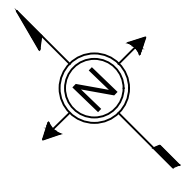


NOTES :-

1. CONTRACTOR SHALL SUBMIT THE MANUFACTURE'S DIMENSIONS, DETAILS & CONNECTIONS FOR APPROVAL OF THE ENGINEER BEFORE THE WORK COMMENCED.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.

- G.L** GROUND LEVEL
I.L INVERT LEVEL
F.T FLOOR TRAP
Ø2" 2" PVC SEWER PIPE
Ø4" 4" UPVC SEWER PIPE
Ø6" 6" UPVC SEWER PIPE
Ø8" 8" UPVC SEWER PIPE
R.W. RAIN WATER PIPE
M.H. Manhole
F.T.G Floor Trap Gully
F.C.O Floor Clean Out
M.H.G Manhole with Trap Gully



FUNDED BY:



EMPLEMENTED BY:



IN COOPERATION WITH:



CONSULTANT:



ABUSHAHLA & ASSOCIATES
"Consulting Engineers"
Palestine

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

Abo Tamam Primary Girls School

DRAWING TITLE:

Roofs Drainage Plan

DESIGN: AA

DRAWN: AA

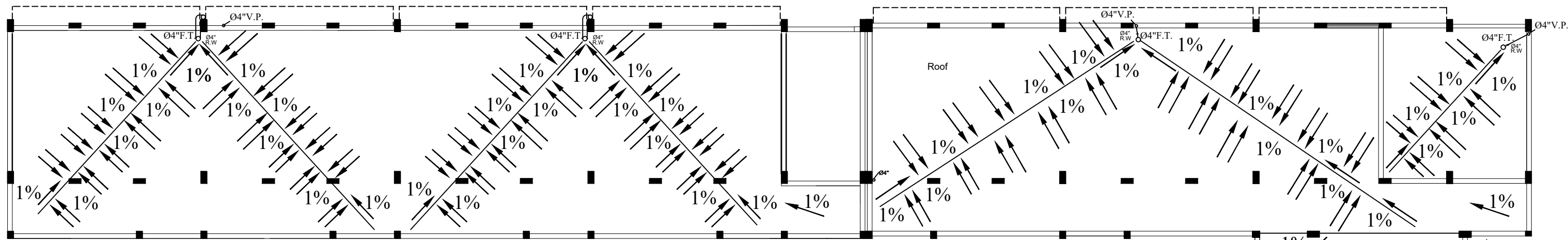
APPROVED: A.A.

SHEET NO:

M04

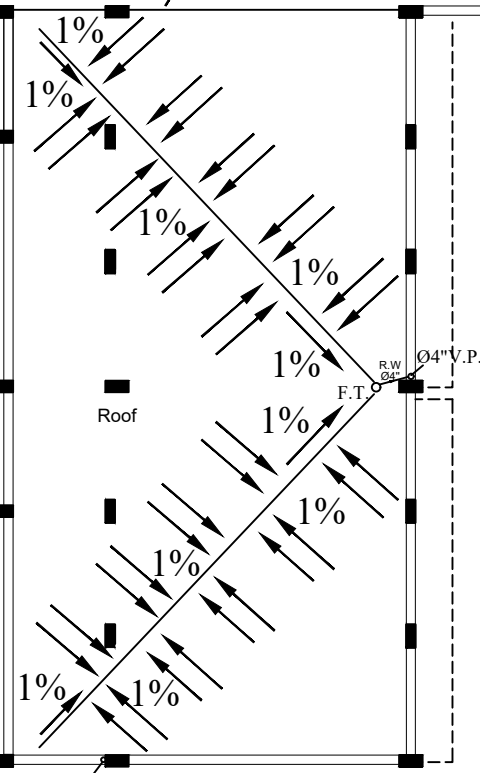
DATE:
20-February-2016

SCALE:
1:100

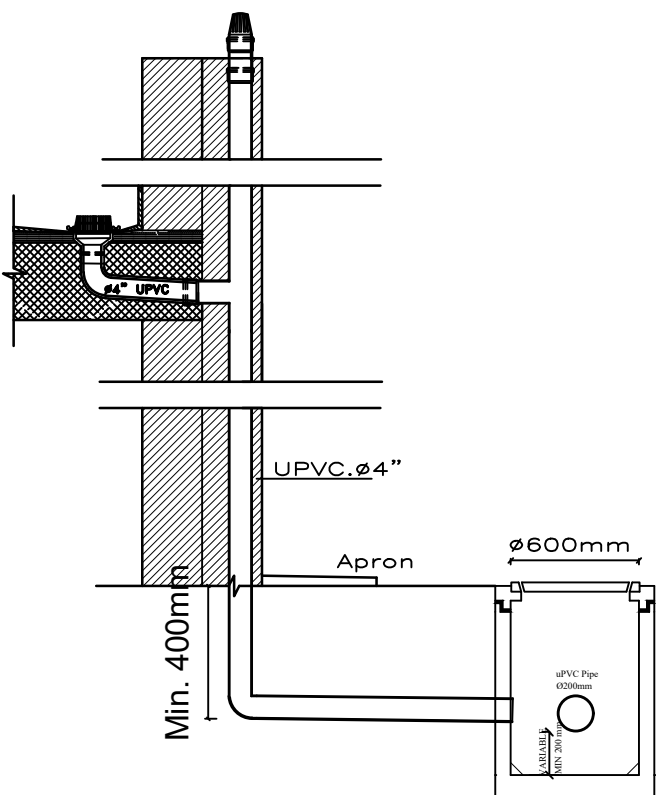


NEW FLOOR ROOF DRAINAGE PLAN

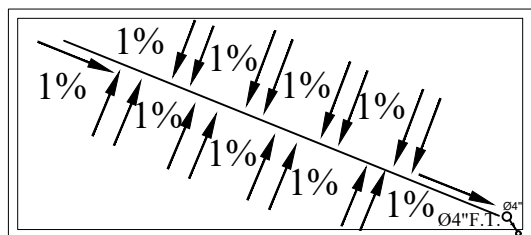
NEW BUILDING ROOF DRAINAGE PLAN



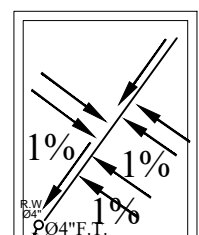
NEW BUILDING ROOF DRAINAGE PLAN



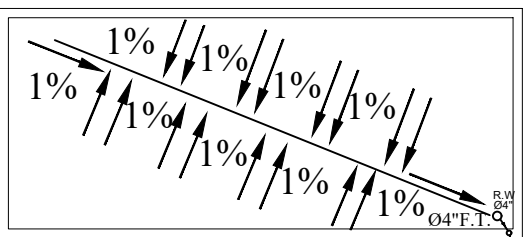
TYPICAL RAINWATER DRAINAGE
SECTION A-A



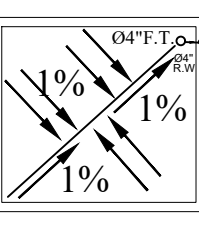
TOILET BLOCK-1 ROOF DRAINAGE PLAN



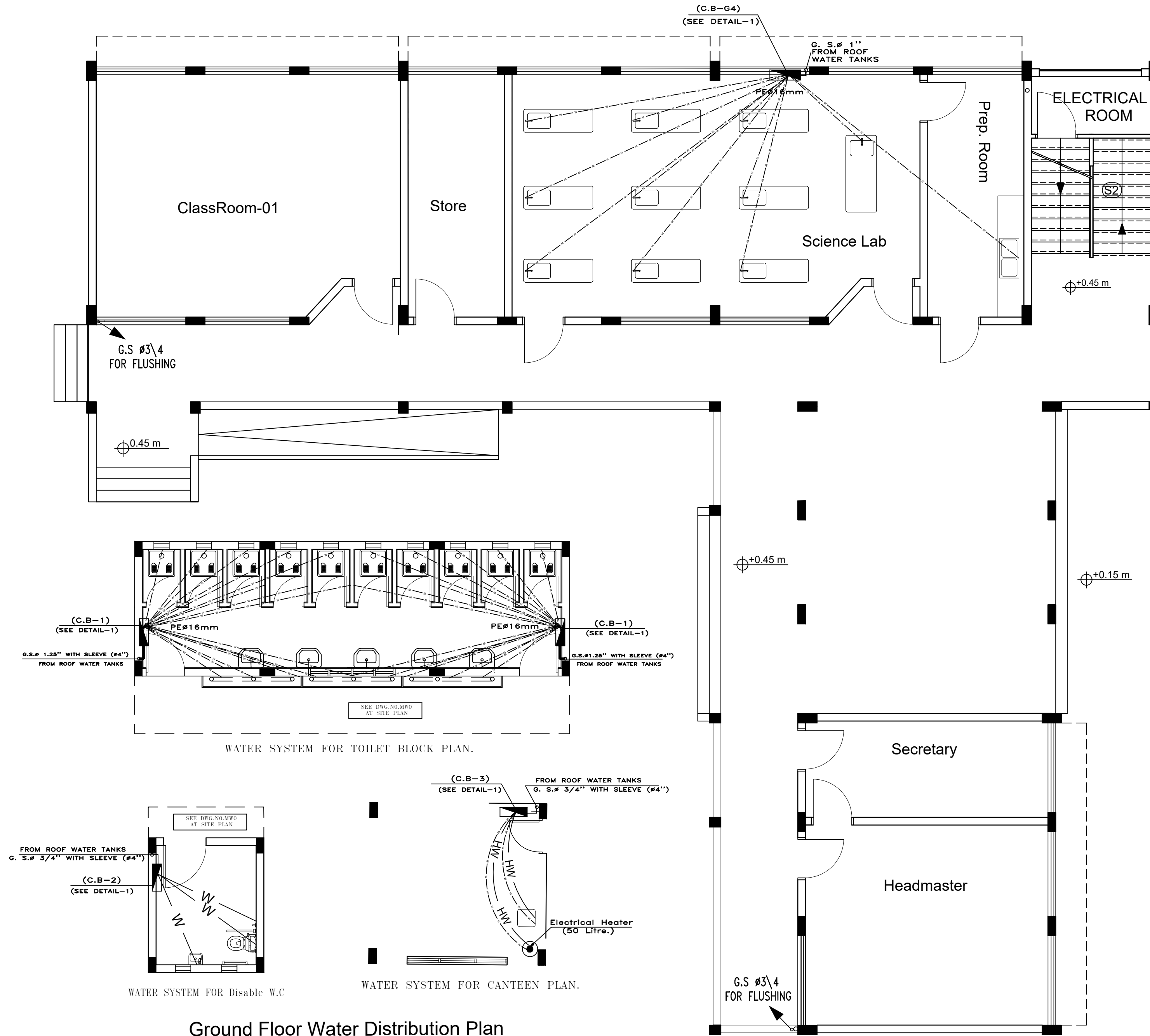
DOUBLE TOILET ROOF DRAINAGE PLAN



TOILET BLOCK-2 ROOF DRAINAGE PLAN

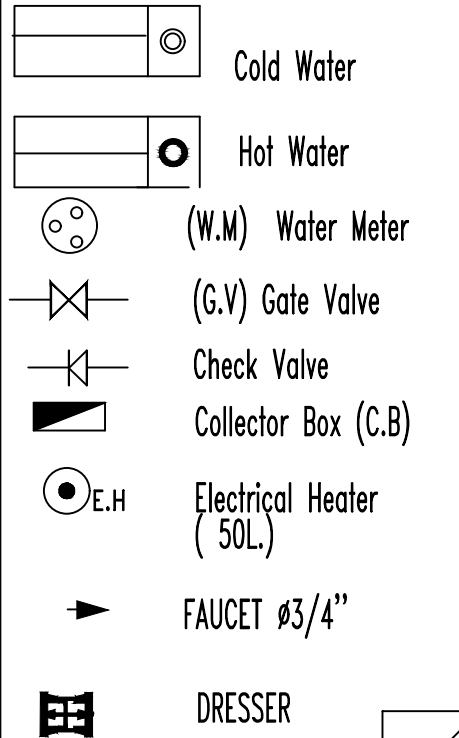


CANTEN ROOF DRAINAGE PLAN



NOTES :-

1. CONTRACTOR SHALL SUBMIT THE MANUFACTURE'S DIMENSIONS, DETAILS & CONNECTIONS FOR APPROVAL OF THE ENGINEER BEFORE THE WORK COMMENCED.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.



FUNDED BY:



EMPLEMENTED BY:



IN COOPERATION WITH:



CONSULTANT:

ABUSHAHLA & ASSOCIATES
"Consulting Engineers"
Palestine
+970-8-2864067 / +970-8-2828971

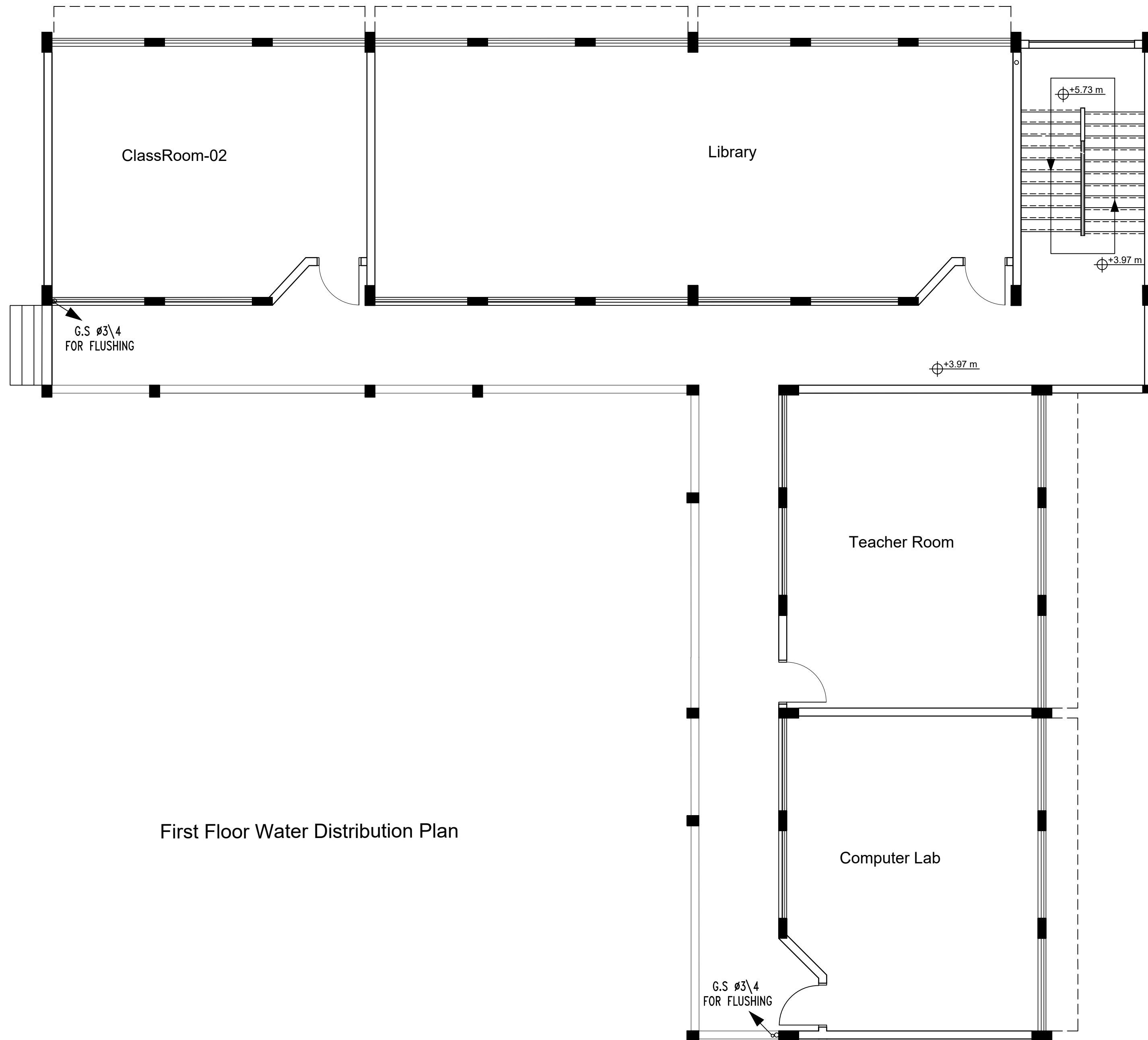
Abo Tamam Primary Girls School

DRAWING TITLE:
Ground Floor Water Distribution Plan

DESIGN: AA DATE: 20-February-2016
DRAWN: AA SCALE: 1:100
APPROVED: A.A.

SHEET NO:

M05



First Floor Water Distribution Plan

State of Palestine
Ministry of Education & Higher Education

NOTES :-

1. CONTRACTOR SHALL SUBMIT THE MANUFACTURE'S DIMENSIONS, DETAILS & CONNECTIONS FOR APPROVAL OF THE ENGINEER BEFORE THE WORK COMMENCED.

2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.

	Cold Water
	Hot Water
	(W.M) Water Meter
	(G.V) Gate Valve
	Check Valve
	Collector Box (C.B)
	Electrical Heater (50L.)
	FAUCET Ø3/4"
	DRESSER

FUNDED BY:

fakhora.org

مندوق قطر للتنمية
Qatar Development Fund

EMPLEMENTED BY:

UNDP

50 YEARS
Empowered lives, Resilient nation

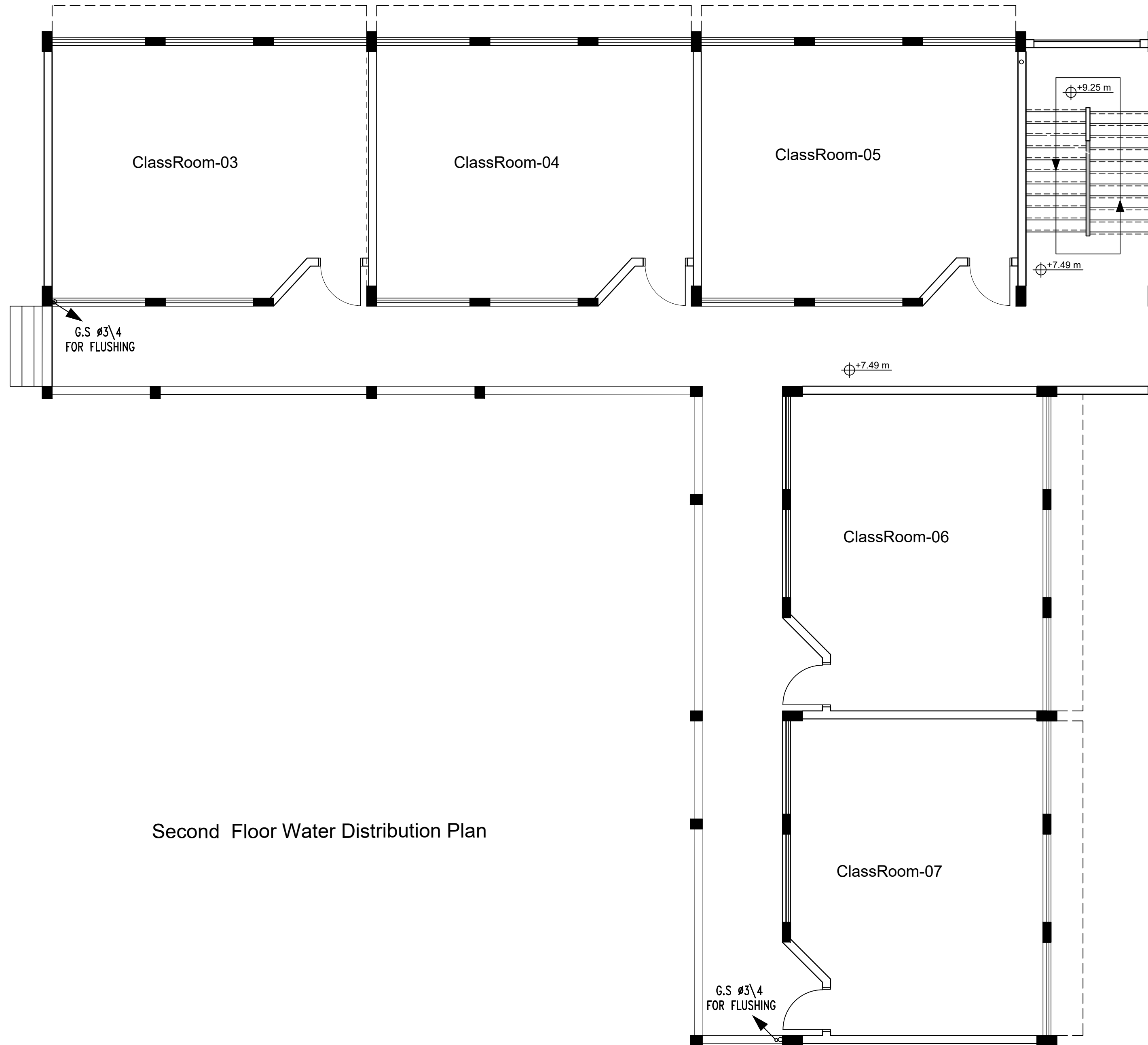
IN COOPERATION WITH:

unicef

CONSULTANT:

ABUSHAHLA & ASSOCIATES
"Consulting Engineers"
Palestine
+970-8-2864067 / +970-8-2828971

Abo Tamam Primary Girls School	
DRAWING TITLE: First Floor Water Distribution Plan	
DESIGN: AA	DATE: 20-February-2016
DRAWN: AA	SCALE: 1:100
APPROVED: A.A.	
SHEET NO:	
M06	



Second Floor Water Distribution Plan

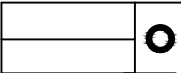


State of Palestine
Ministry of Education & Higher Education

NOTES :-

1. CONTRACTOR SHALL SUBMIT THE MANUFACTURE'S DIMENSIONS, DETAILS & CONNECTIONS FOR APPROVAL OF THE ENGINEER BEFORE THE WORK COMMENCED.

2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.

	Cold Water
	Hot Water
	(W.M) Water Meter
	(G.V) Gate Valve
	Check Valve
	Collector Box (C.B)
	Electrical Heater (50L.)
	FAUCET Ø3/4"
	DRESSER

FUNDED BY:



EMPLEMENTED BY:



50 YEARS
Empowered lives, Resilient nation

IN COOPERATION WITH:

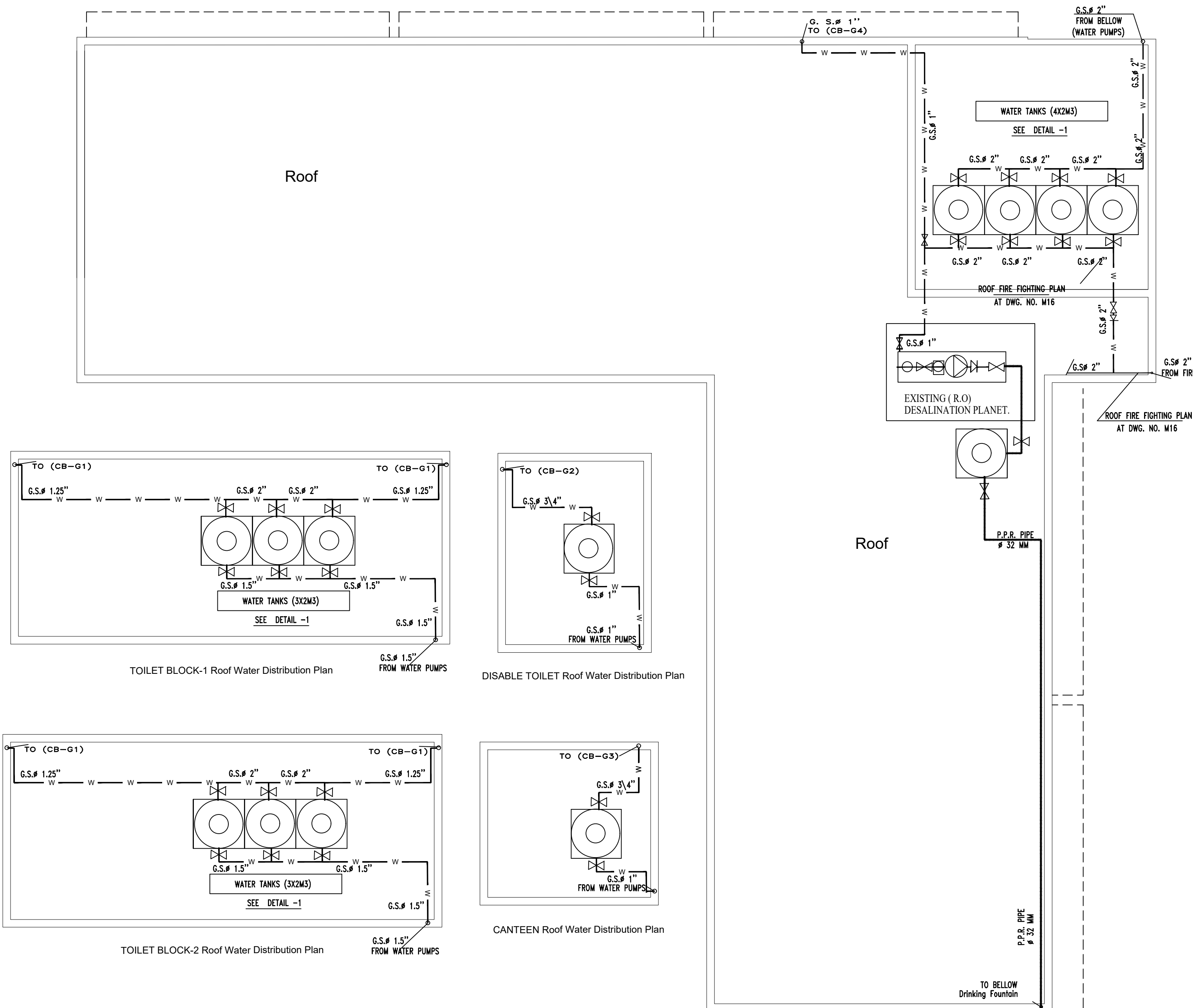


CONSULTANT:



ABUSHAHLA & ASSOCIATES
"Consulting Engineers"
Palestine
+970-8-2864067 / +970-8-2828971

Abo Tamam Primary Girls School	
DRAWING TITLE: Second Floor Water Distribution Plan	
DESIGN: AA	DATE: 20-February-2016
DRAWN: AA	SCALE: 1:100
APPROVED: A.A.	
SHEET NO: M07	



Roofs Water Distribution Plan



State of Palestine
Ministry of Education & Higher Education

NOTES :-

1. CONTRACTOR SHALL SUBMIT THE MANUFACTURE'S DIMENSIONS, DETAILS & CONNECTIONS FOR APPROVAL OF THE ENGINEER BEFORE THE WORK COMMENCED.

2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.

Cold Water

Hot Water

(W.M) Water Meter

(G.V) Gate Valve

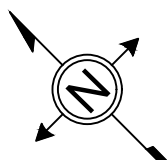
Check Valve

Collector Box (C.B)

Electrical Heater (50L.)

FAUCET Ø3/4"

DRESSER



FUNDED BY:



EMPLEMENTED BY:



50 YEARS

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IN COOPERATION WITH:



CONSULTANT:



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"Consulting Engineers"
Palestine
+970-8-2864067 / +970-8-2828971

Abo Tamam Primary Girls School

DRAWING TITLE:
Roofs Water Distribution Plan

DESIGN: AA

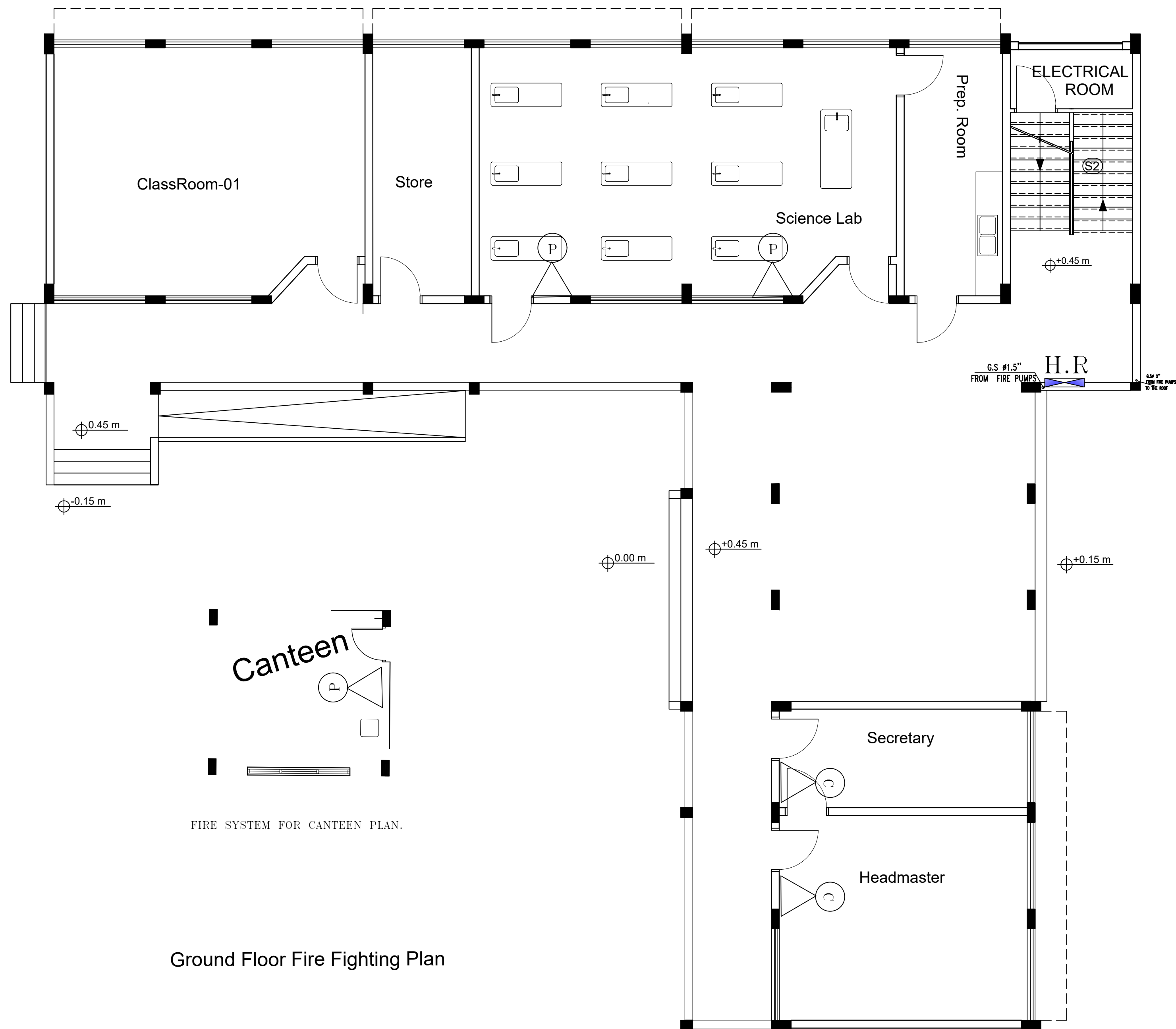
DRAWN: AA

APPROVED: A.A.

SHEET NO:
M08

DATE:
20-February-2016

SCALE:
1:100



Ground Floor Fire Fighting Plan



State of Palestine
Ministry of Education & Higher Education

NOTES :-

1. CONTRACTOR SHALL SUBMIT THE MANUFACTURE'S DIMENSIONS, DETAILS & CONNECTIONS FOR APPROVAL OF THE ENGINEER BEFORE THE WORK COMMENCED.

2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.

(P) FIRE EXTINGUISHER (DRY POWDER 3 K.G.)

(C) FIRE EXTINGUISHER (CO2 GAS 3 K.G.)

H.R. Hose Reel Cabinet (80x80x25 cm)

(G.V.) Gate Valve

Check Valve

WATER PUMP

G.S. GALVANIZED STEEL PIPE

DRESSER

FUNDED BY:



EMPLEMENTED BY:



Empowered lives, Resilient nation

IN COOPERATION WITH:



CONSULTANT:



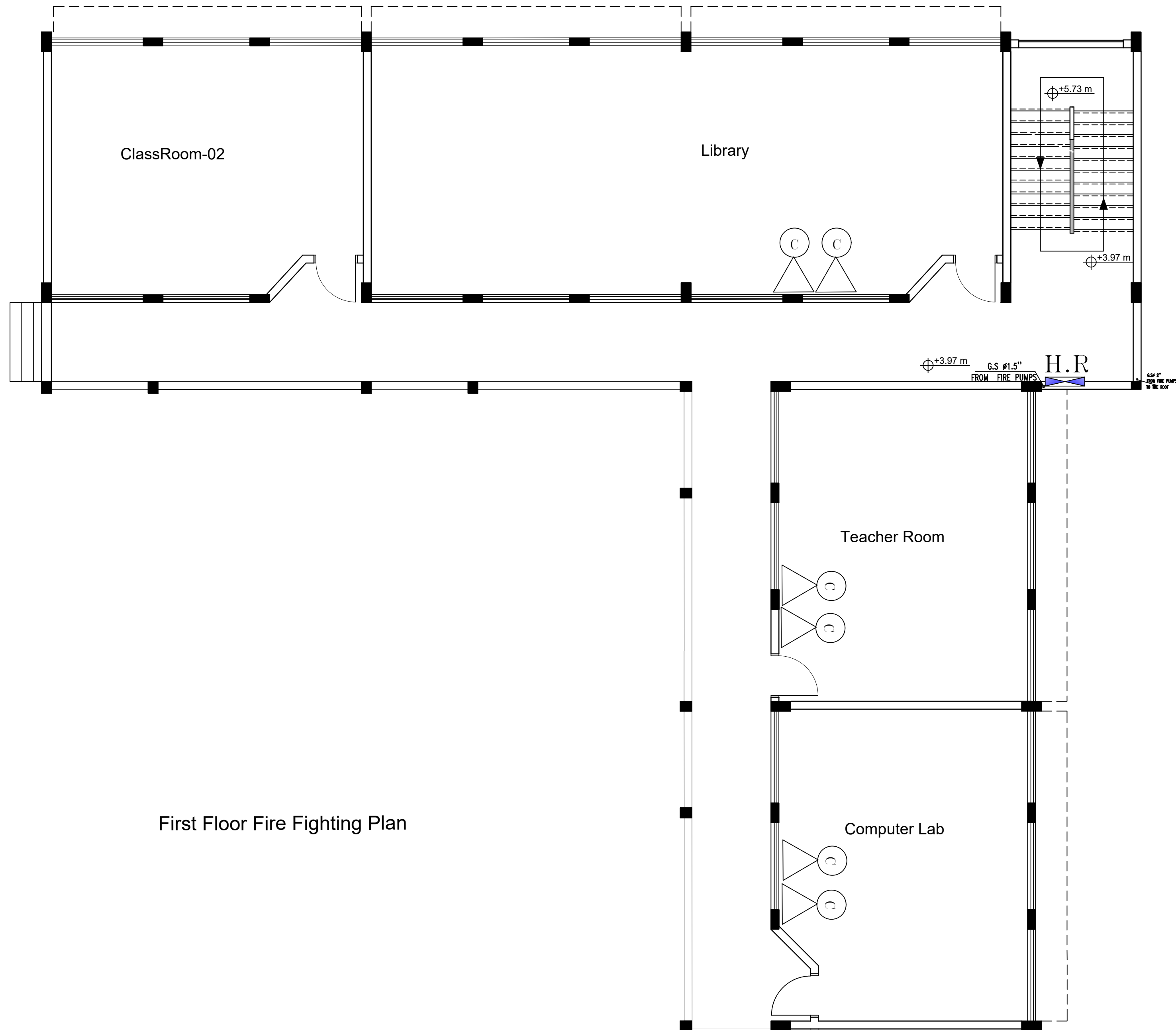
ABUSHAHLA & ASSOCIATES
"Consulting Engineers"
Palestine
+970-8-2864067 / +970-8-2828971

Abo Tamam Primary Girls School

DRAWING TITLE:
Ground Floor Fire Fighting Plan

DESIGN: AA	DATE: 20-February-2016
DRAWN: AA	SCALE: 1:100
APPROVED: A.A.	

SHEET NO:
M09



First Floor Fire Fighting Plan

State of Palestine
Ministry of Education & Higher Education

NOTES :-

1. CONTRACTOR SHALL SUBMIT THE MANUFACTURE'S DIMENSIONS, DETAILS & CONNECTIONS FOR APPROVAL OF THE ENGINEER BEFORE THE WORK COMMENCED.

2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.

P FIRE EXTINGUISHER (DRY POWDER 3 K.G.)

C FIRE EXTINGUISHER (CO2 GAS 3 K.G.)

H.R Hose Reel Cabinet (80x80x25 cm)

(G.V) Gate Valve

Check Valve

WATER PUMP

G.S. GALVANIZED STEEL PIPE

DRESSER

FUNDED BY:

fakhora.org

مندوق قطر للتنمية
Qatar Development Fund

EMPLEMENTED BY:

UNDP 50 YEARS
Empowered lives, Resilient nation

IN COOPERATION WITH:

unicef

CONSULTANT:

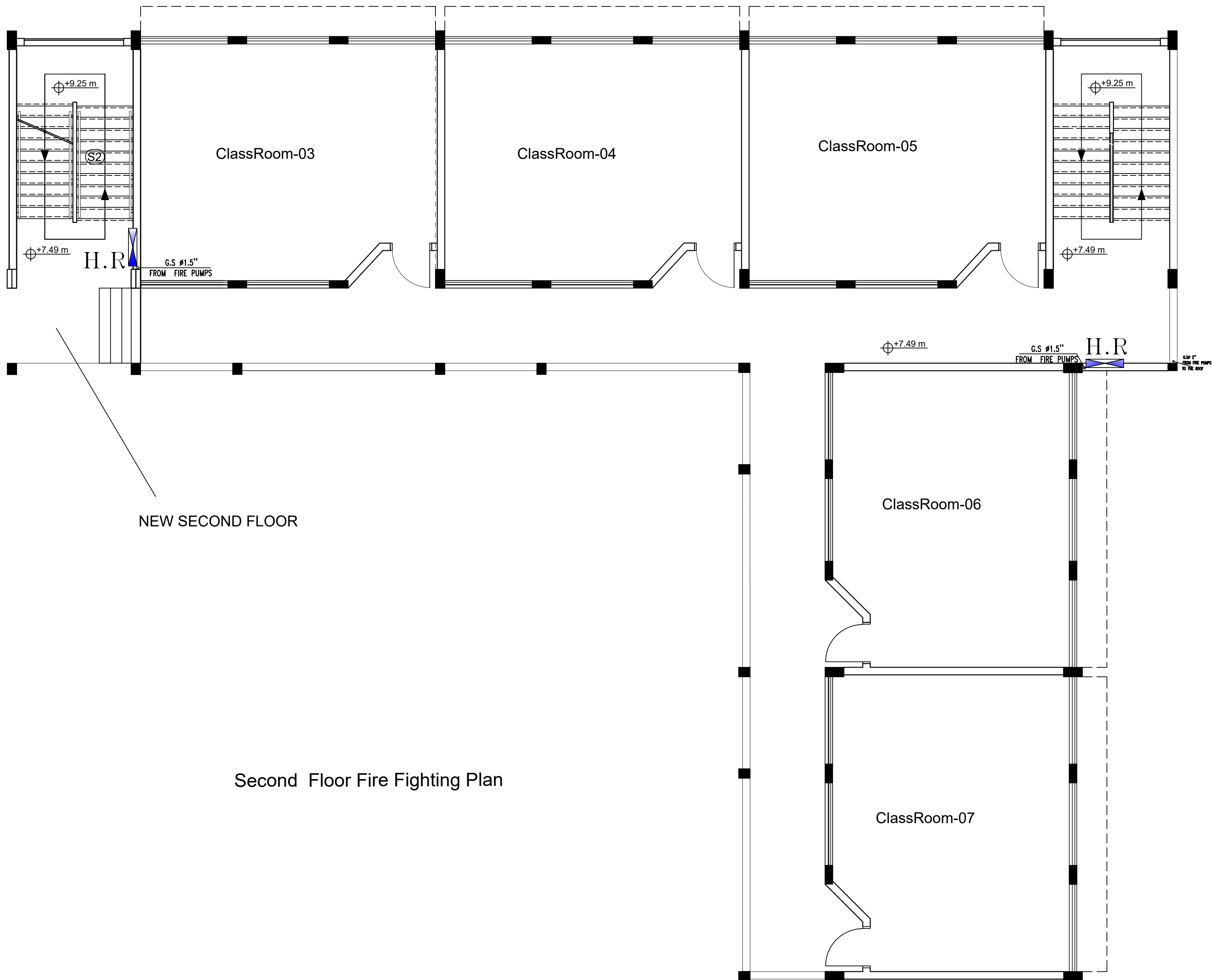
ABUSHAHLA & ASSOCIATES
"Consulting Engineers"
Palestine
+970-8-2864067 / +970-8-2828971

Abo Tamam Primary Girls School

DRAWING TITLE:
First Floor Fire Fighting Plan

DESIGN: AA	DATE: 20-February-2016
DRAWN: AA	SCALE: 1:100
APPROVED: A.A.	

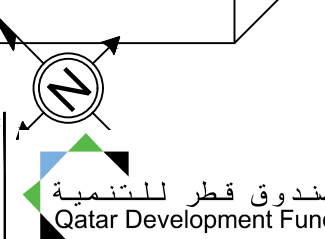
SHEET NO:
M10



NOTES :-
1. CONTRACTOR SHALL SUBMIT THE MANUFACTURE'S DIMENSIONS, DETAILS & CONNECTIONS FOR APPROVAL OF THE ENGINEER BEFORE THE WORK COMMENCED.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.

-  FIRE EXTINGUISHER (DRY POWDER 3 K.G.)
-  FIRE EXTINGUISHER (CO2 GAS 3 K.G.)
-  H.R. Hose Reel Cabinet (80x80x25 cm)
-  (G.V.) Gate Valve
-  Check Valve
-  WATER PUMP
-  G.S. GALVANIZED STEEL PIPE
-  DRESSER

FUNDED BY:



EMPLEMENTED BY:



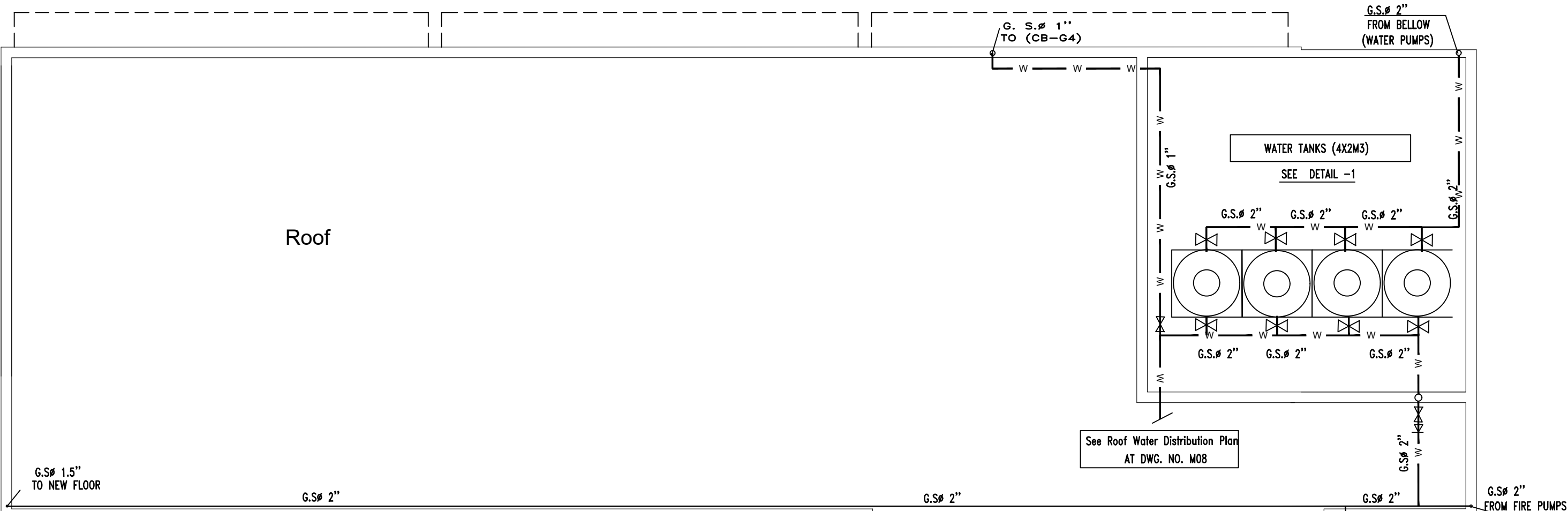
IN COOPERATION WITH:



CONSULTANT:



Abo Tamam Primary Girls School	
DRAWING TITLE: Second Floor Fire Fighting Plan	
DESIGN: AA	DATE: 20-February-2016
DRAWN: AA	SCALE: 1:100
APPROVED: A.A.	
SHEET NO:	
M11	



Roof Fire Fighting Plan



State of Palestine
Ministry of Education & Higher Education

NOTES :-

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P

FIRE EXTINGUISHER
(DRY POWDER 3 K.G)

C

FIRE EXTINGUISHER
(CO2 GAS 3 K.G)

H.R

Hose Reel Cabinet
(80x80x25 cm)

G.V

(G.V) Gate Valve

Check Valve

WATER PUMP

G.S.

GALVANIZED STEEL PIPE

DRESSER

FUNDED BY:



EMPLEMENTED BY:



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IN COOPERATION WITH:

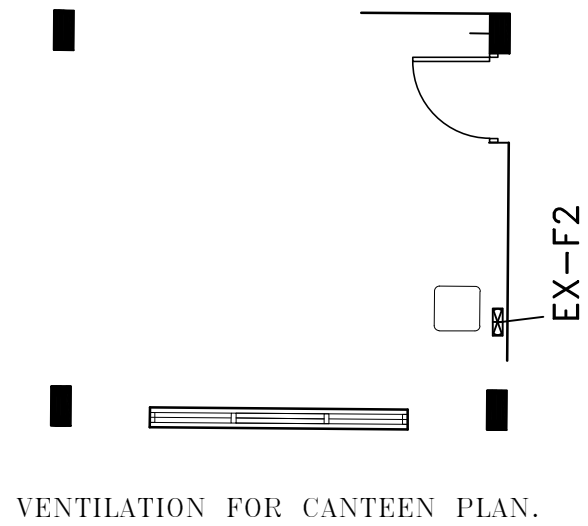


CONSULTANT:

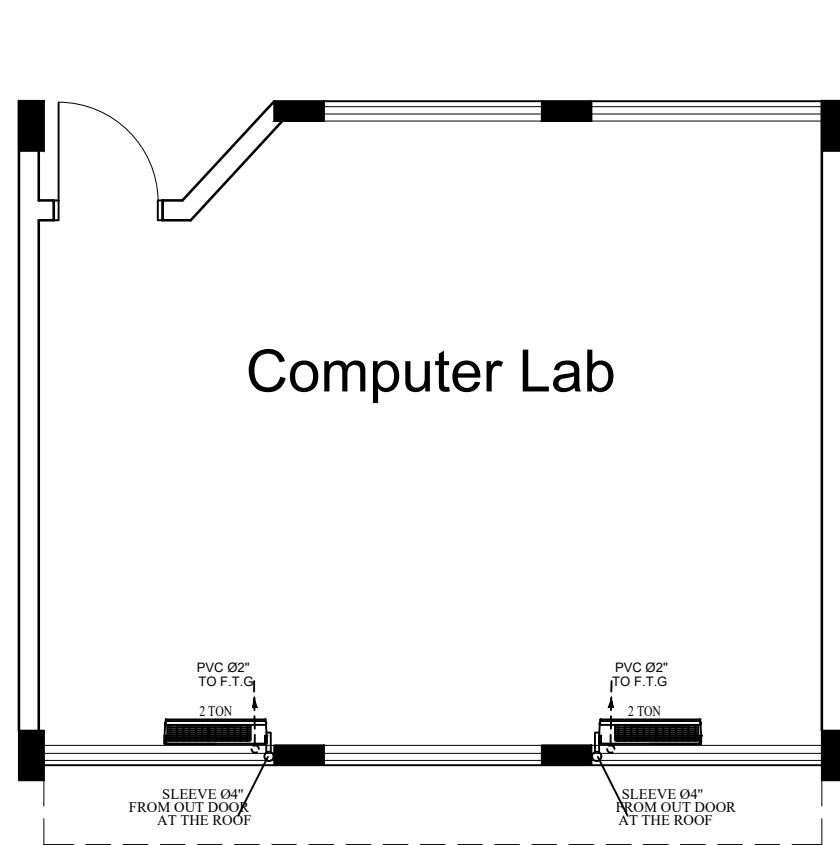


ABUSHAHLA & ASSOCIATES
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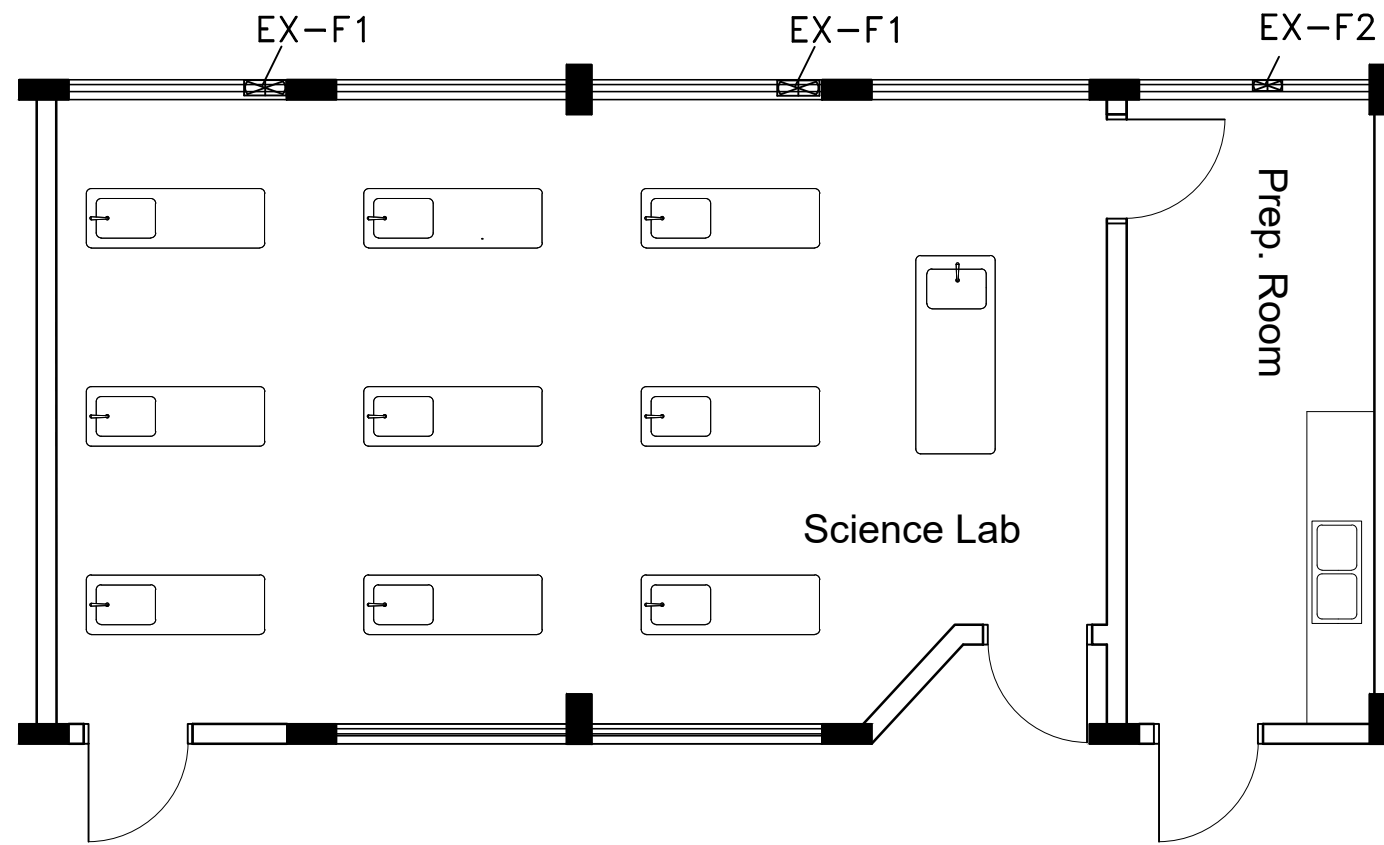
Abo Tamam Primary Girls School	
DRAWING TITLE: Roof Fire Fighting Plan	
DESIGN: AA	DATE: 20-February-2016
DRAWN: AA	SCALE: 1:100
APPROVED: A.A.	
SHEET NO: M12	



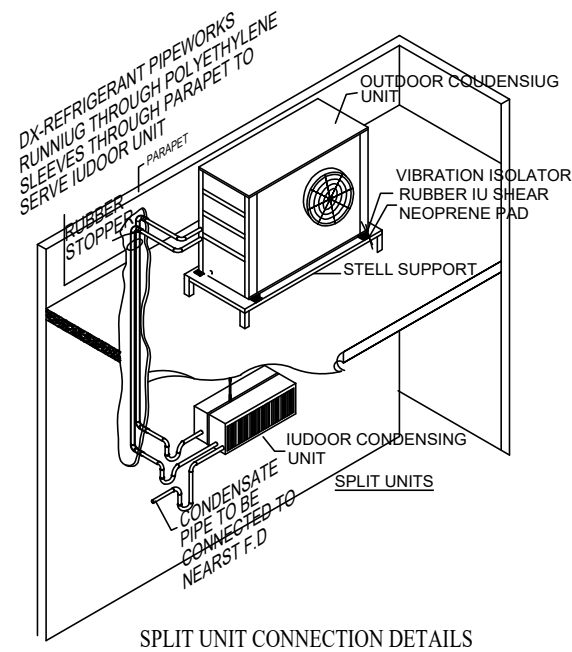
VENTILATION FOR CANTEEN PLAN.



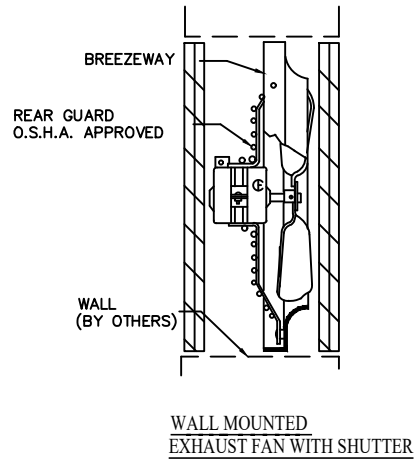
AIR CONDITIONING SYSTEM FOR IT ROOM.



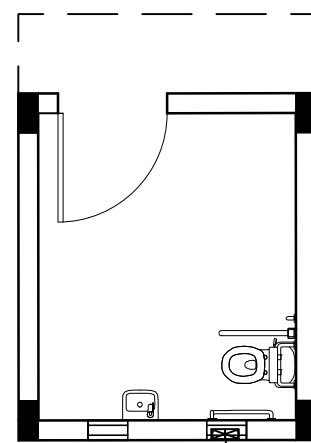
VENTILATION SYSTEM FOR SCIENCE LAB. PLAN.



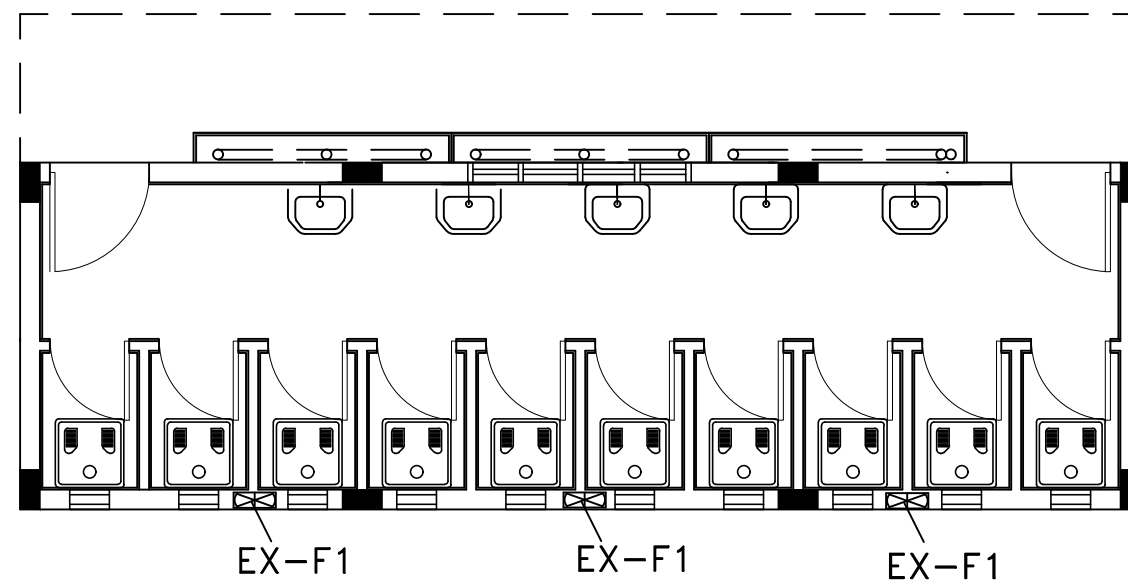
SPLIT UNIT CONNECTION DETAILS



WALL MOUNTED EXHAUST FAN WITH SHUTTER



VENTILATION FOR Disable W.C



VENTILATION SYSTEM FOR TOILET BLOCK PLAN.

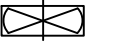


State of Palestine
Ministry of Education & Higher Education

NOTES :-
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EXTRACT FAN
EX-F1 (650M3/HR)



EXTRACT FAN
EX-F2 (250M3/HR)

FUNDED BY:



EMPLEMENTED BY:



50 YEARS
Empowered lives, Resilient nation

IN COOPERATION WITH:



CONSULTANT:



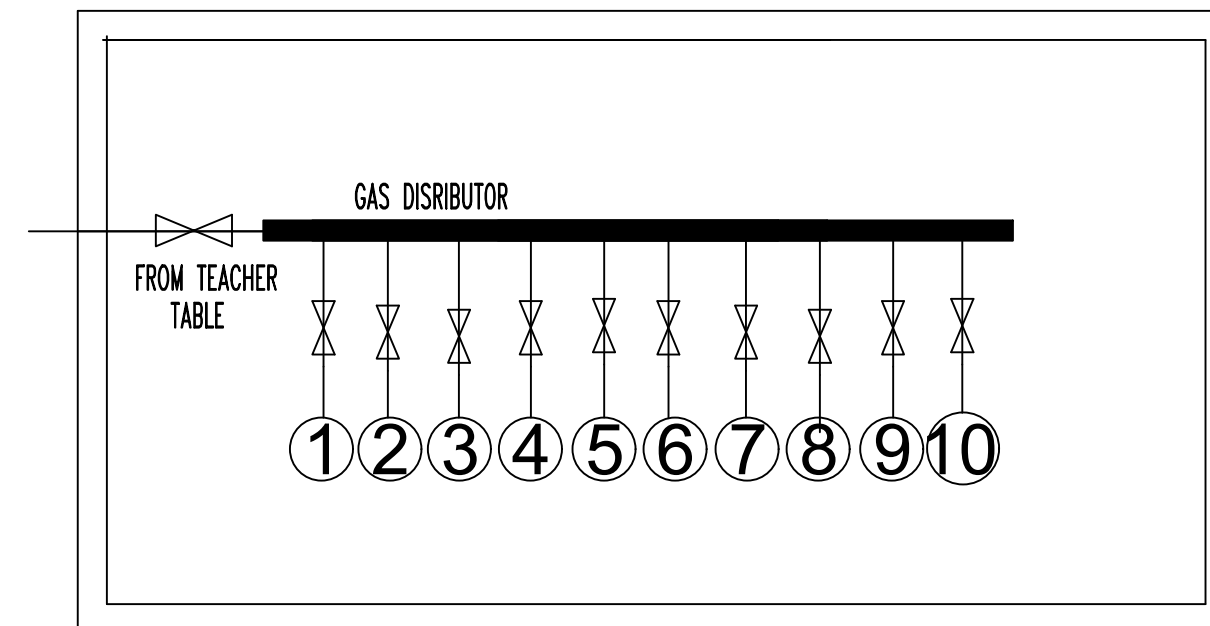
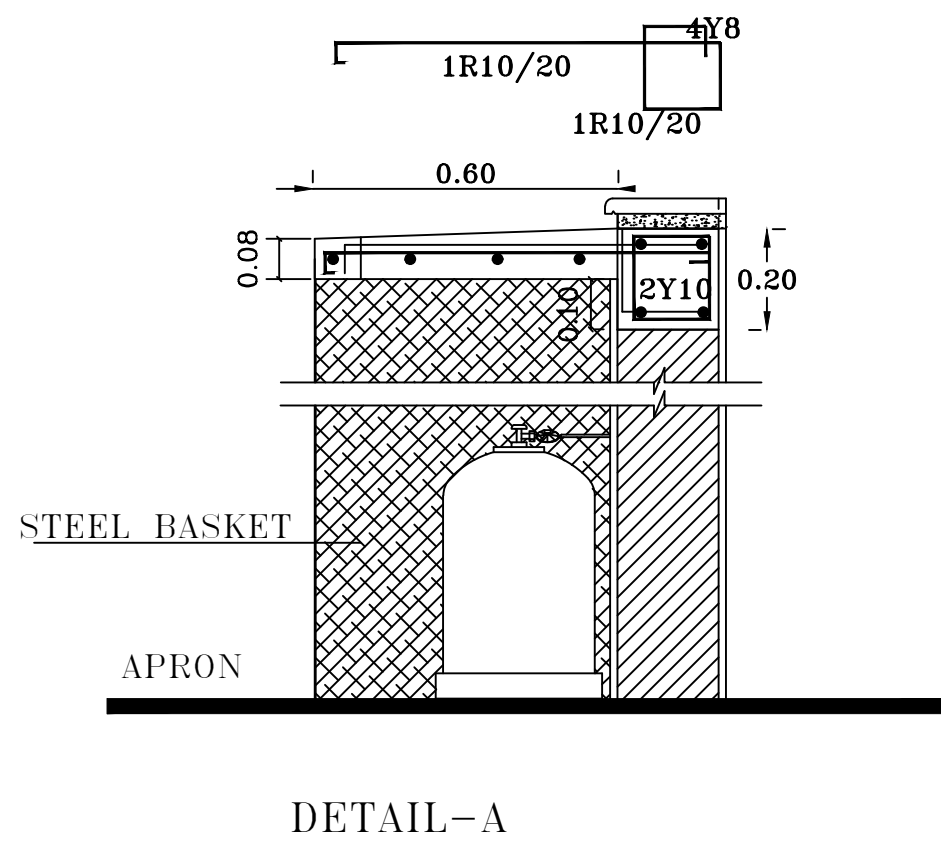
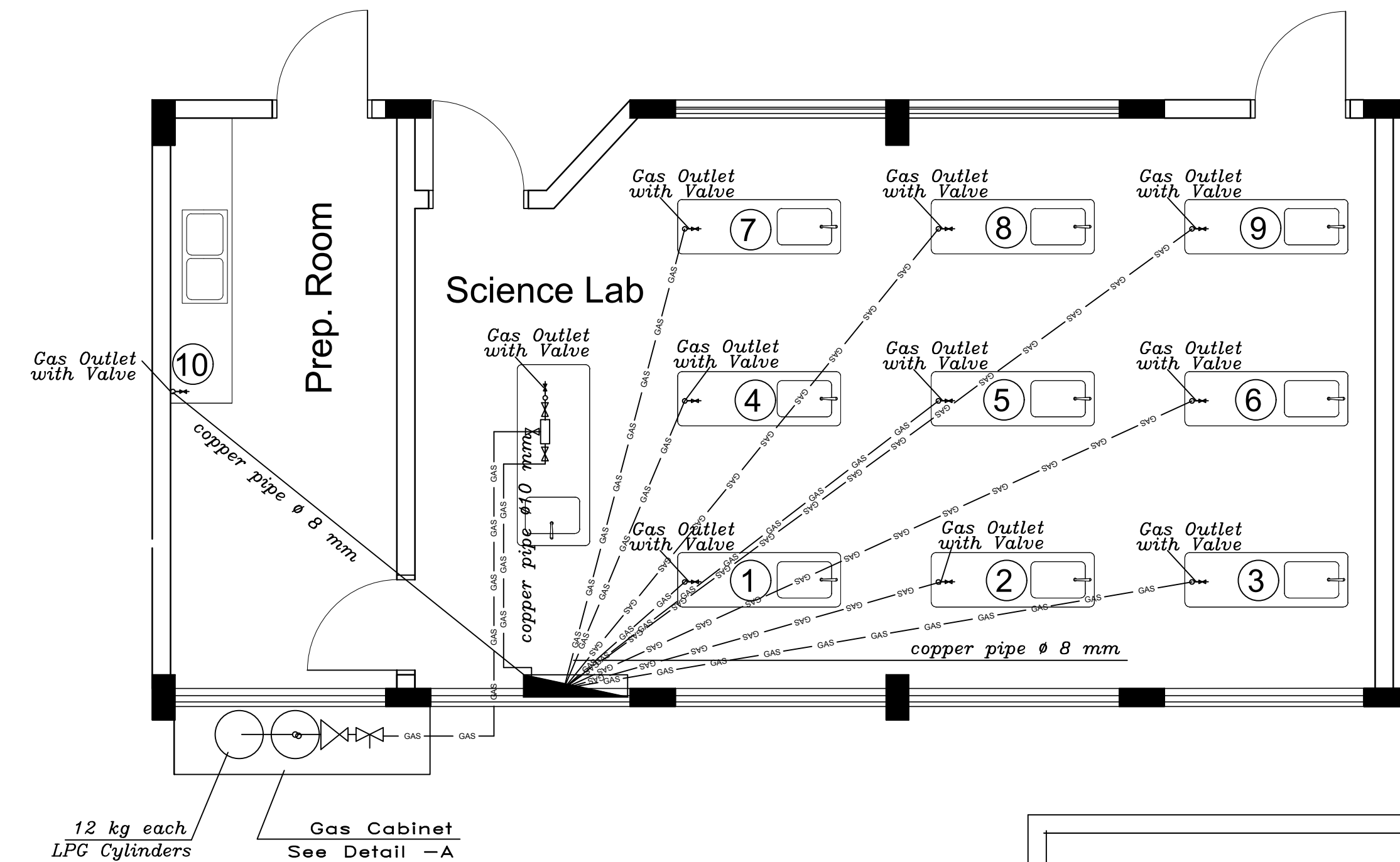
ABUSHAHLA & ASSOCIATES
"Consulting Engineers"
Palestine
+970-8-2864067 / +970-8-2828971

Abo Tamam Primary Girls School

DRAWING TITLE:
VENTILATION SYSTEM PLANS

DESIGN: AA	DATE: 20-February-2016
DRAWN: AA	SCALE: 1:100
APPROVED: A.A.	

SHEET NO:
M13



GAS DISTRIBUTION BOX
(G.D.B) NO:1
(80cmx40cmx10cm)
DETAIL-B

GAS SYSTEM FOR SCIENCE LAB. PLAN.



State of Palestine
Ministry of Education & Higher Education

NOTES :-

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 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.
- Flexible connection shall be installed on each pipe crossing expansion joint.
- Fire stop shall be installed on each pipe crossing fire rated walls.
- All gas pipes shall be installed under ground.
- 4Copper pipes covered with PVC with plastic sleeve Ø 1" for LPG service .

- LPG Cylinders
- Collector
- Pressure Reducing Valve
- Pressure Release Valve
- Globe Valve
- Gas Line

FUNDED BY:



EMPLEMENTED BY:



IN COOPERATION WITH:



CONSULTANT:



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

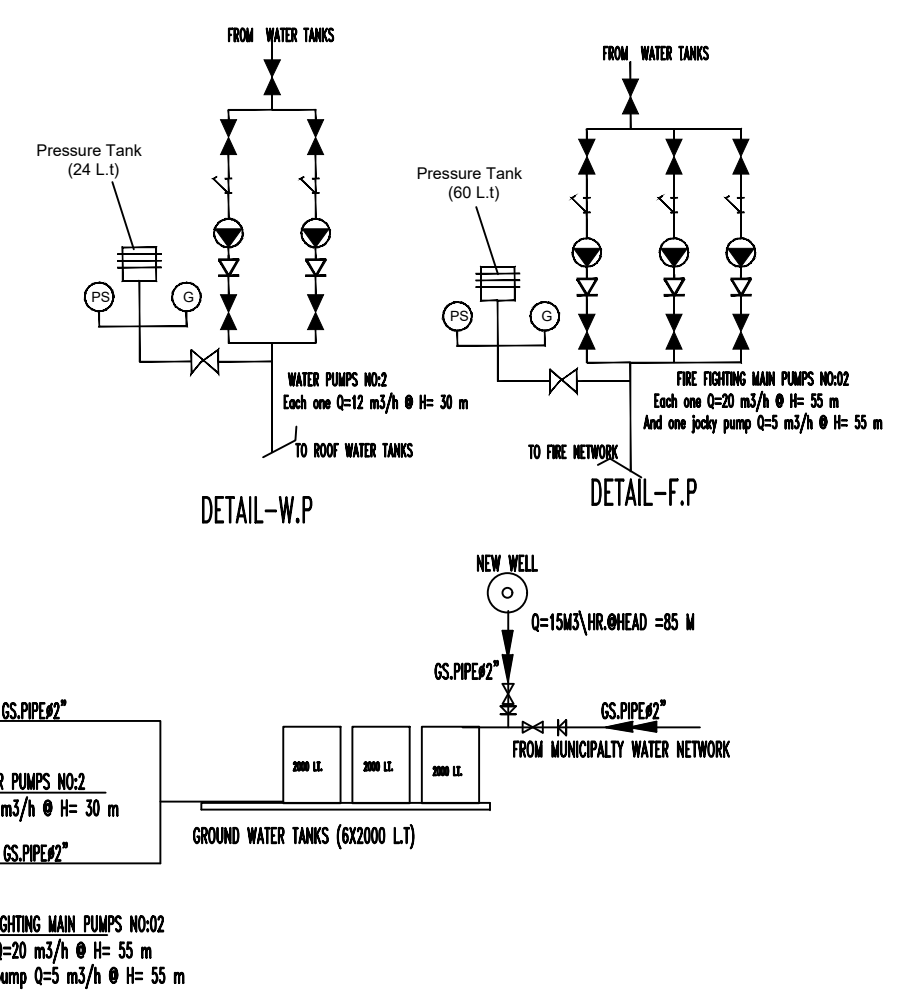
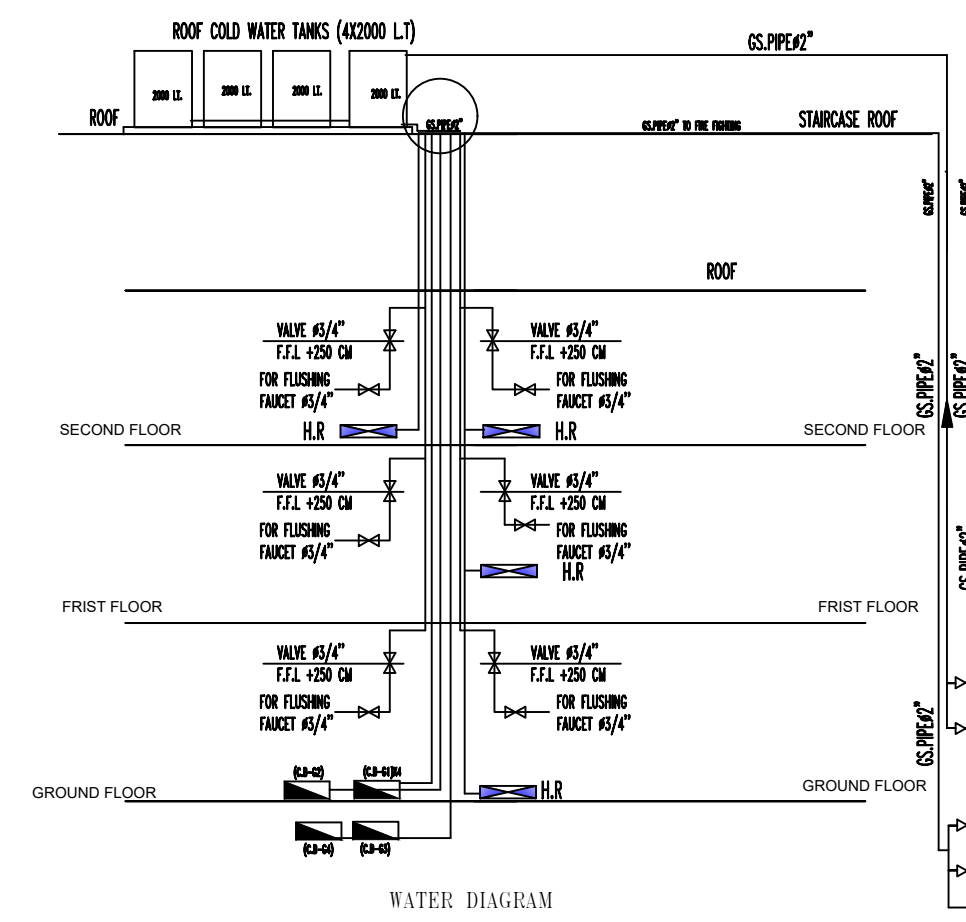
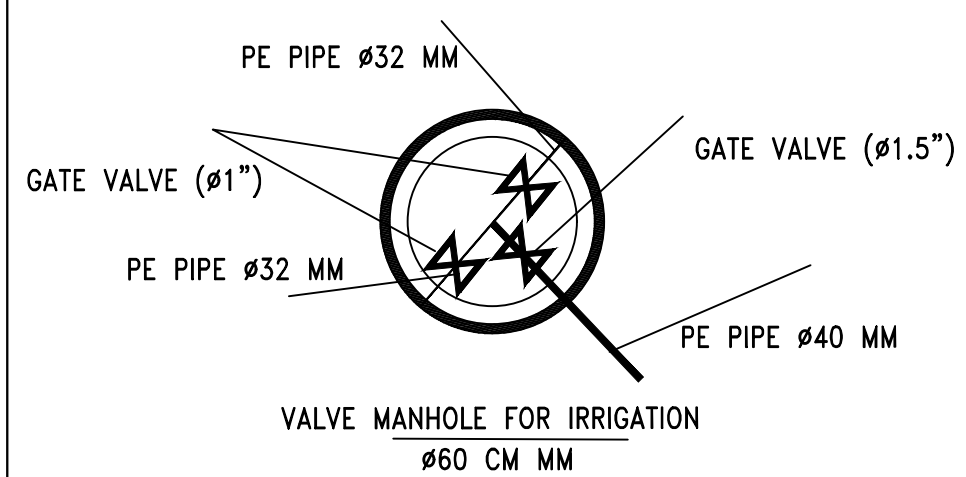
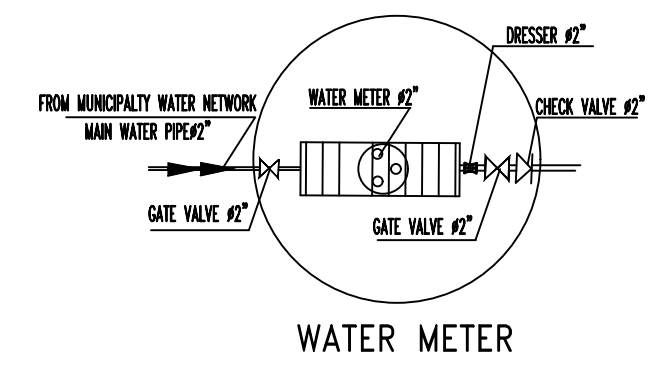
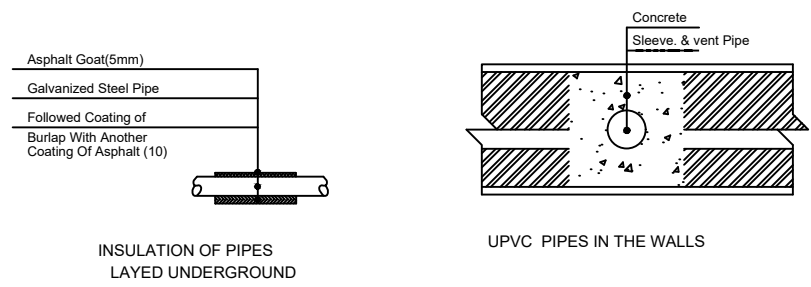
Abo Tamam Primary Girls School

DRAWING TITLE:
GAS SYSTEM FOR SCIENCE LAB. PLAN.

DESIGN: S.S. DATE: 7-February-2016
DRAWN: S.S. SCALE: 1:50
APPROVED: A.A.

SHEET NO:

M14



State of Palestine
Ministry of Education & Higher Education

NOTES :-

- CONTRACTOR SHALL SUBMIT THE MANUFACTURE'S DIMENSIONS, DETAILS & CONNECTIONS FOR APPROVAL OF THE ENGINEER BEFORE THE WORK COMMENCED.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.

G.S	GALVANIZED STEEL PIPE
	Cold Water
	Hot Water
	(W.M) Water Meter
	(G.V) Gate Valve
	Check Valve
	Collector Box (C.B)
	ELEC. HEATER
O.F	OVER FLOW
C.O	CLEAN OUT
V.P	VENTILATION PIPE & CONNECTION PIPE
	WATER PUMP
	FAUCET #3/4"
G.S.	GALVANIZED STEEL PIPE
	AV AIR VALVE # 2"

FUNDED BY:



EMPLEMENTED BY:



IN COOPERATION WITH:



CONSULTANT:

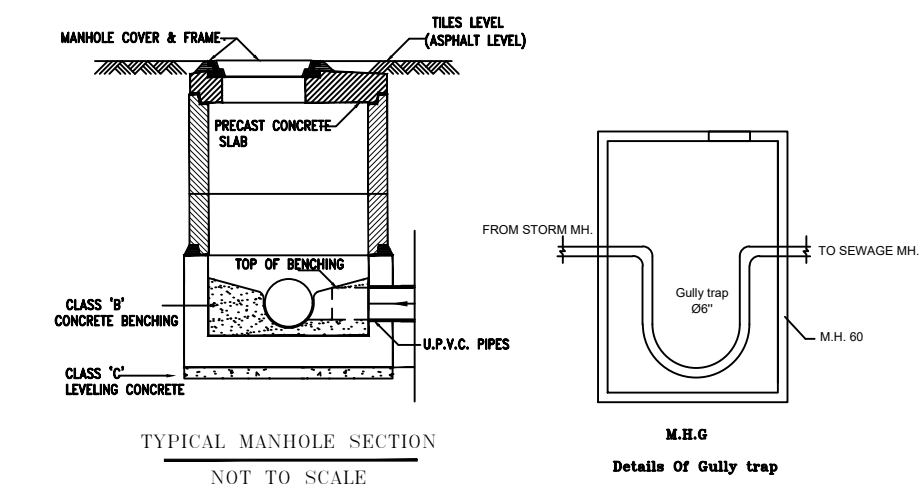
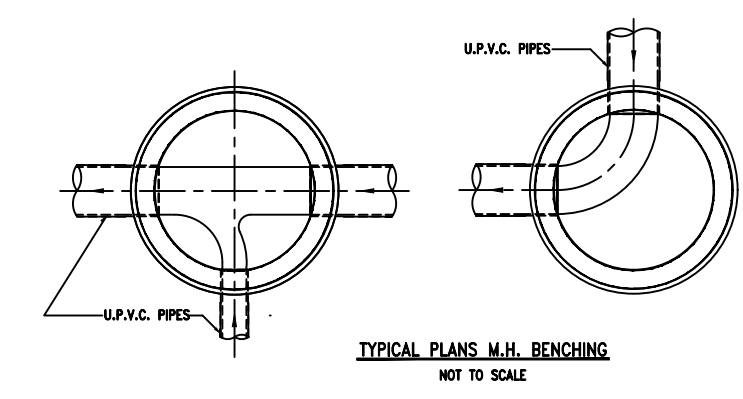
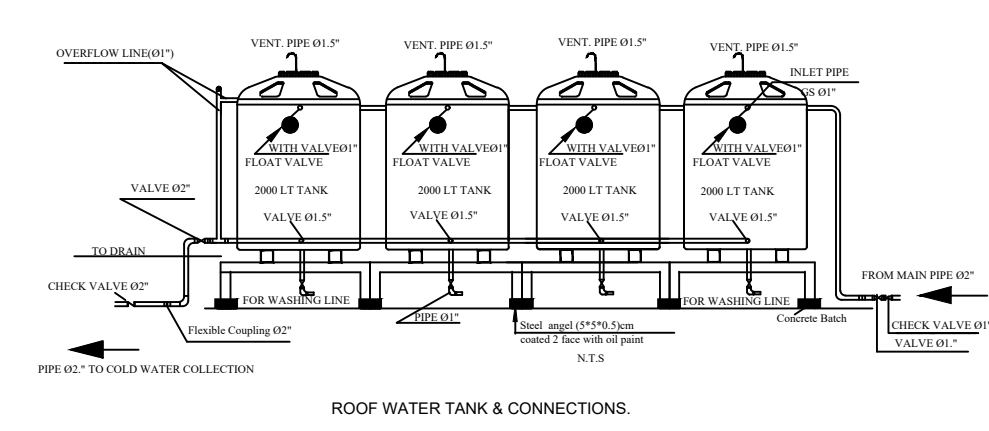
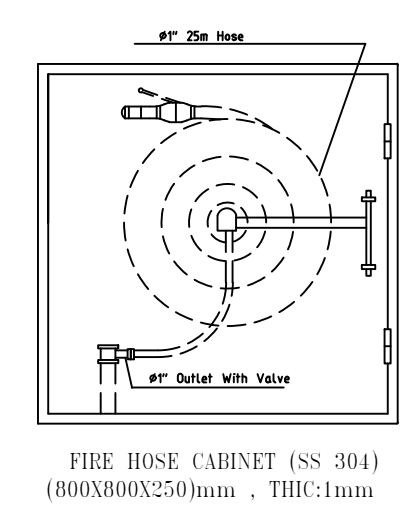
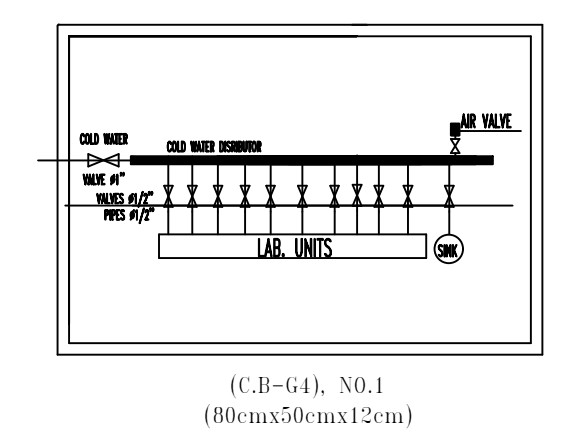
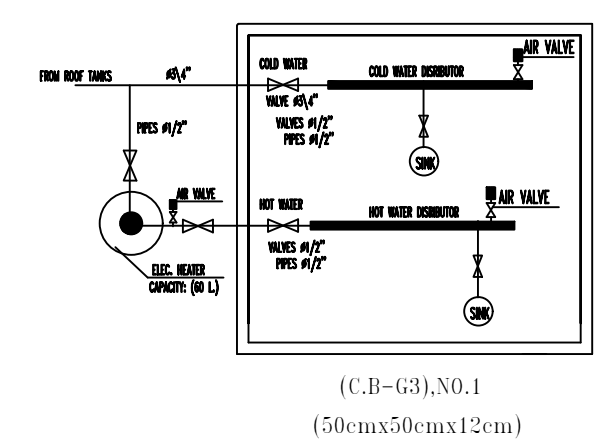
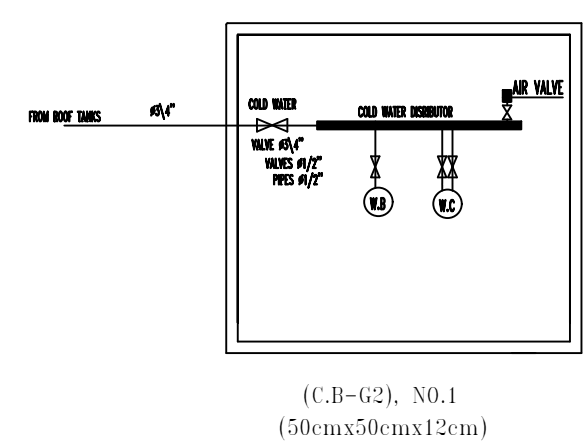
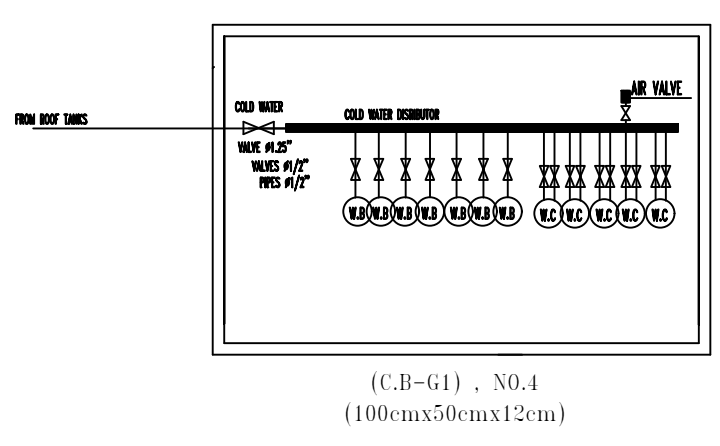
ABUSHAHLA & ASSOCIATES
"Consulting Engineers"
Palestine
+970-8-2864067 / +970-8-2828971

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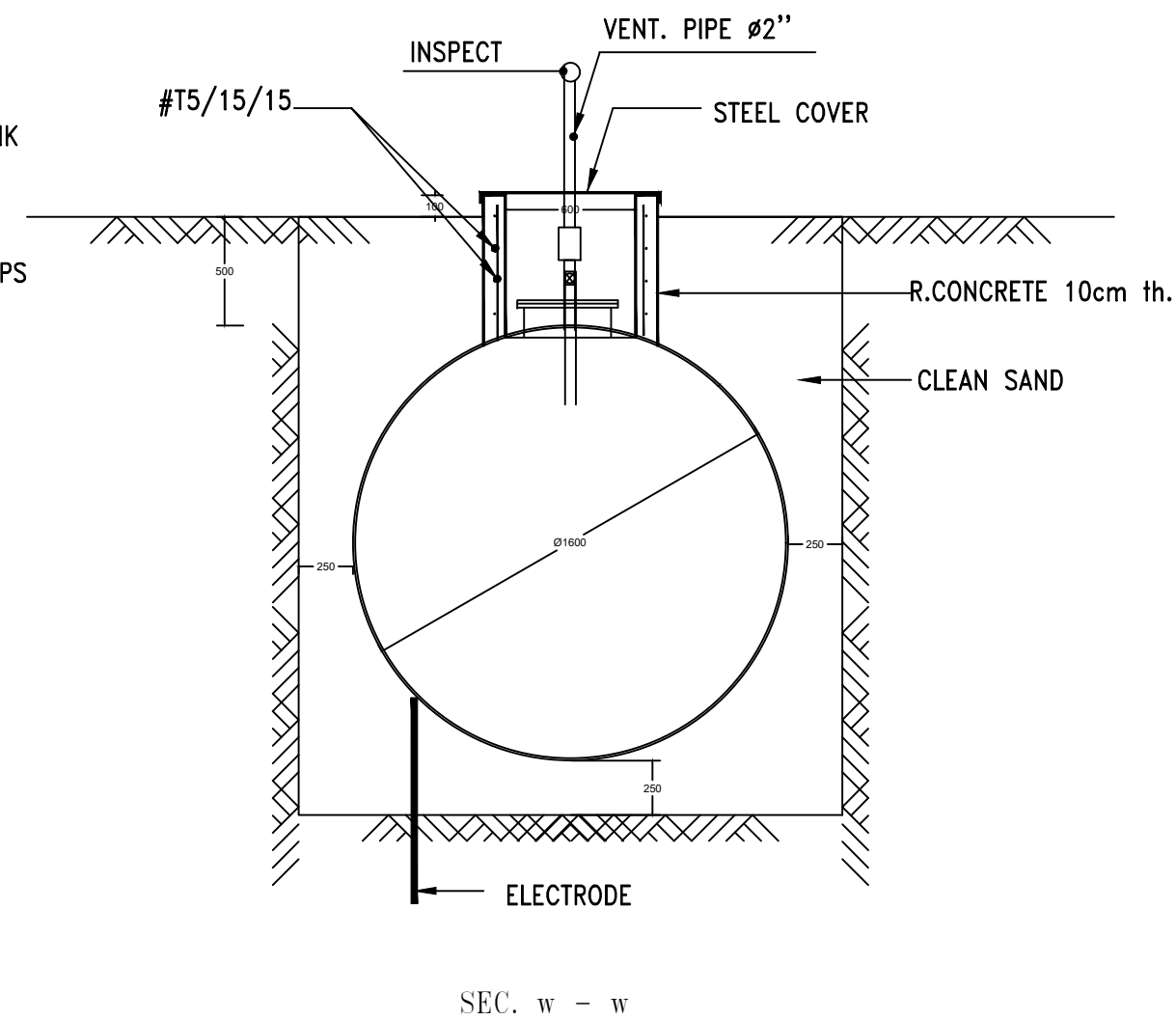
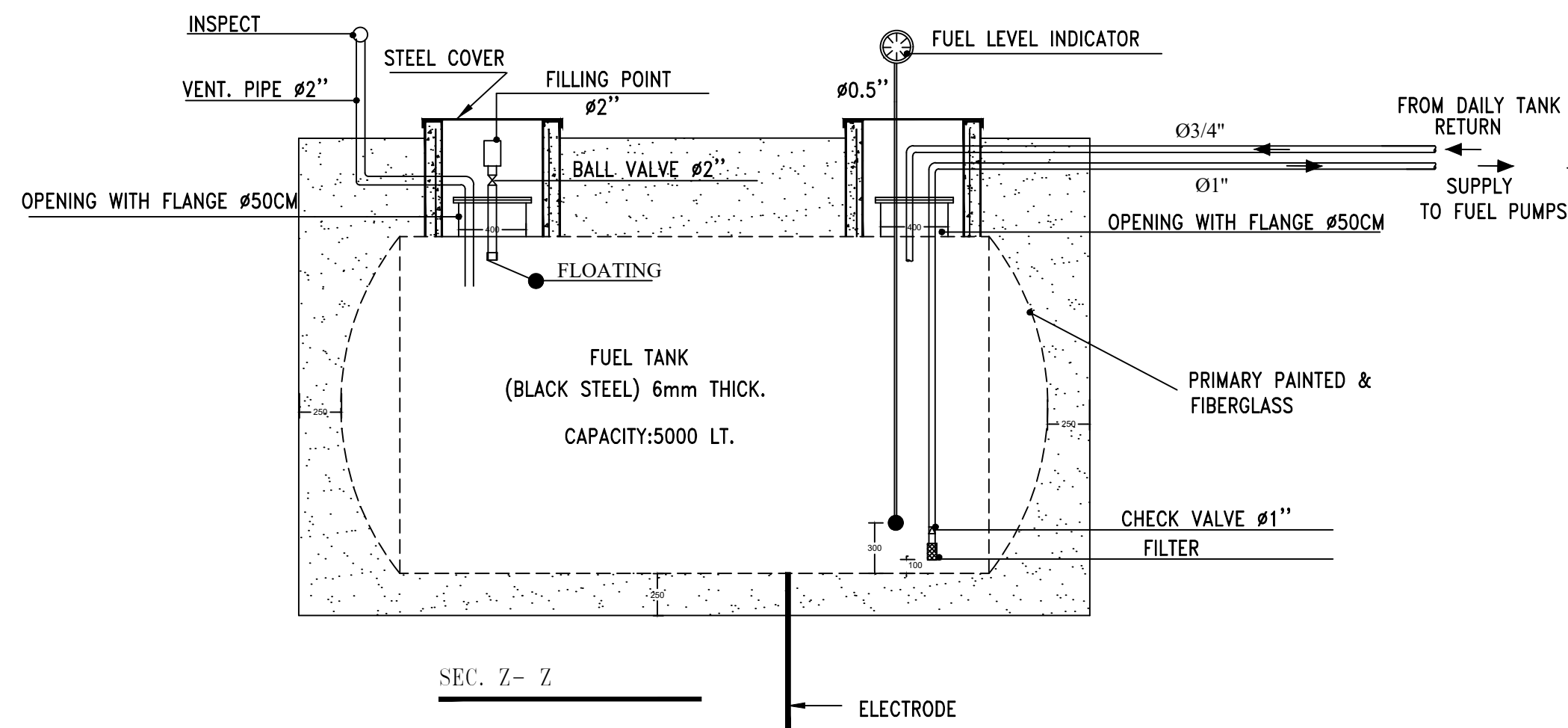
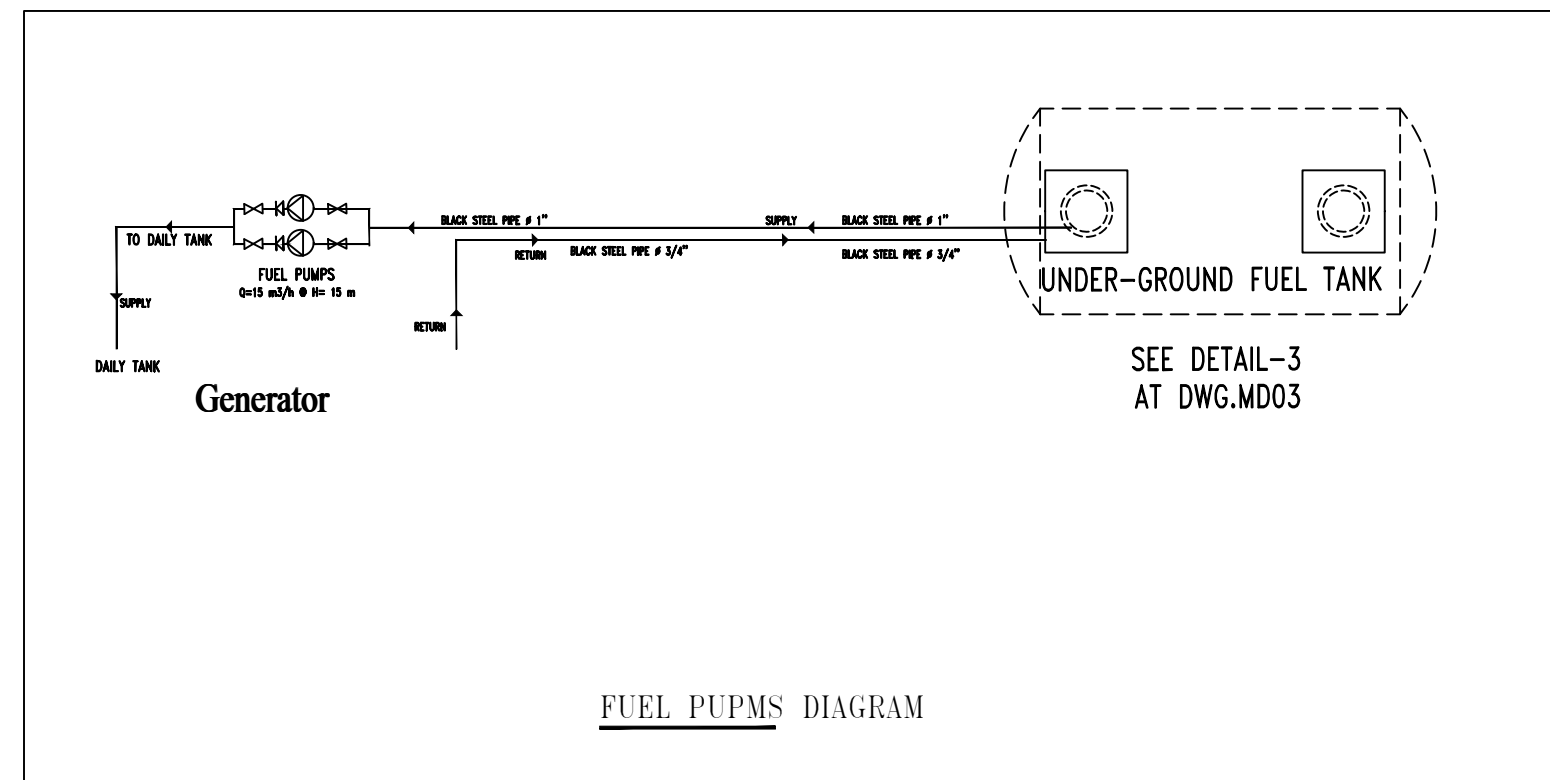
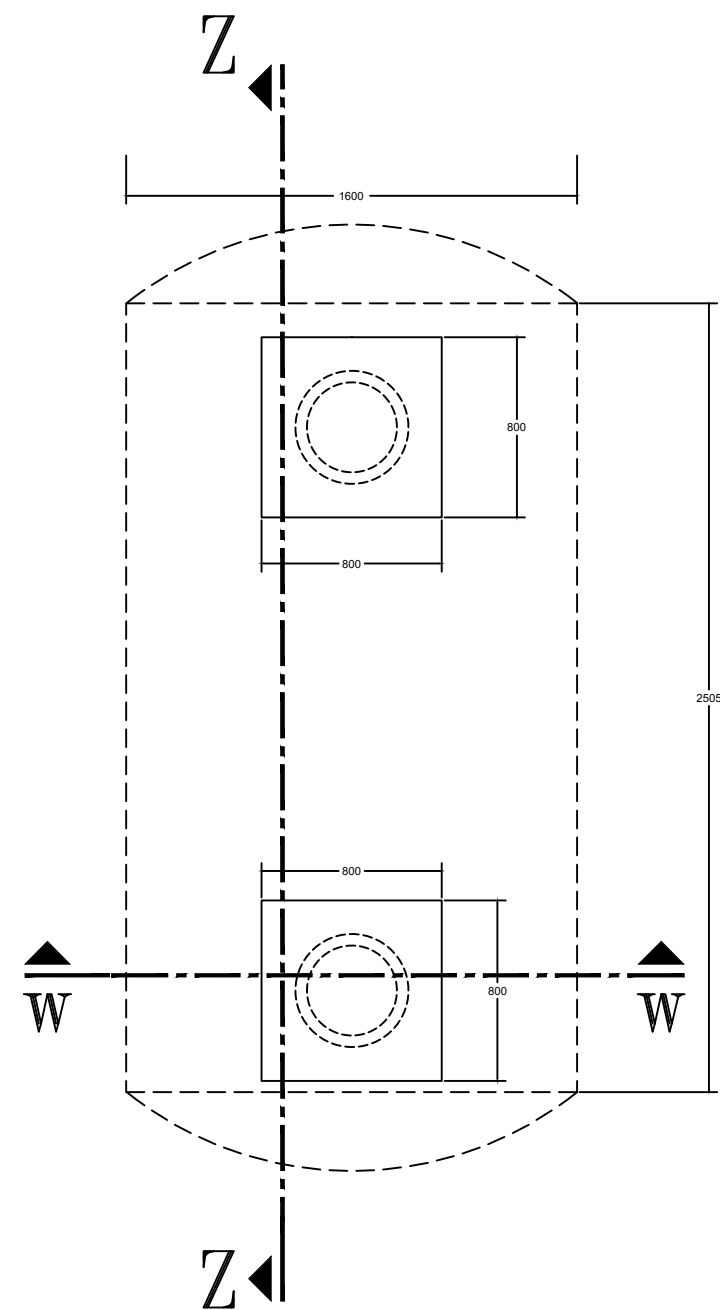
DRAWING TITLE:
**PLUMBING DETAILS
DETAIL-1**

DESIGN: S.S.	DATE: 7-February-2016
DRAWN: S.S.	SCALE: 1:100
APPROVED: A.A.	

SHEET NO:
MD01



DETAIL-1



UNDERGROUND FUEL TANK DETAILS
DETAIL-3



State of Palestine
Ministry of Education & Higher Education

NOTES :-
1. CONTRACTOR SHALL SUBMIT THE MANUFACTURE'S DIMENSIONS, DETAILS & CONNECTIONS FOR APPROVAL OF THE ENGINEER BEFORE THE WORK COMMENCED.
2. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL MECHANICAL WORKS, STEEL PARTS & CONNECTIONS FOR ENGINEER'S APPROVAL.



(G.V) Gate Valve
Check Valve
WATER PUMP
BLACK STEEL PIPE
DRESSER

FUNDED BY:



EMPLEMENTED BY:



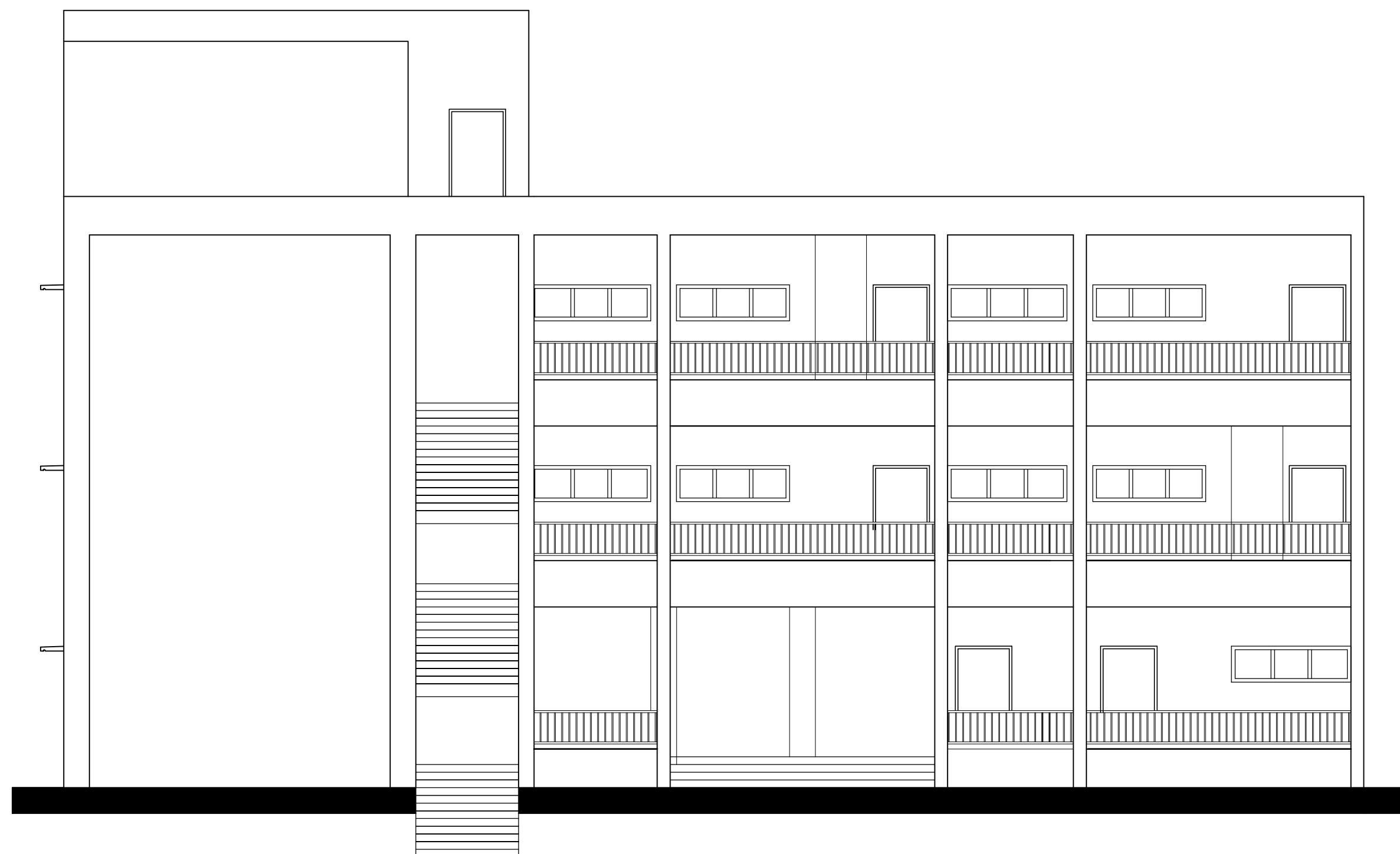
IN COOPERATION WITH:



CONSULTANT:



Abo Tamam Primary Girls School	
DRAWING TITLE: UNDERGROUND FUEL TANK DETAILS DETAIL-2	
DESIGN: S.S.	DATE: 7-February-2016
DRAWN: S.S.	SCALE: AS SHOWN
APPROVED: A.A.	
SHEET NO: MD02	



المخططات الكورباجية

مايو ٢٠١٦

xx LEGEND FOR ALL FIXTURES

SYMBOL	DESCRIPTION
	SURFACE MOUNTED LIGHTING FIXTURE 2X20 W, WITH 4000 LUMEN, ON CEILING, IP-20, CLASS II, WITH CONCAVED ALUMINIUM LOUVRE.
	DITTO, BUT RECESSED MOUNTED.
	DITTO, BUT 1X20WATT.
	SURFACE MOUNTED LIGHTING FIXTURE 1X16 W, 1600 LUMEN, WITH ASSYMETRIC REFLECTOR FOR THE CLASSROOMS BLACKBOARDS.EXIT WINDOW 140 DEGREE
	SURFACE MOUNTED LIGHTING FIXTURE 2X20 W, WITH 4000 LUMEN , EXIT WINDOW 140 DEGREE.
	DITTO BUT 1x20W UNIT.
	SURFACE MOUNTED LIGHTING FIXTURE 1X20 W, WITH 4000 LUMEN , EXIT WINDOW 140 DEGREE.
	IP-64, 60WATT LOW BAY LED OF ALUMINUM ALLOY BODY, 5400LM AND 2500 COLOR TEMPERATURE.
	SURFACE MOUNTED GLOBE WITH POLYCARBONATE 15W, WATER PROOF TYPE, LED LAMP.
	SURFACE MOUNTED GLOBE WITH POLYCARBONATE 2X10W, LED LAMPS.
	1X15W LED LAMP, WALL MOUNTED LUMINAR, IP-54, CLASS II, CAST ALUM. BODY, METAL PROTECTION WITH SEALING GASKET.
	358MM MIRROR LIGHT, WITH 1X40W LAMP, INTERRUPTER SWITCH AND OPAL POLYCARBONATE DIFFUSOR, IP-44, CLASS II.
	CIRCULAR FLIES KILLER CEILING MOUNTED.
	1578 MM- 2X20W WITH 4000 LUMEN, SURFACE MOUNTED ON CEILING, IP-66, CLASS II, WITH REINFORCED POLYCARBONATE COVER AND CONCAVED ALUMINIUM OPTIC.
	345X120MM, IP-55 BACK UP LIGHTING UNIT, 1X8W-3 HOURS DURATION WITH 3.6V NI-CD BATTERY.
	SUSPENDE MOUNTED EXIT SIGN OF EXTRUDED ALUMINIUM BODY, ENGRAVED F.R ACRYLIC SIGN BLADE AND 1X8W LAMP OF 3-HOURS BACK UP DURATION.
	IP-55, CLASSII, 3.5M HEIGHT DOUBLE ARMED LIGHTING POST, WITH LAMINARS MADE OF CAST ALUMINIUM FRAME, CLEAR POLYCARBONATE BOWL, INTERNAL METHACRYLATE DIFFUSER, WITH 2X80 WATT BTC LAMPS.
	DITTO, BUT SINGLE ARMED LIGHTING POST.
	IP-66 FLOOD LED LIGHT FITTING OF 12000 LUMEN AND 90W POWER.
	10A ELECTRIC PHOTO CELL.
	WALL MOUNTED EXTRACT FAN, WITH MOVEABLE LOUVERS.
	ONE GANG, ONE WAY SWITCH, WITH IP-55 WATER TIGHT PLATE.
	TWO GANGS, ONE WAY SWITCH, WITH IP-55 WATER TIGHT PLATE.
	THREE GANGS, ONE WAY SWITCH, WITH IP-55 WATER TIGHT PLATE.
	FOUR GANGS, ONE WAY SWITCH, WITH IP-55 WATER TIGHT PLATE.
	ONE GANG, ONE WAY SWITCH.
	TWO GANGS, ONE WAY SWITCH.
	THREE GANGS, ONE WAY SWITCH.
	FOUR GANGS, ONE WAY SWITCH.
	ONE GANG, TWO WAY SWITCH.
	ONE GANG, TWO WAY SWITCH, WITH IP-55 WATER TIGHT PLATE.
	INTERMEDIATE SWITCH.
	INTERMEDIATE SWITCH, WITH IP-55 WATER TIGHT PLATE.
	IP-66 PUSH BUTTON SWITCH CONNECTED TO TIME LAG SWITCH ADJUSTABLE FROM 30S-10MIN.
	SUB- MAIN DISTRIBUTION BOARD.
	1x16A - 220V ELECTRICAL SOCKET.
	DITTO, BUT WITH IP-55 WATER TIGHT PLATE.
	DITTO, BUT DOUBLE SOCKETS.
	1x16A - 220V ELECTRICAL SOCKET, MARKED UPS.
	DITTO, BUT DOUBLE SOCKETS.

SYMBOL	DESCRIPTION
	THREE & SINGLE PHASE OUTLETS COMBINED IN IP-65 BOX, WITH PROTECTION CIRCUIT BREAKERS.
	1X20A-220V SWITCHED SOCKET OUTLET FOR WATER HEATER, WITH PILOT LAMP.
	DITTO, BUT WATER & DUST PROOF, WITH COVER.
	1X20A-220V AIR CONDITIONING OUTLET, WITH TIME DELAY SWITCH.
	IP-65 SOCKET INSTALLED INSIDE LABORATORIES' TABLES.
	CEILING MOUNTED FAN, WITH THREE BLADES AND SPEED REGULATOR SWITCH.
	19" BOX WITH 19" PATCH PANELS, 16A SOCKET OUTLETS PATCH CORDS, MULTI-LAYER MANAGEABLE SWITCHES.
	TELEPHONE CABLES COLLECTION BOX WITH CONNECTION TERMINALS AND CABLES MARKING.
	TELEVISION COLLECTION BOX WITH SPLITTER, CONTROL UNIT AND AMPLIFIER.
	TELEPHONE EXCHANGER PANEL WITH M.D.F AND POWER SUPPLY WITH 3HR. CHARGEABLE BATTERIES.
	RJ12 TELEPHONE SOCKET 6 TERMINALS.
	T.V. & RADIO OUTLET.
	AUDIO INLET & OUTLET.
	RJ45 SOCKET 8 TERMINALS.
	DITTO, BUT WITH IP-55 WATER TIGHT PLATE INSTALLED ON GROUND MOUNTED TILE, ON 10CM FROM ROOM'S F.F.L.
	SATELLITE SOCKET FOR TWO OUTLETS.
	HEAT DETECTOR RESISTIBLE TYPE.
	IP-65 FIRE ALARM SIREN, WITH FLASHING LAMP.
	EMERGENCY SIREN AUDIBLE & VISIBLE, IP-65, SURFACE MTD.
	Ø4" CEILING LOUD SPEAKER OF 9W RATED POWER WITH MATCHING TRANSFORMER AND VOLUME DAMPER.
	AMPLIFIER & EQUILIZER SYSTEM MULTI-IN & OUT PORTS.
	STAND WITH FIXED AND MOBILE MICROPHONES.
	FIRE ALARM ADDRESSABLE TYPE CONTROL PANEL WITH 72HR STANDBY CHARGEABLE BATTERIES.
	FIRE ALARM ADDRESSABLE TYPE REPEATER PANEL.
	MANUAL BREAK GLASS CALL POINT.
	OPTICAL SMOKE DETECTOR.
	3-PHASE FUSABLE CIRCUIT BREAKER.
	1-PHASE FUSABLE CIRCUIT BREAKER.
	DIGITAL POWER MUTI-METER SET.
	XX/5A CURRENT TRANSFORMER.
	PHASE SEQUENCE AND LOSS OF PHASE RELAY.
	220V/24V SIGNAL LAMP.
	3-WAYS PUSH BUTTON.
	3-POLES CIRCUIT BREAKER.
	1-POLES CIRCUIT BREAKER.
	380V MOTOR PROTECTIVE CIRCUIT BREAKER, WITH OVERLOAD & SHORT-CIRCUIT RELEASES.
	380V, 4-POLES SAFETY SWITCH WITH AUXILIARY CONTACT.
	220V/24V N.O/N.C PUSH BUTTON.
	380V MOULDED CASE CIRCUIT BREAKER, WITH OVERLOAD & SHORT-CIRCUIT RELEASES.
	1-PHASE AC MOTOR.
	3-PHASE AC MOTOR.
	2-WAYS PUSH BUTTON.



NOTES :-

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DRAWING TITLE:
ELECTRIC WORKS LEGEND

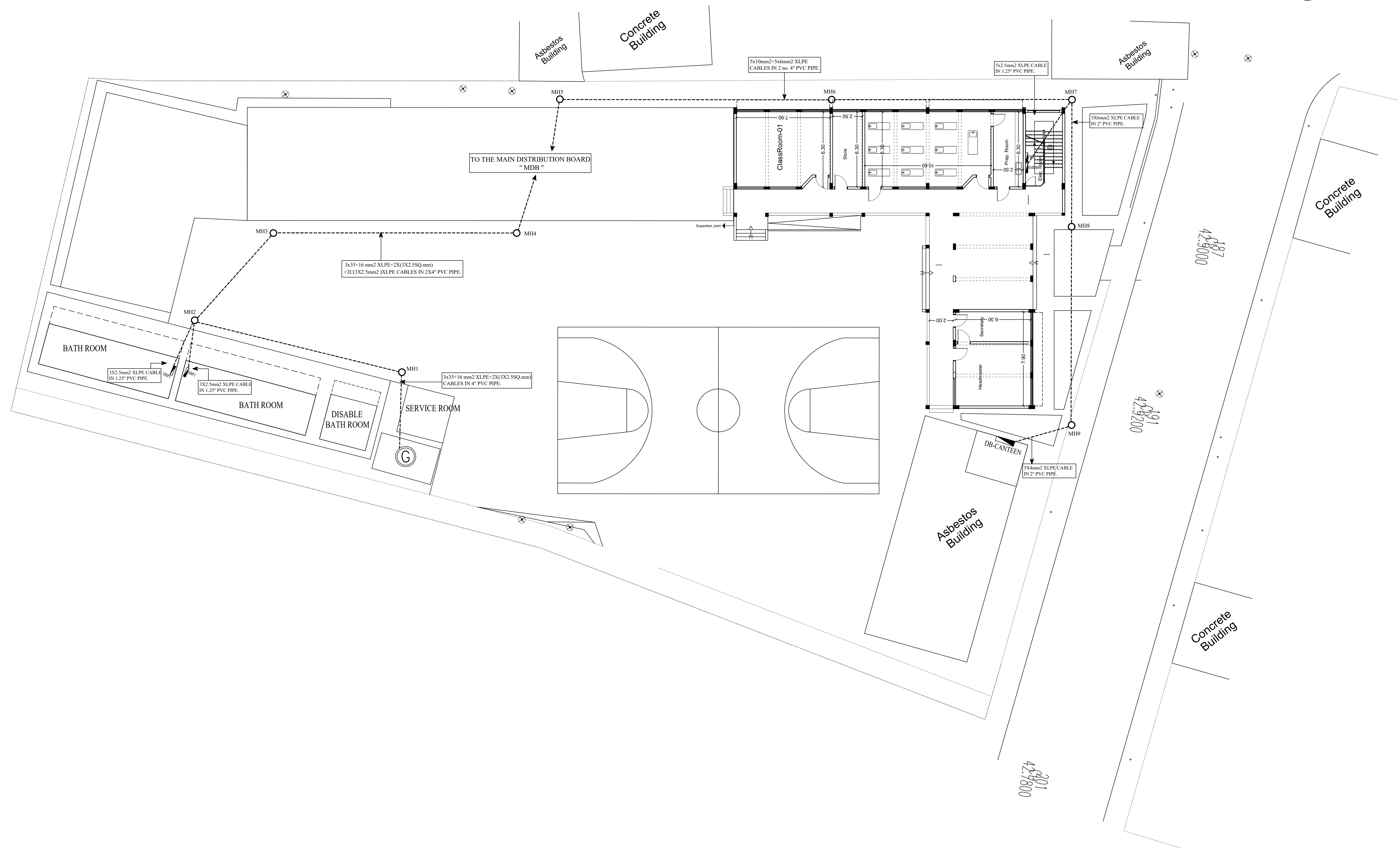
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DRAWN: I.A
APPROVED: AA

DATE:
31-March-2016

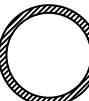
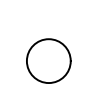
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E001

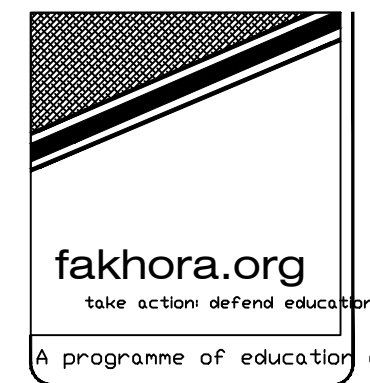


NOTES :-

-  60 CM MANHOLE WITH 8 TON COVER.
-  80 CM MANHOLE WITH 8 TON COVER.
-  EXISTING WOODEN POLE
10-12 M. LONG.
-  EXISTING U14 LATTICE STEEL POLE.

- ALL PIPES INCLUDING ELECTRICAL CABLES SHOULD BE ONE METER UNDER GROUND AND 60CM IN ABOVE OF THEM THERE IS WARNING TAPES.

FUNDED BY:



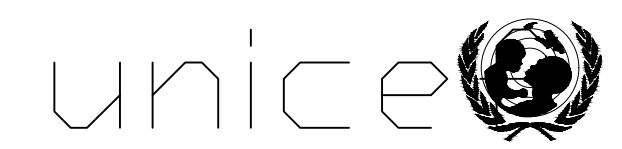
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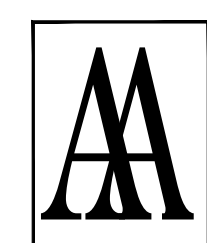
50
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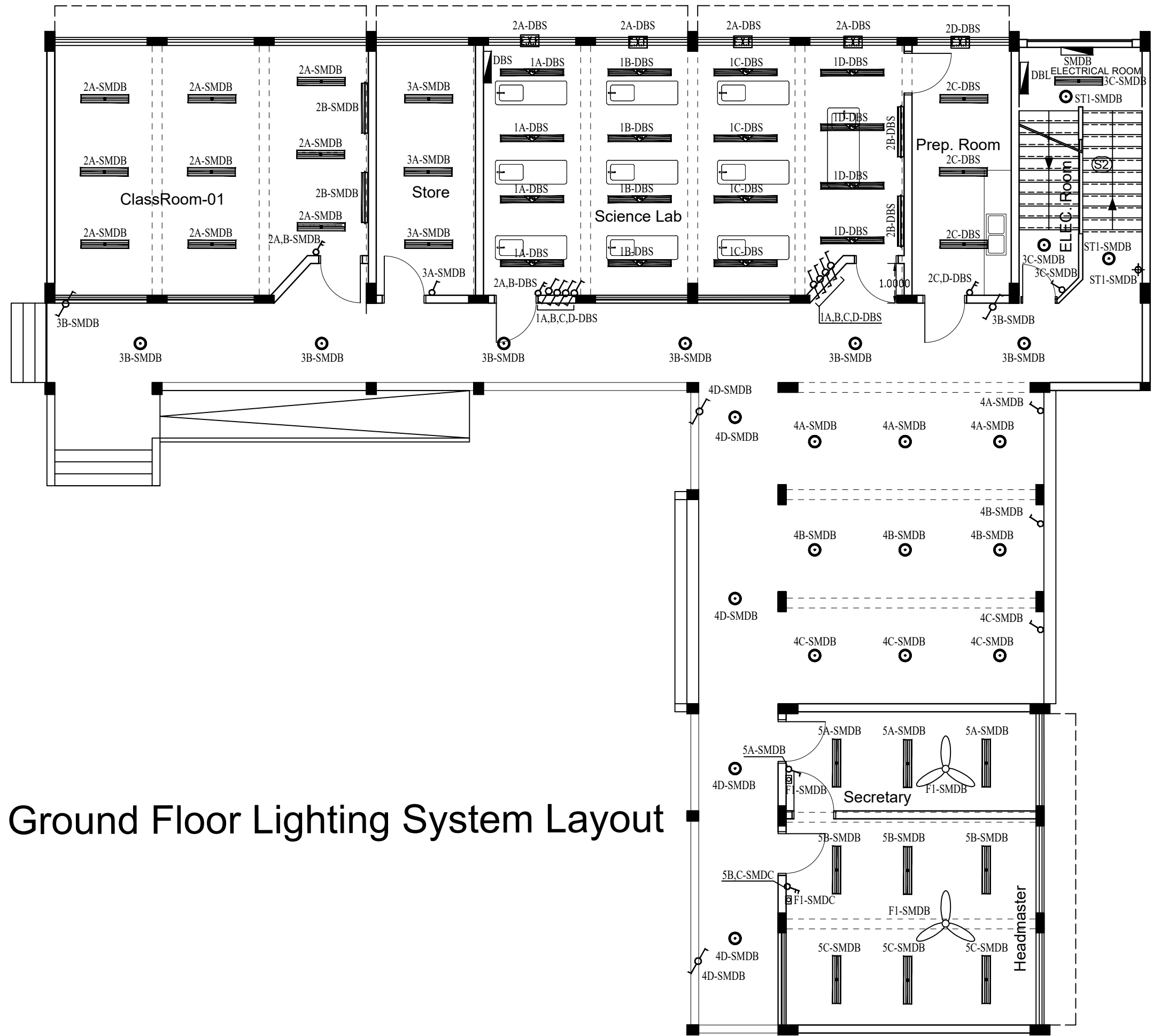
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DESIGN: I.A.	DATE: 30-March-2016
DRAWN: I.A.	
APPROVED: A.A.	SCALE: 1:200/A1

SHEET NO:

E002

ELE. 2



ELE. 3

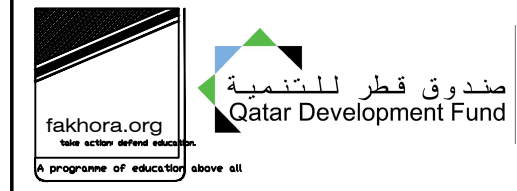
Ground Floor Lighting System Layout

ELE. 4



NOTES :-

FUNDED BY:



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CONSULTANT:



Abo Tamam Primary Girls School	
DRAWING TITLE: Ground Floor Lighting System Layout	
DESIGN: I.A.	DATE: 30-March-2016
DRAWN: I.A.	SCALE: 1:200/A2
APPROVED: A.A.	
SHEET NO:	
E004	

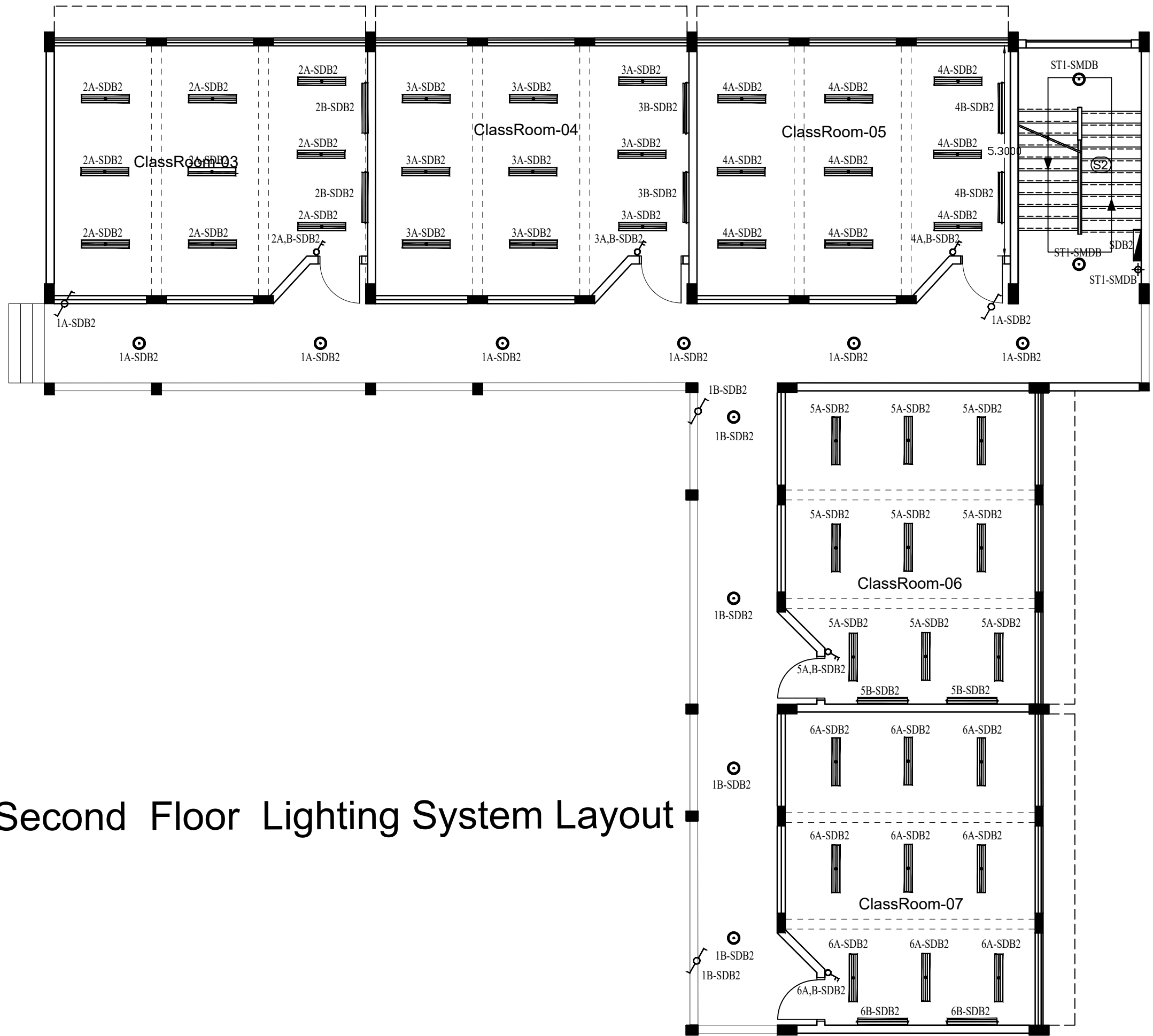
ELE. 4



ELE. 1



ELE. 2



ELE. 3

Second Floor Lighting System Layout

ELE. 4



NOTES :-

FUNDED BY:



EMPLEMENTED BY:



IN COOPERATION WITH:



CONSULTANT:



Abo Tamam Primary Girls School

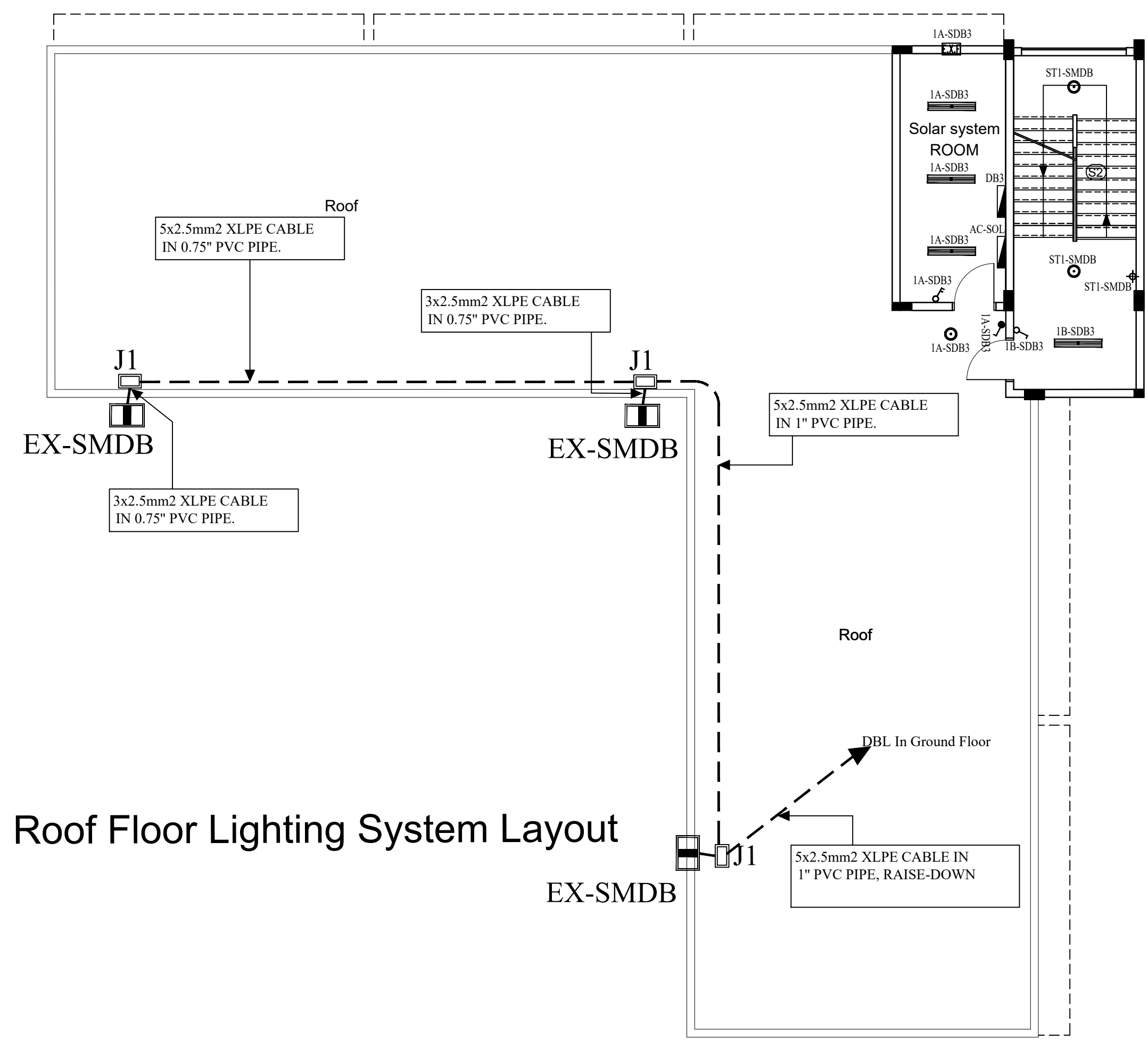
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DESIGN: I.A	DATE: 30-March-2016
DRAWN: I.A	SCALE: 1:200/A3
APPROVED: A.A	
SHEET NO:	
E006	

ELE. 2

ELE. 3

ELE. 1

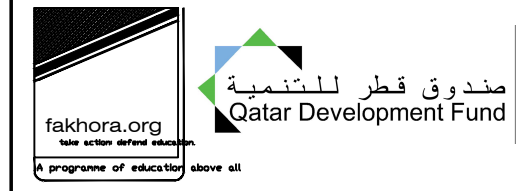


Roof Floor Lighting System Layout

ELE. 4

NOTES :-

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EMPLEMENTED BY:



IN COOPERATION WITH:



CONSULTANT:

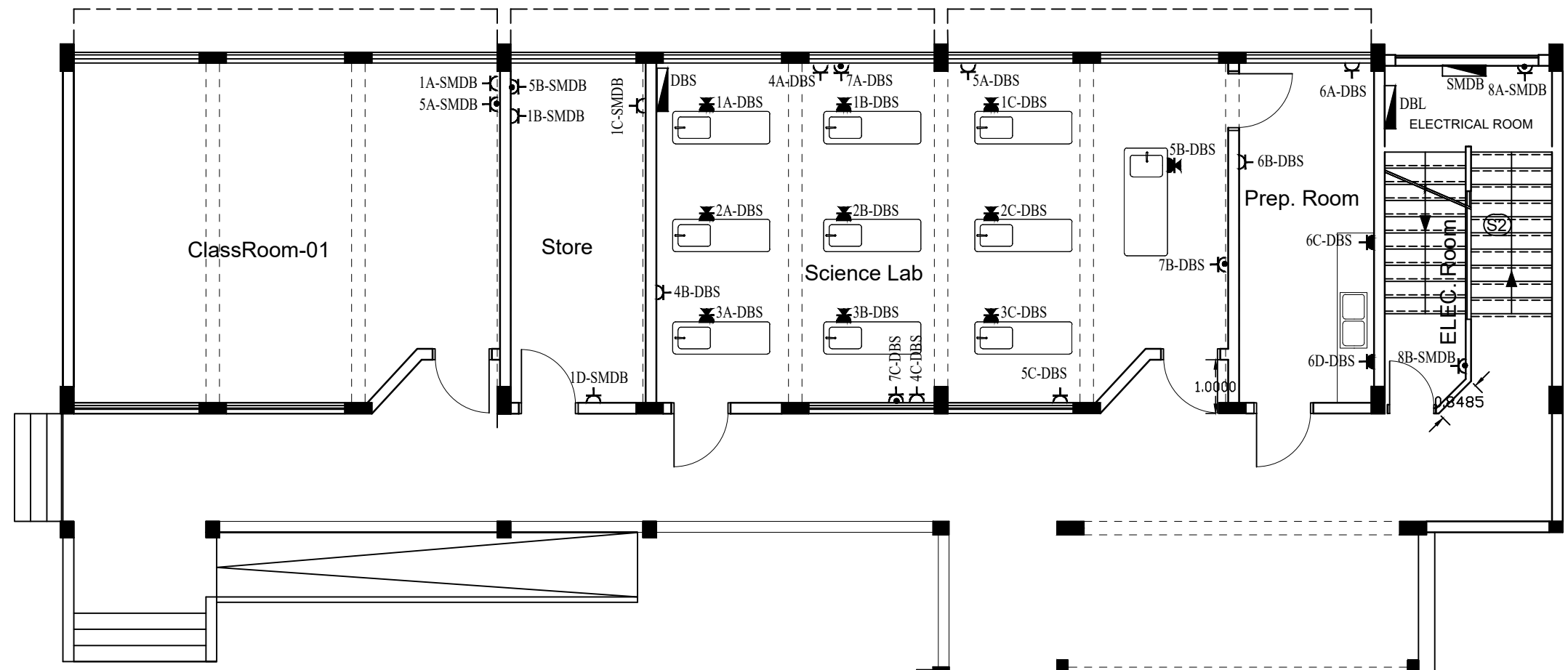


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DRAWING TITLE:
Roof Floor Lighting System Layout

DESIGN: I.A.	DATE: 30-March-2016
DRAWN: I.A.	SCALE: 1:200/A3
APPROVED: A.A.	
SHEET NO:	
E007	

ELE. 2



ELE. 3

ELE. 1

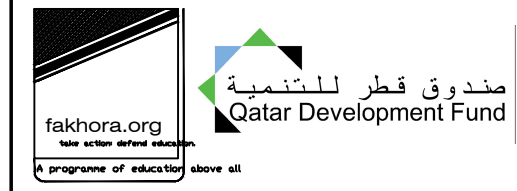
Ground Floor Power System Layout

ELE. 4



NOTES :-

FUNDED BY:



EMPLEMENTED BY:



IN COOPERATION WITH:



CONSULTANT:

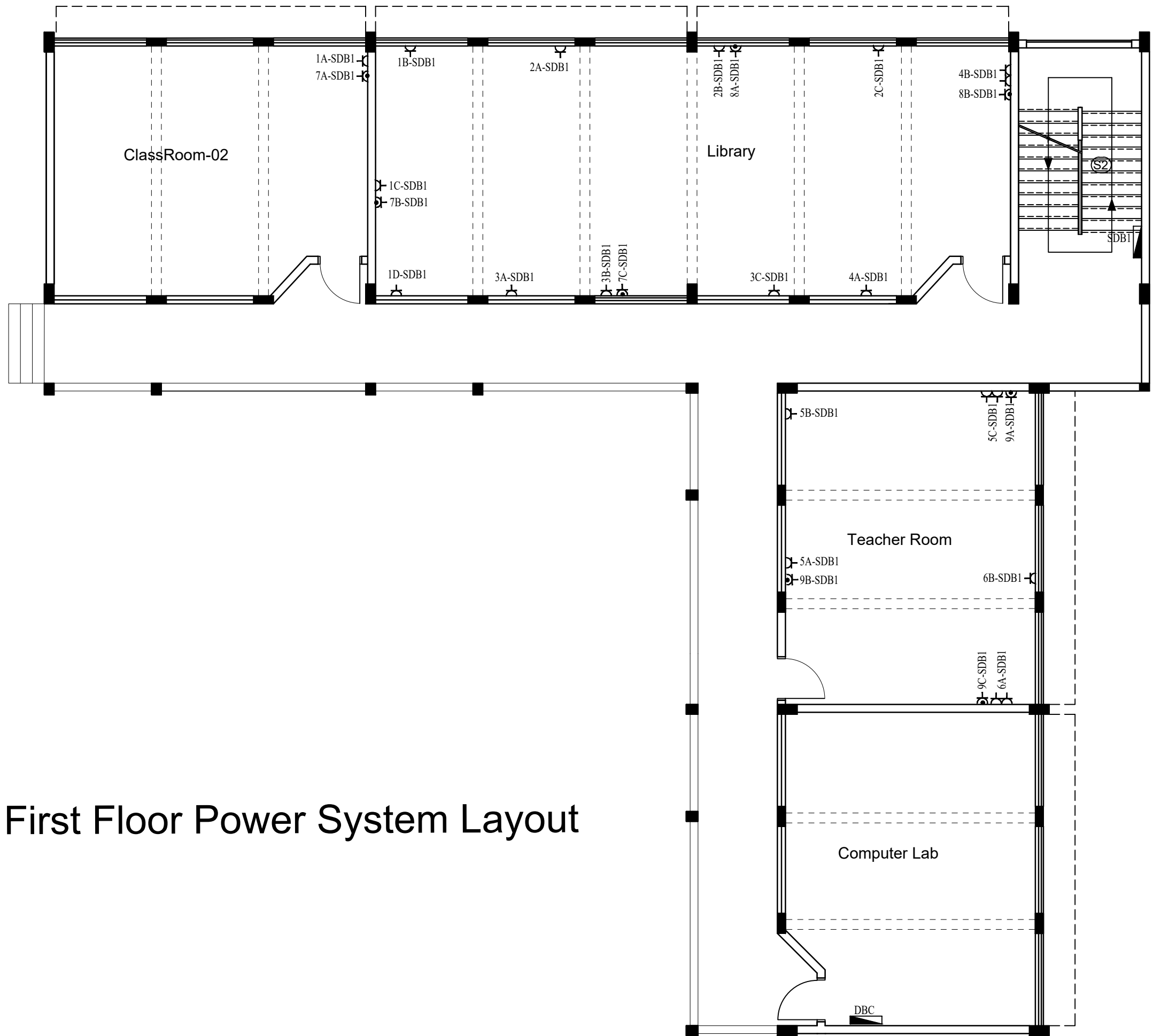


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DRAWING TITLE:
Ground Floor Power System Layout

DESIGN: I.A.	DATE: 30-March-2016
DRAWN: I.A.	SCALE: 1:200/A2
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SHEET NO:	
E008	

ELE. 2



ELE. 3

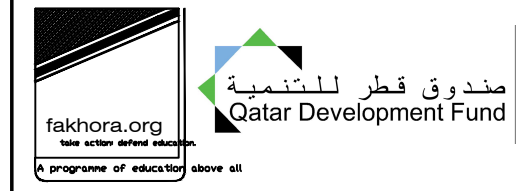
First Floor Power System Layout

ELE. 4



NOTES :-

FUNDED BY:



EMPLEMENTED BY:



IN COOPERATION WITH:



CONSULTANT:

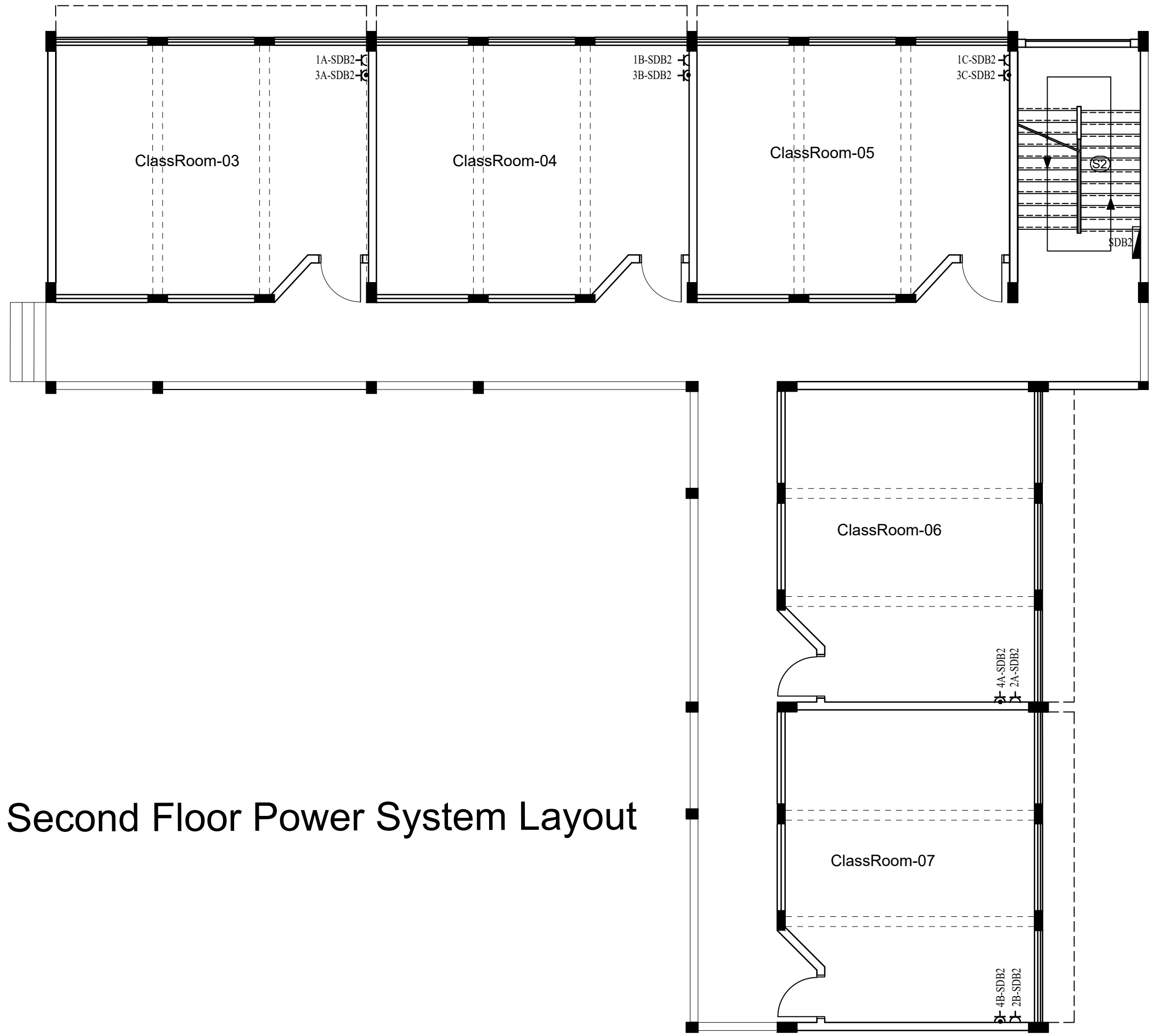


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DRAWING TITLE:
First Floor Power System Layout

DESIGN: I.A	DATE: 30-March-2016
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APPROVED: A.A	
SHEET NO:	
E009	

ELE. 2



ELE. 3

ELE. 1

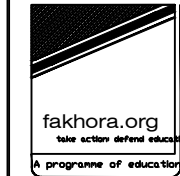
ELE. 4

Second Floor Power System Layout



NOTES :-

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DRAWING TITLE:
Second Floor Power System Layout

DESIGN: IA

DRAWN: IA

APPROVED: AA

SHEET NO:

E010

DATE:
30-March-2016

SCALE:
1:200/A3

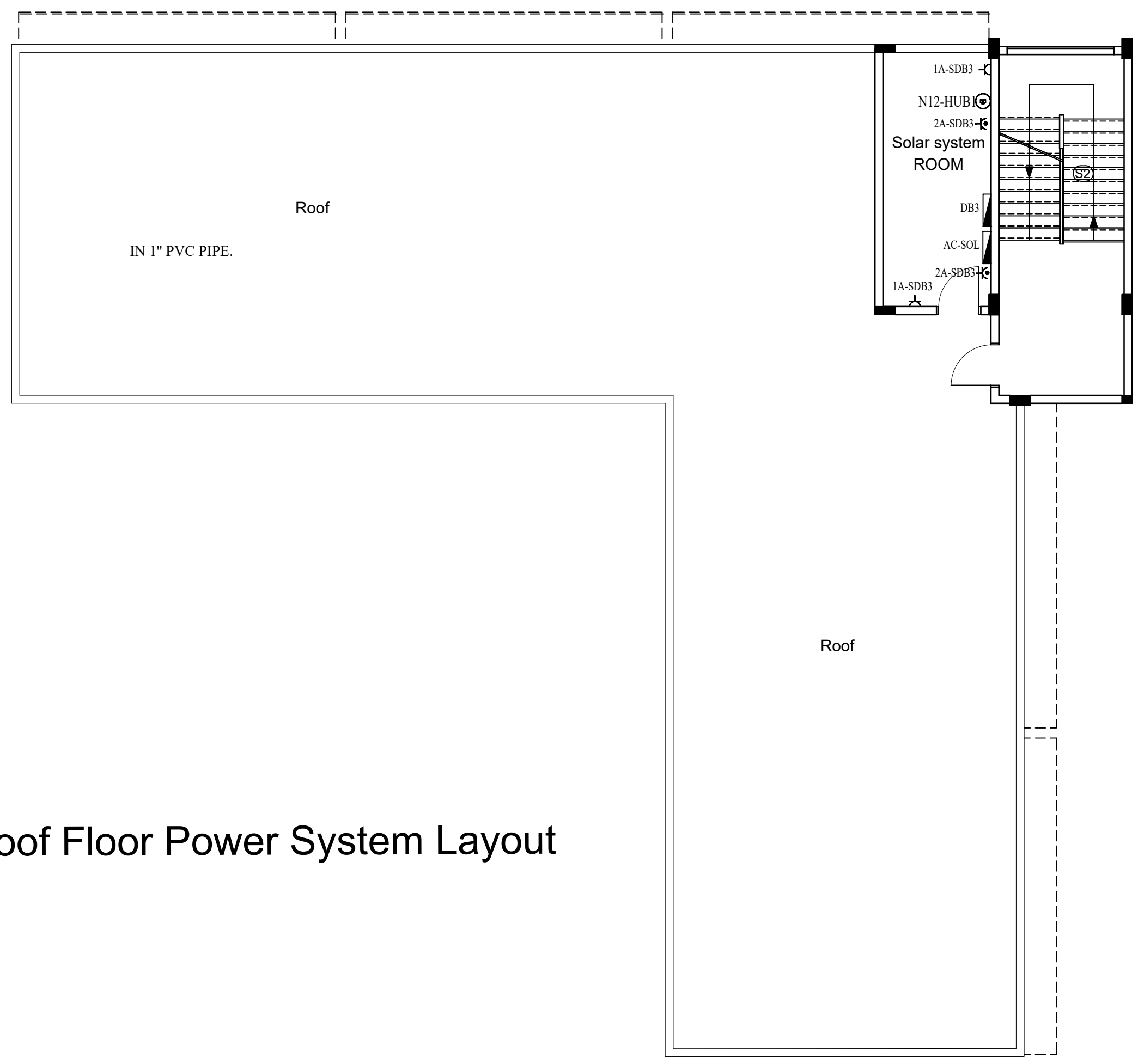
ELE. 2

ELE. 3

ELE. 1

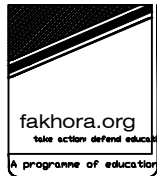
ELE. 4

Roof Floor Power System Layout



NOTES :-

FUNDED BY:



EMPLEMENTED BY:



IN COOPERATION WITH:

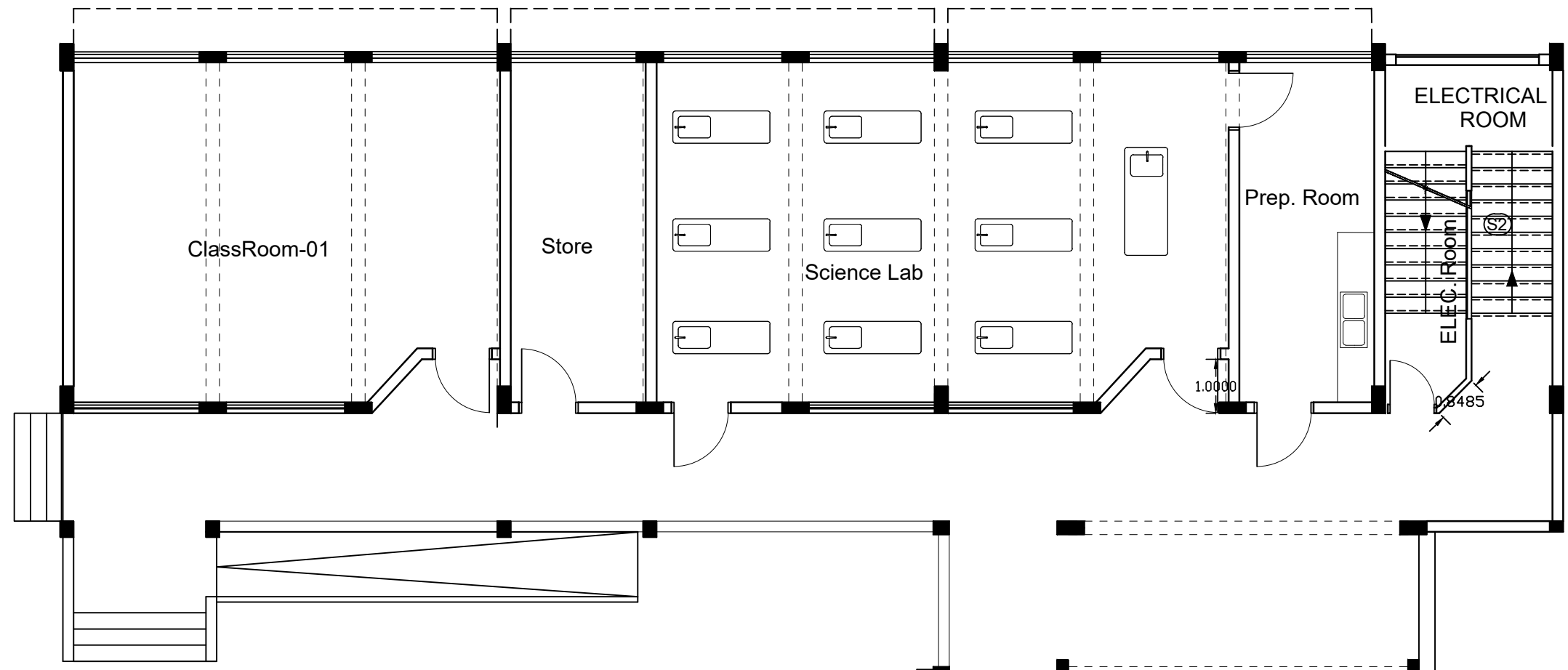


CONSULTANT:



Abo Tamam Primary Girls School	
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DESIGN: IA	DATE: 30-March-2016
DRAWN: IA	SCALE: 1:200/A3
APPROVED: AA	
SHEET NO:	
E011	

ELE. 2



ELE. 3

ELE. 1

Ground F. Audio & Data System layout

ELE. 4



NOTES :-

FUNDED BY:



EMPLEMENTED BY:



IN COOPERATION WITH:



CONSULTANT:

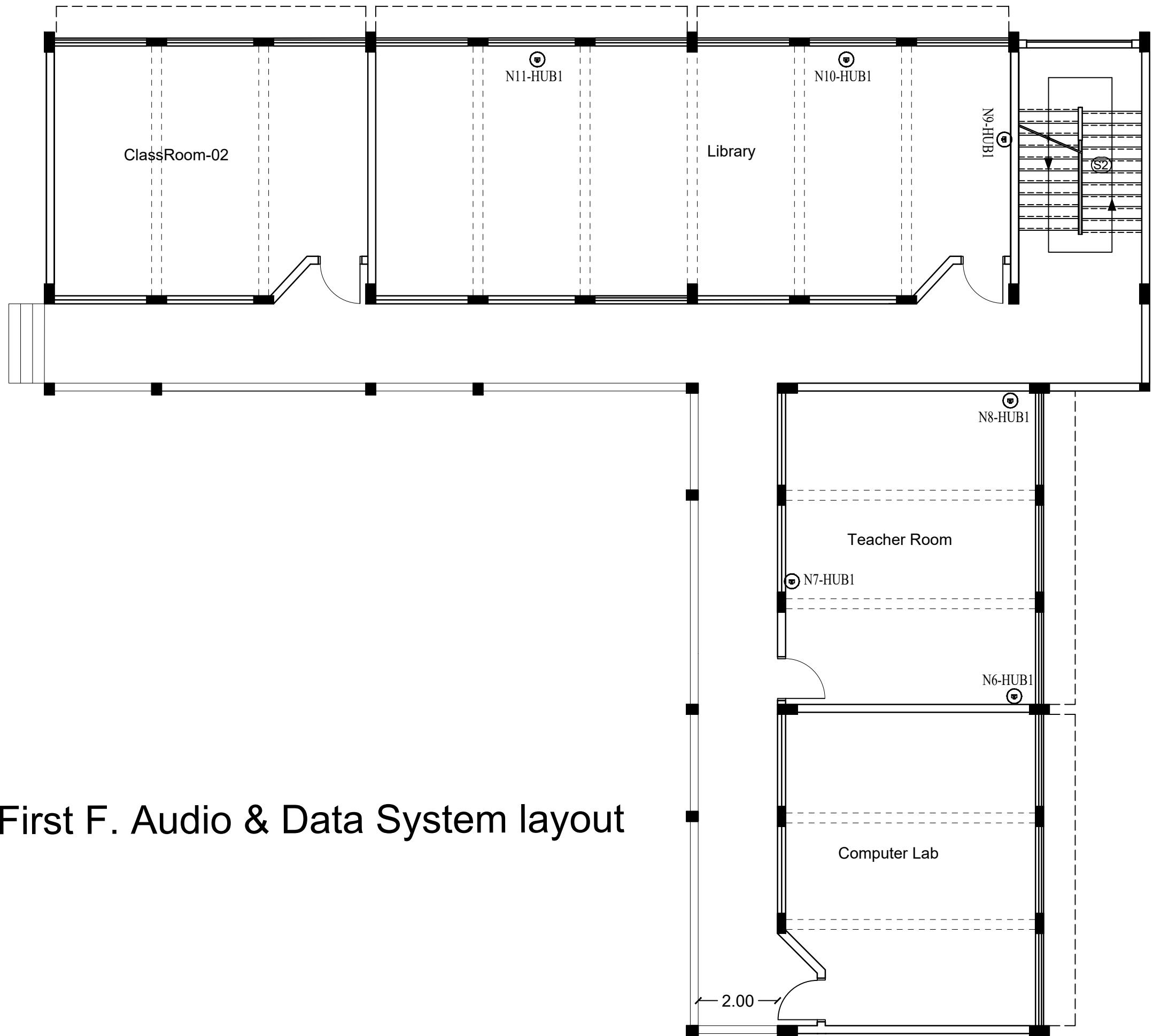


Abo Tamam Primary Girls School

DRAWING TITLE:
Ground F. Audio & Data System layout

DESIGN: I.A.	DATE: 30-March-2016
DRAWN: I.A.	SCALE: 1:200/A2
APPROVED: A.A.	
SHEET NO:	
E012	

ELE. 2



ELE. 3

First F. Audio & Data System layout

ELE. 4



NOTES :-

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EMPLEMENTED BY:



IN COOPERATION WITH:



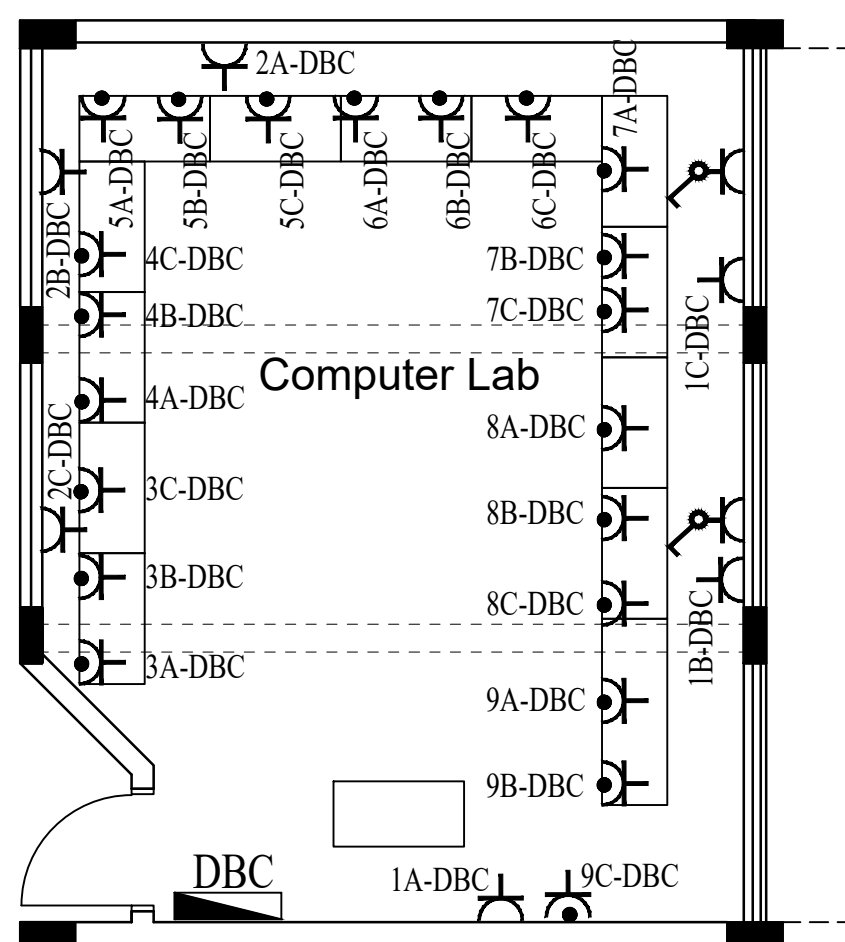
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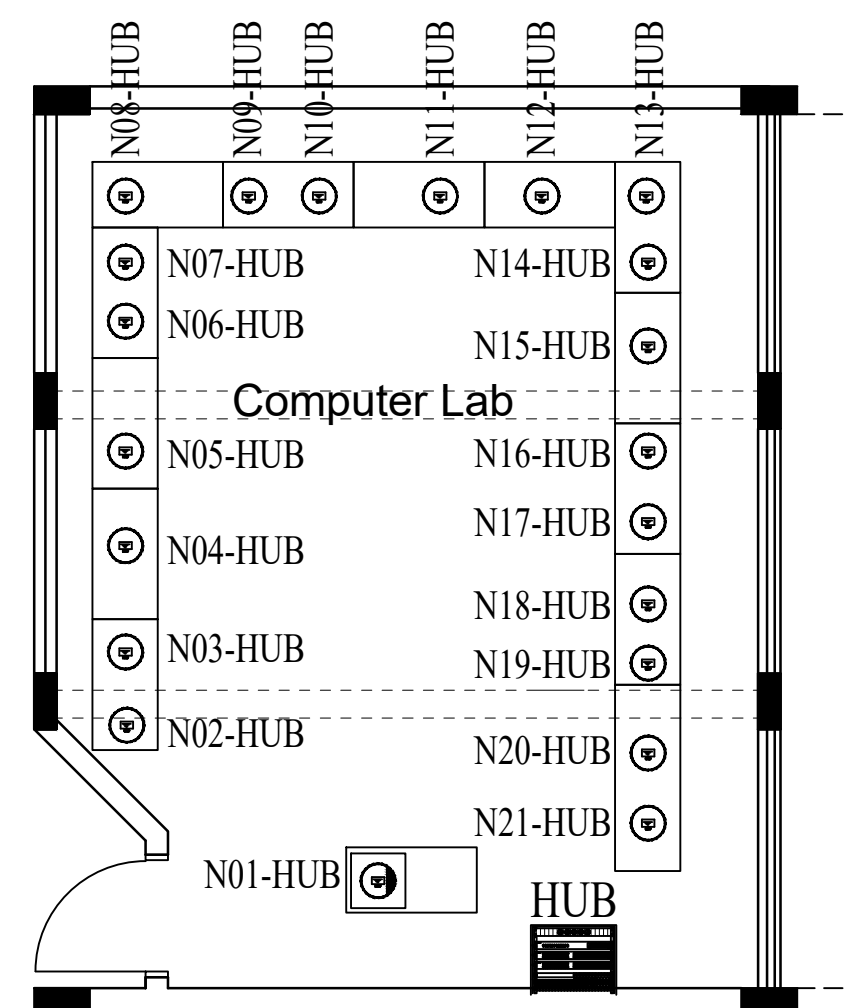
Abo Tamam Primary Girls School

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First F. Audio & Data System layout

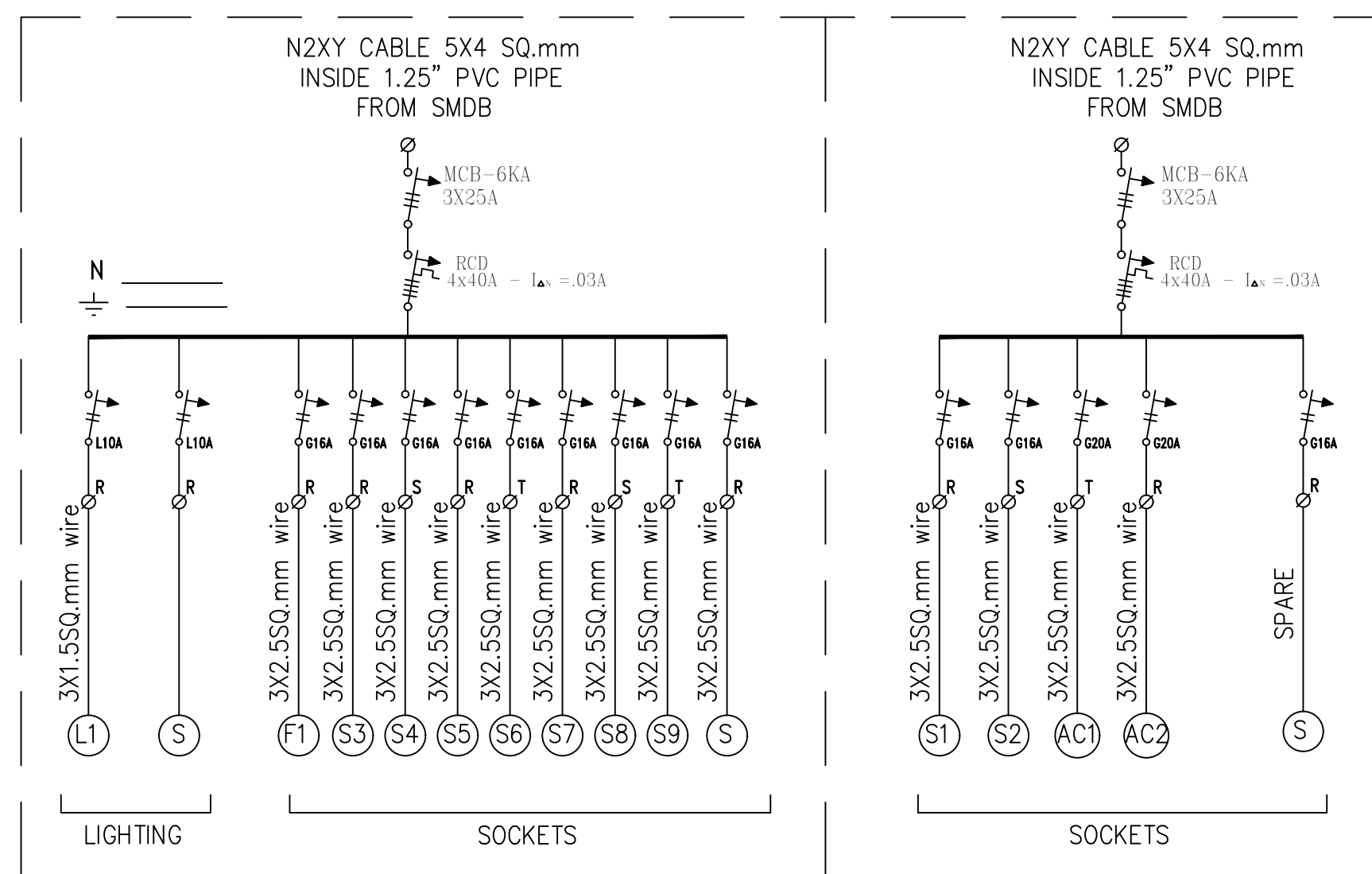
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DRAWN: IA	SCALE: 1:200/A3
APPROVED: AA	
SHEET NO:	
E013	



COMPUTER LAB. POWER SOCKETS.



COMPUTER LAB. LAN PLAN.



SUB-DISTRIBUTION BOARD (DBC-SMDB)
IN FIRST FLOOR



NOTES :-

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IN COOPERATION WITH:



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DRAWING TITLE:

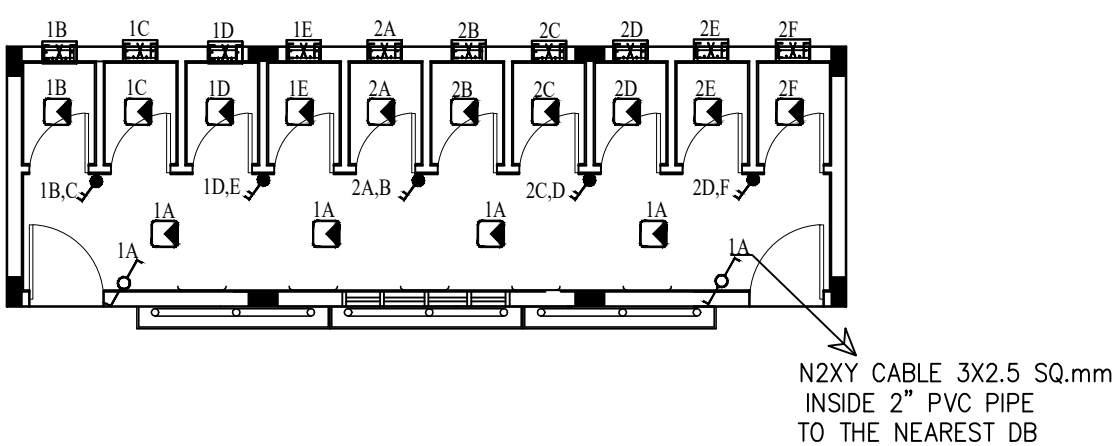
COM. LAPORATORY
DETAILS

DESIGN: I.A.
DRAWN: I.A.
APPROVED: A.A.

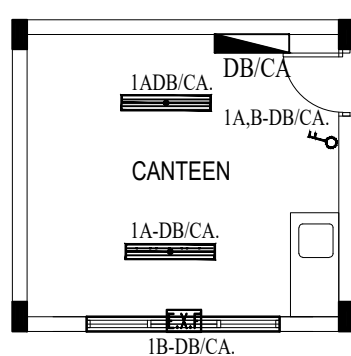
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30-March-2016
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SHEET NO:

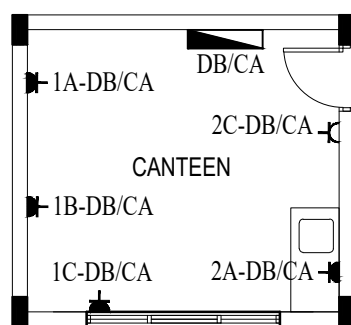
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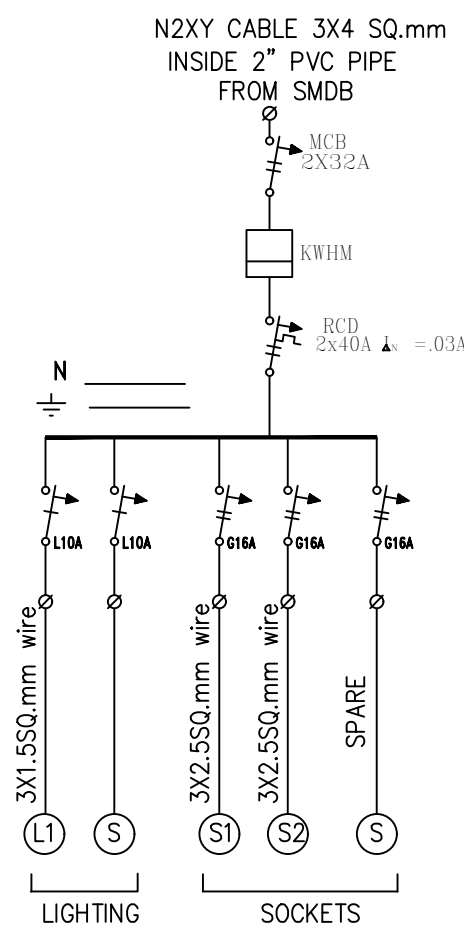
Bath Room Electrical Works



Canteen Lighting Layout



Canteen Power Layout



CANTEEN SUB-BOARD
(DB/CA-SMDB)

NOTES :-

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EMPLEMENTED BY:



IN COOPERATION WITH:



CONSULTANT:



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DRAWING TITLE:
Electrical Works Plans
Canteen And Bath Room

DESIGN: I.A.
DRAWN: I.A.
APPROVED: A.A.

DATE:
30-March-2016
SCALE:
1:200/A2

SHEET NO:
E015