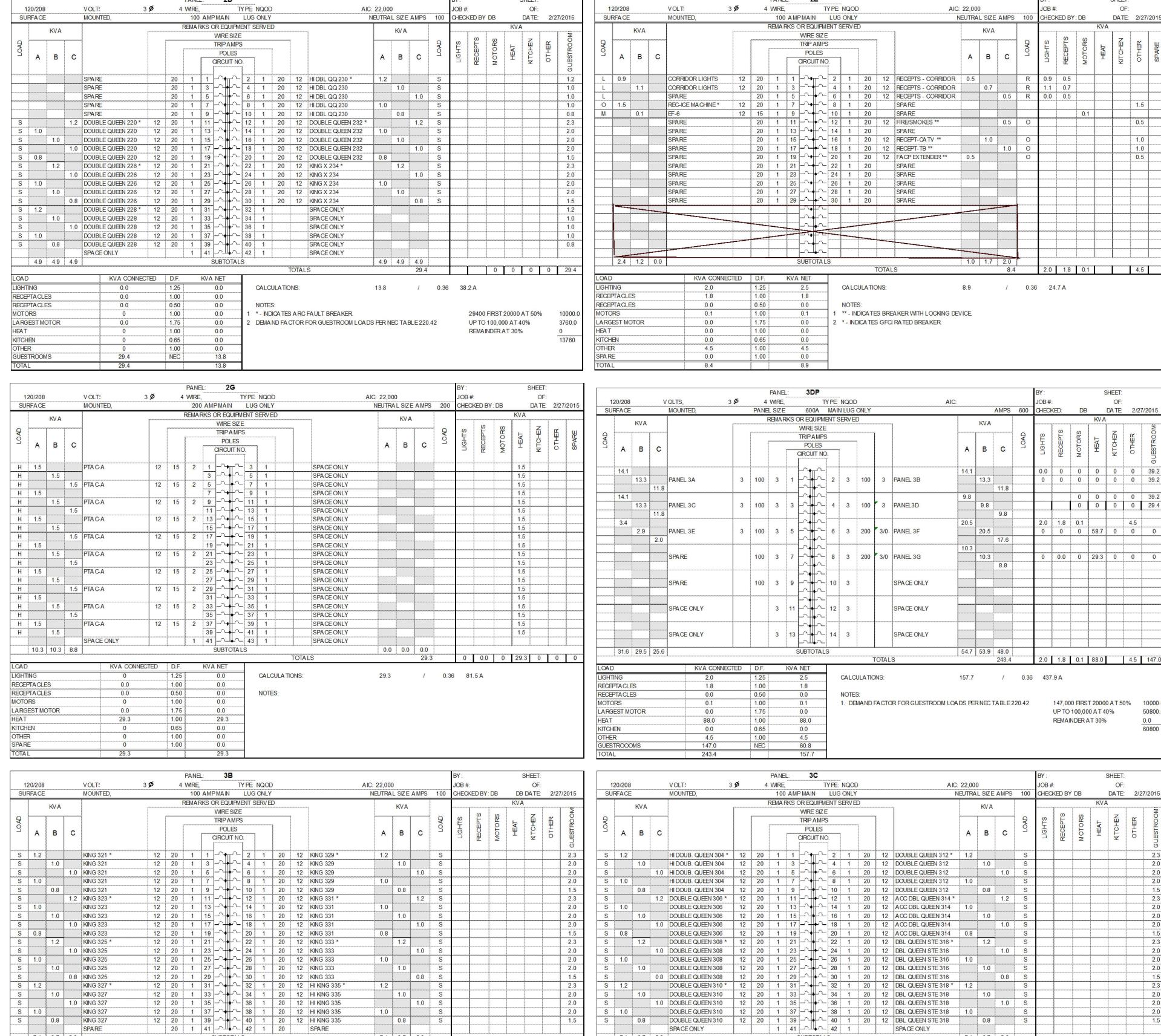
2905-D Queen City Dr. Charlotte, NC 28208 P: (704) 399-3943 F: (704) 394-5648 www.allied-engineers.com Allied #14417





7.1 6.7 5.9

LIGHTING

MOTORS

RECEPTACLES

RECEPTACLES

LARGEST MOTOR

GUESTROOMS

0 0 0 0 0 0 39.2

39200 FIRST 20000 AT 50%

UP TO 100,000 AT 40%

REMAINDER AT 30%

39.2 / 0.36 108.9 A

SUBTOTALS

17.7

CALCULATIONS:

* - INDICATES ARC FAULT BREAKER

DEMAND FACTOR FOR GUESTROOM LOADS PER NEC TABLE 220.42

KVA CONNECTED D.F.

NEC

39.2

7.1 6.7 5.9

17.7 / 0.36 49.1 A

0 0 0 0 39.2

39200 FIRST 20000 AT 50% 10000.

UP TO 100,000 AT 40% REMAINDER AT 30%

SUBTOTALS

39.2

CALCULATIONS:

* - INDICATES ARC FAULT BREAKER.

DEMAND FACTOR FOR GUESTROOM LOADS PER NEC TABLE 220.42

KV A CONNECTED D.F.

LIGHTING

RECEPTA CLES RECEPTA CLES

LARGEST MOTOR

GUESTROOMS

MOTORS

	20/208			VOLT:	3 Ø		PANE	ξ	21	TY		NQOD				AIC: 22,					BY: JOB#	-			OF:		
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		KVA				F	REMA	RKS C	R EQI	JIPME	NT S	ERVE)			KVA						.y	KVA	y	·	ų	
LOAD					WRE SIZE TRIP AMPS														LOAD	ရှ	PTS	SRS	E	<u>ā</u>	Æ	Щ	
0	Α	В	С						POL	.ES IT NO.						A		В	С	9	LIGHTS	RECEPT	MOTORS	HEAT	KITCHEN	OTHER	SPARE
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Н		1.5						3	_^_	+~-	4						1	1.5		Н		•		2.9			
Н			1.5	PTAC-A	12	15	2	5	-^-	∳ ^_Ì	6	2	15	12	PTAC-A				1.5	Н	***************************************		1	2.9		······	*
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Н	·	1.5	***************************************	PTA C-A	12	15	2	9	┈ <u>├</u> ╌╲╼╅┼	<u> </u> ^_	10	2	15	12	PTAC-A	***************************************	•	1.5		Н	•••••			2.9			1
Н	<u> </u>		1.5	č				11	_~_	- ^-	12					,,,,,,,,,,			1.5	Н				2.9			
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S			1.0	KING WIDE 303	12	20	1	5 -		6	1	20	12	KING SUITE 311			1.0	S			ļ				
S	1.0			KING WIDE 303	12	20	1	7		^_ 8	1	20	12	KING SUITE 311	1.0			S			ļ				-
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S	4.0		1.0	KING 307	12	20	1	23		^_ 24	1	20	12	KING SUITE 315			1.0	S			ļ				2
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	r.1	0.7	5.8	<u></u>				3	UBIUI	ALS		-	TOTAL	9	7.1	0.7	39.2		0.0	0	0	0	0	0	Υ
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	PTACLE	***************************************		0.0		0.50			0.0		NOTE	S.								39200	FIRST	20000	AT 50%		
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KITCH				0		0.65			0.0																
OTHE				0		1.00			0.0																
	TROOM	IS		39.2		NEC			17.7																
ТОТА				39.2					17.7																

2D	2E	2F
2G	DP3	3A
3B	3C	_



6800 S Creek Rd, Charlotte, NC 28277 Ph: (704) 625-6554 Fax: (704) 919-5822 EMAIL:ashish@mishraarch.com WEB: www.mishraarch.com

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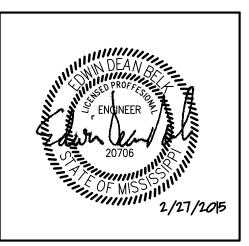
STRUCTURAL: WGPM, Inc.

11220 Elm Lane, Suite 201 Charlotte, NC 28277 Phone: (704) 542-7199 Fax: (704) 542-7195 Email: lwright@wgpminc.com

MEP:
Allied Consulting Engineers 2905-D Queen City Drive Charlotte, NC 28208 Phone: (704) 399-3943 Email: asoler@allied-engineers.com

REVISIONS									
No.	Date	Description							
1									

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KEY PLAN

Shiva Southaven

Holiday Inn Express & Suites

Lot 16 (Rev Lot 3) Southcrest Pkwy. Southcrest Subdivision Southaven, MS 38671

ELECTRICAL PANEL SCHEDULES

Construction Documents

Project No.	14-081	Sheet No.					
Prepared by	MAH	E503					
Checked by	EDB	E503					
Date	27 2015						

Feb. 27, 2015