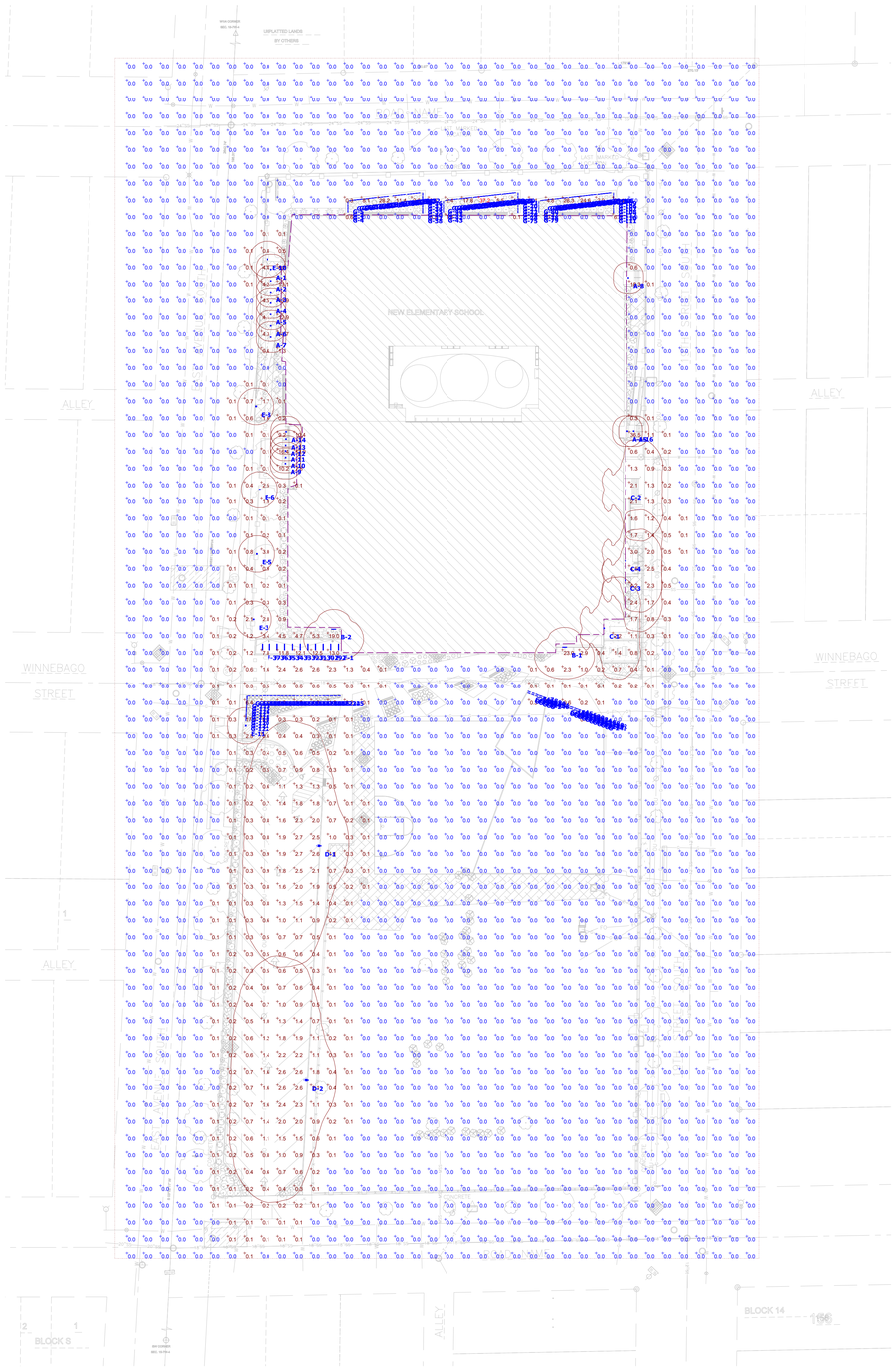

Plan View
Scale - 1" = 40ft

Schedule

Label	Image	QTY	Symbol	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumens per Lamp	Lumen Multiplier	LLF	Wattage	Efficiency	Distribution	Polar Plot	Notes
A		16		Gotham Architectural Lighting	IVO6SQ D 20LM 40K 80CRI MWD P AR LSS	IVO6SQ Downlight 2000 Lumens 4000K 80+ CRI Medium Wide Batwing Open Parabolic Clear Anodized Semi-Specular		1	IVO6SQ D 20LM 40K 80CRI MWD P AR LSS.ies	1914	1	0.95	20.4785	100%	DIRECT, SC-0=0.96, SC-90=0.94	Max: 2109cd	
B		2		Luminaire LED	BLD 36IN 30W 40K DP	Catalog Number: BLD36-30W 4000K2 Surface wall mounted, extruded and cast aluminum housing, formed white enamel aluminum reflector, clear lightly frosted plastic enclosure. 108 white LEDs, three Luminaire LED MP-LED-MOD Rev 3.0C boards with 36 LEDs per board. One ULT Everline D10CC30UNVTW-C LED driver labeled as 940mA. 120.0Vac, 60.00Hz, 0.2519A, 29.61W, 0.980PF, 7.5%THD(i)		1	BLD 36IN 30W 40K DP.ies	3009	1	0.95	29.6	100%	DIRECT, SC-0=1.81, SC-90=1.26	Max: 1498cd	
C		4		Lithonia Lighting	WDGE2 LED P2 40K 80CRI T3M	WDGE2 LED WITH P2 - PERFORMANCE PACKAGE, 4000K, 80CRI, TYPE 3 MEDIUM OPTIC		1	WDGE2 LED P2 40K 80CRI T3M.ies	2062	1	0.95	18.9815	100%	TYPE III, MEDIUM, BUG RATING:- B1 - U0 - G1	Max: 1512cd	
D		2		Lithonia Lighting	DSX1 LED P3 40K 80CRI T2M HS	D-Series Size 1 Area Luminaire P3 Performance Package 4000K CCT 80 CRI Type 2 Medium Houseside Shield		1	DSX1 LED P3 40K 80CRI T2M HS.ies	10831	1	0.95	102.1727	100%	TYPE III, MEDIUM, BUG RATING:- B1 - U0 - G3	Max: 9538cd	
E		6		U.S. ARCHITECTURAL LIGHTING	BSA6-CL-24LED-350mA-40K	6-EXTRUSION VERTICAL POWER ARRAY (VPA).	WHITE LED, 164 RATED LUMENS PER LED AT 350MA;	24	BSA6-CL-24LED--350mA-40K.ies	44	1	0.95	26.4	100%		Max: 198cd	
F		11		Mark Architectural Lighting	SL4L 4 FLP 80CRI 40K 400LMF	Slot 4 LED, 4ft Length, Flushed Lens Position, 80CRI, 4000K LED Boards, 400LMF	LED	1	SL4L 4 FLP 80CRI 40K 400LMF.ies	1293	1	0.95	13.82	100%	DIRECT, SC-0=1.22, SC-90=1.22	Max: 473cd	
G		173		ACOLYTE	CHANNEL	CHAS7MRB90SWMC203.030		1	CHAS7MRB90SWMC203.030.ies	152	1	0.95	4.86	100%		Max: 5%cd	

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	0.4 fc	37.2 fc	0.0 fc	N/A	N/A

ENGINEERING DESIGN BY
MSA
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LaCROSSE NEW ELEMENTARY SCHOOL
SITE LIGHTING CALCULATION

Designer
KS
Date
09/18/2025
Scale
1"=40'-0"
Drawing No.
E0.1
Summary