LIGHTING FIXTURE SCHEDULE

MARK	MFG'R	CATALOG NUMBER	LAMPS QTY.	LAMPS W & TYPE	VOLTS	MOUNTING	REMARKS
A	LITHONIA	2SP8 G 3 32 A12 120 GEB	3	32W, T8	120	RECESS	2 X 4 FLUORESCENT TROFFER - IN CLASSROOMS AND CORRIDORS
B	LITHONIA	SB 2 32 120 A12 GEB10RS	2	32W, T8	120	SURFACE	FLUORESCENT WRAP AROUND IN STORAGE ROOMS - SUBJECT TO OWNER'S APPROVAL
C	LITHONIA	L7XP CDL1	1	40W A19	120	RECESS	ABOVE DOOR ON HEADER IN SHOWERS
D	LITHONIA	FMLR14 2 18DTT	2	18W, DTT	120	WALL	MTD UP 76" ON WALL IN MECHANICAL & JANITOR'S CLOSET
G	LITHONIA	2SP8 F 3 32 A12 120 GEB	3	32W, T8	120	RECESS	2 X 4 FLUORESCENT TROFFER - WITH FLANGE KIT IN KITCHEN AND ENTRY CORRIDORS
H	LITHONIA	2SP8 F 2 U31 A12 120 GEB	2	31W, T8 U	120	RECESS	2 X 2 FLUORESCENT TROFFER W / FLANGE KIT - LOCATED PRIOR TO RESTROOM ENTRANCES
K	LITHONIA	TE 400M E17 M 208 LLSCWA LGG	1	400W PULSE START MH	208	PENDANT	PULSE START METAL HALIDE HIGH BAY FIXTURE IN BASKETBALL COURT
L	LITHONIA	TE 400M E17 M 208 LLSCWA LGG 250W QRS	1 1	250W QTZ 400W PULSE START MH	208	PENDANT	PULSE START METAL HALIDE HIGH BAY FIXTURE W / QUARTZ RESTRIKE IN BASKETBALL COURT
M	GOTHAM	LAH 175M 12FW T73	1	755W BT-28 METAL HALIDE	120	RECESS	RECESSED HID FIXTURE IN CANOPY ABOVE OUTDOOR KITCHEN
N							
P							
OA	LITHONIA	AFN BN EXT	1	FURNISHED	120V.	WALL MTD.	BRUSHED NICKLE FINISH - MTD ON EXTERIOR WALL ABOVE DOOR EMERGENCY EGRESS LIGHT FIXTURE
OB	LITHONIA	2- #KAD400M-R2-TB	2	400W, MH	208V	POLE	DOUBLE HEAD PARKING AREA LIGHT ON 30' - 0" POLE - MT POLE ON 36" TALL CONCRETE BASE SEE STRUCTURAL DWGS FOR POLE BASE DETAIL
OC	DEC.WALL MTD. BKT.	DEC.WALL MTD. BKT.	1	200W, MAX.	120V	WALL MTD	DECORATIVE WALL MOUNTED BRACKET FIXTURE - SELECTED BY OWNER - ALLOW $300.00 EACH
OD	LITHONIA	TFM 150M RB LPI C22 TFVG TFMFV TM	1	150W, MH	120V	GRD. MTD	GROUND MOUNTED FLOOD LIGHT - AIM TO ILLUMINATE BUILDING - FURN. W / VANDAL GUARD, FULL VISOR, & TENON MTG.

ELECTRICAL SYMBOLS LEGEND

SYMBOL	DESCRIPTION
$	S.P.S.T. SWITCH -- MTD. UP 48" UNLESS NOTED OTHERWISE
$	THREE-WAY SWITCH
	DUPLEX RECEPTACLE MTD UP 10" - 18" IN HANDICAPPED ROOMS
	DUPLEX RECEPTACLE -- VERIFY MTG HEIGHT
	GFI RECEPTACLE
	GFI RECEPTACLE - VERIFY MTG HEIGHT
	SPECIAL PURPOSE RECEPTACLE
J	JUNCTION BOX
WP	WEATHERPROOF
	EXIT LIGHT -- CONNECT TO NEAREST UNSWITCHED LIGHTING CKT. -- MTD ON CLG OR WALL ABOVE DOOR -- LITHONIA #LQM S W 3 R/G 120/277 EL N LED EXIT LIGHT
	EXIT LIGHT -- CONNECT TO NEAREST UNSWITCHED LIGHTING CKT. -- MTD ON CLG OR WALL ABOVE DOOR -- LITHONIA #LHQM S W 3 R/G 120/277 EL N LED EXIT LIGHT
	EXIT LIGHT -- CONNECT TO NEAREST UNSWITCHED LIGHTING CKT. -- MTD ON CLG OR WALL ABOVE DOOR -- LITHONIA #LHQM S W 3 R/G 120/277 EL N LED EXIT LIGHT
	WALL MOUNTED FIXTURE
	FLUORESCENT FIXTURE
	EMER BATTERY BACK-UP FIXT. - CONNECT TO NEAREST UNSWITCHED LIGHT CKT -- MT ON WALL UP 84" -- LITHONIA #6ELM2 TN N "QUANTUM" SERIES
	INCANDESCENT FIXTURE -- SURFACE OR RECESSED, SEE FIXTURE SCHEDULE
	HOME-RUN TO PANEL
	WIRING CONCEALED IN WALL OR FLOOR
	WIRING CONCEALED IN WALL OR CEILING
	WIRE IN CONDUIT - HASH MARKS DENOTE NUMBER OF WIRES - DIAMOND DENOTES GRD WIRE - LONG HASH DENOTES NEUTRAL - NO HASH MARKS DENOTE 2#12 & 1#12 GRD, UNLESS NOTED OTHERWISE.
	NON-FUSED DISCONNECT
	FUSED DISCONNECT
	DISTRIBUTION PANEL
	LIGHTING AND APPLIANCE BRANCH CIRCUIT PANEL
	MOTOR
	PUSH-BUTTON
	TELEPHONE SYSTEM OUTLET -- MTD UP 12" WITH 1" C TO TEL EQUIP.
	CARBON MONOXIDE DETECTOR
	FIRE ALARM SYSTEM BREAKGLASS STATION -- MTD UP 48" A.F.F
	FIRE ALARM SYSTEM AUDIO / VISUAL DEVICE -- MTD UP 84" A.F.F.
FACP	FIRE ALARM SYSTEM CONTROL PANEL
ANN	FIRE ALARM SYSTEM ANNUNCIATOR
	FIRE ALARM SYSTEM HEAT DETECTOR
	FIRE ALARM SYSTEM SMOKE DETECTOR
	FIRE ALARM SYSTEM DUCT SMOKE DETECTOR
	FIRE ALARM SYSTEM STROBE LIGHT -- MTD UP 80" A.F.F.

PROJECT NAME : **BAPS TEMPLE**
PANEL NAME : **"LA"** PANEL MAIN : **M.L.O.** PANEL MTG. : **SURFACE**
PANEL VOLTAGE : **120/208V, 3-PH., 4-W.** PANEL BUS : **225A. 2-SECTION** LOCATION : **STORAGE 111**

CKT NO.	CIRCUIT DESCRIPTION	BKR SIZE	LOAD PER PHASE A-PHASE		B-PHASE		C-PHASE		BKR SIZE	CIRCUIT DESCRIPTION	CKT NO.
1	OUTDOOR KITCHEN RECEPTACLES	20/1	1200	1200					20/1	KITCHEN LIGHTING	2
3	OUTDOOR KITCHEN RECEPTACLES	20/1			1200	1200			20/1	STORAGE LIGHTING	4
5	OUTDOOR KITCHEN RECEPTACLES	20/1					1200	1200	20/1	KITCHEN LIGHTING	6
7	OUTDOOR KITCHEN RECEPTACLES	20/1	1200	1200					20/1	CLASSROOM LIGHTING	8
9	OUTDOOR KITCHEN RECEPTACLES	20/1			1200	1200			20/1	CLASSROOM LIGHTING	10
11	KITCHEN RECEPTACLES	20/1					1200	1200	20/1	KITCHEN HOOD LIGHTS	12
13	KITCHEN RECEPTACLES	20/1	1200	1200					20/1	CORRIDOR LIGHTING	14
15	RECEPTACLES CIRCUIT	20/1			1200	1200			20/1	CLASSROOM LIGHTING	16
17	KITCHEN RECEPTACLES	20/1					1200	1200	20/1	SPARE	18
19	KITCHEN RECEPTACLES	20/1	1200	1200					20/1	OUTDOOR KITCHEN LIGHTING CKT	20
21	KITCHEN RECEPTACLES	20/1			1200	1200			20/1	OUTDOOR KITCHEN LIGHTING CKT	22
23	KITCHEN RECEPTACLES	20/1					1200	1200	20/1	OUTDOOR KITCHEN LIGHTING CKT	24
25	KITCHEN RECEPTACLES	20/1	1200	1200					20/1	CLASSROOM RECEPTACLES	26
27	KITCHEN RECEPTACLES	20/1			1200	1200			20/1	CLASSROOM RECEPTACLES	28
29	KITCHEN RECEPTACLES	20/1					1200	500	20	HOOD EXHAUST FAN	30
31	KITCHEN RECEPTACLES	20/1	1200	500					2		32
33	RANGE	60			4000	- - - -			20	PARKING AREA LIGHTING	34
35		2					4000	- - - -	2		36
37	OVEN	50	2500	- - - -					20	PARKING AREA LIGHTING	38
39		2			2500	- - - -			2		40
41	FURNACE-8	20/1					1635	- - -	20/1	EXTERIOR LIGHTING	42
43	FURNACE-8	20/1	1635	- - -					20/1	EXTERIOR LIGHTING	44
45	FURNACE-6	20/1			1515	- - - -			20/1	SPARE	46
47	SPARE	20/1					- - - -	- - - -	20/1	SPARE	48
49	SPARE	20/1	- - - -	- - - -					20/1	SPARE	50
51	SPARE	20/1			- - - -	- - - -			20/1	SPARE	52
53	SPARE	20/1					- - - -	- - - -	20/1	SPARE	54
55	SPARE	20/1	- - - -	- - - -					20/1	SPARE	56
57	SPARE	20/1			- - - -	- - - -			20/1	SPARE	58
59	SPARE	20/1					- - - -	- - - -	20/1	SPARE	60
	PHASE WATTS TOTALS		17,835		20,015		16,935			**PHASE WATTS TOTALS**	
	TOTAL WATTS LOAD ON PANEL		54,785							**TOTAL WATTS LOAD ON PANEL**	
	TOTAL AMP LOAD @ 120/208V, 3-PH.		152.18							**TOTAL AMP LOAD @ 120/208V, 3-PH.**	

PROJECT NAME : **BAPS TEMPLE**
PANEL NAME : **"MDP"** PANEL MAIN : **M.L.O.** PANEL MTG. : **SURFACE**
PANEL VOLTAGE : **120/208V, 3-PH., 4-W.** PANEL BUS : **800A.** LOCATION : **STORAGE 111**

CKT NO.	CIRCUIT DESCRIPTION	BKR SIZE	LOAD PER PHASE A-PHASE		B-PHASE		C-PHASE		BKR SIZE	CIRCUIT DESCRIPTION	CKT NO.
1		200	17,835	18,315					200		2
3	PANEL "LA"				20,015	18,414				PANEL "LB"	4
5		3					16,935	17,115	3		6
7		30	2160	45,080					500		8
9	CU-8				2160	45,380				PANEL "HAC"	10
11		3					2160	45,080	3		12
13		30	2160								14
15	CU-8				2160					SPARE	16
17		3					2160				18
	PHASE WATTS TOTALS		85,550		88,129		83,450			**PHASE WATTS TOTALS**	
	TOTAL WATTS LOAD ON PANEL		257,129							**TOTAL WATTS LOAD ON PANEL**	
	TOTAL AMP LOAD @ 120/208V, 3-PH.		714.25							**TOTAL AMP LOAD @ 120/208V, 3-PH.**	

PROJECT NAME : **BAPS TEMPLE**
PANEL NAME : **"LB"** PANEL MAIN : **M.L.O.** PANEL MTG. : **SURFACE**
PANEL VOLTAGE : **120/208V, 3-PH., 4-W.** PANEL BUS : **225A.** LOCATION : **STORAGE 103**

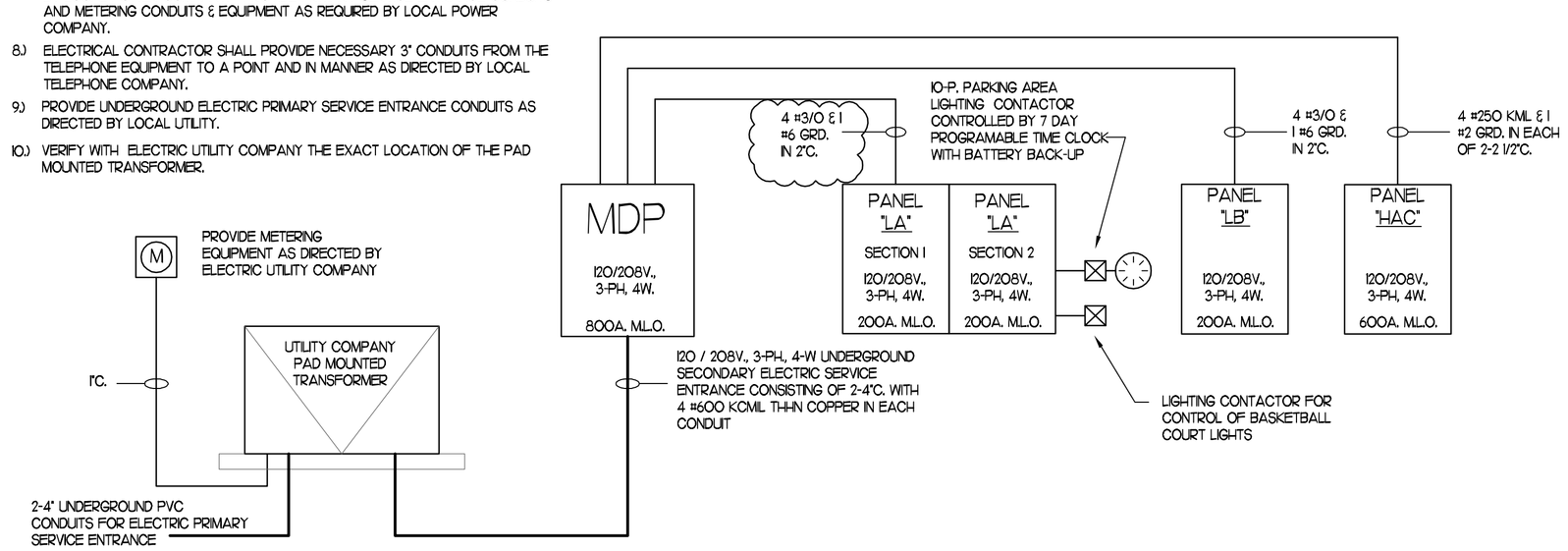
CKT NO.	CIRCUIT DESCRIPTION	BKR SIZE	LOAD PER PHASE A-PHASE		B-PHASE		C-PHASE		BKR SIZE	CIRCUIT DESCRIPTION	CKT NO.
1	SCOREBOARD POWER	20/1	1200	1200					20/1	STORAGE ROOM 201 LIGHTING	2
3	SCOREBOARD POWER	20/1			1200	1200			20/1	SPARE	4
5	SPARE	20/1					1200	1200	20/1	SPARE	6
7	SPARE	20/1	1200	1200					20	BASKETBALL COURT LIGHTS	8
9	RECEPTACLES CIRCUIT	20/1			1200	1200			2		10
11	RECEPTACLES CIRCUIT	20/1					1200	1200	20	BASKETBALL COURT LIGHTS	12
13	RECEPTACLES CIRCUIT	20/1	1200	1200					2		14
15	RECEPTACLES CIRCUIT	20/1			1200	1200			20	BASKETBALL COURT LIGHTS	16
17	RECEPTACLES CIRCUIT	20/1					1200	1200	2		18
19	RECEPTACLES CIRCUIT	20/1	1200	2400					20	BASKETBALL COURT LIGHTS	20
21	RECEPTACLES CIRCUIT	20/1			1200	2499			2		22
23	RECEPTACLES CIRCUIT	20/1					1200	1200	20	BASKETBALL COURT LIGHTS	24
25	RECEPTACLES CIRCUIT	20/1	1200	1200					2		26
27	RECEPTACLES CIRCUIT	20/1			1200	1200			20/1	CLASSROOM LIGHTING	28
29	TOILET & STORAGE LIGHTING	20/1					1200	1200	20/1	CLASSROOM LIGHTING	30
31	FOYER LIGHTING	20/1	1200	1200					20/1	CLASSROOM LIGHTING	32
33	BASKETBALL COURT NITE-LTG CKT	20			1200	1200			20/1	CLASSROOM LIGHTING	34
35		2					1200	1200	20/1	CLASSROOM LIGHTING	36
37	RECEPTACLES CIRCUIT	20/1	1515	1200					20/1	CLASSROOM LIGHTING	38
39	FURNACE F-7	20/1			1515	1200			20/1	CORRIDOR LIGHTING	40
41	FURNACE F-6	20/1					1515	1200	20/1	SPARE	42
	PHASE WATTS TOTALS		18,315		18,414		17,115			**PHASE WATTS TOTALS**	
	TOTAL WATTS LOAD ON PANEL		53,844							**TOTAL WATTS LOAD ON PANEL**	
	TOTAL AMP LOAD @ 120/208V, 3-PH.		149.57							**TOTAL AMP LOAD @ 120/208V, 3-PH.**	

PROJECT NAME : **BAPS TEMPLE**
PANEL NAME : **"HAC"** PANEL MAIN : **M.L.O.** PANEL MTG. : **SURFACE**
PANEL VOLTAGE : **120/208V, 3-PH., 4-W.** PANEL BUS : **600A.** LOCATION : **STORAGE 111**

CKT NO.	CIRCUIT DESCRIPTION	BKR SIZE	LOAD PER PHASE A-PHASE		B-PHASE		C-PHASE		BKR SIZE	CIRCUIT DESCRIPTION	CKT NO.
1		60	5750	5750					60		2
3	CU-1				5750	5750				CU-2	4
5		3					5750	5750	3		6
7		60	5750	5750					60		8
9	CU-1				5750	5750				CU-2	10
11		3					5750	5750	3		12
13		30	1200	3360					45		14
15	CU-3				1200	3360				CU-4	16
17		3					1200	3360	3		18
19		45	3360	3360					45		20
21	CU-5				3360	3360				CU-6	22
23		3					3360	3360	3		24
25		30	1200	2100					30		26
27	CU-7				1200	2100				F-2	28
29		3					1200	2100	3		30
31			2100	2100					30		32
33	F-1				2100	2100				F-2	34
35		3					2100	2100	3		36
37			2100	1200					15/1	FURNACE-3	38
39	F-1				2100	1500			20/1	FURNACE-4	40
41		3					2100	1200	20/1	SPARE	42
	PHASE WATTS TOTALS		45,080		45,380		45,080			**PHASE WATTS TOTALS**	
	TOTAL WATTS LOAD ON PANEL		135,540							**TOTAL WATTS LOAD ON PANEL**	
	TOTAL AMP LOAD @ 120/208V, 3-PH.		376.50							**TOTAL AMP LOAD @ 120/208V, 3-PH.**	

GENERAL NOTES:

1) ALL WORK SHALL CONFORM TO ALL LOCAL, STATE AND FEDERAL CODES INCLUDING THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE AND ADA GUIDELINES.
2) ALL WIRE SIZES ARE BASED ON TYPE "THWN/THHN" COPPER.
3) PROVIDE METERING EQUIPMENT AS DIRECTED BY LOCAL UTILITY.
4) PROVIDE CONCRETE PAD FOR UTILITY CO. TRANSFORMER AS DIRECTED BY LOCAL UTILITY COMPANY.
5) ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PURCHASING ALL NECESSARY LICENSES, PERMITS, & INSPECTIONS, AS WELL AS ANY OTHER NECESSARY FEES REGARDING THE ELECTRICAL INSTALLATION.
6) VERIFY ALL NECESSARY POWER COMPANY REQUIREMENTS FOR METERING, CT CABINETS, PRIMARY SERVICE CONDUITS AND ANY METERING CANS, SOCKETS, AND CONDUITS.
7) PAD MOUNTED TRANSFORMER BY LOCAL POWER COMPANY - PAD AS DIRECTED BY LOCAL POWER COMPANY. PROVIDE PRIMARY SERVICE ENTRANCE CONDUITS AND METERING CONDUITS & EQUIPMENT AS REQUIRED BY LOCAL POWER COMPANY.
8) ELECTRICAL CONTRACTOR SHALL PROVIDE NECESSARY 3" CONDUITS FROM THE TELEPHONE EQUIPMENT TO A POINT AND IN MANNER AS DIRECTED BY LOCAL TELEPHONE COMPANY.
9) PROVIDE UNDERGROUND ELECTRIC PRIMARY SERVICE ENTRANCE CONDUITS AS DIRECTED BY LOCAL UTILITY.
10) VERIFY WITH ELECTRIC UTILITY COMPANY THE EXACT LOCATION OF THE PAD MOUNTED TRANSFORMER.



ELECTRICAL PANELBOARDS ONE-LINE DIAGRAM

SCHEMATIC NO SCALE

MISHRA ARCHITECTURE PLLC

P. O. Box 5666 Brandon MS 39047
Ph: (601) 914-4853 Fax: (601) 608-7866
EMAIL:ashish@mishraarch.com
WEB: www.mishraarch.com

CIVIL:
Benchmark Engineering & Surveying
101 Highpointe Court Suite B
Brandon, MS 39042
Phone: (601) 591-1077
Fax: (601) 591-0711
Email:gbonds@benchmarkms.net

STRUCTURAL:
S. K. International, Inc.
130 Main Street
Huntsville, AL 35811
Phone: (256) 852-3098
Fax: (256) 851-0686
Email: skint97@aol.com

ELECTRICAL:
William Council Tuberville
3080 Stage Post Drive, Suite 107
Memphis, TN 38116
Phone: (931) 676-3266

MECHANICAL:
Powell and Associates
886 Joe Dr
Collierville TN 38017-1415
Phone: (662) 890-4220
Fax: (662) 890-4224
Email: ROB@RHPOWELL.com

REVISIONS		
No.	Date	Description

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WILLIAM COUNCIL TUBERVILLE
REGISTERED PROFESSIONAL ENGINEER
6917
STATE OF MISSISSIPPI

KEY PLAN

BAPS, INC.

YOGI YOUTH CENTER

Greenway Drive
Jackson, MS 39206

Drawing Title
Schedules and Diagrams

No Scale

Phase
Construction Documents

Project No.	07-051	Sheet No.
Prepared by	SMJ	E105
Checked by	SMJ	
Date	Feb. 27, 2009	

CONSTRUCTION