

PROPOSED 09 CLASS ROOM BLOCK AT S. MEEDHOO SEENU ATOLL SCHOOL (3 STOREY)

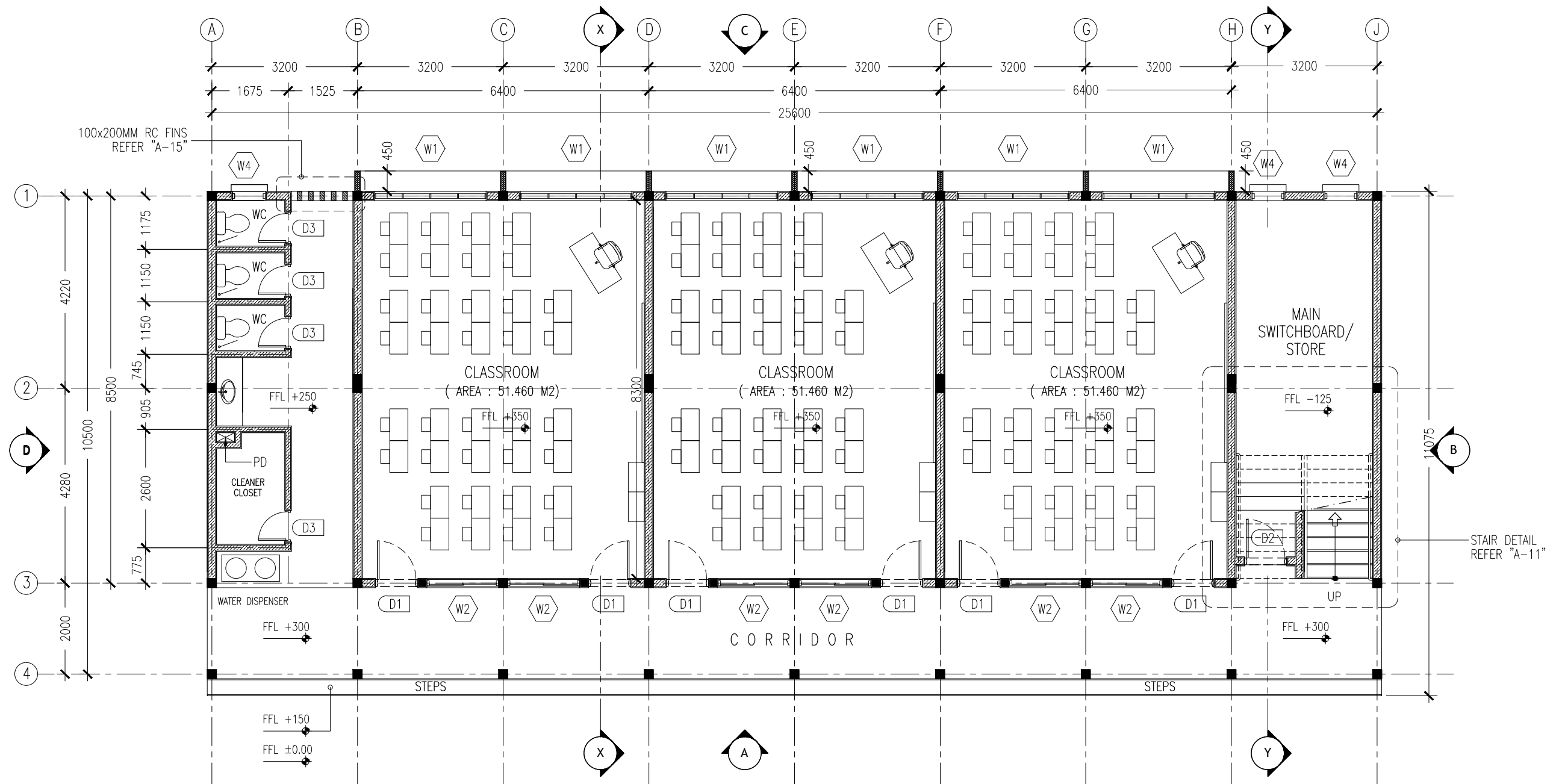
ARCHITECTURAL AND STRUCTURAL DRAWINGS

JUNE 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



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

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REVISION:

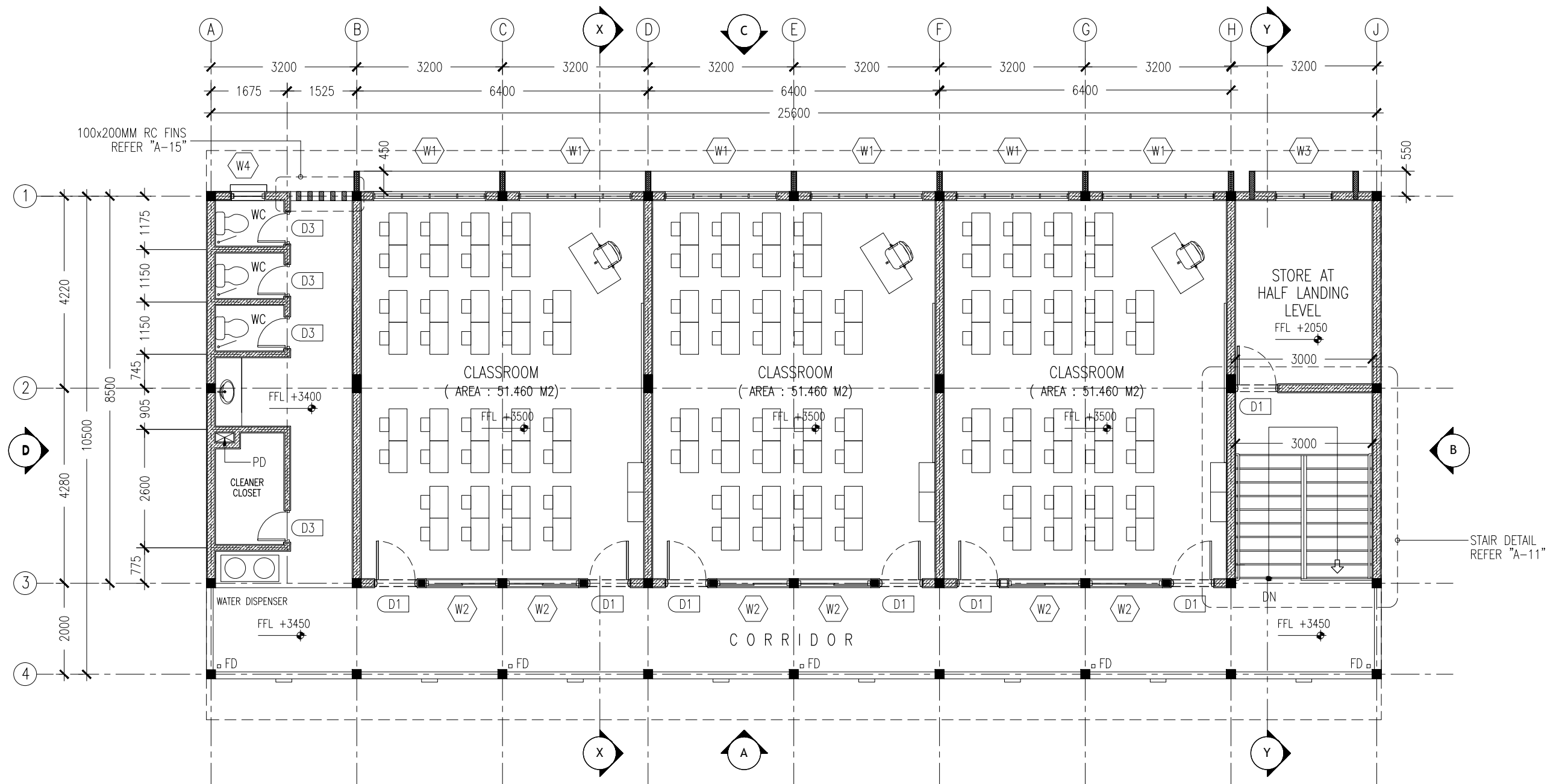
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015

A-01

DWG NO
PROJECT NO.: 15-041

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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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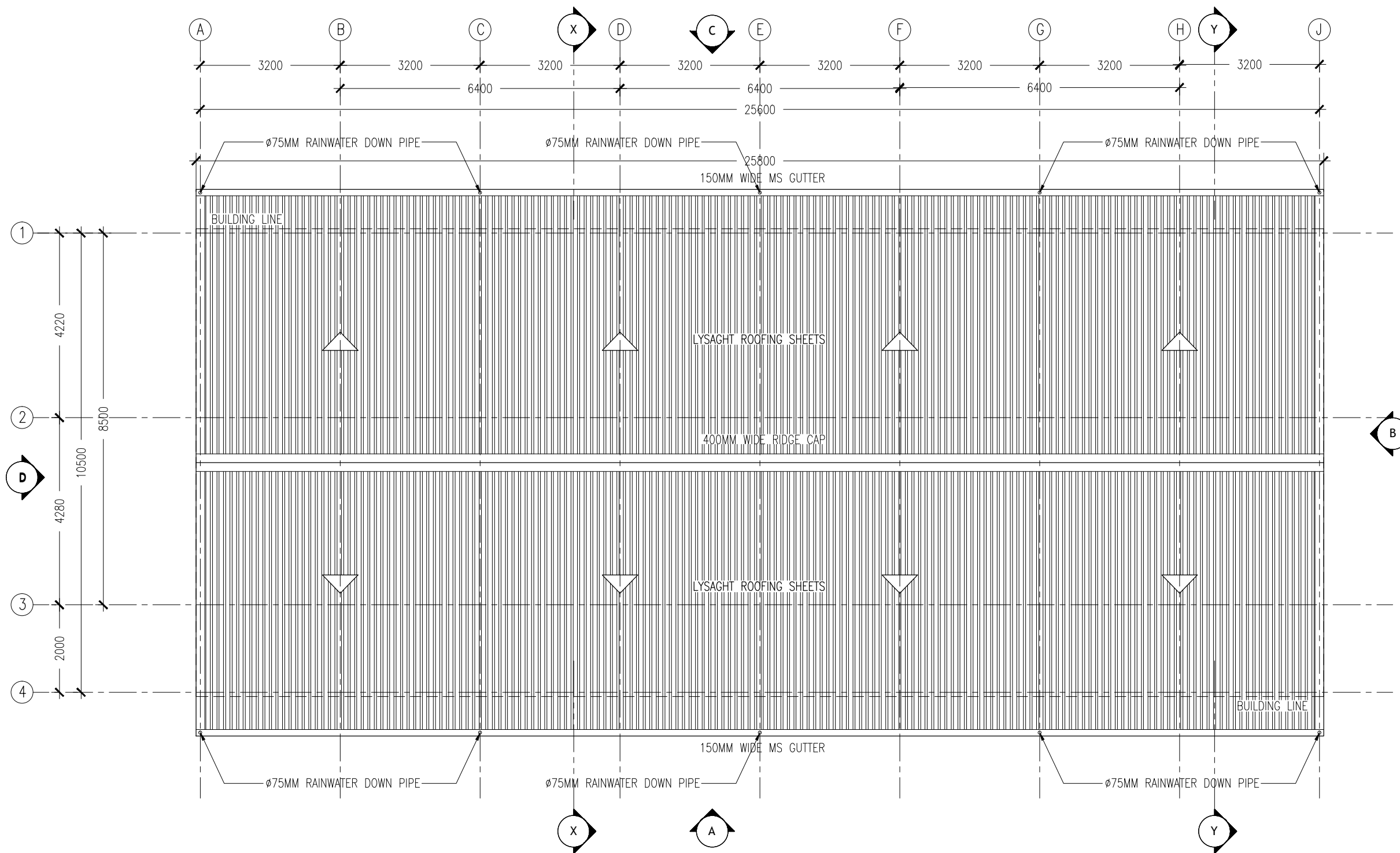
REVISION:

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

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A-02
DWG NO
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ROOF LAYOUT PLAN
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:	S. MEEDHOO, SEENU ATOLL SCHOOL
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SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	JUNE 2015

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

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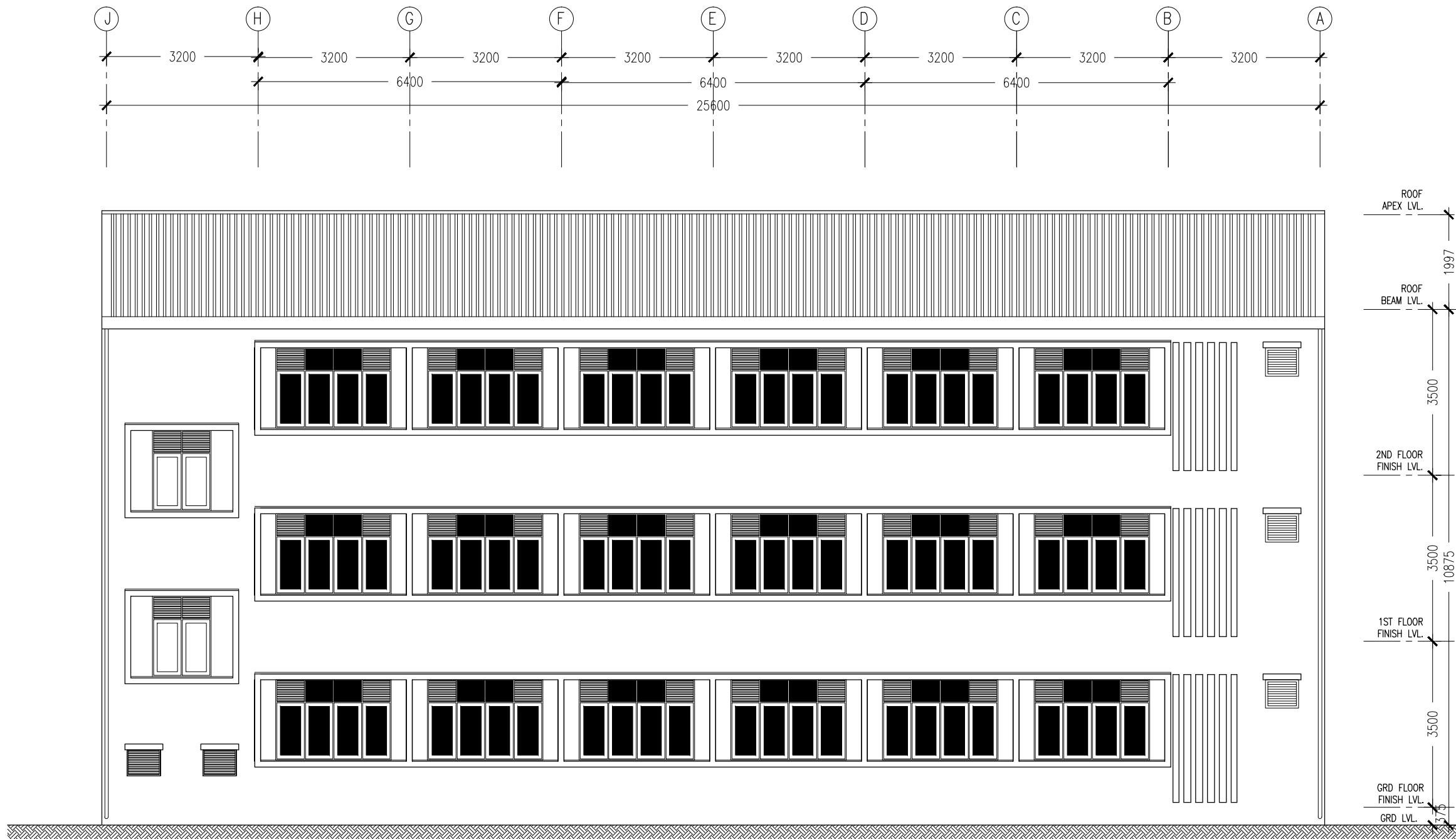
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL
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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

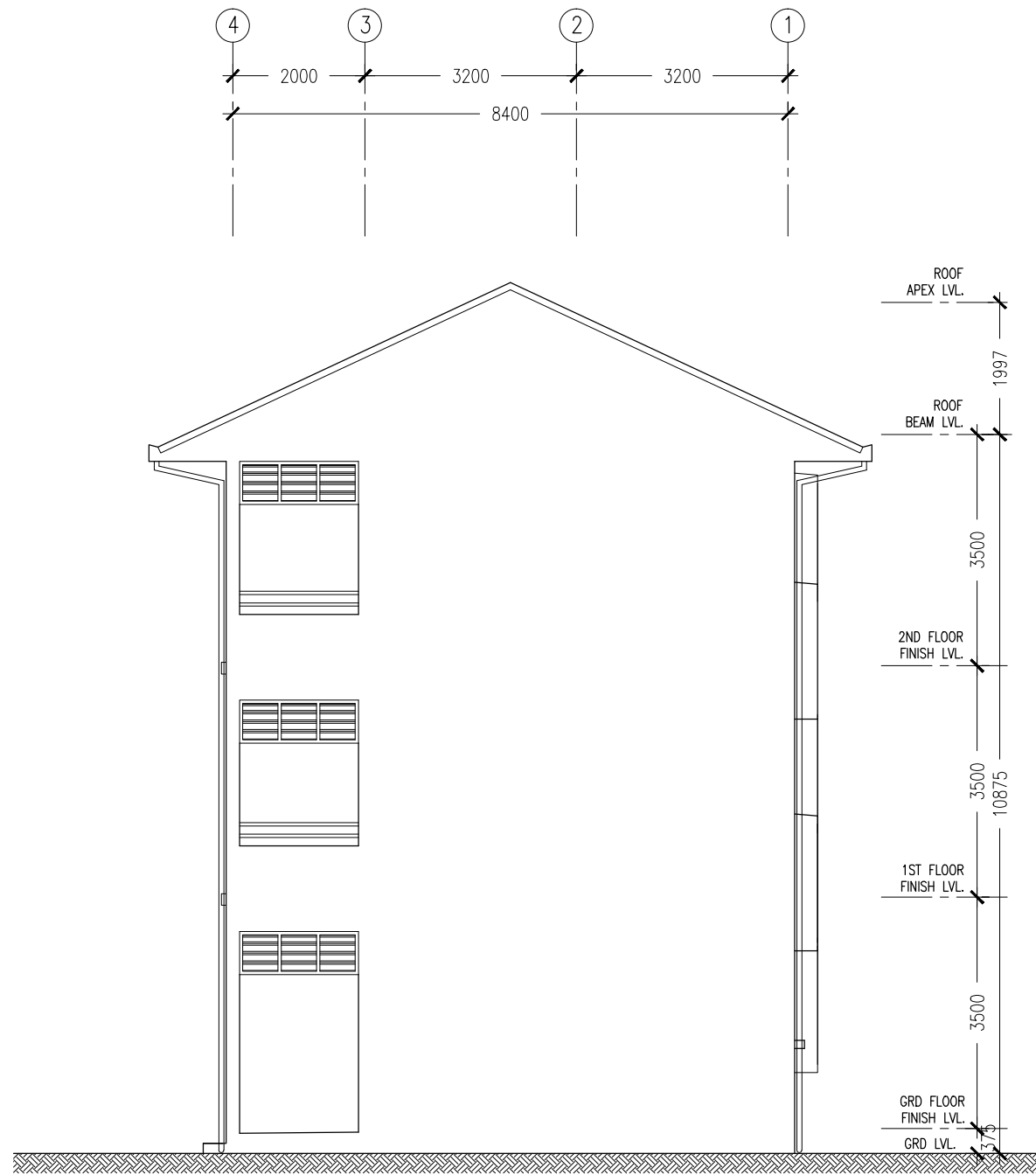
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SCALE: AS GIVEN
DIMENSION: MM
DATE: JUNE 2015

A-05

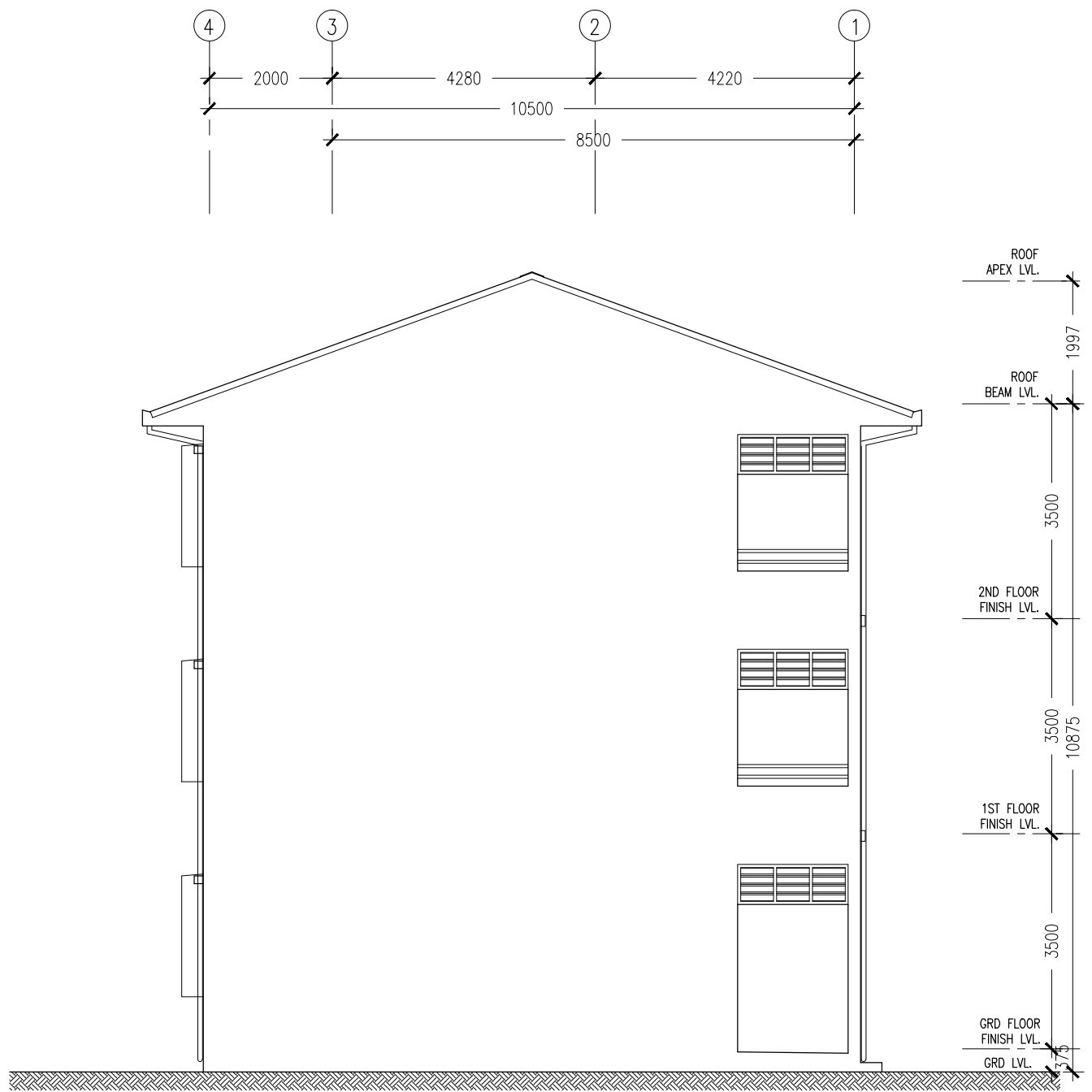
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ELEVATION - C
SCALE 1:100

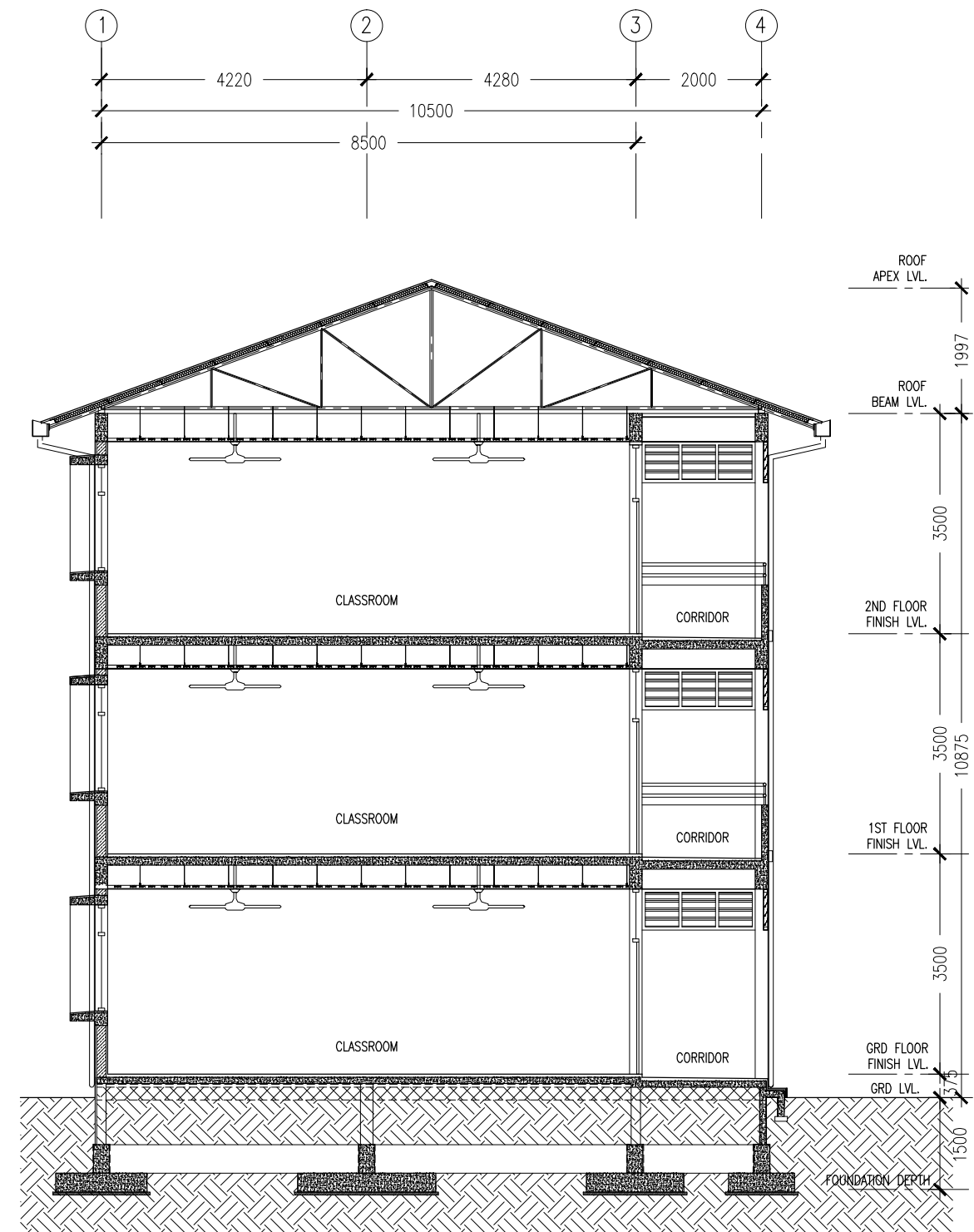
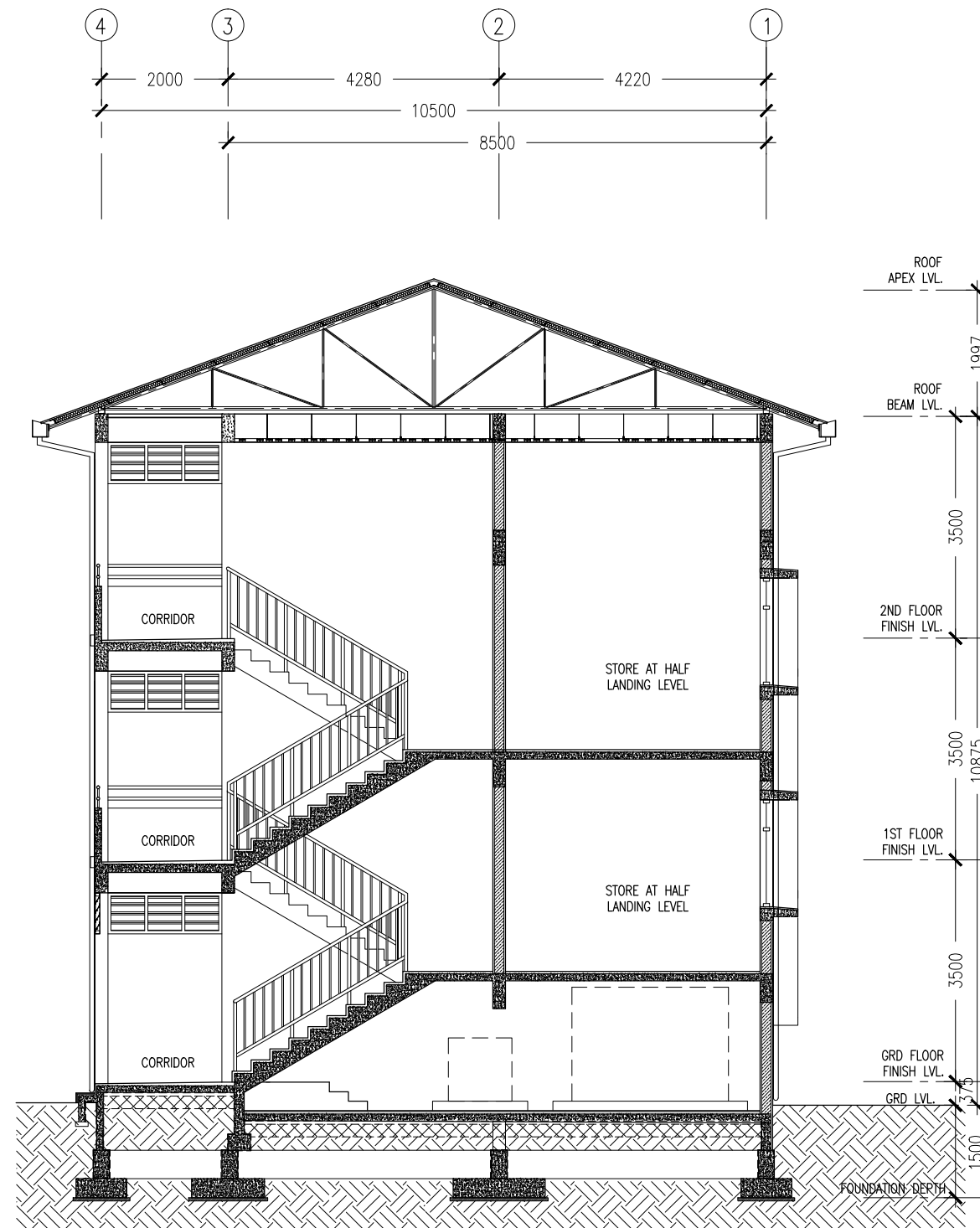


ELEVATION - D
SCALE 1:100

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REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:			PROPOSED 9 CLASS ROOM BLOCK			A-06
	ENGINEER:	MOHAMED AHSAN	LOCATION:			S. MEEDHOO, SEENU ATOLL SCHOOL			
	SERVICES ENG:		DRAWING TITLE:			AS GIVEN			
	ESTIMATOR:		CLIENT:			MINISTRY OF EDUCATION			
	DRAWN BY:	ASFAN AHMED	SCALE:			AS GIVEN	DIMENSION:	MM	
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SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

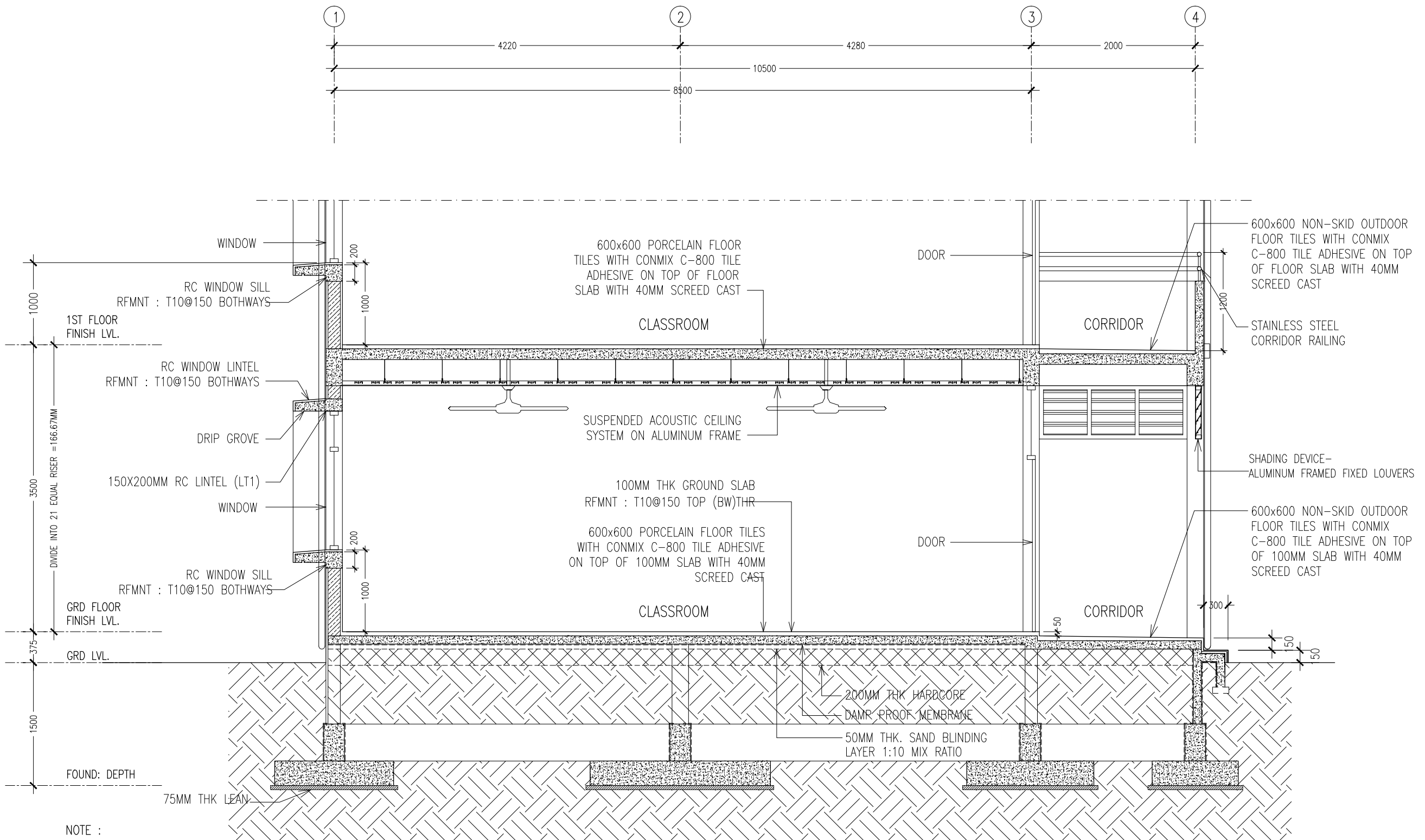
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SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015

A-07

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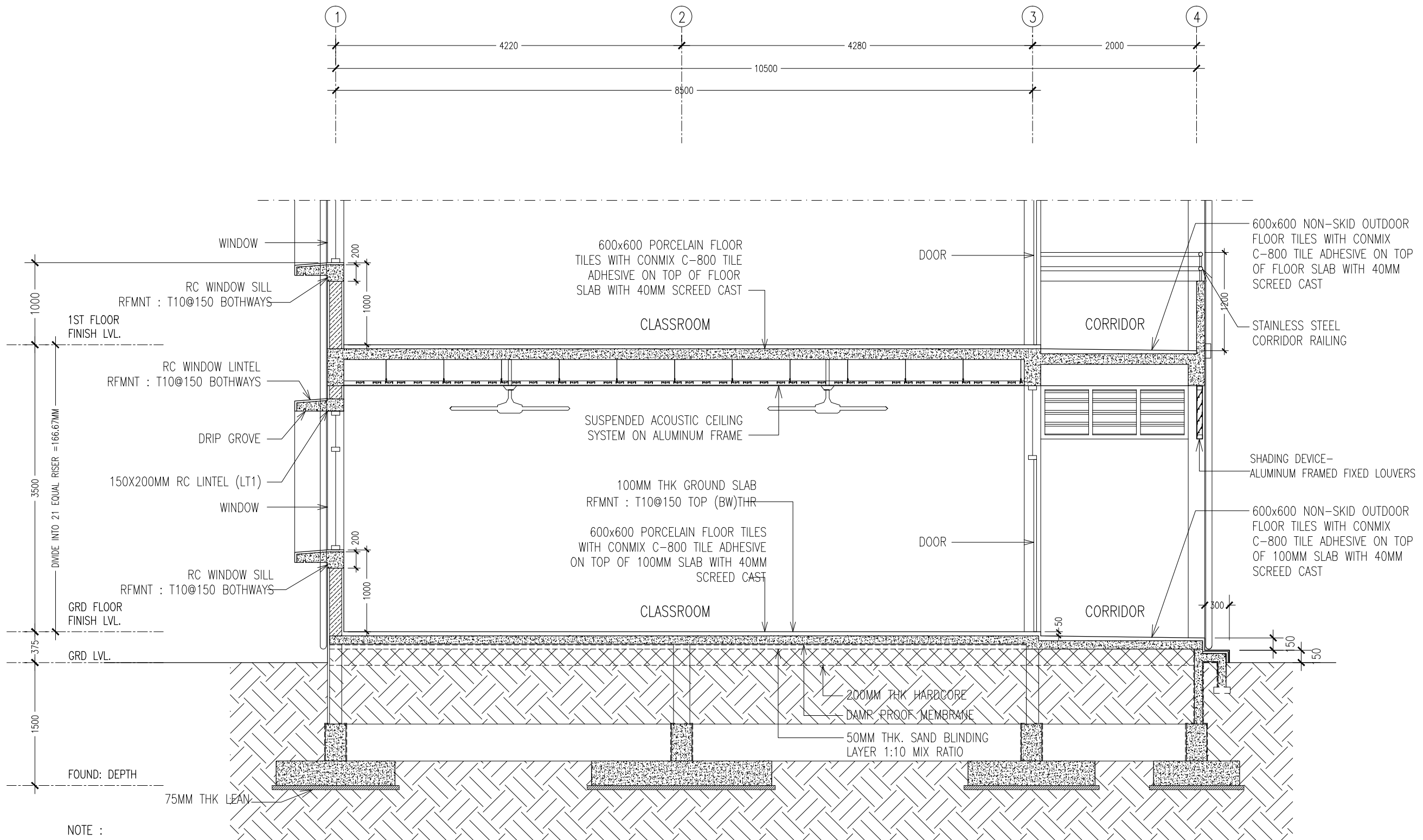


SECTION DETAIL Y-Y
SCALE 1:50

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

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-10
	ENGINEER: MOHAMED AHSAN	LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015	
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SECTION DETAIL Y-Y
SCALE 1:50

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

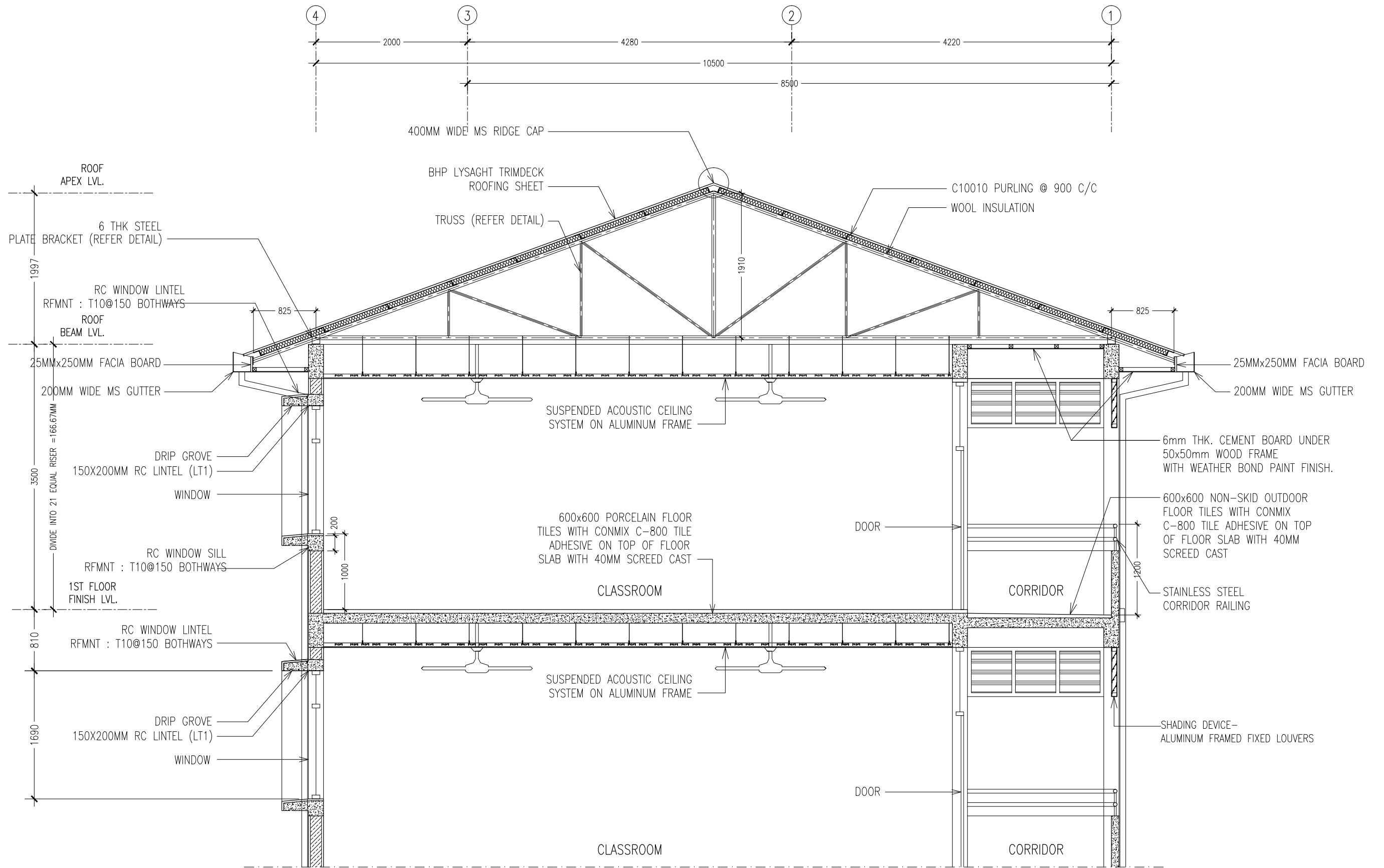
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A-10

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SECTION DETAIL Y-Y
SCALE 1:50

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-11
	ENGINEER: MOHAMED AHSAN	LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015	
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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 LOUVRES
FAL : FIXED ALUMINUM LOUVRES

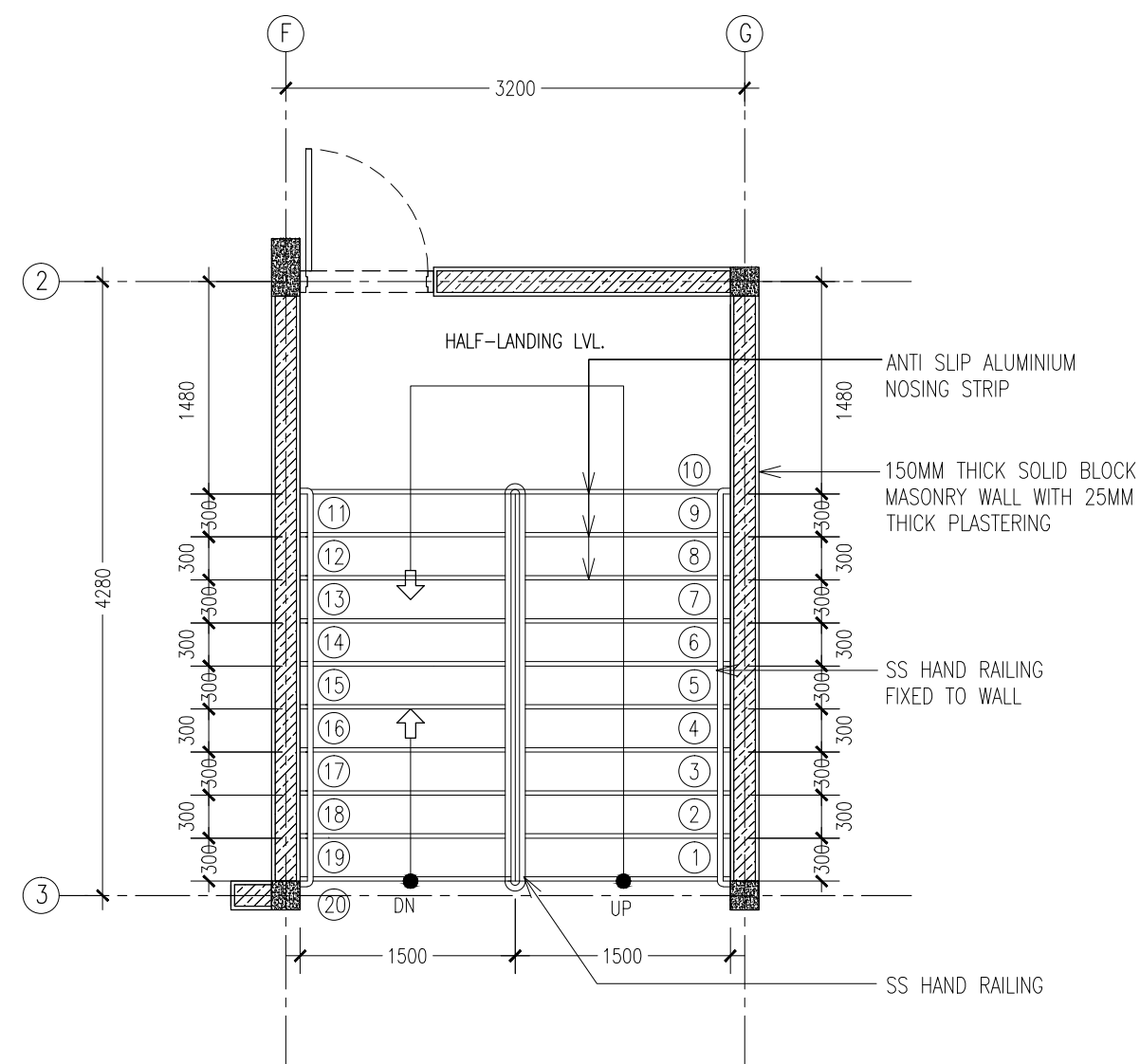
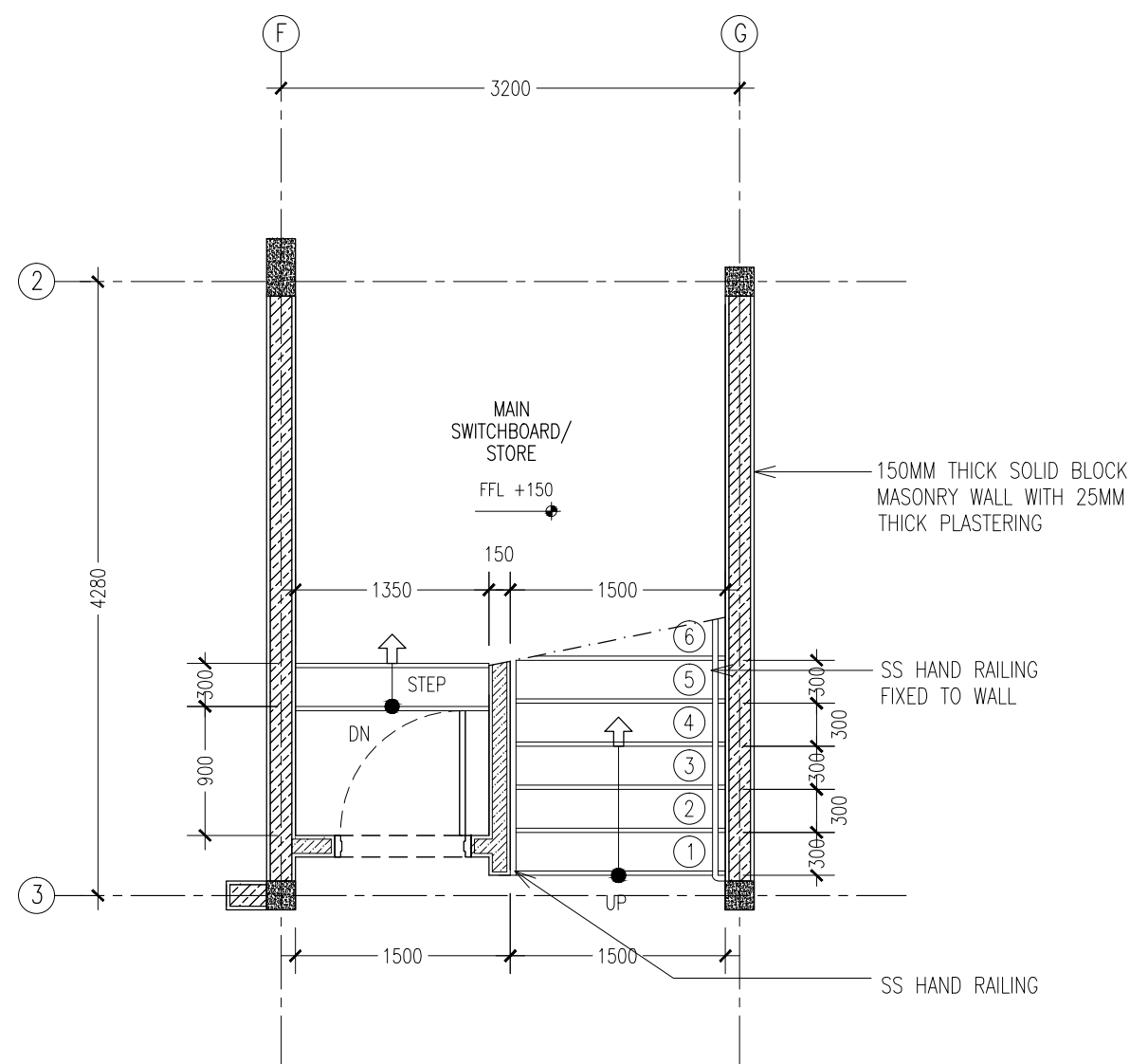
DOOR / WINDOW SCHEDULE

SCALE 1:50

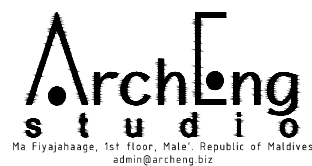
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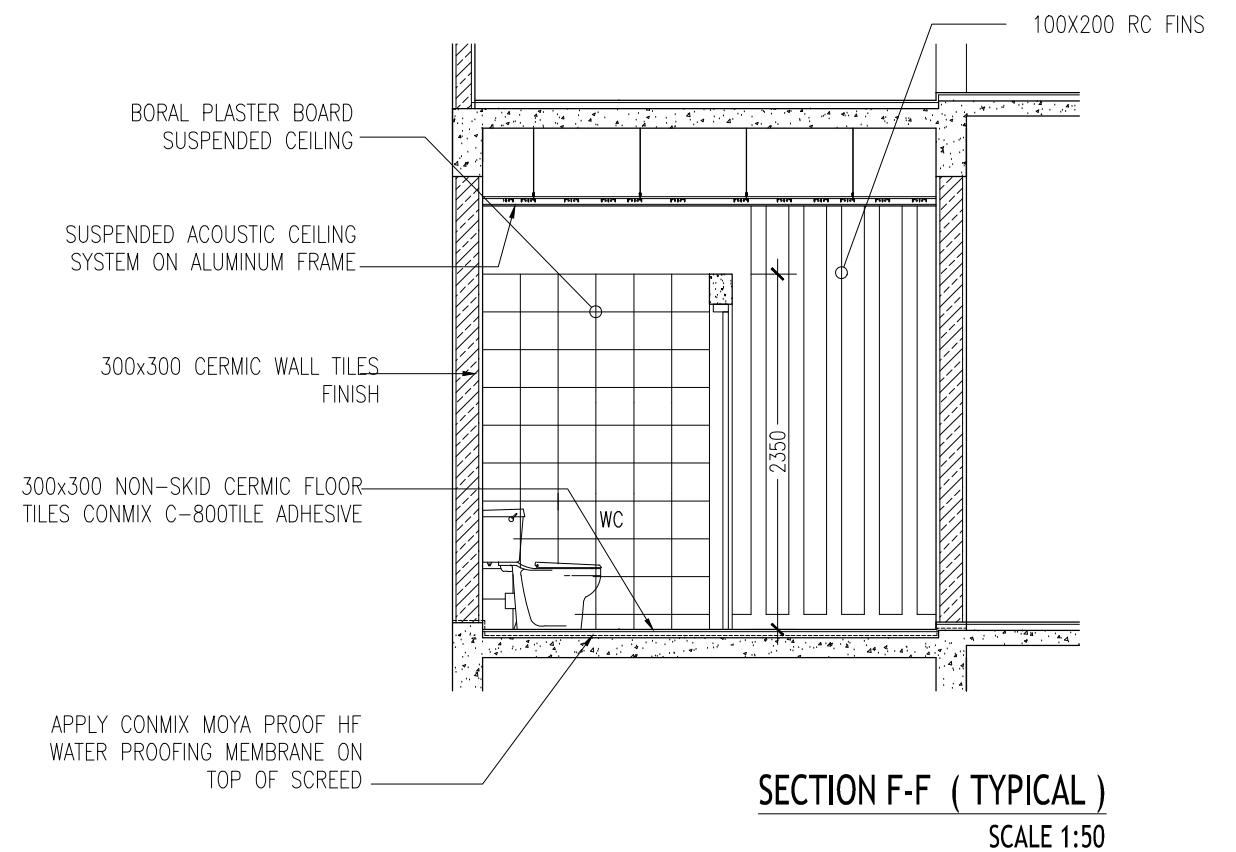
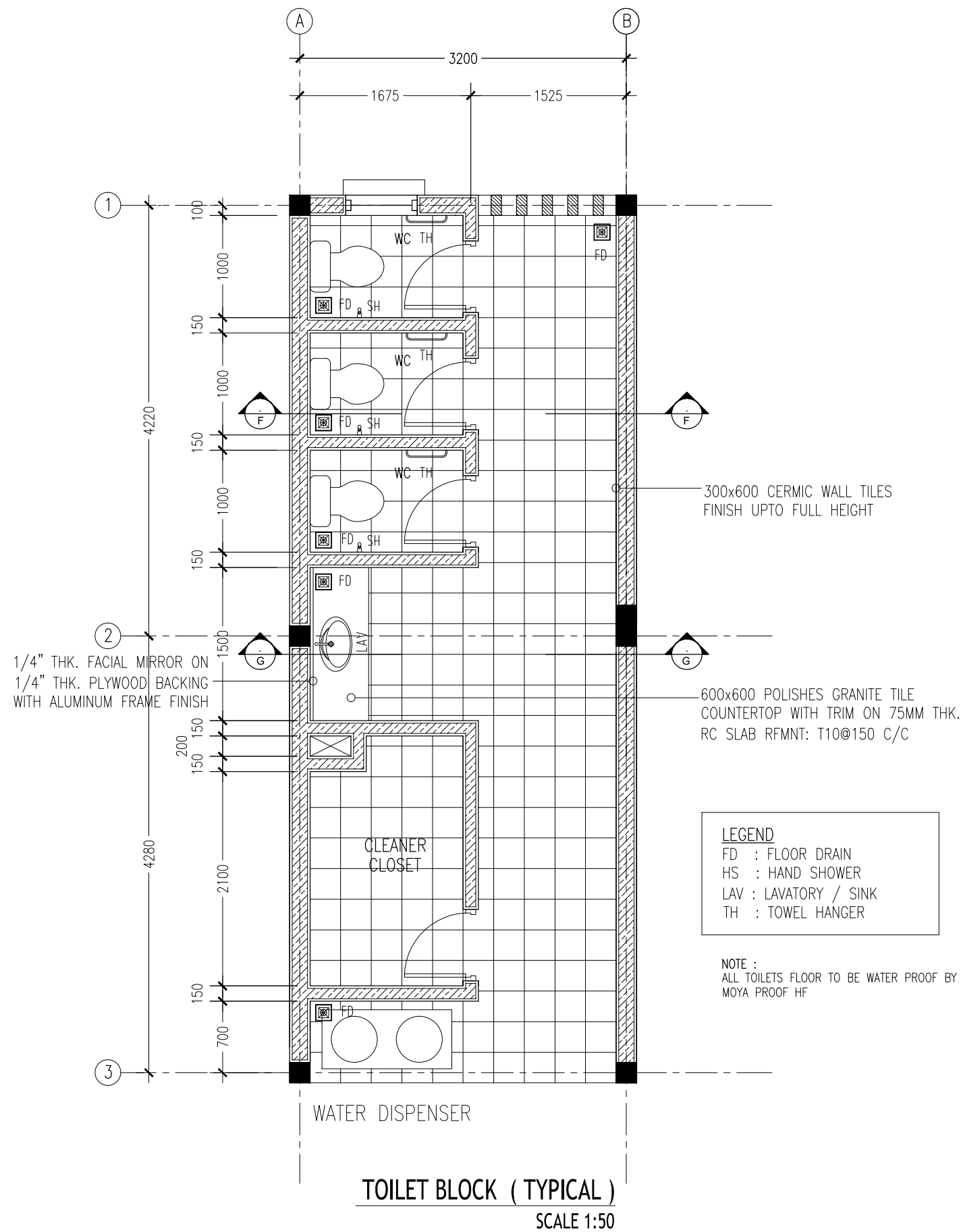
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-12	
	ENGINEER: MOHAMED AHSAN	LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL		
	SERVICES ENG:	DRAWING TITLE: AS GIVEN		
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION		
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN		
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK			<div style="font-size: 48px; font-weight: bold; text-align: center;">A-13</div>
	ENGINEER: MOHAMED AHSAN	LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL			
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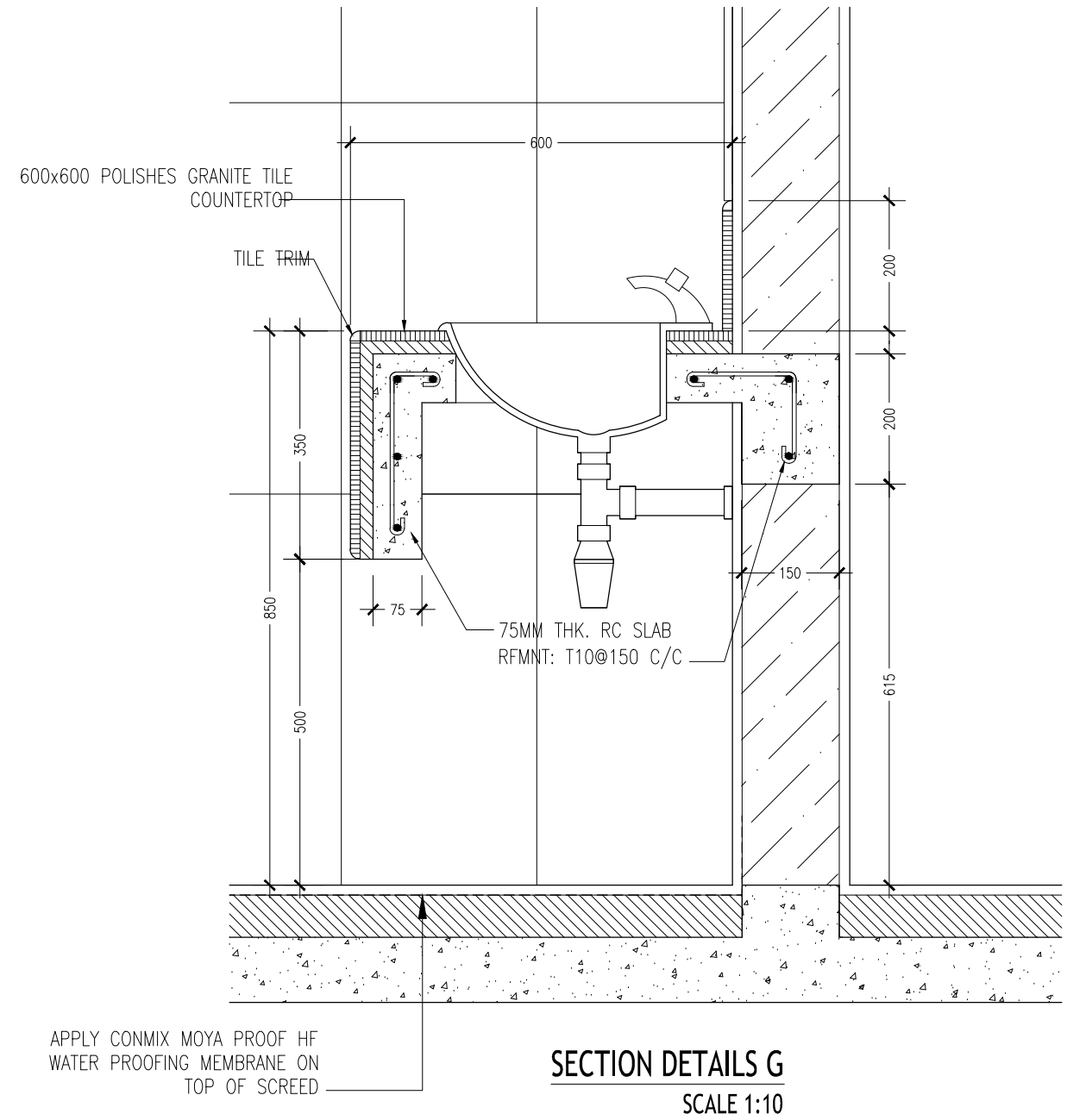
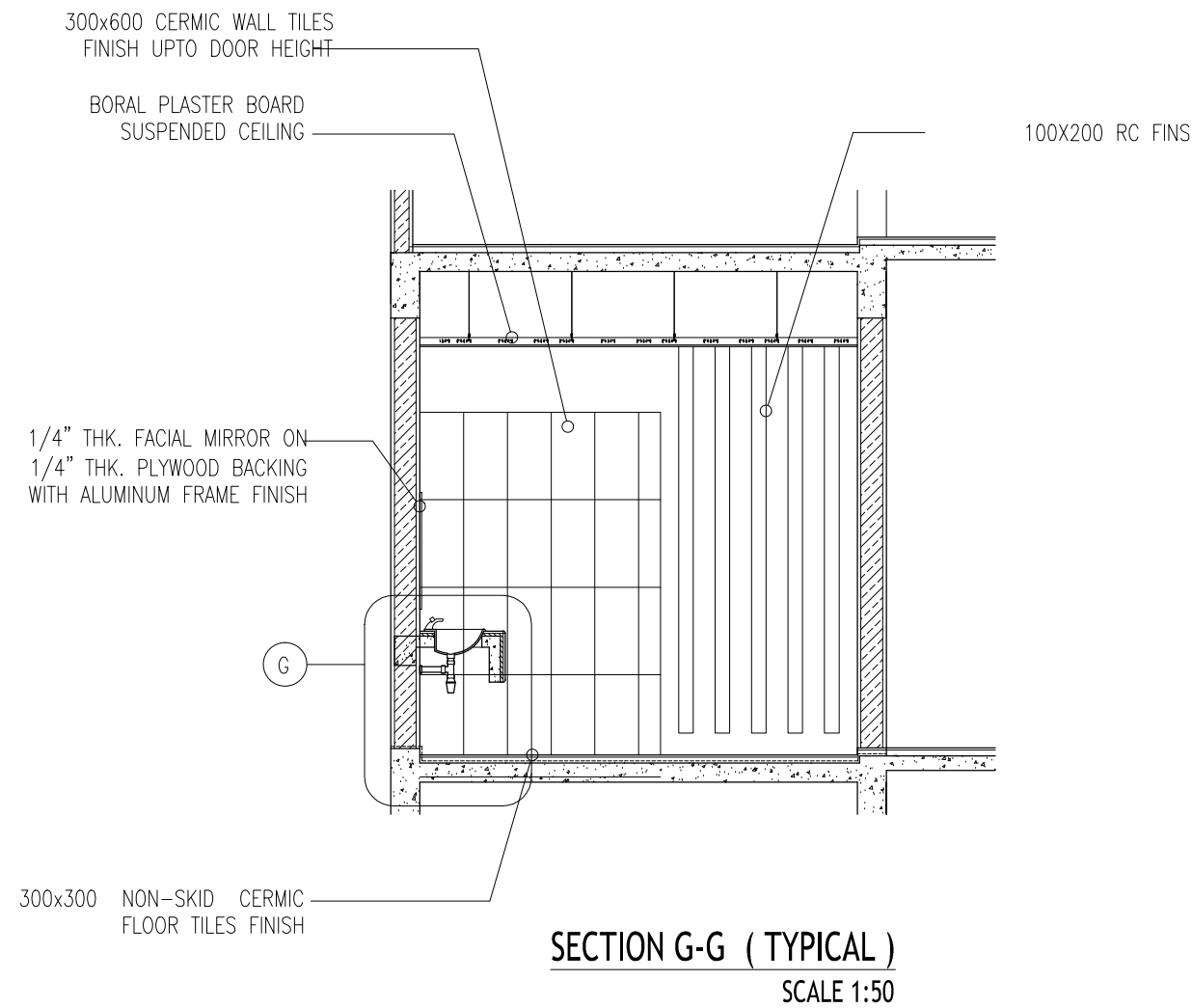
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A-14

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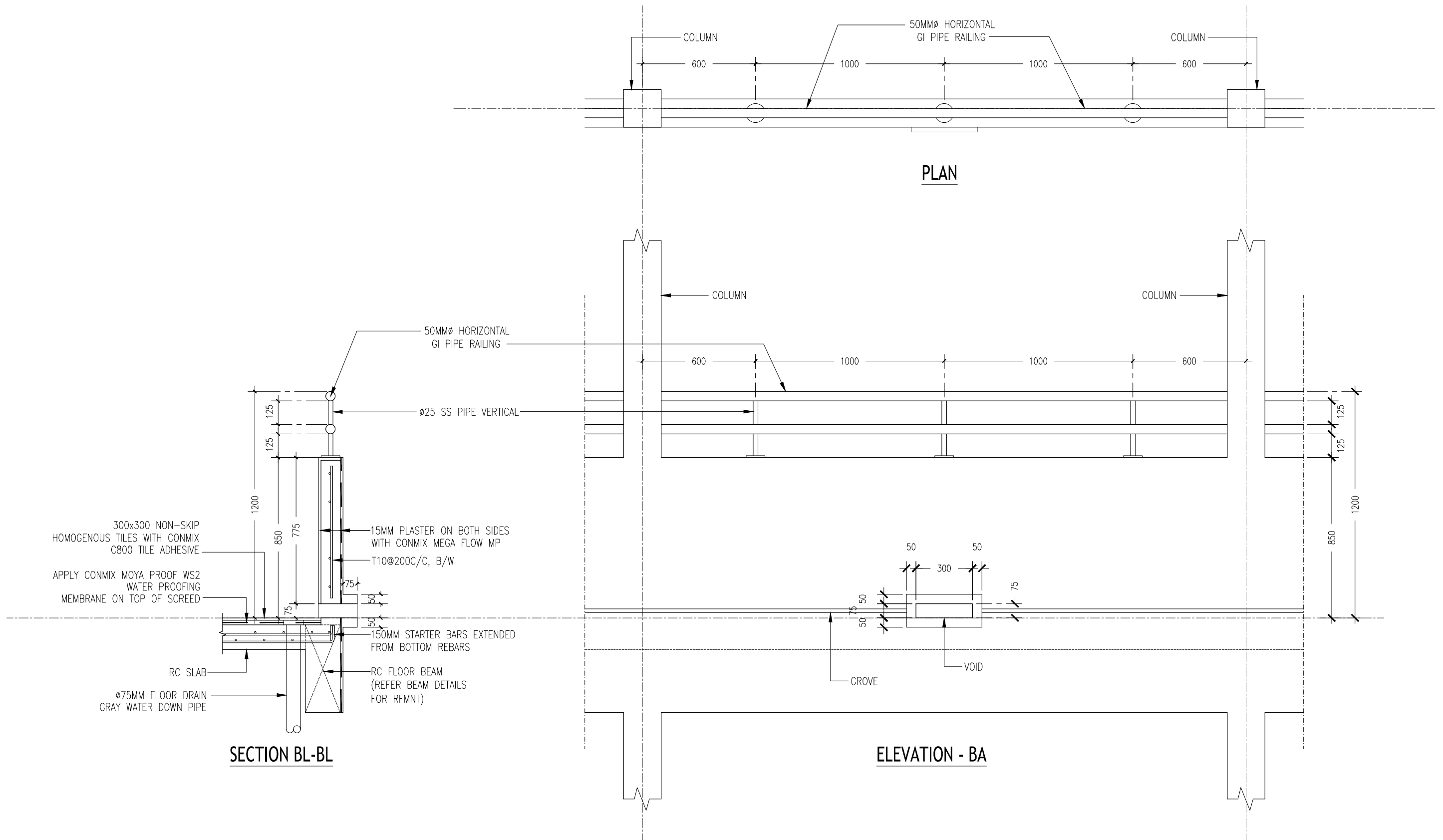


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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	A-15
	ENGINEER: MOHAMED AHSAN	LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL	
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			DWG NO PROJECT NO.: 15-041



TYPICAL BALCONY PARAPET WALL

SCALE 1:20

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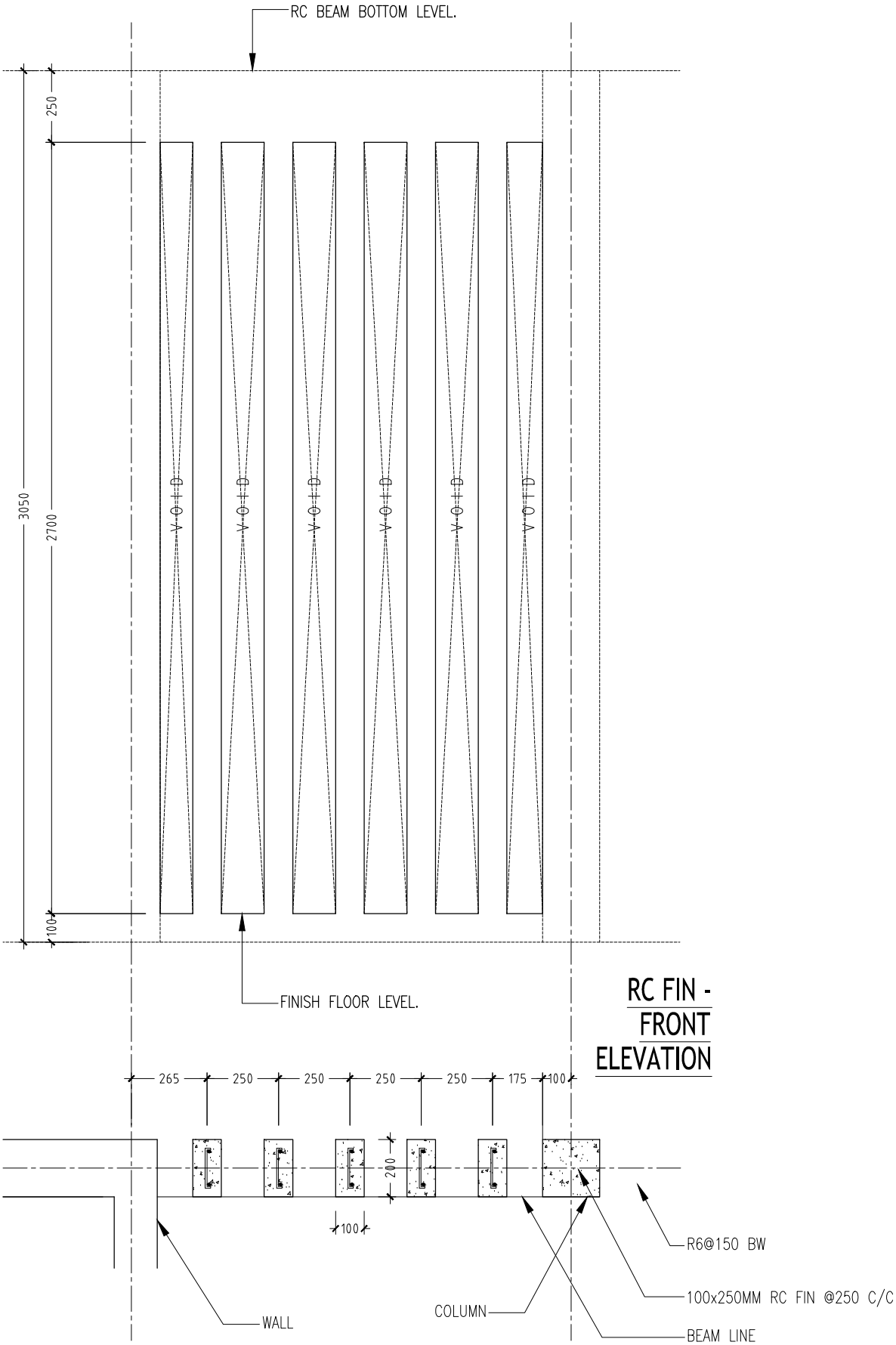
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A-16

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RC FIN -
FRONT
ELEVATION

RC FIN DETAILS
SCALE 1:20

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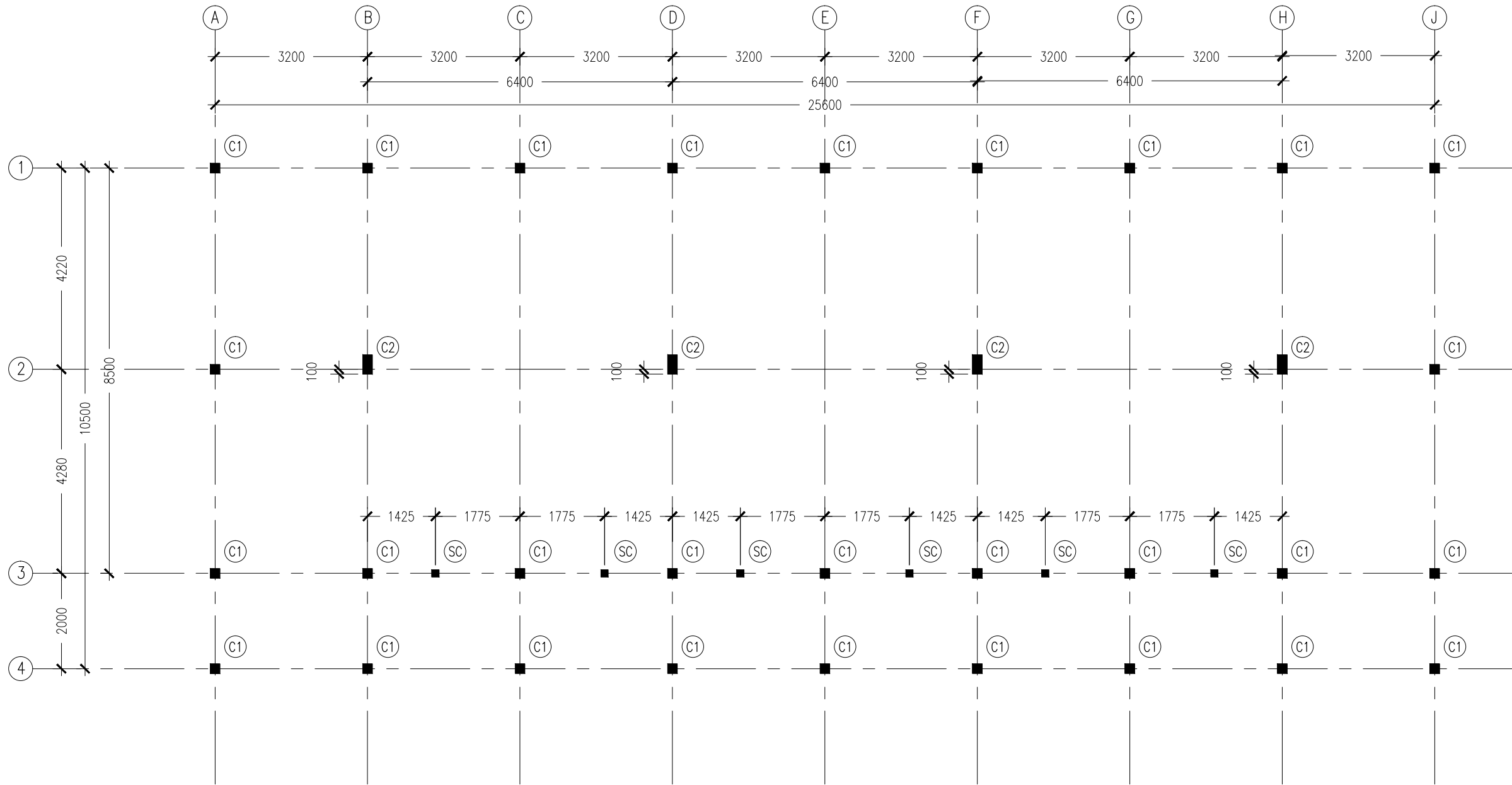
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A-17

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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.

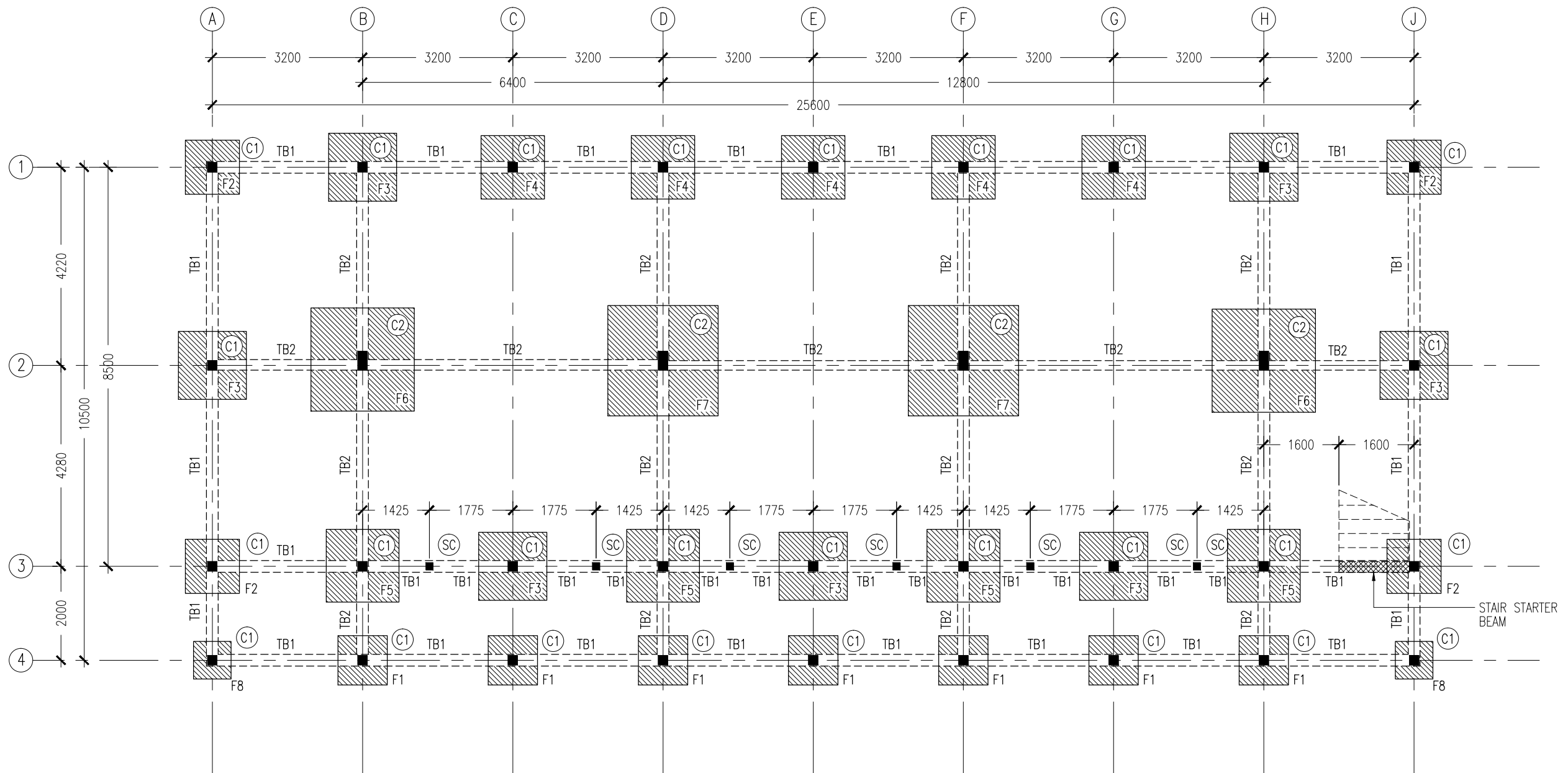
COLUMN SETTING LAYOUT PLAN
SCALE 1:100

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:			S. MEEDHOO, SEENU ATOLL SCHOOL	
	SERVICES ENG:		DRAWING TITLE:			AS GIVEN	
	ESTIMATOR:		CLIENT:			MINISTRY OF EDUCATION	
	DWG NO						
	DRAWN BY:	ASFAN AHMED	SCALE: AS GIVEN	DIMENSION: MM	DATE: JUNE 2015	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

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s t u d i o
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admin@archeng.biz

REVISION:

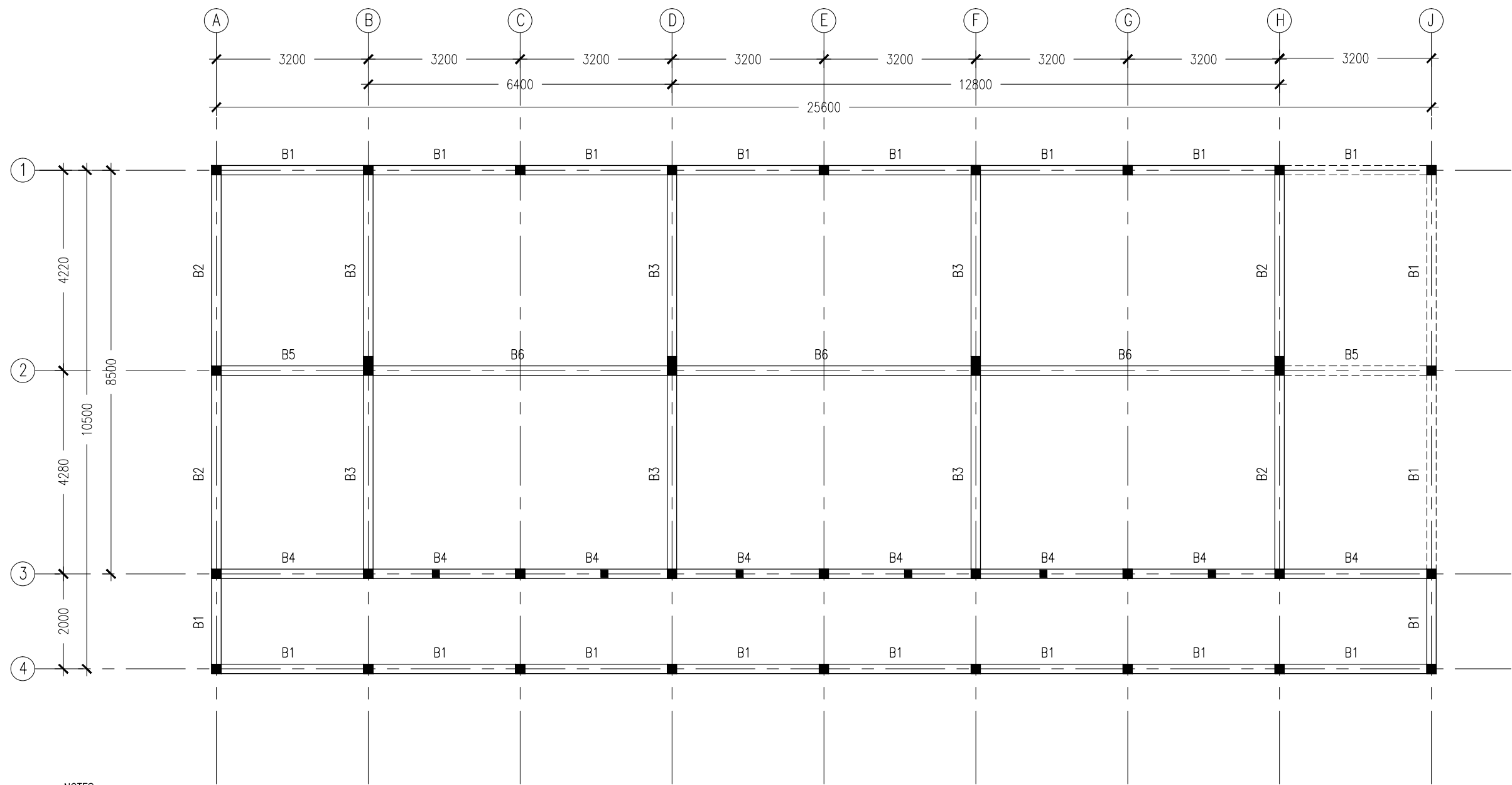
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015

S-02
DWG NO

PROJECT NO.: 15-041

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

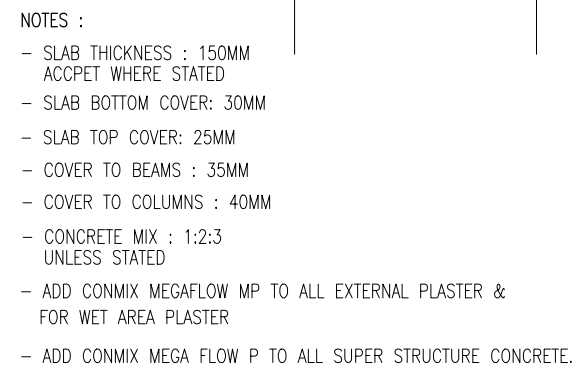
REVISION:

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

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015

S-03
DWG NO
PROJECT NO.: 15-041

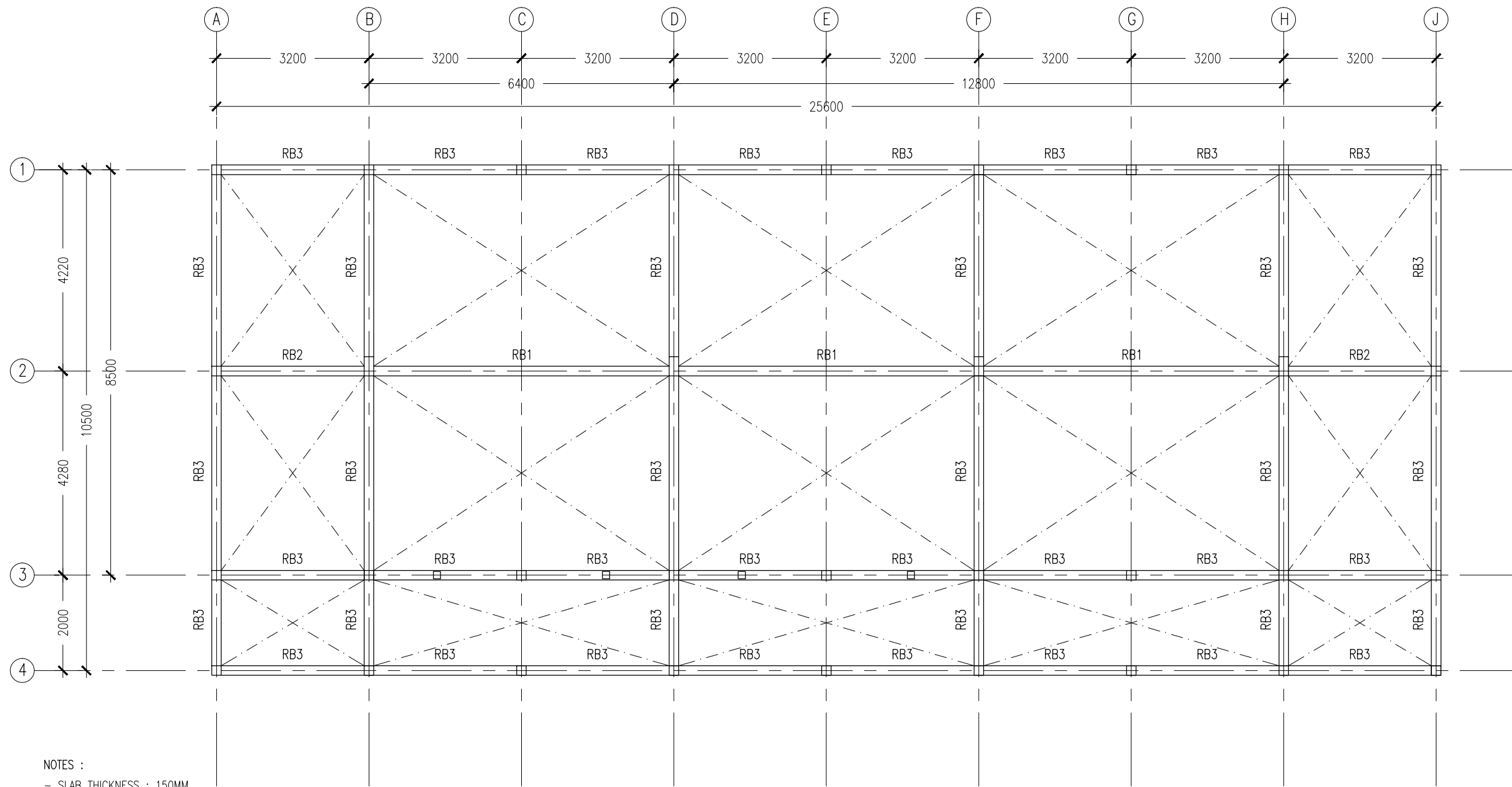
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN, DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



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DRAWINGS, FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	PROPOSED 9 CLASS ROOM BLOCK			S-04				
	ENGINEER:	MOHAMED AHSAN	LOCATION:	S. MEEDHOO, SEENU ATOLL SCHOOL							
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN							
	ESTIMATOR:		CLIENT:	MINISTRY OF EDUCATION							
	DRAWN BY:	ASFAN AHMED	SCALE:	AS GIVEN	DIMENSION:	MM		DATE:	JUNE 2015	DWG NO	
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHINGO STUDIO PVT.LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED.										PROJECT NO.:	15-041



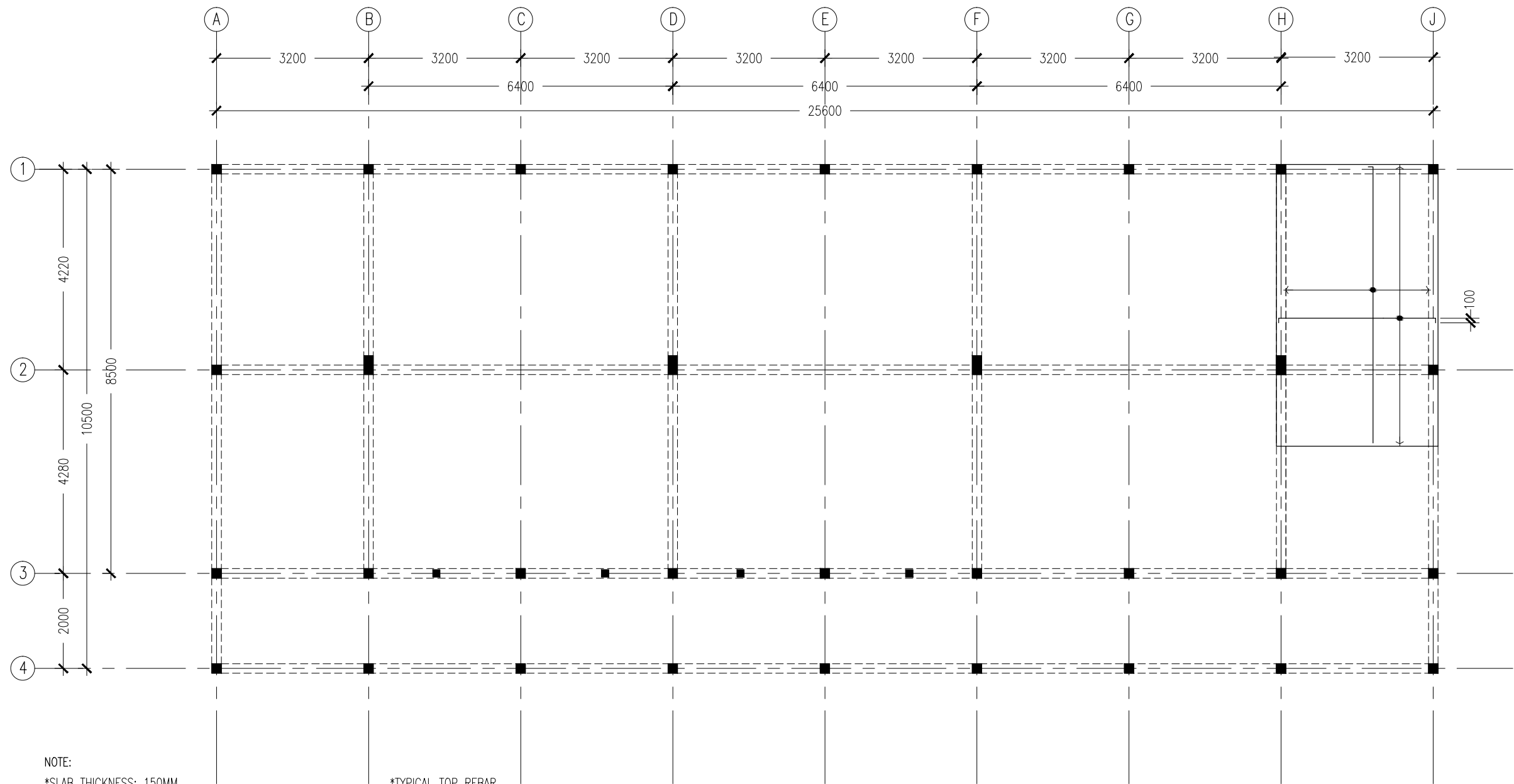
- NOTES :
- SLAB THICKNESS : 150MM
ACCPET WHERE STATED
 - SLAB BOTTOM COVER: 30MM
 - SLAB TOP COVER: 25MM
 - COVER TO BEAMS : 35MM
 - COVER TO COLUMNS : 40MM
 - CONCRETE MIX : 1:2:3
UNLESS STATED
 - ADD CONMIX MEGAFLW MP TO ALL EXTERNAL PLASTER &
FOR WET AREA PLASTER
 - ADD CONMIX MEGA FLOW P TO ALL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

ROOF BEAM LAYOUT 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	S-05
	ENGINEER: MOHAMED AHSAN	LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 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.: 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

SPECIFIED LENGTH

EXTRA 100

*FCU=25N/MM2

*ADD CONMIX MegaFlow P TO ALL SUPER
STRUCTURE CONCRETE

SLAB RFMNT AT HALF-LANDING LAYOUT PLAN

SCALE 1:100

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

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REVISION:

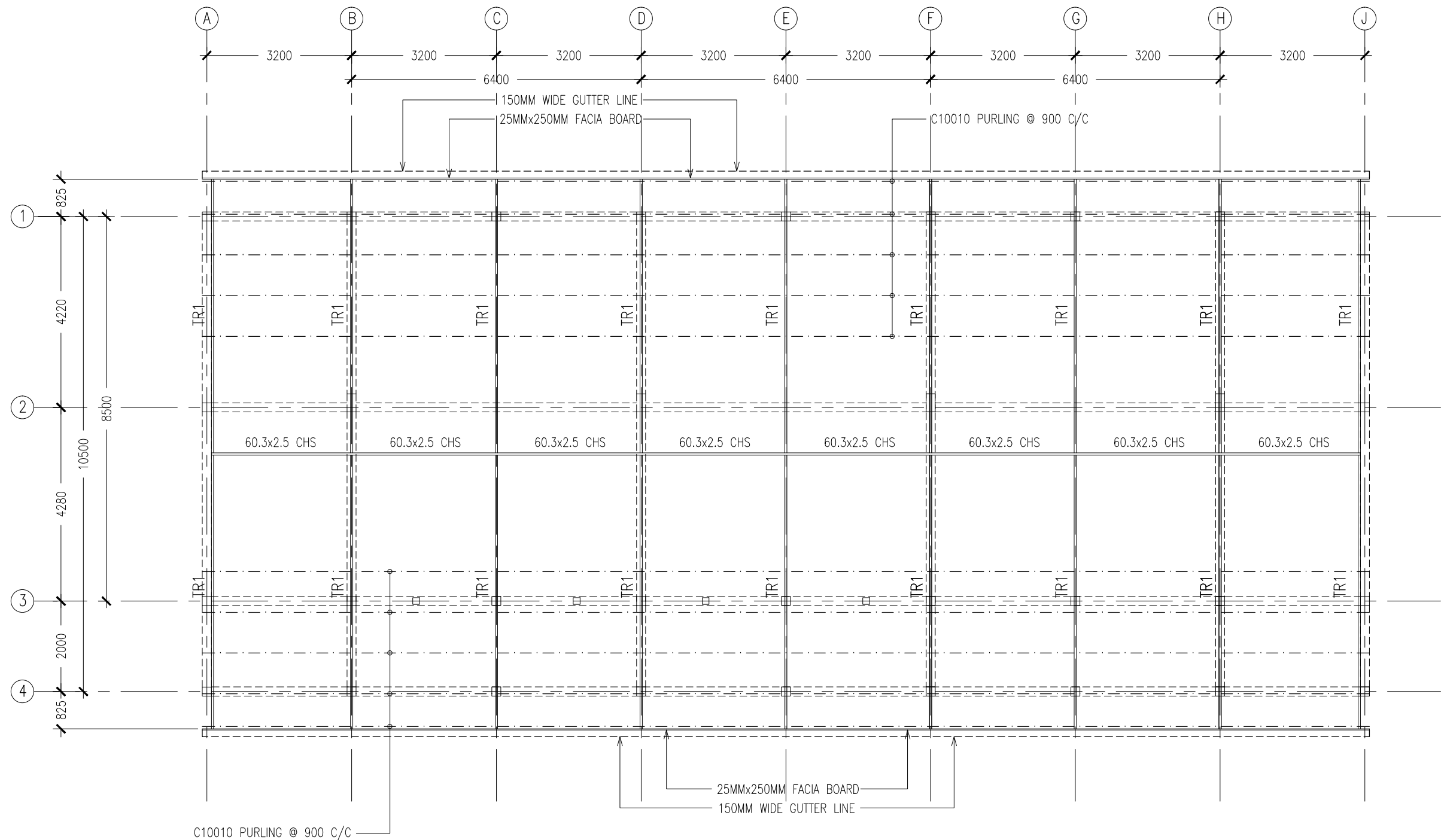
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015

S-07

DWG NO
PROJECT NO.: 15-041

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ROOF STRUCTURE 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:	S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	JUNE 2015

S-08

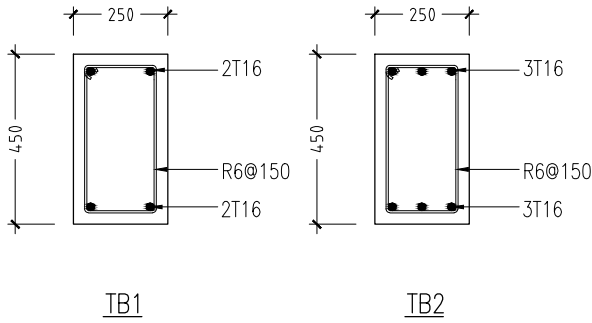
DWG NO

PROJECT NO.: 15-041

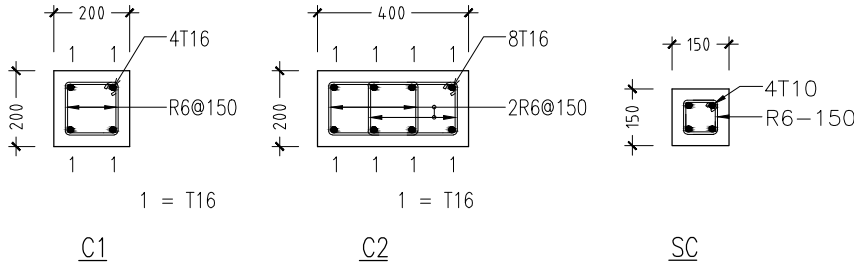
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	FOOTING	LENGTH/mm	WIDTH/mm	DEPTH/mm	REINFORCEMENT
	F1	1050	1050	300	T12@150mm C/C BW BOTTOM
	F2	1150	1150	300	T12@150mm C/C BW BOTTOM
	F3	1450	1450	300	T12@150mm C/C BW BOTTOM
	F4	1350	1350	300	T12@150mm C/C BW BOTTOM
	F5	1550	1550	300	T12@150mm C/C 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

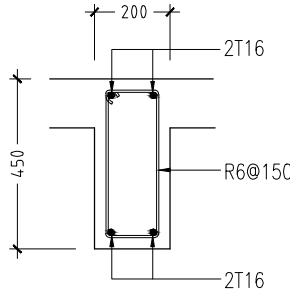
FOOTING DETAILS



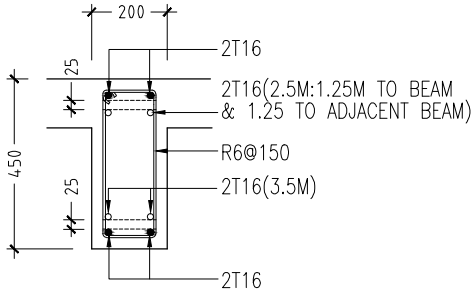
FOUNDATION BEAM DETAILS
SCALE 1:20



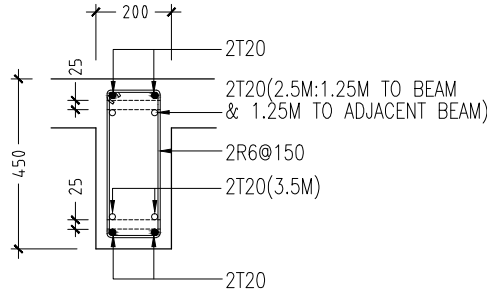
COLUMN DETAILS
SCALE 1:20



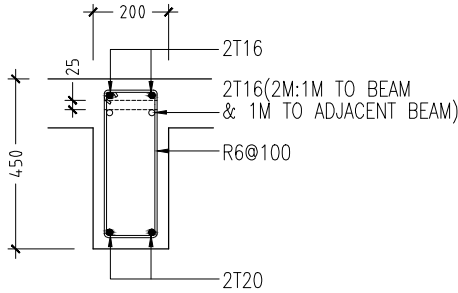
B1



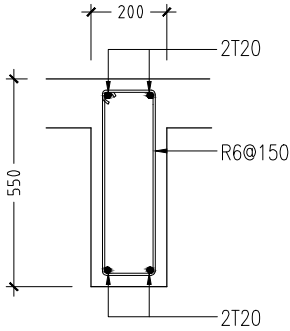
B2



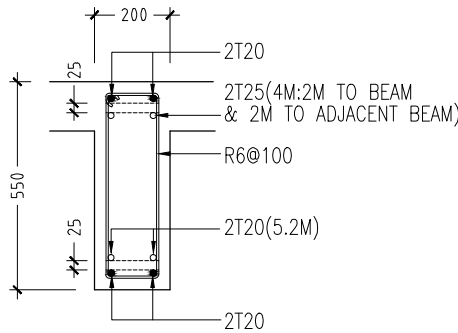
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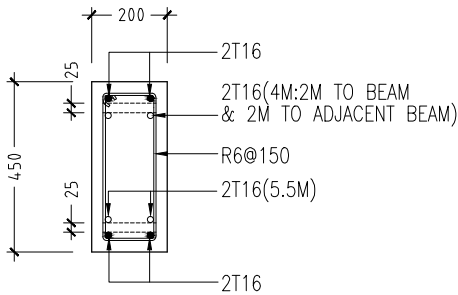
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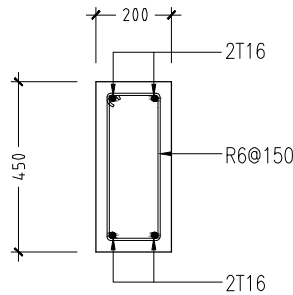
B5



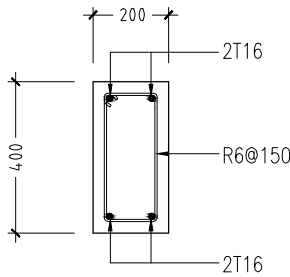
B6



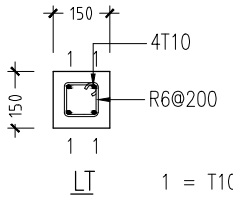
RB1



RB2



RB3



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

RC BEAM DETAILS
SCALE 1:20

LINTEL/SILL BEAM DETAILS
SCALE 1:20

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

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admin@archeng.biz

REVISION:

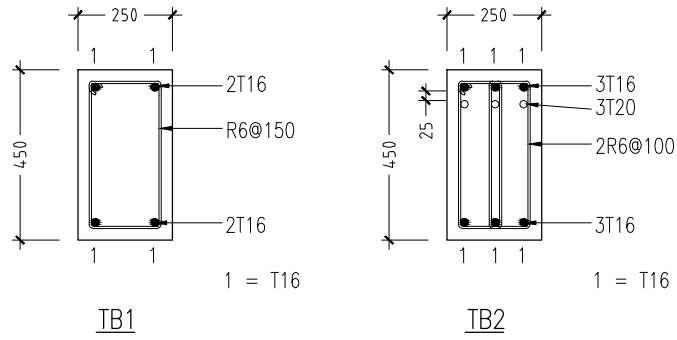
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015

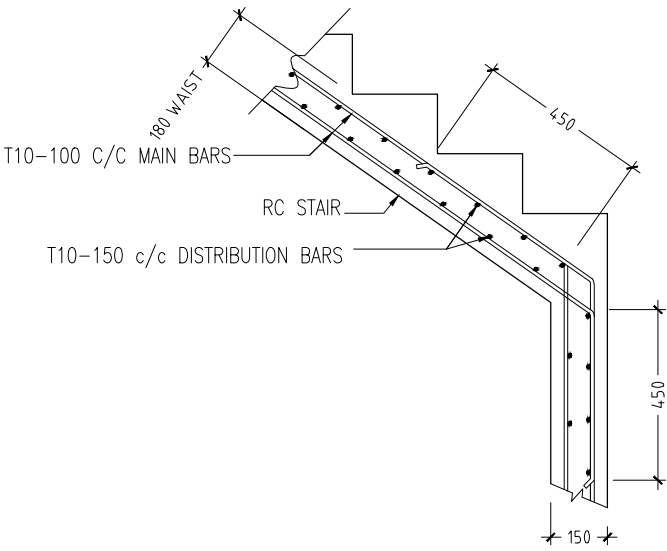
S-09
DWG NO

PROJECT NO.: 15-041

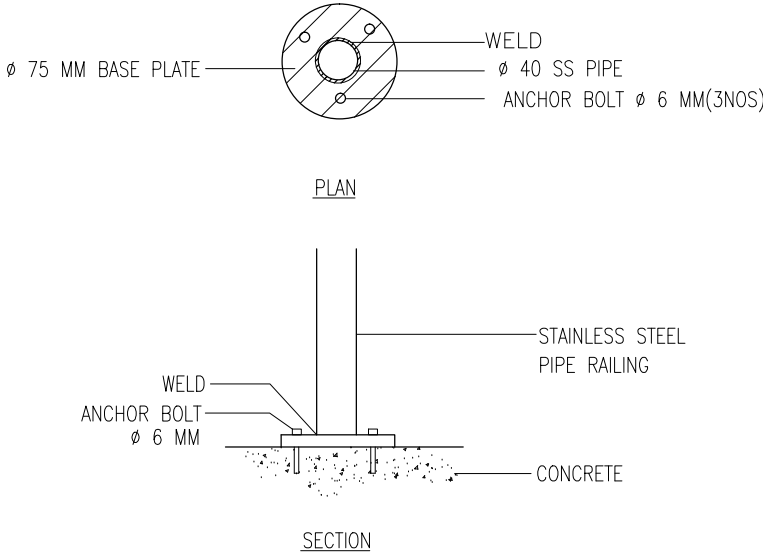
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FOUNDATION BEAM DETAILS
SCALE 1:20



TYPICAL STAIR RFMT DETAIL
SCALE 1:20



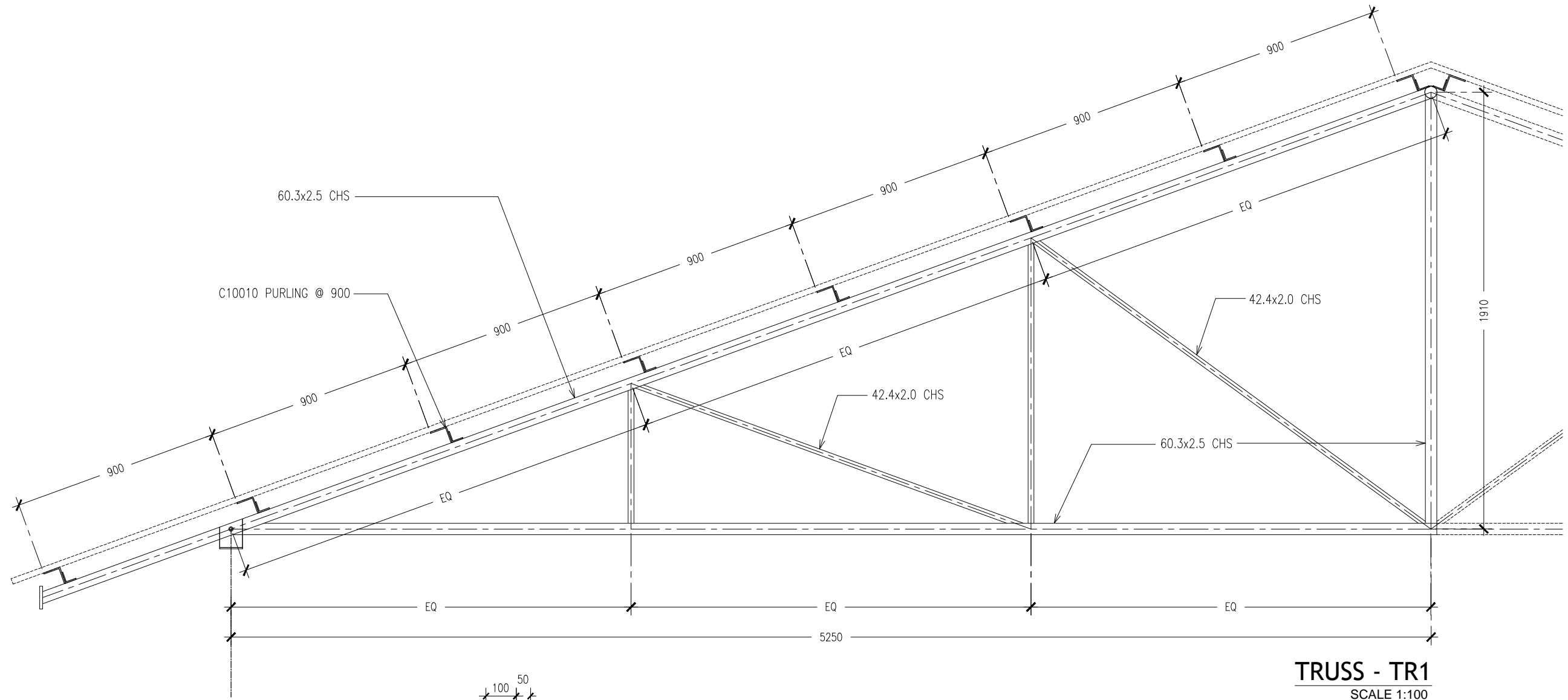
DETAIL D (STAIR RAILING)
SCALE 1:20

CONTRACTORS MUST
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DIMENSIONS TO TAKE
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SCALE READINGS

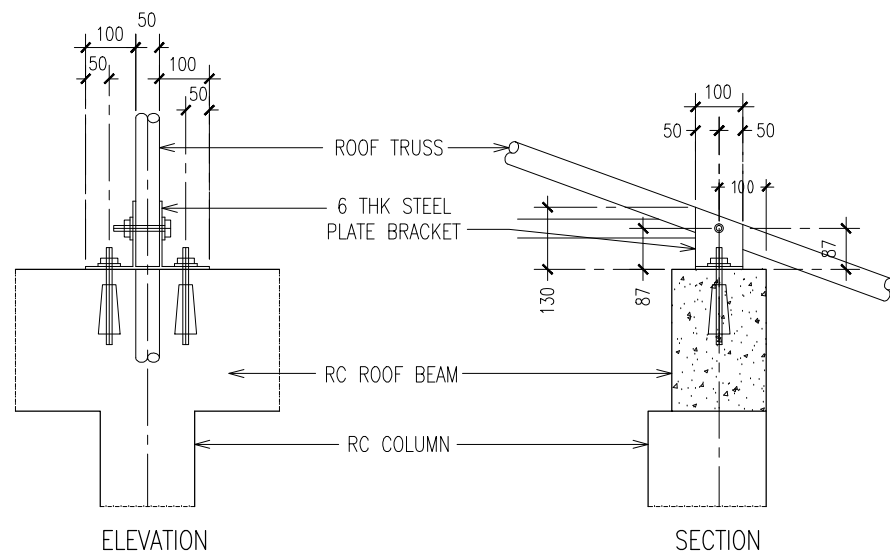
ArchEng
studio
Ma Fiyajahaage, 1st floor, Male', Republic of Maldives
admin@archeng.biz

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	S-10 DWG NO
	ENGINEER: MOHAMED AHSAN	LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	PROJECT NO.: 15-041
		DIMENSION: MM	
		DATE: JUNE 2015	

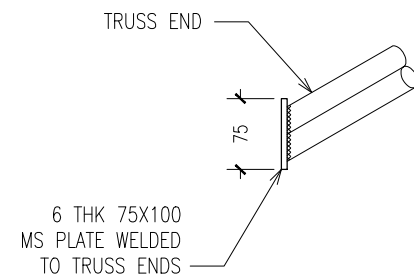
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TRUSS - TR1
SCALE 1:100



TYPICAL TRUSS FIXING DETAILS
SCALE : NTS



TYPICAL TRUSS END DETAILS
SCALE : NTS

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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: S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015

S-11
DWG NO
PROJECT NO.: 15-041

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PROPOSED 09 CLASS ROOM BLOCK AT S. MEEDHOO SEENU ATOLL SCHOOL (3 STOREY)

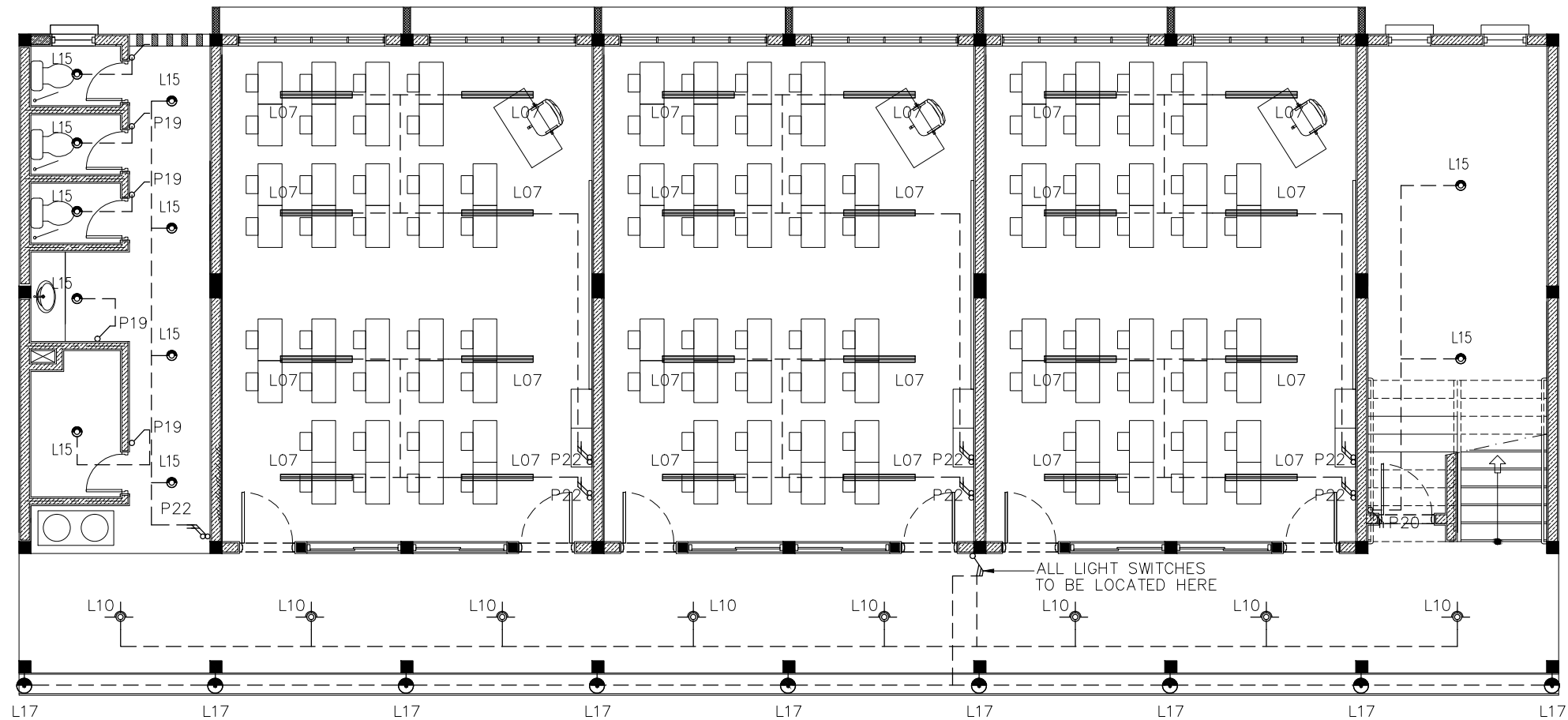
ELECTRICAL DRAWINGS

JUNE 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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s t u d i o
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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

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DRAWINGS FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

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

REVISION:

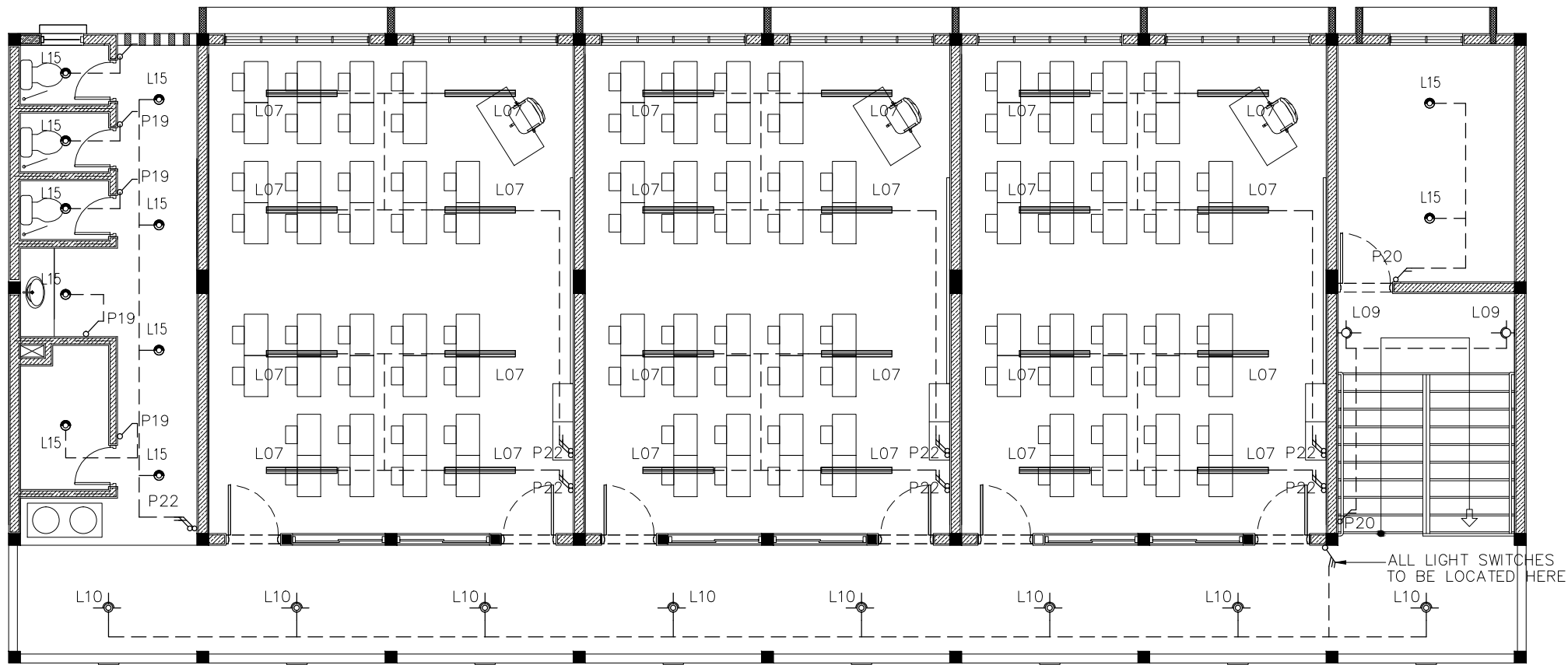
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015

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

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DRAWINGS.FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	

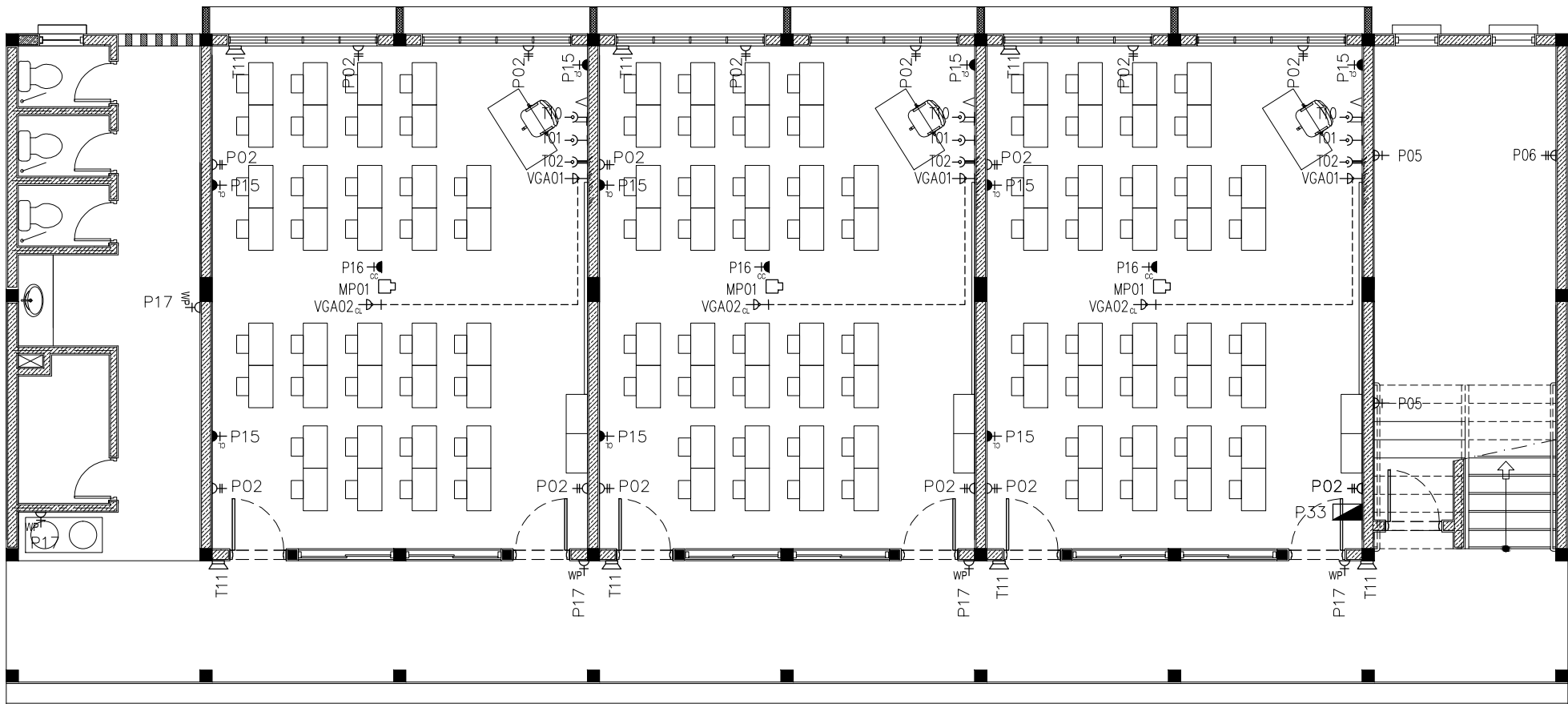
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

PROJECT:	PROPOSED 9 CLASS ROOM BLOCK
LOCATION:	S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	JUNE 2015

E-02

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



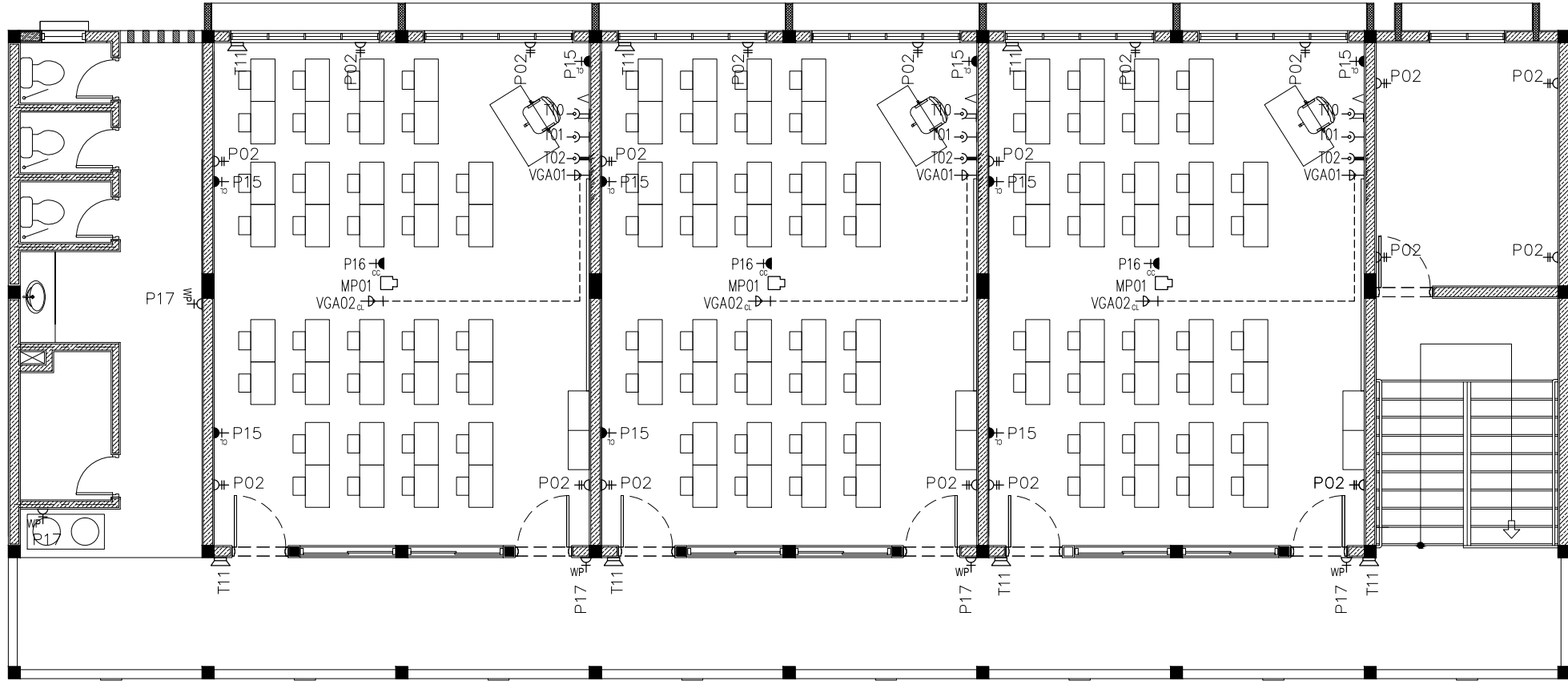
REVISION:

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

PROJECT: PROPOSED 9 CLASS ROOM BLOCK
LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015

E-03

DWG NO
PROJECT NO.: 15-041



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

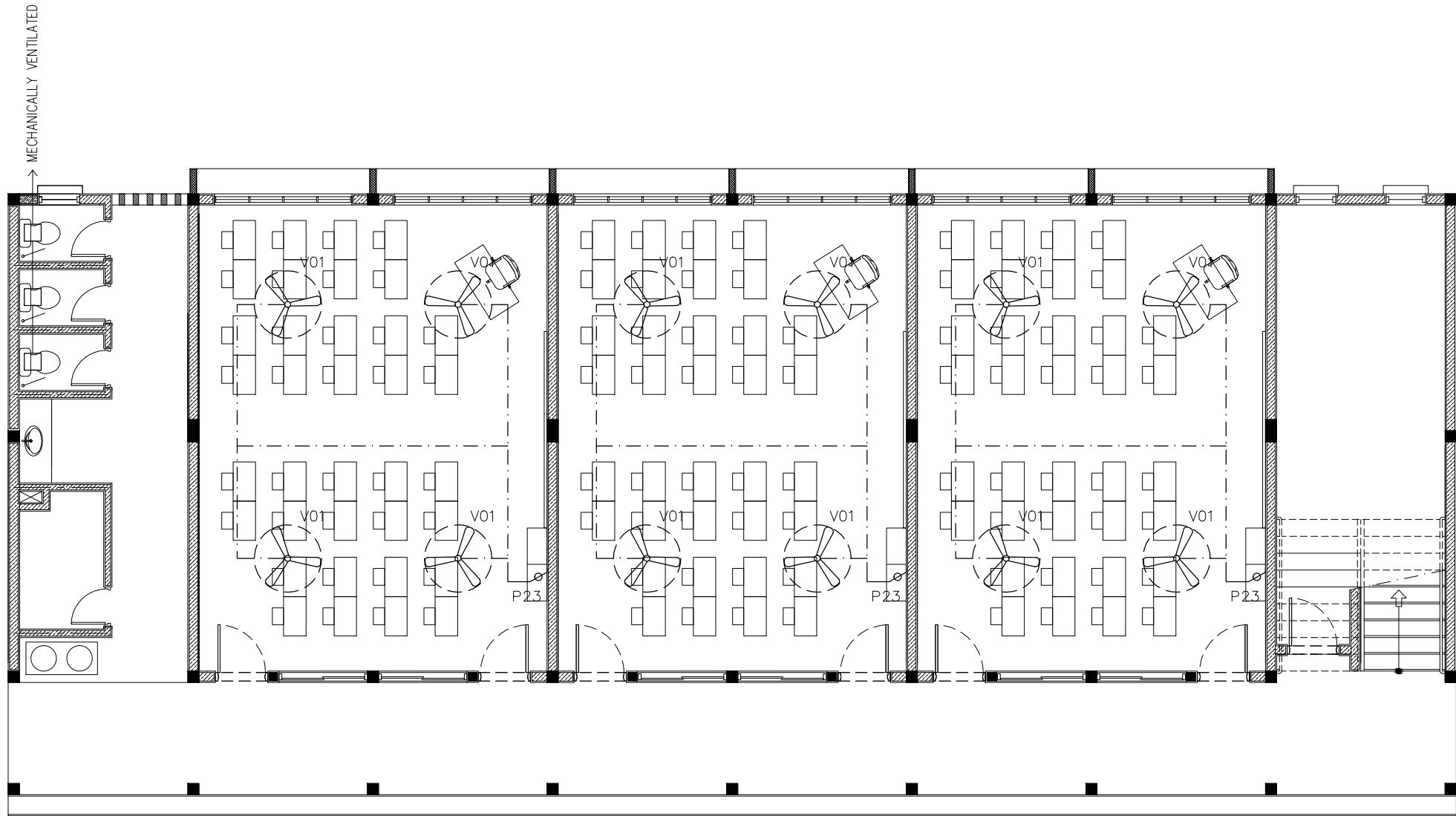
	VGA02	VGA CABLE AT CEILING LEVEL
	T01	PLAIN TELEPHONE OUTLET
	T02	COMPUTER NETWORK OUTLET
	MP01	MULTIMEDIA PROJECTOR
	T10	T.V POINT
	T11	SPEAKER

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


CONTRACTORS MUST
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REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:			PROPOSED 9 CLASS ROOM BLOCK			<div>E-04</div> <div>DWG NO</div> <div>PROJECT NO.: 15-041</div>		
	ENGINEER:	MOHAMED AHSAN	LOCATION:			S. MEEDHOO, SEENU ATOLL SCHOOL					
	SERVICES ENG:		DRAWING TITLE:			AS GIVEN					
	ESTIMATOR:		CLIENT:			MINISTRY OF EDUCATION					
	DRAWN BY:	ASFAN AHMED	SCALE:			AS GIVEN	DIMENSION:	MM		DATE:	JUNE 2015
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LEGEND

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

GROUND FLOOR FAN LAYOUT PLAN
SCALE 1:100

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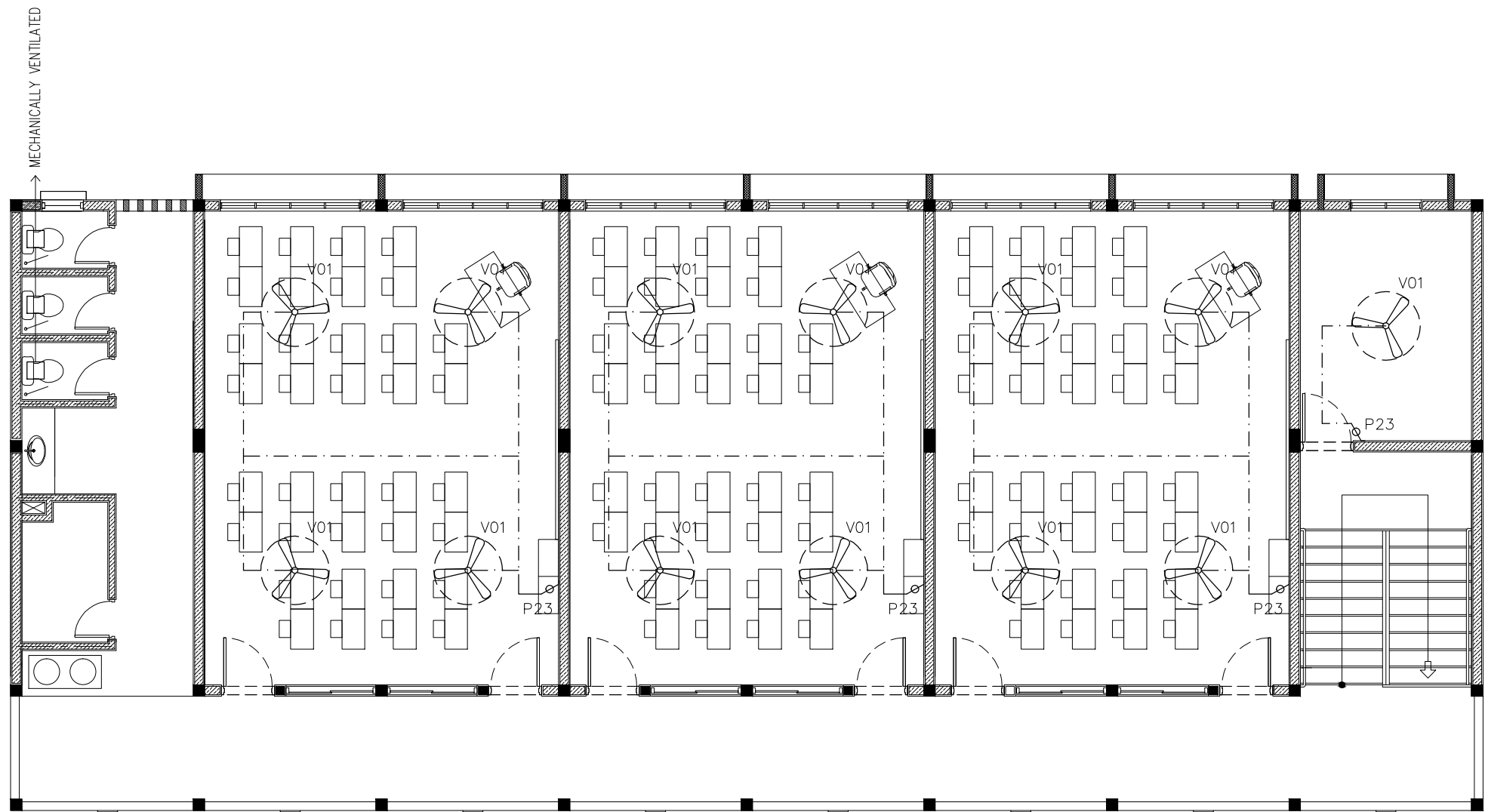


REVISION:	

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

PROJECT:	PROPOSED 9 CLASS ROOM BLOCK
LOCATION:	S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	JUNE 2015

E-05
DWG NO
PROJECT NO.: 15-041



LEGEND

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

1ST/2ND FLOOR FAN LAYOUT PLAN

SCALE 1:100

CONTRACTORS MUST
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SCALE READINGS

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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: S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015

E-06

DWG NO
PROJECT NO.: 15-041

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**PROPOSED 09 CLASS ROOM BLOCK AT
S. MEEDHOO
SEENU ATOLL SCHOOL
(3 STOREY)**

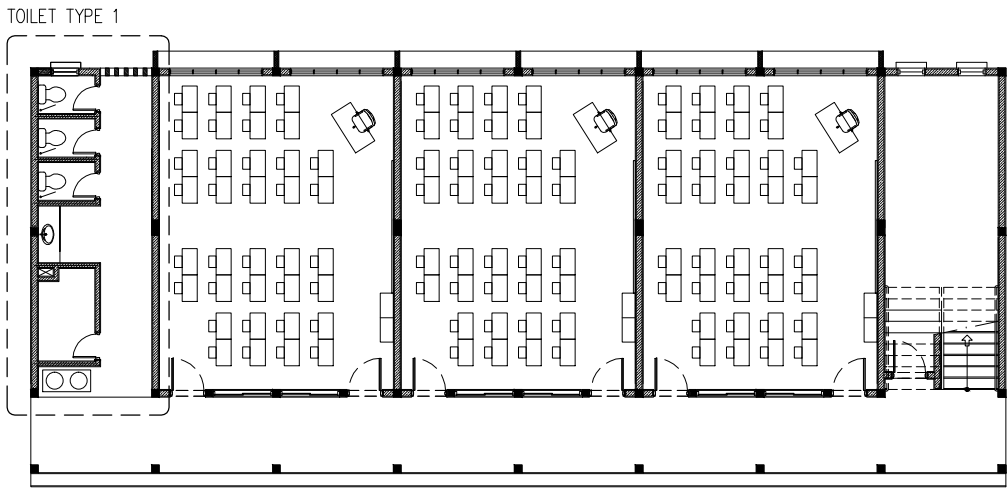
PLUMBING DRAWINGS

JUNE 2015

CLIENT : MINISTRY OF EDUCATION

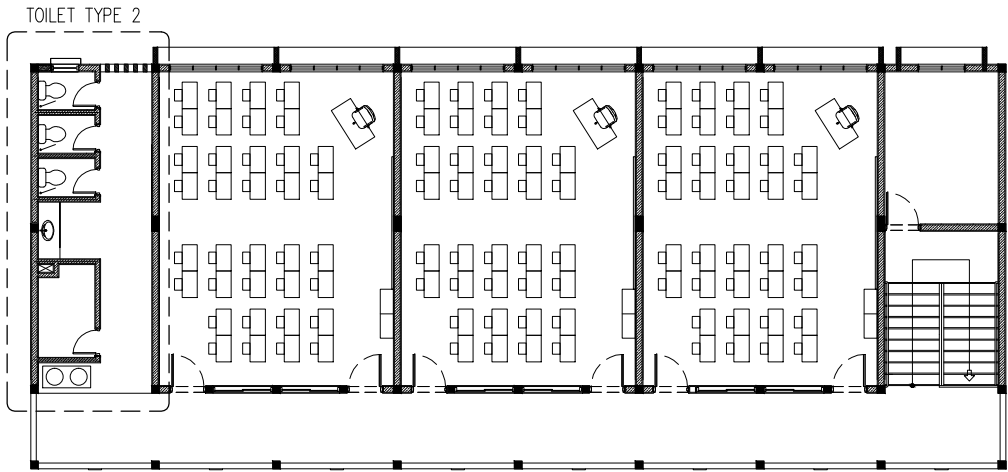
DESIGN BY





GROUND FLOOR PLUMBING KEY PLAN

SCALE 1:100



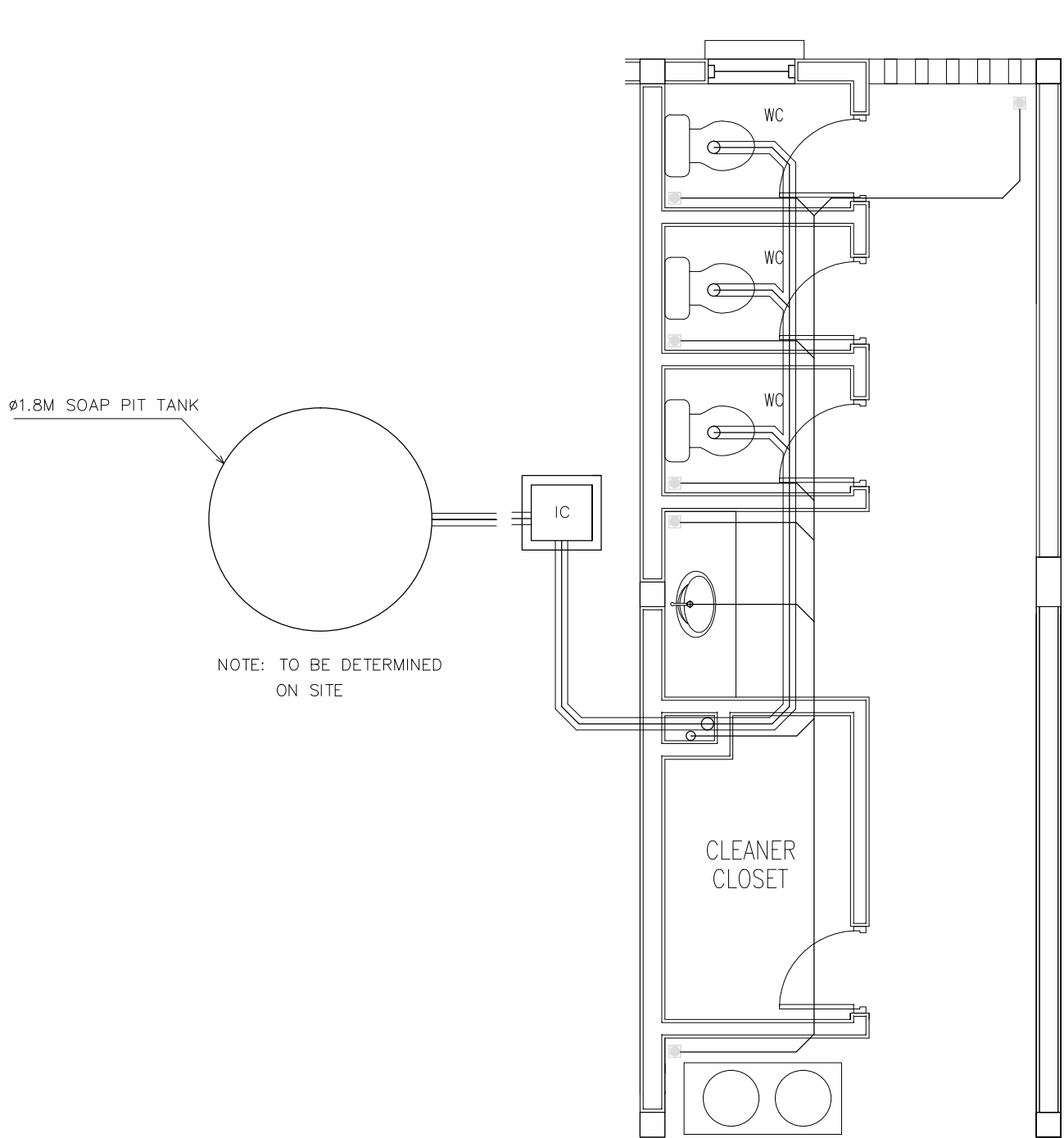
1ST/2ND FLOOR PLUMBING KEY PLAN

SCALE 1:100

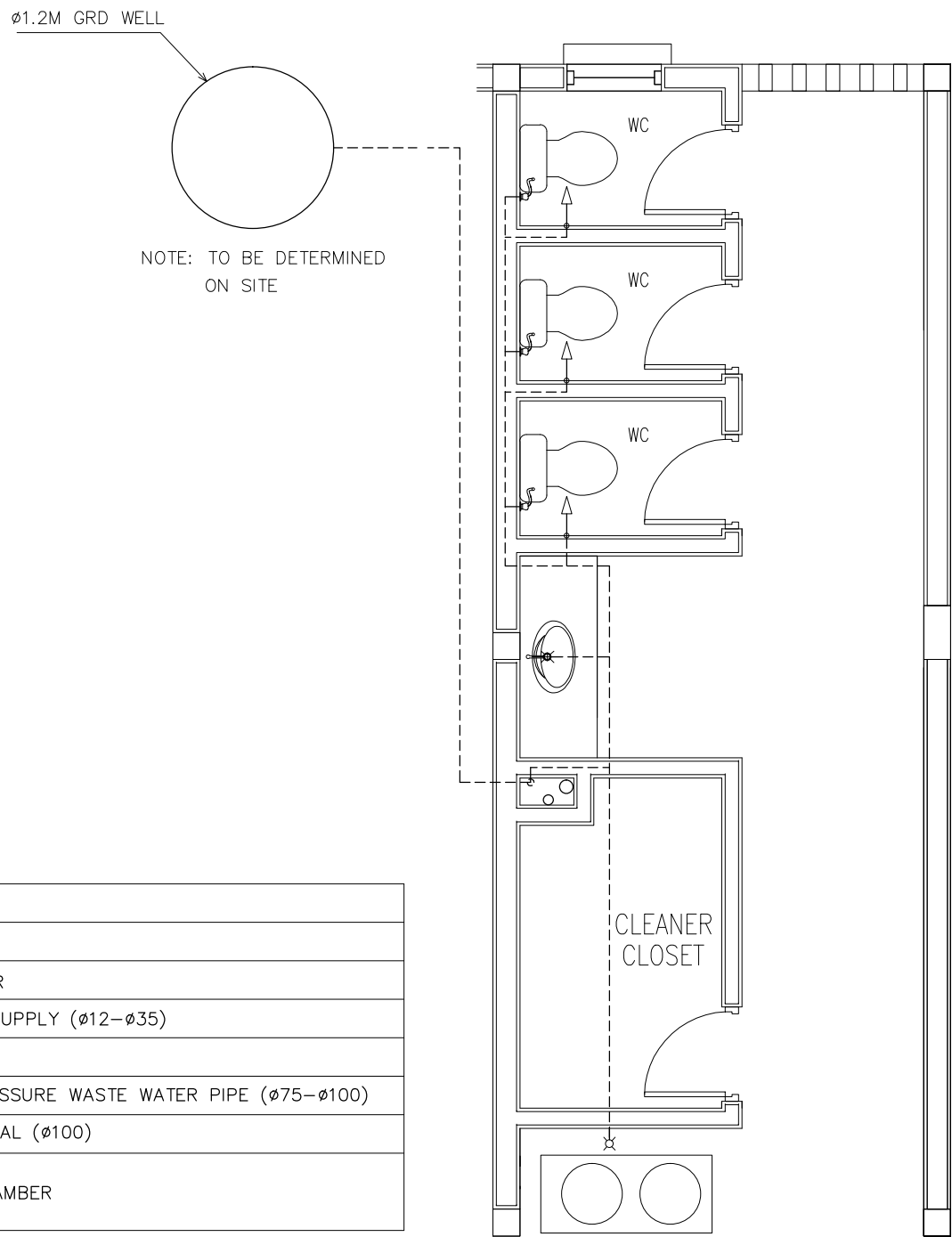
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PRECEDENCE OVER
SCALE READINGS



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



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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SCALE READINGS



REVISION:

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

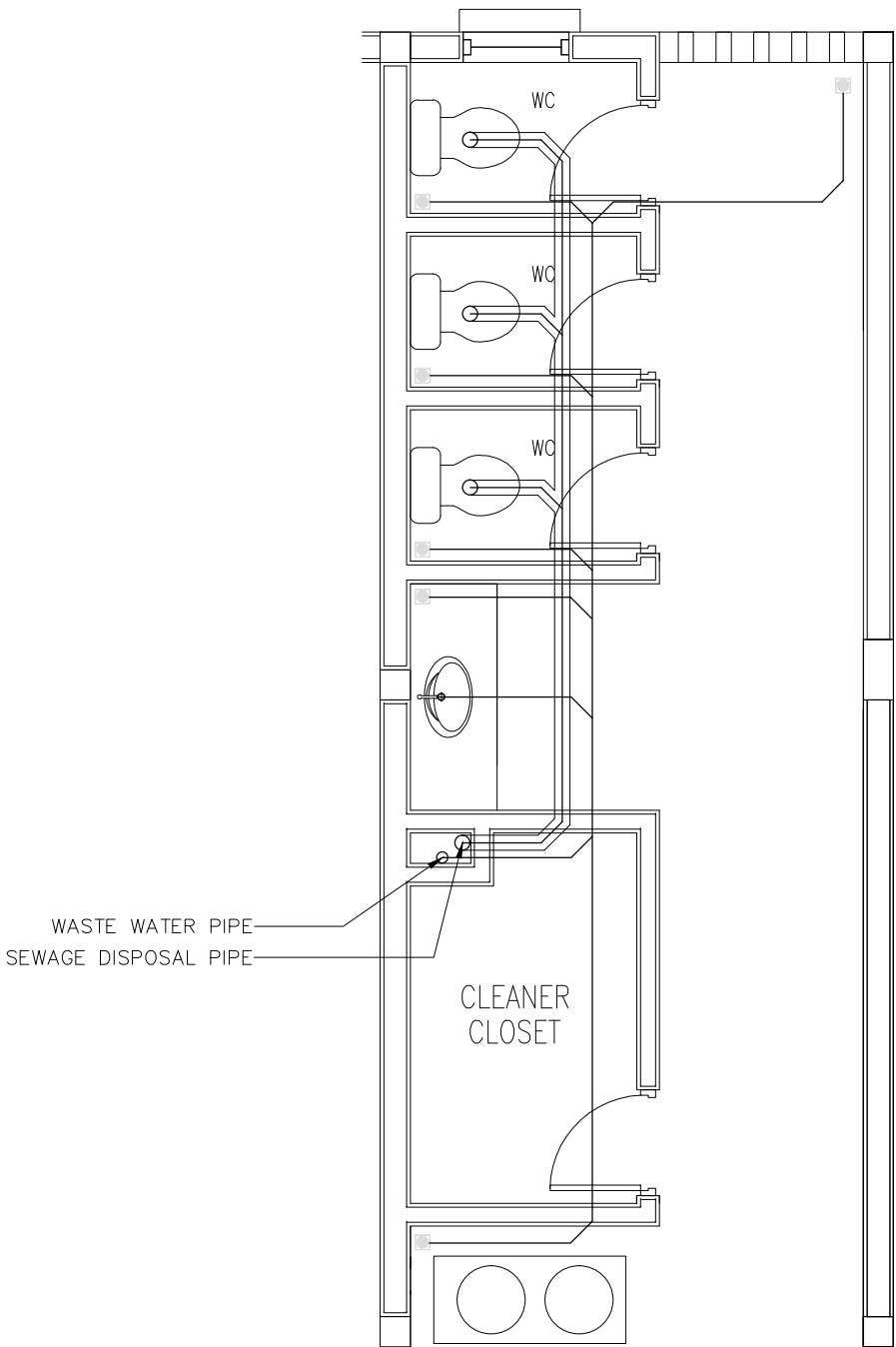
PROJECT:	PROPOSED 9 CLASS ROOM BLOCK
LOCATION:	S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	JUNE 2015

P-02

DWG NO

PROJECT NO.: 15-041

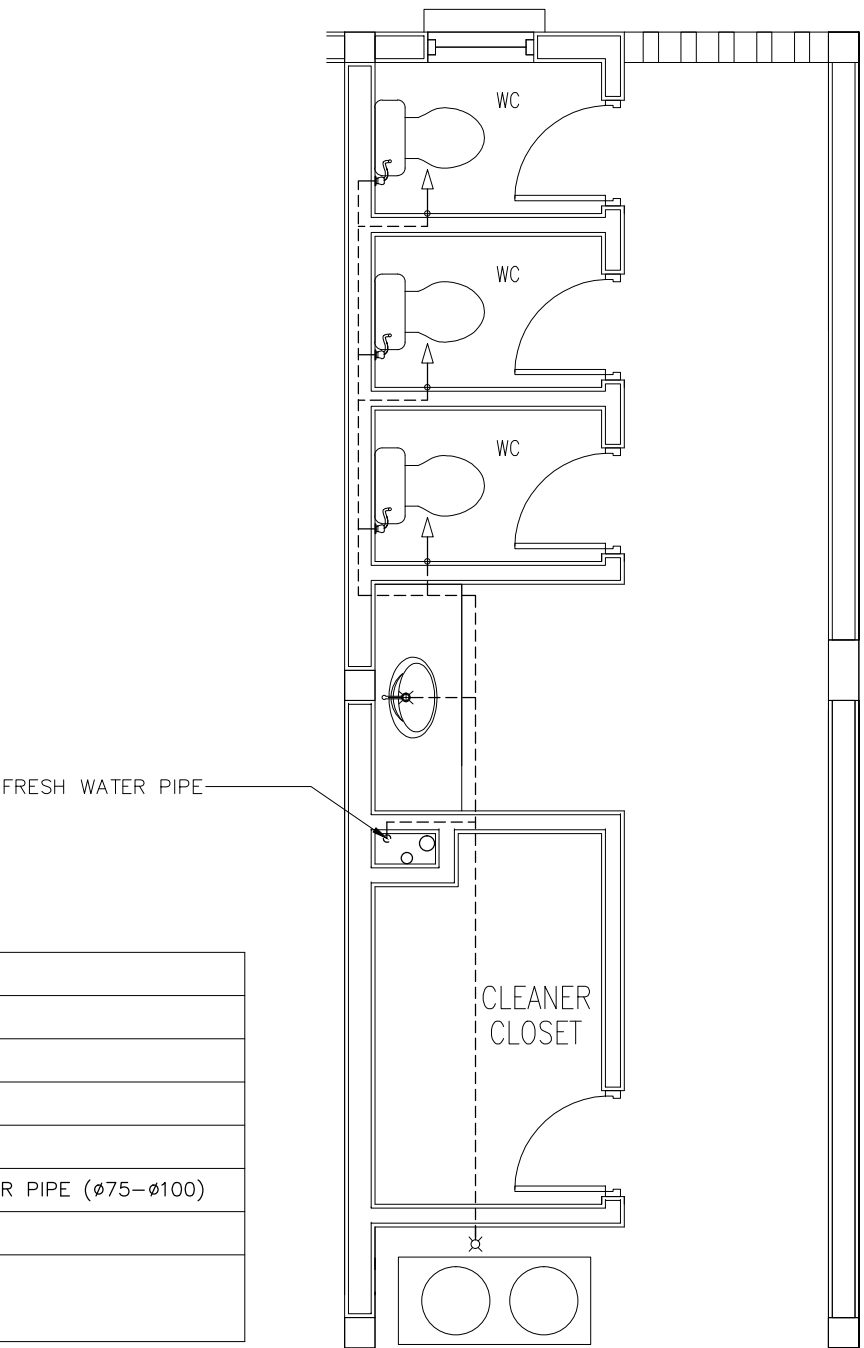
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SEWAGE AND WASTE DISPOSAL
PLAN (TOILET TYPE 1)
SCALE 1:50

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
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REVISION:	

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

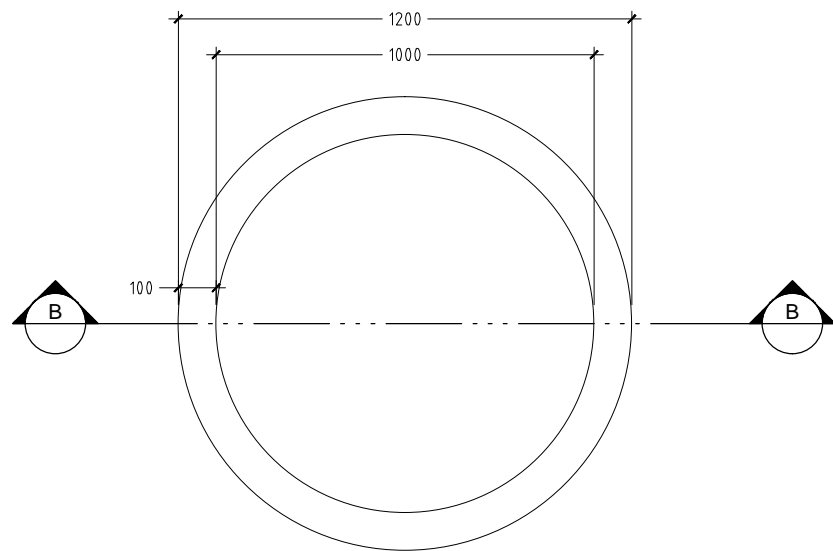
PROJECT:	PROPOSED 9 CLASS ROOM BLOCK
LOCATION:	S. MEEDHOO, SEENU ATOLL SCHOOL
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	JUNE 2015

P-03

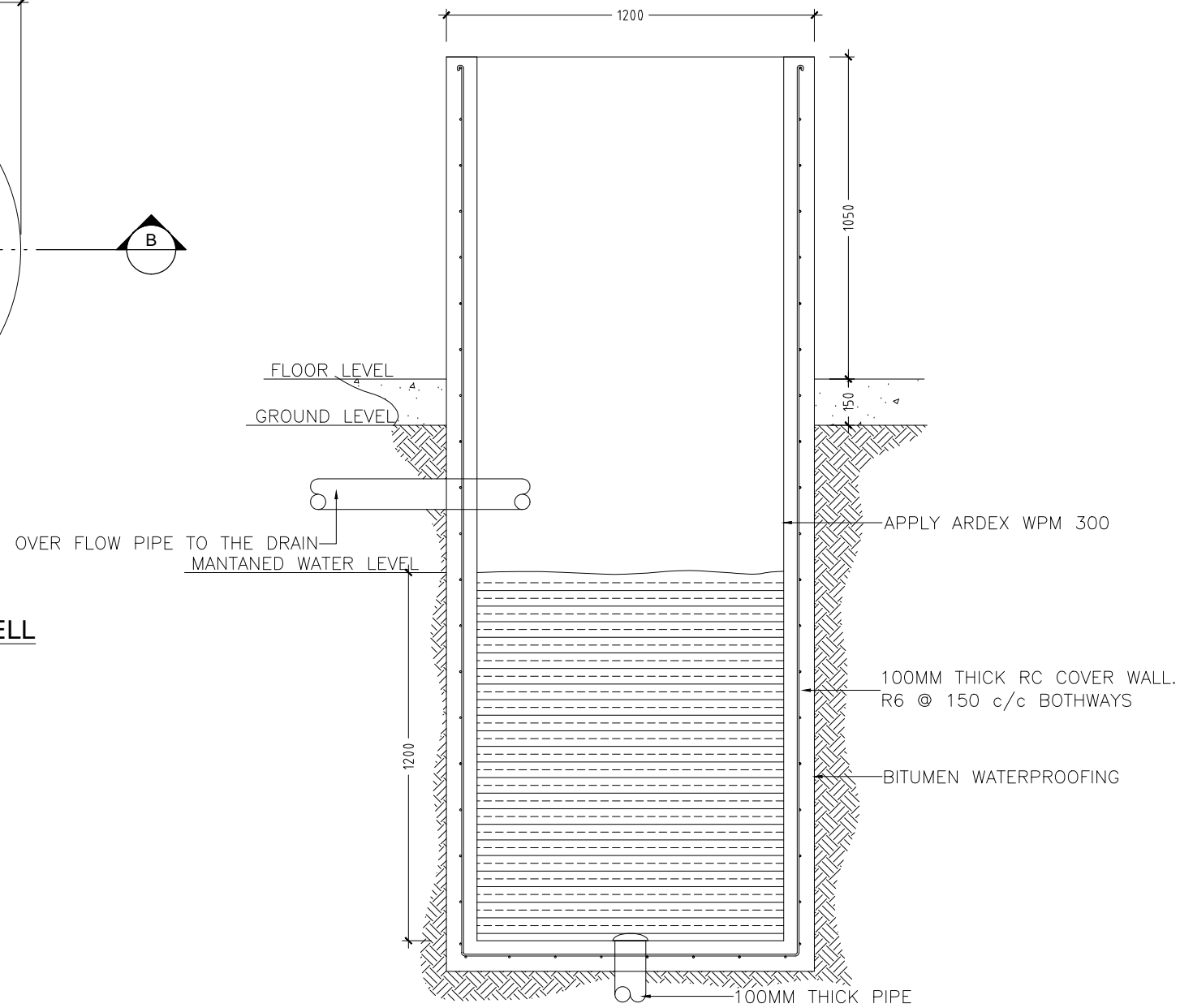
DWG NO

PROJECT NO.: 15-041

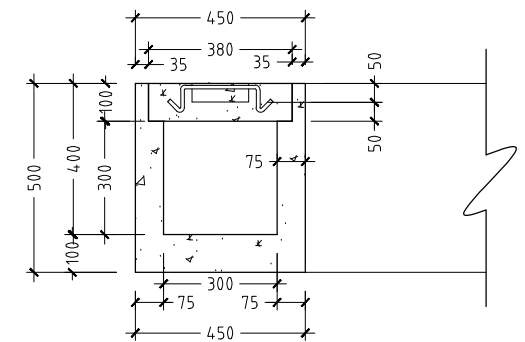
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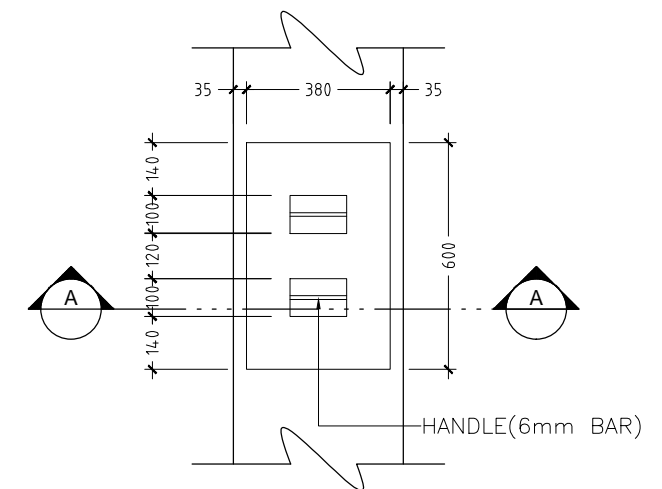
DETAIL B/ PLAN VIEW OF WELL
SCALE 1 : 20



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



DETAIL A/ SECTION A-A
SCALE 1 : 20

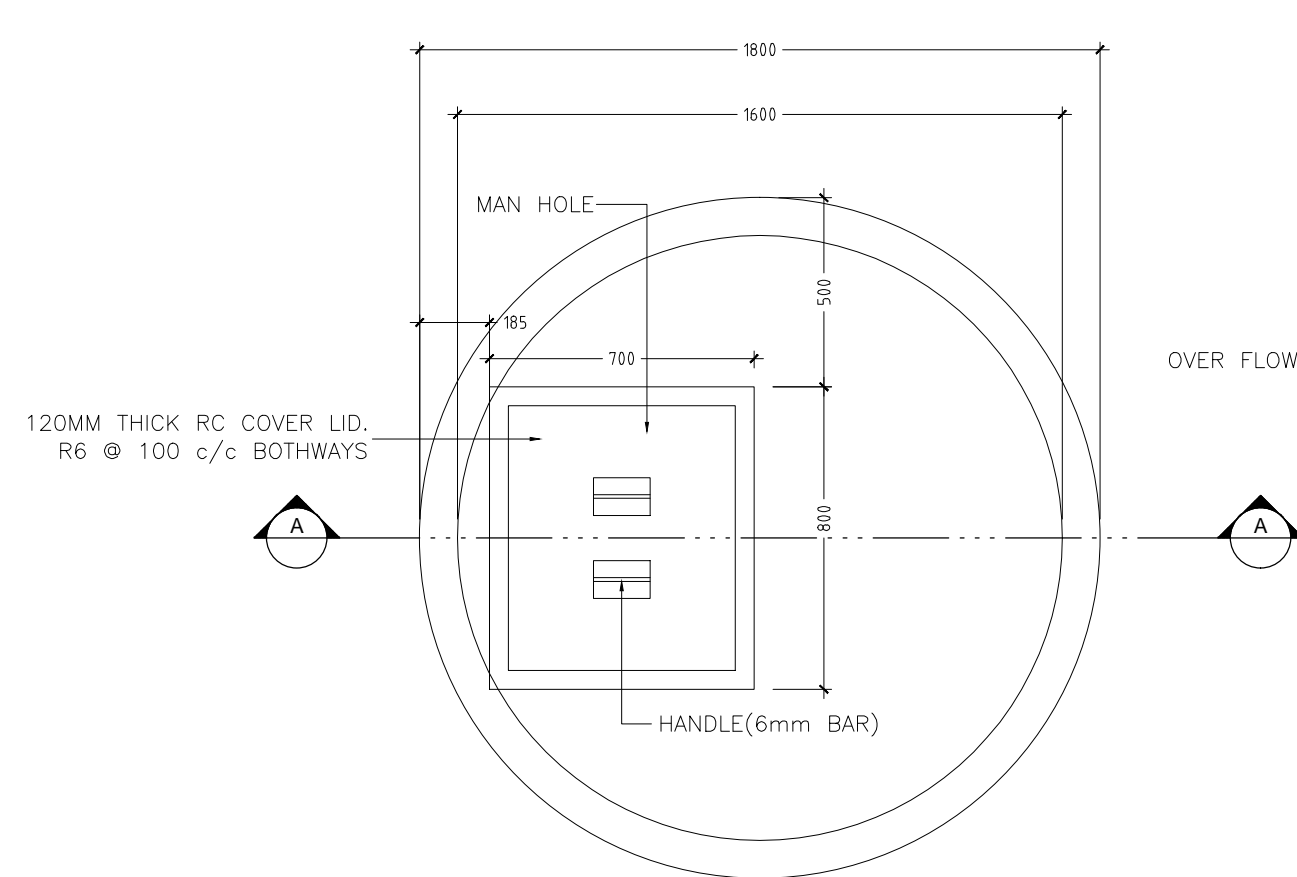


DETAIL A / PLAN VIEW OF INSPECTION POINT
SCALE 1 : 20

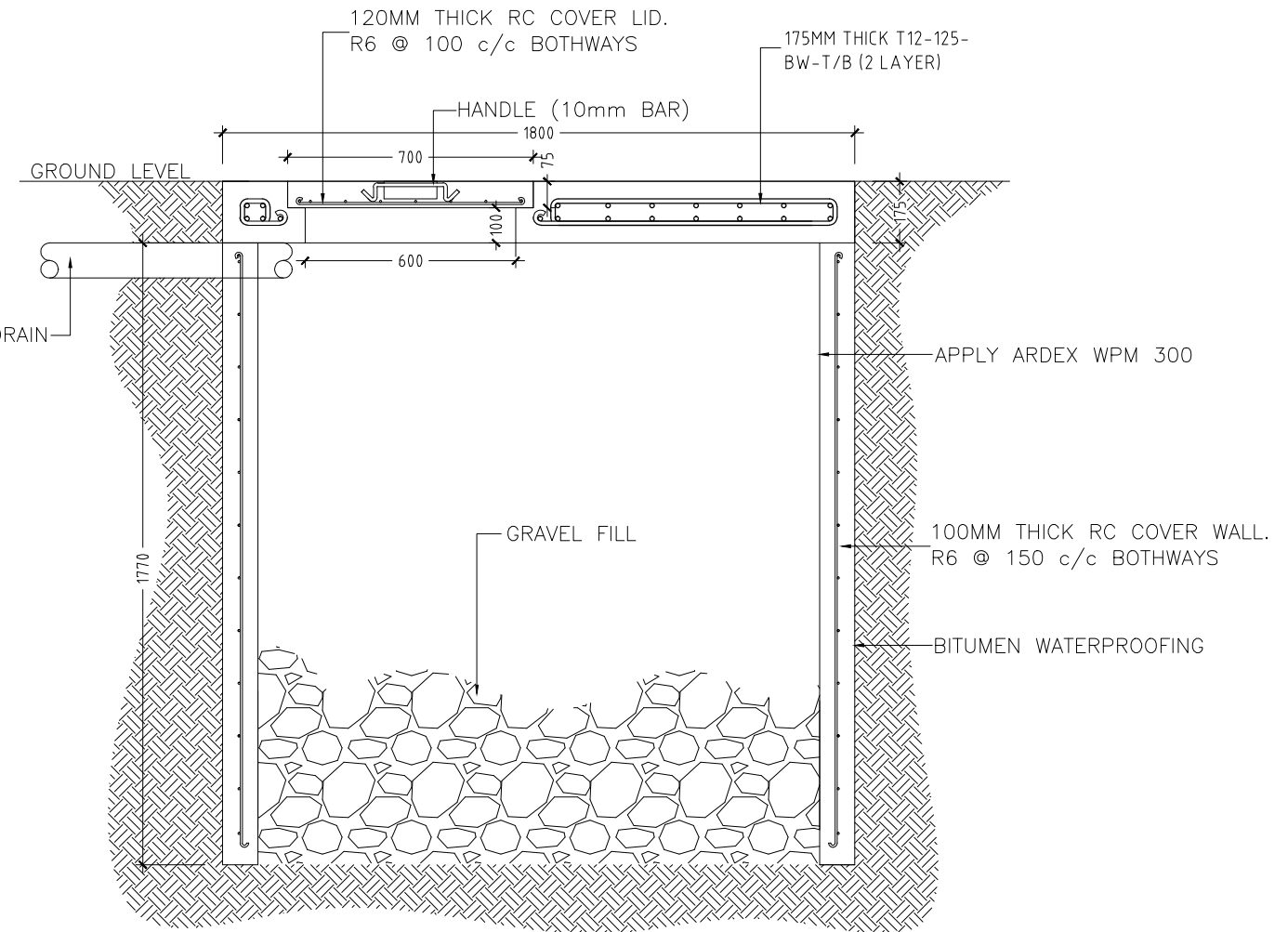
CONTRACTORS MUST
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PRECEDENCE OVER
SCALE READINGS

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 9 CLASS ROOM BLOCK	P-04
	ENGINEER: MOHAMED AHSAN	LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	
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			PROJECT NO.: 15-041



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

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REVISION:

ARCHITECT: MOHAMED HAMEEN

ENGINEER: MOHAMED AHSAN

SERVICES ENG:

ESTIMATOR:

DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 9 CLASS ROOM BLOCK

LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL

DRAWING TITLE: AS GIVEN

CLIENT: MINISTRY OF EDUCATION

SCALE: AS GIVEN

DIMENSION: MM

DATE: JUNE 2015

P-05

DWG NO

PROJECT NO.: 15-041

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PROPOSED 09 CLASS ROOM BLOCK AT S. MEEDHOO SEENU ATOLL SCHOOL (3 STOREY)

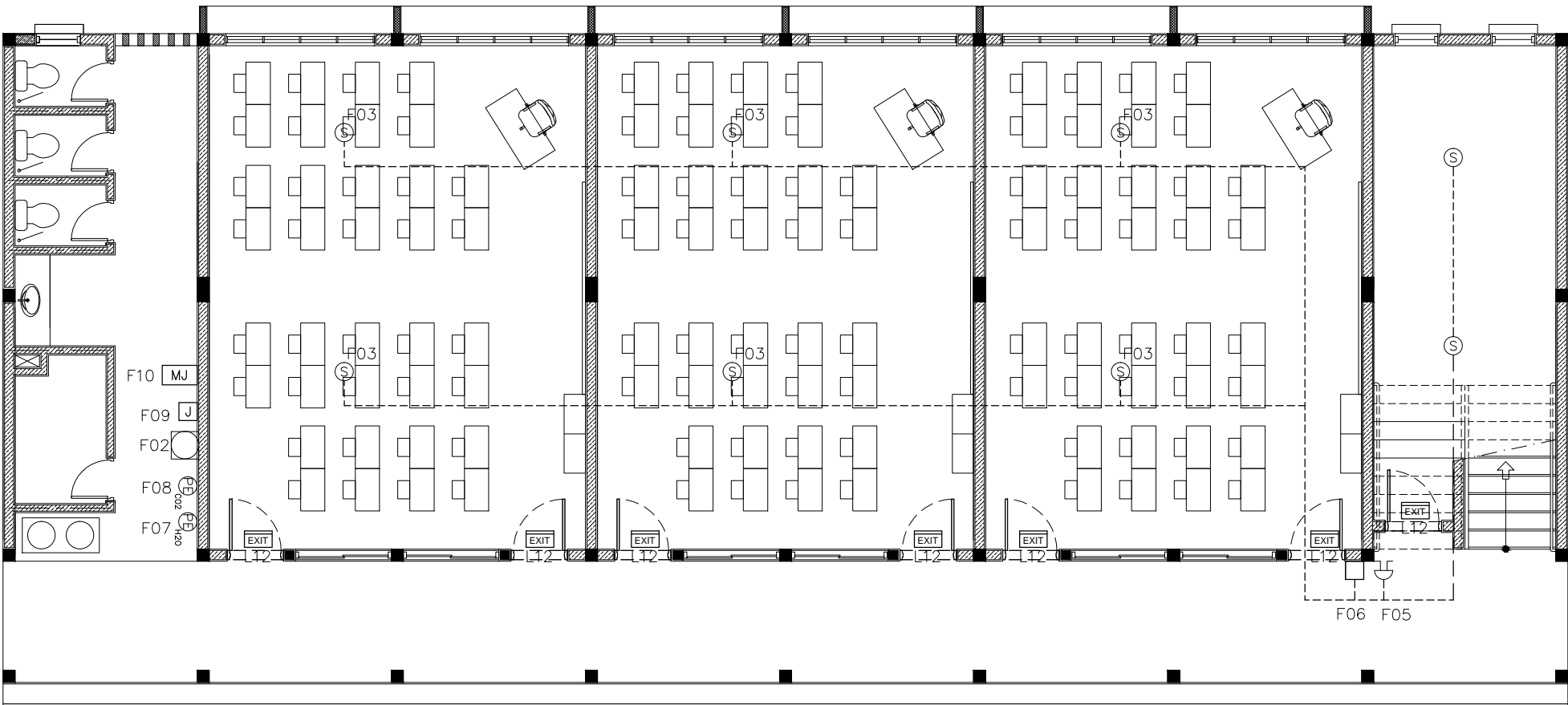
FIRE SAFETY DRAWINGS

JUNE 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY





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	F-01
	ENGINEER: MOHAMED AHSAN	LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: JUNE 2015	
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LEGEND

SYMBOL	CODE	DESCRIPTION
	F02	BREAK GLASS MANUAL CALL POINT
	F03	SMOKE DETECTOR
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	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	F-02	
	ENGINEER: MOHAMED AHSAN	LOCATION: S. MEEDHOO, SEENU ATOLL SCHOOL		
	SERVICES ENG:	DRAWING TITLE: AS GIVEN		
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION		
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN		
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				PROJECT NO.: 15-041