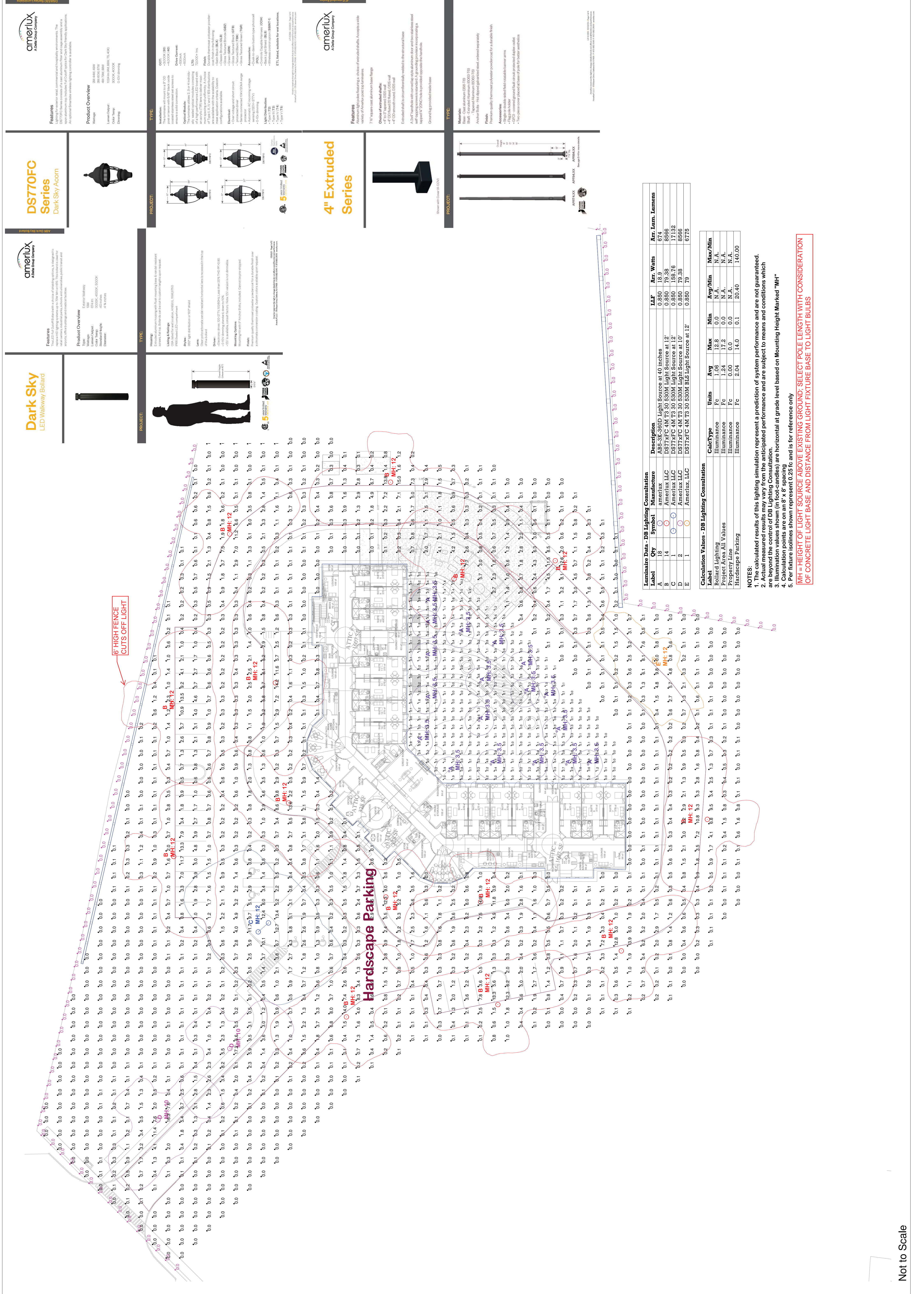


**Project Name:** Hyde Park - Alternate  
**Drawn by:** D Brownell  
**Project ID#:** AME-2780  
**Rev:** D  
**Date:** 4/16/2021

**Disclaimer**  
Lighting Designs by Ducan (LID) assumes no responsibility for any errors in the ETS files, background images, or other information provided to LID to be used in these calculations. Actual or measured results may vary due to manufacturer tolerances and field conditions. The owner assumes all responsibility for compliance with federal, state and/or local codes and regulations.

**Revisions**

Rev	Date	Comments
A	03/05/21	Initial Layout
B	03/18/21	Relocated Pole
C	03/22/21	Fixture Changes and Additions
D	04/16/21	Added Gas Yard



**Luminaire Data - DB Lighting Consultation**

Label	Qty	Description	LLP	Art. Watts	Art. Lum. Lumens
A	18	ABS-3K-360D Light Source at 40 inches	0.850	18.9	674
B	14	DS774FC AM T3 30 830M Light Source at 12'	0.850	79.38	8566
C	2	DS774FC AM T3 30 830M Light Source at 12'	0.850	158.76	17132
E	1	DS774FC AM T3 30 830M Light Source at 12'	0.850	79.38	8566

**Calculation Values - DB Lighting Consultation**

Label	Lighting	Units	Avg	Max	Min	Avg/Min	Max/Min
Property Line	Illuminance	Fc	1.24	12.8	0.0	N.A.	N.A.
Hardscape Parking	Illuminance	Fc	2.04	14.0	0.1	20.40	140.00

- NOTES:**
- The calculated results of this lighting simulation represent a prediction of system performance and are not guaranteed.
  - Actual measured results may vary from the anticipated performance and are subject to means and conditions which are not shown.
  - Illumination values shown (in foot-candles) are horizontal at grade level based on Mounting Height "MH".
  - Calculation points are on an 8' x 8' spacing.
  - Per fixture isolines shown represent 0.25 fc and is for reference only.

**MH = HEIGHT OF LIGHT SOURCE ABOVE EXISTING GROUND. SELECT POLE LENGTH WITH CONSIDERATION OF CONCRETE LIGHT BASE AND DISTANCE FROM LIGHT FIXTURE BASE TO LIGHT BULBS**