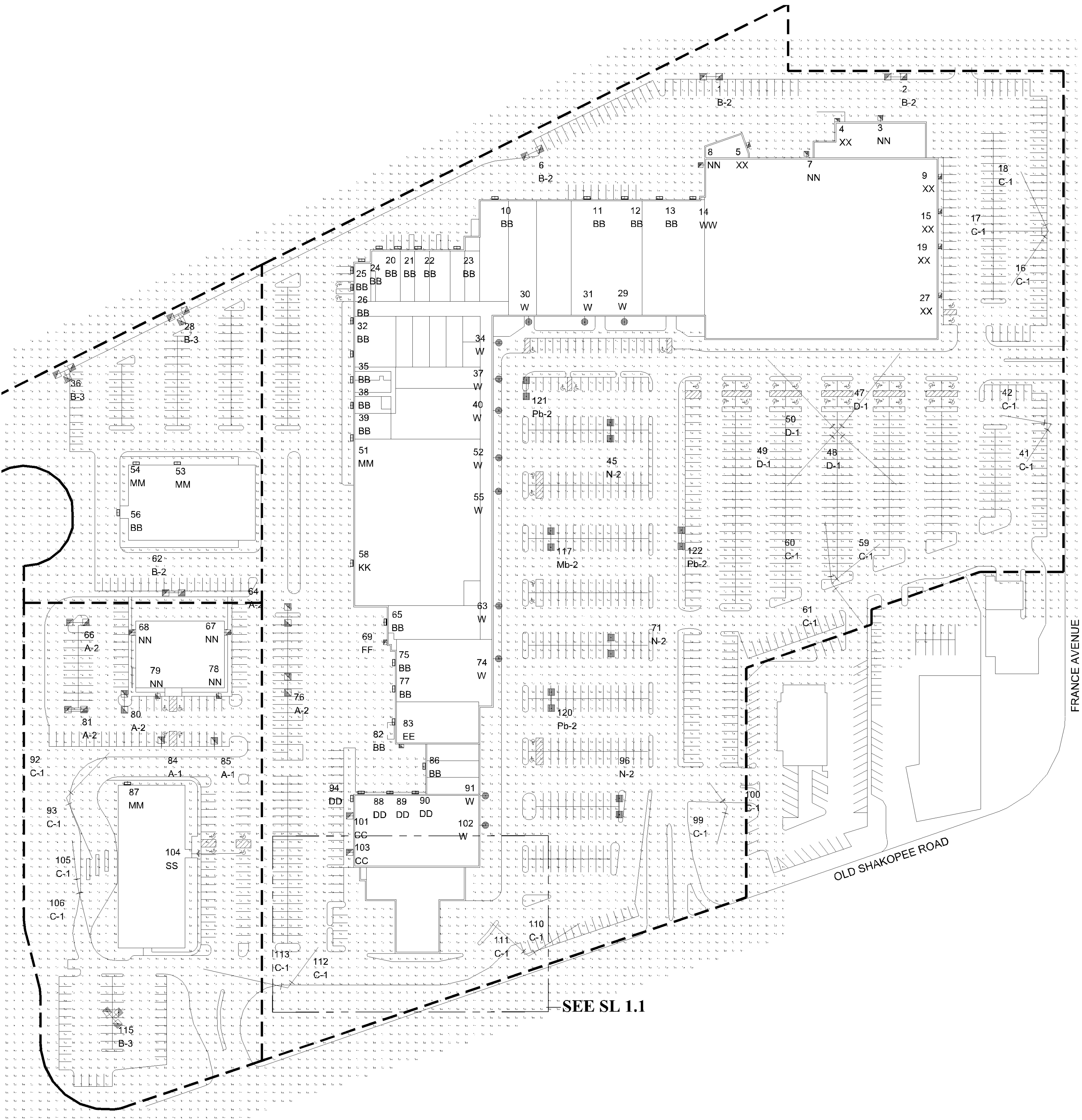


PL202100216

PL2021-216



SEE SL 1.1

1 EXISTING PHOTOMETRIC PLAN
SCALE: 1"= 70'



Luminaire Schedule							
Symbol	Qty	Label	Arrangement	TLL	LLF	Description	BUG Rating
	2	A-1	SINGLE	34000	0.450	Existing Fixt 320W MH 24' Mtg. Ht.	B3-U0-G3
	5	A-2	BACK-BACK	34000	0.450	Existing Fixt 320W MH, 24' Mtg. Ht.	B3-U0-G3
	4	B-2	BACK-BACK	34000	0.500	Existing Fixt 320W MH 28' Mtg. Ht.	B2-U0-G3
	3	B-3	3 @ 90°	34000	0.500	Existing Fixt 320W MH, 28' Mtg. Ht.	B2-U0-G3
	21	BB	SINGLE	N.A.	0.810	Existing Wall Pack LED, 9' To 18' Mtg. Ht.	B1-U0-G1
	18	C-1	SINGLE	140000	0.450	Existing 1000W HPS Flood 29' Mtg Ht	N.A.
	2	CC	SINGLE	34200	0.650	Existing Fixt 400W MH, 42' Mtg. Ht.	B3-U3-G4
	4	D-1	SINGLE	140000	0.450	Existing 1000W HPS Flood 32' Mtg Ht	N.A.
	4	DD	SINGLE	8500	0.482	Existing Fixt 100W MH Wall Pack, 14' To 16' Mtg Ht	B1-U4-G3
	1	EE	SINGLE	13000	0.450	Existing Wall Pack 150W MH, 13' Mtg. Ht.	B1-U5-G4
	1	FF	SINGLE	13000	0.650	Existing Wall Pack 150W MH, 16' Mtg. Ht.	B1-U5-G4
	1	KK	SINGLE	N.A.	0.810	Existing 26W LED Wall Pack, 11' Mtg. Ht.	B1-U0-G0
	1	Mb-2	BACK-BACK	N.A.	0.810	Existing Base, Pole, Fixt 391W LED T5WQ 29' Mtg Ht (4000K/44347 Lumens/1000mA) Cooper GLEON-AF-07-LED-E1-SWQ	B5-U0-G5
	4	MM	SINGLE	19500	0.500	Existing Fixt 250W MH, 12' To 24' Mtg. Ht.	N.A.
	3	N-2	BACK-BACK	N.A.	0.810	Existing Fixt 391W LED T5WQ 29' Mtg Ht (4000K/44347 Lumens/1000mA) Cooper GLEON-AF-07-LED-E1-SWQ	B5-U0-G5
	7	NN	SINGLE	34000	0.420	Existing Fixt 320W MH, 12' To 18' Mtg. Ht.	B2-U0-G3
	3	Pb-2	BACK-BACK	N.A.	0.810	Existing Base, Pole, Fixt 391W LED T5WQ 29' Mtg Ht (4000K/44347 Lumens/1000mA) Cooper GLEON-AF-07-LED-E1-SWQ	B5-U0-G5
	1	SS	SINGLE	40000	0.650	Existing Flood 400W MH Horz FG, 40' Mtg. Ht.	N.A.
	12	W	SINGLE	17500	0.650	Existing Fixt 175W MH 12' Mtg. Ht.	B4-U0-G2
	1	WW	SINGLE	12800	0.482	Existing Wall Pack 175W MH, 12' Mtg. Ht.	B1-U3-G5
	8	XX	SINGLE	20500	0.350	Existing Wall Pack 250W MH, 18' Mtg. Ht.	B2-U4-G5

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

THE LIGHTING PATTERN REPRESENTS ILLUMINATION LEVELS CALCULATED FROM LABORATORY DATA TAKEN UNDER THE CONTROLLED CONDITIONS UTILIZING CURRENT INDUSTRY STANDARD LAMP RATINGS IN ACCORDANCE WITH ILLUMINATING ENGINEERING SOCIETY APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRE MAY VARY DUE TO VARIATION IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.

FOR ADDITIONAL LIGHTING INFORMATION CONTACT:
On-Site Lighting & Survey, LLC
PH: 763.684.1548

On-Site Lighting & Survey, LLC

1111 HIGHWAY 25 NORTH
SUITE 201
BUFFALO MN 55313
PH: 763.684.1548
FAX: 763.682.9048



VALLEY WEST
CENTER
PLANET FITNESS

10520-10608 FRANCE AVENUE
BLOOMINGTON, MN 55431

PROJECT INFO

ENGINEER INFO

ENGINEER SEAL

#	DATE	INIT	DESCRIPTION
1			
2			
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4			
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8			
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EXISTING
PHOTOMETRIC
PLAN

KA180129

12.04.2020

2

Z.NORDIN

Z.NORDIN

SL1.0
REV #
0

On-Site Lighting
& Survey, LLC

1111 HIGHWAY 25 NORTH
SUITE 201
BUFFALO, MN 55313
PH: 763.684.1548
FAX: 763.682.9048


KRAUS-ANDERSON

PROJECT INFO

ENGINEER INFO

ENGINEER SEAL

VALLEY WEST
CENTER
NEW END CAP

10520-10608 FRANCE AVENUE
BLOOMINGTON, MN 55431

REVISIONS

#	DATE	INIT	DESCRIPTION
1			
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SHEET DESCRIPTION

EXISTING
PHOTOMETRIC
STAT DETAIL

PROJECT #

KA180129

ISSUE DATE

12.04.2020

DESIGN LEVEL

2

AGI

Z.NORDIN

CAD

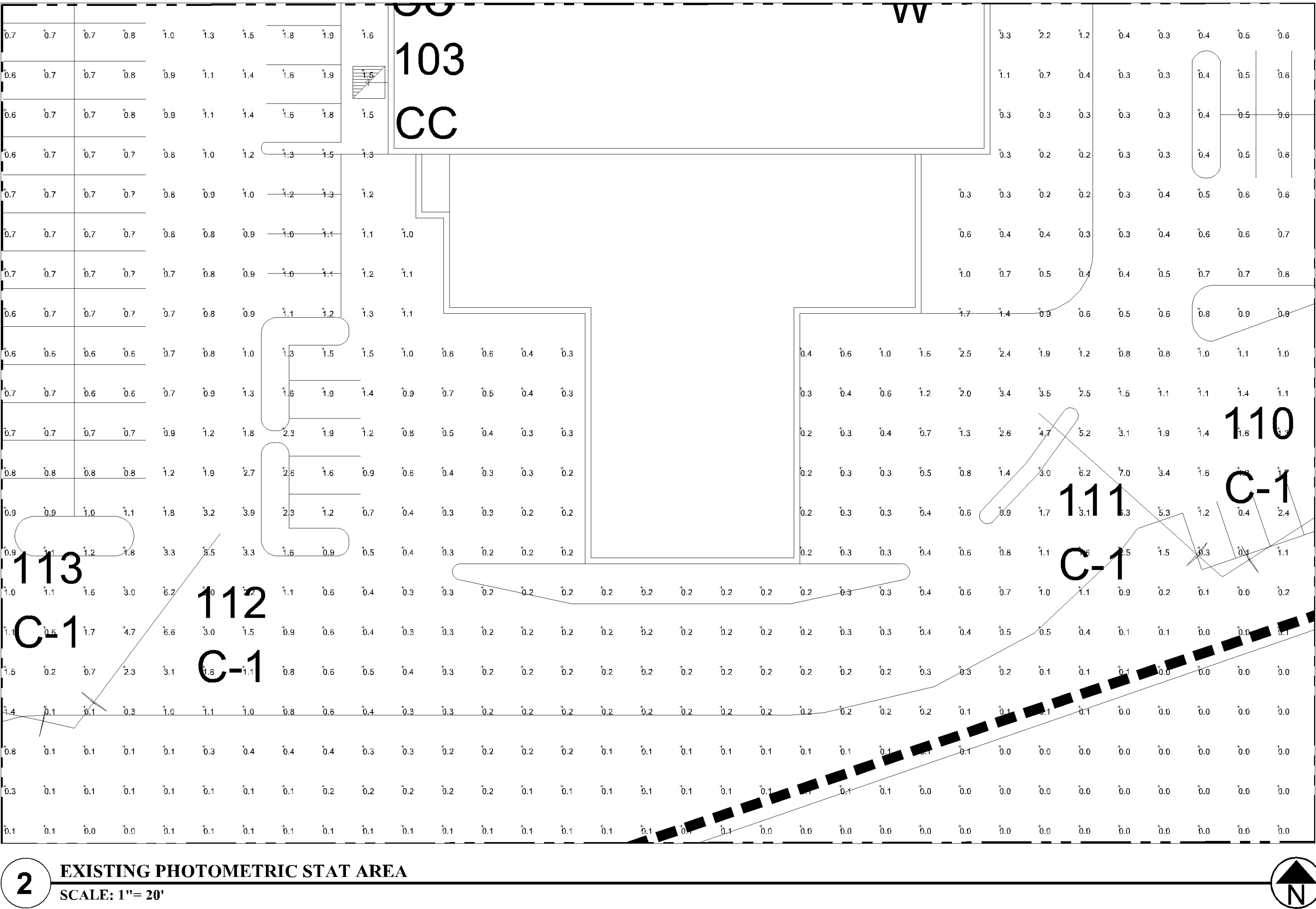
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SHEET#

SL1.1

REV #

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Calculation Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
Retail Entrance	13.28	15.4	10.5	1.26	1.47
Parking Redevelopment	3.78	6.0	2.0	1.89	3.00

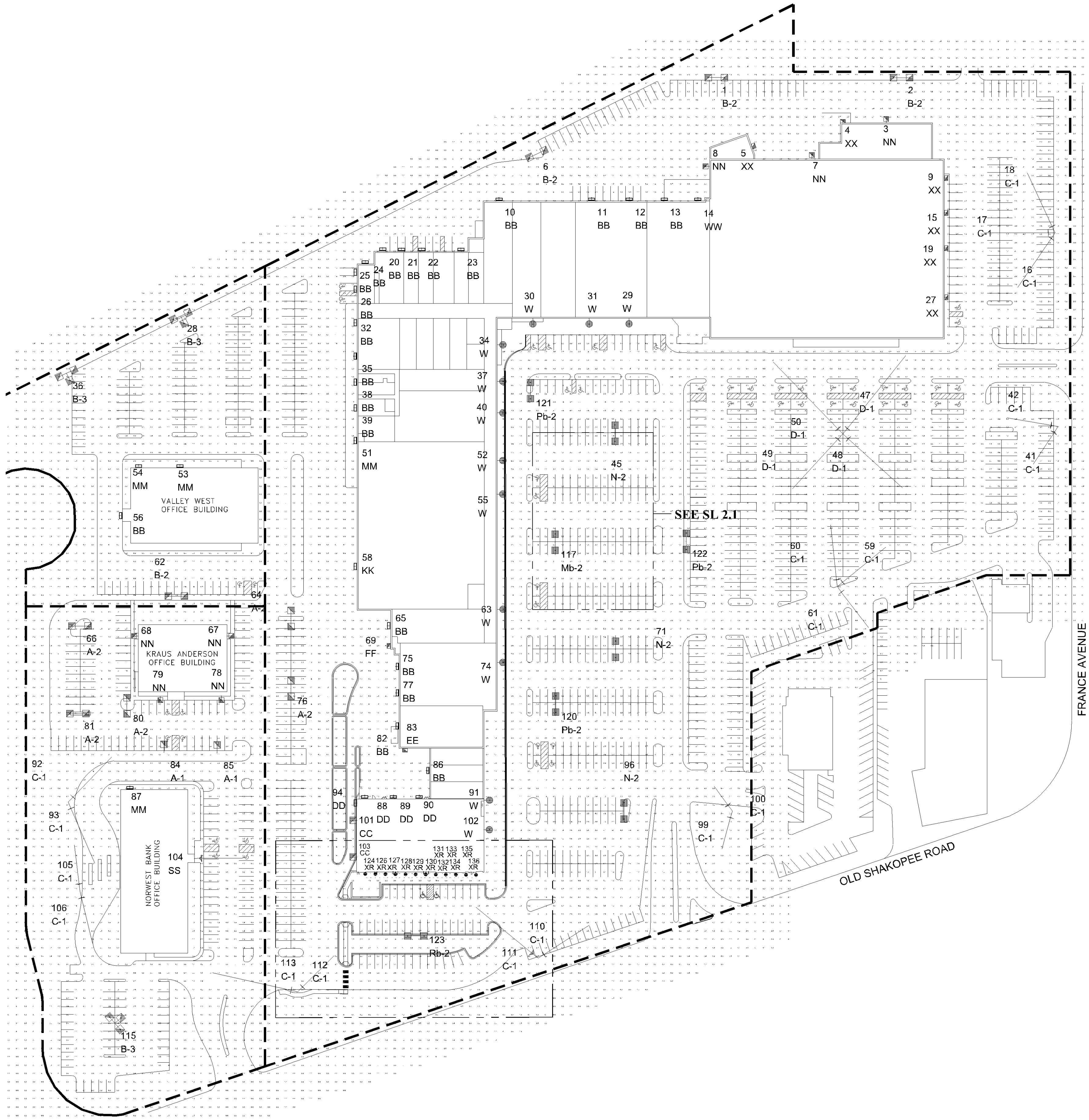
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FOR ADDITIONAL LIGHTING INFORMATION CONTACT:

**On-Site Lighting
& Survey, LLC**

PH: 763.684.1548



1 LED PHOTOMETRIC PLAN
SCALE: 1"= 70'

PL202100216

PL2021-216

On-Site Lighting
& Survey, LLC

1111 HIGHWAY 25 NORTH
SUITE 201
BUFFALO MN 55313
PH: 763.684.1548
FAX: 763.682.9048



VALLEY WEST
CENTER
NEW END CAP

10520-10608 FRANCE AVENUE
BLOOMINGTON, MN 55431

PROJECT INFO

ENGINEER INFO

ENGINEER SEAL

REVISIONS

SHEET DESCRIPTION

PROJECT #

ISSUE DATE

DESIGN LEVEL

AGI

CAD

SHEET#

#	DATE	INIT	DESCRIPTION
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LED
PHOTOMETRIC
PLAN

KA180129

12.04.2020

2

Z.NORDIN

Z.NORDIN

SL2.0

REV #:

0

Luminaire Schedule

Symbol	Qty	Label	Arrangement	TLL	LLF	Description	BUG Rating
	2	A-1	SINGLE	34000	0.450	Existing Fixt 320W MH 24' Mtg. Ht.	B3-U0-G3
	5	A-2	BACK-BACK	34000	0.450	Existing Fixt 320W MH, 24' Mtg. Ht.	B3-U0-G3
	4	B-2	BACK-BACK	34000	0.500	Existing Fixt 320W MH 28' Mtg. Ht.	B2-U0-G3
	3	B-3	3 @ 90°	34000	0.500	Existing Fixt 320W MH, 28' Mtg. Ht.	B2-U0-G3
	21	BB	SINGLE	N.A.	0.810	Existing Wall Pack LED, 9' To 18' Mtg. Ht.	B1-U0-G1
	18	C-1	SINGLE	140000	0.450	Existing 1000W HPS Flood 28' Mtg Ht.	N.A.
	2	CC	SINGLE	34200	0.650	Existing Fixt 400W MH, 42' Mtg. Ht.	B3-U3-G4
	4	D-1	SINGLE	140000	0.450	Existing 1000W HPS Flood 32' Mtg Ht.	N.A.
	4	DD	SINGLE	8500	0.492	Existing Fixt 100W MH Wall Pack, 14' To 16' Mtg Ht.	B1-U4-G3
	1	EE	SINGLE	13000	0.450	Existing Wall Pack 150W MH, 13' Mtg. Ht.	B1-U5-G4
	1	FF	SINGLE	13000	0.650	Existing Wall Pack 150W MH, 16' Mtg. Ht.	B1-U5-G4
	1	KK	SINGLE	N.A.	0.810	Existing 26W LED Wall Pack, 11' Mtg. Ht.	B1-U0-G0
	1	Mb-2	BACK-BACK	N.A.	0.810	Existing Base, Pole, Fixt 391W LED T5WQ 28' Mtg Ht (4000K/44347 Lumens/1000mA) Cooper GLEON-AF-07-LED-E1-5WQ	B5-U0-G5
	4	MM	SINGLE	19500	0.500	Existing Fixt 250W MH, 12' To 24' Mtg. Ht.	N.A.
	3	N-2	BACK-BACK	N.A.	0.810	Existing Fixt 391W LED T5WQ 28' Mtg Ht (4000K/44347 Lumens/1000mA) Cooper GLEON-AF-07-LED-E1-5WQ	B5-U0-G5
	7	NN	SINGLE	34000	0.420	Existing Fixt 320W MH, 12' To 16' Mtg. Ht.	B2-U0-G3
	3	Pb-2	BACK-BACK	N.A.	0.810	Existing Base, Pole, Fixt 391W LED T5WQ 28' Mtg Ht (4000K/44347 Lumens/1000mA) Cooper GLEON-AF-07-LED-E1-5WQ	B5-U0-G5
	1	SS	SINGLE	40000	0.650	Existing Flood 400W MH Horz FG, 40' Mtg. Ht.	N.A.
	12	W	SINGLE	17500	0.850	Existing Fixt 175W MH 12' Mtg. Ht.	B4-U0-G2
	1	WW	SINGLE	12800	0.492	Existing Wall Pack 175W MH, 12' Mtg. Ht.	B1-U3-G5
	6	XX	SINGLE	20500	0.350	Existing Wall Pack 250W MH, 18' Mtg. Ht.	B2-U4-G5
	1	Rb-2	BACK-BACK	N.A.	0.810	New Base, Pole, Fixt 391W LED T5WQ 28' Mtg Ht (4000K/44347 Lumens/1000mA) Cooper GLEON-AF-07-LED-E1-5WQ	B5-U0-G5
	12	XR	SINGLE	N.A.	0.810	New Recessed Can 35W LED 11'-0 Mtg Ht (4000K/3398 Lumens) SYLVANIA 72628	B2-U0-G0

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FOR ADDITIONAL LIGHTING INFORMATION CONTACT:

On-Site Lighting
& Survey, LLC

PH: 763.364.1548

PL202100216

PL2021-216

On-Site Lighting
& Survey, LLC

1111 HIGHWAY 25 NORTH
SUITE 201
BUFFALO, MN 55313
PH: 763.684.1548
FAX: 763.682.9048

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KRAUS-ANDERSON

PROJECT INFO

VALLEY WEST
CENTER
NEW END CAP
10520-10608 FRANCE AVENUE
BLOOMINGTON, MN 55431

ENGINEER INFO

ENGINEER SEAL

REVISIONS

#	DATE	INIT	DESCRIPTION
1			
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8			
9			

SHEET DESCRIPTION

LED
PHOTOMETRIC
DETAILS

PROJECT #

KA180129

ISSUE DATE

12.04.2020

DESIGN LEVEL

2

AGI

Z.NORDIN

CAD

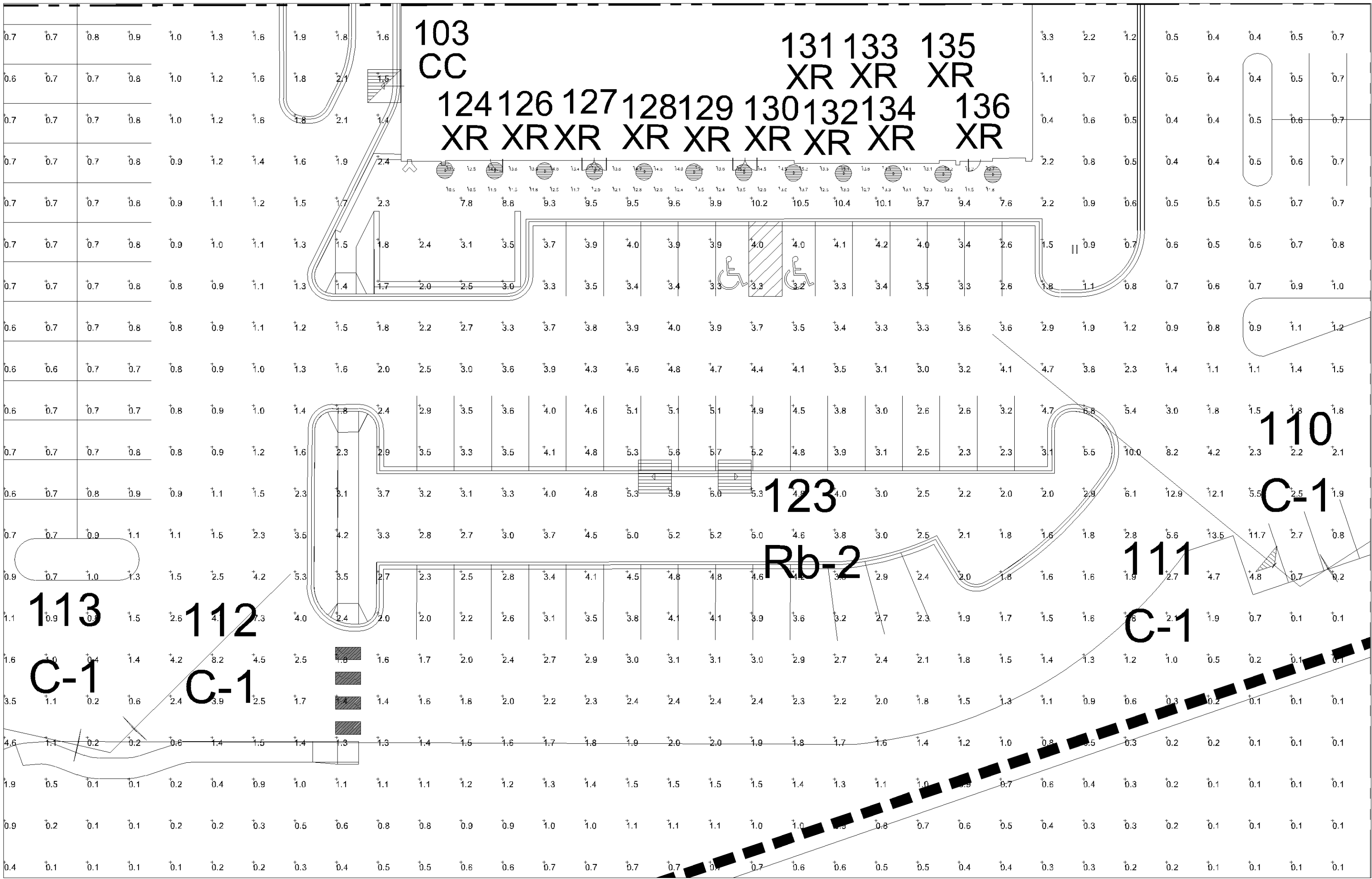
Z.NORDIN

SHEET#

SL2.1

REV #

0



2 LED PHOTOMETRIC STAT AREA
SCALE: 1"= 20'

Calculation Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
Retail Entrance	13.28	15.4	10.5	1.26	1.47
Parking Redevelopment	3.78	6.0	2.0	1.89	3.00

BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POSITIONS. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO EXISTING OR FUTURE FIELD CONDITIONS.

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