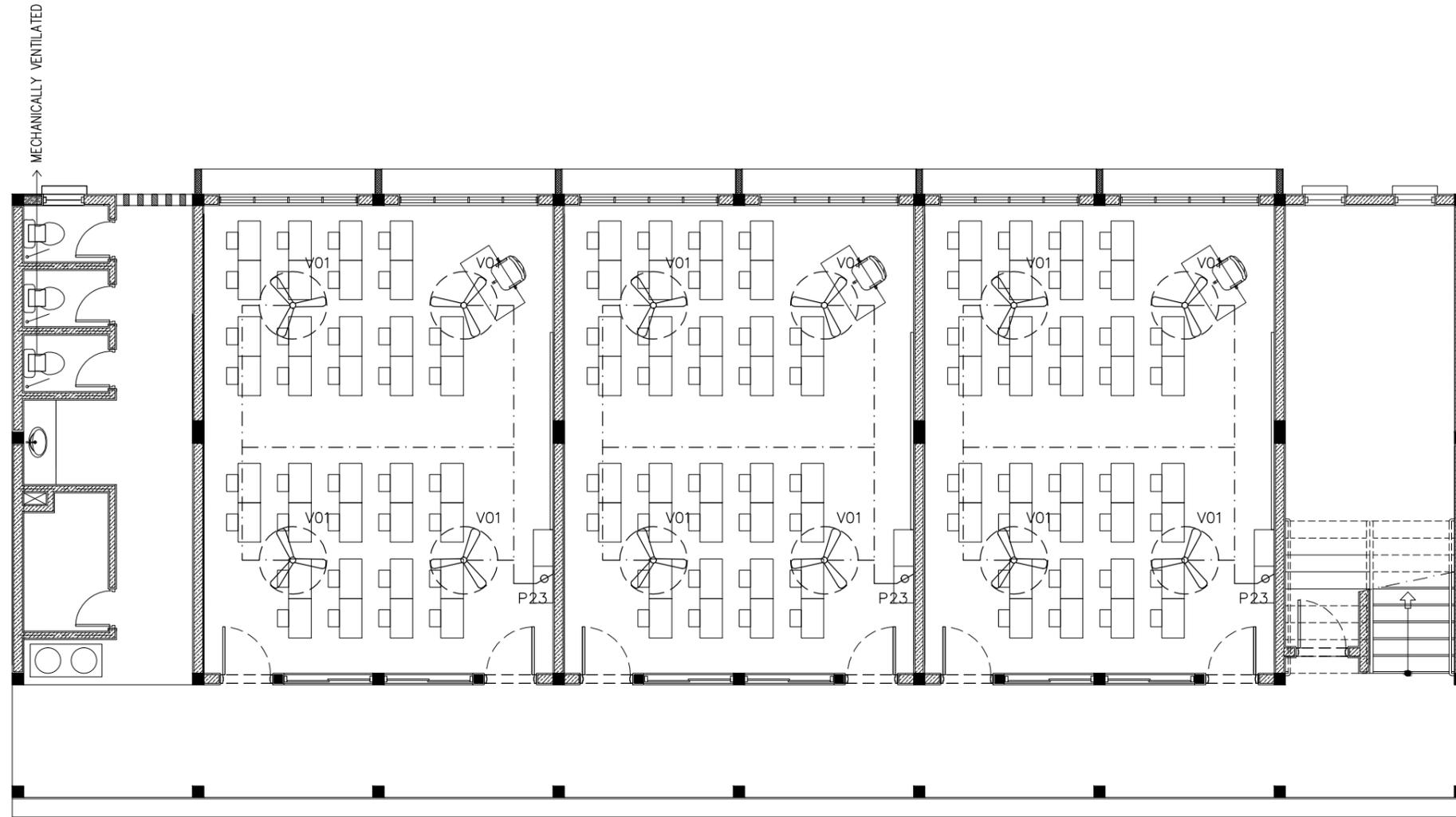
1ST/2ND FLOOR POWER SOCKET LAYOUT PLAN

SCALE 1:100

CONTRACTORS MUST CHECK ALL 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-04 DWG NO
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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LEGEND

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

GROUND FLOOR FAN LAYOUT PLAN

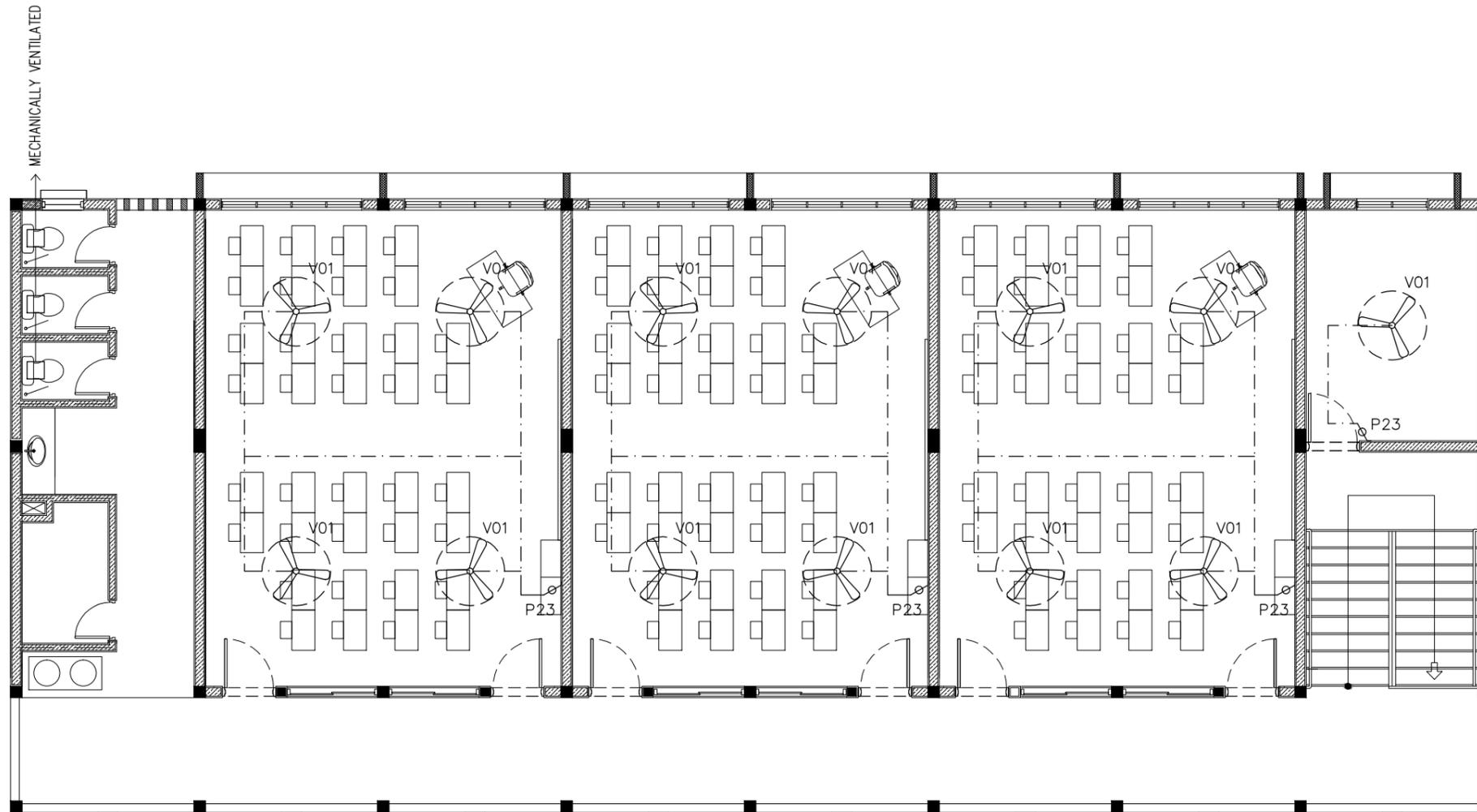
SCALE 1:100

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



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	<p>E-05 DWG NO PROJECT NO: 15-041</p>
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	

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LEGEND

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

1ST/2ND FLOOR FAN LAYOUT PLAN

SCALE 1:100

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



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

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN
DIMENSION: MM
DATE: FEBRUARY 2016

E-06

DWG NO
PROJECT NO.: 15-041

**PROPOSED 09 CLASS ROOM BLOCK AT
HDH.VAIKARADHOO
HDH. ATOLL SCHOOL
(3 STOREY)**

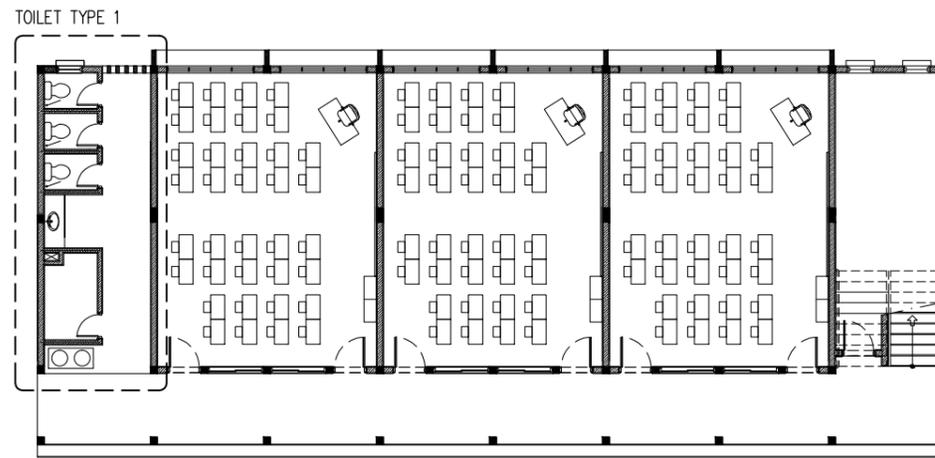
PLUMBING DRAWINGS

FEBRUARY 2016

CLIENT : MINISTRY OF EDUCATION

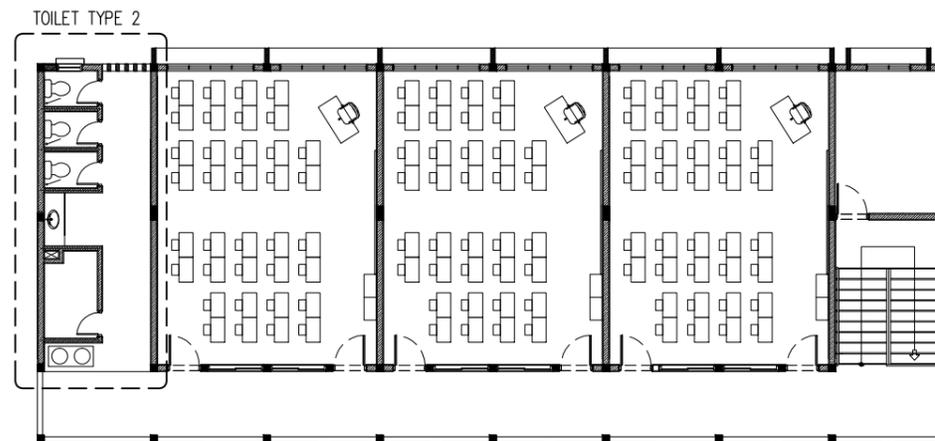
DESIGN BY

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



GROUND FLOOR PLUMBING KEY PLAN

SCALE 1:100



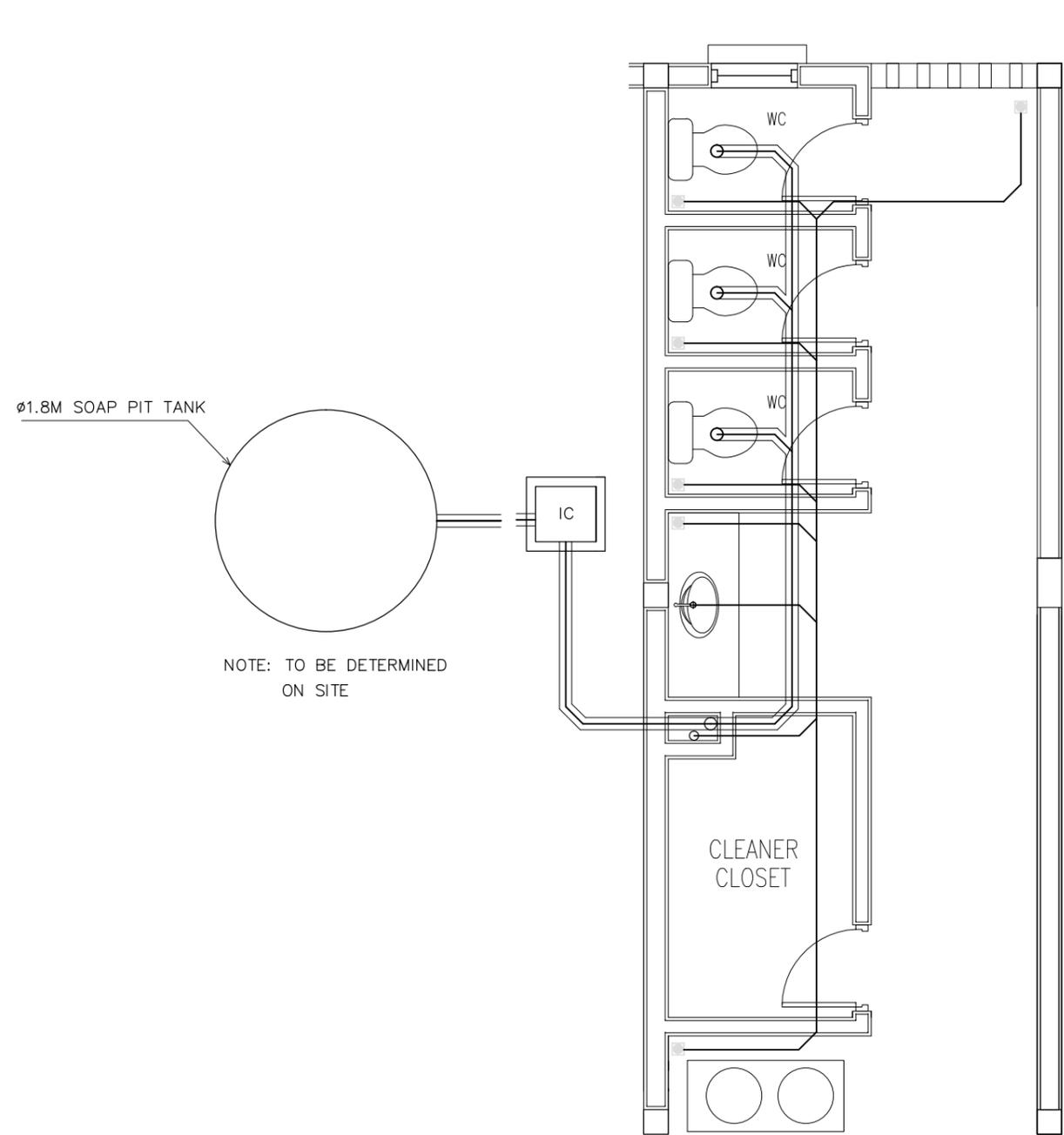
1ST/2ND FLOOR PLUMBING KEY PLAN

SCALE 1:100

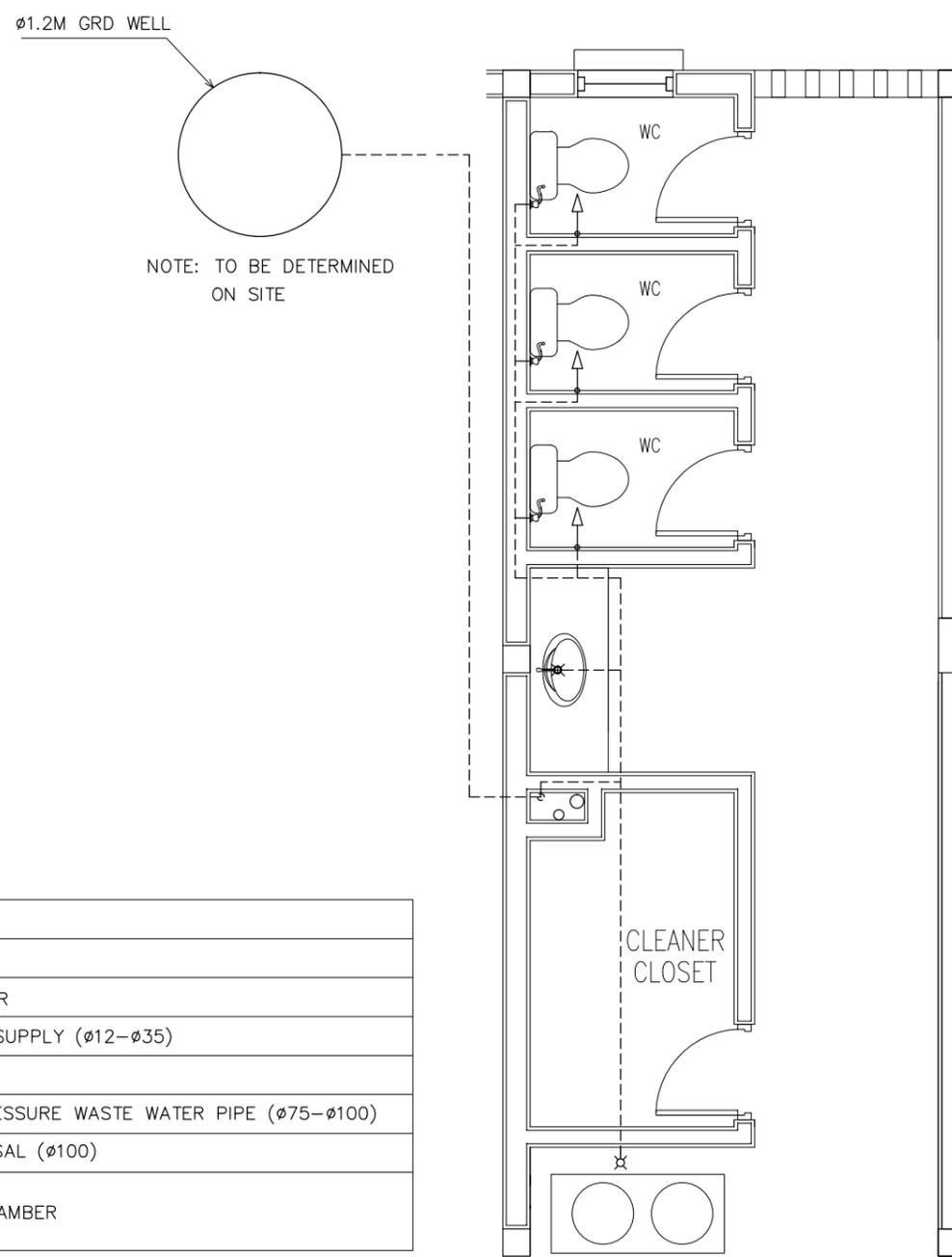
CONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE BEFORE STARTING ANY WORK OR SHOP DRAWINGS. FIGURED DIMENSIONS TO TAKE PRECEDENCE OVER SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	P-01 DWG NO PROJECT NO.: 15-041
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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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 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: AS GIVEN
ESTIMATOR: AS GIVEN
DRAWN BY: ASFAN AHMED

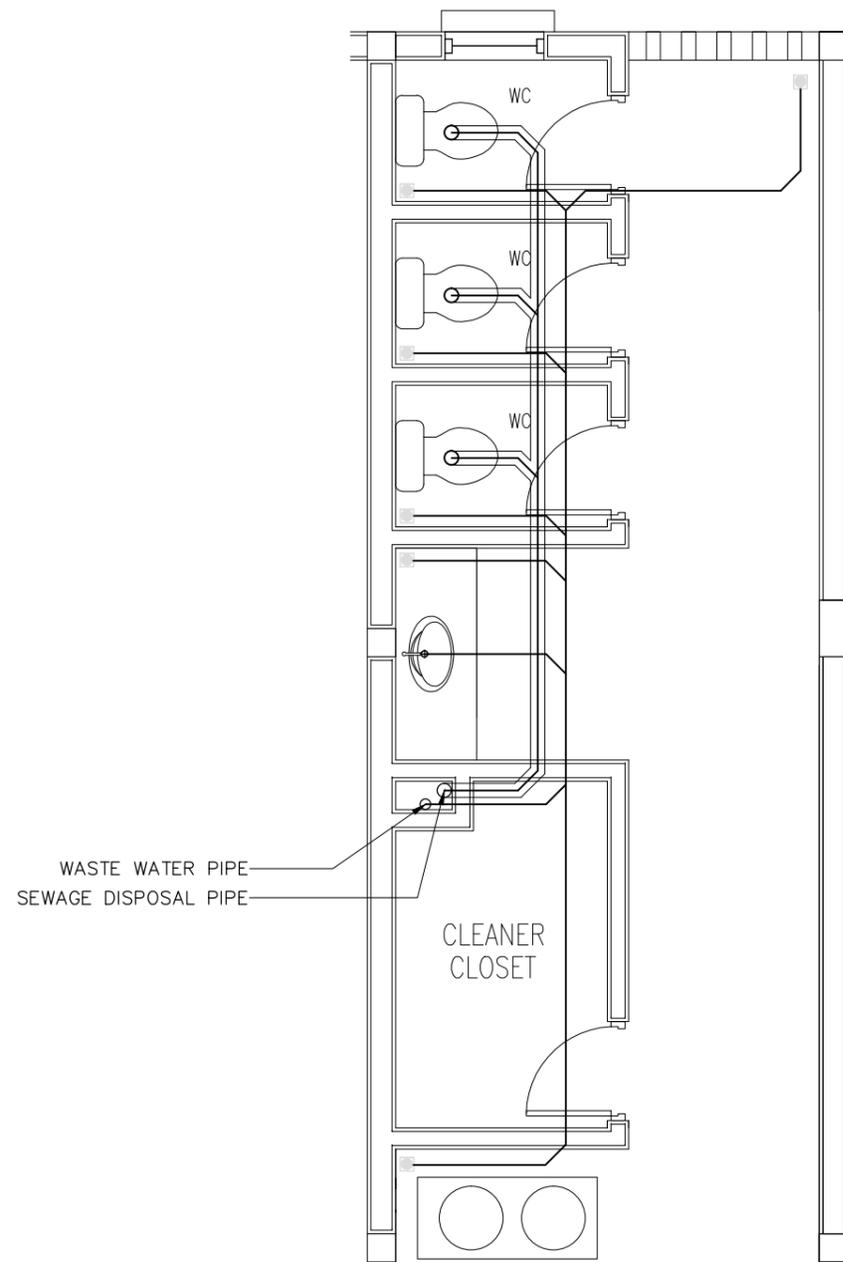
PROJECT: PROPOSED 9 CLASS ROOM BLOCK

LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

P-02

DWG NO
PROJECT NO.: 15-041

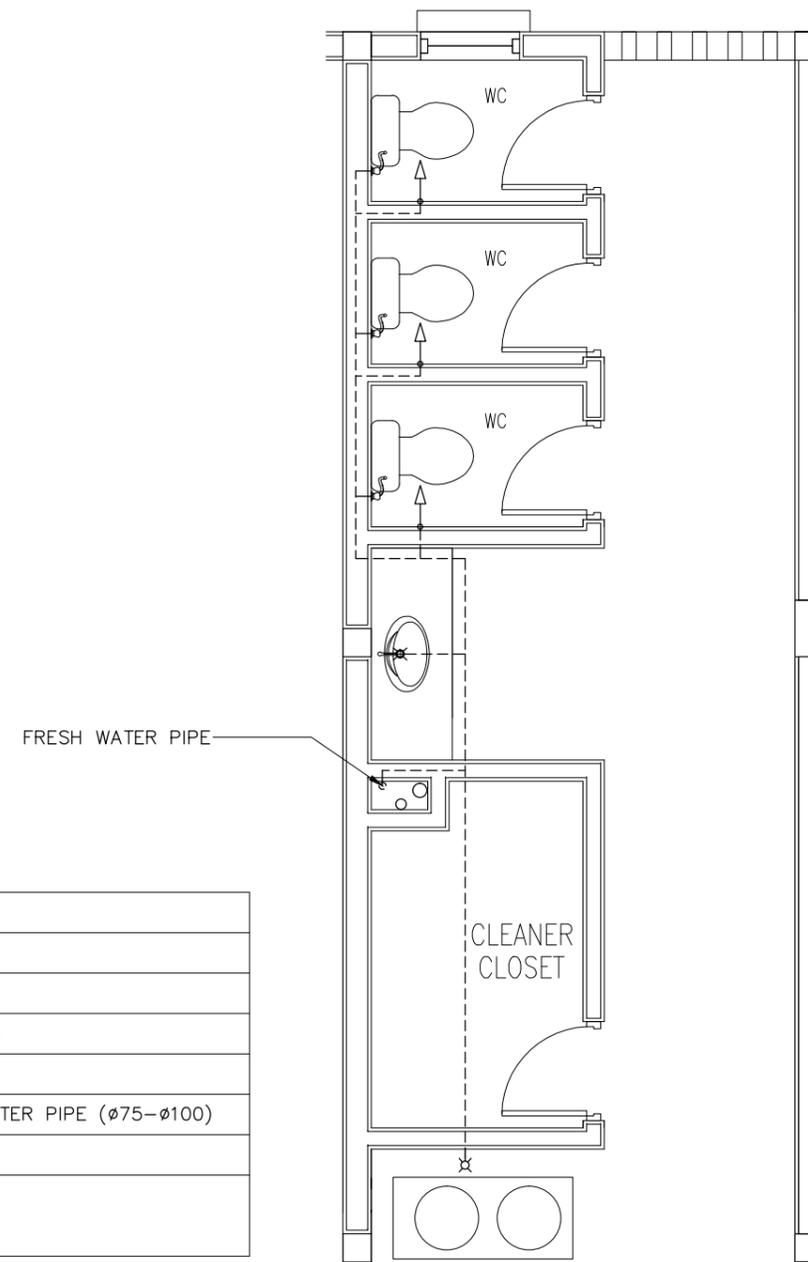
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**SEWAGE AND WASTE DISPOSAL
PLAN (TOILET TYPE 1)**
SCALE 1:50

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

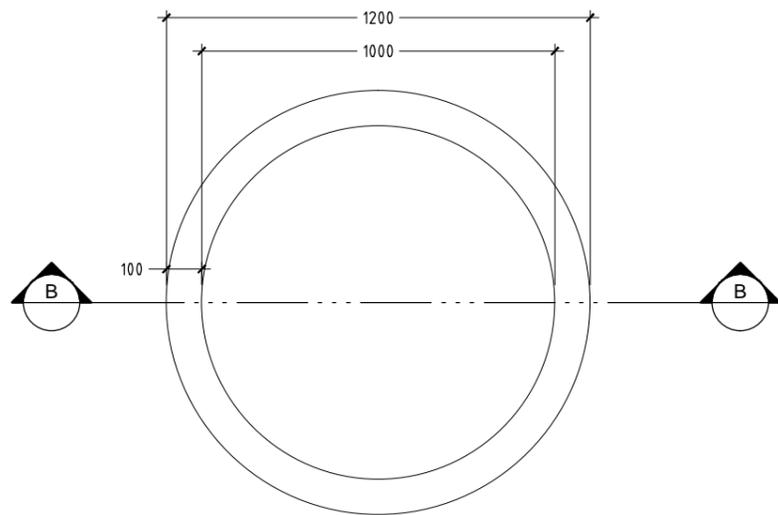


**FRESH WATER SUPPLY PLAN
(TOILET TYPE 1)**
SCALE 1:50

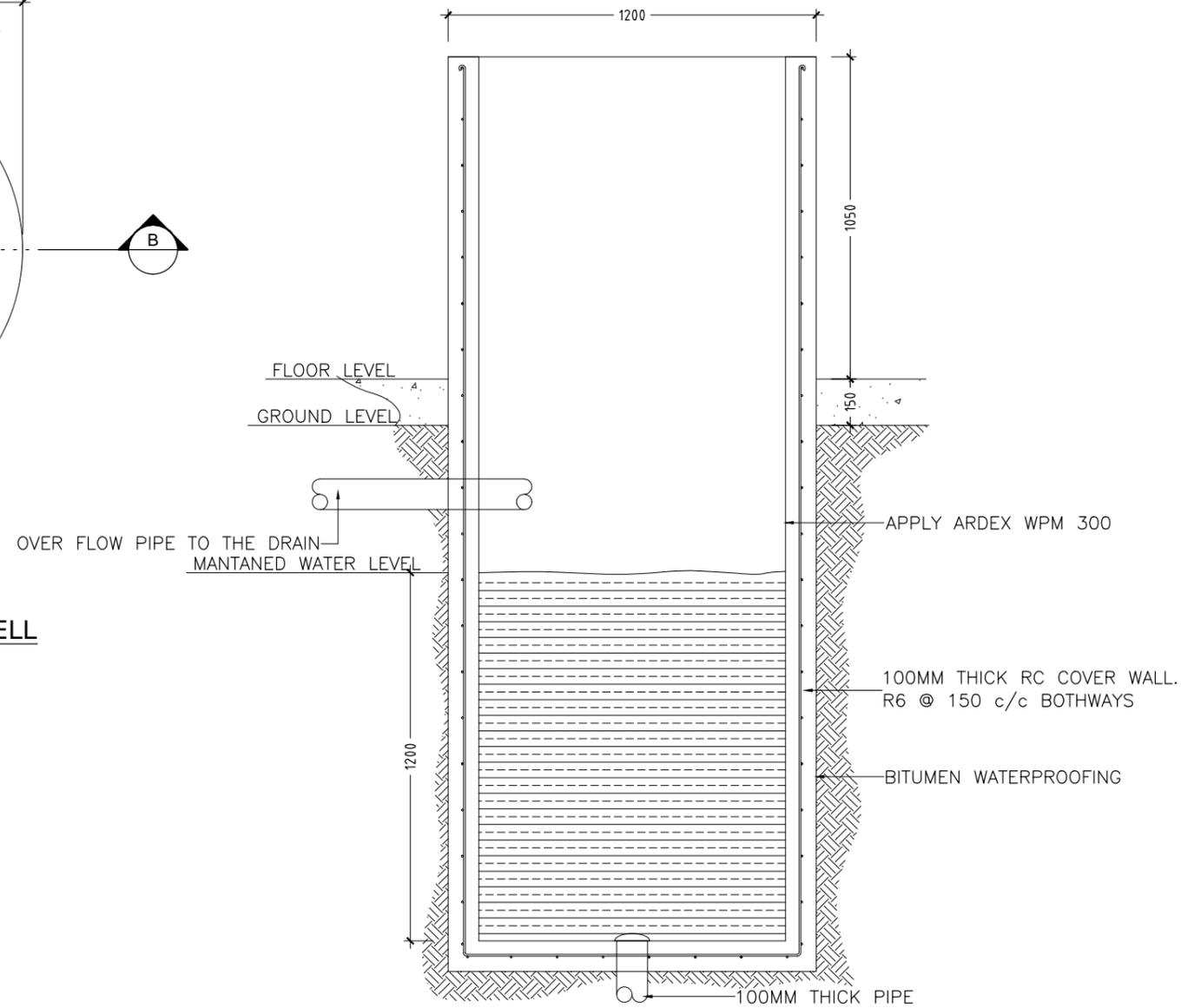
CONTRACTORS MUST
CHECK ALL
DIMENSIONS ON SITE
BEFORE STARTING
ANY WORK OR SHOP
DRAWINGS. FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



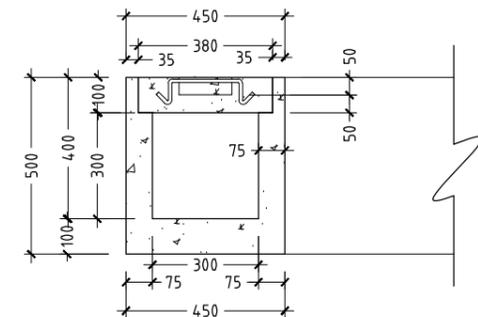
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	P-03
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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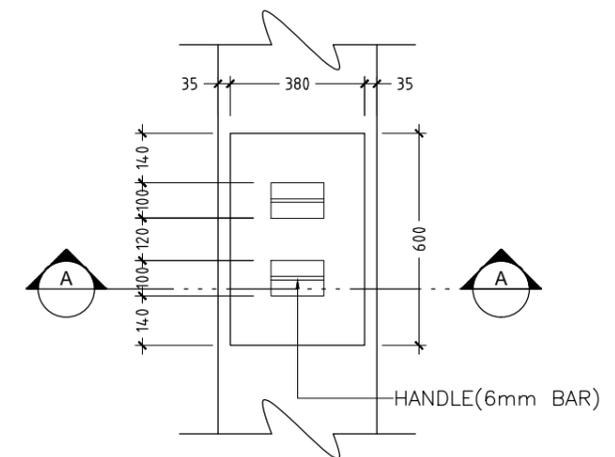
DETAIL B/ PLAN VIEW OF WELL
SCALE 1 : 20



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



DETAIL A/ SECTION A-A
SCALE 1 : 20



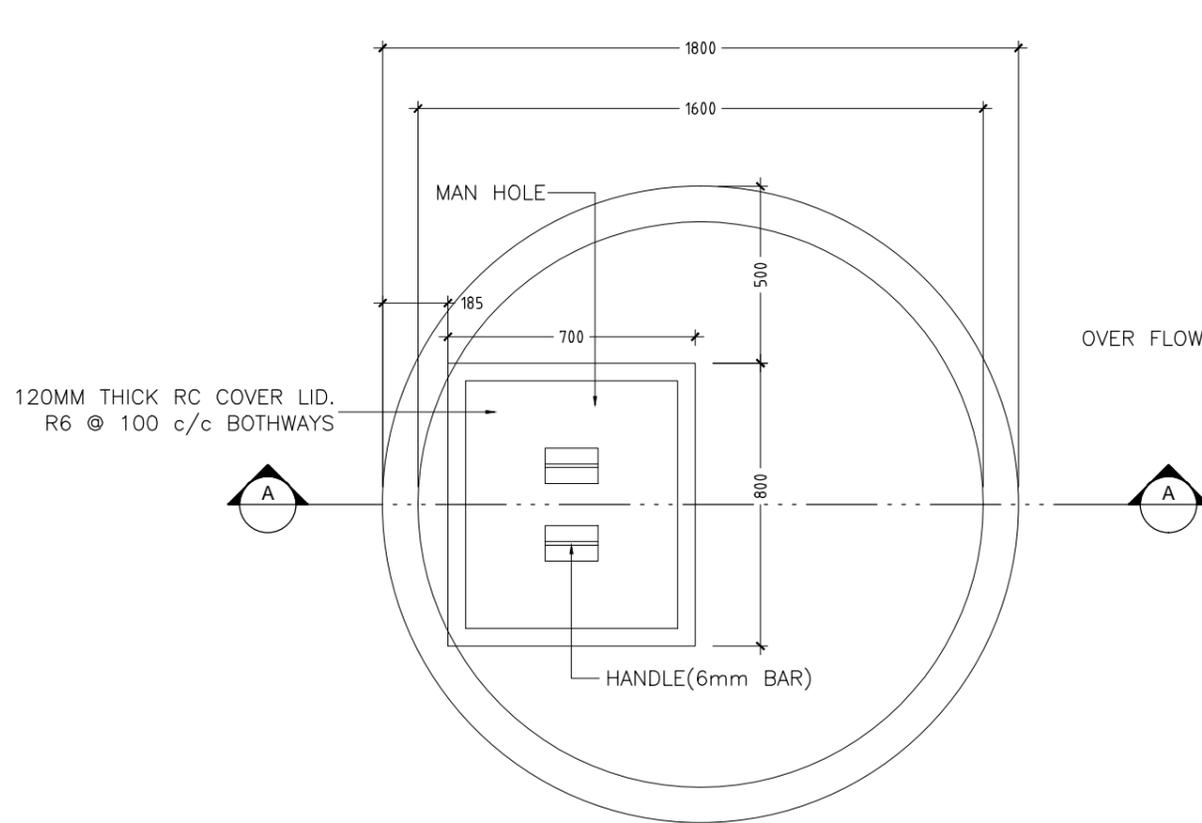
DETAIL A / PLAN VIEW OF INSPECTION POINT
SCALE 1 : 20

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

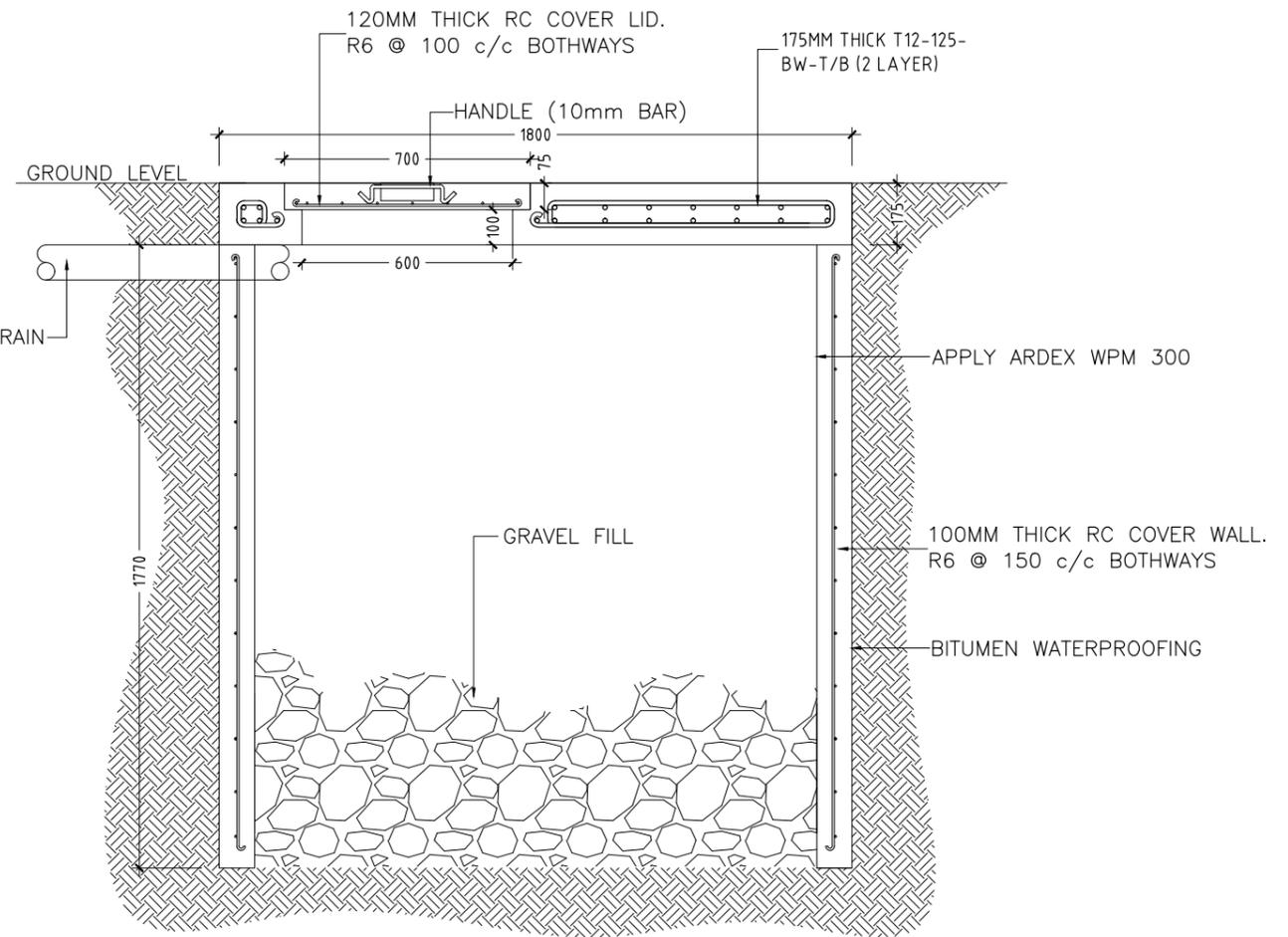


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	<div style="font-size: 2em; font-weight: bold; text-align: center;">P-04</div> DWG NO PROJECT NO.: 15-041
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	

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DETAIL A/ PLAN VIEW OF SOAK PIT TANK
SCALE 1 : 20



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

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



REVISION:

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

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN | DIMENSION: MM | DATE: FEBRUARY 2016

P-05

DWG NO

PROJECT NO.: 15-041

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**PROPOSED 09 CLASS ROOM BLOCK AT
HDH.VAIKARADHOO
HDH. ATOLL SCHOOL
(3 STOREY)**

FIRE SAFETY DRAWINGS

FEBRUARY 2016

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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



LEGEND

SYMBOL	CODE	DESCRIPTION
	F02	BREAK GLASS MANUAL CALL POINT
	F03	SMOKE DETECTOR
	F05	FIRE ALARM BELL
	F07	PORTABLE EXTINGUISHER (H2O)
	F08	PORTABLE EXTINGUISHER (CO2)
	F09	JUNCTION BOX
	F10	CONVENTIONAL FIRE ALARM PANEL
	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	<p style="font-size: 2em; font-weight: bold;">F-01</p> <p>DWG NO</p> <p>PROJECT NO.: 15-041</p>
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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LEGEND

SYMBOL	CODE	DESCRIPTION
	F02	BREAK GLASS MANUAL CALL POINT
	F03	SMOKE DETECTOR
	F05	FIRE ALARM BELL
	F07	PORTABLE EXTINGUISHER (H2O)
	F08	PORTABLE EXTINGUISHER (CO2)
	F09	JUNCTION BOX
	F10	CONVENTIONAL FIRE ALARM PANEL
	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 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	<h1 style="font-size: 2em; margin: 0;">F-02</h1> <p>DWG NO</p> <p>PROJECT NO.: 15-041</p>
	ENGINEER: MOHAMED AHSAN	LOCATION: HDH. VAIKARADHOO, HDH ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	

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