

PROPOSED 10 CLASS ROOM BLOCK AT Lh.Naifaru

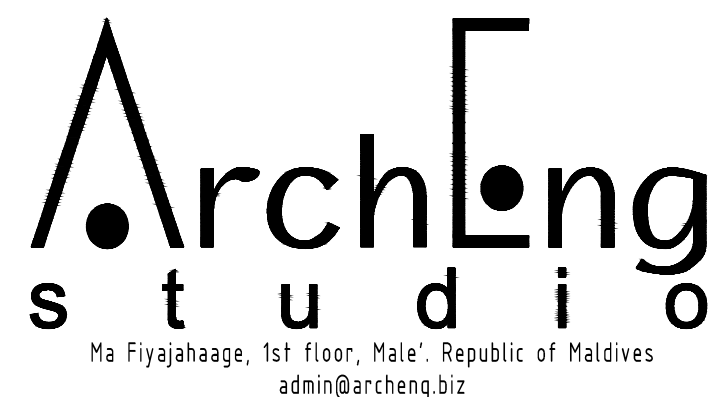
(2 STOREY)

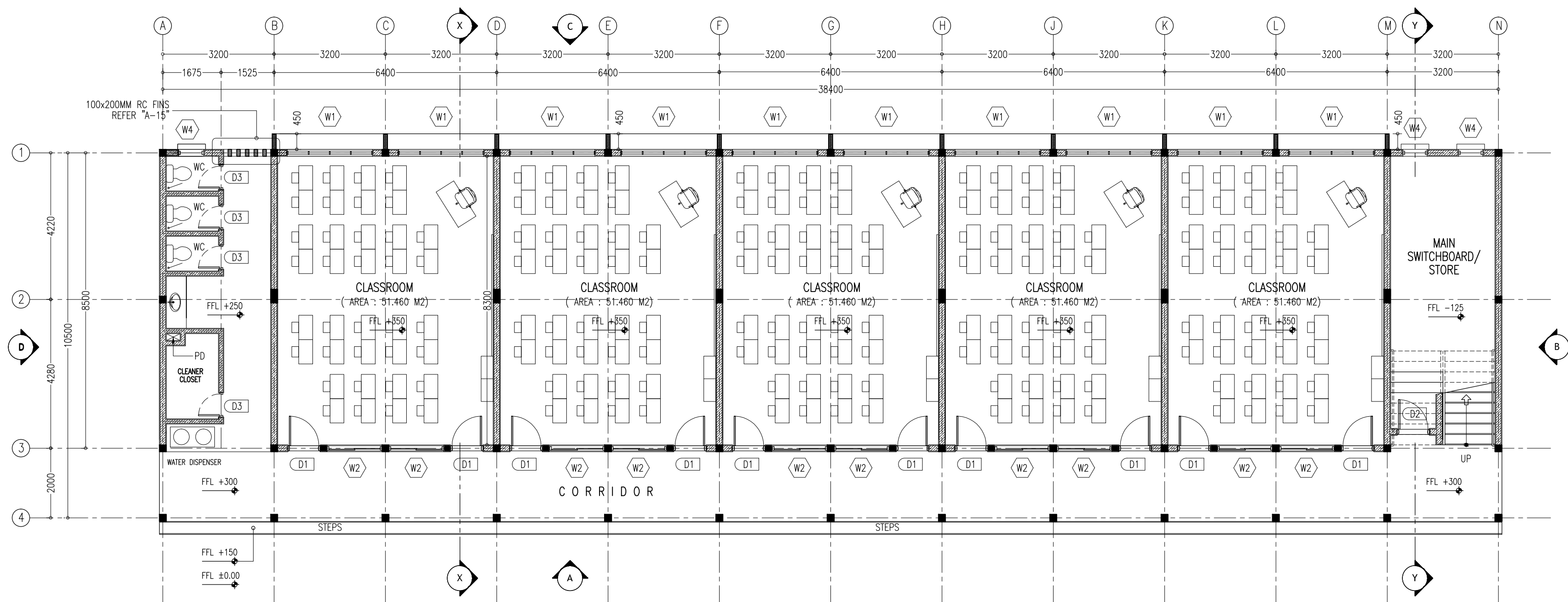
ARCHITECTURAL AND STRUCTURAL DRAWINGS

JULY 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY





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

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

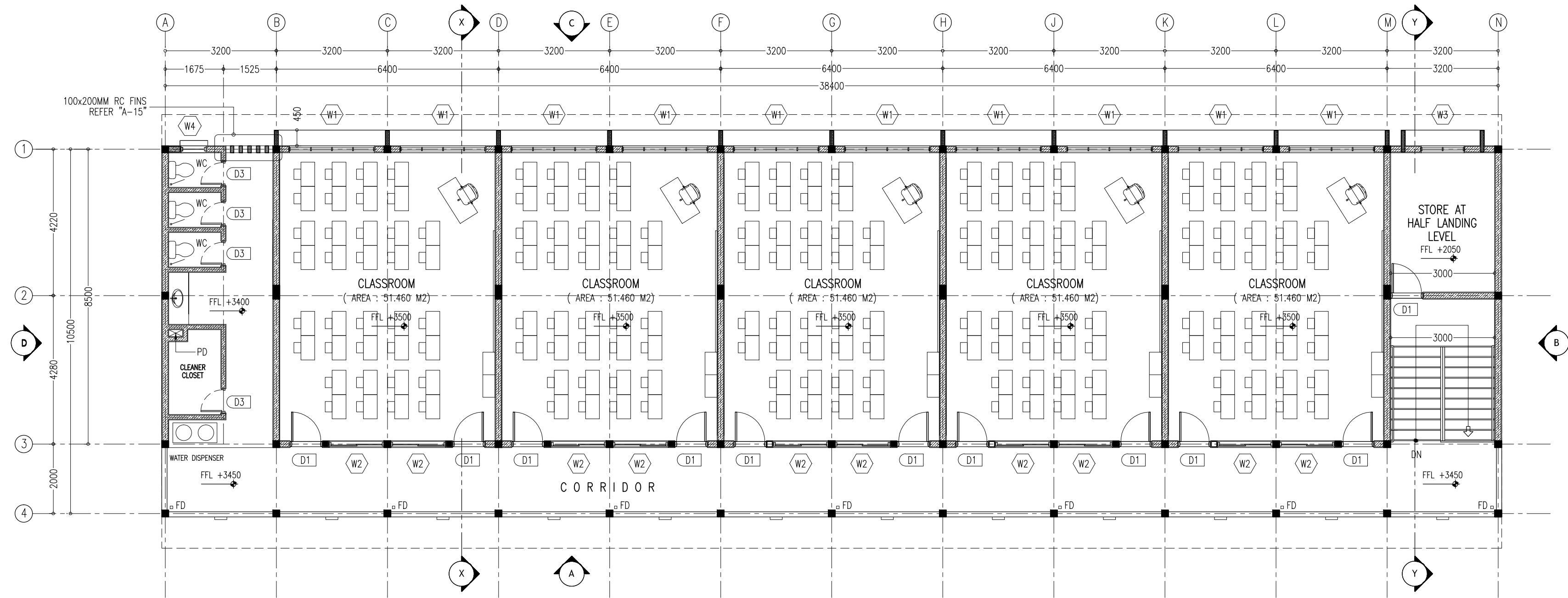
REVISION:	

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

PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LHJNAIFARU		
LOCATION:			
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION: MM	DATE: JULY 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

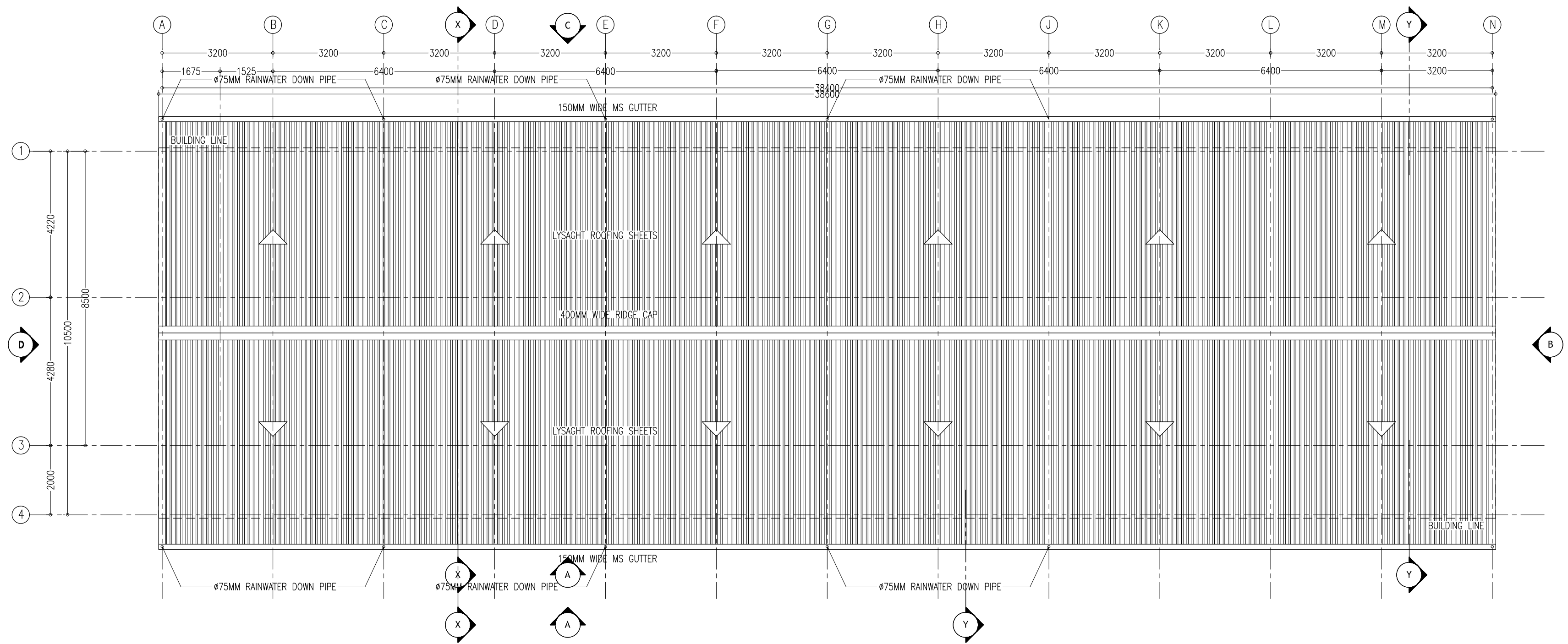
1ST FLOOR LAYOUT PLAN
SCALE 1:100

KEY /LEGEND NOTES	
	BLOCK MASONRY WALL
	150MM THK RC WALL 850MM HIGH
FD : FLOOR DRAIN	

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SCALE READINGS



REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAJAFURU			<div>A-02</div>
	ENGINEER:	MOHAMED AHSAN	LOCATION:			
	SERVICES ENG:		DRAWING TITLE: AS GIVEN			
	ESTIMATOR:		CLIENT: MINISTRY OF EDUCATION			
	DRAWN BY:	SHAMHAD SAEED	SCALE: AS GIVEN			
			DIMENSION: MM	DATE: JULY 2015	DWG NO	
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ROOF LAYOUT PLAN
SCALE 1:100

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REVISION:	

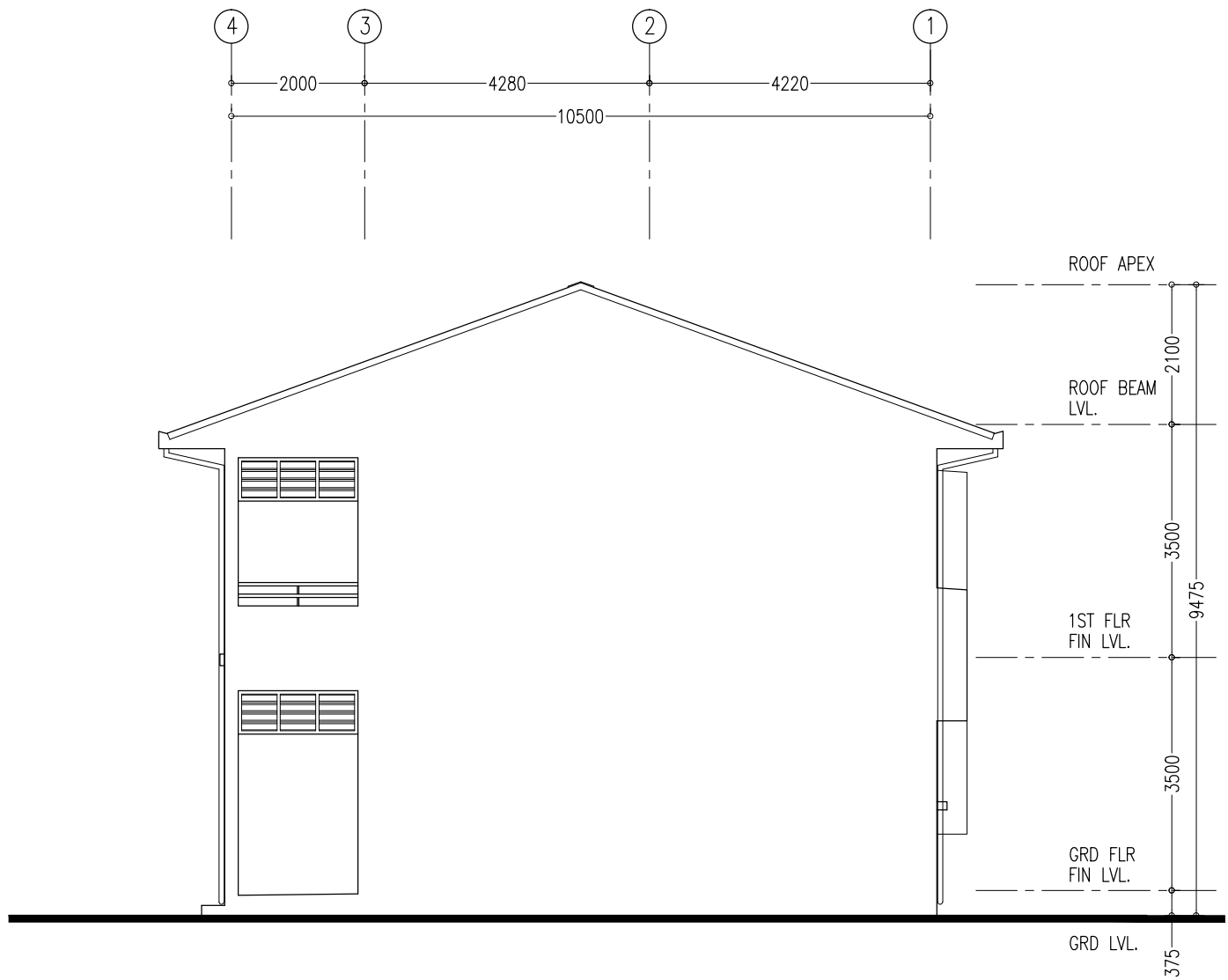
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD SAEED

PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU		
LOCATION:			
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE: AS GIVEN	DIMENSION: MM	DATE: JULY 2015	

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

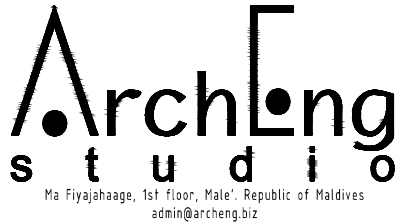


ELEVATION - A
SCALE 1:100



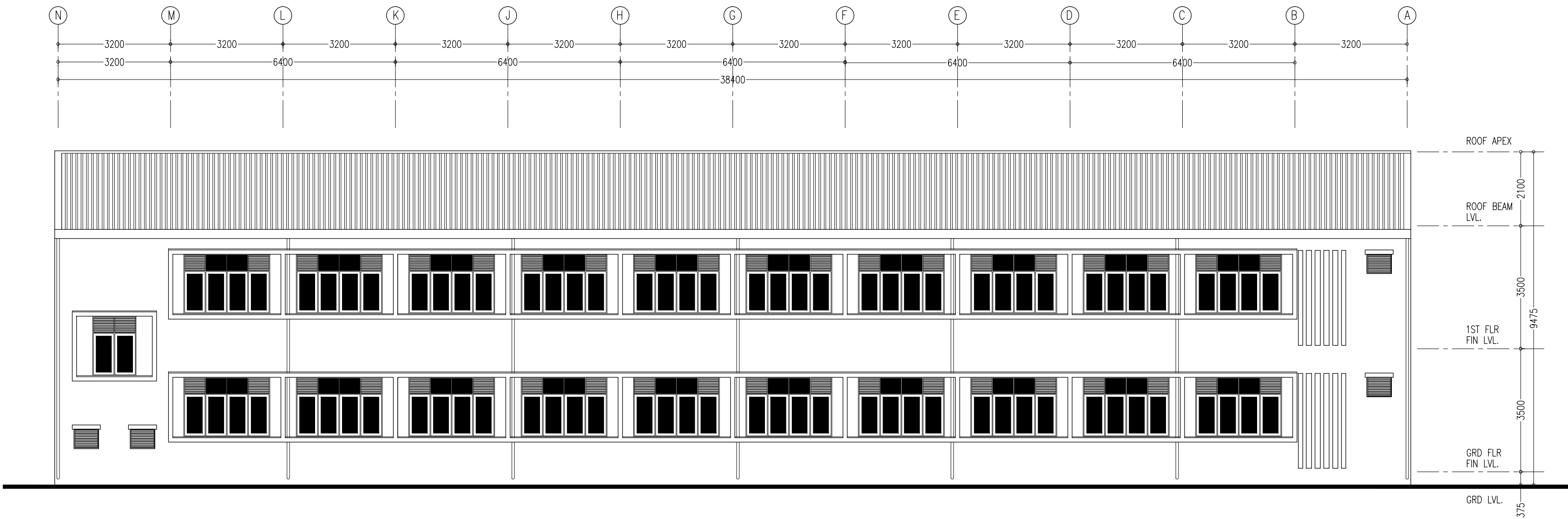
ELEVATION - B
SCALE 1:100

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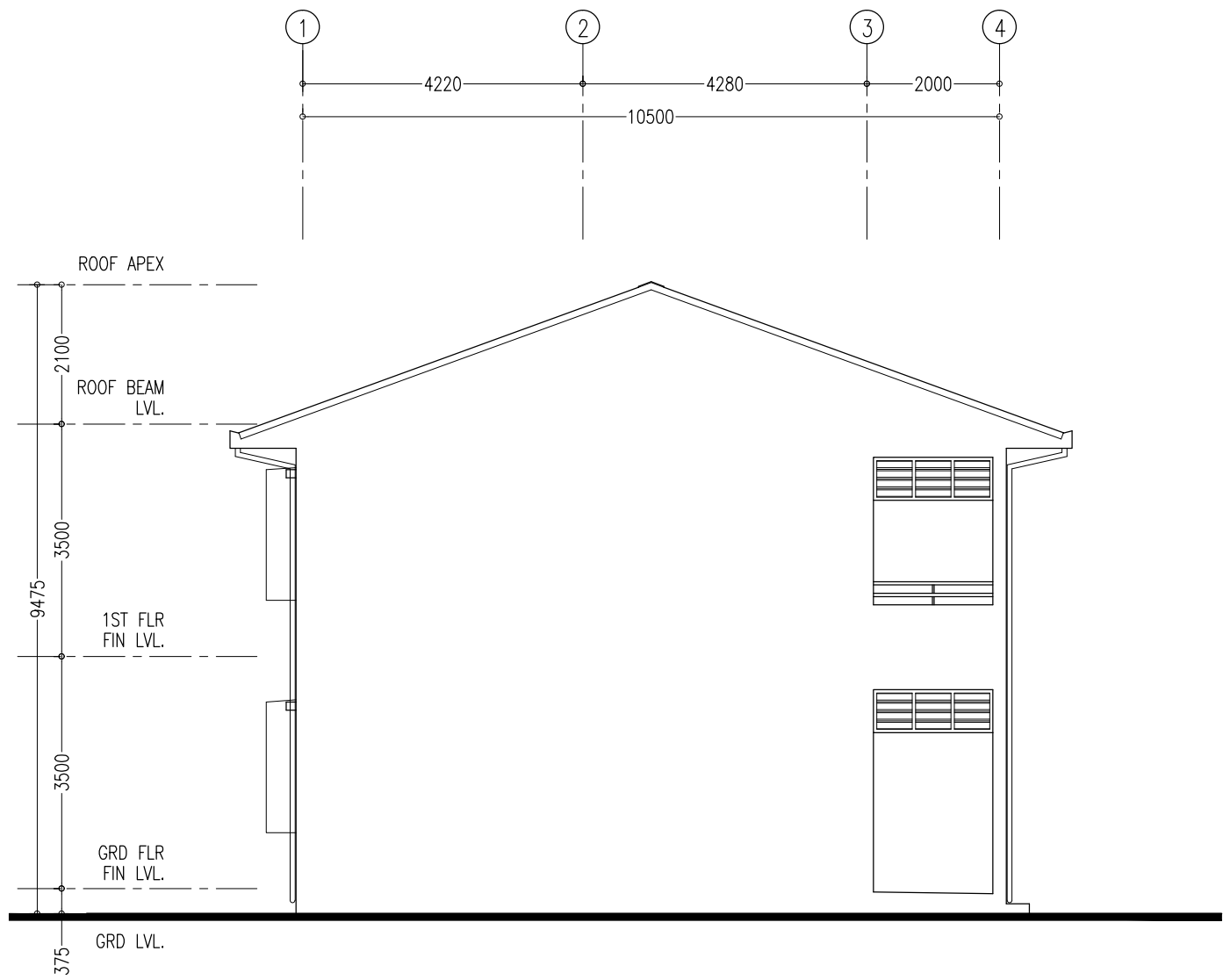


REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:			PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LHJNAFARU			A-04
	ENGINEER:	MOHAMED AHSAN	LOCATION:						
	SERVICES ENG:		DRAWING TITLE:			AS GIVEN			
	ESTIMATOR:		CLIENT:			MINISTRY OF EDUCATION			DWG NO
	DRAWN BY:	SHAMHAD SAEED	SCALE: AS GIVEN			DIMENSION: MM		DATE: JULY 2015	PROJECT NO.: 15-041

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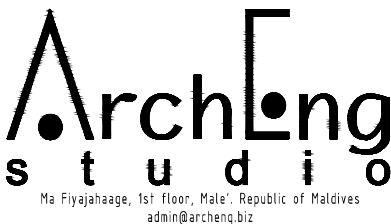


ELEVATION - C
SCALE 1:100



ELEVATION - D
SCALE 1:100

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REVISION:

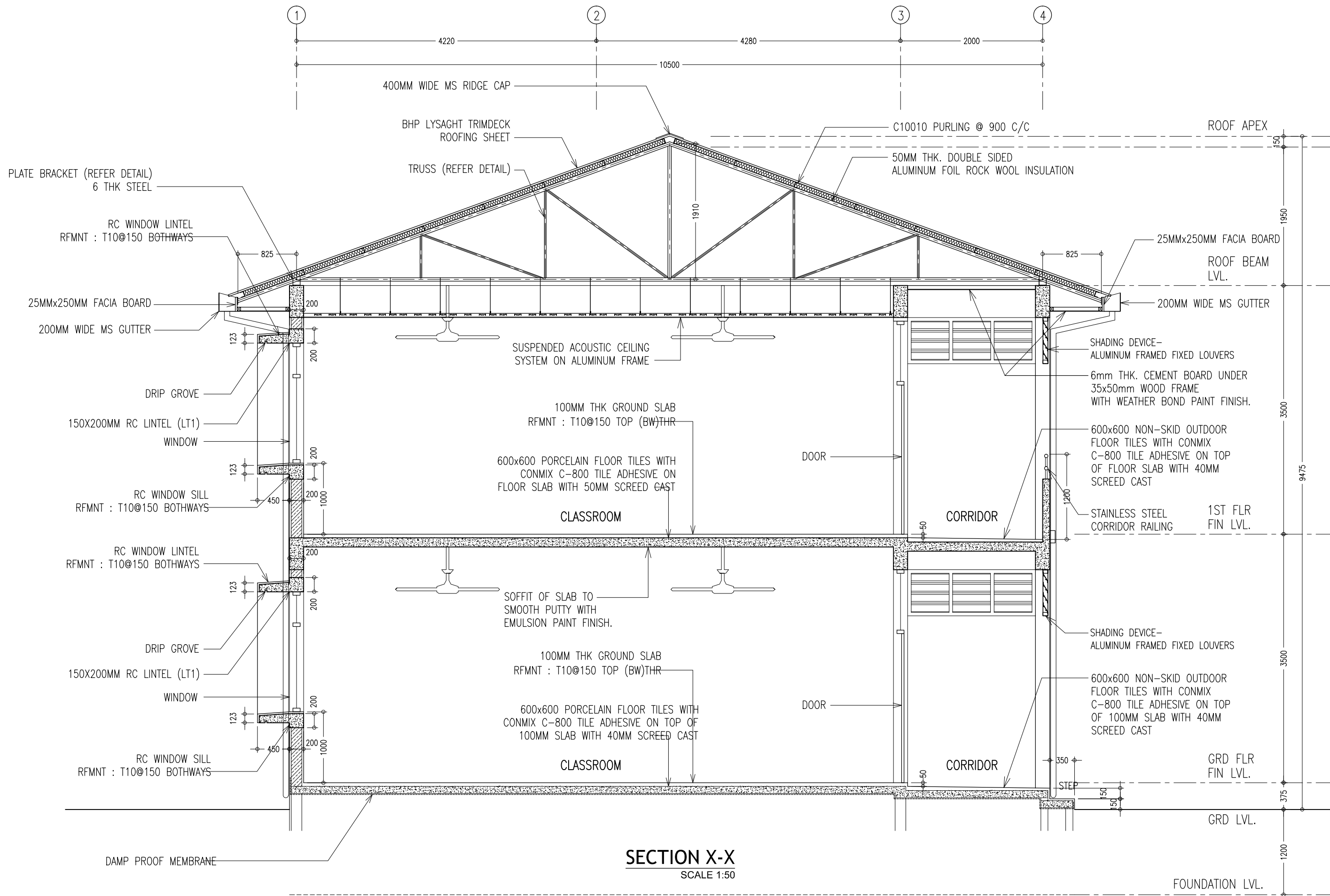
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: SHAMHAD SAEED

PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU
LOCATION:
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN
DIMENSION: MM
DATE: JULY 2015

A-05

DWG NO
PROJECT NO.: 15-041

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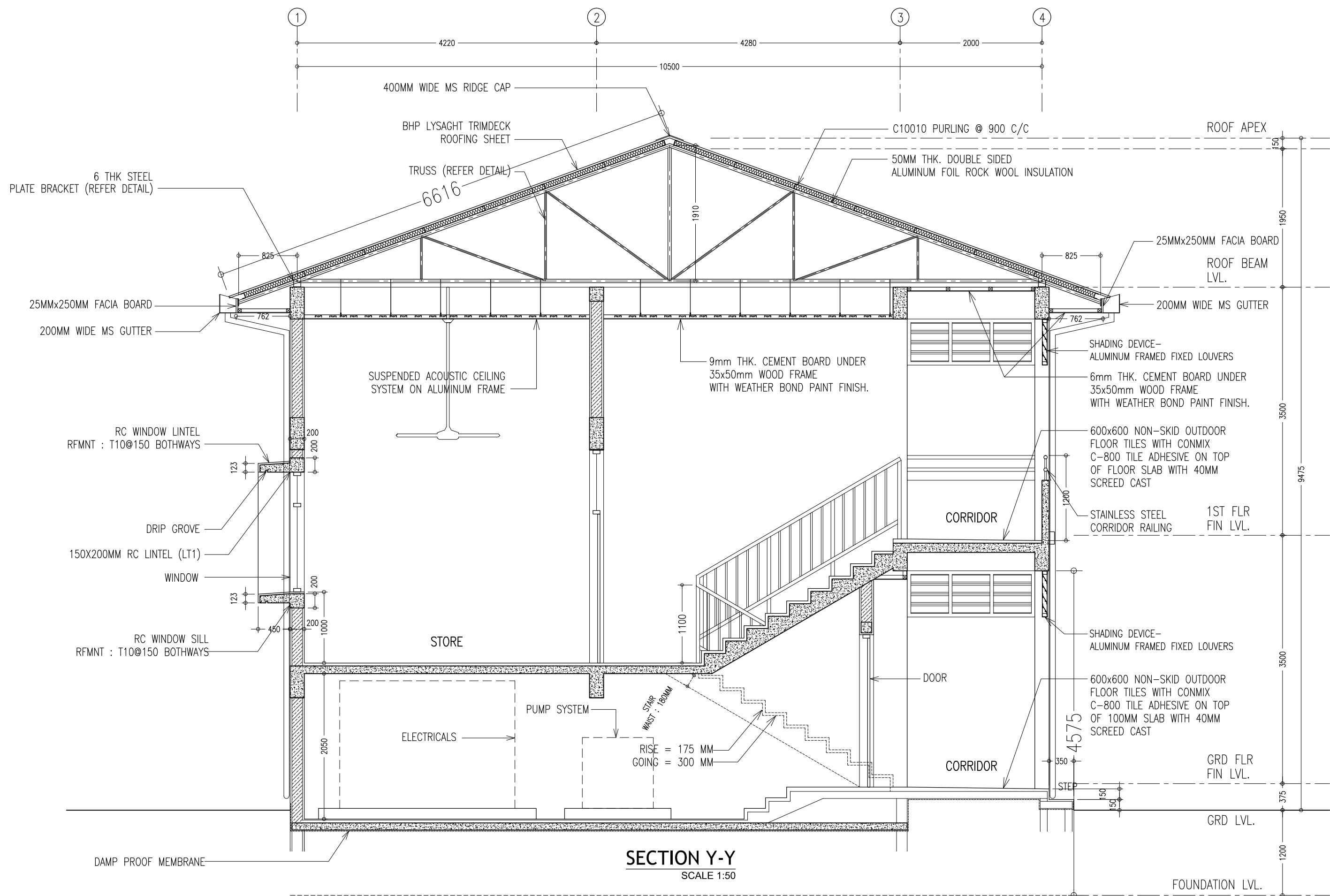
REVISION:	

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

PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LHNAIFARU		
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DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION: MM	DATE: JULY 2015

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

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REVISION:

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

PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU
LOCATION:
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN
DIMENSION: MM
DATE: JULY 2015

A-07
DWG NO
PROJECT NO.: 15-041

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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	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 :						
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 :	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

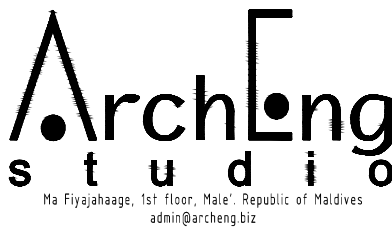
ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO FABRICATION

ALL TIMBER FOR WOODEN DOORS SHALL BE TREATED FOR THE USE IN INDOORS.

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

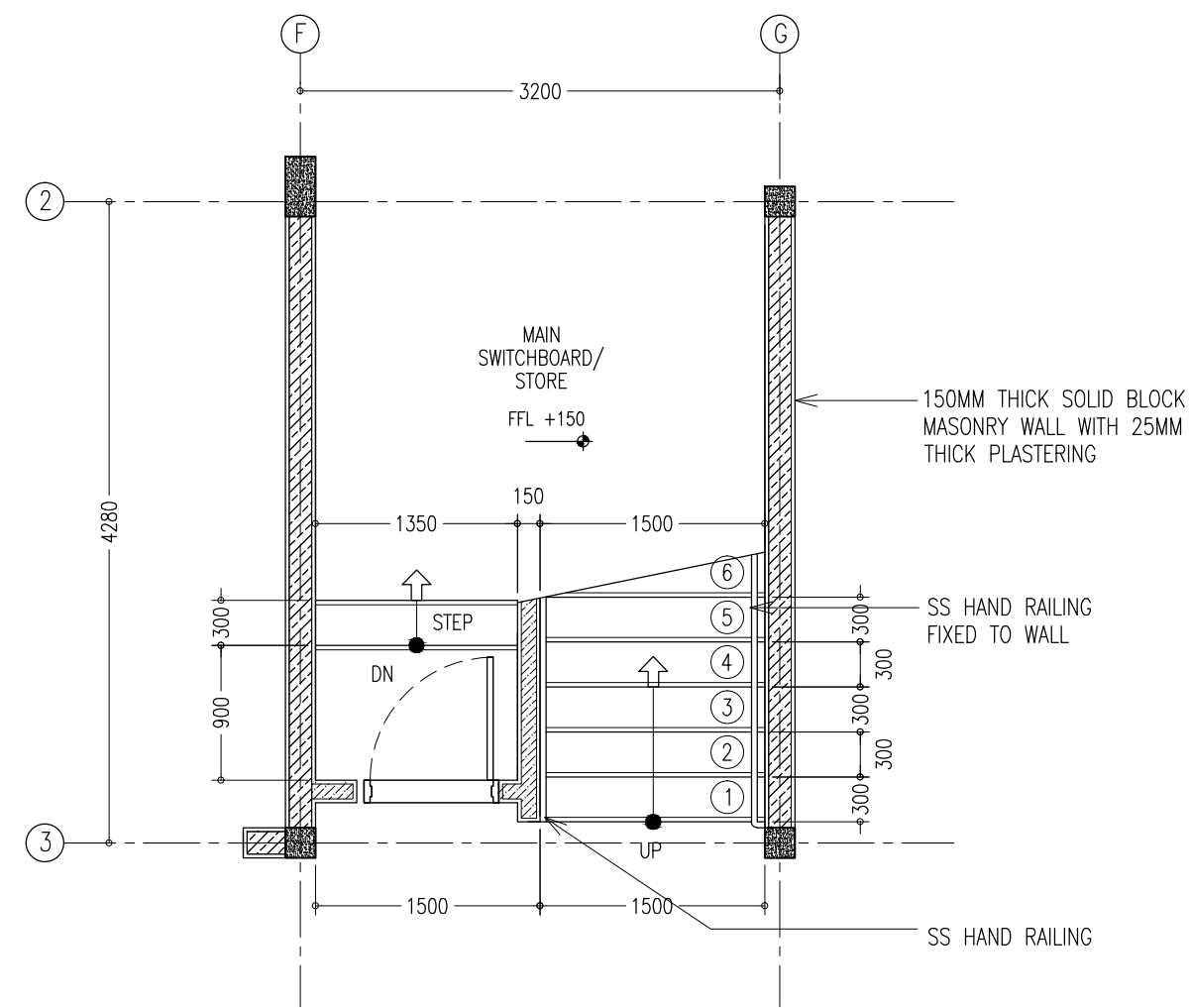
DOOR / WINDOW SCHEDULE
SCALE 1:50

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

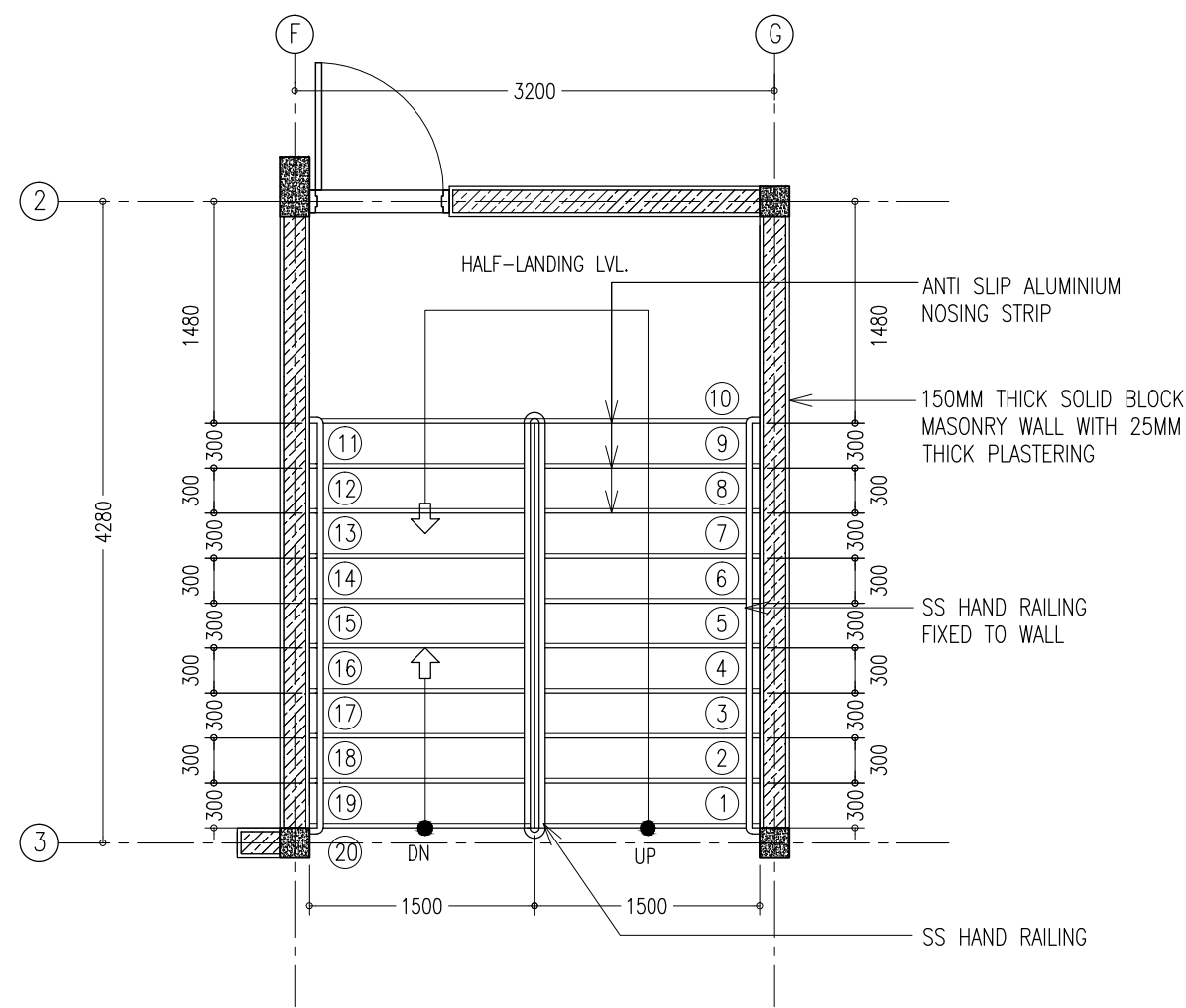


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU			<div>A-08</div>
	ENGINEER: MOHAMED AHSAN	LOCATION:			
	SERVICES ENG:	DRAWING TITLE: AS GIVEN			
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION			
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN	DIMENSION: MM	DATE: JULY 2015	
					DWG NO
					PROJECT NO.: 15-041

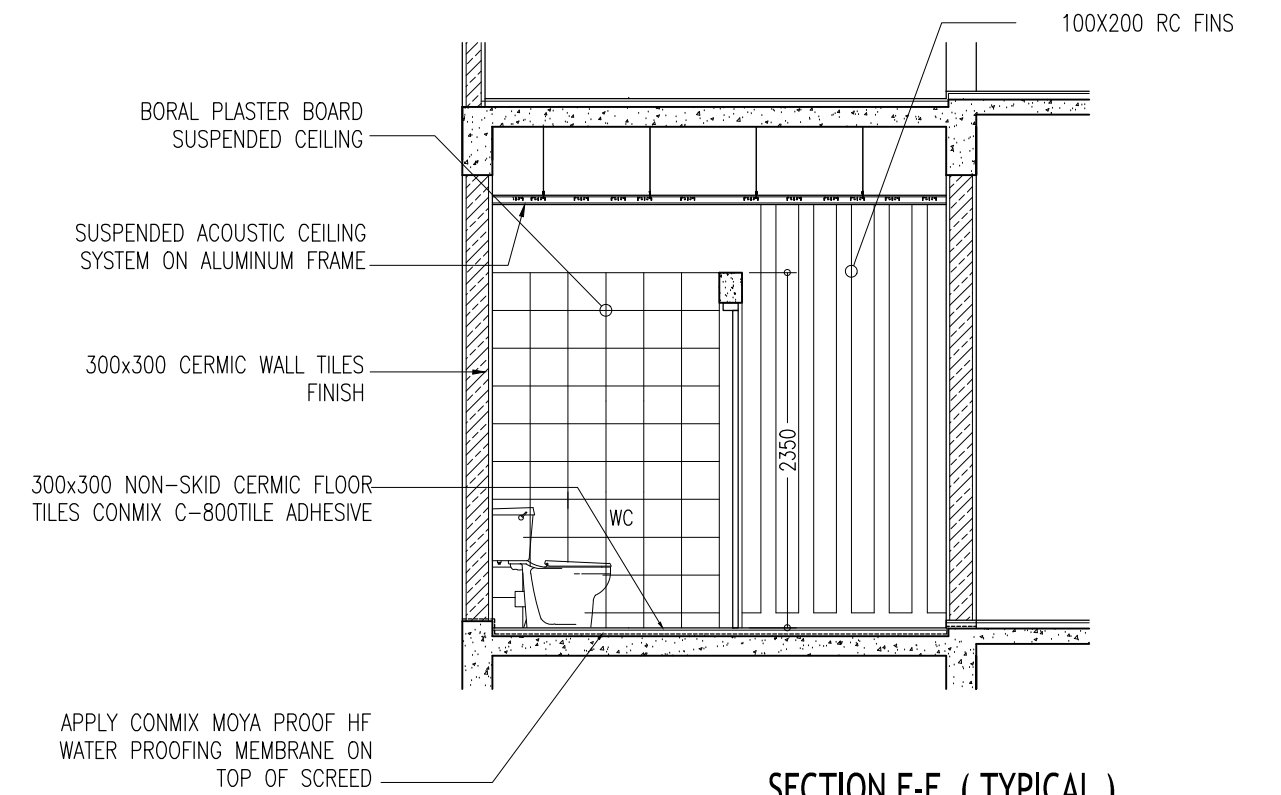
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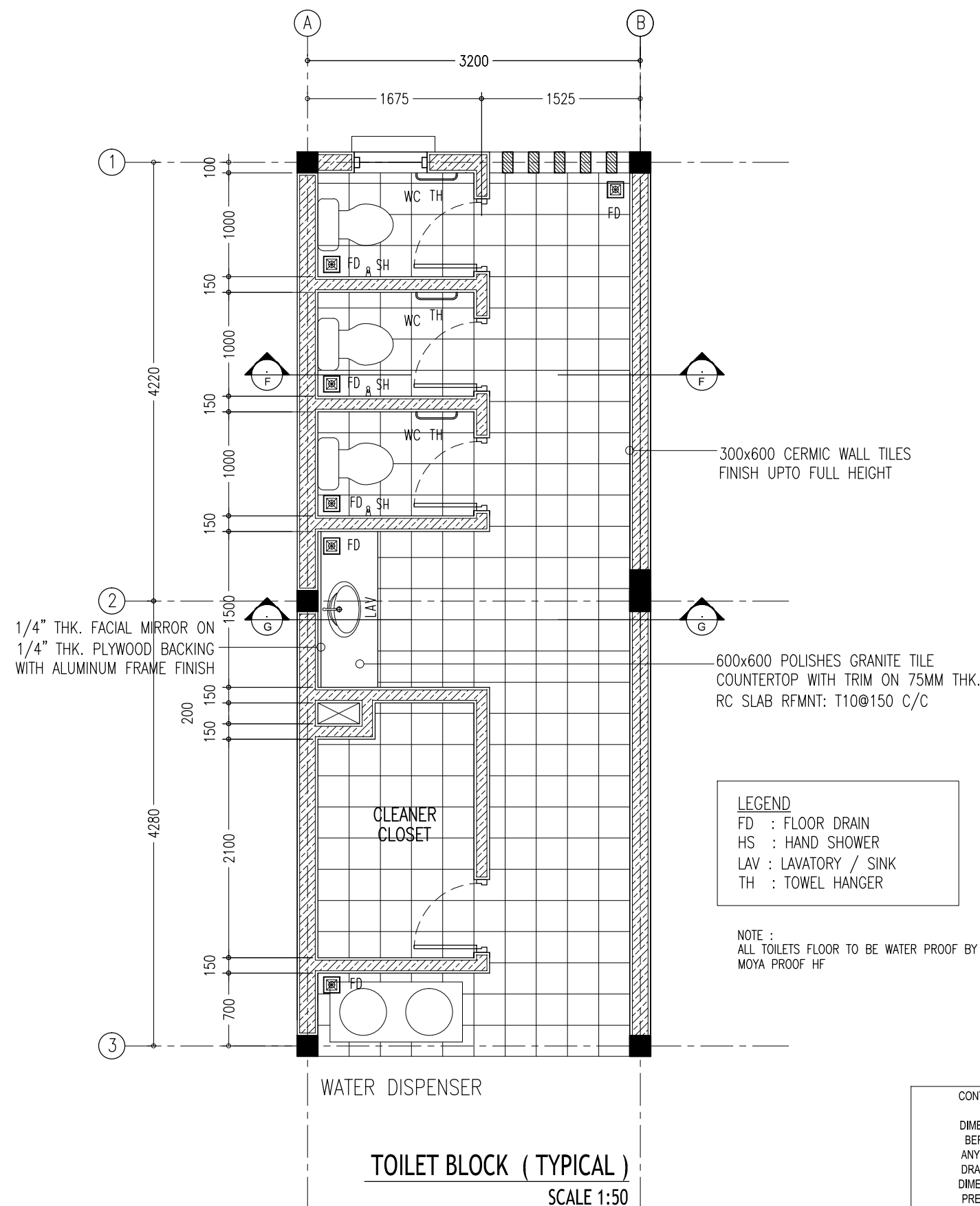
GROUND FLOOR STAIR PLAN
SCALE 1:50



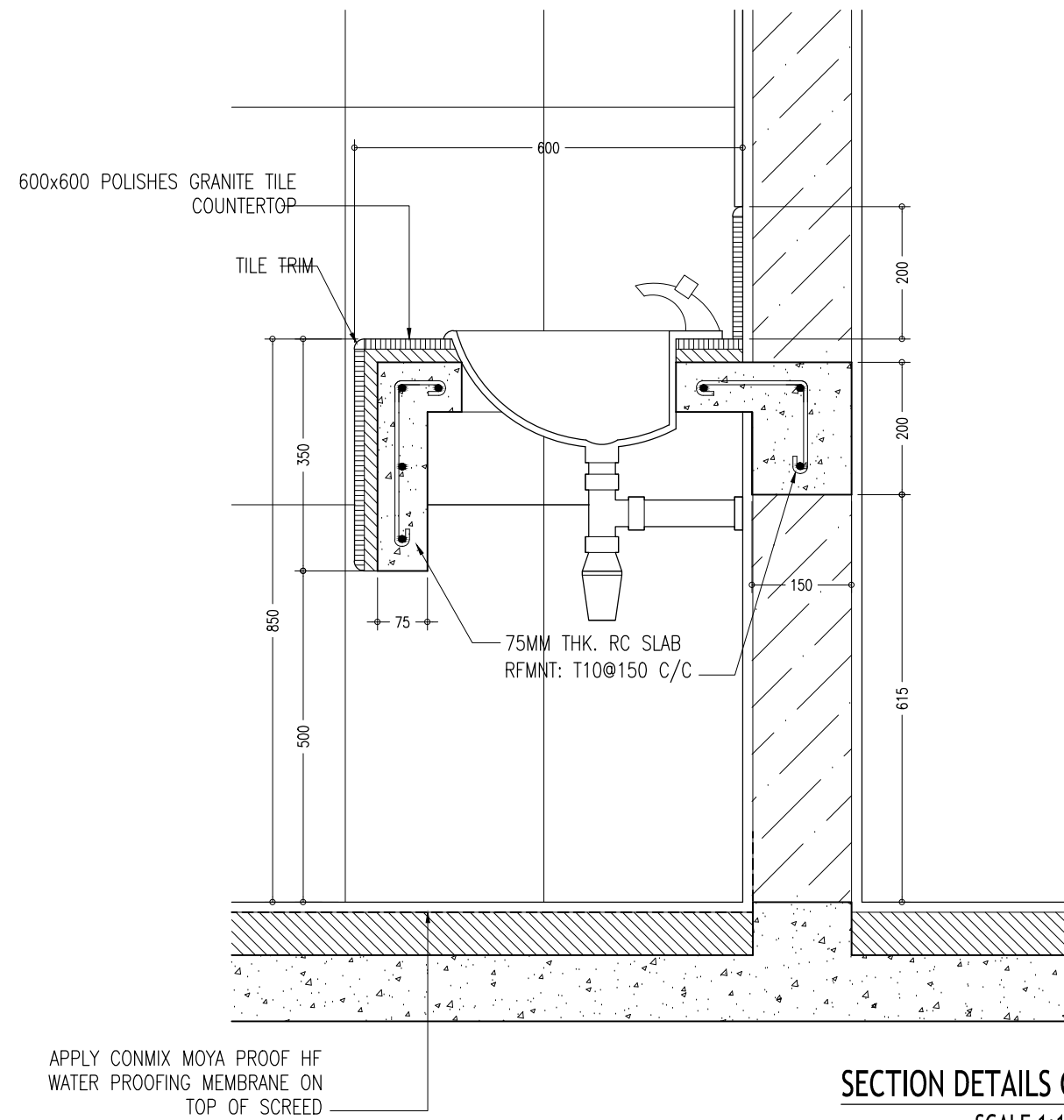
GRD-1ST FLOOR STAIR PLAN
SCALE 1:50



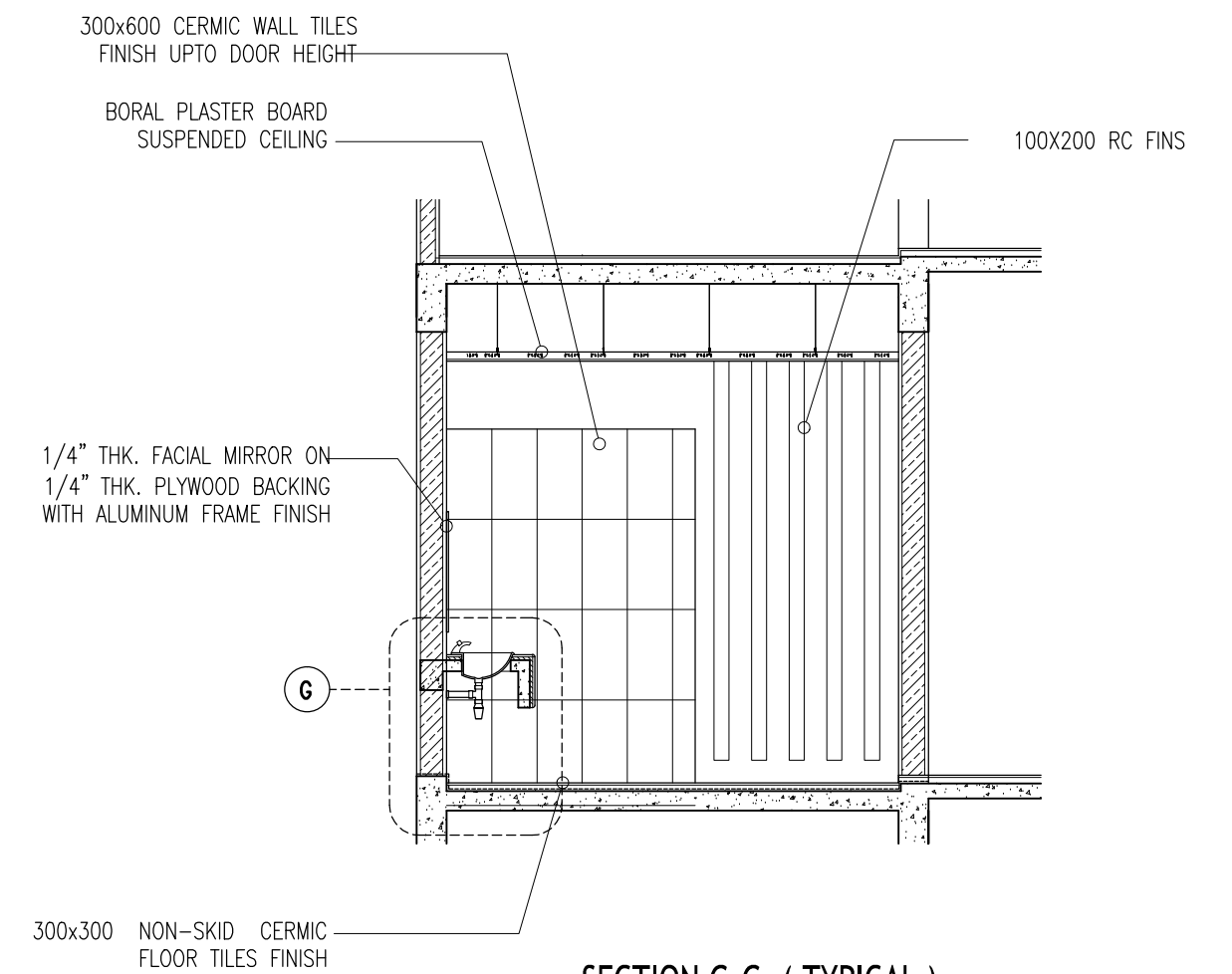
SECTION F-F (TYPICAL)
SCALE 1:50



TOILET BLOCK (TYPICAL)
SCALE 1:50



SECTION DETAILS G
SCALE 1:10



SECTION G-G (TYPICAL)
SCALE 1:50

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ArchEng
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admin@archeng.biz

REVISION:

ARCHITECT: MOHAMED HAMEEN

ENGINEER: MOHAMED AHSAN

SERVICES ENG:

ESTIMATOR:

DRAWN BY: SHAMHAD SAEED

PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAFAU

LOCATION:

DRAWING TITLE: AS GIVEN

CLIENT: MINISTRY OF EDUCATION

SCALE: AS GIVEN

DIMENSION: MM

DATE: JULY 2015

A-09

DWG NO

PROJECT NO.: 15-041

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TYPICAL BALCONY PARAPET WALL
SCALE 1:20

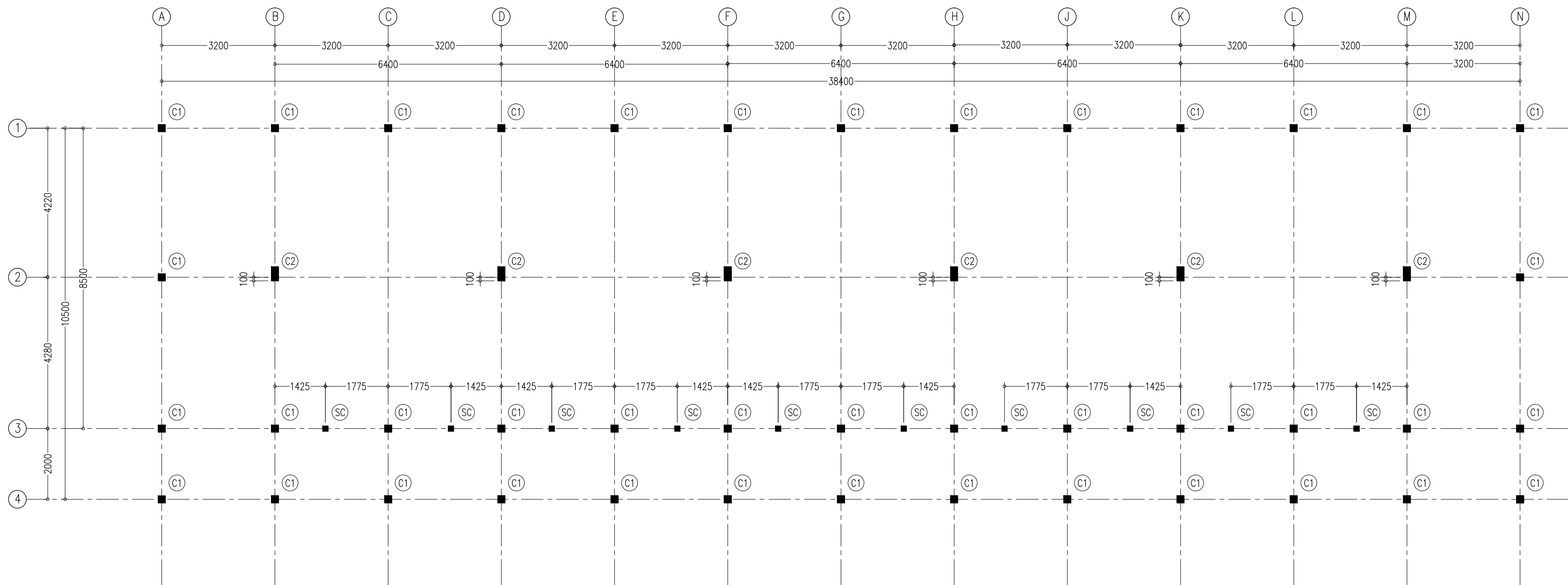


ELEVATION - BA

ArchEng
s t u d i o

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

REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU			<div>A-10</div>
	ENGINEER:	MOHAMED AHSAN	LOCATION:				
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN			
	ESTIMATOR:		CLIENT:	MINISTRY OF EDUCATION			
	DRAWN BY:	SHAMHAD SAEED		SCALE:	DIMENSION: MM	DATE: JULY 2015	DWG NO
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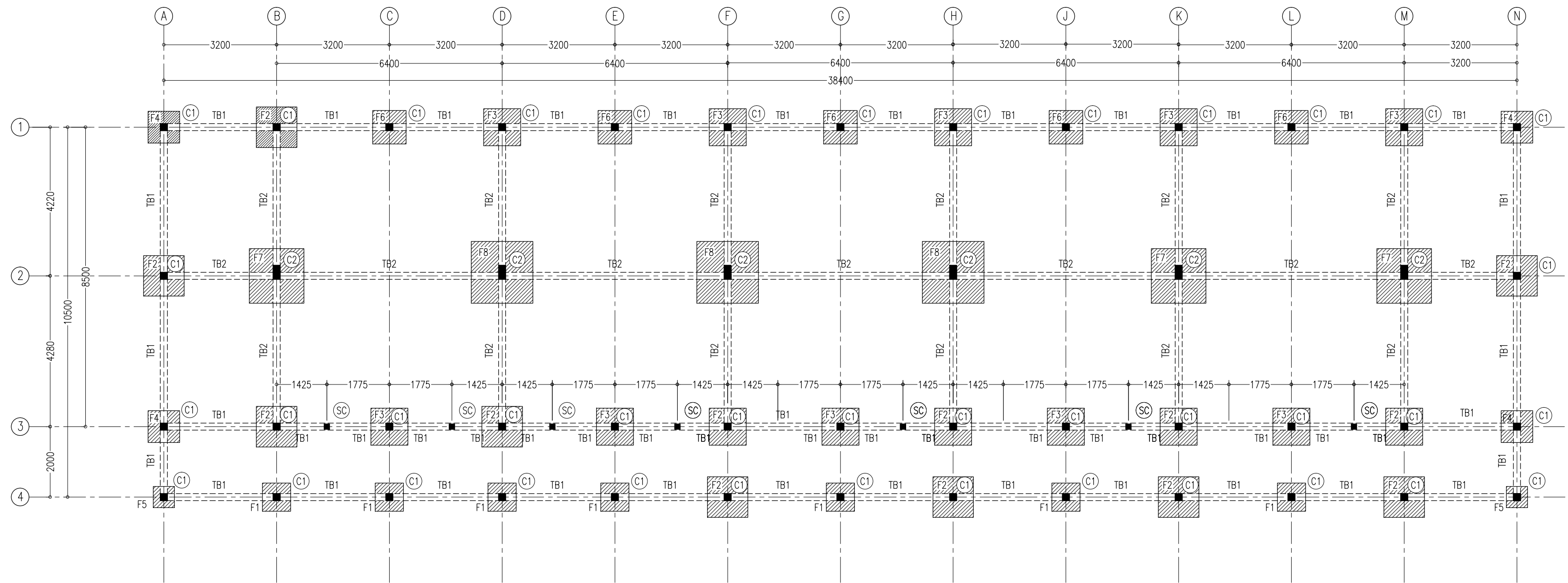
- NOTES :
- COVER TO FOUNDATION: 50MM
 - COVER TO BEAMS : 50MM
 - COVER TO COLUMNS : 40MM
 - CONCRETE MIX : 1:2:3 UNLESS STATED
 - ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.
 - ADD CONMIX MEGA ADD WL3 TO ALL SUBSTRUCTURE CONCRETE.
 - APPY 2 COATS OF CONMIX MOYA SHIELD RBE TO ALL STRUCTURE CONCRETE BELOW GROUND LEVEL.

COLUMN SETTING LAYOUT PLAN
SCALE 1:100

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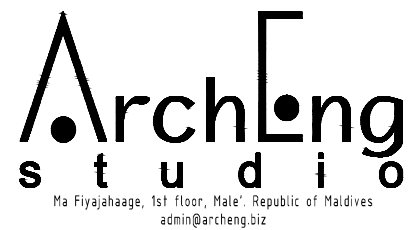
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU	S-01
	ENGINEER: MOHAMED AHSAN	LOCATION:	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN DIMENSION: MM DATE: JULY 2015	
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 - COVER TO BEAMS : 50MM
 - COVER TO COLUMNS : 40MM
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 - ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.
 - ADD CONMIX MEGA ADD WL3 TO ALL SUBSTRUCTURE CONCRETE.
 - APPLY 2 COATS OF CONMIX MOYA SHIELD RBE TO ALL STRUCTURE CONCRETE BELOW GROUND LEVEL.

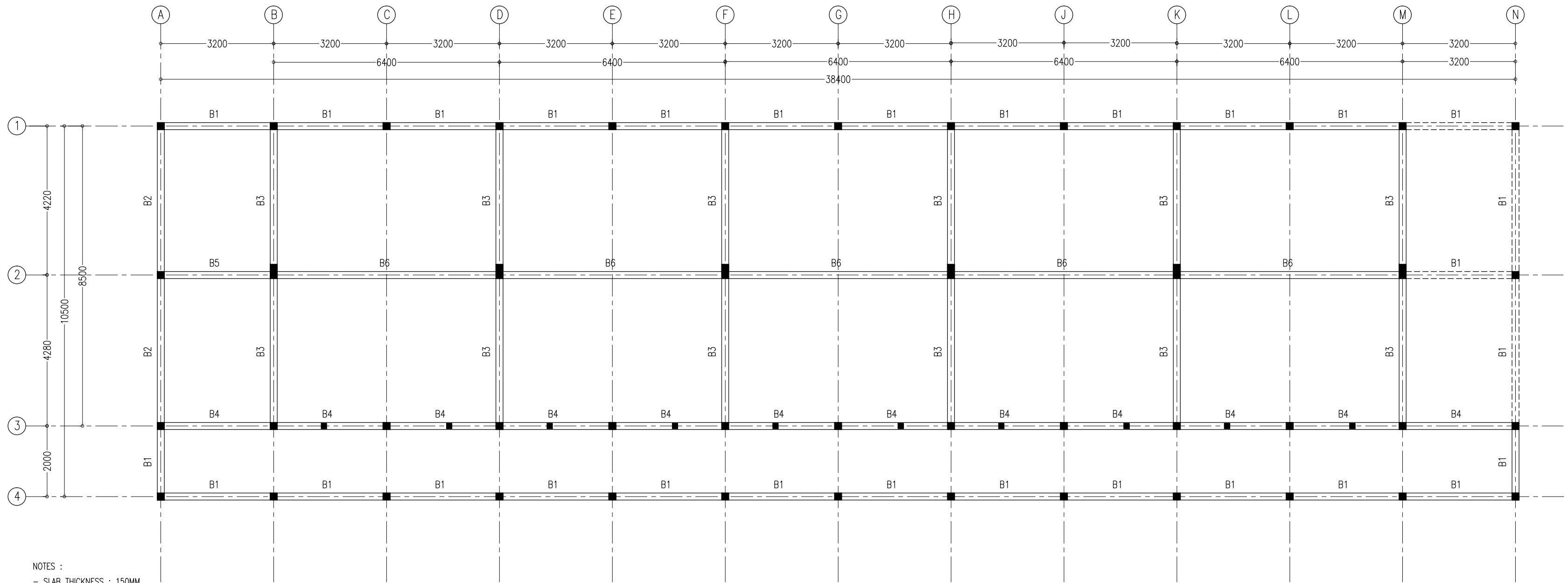
FOUNDATION LAYOUT PLAN
SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT L.H.NAIFARU	<div>S-02</div> <div>DWG NO</div> <div>PROJECT NO.: 15-041</div>
	ENGINEER: MOHAMED AHSAN	LOCATION:	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN DIMENSION: MM DATE: JULY 2015	

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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.

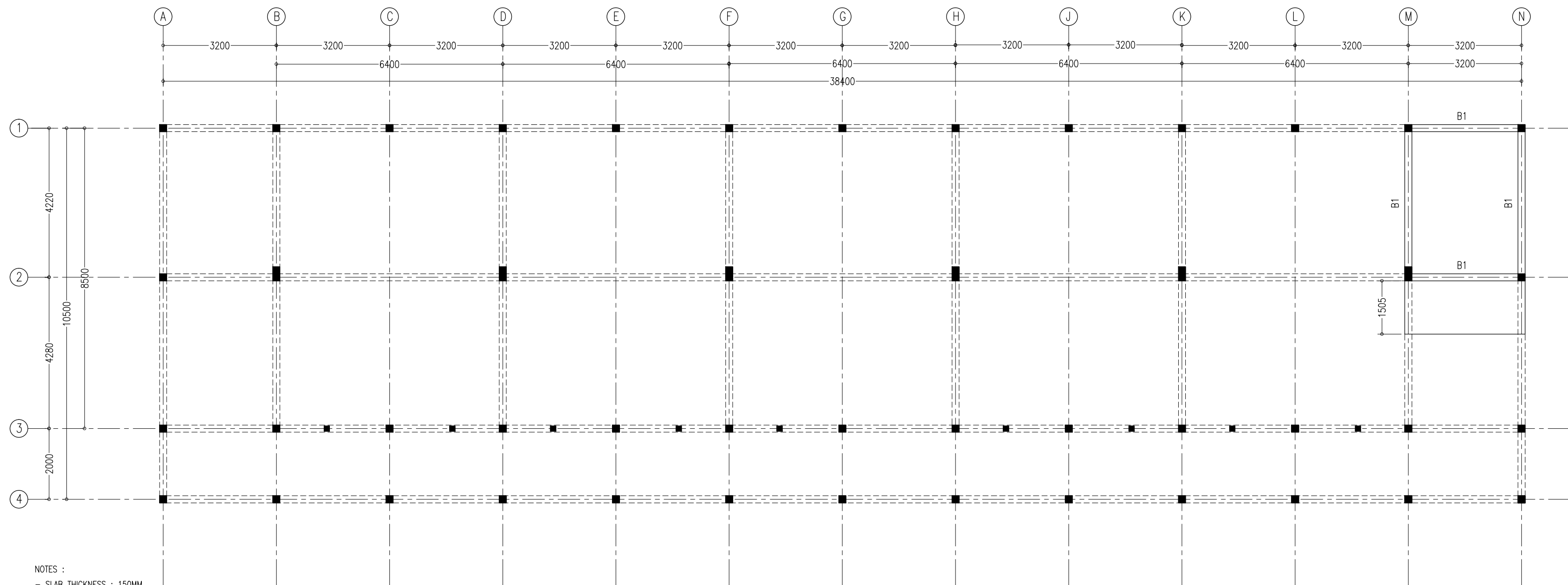
1ST FLOOR SLAB BEAM LAYOUT PLAN
SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LHJNAIFARU	S-03
	ENGINEER: MOHAMED AHSAN	LOCATION:	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN	
		DIMENSION: MM	DATE: JULY 2015
		PROJECT NO.: 15-041	

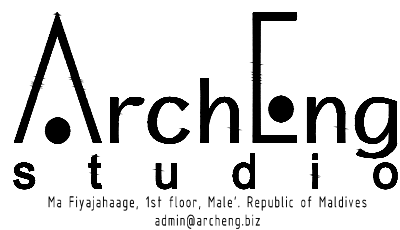
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- NOTES :
- SLAB THICKNESS : 150MM
ACCET WHERE STATED
 - SLAB BOTTOM COVER: 30MM
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UNLESS STATED
 - ADD CONMIX MEGAFLOW MP TO ALL EXTERNAL PLASTER &
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 - ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

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

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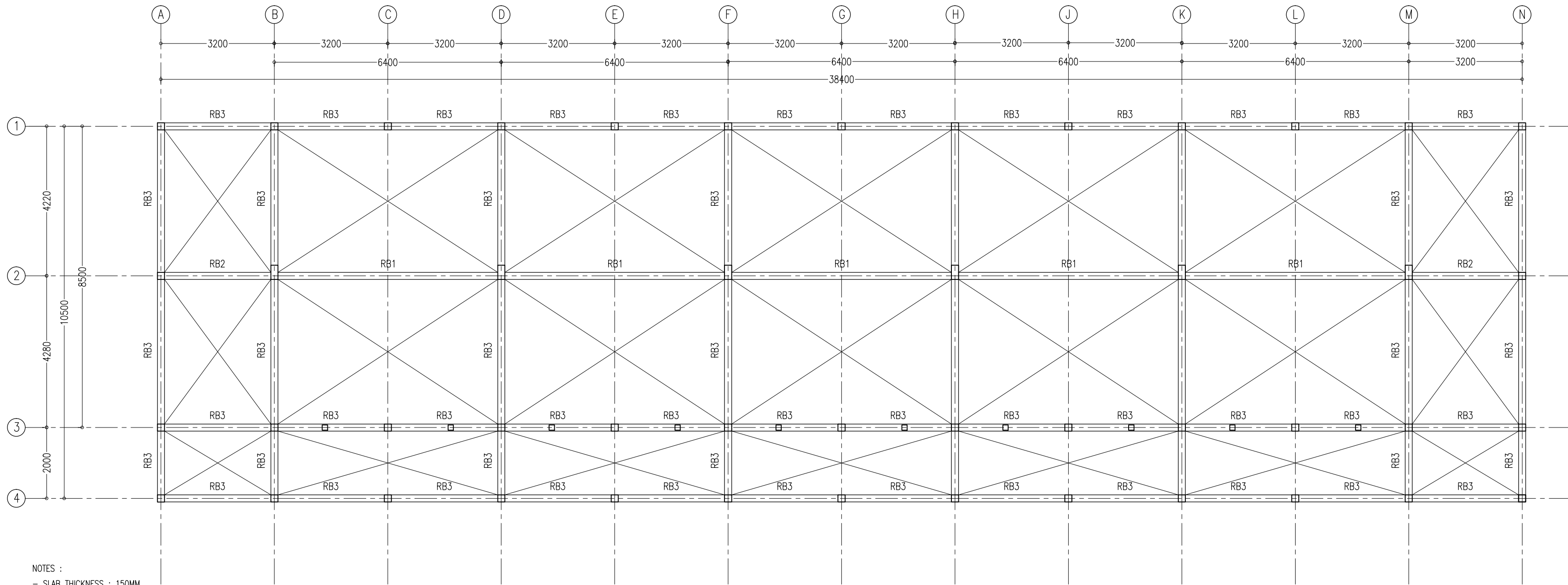
REVISION:

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

PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU		
LOCATION:			
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE: AS GIVEN	DIMENSION: MM	DATE: JULY 2015	

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

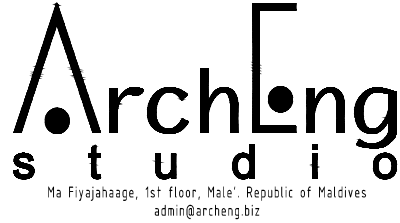
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- NOTES :
- SLAB THICKNESS : 150MM
ACCPET WHERE STATED
 - SLAB BOTTOM COVER: 30MM
 - SLAB TOP COVER: 25MM
 - COVER TO BEAMS : 35MM
 - COVER TO COLUMNS : 40MM
 - CONCRETE MIX : 1:2:3
UNLESS STATED
 - ADD CONMIX MEGAFLOW MP TO ALL EXTERNAL PLASTER &
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

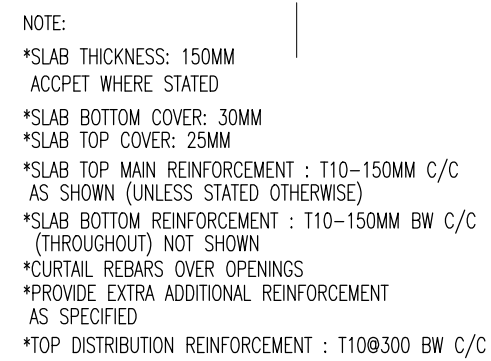


REVISION:	

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

PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU		
LOCATION:			
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION: MM	DATE: JULY 2015

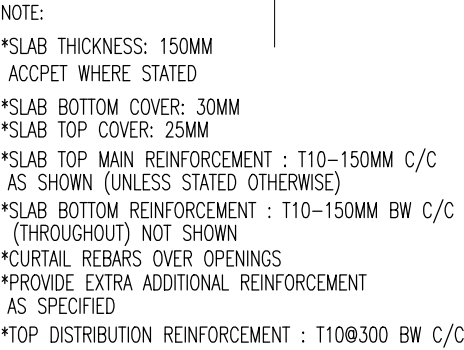
S-05
DWG NO
PROJECT NO.: 15-041




EXTRA 100 —
— INTO BEAM —

*ADD CONMIX MegaFlow P TO ALL SUPER
STRUCTURE CONCRETE

REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:			PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT L.H.NAIFARU			<div>S-06</div>		
	ENGINEER:	MOHAMED AHSAN	LOCATION:								
	SERVICES ENG:		DRAWING TITLE:			AS GIVEN					
	ESTIMATOR:		CLIENT:			MINISTRY OF EDUCATION					
	DRAWN BY:	SHAMHAD SAIED	SCALE:			AS GIVEN	DIMENSION:	MM		DATE:	JULY 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



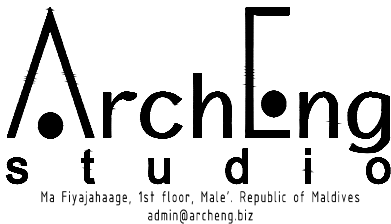
*TYPICAL TOP REBAR



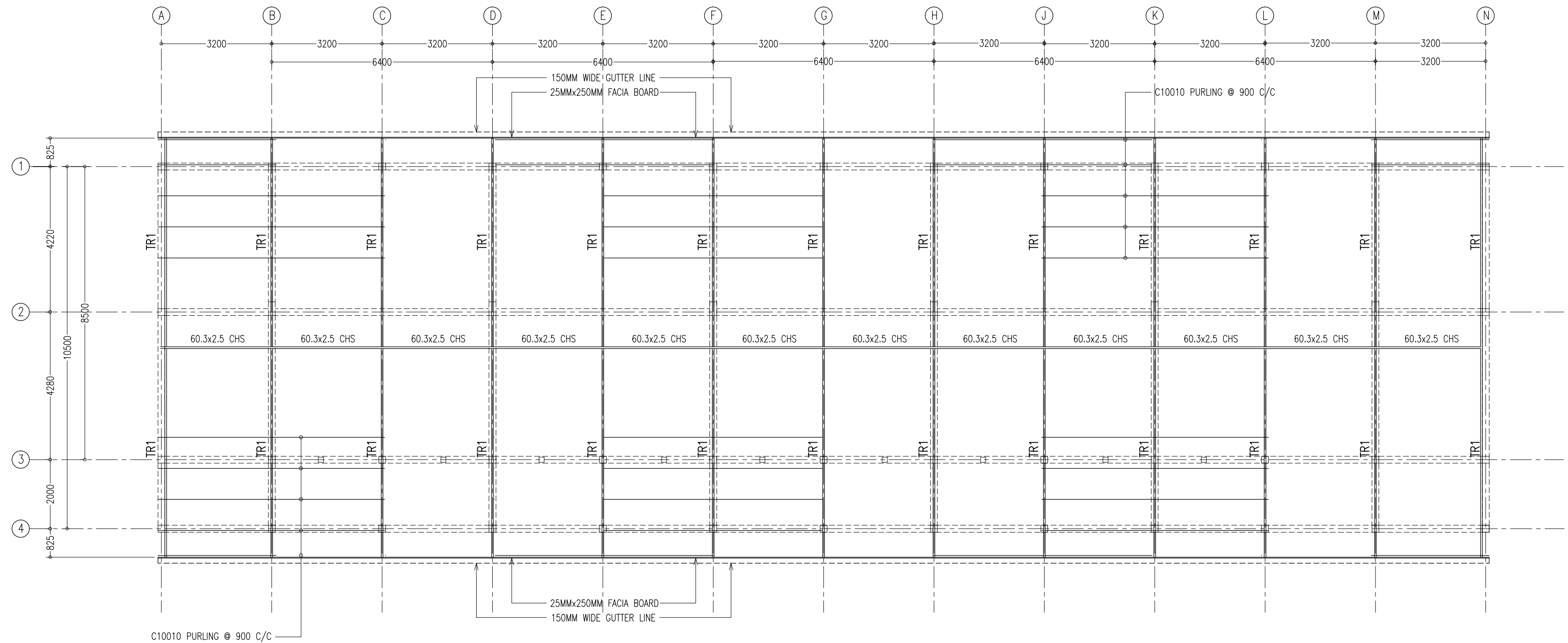
*FCU=25N/MM²

*ADD CONMIX MegaFlow P TO ALL SUPER
STRUCTURE CONCRETE

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DRAWINGS, FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

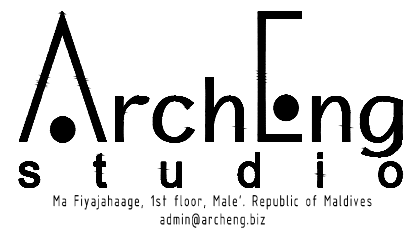


REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU			S-07			
	ENGINEER:	MOHAMED AHSAN	LOCATION:							
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN						
	ESTIMATOR:		CLIENT:	MINISTRY OF EDUCATION			DWG NO			
	DRAWN BY:	SHAMHAD SAEED		SCALE:	AS GIVEN	DIMENSION:	MM	DATE:	JULY 2015	PROJECT NO:
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ROOF STRUCTURE LAYOUT PLAN
SCALE 1:100

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



REVISION:	

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

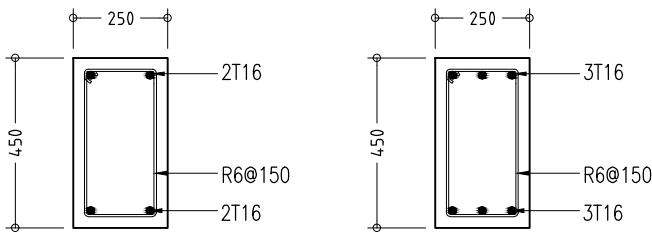
PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU		
LOCATION:			
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	JULY 2015

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

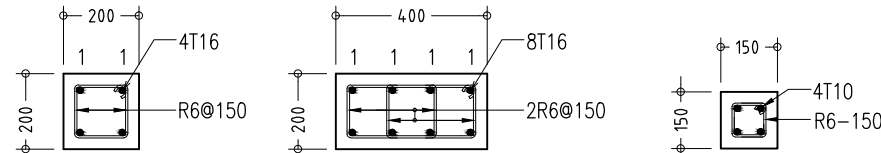
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FOOTING	LENGTH/mm	WIDTH/mm	DEPTH/mm	REINFORCEMENT
F1	800	800	300	T12@150mm C/C BW BOTTOM
F2	1150	1150	300	T12@150mm C/C BW BOTTOM
F3	1050	1050	300	T12@150mm C/C BW BOTTOM
F4	900	900	300	T12@150mm C/C BW BOTTOM
F5	600	600	300	T12@150mm C/C BW BOTTOM
F6	950	950	300	T12@150mm C/C BW BOTTOM
F7	1650	1650	300	T12@125mm C/C BW BOTTOM
F8	1750	1750	300	T12@100mm C/C BW BOTTOM

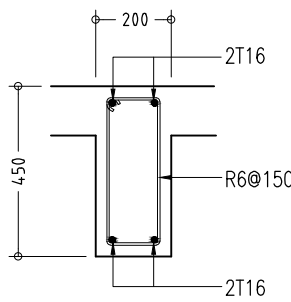
FOOTING DETAILS



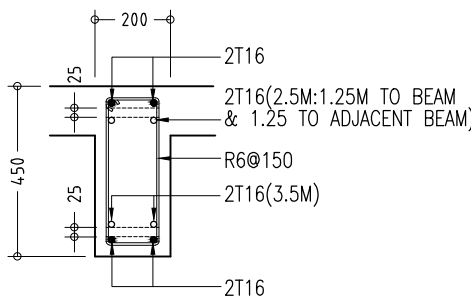
FOUNDATION BEAM DETAILS
SCALE 1:20



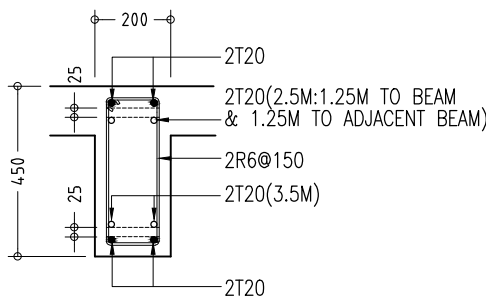
COLUMN DETAILS
SCALE 1:20



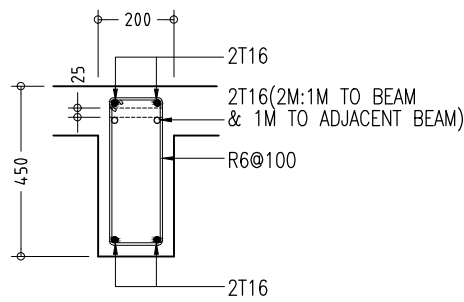
B1



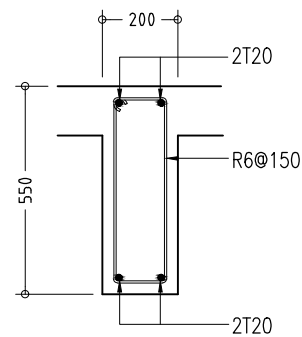
B2



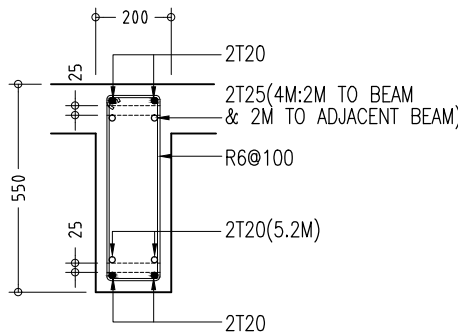
B3



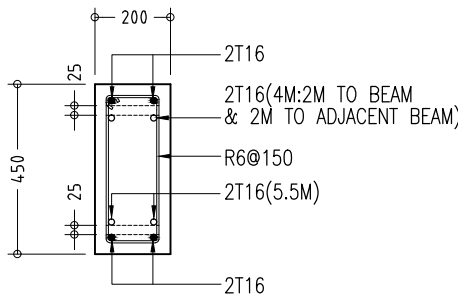
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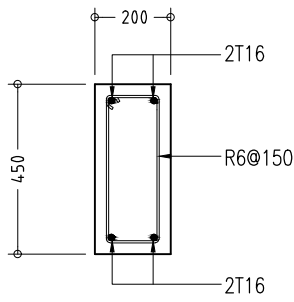
B5



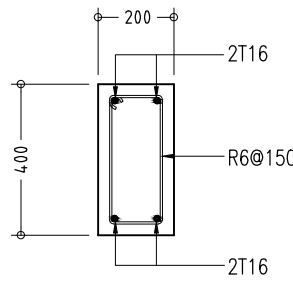
B6



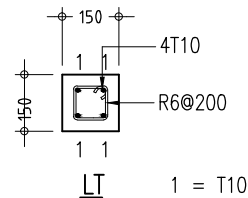
RB1



RB2



RB3



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

LINTEL/SILL BEAM DETAILS
SCALE 1:20

NOTE :
- COVER TO BEAMS : 35MM
- COVER TO COLUMNS : 40MM
- CONCRETE MIX : 1:2:3
UNLESS STATED
- ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

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

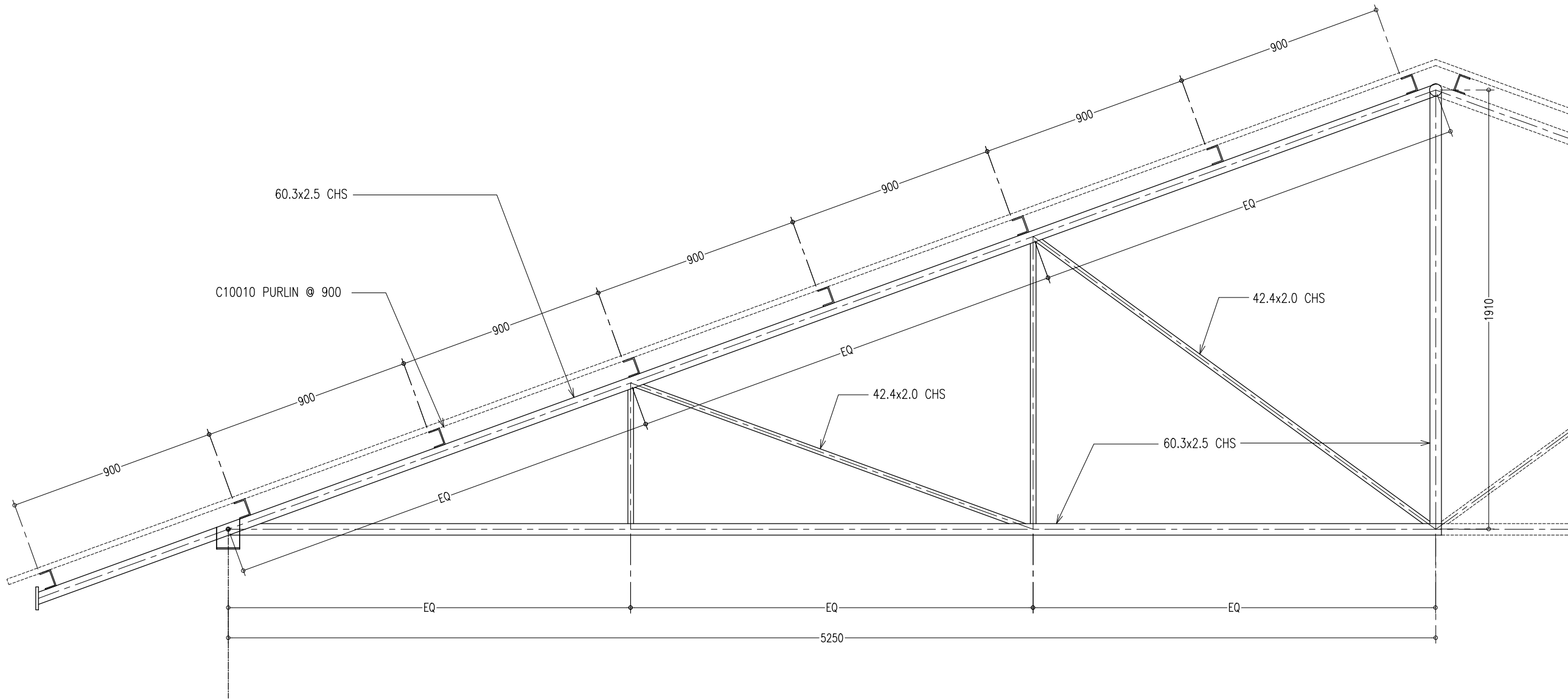
REVISION:	

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

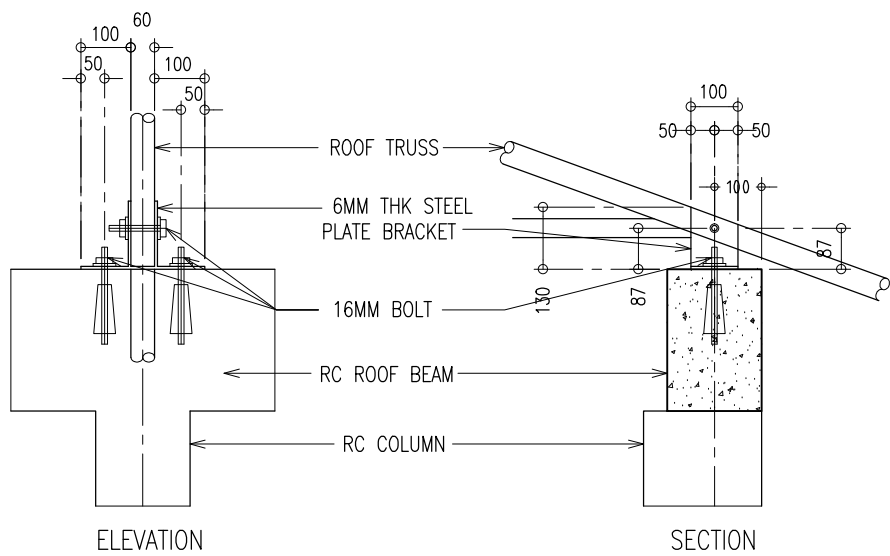
PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU
LOCATION:	
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	JULY 2015

S-09
DWG NO
PROJECT NO.: 15-041

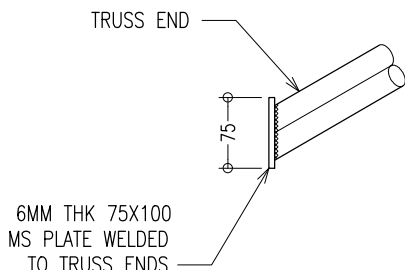
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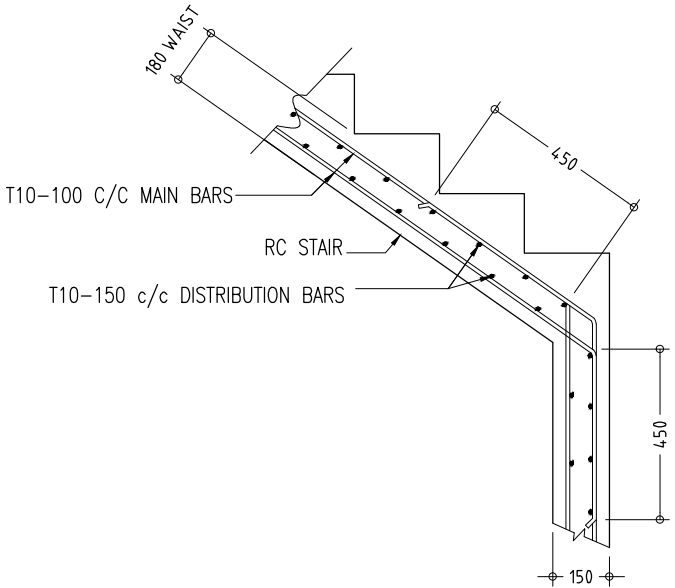
TRUSS - TR1
SCALE 1:20



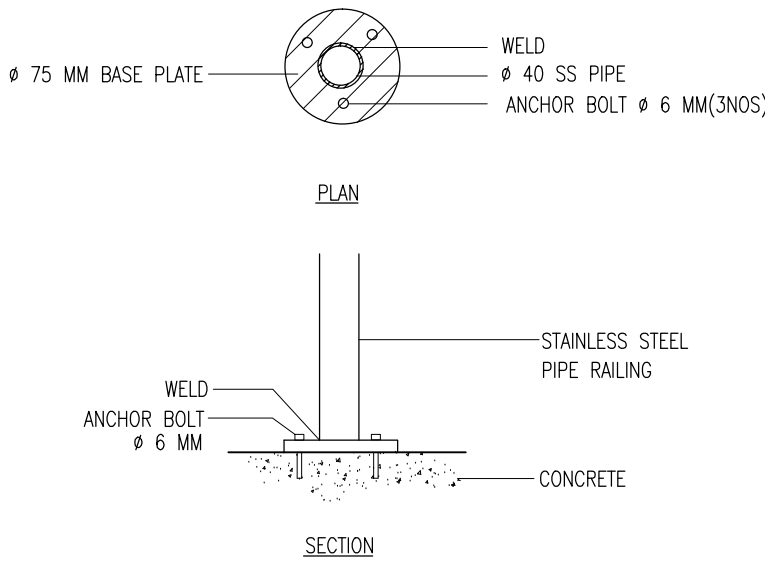
TYPICAL TRUSS FIXING DETAILS
SCALE : NTS



TYPICAL TRUSS END DETAILS
SCALE : NTS



TYPICAL STAIR RFMT DETAIL
SCALE 1:20



DETAIL D (STAIR RAILING)
SCALE 1:20

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DRAWINGS.FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:		ARCHITECT: MOHAMED HAMEEN		PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU			<div>S-10</div> <div>DWG NO</div> <div>PROJECT NO.: 15-041</div>
		ENGINEER: MOHAMED AHSAN		LOCATION:			
		SERVICES ENG:		DRAWING TITLE: AS GIVEN			
		ESTIMATOR:		CLIENT: MINISTRY OF EDUCATION			
DRAWN BY: SHAMHAD SAEED				SCALE: AS GIVEN		DATE: JULY 2015	
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT.LTD. UNAUTHORISED 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							

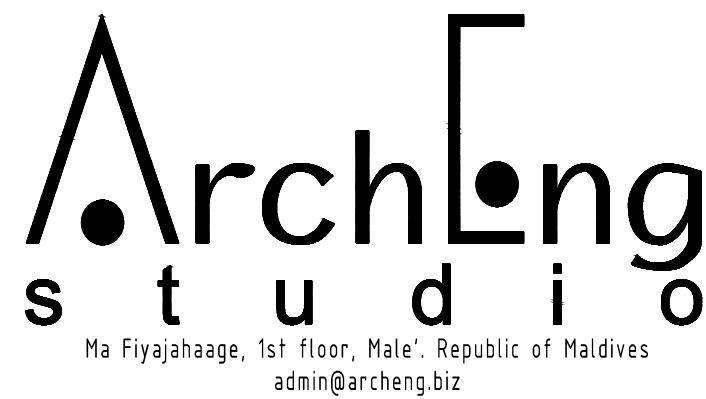
PROPOSED 10 CLASS ROOM BLOCK AT Lh.Naifaru (2 STOREY)

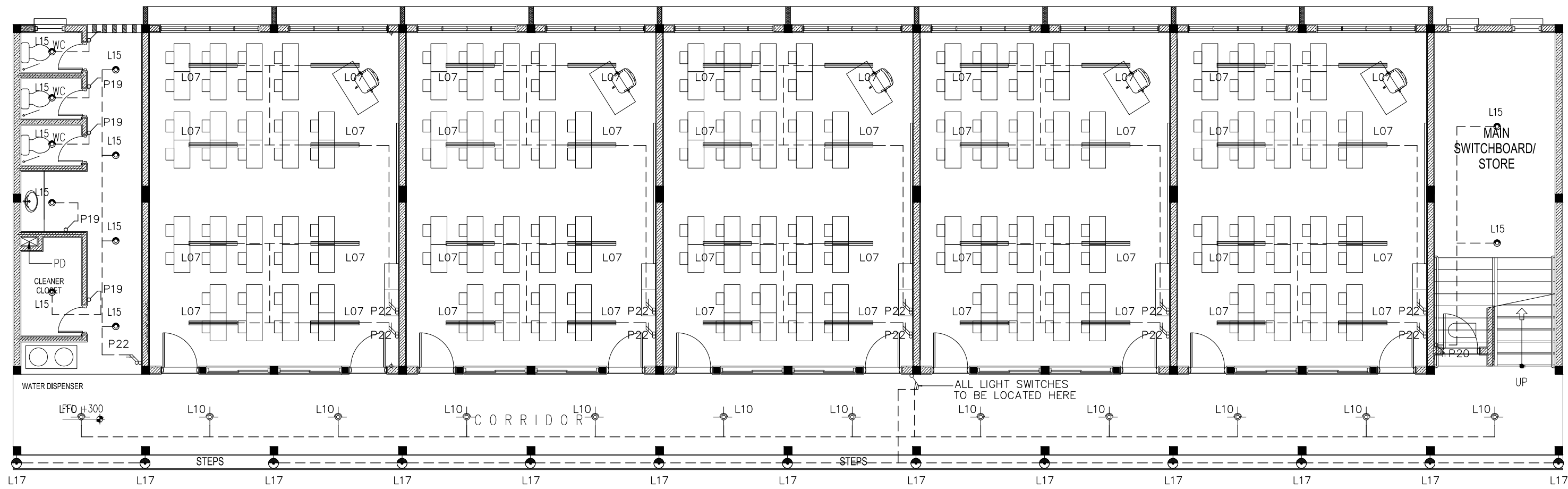
ELECTRICAL DRAWINGS

JULY 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY





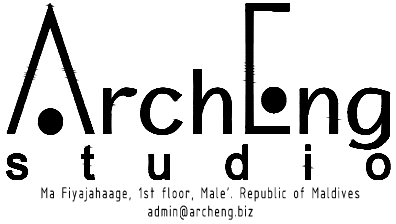
LEGEND

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

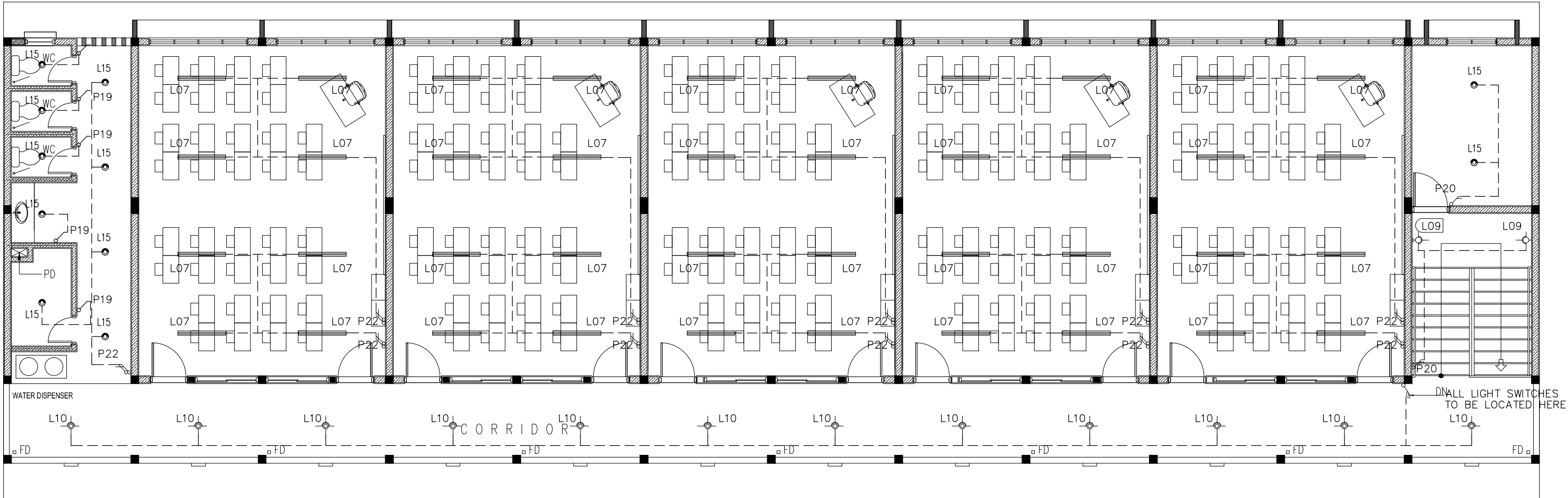
	P19	1GANG 1 WAY SWITCH
	P20	2GANG 1 WAY SWITCH
	P21	3GANG 1 WAY SWITCH
	P22	4GANG 1 WAY SWITCH

GROUND FLOOR LIGHTING LAYOUT PLAN
SCALE 1:100

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



REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:			PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LHJNAIFARU			<div>E-01</div>			
	ENGINEER:	MOHAMED AHSAN	LOCATION:									
	SERVICES ENG:		DRAWING TITLE:			AS GIVEN						
	ESTIMATOR:		CLIENT:			MINISTRY OF EDUCATION						
		DRAWN BY:	SHAMHAD SAEED	SCALE:		AS GIVEN	DIMENSION:		MM	DATE:	JULY 2015	DWG NO
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN/DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED												PROJECT NO.: 15-041



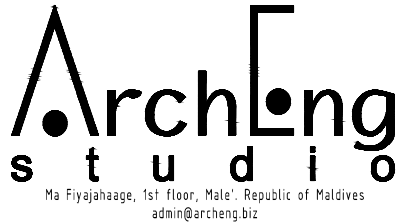
LEGEND

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

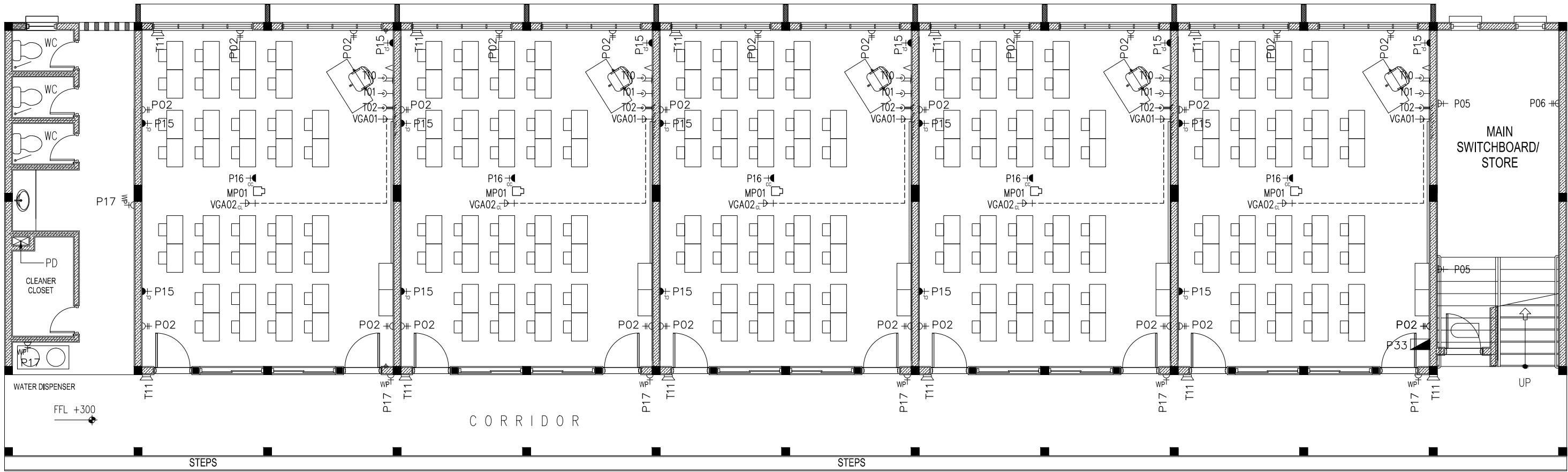
1ST FLOOR LIGHTING LAYOUT PLAN
SCALE 1:100

CONTRACTORS MUST
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DRAWINGS FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT L.H.NAIFARU	E-02
	ENGINEER: MOHAMED AHSAN	LOCATION:	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN	
		DIMENSION: MM	DWG NO
		DATE: JULY 2015	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

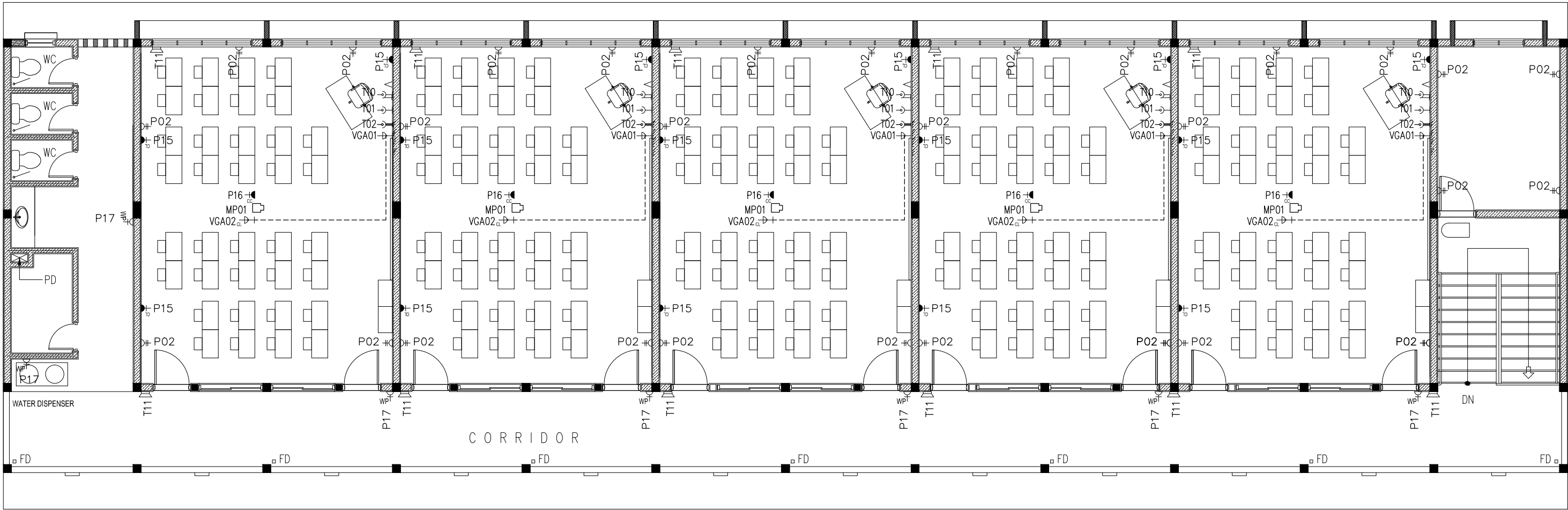
	VGA02	VGA CABLE AT CEILING LEVEL
	T01	PLAIN TELEPHONE OUTLET
	T02	COMPUTER NETWORK OUTLET
	MP01	MULTIMEDIA PROJECTOR
	T10	T.V POINT
	T11	SPEAKER

GROUND FLOOR POWER SOCKET LAYOUT PLAN
SCALE 1:100

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DRAWINGS FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU	E-03
	ENGINEER: MOHAMED AHSAN	LOCATION:	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN	
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT.LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED		DIMENSION: MM	DATE: JULY 2015
		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

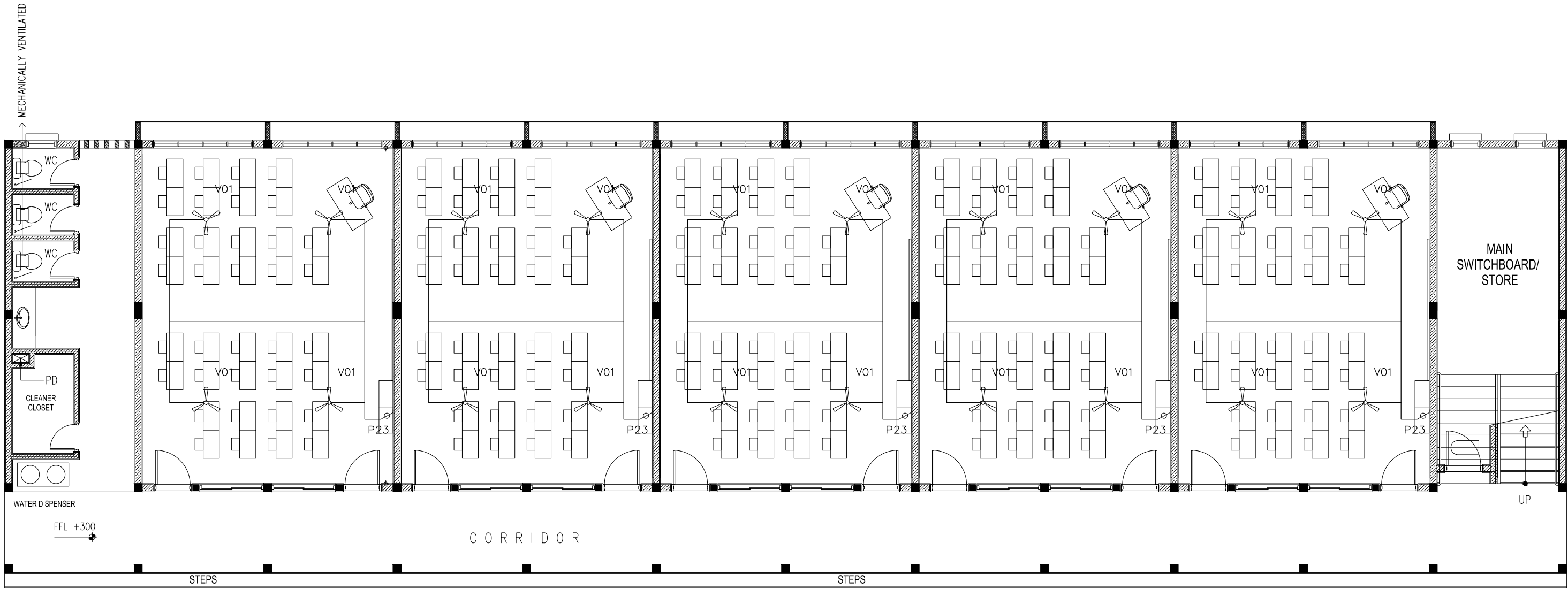
1ST FLOOR POWER SOCKET LAYOUT PLAN

SCALE 1:100

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

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

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAFARU	E-04	
	ENGINEER: MOHAMED AHSAN	LOCATION:		
	SERVICES ENG:	DRAWING TITLE: AS GIVEN		
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION		
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN		
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT.LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN, DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED		DIMENSION: MM	DATE: JULY 2015	DWG NO
				PROJECT NO.: 15-041



LEGEND

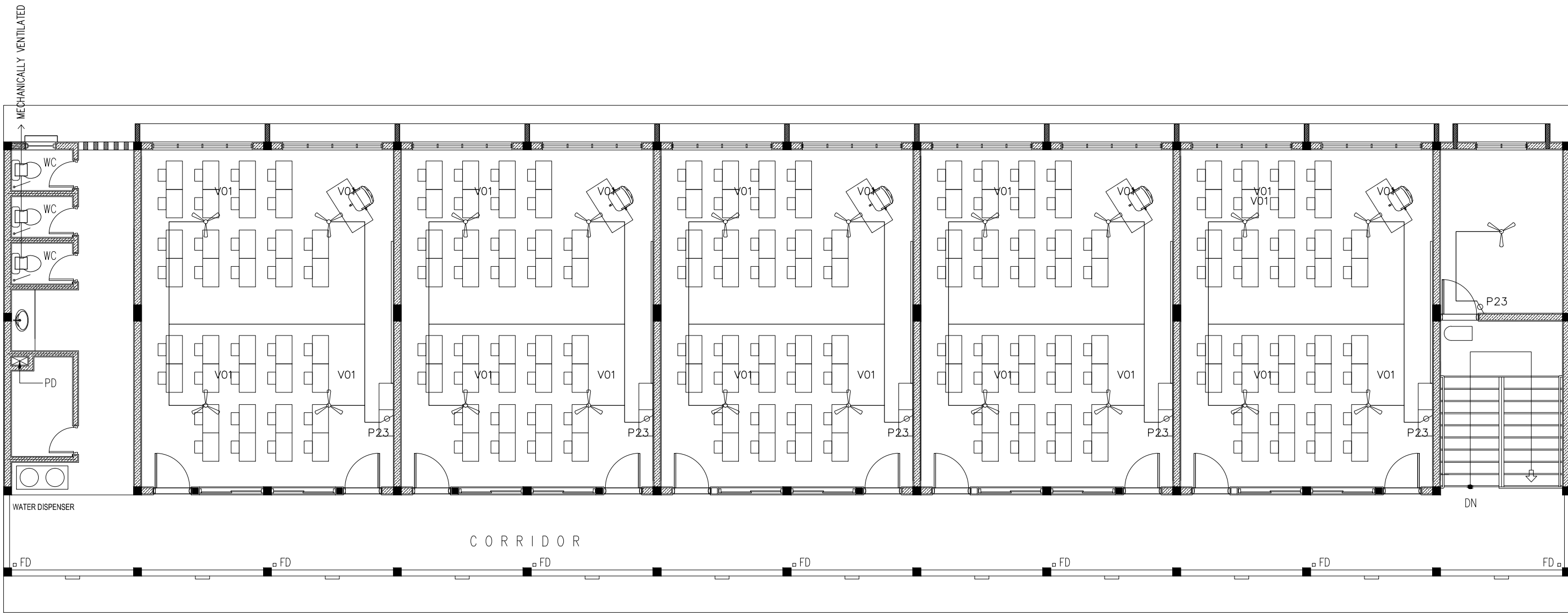
	P23	FAN / LIGHT DIMMER SWITCH
	V01b	DIA. 1200 CEILING FAN

GROUND FLOOR FAN LAYOUT PLAN
SCALE 1:100

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



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU	E-05
	ENGINEER: MOHAMED AHSAN	LOCATION:	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN	
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED			DWG NO
			PROJECT NO.: 15-041



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

1ST FLOOR FAN LAYOUT PLAN
SCALE 1:100

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

PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NANFARU		
LOCATION:			
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	JULY 2015

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

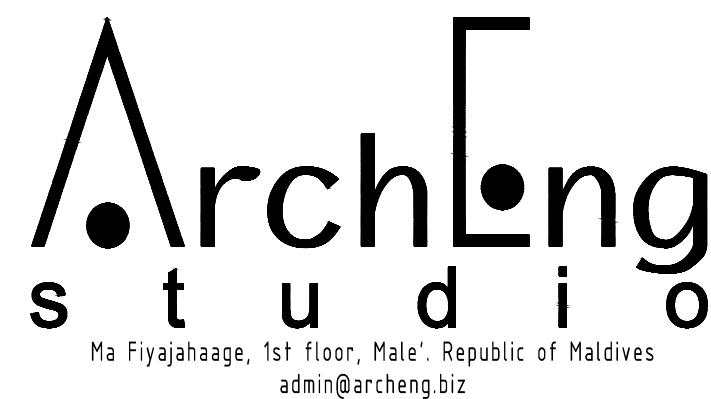
PROPOSED 10 CLASS ROOM BLOCK AT Lh.Naifaru (2 STOREY)

PLUMBING DRAWINGS

JULY 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY



WC

WC

WC

PD
CLEANER CLOSET

WATER DISPENSER

FFL +300

CORRIDOR

STEPS

STEPS

MAIN SWITCHBOARD/STORE

UP

GROUND FLOOR PLUMBING KEY PLAN

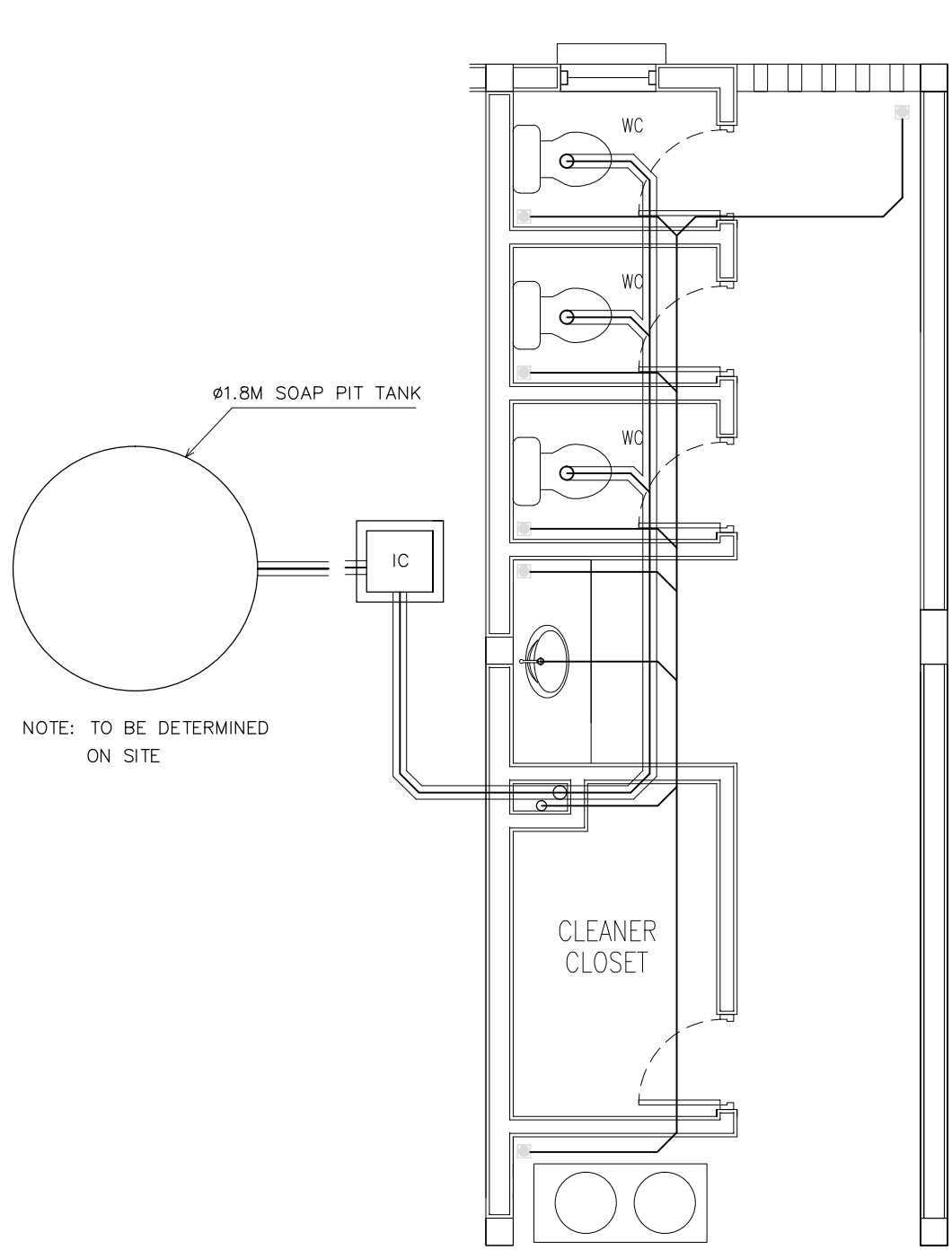
SCALE 1:100

1ST FLOOR PLUMBING KEY PLAN

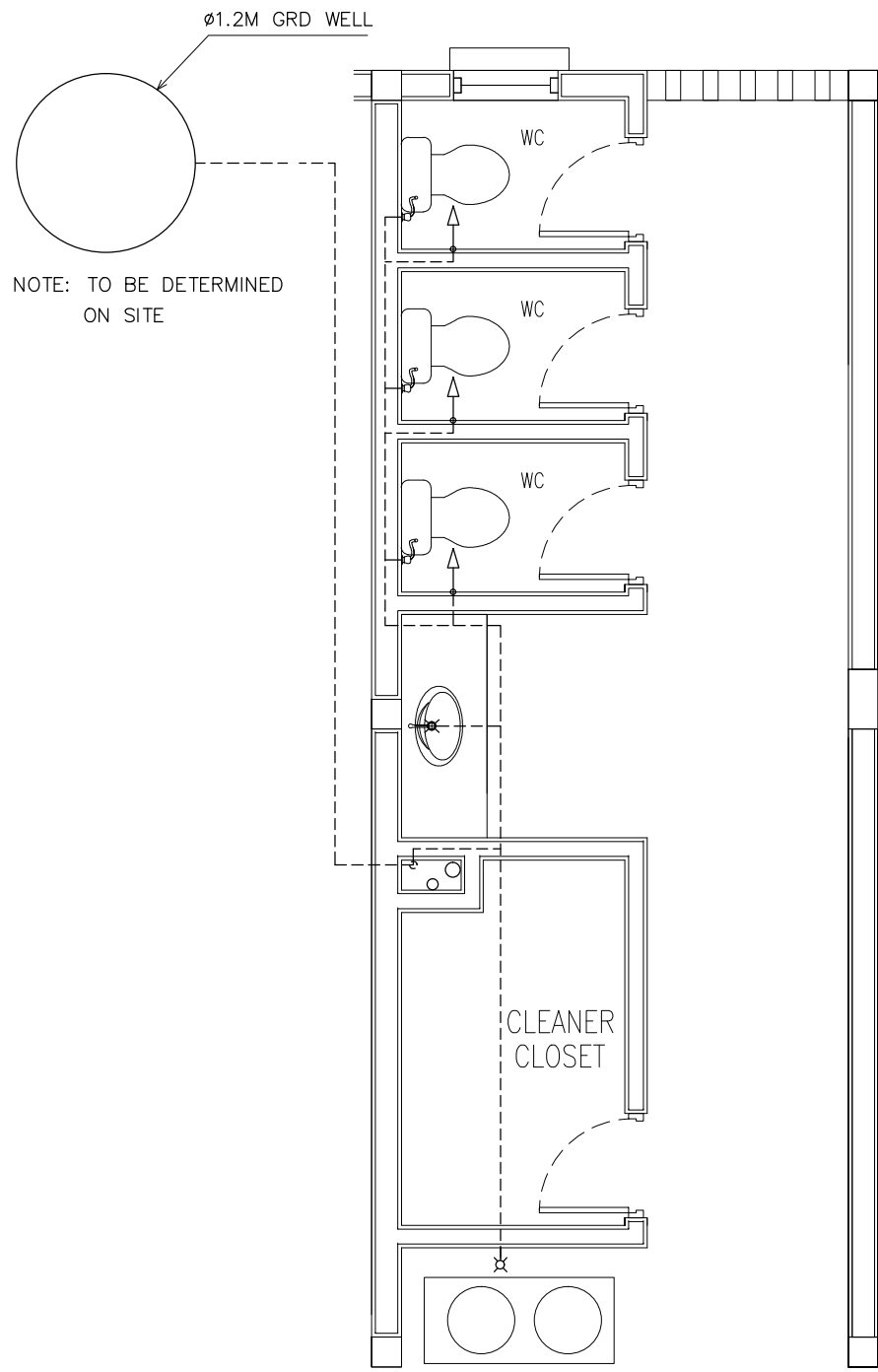
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P-01
DWG NO
PROJECT NO.: 15-041

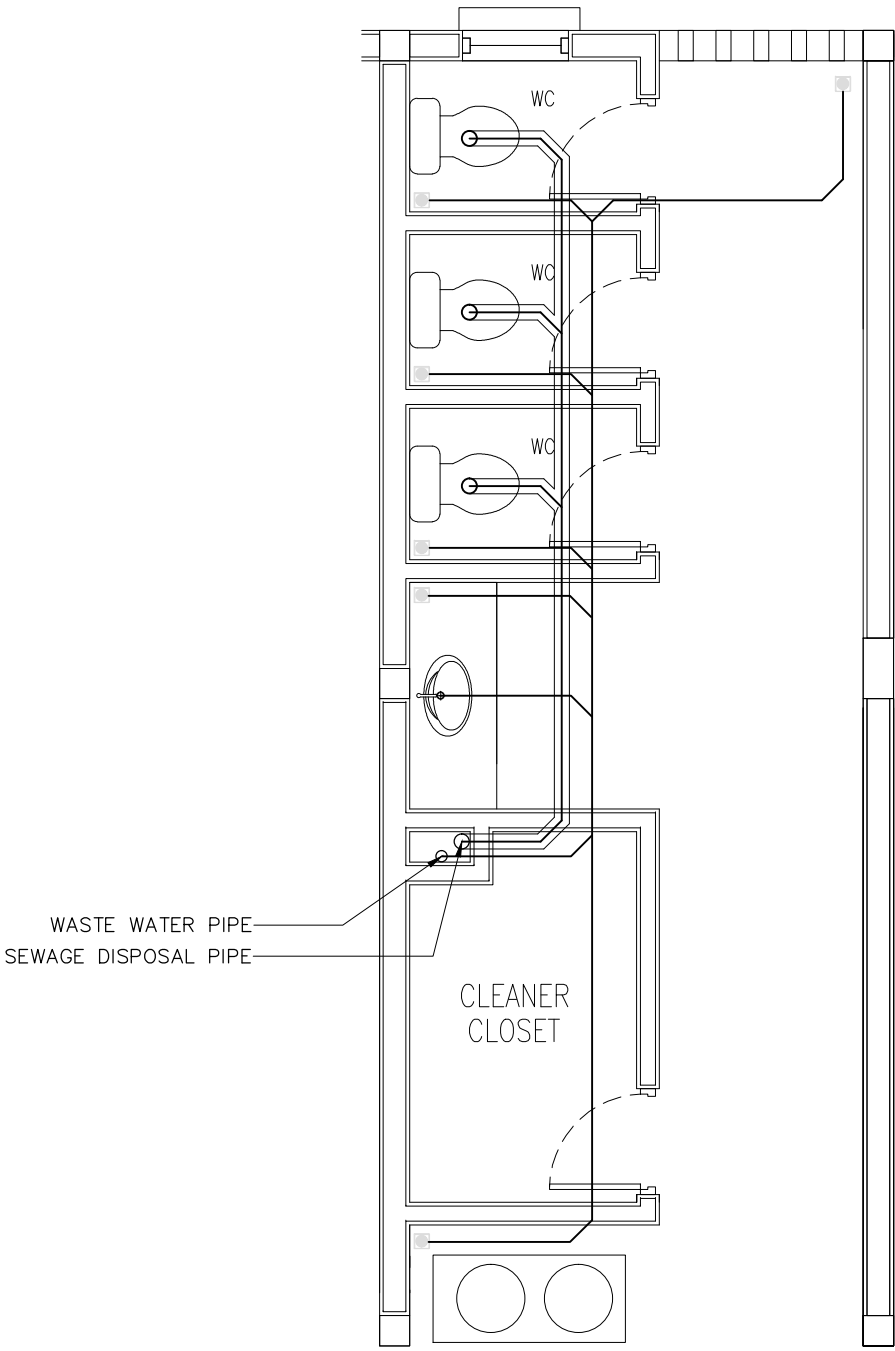
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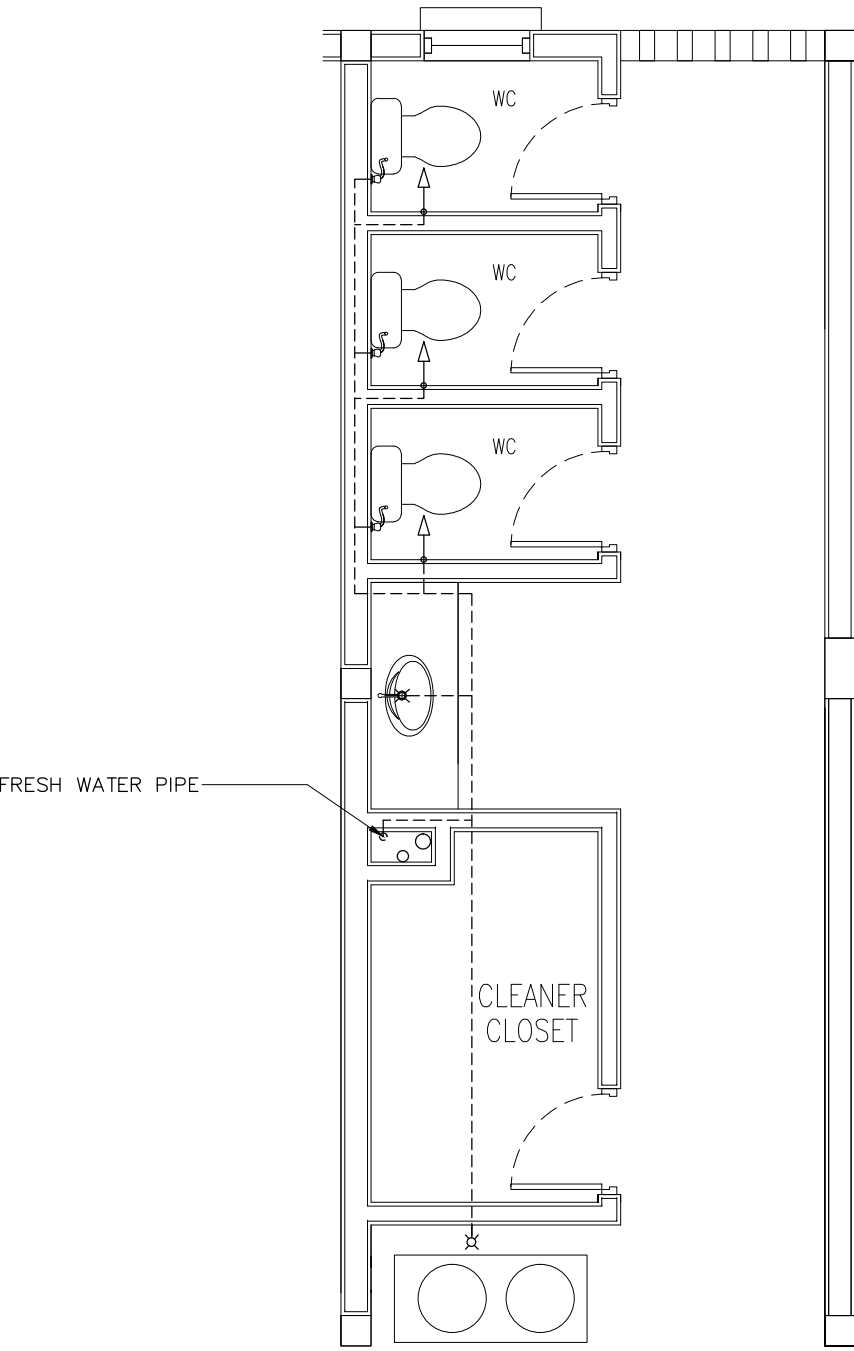
SEWAGE AND WASTE DISPOSAL
PLAN (TOILET TYPE 1)
SCALE 1:50



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



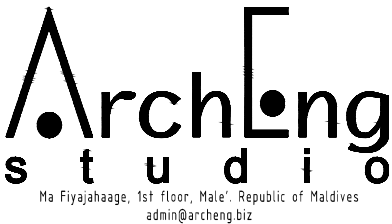
SEWAGE AND WASTE DISPOSAL
PLAN (TOILET TYPE 2)
SCALE 1:50



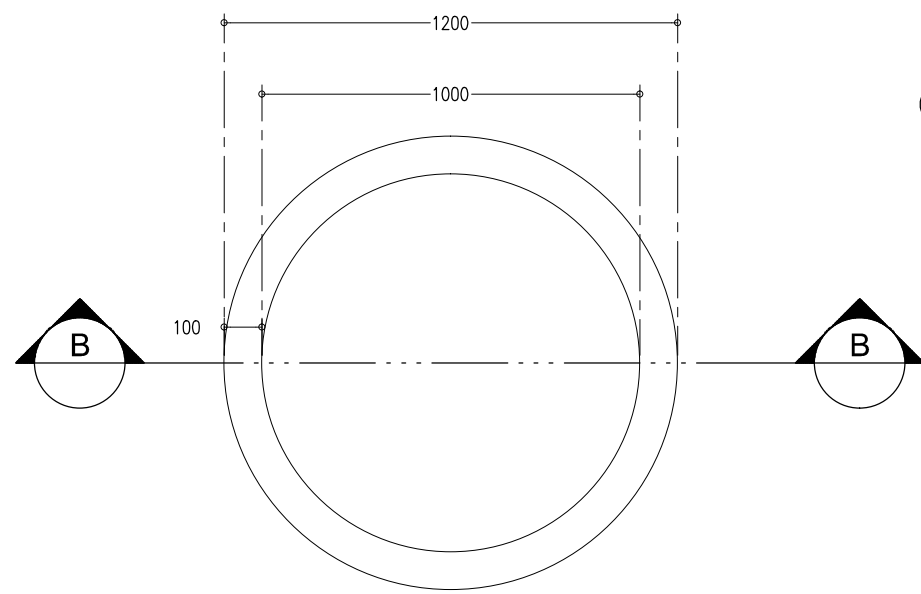
FRESH WATER SUPPLY PLAN
(TOILET TYPE 2)
SCALE 1:50

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

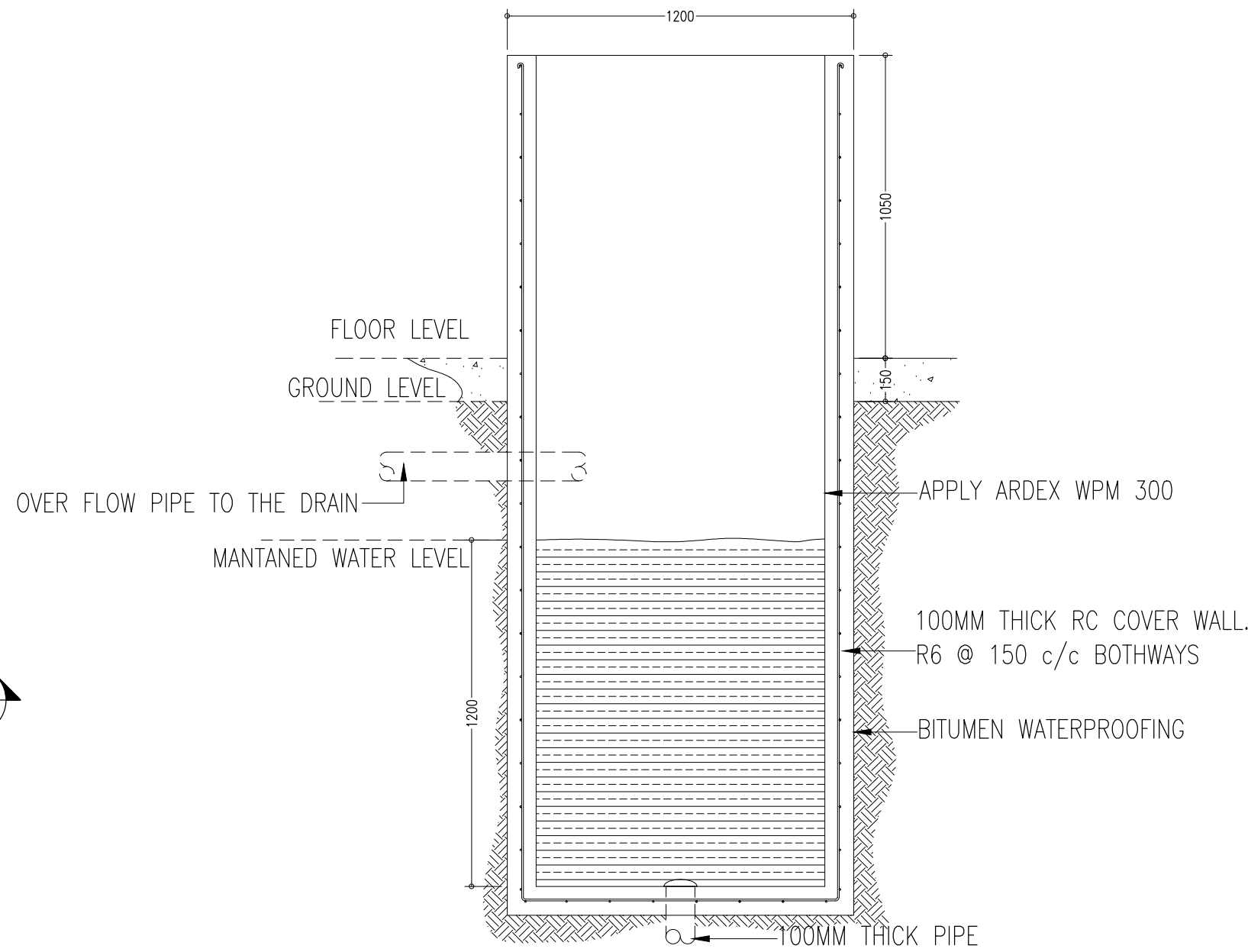
CONTRACTORS MUST
CHECK ALL
DIMENSIONS ON SITE
BEFORE STARTING
ANY WORK OR SHOP
DRAWINGS FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



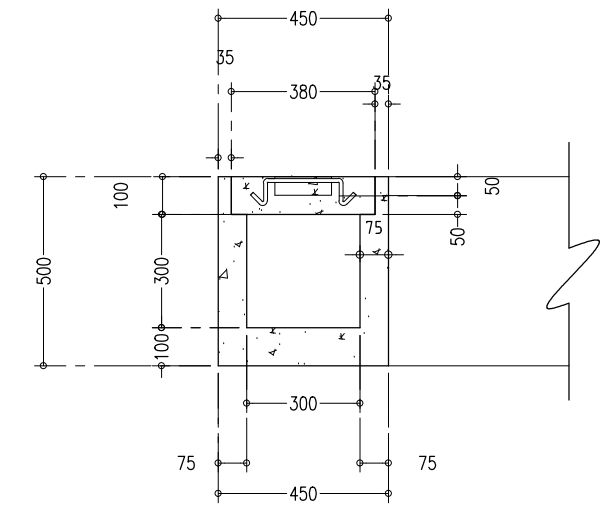
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU	<div>P-02</div>		
	ENGINEER: MOHAMED AHSAN	LOCATION:			
	SERVICES ENG:	DRAWING TITLE: AS GIVEN			
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION			
	DRAWN BY: SHAMHAD SAEED	SCALE: AS GIVEN			
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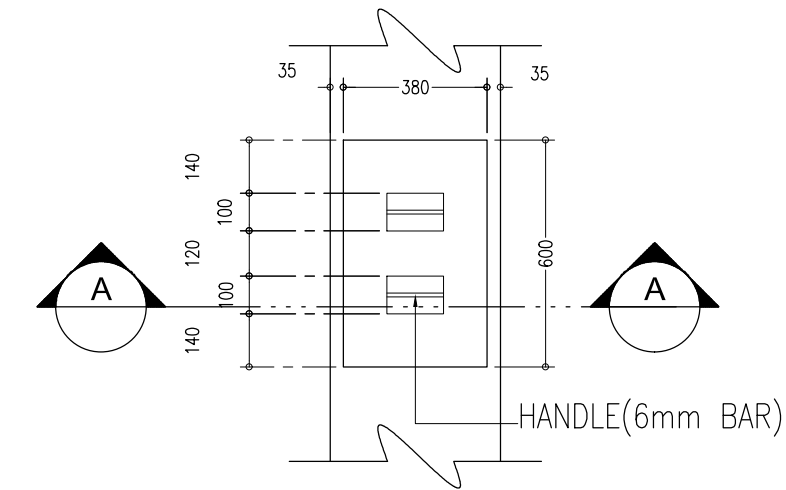
DETAIL B/ PLAN VIEW OF WELL
SCALE 1 : 20



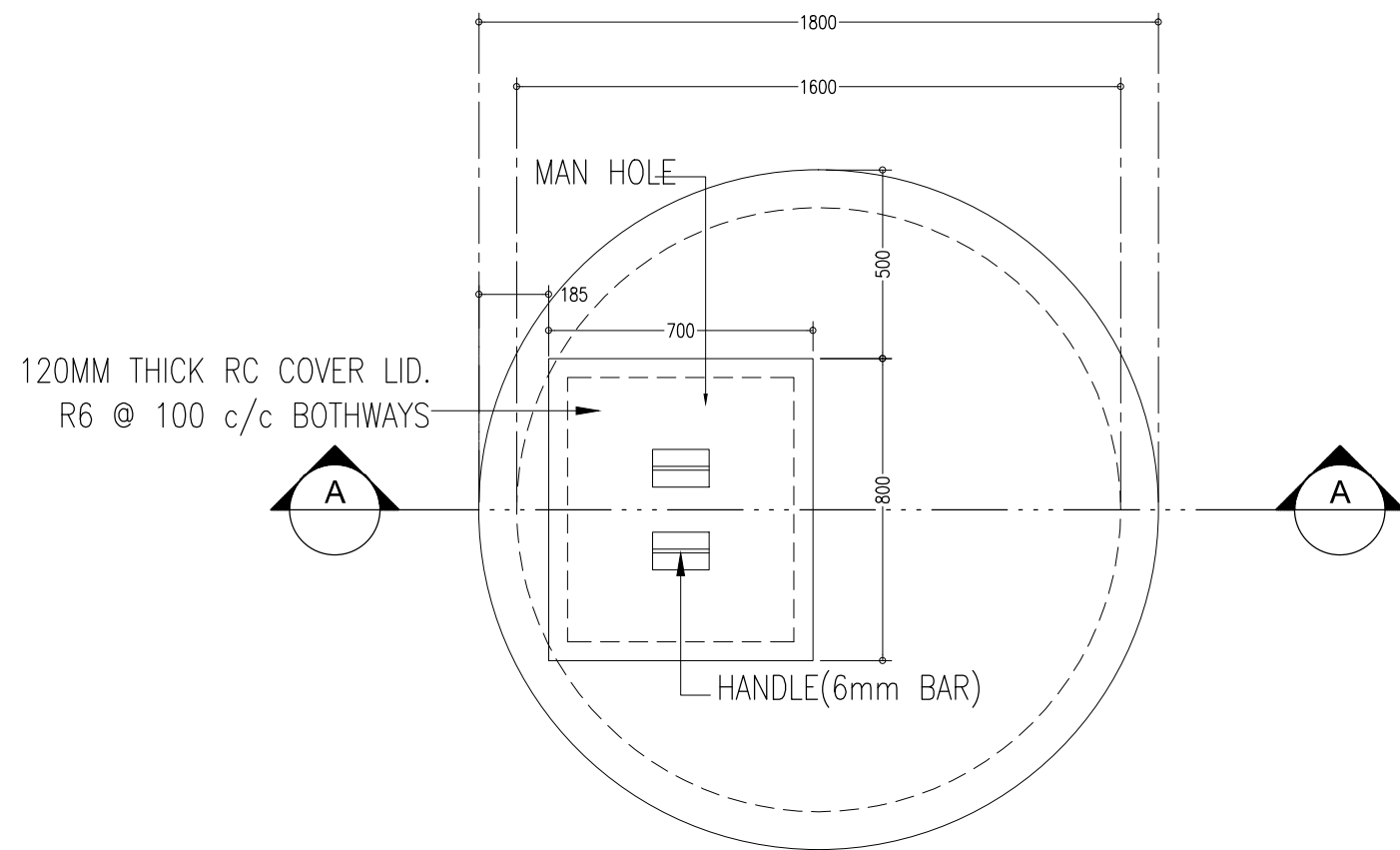
DETAIL B/ SECTION A-A OF WELL
SCALE 1 : 20



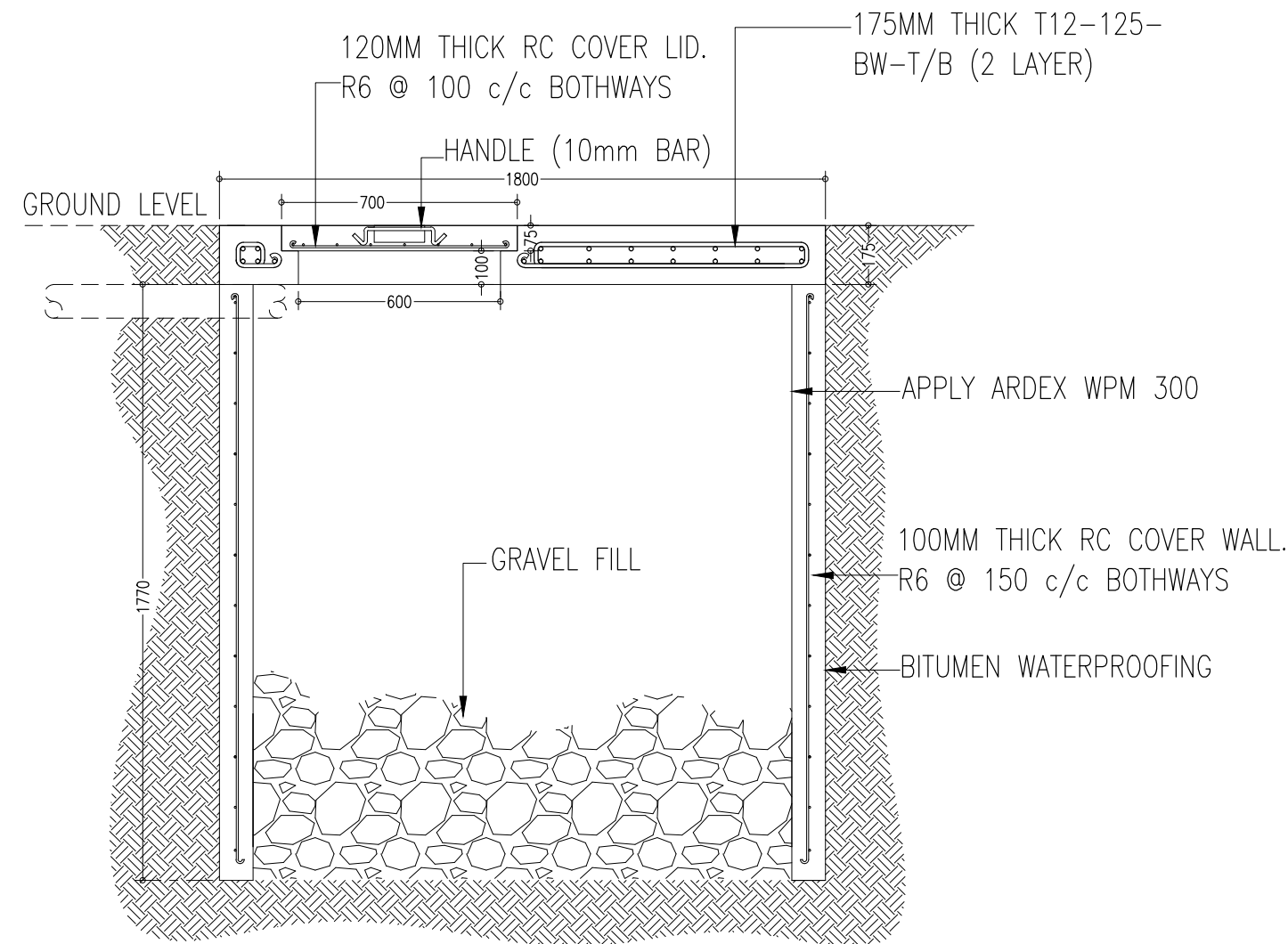
DETAIL A/ SECTION A-A
SCALE 1 : 20



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



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



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

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DRAWINGS. FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

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

REVISION:

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

PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU
LOCATION:
DRAWING TITLE: AS GIVEN
CLIENT: MINISTRY OF EDUCATION
SCALE: AS GIVEN DIMENSION: MM DATE: JULY 2015

P-03

DWG NO
PROJECT NO.: 15-041

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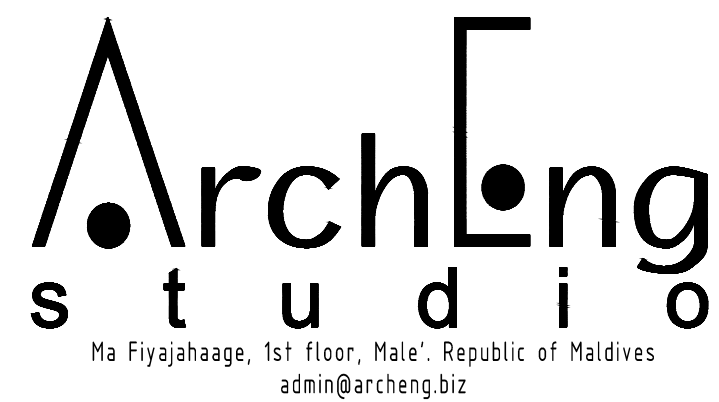
PROPOSED 10 CLASS ROOM BLOCK AT Lh.Naifaru (2 STOREY)

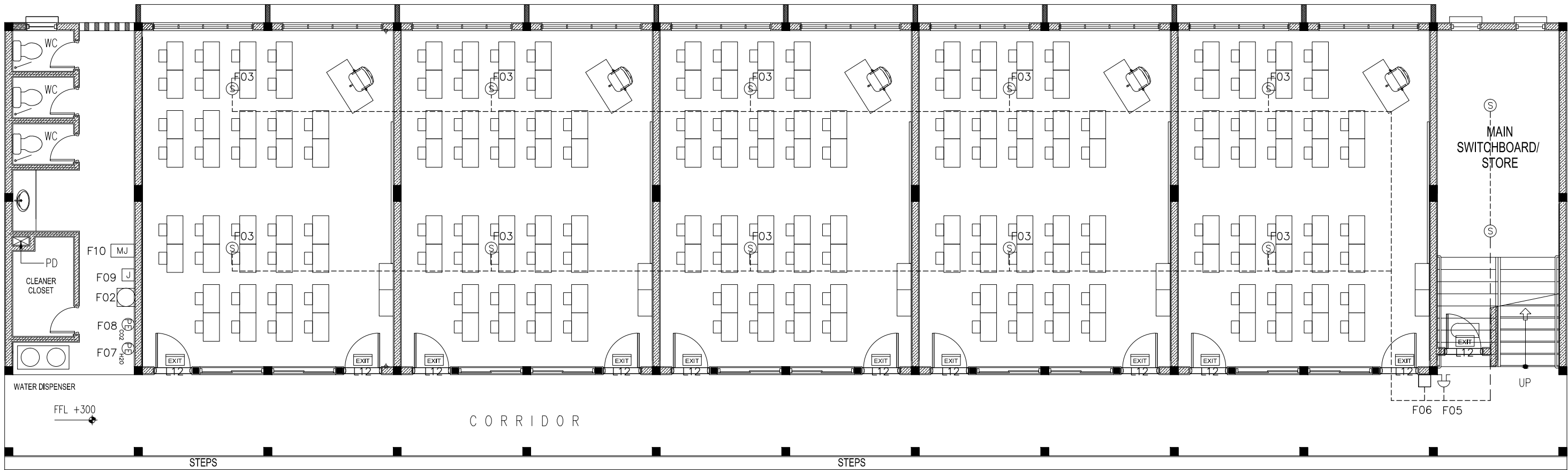
FIRE SAFETY DRAWINGS

JULY 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY





LEGEND

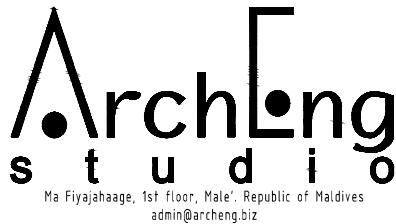
SYMBOL	CODE	DESCRIPTION
	F00	FIRE BLANKET
	F02	BREAK GLASS MANUAL CALL POINT
	F03	SMOKE DETECTOR
	F05	FIRE ALARM BELL
	F07	PORTABLE EXTINGUISHER (H2O)
	F08	PORTABLE EXTINGUISHER (CO2)
	F09	JUNCTION BOX
	F10	CONVENTIONAL FIRE ALARM PANEL
	L12	EXIT SIGN

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

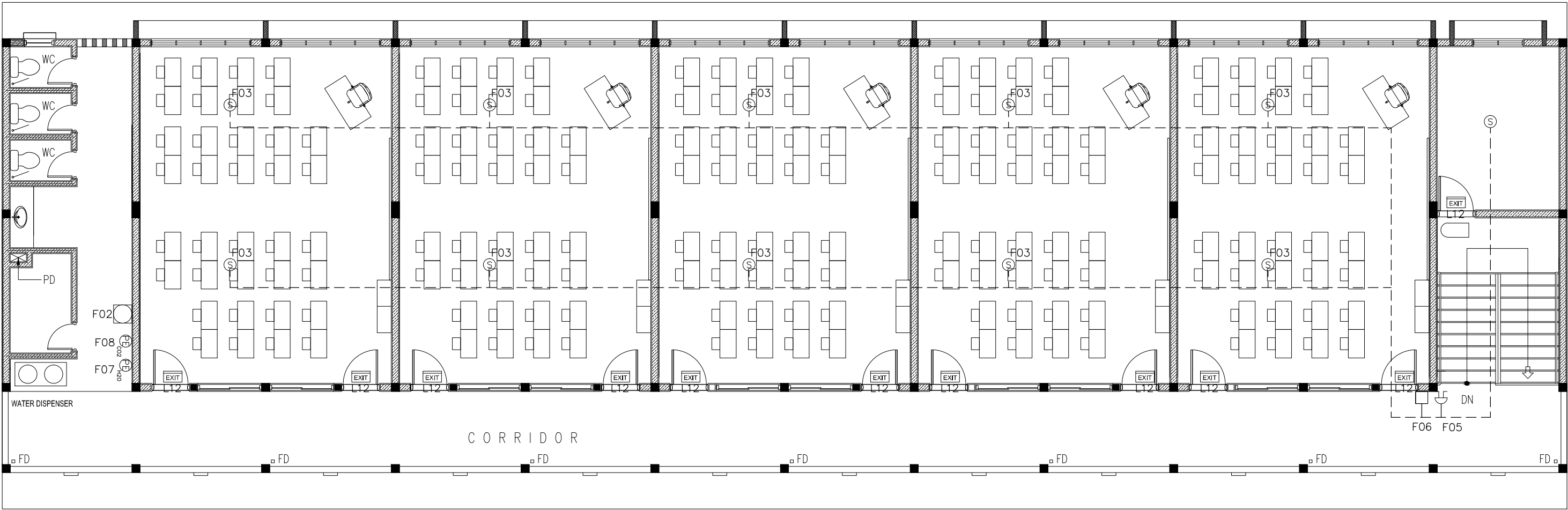
GROUND FLOOR FIRE SAFETY LAYOUT PLAN

SCALE 1:100

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DRAWINGS FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU			F-01
	ENGINEER: MOHAMED AHSAN	LOCATION:			
	SERVICES ENG:	DRAWING TITLE: AS GIVEN			
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION			
	DRAWN BY: SHAMHAD SAEED	DWG NO			
		SCALE: AS GIVEN	DIMENSION: MM	DATE: JULY 2015	PROJECT NO.: 15-041



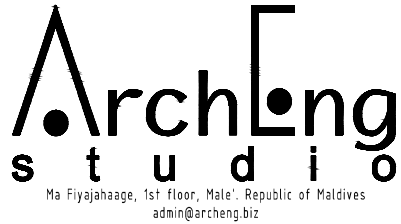
LEGEND

SYMBOL	CODE	DESCRIPTION
	F00	FIRE BLANKET
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	L12	EXIT SIGN

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

1ST FLOOR FIRE SAFETY LAYOUT PLAN
SCALE 1:100

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PRECEDENCE OVER
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REVISION:	ARCHITECT:	MOHAMED HAMEEN		PROJECT:	PROPOSED 10 CLASSROOM BLOCK (2 STOREY) AT LH.NAIFARU		F-02	
	ENGINEER:	MOHAMED AHSAN		LOCATION:				
	SERVICES ENG:			DRAWING TITLE:	AS GIVEN			
	ESTIMATOR:			CLIENT:	MINISTRY OF EDUCATION			
	DRAWN BY:	SHAMHAD SAEED		SCALE: AS GIVEN	DIMENSION: MM	DATE: JULY 2015	DWG NO	
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