

6/16/2023 1:33:12 PM

SCOTTSDALE ROAD

INDIAN BEND ROAD

PROPERTY LINE_VERTICAL CALC
(AT +6'-0" AFF)

SITE CALC
(AT GRADE)

PORCH CALC
(AT GRADE)

NEW
PLAYGROUND
BUILDING

EXISTING
STILLMAN
BUILDING

EXISTING
PEORIA DEPOT

EXISTING
HARTLEY'S
DEPOT

EXISTING
MARICOPA
DEPOT

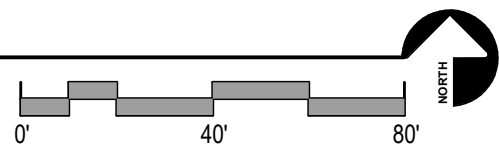
EXISTING MODEL
RAILROAD BUILDING

Luminaire Schedule									
Symbol	Qty	Label	Tag	Description	Arrangement	LLF	Total Watts	Arr. Lum. Lumens	BUG Rating
7	1	SRT2-50-3K7-5C-2	L12	SRT2-50-3K7-5C	Single	0.977	336.7	5439	B3-U0-G2
18	1	ALN405G3	EX	100W Pole	SINGLE	0.466	3546	12048	B3-U3-G5
2	1	ALN405G3 100W	EXW	100W Wall Mount	SINGLE	0.466	394	12048	B3-U3-G5
3	1	KWH-30011-T4-8030	SL4	KWH-30011-T4-8030	SINGLE	1.000	112.5	4450	N.A.
4	1	UCM2-ANG-36L-460-3K7-4W-CL	SL3	UCM2-ANG-36L-460-3K7-4W-CL	SINGLE	1.000	219.6	5726	B1-U0-G3
11	1	UCM2-ANG-36L-420-3K7-4W-CL	SL2	UCM2-ANG-36L-420-3K7-4W-CL	SINGLE	1.000	548.02	5295	B1-U0-G3

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Outdoor Garden	Illuminance	Fc	5.33	6.4	4.4	1.21	1.45
Porch	Illuminance	Fc	7.76	9.9	5.6	1.39	1.77
Property Line_Verical	Illuminance	Fc	0.14	0.8	0.0	N.A.	N.A.
Site	Illuminance	Fc	1.76	8.8	0.0	N.A.	N.A.
Utility Yard	Illuminance	Fc	4.88	5.6	4.1	1.19	1.37

1 ELECTRICAL SITE LIGHTING PLAN

1" = 40'-0"



PRELIMINARY
NOT ISSUED FOR
CONSTRUCTION

CITY OF SCOTTSDALE
**ROUNDHOUSE, SPLASH PAD &
SITE IMPROVEMENTS**
7301 E. Indian Bend Road
Scottsdale AZ 85250



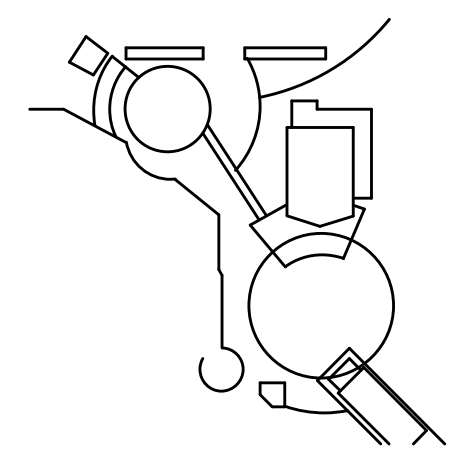
REVISIONS

No.	Description	Date
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DESIGN DEVELOPMENT

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KEY:



SHEET TITLE: SITE LIGHTING PHOTOMETRICS

SHEET NUMBER:

51.0

DRAWN BY: MLL	REVIEWED BY: JPS
DATE: 4/28/2023	PROJECT NUMBER: 1939.00