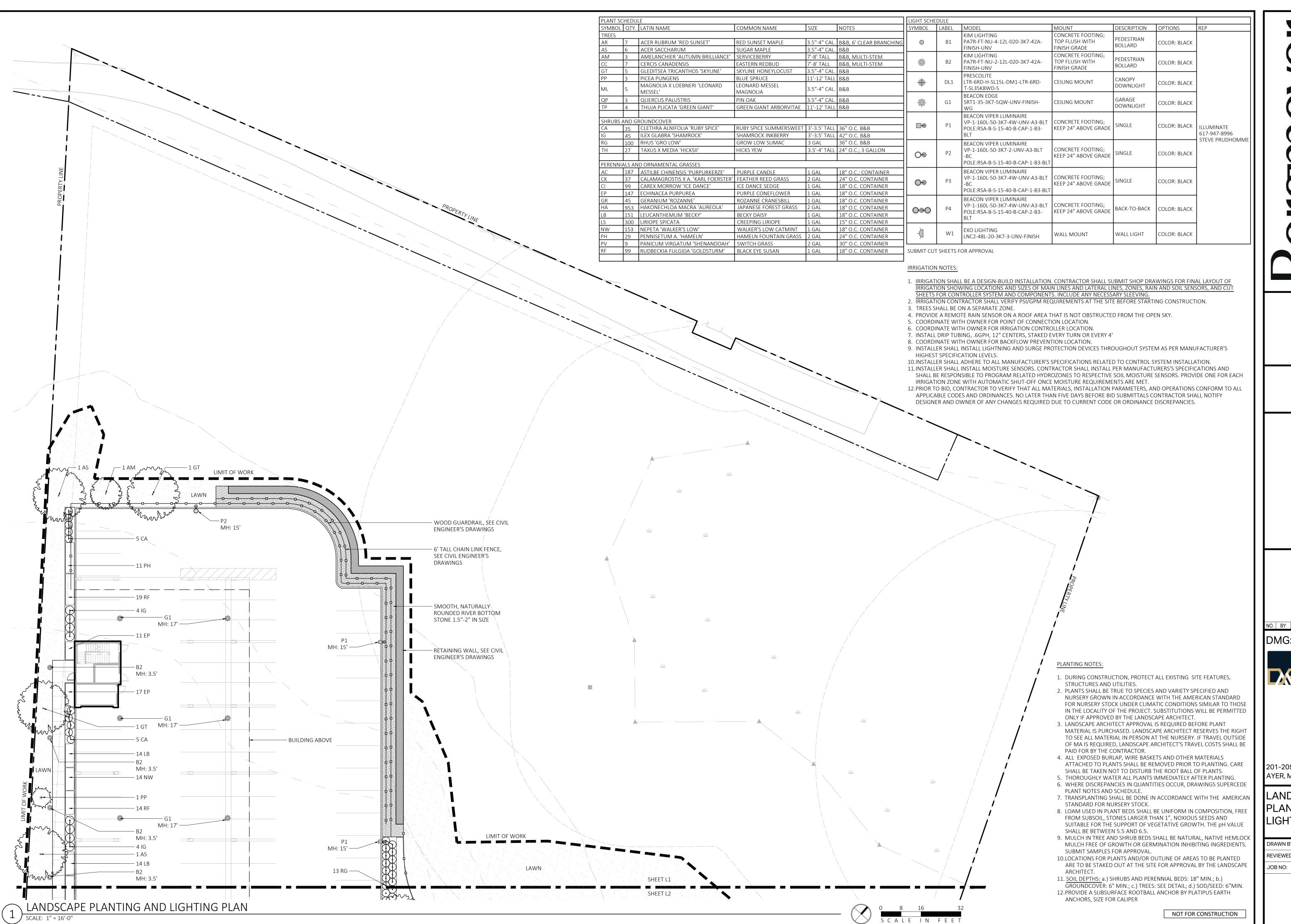


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Bos LA Columbus, OH 43215 617.542.1025 213.337.1090 Columbus, OH 43215 www.bergmeyer.com

NO. BY DATE DESCRIPTION

DMG: West Ayer Village



DMG INVESTMENTS

201-205 W MAIN ST. AYER, MA 01432

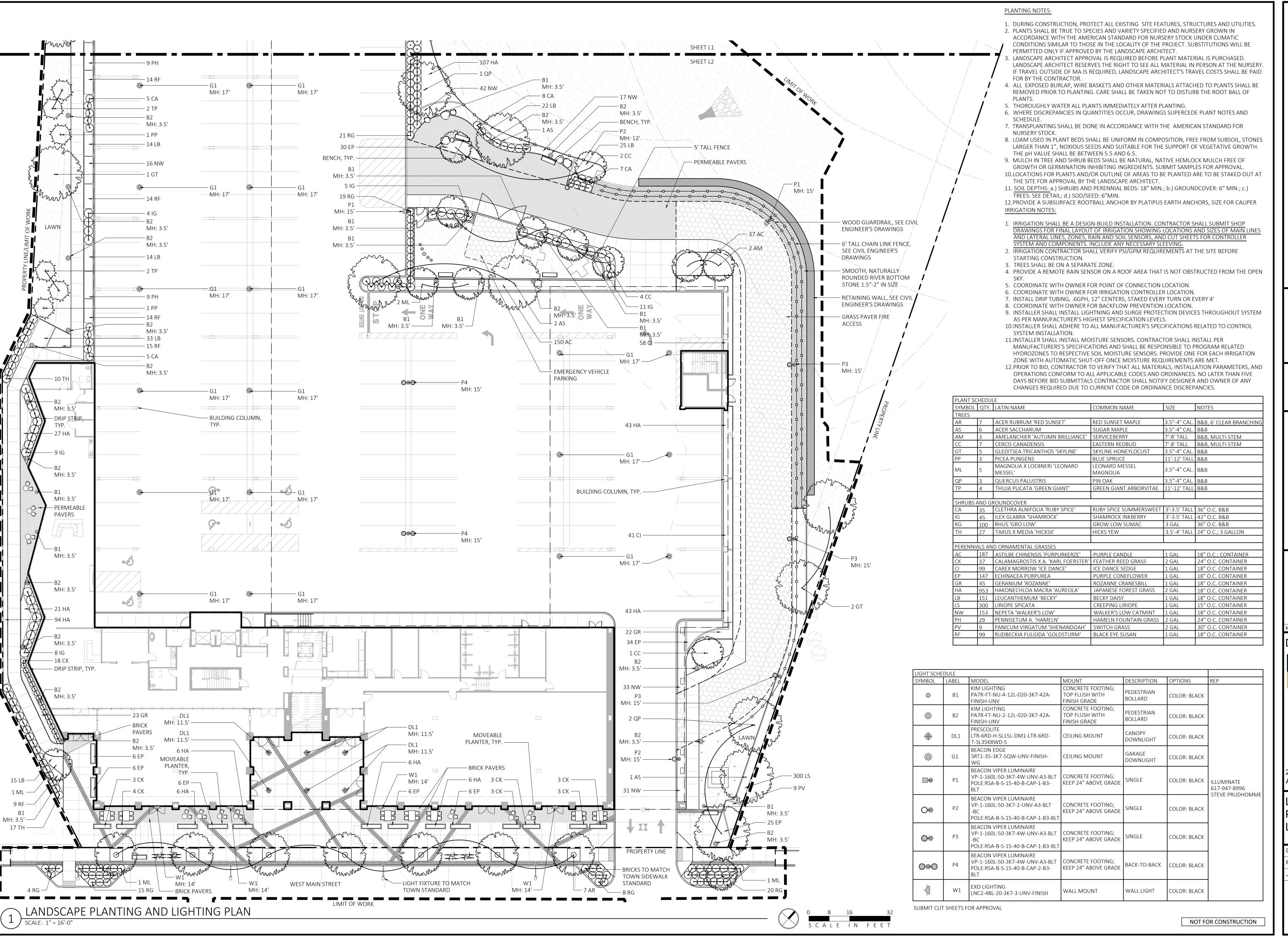
LANDSCAPE PLANTING AND LIGHTING PLAN

DRAWN BY: HB

REVIEWED BY: MD

JOB NO: 20220047.00

L1



| Solution MA 07210 | Los Anneles CA 90017 | Columbic OH 43215

IO. BY DATE DESCRIPTION

DMG: West Ayer Village

201-205 W MAIN ST. AYER, MA 01432

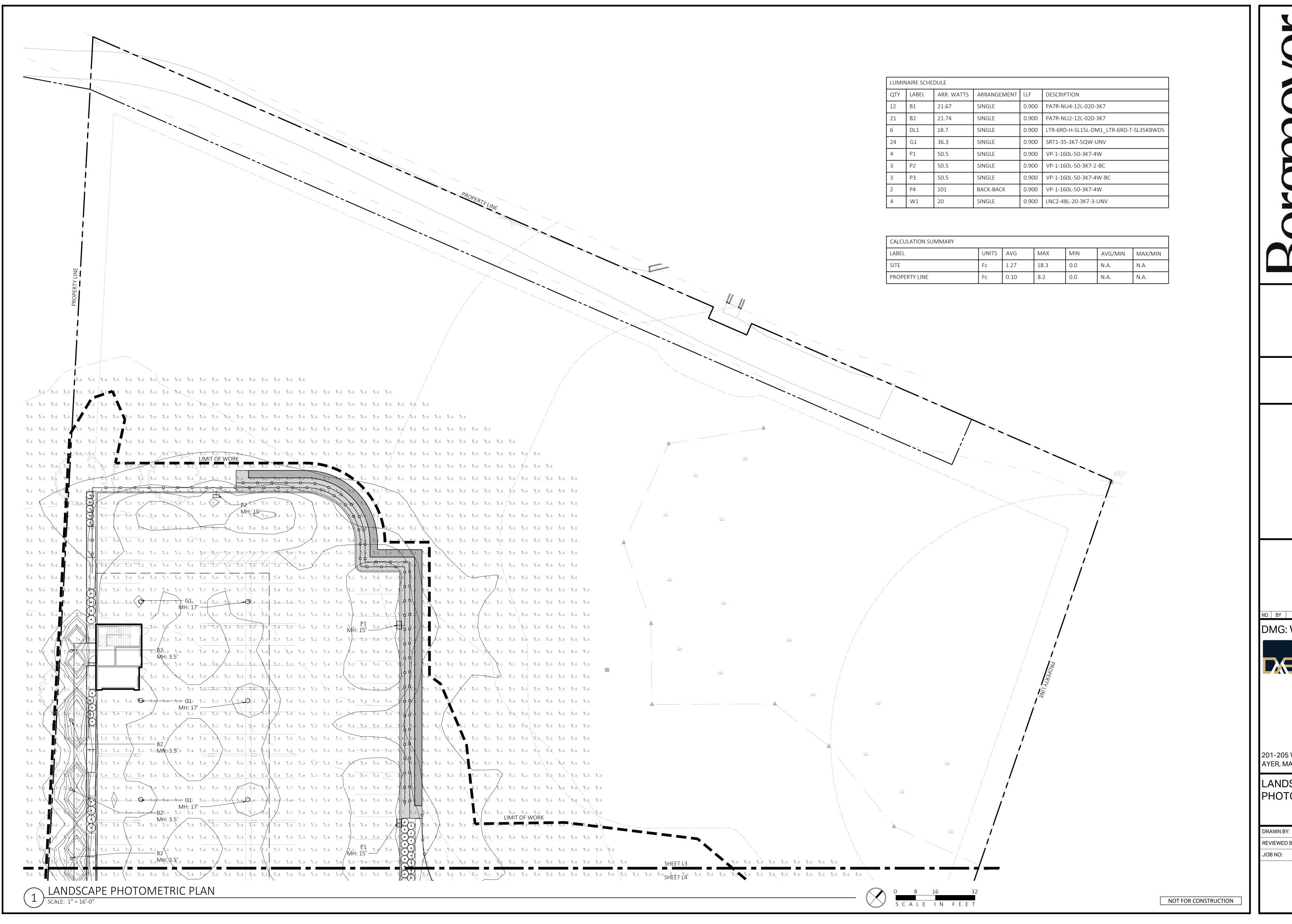
LANDSCAPE
PLANTING AND
LIGHTING PLAN

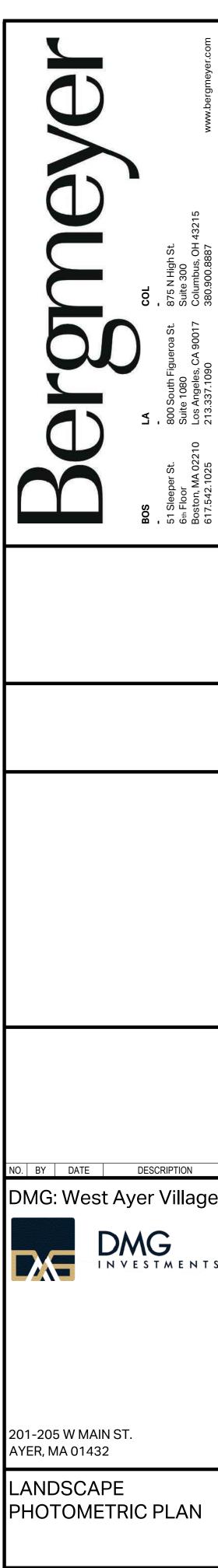
DRAWN BY: HB

REVIEWED BY: MD

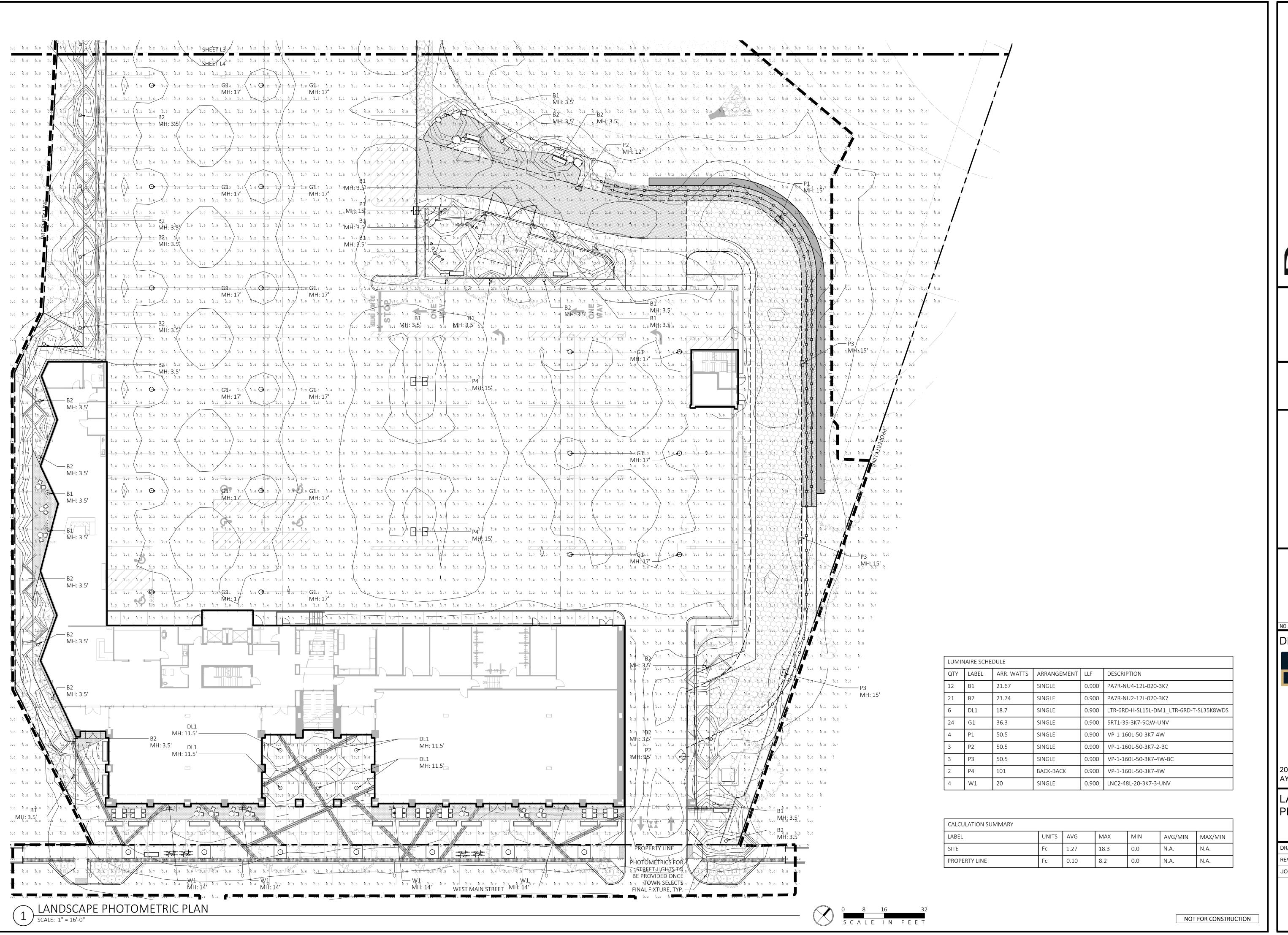
JOB NO: 20220047.00

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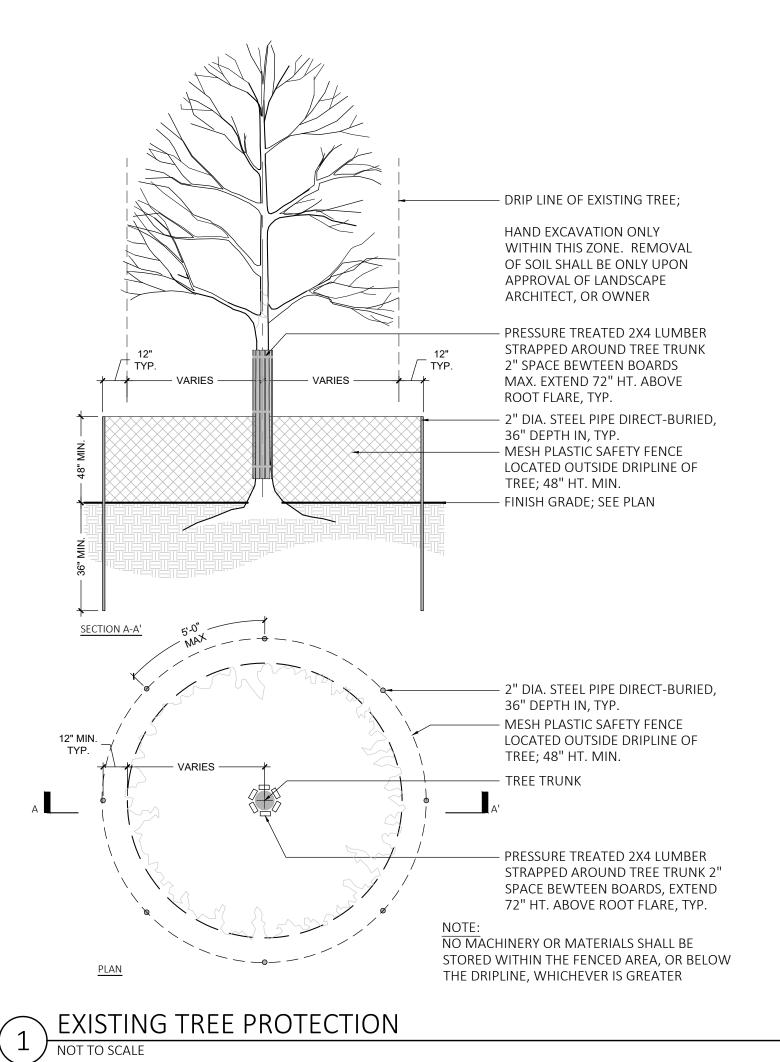
O. BY DATE DESCRIPTION DMG: West Ayer Village

201-205 W MAIN ST. AYER, MA 01432

LANDSCAPE PHOTOMETRIC PLAN

DRAWN BY: HB
REVIEWED BY: MD
JOB NO: 20220047.00

L4



— NEVER CUT TREE LEADER – MAINTAIN RELATIONSHIP OF ROOTFLARE TO FINISH GRADE AS EXISTED PRIOR TO INSTALL, TYP. – HOLD MULCH BACK FROM TRUNK OF TREE — BARK MULCH; SEE SPEC — TEMOPARY EARTH SAUCER — PLANTING MEDIUM; SEE SPEC BELOW-GRADE TREE ANCHORING SYSTEM; SEE SPEC. COMPACTED OR UNDISTURBED SUBGRADESCARIFY SURFACE OF SUBGRADE, TYP. – REMOVE ROPE / CAGE AND ROLL BACK BURLAP 1/3 ROOTBALL HT, MIN; TYP. EQ. 2' MIN. EQ. 2' MIN.

 NEVER CUT TREE LEADER – MAINTAIN RELATIONSHIP OF ROOTFLARE TO FINISH GRADE AS EXISTED PRIOR TO INSTALL, TYP. - HOLD MULCH BACK FROM TRUNK OF TREE – BARK MULCH; SEE SPEC - TEMOPARY EARTH SAUCER — PLANTING MEDIUM; SEE SPEC BELOW-GRADE TREE ANCHORING SYSTEM; SEE SPEC. - COMPACTED OR UNDISTURBED SUBGRADE SCARIFY SURFACE OF SUBGRADE, TYP. - REMOVE ROPE / CAGE AND ROLL BACK BURLAP 1/3 EQ. 2' MIN. ROOTBALL HT, MIN; TYP.

DECIDUOUS TREE PLANTING

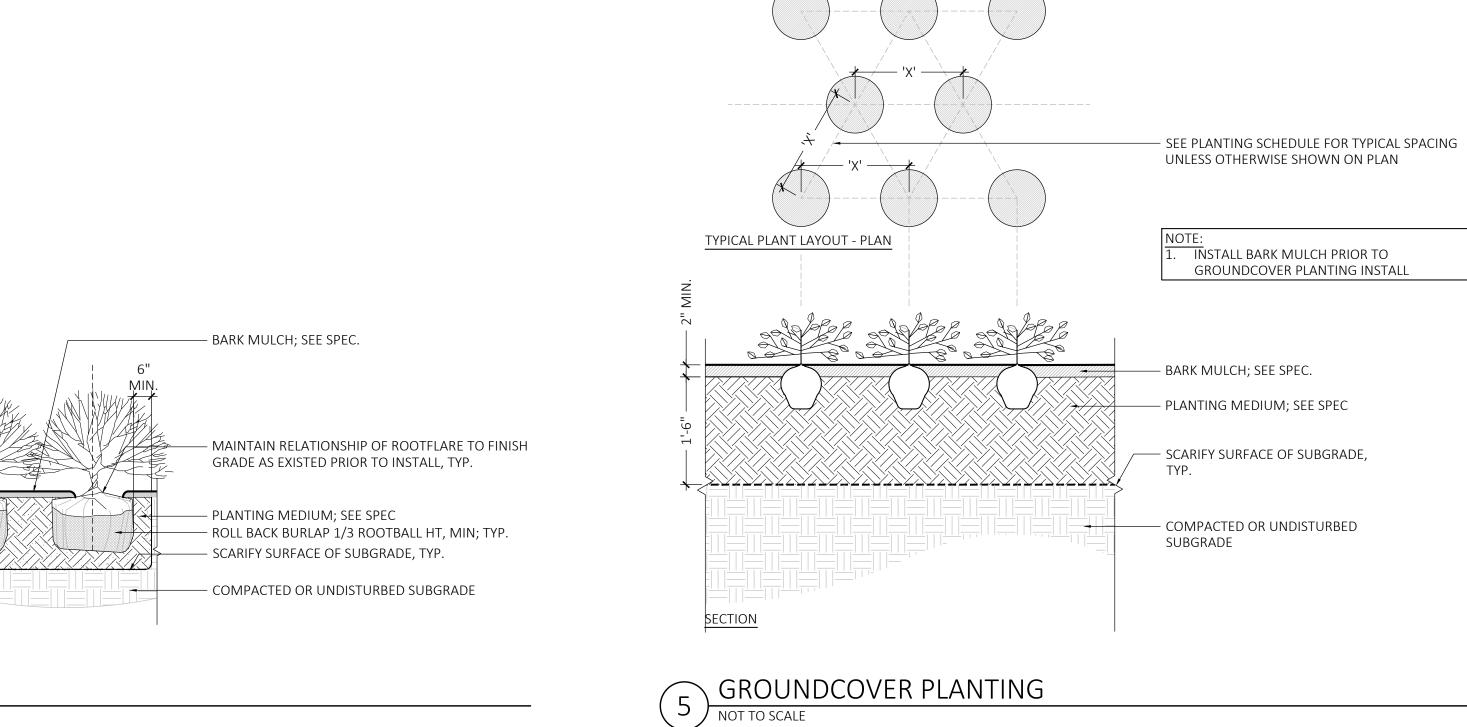
3 EVERGREEN TREE PLANTING
NOT TO SCALE

SPACING VARIES;

SEE PLANT SCHEDULE, OR AS

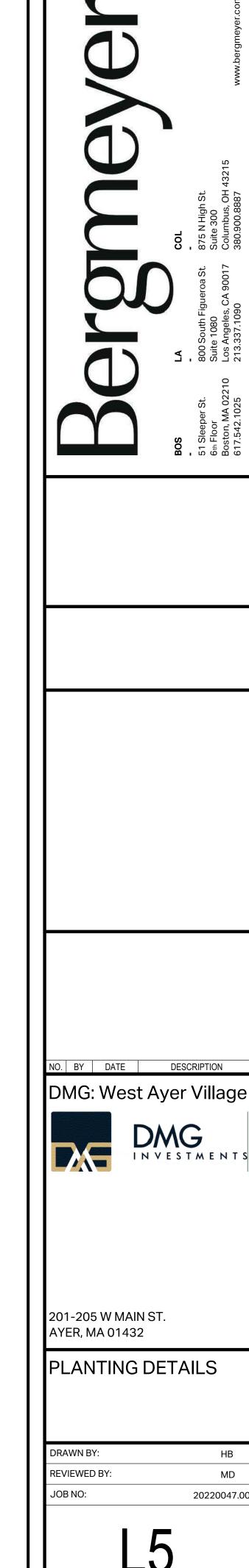
SHOWN ON PLAN

SHRUB PLANTING



NO. BY DATE DESCRIPTION DMG: West Ayer Village

NOT FOR CONSTRUCTION



### **FEATURES**

 IDA Dark Sky Compliant, No Up-light configuration • Elegant form factor blended with Performance Optics

• Integral NEMA 3R Enclosure

Dual receptacle power panel

 PA System capability Bluetooth® enabled RGBW accent



### **CONTROL TECHNOLOGY**

Bluetooth DMX (\*)pharas



## **SPECIFICATIONS**

## CONSTRUCTION

HOUSING: Castings are low copper aluminum alloy die-cast Gaskets are molded silicone to prevent harmful ingress to the lamp and driver compartments

# IP65 rated

 Aluminum shaft(s) is .125" thick extruded aluminum 6061 alloy

• Concrete shaft(s) conforms to current specifications for "Portland Cement." ASTM C150, Type I or II. Aggregates shall meet current requirements of "Specifications for Concrete Aggregates," ASTM C33. Water shall be clean and free from deleterious amounts of silt, oil, acids, alkalies or organic materials. Wire for reinforcement shall conform to ASTM A185. Steel for lugs and plates shall conform to ASTM

A36, or A283 grade D · Concrete shaft(s) is medium sand-blasted with anti-graffiti sealer and material color shall be integral to the concrete mix

• Concrete shaft(s) is cured to allow for completion of the hydration process, and result in a 28 day compressive strength of not less

than 4,500 psi • Concrete shaft(s) is cast from fiberglass molds used to insure uniform parts. Mold parting lines maybe slightly visible in finished parts

· Optical lenses are clear injection molded PMMA acrylic

• U0 configurations have an optically clear flat tempered glass lens, all other configurations

INSTALLATION Aluminum shaft configurations will have four 3/8" x 10" x 2" zinc plated L-hook anchor bolts shall to be installed with an included template. Nuts and washers are provided to

· Concrete shaft configurations will have four steel mounting tabs for installation on four 1/2" x 10" + 2" zinc electroplated L-hook anchor bolts. Each anchor bolt is supplied with two nuts, two washers, and a rigid pressed board

with adec moveme Fixtures n with natio

assembly (MCPCB)

**ELECTRICAL**  Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed • High voltage configurations, 208-277,

347/480. Driver is Underwriters Laboratories "Thermal Shield", secondary side, thermistor provides protection for the sustainable life of

LOCATION:

PROJECT:

Pavilion\*

RELATED PRODUCTS

Pavilion Square

CATALOG #:

LED module and electronic components • Drivers are greater than a 0.9 power factor, less than 20% harmonic distortion, and be suitable for operation in -40°C to 40°C ambient environments

 Luminaire is capable of operating at 100% brightness in a 40°C environment. Both driver and optical array have integral thermal protection that will dim the luminaire upon detection of temperatures in excess of 85°C

> (Specifications continued on page 3) KEY DATA Lumen Range 397-2350 14-22

## Current @

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29-108

L70/60,000

BEACON



## **FEATURES**

which provide the best distribution patterns for retrofit or new construction









**SPECIFICATIONS** CONSTRUCTION · Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface

 External hardware is corrosion resistant Micro Strike Optics (160, 320, 480, or 720 LED counts) maximize uniformity in applications and come standard with mid-power LEDs

which evenly illuminate the entire luminous surface area to provide a low glare appearance. Catalog logic found on page 2 • Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and naximum pole spacing in new applications

held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combine on the same application. Catalog logic found on page 3

 Both optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole

• One-piece silicone gasket ensures a weatherproof seal • Zero up-light at 0 degrees of tilt

 Field rotatable optics INSTALLATION Mounting patterns for each arm can be

found on page 11

 Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles · All mounting hardware included



have either an optically clear or high transmission diffused acrylic lens

level and secure the mounting plate to the anchor bolts • Aluminum shaft configurations will have a mounting plate and be able to be rotated 20° in either direction during installation for

aiming adjustment

codes. Failure to do so personal injury

· LEDs mount to a metal printed circuit board

e	
te shaft configurations are palletized	
equate hold-downs to prevent load	
ent in transit	E
s must be grounded in accordance tional, state and/or local electrical	F
Failure to do so may result in serious	

MICRUSTRIKE STRIKE

Efficacy Range (LPW)

Reported Life (Hours)



DATE:	LOCATION:	
TYPE:	PROJECT:	
CATALOG #:		

• Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots • Featuring two different optical technologies, Strike and Micro Strike Optics,

• Rated for high vibration applications including bridges and overpasses. All sizes are

 Control options including photo control, occupancy sensing, NX Lighting Controls™, wiSCAPE and 7-Pin with networked controls

• New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail • Field interchangeable mounting provides additional flexibility after the fixture has shipped









# INSTALLATION (CONTINUED)

Knuckle arm fitter option available for 2-3/8'

• For products with EPA less than 1 mounted to Corrosion resistant, die-cast aluminum housing a pole greater that 20ft, a vibration damper with 1000 hour powder coat paint finish ELECTRICAL Universal 120-277 VAC or 347-480 VAC input

> - Ambient operating temperature -40°C to 40°C • Drivers have greater than 90% power factor and less than 20% THD LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery Field replaceable surge protection device

provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed

provides two drivers which can be wired

ndependently as two sets of leads are extended from the luminaire. Both options cannot be combined Photo control, occupancy sensor programmable controls, and Zigbee wireless controls

available for complete on/off and dimming • Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application 7-pin ANSI C136 41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)

CONTROLS (CONTINUED) - 10V Dimming Drivers are standard and imming leads are extended out of the luminaire unless control options require

10-DAY QUICK SHIP PROGRAM

onnection to the dimming leads. Must pecify if wiring leads are to be greater than NX Lighting Controls<sup>™</sup> available with in fixture wireless control module, features dimming and occupancy sensor wiSCAPE® available with in fixture wireless

control module, features dimming and occupancy sensor. Also available in 7-pin CERTIFICATIONS DLC® (DesignLights Consortium Qualified), with some Premium Qualified onfigurations. Not all product variations sted in this document are DLC® qualified

Refer to http://www.designlights.org for the Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient

• 1.5 G rated for ANSI C136.31 high vibration applications · Fixture is IP65 rated Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt

 This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020.

WARRANTY  5 year warranty	
KEY DA	ГА
Lumen Range	5,000-80,000
Wattage Range	36–600
Efficacy Range (LPW)	92–155
Weight lbs. (kg)	13.7-30.9 (6.2-13.9)



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Rev 03/13/23 BEA\_VIPERSPEC\_R04















prescolite

LITEISTRY 6" ROUND DOWNLIGHT

• 2700K – 5000K, 80+ and 90+ CRI options

• 6" architectural LED downlight delivering 600 – 9000 lm

Quiet reflector appearance with superior 50° optical cutoff

• Available for New Construction (non-IC), IC and Chicago

Variety of dimming protocol options including 0–10V, DALI,

• NX Lighting Controls wired and wireless controls

Five beam distributions from 0.3 to 1.1 Spacing Criteria

LTR-6RD

Plenum applications

DMX, and Lutron EcoSystem

**FEATURES** 

### **SPECIFICATIONS**

CONSTRUCTION • Standard Non-IC. Chicago Plenum and IC options

· Painted black durable steel platform with pre-installed bar hangers • Pre-wired junction box with snap-on covers

for easy access • Snap-in connection from driver compartment allows easy installation Light Engine connections use plenum rated

(CMP) cable OPTICS • Visually pleasing 50° cutoff to source and source image

• The light distribution is free of distracting bright spots or pixelation and the perimeter has a smooth transition Optical grade silicone lens integral to

 High purity spun aluminum reflector, self-flanged • Flush Mount flange option with mud-in

light engine

ring available

• Large selection of anodized finishes and colors • Painted cones and flange options available





LOCATION:

PROJECT:

ELECTRICAL Chip-on-board LED with 2 SDCM

 Multiple CCTs, 80+ or 90+ CRI • Long LED life: L90 at >55,000 hours (TM-21) member; 0.5" above fixture • Universal voltage 120V–277V driver,

347V optional • UL Class 2, inherent short circuit and overload protection

Flicker free 0-10V dimming with 1% or

 DALI, DMX, and Lutron EcoSystem options NX or Lutron Vive control options available Integral and remote controller and battery

pack options available Refer to additional spec sheets for information on SpectraSvnc™ Tunable White or Dim-to-Warm or solutions INSTALLATION

<1% performance

• Accommodates ceiling thickness up to 2" (SL, ML, HL); up to 1.25" (VL, XL) (See DIMENSIONS section for details) · Universal adjustable mounting brackets also accept 0.5" EMT conduit or 1.5" or 0.75" lathing channel (by others) or Prescolite

above or below the ceiling

accessory bar hangers (B24 or B6).

Light Engine/Driver fully serviceable from

CERTIFICATIONS cCSAus certified to UL 1598

• For ≥70L: Marked spacing required 36" fixture center to center; 36" fixture center to building

· Suitable for wet locations, covered ceiling EM/ EMR: Suitable for damp locations.

· EM/EMR: Certified under UL 924 standard for

emergency lighting and power equipment · When used with CE Bezel Trim Accessories: IP66/IP69K rating; also meets IK10 per IEC 60068-2-75 impact testing

 Approved for 8 (4 in/4 out) No. 12AWG conductors rated for 90°C through wiring

• ENERGY STAR® certified models

Materials under Trade Agreements

available (For list and additional information, visit www.energystar.gov) • This product qualifies as a "designated country construction material" per F AR 52.225-11 Buy American-Construction.

### effective 6/6/2020. WARRANTY 5 year warranty

KEY DATA	4
Lumen Range	600-9000
Wattage Range	8-99
Efficacy Range (LPW)	94-104*
Reported Life (Hours)	L90/>55,000
Input Current (mA)	65-825 (120V)
*E	Based on Specular, 35K, 80 CRI

Page **1** of **10** 

Rev 04/24/23

LTR-6RD\_R04

currentlighting.com/prescolite © 2022 HLI Solutions, Inc. All rights reserved. Information and specifications subject to change DL1 CANOPY DOWN LIGHT

LOCATION:

PROJECT:



Current @

## SMALL LED LITEPAK

FEATURES

• 60% more lumens and increased performance than smaller LNC models

 3000K, 4000K and 5000K as well as Amber • Type II, III and IV distributions available for a variety of application needs · Quick-mount adapter allows easy installation/maintance

 347V and 480V versions for industrial applications and Canada Stock versions available for fast service Full cut-off, neighbor friendly



















# **CONTROL TECHNOLOGY**

LIGHTING CONTROLS

**SPECIFICATIONS** CONSTRUCTION Rugged die-cast aluminum housing protects components and provides an architectural appearance

· Casting thermally conducts LED heat to optimize performance and long life · Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating.

· Zero uplight distributions using individual acrylic Micro Strike Optics LED optics provide IES type III and IV distributions. Optional (CS) acrylic diffuser available for reduced glare Prismatic refractor lens provides ~10% uplight

for increased vertical footcandles and forward

TM-21-11), see table on page 3 for all values

light projection ideal for security lighting

L96 at 60,000hrs (Projected per IESNA

INSTALLATION Quick-mount adapter provides easy installation to wall or to recessed junction boxes (4" square junction box) Designed for direct j-box mount. Optional 1/2" conduit hubs available (standard for control options and battery

## ELECTRICAL 120V-277V universal voltage 50/60Hz 0-10V

dimming drivers 347V and 480V dimmable driver option available in 25W and 35W configurations

Minimum operating temperature is -40°C/-

• Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion Driver RoHS and IP66 • 10kA surge protector available as an option

 3000K CCT nominal, 4000K CCT nominal, 5000K CCT nominal (70 CRI) Universal button photocontrol for use with 120-

277V configurations

 NX Lighting Controls<sup>™</sup> available that feature dimming and occupancy sensor Integral Battery Backup provides emergency lighting for the required 90 minute path of egress. Uses 15 watts of power for about 2000 lumens • Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting

the luminaire, where Dual Power Feed

provides two drivers which can be wired

independently as two sets of leads are

can not be included in one fixture.

extended from the luminaire. Both options

Occupancy sensor options available for

complete on/off and dimming control

CERTIFICATIONS Listed to UL1598 and CSAC22.2#250.0-24 for wet locations

This product qualifies as a "designated

country construction material" per FAR

52.225-11 Buy American-Construction

• DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations on this page are DLC Qualified. Refer to http://www. designlights.org/ for the most up-to-date list. Fixture is IP65 rated

Materials under Trade Agreements effective 04/23/2020. **NARRANTY** 5 year warranty

KEY DATA           Lumen Range         1000-5600           Wattage Range         10-45
Wattage Range 10-45
Efficacy Range (LPW) 108-124
Weights lbs. (kg) 9.6 (24.5)

Page 1 of 5 Rev 03/14/23 HOL\_LNC2LED\_spec\_R01



• For ceiling mount and parking garage applications from an 8–15

• Edge-lit flat lens for optimal visual comfort and uniformity across

• Two optical distributions specifically design for parking garage and

canopy applications are available making the Beacon Edge-Lit

## **SPECIFICATIONS**

BEACON design , performance , technology

**FEATURES** 

the lens

foot mounting height

SRT1 EDGE-LIT

luminaire both versatile and functional

**ELECTRICAL** • Die-cast aluminum housing ensures long electrical component life and

luminaire performance Corrosion resistant powder coat finish both protects and provides architectural appearance

• One piece molded silicone gasket ensures weather proof seal Thermally isolated driver mounted to

dedicated bracket reduces operating

temperatures and increases driver life

and reliability

non-pixelated light for unprecedented visual comfort Choice of multiple light outputs with lumen range of 2000–6000

• Two distribution types: Type 5 Square Wide,

Type 5 Concentrated • Wide variety of CCT's and CRI's offered: 3000K (70CRI), 3000K (80CRI), 3500K (80CRI), 4000K (70CRI), 4000K (80CRI) or 5000K (70 CRI) CCT

Current @

• 120V–277V 50/60Hz available • 0–10V dimming drivers are RoHS compliant Dimming Drivers are standard and dimming

unless control options require connection to the dimming leads. Must specify if wiring leads are to be greater than the 24" standard

INSTALLATION

 Standard quick mount plate over standard 4' junction box or octagonal junction box and allows for simplified fixture installation Standard luminaire accepts a rigid or 3/4" NPT stem for pendant mounting via wet

leads are extended out of the luminaire

location j-box (by others) Edge-lit acrylic light guide provides blended Optional bird deterrent shroud available

for field installation OPTIONS/CONTROLS Standalone occupancy sensor available for on/off or dimming operation

additional watts Vandal resistant wire guard available as an option for factory installation or as an accessory for field installation

Please consult brand or sales representative

as some combinations may not operate as

anticipated depending on your application

when combining control and electrical options

800 lumens and consumes only 8

Uplight option provides approximately

2000-6800 15-55W 99–118 8 (3.6) Weight lbs. (kg)

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CERTIFICATIONS

IP65

WARRANTY

5 year warranty

LOCATION:

PROJECT:

DRIVE

CATALOG #:

· Listed to UL1598 for use in wet location, listed for -40°C to 40°C applications IDA approved with zero uplight for 3000K and warmer CCTs

• DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org This product qualifies as a "designated

country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 04/23/2020.

KEY DATA Lumen Range Wattage Range Efficacy Range (LPW)

Rev 10/31/22 BEA\_SRT1\_Edgelit\_R01

NO. BY DATE DESCRIPTION



201-205 W MAIN ST.

AYER, MA 01432

DRAWN BY:

LIGHTING CUT SHEETS

REVIEWED BY: MD JOB NO: 20220047.00

versions)

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