



**PANEL A-A**

LOCATION: MB-44  
FEEDER SIZE: 5 #3 W/#4 GND IN 1 1/2" CONDUIT

BRKR		DESCRIPTION	CIRCUIT		PHASE LOAD			CIRCUIT		DESCRIPTION	BRKR	
A	P		WATTS	NO.	A	B	C	NO.	WATTS		A	P
20	1	CONV. OUTLETS	480	1	1680			2	1200	AH-1	20	2
20	1	CONV. OUTLETS	240	3		1440		4	1200			
20	1	CONV. OUTLETS	480	5			1080	6	9600			
20	1	CONV. OUTLETS	240	7	9840			8	9600	UPS	100	3
20	1	MB 44 LTS	300	9			9900	10	9600			
		SPACE		11				12		SPACE		
		SPACE		13				14		SPACE		
		SPACE		15				16		SPACE		
		SPACE		17				18		SPACE		
		SPACE		19				20		SPACE		
		SPACE		21				22		SPACE		
		SPACE		23				24		SPACE		
			<b>TOTALS</b>		<b>11520</b>	<b>1440</b>	<b>10980</b>			<b>TOTAL LOADS:</b>	<b>WATTS 23940</b>	
											<b>AMPS 66.5</b>	

- NOTES:**
1. PNL AA TO HAVE 200% NEUTRAL
  2. PNL TO HAVE SHUNT TRIP MAIN BREAKER
  3. PROVIDE FEEDER TO EXISTING PNL K IN MAIN BASEMENT ELECTRICAL RM.

**ELECTRICAL NOTES**

1. THIS ELECTRICAL PLAN IS INTENDED TO SHOW ROUGH-IN LOCATIONS, CONNECTION TYPES, POSITIONS, FIXTURE TYPES, CIRCUITING, CONDUIT AND WIRE SIZES.
2. THE CONTRACTOR, PRIOR TO EQUIPMENT INSTALLATION, SHALL CHECK ALL UTILITY ROUGH-IN LOCATION, COORDINATE FIELD CONDITIONS, AND CALL TO THE ATTENTION OF THE OWNER ANY AND ALL DISCREPANCIES BETWEEN THE ROUGH-IN PLANS, THE EQUIPMENT AS SPECIFIED, AND THE ROUGH-INS AS THEY OCCUR IN THE FIELD.
3. FINAL CONNECTIONS TO ALL EQUIPMENT SHALL BE BY THE ELECTRICAL CONTRACTOR, INCLUDING ALL REQUIRED MATERIALS SUCH AS DISCONNECTS, BOXES, OUTLETS (EXCEPT AS FURNISHED AS PART AS PART OF THE EQUIPMENT). RIGID CONDUIT , FLEXIBLE CONDUIT, WIRING, ETC.
4. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL THE FOLLOWING:
  - A. ALL JUNCTION BOXES, ELECTRICAL OUTLETS, COVER PLATES, SWITCHES, ETC. NOT BUILT INTO FIXTURES OR EQUIPMENT. ALL OUTLET, JUNCTION BOXES, COVER PLATES, ETC.
  - B. SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTS FOR EMERGENCY SYSTEM SHUT-OFF OF EQUIPMENT WITH ROOM AS REQUIRED BY LOCAL/STATE/NATIONAL CODE.
  - C. DISCONNECTS AND MOTOR STARTERS OR OTHER DEVICES AS MAY BE REQUIRED BY LOCAL/STATE/NATIONAL CODES.
5. PROVIDE 200A 3 POVESP CB FOR EXISTING PNL K LOCATED IN MAIN BASEMENT ELECTRICAL ROOM BEHIND ROOM MB60.

**LIGHT FIXTURE SCHEDULE**

TYPE	LAMPS	VOLTAGE	DESCRIPTION	MOUNTING	ACCEPTABLE MANUFACTURE AND CATALOG NUMBER	REMARKS
F1	(2) 32W F32T8 3500K	120	4' OPEN INDUSTRIAL; DIE-FORMED CHANNEL; BAKED WHITE ENAMEL FINISH ELECTRONIC BALLAST, HORIZONTAL LAMP CIRCUIT ON DIMMER, CLEAR TEMPERED GLASS LENS	CHAIN HUNG OR JOIST MOUNTED	METALUX IA-232-120-EB81-AYC-WG LITHONIA LA-232-MVOLT-GEB-WGL-HC LIGHTOLIER KW4A232-120S0-AWG4WCSP-AH5CSP	CHAIN HUNG FIREGUARD

**SYMBOLS**

- NON-FUSED DISCONNECT SWITCH
- MOTOR
- STANDARD DUPLEX RECEPTACLE
- 1 X 4 FLUORESCENT LUMINAIRE
- SINGLE POLE SWITCH
- MUSHROOM PUSH-BUTTON SWITCH
- CONDUIT IN WALL OR ABOVE CEILING
- HOMERUN TO PANEL BOARD

**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ADMINISTRATION      DIVISION OF GENERAL SERVICES  
CHARLESTON, WEST VIRGINIA

LOCATION: WEST VIRGINIA STATE CAPITOL  
BUILDING 1  
FLOOR: MB-44

DATE: 7/25/07  
DRAWN BY: BMG  
CHECKED BY: NA  
APPROVED BY: SCOTT MASON

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