

Table 2						PAGE	x	OF	y			
VDOT Project Name						MADE BY:	JH	DATE	08/10/00			
LUMINAIRE LAYOUT AND AMP BALANCING						CHKD. BY	TG	DATE	01/17/00			
CONTROL CENTER 18												
Circuits 2,4,6						Circuits 3,5,7						
LUM #	WATT	AMP BY PHASE			DIST	LUM #	WATT	AMP BY PHASE			DIST	
		A-2	B-4	C-6	feet			A-7	B-3	C-5	feet	
18-6.1	400	1.8			320	18-19.1	400			1.8	345	
18-5.1	400			1.8	290	18-18.1	400		1.8		350	
18-4.1	400		1.8		310	18-17.1	400	1.8			310	
18-3.1	400	1.8			305	18-16.1	400			1.8	300	
18-2.1	400			1.8	300	18-15.1	400		1.8		300	
18-1.1	400		1.8		40	18-14.1	400	1.8			200	
18-13.1	400		1.8		250	18-HM1.1(1)	400	1.8			100	
18-12.1	400			1.8	310	18-HM1.1(2)	400		1.8		100	
18-11.1	400	1.8			310	18-HM1.1(3)	400			1.8	100	
18-10.1	400		1.8		300	18-HM1.1					20	
18-9.1	400			1.8	300	JB 18-D					310	
18-8.1	400	1.8			265	18-25.1	400	1.8			305	
JB 18-B					200	18-24.1	400		1.8		300	
JB 18-A					20	18-23.1	400			1.8	310	
CC-18					20	18-22.1	400	1.8			300	
						18-21.1	400		1.8		300	
						18-20.1	400			1.8	100	
						JB 18-A					20	
						CC-18					20	
CIRCUITS 2,4,6		A-2	B-4	C-6		CIRCUITS 3,5,7			A-7	B-3	C-5	
TOTAL AMPS		7.2	7.2	7.2		TOTAL AMPS			9	9	9	
OVERALL TOTAL		21.6				OVERALL TOTAL			27			
AVE CURRENT IN THREE PHASES		7.20				AVE CURRENT IN THREE PHASES			9.00			
DEVIATION FROM AVE.	0.00	0.00	0.00			DEVIATION FROM AVE.	0.00	0.00	0.00			
MAX DEVIATION FROM AVERAGE	0.00					MAX DEVIATION FROM AVERAGE	0.00					
PHASE IMBALANCE	0.000					PHASE IMBALANCE	0.000					
% IMBALANCE	0.00					% IMBALANCE	0.00					
CONTROL CENTER 18 SUMMARY												
CONTROL CENTER ONE		A	B	C		CONTROL CENTER ONE		A	B	C		
TOTAL *		16.90	16.20	16.20		TOTAL *		16.90	16.20	16.20		
AVERAGE CURRENT		16.43				AVERAGE CURRENT		16.43				
DEVIATION FROM AVE.		0.47	0.23	0.23		DEVIATION FROM AVE.		0.47	0.23	0.23		
% IMBALANCE		2.84				% IMBALANCE		2.84				
* PHASE A HAS .7 AMPS ADDED TO ACCOUNT FOR THE PHOTOCCELL												