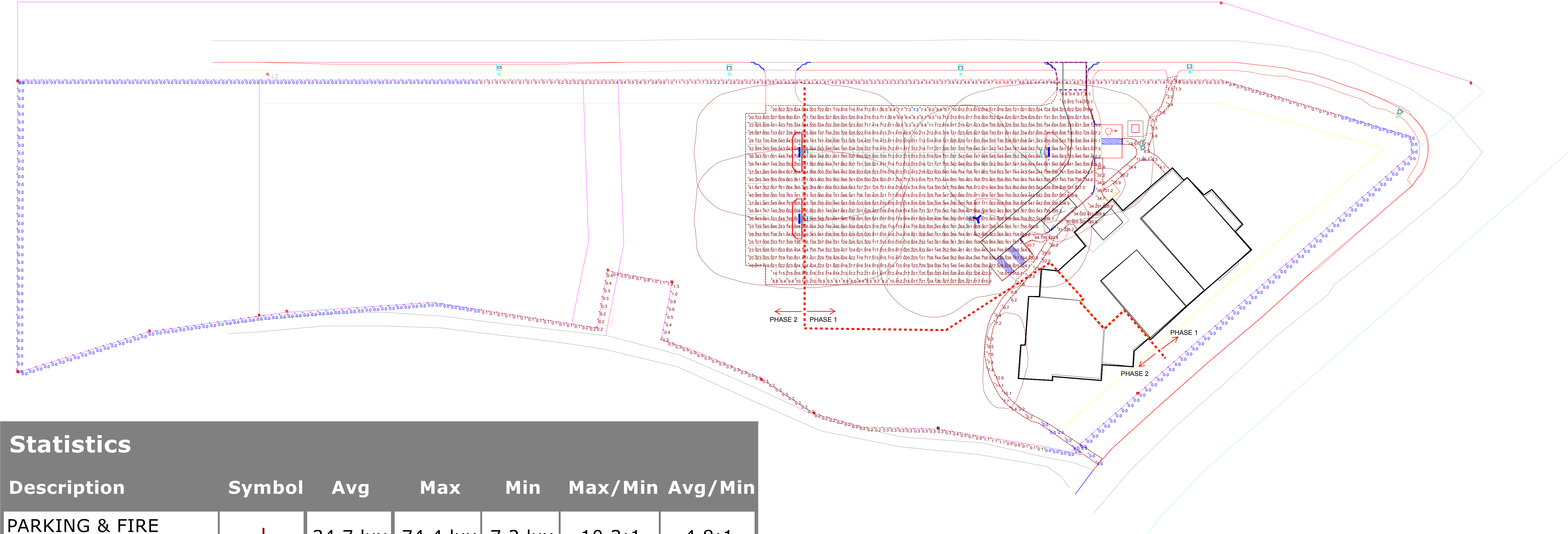




Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PARKING & FIRE ROUTE	+	34.7 lux	74.4 lux	7.2 lux	10.3:1	4.8:1
PROPERTY LINE	+	0.6 lux	4.8 lux	0.0 lux	N/A	N/A
WALKWAYS	+	15.6 lux	45.7 lux	0.0 lux	N/A	N/A

Schedule												
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens Per Lamp	Light Loss Factor	Wattage	
	W	2	Lithonia Lighting	DSXW1 LED 20C 530 40K T2S MVOLT	DSXW1 LED WITH (2) 10 LED LIGHT ENGINES, TYPE T2S OPTIC, 4000K, @ 530mA.	LED	1	DSXW1_LED_20C_530_40K_T2S_MVOLT.ies	4380	0.9	34.9	
	P-2	3	Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	376	
			Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	188	
			Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	188	
	P-3	1	Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	564	
			Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	188	
			Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	188	
			Lithonia Lighting	DSX2 LED 80C 700 40K T2M MVOLT	DSX2 LED WITH 80 LEDs @700mA, 4000K, TYPE 2 MEDIUM OPTICS	LED	1	DSX2_LED_80C_700_40K_T2M_MVOLT.ies	21214	0.9	188	

Site Lighting Certificate

Project: TSA Barrhaven Phase One and Two
Bill Leathem Drive
Barrhaven, ON,

Our Client: Vandenberg & Wildeboer Architects Inc.
160 Flamborough Way, Kanata, Ontario, K2K 3H9

Our Project N°: CEML 16-023
Date: 2016-04-06

Attention:

City Inspector,
Infrastructure Approvals
City of Ottawa

RE: Site Lighting Certificate

Dear sir or madam,

the lighting for The Salvation Army site has been designed to meet the following criteria:

1. Using fixtures that meet the criteria for Full Cut-Off Classification, as recognized by the Illuminating Engineering Society of North America (IESNA or IES), and;
2. Meeting the light spillage criteria (not exceeding 0.5 fc) onto adjacent properties.

Please see the attached calculation sheet for lighting fixture schedule and illumination levels.

CHIARELLI ENGINEERING MANAGEMENT LIMITED



Nicholas Korbel, P. Eng.