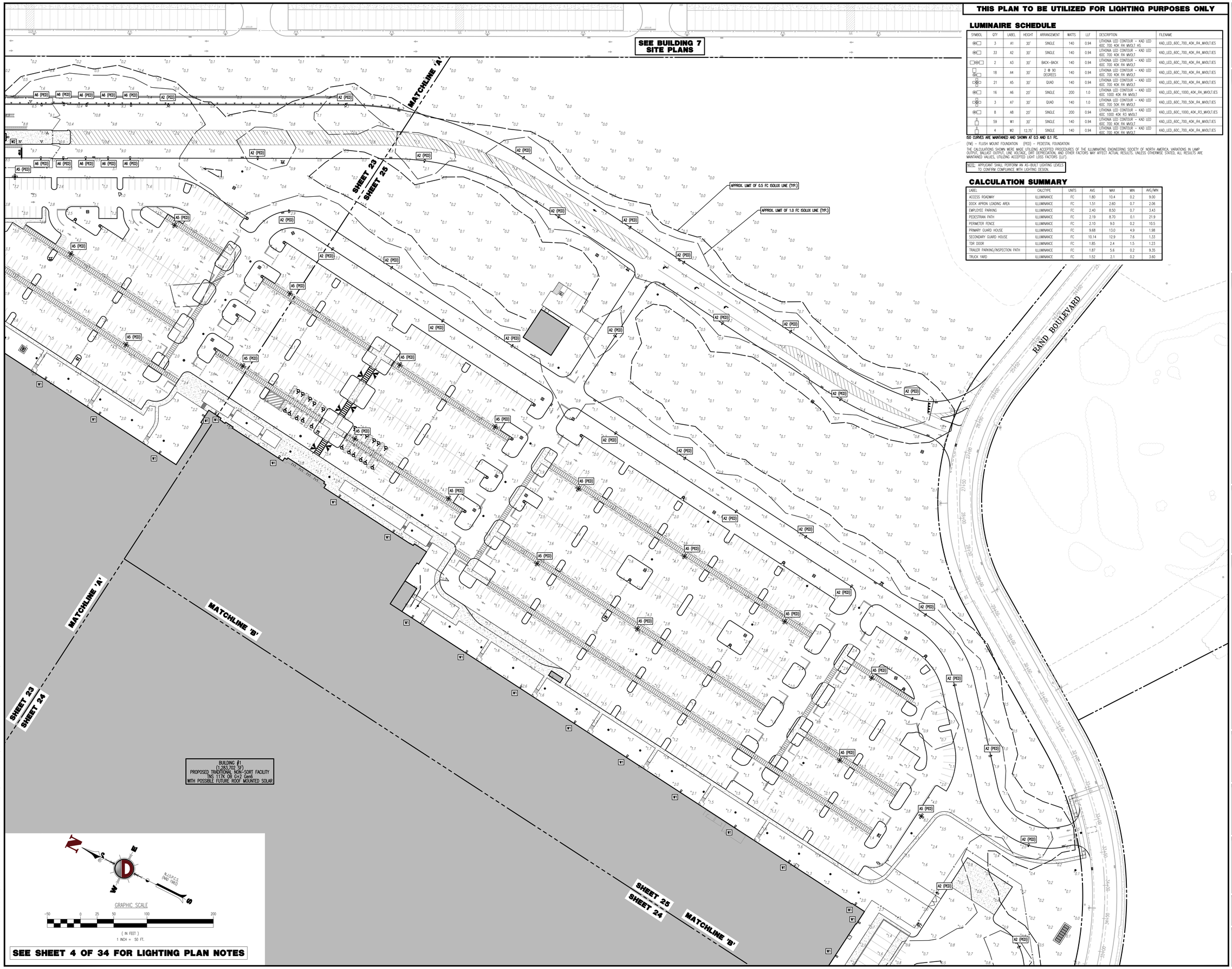

THIS PLAN TO BE UTILIZED FOR LIGHTING PURPOSES ONLY

LUMINAIRE SCHEDULE

SYMBOL	QTY	LABEL	HEIGHT	ARRANGEMENT	WATTS	LLF	DESCRIPTION	FILENAME
	3	A1	30'	SINGLE	140	0.94	LITHONIA LED CONTOUR – KAD LED 60C 700 40K R4 MVOLT HS	KAD_LED_60C_700_40K_R4_MVOLT.IES
	33	A2	30'	SINGLE	140	0.94	LITHONIA LED CONTOUR – KAD LED 60C 700 40K R4 MVOLT	KAD_LED_60C_700_40K_R4_MVOLT.IES
	2	A3	30'	BACK-BACK	140	0.94	LITHONIA LED CONTOUR – KAD LED 60C 700 40K R4 MVOLT	KAD_LED_60C_700_40K_R4_MVOLT.IES
	18	A4	30'	2 @ 90 DEGREES	140	0.94	LITHONIA LED CONTOUR – KAD LED 60C 700 40K R4 MVOLT	KAD_LED_60C_700_40K_R4_MVOLT.IES
	21	A5	30'	QUAD	140	0.94	LITHONIA LED CONTOUR – KAD LED 60C 700 40K R4 MVOLT	KAD_LED_60C_700_40K_R4_MVOLT.IES
	16	A6	20'	SINGLE	200	1.0	LITHONIA LED CONTOUR – KAD LED 60C 1000 40K R4 MVOLT	KAD_LED_60C_1000_40K_R4_MVOLT.IES
	3	A7	30'	QUAD	140	1.0	LITHONIA LED CONTOUR – KAD LED 60C 700 50K R4 MVOLT	KAD_LED_60C_700_50K_R4_MVOLT.IES
	8	A8	20'	SINGLE	200	0.94	LITHONIA LED CONTOUR – KAD LED 60C 1000 40K R3 MVOLT	KAD_LED_60C_1000_40K_R3_MVOLT.IES
	59	W1	30'	SINGLE	140	0.94	LITHONIA LED CONTOUR – KAD LED 60C 700 40K R4 MVOLT	KAD_LED_60C_700_40K_R4_MVOLT.IES
	5	W2	12.75'	SINGLE	140	0.94	LITHONIA LED CONTOUR – KAD LED 60C 700 40K R4 MVOLT	KAD_LED_60C_700_40K_R4_MVOLT.IES

ISO CURVES ARE MAINTAINED AND SHOWN AT 0.5 AND 0.1 FC.

(IN) – FLUSH MOUNT FOUNDATION (PED) – PEDESTAL FOUNDATION

THE CALCULATIONS SHOWN WERE MADE UTILIZING ACCEPTED PROCEDURES OF THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA. VARIATIONS IN LAMP OUTPUT, BALLAST OUTPUT, LINE VOLTAGE, DIRT DEPRECIATION, AND OTHER FACTORS MAY AFFECT ACTUAL RESULTS. UNLESS OTHERWISE STATED, ALL RESULTS ARE MAINTAINED VALUES, UTILIZING ACCEPTED LIGHT LOSS FACTORS (LLF).

NOTE: APPLICANT SHALL PERFORM AN AS-BUILT LIGHTING LEVELS TO CONFIRM COMPLIANCE WITH LIGHTING DESIGN.

CALCULATION SUMMARY

LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	AVG/MIN
ACCESS ROADWAY	ILLUMINANCE	FC	1.80	10.4	0.2	9.00
DOCK APRON LOADING AREA	ILLUMINANCE	FC	1.51	2.60	0.7	2.06
EMPLOYEE PARKING	ILLUMINANCE	FC	2.40	8.50	0.7	3.43
PEDESTRIAN PATH	ILLUMINANCE	FC	2.19	8.70	0.1	21.9
PERIMETER FENCE	ILLUMINANCE	FC	2.10	9.0	0.2	10.5
PRIMARY GUARD HOUSE	ILLUMINANCE	FC	9.68	13.0	4.9	1.98
SECONDARY GUARD HOUSE	ILLUMINANCE	FC	10.14	12.9	7.6	1.33
TDR DOOR	ILLUMINANCE	FC	1.85	2.4	1.5	1.23
TRAILER PARKING/INSPECTION PATH	ILLUMINANCE	FC	1.87	5.6	0.2	9.35
TRUCK YARD	ILLUMINANCE	FC	1.52	2.1	0.2	3.60

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REV.	DATE	COMMENTS	BY

THIS PLAN SET IS FOR PERMITTING PURPOSES ONLY AND MAY NOT BE USED FOR CONSTRUCTION

DRAWN BY: RRR | DESIGNED BY: WB | CHECKED BY: | APPROVED BY:

PROJECT: **PR BRIDGE 178 PHASE II OWNER URBAN RENEWAL, LLC**
PROPOSED BRIDGE POINT 78
TOWN OF PHILLIPSBURG & TOWNSHIP OF LOPATCONG
WARREN COUNTY, NEW JERSEY

BRIDGE

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TITLE:
BUILDING #1 LIGHTING PLAN 'C'

SCALE: (H) 1"=50' (V) | DATE: 06/09/2021
PROJECT No: 1313-99-026

SHEET No: 25 OF 34 | Rev. #: 0

Plotted: 06/09/21 – 8:35 PM By: jjordas
File: P:\DEPC PROJECTS\1313 Bridge Development Partners, LLC\99-026 Phillipsburg– Rand Blvd\Dwg\Site Plans Amended\D1313399026SXI.dwg, ---> 25 BUILDING #1 LIGHTING PLAN 'C'

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