

**Switchboard: BLUPS**

Location: ELEC ROOM 007A  
 Supply From: 75KVA UPS  
 Mounting: WALL  
 Enclosure: NEMA 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.J.C. Rating: 22,000  
 Mains Type: MCB  
 Mains Rating: 300 A  
 MCB Rating: 300 A

Notes:

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	PANEL BLIT	3	150 A	60 A	10145 VA	
2	PANEL 3LIT	3	150 A	60 A	10145 VA	
3	PANEL 2LIT	3	150 A	60 A	10145 VA	
4	PANEL 3LIT	3	150 A	60 A	10145 VA	
5	PANEL 4LIT	3	150 A	60 A	10145 VA	
6	SPARE	3	--	60 A	0 VA	
7	SPARE	3	--	60 A	0 VA	
8	SPARE	3	--	60 A	0 VA	
<b>Total Conn. Load:</b>					51350 VA	
<b>Total Amps:</b>					143 A	
<b>Total Estimated Demand:</b>					33565 VA	
<b>Total Est. Demand Current:</b>					93 A	

**Branch Panel: 3LIT**

Location: TELEDATA 302  
 Supply From: BLUPS  
 Mounting: Surface  
 Enclosure: Type 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.J.C. Rating: 22,000  
 Mains Type: MCB  
 Mains Rating: 60 A  
 MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT			
1	RECEPTACLE - THIRD FLOOR TELEDATA (IDF)	20 A	1	360 VA	720 VA			1	20 A	THIRD FLOOR RACK RECEPTACLES	2		
3													
5	L6-20R RECEPTACLE - THIRD FLR IDF	20 A	2			1100.	1875.		2	30 A	L6-30R RECEPTACLE - THIRD FLR IDF	4	
7	THIRD FLOOR RACK RECEPTACLES	20 A	1	720 VA	720 VA				1	20 A	THIRD FLOOR RACK RECEPTACLES	8	
9	RECEPTACLE - THIRD FLOOR TELEDATA (IDF)	20 A	1			360 VA	360 VA		1	20 A	RECEPTACLE - THIRD FLOOR TELEDATA (IDF)	10	
11	RECEPTACLE - THIRD FLOOR TELEDATA (IDF)	20 A	1					360 VA	0 VA	1	20 A	SPARE	12
13	THIRD FLOOR RACK RECEPTACLES	20 A	1	720 VA	0 VA				1	20 A	SPARE	14	
15	SPARE	20 A	1		0 VA	0 VA			1	20 A	SPARE	16	
17	SPARE	20 A	1				0 VA	0 VA	1	20 A	SPARE	18	
19	SPARE	20 A	1	0 VA	0 VA				1	20 A	SPARE	20	
21	SPARE	20 A	1			0 VA	0 VA		1	20 A	SPARE	22	
23	SPARE	20 A	1				0 VA	0 VA	1	20 A	SPARE	24	
<b>Total Load:</b>				3240 VA		3695 VA			3335 VA				
<b>Total Amps:</b>				27 A		31 A			28 A				
<b>Conn. Load:</b>				10270 VA						Est Demand:	9406 VA	26 A	

**Branch Panel: BLIT**

Location: TELEDATA 006  
 Supply From: BLUPS  
 Mounting: Surface  
 Enclosure: Type 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.J.C. Rating: 22,000  
 Mains Type: MCB  
 Mains Rating: 60 A  
 MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	RECEPTACLE - BASEMENT TELEDATA (MDF)	20 A	1	360 VA	360 VA			1	20 A	RECEPTACLE - BASEMENT TELEDATA (MDF)	2	
3	BASEMENT RACK RECEPTACLES	20 A	1		720 VA	720 VA		1	20 A	BASEMENT RACK RECEPTACLES	4	
5	BASEMENT RACK RECEPTACLES	20 A	1			720 VA	720 VA	1	20 A	BASEMENT RACK RECEPTACLES	6	
7									1	20 A	SPARE	8
9	L6-20R RECEPT - MDF	20 A	2	1100.	0 VA				1	20 A	RECEPTACLE - BASEMENT TELEDATA (MDF)	10
11	L6-30R RECEPT - MDF	30 A	2			1875.	360 VA		1	20 A	RECEPTACLE - BASEMENT TELEDATA (MDF)	12
13				1875.	0 VA				1	20 A	SPARE	14
15	SPARE	0 A	1		0 VA	0 VA			1	20 A	SPARE	16
17	SPARE	0 A	1			0 VA	0 VA		1	20 A	SPARE	18
19	SPARE	0 A	1	0 VA	0 VA				1	20 A	SPARE	20
21	SPARE	0 A	1		0 VA	0 VA			1	20 A	SPARE	22
23	SPARE	0 A	1			0 VA	0 VA		1	20 A	SPARE	24
<b>Total Load:</b>				3695 VA		2900 VA			3675 VA			
<b>Total Amps:</b>				32 A		24 A			32 A			
<b>Conn. Load:</b>				10270 VA						Est Demand:	9406 VA	26 A

**Branch Panel: 4LIT**

Location: TELEDATA 434  
 Supply From: BLUPS  
 Mounting: Surface  
 Enclosure: Type 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.J.C. Rating: 22,000  
 Mains Type: MCB  
 Mains Rating: 60 A  
 MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT			
1	RECEPTACLE - FOURTH FLOOR TELEDATA	20 A	1	360 VA	720 VA			1	20 A	FOURTH FLOOR RACK RECEPTACLES	2		
3													
5	L6-20 RECEPTACLE - FOURTH FLR IDF	20 A	2			1100.	1875.		2	30 A	L6-30R RECEPTACLE - FOURTH FLR IDF	4	
7	FOURTH FLOOR RACK RECEPTACLES	20 A	1	720 VA	720 VA				1	20 A	FOURTH FLOOR RACK RECEPTACLES	6	
9	RECEPTACLE - FOURTH FLOOR TELEDATA	20 A	1			360 VA	360 VA		1	20 A	RECEPTACLE - FOURTH FLOOR TELEDATA	8	
11	RECEPTACLE - FOURTH FLOOR TELEDATA	20 A	1					360 VA	0 VA	1	20 A	SPARE	10
13	FOURTH FLOOR RACK RECEPTACLES	20 A	1	720 VA	0 VA				1	20 A	SPARE	12	
15	SPARE	20 A	1		0 VA	0 VA			1	20 A	SPARE	14	
17	SPARE	20 A	1				0 VA	0 VA	1	20 A	SPARE	16	
19	SPARE	20 A	1	0 VA	0 VA				1	20 A	SPARE	18	
21	SPARE	20 A	1			0 VA	0 VA		1	20 A	SPARE	20	
23	SPARE	20 A	1				0 VA	0 VA	1	20 A	SPARE	22	
<b>Total Load:</b>				3240 VA		3695 VA			3335 VA				
<b>Total Amps:</b>				27 A		31 A			28 A				
<b>Conn. Load:</b>				10270 VA						Est Demand:	9406 VA	26 A	

**Branch Panel: 1LIT**

Location: TELEDATA 118  
 Supply From: BLUPS  
 Mounting: Surface  
 Enclosure: Type 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.J.C. Rating: 22,000  
 Mains Type: MCB  
 Mains Rating: 60 A  
 MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT			
1	RECEPTACLE - FIRST FLOOR TELEDATA (IDF)	20 A	1	360 VA	360 VA			1	20 A	RECEPTACLE - FIRST FLOOR TELEDATA (IDF)	2		
3	FIRST FLOOR RACK RECEPTACLES	20 A	1		720 VA	720 VA		1	20 A	FIRST FLOOR RACK RECEPTACLES	4		
5	SPARE	20 A	1			0 VA	360 VA		1	20 A	RECEPTACLE - FIRST FLOOR TELEDATA (IDF)	6	
7	FIRST FLOOR RACK RECEPTACLES	20 A	1	720 VA	720 VA				1	20 A	FIRST FLOOR RACK RECEPTACLES	8	
9	SPARE	20 A	1			0 VA	1875.		2	30 A	RECEPTACLE L6-30R - FIRST FLOOR IDF	10	
11													12
13	RECEPTACLE L6-20R - FIRST FLOOR IDF	20 A	2	1100.	360 VA			1100.	1875.	1	20 A	RECEPTACLE - FIRST FLOOR TELEDATA (IDF)	14
15	SPARE	20 A	1		0 VA	0 VA			1	20 A	SPARE	16	
17	SPARE	20 A	1			0 VA	0 VA		1	20 A	SPARE	18	
19	SPARE	20 A	1	0 VA	0 VA				1	20 A	SPARE	20	
21	SPARE	20 A	1		0 VA	0 VA			1	20 A	SPARE	22	
23	SPARE	20 A	1			0 VA	0 VA		1	20 A	SPARE	24	
<b>Total Load:</b>				3620 VA		3315 VA			3335 VA				
<b>Total Amps:</b>				30 A		28 A			28 A				
<b>Conn. Load:</b>				10270 VA						Est Demand:	9406 VA	26 A	

**Branch Panel: 2LIT**

Location: TELEDATA 214  
 Supply From: BLUPS  
 Mounting: Surface  
 Enclosure: Type 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.J.C. Rating: 22,000  
 Mains Type: MCB  
 Mains Rating: 60 A  
 MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT			
1	RECEPTACLE - SECOND FLOOR TELEDATA	20 A	1	360 VA	720 VA			1	20 A	SECOND FLOOR RACK RECEPTACLES	2		
3													
5	L6-20R RECEPTACLE - SECOND FLR IDF	20 A	2			1100.	1875.		2	30 A	L6-30R RECEPTACLE - SECOND FLR IDF	4	
7	SECOND FLOOR RACK RECEPTACLES	20 A	1	720 VA	720 VA				1	20 A	SECOND FLOOR RACK RECEPTACLES	6	
9	RECEPTACLE - SECOND FLOOR TELEDATA	20 A	1			360 VA	360 VA		1	20 A	RECEPTACLE - SECOND FLOOR TELEDATA	8	
11	RECEPTACLE - SECOND FLOOR TELEDATA	20 A	1					360 VA	0 VA	1	20 A	SPARE	10
13	SECOND FLOOR RACK RECEPTACLES	20 A	1	720 VA	0 VA				1	20 A	SPARE	12	
15	SPARE	20 A	1		0 VA	0 VA			1	20 A	SPARE	14	
17	SPARE	20 A	1			0 VA	0 VA		1	20 A	SPARE	16	
19	SPARE	20 A	1	0 VA	0 VA				1	20 A	SPARE	18	
21	SPARE	20 A	1		0 VA	0 VA			1	20 A	SPARE	20	
23	SPARE	20 A	1			0 VA	0 VA		1	20 A	SPARE	22	
<b>Total Load:</b>				3240 VA		3695 VA			3335 VA				
<b>Total Amps:</b>				27 A		31 A			28 A				
<b>Conn. Load:</b>				10270 VA						Est Demand:	9406 VA	26 A	

**CLARKSBURG STATE OFFICE BUILDING**  
 FOR  
**GENERAL SERVICES DIVISION**  
 153 WEST MAIN STREET

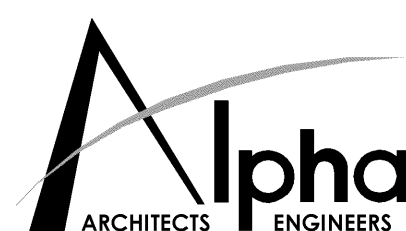
**H.F. LENZ COMPANY**  
 1407 Scalp Avenue  
 Johnstown, PA 15904-3329  
 Phone: 814-269-9301  
 FAX: 814-269-9300  
 www.hflenzen.com

JOEL C. SHUMAKER  
 1419  
 PROFESSIONAL ENGINEER

REVISIONS		
No.	ITEM	DATE

PROJ. NO.: 0810123.05  
 DATE: NOVEMBER 19, 2013  
 SHEET NO.:

ISSUED FOR BIDDING



ALPHA ASSOCIATES, INC.  
 209 PRAIRIE AVENUE  
 MORGANTOWN, WV 26501  
 PHONE/FAX: 304-276-8216  
 TOLL FREE: 800-440-8216  
 www.thinAlpha.com

**ELECTRICAL SCHEDULES E609**

C:\Revit\_User\_Local\MEP-2008-05\Box03-2013\_1essty.rvt