

PROPOSED 03 CLASS ROOM BLOCK AT GAAF ALIF VILLINGILI

(SINGLE STOREY)

ENHANCING EDUCATION DEVELOPMENT PROJECT (EEDP)

DETAIL DRAWINGS

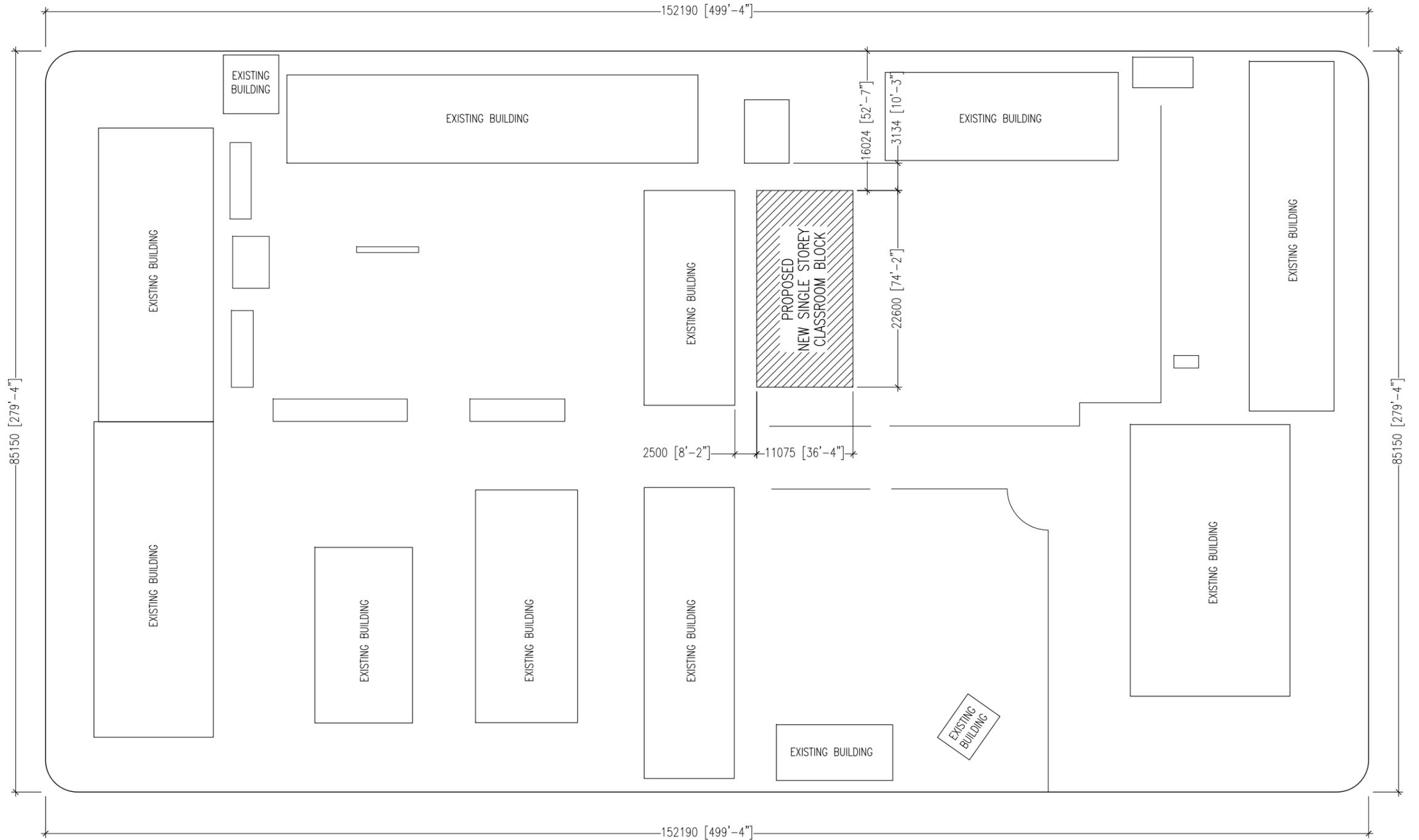
MAY 2015

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

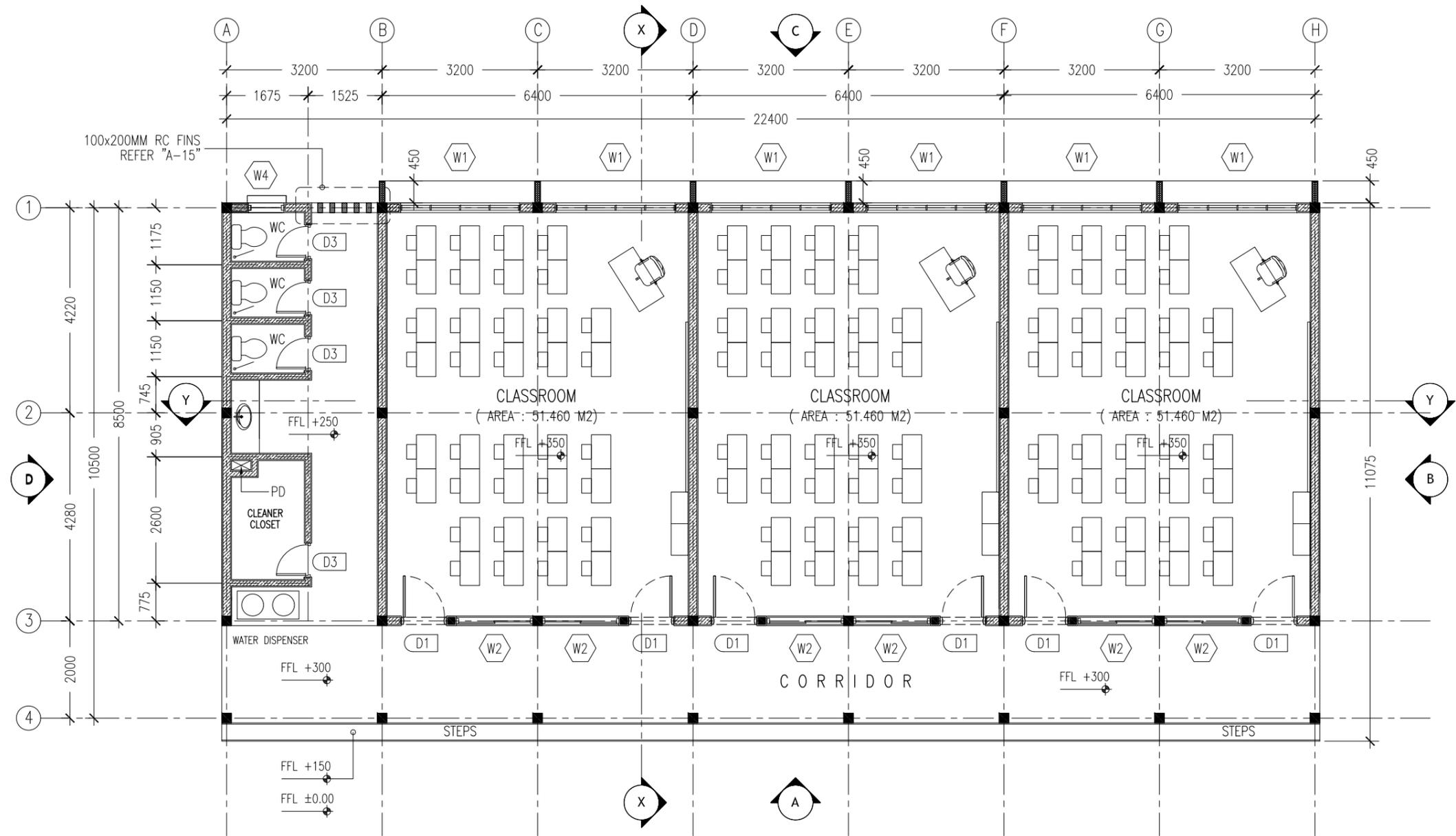


REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK (SINGLE STOREY)
	ENGINEER: MOHAMED AHSAN	LOCATION: GAA ALIF VILLINGILI
	SERVICES ENG:	DRAWING TITLE: AS GIVEN
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015

A-00

DWG NO PROJECT NO.: 14-124

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KEY /LEGEND NOTES

	BLOCK MASONRY WALL
	150MM THK RC WALL 850MM HIGH

GROUND FLOOR LAYOUT PLAN
SCALE 1:100

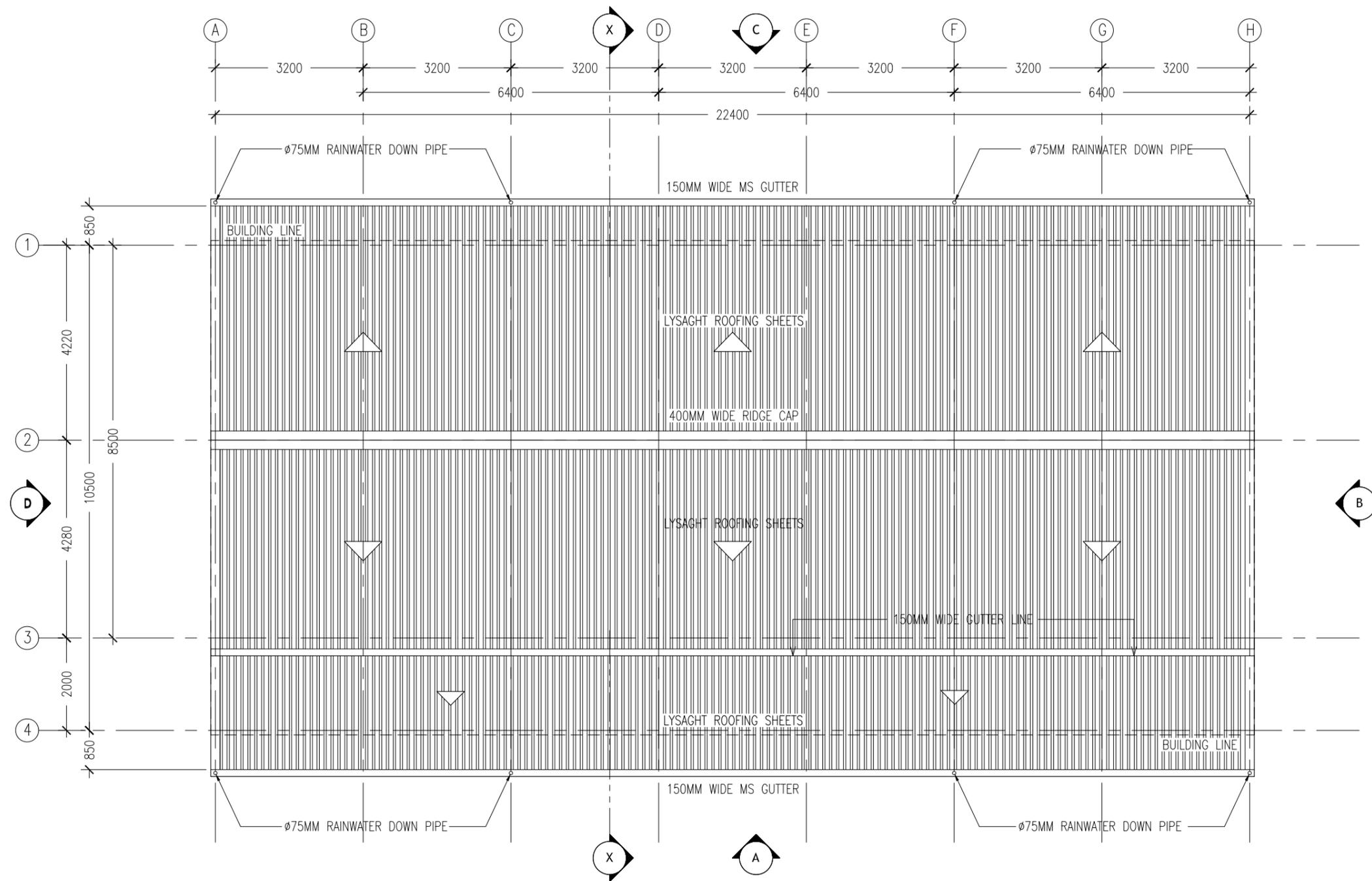
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	ENGINEER: MOHAMED AHSAN
	SERVICES ENG:
	ESTIMATOR:
	DRAWN BY: ASFAN AHMED

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ROOF LAYOUT PLAN
SCALE 1:100

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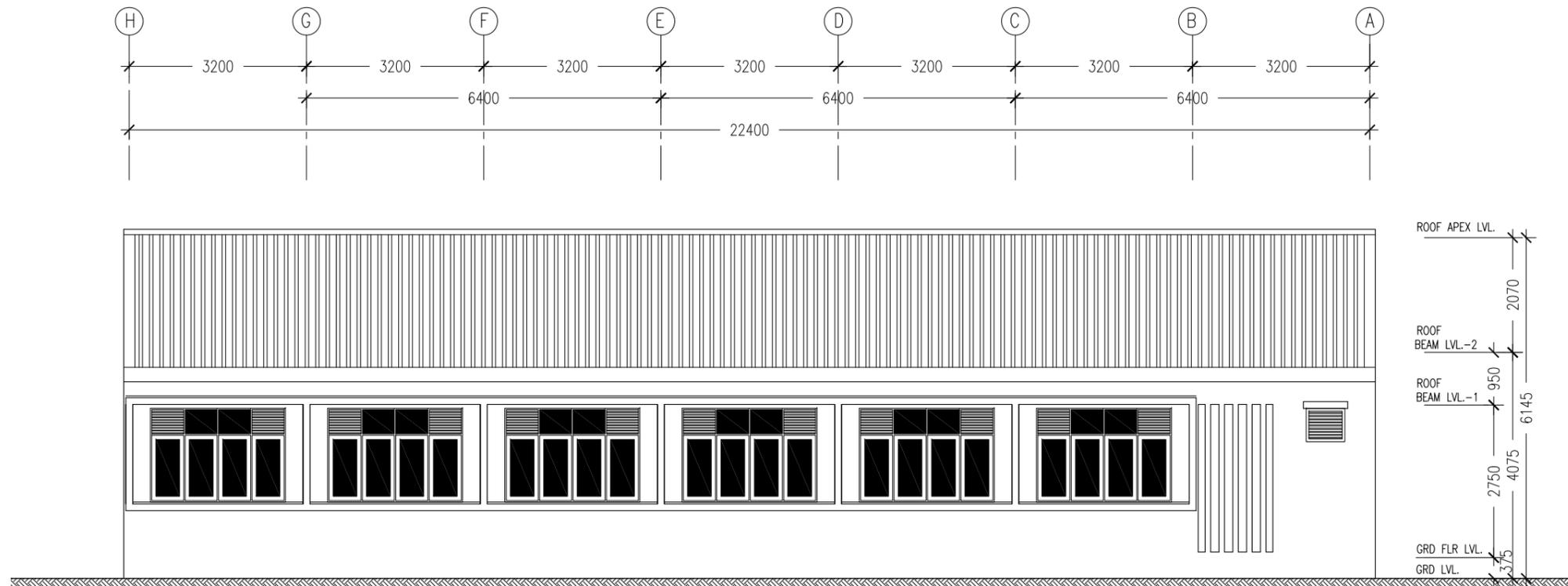
REVISION:

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

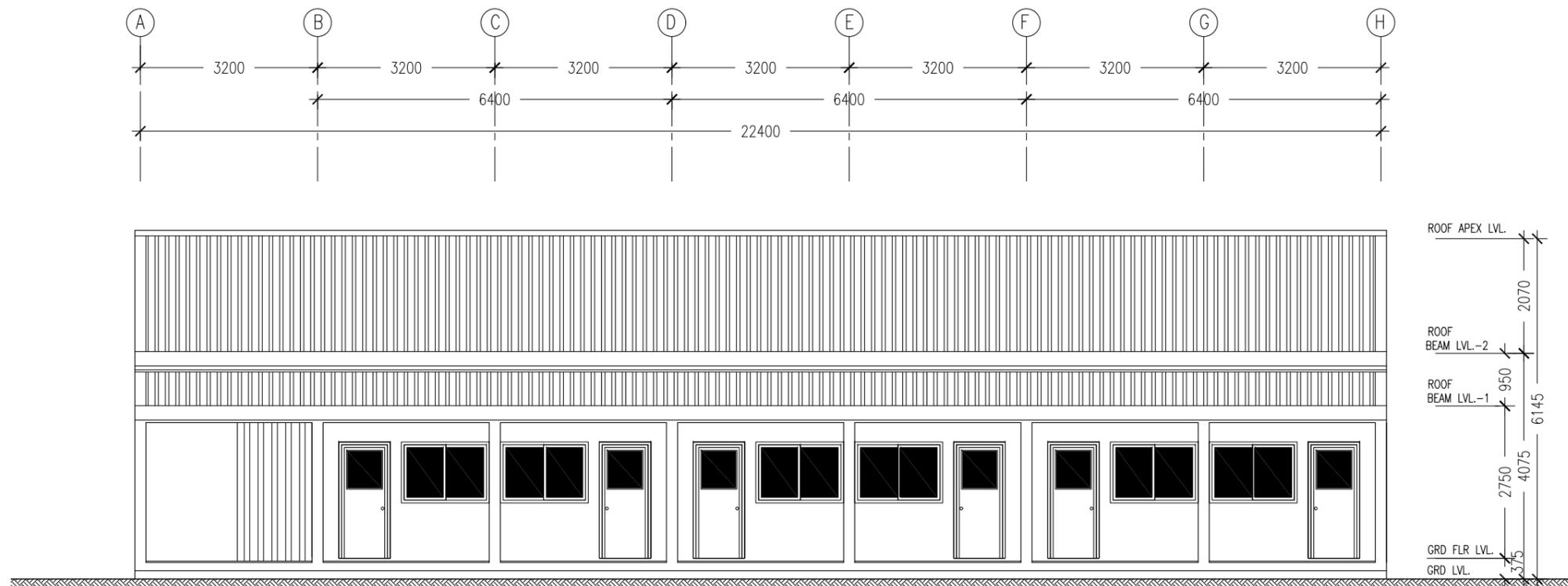
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SCALE: AS GIVEN | DIMENSION: MM | DATE: MAY 2015

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ELEVATION - B
SCALE 1:100



ELEVATION - A
SCALE 1:100

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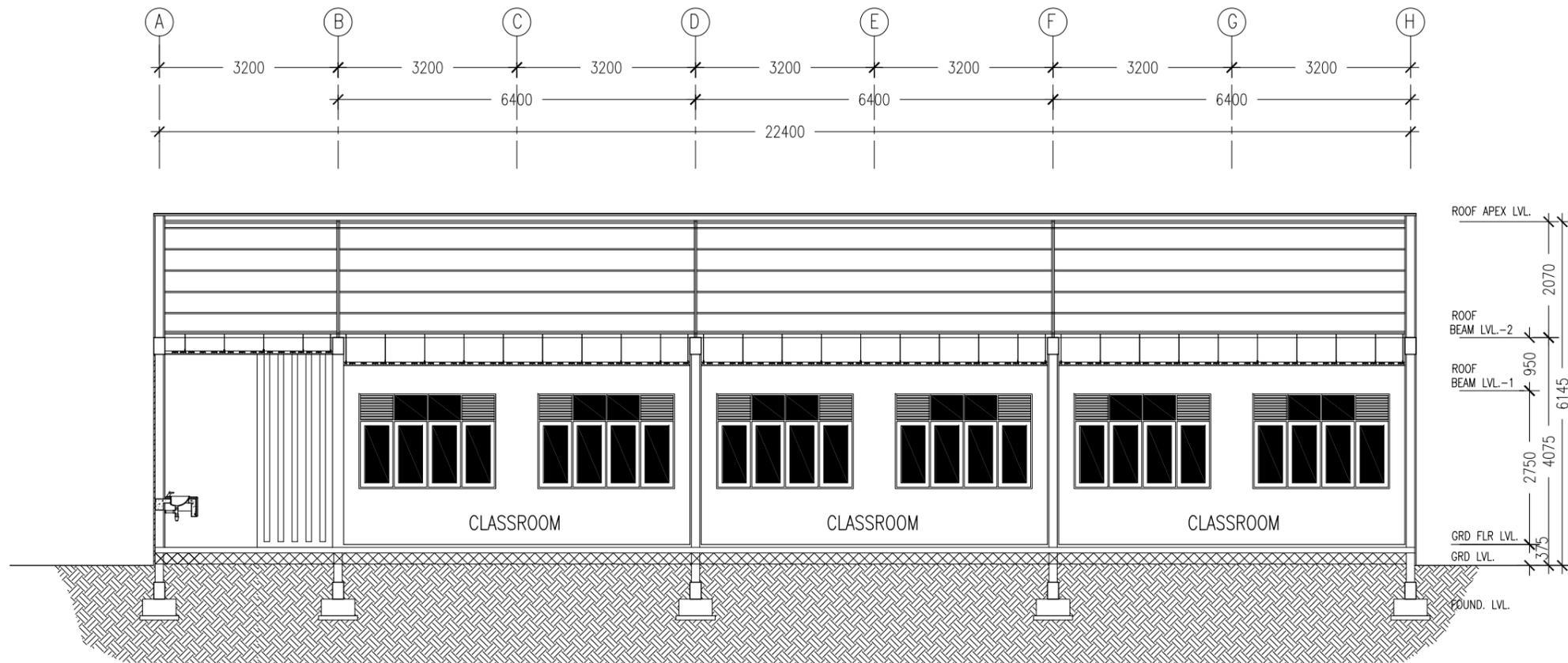
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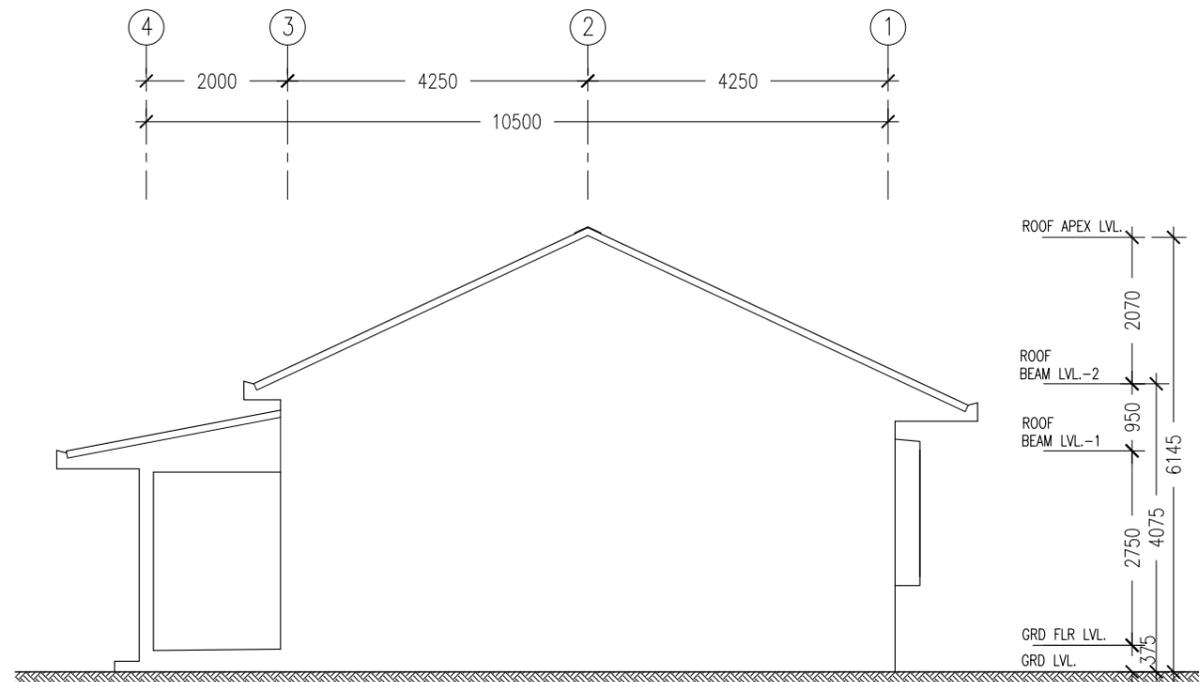
DIMENSION: MM	DATE: MAY 2015
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A-03



SECTION X-X
SCALE 1:100



ELEVATION - C
SCALE 1:100

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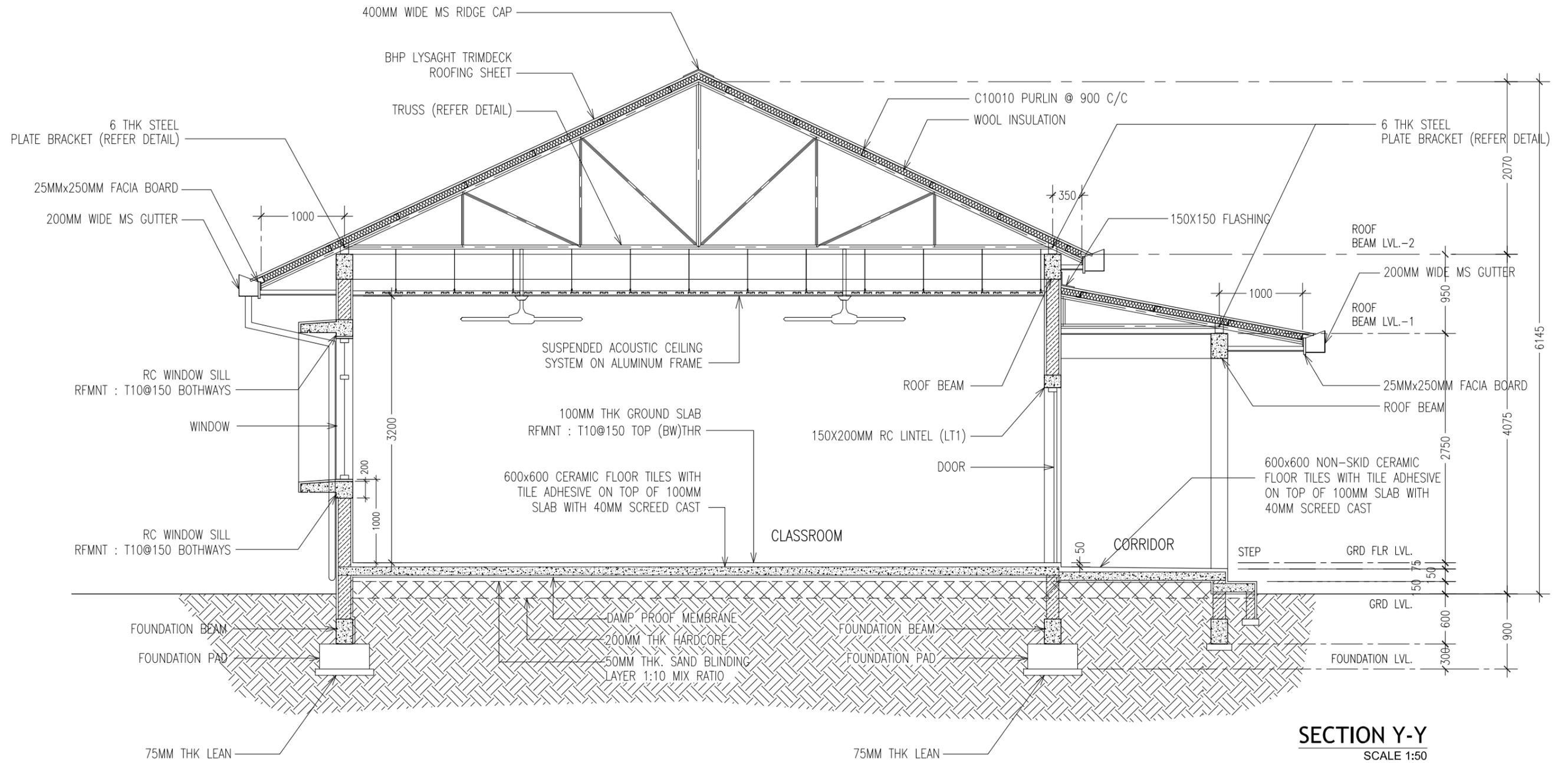
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A-04

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	ENGINEER: MOHAMED AHSAN
	SERVICES ENG:
	ESTIMATOR:
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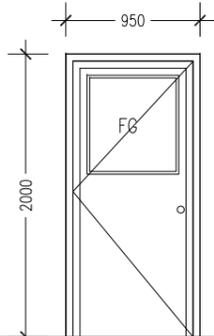
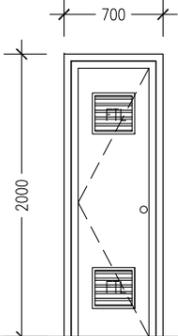
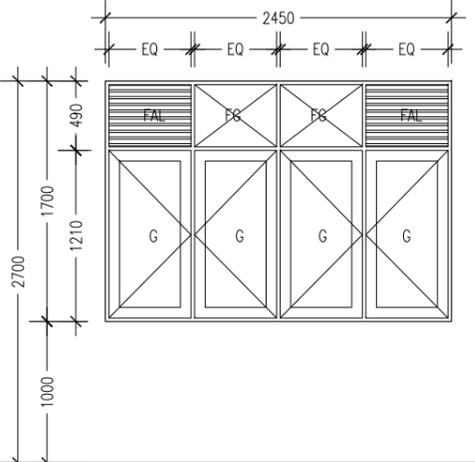
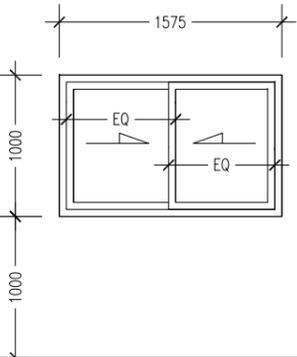
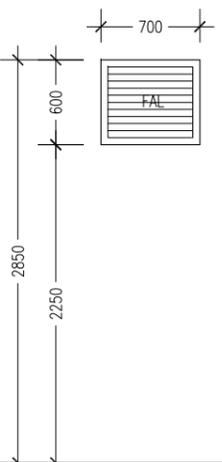
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SCALE: AS GIVEN

DIMENSION: MM	DATE: MAY 2015
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A-05

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ELEVATIONS :					
	FINISH FLOOR LEVEL				
DR / WD NO.	D1	D2	W1	W2	W3
DESCRIPTION :	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 FIXED LOUVERS
FRAME :	120MM TIMBER FRAME	120MM TIMBER FRAME	40 MICRON WHITE POWDER COATED ALUMINIUM FRAME	40 MICRON WHITE POWDER COATED ALUMINIUM FRAME	40 MICRON WHITE POWDER COATED ALUMINIUM FRAME
HARDWARE :	DOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDER	DOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDER			
GLAZING :	C-6MM THICK CLEAR GLASS		C-6MM THICK CLEAR GLASS	C-6MM THICK CLEAR GLASS	

GENERAL NOTES:

SHOP DRAWINGS FOR ALL DOORS AND WINDOWS SHALL BE PROVIDED SHOWING LOCATION AND TYPE OF IRONMONGERIES

G : GLASS
FG : FIXED GLASS
FAL : FIXED ALUMINIUM LOUVERS

ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO FABRICATION

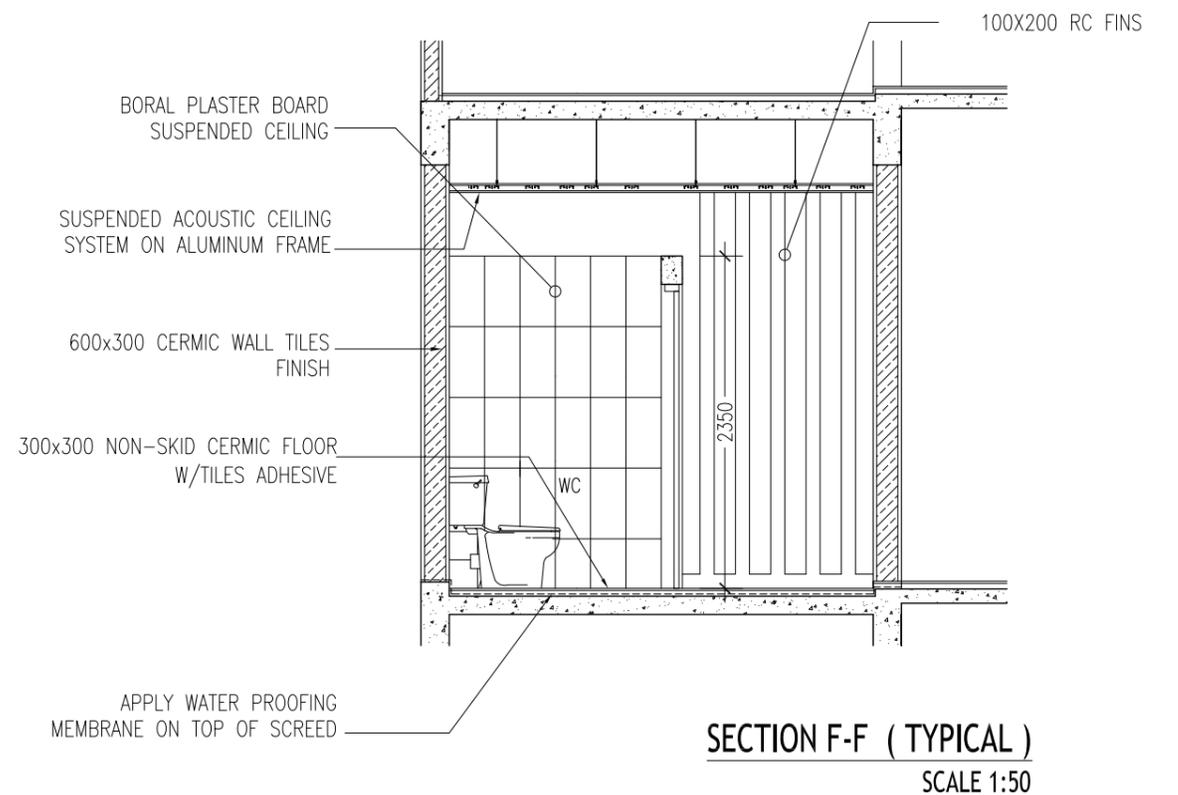
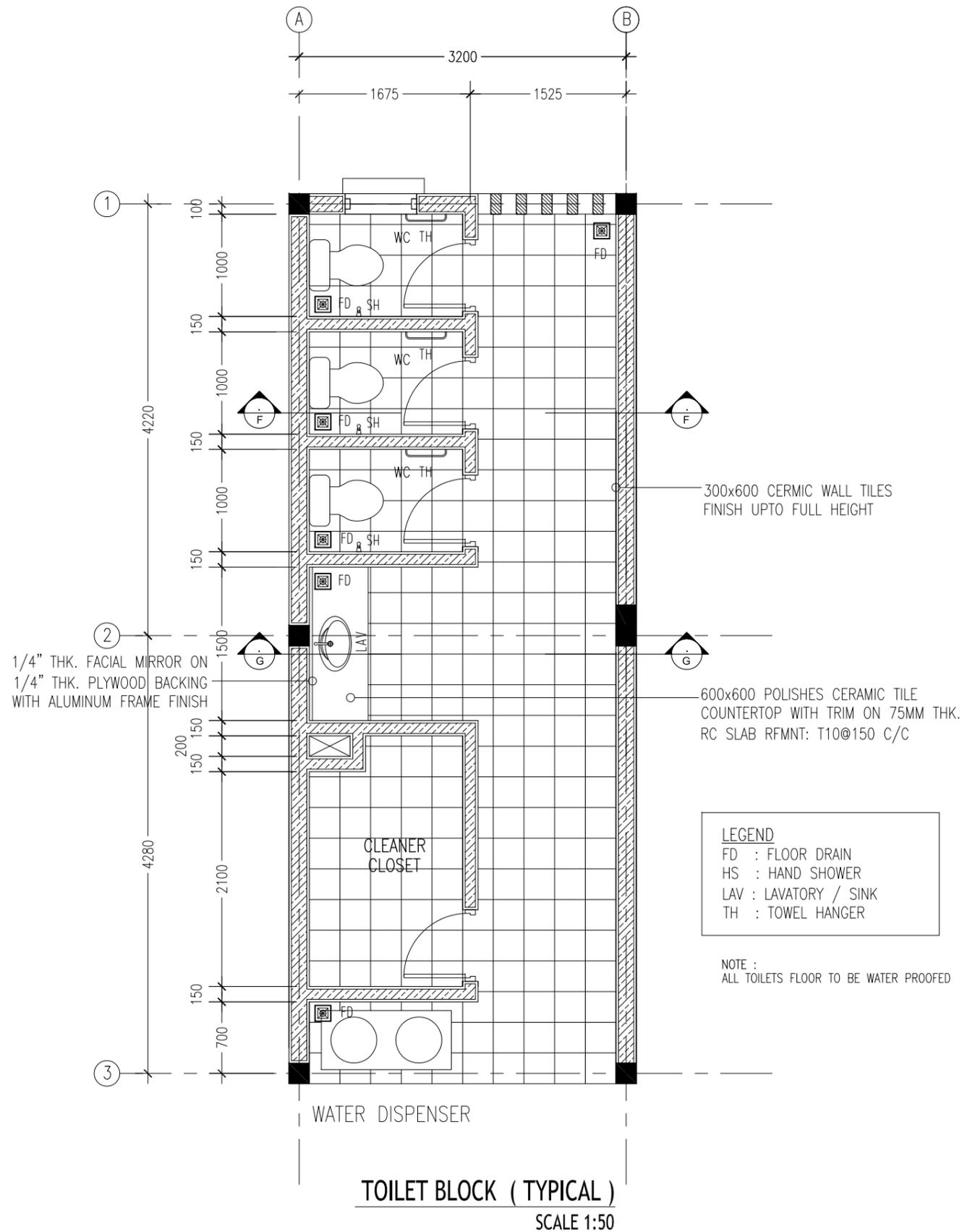
ALL TIMBER FOR WOODEN DOORS SHALL BE TREATED FOR THE USE IN INDOORS.

DOOR / WINDOW SCHEDULE
SCALE 1:50

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



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK (SINGLE STOREY)	A-06 DWG NO
	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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DRAWINGS. FIGURED
DIMENSIONS TO TAKE
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ArchEng
studio
Ma Fiyajahaage, 1st floor, Male', Republic of Maldives
admin@archeng.biz

REVISION:

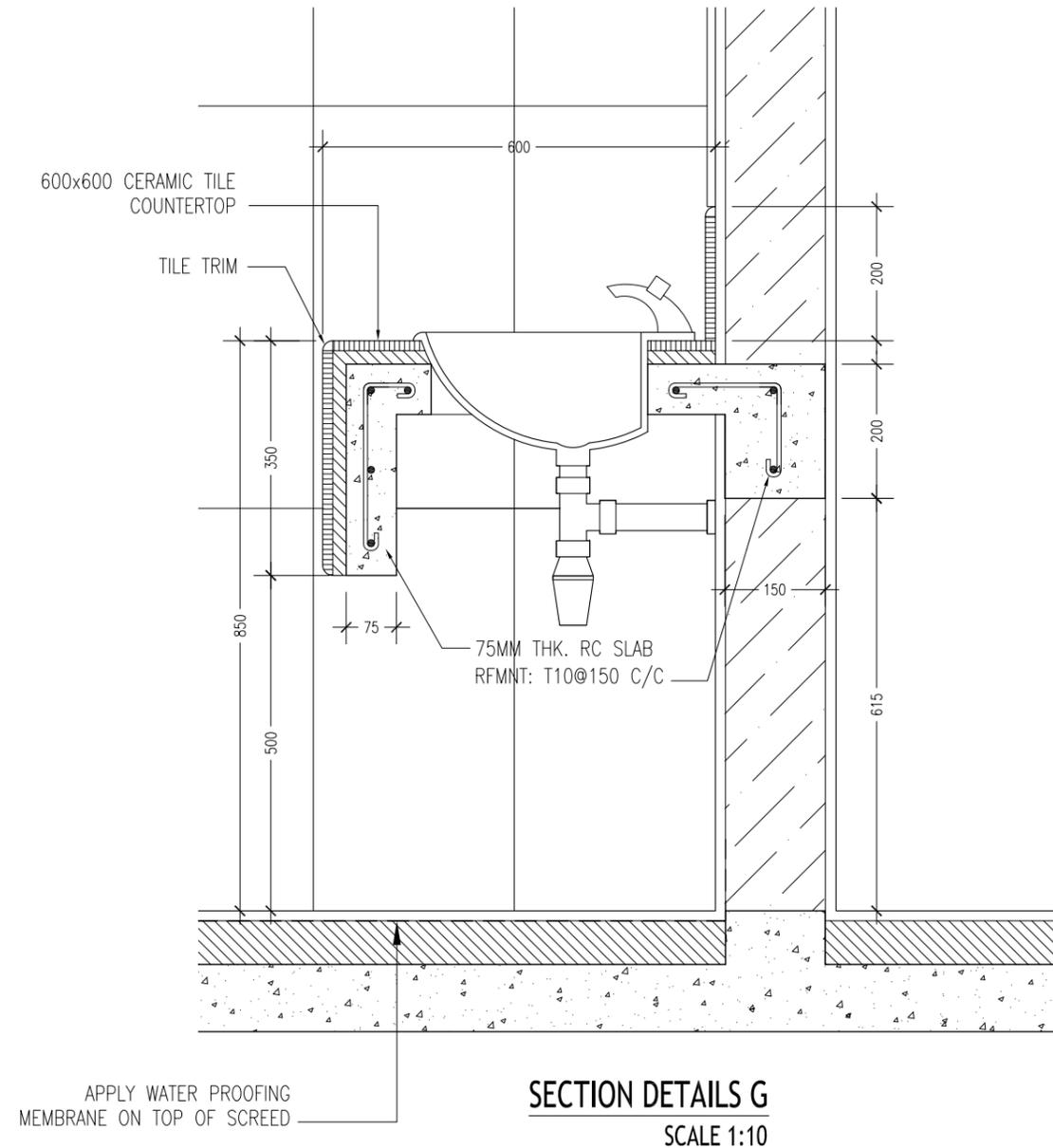
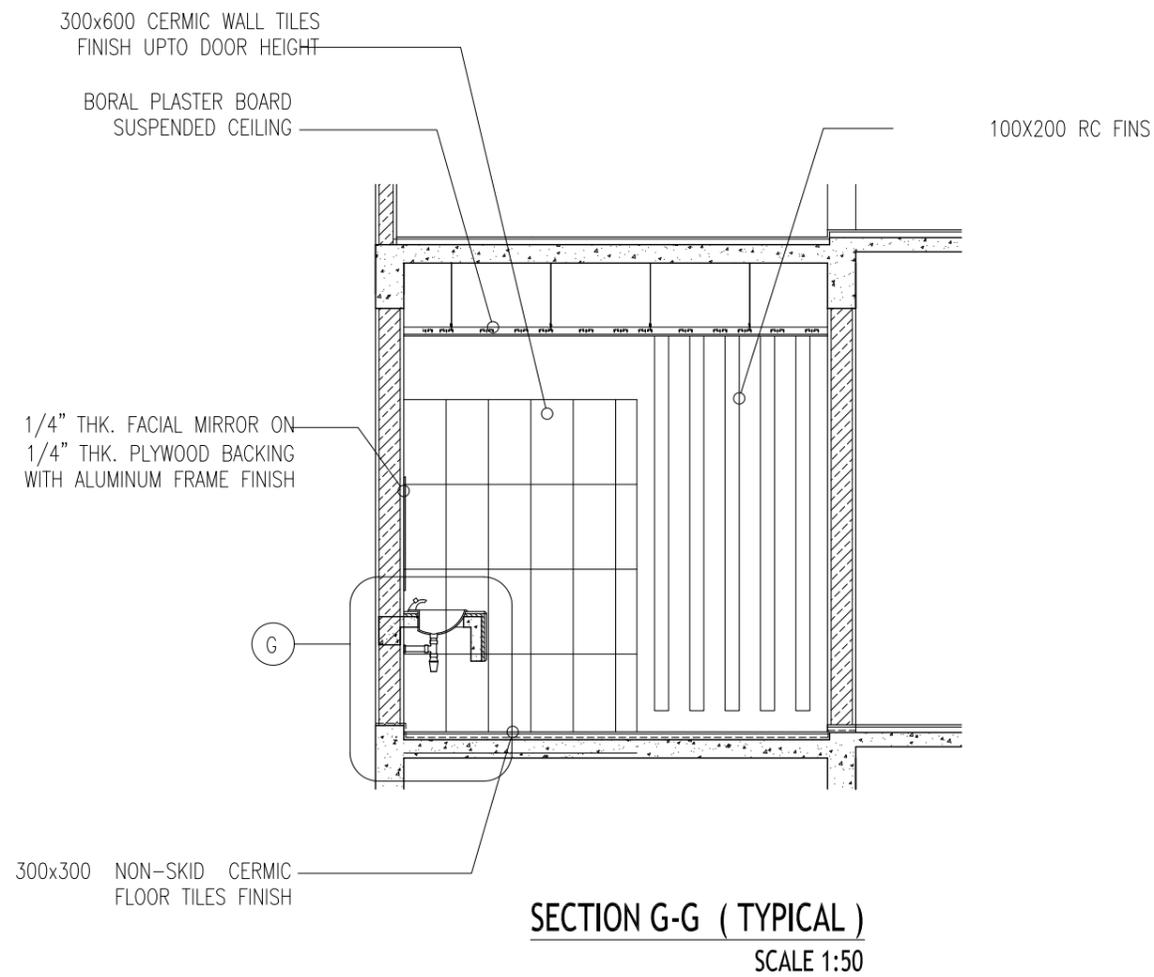
ARCHITECT: MOHAMED HAMEEN
ENGINEER: MOHAMED AHSAN
SERVICES ENG:
ESTIMATOR:
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A-07

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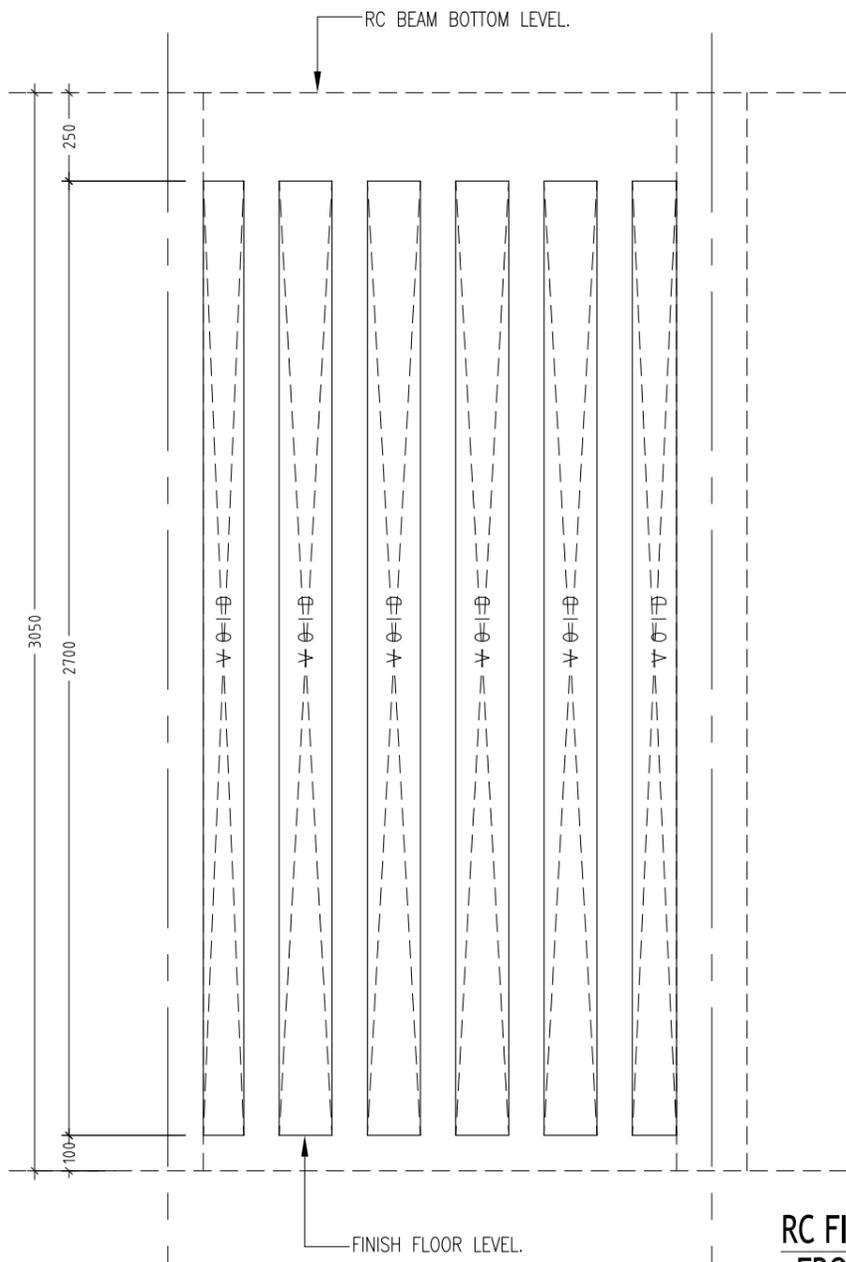
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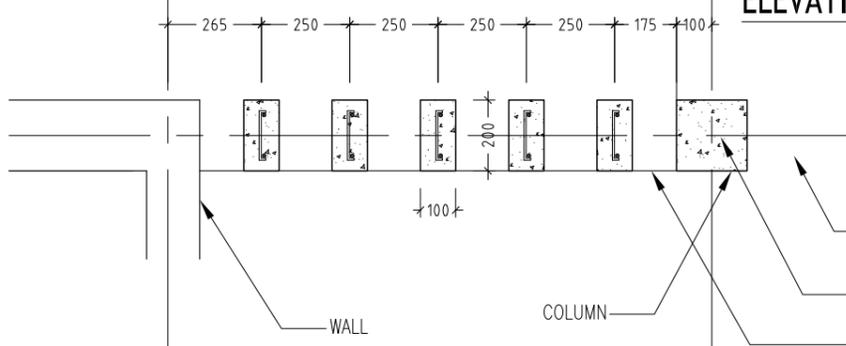
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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK (SINGLE STOREY)	A-08
	ENGINEER: MOHAMED AHSAN	LOCATION: GAA ALIF VILLINGILI	
	SERVICES ENG:	DRAWING TITLE: AS GIVEN	
	ESTIMATOR:	CLIENT: MINISTRY OF EDUCATION	
	DRAWN BY: ASFAN AHMED	SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2015	
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**RC FIN -
FRONT
ELEVATION**



R6@150 BW
100x250MM RC FIN @250 C/C
BEAM LINE

**RC FIN DETAILS
SCALE 1:20**

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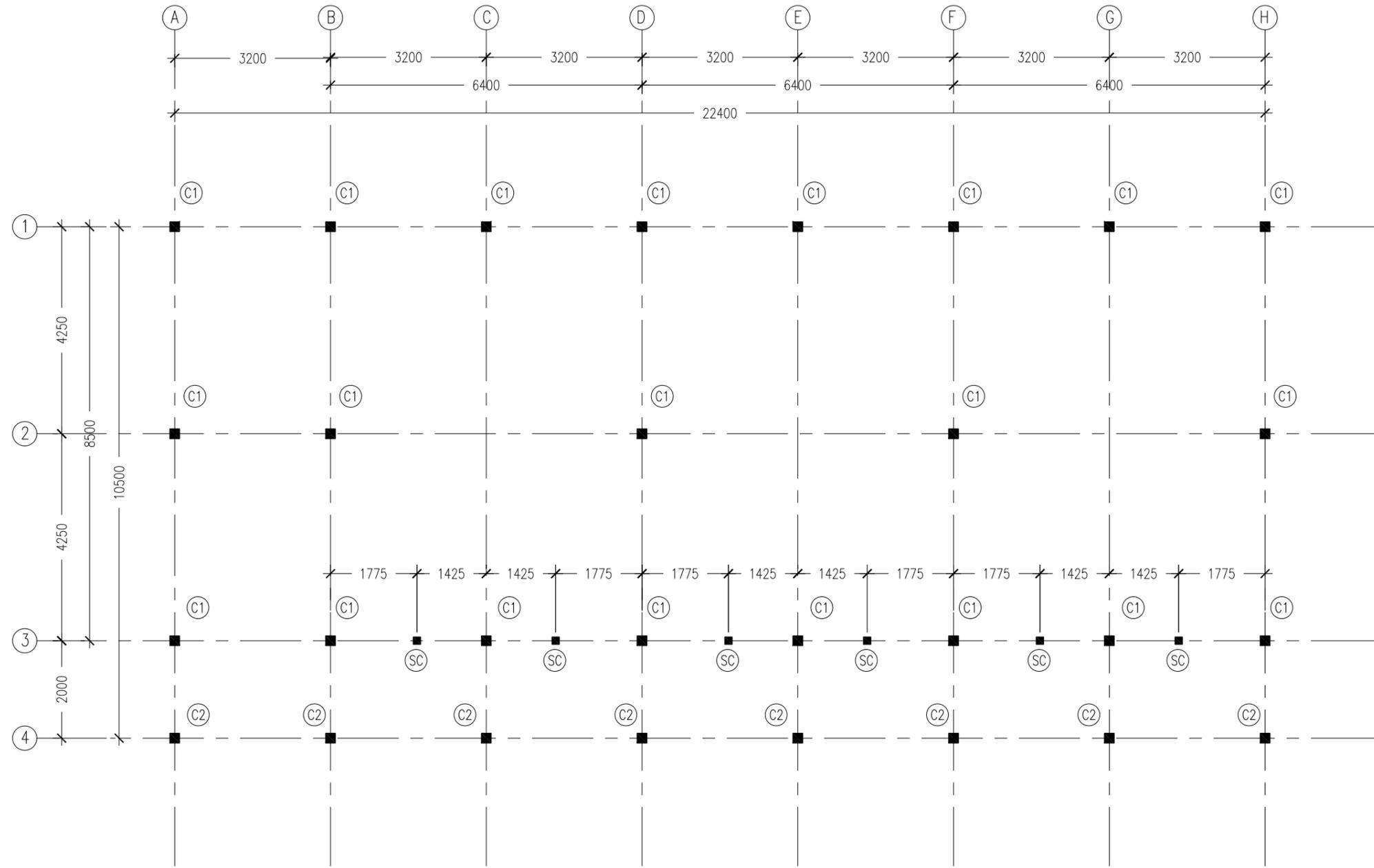
REVISION:	

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SERVICES ENG:	
ESTIMATOR:	
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		DATE:	MAY 2015

A-09
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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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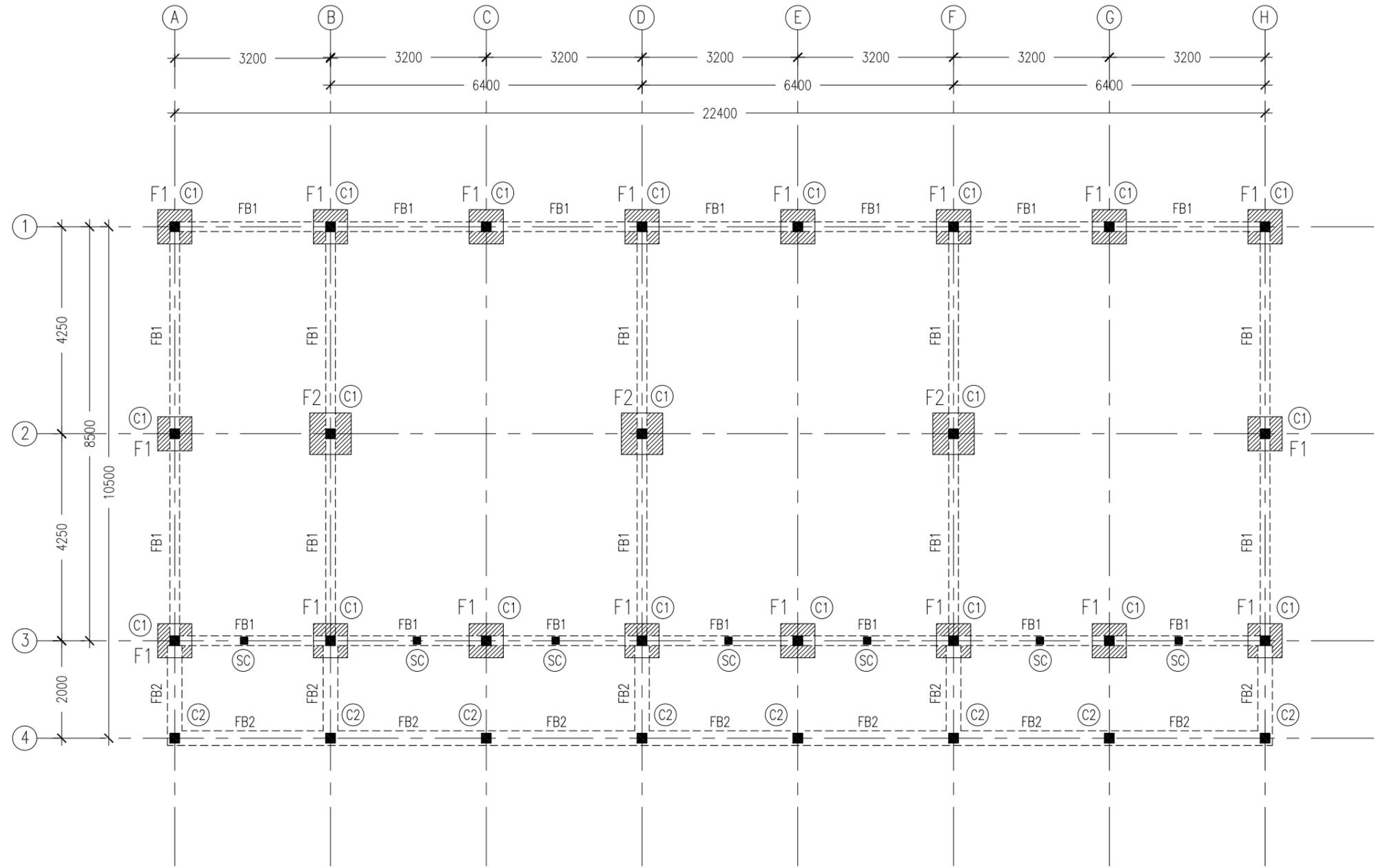


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SERVICES ENG:	
ESTIMATOR:	
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S-01
DWG NO
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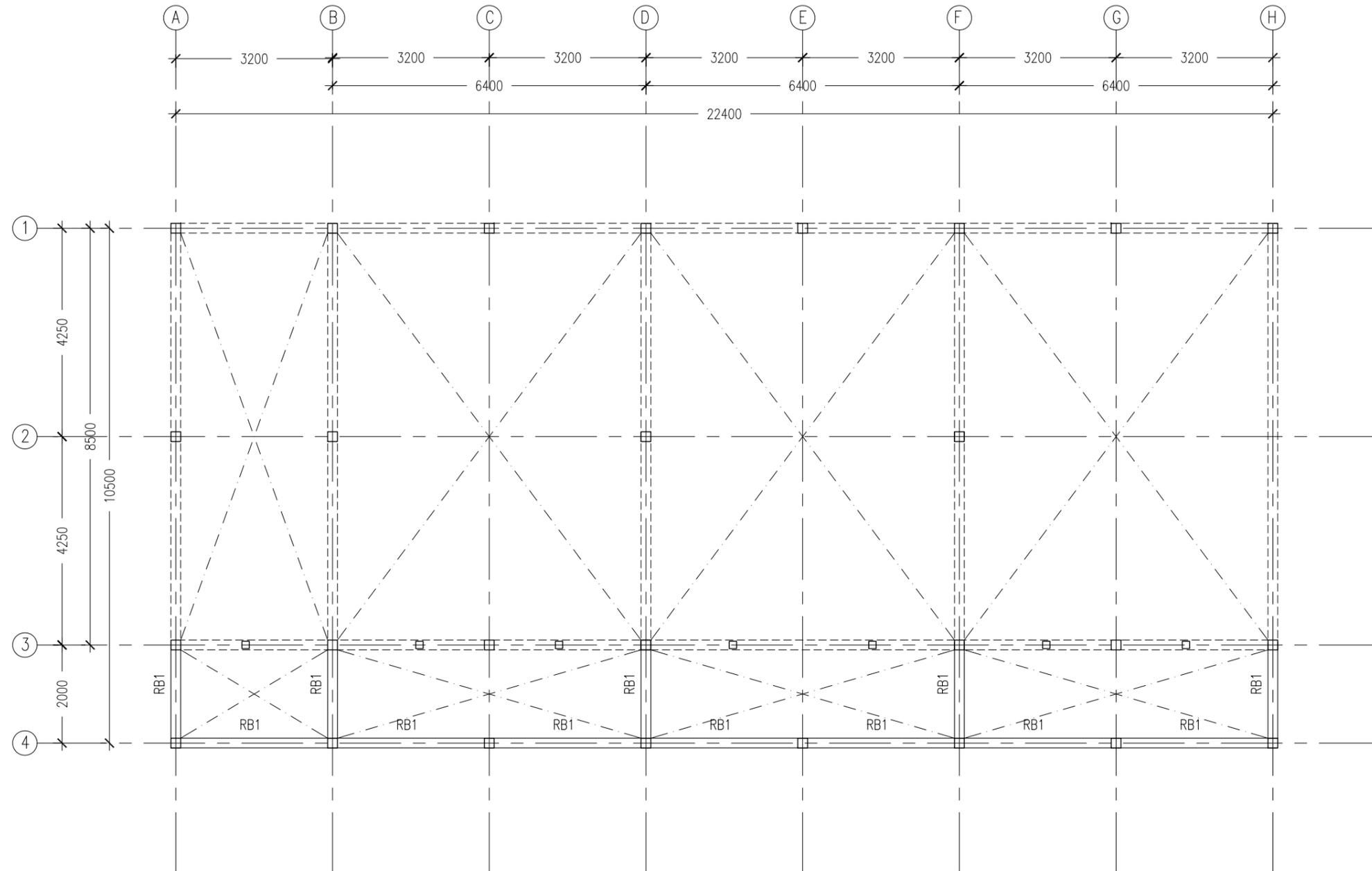
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FOUNDATION LAYOUT PLAN
SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK (SINGLE STOREY)	S-02 DWG NO
	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 :

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- 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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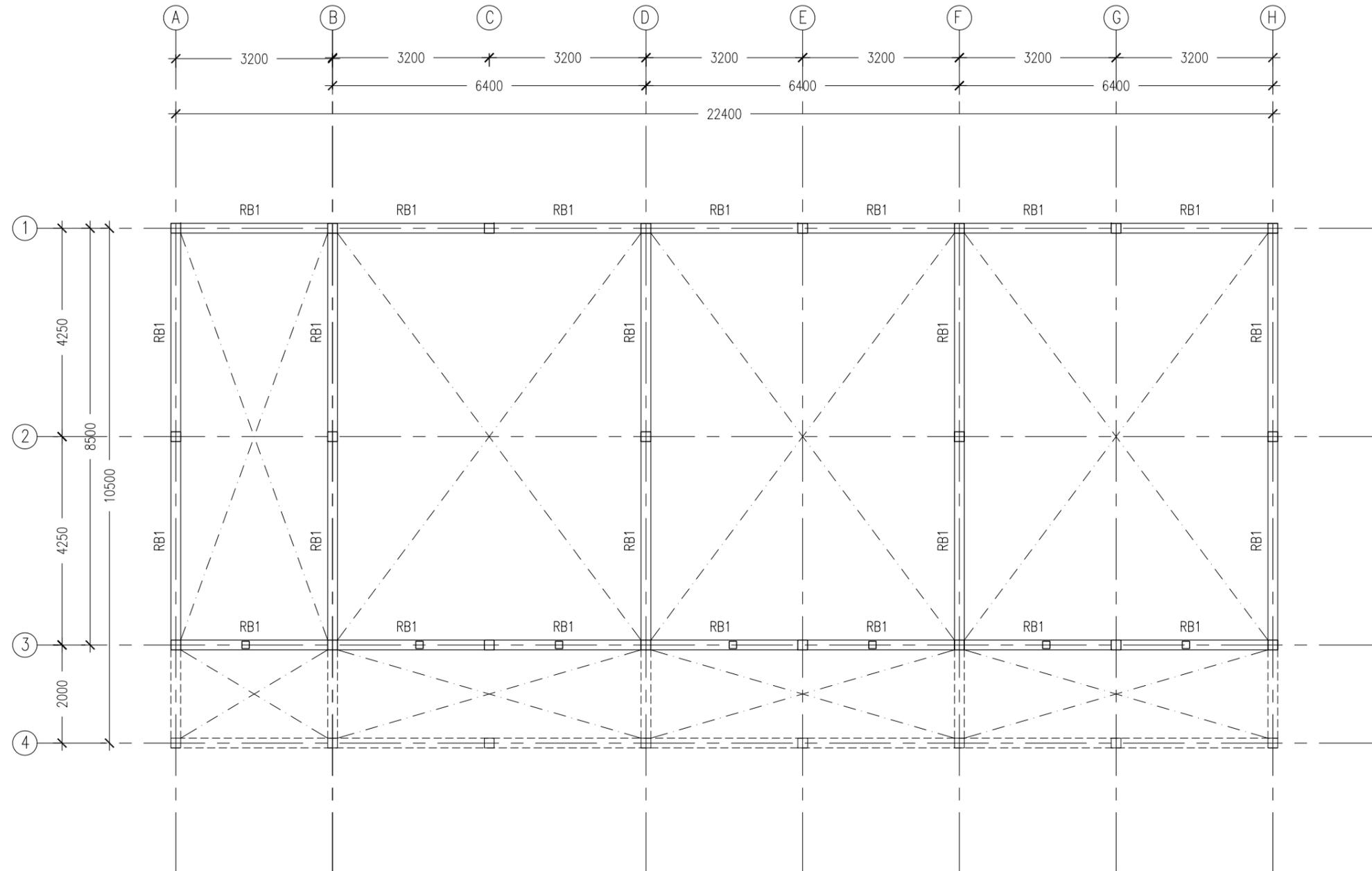
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S-03

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- 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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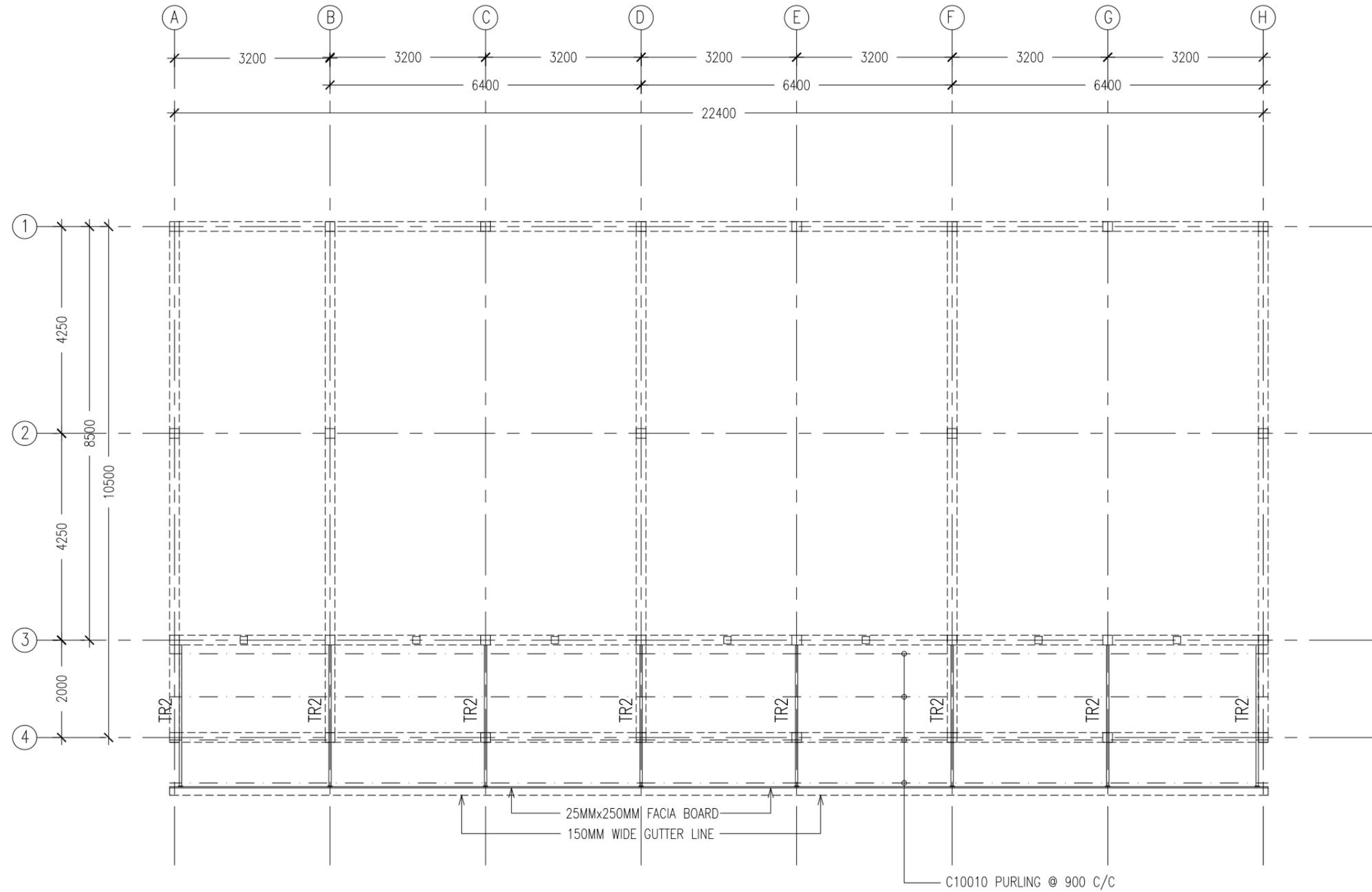


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ROOF STRUCTURE @ 2.75M FROM FFL LAYOUT PLAN

SCALE 1:100

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ESTIMATOR:

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DIMENSION: MM

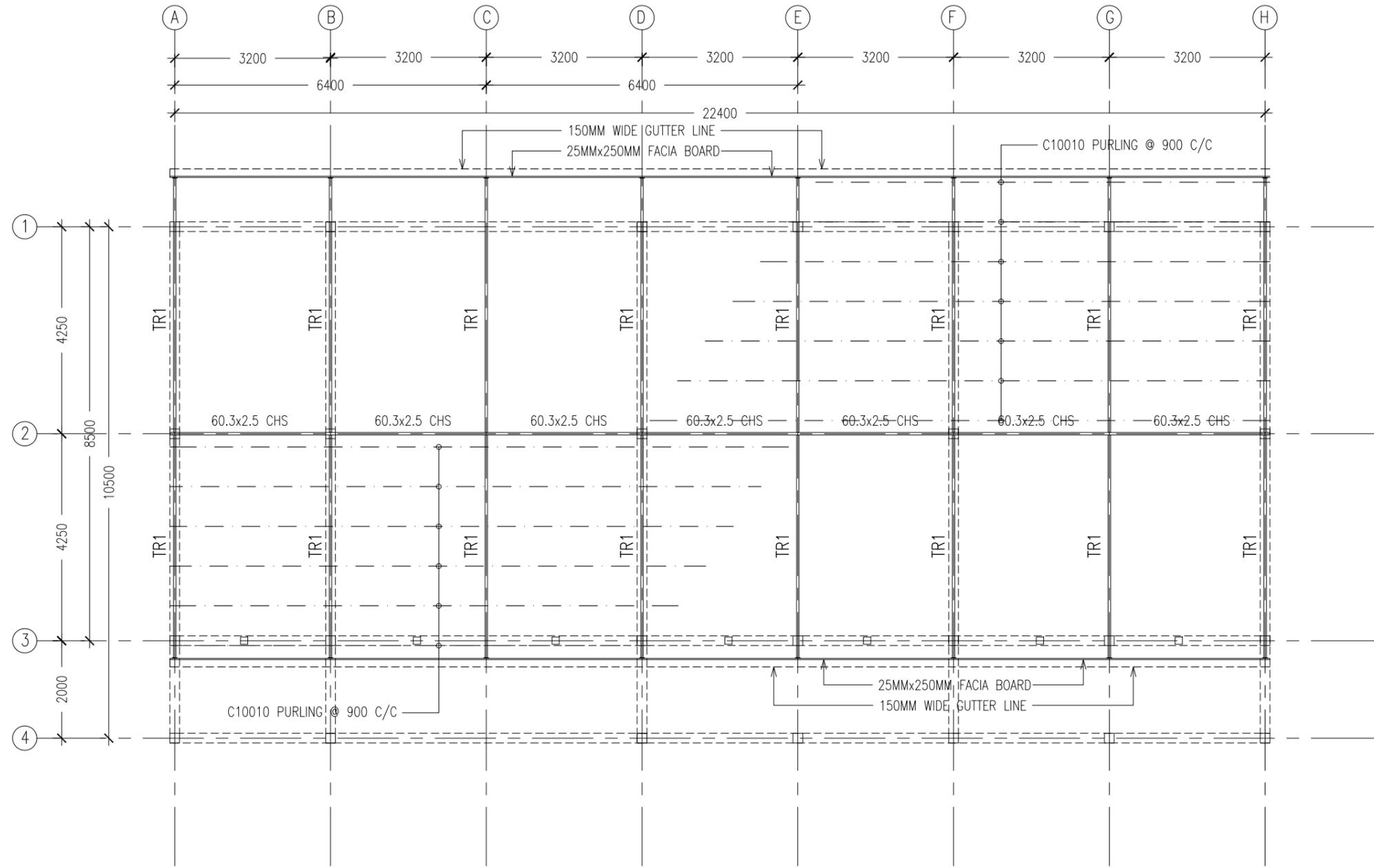
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ROOF STRUCTURE @ 3.7M FROM FFL LAYOUT PLAN

SCALE 1:100

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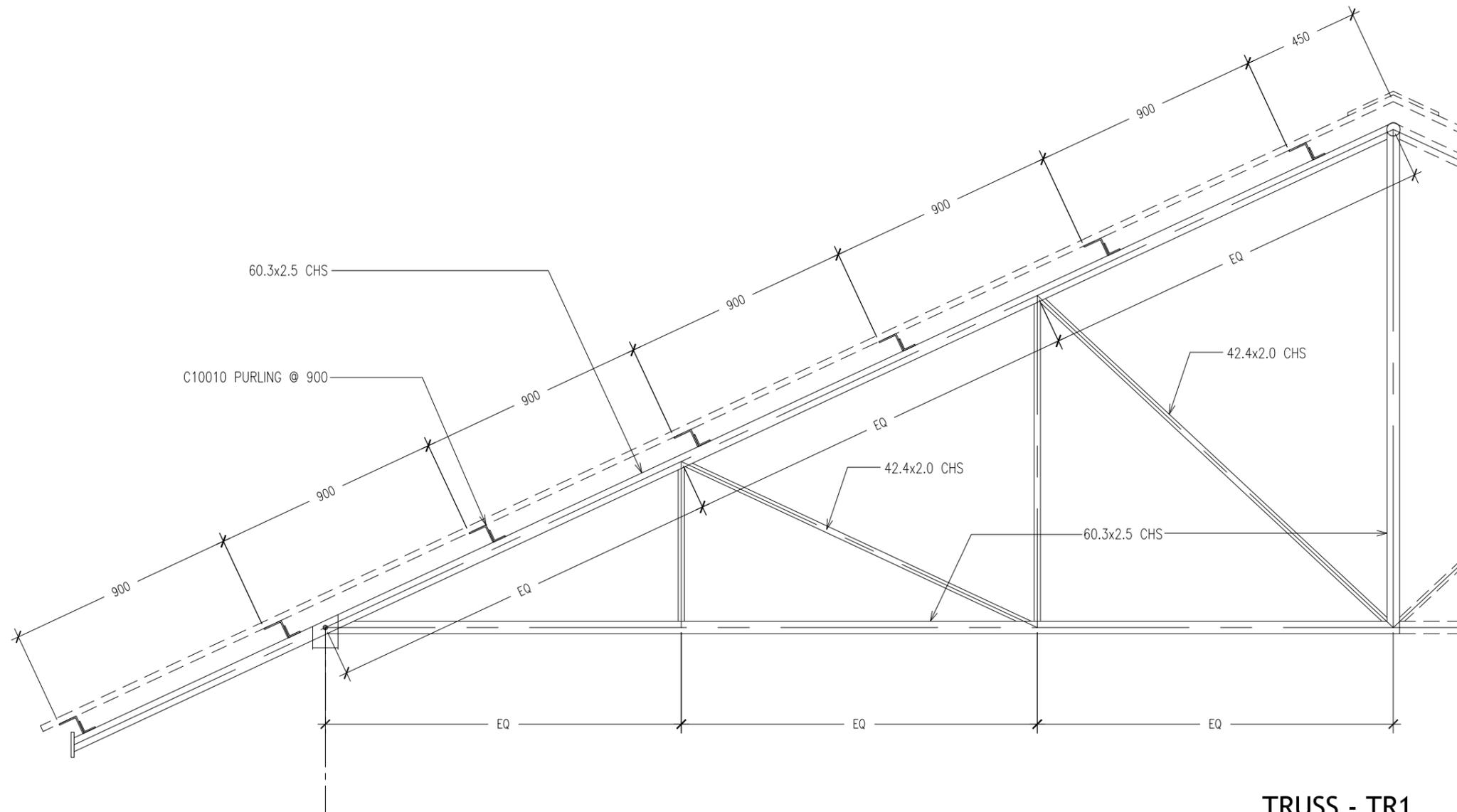
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 SERVICES ENG:
 ESTIMATOR:
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S-06

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TRUSS - TR1
SCALE 1:20

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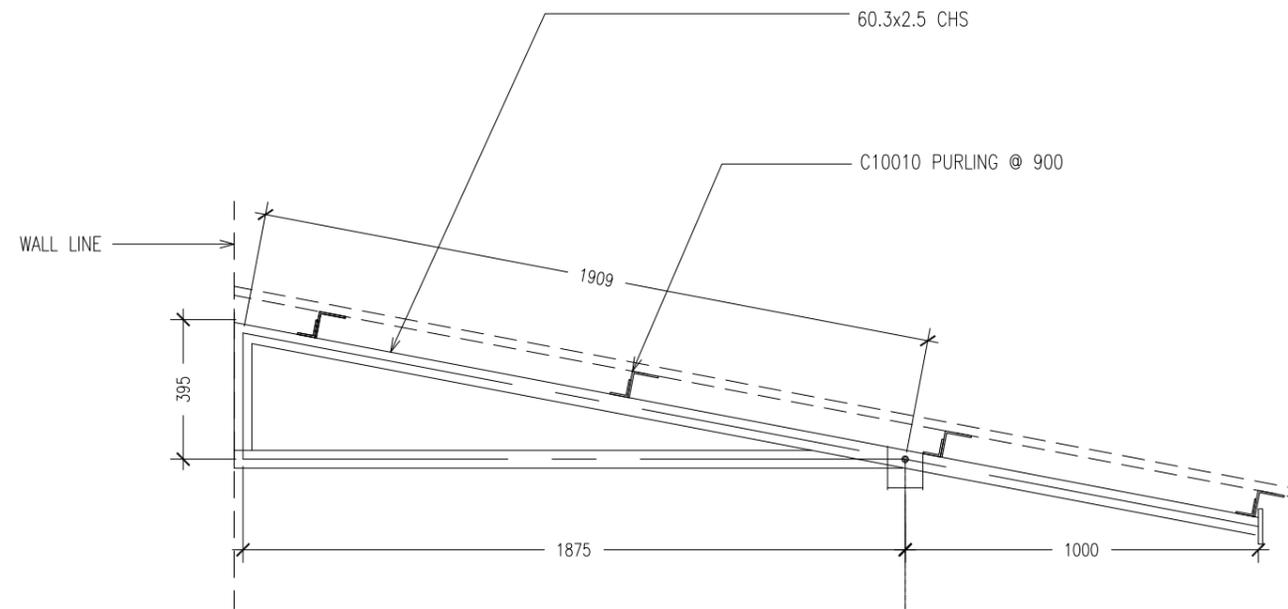
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ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
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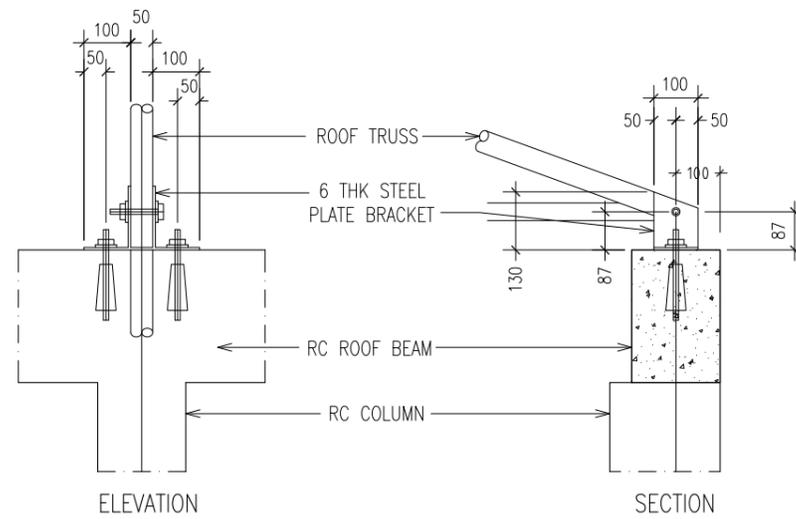
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		DATE:	MAY 2015

S-07
DWG NO

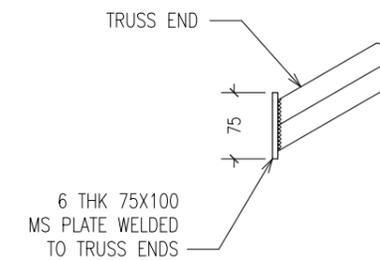
PROJECT NO.: 14-124



TRUSS - TR2
SCALE 1:20



TYPICAL TRUSS FIXING DETAILS
SCALE : NTS



TYPICAL TRUSS END DETAILS
SCALE : NTS

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

S-08

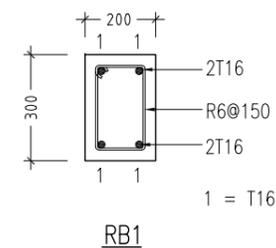
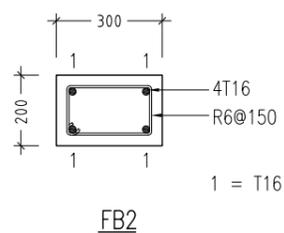
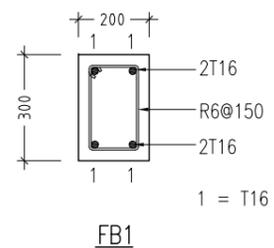
DWG NO

PROJECT NO.: 14-124

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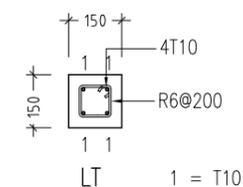
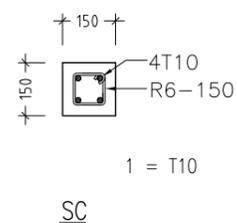
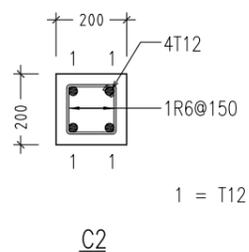
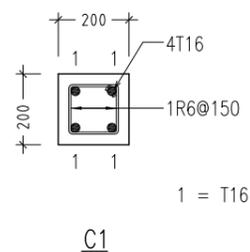
FOOTING	LENGTH/mm	WIDTH/mm	DEPTH/mm	REINFORCEMENT
F1	700	700	300	T12@150mm C/C BW BOTTOM
F2	850	850	300	T12@150mm C/C BW BOTTOM

FOOTING DETAILS



FOUNDATION BEAM DETAILS

SCALE 1:20



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

COLUMN DETAILS

SCALE 1:20

LINTEL/SILL BEAM DETAILS

SCALE 1:20

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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

CLIENT: MINISTRY OF EDUCATION

SCALE: AS GIVEN

DIMENSION: MM

DATE: MAY 2015

S-09

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)

ELECTRICAL DRAWINGS

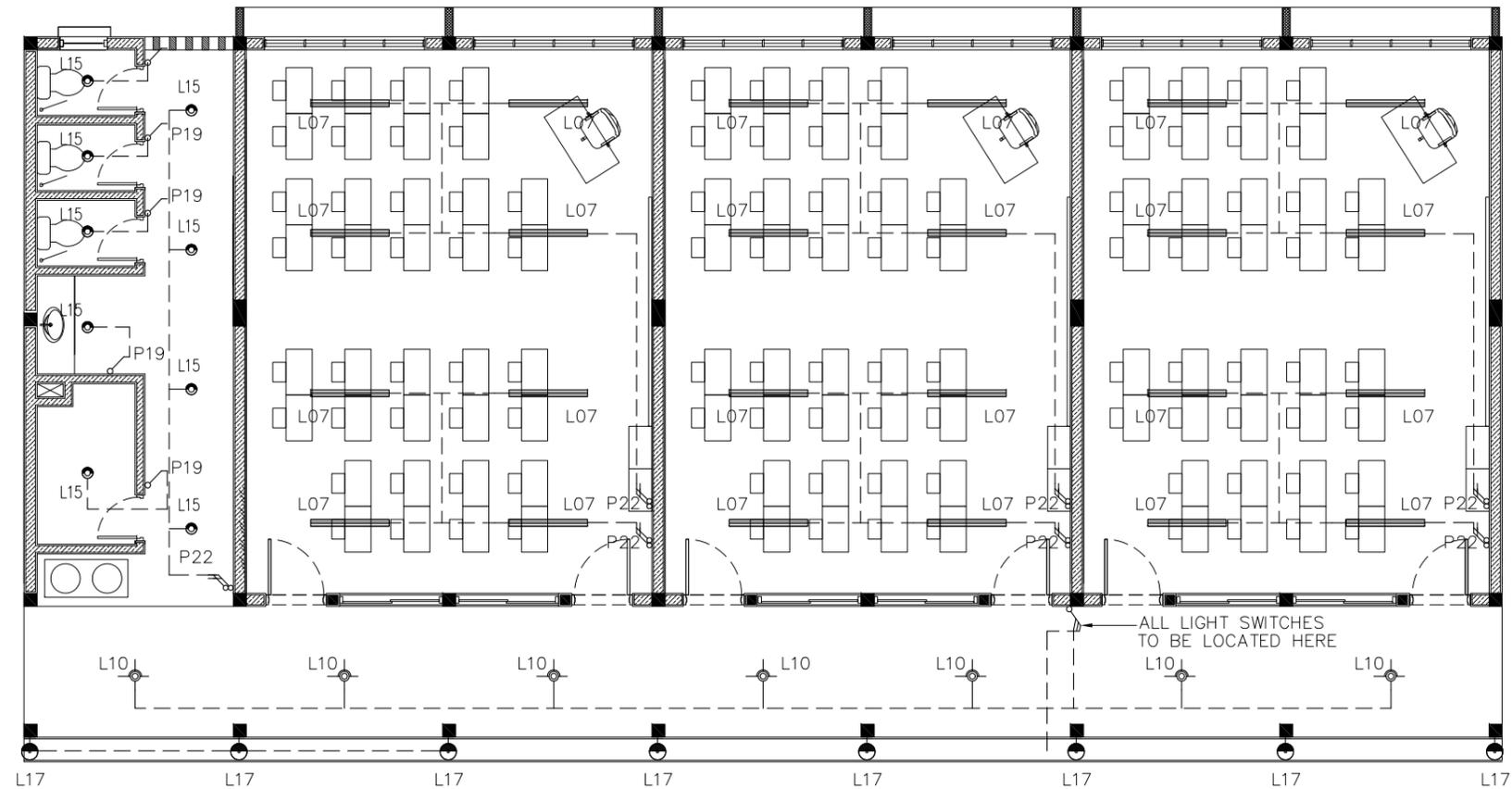
MAY 2015

CLIENT : MINISTRY OF EDUCATION

DESIGN BY

ArchEng
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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



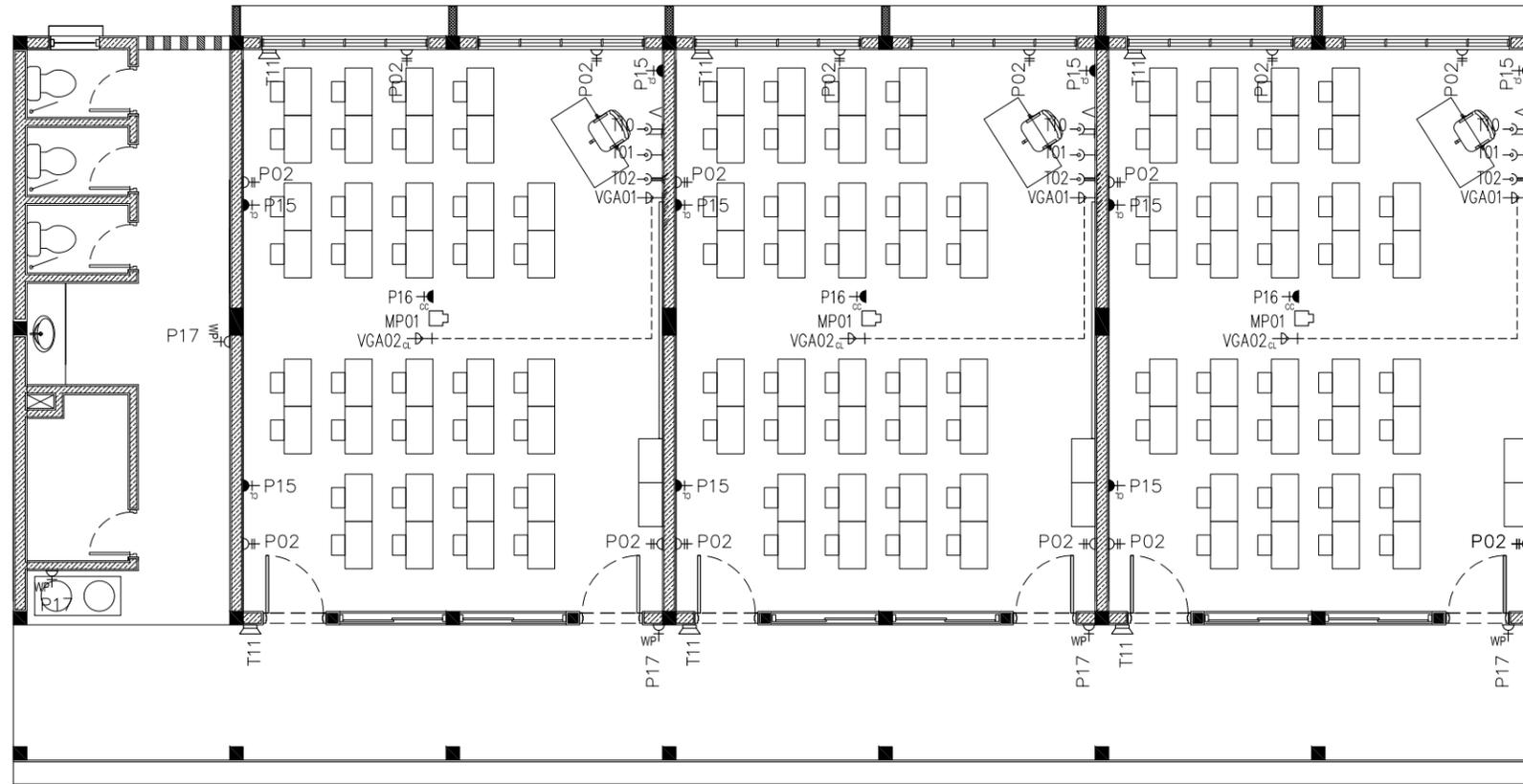
REVISION:

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



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

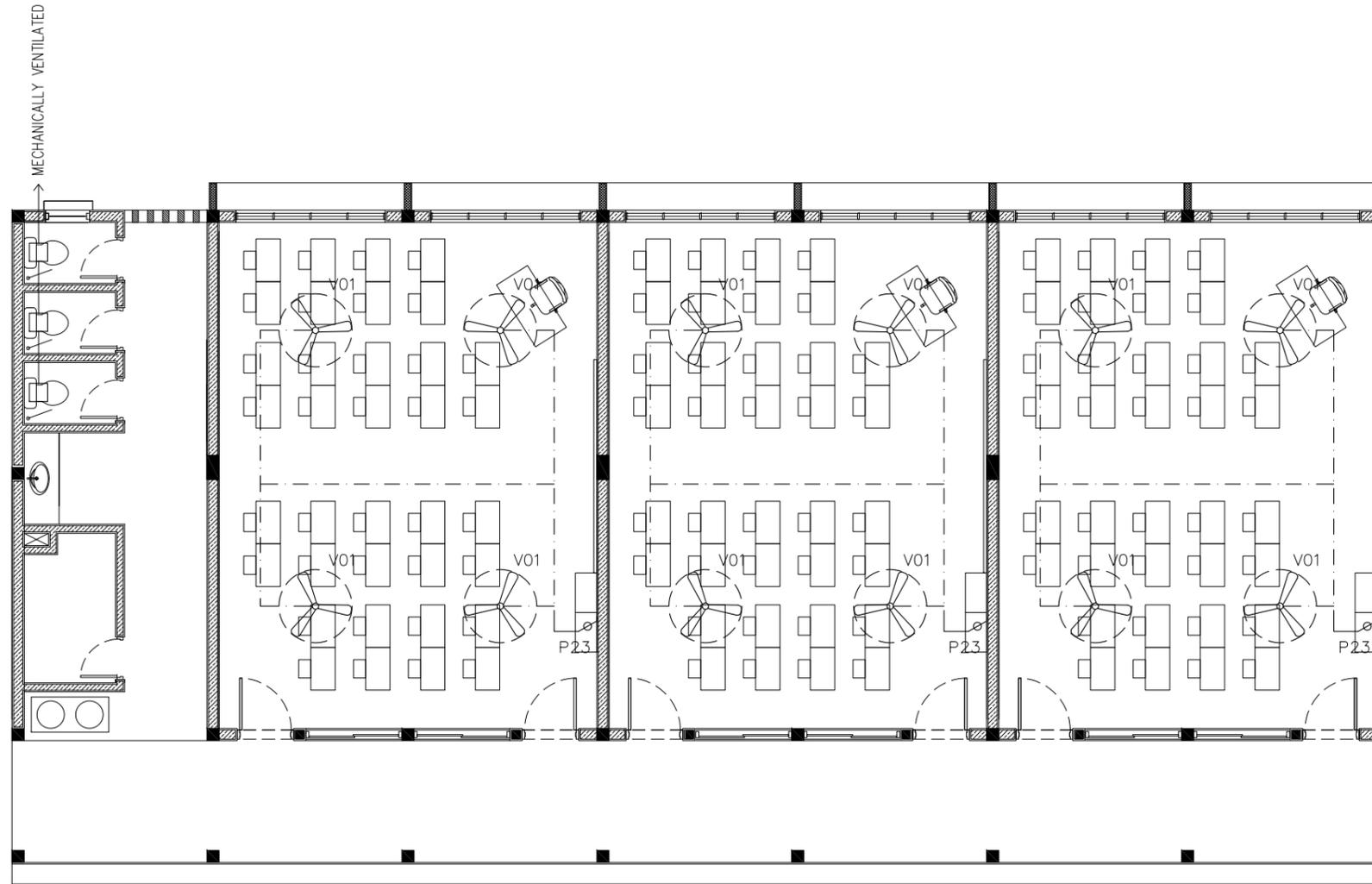
GROUND FLOOR POWER SOCKET LAYOUT PLAN

SCALE 1:100

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REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK (SINGLE STOREY)	E-02 DWG NO
	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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LEGEND

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

GROUND FLOOR FAN 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-03

DWG NO
PROJECT NO.: 14-124

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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TOILET TYPE 1



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:	

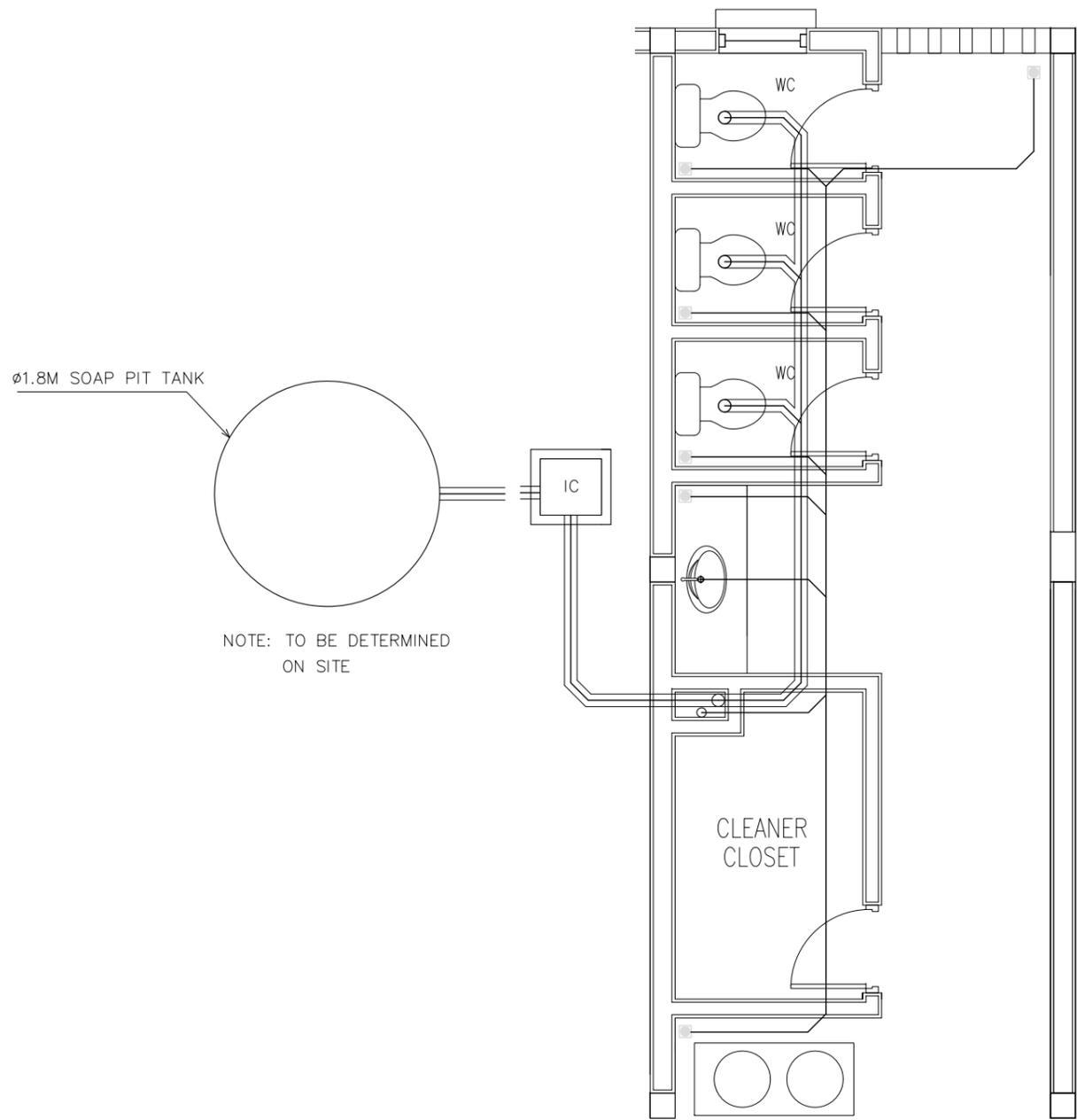
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

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

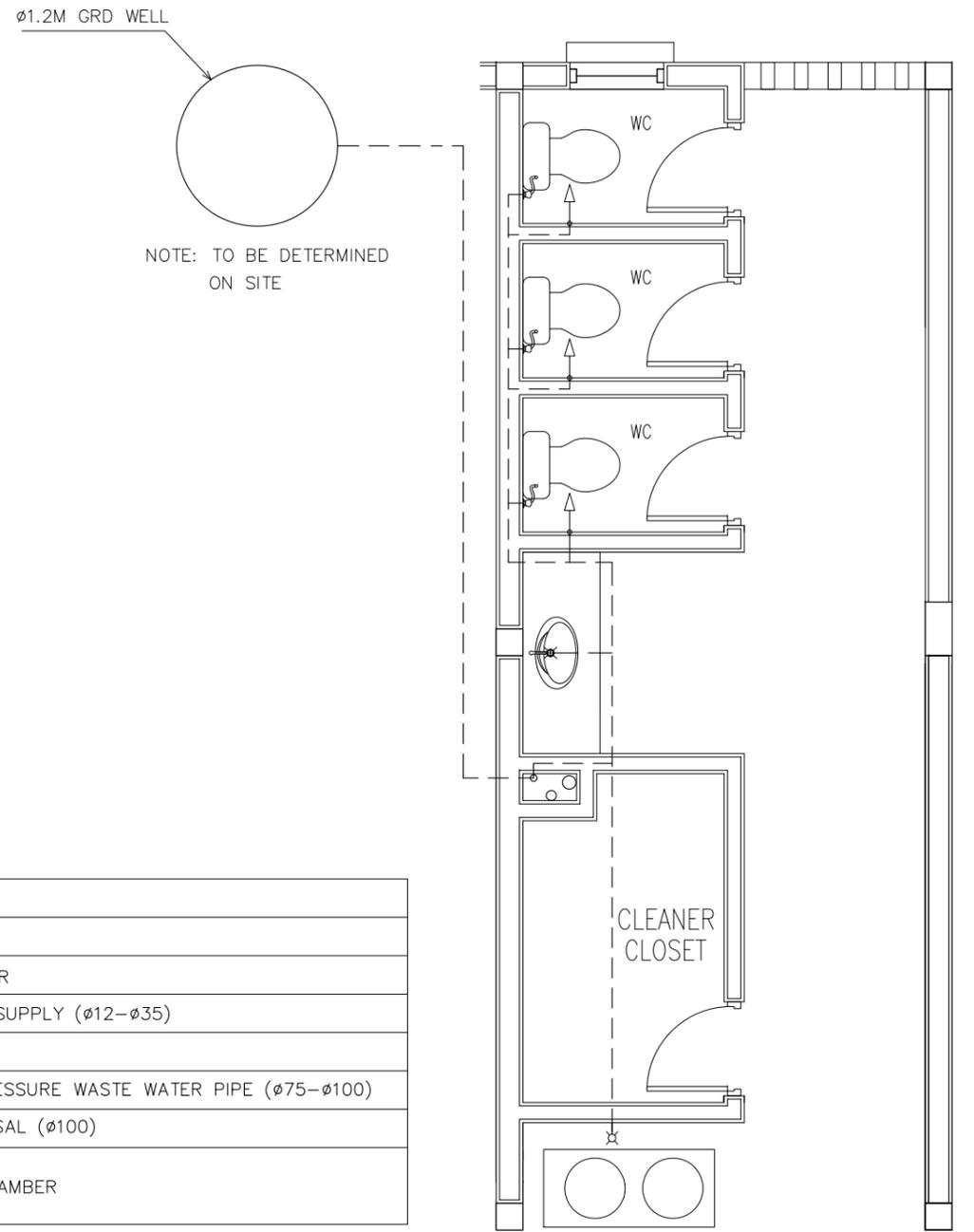
P-01

DWG NO
PROJECT NO.: 14-124

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



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

LEGEND

SYMBOL	DESCRIPTION
	TAP
	MUSLIM SHOWER
	MWSC WATER SUPPLY (ø12-ø35)
	FLOOR DRAIN
	UPVC HIGH PRESSURE WASTE WATER PIPE (ø75-ø100)
	SEWAGE DISPOSAL (ø100)
	INSPECTION CHAMBER

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

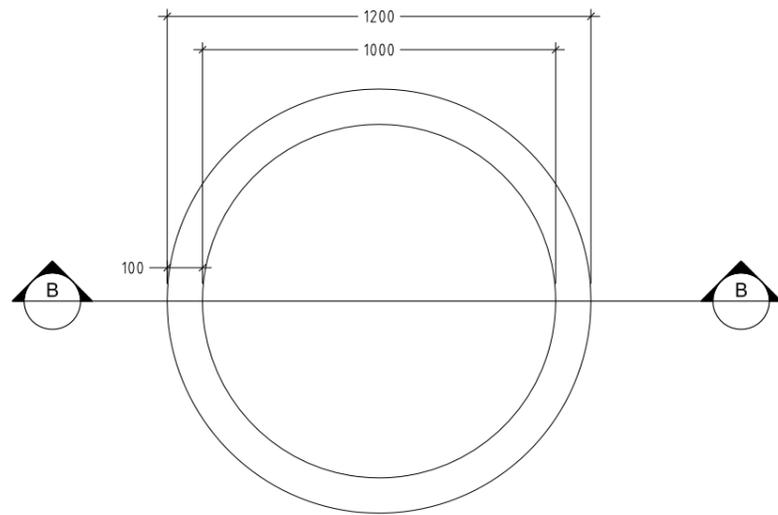


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	ENGINEER: MOHAMED AHSAN
	SERVICES ENG:
	ESTIMATOR:
	DRAWN BY: ASFAN AHMED

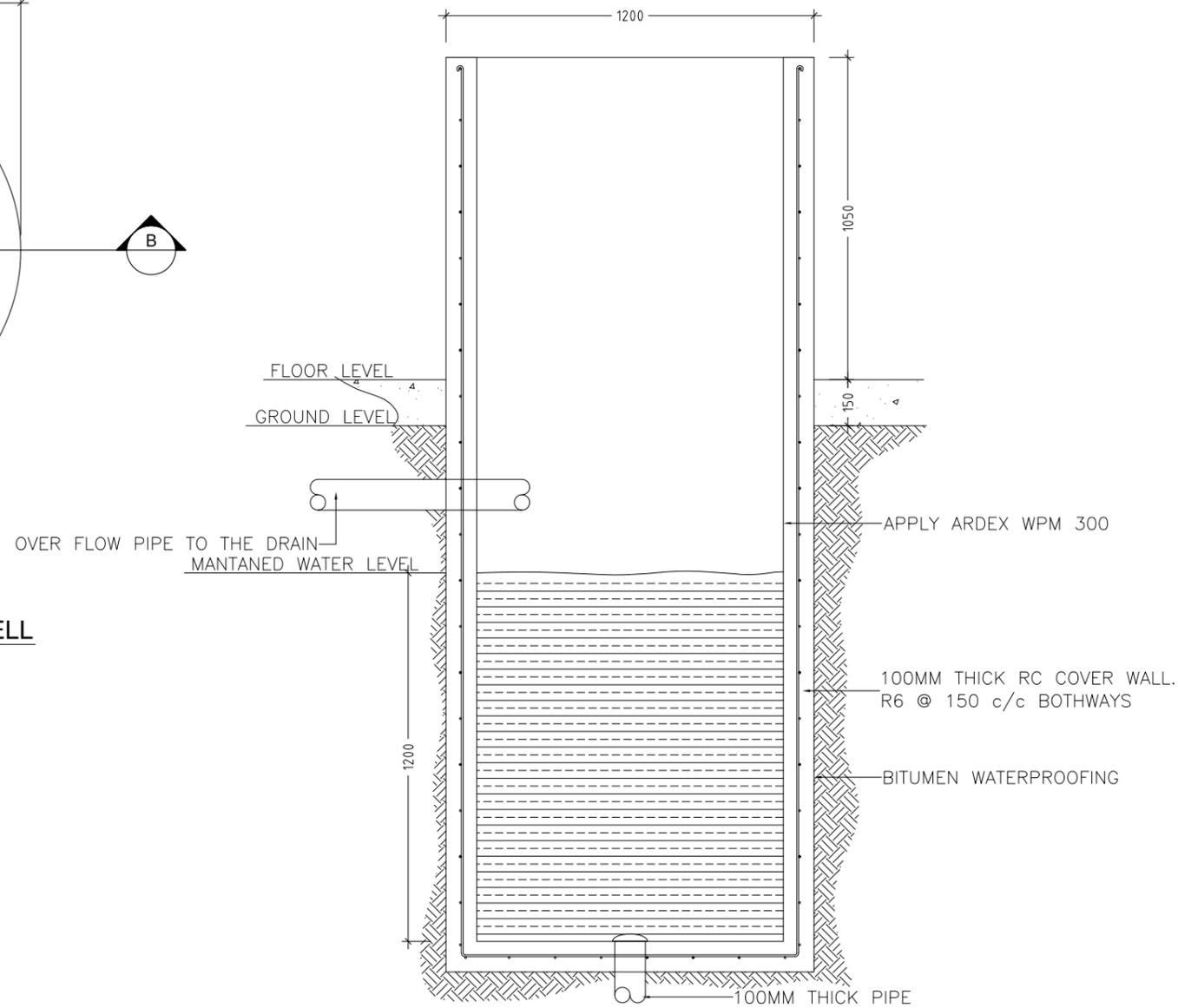
PROJECT:	PROPOSED 03 CLASS ROOM BLOCK (SINGLE STOREY)
LOCATION:	GAA ALIF VILLINGILI
DRAWING TITLE:	AS GIVEN
CLIENT:	MINISTRY OF EDUCATION
SCALE:	AS GIVEN
DIMENSION:	MM
DATE:	MAY 2015

P-02

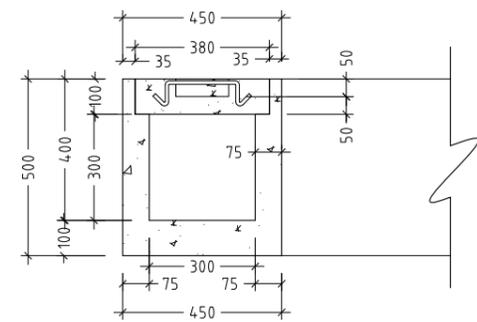
DWG NO
PROJECT NO.: 14-124



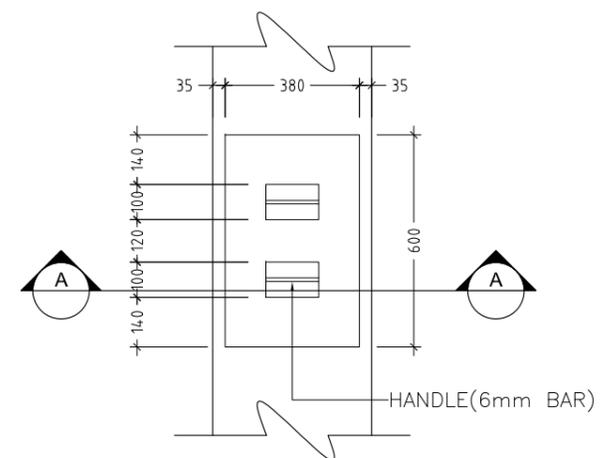
DETAIL B/ PLAN VIEW OF WELL
SCALE 1 : 20



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



REVISION:	

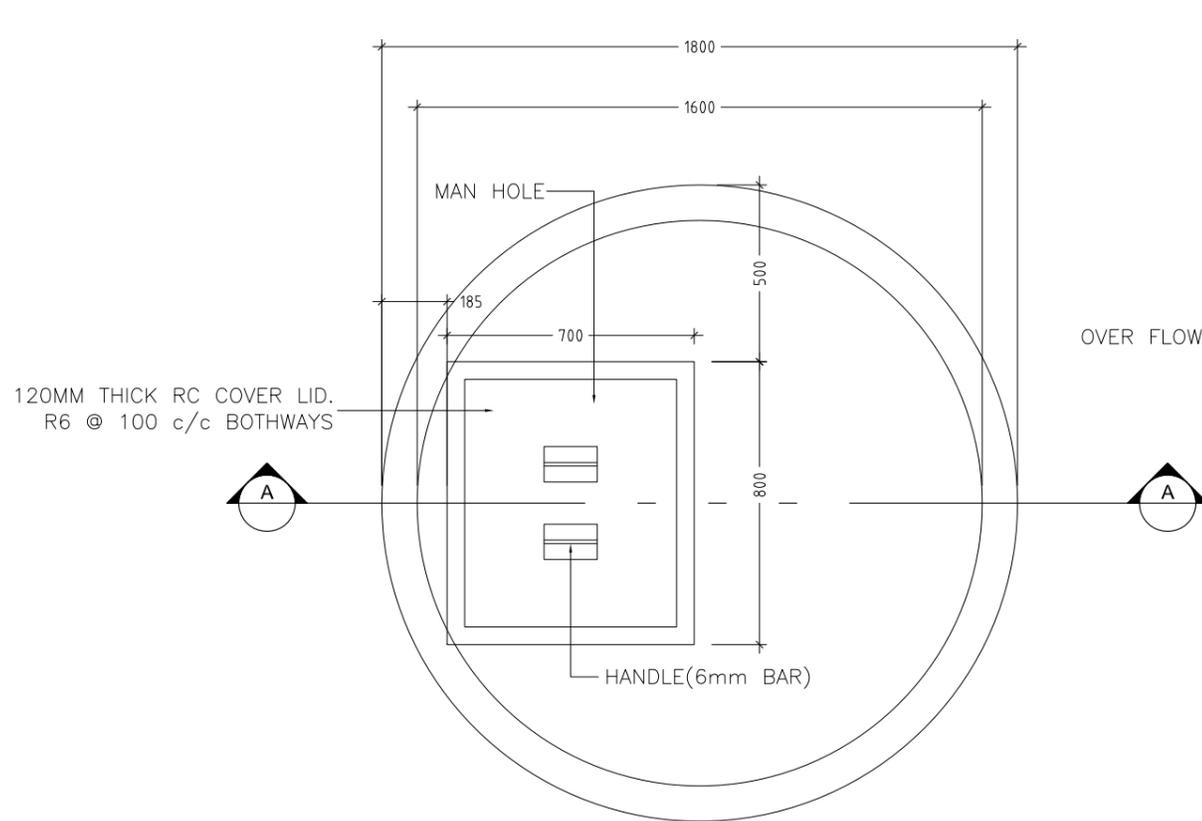
ARCHITECT:	MOHAMED HAMEEN
ENGINEER:	MOHAMED AHSAN
SERVICES ENG:	
ESTIMATOR:	
DRAWN BY:	ASFAN AHMED

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

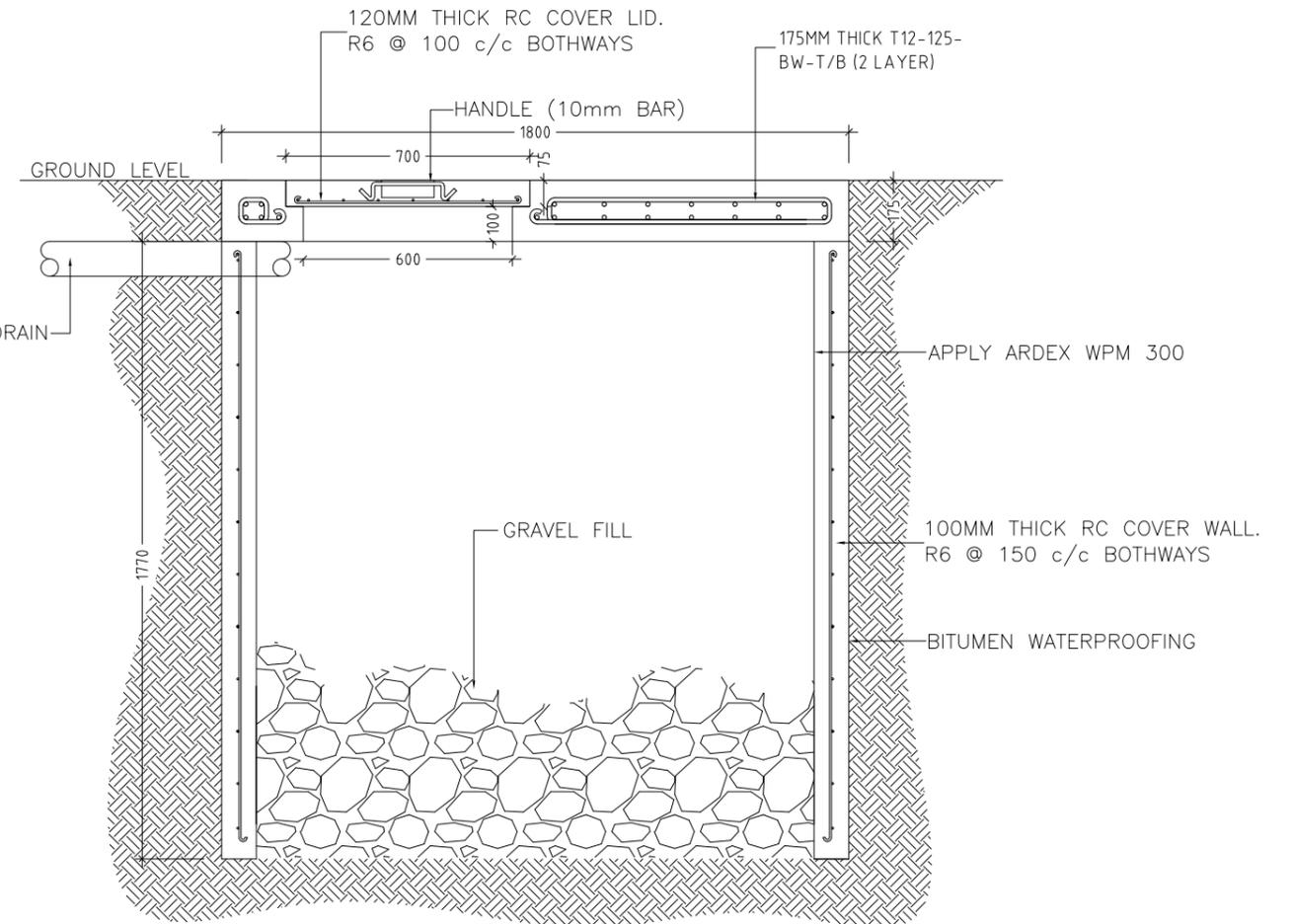
P-03

DWG NO

PROJECT NO.: 14-124



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



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK (SINGLE STOREY)	P-04 DWG NO
	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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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

ArchEng
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admin@archeng.biz



LEGEND

SYMBOL	CODE	DESCRIPTION
[FB]	F00	FIRE BLANKET
[□]	F02	BREAK GLASS MANUAL CALL POINT
[S]	F03	SMOKE DETECTOR
[H]	F05	FIRE ALARM BELL
[PE] _{H2O}	F07	PORTABLE EXTINGUISHER (H2O)
[PE] _{CO2}	F08	PORTABLE EXTINGUISHER (CO2)
[EXIT]	F12	EXIT SIGN

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

GROUND FLOOR FIRE SAFETY LAYOUT PLAN
SCALE 1:100

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



REVISION:	ARCHITECT: MOHAMED HAMEEN	PROJECT: PROPOSED 03 CLASS ROOM BLOCK (SINGLE STOREY)	F-01 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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