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
	1.25		Unassigned						
44.18	0.5	78.36	Receptacles		26.88	12.88		30.56	8.04
33.64	1.25	26.91	Largest Motor	26.91					
			Panels	407.32					
40.91	1.25	32.73	Lighting		6.55	4.30		8.81	13.07
81.39	1	81.39	Air Conditioning (Summer Only)				81.39		
37.05	1	37.05	Heat (Winter Only)				10.80		26.25
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						
92.67	1	92.67	Motors		1.00	1.50	36.73	4.03	49.41
20.94	1	20.94	Others:		6.10	2.58		10.66	1.60
49.096	1	49.10	Tenant Equipment			23.80		10.10	15.20
3.76	1	3.76	Cooking			3.76			
	1								
	1								
	1								
	1								
414.96		434.23	**Totals**	434.23	40.53	54.56	129.42	64.17	118.84
414.96	**WINTER**		(delete summary load for panels)						
414.96	**SUMMER**								

208	Voltage
3	Phase
1151.8	Max Amps

Area: 28747.6 sq. ft.

Connected Loads per sq. foot

W/Sq. Ft.	
	Unassigned
2.7	Receptacles
0.9	Largest Motor
	Panels
1.1	Lighting
2.8	Air Conditioning (Summer Only)
1.3	Heat (Winter Only)
0.4	Outdoor Lighting
	Water Heating
	Air Compressor
3.2	Motors
0.7	Others:
1.7	Tenant Equipment
0.1	Cooking
15.1	Totals

REFER TO DRAWINGS: E-6.1

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-61-2

2007.0330.D