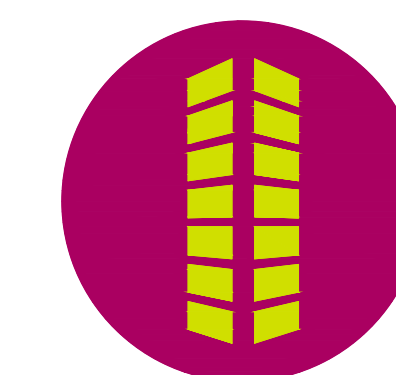


NOT FOR CONSTRUCTION

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SITE DEVELOPMENT PLAN  
CONSTITUTION STORAGE  
JOHNSON DEVELOPMENT ASSOCIATES  
6855 CONSTITUTION AVENUE  
COLORADO SPRINGS, CO 80915

#	Date	Issue / Description	Init.

Project No: JDA02  
Date: 11/16/2022  
Drawn By:  
Checked By:  
Date: DECEMBER 2022

PHOTOMETRIC PLAN

Lighting - Energy - Design  
**SPECIALISTS**



JDA Self Storage  
6855 Constitution Avenue  
Colorado Springs, CO  
Preliminary Site Photometric

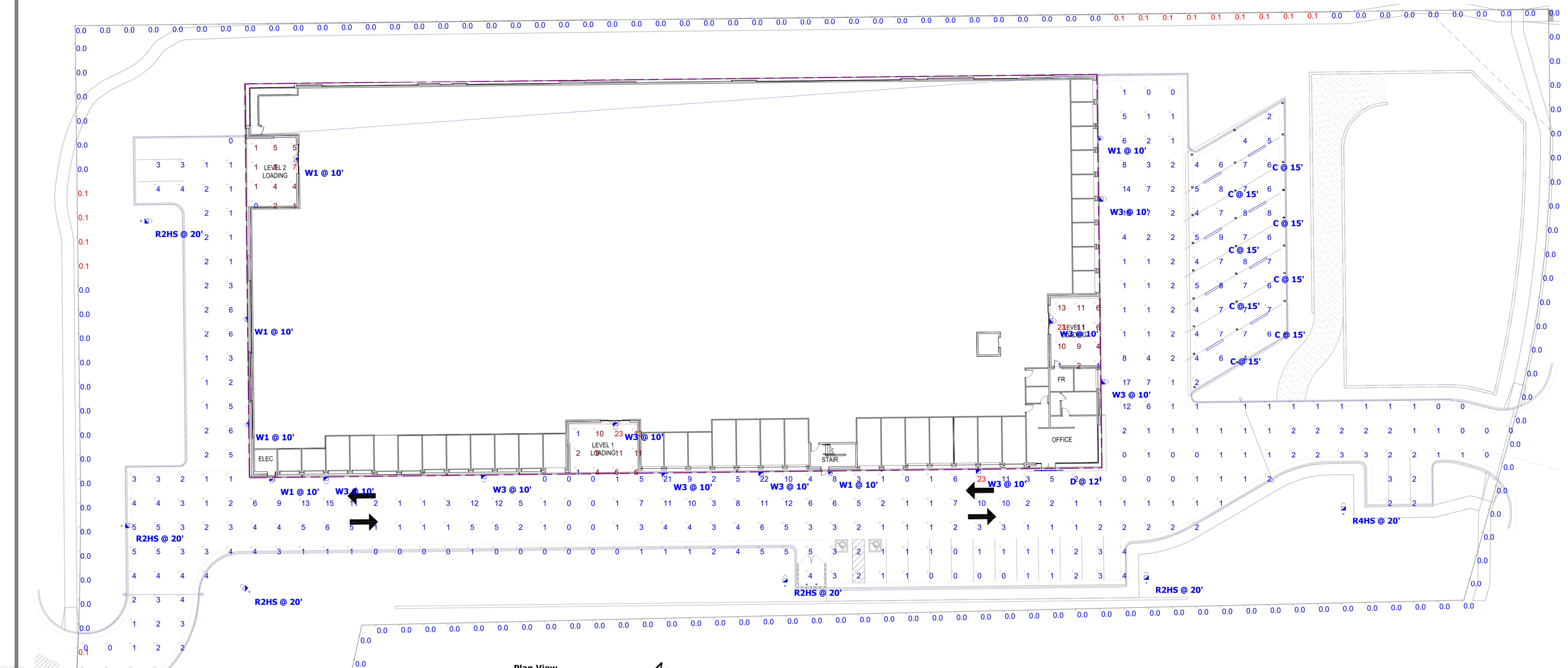
Designer  
SC  
Date  
11/16/2022  
Scale  
Not to Scale  
Drawing No.  
REV5  
Summary

1 of 1

COUNTY FILE NUMBER:  
PRR-2224

PH1.0

Sheet 13 of 13



Plan View  
Scale - 1" = 25ft

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Paved Area	+	3 fc	23 fc	0 fc	N/A	N/A
Property Line	+	0.0 fc	0.1 fc	0.0 fc	N/A	N/A
Under Canopy 1	+	3 fc	7 fc	0 fc	N/A	N/A
Under Canopy 2	+	8 fc	23 fc	1 fc	23.0:1	8.0:1
Under Canopy 3	+	8 fc	23 fc	1 fc	23.0:1	8.0:1

Location								Aim		
No.	Label	X	Y	Z	MH	Orientation	Tilt	X	Y	Z
1	R2HS	246.87	258.64	20.00	20.00	308.05	0.00	245.97	259.35	0.00
2	R2HS	468.63	261.08	20.00	20.00	0.00	0.00	468.63	262.23	0.00
5	R2HS	618.23	262.30	20.00	20.00	0.00	0.00	618.23	263.45	0.00
1	R4HS	699.84	290.95	20.00	20.00	0.00	0.00	699.84	292.10	0.00
1	W1	266.53	437.27	10.00	10.00	270.00	0.00	266.53	437.27	0.00
3	W1	245.74	371.54	10.00	10.00	270.00	0.00	245.74	371.54	0.00
5	W1	246.21	327.87	10.00	10.00	270.00	0.00	246.21	327.87	0.00
1	W3	278.58	305.44	10.00	10.00	177.93	0.00	278.58	305.44	0.00
2	W3	398.42	327.95	10.00	10.00	177.93	0.00	398.42	327.95	0.00
3	W3	418.60	307.15	10.00	10.00	177.93	0.00	418.60	307.15	0.00
4	W3	458.67	307.42	10.00	10.00	177.93	0.00	458.67	307.42	0.00
6	W3	548.72	308.43	10.00	10.00	177.93	0.00	548.72	308.43	0.00
8	W3	599.55	421.22	10.00	10.00	86.76	0.00	599.55	421.22	0.00
9	W3	578.75	370.84	10.00	10.00	86.76	0.00	578.75	370.84	0.00
10	W3	600.41	345.62	10.00	10.00	86.76	0.00	600.41	345.62	0.00
11	W3	343.85	306.16	10.00	10.00	177.93	0.00	343.85	306.16	0.00
1	C	663.99	441.05	15.00	15.00	59.17	0.00	663.99	441.05	0.00
2	C	645.58	430.03	15.00	15.00	59.17	0.00	645.58	430.03	0.00
5	C	664.24	417.93	15.00	15.00	59.17	0.00	664.24	417.93	0.00
6	C	645.82	406.92	15.00	15.00	59.17	0.00	645.82	406.92	0.00
9	C	664.50	394.71	15.00	15.00	59.17	0.00	664.50	394.71	0.00
10	C	646.08	383.70	15.00	15.00	59.17	0.00	646.08	383.70	0.00
13	C	664.94	371.76	15.00	15.00	59.17	0.00	664.94	371.76	0.00
14	C	646.52	360.74	15.00	15.00	59.17	0.00	646.52	360.74	0.00
1	D	577.81	308.86	12.00	12.00	89.64	0.00	577.81	308.86	0.00
6	R2HS	194.00	286.00	20.00	20.00	90.00	0.00	195.15	286.00	0.00
7	R2HS	202.00	412.00	20.00	20.00	90.00	0.00	203.15	412.00	0.00
6	W1	487.40	307.82	10.00	10.00	177.93	0.00	487.40	307.82	0.00
7	W1	256.06	304.89	10.00	10.00	177.93	0.00	256.06	304.89	0.00
8	W1	598.93	446.42	10.00	10.00	86.76	0.00	598.93	446.42	0.00

Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Lumens	Light Loss Factor	Wattage
R4HS			1	Lithonia Lighting	DSX1 LED P4 40K T4M MVOLT HS	DSX1 LED P4 40K T4M MVOLT with houseside shield	11006	0.92	125
R2HS			5	Lithonia Lighting	DSX1 LED P4 40K T2S MVOLT HS	DSX1 LED P4 40K T2S MVOLT with houseside shield	9996	0.92	125
W1			6	Lithonia Lighting	KAXW LED P1 40K R3 MVOLT	Wall Pack, Lower Lumen	3545	0.92	29
W3			9	Lithonia Lighting	KAXW LED P3 40K R4 MVOLT	Wall Pack, Higher Lumen	9707	0.92	79
C			8	Lithonia Lighting	CSVLT L48 5000LM MVOLT 40K 80CRI	Contractor Select LED Vapor Tite, 48", 5000LM, 120-277V, 4000K, 80 CRI	3544	0.95	41.99
D			1	Nova Flex LED	Custom Build - Coordinate with Lighting Vendor	LED Tape Light 4000K, 250 Lumens per Linear Foot, Enclosed in Aluminum Channel	4946	0.5	7

Please include: depict angle of cutoff of illuminating devices

Lumens near a parking lot are to not exceed 1800 lumens per lamp 6.2.3.B.1.a

- Existing Lighting Survey Notes**
- Readings are shown in units of maintained footcandles.
  - Total Light Loss Factor (LLF) = 8% or 0.92
  - Test Plane = 0' AFF
  - Fixture Mounting Height = 20' AG for all pole-mounted area lights, 10' for wall packs; 15' for under-canopy lights; see fixture location schedule.
  - Building Height = 35' AFF
  - Building Reflectance Value = 10/10/10
  - Fixture Spacing = See Fixture Locations Schedule
  - This photometric layout was calculated using specific criteria. Any deviation from stated parameters will affect actual performance.
  - These lighting calculations are not a substitute for independent engineering analysis of lighting system suitability and safety.