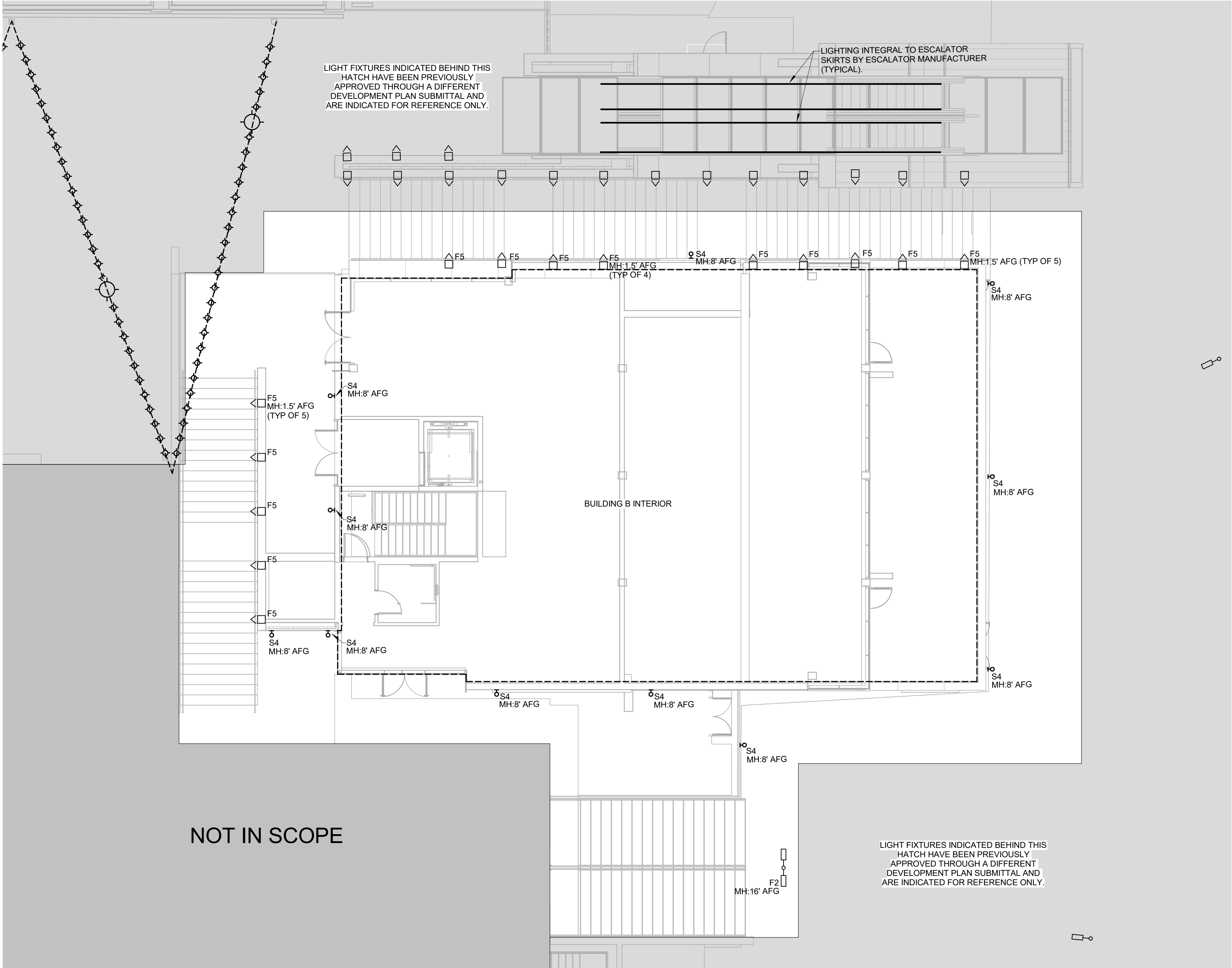


SITE LIGHTING - BUILDING B						
Type	Lamp	Description	Mounting	Manufacturer	Catalog Number	Comments
S4	1500 LUMENS, 13W LED, 3000K, 80 CRI	RECTANGULAR LOW PROFILE LED LUMINAIRE FOR INSTALLATION OUTDOORS WITH DIRECT LIGHT ONLY. LIGHT DISTRIBUTION TO BE ASYMMETRICAL AWAY FROM COLUMN THE LUMINAIRE IS MOUNTED ON.	WALL	WE-EF	VLS410 LED 131-0208	
F2	(2) 5903 LUMENS, (2) 55W, 3000K, 80 CRI	SIMILAR TO F1 EXCEPT DOUBLE POLE MOUNTED FIXTURES 180 DEGREES BACK TO BACK	POLE MOUNT	WE-EF	ASP534 LED655-3526	POLE MOUNTED FIXTURE, DOUBLE HEAD ORIENTED PER PLAN.
F5	807 LUMENS, 8W, 3000K, 80CRI	10.3" X 9" X 4" DEEP RECESSED STEP LIGHT. ASYMMETRIC FORWARD THROW LED. SHIELDED LIGHT SOURCE WITH A TEMPERED GLASS LENS. WET LOCATION RATED	RECESSED WALL	WE-EF	QRI354 LED 616-1321	MOUNT ABOVE STAIRS AT M.H. AS INDICATED PER PLAN.

BUILDING B LIGHTING - LIGHT FIXTURE SCHEDULE



FIXTURE PLACEMENT LEGEND

F# ——— FIXTURE TYPE PER FIXTURE SCHEDULE
MH: ## AFG ——— MOUNTING HEIGHT ABOVE FINISHED GRADE (AFG)
——— FIXTURE SYMBOL

2305 Mount Werner Circle
Steamboat Springs, CO 80487

Gensler

1225 17th Street
Suite 150
Denver, CO 80202
United States
Tel 303.595.8585
Fax 303.825.6823



141 9th Street
PO Box 774943
Steamboat Springs, CO
80477
Tel 970.871.9494

DESIGNWORKSHOP

1390 Lawrence Street
Suite 100
Denver, CO 80204
Tel 303.623.5186



14143 Denver West Pkwy
Suite 300
Golden, CO
United States
Tel 303.421.6655

Date Description

Seal / Signature

**NOT FOR
CONSTRUCTION**

Project Name

SSRC | BASE AREA
BUILDING B IMPROVEMENTS

Project Number

003.7835.000

Description

SITE LIGHTING PLAN - BLDG B

Scale

NOT TO SCALE

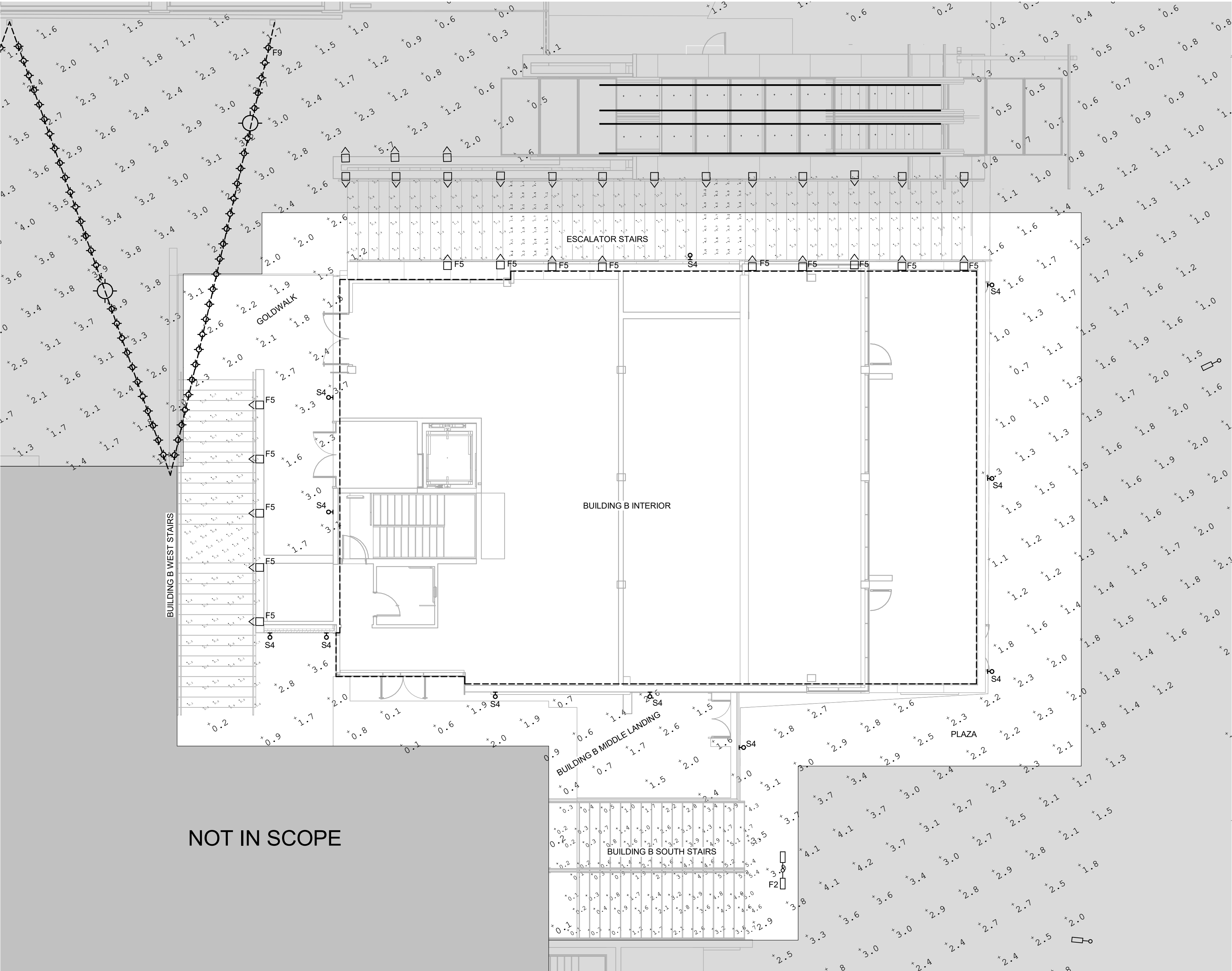
DP.501

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Building B Middle Landing	Illuminance	Fc	1.30	3.6	0.1	13.00	36.00
Building B South Stairs	Illuminance	Fc	2.53	5.4	0.1	25.30	54.00
Building B West Stairs	Illuminance	Fc	1.57	9.1	0.0	N.A.	N.A.
Escalator Stairs	Illuminance	Fc	2.88	11.9	0.3	9.60	39.67
Gold Walk	Illuminance	Fc	2.62	9.8	0.0	N.A.	N.A.
Plaza	Illuminance	Fc	1.54	5.4	0.0	N.A.	N.A.

2

SITE PLAN BUILDING B - CALCULATION SUMMARY

SCALE: 1/8" = 1'-0"



1

SITE PLAN BUILDING B - PHOTOMETRIC PLAN

SCALE: 1/8" = 1'-0"

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Steamboat Springs, CO 80487

Gensler

1225 17th Street
Suite 150
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141 9th Street
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Description

SITE PHOTOMETRICS - BLDG B

Scale

NOT TO SCALE

DP.502

S4

VLS410 LED
131-0208 (previous product code: 620-4424 for reference only!)

1/3

we-ef



Description IP66, Class I, IK07. Marine-grade, die-cast aluminum alloy, SCE superior corrosion protection including PCS hardware. Silicone rubber gasket. Safety glass lens. Two cable entries. Integral driver. CAD-optimized optics for superior illumination and glare control. QLC® One LED Concept. Factory installed LED circuit board 0-10V dimming comes standard with luminaire. Specify product with 7 Digit product code – Finish Color. (Other accessories, such as mounting, optical, and electrical, must be specified separately). Example: XXX-XXXX-9004 (Black) + XXX-XXXX (Accessories)	Beam Type	asymmetric, "forward throw" [A60]
	Light Source	LED-3/13W / 1400 mA - 3000 K
	CRI	80
	Gear Type	electronic gear
	Nominal Luminous Flux (lm)	
	LED Lumens	498.7 lm
	LEDs	3
	Total Lumens	1495 lm
	Tj	85 °C
	Delivered Lumens Flux (lm)	
	LED Lumens	149.4 lm
	Total Lumens	448.1 lm
	Ta	25 °C
	Rated Input Power	16 W

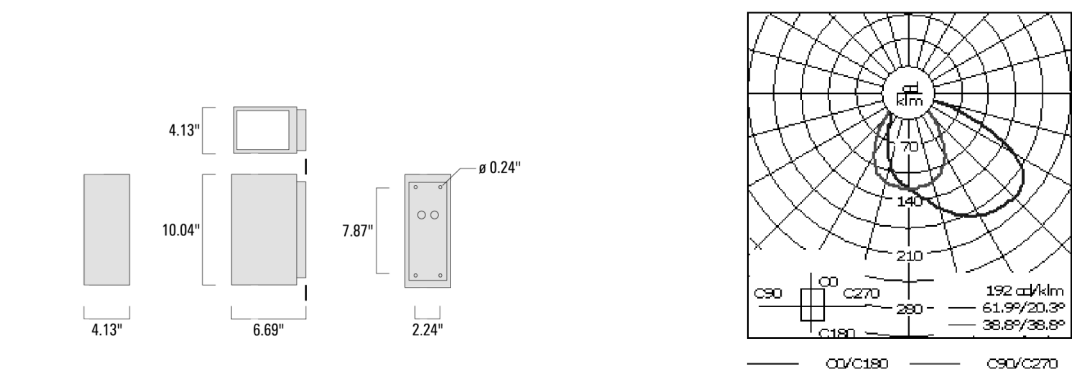
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410-D Keystone Drive | Warrandale PA 15088 | U.S.A. | Tel +1 724 742 0030 | Fax +1 724 742 0035 | info.usa@we-eef.com | www.we-eef.com | 14-09-2021 22:25

S4

VLS410 LED
131-0208 (previous product code: 620-4424 for reference only!)

2/3

we-eef



Material Specification	
Body:	Luminaire body and lens frame constructed in die cast aluminum.
Weight (lbs):	7.70
Lens:	Clear tempered glass lens.
Colours:	RAL9004 Black RAL9007 Grey Metallic RAL9016 White RAL8019 Dark Bronze
Quick Ship	Quickship features a one week ship time for Steplights and two week ship time for the rest of our Core products. All applicable information must be included for orders to be processed and colours must be in one of our 4 standard finishes. A maximum order quantity of 30 pieces applies.
Gasket:	Silicone rubber gasket
Fasteners:	PCS polymer coated stainless steel
Ingress protection:	IP66
Impact protection:	IK08
Corrosion protection:	SCE
Mounting:	Suitable for installation over a standard 4" recessed junction box.
Listings:	ETL listed. Suitable for wet locations.
Electrical Specification	
Power supply:	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast:	Integral EC electronic converter
Cable:	Two cable entries
Lifetime Ta=25°/40° L90B10 > 90000h	

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S4

VLS410 LED
131-0208 (previous product code: 620-4424 for reference only!)

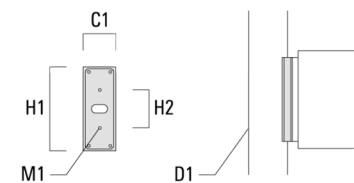
3/3

BUG Rating:
B0 L0 G0

Mounting Accessories

Column fitter
Mounting plate for installing VLS400 series on columns.

	C1	D1	H1	H2	M1	Weight (lbs)
131-9140	3.27	5.51	8.66	3.94	0.24	1.32 lbs



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F2

ASP534 LED
655-3526

1/11

we-eef



Description IP55. LED post top luminaire with polycarbonate lens. LED board can be easily removed to upgrade. Integrated heat sinks. Easy removal and replacement of LED board. CAD-optimized QLC® PMMA lens for multi-layer illumination and superior glare control. Optional 2200 K version available. To be specified at time of ordering.	Beam Type	[R65] Type IV Medium
	Light Source	LED-24/48W / 700 mA - 3000 K
	CRI	80
	Gear Type	electronic gear
	Nominal Luminous Flux (lm)	
	LED Lumens	246 lm
	LEDs	24
	Total Lumens	5903 lm
	Tj	85 °C
	Delivered Lumens Flux (lm)	
	LED Lumens	190.8 lm
	Total Lumens	4578.9 lm
	Ta	25 °C
	Rated Input Power	55 W

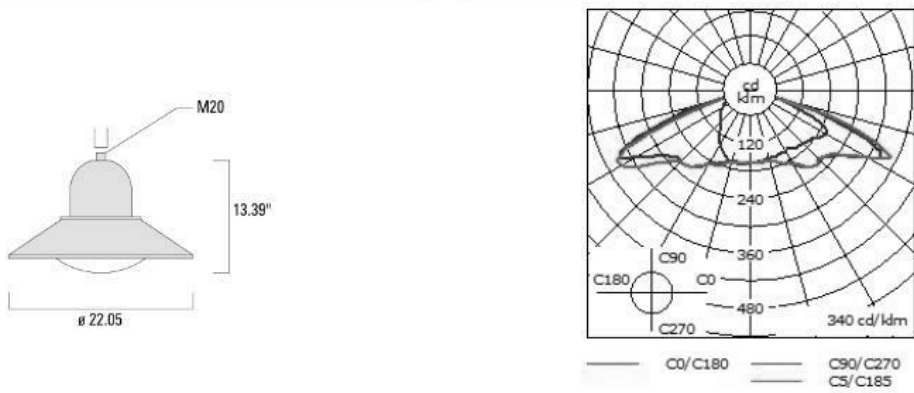
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F2

ASP534 LED
655-3526

2/11

we-eef



Material Specification	
Body:	Marine-grade die-cast aluminium alloy
Weight (lbs):	11.40
Lens:	Polycarbonate main lens
Colours:	RAL9004 Black RAL9007 Grey Metallic RAL9016 White RAL8019 Dark Bronze
ETL	ETL, UL 1598 equivalent, CSA C22.2#250.0. Suitable for Wet Locations.
Gasket:	Silicone rubber gasket
Fasteners:	PCS Polymer Coated Stainless Steel hardware
Ingress protection:	IP55
Impact protection:	IK10
Corrosion protection:	SCE
Mounting:	Luminaire requires a mounting bracket for mounting to wall or pole. Refer to mounting accessories for wall bracket and luminaire assembly brackets
Listings:	ETL listed. Suitable for wet locations.
Windage (EPA):	0.0898 m²
Electrical Specification	
Power supply:	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Power factor:	> 0.9
Driver / Ballast:	Integral EC electronic converter
Lifetime Ta=25°/40° L90B10 > 90000h	
BUG Rating:	

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F5

QRI354 LED
616-1321

1/3

we-eef



Description IP55. Recessed LED wall luminaire. Shielded light source. Suitable for installation in cavity wall construction or concrete pour construction using optional installation blackout.	Beam Type	asymmetric, "forward-throw" [A60]
	Light Source	LED-6/6W / 350 mA - 3000 K
	CRI	80
	Gear Type	electronic gear
	Nominal Luminous Flux (lm)	
	LED Lumens	134.5 lm
	LEDs	6
	Total Lumens	807 lm
	Tj	85 °C
	Delivered Lumens Flux (lm)	
	LED Lumens	85.9 lm
	Total Lumens	515.5 lm
	Ta	25 °C
	Rated Input Power	7.7 W

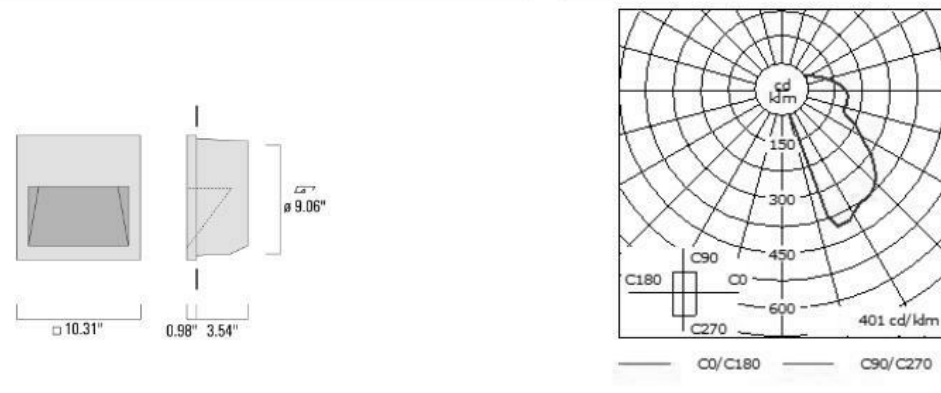
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F5

QRI354 LED
616-1321

2/3

we-eef



Material Specification	
Body:	Luminaire body and lens frame constructed in die cast aluminum.
Weight (lbs):	3.40
Lens:	Tempered glass lens.
Colours:	RAL9004 Black RAL9007 Grey Metallic RAL9016 White RAL8019 Dark Bronze
Quick Ship	Quickship features a one week ship time for Steplights and two week ship time for the rest of our Core products. All applicable information must be included for orders to be processed and colours must be in one of our 4 standard finishes. A maximum order quantity of 30 pieces applies.
Gasket:	Silicone rubber gasket
Fasteners:	PCS polymer coated stainless steel
Ingress protection:	IP55
Impact protection:	IK08
Corrosion protection:	SCE
Mounting:	Suitable for installation in cavity wall construction or concrete pour construction using optional installation blackout.
Listings:	ETL listed. Suitable for wet locations.
Electrical Specification	
Power supply:	Integral [ECG] electronic driver 120V-277V. 0-10V dimmable, to be specified with order.
Driver / Ballast:	Integral EC electronic converter
Cable:	Suitable for through wiring.
Lifetime LED >60,000 h Ta 25° [B10/70] Control gear >50,000 h Ta 25°	
Mounting Accessories	

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Steamboat
ALTERRA east west partners
MOUNTAIN COMPANY

2305 Mount Werner Circle
Steamboat Springs, CO 80487

Gensler

1225 17th Street
Suite 150
Denver, CO 80202
United States
Tel 303.595.8585
Fax 303.825.6823

LANDMARK
CONSULTANTS, INC.

141 9th Street
PO Box 774943
Steamboat Springs, CO
80477
Tel 970.871.9494

DESIGNWORKSHOP

1390 Lawrence Street
Suite 100
Denver, CO 80204
Tel 303.623.5186

me
engineers

14143 Denver West Pkwy
Suite 300
Golden, CO
United States
Tel 303.421.6655

Date Description

Seal / Signature

NOT FOR
CONSTRUCTION

Project Name

SSRC | BASE AREA
BUILDING B IMPROVEMENTS

Project Number

003.7835.000

Description

LIGHT FIXTURE CUT SHEETS

Scale

NOT TO SCALE

DP.510