PANELBOARD POL SURFACE MOUNTED

AMP. MAIN LUGS (OR) 20 AMP. MAIN BREAKER W/ 20 AMP. TRIP

CIRCUIT BREAKER TYPE 380/220 VOLTS 3 PHASE 4 WIRE 50 HZ 100 AMP. BUS

CKT. NO.	TRIP AMPS	NO. POLES	WIRE MM ²	GND MM ²	CONDUIT MM	LOAD SERVED	LOAD-KVA A0	LOAD-KVA B0	LOAD-KVA C0	LOAD-KVA A0	LOAD-KVA B0	LOAD-KVA C0	LOAD SERVED	CONDUIT MM	GND MM²	WIRE MM²	NO. POLES	TRIP AMPS	CKT. NO.
1	20	1	4.0	4.0	20	LIGHTING – RM 101, 102	0.5			0.8			RECEPTACLES – 101,102, EXTERIOR	20	4.0	4.0	1	20	2
3	20	1	4.0	4.0	20	EXHAUST FAN #1,#2, RM 101,102		1.0			0.5		FACP – EXTERIOR	20	4.0	4.0	1	20	4
5	20	1				SPARE							SPARE				1	20	6
7	20	1				SPARE							SPARE				1	20	8
9	20	1				SPARE							SPARE				1	20	10
11	20	1				SPARE							SPARE				1	20	12
							0.5	1.0	0.0	0.8	0.5	0.0							

TOTAL CONN. LOAD PER PHASE (KVA): A0 1.3 B0 1.5 C0 0.0

TOTAL CONN. LOAD 2.8 KVA. 70 % DEMAND = ESTIMATED DEMAND LOAD 1.96

* MAIN BREAKER SHALL BE 3P EARTH GROUND TYPE

APPROVED:

A/E DESIGNER OF RECORD

SEAL:

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JOSEPH R. GAUS
ENGINEER
PE-074251
1/29/10

US ARMY CORPS OF ENGINEERS
AFGHANISTAN ENGINEER DISTRICT

Mark	Description	Date	Appr.	Mark	Description	Date	Appr.

Designed by: KJR
Dwn by: BJB
Ckd by: JRG
Reviewed by: JRG
Submitted by: BAKER
Date: 2/23/10
Rev: 0
Design file no.
Drawing code:
File name:
Plot date:
Plot scale:

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POL STORAGE
ELECTRICAL PANEL SCHEDULES

Sheet reference number:
E–602