

# **PROPOSED 4 CLASS ROOM BLOCK & HALL BLOCK AT B. KENDHOO**

**(2 STOREY)**

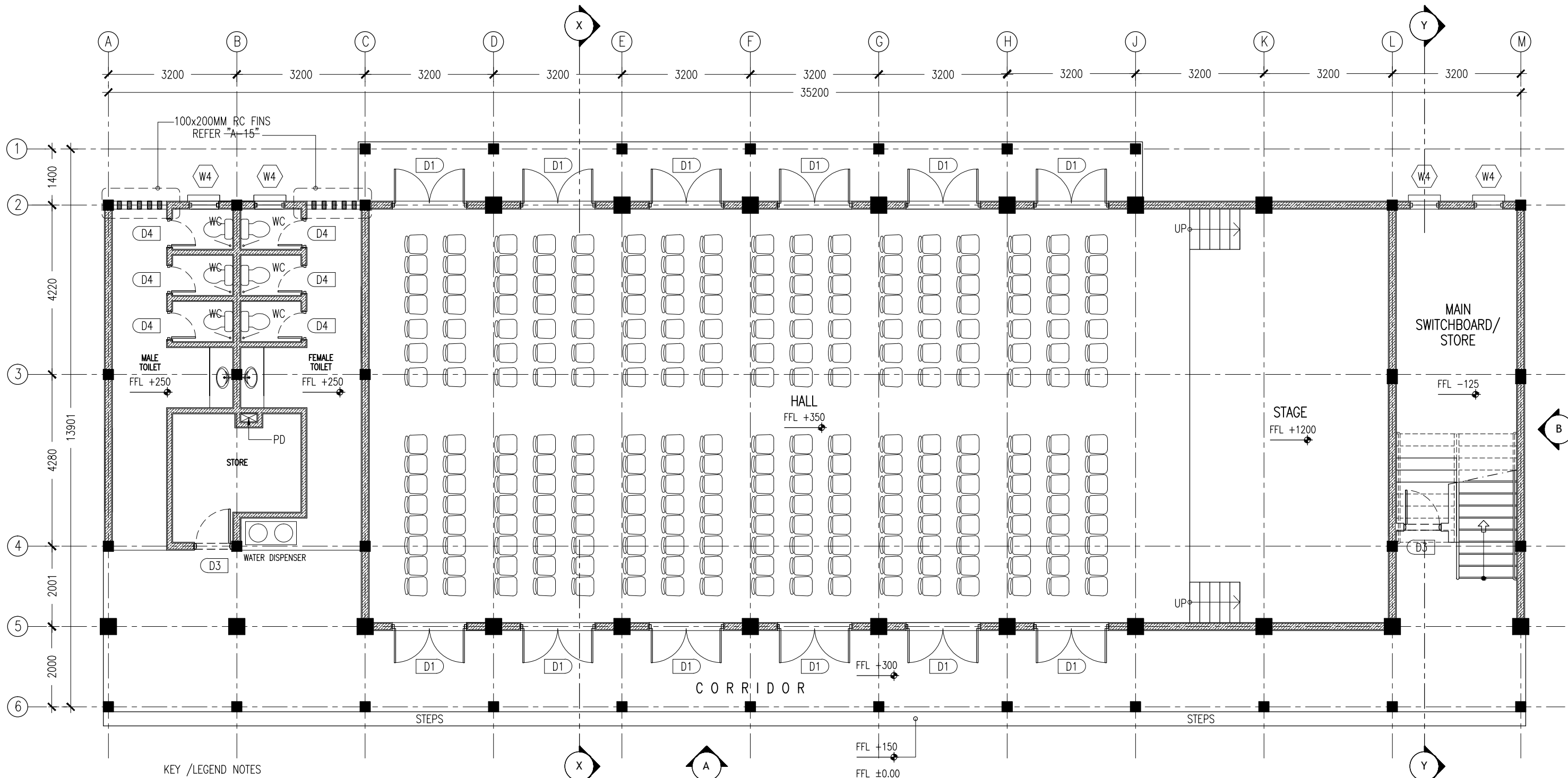
**ARCHITECTURAL & STRUCTURAL DRAWINGS**

MAY 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



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

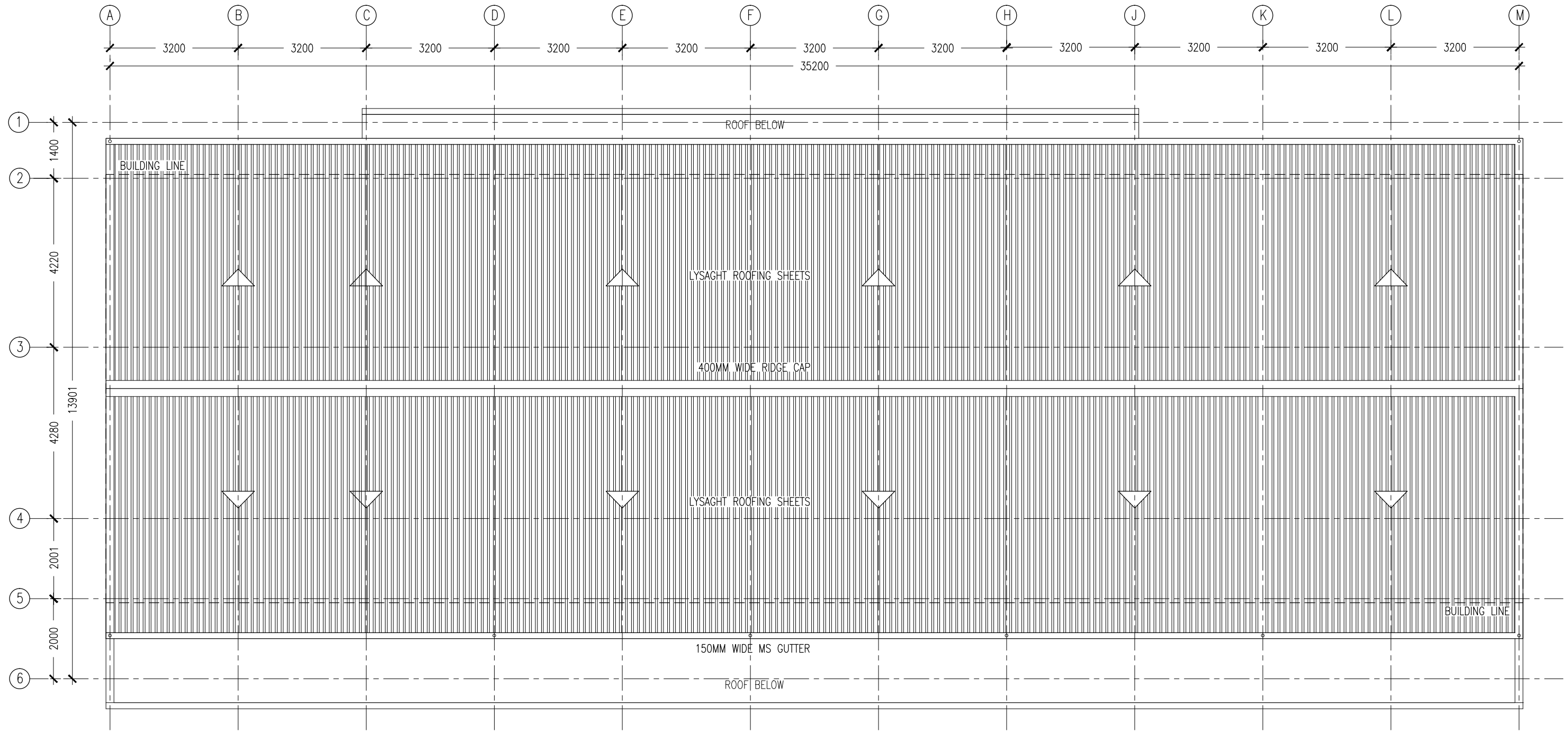


|           |                            |  |
|-----------|----------------------------|--|
| REVISION: | ARCHITECT: MOHAMED HAMEEN  | PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) |
|           | ENGINEER: MARIYAM SAMA AHU | LOCATION: B. KENDHOO                                       |
|           | SERVICES ENG:              | DRAWING TITLE: AS GIVEN                                    |
|           | ESTIMATOR:                 | CLIENT: MINISTRY OF EDUCATION                              |
|           | DRAWN BY: ASFAN AHMED      | SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016           |

**A-01**  
DWG NO  
PROJECT NO.:

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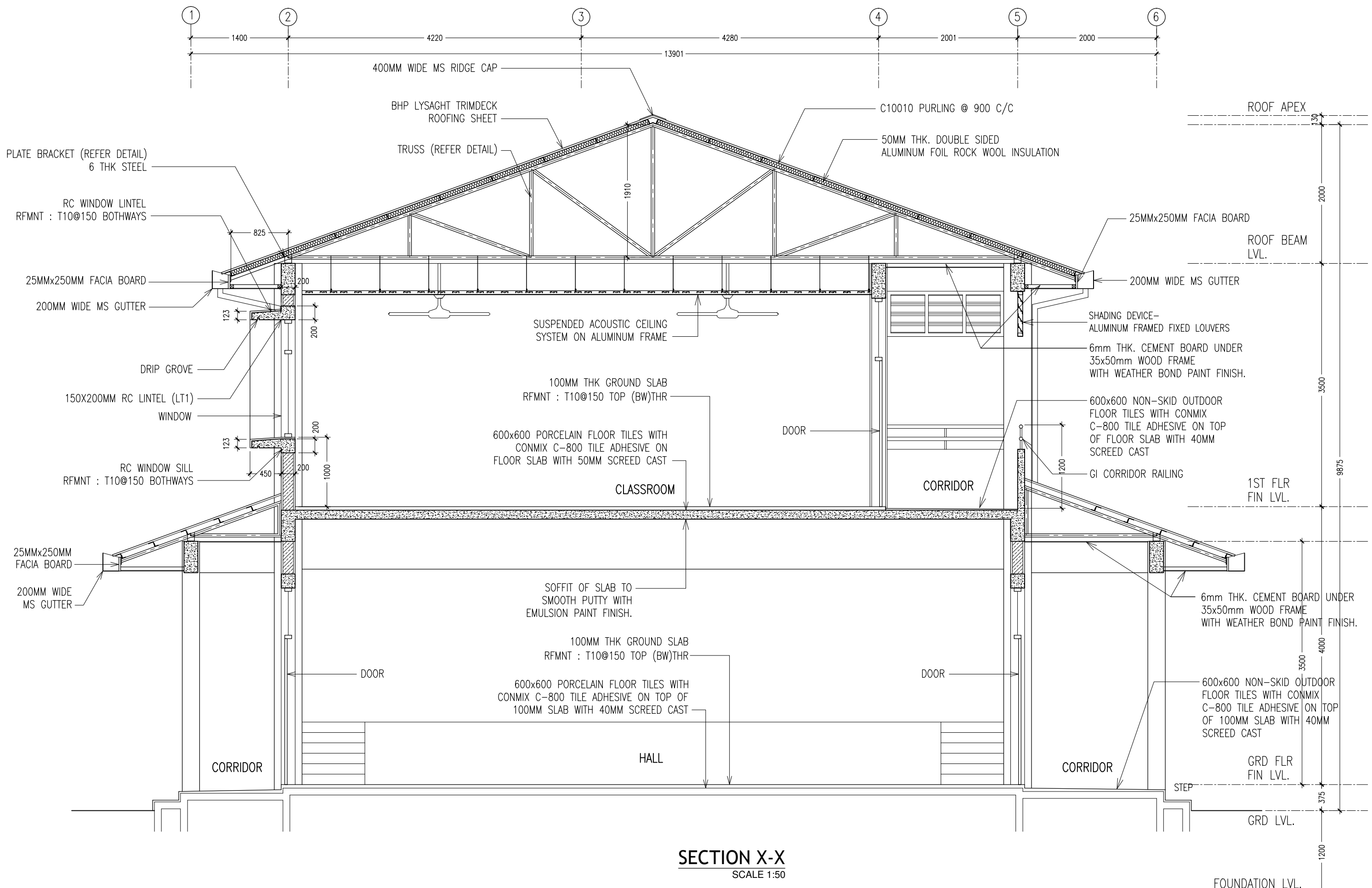
**UPPER LEVEL ROOF PLAN**  
SCALE 1:100

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|           |                           |  |              |
|-----------|---------------------------|--|--------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) | <b>A-03</b>  |
|           | ENGINEER: MARIYAM SAMAAHU | LOCATION: B. KENDHOO                                       |              |
|           | SERVICES ENG:             | DRAWING TITLE: AS GIVEN                                    |              |
|           | ESTIMATOR:                | CLIENT: MINISTRY OF EDUCATION                              |              |
|           | DRAWN BY: ASFAN AHMED     | SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016           |              |
|           |                           |  | DWG NO:      |
|           |                           |  | PROJECT NO.: |

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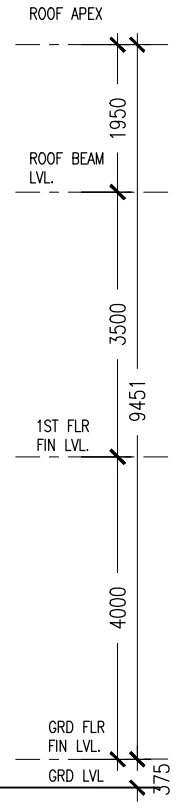
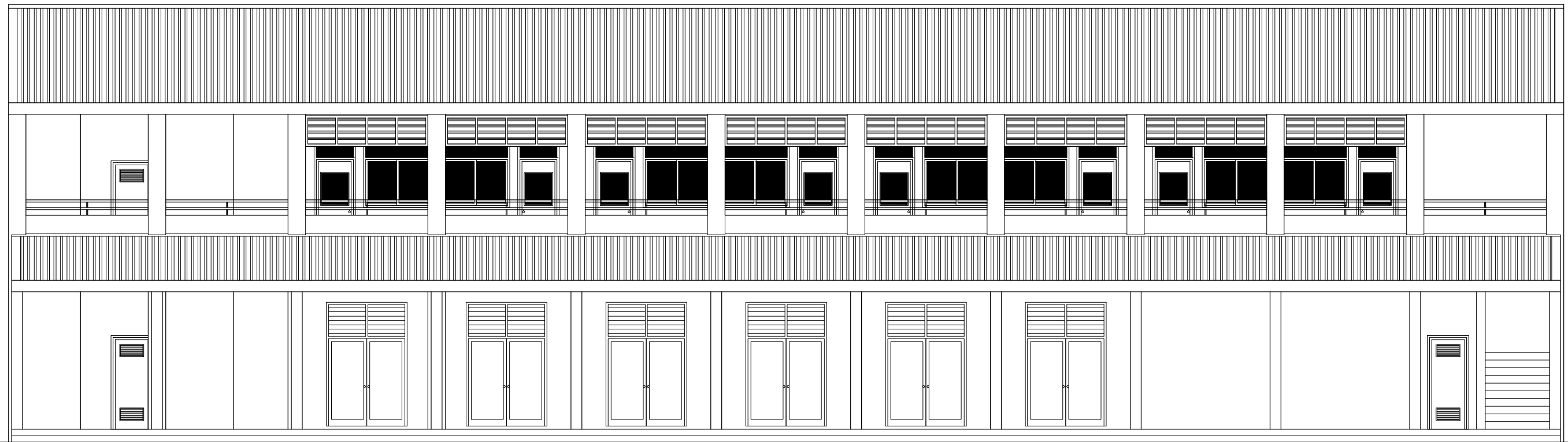
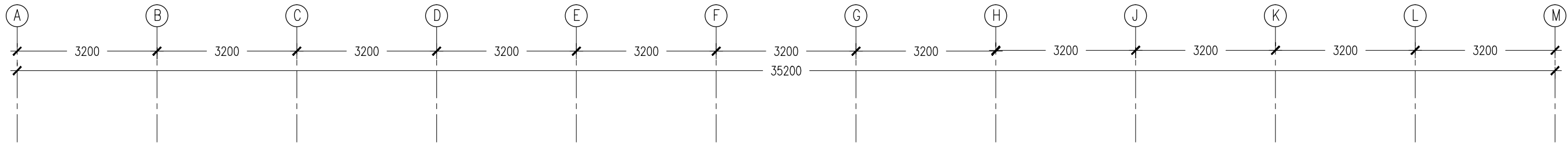


|           |                           |
|-----------|---------------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN |
|           | ENGINEER: MARIYAM SAMAAHU |
|           | SERVICES ENG:             |
|           | ESTIMATOR:                |
|           | DRAWN BY: ASFAN AHMED     |

|  |
|--|
| PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) |
| LOCATION: B. KENDHOO                                       |
| DRAWING TITLE: AS GIVEN                                    |
| CLIENT: MINISTRY OF EDUCATION                              |
| SCALE: AS GIVEN  |
| DIMENSION: MM  |
| DATE: MAY 2016   |

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|--------------|-------------|
| DWG NO       | <b>A-04</b> |
| PROJECT NO.: |             |

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**ELEVATION - A**  
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

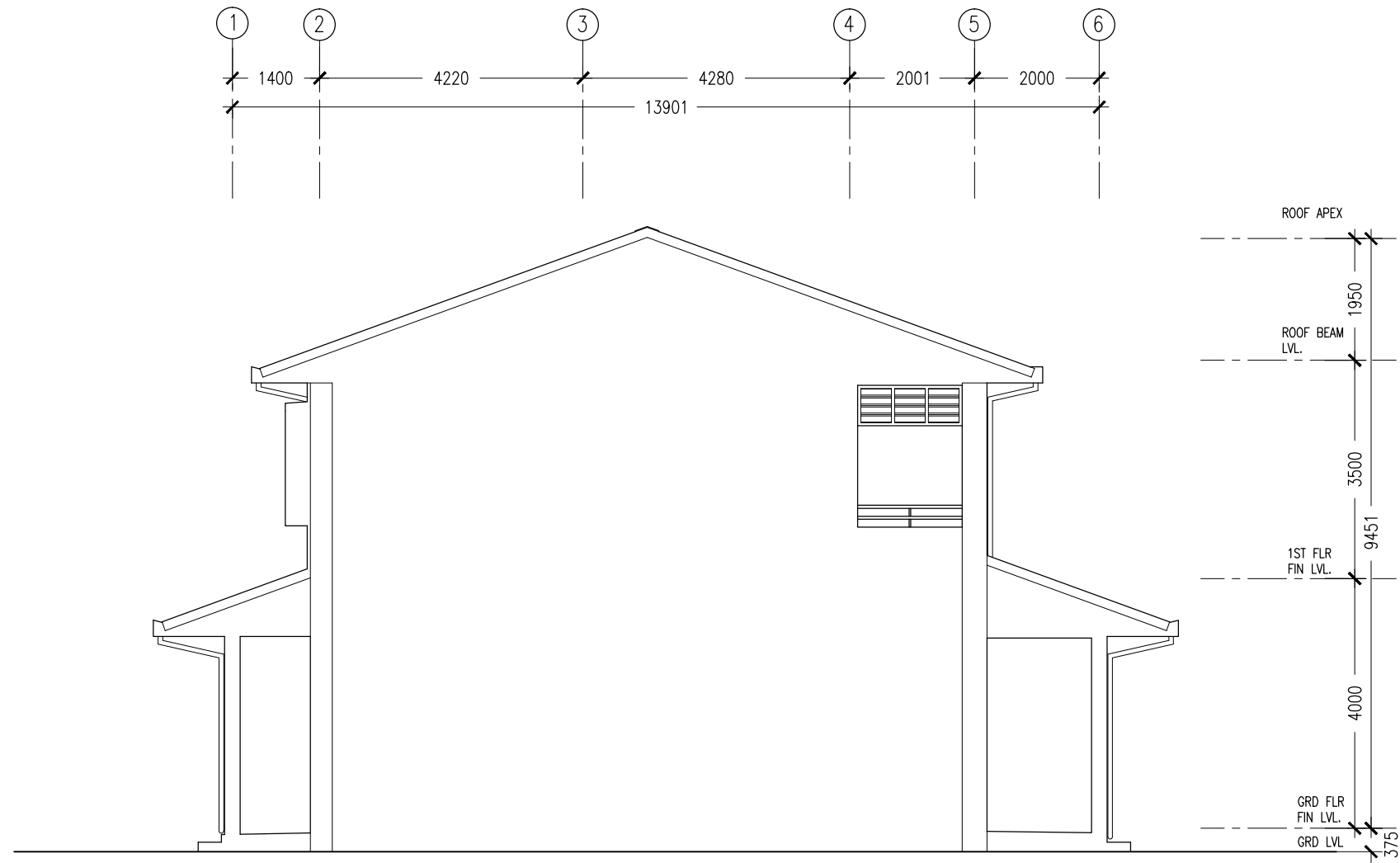


|           |                           |
|-----------|---------------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN |
|           | ENGINEER: MARIYAM SAMAAHU |
|           | SERVICES ENG:             |
|           | ESTIMATOR:                |
|           | DRAWN BY: ASFAN AHMED     |

|  |
|--|
| PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) |
| LOCATION: B. KENDHOO                                       |
| DRAWING TITLE: AS GIVEN                                    |
| CLIENT: MINISTRY OF EDUCATION                              |
| SCALE: AS GIVEN    DIMENSION: MM    DATE: MAY 2016         |

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|--------------|-------------|
| DWG NO       | <b>A-05</b> |
| PROJECT NO.: |             |

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**ELEVATION - B**  
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:     | MARIYAM SAMAAHU |
| SERVICES ENG: |                 |
| ESTIMATOR:    |                 |
| DRAWN BY:     | ASFAN AHMED     |

|                |   |
|----------------|---|
| PROJECT:       | PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) |
| LOCATION:      | B. KENDHOO  |
| DRAWING TITLE: | AS GIVEN  |
| CLIENT:        | MINISTRY OF EDUCATION                             |

|        |          |            |    |       |          |
|--------|----------|------------|----|-------|----------|
| SCALE: | AS GIVEN | DIMENSION: | MM | DATE: | MAY 2016 |
|--------|----------|------------|----|-------|----------|

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| <b>A-06</b>  |
| DWG NO       |
| PROJECT NO.: |

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|               |   |   |   |   |
|---------------|---|---|---|---|
| ELEVATIONS :  |   |   |   |   |
|               | FINISH FLOOR LEVEL  | FINISH FLOOR LEVEL  | FINISH FLOOR LEVEL  | FINISH FLOOR LEVEL  |
| DR / WD NO.   | D1  | D2  | D3  | D4  |
| DESCRIPTION : | ALUMINUM FRAMED OPENABLE DOOR PANEL                             | 40MM THICK OPENABLE SOLID TIMBER DOOR PANEL                     | 40MM THICK OPENABLE SOLID TIMBER DOOR PANEL                     | 40MM THICK OPENABLE SOLID TIMBER DOOR PANEL                     |
| FRAME :       | 80 MICRON WHITE POWDER COATED ALUMINIUM FRAME                   | 120MM TIMBER FRAME  | 120MM TIMBER FRAME  | 120MM TIMBER FRAME  |
| HARDWARE :    | DOOR CLOSER<br>CYLINDRICAL LOCK<br>BUTT HINGE<br>STOPPER HOLDER | DOOR CLOSER<br>CYLINDRICAL LOCK<br>BUTT HINGE<br>STOPPER HOLDER | DOOR CLOSER<br>CYLINDRICAL LOCK<br>BUTT HINGE<br>STOPPER HOLDER | DOOR CLOSER<br>CYLINDRICAL LOCK<br>BUTT HINGE<br>STOPPER HOLDER |
| GLAZING :     | 6MM THICK BLUE TINTED LAMINATED GLASS                           | C-4MM<br>ALL FIXED PANELS TO BE DOUBLE GLAZED                   |   |   |

|               |   |   |   |   |
|---------------|---|---|---|---|
| ELEVATIONS :  |   |   |   |   |
|               | FINISH FLOOR LEVEL                            | FINISH FLOOR LEVEL  | FINISH FLOOR LEVEL                            | FINISH FLOOR LEVEL                            |
| DR / WD NO.   | W1  | W2  | W3  | W4  |
| DESCRIPTION : | ALUMINUM FRAMED WINDOW PANEL                  | ALUMINUM FRAMED SLIDING WINDOW PANEL                                  | ALUMINUM FRAMED 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 |
| HARDWARE :    |   |   |   |   |
| GLAZING :     | C-5MM THICK BLUE TINTED GLASS                 | C-5MM THICK BLUE TINTED GLASS<br>ALL FIXED PANELS TO BE DOUBLE GLAZED | C-5MM THICK BLUE TINTED GLASS                 |   |

**GENERAL NOTES:**

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

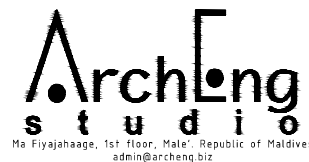
ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO FABRICATION

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

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

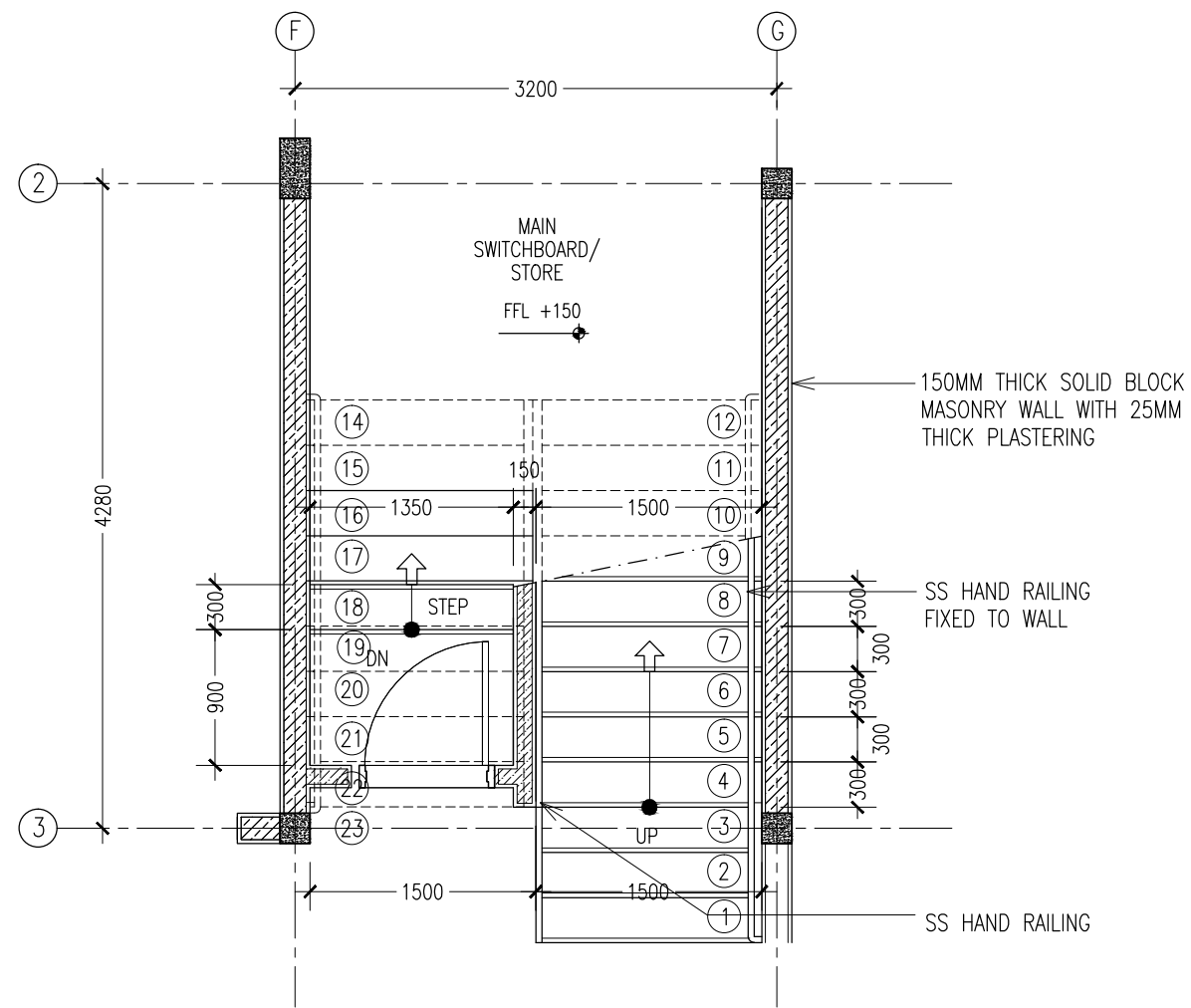
**DOOR / WINDOW SCHEDULE**  
SCALE 1:50

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

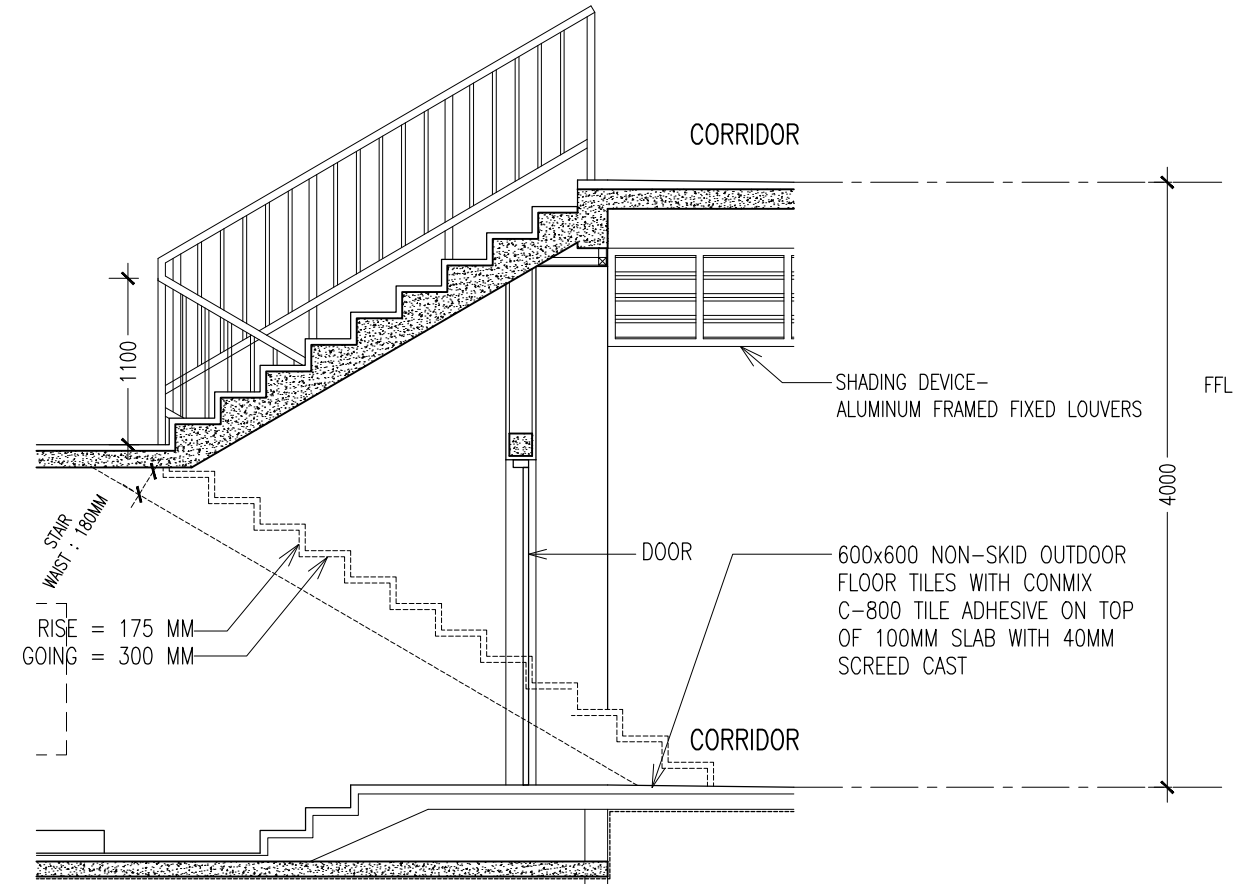


|   |                           |  |
|---|---------------------------|--|
| REVISION:   | ARCHITECT: MOHAMED HAMEEN | PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) |
|   | ENGINEER: MARIYAM SAMAAHU | LOCATION: B. KENDHOO                                       |
|   | SERVICES ENG:             | DRAWING TITLE: AS GIVEN                                    |
|   | ESTIMATOR:                | CLIENT: MINISTRY OF EDUCATION                              |
|   | DRAWN BY: ASFAN AHMED     | SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016           |
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|   |                           | PROJECT NO.:   |

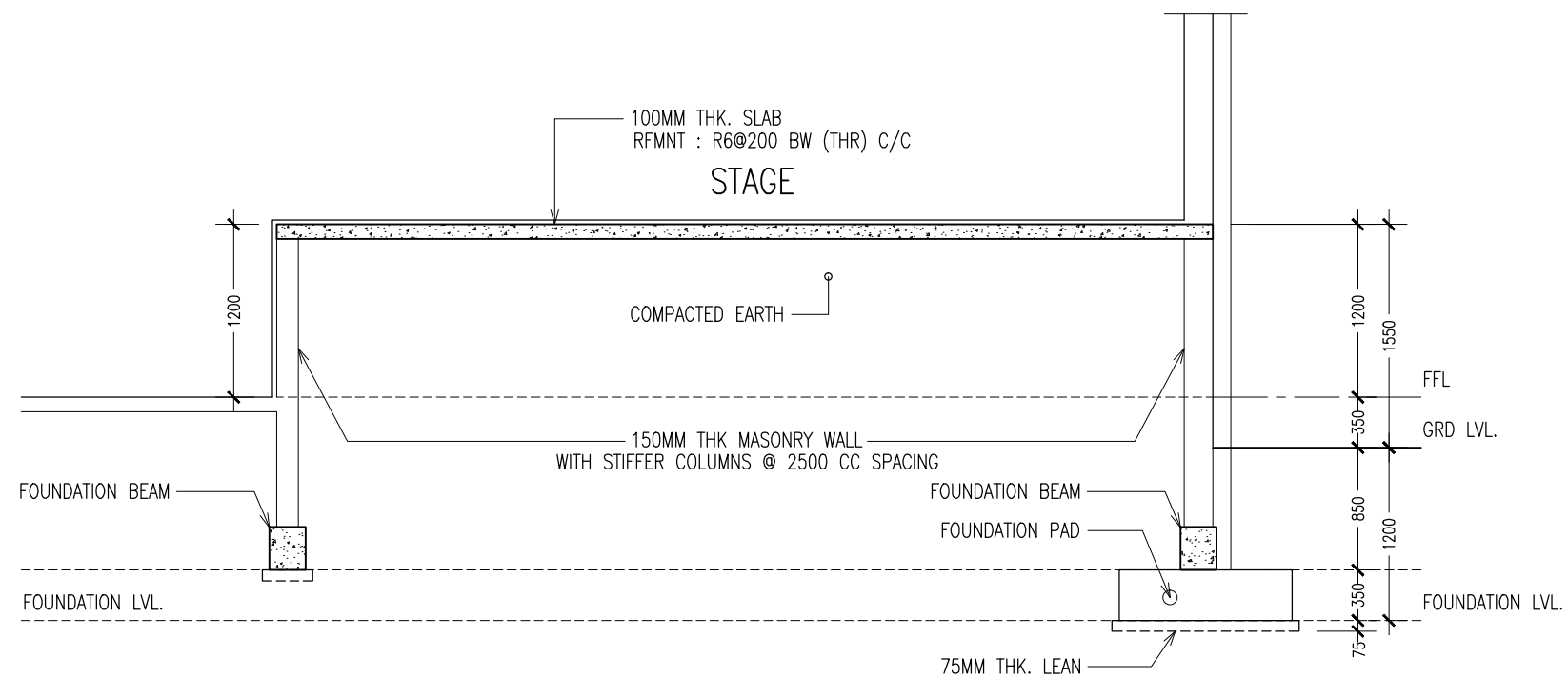




**GROUND FLOOR STAIR PLAN**  
SCALE 1:50



**SECTION Y-Y**  
SCALE 1:50



**TYPICAL STAGE DETAILS - SECTION**  
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: MARIYAM SAMAAHU  
SERVICES ENG:  
ESTIMATOR:  
DRAWN BY: ASFAN AHMED

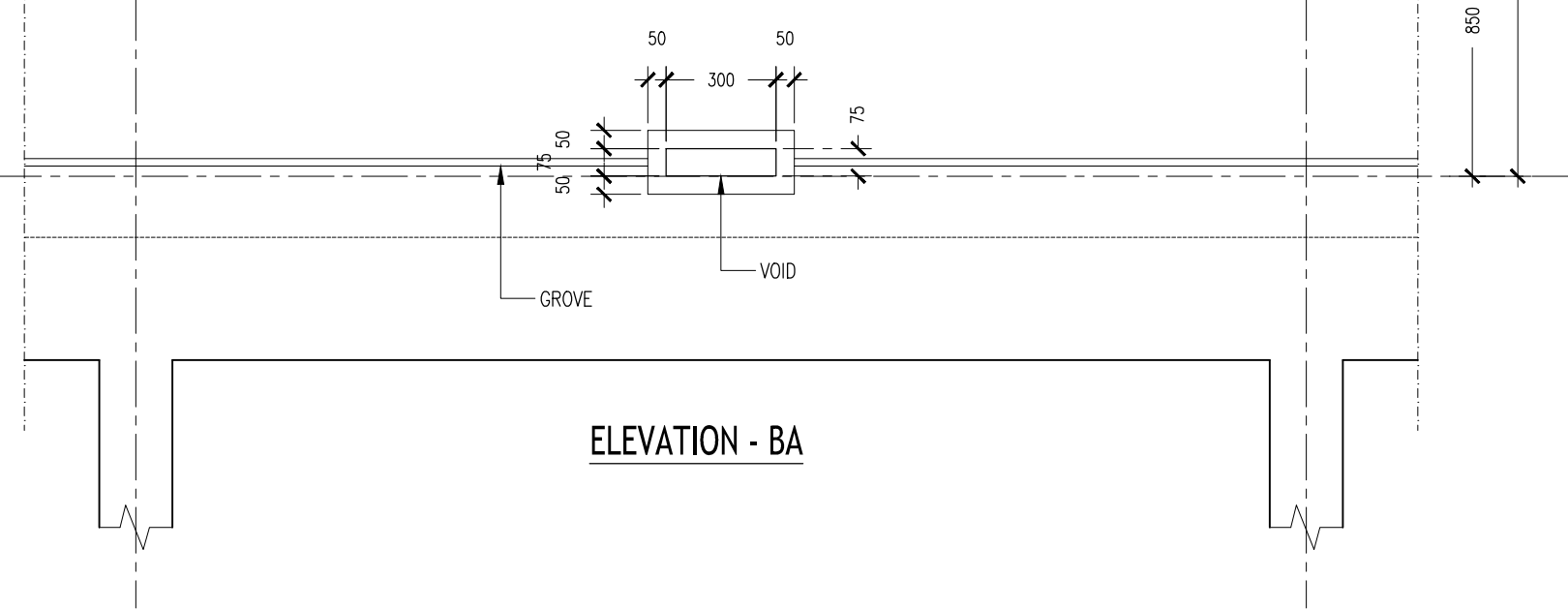
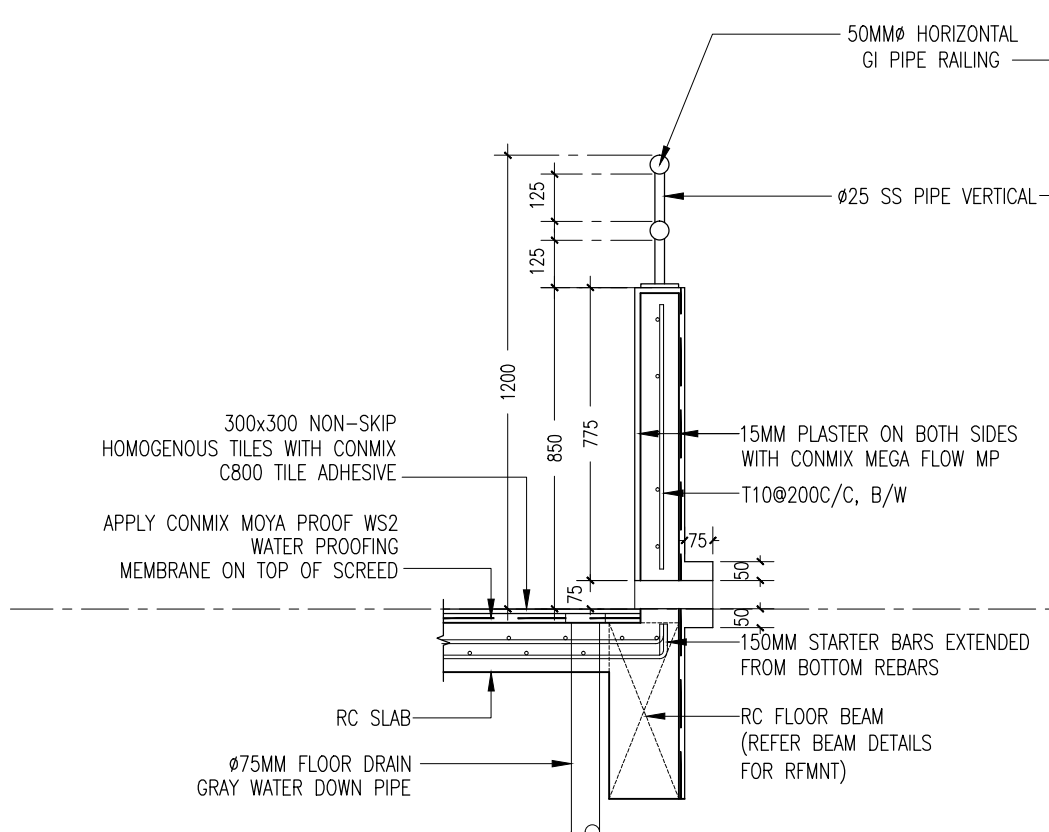
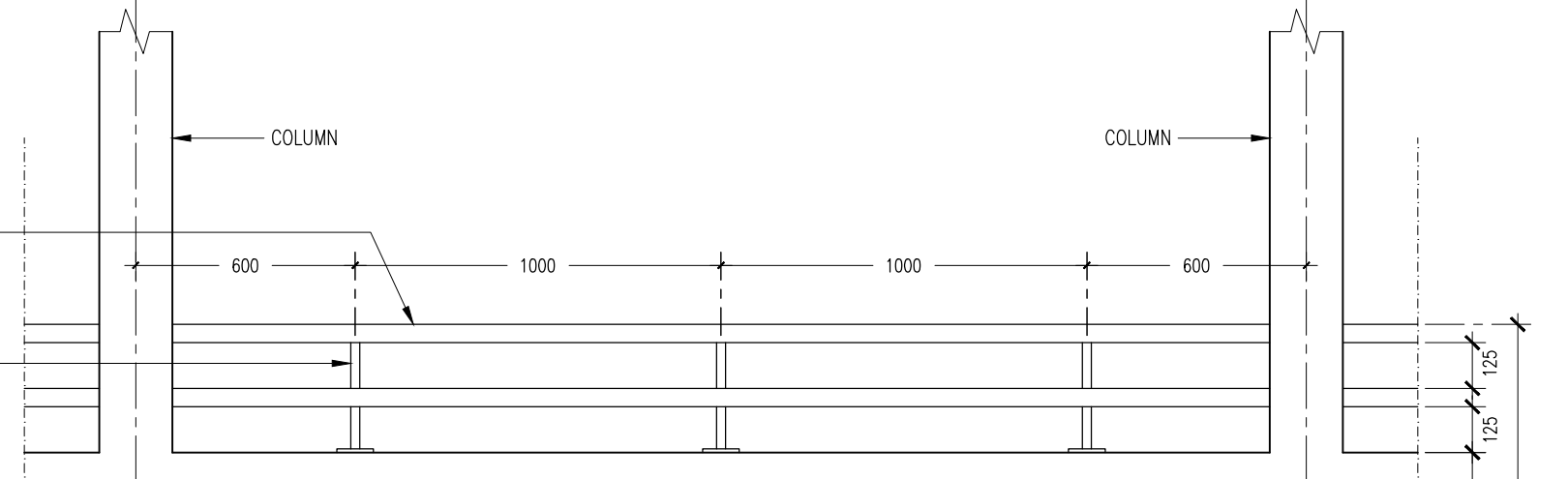
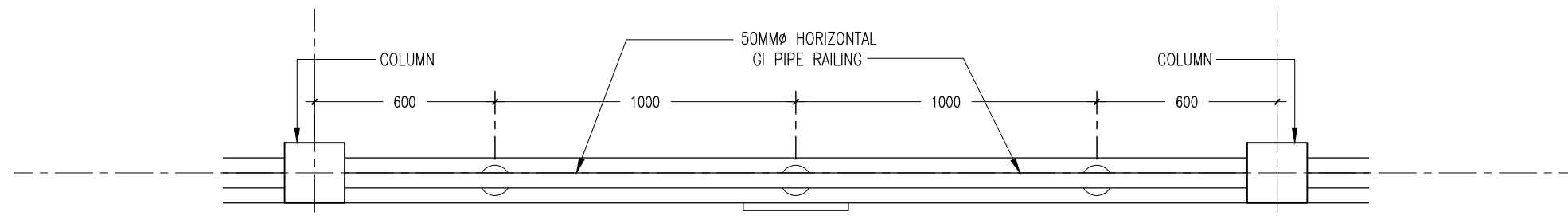
PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY )  
LOCATION: B. KENDHOO  
DRAWING TITLE: AS GIVEN  
CLIENT: MINISTRY OF EDUCATION  
SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016

**A-08**

DWG NO

PROJECT NO.:

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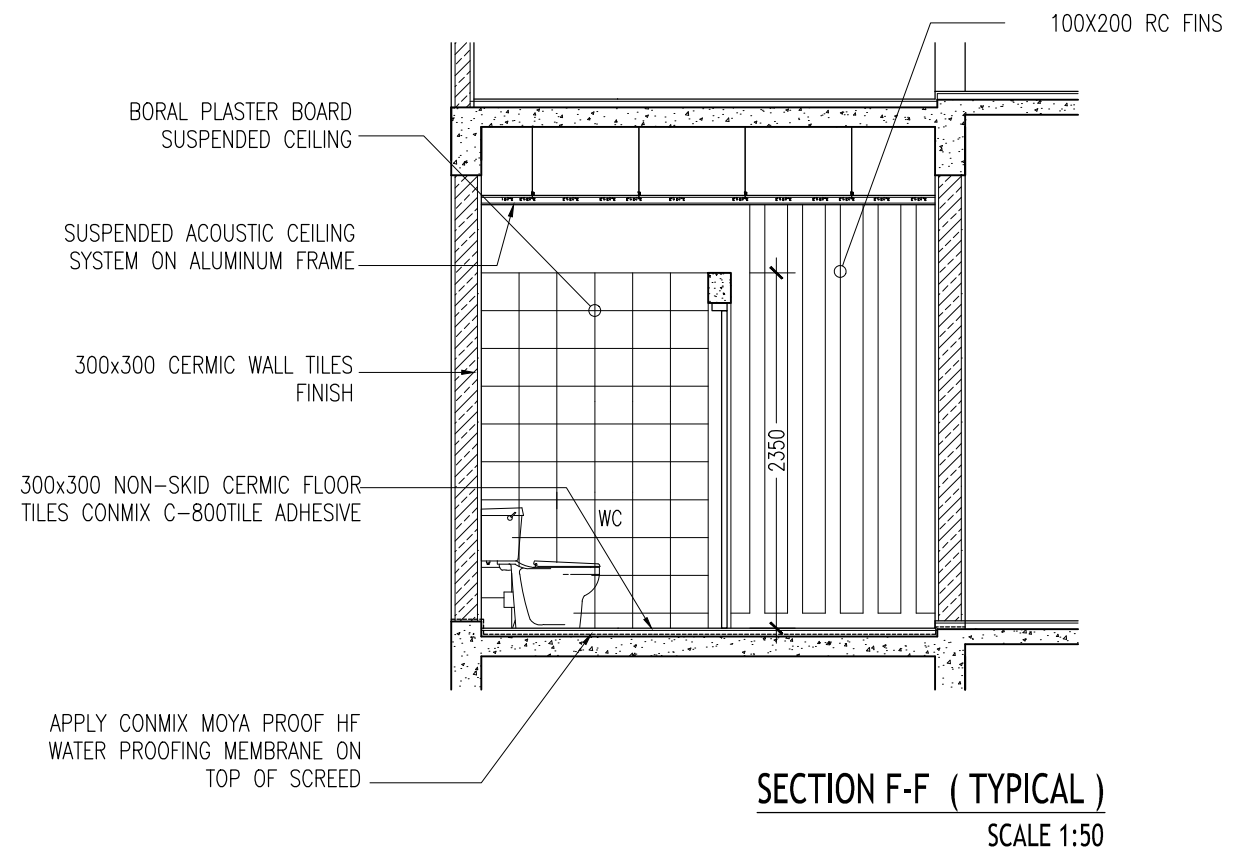
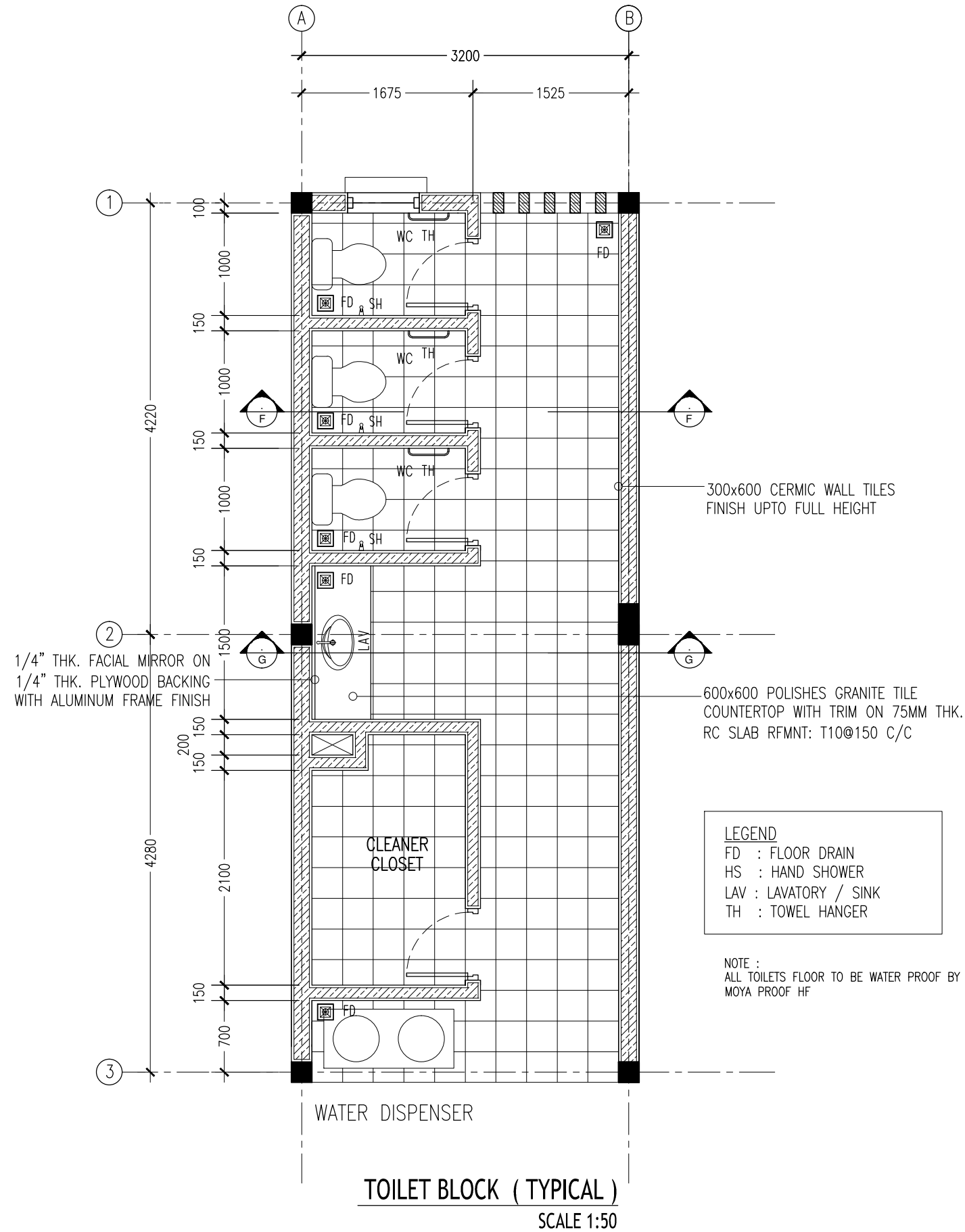
**TYPICAL BALCONY PARAPET WALL**  
SCALE 1:20

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 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) | <b>A-09</b>  |
|           | ENGINEER: MARIYAM SAMAAHU | LOCATION: B. KENDHOO                                       |              |
|           | SERVICES ENG:             | DRAWING TITLE: AS GIVEN                                    |              |
|           | ESTIMATOR:                | CLIENT: MINISTRY OF EDUCATION                              |              |
|           | DRAWN BY: ASFAN AHMED     | SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016           |              |
|           |                           |  | DWG NO       |
|           |                           |  | PROJECT NO.: |

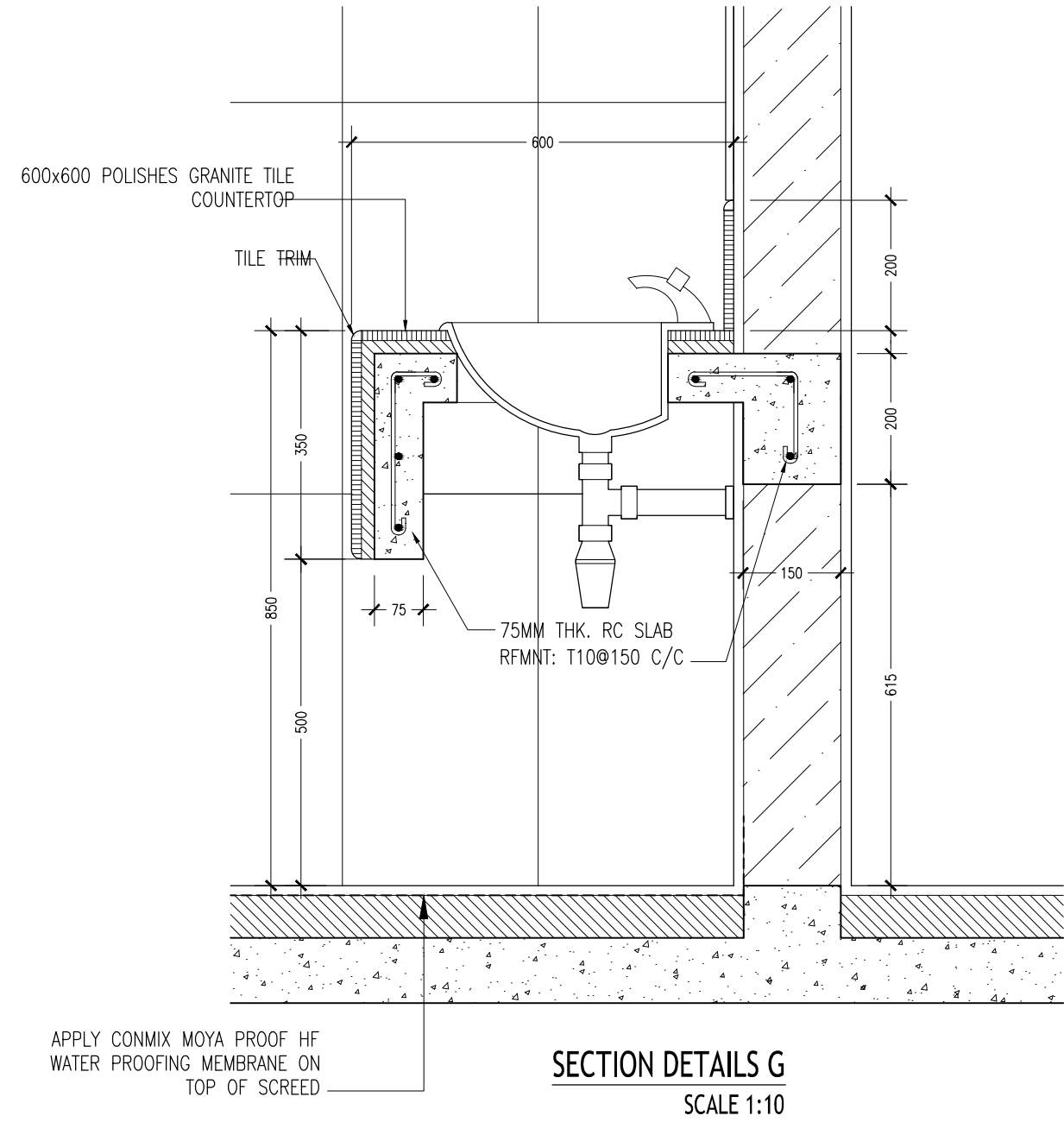
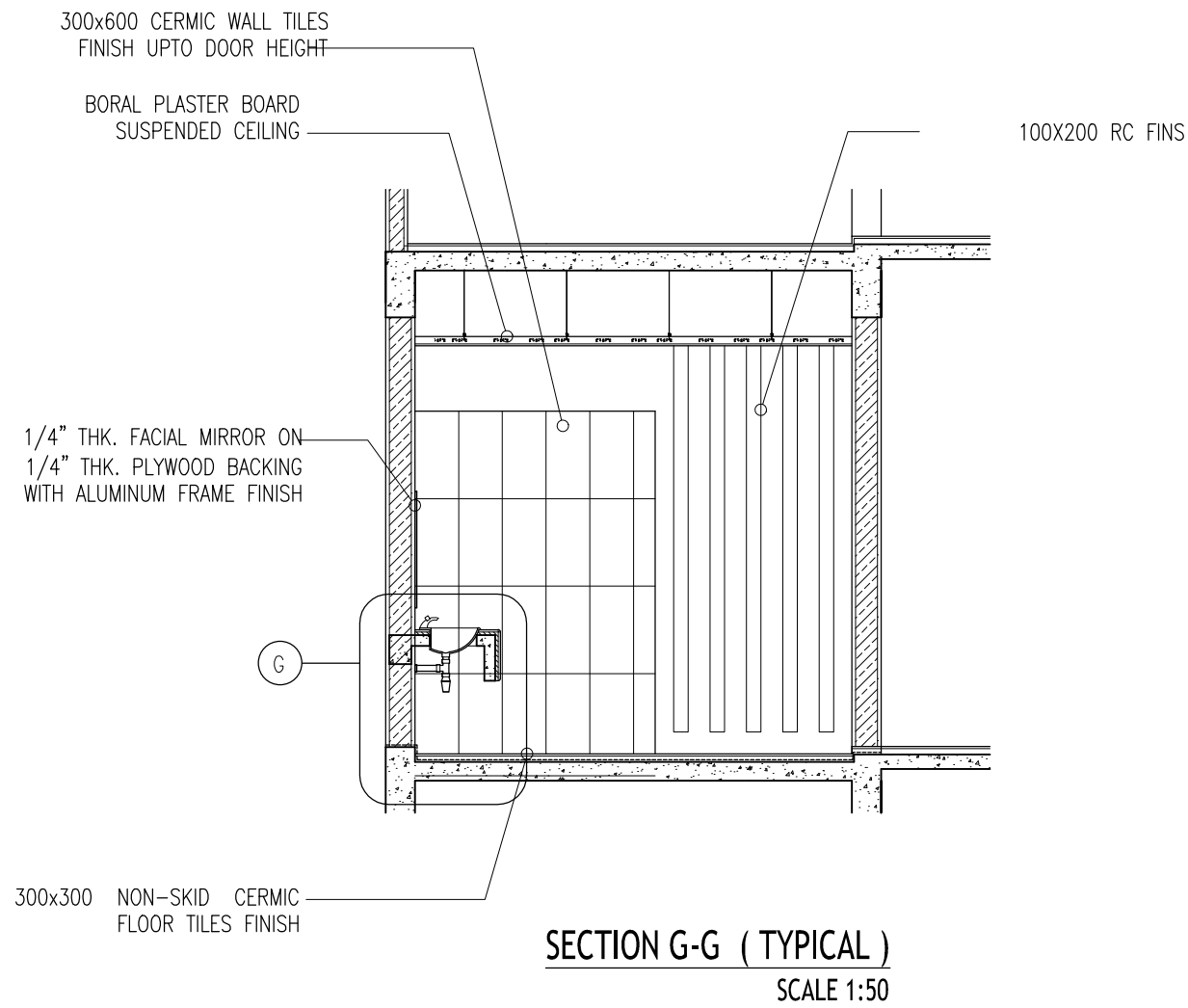
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SCALE READINGS



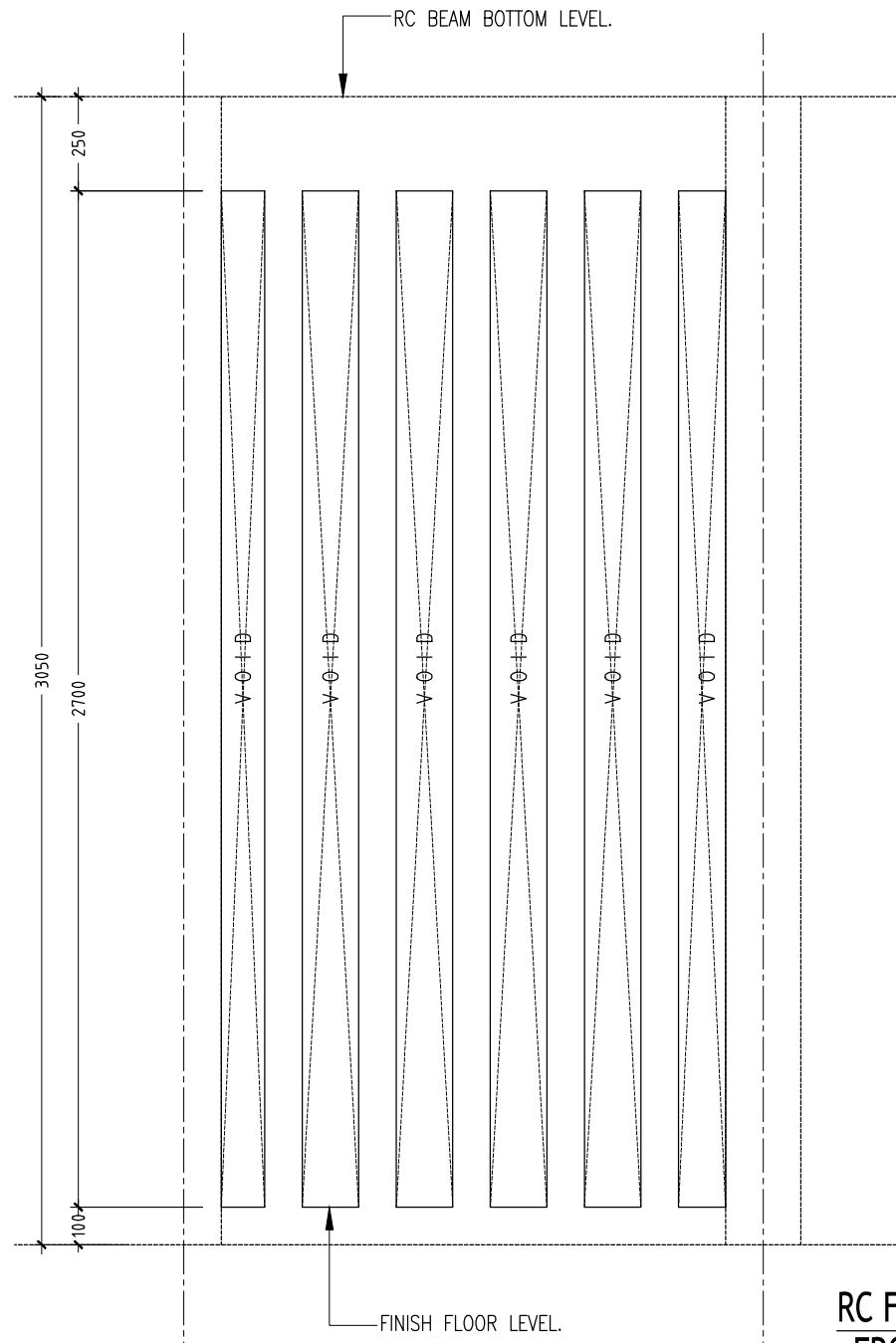
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|---|---------------------------|--|-------------------------|
| REVISION:   | ARCHITECT: MOHAMED HAMEEN | PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) | <b>A-10</b>             |
|   | ENGINEER: MARIYAM SAMAAHU | LOCATION: B. KENDHOO                                       |                         |
|   | SERVICES ENG:             | DRAWING TITLE: AS GIVEN                                    |                         |
|   | ESTIMATOR:                | CLIENT: MINISTRY OF EDUCATION                              |                         |
|   | DRAWN BY: ASFAN AHMED     | SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016           |                         |
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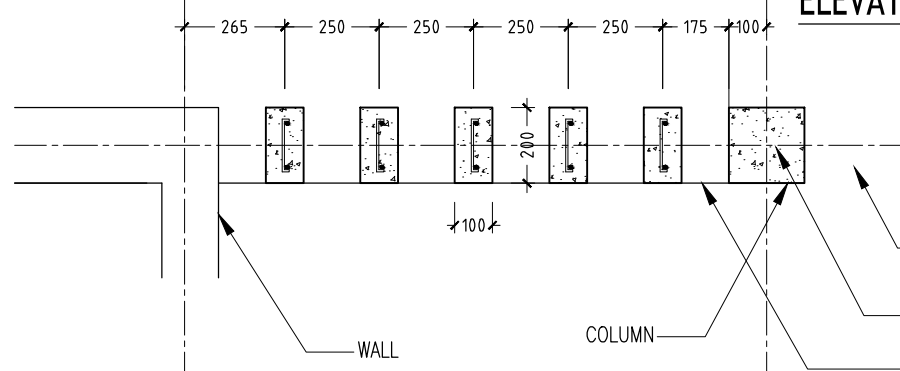
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|  |                           |  |                                       |
|--|---------------------------|--|---------------------------------------|
| REVISION:  | ARCHITECT: MOHAMED HAMEEN | PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) | <b>A-11</b><br>DWG NO<br>PROJECT NO.: |
|  | ENGINEER: MARIYAM SAMAAHU | LOCATION: B. KENDHOO                                       |                                       |
|  | SERVICES ENG:             | DRAWING TITLE: AS GIVEN                                    |                                       |
|  | ESTIMATOR:                | CLIENT: MINISTRY OF EDUCATION                              |                                       |
|  | DRAWN BY: ASFAN AHMED     | SCALE: AS GIVEN DIMENSION: MM DATE: MAY 2016               |                                       |
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**RC FIN -  
FRONT  
ELEVATION**



**RC FIN DETAILS  
SCALE 1:20**

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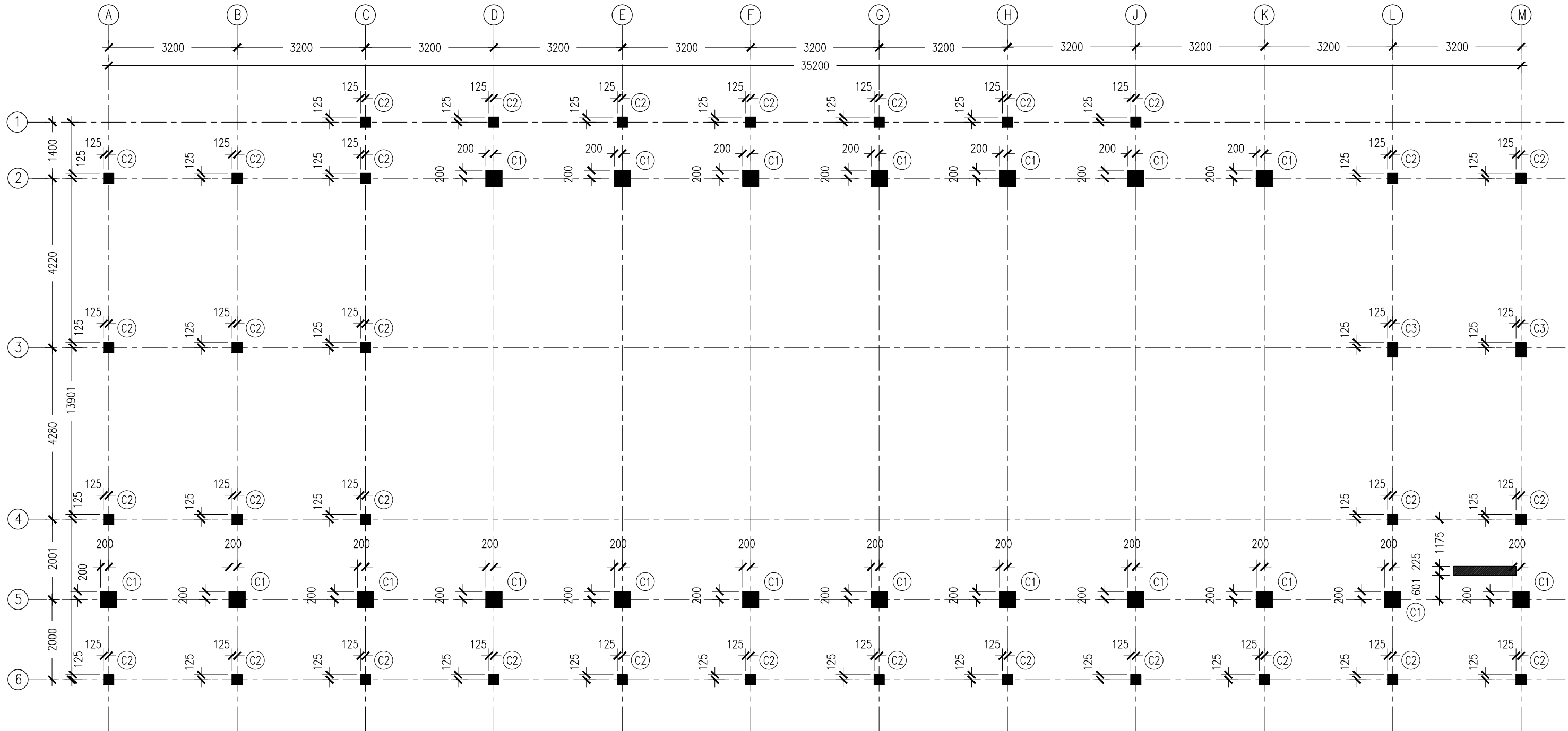


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|-----------|---------------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN |
|           | ENGINEER: MARIYAM SAMAAHU |
|           | SERVICES ENG:             |
|           | ESTIMATOR:                |
|           | DRAWN BY: ASFAN AHMED     |

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| PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) |
| LOCATION: B. KENDHOO                                       |
| DRAWING TITLE: AS GIVEN                                    |
| CLIENT: MINISTRY OF EDUCATION                              |
| SCALE: AS GIVEN  |

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| DIMENSION: MM | DATE: MAY 2016 |
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| DWG NO: <b>A-12</b> |
| PROJECT NO.:        |



NOTES :

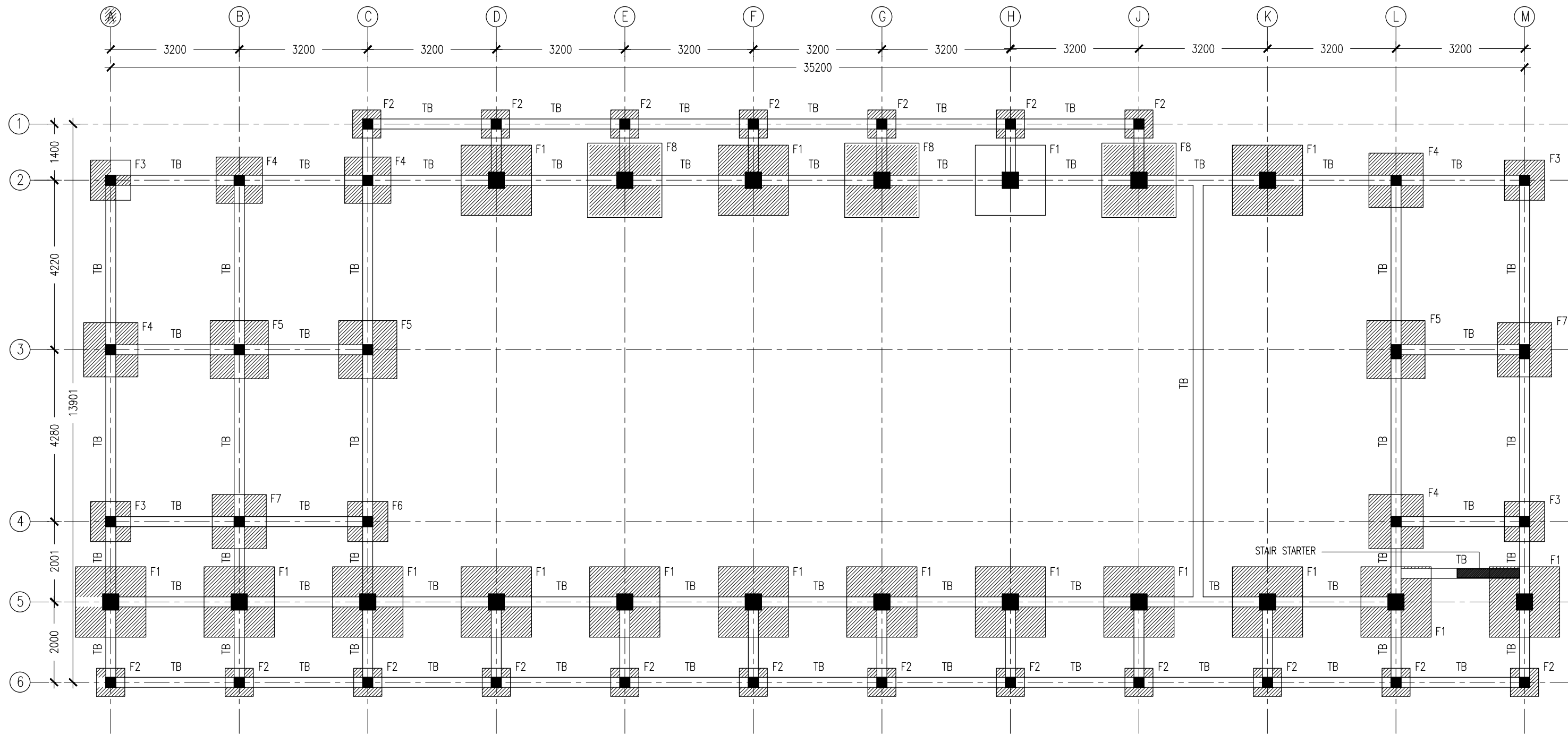
- COVER TO FOUNDATION: 50MM
- COVER TO BEAMS : 50MM
- COVER TO COLUMNS : 40MM
- CONCRETE MIX : 1:2:3 UNLESS STATED
- ADD CONMIX MEGA FLOW P TO ALL SUPER STRUCTURE CONCRETE.
- ADD CONMIX MEGA ADD WL3 TO ALL SUBSTRUCTURE CONCRETE.
- APPY 2 COATS OF CONMIX MOYA SHIELD RBE TO ALL STRUCTURE CONCRETE BELOW GROUND LEVEL.

**COLUMN SETTING 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

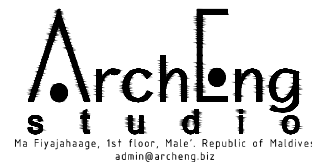


|           |                            |  |              |
|-----------|----------------------------|--|--------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN  | PROJECT: PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) | <b>S-01</b>  |
|           | ENGINEER: MARIYAM SAMA AHU | LOCATION: B. KENDHOO                                       |              |
|           | SERVICES ENG:              | DRAWING TITLE: AS GIVEN                                    |              |
|           | ESTIMATOR:                 | CLIENT: MINISTRY OF EDUCATION                              |              |
|           | DRAWN BY: ASFAN AHMED      | SCALE: AS GIVEN   DIMENSION: MM   DATE: MAY 2016           |              |
|           |                            |  | DWG NO:      |
|           |                            |  | PROJECT NO.: |



**FOUNDATION 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: |  |
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|               |                 |
|---------------|-----------------|
| ARCHITECT:    | MOHAMED HAMEEN  |
| ENGINEER:     | MARIYAM SAMAAHU |
| SERVICES ENG: |                 |
| ESTIMATOR:    |                 |
| DRAWN BY:     | ASFAN AHMED     |

|                |   |                |
|----------------|---|----------------|
| PROJECT:       | PROPOSED 04 CLASS ROOM & HALL BLOCK ( 02 STOREY ) |                |
| LOCATION:      | B. KENDHOO  |                |
| DRAWING TITLE: | AS GIVEN  |                |
| CLIENT:        | MINISTRY OF EDUCATION                             |                |
| SCALE:         | AS GIVEN  | DIMENSION: MM  |
|                |   | DATE: MAY 2016 |

|              |
|--------------|
| <b>S-02</b>  |
| DWG NO       |
| PROJECT NO.: |

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