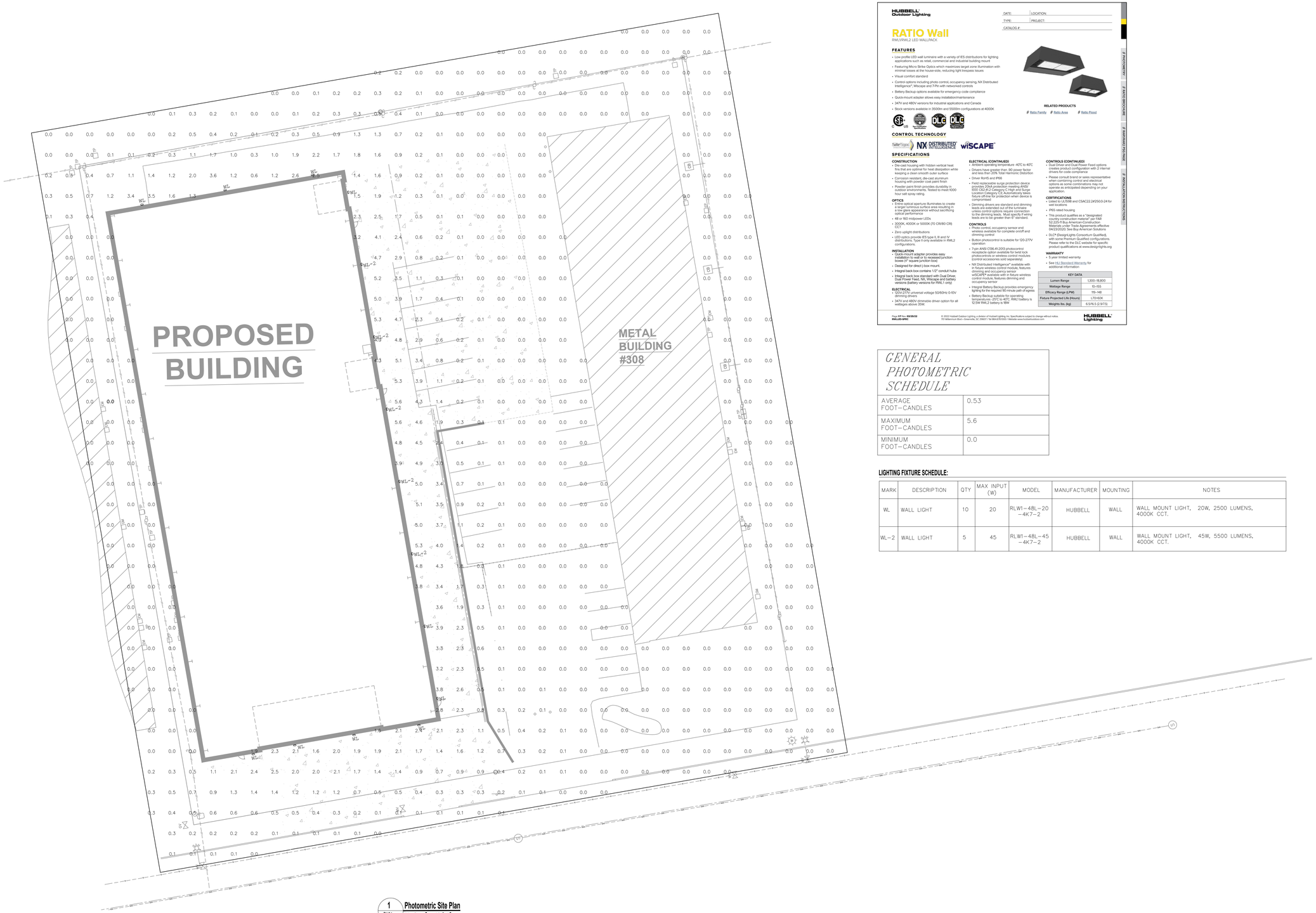

1 PH01 **Photometric Site Plan**
SCALE: 1" = 250'-0"

HUBBELL Outdoor Lighting

DATE: LOCATION:
TYPE: PROJECT:
CATALOG #

RATIO Wall

RWLR/RWL2 LED WALLPACK

FEATURES

- Low profile LED wall luminaire with a variety of IES distributions for lighting applications such as retail, commercial and industrial building mount
- Featuring Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass issues
- Visual comfort standard
- Control options including photo control, occupancy sensing, NX Distributed Intelligence™, Wiscape and 7-Pin with networked controls
- Battery Backup options available for emergency code compliance
- Quick-mount adapter allows easy installation/maintenance
- 347V and 480V versions for industrial applications and Canada
- Stock versions available in 3500lm and 5500lm configurations at 4000K

CONTROL TECHNOLOGY

SafeTrigue NX DISTRIBUTED INTELLIGENCE wiSCAPE

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins that are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with powder coat paint finish
- Powder paint finish provides durability in outdoor environments. Tested to meet 1000 hour salt spray rating.

OPTICS

- Entire optical aperture illuminates to create a larger luminous surface area resulting in low surface brightness without sacrificing optical performance
- 48 or 160 midpower LEDs
- 3000K, 4000K or 5000K (70 CRI/80 CRI) CCT
- Zero-uplight distributions
- LED optics provide IES type II, III and IV distributions. Type II only available in RWL2 configurations.

INSTALLATION

- Quick-mount adapter provides easy installation to wall or to recessed junction boxes (4" square junction box)
- Designed for direct j-box mount.
- Integral back box contains 1/0" conduit hubs
- Integral back box standard with Dual Driver, Dual Power Feed, NX, Wiscape and battery versions (battery versions for RWL1 only)

ELECTRICAL

- 120V-277V universal voltage 50/60Hz 0-10V dimming drivers
- 347V and 480V dimmable driver option for all wattages above 35W.

ELECTRICAL (CONTINUED)

- Ambient operating temperature -40°C to 40°C
- Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- Driver IlorHS and IP66
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Combination Wave. Protection can fail in future off-line for protection when device is compromised
- Dimming drivers are standard and dimming leads are extended out of the luminaire for easy access. Not all luminaires connected to the dimming leads. Must specify if wiring leads are to be greater than 6" standard.

CONTROLS

- Photocontrol, occupancy sensor and wireless available for complete on/off and dimming control
- Button photocontrol is suitable for 120-277V operation
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- NX Distributed Intelligence™ is available with in fixture wireless control module, features dimming and occupancy sense. wiSCAPE® available with in fixture wireless control module, features dimming and occupancy sensor
- Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- Battery Backup suitable for operating temperatures -25°C to 40°C. RWL1 battery is 12.5W. RWL2 battery is 18W

CONTROLS (CONTINUED)

- Dual Driver and Dual Power Feed options creates product configuration with 2 internal drivers for code compliance
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application.

CERTIFICATIONS

- Listed to UL 1598 and CSA C22.2#250.0-24 for wet locations
- IP65 rated housing
- This product qualifies as a "designated country end product" according to FAR 52.225-5 Buy American-Construction Materials under Trade Agreements effective 04/23/2020. See Buy American Solutions
- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Please refer to the DLC website for specific product qualifications at www.designlights.org

WARRANTY

- 5 year limited warranty
- See HLI Standard Warranty for additional information

KEY DATA	
Lumen Range	1,300–18,800
Wattage Range	10–155
Efficacy Range (LPW)	115–148
Fixture Projected Life (Hours)	1,70-60K
Weights lbs. (kg)	6.5/16.5 (2.9/7.5)

RELATED PRODUCTS
Ratio Family Ratio Area Ratio Flood

PHOTOMETRIC RATIO DESCRIPTIVE WARRANTY INSTALLATION INSTRUCTIONS

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RWLSERI-SPEC

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HUBBELL Lighting

GENERAL PHOTOMETRIC SCHEDULE	
AVERAGE FOOT–CANDLES	0.53
MAXIMUM FOOT–CANDLES	5.6
MINIMUM FOOT–CANDLES	0.0

LIGHTING FIXTURE SCHEDULE:

MARK	DESCRIPTION	QTY	MAX INPUT (W)	MODEL	MANUFACTURER	MOUNTING	NOTES
WL	WALL LIGHT	10	20	RLW1–48L–20 –4K7–2	HUBBELL	WALL	WALL MOUNT LIGHT, 20W, 2500 LUMENS, 4000K CCT.
WL–2	WALL LIGHT	5	45	RLW1–48L–45 –4K7–2	HUBBELL	WALL	WALL MOUNT LIGHT, 45W, 5500 LUMENS, 4000K CCT.