



**BASE4**

BASE4  
3858 GLADES ROAD, #31  
BOCA RATON, FLORIDA 33434  
1120.12@BASE4 www.base-4.com

SEAL



GARRY VERMAAS, Ph.D. PE  
2010.08.05  
9011 EDGEWATER BEND  
PARKLAND, FLORIDA, 33076



ISSUE:

Issued for Permit  
08.05.2016

PROJECT: 16-018

**Hampton Inn & Suites**  
New Stanton, PA 15672

OWNER:

**Stanton Hospitality LLC**

52 Blueberry Lane,  
Grove City, PA 16127

DATE 2016.08.05

DRAWN BY SJ

CHECKED BY GWV

SCALE AS NOTED

PROJECT NO. B4-67-1603

SHEET NAME

PANEL SCHEDULE-III

SHEET NO.

**E303**

SERVICE 3 PHASE 4 WIRE VOLTAGE: 120/208 MOUNTING: WALL MOUNTED TYPE: LOAD CENTRE										PANEL SEP				MAIN BUS: 250A NEUTRAL: 100% MINS: 100A AC: 25,000 A					
TRIP/LOAD CENTRE																			
PHASE				TRIP POLE	WIRE	CONDUIT	CKT NO.	CKT NO.	WIRE	CONDUIT	PHASE				LOAD DESCRIPTION				
R	Y	B	R								Y	B							
SITE POLE LIGHT	1100			202P	12	3/4	1	2	12	3/4	202P	1100	1100		SITE POLE LIGHT				
BOLLARD LIGHT			400	202P	12	3/4	5	6	12	3/4	202P			400	PORCH LIGHT				
BOLLARD LIGHT	400			202P	12	3/4	7	8							SPACE				
SITE POLE LIGHT		800		202P	12	3/4		9	10	12	3/4	202P		800	SITE POLE LIGHT				
CAR CHARGING RCPT	1200			302P	10	3/4		11	12				800						
		1200						13	14	10	3/4	302P	1200	1200	CAR CHARGING RCPT				
SPACE								15	16						SPACE				
								17	18										
SPACE								19	20						SPACE				
								21	22										
SPACE								23	24						SPACE				
								25	26										
								27	28						SPACE				
SPACE								29	30						SPACE				
								31	32										
SUBTOTAL VA	2700	3150	1200									2300	3150	1200	SUBTOTAL VA				

LOAD	CONNECTED LOAD	DEMAND FACTOR	DEMAND LOAD
LIGHTING	9000	AS PER NEC	9000
RCPT	4800	AS PER NEC	4800
HVAC			1
MOTOR			0
25% LARGEST MOTOR			1
MISC. LOAD			1
TOTAL LOAD IN VA	13800		13800
TOTAL LOAD IN AMPERE			36
TAKING 15% SPARE CAPACITY IN AMP			44
AS PER NEC BREAKER CAPACITY IN AMP			55

SERVICE 3 PHASE 4 WIRE VOLTAGE: 120/208 MOUNTING: FLOOR MOUNTED TYPE: LOAD CENTRE										PANEL MP				MAIN BUS: 600A NEUTRAL: 100% MINS: 600A AC: 65,000A			
LOAD DESCRIPTION		PHASE			TRIP POLE	WIRE	CONDUIT	CKT NO.	CKT NO.	WIRE	CONDUIT	TRIP POLE	PHASE			LOAD DESCRIPTION	
		R	Y	B									R	Y	B		
SECTION 1																	
AHJ-1	500				150P	12	3/4"	1	2	8	3/4"	350P	2400			HEAT	
		500						3	4					2400			
AHJ-2			500		150P	12	3/4"	5	6	8	3/4"	350P		2400	2400	HEAT	
	500							7	8				2400				
AHJ-3		500			150P	12	3/4"	9	10	8	3/4"	350P		2400	2400	HEAT	
		500						11	12								
AHJ-4			500		150P	12	3/4"	13	14	8	3/4"	350P		2400	2400	HEAT	
	500							15	16	8	3/4"	350P		2400			
AHJ-5				500	150P	12	3/4"	17	18	6	1"	602P			7200	HEAT	
		500						19	20				7200				
AHJ-6		500			150P	12	3/4"	21	22	8	3/4"	452P		3850	3850	HEAT	
			500					23	24								
AHJ-7	500				150P	12	3/4"	25	26								
		500						27	28				8300				
			500					29	30	3	1"	903P		8300	8300	HEAT	
								31	32					8300			
CU-1	1500				402P	8	1"	33	34					2880			
		1500						35	36	8	1"	403P			2880		
CU-3		900			252P	10	3/4"	37	38					2880			
			900					39	40	8	1"	403P		1900	1900		
				900				41	42								