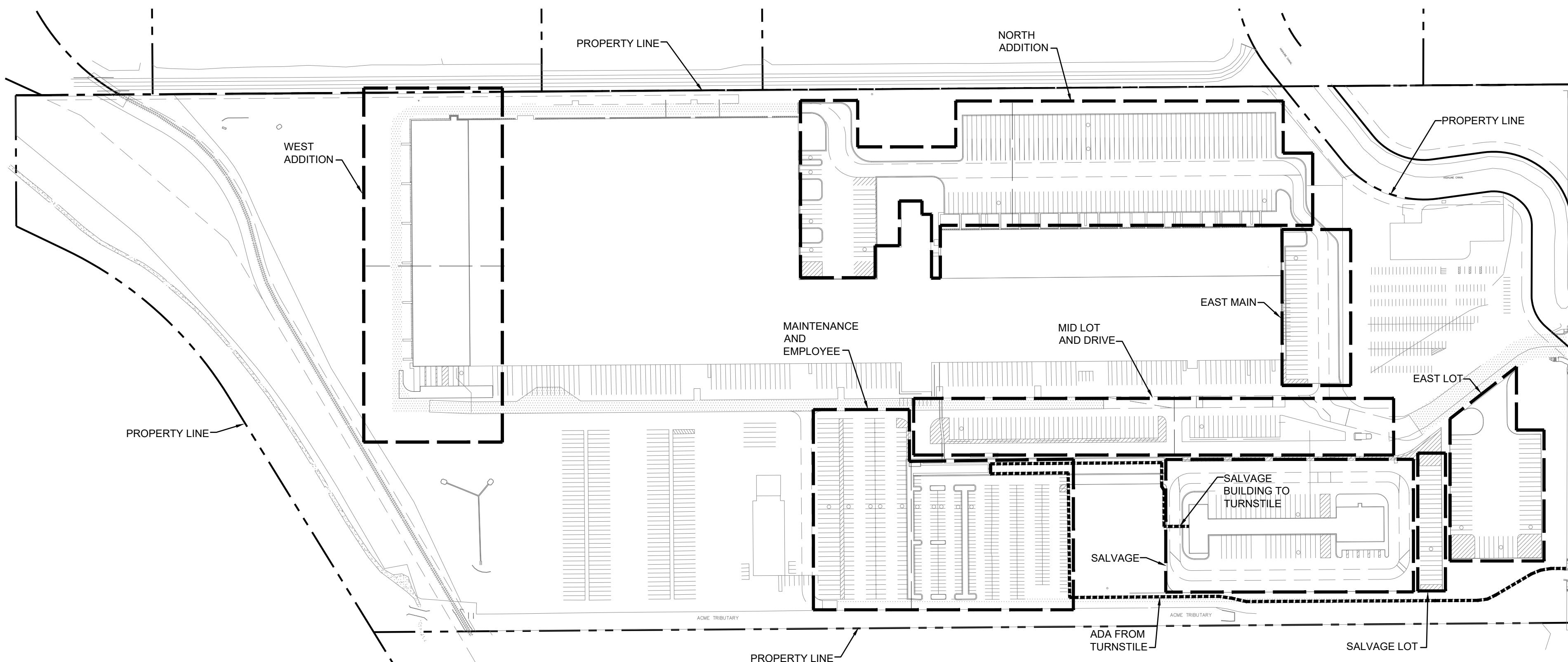


NOTE:
ALL NEW AND RELOCATED LIGHTS ARE
FULL CUTOFF AND DARK SKY COMPLIANT

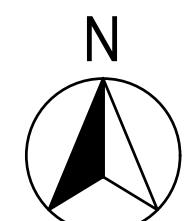
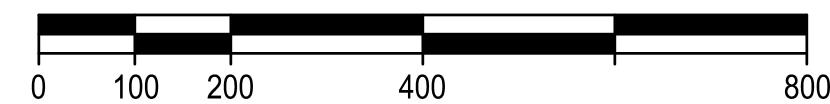
NOTE:
NEW EGRESS DOORS: ILLUMINATION WITHIN THE SITE
MUST COMPLY WITH THE 2015/2021 INTERNATIONAL
BUILDING CODE REQUIREMENT FROM SECTION 1008 -
MEANS OF EGRESS ILLUMINATION. SECTION 1008.2.
ILLUMINATION REQUIRED: THE MEANS OF EGRESS,
INCLUDING THE EXIT DISCHARGE, SHALL BE
ILLUMINATED AT ALL TIMES THE BUILDING IS OCCUPIED.
SECTION 1008.2.1g ILLUMINATION LEVEL. THE MEANS OF
EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN
1 FOOT-CANDLE (11 LUX) AT THE FLOOR LEVEL AND
CONTINUING TO THE "PUBLIC WAY".



1

PHOTOMETRIC OVERALL AREA PLAN

1" = 200'-0"



PROJECT LOWRY
SITE DEVELOPMENT PLAN
PHOTOMETRIC OVERALL AREA PLAN
CITY OF AURORA, COUNTY OF ADAMS

Kimley»Horn

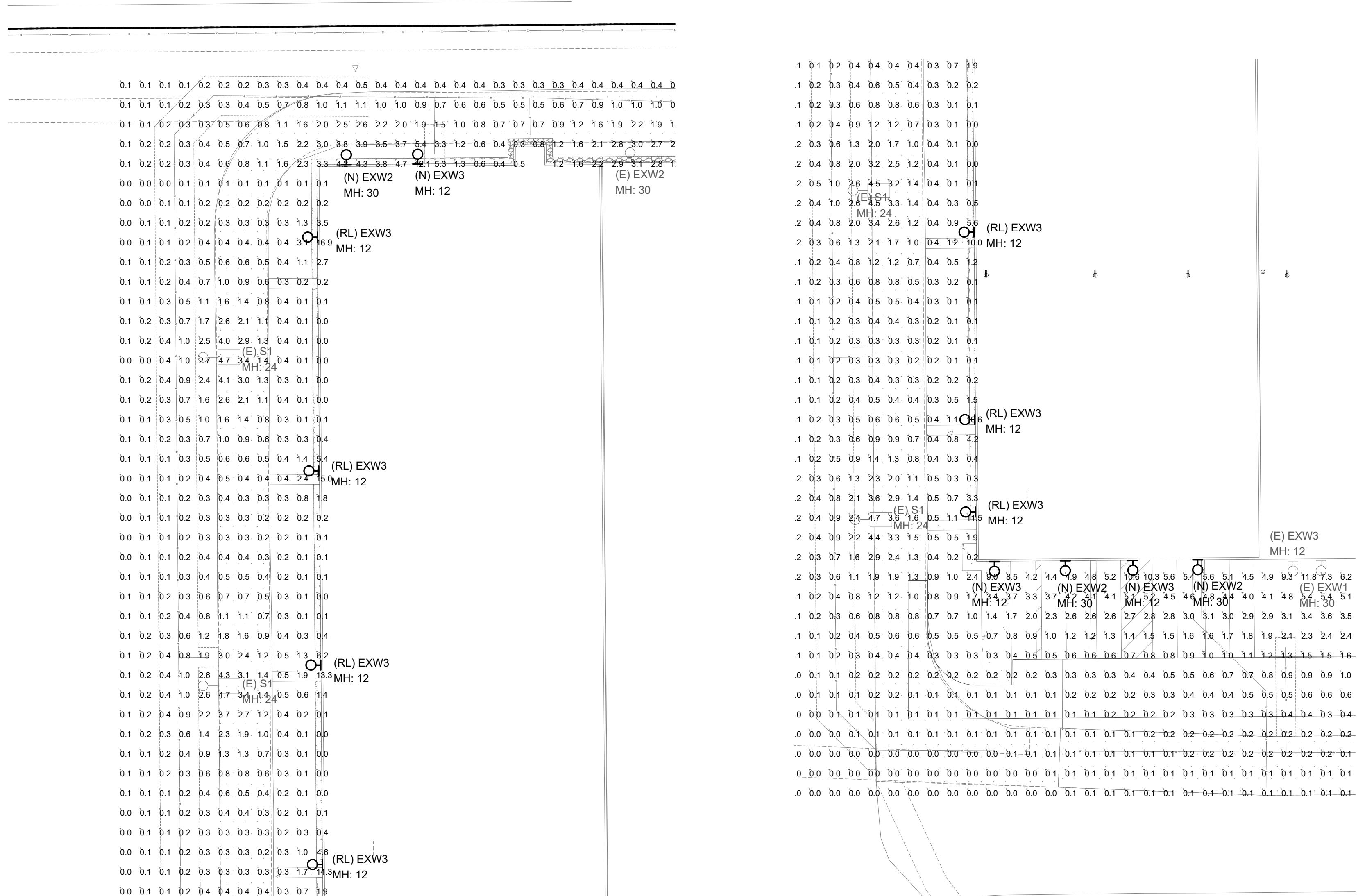
KIMLEY-HORN AND ASSOCIATES, INC.
6200 South Speer Boulevard, Suite 300
Greenwood Village, Colorado 80111 (303) 228-2300

FILE NO.	DATE	DESIGNED BY:	DRAWN BY:	CHECKED BY:	SPD	BY	DATE APPRO.
24015 -LOWRY PTP1.DWG	04/19/24	JVA	JVA	JVA	04/19/24		

PROJECT NO.	FILE NO.
196772002	24015 -LOWRY PTP1.DWG

FILE NO.	DATE	DESIGNED BY:	DRAWN BY:	CHECKED BY:
24015 -LOWRY PTP2.DWG	04/19/24	JVA	JVA	JVA
PROJECT NO.	NO. REVISION	1	1ST CITY SUBMISSION	SPD 04/19/24
SHEET NO.	BY DATE APPROV.	NO. REVISION	BY	APPR.

KIMLEY-HORN & ASSOCIATES, INC.
6200 South Speer Boulevard, Suite 300
Greenwood Village, Colorado 80111 (303) 228-2300



FILE NO.
24015 -LOWRY PTP2.DWG
PROJECT NO.
196772002
SHEET NO.

1 1ST CITY SUBMISSION 04/19/24
NO. REVISION BY DATE APPROV.

KIMLEY-HORN AND ASSOCIATES, INC.
6200 South Speer Boulevard, Suite 300
Greenwood Village, Colorado 80111 (303) 228-2300

PROJECT LOWRY
SITE DEVELOPMENT PLAN
PHOTOMETRIC - NORTH ADDITION AREA 1
CITY OF AURORA, COUNTY OF ADAMS

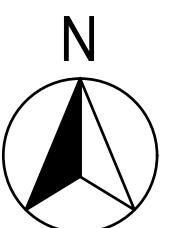
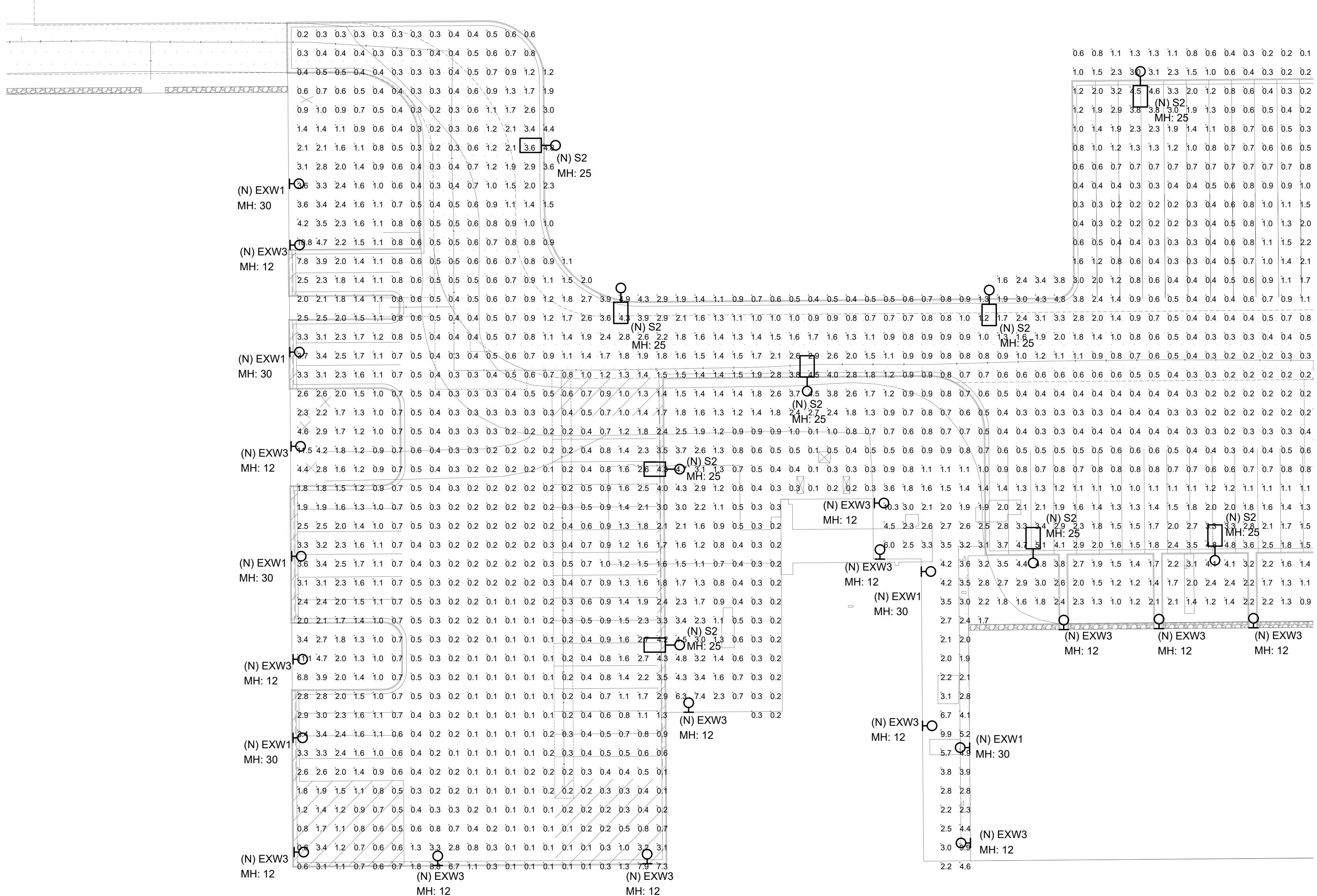
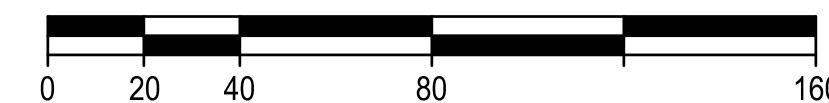
FILE NO.	24015 -LOWRY PTP2.DWG	DATE	04/19/24
PROJECT NO.		DESIGNED BY:	JVA
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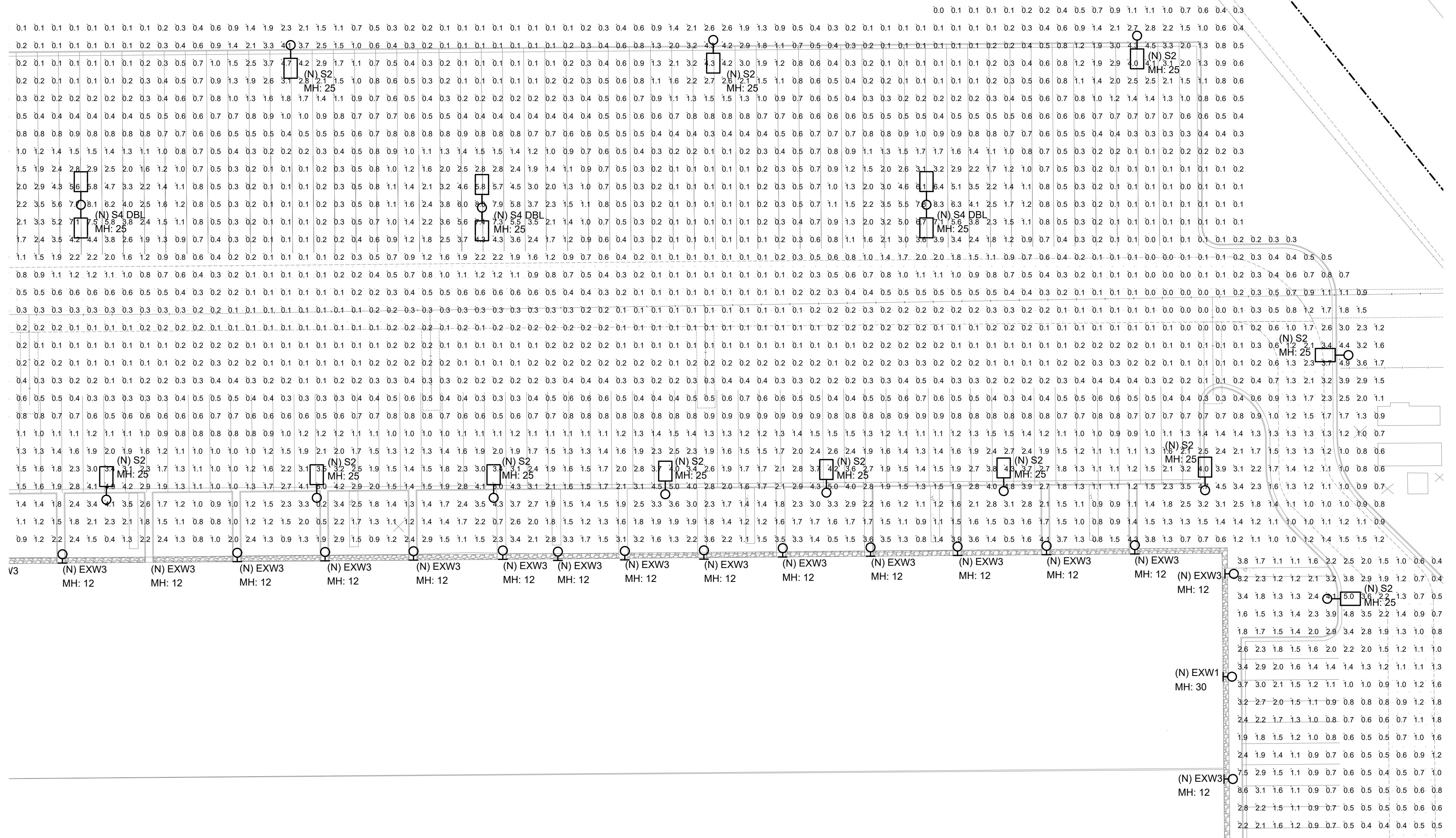
196772002
SHEET NO.
59

1

PHOTOMETRIC - NORTH ADDITION AREA 1

1" = 40'-0"

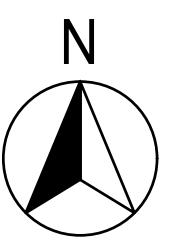
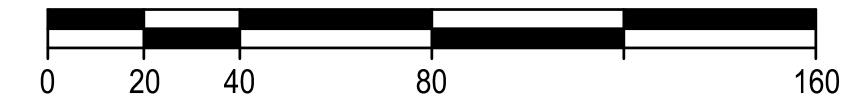




PHOTOMETRIC - NORTH ADDITION AREA 2

1

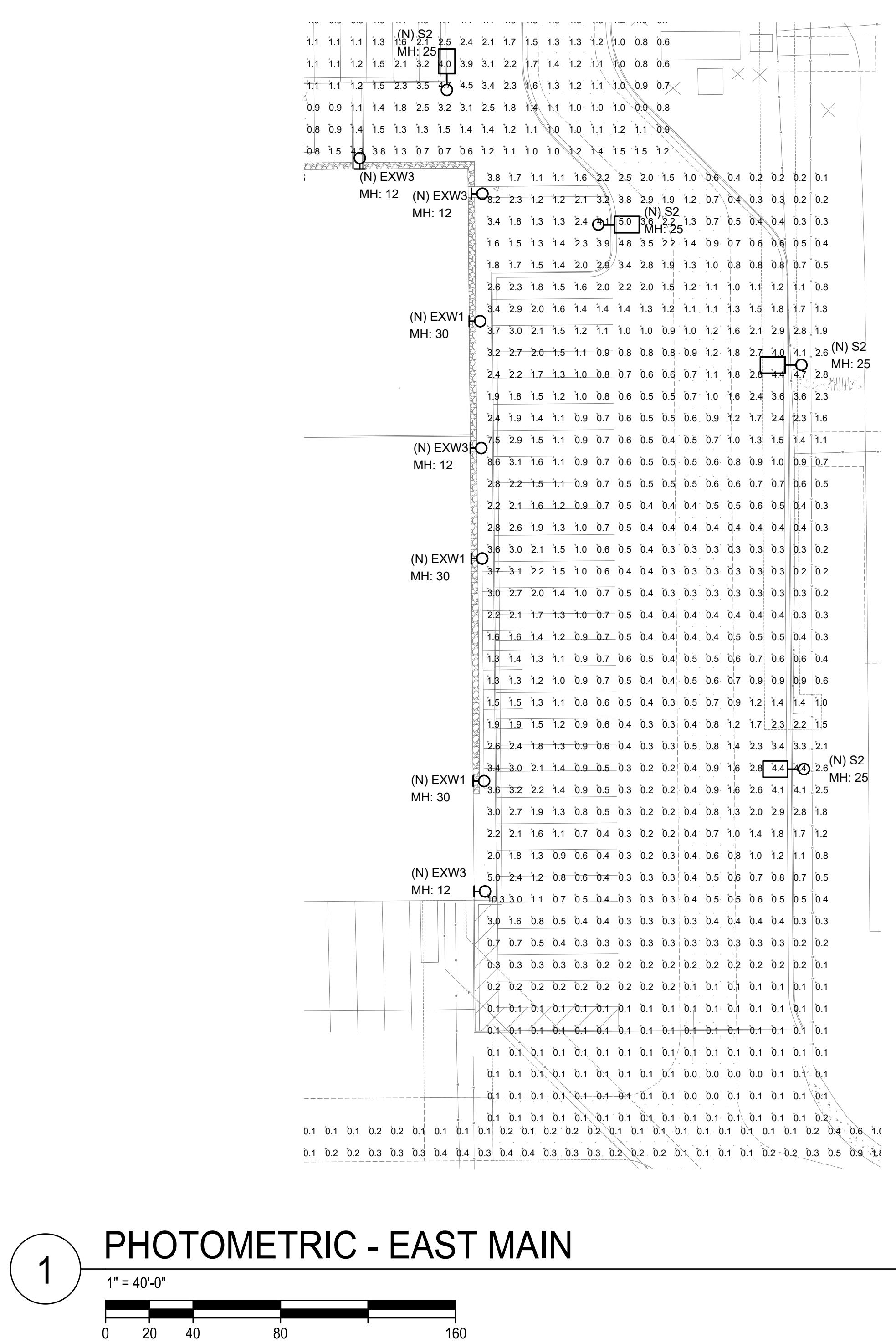
1" = 40'-0"



FILE NO.	DATE	DESIGNED BY:	DRAWN BY:	CHECKED BY:
24015 -LOWRY PTP2.DWG	04/19/24	JVA	JVA	JVA
PROJECT NO.				
196772002				

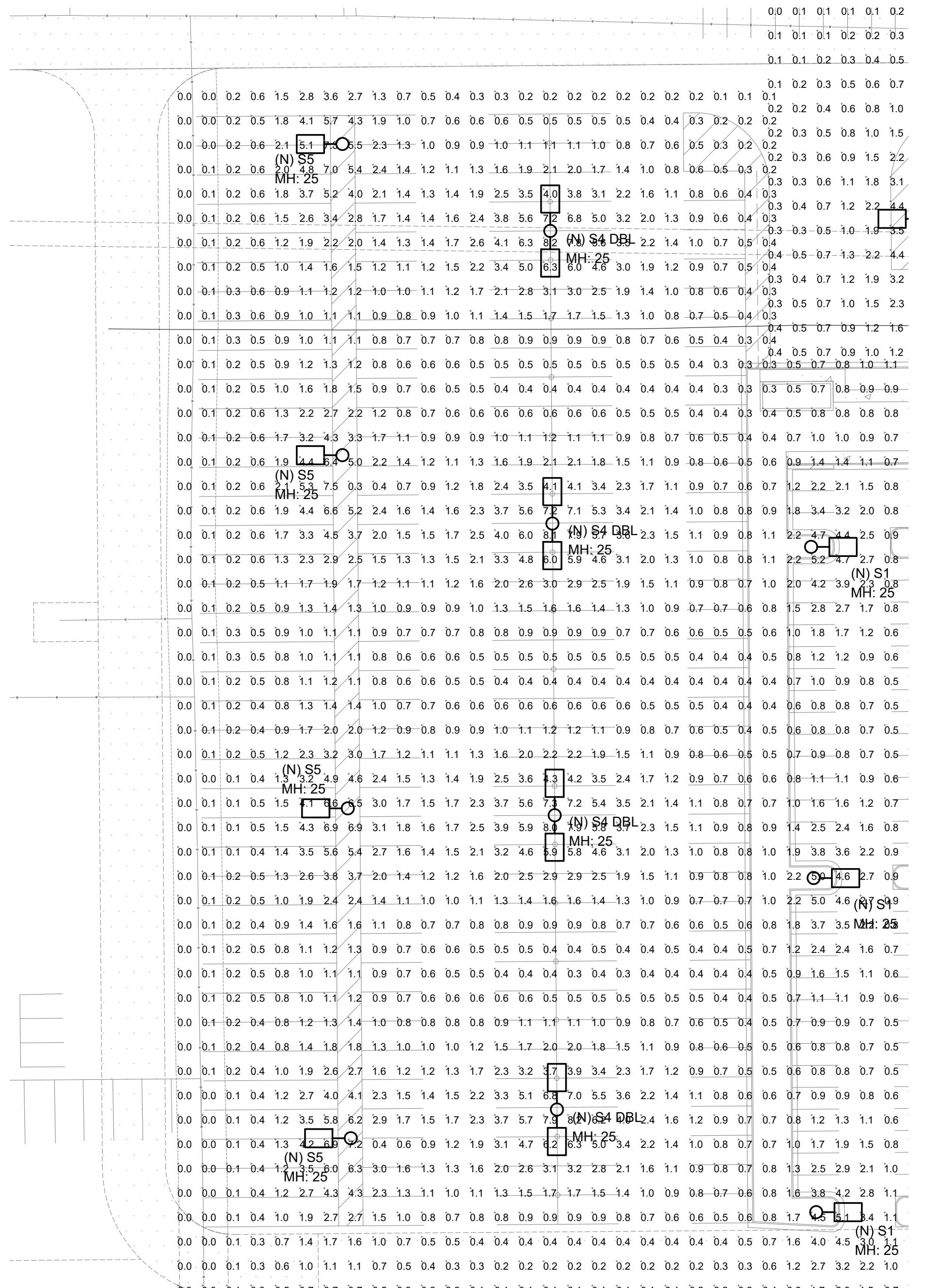
1 1ST CITY SUBMISSION 04/19/24
NO. REVISION BY SPD BY APPR.

KIMLEY-HORN AND ASSOCIATES, INC.
6200 South Speer Boulevard, Suite 300
Greenwood Village, Colorado 80111 (303) 228-2300



FILE NO.	DATE	DESIGNED BY:	SPD
24015 -LOWRY PTP2.DWG	04/19/24	JVA	04/19/24
PROJECT NO.	DRAWN BY:	JVA	BY
196772002	CHECKED BY:	JVA	APPR.
1 1ST CITY SUBMISSION		NO. REVISION	
1		228-2300	
KIMLEY-HORN & ASSOCIATES, INC. 6200 South Speer Boulevard, Suite 300 Greenwood Village, Colorado 80111 (303) 228-2300			

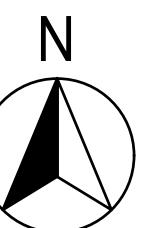
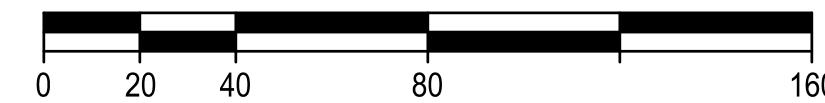
PROJECT LOWRY
SITE DEVELOPMENT PLAN
PHOTOMETRIC - MAINTENANCE LOT
CITY OF AURORA, COUNTY OF ADAMS



1

PHOTOMETRIC - MAINTENANCE LOT

1" = 40'-0"



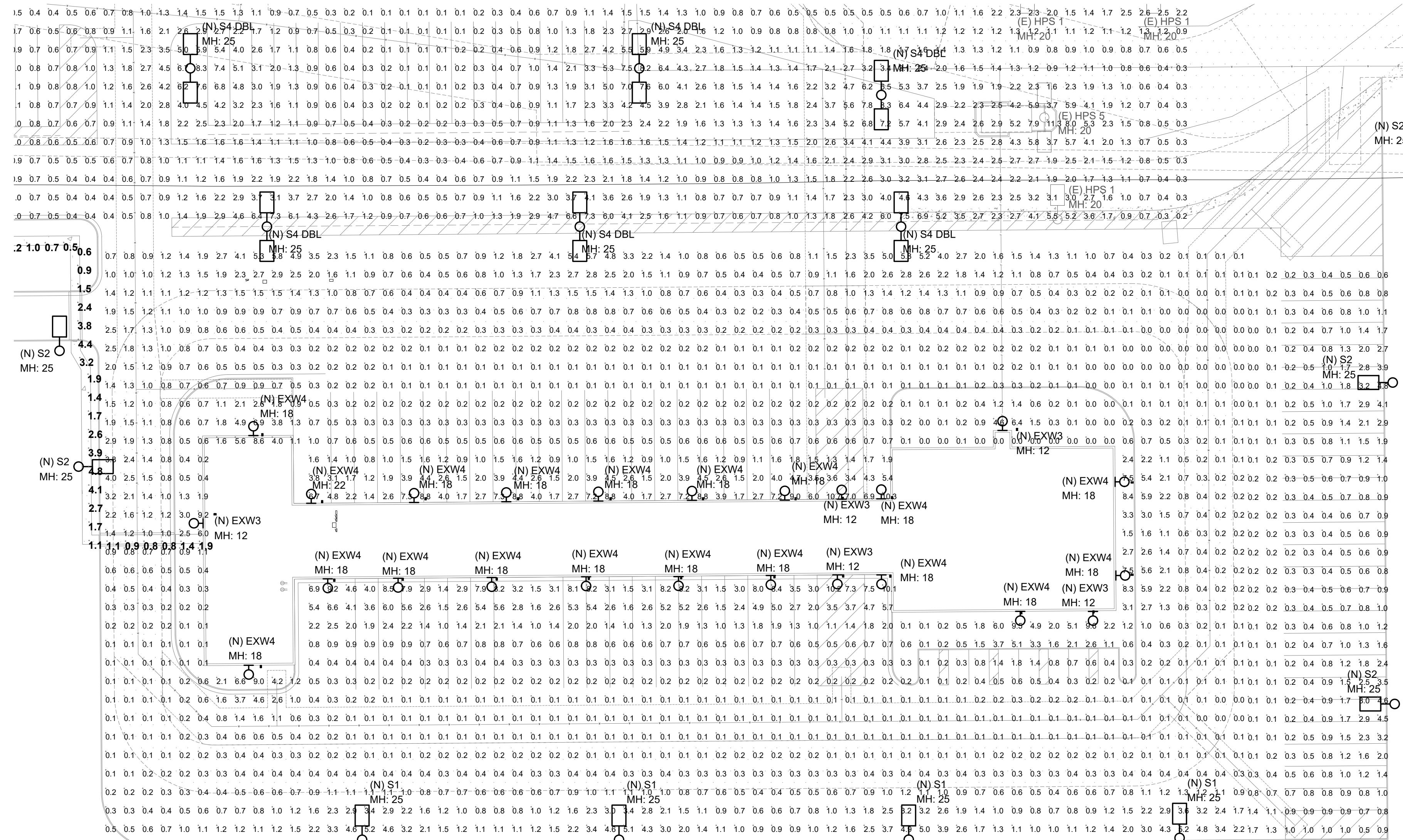
1	1ST CITY SUBMISSION	SPD BY	04/19/24
NO. REVISION	DATE APPRO.	BY	APPR.

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
6700 South Speer Boulevard, Suite 300
Greenwood Village, Colorado 80111 (303) 228-2300

PROJECT LOWRY
SITE DEVELOPMENT PLAN
PHOTOMETRIC - SALVAGE BUILDING
CITY OF AURORA, COUNTY OF ADAMS

FILE NO.	24015 -LOWRY PTP.DWG
PROJECT NO.	196772002
DESIGNED BY:	JVA
DRAWN BY:	JVA
CHECKED BY:	JVA

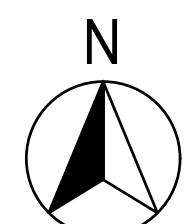
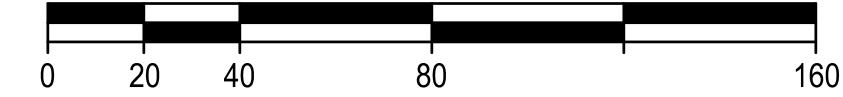
DATE 04/19/24
DESIGNED BY: JVA
DRAWN BY: JVA
CHECKED BY: JVA

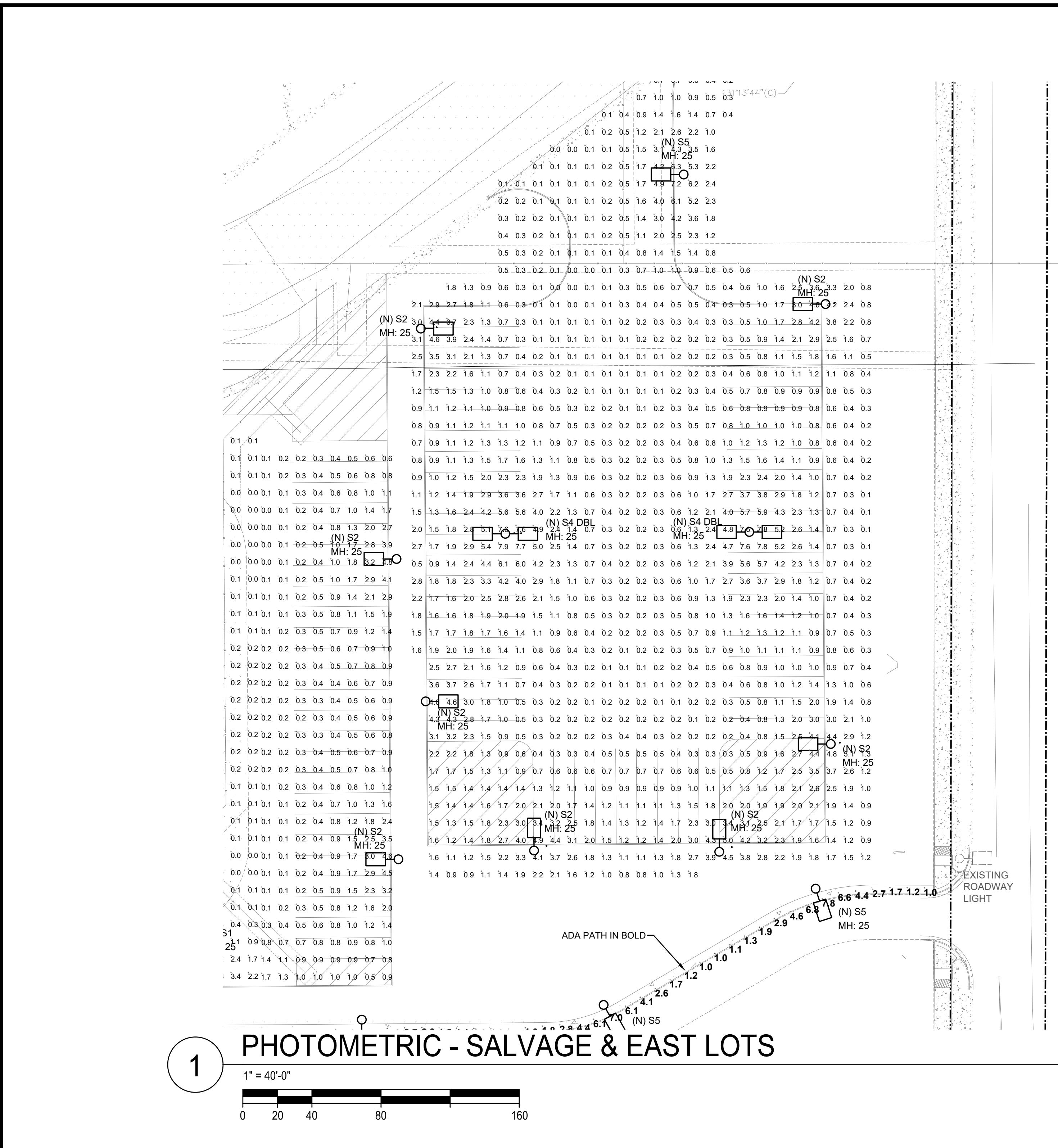


1

PHOTOMETRIC - SALVAGE BUILDING

1" = 40'-0"



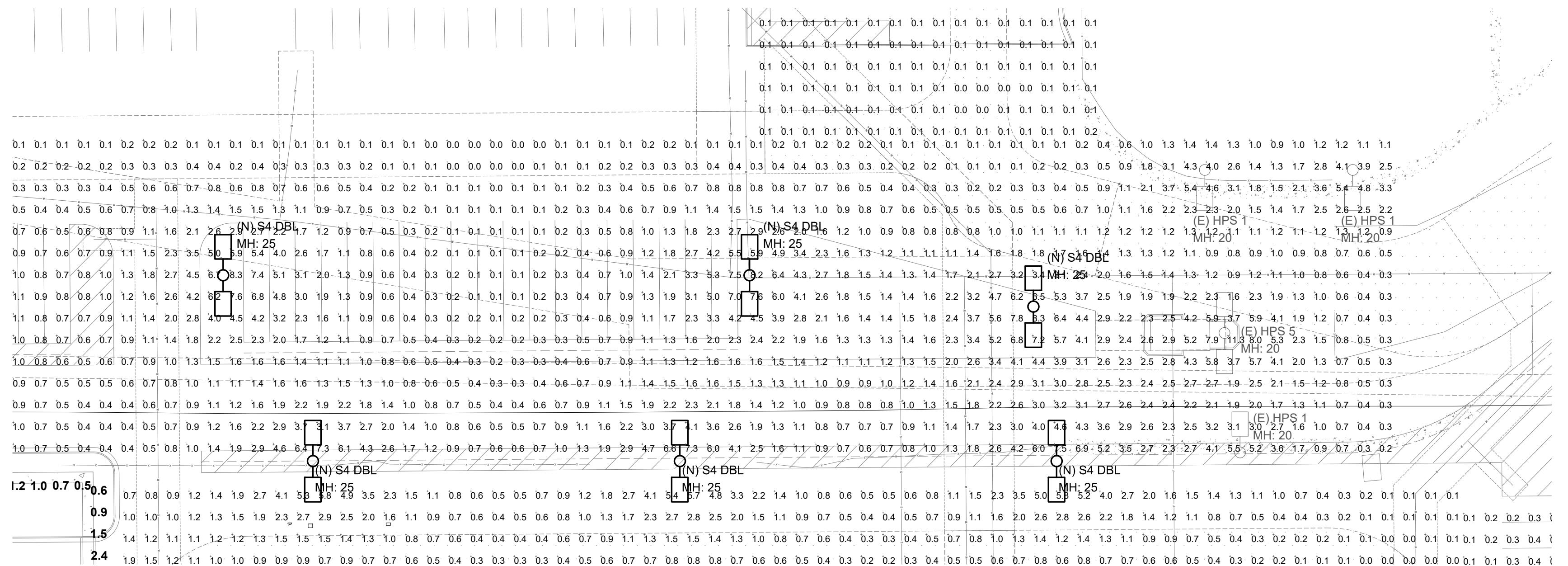


The logo consists of a large, bold, black letter 'M' at the top, followed by the word 'MAXSON' in a smaller bold sans-serif font, and 'ENGINEERING' in a slightly smaller bold sans-serif font below it. A registered trademark symbol (®) is positioned to the right of the 'M'. Below the company name is the website address 'maxsonengineering.com' in a smaller sans-serif font. At the bottom, there is a line of contact information: '303-933-2700' and 'Project # 24015'.

FILE NO.		DATE	04/19/24
24015 -LOWRY PTP2.DWG		DESIGNED BY:	JVA
PROJECT NO.		DRAWN BY:	JVA
196772002		CHECKED BY:	JVA
SHEET NO.			
PROJECT LOWRY SITE DEVELOPMENT PLAN PHOTOMETRIC - SALVAGE & EAST LOTS KIMLEY-HORN AND ASSOCIATES, INC. 6200 South Syracuse Way, Suite 300 Greenwood Village, Colorado 80111 (303) 228-2300			
		1	1ST CITY SUBMISSION
		SPD	04/19/24
		BY	DATE
		NO.	APPR.

FILE NO.	DATE	DESIGNED BY:	DRAWN BY:	CHECKED BY:	SPD	1ST CITY SUBMISSION	NO. REVISION	BY	DATE APPROV.
24015 -LOWRY PTP.DWG	04/19/24	JVA	JVA	JVA	04/19/24	1	1	NO. REVISION	200

KIMLEY-HORN AND ASSOCIATES, INC.
6200 South Speer Boulevard, Suite 300
Greenwood Village, Colorado 80111 (303) 228-2300



1

PHOTOMETRIC - MID LOT & DRIVE AREA 2

PROJECT LOWRY
SITE DEVELOPMENT PLAN
PHOTOMETRIC - MID LOT & DRIVE AREA 2
CITY OF AURORA, COUNTY OF ADAMS

FILE NO.
PROJECT NO.
SHEET NO.

67

FILE NO.	DATE	DESIGNED BY:	DRAWN BY:	SPD	1ST CITY SUBMISSION	NO. REVISION	BY	DATE APPRO.
24015 -LOWRY PTP2.DWG	04/19/24	JVA	JVA	04/19/24	1			

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
6700 South Speer Boulevard, Suite 300
Greenwood Village, Colorado 80111 (303) 228-2300

PROJECT LOWRY
SITE DEVELOPMENT PLAN
PHOTOMETRIC - ADA PATH AREA 1
CITY OF AURORA, COUNTY OF ADAMS

FILE NO.	DATE	DESIGNED BY:	DRAWN BY:	SPD	1ST CITY SUBMISSION	NO. REVISION	BY	DATE APPRO.
PROJECT NO.	04/19/24	JVA	JVA	04/19/24	1			

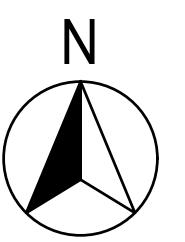
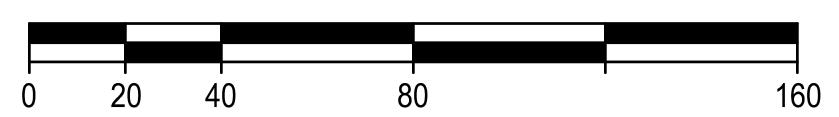
SHEET NO.
19677-2002



1

PHOTOMETRIC - ADA PATH AREA 1

1" = 40'-0"



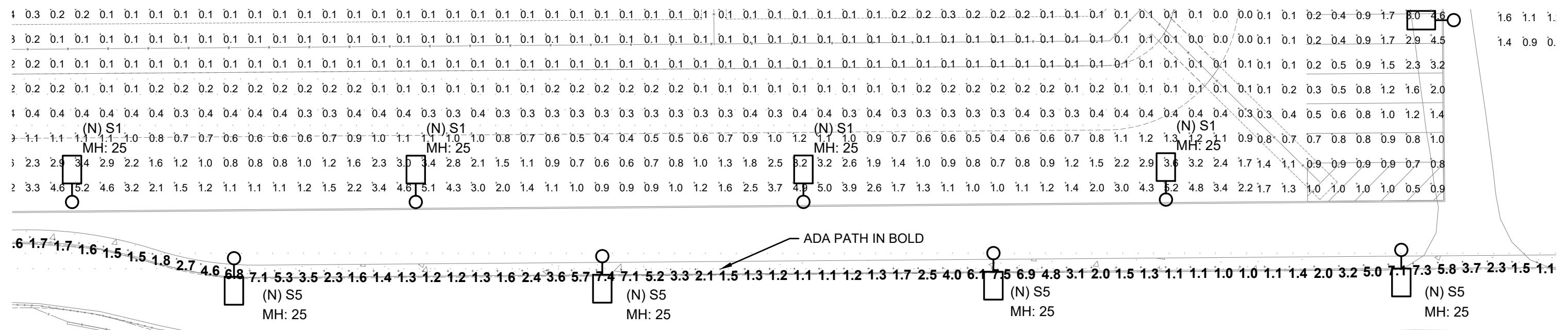
FILE NO.	DATE	DESIGNED BY:	DRAWN BY:	CHECKED BY:
24015 -LOWRY PTP2.DWG	04/19/24	JVA	JVA	JVA
PROJECT NO.				
196772002				

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
6200 South Speer Boulevard, Suite 300
Greenwood Village, Colorado 80111 (303) 228-2300

PROJECT LOWRY
SITE DEVELOPMENT PLAN
PHOTOMETRIC - ADA PATH AREAS 2 & 3
CITY OF AURORA, COUNTY OF ADAMS

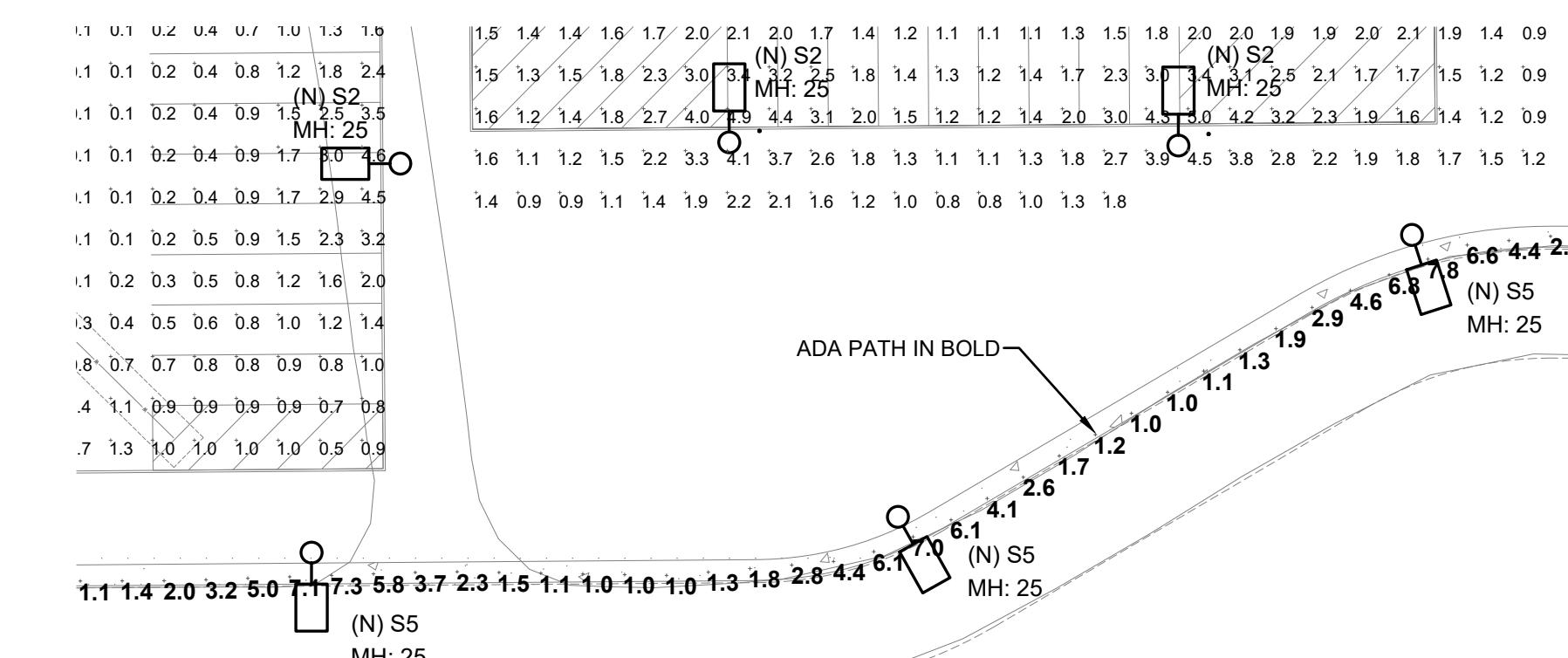
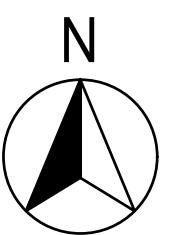
FILE NO.	DATE	DESIGNED BY:	DRAWN BY:	CHECKED BY:
24015 -LOWRY PTP2.DWG	04/19/24	JVA	JVA	JVA
PROJECT NO.				
196772002				

SHEET NO.
69



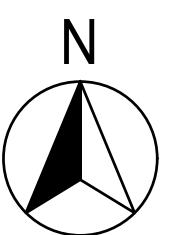
ADA PATH AREA 2

1" = 40'-0"



ADA PATH AREA 3

1" = 40'-0"



FILE NO.	24015 -LOWRY PTP3.DWG	DATE	04/19/24
DESIGNED BY:	JVA	DRAWN BY:	JVA
CHECKED BY:	JVA		

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
6200 South Quebec Street, Suite 800
Greenwood Village, Colorado 80111 (303) 228-2300

PROJECT LOWRY
SITE DEVELOPMENT PLAN
PHOTOMETRIC - IMAGES
CITY OF AURORA, COUNTY OF ADAMS

FILE NO.	24015 -LOWRY PTP3.DWG
PROJECT NO.	196772002

SHEET NO.

71



(E) HPS-1,
HPS-2,
HPS-4

LED FULL CUT-OFF WALL PACK
DWP2 GLED
DWP2L GLED
LWP3 GLED

LED OUTDOOR

(E) EXW3

The full cut-off wall pack is ideal for both general lighting and security applications. Use on factories, warehouses, self storage, commercial buildings, entrances, walkways and loading docks.

FEATURES:

- Full cut-off dark sky compliant fixture.
- Die-cast aluminum housing and tempered glass door frame. Door frame holds and seals housing.
- Housing with 12" feed-through hubs provided.
- Housing with 12" recessed junction boxes for wet location.
- Housing with 12" recessed junction boxes for standard; white or black finish is also available.

MOUNTING:

- Wall mounting only.
- Mounting on recessed junction boxes or on direct mounts to the wall with feed thru 1/2" conduit.

REFLECTOR & COVER:

- Heat and impact resistant tempered frost glass reflector.

LED:

- High efficient LED modules, components are built-in of lumens (GLED). One LED.
- Safety with complete waterproof and thermal emission of Class 1 LED, IP65 rated.
- Color Temperature: 3000 / 4000 / 5000K.
- Color Rendering Index: 70+ CRI.
- Input Voltage: 240V.
- Beam Angle: 120° (GLED available in 120° only).

ELECTRICAL:

- High power factor electronic driver, operates from 100-277VAC.
- Features include over voltage protection, surge protection, short circuit protection and ground fault protection.
- Waterproof (IP65) and dust tight construction.
- Over Voltage Protect : Hiccup mode. The power supply shall return to normal operation after the power is turn-on again.
- Short Circuit Protect : No damage shall occur when short circuit operating in a short circuit condition. The power supply shall be self-recovery when the fault condition is removed.
- Over Temperature Protect : 110°C
- Meets ANSI/IEEE C62.41 Category C (outdoors) High.
- Waterproof (IP67) and UL Dry / Damp / Wet Location outdoor LED driver.
- RoHS compliant.
- Complies with Part 15 of the FCC Rules (meets 47 CFR 15, Class B).

LAMP:

- Color Temperature: 3000 / 4000 / 5000K.
- Color Rendering Index: 70+ CRI.
- Nichia LED.
- Lifetime: over 50,000 hours.
- Optical lens is used to reduce glare.

APPLICATION:

For all applications in site, area, and general lighting requiring high uniformity, excellent vertical light control, low maintenance, durability, reduces on-site glare and effective security light levels. The LAP luminaire delivers exceptional performance in a low-profile design.

SPECIFICATION

LED Model	LED	Color Temperature	Lumen Output	Driver Input	Driver Output
DWP2	30 LEDs	30W	5000K (5m)	90-205Vac	1.25A
DWP2	40 LEDs	40W	5000K (5m)	90-205Vac	1.9A
DWP2L	40 LEDs	40W	5000K (5m)	90-205Vac	1.9A
LWP3	50 LEDs	50W	5000K (5m)	90-205Vac	2.5A
LWP3	60 LEDs	60W	5000K (5m)	90-205Vac	3.0A
LWP3	60 LEDs	60W	5000K (5m)	90-205Vac	3.4A
DWP2	60 LEDs	60W	5000K (5m)	90-205Vac	2.5A
DWP2	80 LEDs	80W	5000K (5m)	90-205Vac	3.0A
DWP2	100 LEDs	100W	5000K (5m)	90-205Vac	3.4A
DWP2	120 LEDs	120W	5000K (5m)	90-205Vac	3.6A

NOTES:

1. Nominal
LED Driver: Non-dimmable driver standard, optional dimmable driver 1-10V
160 www.utopialightingus.com UTOPIA LIGHTING reserves the right to change specifications, drawings, dimensions without prior notice.

LED AREA / PARKING / STREET LIGHT
LAP-2G

**(E) EXW1,
EXW2,
S1**

APPLICATION

For all applications in site, area, and general lighting requiring high uniformity, excellent vertical light control, low maintenance, durability, reduces on-site glare and effective security light levels. The LAP luminaire delivers exceptional performance in a low-profile design.

FEATURES:

- Die-cast aluminum construction body on which electrical components.
- Die-cast integral heat sink to provide thermal management.
- PMS: Pole mount arm available for 3", 4" and 5" square pole.
- PMR: Pole mount arm available for 3" (PMR3), 4" (PMR4) and 5" (PMR5) dia. round poles.
- SF: Adjustable slip filter mount available for pipe installation (1-21/32" O.D. to 2-3/8" O.D.)
- WM: Wall mount plate.
- Mounting arm bolts are 304 stainless steel and zinc-plated steel.
- MA1: Available for 2.375"(O.D) sized Mast Arm Pole.
- MA2: Available for 1.900"(O.D) sized Mast Arm Pole.

LED:

- Color Temperature: 3000 / 4000 / 5000K.
- Color Rendering Index: 70+ CRI.
- Nichia LED.
- Lifetime: over 50,000 hours.
- Optical lens is used to reduce glare.

OPTIC:

- UV stabilized polycarbonate lens.

LISTING:

- UL / CUL listed.
- Listed to UL 1598 and UL 8750.
- DLC listed. ³
- ARRA compliant (optional).
- BMV compliant (optional).
- Suitable for wet location.
- Tested to ESNA LM80 standards.
- LM79, LM80.
- 5 years limited warranty.
- 10 years limited warranty. (optional) ⁴
- IP68 Rating.
- Certified to ANSI C136.31-2010, 3.0G Level 2 for Bridge/Overpass Applications.

APPLICATION

For all applications in site, area, and general lighting requiring high uniformity, excellent vertical light control, low maintenance, durability, reduces on-site glare and effective security light levels. The LAP luminaire delivers exceptional performance in a low-profile design.

FEATURES:

- Full cut-off LED module construction body on which electrical components.
- Die-cast integral heat sink to provide thermal management.
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- DLC listed. ¹
- ARRA compliant (optional).
- Suitable for wet location.
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- IP68 Rating.
- Certified to ANSI C136.31-2010, 3.0G Level 2 for Bridge/Overpass Applications.

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- Listed to UL 1598 and UL 8750.
- DLC listed. ¹
- ARRA compliant (optional).
- Suitable for wet location.
- LM79, LM80.
- 5 years limited warranty.
- IP68 Rating.
- Certified to ANSI C136.31-2010, 3.0G Level 2 for Bridge/Overpass Applications.

APPLICATION

For all applications in site, area, and general lighting requiring high uniformity, excellent vertical light control, low maintenance, durability, reduces on-site glare and effective security light levels. The LAP luminaire delivers exceptional performance in a low-profile design.

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- 5 years limited warranty.
- IP68 Rating.
- Certified to ANSI C136.31-2010, 3.0G Level 2 for Bridge/Overpass Applications.

APPLICATION

For all applications in site, area, and general lighting requiring high uniformity, excellent vertical light control, low maintenance, durability, reduces on-site glare and effective security light levels. The LAP luminaire delivers exceptional performance in a low-profile design.

FEATURES:

- Full cut-off LED module construction body on which electrical components.
- Die-cast integral heat sink to provide thermal management.
- PMS: Pole mount arm available for 3", 4" and 5" square pole.
- PMR: Pole mount arm available for 3" (PMR3), 4" (PMR4) and 5" (PMR5) dia. round poles.
- SF: Adjustable slip filter mount available for pipe installation (1-21/32" O.D. to 2-3/8" O.D.)
- WM: Wall mount plate.
- Mounting arm bolts are 304 stainless steel and zinc-plated steel.
- MA1: Available for 2.375"(O.D) sized Mast Arm Pole.
- MA2: Available for 1.900"(O.D) sized Mast Arm Pole.

LED:

- Color Temperature: 3000 / 4000 / 5000K.
- Color Rendering Index: 70+ CRI.
- Nichia LED.
- Lifetime: over 50,000 hours.
- Optical lens is used to reduce glare.

OPTIC:

- UV stabilized polycarbonate lens.

LISTING:

- UL / CUL listed.
- Listed to UL 1598 and UL 8750.
- DLC listed. ¹
- ARRA compliant (optional).
- Suitable for wet location.
- LM79, LM80.
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