



LIGHTING ORDINANCE COMPLIANCE CHART (WEST WINDSOR, NJ)

ORDINANCE SECTION	ORDINANCE REQUIREMENT	REQUIRED/PROPOSED	COMPLIANCE
200-31 LIGHTING	B. The maximum height of freestanding lights shall be the same as the principal building, but not exceeding 25 feet.	Proposed: Light fixtures mounted at 25 ft. max. height	COMPLIES
	K. The following intensity in footcandles shall be provided: (1) Parking lots: minimum not to exceed 0.5 fc (per 01/27/22 correspondence with West Windsor Township) (2) Intersections: 3.0 footcandles. (3) Maximum at property lines: 1.0 footcandles.	Proposed: 0.5 footcandle average throughout site, 3.0 footcandle minimum at intersections, and 1.0 footcandle maximum at property lines.	COMPLIES

SITE LIGHTING STATISTICS

DESCRIPTION	Avg. (FC)	Max. (FC)	Min. (FC)	Avg./Min.	Max./Min.
Property Line	0.0 fc	0.5 fc	0.0 fc	N.A.	N.A.
Intersections	3.0 fc	8.6 fc	0.6 fc	5.0:1	14.3:1
Overall Driveway	2.5 fc	7.9 fc	0.5 fc	5.0:1	15.8:1
Overall Sidewalk	2.2 fc	8.8 fc	0.5 fc	4.4:1	17.6:1
Building A1					
Driveway	2.6 fc	8.8 fc	0.5 fc	5.2:1	17.6:1
Pasenger Parking	1.5 fc	3.5 fc	0.5 fc	2.6:1	7.0:1
Sidewalk	2.2 fc	4.1 fc	0.6 fc	3.7:1	6.8:1
Truck Court	2.2 fc	10.0 fc	0.5 fc	4.4:1	20.0:1
Building B1					
Driveway	2.5 fc	8.6 fc	0.5 fc	5.0:1	17.2:1
Pasenger Parking	1.2 fc	3.5 fc	0.5 fc	2.4:1	7.0:1
Sidewalk	1.6 fc	3.6 fc	0.7 fc	2.3:1	5.1:1
Truck Court	2.2 fc	9.3 fc	0.5 fc	4.4:1	18.6:1
Building B2-1					
Pasenger Parking	1.3 fc	6.5 fc	0.5 fc	2.6:1	13.0:1
Sidewalk	1.8 fc	5.1 fc	0.7 fc	2.6:1	7.3:1
Truck Court	2.3 fc	9.5 fc	0.5 fc	4.6:1	19.0:1
Building B2-2					
Pasenger Parking	1.2 fc	3.5 fc	0.5 fc	2.4:1	7.0:1
Sidewalk	1.7 fc	3.9 fc	0.6 fc	2.9:1	6.5:1
Truck Court	2.4 fc	9.1 fc	0.5 fc	4.7:1	18.2:1
Building C1					
Pasenger Parking	1.3 fc	3.1 fc	0.5 fc	2.6:1	6.1:1
Sidewalk	1.7 fc	3.7 fc	0.9 fc	1.8:1	4.1:1
Truck Court	2.3 fc	9.6 fc	0.5 fc	4.6:1	19.2:1
Building D1					
Driveway	2.8 fc	8.5 fc	0.5 fc	5.6:1	17.0:1
Pasenger Parking	1.4 fc	4.6 fc	0.5 fc	2.8:1	9.2:1
Sidewalk	1.2 fc	2.5 fc	0.5 fc	2.4:1	5.0:1
Truck Court	2.2 fc	9.5 fc	0.5 fc	4.4:1	19.0:1
Building E1					
Driveway	2.4 fc	7.4 fc	0.5 fc	4.8:1	14.8:1
Pasenger Parking	1.6 fc	8.0 fc	0.5 fc	3.2:1	16.0:1
Sidewalk	0.9 fc	1.1 fc	0.6 fc	1.4:1	1.8:1
Truck Court	2.3 fc	9.5 fc	0.5 fc	4.7:1	19.0:1

2/15/2022	Revised per Township Comments	2
12/3/2021	Completeness Revisions 1	1
Date	Description	No.

REVISIONS

SIGNATURE JAYNE O. SPECTOR DATE SIGNED
LANDSCAPE ARCHITECT NJ Lic. No.
21AS00045700

LANGAN
Langan Engineering and
Environmental Services, Inc.
989 Lenox Drive, Suite 124
Lawrenceville, NJ 08648

T: 609.282.8000 F: 609.282.8001 www.langan.com
NJ CERTIFICATE OF AUTHORIZATION No. 24G3798600

Project

**BRIDGE POINT 8
INDUSTRIAL PARK**
WEST WINDSOR TOWNSHIP

MERCER COUNTY NEW JERSEY

Drawing Title

**OVERALL
LIGHTING
PLAN**

Project No. 130172801 Drawing No.

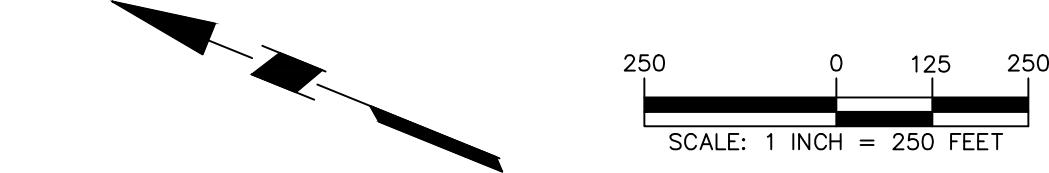
Date 12/03/2021 Drawn By JC

Checked By APJS

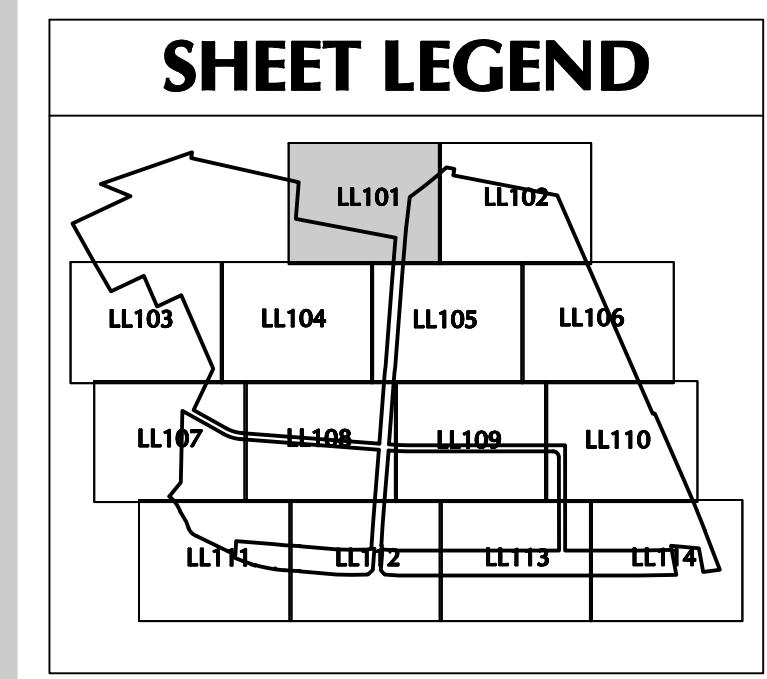
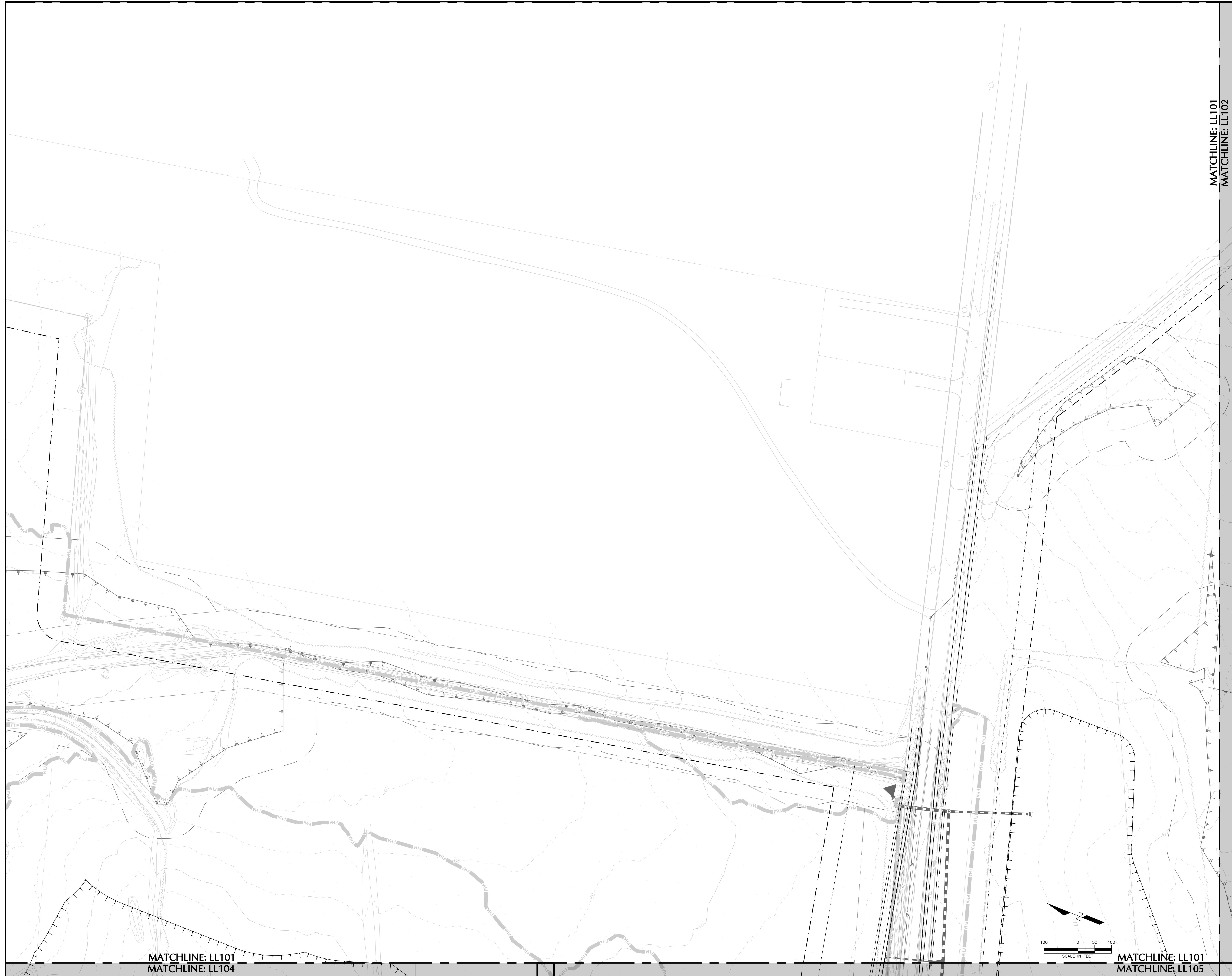
LL100

SITE LIGHTING SCHEDULE																
SYMBOL	KEY	QTY.	Fixture Mfr.	Fixture Model	Fixture Description	Fixture Mounting Height	Lamp	Optics	Lumens	LLF	Color Temp.	Fixture Catalogue No.	Pole Mfr.	Pole Description	Pole Length	Pole Catalogue No.
	A	27	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	BACKLIGHT CONTROL	15,537	0.9	4000K	DSX2-LED-P1-40K-BLC-MVOLT	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	25'	RSS-25-4B-DM19-DBLXD
	B	69	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	TYPE I SHORT	16,326	0.9	4000K	DSX2-LED-P1-40K-T1S-MVOLT-HS	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	25'	RSS-25-4B-DM19-DBLXD
	C	8	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	FORWARD THROW MEDIUM	14,797	0.9	4000K	DSX2-LED-P1-40K-TFTM-MVOLT-HS	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	25'	RSS-25-4B-DM19-DBLXD
	D	4	LITHONIA	DSX2	WALL MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	TYPE IV MEDIUM	27,656	0.9	4000K	DSX2-LED-P3-40K-T4M-MVOLT	LITHONIA	N.A.	-	-
	E	8	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	TYPE V SHORT	29,409	0.9	4000K	DSX2-LED-P3-40K-T5S-MVOLT	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	25'	RSS-25-4B-DM19-DBLXD
	F	45	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	TYPE II MEDIUM	37,868	0.9	4000K	DSX2-LED-P5-40K-T2M-MVOLT	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	25'	RSS-25-4B-DM19-DBLXD
	G	6	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	TYPE V WIDE	50,723	0.9	4000K	DSX2-LED-P6-40K-T5W-MVOLT	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	22'	RSS-22-4B-DM19-DBLXD
	H	69	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	FORWARD THROW MEDIUM	49,181	0.9	4000K	DSX2-LED-P6-40K-TFTM-MVOLT	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	25'	RSS-25-4B-DM19-DBLXD
	H1	86	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	FORWARD THROW MEDIUM	49,181	0.9	4000K	DSX2-LED-P8-40K-TFTM-MVOLT	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	22'	RSS-22-4B-DM19-DBLXD
	I	103	LITHONIA	DSX2	WALL MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	FORWARD THROW MEDIUM	49,181	0.9	4000K	DSX2-LED-P8-40K-TFTM-MVOLT	LITHONIA	N.A.	-	-
	J	5	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	TYPE IV MEDIUM	37,364	0.9	4000K	DSX2-LED-PE-40K-T4M-MVOLT-HS	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	25'	RSS-25-4B-DM19-DBLXD
	K	13	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	TYPE II MEDIUM	23,103	0.9	4000K	DSX2-LED-P3-40K-T2M-MVOLT-HS	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	25'	RSS-25-4B-DM19-DBLXD
	L	13	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	TYPE IV MEDIUM	14,397	0.9	4000K	DSX2-LED-P1-40K-T4M-MVOLT-HS	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	25'	RSS-25-4B-DM19-DBLXD
	L1	35	LITHONIA	DSX2	WALL MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	TYPE IV MEDIUM	18,551	0.9	4000K	DSX2-LED-P1-40K-T4M-MVOLT	LITHONIA	N.A.	-	-
	M	26	LITHONIA	DSX2	POLE MOUNTED SINGLE AREA LIGHT FIXTURE; COLOR - BLACK	25'	LED	TYPE V WIDE	29,139	0.9	4000K	DSX2-LED-P3-40K-T5W-MVOLT	LITHONIA	ROUND STRAIGHT STEEL; COLOR - BLACK	22'	RSS-22-4B-DM19-DBLXD

NOTES:
1. ELECTRICAL ENGINEER TO PROVIDE SPECIFICATIONS FOR AUTOMATIC LIGHTING CONTROLS, TIME CLOCK, MOTION SENSORS AND POWER REDUCING CONTROLS THAT CAN BE SET TO MEET CLIENT AND JURISDICTIONAL REQUIREMENTS
2. NOTE THAT IN SOME CASES, FIXTURES WITH TWO DIFFERENT OPTICS ARE PLACED ON ONE POLE. POLE COUNT SHOULD BE DERIVED FROM PLANS, NOT FIXTURE COUNT



Filename: C:\cms\langan-pw-01\dmx\93254130172801\LP101-014.dwg Date: 2/14/2022 Time: 16:56 User: jonsoda Style Table: Langan.stb Layout: LL100



MATCHLINE: LL101

MATCHLINE: LL102

2/15/2022	Revised per Township Comments	2
12/3/2021	Completeness Revisions 1	1
Date	Description	No.

REVISIONS

SIGNATURE JAYNE O. SPECTOR DATE SIGNED
LANDSCAPE ARCHITECT NJ Lic. No.
21AS00045700

LANGAN

Langan Engineering and
Environmental Services, Inc.
998 Lenox Drive, Suite 124
Lawrenceville, NJ 08648

T: 609.282.8000 F: 609.282.8001 www.langan.com
NJ CERTIFICATE OF AUTHORIZATION No. 24GA37986405

Project

BRIDGE POINT 8 INDUSTRIAL PARK

WEST WINDSOR TOWNSHIP

MERCER COUNTY NEW JERSEY

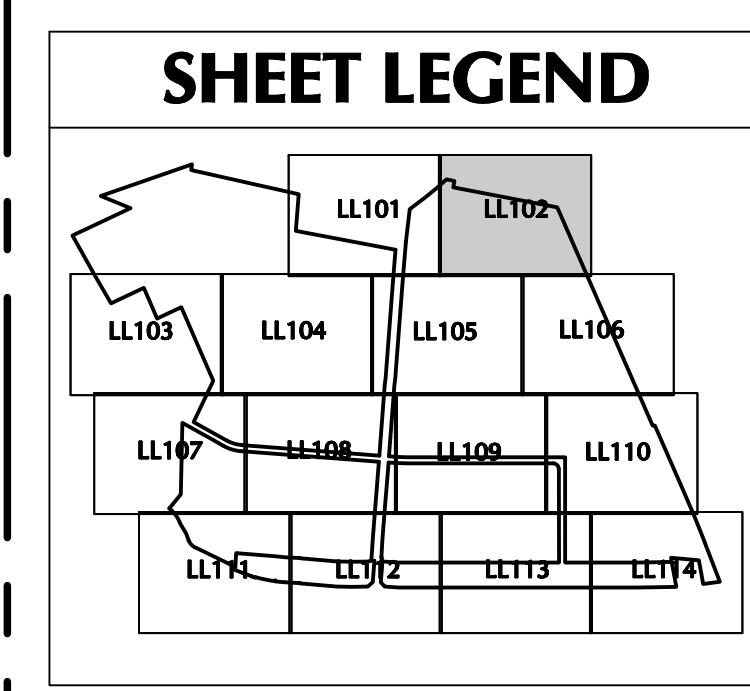

SITE LIGHTING PLAN I

Project No.	Drawing No.
130172801	

Date 12/03/2021
Drawn By JC
Checked By APJS

XX XX

MATCHLINE: LL101
MATCHLINE: LL105

MATCHLINE: LL101
MATCHLINE: LL102MATCHLINE: LL102
MATCHLINE: LL105



Date	Description	No.
2/15/2022	Revised per Township Comments	2
12/3/2021	Completeness Revisions 1	1

REVISIONS

SIGNATURE JAYNE O. SPECTOR DATE SIGNED
LANDSCAPE ARCHITECT NJ Lic. No.
21AS00045700

LANGAN

Langan Engineering and
Environmental Services, Inc.
989 Lenox Drive, Suite 124
Atlanta, Georgia 30339

T: 609.282.8000 F: 609.282.8001 www.langan.com
NJCERTIFICATE OF AUTHORIZATION No. 24CA27096400


BRIDGE POINT 8 INDUSTRIAL PARK


WEST WINDSOR TOWNSHIP

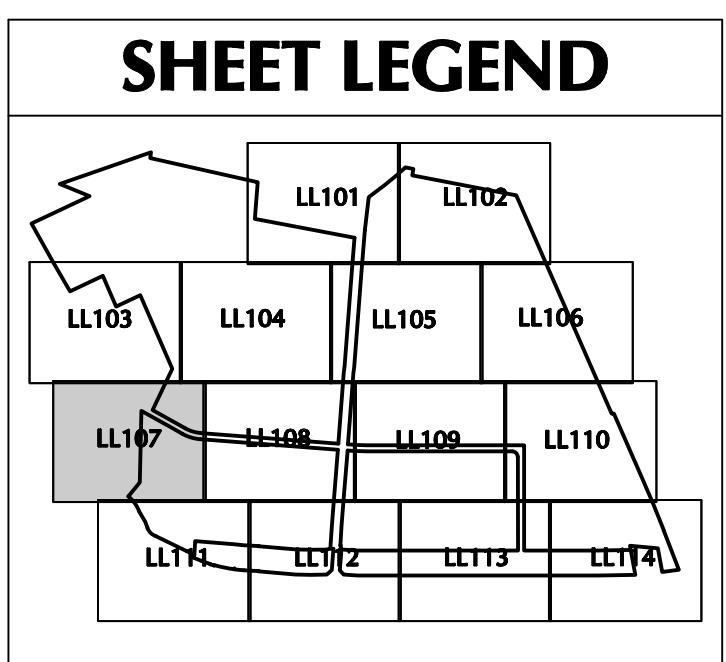
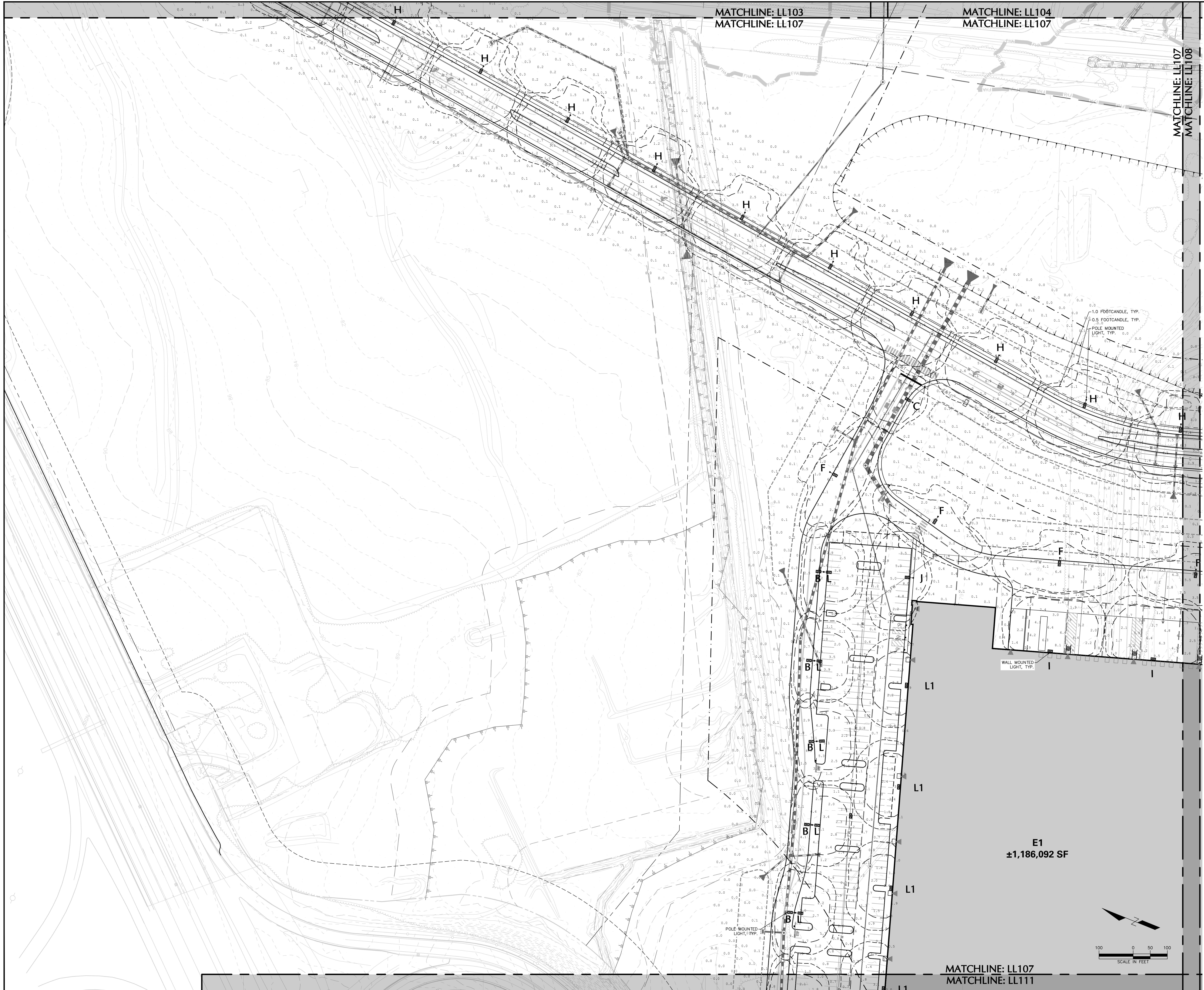
SITE LIGHTING PLAN III

Project No.	Drawing No.
130172801	
Date	
12/03/2021	
Drawn By	LL103
JC	
Checked By	
AP/JS	XX XX









2/15/2022	Revised per Township Comments	2
12/3/2021	Completeness Revisions 1	1
Date	Description	No.

SIGNATURE JAYNE O. SPECTOR DATE SIGNED
LANDSCAPE ARCHITECT NJ Lic. No.
21AS00045700

LANGAN

Langan Engineering and
Environmental Services, Inc.
998 Lenox Drive, Suite 124
Lawrenceville, NJ 08648

T: 609.282.8000 F: 609.282.8001 www.langan.com

NJ CERTIFICATE OF AUTHORIZATION No. 24GA23996405

Project

BRIDGE POINT 8 INDUSTRIAL PARK

WEST WINDSOR TOWNSHIP

MERCER COUNTY NEW JERSEY

SITE LIGHTING PLAN VII

Project No. 130172801 Drawing No.


Date 12/03/2021

Drawn By JC


Checked By APJS


XX XX

LL107



PROJECT NO. 130172801



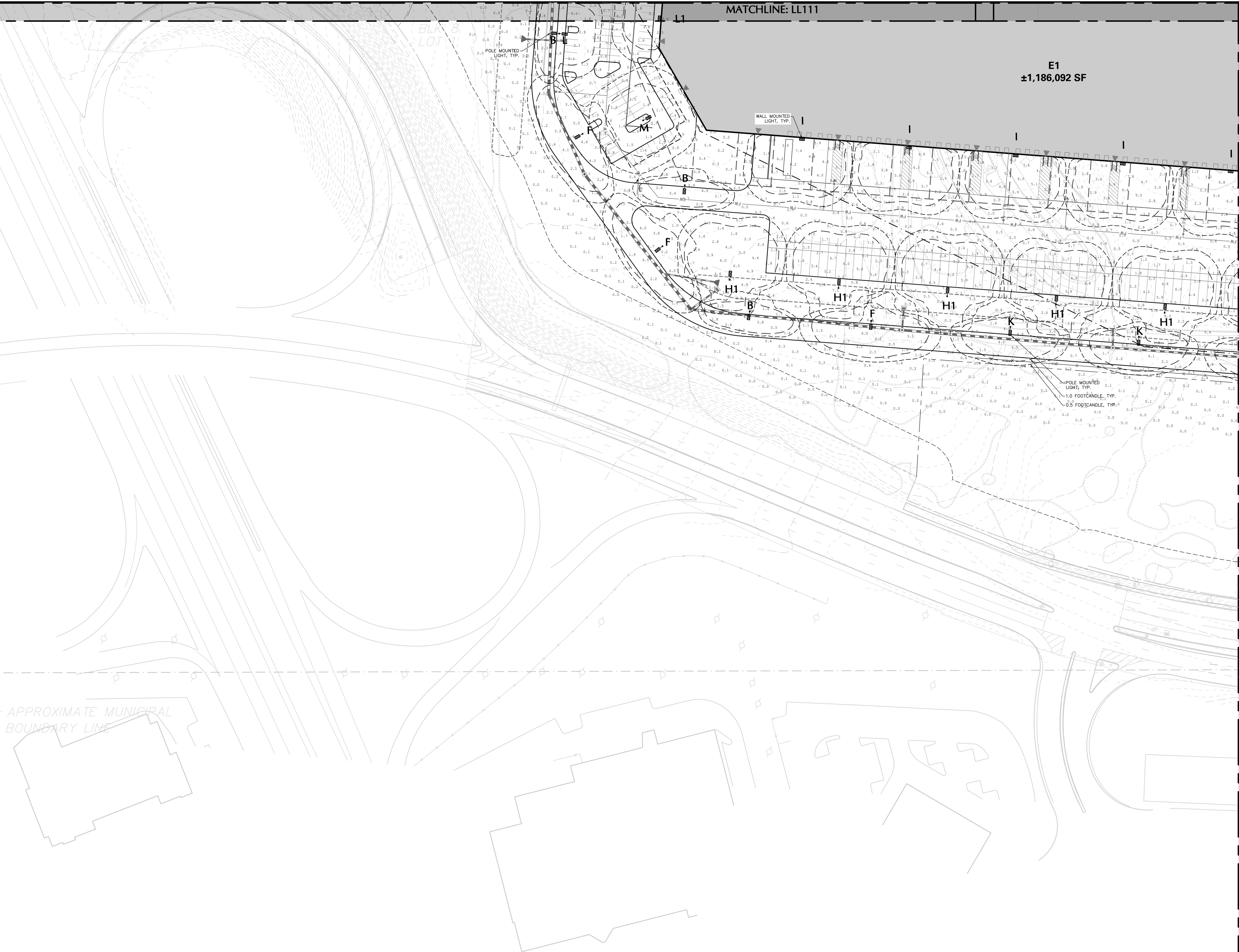
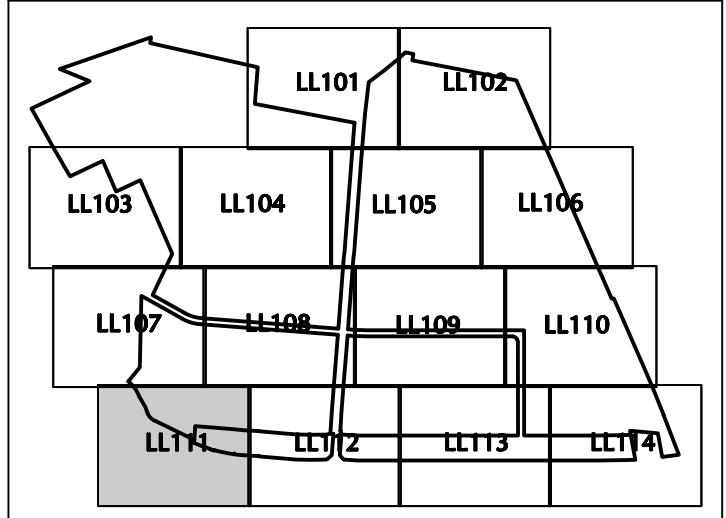


PROJECT NO. 130172801

MATCHLINE: LL11

E1
 $\pm 1,186,092 \text{ SF}$

MATCHLINE: LL111

SHEET LEGEND

2/15/2022	Revised per Township Comments	2
12/3/2021	Completeness Revisions 1	1
Date	Description	No.

REVISIONS

SIGNATURE JAYNE O. SPECTOR DATE SIGNED
 LANDSCAPE ARCHITECT NJ Lic. No.
 21AS00045700

LANGAN

Langan Engineering and
 Environmental Services, Inc.
 998 Lenox Drive, Suite 124
 Lawrenceville, NJ 08648

T: 609.282.8000 F: 609.282.8001 www.langan.com
 NJ CERTIFICATE OF AUTHORIZATION No. 24GA37986400

Project

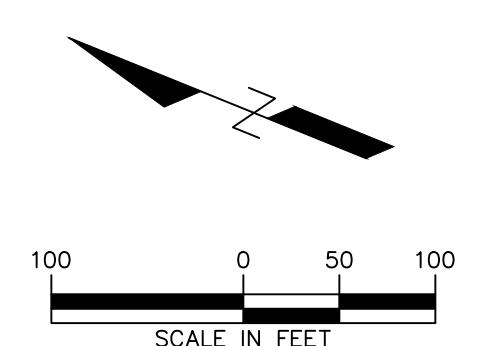
**BRIDGE POINT 8
INDUSTRIAL PARK**


WEST WINDSOR TOWNSHIP


MERCER COUNTY NEW JERSEY
 Drawing Title

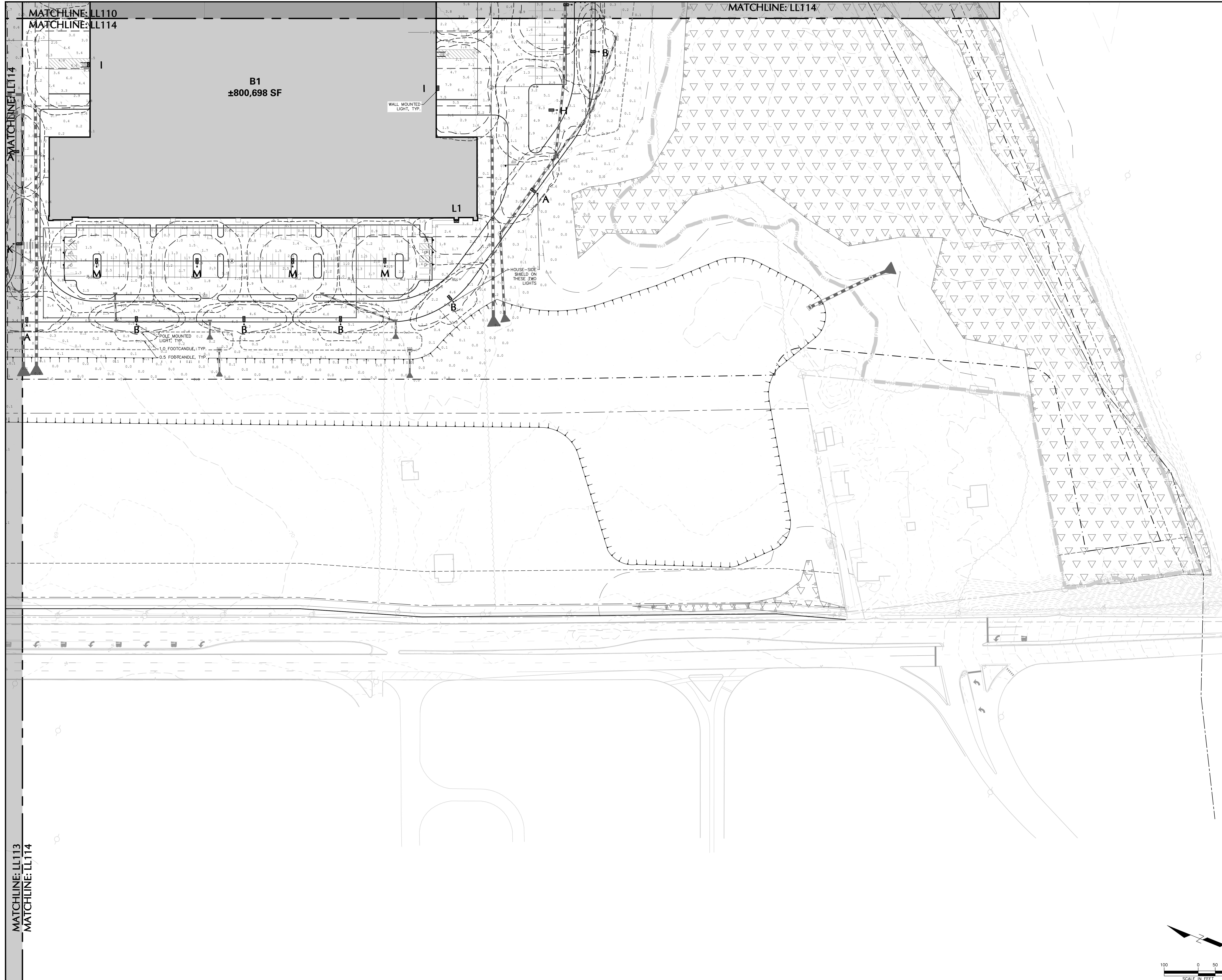
**SITE LIGHTING
PLAN XI**

Project No.	Drawing No.
130172801	
Date	
12/03/2021	
Drawn By	
JC	
Checked By	
APJS	
XX	XX









The diagram illustrates a sheet legend with a grid of 13 labeled areas (LL101-LL114) and a shaded area. The areas are defined by black outlines:

- LL101: Top-left corner.
- LL102: Top-right corner.
- LL103: Middle-left column.
- LL104: Middle-center column.
- LL105: Middle-right column.
- LL106: Far-right column.
- LL107: Bottom-left column.
- LL108: Middle-bottom row.
- LL109: Far-right bottom row.
- LL110: Far-right bottom row.
- LL111: Bottom-left corner.
- LL112: Bottom-middle column.
- LL113: Bottom-right column.
- LL114: Far-right bottom corner.

A shaded gray area covers the bottom-right portion of the grid, specifically covering LL111, LL112, LL113, and LL114.

SOCIETY FOR POLYMER SCIENCE

Date	Description	No.
2/15/2022	Revised per Township Comments	2
12/3/2021	Completeness Revisions 1	1

SIGNATURE JAYNE O. SPECTOR DATE SIGNED
LANDSCAPE ARCHITECT NJ Lic. No.

21AS00045700

Lawrenceville, NJ 08648

BRIDGE POINT 8 INDUSTRIAL PARK

WEST WINDSOR TOWNSHIP

SITE LIGHTING PLAN XIV

Project No.	Drawing No.
130172801	
Date	
12/03/2021	
Drawn By	
JC	
Checked By	
AP/JS	XX XX

-L114

