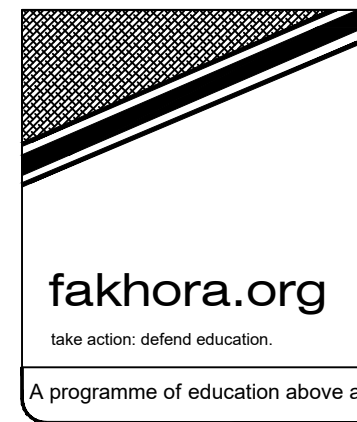


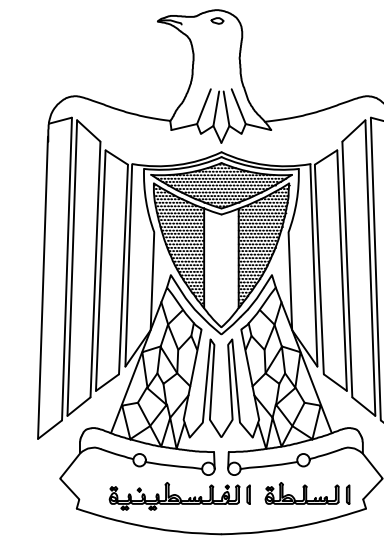


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United Nations Development Programme
Programme of Assistance the Palestinian People



EDUCATION ABOVE ALL
Al Fakhoora Programme



PALESTINIAN NATIONAL AUTHORITY

Project Name

COMPLETE DESIGN FOR THE EXTENSION
OF FIVE PARTIALLY DAMAGED SCHOOLS IN GAZA STRIP

School name

Al Motanaby Primary Boys School

2016

Architectural Drawings

List Of Drawings

Architectural Drawings

Drawing Number	Drawing Name
A(01/7)	Site Plan
A(02/7)	Doors and Windows Tables
A(03/7)	Ground Floor Plan&FIRST FLOOR PLAN
A(04/7)	Seconed Floor Plan&Roof FLOOR PLAN
A(05/7)	ELEVATION (1,2)
A(06/7)	ELEVATION (3 & 4)
A(07/7)	SECTION A-A,SECTION B_B &SECTION D_D

Architectural Details Drawings

Drawing Number	Drawing Name
AD(01/26)	Class Room Plan
AD(02/26)	Class Room Internal Elevations
AD(03/26)	Section A-A
AD(04/26)	Details (1)
AD(05/26)	Details (2)
AD(06/26)	Details (3)
AD(07/26)	Details (4)
AD(08/26)	Details (5)
AD(09/26)	Details (1/5)
AD(10/26)	Details (2/5)
AD(11/26)	Details (3/5)
AD(12/26)	Details (4/5)
AD(13/26)	Details (6)
AD(14/26)	Details (1/6)
AD(15/26)	Details (2/6)
AD(16/26)	Details (3/6)
AD(17/26)	Detail At Stair
AD(18/26)	Section 1-1
AD(19/26)	Rubbing Rail Details
AD(20/26)	Metal Door Details
AD(21/26)	Windows Details
AD(22/26)	Gas Room Details
AD(23/26)	Lab & Preperation Room Tables Details
AD(24/26)	Student Table Lab & Steel Window Protection
AD(25/26)	Expanded Sliding Wire mesh Details
AD(26/26)	Expanded Wire mesh Handrail Details

Civil Darwings

Drawing Number	Drawing Name
S(01/12)	List of Drawings General Notes
S(02/12)	Columns Axes Foundation Reinforcement
S(03/12)	Foundation Details
S(04/12)	Ground Beams
S(05/12)	Columns Reinforcement
S(06/12)	First Slab
S(07/12)	First Slab Beams
S(08/12)	Second Slab
S(09/12)	Second Slab Beams
S(10/12)	Third Slab
S(11/12)	Third Slab Beams
S(12/12)	Stair Reinforcement

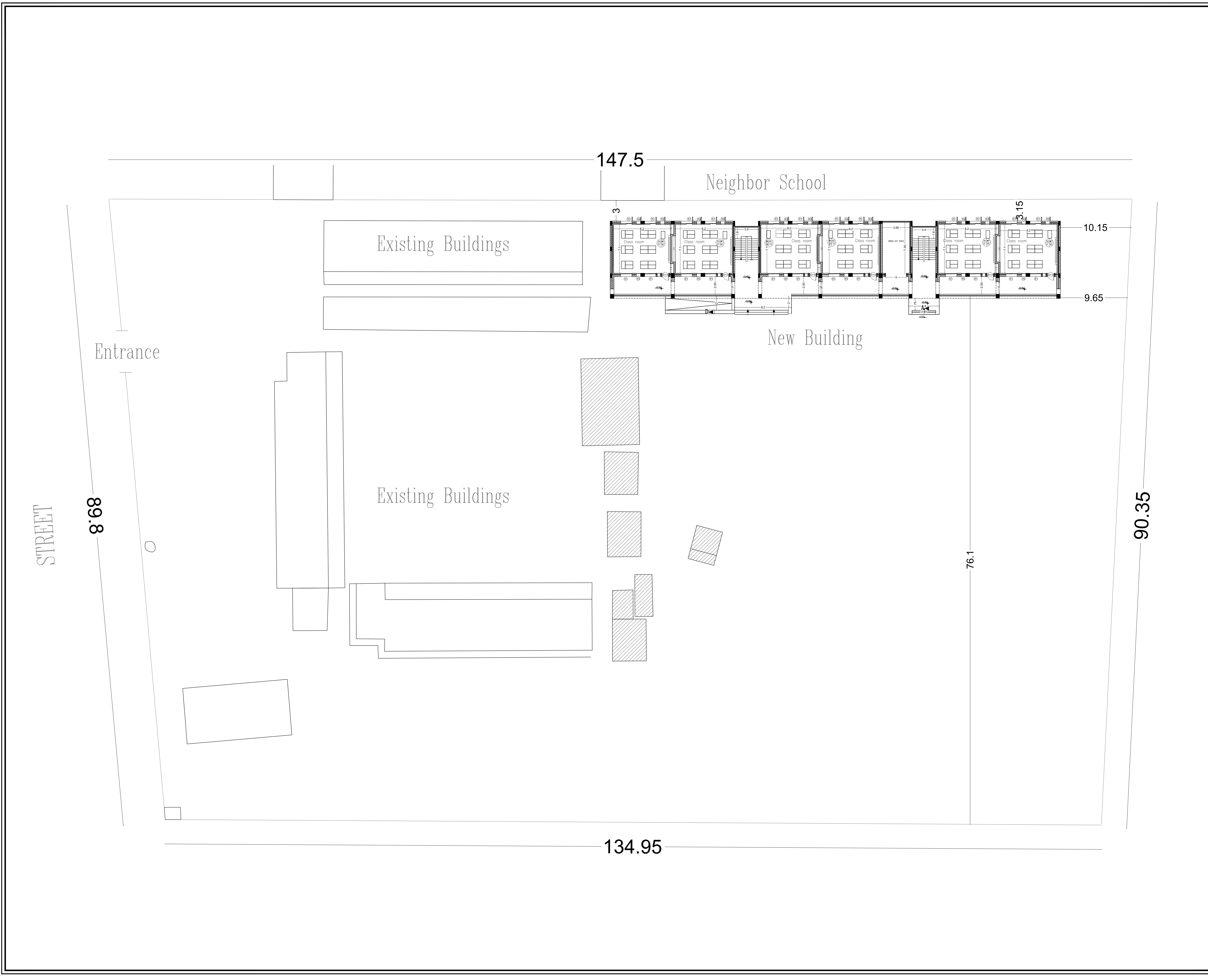
Electrical Drawings

Drawing Number	Drawing Name
E(01/09)	Legend
E(02/09)	Cables Routing Layout
E(03/09)	ELECTRICAL FEEDER & EARTHING SYSTEM
E(04/09)	Ground FLOOR PLAN LIGHTING,POWER AND DATA DRAWINGS
E(05/09)	FIRST FLOOR PLAN LIGHTING AND POWER DRAWINGS
E(06/09)	SECOND FLOOR PLAN LIGHTING AND POWER AND DRAWINGS
E(07/09)	ROOF PLAN LIGHTING AND POWER DRAWINGS
E(08/09)	DISTRIBUTION BOARDS SINGLE LINE DIAGRAM
E(09/09)	MAIN DISTRIBUTION BOARDS SINGLE LINE DIAGRAM

Mechanical Drawings

Drawing Number	Drawing Name
M(01/09)	Site Plan _Drainage Plan
M(02/09)	Ground Floor _Drainage And Water Plan
M(03/09)	Ground Floor_Gas Plan Roof Floor_Water Supply Plan
M(04/09)	First And Roof Floor_Drainage Plan
M(05/09)	Lap Room_Drainage Plan
M(06/09)	Lap Room_Gas Plan
M(07/09)	Details(1)
M(08/09)	Details(2)
M(09/09)	STORM WATER PERCOLATION PIT DETAIL Grit Removal Chamber DETAIL

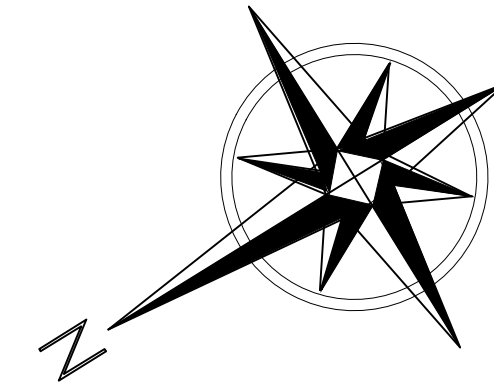
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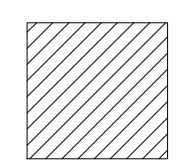




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NOTES :-



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IN COOPERATION WITH:



Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

Site PLAN

Scale

Drawing No.

A 01

Doors Table

Door No.	Structural Opening		Switch Type	Description
	Height	Width		
Dm1	2.52m	1.00m	Union Switch	Multi Lock Door Single Leaf
DS1	2.52m	1.00m	Union Switch	Galvanised Steel Door ,Single Leafe

Windows Table

Win. No	Structural Opening		Description
	Height	Width	
W1	1.47m	1.60m	Double Glazed Sliding Aluminum Windows (Two Leaves) 4 mm glass 4 mm space, 4 mm glass
W2	1.47m	0.60m	Double Glazed Hinged And Fixed Aluminium Windows (Two Leaves) 4mm Glass,4mm space,4mm glass



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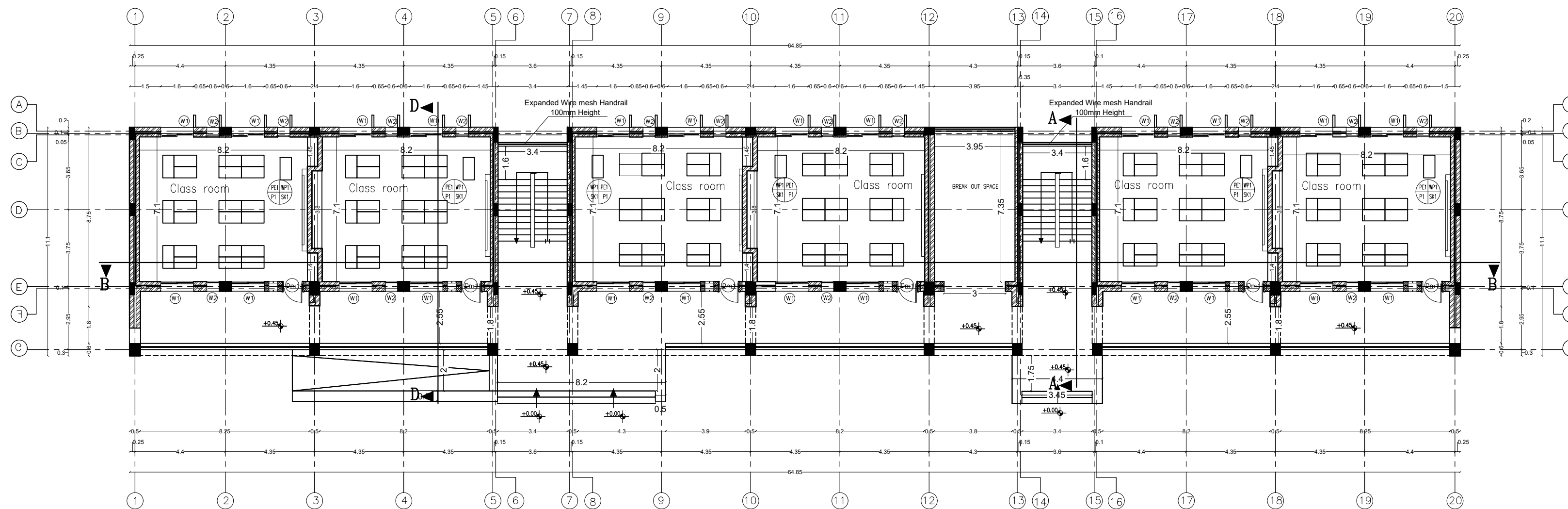
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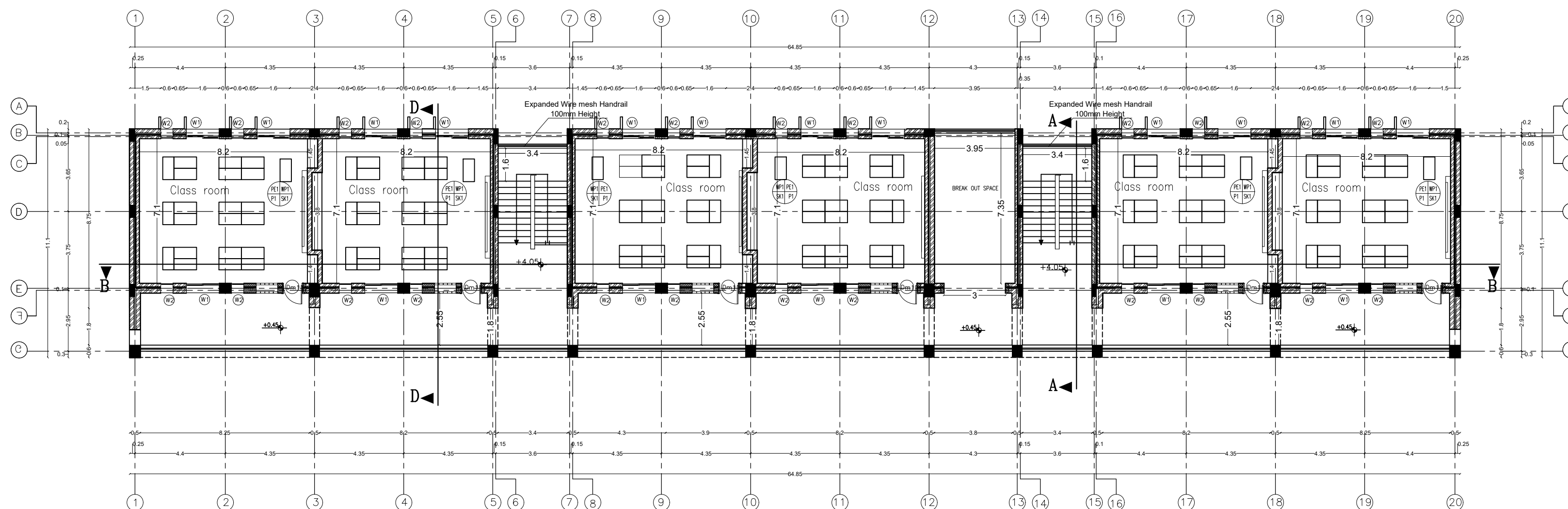
IN COOPERATION WITH:



Project Name	
RIGHT TO EDUCATION	
School name	
Al Motanaby Primary Boys School	
Drawing name	
Doors and Windows Tables	
Scale	Drawing No.
.	A 02



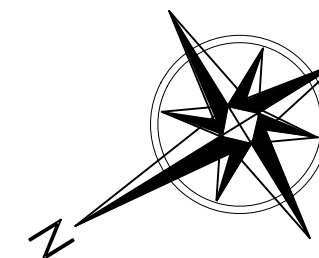
GROUND FLOOR PLAN



FIRST FLOOR PLAN

NOTES :-

- PE1 = PLASTER & EMULSION PAINT (CEILING)
- WP1 = PLASTER & EMULSION PAINT (WALLS)
- P1 = PORCELAIN TILE SIZE 40X40X0.8CM
- SK1 = PORCELAIN SKIRTING 1X7CM HIGH
- WP2 = CERAMIC WALL TILES UP TO LINTEL LEVEL & PLASTER AND EMULSION PAINT (WALLS)
- P2 = NONNE SLIP CERAMIC FLOOR TILES
- FFL(+0.00) IS THE FINISHED FLOOR LEVEL INDICATED IN THE SITE LAYOUT DRAWING.
- C1-ROUGH CONCRETE FINISH



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Project Name
RIGHT TO EDUCATION

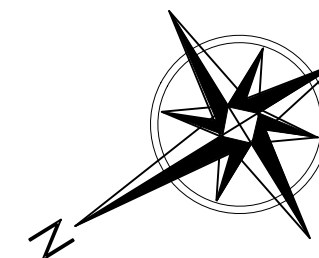
School name
Al Motanaby Primary Boys School

Drawing name
GROUND FLOOR PLAN
&FIRST FLOOR PLAN

Scale
Drawing No.
A 03

NOTES :-

- PE1 = PLASTER & EMULSION PAINT (CEILING)
- WP1 = PLASTER & EMULSION PAINT (WALLS)
- P1 = PORCELAIN TILE SIZE 40X40X0.8CM
- SK1 = PORCELAIN SKIRTING 1X7CM HIGH
- WP2 = CERAMIC WALL TILES UP TO LINTEL LEVEL & PLASTER AND EMULSION PAINT (WALLS)
- P2 = NONNE SLIP CERAMIC FLOOR TILES
- FFL(+0.00) IS THE FINISHED FLOOR LEVEL INDICATED IN THE SITE LAYOUT DRAWING.
- C1-ROUGH CONCRETE FINISH



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IN COOPERATION WITH:

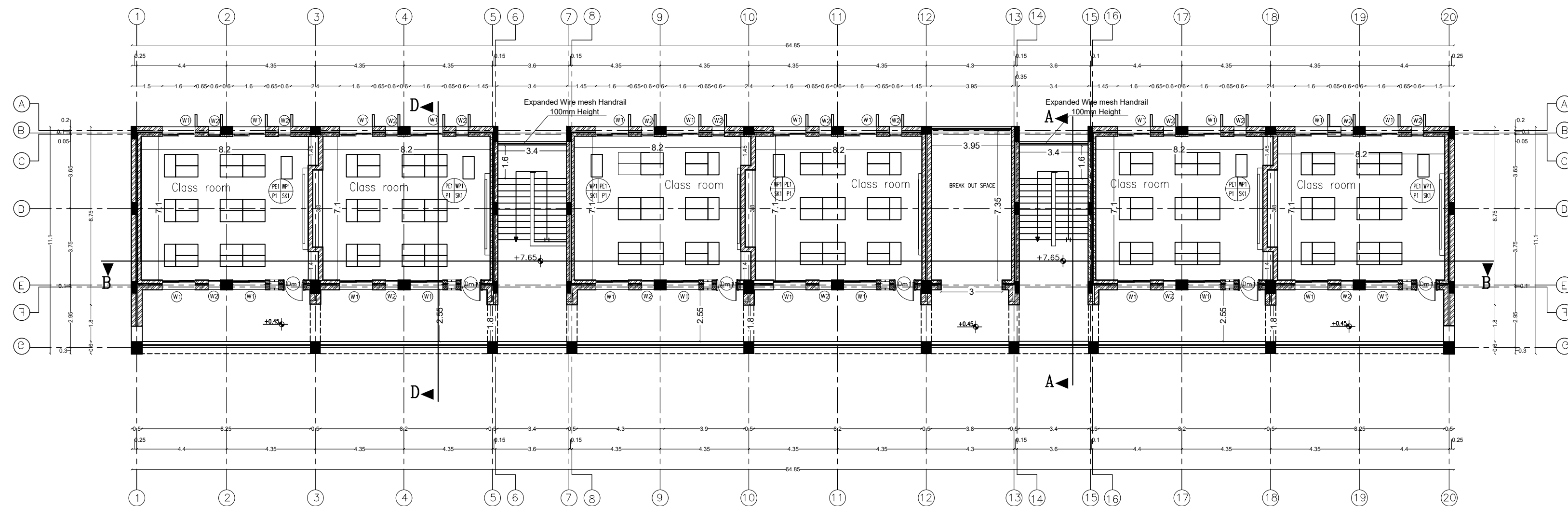


Project Name
RIGHT TO EDUCATION

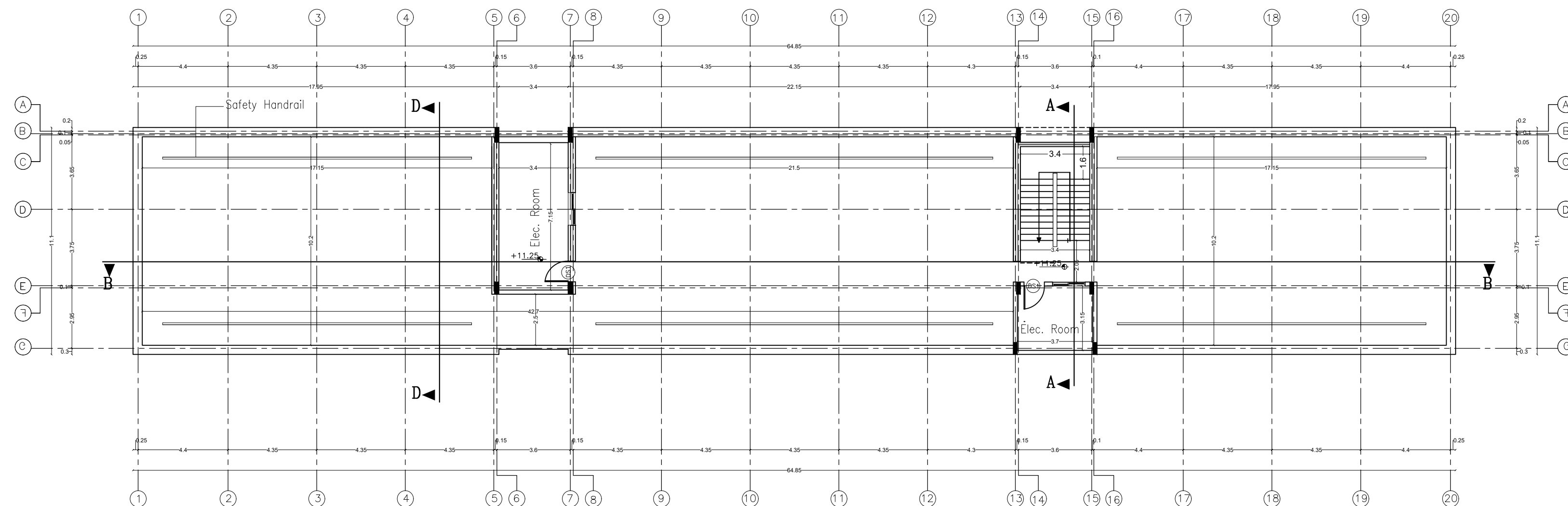
School name
Al Motanaby Primary Boys School

Drawing name
Second FLOOR PLAN
&Roof FLOOR PLAN

Scale
Drawing No.
A 04



SECOND FLOOR PLAN

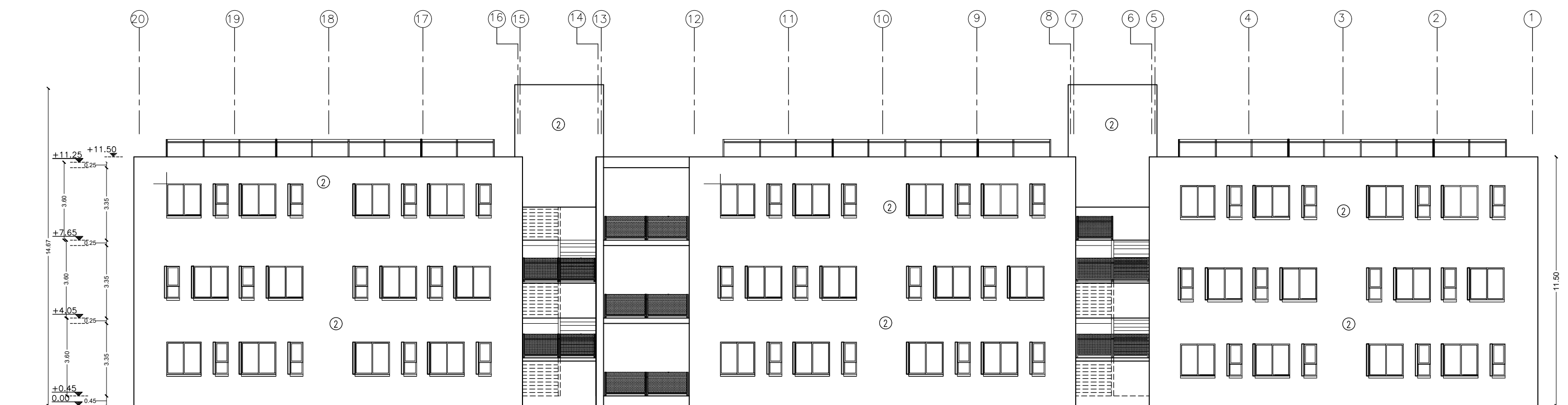


ROOF FLOOR PLAN



ELEVATION 1

SOUTH ELEVATION



ELEVATION 2

NORTH ELEVATION

NOTES :-

- ① ONE COAT BONDROL AND TWO COATS WITH SUPERCORYLE
- ② EXTERNAL PLASTER & TYROLEAN FINISH

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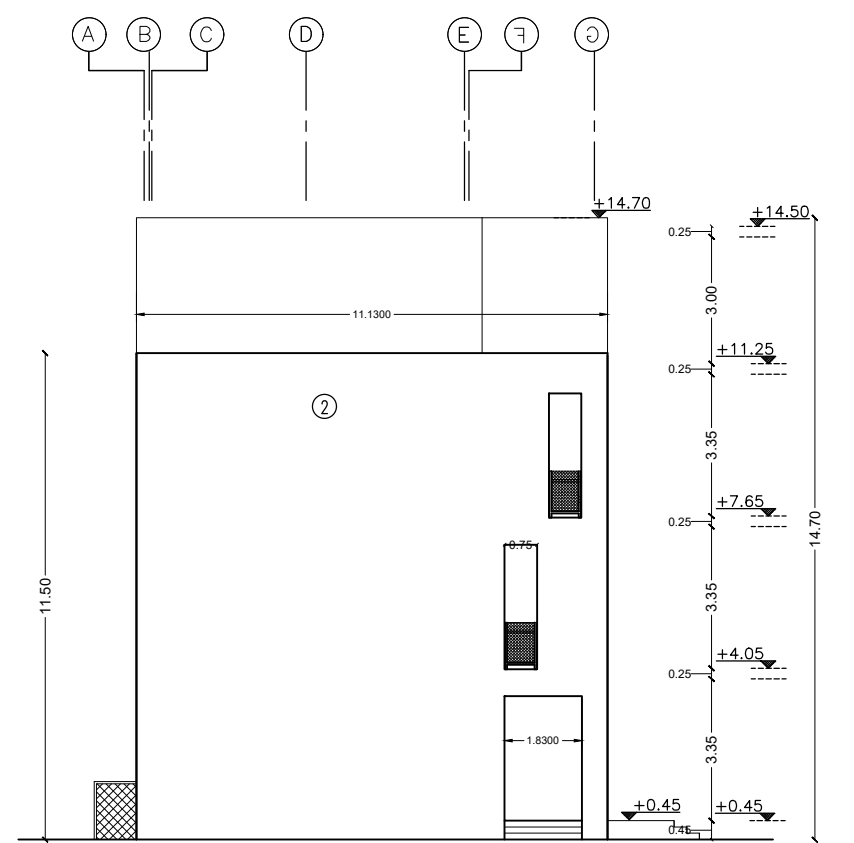
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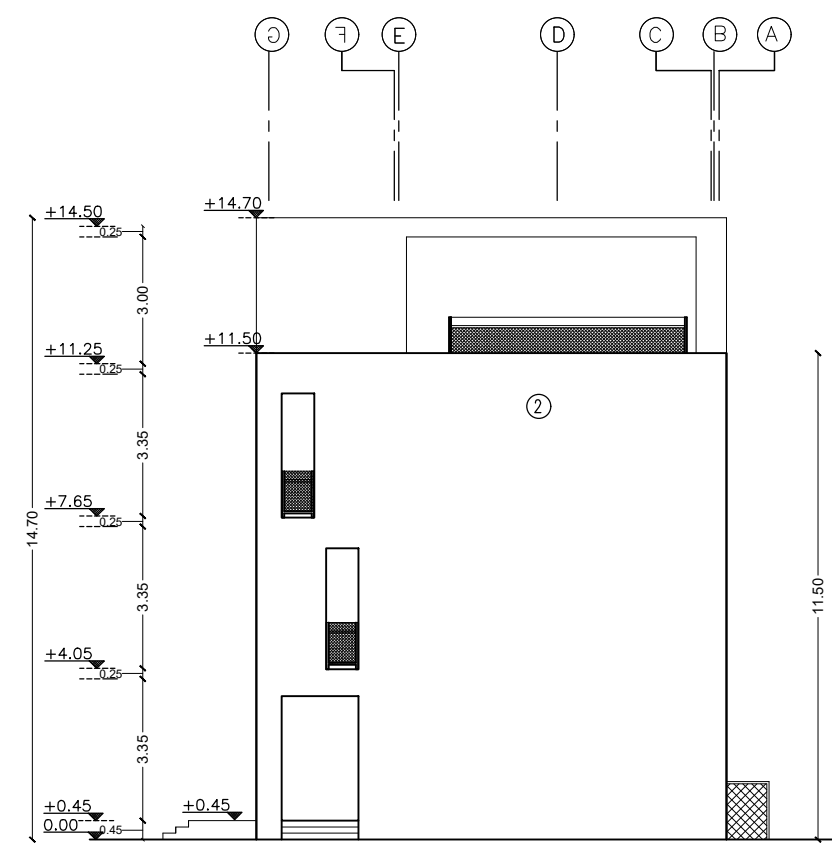
IN COOPERATION WITH:



Project Name RIGHT TO EDUCATION	
School name Al Motanaby Primary Boys School	
Drawing name ELEVATION (1,2)	
Scale	Drawing No. A 05



ELEVATION 3
SIDE ELEVATION



ELEVATION 4
SIDE ELEVATION

NOTES :-

- ① ONE COAT BONDROL AND TWO COATS WITH SUPERCRYLE
- ② EXTERNAL PLASTER & TYROLEAN FINISH

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EMPLEMENTED BY:



IN COOPERATION WITH:



Project Name	
RIGHT TO EDUCATION	
School name	
ELEVATION (3 & 4)	
Drawing name	
GROUND FLOOR PLAN & FIRST FLOOR PLAN	
Scale	Drawing No.
	A 06

NOTES :-

- ① ONE COAT BONDROL AND TWO COATS WITH SUPERCORYLE
- ② EXTERNAL PLASTER & TYROLEAN FINISH

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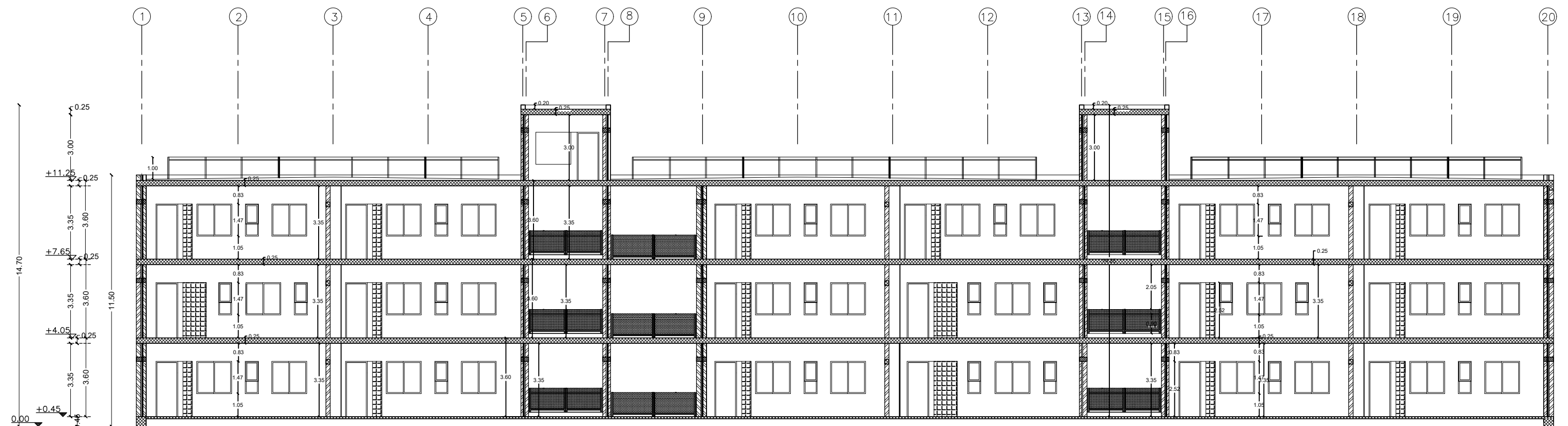
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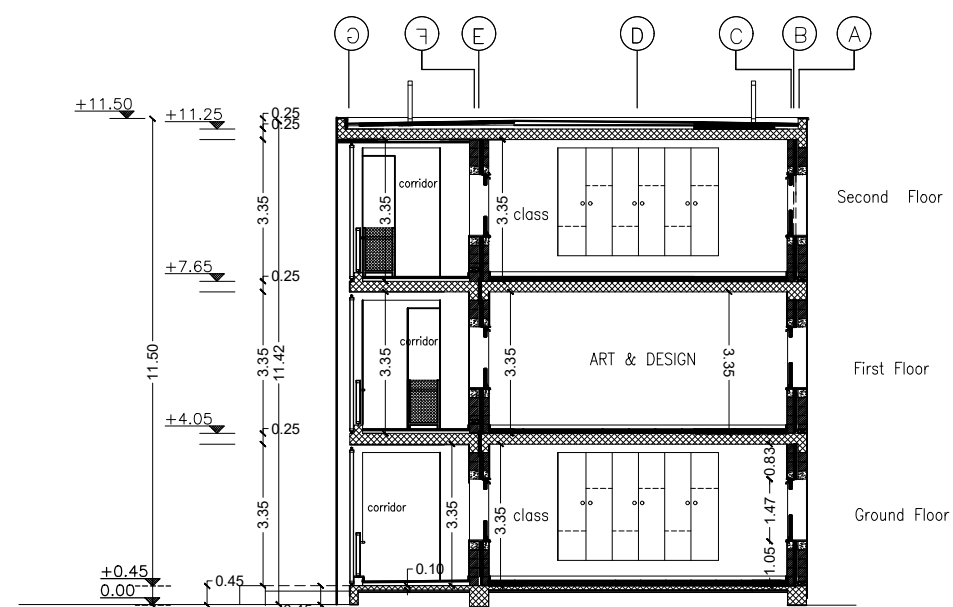
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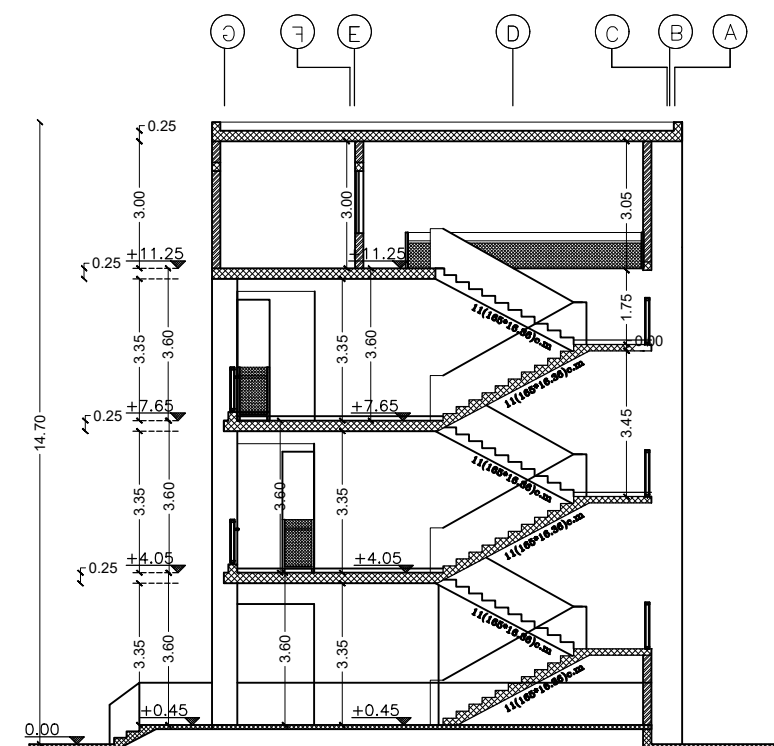
Project Name RIGHT TO EDUCATION	
School name Al Motanaby Primary Boys School	
Drawing name SECTION A-A SECTION B-B SECTION D-D	
Scale	Drawing No. A 07



SECTION B-B



SECTION D-D



SECTION A-A

Details Drawings



NOTES :-

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IN COOPERATION WITH:



Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

Class Room Plan

Scale
1:100

Drawing No.

AD (01)

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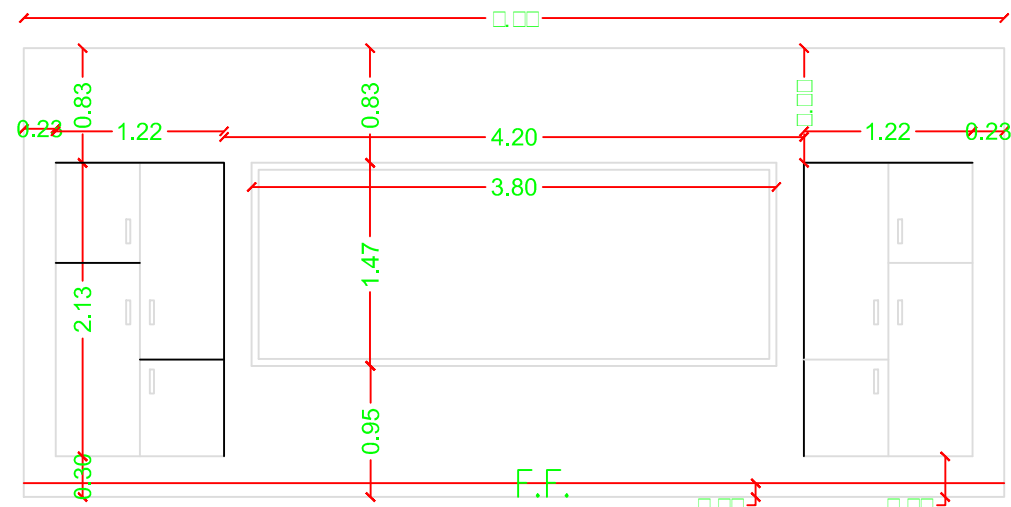
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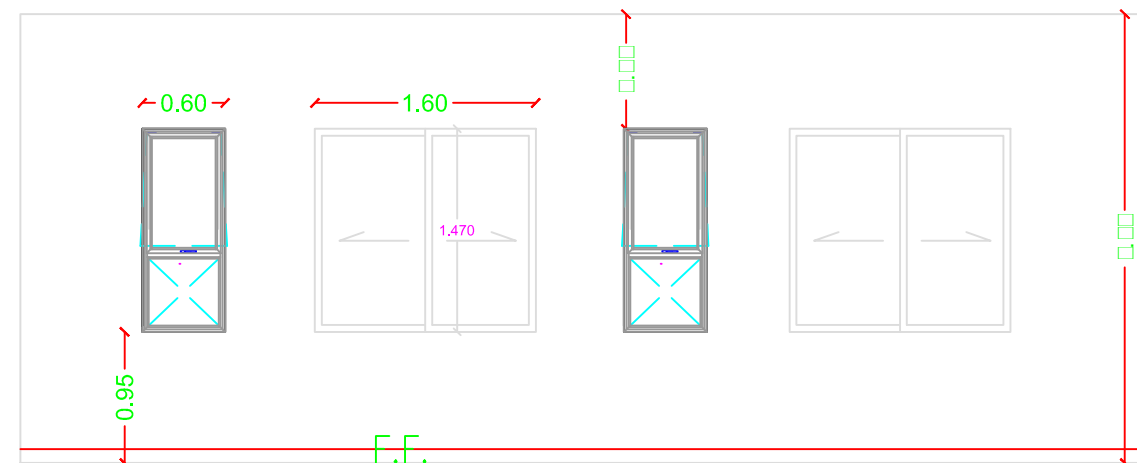
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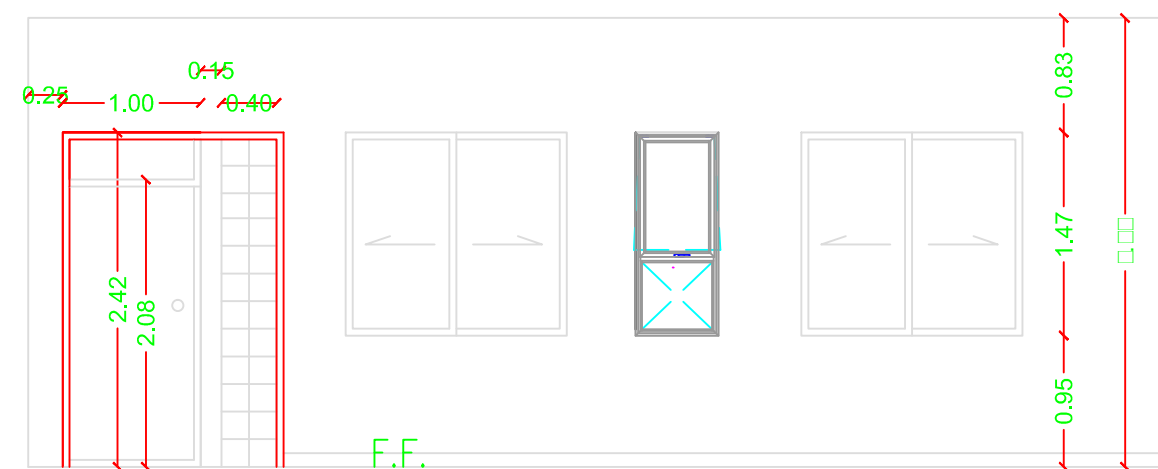
Project Name	
RIGHT TO EDUCATION	
School name	
Al Motanaby Primary Boys School	
Drawing name	
Class Room Internal Elevations	
Scale	Drawing No.
1:50	AD (02)



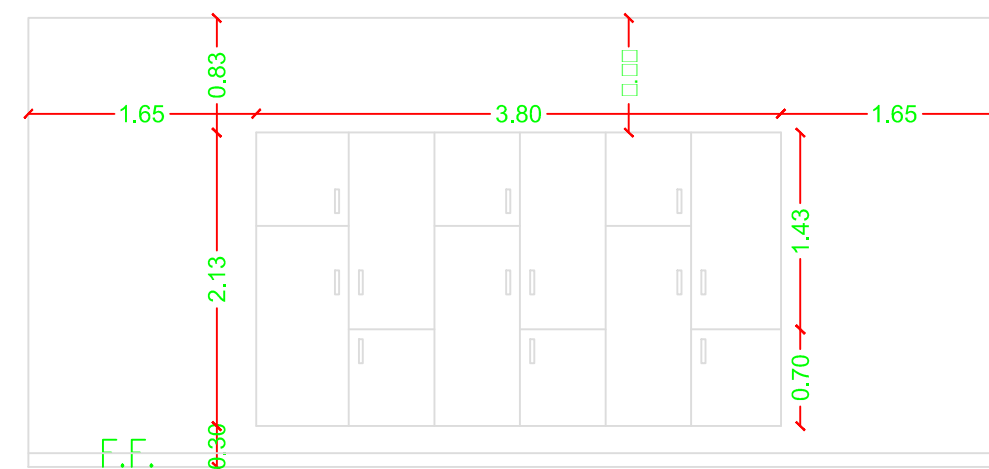
ELEVATION 3



ELEVATION 1



ELEVATION 4



ELEVATION 2

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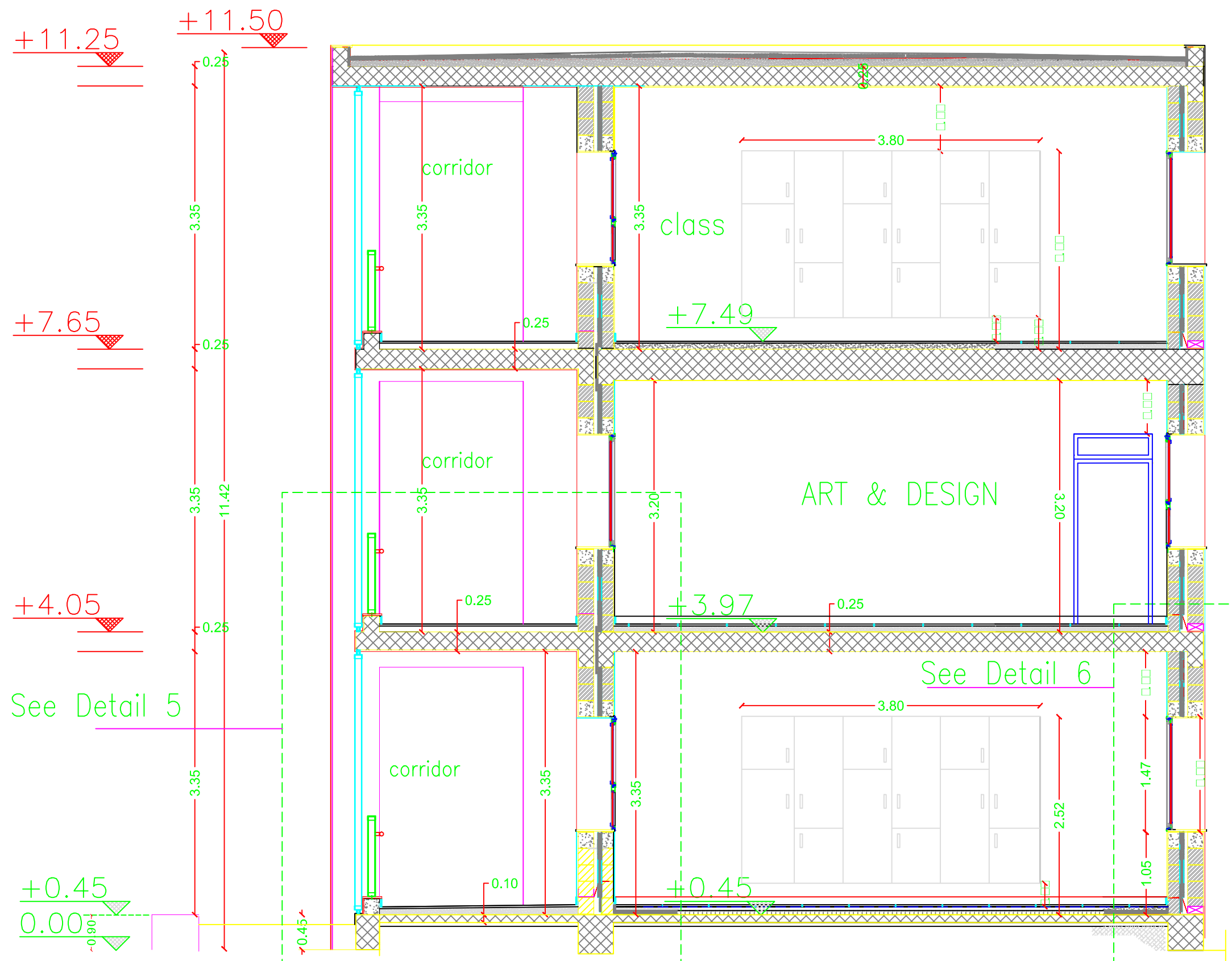
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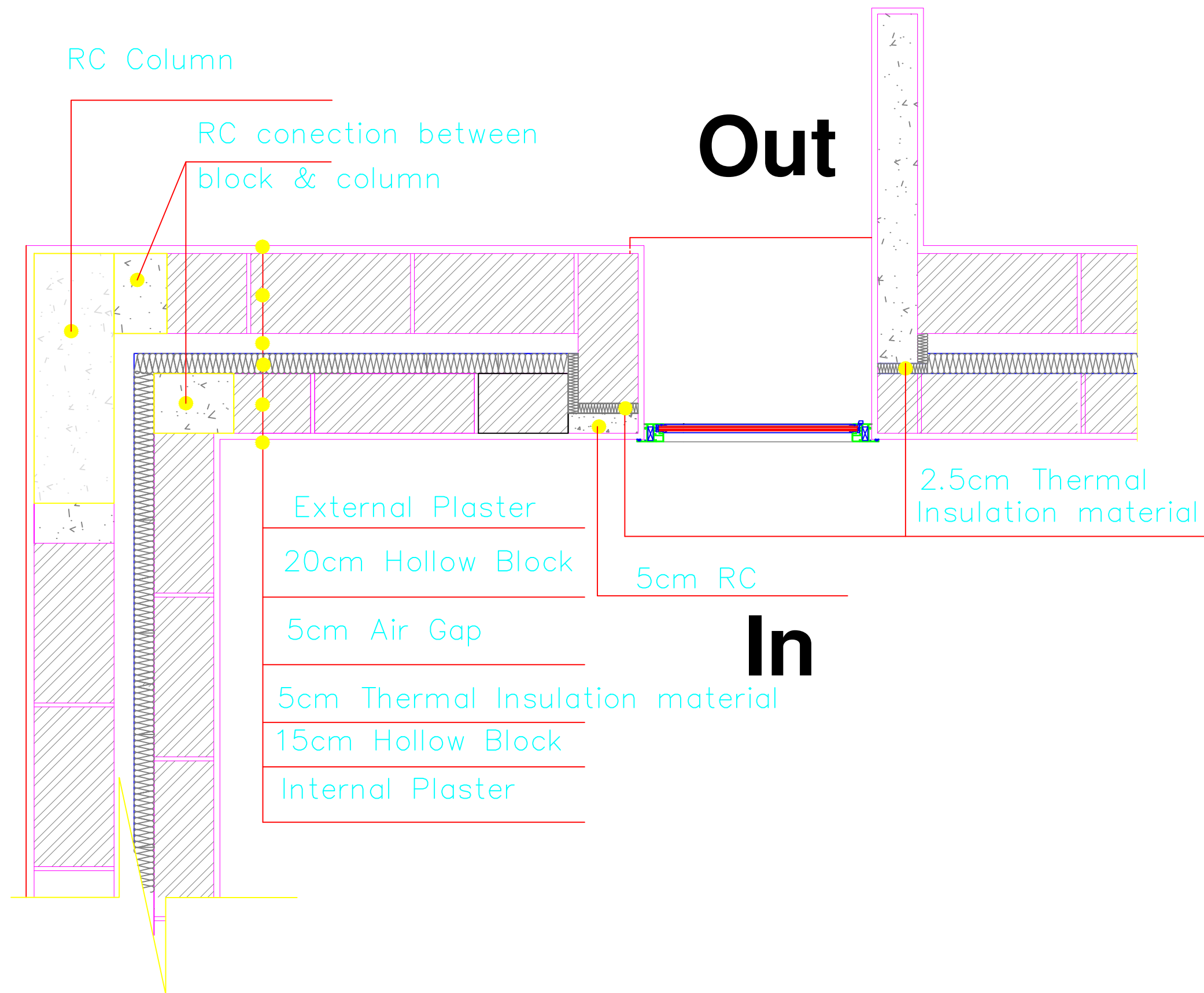
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IN COOPERATION WITH:



Project Name	RIGHT TO EDUCATION
School name	Al Motanaby Primary Boys School
Drawing name	Section A-A
Scale	Drawing No.
1:50	AD (03)





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IN COOPERATION WITH:



Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

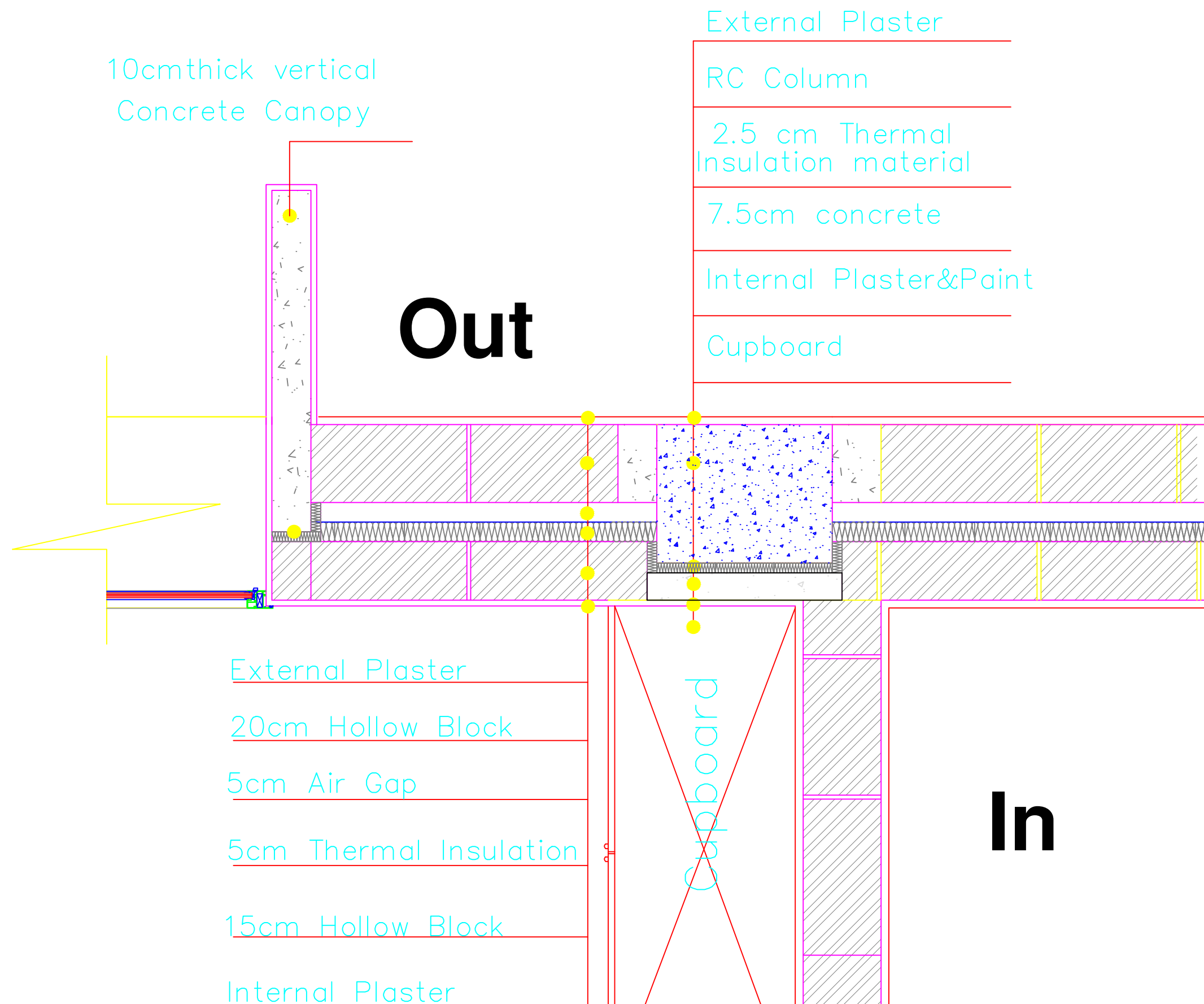
Details (1)

Scale

1:10

Drawing No.

AD (04)



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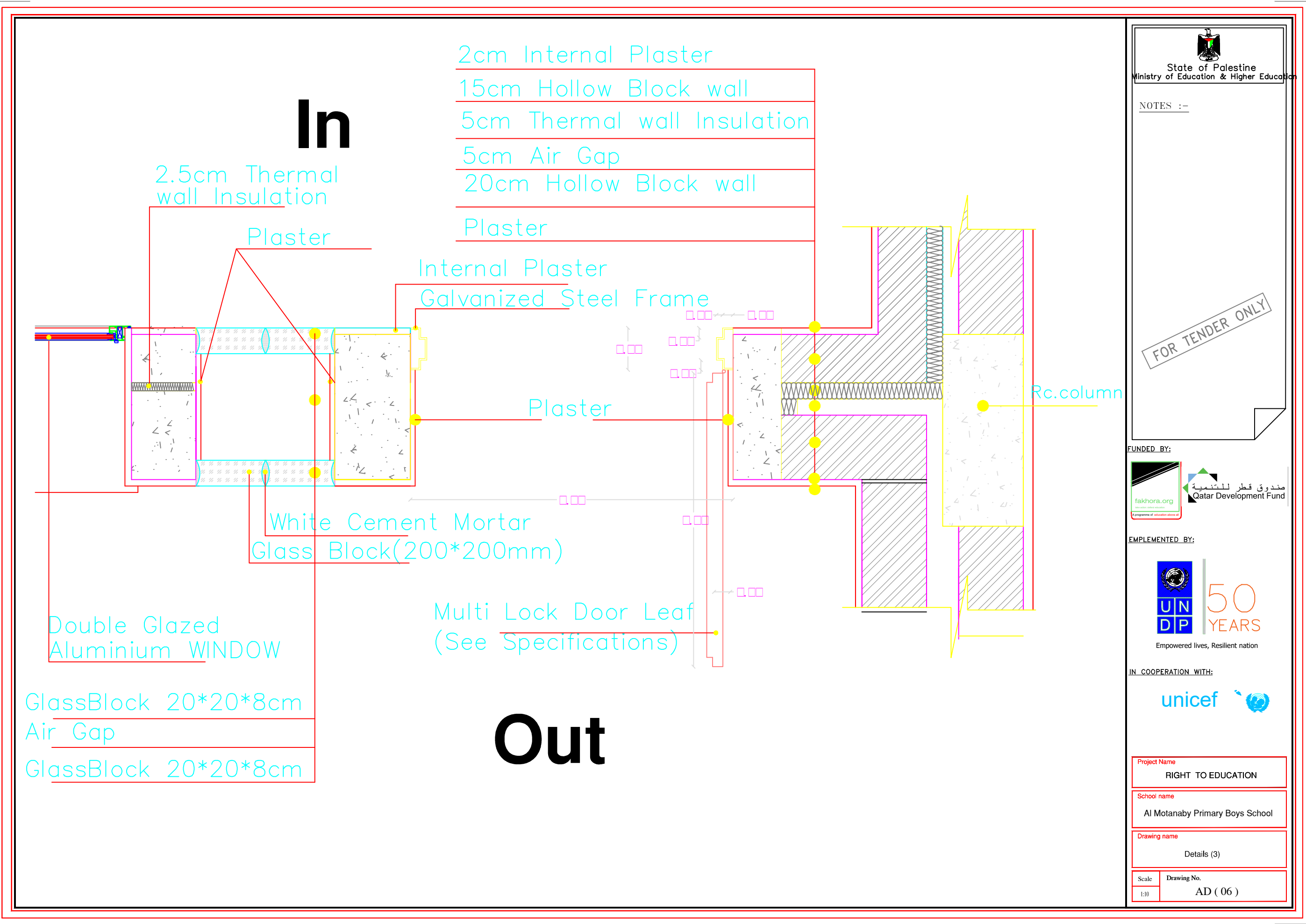
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YEARS

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IN COOPERATION WITH:



Project Name	
RIGHT TO EDUCATION	
School name	
Al Motanaby Primary Boys School	
Drawing name	
Details (2)	
Scale	Drawing No.
1:10	AD (05)



In

- 2cm Internal Plaster
- 15cm Hollow Block wall
- 5cm Thermal wall Insulation
- 5cm Air Gap
- 20cm Hollow Block wall
- Plaster

2.5cm Thermal wall Insulation

Plaster

Internal Plaster
Galvanized Steel Frame

Plaster

Rc.column

White Cement Mortar
Glass Block(200*200mm)

Multi Lock Door Leaf
(See Specifications)

Double Glazed
Aluminium WINDOW

GlassBlock 20*20*8cm
Air Gap
GlassBlock 20*20*8cm

Out



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IN COOPERATION WITH:



Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

Details (3)

Scale

1:10

Drawing No.

AD (06)

2cm Internal Plaster
Rc. Column
2.5cm Thermal wall Insulation
2.5cm Air Gap
Rc. Column

RC conection between
block & column

Air Gap

False coloumn

Detail 4

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IN COOPERATION WITH:



Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

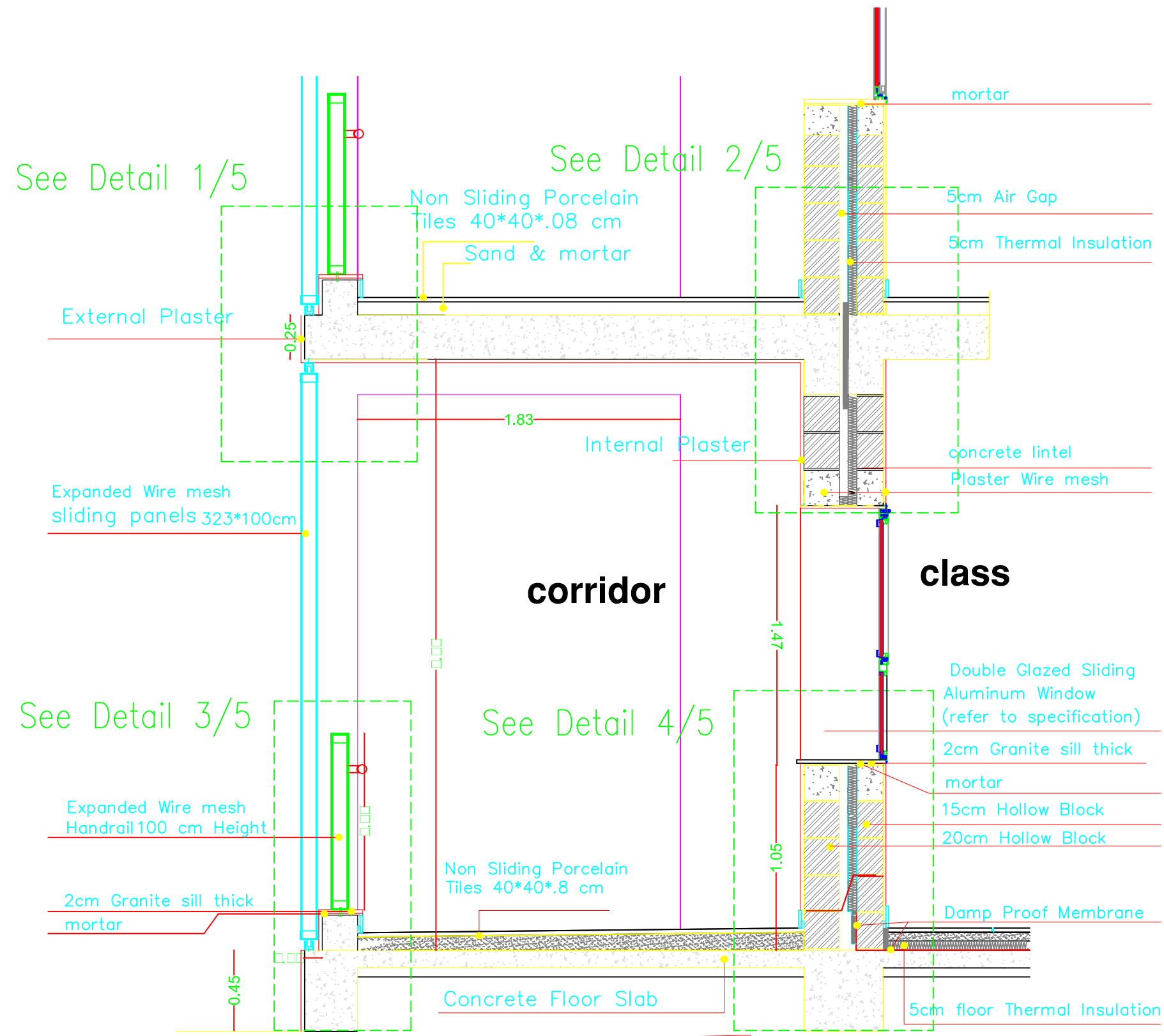
Details (4)

Scale

1:10

Drawing No.

AD (07)



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IN COOPERATION WITH:



Project Name	
RIGHT TO EDUCATION	
School name	
Al Motanaby Primary Boys School	
Drawing name	
Detail 5	
Scale	Drawing No.
1:25	AD (08)

NOTES :-

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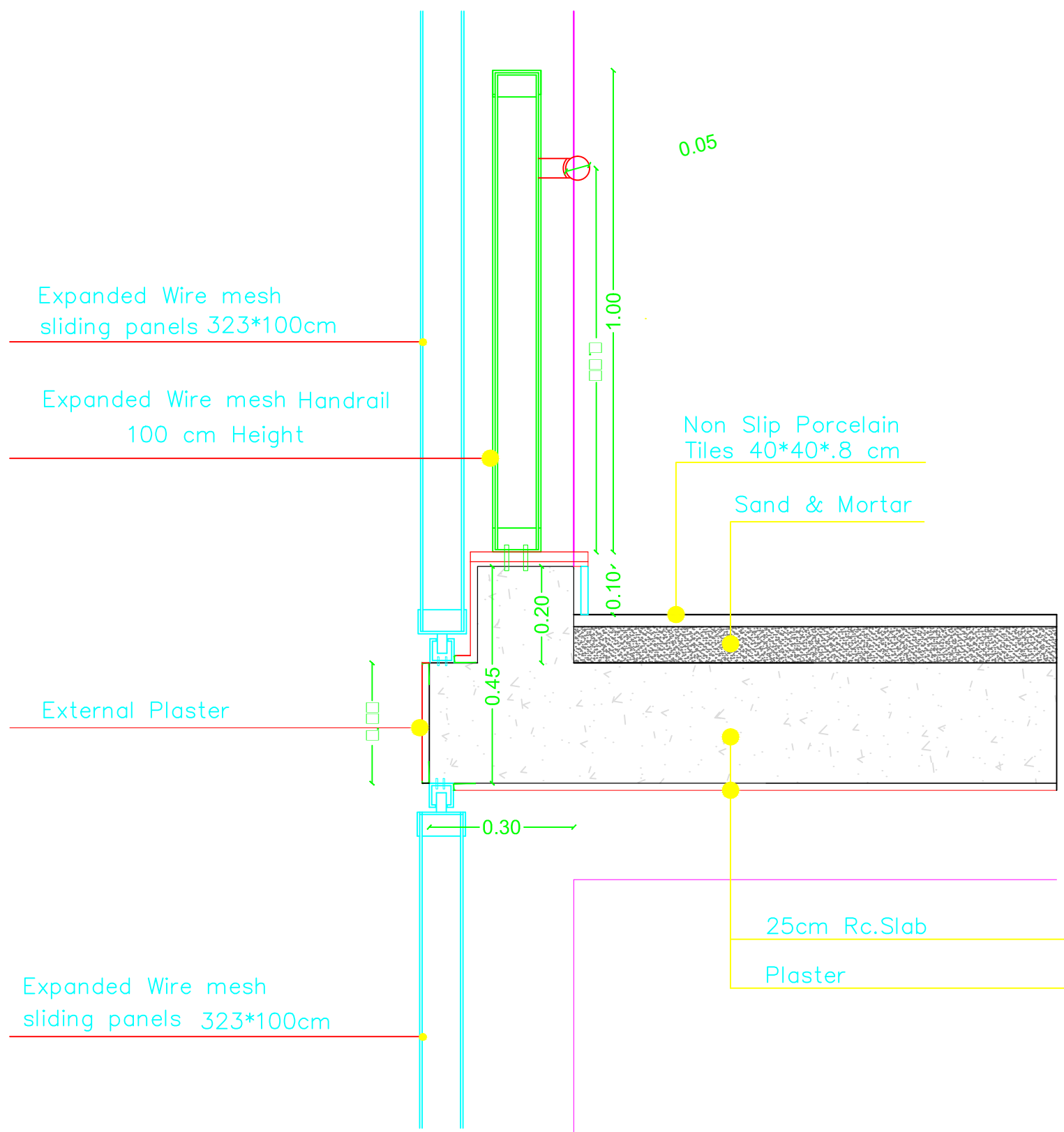
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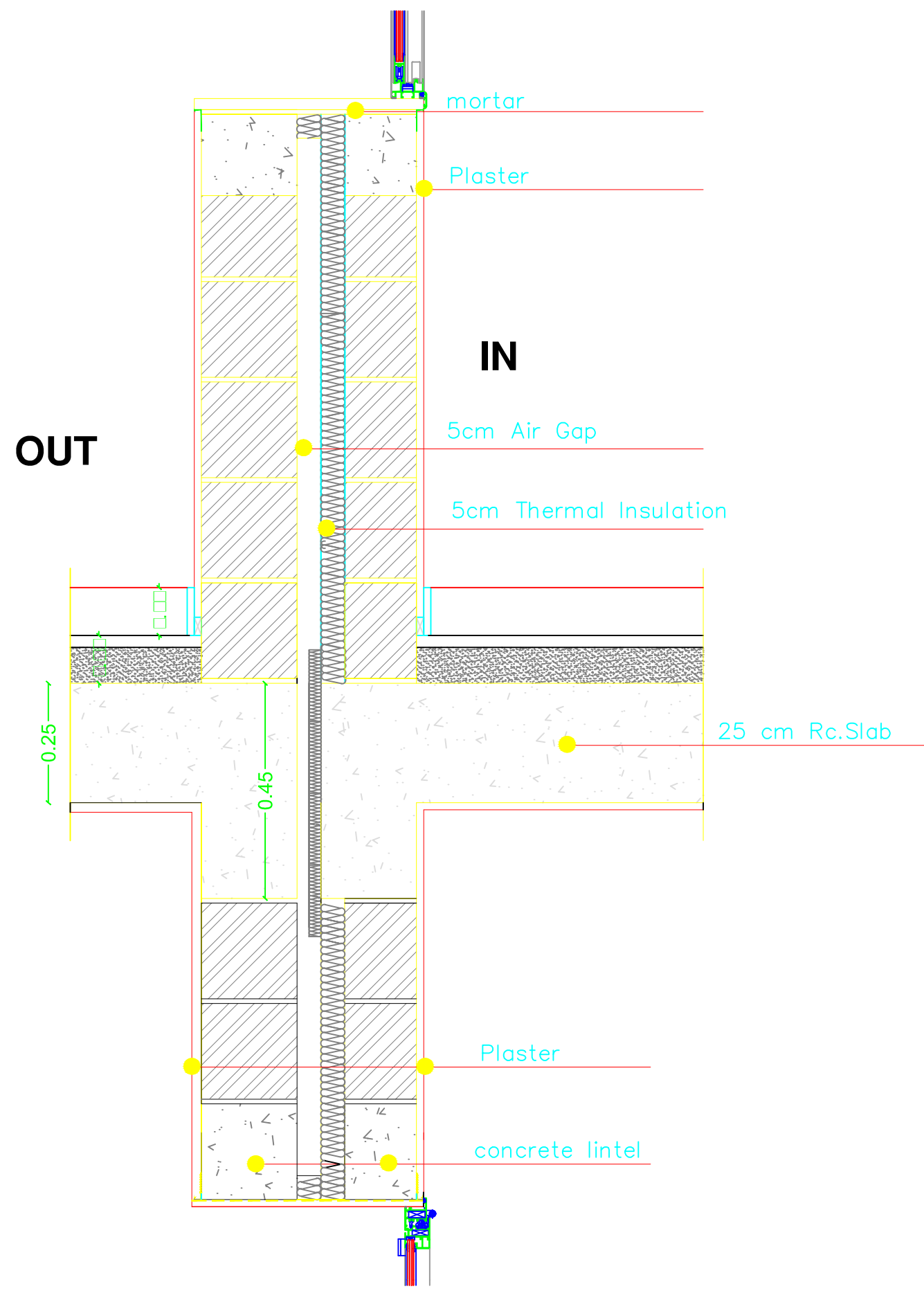
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IN COOPERATION WITH:



Project Name	RIGHT TO EDUCATION
School name	Al Motanaby Primary Boys School
Drawing name	Detail 1/5
Scale	Drawing No.
1:10	AD (09)







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IN COOPERATION WITH:



Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

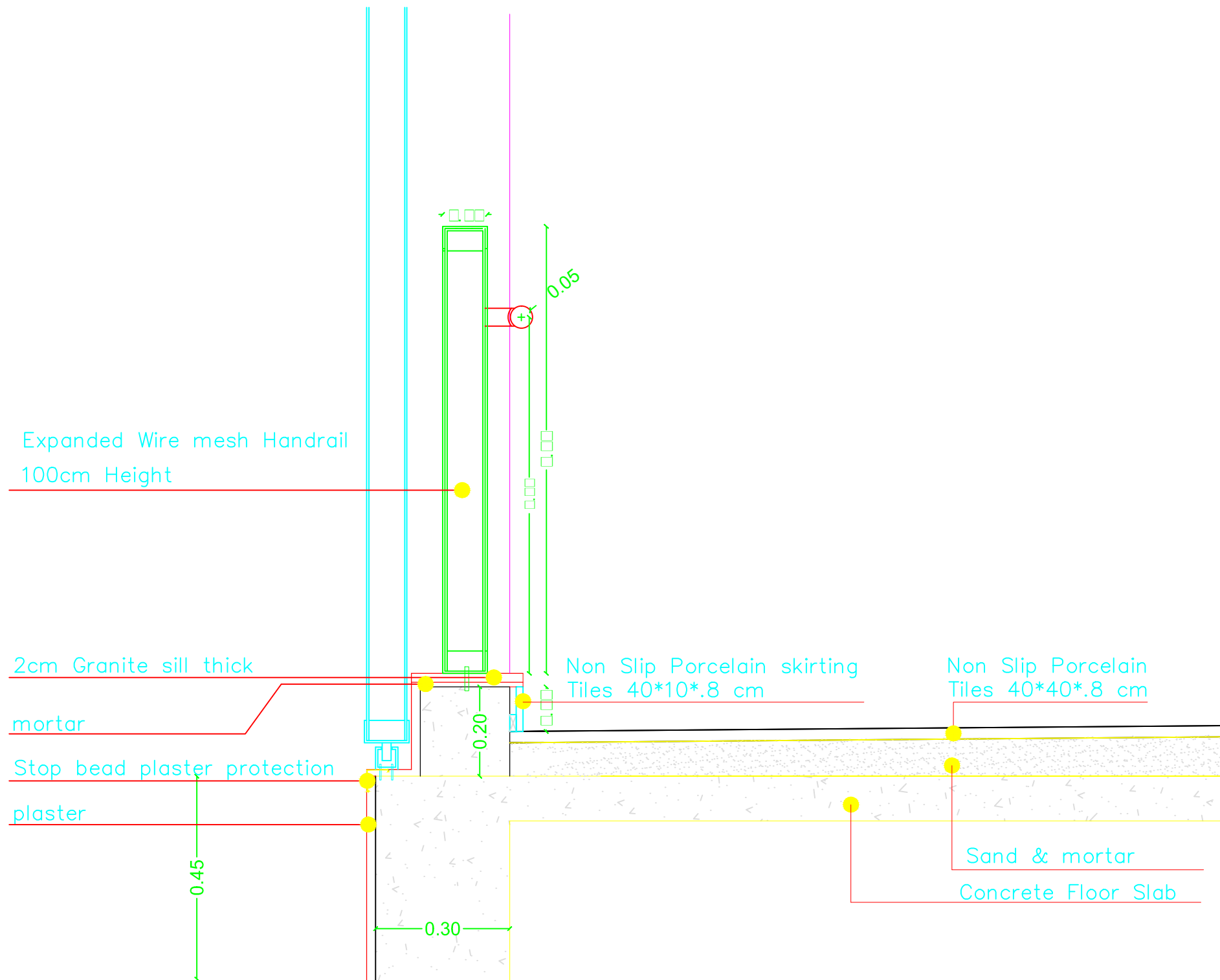
Detail 2/5

Scale

1:10

Drawing No.

AD (10)



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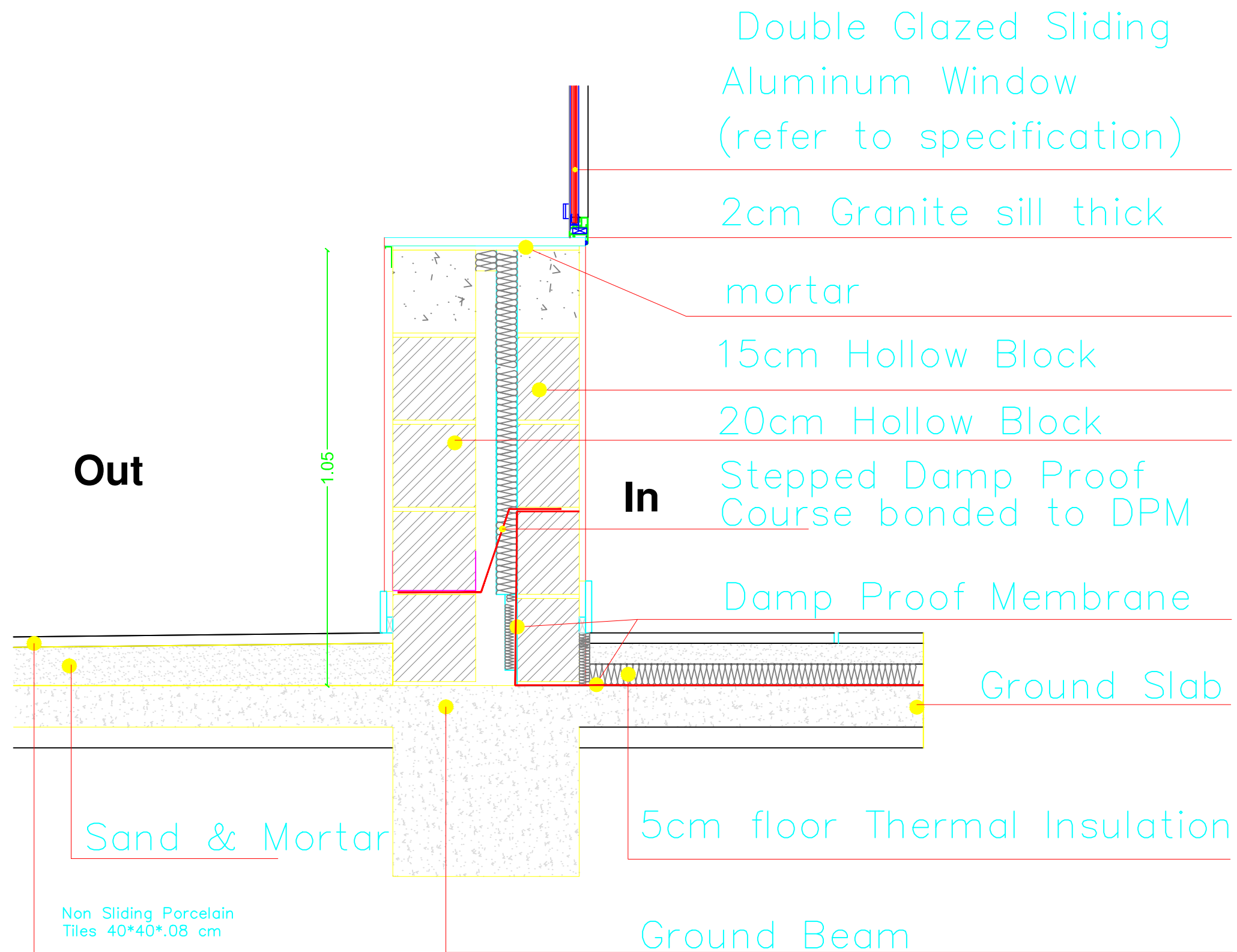
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YEARS

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IN COOPERATION WITH:



Project Name	RIGHT TO EDUCATION
School name	Al Motanaby Primary Boys School
Drawing name	Detail 3/5
Scale	Drawing No.
1:10	AD (11)



NOTES :-

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IN COOPERATION WITH:



Project Name	
RIGHT TO EDUCATION	
School name	
Al Motanaby Primary Boys School	
Drawing name	
Detail 4/5	
Scale	Drawing No.
1:10	AD (12)

NOTES :-

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Qatar Development Fund

EMPLEMENTED BY:



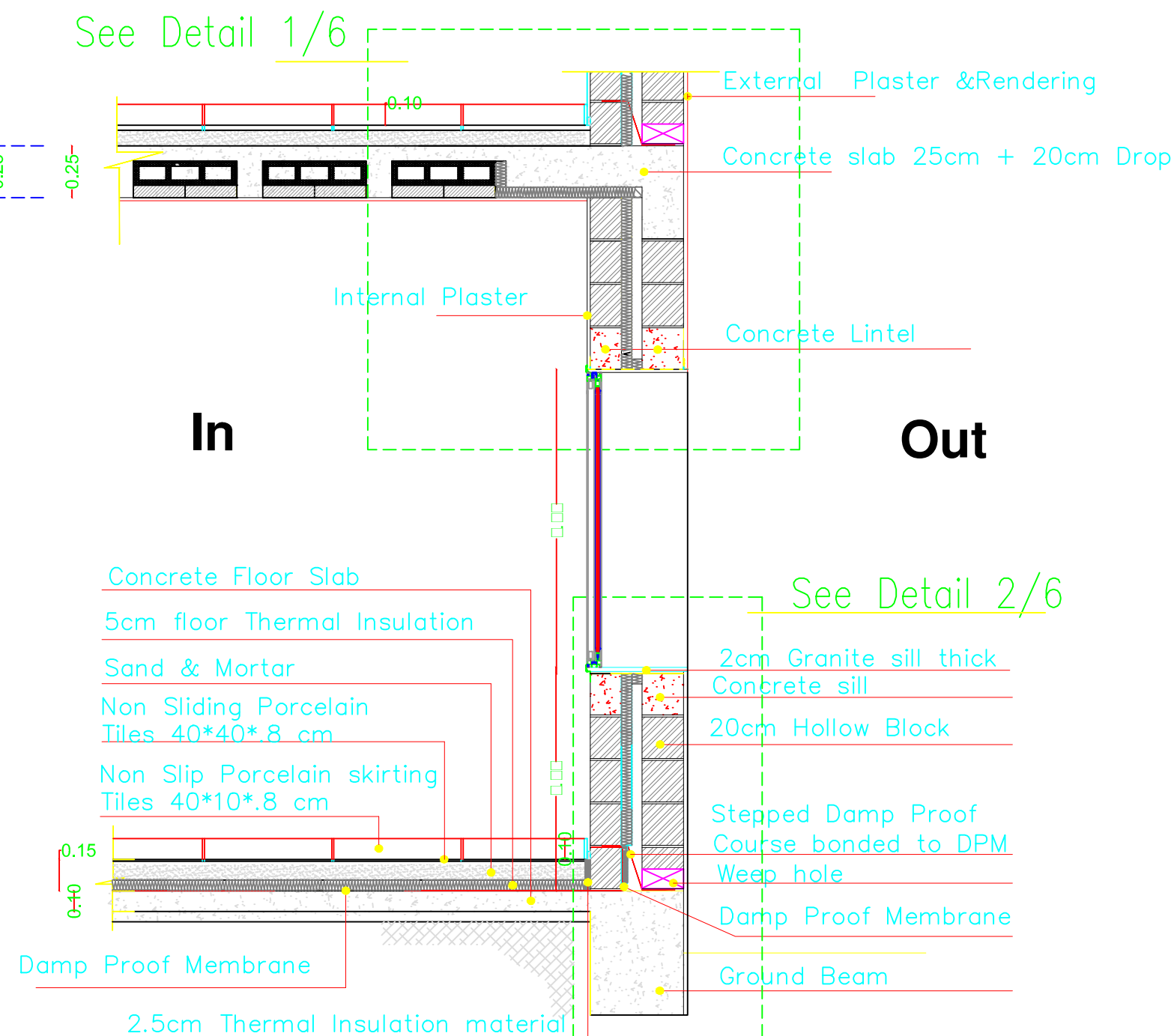
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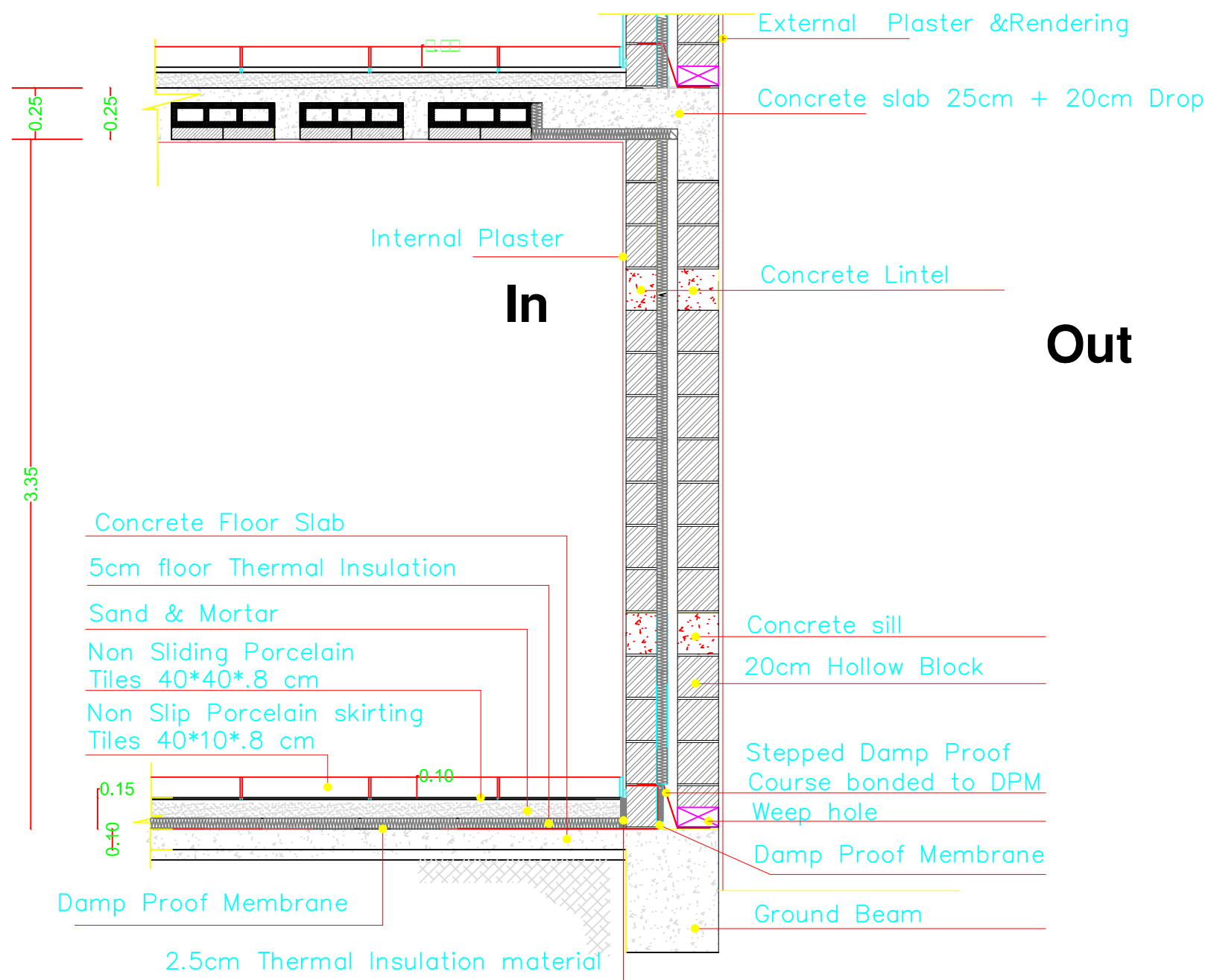
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IN COOPERATION WITH:



Project Name	RIGHT TO EDUCATION
School name	Al Motanaby Primary Boys School
Drawing name	Details (6)
Scale	Drawing No.
1:25	AD (13)





NOTES :-

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EMPLEMENTED BY:



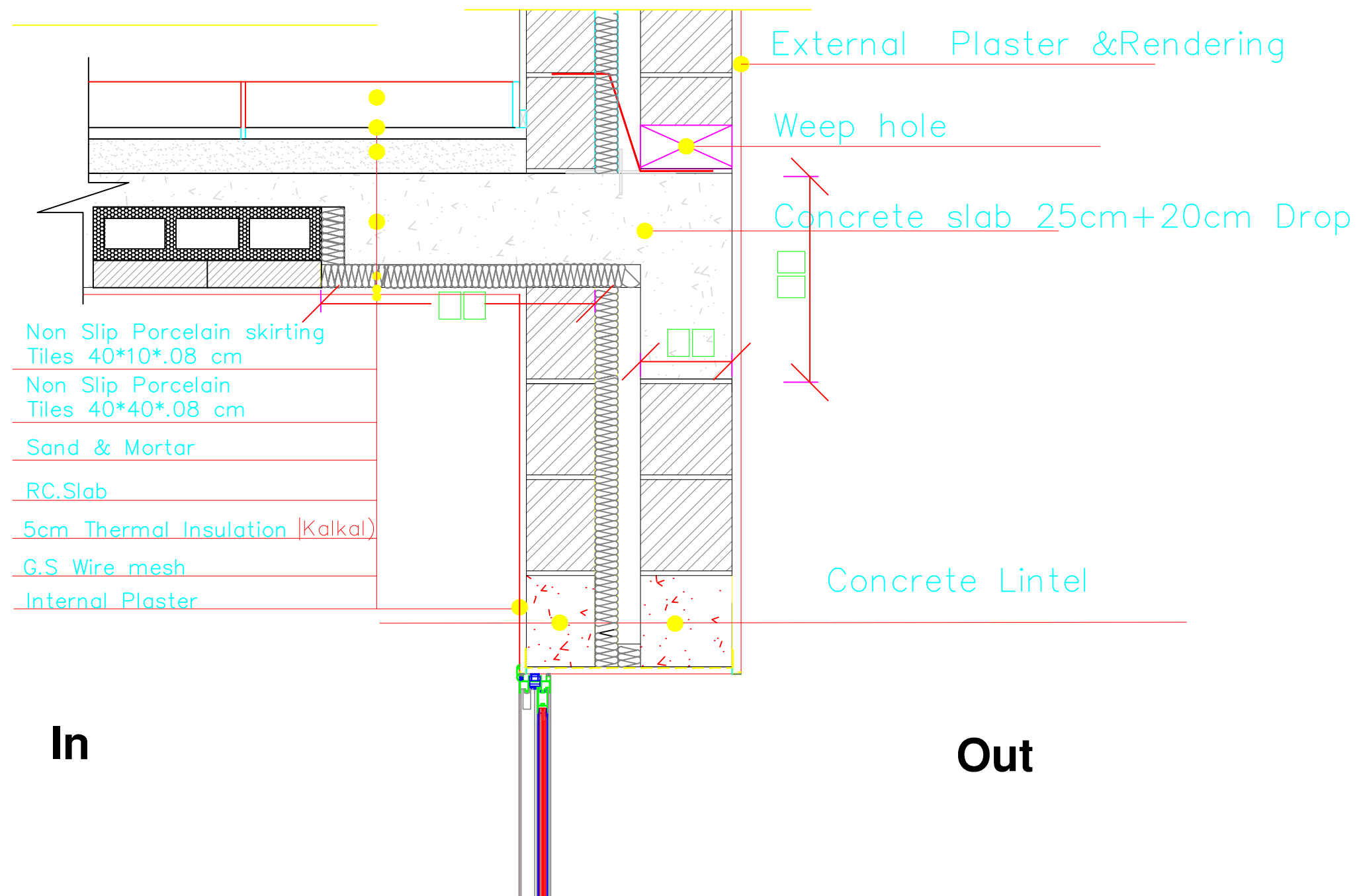
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YEARS

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IN COOPERATION WITH:



Project Name	
RIGHT TO EDUCATION	
School name	
Al Motanaby Primary Boys School	
Drawing name	
Details (6*)	
Scale	Drawing No.
1:25	AD (14)



NOTES :-

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IN COOPERATION WITH:



Project Name	
RIGHT TO EDUCATION	
School name	
Al Motanaby Primary Boys School	
Drawing name	
Details (6)	
Scale	Drawing No.
1:25	AD (15)

NOTES :-

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Qatar Development Fund

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IN COOPERATION WITH:



Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

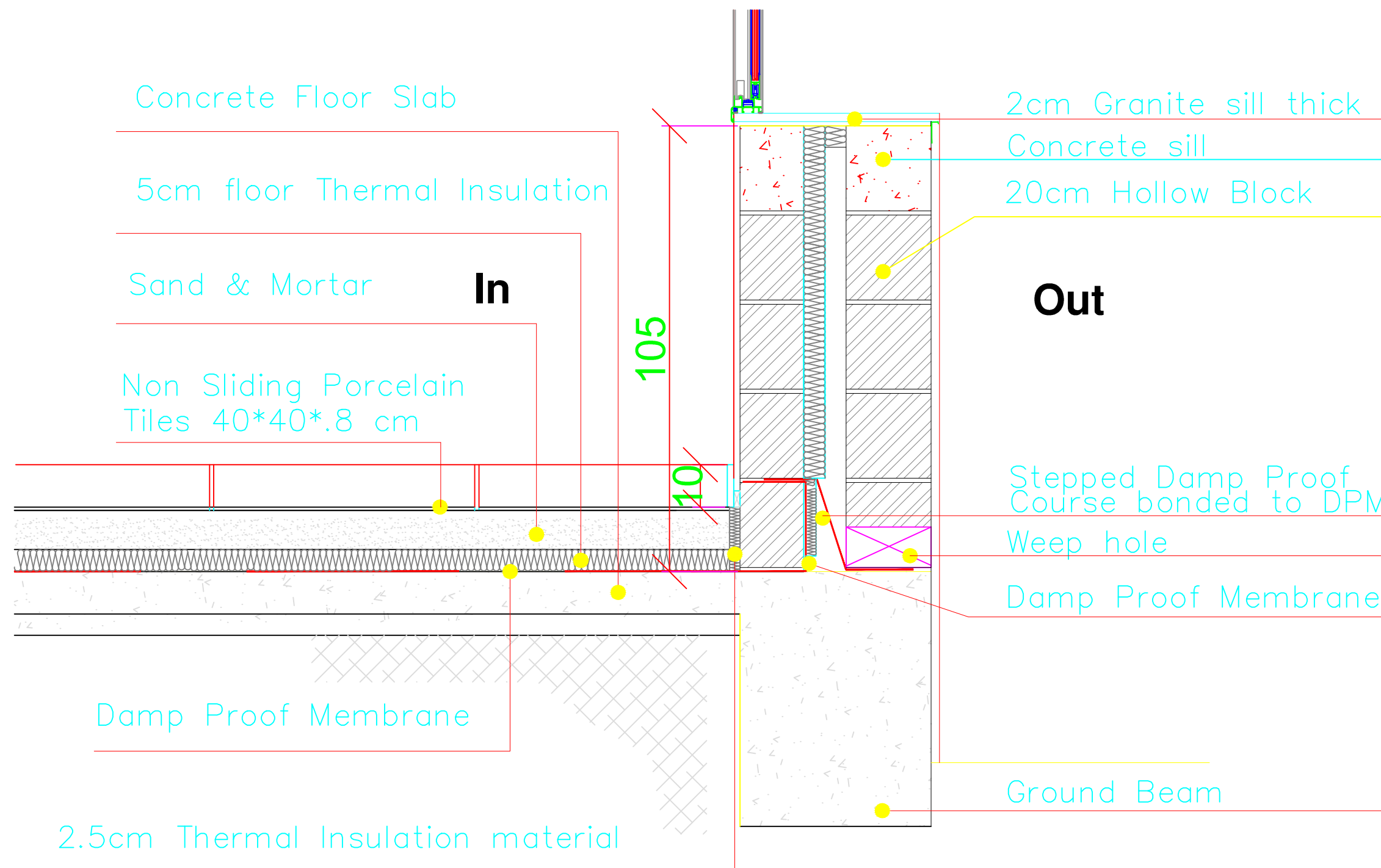
Details (6)

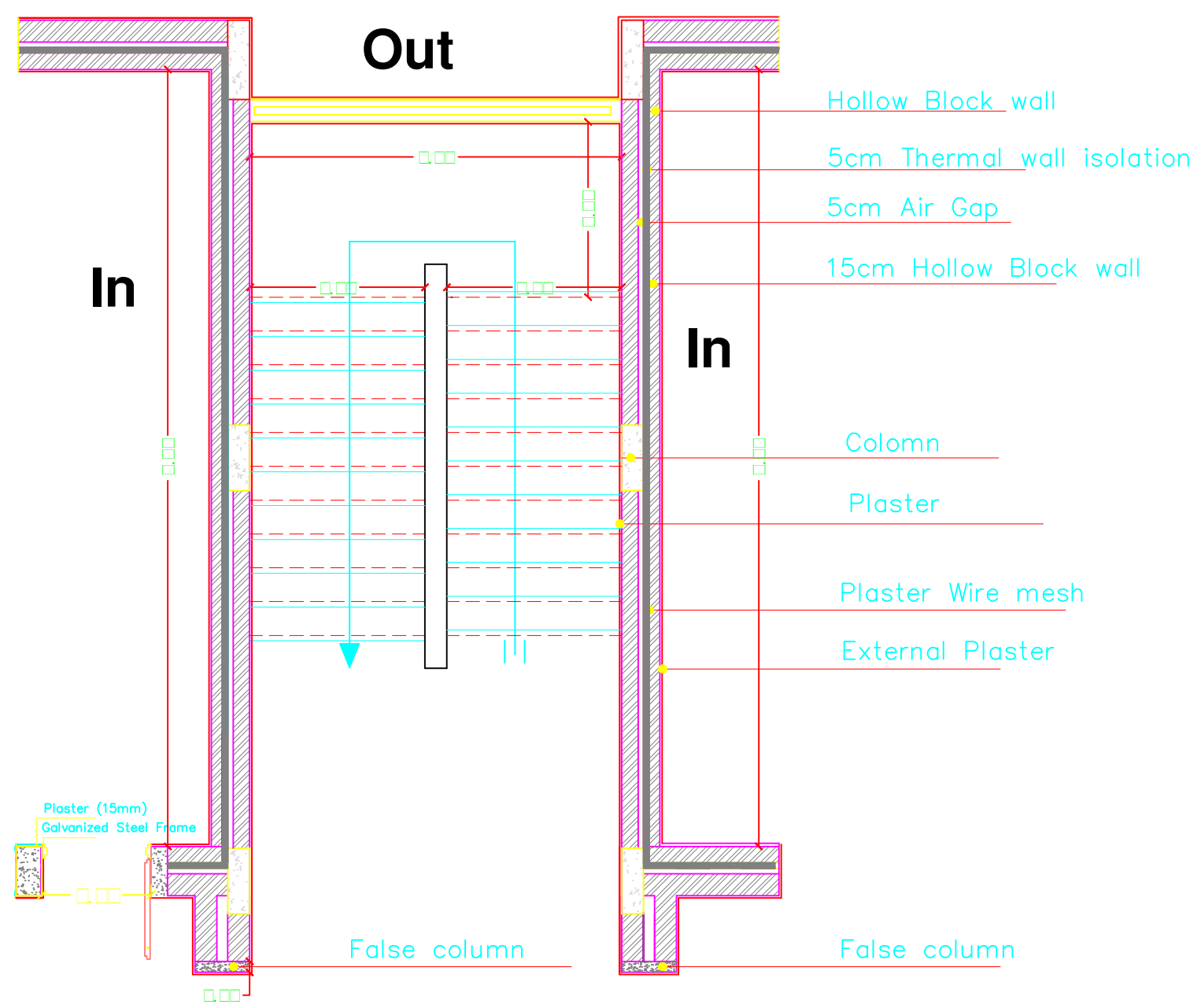
Scale

1:25

Drawing No.

AD (16)





Stair Detail



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Qatar Development Fund

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IN COOPERATION WITH:



Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

Detail At Stair

Scale

1:50

Drawing No.

AD (17)

NOTES :-

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EMPLEMENTED BY:



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IN COOPERATION WITH:



Project Name	
RIGHT TO EDUCATION	
School name	
Al Motanaby Primary Boys School	
Drawing name	
Rubbing Rail Details	
Scale	Drawing No.
1:2	AD (19)

GALVANIZED STEEL HOOK
SCREWED TO RAIL AT 20CM CENTERS

PLYWOOD 17MM COVERD WITH ROUNDED EDGES
FROM HARD WOOD ZAN 15*17 CM FOR
CLASSES WALL RUBBING RAIL

120X20MM RAIL(SOFTWOOD) PLUGGED AND
SCREWED TO WALL AT 30CM CENTERS

PLASTER

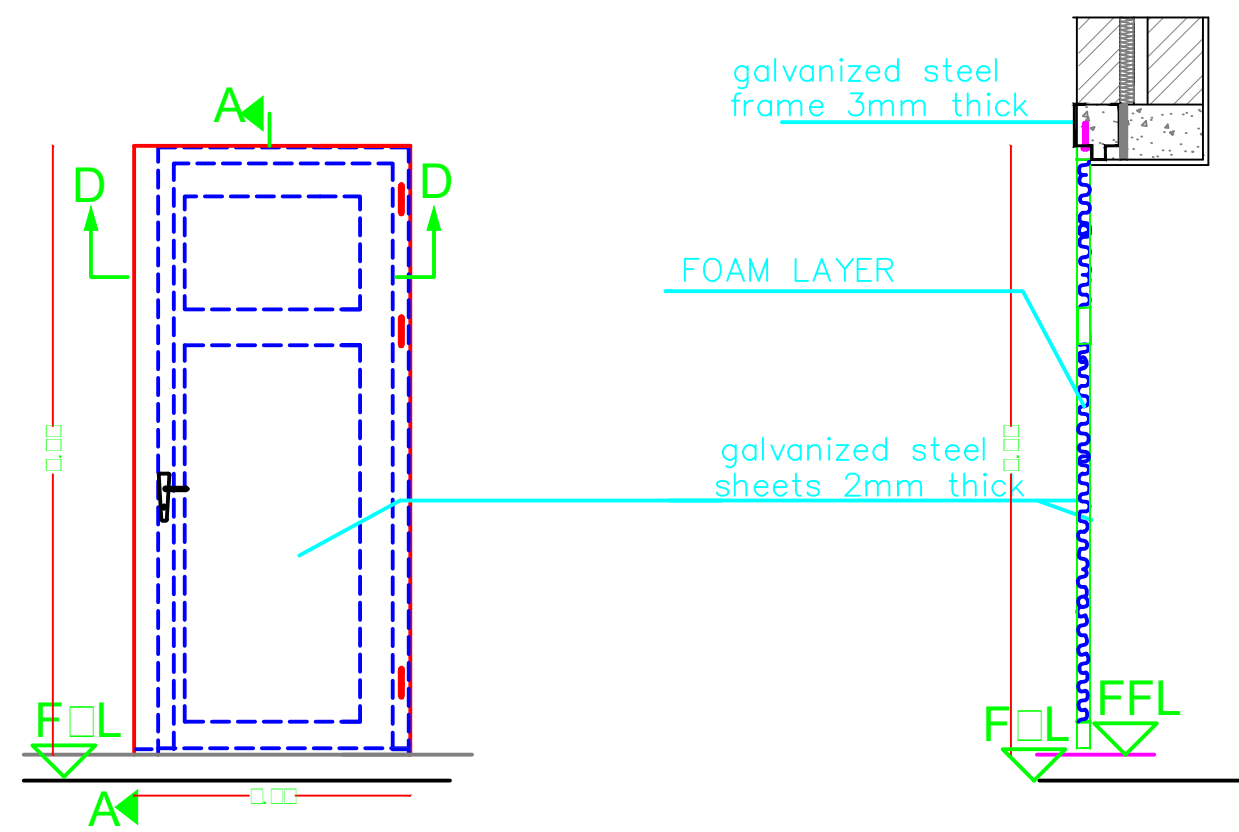
DETAIL (2) COATHOOK DETAIL

SCALE 1:2

PLASTER

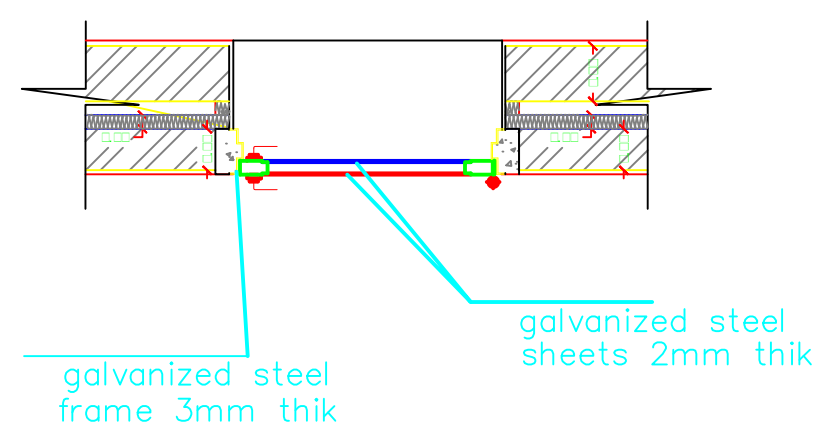
DETAIL (1)
RUBBING RAIL DETAIL

SCALE 1:2



ELEVATION

SECTION A-A



SECTION D-D

DS1
SCALE 1 : 25

NOTES :-

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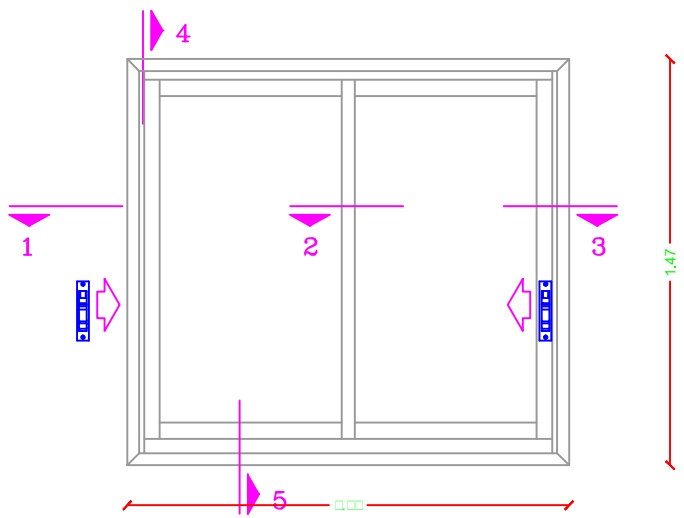
EMPLEMENTED BY:



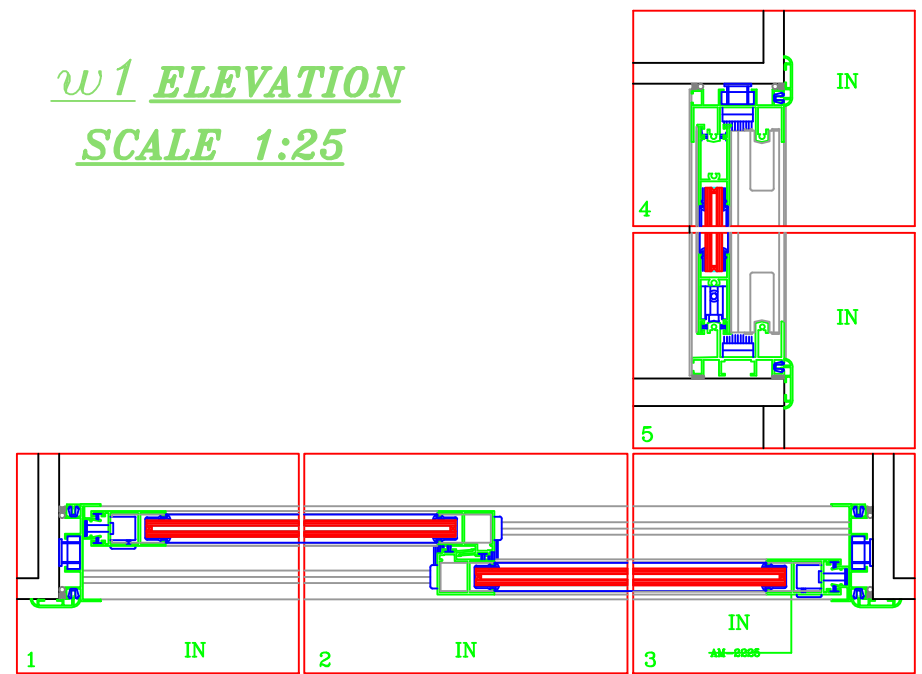
IN COOPERATION WITH:



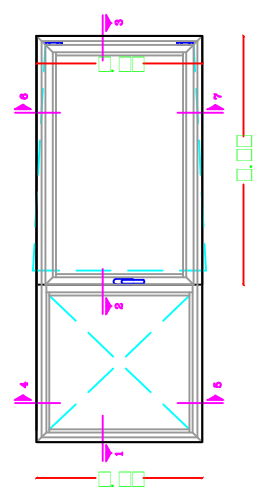
Project Name	
RIGHT TO EDUCATION	
School name	
Al Motanaby Primary Boys School	
Drawing name	
Metal Door Details	
Scale	Drawing No.
1:25	AD (20)



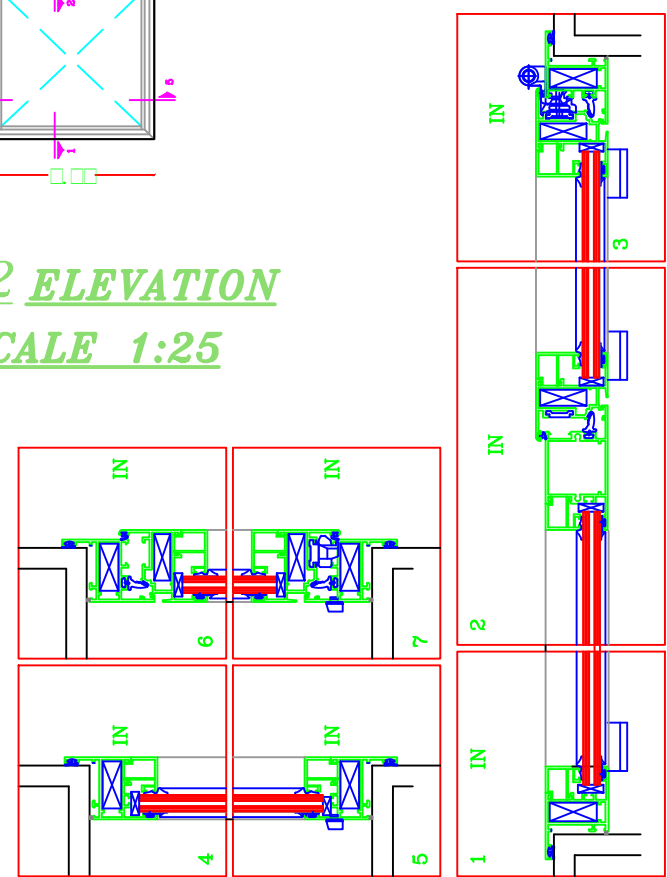
w1 ELEVATION
SCALE 1:25



w1 SECTIONS
SCALE 1:5



w2 ELEVATION
SCALE 1:25



w2 SECTIONS
SCALE 1:5



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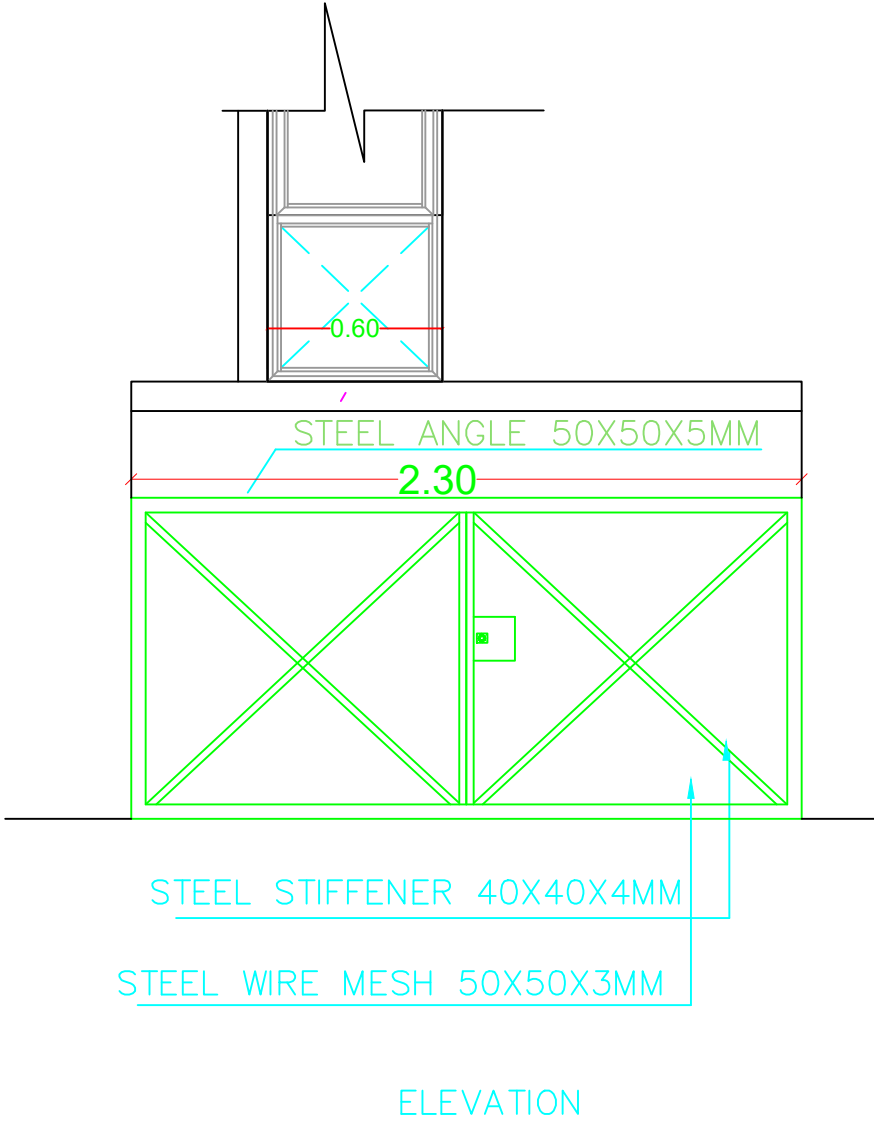
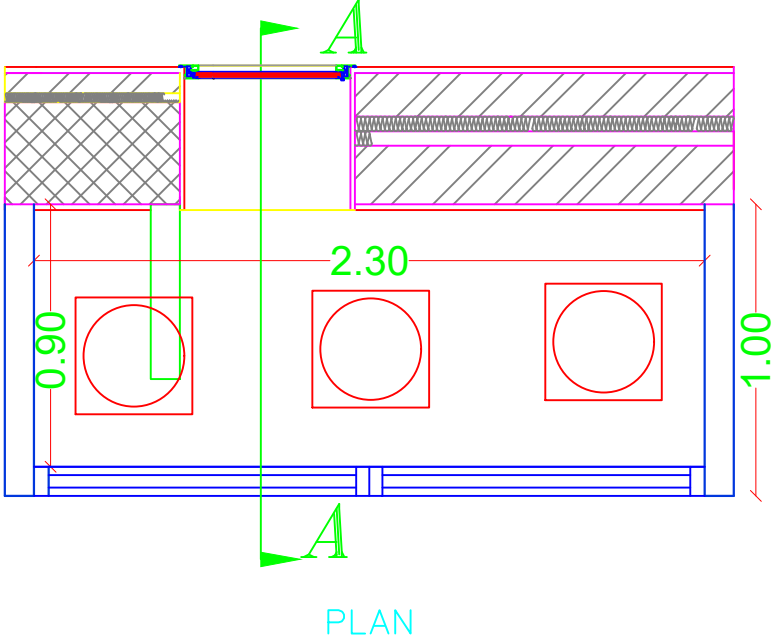
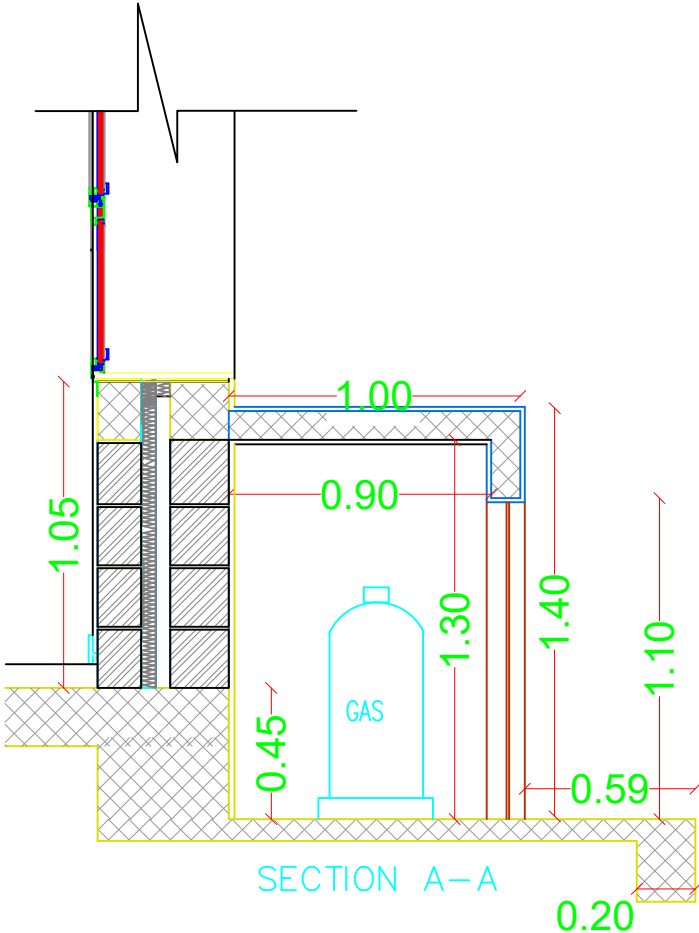
IN COOPERATION WITH:




Project Name RIGHT TO EDUCATION	
School name Al Motanaby Primary Boys School	
Drawing name Windows Details	
Scale As Shown	Drawing No. AD (21)

TREE TABLE

Type	SHAPE PLAN	TREE NAME
T1		Fekus
T2		Washintonia Palm
T3		Betsborom
T4		Youka



DS2

NOTES :-

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EMPLEMENTED BY:

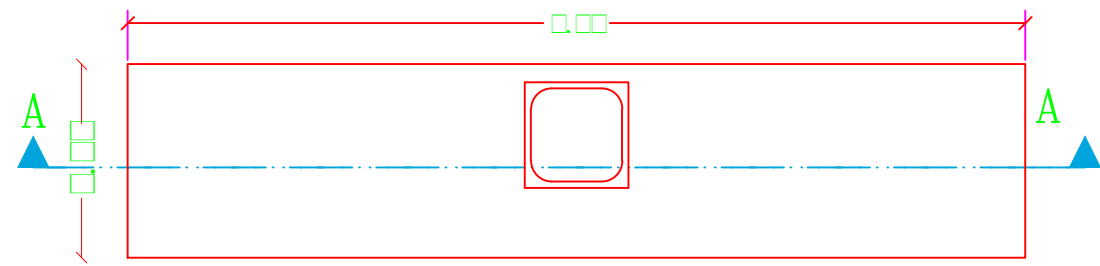


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IN COOPERATION WITH:

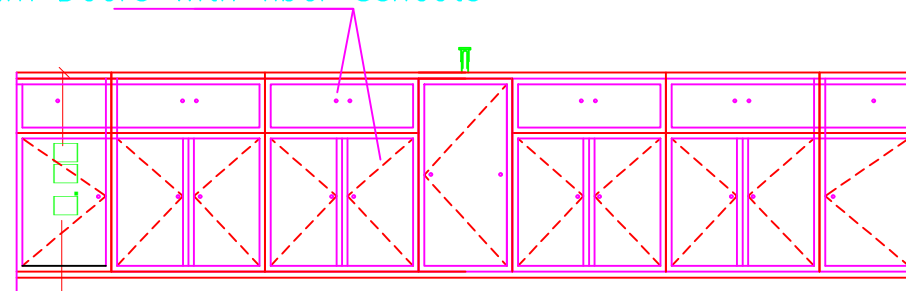


Project Name	RIGHT TO EDUCATION
School name	Al Motanaby Primary Boys School
Drawing name	Gas Room Details
Scale	Drawing No.
1:25	AD (22)



Plan

Aluminium Doors With fiber Ssheets

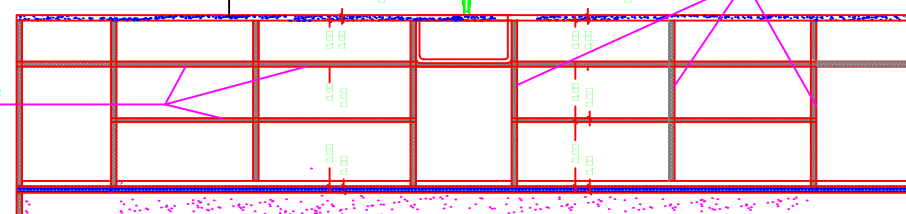


Elevation

Granite type (Tiger) 2cm thick

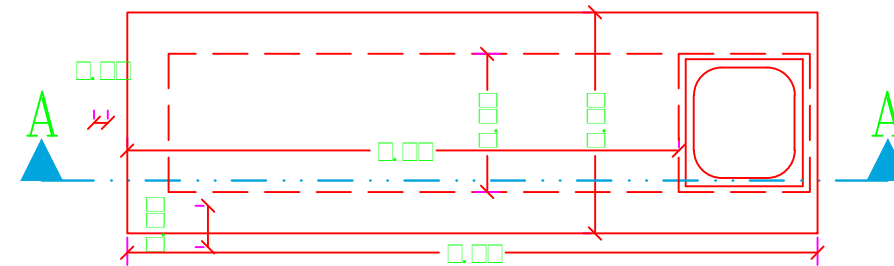
Local marble 3cm thick

Local marble 2cm thick



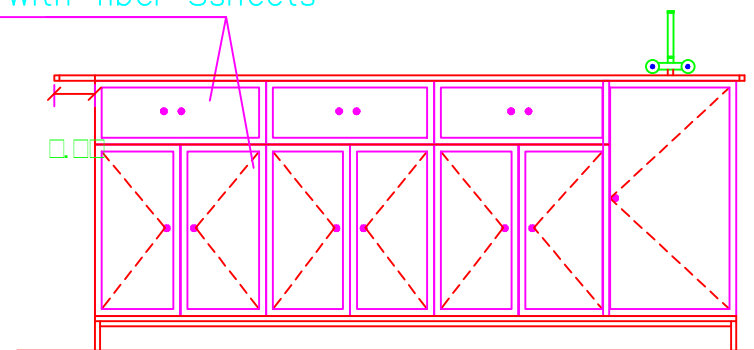
Section A-A

Preparation Room Table



Plan

Aluminium Doors With fiber Ssheets

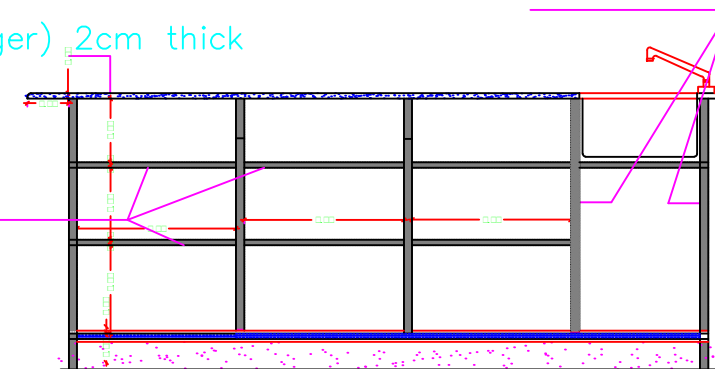


Elevation

Local marble 3cm thick

Granite type (Tiger) 2cm thick

Local marble 2cm thick



Section A-A

Teacher Table at Lab

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Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

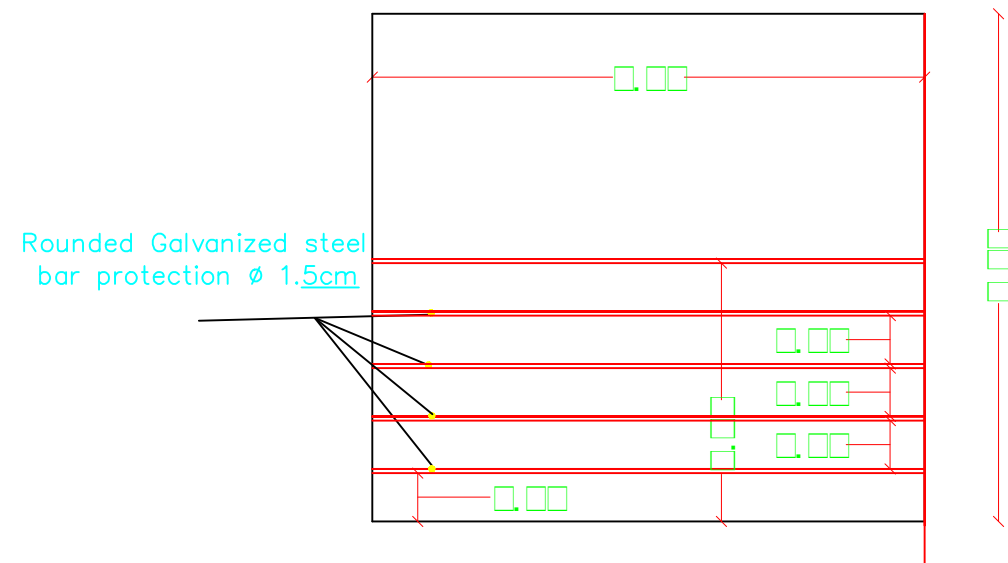
Drawing name

Lab & Preperation Room Tables Details

Scale
1:25

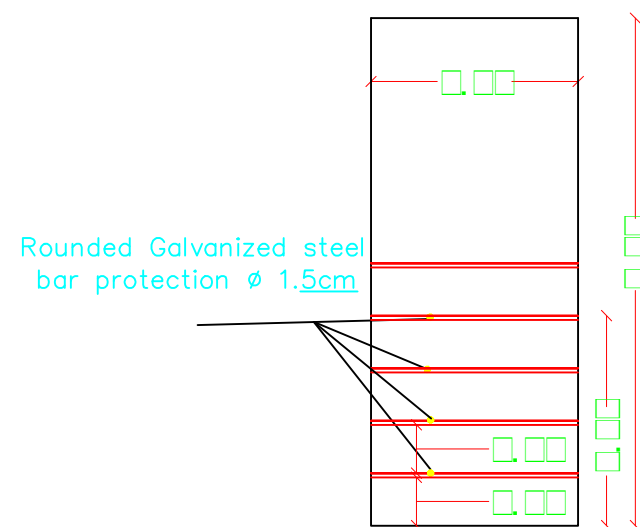
Drawing No.

AD (23)



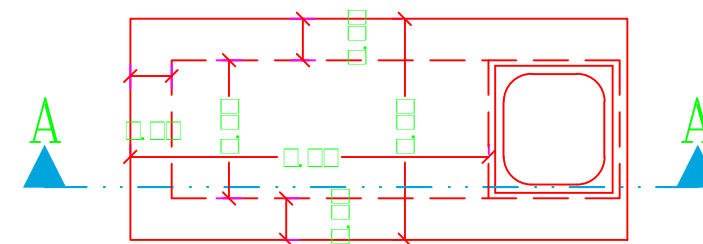
Steel Window Protection

W1

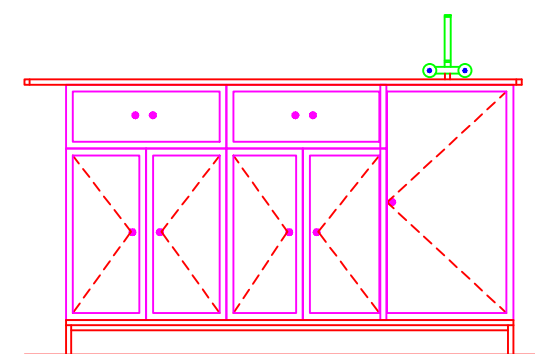


Steel Window Protection

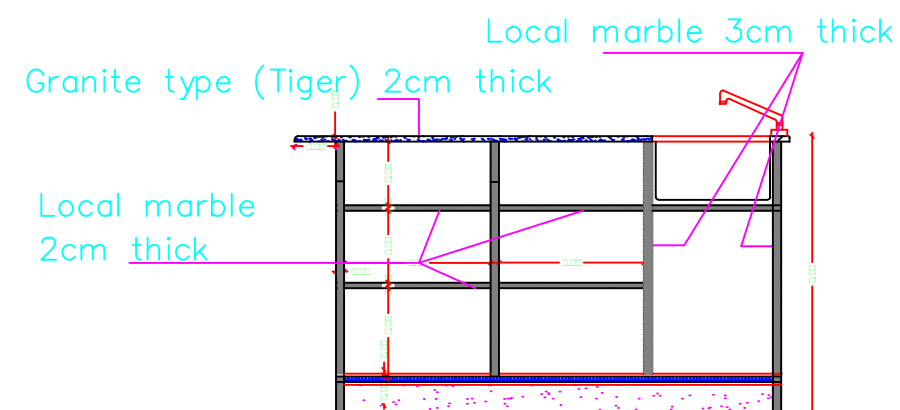
W2



Plan



Elevation



Section

Student Table at Lab

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Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

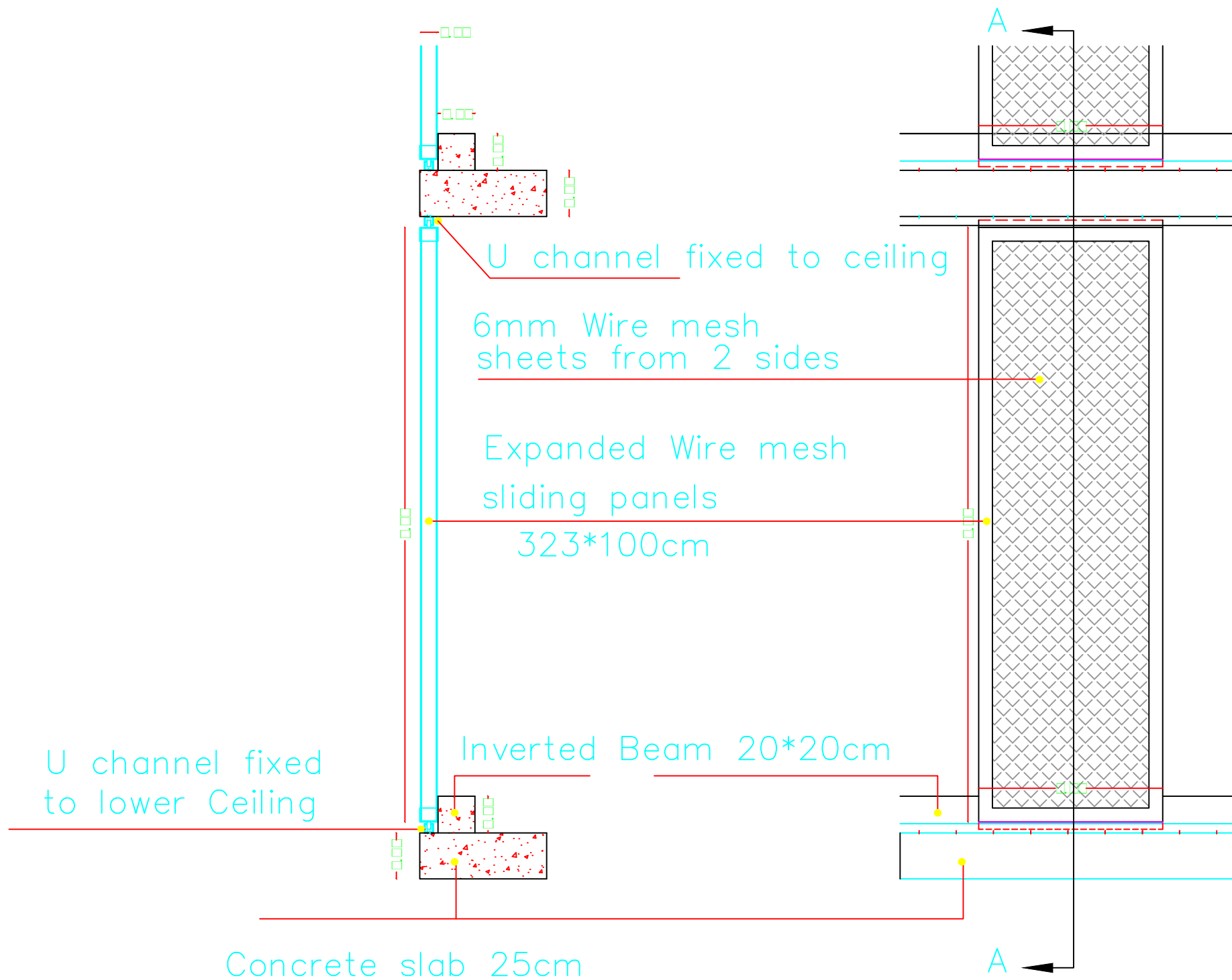
Student Table Lab &
Steel Window Protection

Scale

1:20

Drawing No.

AD (24)



Section A-A

Elevation



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Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

Expanded Sliding Wire mesh Details

Scale

Drawing No.

1:25

AD (25)

NOTES :-

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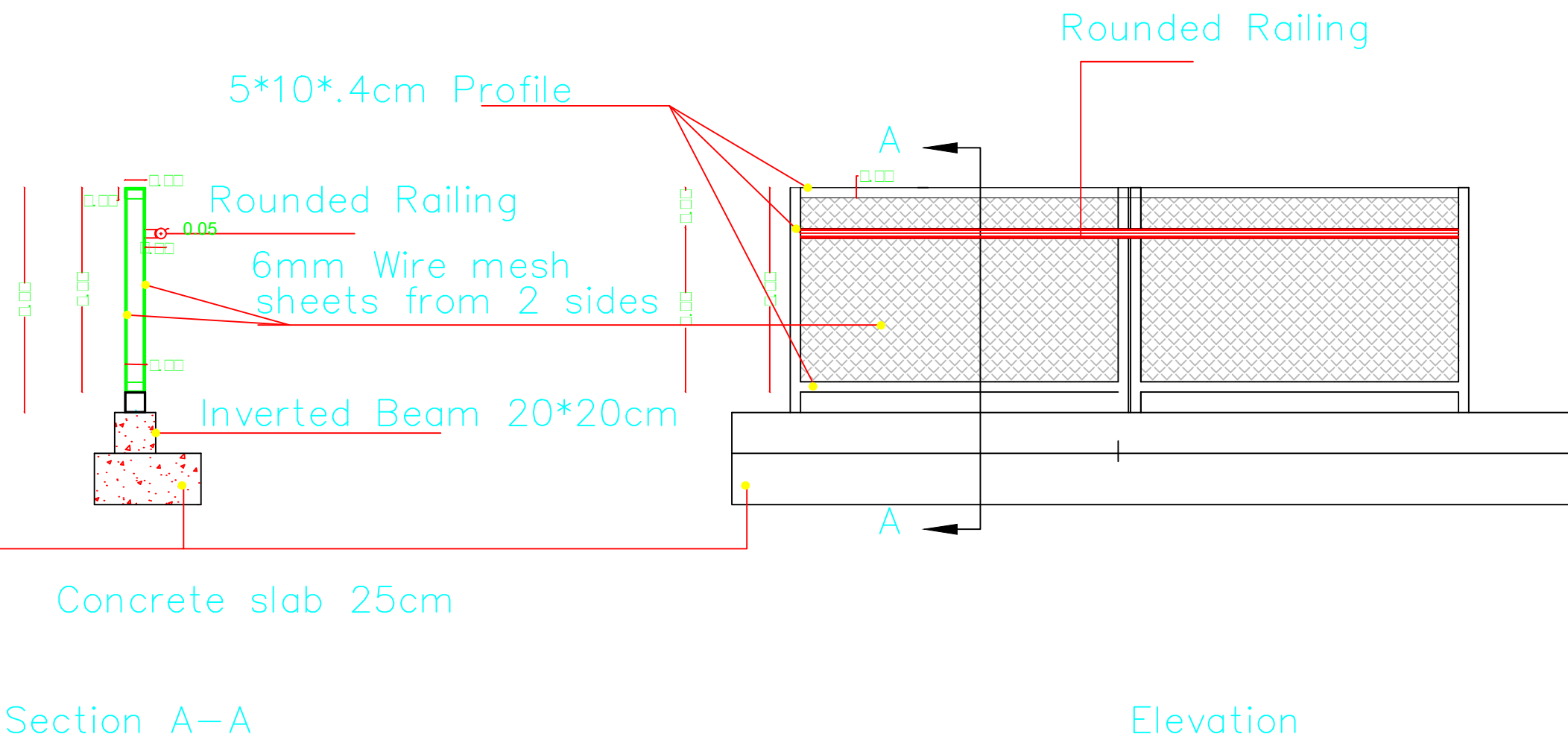
EMPLEMENTED BY:



IN COOPERATION WITH:



Project Name	RIGHT TO EDUCATION
School name	Al Motanaby Primary Boys School
Drawing name	Expanded Wire mesh Handrail Details
Scale	Drawing No.
1:25	AD (26)



SECTION 1-1

SCALE 1:10

DETAIL 1

GALVANIZED MESH 4 mm THICK

ALUMINUM FRAME

1000

1500

100

100

1

1

Technical drawing of a rectangular structure, likely a container or enclosure, showing dimensions and material specifications. The drawing includes a side elevation and a detail view of the corner.

Dimensions:

- Overall width: 1.00
- Overall height: 1.00
- Top flange thickness: 0.04
- Side flange thickness: 0.04
- Internal width: 0.96
- Internal height: 0.96
- Bottom flange thickness: 0.10
- Corner radius: 0.08

Material Specifications:

- GALVANIZED STEEL PROFILE 80X40X1.5 mm
- GALVANIZED STEEL PROFILE 80X80X1.5 mm
- GALVANIZED STEEL PIPES 50 mm DIAMETER
- GALVANIZED EXPANDED MESH 2 mm THICK 2 LAYERS
- GALVANIZED STEEL PLATE 10X4X mm
- GALVANIZED STEEL PLATE 10X10X2 mm
- STEEL BARS Ø14 mm $\approx L = 30$ CM

Detail View:

Detail 1 shows the corner connection of the structure, including the GALVANIZED EXPANDED MESH 2 mm THICK and GALVANIZED STEEL PIPES 50 mm DIAMETER. The detail shows the internal structure and the connection of the mesh to the steel pipes.

Section 1-1:

SECTION 1-1 shows the cross-section of the structure, including the GALVANIZED STEEL PIPES 50 mm DIAMETER and the GALVANIZED EXPANDED MESH 2 mm THICK. The section shows the internal structure and the connection of the mesh to the steel pipes.

Scale: SCALE 1:10

white Glass Block 20x20x10 cm

Glass Block 20x20x10 cm

2 Steel Bars 6mm

white cement mortar

Glass Block 20x20x10 cm

Cross spacer 4mm thick

Concrete edges

Technical drawing of a detail of a steel structure, showing a cross-section of a steel plate welded to a steel profile. The drawing includes labels for the components:

- GALVANIZED STEEL PLATE 10X10X2 mm
- GALVANIZED STEEL PROFILE 80X80X1.5 mm
- GALVANIZED STEEL BAR 5X5 mm
- ELECTRIC STEEL WELDING
- GALVANIZED EXPANDED MESH 2 mm THICK
- GALVANIZED STEEL PLATE 10X4X mm

The drawing is titled "DETAIL 1" and "SCALE 1:1".

Technical drawing of the GARDAT gate, showing a plan view (top) and a side elevation view (bottom). The plan view shows a rectangular gate with a grid of 10x15cm panels. The side elevation shows the gate's profile with a height of 100cm and a width of 100cm. The drawing is labeled "GARDAT" and "SCALE 1:10".



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IN COOPERATION WITH:



CONSULTANT:

 ABUSHAHLA & ASSOCIATES
"Consulting Engineers"
Palestine

+970-8-2864067 / +970-8-2828971

Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

Drawing name

Arcitectural Detail

Scale
1:25

Drawing No.	
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AD (27)