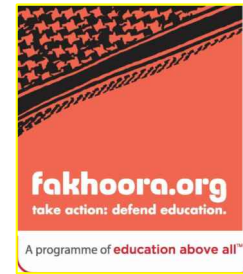
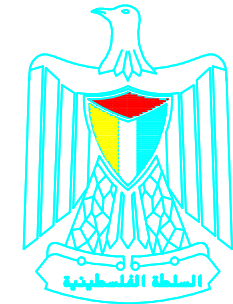




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Project Name

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LOT NO. 2-A - WBS 1150

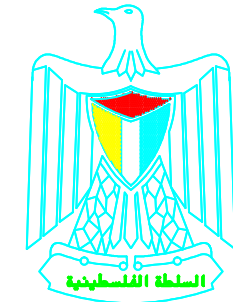
March 2015



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Programme of Assistance the Palestinian People



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Al Fakhoora Programme



PALESTINIAN NATIONAL AUTHORITY

Project Name

RIGHT TO EDUCATION

School name

Abdul Karim Al Karmi Primary Boys School

March 2015

Architectural Drawings

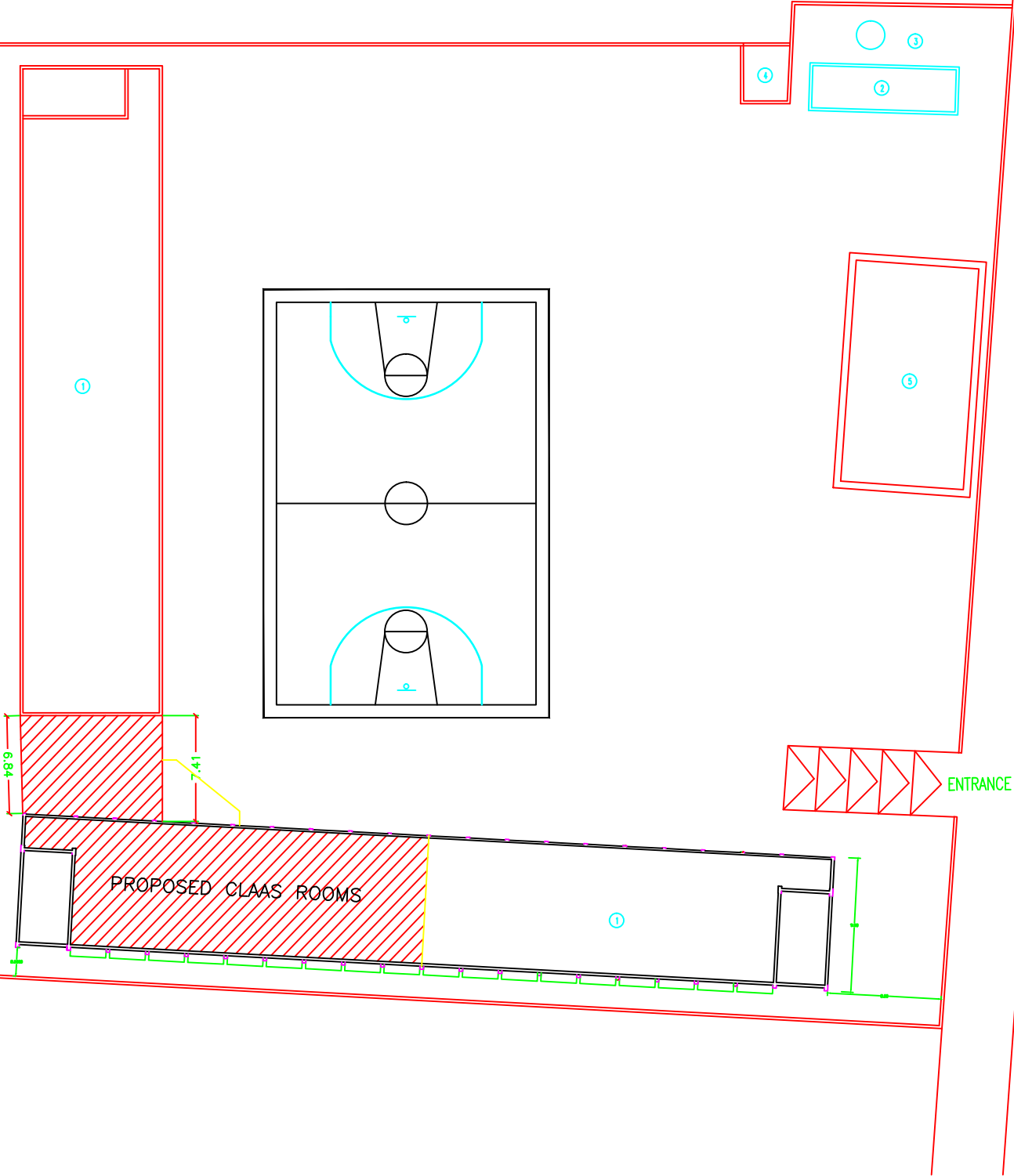
Abdul Karim Al Karmi primary Boys School

Proposed Intervention

1. Construction of a new floor (2nd), 3 class rooms
2. Construction of a separated class room

EL AWDA SCHOOL

EL MOUTANABY SCHOOL

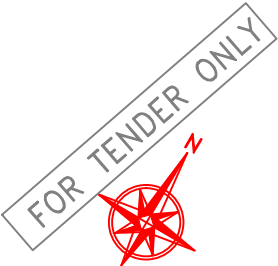


NOTES:

LEGEND

- 1 - class room
- 2 - administration
- 3 - play ground
- 4 - canteen
- 5 - toilets
- 6 - shed
- 7 - perculation pit

PROPOSED CLASSROOMS
4x1



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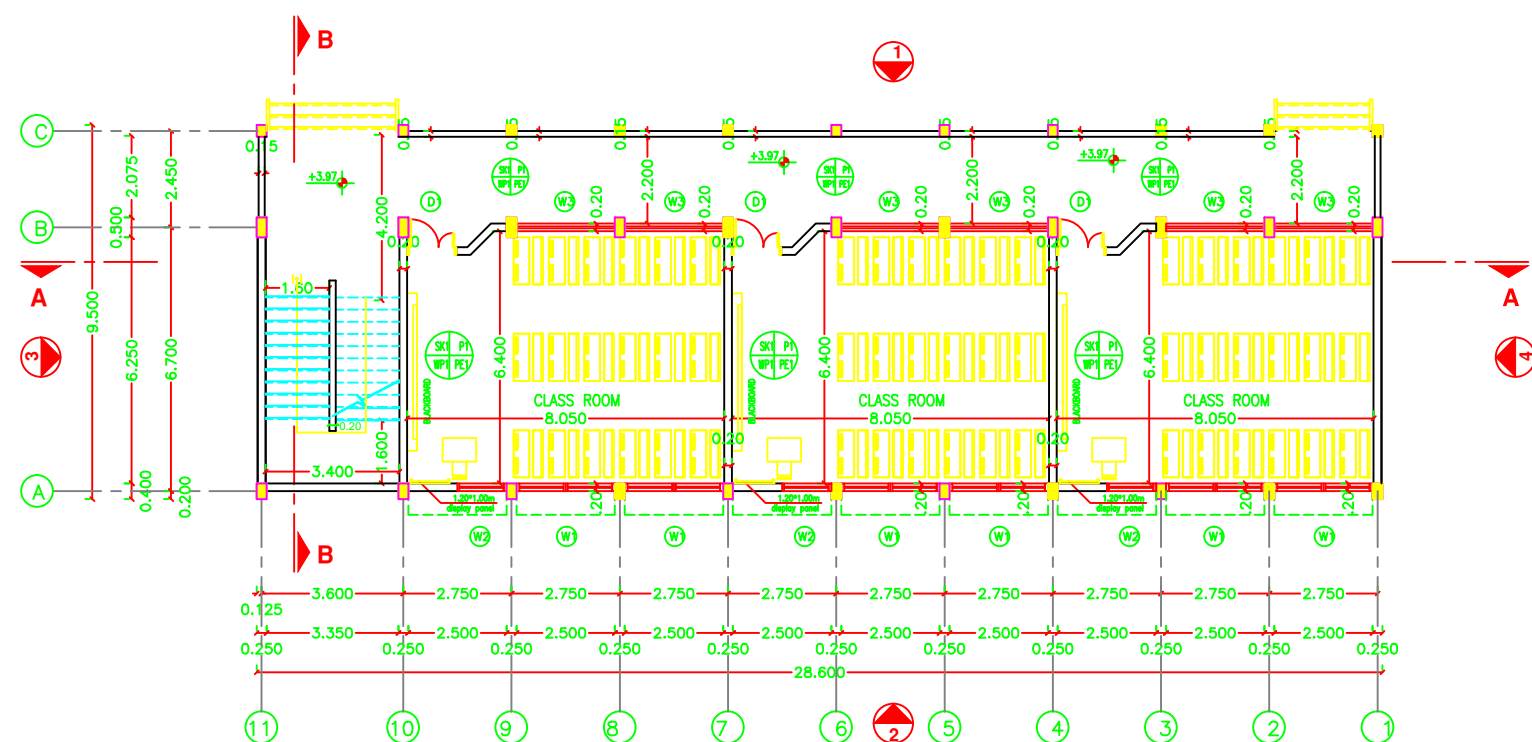
School name

Abdul Karim Al Karmi primary Boys School

Drawing name

SITE LAYOUT

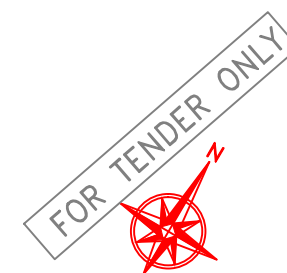
Symbol	Drawing No.	Rev. No.
RES	A 01	R1



SECOND FLOOR PLAN

NOTES:

- PE1 = PLASTER & EMULSION PAINT (CEILING)
- WP1 = PLASTER & EMULSION PAINT (WALLS)
- P1 = TERRAZO TILE SIZE 30X30X2.5CM MARBLE CHIPS
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- 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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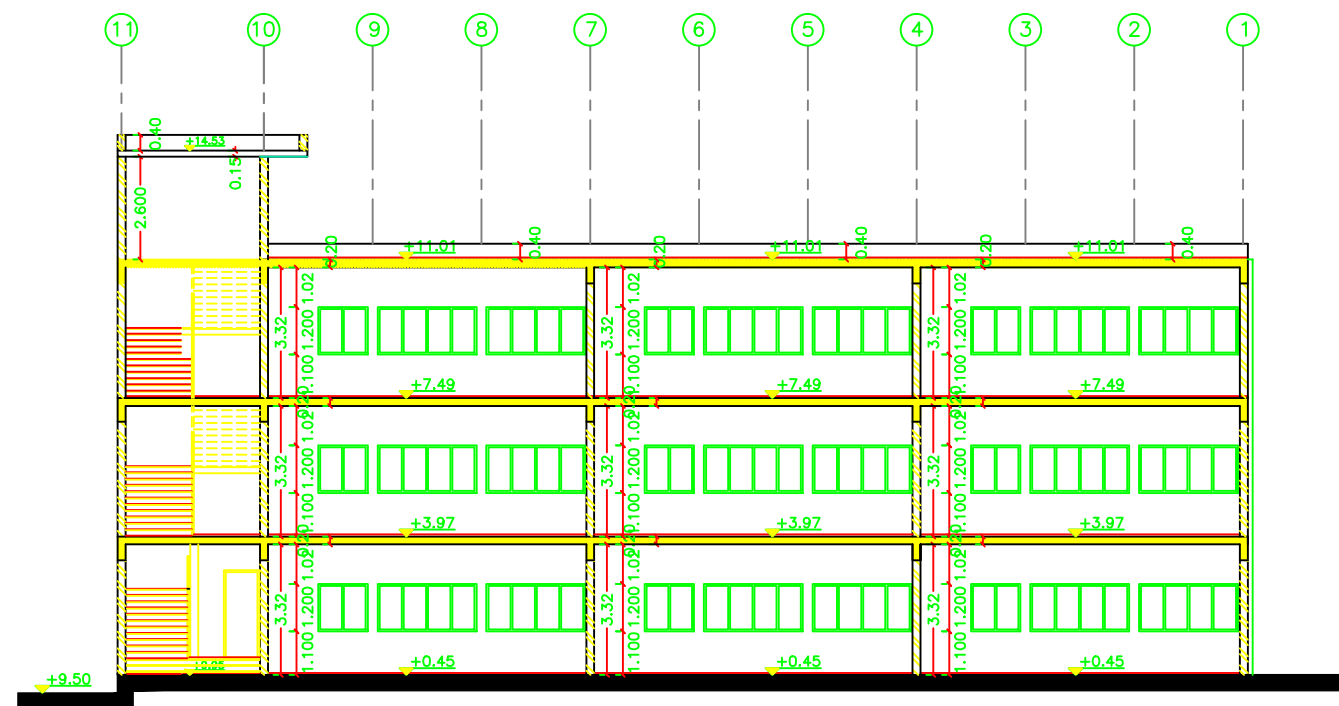
School name

Abdul Karim Al Karmi primary Boys School

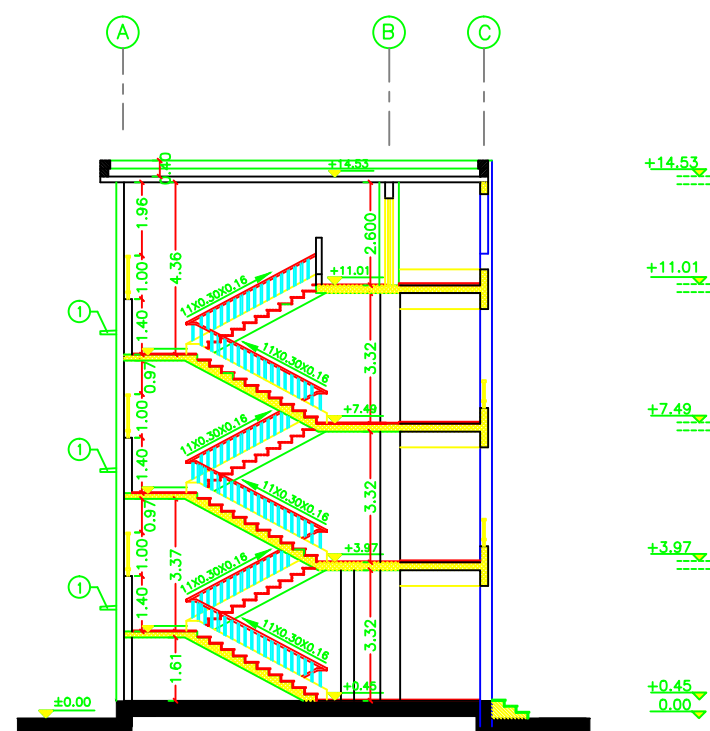
Drawing name

SECOND FLOOR PLAN

Symbol	Drawing No.	Rev. No.
RES	A 02	R1



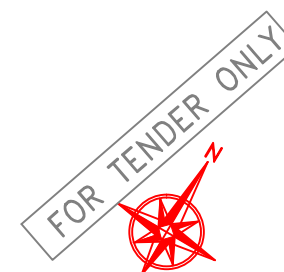
SECTION A - A
SCALE 1 : 100



SECTION B - B

NOTES:

- PE1 = PLASTER & EMULSION PAINT (CEILING)
- WP1 = PLASTER & EMULSION PAINT (WALLS)
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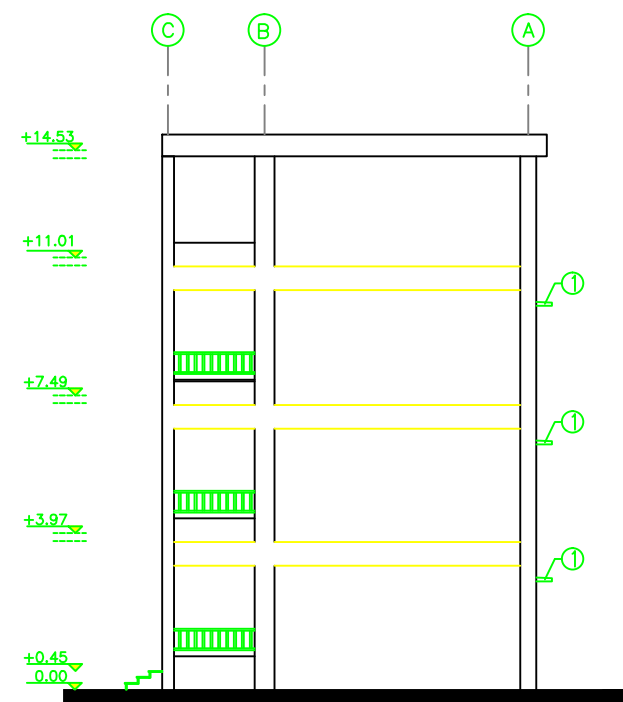
School name

Abdul Karim Al Karmi primary Boys School

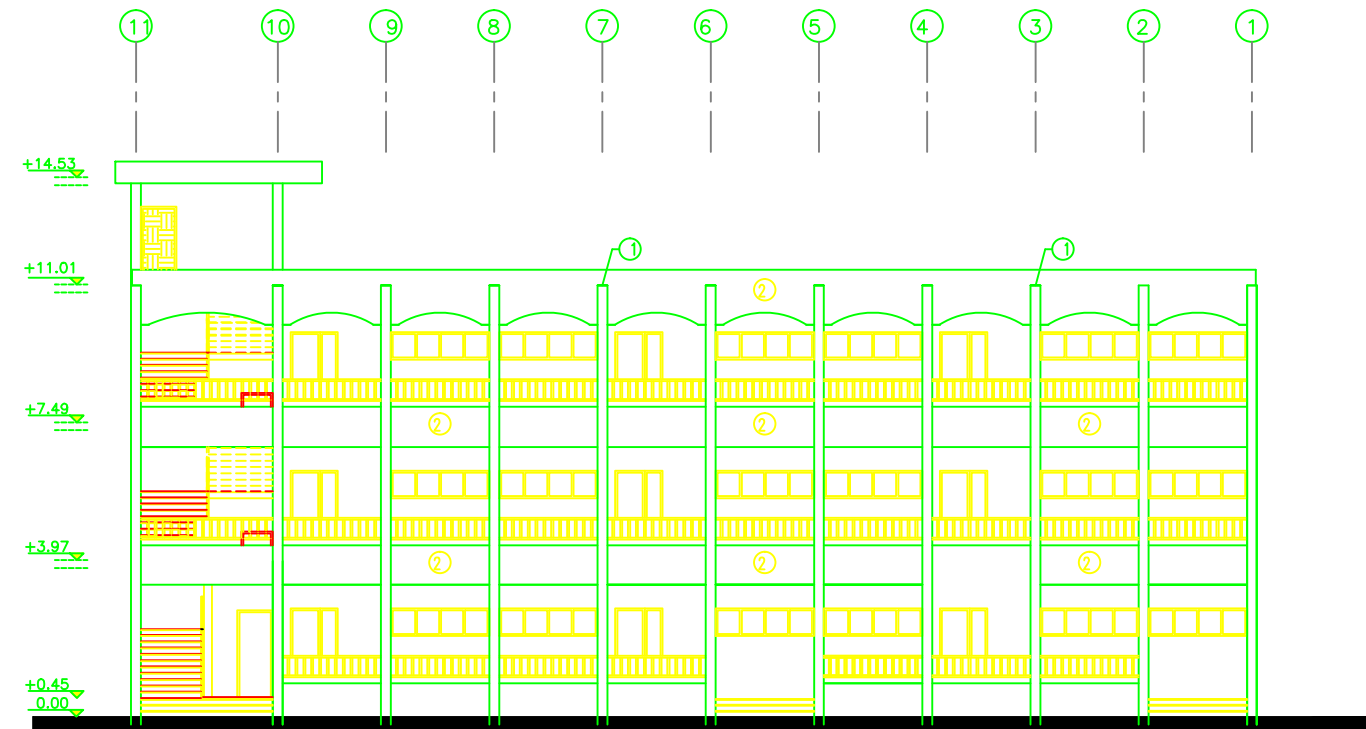
Drawing name

SECTION (A-A) AND (B-B)

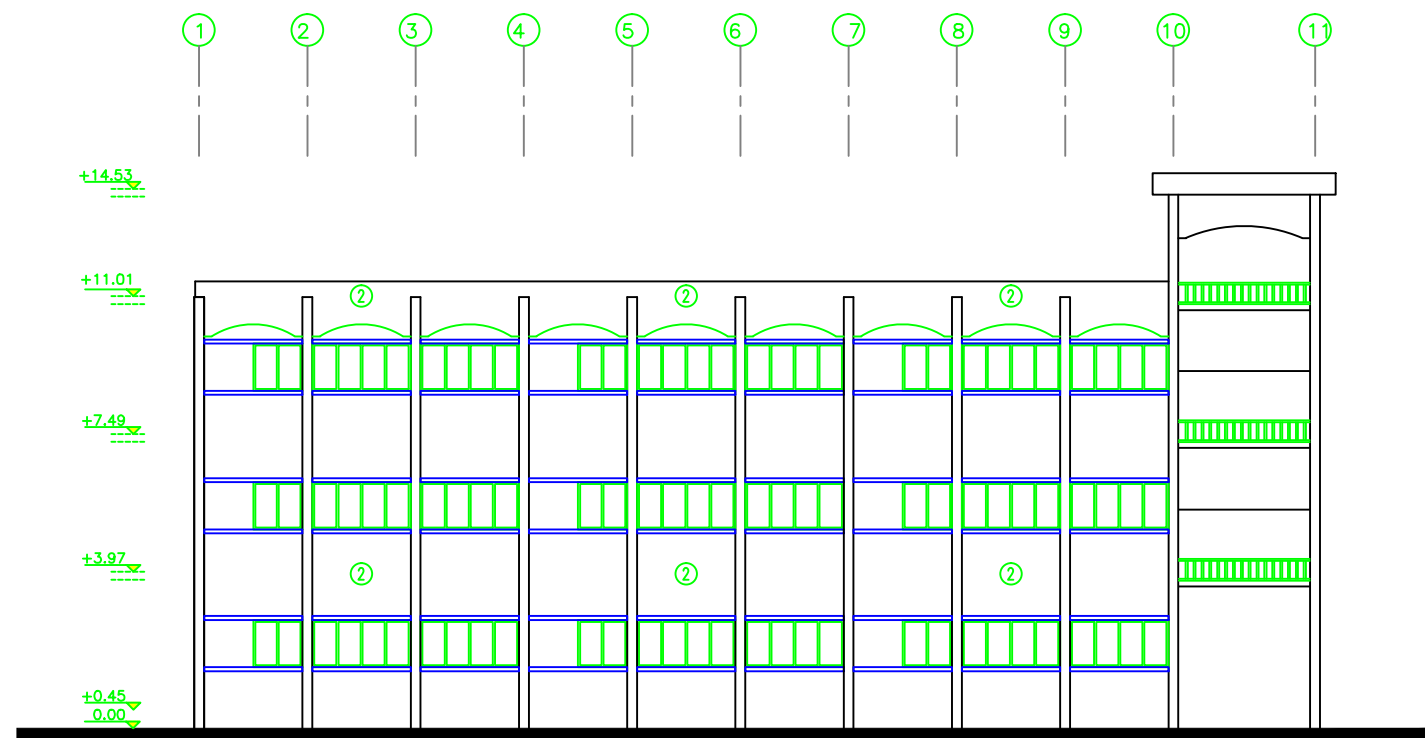
Symbol	Drawing No.	Rev. No.
RES	A 03	R1



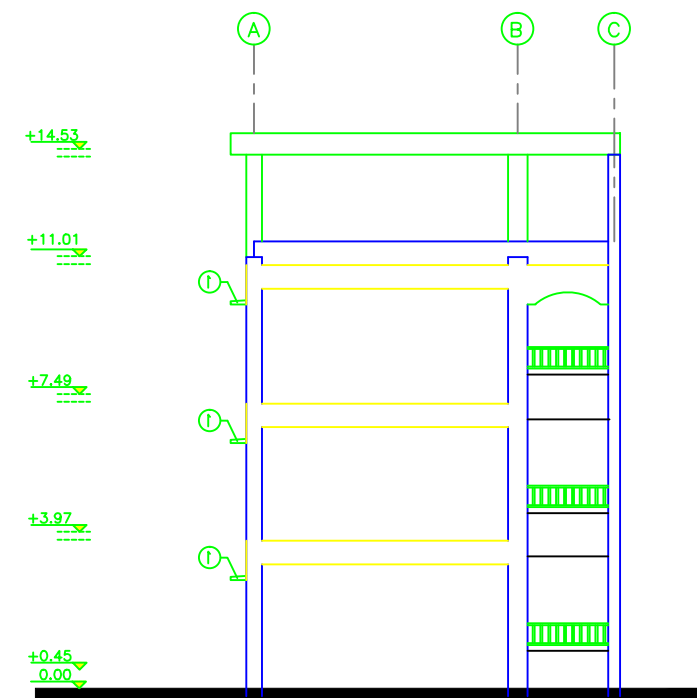
ELEVATION 4



ELEVATION 1



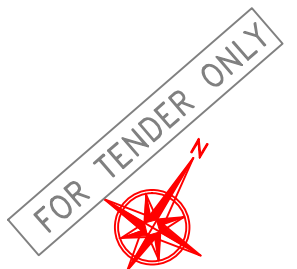
ELEVATION 2



ELEVATION 3

NOTES:

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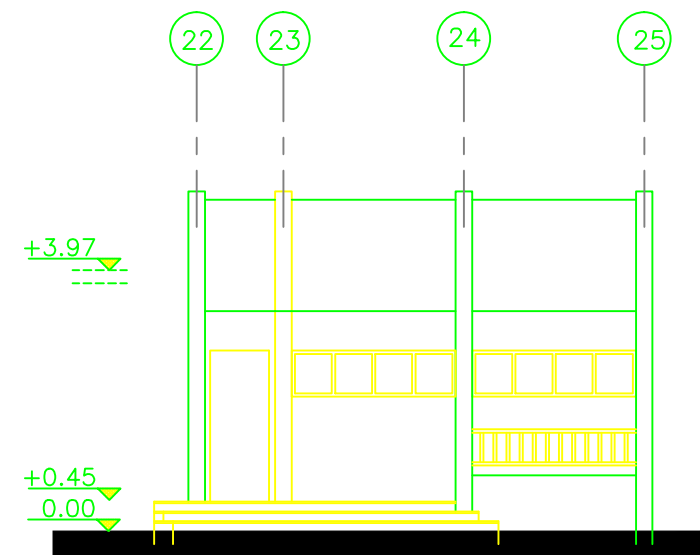
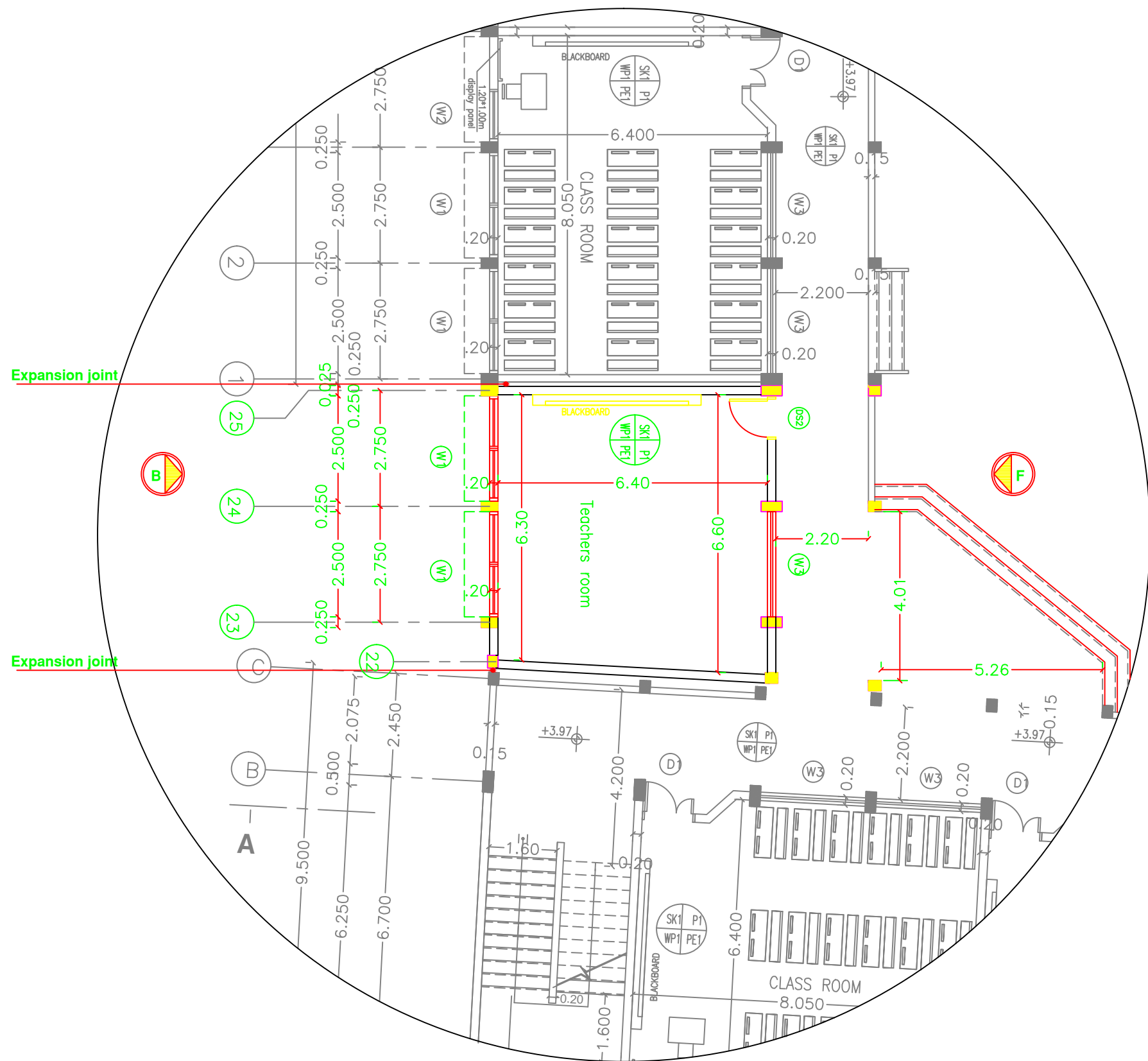
School name

Abdul Karim Al Karmi primary Boys School

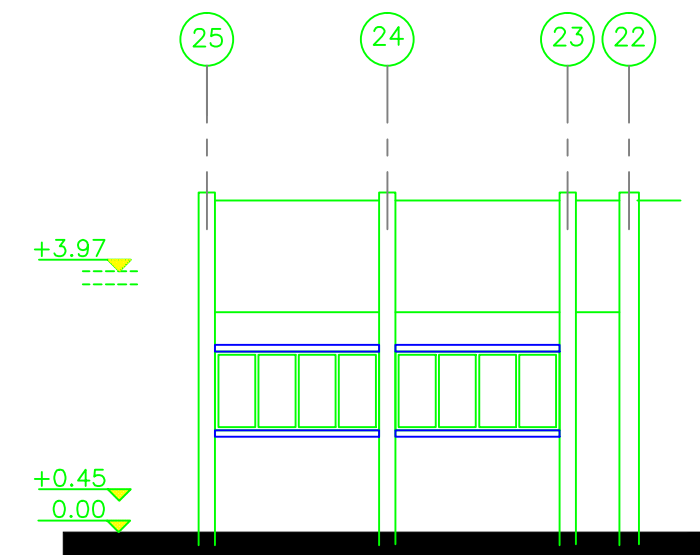
Drawing name

ELEVATION (1,2,3 , 4)

Symbol	Drawing No.	Rev. No.
RES	A04	R1



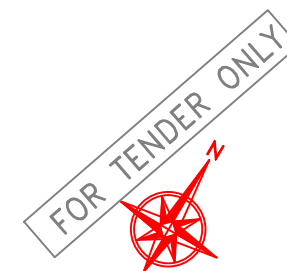
ELEVATION F



ELEVATION B

NOTES:

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Project Name

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School name

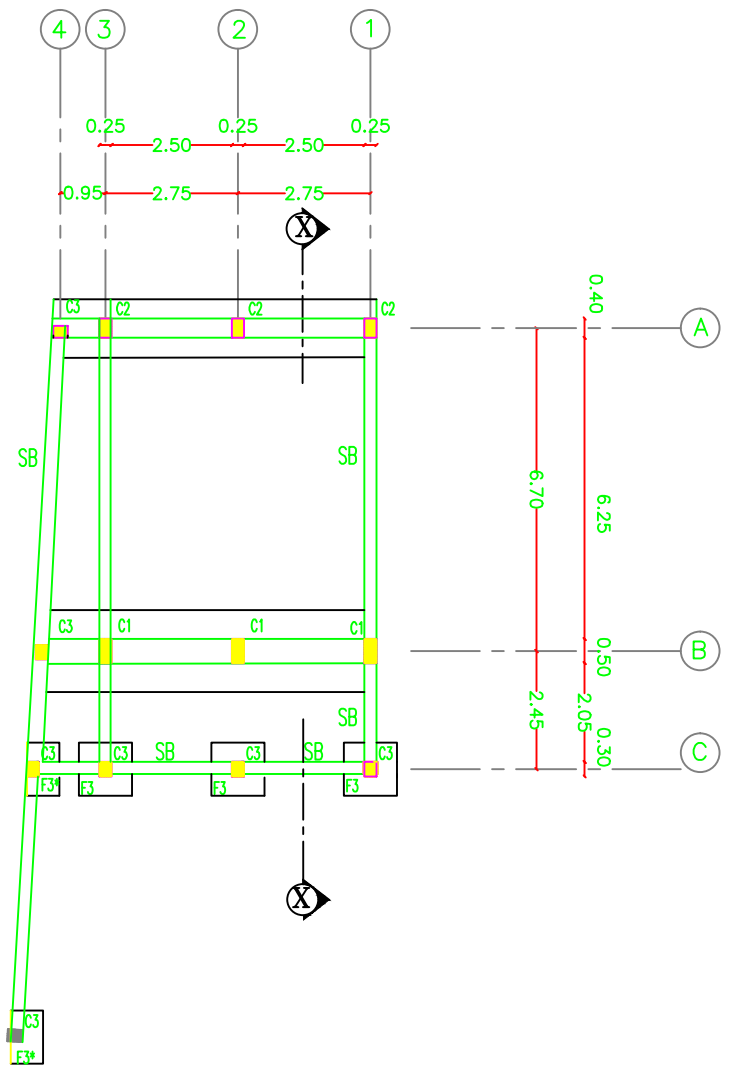
Abdul Karim Al Karmi primary Boys School

Drawing name

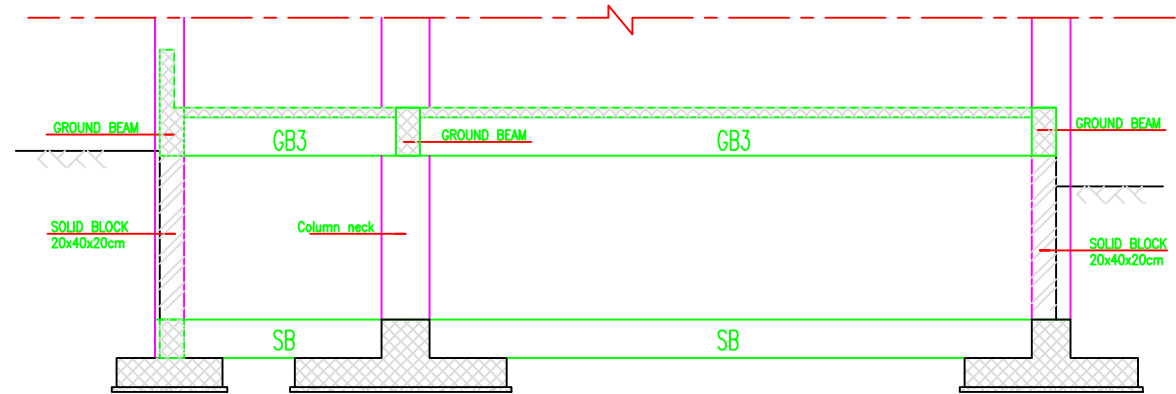
ELEVATION (2 , 3)

Symbol	Drawing No.	Rev. No.
RES	A 05	R1

Structural Drawings



FOUNDATION PLAN



SECTION X - X

NOTES:

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- FOUNDATION WAS DESIGNED TO HAVE GROUND FLOOR, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDERD RADII OF BENDS AND HOOKS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE

BENDS

HOOKS

BAR SIZE	GRADE 250 (TYPE AND GRADE R)	GRADE 410 (TYPE AND GRADE L)
D	R	R
6	12	18
8	16	24
10	20	30
12	24	36
14	28	42
16	32	48
18	36	54
20	40	60
25	50	100

FOR TENDER ONLY

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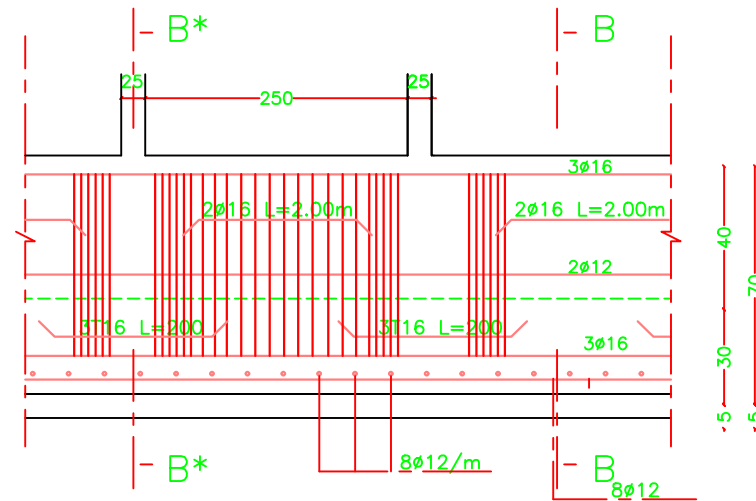
School name

Abdul Karim Al Karmi primary Boys School

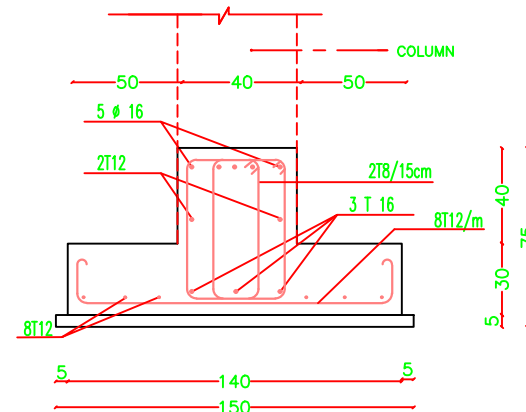
Drawing name

FOUNDATION PLAN
(The separated unit)

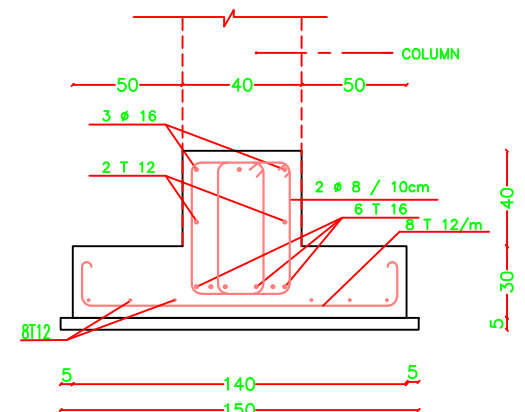
Symbol	Drawing No.	Rev. No.
RES	S 01	R1



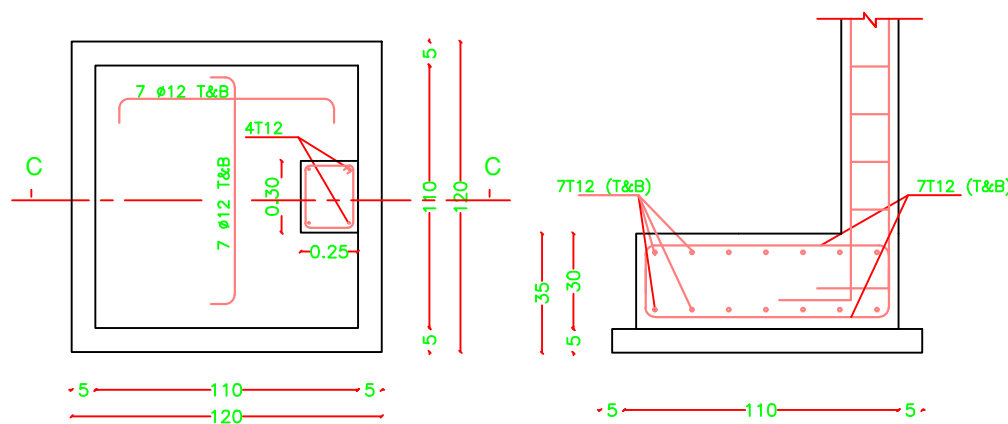
REINFORCEMENT DETAILS FOR F2 (1.40x0.30x0.40){DET.3}



INVERTED T SECTION B - B (F2)

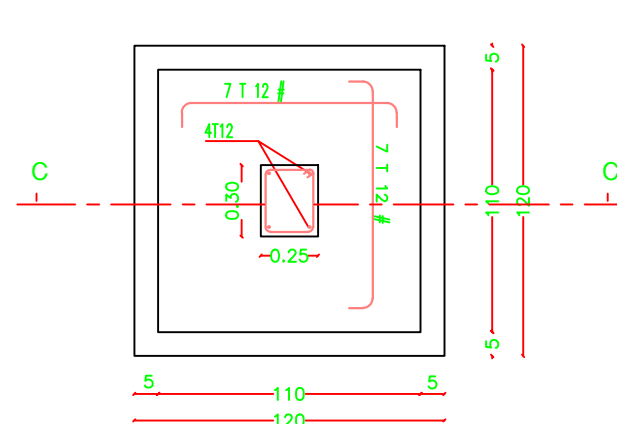


INVERTED T SECTION B* - B* (F2)

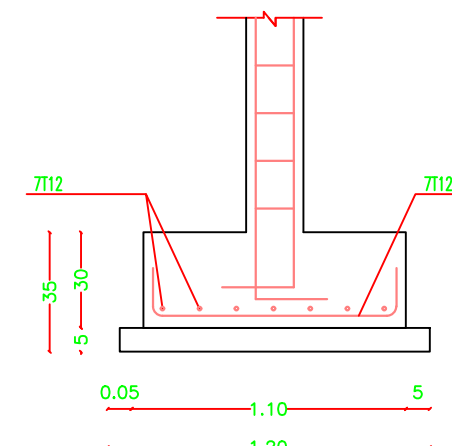


F3* - C3

SECTION C - C (F3*)
SCALE 1 : 20



F3 - C3



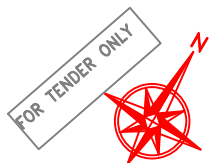
SECTION C - C (F3)

NOTES:

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BAR SIZE	GRADE 250 (TYPE AND GRADE R)	GRADE 410 (TYPE AND GRADE L)
D	R	R
6	12	18
8	16	24
10	20	30
12	24	36
14	28	42
16	32	48
18	36	54
20	40	60
25	50	100



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Project Name

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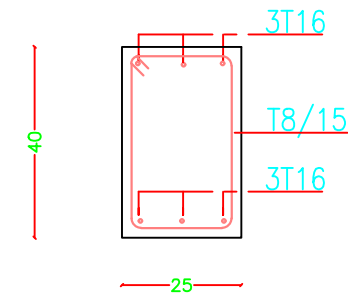
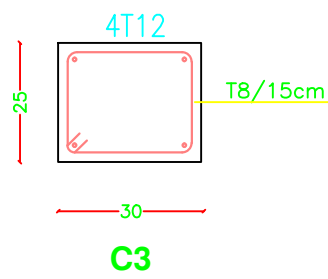
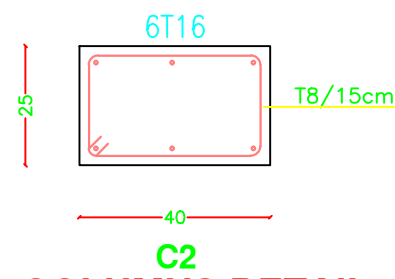
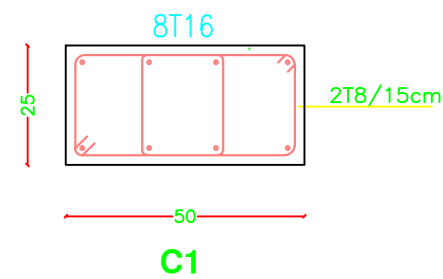
School name

Abdul Karim Al Karmi primary Boys School

Drawing name

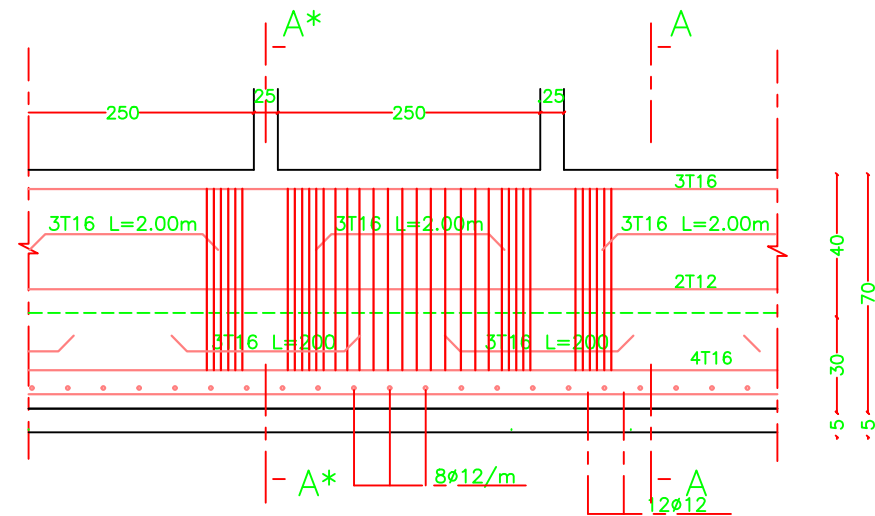
FOUNDATIONS AND COLUMN DETAILS

Symbol	Drawing No.	Rev. No.
RES	S02	R1

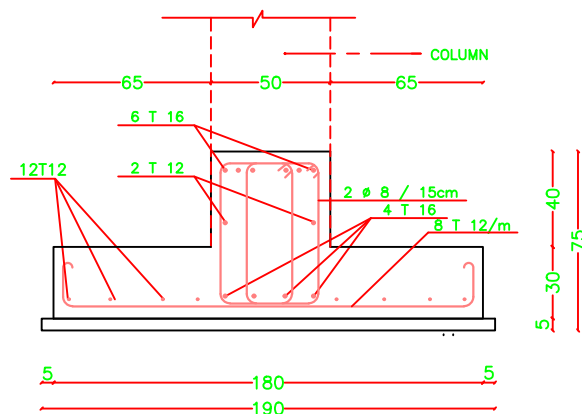


COLUMNS DETAIL

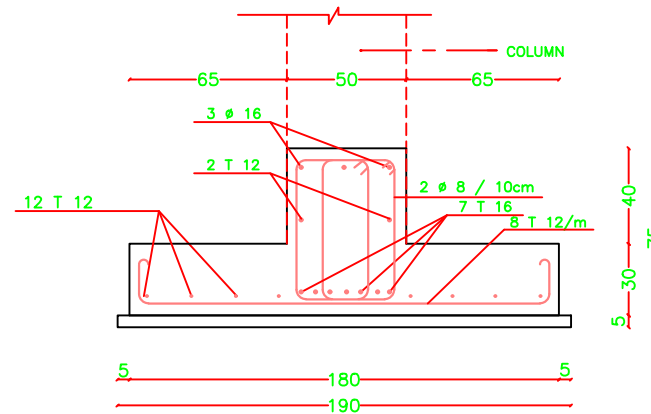
STRAB BEAM SB DETAIL



REINFORCEMENT DETAILS FOR F1 (1.80x0.30x0.40){DET.2}



INVERTED T SECTION A - A (F1)



INVERTED T SECTION A * - A * (F1)

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10	20	30
12	24	36
14	28	42
16	32	48
18	36	54
20	40	60
25	50	100



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Project Name

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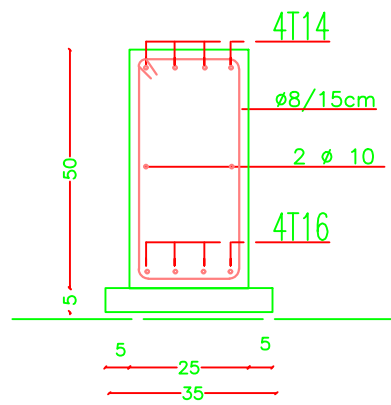
School name

Abdul Karim Al Karmi primary Boys School

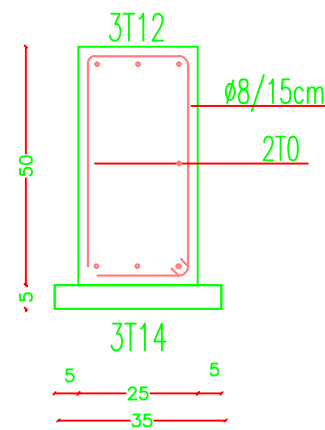
Drawing name

FOUNDATIONS AND COLUMN DETAILS

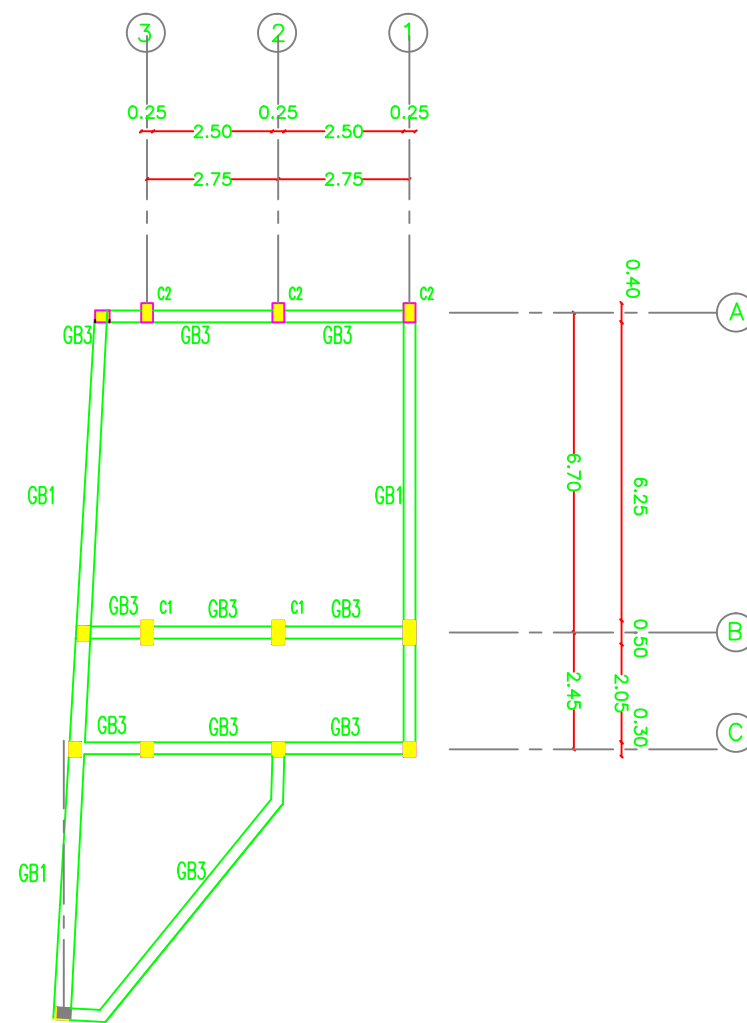
Symbol	Drawing No.	Rev. No.
RES	S 03	R1



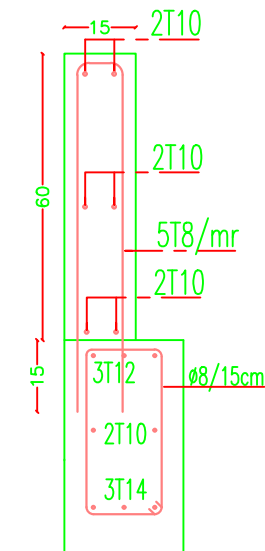
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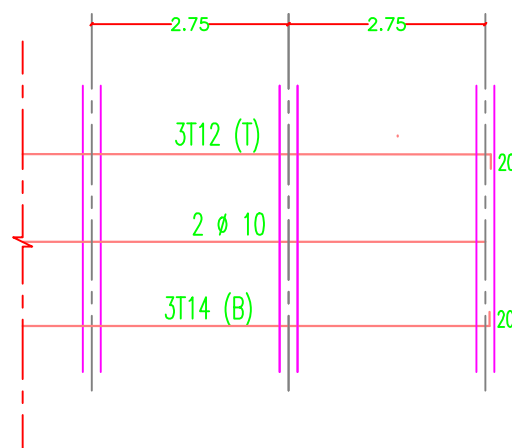
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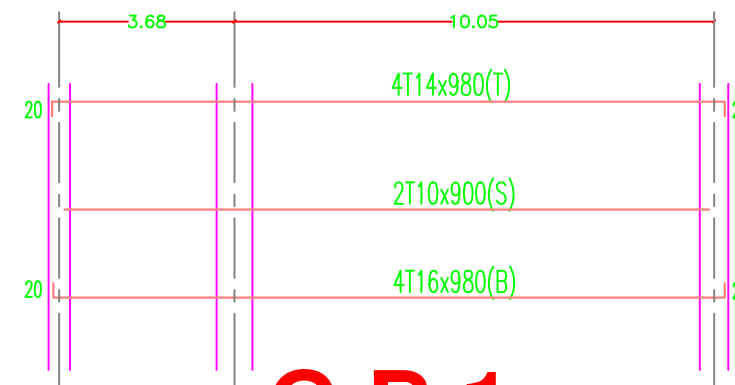
GROUND BEAM PLAN



WALL PARAPET AT GROUND FLOOR CORRIDORS



G B 3



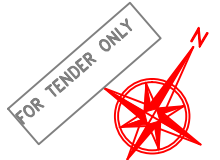
G B 1

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Project Name

RIGHT TO EDUCATION

School name

Abdul Karim Al Karmi primary Boys School

Drawing name

GROUND BEAMS (The separated unit)

Symbol	Drawing No.	Rev. No.
RES	S 04	R1



WALL PARAPET AT CORRIDORS



BAR SIZE	GRADE 250 (TYPE AND GRADE R)	GRADE 410 (TYPE AND GRADE L)
D	R	R
6	12	18
8	16	24
10	20	30
12	24	36
14	28	42
16	32	48
18	36	54
20	40	60
25	50	100



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IMPLEMENTED BY



United Nations Development Programme
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

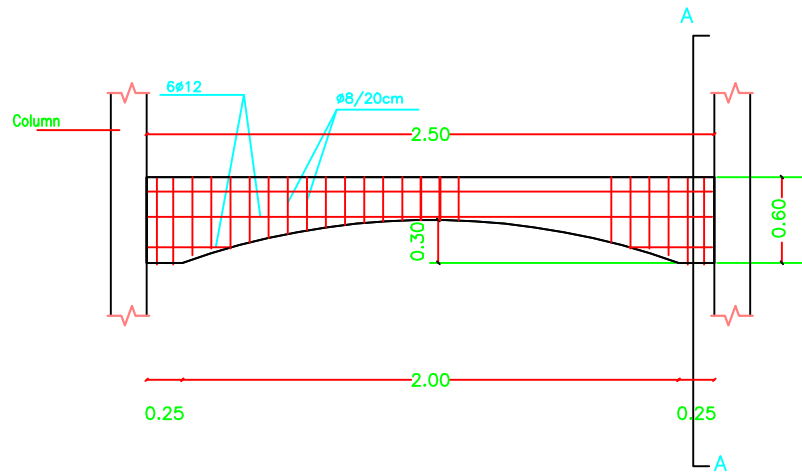
Abdul Karim Al Karmi primary Boys School

Drawing name

SLAB DETAILS (The separated unit)

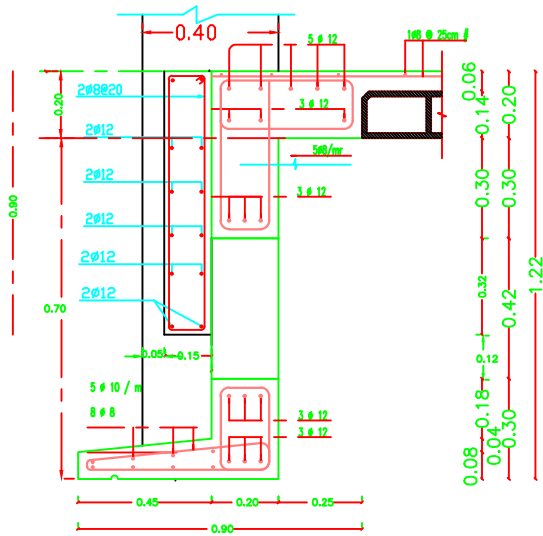
Symbol	Drawing No.	Rev. No.
RES	S 05	R1

The Contractor has to submit detailed Shop Drawings of all works for approval Of the supervisor Engineer

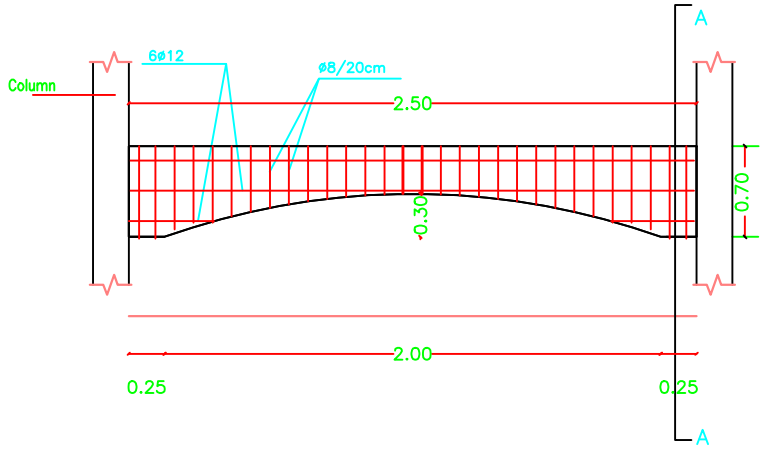


Details of Arches in Second Floor Back Elevations

SCALE 1:50

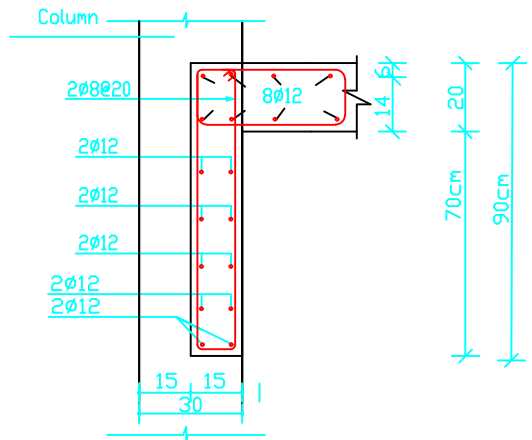


FINAL ROOF FOR BACK ELEVATION



Details of Arches in Second Floor Front Elevations

SCALE 1:50



Section A-A

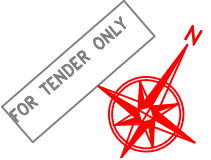
Details of Arches in Second Floor Front and Front Elevations

NOTES:

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BAR SIZE	GRADE 250 (TYPE AND GRADE R)	GRADE 410 (TYPE AND GRADE L)
	R	R
6	12	18
8	16	24
10	20	30
12	24	36
14	28	42
16	32	48
18	36	54
20	40	60
25	50	100



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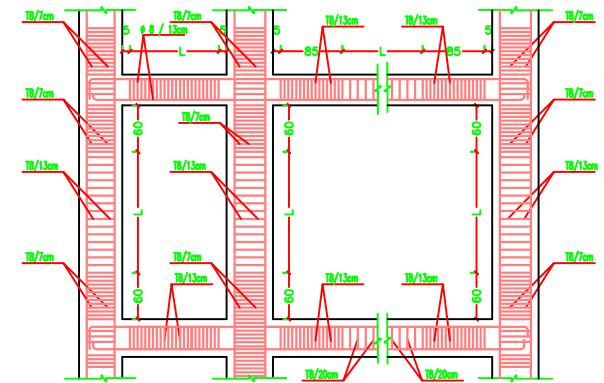
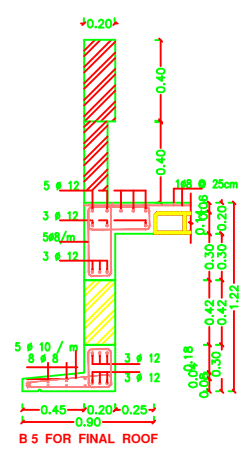
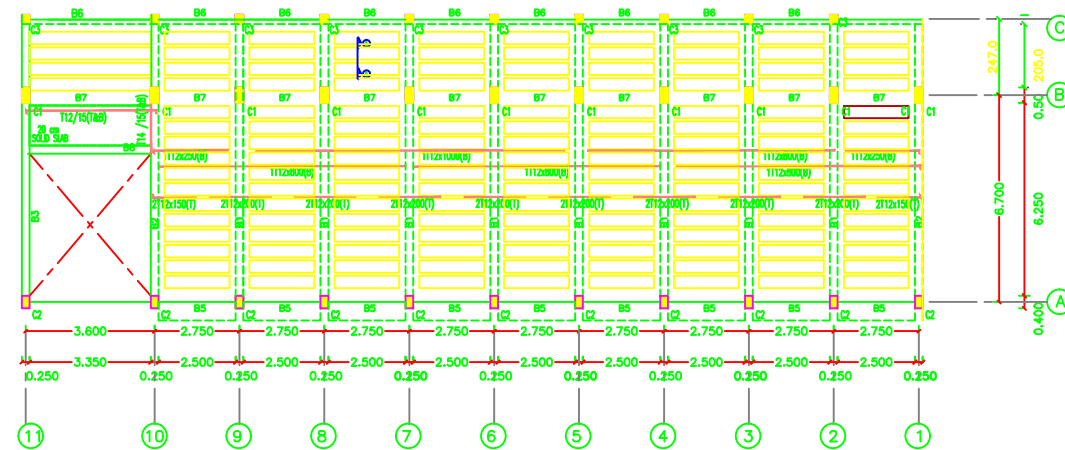
School name

Abdul Karim Al Karmi primary Boys School

Drawing name

ARCH DETAIL

Symbol	Drawing No.	Rev. No.
RES	S06	R1



STIRRUPS SPACING IN COLUMNS & BEAMS

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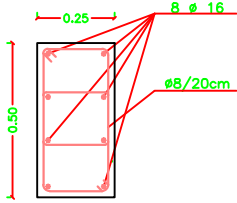
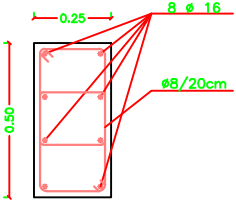
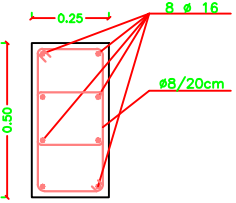
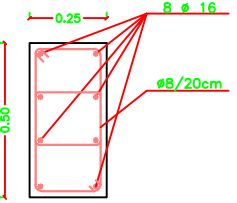
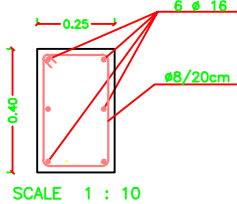
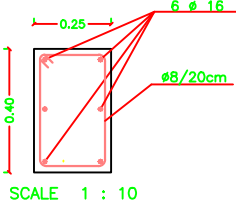
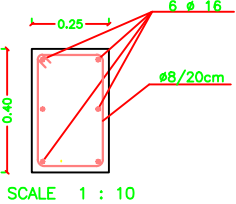
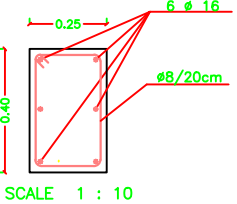
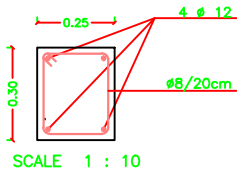
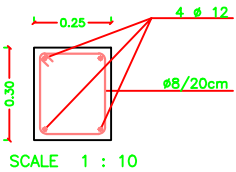
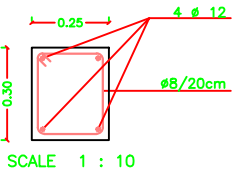
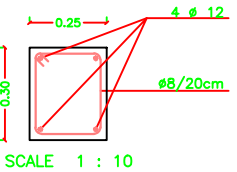
School name

Abdul Karim Al Karmi primary Boys School

Drawing name

TYPICAL SLAB

Symbol	Drawing No.	Rev. No.
RES	S 07	R1

TYPE	NECK COLUMNS	GROUND FLOOR COLUMNS	FIRST FLOOR COLUMNS	SECOND FLOOR COLUMNS
C1	 SCALE 1 : 10	 SCALE 1 : 10	 SCALE 1 : 10	 SCALE 1 : 10
C2	 SCALE 1 : 10	 SCALE 1 : 10	 SCALE 1 : 10	 SCALE 1 : 10
C3	 SCALE 1 : 10	 SCALE 1 : 10	 SCALE 1 : 10	 SCALE 1 : 10

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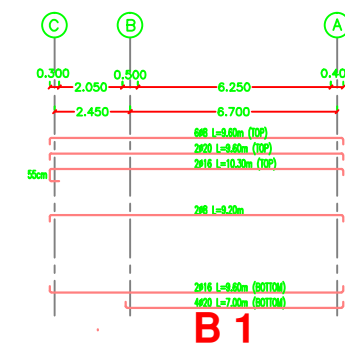
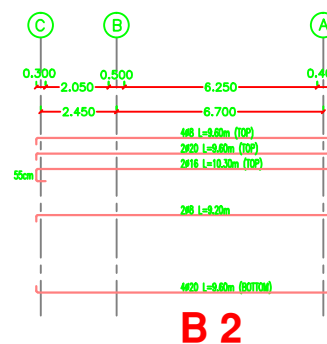
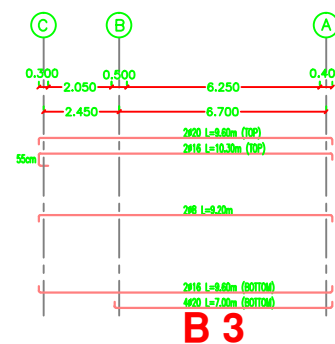
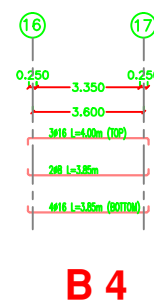
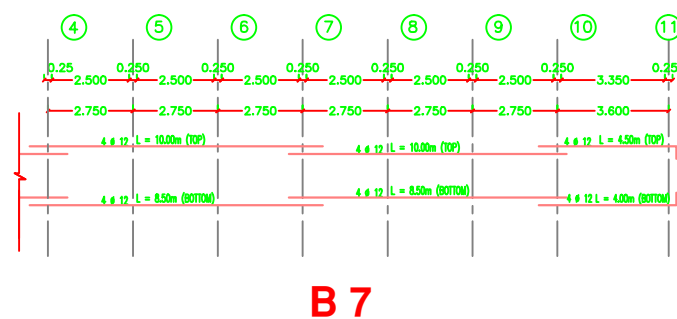
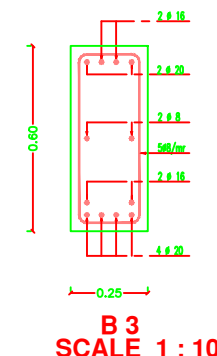
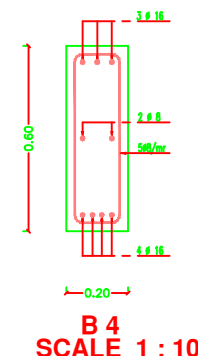
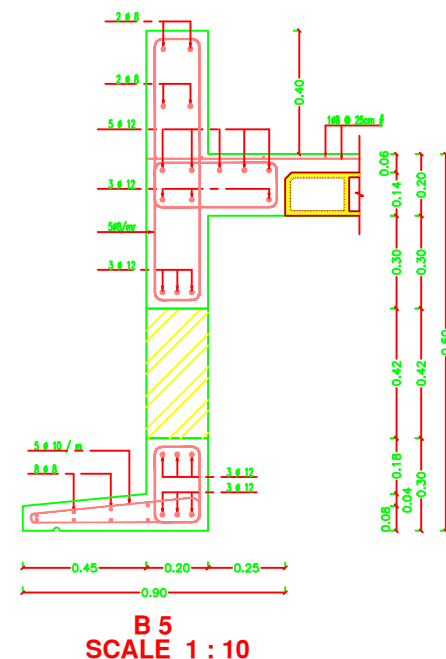
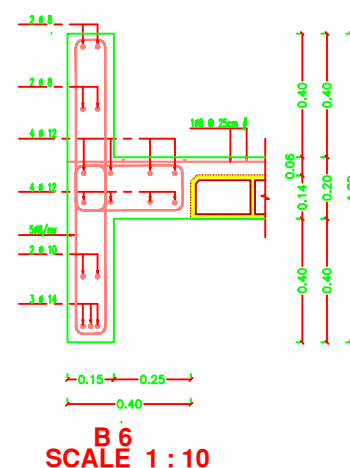
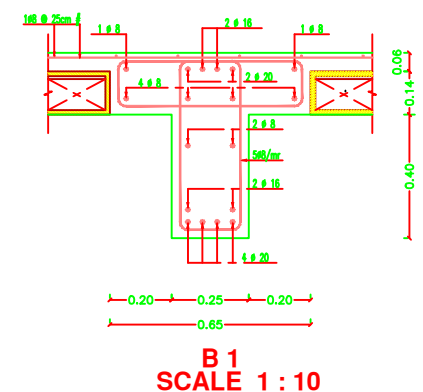
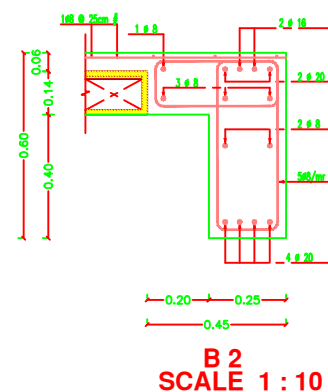
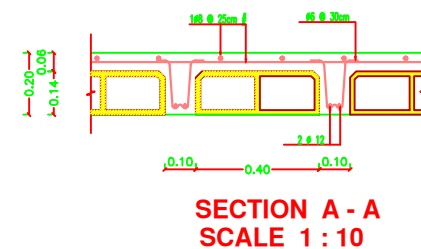
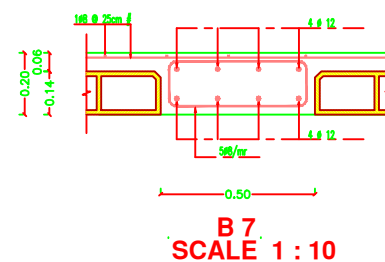
School name

Abdul Karim Al Karmi primary Boys School

Drawing name

COLUMN DETAILS

Symbol	Drawing No.	Rev. No.
RES	S 08	R1



NOTES:

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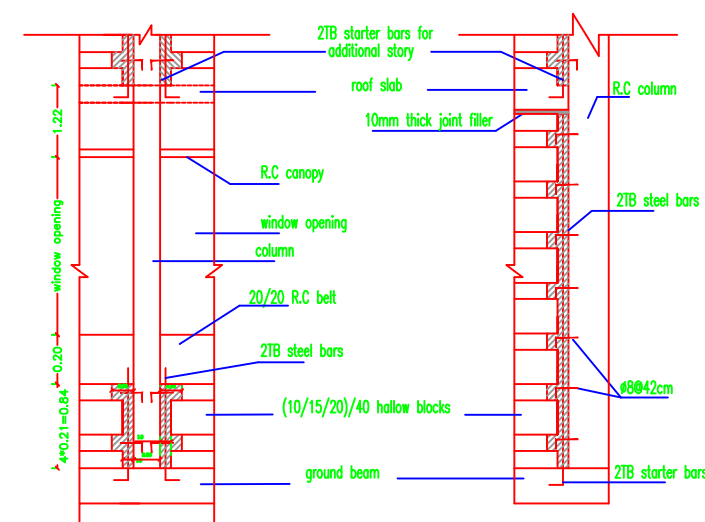
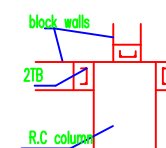
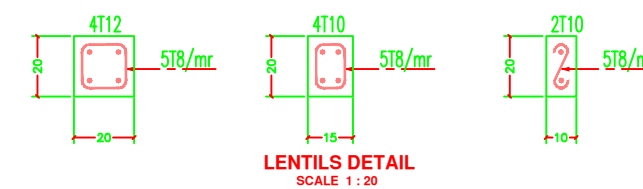
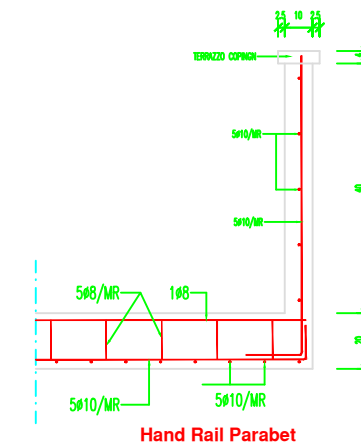
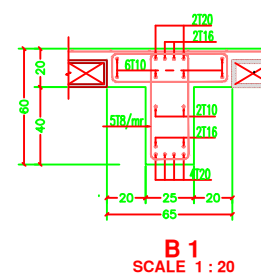
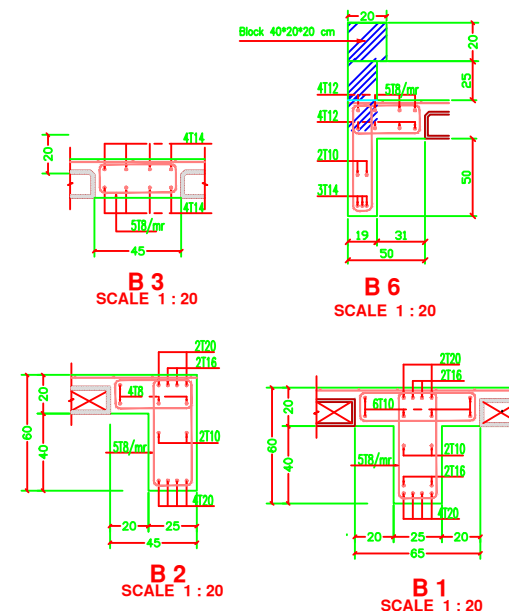
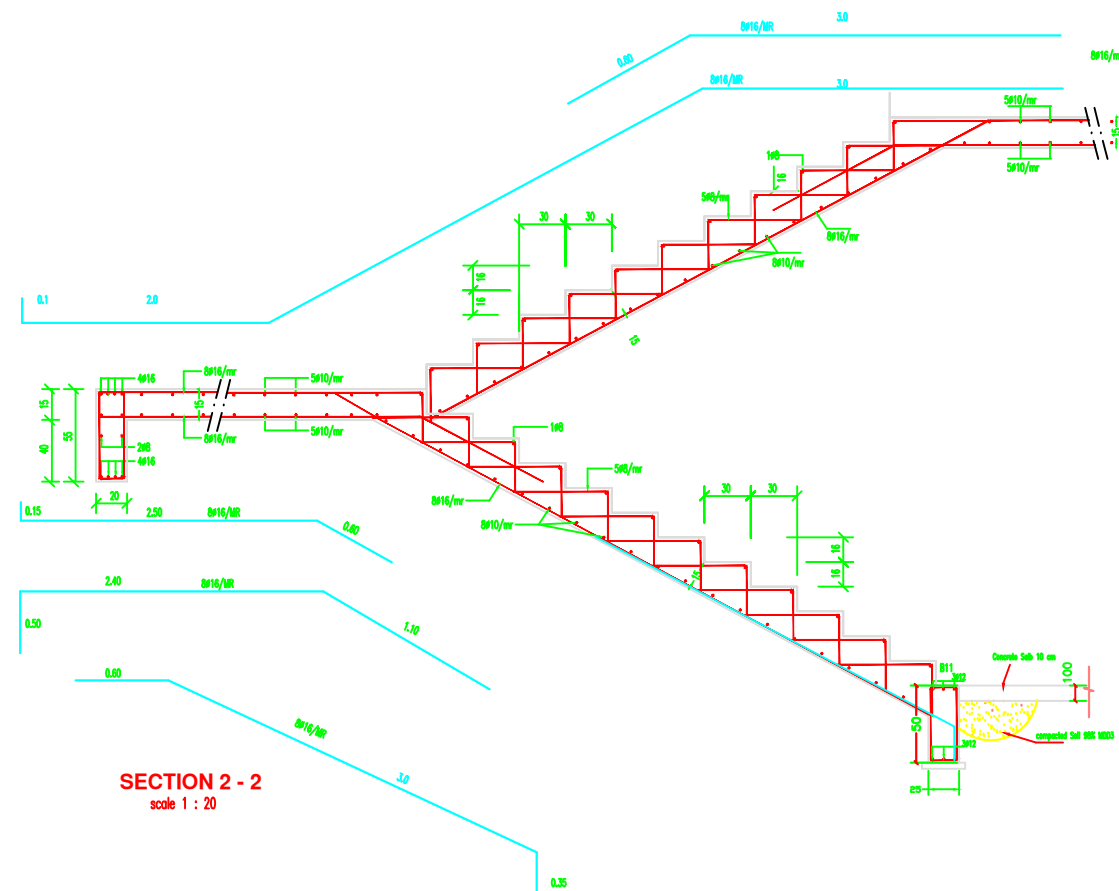
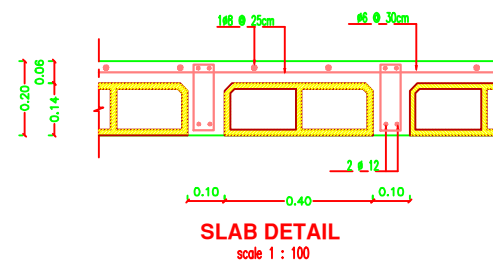
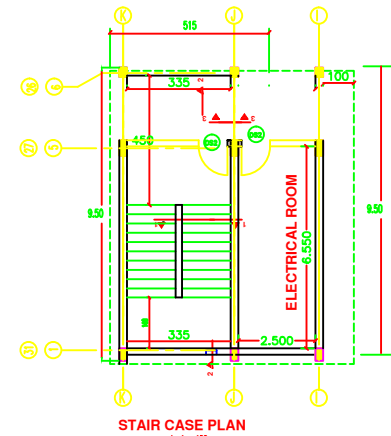
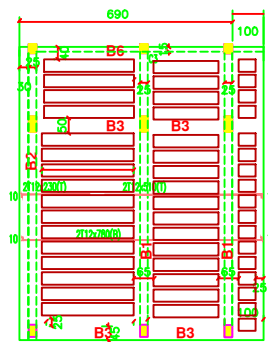
School name

Abdul Karim Al Karmi primary Boys School

Drawing name

TYPICAL SLAB DETAILS

Symbol	Drawing No.	Rev. No.
RES	S 9	R1



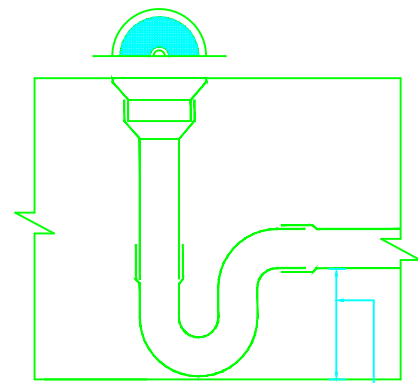
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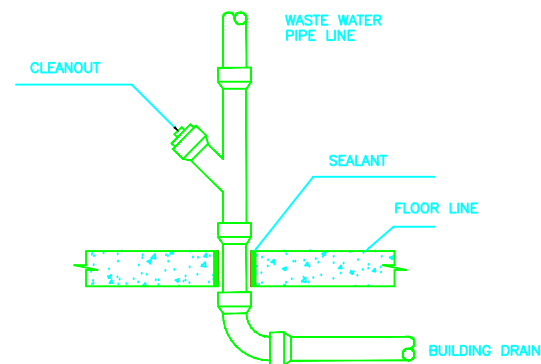


BAR SIZE	GRADE 250	GRADE 410
	(TYPE AND GRADE R)	(TYPE AND GRADE L)
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18	36	54
20	40	60
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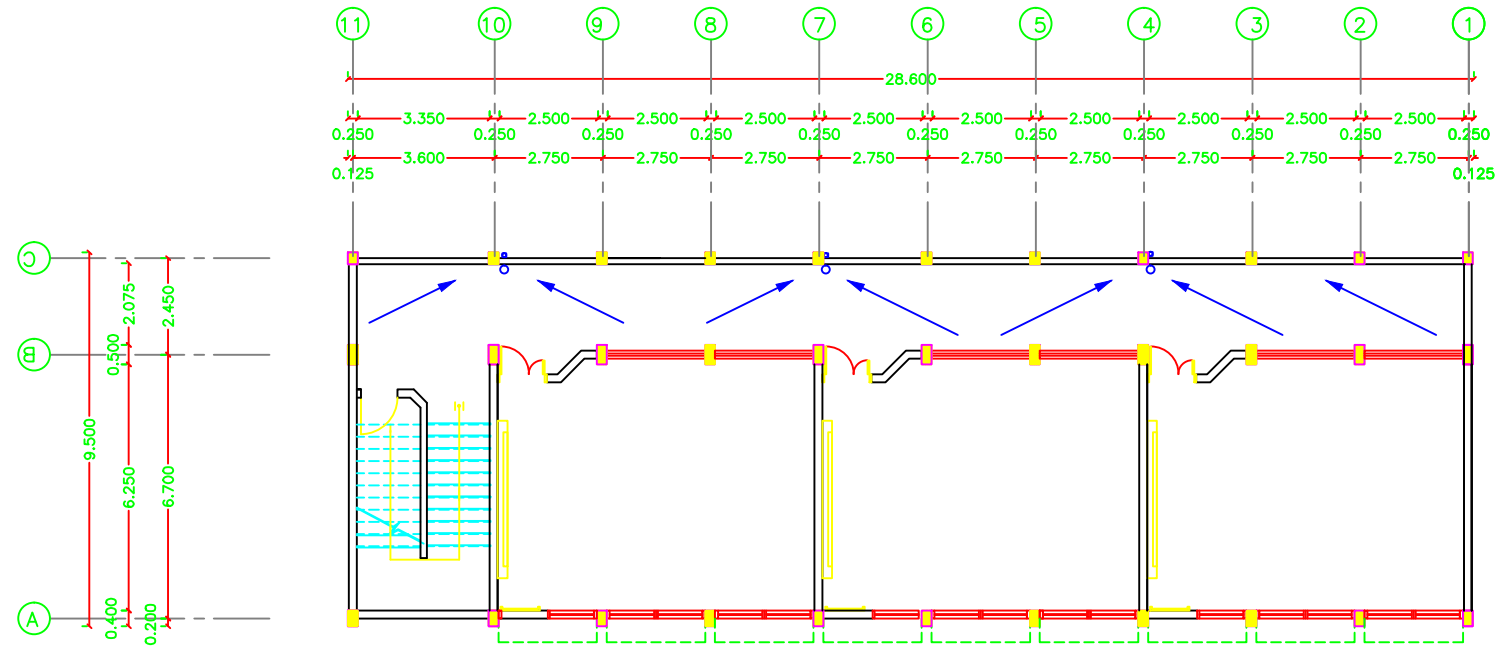
Mechanical Drawings



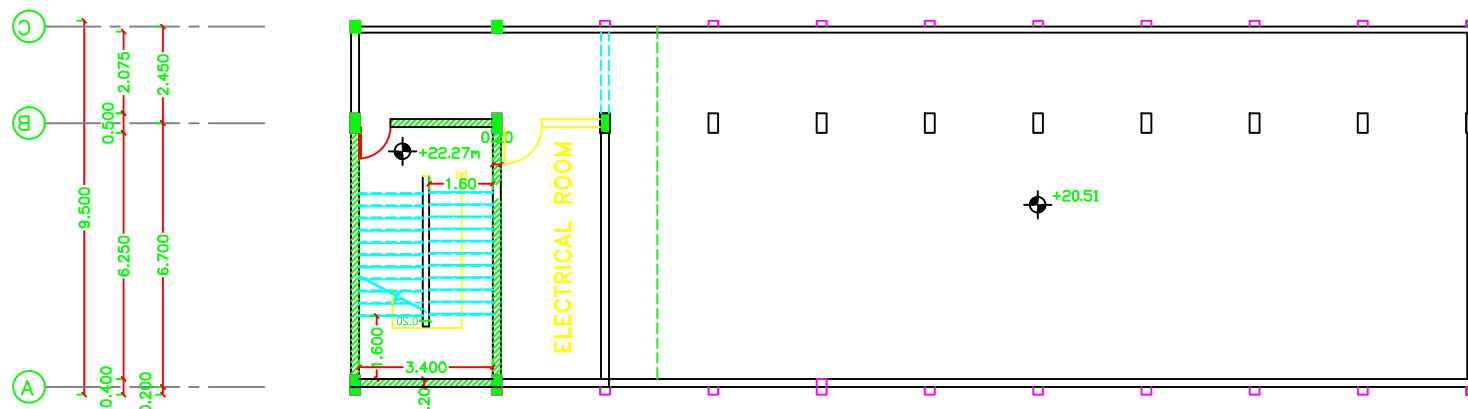
TRAP SEAL MUST BE AT LEAST 15 cm
TYPICAL FLOOR DRAIN TRAP



DRAINAGE PIPE CONNECTION DETAIL



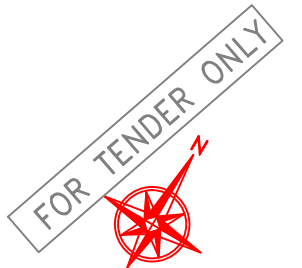
GROUND FIRST & SECOND FLOOR SANITARY PLAN



ROOF FLOOR PLAN

NOTES:

-FFL(+0.00) IS THE FINISHED FLOOR LEVEL INDICATED
IN THE SITE LAYOUT DRAWING.
C1-ROUGH CONCRETE FINISH



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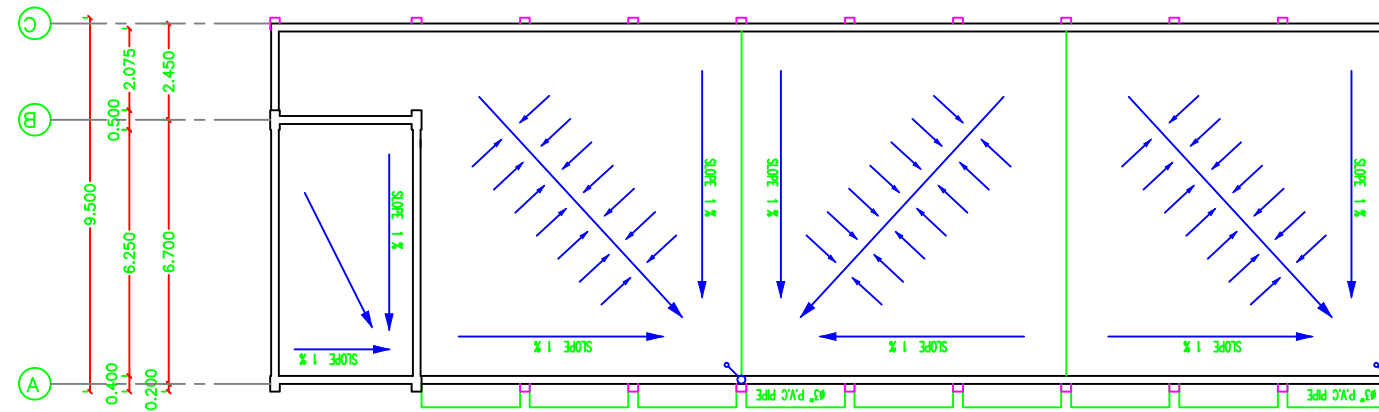
School name

Abdul Karim Al Karmi primary Boys School

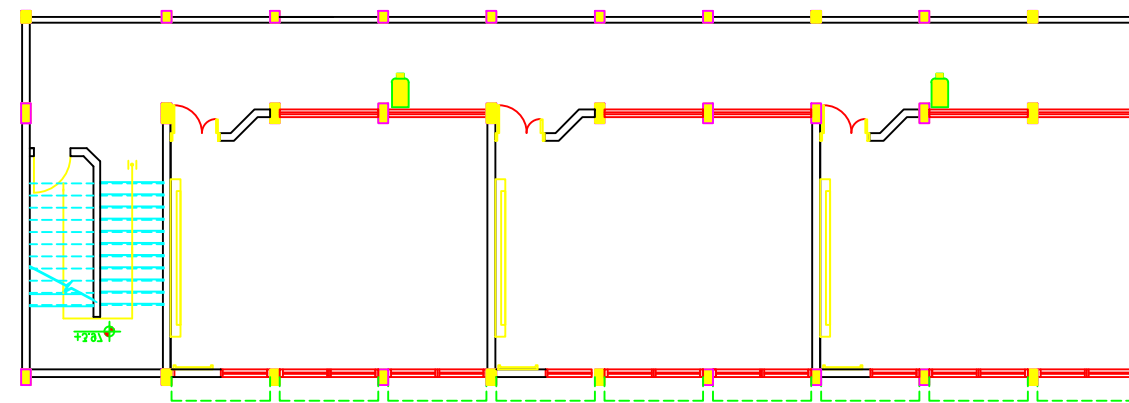
Drawing name

CORRIDOR FLOOR TRABE

Symbol	Drawing No.	Rev. No.
RES	M02	R1



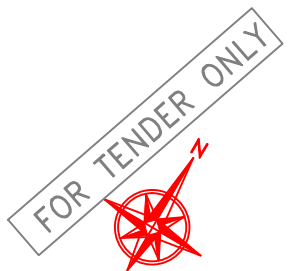
DRAINAGE PLAN



SECOND FLOOR FIRE FIGHTING SYSTEM

NOTES:

-F.F.L.(+0.00) IS THE FINISHED FLOOR LEVEL INDICATED IN THE SITE LAYOUT DRAWING.
C1-ROUGH CONCRETE FINISH



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Drawing name

MECHANICAL WORKS

Symbol	Drawing No.	Rev. No.
RES	M 01	R1

Electrical Drawings




كلوب مربع لرقم البيت	
نجفة مثبتة في السقف	
نجفة مثبتة في الحائط	
مصباح سقف عادي معلق	
مصباح حائط عادي	
مصباح حائط خافت	
مصباح البقعة	
مصباح مرآة الحمام	
مروحة سقف	
مروحة شفط	
مدفأة حمام	
مفتاح مروحة سقف	
مفتاح مدفأة الحمام	
مفتاح سخان الحمام	
وحدة الانتركوم الداخلية	
وحدة الانتركوم الخارجية	
لوحة توزيع كهرباء رئيسية	
لوحة توزيع كهرباء فرعية	
لوحة توزيع اتصالات رئيسية	
لوحة توزيع اتصالات فرعية	

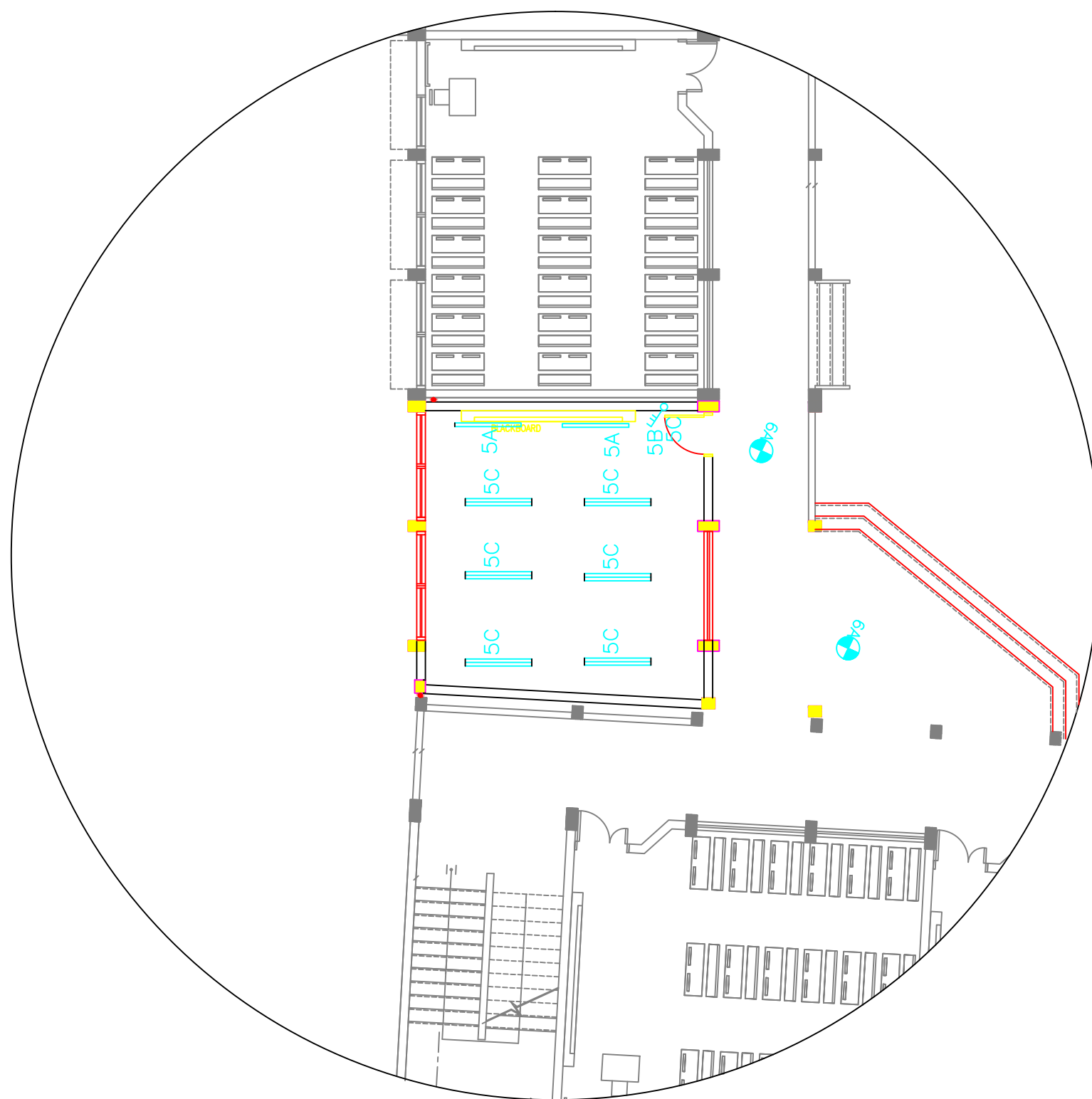
جدول الرموز الكهربائية

الرمز	البيان
	مفتاح كهرباء مفرد
	مفتاح كهرباء مزدوج
	مفتاح ثلاثي
	ضاغط جرس
	ضاغط انارة الدرج
	جرس كهرباء
	مخرج كهرباء عادي
	مخرج كهرباء بغطاء
	مخرج كهرباء عادي ٣ فاز
	مخرج كهرباء بغطاء ٣ فاز
	مخرج كهرباء بمفتاح لزوم مكيف
	مخرج سائلايت
	مخرج تليفون
	مصباح فلورسنت مفرد
	مصباح فلورسنت مزدوج
	مصباح فلورسنت مستطيل شاحن
	مصباح حائط دائري
	كلوب دائري
	كلوب كروي مائل

NOTES

4			
3			
2			
1			
No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	

<p>PALESTINIAN NATIONAL AUTHORITY</p> 		
<p>DONATED BY:</p>  <p>EDUCATION ABOVE ALL Al Fakhoora Programme</p>		
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<p>PROJECT:-</p> <p>RIGHT TO EDUCATION Abdul Karim Al Karmi primary Boys School</p>		
<p>Keys of Electricity</p>		
Symbol	Drawing No.:	Rev. No.
RES	E 01	R1



GROUND FLOOR LIGHTING PLAN

NOTES

4			
3			
2			
1			
No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015		Scale

PALESTINIAN NATIONAL AUTHORITY

DONATED BY:



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Al Fakhoora Programme

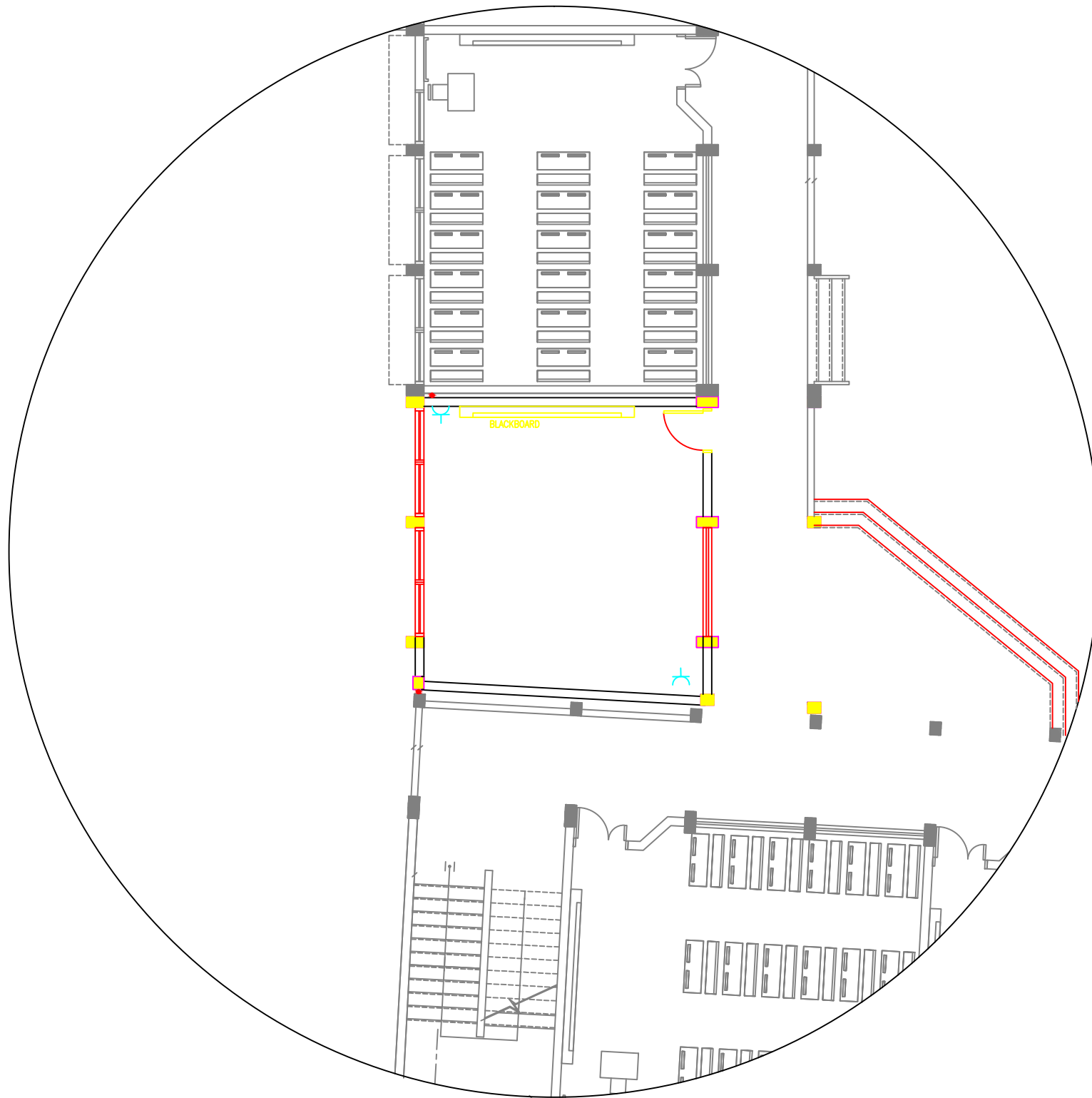
IMPLEMENTED BY:

PROJECT:-

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Abdul Karim Al Karmi primary Boys School

LIGHTING PLAN

Symbol	Drawing No.:	Rev. No.
RES	E 02	R1



GROUND FLOOR POWER SOCKET PLAN

NOTES

4			
3			
2			
1			
No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	

PALESTINIAN NATIONAL AUTHORITY



DONATED BY:



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Al Fakhoora Programme

IMPLEMENTED BY:

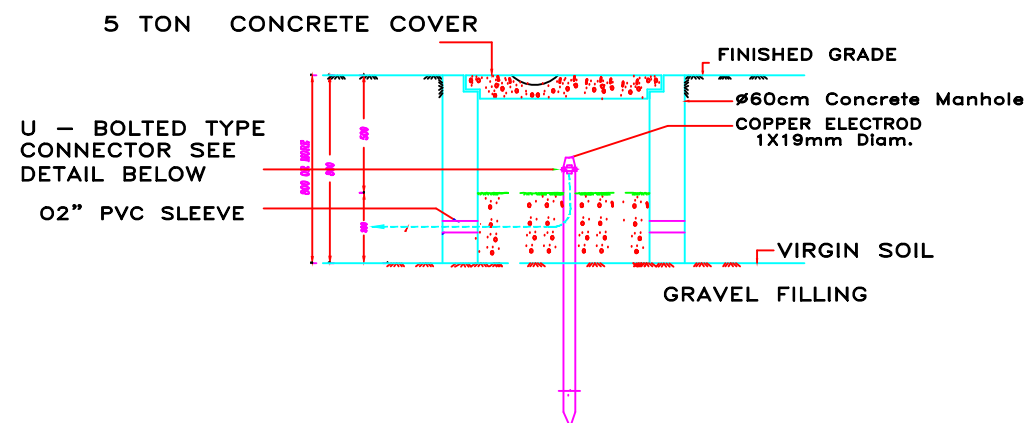
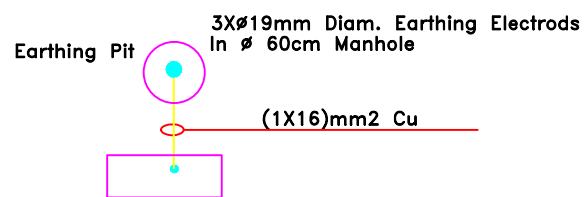
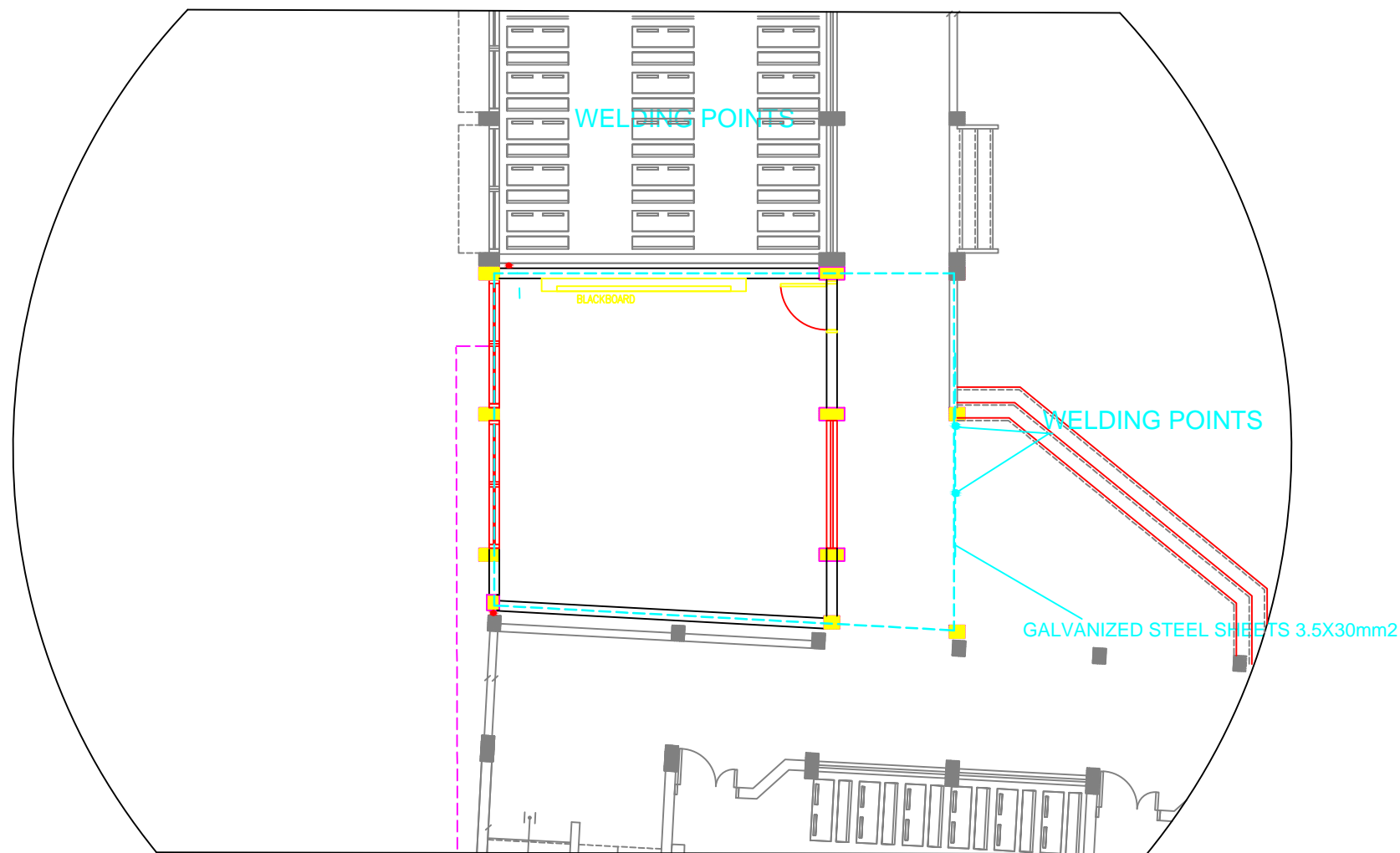


PROJECT:-

RIGHT TO EDUCATION
Abdul Karim Al Karmi primary Boys School

POWER SOCKET PLAN

Symbol	Drawing No.:	Rev. No.
RES	E 03	R1



NOTES

4			
3			
2			
1			
No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	

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IMPLEMENTED BY:



PROJECT:-

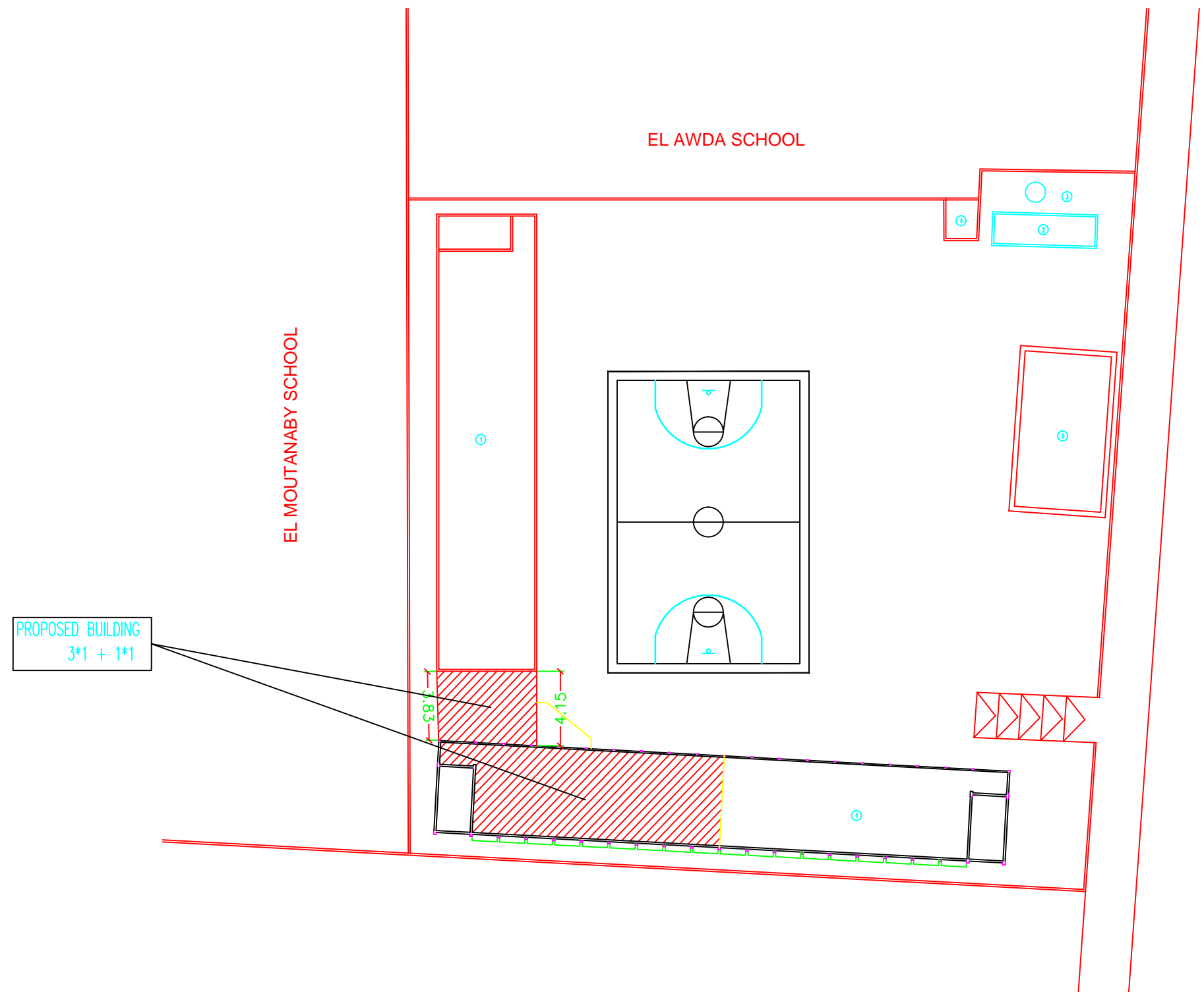
RIGHT TO EDUCATION
Abdul Karim Al Karmi primary Boys School

EARTHING

Symbol	Drawing No.:	Rev. No.
RES	E 04	R1

$$R < 2 \text{ ohm}$$

EARTH PLAN GROUND BEAM



GENERAL LAYOUT

NOTES


4			
3			
2			
1			
No.	Description	Date	By

Revisions

Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	


PALESTINIAN NATIONAL AUTHORITY

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IMPLEMENTED BY:

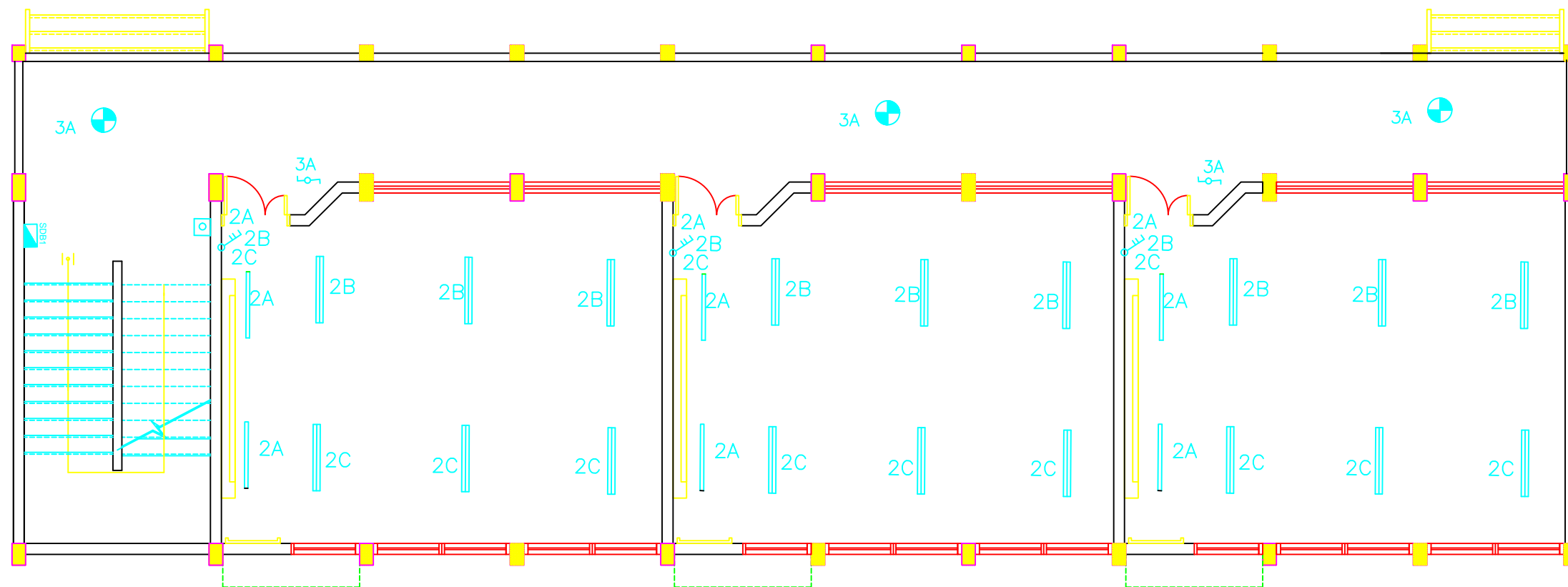


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GROUND FLOOR PLAN CABLE ROUTING

Symbol	Drawing No.:	Rev. No.
RES	E 05	R1



SECOND FLOOR LIGHTING PLAN

NOTES

4			
3			
2			
1			
No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	

PALESTINIAN NATIONAL AUTHORITY

DONATED BY:

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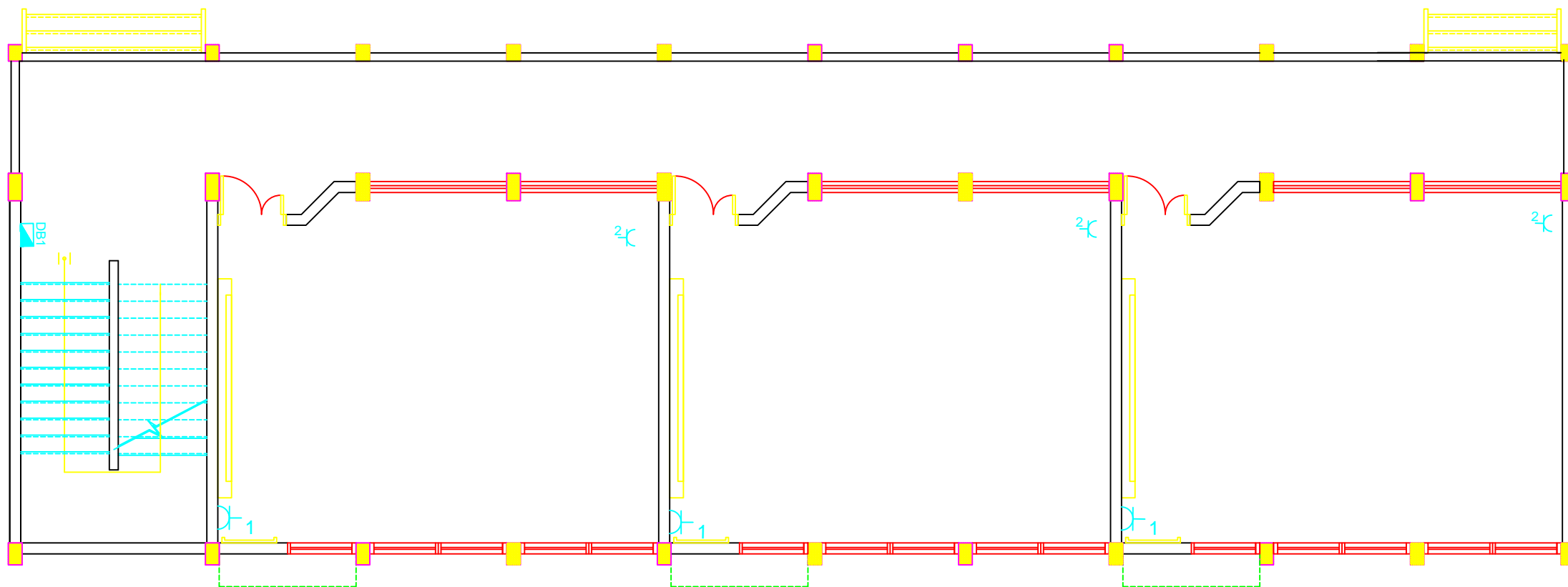
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Abdul Karim Al Karmi primary Boys School

LIGHTING 1st FLOOR

Symbol	Drawing No.:	Rev. No.
RES	E 06	R1



SECOND FLOOR POWER SOCKET PLAN

NOTES

4			
3			
2			
1			
No.	Description	Date	By

Revisions

Designed	ENG. ALAA SHALABY	
Checked	UNDP	
Approved	UNDP	
Date	25/02/2015	Scale

PALESTINIAN NATIONAL AUTHORITY

DONATED BY:

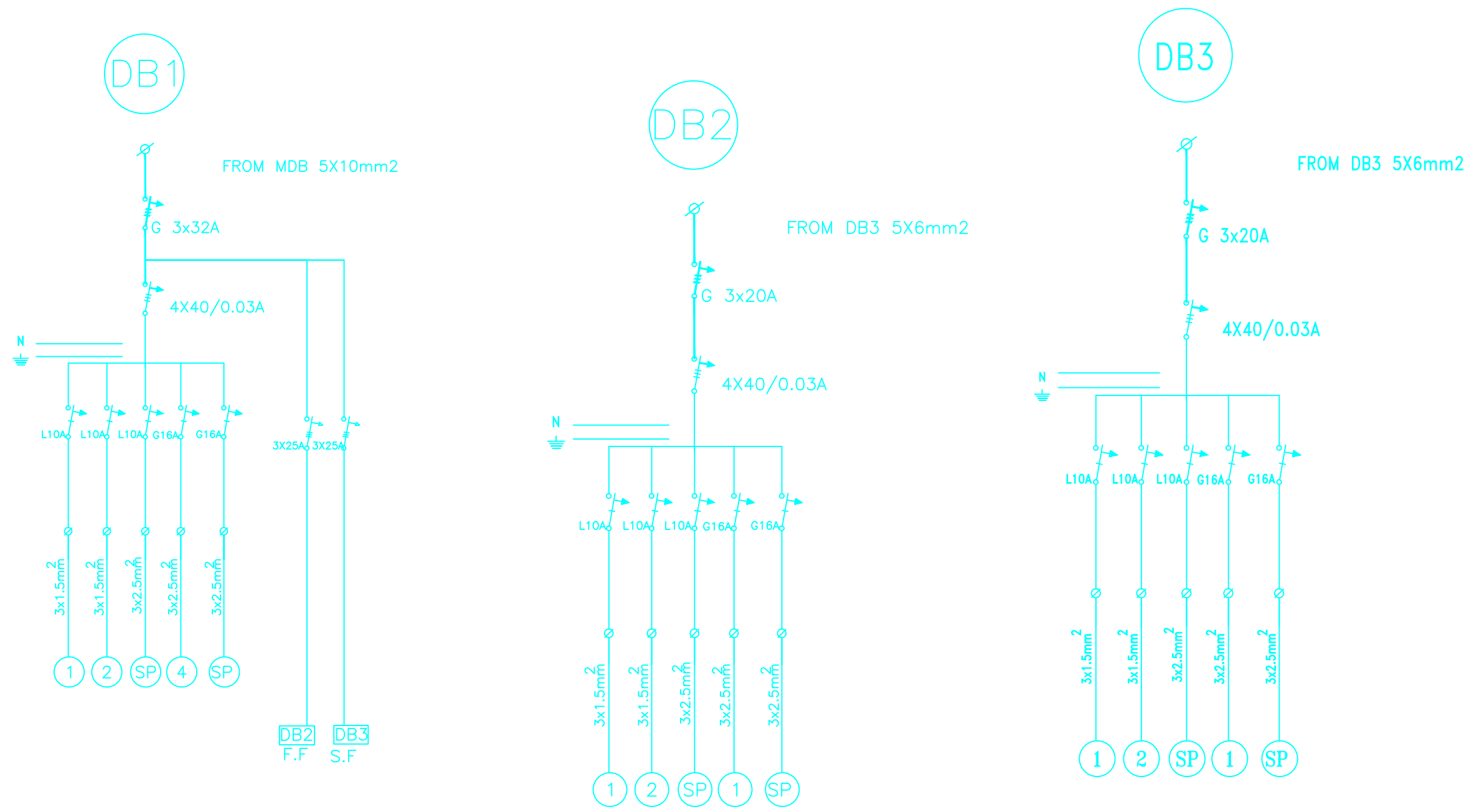
IMPLEMENTED BY:

PROJECT:-

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Abdul Karim Al Karmi primary Boys School

LIGHTING 2nd FLOOR

Symbol	Drawing No.:	Rev. No.
RES	E 07	R1



(SDB1,SDB2,SDB3) SINGLE LINE DIAGRAM

NOTES



4			
3			
2			
1			
No.	Description	Date	By

Revisions


Designed	ENG. ALAA SHALABY	
Checked	UNDP	
Approved	UNDP	
Date	25/02/2015	Scale

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PROJECT:-

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Abdul Karim Al Karmi primary Boys School

SDB SINGLE LINE DIAGRAM

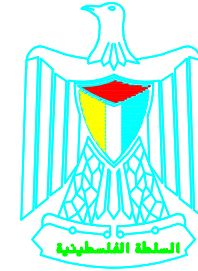
Symbol	Drawing No.:	Rev. No.
RES	E 08	R1



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Programme of Assistance the Palestinian People



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Al Fakhoora Programme



PALESTINIAN NATIONAL AUTHORITY

Project Name

RIGHT TO EDUCATION

School name

Al Motanaby Primary Boys School

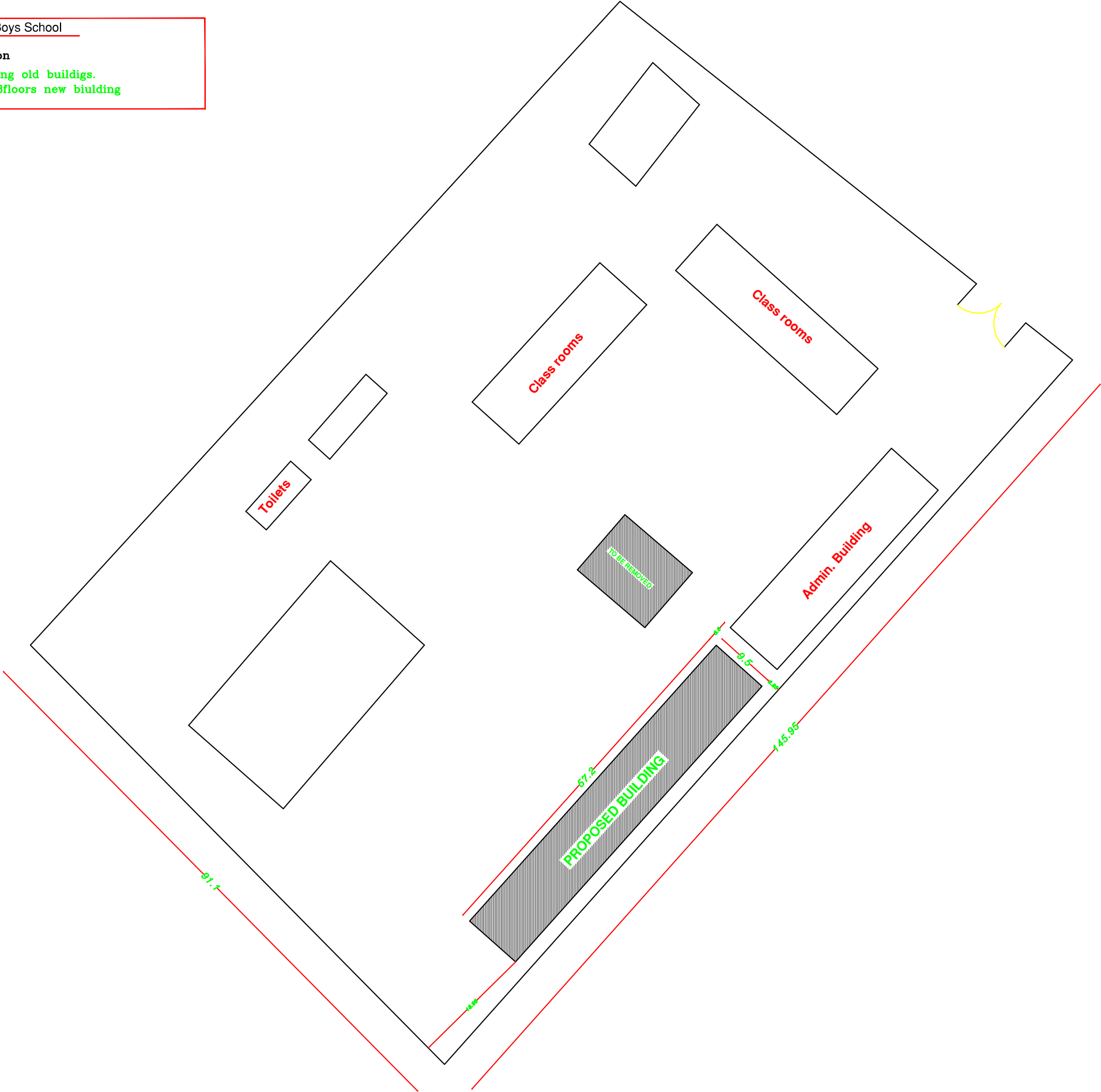
March 2015

Al motanaby Primary Boys School


Proposed Intervention

1. Removal of existing old buildigs.

2. Construction of 3floors new biulding



NOTES:



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Al Fakhroa Programme

IMPLEMENTED BY


United Nations Development Programme
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Project Name
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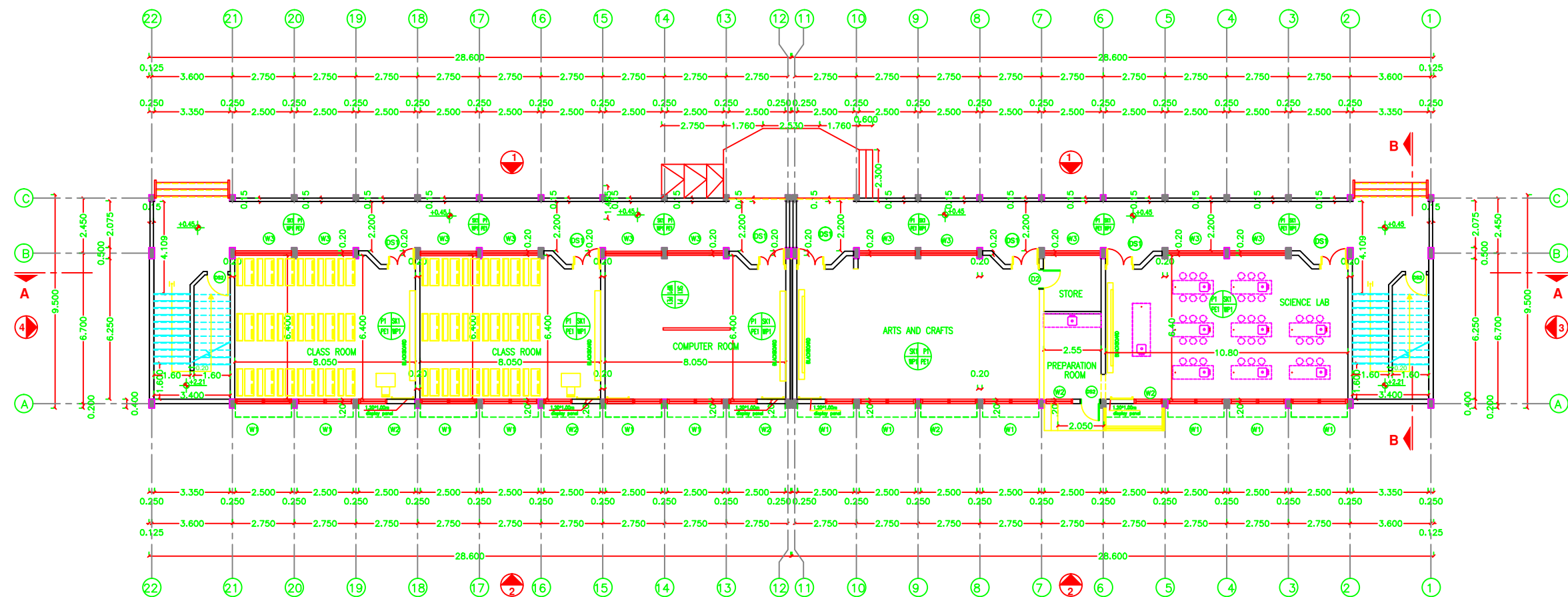
School name
Al motanaby Primary Boys School

Drawing name
SITE LAYOUT

Scale
To Fit

Drawing No.
A 01

Architectural Drawings



NOTES:



- PE1 = PLASTER & EMULSION PAINT (CEILING)
- WP1 = PLASTER & EMULSION PAINT (WALLS)
- P1 = TERRAZO TILE SIZE 30X30X2.5CM MARBLE CHIPS
- SK1 = TERRAZO 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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Al Fakhoora Programme

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Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

ALMOTANABY PRIMARY BOYS SCHOOL

Drawing name

GROUND FLOOR PLAN

Scale

To Fit

Drawing No.

A 02

NOTES:



- PE1 = PLASTER & EMULSION PAINT (CEILING)
- WP1 = PLASTER & EMULSION PAINT (WALLS)
- P1 = TERRAZO TILE SIZE 30X30X2.5CM MARBLE CHIPS
- SK1 = TERRAZO 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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Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

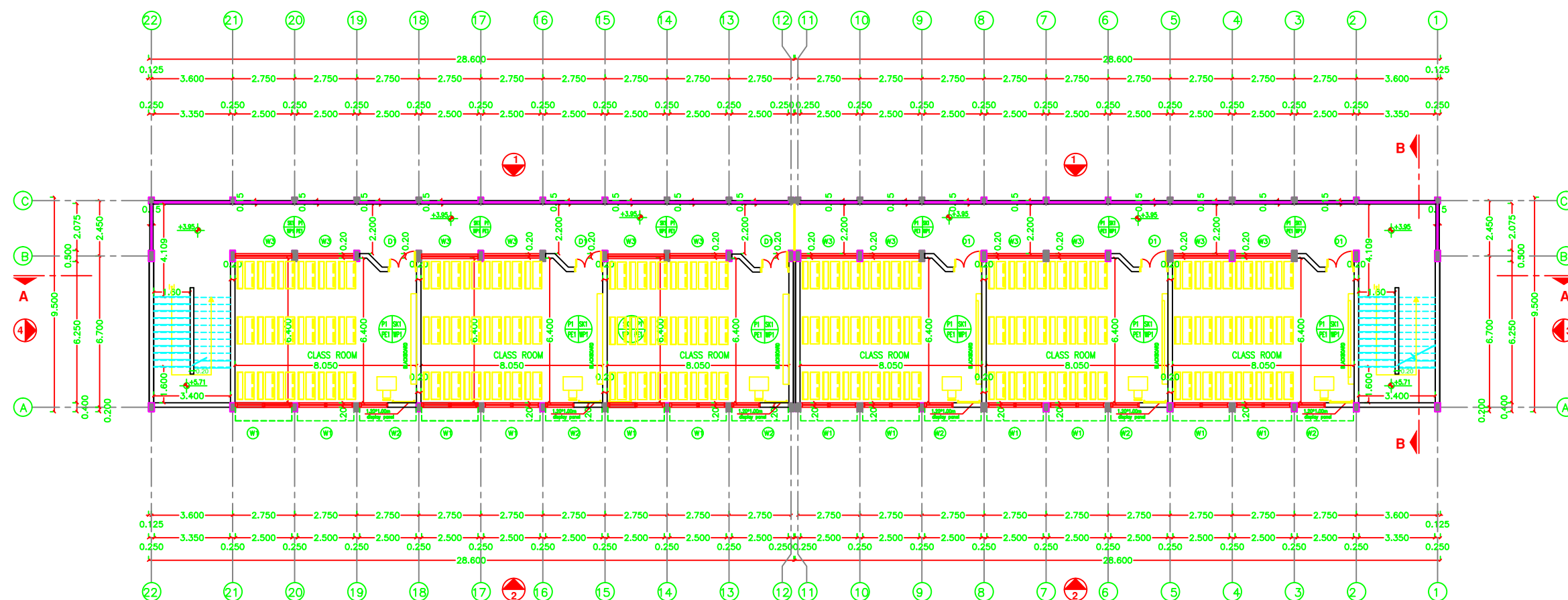
ALMOTANABY PRIMARY BOYS SCHOOL

Drawing name

TYPICAL FLOOR PLAN

Scale
To Fit

Drawing No.
A 03



NOTES:



- PE1 = PLASTER & EMULSION PAINT (CEILING)
- WP1 = PLASTER & EMULSION PAINT (WALLS)
- P1 = TERRAZO TILE SIZE 30X30X2.5CM MARBLE CHIPS
- SK1 = TERRAZO 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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United Nations Development Programme
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

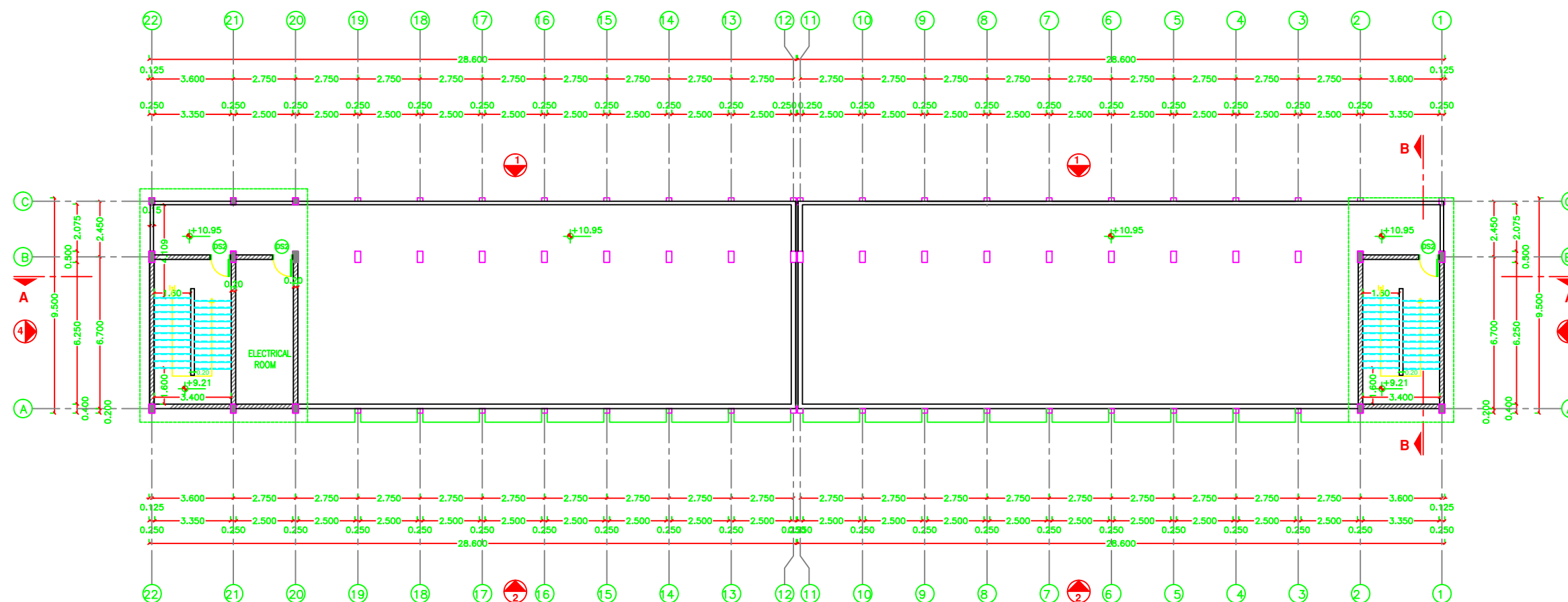
ALMOTANABY PRIMARY BOYS SCHOOL

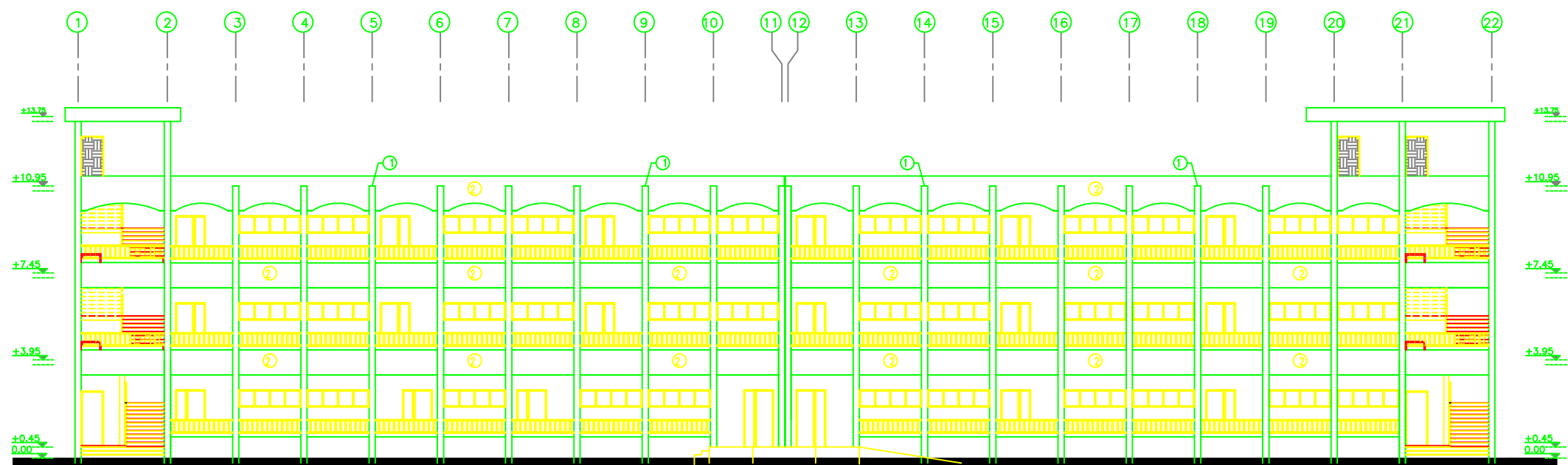
Drawing name

ROOF FLOOR PLAN

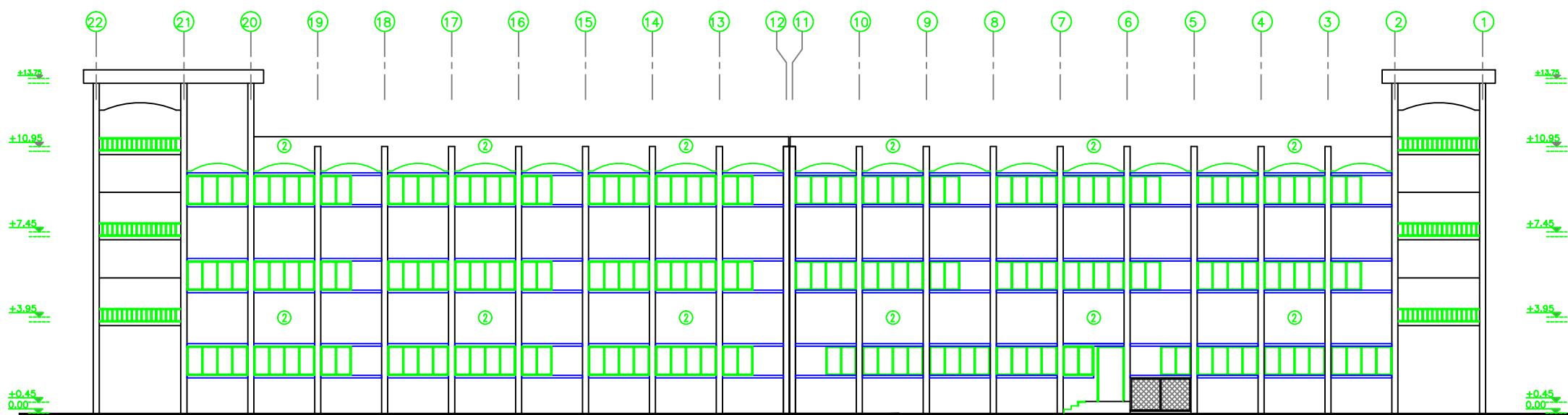
Scale
To Fit

Drawing No.
A 04





ELEVATION 1



ELEVATION 2

NOTES:

- PE1 = PLASTER & EMULSION PAINT (CEILING)
- WP1 = PLASTER & EMULSION PAINT (WALLS)
- P1 = TERRAZZO TILE SIZE 30X30X2.5CM MARBLE CHIPS
- SK1 = TERRAZZO 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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School name

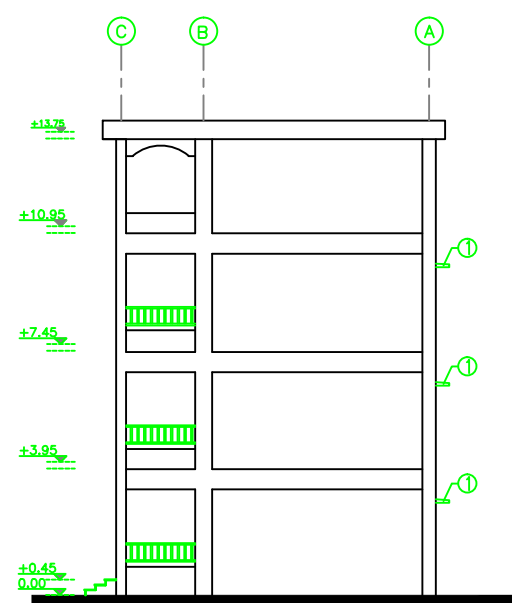
ALMOTANABY PRIMARY BOYS SCHOOL

Drawing name

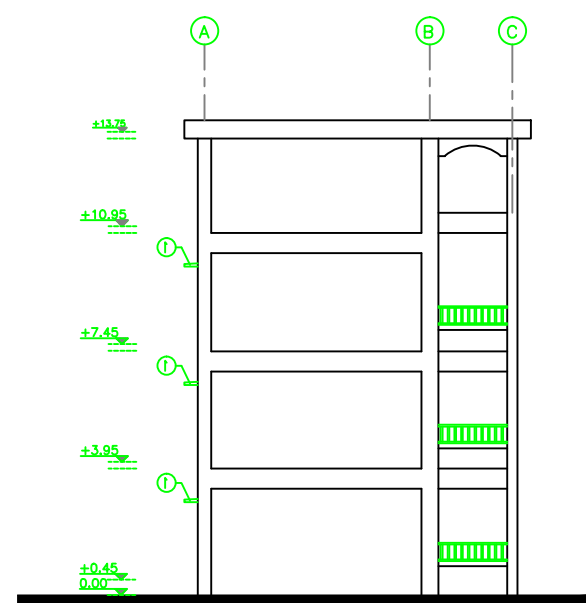
ELEVATIONS 1 & 2

Scale
To Fit

Drawing No.
A 05



ELEVATION 4



ELEVATION 3

NOTES:

- PE1 = PLASTER & EMULSION PAINT (CEILING)
- WP1 = PLASTER & EMULSION PAINT (WALLS)
- P1 = TERRAZO TILE SIZE 30X30X2.5CM MARBLE CHIPS
- SK1 = TERRAZO 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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Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

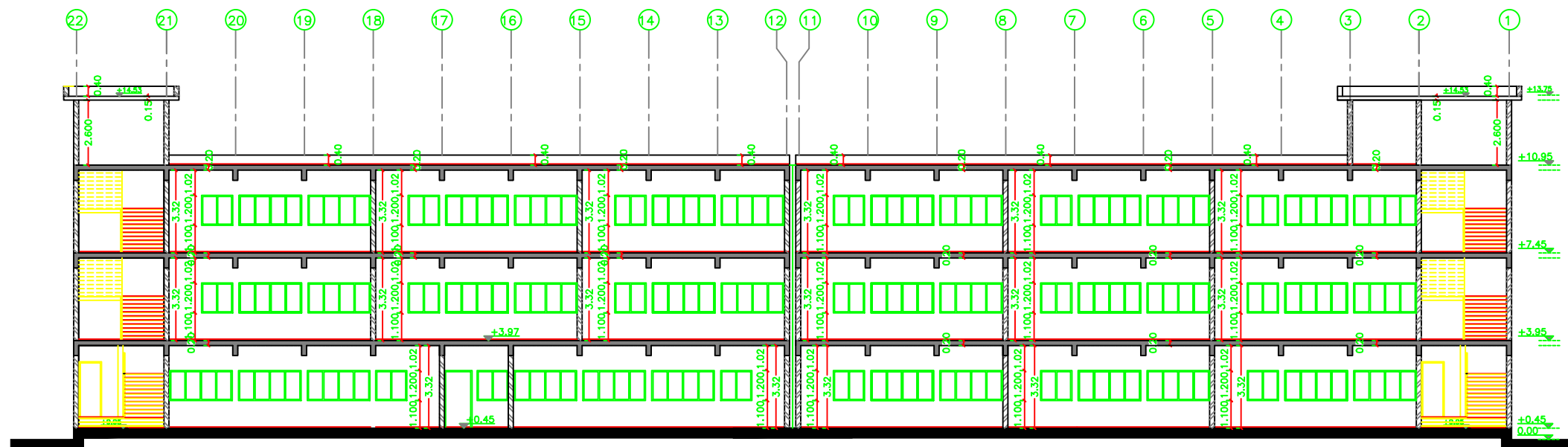
ALMOTANABY PRIMARY BOYS SCHOOL

Drawing name

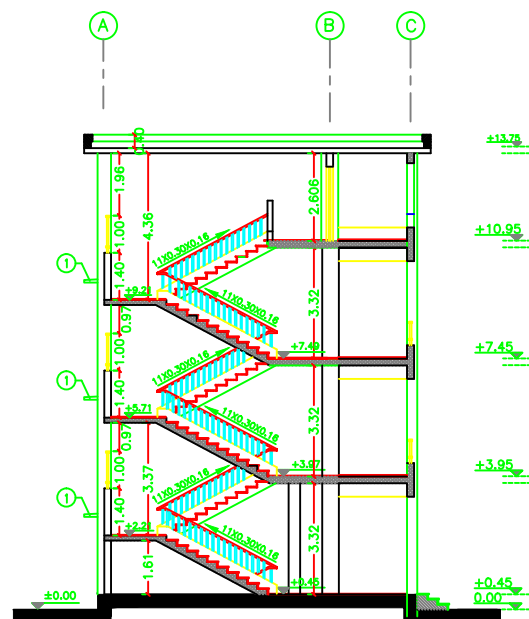
ELEVATIONS 3 & 4

Scale
To Fit

Drawing No.
A 06



SECTION A - A



SECTION B - B

NOTES:

- PE1 = PLASTER & EMULSION PAINT (CEILING)
- WP1 = PLASTER & EMULSION PAINT (WALLS)
- P1 = TERRAZO TILE SIZE 30X30X2.5CM MARBLE CHIPS
- SK1 = TERRAZO 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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Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

ALMOTANABY PRIMARY BOYS SCHOOL

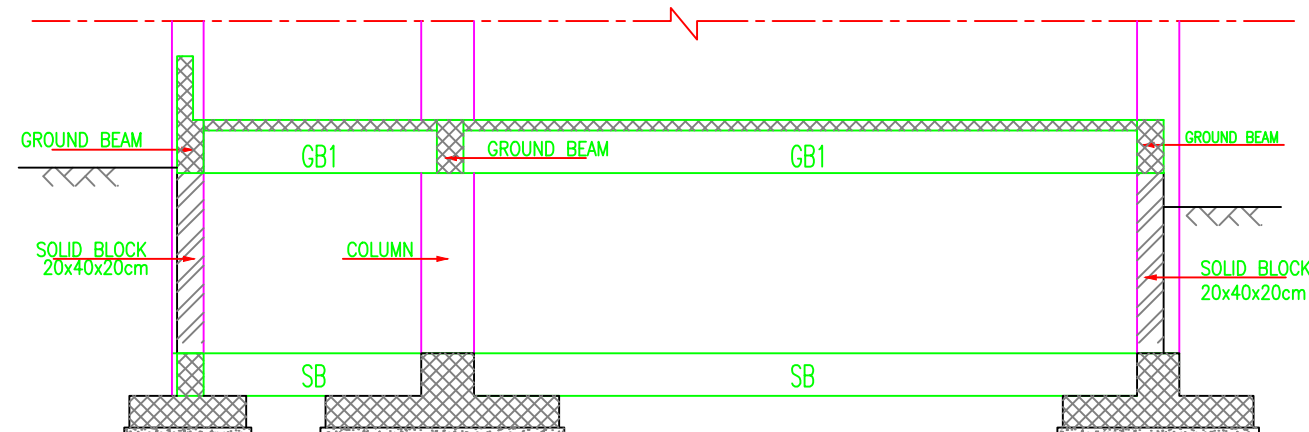
Drawing name

CROSS SEC. (A-A),(B-B)

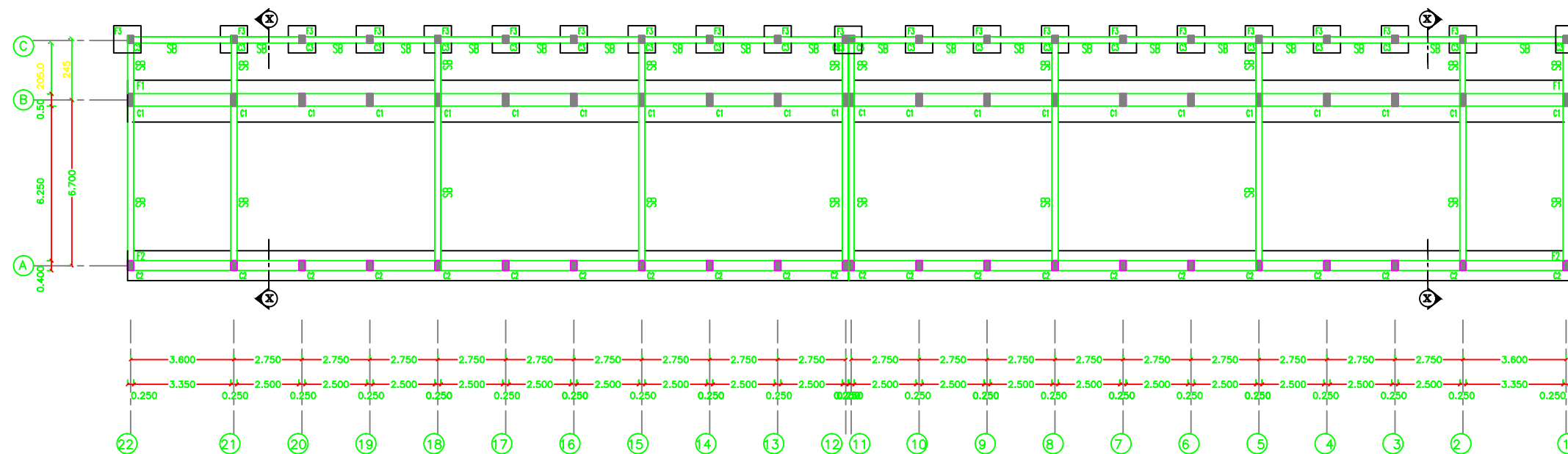
Scale
To Fit

Drawing No.
A 07

Structural Drawings



SECTION X - X



NOTES:

- DESIGN BEARING CAPACITY IS 1.25 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION
- EXCAVATION LEVEL SHOULD BE (+2.50) FROM THE LOWEST POINT FROM KALL.
- (1m SHOULD BE REMOVED FULL OF COMPACTED MURRO).
- ALL CONC. IN CONTACT WITH SOIL SHOULD CONTAIN TYPE SULFATE RESISTANT CEMENT.
- CONCRETE COVER FOR FOUNDATION = 5CM THICK
- CONCRETE COVER FOR INTERNAL WORK = 2.5CM
- CONCRETE COVER FOR EXTERNAL WORK = 3.5CM
- ALL CONCRETE UP TO THE PLUMB LVL MUST BE COVERED WITH 2 COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- SKEFFLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERPROOF AND COMPACTED).
- KALL WILL BE FIXED BY THE ENGINEER
- CONCRETE CURE CRUSHING STRENGTH AFTER 28 DAYS
- $f_c = 25N/MM^2$ FOR BEAMS & SLABS
- $f_c = 30N/MM^2$ FOR COLUMNS
- RIBBED HIGH YIELD STEEL $F_y=410N/MM^2$
- WILD YIELD STEEL $F_y=250N/MM^2$
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD BARS OF BENDS AND HOOKS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE



BWR SIZE	GRADE 250 (TYPE AND GRADE R)	GRADE 410 (TYPE AND GRADE L)
D	R	R
6	12	16
8	16	20
10	20	24
12	24	28
14	28	32
16	32	36
18	36	40
20	40	44
22	44	48
24	48	52
26	52	56
28	56	60
30	60	64
32	64	68
34	68	72
36	72	76
38	76	80
40	80	84
42	84	88
44	88	92
46	92	96
48	96	100

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IMPLEMENTED BY



United Nations Development Programme
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

ALMOTANABY PRIMARY BOYS SCHOOL

Drawing name

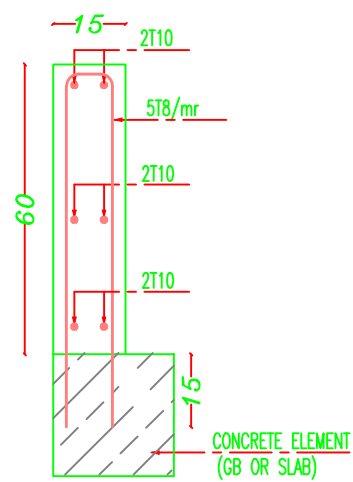
FOUNDATION PLAN

Scale

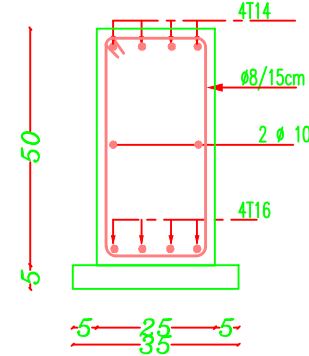
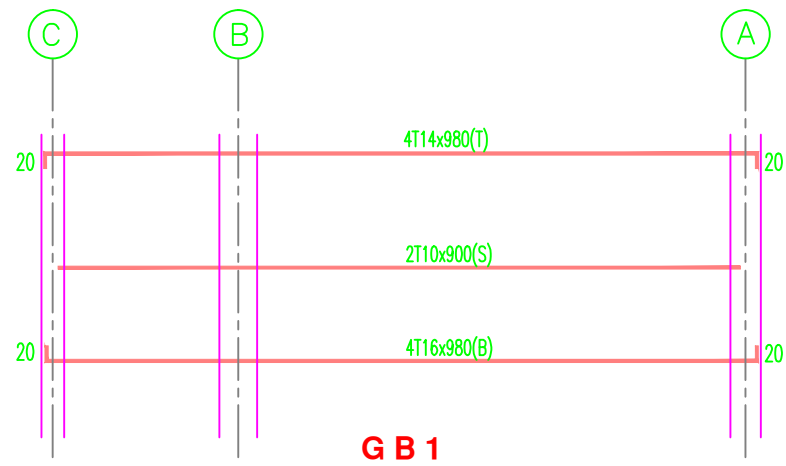
To Fit

Drawing No.

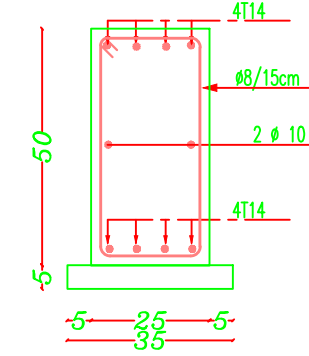
S 01



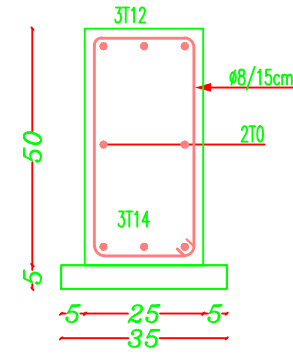
WALL PARAPET AT CORRIDORS & ROOF



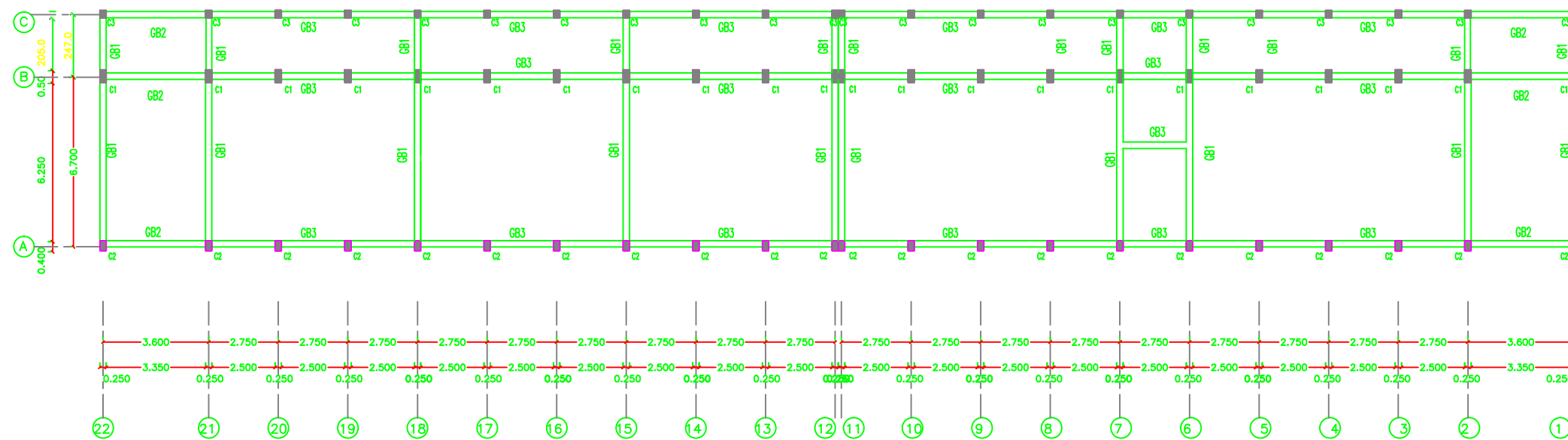
GB1



GB2



GB3



NOTES:

- DESIGN BEARING CAPACITY IS 1.25 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION
- EXISTENCE LEVEL SHOULD BE (+2.50) FROM THE LOWEST POINT FROM KULL
- (1m SHOULD BE REMOVED FULL OF COMPACTED MURRO)
- ALL CONC. IN CONTACT WITH SOIL SHOULD CONTAIN TYPE SULFATE RESISTANT CEMENT
- CONCRETE COVER FOR FOUNDATION = 5CM THICK
- CONCRETE COVER FOR INTERNAL WORK = 2.5CM
- CONCRETE COVER FOR EXTERNAL WORK = 3.5CM
- ALL CONCRETE UP TO THE PLUMB LVL MUST BE COVERED WITH 2 COATS OF HOT BITUMEN
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER
- SKEFFLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERED AND COMPACTED)
- ALLC. WILL BE FINED BY THE ENGINEER
- CONCRETE CURE CRUISING STRENGTH AFTER 28 DAYS
- $\phi = 25M/CM^2$, FOR BEAMS & SLABS
- $\phi = 30M/CM^2$, FOR COLUMNS
- ROBBED HIGH YIELD STEEL FY=410M/CM2
- WELD YIELD STEEL FY=250M/CM2
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY
- STANDARD PART OF BEAMS AND HOOKS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE

BWR SIZE	BENDS		HOOKS	
	D	R	D	R
6	12	18	12	18
8	16	24	16	24
10	20	30	20	30
12	24	36	24	36
14	28	42	28	42
16	32	48	32	48
18	36	54	36	54
20	40	60	40	60
22	44	66	44	66

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Al Fakhoora Programme

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United Nations Development Programme
Programme of Assistance the Palestinian People

Project Name

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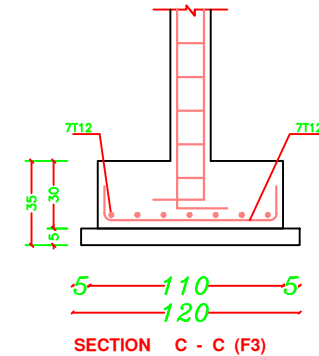
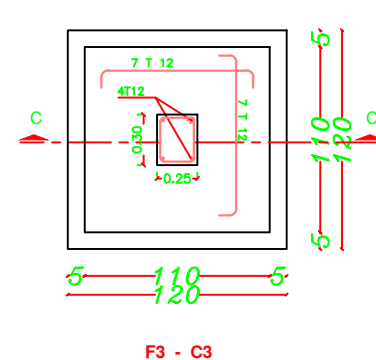
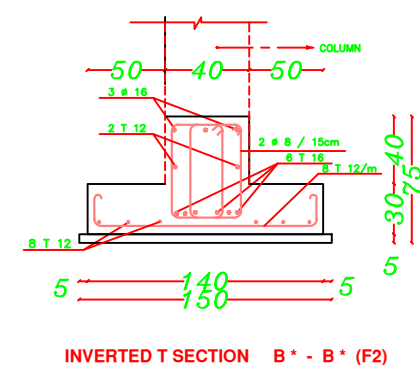
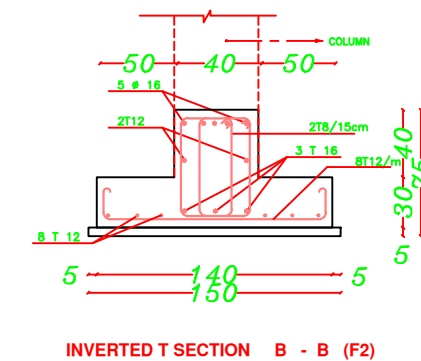
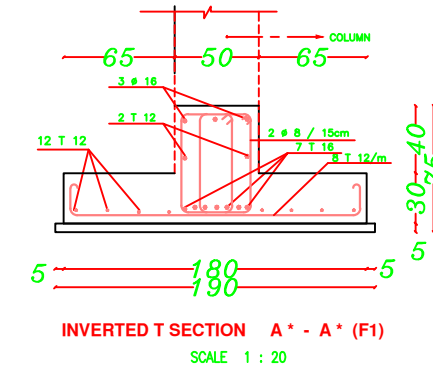
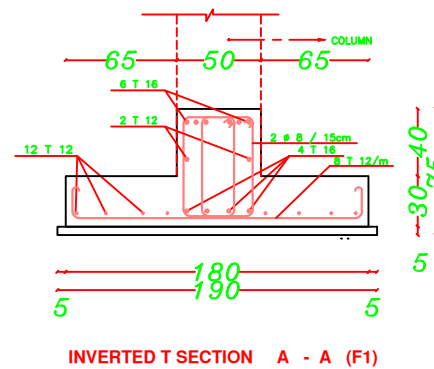
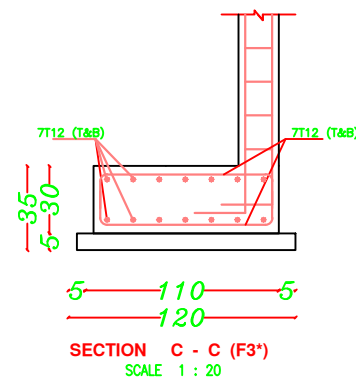
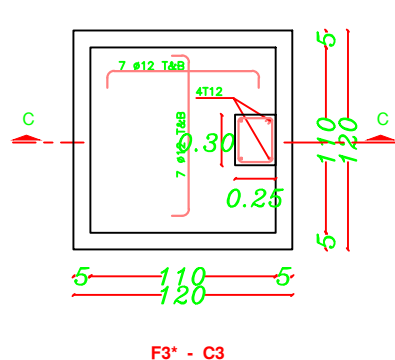
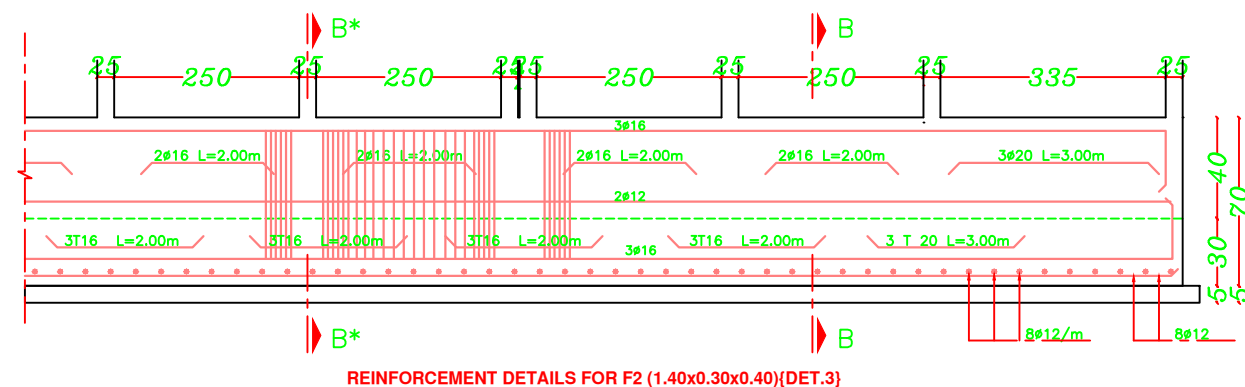
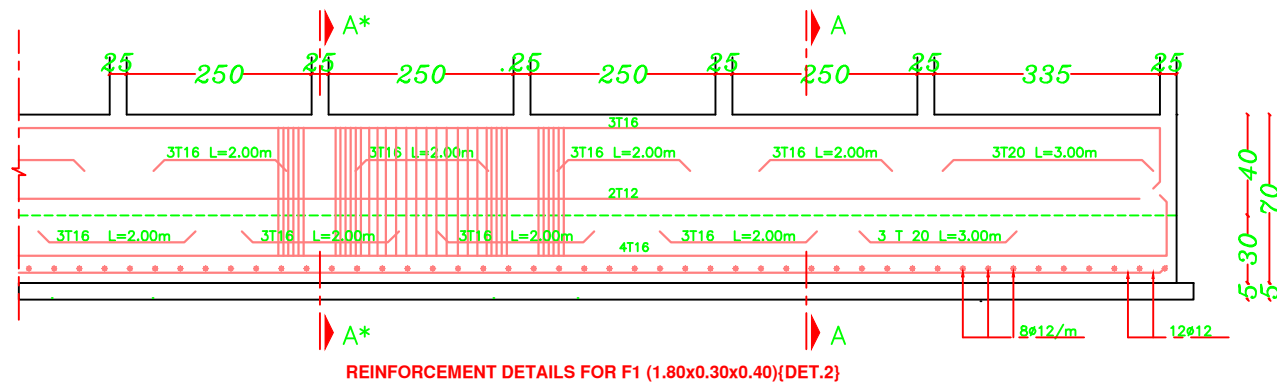
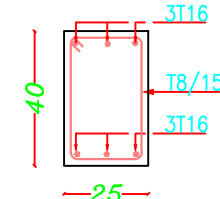
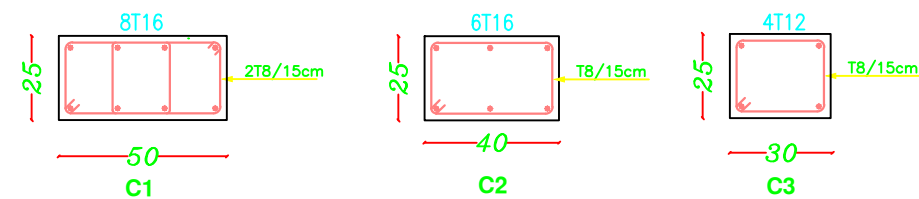
ALMOTANABY PRIMARY BOYS SCHOOL

Drawing name

GROUND BEAM PLAN

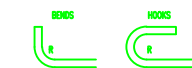
Scale
To Fit

Drawing No.
S 02



NOTES:

- DESIGN BEARING CAPACITY IS 1.25 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION
- EXCAVATION LEVEL SHOULD BE (+2.50) FROM THE LOWEST POINT FROM KALL
- (1m SHOULD BE REMOVED FULL OF COMPACTED MURRAY)
- ALL CONCRETE IN CONTACT WITH SOIL SHOULD CONTAIN TYPE SULFATE RESISTANT CEMENT
- CONCRETE COVER FOR FOUNDATION = 5CM THICK
- CONCRETE COVER FOR INTERNAL WORK = 2.5CM
- CONCRETE COVER FOR EXTERNAL WORK = 3.5CM
- ALL CONCRETE UP TO THE PLUMB LVL MUST BE COVERED WITH 2 COATS OF HOT BITUMEN
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER
- Scaffolding MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERPROOF AND COMPACTED)
- ALLCUT MUST BE FINISHED BY THE ENGINEER
- CONCRETE CURE CRUISING STRENGTH AFTER 28 DAYS
- S = 25M/M2 , FOR BEAMS & SLABS
- S = 30M/M2 , FOR COLUMNS
- RUBBED HIGH YIELD STEEL FY=410N/MM2
- WILD YIELD STEEL FY=250N/MM2
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY
- STANDARD PARTS OF BEAMS AND HOOKS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE



BAR SIZE	GRADE 250 (TYPE AND GRADE R)	GRADE 410 (TYPE AND GRADE L)
6	12	16
8	16	20
10	20	25
12	25	32
14	28	42
16	32	52
18	36	62
20	42	72
22	48	82

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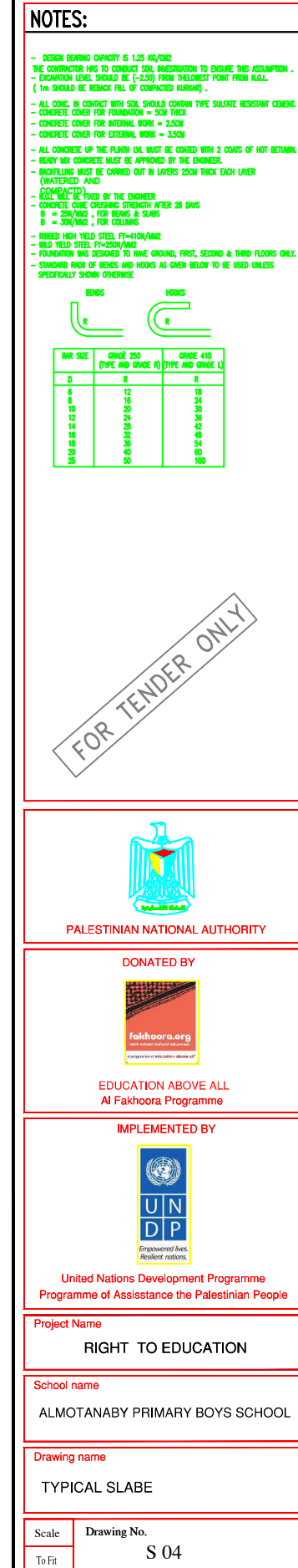
ALMOTANABY PRIMARY BOYS SCHOOL

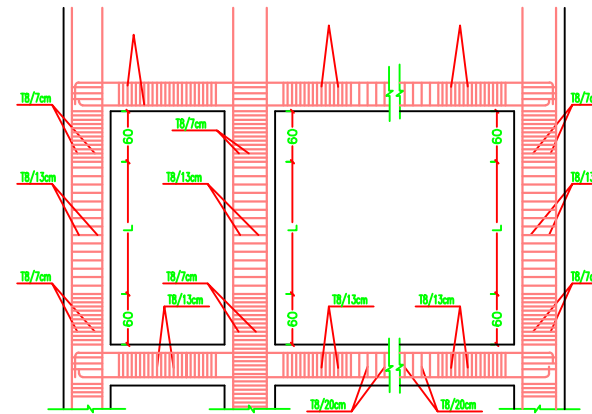
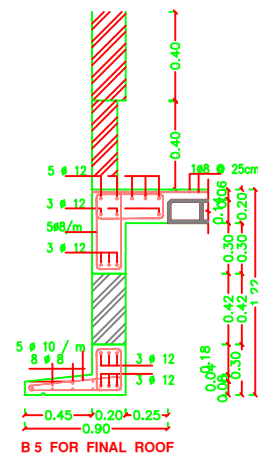
Drawing name

FOUNDATION & COLUMNS DETAILS

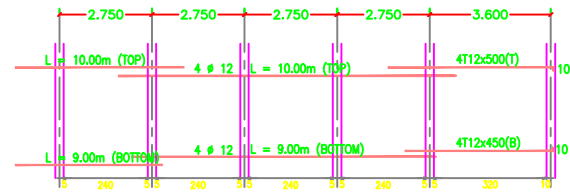
Scale
To Fit

Drawing No.
S 03

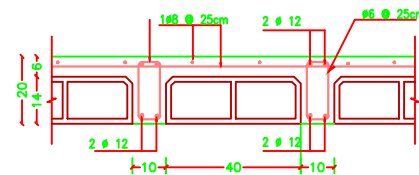




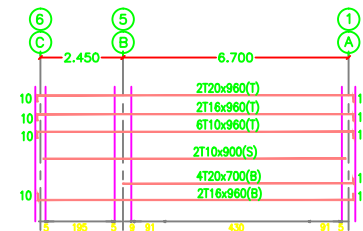
STIRRUPS SPACING IN COLUMNS & BEAMS



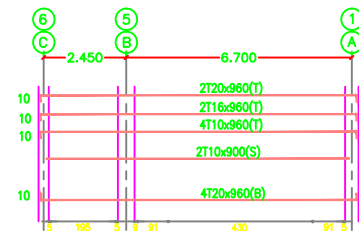
B 7



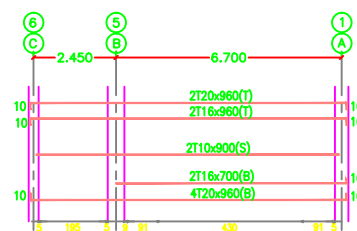
SECTION A - A
SCALE 1 : 10



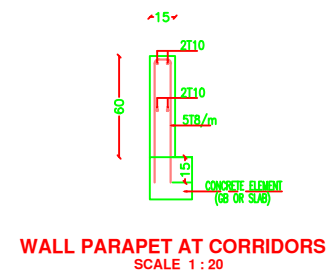
B 1



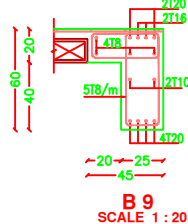
B 2



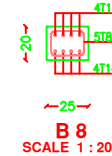
B 3



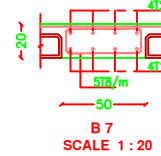
WALL PARAPET AT CORRIDORS
SCALE 1 : 20



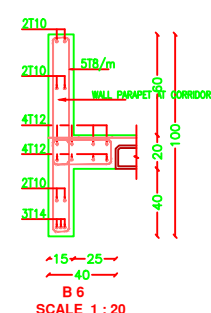
B 9
SCALE 1 : 20



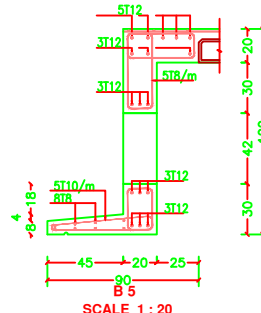
B 8
SCALE 1 : 20



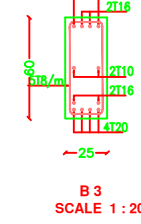
B 7
SCALE 1 : 20



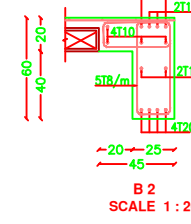
B 6
SCALE 1 : 20



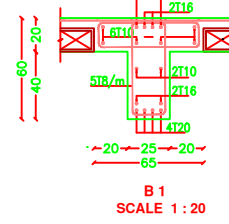
B 5
SCALE 1 : 20



B 3
SCALE 1 : 20



B 2
SCALE 1 : 20



B 1
SCALE 1 : 20

NOTES:

- DESIGN BEARING CAPACITY IS 1.25 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION
- EXCAVATION LEVEL SHOULD BE (+2.50) FROM THE LOWEST POINT FROM KALL
- (1m SHOULD BE REMAIN FULL OF COMPACTED SUBGRADE)
- ALL CONC. IN CONTACT WITH SOIL SHOULD CONTAIN TYPE SULFATE RESISTANT CEMENT
- CONCRETE COVER FOR FOUNDATION = 5CM THICK
- CONCRETE COVER FOR INTERNAL WORK = 2.5CM
- CONCRETE COVER FOR EXTERNAL WORK = 3.5CM
- ALL CONCRETE UP TO THE PLUMB LVL MUST BE COVERED WITH 2 COATS OF HOT BITUMEN
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER
- SPOFFELLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERED AND COMPACTED)
- KALL WILL BE FIXED BY THE ENGINEER
- CONCRETE CURE CRUISING STRENGTH AFTER 28 DAYS
- S = 25N/MM2 , FOR BEAMS & SLABS
- S = 30N/MM2 , FOR COLUMNS
- RIBBED HIGH YIELD STEEL FY=410N/MM2
- WILD YIELD STEEL FY=250N/MM2
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY
- STANDARD PART OF BENDS AND HOOKS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE

BWR SIZE	BENDS		HOOKS	
	D	R	D	R
6	12	18		
8	16	24		
10	20	30		
12	24	36		
14	28	42		
16	32	48		
18	36	54		
20	40	60		
22	44	66		

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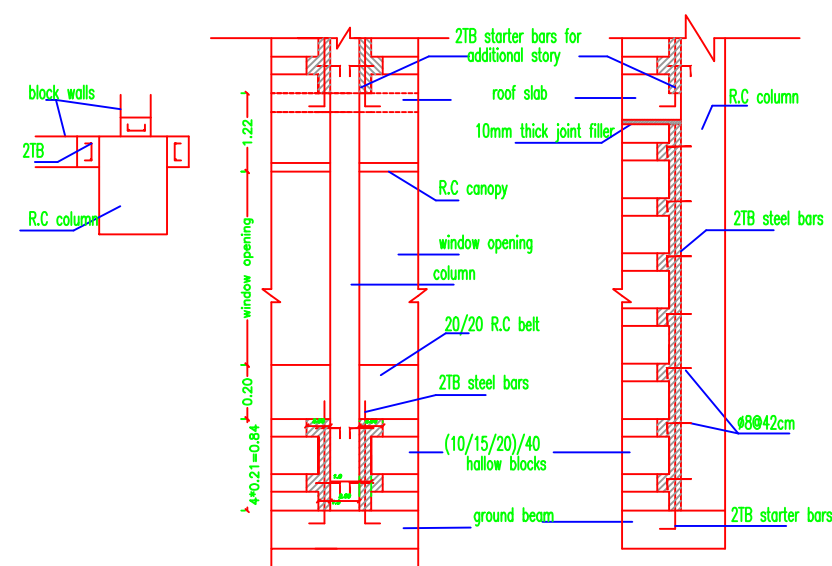
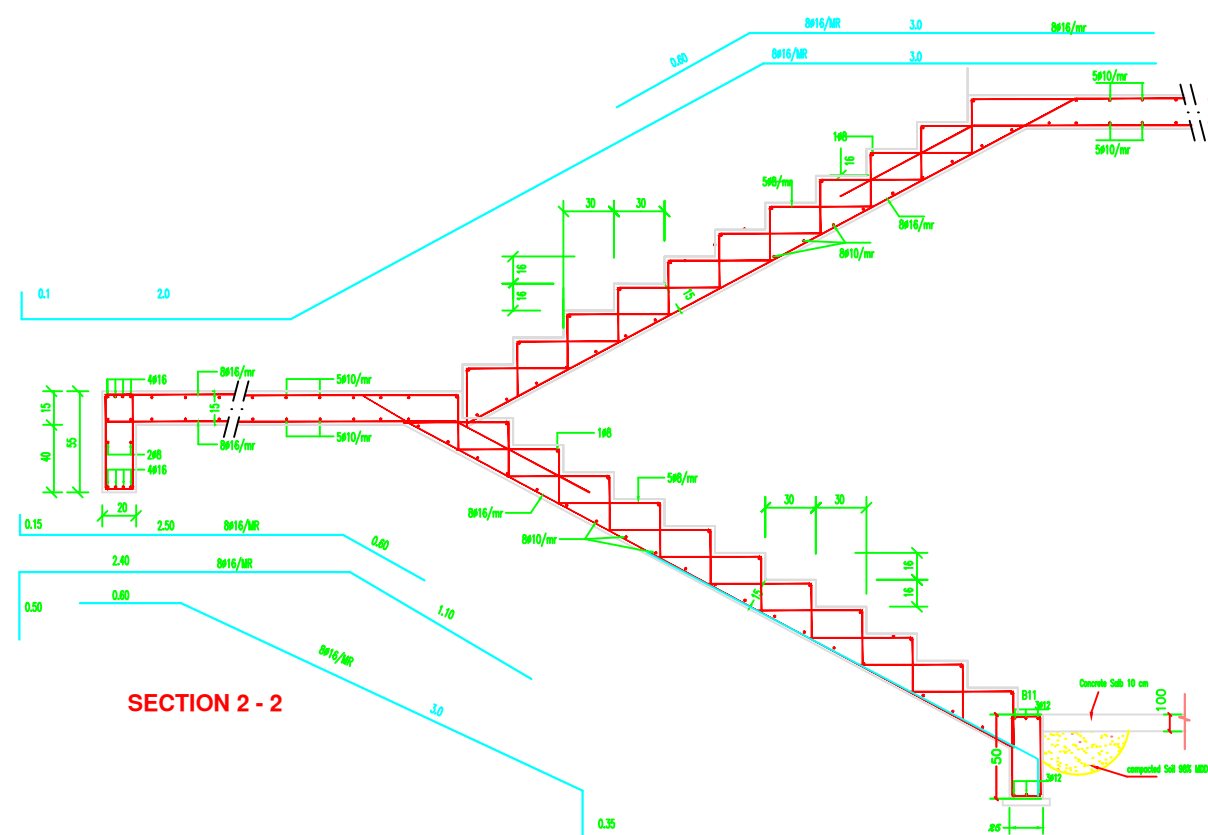
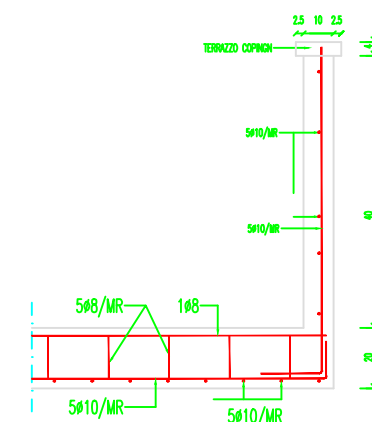
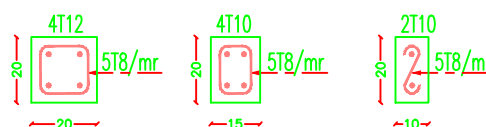
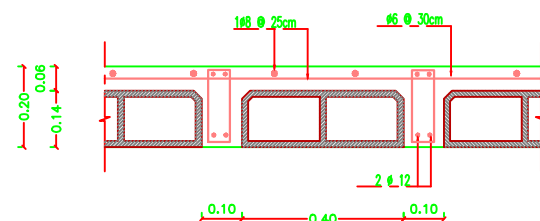
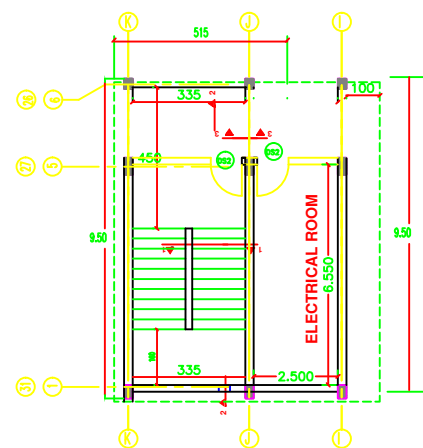
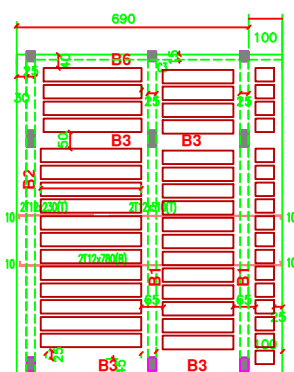
ALMOTANABY PRIMARY BOYS SCHOOL

Drawing name

SLABE DETAILS

Scale
To Fit

Drawing No.
S 05



NOTES:

- DESIGN REBAR IS $C40$ MPa IS 1.5% $10\phi/100$
- THE CONTRACTOR HAS TO OBTAIN SQA INVESTIGATION TO ENSURE THIS ASSUMPTION.
- EXISTATION LAYER SHOULD BE ≥ 2.50 FROM INDESTRUCT POINT FROM N.G.L. (IT SHOULD BE REMAIN PLAC. OF COMPACTED GRAVEL)
- ALL CONC. IN CONCRETE WITH SLAB SHOULD COMPLY TYPE SATURATE RESISTANT CEMENT
- CONCRETE COVER FOR FLOORING SHOULD BE 25MM
- CONCRETE COVER FOR INTERNAL WALL = 25MM
- CONCRETE COVER FOR EXTERNAL WALL = 35MM
- ALL CONCRETE UP TO PLUMB LINE SHOULD BE COVERED WITH 2 COATS OF HOT BITUMEN
- HOT BITUMEN CONCRETE MUST BE APPLIED WITHIN 24 HRS OF CASTING
- PIPEWORK MUST BE CARRIED OUT IN LAYERS 250MM THICK EACH LAYER (WATERPROOF AND DRAINAGE)
- ALL WALL MUST BE REIN BY THE ENGINEER
- CONCRETE CURING CHAIRING STRUTS AFTER 28 DAYS
 - $\phi = 25\text{mm}/100$ FOR REBAR & SLAB
 - $\phi = 30\text{mm}/100$ FOR COLUMNS
- REINED HOT YIELD STEEL TYP-500MMA
- HOT YIELD STEEL TYP-500MMA
- FOUNDATION WAS DESIGNED TO HAVE GRADED, FIRST, SECOND & THIRD FLOORS ONLY
- STANDARD ROPS OF BARS AND HOOKS AS GIVEN BELOW TO BE USED UNLESS SPECIFIED OTHERWISE



BAR SIZE	GRADE 250 (TYPE AND GRADE F)	GRADE 41 (TYPE AND GRADE F)
D	R	R
6	12	18
8	16	24
10	20	30
12	24	36
14	28	42
16	32	48
18	36	54
20	40	60
22	44	66

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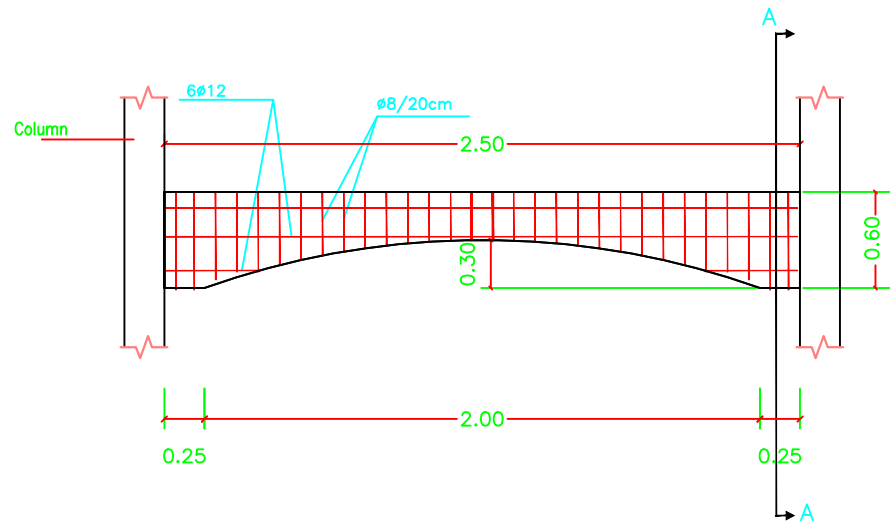
Drawing name

STAIR DETAILS

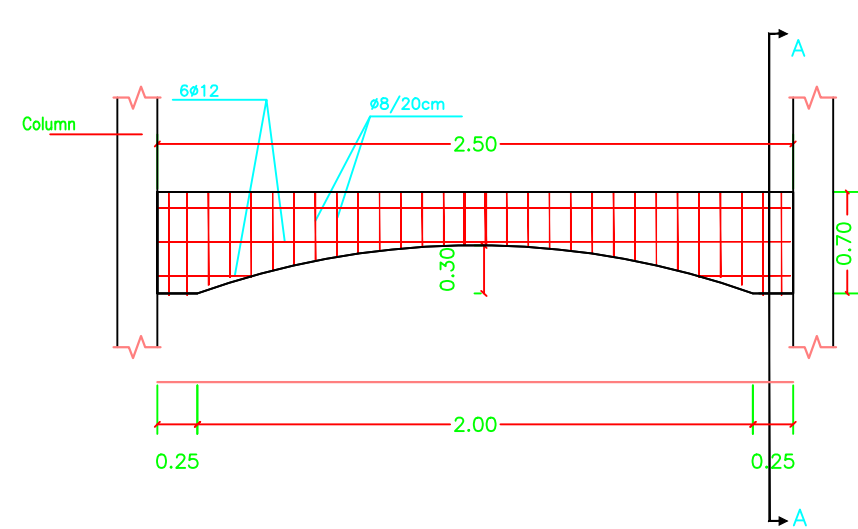
Scale
To Fit

Drawing No.	S 06
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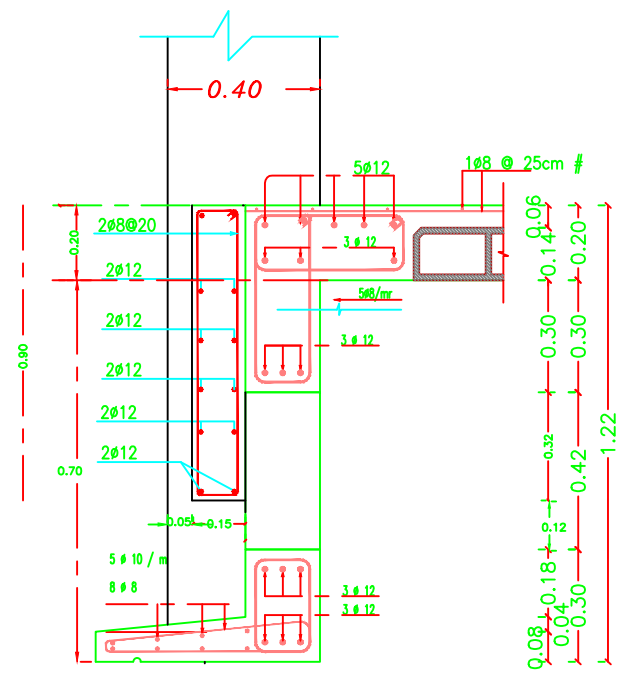
The Contractor has to submit detailed Shop Drawings of all works for approval Of the supervisor Engineer



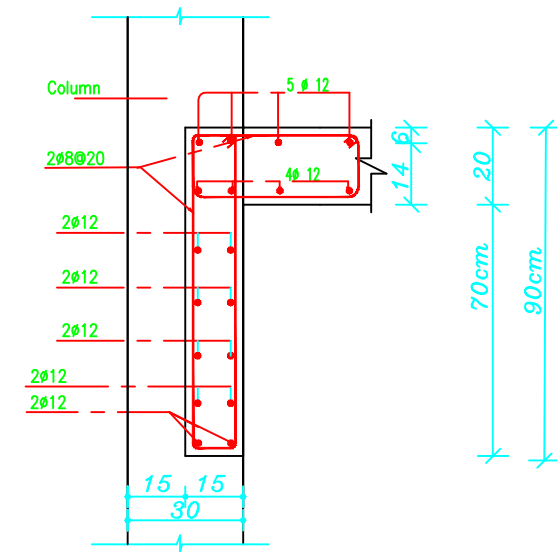
Details of Arches in Second Floor Back Elevations
SCALE 1:50



Details of Arches in Second Floor Front Elevations
SCALE 1:50



FINAL ROOF FOR BACK ELEVATION



Section A-A
Details of Arches in Second Floor Front Elevations

NOTES:

- DESIGN BEARING CAPACITY IS 1.25 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION
- EXCAVATION LEVEL SHOULD BE (+2.50) FROM THE LOWEST POINT FROM KUALA
- (1m SHOULD BE REMAIN FULL OF COMPACTED MURRO)
- ALL CONC. IN CONTACT WITH SOIL SHOULD CONTAIN TYPE SULFATE RESISTANT CEMENT
- CONCRETE COVER FOR FOUNDATION = 5CM THICK
- CONCRETE COVER FOR INTERNAL WORK = 2.5CM
- CONCRETE COVER FOR EXTERNAL WORK = 3.5CM
- ALL CONCRETE UP THE PLUMB LVL MUST BE COVERED WITH 2 COATS OF HOT BITUMEN
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER
- SKEFFLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERPROOF AND COMPACTED)
- K/LC WILL BE FIXED BY THE ENGINEER
- CONCRETE CURE CRUISING STRENGTH AFTER 28 DAYS
- S = 25N/MM2 , FOR BEAMS & SLABS
- S = 30N/MM2 , FOR COLUMNS
- REBID HIGH YIELD STEEL FY=410N/MM2
- WILD YIELD STEEL FY=250N/MM2
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY
- STANDARD PART OF BEAMS AND HOOKS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE

BAR SIZE	BENDS		HOOKS	
	D	R	D	R
6	12	18		
8	16	24		
10	20	30		
12	24	36		
14	28	42		
16	32	48		
18	36	54		
20	40	60		
25	50	75		

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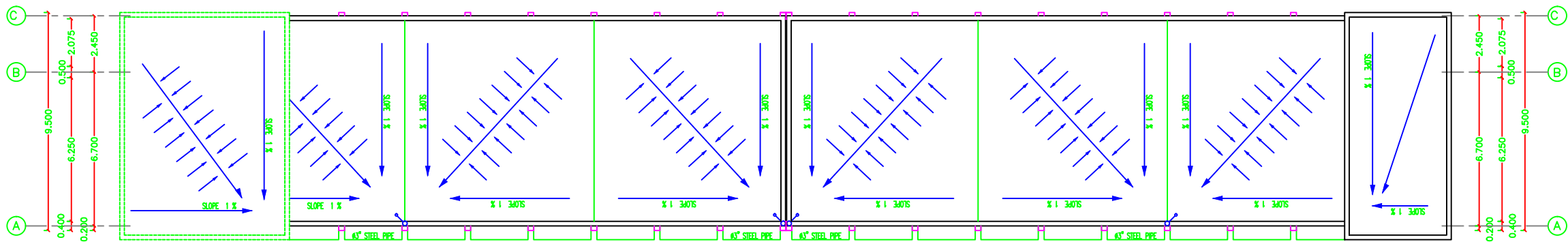
Drawing name

ARCH DETAILS

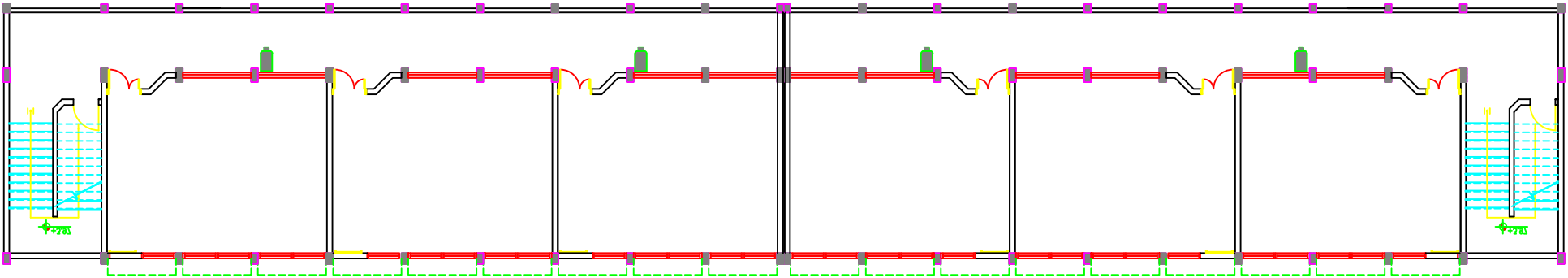
Scale
To Fit

Drawing No.
S 07

Mechanical Drawings



DRAINAGE PLAN



GROUND FIRST & SECOND FLOOR FIRE FIGHTING SYSTEM

NOTES:

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Drawing name

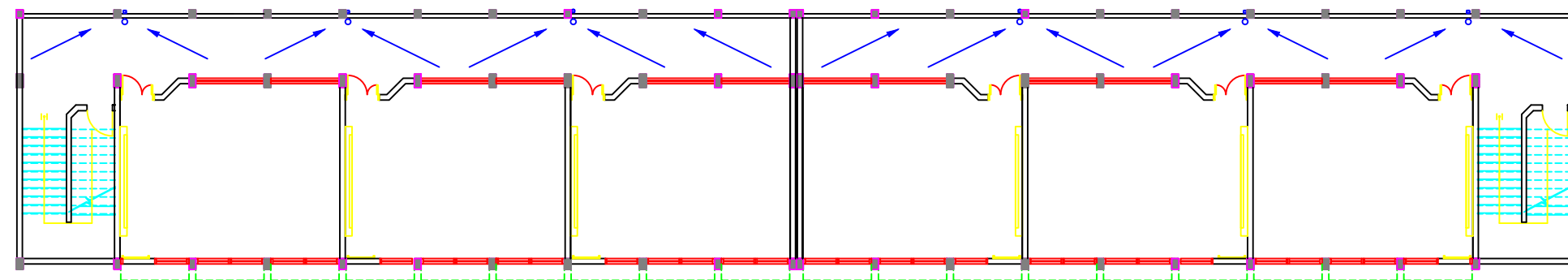
DRAINAGE PLAN &
FIRE FIGHTING SYSTEM

Scale

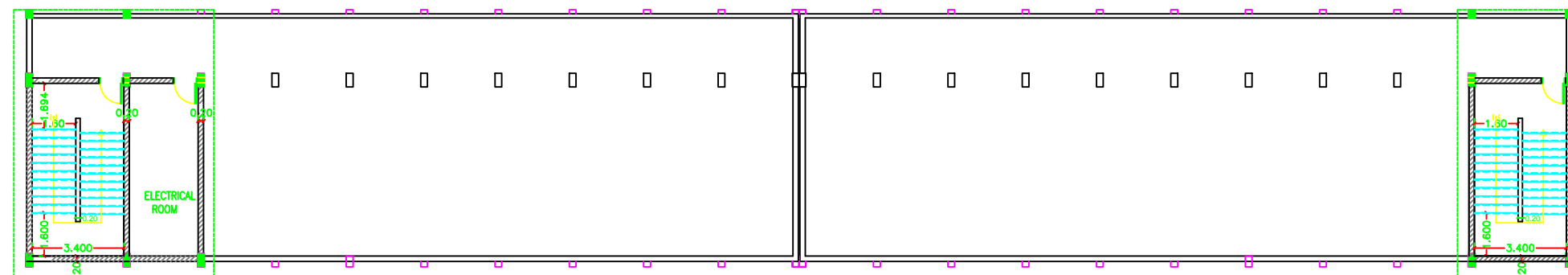
To Fit

Drawing No.

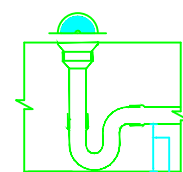
M 01



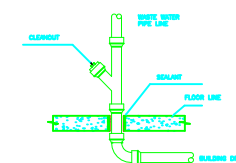
GROUND FIRST & SECOND FLOOR SANITARY PLAN



ROOF FLOOR PLAN



TYPICAL FLOOR DRAIN TRAP



DRAINAGE PIPE CONNECTION DETAIL

NOTES:

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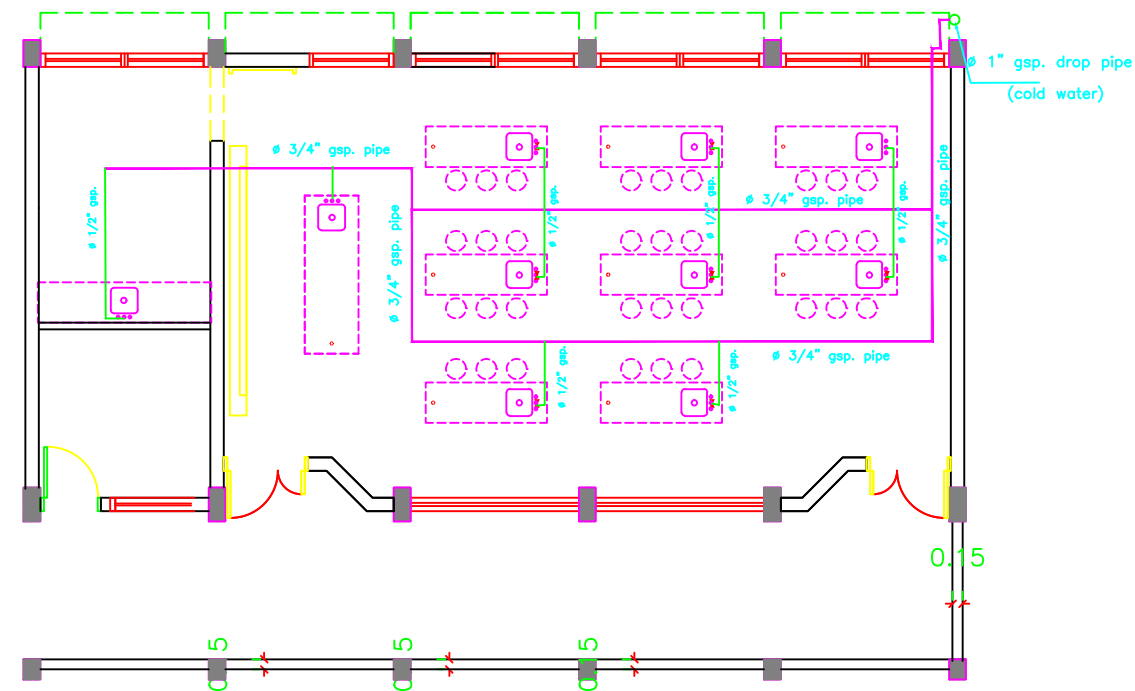
ALMOTANABY PRIMARY BOYS SCHOOL

Drawing name

SANITARY PLAN

Scale
To Fit

Drawing No.
M 02



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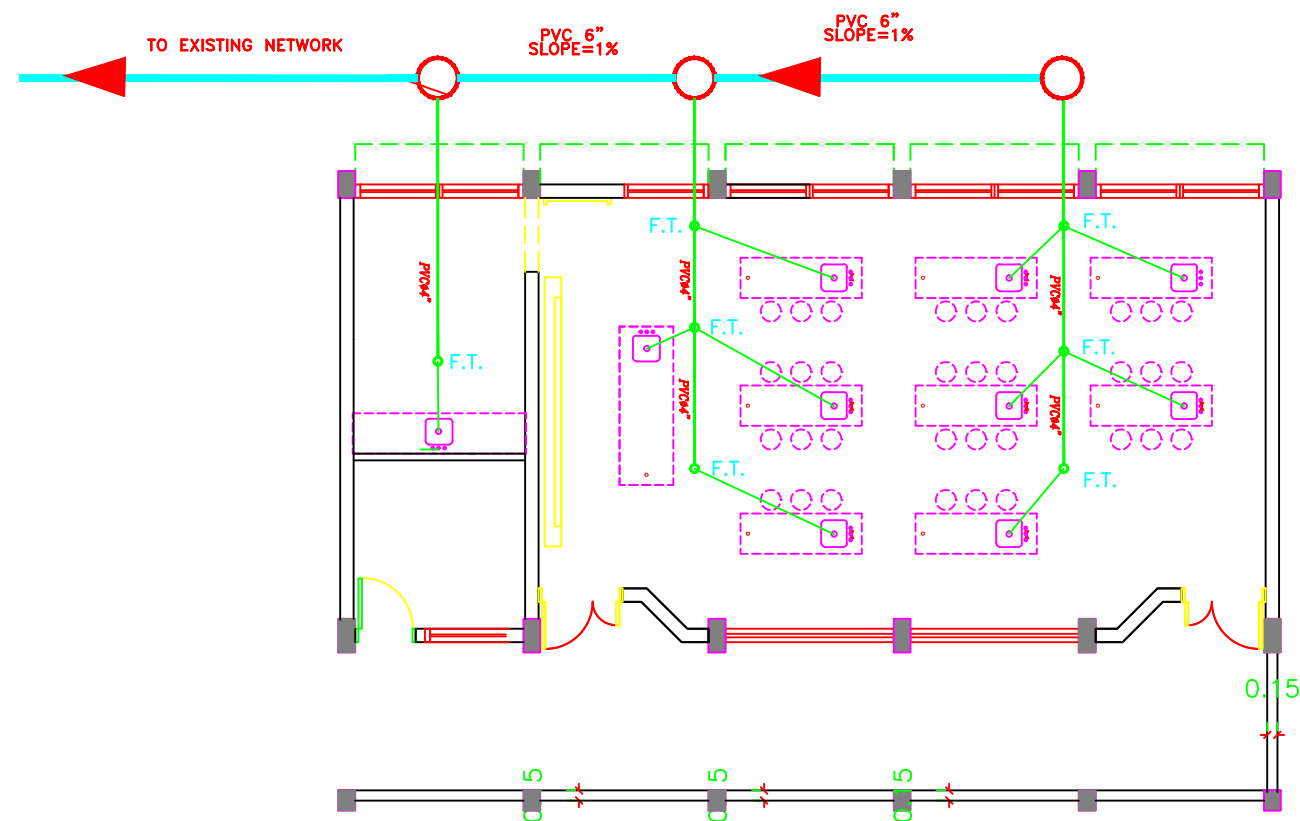
Drawing name

WATER SUPPLY WORKS

Scale
To Fit

Drawing No.

M 03



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Drawing name

SEWAGE WORKS



Scale
To Fit

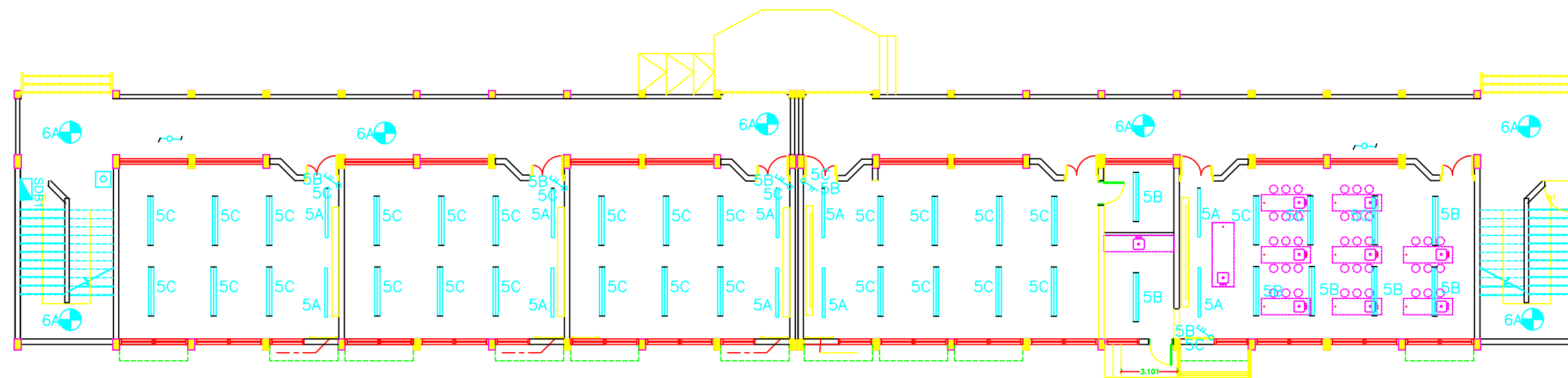
Drawing No.
M 04

Electrical Drawings

كلوب مربع لرقم البيت	
نجفة مثبتة في السقف	
نجفة مثبتة في الحائط	
مصباح سقف عادي معلق	
مصباح حائط عادي	
مصباح حائط خافت	
مصباح البقعة	
مصباح مرآة الحمام	
مروحة سقف	
مروحة شفت	
مدفأة حمام	
مفتاح مروحة سقف	
مفتاح مدفأة الحمام	
مفتاح سخان الحمام	
وحدة الانتركوم الداخلية	
وحدة الانتركوم الخارجية	
لوحة توزيع كهرباء رئيسية	
لوحة توزيع كهرباء فرعية	
لوحة توزيع اتصالات رئيسية	
لوحة توزيع اتصالات فرعية	

الرمز	البيان
	مفتاح كهرباء مفرد
	مفتاح كهرباء مزدوج
	مفتاح ثلاثي
	ضاغط جرس
	ضاغط انارة الدرج
	جرس كهرباء
	مخرج كهرباء عادي
	مخرج كهرباء بغطاء
	مخرج كهرباء عادي ٣ فاز
	مخرج كهرباء بغطاء ٣ فاز
	مخرج كهرباء بمفتاح لزوم مكيف
	مخرج سائلايت
	مخرج تليفون
	مصباح فلورسنت مفرد
	مصباح فلورسنت مزدوج
	مصباح فلورسنت مستطيل شاحن
	مصباح حائط دائري
	كلوب دائري
	كلوب كروي مائل

NOTES			
4			
3			
2			
1			
No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	
PALESTINIAN NATIONAL AUTHORITY			
DONATED BY:			
 EDUCATION ABOVE ALL Al Fakhoora Programme			
IMPLEMENTED BY:			
			
PROJECT:- RIGHT TO EDUCATION ALMOTANABY PRIMARY BOYS SCHOOL			
Keys of Electricity			
Symbol	Drawing No.:	Rev. No.	
RES	E 01	R1	



GROUND FLOOR LIGHTING PLAN

NOTES

4			
3			
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No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	

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Al Fakhoora Programme

IMPLEMENTED BY:

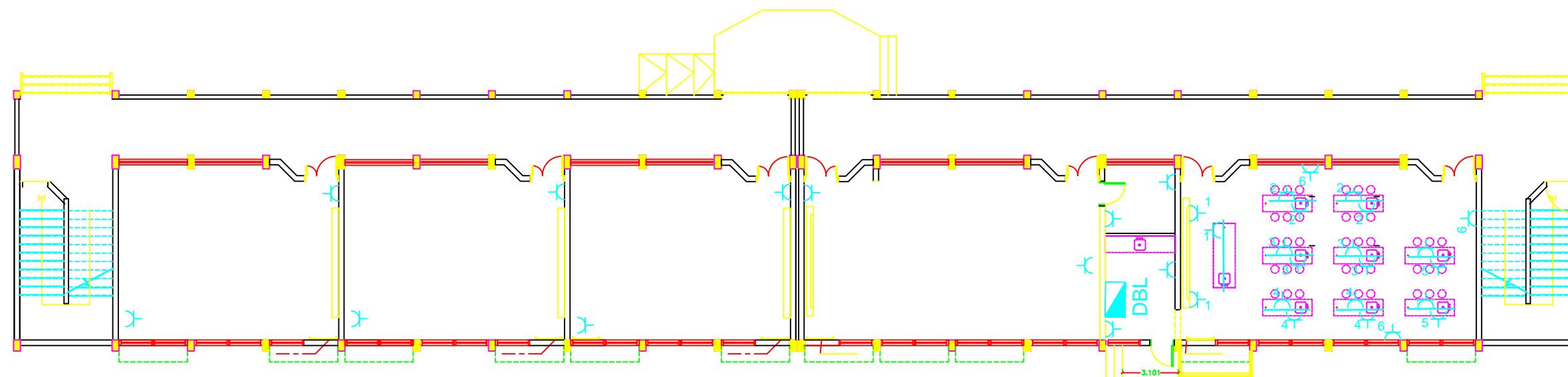


PROJECT:

RIGHT TO EDUCATION
ALMOTANABY PRIMARY BOYS SCHOOL

LIGHTING PLAN

Symbol	Drawing No.:	Rev. No.
RES	E 02	R1



GROUND FLOOR POWER SOCKET PLAN

NOTES

4			
3			
2			
1			
No.	Description	Date	By

Revisions

Designed	ENG. ALAA SHALABY	
Checked	UNDP	
Approved	UNDP	
Date	25/02/2015	Scale

PALESTINIAN NATIONAL AUTHORITY



DONATED BY:



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Al Fakhoora Programme

IMPLEMENTED BY:

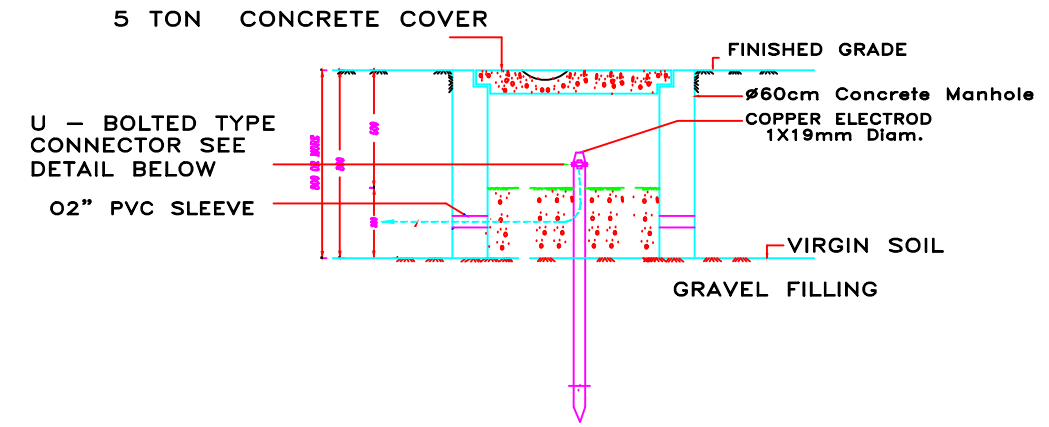
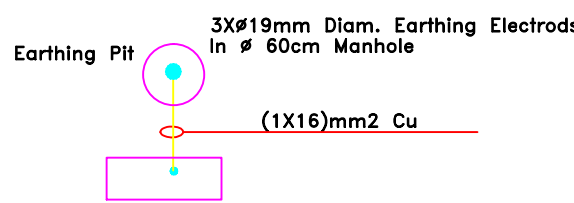
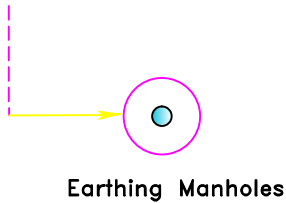
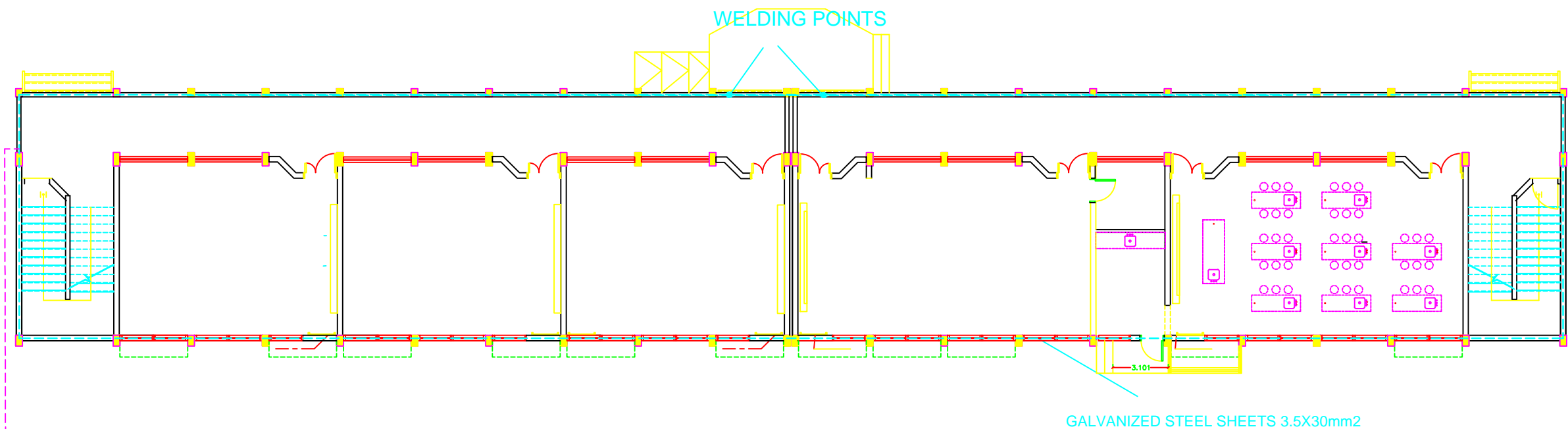


PROJECT:

RIGHT TO EDUCATION
ALMOTANABY PRIMARY BOYS SCHOOL

POWER SOCKET PLAN

Symbol	Drawing No.:	Rev. No.
RES	E 03	R1



$R < 2 \text{ ohm}$

EARTH PLAN GROUND BEAM

NOTES

4			
3			
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No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	

PALESTINIAN NATIONAL AUTHORITY

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Al Fakhroo Programme

IMPLEMENTED BY:



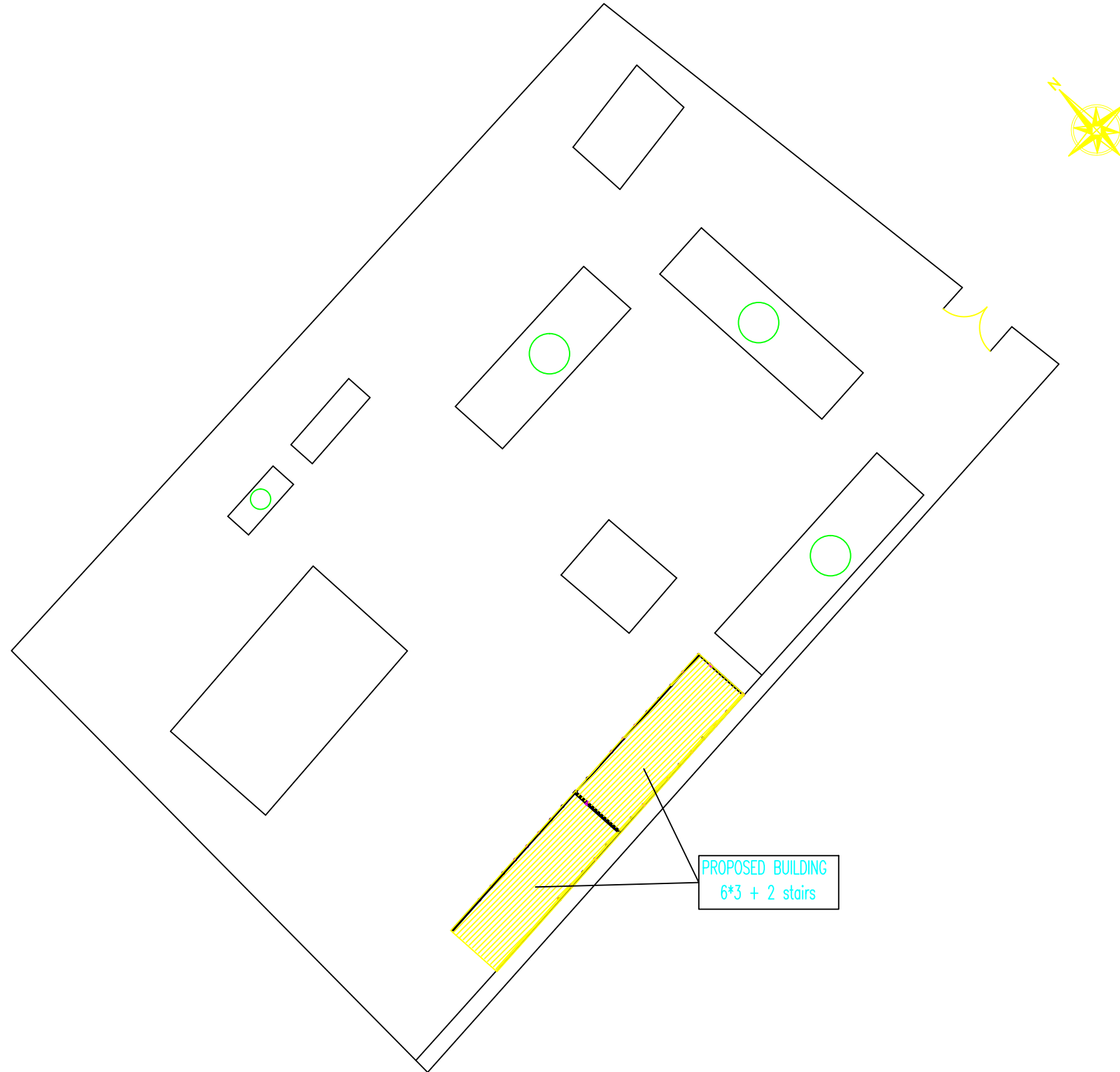
PROJECT:-

RIGHT TO EDUCATION
ALMOTANABY PRIMARY BOYS SCHOOL

EARTHING

Symbol	Drawing No.:	Rev. No.
RES	E 04	R1

GENERAL LAYOUT



NOTES

4			
3			
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No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015		Scale

PALESTINIAN NATIONAL AUTHORITY



DONATED BY:



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Al Fakhroa Programme

IMPLEMENTED BY:

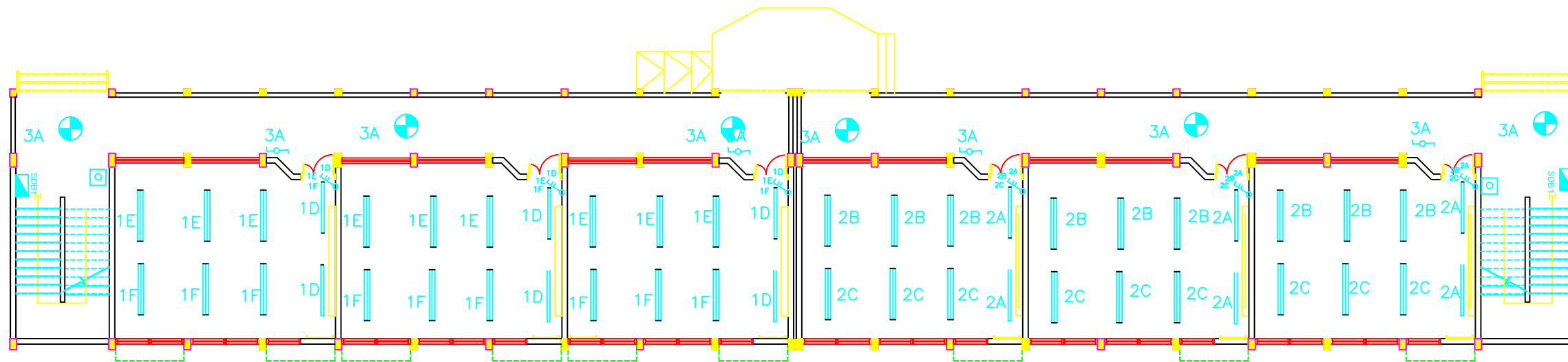


PROJECT:-

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ALMOTANABY PRIMARY BOYS SCHOOL

GROUND FLOOR PLAN CABLE ROUTING

Symbol	Drawing No.:	Rev. No.
RES	E 05	R1



FIRST & SECOND FLOOR LIGHTING PLAN

NOTES

4			
3			
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No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	

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Al Fakhara Programme

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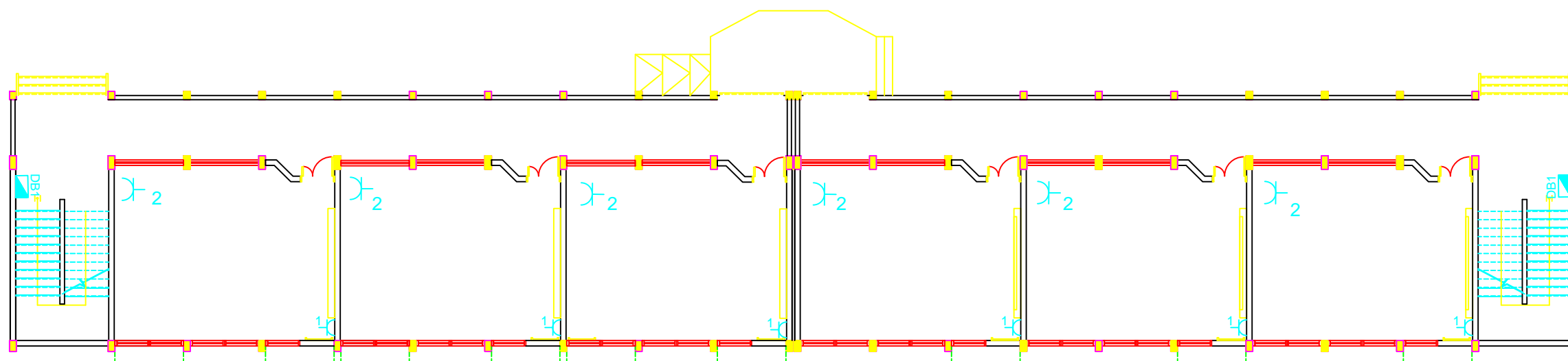


PROJECT:

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ALMOTANABY PRIMARY BOYS SCHOOL

LIGHTING 1st FLOOR

Symbol	Drawing No.:	Rev. No.
RES	E 06	R1



FIRST & SECOND FLOOR POWER SOCKET PLAN

NOTES


4			
3			
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No.	Description	Date	By

Revisions

Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	


PALESTINIAN NATIONAL AUTHORITY

DONATED BY:



EDUCATION ABOVE ALL
Al Fakhoora Programme

IMPLEMENTED BY:



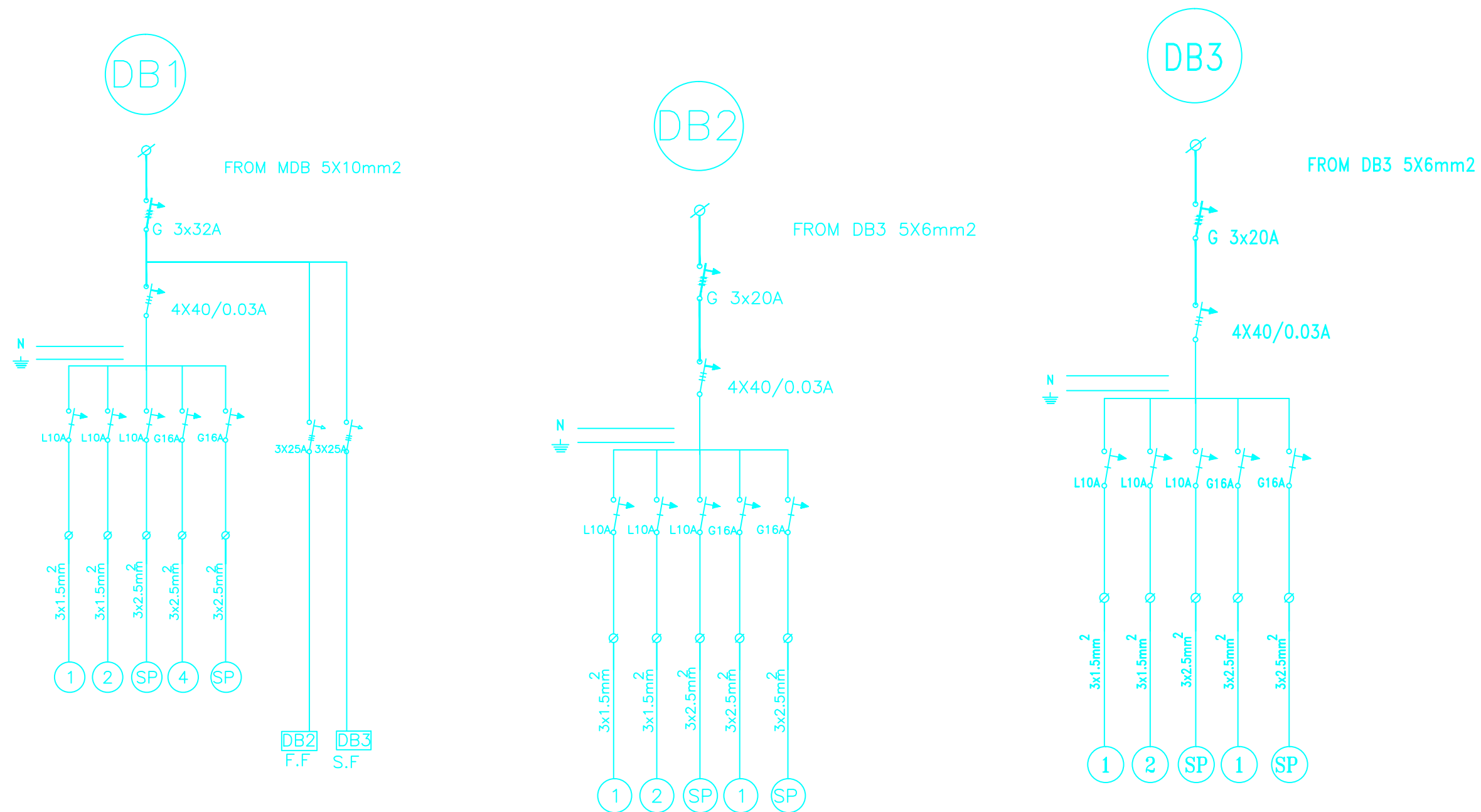
UN
DP

PROJECT:-

RIGHT TO EDUCATION
ALMOTANABY PRIMARY BOYS SCHOOL

LIGHTING 2nd FLOOR

Symbol	Drawing No.:	Rev. No.
RES	E 07	R1



(SDB1,SDB2,SDB3) SINGLE LINE DIAGRAM

NOTES

4			
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No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	

PALESTINIAN NATIONAL AUTHORITY



DONATED BY:



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Al Fakhroa Programme

IMPLEMENTED BY:

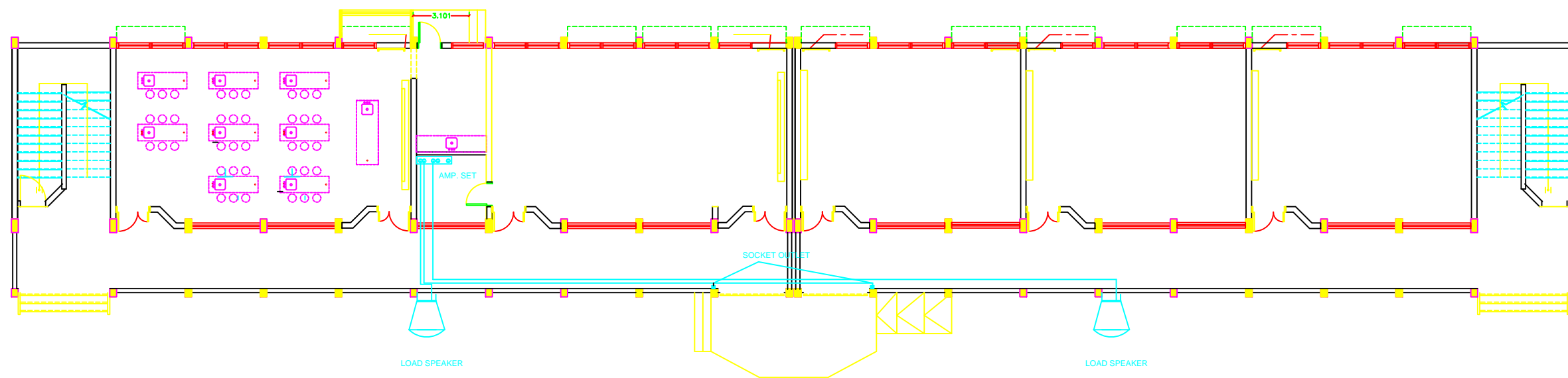


PROJECT:-

RIGHT TO EDUCATION
ALMOTANABY PRIMARY BOYS SCHOOL

SDB SINGLE LINE DIAGRAM

Symbol	Drawing No.:	Rev. No.
RES	E 08	R1



SOUND SYSTEM

NOTES

FOR TENDER ONLY

4			
3			
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No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	

PALESTINIAN NATIONAL AUTHORITY



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Al Fakhroo Programme

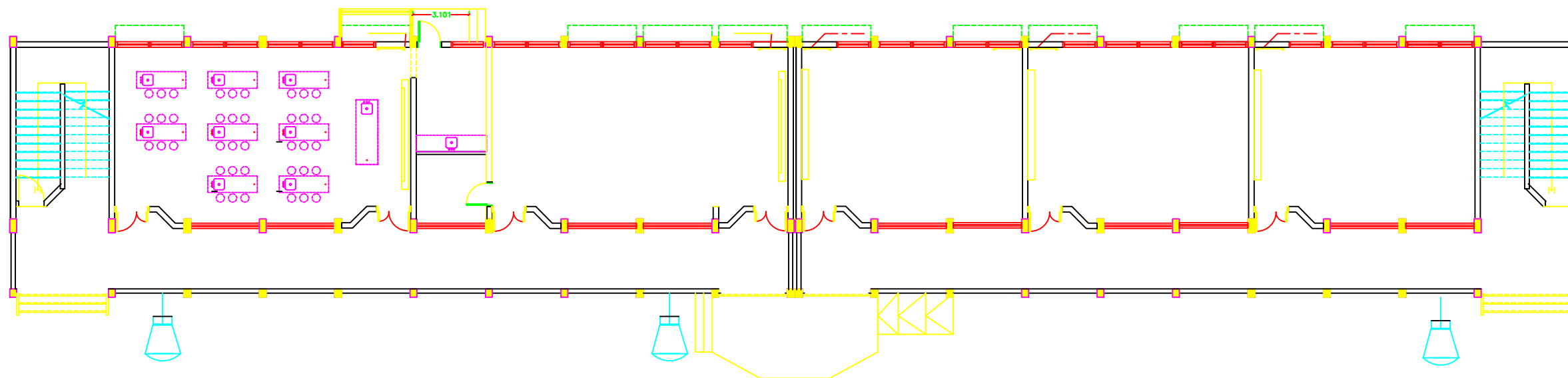
IMPLEMENTED BY:



PROJECT:-
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ALMOTANABY PRIMARY BOYS SCHOOL

Drawing Name
SOUND SYSTEM PLAN

Symbol	Drawing No.:	Rev. No.
RES	E 09	R1



EXTERNAL LIGHTING FIXTURES

NOTES

4			
3			
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No.	Description	Date	By
Revisions			
Designed	ENG. ALAA SHALABY		
Checked	UNDP		
Approved	UNDP		
Date	25/02/2015	Scale	

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PROJECT:-

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EXTERNAL LIGHTING

Symbol	Drawing No.:	Rev. No.
RES	E 10	R1

Electrical Drawings

Abdul Karim Al Karmi primary Boys School		
School lighting loads K.Watt	No. of PV modules	No. of batteries
14	55	42

NOTES:



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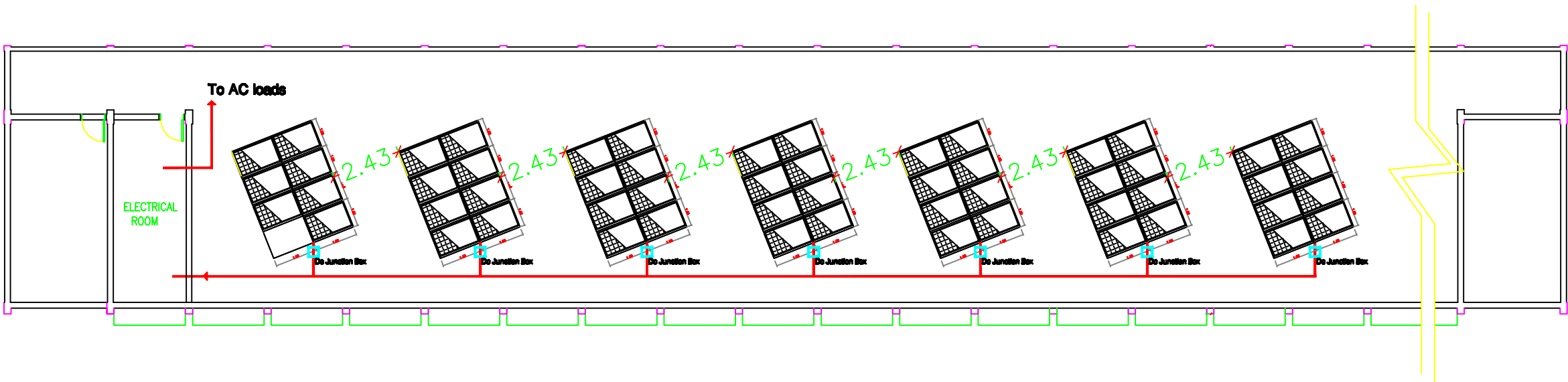
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Checked	UNDP
Approved	UNDP

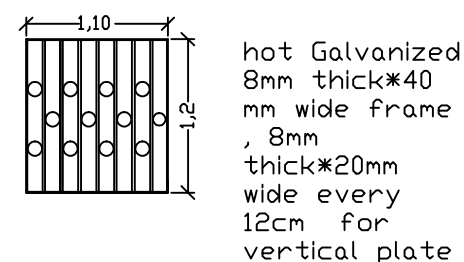
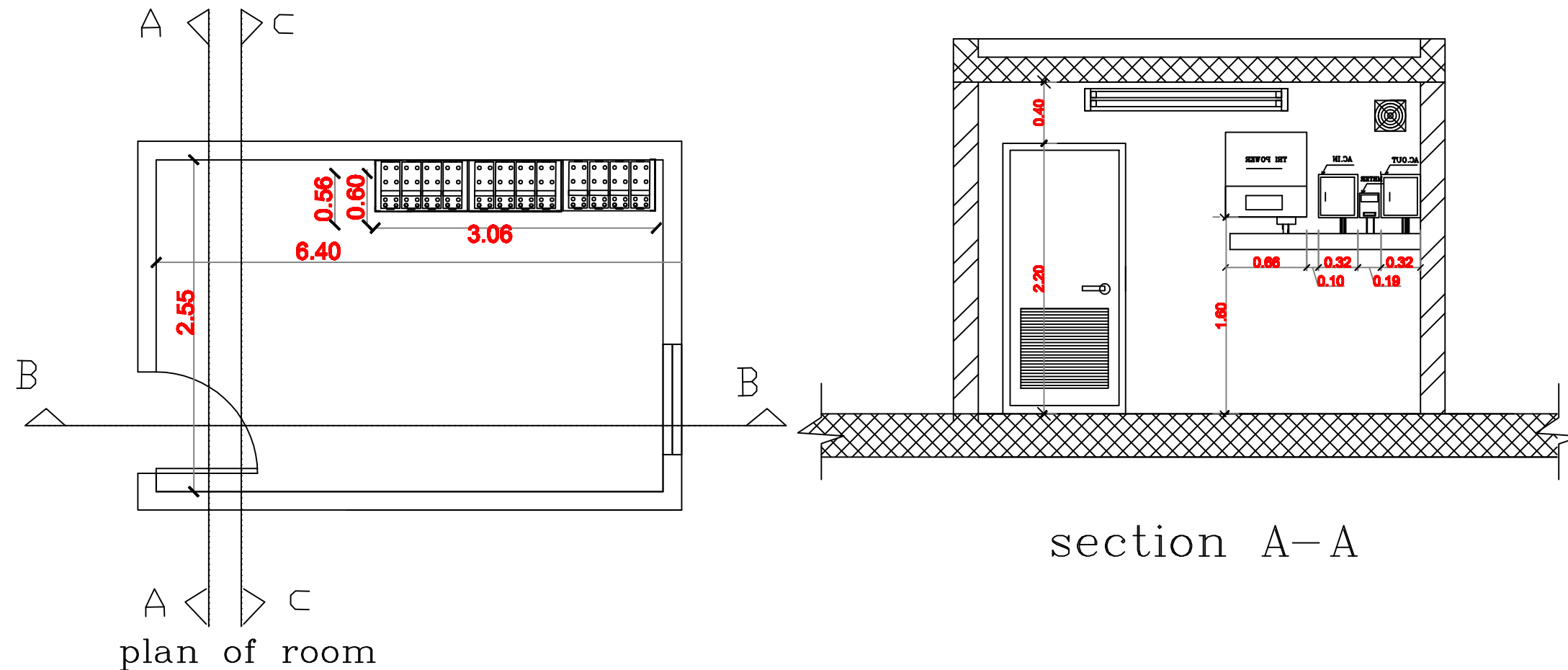
Project Name
RIGHT TO EDUCATION

School name
Abdul Karim Al Karmi primary Boys School

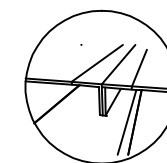
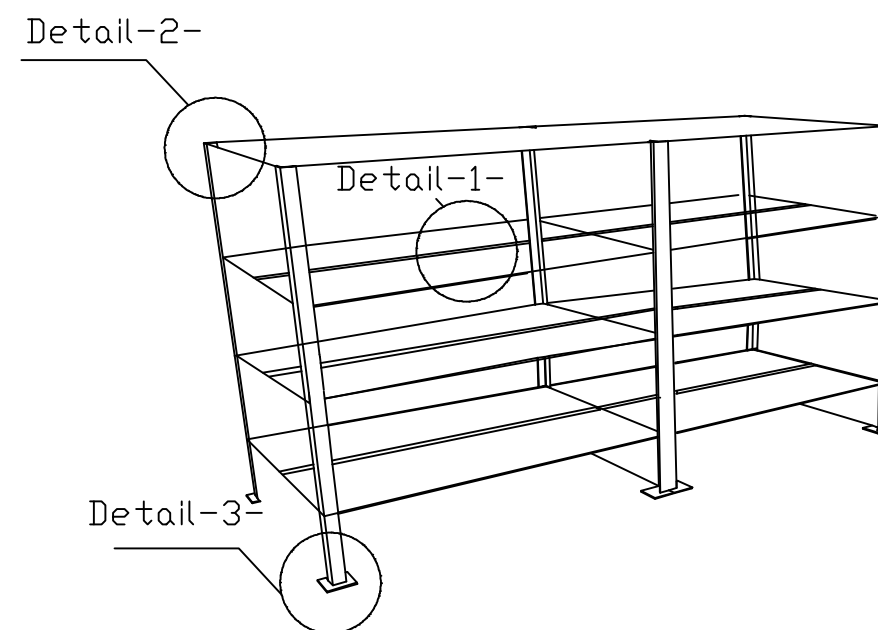
Drawing name
solar panels Layout

Scale	Drawing No.
To/From	E 01

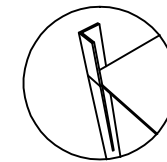




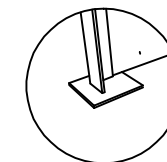
WINDOW STEEL PROTECTION
Detail-4-



Detail-1-
hot Galvanized
double angle
5*5 cm with
5mm depth



Detail-2-
hot Galvanized
angle 5*5 cm
with 5mm
depth



Detail-3-
Galvanized
plate 12*12
cm*4mm

NOTES:

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Approved UNDP

Project Name
RIGHT TO EDUCATION

School name
Abdul Karim Al Karmi primary Boys School

Drawing name
Sections of solar room & Details

Scale Drawing No.
To Be E 02

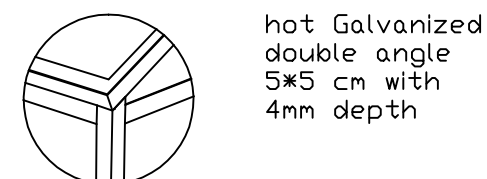
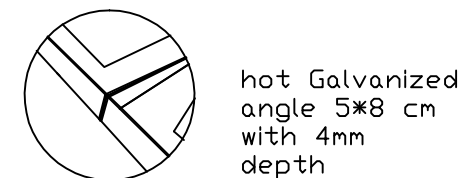
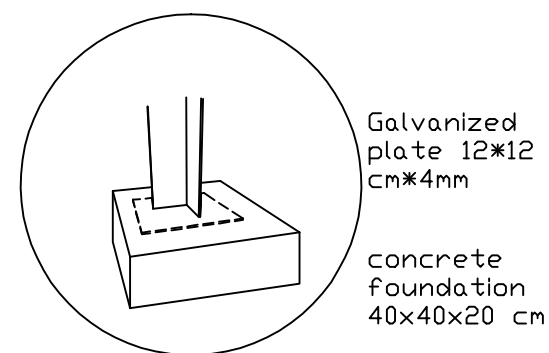
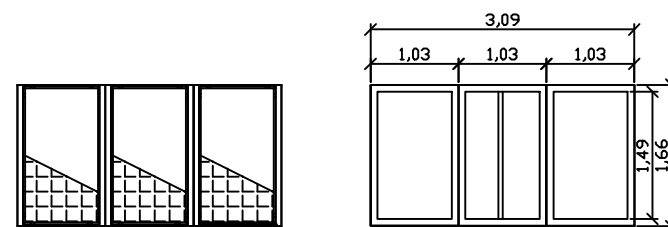
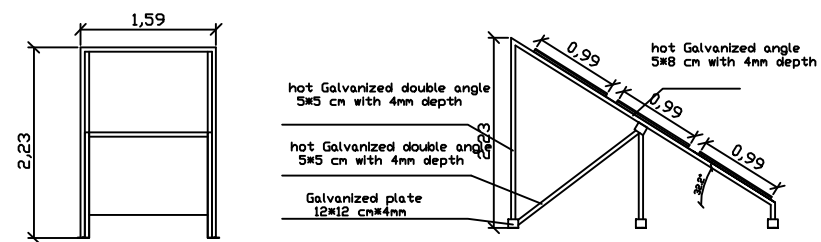
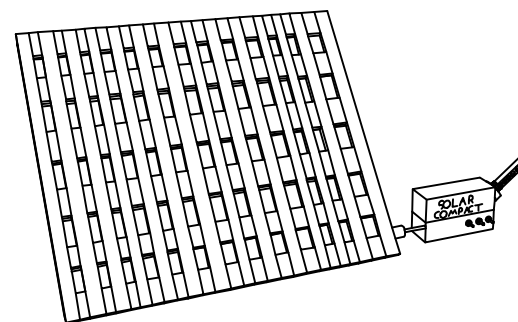
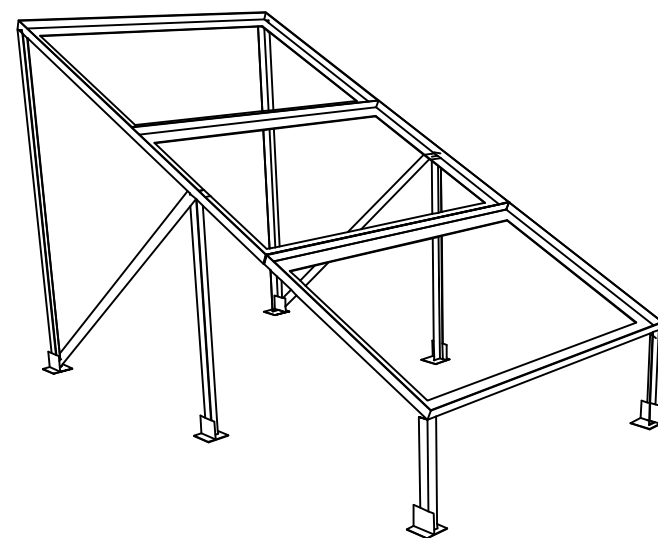
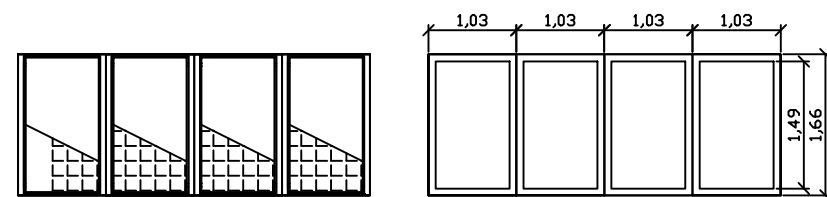
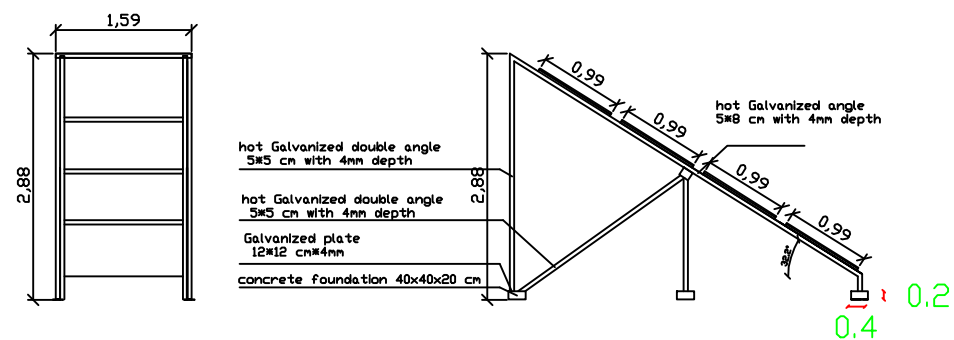


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Checked UNDP

Approved UNDP

Project Name

RIGHT TO EDUCATION

School name

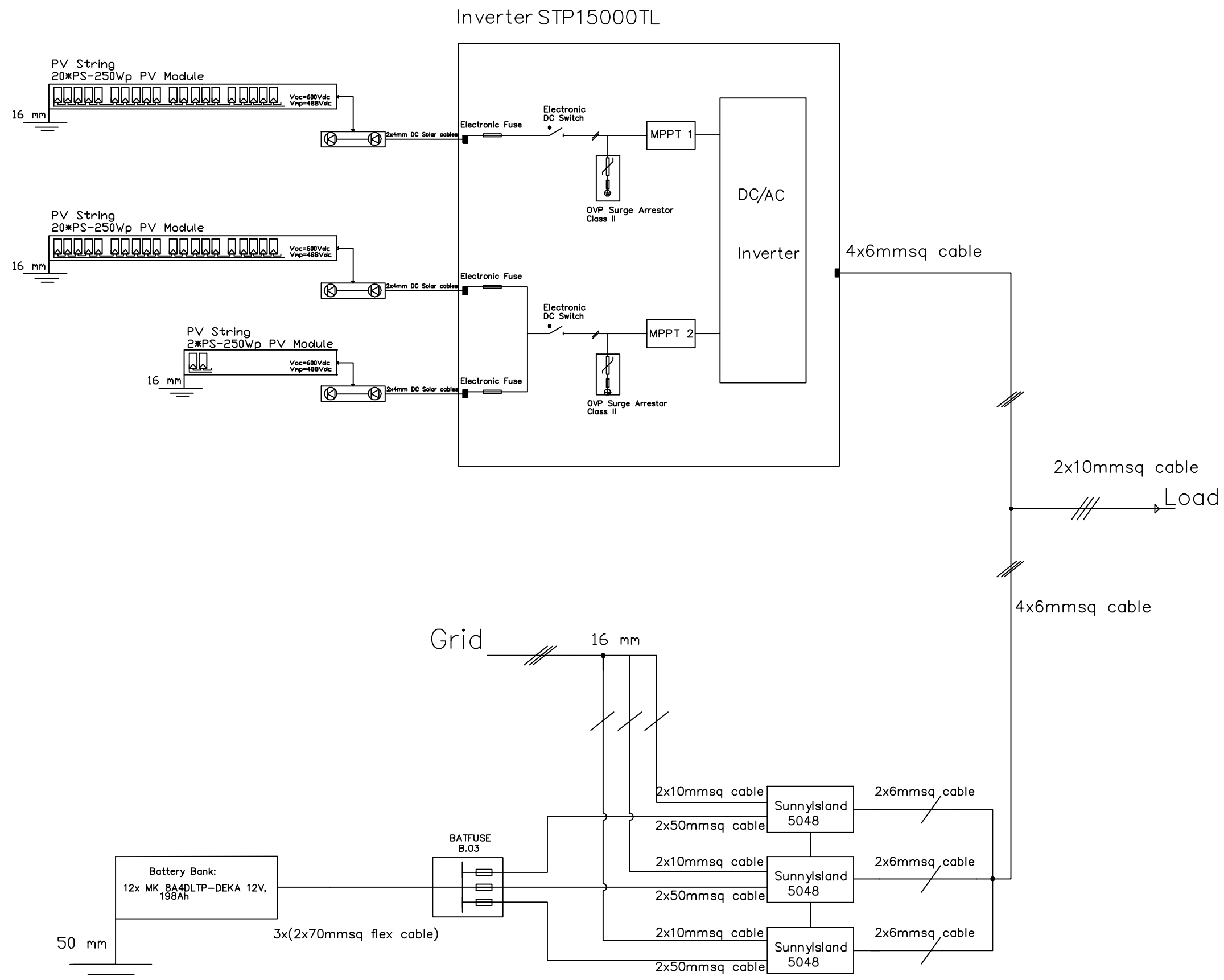
Abdul Karim Al Karim primary Boys School

Drawing name

solar panels mounting structure

Scale Drawing No.

To Be E 04



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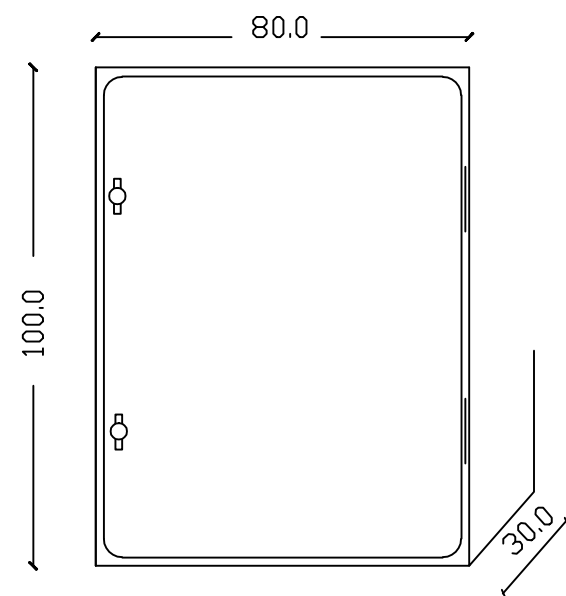
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

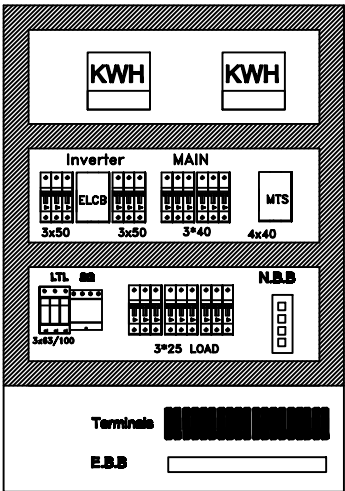
School name
Abdul Karim Al Karmi primary Boys School

Drawing name
Single line diagram of solar system

Scale	Drawing No.
1:1	E 05




OUTSIDE ELEVATION




NOTES:

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Checked	UNDP	
Approved	UNDP	

Project Name

RIGHT TO EDUCATION

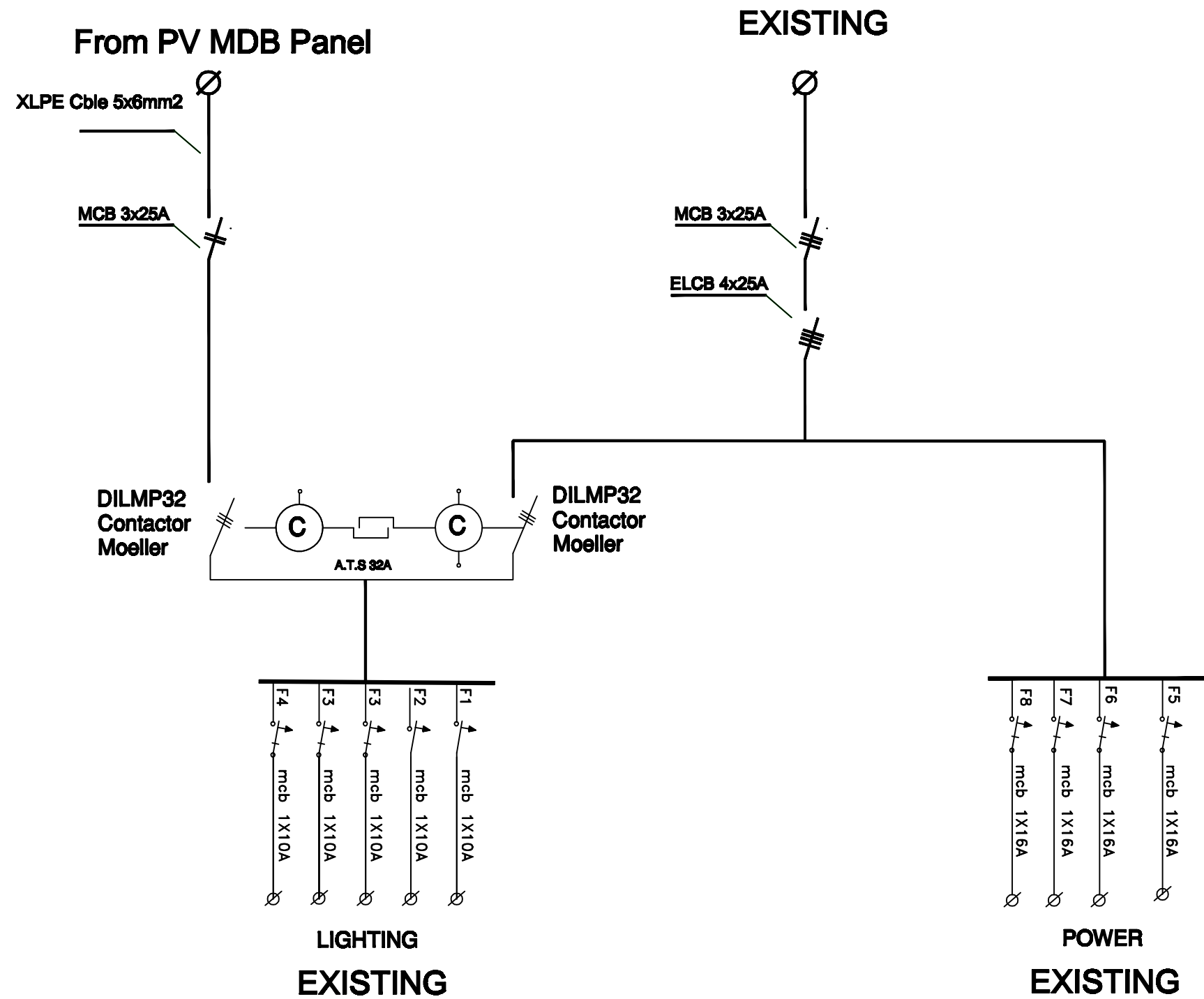
School name

Abdul Karim Al Karmi primary Boys School

Drawing name

MDS PANEL LAYOUT

Scale	Drawing No.
To/From	E 06



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Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

School name
Abdul Karim Al Karim primary Boys School

Drawing name
SDS PANEL DIAGRAM

Scale	Drawing No.
To/From	E 08

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Approved	UNDP

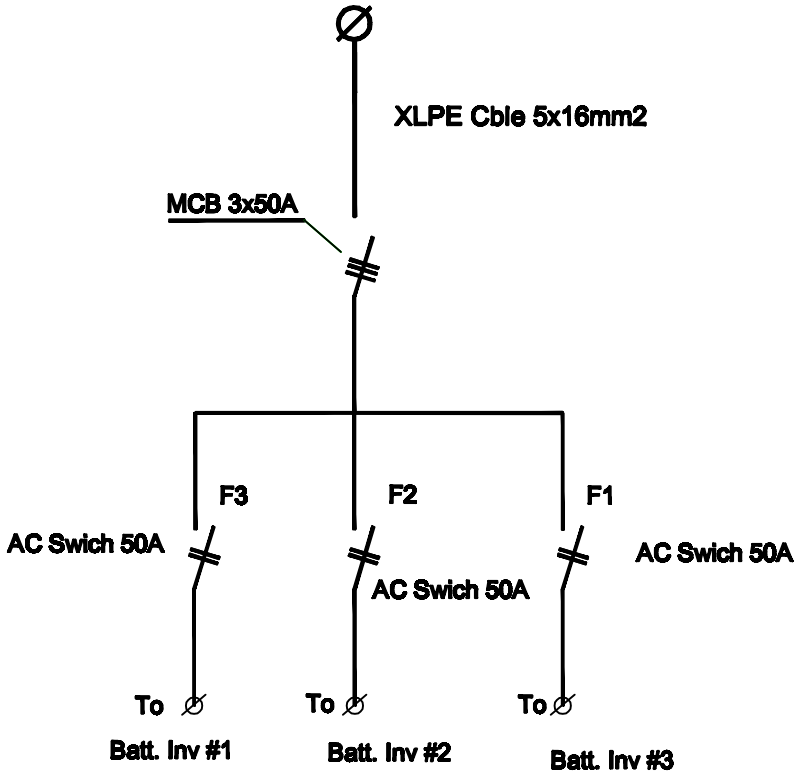
Project Name
RIGHT TO EDUCATION

School name
Abdul Karim Al Karmi primary Boys School

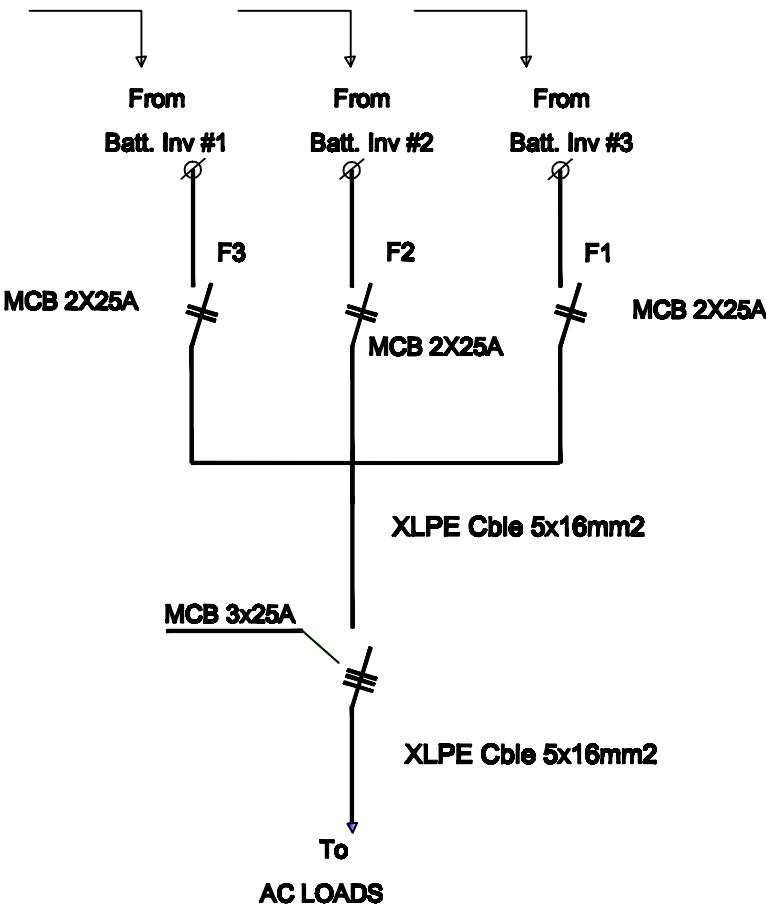
Drawing name
AC OUT & AC IN

Scale	Drawing No.
To/From	E 09

AC IN FOR CHARGING



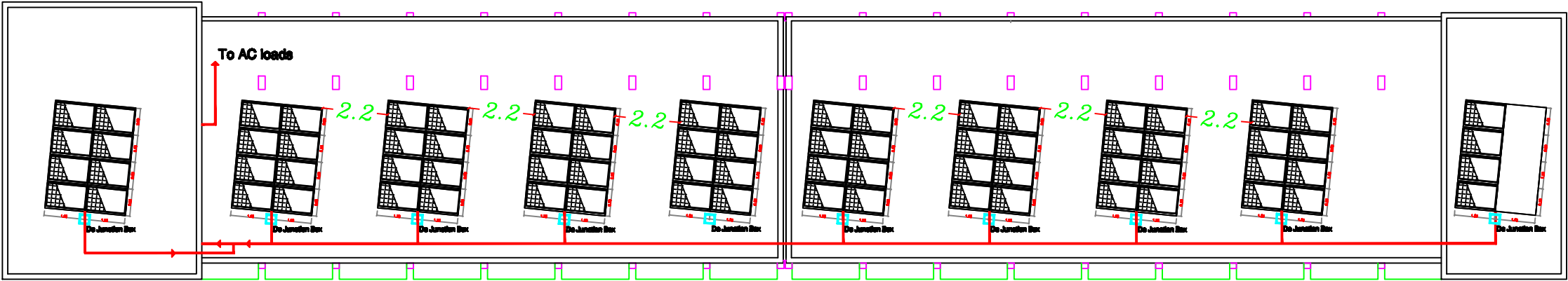
AC IN PANEL



AC OUT PANEL

Al motanaby Primary Boys School		
School lighting loads K.Watt	No. of PV modules	No. of batteries
19	76	60

76 PV modules



NOTES:

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Al Fakhara Programme

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Programme of Assistance to the Palestinian People

Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name

RIGHT TO EDUCATION

School name

Al motanaby Primary Boys School

Drawing name

solar panels Layout

Scale	Drawing No.
1:10	E 01

NOTES:

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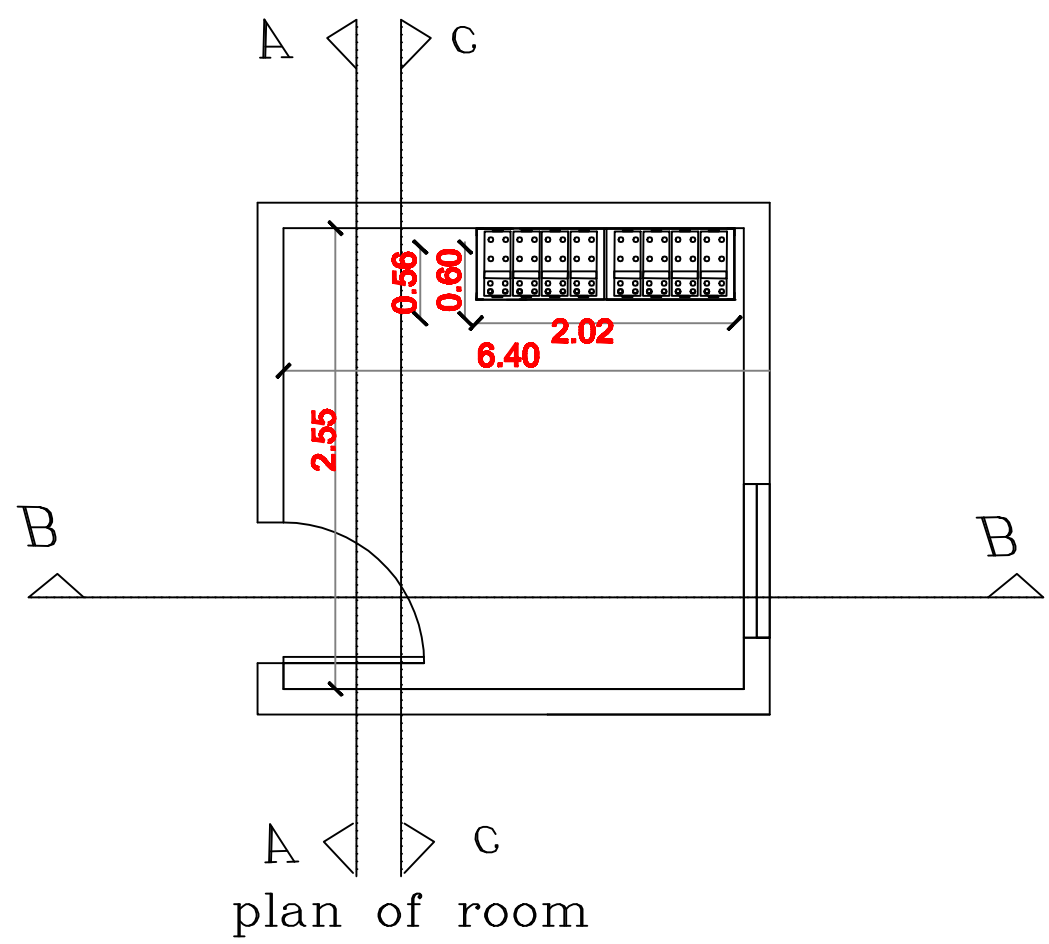
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

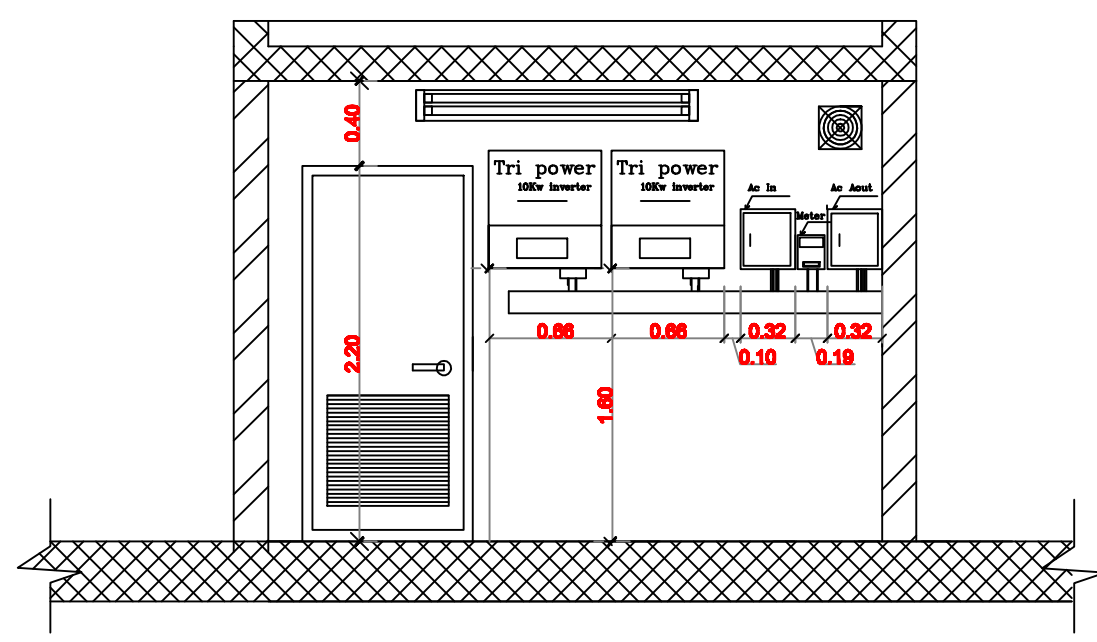
School name
Al Motanaby Primary Boys School

Drawing name
Sections of solar room & Details

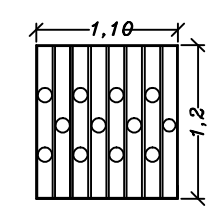
Scale	Drawing No.
1:10	E 02



plan of room



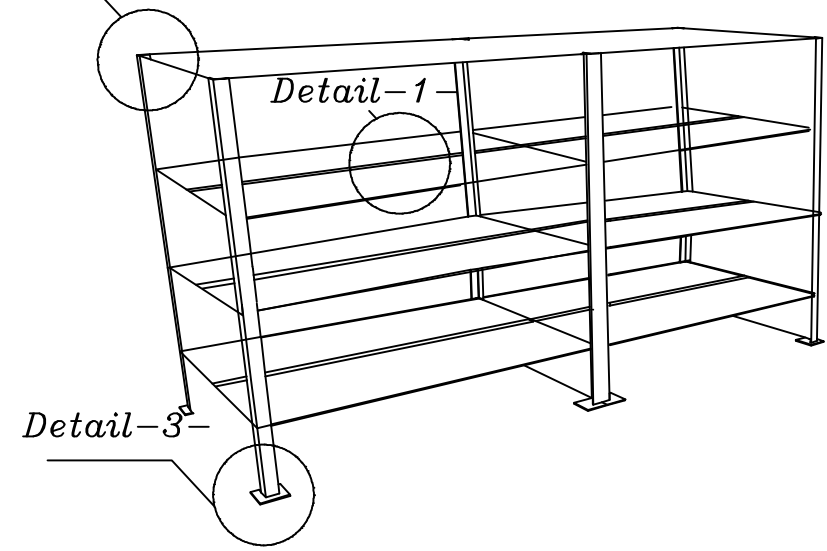
section A-A



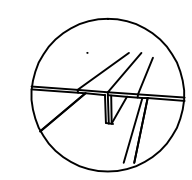
hot Galvanized
8mm thick*40
mm wide
frame, 8mm
thick*20mm
wide every
12cm for
vertical plate

WINDOW STEEL PROTECTION
Detail-4-

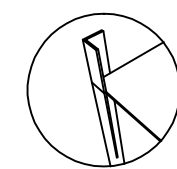
Detail-2-



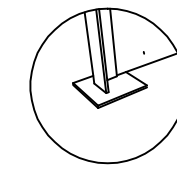
Detail-3-



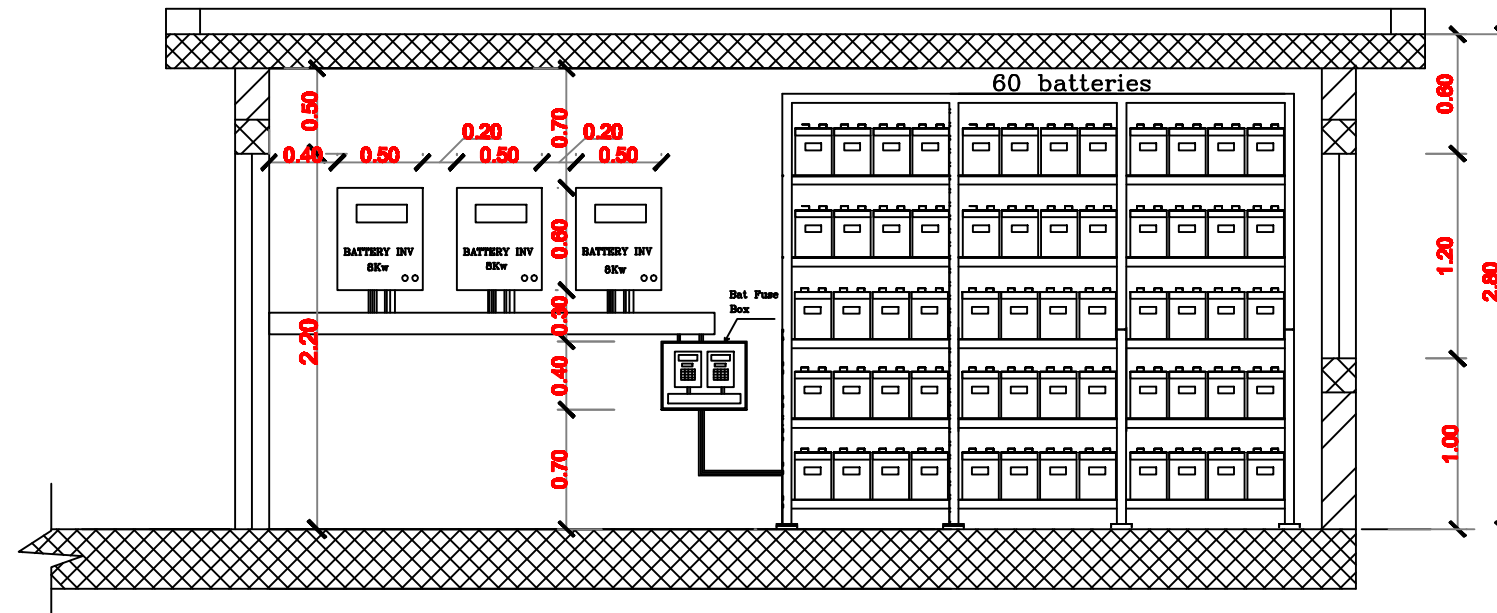
Detail-1-
hot Galvanized
double angle
5*5 cm with
5mm depth



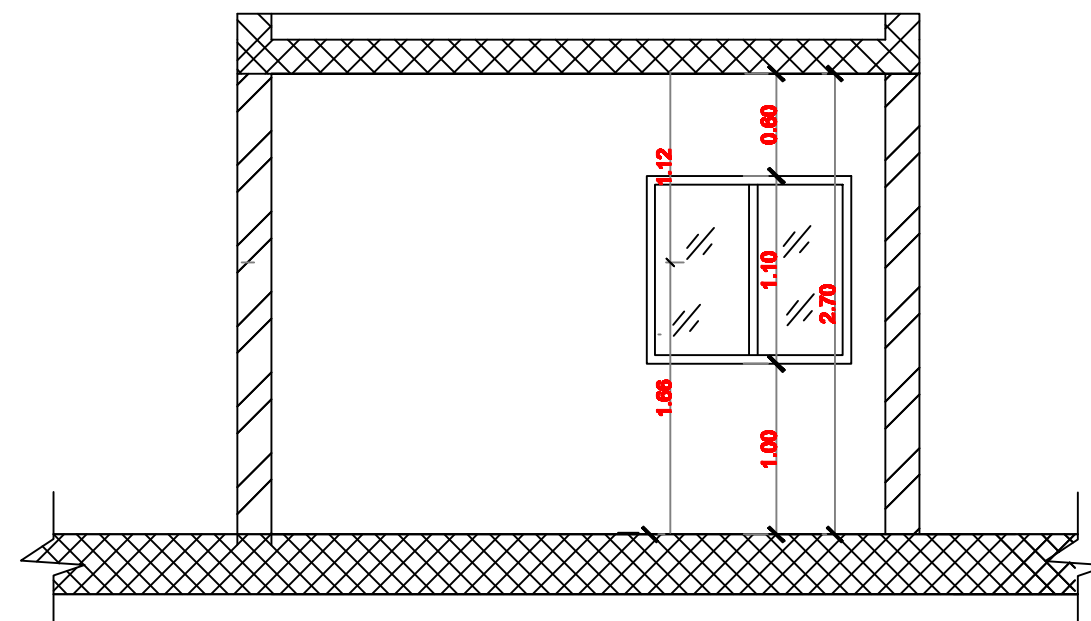
Detail-2-
hot Galvanized
angle 5*5 cm
with 5mm
depth



Detail-3-
Galvanized
plate 12*12
cm*4mm



section B-B



section C-C

NOTES:

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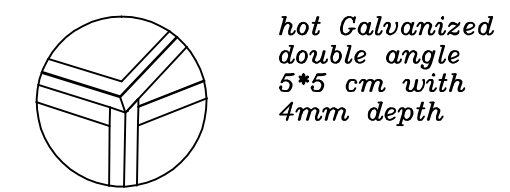
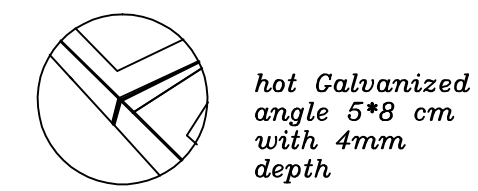
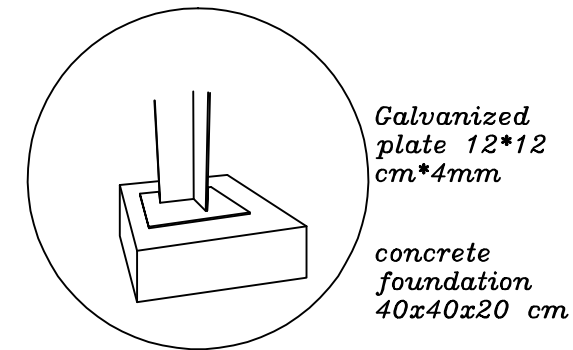
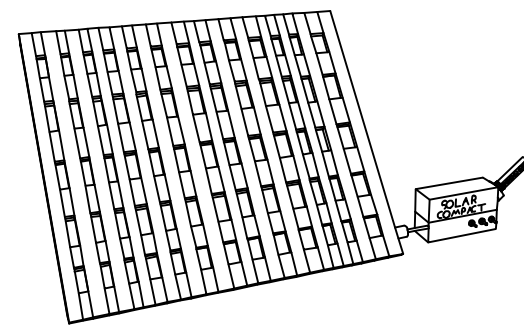
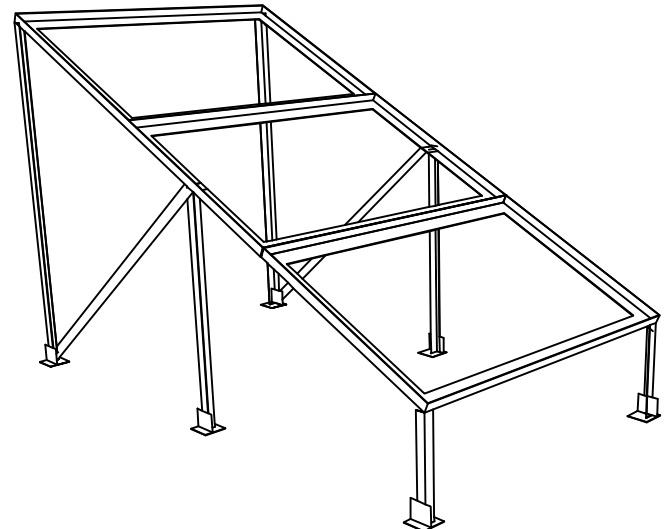
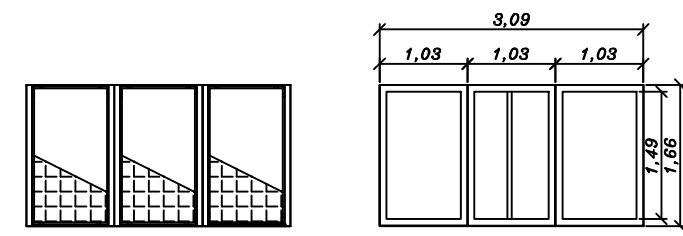
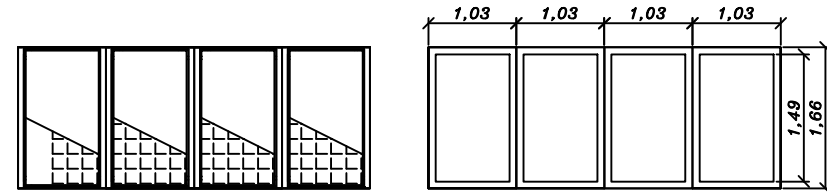
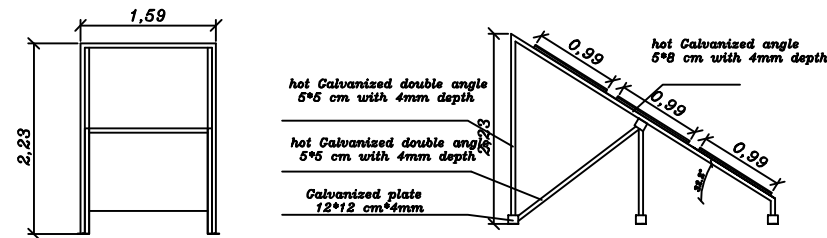
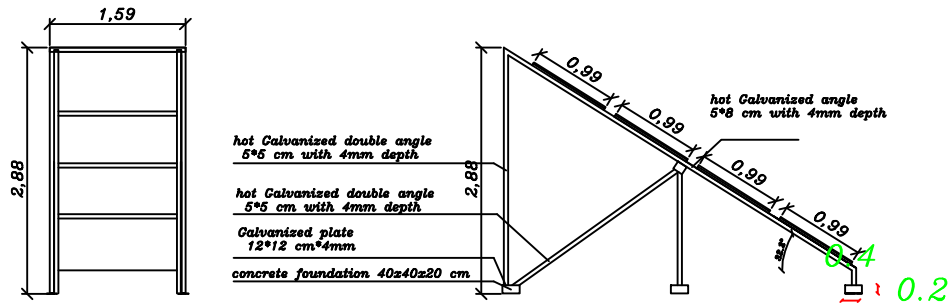
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

School name
Al Motanaby Primary Boys School

Drawing name
Batteries bank details

Scale	Drawing No.
1:10	E 03



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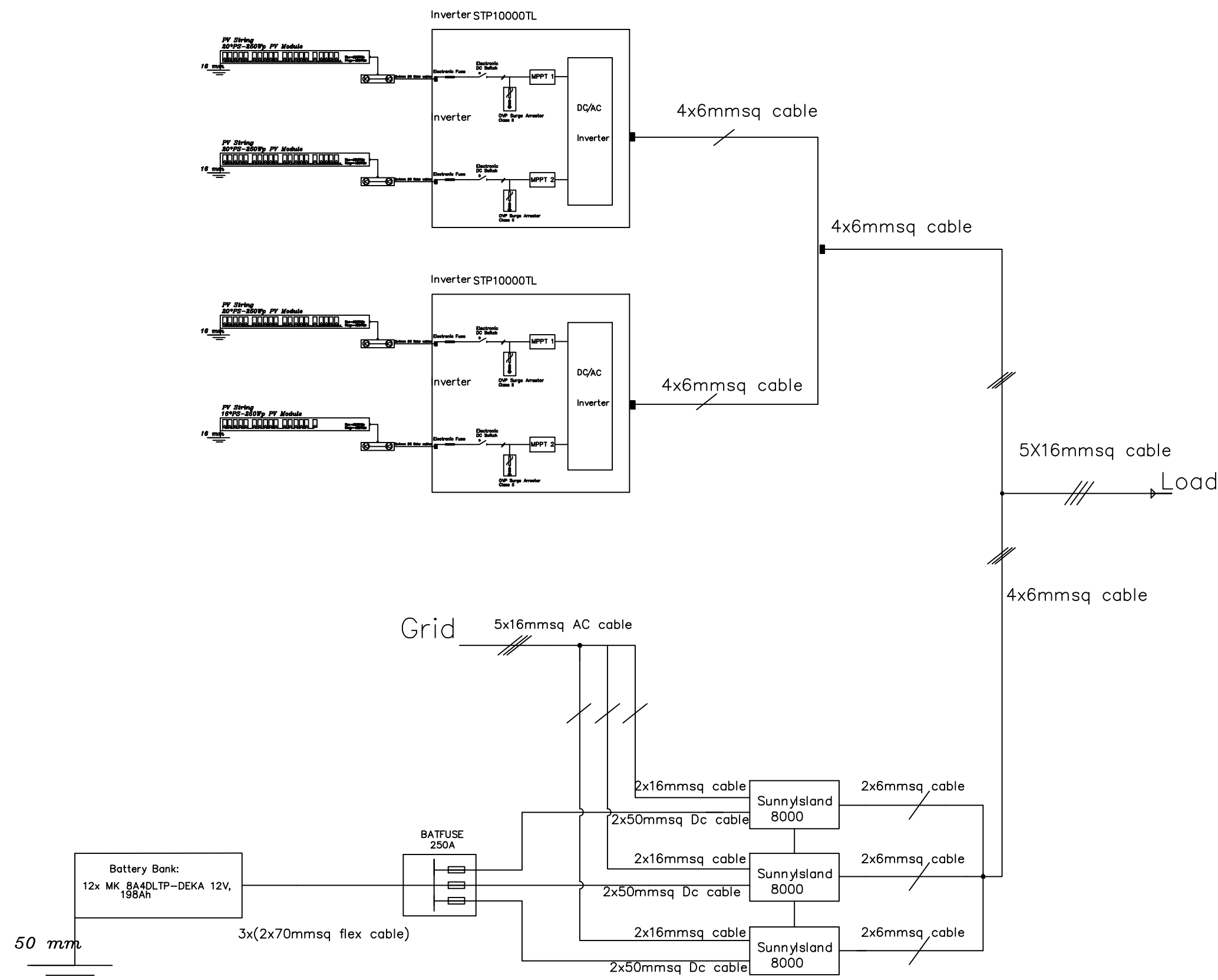
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

School name
Al Motanaby Primary Boys School

Drawing name
solar panels mounting structure

Scale	Drawing No.
1:10	E 04



NOTES:

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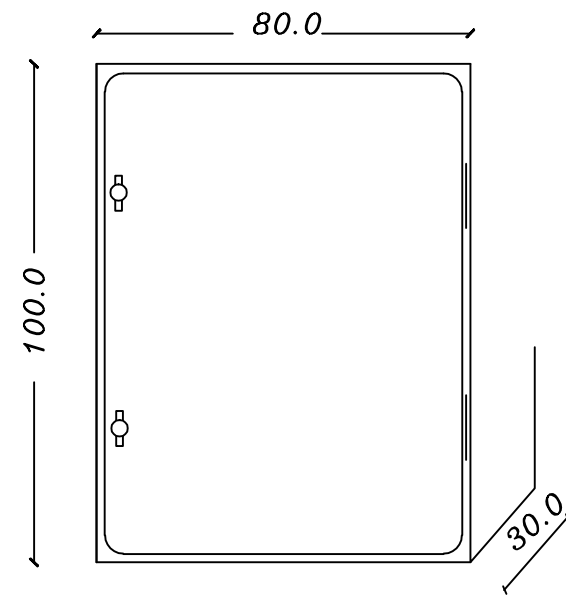
Designed: ENG. ALAA SHALABY
Checked: UNDP
Approved: UNDP

Project Name: RIGHT TO EDUCATION

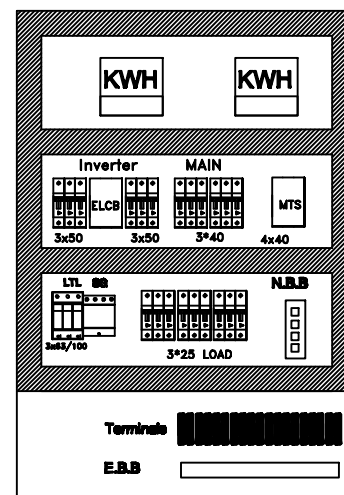
School name: Al Motanaby Primary Boys School

Drawing name: Single line diagram of solar system

Scale: 1:100
Drawing No.: E 06



OUTSIDE ELEVATION



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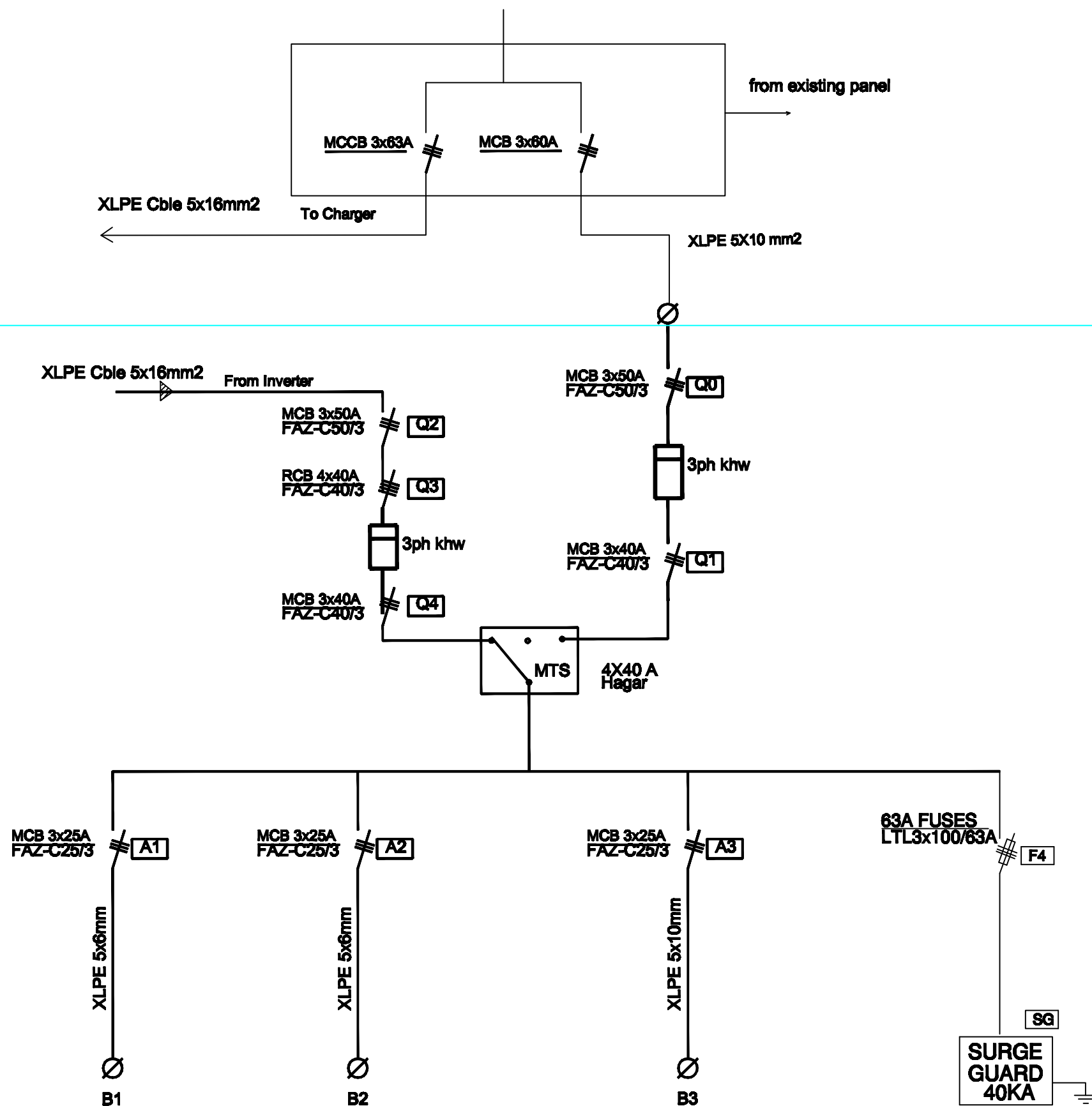
Designed	ENG. ALAA SHALABY	
Checked	UNDP	
Approved	UNDP	

Project Name
RIGHT TO EDUCATION

School name
Al mounaby Primary Boys School

Drawing name
MDB PANEL LAYOUT

Scale	Drawing No.
1:1	E 07



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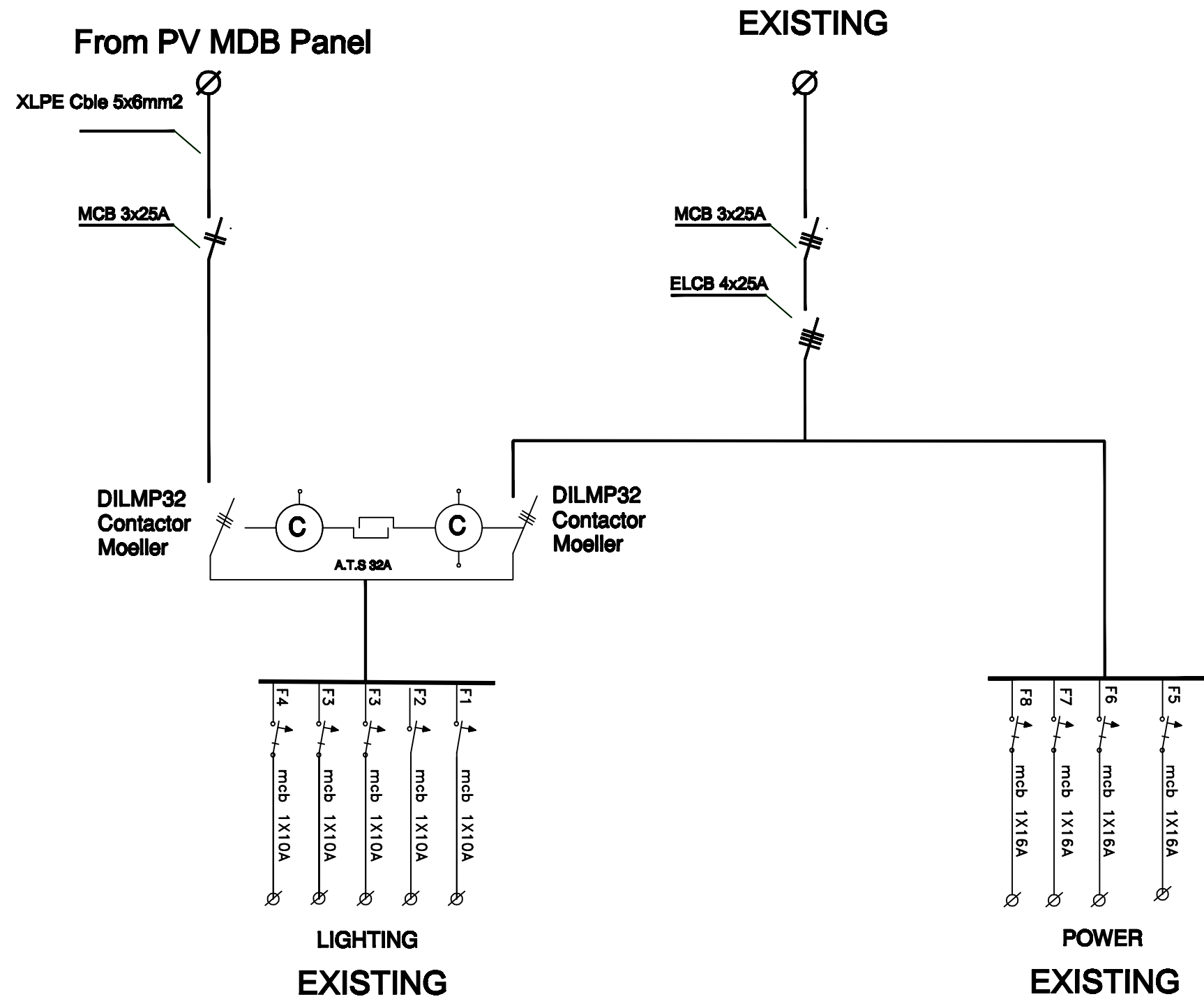
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

School name
Al Motanaby Primary Boys School

Drawing name
PV AC MDB PANEL

Scale	Drawing No.
To/From	E 08



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Project Name
RIGHT TO EDUCATION

School name
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Drawing name
SDS PANEL DIAGRAM

Scale	Drawing No.
To/From	E 09

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Checked	UNDP
Approved	UNDP

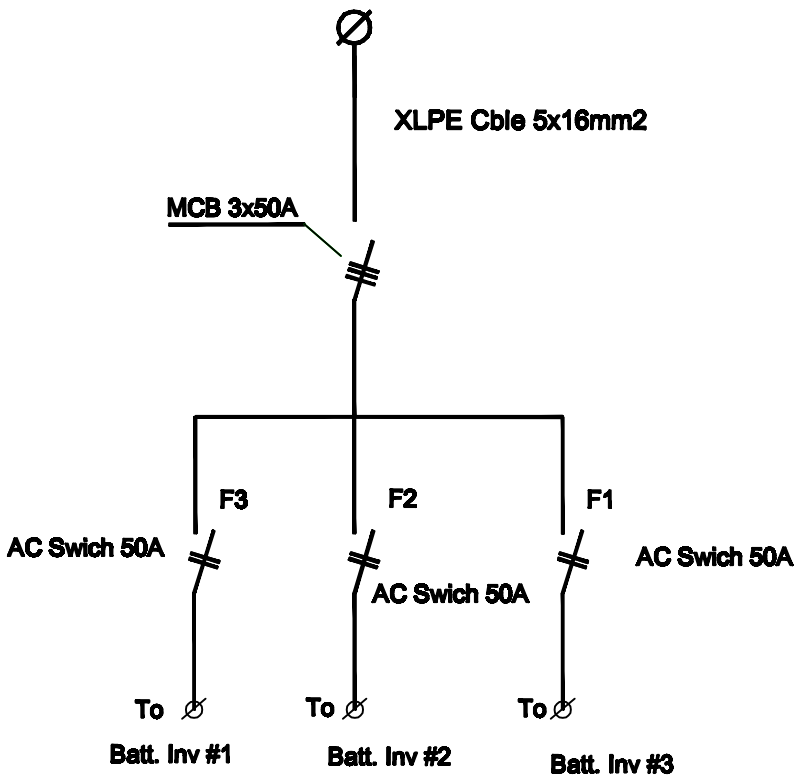
Project Name
RIGHT TO EDUCATION

School name
Al molaraby Primary Boys School

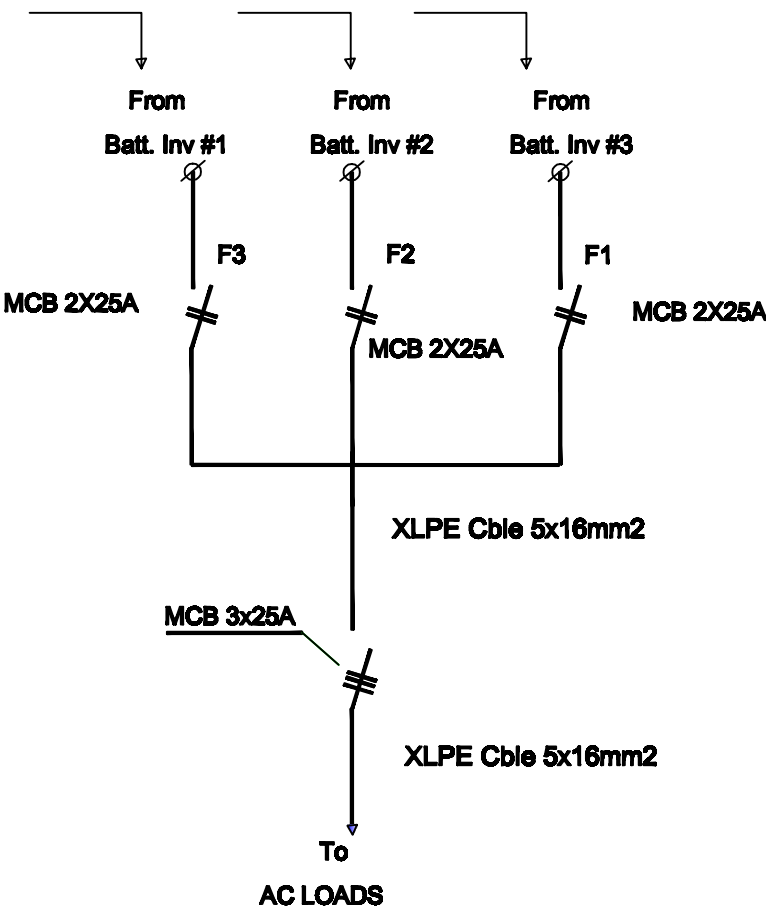
Drawing name
AC OUT & AC IN

Scale	Drawing No.
To/From	E 10

AC IN FOR CHARGING

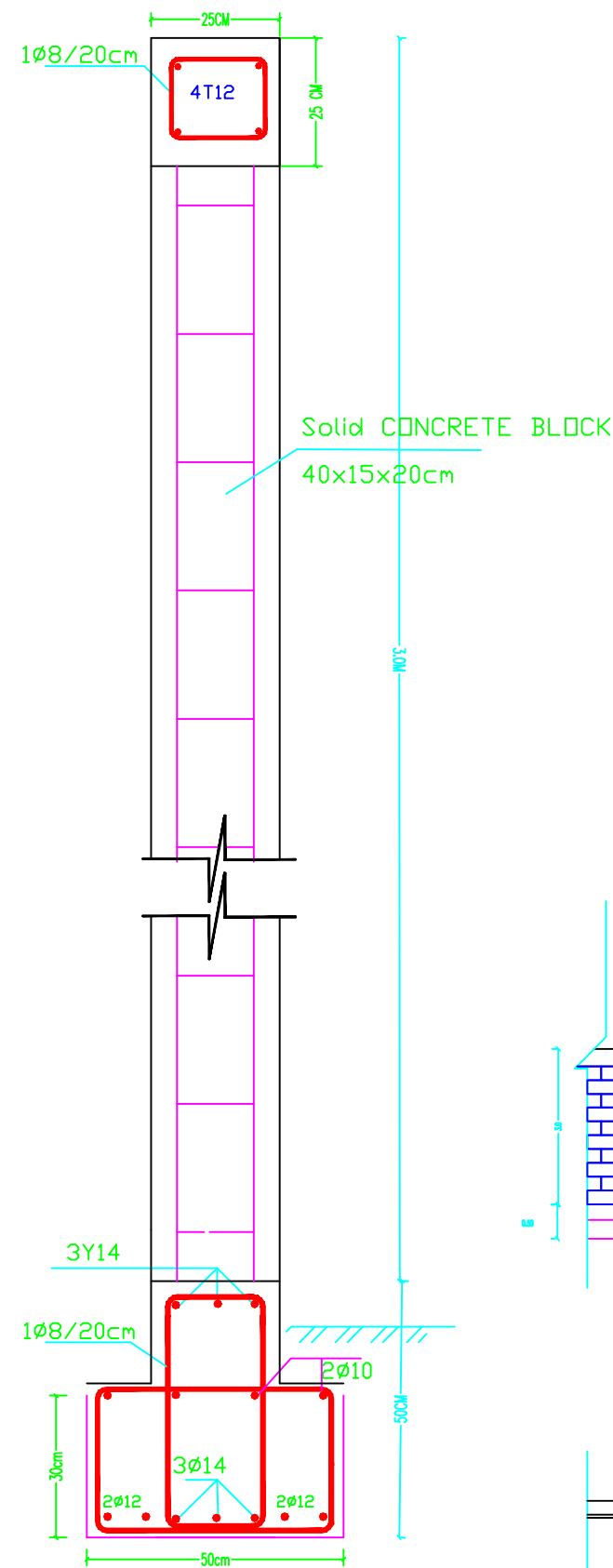


AC IN PANEL

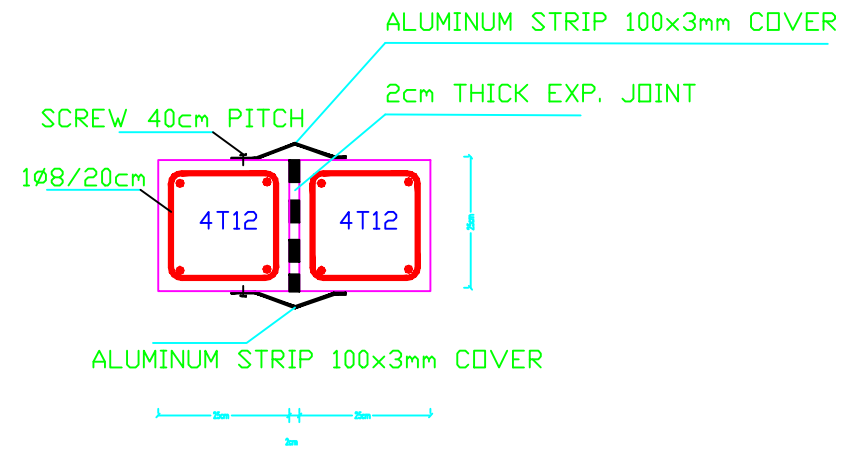


AC OUT PANEL

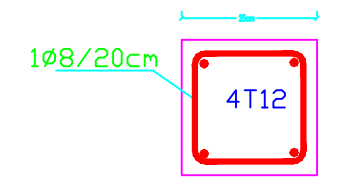
External Works



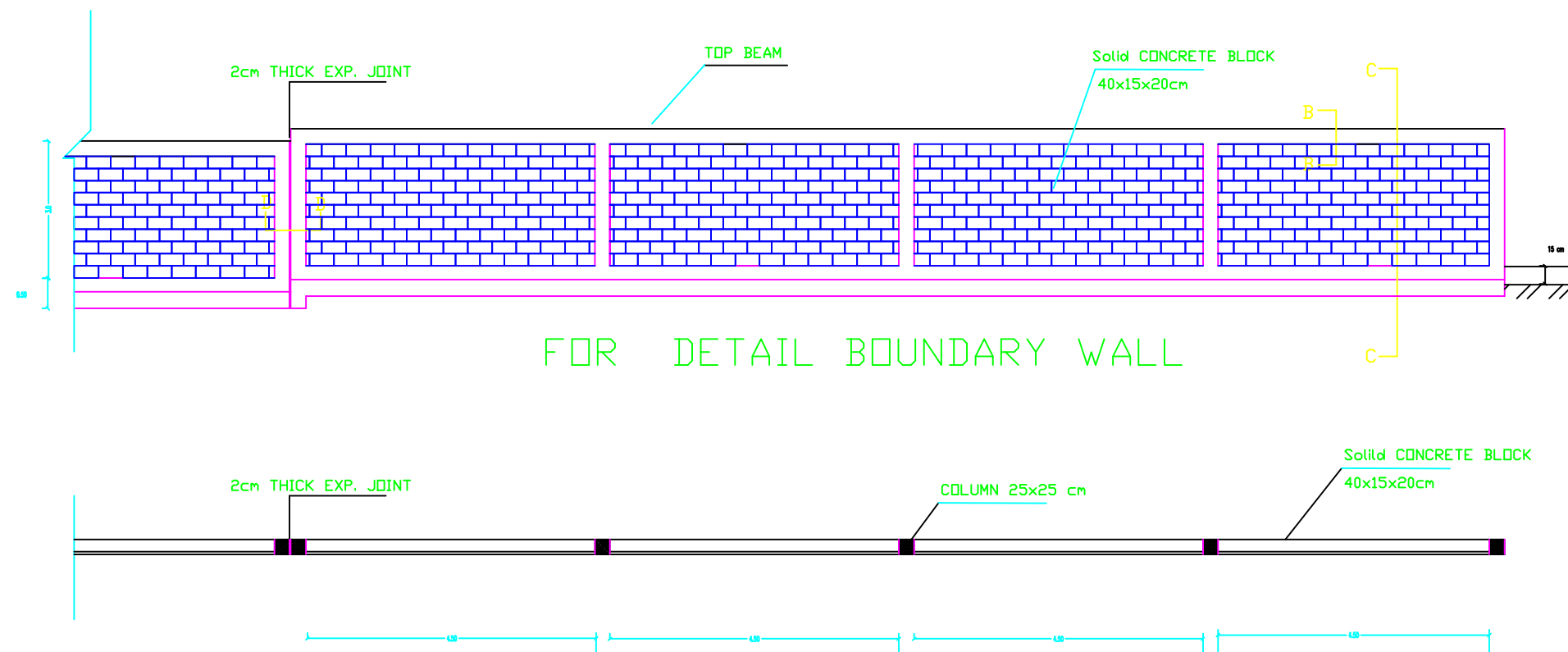
DETAILS FOR SECTION C-C



DETAILS FOR SECTION D-D



DETAILS FOR SECTION B-B



BOUNDARY WALL PLAN

NOTES:

- concrete class 300 kg/cm
- cover to steel incl.
- stirrups:
 - In columns: 25 mm
 - In slabs: 25 mm
 - In beams: 25 mm
 - In ground beams: 50 mm
 - In foundations: 50 mm
 - In columns' necks: 50 mm
 - In ground slabs: 40 mm
- ribbed high yield steel yield strength = 410 N/mm²
- mild steel yield strength = 250 N/mm²
- Standard radii of bends and hooks as given below to be used unless specifically shown otherwise.



bar size	grade 250 (type and grade D)	grade 410 (type and grade D)
d	r	
6	12	
8	16	
10	20	
12	24	
14	28	
16	32	

Foundations, Necks, and Ground beam to be painted with Two layers of bitumen type 75

Specific materials for using in Expansion Joint :-

- Bituminous Sealant
- Fiber board Thickness = 20mm.
- Cork with thick. = 20mm.
- Polurethan, thick. = 20mm. with density not less than 40 kg/m³
- Polystyrene with density not less than 40 kg/m³

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Drawing name

FENCE DETAILS

Symbol	Drawing No.	Rev. No.
FW	FW 01	R1

NOTES:

STEEL REINFORCEMENT

Steel type: deformed steel bars.
Yield strength: $f_y = 4200$

CONCRETE COMPRESSIVE STRENGTH

For main building:

Plain concrete under foundation = 150 kg/cm²
Foundation = 250 kg/cm²
Frames: Columns = 300 kg/cm²
Beams = 300 kg/cm²
Ground beams = 300 kg/cm²
Ground slabs = 200 kg/cm²
Stairs = 300 kg/cm²

For other buildings:

Foundation = 250 kg/cm²
Columns = 300 kg/cm²
Ground beams = 250 kg/cm²
Slabs = 250 kg/cm²
Other items = 250 kg/cm²

CONCRETE COVERS

Foundation = 5-7cm
Column Necks = 5 cm
Columns = 2.5 cm
Beams = 2.5 cm
Ground beams: bottom cover = 5.0 cm
Top & side cover = 2.5 cm

OTHER NOTES

- In main building, foundation & Col's are designed to carry three floors only
- Minimum excavation depth is 1.5 m
- Backfilling should be made by using selected soil on layers, max. 25cm thick each according to specification.

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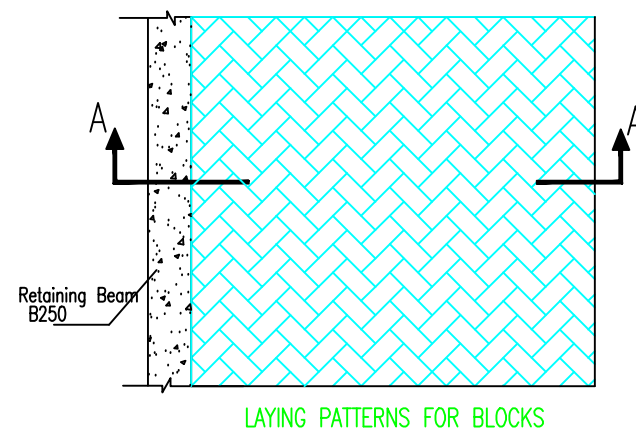
School name

Drawing name

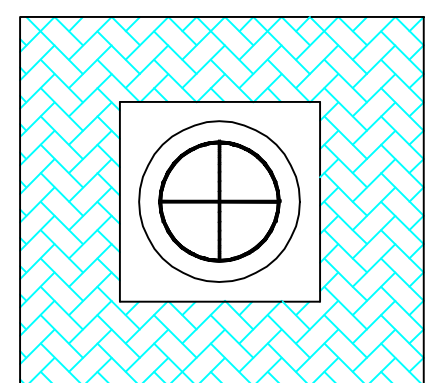
Aprons detail, handrail concrete wall
stair case & interlock details

Symbol	Drawing No.	Rev. No.
88	BW 02	R1

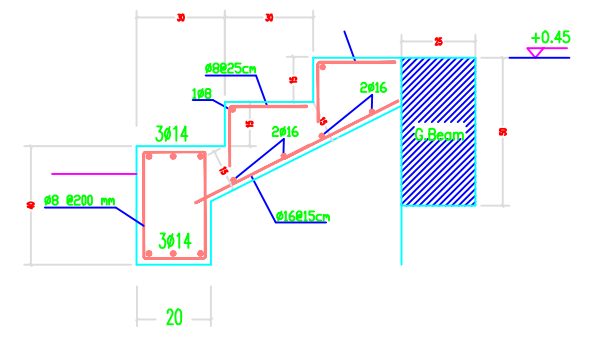
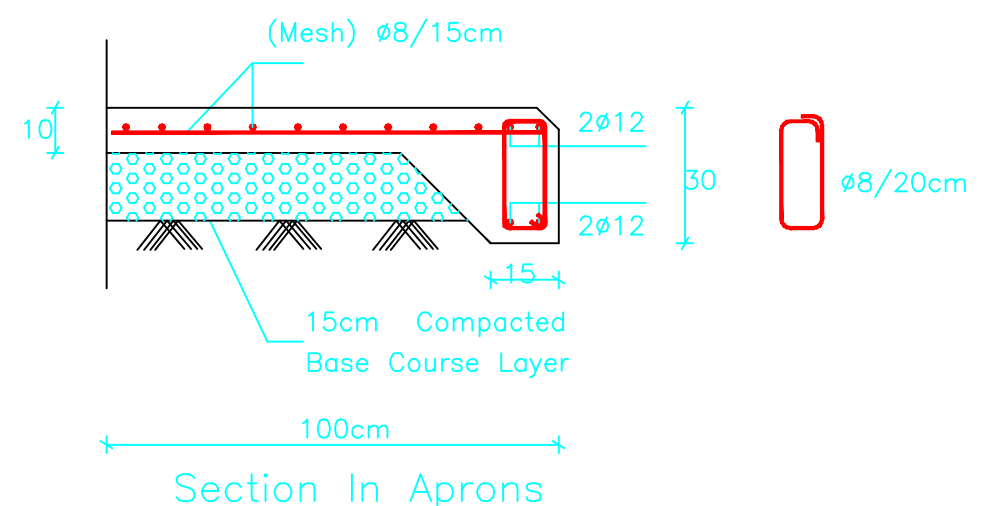
The Contractor has to submit detailed
Shop Drawings of all works for approval
Of the supervisor Engineer



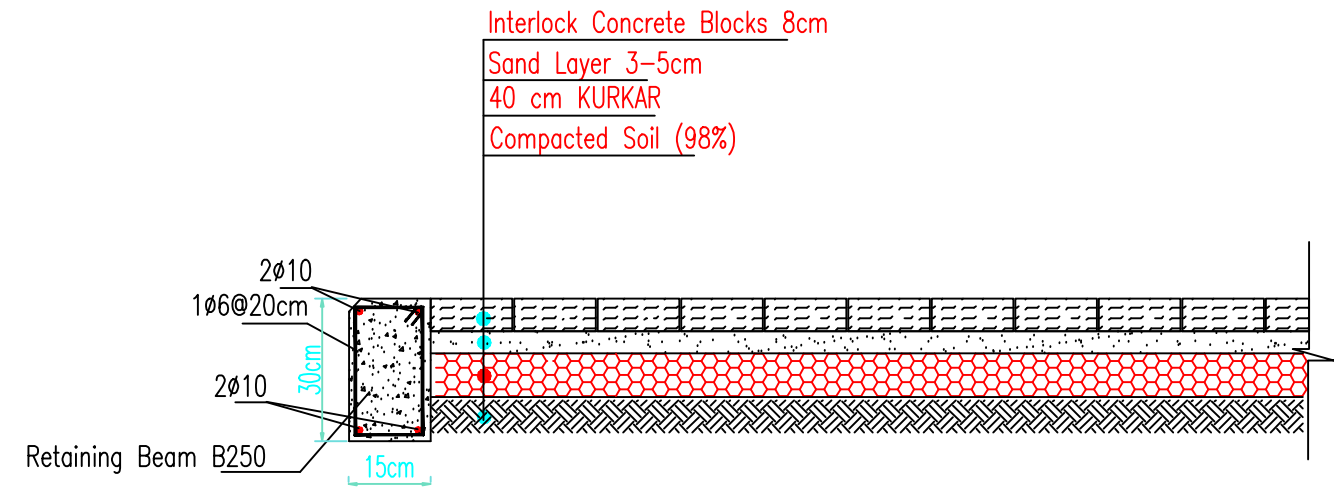
LAYING PATTERNS FOR BLOCKS



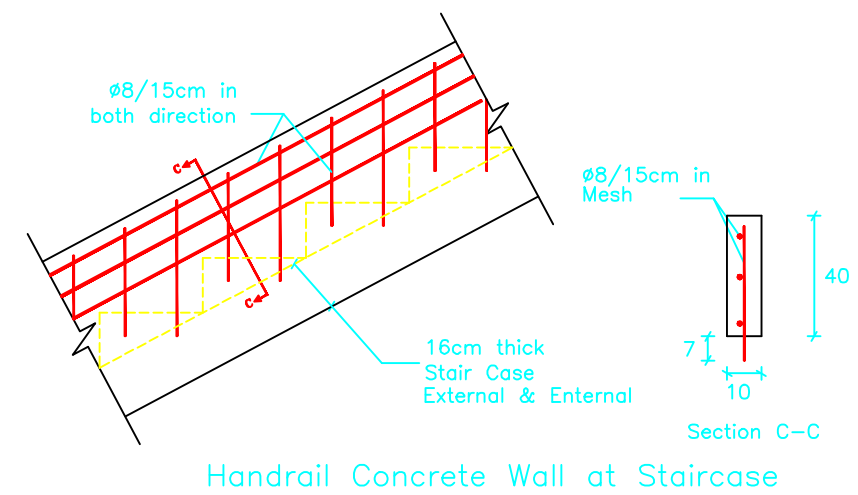
CONCRETE AROUND MANHOLE



Entrance Stair Cross Section

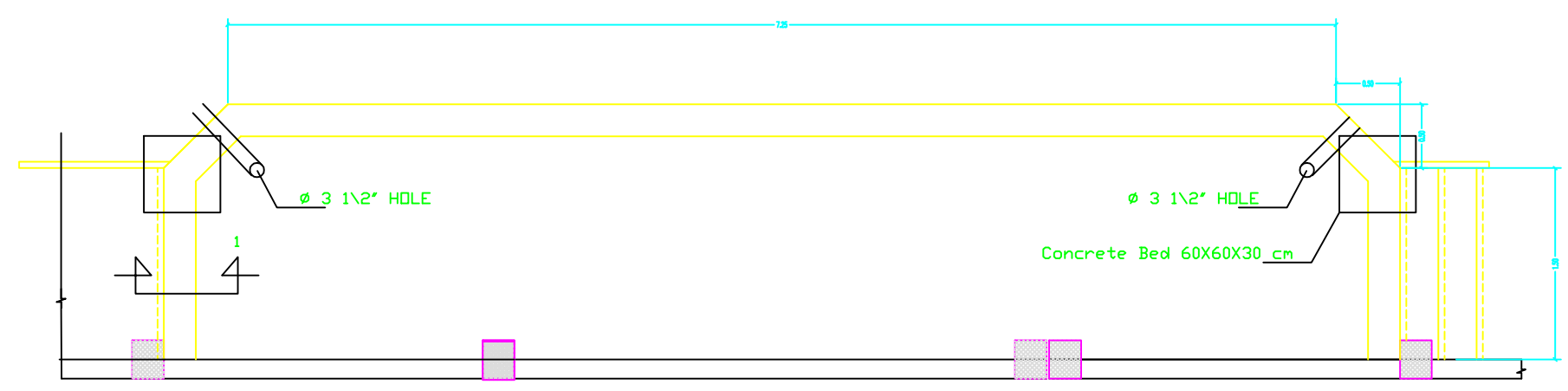


Section A - A
Interlock Tiles Pavement for School Yard

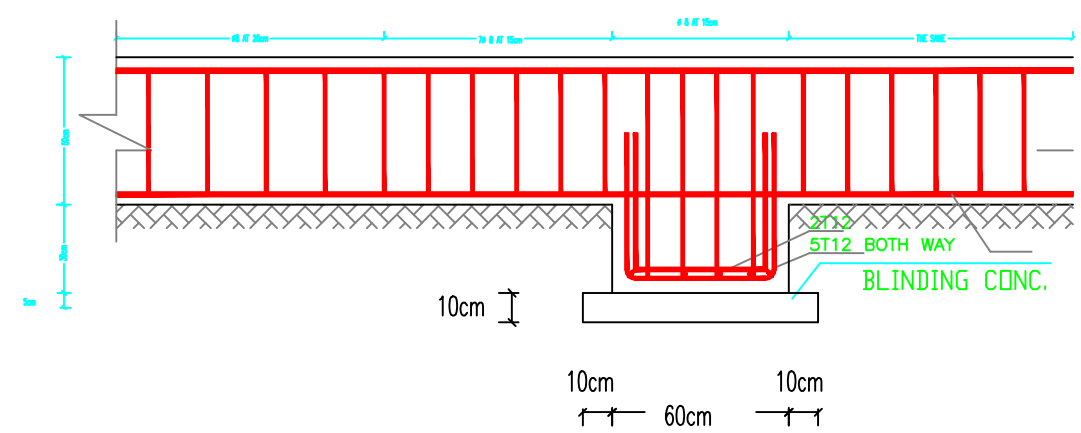


Handrail Concrete Wall at Staircase

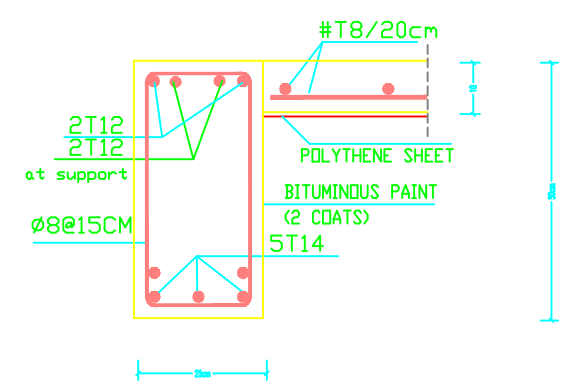
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PLATFORM PLAN



DETAIL for bed in tie beams level



SEC. 1-1

NOTES:

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PLATFORM PLAN & DETAILS

Symbol	Drawing No.	Rev. No.
88	BW 03	R1

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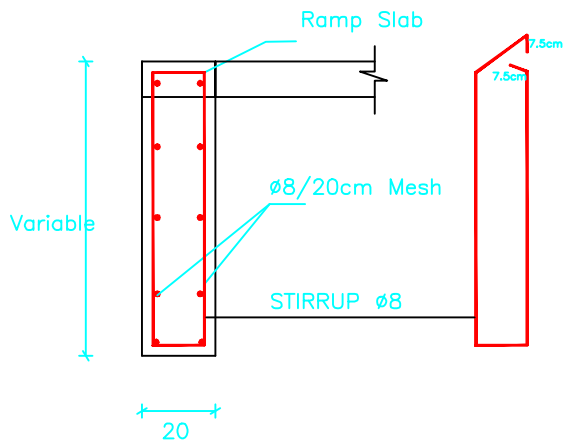
School name

Drawing name

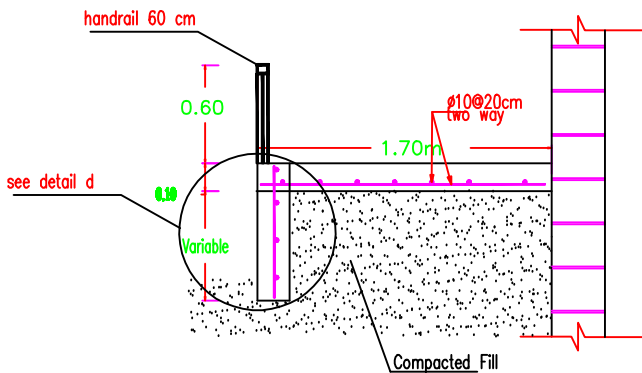
Ramp details

Symbol	Drawing No.	Rev. No.
88	EW 04	R1

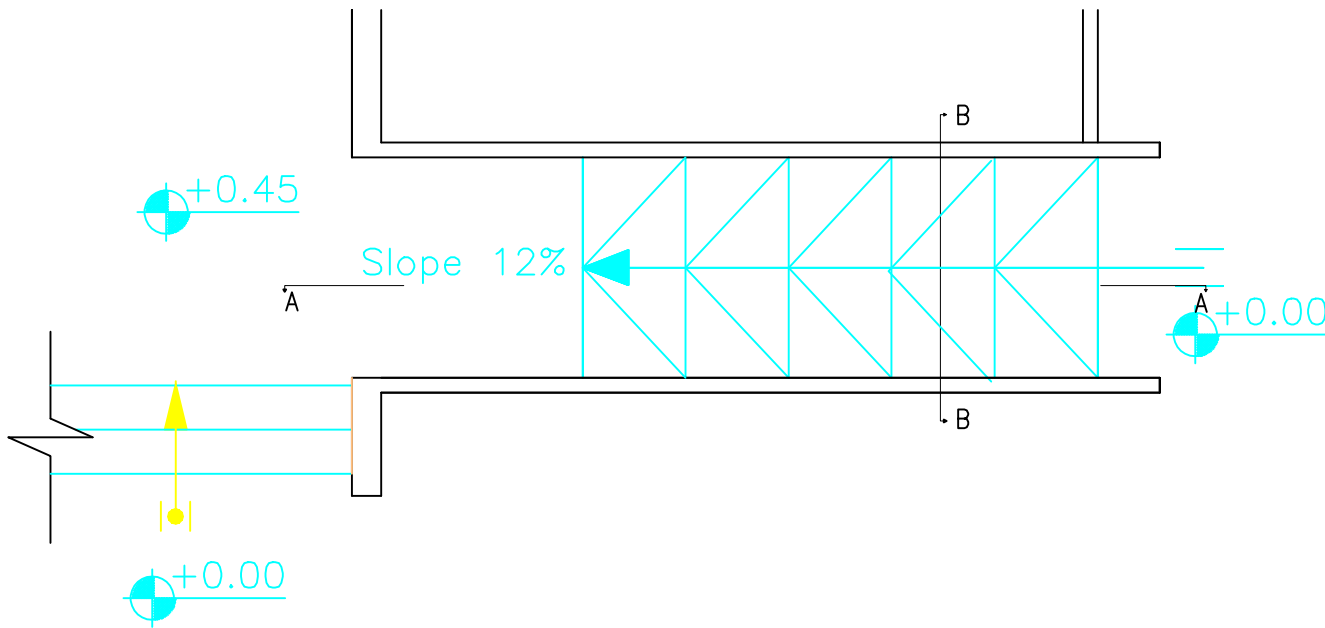
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Shop Drawings of all works for approval
Of the supervisor Engineer



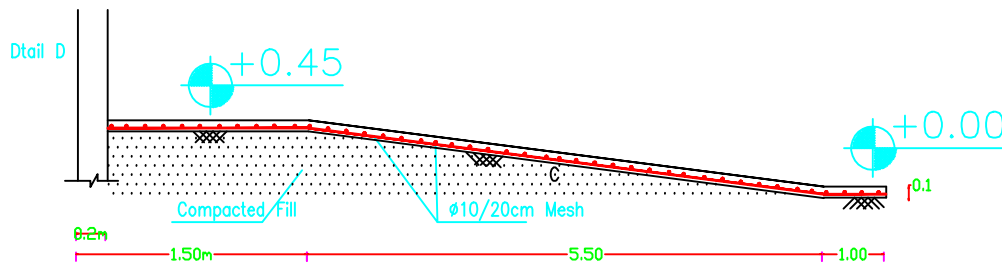
Section In Detail D
Details of Ramps Reinf. Concrete beams



Section B-B
Section in Ramp

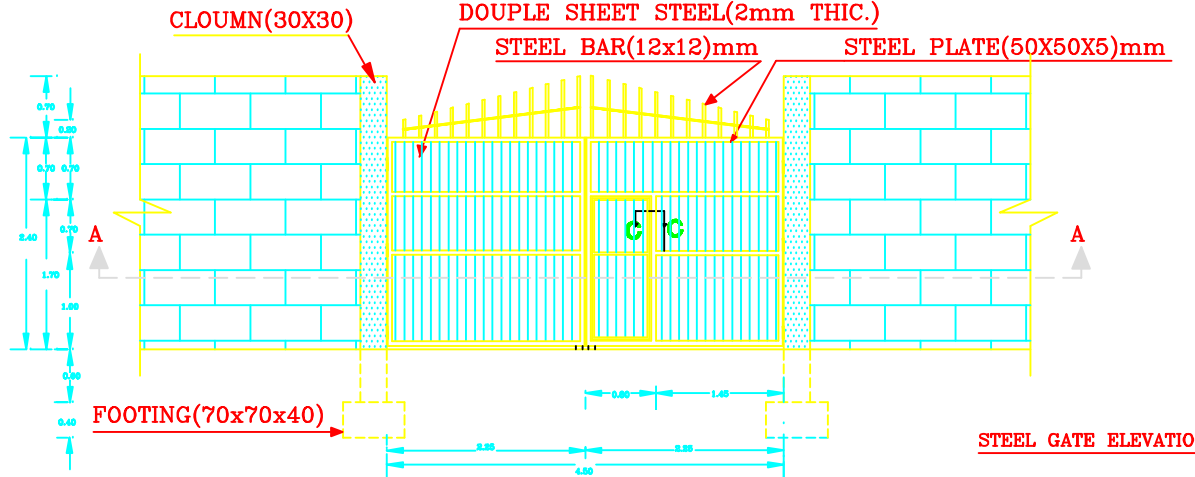


Section A-A



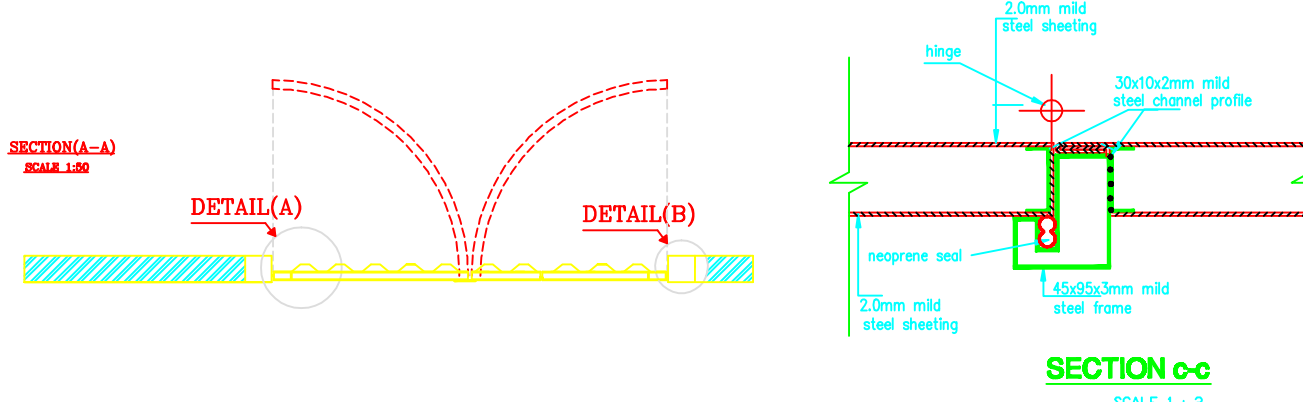
Ramp details

ENTRANCE SCHOOL DOOR



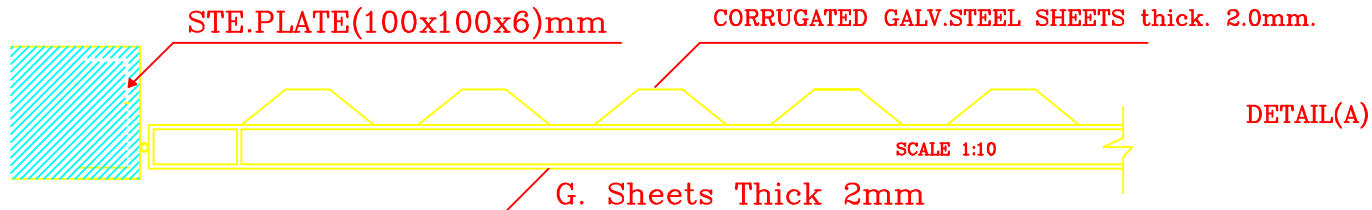
STEEL GATE ELEVATIO

SCALE 1:5



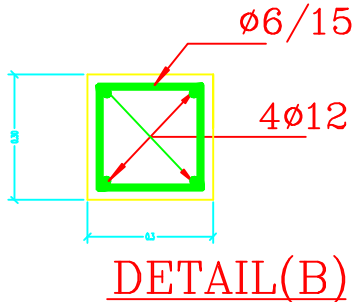
SECTION c-

SCALE 1

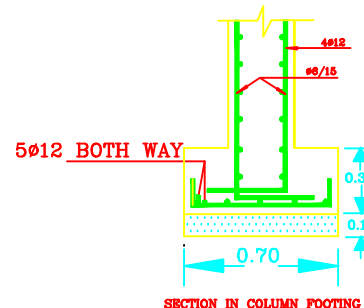


DETAIL(A)

Profile 100x60x3mm



DETAIL(B)



SECTION IN COLUMN FOOT

NOTES:

1. All timber to be softwood unless otherwise shown.
2. architraves and cover moulds to be
fixed to door frames with panel pins.
3. details should be handed where necessary.
4. hinges where necessary 3 butt hinges per door leaf.
all hinges to be approved.
5. wooden frames-frames abutting blockwork to be
built in with mild steel cramps as per specification.
6. frames abutting concrete to be drilled, countersunk
and secured with concrete bolts 3 per jamb.
7. doorstop: projecting wall mounted type10mm long,
fixed 100mm above FFL.
- 8.Wooden doors white wood and 4-mm thick
plywood.
- 9.All timber to be painted two coats
of oil paint according to the
engineer approval and frame will be
connected together by dove tail.
- 10.Door stoper must be fixed for all door's.
- 11.Door frame width will be equal
12. The door lock is "SWITCH UNION"(best quality)

**SAMPLES OF ALL MATERIALS MUST BE APPROVED BY THE ENGINEER BEFORE STARTING THE WORK.

NOTES FOR METAL DOORS

*-SAMPLES OF ALL PROFILES MUST BE APPROVED BY THE ENGINEER BEFORE STARTING THE WORK.

*-THE PRICE INCLUDE: SUPPLYING ,ERECTING
PAINTING AND SWITCH UNION KEY.

-BEFOR STARTING ANY WORK, THE CONTRACTOR HAS TO HANDLE SHOPDRAWINGS SHOWING THE RELATIONS BETWEEN WORKS ESPECIALLY LEVELS, CROSSING, HALLS REQUIRED IN THE CIELLINGSS WALLS & FLOORS SHOWING THE DIMENSIONS & DETAILS.

THE ENGINEER APPROVAL OF THE SHOPDRAWING MUST BE BEFOR STARTING WITH ANY WORK.



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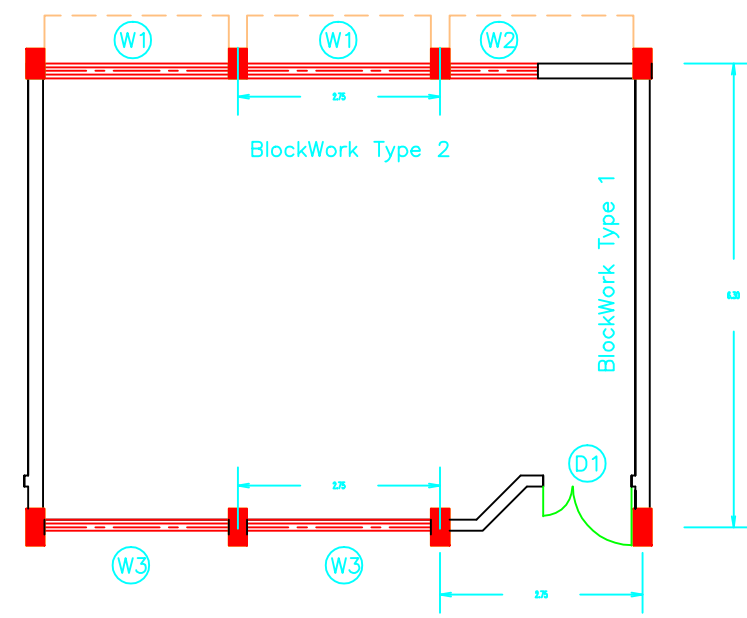
School name

Drawing name

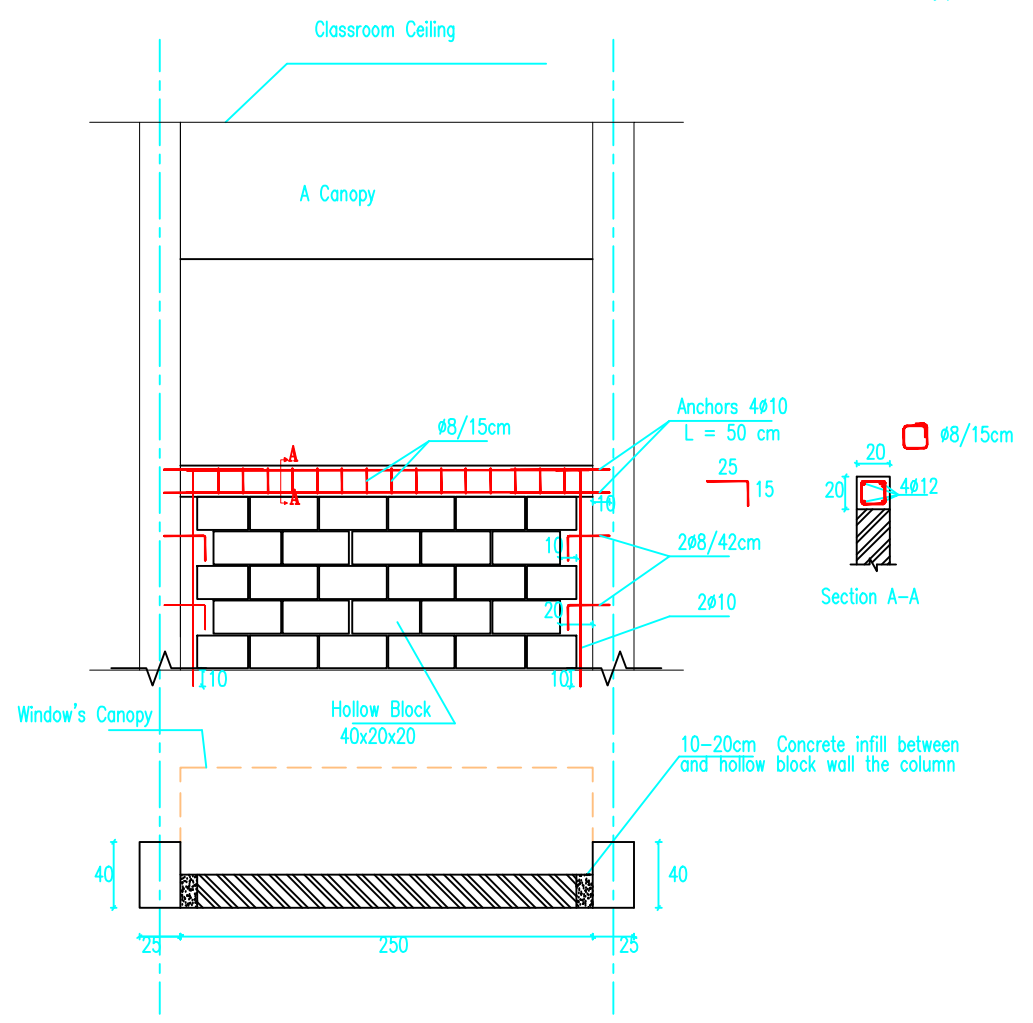
Main Gate Details

Symbol	Drawing No.	Rev. No.
EW	EW 05	P1

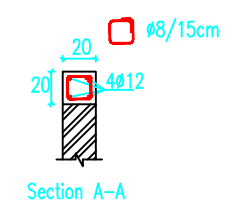
General Drawings



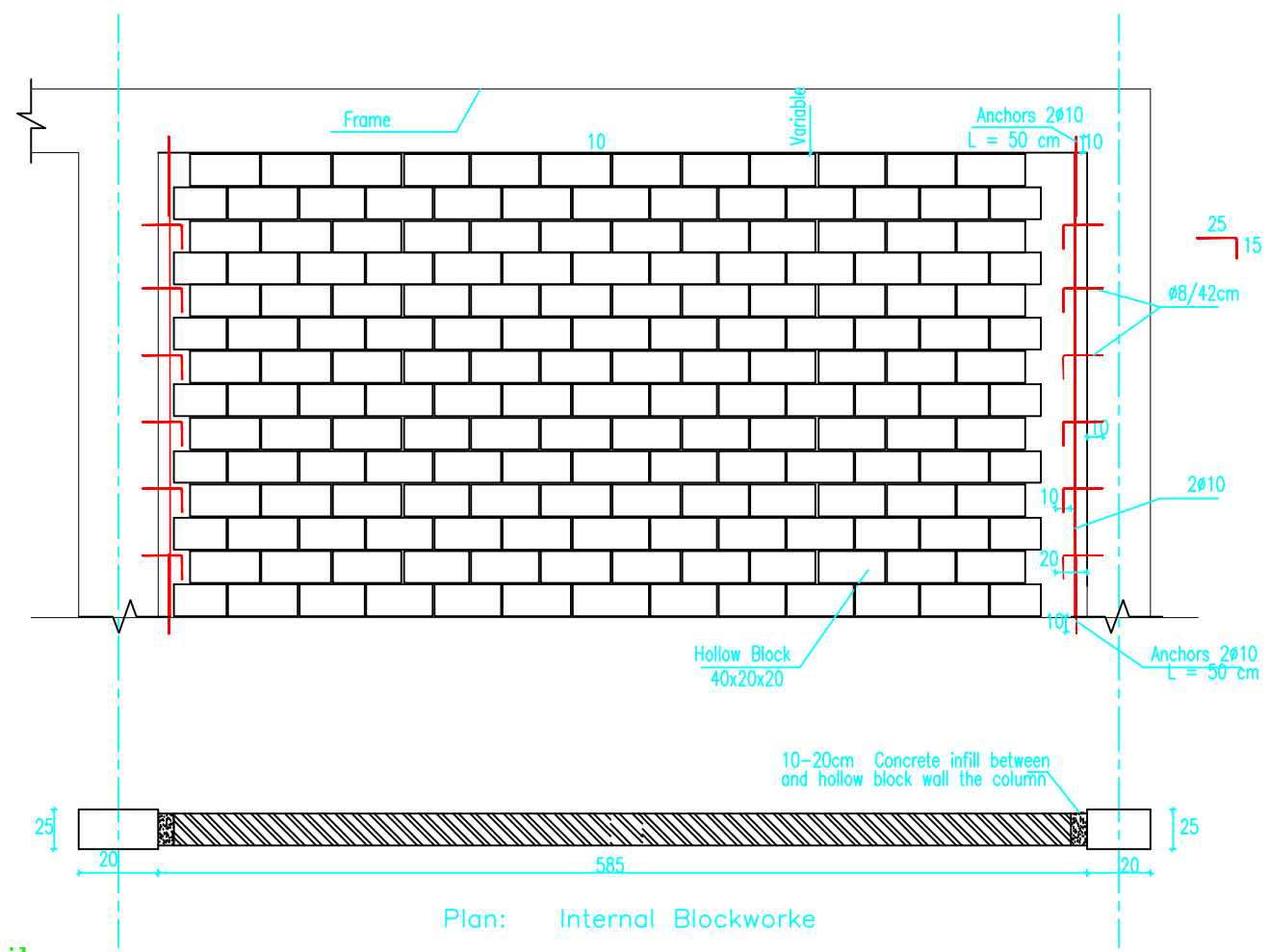
Typical BlockWork Types In Classrooms
SCALE 1:100



Plan: External Blockwork
BlockWork Type 2




BlockWork Detail



Plan: Internal Blockwork
BlockWork Type 1


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Drawing name
Block Work Detail

Symbol	Drawing No.	Rev. No.
208	GD 00	R1

NOTES:

- FC1 = PLASTER & POLYCOIDE FOR CEILING.
- WF1 = PLASTER & OIL PAINT UP TO 2.20m. & EMULSION PAINT UP TO THE CEILING.
- F1 = TERRAZZO TILE SIZE 25X25X2.5cm
- SK1 = TERRAZZO SKIRTING 1X7cm
- BEFOR STARTING ANY WORK, THE CONTRACTOR HAS TO HANDLE SHOPDRAWINGS SHOWING THE RELATIONS BETWEEN WORKS ESPECIALLY LEVELS, WALLS & FLOORS SHOWING THE DIMENSIONS & DETAILS.
- THE ENGINEER APPROVAL OF THE SHOPDRAWING MUST BE BEFOR STARTING WITH ANY WORK.
- *-indicated thicknesses of blackboard don't include laminating timber sizes shown are finished sizes.
- *-all timber shown is softwood unless otherwise described.
- a) all hardwood to be Romanian Beech
- b) all softwood to be Swedish KXB
- *-blackboard shelves to be screwed to frame members at 20cm centers.
- *-blackboard worktops to be fixed as above at 50cm centers.
- *-architraves, beads, and mouldings to be fixed using panel pins.
- *-all joinery to be finished with clear polyurethane varnish applied in four coats with each coat well rubbed down before application of next coat.
- *-C TO BE LOCATED ON SITE

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Drawing name

CLASSROOM DETAILS

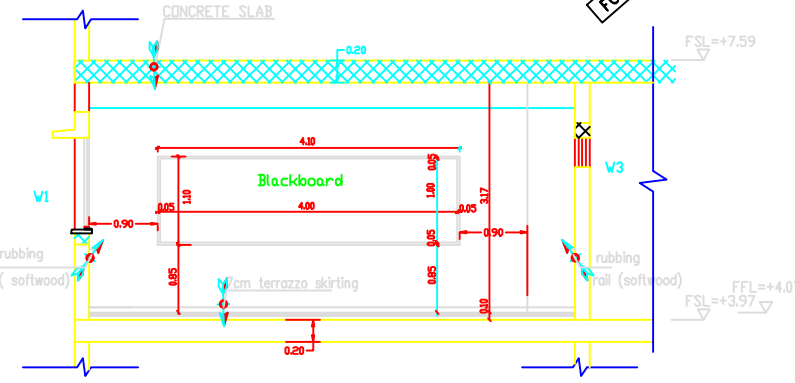
Symbol	Drawing No.	Rev. No.
200	GD 01	R1

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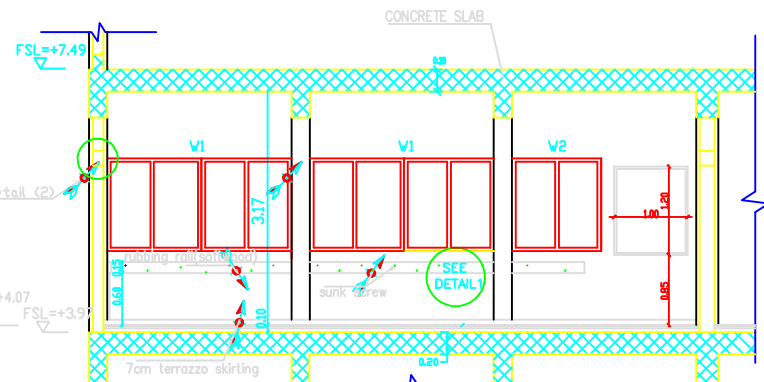
FOR TENDER ONLY

FOR TENDER ONLY

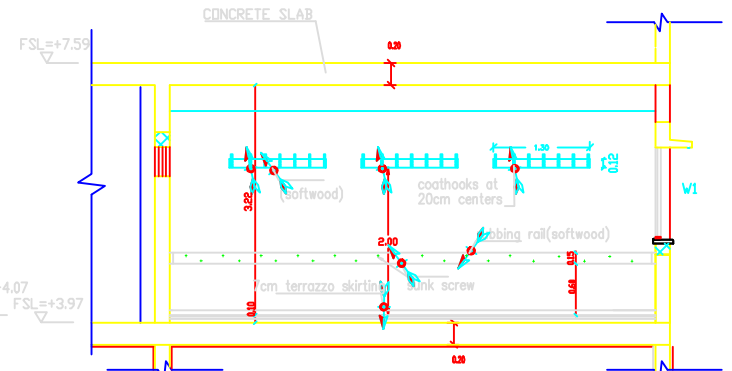
DETAIL (1)
RUBBING RAIL DETAIL



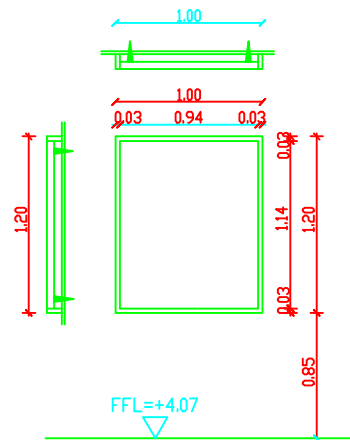
SECTION A-A



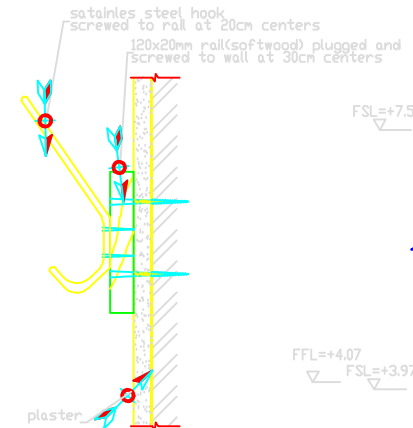
SECTION D-D



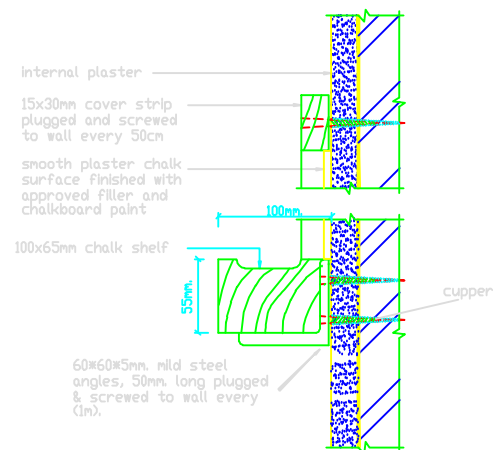
SECTION C-C



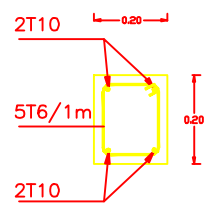
DETAILS FOR DISPLAY PANEL



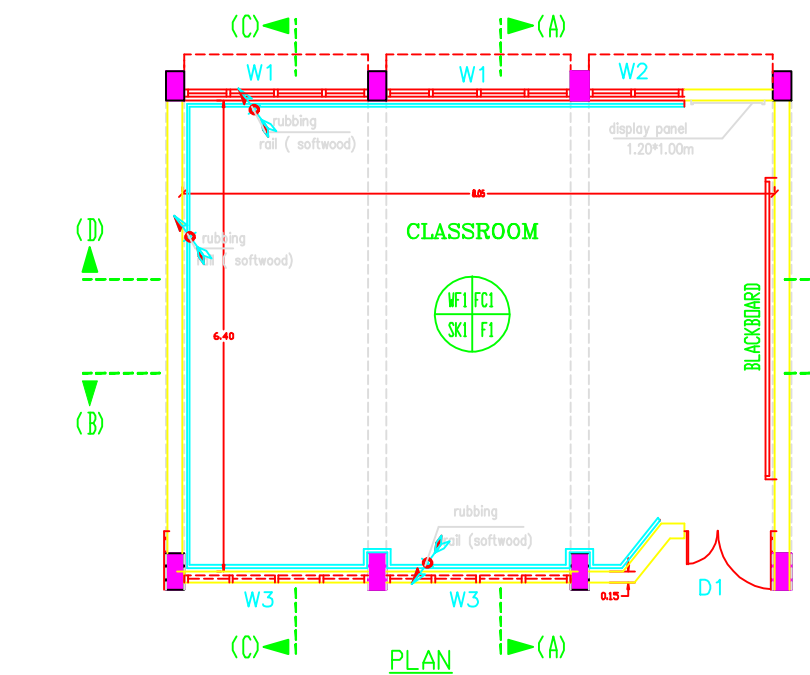
DETAIL * B * COATBOOK DETAIL



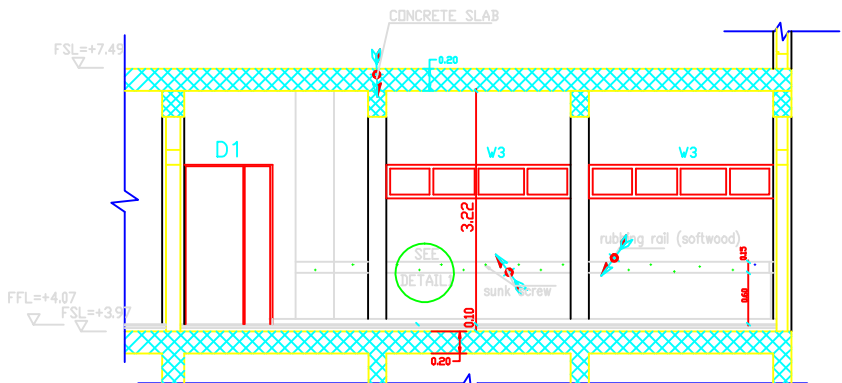
DETAIL OF CHALK & BLACKBOARD



DETAIL (2)

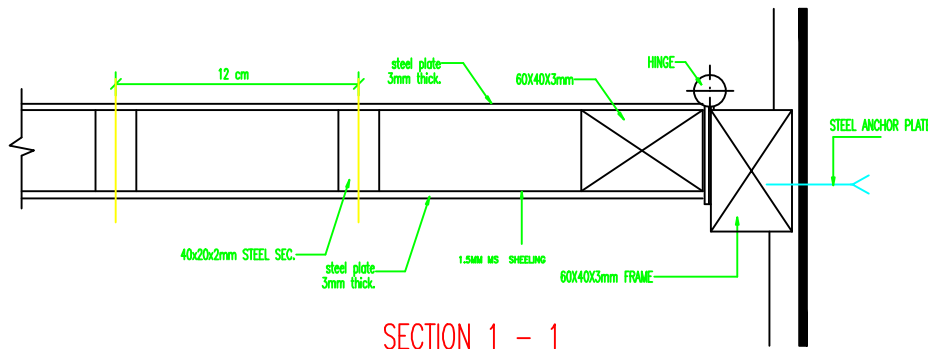
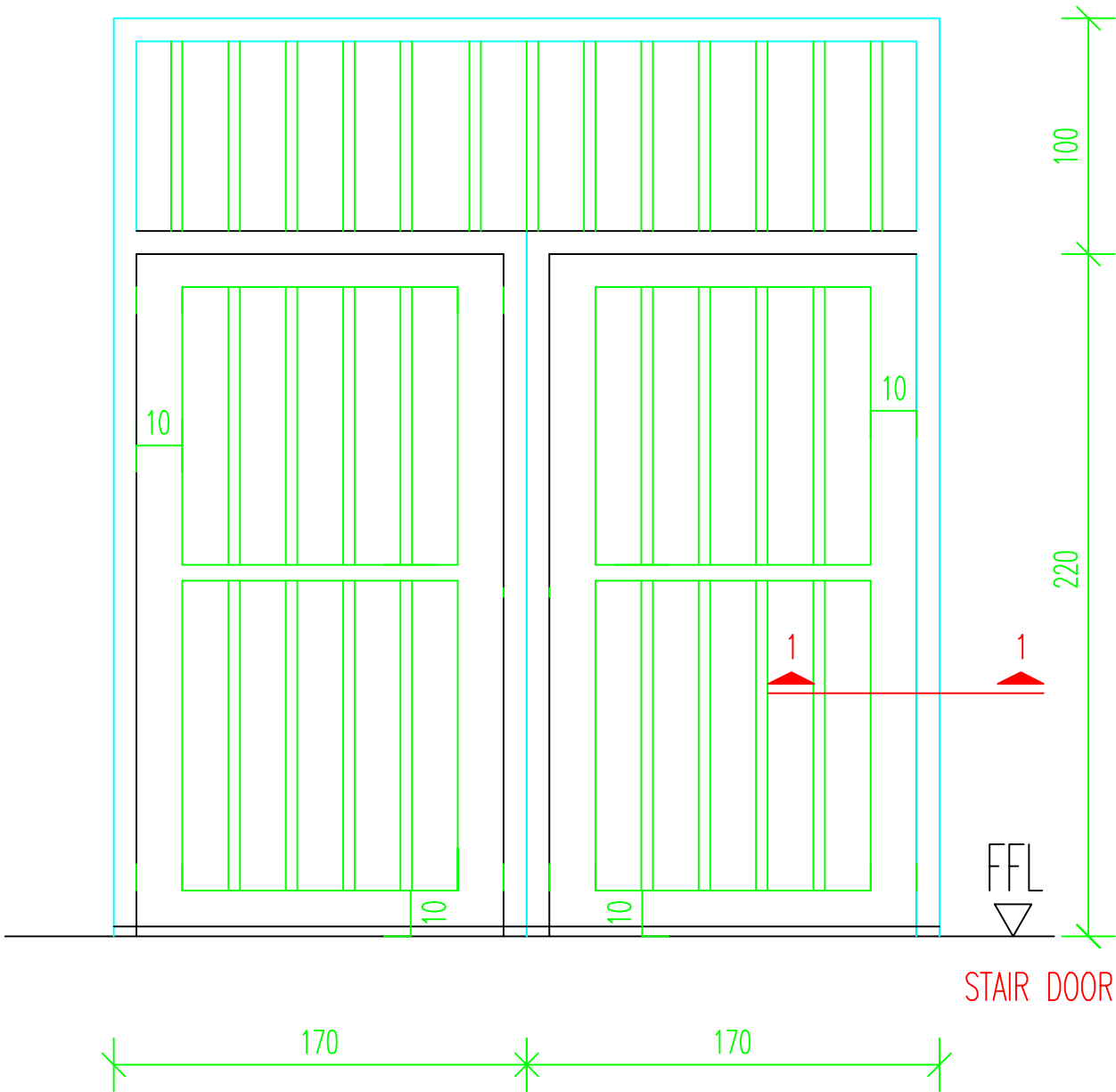


PLAN



SECTION B-B

DS5



NOTES:

- all wooden doors should receive one primer coat min. two coats of putting and smothing two coats of oil paint
- other wooden works should receive one primer lazor and final coloreless warnish coat
- all galvainsed steel works should receive one primer primer POLYZINC coat, one coat od undercoat & two coats of oil.
- the color to be choosen by the Eng.

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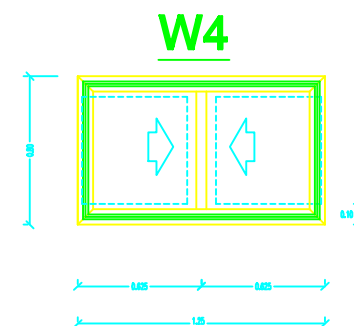
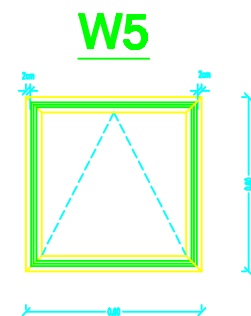
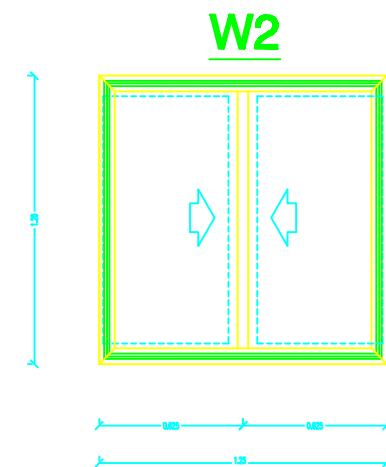
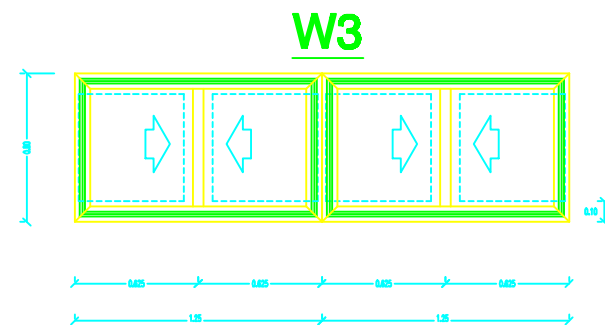
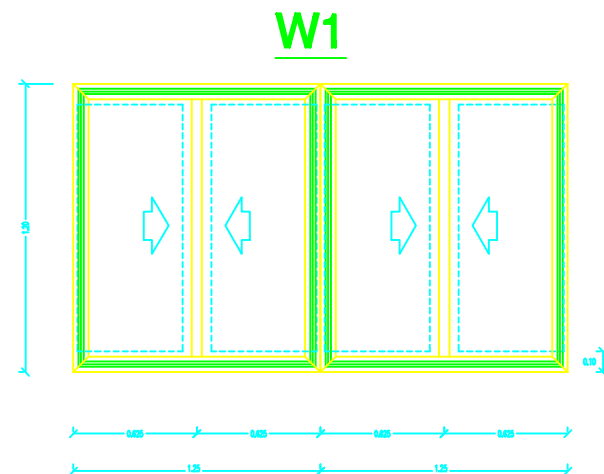
School name

Drawing name

STEEL DOORS DETAILS

Symbol	Drawing No.	Rev. No.
DS5	GD 02	R1

The Contractor has to submit detailed Shop Drawings of all works for approval Of the supervisor Engineer



TOILET WINDOWS

NOTES:

1. Aluminum windows are white anodized aluminum with 4mm thick clear glass with color gray of cross section Section 7000 or 4500.
2. All the accessories of windows are aluminum.
- 3-Marbel subframe 3cm thick must be provided at windows sills for all windows 27cm width.
- 4- Aluminium section shown are indicative only-contractor shall submit shopdrawing to director of work to be approved

-BEFORE STARTING ANY WORK, THE CONTRACTOR HAS TO HANDLE SHOPDRAWINGS SHOWING THE RELATIONS BETWEEN WORKS ESPECIALLY LEVELS, CROSSING, WALLS REQUIRED IN THE CIELINGSS WALLS & FLOORS SHOWING THE DIMENSIONS & DETAILS.
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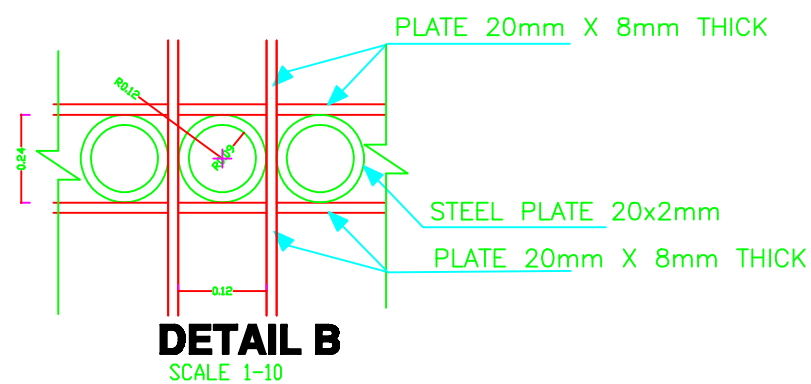
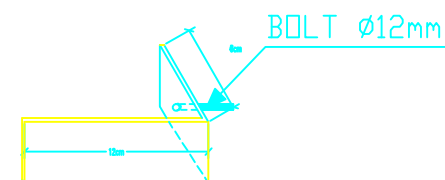
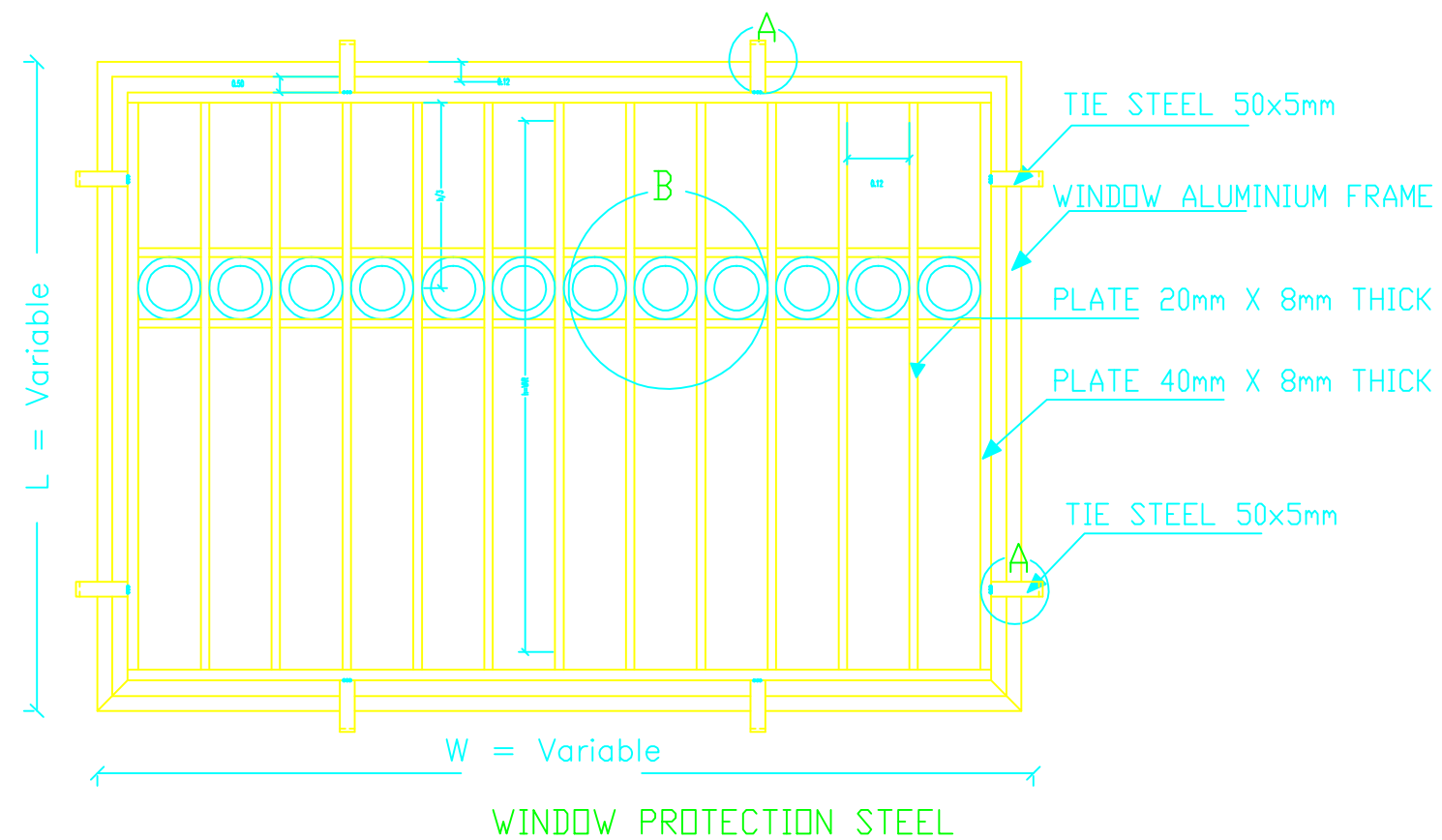
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Drawing name

WINDOW DETAILS

Symbol	Drawing No.	Rev. No.
W1	GD 03	R1



ANGLE FIXING DETAIL
DETAIL A

NOTES:

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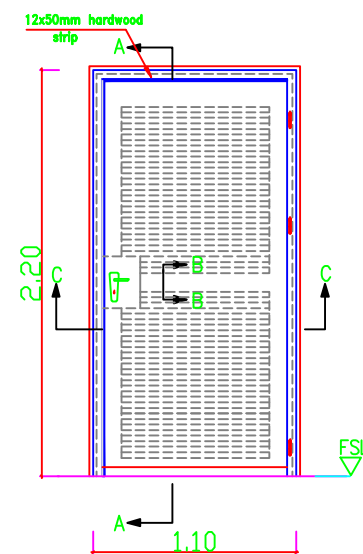
RIGHT TO EDUCATION

School name

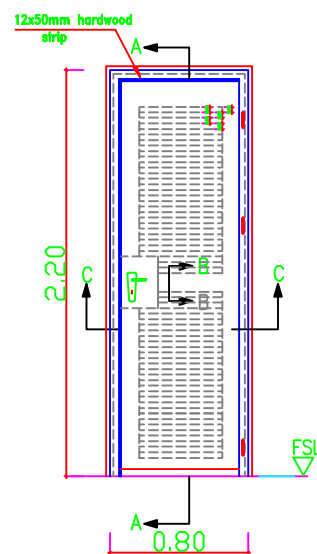
Drawing name

STEEL PROTECTION DETAILS

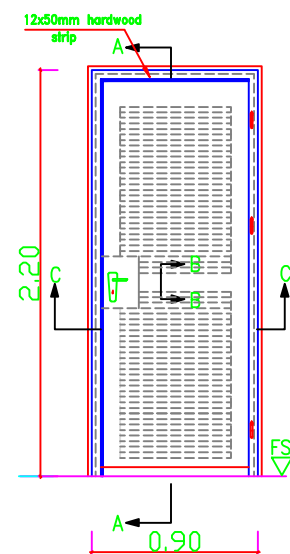
Symbol	Drawing No.	Rev. No.
BS	GD 04	R1



D4
(1.10 * 2.20)

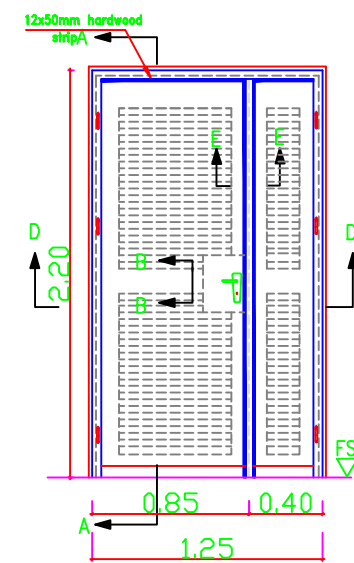


D3
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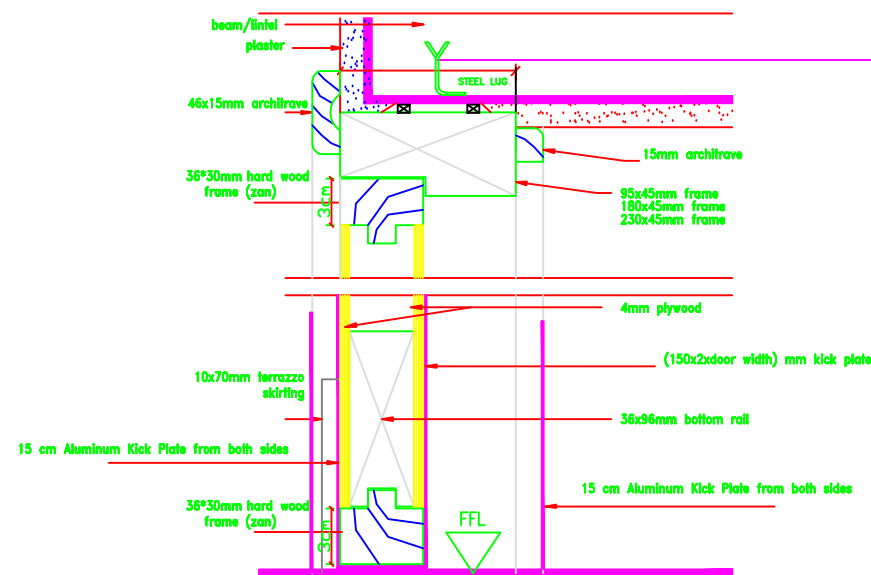


D2
(0.90 * 2.20)

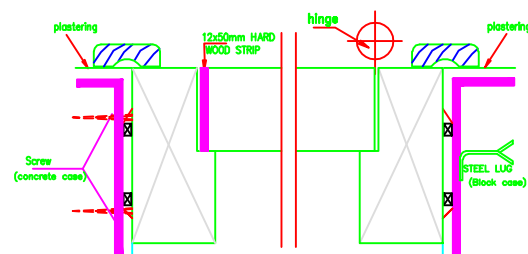
ELEVATIONS



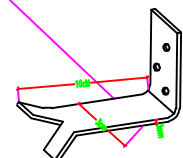
D1
(1.25* 2.20)



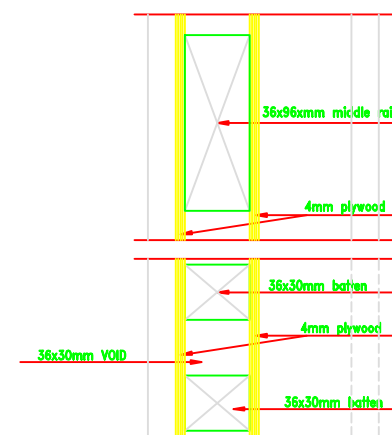
SECTION A-A



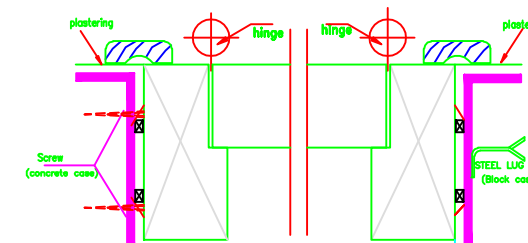
SECTION C - C



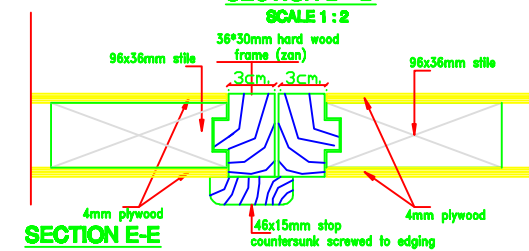
TIMBER DOOR FRING



SECTION B-B



SECTION D - D



SECTION E-E

NOTES:

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School name

Drawing name

WOODEN DOORS DETAILS

Symbol	Drawing No.	Rev. No.
255	GD 05	R1

STEEL DOORS

NOTES:

- all wooden doors should receive one primer coat min. two coats of putting and smothing two coats of oil paint
- other wooden works should receive one primer lazor and final coloreless warnish coat
- all galvanised steel works should receive one primer primer POLYZINC coat, one coat od undercoat & two coats of oil.
- the color to be choosen by the Eng.

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Drawing name

STEEL DOORS DETAILS

Symbol	Drawing No.	Rev. No.
255	GD 06	R1

The Contractor has to submnit detailed Shop Drawings of all works for approval Of the supervisor Engineer

galvanised steel frame 3mm thick

galvanised steel double sheet 2mm thick

SECTION A1 - A 1

DETAIL- A-

Concrete Fillet

STEEL LUG

0.90

galvanised steel frame 3mm thick

galvanised steel double sheets 2mm thick

galvanised steel profile 2mm thick size 80*40mm

SECTION E - E

1.25

0.85

0.40

galvanised steel frame 3mm thick

galvanised steel double sheets 2mm thick

galvanised steel profile 2mm thick size 80*40mm

SECTION C - C

galvanised steel profile 2mm thick size 80*40mm

galvanised steel sheet 2mm thick

Steel Hinge

DS1

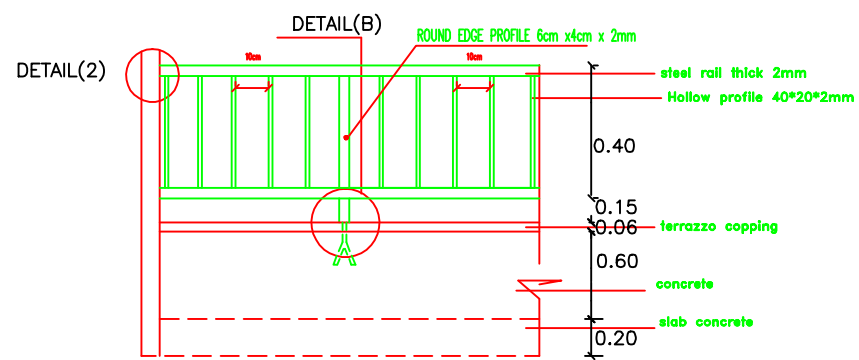
galvanised steel profile 2mm thick size 80*40mm

galvanised steel sheet 2mm thick

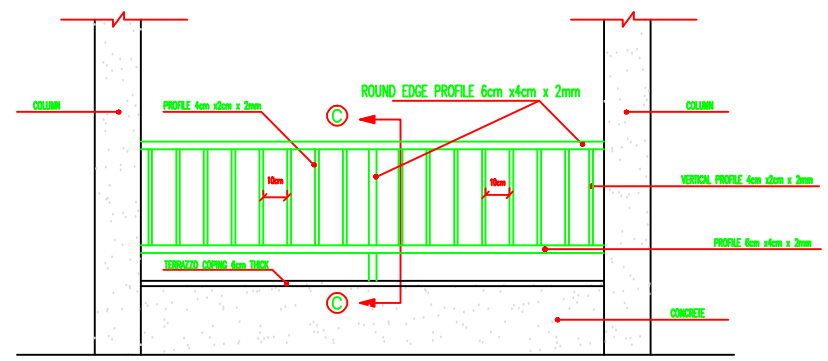
Steel Hinge

DS2

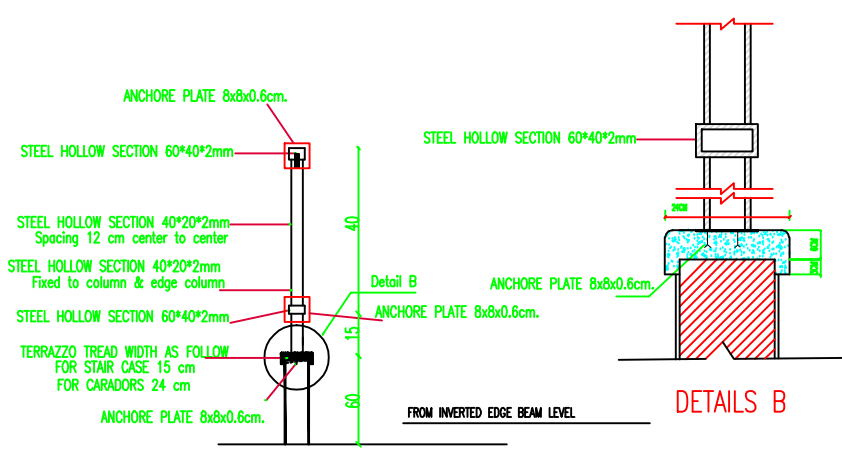
ELEVATIONS



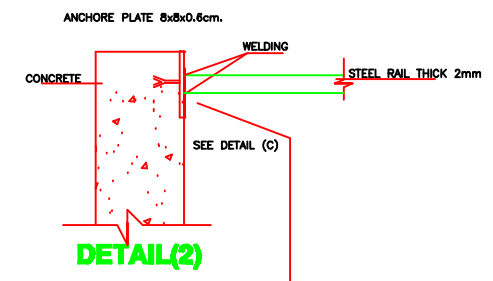
HANDRAIL DETAIL



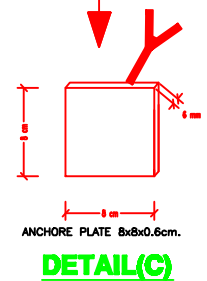
CORRIDOR HANDRAIL ELEVATION



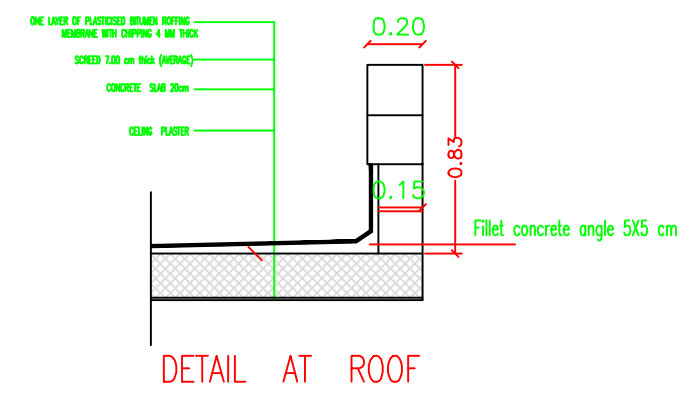
CORRIDOR HANDRAIL DETAILS (SECTION C-C)



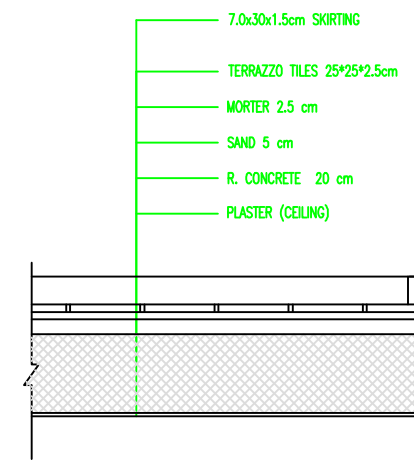
DETAIL(2)



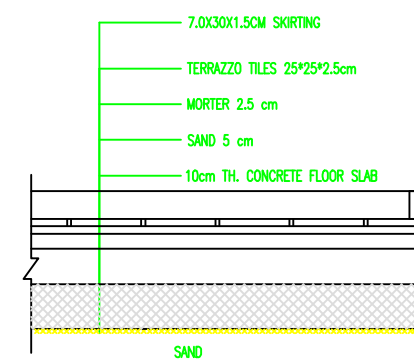
DETAIL(C)



DETAIL AT ROOF



DETAIL AT TYPICAL FLOOR SLAB



DETAIL AT GROUND FLOOR
STAIR ROOFS DETAILS

NOTES:

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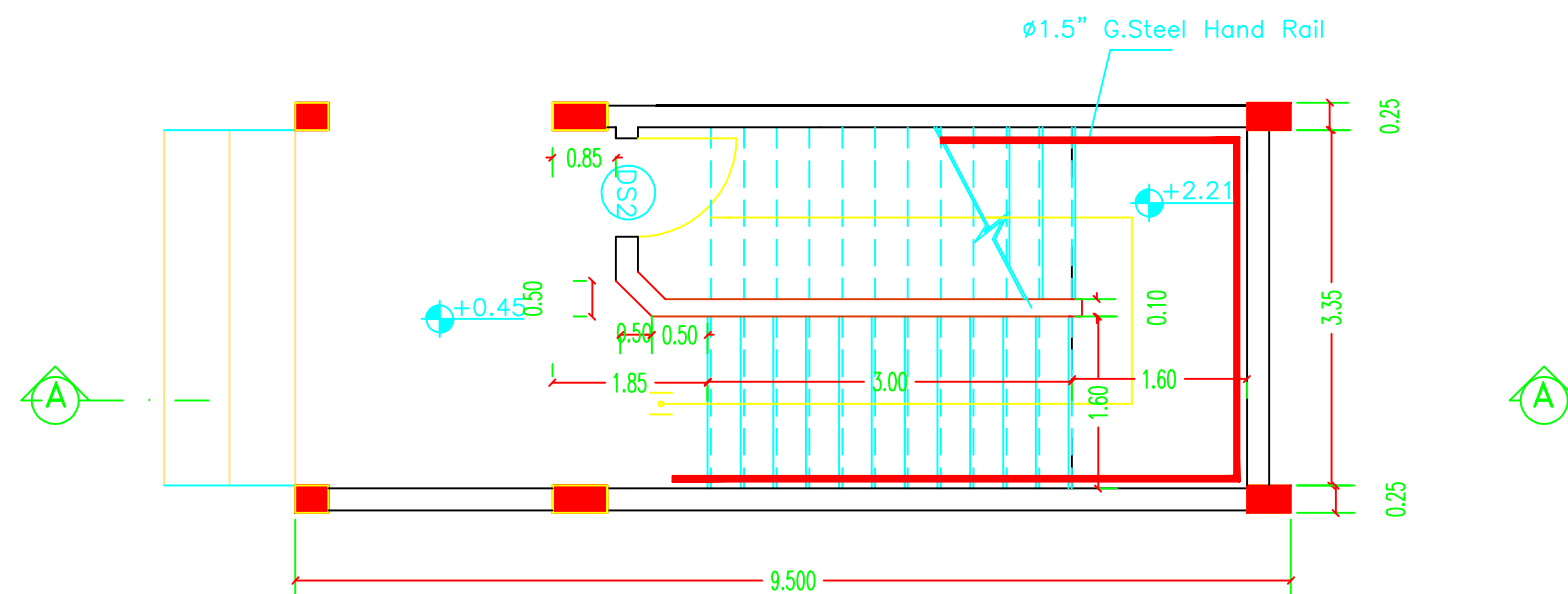
School name

Drawing name

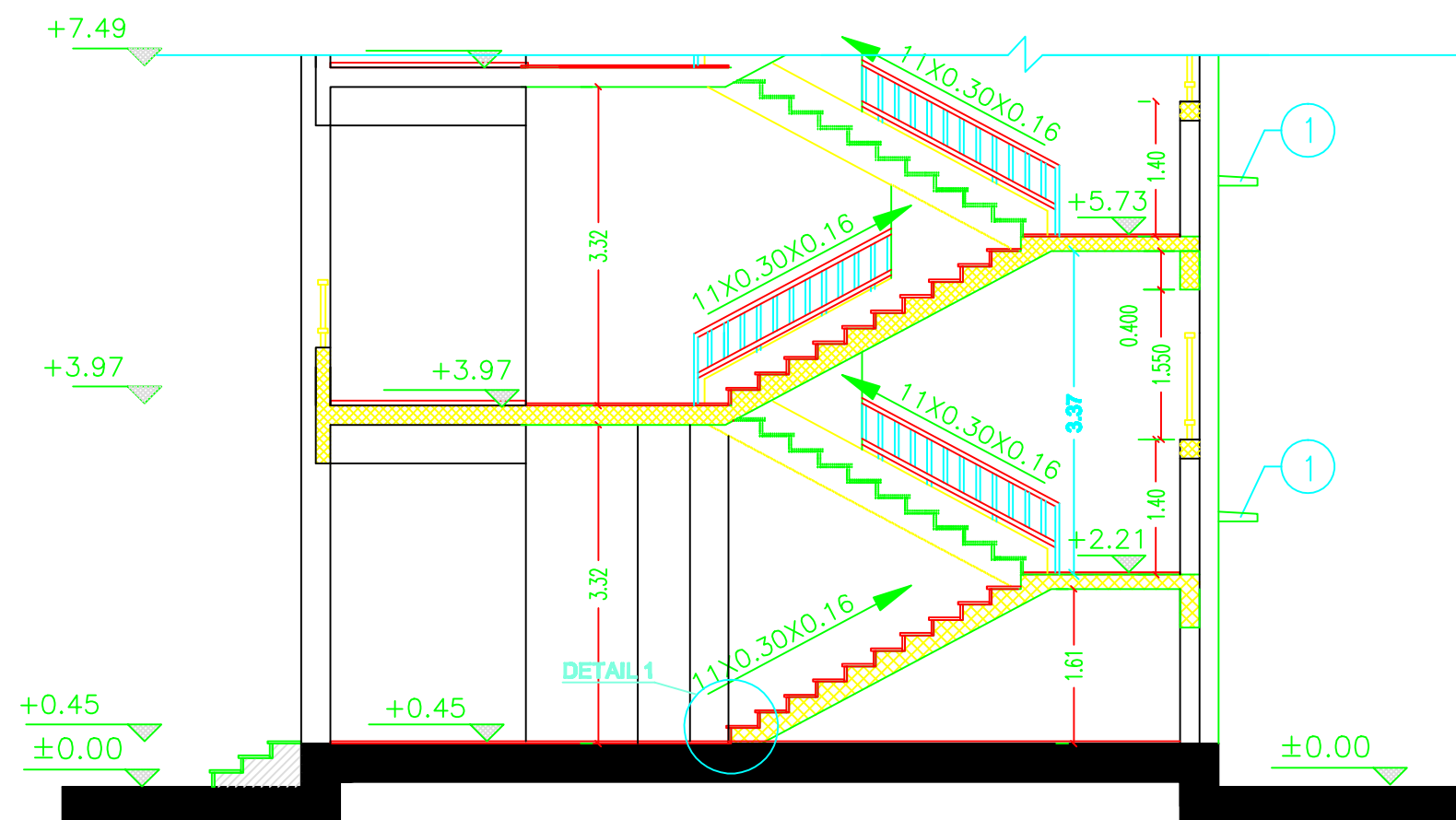
STAIR & CORRIDOR HANDRAIL DETAILS

Symbol	Drawing No.	Rev. No.
005	GD 07	R1

The Contractor has to submit detailed Shop Drawings of all works for approval Of the supervisor Engineer



GROUND FLOOR PLAN



SECTION A-A

NOTES:

- BEFORE STARTING ANY WORK, THE CONTRACTOR HAS TO HANDLE SHOPDRAWINGS SHOWING THE RELATIONS BETWEEN WORKS ESPECIALLY LEVELS, CROSSING, HALLS REQUIRED IN THE CIELINGS WALLS & FLOORS SHOWING THE DIMENSIONS & DETAILS.

THE ENGINEER APPROVAL OF THE SHOPDRAWING
MUST BE BEFORE STARTING WITH ANY WORK.

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RIGHT TO EDUCATION

School name

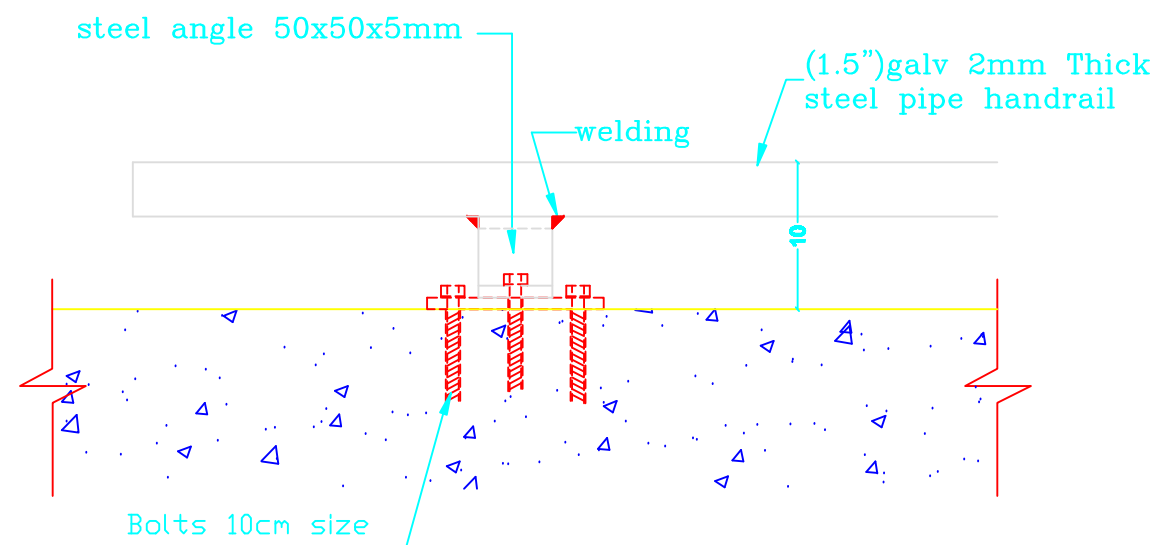
Al Horriyah Primary Boys School

Drawing name

Symbol	Drawing No.	Rev. No.
MS	GD 08	R1

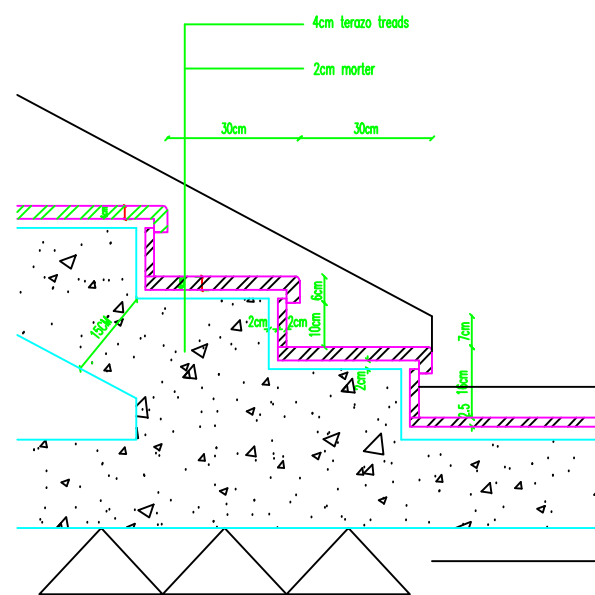
Symbol	Drawing No.	Rev. No.
EN	GD 09	R1

The Contractor has to submit detailed Shop Drawings of all works for approval Of the supervisor Engineer

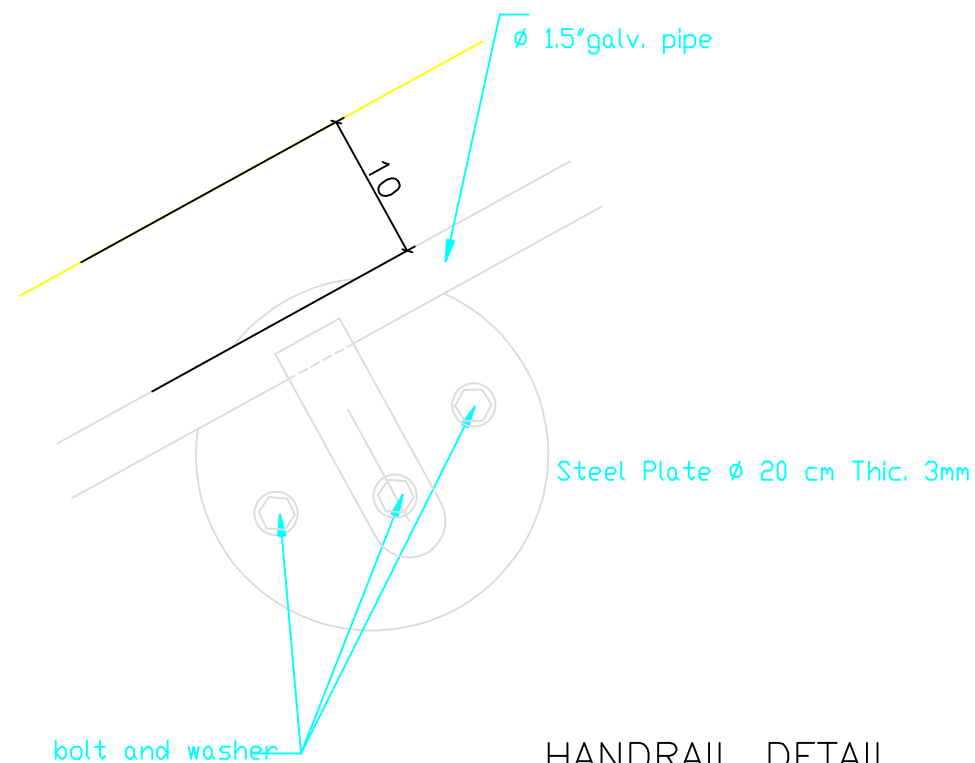


PLAN
SCALE: 1/10

DETAIL 2



DETAIL (1)



HANDRAIL DETAIL
SCALE: 1/5

NOTES:

-BEFORE STARTING ANY WORK, THE CONTRACTOR HAS TO HANDLE SHOPDRAWINGS SHOWING THE RELATIONS BETWEEN WORKS ESPECIALLY LEVELS, CROSSING, HALLS REQUIRED IN THE CIELINGSS DETAILS, WALLS & FLOORS SHOWING THE DIMENSIONS & THE ENGINEER APPROVAL OF THE SHOPDRAWING MUST BE BEFORE STARTING WITH ANY WORK.

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Project Name

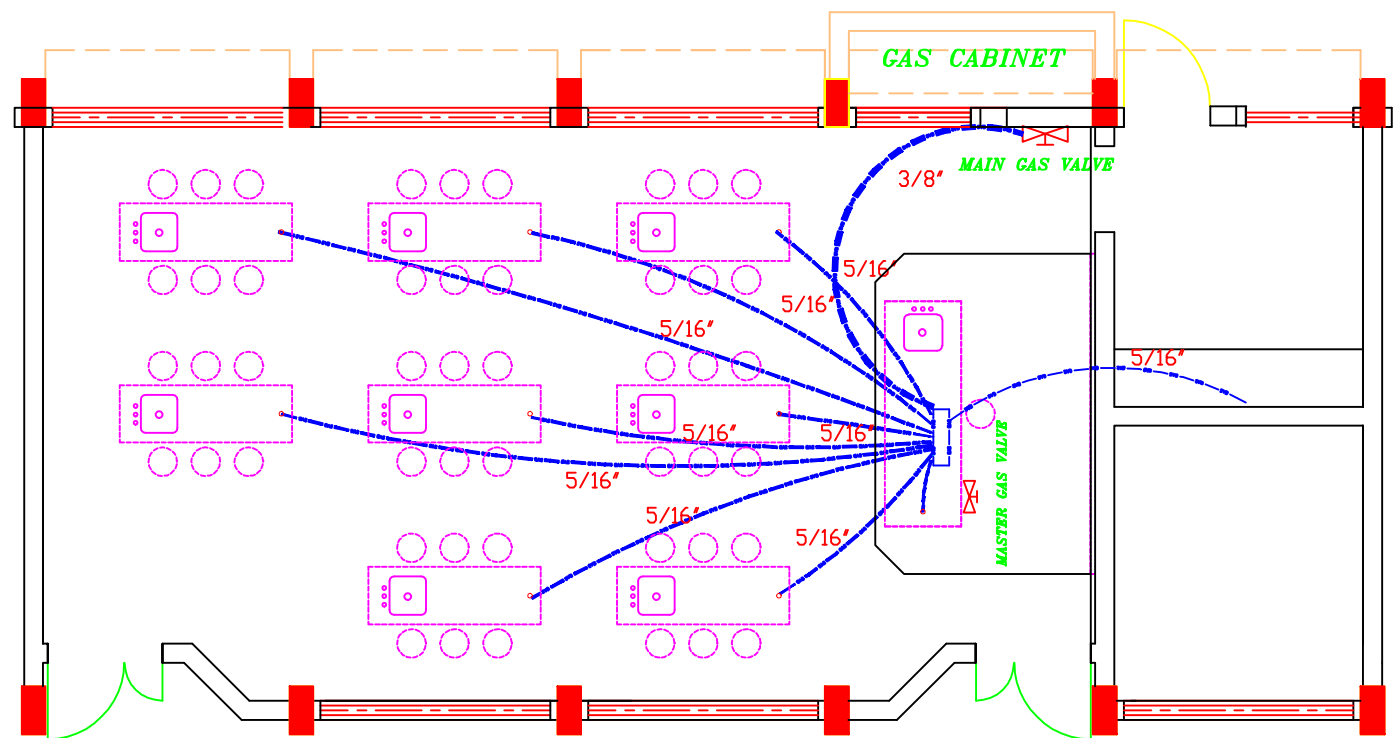
RIGHT TO EDUCATION

School name

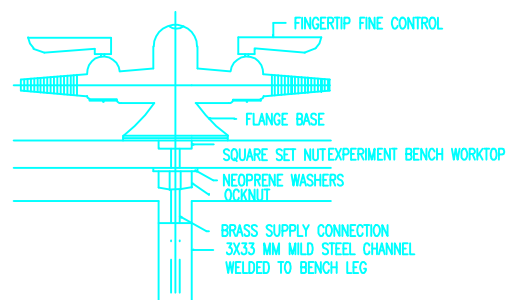
Drawing name

STAIR DETAILS-2

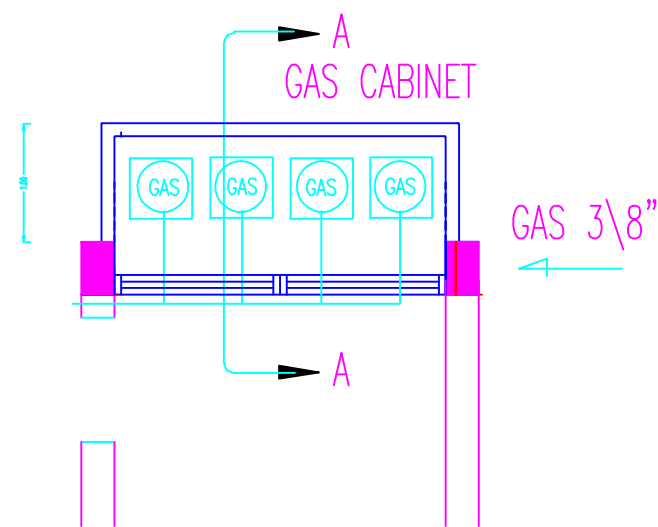
Symbol	Drawing No.	Rev. No.
20	GD 10	R1



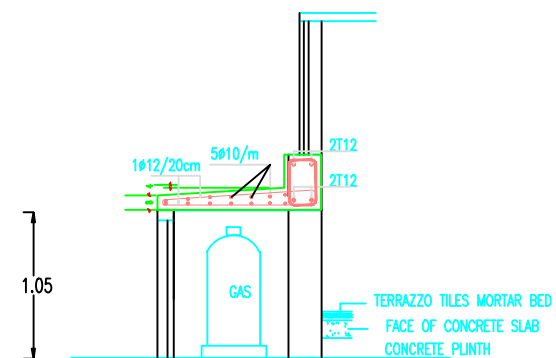
GAS DISTRIBUTION PLAN



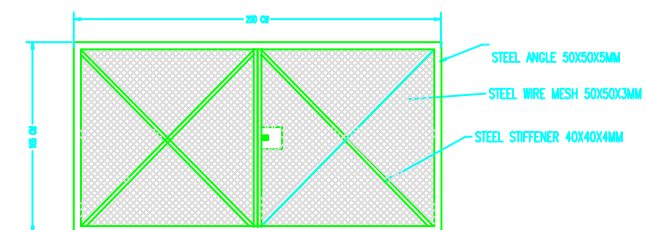
DETAIL IN DOUBLE GAS OUTLET



DETAILS FOR GAS ROOM



SECTION A-A



GAS ROOM DOOR DETAILS ELEVATION

NOTES:

-BEFORE STARTING ANY WORK, THE CONTRACTOR HAS TO HANDLE SHOPDRAWINGS SHOWING THE RELATIONS BETWEEN WORKS ESPECIALLY LEVELS, CROSSING, HALLS REQUIRED IN THE CIELINGSS WALLS & FLOORS SHOWING THE DIMENSIONS & DETAILS.
THE ENGINEER APPROVAL OF THE SHOPDRAWING MUST BE BEFORE STARTING WITH ANY WORK.

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Drawing name

GAS & WATER DISTRIBUTION PLAN

Symbol	Drawing No.	Rev. No.
GD 11	GD 11	R1

NOTES:

-BEFORE STARTING ANY WORK, THE CONTRACTOR HAS TO HANDLE SHOPDRAWINGS SHOWING THE RELATIONS BETWEEN WORKS ESPECIALLY LEVELS, CROSSING, HALLS REQUIRED IN THE CIELINGSS WALLS & FLOORS SHOWING THE DIMENSIONS & DETAILS.
THE ENGINEER APPROVAL OF THE SHOPDRAWING MUST BE BEFORE STARTING WITH ANY WORK.

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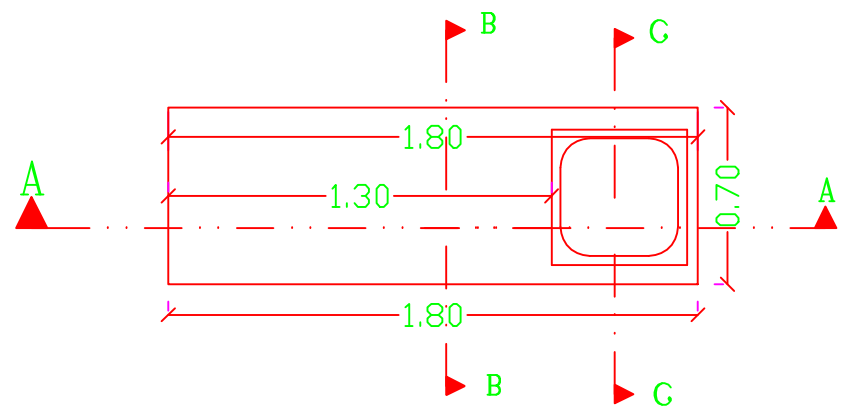
United Nations Development Programme
Programme of Assistance the Palestinian People

Project Name
RIGHT TO EDUCATION

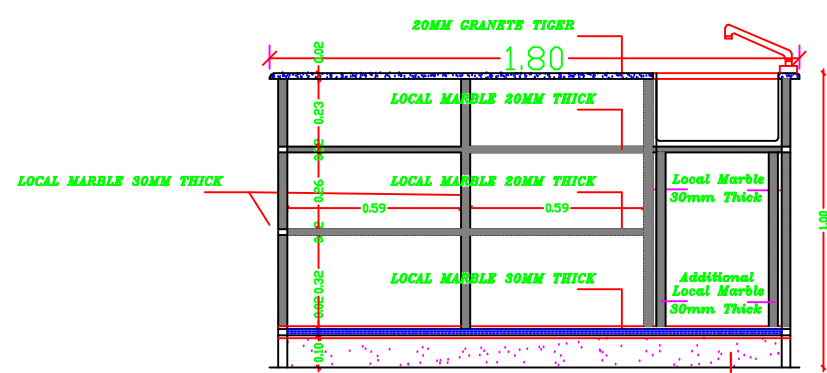
School name

Drawing name
TABLE DETAILS

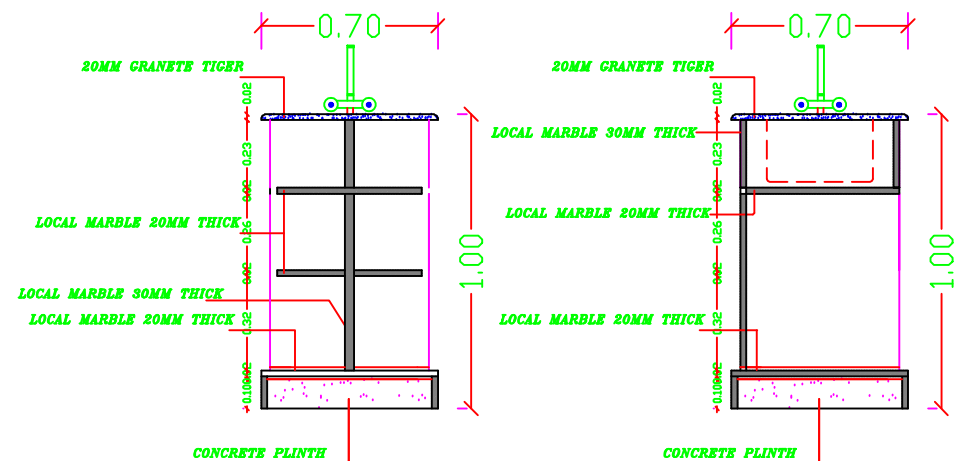
Symbol	Drawing No.	Rev. No.
200	GD 12	R1



PLAN



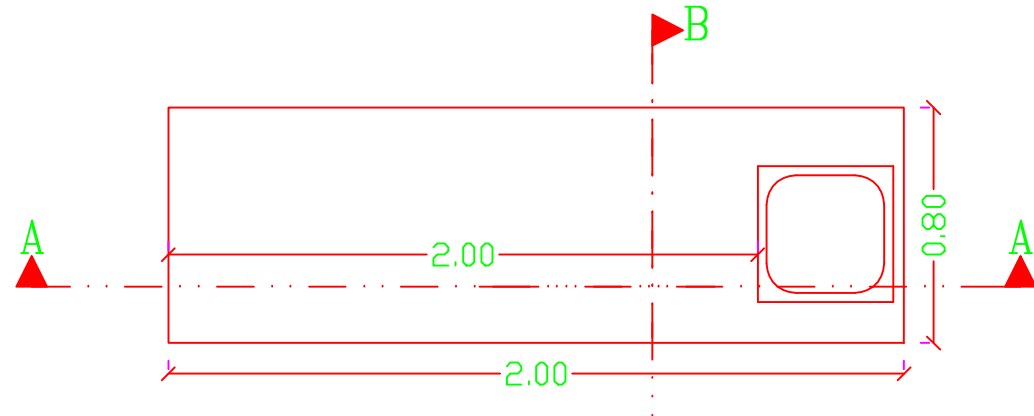
SECTION A-A



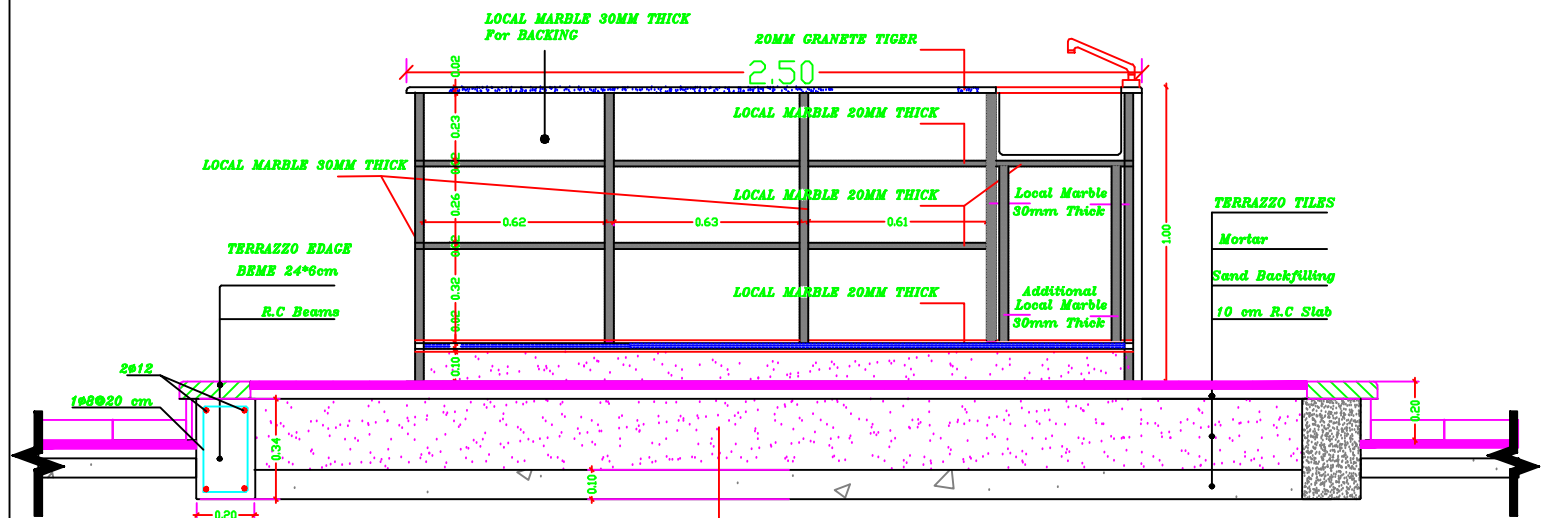
SECTION B-B

SECTION C-C

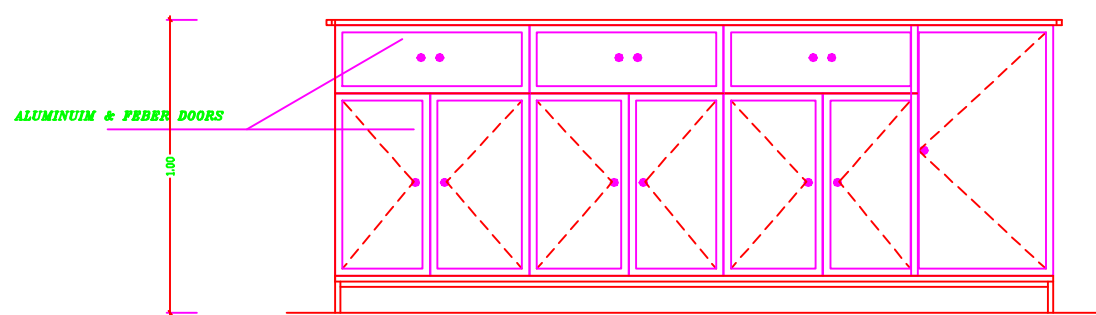
STUDENT LAB TABLE DETAILS



PLAN



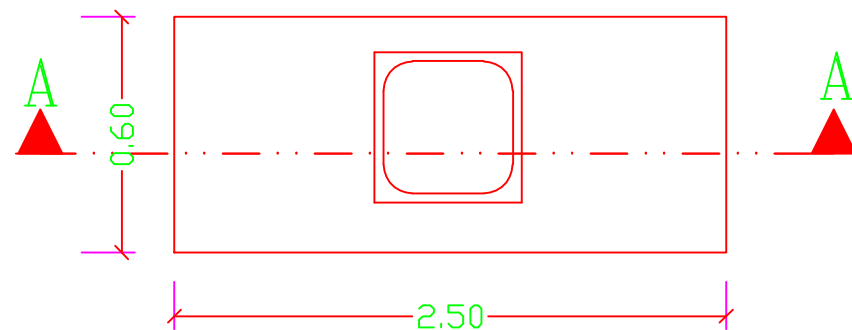
SECTION A-A



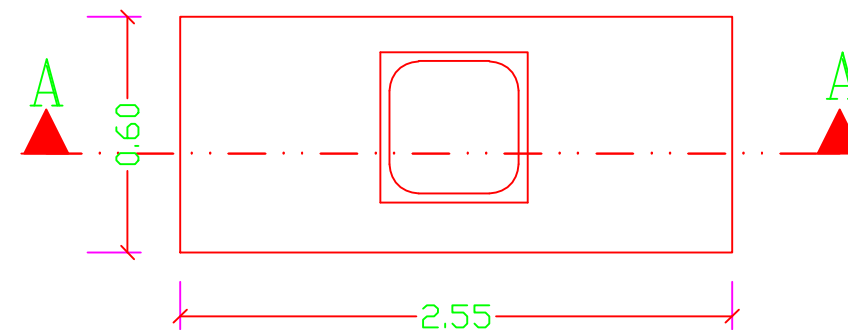
ELEVATION

TEACHER LAB TABLE DETAILS

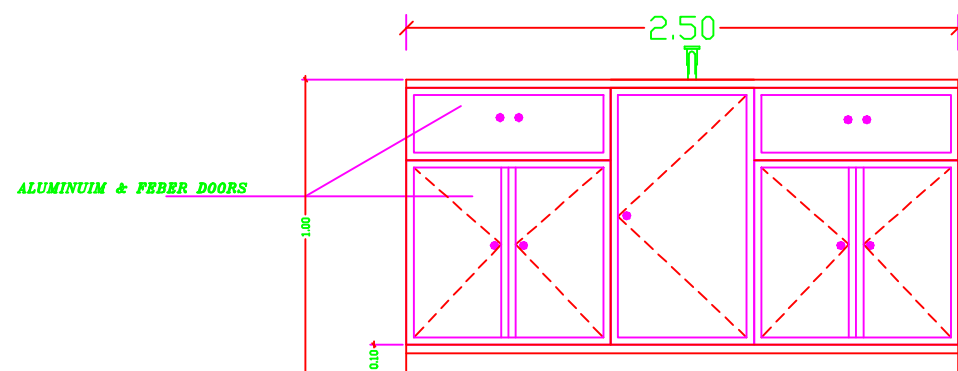
STUDENT , TEACHER
TABLE DETAILS



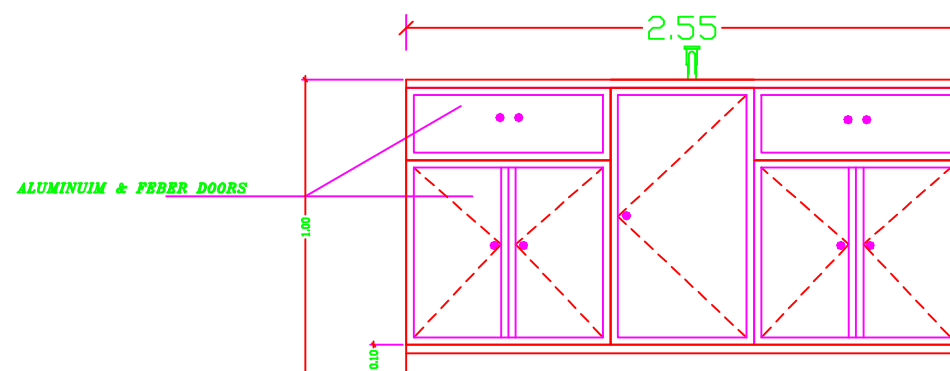
PLAN
Kitchen Bench



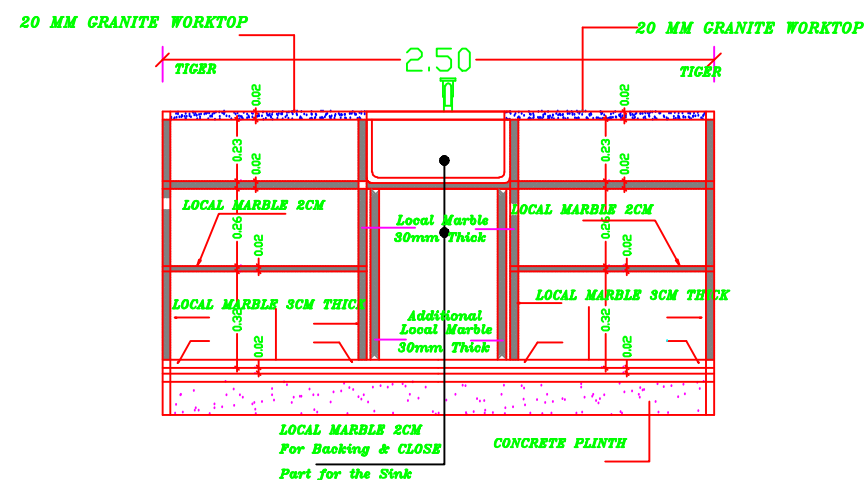
PLAN
PREPARING ROOM.



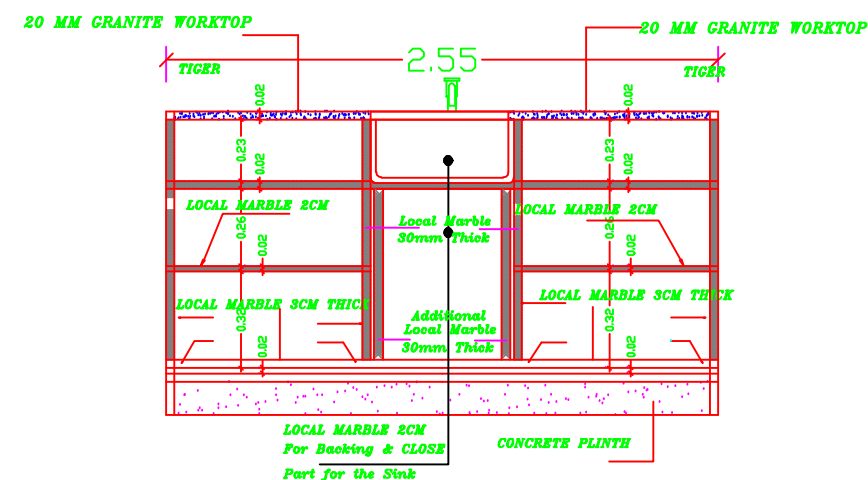
ELEVATION
Kitchen Bench



ELEVATION
PREPARING ROOM.



SECTION A-A
Kitchen Bench



SECTION A-A
PREPARING ROOM.

NOTES:

- all wooden doors should receive one primer coat min. two coats of putting and smothing two coats of oil paint
- other wooden works should receive one primer lazor and final coloreless warnish coat
- all galvainsed steel works should receive one primer primer POLYZINC coat, one coat od undercoat & two coats of oil.
- the color to be choosen by the Eng.

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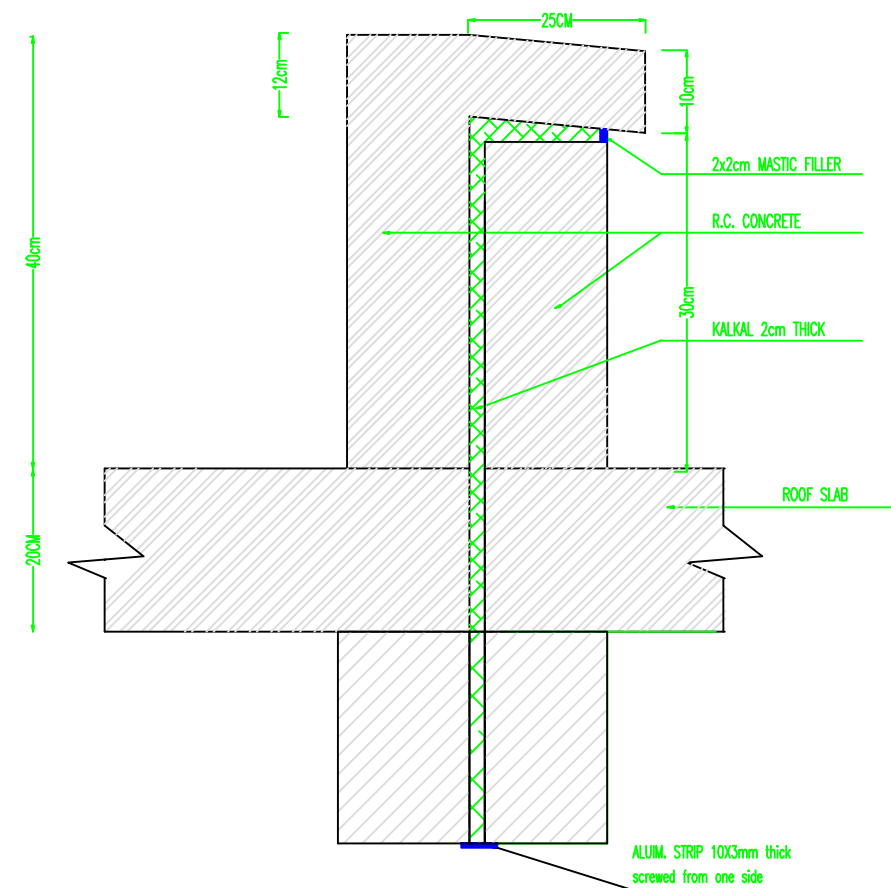
RIGHT TO EDUCATION

School name

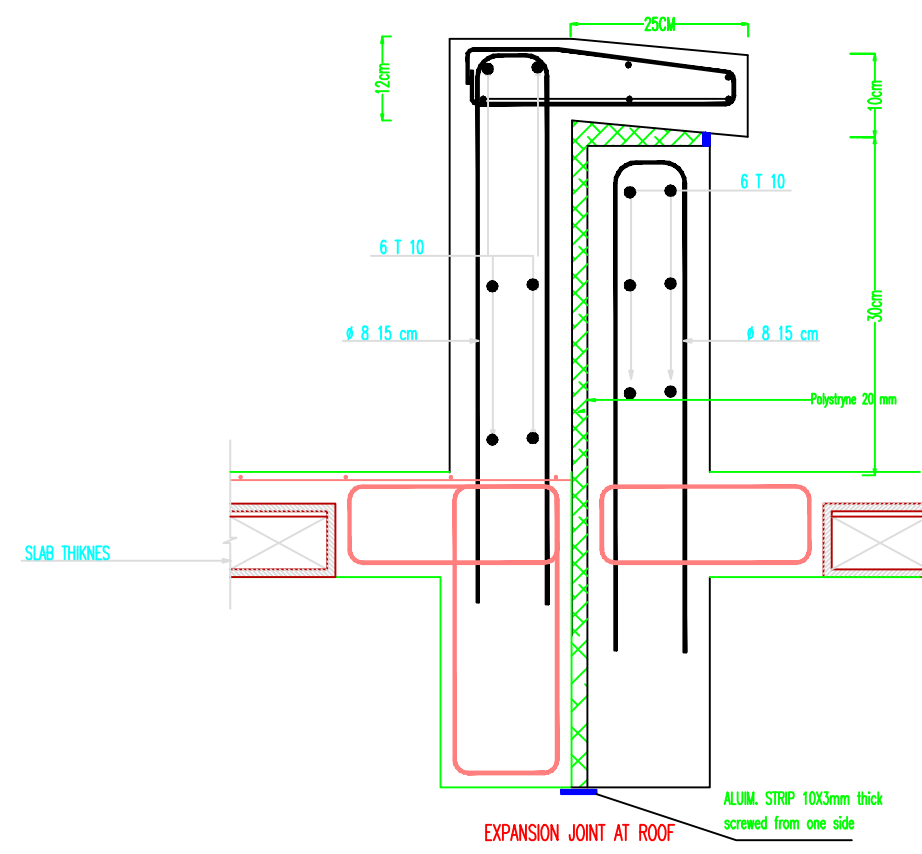
Drawing name

PREPAIRING & KITCHEN TABLE DETAILS

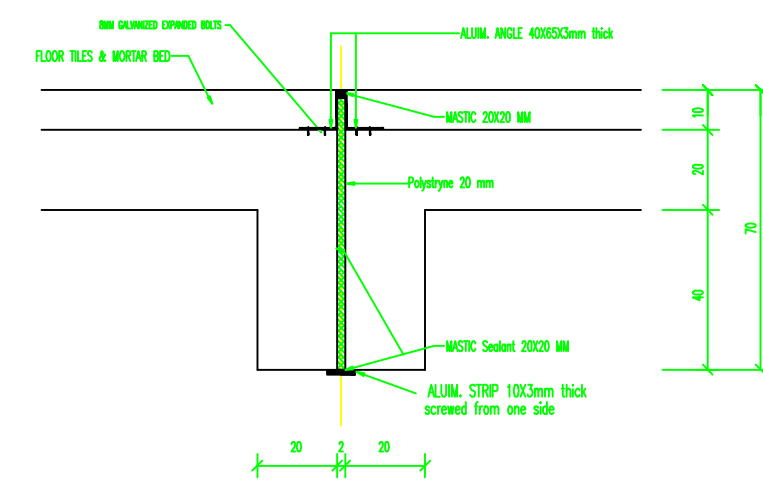
Symbol	Darwing No.	Rev. No.
100	GD 13	R1



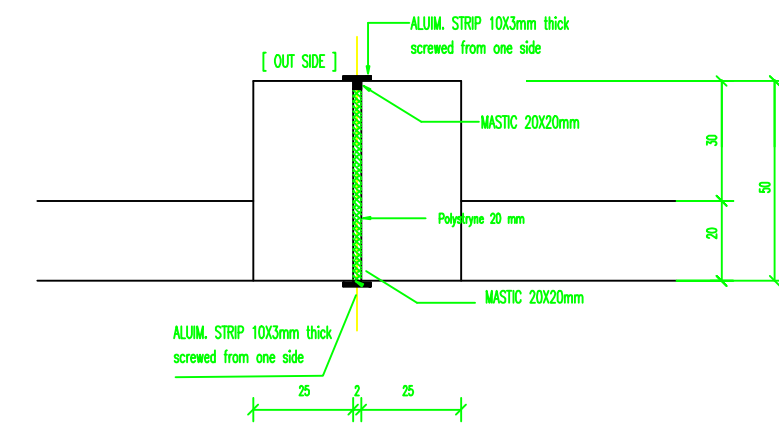
EXPANSION JOINT AT ROOF



EXPANSION JOINT AT ROOF



EXPANSION JOINT AT CORRIDOR



EXPANSION JOINT DETAILS AT COLUMNS

NOTES:

- all wooden doors should receive one primer coat min. two coats of putting and smoothing two coats of oil paint.
- other wooden works should receive one primer lazor and final colorless varnish coat
- all galvansed steel works should receive one primer primer POLYZINC coat, one coat od undercoat & two coats of oil.
- the color to be choosen by the Eng.

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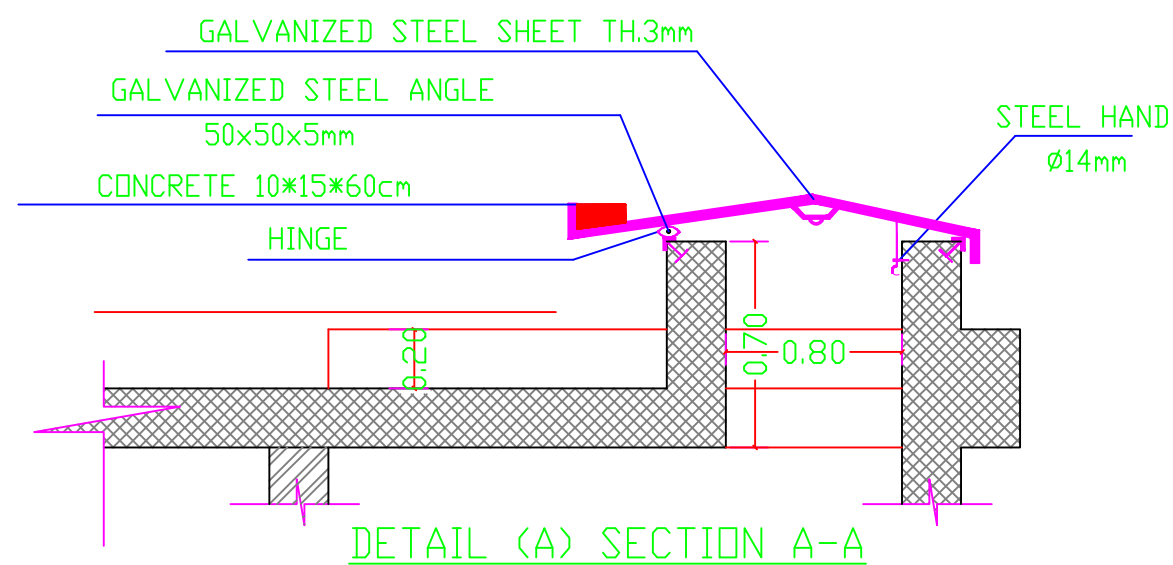
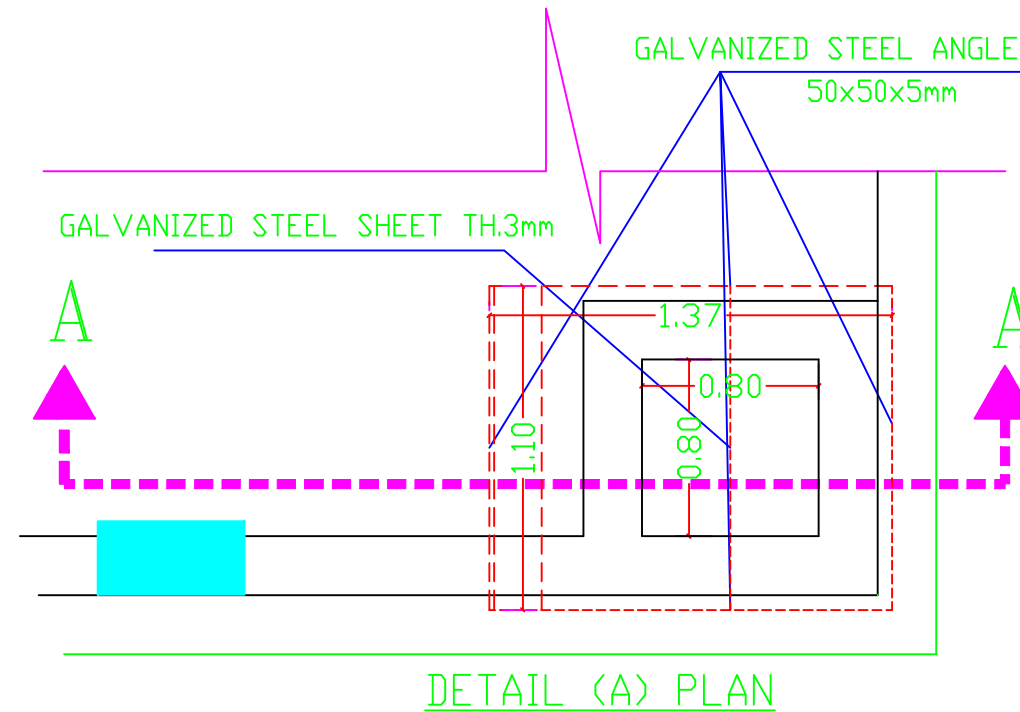
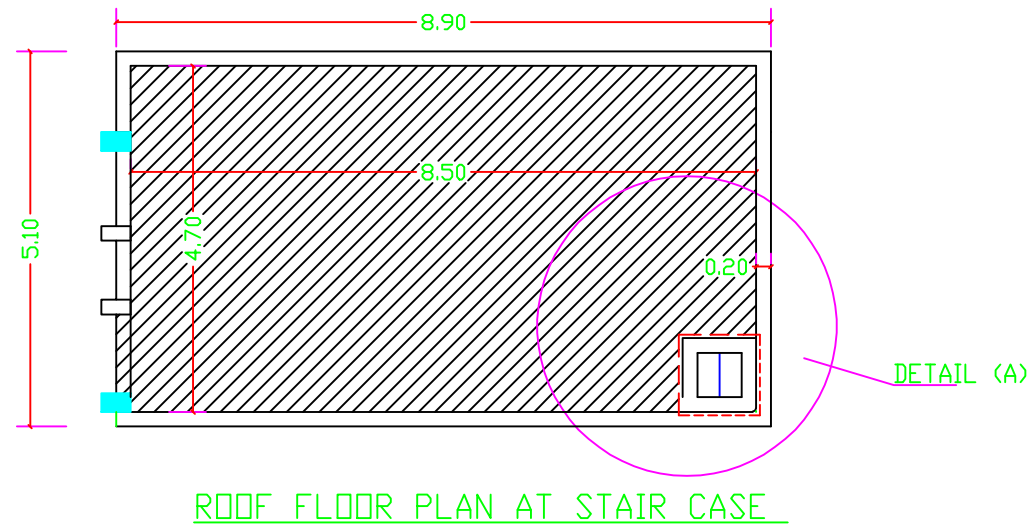
RIGHT TO EDUCATION

School name

Drawing name

EXP.JOINT DETAILS

Symbol	Drawing No.	Rev. No.
100	GD 14	R1



ROOF OPENING DETAIL

NOTES:

- all wooden doors should receive one primer coat min. two coats of putting and smolthing two coats of oil paint
- other wooden works should receive one primer lazor and final coloreless warnish coat
- all galvainsed steel works should receive one primer primer POLYZINC coat, one coat od undercoat & two coats of oil.
- the color to be choosen by the Eng.

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School name

Drawing name

ROOF OPENING DETAIL

Symbol	Drawing No.	Rev. No.
100	GD 15	R1