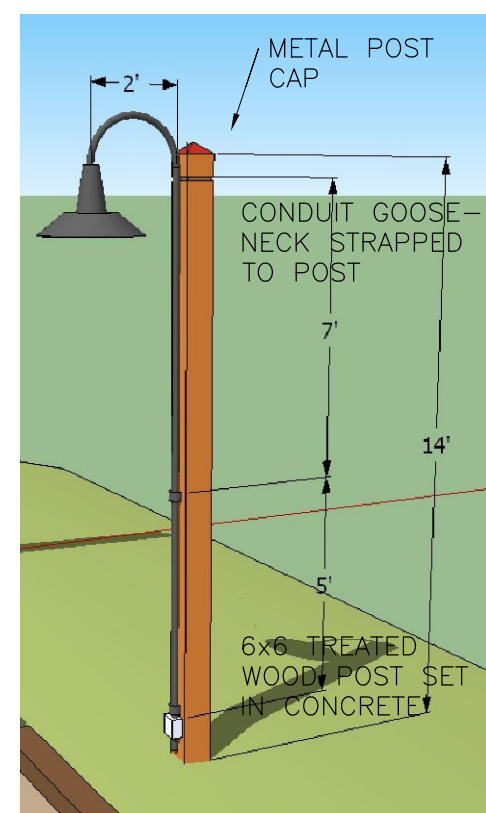




LIGHT FIXTURES A1 & A2



STERRENBURG LIGHTING
FIXTURE A1 1A-GL1960 16L30-T4-MDL012-CA
FIXTURE A2 1A-GL1960 16L30-T5-MDL012-CA

ROUND HOUSING, BELL EDGE, CLEAR ACRYLIC
LENSE, BLACK FINISH, PHOTO CELL

16 LEDs, 3000 K, 120V-277V, 120MA

TOP MOUNT DIRECT TO CONDUIT

DISTRIBUTION:
FIXTURE A1 TYPE 4
FIXTURE A2 TYPE 5

MOUNTING HEIGHT: 14'

PERFORMANCE DATA

Model #	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
16L30T-MDL012	6350	B1U0G2	324.5	6555	B3U0G1	128.5	51

LIGHT FIXTURE B

MCGRAW EDISON IMPACT ELITE LED
#ISS-SA1A-730-U-T4FT

SMALL QUARTER SPHERE, BLACK
FINISH, WALL MOUNT, PHOTO CELL

LIGHT ENGINE 1 SQUARE 16 LEDs,
350 MA DRIVE, 3000K, 120 277V

DISTRIBUTION: TYPE 4 FORWARD
THROW

MOUNTING HEIGHT: 8'



PERFORMANCE DATA

1 Light Square (SA)	
Drive Current (mA)	350
Power (Watts)	120 - 277V 20.1
Current (A)	120 0.17 277V 0.09
Power (Watts)	347V or 480V 23.3
Current (A)	347V 0.07 480V 0.05
Optics (4000K, 70 CRI)	
T2	Lumens 2,802 BUG Rating B1-U0-G1 Lumens Per Watt 136 Lumens 2,778
T3	Lumens 2,762 BUG Rating B1-U0-G1 Lumens Per Watt 137 Lumens 2,739
T4FT	BUG Rating B1-U0-G1 Lumens Per Watt 137

LIGHT FIXTURES C1, C2, & C3

MCGRAW EDISON IMPACT ELITE LED
C1 #IST-SA1A-730-U-T3
C2 #IST-SA1A-730-U-T4FT
C3 #IST-SA1A-730-U-T4W

TRAPEZD, BLACK, WALL MNT, PHOTO CELL

LIGHT ENGINE 1 SQUARE 16 LEDs, 350
MA DRIVE, 3000K, 120 277V

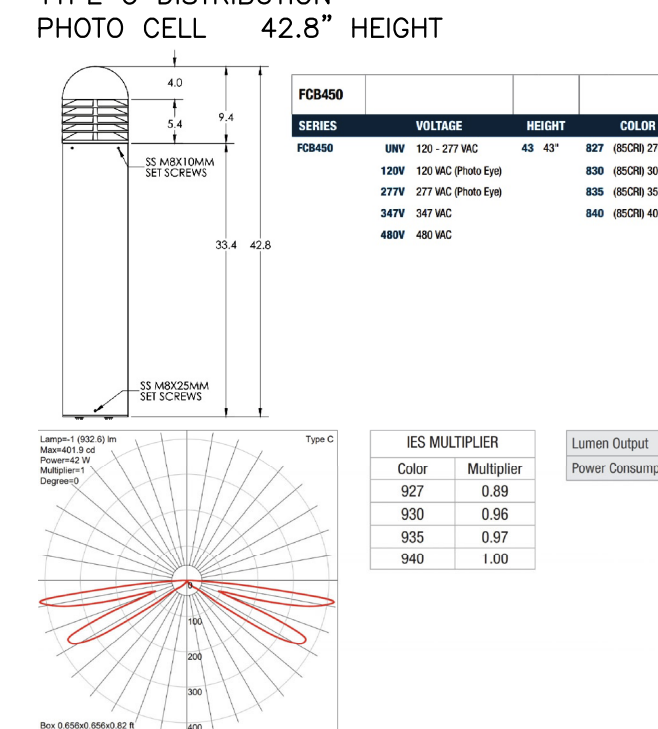
DISTRIBUTION: C1 TYPE 3
C2 TYPE 4 FORWARD
THROW
C3 TYPE 4 WIDE

MOUNTING
HEIGHT: 10'



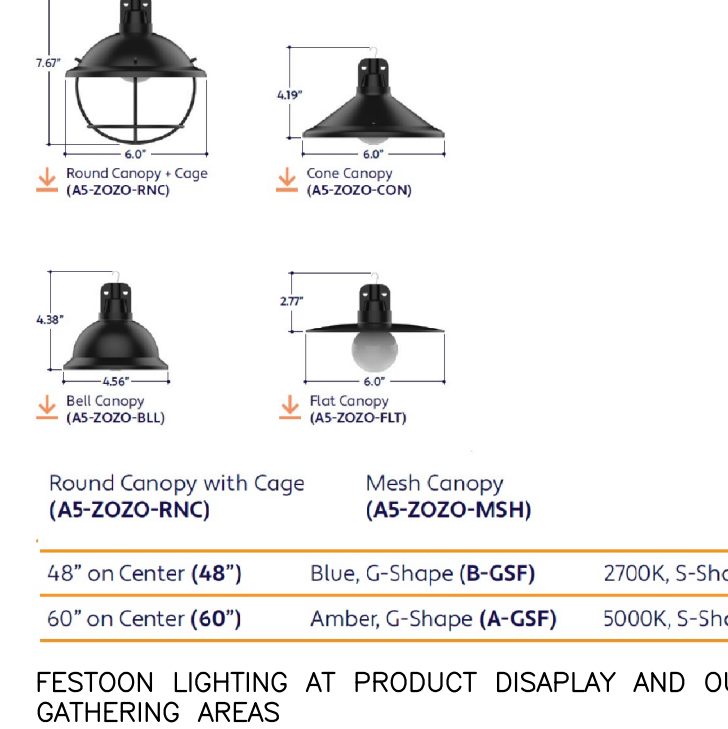
LIGHT FIXTURE D

FC LIGHTING FCB450-UNV-43830 10L-BKE
BOLLARD BLACK ALUMINUM GROUND MOUNT
TYPE C DISTRIBUTION
PHOTO CELL 42.8" HEIGHT



LIGHT FIXTURE E

(130) A5-ZOZO-BLL-27K-GSFL-
3W - 259" STRING. MOUNTING HEIGHT ±12'-0"





IS

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FOR PRICING AND AVAILABILITY
CONTACT ILLUMINATION SYSTEMS

PHOTOMETRICS ARE NOT TO SCALE

DRAWINGS ARE FOR ESTIMATING
PURPOSES ONLY.

FOOT-CANDLE VALUES ARE
PREDICTED AT HORIZONTAL
CALCULATIONS UNLESS SPECIFIED
OTHERWISE. ACTUAL
FOOT-CANDLES MAY VARY.

FINAL CONSTRUCTION DRAWINGS
& CALCULATIONS ARE THE
RESPONSIBILITY OF A LICENSED
ARCHITECT OR ENGINEER.

THE SHIRE AT OLD RANCH
HOWELS & OLD RANCH ROAD
COLORADO SPRINGS, CO

SITE
PHOTOMETRIC PLAN

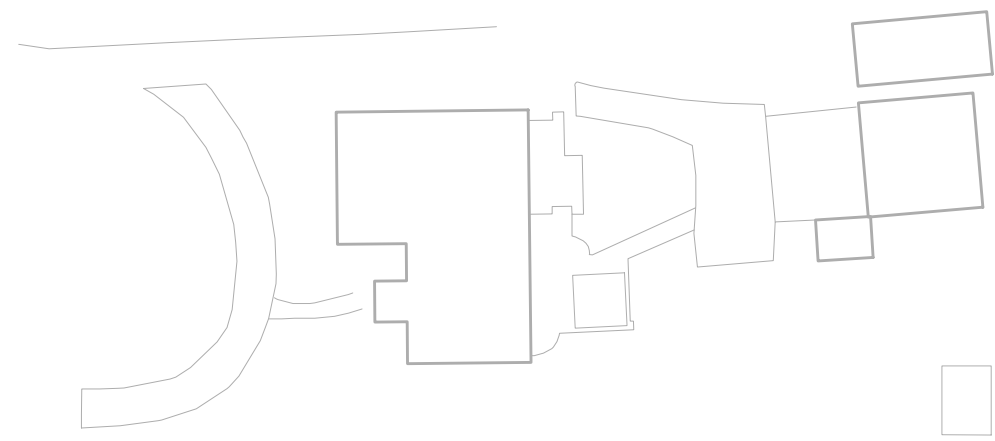
Drawn By:
KERI STORMS

Date: 6/30/2026

DESIGN SUPPORT

1

E2



RIDGEWAY (PRIVATE)
60' ROW Gravel

OLD RANCH ROAD Collector 60' ROW
Collector 60' ROW Asphalt

HOWELS ROAD
Collector 60' ROW Gravel

LUMINAIRE SCHEDULE						SYMBOL	QTY	LABEL	MANUFACT	CATALOG	WATTS	LUMENS	BUG	LLF	MTG HT
○	1	A1	1	STERNBERG	1A-GL1900-BFR-B-16-30-1A-MK010-2-CA	51	6863	B1-U0-G1	0.900	10, 14					
○	6	A2	1	STERNBERG	1A-GL1900-BFR-B-16-30-1A-MK010-2-CA	51	6864	B3-U0-G1	0.900	14					
▶	27	B	1	MCGRRAW-EDISON	ISS-SATA-750-U-74FT	201	2605	B1-U0-G1	0.900	8					
■	6	C1	1	MCGRRAW-EDISON	IST-SATA-750-U-74FT	201	2605	B1-U0-G1	0.900	10					
■	9	C2	1	MCGRRAW-EDISON	IST-SATA-750-U-74FT	201	2615	B1-U0-G1	0.900	10					
■	2	C3	1	MCGRRAW-EDISON	IST-SATA-750-U-74FT	201	2694	B1-U0-G1	0.900	10					
○	6	D	1	FC LIGHTING	FCB405-UNV-43-830-10L-BREL-D	41.901	933	B1-U0-G2	0.900	3.6					
■	1	E1	1	ALUZ	(130) AS-2020-BL-27K-GSFL-3W-245 STRING	376.38	13038	N.A.	0.900	8					
■	1	E2	1	ALUZ	(130) AS-2020-BL-27K-GSFL-3W-324 STRING	495.72	17172	N.A.	0.900	8					

CALCULATION STATISTICS	
REFLECTANCES	CALCULATION SPACING
DIRECT METHOD ONLY	10' 0" x 10' 0"

CALCULATION SUMMARY	
LABEL	UNITS
OVERALL	FC
PROPERTY LINE	FC
EVENT PATHWAY	FC
HABITAT WAY	FC
WEDDING MEADOW	FC

AVG	MAX	MIN	AVGMIN	MAXMIN
0.29	8.1	0.0	N.A.	N.A.
0.00	0.0	0.0	N.A.	N.A.
2.94	6.0	0.3	0.90	20.00
3.39	3.5	0.0	N.A.	N.A.
2.73	5.9	0.6	4.55	9.83