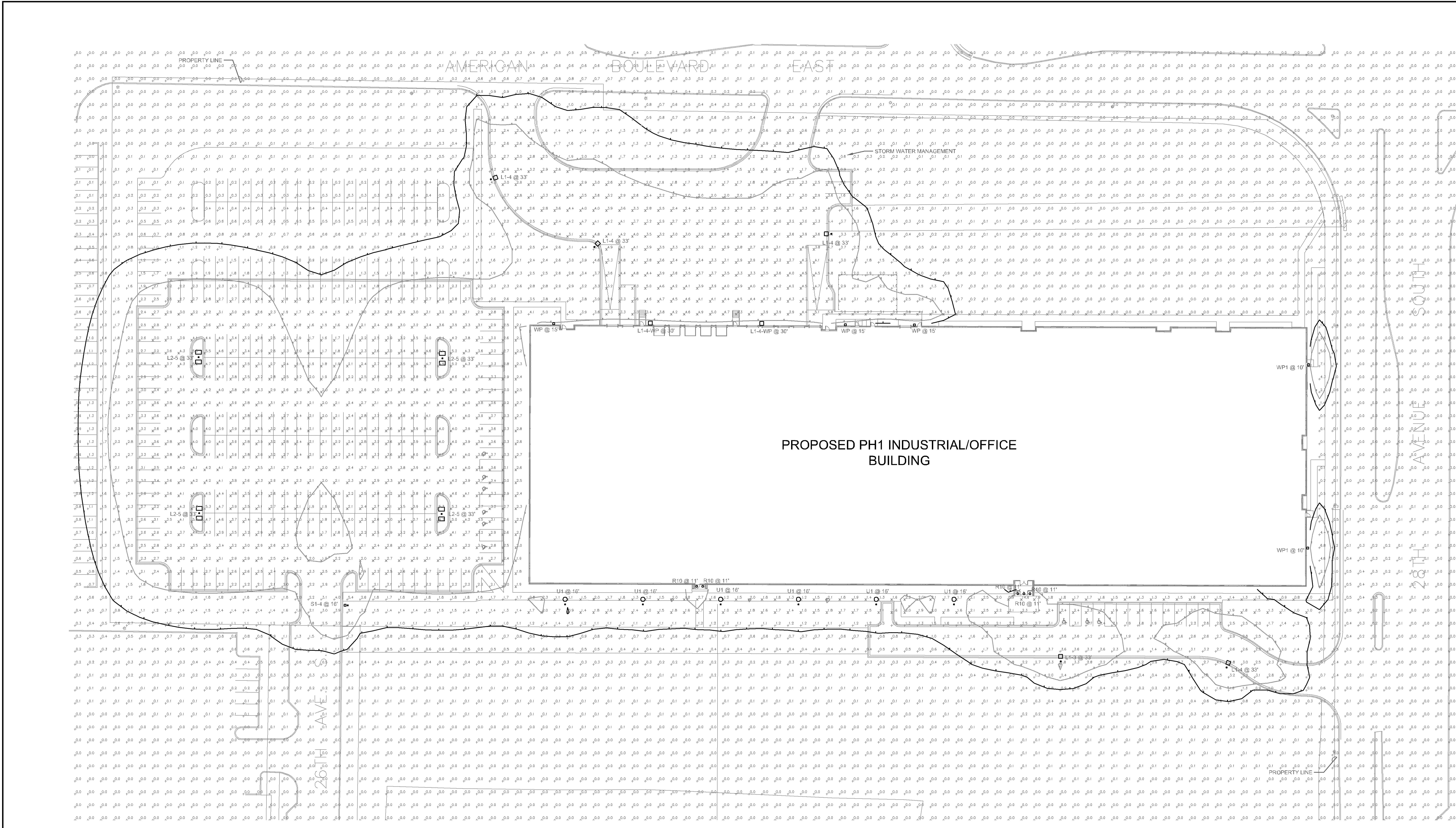




1 SITE PLAN - PHOTOMETRICS INITIAL
SCALE: 1" = 30'

GENERAL NOTES:
A. PROVIDE TIME CLOCK FOR DUSK TO DAWN CONTROL.

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc. Zone #1	+	0.8 fc	14.6 fc	0.0 fc	N/A	N/A
North Truck Entrance & Loading Dock	X	3.2 fc	5.8 fc	0.5 fc	11.6:1	6.4:1
Northeast Building Sidewalk	X	1.1 fc	5.8 fc	0.0 fc	N/A	N/A
South Building Sidewalk	X	1.8 fc	14.6 fc	0.8 fc	18.3:1	2.3:1
West Building Sidewalk	X	2.6 fc	3.3 fc	1.8 fc	1.8:1	1.4:1
West Parking Lot	X	3.2 fc	5.5 fc	1.3 fc	4.2:1	2.9:1

Schedule												
Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Filename	Lumen Luminaire	Lumen Multiplier	LLF	Wattage
	L1-3	1	COOPER LIGHTING	GLEON-S44C-740-U-13	GALEON AREA AND ROADWAY LUMINAIRE (4) 70 CRI, 4000K, 1500mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III OPTICS		64	GLEON-S44C-740-U-13.tes	446	1	1	225
	L1-4	4	COOPER LIGHTING	GLEON-S44C-740-U-14T	GALEON AREA AND ROADWAY LUMINAIRE (4) 70 CRI, 4000K, 1500mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV FORWARD THROW OPTICS		64	GLEON-S44C-740-U-14T.tes	446	1	1	225
	L2-5	4	COOPER LIGHTING	GLEON-S44C-740-U-5WQ	GALEON AREA AND ROADWAY LUMINAIRE (5) 70 CRI, 4000K, 1500mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V WIDE OPTICS		80	GLEON-S44C-740-U-5WQ.tes	466	1	1	558
	L1-4-WP	2	COOPER LIGHTING	GLEON-S44C-740-U-14T	GALEON AREA AND ROADWAY LUMINAIRE (4) 70 CRI, 4000K, 1500mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV FORWARD THROW OPTICS		64	GLEON-S44C-740-U-14T.tes	446	1	1	225
	R10	5	COOPER LIGHTING	H06100010-HM612840-61WDC	HALO COMMERCIAL, 6" ROUND, NEW CONSTRUCTION FRAME, WITH 6" WIDE DISTRIBUTION, SPECULAR TRIM	(1) HIGH LUMEN LED 80CRI / 4000K CCT	1	H06100010-HM612840-61WDC.tes	1118	1	1	10
	S1-4	1	COOPER LIGHTING	GPC-S41C-740-U-T4FT	GALEON PEDESTAL LUMINAIRE (1) 70 CRI, 4000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV FORWARD THROW OPTICS		16	GPC-S41C-740-U-T4FT.tes	475	1	1	59
	WP	3	COOPER LIGHTING	GWC-S41D-740-U-T4FT	GALEON WALL LUMINAIRE (1) 70 CRI, 4000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV FORWARD THROW OPTICS		16	GWC-S41D-740-U-T4FT.tes	521	1	1	67
	WP1	2	COOPER LIGHTING	GWC-S41B-740-U-T2	GALEON WALL LUMINAIRE (1) 70 CRI, 4000K, 1200mA LIGHTSQUARE WITH 16 LEDS AND TYPE II OPTICS		16	GWC-S41B-740-U-T2.tes	374	1	1	44
	U1	6	COOPER LIGHTING	TT-C4-LED-E1-RW-PW-7050	TOPPER LED AREA/SITE LUMINAIRE RECTANGULAR DISTRIBUTION	(160) 5000K CCT, 0% CRI LEDS	160	TT-C4-LED-E1-RW-PW-7050.tes	37	1	1	58

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I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

PRINT NAME: BRIAN SCOTT BINKLEY

SIGNATURE: *Brian Scott Binkley*
DATE: 3/3/2021 LIC. NO. 45881

SICK - CAMPUS USA

PHASE 1

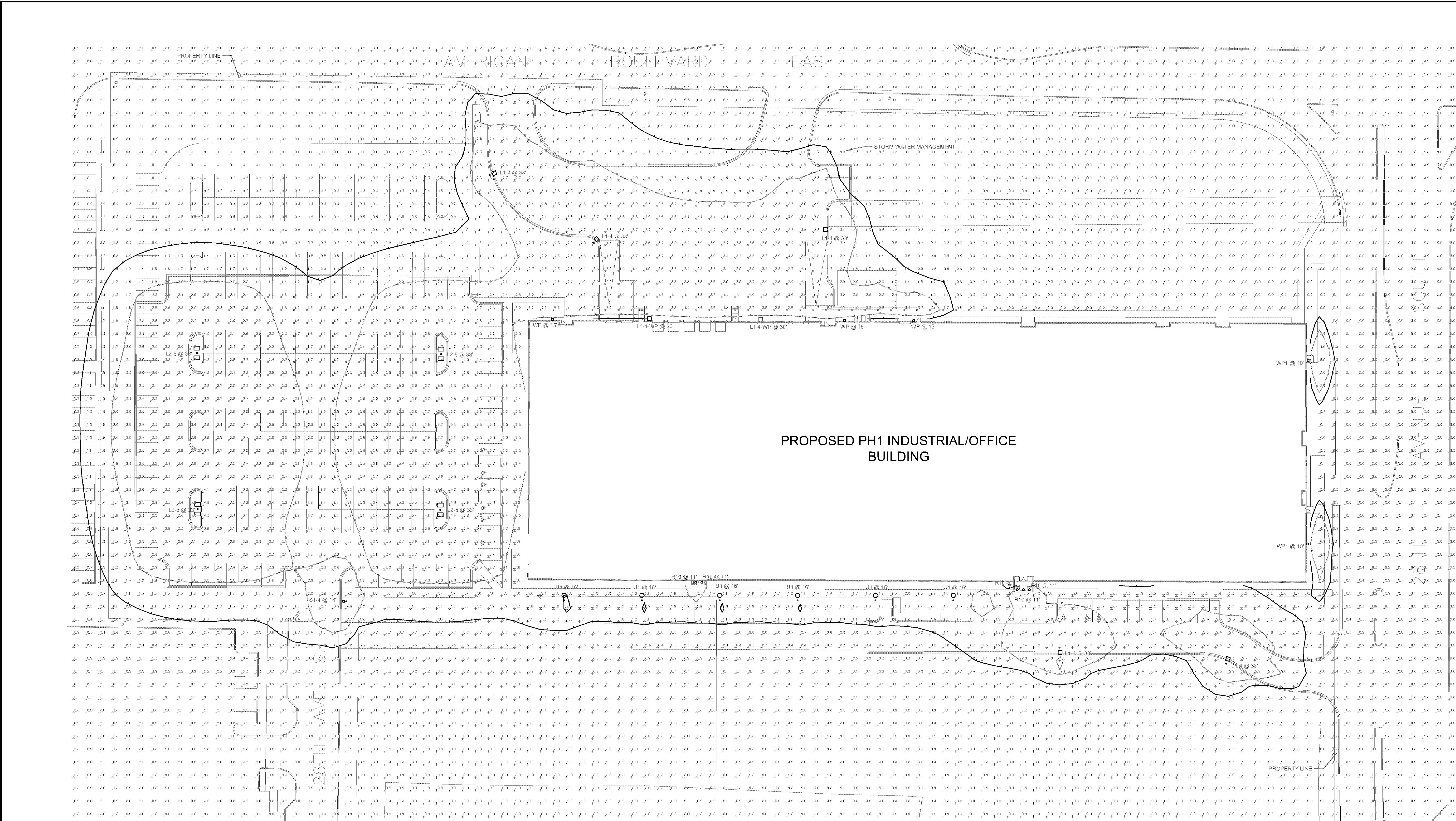
BLOOMINGTON, MINNESOTA

ISSUED FOR:
DRC SUBMITTAL 03/03/2021

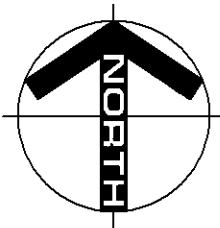
DRAWN BY: SAS
CHECKED BY: BB/JE
PROJECT NO: 7122002
SHEET TITLE:
SITE PLAN -
PHOTOMETRICS
INITIAL

SHEET NUMBER:

E051



1 SITE PLAN - PHOTOMETRICS MAINTAINED
SCALE: 1" = 30'



GENERAL NOTES:
A. PROVIDE TIME CLOCK FOR DUSK TO DAWN CONTROL.

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #1	+	0.7 fc	13.3 fc	0.0 fc	N/A	N/A
North Truck Entrance & Loading Dock	X	2.9 fc	5.3 fc	0.5 fc	10.6:1	5.8:1
Northeast Building Sidewalk	X	1.0 fc	5.3 fc	0.0 fc	N/A	N/A
South Building Sidewalk	X	1.7 fc	13.3 fc	0.7 fc	19.0:1	2.4:1
West Building Sidewalk	X	2.4 fc	3.0 fc	1.6 fc	1.9:1	1.5:1
West Parking Lot	X	2.9 fc	5.0 fc	1.1 fc	4.5:1	2.6:1

Schedule	Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lumens	Filename	Lumens per Lamp	Lumen Multiplier	LLF	Wattage
☐	L1-3	1	COOPER LIGHTING	GLEON-SA4C-740-U-T3		GALLEON AREA AND ROADWAY LUMINAIRE (4) 70 CR, 4000K, 1200W/LIGHTSQUARES WITH 18 LEDS EACH AND TYPE III FORWARD THROW OPTICS		64	GLEON-SA4C-740-U-T3.les	446	1	0.91	225
☐	L1-4	4	COOPER LIGHTING	GLEON-SA4C-740-U-T4FT		GALLEON AREA AND ROADWAY LUMINAIRE (4) 70 CR, 4000K, 1200W/LIGHTSQUARES WITH 18 LEDS EACH AND TYPE IV FORWARD THROW OPTICS		64	GLEON-SA4C-740-U-T4FT.les	449	1	0.91	225
☐	L2-5	4	COOPER LIGHTING	GLEON-SA5C-740-U-SW2		GALLEON AREA AND ROADWAY LUMINAIRE (5) 70 CR, 4000K, 1200W/LIGHTSQUARES WITH 18 LEDS EACH AND TYPE V WIDE OPTICS		80	GLEON-SA5C-740-U-SW2.les	466	1	0.91	508
☐	L1-4-WP	2	COOPER LIGHTING	GLEON-SA4C-740-U-T4FT		GALLEON AREA AND ROADWAY LUMINAIRE (4) 70 CR, 4000K, 1200W/LIGHTSQUARES WITH 18 LEDS EACH AND TYPE IV FORWARD THROW OPTICS		64	GLEON-SA4C-740-U-T4FT.les	449	1	0.91	225
○	R10	5	COOPER LIGHTING (HALO)	HCB100010-HMB12B40-61WOC		HALO COMMERCIAL, 6" ROUND, NEW CONSTRUCTION FRAME WITH 8" WIDE DISTRIBUTION, SPECULAR TRIM	(1) HIGH LUMEN LED 8000+ 4000K CCT	1	HCB100010-HMB12B40-61WOC.les	1118	1	0.91	10
☐	S1-4	1	COOPER LIGHTING	OPC-SA1C-740-U-T4FT		GALLEON PEDESTRIAN LUMINAIRE (1) 70 CR, 4000K, 1200W/LIGHTSQUARES WITH 18 LEDS AND TYPE IV FORWARD THROW OPTICS		16	OPC-SA1C-740-U-T4FT.les	475	1	0.91	59
☐	WP	3	COOPER LIGHTING	OWC-SA10-740-U-T4FT		GALLEON WALL LUMINAIRE (3) 70 CR, 4000K, 1200W/LIGHTSQUARES WITH 18 LEDS EACH AND TYPE IV FORWARD THROW OPTICS		16	OWC-SA10-740-U-T4FT.les	521	1	0.91	67
☐	WP1	2	COOPER LIGHTING	OWC-SA1B-740-U-T2		GALLEON WALL LUMINAIRE (1) 70 CR, 4000K, 1200W/LIGHTSQUARES WITH 18 LEDS AND TYPE II OPTICS		16	OWC-SA1B-740-U-T2.les	374	1	0.91	44
⦿	U1	6	COOPER LIGHTING	TT-C4-LED-E1-RW-PN-7050		TOPPED LED AREA/POLE LUMINAIRE RECTANGULAR DISTRIBUTION	(180) 5000K CCT, 70 CR LEDS	180	TT-C4-LED-E1-RW-PN-7050.les	37	1	0.91	58

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SIGNATURE: *Brian Scott Binkley*
DATE: 3/3/2021 LIC. NO. 45881

SICK - CAMPUS USA

PHASE 1

BLOOMINGTON, MINNESOTA

ISSUED FOR:
DRC SUBMITTAL 03/03/2021

DRAWN BY: SAS
CHECKED BY: BB/JE
PROJECT NO: 7122002
SHEET TITLE:
SITE PLAN -
PHOTOMETRICS
MAINTAINED

SHEET NUMBER:

E052