

DRAWING SCHEDULE		SITE DEVELOPMENT PLAN MARCH 26, 2024
SHEET	DESCRIPTION	
E01	LEGEND AND GENERAL NOTES	●
E02	PHOTOMETRIC STUDY	●
E03	LIGHTING CUT SHEETS	●
TOTAL SHEETS IN ISSUE:		3

LIGHTING FIXTURE SCHEDULE

LIGHTING FIXTURE CATALOG NUMBERS ARE SERIES TYPE ONLY. PROVIDE TRIMS, BALLASTS, MOUNTING EQUIPMENT, FITTINGS AND LAMPS AS REQUIRED BY THE SPECIFICATIONS AND PROJECT CONDITIONS FOR A COMPLETE INSTALLATION. THIS IS NOT A STANDALONE SCHEDULE AND FIXTURES MUST INCORPORATE ALL WORK INDICATED OR IMPLIED THROUGHOUT THE DRAWINGS AND SPECIFICATIONS.

- SUBSTITUTION DEFINITIONS**
- OR EQUAL = EQUAL OR SUPERIOR TO SPECIFIED IN ALL RESPECTS WILL BE ALLOWED. ENGINEER'S PRE-BID APPROVAL IS NOT REQUIRED. PROPOSED EQUAL FIXTURES ARE SUBJECT TO REVIEW DURING THE STANDARD SUBMITTAL PROCESS.
 - NO EQUAL = PROVIDE SPECIFIED FIXTURE. SUBSTITUTIONS ARE NOT ALLOWED.
 - SUBJECT TO REVIEW = EQUAL OR SUPERIOR TO SPECIFIED IN ALL RESPECTS MAY BE ALLOWED ONLY WITH ENGINEER'S APPROVAL. ALL SUBSTITUTIONS MUST BE SUBMITTED AS REQUIRED BY SPECIFICATIONS AND ACCOMPANIED WITH POINT BY POINT LIGHTING CALCULATIONS. DETERMINATION OF EQUAL IS ENGINEER'S SOLE DISCRETION.

TYPE	SYMBOL	DESCRIPTION AND MANUFACTURER
250W		EXISTING 2-HEAD POLE MOUNTED SHOE BOX METAL HALIDE FIXTURE. POLE: 30' AFG LAMP: 250W METAL HALIDE VOLTAGE: UNV MANUFACTURER: *EXISTING* SUBSTITUTIONS: ○ OR EQUAL ○ SUBJECT TO REVIEW ● NO EQUAL
250W		EXISTING 2-HEAD POLE MOUNTED SHOE BOX METAL HALIDE FIXTURE. POLE: 16' AFG LAMP: 250W METAL HALIDE VOLTAGE: UNV MANUFACTURER: *EXISTING* SUBSTITUTIONS: ○ OR EQUAL ○ SUBJECT TO REVIEW ● NO EQUAL
300W		IES FILE EQUIVALENT: GFLD-SASE-750-U-WR-VSR OUTDOOR LED FLOOD LIGHT FIXTURE, 0-10V DIMMABLE, 42000LM, IP65 LAMP: LED, 5000K, 42000 LM VOLTAGE: UNV MANUFACTURER: UNUNONO SUBSTITUTIONS: ● OR EQUAL ○ SUBJECT TO REVIEW ○ NO EQUAL

APPROVED
Plan Review

04/10/2024 1:21:08 PM
dsdweeks

**EPC Planning & Community
Development Department**

All new fixtures to be downlit in fixed position.

ELECTRICAL LEGEND	
<ul style="list-style-type: none"> PANELBOARD: SURFACE MOUNTED PANELBOARD: FLUSH MOUNTED SWITCHBOARD OR DISTRIBUTION PANEL TRANSFORMER PULLBOX / VAULT MOTOR STARTER COMBINATION MOTOR STARTER COMBINATION MOTOR STARTER PROVIDED BY OTHERS (COORDINATE WITHSTAND RATINGS WITH EQUIP SUPPLIER) DISCONNECT SWITCH - FUSIBLE (FUSED PER EQUIP. NAMEPLATE) DISCONNECT SWITCH - NON-FUSIBLE DISCONNECT SWITCH PROVIDED BY OTHERS (COORDINATE WITHSTAND RATINGS WITH EQUIP SUPPLIER) VARIABLE FREQUENCY DRIVE VARIABLE FREQUENCY DRIVE PROVIDED BY OTHERS (COORDINATE WITHSTAND RATINGS WITH EQUIP SUPPLIER) ENCLOSED CIRCUIT BREAKER GROUND ROD SHUNT TRIP STATION OR EMERGENCY PUSHBUTTON REMOTE METER 	<ul style="list-style-type: none"> SINGLE RECEPTACLE: 20A, 125V, NEMA 5-20, +18" AFF DUPLEX RECEPTACLE: 20A, 125V, NEMA 5-20, +18" AFF DUPLEX RECEPTACLE: HALF SWITCHED, +18" AFF DUPLEX RECEPTACLE GFI TYPE - 20A, 125V, NEMA 5-20 GFI +18" AFF QUAD RECEPTACLE: 20A, 125V, NEMA 5-20, +18" AFF ISOLATED GROUND TYPE RECEPTACLE (ORANGE TRIANGLE), 20A, 125V, NEMA 5-20G, +18" AFF COMBO DUAL USB CHARGER / DUPLEX RECEPTACLE, 5.1A, (1) TYPE A & (1) TYPE C USB (3.1, 3.0, 2.0 AND 1.1 COMPATIBLE), 20A, 125V, NEMA 5-20R, +18AFF QUAD USB CHARGER, 5.1A, (2) TYPE A & (2) TYPE C USB (3.1, 3.0, 2.0 AND 1.1 COMPATIBLE), +18AFF SPECIAL PURPOSE RECEPTACLE: SEE DWGS FOR NEMA CONFIGURATION DUPLEX RECEPTACLE: FLOOR MOUNTED QUAD RECEPTACLE: FLOOR MOUNTED DUPLEX RECEPTACLE: CEILING MOUNTED QUAD RECEPTACLE: CEILING MOUNTED BLANK GFCI PROTECTIVE DEVICE IN READILY ACCESSIBLE LOCATION (LABEL PROTECTED DEVICES) DUPLEX "CLOCK" RECEPTACLE: 125V, NEMA 5-20R, +60" AFF DEVICE MOUNTED AT NON-STANDARD HEIGHT. IF NO HEIGHT SHOWN VERIFY HEIGHT WITH ARCHITECT MULTI-OUTLET ASSEMBLY: SPACING PER DWGS
<ul style="list-style-type: none"> DATA / VOICE OUTLET: 18" AFF - 1 VOICE, 1 DATA JACK, 2 BLANKS DATA / VOICE OUTLET: FLOOR MOUNTED MULTI-OUTLET ASSEMBLY: SPACING PER DWGS TELEPHONE OUTLET: 18" AFF DATA OUTLET: 18" AFF DEVICE MOUNTED AT NON-STANDARD HEIGHT. IF NO HEIGHT SHOWN VERIFY HEIGHT WITH ARCHITECT SPEAKER TELEVISION OUTLET: 18" AFF (UNO) TELEPHONE TERMINAL BOARD (TTB) VOLUME CONTROL GROUNDING BAR 	<ul style="list-style-type: none"> GROUND FAULT INTERRUPTER DEVICE METERING DEVICE REMOTE METER SHUNT TRIP DEVICE TRANSFORMER CURRENT TRANSFORMER GENERATOR MOTOR - # INDICATES HP INTERRUPTER SWITCH GROUND FAULT RELAY W/ CT OR SENSOR FUSE CIRCUIT BREAKER DRAWOUT CIRCUIT BREAKER TRANSFER SWITCH (A-AUTOMATIC, M-MANUAL) # FOR POLES 2, 3 OR 4 SURGE PROTECTION DEVICE
<ul style="list-style-type: none"> SINGLE POLE SWITCH 48" AFF THREE WAY SWITCH 48" AFF FOUR WAY SWITCH 48" AFF KEY OPERATED SWITCH 48" SWITCH WITH LIGHTED HANDLE MANUAL MOTOR STARTER SWITCH WITH PILOT LIGHT 48" AFF TIME WALL SWITCH EQUAL TO HUBBELL DT2000W 48" AFF DIMMER OPERATED SWITCH 48" AFF OCCUPANCY SENSOR - WALL MOUNTED 48" AFF 0-10V DIMMING OCCUPANCY SENSOR - WALL MOUNTED 48" AFF - EQUAL TO SENSOR SWITCH WSX-D OCCUPANCY SENSOR - CEILING MOUNTED. PROVIDE WITH POWER PACK PER MFG REQUIREMENTS. OCCUPANCY SENSOR - CORNER MOUNTED. PROVIDE WITH POWER PACK PER MFG REQUIREMENTS. CONTROL STATION CONTACTOR OR RELAY PHOTOELECTRIC CELL (ON ROOF FACING NORTH UNO) TIMECLOCK 	<ul style="list-style-type: none"> NORMALLY OPEN (NO) CONTACT NORMALLY CLOSED (NC) CONTACT COIL - VOLTAGE PER CONTROL DIAGRAMS PILOT LIGHT (LED) PUSH-TO-TEST. LETTER INDICATES COLOR (R=RED, G=GREEN, A=AMBER, Y=YELLOW) PILOT LIGHT (LED) NON PUSH-TO-TEST THERMAL OVERLOAD MAGNETIC OVERLOAD PUSH BUTTON NORMALLY OPEN (NO) PUSH BUTTON NORMALLY CLOSED (NC) HAND-OFF-AUTO (HOA) SELECTOR SWITCH LIMIT SWITCH NORMALLY OPEN (NO) LIMIT SWITCH NORMALLY CLOSED (NC) PUSH BUTTON ILLUMINATED (LED)
<ul style="list-style-type: none"> CONDUIT/RACEWAY IN WALL OR ABOVE CEILING CONDUIT/RACEWAY BELOW GRADE OR BELOW FLOOR BREAK OR RUN CONTINUES OVERHEAD SERVICE PRIMARY SECONDARY COMMUNICATIONS OR SIGNAL TELEPHONE TELEVISION LOW VOLTAGE AND/OR CONTROL WIRING EMERGENCY CIRCUIT CONDUIT/RACEWAY STUB OUT: MARK AND CAP (SITE) CONDUIT/RACEWAY SLEEVE 	<ul style="list-style-type: none"> * FIXTURE SCHEDULE HAS PRECEDENCE * LENSED TROFFER VOLUMETRIC TROFFER FLANGED TROFFER SURFACE MOUNT TROFFER STRIP FIXTURE DOWNLIGHT WALL PACK POLE MOUNT EMERGENCY LIGHTING UNIT EXIT SIGN FIXTURE - SHADED AREA DENOTES LIGHTED FACE - ARROWS INDICATE DIRECTION SHADING INDICATES EGRESS FIXTURE
<ul style="list-style-type: none"> E = EQUIPMENT H = ELECTRIC HEAT K = KITCHEN EQUIP L = LIGHTING M = MOTOR M1= LARGEST MOTOR R = RECEPTACLES 	<ul style="list-style-type: none"> THERMOSTAT (PROVIDED BY MECH. CONTRACTOR UNO) JUNCTION BOX (SIZE AS REQUIRED UNO) SHEET NOTE DESIGNATION FIXTURE DESIGNATION: F1=TYPE (SEE FIXTURE SCH.) REVISION DELTA: NUMBER REPRESENTS REVISION FEEDER DESIGNATION EQUIPMENT CONNECTION
<p>BREAKERS: 20 = SINGLE POLE CIRCUIT BREAKER 20/2 = TWO POLE CIRCUIT BREAKER 20/3 = THREE POLE CIRCUIT BREAKER 20A = ARC FAULT CIRCUIT BREAKER 20C = CONTROLLABLE CIRCUIT BREAKER 20G = GFI CIRCUIT BREAKER</p>	
<p>NOTE: THIS IS A MASTER SYMBOL LIST. IT MAY BE THAT NOT ALL SYMBOLS SHOWN ARE USED WITHIN THIS SET OF PLANS. HEIGHTS GIVEN ARE TO TOP OF BOX.</p>	



PK Electrical, Inc.
Engineering - Design - Consulting

681 Sierra Rose Drive, Suite B
Reno, NV 89511
775-825-9010

4601 DTC Boulevard, Suite 740
Denver, CO 80237
720-481-3290
pk@electrical.com
24064



Karen Purcell

**BLACK FOREST MAINTENANCE FACILITY
SITE PHOTOMETRIC PLAN**

OWNER: PIONEER LANDSCAPE CENTERS, 630 PLAZA DR., STE. 150, HIGHLANDS RANCH, CO 80129

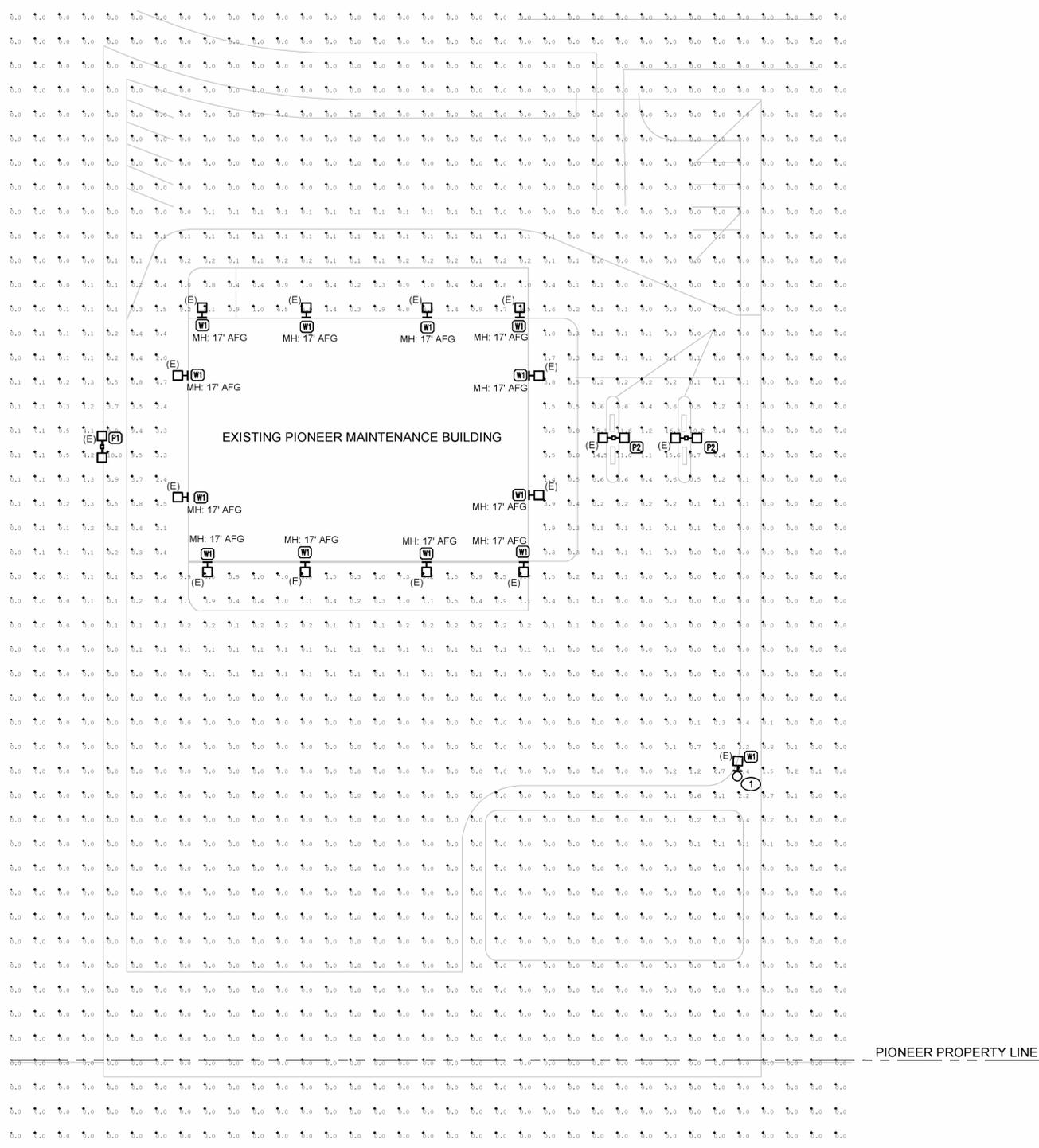
PROPERTY ADDRESS: 8335 VOLLMER RD. COLORADO SPRINGS, CO 80908

REVISIONS

SHEET TITLE
LEGEND AND GENERAL NOTES

DRAWN: GW
CHECKED: MAG
DATE: 03.26.2024
JOB NUMBER: 24064
PROJECT MGR: RP

E01



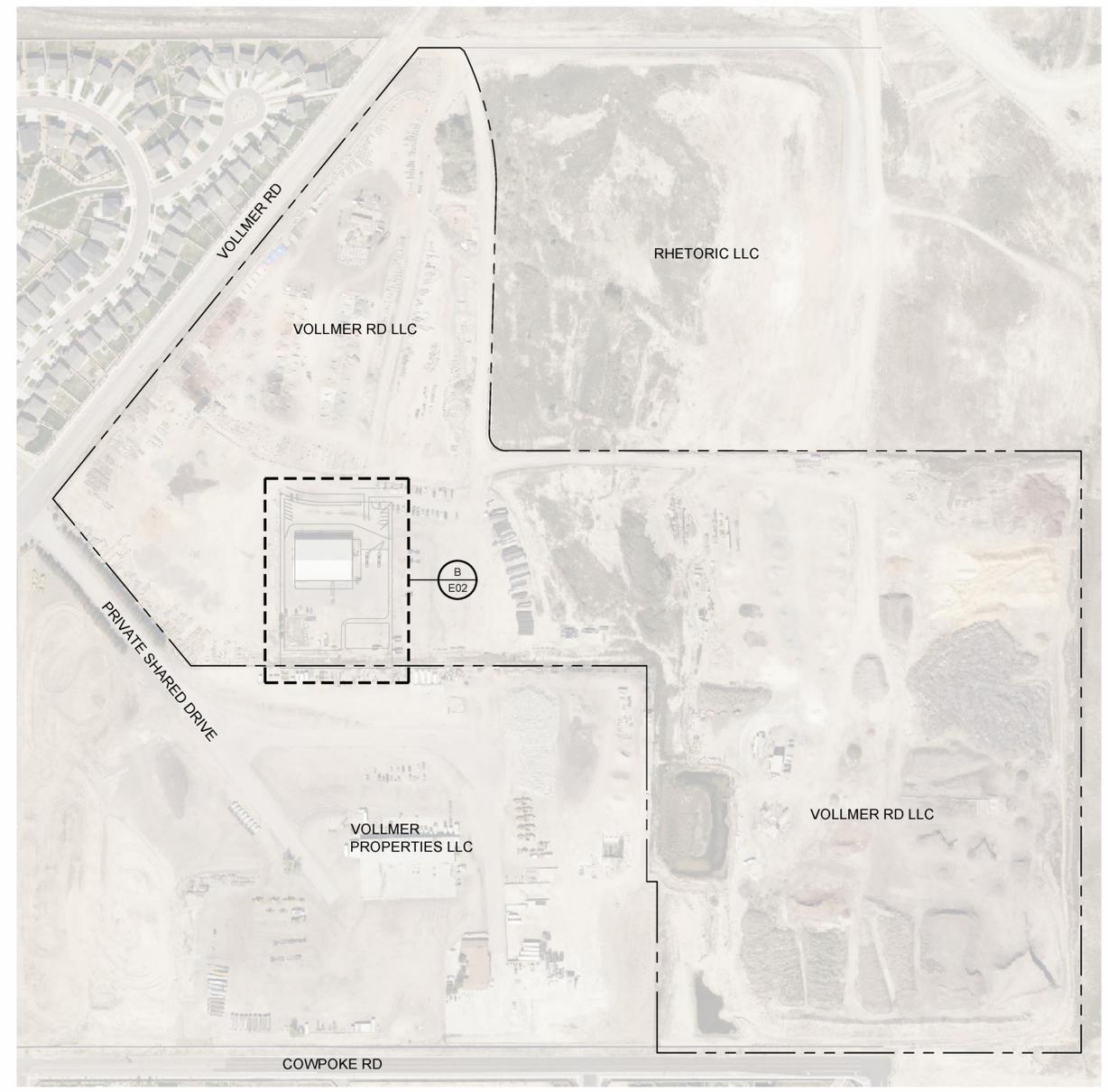
B PHOTOMETRIC STUDY
 E02 SCALE: 1"=30'-0"

GENERAL NOTES

1. ALL W1 LIGHTS SHOWN ARE EXISTING FIXTURES. CALCULATIONS SHOWN USING THE PROVIDED CUT SHEET DATA FOR AN EQUIVALENT FIXTURE TO WHAT IS INSTALLED. CALCULATED WITH 90% DIMMING OF ORIGINAL FIXTURE.
2. SITE PRIMARILY USED FOR PARKING OF VEHICLES. ASSUME ALL LIGHTING FOR PARKING PURPOSES.
3. P1 AND P2 LIGHTS ARE EXISTING POLES FROM ORIGINAL CONSTRUCTION. UNCHANGED SINCE INITIAL CONSTRUCTION.

SHEET NOTES

- ① THREE OF EXISTING FOUR FIXTURES ON EXISTING WOOD POLE TO BE REMOVED. REMAINING W1 FIXTURE TO BE LOWERED TO INDICATED 20' AFG.



A KEYMAP
 E02 SCALE: 1"=200'-0"



PK Electrical, Inc.
 Engineering · Design · Consulting
 681 Sierra Rose Drive, Suite B
 Reno, NV 89511
 775-825-9010
 4601 DTC Boulevard, Suite 740
 Denver, CO 80237
 720-481-3290
 pk@pk-electrical.com
 24064



**BLACK FOREST MAINTENANCE FACILITY
 SITE PHOTOMETRIC PLAN**

PROPERTY ADDRESS: 8335 VOLLMER RD. COLORADO SPRINGS, CO 80908
 OWNER: PIONEER LANDSCAPE CENTERS, 630 PLAZA DR., STE. 150, HIGHLANDS RANCH, CO 80129

REVISIONS

NO.	DESCRIPTION

SHEET TITLE
 PHOTOMETRIC STUDY

DRAWN:	GW
CHECKED:	MAG
DATE:	03.26.2024
JOB NUMBER:	24064
PROJECT MGR:	RP

E02

Deliver to Michael Centennial 80015 **Tools & Home Improvement** Search Am EN **2** Subtotal **\$22.90**

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Color: **300W-Brown**

- \$45.99
- \$49.99 (\$25.00 / Count)
- \$39.99 (\$20.00 / Count)
- \$49.99
- \$69.99

Brand ununono
Color 300W-Brown
Material Aluminum
Style American
Light fixture form Floodlight

Subtotal **\$22.90**

2 Similar Products

About this item

- 270° Rotatable Bracket Installation - 300W Outdoor Led Flood Light Is Equipped With 270° Rotatable Bracket, Which Can Be Adjusted To Any Angles And Can Be Installed In Ceiling, Wall, Or Ground.
- High Brightness : This 300W Commercial Outdoor Led Flood Lighting With 300 Ultra-Bright Led Chips(140LM/W), Can Produce Up To 42,000Lm High Brightness White Light.
- Safe & Reliable: This Led Flood Light Can Work Under The Temperature Range From -4°F To 113°F. The Design Of The Die-Casting Aluminum Structure With A Wide Range Of Radiators Makes It Have Excellent Corrosion Resistance And Heat Dissipation Ability. You Don'T Need To Worry About Water Leakage And Rust Issue.
- IP65 Waterproof - Guarder Series Led Flood Light Ip65 Grade Waterproof, This Led Flood Light Outdoor Is Ideal For Indoor And Outdoor Wet Location, Suitable For Parking Lot, Warehouse, Playground, Stadium, Backyard, Garden, Lawn, Garage, Street, Entrance, Wall, Eaves, Billboard Signage, Patio,Flag Poles,As Well As Led Security Light In Hallways,Warehouse, Workshop Etc.
- 5-YEAR WARRANTY & UL CERTIFICATION - UL certification means our products are safer and more secure and we provide a 5-year warranty and you can return within 30 days from the date of purchase. You

can contact us if you have any questions, we will provide you with excellent after-sales service.
See more product details Report an issue with this product or seller

Subtotal **\$22.90**

Product information

Technical Details

Brand	ununono
Color	300W-Brown
Material	Aluminum
Style	American
Light fixture form	Floodlight
Product Dimensions	14.4"L x 5"W x 21.8"H
Power Source	Corded Electric
Special Feature	Waterproof
Control Method	Remote
Light Source Type	LED
Shade Material	Aluminum
Number of Light Sources	1
Included Components	Mounting Hardware
Number of Items	1
Controller Type	Remote Control
Unit Count	1.0 Count
Mounting Type	Wall Mount
Shade Color	White
Fixture Type	Non Removable
Model Name	FL300W
Manufacturer	WHLED
Part Number	FL300W
Item Weight	15.27 pounds
Country of Origin	China
Item model number	FL300W
Special Features	Waterproof
Batteries Included?	No
Batteries Required?	No

Product details
Product Dimensions : 14.4 x 5 x 21.8 inches; 15.3 Pounds
Item model number : FL300W
Date First Available : May 31, 2023
Manufacturer : WHLED
ASIN : B0C6PQVCL

Additional Information

ASIN	B0C6PQVCL
Customer Reviews	4.7 ratings 4.7 out of 5 stars
Best Sellers Rank	#206,084 in Tools & Home Improvement (See Top 100 in Tools & Home Improvement) #970 in Flood Lights
Date First Available	May 31, 2023 2 Similar Products

Warranty & Support
Amazon.com Return Policy: Amazon.com Voluntary 30-Day Return Guarantee: You can return many items you have purchased within 30 days following delivery of the item to you. Our Voluntary 30-Day Return Guarantee does not affect your legal right of withdrawal in any way. You can find out more about the exceptions and conditions here.
Product Warranty: For warranty information about this product, please click here

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681 Sierra Rose Drive, Suite B
Reno, NV 89511
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PROPERTY ADDRESS: 8385 VOLLMER RD. COLORADO SPRINGS, CO 80908
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