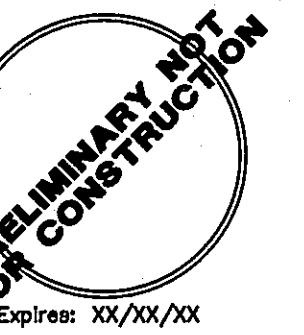




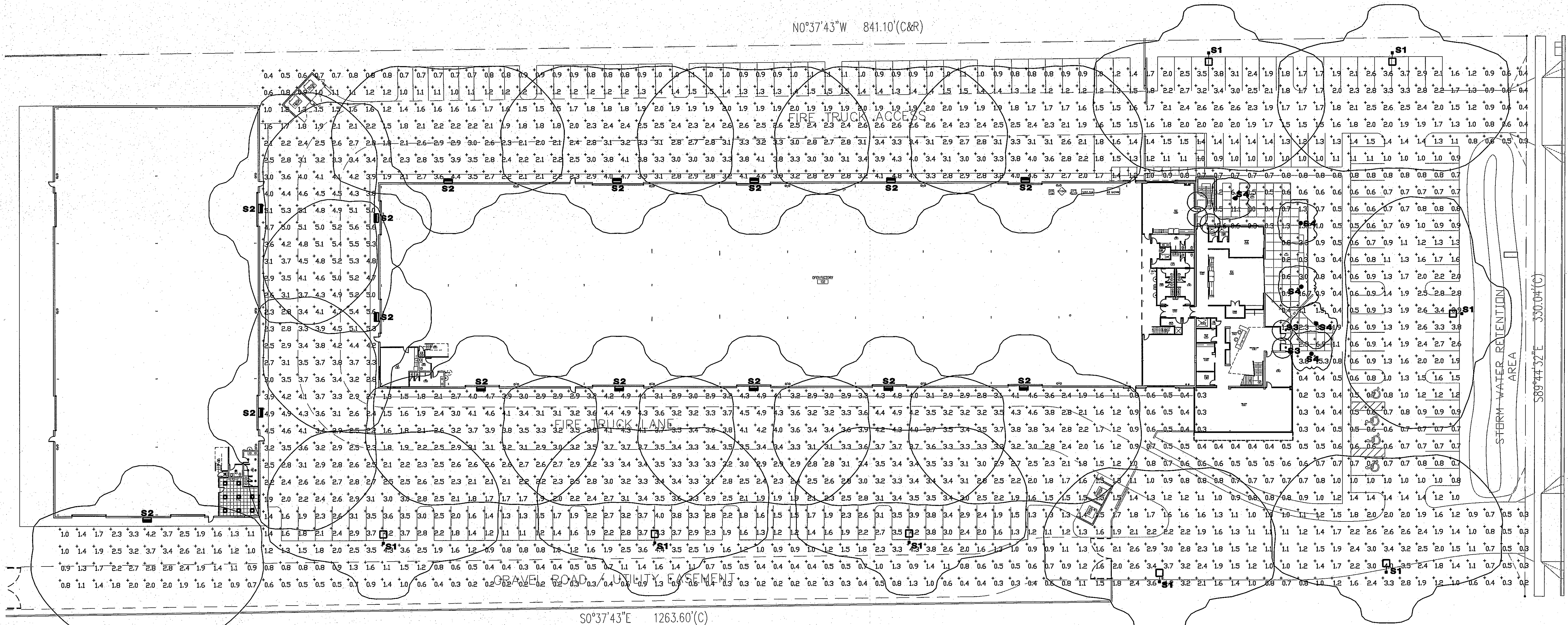
KI FABRICATION, INC.
HEADQUARTERS AND FABRICATION
MESA, ARIZONA

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ES2.0



ELECTRICAL SITE PHOTOMETRIC PLAN

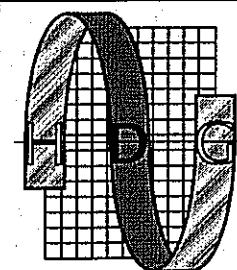
SCALE: 1" = 30' - 0"



Schedule									
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Lumens Per Lamp	Light Loss Factor	Wattage
	S1	8	Lithonia Lighting	DSX1 LED P6 40K T4M VOLT MVLDT SPA (FINISH) / SSS 22.5" POLE WITH 2.5" BASE	DSX1 LED P6 40K T4M MVOLT	LED - 4000K	18634	1	163
	S2	15	Lithonia Lighting	DSX1 LED P6 40K T4M MVOLT WB (FINISH)	DSX1 LED P6 40K T4M MVOLT	LED - 4000K	18634	1	163
	S3	5	V2 LIGHTING	Q4LS-D-V-W-10-83-40-51-(FINISH)	QUBE 400 LX LED SCENCE	LED - 4000K	1000	1	13
	S4	5	Lithonia Lighting	DSXB LED 12C 530 40K ASY MVOLT (FINISH)	D-SERIES BOLLARD WITH 12 4000K LEDS OPERATED AT 530mA AND ASYMMETRIC DISTRIBUTION	LED - 4000K	1847	1	22

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
FC @ GRADE	$\dagger$	2.1 fd	16.7 fd	0.2 fd	83.5:1	10.5:1

NOTE:
PRE-CURFEW DESIGN HOURS SHALL BE DEFINED FROM NOT LATER THAN ONE HOUR AFTER BUSINESS CLOSING AND POST-CURFEW DESIGN HOURS SHALL BE DEFINED AS NOT EARLIER THAN ONE HOUR BEFORE BUSINESS OPENING. ALL EXTERIOR LIGHTS SHALL BE DIMMED BY 35% DURING POST-CURFEW TO COMPLY WITH IECC 2018 C405.2.6. EXTERIOR LIGHTING CONTROLS.



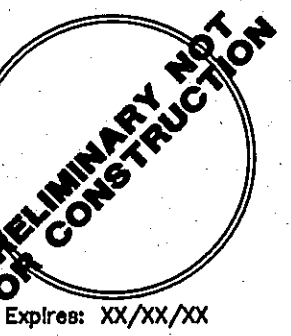
Project Contact/Designer: **MINDY ADLER**
Project # **21022**
HAWKINS DESIGN GROUP INC.
ELECTRICAL CONSULTING ENGINEERS
2152 SOUTH VINEYARD AVE, SUITE 107
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PH. 480.813.9000 FAX 480.813.9001
EMAIL: email@hawkinsdsg.com

IF DRAWING IS NOT PLOTTED AT 24 x 36 THEY ARE NOT FULL SIZE



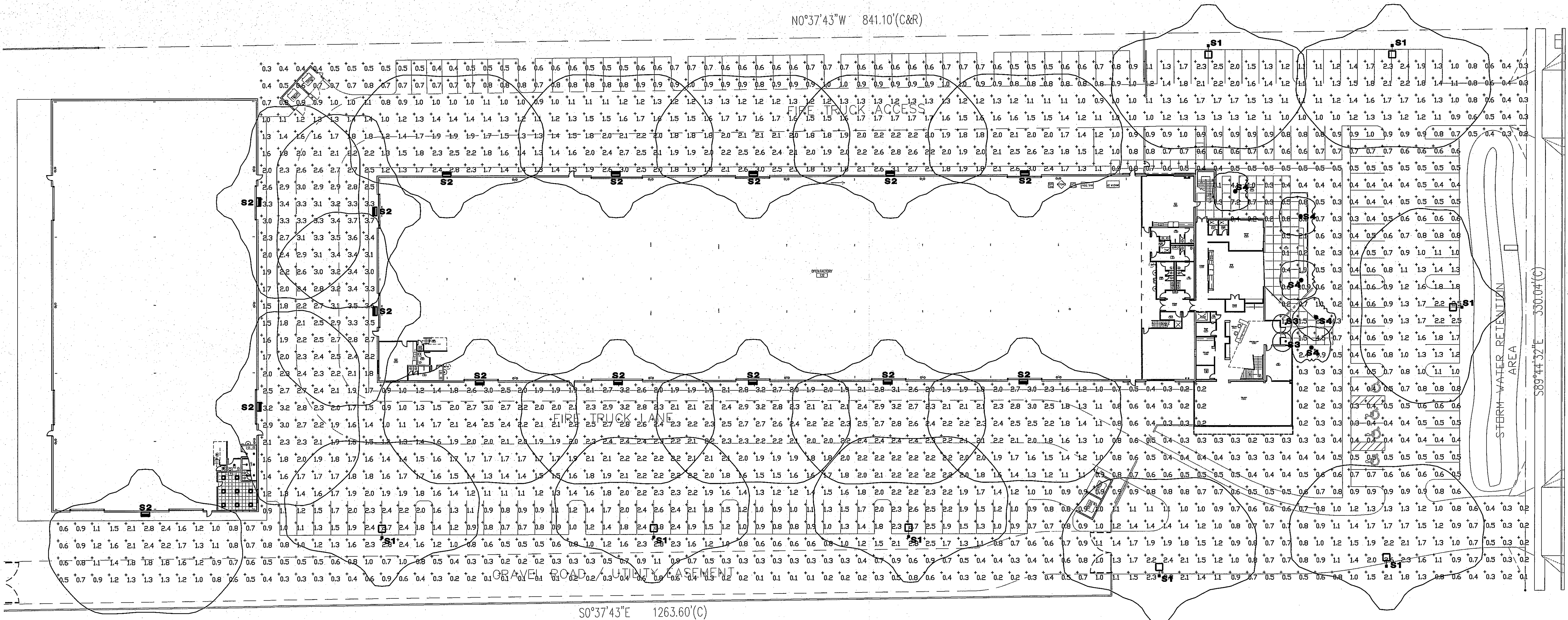
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MESA, ARIZONA

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Use given dimensions only. If not shown, verify correct
dimensions with the Architect. Contractor shall check and verify
dimensions and conditions at job site.

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ELECTRICAL SITE POST PHOTOMETRIC PLAN

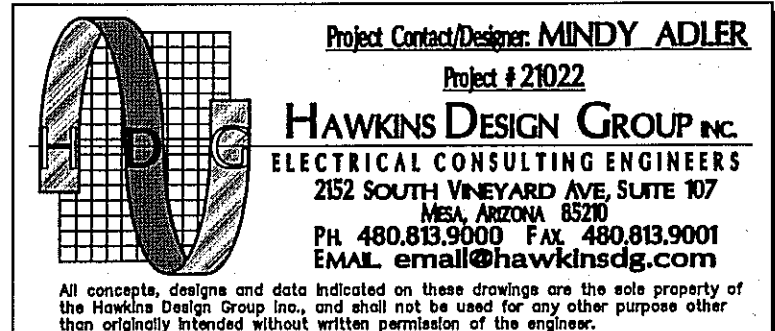
SCALE: 1" = 30' - 0"



Schedule									
Symbol	Label	Quantity	Manufacturer	Catalog Number	Description	Lamp	Lumens Per Lamp	Light Loss Factor	Watts
	S1	8	Lithonia Lighting	DSX1 LED P6 40K T4M MVOLT SPA (FINISH) / SSS 22'S POLE WITH 2'S BASE	DSX1 LED P6 40K T4M MVOLT	LED - 4000K	18634	0.65	163
	S2	15	Lithonia Lighting	DSX1 LED P6 40K T4M MVOLT WB (FINISH)	DSX1 LED P6 40K T4M MVOLT	LED - 4000K	18634	0.65	163
	S3	5	V2 LIGHTING	Q4LS-D-V-W-10-83-40-51-(FINISH)	QUBE 400 LX LED SCNCE	LED - 4000K	1000	0.65	13
	S4	5	Lithonia Lighting	DSXB LED 12C 530 40K ASY MVOLT (FINISH)	D-SERIES BOLLARD WITH 12 4000K LEDS OPERATED AT 530mA AND ASYMMETRIC DISTRIBUTION	LED - 4000K	1847	0.65	22

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
FC @ GRADE	+	1.4 fc	10.9 fc	0.1 fc	109.0:1	14.0:1

NOTE:
PRE-CURFEW DESIGN HOURS SHALL BE DEFINED FROM NOT LATER THAN ONE HOUR AFTER BUSINESS CLOSING AND POST-CURFEW DESIGN HOURS SHALL BE DEFINED AS NOT EARLIER THAN ONE HOUR BEFORE BUSINESS OPENING. ALL EXTERIOR LIGHTS SHALL BE DIMMED BY 35% DURING POST-CURFEW TO COMPLY WITH IECC 2018 C405.2.6. EXTERIOR LIGHTING CONTROLS.



IF DRAWING IS NOT PLOTTED AT 24 x 36 THEY ARE NOT FULL SIZE

