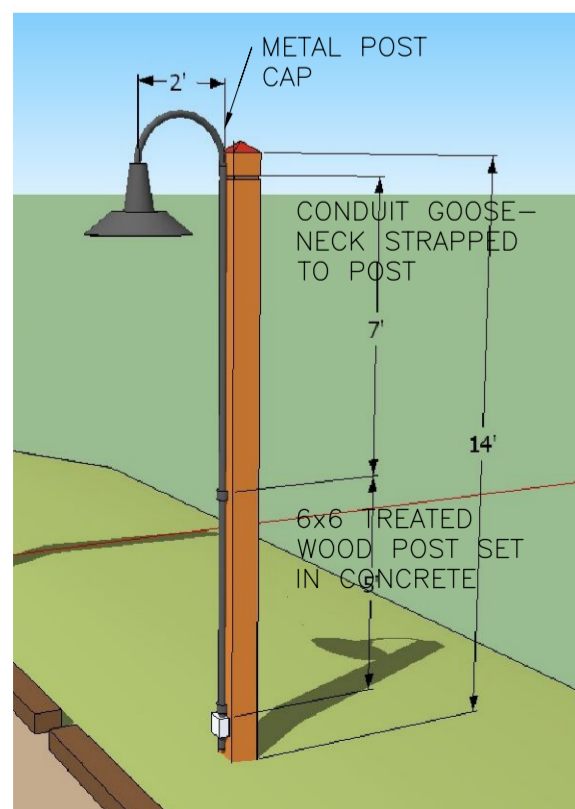


The Shire At Old Ranch
Howells & Old Ranch Road
Colorado Springs, CO

LIGHT FIXTURES A1 & A2



STERREBERG 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

PERFORMANCE DATA

Model #	T4 DELIVERED LUMENS	BUG	EFFICACY (LPW)	T5 DELIVERED LUMENS	BUG	EFFICACY (LPW)	WATTAGE
16L30T-MDL012	6350	B1U0G2	124.5	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

PERFORMANCE DATA

1 Light Square (SA)	
Drive Current (mA)	350
Power (Watts) 120-277V	20.1
Current (A) 120	0.17
Current (A) 277V	0.09
Power (Watts) 347V or 480V	23.3
Current (A) 347V	0.07
Current (A) 480V	0.05
Optics (4000K, 70 CRI)	
Lumens	2,802
T2 BUG Rating	B1-U0-G1
Lumens Per Watt	135
Lumens	2,778
T3 BUG Rating	B1-U0-G1
Lumens Per Watt	138
Lumens	2,791
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

TRAPEZOID, BLACK FINISH, WALL MOUNT, 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

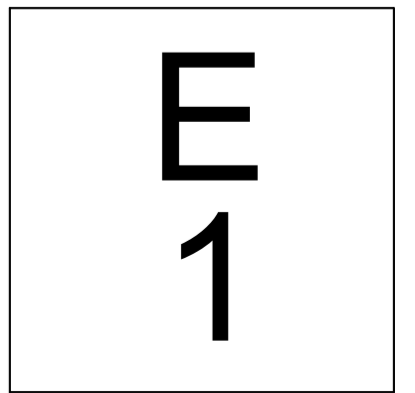


PERFORMANCE DATA

1 Light Square (SA)	
Drive Current (mA)	350
Power (Watts) 120-277V	20.1
Current (A) 120	0.17
Current (A) 277V	0.09
Power (Watts) 347V or 480V	23.3
Current (A) 347V	0.07
Current (A) 480V	0.05
Optics (4000K, 70 CRI)	
Lumens	2,731
T3 BUG Rating	B1-U0-G1
Lumens Per Watt	136
Lumens	2,762
T4FT BUG Rating	B1-U0-G1
Lumens Per Watt	137
Lumens	2,739
T4W BUG Rating	B1-U0-G1
Lumens Per Watt	136

RESUBMITTALS

PROJECT 19.8.1
DATE Feb. 29, 2024
PHASE Detail Plan
DRAWN WLF
CHECKED WLF
REVID

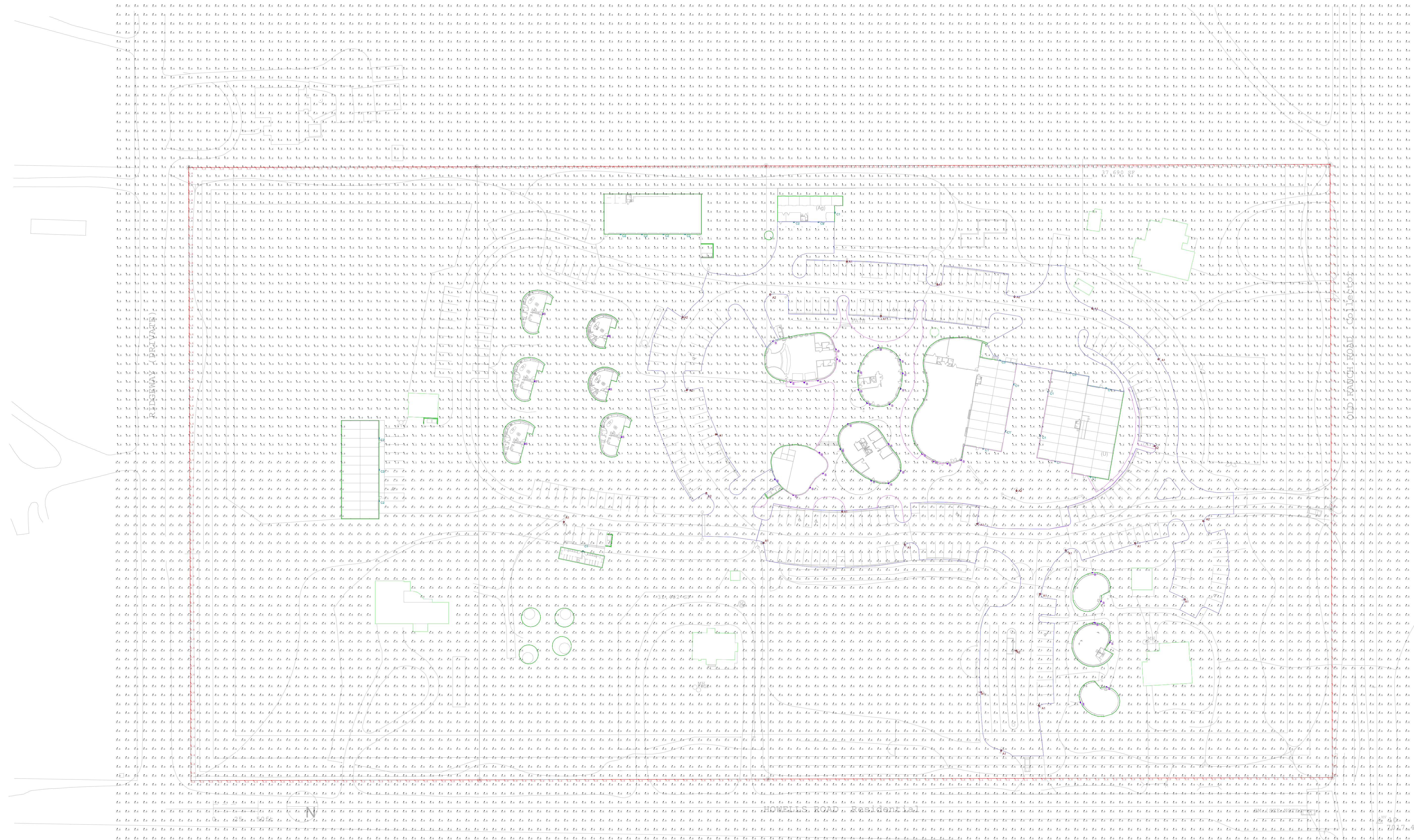


ILLUMINATION SYSTEMS
 5 SOUTH KALAMATH STREET
 DENVER, CO 80223
 PHONE: 303.295.2900
 FAX: 303.293.8337
 WWW.ILLUMSYS.COM

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

DATE: 2/27/2024

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.



LUMINAIRE SCHEDULE

SYMBOL	QTY	LABEL	WATTS	LUMENS	LF	CATALOG
18	1	A1	210	2335	0.900	1962-LED-16-3014-MED-02-CA
9	1	A2	50.0	5545	0.800	1962-LED-16-3015-MED-02-CA
18	1	B	20.0	2000	0.900	BT-SAIA-750-U-TW
18	1	C1	20.1	2487	0.800	BT-SAIA-750-LT
18	1	C2	20.1	2515	0.900	BT-SAIA-750-U-TW
18	2	C3	20.1	2484	0.900	BT-SAIA-750-U-TW

CALCULATION STATISTICS

REFLECTANCES	CALCULATION SPACING	FC CALCULATION HEIGHT	MOUNTING HEIGHT
DIRECT METHOD ONLY	10.0' X 10.0'	1.00X H.O.F.A.F.	POLES 10.0' A.F.F. WALL MOUNTS 8.0' A.F.F.

CALCULATION SUMMARY

LABEL	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
TOTAL SITE	FC	0.20	0.0	0.0	N/A	N/A
PROPERTY LINE	FC	0.00	0.2	0.0	N/A	N/A
PARK & DRIVE	FC	1.11	0.3	0.1	10.30	3.00
SIDEWALK	FC	1.87	0.0	0.1	18.70	30.00

E2

**SITE LIGHTING
 PHOTOMETRICS**

CREATED BY:
 JAMES LINDHOLM

FOR PRICING AND
 AVAILABILITY, CONTACT
 ILLUMINATION SYSTEMS
 AT 303.295.2900