

PROPOSED 12 CLASS ROOM BLOCK

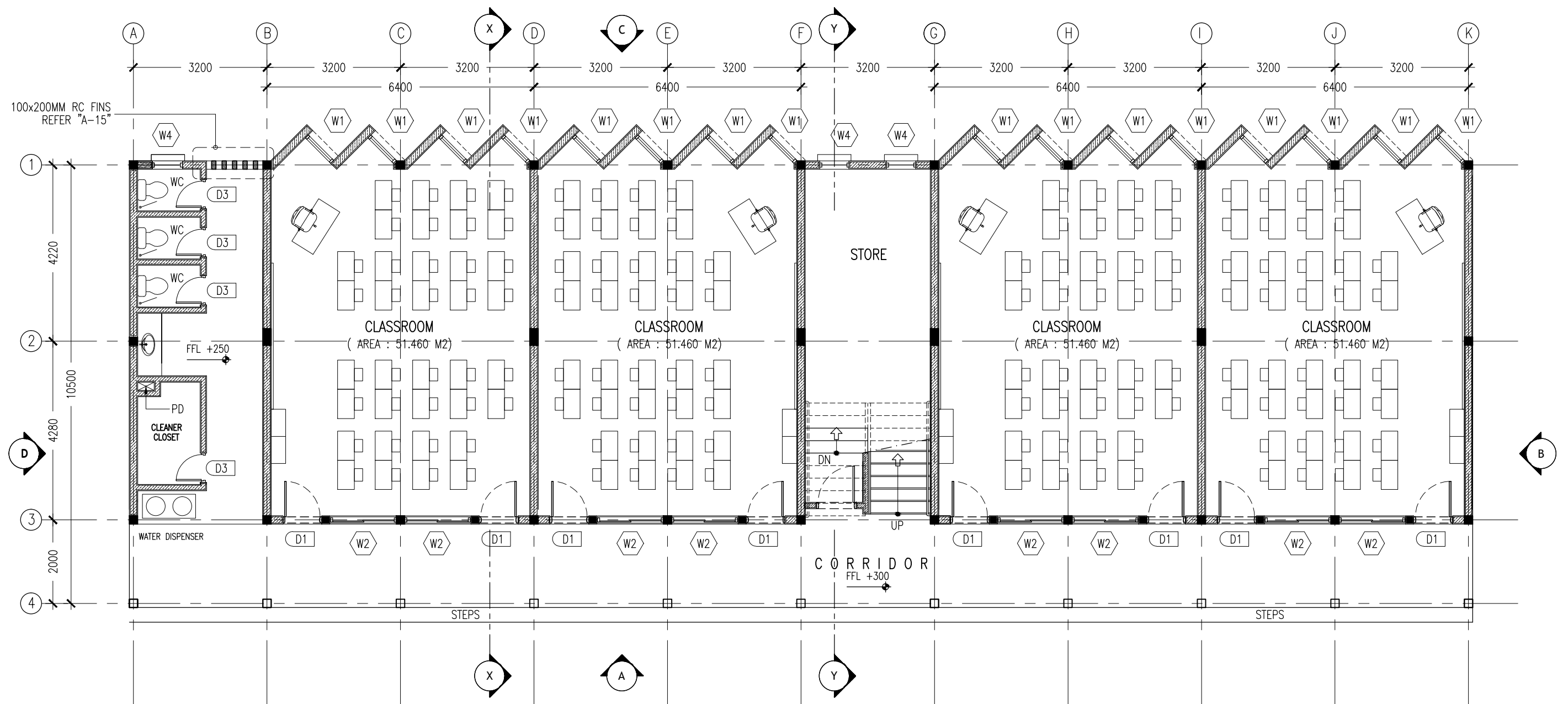
G.DH. ATOLL SCHOOL
ARCHITECTURAL AND STRUCTURAL DRAWINGS

FEBRUARY 2016

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

ArchEng
studio
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: SHAMHAD

PROJECT: 3 STOREY-12 CLASSROOM BLOCK

LOCATION: G.DH. ATOLL SCHOOL

DRAWING TITLE: AS GIVEN

CLIENT:

SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

A-01

DWG NO

PROJECT NO.: 15-041

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KEY /LEGEND NOTES

	BLOCK MASONRY WALL
	150MM THK RC WALL 850MM HIGH

1SND-2ND FLOOR LAYOUT PLAN

SCALE 1:100

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REVISION:

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ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
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LOCATION: G.DH. ATOLL SCHOOL
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A-02

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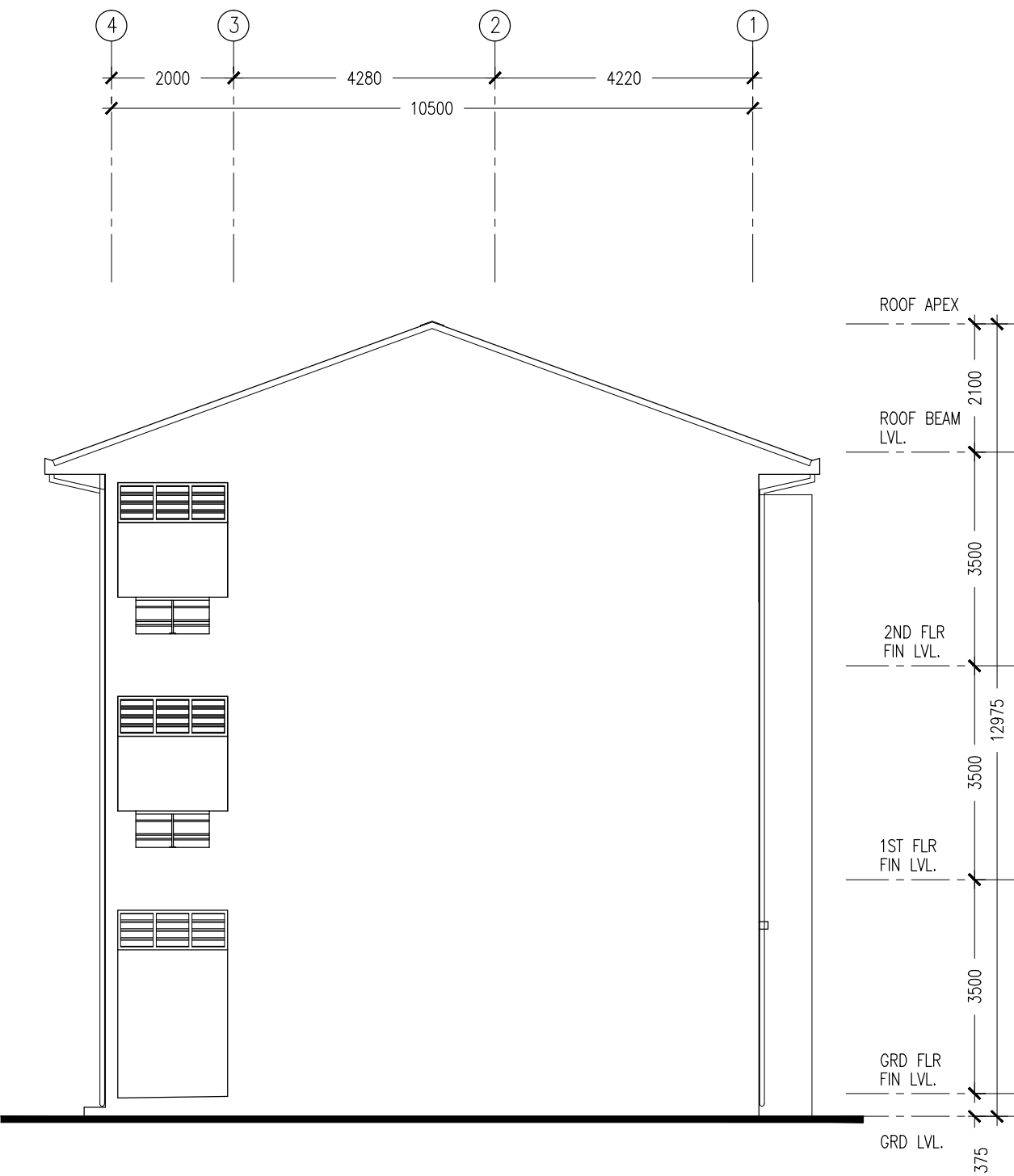


ELEVATION - A
SCALE 1:100

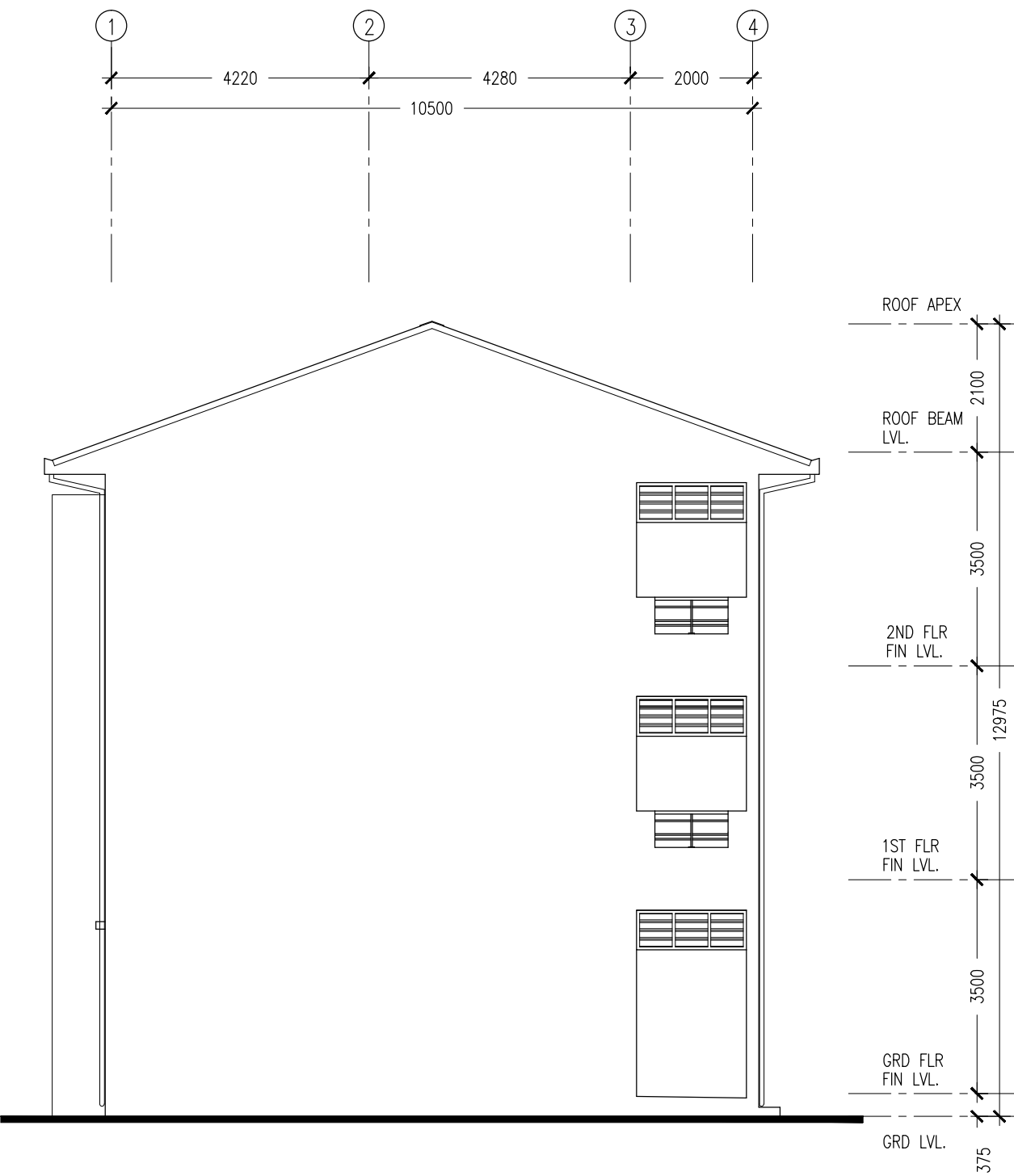
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: 3 STOREY-12 CLASSROOM BLOCK	A-03
	ENGINEER: MOHAMED AHSAN	LOCATION: G.DH. ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT:	
	DRAWN BY: SHAMHAD	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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ELEVATION - B
SCALE 1:100

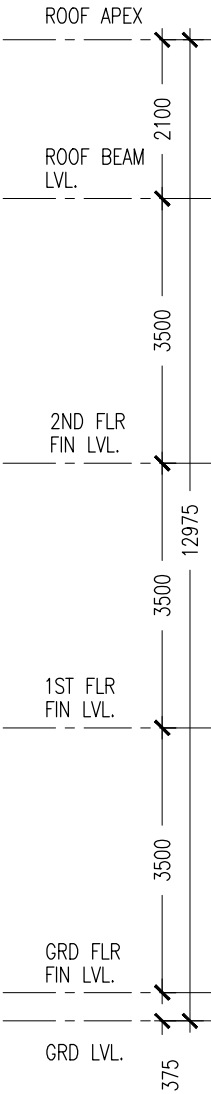
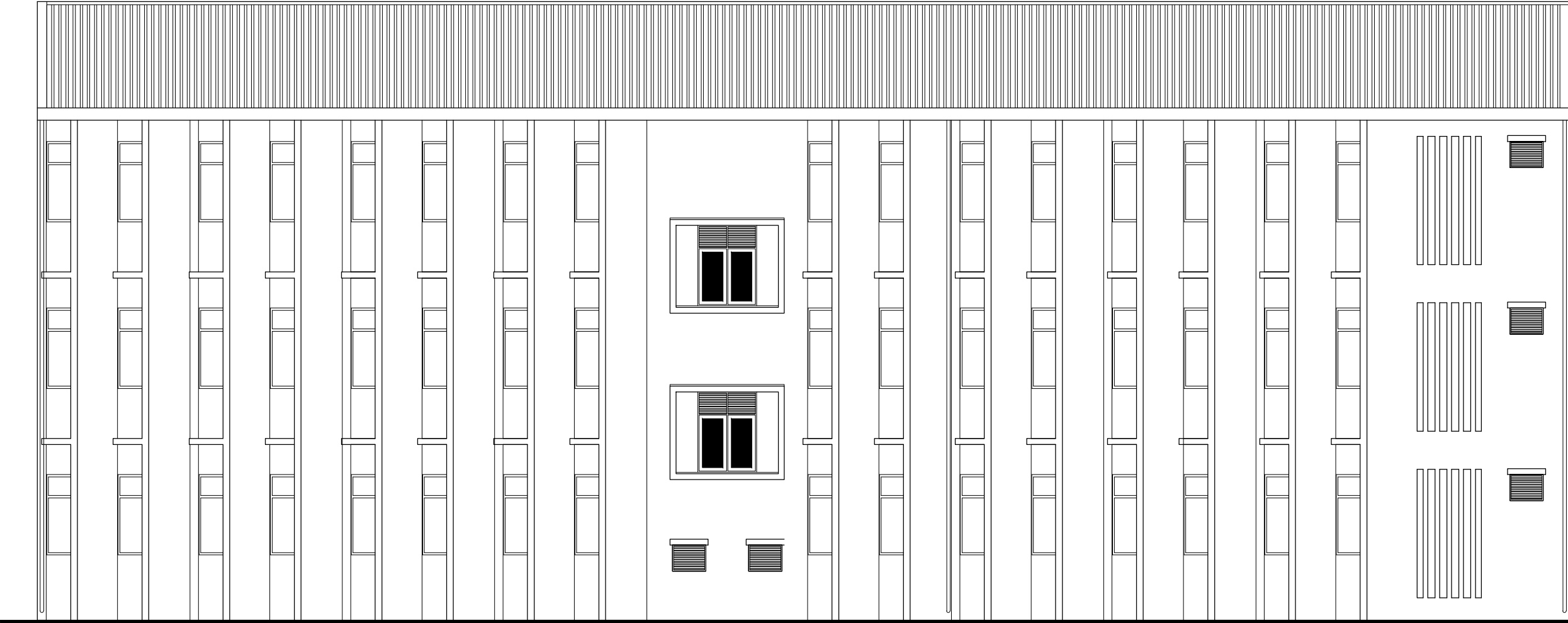
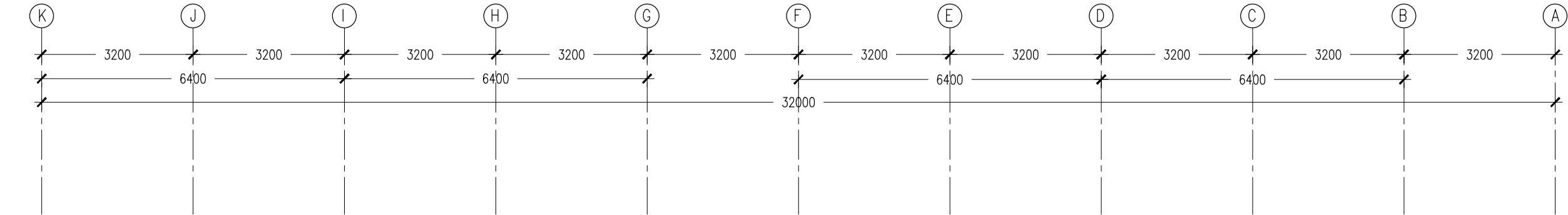


ELEVATION - B
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: 3 STOREY-12 CLASSROOM BLOCK	A-04
	ENGINEER: MOHAMED AHSAN	LOCATION: G.DH. ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT:	
	DRAWN BY: SHAMHAD	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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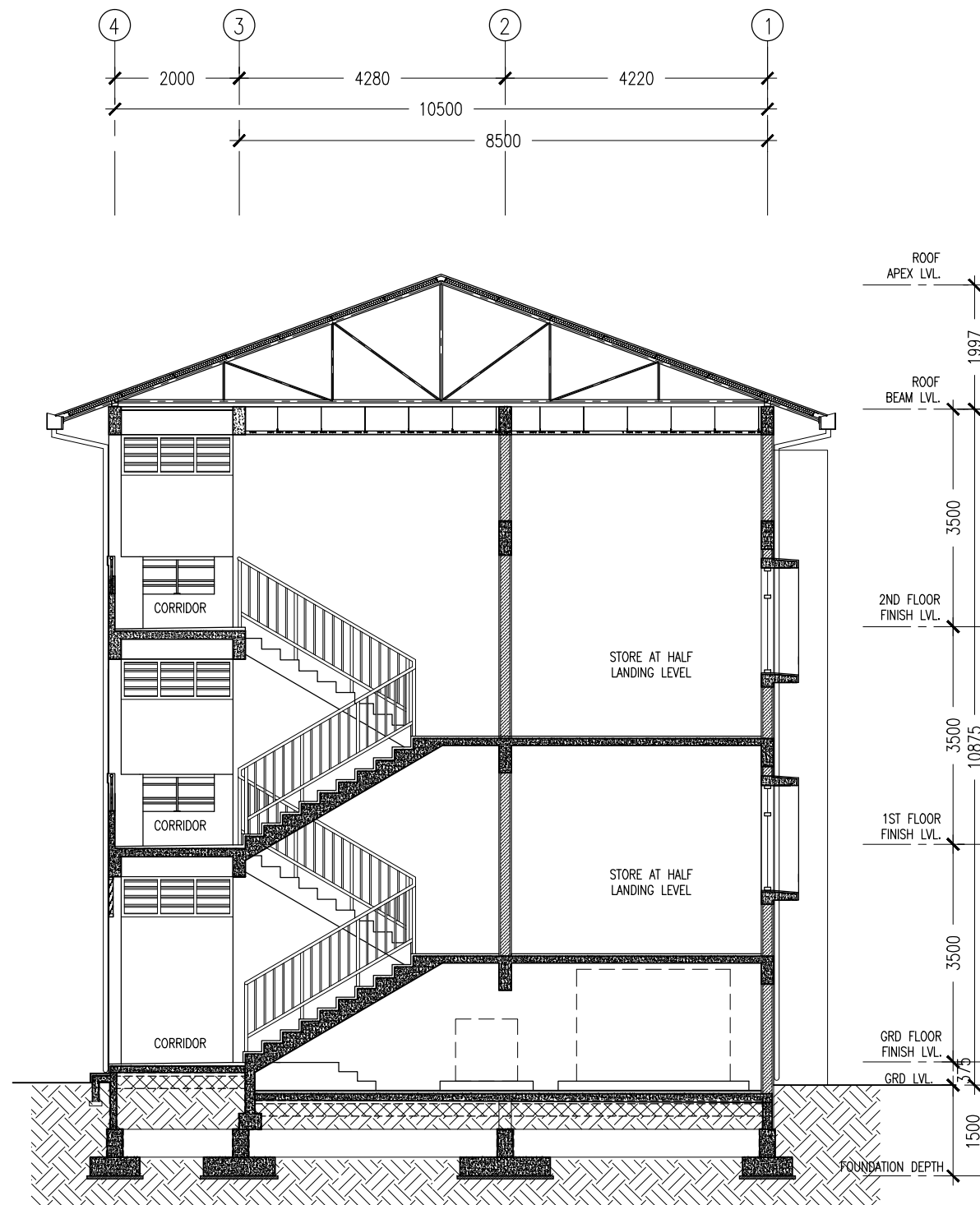


ELEVATION - C
SCALE 1:100

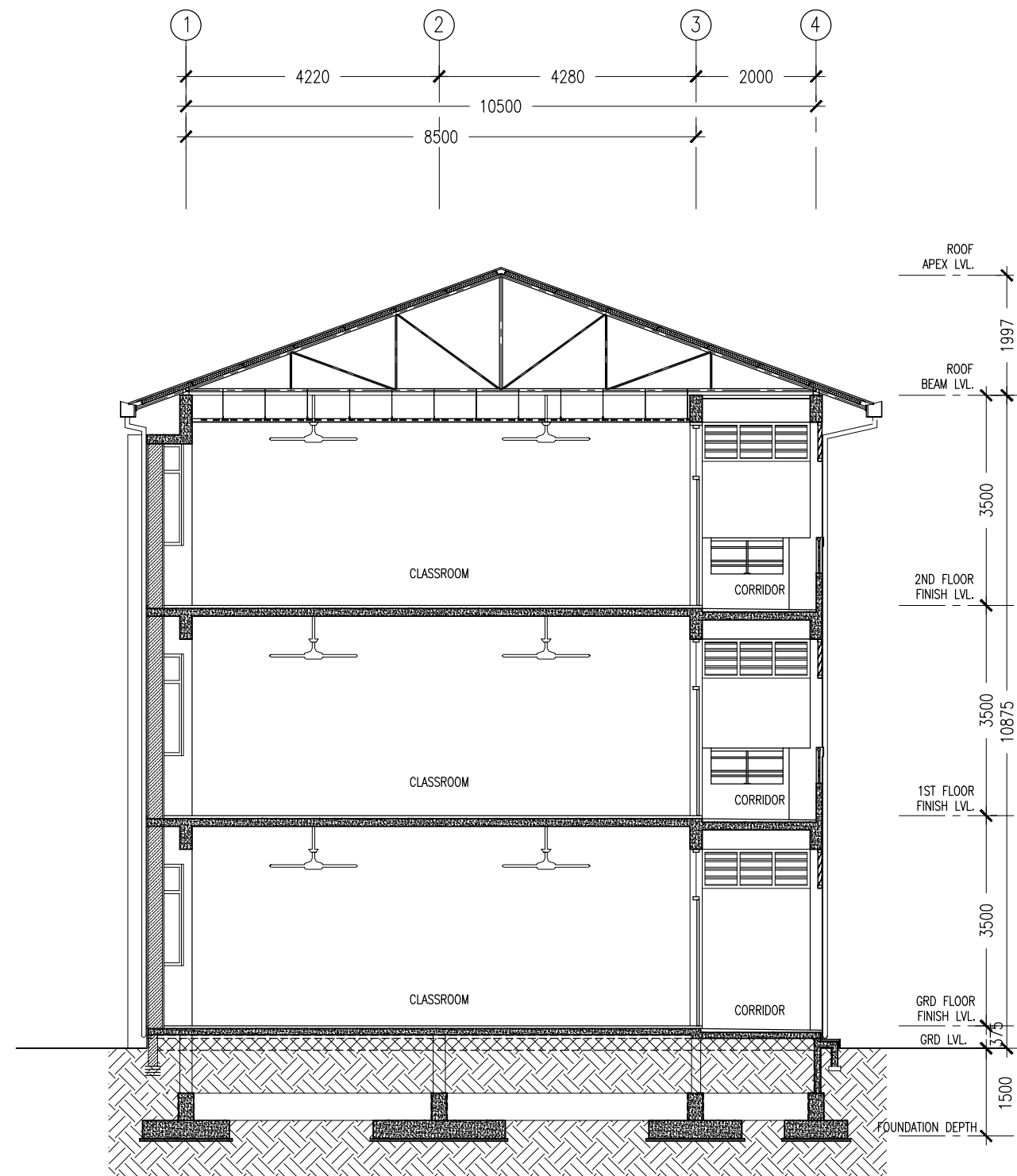
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REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:		3 STOREY-12 CLASSROOM BLOCK		A-05
	ENGINEER:	MOHAMED AHSAN	LOCATION:		G.DH. ATOLL SCHOOL		
	SERVICES ENG:		DRAWING TITLE:		AS GIVEN		
	ESTIMATOR:		CLIENT:				
	DRAWN BY:	SHAMHAD	SCALE:	AS GIVEN	DIMENSION:	MM	
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							PROJECT NO.: 15-041



SECTION X-X
SCALE 1:100



SECTION Y-Y
SCALE 1:100

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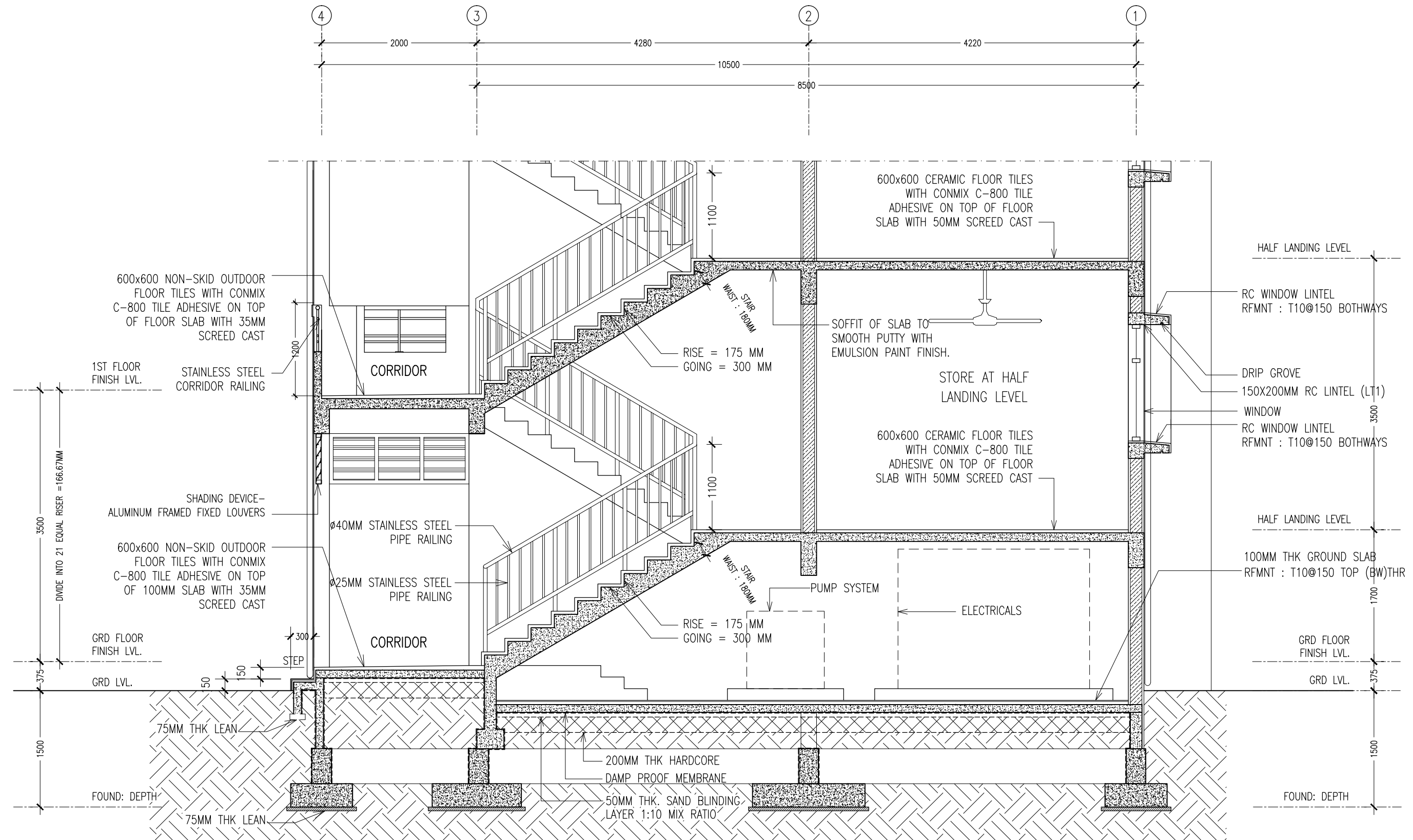
REVISION:

ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
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PROJECT: 3 STOREY-12 CLASSROOM BLOCK
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SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

A-06
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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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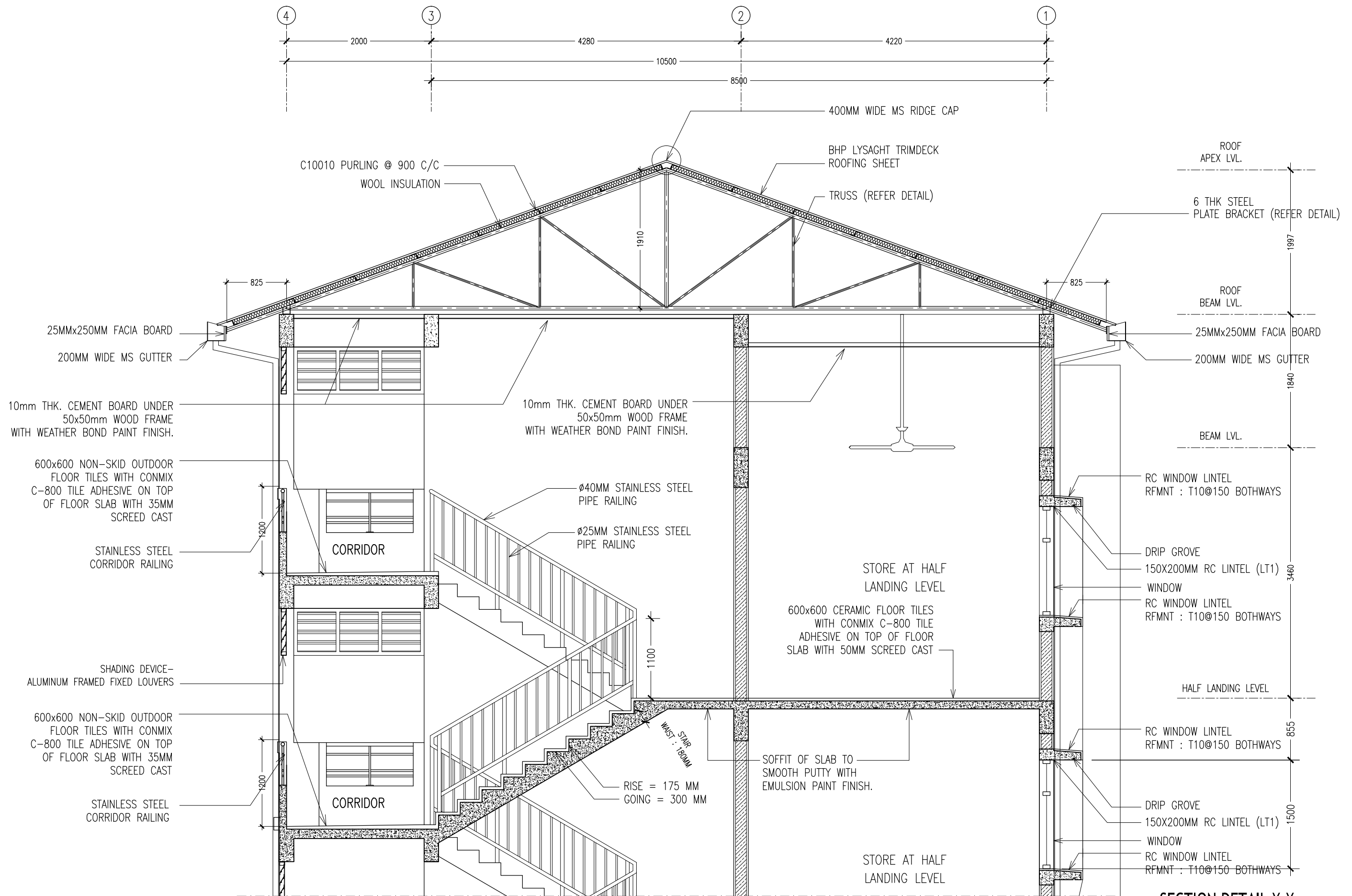
REVISION:

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

PROJECT: 3 STOREY-12 CLASSROOM BLOCK
LOCATION: G.D.H. ATOLL SCHOOL
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CLIENT:
SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

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

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SECTION DETAIL X-X
SCALE 1:50

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PROJECT: 3 STOREY-12 CLASSROOM BLOCK

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DRAWING TITLE: AS GIVEN

CLIENT:

SCALE: AS GIVEN

DIMENSION: MM

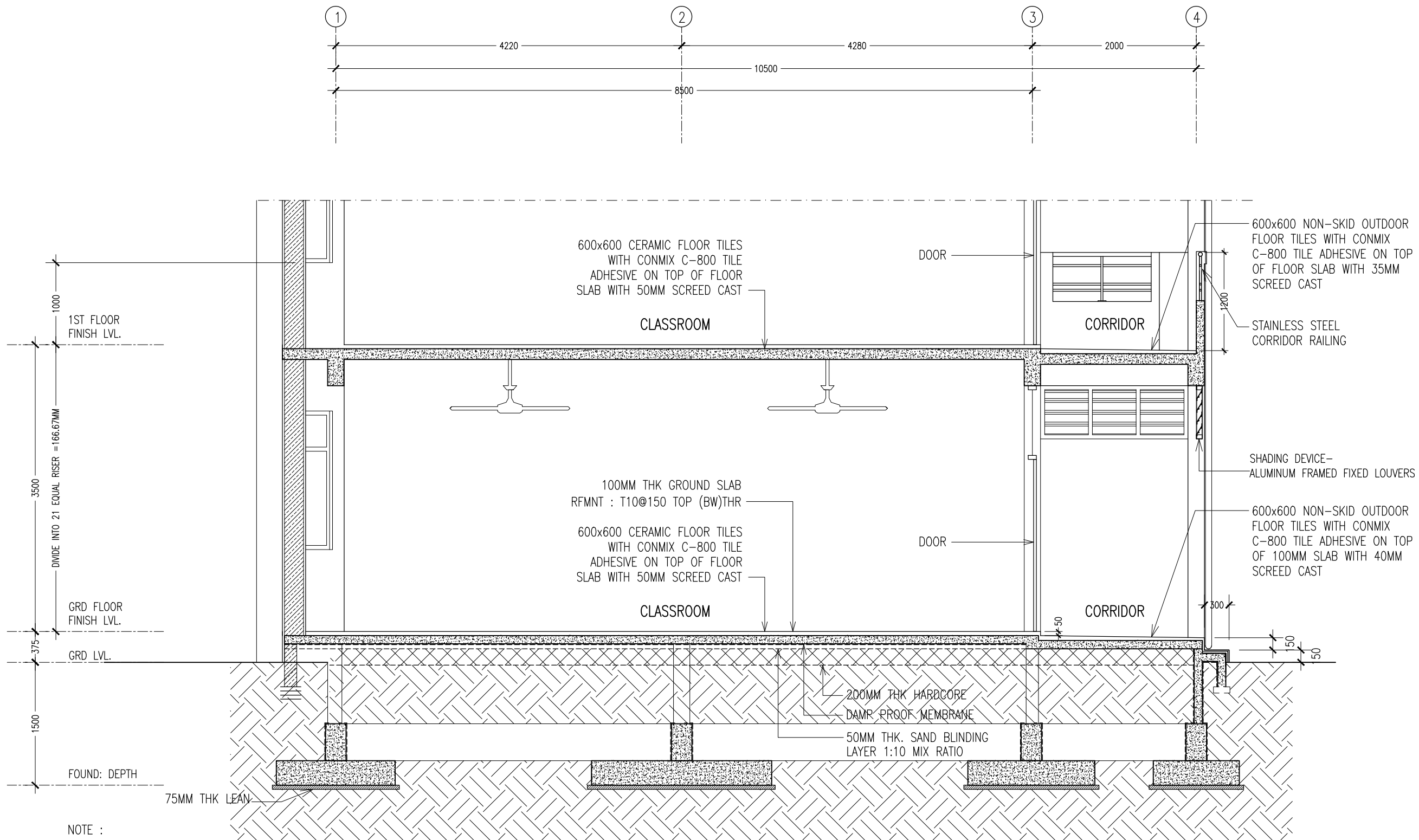
DATE: FEBRUARY 2016

A-08

DWG NO

PROJECT NO.: 15-041

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BEAMS, SLAB ...

SECTION DETAIL Y-Y
SCALE 1:50

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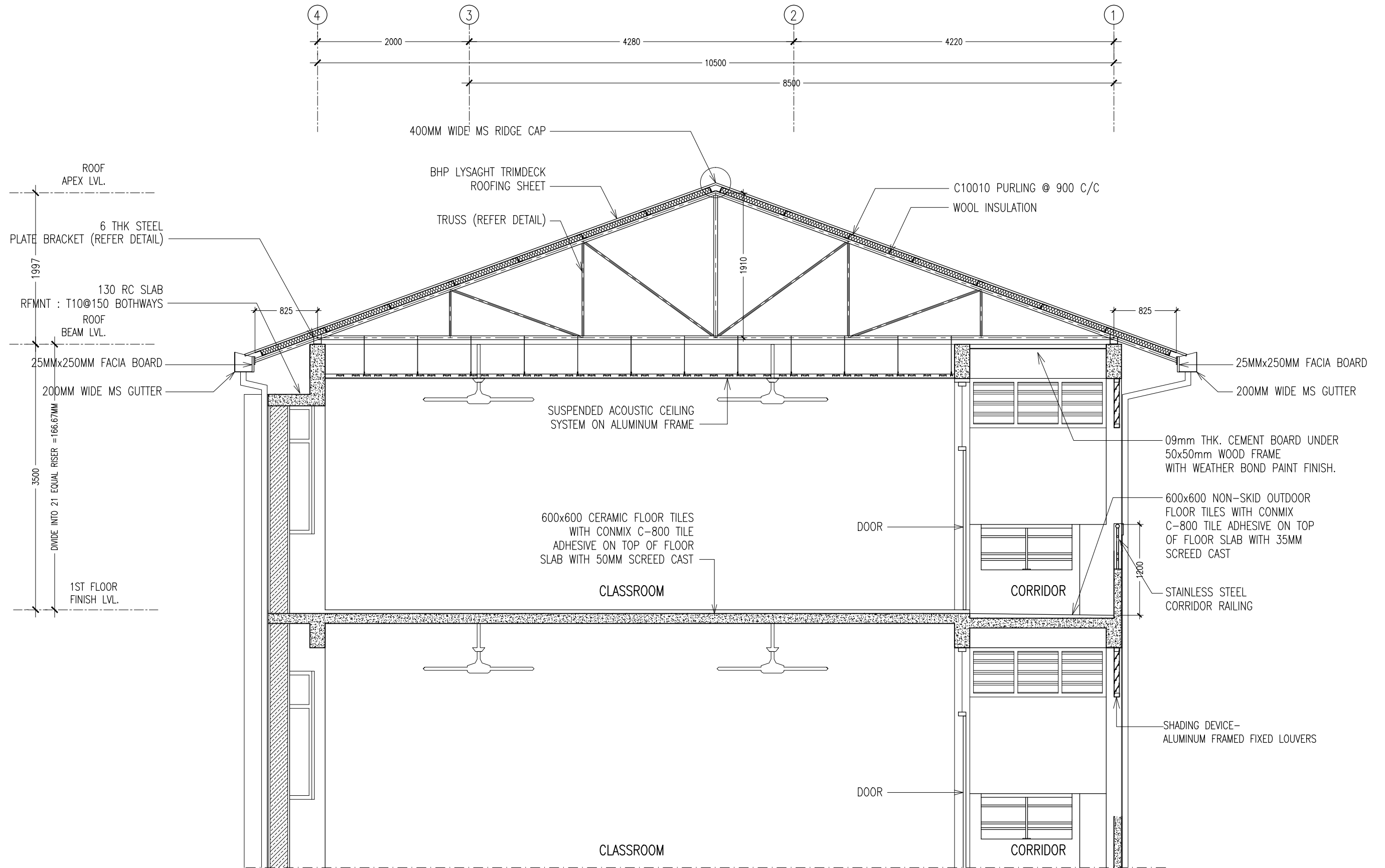
REVISION:

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

PROJECT: 3 STOREY-12 CLASSROOM BLOCK
LOCATION: G.D.H. ATOLL SCHOOL
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CLIENT:
SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

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

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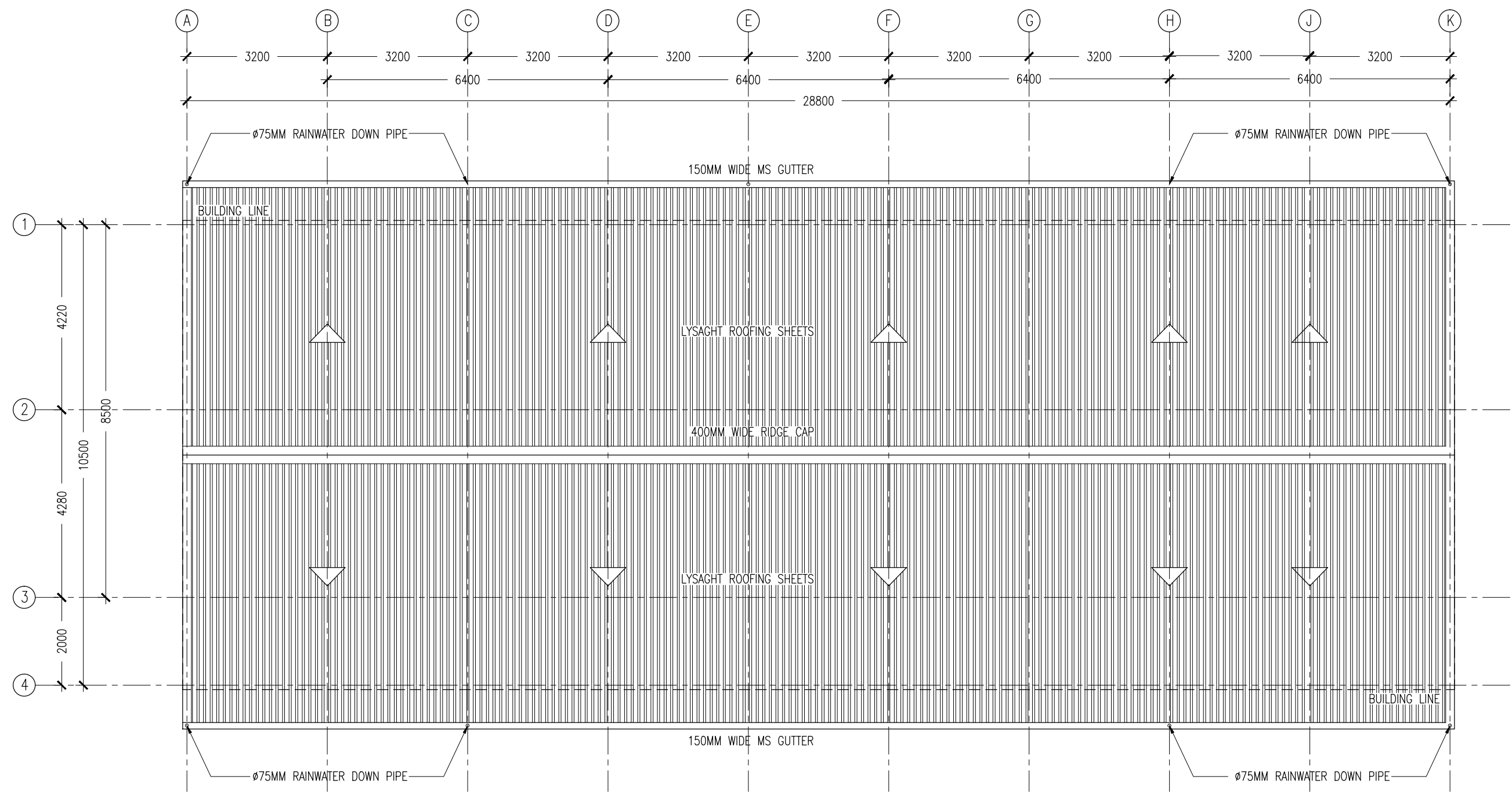
REVISION:

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

PROJECT: 3 STOREY-12 CLASSROOM BLOCK
LOCATION: G.D.H. ATOLL SCHOOL
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A-10
DWG NO
PROJECT NO.: 15-041

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ROOF LAYOUT PLAN
SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: 3 STOREY-12 CLASSROOM BLOCK	A-11
	ENGINEER: MOHAMED AHSAN	LOCATION: G.DH. ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT:	
	DRAWN BY: SHAMHAD	SCALE: AS GIVEN	DWG NO
		DIMENSION: MM	PROJECT NO.: 15-041
		DATE: FEBRUARY 2016	

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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

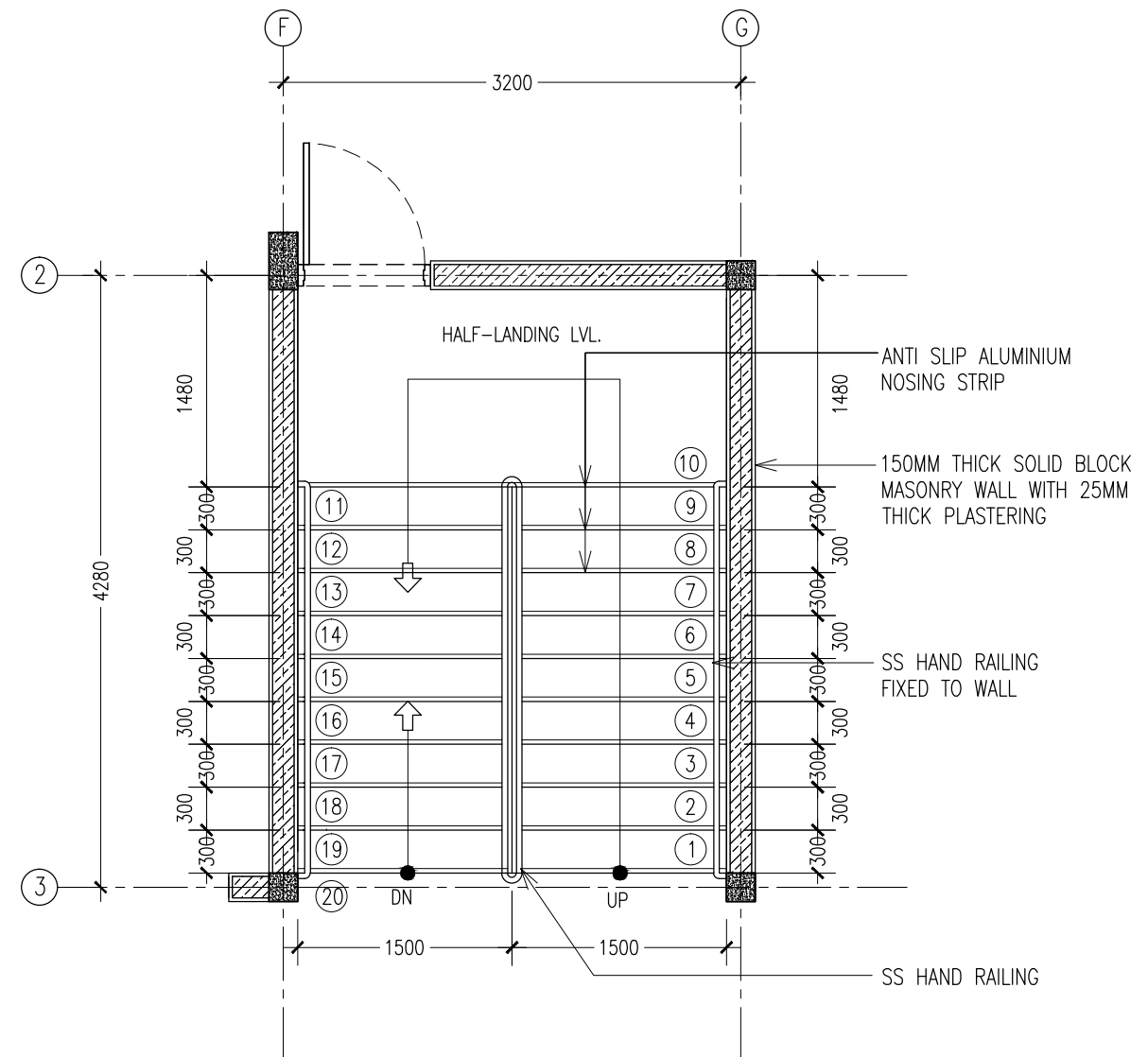
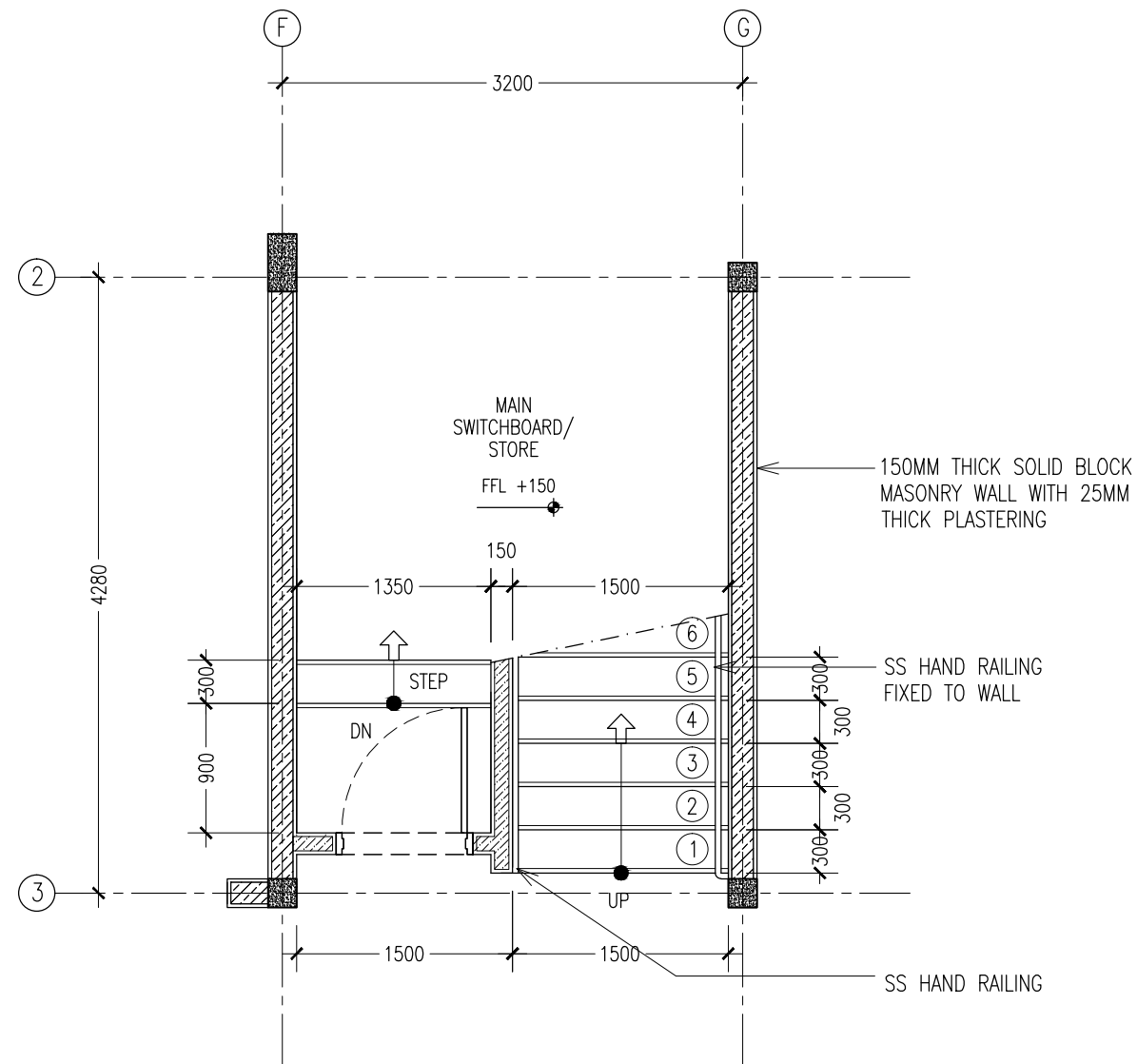
SCALE 1:50

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REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:		3 STOREY-12 CLASSROOM BLOCK		A-12	
	ENGINEER:	MOHAMED AHSAN	LOCATION:		G.DH. ATOLL SCHOOL			
	SERVICES ENG:		DRAWING TITLE:		AS GIVEN			
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	DRAWN BY:	SHAMHAD	SCALE:	AS GIVEN	DIMENSION:	MM		DATE:
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REVISION:

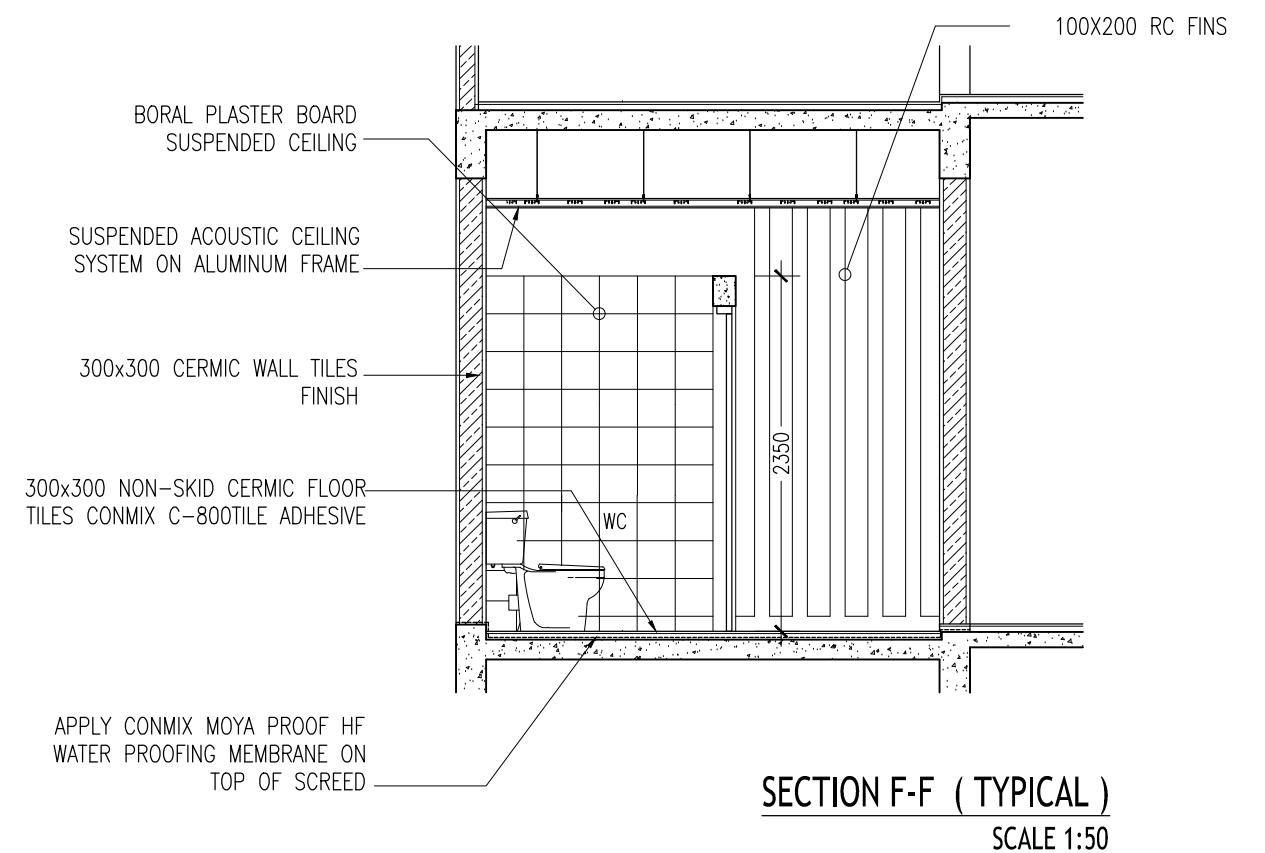
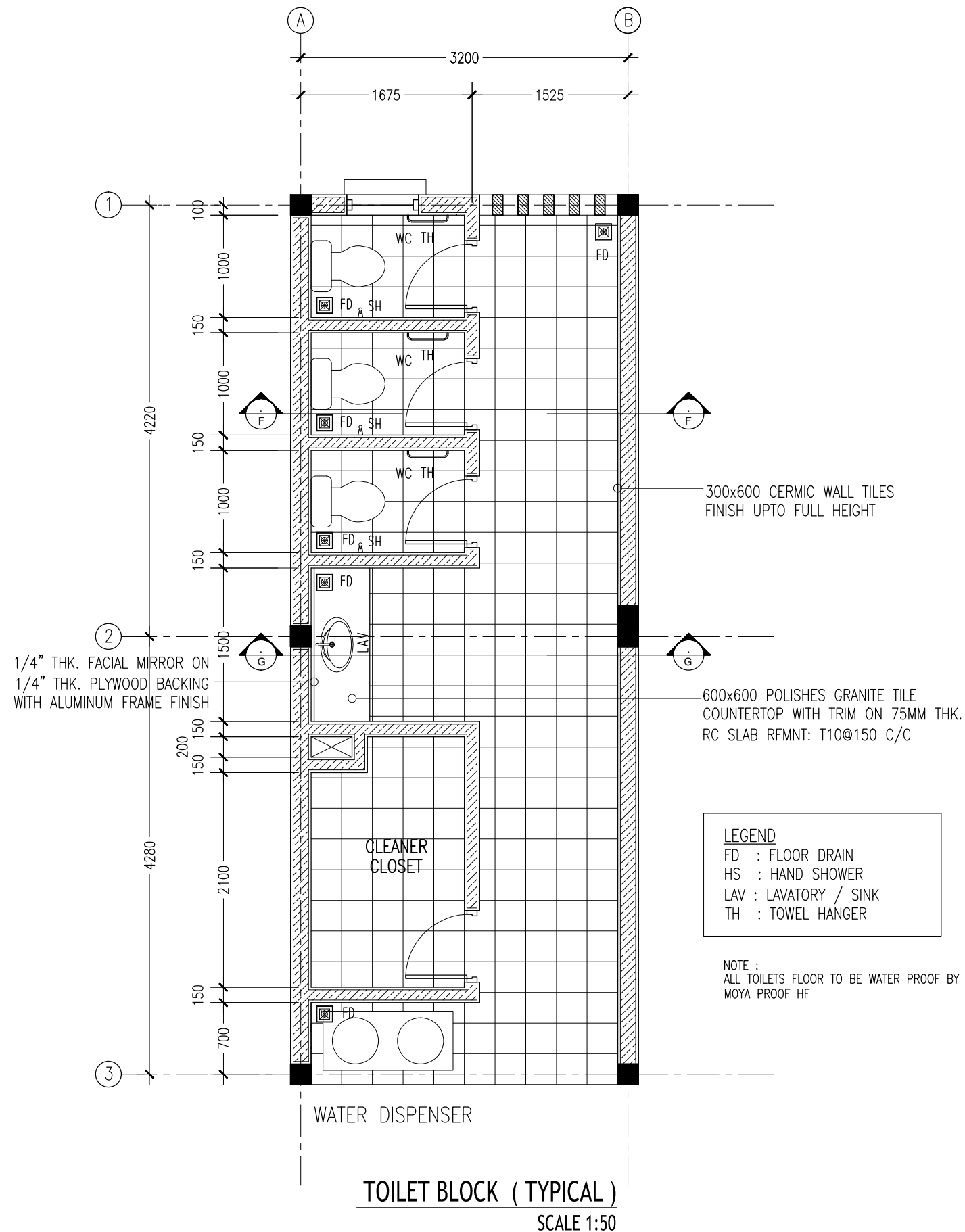
ARCHITECT: MOHAMED HAMEEN
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A-13
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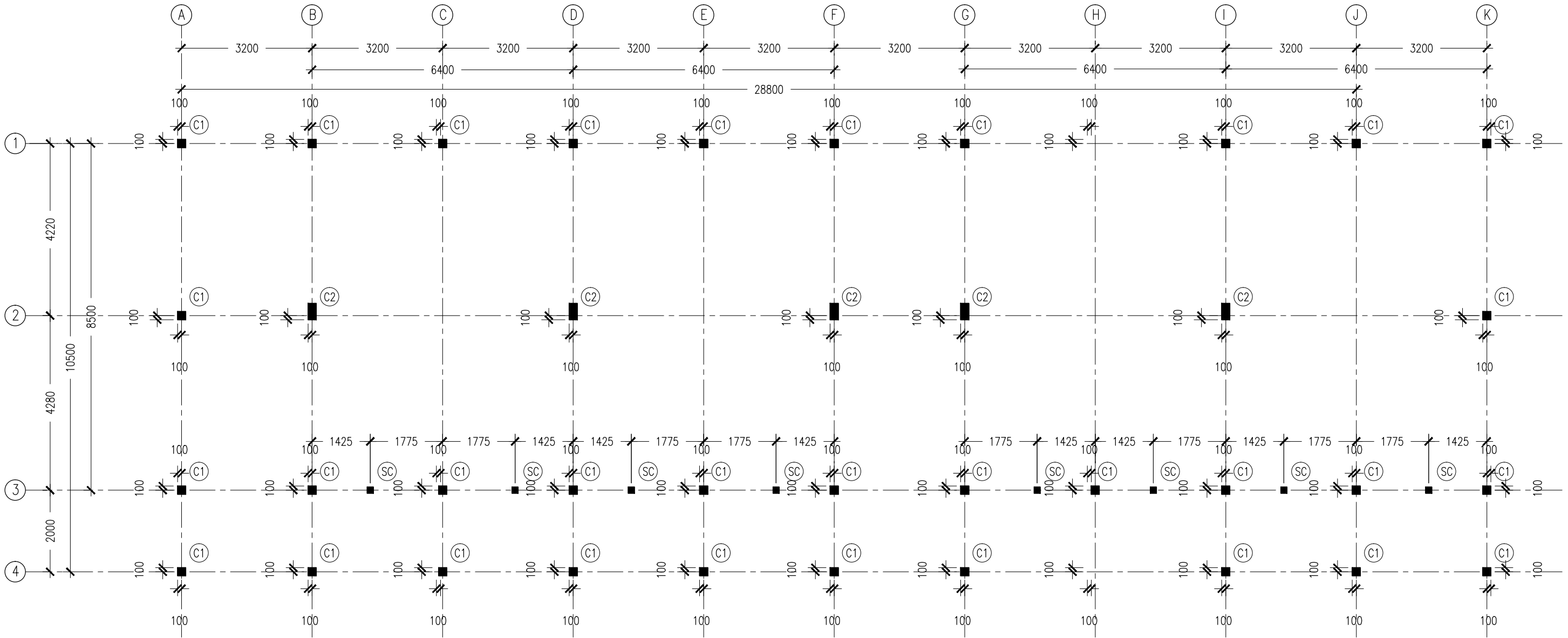
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A-14

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

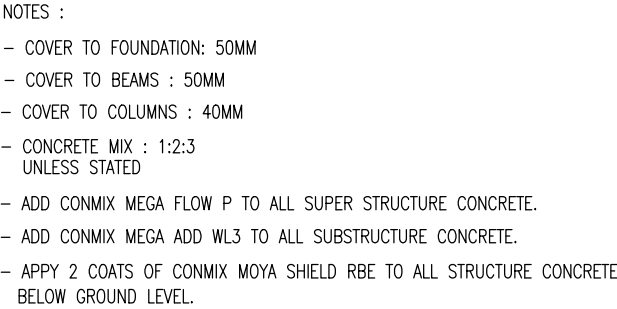
PROJECT:	3 STOREY-12 CLASSROOM BLOCK		
LOCATION:	G.DH. ATOLL SCHOOL		
DRAWING TITLE:	AS GIVEN		
CLIENT:			
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	FEBRUARY 2016

S-01

DWG NO

PROJECT NO.: 15-041

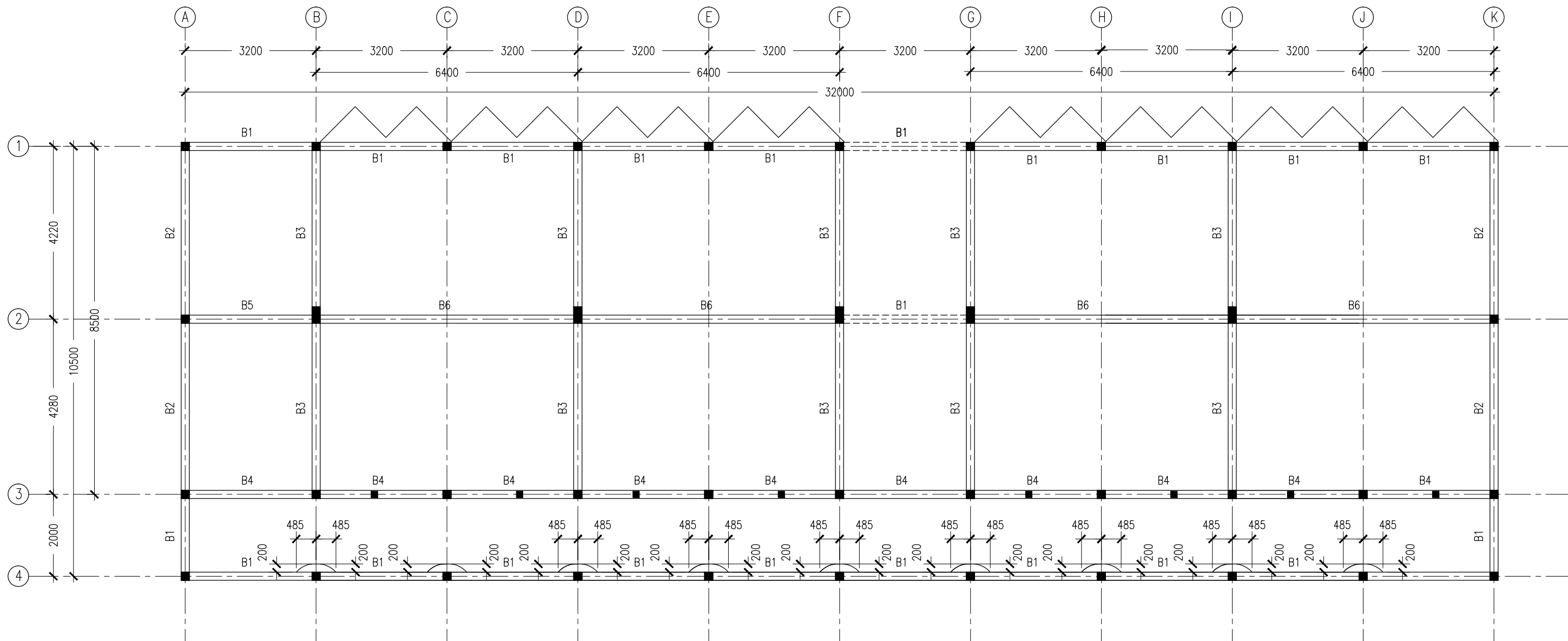
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SCALE 1:100

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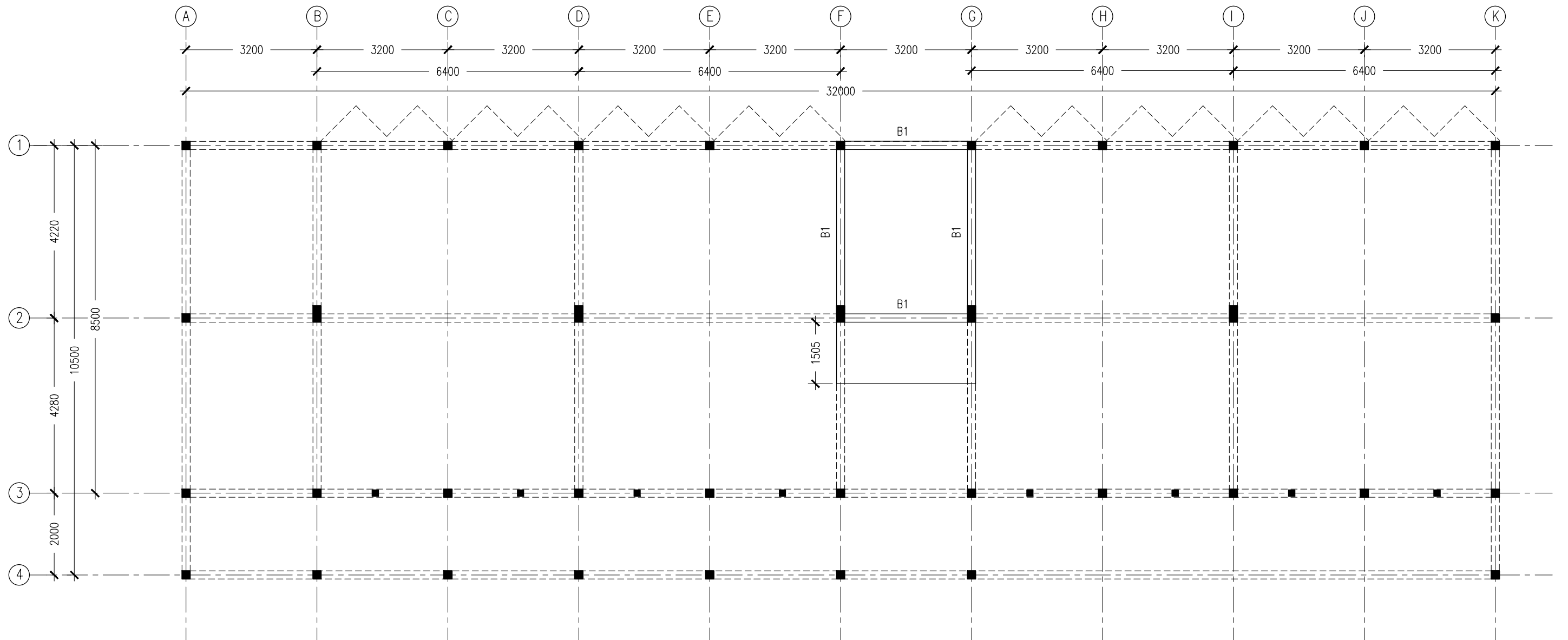
- NOTES :
- SLAB THICKNESS : 150MM
ACCPET WHERE STATED
 - SLAB BOTTOM COVER: 30MM
 - SLAB TOP COVER: 25MM
 - COVER TO BEAMS : 35MM
 - COVER TO COLUMNS : 40MM
 - CONCRETE MIX : 1:2:3
UNLESS STATED
 - ADD CONMIX MEGAFLW MP TO ALL EXTERNAL PLASTER &
FOR WET AREA PLASTER
 - ADD CONMIX MEGA FLOW P TO ALL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

1ST FLOOR SLAB BEAM LAYOUT PLAN
SCALE 1:100

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: 3 STOREY-12 CLASSROOM BLOCK	S-03
	ENGINEER: MOHAMED AHSAN	LOCATION: G.DH. ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT:	
	DRAWN BY: SHAMHAD	SCALE: AS GIVEN	
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			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.

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

CONTRACTORS MUST
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PRECEDENCE OVER
SCALE READINGS



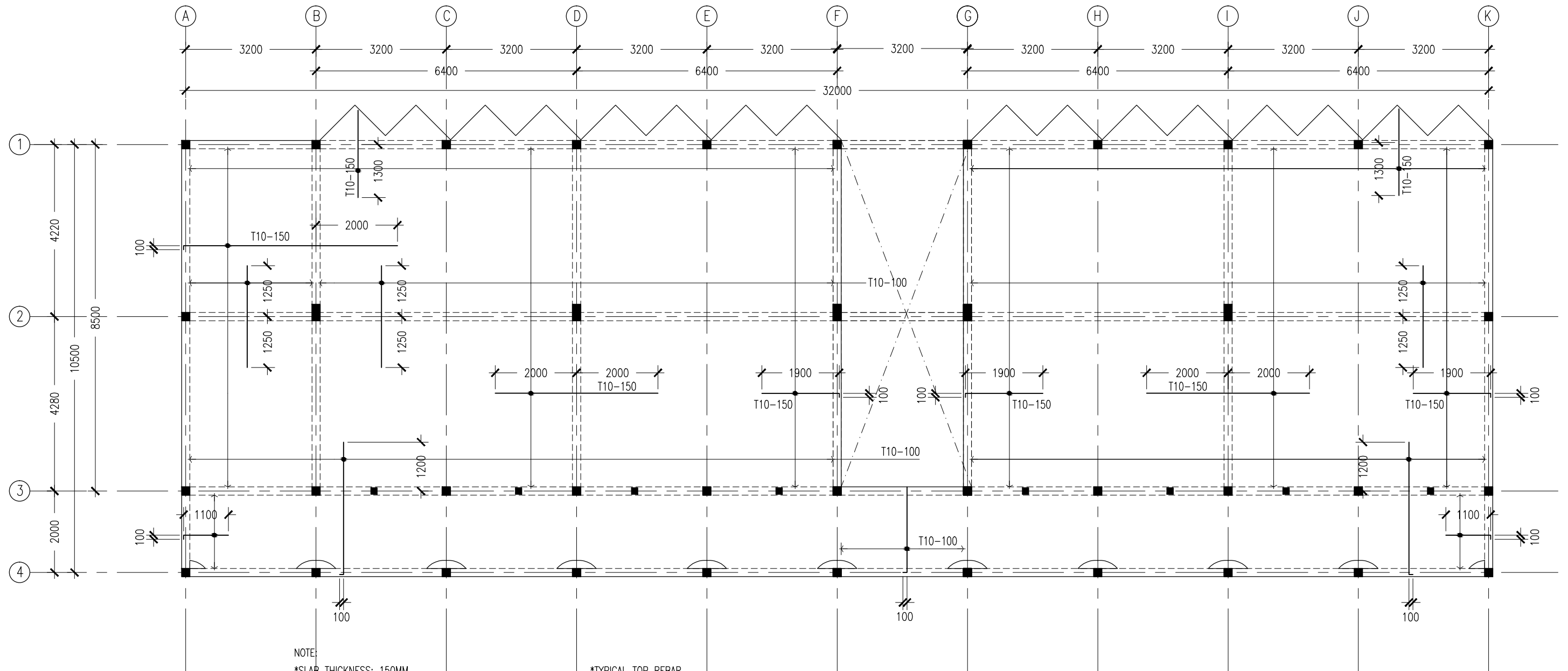
REVISION:

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

PROJECT:	3 STOREY-12 CLASSROOM BLOCK		
LOCATION:	G.DH. ATOLL SCHOOL		
DRAWING TITLE:	AS GIVEN		
CLIENT:			
SCALE:	AS GIVEN	DIMENSION: MM	DATE: FEBRUARY 2016

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

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NOTE:
*SLAB THICKNESS: 150MM
ACCPET WHERE STATED
*SLAB BOTTOM COVER: 30MM
*SLAB TOP COVER: 25MM
*SLAB TOP MAIN REINFORCEMENT : T10-200MM C/C
AS SHOWN (UNLESS STATED OTHERWISE)
*SLAB BOTTOM REINFORCEMENT : T10-150MM 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
INTO BEAM
*FCU=25N/MM2
*ADD CONMIX MegaFlow P TO ALL SUPER
STRUCTURE CONCRETE

1ST-2ND FLOOR SLAB RFMNT LAYOUT PLAN

SCALE 1:100

CONTRACTORS MUST
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DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

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

REVISION:

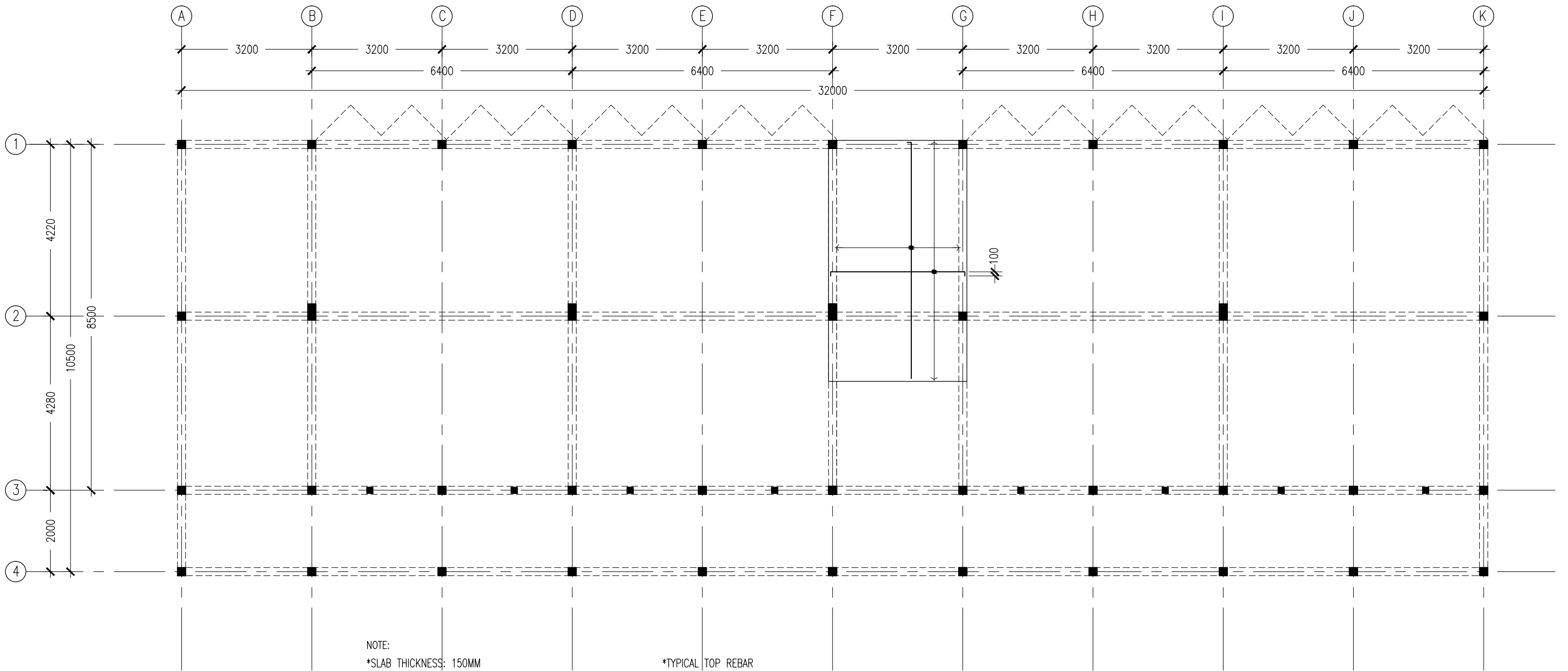
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: SHAMHAD

PROJECT: 3 STOREY-12 CLASSROOM BLOCK
LOCATION: G.DH. ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT:
SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

S-06

DWG NO
PROJECT NO.: 15-041

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NOTE:
*SLAB THICKNESS: 150MM
ACCPET WHERE STATED
*SLAB BOTTOM COVER: 30MM
*SLAB TOP COVER: 25MM
*SLAB TOP MAIN REINFORCEMENT : T10-200MM C/C
AS SHOWN (UNLESS STATED OTHERWISE)
*SLAB BOTTOM REINFORCEMENT : T10-200MM BW C/C
(THROUGHOUT) NOT SHOWN
*CURTAIL REBARS OVER OPENINGS
*PROVIDE EXTRA ADDITIONAL REINFORCEMENT
AS SPECIFIED
*TOP DISTRIBUTION REINFORCEMENT : T10@300 BW C/C

*TYPICAL TOP REBAR
SPECIFIED LENGTH
EXTRA 100
INTO BEAM
*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
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: SHAMHAD

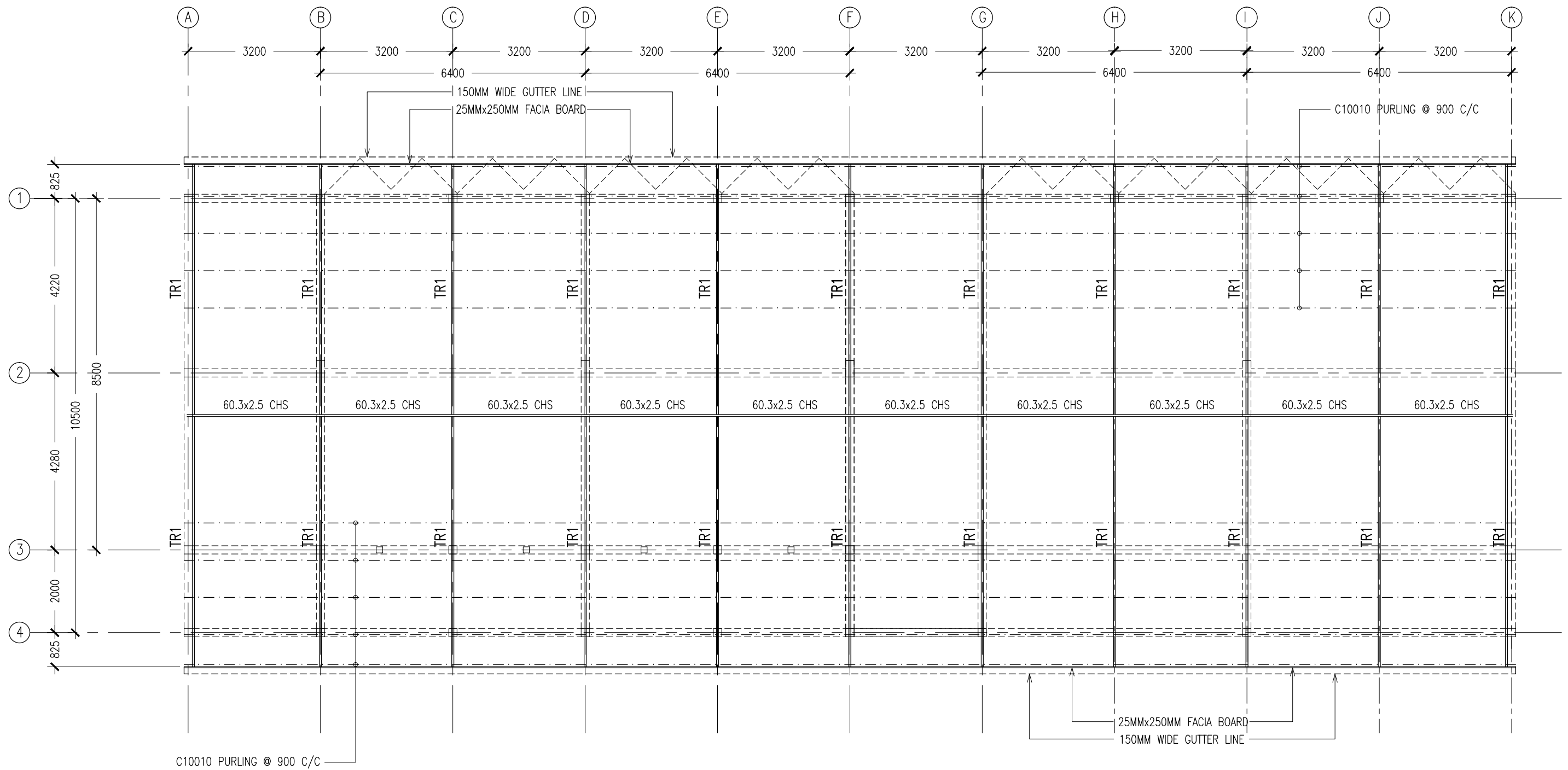
PROJECT: 3 STOREY-12 CLASSROOM BLOCK
LOCATION: G.DH. ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT:

SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

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

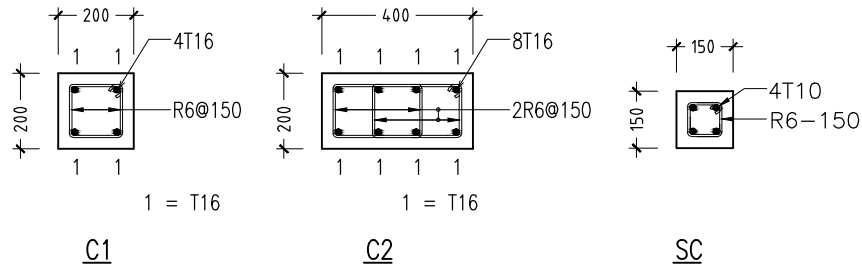


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: 3 STOREY-12 CLASSROOM BLOCK	S-08
	ENGINEER: MOHAMED AHSAN	LOCATION: G.DH. ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT:	
	DRAWN BY: SHAMHAD	SCALE: AS GIVEN	DWG NO
		DIMENSION: MM	PROJECT NO.: 15-041
		DATE: FEBRUARY 2016	

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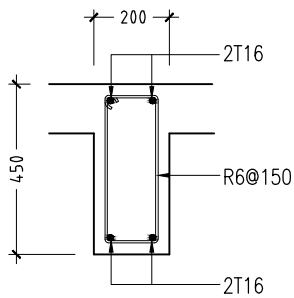
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	F1	1050	1050	300	T12@150mm C/C BW BOTTOM
	F2	1150	1150	300	T12@150mm C/C BW BOTTOM
	F3	1450	1450	300	T12@150mm C/C BW BOTTOM
	F4	1350	1350	300	T12@150mm C/C BW BOTTOM
	F5	1550	1550	300	T12@150mm C/C BW BOTTOM
	F6	2200	2200	300	T16@100mm C/C BW BOTTOM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

FOOTING DETAILS

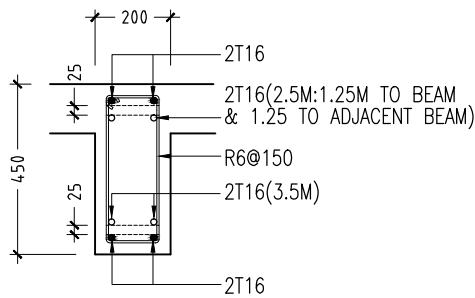


COLUMN DETAILS

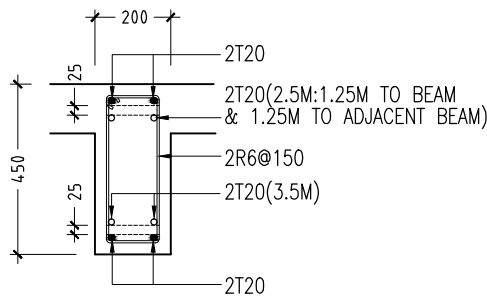
SCALE 1:20



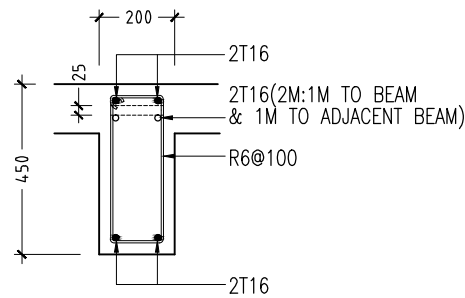
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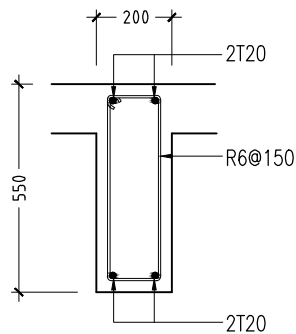
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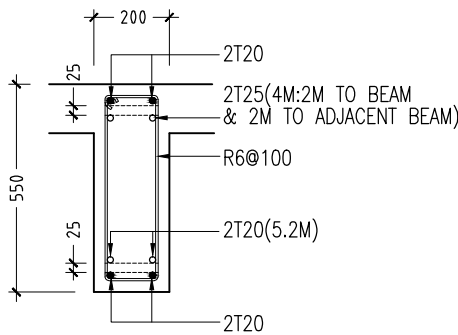
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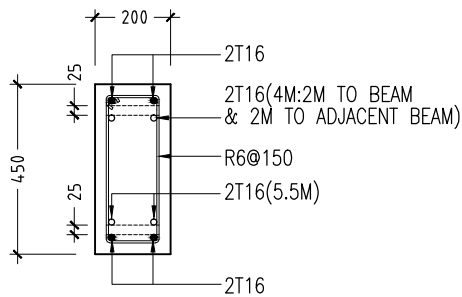
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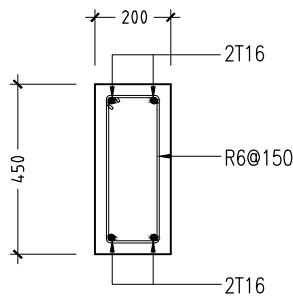
B5



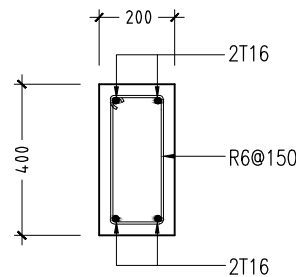
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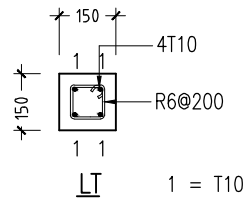
RB1



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

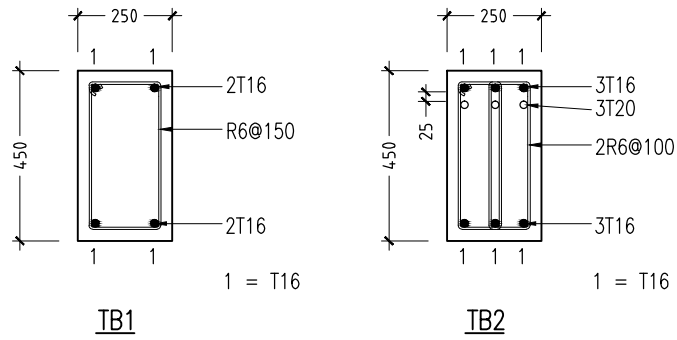
LINTEL/SILL BEAM DETAILS

SCALE 1:20

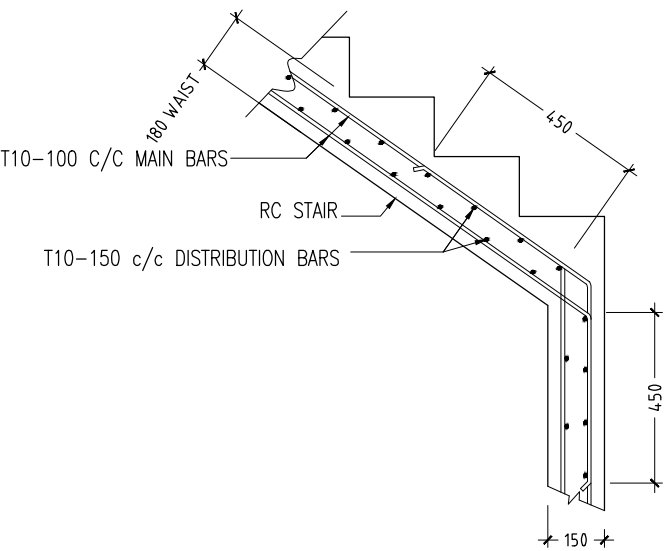
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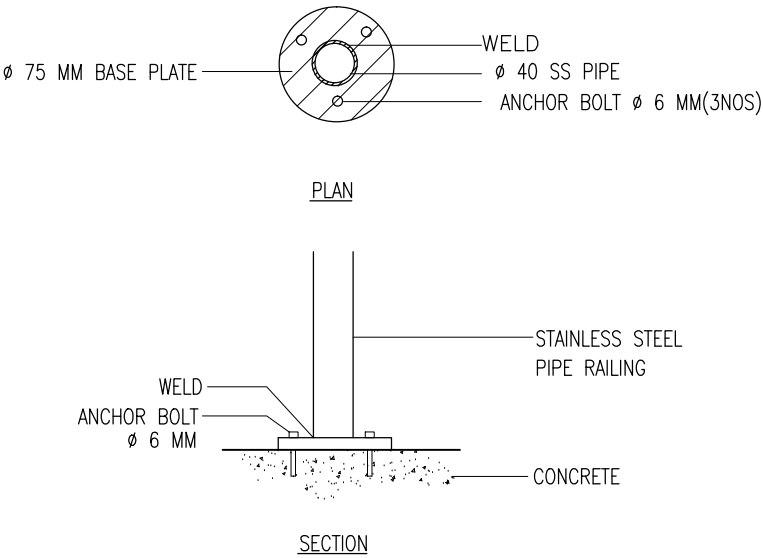
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: 3 STOREY-12 CLASSROOM BLOCK		S-09
	ENGINEER: MOHAMED AHSAN	LOCATION: G.DH. ATOLL SCHOOL		
	SERVICES ENG:	DRAWING TITLE: AS GIVEN		
	ESTIMATOR:	CLIENT:		
	DRAWN BY: SHAMHAD	SCALE: AS GIVEN	DIMENSION: MM	
			DATE: FEBRUARY 2016	PROJECT NO.: 15-041
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FOUNDATION BEAM DETAILS
SCALE 1:20



TYPICAL STAIR RFMT DETAIL
SCALE 1:20



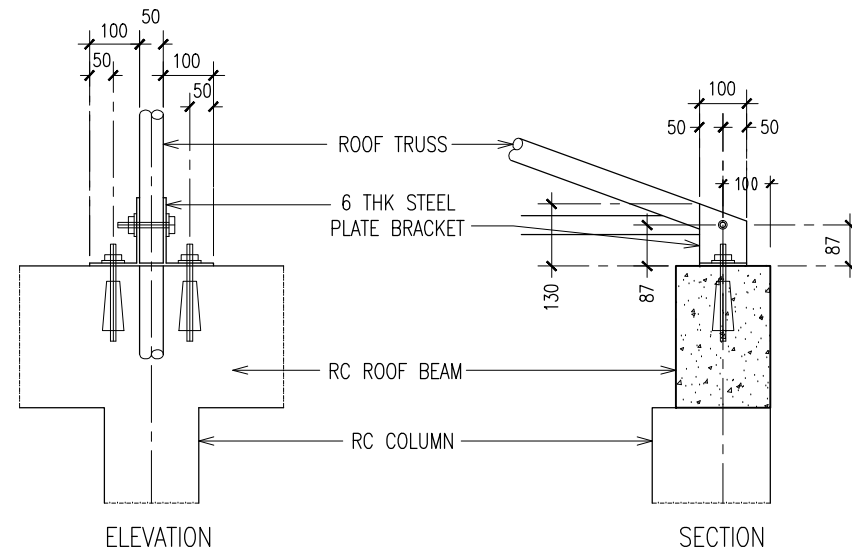
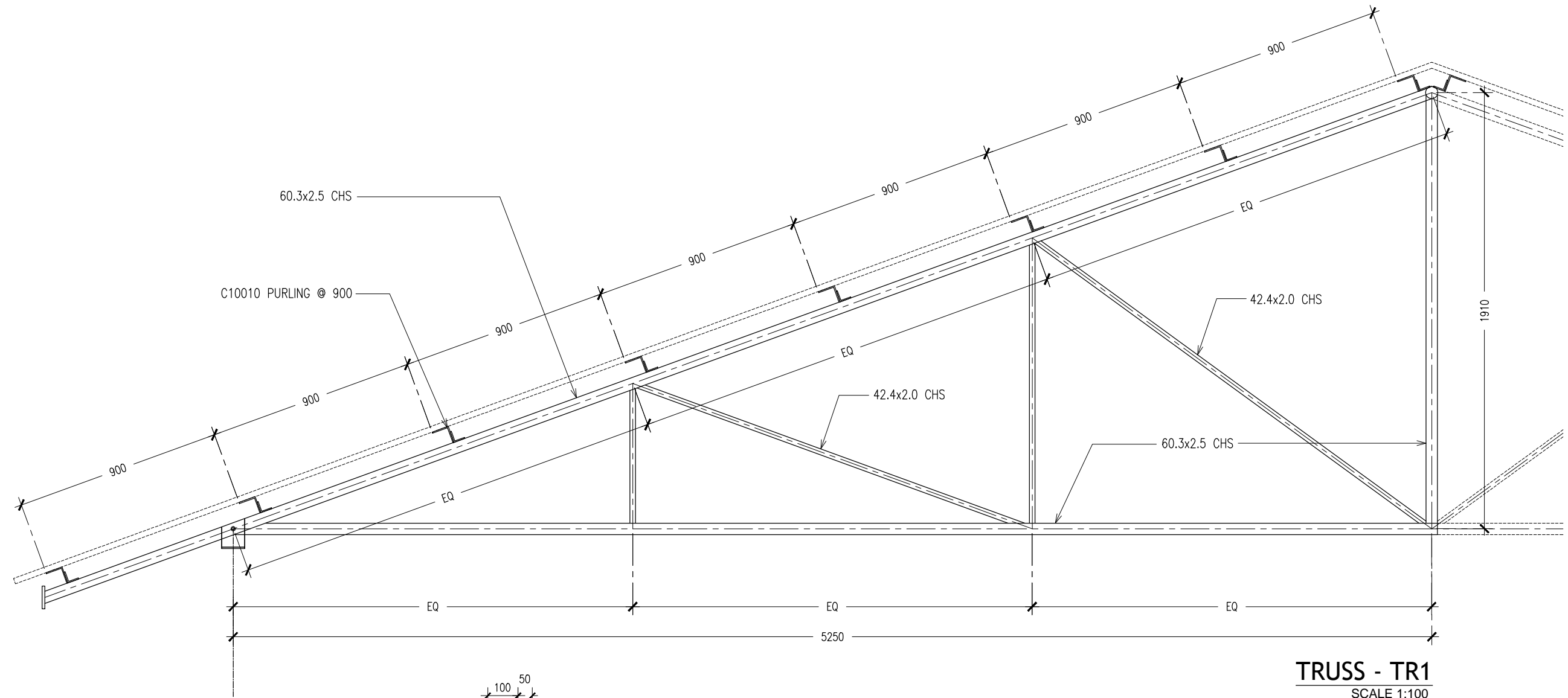
DETAIL D (STAIR RAILING)
SCALE 1:20

CONTRACTORS MUST
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DIMENSIONS TO TAKE
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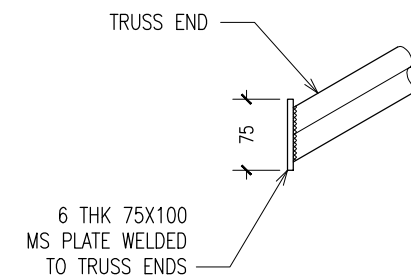
ArchEng
studio
Ma Fiyajahaage, 1st floor, Male', Republic of Maldives
admin@archeng.biz

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: 3 STOREY-12 CLASSROOM BLOCK	S-10
	ENGINEER: MOHAMED AHSAN	LOCATION: G.DH, ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT:	
	DRAWN BY: SHAMHAD	SCALE: AS GIVEN	DWG NO
		DIMENSION: MM	PROJECT NO.: 15-041
		DATE: FEBRUARY 2016	

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TYPICAL TRUSS FIXING DETAILS
SCALE : NTS



TYPICAL TRUSS END DETAILS
SCALE : NTS

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DIMENSIONS TO TAKE
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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: SHAMHAD

PROJECT: 3 STOREY-12 CLASSROOM BLOCK

LOCATION: G.DH. ATOLL SCHOOL

DRAWING TITLE: AS GIVEN

CLIENT:

SCALE: AS GIVEN

DIMENSION: MM

DATE: FEBRUARY 2016

S-11

DWG NO

PROJECT NO.: 15-041

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PROPOSED 12 CLASS ROOM BLOCK

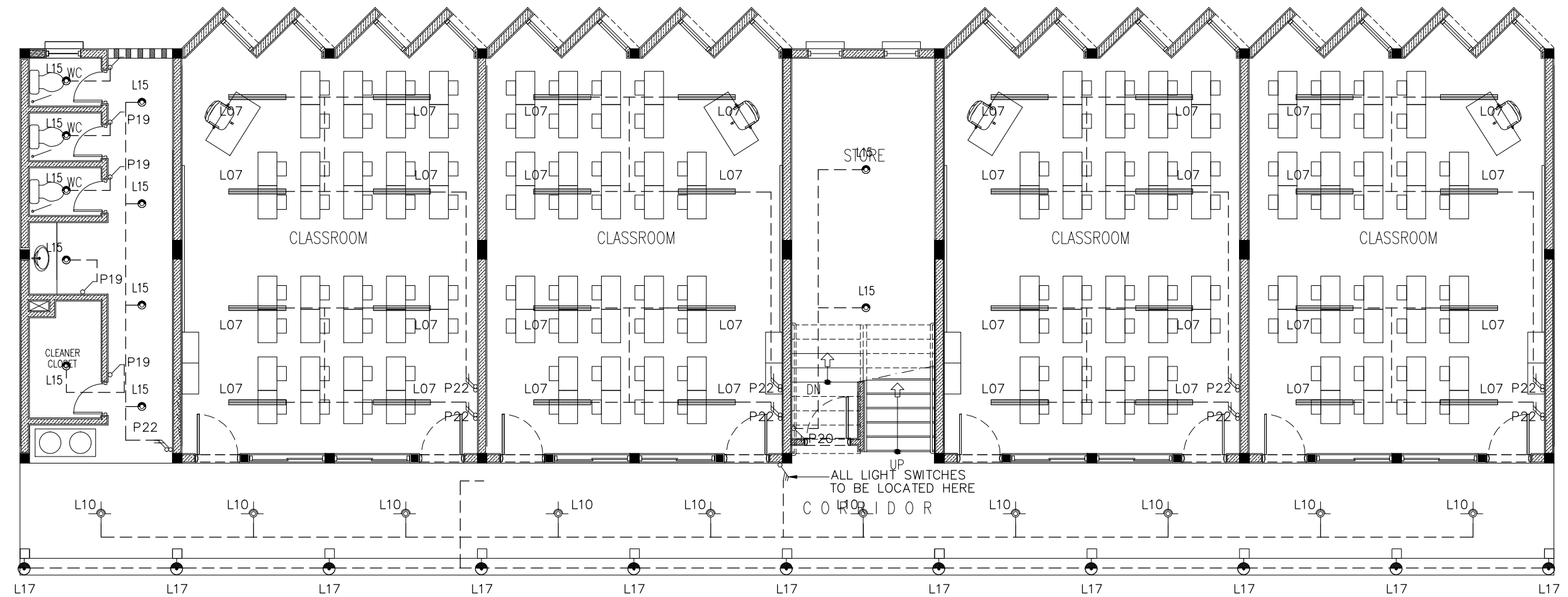
**G.DH. ATOLL SCHOOL
SERVICES DRAWINGS**

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

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

GROUND FLOOR LIGHTING PLAN SCALE 1:100

CONTRACTORS MUST
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PRECEDENCE OVER
SCALE READINGS

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admin@archeng.biz

REVISION:

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

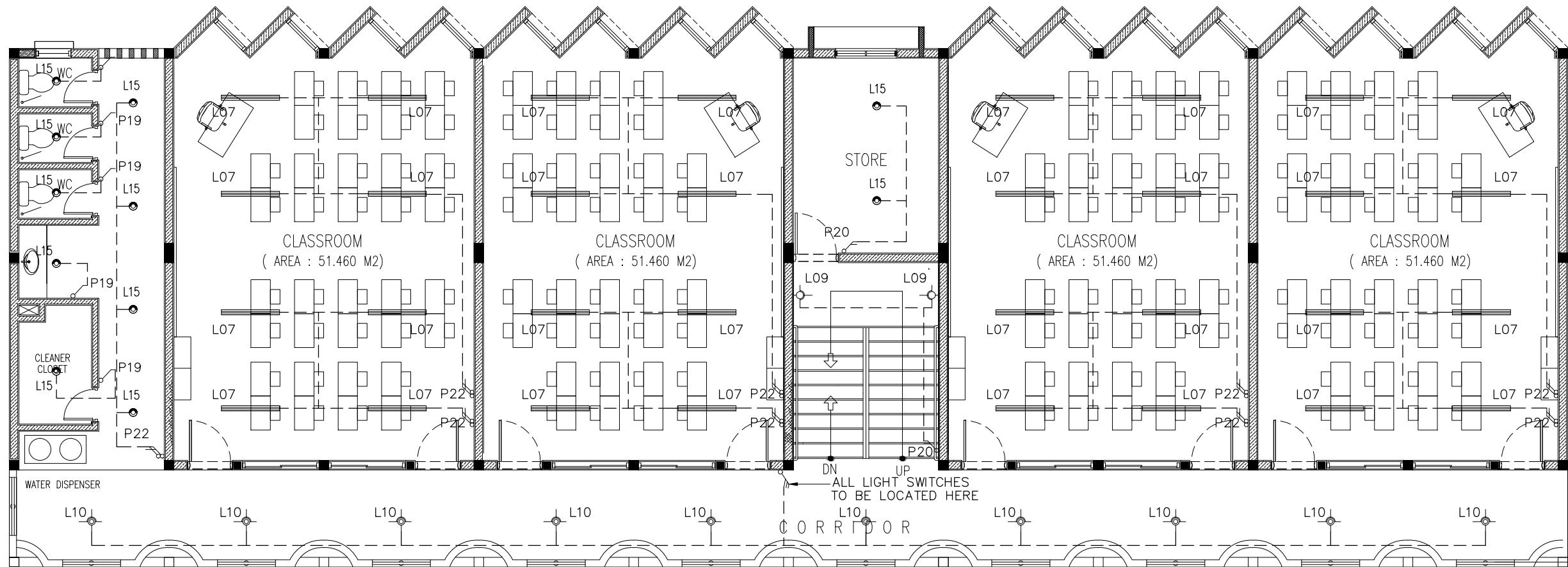
PROJECT: 3 STOREY-12 CLASSROOM BLOCK
LOCATION: G.DH. ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT:

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

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

1SND-2ND FLOOR LIGHTING PLAN

SCALE 1:100

CONTRACTORS MUST
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SCALE READINGS

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

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: 3 STOREY-12 CLASSROOM BLOCK	<div>E-02</div> <div>DWG NO</div> <div>PROJECT NO.: 15-041</div>
	ENGINEER: MOHAMED AHSAN	LOCATION: G.DH. ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT:	
	DRAWN BY: SHAMHAD	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
	VGA01	VGA CABLE
	VGA02	VGA CABLE AT CEILING LEVEL
	T01	PLAIN TELEPHONE OUTLET
	T02	COMPUTER NETWORK OUTLET
	MP01	MULTIMEDIA PROJECTOR
	T10	T.V POINT
	T11	SPEAKER

GROUND FLOOR POWER
SOCKET 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:

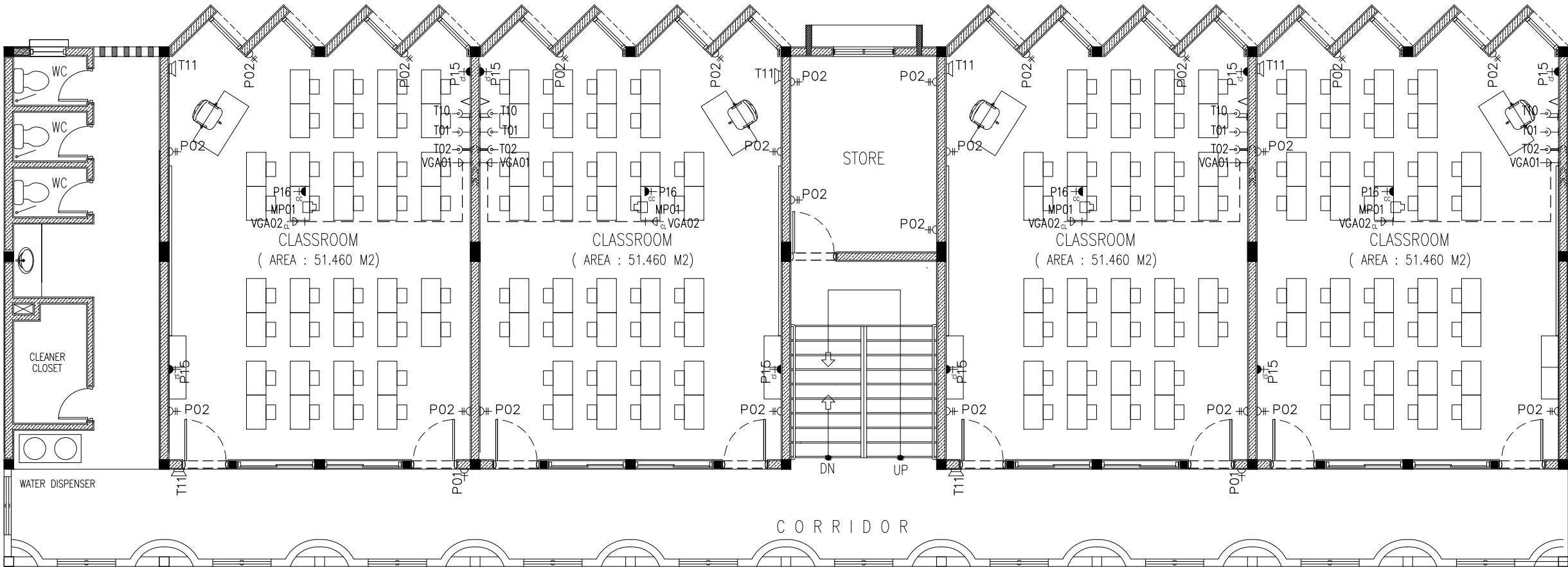
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
DRAWN BY: SHAMHAD

PROJECT: 3 STOREY-12 CLASSROOM BLOCK
LOCATION: G.DH. ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT:
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

1SND-2ND FLOOR POWER SOCKET
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

PROJECT:	3 STOREY-12 CLASSROOM BLOCK		
LOCATION:	G.DH. ATOLL SCHOOL		
DRAWING TITLE:	AS GIVEN		
CLIENT:			
SCALE:	AS GIVEN	DIMENSION: MM	DATE: FEBRUARY 2016

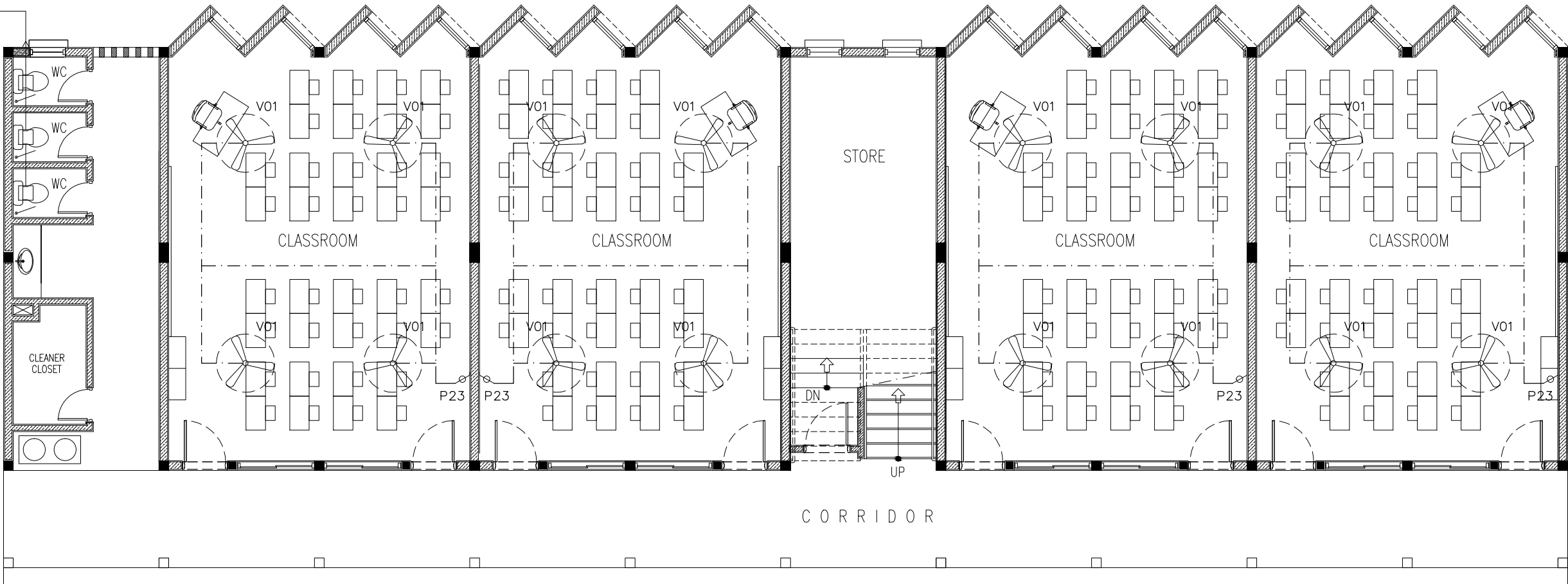
E-04

DWG NO

PROJECT NO.: 15-041

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MECHANICAL VENTILATION



LEGEND

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

GROUND FLOOR FAN/AC PLAN
SCALE 1:100

CONTRACTORS MUST
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DRAWINGS, FIGURED
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PRECEDENCE OVER
SCALE READINGS



REVISION:	

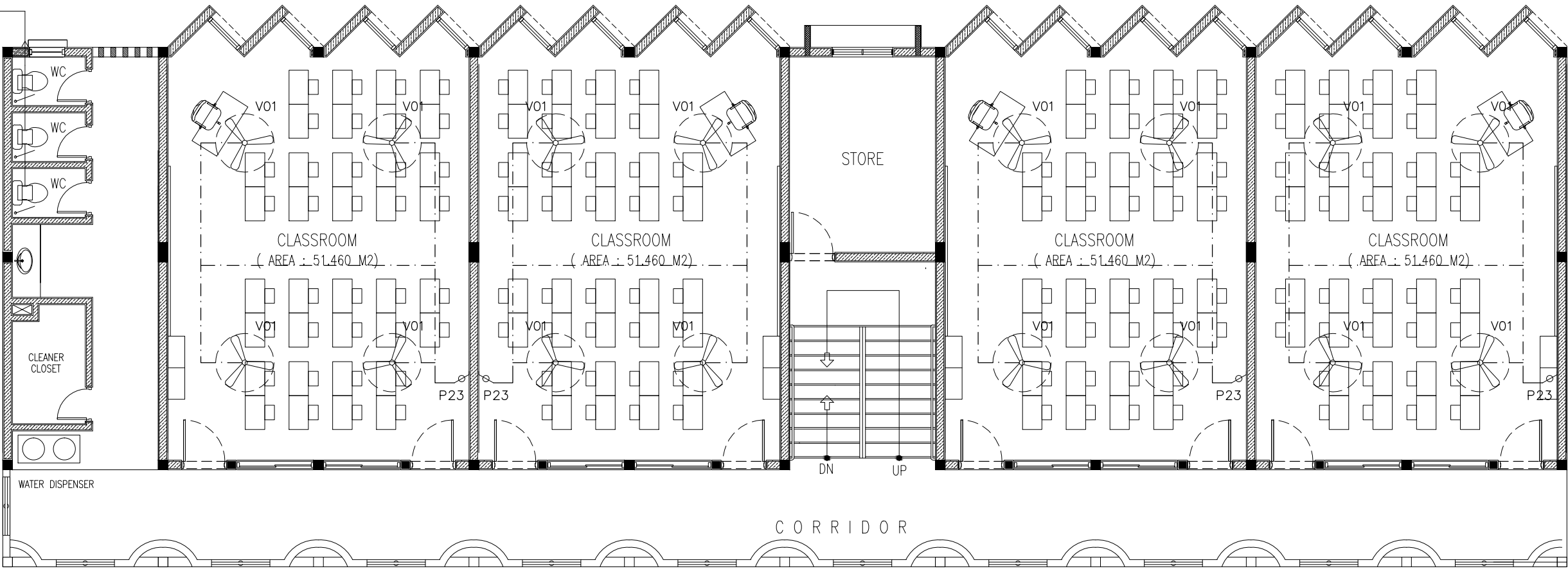
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD

PROJECT:	3 STOREY-12 CLASSROOM BLOCK
LOCATION:	G.D.H. ATOLL SCHOOL
DRAWING TITLE:	AS GIVEN
CLIENT:	
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	FEBRUARY 2016

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

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MECHANICAL VENTILATION



LEGEND

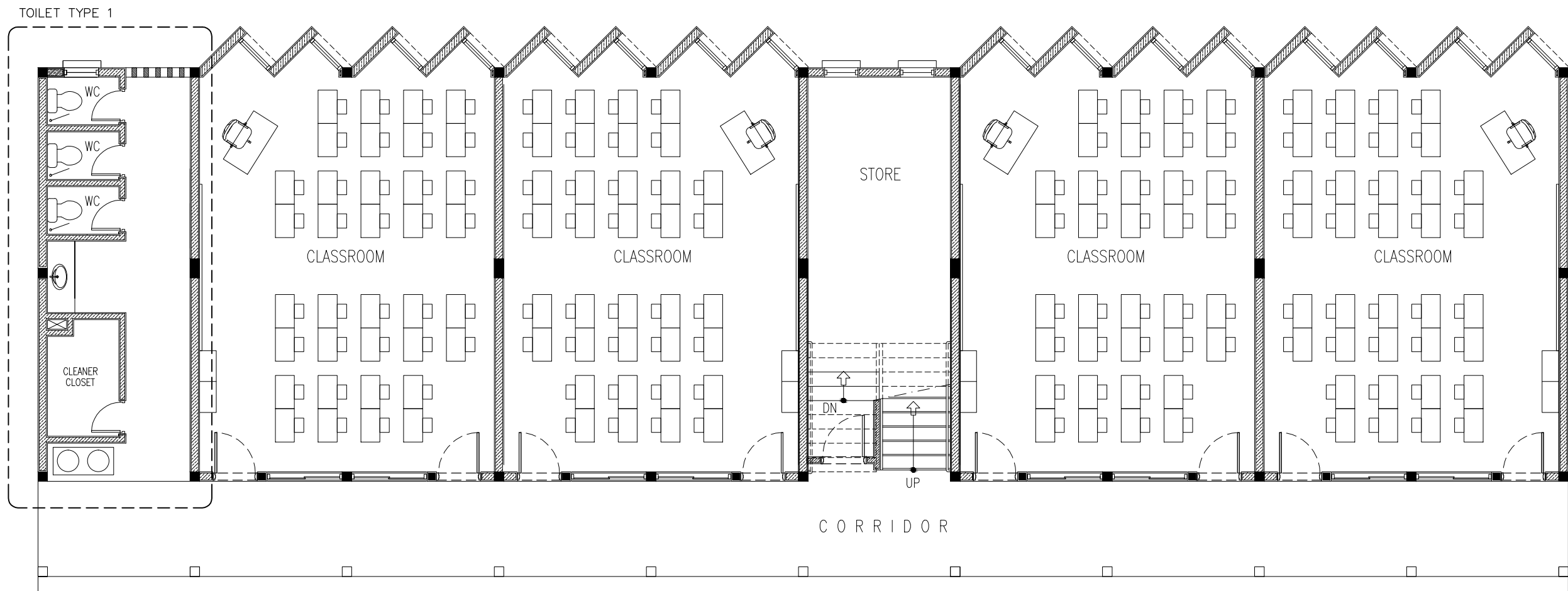
	P23	FAN / LIGHT DIMMER SWITCH
	V01b	DIA. 1200 CEILING FAN

1SND-2ND FLOOR FAN/AC 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: 3 STOREY-12 CLASSROOM BLOCK		E-06
	ENGINEER: MOHAMED AHSAN	LOCATION: G.DH. ATOLL SCHOOL		
	SERVICES ENG:	DRAWING TITLE: AS GIVEN		
	ESTIMATOR:	CLIENT:		
	DRAWN BY: SHAMHAD	SCALE: AS GIVEN	DIMENSION: MM	
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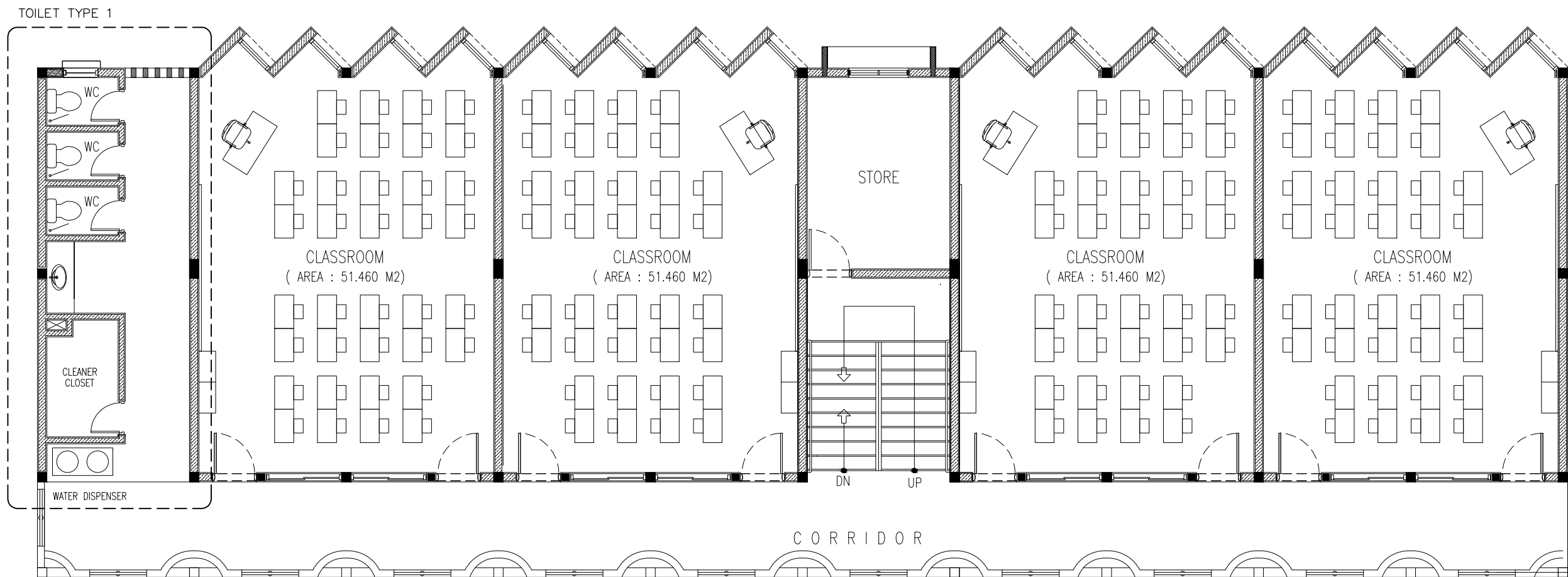


GROUND FLOOR PLUMBING KEY
 PLAN
 SCALE 1:100

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: 3 STOREY-12 CLASSROOM BLOCK	P-01
	ENGINEER: MOHAMED AHSAN	LOCATION: G.DH. ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT:	
	DRAWN BY: SHAMHAD	SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016	
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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



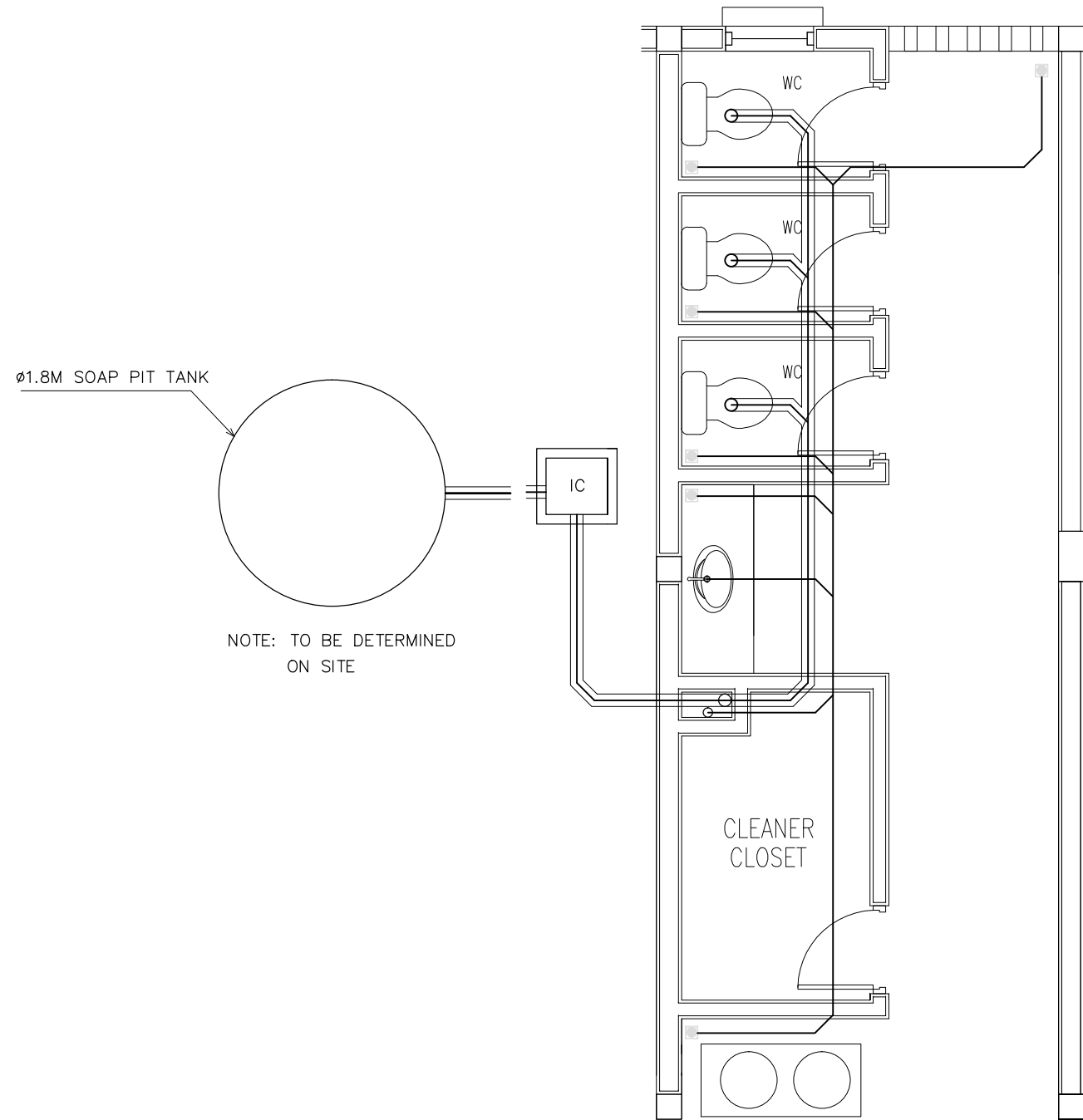
REVISION:	

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

PROJECT:	3 STOREY-12 CLASSROOM BLOCK
LOCATION:	G.DH. ATOLL SCHOOL
DRAWING TITLE:	AS GIVEN
CLIENT:	
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	FEBRUARY 2016

P-02
DWG NO
PROJECT NO.: 15-041

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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

SEWAGE AND WASTE DISPOSAL
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

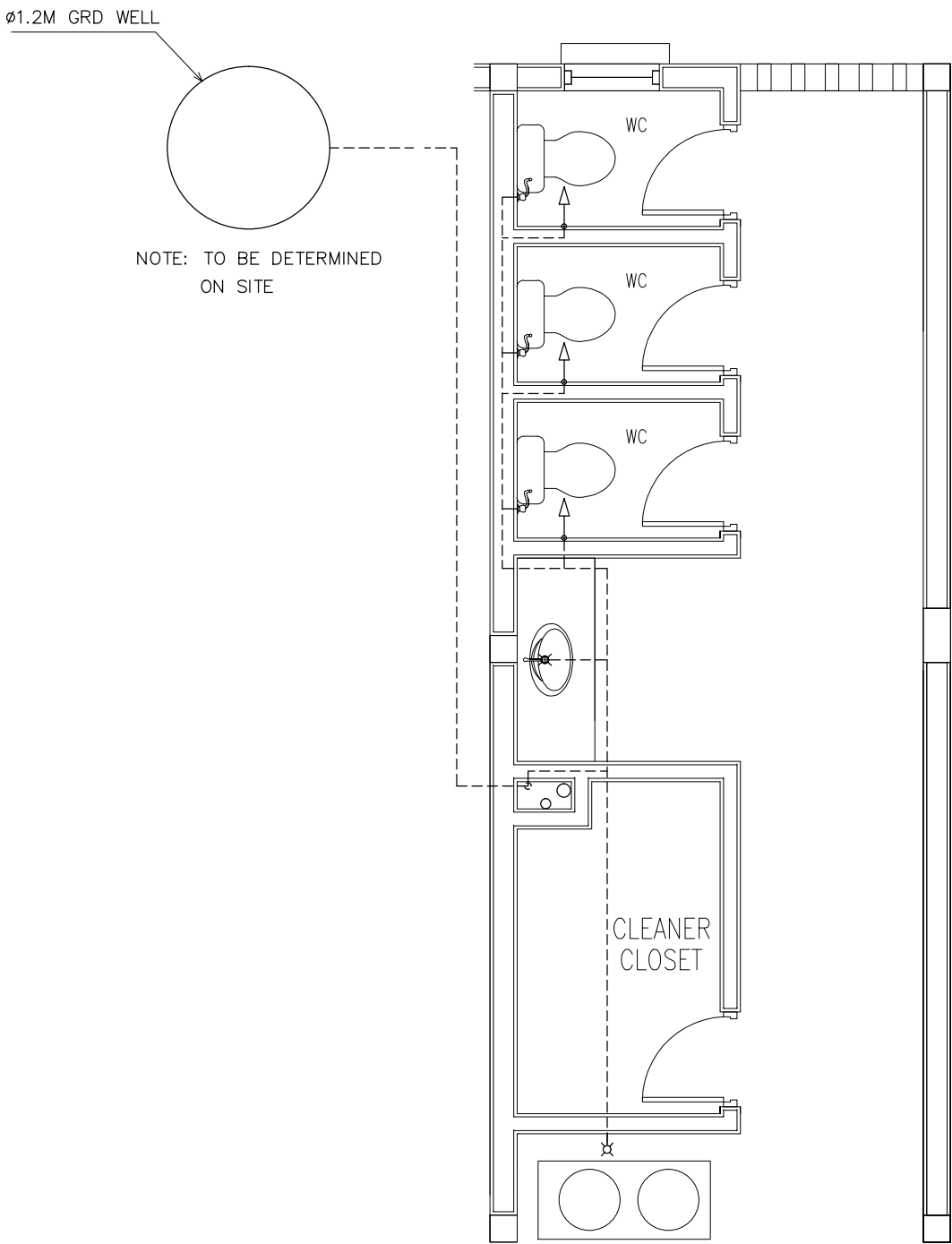


REVISION:	

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

PROJECT:	3 STOREY-12 CLASSROOM BLOCK
LOCATION:	G.DH. ATOLL SCHOOL
DRAWING TITLE:	AS GIVEN
CLIENT:	
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	FEBRUARY 2016

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



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

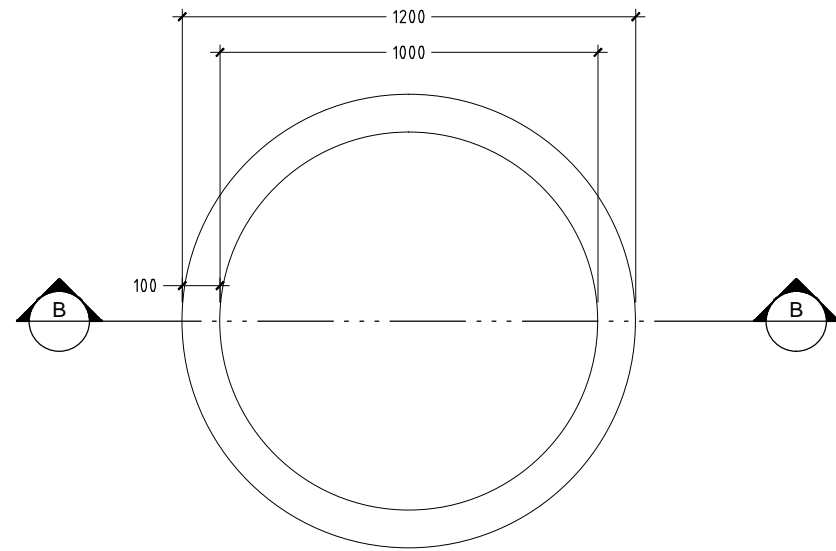


REVISION:	

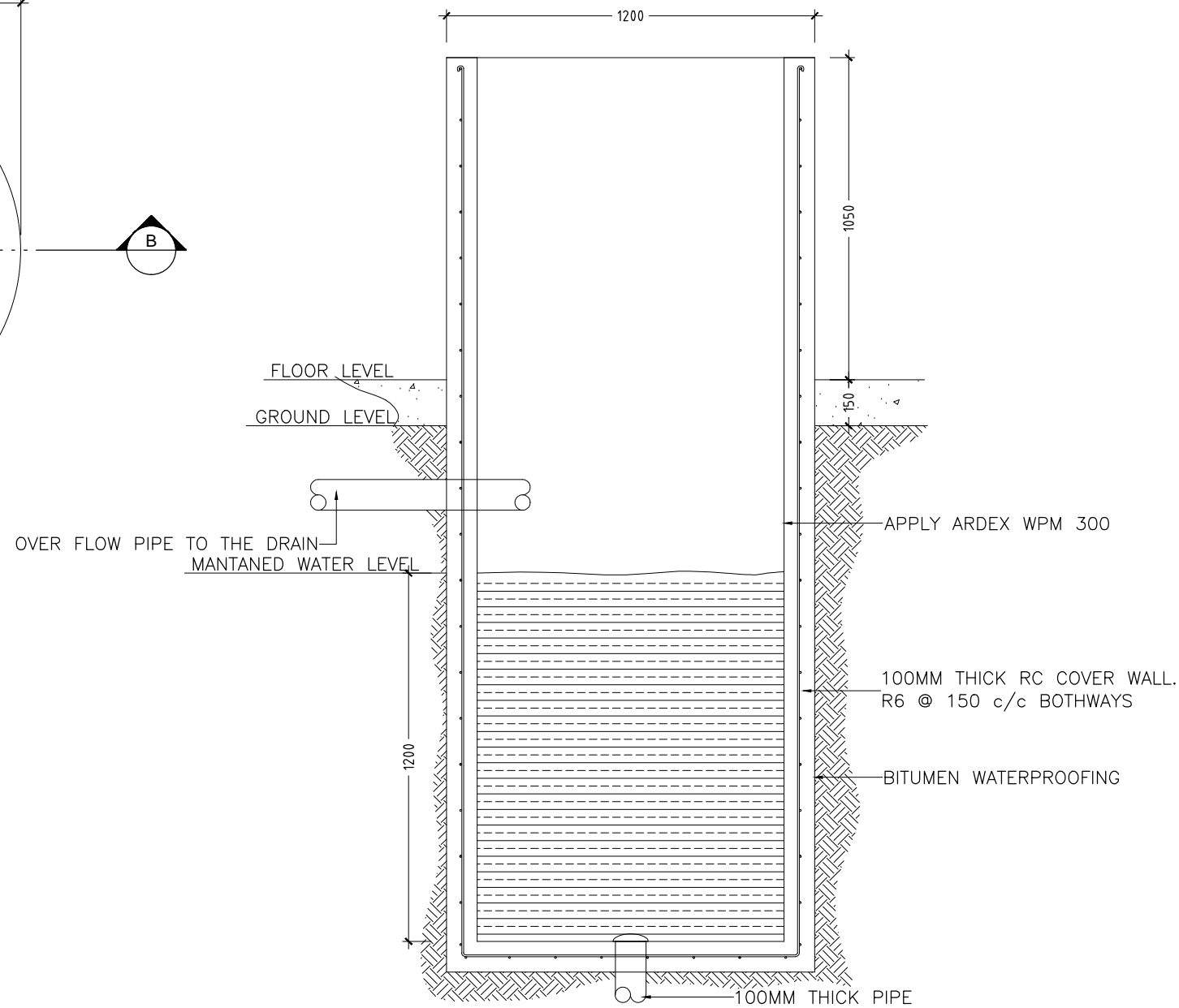
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	SHAMHAD

PROJECT:	3 STOREY-12 CLASSROOM BLOCK
LOCATION:	G.DH. ATOLL SCHOOL
DRAWING TITLE:	AS GIVEN
CLIENT:	
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	FEBRUARY 2016

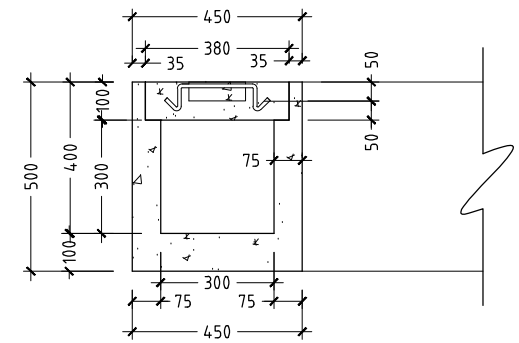
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DWG NO
PROJECT NO.: 15-041



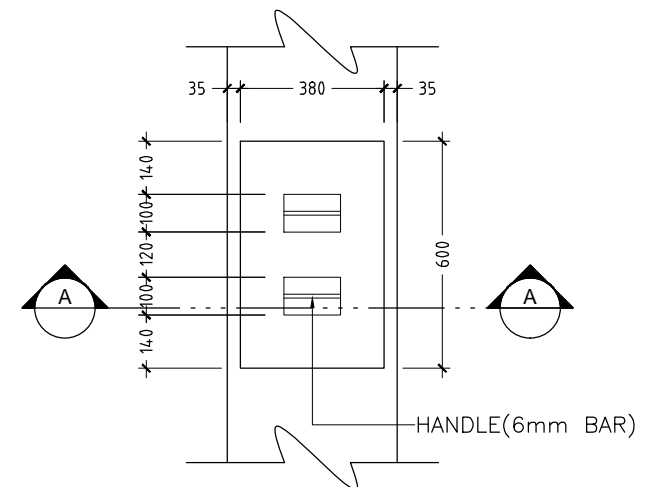
DETAIL B/ PLAN VIEW OF WELL
SCALE 1 : 20



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

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admin@archeng.biz

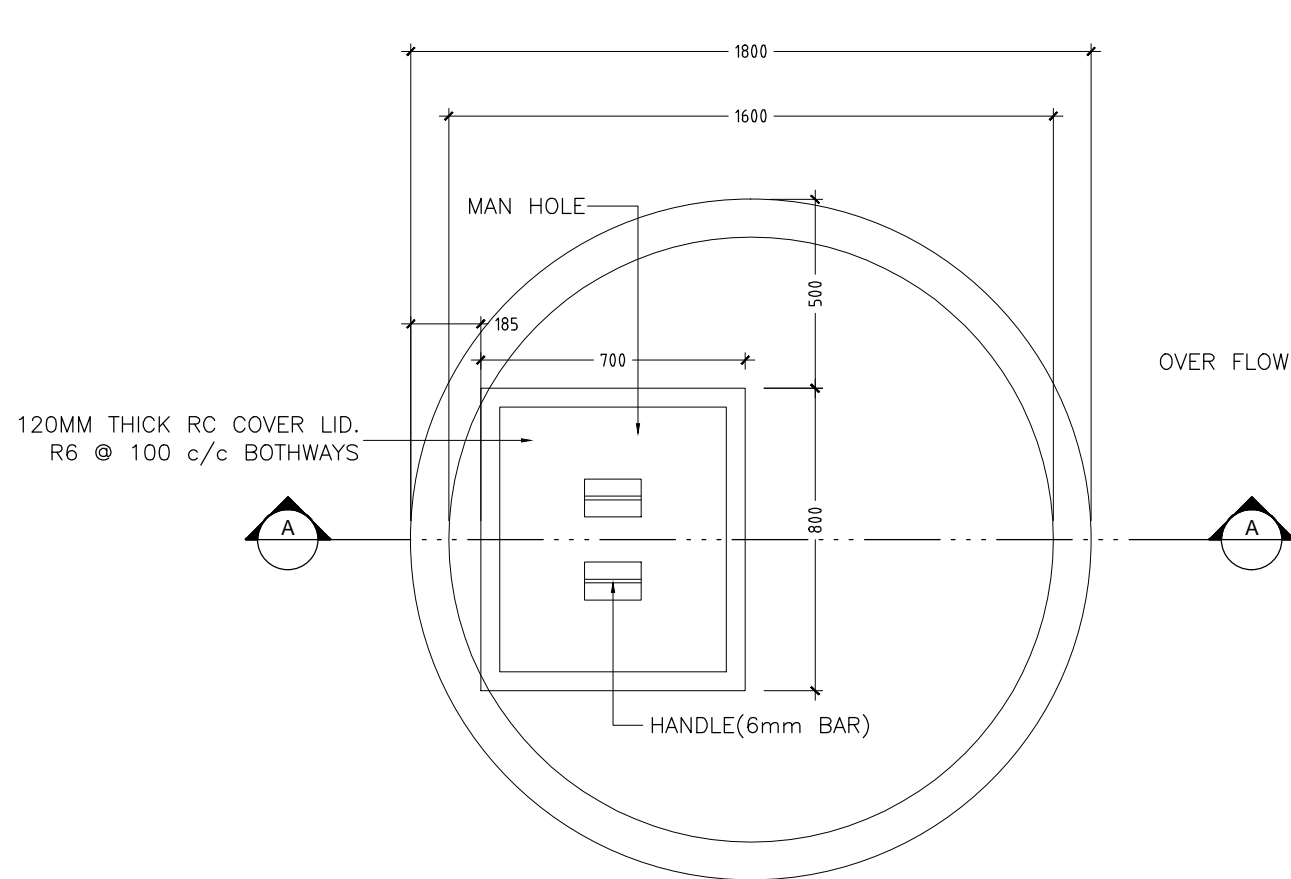
REVISION:

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

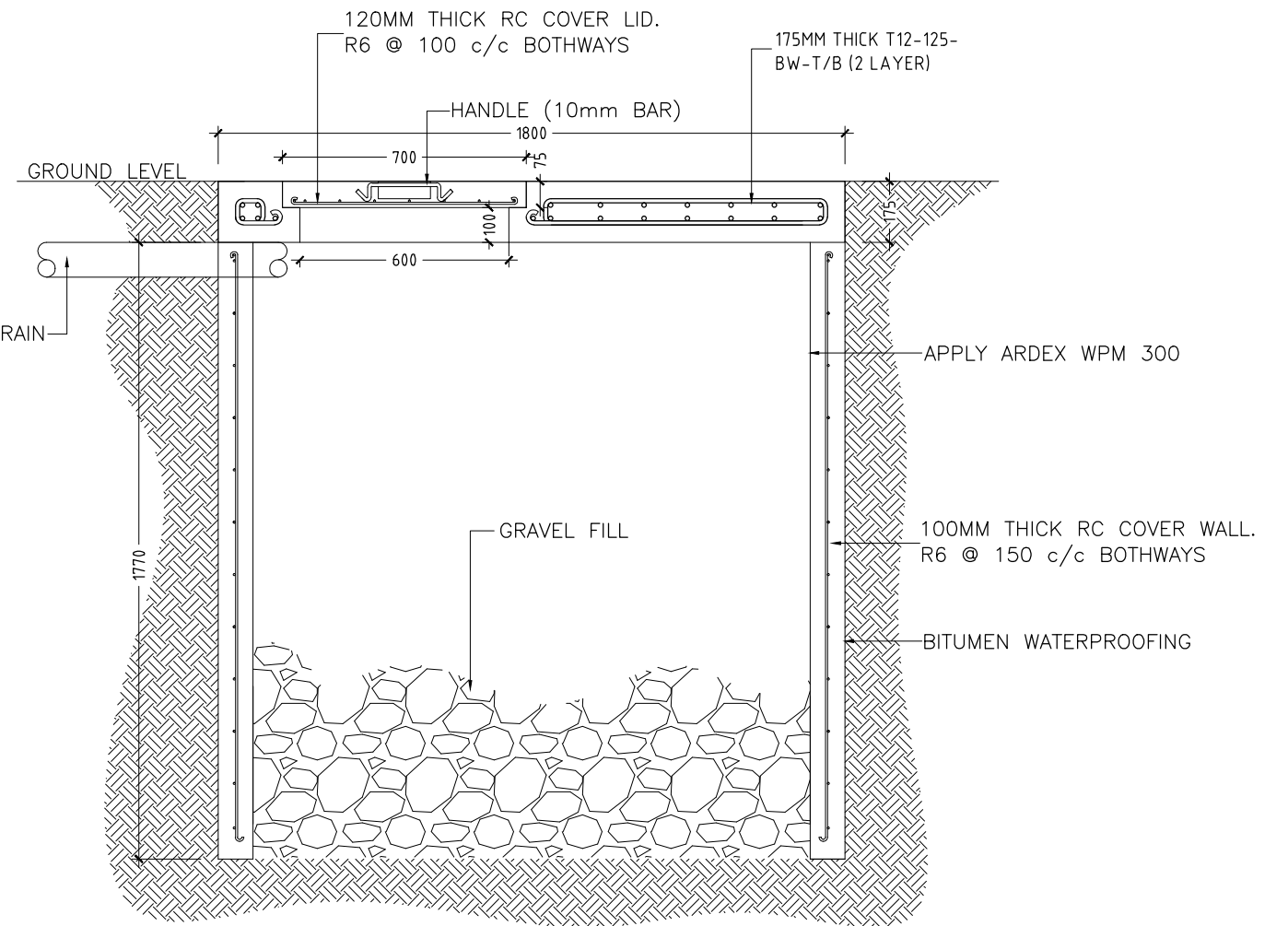
PROJECT: 3 STOREY-12 CLASSROOM BLOCK
LOCATION: G.D.H. ATOLL SCHOOL
DRAWING TITLE: AS GIVEN
CLIENT:
SCALE: AS GIVEN DIMENSION: MM DATE: FEBRUARY 2016

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

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



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

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

ArchEng
studio

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

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: 3 STOREY-12 CLASSROOM BLOCK	P-06
	ENGINEER: MOHAMED AHSAN	LOCATION: G.D.H. ATOLL SCHOOL	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT:	
	DRAWN BY: SHAMHAD	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
	L12	EXIT SIGN

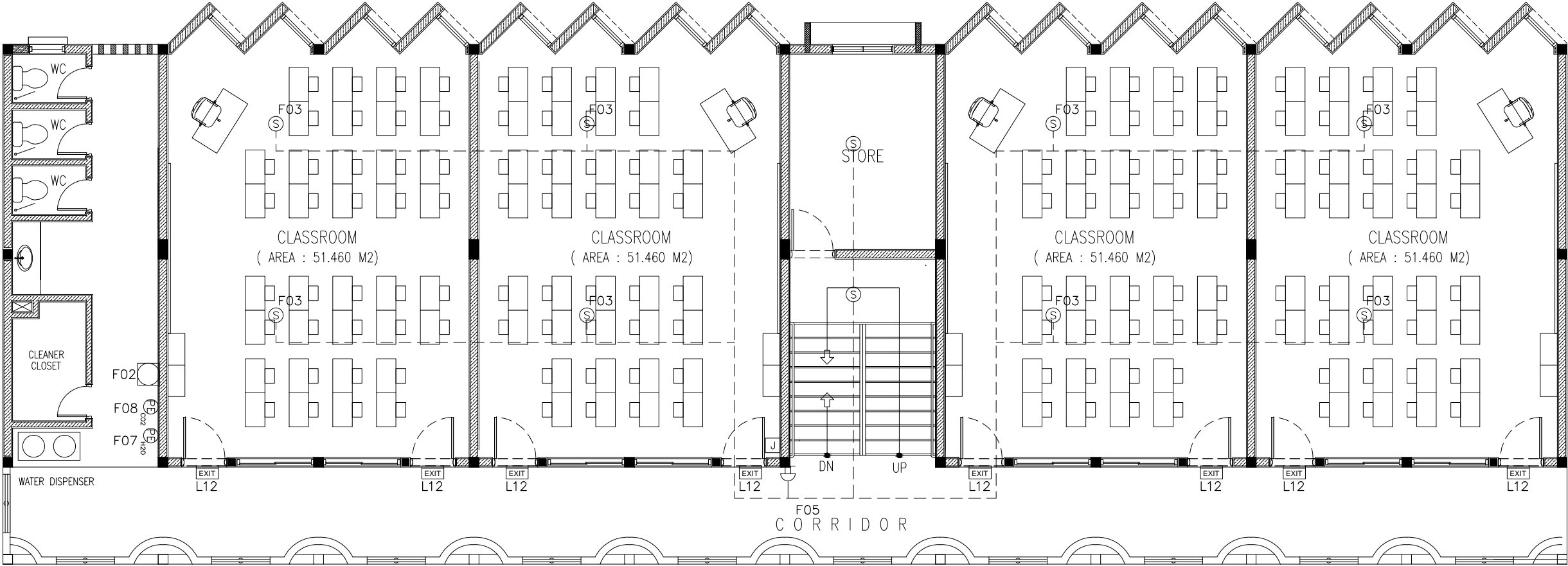
NOTE: ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUITE

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



GROUND FLOOR FIRE SAFETY
PLAN
SCALE 1:100

REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:			F-01
	ENGINEER:	MOHAMED AHSAN	LOCATION:			
	SERVICES ENG:		DRAWING TITLE:			
	ESTIMATOR:		CLIENT:			
	DRAWN BY:	SHAMHAD	SCALE: AS GIVEN			
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						PROJECT NO.: 15-041



LEGEND

SYMBOL	CODE	DESCRIPTION
	F02	BREAK GLASS MANUAL CALL POINT
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	F10	CONVENTIONAL FIRE ALARM PANEL
	L12	EXIT SIGN

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

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:	3 STOREY-12 CLASSROOM BLOCK			F-02			
	ENGINEER:	MOHAMED AHSAN		LOCATION:	G.DH. ATOLL SCHOOL						
	SERVICES ENG:			DRAWING TITLE:	AS GIVEN						
	ESTIMATOR:			CLIENT:							
	DRAWN BY:	SHAMHAD		SCALE:	AS GIVEN	DIMENSION:	MM		DATE:	FEBRUARY 2016	DWG NO:
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