

LUMINAIRE SCHEDULE									
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
E		23	VAP 254 WD	4' POLYCARBONATE ENCLOSURE FOR (2) 54TSHO LAMPS, WIDE DISTRIBUTION SPECULAR REFLECTOR	TWO 54-WATT LINEAR FLUORESCENT T5HO, HORIZONTAL POS.	VAP_254_WD.ies	4500	0.85	106.8

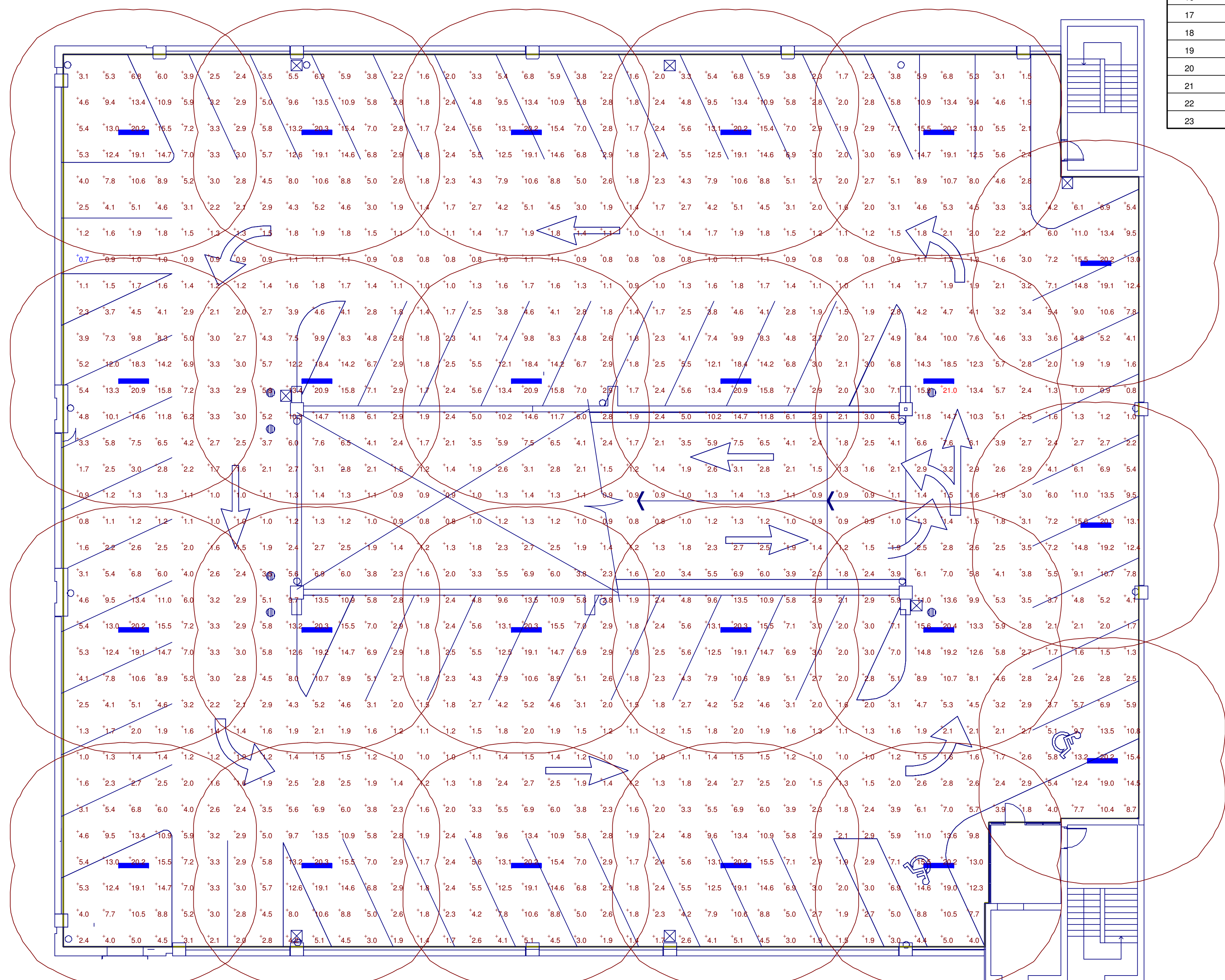
STATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
area summary@floor	+	5.1 fc	21.0 fc	0.7 fc	30.0:1	7.3:1

LUMINAIRE LOCATIONS											
No.	Label	X	Location Y	Z	MH	Orientation	Tilt	X	Aim Y	Z	
1	E	12.0	13.8	8.5	8.5	90.0	0.0	12.0	13.8	0.0	
2	E	40.0	13.8	8.5	8.5	90.0	0.0	40.0	13.8	0.0	
3	E	72.0	13.8	8.5	8.5	90.0	0.0	72.0	13.8	0.0	
4	E	104.0	13.8	8.5	8.5	90.0	0.0	104.0	13.8	0.0	
5	E	135.0	13.8	8.5	8.5	90.0	0.0	135.0	13.8	0.0	
6	E	12.0	49.8	8.5	8.5	90.0	0.0	12.0	49.8	0.0	
7	E	40.0	49.8	8.5	8.5	90.0	0.0	40.0	49.8	0.0	
8	E	72.0	49.8	8.5	8.5	90.0	0.0	72.0	49.8	0.0	
9	E	104.0	49.8	8.5	8.5	90.0	0.0	104.0	49.8	0.0	
10	E	135.0	49.8	8.5	8.5	90.0	0.0	135.0	49.8	0.0	
11	E	12.0	87.8	8.5	8.5	90.0	0.0	12.0	87.8	0.0	
12	E	40.0	87.8	8.5	8.5	90.0	0.0	40.0	87.8	0.0	
13	E	72.0	87.8	8.5	8.5	90.0	0.0	72.0	87.8	0.0	
14	E	104.0	87.8	8.5	8.5	90.0	0.0	104.0	87.8	0.0	
15	E	135.0	87.8	8.5	8.5	90.0	0.0	135.0	87.8	0.0	
16	E	12.0	125.8	8.5	8.5	90.0	0.0	12.0	125.8	0.0	
17	E	40.0	125.8	8.5	8.5	90.0	0.0	40.0	125.8	0.0	
18	E	72.0	125.8	8.5	8.5	90.0	0.0	72.0	125.8	0.0	
19	E	104.0	125.8	8.5	8.5	90.0	0.0	104.0	125.8	0.0	
20	E	135.0	125.8	8.5	8.5	90.0	0.0	135.0	125.8	0.0	
21	E	159.0	105.8	8.5	8.5	90.0	0.0	159.0	105.8	0.0	
22	E	159.0	65.8	8.5	8.5	90.0	0.0	159.0	65.8	0.0	
23	E	160.0	29.8	8.5	8.5	90.0	0.0	160.0	29.8	0.0	

POWER DENSITY STATISTICS				
Name	# Luminaires	Total Watts	Area	Density
Power Density Zone # 1	23	2456.40 W	21736.24 ft²	0.11 W/ft²

**NOTES**

1. Readings shown are in units of maintained footcandles.
2. Total light loss factor = See luminaire schedule
3. Test plane = 0' aff
4. Ceiling height = 10' aff
5. Fixture mounting height = 8.5' aff
6. Fixture spacing = See plan view
7. Reflectance = 10/10/10
8. This photometrics layout was calculated using specific criteria, any deviation from stated parameters will effect actual performance.
9. These lighting calculations are not a substitute for independent engineering analysis of lighting system suitability and safety.



Plan View  
Scale 1" = 10'



**PARKING GARAGE**  
TYPICAL VAP 254 WD  
POINT ILLUMINATION STUDY

**Designer**  
R.A. MCILRATH

**Date**  
Mar 17 2010

**Scale**  
AS NOTED

**Drawing No.**  
999-02210A1