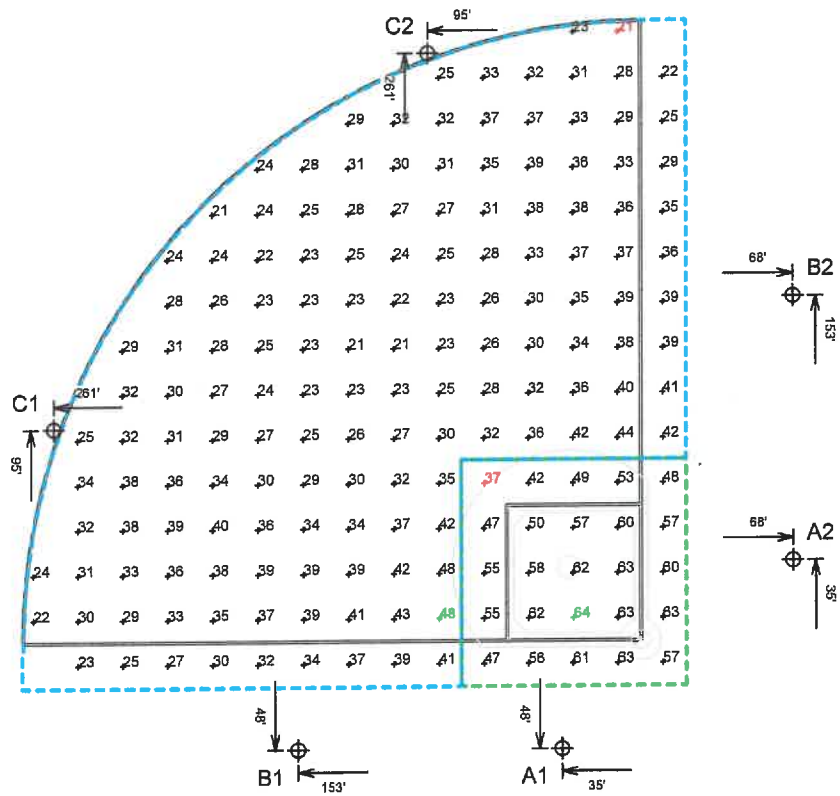


EQUIPMENT LIST FOR AREAS SHOWN

Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY/POLE	THIS GRID	OTHER GRIDS
1	A1	60'	-	60'	1500W MZ	3	3	0
1	A2	60'	-	60'	1500W MZ	3/3*	3	3
1	B1	70'	-	70'	1500W MZ	8	8	0
1	B2	70'	-	70'	1500W MZ	7/8*	8	7
2	C1-C2	60'	-	60'	1500W MZ	4	4	0
6	TOTALS					40	30	10

*This structure utilizes a back-to-back mounting configuration



SCALE IN FEET 1 : 80



Pole location(s) ⊕ dimensions are relative to 0,0 reference point(s) ⊗



GUARANTEED PERFORMANCE

ILLUMINATION SUMMARY

Field

Spruce Grove LSG Upgrade
Whistler, BC

Field #4

- Size: 275'/275'/275' - basepath 60'
- Grid Spacing = 20.0' x 20.0'
- Values given at 3.0' above grade

- Luminaire Type: Green Generation
- Rated Lamp Life: 5,000 hours
- Avg Lumens/Lamp: 134,000

CONSTANT ILLUMINATION HORIZONTAL FOOTCANDLES

	Infield	Outfield
No. of Target Points:	25	148
Average:	55.54	31.30
Maximum:	64	48
Minimum:	37	21
Avg/Min:	1.49	1.51
Max/Min:	1.72	2.33
UG (Adjacent Pts):	1.25	1.36
CV:	0.13	0.20

Average Lamp Tilt Factor:	1,000
Number of Luminaires:	30
Avg KW over 5,000:	46.92
Max KW:	51.0

Guaranteed Performance: The CONSTANT ILLUMINATION described above is guaranteed for the rated life of the lamp.

Field Measurements: Averages shall be +/-10% in accordance with IESNA RP-6-01 and CIBSE LG4. Individual measurements may vary from computer predictions.

Electrical System Requirements: Refer to Amperage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

Installation Requirements: Results assume +/- 3% nominal voltage at line side of the ballast and structures located within 3 feet (1m) of design locations.

By: Mark Belloma

File #: 148819

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