



MY PROJECT

Name: Highland Park ISD SB And TE
Location: Dallas, TX

GRID SUMMARY

Name: Blanket Grid
Spacing: 30.0' x 30.0'
Height: 3.0' above grade

CONSTANT ILLUMINATION

SUMMARY		HORIZONTAL FOOTCANDLES	
Scan Average:	7.1	Entire Grid	
Maximum:	146		
Minimum:	0		
Avg / Min:	3071.44		
Max / Min:	63185.26		
UG (adjacent pts):	10.30		
CV:	3.00		
No. of Points:	1384		
LUMINAIRE INFORMATION			
Luminaire Type:	Green Generation		
Rated Lamp Life:	5,000 hours		
Avg Lumens / Lamp:	134,000		
Avg Lamp Tilt Factor:	1.000		
No. of Luminaires:	65		
Avg KW:	101.66 (110.5 max)		

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

Field Measurements: Illumination measured in accordance with IESNA LM-5-04 and CIBSE G4. Individual values may vary. See the Warranty document for details.

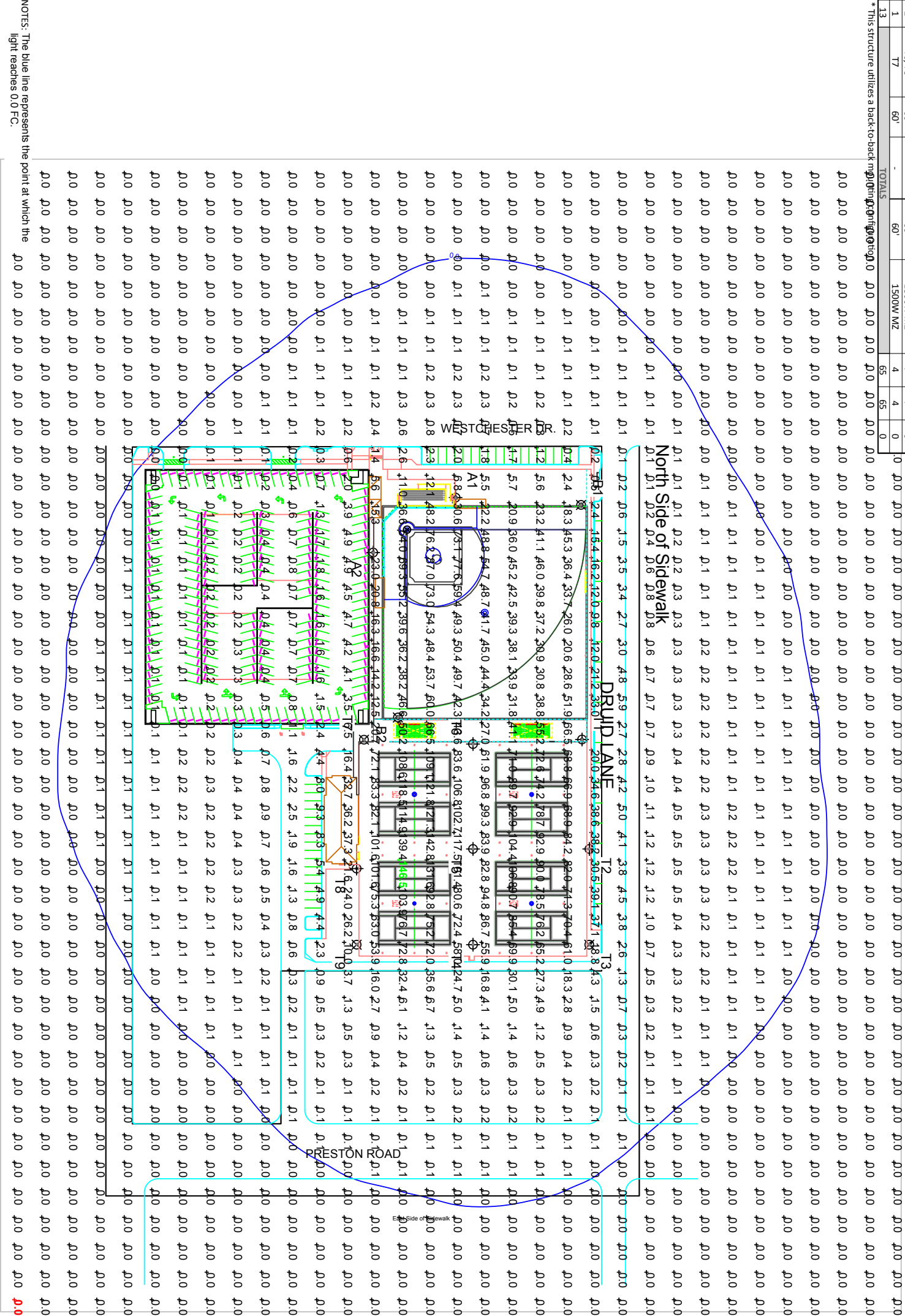
Electrical System Requirements: Refer to Ampereage Draw Chart and/or the "Musco Control System Summary" for electrical sizing.

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

EQUIPMENT LIST FOR AREAS SHOWN

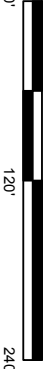
Pole				Luminaires				
QTY	LOCATION	SIZE	GRADE ELEVATION	MOUNTING HEIGHT	LAMP TYPE	QTY/ POLE	THIS GRID	OTHER GRIDS
3	A1-A2, T9	60"	-	60'	1500W MZ	3	3	0
2	B1-B2	70"	-	70'	1500W MZ	5	5	0
1	T1	50"	-	50'	1500W MZ	2/3*	5	0
1	T2	50"	-	50'	1500W MZ	4	4	0
1	T3	50"	-	50'	1500W MZ	2	2	0
1	T4	60"	-	60'	1500W MZ	5	5	0
1	T5	60"	-	60'	1500W MZ	7/5*	12	0
2	T6, T8	60"	-	60'	1500W MZ	7	7	0
1	T7	60"	-	60'	1500W MZ	4	4	0
13	TOTALS					65	65	0

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



NOTES: The blue line represents the point at which the light reaches 0.0 FC.

SCALE IN FEET 1 : 120



Pole location(s) ⚡ dimensions are relative to 0.0 reference point(s) ⊗

By: Zach Strong, LC
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ILLUMINATION SUMMARY