

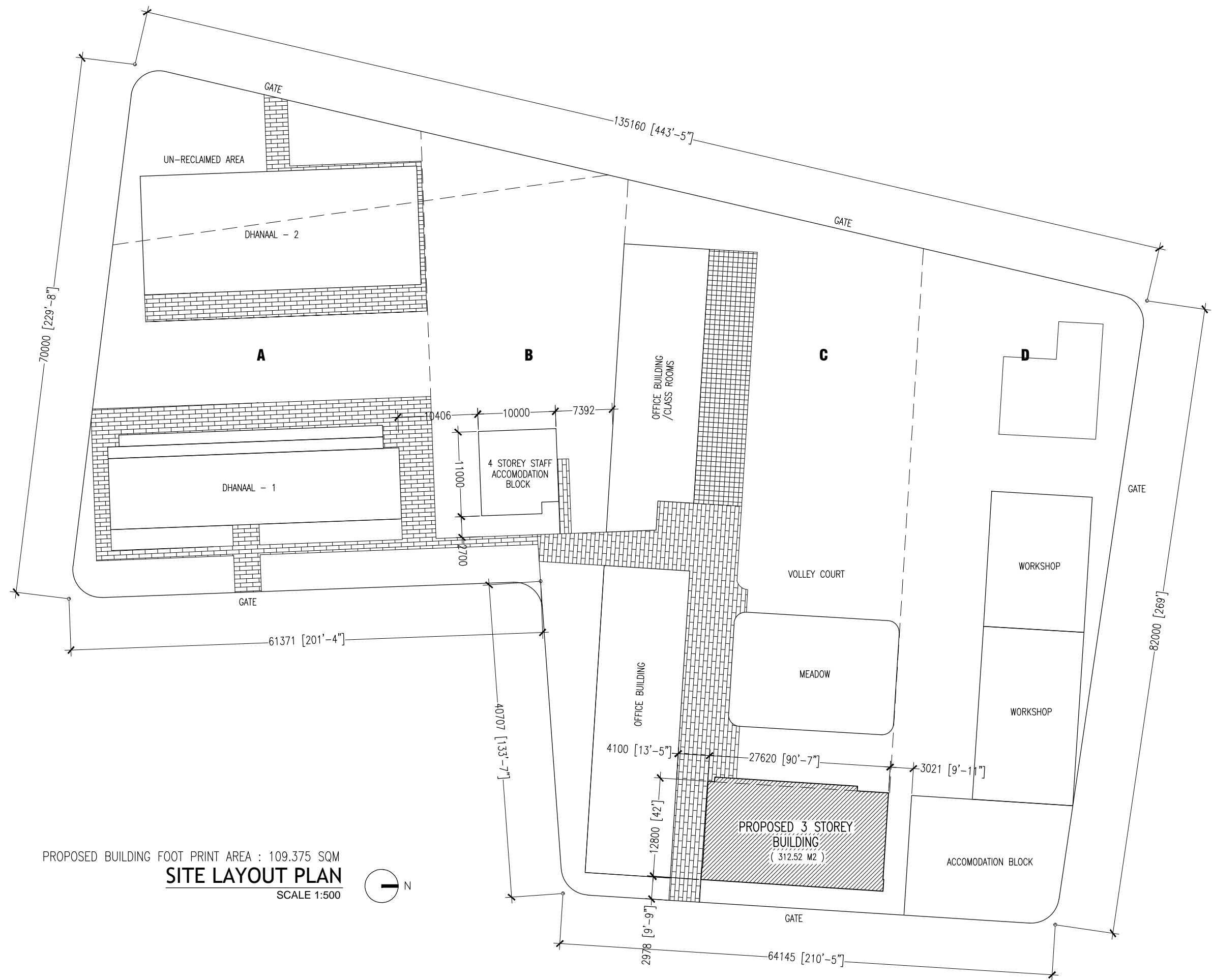
Proposed 3 Storey School Building at Hdh Kulhudufushi

Architectural and Structural Drawings

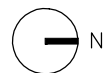
31th May 2015

Client : The Maldives National University





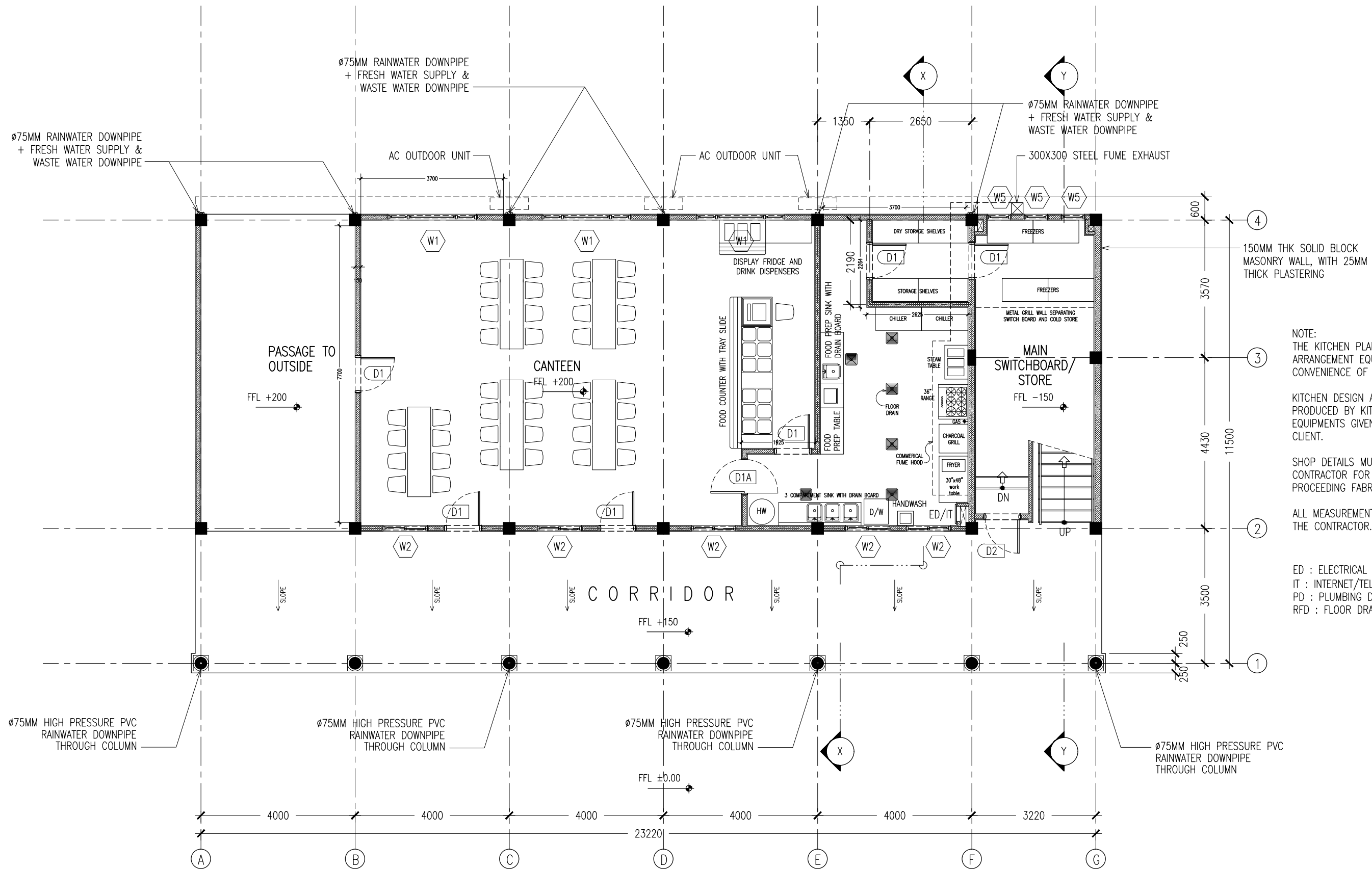
PROPOSED BUILDING FOOT PRINT AREA : 109.375 SQM
SITE LAYOUT PLAN
SCALE 1:500



CONTRACTORS MUST
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SCALE READINGS

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: 3 STOREY SCHOOL BUILDING	A-01
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MALDIVES COLLEGE OF HIGHER EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	
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		DATE: 06TH OCTOBER 2013	PROJECT NO.: 13-080



GROUND FLOOR LAYOUT PLAN
SCALE 1:100

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REVISION:

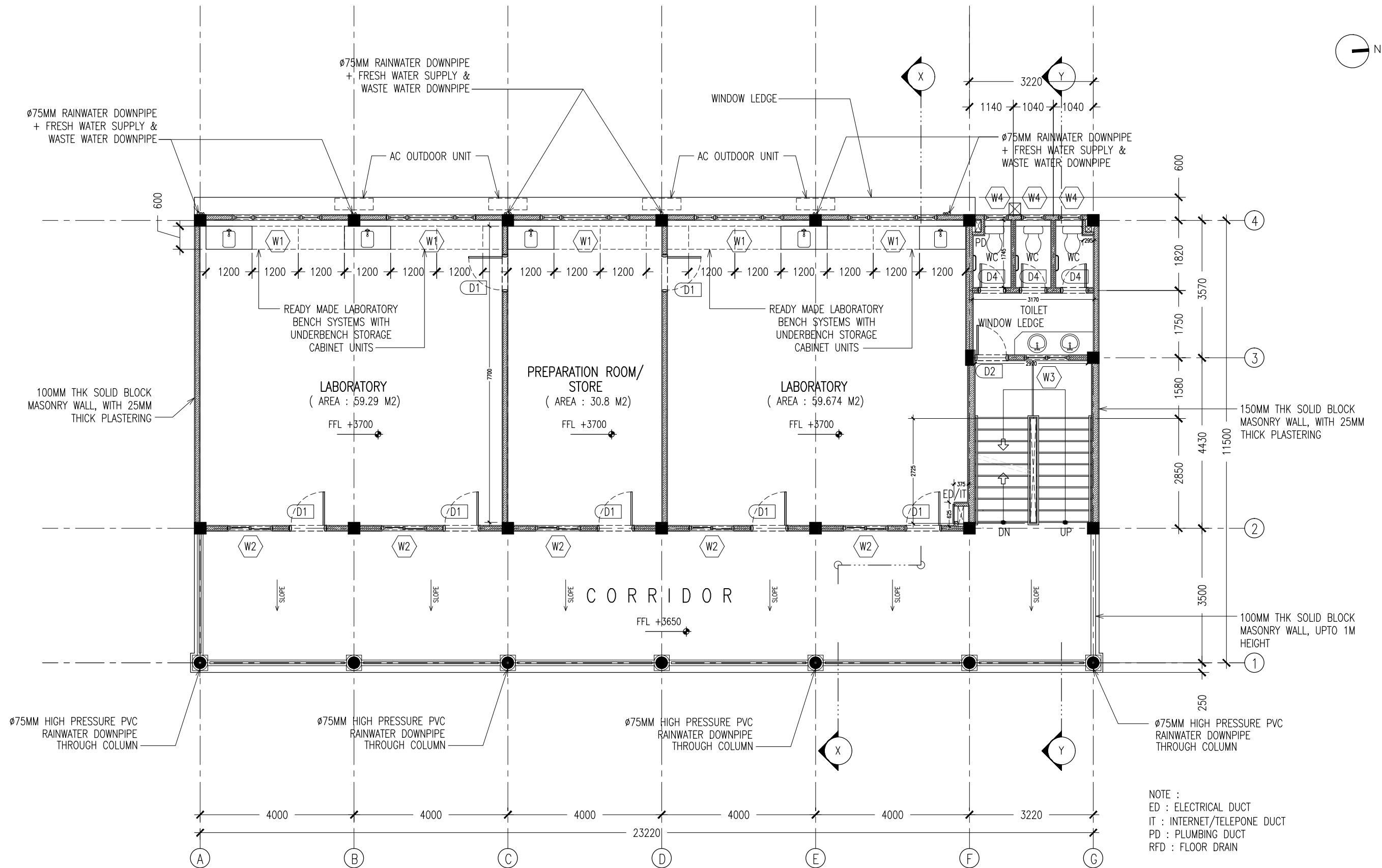
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED ALI
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: THREE STOREY SCHOOL BUILDING
LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN
DIMENSION: MM
DATE: 31TH MAY 2015

A-02
DWG NO

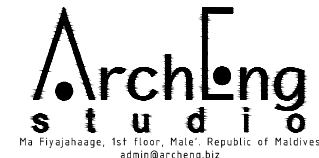
PROJECT NO.: 13-080

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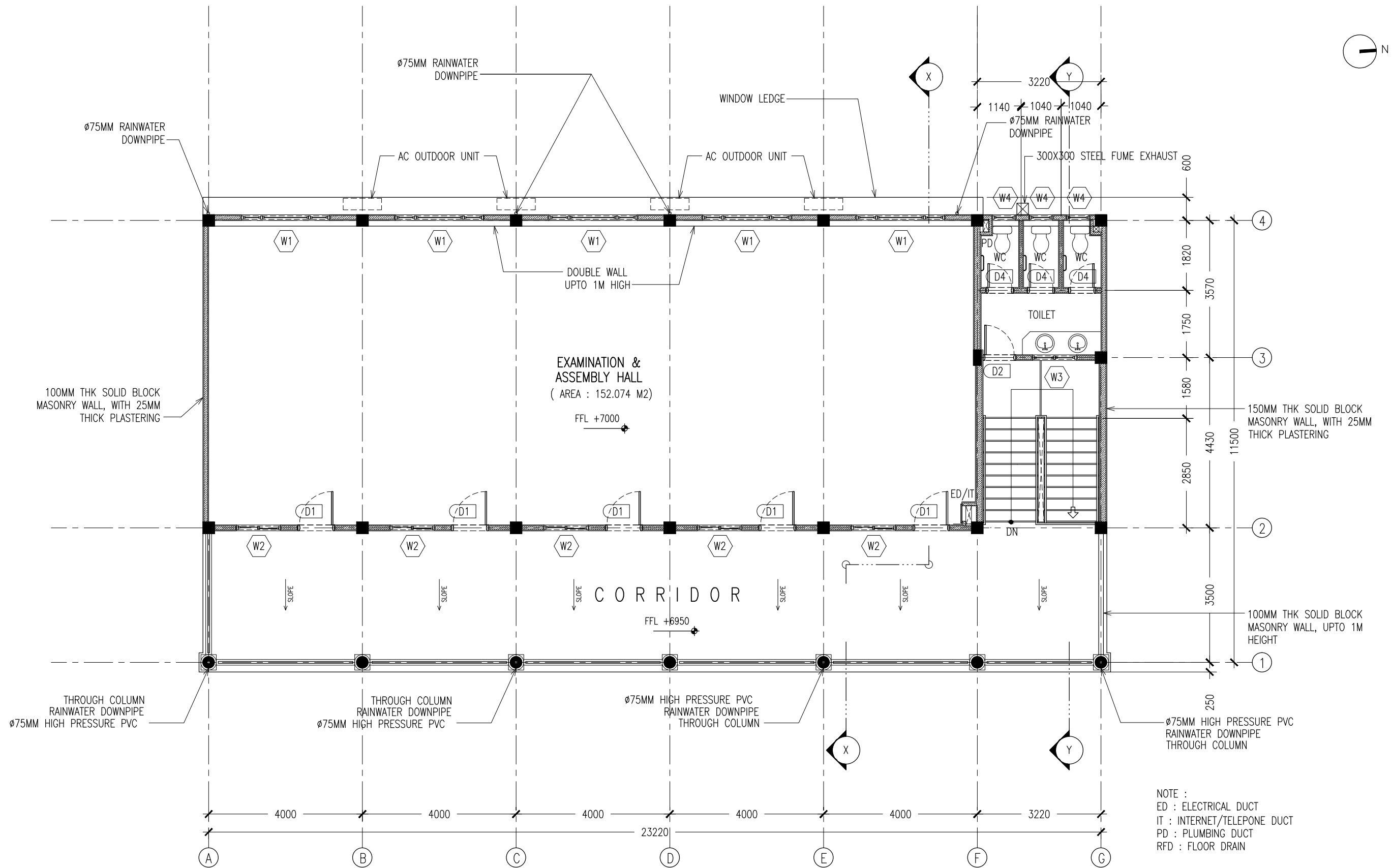
FIRST FLOOR LAYOUT PLAN
SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDING	A-03
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUTHUFUSHI, MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	
		DIMENSION: MM	DATE: 31TH MAY 2015
			DWG NO
			PROJECT NO.: 13-080

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SECOND FLOOR LAYOUT PLAN
SCALE 1:100

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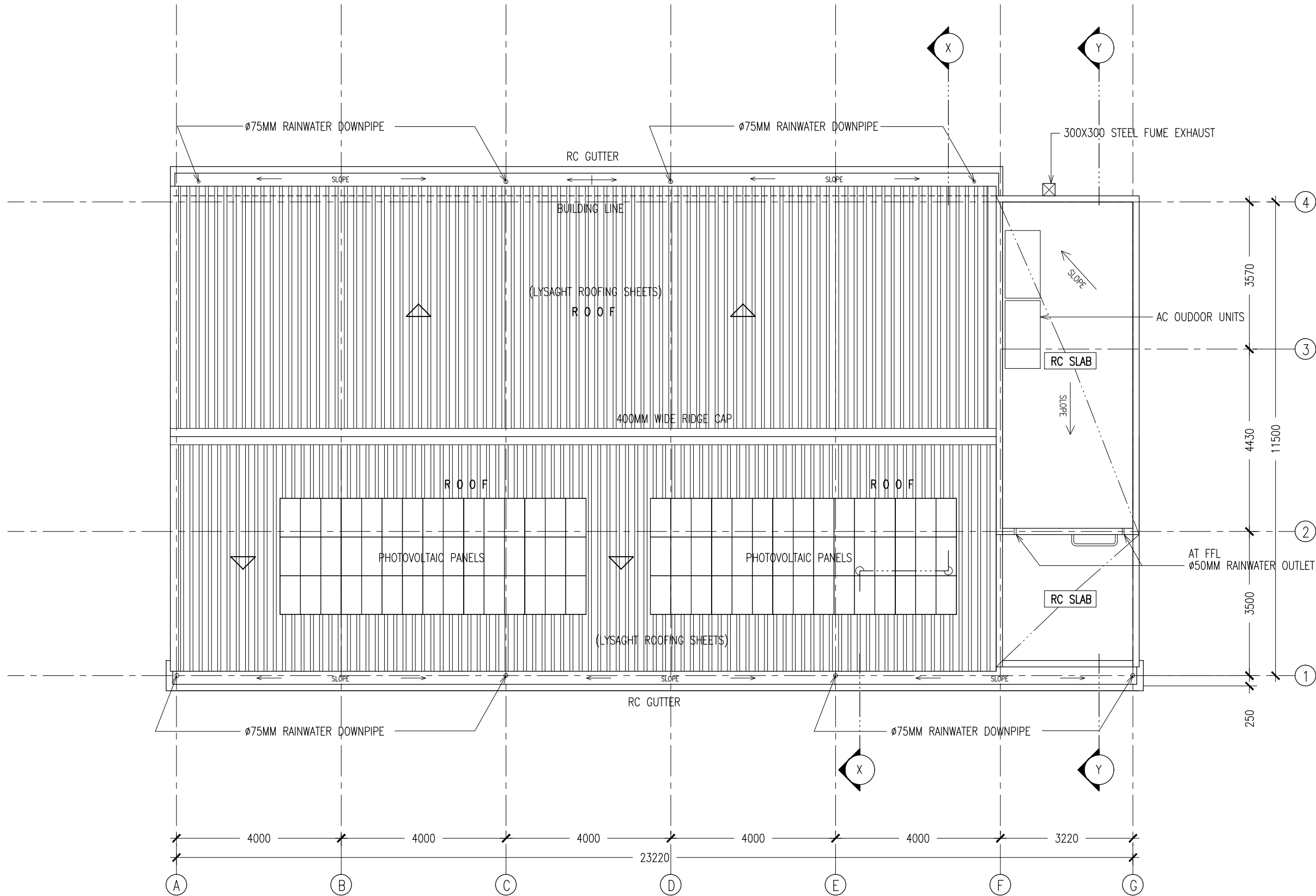
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REVISION:
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED ALI
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: THREE STOREY SCHOOL BUILDING
LOCATION: HDH. KULHUDHUFUSHI, MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

A-04
DWG NO
PROJECT NO.: 13-080

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ROOF LAYOUT PLAN
SCALE 1:100

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SCALE READINGS



REVISION:

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

PROJECT: THREE STOREY SCHOOL BUILDNG
LOCATION: HDH. KULHUDHUHFUSHI , MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

A-06

DWG NO
PROJECT NO.: 13-080

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FRONT ELEVATION PLAN

SCALE 1:100

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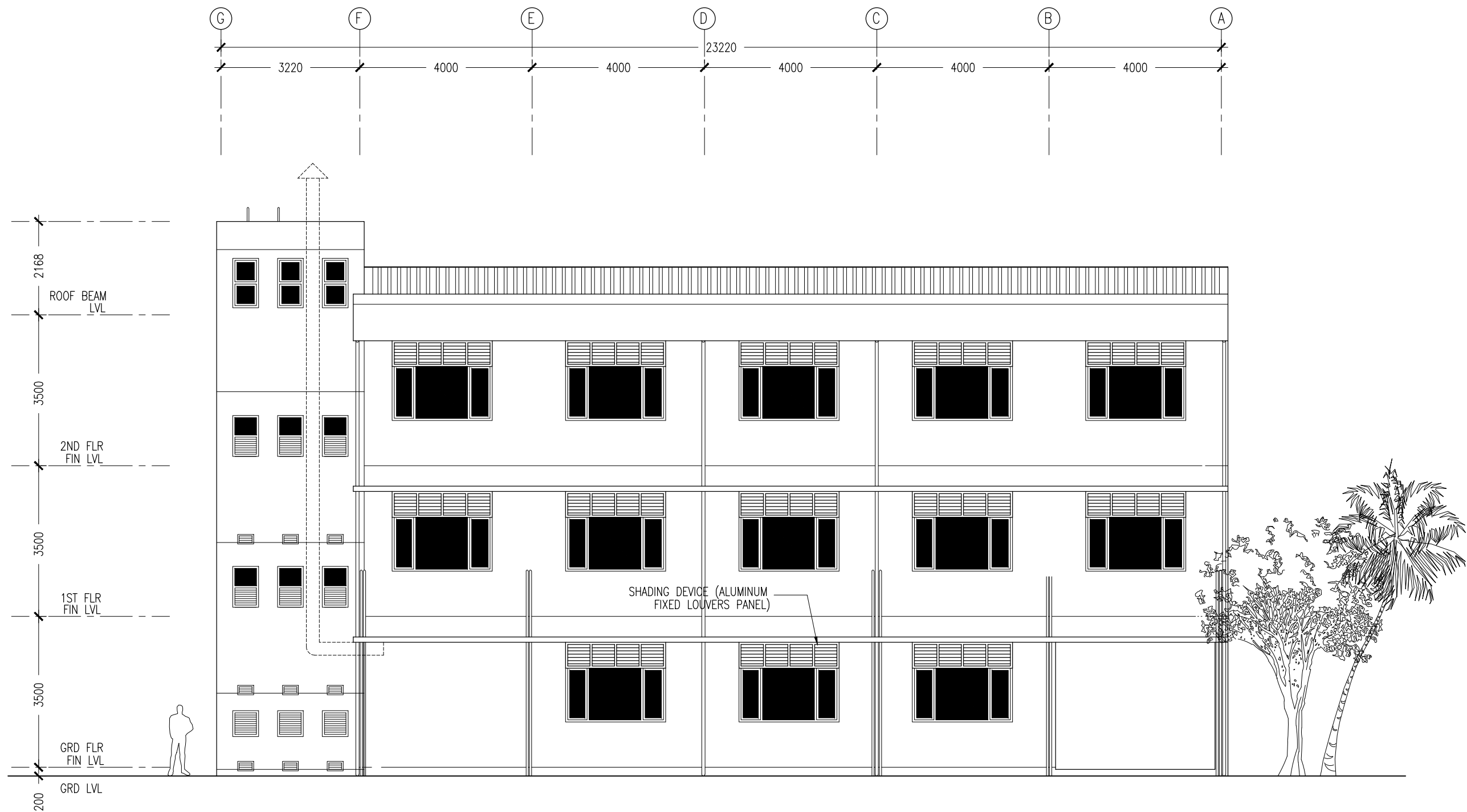
REVISION:

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

PROJECT: THREE STOREY SCHOOL BUILDING
LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

A-07
DWG NO
PROJECT NO.: 13-080

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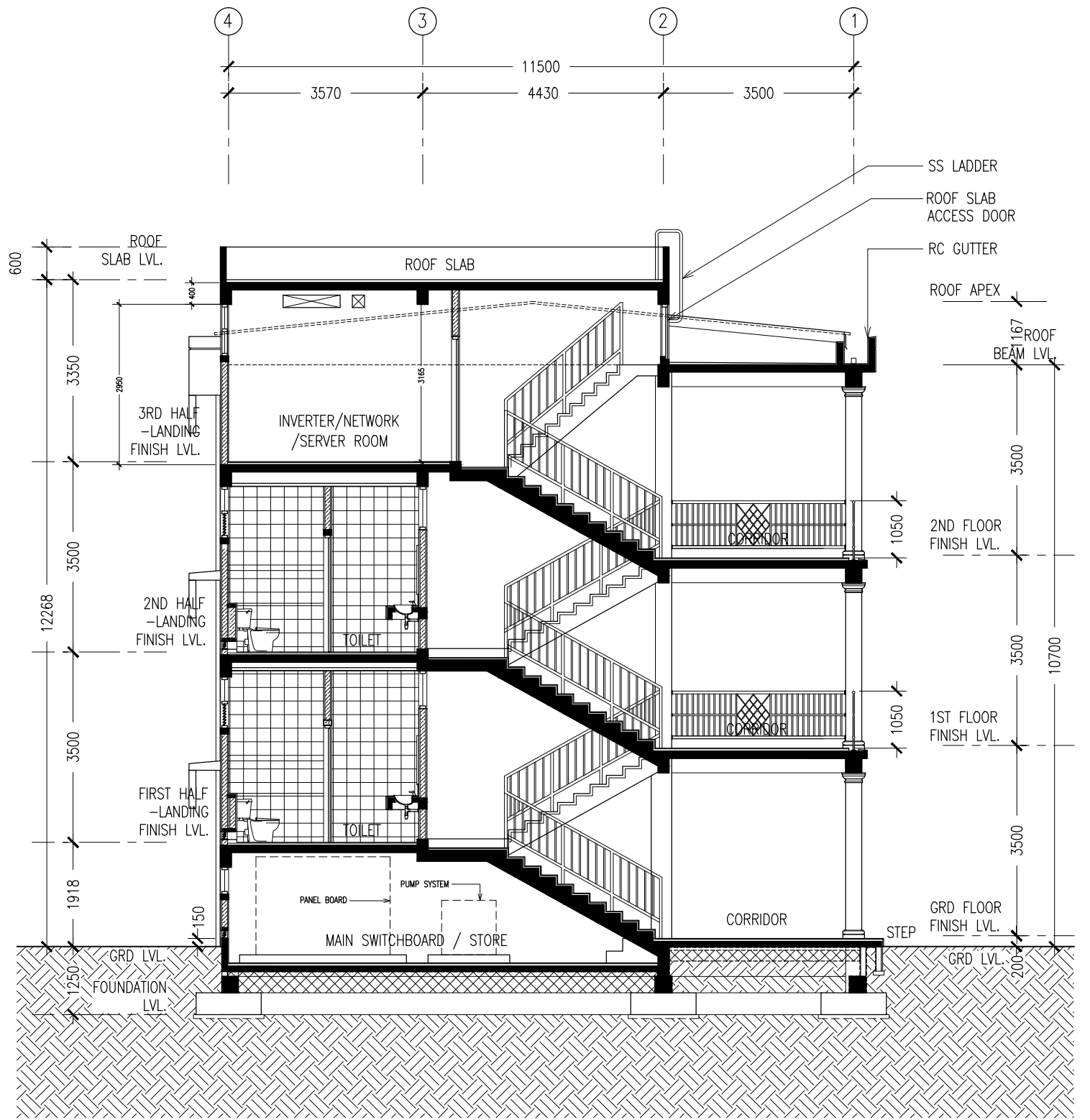
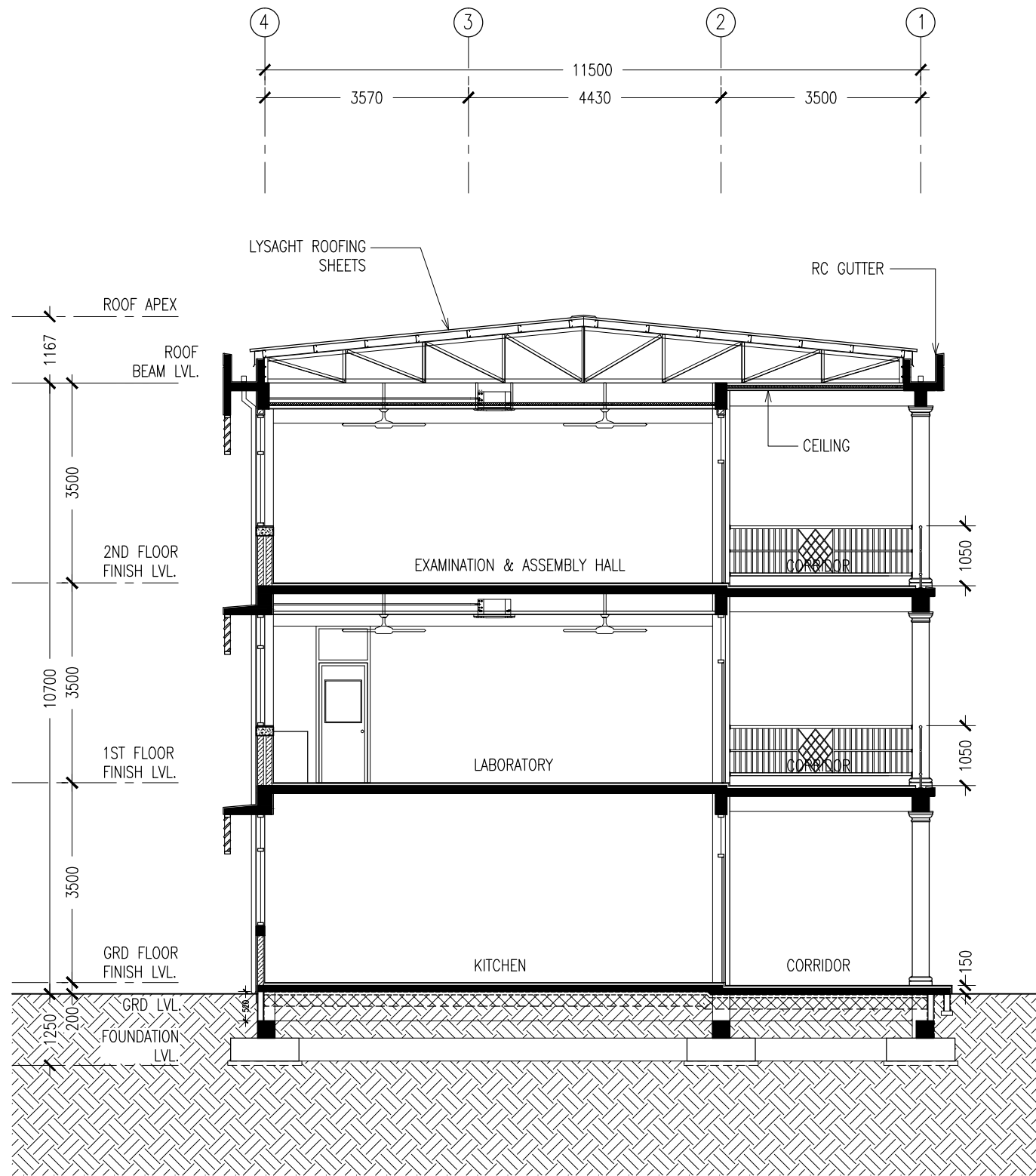


REAR ELEVATION PLAN
SCALE 1:100

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REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	THREE STOREY SCHOOL BUILDING			A-08
	ENGINEER:	MOHAMED ALI	LOCATION:	HDH. KULHUDHUHFUSHI , MALDIVES			
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN			
	ESTIMATOR:		CLIENT:	THE MALDIVES NATIONAL UNIVERSITY			
	DRAWN BY:	ASFAN AHMED	SCALE: AS GIVEN	DIMENSION: MM	DATE: 31TH MAY 2015	DWG NO	
PROJECT NO.: 13-080							
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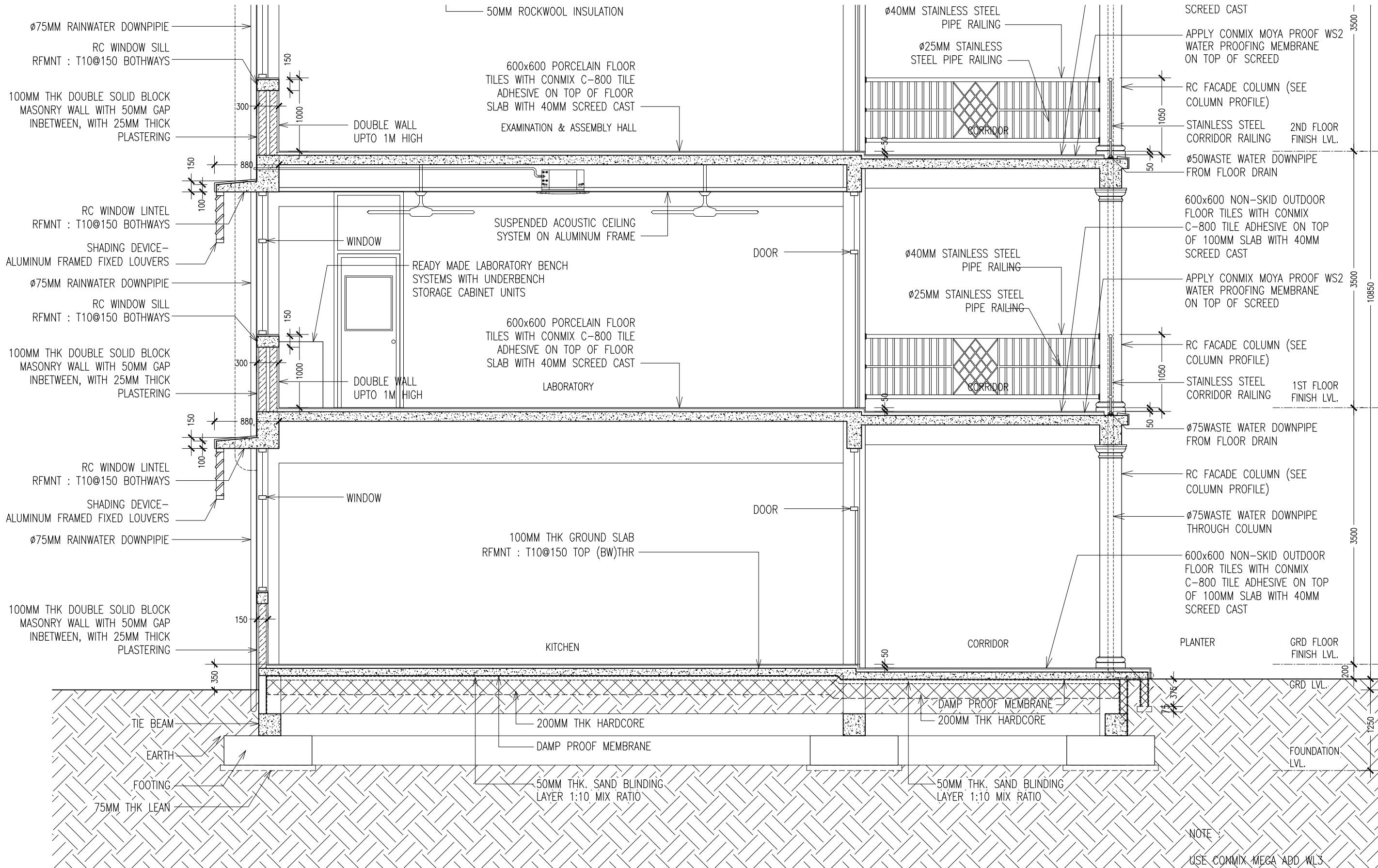
REVISION:

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

PROJECT: THREE STOREY SCHOOL BUILDING
LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

A-09
DWG NO
PROJECT NO.: 13-080

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SECTION DETAIL X-X (1)
SCALE 1:50

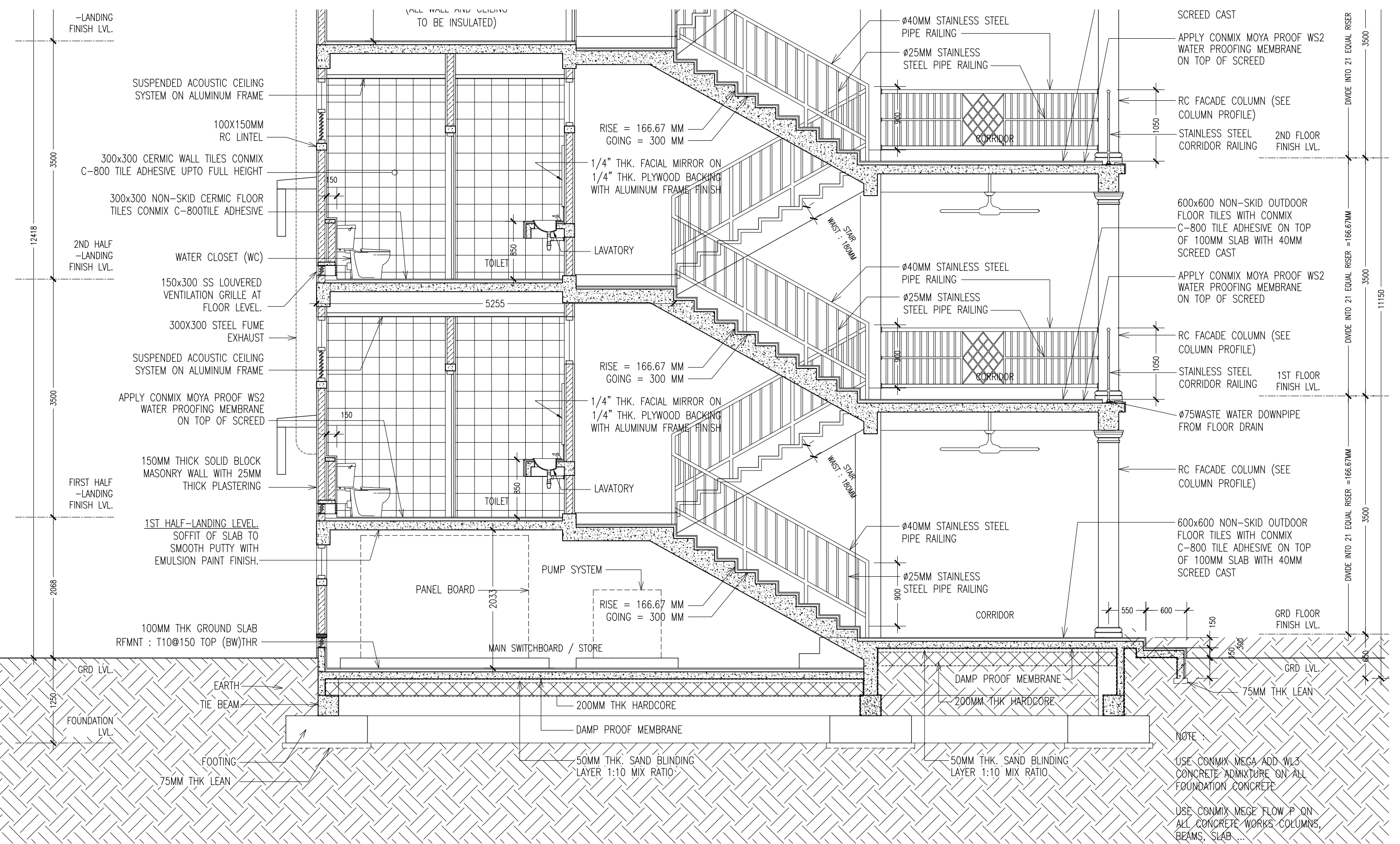
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FOUNDATION CONCRETE

USE CONMIX MEGA FLOW P ON
ALL CONCRETE WORKS COLUMNS,
BEAMS, SLAB ...

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDNG	A-10
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUFUSHI , MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015	
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SECTION DETAIL Y-Y (1)

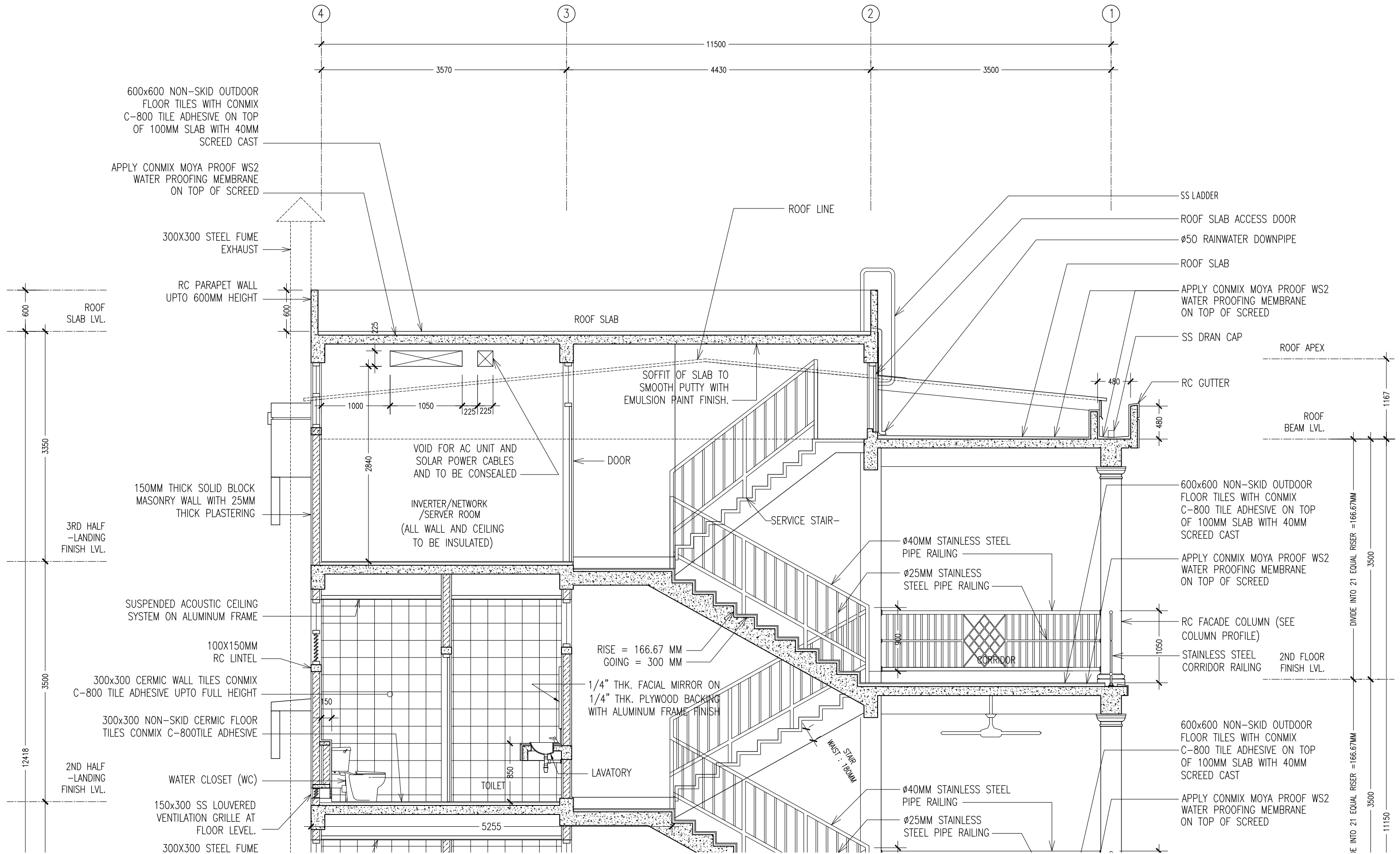
SCALE 1:50

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DIMENSIONS TO TAKE
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SCALE READINGS



REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	THREE STOREY SCHOOL BUILDING			A-12	
	ENGINEER:	MOHAMED ALI	LOCATION:	HDH. KULHUDHUHFUSHI , MALDIVES				
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN				
	ESTIMATOR:		CLIENT:	THE MALDIVES NATIONAL UNIVERSITY				
	DRAWN BY:	ASFAN AHMED	SCALE:	AS GIVEN	DIMENSION:	MM		DATE:
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								PROJECT NO.: 13-080

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SECTION DETAIL Y-Y (2)
SCALE 1:50

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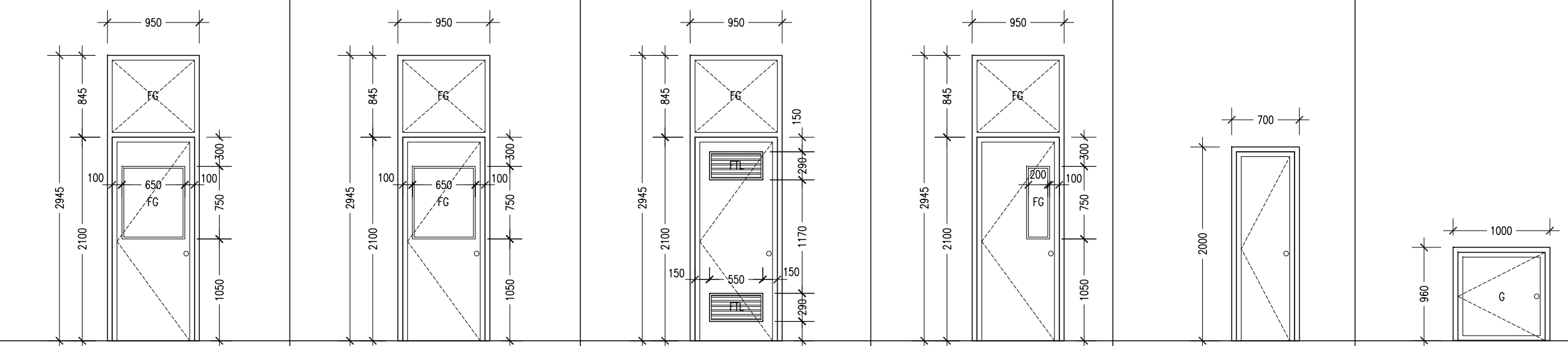


REVISION:	

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

PROJECT:	THREE STOREY SCHOOL BUILDING
LOCATION:	HDH. KULHUDHUHFUSHI , MALDIVES
DRAWING TITLE:	AS GIVEN
CLIENT:	THE MALDIVES NATIONAL UNIVERSITY
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	31TH MAY 2015

A-13
DWG NO
PROJECT NO.: 13-080

ELEVATIONS :						
	<div>200</div>					
DR / WD NO.	D1D1AD2D3D4D5 – SERVICE DOOR					
DESCRIPTION :	40MM THICK OPENABLE SOLID TIMBER DOOR PANEL40MM THICK OPENABLE SOLID TIMBER DOOR PANEL40MM THICK OPENABLE SOLID TIMBER DOOR PANEL40MM THICK OPENABLE SOLID TIMBER DOOR PANEL40MM THICK OPENABLE SOLID TIMBER DOOR PANELALUMINUM FRAMED DOOR PANEL					
FRAME :	120MM TIMBER FRAME120MM TIMBER FRAME120MM TIMBER FRAME120MM TIMBER FRAME120MM TIMBER FRAME80 MICRON WHITE POWDER COATED ALUMINIUM FRAME					
HARDWARE :	DOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDERDOUBLE HINGE DOORDOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDERDOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDERDOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDER					
GLAZING :	C–4MM ALL FIXED PANELS TO BE DOUBLE GLAZEDC–4MM ALL FIXED PANELS TO BE DOUBLE GLAZEDC–4MM ALL FIXED PANELS TO BE DOUBLE GLAZEDC–4MM ALL FIXED PANELS TO BE DOUBLE GLAZEDC–4MM ALL FIXED PANELS TO BE DOUBLE GLAZEDC–5MM THICK BLUE TINTED GLASS					

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.

ALL DOUBLE GLAZED DOORS/WINDOWS TO HAVE A GAP 10MM BETWEEN GLAZING

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

DOOR 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: THREE STOREY SCHOOL BUILDING			<div>A-14</div> <div>DWG NO</div> <div>PROJECT NO.: 13-080</div>
	ENGINEER: MOHAMED ALI		LOCATION: HDH. KULHUDHUHFUSHI , MALDIVES			
	SERVICES ENG:		DRAWING TITLE: AS GIVEN			
	ESTIMATOR:		CLIENT: THE MALDIVES NATIONAL UNIVERSITY			
	DRAWN BY: ASFAN AHMED		SCALE: AS GIVEN	DIMENSION: MM	DATE: 31TH MAY 2015	

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ELEVATIONS :						
FINISH FLOOR LEVEL						
DR / WD NO.	W1	W2	W3	W4	W5	
DESCRIPTION :	ALUMINUM FRAMED WINDOW PANEL	ALUMINUM FRAMED SLIDING WINDOW PANEL	ALUMINUM FRAMED TOP HUNG WINDOW PANEL	ALUMINUM FRAMED FIXED GLASS AND 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	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	
HARDWARE :						
GLAZING :	C-5MM THICK BLUE TINTED GLASS ALL FIXED PANELS TO BE DOUBLE GLAZED	C-5MM THICK BLUE TINTED GLASS ALL FIXED PANELS TO BE DOUBLE GLAZED	C-5MM THICK BLUE TINTED GLASS	C-5MM THICK BLUE TINTED GLASS		

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.

ALL DOUBLE GLAZED DOORS/WINDOWS TO HAVE A GAP 10MM BETWEEN GLAZING

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

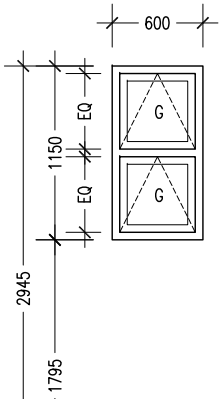
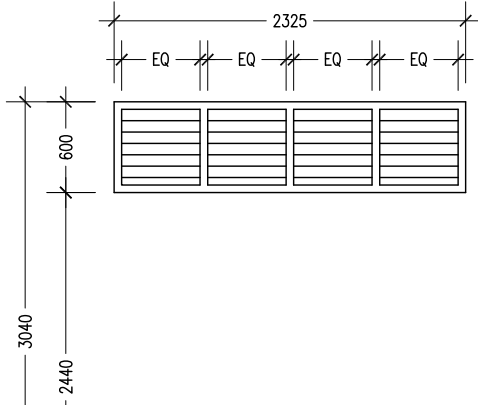
WINDOW SCHEDULE -1
SCALE 1:50

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDNG			<div>A-15</div>
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUHFUSHI , MALDIVES			
	SERVICES ENG:	DRAWING TITLE: AS GIVEN			
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY			
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN			
		DIMENSION: MM	DATE: 31TH MAY 2015	DWG NO	
					PROJECT NO.: 13-080

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ELEVATIONS :			
FINISH FLOOR LEVEL			
DR / WD NO.	W6	SHADING DEVICE	
DESCRIPTION :	ALUMINUM FRAMED TOP HUNG WINDOW PANEL	ALUMINUM FRAMED FIXED LOUVERS	
FRAME :	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	80 MICRON WHITE POWDER COATED ALUMINIUM FRAME	
HARDWARE :			
GLAZING :	C-5MM THICK BLUE TINTED GLASS		

ALL DOUBLE GLAZED DOORS/WINDOWS TO HAVE A GAP 10MM BETWEEN GLAZING

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

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

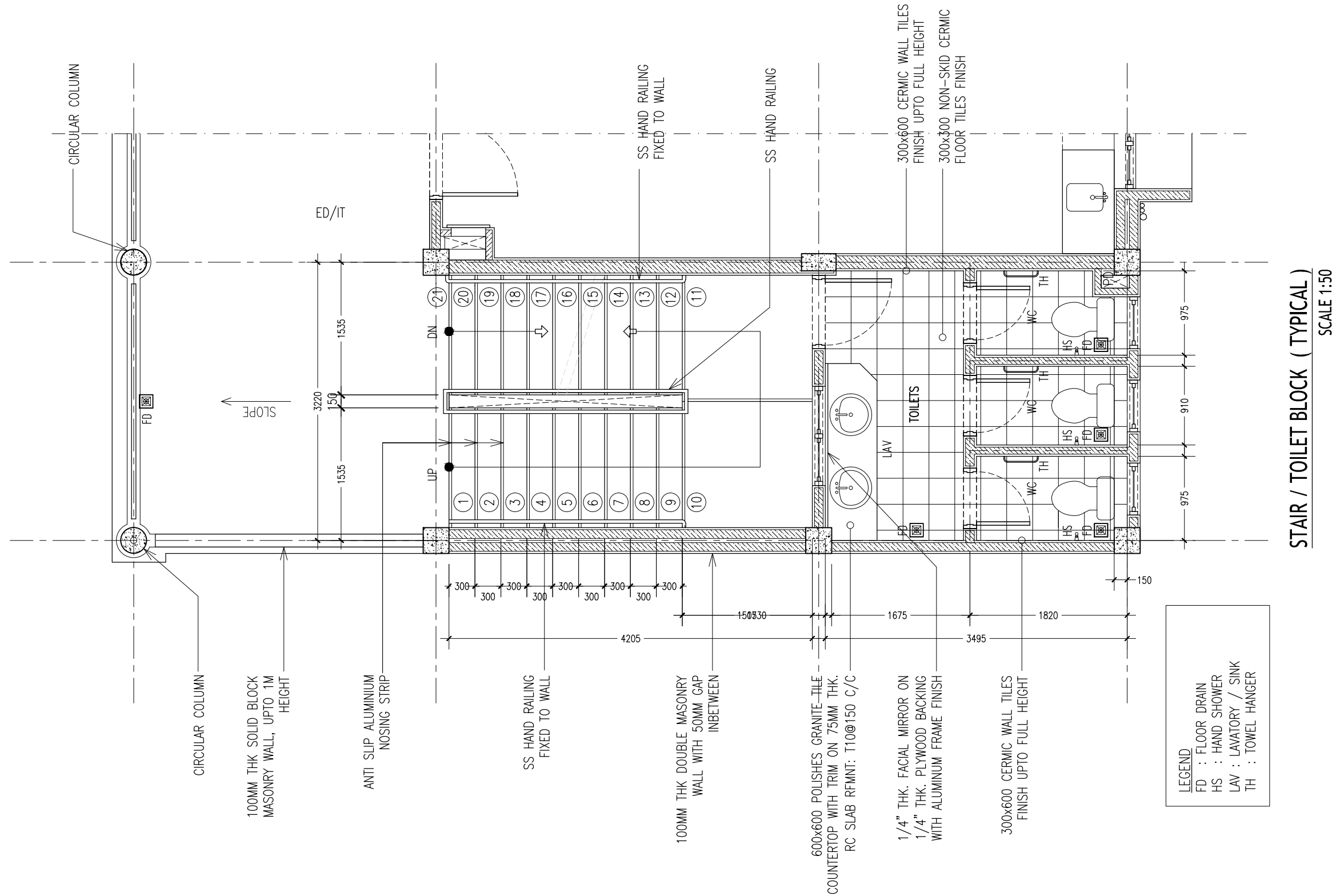
ALL TIMBER FOR WOODEN DOORS SHALL BE TREATED FOR THE USE IN INDOORS.

WINDOW SCHEDULE -2

SCALE 1:50

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDNG			<div>A-16</div> <div>DWG NO</div> <div>PROJECT NO.: 13-080</div>
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUHFUSHI , MALDIVES			
	SERVICES ENG:	DRAWING TITLE: AS GIVEN			
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY			
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	DIMENSION: MM	DATE: 31TH MAY 2015	



STAIR / TOILET BLOCK (TYPICAL)

SCALE 1:50

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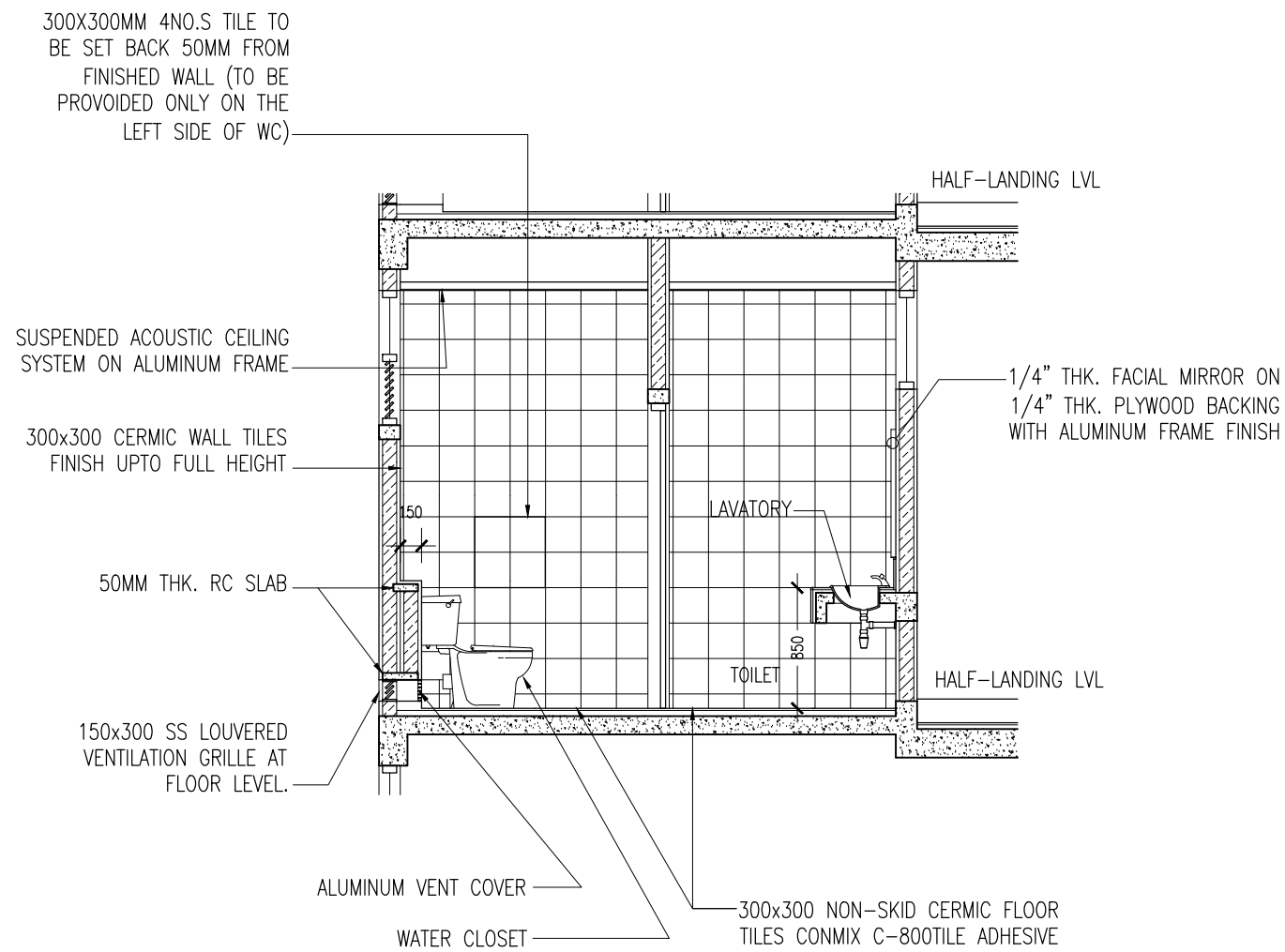
REVISION:

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

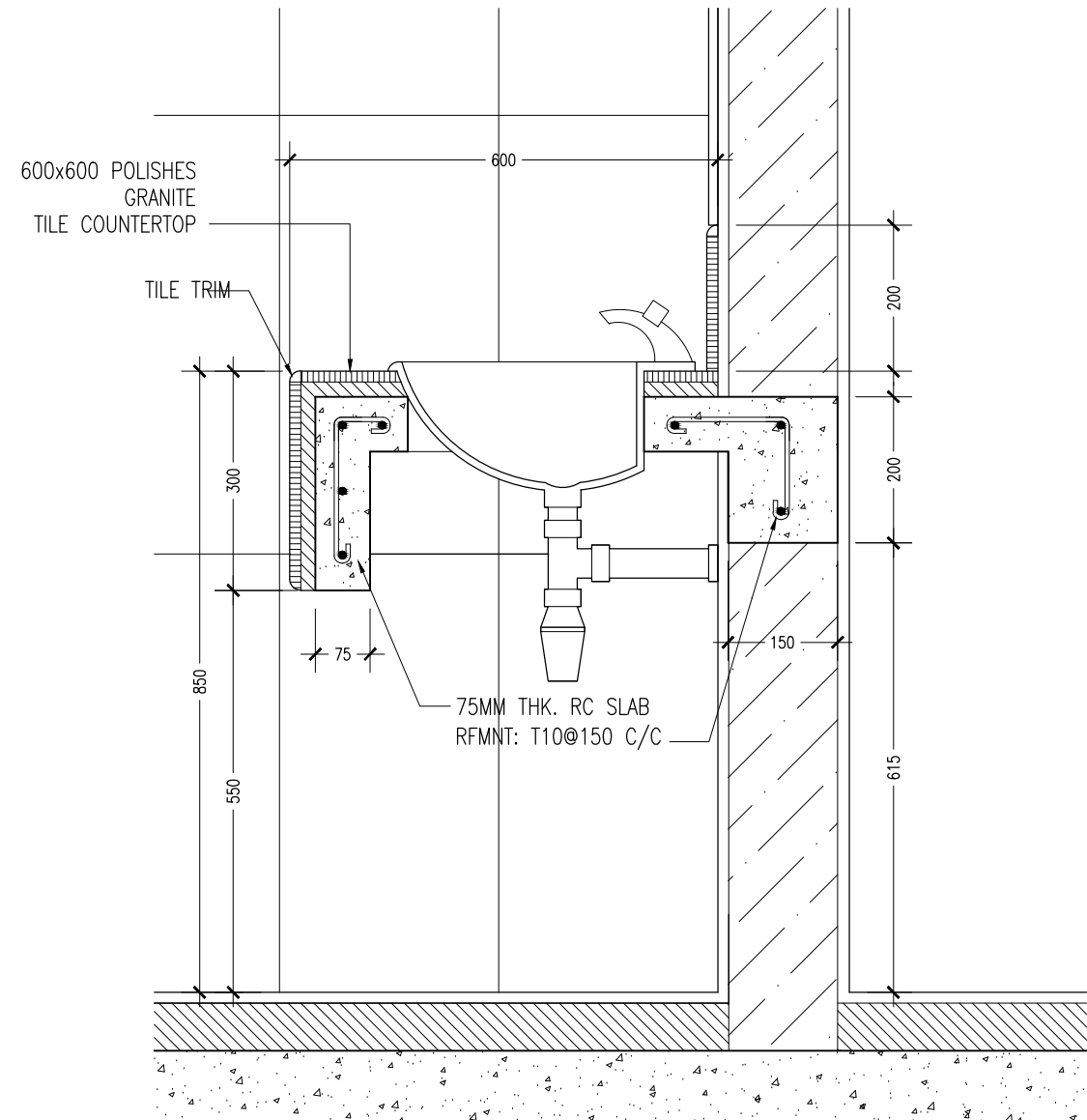
PROJECT:	THREE STOREY SCHOOL BUILDNG		
LOCATION:	HDH. KULHUDHUHFUSHI , MALDIVES		
DRAWING TITLE:	AS GIVEN		
CLIENT:	THE MALDIVES NATIONAL UNIVERSITY		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	31TH MAY 2015

A-17
DWG NO
PROJECT NO.: 13-080

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SECTION THROUGH TOILET BLOCK (TYPICAL)
SCALE 1:50



SECTION DETAILS G
SCALE 1:10

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REVISION:

ARCHITECT: MOHAMED HAMEEN

ENGINEER: MOHAMED ALI

SERVICES ENG:

ESTIMATOR:

DRAWN BY: ASFAN AHMED

PROJECT: THREE STOREY SCHOOL BUILDING

LOCATION: HDH. KULHUDHUFUSHI, MALDIVES

DRAWING TITLE: AS GIVEN

CLIENT: THE MALDIVES NATIONAL UNIVERSITY

SCALE: AS GIVEN

DIMENSION: MM

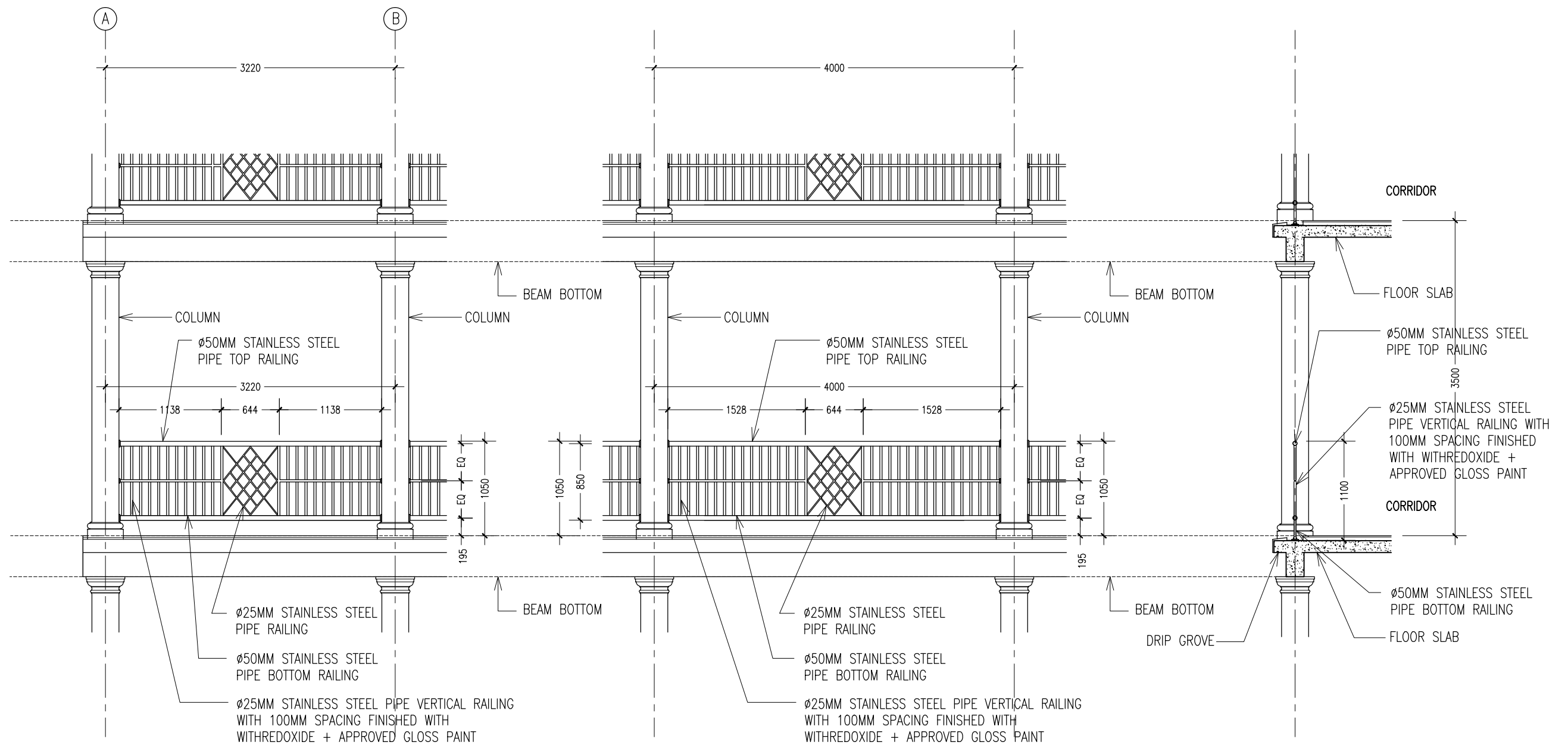
DATE: 31TH MAY 2015

A-18

DWG NO

PROJECT NO.: 13-080

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BALCONY RAILING DETAILS
SCALE 1:50

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PRECEDENCE OVER
SCALE READINGS

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

REVISION:

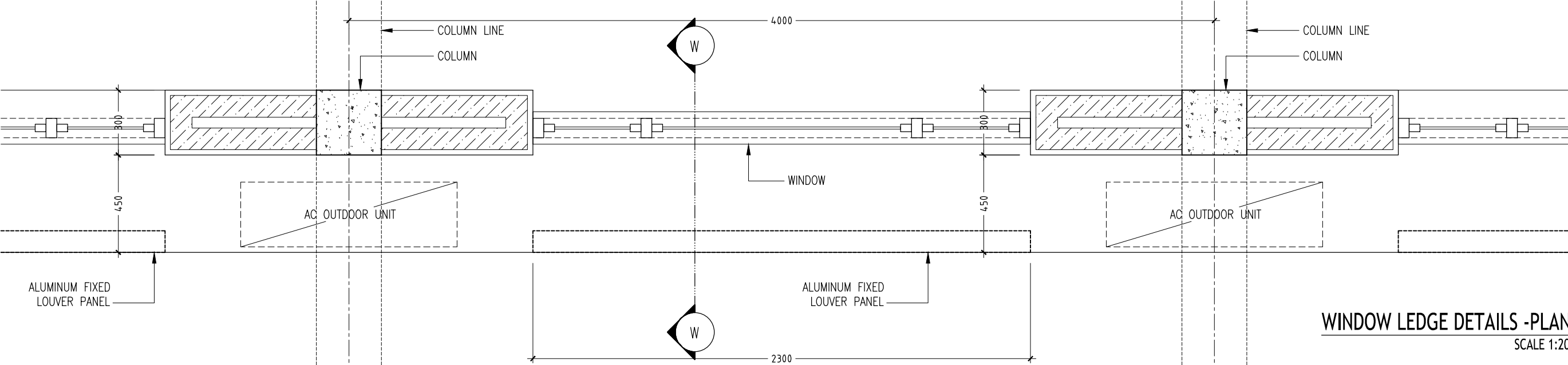
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED ALI
SERVICES ENG:
ESTIMATOR:
DRAWN BY: ASFAN AHMED

PROJECT: THREE STOREY SCHOOL BUILDING
LOCATION: HDH. KULHUDHUFUSHI, MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

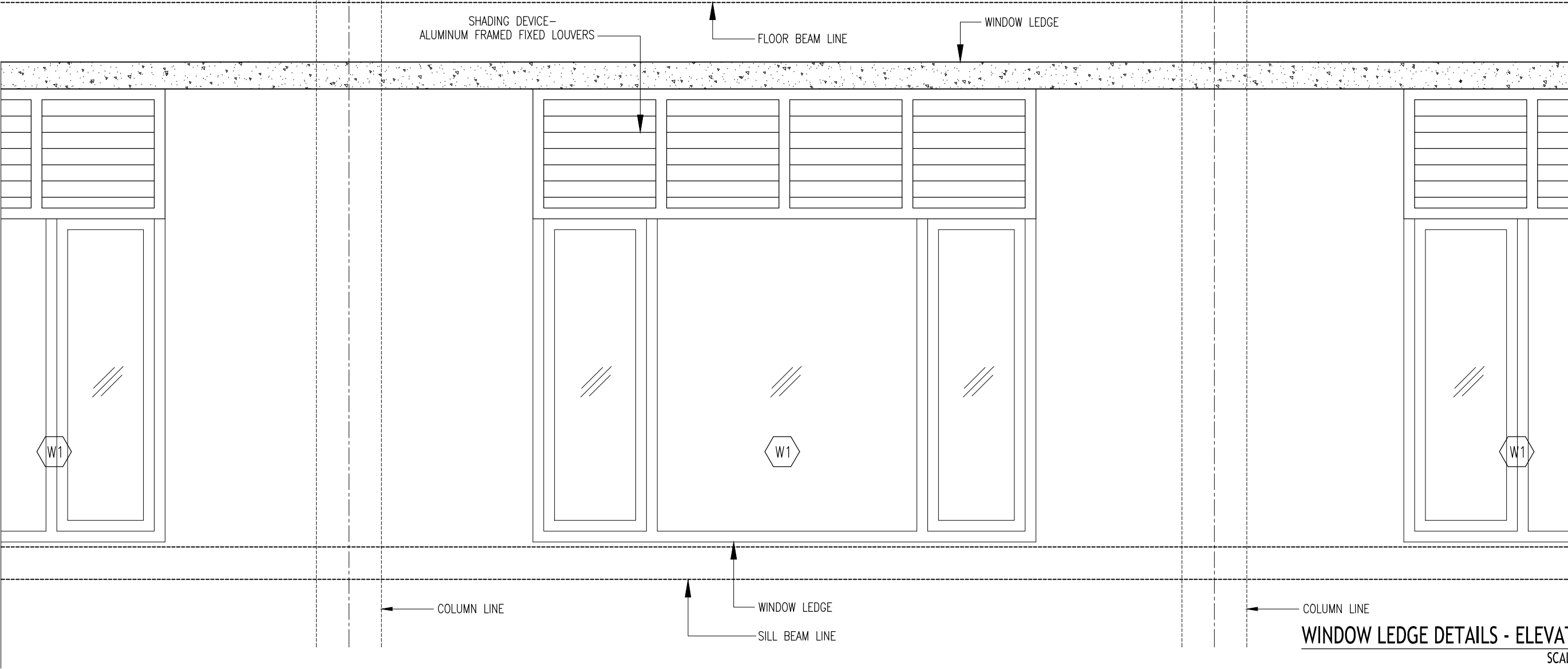
A-19

DWG NO
PROJECT NO.: 13-080

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WINDOW LEDGE DETAILS - PLAN
SCALE 1:20



WINDOW LEDGE DETAILS - ELEVATION
SCALE 1:20

CONTRACTORS MUST
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REVISION:	

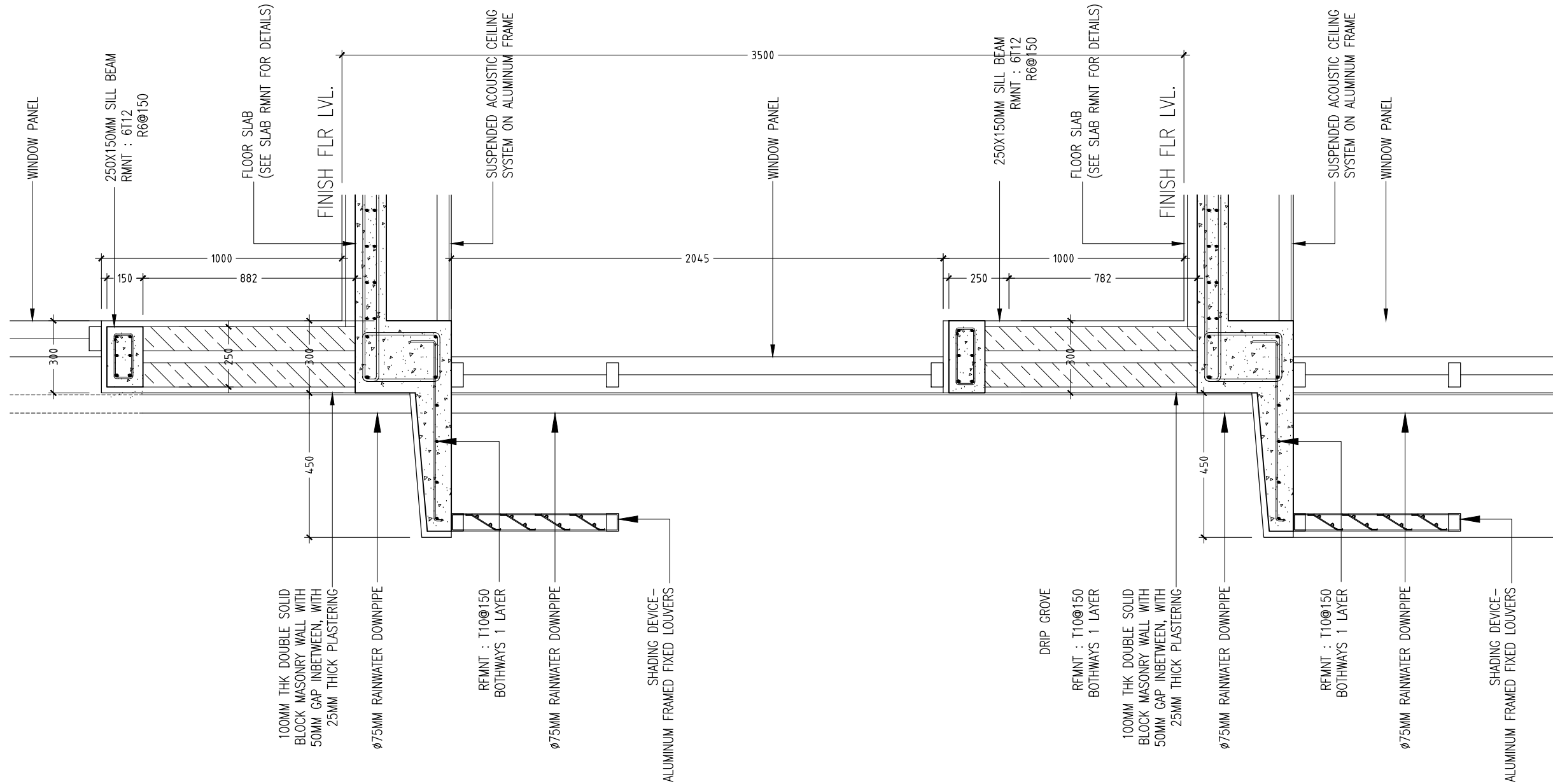
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED ALI
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

PROJECT:	THREE STOREY SCHOOL BUILDING		
LOCATION:	HDH. KULHUDHUHFUSHI, MALDIVES		
DRAWING TITLE:	AS GIVEN		
CLIENT:	THE MALDIVES NATIONAL UNIVERSITY		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	31TH MAY 2015

A-20

DWG NO
PROJECT NO.: 13-080

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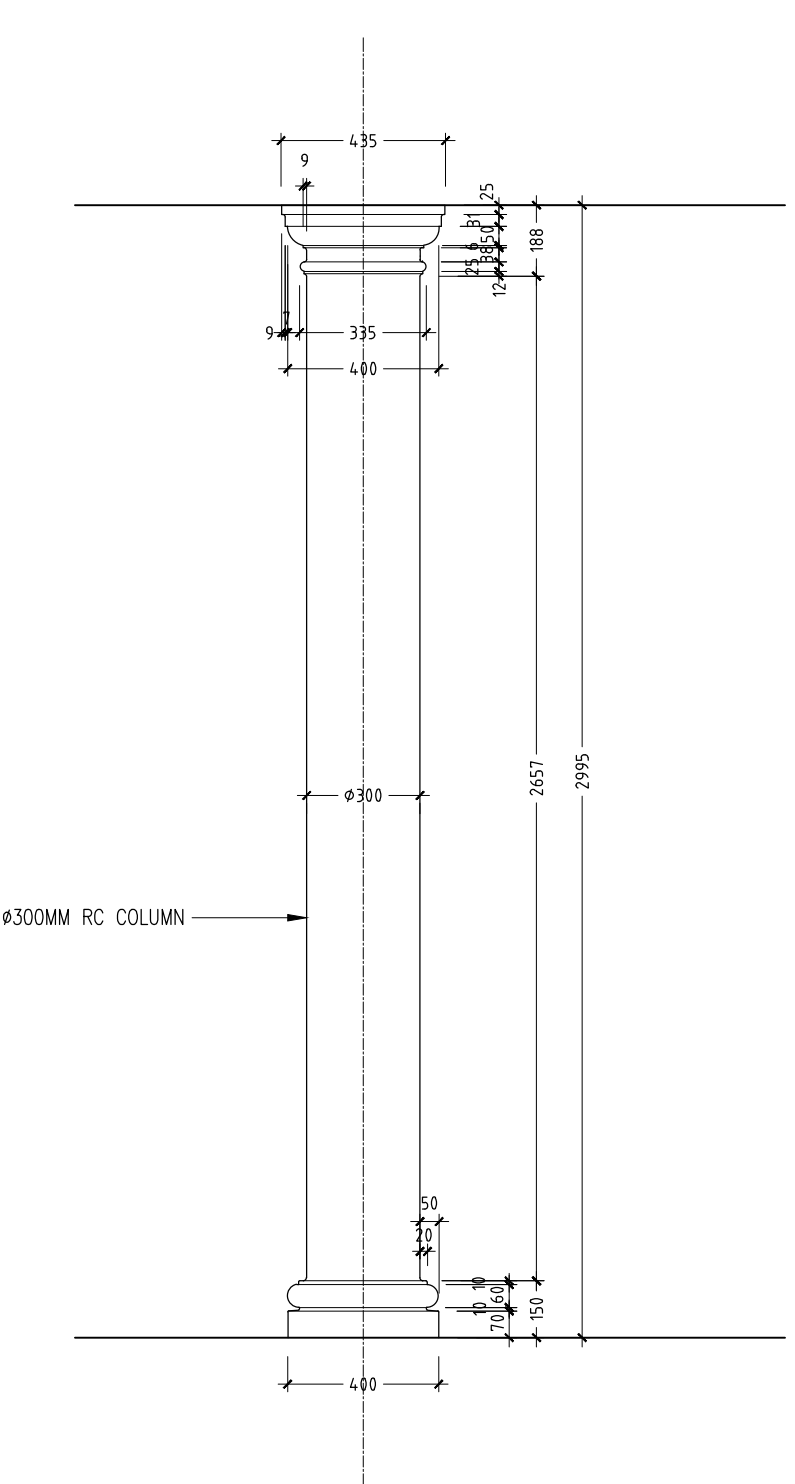
WINDOW LEDGE SECTION DETAILS W-W

SCALE 1:20

CONTRACTORS MUST
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DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

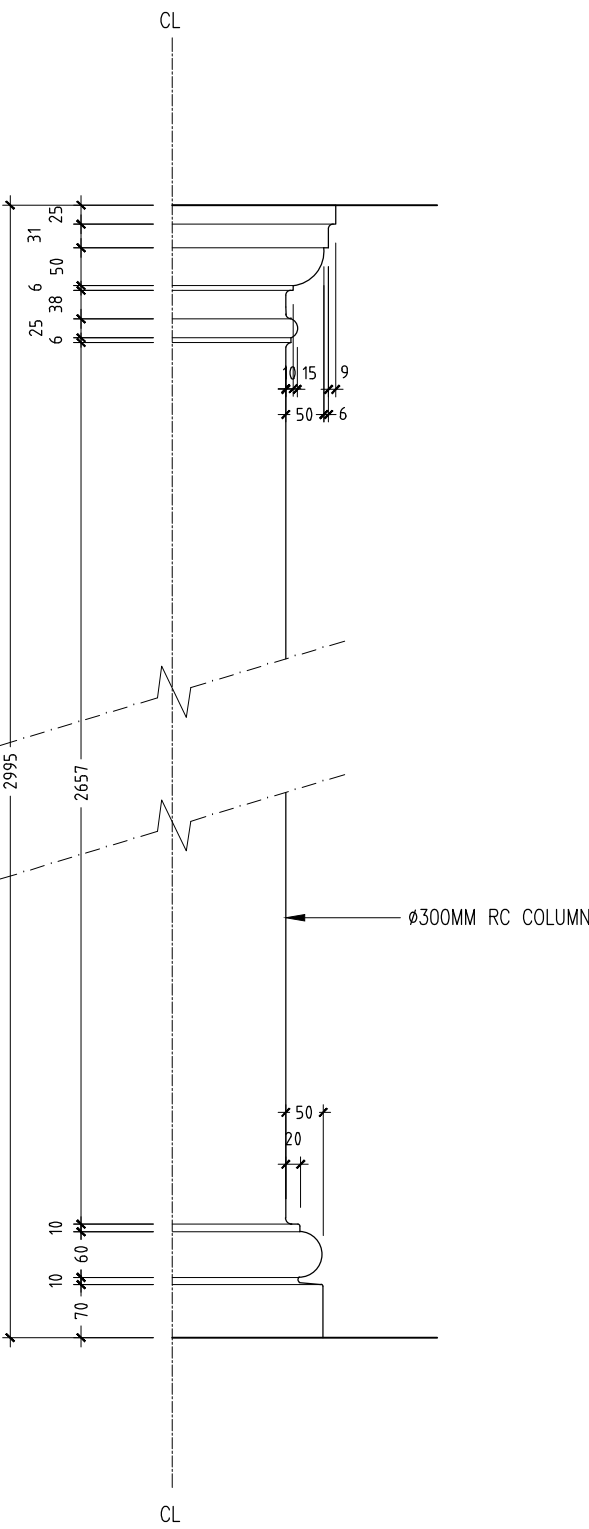


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDNG	A-21
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUHFUSHI , MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015	
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ø300MM RC COLUMN

COLUMN PROFILE-1
SCALE 1:20



ø300MM RC COLUMN

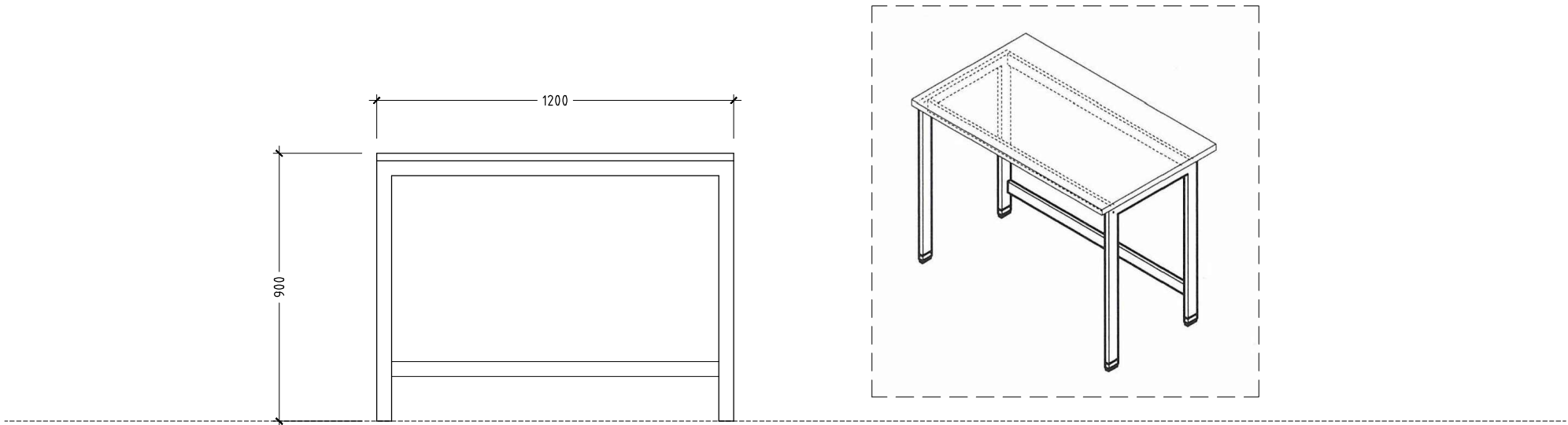
COLUMN PROFILE-2
SCALE 1:10

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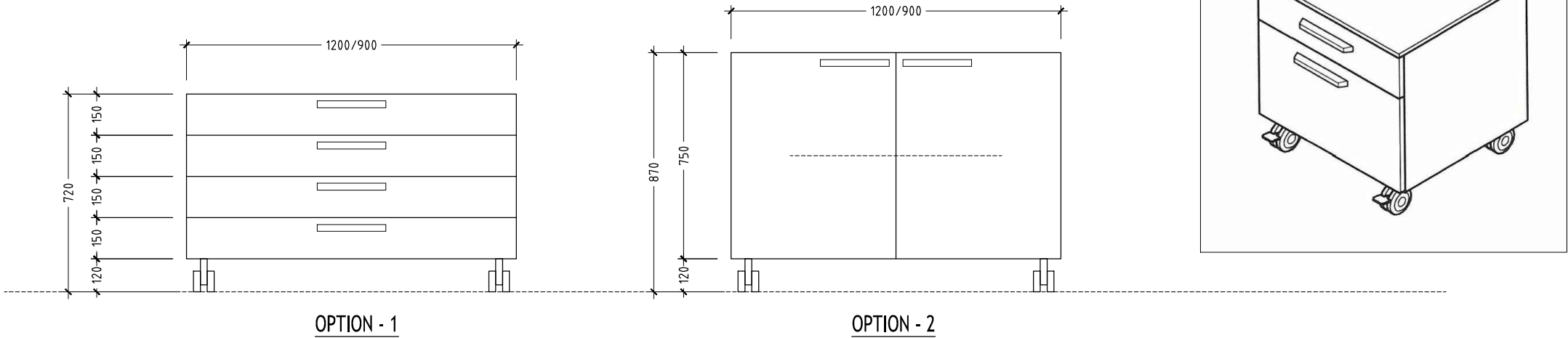


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDING	A-22
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUFUSHI , MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	DWG NO
		DIMENSION: MM	PROJECT NO.: 13-080
		DATE: 31TH MAY 2015	

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LABORATORY BENCH WITH H-FRAME DETAILS
SCALE 1:20



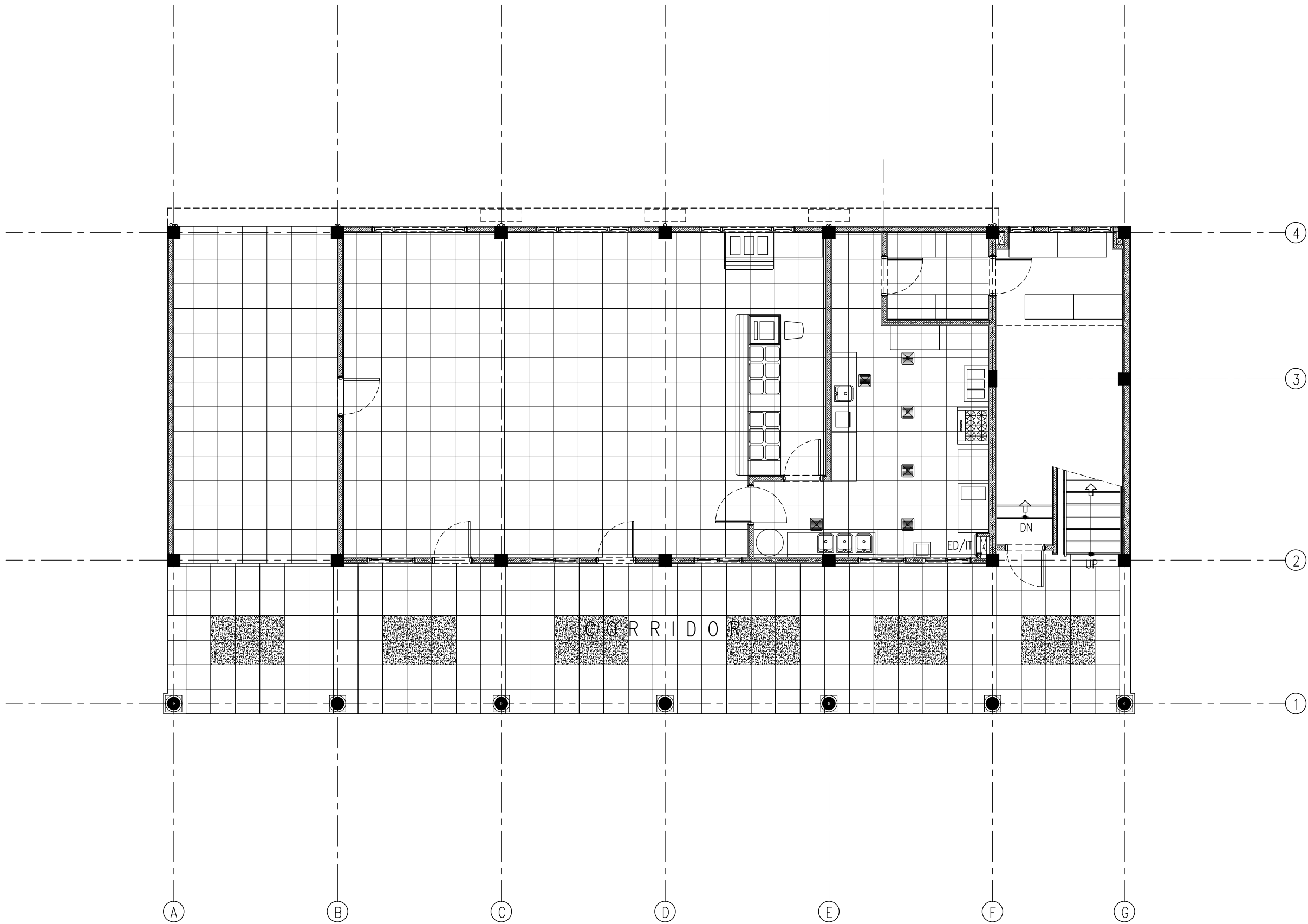
NOTE :
LABORATORY BENCH WITH UNDERBENCH STORAGE CABINET
UNIT DETAIL DESIGN SPECIFICATIONS TO BE PROVIDED BY CLIENT

UNDERBENCH UNIT ON CASTERS DETAILS
SCALE 1:20

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PRECEDENCE OVER
SCALE READINGS



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDNG	A-23
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUHFUSHI , MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015	
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GROUND FLOOR - TILE PATTERN LAYOUT PLAN
SCALE 1:100

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ANY WORK OR SHOP
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PRECEDENCE OVER
SCALE READINGS

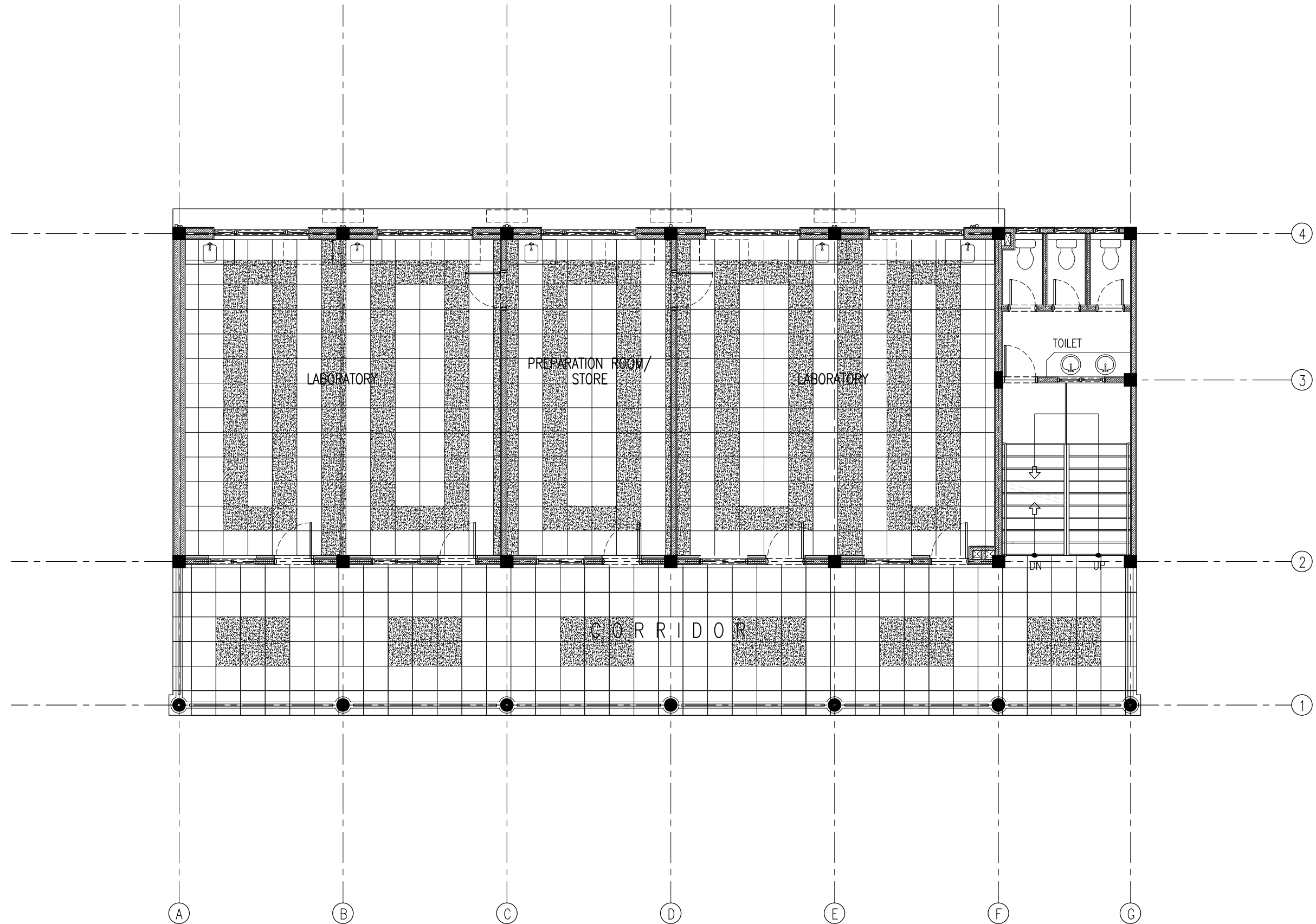


REVISION:	

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

PROJECT:	THREE STOREY SCHOOL BUILDING
LOCATION:	HDH. KULHUDHUFUSHI , MALDIVES
DRAWING TITLE:	AS GIVEN
CLIENT:	THE MALDIVES NATIONAL UNIVERSITY
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	31TH MAY 2015

A-24
DWG NO
PROJECT NO.: 13-080



FIRST FLOOR - TILE PATTERN LAYOUT PLAN
SCALE 1:100

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admin@archeng.biz

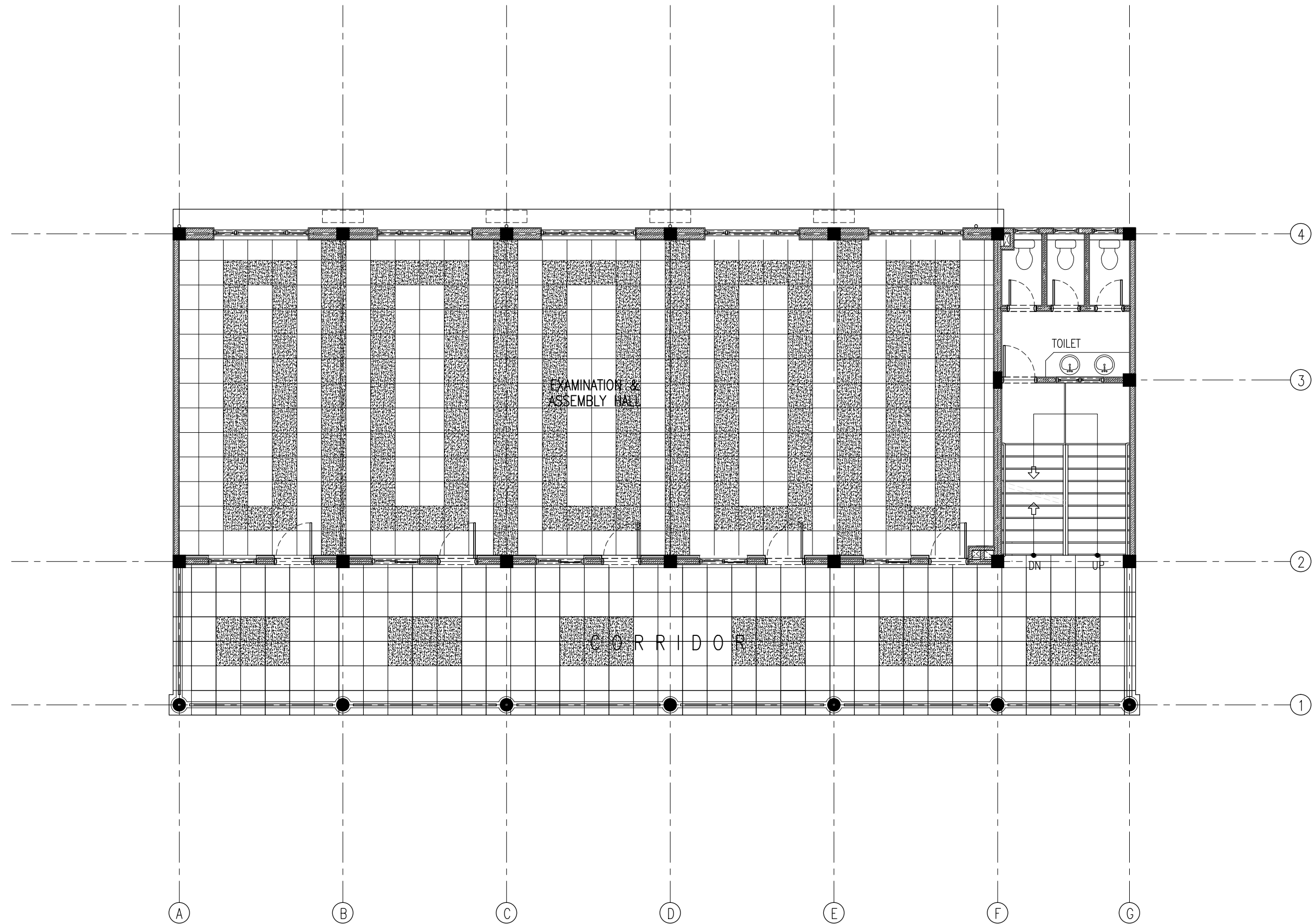
REVISION:

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

PROJECT: THREE STOREY SCHOOL BUILDING
LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

A-25
DWG NO
PROJECT NO.: 13-080

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SECOND FLOOR - TILE PATTERN LAYOUT PLAN

SCALE 1:100

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DRAWINGS. FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



REVISION:

ARCHITECT: MOHAMED HAMEEN

ENGINEER: MOHAMED ALI

SERVICES ENG:

ESTIMATOR:

DRAWN BY: ASFAN AHMED

PROJECT: THREE STOREY SCHOOL BUILDING

LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES

DRAWING TITLE: AS GIVEN

CLIENT: THE MALDIVES NATIONAL UNIVERSITY

SCALE: AS GIVEN

DIMENSION: MM

DATE: 31TH MAY 2015

A-26

DWG NO

PROJECT NO.: 13-080

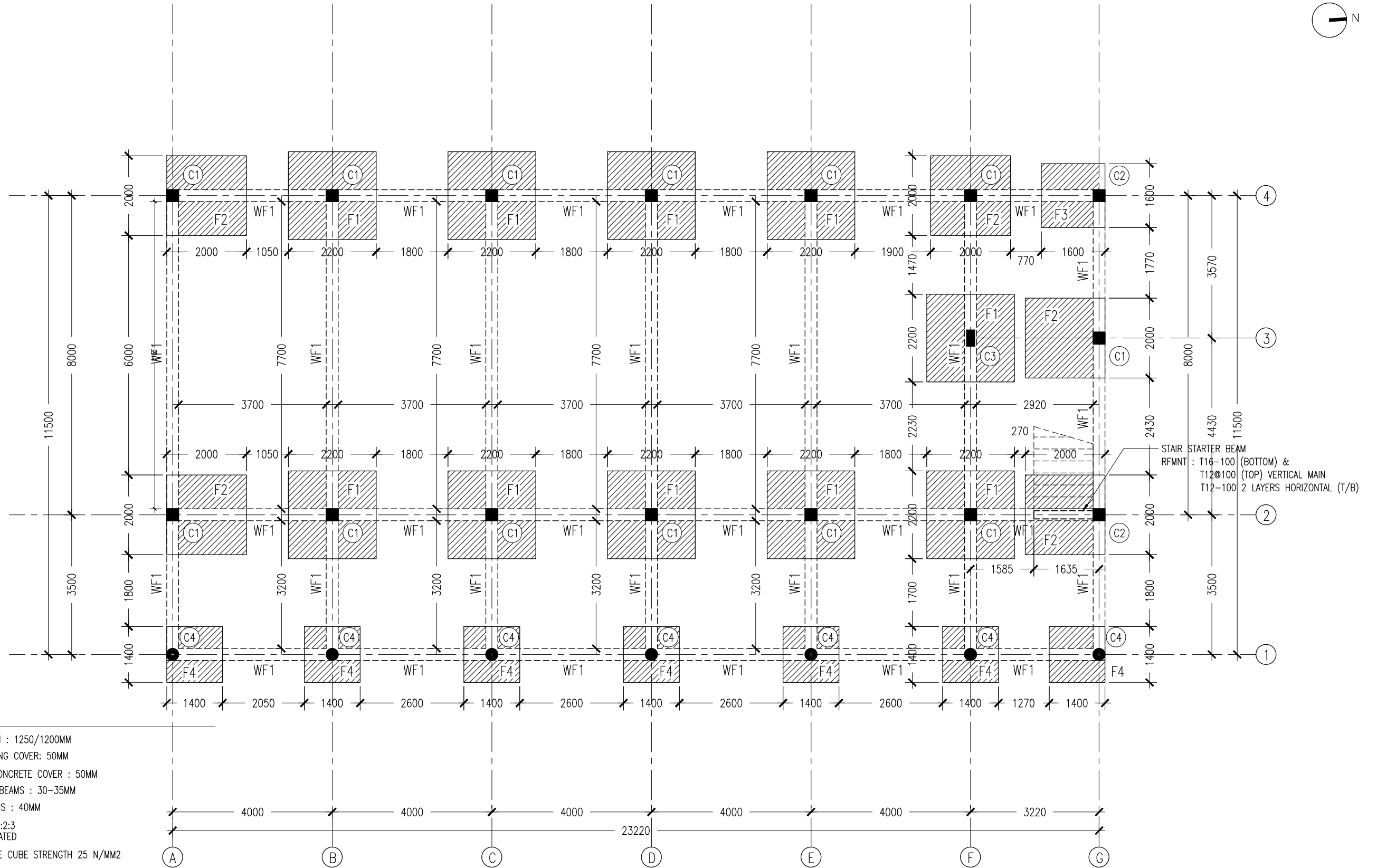
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COLUMN SETTING LAYOUT PLAN
SCALE 1:100

PROJECT NO.: 13-080

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NOTES :

- FOUNDATION DEPTH : 1250/1200MM
- FOUNDATION FOOTING COVER: 50MM
- BELOW GROUND CONCRETE COVER : 50MM
- COVER TO FLOOR BEAMS : 30-35MM
- COVER TO COLUMNS : 40MM
- CONCRETE MIX : 1:2:3
UNLESS OTHER STATED
- MINIMUM CONCRETE CUBE STRENGTH 25 N/MM2
- ALL FOUNDATION SHALL BE FOUND ON
50MM THICK LEAN CONCRETE
- APPLY CONMIX MOYA SHIELD RBE ON ALL SUB STRUCTURE CONCRETE
AND MASONRY WALLS FOR WATER PROOFING
- ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.
- ADD CONMIX MEGA ADD WL1 TO ALL BELOW GROUND CONCRETE.

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

REVISION:

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

PROJECT: THREE STOREY SCHOOL BUILDING
LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

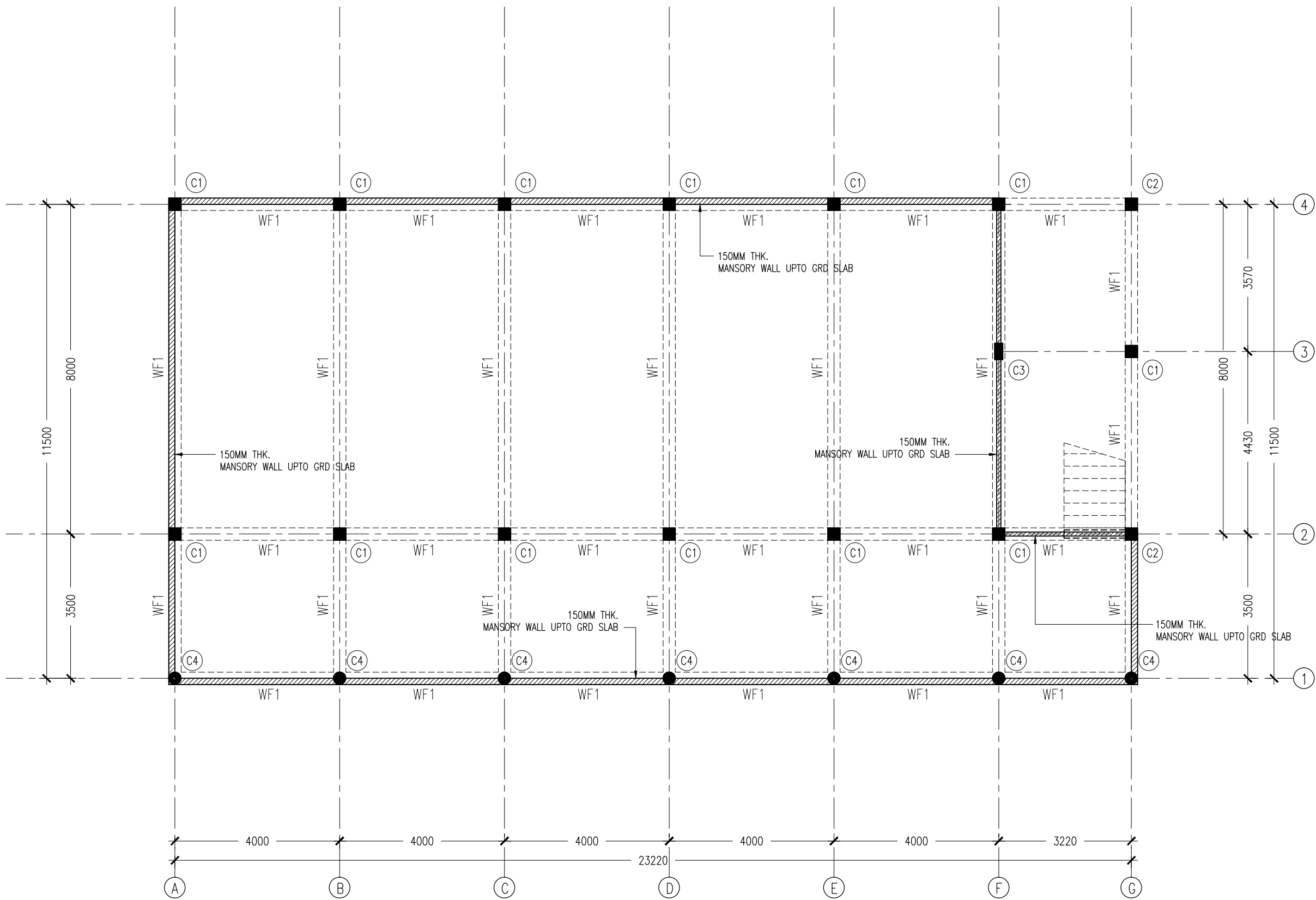
S-02

DWG NO
PROJECT NO.: 13-080

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FOUNDATION LAYOUT PLAN

SCALE 1:100



BELOW GROUND RETAINING WALL LAYOUT PLAN
SCALE 1:100

CONTRACTORS MUST
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DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

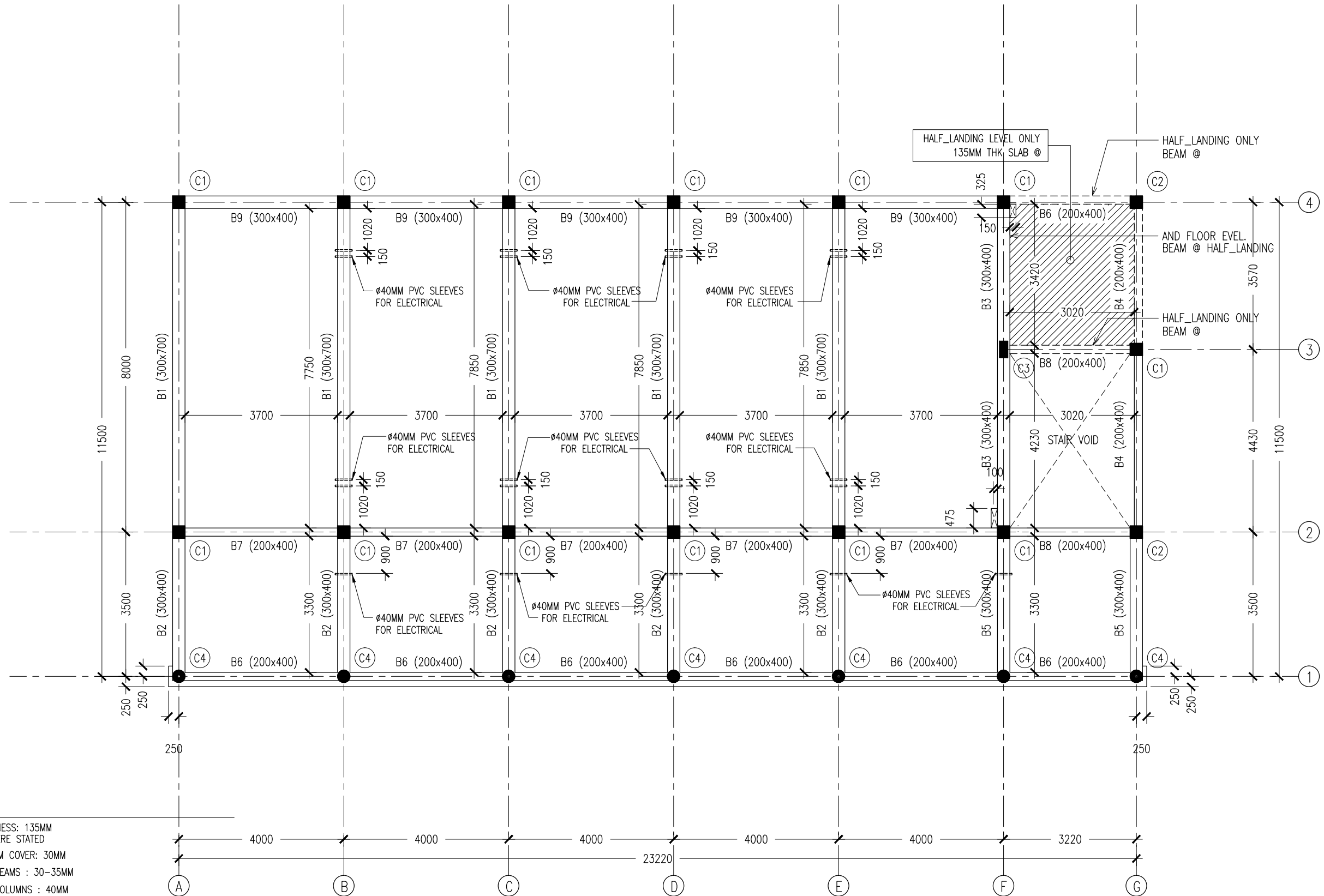


REVISION:	

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

PROJECT:	THREE STOREY SCHOOL BUILDING
LOCATION:	HDH. KULHUDHUHUSHI, MALDIVES
DRAWING TITLE:	AS GIVEN
CLIENT:	THE MALDIVES NATIONAL UNIVERSITY
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	31TH MAY 2015

S-03
DWG NO
PROJECT NO.: 13-080



- NOTES :
- SLAB THICKNESS: 135MM
ACCEPT WHERE STATED
 - SLAB BOTTOM COVER: 30MM
 - COVER TO BEAMS : 30-35MM
 - COVER TO COLUMNS : 40MM
 - CONCRETE MIX : 1:2:3
UNLESS OTHER STATED
 - MINIMUM CONCRETE CUBE STRENGTH 25 N/MM2
 - ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

1ST/2ND 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

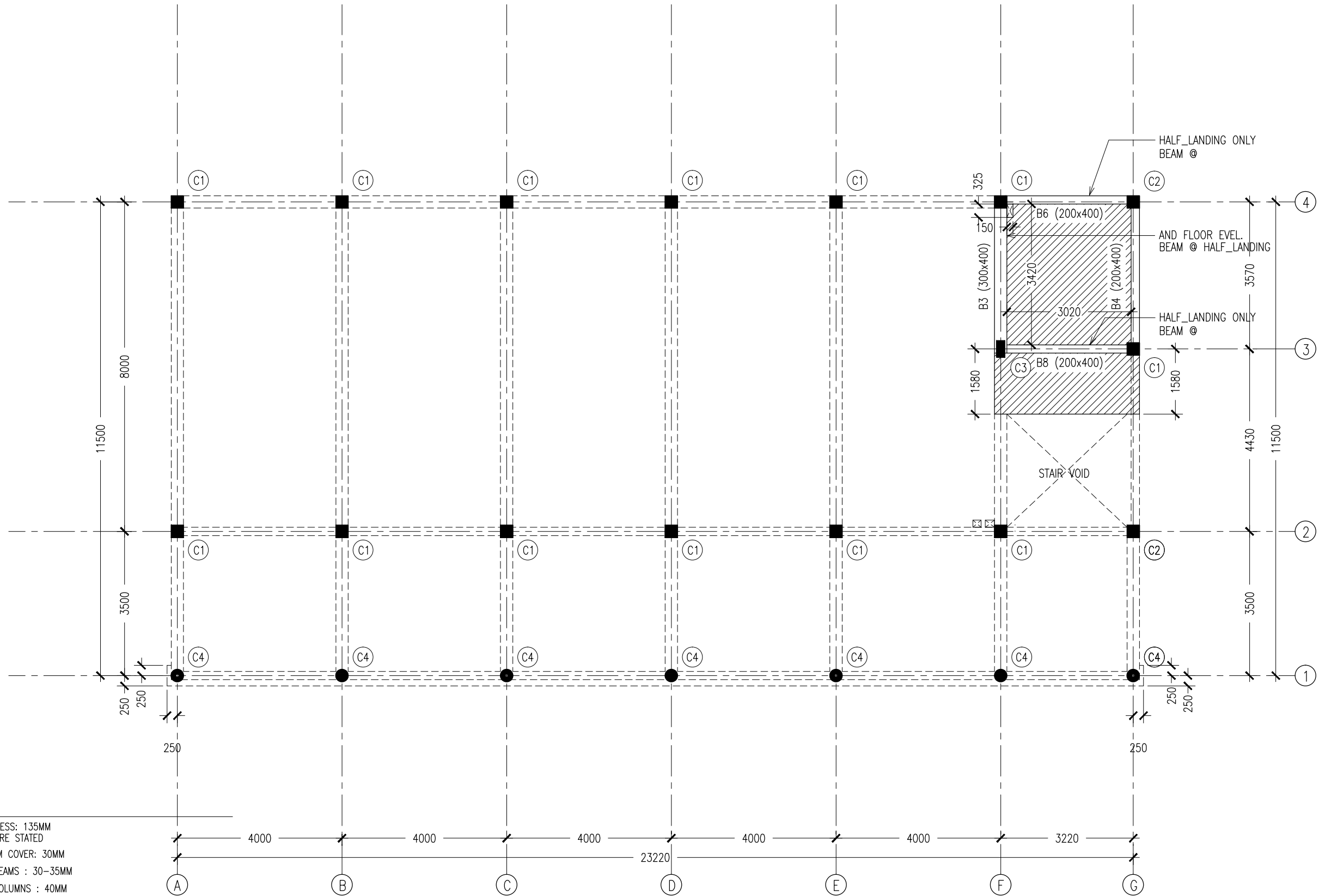


REVISION:

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

PROJECT:	THREE STOREY SCHOOL BUILDING
LOCATION:	HDH. KULHUDHUHFUSHI, MALDIVES
DRAWING TITLE:	AS GIVEN
CLIENT:	THE MALDIVES NATIONAL UNIVERSITY
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	31TH MAY 2015

S-04
PROJECT NO.: 13-080



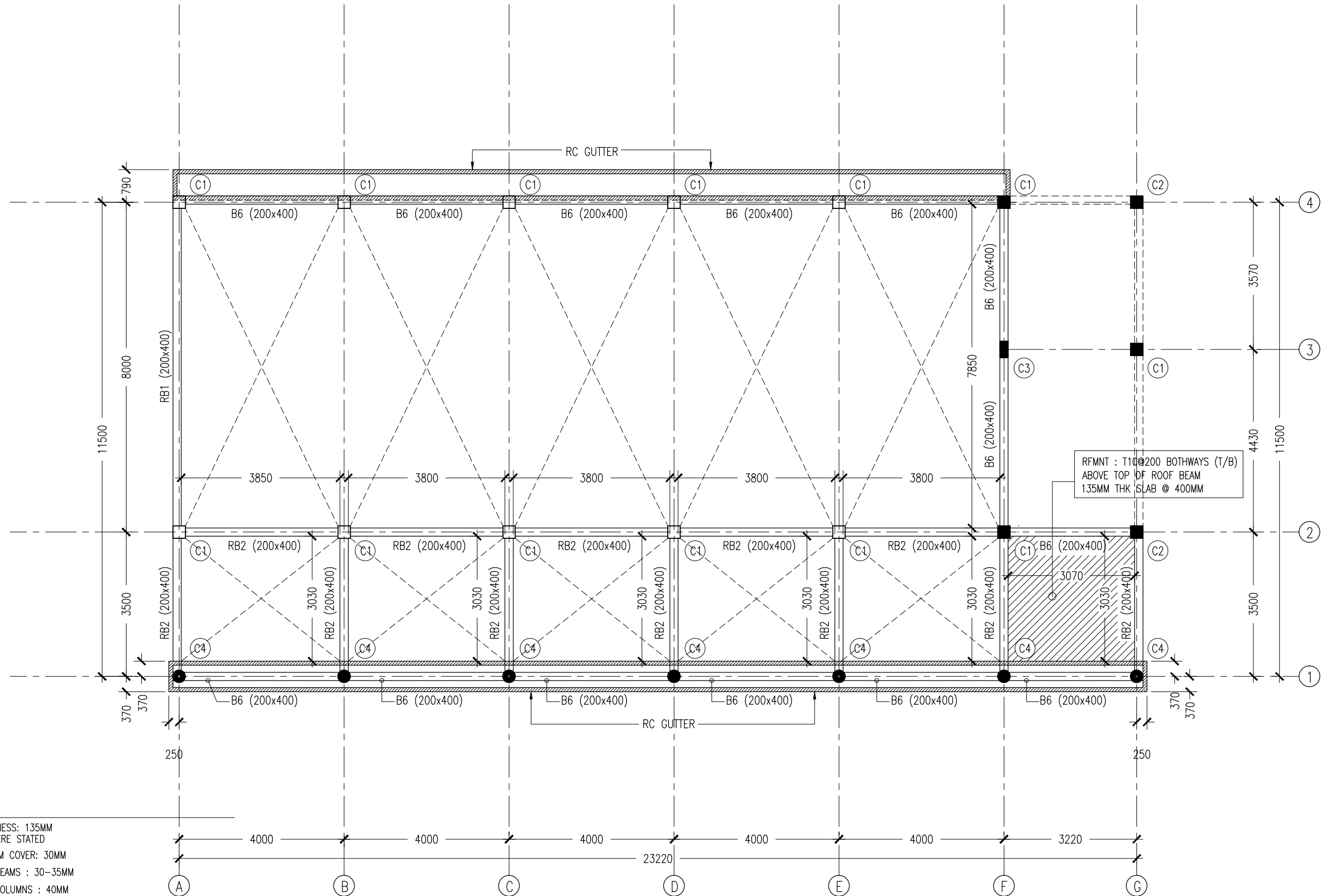
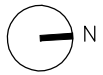
- NOTES :
- SLAB THICKNESS: 135MM
ACCEPT WHERE STATED
 - SLAB BOTTOM COVER: 30MM
 - COVER TO BEAMS : 30-35MM
 - COVER TO COLUMNS : 40MM
 - CONCRETE MIX : 1:2:3
UNLESS OTHER STATED
 - MINIMUM CONCRETE CUBE STRENGTH 25 N/MM2
 - ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

3RD HALF-LANDING LVL SLAB BEAM
SCALE 1:100

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DIMENSIONS TO TAKE
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDING	S-05
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015	
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NOTES :

- SLAB THICKNESS: 135MM
ACCEPT WHERE STATED
- SLAB BOTTOM COVER: 30MM
- COVER TO BEAMS : 30-35MM
- COVER TO COLUMNS : 40MM
- CONCRETE MIX : 1:2:3
UNLESS OTHER STATED
- MINIMUM CONCRETE CUBE STRENGTH 25 N/MM2
- ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

ROOF SLAB BEAM LAYOUT PLAN

SCALE 1:100

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admin@archeng.biz

REVISION:

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

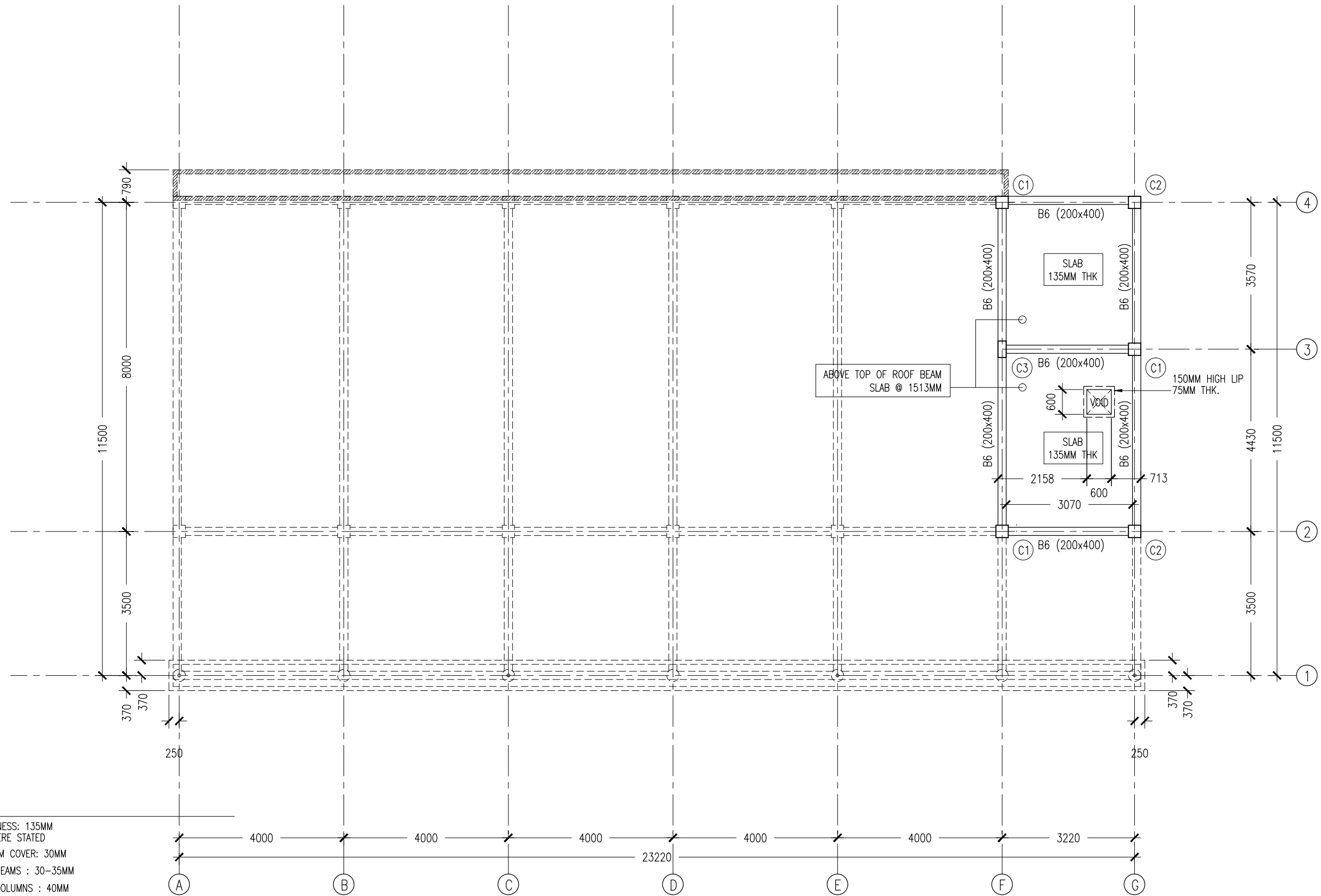
PROJECT: THREE STOREY SCHOOL BUILDING
LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

S-06

DWG NO

PROJECT NO.: 13-080

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- NOTES :
- SLAB THICKNESS: 135MM
ACCEPT WHERE STATED
 - SLAB BOTTOM COVER: 30MM
 - COVER TO BEAMS : 30-35MM
 - COVER TO COLUMNS : 40MM
 - CONCRETE MIX : 1:2:3
UNLESS OTHER STATED
 - MINIMUM CONCRETE CUBE STRENGTH 25 N/MM2
 - ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.

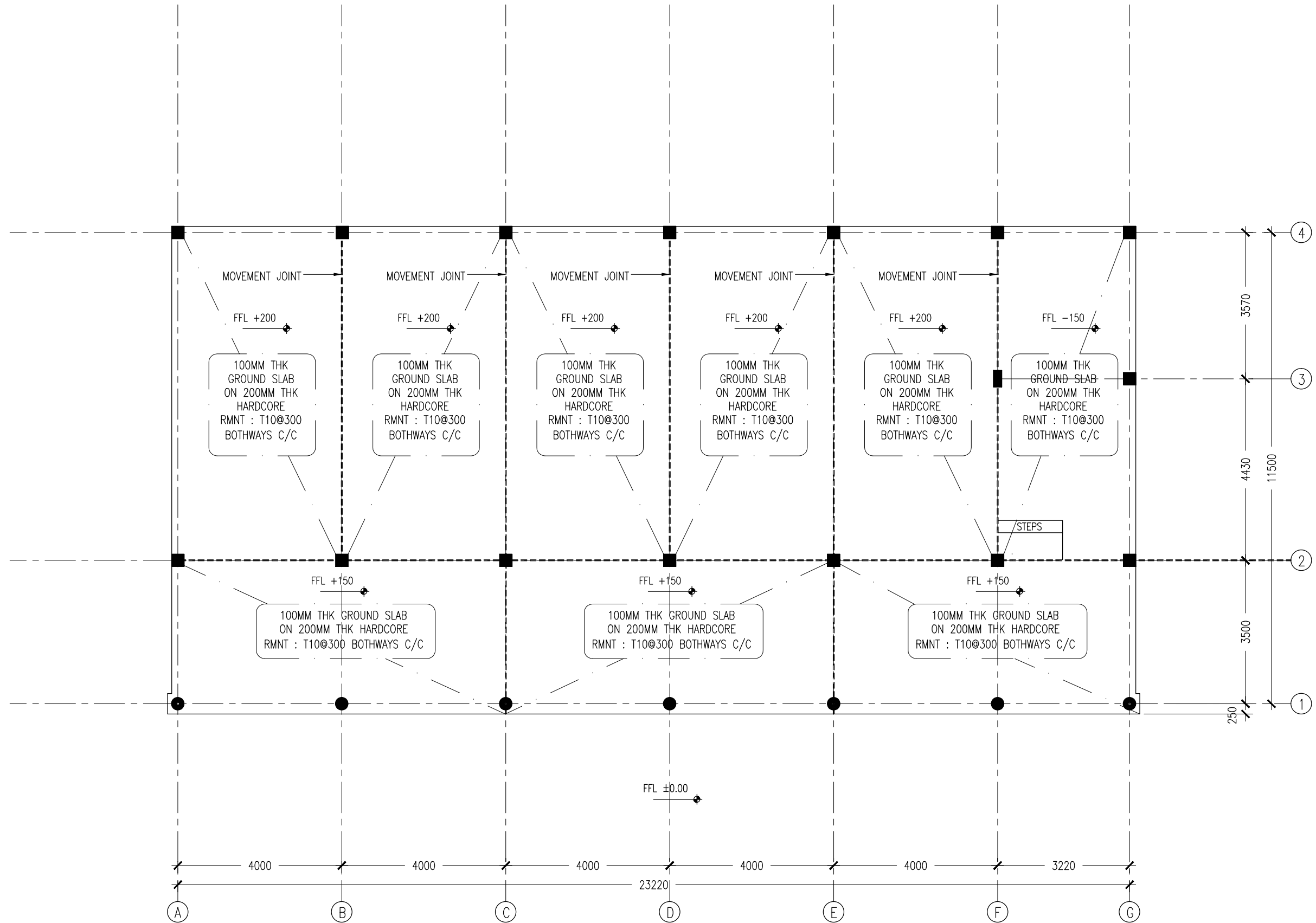
ROOF SLAB BEAM LAYOUT PLAN
SCALE 1:100

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



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDING	S-07
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUHFUSHI , MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	DWG NO
		DIMENSION: MM	PROJECT NO.: 13-080
		DATE: 31TH MAY 2015	

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GROUND SLAB LAYOUT PLAN
SCALE 1:100

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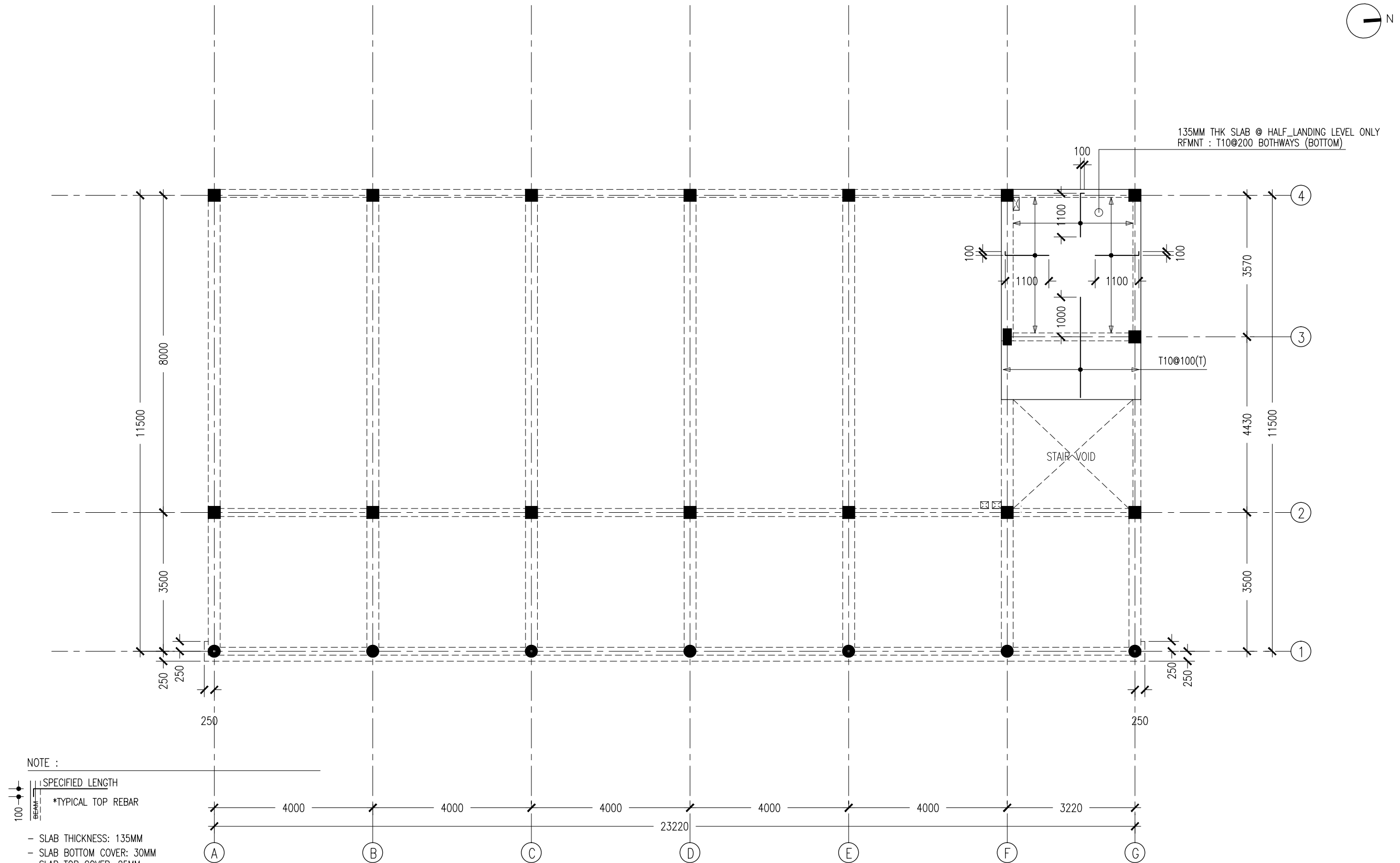
REVISION:	

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

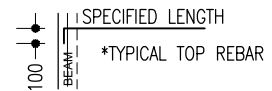
PROJECT:	THREE STOREY SCHOOL BUILDING
LOCATION:	HDH. KULHUDHUHFUSHI, MALDIVES
DRAWING TITLE:	AS GIVEN
CLIENT:	THE MALDIVES NATIONAL UNIVERSITY
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	31TH MAY 2015

S-08
DWG NO
PROJECT NO.: 13-080

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NOTE :



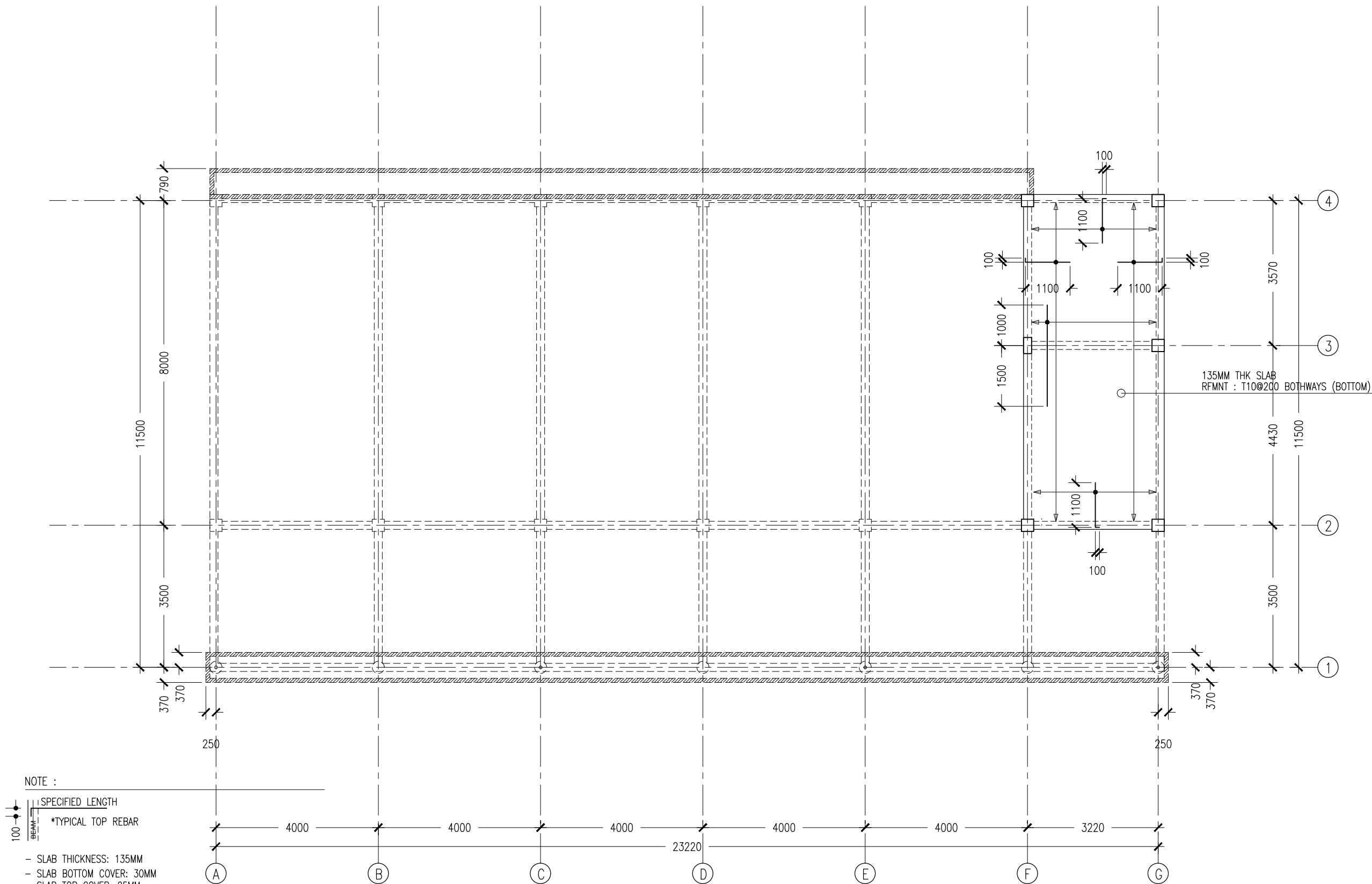
- SLAB THICKNESS: 135MM
- SLAB BOTTOM COVER: 30MM
- SLAB TOP COVER: 25MM
- SLAB BOTTOM REINFORCEMENT: T10-200 BW THROUGH OUT (UNLESS SPECIFIED OTHERWISE) NOT SHOWN
- SLAB TOP MAIN REINFORCEMENT : T10-200 (AS SHOWN)
- SLAB TOP DISTRIBUTION REINFORCEMENT: T10-300 (NOT SHOWN)
- CURTAIL REBARS OVER OPENINGS
- PROVIDE EXTRA ADDITIONAL REINFORCEMENT AS SPECIFIED
- FCU=25 N/MM2
- ADD CONMIX MEGAFLW P TO ALL SUPER STRUCTURE CONCRETE

CONTRACTORS MUST
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SCALE READINGS



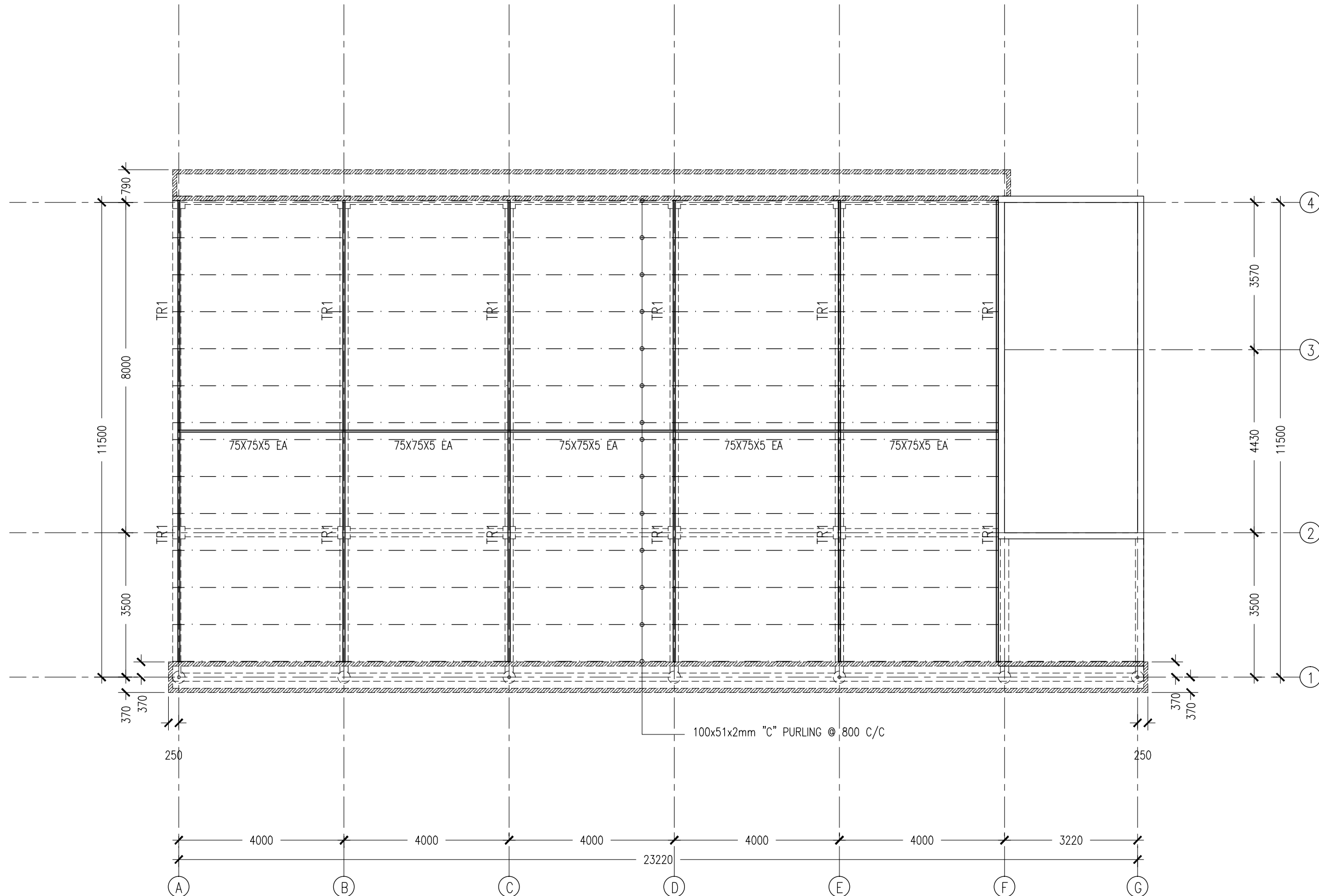
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDING	S-10
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUFUSHI , MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	DWG NO
		DIMENSION: MM	PROJECT NO.: 13-080
		DATE: 31TH MAY 2015	

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ROOF SLAB BEAM LAYOUT REINFORCEMENT PLAN

SCALE 1:100



ROOF STRUCTURE LAYOUT PLAN
SCALE 1:100

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



REVISION:	

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

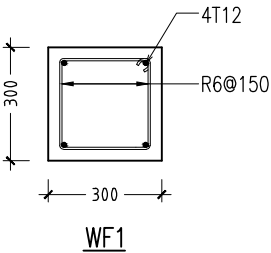
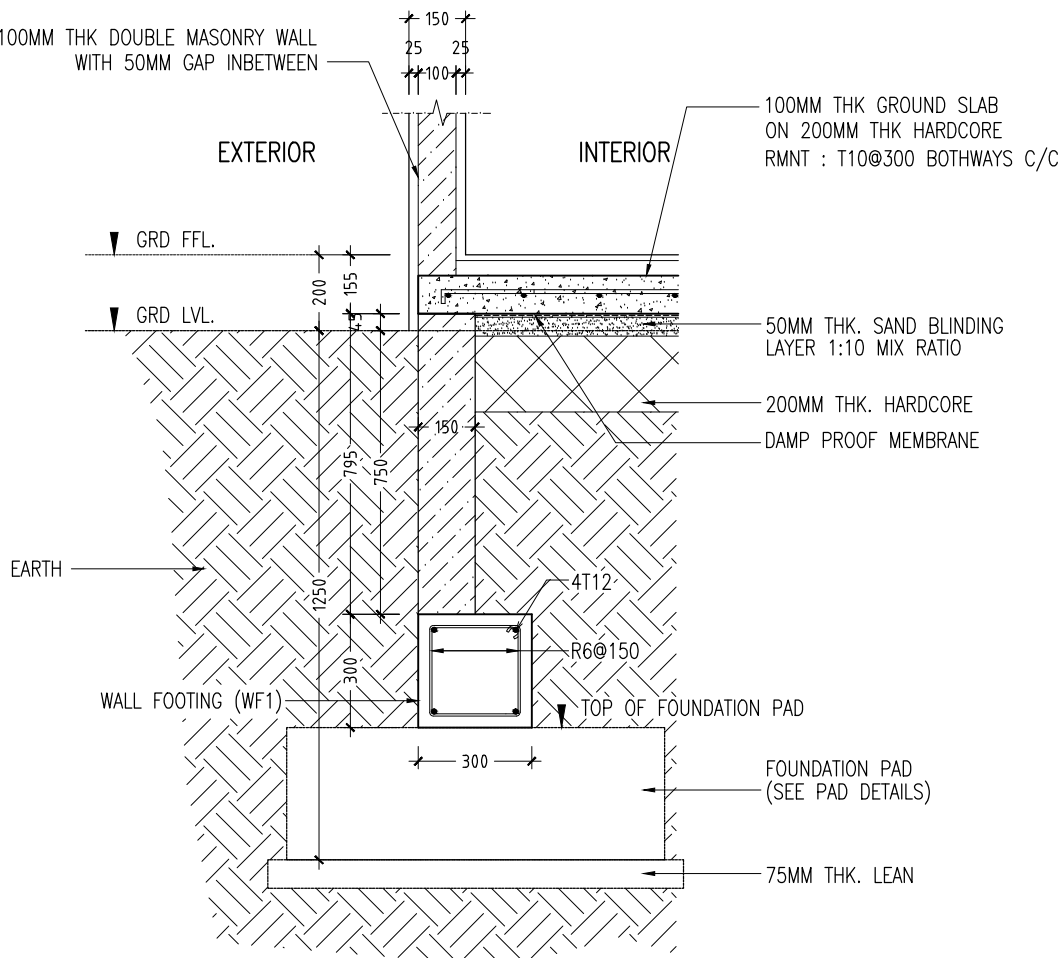
PROJECT:	THREE STOREY SCHOOL BUILDNG		
LOCATION:	HDH. KULHUDHUHFUSHI , MALDIVES		
DRAWING TITLE:	AS GIVEN		
CLIENT:	THE MALDIVES NATIONAL UNIVERSITY		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	31TH MAY 2015

S-12

DWG NO
PROJECT NO.: 13-080

	FOOTING	LENGTH/mm	WIDTH/mm	DEPTH/mm	REINFORCEMENT	FOUNDATION BOTTOM
	F1	2200	2200	350	T16@100mm C/C BW BOTTOM	1250MM BELOW GRD
	F2	2000	2000	350	T16@150mm C/C BW BOTTOM	1250MM BELOW GRD
	F3	1600	1600	300	T12@100mm C/C BW BOTTOM	1200MM BELOW GRD
	F4	1400	1400	300	T12@150mm C/C BW BOTTOM	1200MM BELOW GRD

FOOTING DETAILS



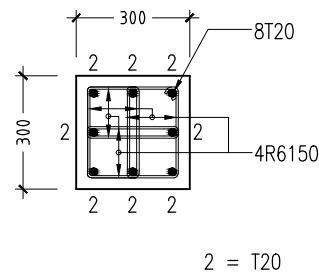
WALL FOOTING DETAILS
SCALE 1:20

FOUNDATION DETAILS
SCALE 1:20

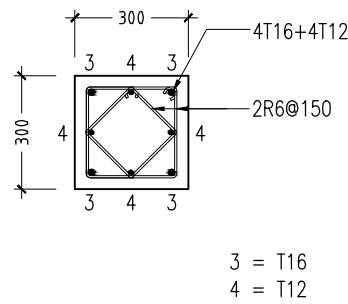
CONTRACTORS MUST
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PRECEDENCE OVER
SCALE READINGS



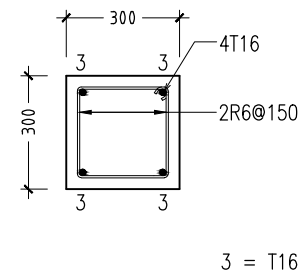
REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDING	S-13
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUFUSHI , MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	
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			PROJECT NO.: 13-080



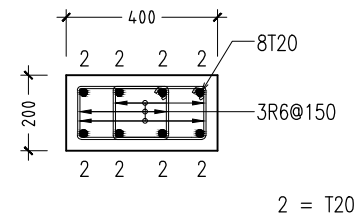
C1 ALL FLOORS



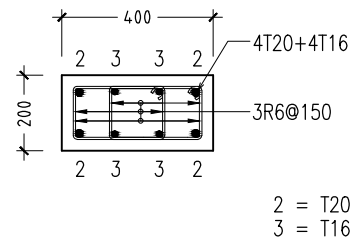
GRD - 1ST SLAB



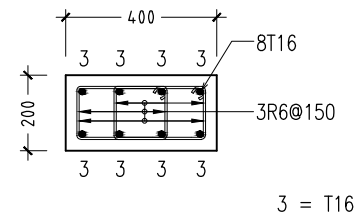
C2 ABOVE 1ST SLAB



GRD - 1ST SLAB

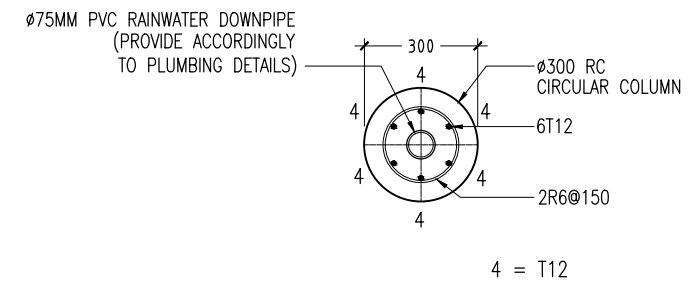


1ST - 2ND SLAB



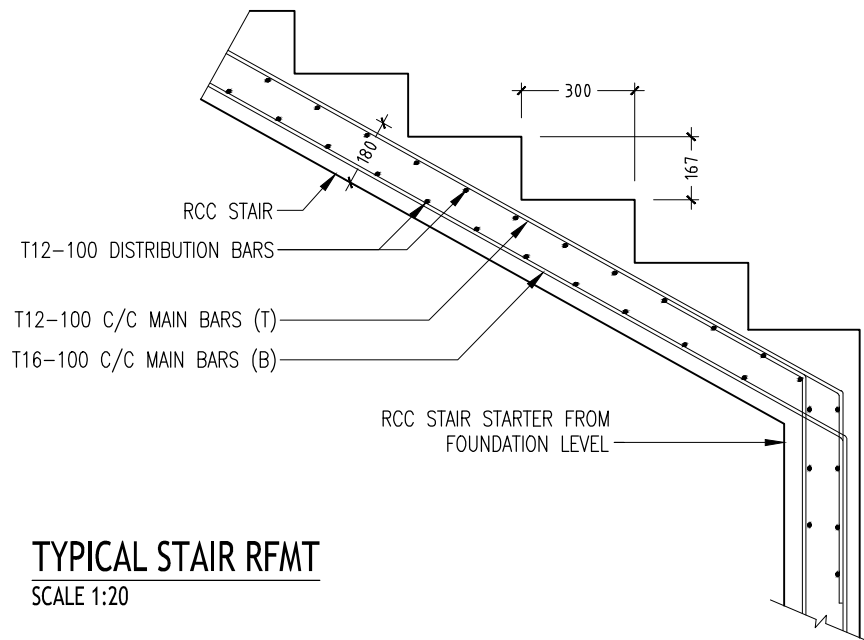
ABOVE 2ND SLAB

C3

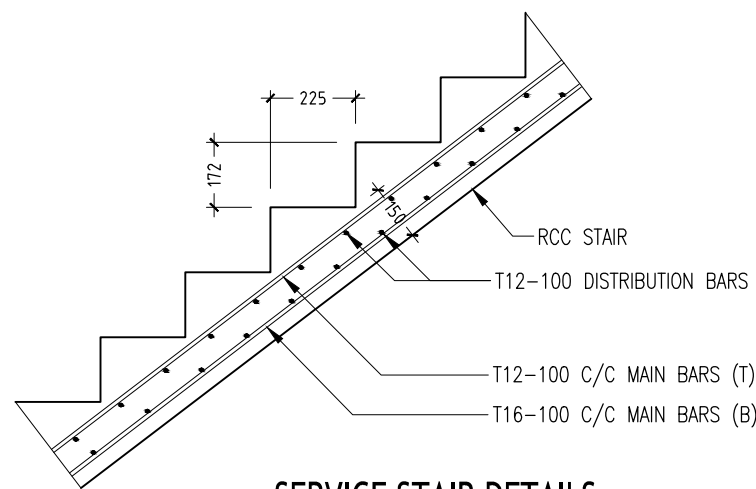


C4 CIRCULAR COLUMN (ALL FLOORS)

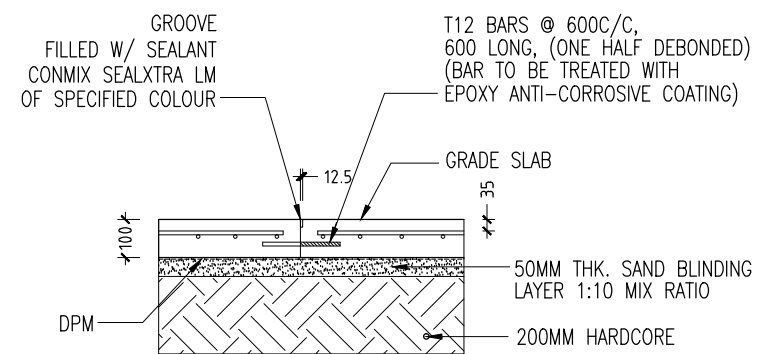
COLUMN DETAILS SCALE 1:20



TYPICAL STAIR RFMT
SCALE 1:20



SERVICE STAIR DETAILS
SCALE 1:20

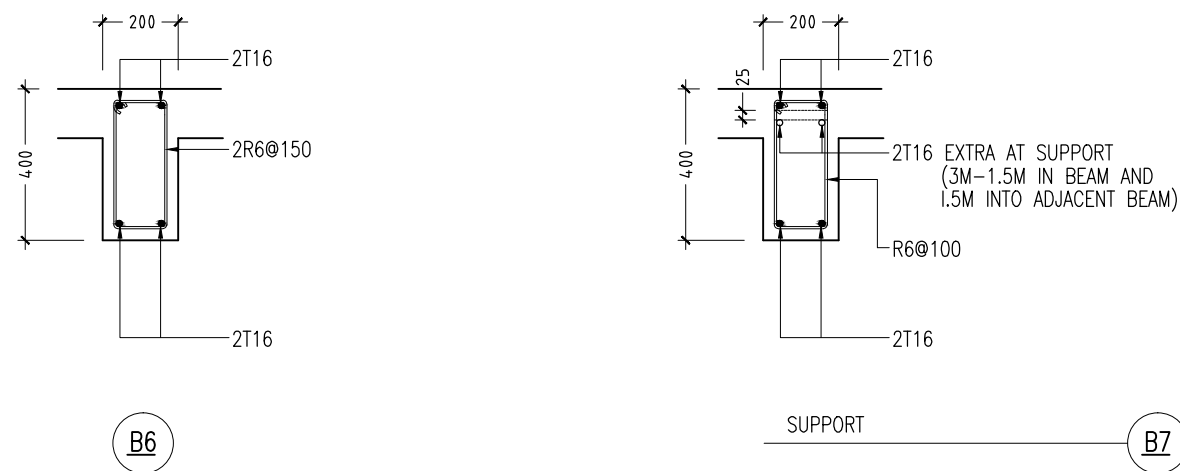
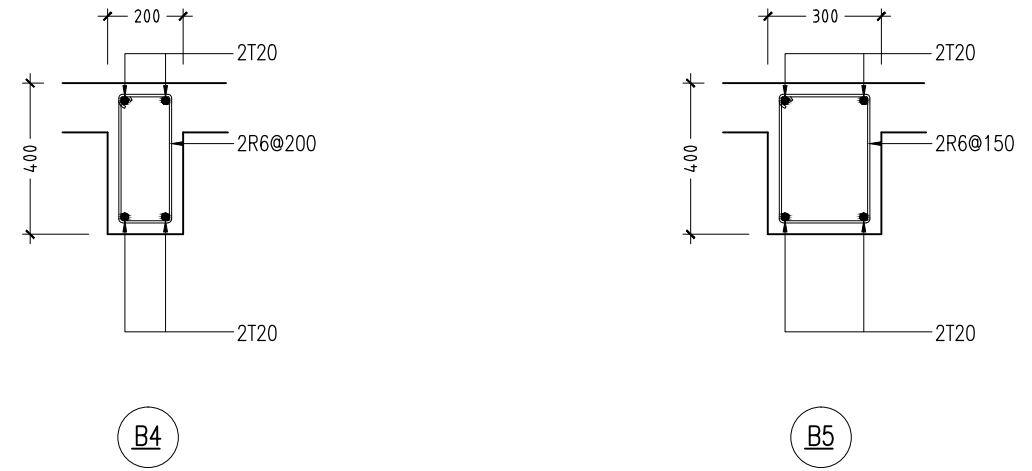
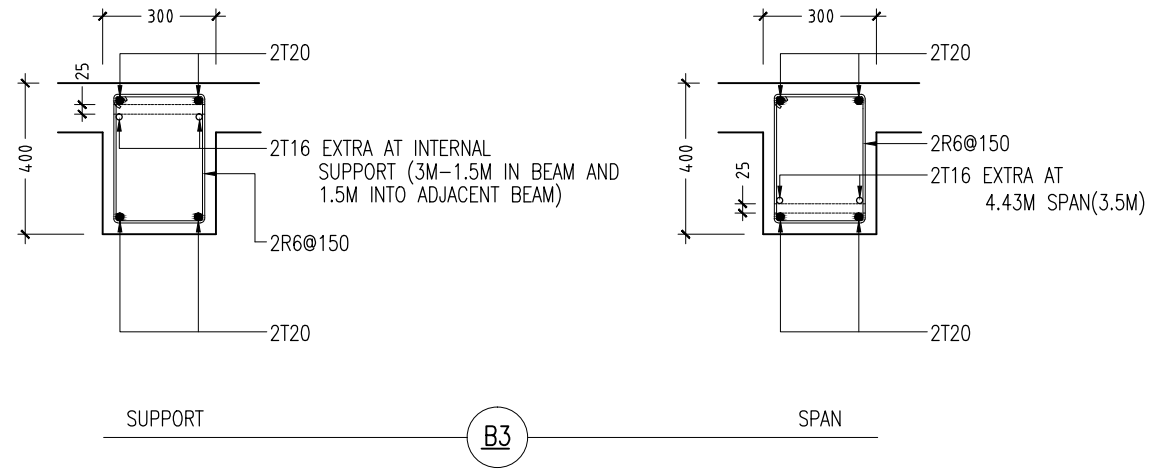
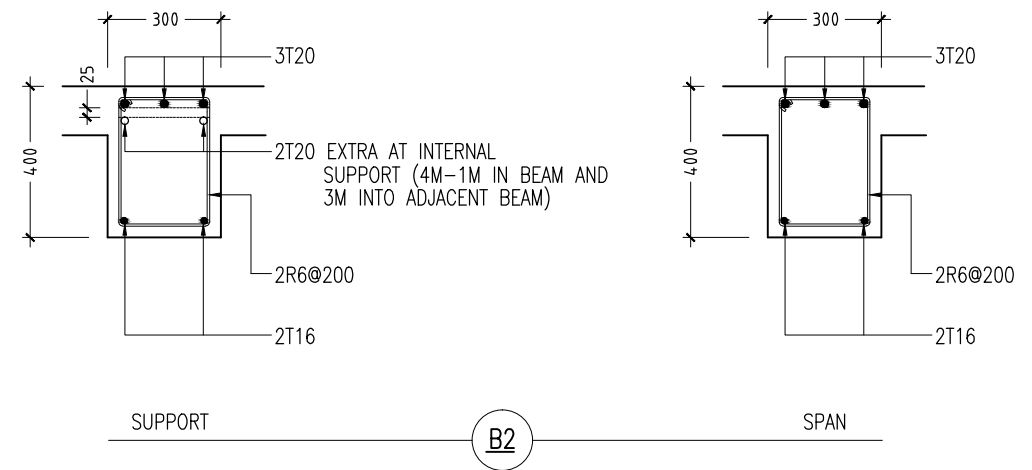
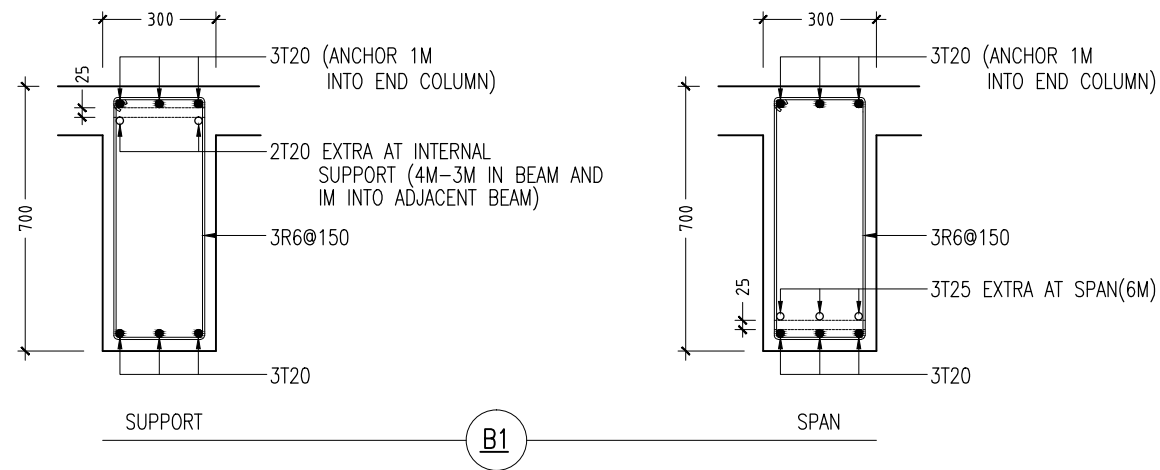


MOVEMENT JOINT
SCALE 1:20

CONTRACTORS MUST
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DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

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REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:			THREE STOREY SCHOOL BUILDNG			<div>S-14</div> <div>DWG NO</div> <div>PROJECT NO.: 13-080</div>
	ENGINEER:	MOHAMED ALI	LOCATION:			HDH. KULHUDHUHFUSHI , MALDIVES			
	SERVICES ENG:		DRAWING TITLE:			AS GIVEN			
	ESTIMATOR:		CLIENT:			THE MALDIVES NATIONAL UNIVERSITY			
	DRAWN BY:	ASFAN AHMED	SCALE: AS GIVEN			DIMENSION: MM		DATE: 31TH MAY 2015	
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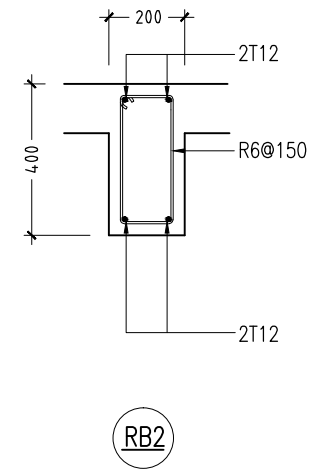
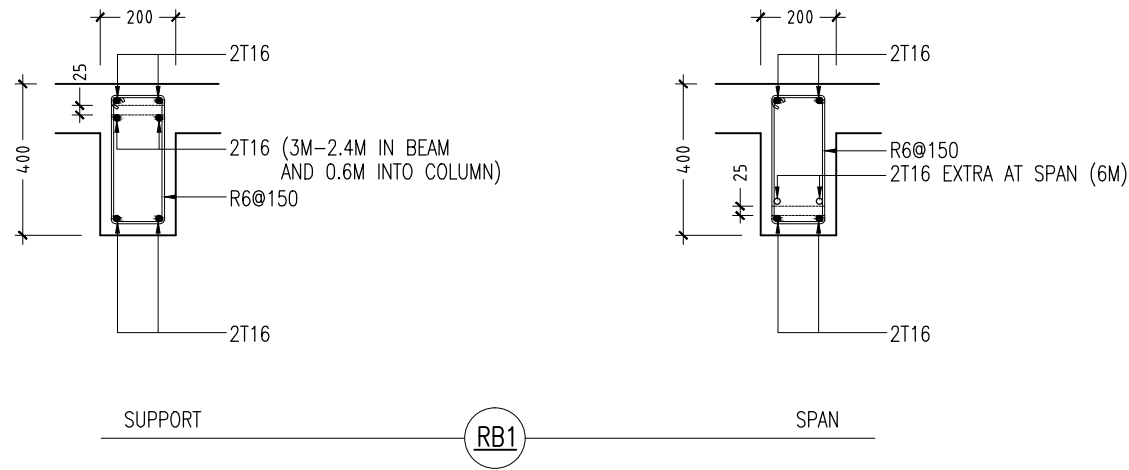
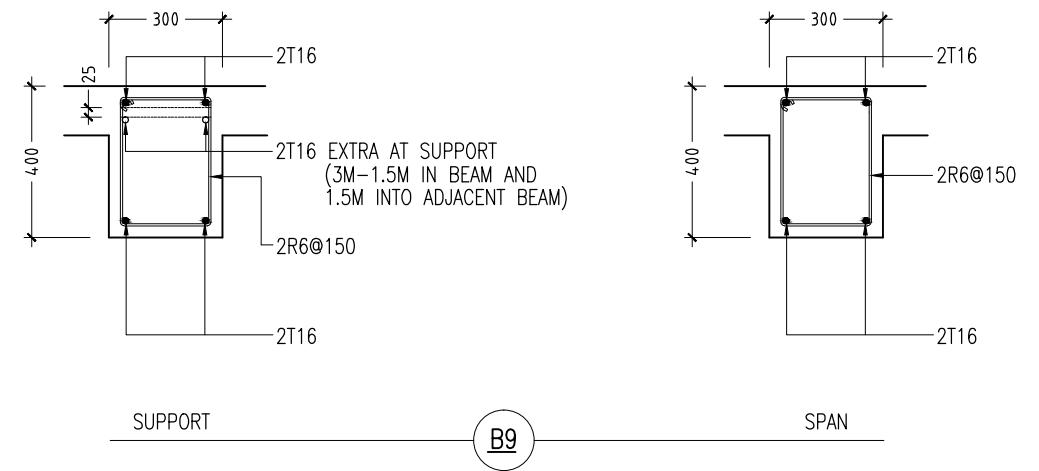
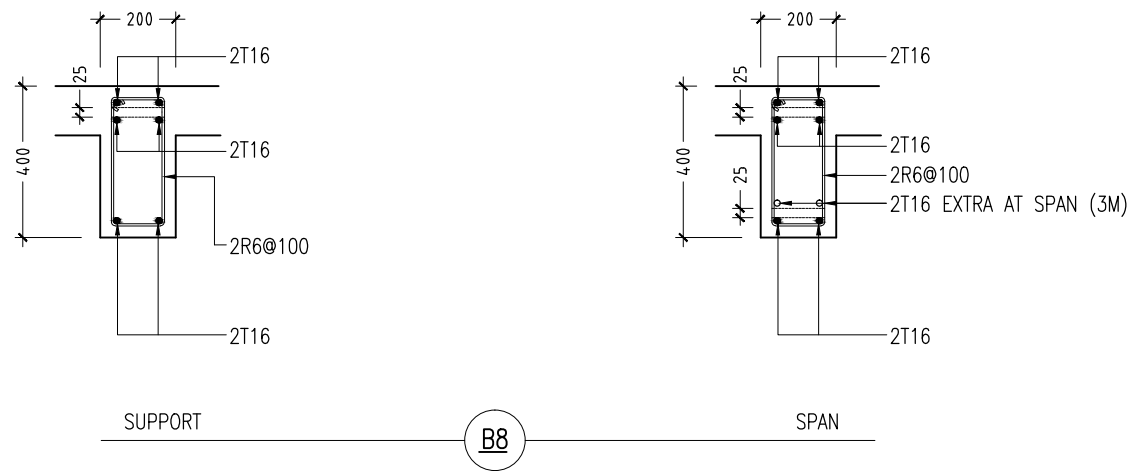


SLAB BEAM DETAILS - 1 SCALE 1 : 20

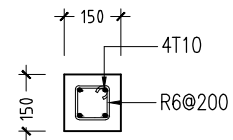
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDING	S-15
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUHFUSHI , MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015	
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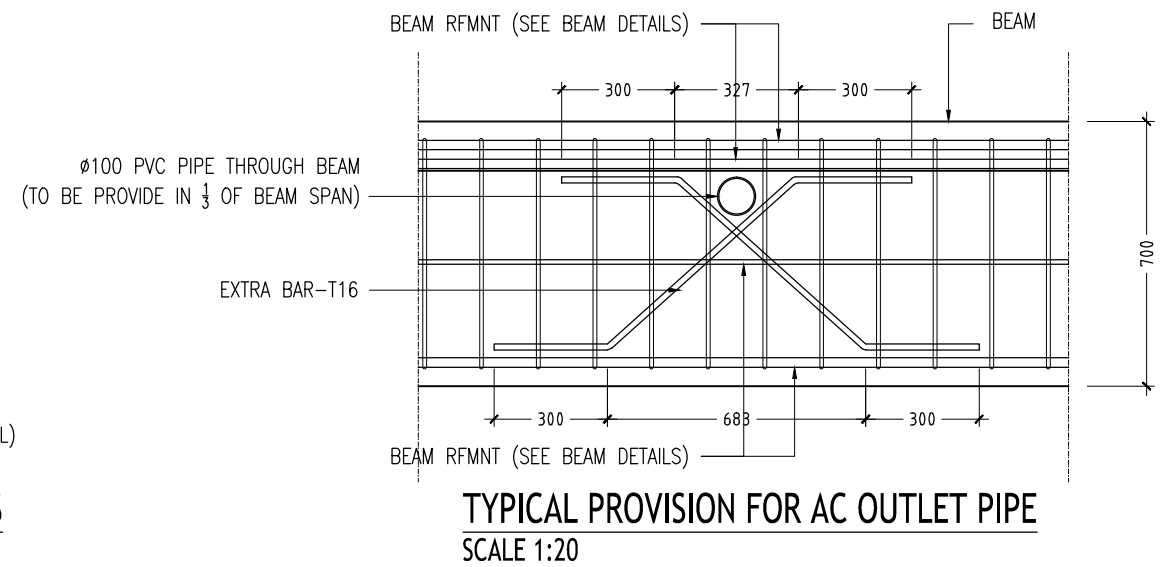


SLAB BEAM DETAILS - 2
SCALE 1 : 20



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

LINTEL/SILL BEAM DETAILS
SCALE 1:20



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REVISION:

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

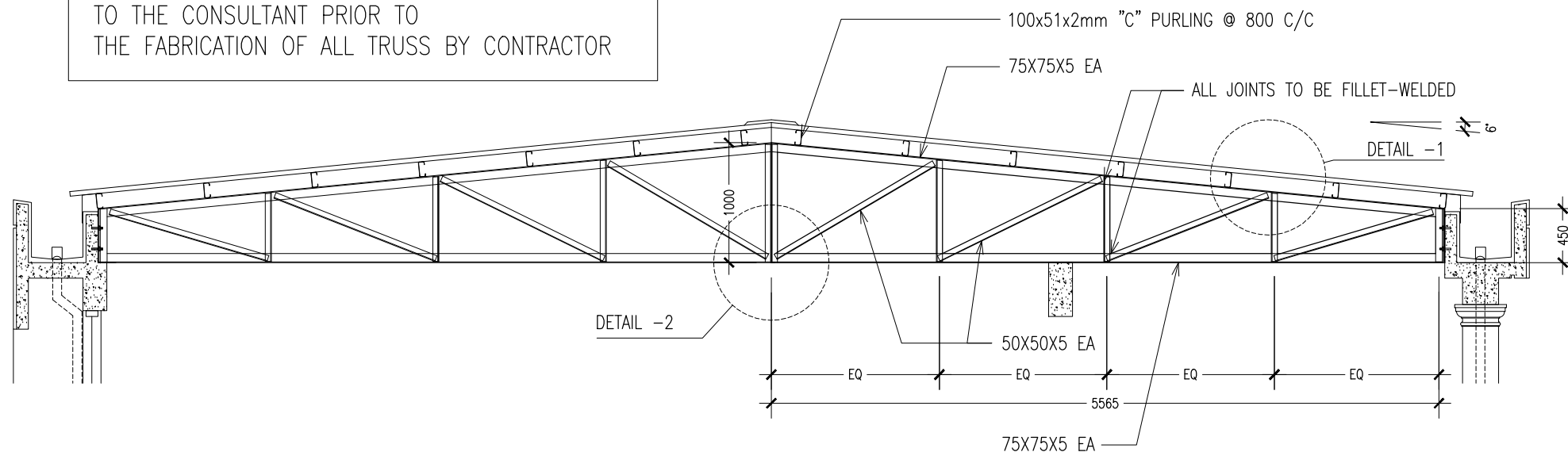
PROJECT: THREE STOREY SCHOOL BUILDING
LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

S-16
DWG NO
PROJECT NO.: 13-080

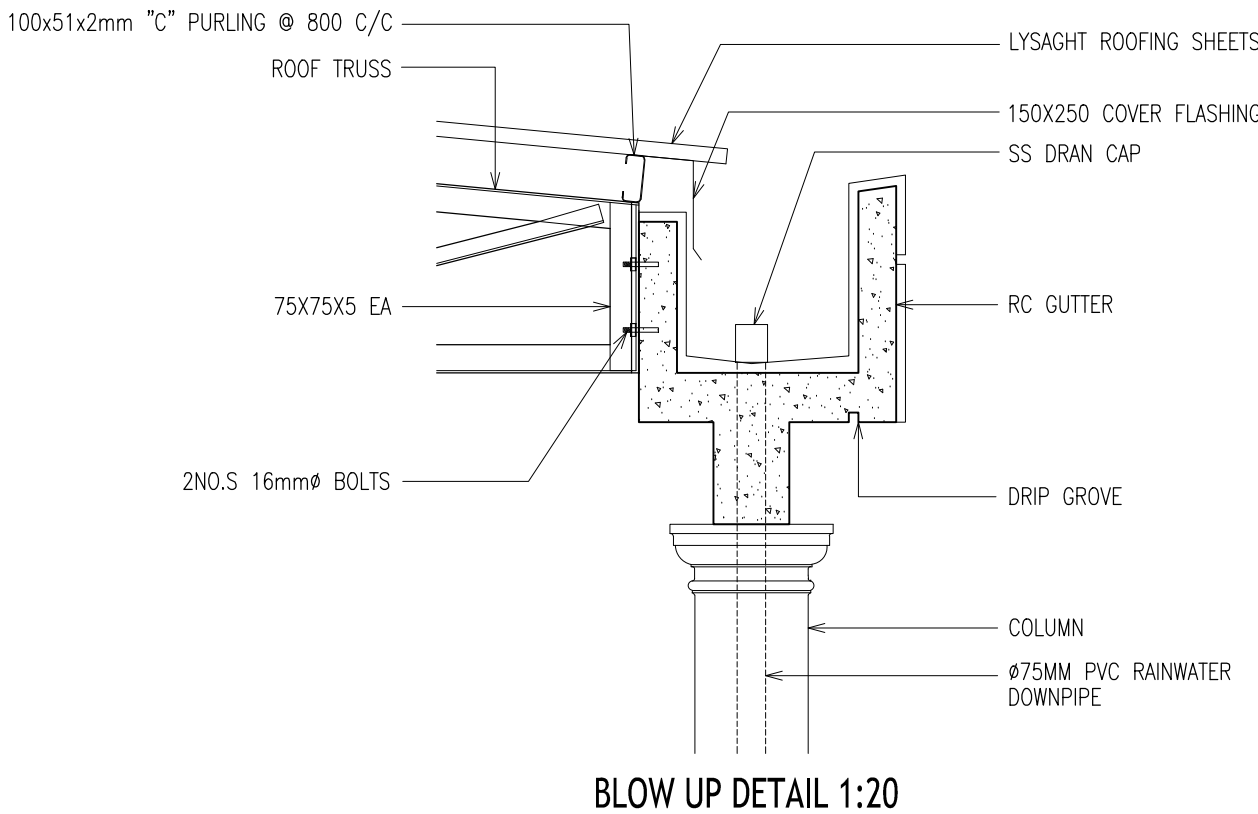
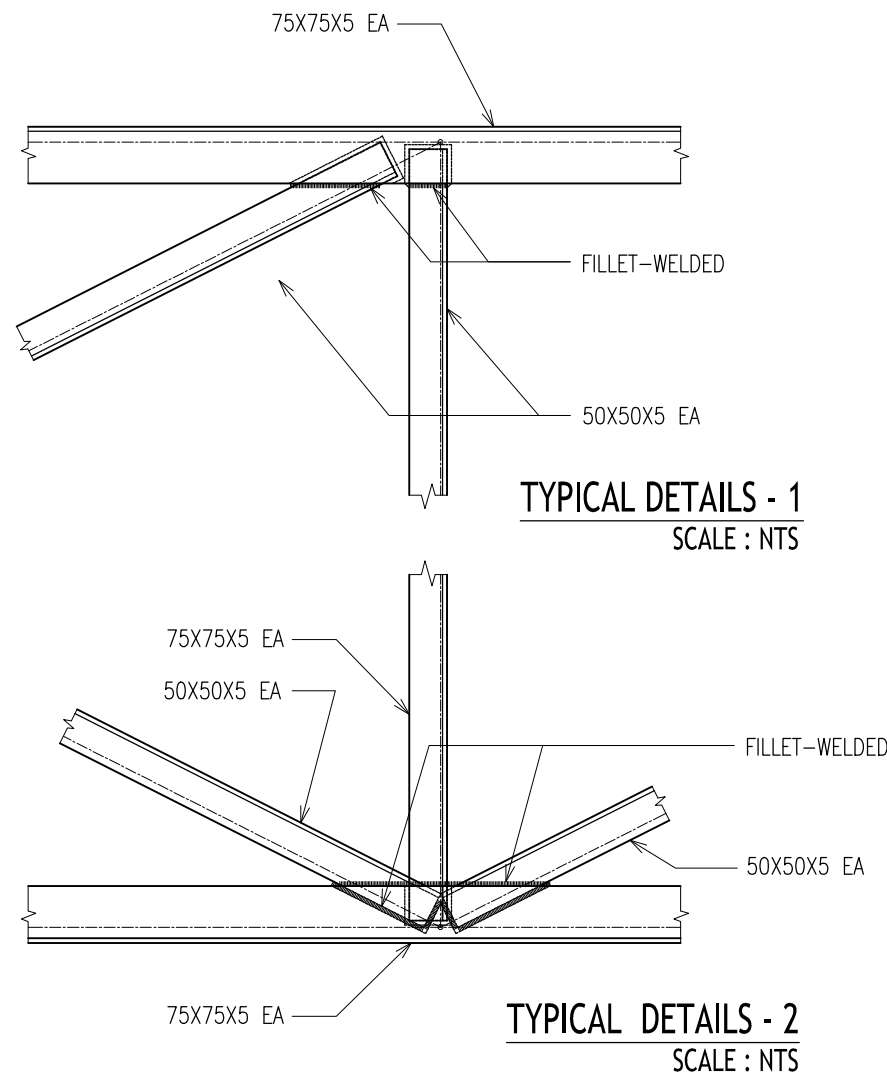
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GENERAL NOTES :

SHOP DRAWINGS SHALL BE SUBMITTED
TO THE CONSULTANT PRIOR TO
THE FABRICATION OF ALL TRUSS BY CONTRACTOR



TRUSS - TR1



TRUSS DETAILS
SCALE 1:50

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REVISION:

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

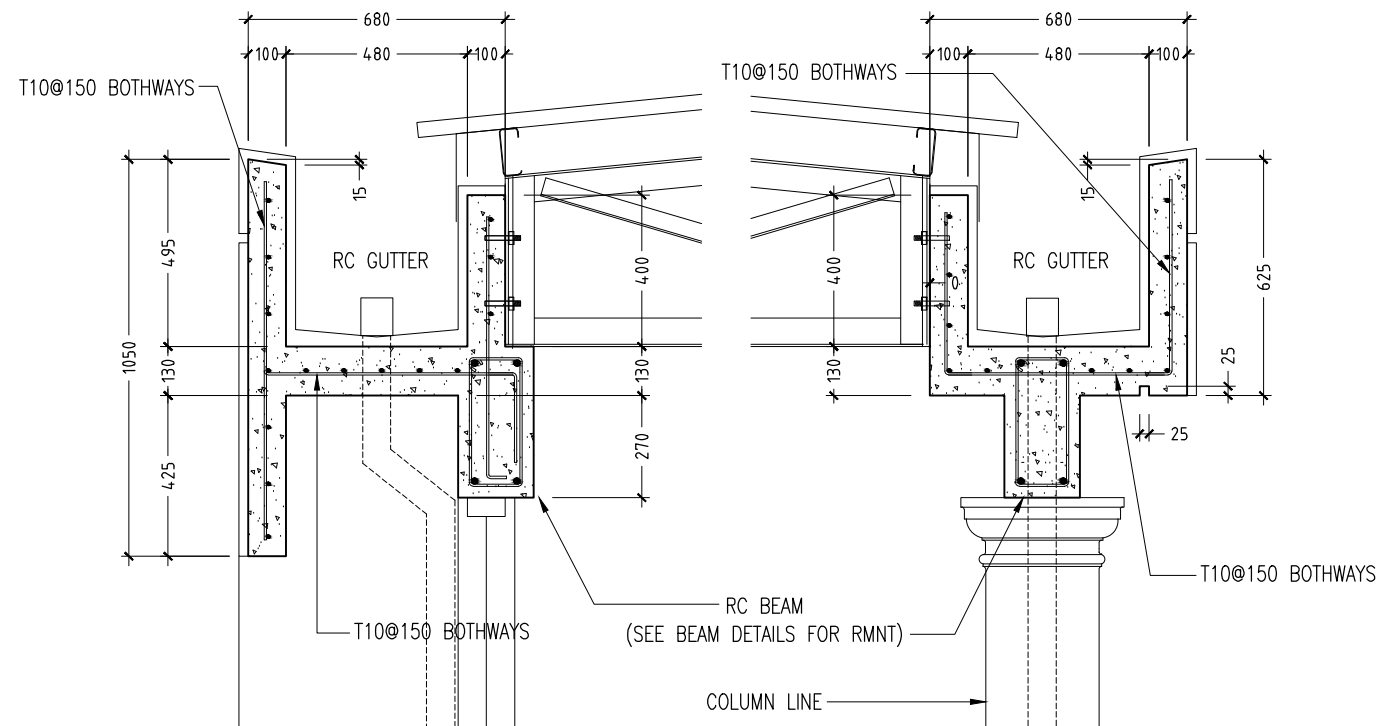
PROJECT: THREE STOREY SCHOOL BUILDNG
LOCATION: HDH. KULHUDHUHFUSHI , MALDIVES
DRAWING TITLE: AS GIVEN
CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

S-17

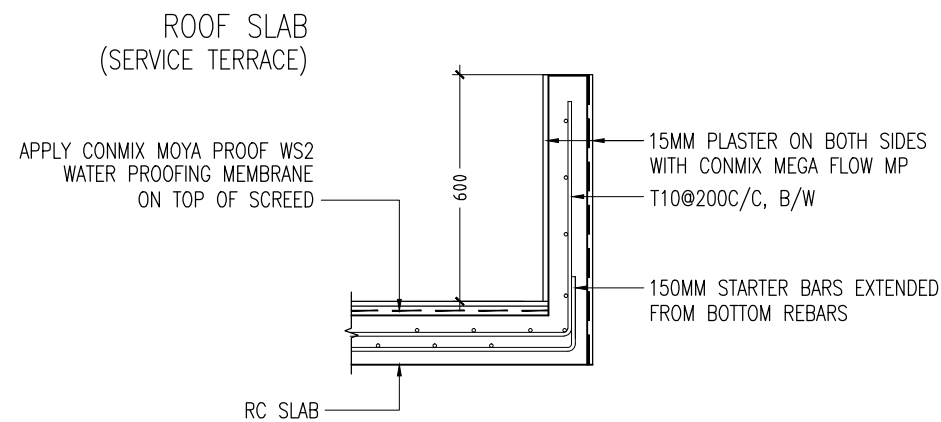
DWG NO

PROJECT NO.: 13-080

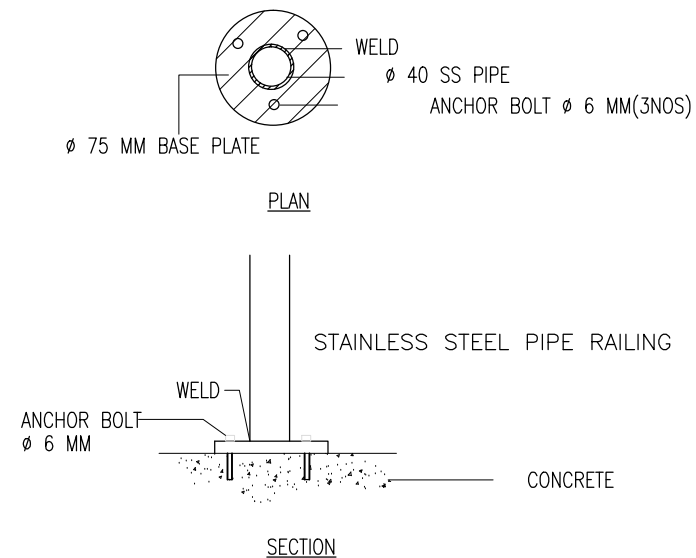
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GUTTER DETAILS
SCALE 1:20



TYPICAL RC PARAPET WALL ON ROOF SLAB
SCALE 1:20



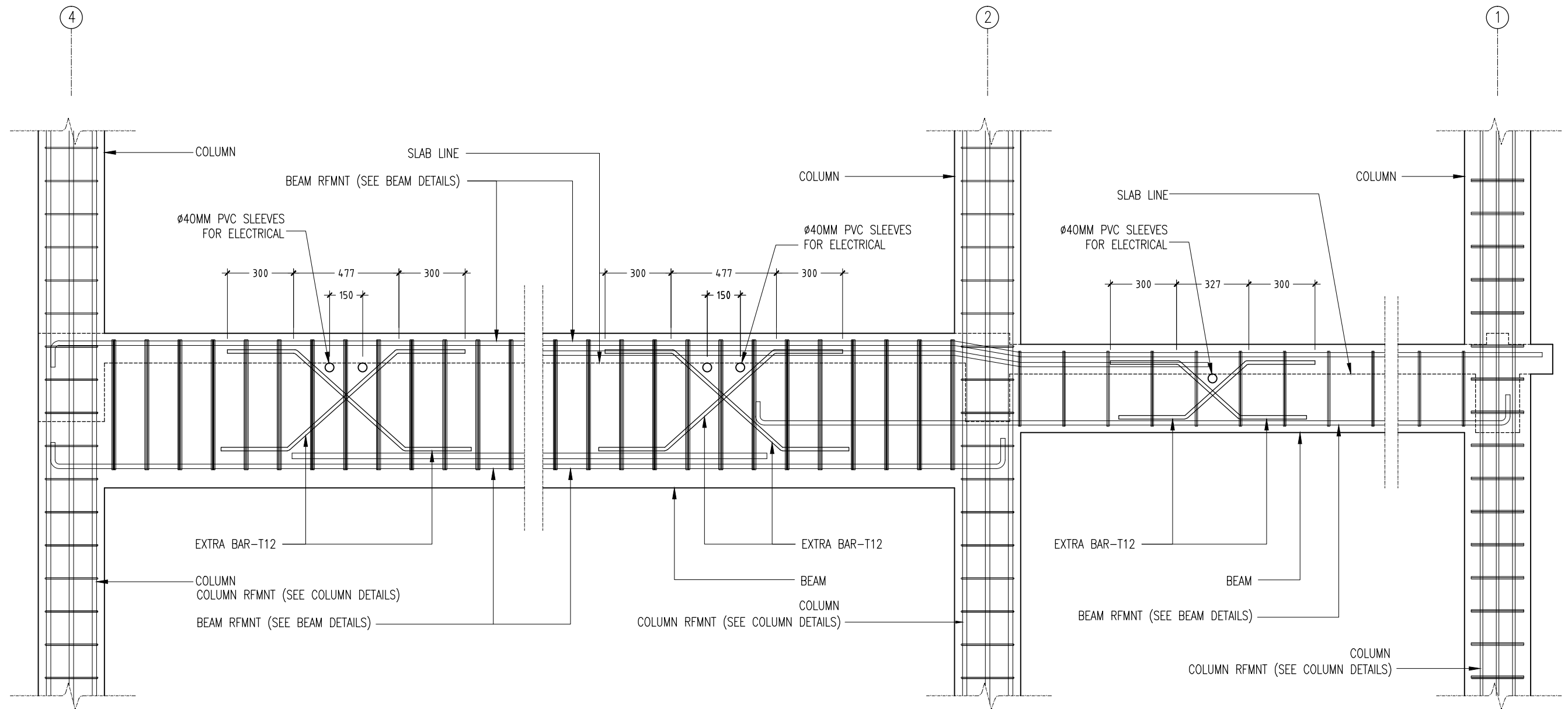
**STAIR CASE RAILING HAND RAIL
CONNECTION DETAIL**

CONTRACTORS MUST
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DRAWINGS FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: THREE STOREY SCHOOL BUILDNG	<div>S-18</div> <div>DWG NO</div> <div>PROJECT NO.: 13-080</div>
	ENGINEER: MOHAMED ALI	LOCATION: HDH. KULHUDHUHFUSHI , MALDIVES	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: THE MALDIVES NATIONAL UNIVERSITY	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015	
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TYPICAL PROVISION FOR ELECTRICAL PIPE - LONG SECTION THROUGH BEAM
SCALE 1:20

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REVISION:

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

PROJECT: THREE STOREY SCHOOL BUILDING
LOCATION: HDH. KULHUDHUHFUSHI, MALDIVES
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CLIENT: THE MALDIVES NATIONAL UNIVERSITY
SCALE: AS GIVEN DIMENSION: MM DATE: 31TH MAY 2015

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DWG NO
PROJECT NO.: 13-080

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