

PROPOSED 12 CLASS ROOM BLOCK

IHAVANDHOO SCHOOL
ARCHITECTURAL AND STRUCTURAL DRAWINGS

JULY 2015

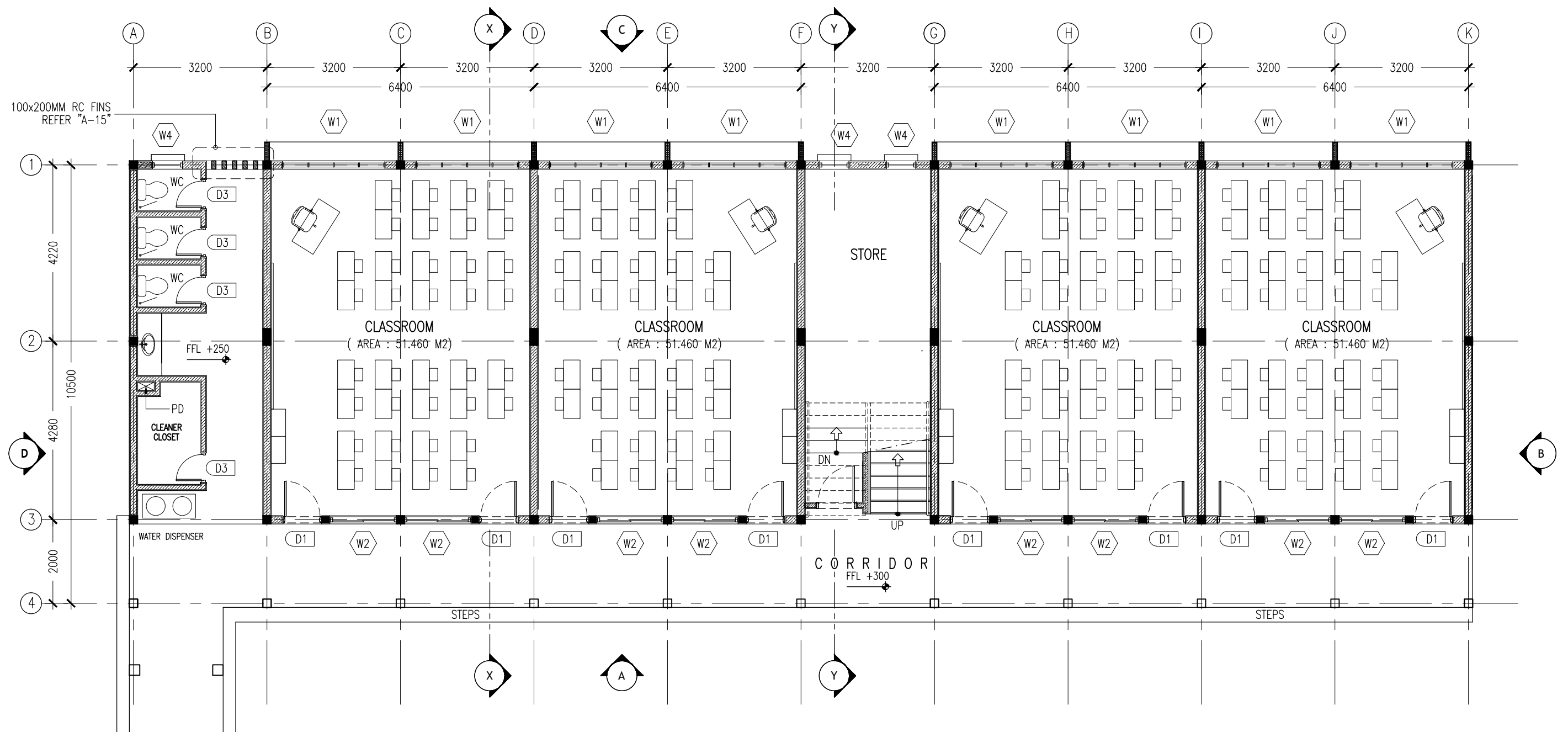
CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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



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KEY /LEGEND NOTES

| | |
|--|------------------------------|
| | BLOCK MASONRY WALL |
| | 150MM THK RC WALL 850MM HIGH |

GROUND FLOOR LAYOUT PLAN SCALE 1:100

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

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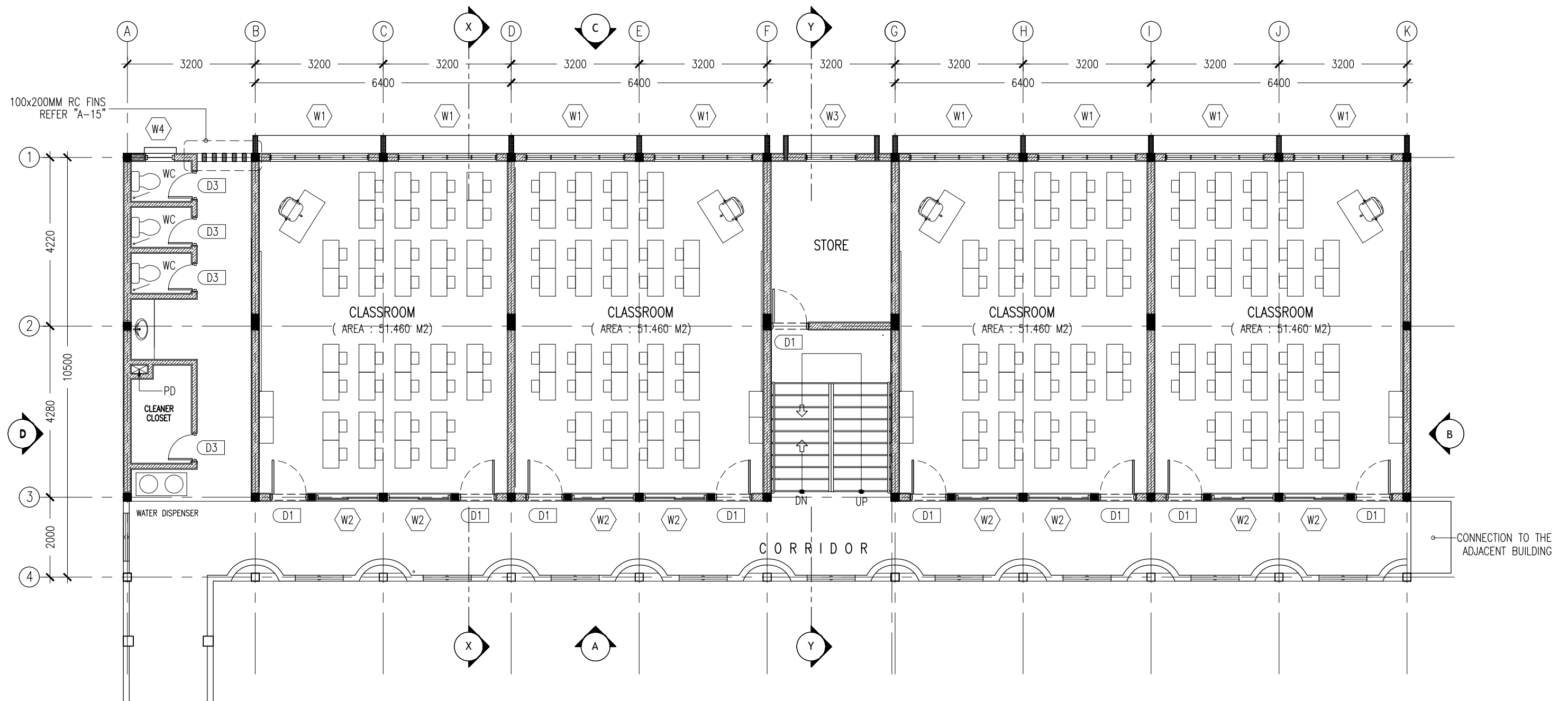
REVISION:

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

PROJECT: 10 CLASSROOM BLOCK AT HAJIHAVANDHOO
LOCATION:
DRAWING TITLE: AS GIVEN
CLIENT:
SCALE: AS GIVEN DIMENSION: MM DATE: NOVEMBER 2014

A-02
DWG NO
PROJECT NO.: 13-080

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KEY /LEGEND NOTES

| | |
|--|------------------------------|
| | BLOCK MASONRY WALL |
| | 150MM THK RC WALL 850MM HIGH |

1SND-2ND FLOOR LAYOUT PLAN

SCALE 1:100

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PRECEDENCE OVER
SCALE READINGS

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s t u d i o
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REVISION:

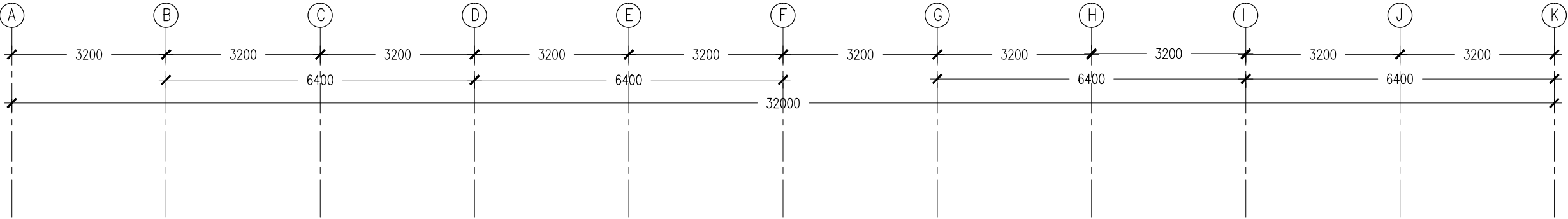
ARCHITECT: MOHAMED HAMEEN
ENGINEER: -
SERVICES ENG:
ESTIMATOR:
DRAWN BY: SHAMHAD

PROJECT: 10 CLASSROOM BLOCK AT HA.IHAVANDHOO
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SCALE: AS GIVEN DIMENSION: MM DATE: NOVEMBER 2014

A-03

DWG NO
PROJECT NO.: 13-080

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ELEVATION - A
SCALE 1:100

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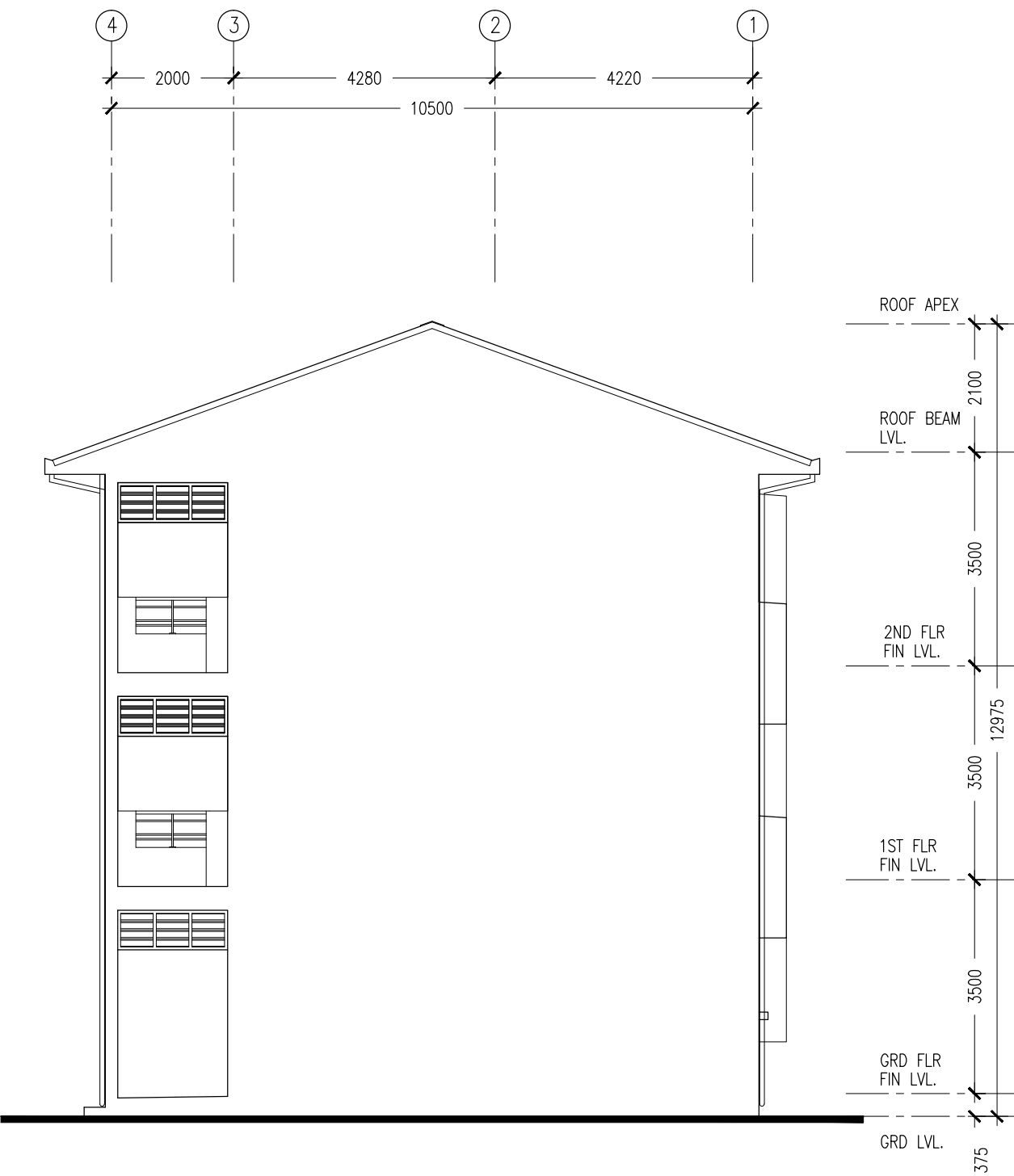
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| REVISION: | |
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| ARCHITECT: | MOHAMED HAMEEN |
| ENGINEER: | - |
| SERVICES ENG: | |
| ESTIMATOR: | |
| DRAWN BY: | SHAMHAD |

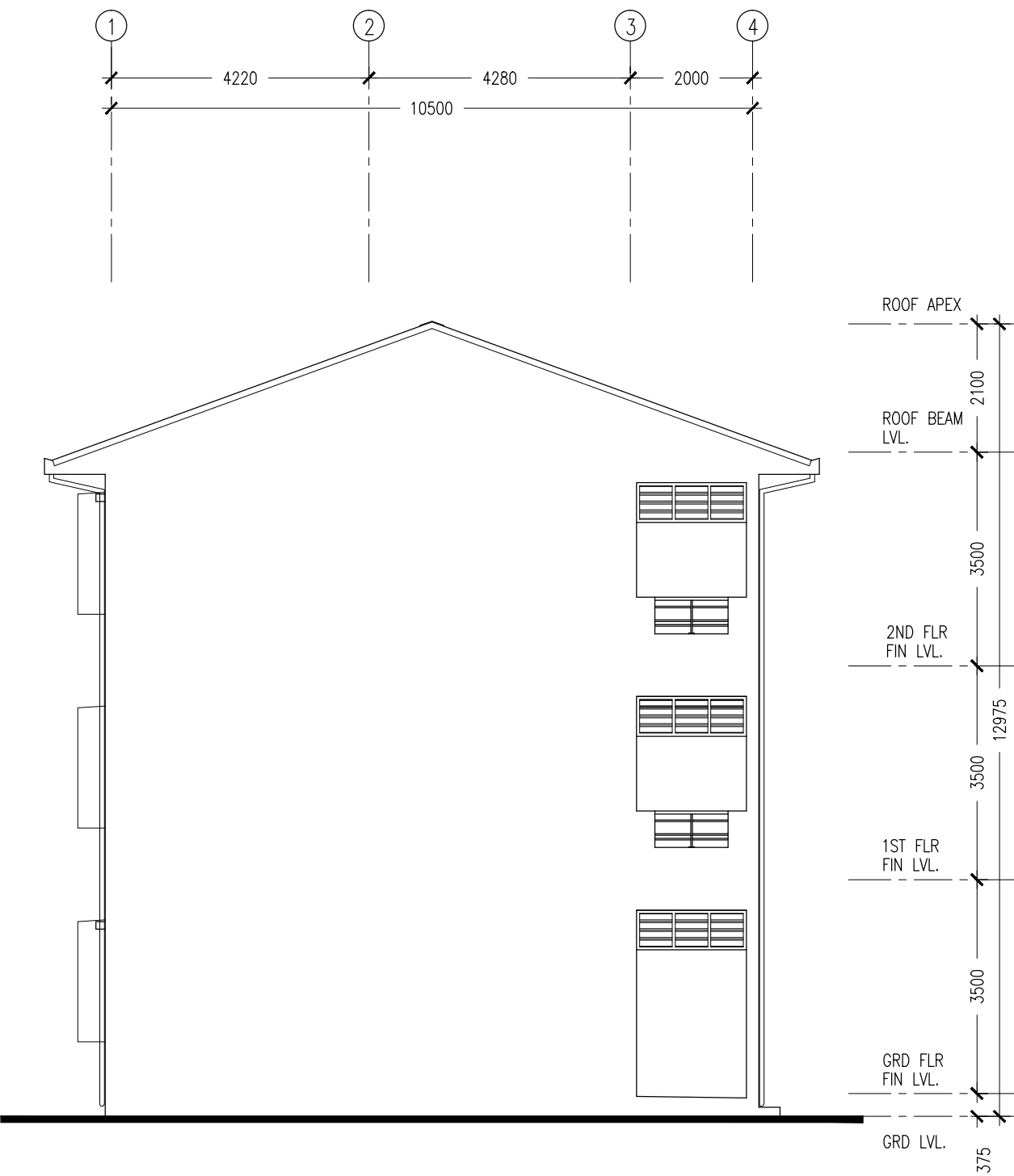
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| PROJECT: | 10 CLASSROOM BLOCK AT HAJIHAVANDHOO | | |
| LOCATION: | | | |
| DRAWING TITLE: | AS GIVEN | | |
| CLIENT: | | | |
| SCALE: | AS GIVEN | DIMENSION: | MM |
| | | DATE: | NOVEMBER 2014 |

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

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ELEVATION - B
SCALE 1:100

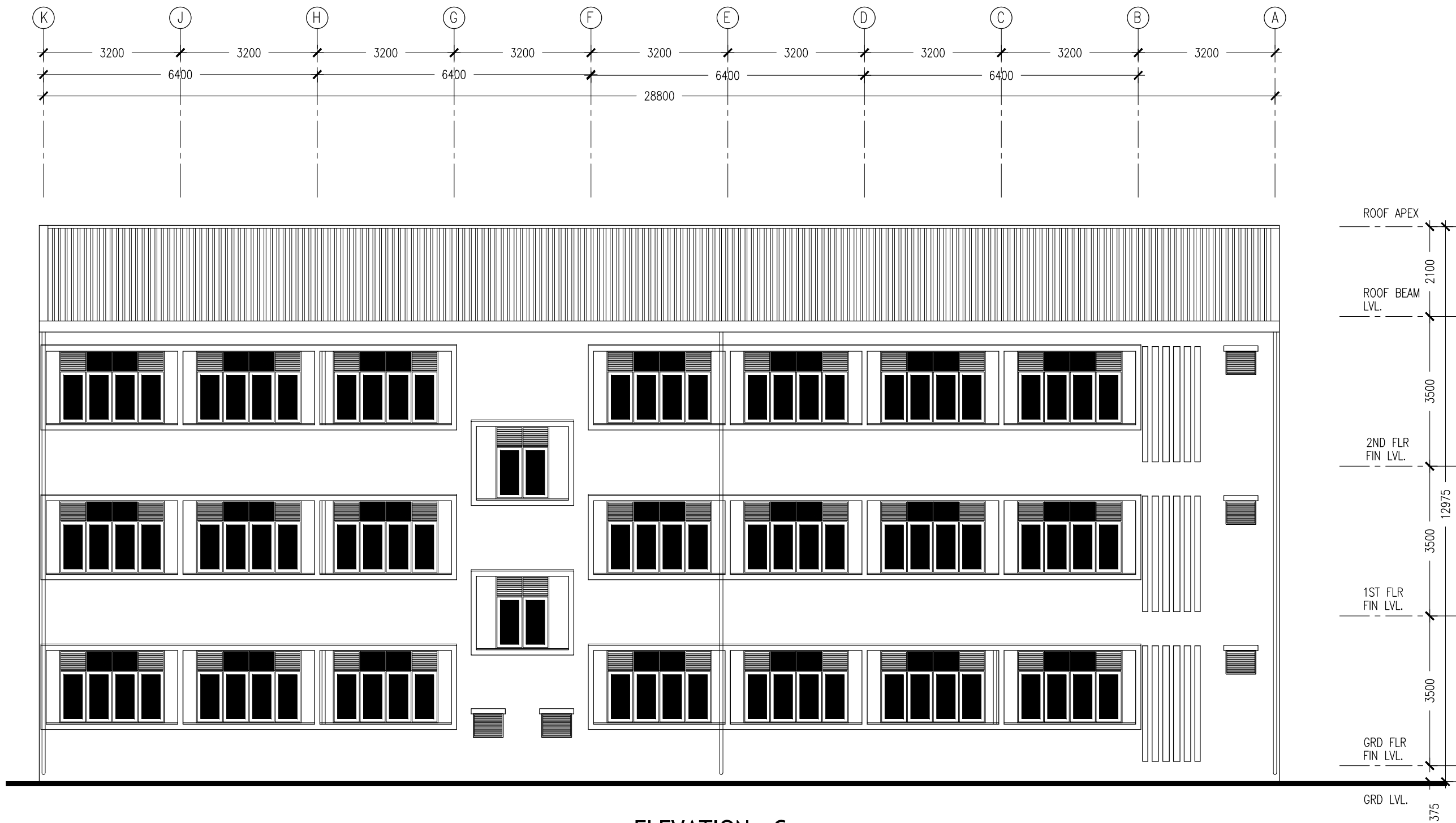


ELEVATION - B
SCALE 1:100

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| | | | |
|---|---------------------------|---|-------------------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HAJHAVANDHOO | A-05 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN DIMENSION: MM DATE: NOVEMBER 2014 | |
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ELEVATION - C
SCALE 1:100

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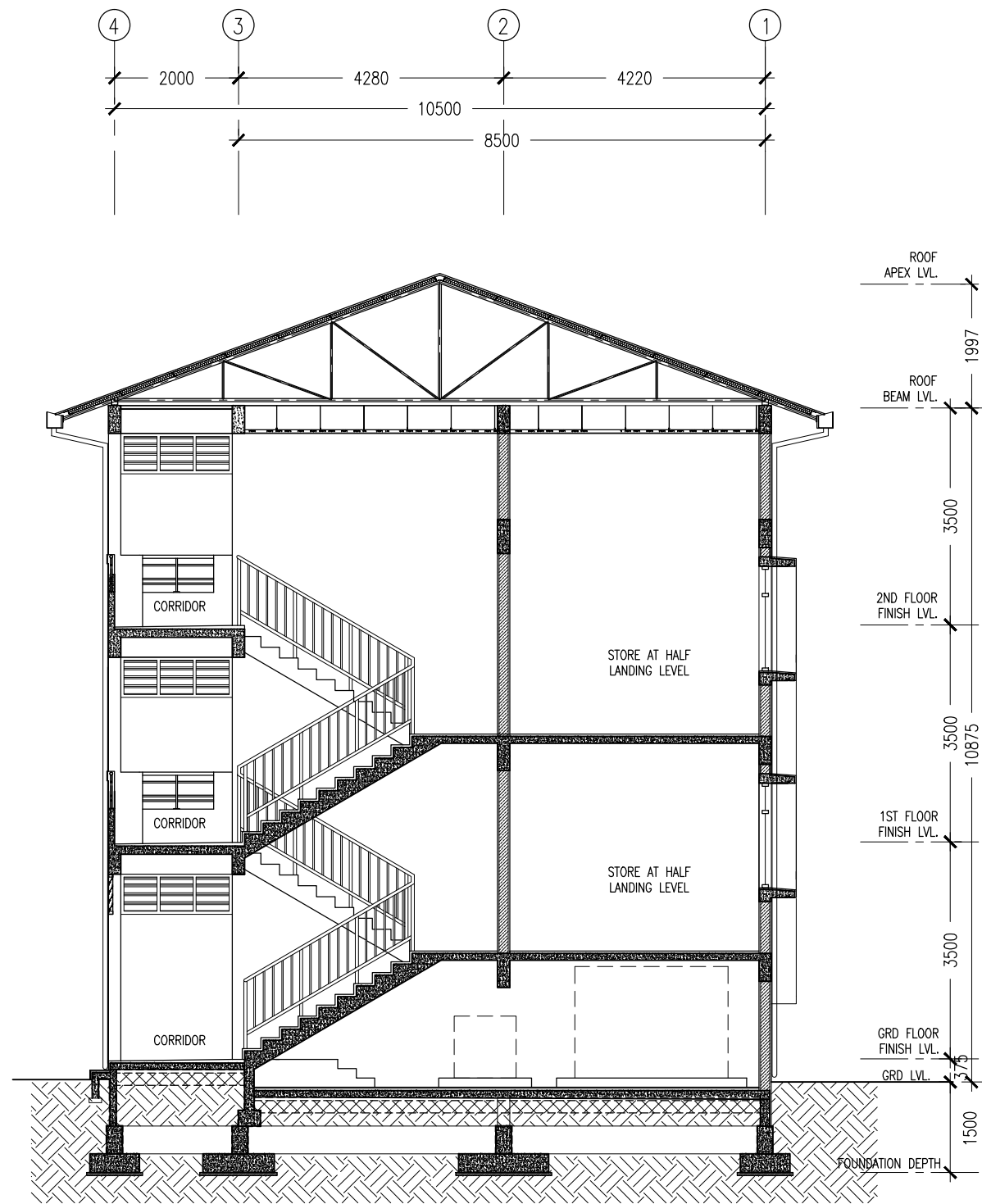
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| REVISION: | |
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| ARCHITECT: | MOHAMED HAMEEN |
| ENGINEER: | - |
| SERVICES ENG: | |
| ESTIMATOR: | |
| DRAWN BY: | SHAMHAD |

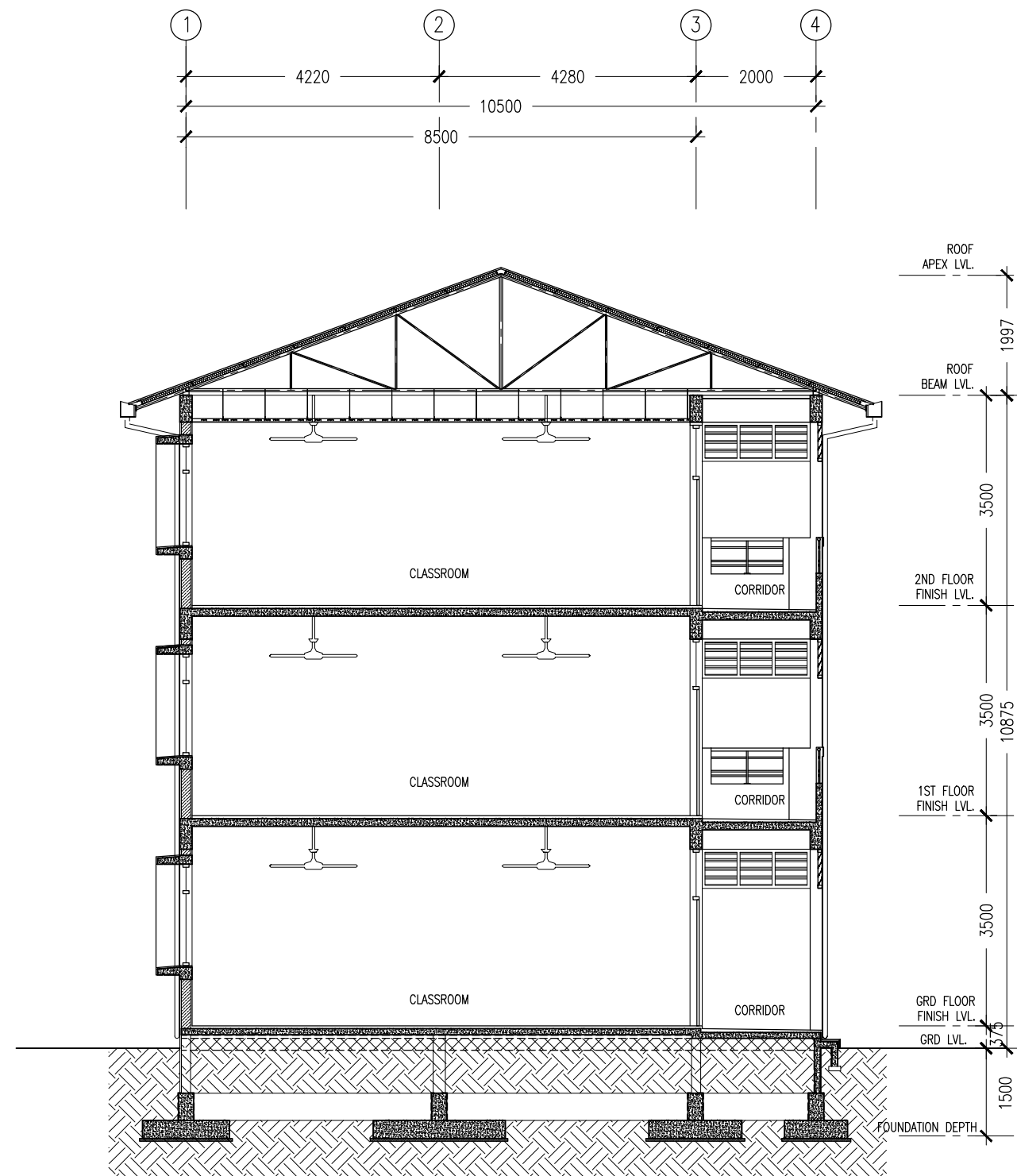
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| PROJECT: | 10 CLASSROOM BLOCK AT HAJHAVANDHOO | | |
| LOCATION: | | | |
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| CLIENT: | | | |
| SCALE: | AS GIVEN | DIMENSION: | MM |
| | | DATE: | NOVEMBER 2014 |

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| A-06 |
| DWG NO |
| PROJECT NO.: 13-080 |

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SECTION X-X
SCALE 1:100



SECTION Y-Y
SCALE 1:100

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REVISION:

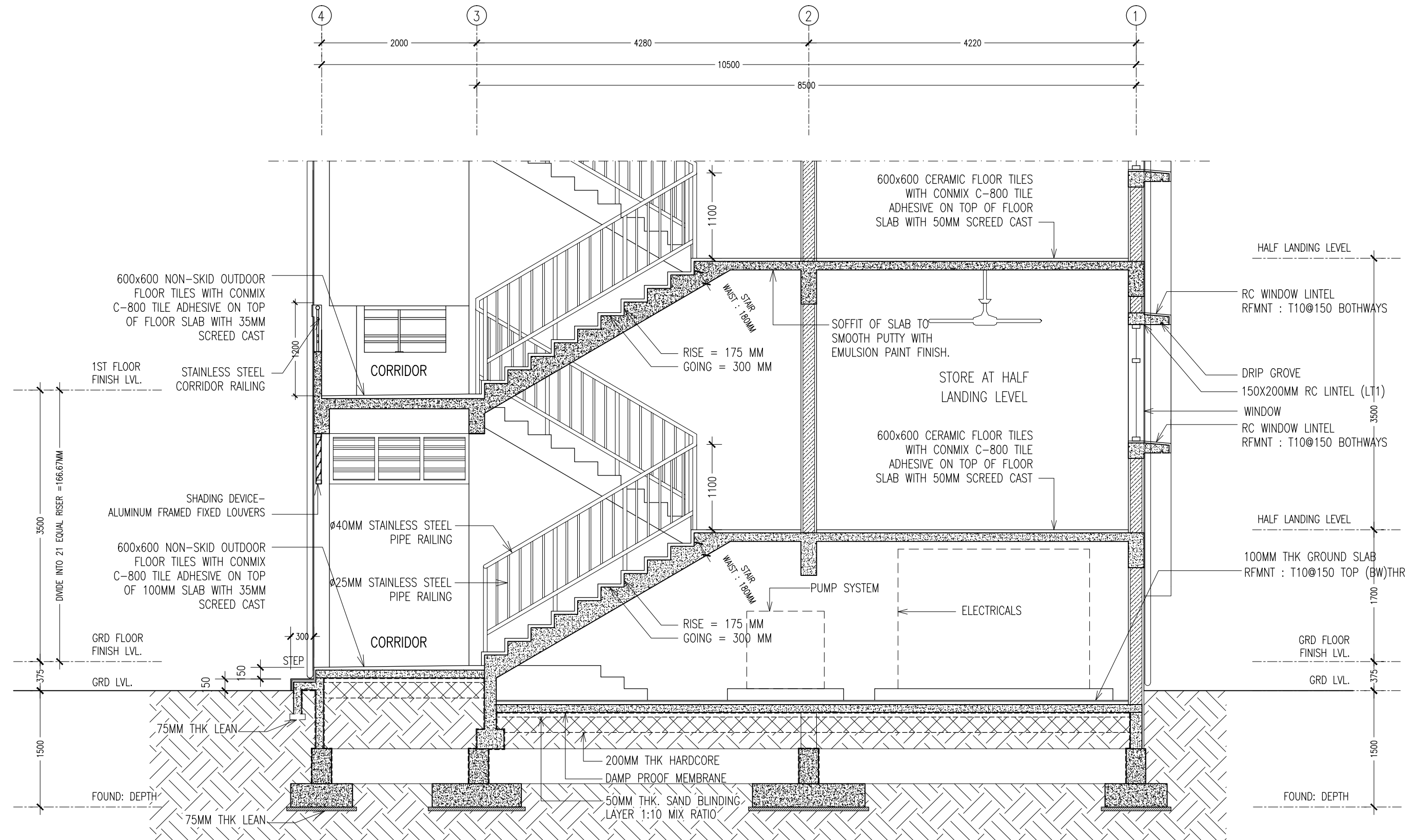
ARCHITECT: MOHAMED HAMEEN
ENGINEER: -
SERVICES ENG: _____
ESTIMATOR: _____
DRAWN BY: SHAMHAD

PROJECT: 10 CLASSROOM BLOCK AT HAJHAVANDHOO
LOCATION: _____
DRAWING TITLE: AS GIVEN
CLIENT: _____
SCALE: AS GIVEN DIMENSION: MM DATE: NOVEMBER 2014

A-07

DWG NO
PROJECT NO.: 13-080

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NOTE :

USE CONMIX MEGA ADD WL3
CONCRETE ADMIXTURE ON ALL
FOUNDATION CONCRETE

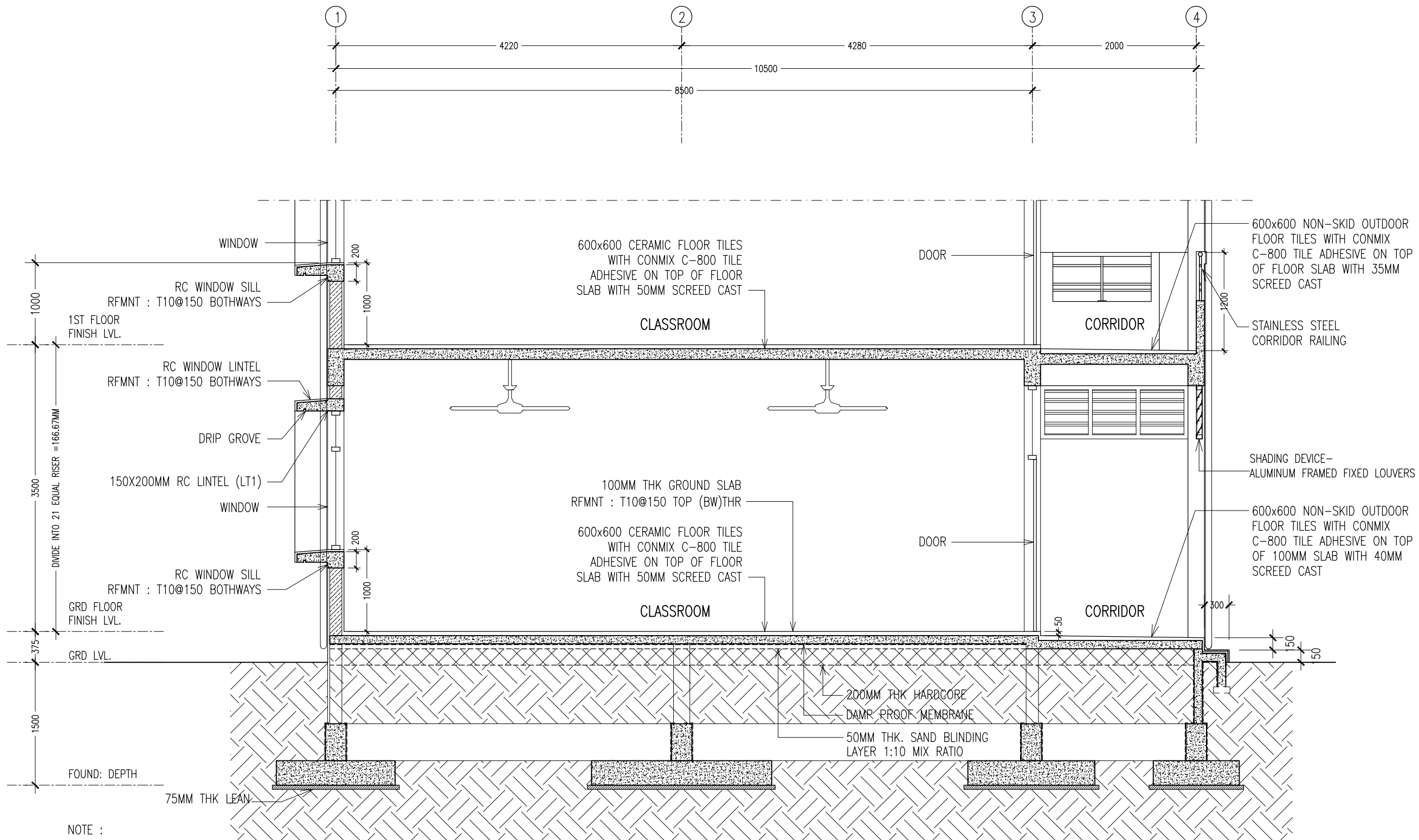
USE CONMIX MEGA FLOW P ON
ALL CONCRETE WORKS COLUMNS,
BEAMS, SLAB ...

SECTION DETAIL X-X
SCALE 1:50

CONTRACTORS MUST
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|--|---------------------------|---|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HAJHAVANDHOO | A-08 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | |
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| | | | PROJECT NO.: 13-080 |



NOTE :

USE CONMIX MEGA ADD WL3
CONCRETE ADMIXTURE ON ALL
FOUNDATION CONCRETE

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

SECTION DETAIL Y-Y
SCALE 1:50

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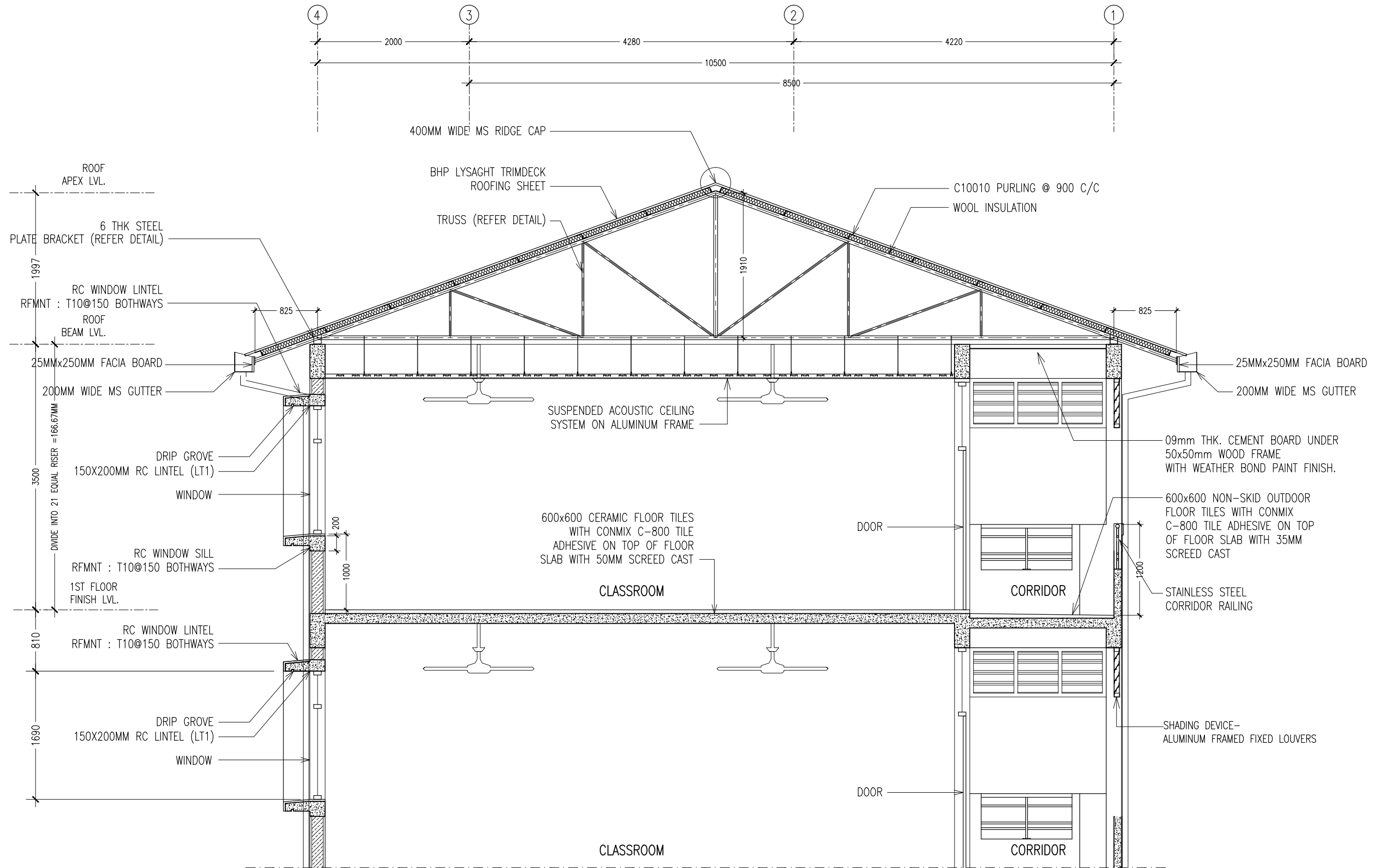
REVISION:

ARCHITECT: MOHAMED HAMEEN
ENGINEER: -
SERVICES ENG: _____
ESTIMATOR: _____
DRAWN BY: SHAMHAD

PROJECT: 10 CLASSROOM BLOCK AT HAJHAVANDHOO
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CLIENT: _____
SCALE: AS GIVEN DIMENSION: MM DATE: NOVEMBER 2014

A-10
DWG NO
PROJECT NO.: 13-080

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SECTION DETAIL Y-Y
SCALE 1:50

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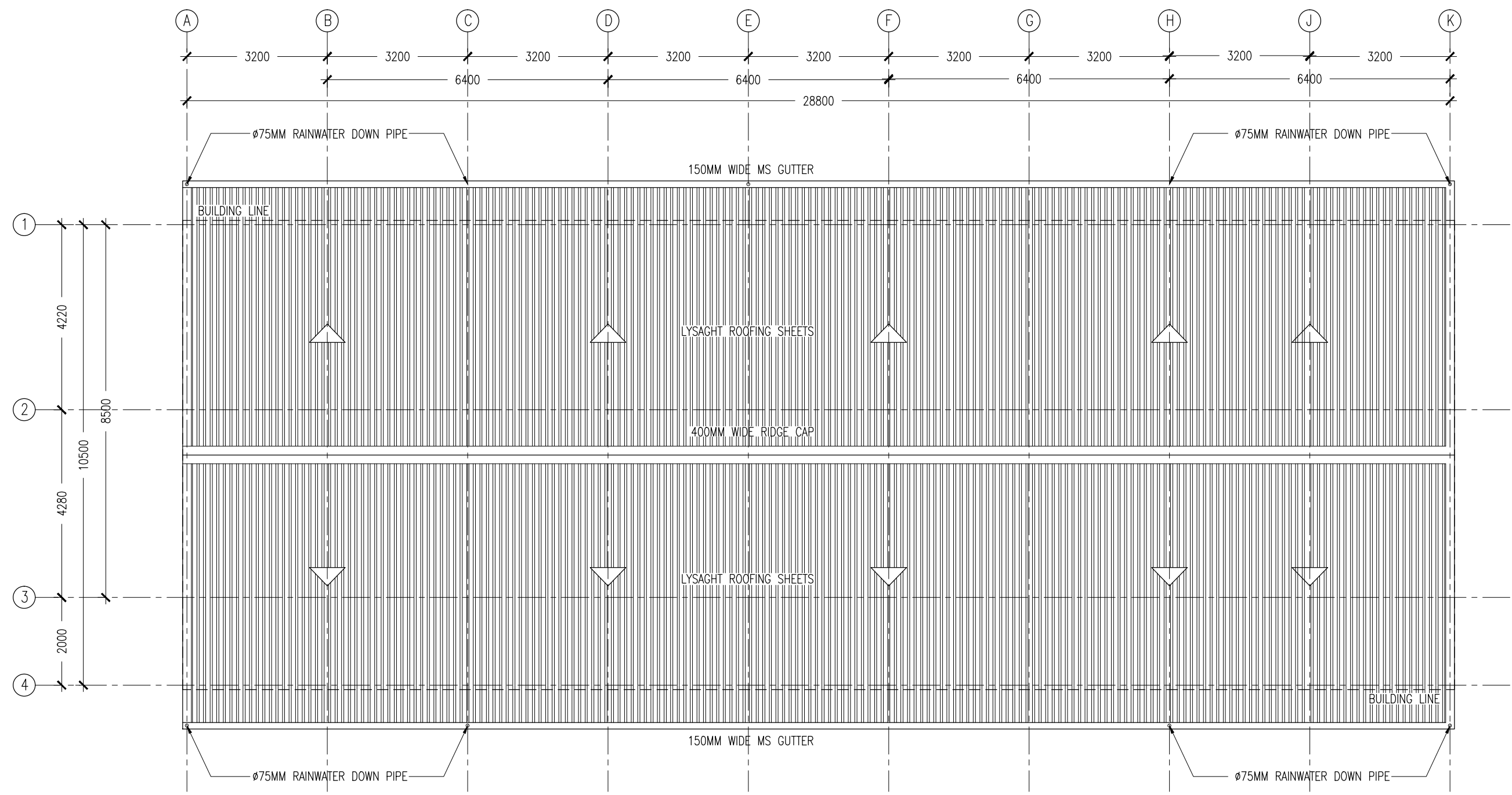
REVISION:

ARCHITECT: MOHAMED HAMEEN
ENGINEER: -
SERVICES ENG: _____
ESTIMATOR: _____
DRAWN BY: SHAMHAD

PROJECT: 10 CLASSROOM BLOCK AT HAJHAVANDHOO
LOCATION: _____
DRAWING TITLE: AS GIVEN
CLIENT: _____
SCALE: AS GIVEN DIMENSION: MM DATE: NOVEMBER 2014

A-11
DWG NO
PROJECT NO.: 13-080

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ROOF LAYOUT PLAN
SCALE 1:100

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| | | | |
|-----------|---------------------------|---|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HAJHAVANDHOO | A-12 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DIMENSION: MM |
| | | DATE: NOVEMBER 2014 | PROJECT NO.: 13-080 |

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|--------------------|---|---|---|---|---|---|
| ELEVATIONS : | | | | | | |
| FINISH FLOOR LEVEL | | | | | | |
| DR / WD NO. | D1 | D2 | D3 | W1 | W2 | W3 |
| DESCRIPTION : | 40MM THICK OPENABLE SOLID TIMBER DOOR PANEL | 40MM THICK OPENABLE SOLID TIMBER DOOR PANEL | 40MM THICK OPENABLE SOLID TIMBER DOOR PANEL | ALUMINUM FRAMED WINDOW PANEL | ALUMINUM FRAMED SLIDING WINDOW PANEL | ALUMINUM FRAMED WINDOW PANEL |
| FRAME : | 120MM TIMBER FRAME | 120MM TIMBER FRAME | 120MM TIMBER FRAME | 80 MICRON WHITE POWDER COATED ALUMINIUM FRAME | 80 MICRON WHITE POWDER COATED ALUMINIUM FRAME | 80 MICRON WHITE POWDER COATED ALUMINIUM FRAME |
| HARDWARE : | DOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDER | DOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDER | DOOR CLOSER CYLINDRICAL LOCK BUTT HINGE STOPPER HOLDER | | | |
| GLAZING : | C-4MM ALL FIXED PANELS TO BE DOUBLE GLAZED | | | C-5MM THICK BLUE TINTED GLASS | C-5MM THICK BLUE TINTED GLASS ALL FIXED PANELS TO BE DOUBLE GLAZED | C-5MM THICK BLUE TINTED GLASS |

| | | | |
|--------------------|---|---|---|
| ELEVATIONS : | | | |
| FINISH FLOOR LEVEL | | | |
| DR / WD NO. | W4 | SHADING DEVICE (FRONT) TYPE-1 | SHADING DEVICE (SIDE) TYPE-2 |
| DESCRIPTION : | ALUMINUM FRAMED FIXED LOUVRE WINDOW PANEL | ALUMINUM FRAMED FIXED LOUVRE WINDOW PANEL | ALUMINUM FRAMED FIXED LOUVRE WINDOW PANEL |
| FRAME : | 80 MICRON WHITE POWDER COATED ALUMINIUM FRAME | 80 MICRON WHITE POWDER COATED ALUMINIUM FRAME | 80 MICRON WHITE POWDER COATED ALUMINIUM FRAME |
| HARDWARE : | | (REFER ELEVATIONS FOR LOCATION) | (REFER ELEVATIONS FOR LOCATION) |
| GLAZING : | | | |

GENERAL NOTES:

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

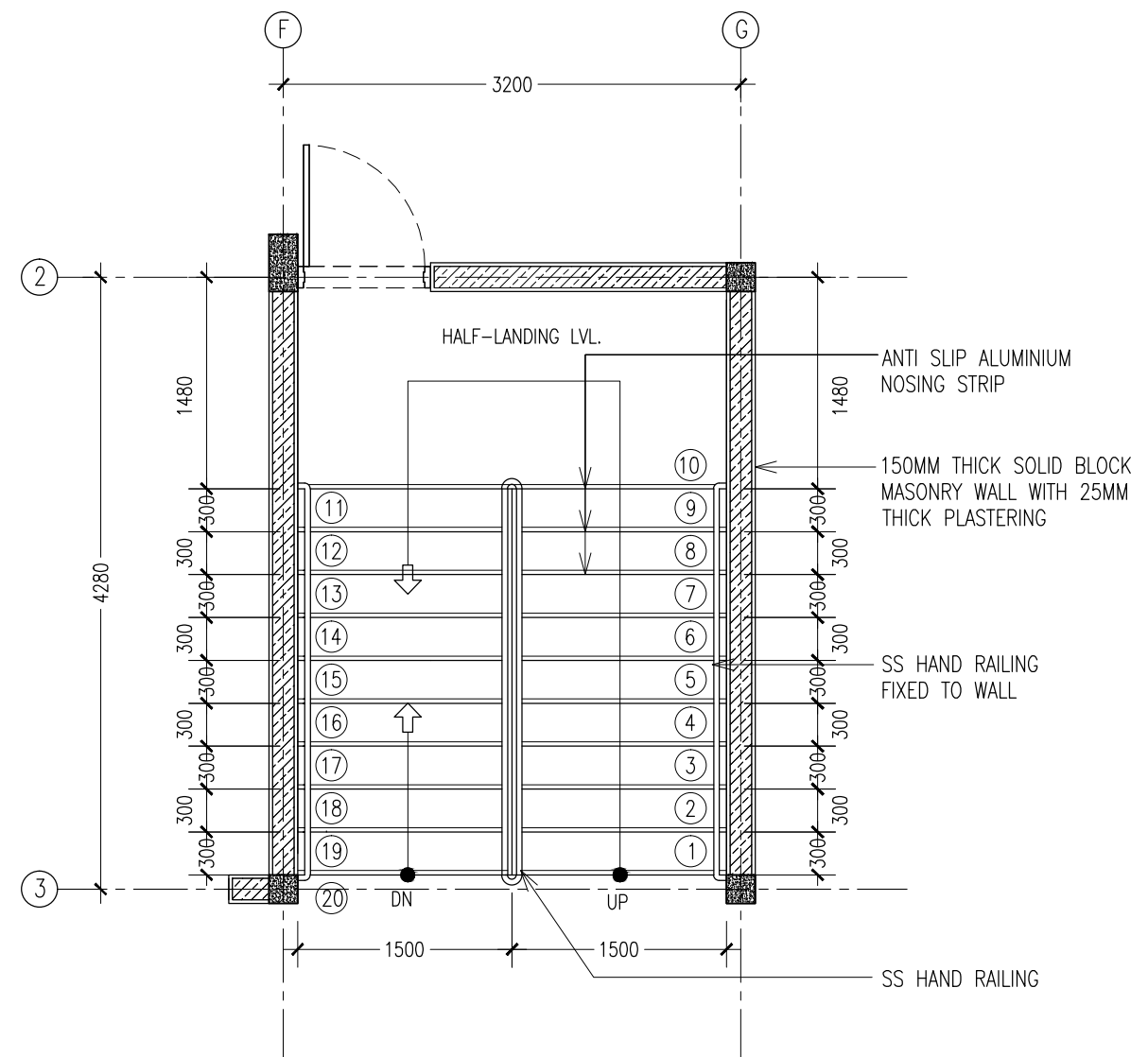
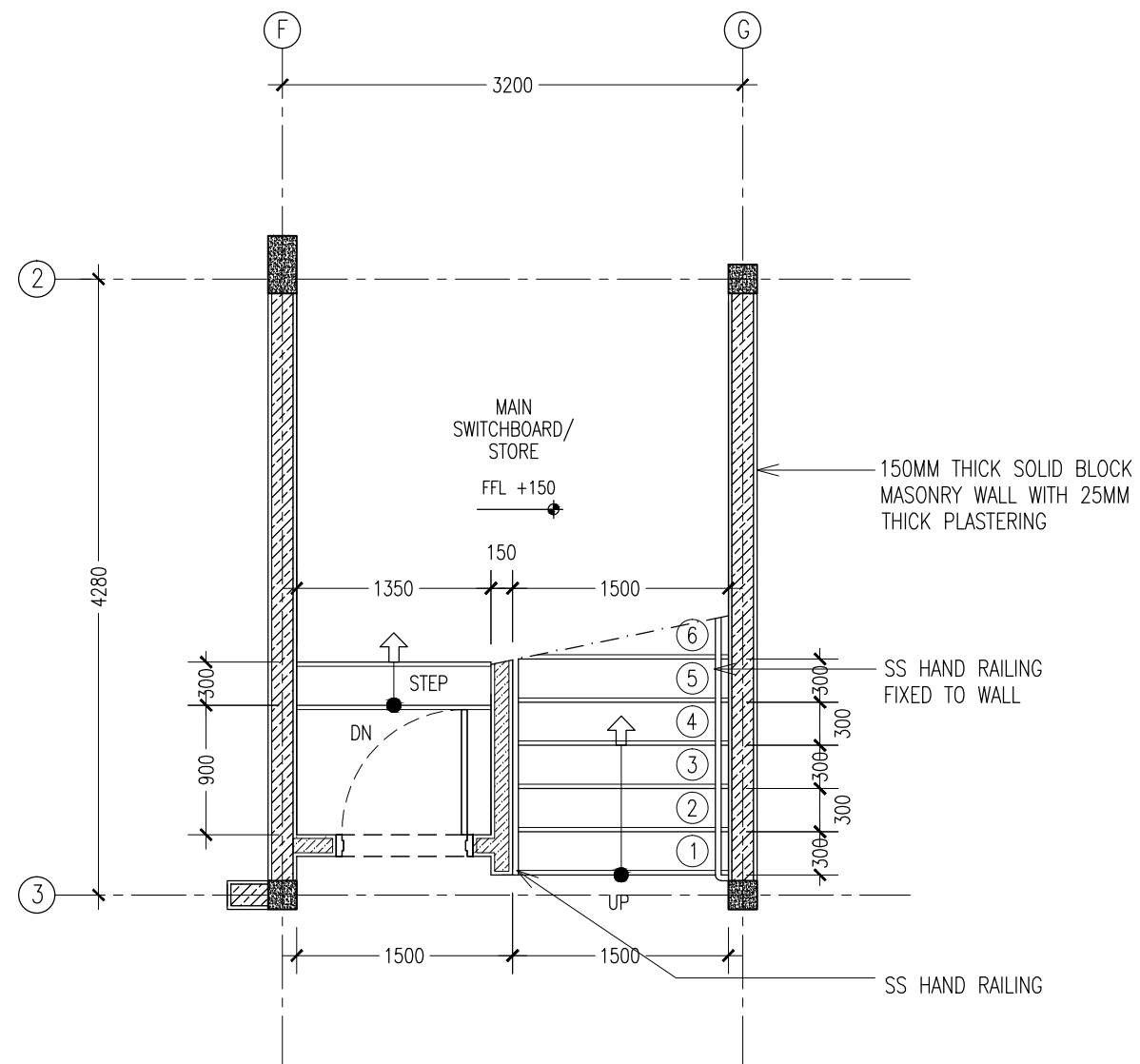
ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO FABRICATION

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

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

DOOR / WINDOW SCHEDULE

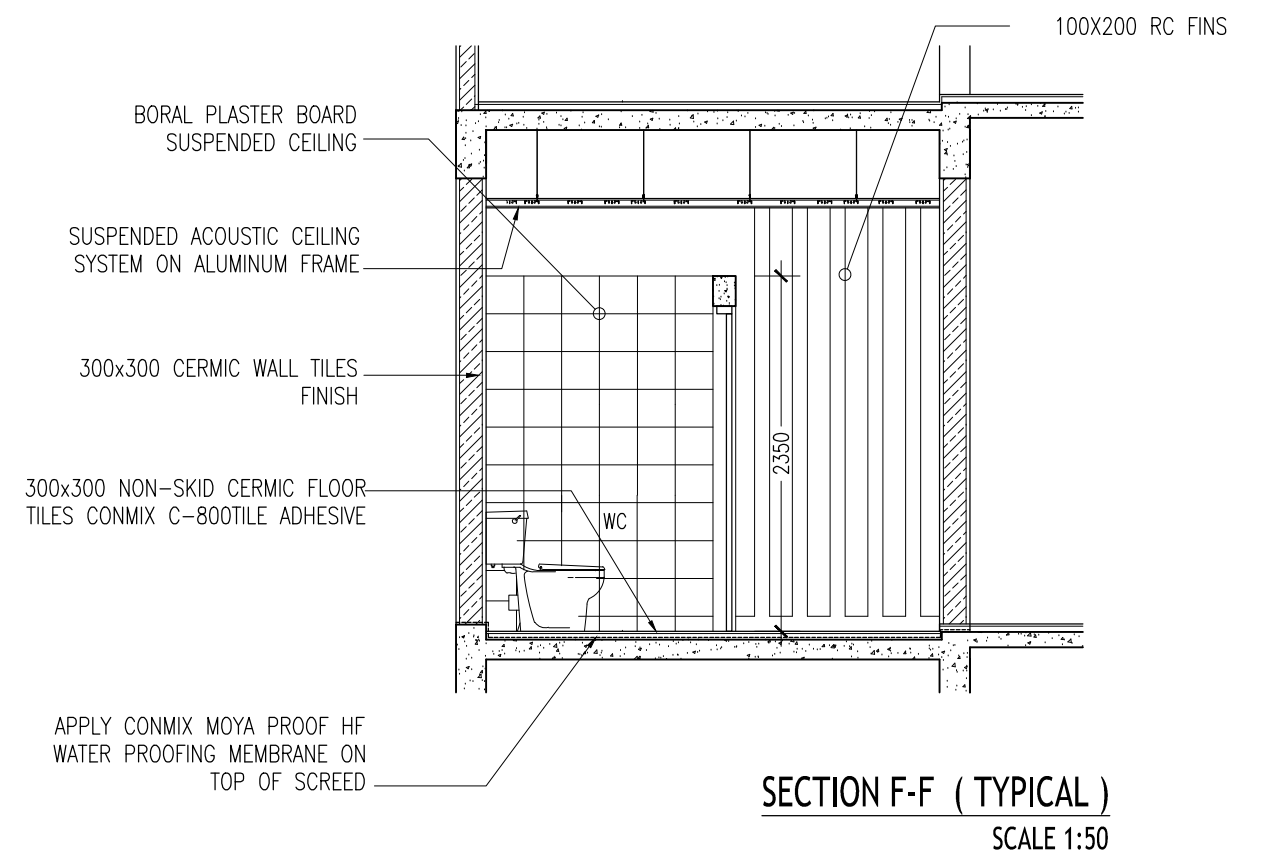
SCALE 1:50



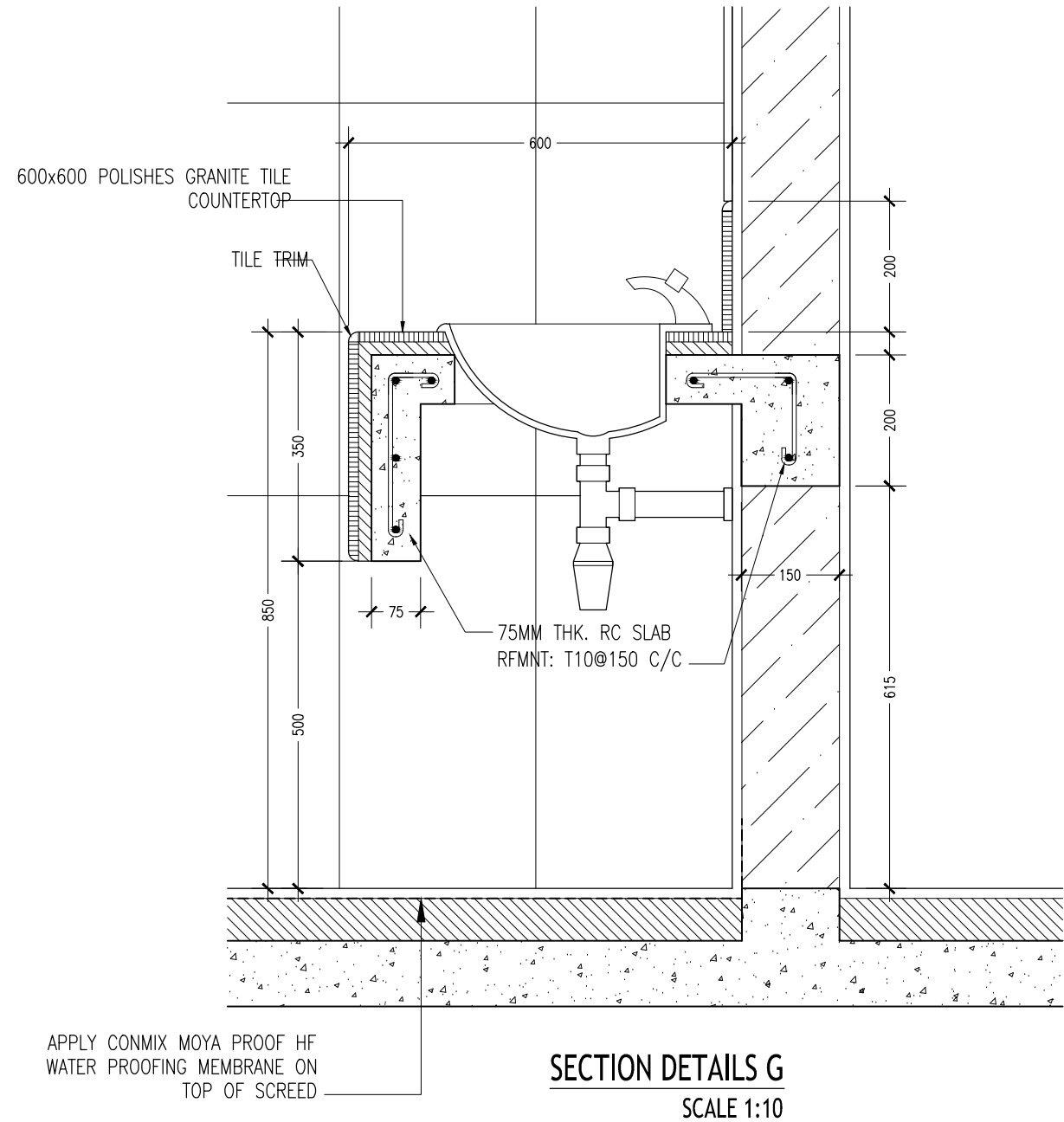
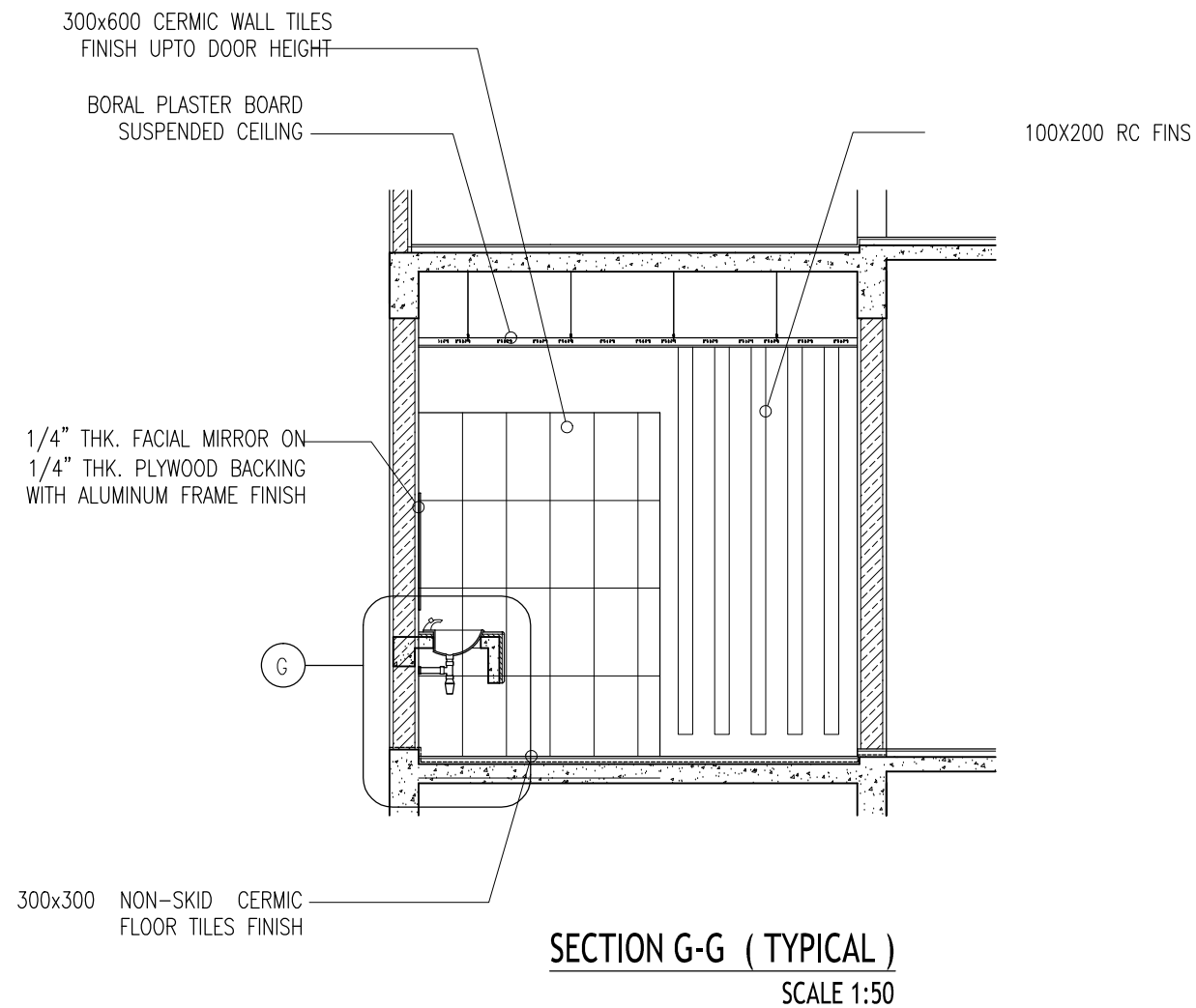
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| | | | | | | | | | |
|--|---------------|----------------|---------------------|--------|----------|-------------------------------------|----|-------|---------------|
| REVISION: | ARCHITECT: | MOHAMED HAMEEN | PROJECT: | | | 10 CLASSROOM BLOCK AT HA.IHAVANDHOO | | | A-14 |
| | ENGINEER: | - | LOCATION: | | | | | | |
| | SERVICES ENG: | | DRAWING TITLE: | | | AS GIVEN | | | |
| | ESTIMATOR: | | CLIENT: | | | | | | |
| | | | | SCALE: | AS GIVEN | DIMENSION: | MM | DATE: | NOVEMBER 2014 |
| DRAWN BY: | | SHAMHAD | PROJECT NO.: 13-080 | | | | | | |
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|--|---------------|----------------|----------------|--|-------------------------------------|---------------------|---|
| REVISION: | ARCHITECT: | MOHAMED HAMEEN | PROJECT: | | 10 CLASSROOM BLOCK AT HA,HAHVANDHOO | | <div style="font-size: 48px; font-weight: bold; text-align: center;">A-15</div> |
| | ENGINEER: | - | LOCATION: | | | | |
| | SERVICES ENG: | | DRAWING TITLE: | | AS GIVEN | | |
| | ESTIMATOR: | | CLIENT: | | | | |
| | DRAWN BY: | SHAMHAD | SCALE: | | DIMENSION: MM | DATE: NOVEMBER 2014 | |
| <div style="display: flex; justify-content: space-between;"> 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.: 13-080 </div> | | | | | | | |



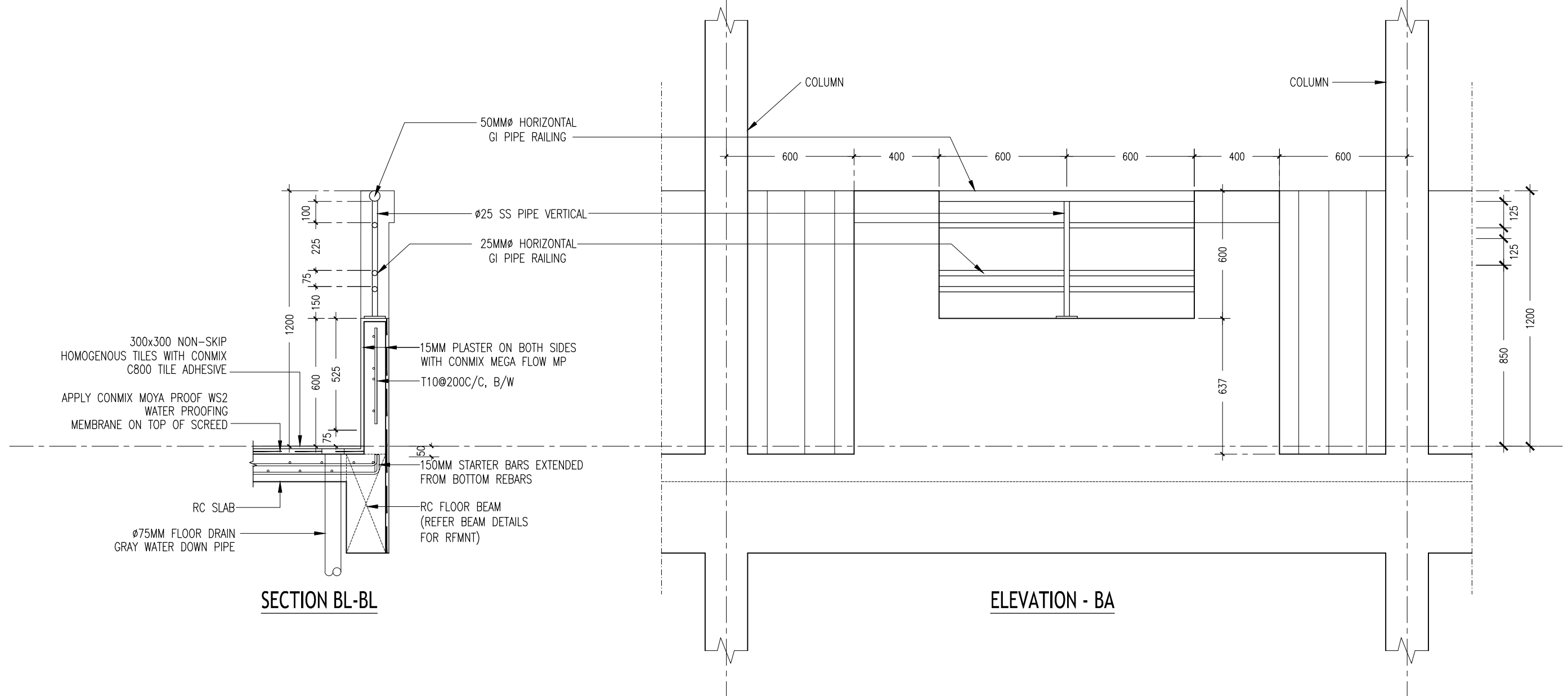
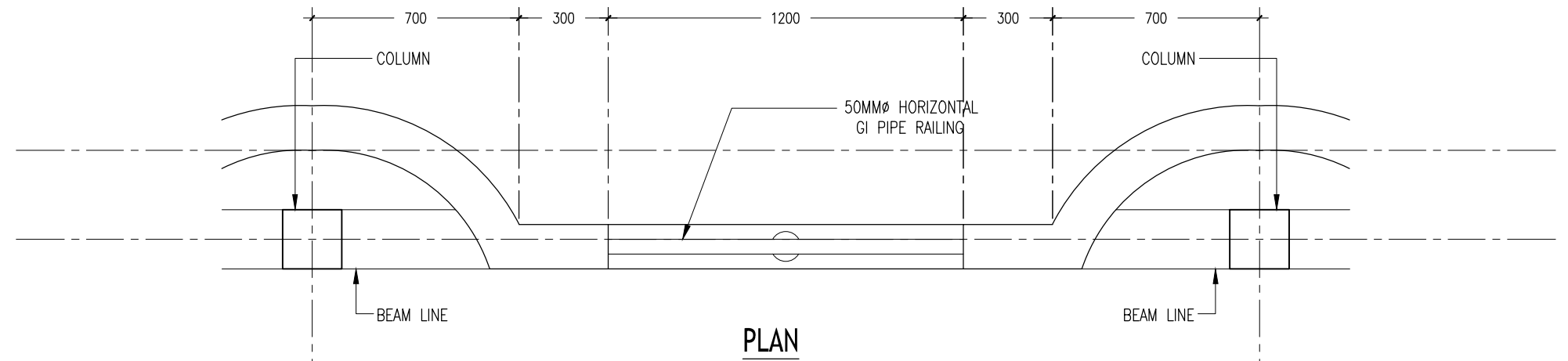
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ArchEng
s t u d i o

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|-----------|---------------------------|--|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HA, HAVANDHOO | A-16 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DWG NO |
| | | DIMENSION: MM | PROJECT NO.: 13-080 |
| | | DATE: NOVEMBER 2014 | |

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TYPICAL BALCONY PARAPET WALL
SCALE 1:20

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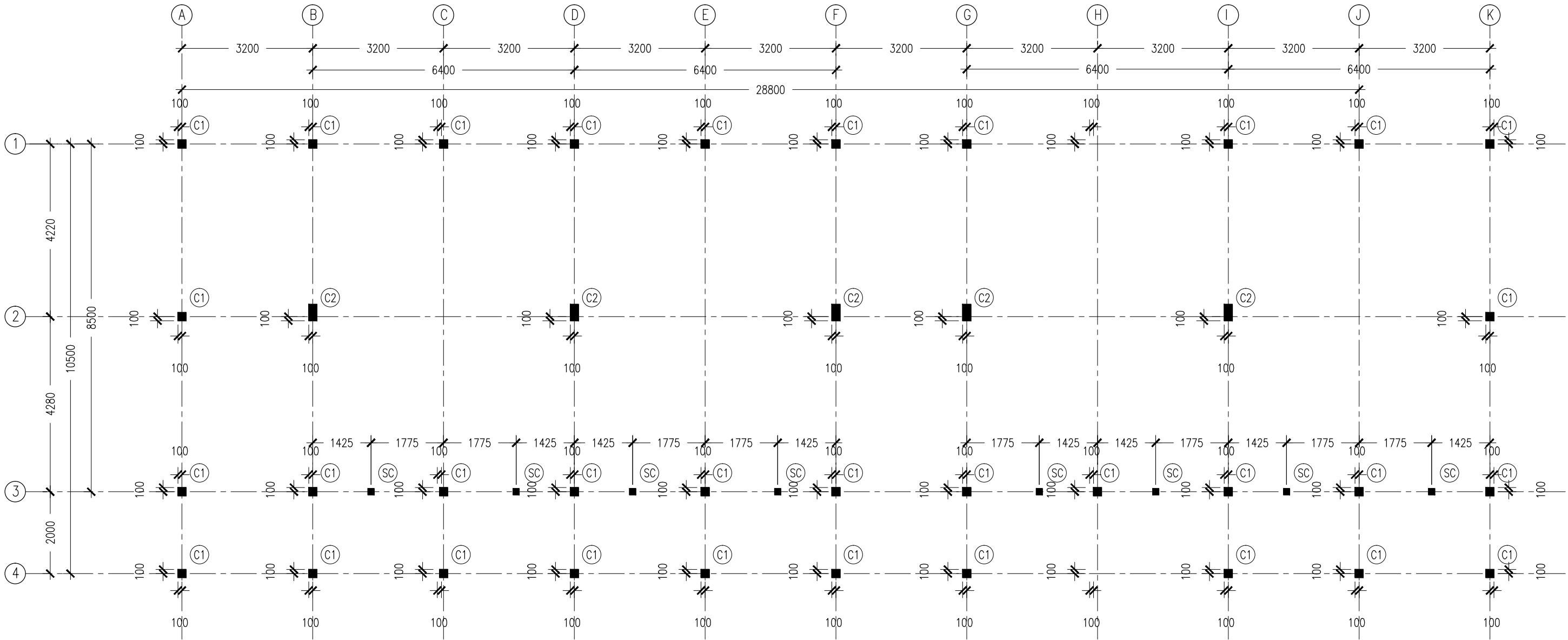
REVISION:

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

PROJECT: 10 CLASSROOM BLOCK AT HA, HAVANDHOO
LOCATION: -
DRAWING TITLE: AS GIVEN
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S-18
DWG NO
PROJECT NO.: 13-080

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

COLUMN SETTING LAYOUT PLAN
SCALE 1:100

CONTRACTORS MUST
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| ARCHITECT: | MOHAMED HAMEEN |
| ENGINEER: | - |
| SERVICES ENG: | |
| ESTIMATOR: | |
| DRAWN BY: | SHAMHAD |

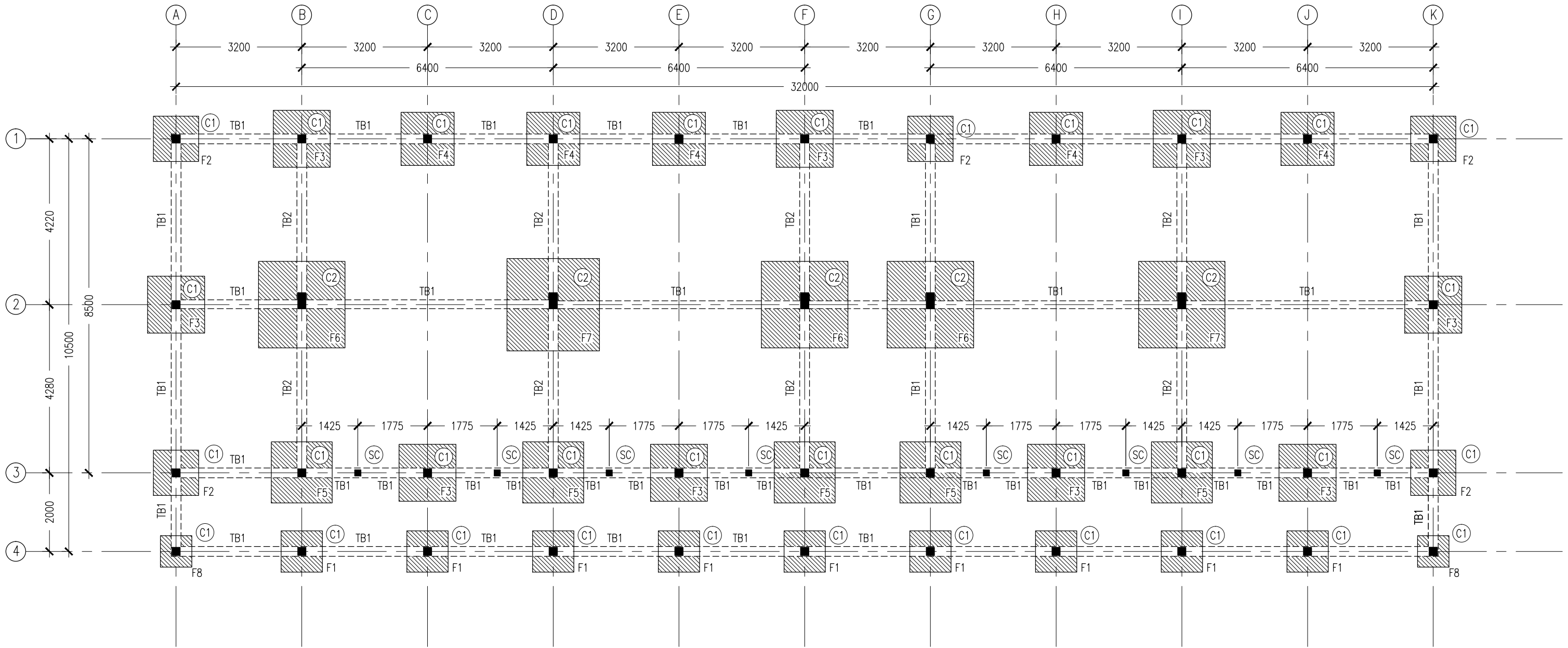
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| PROJECT: | 10 CLASSROOM BLOCK AT HAIHAVANDHOO | | |
| LOCATION: | | | |
| DRAWING TITLE: | AS GIVEN | | |
| CLIENT: | | | |
| SCALE: | AS GIVEN | DIMENSION: | MM |
| | | DATE: | NOVEMBER 2014 |

S-01

DWG NO

PROJECT NO.: 13-080

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

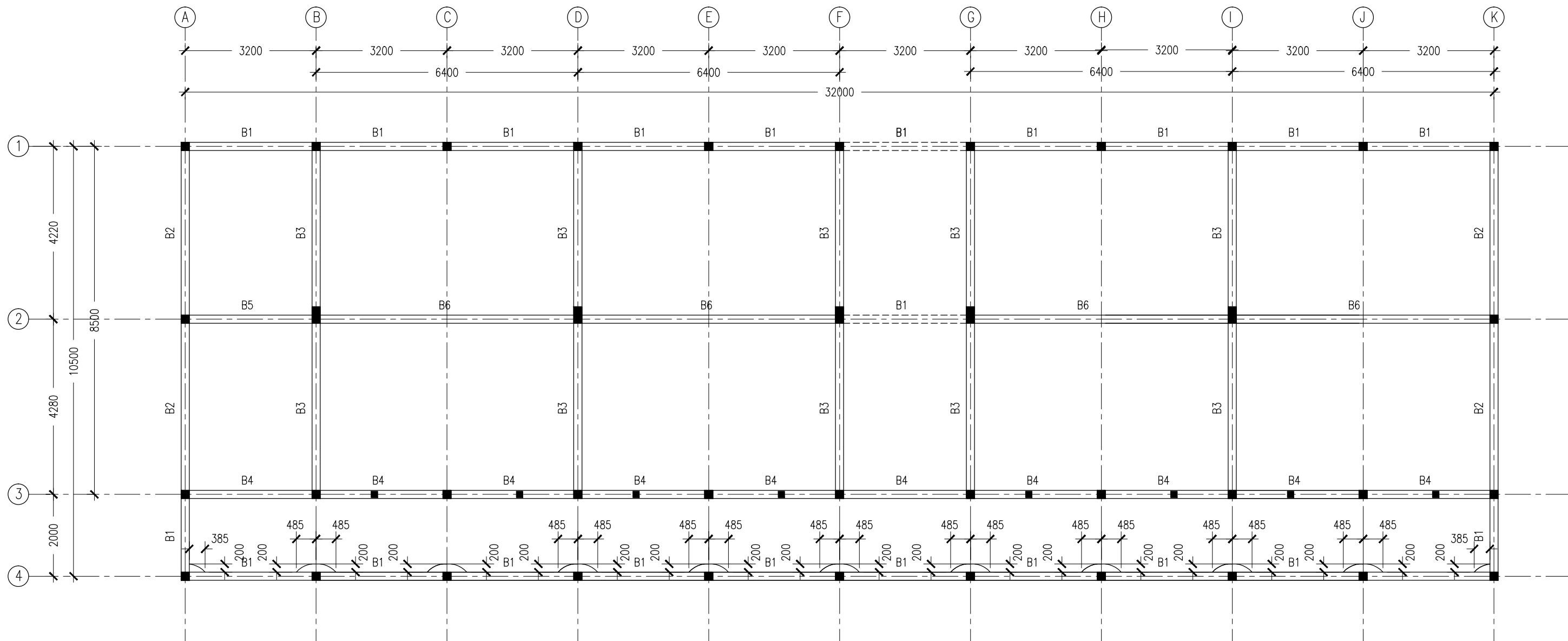
FOUNDATION LAYOUT PLAN
SCALE 1:100

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: 10 CLASSROOM BLOCK AT HAIHAVANDHOO | S-02 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DWG NO |
| | | DIMENSION: MM | PROJECT NO.: 13-080 |
| | | DATE: NOVEMBER 2014 | |

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

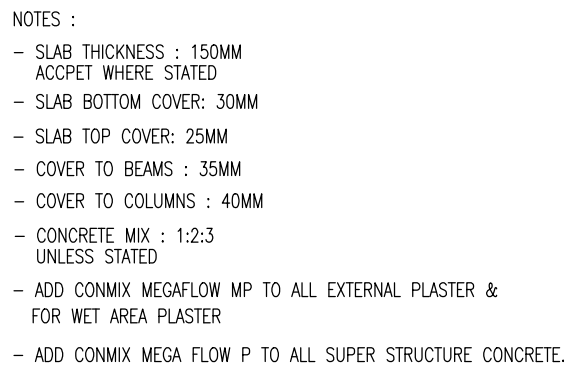
1ST FLOOR SLAB BEAM LAYOUT PLAN
SCALE 1:100

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



| | | | |
|-----------|---------------------------|--|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HA.IHAVANDHOO | S-03 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DWG NO |
| | | DIMENSION: MM | PROJECT NO.: 13-080 |
| | | DATE: NOVEMBER 2014 | |

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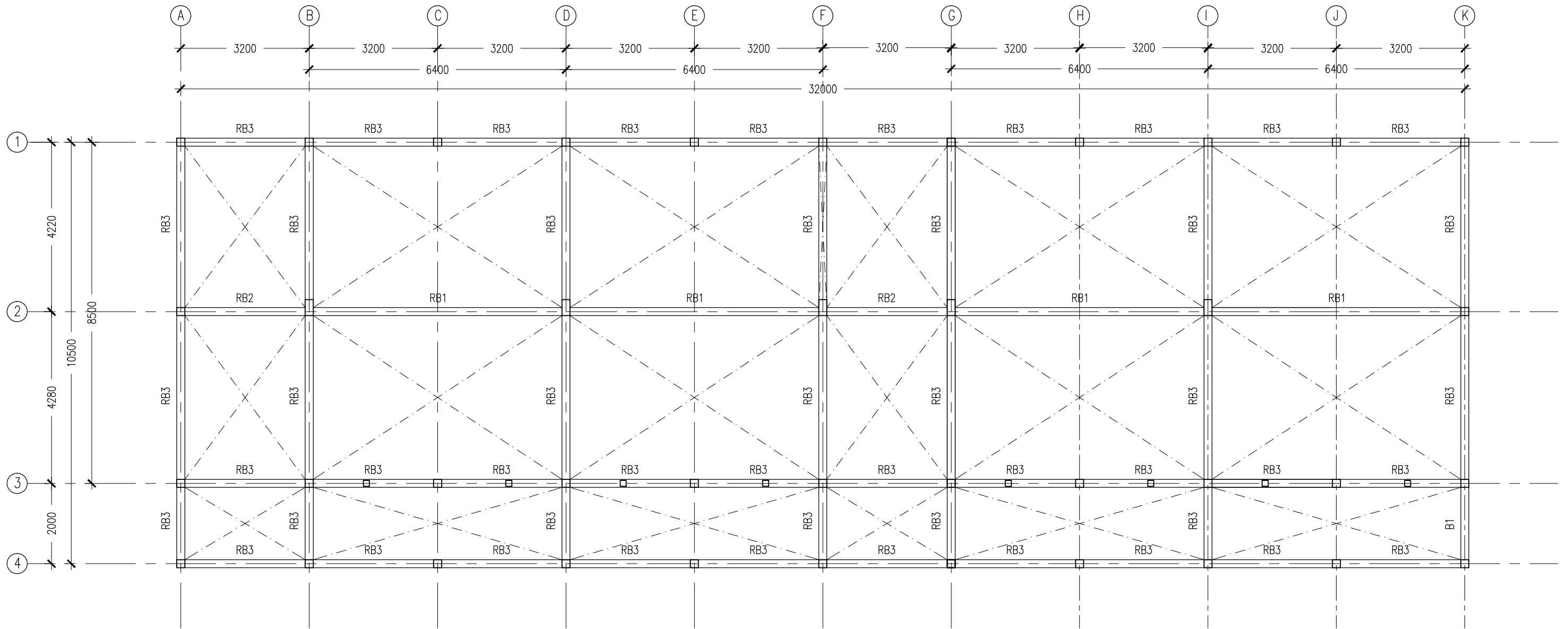
SCALE 1:100

ArchEng
s t u d i o

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

| |
|---------------------|
| PROJECT NO.: 13-080 |
|---------------------|

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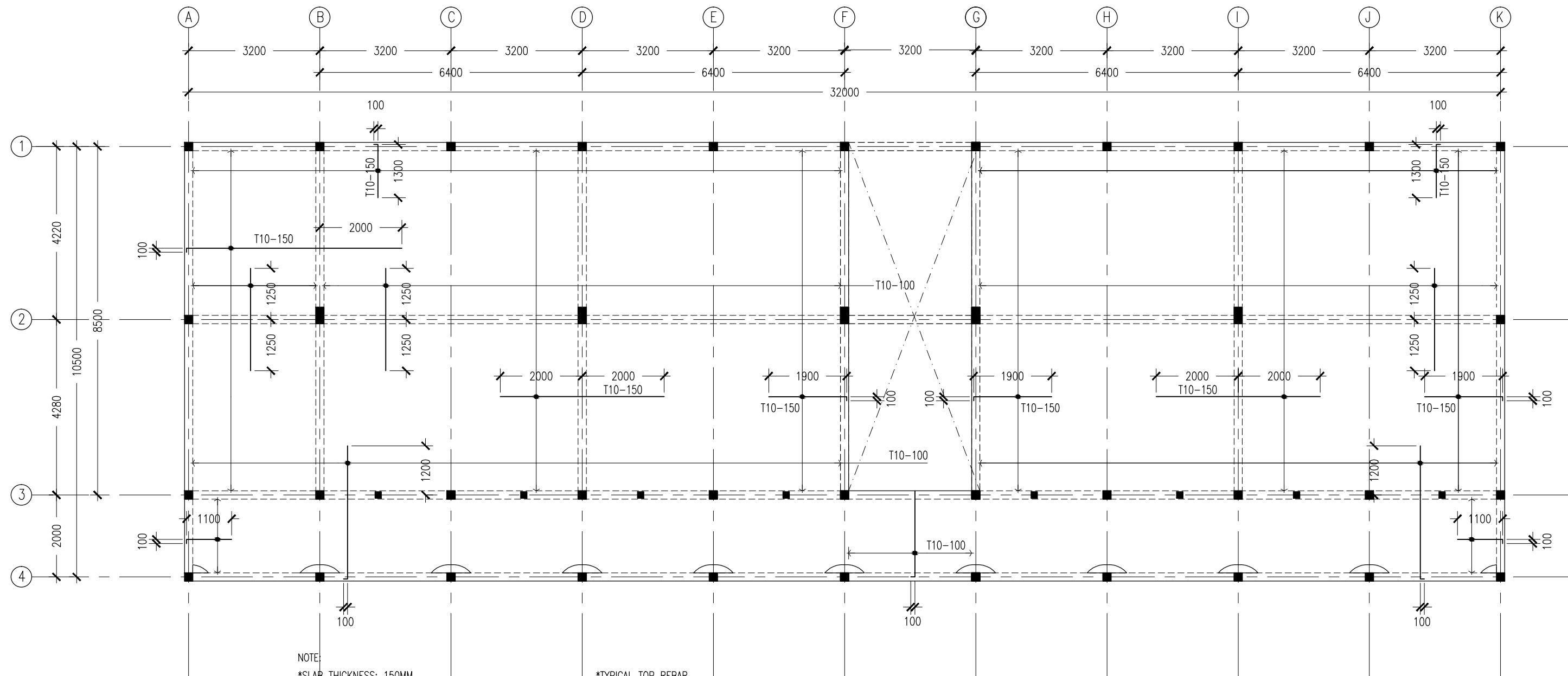


ROOF BEAM LAYOUT PLAN
SCALE 1:100

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



| | | | | | | |
|---|---------------|---|-----------------|---------------|---------------------|---------------------|
| REVISION: | ARCHITECT: | PROJECT: 10 CLASSROOM BLOCK AT HAJAHVANDHOO | | | S-05 | |
| | ENGINEER: | LOCATION: | | | | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | | | | |
| | ESTIMATOR: | CLIENT: | | | | |
| | DRAWN BY: | SHAMHAD | SCALE: AS GIVEN | DIMENSION: MM | | DATE: NOVEMBER 2014 |
| 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.: 13-080 | |



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

*TYPICAL TOP REBAR
SPECIFIED LENGTH
EXTRA 100
INTO BEAM
*FCU=25N/MM2
*ADD CONMIX MegaFlow P TO ALL SUPER
STRUCTURE CONCRETE

1ST-2ND FLOOR SLAB RFMNT LAYOUT PLAN

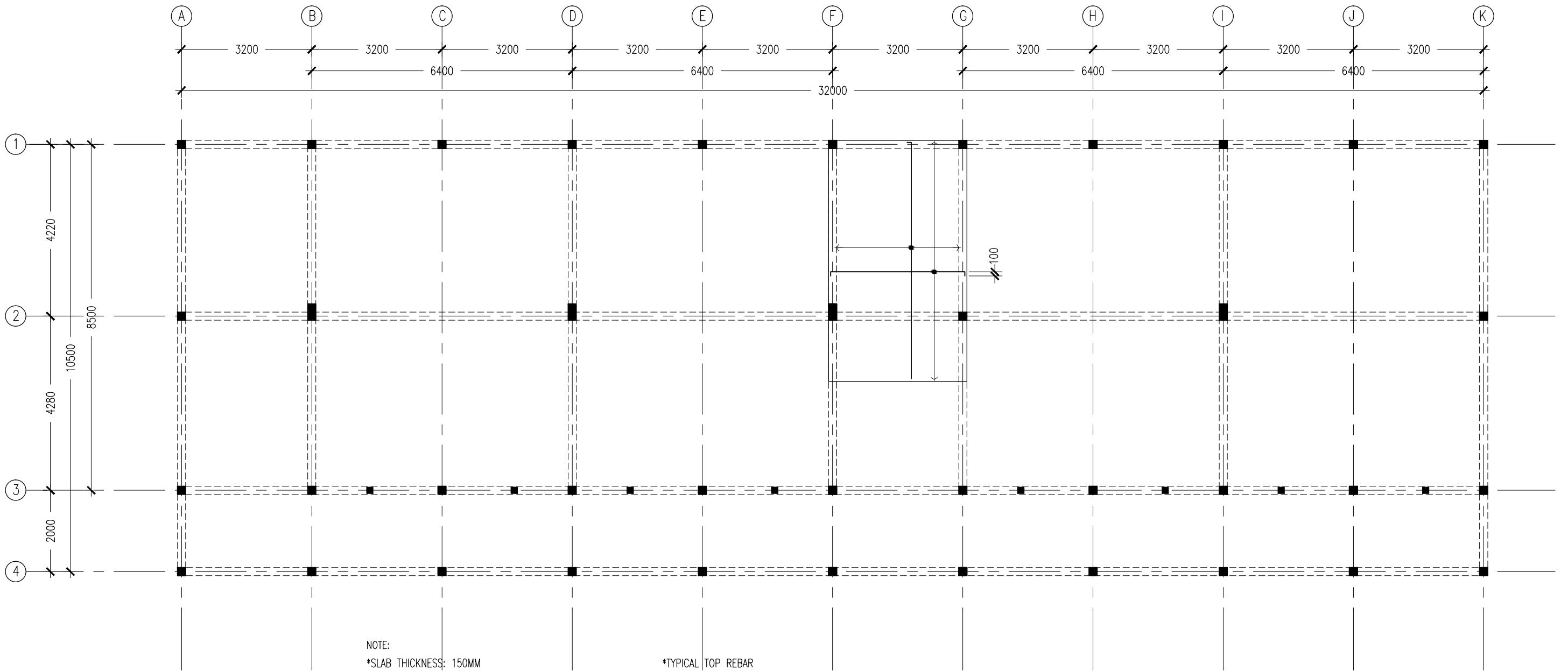
SCALE 1:100

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

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

| | | | | |
|-----------|---------------------------|--|---------------|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HA.IHAVANDHOO | S-06 | |
| | ENGINEER: - | LOCATION: | | DWG NO |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | | PROJECT NO.: 13-080 |
| | ESTIMATOR: | CLIENT: | | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DIMENSION: MM | DATE: NOVEMBER 2014 |

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

*TYPICAL TOP REBAR
SPECIFIED LENGTH
EXTRA 100
INTO BEAM
*FCU=25N/MM2
*ADD CONMIX MegaFlow P TO ALL SUPER
STRUCTURE CONCRETE

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

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



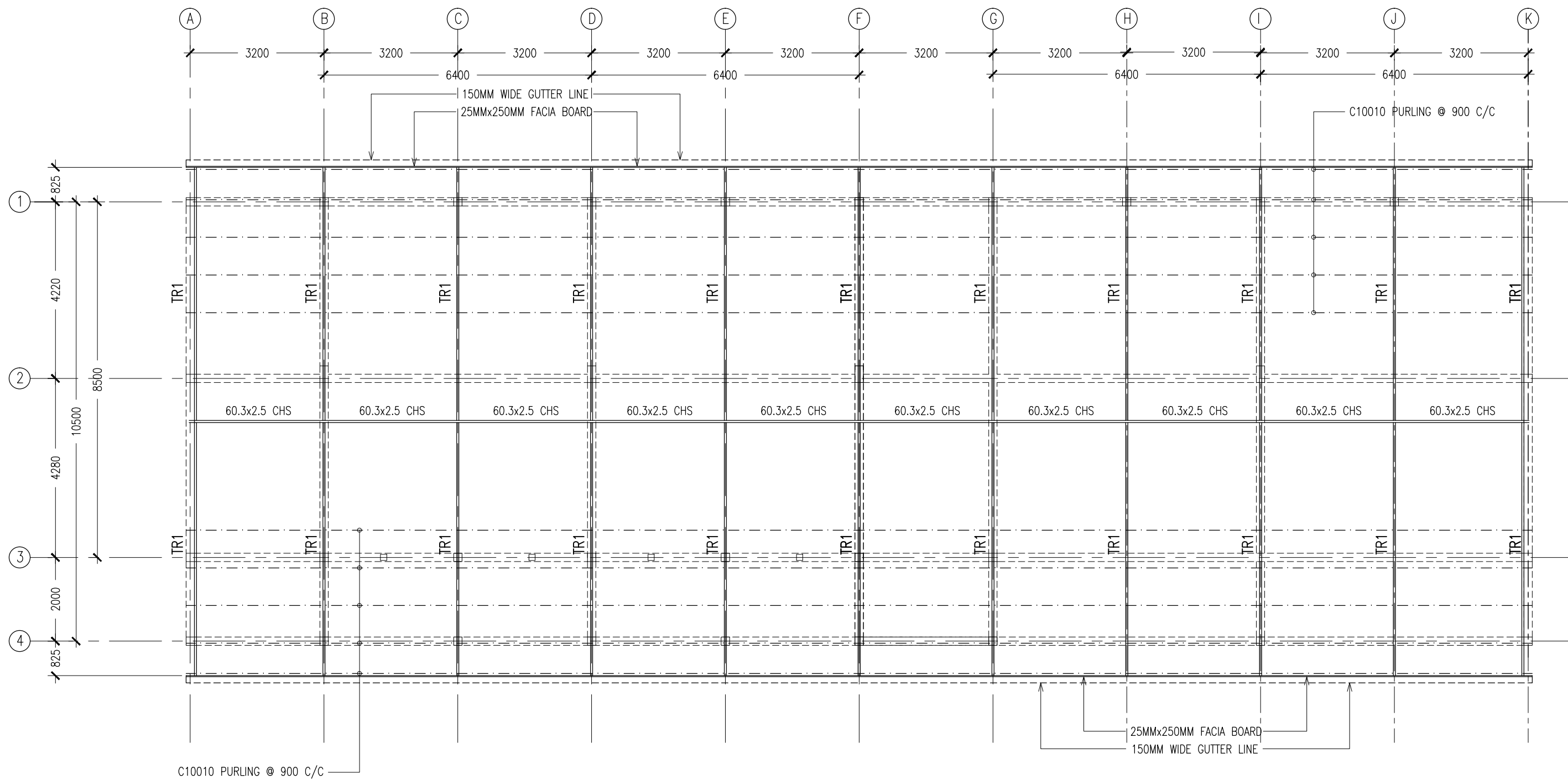
| | |
|-----------|--|
| REVISION: | |
| | |
| | |
| | |

| | |
|---------------|----------------|
| ARCHITECT: | MOHAMED HAMEEN |
| ENGINEER: | - |
| SERVICES ENG: | |
| ESTIMATOR: | |
| DRAWN BY: | SHAMHAD |

| | | | |
|----------------|-------------------------------------|---------------|---------------------|
| PROJECT: | 10 CLASSROOM BLOCK AT HAJIHAVANDHOO | | |
| LOCATION: | | | |
| DRAWING TITLE: | AS GIVEN | | |
| CLIENT: | | | |
| SCALE: | AS GIVEN | DIMENSION: MM | DATE: NOVEMBER 2014 |

S-07

DWG NO
PROJECT NO.: 13-080



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

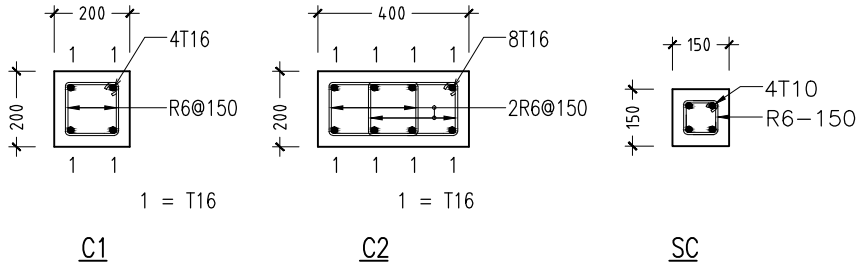


| | | | |
|-----------|---------------------------|---|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HAJHAVANDHOO | S-08 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DWG NO |
| | | DIMENSION: MM | PROJECT NO.: 13-080 |
| | | DATE: NOVEMBER 2014 | |

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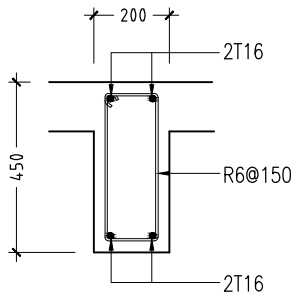
| | FOOTING | LENGTH/mm | WIDTH/mm | DEPTH/mm | REINFORCEMENT |
|--|---------|-----------|----------|----------|-------------------------|
| | F1 | 1050 | 1050 | 300 | T12@150mm C/C BW BOTTOM |
| | F2 | 1150 | 1150 | 300 | T12@150mm C/C BW BOTTOM |
| | F3 | 1450 | 1450 | 300 | T12@150mm C/C BW BOTTOM |
| | F4 | 1350 | 1350 | 300 | T12@150mm C/C BW BOTTOM |
| | F5 | 1550 | 1550 | 300 | T12@150mm C/C BW BOTTOM |
| | F6 | 2200 | 2200 | 300 | T16@100mm C/C BW BOTTOM |
| | F7 | 2350 | 2350 | 300 | T16@100mm C/C BW BOTTOM |
| | F8 | 800 | 800 | 300 | T12@150mm C/C BW BOTTOM |

FOOTING DETAILS

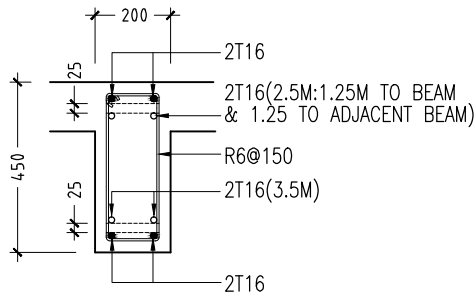


COLUMN DETAILS

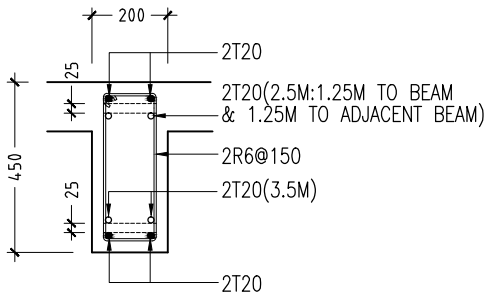
SCALE 1:20



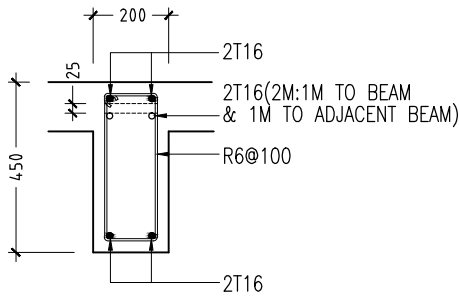
B1



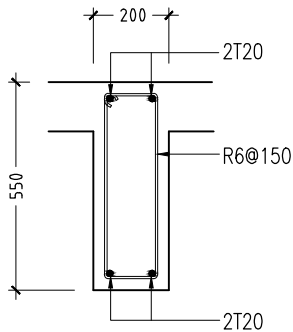
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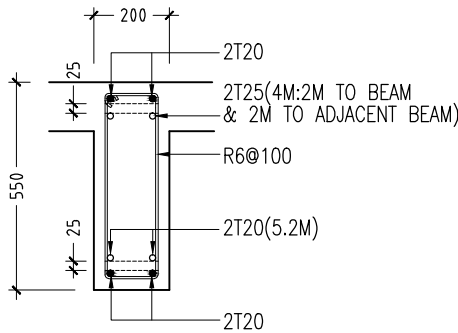
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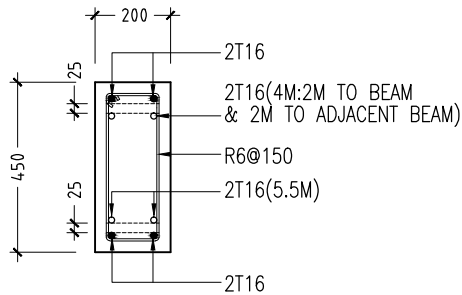
B4



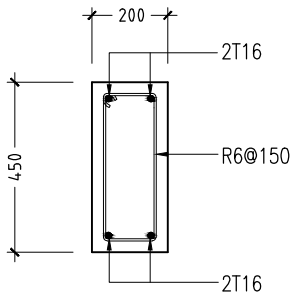
B5



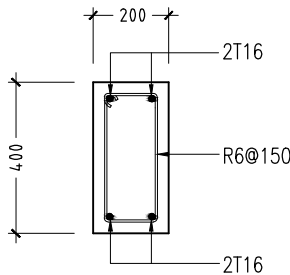
B6



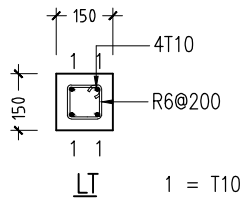
RB1



RB2



RB3



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

RC BEAM DETAILS

SCALE 1:20

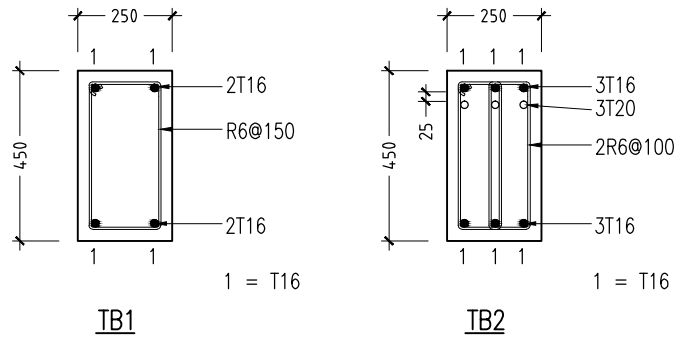
LINTEL/SILL BEAM DETAILS

SCALE 1:20

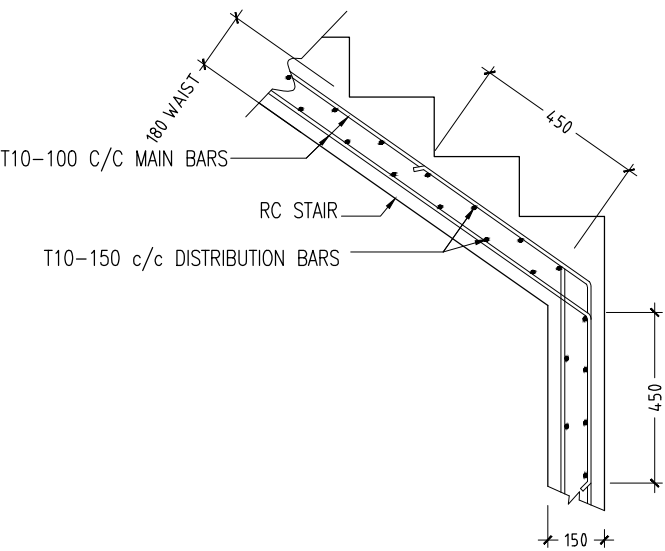
CONTRACTORS MUST
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DRAWINGS, FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS



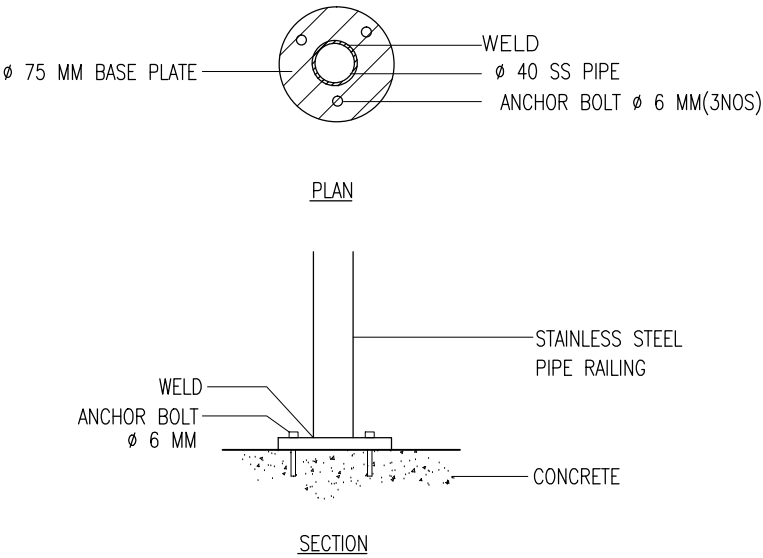
| | | | | | | | | | | |
|---|---------------|----------------|-----------------|--|---------------|------------------------------------|--|--------|------|---------------------|
| REVISION: | ARCHITECT: | MOHAMED HAMEEN | PROJECT: | | | 10 CLASSROOM BLOCK AT HAJHAVANDHOO | | | S-09 | |
| | ENGINEER: | - | LOCATION: | | | | | | | |
| | SERVICES ENG: | | DRAWING TITLE: | | | AS GIVEN | | | | |
| | ESTIMATOR: | | CLIENT: | | | | | | | |
| | DRAWN BY: | SHAMHAD | SCALE: AS GIVEN | | DIMENSION: MM | DATE: NOVEMBER 2014 | | DWG NO | | |
| 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 | | | | | | | | | | PROJECT NO.: 13-080 |



FOUNDATION BEAM DETAILS
SCALE 1:20



TYPICAL STAIR RFMT DETAIL
SCALE 1:20



DETAIL D (STAIR RAILING)
SCALE 1:20

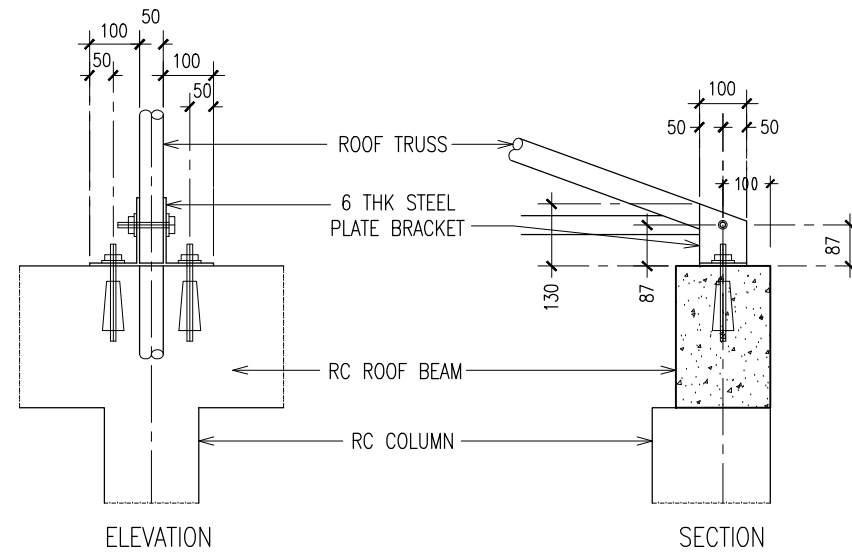
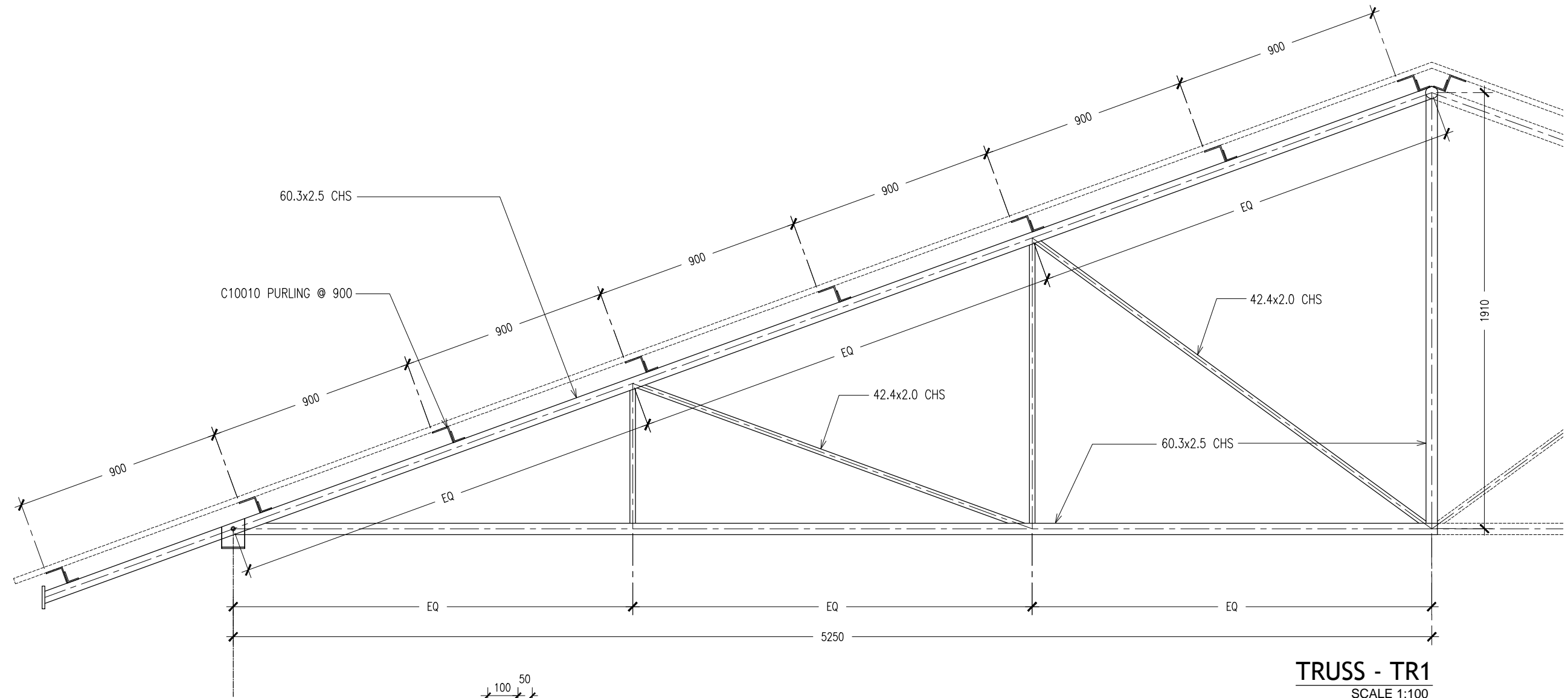
CONTRACTORS MUST
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DIMENSIONS ON SITE
BEFORE STARTING
ANY WORK OR SHOP
DRAWINGS, FIGURED
DIMENSIONS TO TAKE
PRECEDENCE OVER
SCALE READINGS

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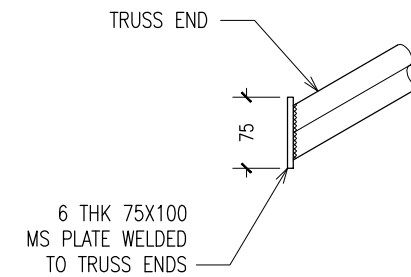
Ma Fiyajahaage, 1st floor, Male', Republic of Maldives
admin@archeng.biz

| | | | |
|-----------|---------------------------|---|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HAJHAVANDHOO | S-10 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DWG NO |
| | | DIMENSION: MM | PROJECT NO.: 13-080 |
| | | DATE: NOVEMBER 2014 | |

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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

ArchEng
s t u d i o
Ma Fiyajahaage, 1st floor, Male, Republic of Maldives
admin@archeng.biz

REVISION:

ARCHITECT: MOHAMED HAMEEN

ENGINEER: -

SERVICES ENG:

ESTIMATOR:

DRAWN BY: SHAMHAD

PROJECT: 10 CLASSROOM BLOCK AT HA.IHAVANDHOO

LOCATION:

DRAWING TITLE: AS GIVEN

CLIENT:

SCALE: AS GIVEN

DIMENSION: MM

DATE: NOVEMBER 2014

S-11

DWG NO

PROJECT NO.: 13-080

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PROPOSED CONNECTION BRIDGE

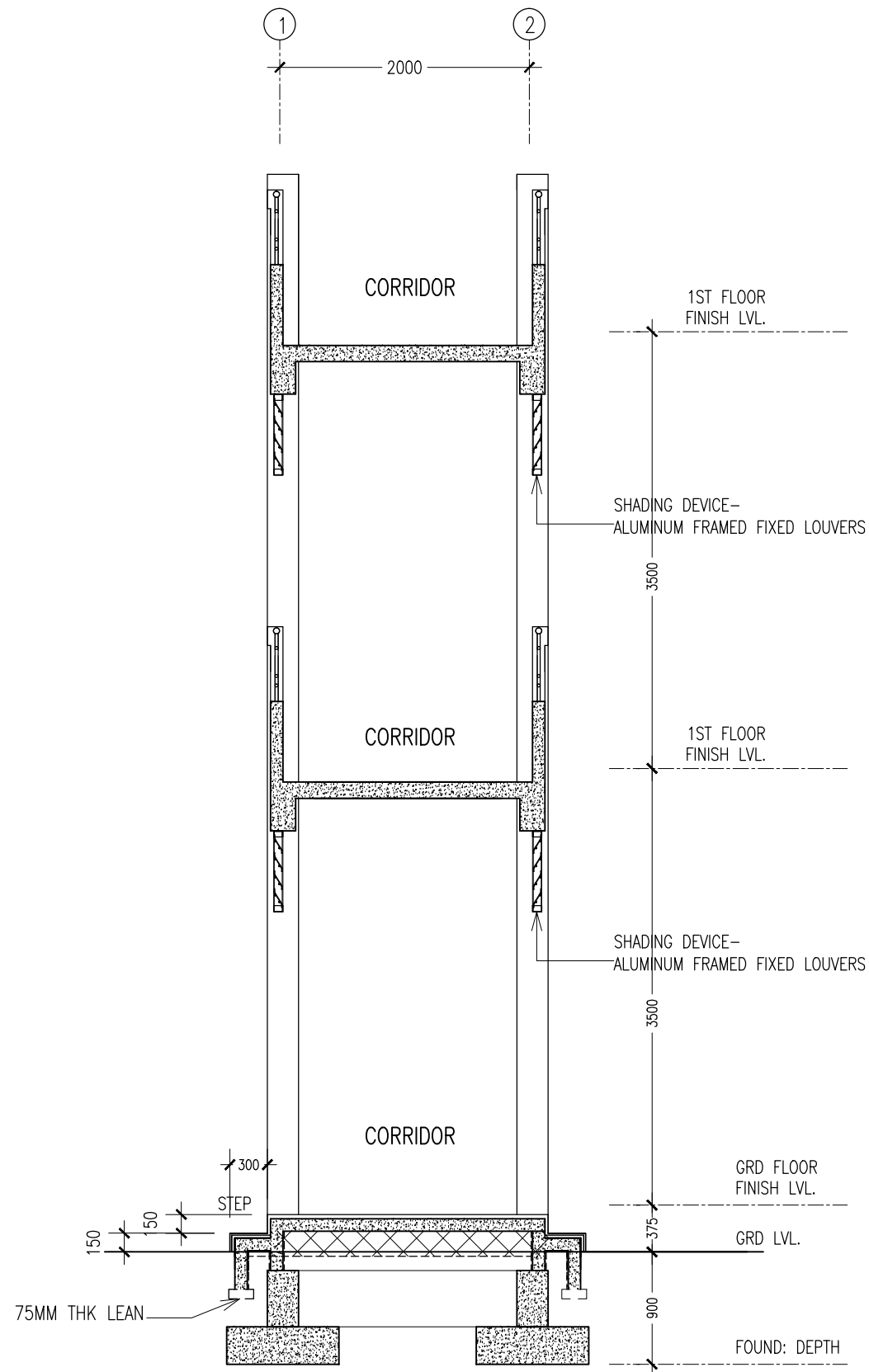
**IHAVANDHOO SCHOOL
ARCHITECTURAL AND STRUCTURAL DRAWINGS**

JULY 2015

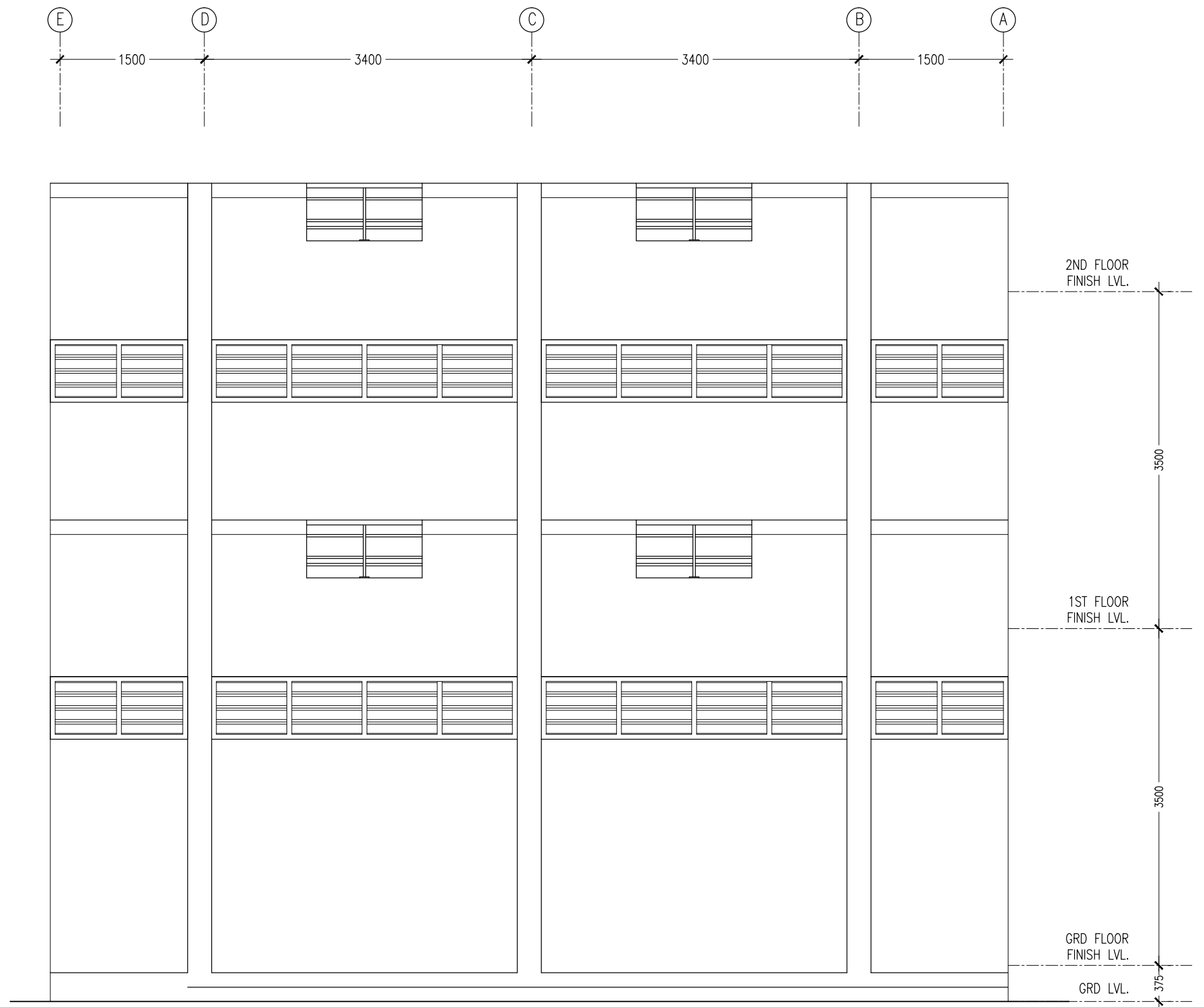
CLIENT : MINISTRY OF EDUCATION

DESIGN BY

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



SECTION DETAIL Z-Z
SCALE 1:50



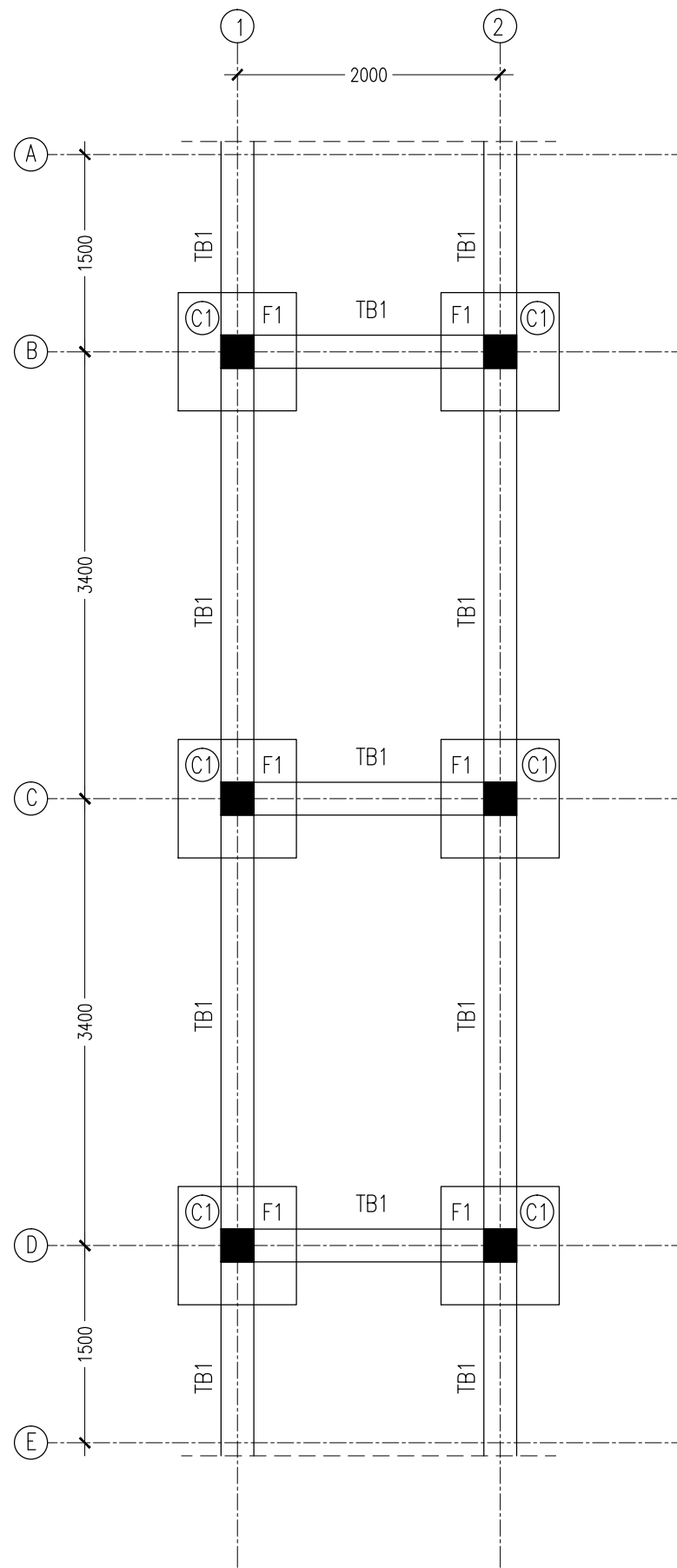
ELEVATION A
SCALE 1:50

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

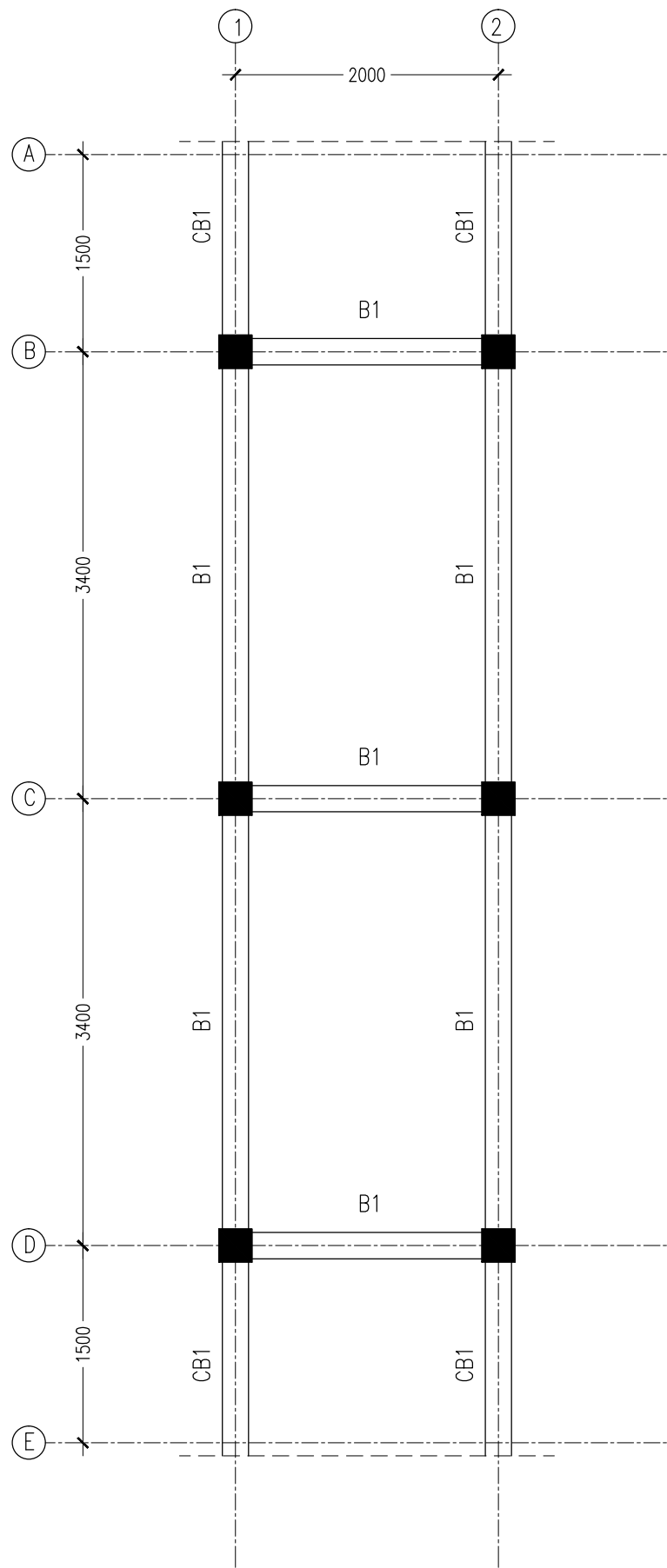
ArchEng
studio
Ma Fiyajahaage, 1st floor, Male', Republic of Maldives
admin@archeng.biz

| | | | |
|-----------|---------------------------|---|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HAJHAVANDHOO | A-02 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DWG NO |
| | | DIMENSION: MM | DATE: NOVEMBER 2014 |
| | | PROJECT NO.: 13-080 | |

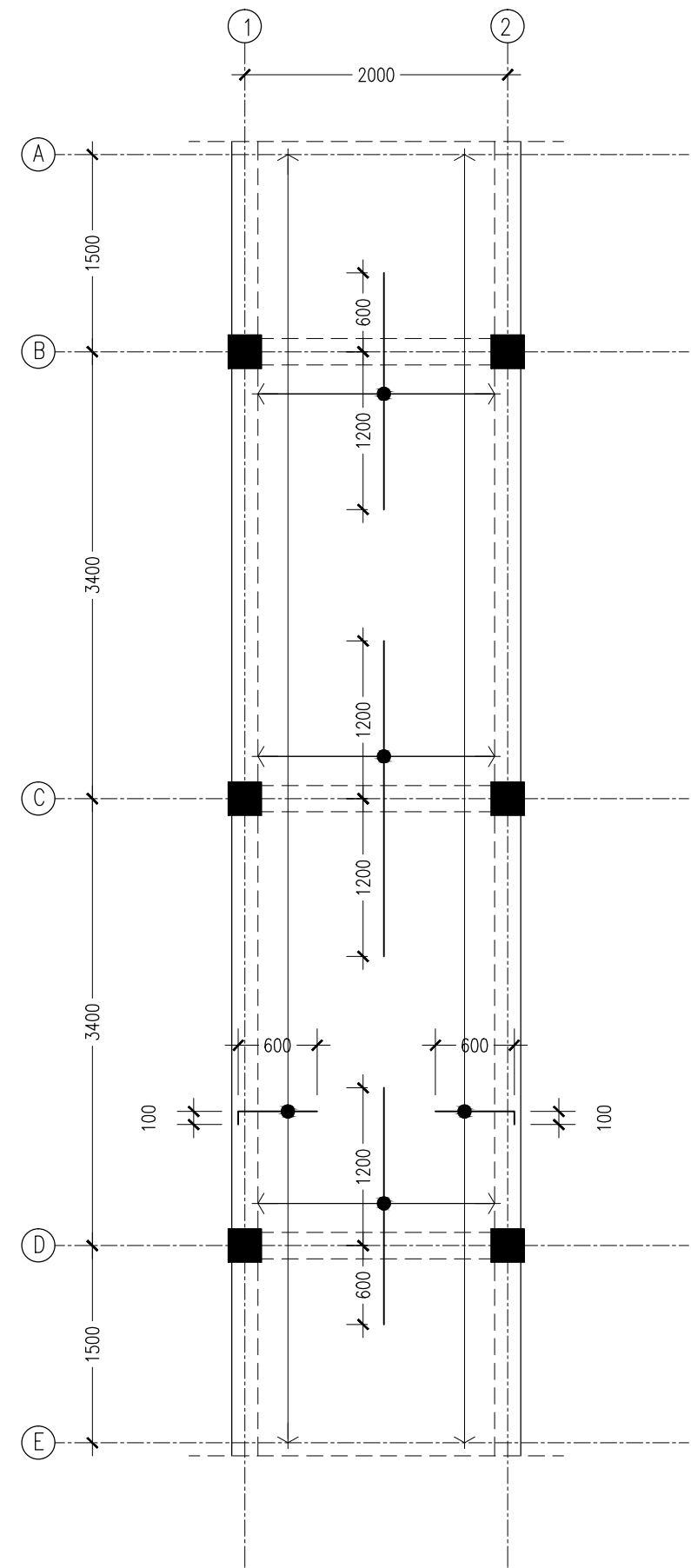
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN, DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



FOUNDATION PLAN
SCALE 1:50



BEAM LAYOUT PLAN
SCALE 1:50



1ST-2ND SLAB PLAN
SCALE 1:50

CONTRACTORS MUST
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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: | - |
| SERVICES ENG: | |
| ESTIMATOR: | |
| DRAWN BY: | SHAMHAD |

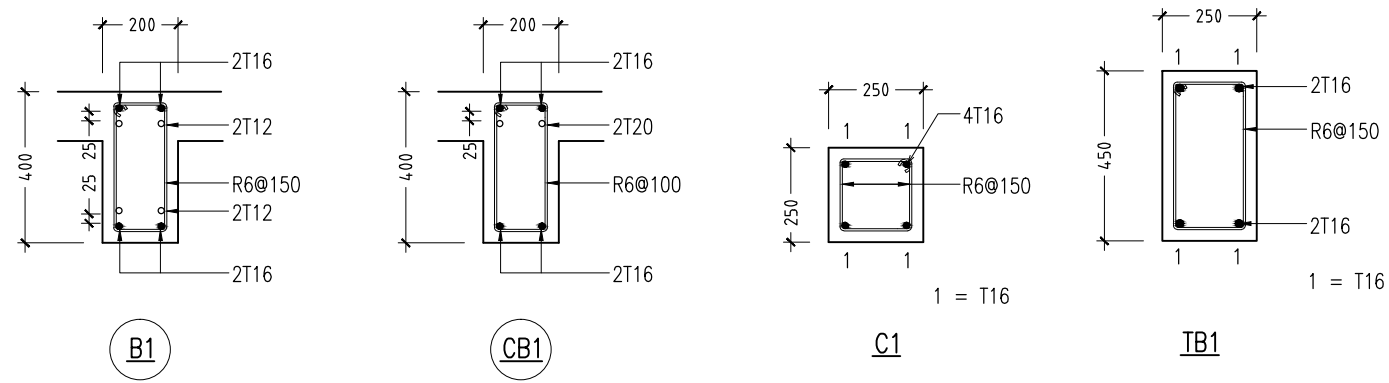
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|----------------|-------------------------------------|---------------|---------------------|
| PROJECT: | 10 CLASSROOM BLOCK AT HAJIHAVANDHOO | | |
| LOCATION: | | | |
| DRAWING TITLE: | AS GIVEN | | |
| CLIENT: | | | |
| SCALE: | AS GIVEN | DIMENSION: MM | DATE: NOVEMBER 2014 |

| |
|---------------------|
| S-01 |
| DWG NO |
| PROJECT NO.: 13-080 |

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| FOOTING | LENGTH/mm | WIDTH/mm | DEPTH/mm | REINFORCEMENT |
|---------|-----------|----------|----------|-------------------------|
| F1 | 900 | 900 | 300 | T12@150mm C/C BW BOTTOM |

FOOTING DETAILS



BEAM DETAIL
SCALE 1:20

COLUMN & TIE BEAM DETAILS
SCALE 1:20

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



| | | | |
|-----------|---------------------------|---|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HAJHAVANDHOO | S-02 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DWG NO |
| | | DIMENSION: MM | PROJECT NO.: 13-080 |
| | | DATE: NOVEMBER 2014 | |

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PROPOSED CONNECTION BRIDGE

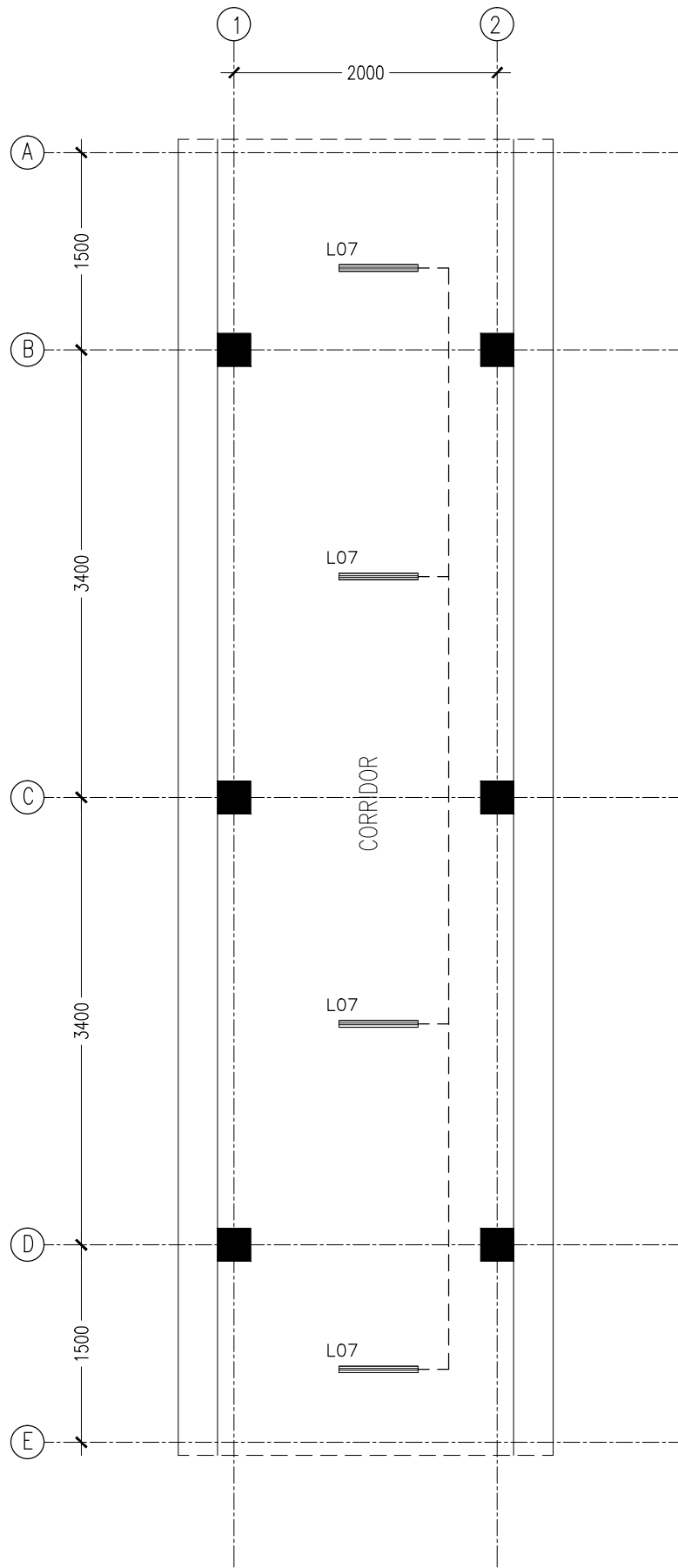
**IHAVANDHOO SCHOOL
SERVICES DRAWINGS**

JULY 2015

CLIENT : MINISTRY OF EDUCATION

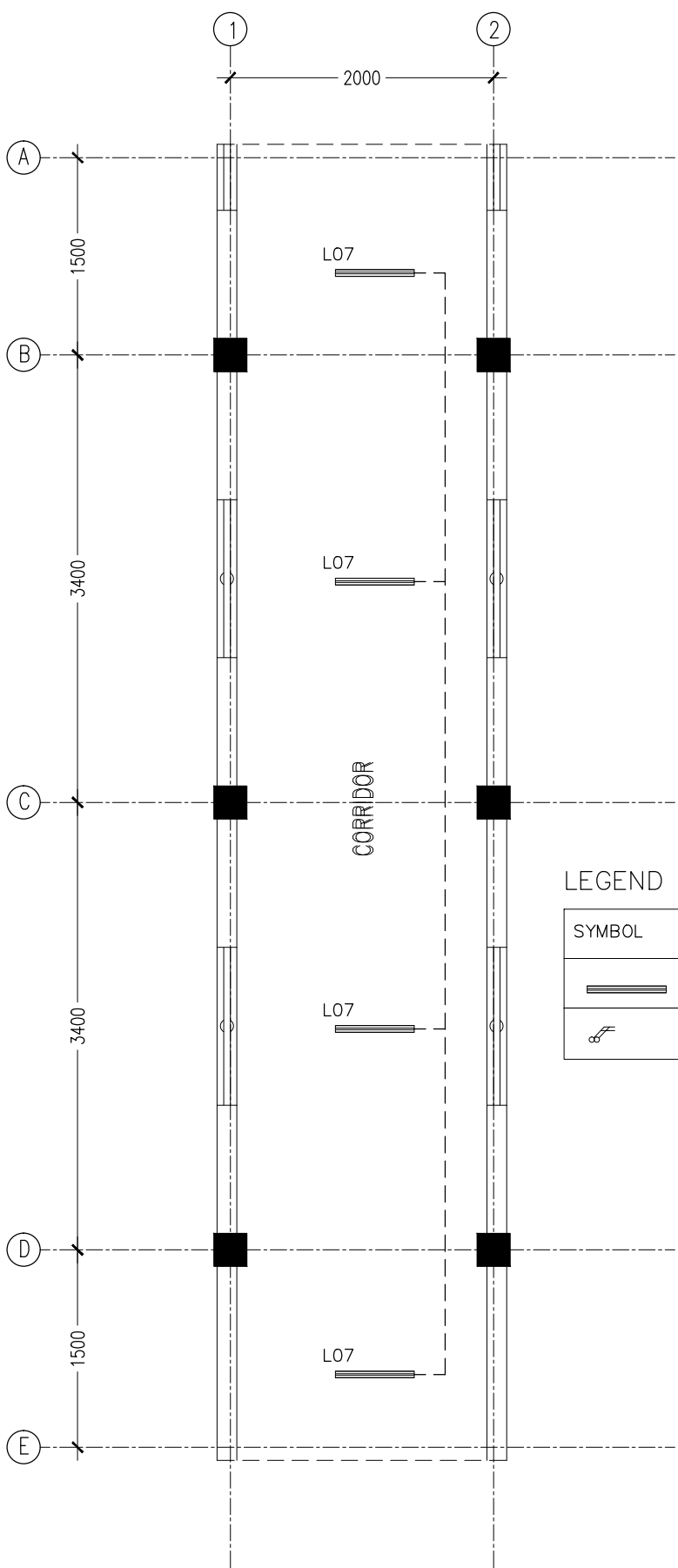
DESIGN BY

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



CONNECTION BRIDGE GROUND FLOOR LIGHTING
PLAN
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



LEGEND

| SYMBOL | CODE | DESCRIPTION |
|--------|------|--|
| | L07 | 2X36W FLUORESCENT LAMPS IN SURFACE MOUNT LUMINAIRE WITH DIFFUSER |
| | P22 | 4GANG 1 WAY SWITCH |

CONNECTION BRIDGE 1ST-2ND FLOOR LIGHTING PLAN
SCALE 1:50

| | | | |
|-----------|---------------------------|--|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HA.IHAVANDHOO | A-01 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DWG NO |
| | | DIMENSION: MM | PROJECT NO.: 13-080 |
| | | DATE: NOVEMBER 2014 | |

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PROPOSED 12 CLASS ROOM BLOCK

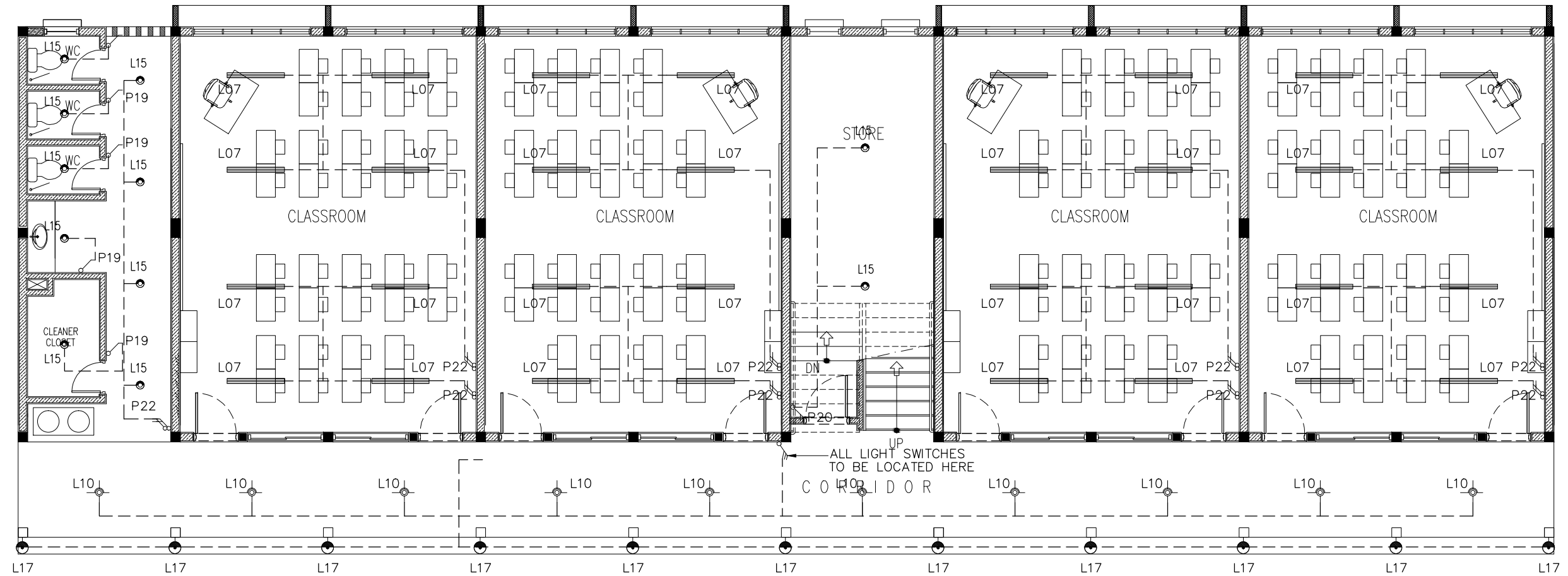
**IHAVANDHOO SCHOOL
SERVICES DRAWINGS**

JULY 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 |

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

GROUND FLOOR LIGHTING
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

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

REVISION:

ARCHITECT: MOHAMED HAMEEN

ENGINEER: -

SERVICES ENG:

ESTIMATOR:

DRAWN BY: SHAMHAD

PROJECT: 10 CLASSROOM BLOCK AT HA, IHAVANDHOO

LOCATION:

DRAWING TITLE: AS GIVEN

CLIENT:

SCALE: AS GIVEN

DIMENSION: MM

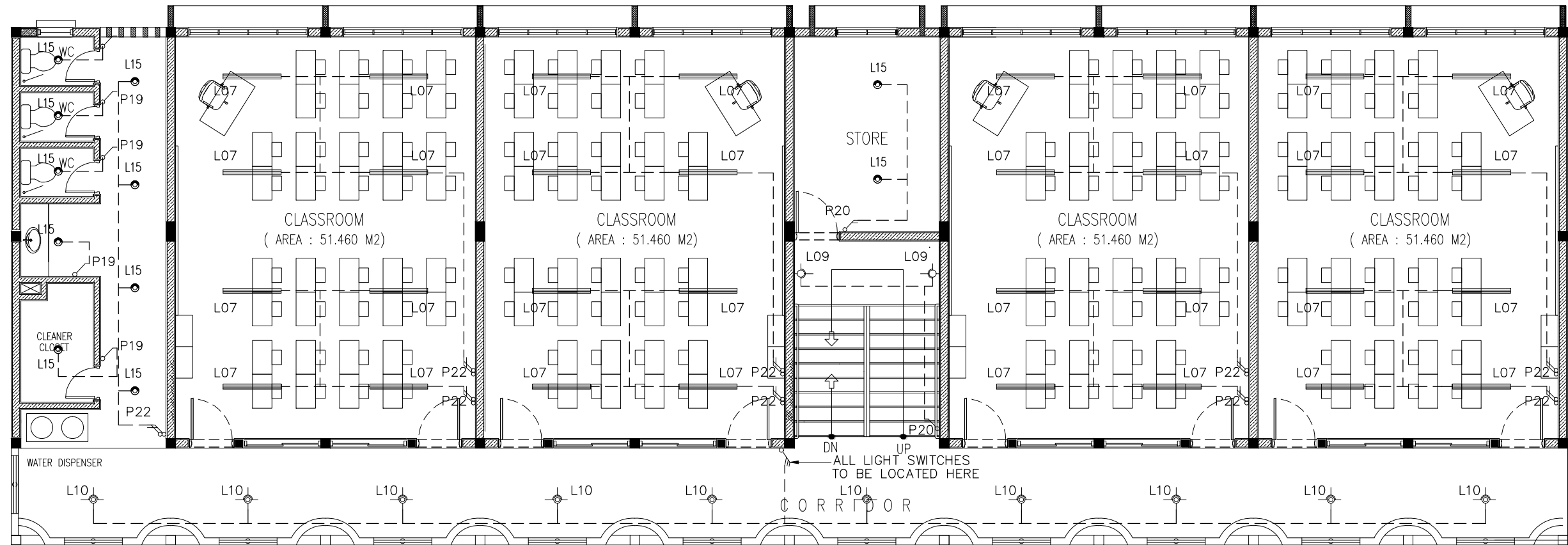
DATE: NOVEMBER 2014

E-01

DWG NO

PROJECT NO.: 13-080

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LEGEND

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

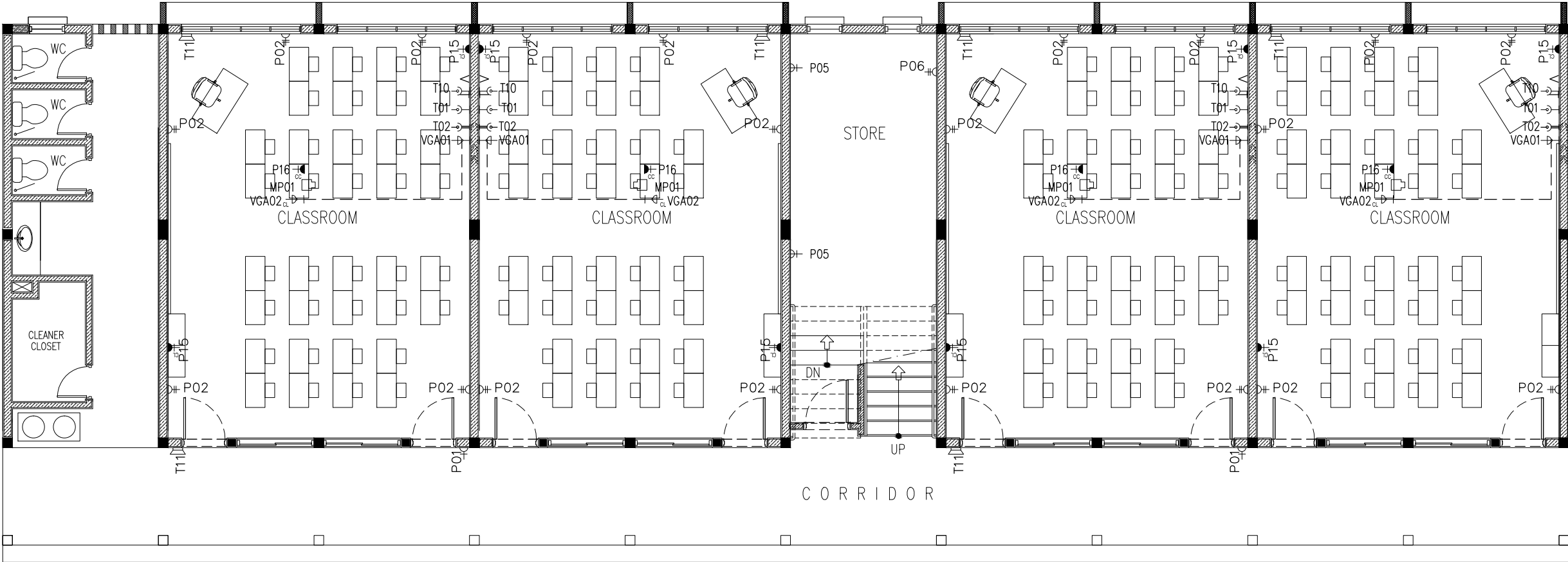
| | | |
|--|-----|--------------------|
| | P20 | 2GANG 1 WAY SWITCH |
| | P21 | 3GANG 1 WAY SWITCH |
| | P22 | 4GANG 1 WAY SWITCH |

1SND-2ND FLOOR LIGHTING PLAN
SCALE 1:100

CONTRACTORS MUST
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: 10 CLASSROOM BLOCK AT HAIHAVANDHOO | | | E-02 |
| | ENGINEER: - | LOCATION: | | | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | | | |
| | ESTIMATOR: | CLIENT: | | | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DIMENSION: MM | DATE: NOVEMBER 2014 | |
| 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.: 13-080 |



LEGEND

| SYMBOL | CODE | DESCRIPTION |
|--------|-------|---|
| | P01 | 1 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL |
| | P02 | 2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL |
| | P15 | 1 GANG15A SOCKET OUTLET AT CEILING LEVEL |
| | P16 | 1 GANG13A SOCKET OUTLET AT CEILING LEVEL |
| | VGA01 | VGA CABLE |
| | VGA02 | VGA CABLE AT CEILING LEVEL |
| | T01 | PLAIN TELEPHONE OUTLET |
| | T02 | COMPUTER NETWORK OUTLET |
| | MP01 | MULTIMEDIA PROJECTOR |
| | T10 | T.V POINT |
| | T11 | SPEAKER |

GROUND FLOOR POWER
SOCKET PLAN
SCALE 1:100

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



REVISION:

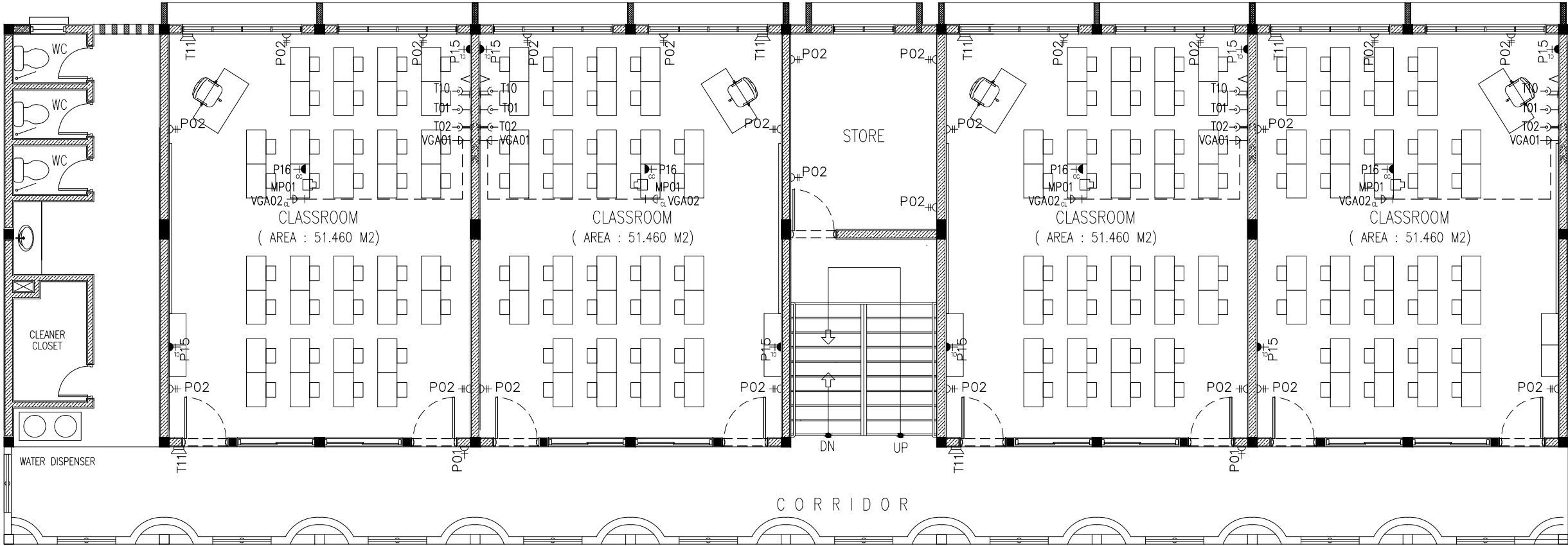
ARCHITECT: MOHAMED HAMEEN
ENGINEER: -
SERVICES ENG:
ESTIMATOR:
DRAWN BY: SHAMHAD

PROJECT: 10 CLASSROOM BLOCK AT HAIHAVANDHOO
LOCATION:
DRAWING TITLE: AS GIVEN
CLIENT:
SCALE: AS GIVEN DIMENSION: MM DATE: NOVEMBER 2014

E-03

DWG NO
PROJECT NO.: 13-080

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LEGEND

| SYMBOL | CODE | DESCRIPTION |
|--------|-------|---|
| | P01 | 1 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL |
| | P02 | 2 GANG13A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL |
| | P15 | 1 GANG15A SOCKET OUTLET AT CEILING LEVEL |
| | P16 | 1 GANG13A SOCKET OUTLET AT CEILING LEVEL |
| | VGA01 | VGA CABLE |
| | VGA02 | VGA CABLE AT CEILING LEVEL |
| | T01 | PLAIN TELEPHONE OUTLET |
| | T02 | COMPUTER NETWORK OUTLET |
| | MP01 | MULTIMEDIA PROJECTOR |
| | T10 | T.V POINT |
| | T11 | SPEAKER |

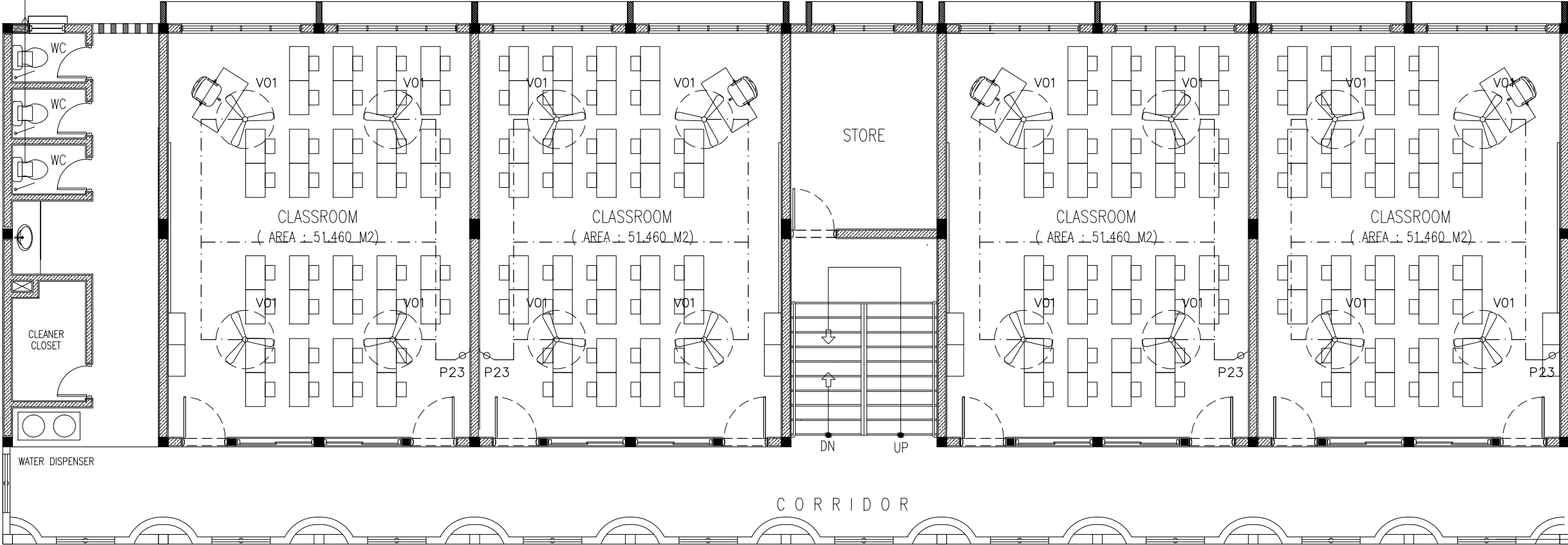
1SND-2ND FLOOR POWER SOCKET
PLAN
SCALE 1:100

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



| | | | | | | | | | |
|---|---------------|----------------|----------------|----------|------------------------------------|----|------|--------|---------------------|
| REVISION: | ARCHITECT: | MOHAMED HAMEEN | PROJECT: | | 10 CLASSROOM BLOCK AT HAJHAVANDHOO | | E-04 | | |
| | ENGINEER: | - | LOCATION: | | | | | DWG NO | |
| | SERVICES ENG: | | DRAWING TITLE: | | AS GIVEN | | | | PROJECT NO.: 13-080 |
| | ESTIMATOR: | | CLIENT: | | | | | | |
| | DRAWN BY: | SHAMHAD | SCALE: | AS GIVEN | DIMENSION: | MM | | | |
| 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 | | | | | | | | | |

MECHANICAL VENTILATION



LEGEND

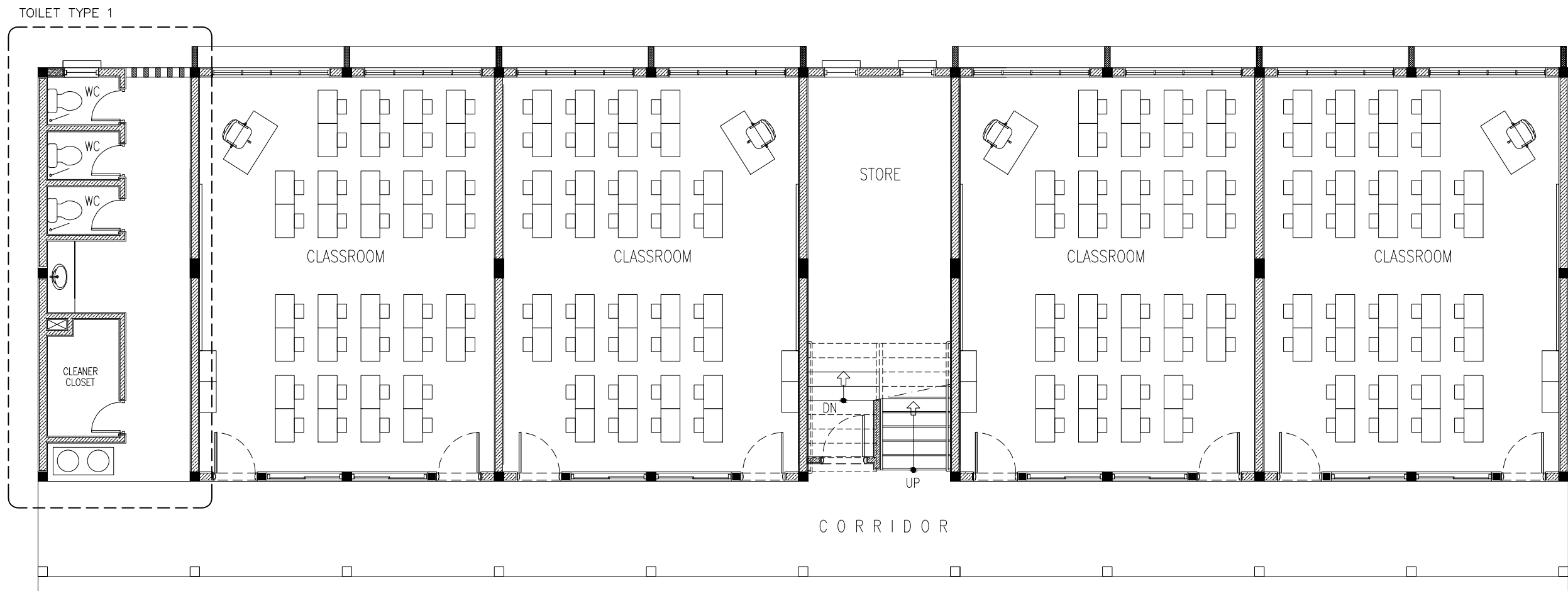
| | | |
|--|------|---------------------------|
| | P23 | FAN / LIGHT DIMMER SWITCH |
| | V01b | DIA. 1200 CEILING FAN |

1SND-2ND FLOOR FAN/AC PLAN
SCALE 1:100

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



| | | | | | | | | | |
|-----------|--|----------------|-----------------|--|--|-------------------------------------|---------------------|--|---------------------|
| REVISION: | ARCHITECT: | MOHAMED HAMEEN | PROJECT: | | | 10 CLASSROOM BLOCK AT HA.IHAVANDHOO | | | E-06 |
| | ENGINEER: | - | LOCATION: | | | | | | |
| | SERVICES ENG: | | DRAWING TITLE: | | | AS GIVEN | | | |
| | ESTIMATOR: | | CLIENT: | | | | | | |
| | DRAWN BY: | SHAMHAD | SCALE: AS GIVEN | | | DIMENSION: MM | DATE: NOVEMBER 2014 | | |
| | 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.: 13-080 |



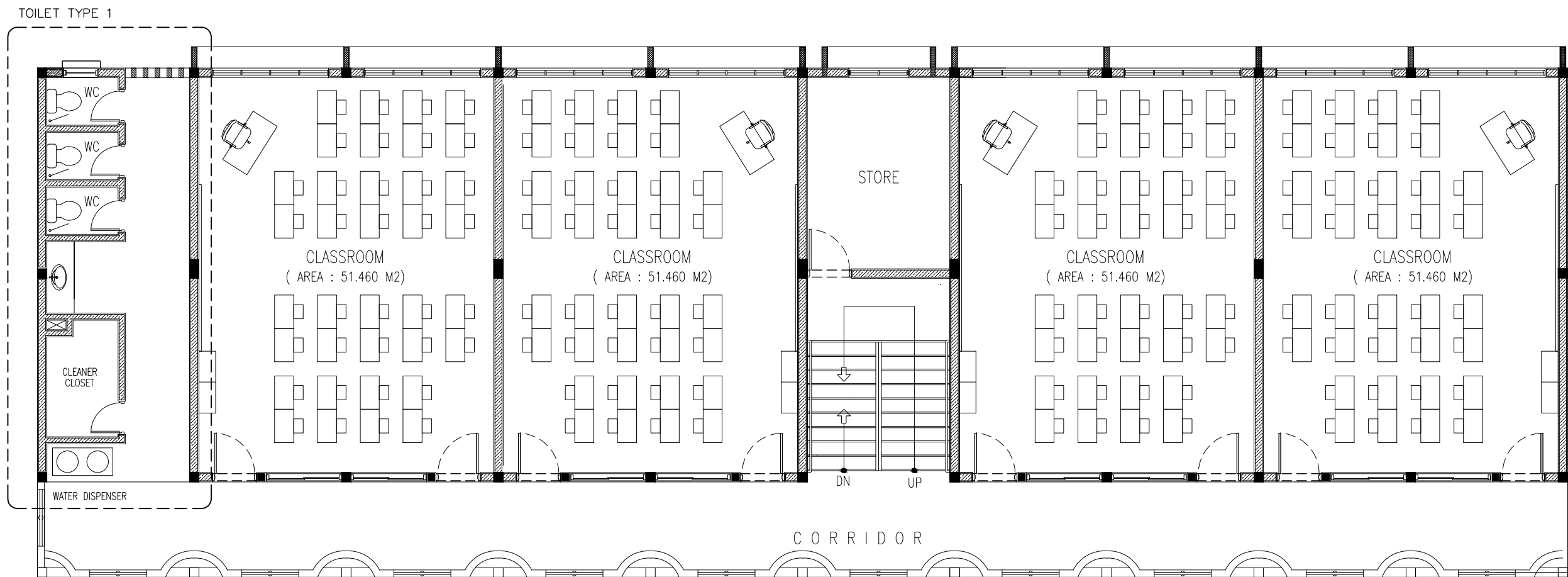
GROUND FLOOR PLUMBING KEY
 PLAN
 SCALE 1:100

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



| | | | | | |
|---|---------------|---|---------------------|--------|------|
| REVISION: | ARCHITECT: | PROJECT: 10 CLASSROOM BLOCK AT HAIHAVANDHOO | | | P-01 |
| | ENGINEER: | LOCATION: | | | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | | | |
| | ESTIMATOR: | CLIENT: | | | |
| | DRAWN BY: | SCALE: AS GIVEN | | | |
| | SHAMHAD | DIMENSION: MM | DATE: NOVEMBER 2014 | DWG NO | |
| PROJECT NO.: 13-080 | | | | | |
| CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHING 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. | | | | | |

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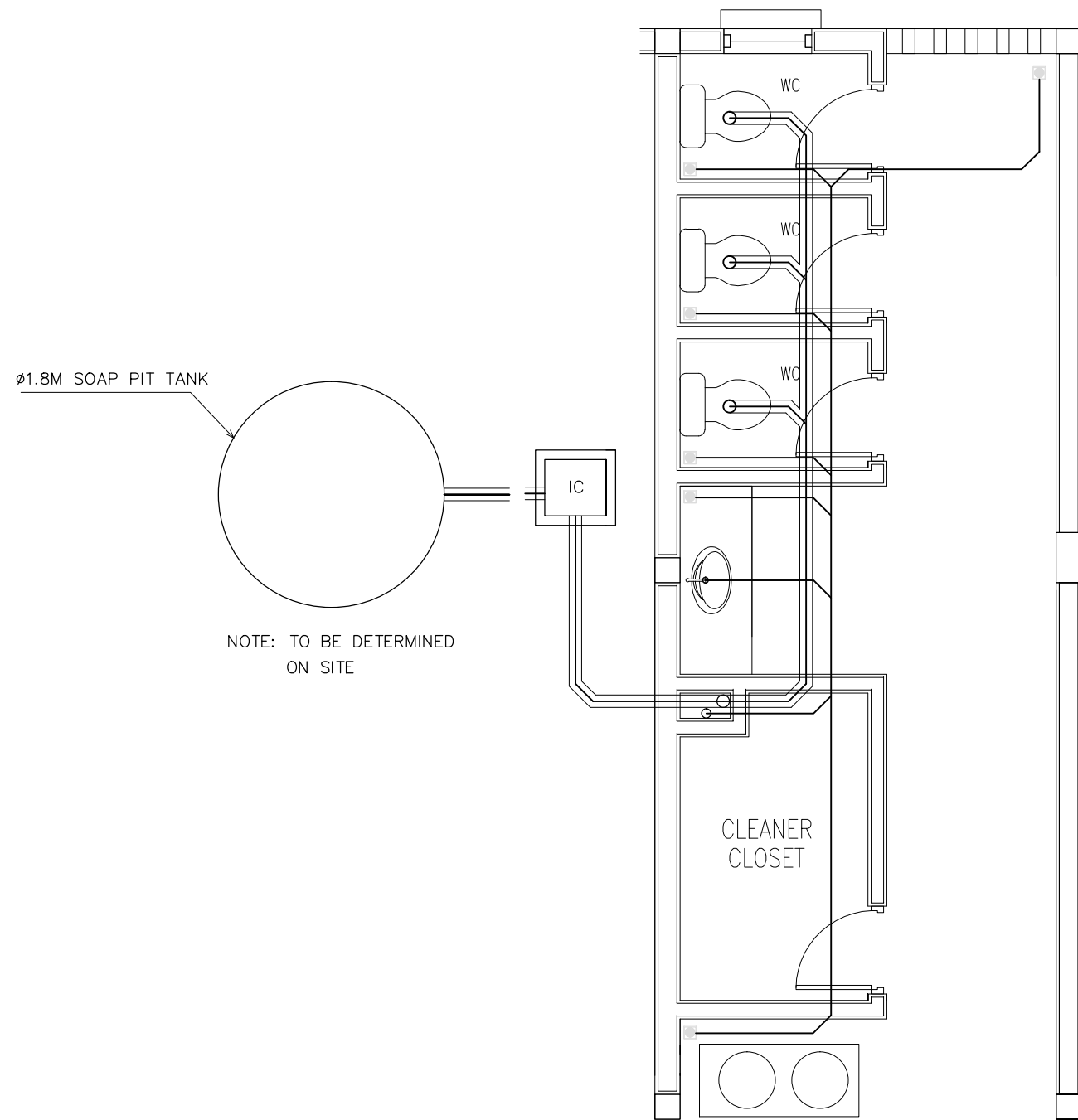
1ST-2ND FLOOR PLUMBING KEY
 PLAN
 SCALE 1:100

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



| | | | | | | |
|--|---------------|--|-------------------------|---------------|---------------------|---------------------|
| REVISION: | ARCHITECT: | PROJECT: 10 CLASSROOM BLOCK AT HA.IHAVANDHOO | | | P-02 | |
| | ENGINEER: | - | LOCATION: | | | |
| | SERVICES ENG: | | DRAWING TITLE: AS GIVEN | | | |
| | ESTIMATOR: | | CLIENT: | | | |
| | DRAWN BY: | SHAMHAD | SCALE: AS GIVEN | DIMENSION: MM | | DATE: NOVEMBER 2014 |
| 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.: 13-080 | |

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LEGEND

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

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

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



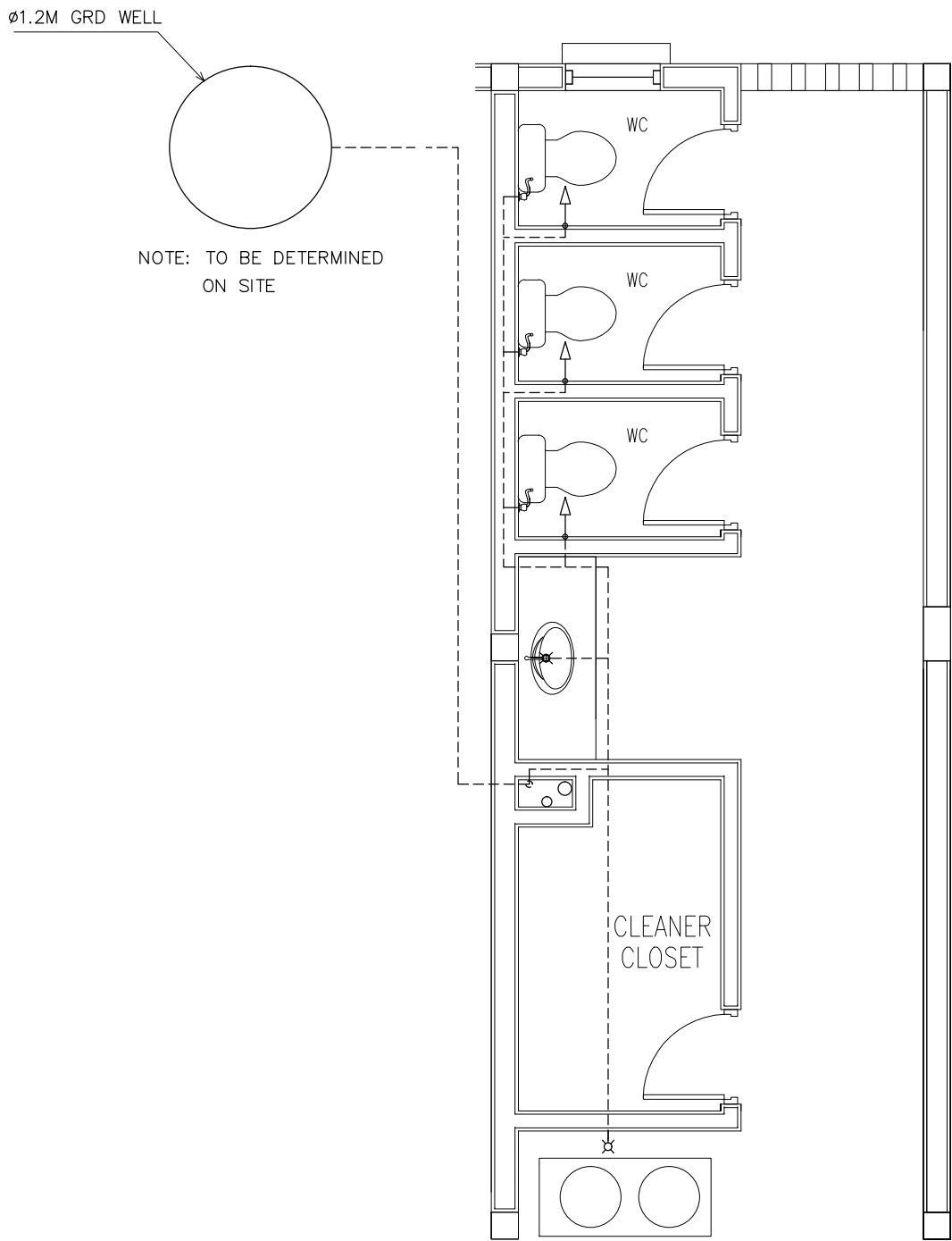
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| REVISION: |
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| | |
|---------------|----------------|
| ARCHITECT: | MOHAMED HAMEEN |
| ENGINEER: | - |
| SERVICES ENG: | |
| ESTIMATOR: | |
| DRAWN BY: | SHAMHAD |

| | |
|----------------|------------------------------------|
| PROJECT: | 10 CLASSROOM BLOCK AT HAJHAVANDHOO |
| LOCATION: | |
| DRAWING TITLE: | AS GIVEN |
| CLIENT: | |
| SCALE: | AS GIVEN |
| DIMENSION: | MM |
| DATE: | NOVEMBER 2014 |

| |
|---------------------|
| P-03 |
| DWG NO |
| PROJECT NO.: 13-080 |

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LEGEND

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

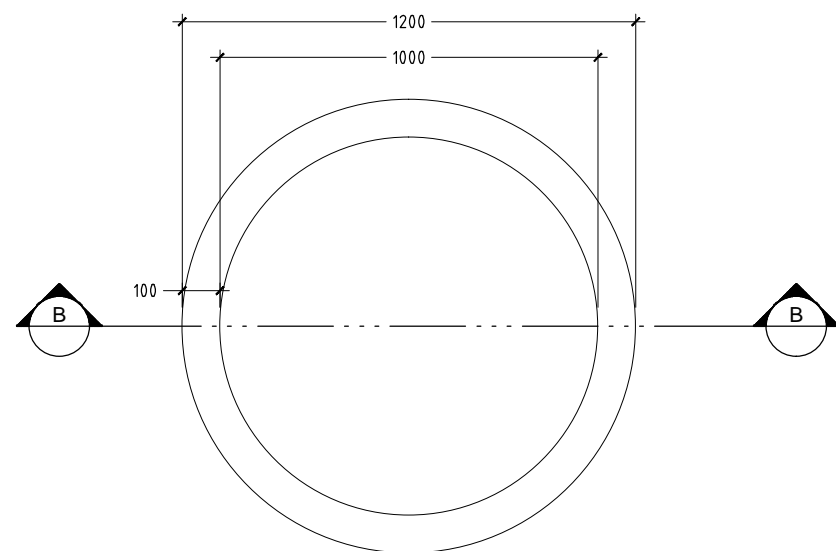
FRESH WATER SUPPLY PLAN
(TOILET TYPE 1)
SCALE 1:50

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

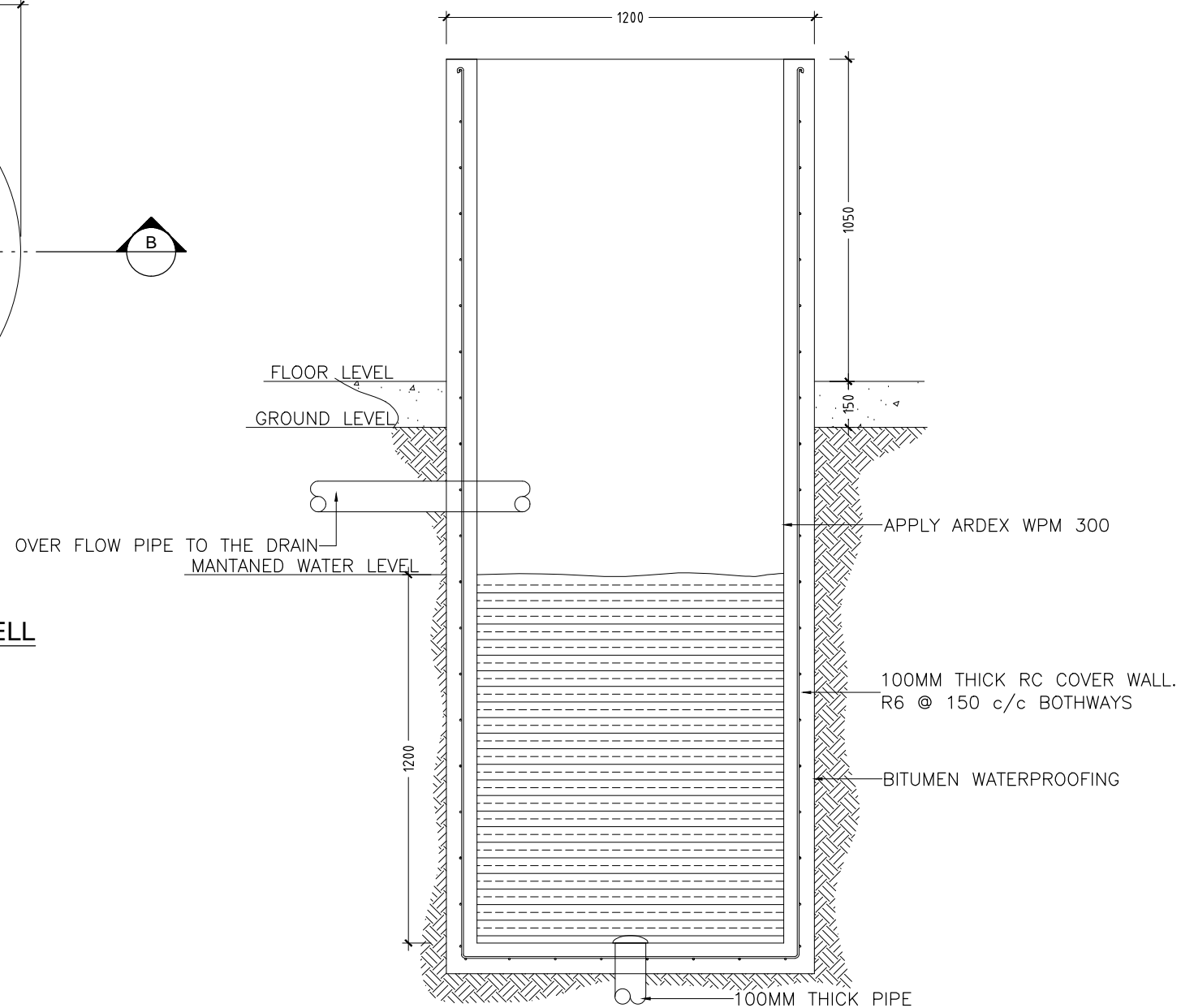


| | | | | | | | | |
|---|---------------|----------------|--|----------------|------------------------------------|------------|----|---------------------|
| REVISION: | ARCHITECT: | MOHAMED HAMEEN | | PROJECT: | 10 CLASSROOM BLOCK AT HAJHAVANDHOO | | | P-04 |
| | ENGINEER: | - | | LOCATION: | | | | |
| | SERVICES ENG: | | | DRAWING TITLE: | AS GIVEN | | | |
| | ESTIMATOR: | | | CLIENT: | | | | |
| | DRAWN BY: | SHAMHAD | | SCALE: | AS GIVEN | DIMENSION: | MM | |
| | | | | | | | | DWG NO |
| | | | | | | | | PROJECT NO.: 13-080 |
| 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 | | | | | | | | |

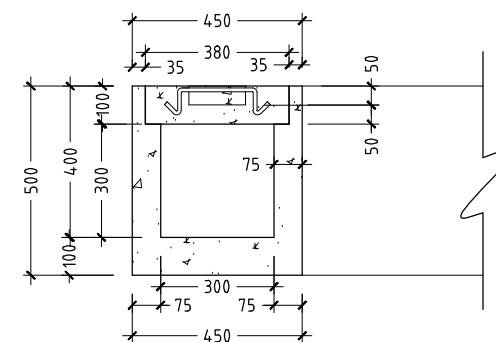
CONCEPT AND DESIGN IN THIS DRAWING ARE THE PROPERTIES OF ARCHENG STUDIO PVT LTD. UNAUTHORIZED USE OR REPRODUCTION OF PART OF THE DESIGN,DRAWINGS OR CONCEPT TO USE IN OTHER PROJECTS OR SITES OTHER THAN SPECIFIED ON THIS DRAWING IS PROHIBITED



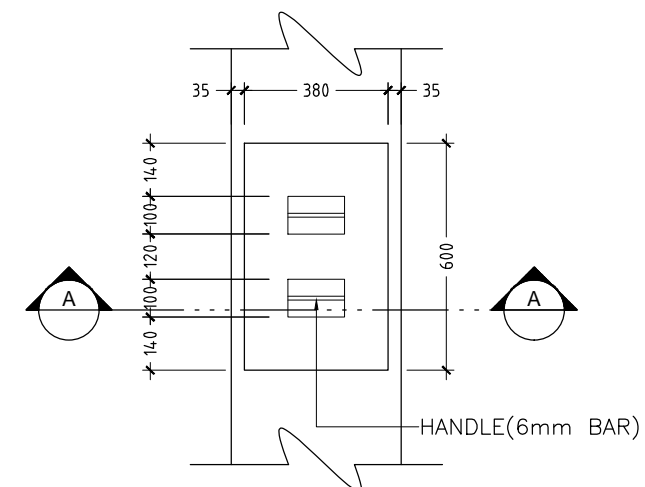
DETAIL B/ PLAN VIEW OF WELL
SCALE 1 : 20



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



| | |
|-----------|--|
| REVISION: | |
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| | |

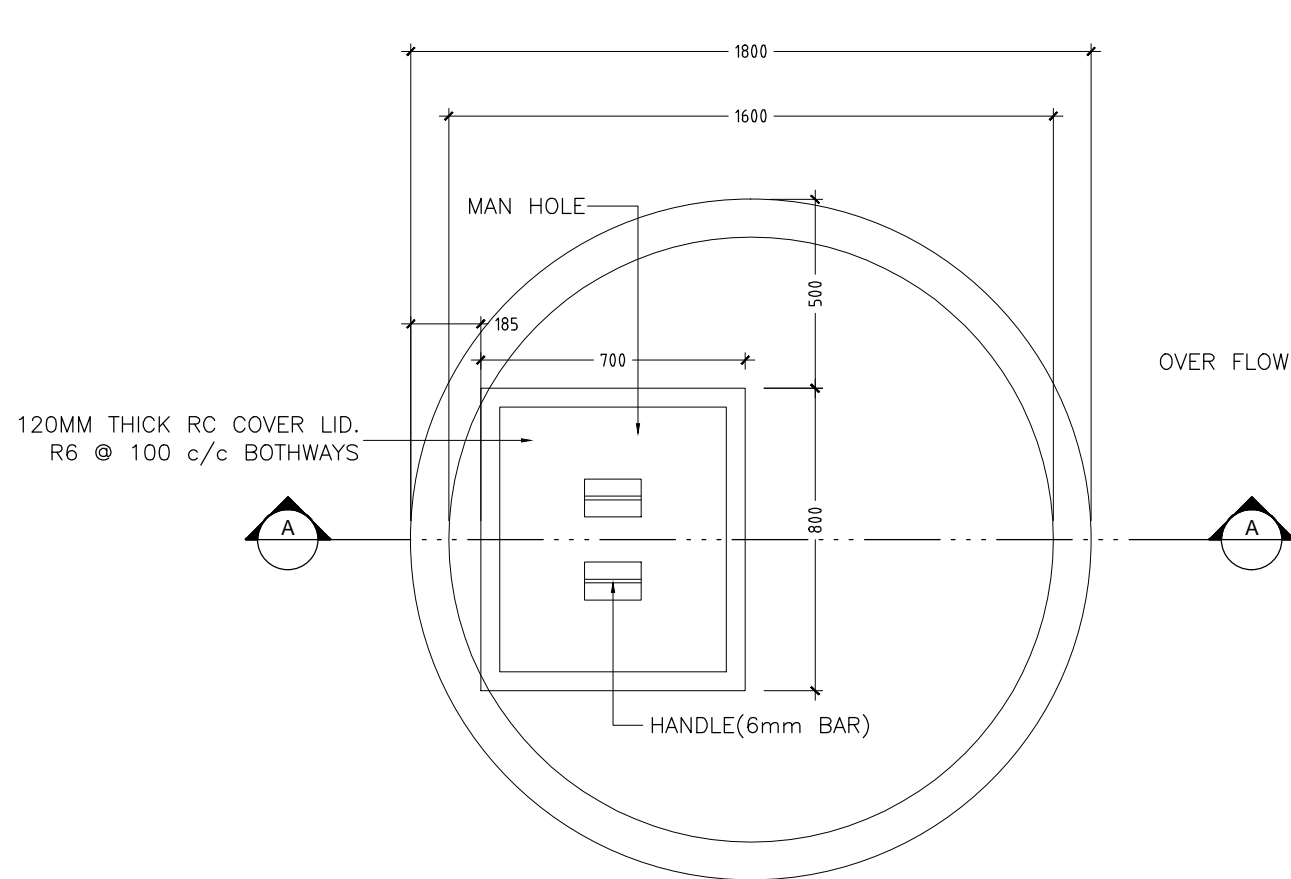
| | |
|---------------|----------------|
| ARCHITECT: | MOHAMED HAMEEN |
| ENGINEER: | - |
| SERVICES ENG: | |
| ESTIMATOR: | |
| DRAWN BY: | SHAMHAD |

| | | | |
|----------------|-------------------------------------|------------|---------------|
| PROJECT: | 10 CLASSROOM BLOCK AT HAJIHAVANDHOO | | |
| LOCATION: | | | |
| DRAWING TITLE: | AS GIVEN | | |
| CLIENT: | | | |
| SCALE: | AS GIVEN | DIMENSION: | MM |
| | | DATE: | NOVEMBER 2014 |

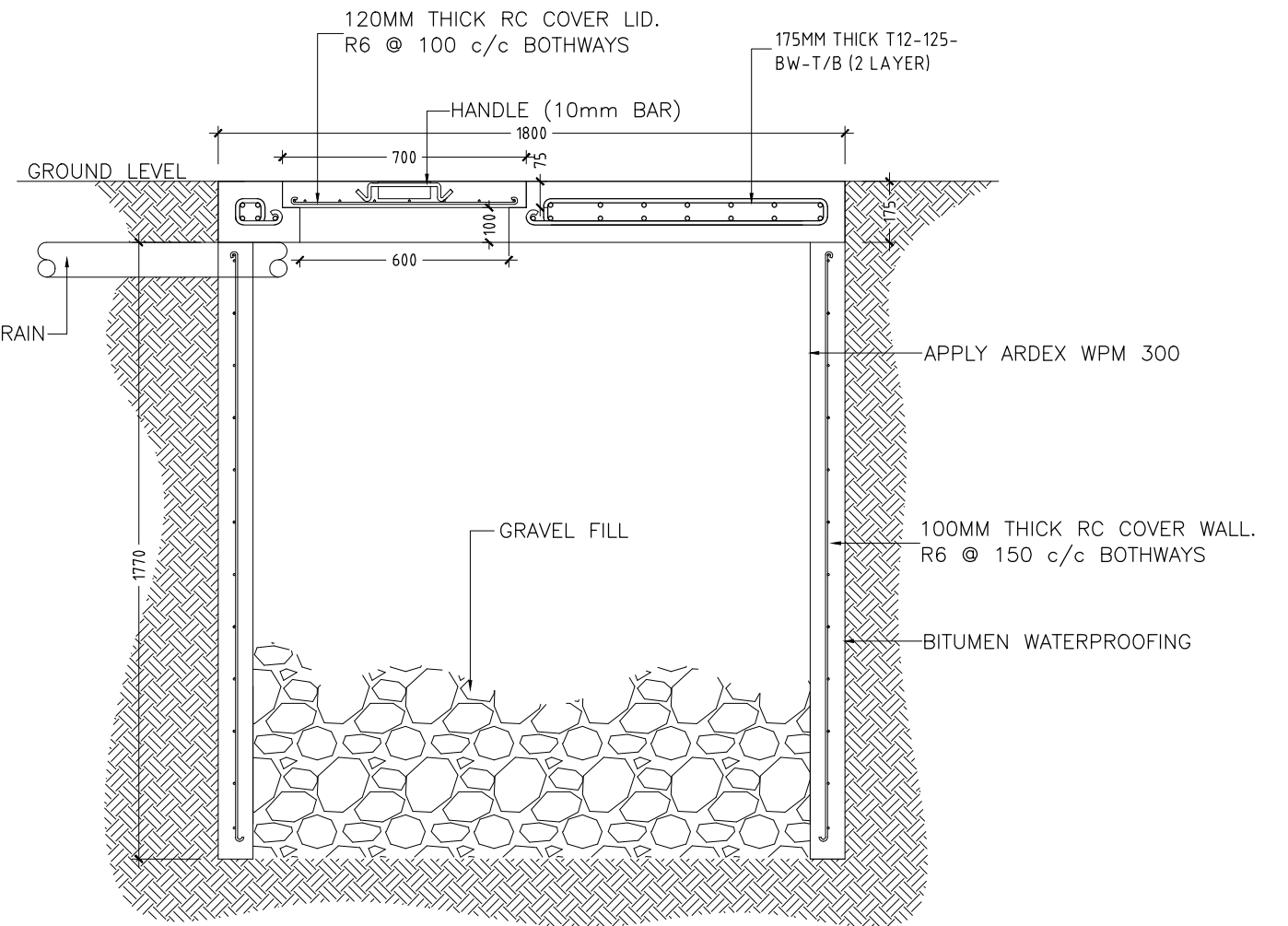
P-05
DWG NO

PROJECT NO.: 13-080

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



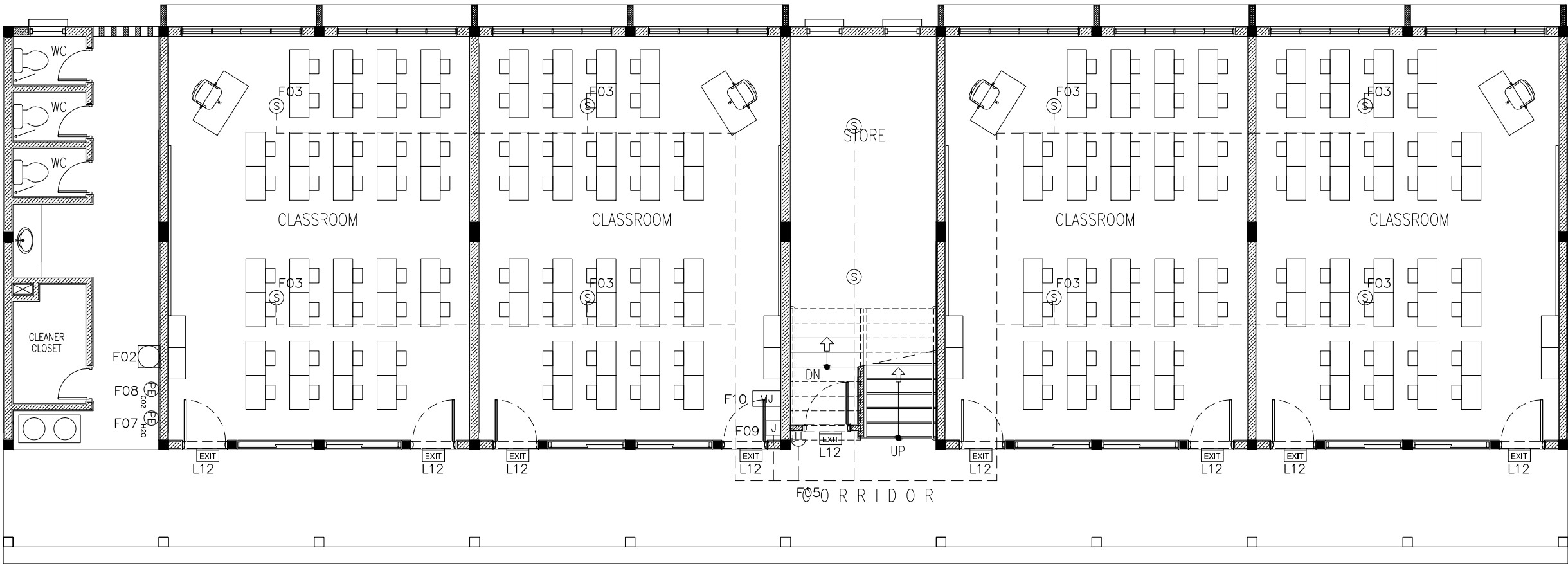
DETAIL A/ SECTION A-A OF SOAK PIT TANK
SCALE 1 : 20

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

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

| | | | |
|-----------|---------------------------|--|---------------------|
| REVISION: | ARCHITECT: MOHAMED HAMEEN | PROJECT: 10 CLASSROOM BLOCK AT HAJIHAVANDHOO | P-06 |
| | ENGINEER: - | LOCATION: | |
| | SERVICES ENG: | DRAWING TITLE: AS GIVEN | |
| | ESTIMATOR: | CLIENT: | |
| | DRAWN BY: SHAMHAD | SCALE: AS GIVEN | DWG NO |
| | | DIMENSION: MM | PROJECT NO.: 13-080 |
| | | DATE: NOVEMBER 2014 | |

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



LEGEND

| SYMBOL | CODE | DESCRIPTION |
|--------|------|-------------------------------|
| | F02 | BREAK GLASS MANUAL CALL POINT |
| | F03 | SMOKE DETECTOR |
| | F05 | FIRE ALARM BELL |
| | F07 | PORTABLE EXTINGUISHER (H2O) |
| | F08 | PORTABLE EXTINGUISHER (CO2) |
| | F09 | JUNCTION BOX |
| | F10 | CONVENTIONAL FIRE ALARM PANEL |
| | L12 | EXIT SIGN |

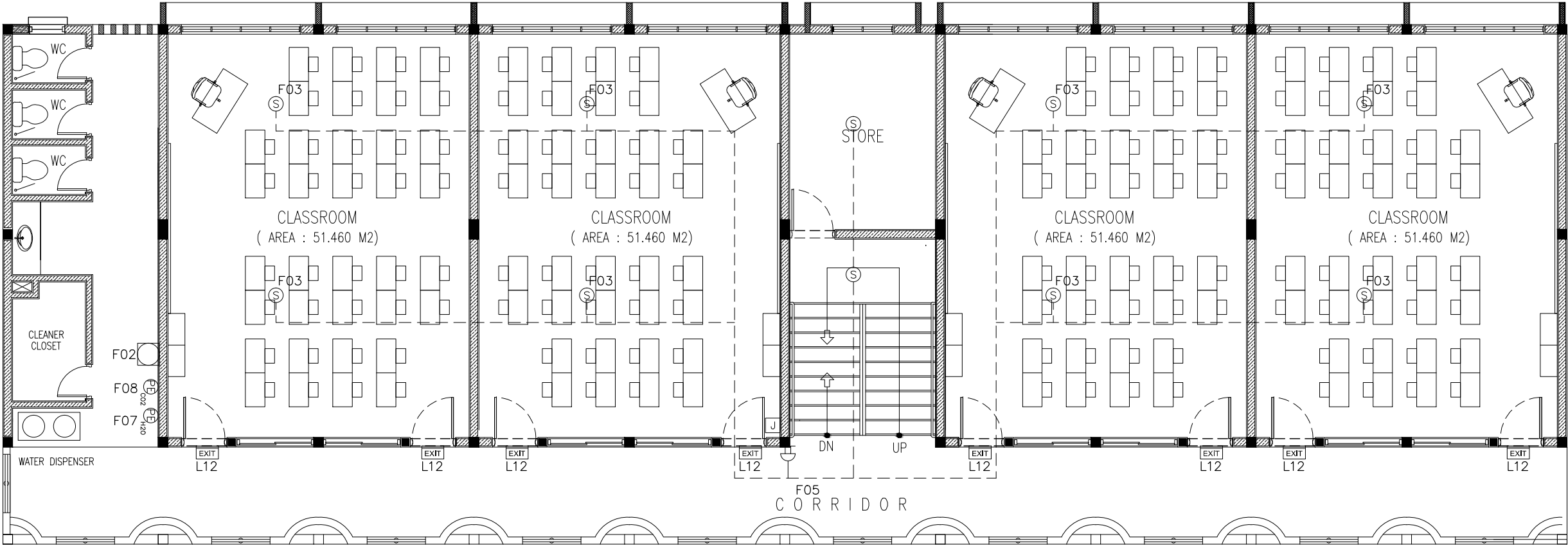
NOTE: ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUITE

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



GROUND FLOOR FIRE SAFETY
PLAN
SCALE 1:100

| | | | | | | | | |
|-----------|--|----------------|--|-----------------|-------------------------------------|---------------------|--------|------|
| REVISION: | ARCHITECT: | MOHAMED HAMEEN | | PROJECT: | 10 CLASSROOM BLOCK AT HA.IHAVANDHOO | | | F-01 |
| | ENGINEER: | - | | LOCATION: | | | | |
| | SERVICES ENG: | | | DRAWING TITLE: | AS GIVEN | | | |
| | ESTIMATOR: | | | CLIENT: | | | | |
| | DRAWN BY: | SHAMHAD | | SCALE: AS GIVEN | DIMENSION: MM | DATE: NOVEMBER 2014 | DWG NO | |
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LEGEND

| SYMBOL | CODE | DESCRIPTION |
|--------|------|-------------------------------|
| | F02 | BREAK GLASS MANUAL CALL POINT |
| | F03 | SMOKE DETECTOR |
| | F05 | FIRE ALARM BELL |
| | F07 | PORTABLE EXTINGUISHER (H2O) |
| | F08 | PORTABLE EXTINGUISHER (CO2) |
| | F09 | JUNCTION BOX |
| | F10 | CONVENTIONAL FIRE ALARM PANEL |
| | L12 | EXIT SIGN |

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

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



| | | | | | | | | |
|---|---------------|----------------|--|-----------------|------------------------------------|---------------------|--|---------------------|
| REVISION: | ARCHITECT: | MOHAMED HAMEEN | | PROJECT: | 10 CLASSROOM BLOCK AT HAIHAVANDHOO | | | F-02 |
| | ENGINEER: | - | | LOCATION: | | | | |
| | SERVICES ENG: | | | DRAWING TITLE: | AS GIVEN | | | |
| | ESTIMATOR: | | | CLIENT: | | | | |
| | DRAWN BY: | SHAMHAD | | SCALE: AS GIVEN | DIMENSION: MM | DATE: NOVEMBER 2014 | | |
| 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.: 13-080 |

1ST-2ND FLOOR FIRE SAFETY
PLAN
SCALE 1:100