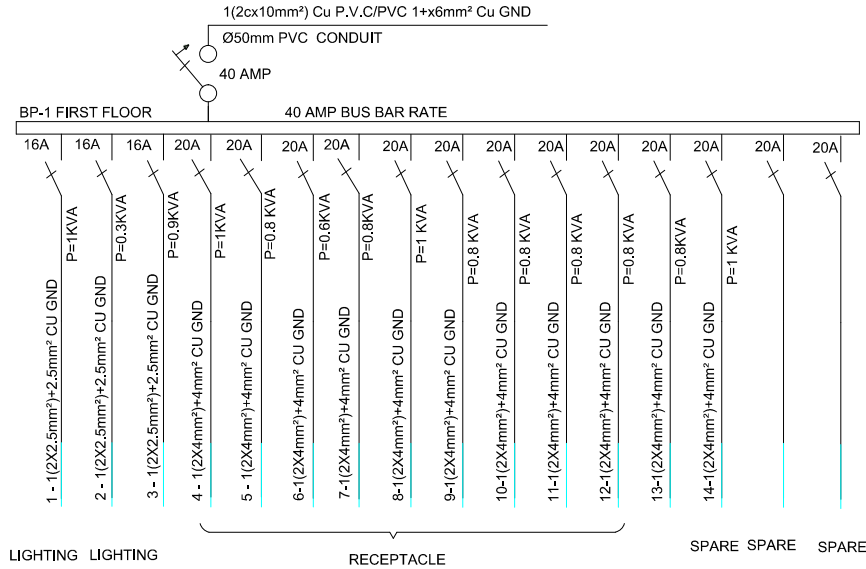


PANEL BOARD NAME : PB1 40 AMP BUS BAR RATE MAIN BREAKER :40 A															
PANEL LOCATION: 1ST FLOOR PANEL 220 VOLT , 1 PHASE , 3 WIRE , 50HZ 30KA ISC / 0.5 SEC RECESSED MOUNTED NEMA ENCLOSURE															
WIRE ,CONDUIT AND DESCRIPTION			SINGLE PHASE			TRIP & CIRCUIT				SINGLE PHASE			WIRE ,CONDUIT AND DESCRIPTION		
WIRE AND CONDUIT	GND WIRE	DESCRIPTION	A (VA)	A (VA)	A (VA)	AMP	CKT	CKT	AMP	A (VA)	A (VA)	A (VA)	DESCRIPTION	GND WIRE	WIRE AND CONDUIT
1(2X2.5mm²)Ø20mm	2.5mm²	LIGHTING	1050.0			16	1	2	16	326.4			LIGHTING	2.5mm²	1(2X2.5mm²)Ø20mm
1(2X2.5mm²)Ø20mm	2.5mm²	LIGHTING		945.0		16	3	4	20		1008.0		RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE			864.0	20	5	6	20			720.0	RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE	864.0			20	7	8	20	1008.0			RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE		864.0		20	9	10	20		864.0		RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE			864.0	20	11	12	20			864.0	RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE	864.0			20	13	14	20	1008.0			RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
		SPARE				20	15	16	20				SPARE		
SUB - TOTAL IN (VA)			2778.0	1809.0	1728.0	-	-	-	-	2342.4	1872.0	1584.0	SUB - TOTAL IN (VA)		
TOTAL PHASE (A) =			5120.4	23.3											
TOTAL PHASE (A) =			3681.0	16.7											
TOTAL PHASE (A) =			3312.0	15.1											
TOTAL CONNECTED LOAD			12113.4	18.4											
DEMAND FACTOR			0.7												
DEMAND LOAD			8479.4												
25% FUTURE LOAD			2119.8												
TOTAL LOAD			10599.2												
TOTAL AMPERE			48.2												
BREAKER SIZE			60.2												



PANEL SCHEDULE AND RISER DIAGRAM

MINISTRY OF EDUCATION
DEPARTMENT OF CONSTRUCTION

STANDARD SCHOOL DESIGN
IN AFGHANISTAN

ELECTRICAL DESIGN
CHECKED
TECH-APPROVED BY

ENG.FEROZ SADDI
ENG.RAHIM
ENG.ARMATIN MAQOL

APPROVED-Doc/Moe
SCALE
DATE

ENG.AB.MOMEN RAAD
AS SHOWN (A3)
02.08.2014

DRAWING TYPE
CODE NO
SHEET No

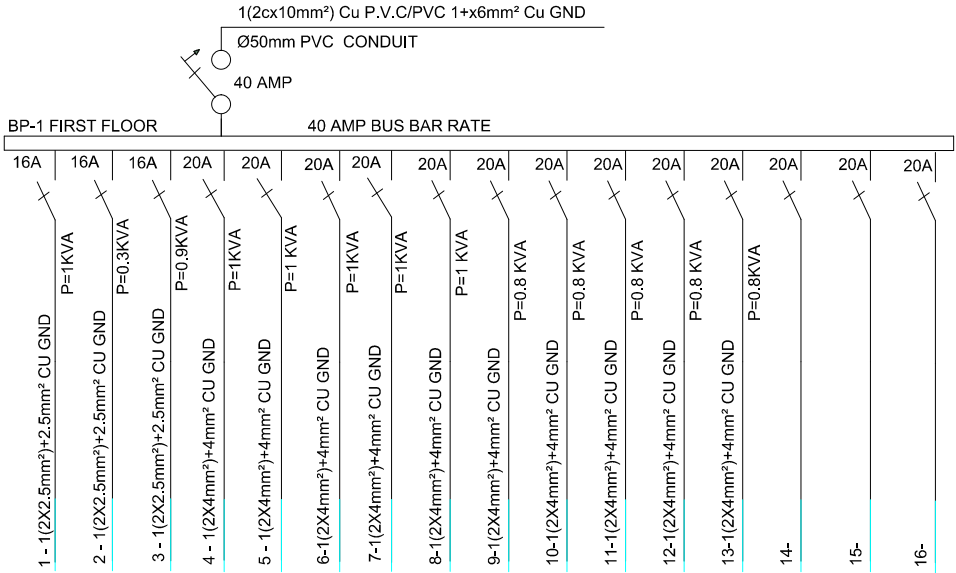
Electrical
10
10

PROJECT NAME

DRAWING TITLE

30 CLASS ROOM SCHOOL
CHANGE OVER DETAIL.

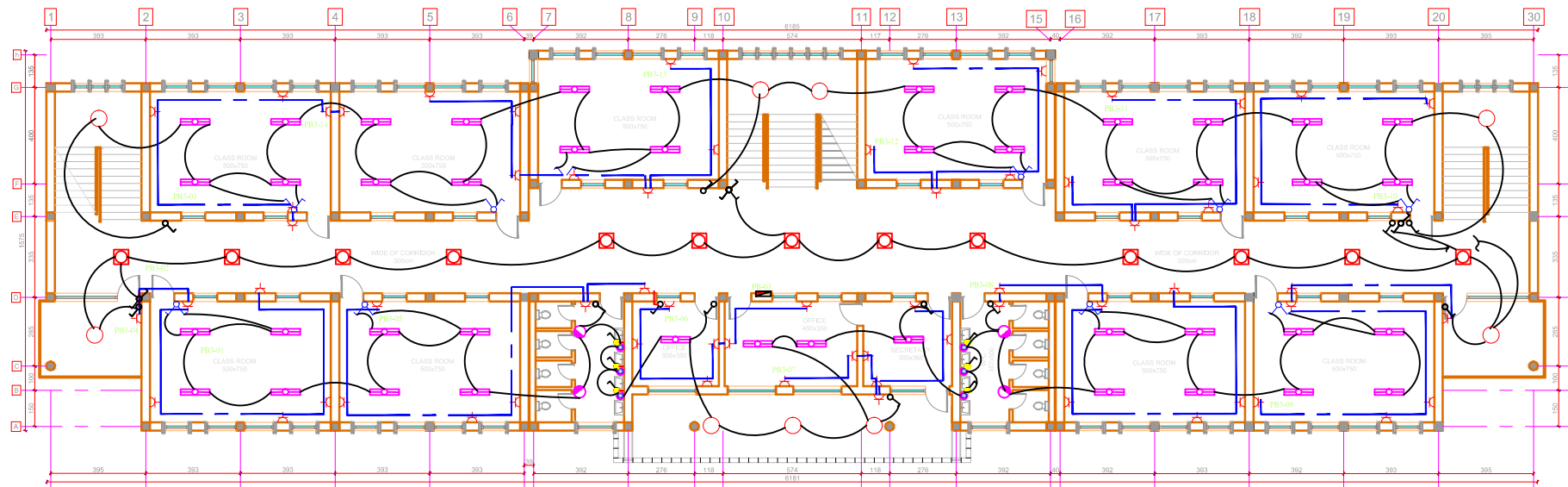
PANEL BOARD NAME : PB2 40 AMP BUS BAR RATE MAIN BREAKER :40 A															
PANEL LOCATION: 2ND FLOOR PANEL 220 VOLT , 1 PHASE , 3 WIRE , 50HZ 30KA ISC / 0.5 SEC RECESSED MOUNTED NEMA ENCLOSURE															
WIRE ,CONDUIT AND DESCRIPTION			SINGLE PHASE			TRIP & CIRCUIT				SINGLE PHASE			WIRE ,CONDUIT AND DESCRIPTION		
WIRE AND CONDUIT	GND WIRE	DESCRIPTION	A (VA)	A (VA)	A (VA)	AMP	CKT	CKT	AMP	A (VA)	A (VA)	A (VA)	DESCRIPTION	GND WIRE	WIRE AND CONDUIT
1(2X2.5mm²)Ø20mm	2.5mm²	LIGHTING	1050.0			16	1	2	16	326.4			LIGHTING	2.5mm²	1(2X2.5mm²)Ø20mm
1(2X2.5mm²)Ø20mm	2.5mm²	LIGHTING		945.0		16	3	4	20		1008.0		RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE			1008.0	20	5	6	20			1008.0	RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE	1008.0			20	7	8	20	720.0			RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE		864.0		20	9	10	20		864.0		RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE			864.0	20	11	12	20			864.0	RECEPTACLE	4mm²	1(2X4mm²)Ø20mm
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE	864.0			20	13	14	20				SPARE		
		SPARE				20	15	16	20				SPARE		
SUB - TOTAL IN (VA)			2922.0	1809.0	1872.0	-	-	-	-	1046.4	1872.0	1872.0	SUB - TOTAL IN (VA)		
TOTAL PHASE (A) =			3968.4	18.0											
TOTAL PHASE (A) =			3681.0	16.7											
TOTAL PHASE (A) =			3744.0	17.0											
TOTAL CONNECTED LOAD			11393.4	17.3											
DEMAND FACTOR			0.7												
DEMAND LOAD			7975.4												
25% FUTURE LOAD			1993.8												
TOTAL LOAD			9969.2												
TOTAL AMPERE			45.3												
BREAKER SIZE			56.6												



PANEL SCHEDULE

MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ELECTRICAL DESIGN	ENG.FEROZ SADDI	APPROVED-Doc/Moe	ENG.AB.MOMEN RAAD	DRAWING TYPE	Electrical	PROJECT NAME	30 CLASS ROOM SCHOOL CHANGE OVER DETAIL.
		CHECKED	ENG.RAHIM	SCALE	AS SHOWN (A3)	CODE NO	S.0263	DRAWING TITLE	
		TECH-APPROVED BY	ENG.AB.MATIN MAQOOL	DATE	02.08.2014	SHEET No	10 10		

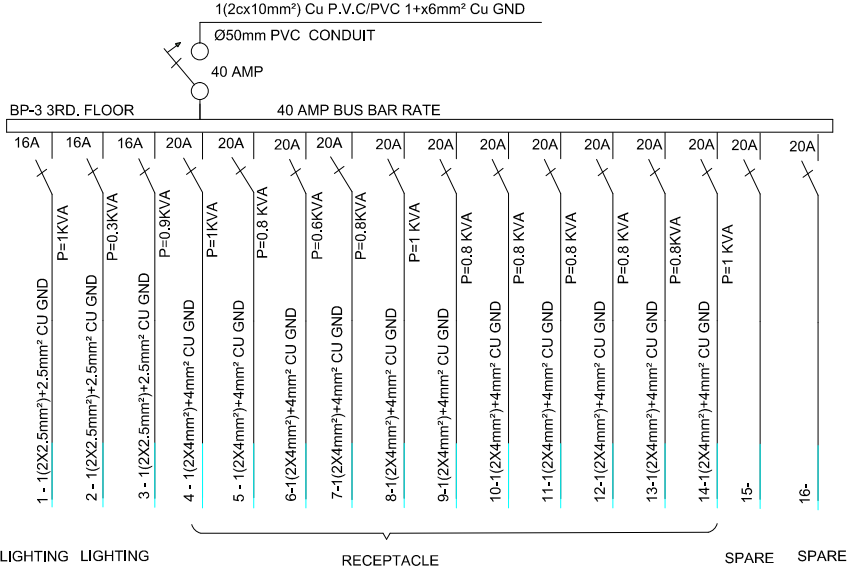
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

	MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION		STANDARD SCHOOL DESIGN IN AFGHANISTAN	ELECTRICAL DESIGN	ENG.FEROZ SADIQ	APPROVED-Doc/Moe	ENG.AB.MOMEN RAAD	DRAWING TYPE	Electrical	PROJECT NAME	30 CLASS ROOM SCHOOL CHANGE OVER DETAIL.
				CHECKED	ENG.RAHIM	SCALE	AS SHOWN (A3)	CODE NO	S.0293	DRAWING TITLE	
				TECH-APPROVED BY	ENG.AB.MATIN MAQOOL	DATE	02.08.2014	SHEET No	10/10		

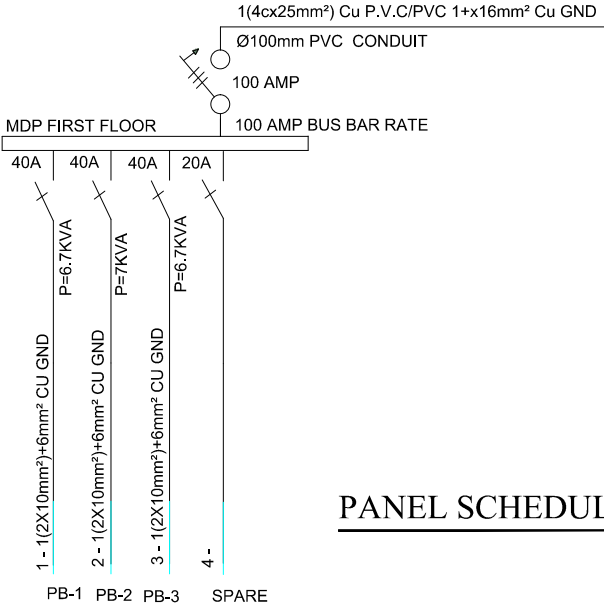
PANEL BOARD NAME : PB3			40 AMP BUS BAR RATE			MAIN BREAKER :40 A											
PANEL LOCATION: 3RD FLOOR			PANEL 220 VOLT , 1 PHASE , 3 WIRE , 50HZ 30KA			ISC / 0.5 SEC											
RECESSED MOUNTED NEMA ENCLOSURE																	
WIRE ,CONDUIT AND DESCRIPTION			SINGLE PHASE			TRIP & CIRCUIT				SINGLE PHASE			WIRE ,CONDUIT AND DESCRIPTION				
WIRE AND CONDUIT	GND WIRE	DESCRIPTION	A (VA)	A (VA)	A (VA)	AMP	CKT	CKT	AMP	A (VA)	A (VA)	A (VA)	DESCRIPTION	GND WIRE	WIRE AND CONDUIT		
1(2X2.5mm²)Ø20mm	2.5mm²	LIGHTING	1050.0			16	1	2	16	326.4			LIGHTING	2.5mm²	1(2X2.5mm²)Ø20mm		
1(2X2.5mm²)Ø20mm	2.5mm²	LIGHTING		945.0		16	3	4	20		1008.0		RECEPTACLE	4mm²	1(2X4mm²)Ø20mm		
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE			864.0	20	5	6	20			720.0	RECEPTACLE	4mm²	1(2X4mm²)Ø20mm		
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE	864.0			20	7	8	20	1008.0			RECEPTACLE	4mm²	1(2X4mm²)Ø20mm		
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE		864.0		20	9	10	20		864.0		RECEPTACLE	4mm²	1(2X4mm²)Ø20mm		
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE			864.0	20	11	12	20			864.0	RECEPTACLE	4mm²	1(2X4mm²)Ø20mm		
1(2X4mm²)Ø20mm	4mm²	RECEPTACLE	864.0			20	13	14	20	1008.0			RECEPTACLE	4mm²	1(2X4mm²)Ø20mm		
		SPARE				20	15	16	20				SPARE				
SUB - TOTAL IN (VA)			2778.0	1809.0	1728.0	-	-	-	-	2342.4	1872.0	1584.0	SUB - TOTAL IN (VA)				
TOTAL PHASE (A) =			5120.4	23.3													
TOTAL PHASE (A) =			3681.0	16.7													
TOTAL PHASE (A) =			3312.0	15.1													
TOTAL CONNECTED LOAD			12113.4	18.4													
DEMAND FACTOR			0.7														
DEMAND LOAD			8479.4														
25% FUTURE LOAD			2119.8														
TOTAL LOAD			10599.2														
TOTAL AMPERE			48.2														
BREAKER SIZE			60.2														



PANEL SCHEDULE AND RISER DIAGRAM

	MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION		STANDARD SCHOOL DESIGN IN AFGHANISTAN	ELECTRICAL DESIGN	ENG.FEROZ SADDI	APPROVED-Doc/Moe	ENG.AB.MOMEN RAAD	DRAWING TYPE	Electrical	PROJECT NAME	
				CHECKED	ENG.RAHIM	SCALE	AS SHOWN (A3)	CODE NO	S.0263		
				TECH- APPROVED BY	ENG.AB.MATIN MAQOOL	DATE	02.08.2014	SHEET No		DRAWING TITLE	30 CLASS ROOM SCHOOL CHANGE OVER DETAIL.

PANEL BOARD NAME : MDP 100 AMP BUS BAR RATE															MAIN BREAKER :100 A				
PANEL LOCATION: 1ST FLOOR PANEL 220 VOLT 3 PHASE , 5 WIRE , 50HZ 30KA ISC / 0.5 SEC															RECESSED MOUNTED NEMA ENCLOSURE				
WIRE ,CONDUIT AND DESCRIPTION			SINGLE PHASE			TRIP & CIRCUIT				SINGLE PHASE			WIRE ,CONDUIT AND DESCRIPTION						
WIRE AND CONDUIT	GND WIRE	DESCRIPTION		B (VA)	A (VA)	AMP	CKT	CKT	AMP	C (VA)			DESCRIPTION	GND WIRE	WIRE AND CONDUIT				
1(4X10mm²)Ø25mm	6mm²	PB-1	0		10599	40	1	2	40	10599			PB-2	6mm²	1(4X10mm²)Ø25mm				
1(4X10mm²)Ø25mm	6mm²	PB-3		9969		40	3	4	40		0	0	SPARE						
SUB - TOTAL IN (VA)			0.0	9969.0	10599.0	-	-	-	-	10599.0	0.0	0.0	SUB - TOTAL IN (VA)						
TOTAL PHASE (A) =			10599.0	48.2															
TOTAL PHASE (A) =			9969.0	45.3															
TOTAL PHASE (A) =			10599.0	48.2															
TOTAL CONNECTED LOAD			31167.0	47.4															
DEMAND FACTOR			0.6																
DEMAND LOAD			18700.2																
25% FUTURE LOAD			4675.1																
TOTAL LOAD			23375.3																
TOTAL AMPERE			106.3																
BREAKER SIZE			132.8																



PANEL SCHEDULE AND RISER DIAGRAM

	MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION		STANDARD SCHOOL DESIGN IN AFGHANISTAN	ELECTRICAL DESIGN	ENG.FEROZ SADID	APPROVED:Doc/Moe	ENG.AB.MOMEN RAAD	DRAWING TYPE	Electrical	PROJECT NAME	
				CHECKED	ENG.RAHIM	SCALE	AS SHOWN (A3)	CODE NO	S.0263		
				TECH- APPROVED BY	ENG.AB.MATIN MAQOL	DATE	02.08.2014	SHEET No		30 CLASS ROOM SCHOOL	CHANGE OVER DETAIL.

LIST OF SPECIFICATIONS

NO.	DESCRIPTION	SIGNS	UNIT	PIECES	REMARKS
1	SINGLE POLE SWITCH UNDER PLASTER		NO	30	
2	SINGLE POLE SWITCH UNDER PLASTER ANTI DUMP		NO	18	
3	TWO WAY SWITCHES		NO	6	
4	SOCKET OUTLET - SINGLE PHASE		NO	200	
5	FLUORESCENT TUBE 2x36W		SET	108	
6	CEILING FLUORESCENT 4x18W		NO	44	
7	ROUND/GLOBE FITTING 1x24W WATER PROOF OUT DOOR		NO	19	
8	ROUND/GLOBE FITTING 1x18W WATER PROOF		NO	18	
9	DISTREBUTER PANEL BOARD		SET	1	
10	DOUBLE POLE SWITCH UNDER PLASTER		NO	30	
11	THREE WAY SWITCHES		NO	3	
12	ROUND/GLOBE FITTING 1x24W WATER PROOF		NO	12	
13	DISTRIBUTION PENAL BOARD 3X16AMP+R,C,B,O		NO	3	RCBO(Residual Circuit Breaker Over Current.
14	AND 13X20AMP CB+R,C,B,O				
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

RCBO(Residual Circuit Breaker Over Current



MINISTRY OF EDUCATION
DEPARTMENT OF CONSTRUCTION



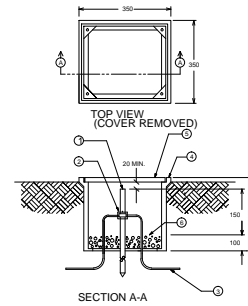
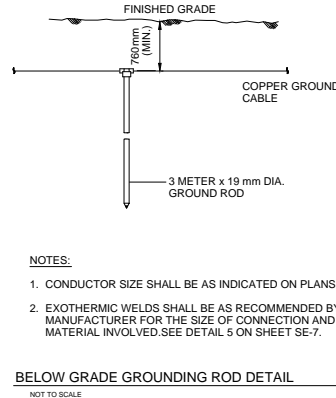
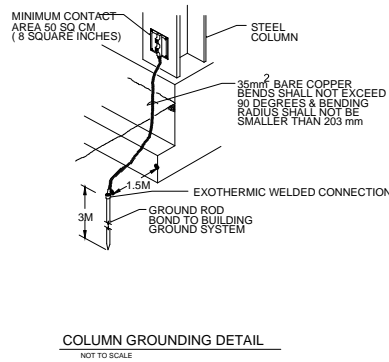
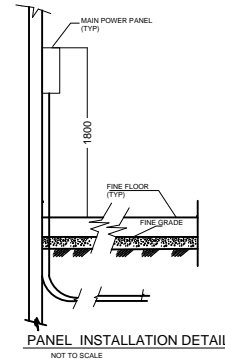
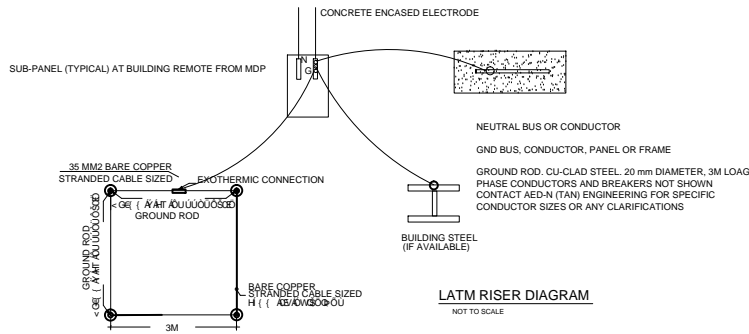
STANDARD SCHOOL DESIGN
IN AFGHANISTAN

ELECTRICAL DESIGN	ENG.FEROZ SADID
CHECKED	ENG.RAHIM
TECH-APPROVED BY	ENG.AB.MATIN MAQOOL

APPROVED:Doc/Moe	ENG.AB.MOMEN RAAD
SCALE	AS SHOWN (A3)
DATE	02.08.2014

DRAWING TYPE	Electrical
CODE NO	S.0263
SHEET No	10/10

PROJECT NAME	
DRAWING TITLE	30 CLASS ROOM SCHOOL CHANGE OVER DETAIL.



- MATERIAL LIST**
- ① GROUND ROD
 - ② EXOTHERMIC WELD
 - ③ GROUNDING CONDUCTOR 70mm² COPPER
 - ④ POLYMER CONCRETE FIBERGLASS REINFORCED BOX
 - ⑤ COVER FOR ABOVE BOX
 - ⑥ GRAVEL OR CRUSHED STONE

- NOTES:**
- CONDUCTOR SIZE SHALL BE AS INDICATED ON PLANS.
 - EXOTHERMIC WELDS SHALL BE AS RECOMMENDED BY MANUFACTURER FOR THE SIZE OF CONNECTION AND MATERIAL INVOLVED. SEE DETAIL 5 ON SHEET SE-7.

MINISTRY OF EDUCATION
DEPARTMENT OF CONSTRUCTION

STANDARD SCHOOL DESIGN
IN AFGHANISTAN


















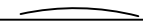








ELECTRICAL/DESIGN	ENG.FEROZ SADID	APPROVED:Doc/Moe	ENG.AB.MOMEN RAAD	DRAWING TYPE	Electrical
CHECKED	ENG.M.RAHIM	SCALE	AS SHOWN (A3)	CODE NO	S.0263
TECH. APPROVED BY	ENG.AB.MATIN MAQOL	DATE	02.08.2014	SHEET No	1/10

PROJECT NAME

DRAWING TITLE

30 CLASS ROOM SCHOOL
LEGENDS

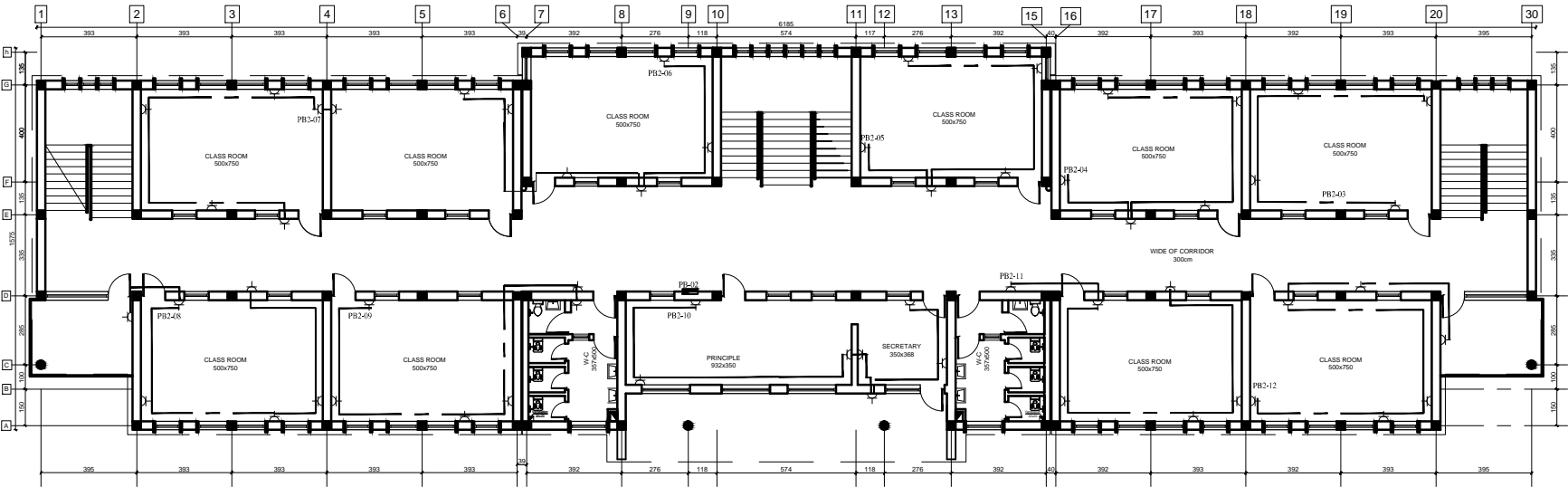
LIST OF SPECIFICATIONS

NO.	DESCRIPTION	SIGNS	UNIT	PIECES	REMARKS
1	SINGLE POLE SWITCH UNDER PLASTER 10 AMP WATER PROVE TYPE GOOD QUALITY.		NO	11	
1	SINGLE POLE SWITCH UNDER PLASTER 10 AMP GOOD QUALITY.		NO	7	
2	SINGLE POLE SWITCH UNDER PLASTER ANTI DUMP		NO	18	
3	TWO WAY SWITCHES		NO	33	
4	SOCKET OUTLET - SINGLE PHASE		NO	191	
5	CEILING FLUORESCENT TUBE 2x36W GOOD QUALITY.		SET	130	
6	CEILING FLUORESCENT 4x15W GOOD QUALITY.		NO	57	
7	ROUND/GLOBE FITTING ON WALL 1x24W WATER PROOF OUT DOOR		NO	6	
8	ROUND/GLOBE FITTING ON WALL 1x18W WATER PROOF.		NO	18	
9	DISTRIBUTOR PANEL BOARD 50AMP 3PHASE MINE C B, 3X70AMP CB, 1X80 AMP CB.		SET	1	
10	CEILING FLUORESCENT 4x15W WATER PROVE GOOD QUALITY OUT DOOR.		NO	7	
11	DOUBLE POLE SWITCH UNDER PLASTER 10AMP GOOD QUALITY.		NO	31	
12	ROUND/GLOBE FITTING 1x24W WATER PROOF		NO	12	
13	CHANGE OVER 3PHASE 30AMP.		NO	1	When we use power from net work we do not need change over .
14	CHANGE OVER 1PASE 30 AMP.		NO	1	When we use power from net work we do not need change over .
15	DISTRIBUTION PENAL BOARD 1X80AMP MINE CB, 2X16AMP CB+R,C,B,O AND 16X20AMP CB+R,C,B,O		NO	1	RCBO(Residual Circuit Breaker Over Current).
16	DISTRIBUTION PENAL BOARD 1X70AMP MINE CB, 2X16AMP CB+R,C,B,O AND 16X20AMP CB+R,C,B,O		NO	2	RCBO(Residual Circuit Breaker Over Current).
17	Y 004YGE T T 00000000000000000000		M	3100	
18	Y 004YI T T 00000000000000000000		M	2900	
19	00000000000000000000000000000000		M	1800	
20	00000000000000000000000000000000		M	27	
21	00000000000000000000000000000000		M	25	
22	00000000000000000000000000000000		M	50	
23	CABAL 1(4X35)MM2 FOR MINE FADER+1x35mm2 for ground.		M	50	IF DISTANCE IS MORE THEN 50METERS TAKE 1(4X50)MM2.
24	CONDUIT 4INCH FOR 2.5MM2 AND 4MM2 WIRE.		M	50	
25	CEILING PVC JOIN POX.		NO	185	

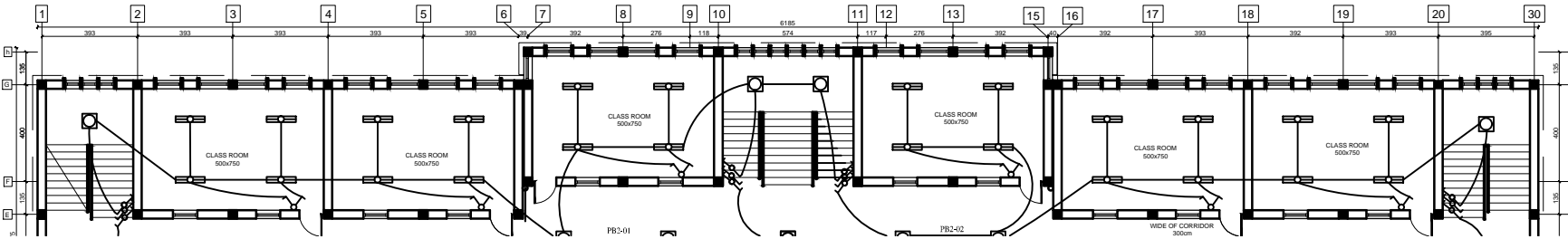
NOTES

- 1-Hight of sockets 450mm from floor.
- 2-Hight of switches 135mm from floor.
- 3-Hight of penal boards& Mine penal board 1800mm the highest.
- 4-All wire 1x2.5 and 1x4mm2 should install in conduit pipe 20mm diameters.
- 5-All conduit must be in the plaster.
- 6-All bulbs, switches and sockets which are in moisture must be water prove type.
- 7-Connect Phase wire in CB and Neutral wire on RCBO.
- 8-MDP Mine Distribution Penal.
- 9-PB Penal Board.
- 10-CB Circuit Breaker.
- 11-All connection must have plastic joint clapper (from one bulb to other).
- 12-Install ceiling PVC joint box for 2x36W & 4x15W bulb (small size which are not shown from down) bulb should cover them.
- 13-R.C.B.O Residual Circuit Breaker Over Current.
- 14-Amp Amperes.
- 15-W Watt.
- 16-Hz Hertz.
- 17-Use 3 color wire one for phase one for neutral one for grounding.
- 18-All wire in Penal board must have mark 1,2,3.. Which show the Circuit numbers.
- 19-All wire in penal boards must be in plastic cover.
- 20-Resistase of grounding should be not more then 25 Ohms per NIC code.
- 21-Use one phase for ground floor, one phase for first floor and other phase for second floor.

First floor power plan



First floor lighting plan



MINISTRY OF EDUCATION
DEPARTMENT OF CONSTRUCTION

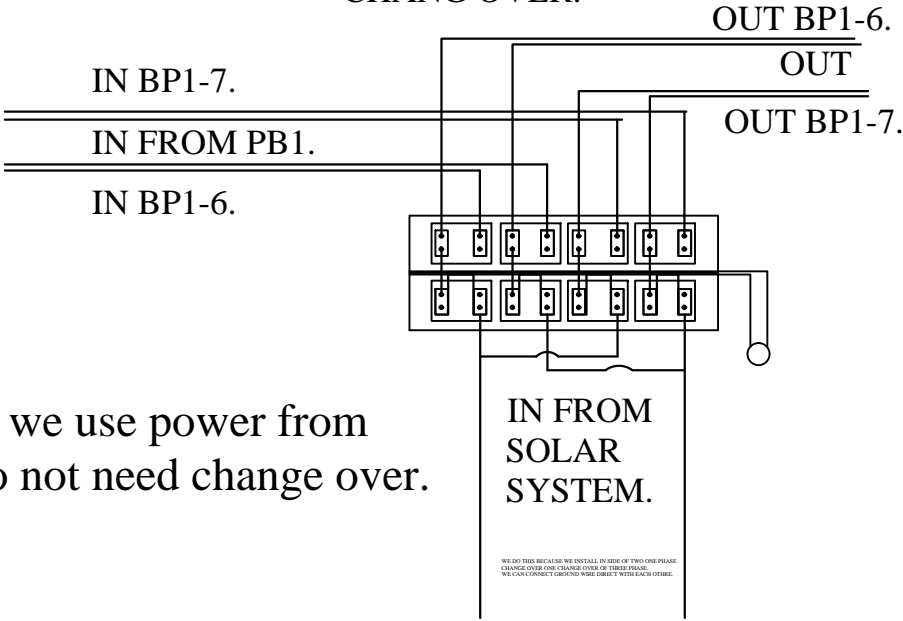
STANDARD SCHOOL DESIGN
IN AFGHANISTAN

ELECTRICAL/DESIGN	ENG.FEROZ SADDI	APPROVED:Doc/Moe	ENG.AB.MOMEN RAAD
CHECKED	ENG.M. RAHIM	SCALE	AS SHOWN (A3)
TECH. APPROVED BY	ENG.AB.MATIN MAQOL	DATE	02.08.2014

DRAWING TYPE	Electrical
CODE NO	S.0263
SHEET No	1

PROJECT NAME	30 CLASS ROOM SCHOOL
DRAWING TITLE	LEGENDS

INSTALL IN SIDE OF TWO ONE PHASE
CHANG OVER ONE THREE PHASE
CHANG OVER.



Not: When we use power from
network we do not need change over.

FOR LIGHTING OF COMPUTER ROOM WE
NEED ONE CHANGE OVER ONE PHASE
WE CAN INSTALL IT NEAR THE 3PHASE
CHANGE OVER.

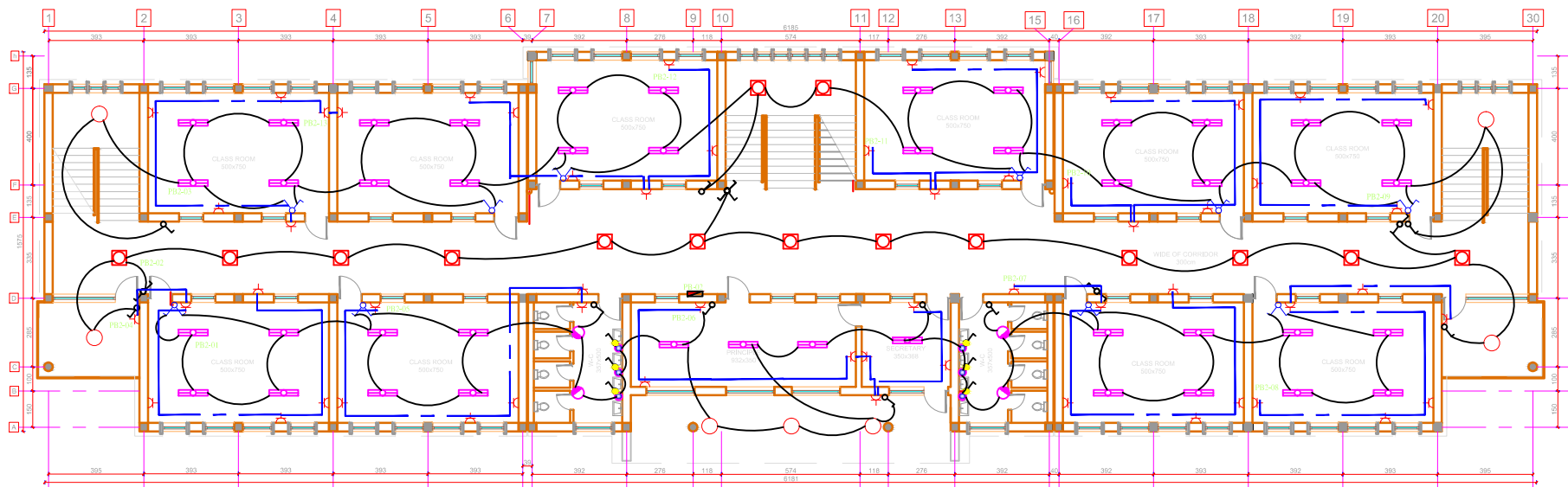
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

	MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION		STANDARD SCHOOL DESIGN IN AFGHANISTAN	ELECTRICAL/DESIGN	ENG.FEROZ SADDI	APPROVED/Doc/Moe	ENG.AB.MOMEN RAAD	DRAWING TYPE	Electrical	PROJECT NAME	30 CLASS ROOM SCHOOL LEGENDS
				CHECKED	ENG.M.RAHIM	SCALE	AS SHOWN (A3)	CODE NO	S.0263		
				TECH-APPROVED BY	ENG.AB.MATIN MAQOL	DATE	02.08.2014	SHEET No	1/10		

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

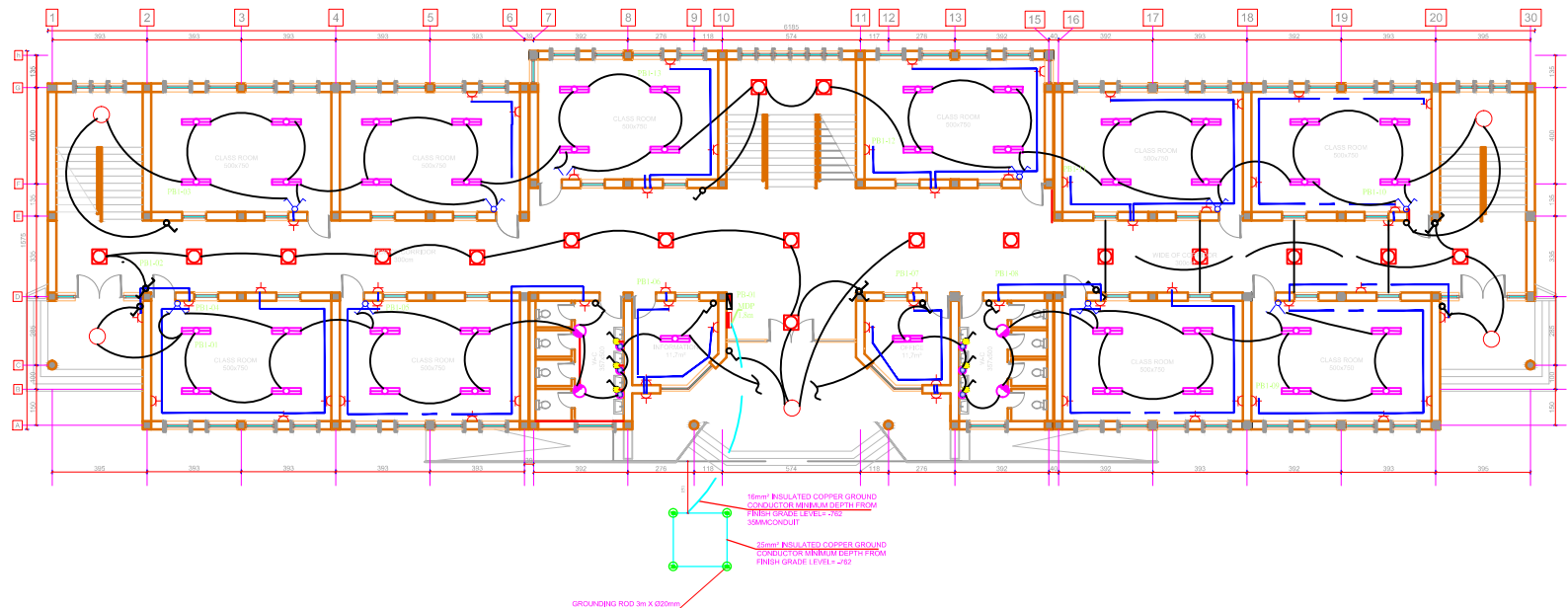
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



	MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION		STANDARD SCHOOL DESIGN IN AFGHANISTAN	ELECTRICAL DESIGN	ENG.FEROZ SADID	APPROVED: Doc/Moe	ENG.AB.MOMEN RAAD	DRAWING TYPE	Electrical	PROJECT NAME	30 CLASS ROOM SCHOOL CHANGE OVER DETAIL.
				CHECKED	ENG.RAHIM	SCALE	AS SHOWN (A3)	CODE NO	S.0263		
				TECH-APPROVED BY	ENG.AB.MATIN MAQOOL	DATE	02.08.2014	SHEET No	10/10		

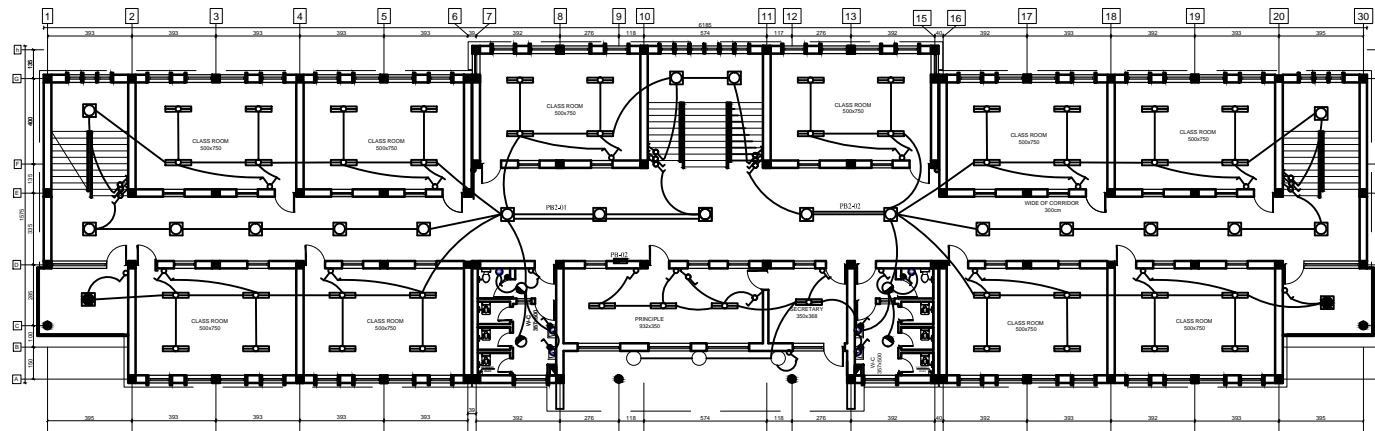
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



	MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION		STANDARD SCHOOL DESIGN IN AFGHANISTAN	ELECTRICAL DESIGN	ENG.FEROZ SADDI	APPROVED-Doc/Moe	ENG.AB.MOMEN RAAD	DRAWING TYPE	Electrical	PROJECT NAME	30 CLASS ROOM SCHOOL CHANGE OVER DETAIL.
				CHECKED	ENG.RAHIM	SCALE	AS SHOWN (A3)	CODE NO	S.0263	DRAWING TITLE	
				TECH-APPROVED BY	ENG.AB.MATIN MAQOOL	DATE	02.08.2014	SHEET No	10/10		

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



 MINISTRY OF EDUCATION DEPARTMENT OF CONSTRUCTION	STANDARD SCHOOL DESIGN IN AFGHANISTAN	ELECTRICAL DESIGN	ENG.FEROZ SADID	APPROVED: Doc/Moe	ENG.AB.MOMEN RAAD	DRAWING TYPE		Electrical	PROJECT NAME
		CHECKED	ENG.MRAHIM	SCALE	AS SHOWN (A3)	CODE NO	 1 10		DRAWING TITLE
		TECH- APPROVED BY	ENG.AB.MATIN MAQOL	DATE	02.08.2014	S.0283			
									30 CLASS ROOM SCHOOL LEGENDS