Project Name: Brambleton Public Safety Project Number: 2007.0330D

Total Demand Kva	C/N/D factors	Total Connected Kva	Description	PANEL MDP	PANEL PA	PANEL PA2	PANEL PHA	PANEL PB	PANEL PC	PANEL PC2
				1	1	1	1	1	1	1
	1.25		Unassigned							
45.63	0.5	81.26	Receptacles		26.88	12.88		30.56	8.04	2.90
33.64	1.25	26.91	Largest Motor	26.91	1					
			Panels	436.06						
47.31	1.25	37.85	Lighting	1	6.55	4.30		8.81	13.07	5.12
84.72	1	84.72	Air Conditioning (Summer Only)				84.72			
39.55	1	39.55	Heat (Winter Only)				10.80		26.25	2.50
10.74	1	10.74	Outdoor Lighting			5.74			5.00	
0.58	1	0.58	Water Heating				0.50		0.08	
	1		Air Compressor							
101.07	1	101.07	Motors		1.00	1.50	36.73	4.03	49.41	8.40
20.94	1	20.94	Others:		6.10	2.58		10.66	1.60	
55.596	1	55.60	Tenant Equipment			1 23.80		10.10	15.20	6.50
3.76	1	3.76	Cooking			3.76				
	1									
	1									
	1									
	1									
443.53		462.97	Totals	462.97	40.53	54.56	132.74	64.17	118.64	25.42
1 443.53	WINTER	1	(delete summary load for panels)	1	1	1			1	
443.53	SUMMER									

208 Voltage
3 Phase
1 1231.1 Max Amps

Area: 31627.2 sq. ft.

Connected Loads per sq. foot

W/Sq. Ft.	
	Unassigned
2.6	Receptacles
0.9	Largest Motor
	Panels
1.2	Lighting
2.7	Air Conditioning (Summer Only)
1.3	Heat (Winter Only)
0.3	Outdoor Lighting
	Water Heating
	Air Compressor
3.2	Motors
0.7	Others:
1.8	Tenant Equipment
0.1	Cooking
14.6	Totals

REFER TO DRAWINGS: E-6.11.1

ADDENDUM REVISION

BRAMBLETON PUBLIC SAFETY CENTER
BELMONT RIDGE ROAD
BRAMBLETON, VIRGINIA

BIGNELL/WATKINS/HASSER ARCHITECTS
ONE PARK PLACE, SUITE 250 ANNAPOLIS, MARYLAND 21401

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DATE: 04/22/2011
SCALE: NOT TO SCALE
DWG. NO: SKE-611-2

2007.0330.D