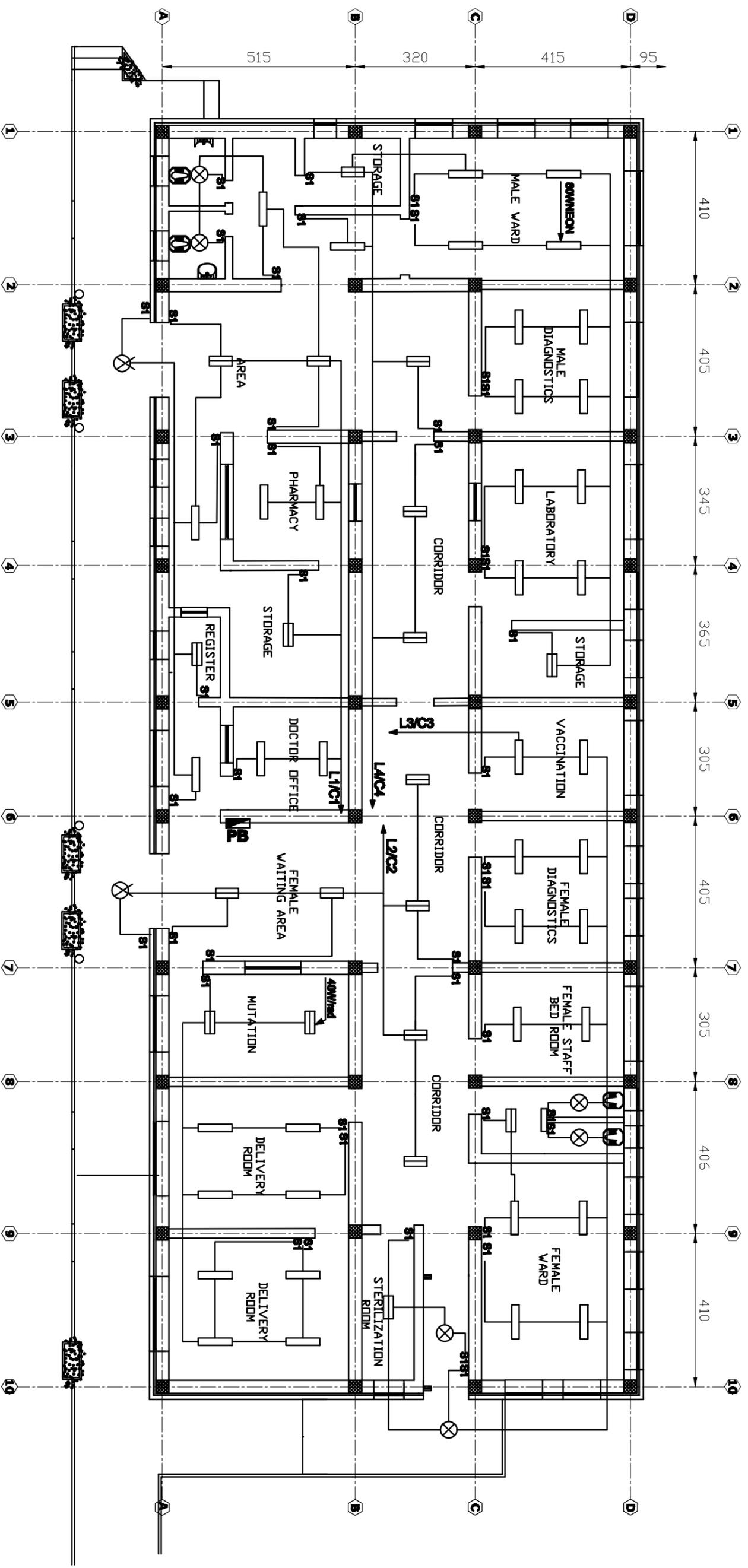
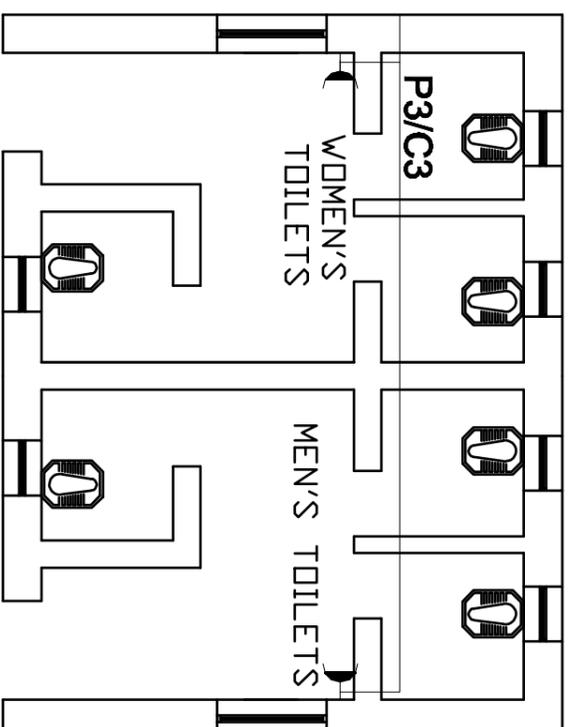
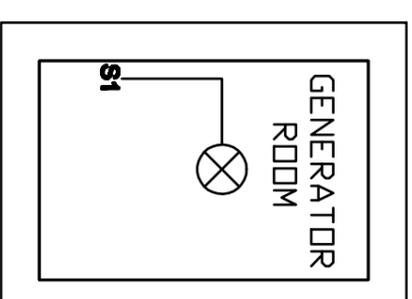
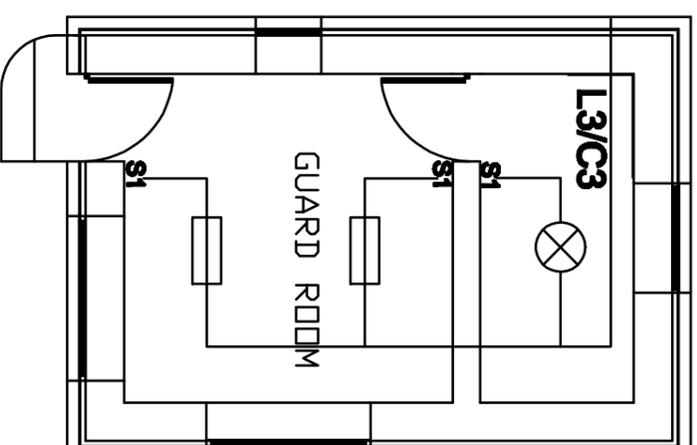
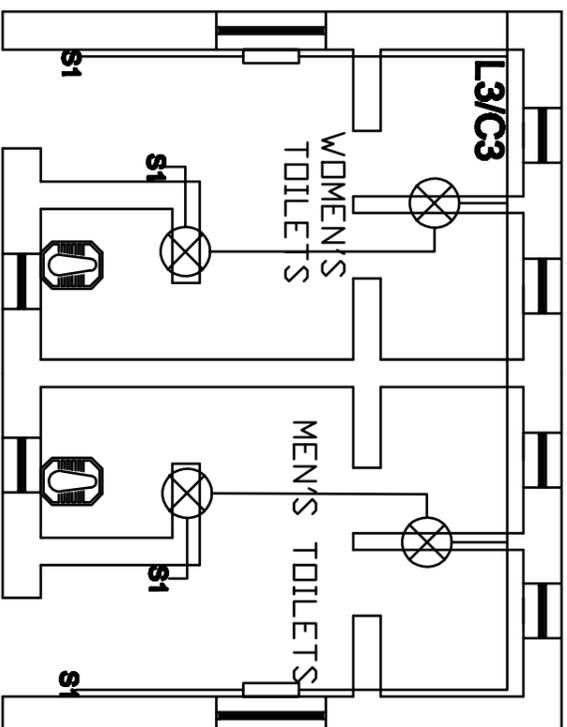


ELECTRICAL PART

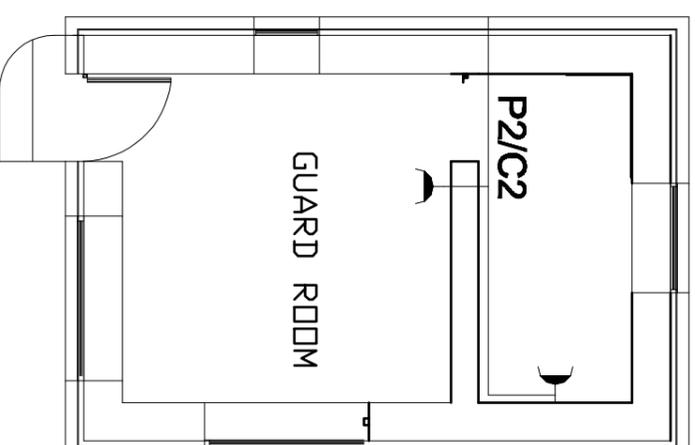


1 G.F. LIGHTING PLAN
SCALE= NTS

CAD FILE	COMPREHENSIVE HEALTH CLINIC (CHC)										
SCALE	1:100										
DRAWING NUMBER	CHCEL001										
PROJECT NUMBER	G.F. LIGHTING PLAN										
NO.		REVISION		NAME		INTL.		DATE		DATE	
PRODUCED BY				CHECKED BY				APPROVALS			
BACEAG				Eng. Mansour							
DESIGNED BY				PROJECT MANAGER				PROJECT DIRECTOR			
Eng. Mansour											
INTL.		SIG.		DATE		DATE		DATE		DATE	
				May-2008		May-2008		May-2008		May-2008	
COMPREHENSIVE HEALTH CLINIC (CHC)						COMPREHENSIVE HEALTH CLINIC (CHC)					
KABUL - AFGHANISTAN						KABUL - AFGHANISTAN					
ARCHITECT/ENGINEER						CLIENT					
BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP						MINISTRY OF PUBLIC HEALTH AFGHANISTAN					
Email: baceag@baceag.com Mobile: 0700 230 080, 0700 244 478						RECIPIENT					



GAURD ROOM & TOILETS WIRING PLAN
SCALE= NTS



CAD FILE		COMPREHENSIVE HEALTH CLINIC (CHC)								
SCALE	1:100									
DRAWING NUMBER	CHC.EL.005	GUARD ROOM & TOILET WIRING PLAN								
PROJECT NUMBER										
		REVISIONS								
	NO.	REVISION	NAME	INTL.	DATE	PRODUCED BY	INTL.	SIG.	DATE	
						BacEAG			May-2008	
						DESIGNED BY Eng.Mosomno			May-2008	
						CHECKED BY Eng.Amwar			May-2008	
						PROJECT MANAGER PROJECT DIRECTION	APPROVALS			

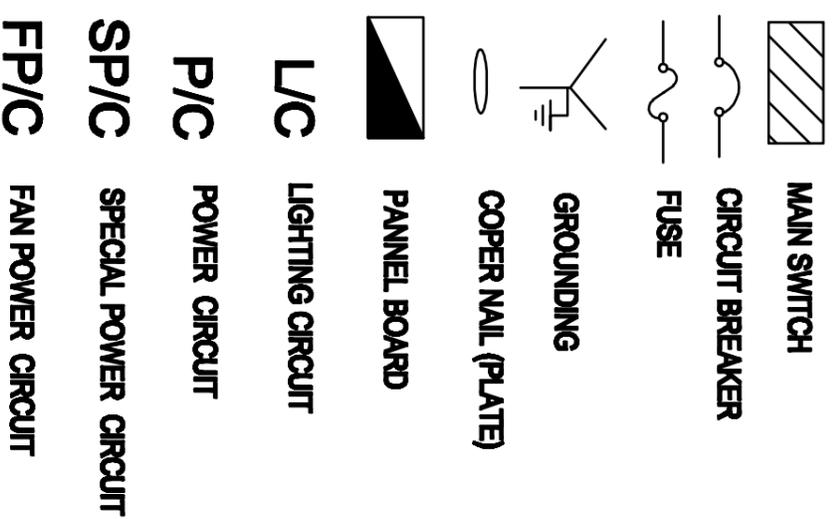
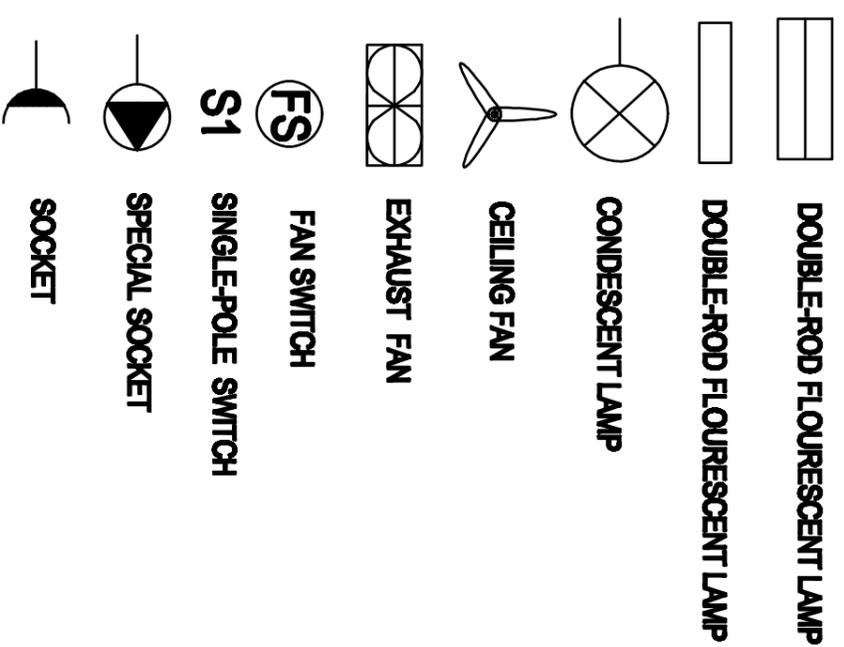
COMPREHENSIVE HEALTH CLINIC (CHC)
KABUL - AFGHANISTAN

ARCHITECT/ENGINEER
BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP
Email: baceag@baceag.com
Mobile: 9799 335 666, 9799 304 478

CLIENT
MINISTRY OF PUBLIC HEALTH AFGHANISTAN

RECIPIENT

ELECTRICAL LAGEND:



TOTAL LOAD AND PHASE BALACE:

TOTAL LOAD IN PB = 50.4KV/A

PHASE BALANCE IN (PB):

A= 14.3KV/A
 B= 14.7KV/A
 C= 14.8KV/A

SPARE LOAD IN (PB): = 6.6KV/A

SPARE PHASE BALANCE

A= 2.2KV/A
 B= 2.2KV/A
 C= 2.2KV/A

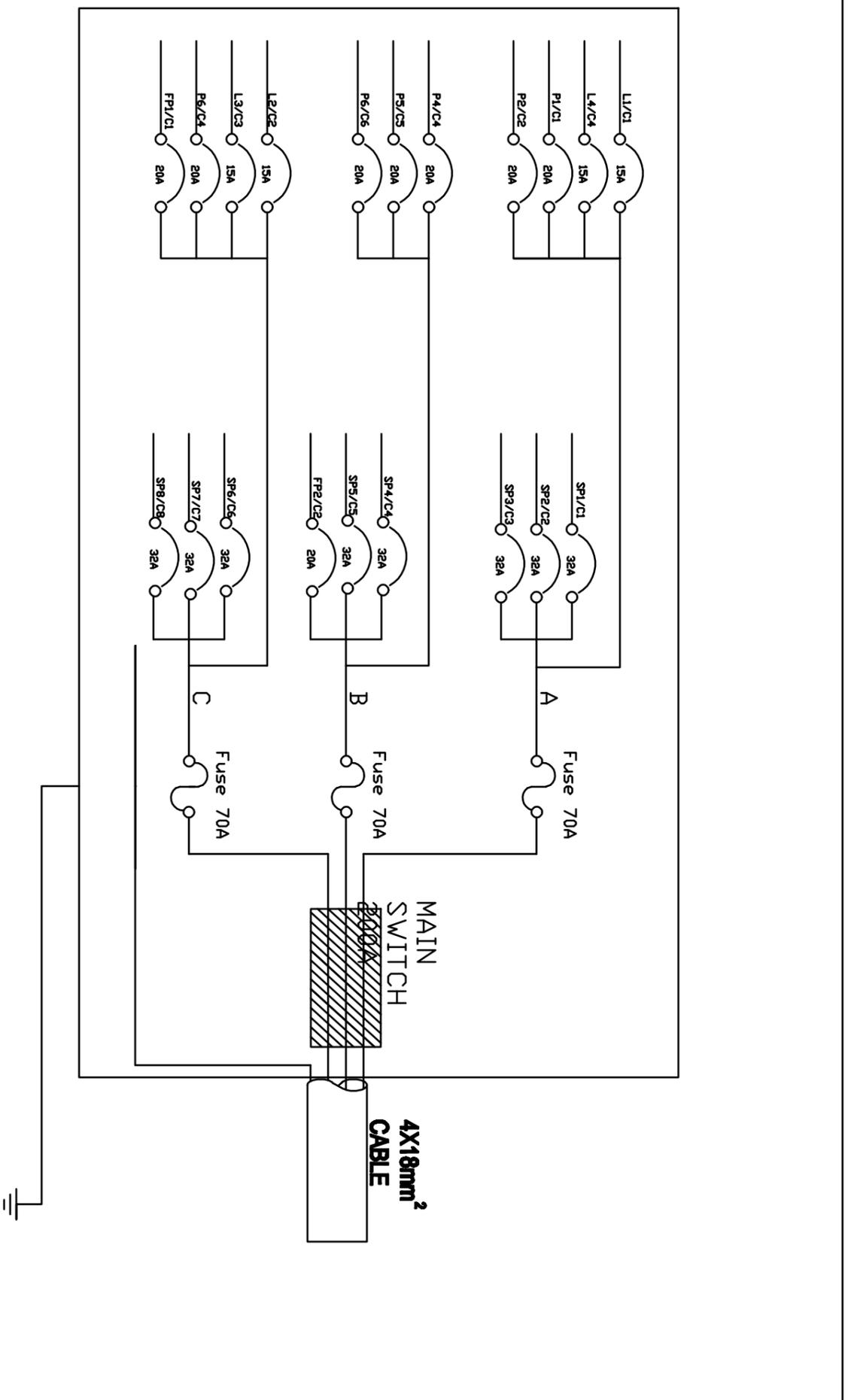
1 ELECTRICAL LEGEND
 SCALE=NTS

CAD FILE		REVISIONS		INTL		SIG.		DATE	
SCALE	1:100	NO.	REVISION	NAME	INTL.	DATE	PRODUCED BY	INTL	DATE
DRAWING NUMBER	CHC.EL.006						DESIGNED BY Eng.Masoom		May-2008
PROJECT NUMBER							CHECKED BY Eng.Amwar	APPROVALS	May-2008
							PROJECT MANAGER		
							PROJECT DIRECTOR		

COMPREHENSIVE HEALTH CLINIC (CHC)		COMPREHENSIVE HEALTH CLINIC (CHC)	
ELECTRICAL LEGEND		KABUL - AFGHANISTAN	

ARCHITECT/ENGINEER	CLIENT	RECIPIENT
BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP Email: baceag@yahoo.com Mobile: 0799 334 888 , 0799 394 478	MINISTRY OF PUBLIC HEALTH AFGHANISTAN	

1 **LOAD DISTERBUTION PLAN**
SCALE= NTS



CAD FILE	
SCALE	1:100
DRAWING NUMBER	CHC.EL.007
PROJECT NUMBER	

COMPREHENSIVE HEALTH CLINIC
(CHC)
LOAD DISTRIBUTION
PLAN

REVISIONS				INTL.	SIG.	DATE
NO.	REVISION	NAME	INTL.	DATE	PRODUCED BY	DATE
					BacDag	May-2008
					Eng.Masoom	May-2008
					Eng.Amor	May-2008
					APPROVALS	
					PROJECT MANAGER	
					PROJECT DIRECTOR	

COMPREHENSIVE HEALTH CLINIC
(CHC)
KABUL - AFGHANISTAN

ARCHITECT/ENGINEER
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CLIENT
MINISTRY OF PUBLIC HEALTH
AFGHANISTAN

RECIPIENT

PANEL BOARD NAME PB
 PANEL BOARD TYPE MAIN SWITCH
 PANEL BOARD LOCATION –CORRIDOOR

C.B. NO.	TRIP AMP.	CONDUITE SIZE	WIRE SIZE	LOCATION	LOAD SERVED	LOAD V.A			LOAD SERVED	LOCATION	WIRE SIZE	CONDUITE SIZE	TRIP AMP.	C.B. NO.
						V.A	PHASE	V.A						
L1/C1	7.73	Ø20mm	2(1C_1.5mm ²)	Director office & Male waiting area	LAMPS	1700	A	2000	SOCKET	Toilet (Bioler)	3(1C_6mm ²)	Ø20mm	9.1	SP1/C1
L4/C4	7.6	Ø20mm	2(1C_1.5mm ²)	Male ward & Laboratory	LAMPS	1600	A	2000	SOCKET	Pharmacy	3(1C_4mm ²)	Ø20mm	9.1	SP2/C2
P1/C1	11.5	Ø20mm	3(1C_2.5mm ²)	Male waiting area & Toilets	SOCKET	2500	A	2000	SOCKET	Storage	3(1C_4mm ²)	Ø20mm	9.1	SP3/C3
P2/C2	11.5	Ø20mm	3(1C_2.5mm ²)	Director office & Storage	SOCKET	2500	A	2200	–	–	SPARE		10	SPARE
P3/C3	13.6	Ø20mm	3(1C_2.5mm ²)	Mutation & Delivery room	SOCKET	3000	B	2000	SOCKET	Mutation(boiler)	3(1C_6mm ²)	Ø20mm	9.1	SP4/C4
P4/C4	13.6	Ø20mm	3(1C_2.5mm ²)	Female ward & Toilets	SOCKET	2500	B	2000	SOCKET	Sterilization room	3(1C_4mm ²)	Ø20mm	9.1	SP5/C5
P5/C5	5.73	Ø20mm	3(1C_2.5mm ²)	Female staff room & Storage	SOCKET	3000	B	2200	FANS	Female ward & Corridor	3(1C_2.5mm ²)	Ø20mm	10	FP2/C2
–	–	–	–	–	–	–	B	2200	–	–	SPARE		10	SPARE
L2/C2	8	Ø20mm	2(1C_1.5mm ²)	Delivery Room & Corridor	LAMPS	1760	C	2000	SOCKET	Laboratory(boiler)	3(1C_6mm ²)	Ø20mm	9.1	SP7/C7
L3/C3	7.3	Ø20mm	2(1C_1.5mm ²)	Female ward & vaccination	LAMPS	1600	C	2000	SOCKET	Male Dignostics	3(1C_4mm ²)	Ø20mm	9.1	SP8/C8
P6/C6	11.5	Ø20mm	3(1C_2.5mm ²)	Laboratory & Male ward	SOCKET	2530	C	2000	FANS	Male ward & Corridor	3(1C_2.5mm ²)	Ø20mm	9.1	FP1/C1
SP6/C6	9.1	Ø20mm	3(1C_6mm ²)	Toilet (Bioler)	SOCKET	2000	C	2200	–	–	SPARE		10	SPARE

TOTAL LOAD IN (PB) = 43.8KVA
 PHASE BALANCE A=14300VA B=14700VA C=14800VA
 SPARE LOAD IN (PB) = 6.6KVA
 PHASE BALANCE A=2200VA B=2200VA C=2200VA

1 MDB CHART
 SCALE=NTS

CAD FILE		REVISIONS				NO.	REVISION	NAME	INTL.	DATE	PRODUCED BY	INTL.	SIG.	DATE	COMPREHENSIVE HEALTH CLINIC (CHC)		ARCHITECT/ENGINEER	CLIENT	RECIPIENT
SCALE	NTS										Eng.Masoomi			May-2008	COMPREHENSIVE HEALTH CLINIC (CHC)		BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP	MINISTRY OF PUBLIC HEALTH	AFGHANISTAN
DRAWING NUMBER	CHCEL.008										Eng.Awaz			May-2008	KABUL - AFGHANISTAN				
PROJECT NUMBER											PROJECT MANAGER								

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 & ARCHITECTURAL
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