



**NEW DESIGN BUILD**  
WOODMEN HILLS METRO DISTRICT  
9211 MERIDIAN RANCH BLVD.  
PEYTON, CO 80831

[illegible]

**ISSUED FOR PERMIT**

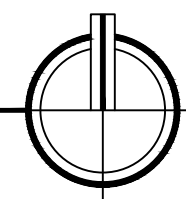
**HAMMERS CONSTRUCTION**  
1411 WOOLSEY HEIGHTS  
COLORADO SPRINGS, CO 80915

HAMMERS CONSTRUCTION  
1411 WOOLSEY HEIGHTS  
COLORADO SPRINGS, CO 80915


5151-20-09

## OVERALL SITE PLAN

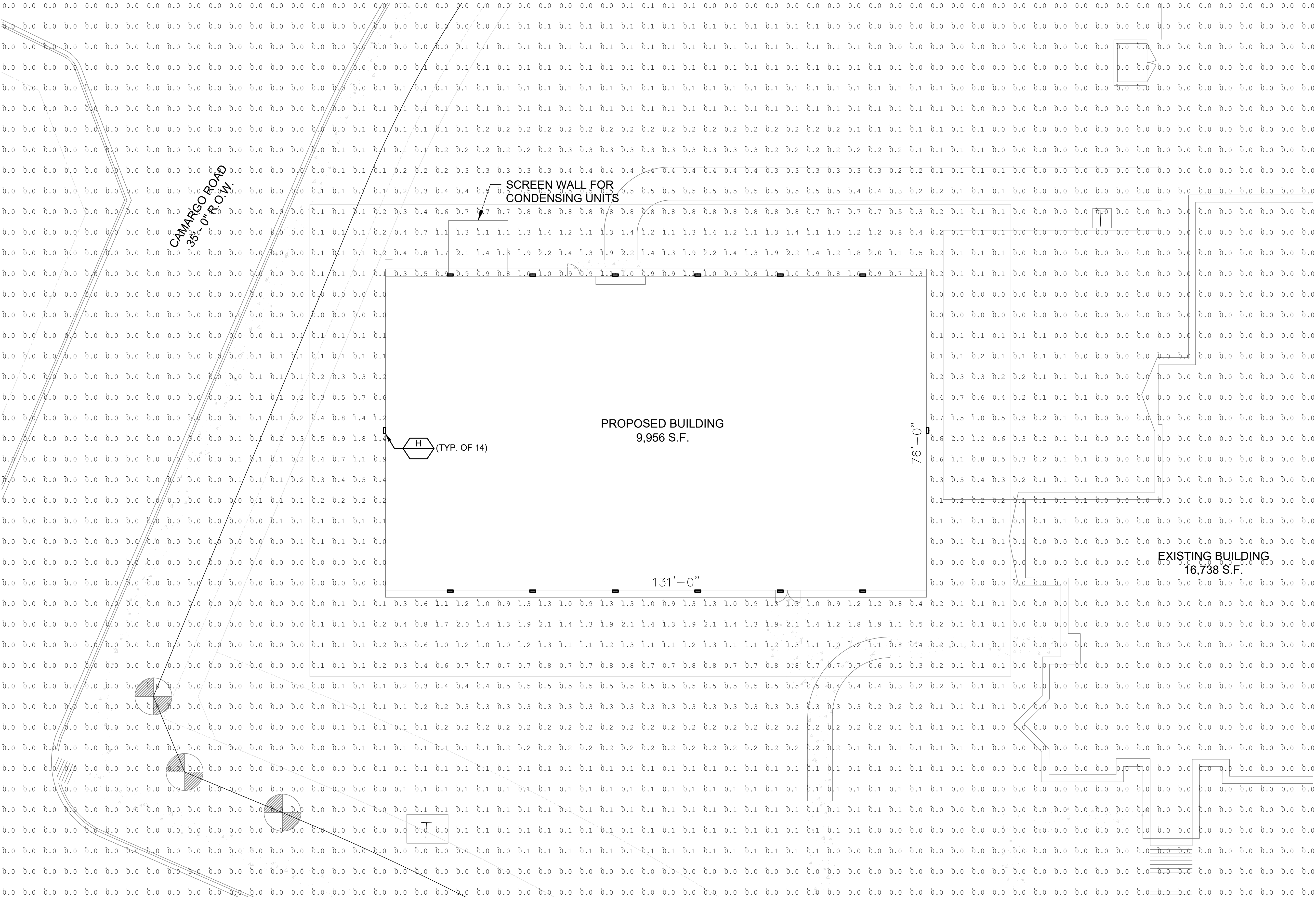
12 OF 18



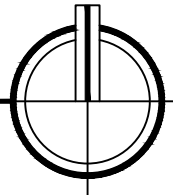
PLOT DATE: 02/05/21 10:33 AM    BR: JENMA    PROJ. FILE: P:\Hammers Construction\Woodmen Hills Rec Center East Design Build\Photometrics\Woodmen Hills Rec Center - Photometrics.dwg

Luminaire Schedule						
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
	14	H	SINGLE	N.A.	0.900	673-16-L3_840

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
SITE AREA	Fc	0.13	2.2	0.0	N.A.	N.A.
BUILDING PERIMETER	Fc	0.68	2.2	0.0	N.A.	N.A.



BUILDING PHOTOMETRICS SITE PLAN  
 SCALE: NTS





**51EC INC.**

31 NORTH TEJON ST, SUITE 304  
 COLORADO SPRINGS, CO 80903  
[FIFTYONEEC.COM](http://FIFTYONEEC.COM) | 719.368.7394

THIS DOCUMENT AND ITS CONTENTS ARE THE WORK PRODUCT AND PROPERTY OF 51EC, INC., WHICH RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT.

NEW DESIGN BUILD  
 WOODMEN HILLS METRO DISTRICT  
 9211 MERIDIAN RANCH BLVD.  
 PEYTON, CO 80831

REV	DESCRIPTION	DRAWN	CHECK	APPR	DATE

ISSUANCE:  
**ISSUED FOR PERMIT**

CLIENT:  
 HAMMERS CONSTRUCTION  
 1411 WOOLSEY HEIGHTS  
 COLORADO SPRINGS, CO 80915

ARCHITECT:  
 HAMMERS CONSTRUCTION  
 1411 WOOLSEY HEIGHTS  
 COLORADO SPRINGS, CO 80915

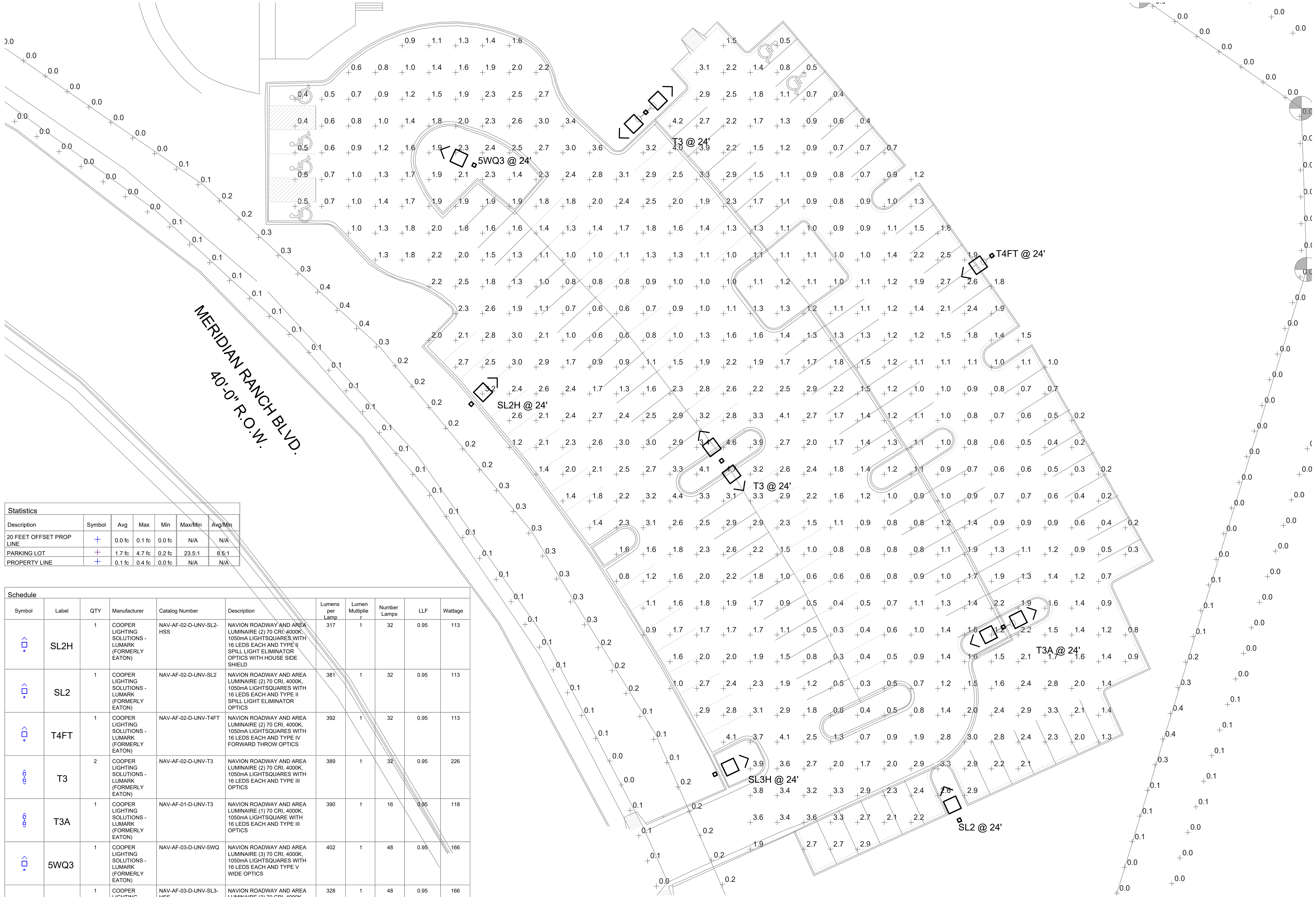
PROJECT NO:  
 5151-20-09

TITLE:  
**BUILDING  
 PHOTOMETRICS  
 SITE PLAN**








SHEET NO:  
**13 OF 18**



PLOT DATE: 02/05/21 10:33 AM  
 BR: JEBMA  
 P800, FILE: P:\Hammers Construction\Woodmen Hills Rec Center East Design Build\Photometrics\Woodmen Hills Rec Center - Photometrics.dwg

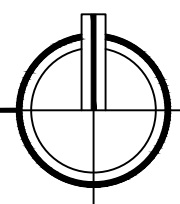


Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
20 FEET OFFSET PROP LINE	+	0.0 fc	0.1 fc	0.0 fc	N/A	N/A
PARKING LOT	+	1.7 fc	4.7 fc	0.2 fc	23.5:1	8.5:1
PROPERTY LINE	+	0.1 fc	0.4 fc	0.0 fc	N/A	N/A

Schedule										
Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lumens per Lamp	Lumen Multiplier	Number Lamps	LLF	Wattage
	SL2H	1	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	NAV-AF-02-D-UNV-SL2-HSS	NAVION ROADWAY AND AREA LUMINAIRE (2) 70 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD	317	1	32	0.95	113
	SL2	1	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	NAV-AF-02-D-UNV-SL2	NAVION ROADWAY AND AREA LUMINAIRE (2) 70 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II SPILL LIGHT ELIMINATOR OPTICS	381	1	32	0.95	113
	T4FT	1	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	NAV-AF-02-D-UNV-T4FT	NAVION ROADWAY AND AREA LUMINAIRE (2) 70 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV FORWARD THROW OPTICS	392	1	32	0.95	113
	T3	2	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	NAV-AF-02-D-UNV-T3	NAVION ROADWAY AND AREA LUMINAIRE (2) 70 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III OPTICS	389	1	32	0.95	226
	T3A	1	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	NAV-AF-01-D-UNV-T3	NAVION ROADWAY AND AREA LUMINAIRE (1) 70 CRI, 4000K, 1050mA LIGHTSQUARE WITH 16 LEDS EACH AND TYPE III OPTICS	390	1	16	0.95	118
	5WQ3	1	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	NAV-AF-03-D-UNV-5WQ	NAVION ROADWAY AND AREA LUMINAIRE (3) 70 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V WIDE OPTICS	402	1	48	0.95	166
	SL3H	1	COOPER LIGHTING SOLUTIONS - LUMARK (FORMERLY EATON)	NAV-AF-03-D-UNV-SL3-HSS	NAVION ROADWAY AND AREA LUMINAIRE (3) 70 CRI, 4000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE III SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD	328	1	48	0.95	166

PARKING LOT PHOTOMETRICS SITE PLAN

SCALE: NTS



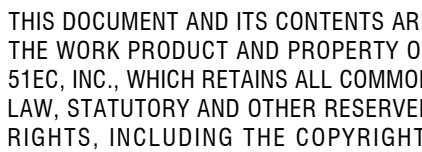
THIS DOCUMENT AND ITS CONTENTS ARE THE WORK PRODUCT AND PROPERTY OF 51EC, INC., WHICH RETAINS ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT.

NEW DESIGN BUILD  
WOODMEN HILLS METRO DISTRICT  
9211 MERIDIAN RANCH BLVD.  
PEYTON, CO 80831

REV	DESCRIPTION	DRAWN	CHECK	APPR	DATE

ISSUANCE:	
ISSUED FOR PERMIT	
CLIENT:	
HAMMERS CONSTRUCTION 1411 WOOLSEY HEIGHTS COLORADO SPRINGS, CO 80915	
ARCHITECT:	
HAMMERS CONSTRUCTION 1411 WOOLSEY HEIGHTS COLORADO SPRINGS, CO 80915	
PROJECT NO:	
5151-20-09	
TITLE:	
PARKING LOT PHOTOMETRICS SITE PLAN	
SHEET NO:	
14 OF 18	



[illegible]

**ISSUED FOR PERMIT**

**HAMMERS CONSTRUCTION**  
1411 WOOLSEY HEIGHTS  
COLORADO SPRINGS, CO 80915

**HAMMERS CONSTRUCTION**  
1411 WOOLSEY HEIGHTS  
COLORADO SPRINGS, CO 80915

5151-20-09

# BUILDING LIGHTING CUT SHEETS

15 OF 18

**673-W SERIES**  
**673-WP SERIES**

A blank, aged, cream-colored page, likely an endpaper or flyleaf of a book, showing signs of wear and discoloration. The page is rectangular with slightly rounded corners and a thin, dark border. The surface has a subtle texture and some minor discoloration, characteristic of old paper. The page is set against a dark, solid background.

- Height: 16"
- Lumen Output Source Lumens: L3:2000
- Wattage: 20W
- Color Rendering: CRI 83+
- Correlated Color Temperature: 4000K, 3500K, 3000K, 2700K
- Rated Life of Lamp (hrs): 50,000
- Dimming: 0-10V

- Height: 16"
- Lumen Output Source Lumens: L3:2000
- Wattage: 20W
- Color Rendering: CRI 83+
- Correlated Color Temperature: 4000K, 3500K, 3000K, 2700K
- Rated Life of Lamp (hrs): 50,000
- Dimming: 0-10V

- Height: 25"
- Lumen Output Source Lumens: L3:2000
- Wattage: 20W
- Color Rendering: CRI 83+
- Correlated Color Temperature: 4000K, 3500K, 3000K, 2700K
- Rated Life of Lamp (hrs): 50,000
- Dimming: 0-10V

**Height: 37"**

- Lumen Output Source Lumens: L4:3000
- Wattage: 29W
- Color Rendering: CRI 83+
- Correlated Color Temperature: 4000K, 3500K, 3000K, 2700K
- Rated Life of Lamp (hrs): 50,000
- Dimming: 0-10V

### 673 SERIES WALL LUMINAIRE

PS525084EN  
05-23-19  
1 of 1

673-W and 673-WP Luminous wall sconce features 6 standard finishes, 3 decorative trim bar options and is ADA compliant.

- Wall Luminous Vanity Luminaire
- Painted solid aluminum w/ extruded white acrylic panel
- Universal circular strap for a standard 4" J-box or plaster ring
- UL and CUL approved for interior and damp locations

**Material**  
Painted or plated solid aluminum  
with a 1/8" matte white extruded  
acrylic panel, open top and bottom  
end caps, with acrylic inserts.  
Luminous top and bottom for LED.

MB (Matte Black)  
 GRM (Graphite Metallic)  
 DP (Dark Platinum)  
 BM (Bronze Metallic)  
 CC (Custom Color – Specify

For Custom Color contact factory  
for quotation.

max 20W  
25": L3:2000 nominal lumens at  
max 20W  
37": L4:3000 nominal lumens at  
max 29W

**Driver**  
LED system coupled with electronic driver to deliver optimal performance. Electronic drivers are available for 120-277V applications. A 0-10V dimming control is standard on all models. Standard integral class 2 driver 29W max., 0-10V dimming.

Shaper 673-W is O.L. and C.O.L. approved for indoor and damp location. Shaper 673-WP is listed for wet location. ADA compliant, except with proud trim options.

**Warranty**  
5 year limited warranty on LED components.

Technical drawings of the 673-WP-16, 673-WP-25, and 673-WP-37 wall panels. The drawings show the front view with dimensions and a top view of the lens.

**Front View Dimensions:**

- 673-W-16" / 673-WP-16"**: Height 16" (40.6 cm), Width 9.38" (21.3 cm), Depth 1.5" (4.0 cm).
- 673-W-25" / 673-WP-25"**: Height 25" (63.5 cm), Width 9.38" (21.3 cm), Depth 1.5" (4.0 cm).
- 673-W-37" / 673-WP-37"**: Height 37" (94 cm), Width 9.38" (21.3 cm), Depth 1.5" (4.0 cm).

**Top View Dimensions:**

- Width: 9.38" (21.3 cm)
- Height: 4" (10.2 cm)
- Depth: 1.5" (4.0 cm)

End view with standard top/bottom cover with acrylic lens.

**Two Horizontal Trim Bars (2HTB)**

**Two Vertical Trim Bars (2VTB)**

Sample Number: 673-16-W-L3/827-UNV-ALP-RBF

Series	Size	Mounting Type	LED Lamp		LED Voltage	Finish	Options
670 - Luminaire Half Cylinder	16-18" 25-25" 37-37"	W - Interior Wall WP - Exterior Wall	16"	29"	29V	ALP-Aluminum Paint MW-Matte White MA-Matte Black DP - Dark Platinum GRM-Graphite Metallic BM-Bronze Metallic CC - Custom Color - Contact factory for quotation	2VTB-Two Vertical Trim Bars 2HTB-Two Horizontal Trim Bars 2VTB/2HTB-Two Vertical Trim Bars/ Two Horizontal Trim Bars 2VTB/PC-Two Vertical Trim Bars with Perforated Center BC - Closed Bottom Cover RBP - Remote Battery Pack
			L3827	L3827	L4827		
			L3830	L3830	L4830		
			L3835	L3835	L4835		
			L3840	L3840	L4840		



**Cooper Lighting Solutions**  
18001 E. Colfax Avenue  
Aurora, CO 80011  
P: 303-383-5122  
[www.cooperlighting.com](http://www.cooperlighting.com)

Specifications and dimensions subject to change without notice.







