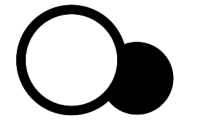




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dark light

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 206.682.1720 www.darklight-design.com

PCLS SUMNER LIBRARY

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 SUMNER, WA 98390

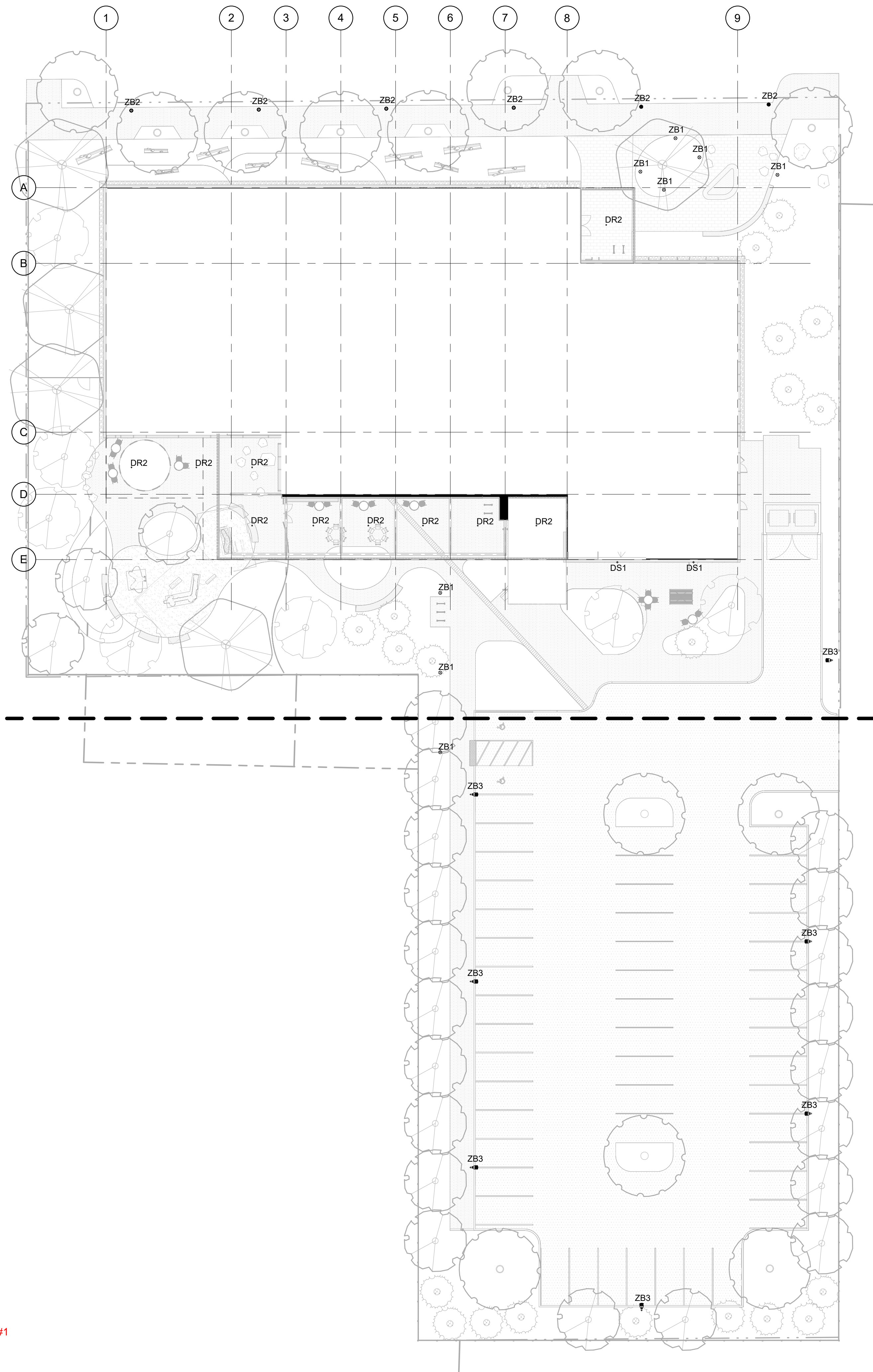
DRAWING ISSUE	
#	DESCRIPTION
1	09/20/2024 50% DD
2	10/04/2024 CUP - Check set

CUP-2024-0007

SHEET TITLE
SITE LIGHTING PLAN

SHEET NO.
LT101

Drawn
 Checked
 Author
 Checker
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TYPE	MANUFACTURER/ SERIES	FITTURE CHARACTERISTICS DESCRIPTION	LEDLIGHT SOURCE		ELECTRICAL	
			OUTPUT (LUMENS)	CCT (KELVIN)	WATTS	VOLTAGE
ZB1	SELUX NOTCH	BOLLARD CITY OF SUMNER STANDARD PEDESTRIAN POLE ON 16 FOOT POLE - TYPE 3	676	3000	14 W	120 OR 277
ZB2	HOLOPHANE GVD3	DISTRIBUTION PARKING LOT FIXTURE ON 15 FOOT POLE WITH A GLARE SHIELD	3281	3000	23 W	120-277
ZB3	LITHONIA DSX1 - P1 FOCAL POINT ID 4.5+	RECESSED DOWNLIGHT	5574	3000	51 W	120-277
DR2	BEGA 22.383	WALL MOUNTED AREA DOWNLIGHT	1571	3000	19 W	120-277
DS1			2187	3000	21 W	120-277

2 SCHEDULE

REVIEW #1

1 SITE LIGHTING - CUP

SCALE: 1" = 20'-0"



DRAWING ISSUE

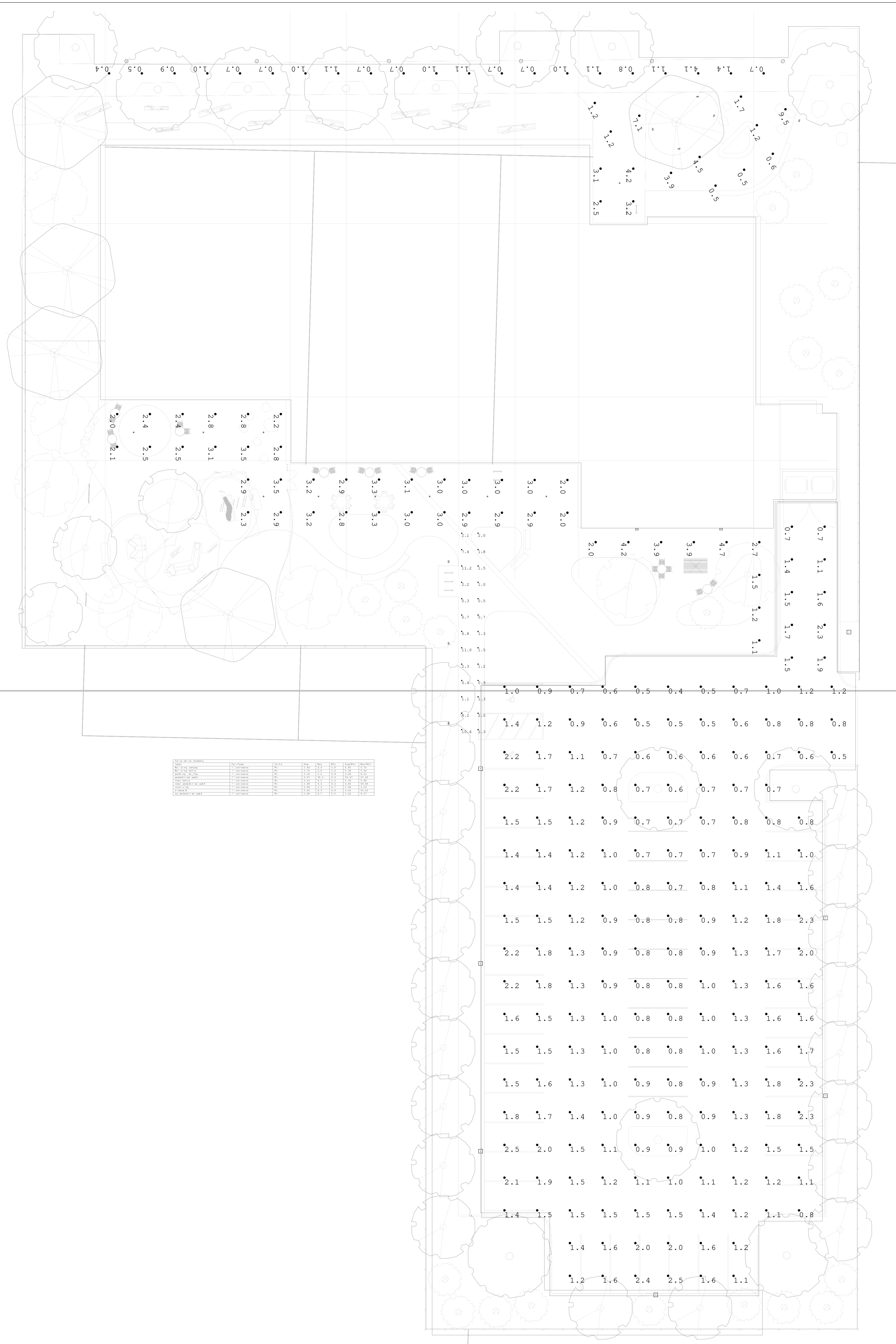
#	DATE	DESCRIPTION
1	08/20/2024	50% DD
2	10/04/2024	CUP - Check set

SHEET TITLE

SITE LIGHTING
PHOTOMETRICS

SHEET NO.

LT102



ZB3- HOLOPHANE GVD3 AND 16 FOOT POLE
CITY OF SUMNER STANDARD PEDESTRIAN POLE



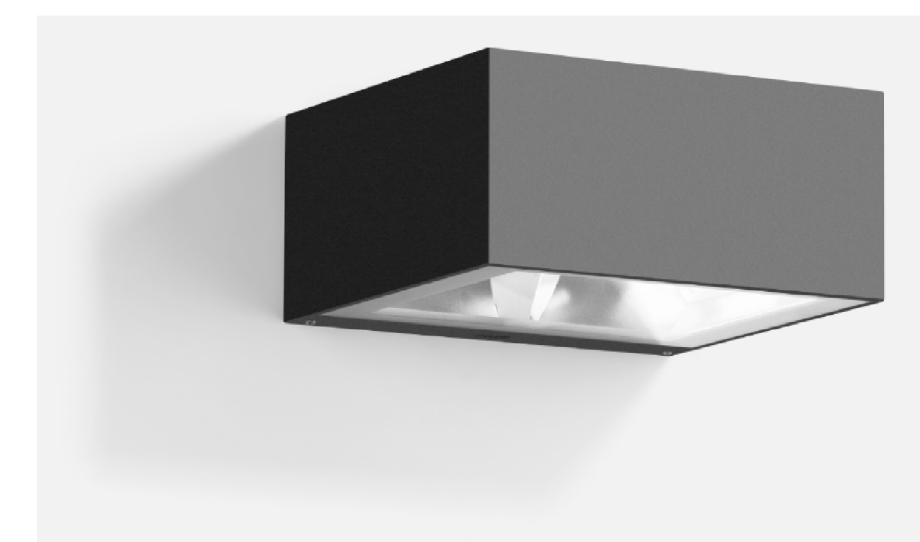
ZB2- ACUITY DSX1 WITH GLARE SHIELD AND 15 FOOT POLE
PARKING LOT LIGHT POLE



DR2 - FOCAL POINT 4.5
RECESSED DOWNLIGHT



ZB1 - SELUX NOTCH
PEDESTRIAN SCALE BOLLARD



DS1 - BEGA 22 383
WALL MOUNTED AREA DOWNLIGHT

2 LIGHTING FIXTURE TYPES

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min Max/Min
Building canopy	Illuminance	Fc	2.93	3.5	2.0	1.42 1.75
Building entry	Illuminance	Fc	2.71	3.0	2.0	1.36 1.50
parking lot Top	Illuminance	Fc	1.20	2.5	0.4	3.00 6.25
pedestrian path	Illuminance	Fc	3.17	11.2	0.3	10.57 37.33
rear entry	Illuminance	Fc	3.25	4.2	2.5	1.30 1.68
rear pedestrian path	Illuminance	Fc	2.90	9.5	0.5	5.00 19.00
receiving	Illuminance	Fc	1.44	2.3	0.7	2.06 3.29
sidewalk	Illuminance	Fc	1.02	4.1	0.4	2.55 10.25
sw pedestrian path	Illuminance	Fc	2.80	4.7	1.1	2.55 4.27

3 PHOTOMETRIC RESULTS SUMMARY

1 LIGHTING PHOTOMETRICS

NOT FOR CONSTRUCTION