

# **PROPOSED 03 CLASS ROOM BLOCK AT GAAF ALIF VILLINGILI**

**( SINGLE STOREY )**

**ENHANCING EDUCATION DEVELOPMENT PROJECT (EEDP)**

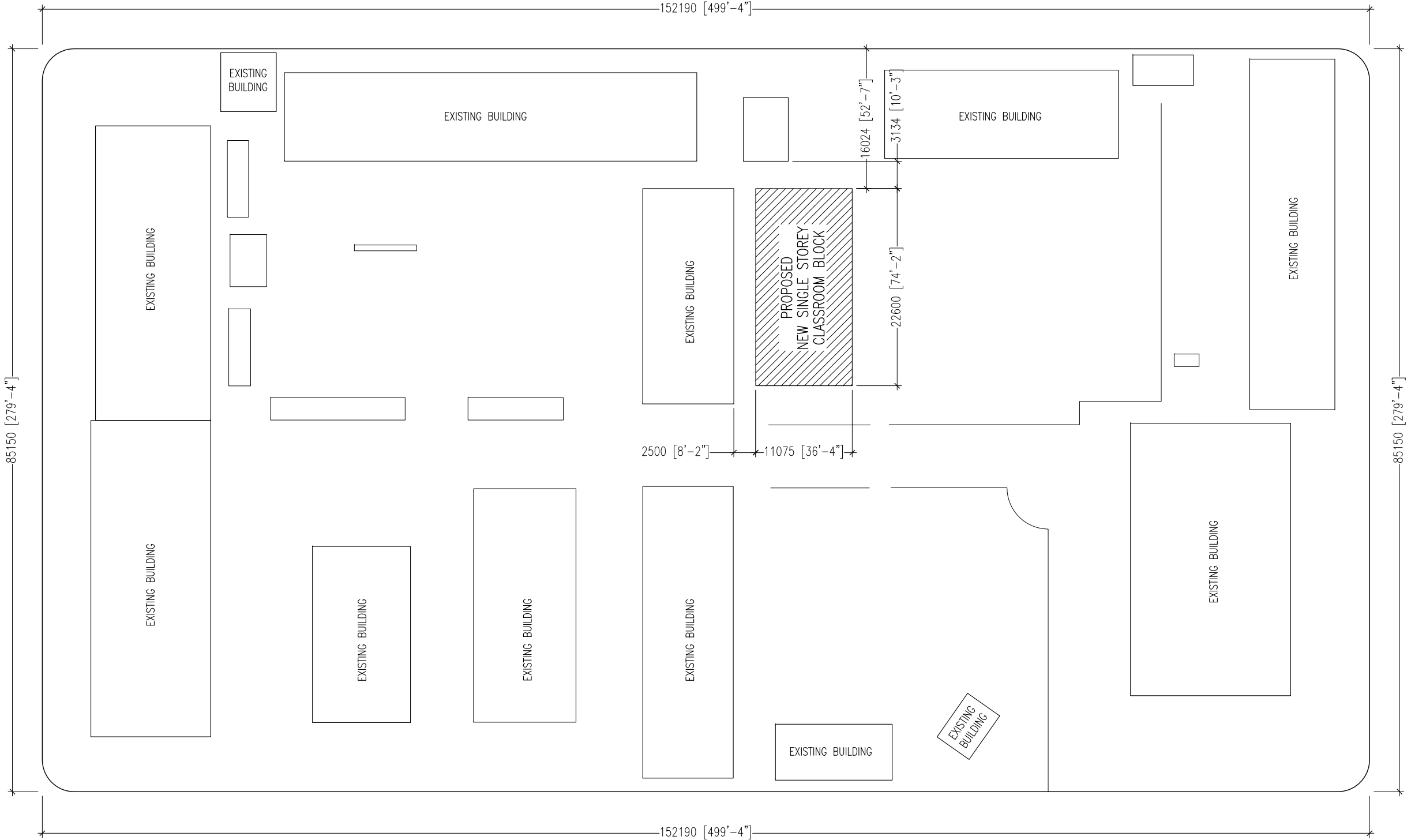
## **DETAIL DRAWINGS**

MAY 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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



GA. VILLINGILI ISLAND MAP  
SCALE : NTS

PROPOSED BUILDING FOOT PRINT AREA : 250.295 SQM ( 2694.152 SQFT )  
**SITE LAYOUT PLAN**  
SCALE 1:500



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



REVISION:

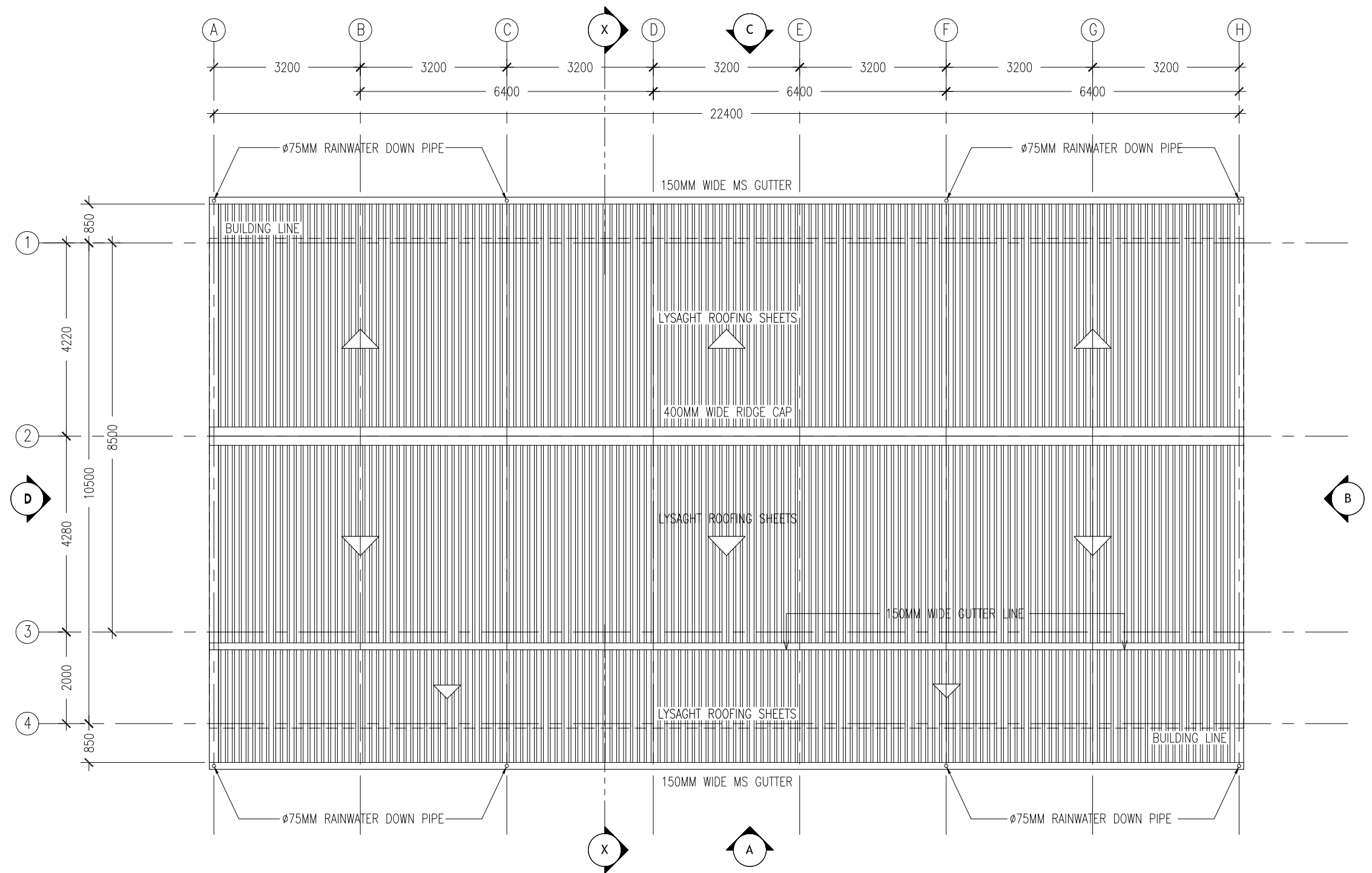
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

PROJECT:	PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )		
LOCATION:	GAA ALIF VILLINGILI		
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION:	MM
DATE:	MAY 2015		

<b>A-00</b>
DWG NO
PROJECT NO.: 14-124

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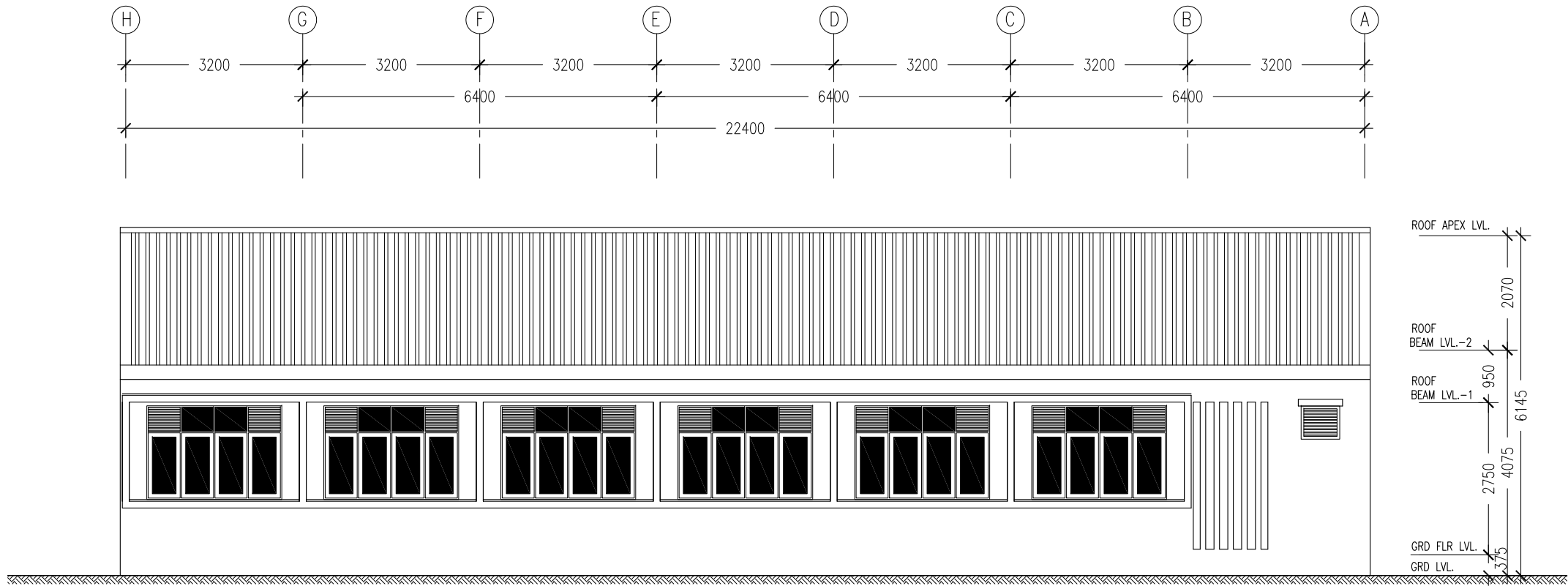
ROOF LAYOUT PLAN  
SCALE 1:100

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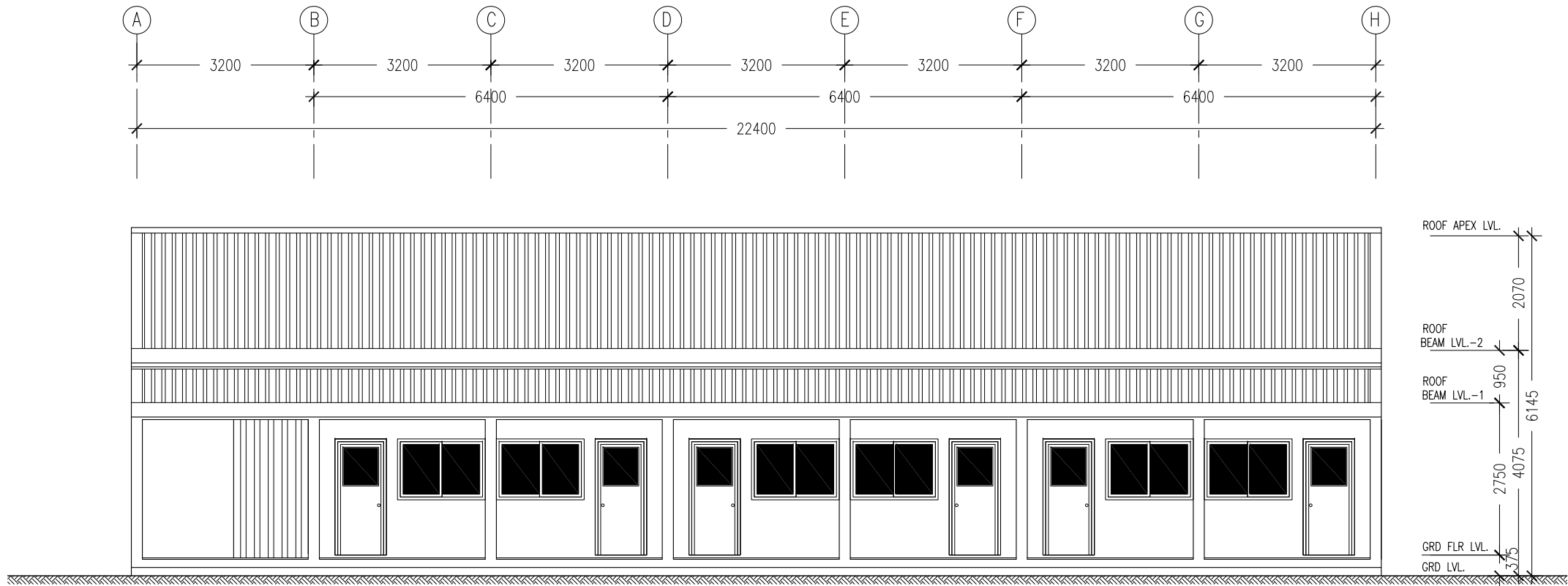
**ArchEng**  
studio  
Ma Fiyajahaage, 1st floor, Male, Republic of Maldives  
admin@archeng.biz

REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )	<b>A-02</b> DWG NO PROJECT NO.: 14-124
	ENGINEER: MOHAMED AHSAN	LOCATION: GAA ALIF VILLINGILI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	DIMENSION: MM
		DATE: MAY 2015	

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ELEVATION - B  
SCALE 1:100



ELEVATION - A  
SCALE 1:100

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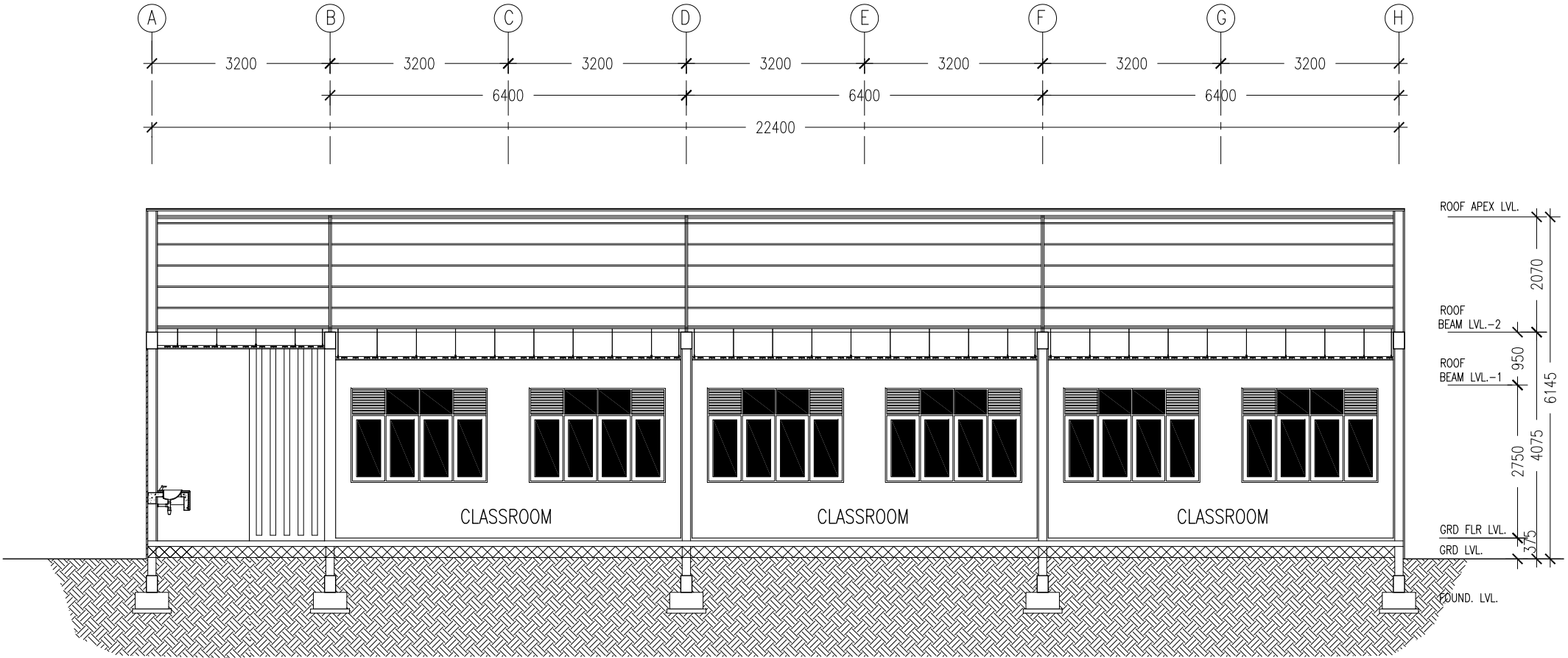


REVISION:

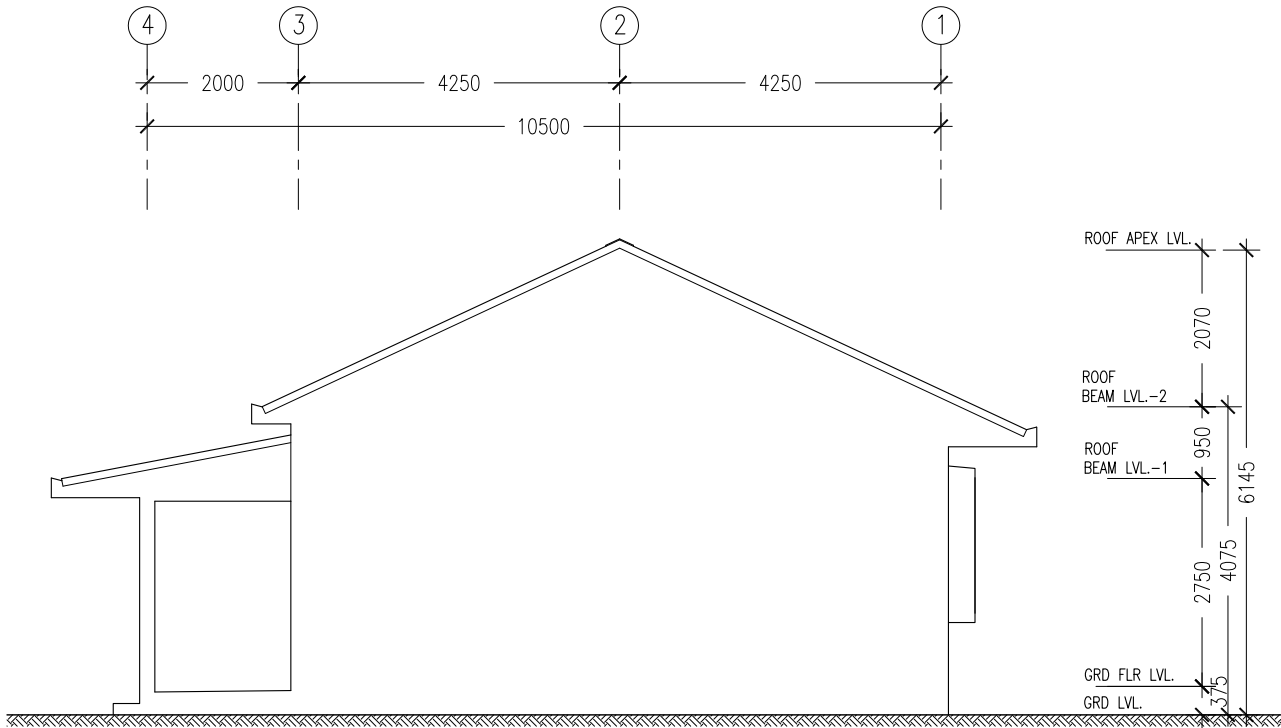
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

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SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	MAY 2015

A-03
DWG NO
PROJECT NO.: 14-124



SECTION X-X  
SCALE 1:100



ELEVATION - C  
SCALE 1:100

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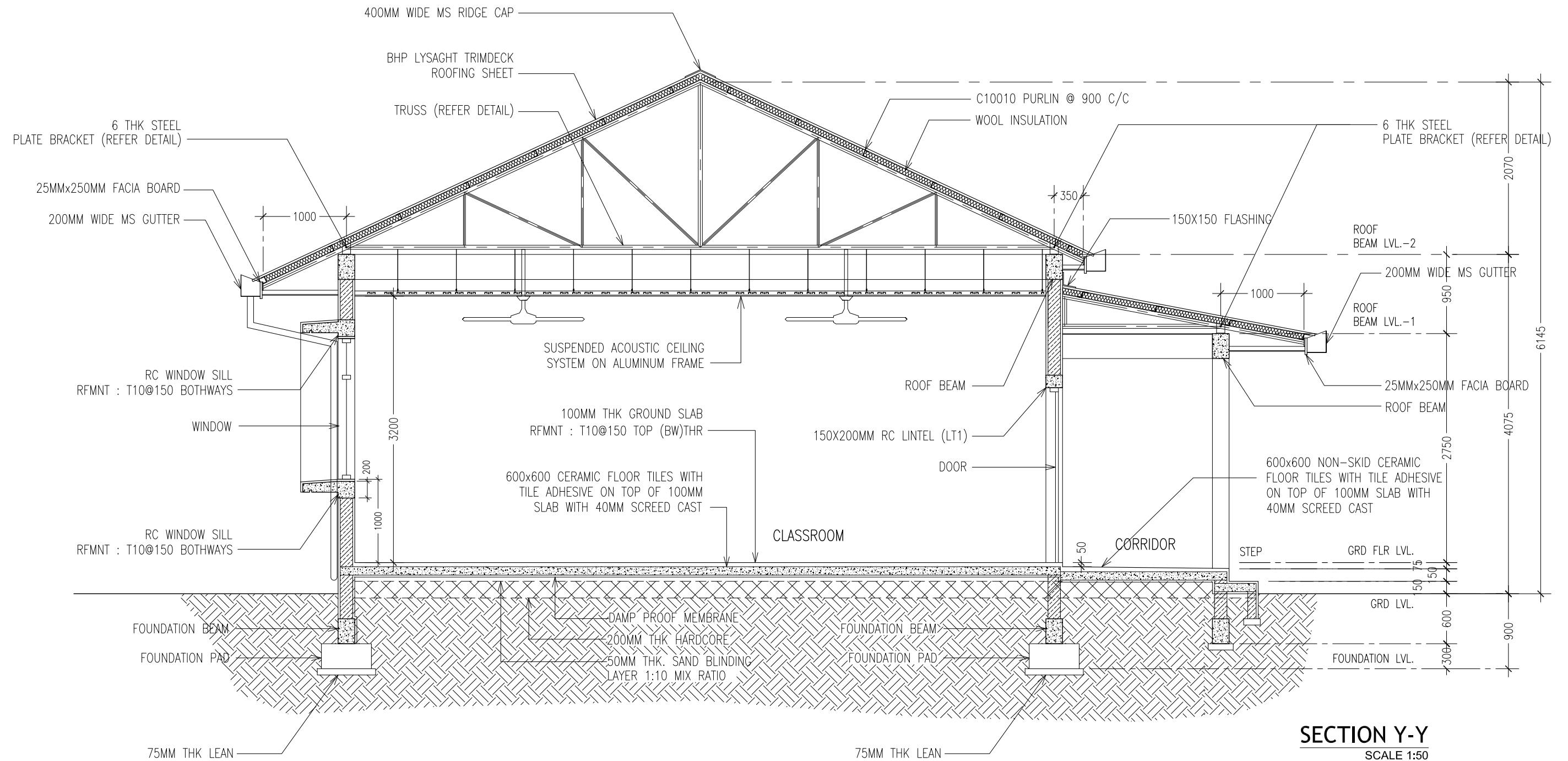
REVISION:

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

PROJECT: PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )  
LOCATION: GAA ALIF VILLINGILI  
DRAWING TITLE: AS GIVEN  
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SCALE: AS GIVEN  
DIMENSION: MM  
DATE: MAY 2015

**A-04**  
DWG NO  
PROJECT NO.: 14-124

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SECTION Y-Y  
SCALE 1:50

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REVISION:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

ARCHITECT: MOHAMED HAMEEN  
ENGINEER: MOHAMED AHSAN  
SERVICES ENG:  
ESTIMATOR:  
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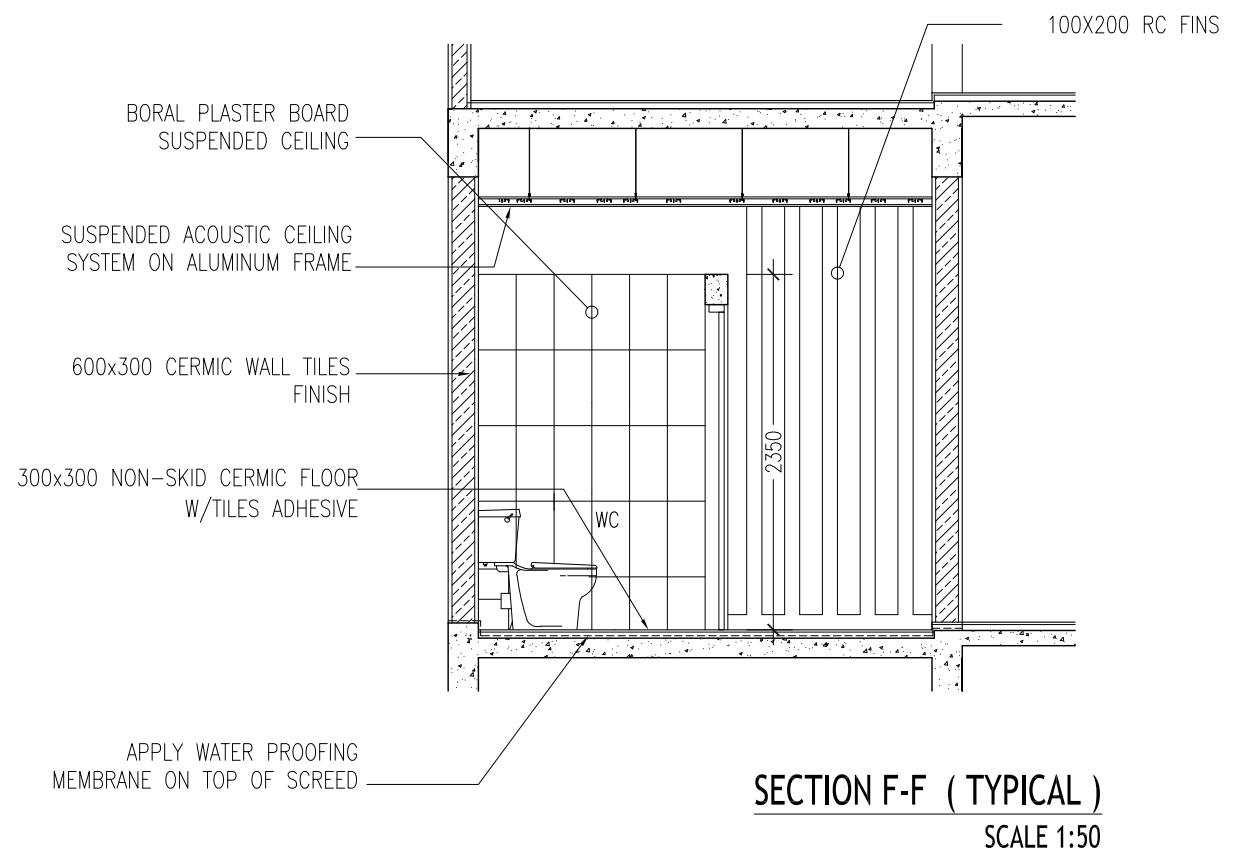
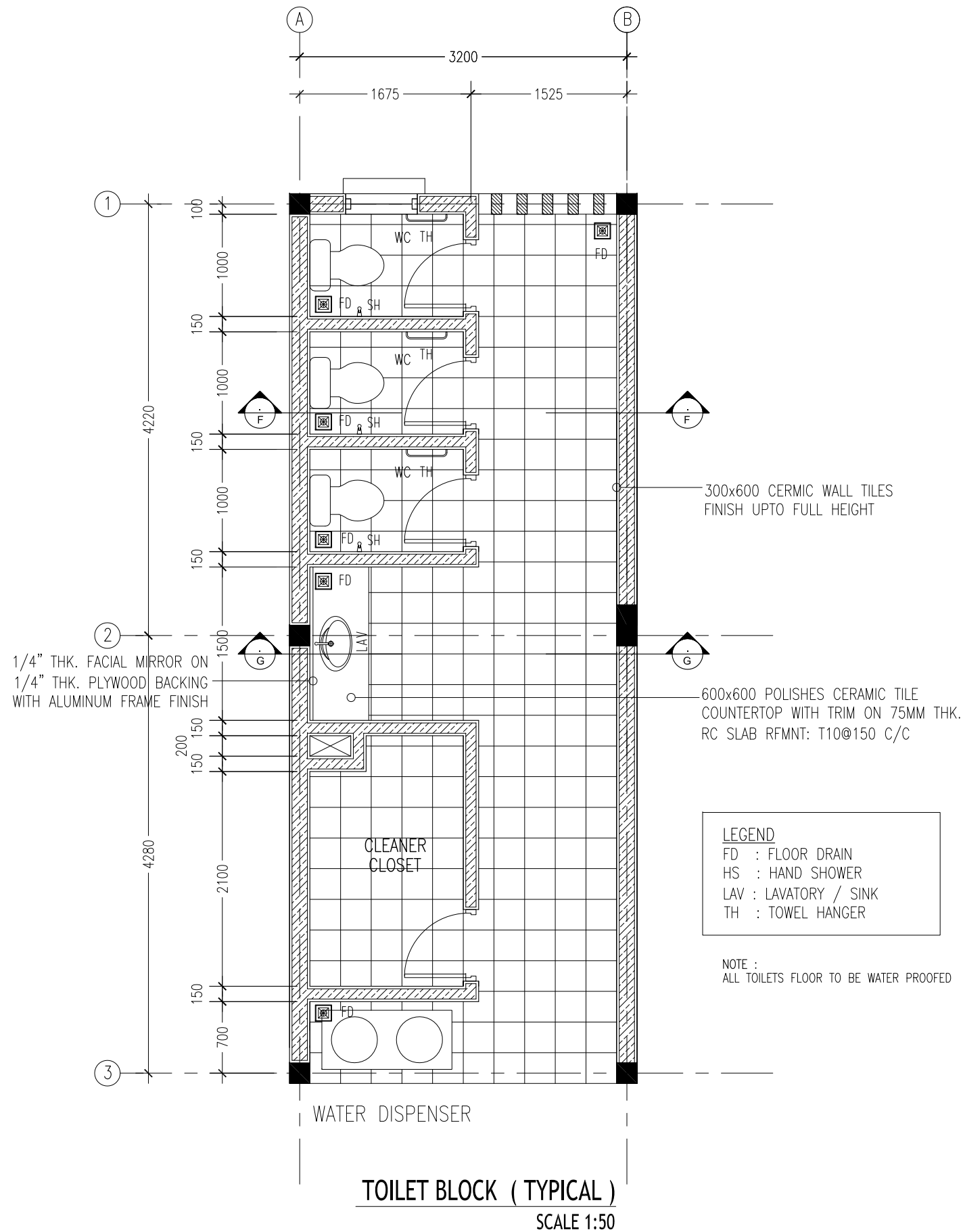
PROJECT: PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )  
LOCATION: GAA ALIF VILLINGILI  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

**A-05**  
DWG NO  
PROJECT NO.: 14-124

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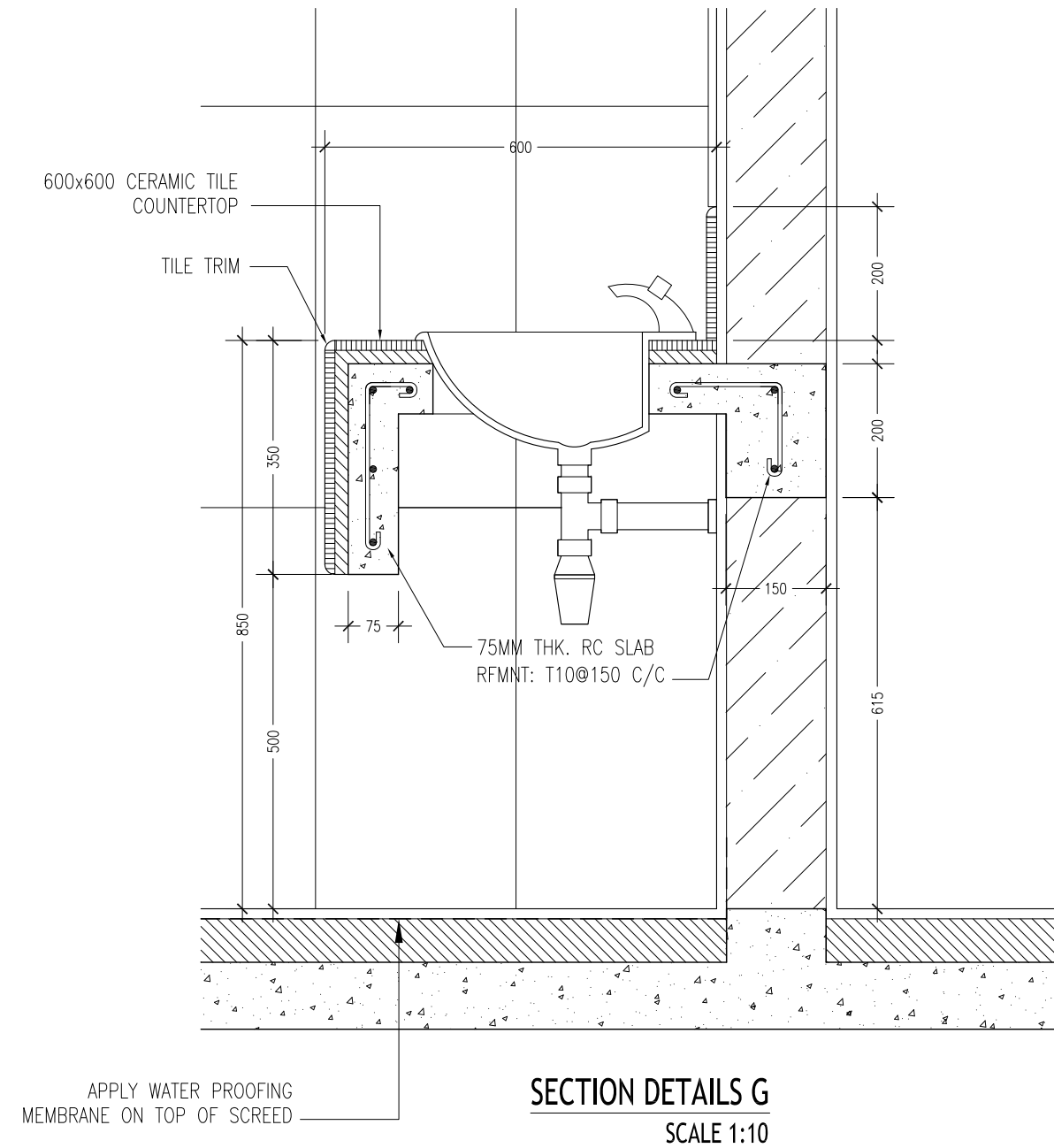
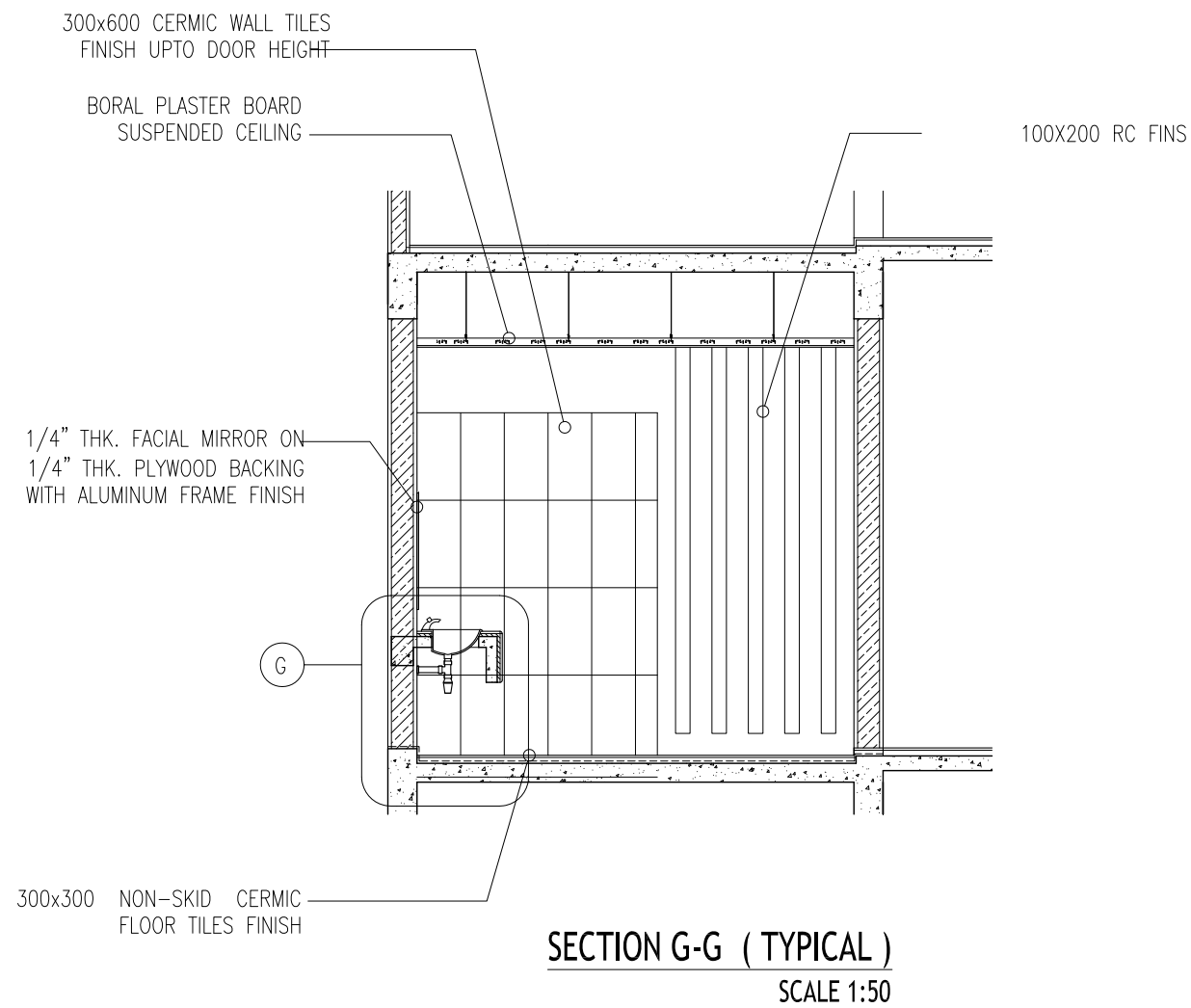




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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )	<b>A-07</b>
	ENGINEER: MOHAMED AHSAN	LOCATION: GAA ALIF VILLINGILI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN    DIMENSION: MM    DATE: MAY 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.: 14-124



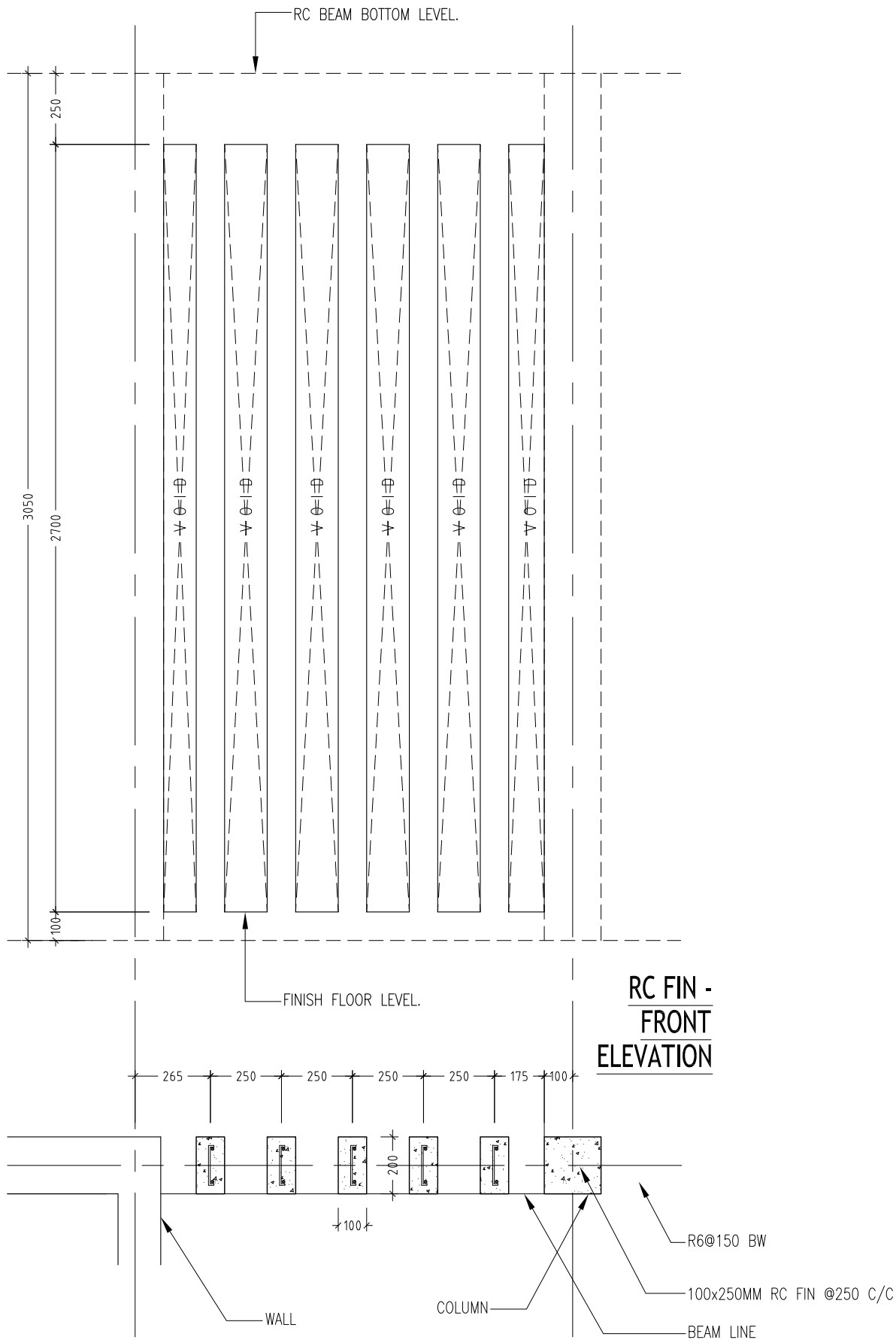
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )	<b>A-08</b>
	ENGINEER: MOHAMED AHSAN	LOCATION: GAA ALIF VILLINGILI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	DWG NO
		DIMENSION: MM	PROJECT NO.: 14-124
		DATE: MAY 2015	

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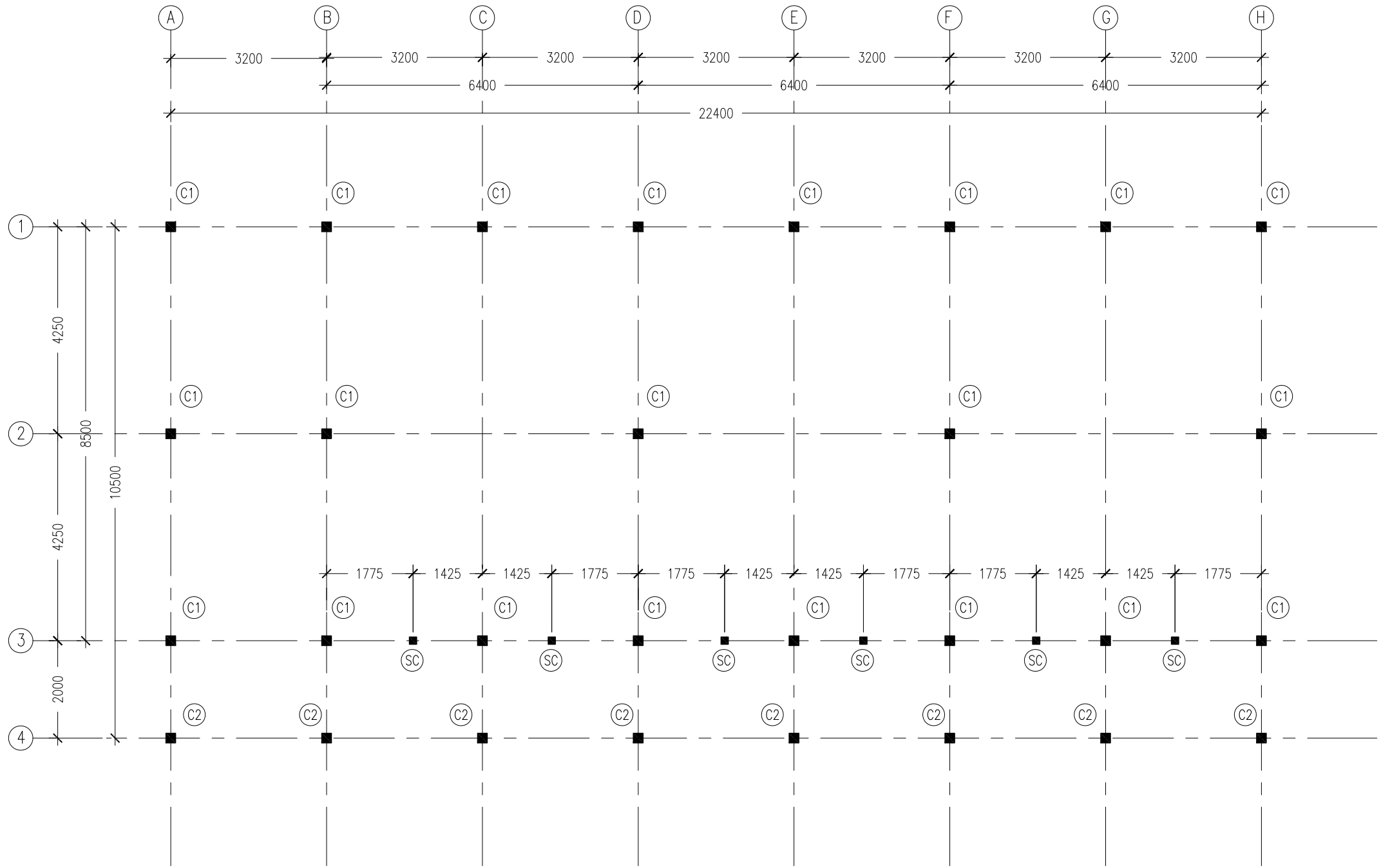
REVISION:	

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		DATE:	MAY 2015

<b>A-09</b>	DWG NO
	PROJECT NO.: 14-124

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- NOTES :
- COVER TO FOUNDATION: 50MM
  - COVER TO BEAMS : 50MM
  - COVER TO COLUMNS : 40MM
  - CONCRETE MIX : 1:2:3  
UNLESS STATED

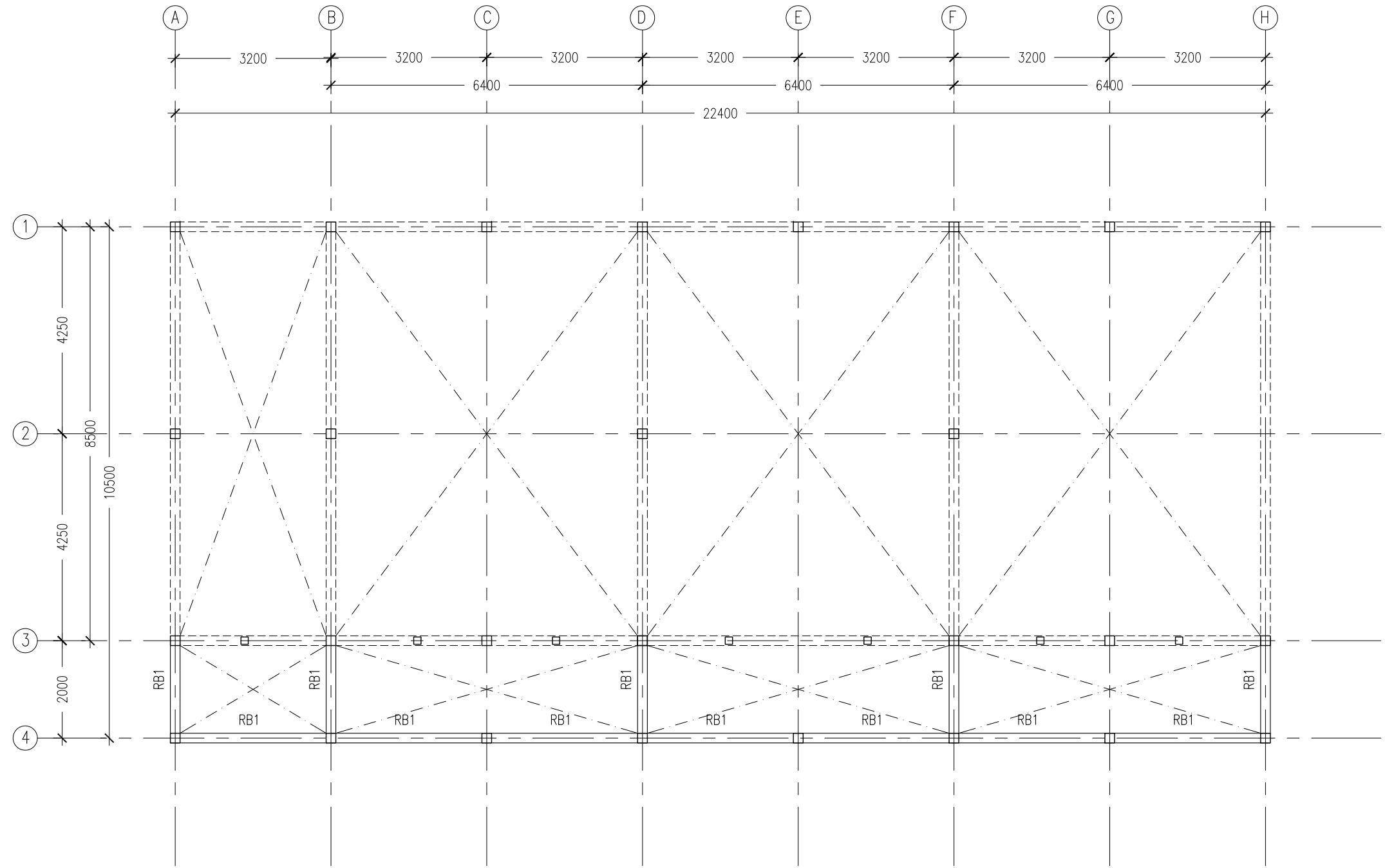
COLUMN SETTING LAYOUT PLAN  
SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN		PROJECT: PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )			<div>S-01</div> <div>DWG NO</div> <div>PROJECT NO.: 14-124</div>
	ENGINEER: MOHAMED AHSAN		LOCATION: GAA ALIF VILLINGILI			
	SERVICES ENG:		DRAWING TITLE: AS GIVEN			
	ESTIMATOR:		CLIENT: MINISTRY OF EDUCATION			
	DRAWN BY: ASFAN AHMED		SCALE: AS GIVEN	DIMENSION: MM	DATE: MAY 2015	

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- NOTES :
- COVER TO BEAMS : 50MM
  - COVER TO COLUMNS : 40MM
  - CONCRETE MIX : 1:2:3  
UNLESS STATED

ROOF BEAM @2.75M FROM FFL LAYOUT PLAN

SCALE 1:100

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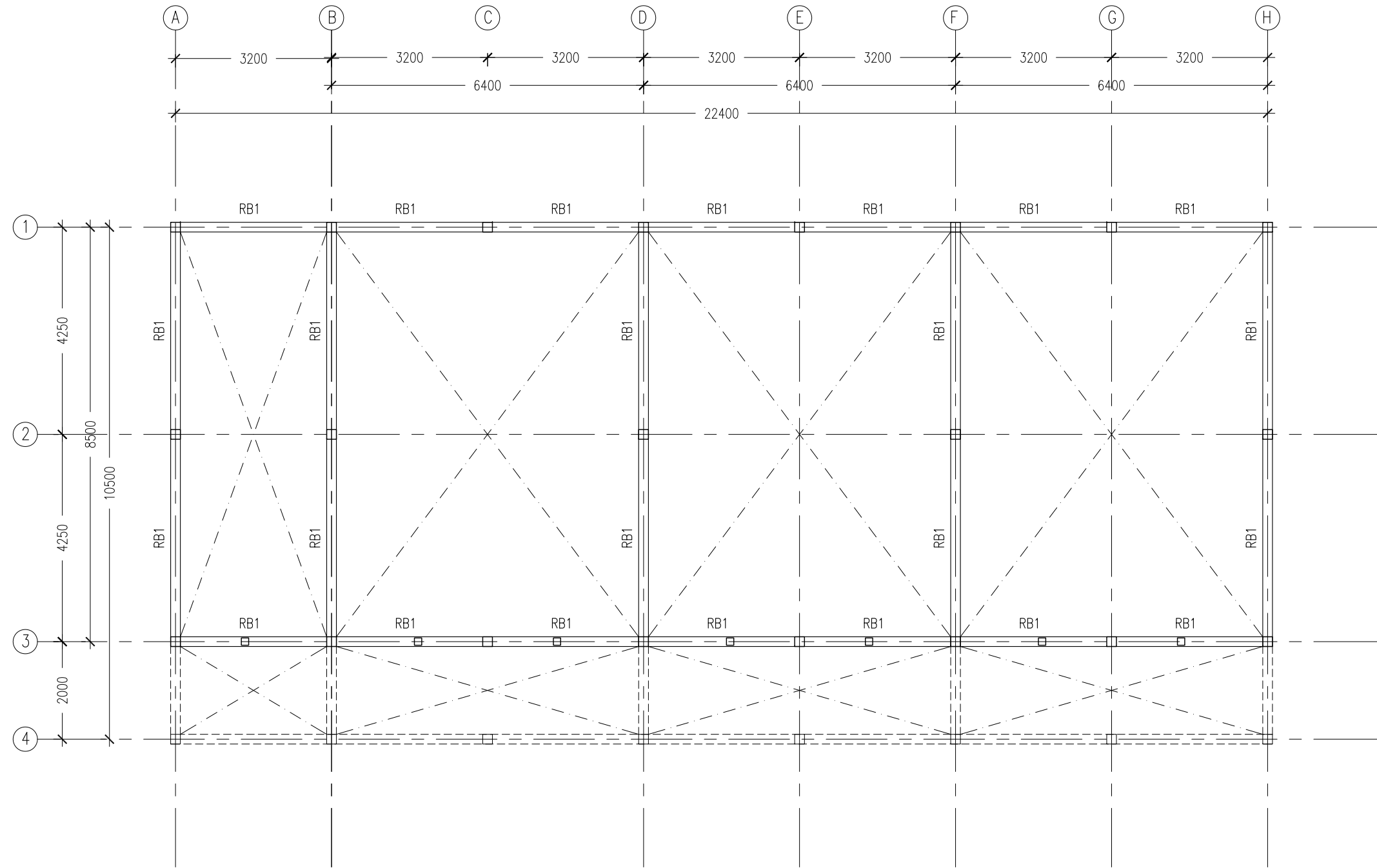
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SCALE:	AS GIVEN	DIMENSION: MM	DATE: MAY 2015

<b>S-03</b>
DWG NO
PROJECT NO.: 14-124

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- NOTES :
- COVER TO BEAMS : 50MM
  - COVER TO COLUMNS : 40MM
  - CONCRETE MIX : 1:2:3  
UNLESS STATED

ROOF BEAM @ 3.7M FROM FFL LAYOUT PLAN

SCALE 1:100

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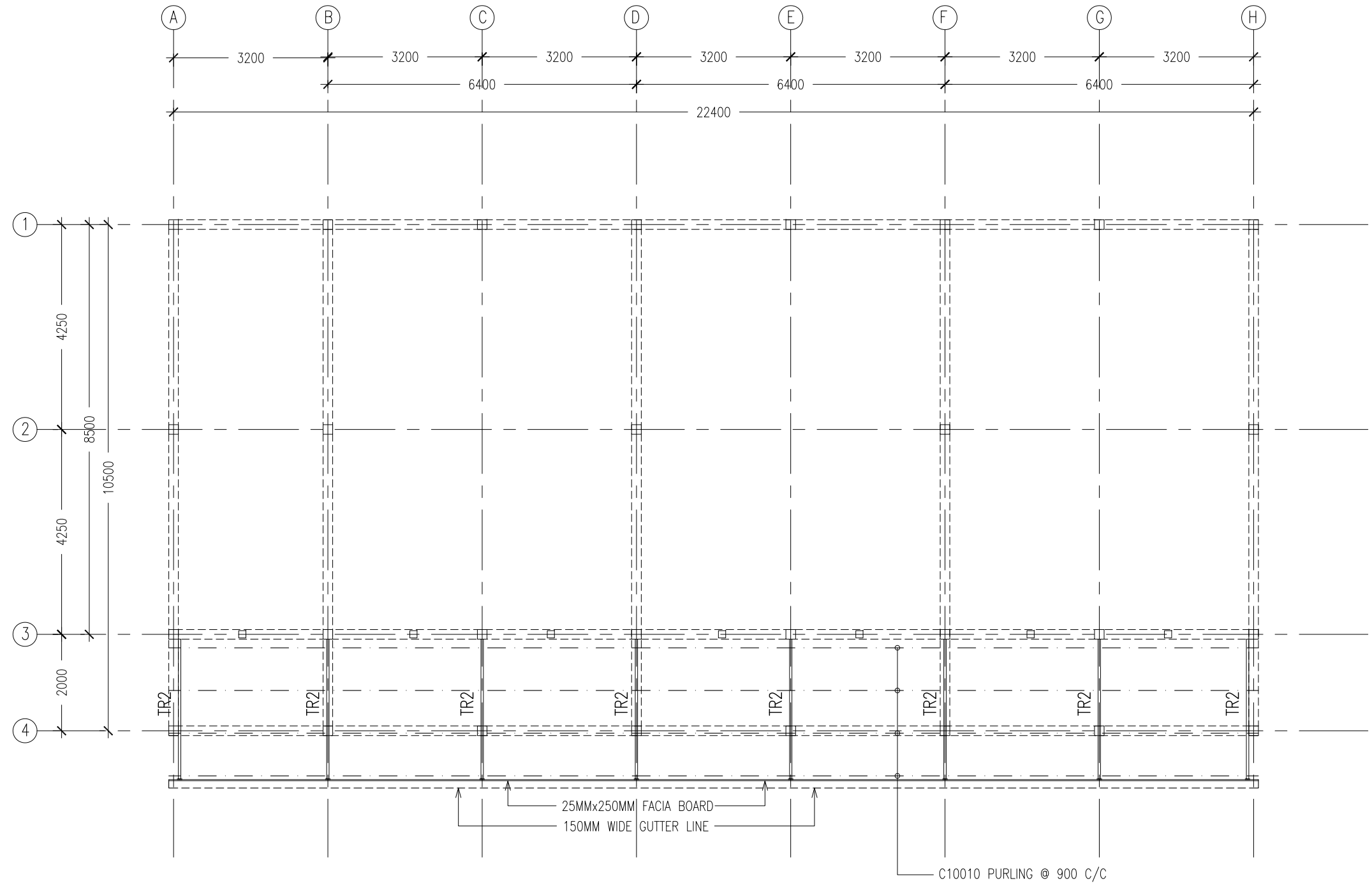
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S-04

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ROOF STRUCTURE @ 2.75M FROM FFL LAYOUT PLAN  
SCALE 1:100

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REVISION:

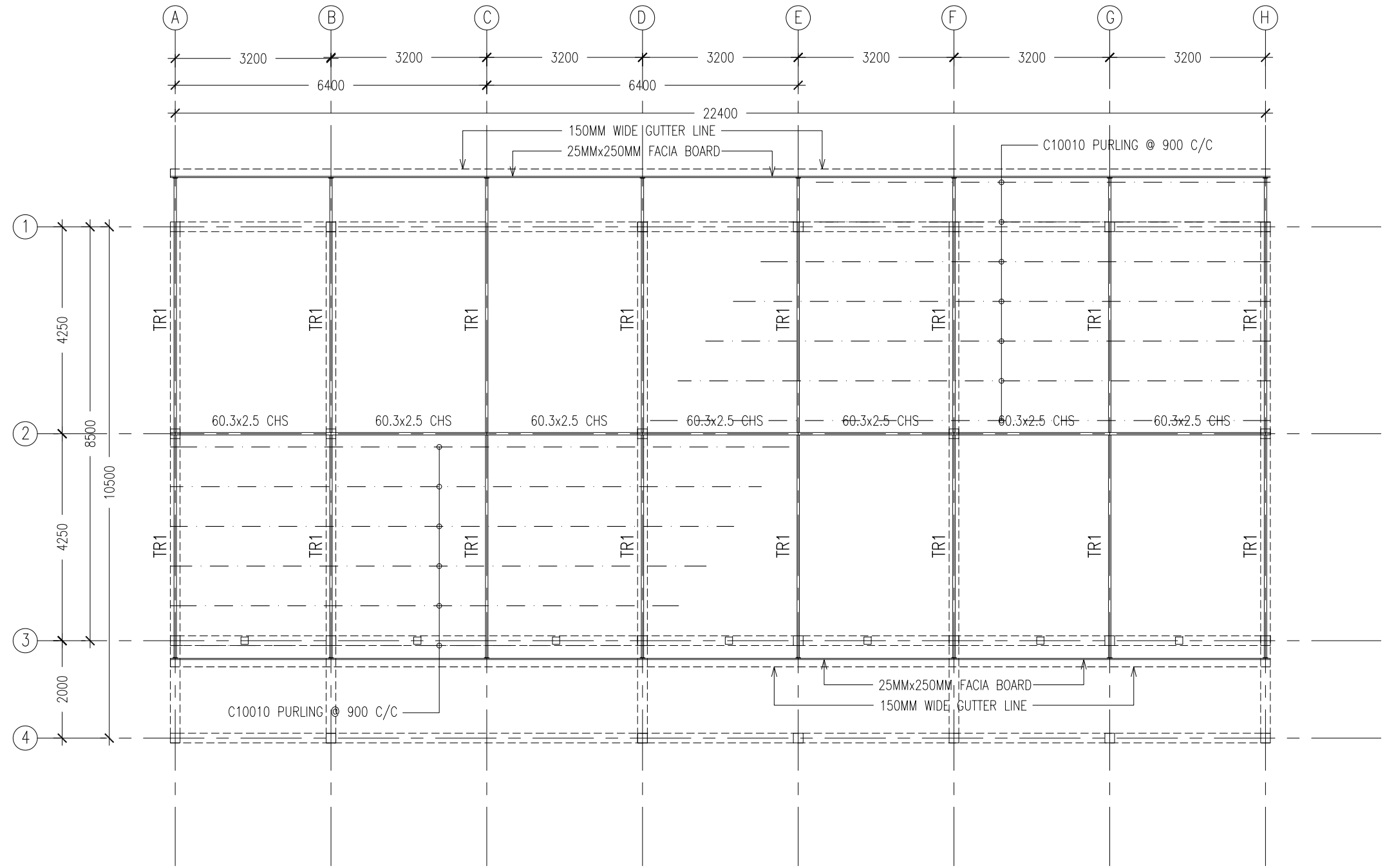
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<b>S-05</b>	DWG NO
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ROOF STRUCTURE @ 3.7M FROM FFL LAYOUT PLAN  
SCALE 1:100

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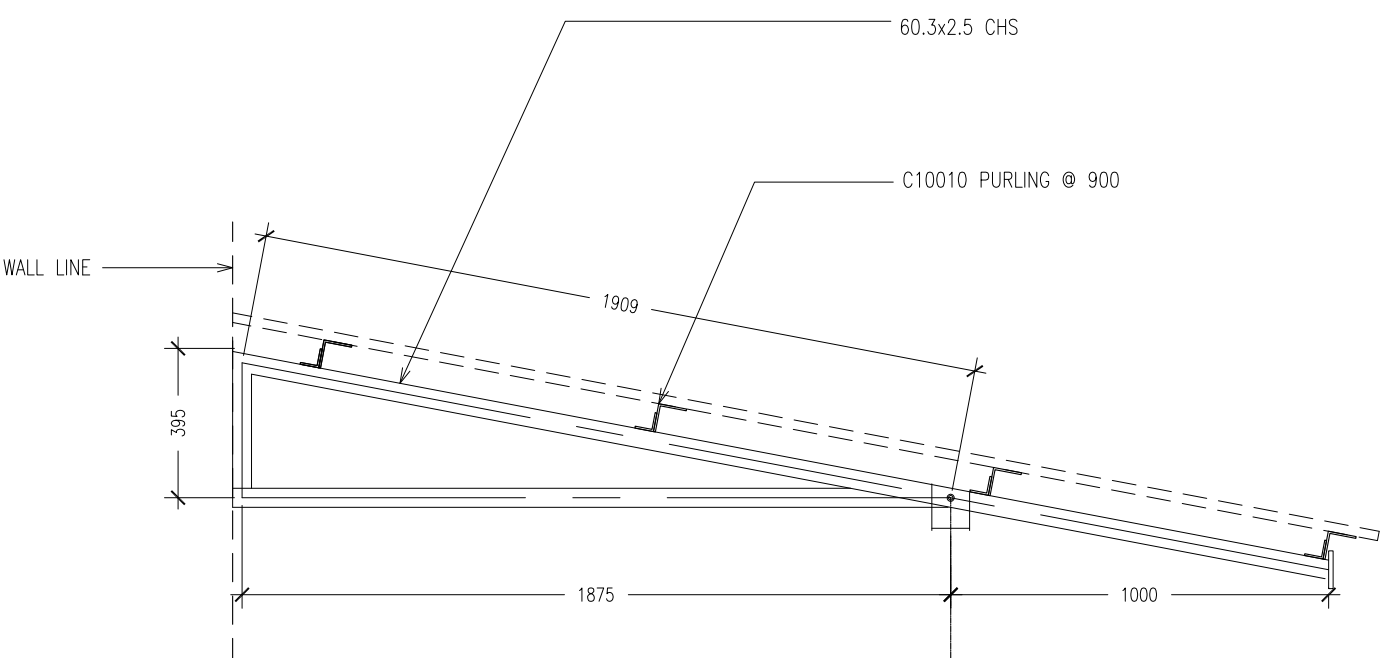
S-06

DWG NO

PROJECT NO.: 14-124

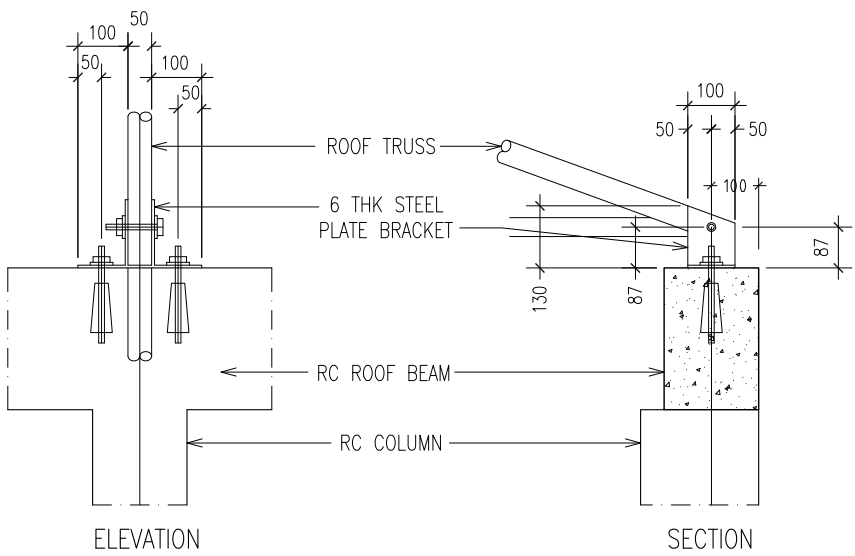
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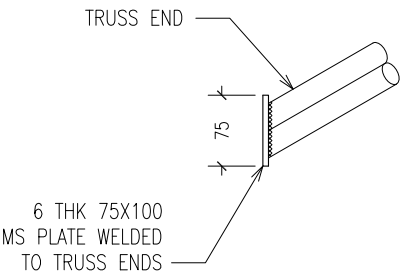
TRUSS - TR2

SCALE 1:20



TYPICAL TRUSS FIXING DETAILS

SCALE : NTS



TYPICAL TRUSS END DETAILS

SCALE : NTS

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**S-08**

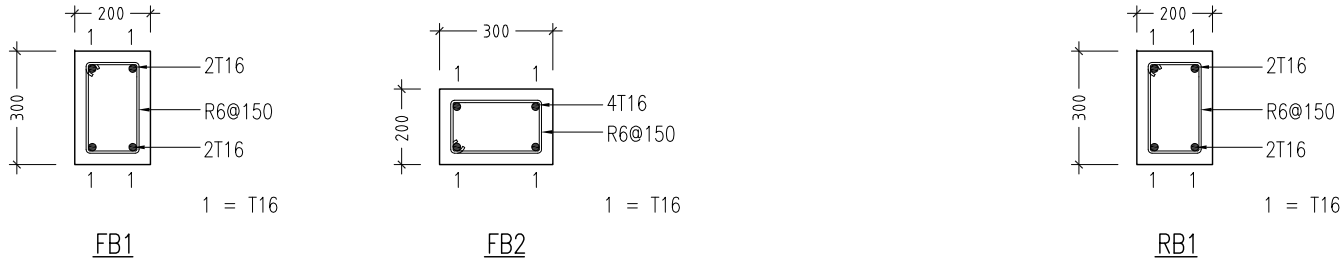
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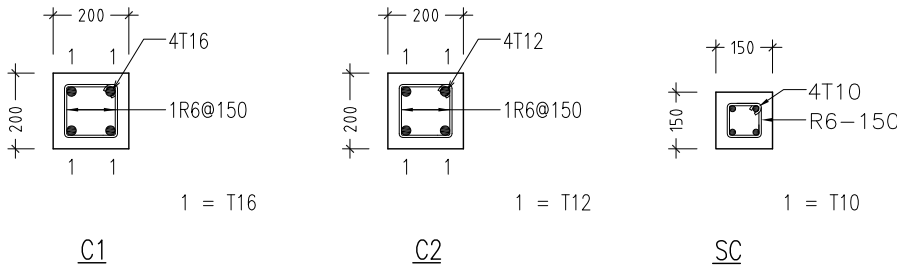
	FOOTING	LENGTH/mm	WIDTH/mm	DEPTH/mm	REINFORCEMENT
	F1	700	700	300	T12@150mm C/C BW BOTTOM
	F2	850	850	300	T12@150mm C/C BW BOTTOM

FOOTING DETAILS



FOUNDATION BEAM DETAILS

SCALE 1:20

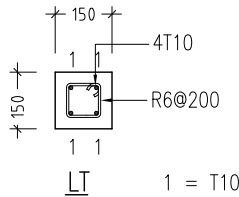


COLUMN DETAILS

SCALE 1:20

ROOF BEAM DETAIL

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	PROJECT:	PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )			<div>S-09</div>
	ENGINEER:	MOHAMED AHSAN	LOCATION:	GAA ALIF VILLINGILI			
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN			
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**( SINGLE STOREY )**

**ENHANCING EDUCATION DEVELOPMENT PROJECT (EEDP)**

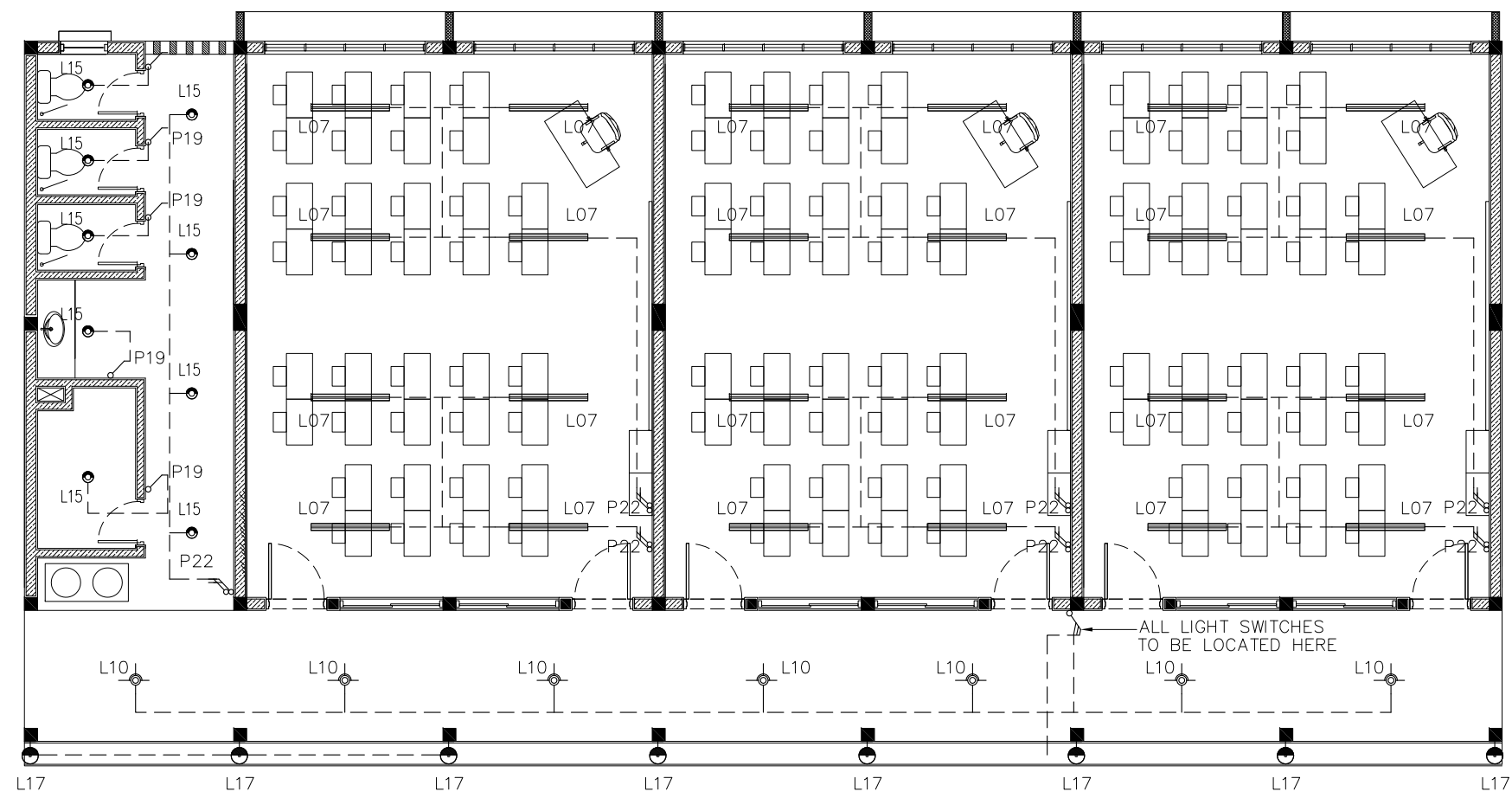
## **ELECTRICAL DRAWINGS**

MAY 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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



LEGEND

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

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

GROUND FLOOR LIGHTING LAYOUT PLAN  
SCALE 1:100

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



REVISION:

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

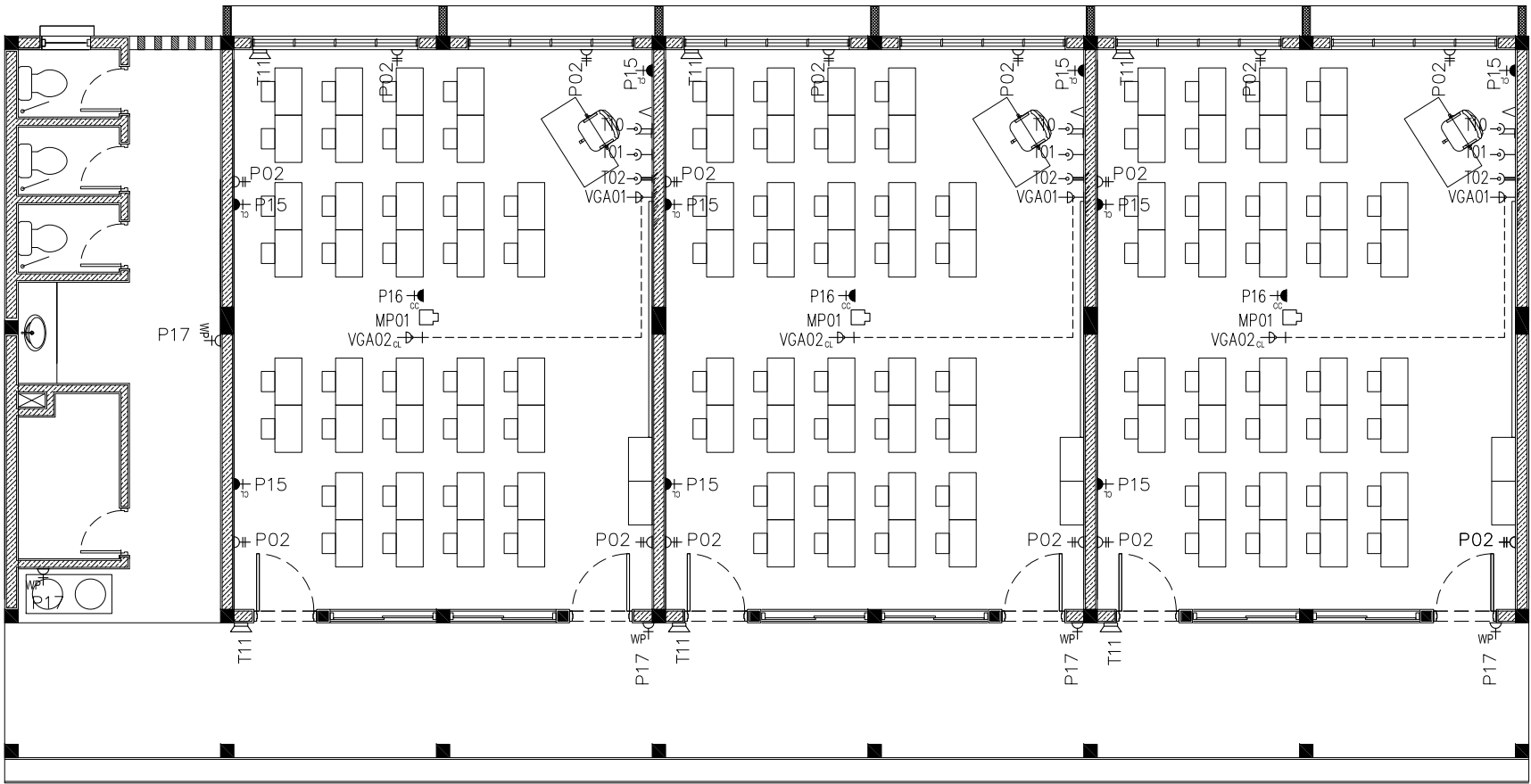
PROJECT:	PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )		
LOCATION:	GAA ALIF VILLINGILI		
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION: MM	DATE: MAY 2015

E-01

DWG NO

PROJECT NO.: 14-124

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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

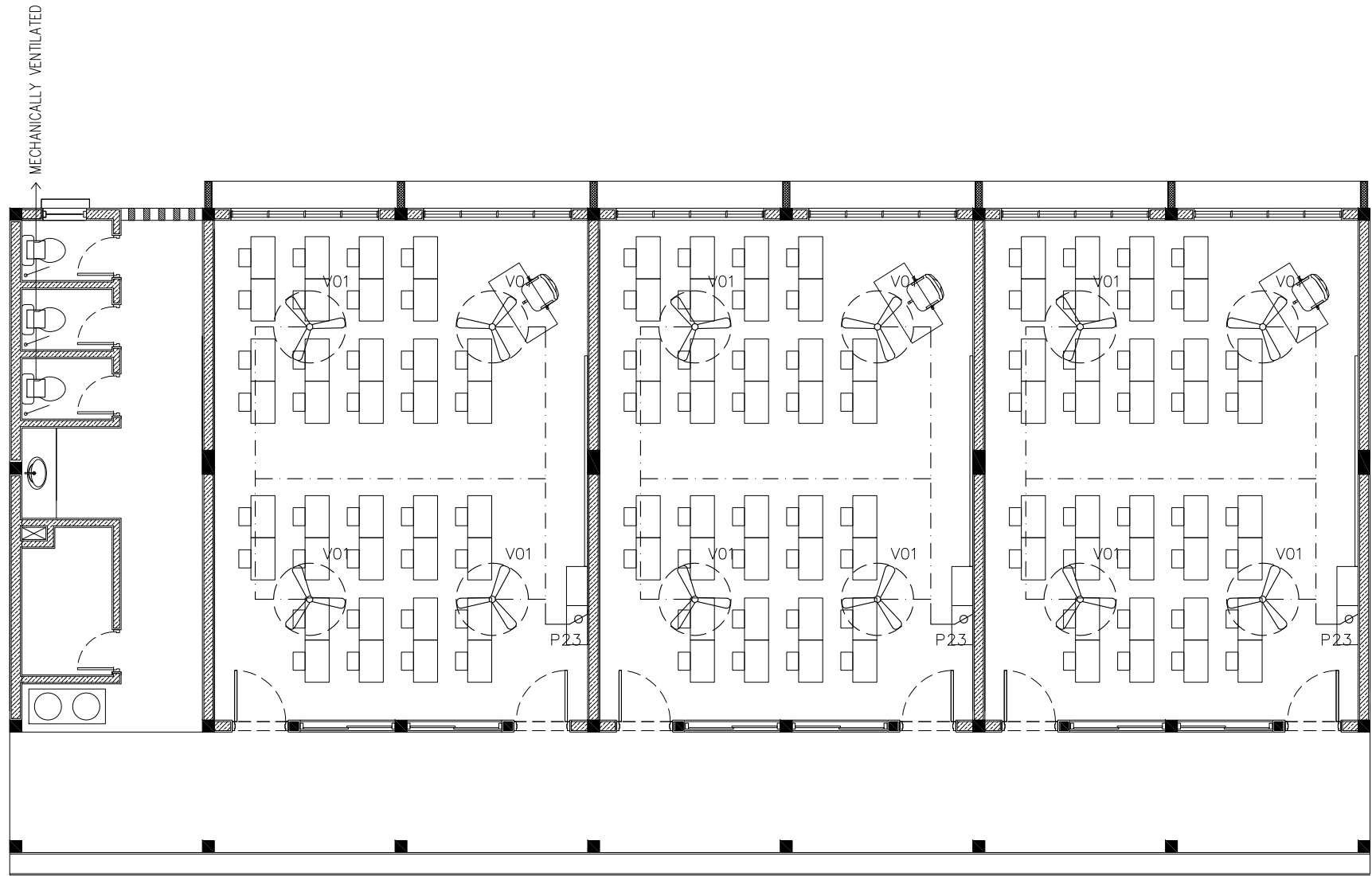
	VGA02	VGA CABLE AT CEILING LEVEL
	T01	PLAIN TELEPHONE OUTLET
	T02	COMPUTER NETWORK OUTLET
	MP01	MULTIMEDIA PROJECTOR
	T10	T.V POINT
	T11	SPEAKER

GROUND FLOOR POWER SOCKET LAYOUT PLAN  
SCALE 1:100

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PRECEDENCE OVER  
SCALE READINGS



REVISION:	ARCHITECT:	MOHAMED HAMEEN	PROJECT:	PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )			<div>E-02</div>
	ENGINEER:	MOHAMED AHSAN	LOCATION:	GAA ALIF VILLINGILI			
	SERVICES ENG:		DRAWING TITLE:	AS GIVEN			
	ESTIMATOR:		CLIENT:	MINISTRY OF EDUCATION			
	DRAWN BY:	ASFAN AHMED	SCALE:	AS GIVEN	DIMENSION:	MM	
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						DWG NO	PROJECT NO.: 14-124



LEGEND

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

GROUND FLOOR FAN LAYOUT PLAN  
SCALE 1:100

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SCALE READINGS



REVISION:	

ARCHITECT:	MOHAMED HAMEEN
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ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

PROJECT:	PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )		
LOCATION:	GAA ALIF VILLINGILI		
DRAWING TITLE:	AS GIVEN		
CLIENT:	MINISTRY OF EDUCATION		
SCALE:	AS GIVEN	DIMENSION:	MM
		DATE:	MAY 2015

<b>E-03</b>
DWG NO
PROJECT NO.: 14-124

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# **PROPOSED 03 CLASS ROOM BLOCK AT GAAF ALIF VILLIGILI**

**( SINGLE STOREY )**

**ENHANCING EDUCATION DEVELOPMENT PROJECT (EEDP)**

## **PLUMBING DRAWINGS**

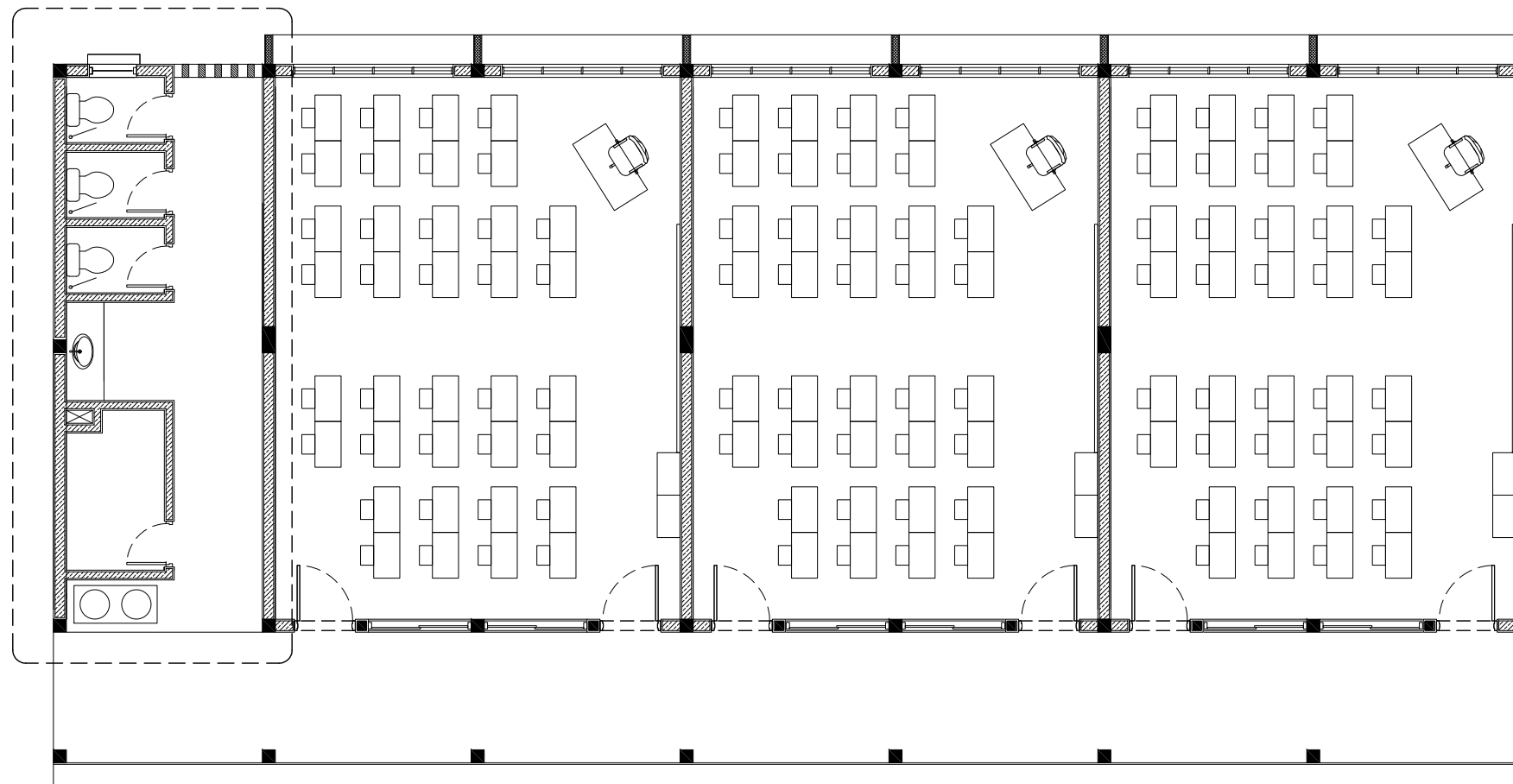
MAY 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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admin@archeng.biz

TOILET TYPE 1



## GROUND FLOOR PLUMBING KEY PLAN

SCALE 1:100

CONTRACTORS MUST  
CHECK ALL  
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DIMENSIONS TO TAKE  
PRECEDENCE OVER  
SCALE READINGS

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ENGINEER: MOHAMED AHSAN

SERVICES ENG:

ESTIMATOR:

DRAWN BY: ASFAN AHMED

PROJECT: PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )

LOCATION: GAA ALIF VILLINGILI

DRAWING TITLE: AS GIVEN

CLIENT: MINISTRY OF EDUCATION

SCALE: AS GIVEN

DIMENSION: MM

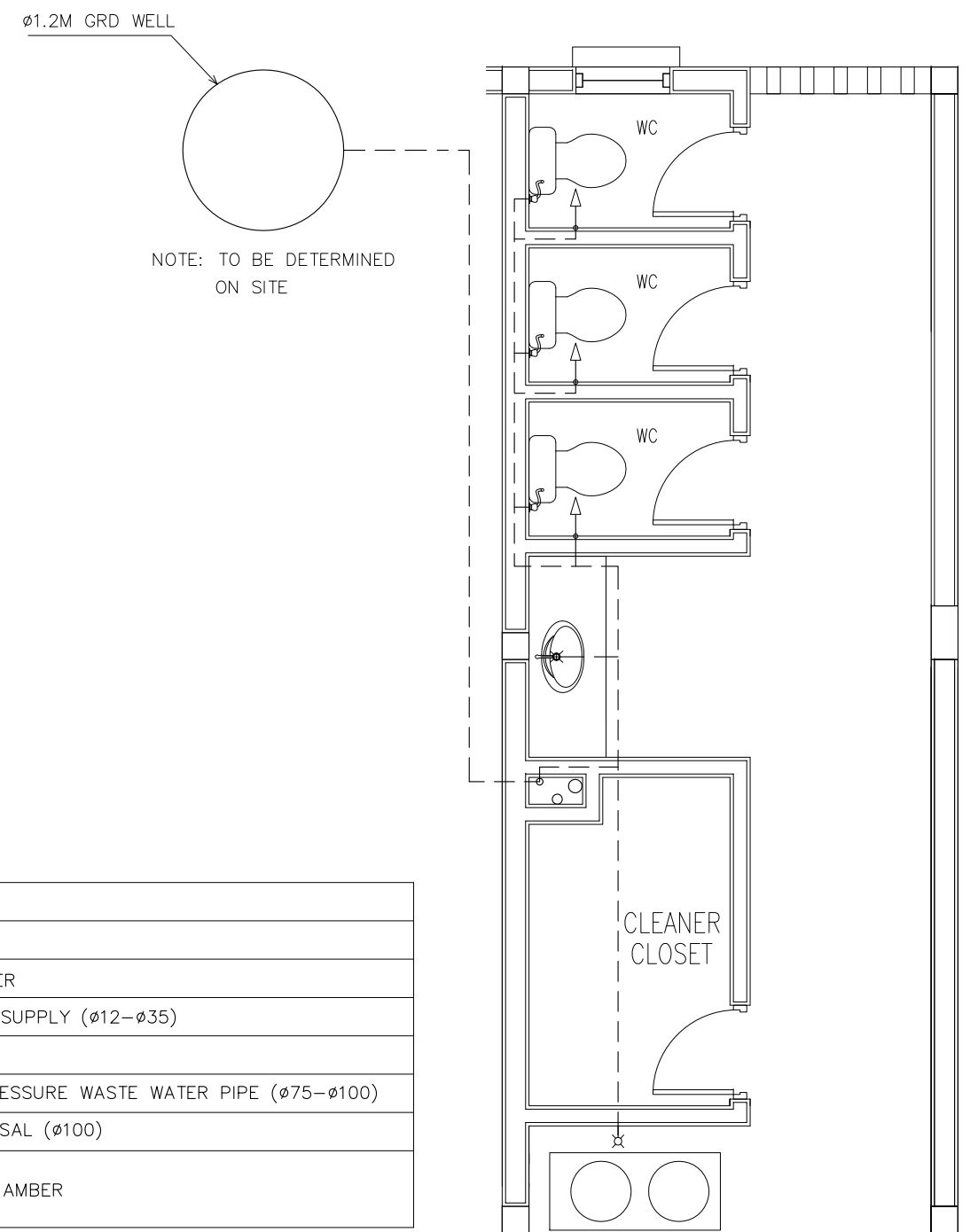
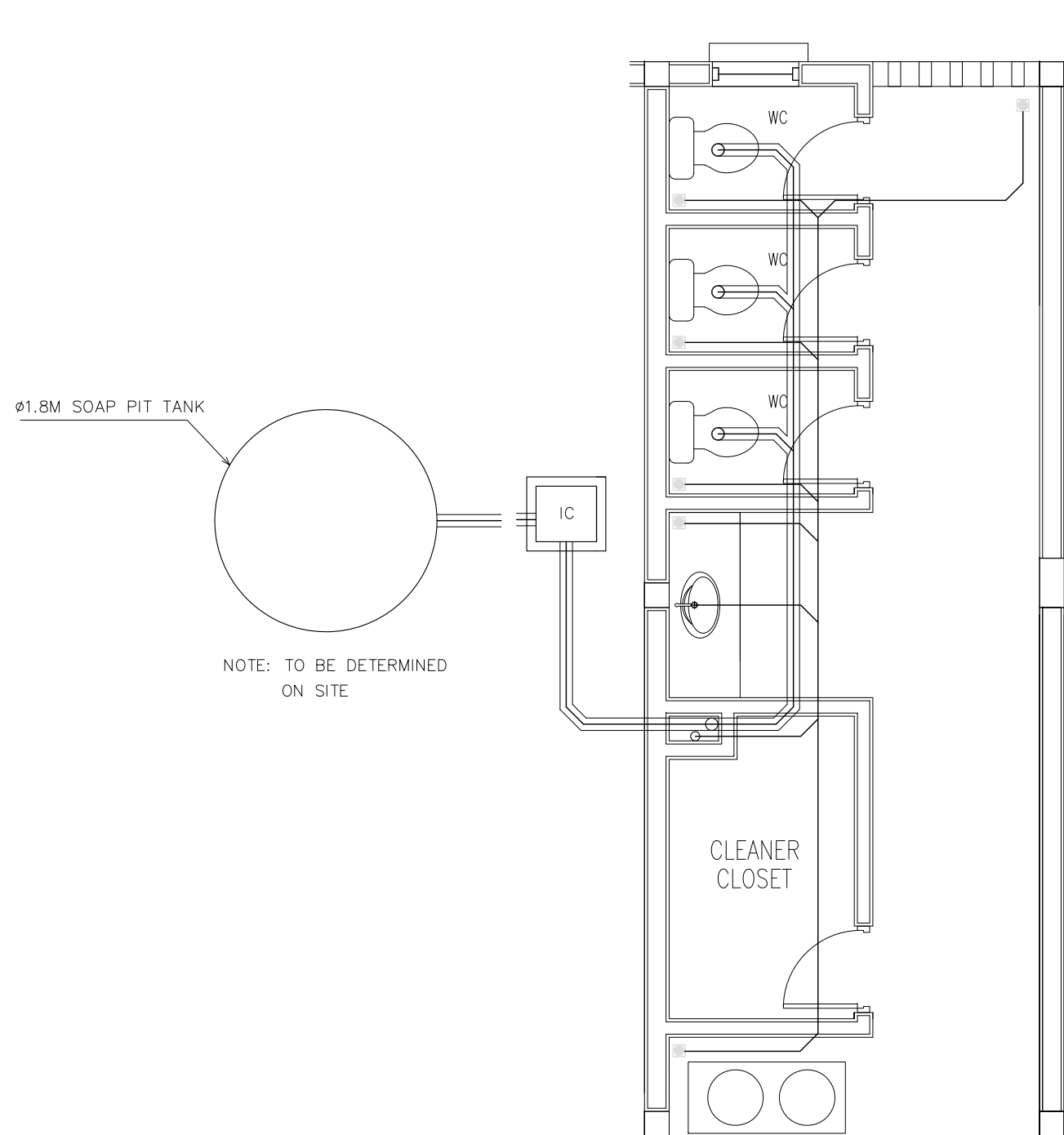
DATE: MAY 2015

**P-01**








DWG NO

PROJECT NO.: 14-124

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LEGEND

SYMBOL	DESCRIPTION
	TAP
	MUSLIM SHOWER
	MWSC WATER SUPPLY ( $\phi 12$ – $\phi 35$ )
	FLOOR DRAIN
	UPVC HIGH PRESSURE WASTE WATER PIPE ( $\phi 75$ – $\phi 100$ )
	SEWAGE DISPOSAL ( $\phi 100$ )
	INSPECTION CHAMBER

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SCALE READINGS

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

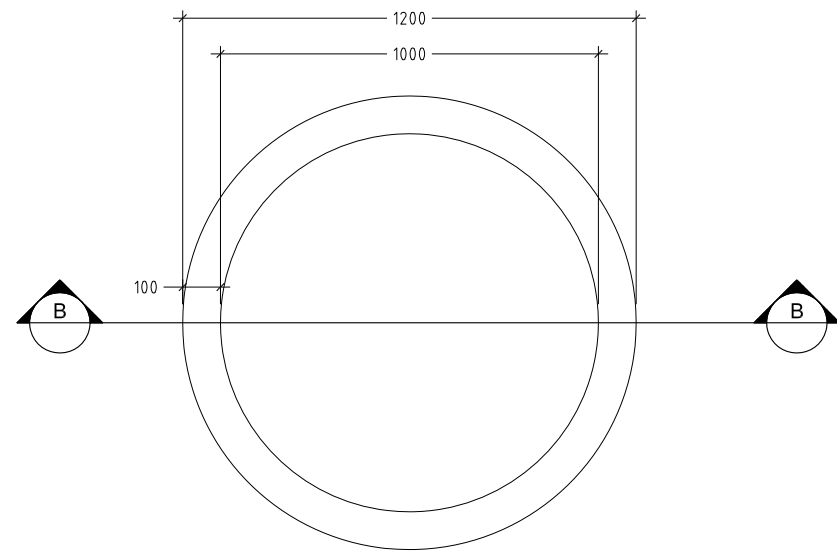
PROJECT:	PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )	
LOCATION:	GAA ALIF VILLINGILI	
DRAWING TITLE:	AS GIVEN	
CLIENT:	MINISTRY OF EDUCATION	
SCALE: AS GIVEN	DIMENSION: MM	DATE: MAY 2015

## P-02

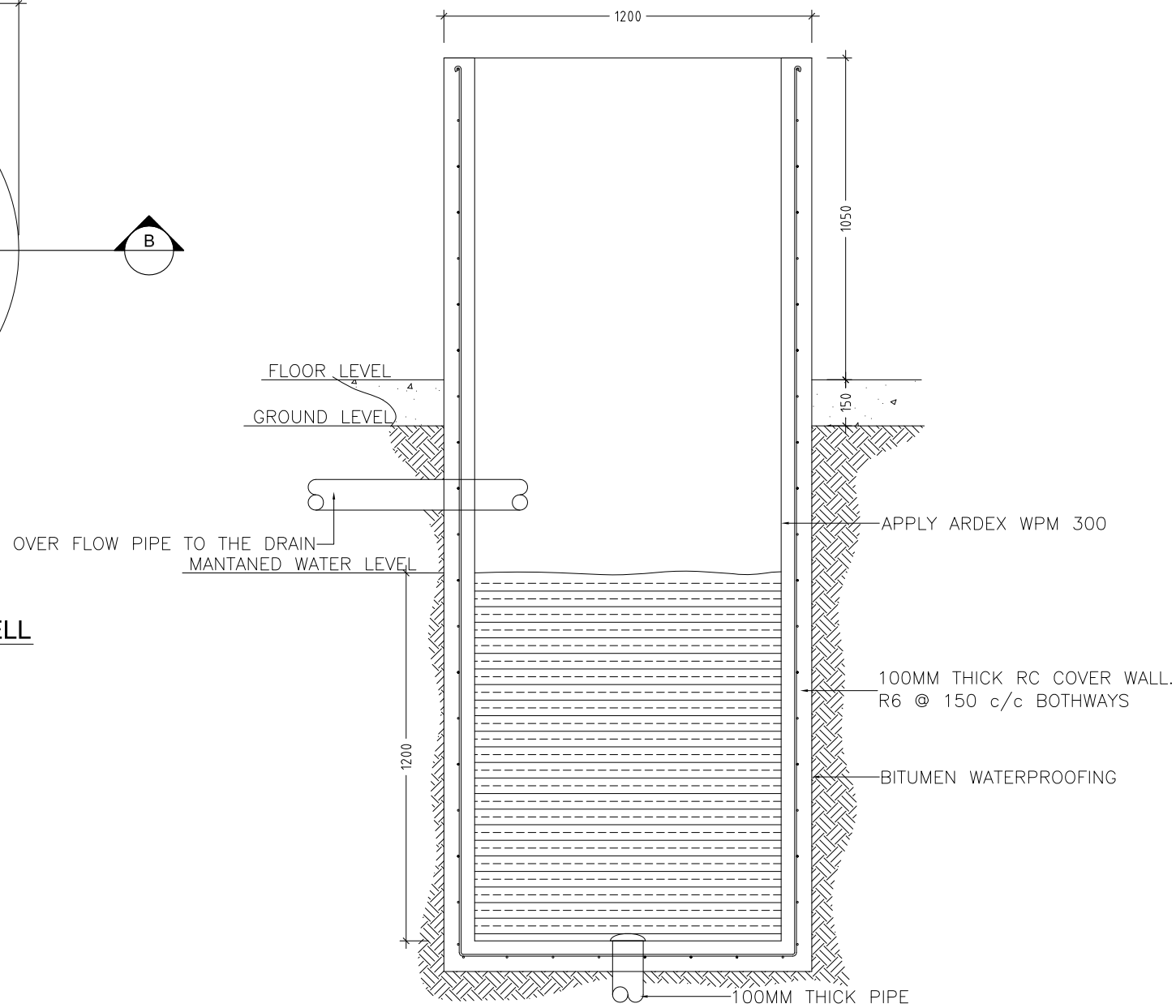
G NO

PROJECT NO.: 14-124

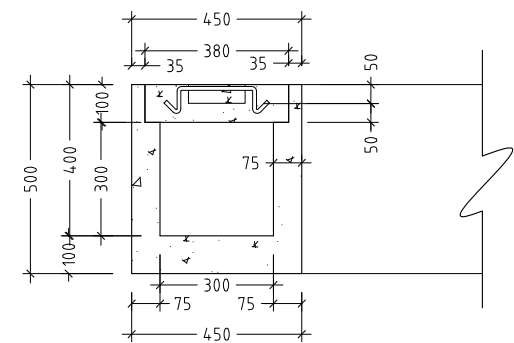
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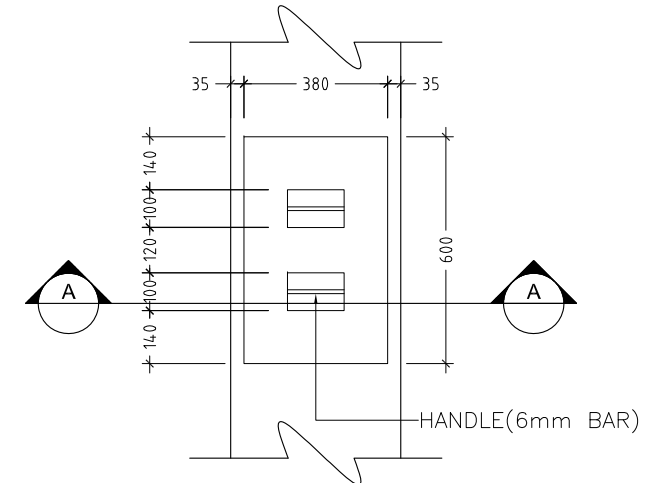
**DETAIL B/ PLAN VIEW OF WELL**  
SCALE 1 : 20



**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

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SCALE READINGS

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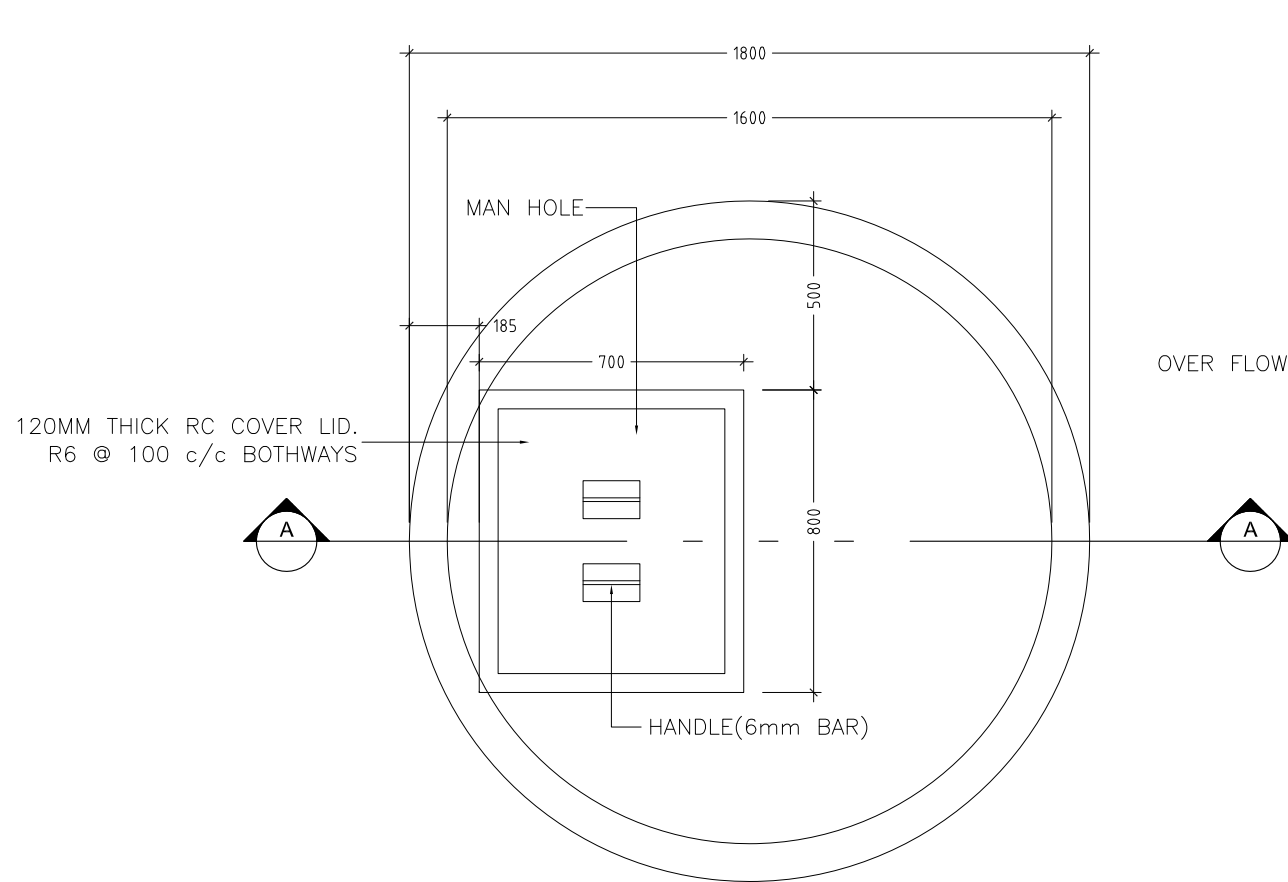
PROJECT: PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )  
LOCATION: GAA ALIF VILLINGILI  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

**P-03**

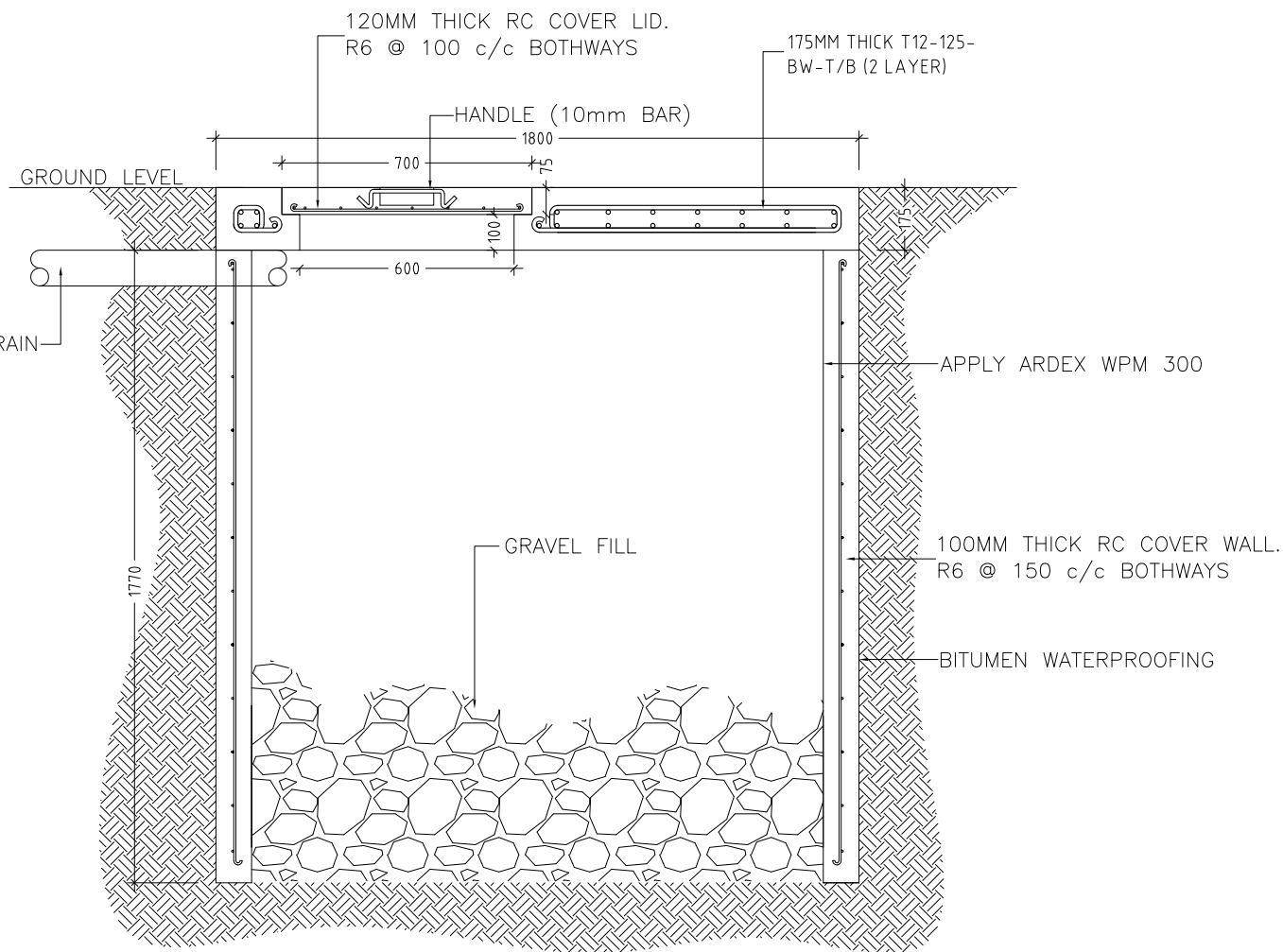
DWG NO

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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

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PRECEDENCE OVER  
SCALE READINGS

**ArchEng**  
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )	<b>P-04</b>
	ENGINEER: MOHAMED AHSAN	LOCATION: GAA ALIF VILLINGILI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN	DWG NO
		DIMENSION: MM	PROJECT NO.: 14-124
		DATE: MAY 2015	

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# **PROPOSED 03 CLASS ROOM BLOCK AT GAAF ALIF VILLIGILI**

**( SINGLE STOREY )**

**ENHANCING EDUCATION DEVELOPMENT PROJECT (EEDP)**

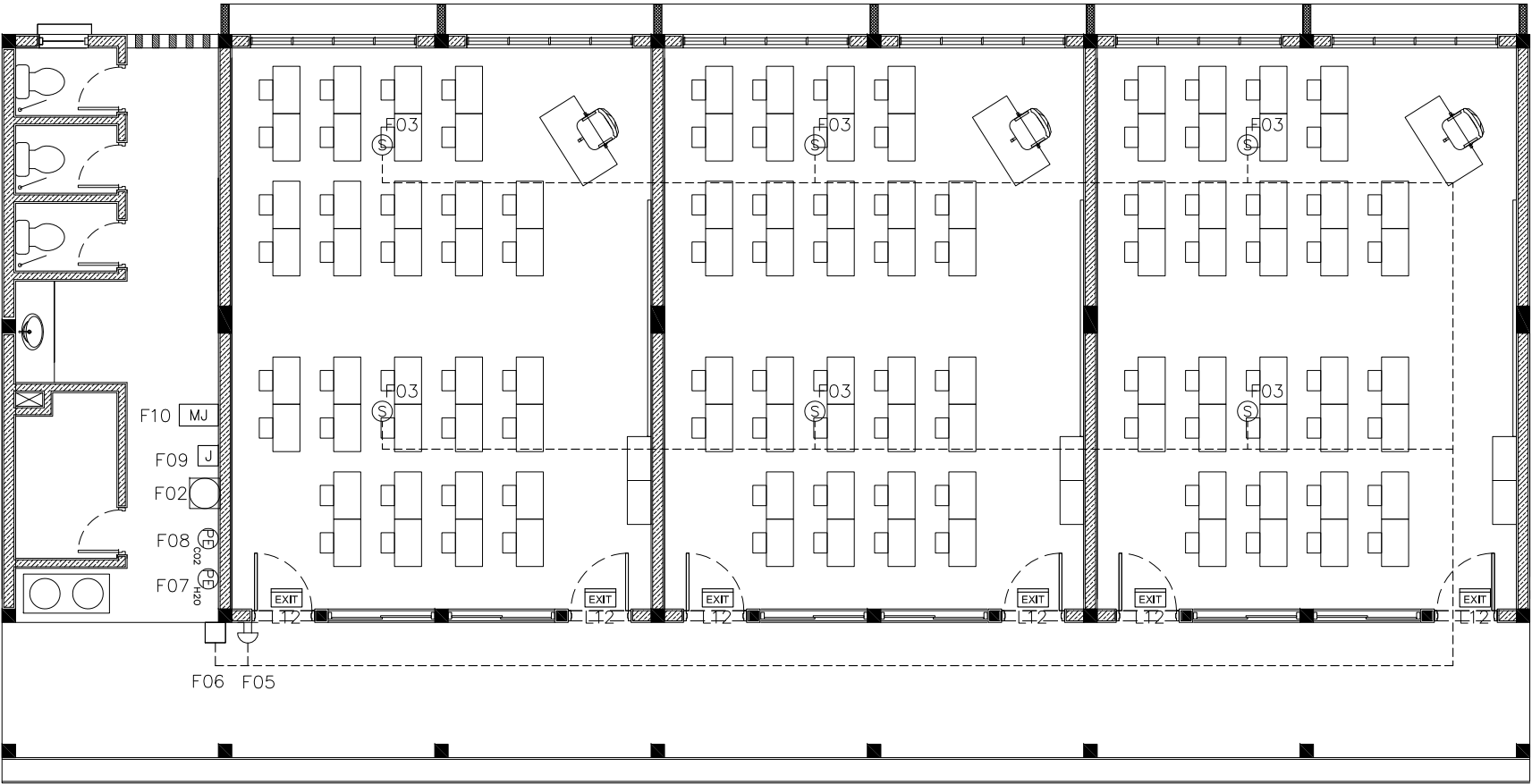
## **FIRE SAFETY DRAWINGS**

MAY 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)
	F12	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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PRECEDENCE OVER  
SCALE READINGS



REVISION:

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

PROJECT:	PROPOSED 03 CLASS ROOM BLOCK ( SINGLE STOREY )
LOCATION:	GAA ALIF VILLINGILI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

<b>F-01</b>
PROJECT NO.: 14-124

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