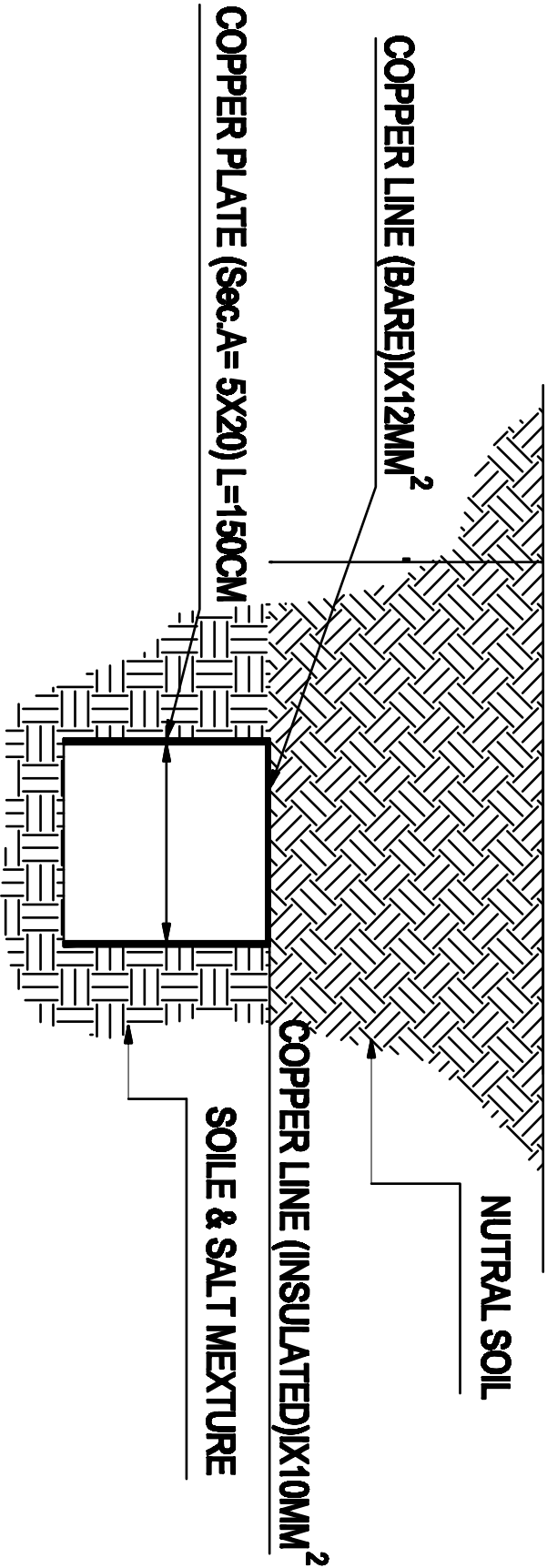
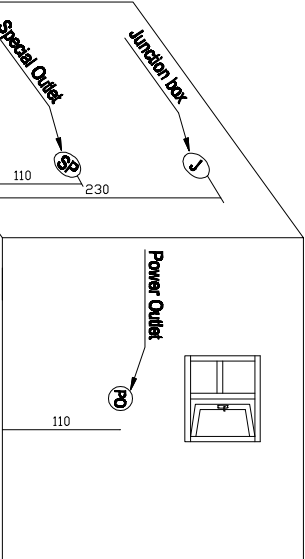
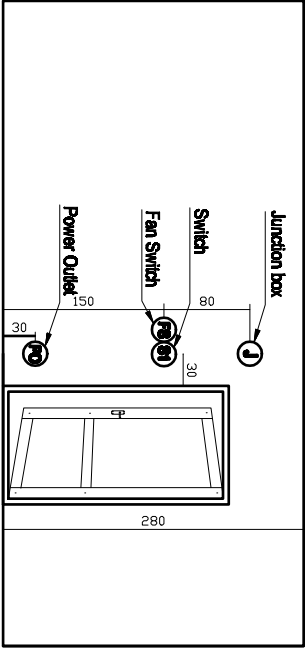


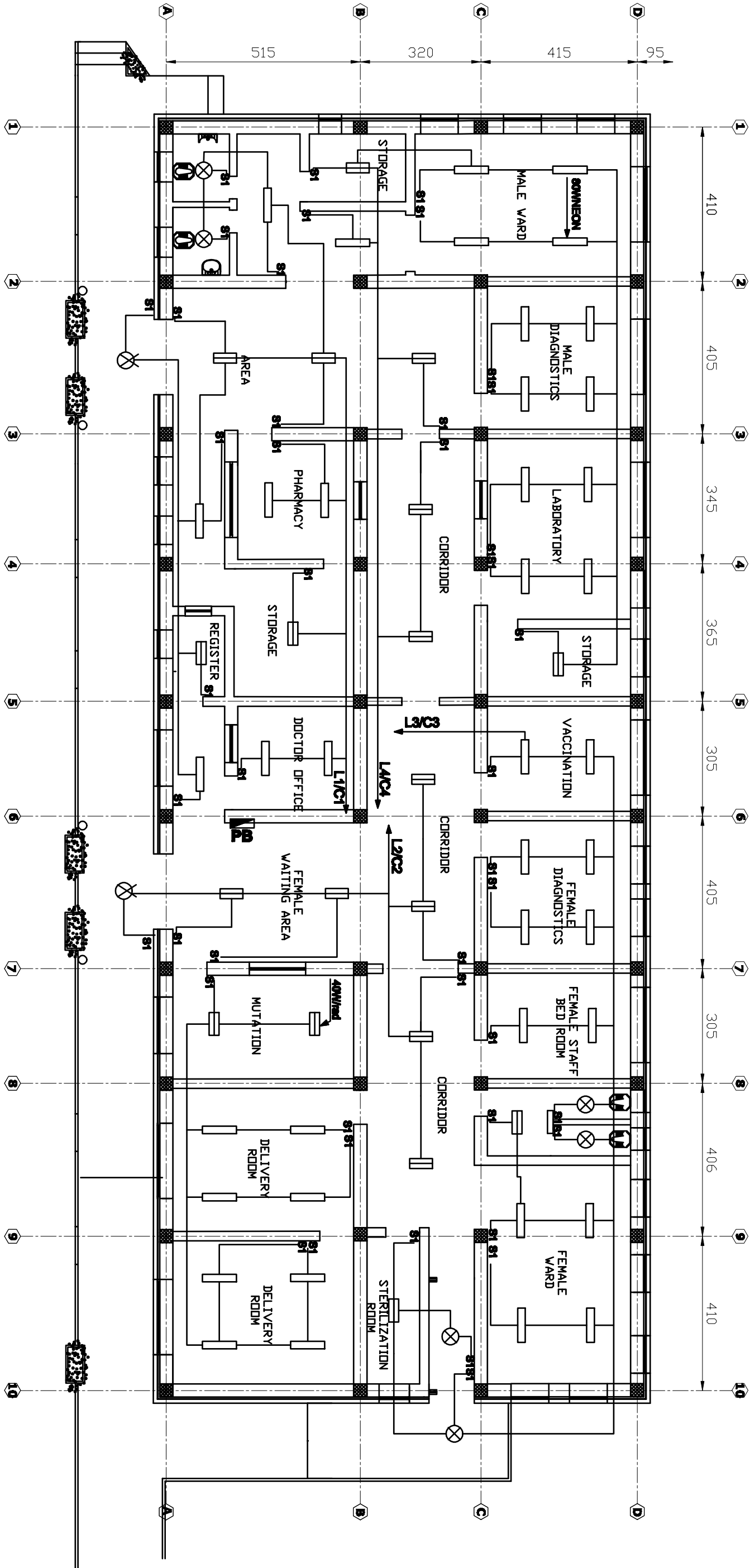
ELECTRICAL PART

GROUNDING AND OUTLET INSTALLATION DETAIL:




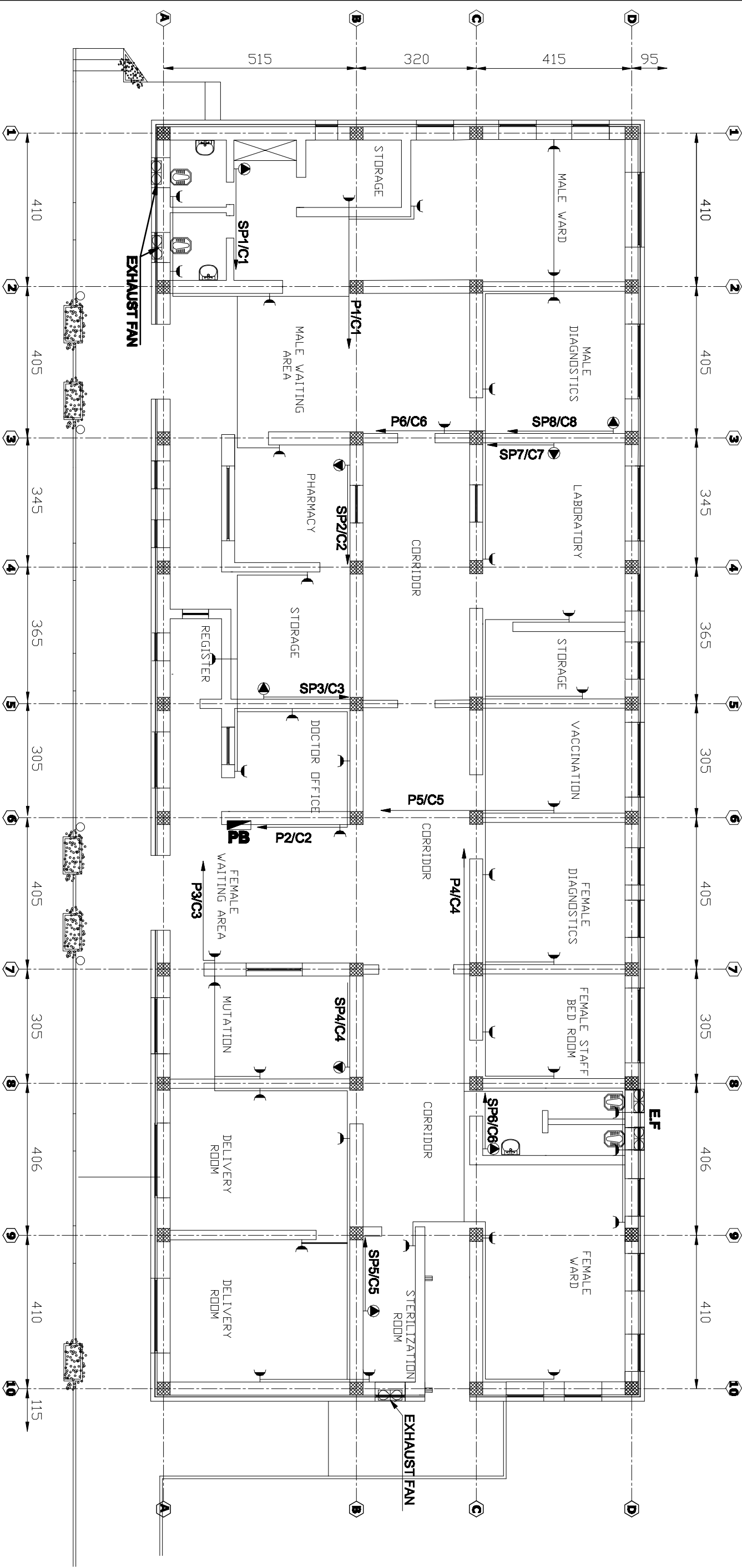
1 GROUNDING DETAIL,
SCALE=NTS

CAD FILE		COMPREHENSIVE HEALTH CLINIC (CHC) GROUNDING DETAIL									
SCALE	1:100	NO.	REVISION	NAME	INITL.	DATE	PRODUCED BY	INTL	SIG.	DATE	
DRAWING NUMBER	CHC.EL.009						DESIGNED BY	Eng.Masoom		May-2008	
PROJECT NUMBER							CHECKED BY	Eng.Amwar		May-2008	
							PROJECT MANAGER	APPROVALS			
							PROJECT DIRECTOR				
COMPREHENSIVE HEALTH CLINIC (CHC) KABUL - AFGHANISTAN							ARCHITECT/ENGINEER BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP Email: baceag@yahoo.com Mobile: 9799 335 898 , 9799 304 478				
MINISTRY OF PUBLIC HEALTH AFGHANISTAN							CLIENT				
							RECIPIENT				



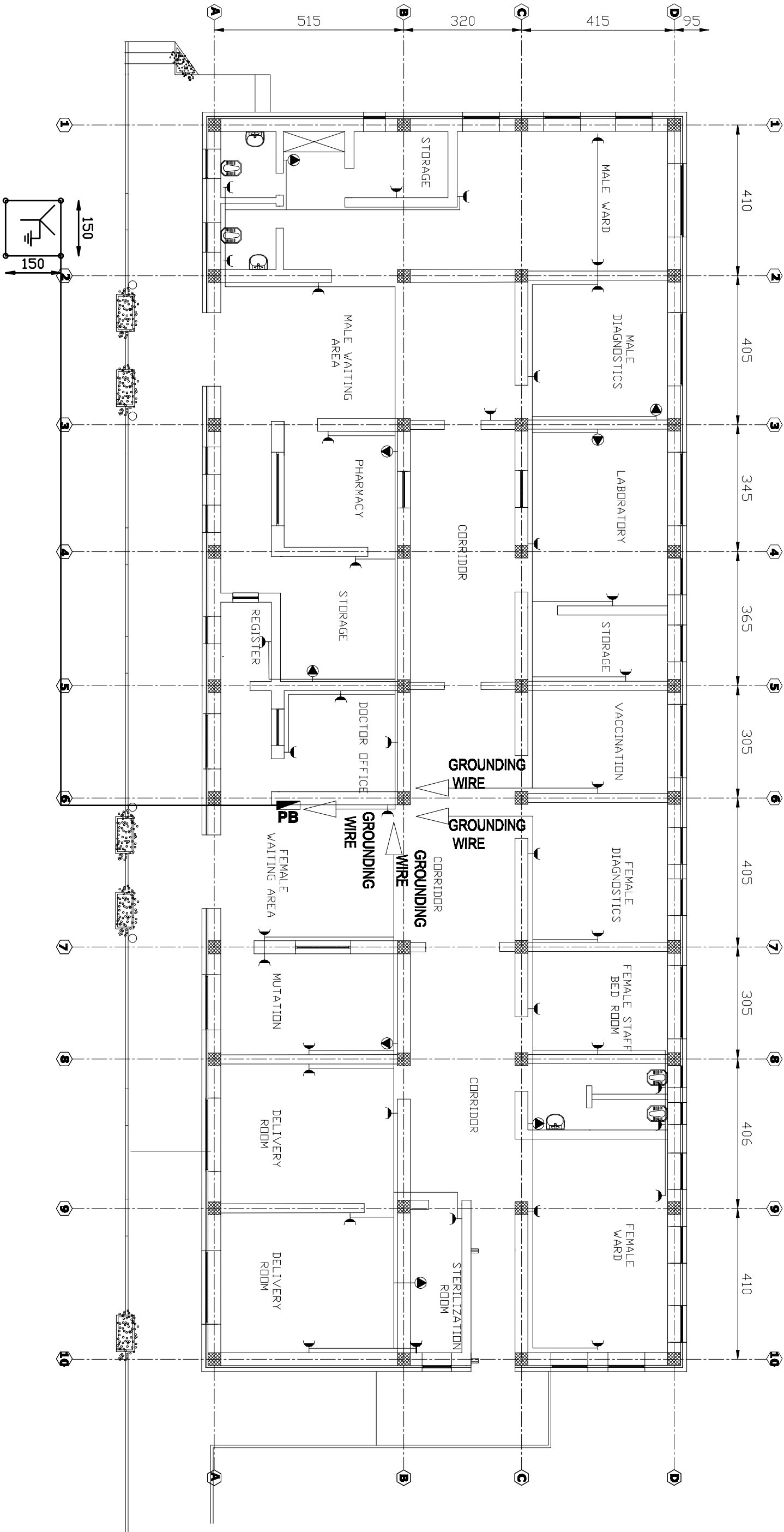
1 G.F. LIGHTING PLAN
SCALE= NTS

CAD FILE		COMPREHENSIVE HEALTH CLINIC (CHC)										ARCHITECT/ENGINEER BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP  Email: baceag@baceag.com Mobile: 0700 230 080 , 0700 204 478	CLIENT MINISTRY OF PUBLIC HEALTH AFGHANISTAN	RECIPIENT
SCALE	1:100													
DRAWING NUMBER	CHCEL001	G.F. LIGHTING PLAN												
PROJECT NUMBER														
		REVISIONS		NAME	INTL.	DATE	PRODUCED BY	INTL.	SIG.	DATE				
							DESIGNED BY Eng. Mesoud			May-2008				
							CHECKED BY Eng. Arman			May-2008				
				APPROVALS										
				PROJECT MANAGER										
				PROJECT DIRECTOR										




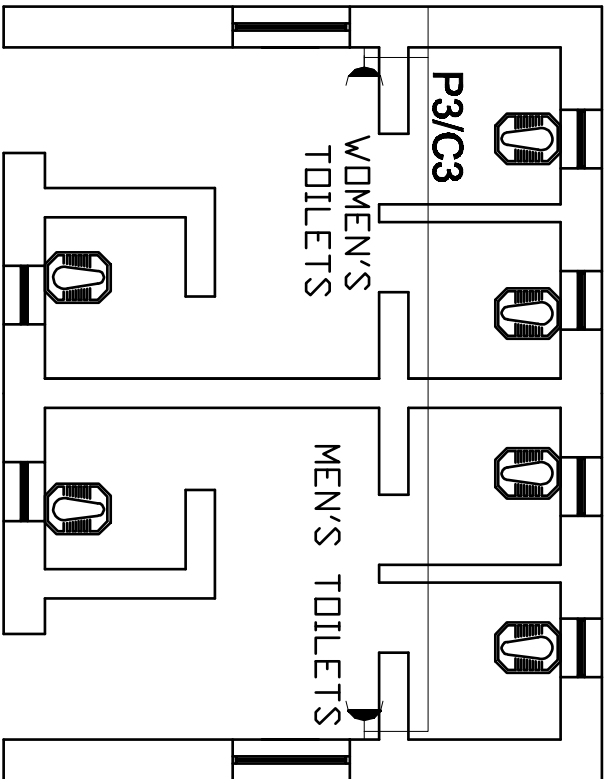
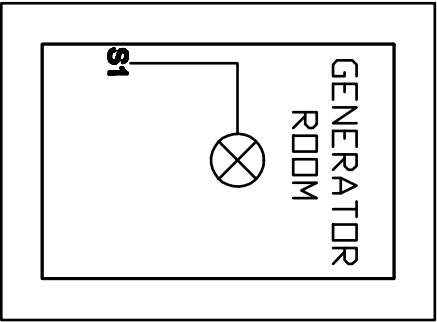
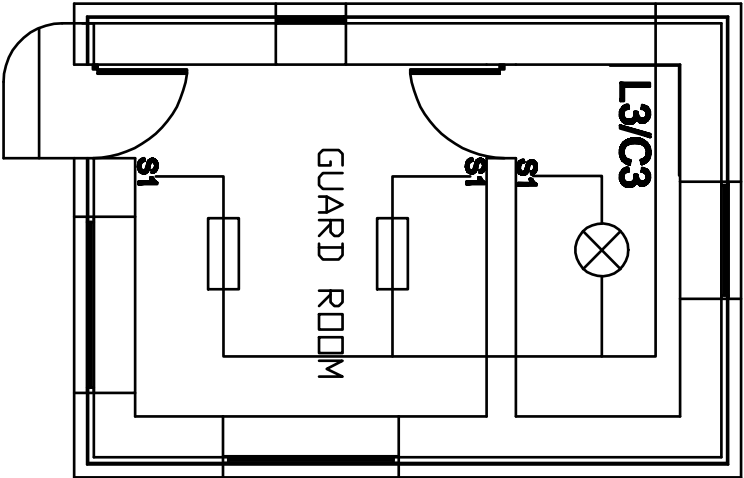
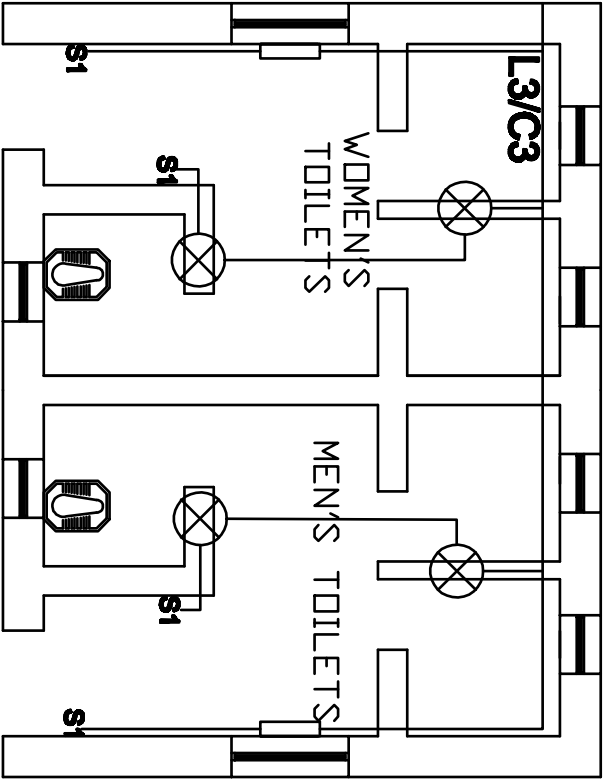
1 **G.F. POWER PLAN**
SCALE= NTS

CAD FILE											ARCHITECT/ENGINEER		CLIENT	RECIPIENT
SCALE	COMPREHENSIVE HEALTH CLINIC (CHC)										BACEAG			
DRAWING NUMBER	CHC.EL.003										CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP			
PROJECT NUMBER	G. F. POWER PLAN										APPROVALS			
REVISIONS														
NO.		REVISION		NAME		INTL.		DATE						
						BACEAG		May-2008						
						DESIGNED BY Eng.Mosomno		May-2008						
						CHECKED BY Eng.Amwer		May-2008						
						PROJECT MANAGER								
						PROJECT DIRECTOR								
												ARCHITECT/ENGINEER		
												BACEAG		
												CONSULTATIVE		
												ENGINEERING		
												& ARCHITECTURAL		
												GROUP		
												KABUL - AFGHANISTAN		
												Ministry of Public Health		
												AFGHANISTAN		




1 GROUNDING PLAN
SCALE=NTS


CAD FILE		COMPREHENSIVE HEALTH CLINIC (CHC)										ARCHITECT/ENGINEER		CLIENT	RECIPIENT	
SCALE	1:100	NO.	REVISION	NAME	INTL.	DATE	PRODUCED BY BACEAG	S/G.	DATE	DESIGNED BY Eng. Masoom	CHECKED BY Eng. Anwar	MAY-2008	BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP			
DRAWING NUMBER	CHC.EI.004															
PROJECT NUMBER																




GAURD ROOM & TOILETS WIRING PLAN
SCALE= NTS

CAD FILE		COMPREHENSIVE HEALTH CLINIC										CLIENT		RECIPIENT		
SCALE	1:100	(CHC)										MINISTRY OF PUBLIC HEALTH				
DRAWING NUMBER	CHC.EL.005	GUARD ROOM & TOILET WIRING PLAN										AFGHANISTAN				
PROJECT NUMBER																
		REVISIONS						INTL.		S/G.		DATE				
		NO.	REVISION	NAME	INTL.	DATE	PRODUCED BY	BACEAG				May-2008				
							DESIGNED BY	Eng.Mosomno				May-2008				
							CHECKED BY	Eng.Amwar				May-2008				
							APPROVALS									
		PROJECT MANAGER					PROJECT DIRECTOR									
		PROJECT DIRECTOR														
		COMPREHENSIVE HEALTH CLINIC										ARCHITECT/ENGINEER				
		(CHC)										BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP				
		KABUL - AFGHANISTAN										Email: baceag@yahoo.com Mobile: 9799 335 666 , 9799 304 478				
																

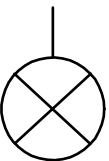
ELECTRICAL LAGEND:



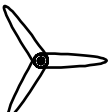
DOUBLE-ROD FLOURESCENT LAMP




DOUBLE-ROD FLOURESCENT LAMP




CONDESCENT LAMP




CEILING FAN




EXHAUST FAN




FAN SWITCH




SINGLE-POLE SWITCH



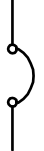
SPECIAL SOCKET




SOCKET



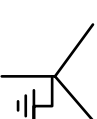
MAIN SWITCH




CIRCUIT BREAKER




FUSE




GROUNDING




COPER NAIL (PLATE)




PANNEL BOARD




LIGHTING CIRCUIT



POWER CIRCUIT



SPECIAL POWER CIRCUIT



FAN POWER CIRCUIT

TOTAL LOAD AND PHASE BALACE:

TOTAL LOAD IN PB = 50.4KVA

PHASE BALANCE IN (PB):

A= 14.3KVA

B= 14.7KVA

C= 14.8KVA

SPARE LOAD IN (PB): = 6.6KVA

SPARE PHASE BALANCE

A= 2.2KVA

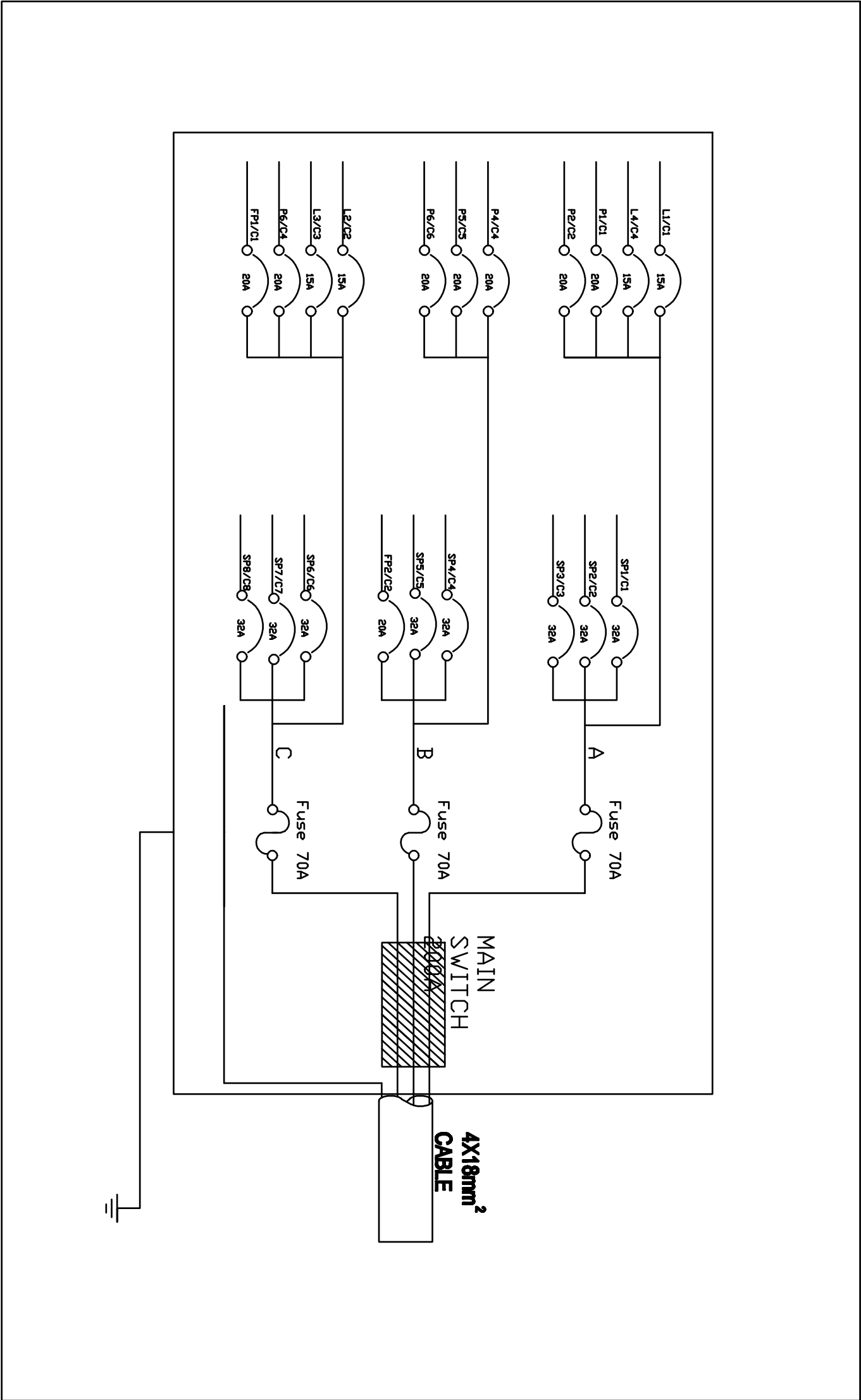
B= 2.2KVA

C= 2.2KVA

1 ELECTRICAL LEGEND

SCALE=NTS

CAD FILE		COMPREHENSIVE HEALTH CLINIC (CHC)					ELECTRICAL LEGEND				
SCALE	1:100	NO.	REVISION	NAME	INTL.	DATE	PRODUCED BY	INTL	S/G.	DATE	
DRAWING NUMBER	CHC.EL.006						DESIGNED BY			May-2008	
							CHECKED BY	Eng.Amwar		May-2008	
PROJECT NUMBER							APPROVALS				
							PROJECT MANAGER				
							PROJECT DIRECTOR				
COMPREHENSIVE HEALTH CLINIC (CHC)							KABUL - AFGHANISTAN				
ARCHITECT/ENGINEER							BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP				
CLIENT							MINISTRY OF PUBLIC HEALTH AFGHANISTAN				
RECIPIENT											



1 **LOAD DISTERBUTION PLAN**
SCALE= NTS


CAD FILE		COMPREHENSIVE HEALTH CLINIC (CHC)									
SCALE	1:100	LOAD DISTRIBUTION PLAN									
DRAWING NUMBER	CHC.EL.007										
PROJECT NUMBER											
		REVISIONS		INTL.		SIG.		DATE			
		NO.	REVISION	NAME	INTL.	DATE	PRODUCED BY	INTL.	SIG.	DATE	
							BooDag			May-2008	
							Eng.Masoom			May-2008	
							CHECKED BY	Eng.Amior		May-2008	
							APPROVALS				
							PROJECT MANAGER				
							PROJECT DIRECTOR				
							COMPREHENSIVE HEALTH CLINIC (CHC)		ARCHITECT/ENGINEER		
							KABUL - AFGHANISTAN		BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP		
									Email: baceag@baceag.com Mobile: 0700 336 000 - 0700 304 470		
							CLIENT		MINISTRY OF PUBLIC HEALTH AFGHANISTAN		
									RECIPIENT		

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

C.B. NO.	TRIP AMP.	CONDUTE SIZE	WIRE SIZE	LOCATION	LOAD SERVED	LOAD V.A			LOAD SERVED	LOCATION	WIRE SIZE	CONDUTE 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 (Bioier)	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 aread & 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 & Delivary 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 & Toilt	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 & Corridoor	3(1C_2.5mm ²)	ø20mm	10	FP2/C2
–	–		–	–	–		B	2200	–	–	SPARE		10	SPARE
L2/C2	8	ø20mm	2(1C_1.5mm ²)	Delivary 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 & Corridoor	3(1C_2.5mm ²)	ø20mm	9.1	FP1/C1
SP6/C6	9.1	ø20mm	3(1C_6mm ²)	Toilet (Bioier)	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		<div>COMPREHENSIVE HEALTH CLINIC (CHC) MDB CHART</div>										<div>COMPREHENSIVE HEALTH CLINIC (CHC) KABUL - AFGHANISTAN</div>										<div>ARCHITECT/ENGINEER BACEAG CONSULTATIVE ENGINEERING & ARCHITECTURAL GROUP  Email: baceag@yahoo.com Mobile: 0789 335 060 , 0789 334 478</div>										<div>CLIENT MINISTRY OF PUBLIC HEALTH AFGHANISTAN</div>										RECIPIENT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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