

## Permanent Sign Permit Application

**Sign type: please mark all that apply.** Up to 4 signs may be included on one permit for one location, permit fee \$150. Additional signs at the same location may be included for \$50 each.

Number of Signs on this Permit:

Three

<input type="checkbox"/> Wall	<input type="checkbox"/> Window	<input type="checkbox"/> Marquee
<input type="checkbox"/> Projecting/Projected	<input type="checkbox"/> Free Form	<input type="checkbox"/> Home Occupation
<input checked="" type="checkbox"/> Freestanding	<input checked="" type="checkbox"/> Awning/Canopy	<input type="checkbox"/> Historic
<input type="checkbox"/> Other		
<input type="checkbox"/> Changeable Message	<input type="checkbox"/> Manual	<input type="checkbox"/> Electronic

Name of Neighborhood, Project Area or Nonresidential Use: Bear Claw Condominiums

Name of Use Owner/Applicant: Bear Claw II Condo. Assoc. c/o Jamie Daniels

Phone: 970-871-9100

Email: jdaniels@steamboatelevated.com

Name of Contact Person/Sign Contractor: Etienne Miller (ESA)

Phone: 303-442-5458

Email: etienne@esapc.com

Physical Address of Sign Location (including unit #): 2420 Ski Trail Lane

Sign Plan number or approved Adjustment number, if applicable: N/A

Linear Primary Frontage (in feet): N/A

Linear Secondary Frontage (in feet) (if applicable): N/A

The following items **MUST** be submitted as part of this application:

- ☒ **Proof of Ownership:** Printout from the Routt County Assessor's webpage.
- ☒ **Sign Exhibit for each sign:** Scaled drawing showing sign area, height, materials, and other sign and sign structure dimensions.
- ☒ **Site Plan:** Scaled drawing showing location of all existing and proposed signs and site limitations as listed in Section 508.B.
- ☒ **Elevation Drawing:** Scaled drawing, showing proposed sign location on building, if applicable.
- ☒ **Lighting Specs:** Type and specifications of proposed lighting.
- ☐ **Alternative Compliance:** A request for alternative compliance if applicable.

As the applicant, I understand that all required materials must be submitted prior to review, and the Sign Permit application shall be approved in writing by the Department of Planning and Community Development prior to the installation of any signage. I understand that a sign permit does not constitute approval of a land use. The department accepts no responsibility for any signs that have been constructed prior to approval, which do not comply with standards, approval criteria, a Sign Plan, or any requirements in the Community Development Code.

Jamie M. Daniels agent HOA Jamie M. Daniels 8-30-21  
Signature and printed name of Use Owner/Applicant Date

Jamie M. Daniels agent HOA Jamie M. Daniels 8-30-21  
Signature and printed name of Property Owner Date

<b>Sign #1</b>	Sign Type <b>Awning/Canopy - Single-Faced Sign</b>	
Sign Dimensions:	L <b>8'-0"</b>	Sign Area square footage: <b>20 s.f.</b>
H <b>2'-6"</b>	W <b>2"</b>	Frontage Location: <b>Face of porte-cochere</b>
Sign Height from ground <b>±21'-2"</b>	Frontage Substitution? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Type of Illumination:	<input type="checkbox"/> External <input checked="" type="checkbox"/> Internal <input type="checkbox"/> None	
Description:	Steel double plate sign mounted to steel structure - Back Plate: White - Face Plate: Black or Dark Metal. Cut-out logo within face plate w/ led lighting between the two plates, indirectly lighting logo from within - led lights not visible from the exterior.	
<b>Sign #2</b>	Sign Type <b>Awning/Canopy - Single-Faced Sign</b>	
Sign Dimensions:	L <b>8'-0"</b>	Sign Area square footage: <b>20 s.f.</b>
H <b>2'-6"</b>	W <b>2"</b>	Frontage Location: <b>Face of Ski Entry Fascia</b>
Sign Height from ground <b>±10'-4"</b>	Frontage Substitution? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Type of Illumination:	<input type="checkbox"/> External <input checked="" type="checkbox"/> Internal <input type="checkbox"/> None	
Description:	Steel double plate sign mounted to steel structure - Back Plate: White - Face Plate: Black or Dark Metal. Cut-out logo within face plate w/ led lighting between the two plates, indirectly lighting logo from within - led lights not visible from the exterior.	
<b>Sign #3</b>	Sign Type <b>Freestanding - Single-Faced Sign</b>	
Sign Dimensions:	L <b>8'-0" (±9'-2" Base)</b>	Sign Area square footage: <b>20 s.f.</b>
H <b>3'-2 3/4" (±6'-3 1/4" total)</b>	W <b>2" (±2'-0" Base)</b>	Frontage Location: <b>Replace existing freestanding sign</b>
Sign Height from ground <b>±6'-3 1/4"</b>	Frontage Substitution? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Type of Illumination:	<input type="checkbox"/> External <input checked="" type="checkbox"/> Internal <input type="checkbox"/> None	
Description:	Steel double plate sign mounted to steel structure - Back Plate: White - Face Plate: Black or Dark Metal. Cut-out logo within face plate w/ led lighting between the two plates, indirectly lighting logo from within - led lights not visible from the exterior. Freestanding sign over stone veneer base to be placed in the same location as the existing freestanding sign.	
<b>Sign #4</b>	Sign Type	
Sign Dimensions:	L	Sign Area square footage:
H	W	Frontage Location:
Sign Height from ground	Frontage Substitution? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Type of Illumination:	<input type="checkbox"/> External <input type="checkbox"/> Internal <input type="checkbox"/> None	
Description:		

**Conditions of Approval:**

**Approval:**

Approved by \_\_\_\_\_

\_\_\_\_\_ Date

**Associated Development Permit or Sign Plan Numbers:**

--

**Alternative Compliance:**

Nature of Alternative Compliance:

--

Approved by \_\_\_\_\_

\_\_\_\_\_ Date

# Property Record Card

Routt County Assessor

**BEAR CLAW II  
HOMEOWNERS ASSOC**

**Account: R8169620**

Tax Area: 28 - \*RE2\* SS City  
Limits\_Ski Resort Base Area (SS  
Redevelopment Authority)

Acres: 2.630

**Parcel: 104677001**

Situs Address:  
2420 SKI TRAIL LN  
STEAMBOAT SPRINGS, 80487

## Value Summary

Value By:	Market	Override
Land (1)	\$50	N/A
<b>Total</b>	<b>\$50</b>	<b>\$50</b>

## Legal Description

BEAR CLAW II COMMON AREA



## Public Remarks

Entry Date	Model	Remark
09/29/2005		09/05 CREATED PER GIS SC
05/07/2020		5/7/2020: 0.69 ACRES USED IN NEW SUBD - BEAR CLAW ESTATES: R8180728/317201011 & R8180729/317202011 (FILE#14436 @ REC#808941 4/21/2020. NO COVS. SUBCODE 3172 ). LEAVES A REMAINDER ACREAGE IN THIS ACCT OF 1.942AC. SH

## Land Occurrence 1

Property Code	9198 - MISC OTHER LAND	Economic Area	6 - STEAMBOAT CONDOS
Neighborhood	750 - STEAMBOAT COMMERCIAL	Land Code	7000099 - COMMON AREA
Land Use	1 - PRIME SITE	Zoning	RR2
Site Access	2 - YEAR-ROUND	Road	4 - PAVED
Site View	2 - GOOD	Topography	1 - LEVEL
Slope	1 - NOT AFFECTED	Wetness	1 - NOT AFFECTED
Water	3 - COMM/PUBLIC	Utilities	4 - GAS/ELEC
Sewer	3 - COMM/PUBLIC	Zoning	RR2
Slope	1 - NOT AFFECTED	Wetness	1 - NOT AFFECTED



# Property Record Card

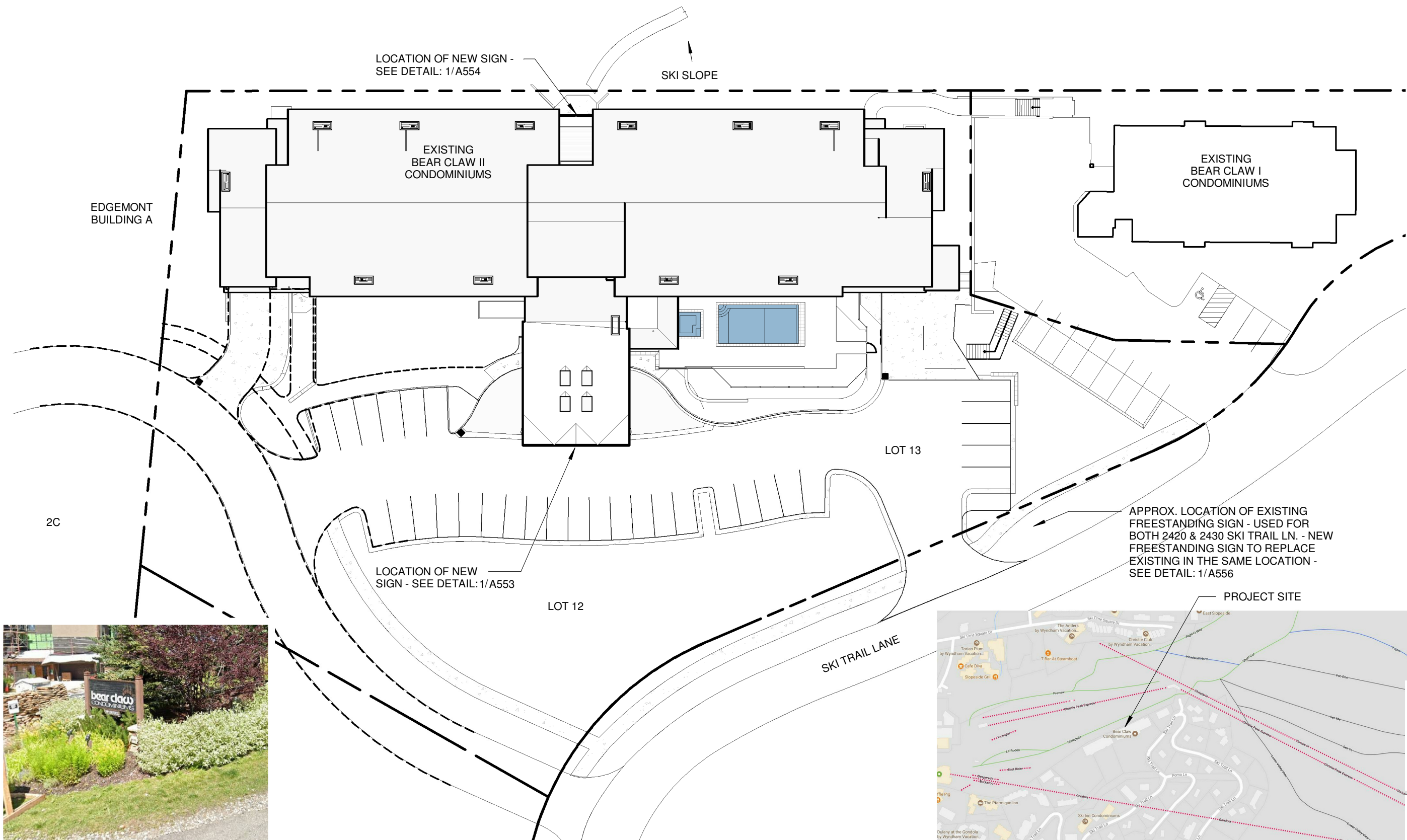
Routt County Assessor

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## Abstract Summary

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Code	Classification	Actual Value	Value	Taxable Value	Actual Value Override	Taxable Override
9198	MISC OTHER LAND		\$50	\$10	NA	NA
<b>Total</b>			<b>\$50</b>	<b>\$10</b>	<b>NA</b>	<b>NA</b>



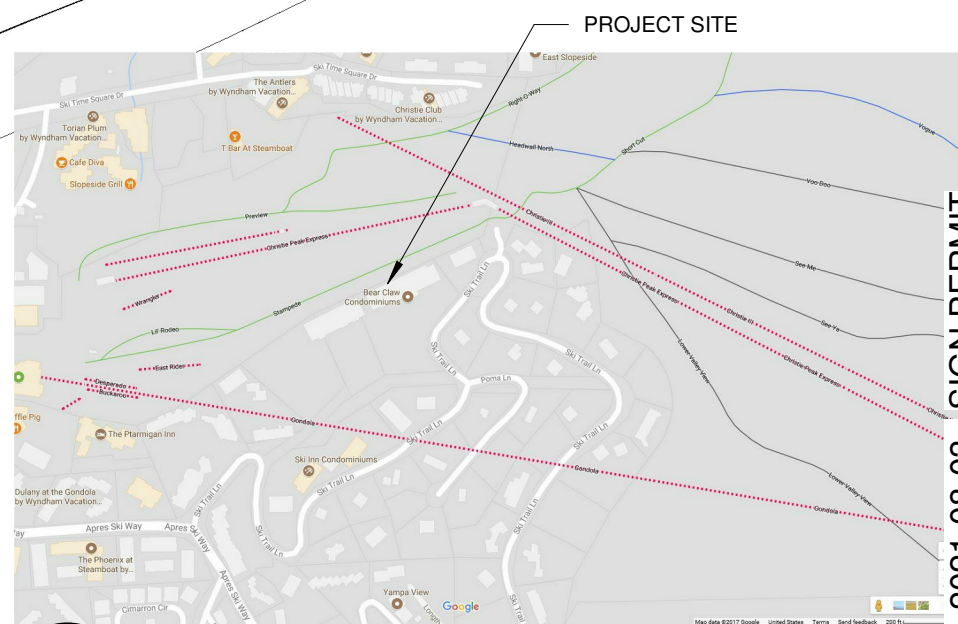
EXISTING FREESTANDING SIGN TO BE REPLACED WITH NEW FREESTANDING SIGN IN THE SAME LOCATION

1

A550

SITE PLAN, SIGN PERMIT

1" = 40'-0"



2

A550

VICINITY MAP, SIGN PERMIT

1/16" = 1'-0"

DATE: 2021-08-03 - SIGN PERMIT

NOTICE: DUTY OF COOPERATION

Release of these plans contemplates further cooperation among the owner, his contractor and the architect. Design and construction are complex. Although the architect and his consultants have performed their services with due care and diligence, they cannot guarantee perfection. Communication is imperfect and every contingency cannot be anticipated. Any ambiguity or discrepancy discovered by the use of these plans shall be reported immediately to the architect. Failure to notify the architect compounds misunderstanding and increases responsibility for the consequences. Changes made from the plans without consent of the architect are unauthorized and shall relieve the architect of responsibility for all consequences arising out of such changes.

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Eric Smith Associates, P.C.

BEAR CLAW II

EXTERIOR REMODEL

2420 SKI TRAIL LANE

STEAMBOAT SPRINGS, COLORADO

ERIC SMITH ASSOCIATES, P.C.

1915 SEVENTH STREET

BOULDER, COLORADO, 80502

(303) 442-9486, (303) 442-4748 FAX

Job Number: 17022

Date: 11.2.2020

Drawn By: HC

Checked By: Checker

Project Phase

PERMIT

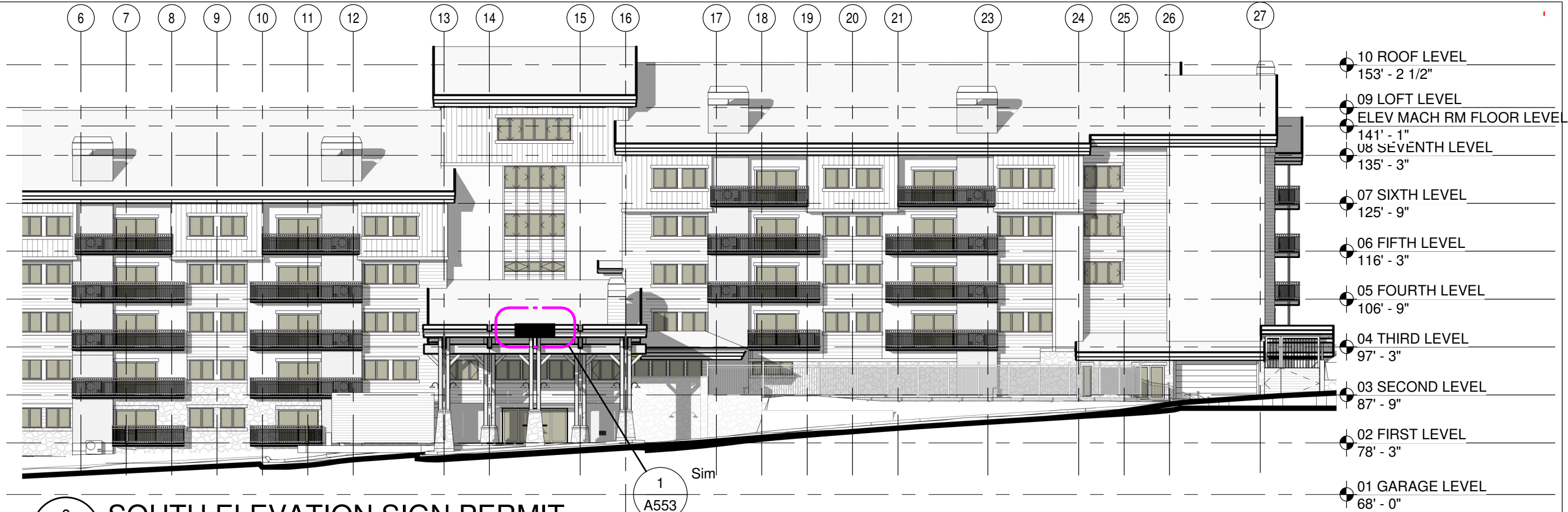
Sheet Title

SITE PLAN, SIGN PERMIT

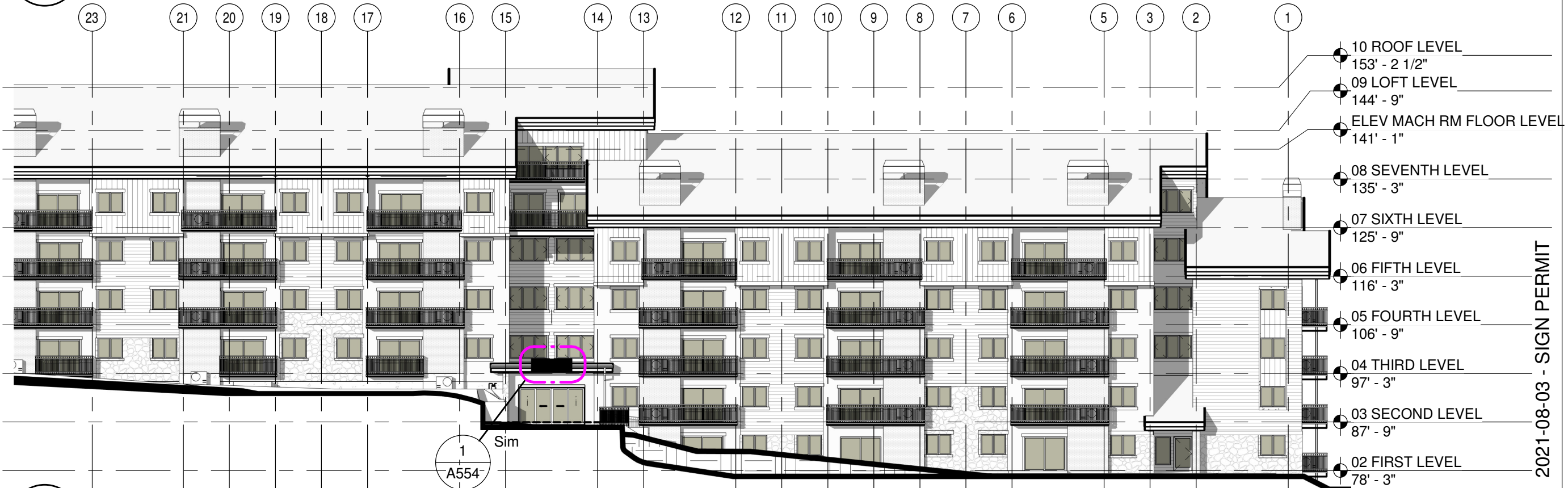
Sheet Number

A550





2 SOUTH ELEVATION SIGN PERMIT  
A551 3/64" = 1'-0"



1 NORTH ELEVATION SIGN PERMIT  
A551 3/64" = 1'-0"

DATE: 2021-08-03 - SIGN PERMIT

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**BEAR CLAW II**  
**EXTERIOR REMODEL**  
**2420 SKI TRAIL LANE**  
**STEAMBOAT SPRINGS, COLORADO**

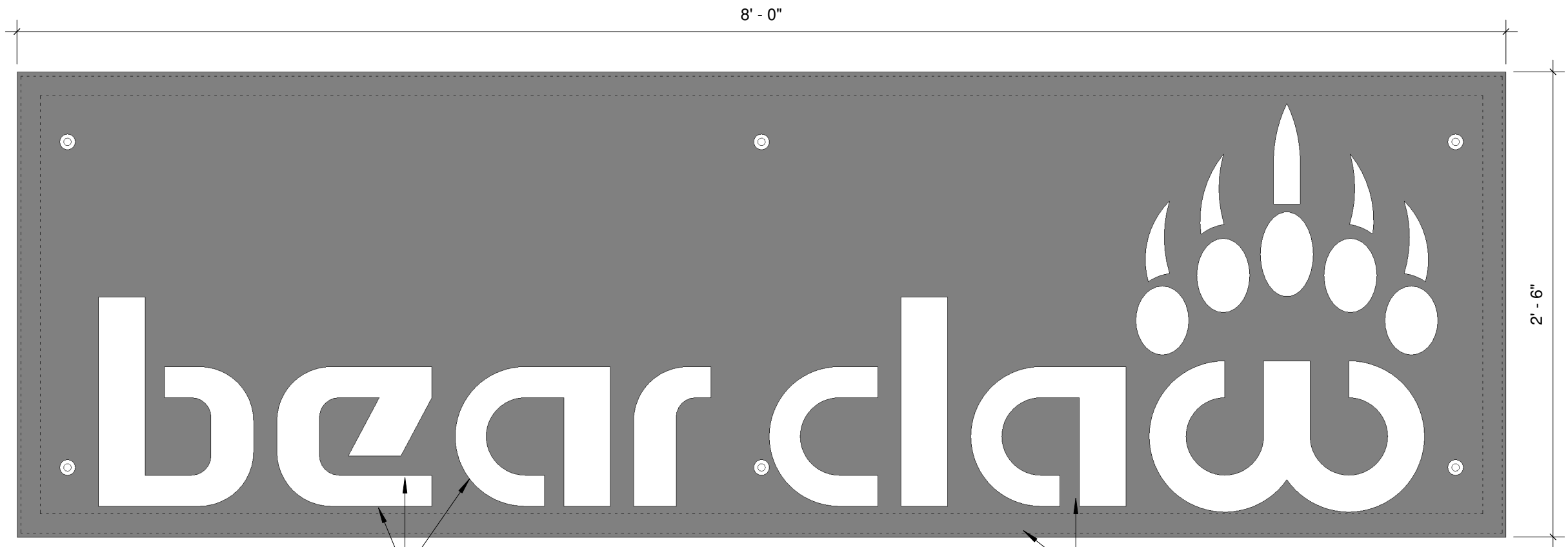


Job Number: 17022  
Date: 11.2.2020  
Drawn By: Author  
Checked By: Checker

Project Phase  
PERMIT

Sheet Title  
BUILDING ELEVATION,  
SIGN PERMIT

Sheet Number  
**A551**



AREA OF SIGN (BLACK) = 20 SF  
LIGHT SPECIFICATION: LED LINEAR VENUS  
TC-TV-IP67 STATIC WHITE LED STRIP (1.8 TO  
4.6 WATTS/FT)

ELEVATION

CUT-OUT LOGO WITHIN FACE PLATE  
WITH LED LIGHTING BETWEEN THE  
TWO PLATES, INDIRECTLY LIGHTING  
LOGO FROM WITHIN - LED LIGHTS  
NOT VISIBLE FROM THE EXTERIOR

STEEL DBL. PLATE SIGN MOUNTED TO STEEL  
STRUCTURE - BACK PLATE: WHITE - FACE  
PLATE: BLACK OR DARK METAL

1

A552

BEAR CLAW SIGN ELEVATION

1 1/2" = 1'-0"

DATE: 2021-08-03 - SIGN PERMIT

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BEAR CLAW II

EXTERIOR REMODEL

2420 SKI TRAIL LANE

STEAMBOAT SPRINGS, COLORADO

ERIC SMITH ASSOCIATES, P.C.

1919 SEVENTH STREET

BOULDER, COLORADO, 80502

(303) 442-9486, (303) 442-4746 FAX

Job Number: 17022

Date: 11.2.2020

Drawn By: Author

Checked By: Checker

Project Phase

PERMIT

Sheet Title

DETAILS, SIGN PERMIT

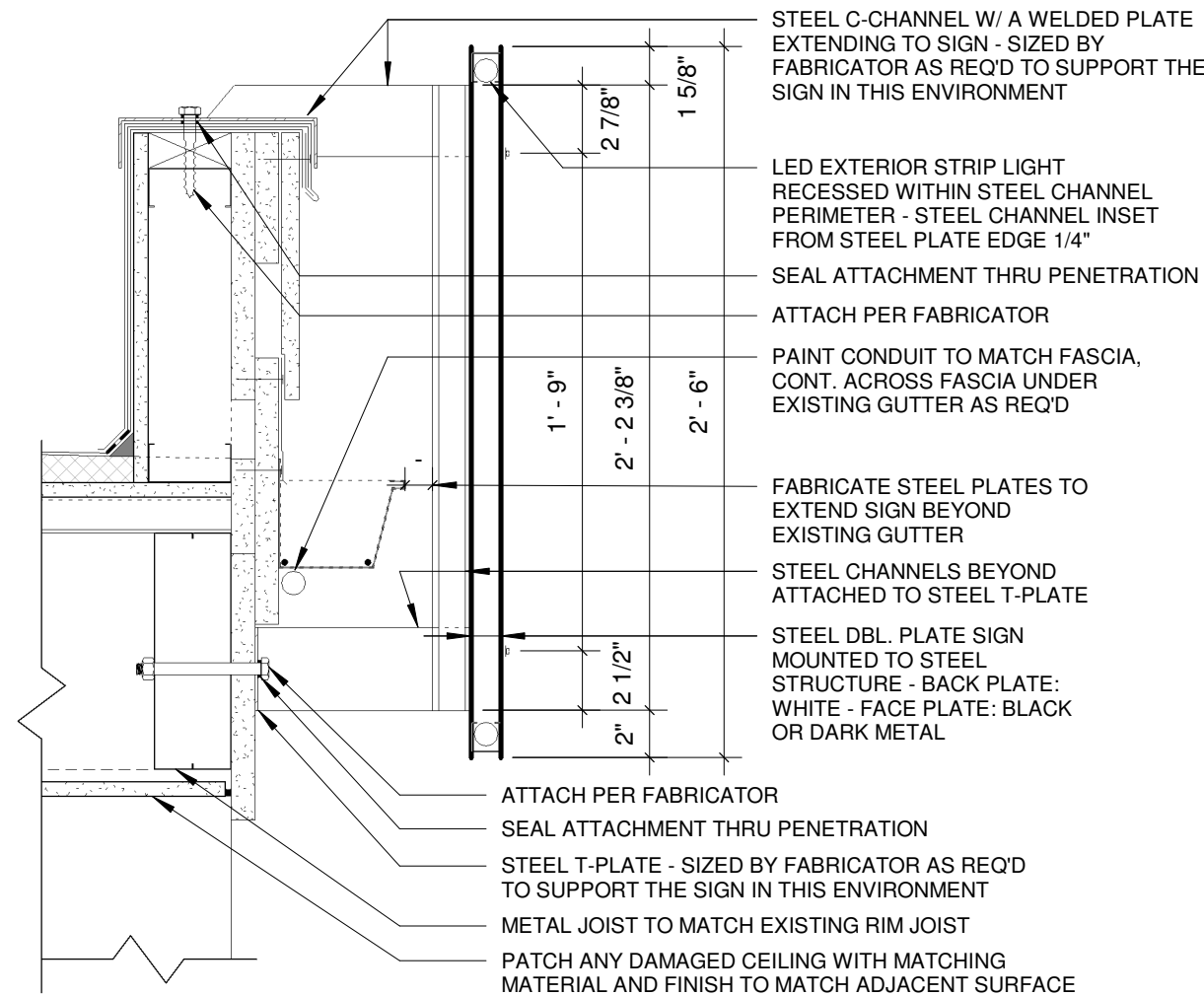
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A552



LIGHT SPECIFICATION: LED LINEAR VENUS TC-TV-IP67  
STATIC WHITE LED STRIP (1.8 TO 4.6 WATTS/FT)

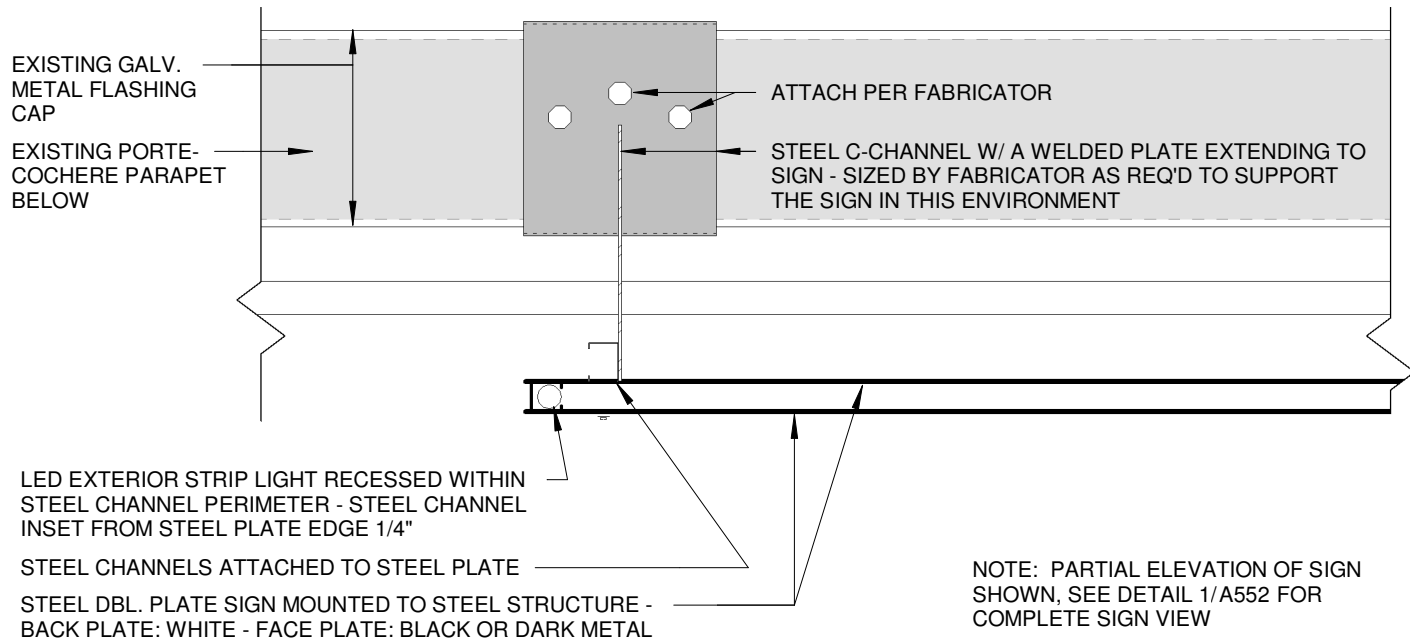
NOTE: ALL ELEMENTS NOT POINTED OUT OR  
OTHERWISE SPECIFIED ARE EXISTING - FILED VERIFY



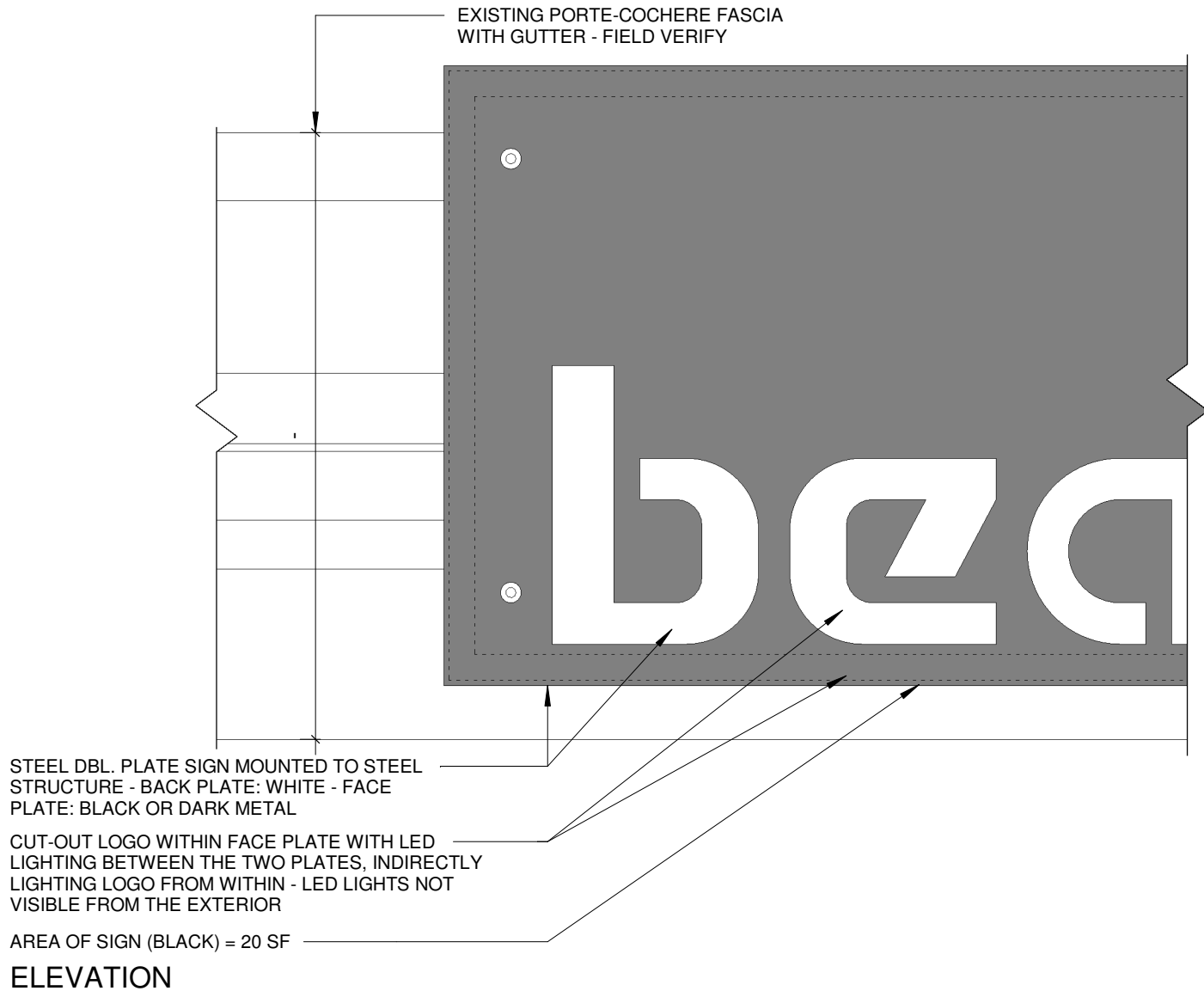
1  
A553

# PORTE-COCHERE EAVE SIGN DETAIL

1 1/2" = 1'-0"



## PLAN



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**BEAR CLAW II**  
**EXTERIOR REMODEL**  
**2420 SKI TRAIL LANE**  
**STEAMBOAT SPRINGS, COLORADO**

**ES**

ERIC SMITH ASSOCIATES, P.C.  
1915 SEVENTH STREET  
BOULDER, COLORADO, 80502  
(303) 442-9486, (303) 442-4748 FAX

Job Number: 17022  
Date: 11.2.2020  
Drawn By: Author  
Checked By: Checker

Project Phase  
PERMIT

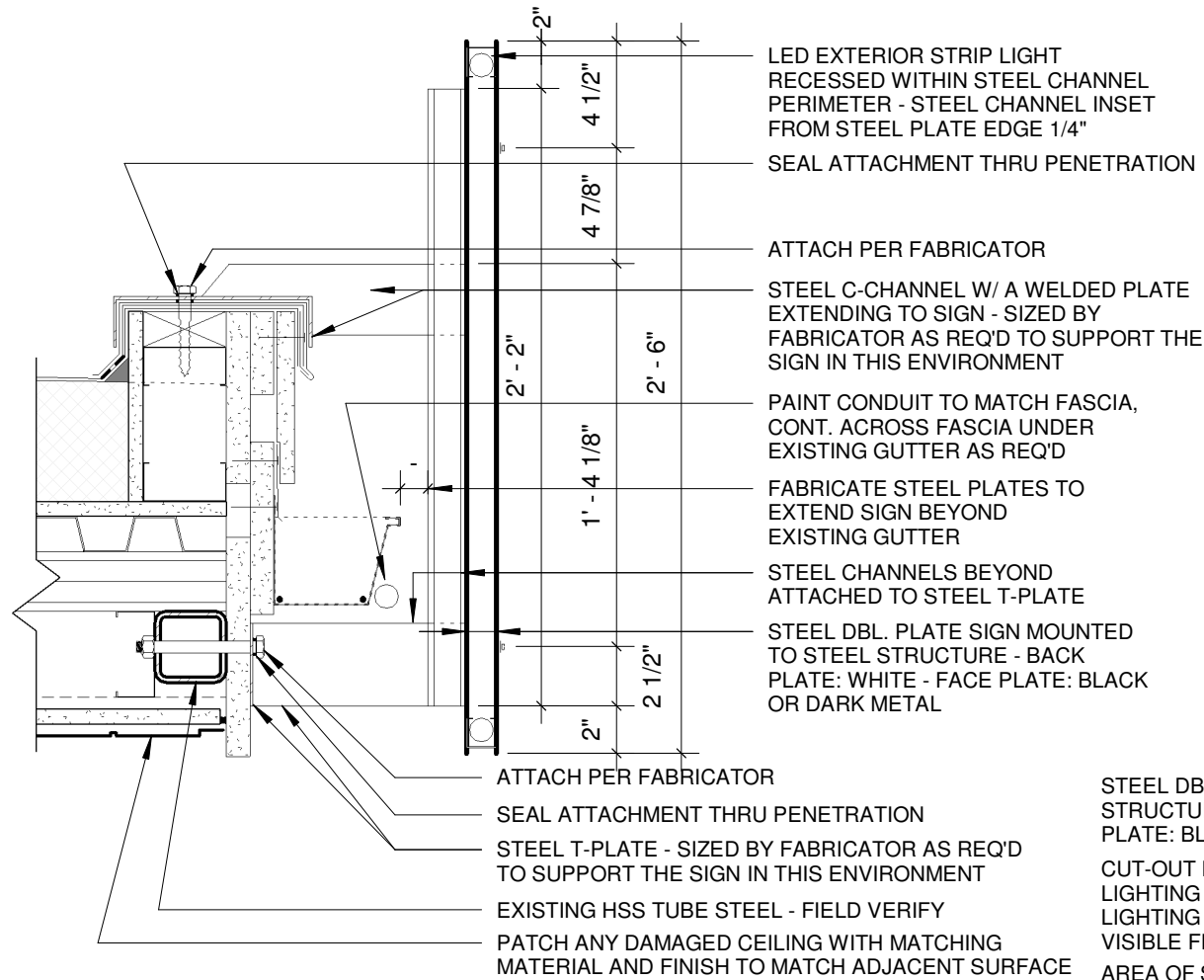
Sheet Title  
DETAILS, SIGN  
PERMIT

Sheet Number  
**A553**

DATE: 2021-08-03 - SIGN PERMIT

LIGHT SPECIFICATION: LED LINEAR VENUS TC-TV-IP67  
STATIC WHITE LED STRIP (1.8 TO 4.6 WATTS/FT)

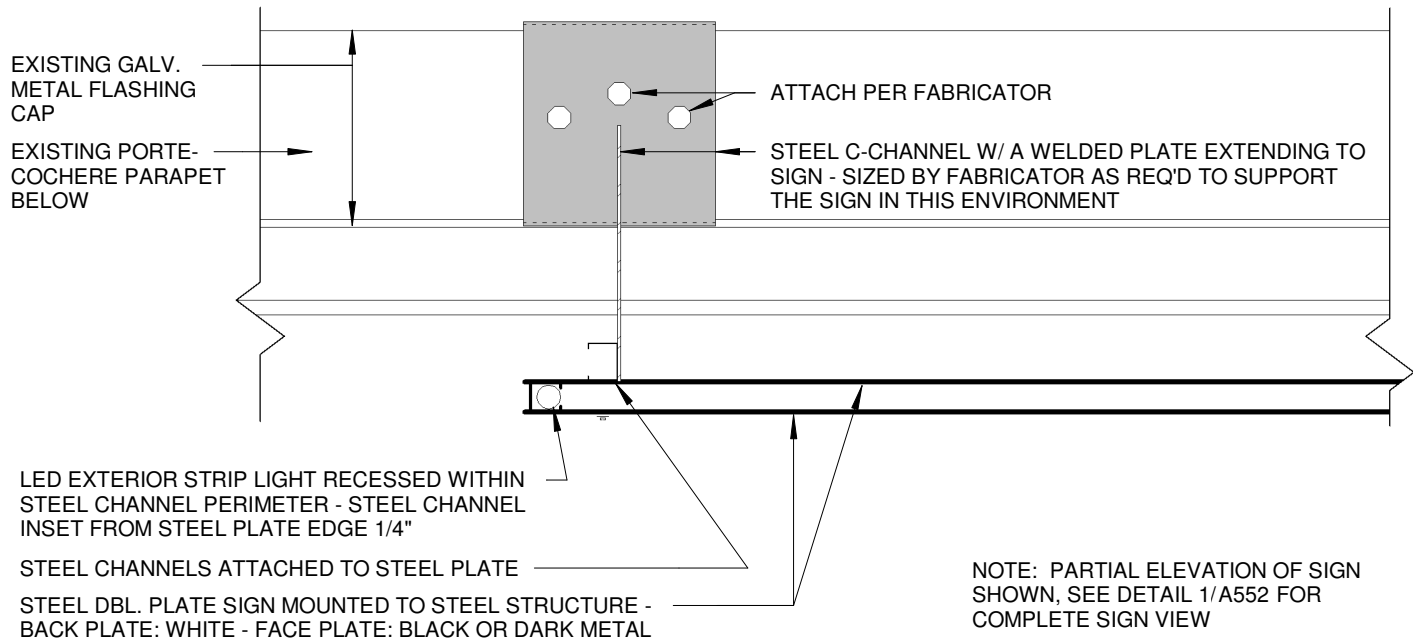
NOTE: ALL ELEMENTS NOT POINTED OUT OR  
OTHERWISE SPECIFIED ARE EXISTING - FILED VERIFY



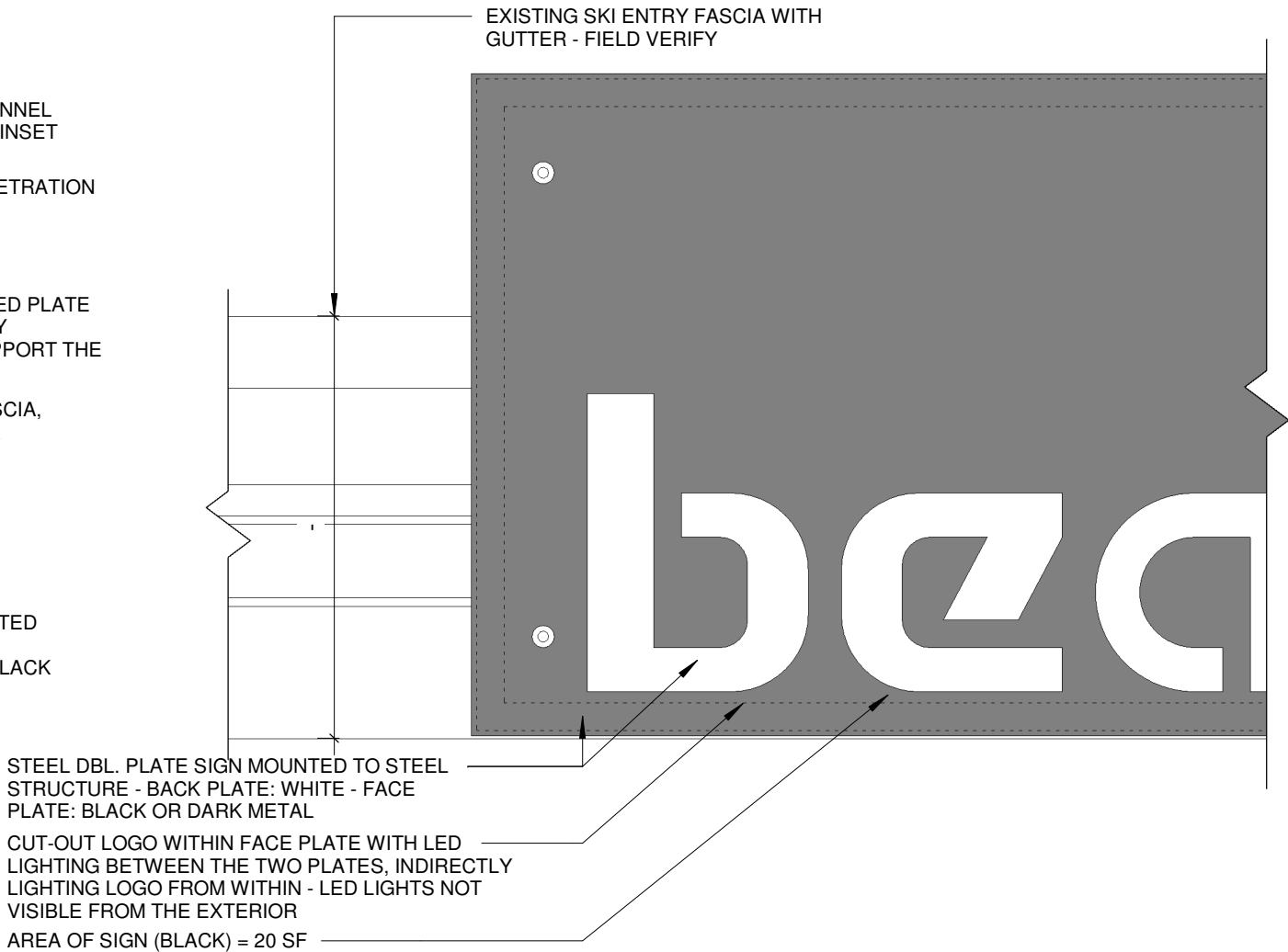
1  
A554

# SKI ENTRY EAVE SIGN DETAIL

1 1/2" = 1'-0"



## PLAN



## ELEVATION

DATE: 2021-08-03 - SIGN PERMIT

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**BEAR CLAW II**  
**EXTERIOR REMODEL**  
2420 SKI TRAIL LANE  
STEAMBOAT SPRINGS, COLORADO

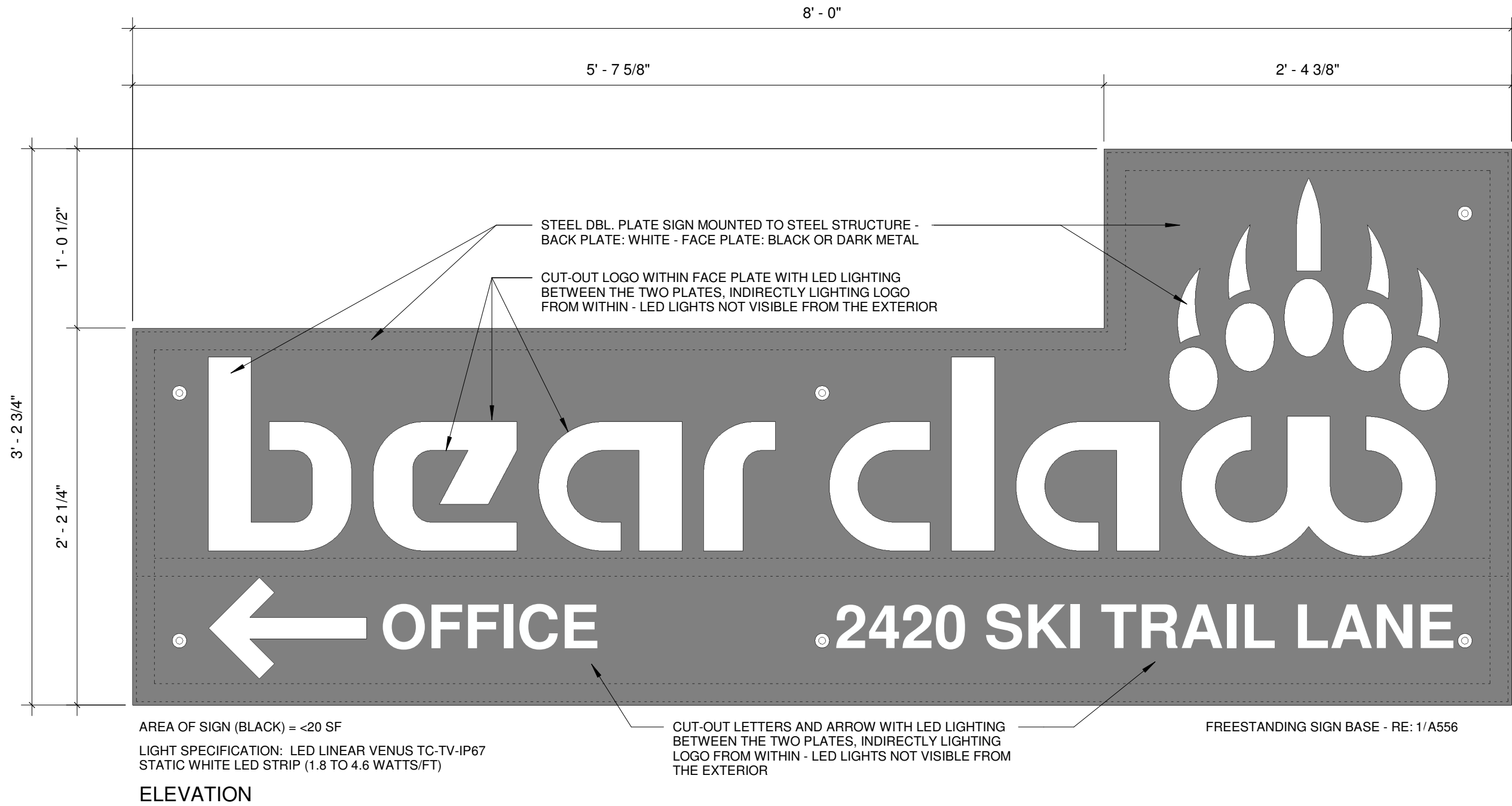


Job Number: 17022  
Date: 11.2.2020  
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Checked By: Checker

Project Phase  
PERMIT

Sheet Title  
DETAILS, SIGN  
PERMIT

Sheet Number  
**A554**



DATE: 2021-08-03 - SIGN PERMIT

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**BEAR CLAW II**  
**EXTERIOR REMODEL**  
**2420 SKI TRAIL LANE**  
**STEAMBOAT SPRINGS, COLORADO**

**ES**

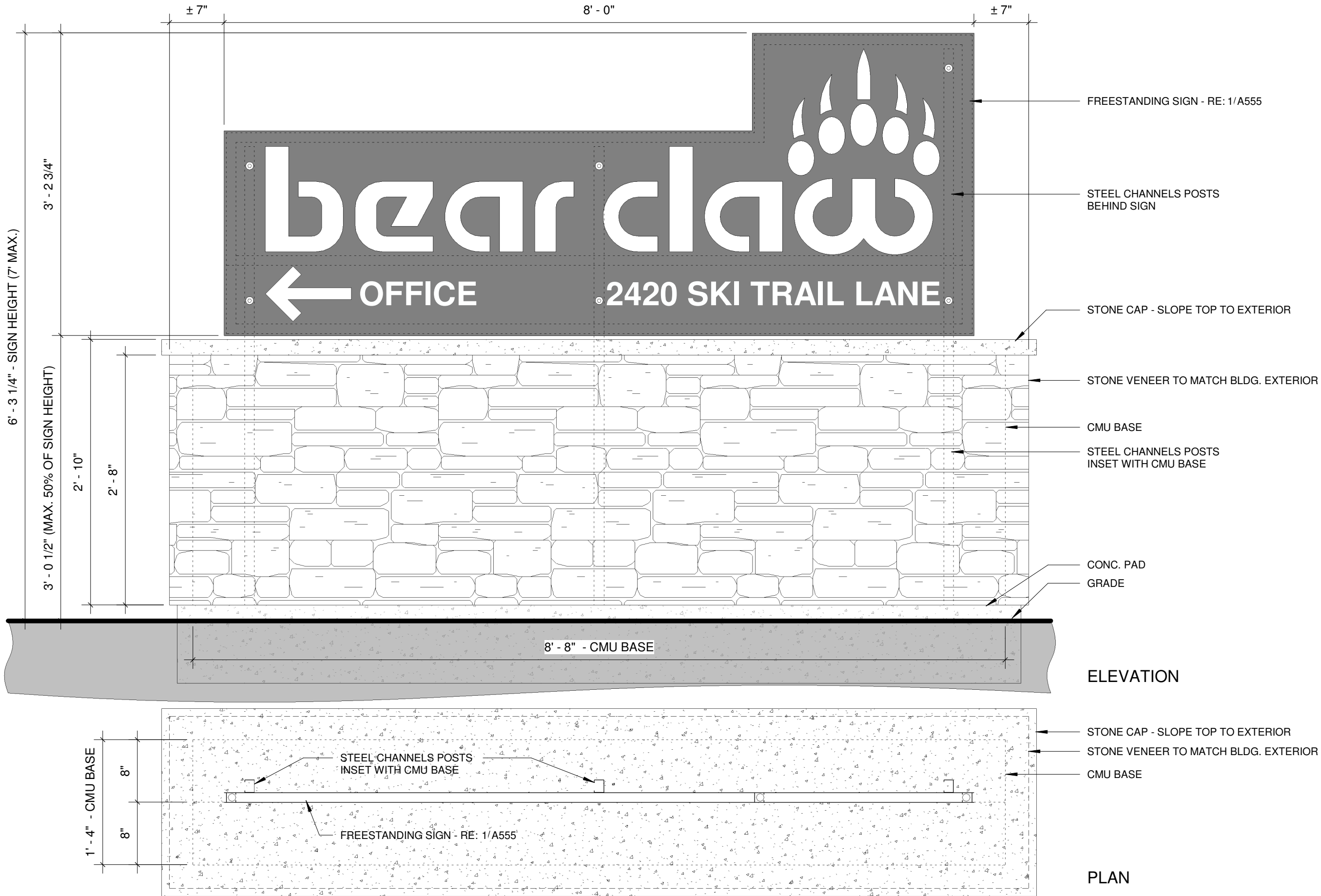
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Drawn By: Author  
Checked By: Checker

Project Phase  
PERMIT

Sheet Title  
DETAILS, SIGN  
PERMIT

Sheet Number  
**A555**



1  
A556

BEAR CLAW SIGN ELEVATION (FREESTANDING & BASE)

1" = 1'-0"

DATE: 2021-08-03 - SIGN PERMIT

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**BEAR CLAW II**

**EXTERIOR REMODEL**

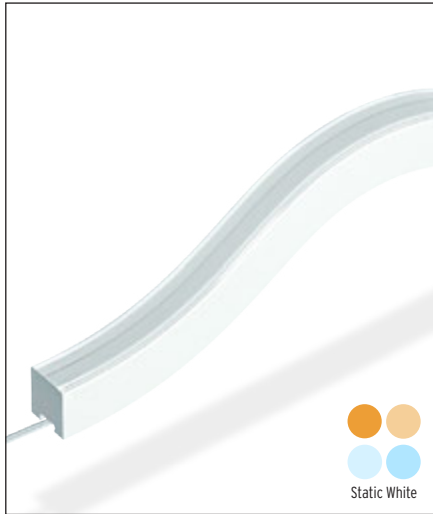
**2420 SKI TRAIL LANE**

**STEAMBOAT SPRINGS, COLORADO**

**ES**

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(303) 442-9486, (303) 442-4748 FAX

Job Number:	17022
Date:	11.2.2020
Drawn By:	Author
Checked By:	Checker
Project Phase	
PERMIT	
Sheet Title	
DETAILS, SIGN PERMIT	
Sheet Number	
A556	



IP67 flexible dot free and perfectly homogeneous linear LED light line with a 0.71" x 0.67" (W x H) cross section. Opal polyurethane encapsulation offering a premium water proof sealing, UV resistance and chemical stability. True Color technology for an optimal rendition of the LED spectrum with minimal color shift. Vertical bending only, with radius of 5.9" offering the ideal solution for organic facade geometry. Usable for accent lighting or decorative applications requiring IP67 ingress. Freely configurable in length. Backside cable feed for an optimal fixture to fixture overlap. Light source assembled using Reel to Reel (R2R) production process supporting LED Linear™ Tj Away® thin flexible circuit board technology. Outstanding lifetime of > 60,000 hrs L80/B10. Embeds high quality CSP LEDs with 3 step MacAdams (SDCM3) binning centered on target CCT (One Bin Only) with an extended photometric code of Wxxx/339 ensuring an exceptional color consistency over the rated lifetime. Premium color rendition with a CRI of 95. Consistent light intensity all along the strip length. Fully dimmable. Engineered and produced in Germany.

Project name

Fixture type

Specifier

Phase

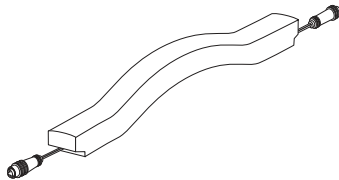
Date



TV - Vertical Bend

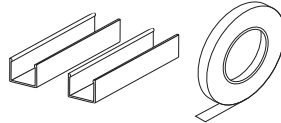
## Ordering Process

Step 1



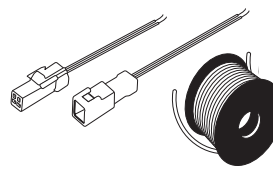
Fixture (Page 1)

Step 2



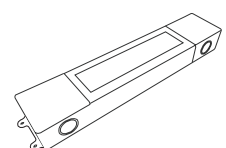
Mounting Accessories (Page 5)

Step 3



Cables and Connectors (Page 5)

Step 4









Drivers and Controllers (Page 6)

## Fixture Order Code

Family	Model/Lumen package*	Variant	Color Rendering/Color Temperature	Custom length**	Ingress
VarioLED Flex	-----	--	----	-----	IP67
	VENUS TC - Low Output	TV - Vertical Bend	W821 - 85CRI, 2100K	L <sub>min</sub> : 354 mm (1' 2")	
	100 lm/ft		W925 - 95CRI, 2500K	L <sub>max</sub> : 3924 mm (12' 10-1/2")	
	PHOBOS TC - Mid Output		W927 - 95CRI, 2700K		
	160 lm/ft		W930 - 95CRI, 3000K	Increment: 70 mm (2-3/4")	
	SKYLLA TC - High Output		W934 - 95CRI, 3400K		
	240 lm/ft		W842 - 85CRI, 4200K		

\* Lumen Values represent 3000K (W930)

\*\* Custom Length should be specified in millimeters (mm). See page 4 for all available lengths.

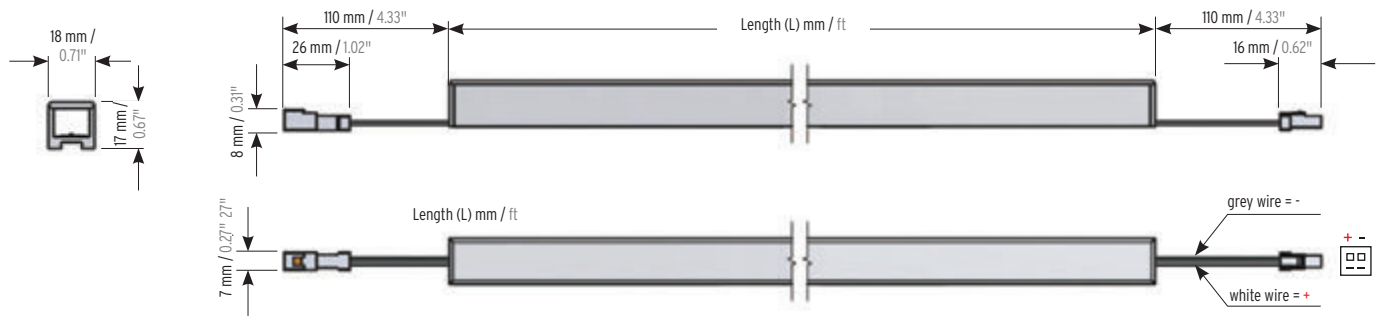
			Low Output			Mid Output		High Output	
			Color temperature <sup>A</sup>	Lumen/ft	W/ft <sup>B</sup>	Lumen/ft	W/ft <sup>B</sup>	Lumen/ft	W/ft <sup>B</sup>
Static White		W821	2,100 K	80	1.8	150	3	220	4.6
		W925	2,500 K	90	1.8	160	3	230	4.6
		W927	2,700 K	90	1.8	160	3	240	4.6
		W930	3,000 K	100	1.8	160	3	240	4.6
		W934	3,400 K	100	1.8	170	3	240	4.6
		W842	4,200 K	120	1.8	210	3	310	4.6

<sup>A</sup> CCT tolerances occur in IP67 products due to the encapsulation of the fixture.

<sup>B</sup> The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.



## Mechanical Details



TV Version Bending Direction  
 $R_{min} = 15 \text{ cm} / 5.91''$

IP67 plug in connector (male / female) on both ends. Fixtures at maximum length ships with one male connector only.

Fixture Weight: 0.22 lbs / ft

## Technical Details

Voltage	24 Volt (23 $V_{min}$ , 25 $V_{max}$ )
Case temperature <sup>A</sup>	$T_{cmin} = -4^{\circ}\text{F} / -20^{\circ}\text{C}$ , $T_{cmax} = 149^{\circ}\text{F} / 65^{\circ}\text{C}$
Storage temperature	$T_{smin} = -22^{\circ}\text{F} / -30^{\circ}\text{C}$ , $T_{smax} = 185^{\circ}\text{F} / 85^{\circ}\text{C}$
Ambient temperature	$T_{amin} = -4^{\circ}\text{F} / -20^{\circ}\text{C}$ , $T_{amax} = \text{specific, see Table below}$

<sup>A</sup> The position of the Tc-point is marked on each step of the LED strip. The Tc-point should be measured in thermal equilibrium according to IEC EN 60598-1.

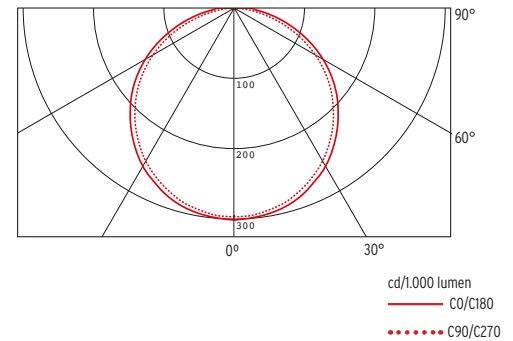
	Low Output	Mid Output	High Output
Power (W/ft) <sup>B</sup>	1.8	3	4.6
Efficacy (lm / W) <sup>B</sup> @ W842	63	66	67
CRI / R <sub>9</sub> @ 3000 K	95 / 86	95 / 86	95 / 86
R <sub>f</sub> / R <sub>g</sub> @ 3000 K	92 / 101	92 / 101	92 / 101
Max fixture length (ft / m)	12.9 / 4	12.9 / 4	12.9 / 4
Max serial run length (ft / m) <sup>B</sup>	39.4 / 12	30.0 / 9	20.0 / 6
Temperature Tc-point ( $T_{cmax}$ ) <sup>C</sup>	149°F / 65°C	149°F / 65°C	149°F / 65°C
Max ambient temperature ( $T_{amax}$ )	122°F / 50°C	122°F / 50°C	104°F / 40°C

<sup>B</sup> With supply voltage > 23.5 V

<sup>C</sup> The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

## Light Distribution

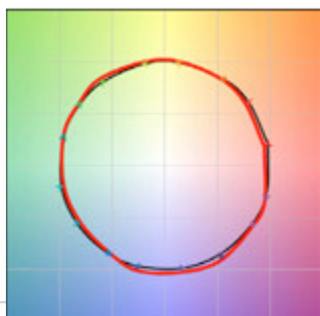
VENUS TC TV IP67 - Static White



## Colorimetric Details - Venus TC TV IP67

Photometric Code	CCT	R <sub>a</sub> / CRI	R9	TM-30-15 / R <sub>f</sub>	TM-30-15 / R <sub>g</sub>
W934	3400 K	95	86	92	101

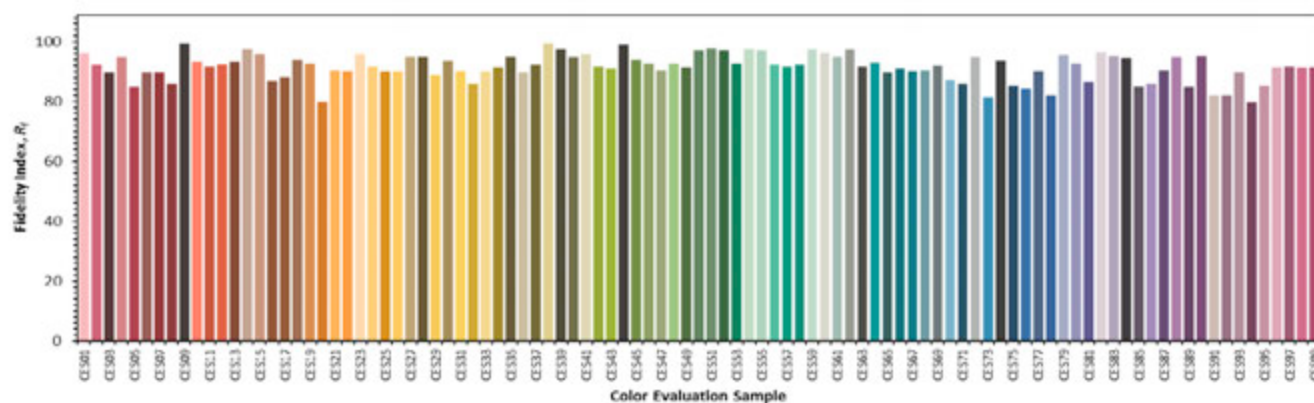
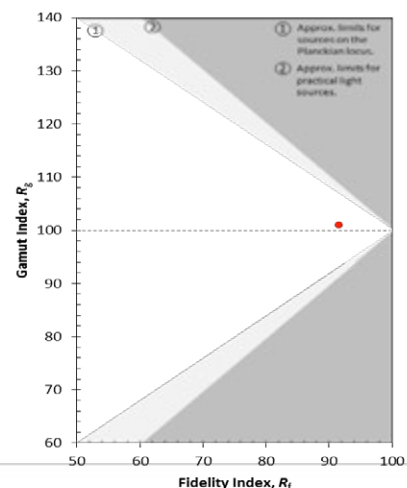
Color  
Vector  
Graphic



Color  
Distortion  
Graphic











Reference  
Illuminant  
Test Source








## LENGTH CHART - Venus TC TV IP67

Fixture length		Static White					
		Low Output 1.8 Watts/Ft		Medium Output 3.1 Watts/Ft		High Output 4.6 Watts/Ft	
inches	mm	Watts/fixture	Lumens/fixture @W930K	Watts/fixture	Lumens/fixture @W930K	Watts/fixture	Lumens/fixture @W830K
13.9	354	2	105	4	186	5	279
16.7	424	3	125	4	223	6	334
19.5	494	3	146	5	259	7	389
22.2	564	3	166	6	296	9	444
25.0	634	4	187	6	333	10	499
27.7	704	4	208	7	369	11	554
30.5	774	5	228	8	406	12	609
33.2	844	5	249	8	443	13	664
36.0	914	5	270	9	480	14	720
38.7	984	6	290	10	516	15	775
41.5	1054	6	311	10	553	16	830
44.3	1124	7	332	11	590	17	885
47.0	1194	7	352	12	627	18	940
49.8	1264	7	373	12	663	19	995
52.5	1334	8	394	13	700	20	1050
55.3	1404	8	414	14	737	21	1105
58.0	1474	9	435	15	774	22	1160
60.8	1544	9	456	15	810	23	1215
63.5	1614	10	476	16	847	24	1271
66.3	1684	10	497	17	884	25	1326
69.1	1754	10	518	17	920	26	1381
71.8	1824	11	538	18	957	28	1436
74.6	1894	11	559	19	994	29	1491
77.3	1964	12	580	19	1031	30	1546
80.1	2034	12	600	20	1067	31	1601
82.8	2104	12	621	21	1104	32	1656
85.6	2174	13	642	21	1141	33	1711
88.4	2244	13	662	22	1178	34	1766
91.1	2314	14	683	23	1214	35	1822
93.9	2384	14	704	23	1251	36	1877
96.6	2454	14	724	24	1288	37	1932
99.4	2524	15	745	25	1325	38	1987
102.1	2594	15	766	26	1361	39	2042
104.9	2664	16	786	26	1398	40	2097
107.6	2734	16	807	27	1435	41	2152
110.4	2804	17	828	28	1472	42	2207
113.2	2874	17	848	28	1508	43	2262
115.9	2944	17	869	29	1545	44	2318
118.7	3014	18	890	30	1582	45	2373
121.4	3084	18	910	30	1618	47	2428
124.2	3154	19	931	31	1655	48	2483
126.9	3224	19	952	32	1692	49	2538
129.7	3294	19	972	32	1729	50	2593
132.4	3364	20	993	33	1765	51	2648
135.2	3434	20	1014	34	1802	52	2703
138.0	3504	21	1034	34	1839	53	2758
140.7	3574	21	1055	35	1876	54	2813
143.5	3644	22	1076	36	1912	55	2869
146.2	3714	22	1096	37	1949	56	2924
149.0	3784	22	1117	37	1986	57	2979
151.7	3854	23	1138	38	2023	58	3034
154.5	3924	23	1158	39	2059	59	3089

## Mounting Accessories

Item	Description	Dimensions (L x W x H)	Order Code
	Low Surface Mounting Clip & Channel Aluminum, surface mounting accessories. Available as 1" short clips, 6.5' and 13' long continuous mounting channel. Clips are recommended to use at most 12 inches apart. White finish.	1-1/4" x 7/8" x 6/8" 6' 6" x 7/8" x 6/8" 13' x 7/8" x 6/8"	13000277 10000552 10000552-4M
	High Surface Mounting Clip & Channel Aluminum, surface mounting accessories with cable raceway underneath. Available as 1" short clips, 6.5' and 13' continuous mounting channel. Clips are recommended to use at most 12 inches apart. White finish.	1-1/4" x 7/8" x 1" 6' 6" x 7/8" x 1" 13' x 7/8" x 1"	13000278 10000553 10000553-4M
	Clear Surface Holding Clamp Surface mounting clamp, fix to the surface with screws. UV stable transparent plastic material. Recommended to use at most every 18 inches. White finish.	5/8" x 2" x 3/4"	13000279
	Flexible Pendant Mounting System Aluminum segmented system for curvatures, pendant set needed every three feet. White finish.	6' 6" x 7/8" x 1"	10000554
	Pendant Set Steel aircraft cable, available in two lengths. At least 2 pendant sets per 3' are required for flexible pendant channel (1000554).	6' 1/2" cable length 16' 3/8" cable length	13000273 13000274
	Recessed Mounting Channel Aluminum recessed mounting channel with pre-mounted mounting springs and decorative cover strips. Available as 6.5' and 13' lengths. White finish.	6' 6" x 1-1/2" x 1-3/4" 13' x 1-1/2" x 1-3/4"	10000559 10000559-4M
	End Caps End cap set (2 pieces) for recessed mounting channel. White finish.	7/8" x 1-3/8" x 1-7/8"	11000214
	Adhesive Tape for Surface Mounting High quality adhesive tape, use to install the product on glossy or rough surfaces.	164' x 3/4"	18200135







## Cables and Connectors

Item	Description	Model	Dimensions	Order Code
	Cable IP68 for Static White Outdoor rated UL approved cable. Use to extend installation distance with outdoor rated splicing box (by others).	Static White	2 x 22 AWG, 160 ft	14000030
	Mini Female Connector IP67 for Static White Use to run cable from the driver to the first fixture of the run or to the next fixture. Female mini connector on one side and open end cable on the other side.	Static White Static White	2 x 22 Awg, 8 in 2 x 22 Awg, 6.5 ft	15000141 15000142
	Mini Male Connector IP67 for Static White Use to run cable from the fixture to the driver or to the previous fixture. Male mini connector on one side and open end cable on the other side.	Static White	2 x 22 Awg, 8 in	15000140
	Mini Extension IP67 for Static White Use to extend the distance between connection points. Female connector on one side and male connector on the other side.	Static White Static White	2 x 22 Awg, 4 in 2 x 22 Awg, 6.5 ft	15000143 15000144
	Mini Female Protection Cap IP67 for Static White Use to seal unused connectors and maintain IP67 ingress protection.	Static White	—	15000218

## Drivers

Item	Specifications	Downloads
<b>LED LINEAR™</b> Non-Dimmable Drivers 	<ul style="list-style-type: none"> <li>• UL 8750 Listed Enclosure - With Built-In Junction Boxes</li> <li>• Universal Input Voltage 120V - 277V</li> <li>• IP65 - For Both Indoor and Outdoor Use</li> <li>• No Minimum Load Requirement</li> <li>• 24V Constant Voltage Output, Class 2</li> <li>• Available in three wattages 30W, 60W and 96W</li> <li>• Max. Dimensions: 12-1/8" x 2-3/8" x 1-3/8"</li> </ul>	<a href="#">30 W SPEC SHEET</a> <a href="#">60 W SPEC SHEET</a> <a href="#">96 W SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>
<b>LED LINEAR™</b> 0-10V Dimmable Drivers 	<ul style="list-style-type: none"> <li>• UL 8750 Listed Enclosure - With Built-In Junction Boxes</li> <li>• 0-10V Dimmable - Flicker Free Down to 1%</li> <li>• Universal Input Voltage 120V - 277V</li> <li>• IP65 - For Both Indoor and Outdoor Use</li> <li>• 24V Constant Voltage Output, Class 2, Class P</li> <li>• Available in three wattages 30W, 60W and 96W</li> <li>• Max. Dimensions: 12-1/8" x 2-3/8" x 1-3/8"</li> </ul>	<a href="#">30 W SPEC SHEET</a> <a href="#">60 W SPEC SHEET</a> <a href="#">96 W SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>
<b>LED LINEAR™</b> ELV/Triac Dimmable Drivers 	<ul style="list-style-type: none"> <li>• UL 8750 Listed Class 2 Enclosure</li> <li>• 24V constant voltage output</li> <li>• Compact size yet high efficiency and performance in dry and damp environments (IP67)</li> <li>• Multiple Inputs: 120V or 277V</li> <li>• Fully dimmable: ELV Dimmers - Reverse or Adaptive Phase Control, Trailing Edge</li> <li>• Available in two wattages 48W and 96W</li> <li>• Multiple Circuits are available up to 4 units (up to 384W)</li> </ul>	<a href="#">48 W SPEC SHEET</a> <a href="#">96 W SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>
 PWM Dimmable Drivers 	<ul style="list-style-type: none"> <li>• Universal AC input / Full range (up to 305VAC)</li> <li>• Constant voltage PWM style output</li> <li>• Built-in 3 in 1 dimming function (0-10Vdc or PWM signal or resistance)</li> <li>• Dimming range : 0-100%</li> <li>• Class 2 power unit</li> <li>• Suitable for dry / damp / wet locations</li> <li>• UL Recognized component, 5 years warranty</li> </ul>	<a href="#">40 W SPEC SHEET</a> <a href="#">60 W SPEC SHEET</a> <a href="#">90 W SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>
<b>OLUTRON</b> Dimmable Drivers 	<ul style="list-style-type: none"> <li>• UL Listed Enclosure</li> <li>• Dimming Range: 100% to 1% and 0.1% (Premiere)</li> <li>• LED lighting turns on to any dimmed level without flashing to full brightness</li> <li>• Operating Voltage: 120V~ to 277V~ at 50/60 Hz</li> <li>• Rated lifetime of 50,000 hours at 40°C (104°F) ambient temperature and maximum loading</li> <li>• For rated warranty, ambient temperature not to exceed 40°C (104°F)</li> <li>• Open-circuit protected output</li> </ul>	<a href="#">HI-LUME SPEC SHEET</a> <a href="#">HI-LUME PREMIERE SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>
<b>eldoLED</b> DALI/DMX Dimmable Drivers 	<ul style="list-style-type: none"> <li>• Available in linear or rectangular format</li> <li>• 100W, DMX/DALI interface for Static White, Tunable White and RGB/W Applications</li> <li>• 4 control channels</li> <li>• 24V constant voltage, 4 x 24V outputs</li> <li>• Metal or plastic case options</li> </ul>	<a href="#">100 W SPEC SHEET</a> <a href="#">INSTALLATION INSTRUCTIONS</a>

## Controllers

Item	Specifications	Downloads
	<b>180/D</b> DMX Controller for RGB/W and Tunable White Applications	<a href="#">180/D SPEC SHEET</a>
	<b>210/D</b> Dali Controller for Static White Applications	<a href="#">210/D SPEC SHEET</a>
	<b>211/D-LG</b> 0-10V Logarithmic Dimming Controller	<a href="#">211/D-LG SPEC SHEET</a>
	<b>211/D-LN</b> 0-10V Linear Dimming Controller	<a href="#">211/D-LN SPEC SHEET</a>
	<b>212/D</b> DMX Controller for Static White and Static Color Applications	<a href="#">212/D SPEC SHEET</a>
	<b>DimWheel</b> DMX Wall Controller for RGB/W and Tunable White Applications	<a href="#">DIM WHEEL SPEC SHEET</a>

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DRIVERS & CONTROLS

LED LINEAR TECHNOLOGY

VOLTAGE DROP CALCULATOR