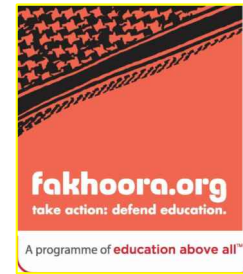
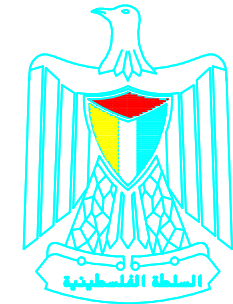




United Nations Development Programme  
Programme of Assistance the Palestinian People



EDUCATION ABOVE ALL  
Al Fakhoora Programme



PALESTINIAN NATIONAL AUTHORITY

Project Name

# RIGHT TO EDUCATION

## LOT NO. 1-A - WBS 1150

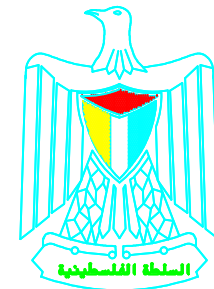
March 2015



United Nations Development Programme  
Programme of Assistance the Palestinian People



EDUCATION ABOVE ALL  
Al Fakhoora Programme



PALESTINIAN NATIONAL AUTHORITY

Project Name

# RIGHT TO EDUCATION

School name

## Khan Younis Secondary Girls School

March 2015

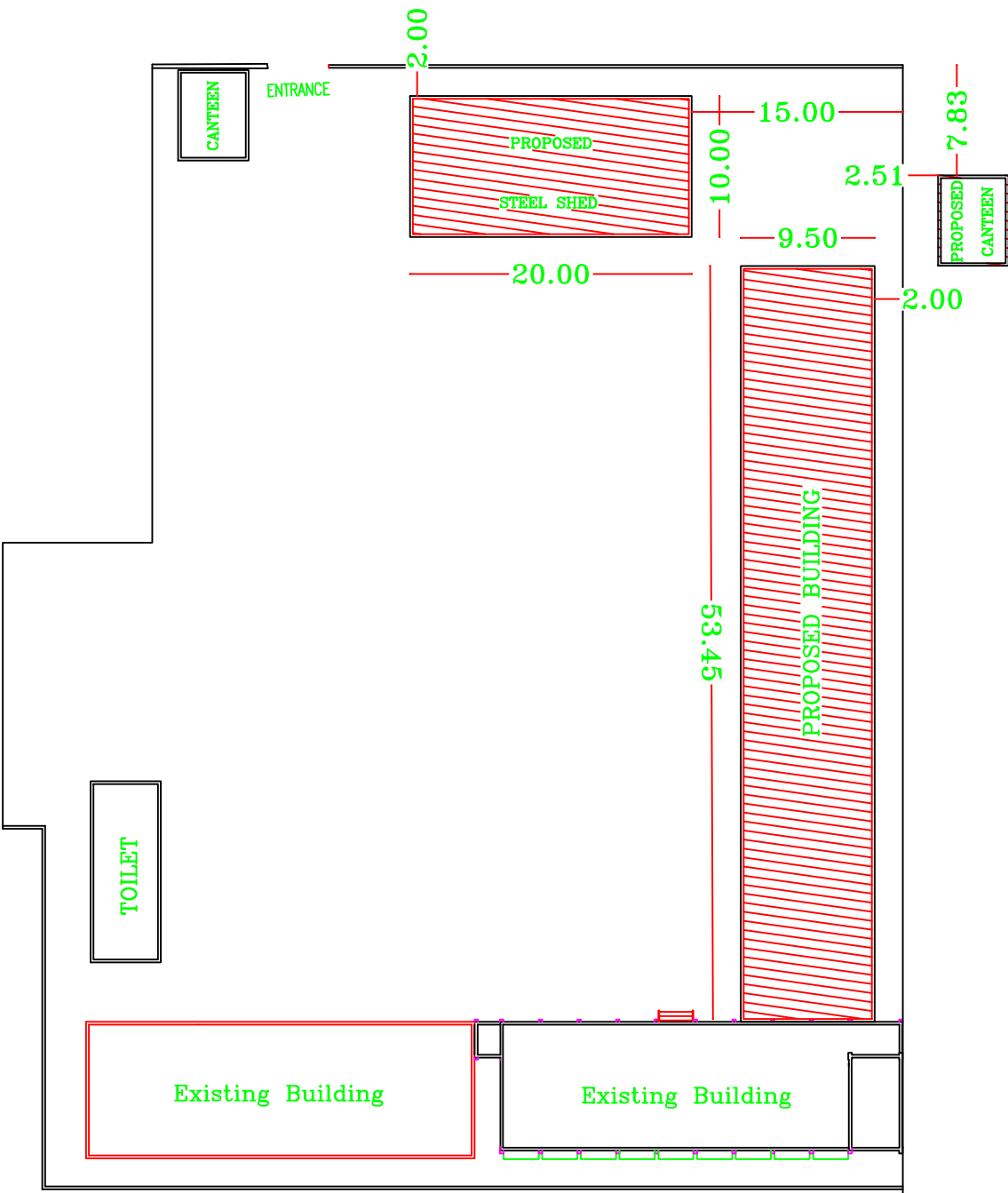
# Architectural Drawings

Khan Younis Sacondary Girls School

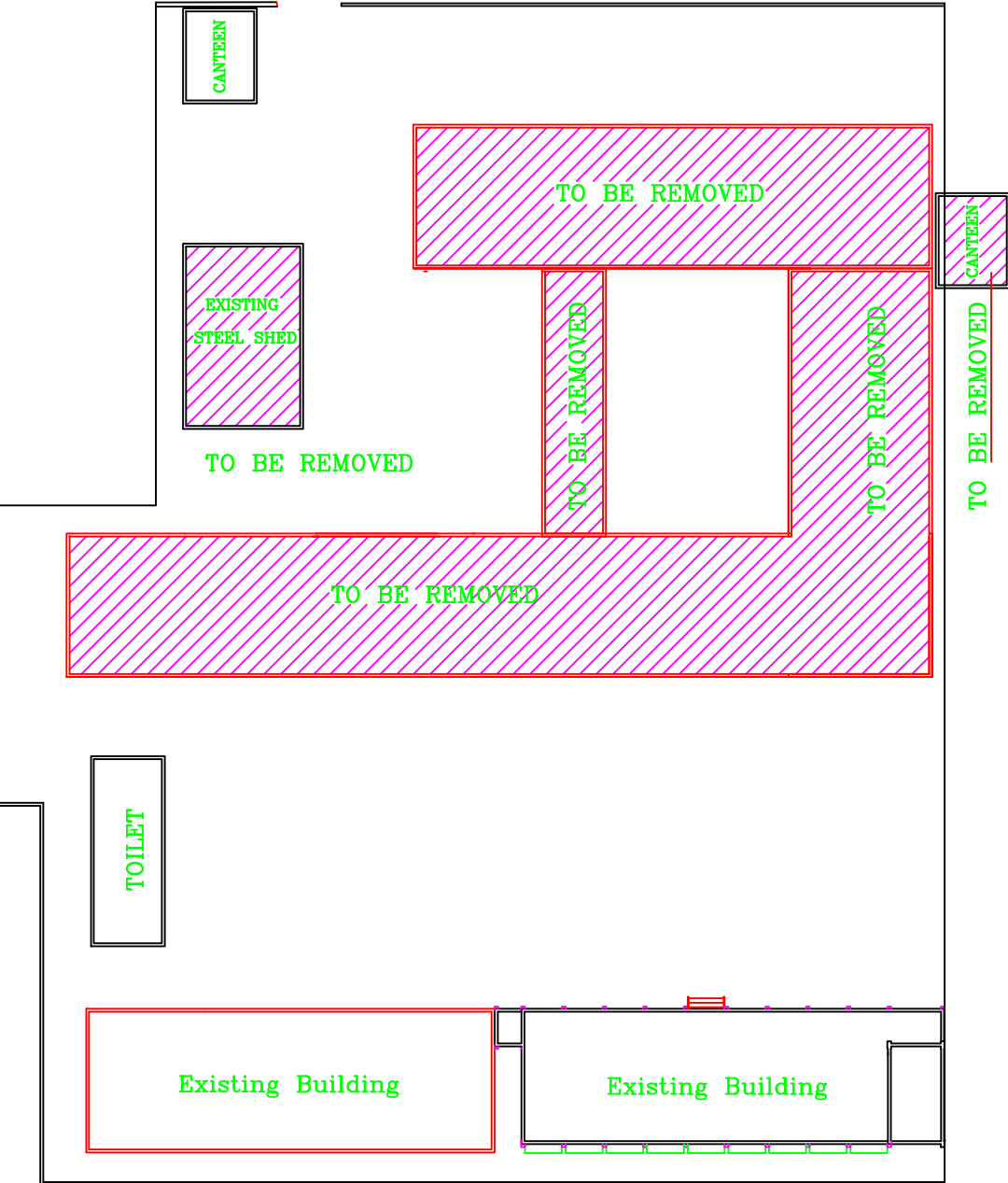
Proposed Intervention

1. Removal of existing old buildigs, Canteen and Steel Shed
2. Construction of 3floors new biulding
3. Construction of new steel shed

PROPOSED



TO BE REMOVED



NOTES:



FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

SITE LAYOUT

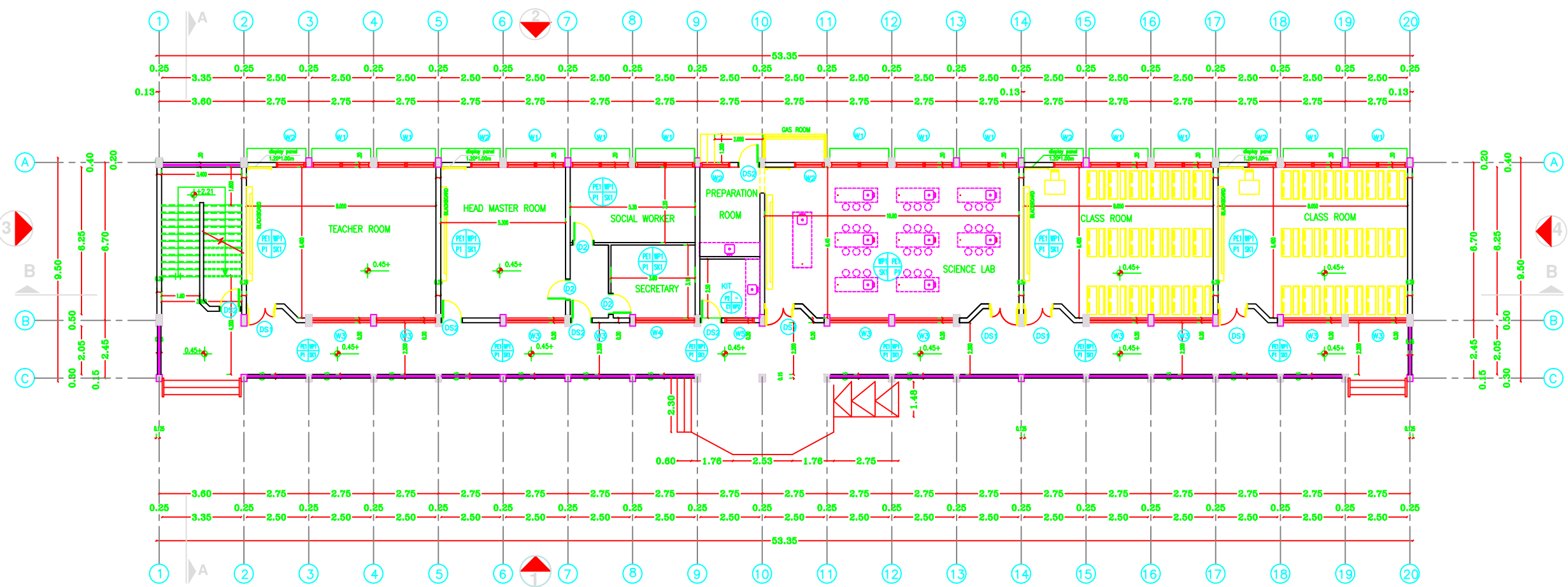
Scale

To Fit

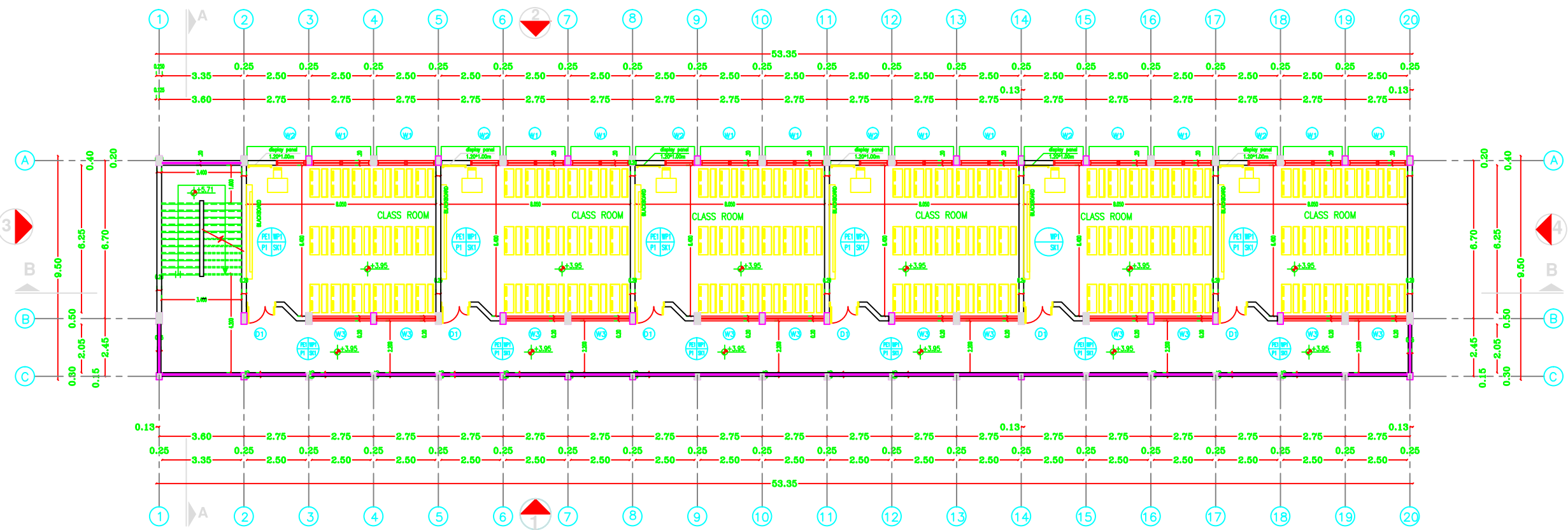
Drawing No.

A 01





GROUND FLOOR PLAN



FIRST & SECOND FLOOR PLAN

NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhroa Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

GROUND FLOOR PLAN  
FIRST & SECOND FLOOR PLAN

Scale

To Fit

Drawing No.

A 02

NOTES:	

FOR TENDER ONLY



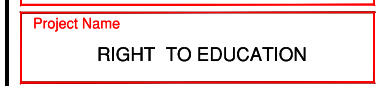
**fakhoorn.nl**  
take action, define education

a programme of education about

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People



Drawing name
ROOF FLOOR PLAN

Scale
To Fit



Scale
To Fit

NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

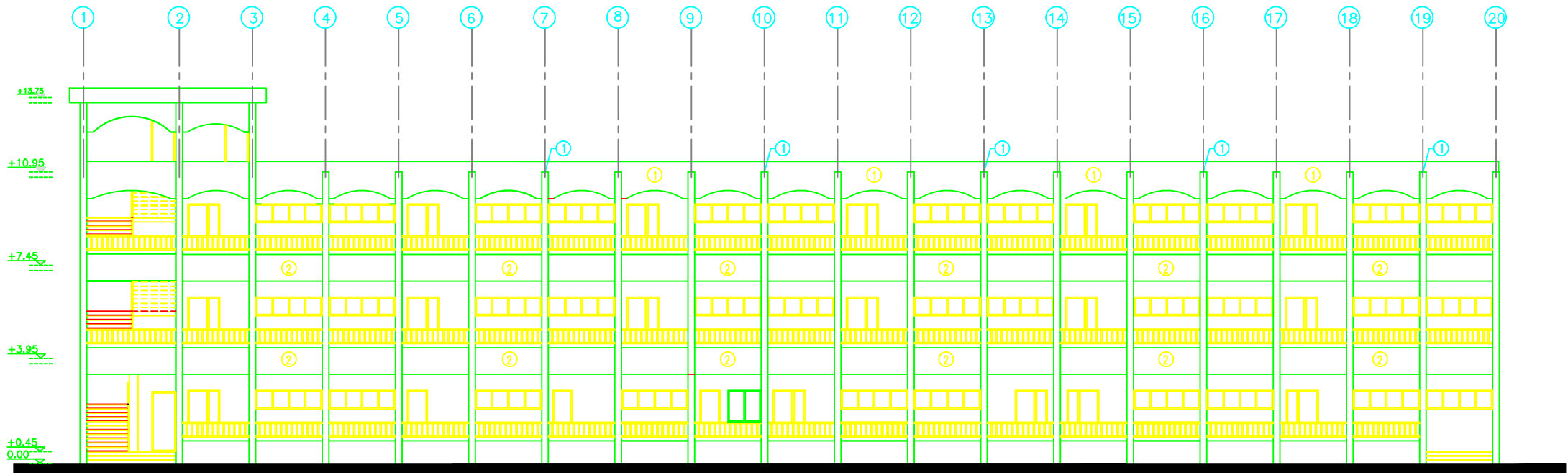
ELEVATION (1,4)

Scale

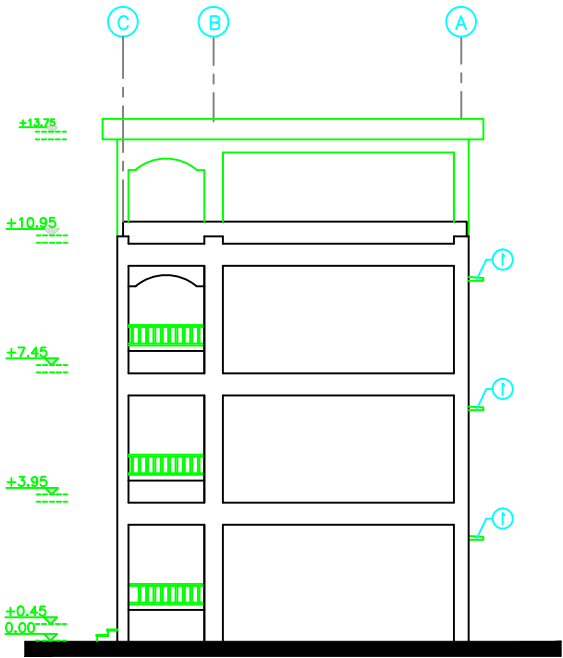
To Fit

Drawing No.

A 04



ELEVATION 1



ELEVATION 4

NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

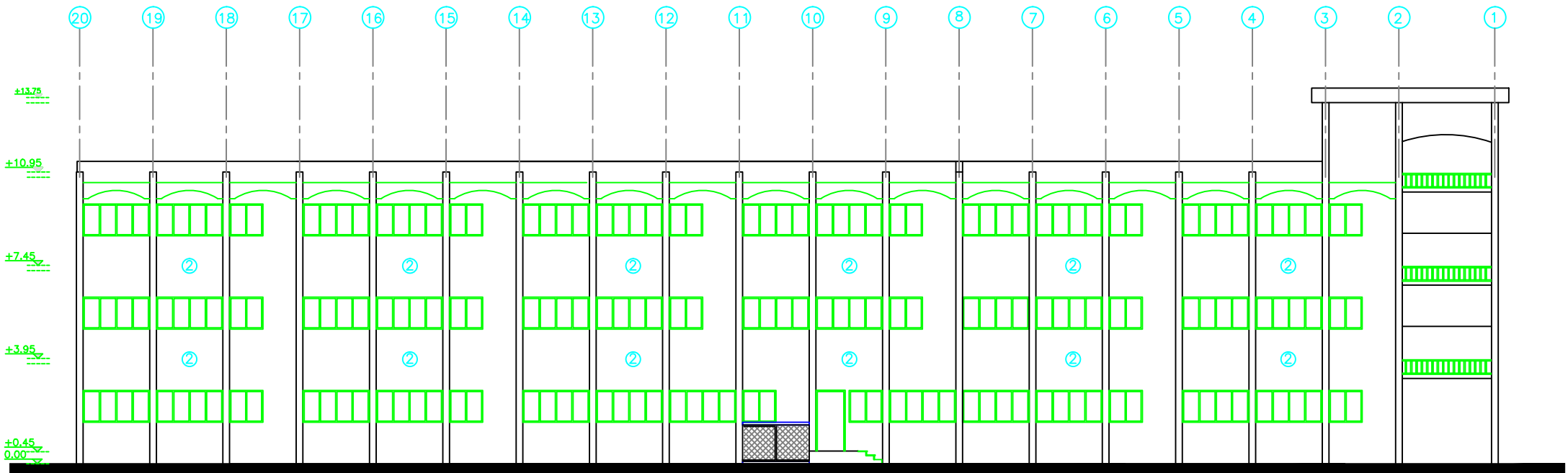
ELEVATION (2,3)

Scale

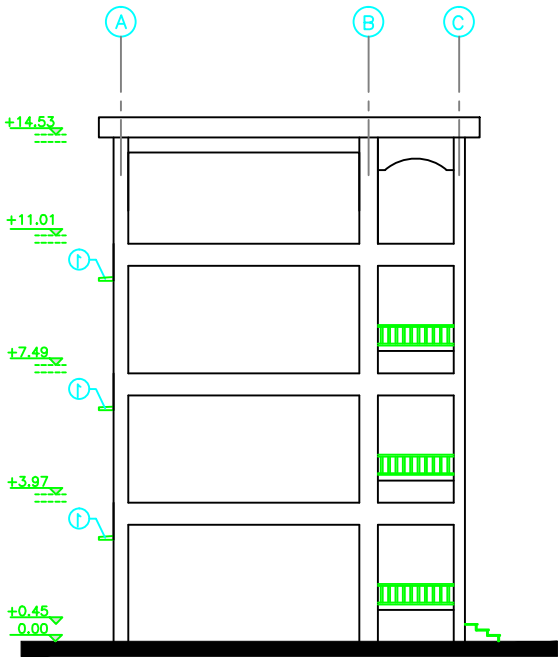
To Fit

Drawing No.

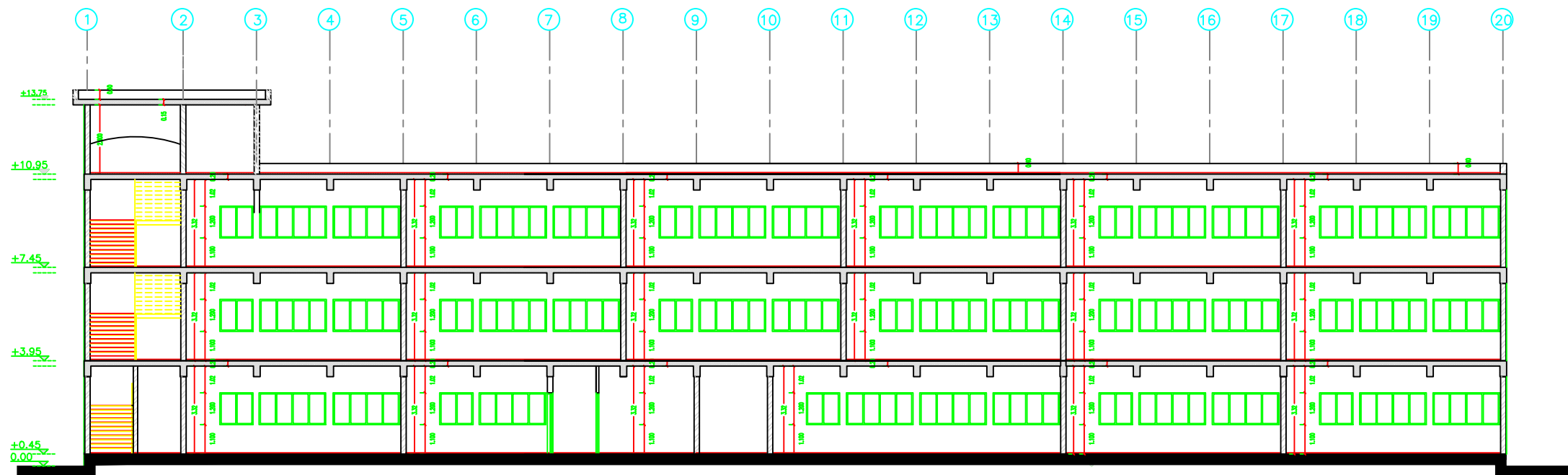
A 05



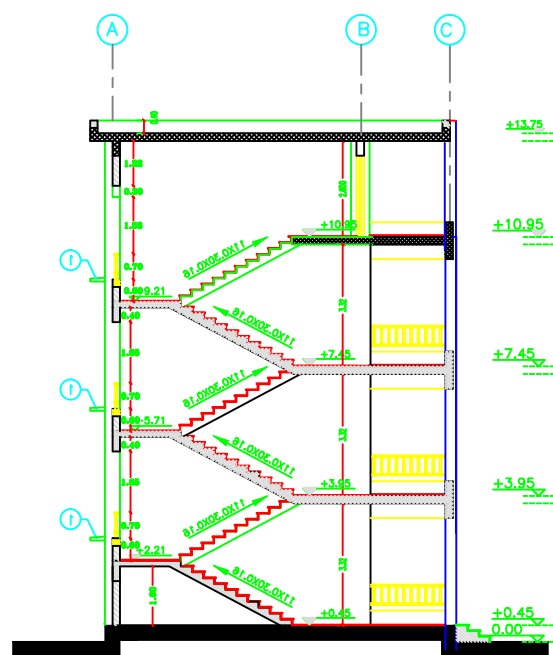
ELEVATION 2



ELEVATION 3



SECTION B - B



SECTION A - A

NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

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

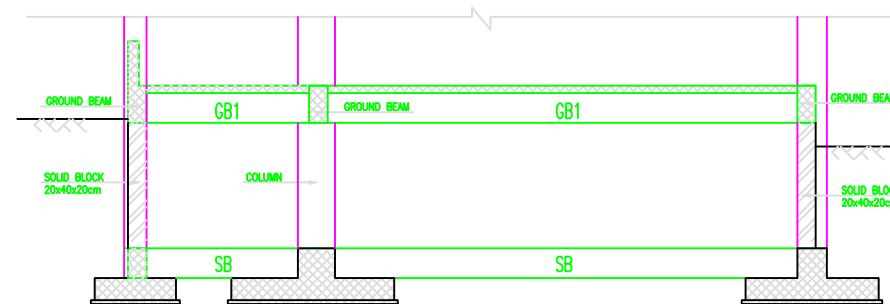
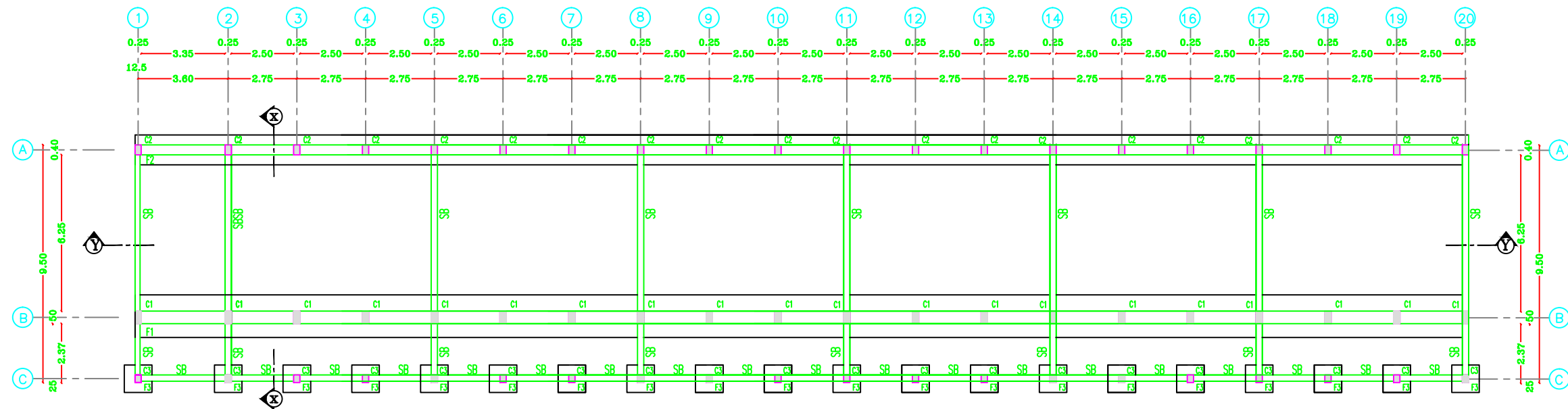
Scale

To Fit

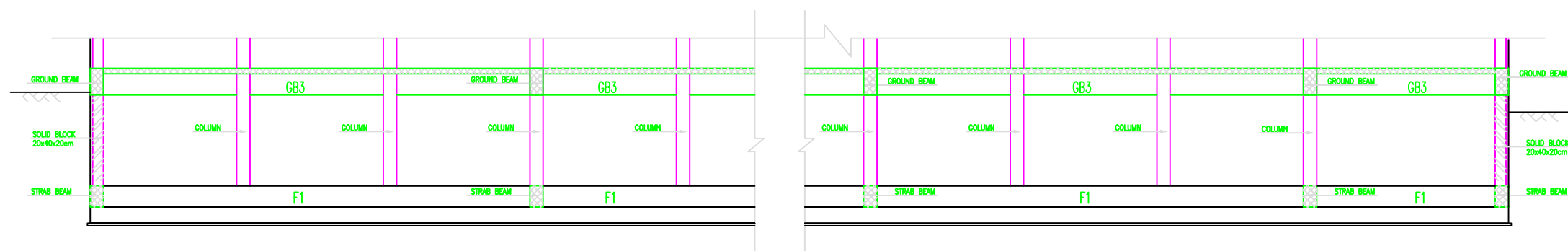
Drawing No.

A 06

# Structural Drawings



SECTION X - X



SECTION Y - Y

## NOTES:

- DESIGN BEARING CAPACITY IS 1.35 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION.
- EXCAVATION LEVEL SHOULD BE (-2.50) FROM THE LOWEST POINT FROM N.G.L. (1m SHOULD BE REBACK FILL OF COMPACTED KURRAQ).
- 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 COATED WITH 2 COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WETTED AND COMPACTED)
- N.G.L. WILL BE FIXED BY THE ENGINEER
- CONCRETE CURE CRUSHING STRENGTH AFTER 28 DAYS
- $R = 25N/MM^2$  ; FOR BEAMS & SLABS
- $R = 30N/MM^2$  ; FOR COLUMNS
- RIBBED HIGH YIELD STEEL  $F_y=410N/MM^2$
- MILD YIELD STEEL  $F_y=250N/MM^2$
- FOUNDATION HAS TO BE DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD MARK OF BENDS AND HOOKS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE

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

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

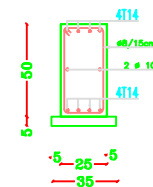
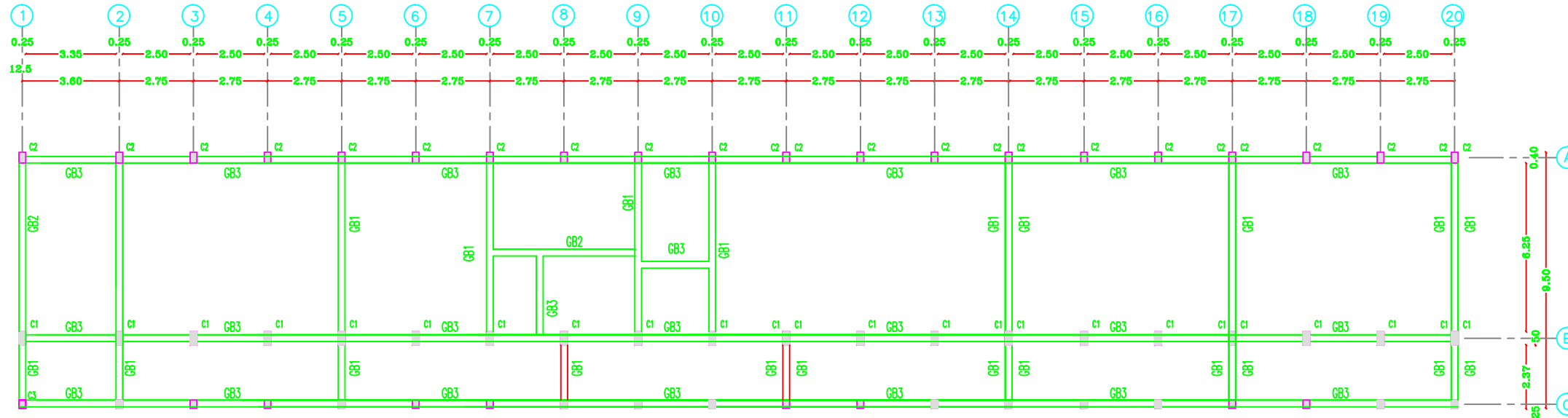
FOUNDATION PLAN

Scale

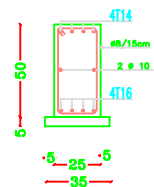
Drawing No.

To Fit

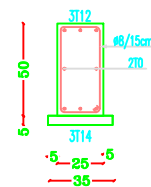
S 01



GB1

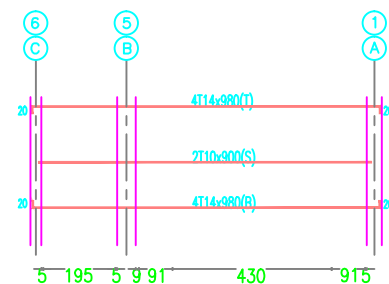
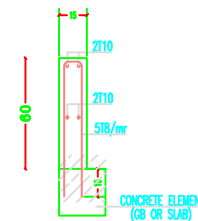


GB2

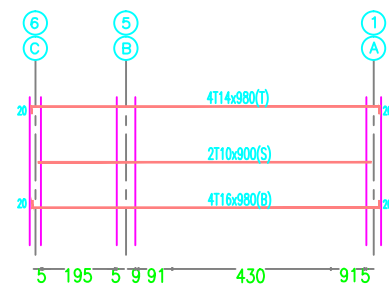


GB3

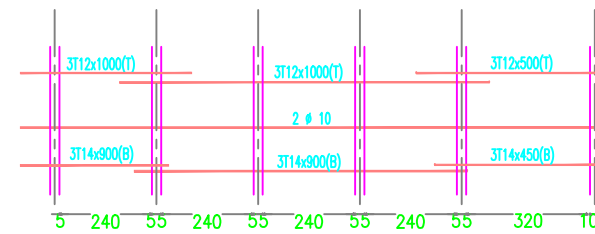
WALL PARAPET AT CORRIDORS & ROOF



GB 1



GB 2



GB 3

NOTES:

- DESIGN BEARING CAPACITY IS 1.35 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION.
- EXCAVATION LEVEL SHOULD BE (-2.80) FROM THE LOWEST POINT FROM N.G.L. (1m SHOULD BE REBAR FULL OF COMPACTED KURRAH).
- 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 COATED WITH 2 COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WETTED AND COMPACTED).
- N.G.L. WILL BE FIXED BY THE ENGINEER.
- CONCRETE CURE CRUSHING STRENGTH AFTER 28 DAYS
  - D = 250/MM2 ; FOR BEAMS & SLABS
  - D = 300/MM2 ; FOR COLUMNS
- REBAR HIGH YIELD STEEL F<sub>y</sub>=410N/MM2
- MILD YIELD STEEL F<sub>y</sub>=250N/MM2
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD HOOK OF BEAMS AND COLUMNS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE

BAR 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
25	50	75	50	75

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

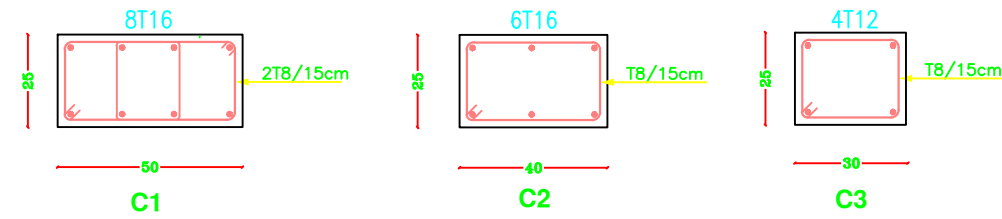
GROUND BEAM PLAN

Scale  
To Fit

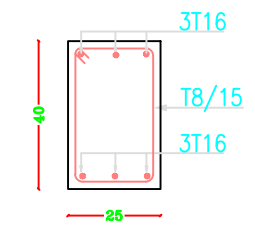
Drawing No.

S 02

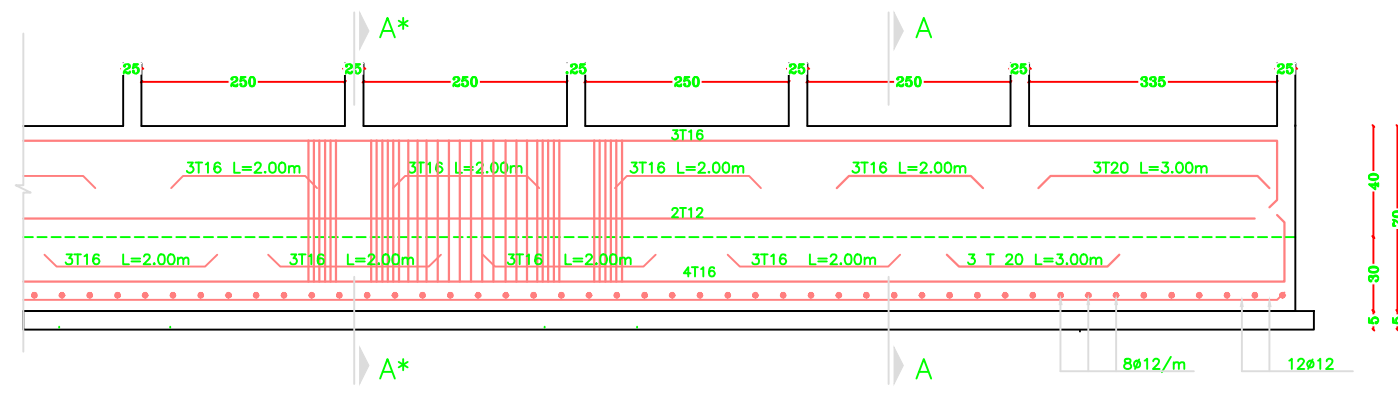




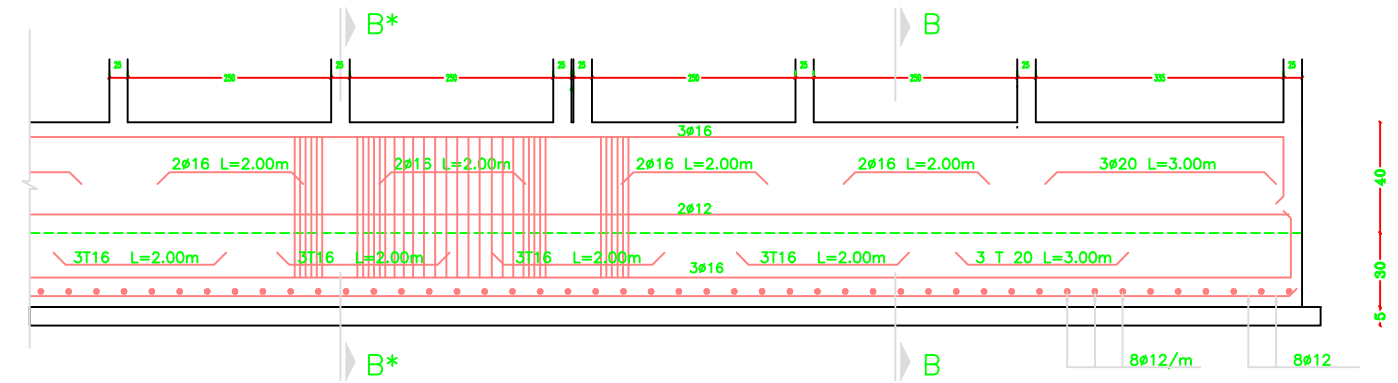
COLUMNS DETAIL



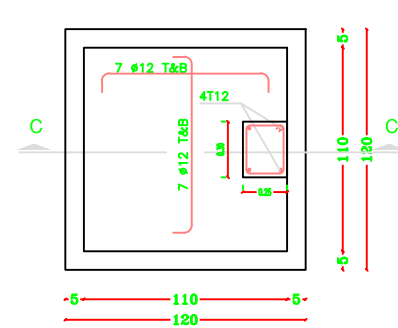
STRAB BEAM SB DETAIL



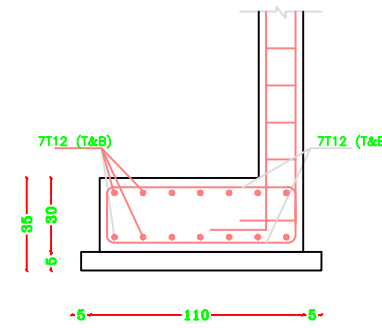
REINFORCEMENT DETAILS FOR F1 (1.80x0.30x0.40)(DET.2)



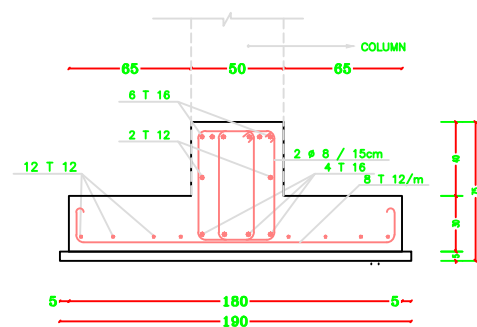
REINFORCEMENT DETAILS FOR F2 (1.40x0.30x0.40)(DET.3)



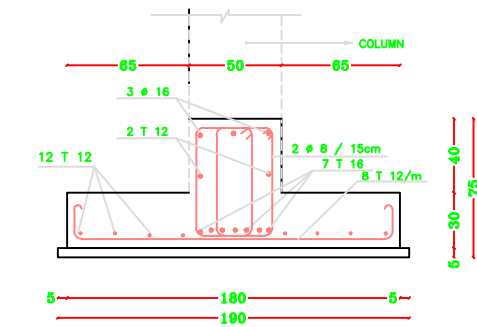
F3\* - C3



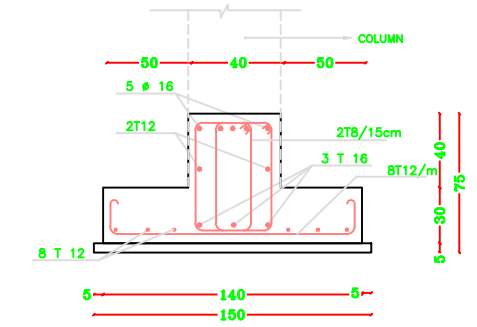
SECTION C - C (F3\*)



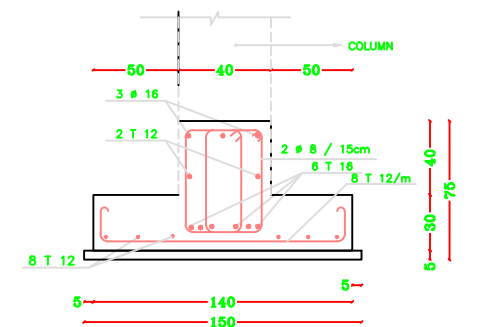
INVERTED T SECTION A - A (F1)  
SCALE 1 : 20



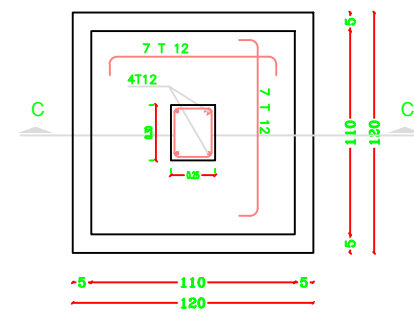
INVERTED T SECTION A\* - A\* (F1)  
SCALE 1 : 20



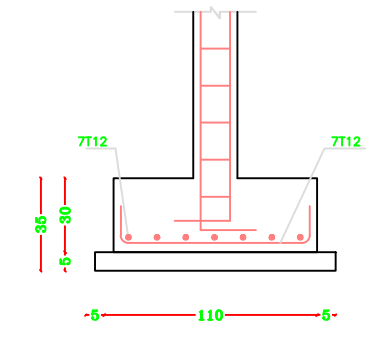
INVERTED T SECTION B - B (F2)



INVERTED T SECTION B\* - B\* (F2)



F3 - C3



SECTION C - C (F3)

NOTES:

- DESIGN BEARING CAPACITY IS 1.35 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION.
- EXCAVATION LEVEL SHOULD BE (-2.50) FROM THE LOWEST POINT FROM N.G.L. (1m SHOULD BE REBAR FULL OF COMPACTED KURRAH).
- 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 COATED WITH 2 COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WETTED AND COMPACTED)
- N.G.L. 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  $F_y=410N/MM^2$
- MILD YIELD STEEL  $F_y=250N/MM^2$
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD MARK OF BEAMS AND HOOPS 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	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

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name  
**RIGHT TO EDUCATION**

School name  
Khan Younis Secondary Girls School

Drawing name  
FOUNDATION & COLUMNS DETAILS

Scale  
To Fit

Drawing No.  
**S 03**

TYPE	NECK COLUMNS	GROUND FLOOR COLUMNS	FIRST FLOOR COLUMNS	SECOND FLOOR COLUMNS
C1				
C2				
C3				

NOTES:

- DESIGN BEARING CAPACITY IS 1.35 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION .
- EXCAVATION LEVEL SHOULD BE (-2.50) FROM THE LOWEST POINT FROM N.G.L.L .
- ( 1m SHOULD BE REBACK FILL OF COMPACTED KURRAQ ) .
- 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 COATED WITH 2 COATS OF HOT BITUMEN .
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER .
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WETTED AND COMPACTED)
- N.G.L.L WILL BE FIXED BY THE ENGINEER
- CONCRETE CURE CRUSHING STRENGTH AFTER 28 DAYS
- $\sigma_c = 25N/MM^2$  ; FOR BEAMS & SLABS
- $\sigma_c = 30N/MM^2$  ; FOR COLUMNS
- RIBBED HIGH YIELD STEEL  $F_y=410N/MM^2$
- MILD YIELD STEEL  $F_y=250N/MM^2$
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY .
- STANDARD HOOKS OF BEAMS 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	75	

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhroora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

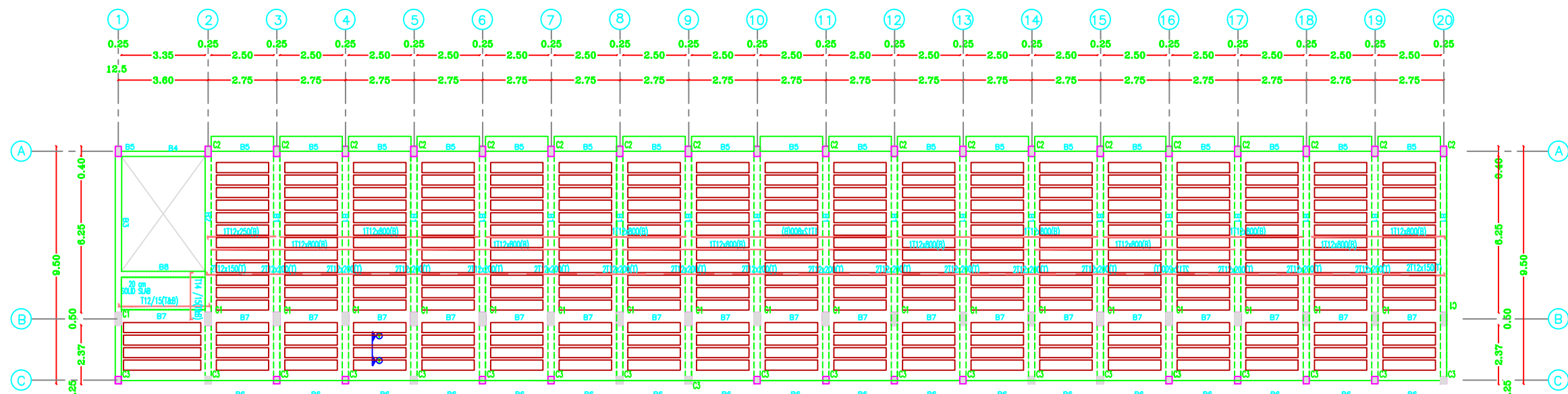
COLUMNS DETAILS

Scale

Drawing No.

To Fit

S 04



# NOTES:

- DESIGN BEARING CAPACITY IS 1.35 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION
- EXCAVATION LEVEL SHOULD BE (-2.50) FROM THE LOWEST POINT FROM N.G.L.
- (1m SHOULD BE REBACK FILL OF COMPACTED KURRAQ)
- 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 COATED WITH 2 COATS OF HOT BITUMEN
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WETTED AND COMPACTED)
- N.G.L. 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  $F_y=410N/MM^2$
- MILD YIELD STEEL  $F_y=250N/MM^2$
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD HOOK 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	18	18
8	18	24	24	24
10	24	30	30	30
12	24	36	36	36
14	28	42	42	42
16	32	48	48	48
18	36	54	54	54
20	40	60	60	60
25	50	75	75	75

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

TYPICAL SLAB

Scale

To Fit

Drawing No.

S 05

NOTES:

- DESIGN BEARING CAPACITY IS 1.35 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION.
- EXCAVATION LEVEL SHOULD BE (-2.50) FROM THE LOWEST POINT FROM N.G.L. (1m SHOULD BE REBACK FILL OF COMPACTED KURRAH).
- 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 COATED WITH 2 COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WETTED AND COMPACTED)
- N.G.L. 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  $F_y=410N/MM^2$
- MILD YIELD STEEL  $F_y=250N/MM^2$
- FOUNDATION WAS DESIGNED TO HAVE GROUND FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD MARK OF BEAMS AND HOOPS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE

BAR SIZE	BENDS		HOOKS	
	D	R	D	R
6	12	18		
8	18	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



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhroora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

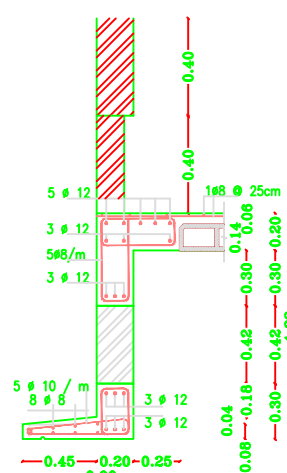
Khan Younis Secondary Girls School

Drawing name

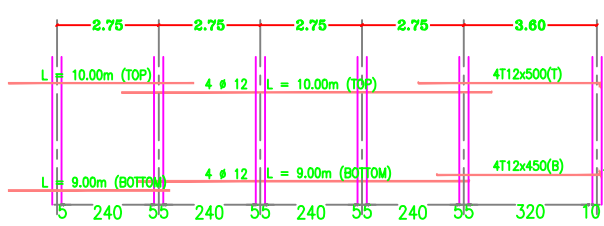
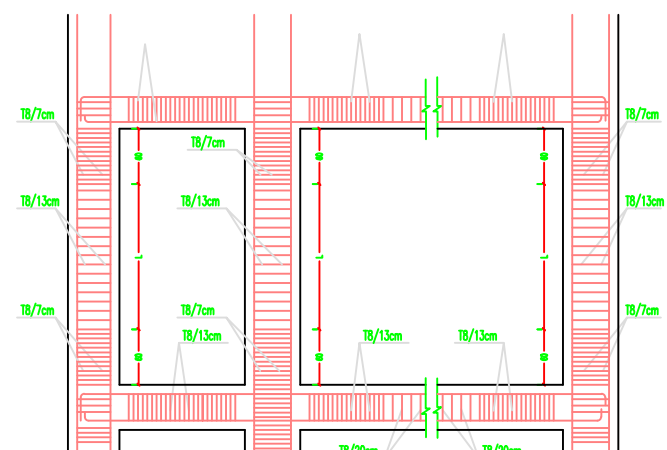
TYPICAL SLABE

Scale Drawing No.  
To Fit S 05

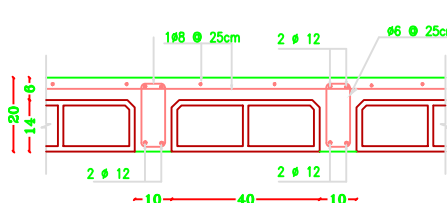
STIRRUPS SPACING IN COLUMNS & BEAMS



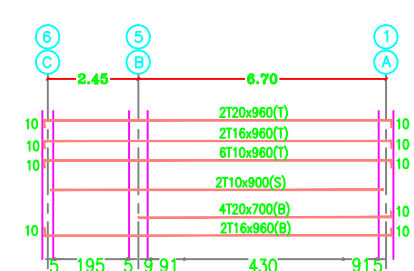
B 5 FOR FINAL ROOF



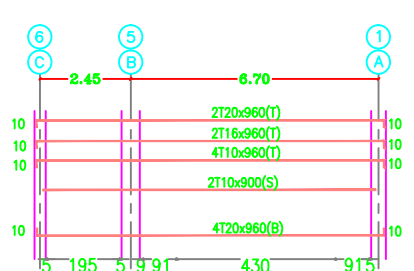
B 7



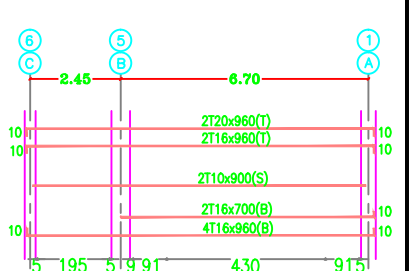
SECTION A - A



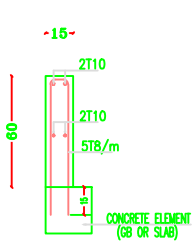
B 1



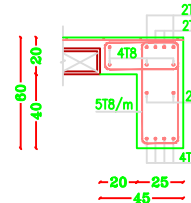
B 2



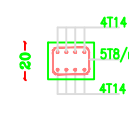
B 3



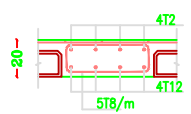
WALL PARAPET AT CORRIDORS



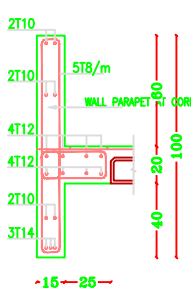
B 9



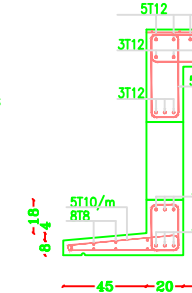
B 8



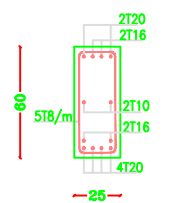
B 7



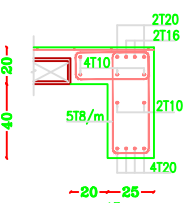
B 6



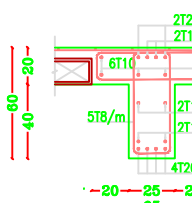
B 5



B 3



B 2



B 1

# NOTES:

- DESIGN BEARING CAPACITY IS 1.35 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION.
- EXCAVATION LEVEL SHOULD BE (-2.50) FROM THE LOWEST POINT FROM N.L.L. (1m SHOULD BE REBACK FILL OF COMPACTED KURRAQ).
- 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 COATED WITH 2 COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WETTED AND COMPACTED)
- N.L.L. 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  $F_y=410N/MM^2$
- MILD YIELD STEEL  $F_y=250N/MM^2$
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD MARK OF BEAMS AND HOOKS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE

BAR SIZE	BENDS		HOOKS	
	SIZE 250 (TYPE AND GRADE R)	SIZE 410 (TYPE AND GRADE L)	SIZE 250 (TYPE AND GRADE R)	SIZE 410 (TYPE AND GRADE L)
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		

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL

Al Fakhroora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

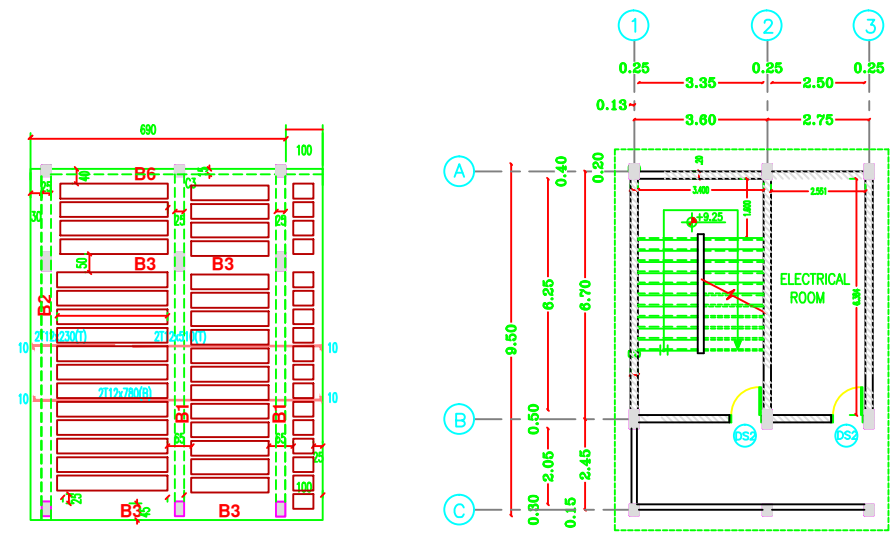
STAIR DETAILS

Scale

To Fit

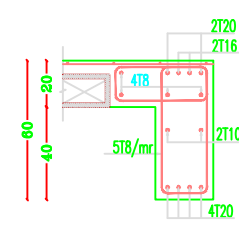
Drawing No.

S 06

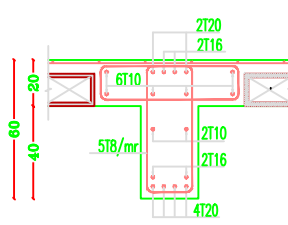


STAIR CASE SLAB  
scale 1 : 100

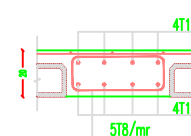
STAIR CASE PLAN



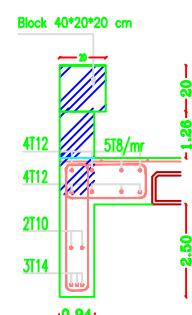
B 2



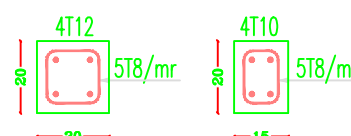
B 1



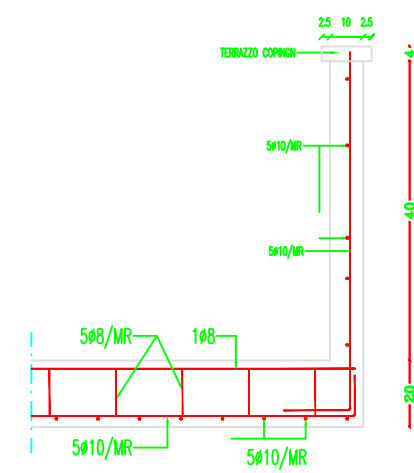
B 3



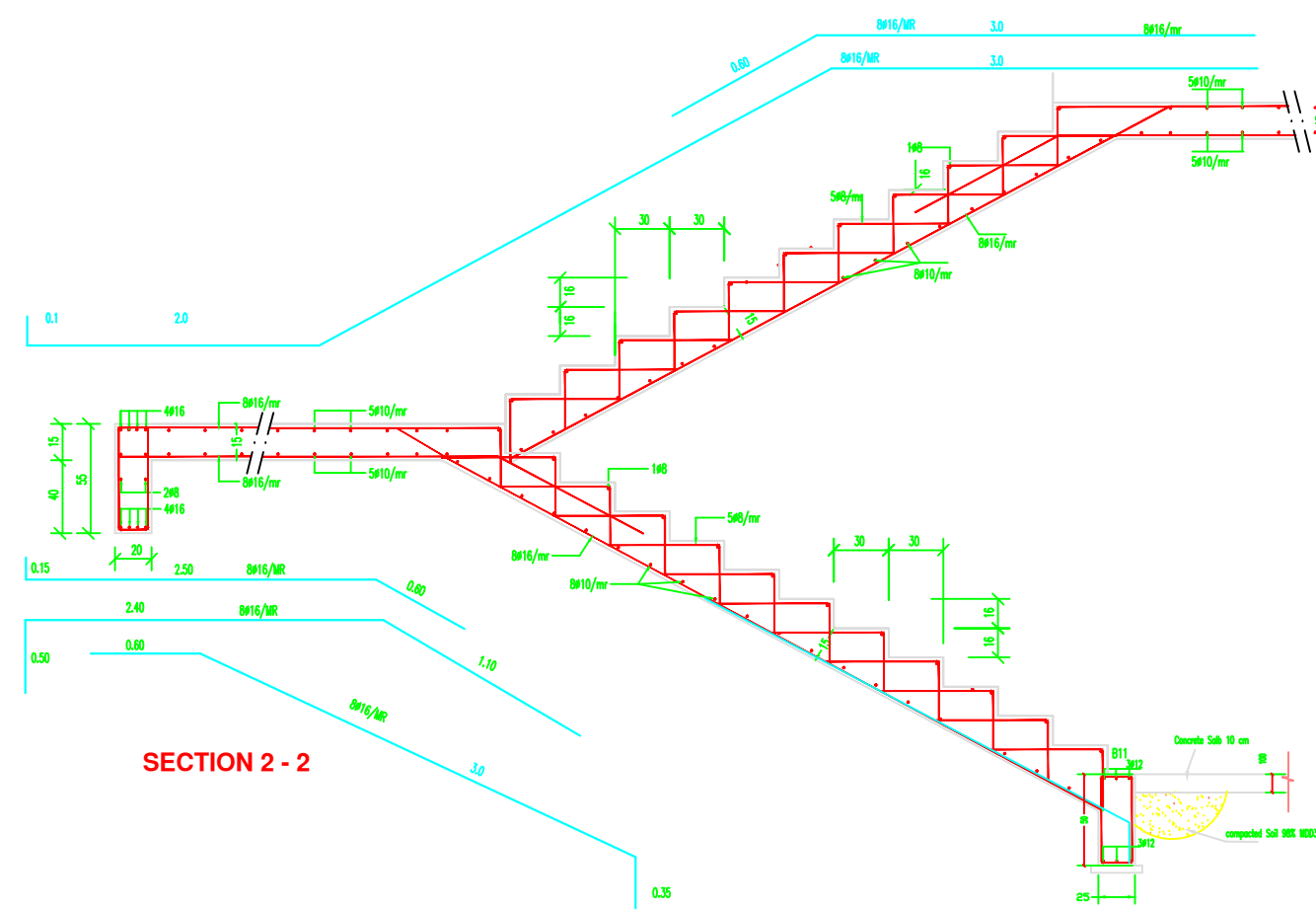
B 6



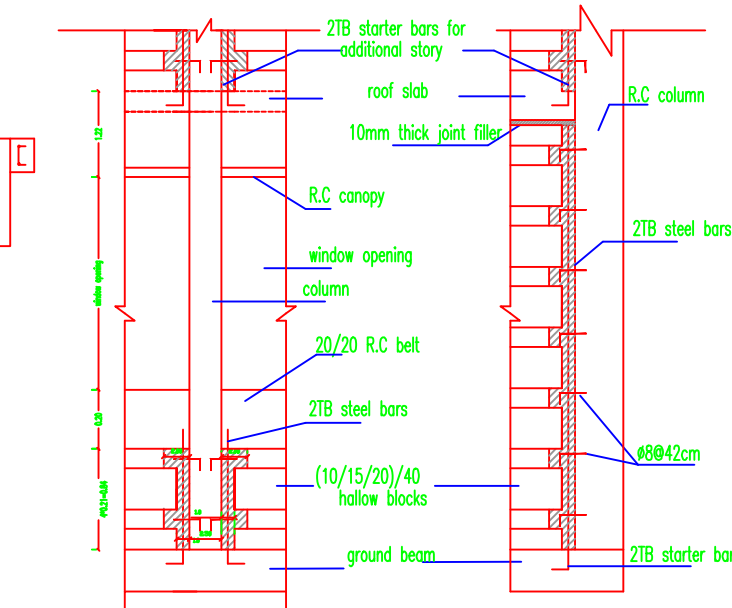
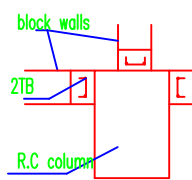
LENTILS DETAIL  
SCALE 1 : 20



Hand Rail Parabet

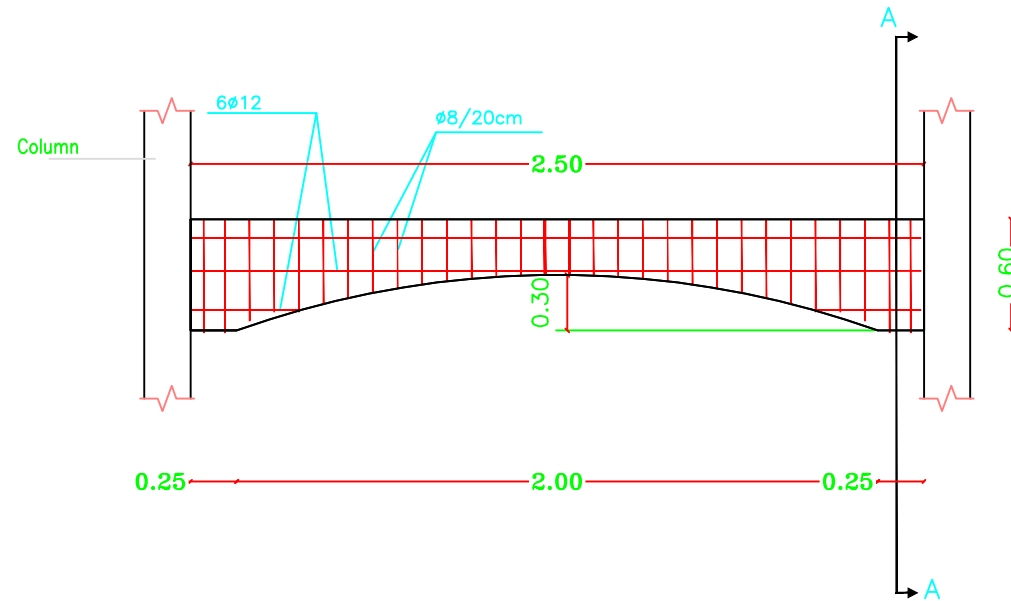


SECTION 2 - 2

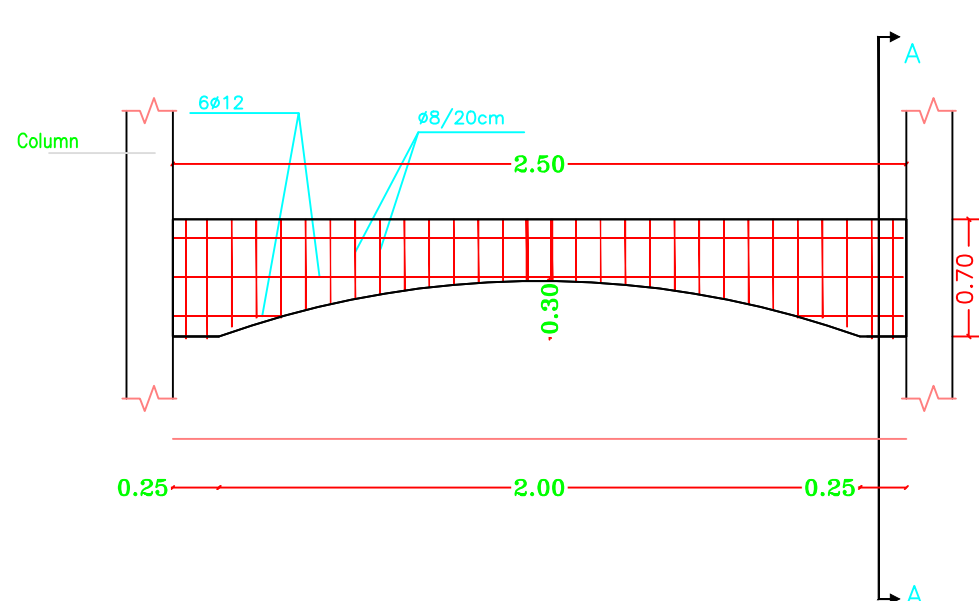


CONCRETE FILET BETWEEN BLOCK WALLS & COLUMNS

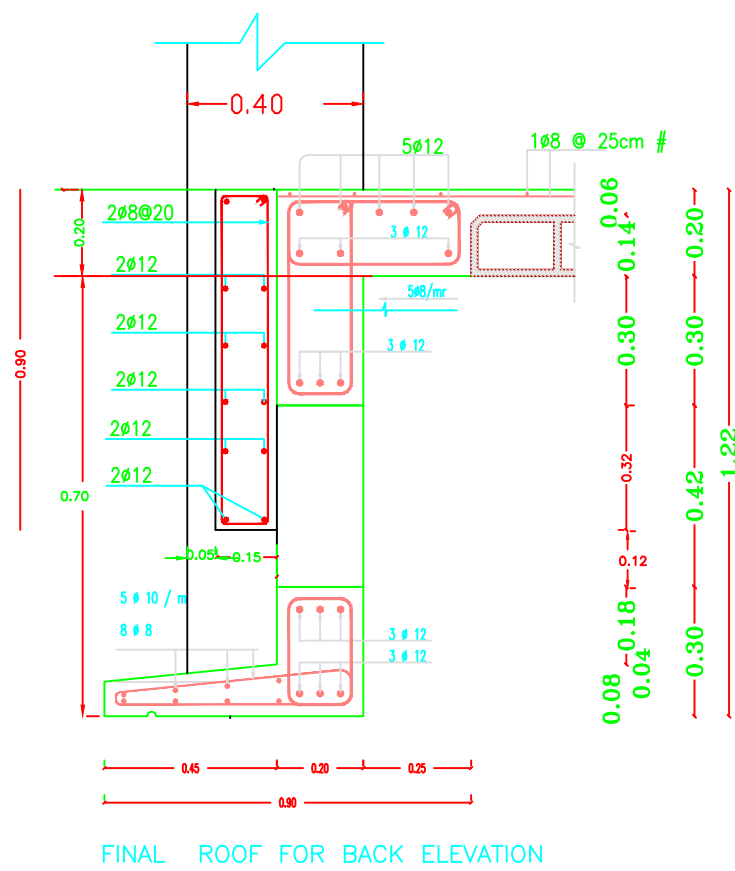
The Contractor has to submit detailed Shop Drawings of all works for approval Of the supervisor Engineer



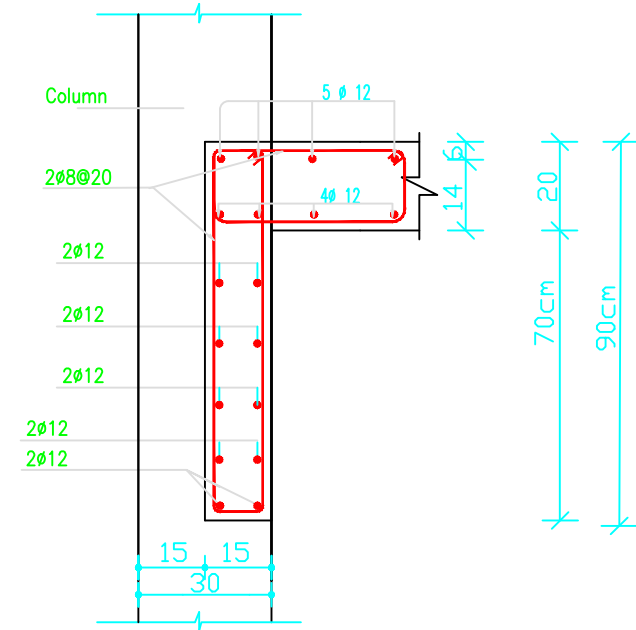
Details of Arches in Second Floor Back Elevations  
SCALE 1:50



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:**

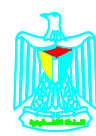
- DESIGN BEARING CAPACITY IS 1.35 KG/CM2
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION.
- EXCAVATION LEVEL SHOULD BE (-2.50) FROM THE LOWEST POINT FROM N.G.L. (1m SHOULD BE REINFORCED FILL OF COMPACTED KURRAH).
- ALL CONC. IN CONTACT WITH SOIL SHOULD CONTAIN TYPE SULFATE 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 COATED WITH 2 COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WETTED AND COMPACTED).
- N.G.L. WILL BE FIXED BY THE ENGINEER.
- CONCRETE CURE CRUSHING STRENGTH AFTER 28 DAYS
  - Ø = 250/MM2 ; FOR BEAMS & SLABS
  - Ø = 300/MM2 ; FOR COLUMNS
- RIBBED HIGH YIELD STEEL, FY=410N/MM2
- MILD YIELD STEEL, FY=250N/MM2
- FOUNDATION WAS DESIGNED TO HAVE GROUND, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD BARS OF BEAMS AND COLUMNS 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)
6	12	18
8	18	24
10	24	30
12	24	36
14	28	42
16	32	48
18	36	54
20	40	60
25	50	75

**FOR TENDER ONLY**

  
PALESTINIAN NATIONAL AUTHORITY

**DONATED BY**  
  
EDUCATION ABOVE ALL  
Al Fakhoora Programme

**IMPLEMENTED BY**  
  
United Nations Development Programme  
Programme of Assistance the Palestinian People

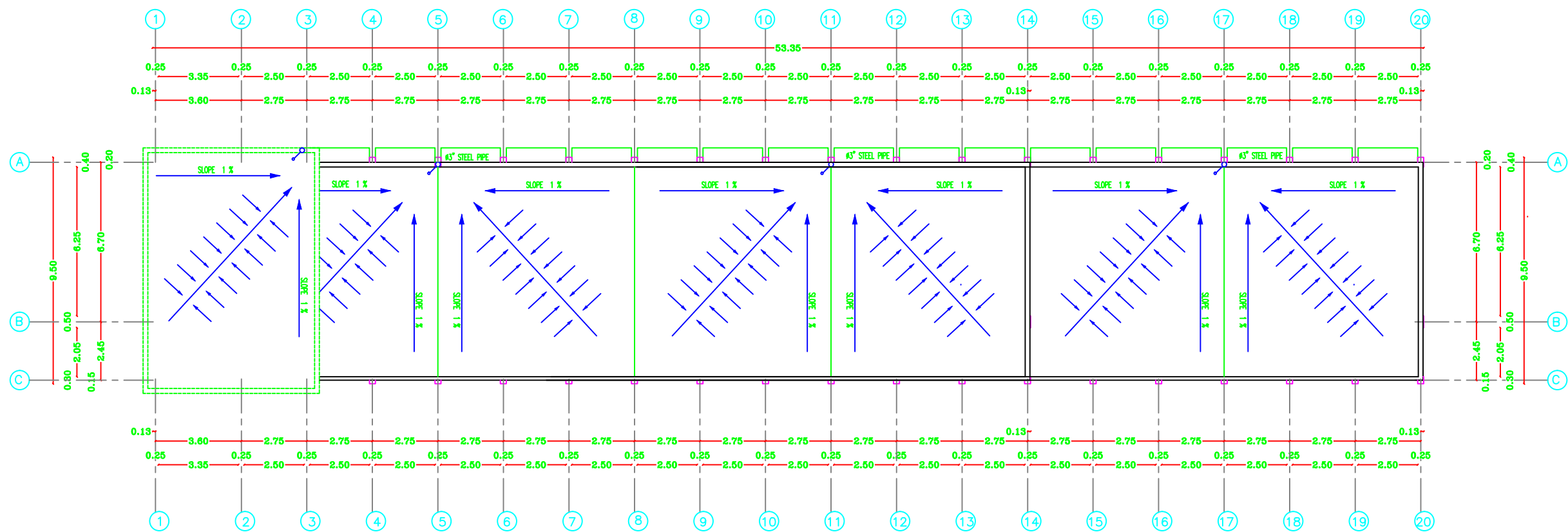
**Project Name**  
RIGHT TO EDUCATION

**School name**  
Khan Younis Secondary Girls School

**Drawing name**  
STAIR DETAILS

Scale	Drawing No.
To Fit	S 07

# Mechanical Drawings



DRAINAGE PLAN

NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

DRAINAGE PLAN

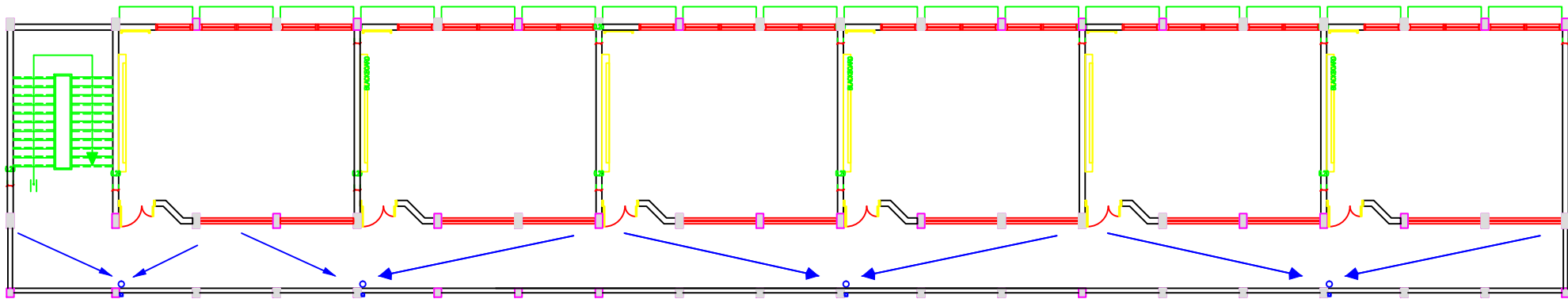
Scale

To Fit

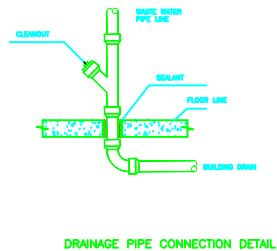
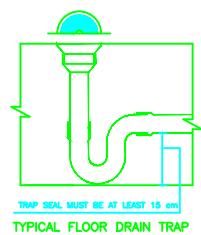
Drawing No.

M 01





GROUND FIRST & SECOND FLOOR SANITARY PLAN



NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

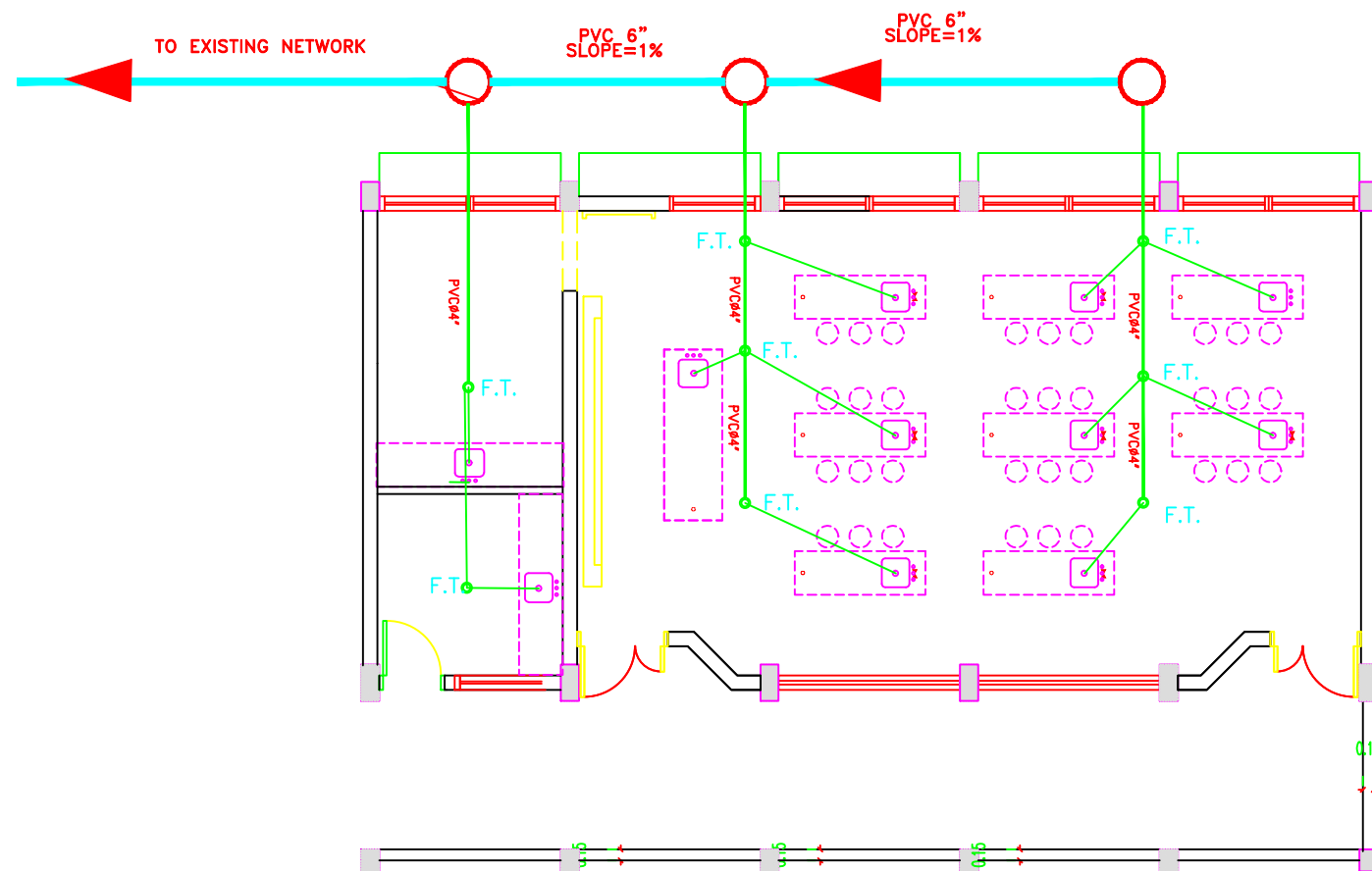
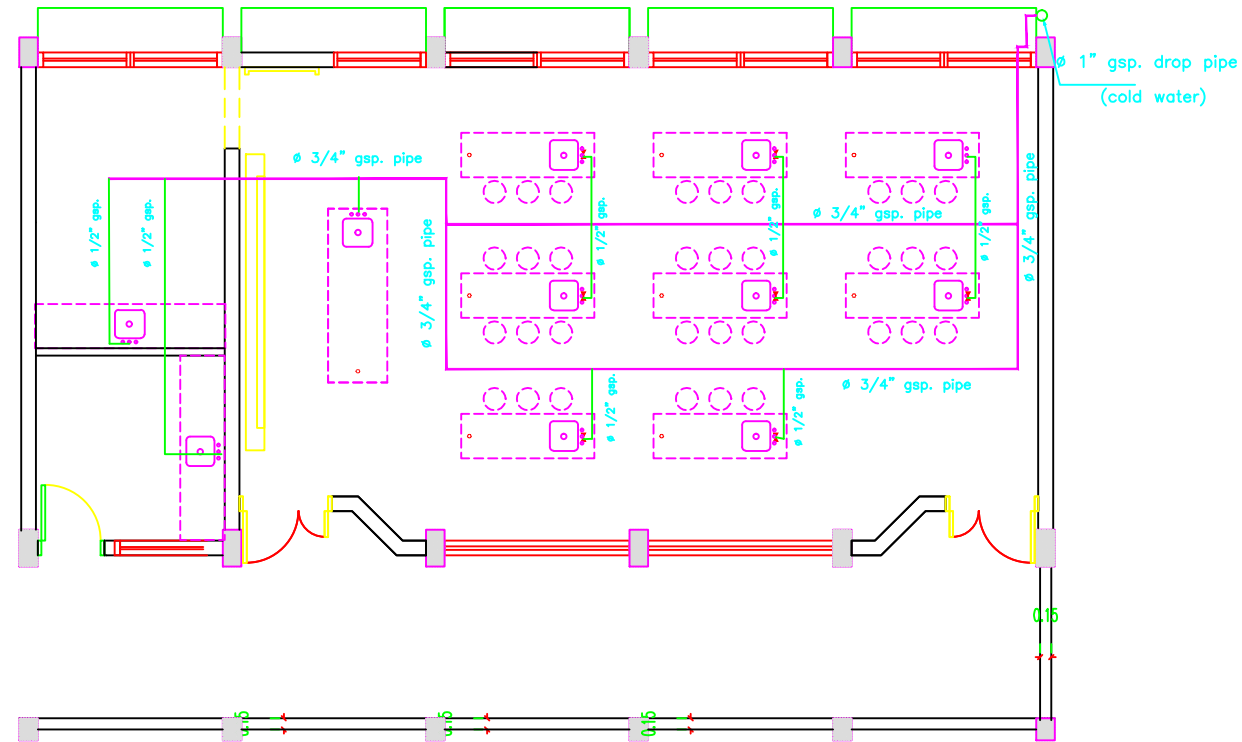
SANITARY PLAN

Scale

To Fit

Drawing No.

M 02



# NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

SEWAGE WORKS  
WATER SUPPLY WORKS

Scale  
To Fit

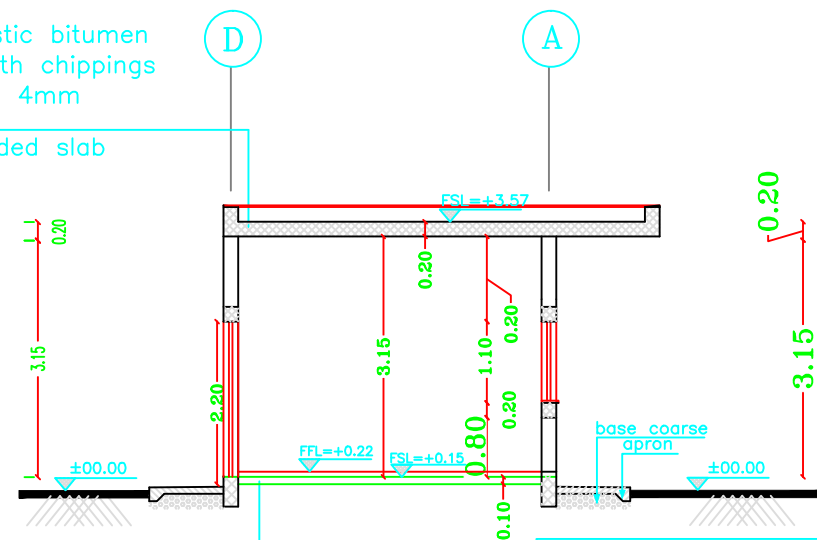
Drawing No.

M 03

# Canteen Drawings

single ply plastic bitumen  
roofing felt with chippings  
min. thickness 4mm

20cm suspended slab

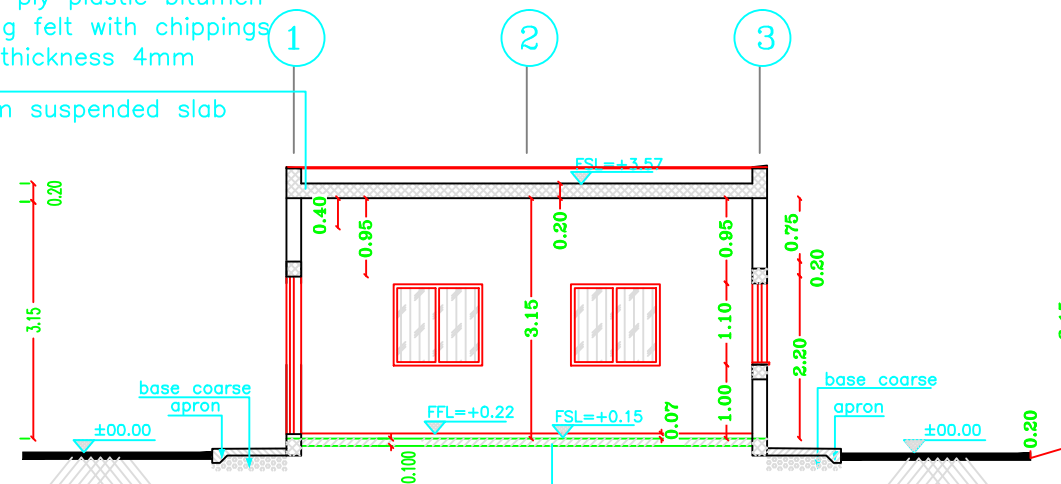


SEE STRUCTURAL DRAWINGS  
FOR FOUNDATION DETAILS

SECTION A - A

single ply plastic bitumen  
roofing felt with chippings  
min. thickness 4mm

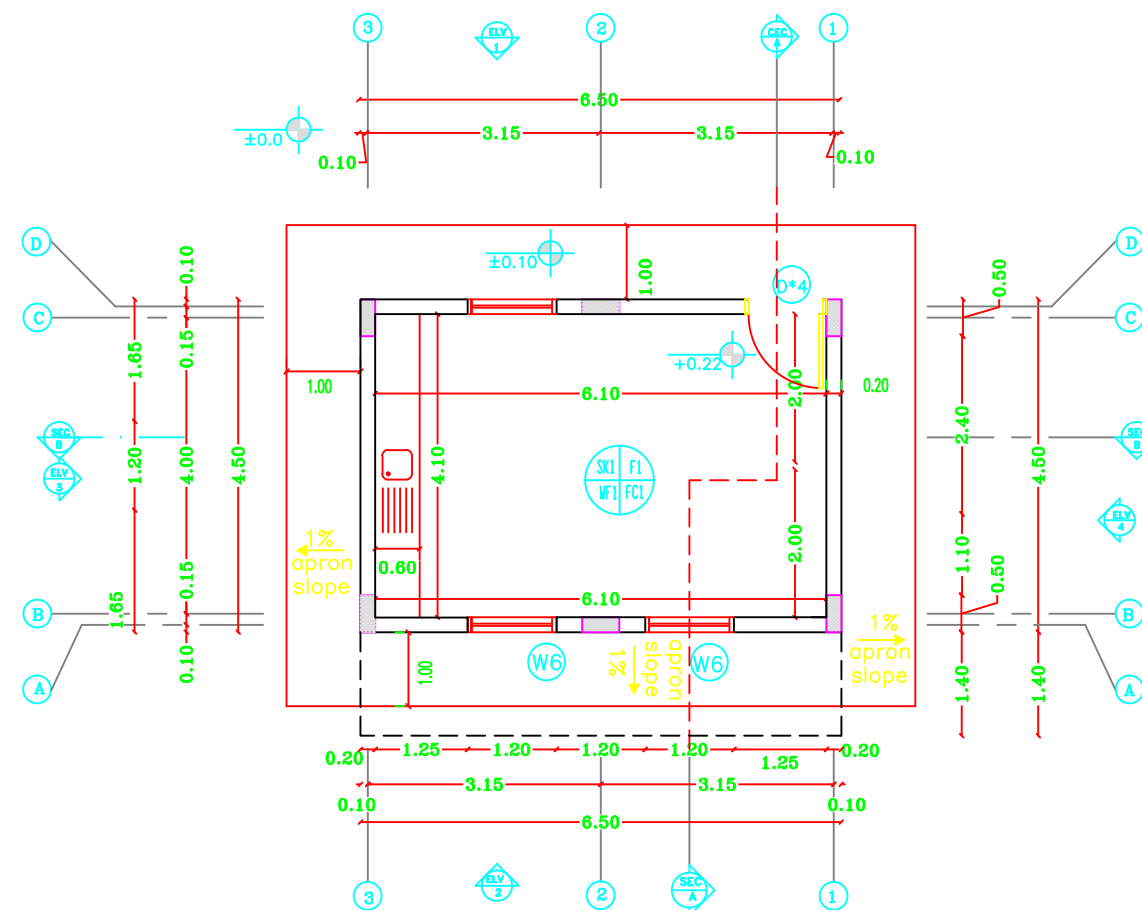
20cm suspended slab



terrazzo tiles on mortar  
bed and 5cm sandbed  
overall thickness=7cm  
on 10cm ground slab

SEE STRUCTURAL DRAWINGS  
FOR FOUNDATION DETAILS

SECTION B - B



GROUND FLOOR PLAN

## 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 = NON-SLIP CERAMIC FLOOR TILES
- FFL(+0.00) IS THE FINISHED FLOOR LEVEL INDICATED IN THE SITE LAYOUT DRAWING.
- C1-ROUGH CONCRETE FINISH

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhroora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

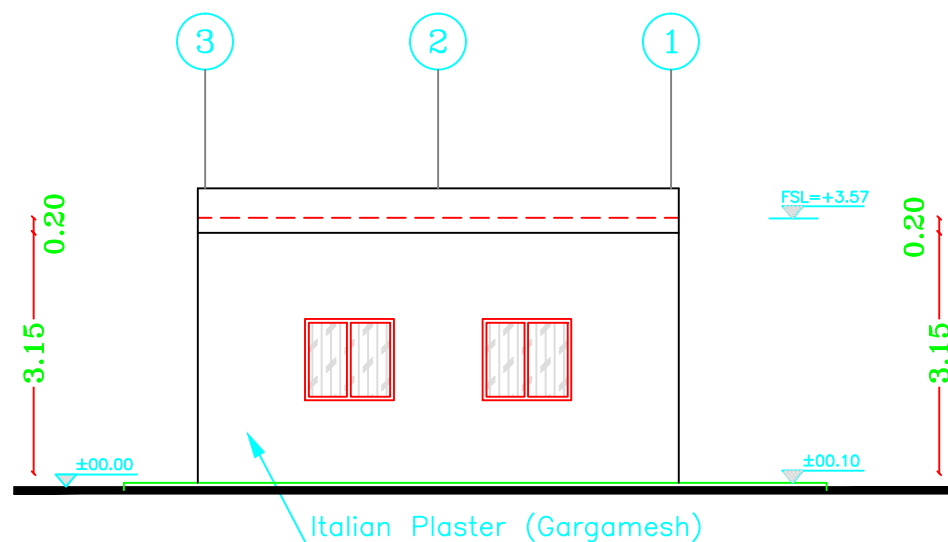
CANTEEN PLAN & SECTIONS

Scale

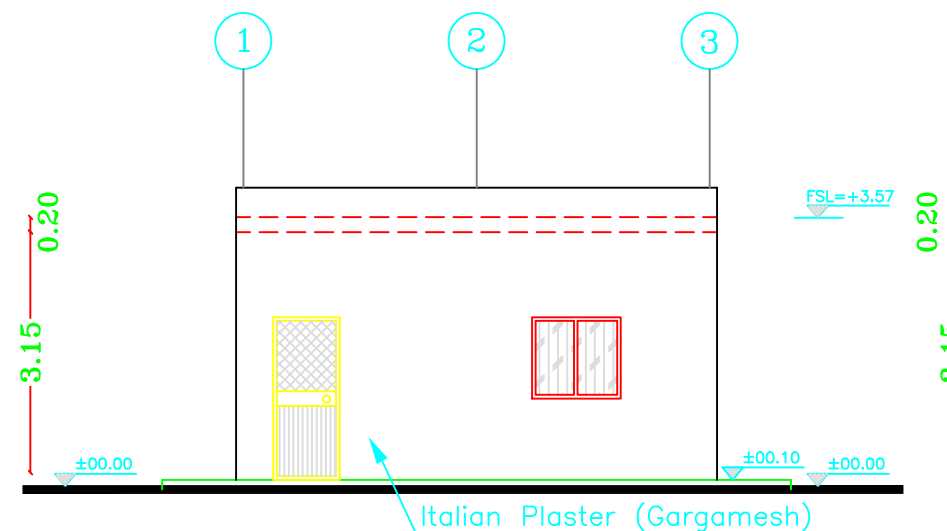
Drawing No.

To Fit

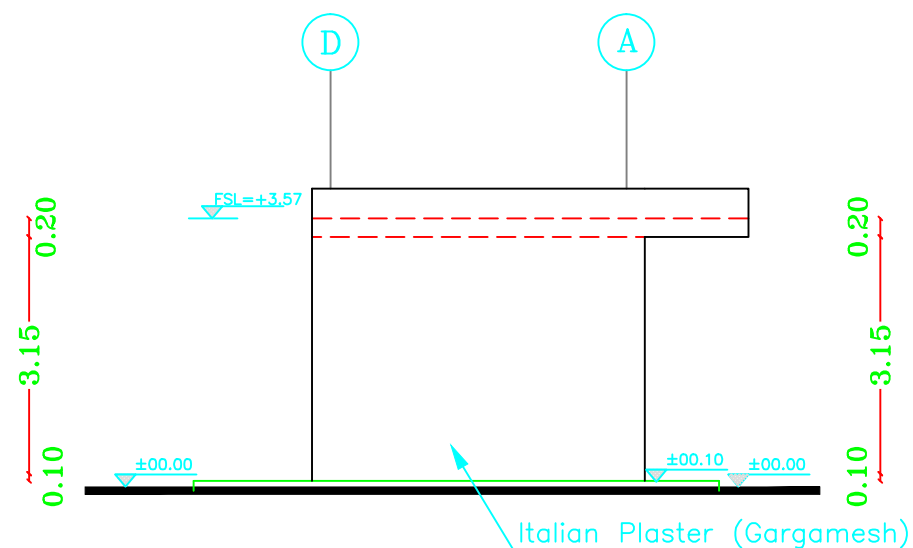
Canteen 01



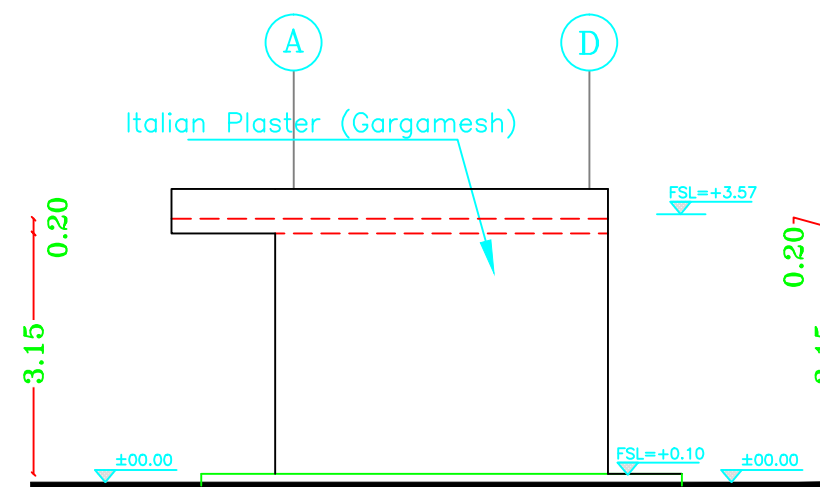
BACK ELEVATION (2)



FRONT ELEVATION (1)



SIDE ELEVATION (3)



SIDE ELEVATION (4)

SCALE 1:100

#### 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

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

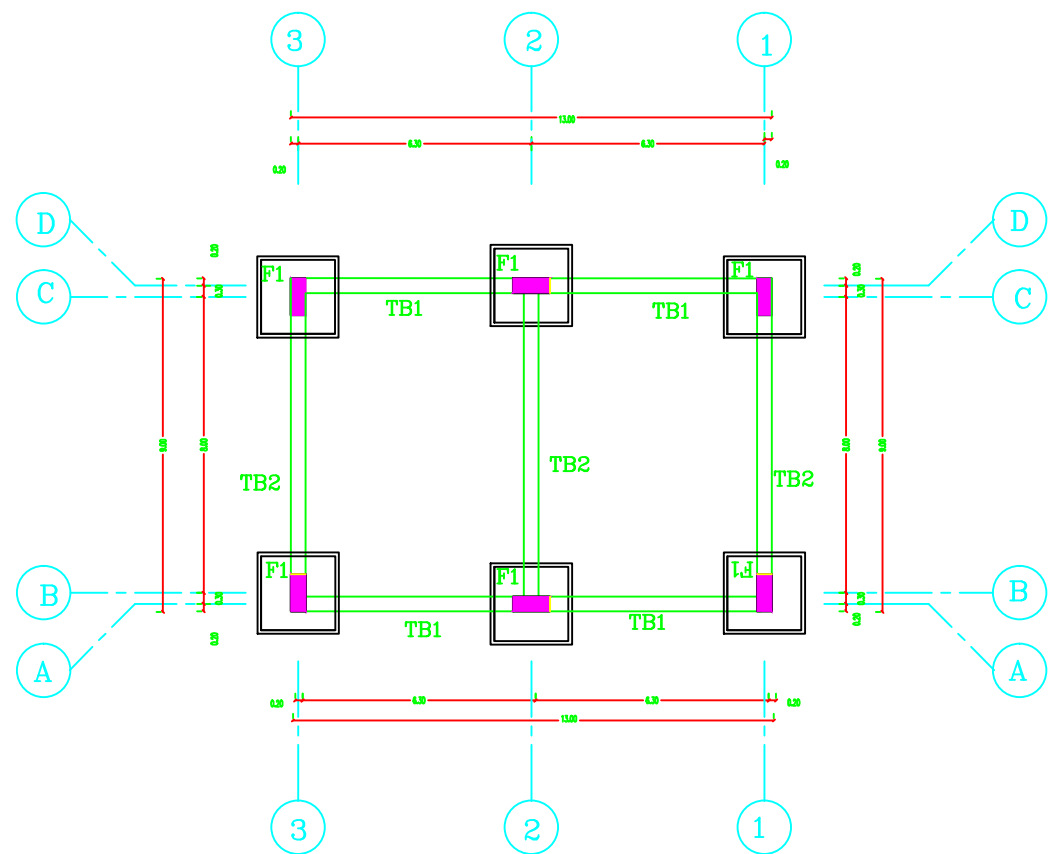
CANTEEN ELEVATIONS

Scale

Drawing No.

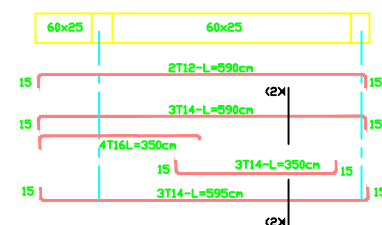
To Fit

Canteen 02

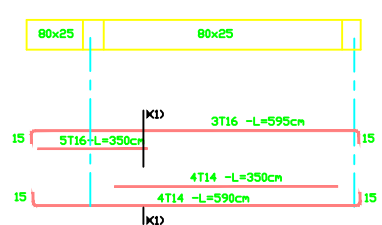


**FOOTING ARRANGEMENT PLAN**

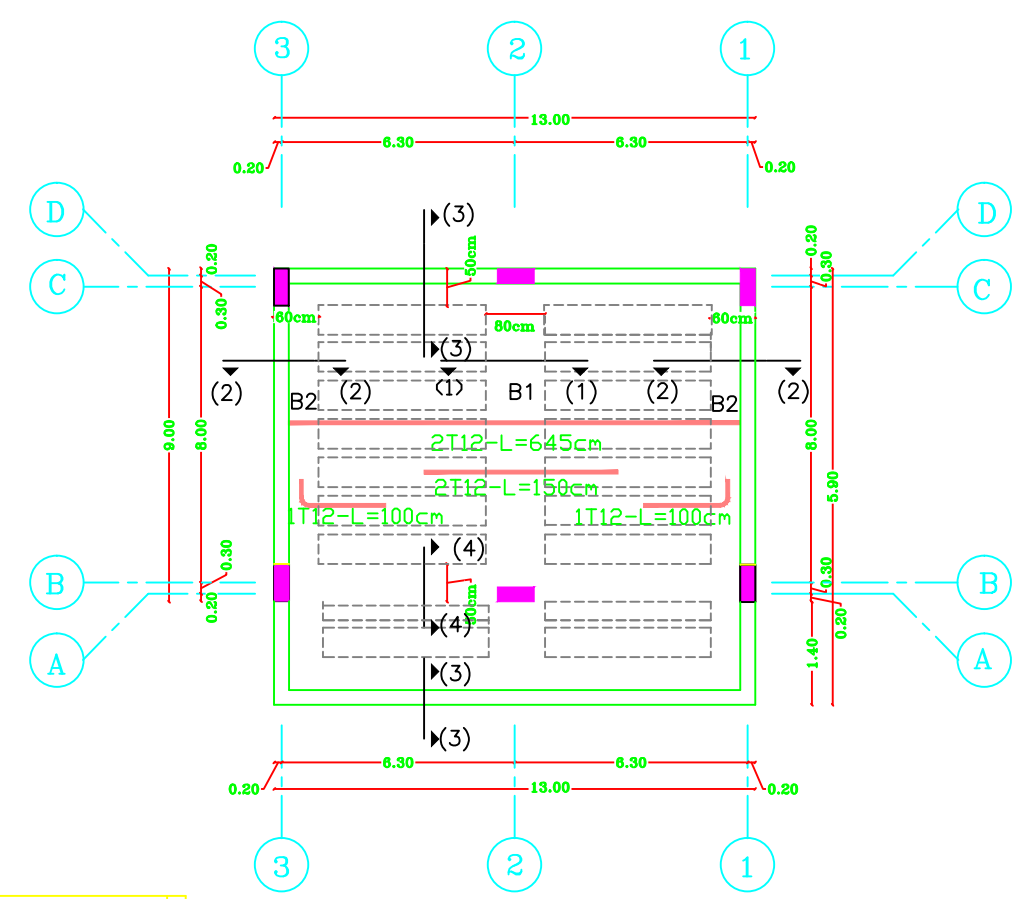
SCALE 1:100



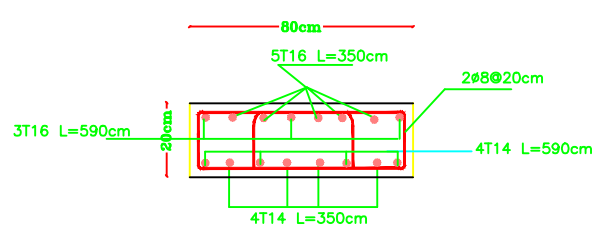
**(B2) DETAILS AT AXE(3-3),(1-1)**



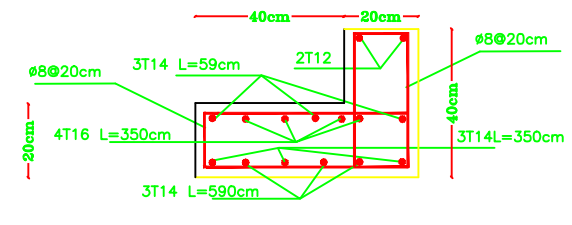
**(B1) DETAILS AT AXE(2-2)**



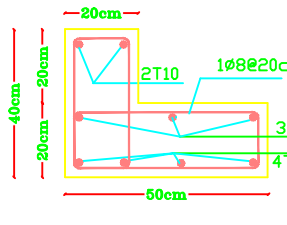
**ROOF SLAB PLAN**



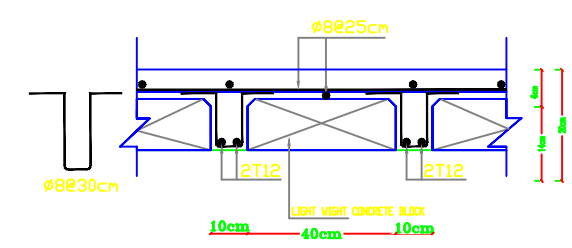
**SECTION (1-1) AT (B1)**



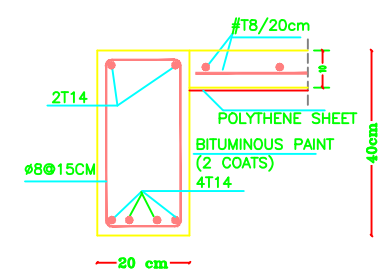
**SECTION (2-2) AT (B2)**



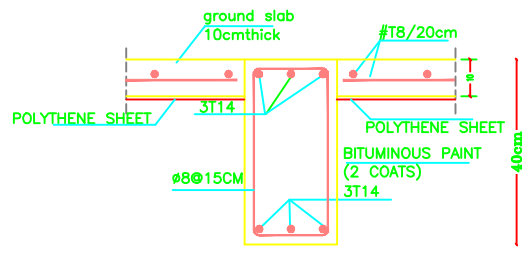
**SECTION(3-3)**



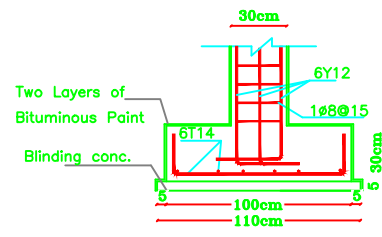
**TYPICAL DETAILS FOR RIB SECTION**



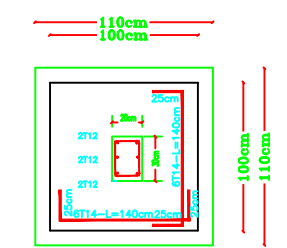
**SEC.(2-2) FOR (TB2)**



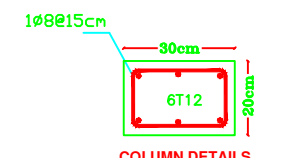
**SEC.(1-1) FOR (TB1)**



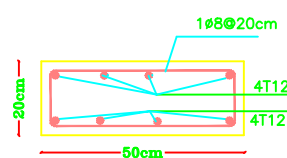
**DETAIL FOR FOOTING (F1)**



**TYPICAL F1 FOOTINGS**



**COLUMN DETAILS**



**SECTION(4-4)**

**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 UNTEL 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

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

**RIGHT TO EDUCATION**

School name

Khan Younis Secondary Girls School

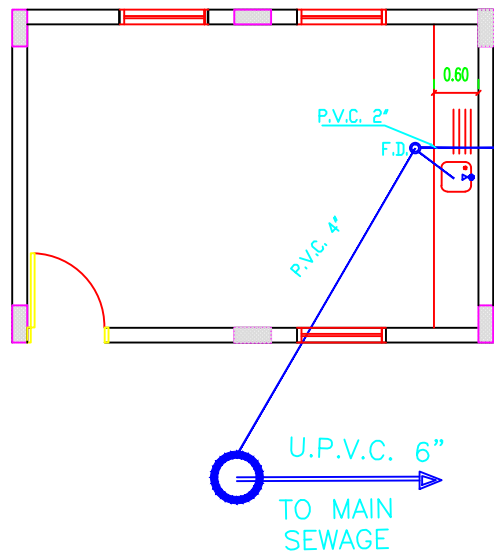
Drawing name

**CANTEEN CIVIL WORKS**

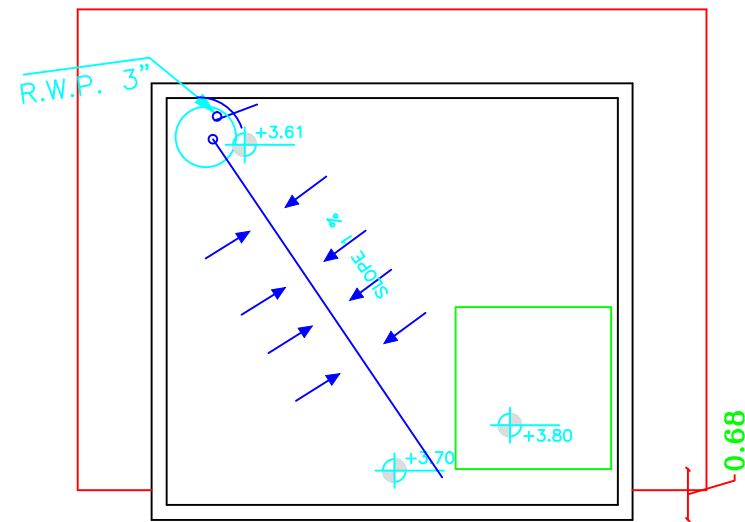
Scale  
To Fit

Drawing No.

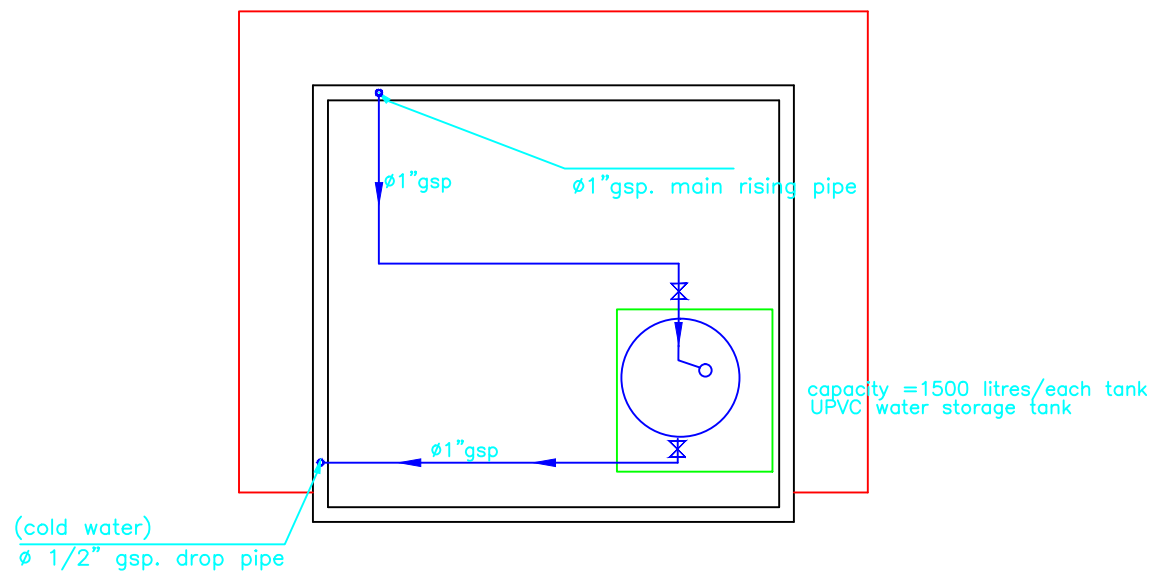
**Shed 03**



CANTEEN WATER & SANITARY PLAN  
SCALE 1:100



ROOFING SLOPE PLAN  
SCALE 1:100



CANTEEN ROOF WATER TANK  
SCALE 1:100

## 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

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Khan Younis Secondary Girls School

Drawing name

CANTEEN SANITRY & WATER NETWORKS

Scale  
To Fit

Drawing No.

Canteen 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	

## 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	

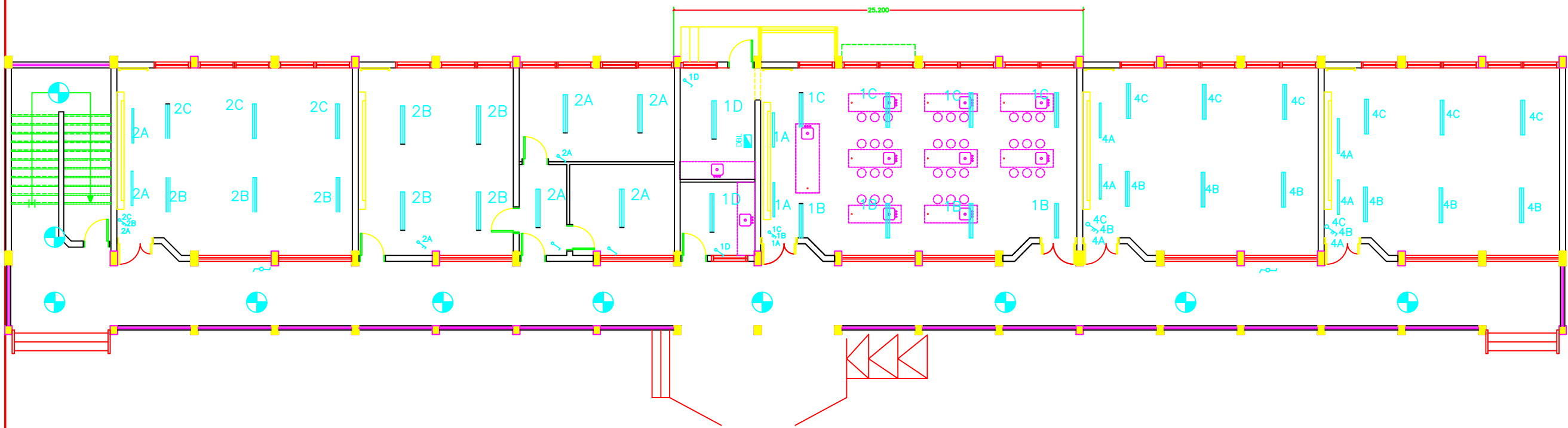
<p>PALESTINIAN NATIONAL AUTHORITY</p> 		
<p>DONATED BY:</p>  <p>EDUCATION ABOVE ALL Al Fakhoora Programme</p>		
<p>IMPLEMENTED BY:</p> 		
<p>PROJECT:-</p> <p>RIGHT TO EDUCATION KHANYOUNIS SECONDARY GIRLS SCHOOL</p>		
<p>Keys of Electricity</p>		
Symbol	Drawing No.:	Rev. No.
RES	E 01	R1



FOR TENDER ONLY

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

# GROUND LIGHTING PLAN



## NOTES

FOR TENDER ONLY

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 Fakhra Programme

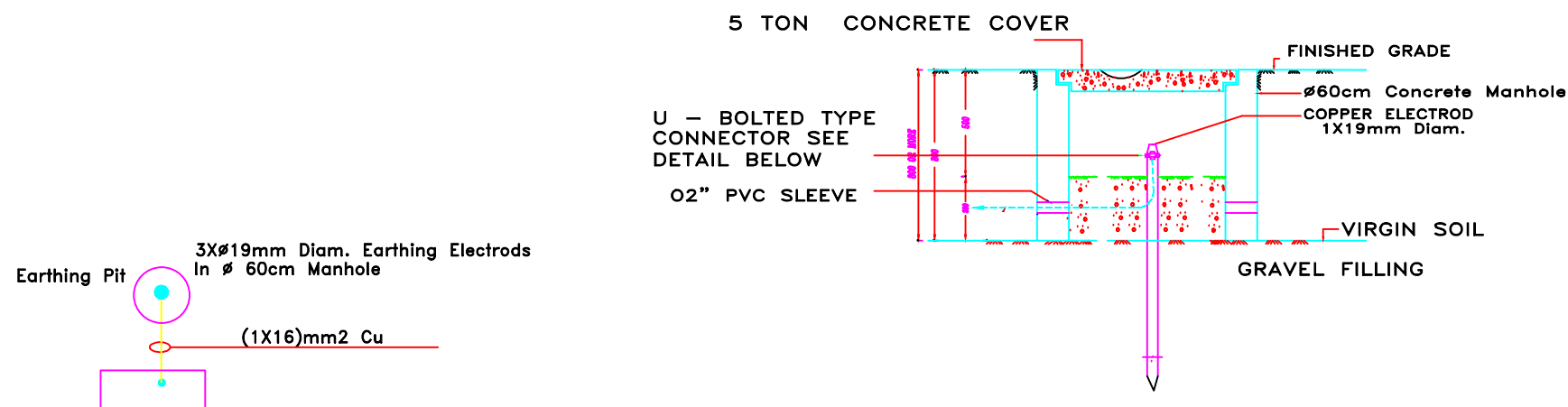
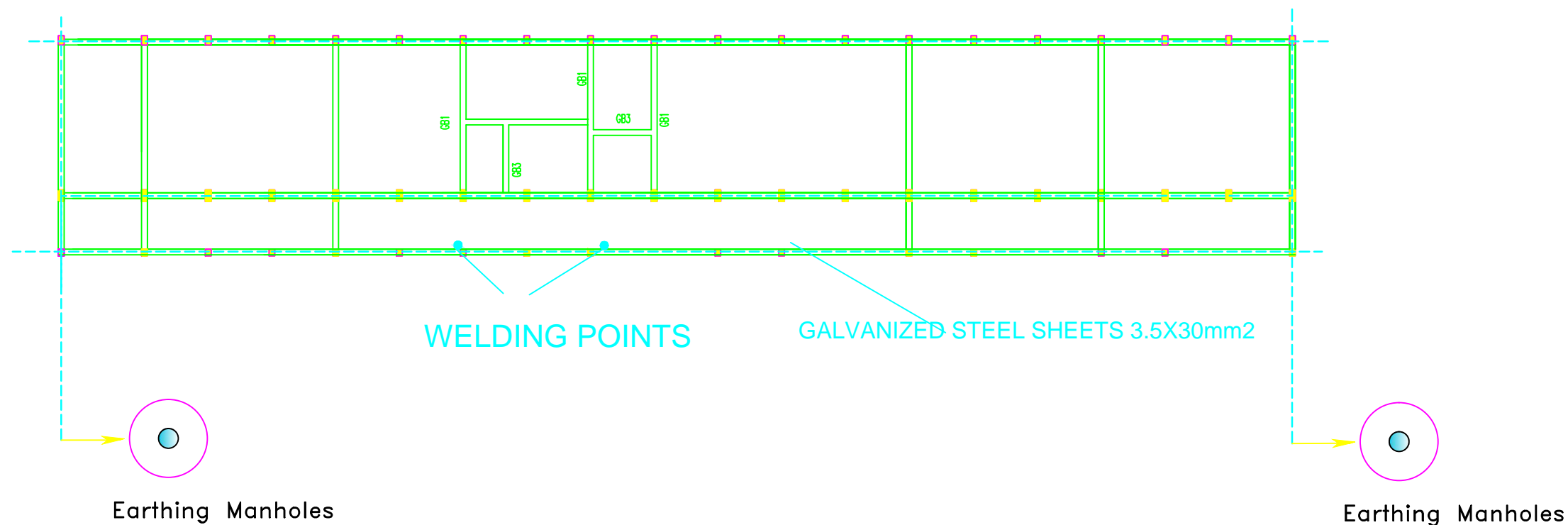
## IMPLEMENTED BY:



**PROJECT:-** RIGHT TO EDUCATION  
KHANYOUNIS SECONDARY GIRLS  
SCHOOL

**Drawing Name**  
LIGHTING PLAN

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



$R < 2 \text{ ohm}$

# EARTH PLAN GROUND BEAM

## NOTES

FOR TENDER ONLY

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 Fakhroo Programme

## IMPLEMENTED BY:



## PROJECT:-

RIGHT TO EDUCATION  
KHANYOUNIS SECONDARY GIRLS  
SCHOOL

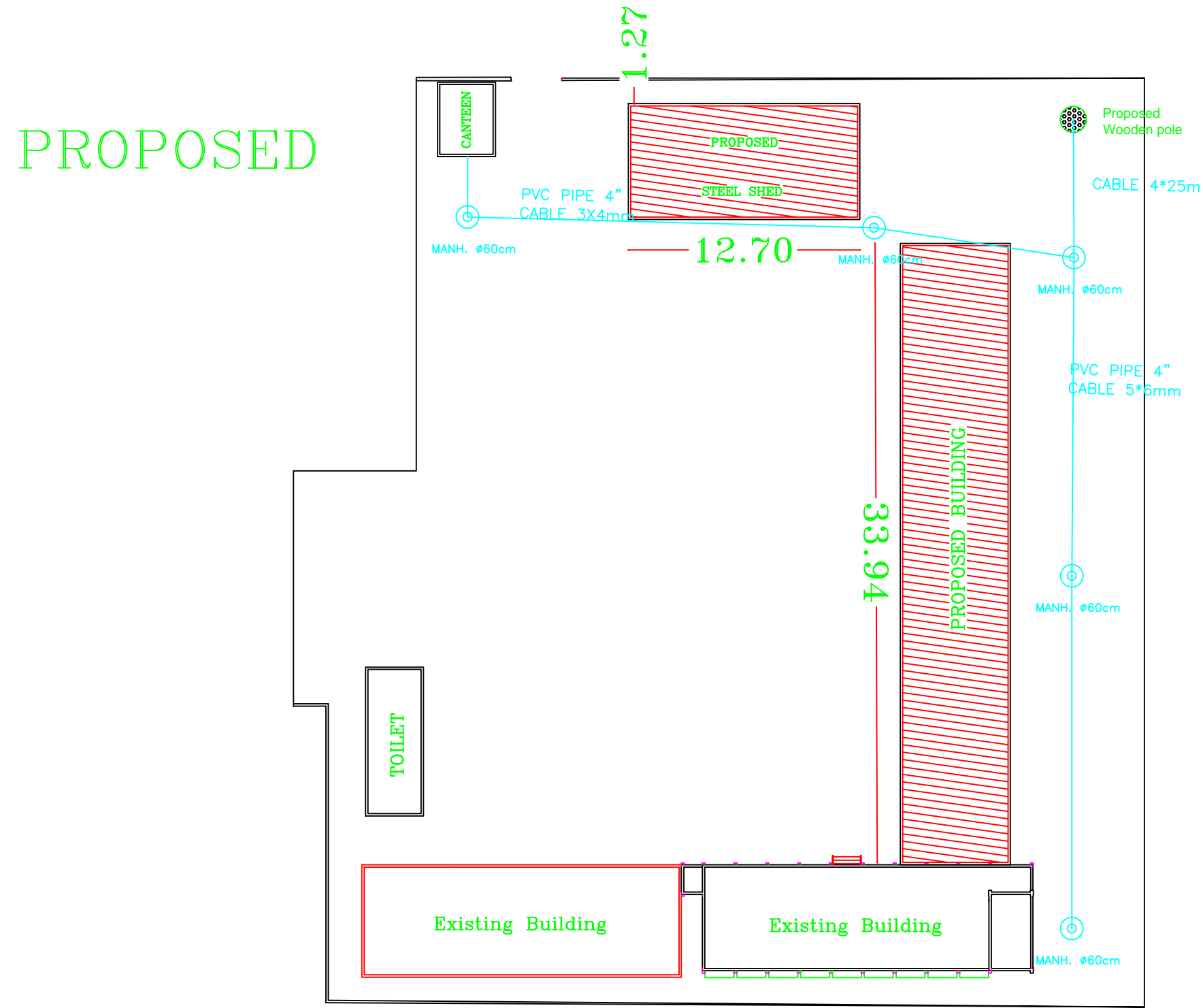
## Drawing Name

EARTHING

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

NOTES

GENERAL LAYOUT



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:

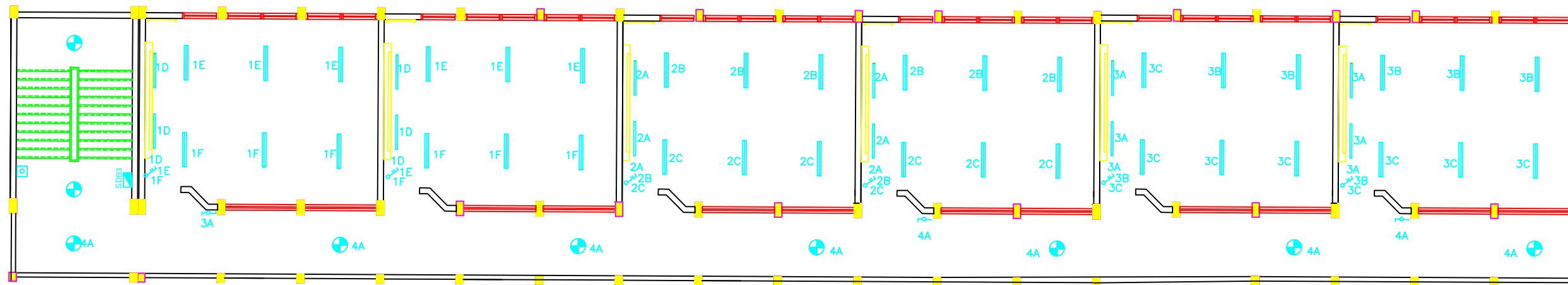
EDUCATION ABOVE ALL  
Al Fakhroa Programme

IMPLEMENTED BY:

PROJECT:-  
RIGHT TO EDUCATION  
KHANYOUNIS SECONDARY GIRLS  
SCHOOL

GROUND FLOOR PLAN CABLE ROUTING

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



FIRST & 2nd FLOOR LIGHTING PLAN

NOTES

FOR TENDER ONLY

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 Fakhroo Programme

IMPLEMENTED BY:

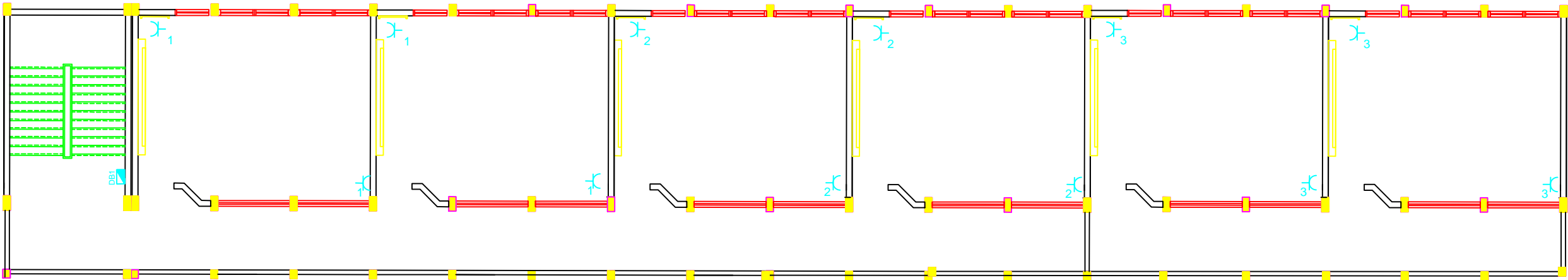
PROJECT:-

RIGHT TO EDUCATION  
KHANYOUNIS SECONDARY GIRLS  
SCHOOL

Drawing Name

LIGHTING PLAN

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



FIRST & 2nd FLOOR POWER SOCKET PLAN

NOTES

FOR TENDER ONLY

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 Fakhroo Programme

IMPLEMENTED BY:

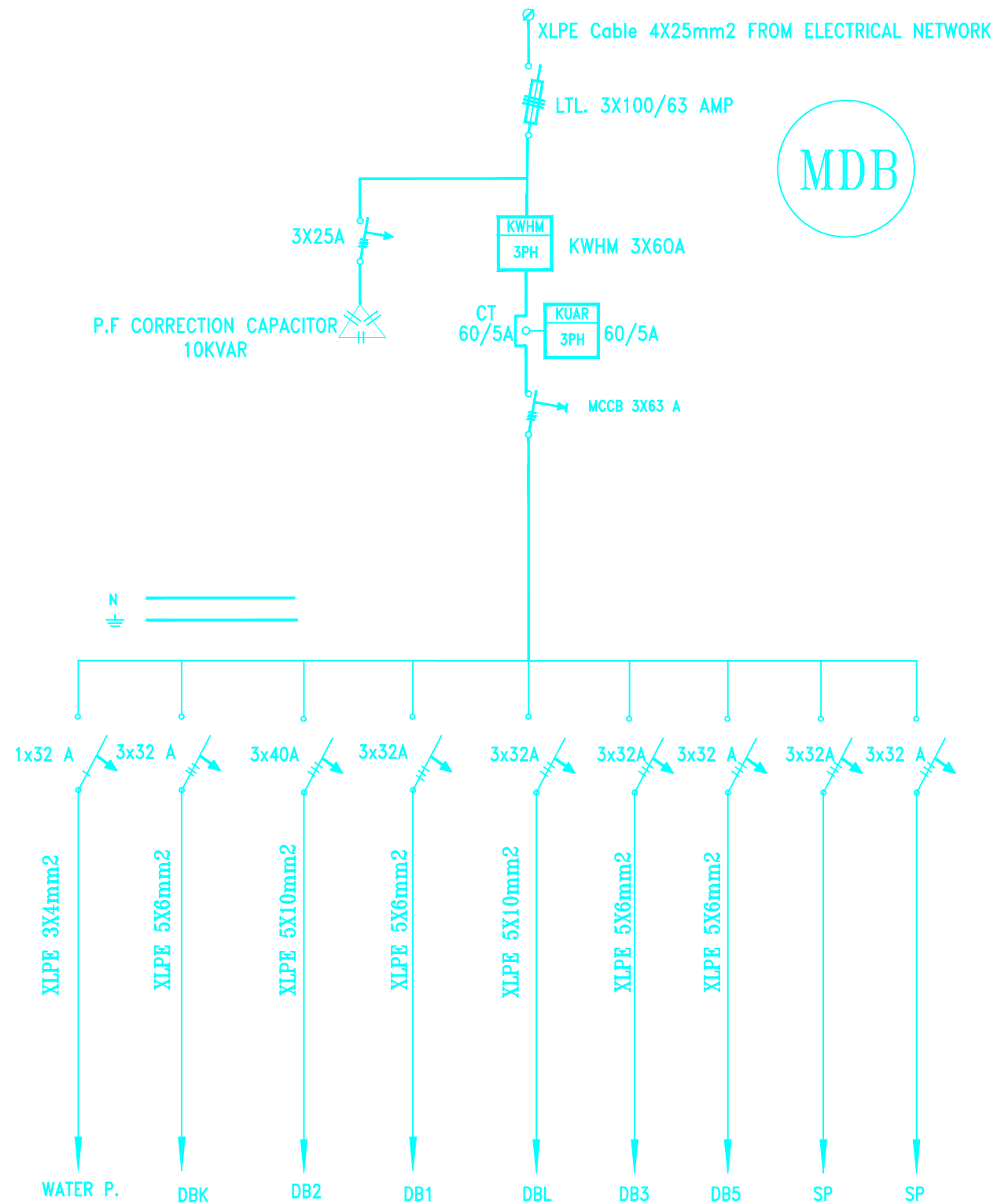
PROJECT:-

RIGHT TO EDUCATION  
KHANYOUNIS SECONDARY GIRLS  
SCHOOL

Drawing Name

LIGHTING PLAN

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



(MDB) SINGLE LINE DIAGRAM

NOTES

FOR TENDER ONLY

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 Fakhroo Programme

IMPLEMENTED BY:

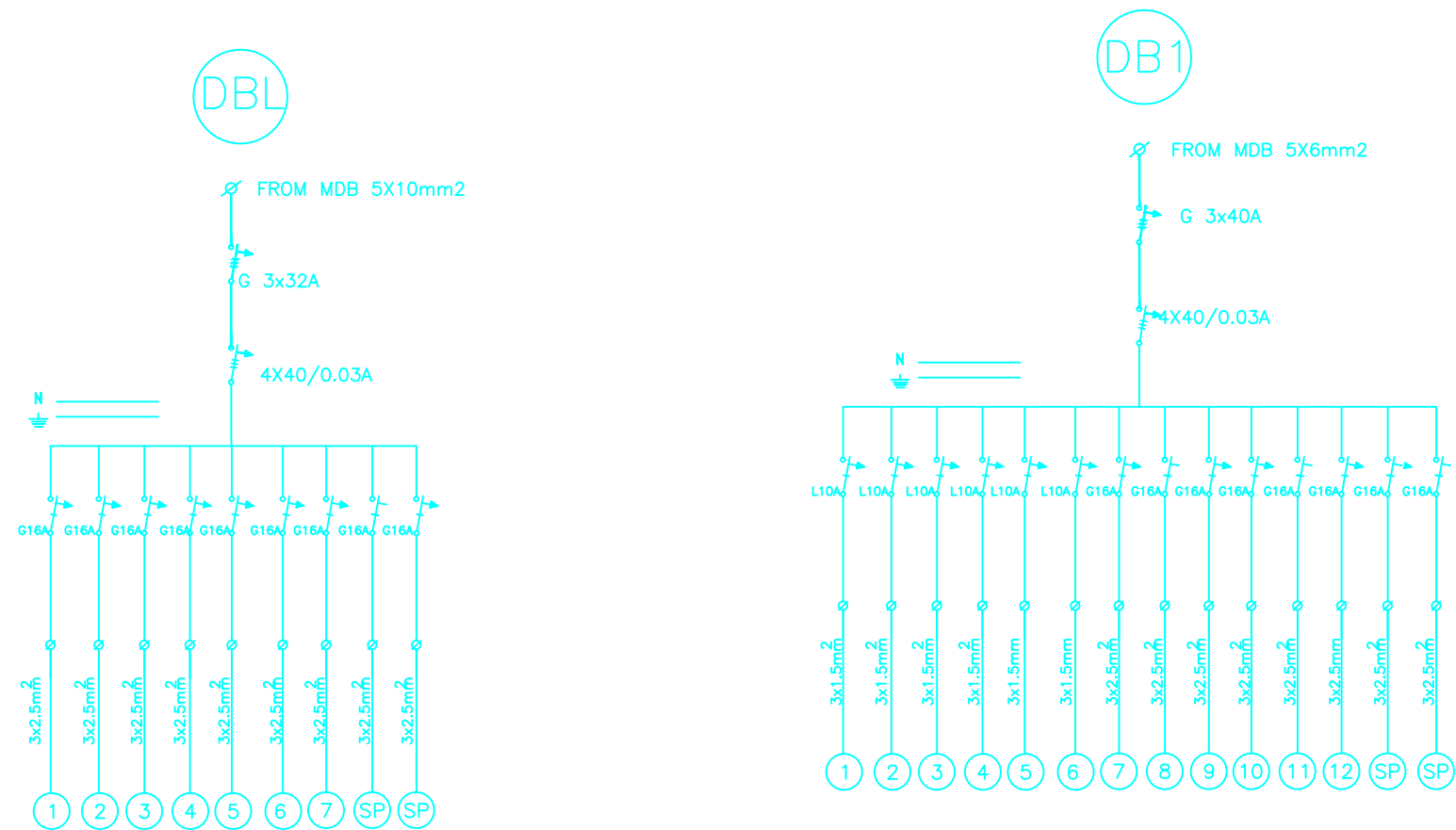


**PROJECT:-** RIGHT TO EDUCATION  
KHANYOUNIS SECONDARY GIRLS  
SCHOOL

**Drawing Name**  
MDB SINGLE LINE DIAGRAM

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





(SDB1, DBL) SINGLE LINE DIAGRAM

NOTES

FOR TENDER ONLY

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:



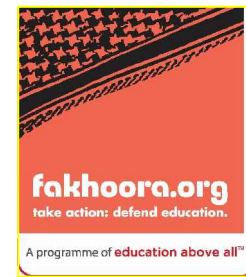
**PROJECT:-**  
RIGHT TO EDUCATION  
KHANYOUNIS SECONDARY GIRLS  
SCHOOL

**Drawing Name**  
SDB SINGLE LINE DIAGRAM

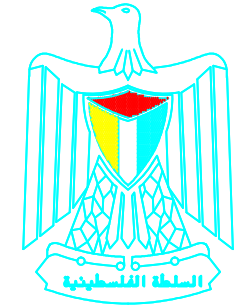
Symbol	Drawing No.:	Rev. No.
RES	E 09	R1



United Nations Development Programme  
Programme of Assistance the Palestinian People



EDUCATION ABOVE ALL  
Al Fakhoora Programme



PALESTINIAN NATIONAL AUTHORITY

Project Name

# RIGHT TO EDUCATION

School name

## SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

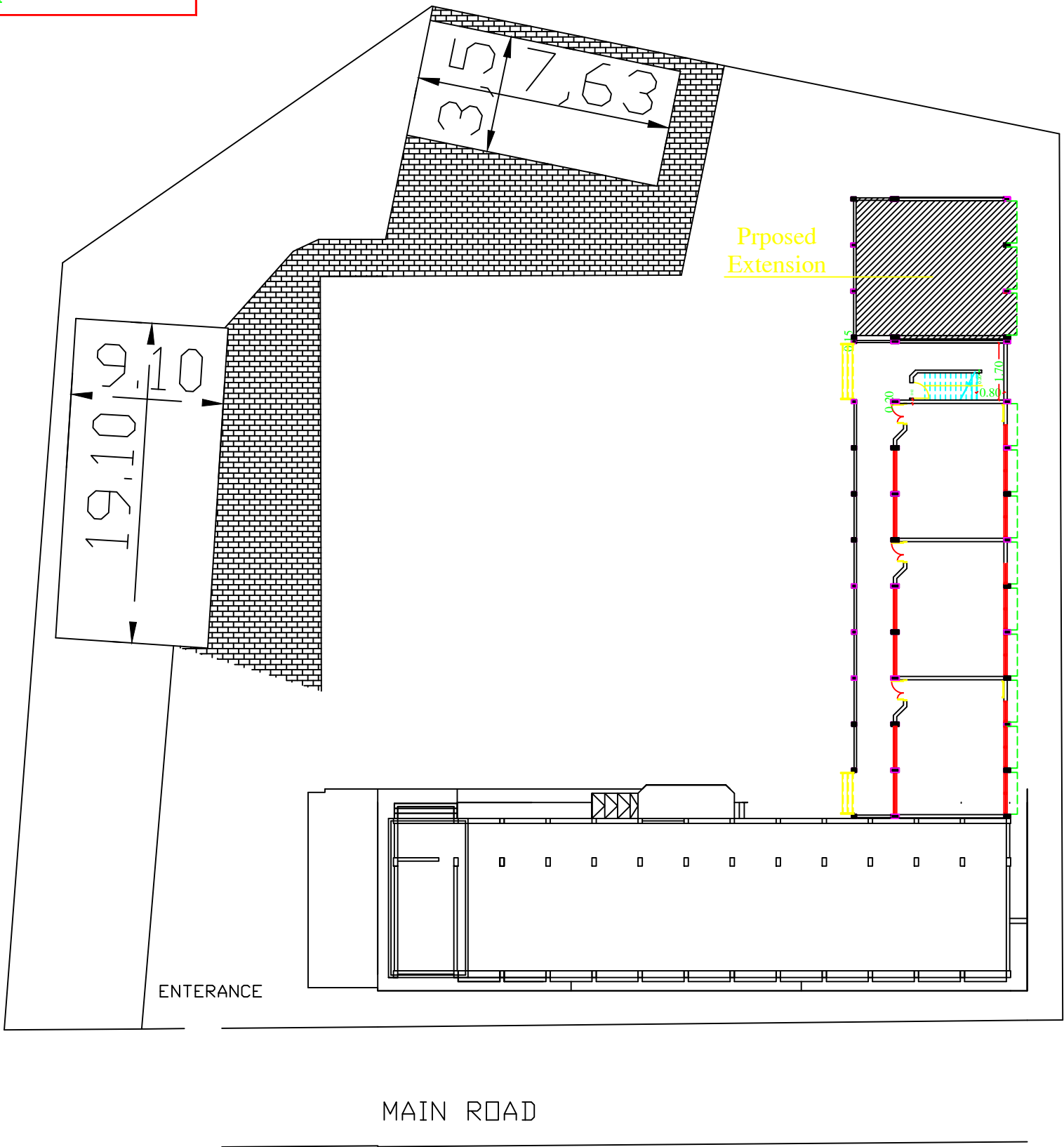
March 2015

# Architectural Drawings

SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOLS

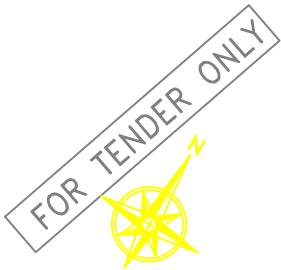
Proposed Intervention

1. Construction of 3floors new biulding (Extension)
2. Construction of electrical room



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.
- CI-ROUGH CONCRETE FINISH



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
AI Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

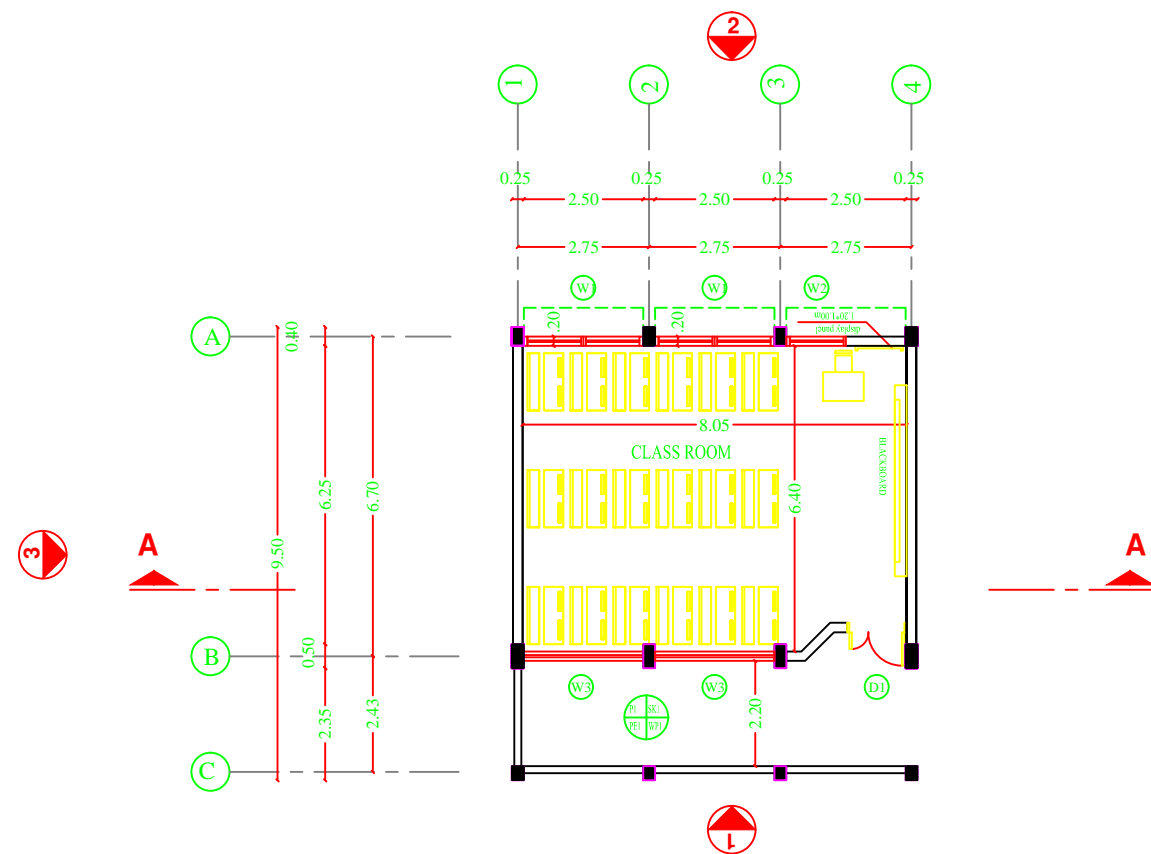
School name

SHOHADA' BANI SOHYLA SECONDARY  
GIRLS SCHOOL

Drawing name

SITE LAY OUT

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



Ground, 1st & 2nd Floors

DOORS TABLE :

TYPE	DIM	NO.	NOTES
D1	1.25 x 2.20	2	
D2	0.90 x 2.20	-	
DS1	1.25 x 2.20	-	
DS2	0.90 x 2.10	-	
DS3	1.00 x 2.20	-	

WINDOWS TABLE :

TYPE	DIM	WINDOWS CELLS HIGH	NO.
W1	2.50 x 1.20	1.10	
W2	1.25 x 1.20	1.10	
W3	2.50 x 0.80	1.60	

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.
- CI-ROUGH CONCRETE FINISH

FOR TENDER ONLY

PALESTINIAN NATIONAL AUTHORITY

DONATED BY

EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY

United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

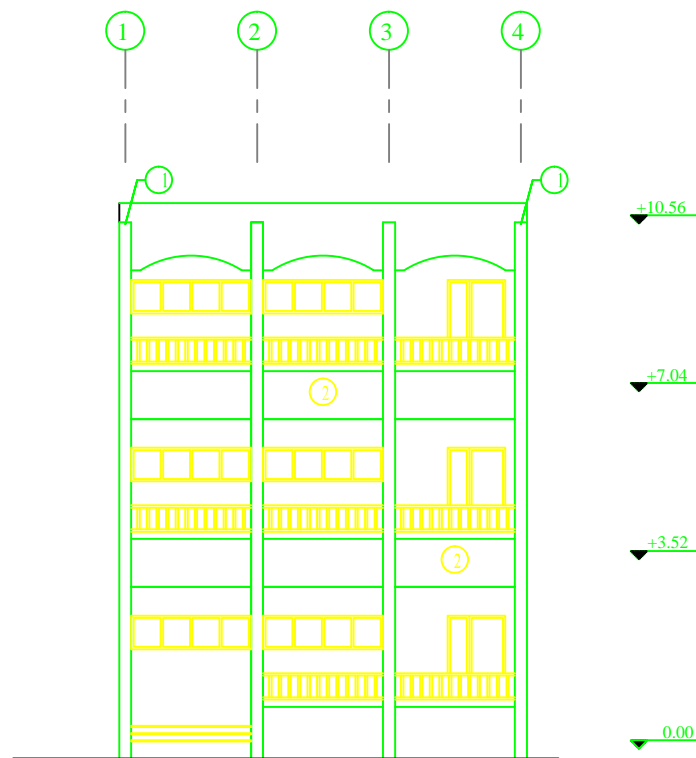
School name

SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

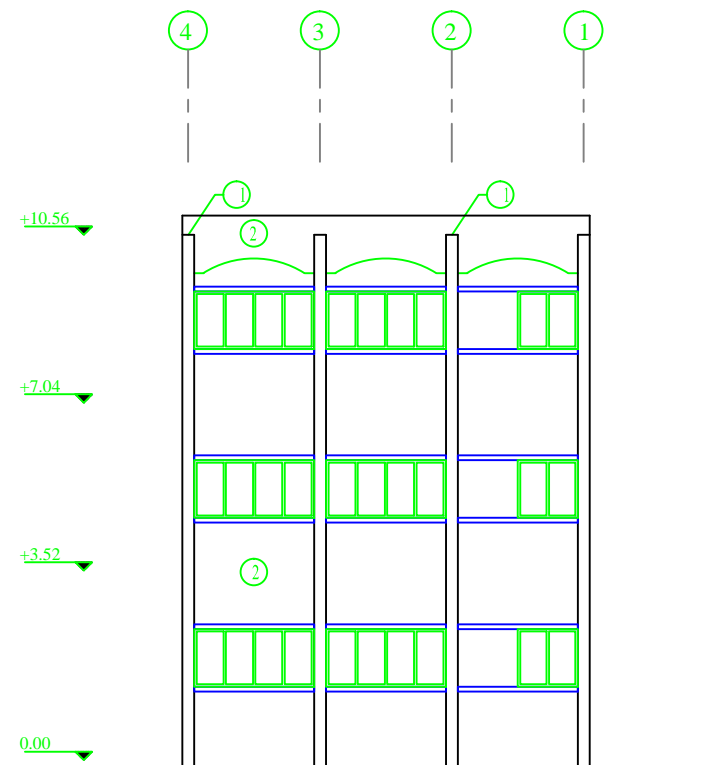
Drawing name

GROUND,FIRST AND SECOND FLOOR

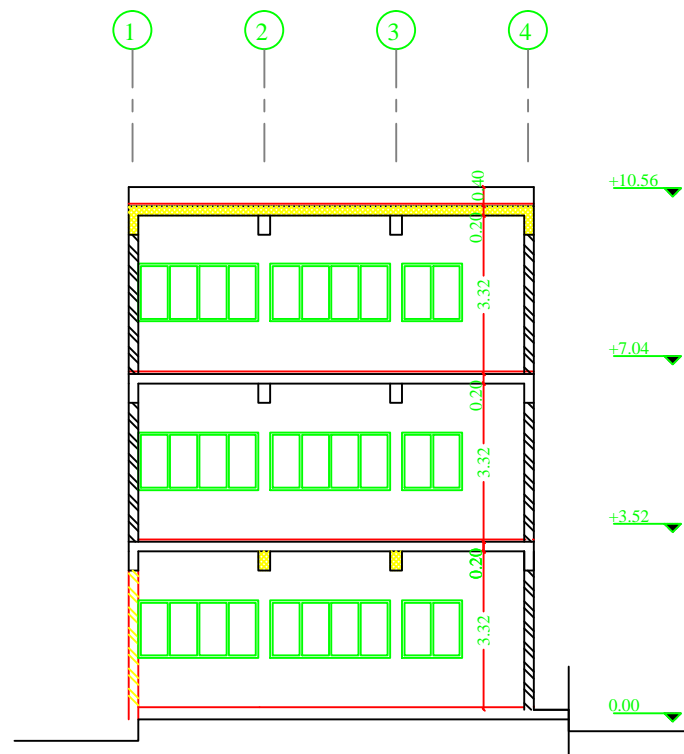
Symbol	Drawing No.	Rev. No.
RES	A 01	R1



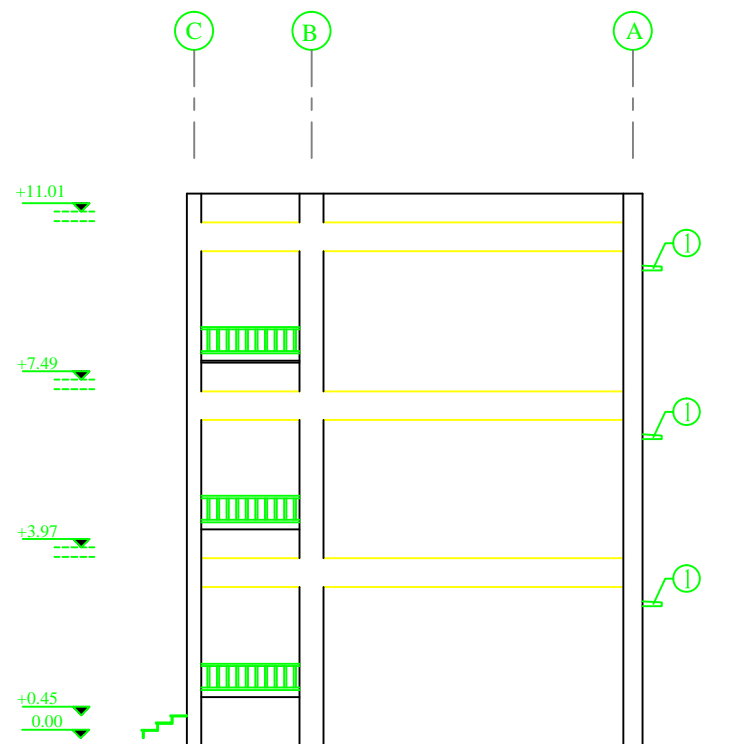
ELEVATION 1



ELEVATION 2



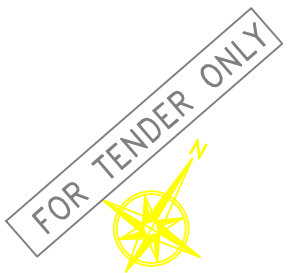
SECTION A - A



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



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

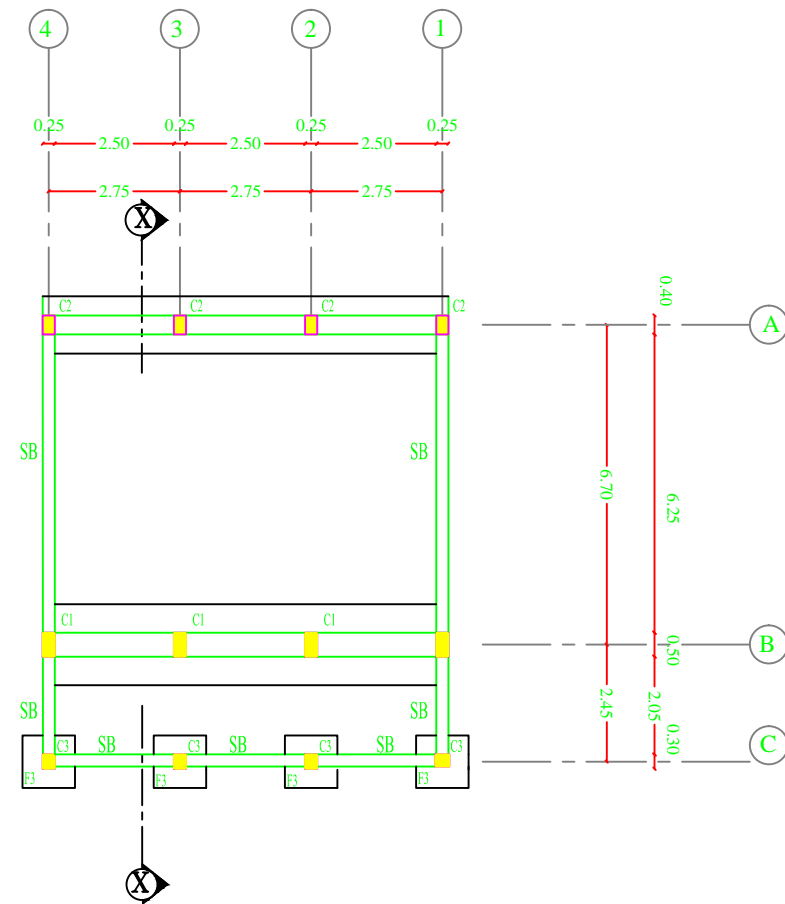
SHOHADA' BANI SOHYLA SECONDARY  
GIRLS SCHOOL

Drawing name

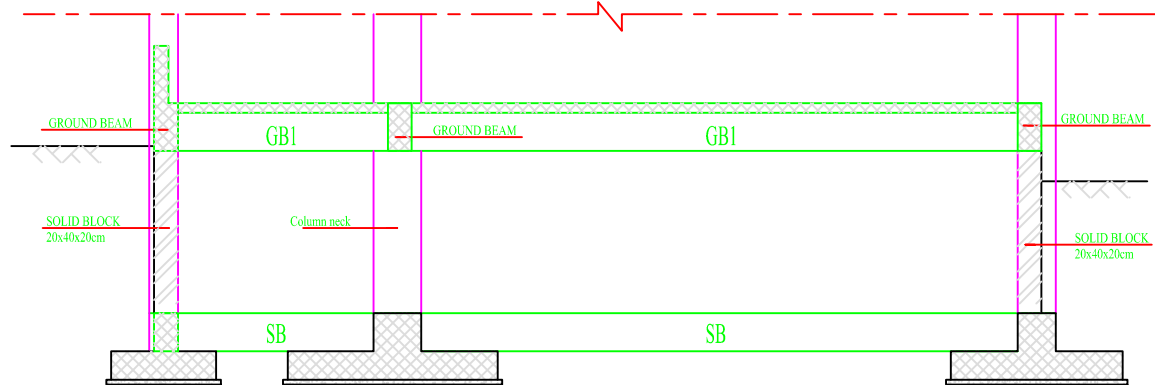
SECTIONS AND ELEVATIONS

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

# Structural Drawings



FOUNDATION PLAN



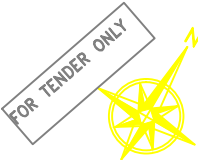
SECTION X - X

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 N.G.L. ( 1m SHOULD BE REBACK FILL OF COMPACTED KURKAR .
- ALL CONOCRETE 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 THE CONCRETE UP THE PLINTH LEVEL MUST BE COATED WITH TWO COATS OF HOT BITUMIN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERED AND COMPACTD)
- N.G.L WILL BE FIXED BY THE ENGINEER.
- CONCRETE CUBE CRUSHING STRENGTH AFTER 28 DAYS  
B = 25N/MM2 . FOR BEAMS & SLABS  
B = 30N/MM2 . FOR COLUMNS
- RIBBED HIGH YIELD STEEL FY=410N/MM2
- MILD YIELD STEEL FY=250N/MM2
- 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



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



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

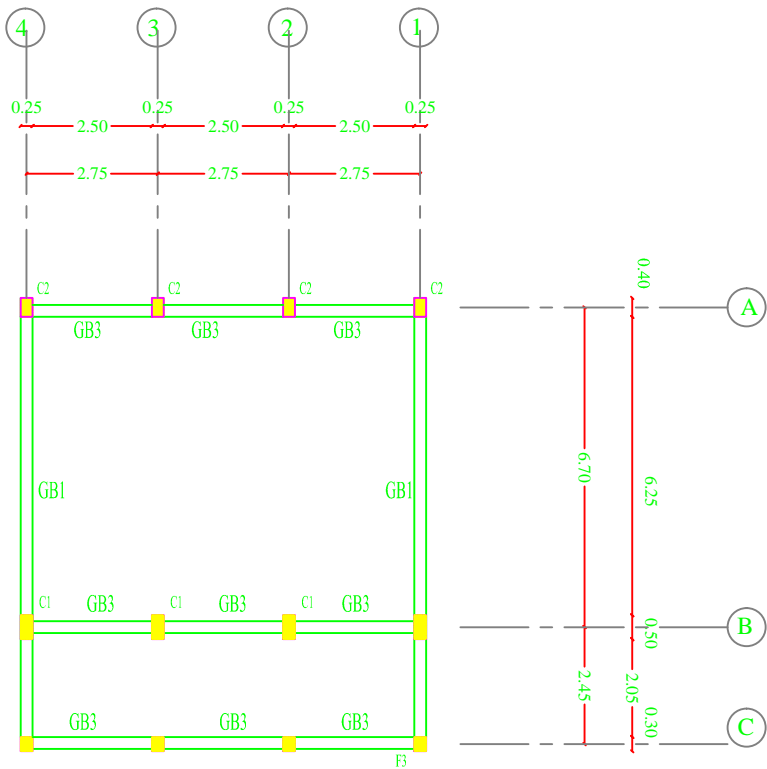
SHOHADA' BANI SOHYLA SECONDARY  
GIRLS SCHOOL

Drawing name

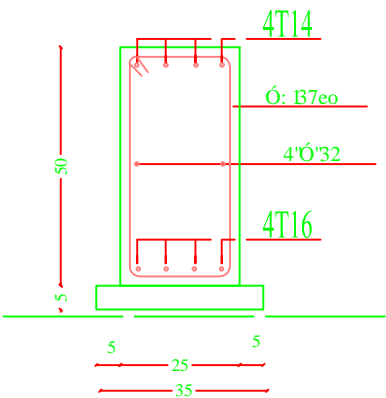
FOUNDATION PLAN

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



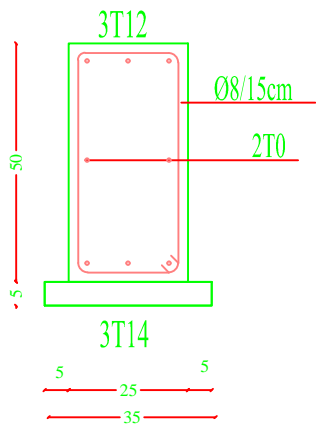


GROUND BEAM PLAN



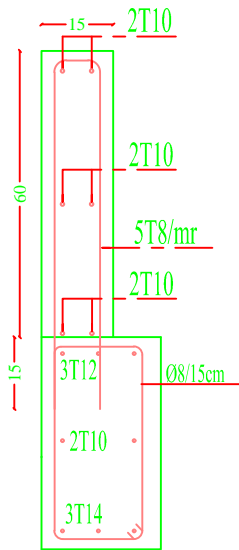
GB1

SCALE 1 : 10

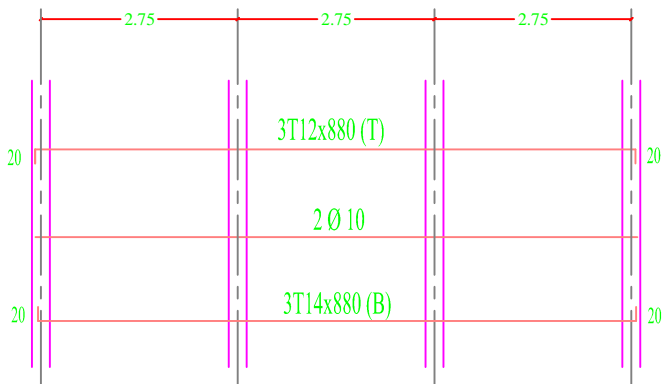


GB3

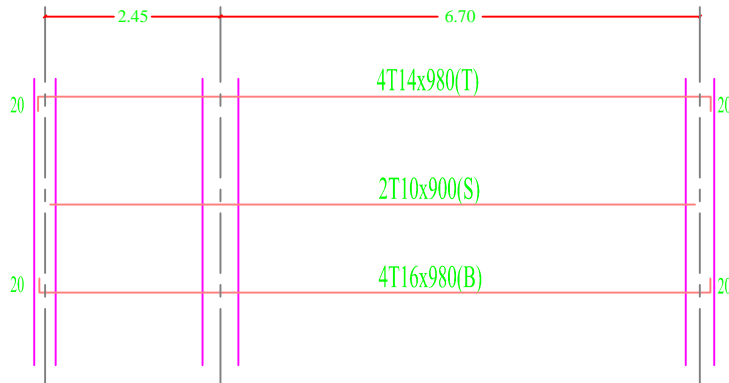
SCALE 1 : 10



WALL PARAPET AT GROUND FLOOR CORRIDORS



GB3



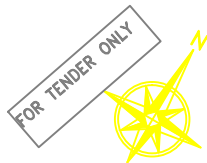
GB1

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 N.G.L. (1m SHOULD BE REBACK FILL OF COMPACTED KURKAR).
- 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 THE CONCRETE UP THE PLINTH LEVEL MUST BE COATED WITH TWO COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERED AND COMPACTD).
- N.G.L WILL BE FIXED BY THE ENGINEER.
- CONCRETE CUBE CRUSHING STRENGTH AFTER 28 DAYS
  - B = 25N/MM2 FOR BEAMS & SLABS
  - B = 30N/MM2 FOR COLUMNS
- RIBBED HIGH YIELD STEEL FY=410N/MM2
- MILD YIELD STEEL FY=250N/MM2
- FOUNDATION WAS DESIGNED TO HAVE GROUND FLOOR, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD RADIUS OF BENDS 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)
	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



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

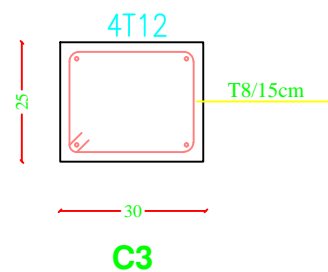
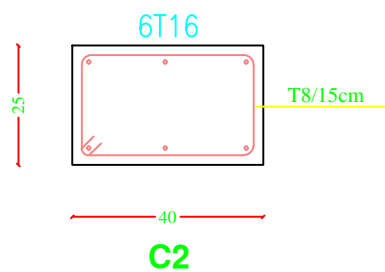
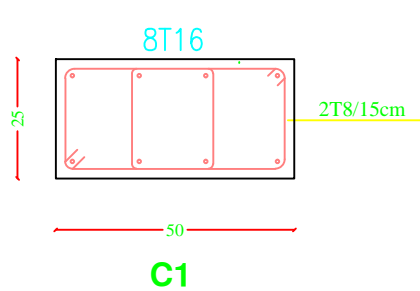
School name

SHOHADA' BANI SOHYLA SECONDARY  
GIRLS SCHOOL

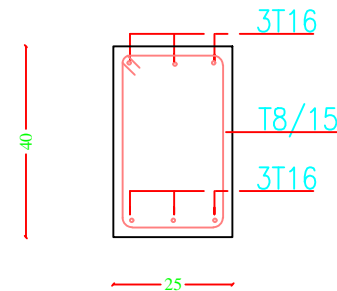
Drawing name

GROUND BEAMS

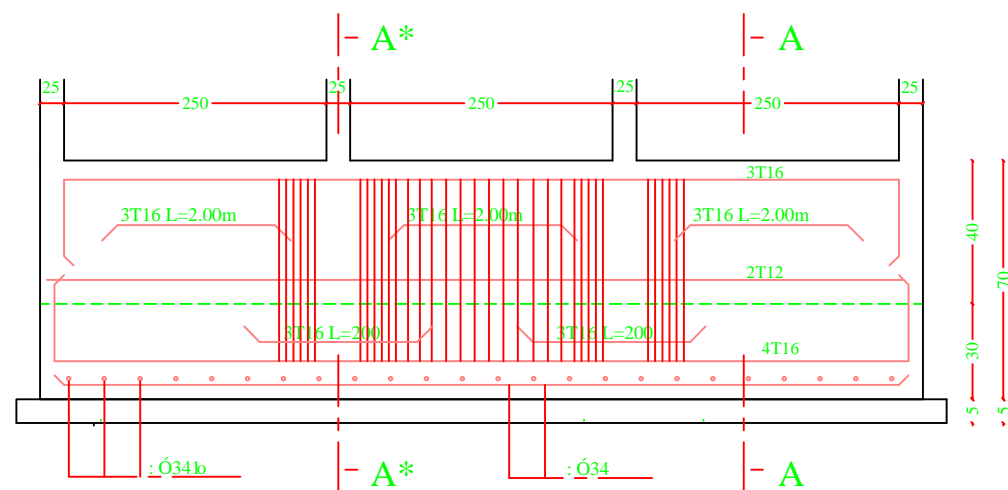
Symbol	Drawing No.	Rev. No.
RES	S 02	R1



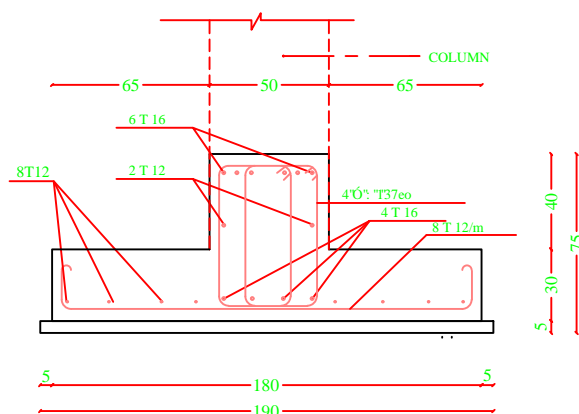
**COLUMNS DETAIL**  
SCALE 1 : 10



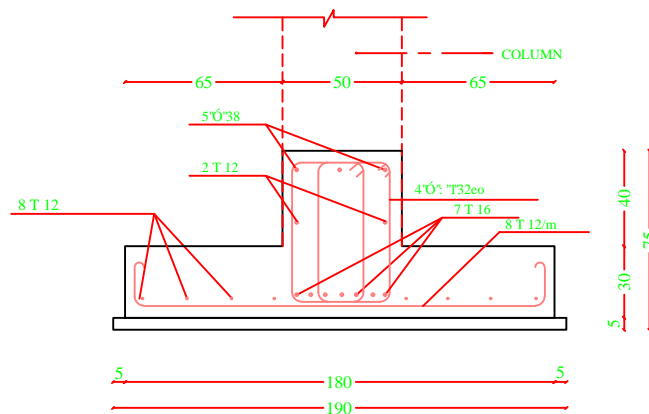
**STRAB BEAM SB DETAIL**  
SCALE 1 : 10



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



**INVERTED T SECTION A - A (F1)**  
SCALE 1 : 20



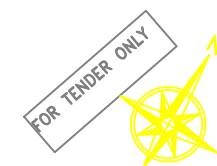
**INVERTED T SECTION A\* - A\* (F1)**  
SCALE 1 : 20

## NOTES:

- DESIGN BEARING CAPACITY IS 1.25 KG/CM<sup>2</sup>. THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION.
- EXCAVATION LEVEL SHOULD BE (-2.50) FROM THE LOWEST POINT FROM N.G.L. (1m) SHOULD BE REBACK FILL OF COMPACTED KURKAR.
- 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 THE CONCRETE UP THE PLINTH LEVEL MUST BE COATED WITH TWO COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERED AND COMPACTD).
- N.G.L WILL BE FIXED BY THE ENGINEER.
- CONCRETE CUBE CRUSHING STRENGTH AFTER 28 DAYS
  - B = 25N/MM<sup>2</sup> FOR BEAMS & SLABS
  - B = 30N/MM<sup>2</sup> FOR COLUMNS
- RIBBED HIGH YIELD STEEL FY=410N/MM<sup>2</sup>
- MILD YIELD STEEL FY=250N/MM<sup>2</sup>
- FOUNDATION WAS DESIGNED TO HAVE GROUND FLOOR, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD RADIUS OF BENDS 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)
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



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

**RIGHT TO EDUCATION**

School name

**SHOHADA' BANI SOHYLA SECONDARY  
GIRLS SCHOOL**

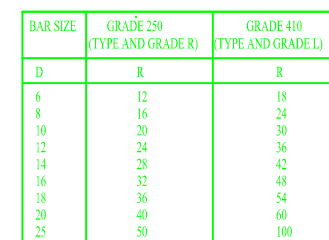
Drawing name

**FOUNDATIONS AND COLUMN DETAILS**

Symbol	Drawing No.	Rev. No.
RES	S 03	<b>R1</b>



- DESIGN BEARING CAPACITY IS 12.5 KG/CM2  
THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION  
TO ENSURE THIS ASSUMPTION.
- EXCAVATION LEVEL SHOULD BE (-2.50) FROM THE  
LOWEST POINT FROM N.G.L. (1m SHOULD BE REBACK  
FILL OF COMPACTED CURKUL.
- 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 THE CONCRETE UP THE PLINTH LEVEL MUST BE  
COATED WITH TWO COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM  
THICK EACH LAYER (WATERED AND COMPACTED)
- N.G.L WILL BE FIXED BY THE ENGINEER
- CONCRETE CUBE CRUSHING STRENGTH AFTER 28 DAYS
  - B = 25NM<sup>2</sup>/MM<sup>2</sup> FOR BEAMS & SLABS
  - B = 30NM<sup>2</sup>/MM<sup>2</sup> FOR COLUMNS
- RIBBED HIGH YIELD STEEL FY=410NM<sup>2</sup>/MM<sup>2</sup>
- MILD YIELD STEEL FY=250NM<sup>2</sup>/MM<sup>2</sup>
- FOUNDATION WAS DESIGNED TO HAVE GROUND FLOOR,  
FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD RADI OF BENDS AND HOOKS AS GIVEN  
BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE



PALESTINIAN NATIONAL AUTHORITY



EDUCATION ABOVE ALL  
Al Fakhoora Programme



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

## RIGHT TO EDUCATION

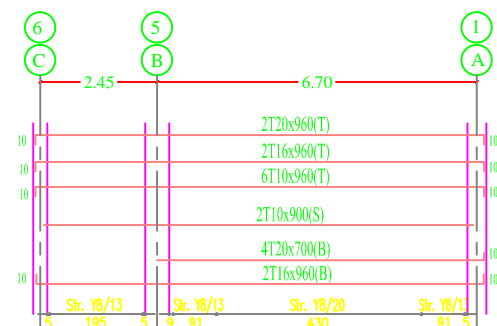
School name

SHOHADA' BANI SOHYLA SECONDARY  
GIRLS SCHOOL

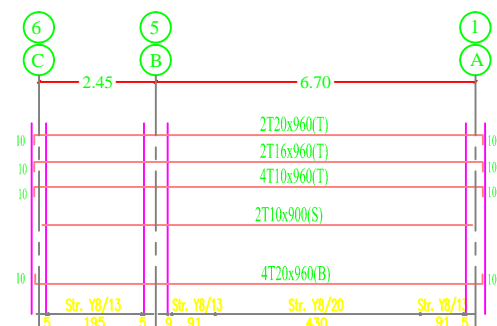
Drawing name

## FOUNDATIONS AND COLUMN DETAILS

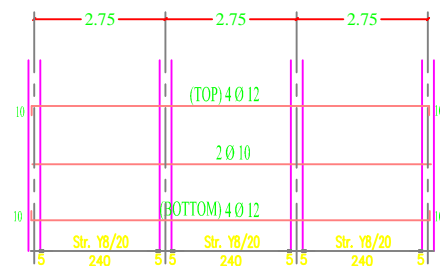
Symbol	Drawing No.	Rev. No.
RES	S 04	R1



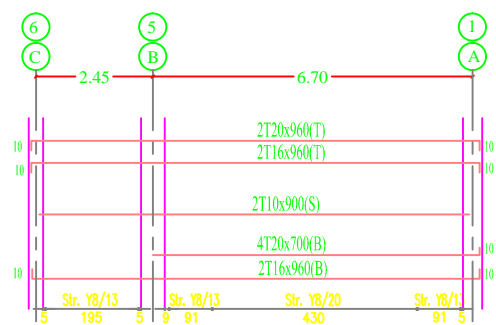
B1



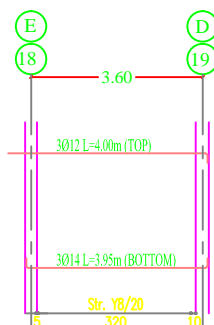
B2



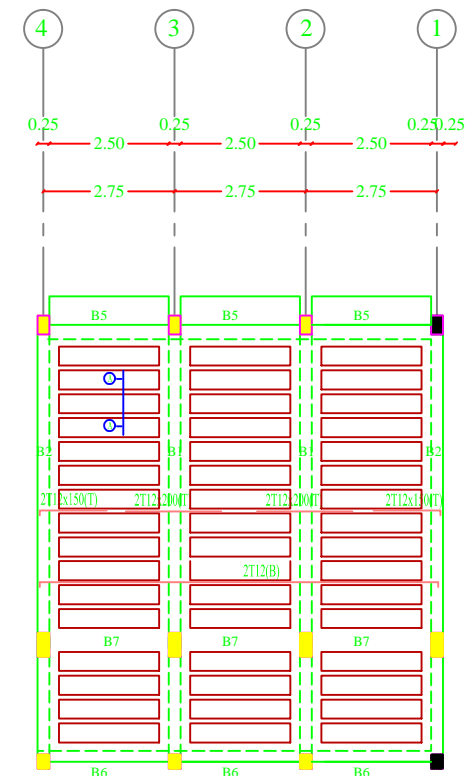
B7



B3



B4



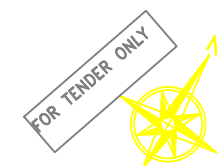
TYPICAL SLAB

## NOTES:

- DESIGN BEARING CAPACITY IS 1.25 KG/CM<sup>2</sup>. THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION.
- EXCAVATION LEVEL SHOULD BE (-2.50) FROM THE LOWEST POINT FROM N.G.L. (1m SHOULD BE REBACK FILL OF COMPACTED KURKAR).
- 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 THE CONCRETE UP THE PLINTH LEVEL MUST BE COATED WITH TWO COATS OF HOT BITUMIN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERED AND COMPACTD).
- N.G.L WILL BE FIXED BY THE ENGINEER.
- CONCRETE CUBE CRUSHING STRENGTH AFTER 28 DAYS
  - B = 25N/MM<sup>2</sup> FOR BEAMS & SLABS
  - B = 30N/MM<sup>2</sup> FOR COLUMNS
- RIBBED HIGH YIELD STEEL FY=410N/MM<sup>2</sup>
- MILD YIELD STEEL FY=250N/MM<sup>2</sup>
- FOUNDATION WAS DESIGNED TO HAVE GROUND FLOOR, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD RADI OF BENDS 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)
	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



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
AI Fakhora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

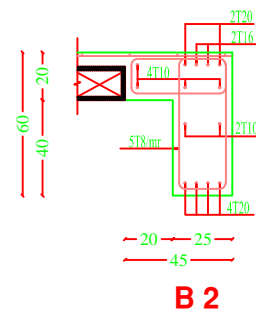
School name

SHOHADA' BANI SOHYLA SECONDARY  
GIRLS SCHOOL

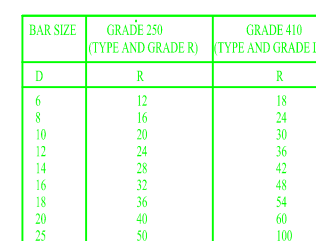
Drawing name

TYPICAL SLAB

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



- 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 EXISTING POINT FROM F.G.L (1m) SHOULD BE REBACK FILL OF COMPACTED SURKUD.
- 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 THE CONCRETE UP THE PLINTH LEVEL MUST BE COATED WITH TWO COATS OF HOT BITUMEN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERED AND COMPACTED)
- N.G.L WILL BE FIXED BY THE ENGINEER
- CONCRETE CUBE CRUSHING STRENGTH AFTER 28 DAYS
  - B = 25N/MM<sup>2</sup> FOR BEAMS & SLABS
  - B = 30N/MM<sup>2</sup> FOR COLUMNS
- RIBBED HIGH YIELD STEEL FY=410N/MM<sup>2</sup>
- MILD YIELD STEEL FY=250N/MM<sup>2</sup>
- FOUNDATION WAS DESIGNED TO HAVE GROUND FLOOR, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD RADI OF BENDS AND HOOKS AS GIVEN BELOW TO BE USED UNLESS SPECIFICALLY SHOWN OTHERWISE



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

## RIGHT TO EDUCATION

School name

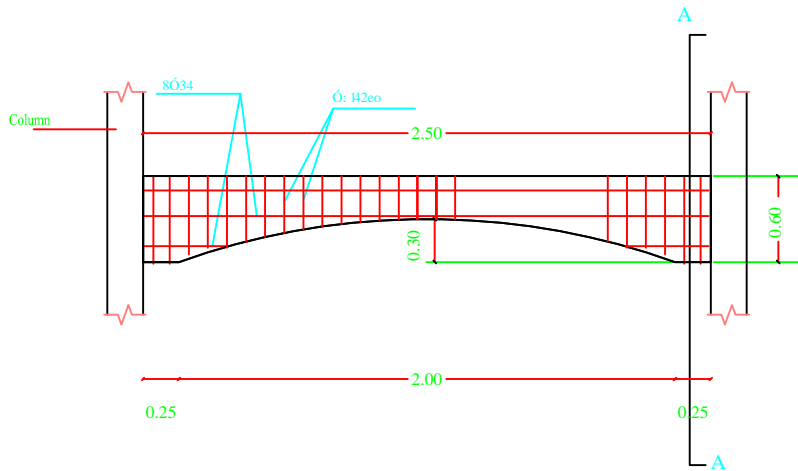
School name  
SHOHADA' BANI SOHYLA SECONDARY  
GIRLS SCHOOL

Drawing name

SLAB DETAILS

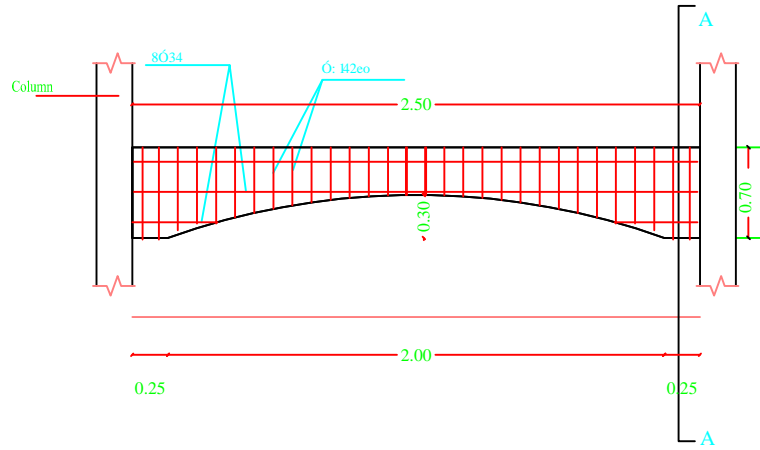
Symbol	Drawing No.	Rev. No.
RES	S 06	R1

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



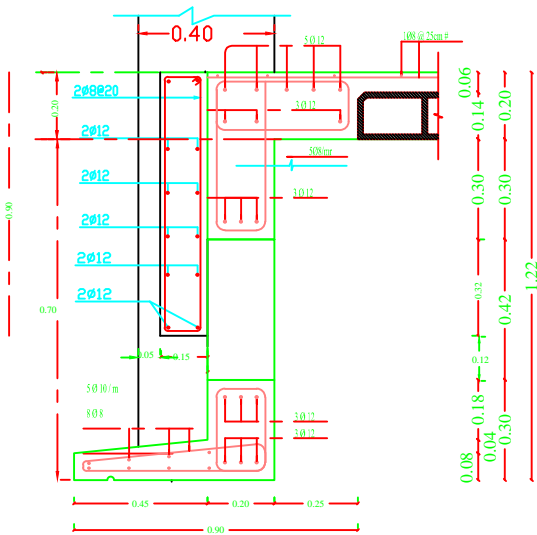
Details of Arches in Second Floor Back Elevations

SCALE 1:50

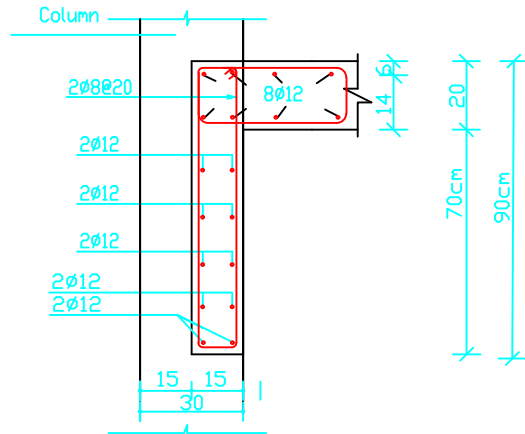


Details of Arches in Second Floor Front Elevations

SCALE 1:50



FINAL ROOF FOR BACK ELEVATION



Section A-A

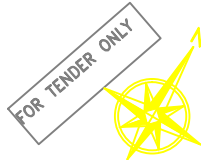
Details of Arches in Second Floor Front and Front Elevations

## 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 N.G.L. (1m SHOULD BE REBACK FILL OF COMPACTED KURKAR.
- 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 THE CONCRETE UP THE PLINTH LEVEL MUST BE COATED WITH TWO COATS OF HOT BITUMIN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERED AND COMPACTD)
- N.G.L WILL BE FIXED BY THE ENGINEER.
- CONCRETE CUBE CRUSHING STRENGTH AFTER 28 DAYS
  - B = 25N/MM2 FOR BEAMS & SLABS
  - B = 30N/MM2 FOR COLUMNS
- RIBBED HIGH YIELD STEEL FY=410N/MM2
- MILD YIELD STEEL FY=250N/MM2
- FOUNDATION WAS DESIGNED TO HAVE GROUND FLOOR, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD RADI OF BENDS 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)
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



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

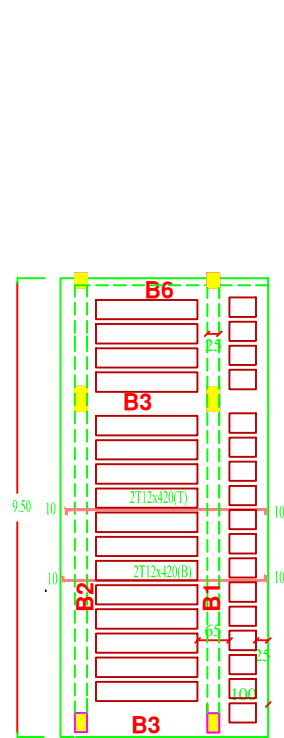
School name

SHOHADA' BANI SOHYLA SECONDARY  
GIRLS SCHOOL

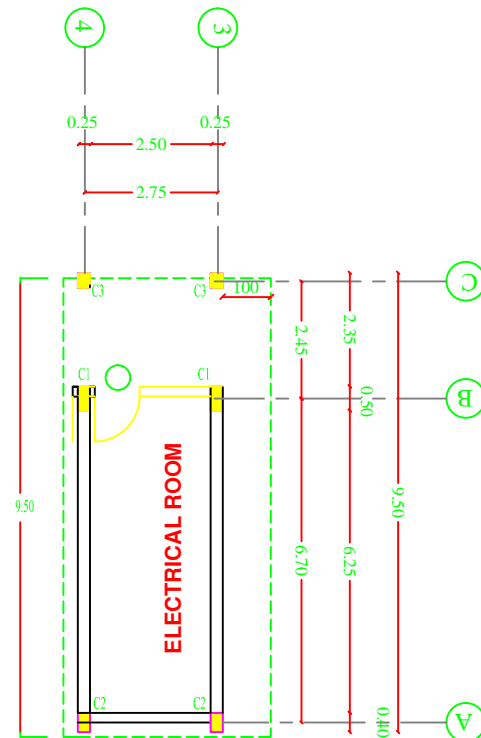
Drawing name

ARCH DETAILS

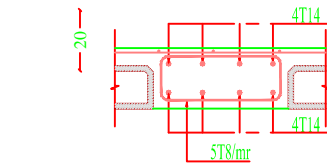
Symbol	Drawing No.	Rev. No.
RES	S 07	R1



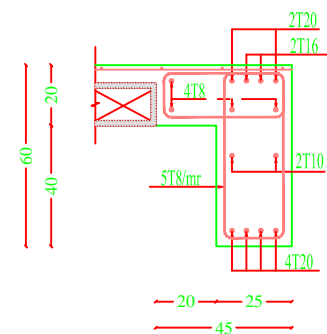
**ELECTRICAL ROOM PLAN**  
scale 1 : 100



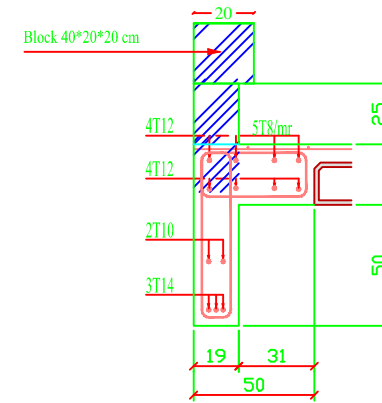
**ELECTRICAL ROOM PLAN**  
scale 1 : 100



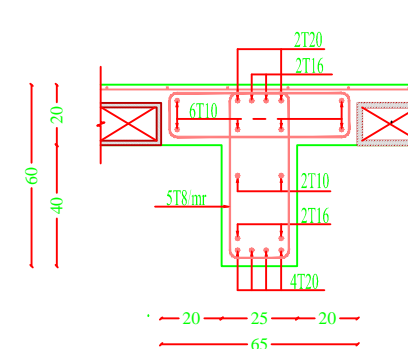
**B 3**  
SCALE 1 : 20



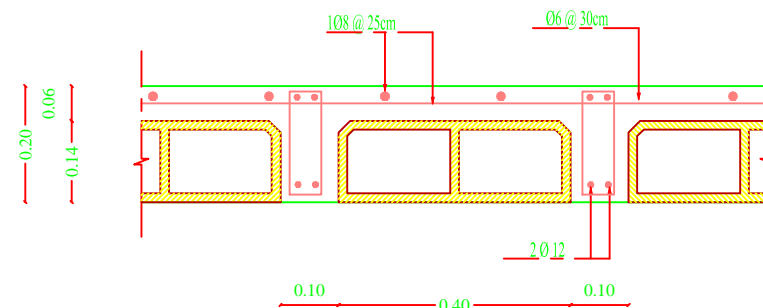
**B 2**  
SCALE 1 : 20



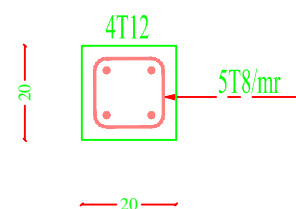
**B 6**  
SCALE 1 : 20



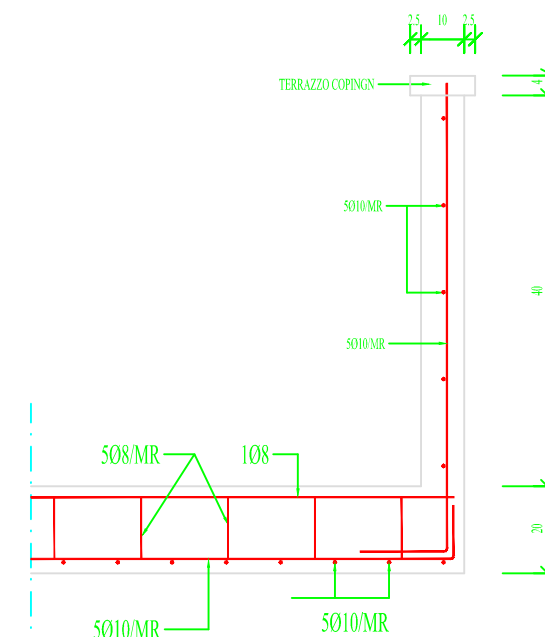
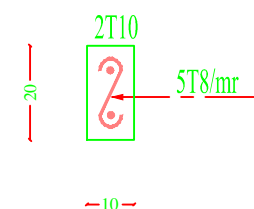
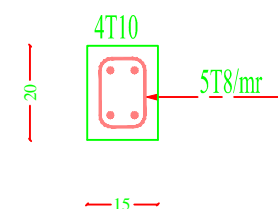
**B 1**  
SCALE 1 : 20



**SLAB DETAIL**  
scale 1 : 100



**LENTILS DETAIL**  
SCALE 1 : 20



**Hand Rail Parabet**

## NOTES:

- DESIGN BEARING CAPACITY IS 1.25 KG/CM<sup>2</sup>
- THE CONTRACTOR HAS TO CONDUCT SOIL INVESTIGATION TO ENSURE THIS ASSUMPTION.
- EXCAVATION LEVEL SHOULD BE (+2.50) FROM THE LOWEST POINT FROM N.G.L. (1m) SHOULD BE REBACK FILL OF COMPACTED KURKAR.
- 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 THE CONCRETE UP THE PLINTH LEVEL MUST BE COATED WITH TWO COATS OF HOT BETUMIN.
- READY MIX CONCRETE MUST BE APPROVED BY THE ENGINEER.
- BACKFILLING MUST BE CARRIED OUT IN LAYERS 25CM THICK EACH LAYER (WATERED AND COMPACTD)
- N.G.L. WILL BE FIXED BY THE ENGINEER
- CONCRETE CUBE CRUSHING STRENGTH AFTER 28 DAYS
  - B = 25N/MM<sup>2</sup>, FOR BEAMS & SLABS
  - B = 30N/MM<sup>2</sup>, FOR COLUMNS
- RIBBED HIGH YIELD STEEL FY=410N/MM<sup>2</sup>
- MILD YIELD STEEL FY=250N/MM<sup>2</sup>
- FOUNDATION WAS DESIGNED TO HAVE GROUND FLOOR, FIRST, SECOND & THIRD FLOORS ONLY.
- STANDARD RADI OF BENDS 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)
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



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhroora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

**RIGHT TO EDUCATION**

School name

SHOHADA' BANI SOHYLA SECONDARY  
GIRLS SCHOOL

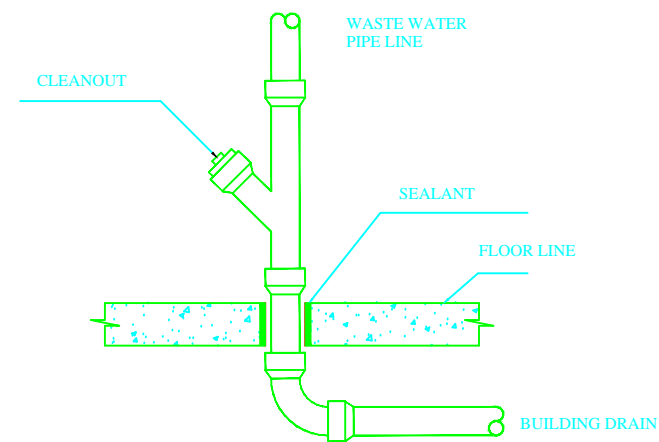
Drawing name

STAIR AND ELECTRICAL ROOM DETAILS

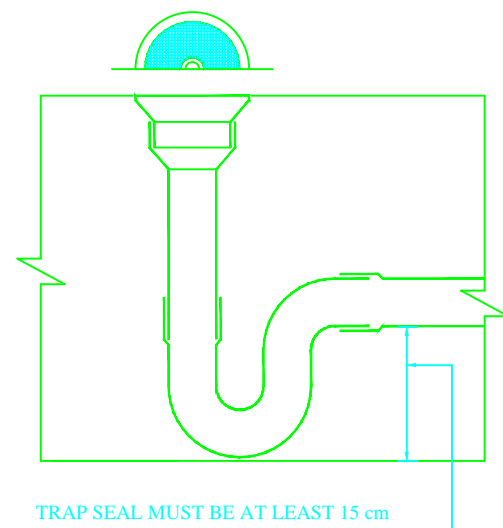
Symbol	Drawing No.	Rev. No.
RES	S08	R1

# Mechanical Drawings

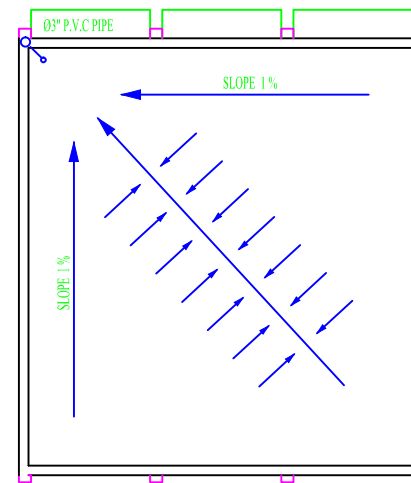




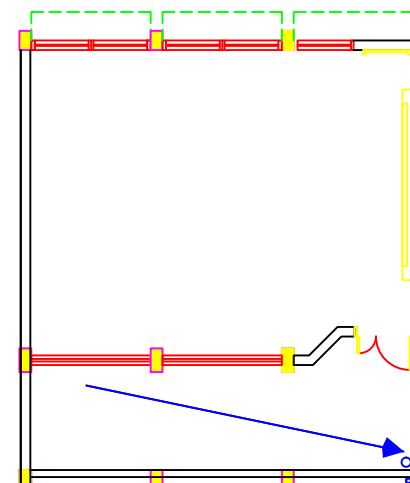
DRAINAGE PIPE CONNECTION DETAIL



TYPICAL FLOOR DRAIN TRAP



DRAINAGE PLAN



GROUND FIRST & SECOND FLOOR SANITARY PLAN

## 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



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
AI Fakhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

SHOHADA' ALNOSAYRAT SECONDARY BOYS SCHOOL

Drawing name

MECHANICAL WORKS

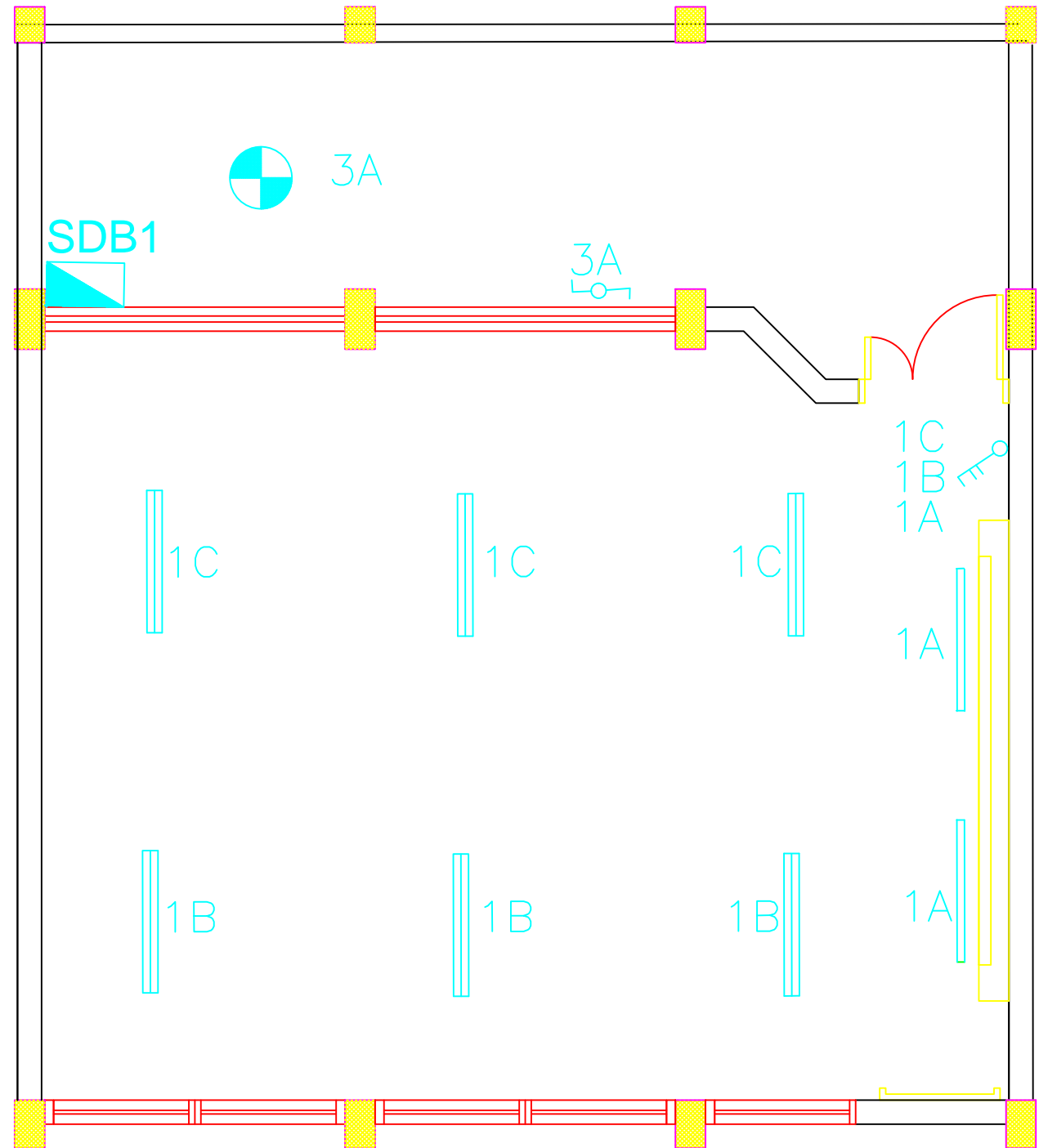
Symbol	Drawing No.	Rev. No.
RES	M 01	R1

# 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 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 SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL			
Keys of Electricity			
Symbol	Drawing No.:	Rev. No.	
RES	E 01	R1	



GROUND, FIRST AND 2ND FLOOR LIGHTING PLAN

NOTES

FOR TENDER ONLY

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 Fakhroo Programme

IMPLEMENTED BY:

PROJECT:-  
RIGHT TO EDUCATION  
SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

Drawing Name  
LIGHTING PLAN

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



FOR TENDER ONLY

**PALESTINIAN NATIONAL AUTHORITY**

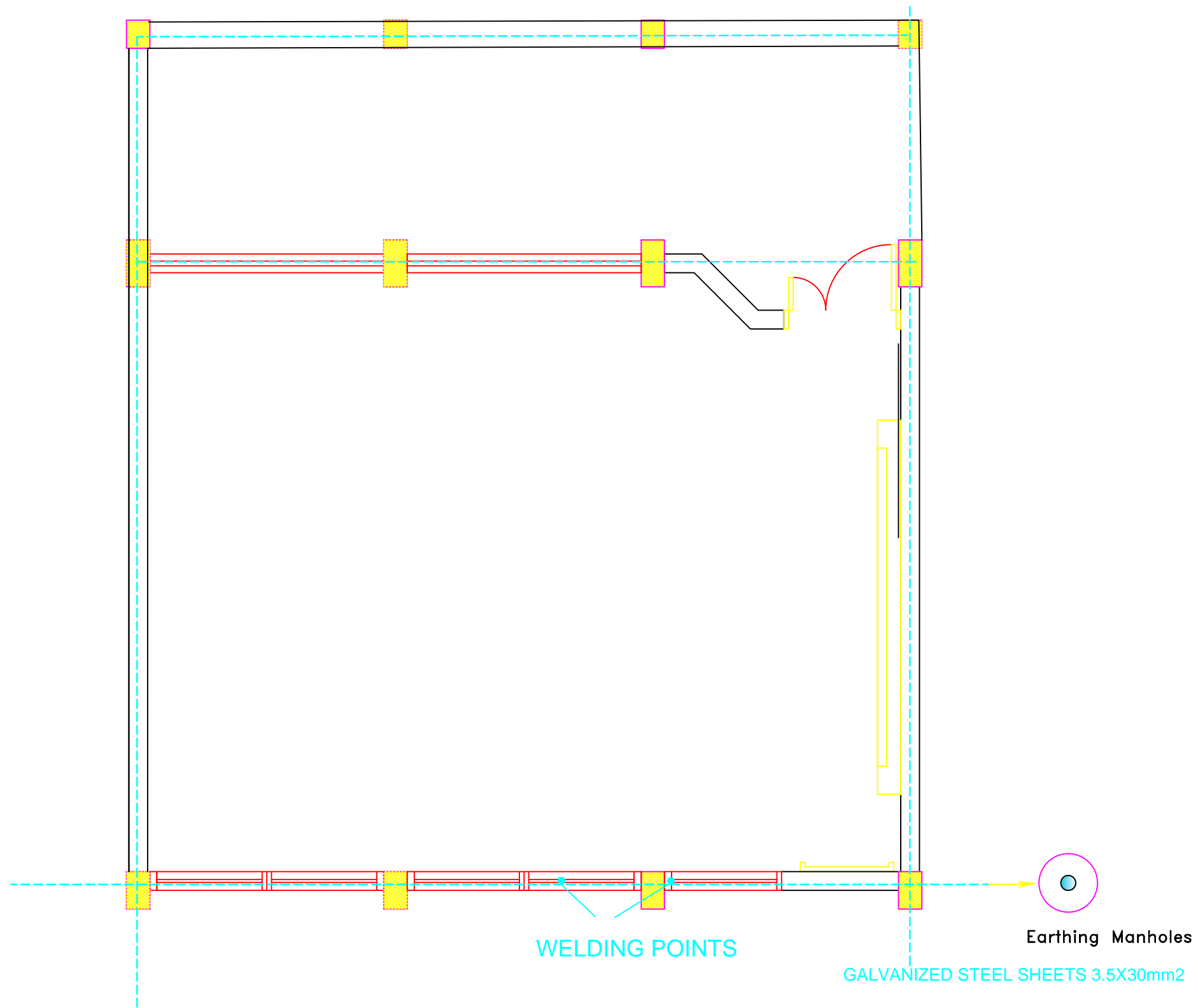
\_\_\_\_\_



**EDUCATION ABOVE ALL**  
**Al Fakhoora Programme**



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



# EARTH PLAN GROUND BEAM

## NOTES

FOR TENDER ONLY

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 Fakhroo Programme

## IMPLEMENTED BY:



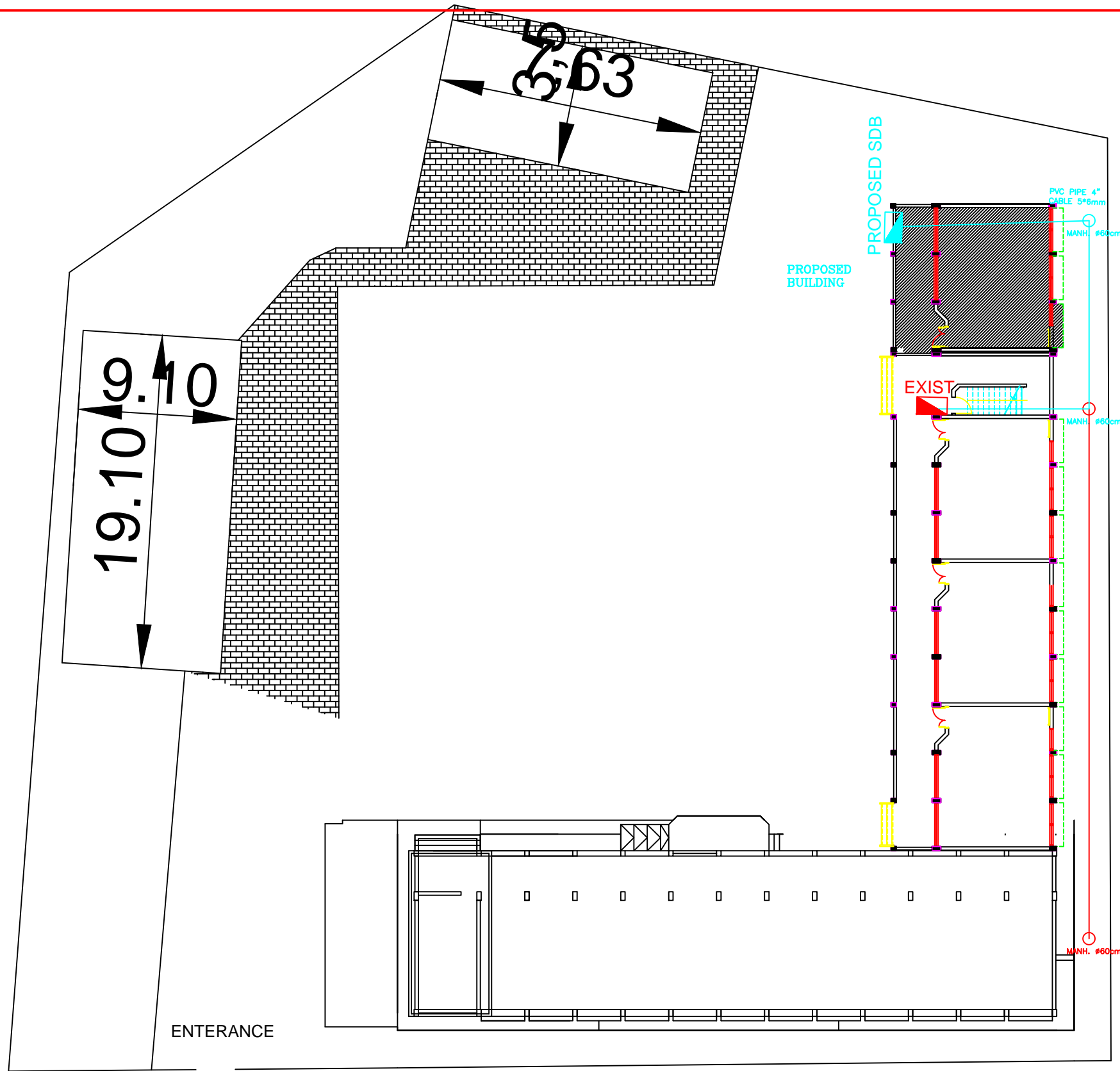
## PROJECT:-

RIGHT TO EDUCATION  
SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

## Drawing Name

EARTHING

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



EXISTING WORK

NEW WORKS

## 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



#### DONATED BY:



EDUCATION ABOVE ALL  
Al Fakhroa Programme

#### IMPLEMENTED BY:

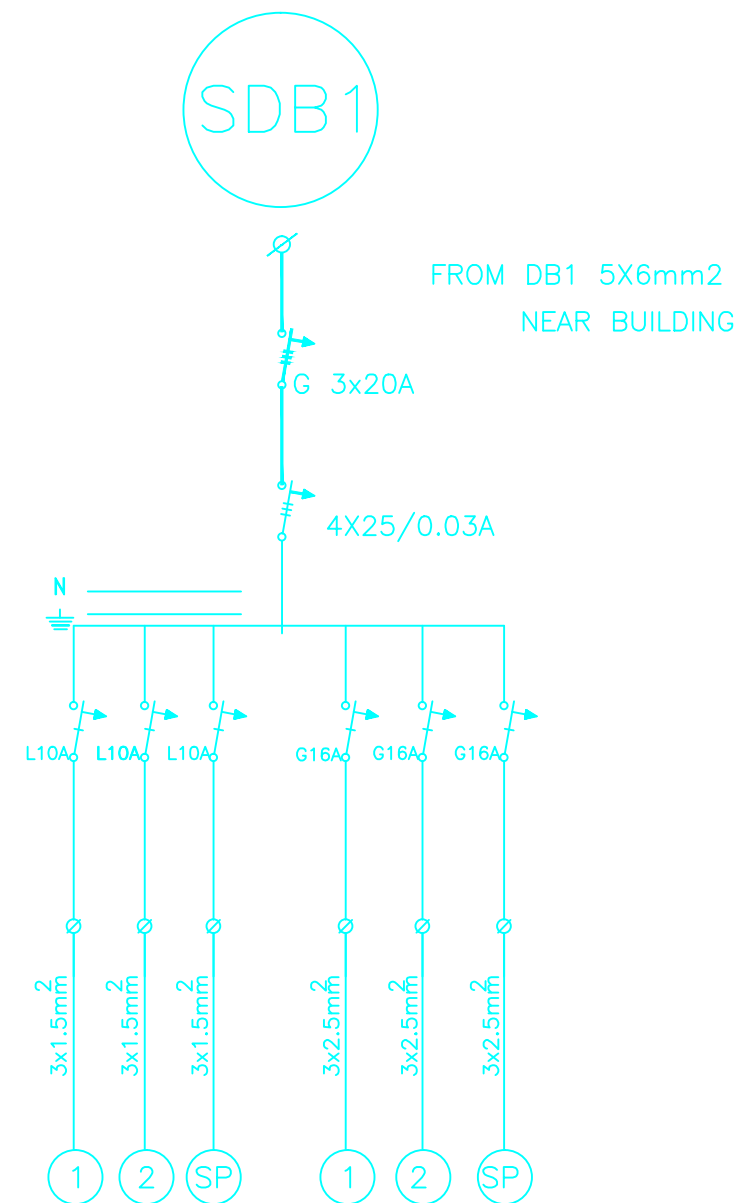


#### PROJECT:-

RIGHT TO EDUCATION  
SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

GROUND FLOOR PLAN CABLE ROUTING

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



(SDB1) 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	

PALESTINIAN NATIONAL AUTHORITY

DONATED BY:

EDUCATION ABOVE ALL  
Al Fakhroo Programme

IMPLEMENTED BY:

PROJECT:-

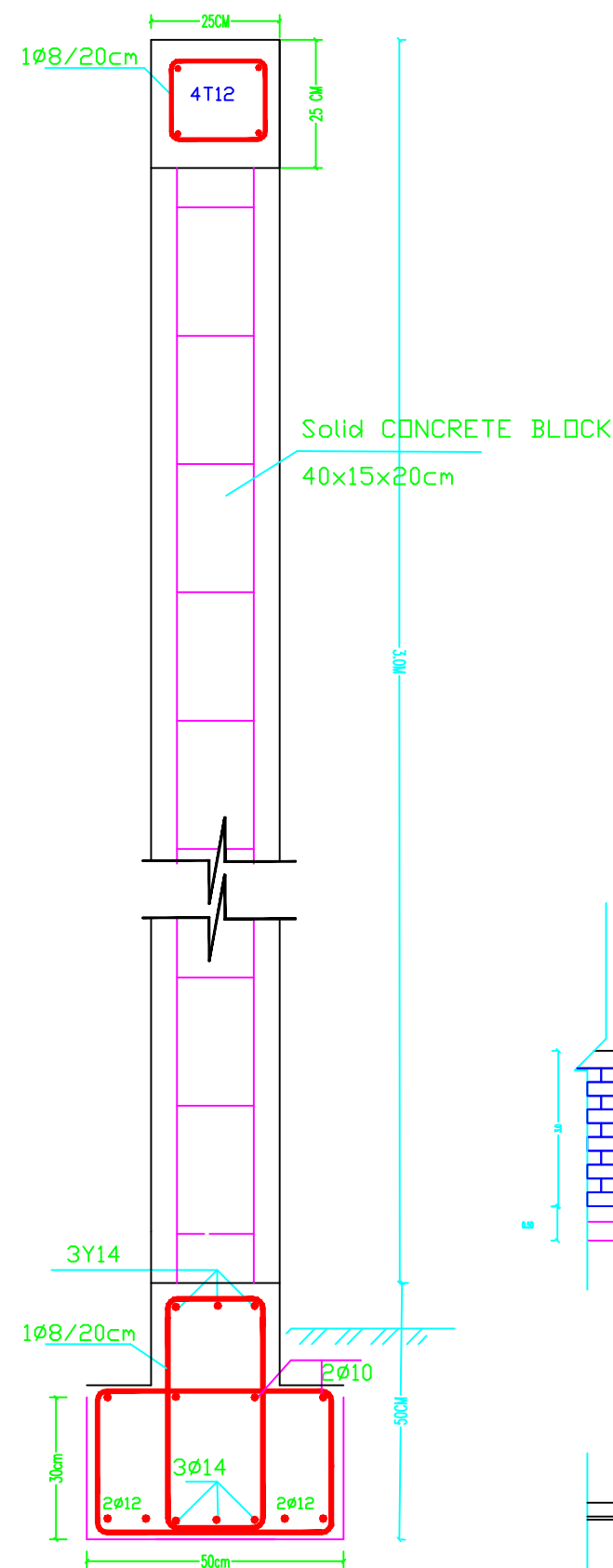
RIGHT TO EDUCATION  
SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

SDB SINGLE LINE DIAGRAM

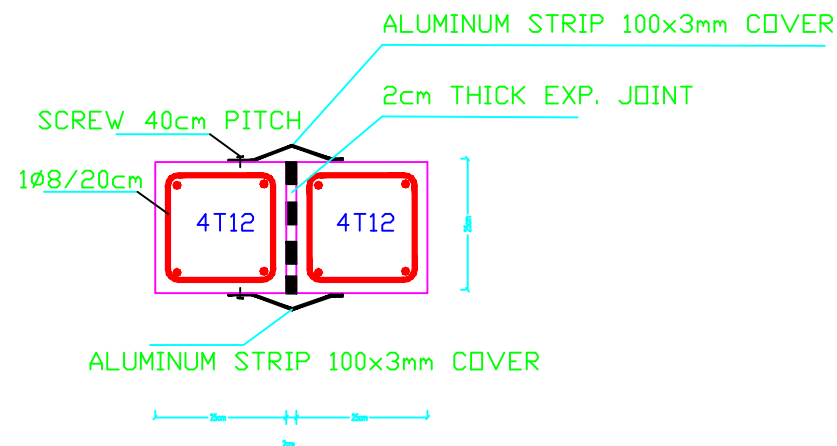
Symbol	Drawing No.:	Rev. No.
RES	E 06	R1



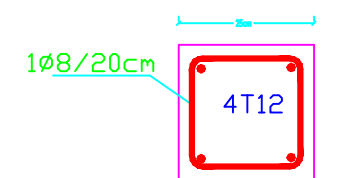
# External Works



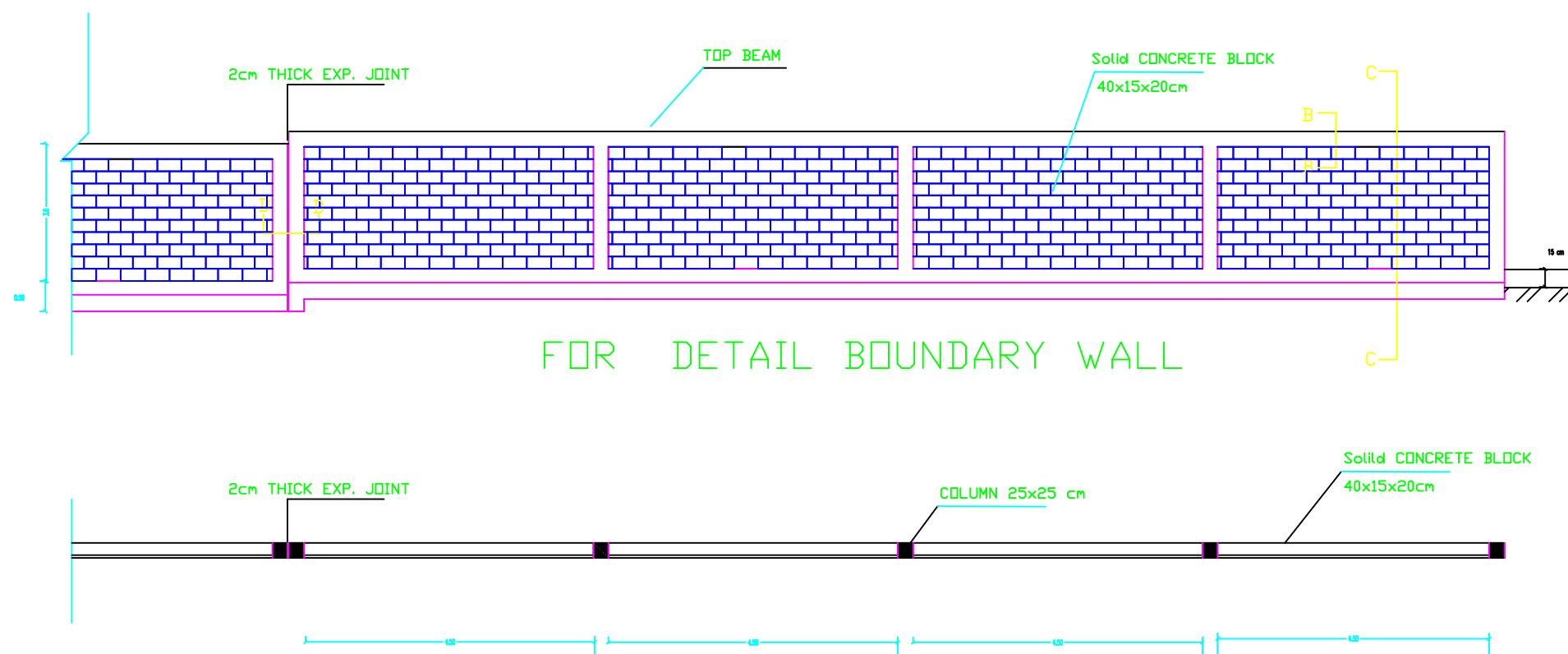
DETAILS FOR SECTION C-C



DETAILS FOR SECTION D-D



DETAILS FOR SECTION B-B



BOUNDARY WALL PLAN

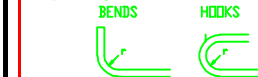
## NOTES:

- 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/mm<sup>2</sup>
- mild steel  
yield strength = 250 N/mm<sup>2</sup>

- 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.
- Polurethane, thick. = 20mm.  
with density not less than  
40 kg/m<sup>3</sup>
- Polystyrene with density  
not less than 40 kg/m<sup>3</sup>

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhara Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance to the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Drawing name

FENCE DETAILS

Symbol	Drawing No.	Rev. No.
EW	EW 01	R1

NOTES:

STEEL REINFORCEMENT

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

CONCRETE COMPRESSIVE STRENGTH

For main building:

Plain concrete = 150 kg/cm<sup>2</sup>  
under foundation = 250 kg/cm<sup>2</sup>  
Frames: Columns = 300 kg/cm<sup>2</sup>  
Beams = 300 kg/cm<sup>2</sup>  
Ground beams = 300 kg/cm<sup>2</sup>  
Ground slabs = 200 kg/cm<sup>2</sup>  
Stairs = 300 kg/cm<sup>2</sup>

For other buildings:

Foundation = 250 kg/cm<sup>2</sup>  
Columns = 300 kg/cm<sup>2</sup>  
Ground beams = 250 kg/cm<sup>2</sup>  
Slabs = 250 kg/cm<sup>2</sup>  
Other items = 250 kg/cm<sup>2</sup>

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.

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Falhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance to the Palestinian People

Project Name

RIGHT TO EDUCATION

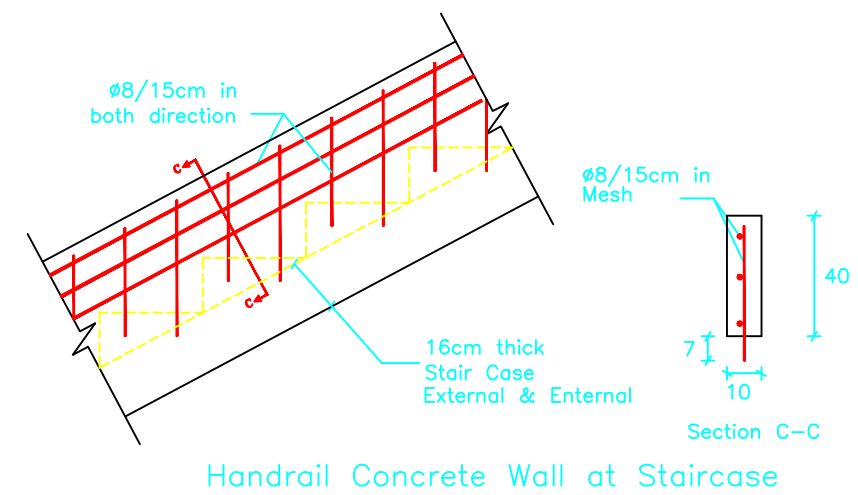
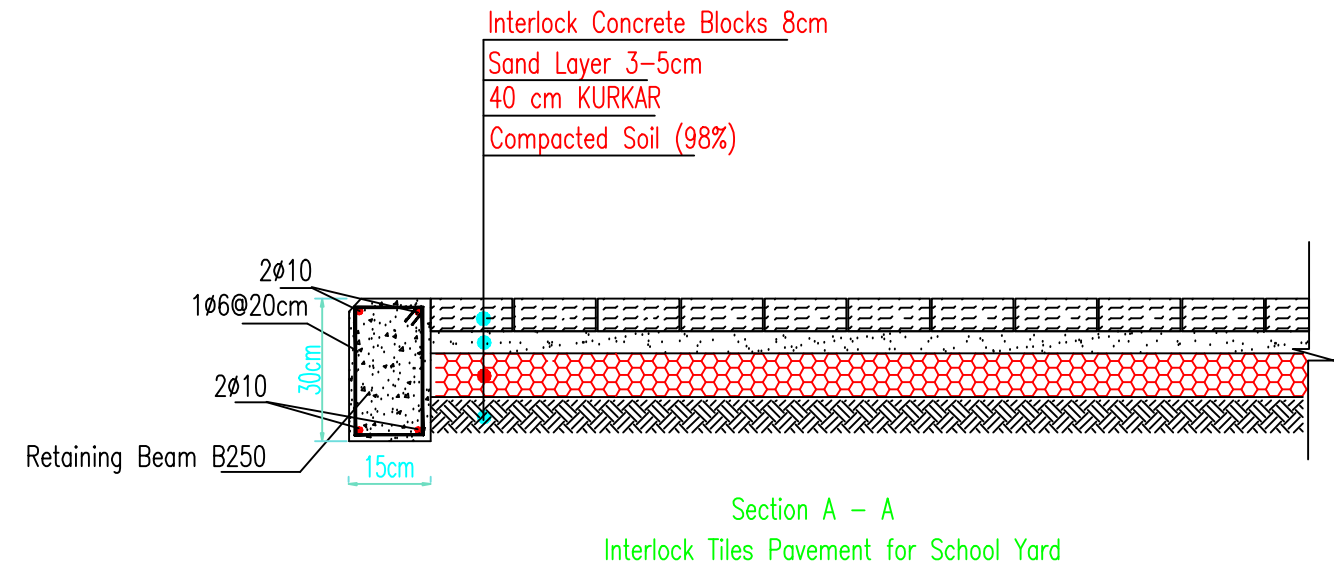
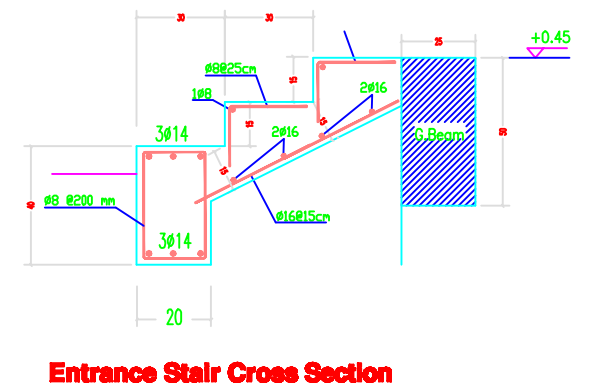
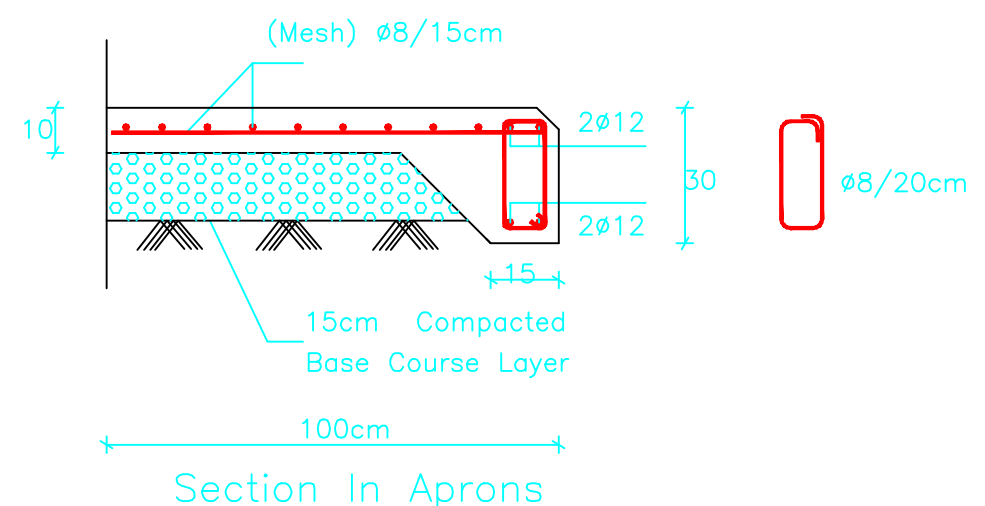
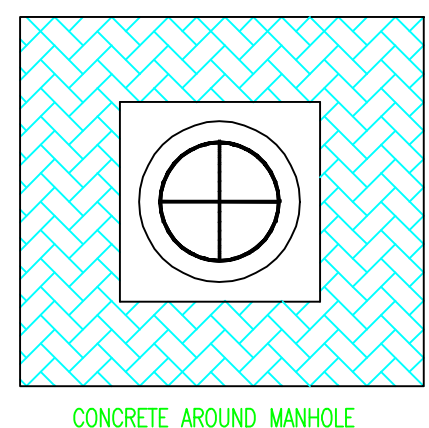
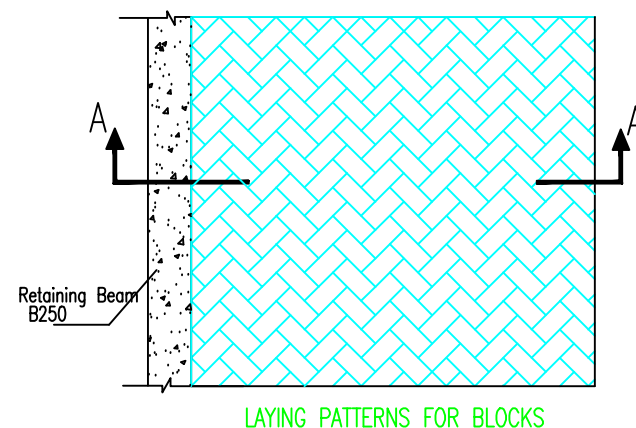
School name

Drawing name

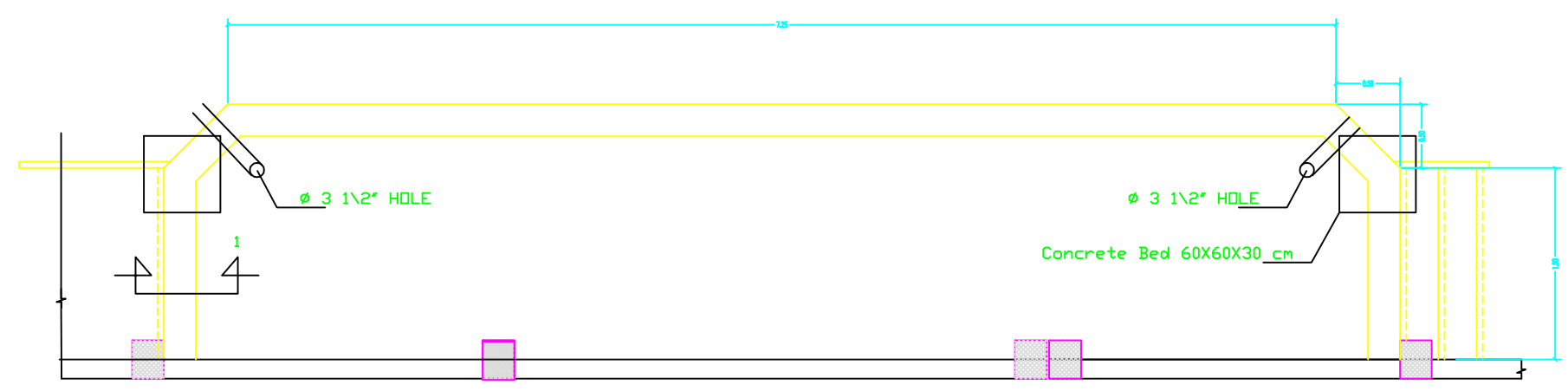
Aprons detail, handrail concrete wall  
stair case & interlock details

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

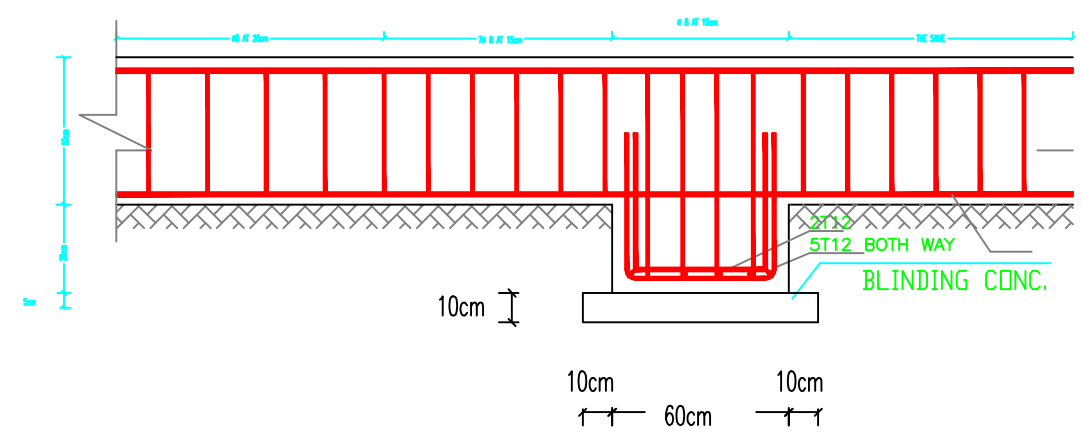
The Contractor has to submit detailed  
Shop Drawings of all works for approval  
Of the supervisor Engineer



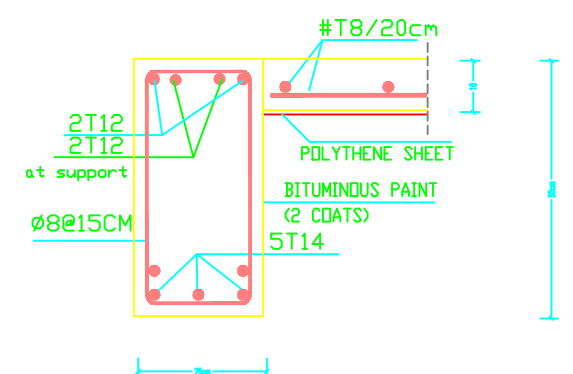
The Contractor has to submit detailed Shop Drawings of all works for approval Of the supervisor Engineer



PLATFORM PLAN




DETAIL for bed in tie beams level



SEC. 1-1


NOTES:

FOR TENDER ONLY




PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhroo Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Drawing name

PLATFORM PLAN & DETAILS

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

NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhroa Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Drawing name

Ramp details

Symbol

200

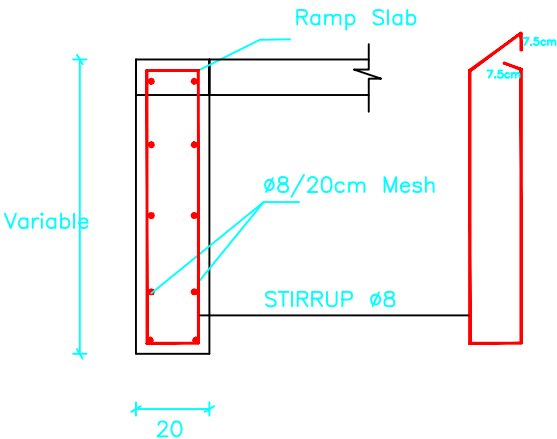
Drawing No.

EW 04

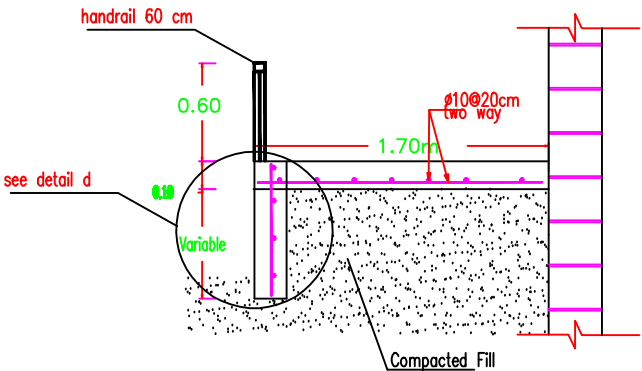
Rev. No.

R1

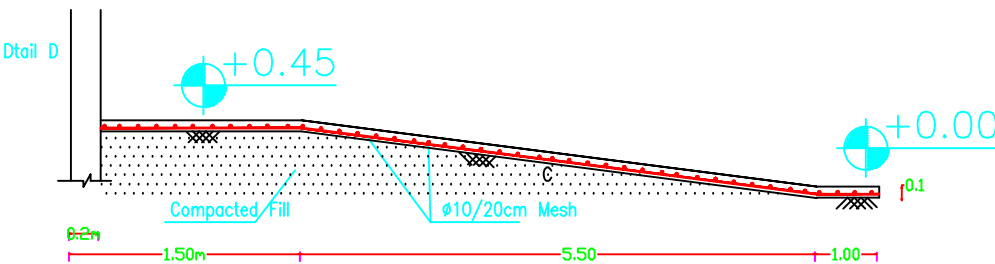
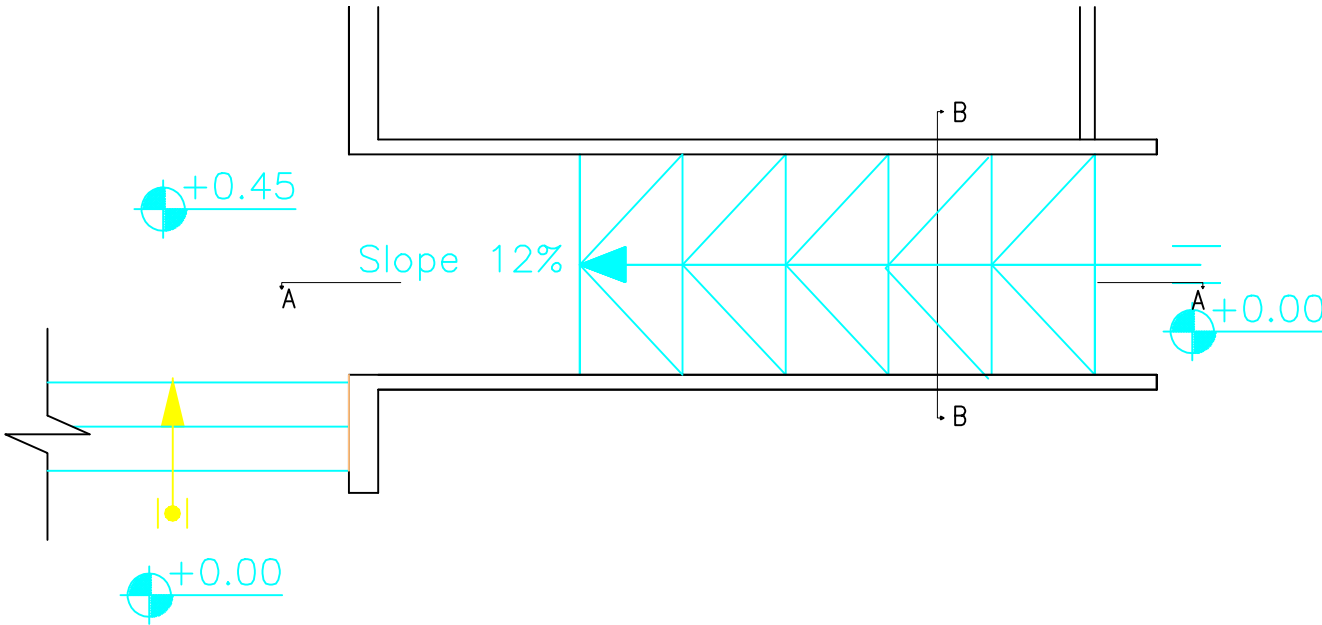
The Contractor has to submit detailed  
Shop Drawings of all works for approval  
Of the supervisor Engineer



Section In Detail D  
Details of Ramps Reinf. Concrete beams



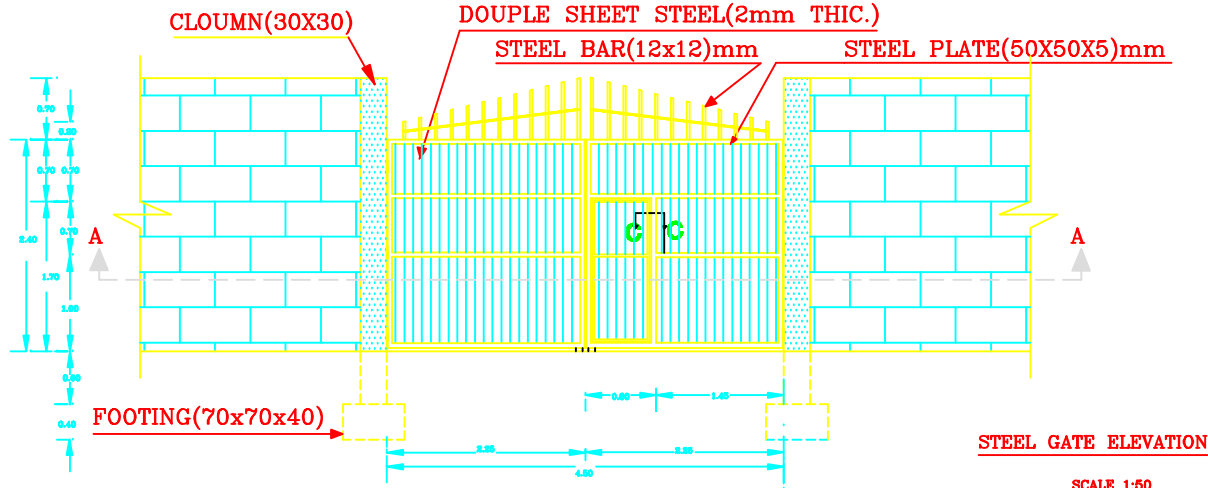
Section B-B  
Section in Ramp



Section A-A

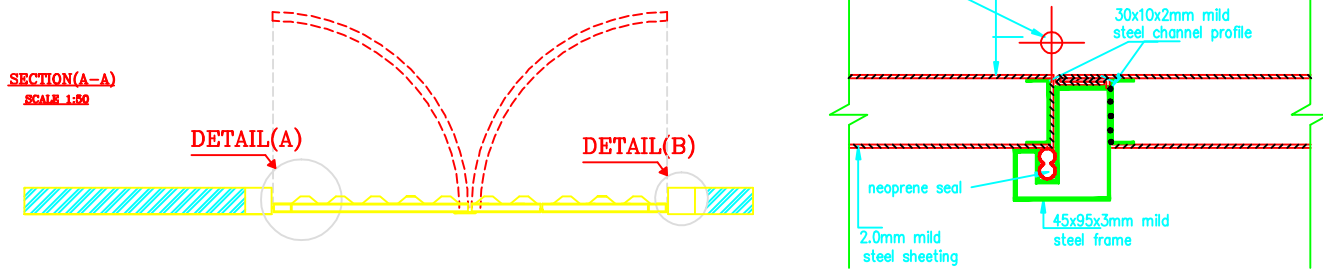
Ramp details

ENTRANCE SCHOOL DOOR



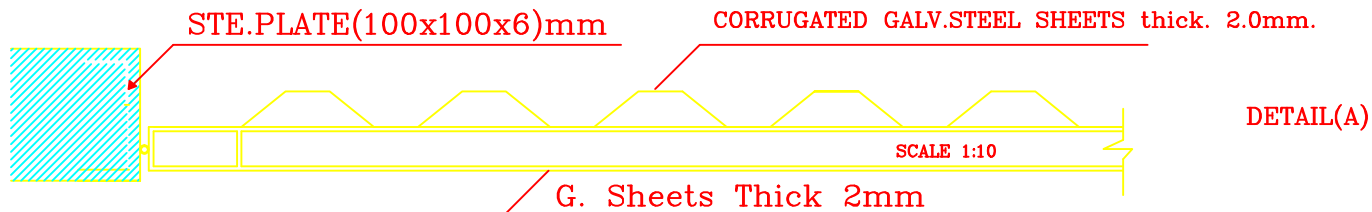
## STEEL GATE ELEVATION

**SCALE 1:50**

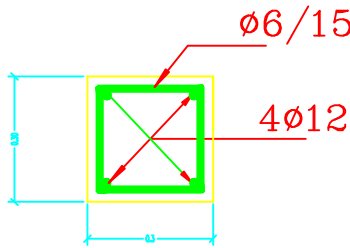


## SECTION c-c

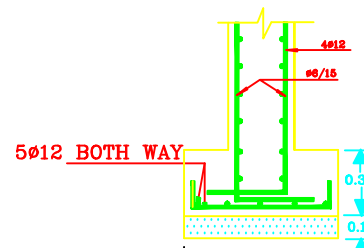
SCALE 1 : 1



## 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-framing 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.

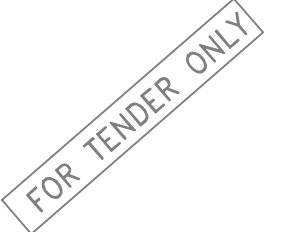
### NOTES FOR METAL DOORS

\*-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.



**PALESTINIAN NATIONAL AUTHORITY**

DONATED BY



## EDUCATION ABOVE ALL Al Fakhraa Programme

**IMPLEMENTED BY**

**United Nations Development Programme  
Programme of Assistance to the Palestinian People**

Project Name:

## RIGHT TO EDUCATION

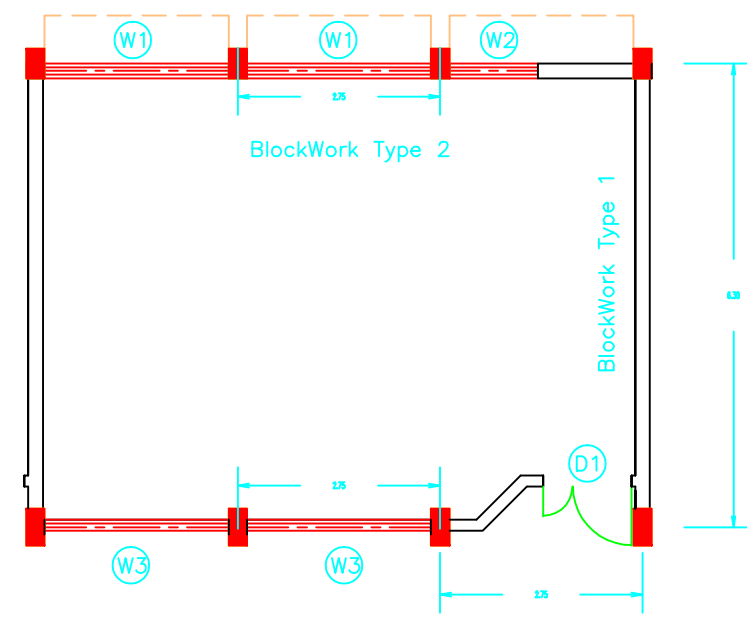
School name

Drawing name

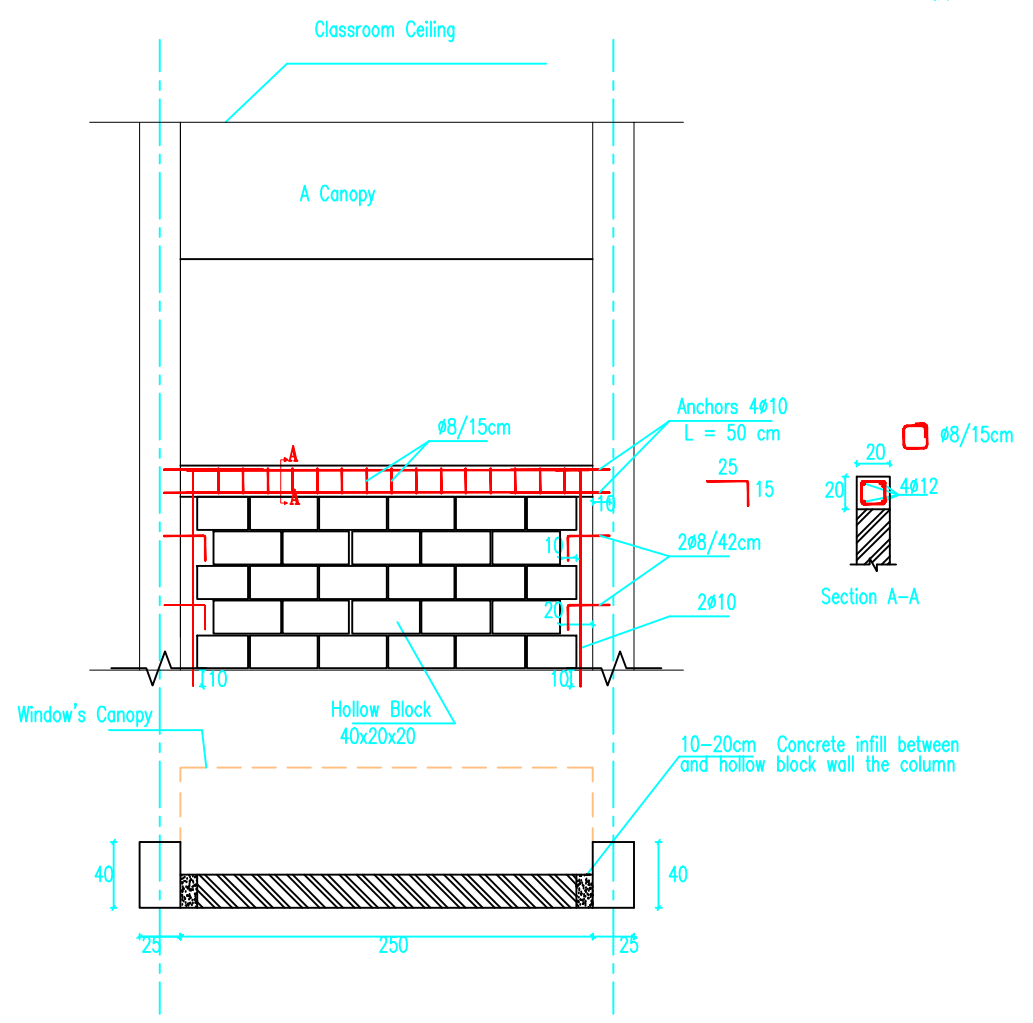
### Main Gate Details

<b>Symbol</b>	<b>Drawing No.</b>	<b>Rev. No.</b>
EW	EW 05	R1

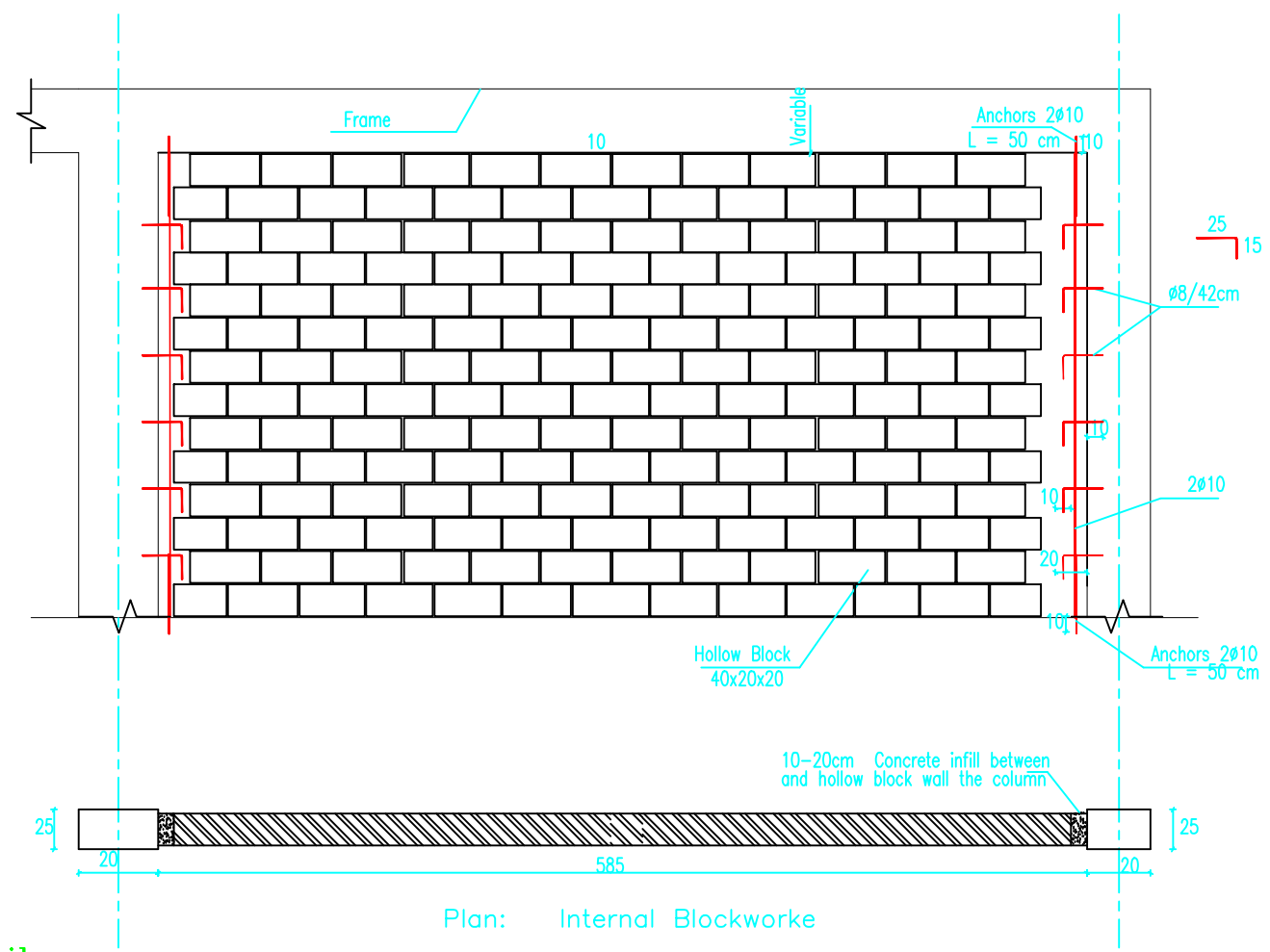
# General Drawings



Typical BlockWork Types In Classrooms  
SCALE 1:100



Plan: External Blockwork  
BlockWork Type 2



Plan: Internal Blockwork  
BlockWork Type 1

## BlockWork Detail

### NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
All Palestine Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Drawing name

Block Work Detail

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



# NOTES:

- FC1 = PLASTER & POLYIDE 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

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Falchoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance to the Palestinian People

Project Name

RIGHT TO EDUCATION

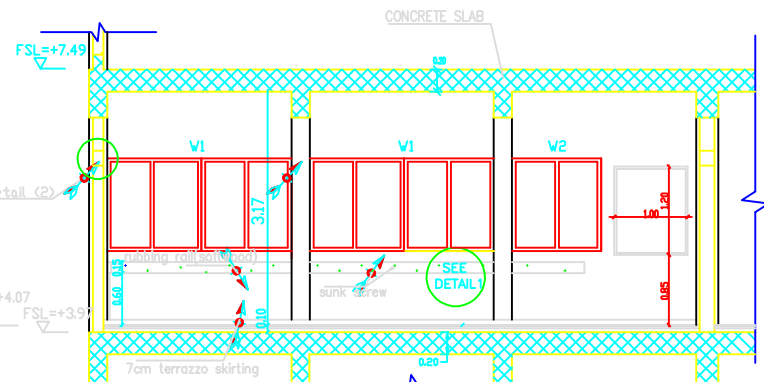
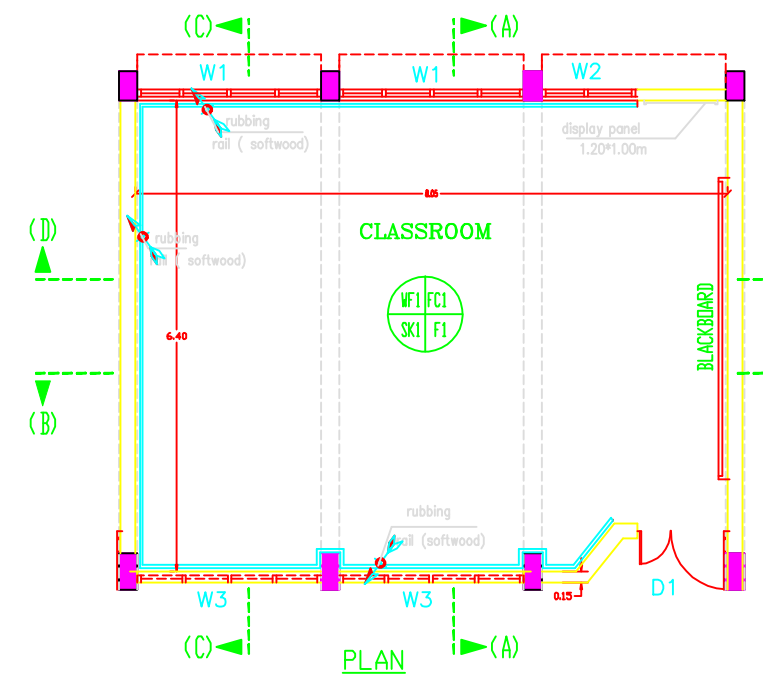
School name

Drawing name

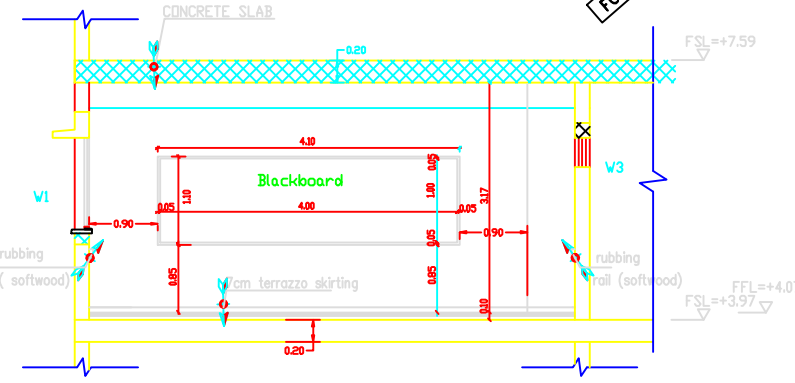
CLASSROOM DETAILS

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

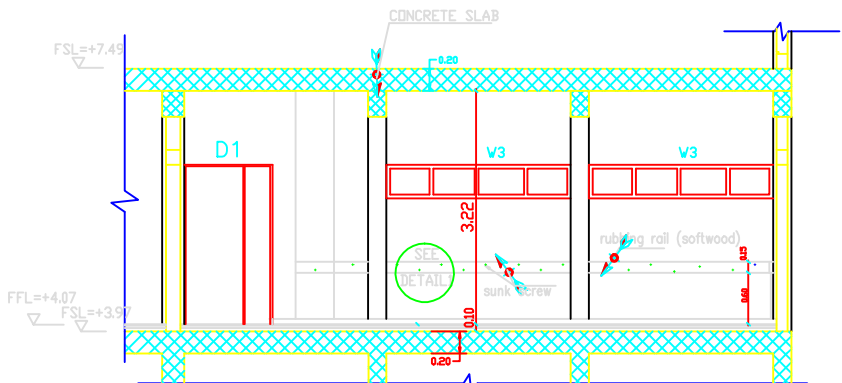
FOR TENDER ONLY



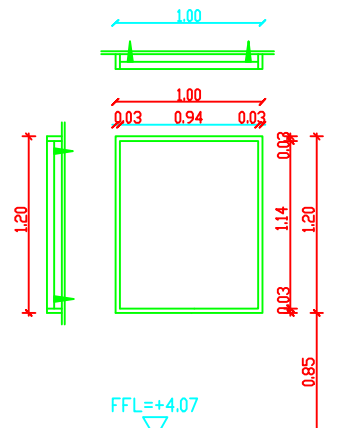
SECTION D-D



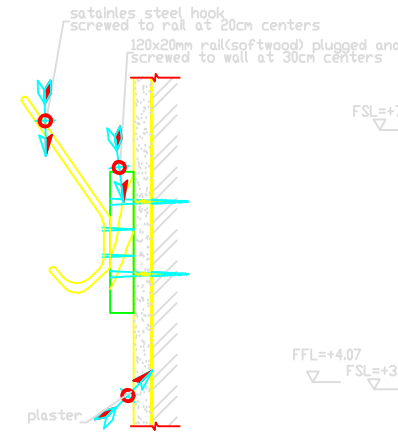
SECTION A-A



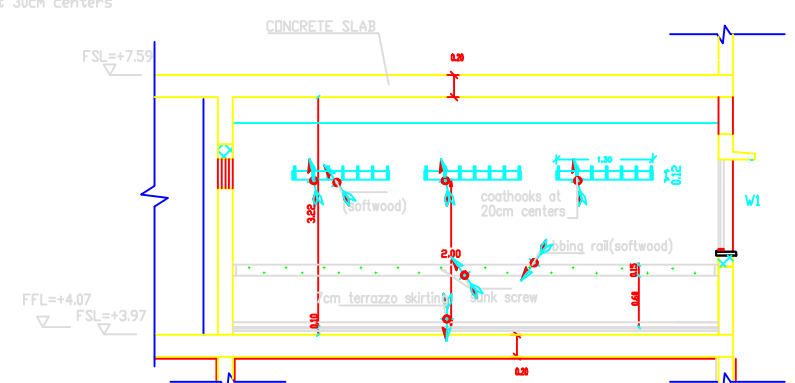
SECTION B-B



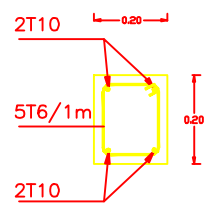
DETAILS FOR DISPLAY PANEL



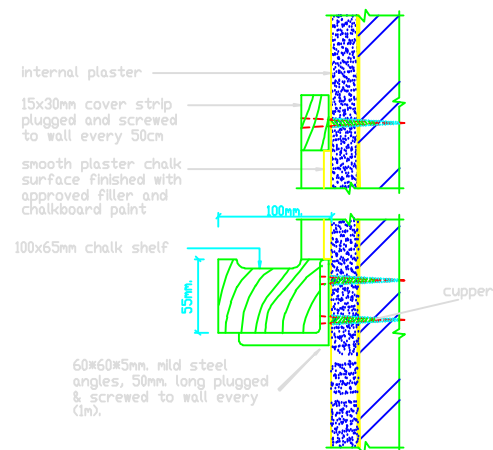
DETAIL \* B \* COATBOOK DETAIL



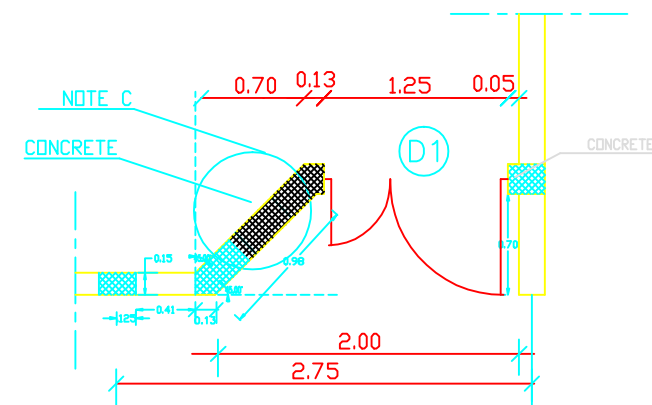
SECTION C-C



DETAIL (2)

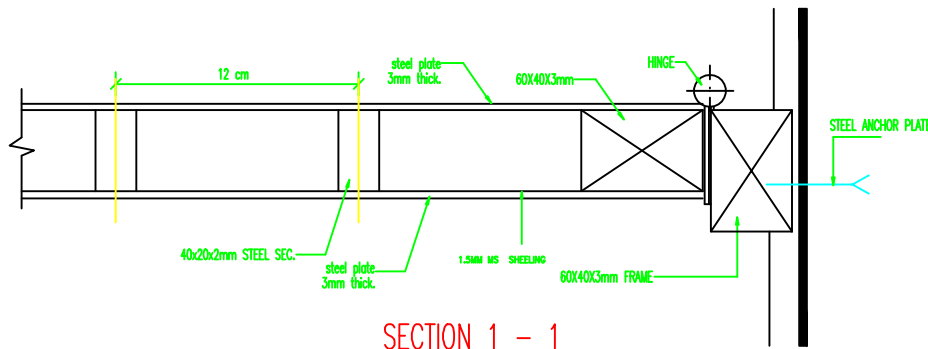
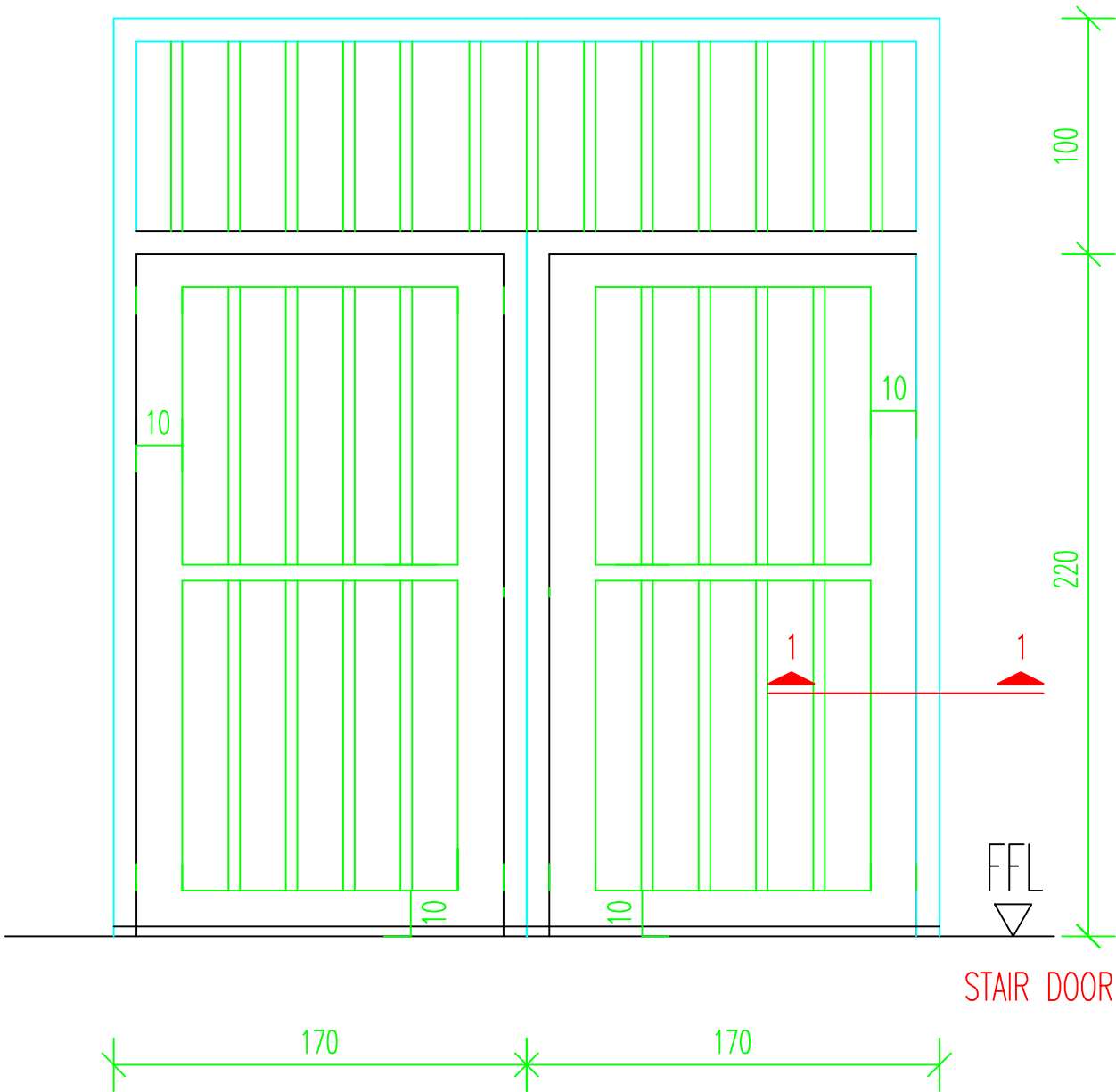


DETAIL OF CHALK & BLACKBOARD



DETAIL (1)  
RUBBING RAIL DETAIL

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.

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhra Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

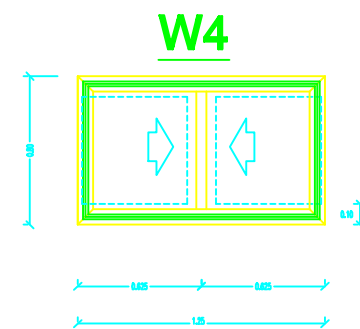
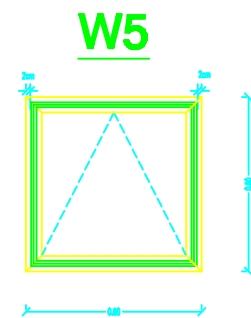
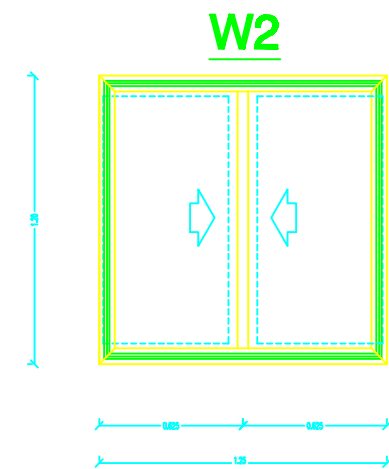
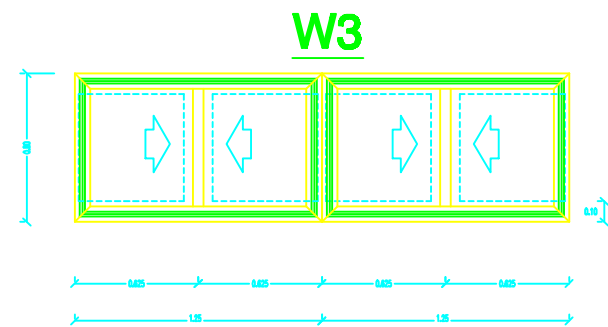
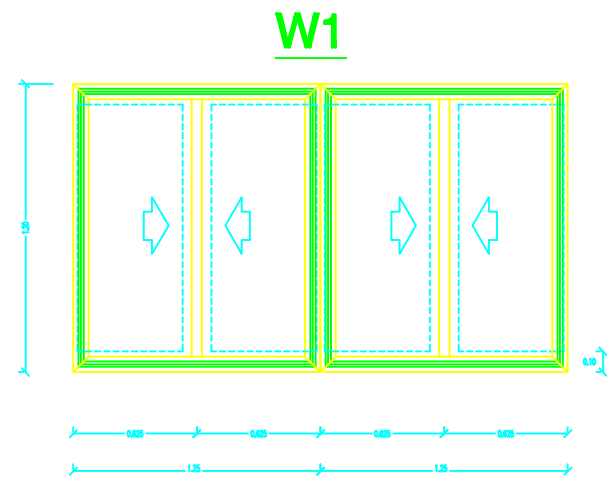
School name

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

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Falkhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

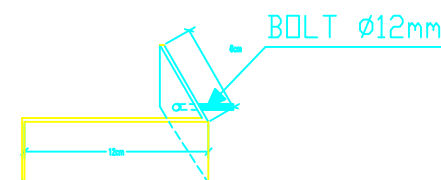
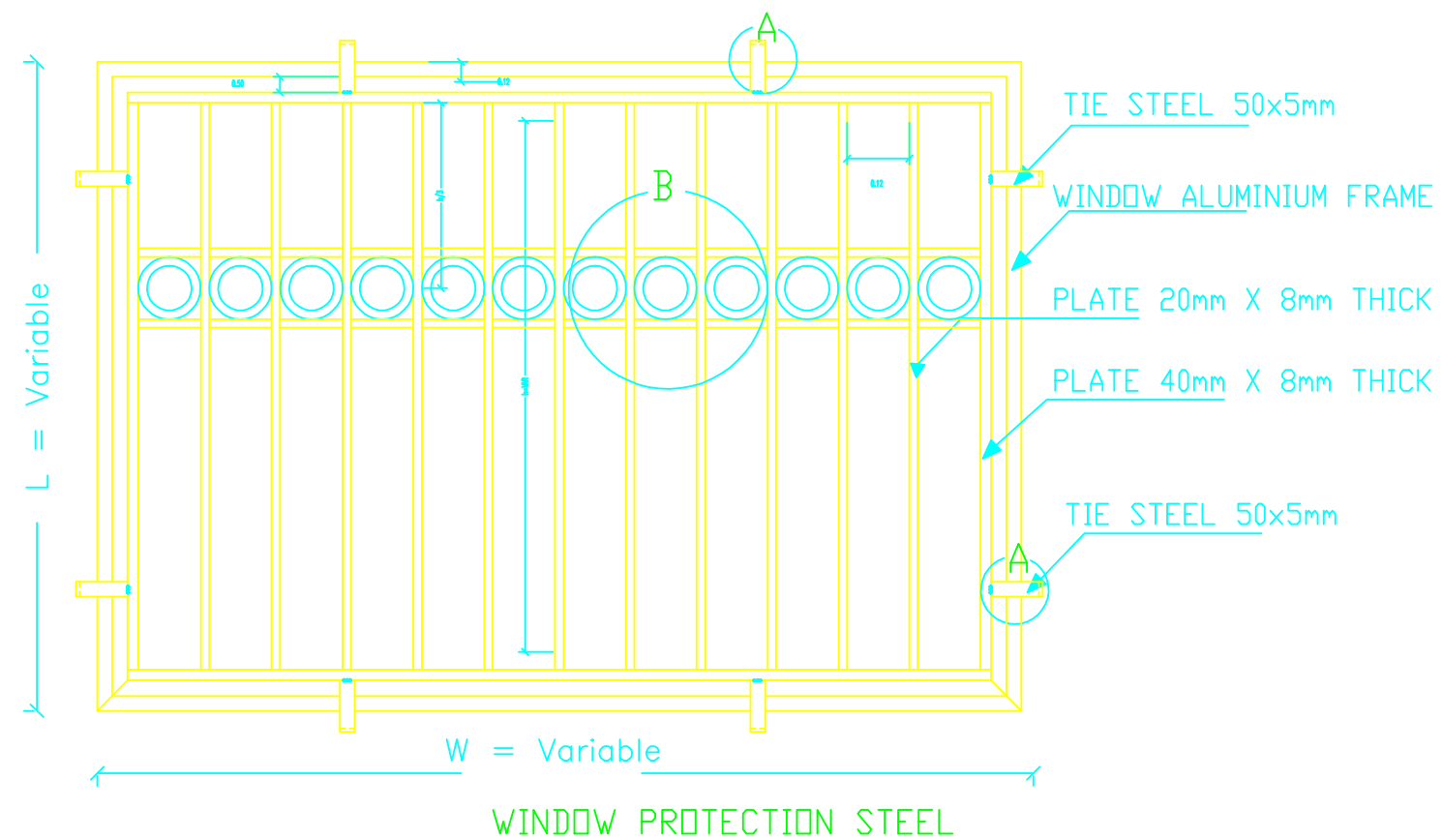
RIGHT TO EDUCATION

School name

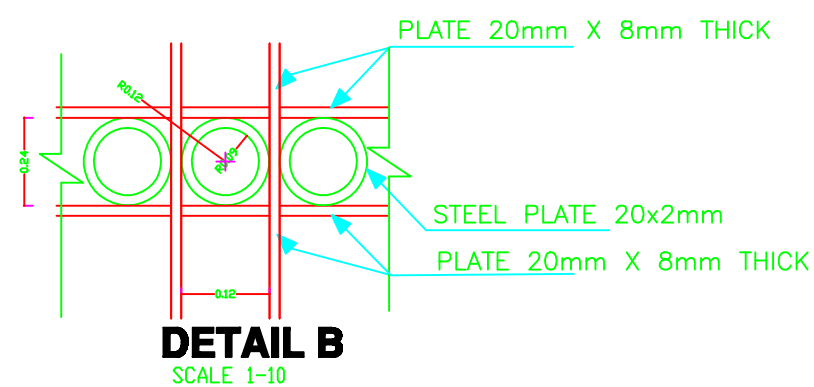
Drawing name

WINDOW DETAILS

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



ANGLE FIXING DETAIL  
**DETAIL A**



NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhaara Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

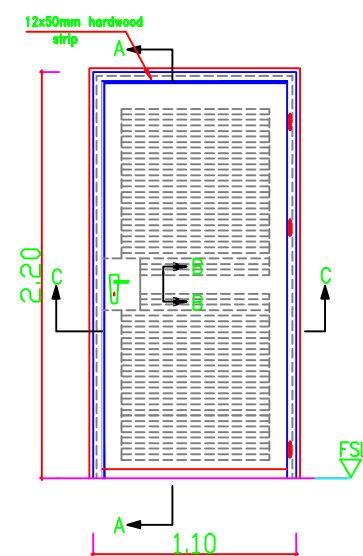
**RIGHT TO EDUCATION**

School name

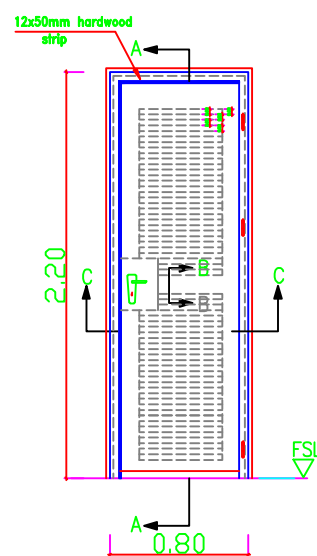
Drawing name

**STEEL PROTECTION DETAILS**

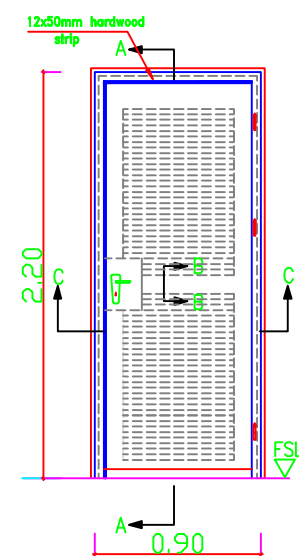
Symbol	Drawing No.	Rev. No.
BS	GD 04	R1



**D4**  
(1.10 \* 2.20)

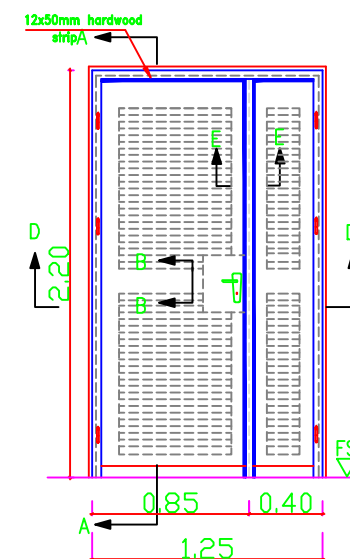


**D3**  
(0.80\* 2.20)

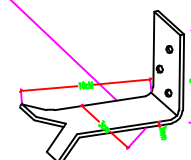


**D2**  
(0.90 \* 2.20)

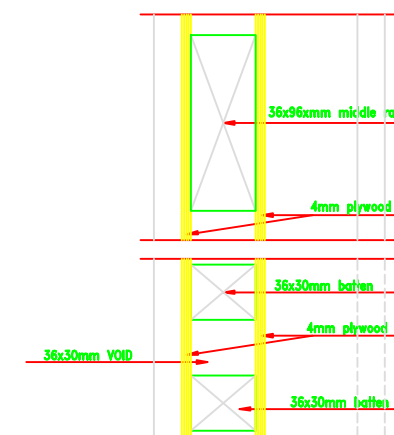
## ELEVATIONS



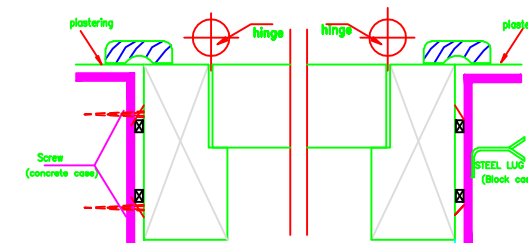
**D1**  
(1.25\* 2.20)



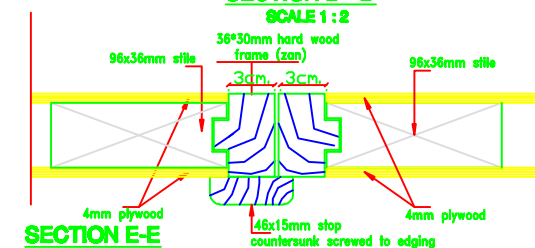
TIMBER DOOR FRING



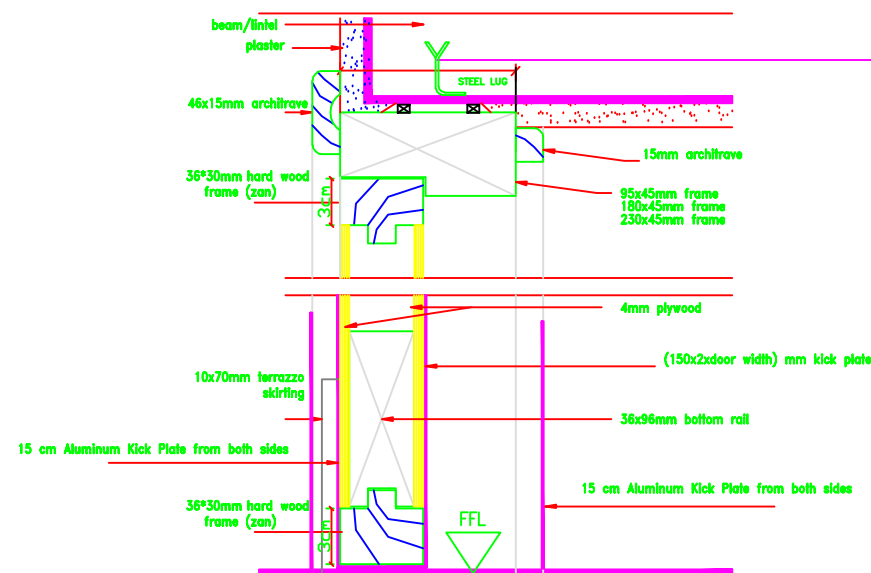
SECTION B-B



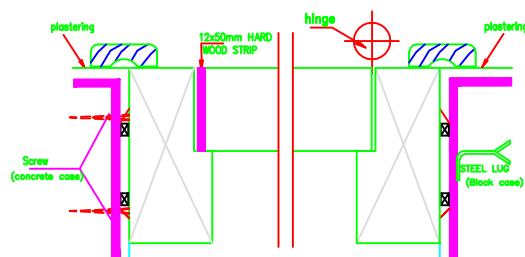
SECTION D - D  
SCALE 1 : 2



SECTION E-E



SECTION A-A



SECTION C - C

## NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Falchoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Drawing name

WOODEN DOORS DETAILS

Symbol

Drawing No.

205

Rev. No.

GD 05

Rev. No.

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.

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL

Al Fakhro Programme

IMPLEMENTED BY



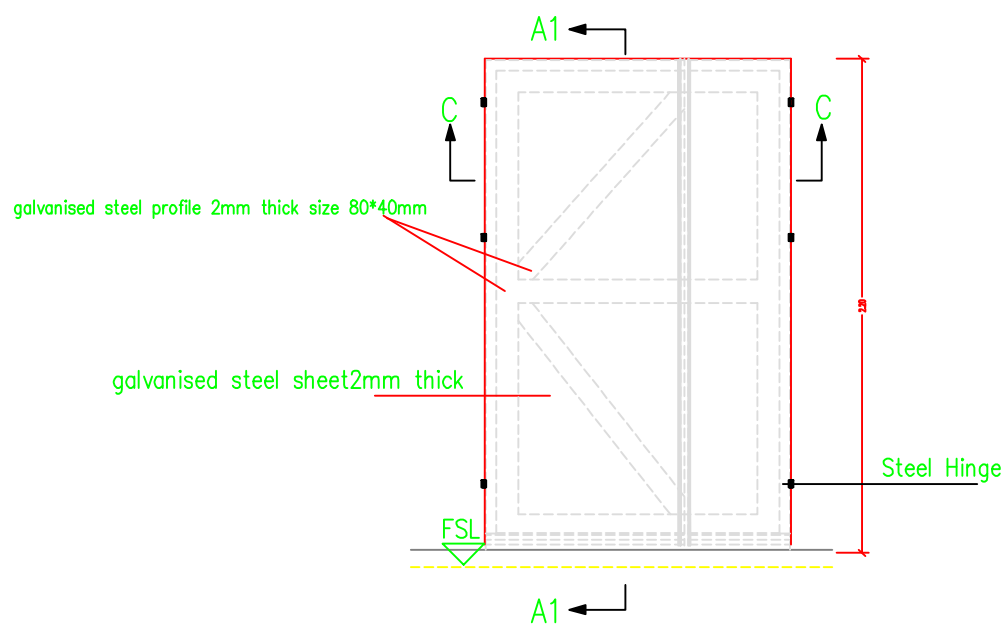
United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name  
**RIGHT TO EDUCATION**

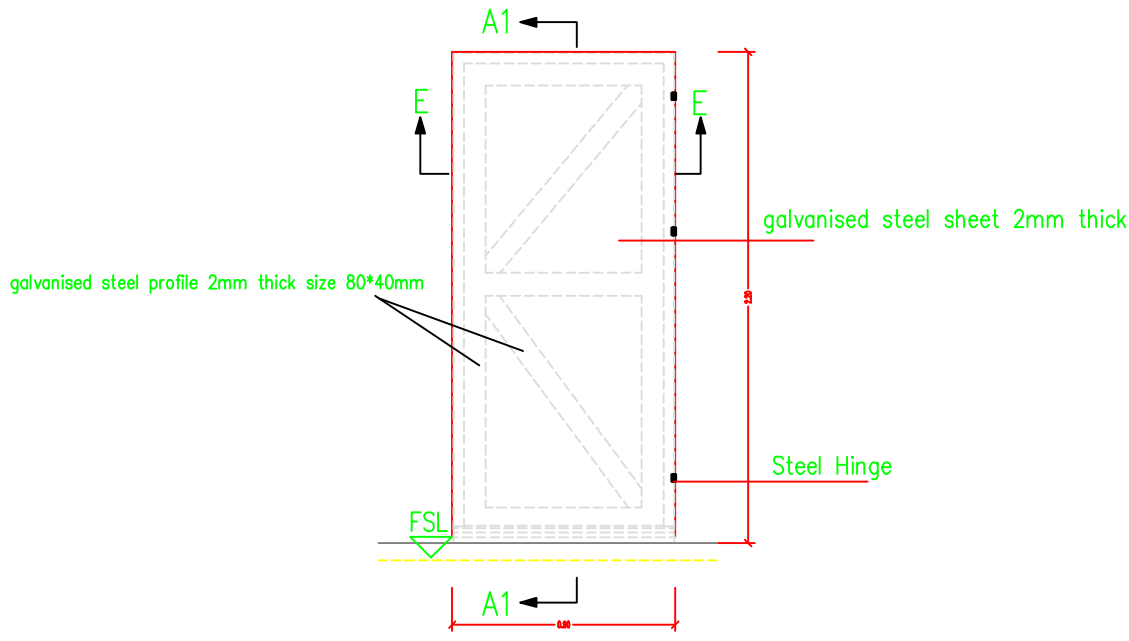
School name

Drawing name  
**STEEL DOORS DETAILS**

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

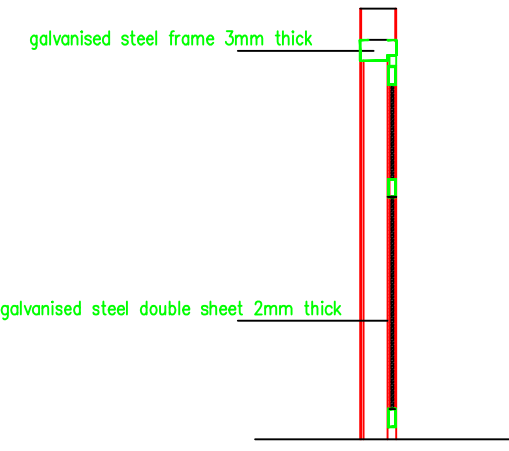


DS1

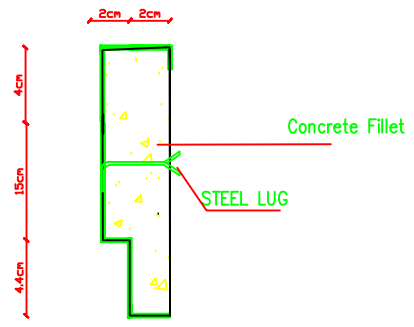


DS2

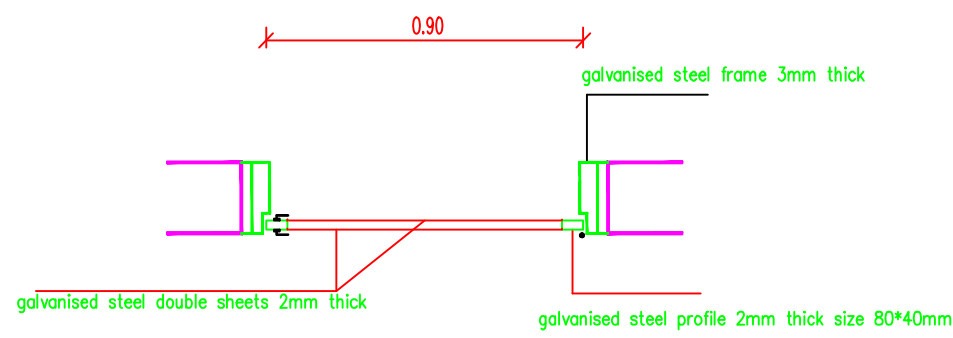
ELEVATIONS



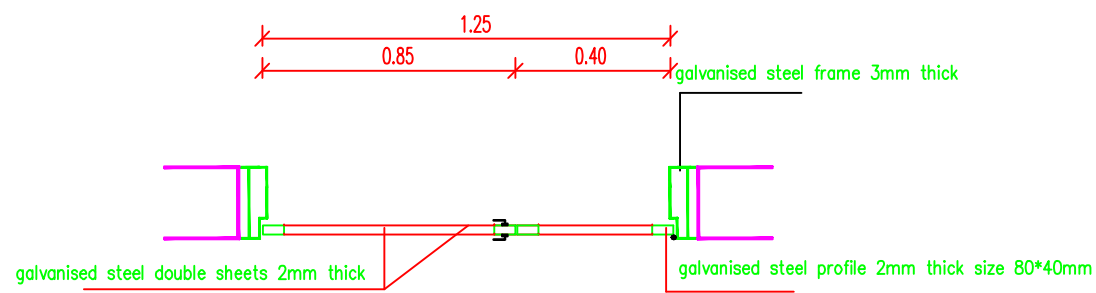
SECTION A1 - A 1



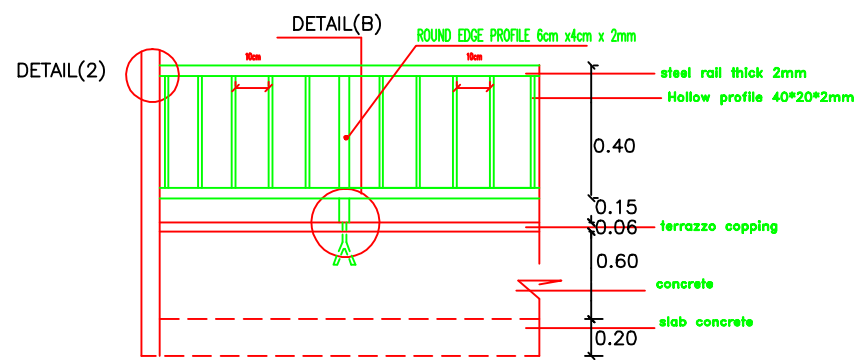
DETAIL- A-



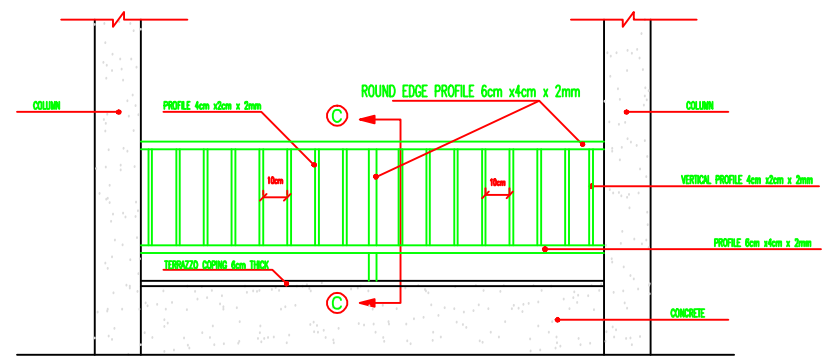
SECTION E - E



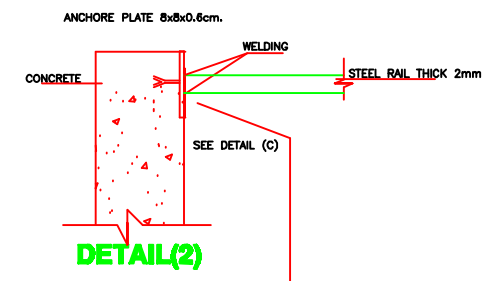
SECTION C - C



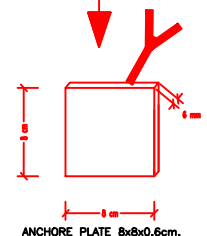
HANDRAIL DETAIL



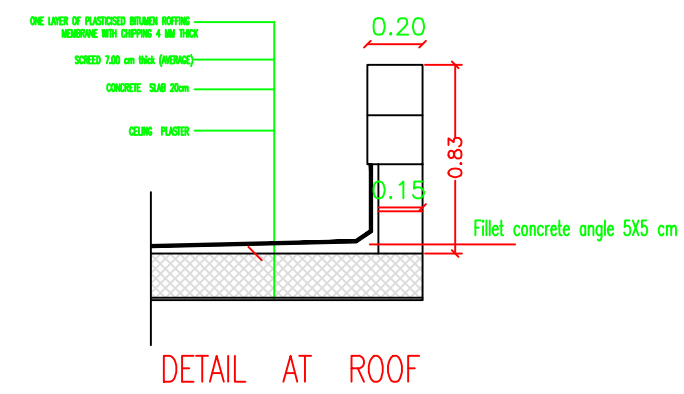
CORRIDOR HANDRAIL ELEVATION



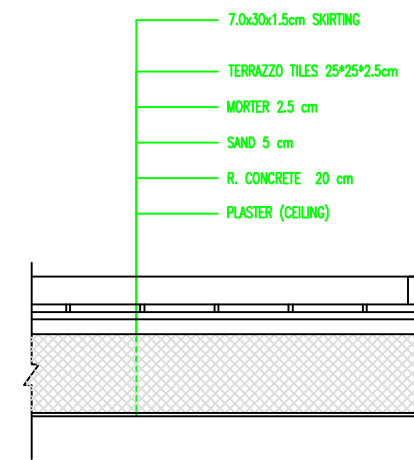
DETAIL(2)



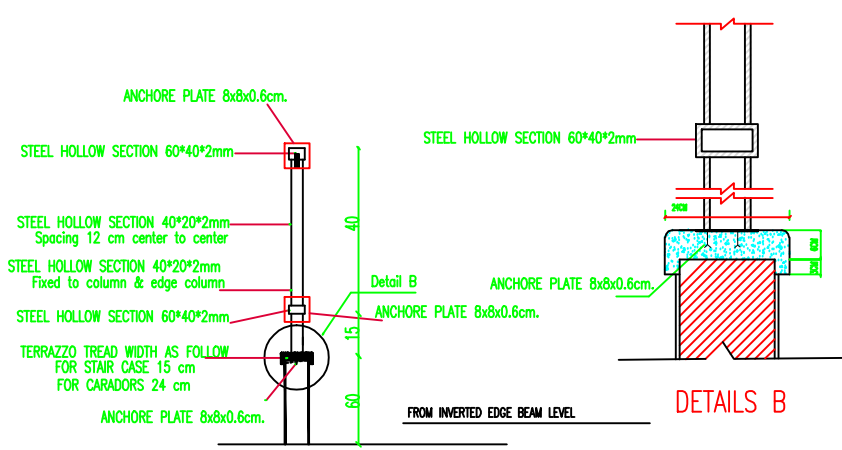
DETAIL(C)



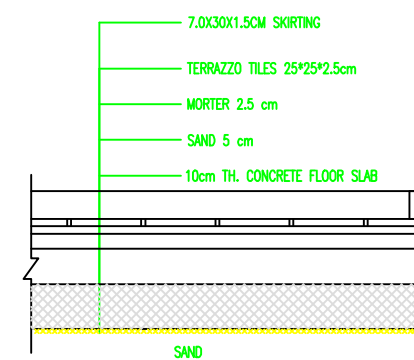
DETAIL AT ROOF



DETAIL AT TYPICAL FLOOR SLAB



CORRIDOR HANDRAIL DETAILS (SECTION C-C )



DETAIL AT GROUND FLOOR STAIR ROOFS DETAILS

NOTES:

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
AI Fakhroa Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

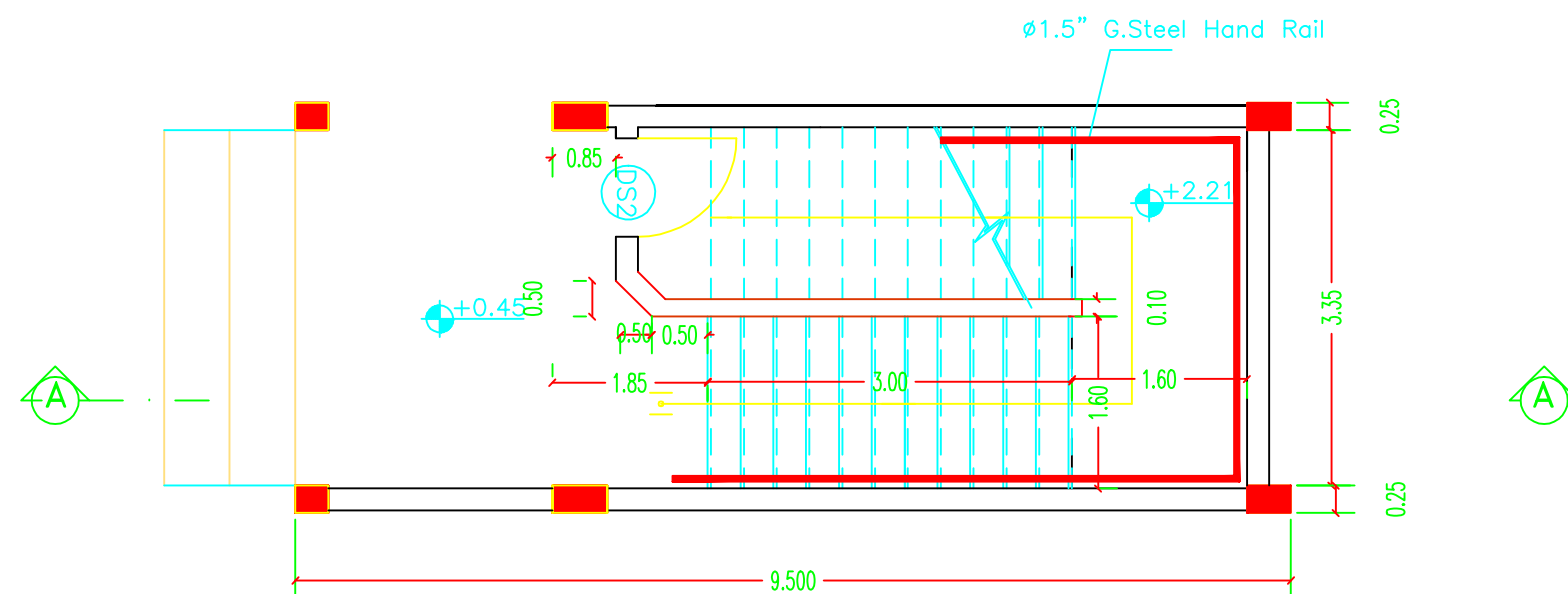
School name

Drawing name

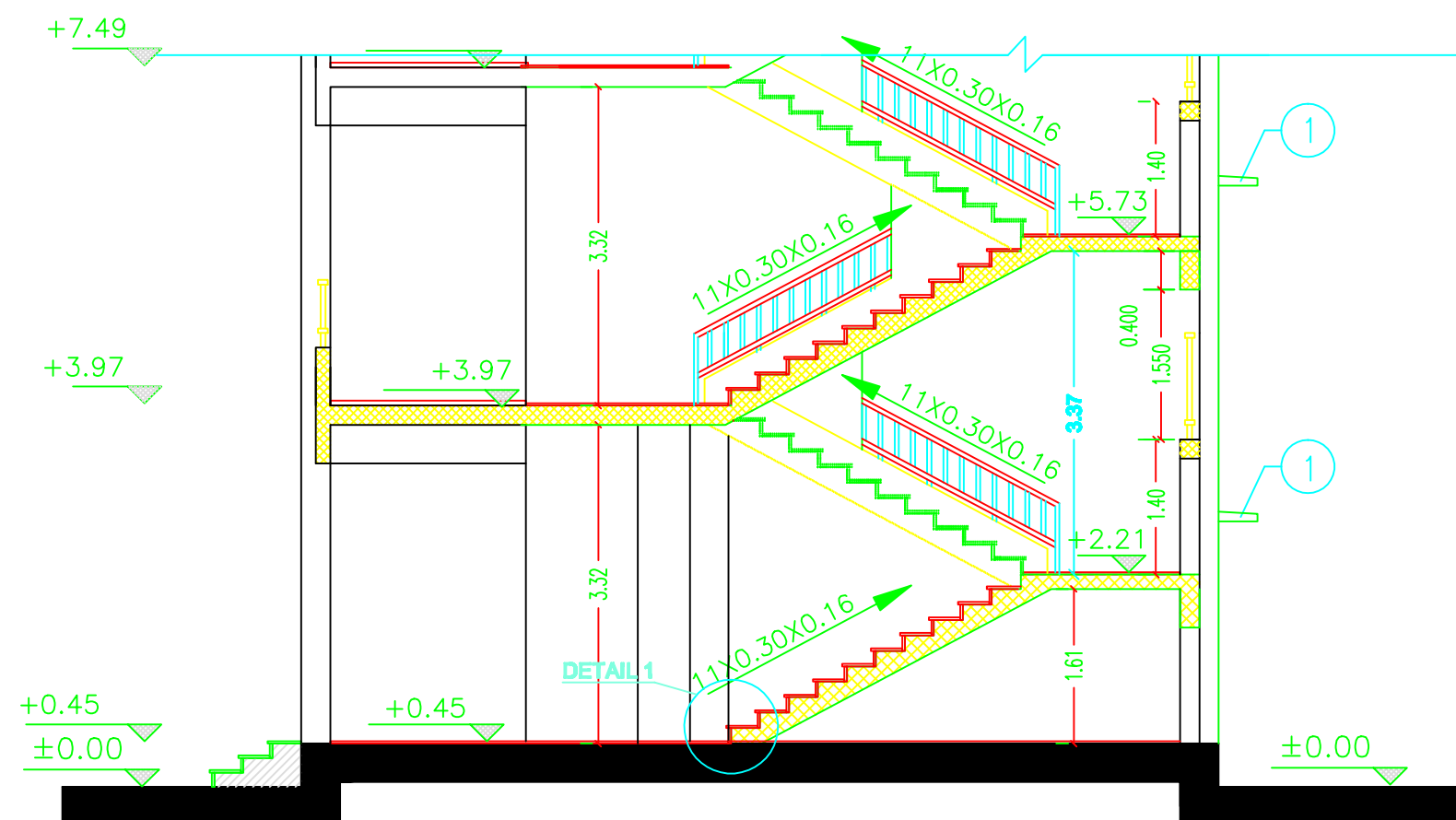
STAIR & CORRIDOR HANDRAIL DETAILS

Symbol	Drawing No.	Rev. No.
MS	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.

FOR TENDER ONLY



**PALESTINIAN NATIONAL AUTHORITY**

DONATED BY



**EDUCATION ABOVE ALL**  
**Al Fakhroo Programme**

**IMPLEMENTED BY**

**United Nations Development Programme  
Programme of Assistance the Palestinian People**

Project Name

## RIGHT TO EDUCATION

School name

**Al Horriyah Primary Boys School**

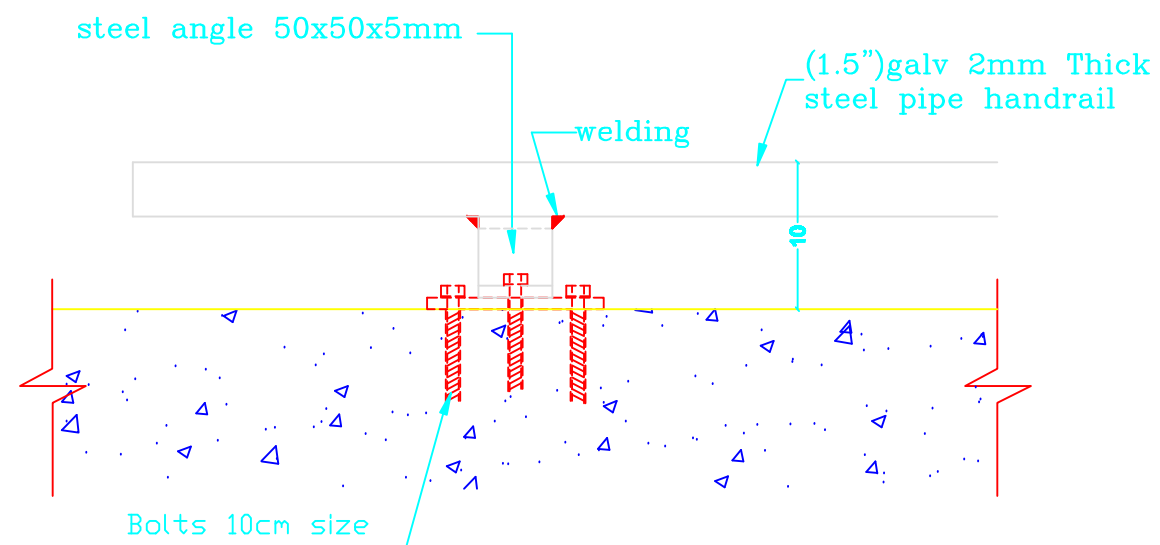
Drawing name

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



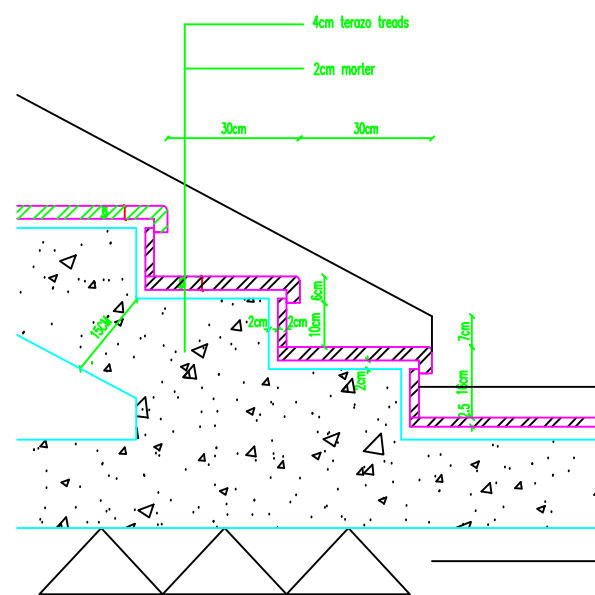
<b>Symbol</b>	<b>Drawing No.</b>	<b>Rev. No.</b>
EN	GD 09	R1

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

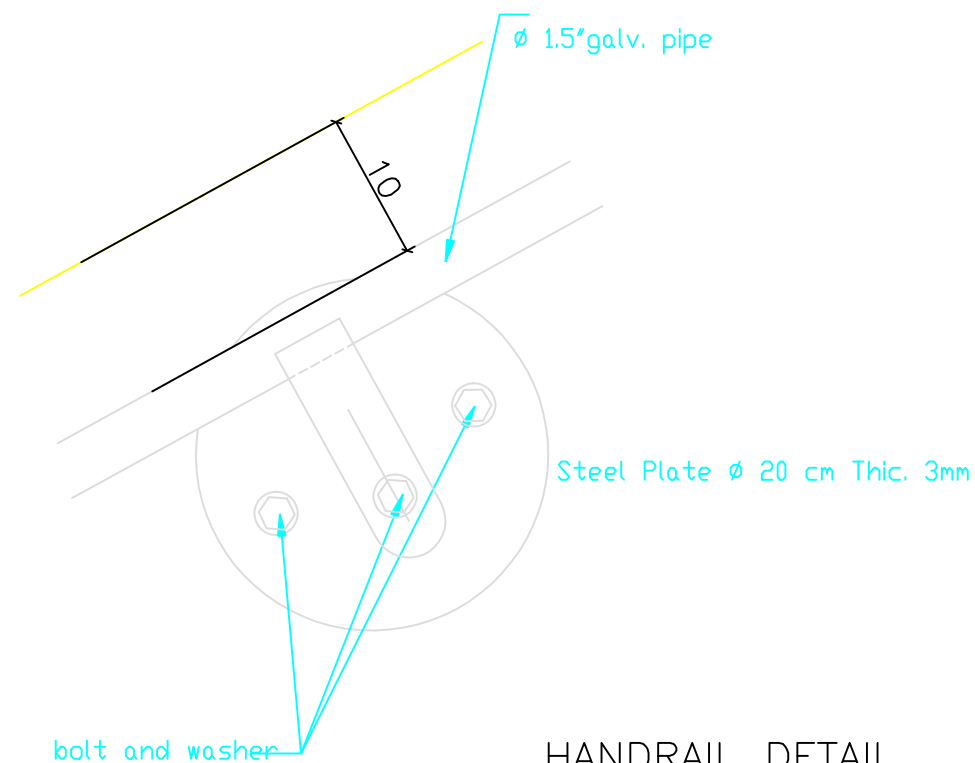


PLAN  
SCALE: 1/10

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.

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhroo Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

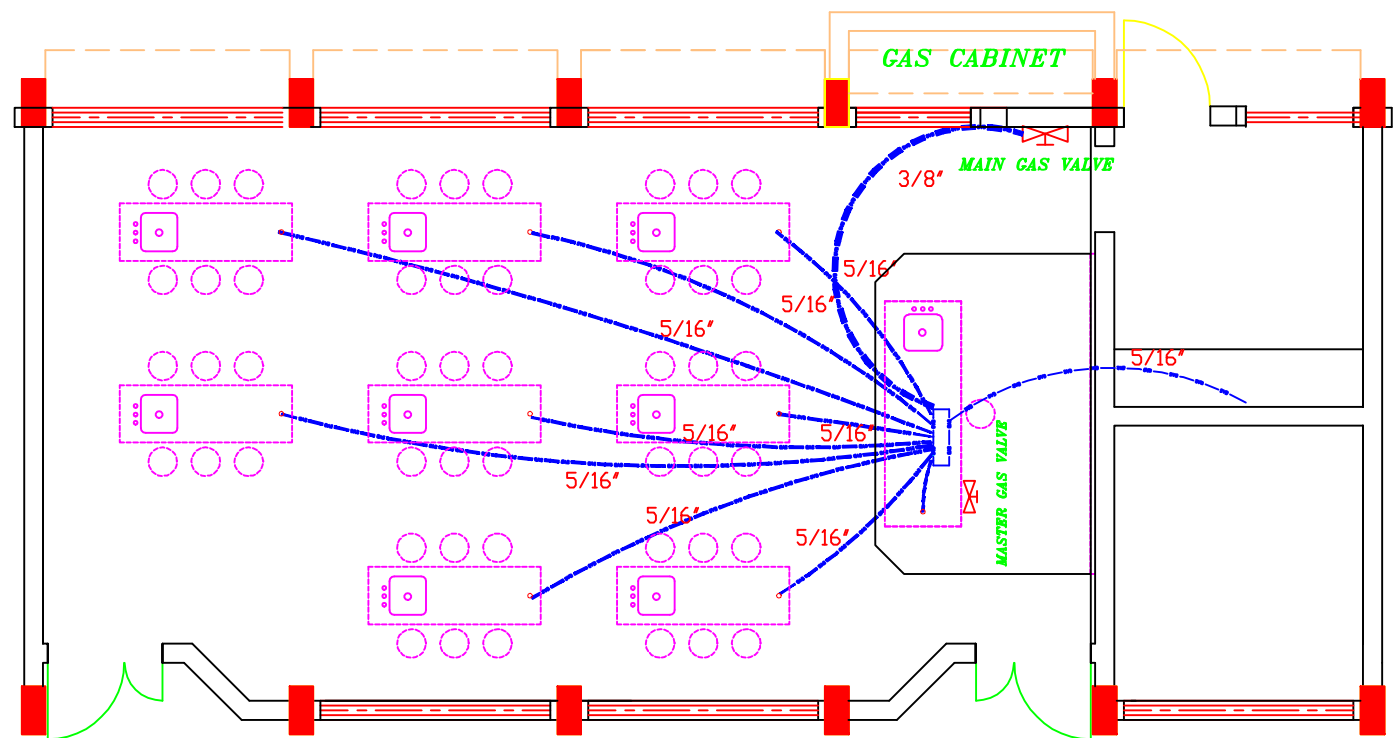
RIGHT TO EDUCATION

School name

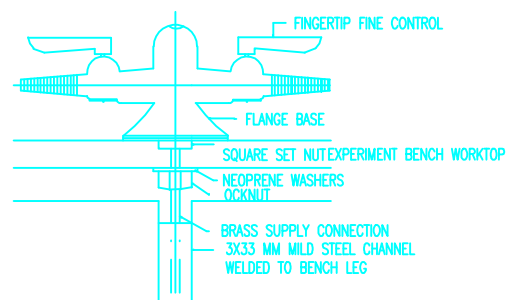
Drawing name

STAIR DETAILS-2

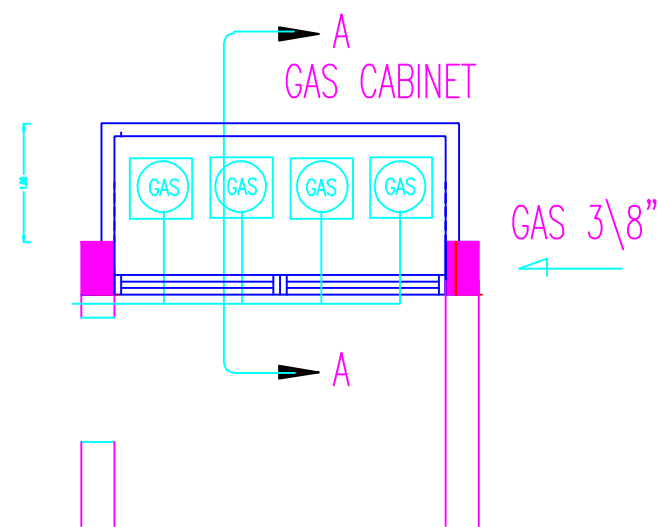
Symbol	Drawing No.	Rev. No.
100	GD 10	R1



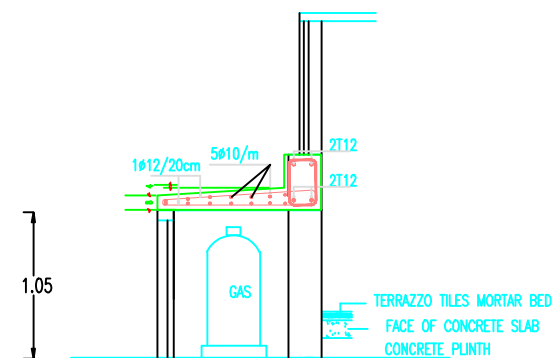
GAS DISTRIBUTION PLAN



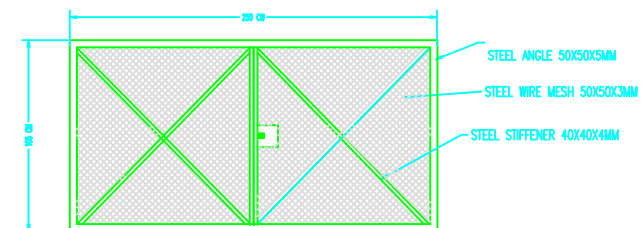
DETAIL IN DOUBLE GAS OUTLET



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.

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhroa Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Drawing name

GAS & WATER DISTRIBUTION PLAN

Symbol	Drawing No.	Rev. No.
GD	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.

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
AI Fakhroo Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

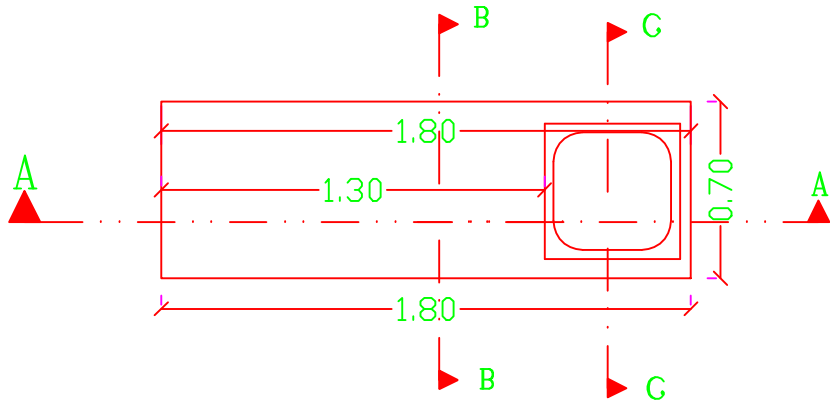
RIGHT TO EDUCATION

School name

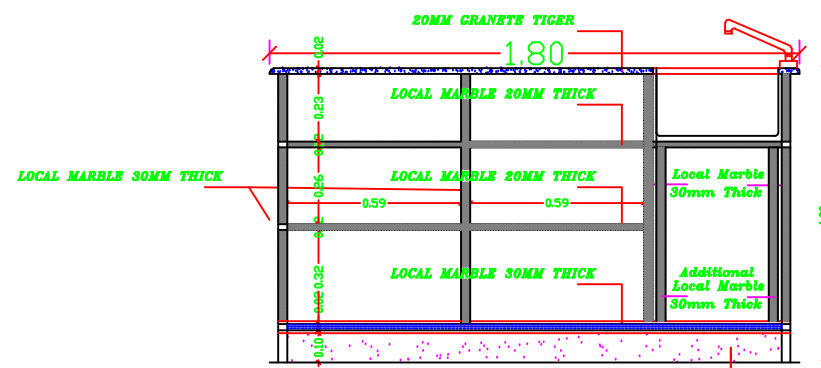
Drawing name

TABLE DETAILS

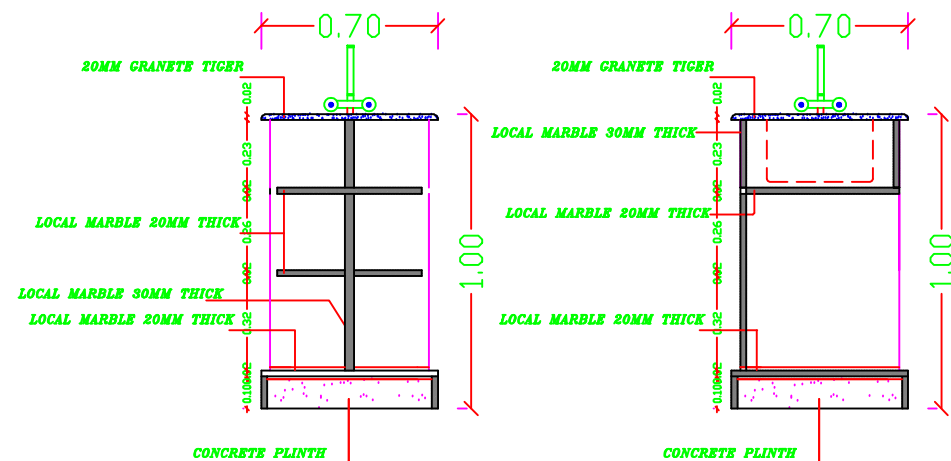
Symbol	Drawing No.	Rev. No.
200	GD 12	R1



PLAN



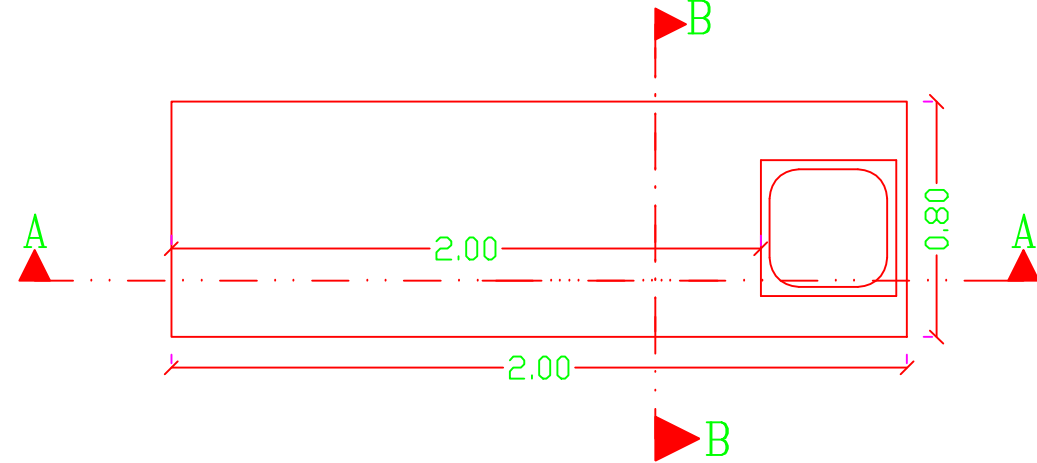
SECTION A-A



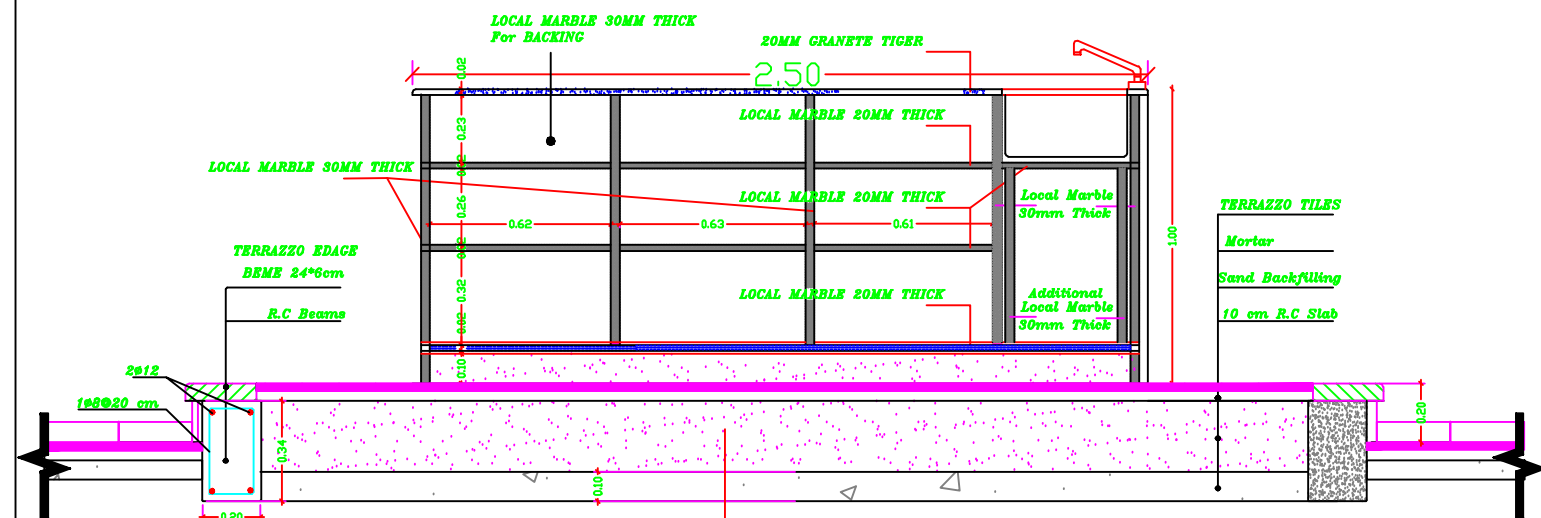
SECTION B-B

SECTION C-C

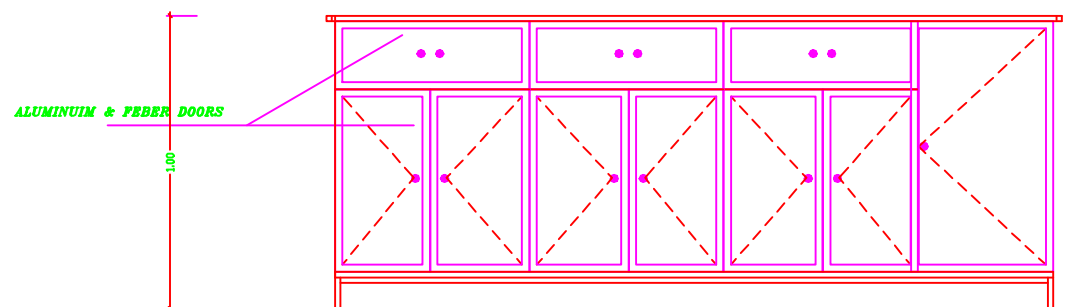
STUDENT LAB TABLE DETAILS



PLAN



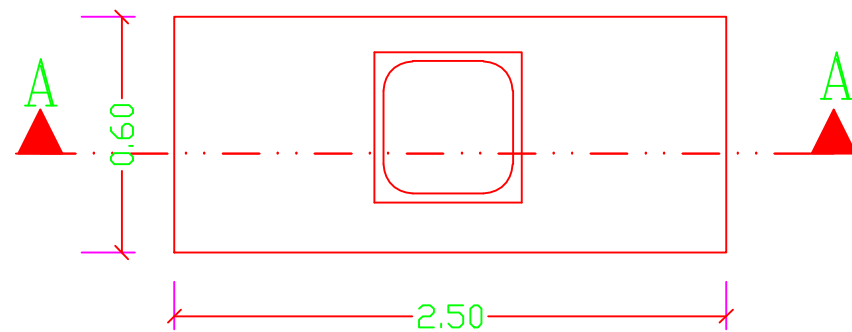
SECTION A-A



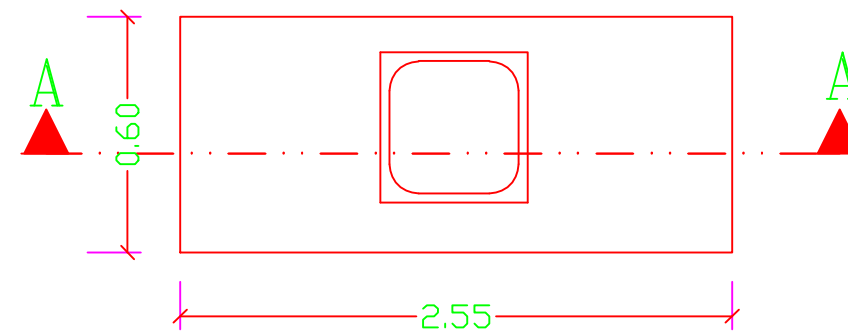
ELEVATION

TEACHER LAB TABLE DETAILS

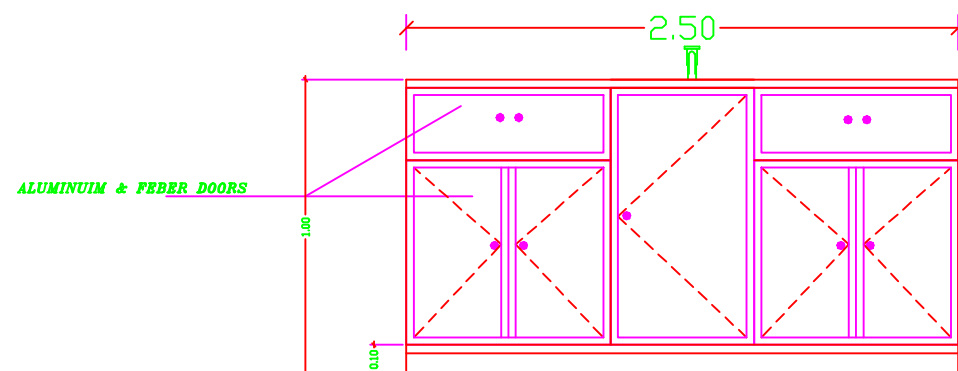
STUDENT , TEACHER  
TABLE DETAILS



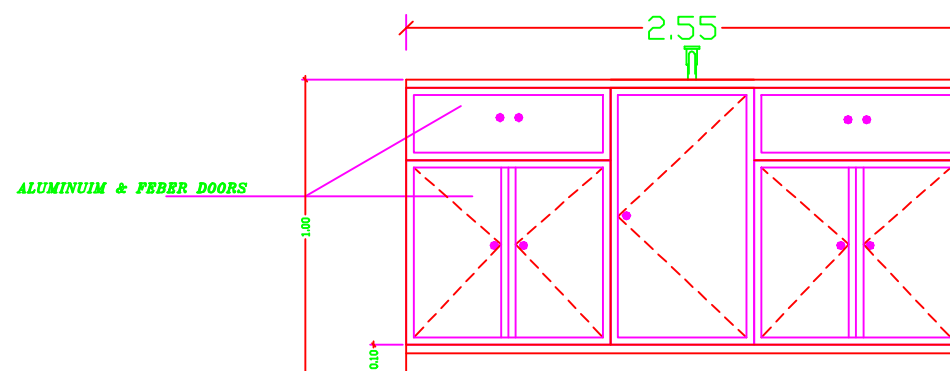
PLAN  
Kitchen Bench



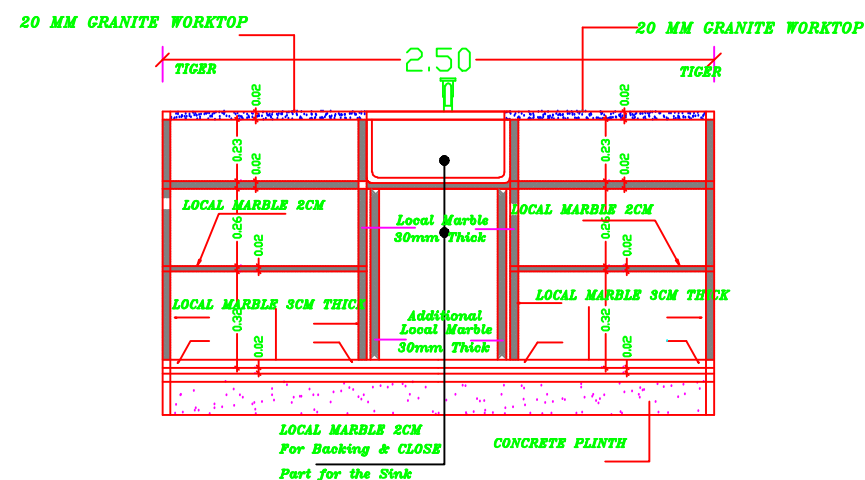
PLAN  
PREPARING ROOM.



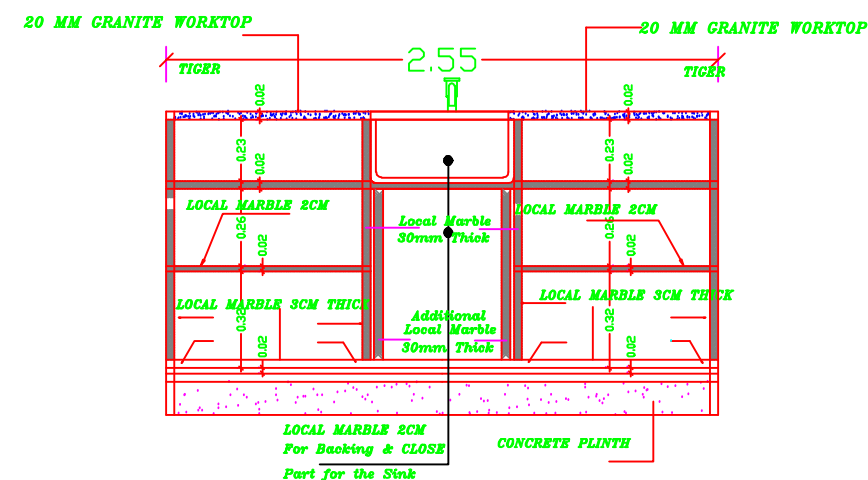
ELEVATION  
Kitchen Bench



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.

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhraa Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

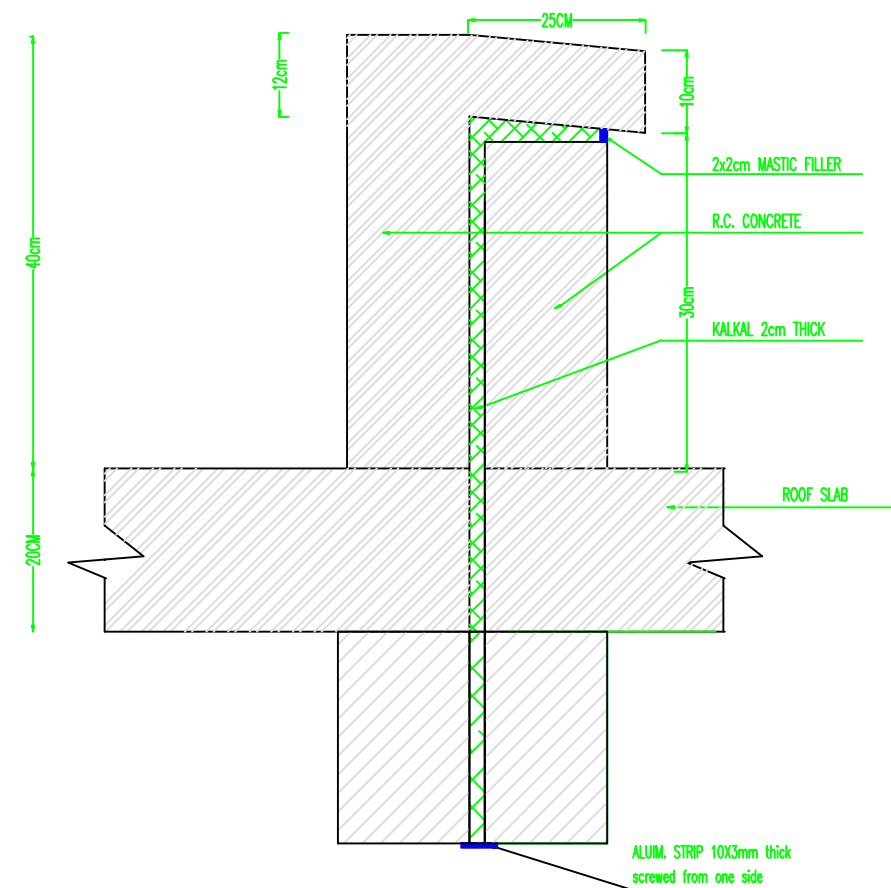
RIGHT TO EDUCATION

School name

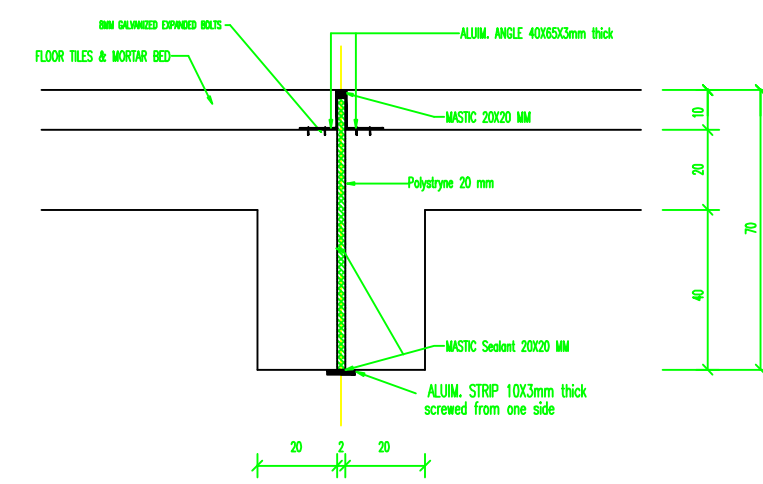
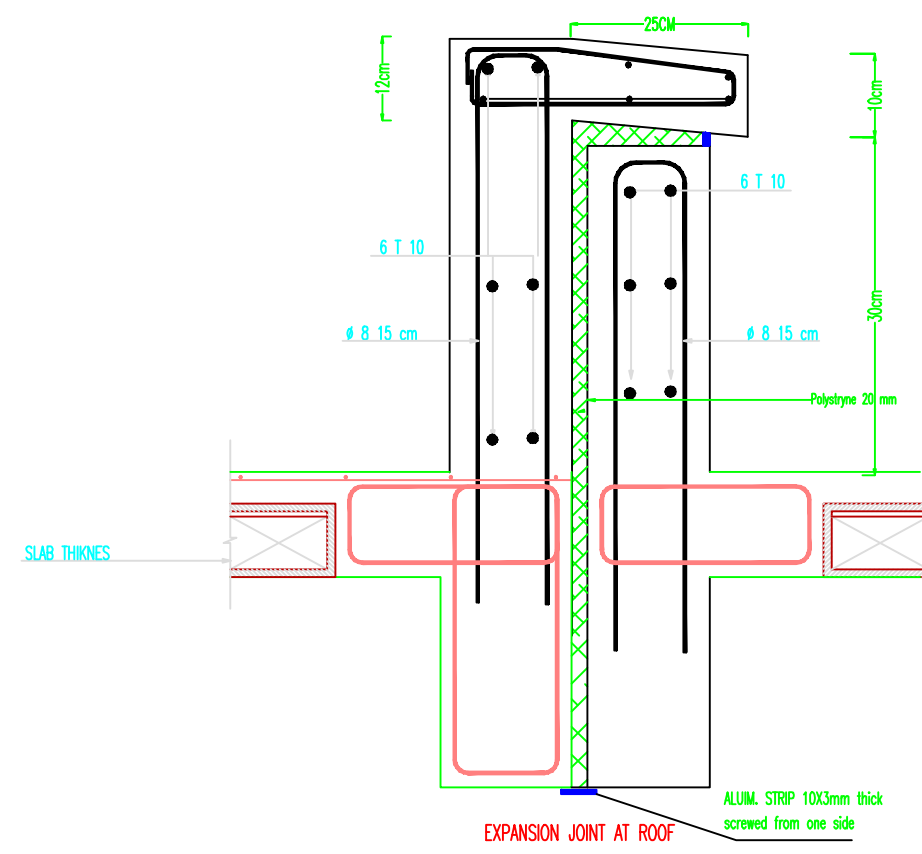
Drawing name

PREPAIRING & KITCHEN TABLE DETAILS

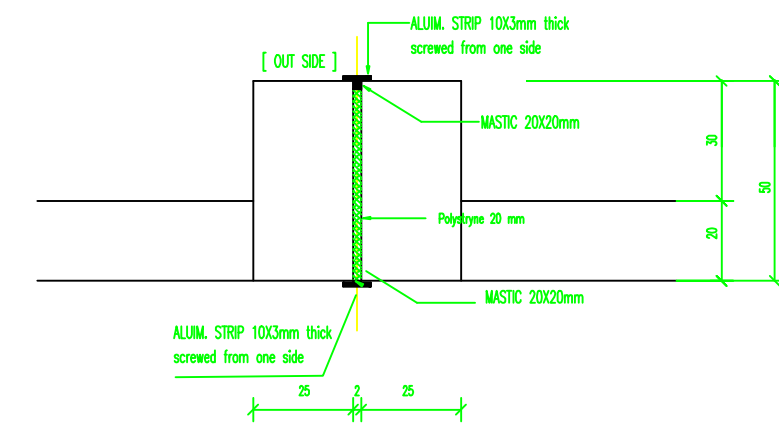
Symbol	Darwing No.	Rev. No.
100	GD 13	R1



EXPANSION JOINT AT ROOF



EXPANSION JOINT AT 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.

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Falhoora Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

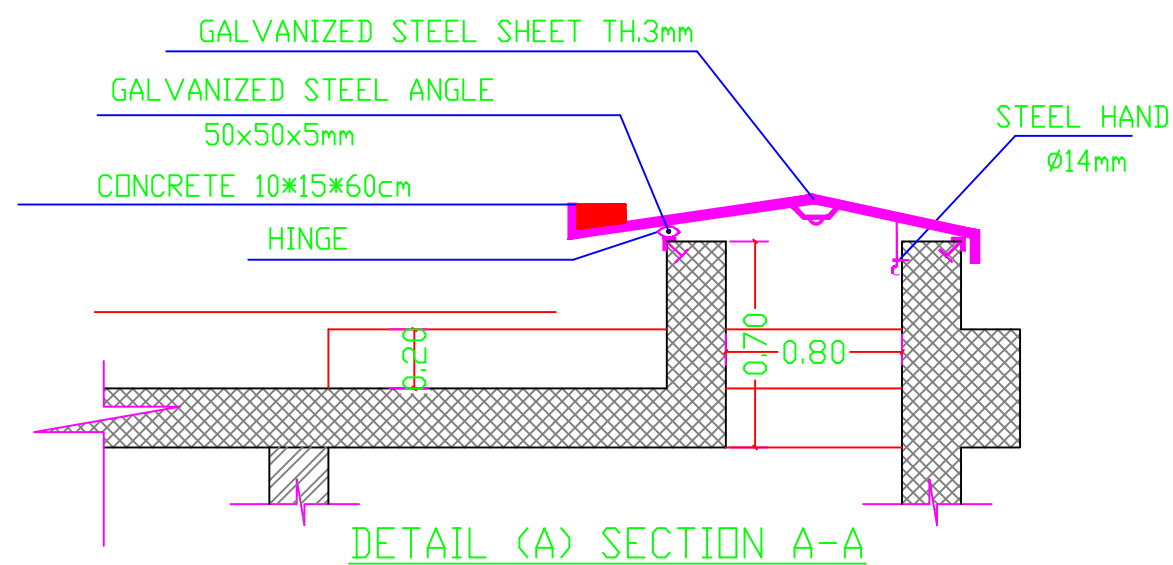
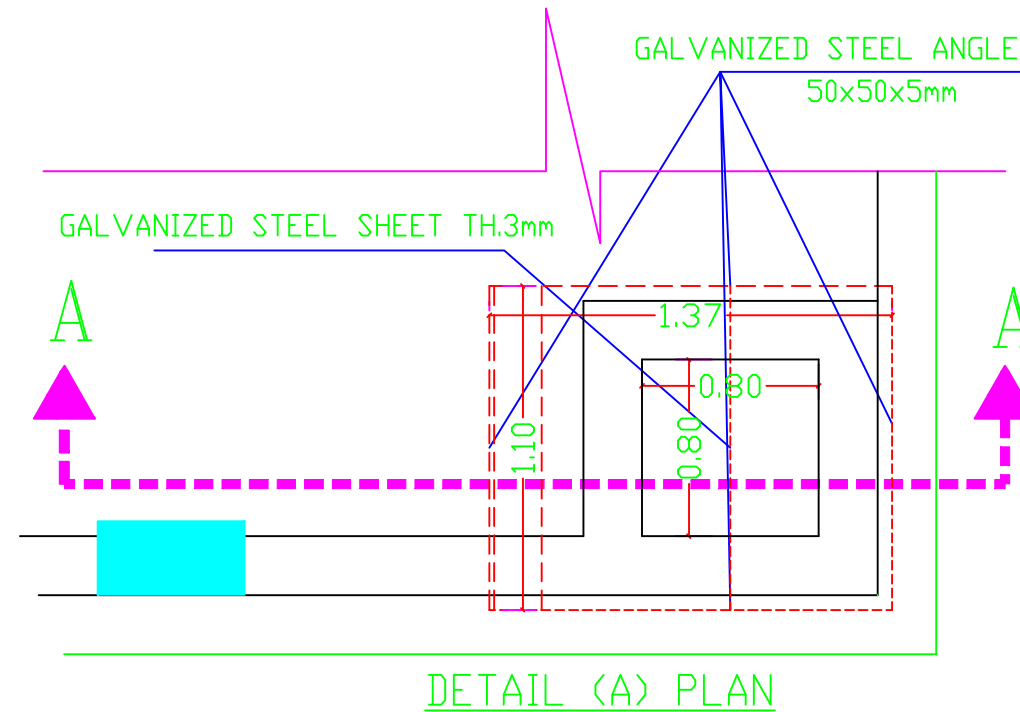
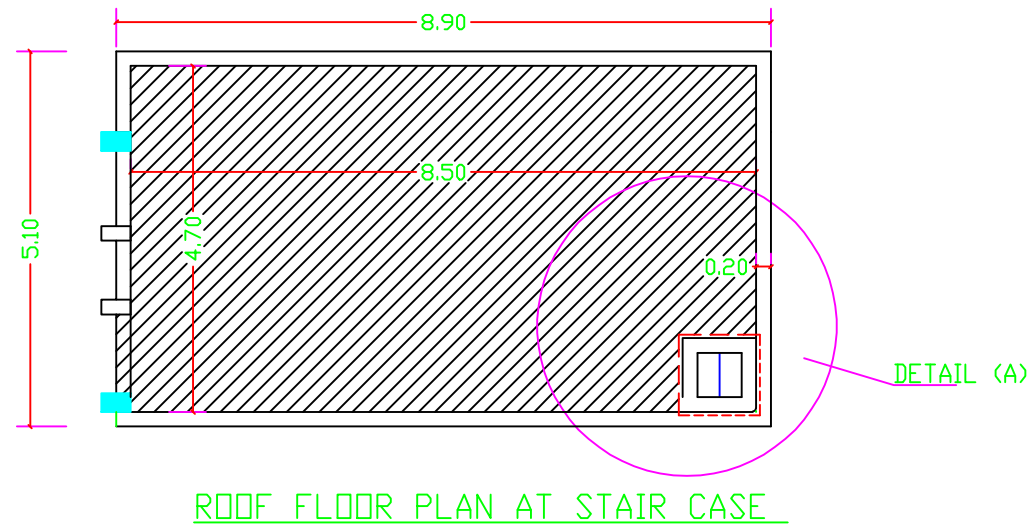
RIGHT TO EDUCATION

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 colereless 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.

FOR TENDER ONLY



PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL  
Al Fakhraa Programme

IMPLEMENTED BY



United Nations Development Programme  
Programme of Assistance the Palestinian People

Project Name

RIGHT TO EDUCATION

School name

Drawing name

ROOF OPENING DETAIL

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