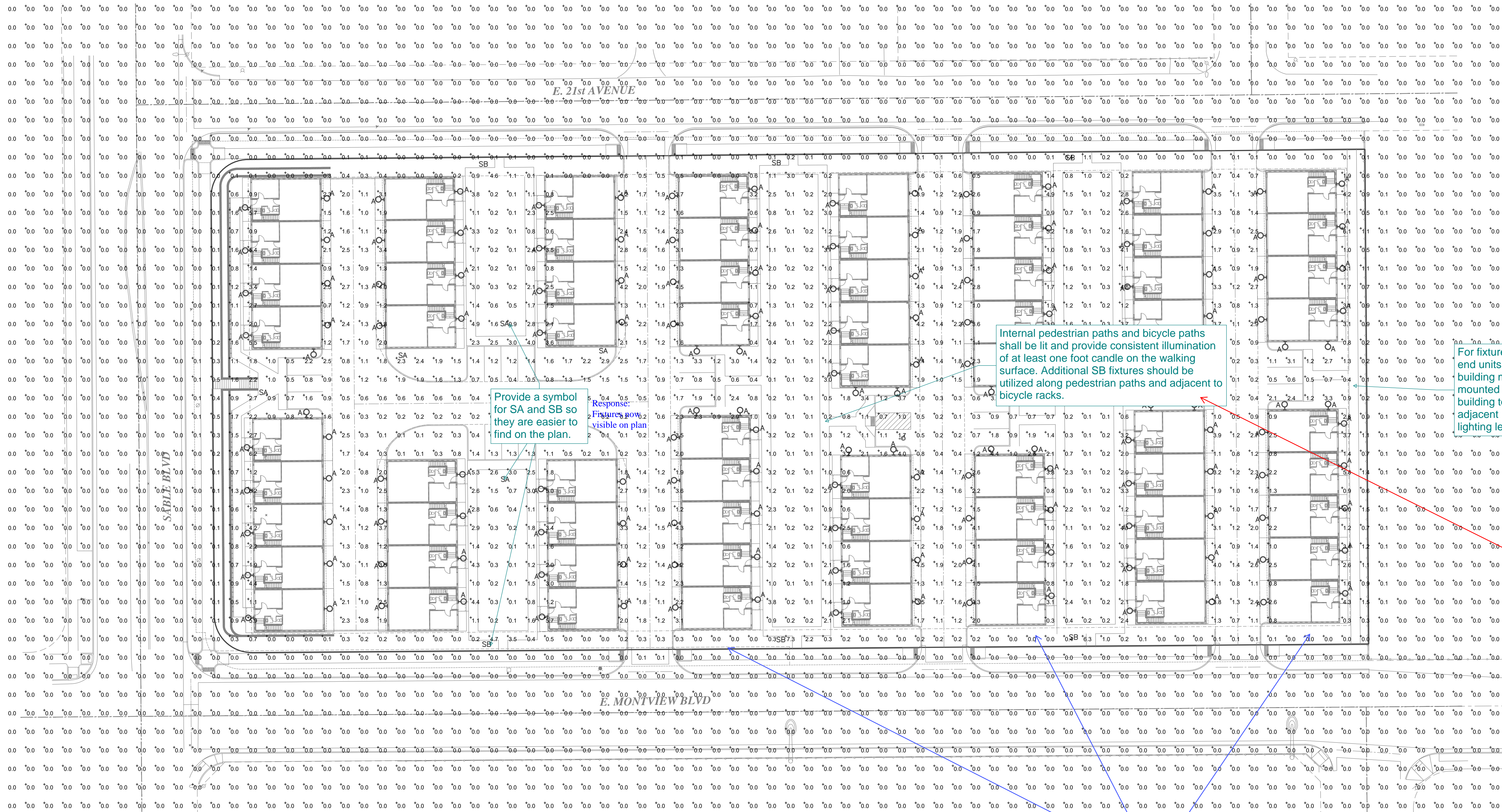


SABLE BLVD. TOWNHOMES

SITE PLAN

SABLE BLVD. TOWNHOMES SUBDIVISION FILING NO. 1
SITUATED IN THE NE 1/4 OF SECTION 31, T.3S., R.66W. OF THE 6TH P.M.
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

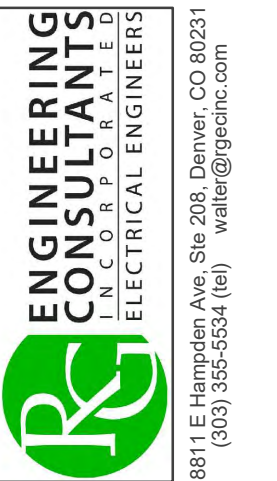


SITE PHOTOMETRIC PLAN
SCALE: 1" = 30'-0"

SITE PHOTOMETRIC SUMMARY	
AVERAGE	= 0.4 FT. CANDLE
MAXIMUM	= 7.3 FT. CANDLE
MINIMUM	= 0.0 FT. CANDLE

UTAH DEVELOPMENT GROUP
324 S. 400 W. SUITE 175
SALT LAKE CITY, UTAH 84101
PHONE: (801) 641-8956
ATTN: MARCO DIAZ

Date:	Description:	No.:
03/06/2023	INITIAL SITE PLAN SUBMITTAL	1



SITE PHOTOMETRIC PLAN
SABLE BLVD. TOWNHOMES SITE PLAN
NEC E. MONTVIEW BLVD. & S. SABLE BLVD.
SABLE BLVD. TOWNHOMES SUBDIVISION FILING NO. 1
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

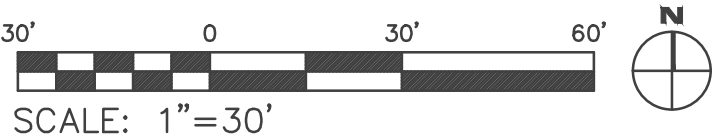
Drawn By:	SG	Date:	03/06/2023
Project No.:		Scale:	AS SHOWN
Sheet No.:	12 OF 18		

SABLE BLVD. TOWNHOMES
SITE PLAN

SABLE BLVD. TOWNHOMES SUBDIVISION FILING NO. 1
SITUATED IN THE NE 1/4 OF SECTION 31, T.3S., R.66W. OF THE 6TH P.M.
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO



STREET LIGHTING PHOTOMETRIC PLAN



PHOTOMETRIC SUMMARY			
ROADWAY			
REQUIRED		PROVIDED	
Avg Luminance	Uniformity	Avg Luminance	Uniformity
0.3 cd/sq m	6.0	3.2 cd/sq m	2.7
MINIMUM	MAX		

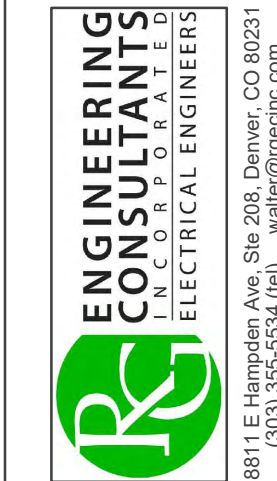
PUBLIC STREET LIGHT COUNT	
PEDESTRIAN LIGHT POLES	0
NEW STREET LIGHT POLES	5

Please review section 2.12.0.1 of the 2023 Roadway Manual and identify the required information regarding public streetlights on the photometric plan.

Response: Information added on plan per Manual

Client: **UTAH DEVELOPMENT GROUP**
324 S. 400 W. SUITE 175
SALT LAKE CITY, UTAH 84101
PHONE: (801) 641-8956
ATTN: MARCO DIAZ

No.:	Description:
1	INITIAL SITE PLAN SUBMITTAL



STREET LIGHTING PHOTOMETRICS
SABLE BLVD. TOWNHOMES SITE PLAN
NEC E. MONTVIEW BLVD. & S. SABLE BLVD.
SABLE BLVD. TOWNHOMES SUBDIVISION FILING NO. 1
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

Drawn By: SG	Date: 03/06/2023
Project No.:	Scale: AS SHOWN
Sheet No.:	14 OF 18

SABLE BLVD. TOWNHOMES
SITE PLAN

SABLE BLVD. TOWNHOMES SUBDIVISION FILING NO. 1
SITUATED IN THE NE 1/4 OF SECTION 31, T.3S., R.66W. OF THE 6TH P.M.
CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

LIGHTING FIXTURE SCHEDULE – STREET LIGHTS								
ITEM	NO.	MANUFACTURER	CAT. NO.	LAMPS	WATT	COLOR	POLE HT	DESCRIPTION
SL-2	2	HEAD: GENERAL ELECTRIC POLE: MILLERBEND VALMONT	EVOLVE SERIES ERL1-0-06-B3-30-A-GRAY-R SJ1-041-A-070-A-250-R-GV-NC2 DS210-700A250-D1-PC-GV-NC	3000K LED 5,820 INITIAL LUMENS	53	GRAY	25 FT	CITY STANDARD COBRA HEAD STYLE LUMINAIRE ON 4 FT TAPERED UPSWEPT ARM WITH 2 INCH PIPE SIZE TENON MOUNTED ON 25 FT. ROUND TAPERED GALVANIZED STEEL POLE

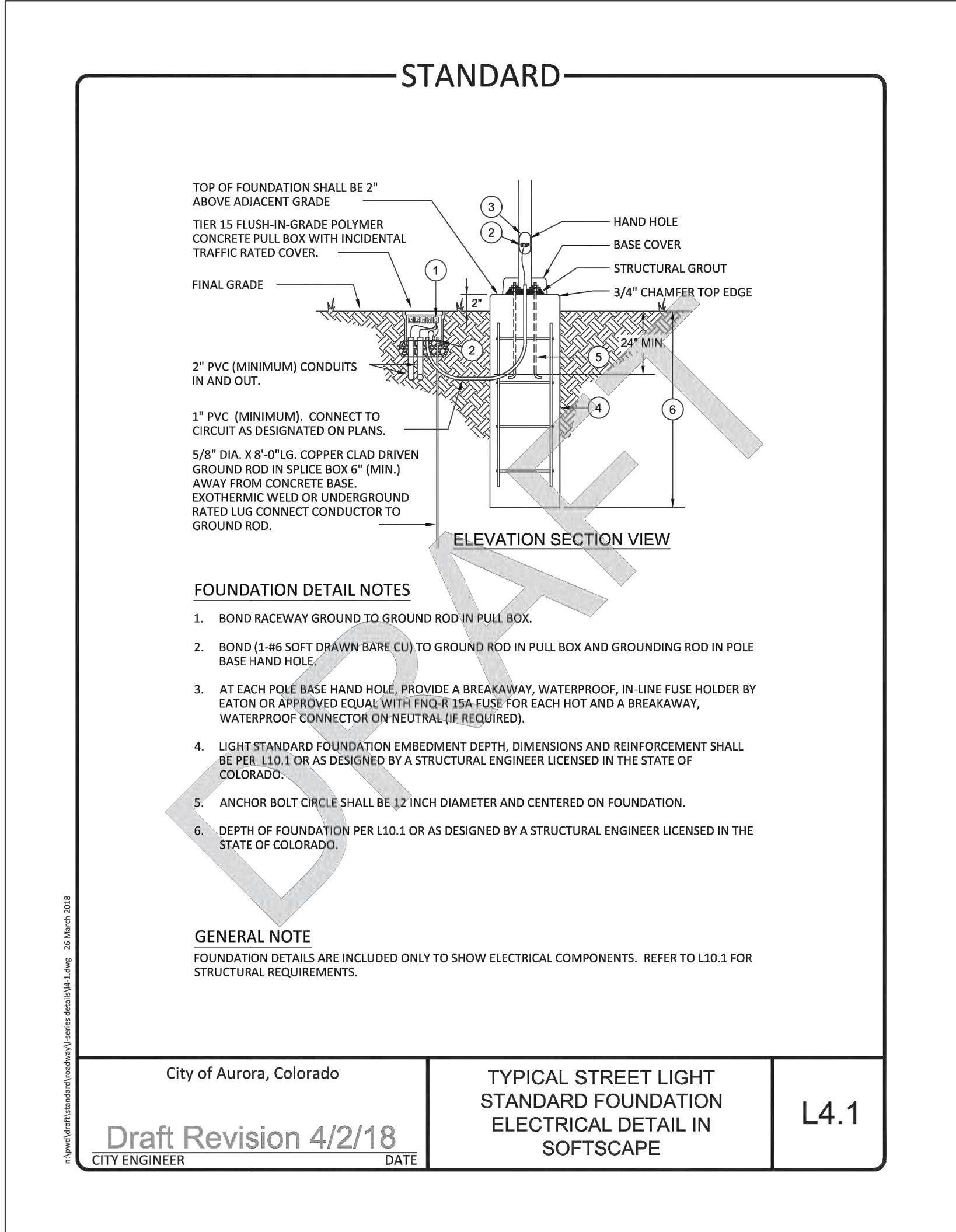
NOTES:
ALL LUMINAIRES MUST BE EQUIPPED WITH A SURGE SUPPRESSION DEVICE WITH A MINIMUM IMMUNITY LEVEL OF 10 KV.
ALL LUMINAIRES SHALL BE EQUIPPED WITH A 0-10V DIMMING DRIVER.
ALL LUMINAIRES SHALL BE EQUIPPED WITH A CONTROL NODE.

The public streetlights shall use fixtures and poles from the pre-approved fixture list:https://cdnsnm5-hosted.civiclive.com/UserFiles/Servers/Server_1881137/File/Business%20Services/Development%20Center/Code%20&%20Rules/Design%20Standard/Engineering%20Design%20Standard/LightingEquipment.pdf Poles for SL-1 shall be 20' height and poles for SL-3 shall be 30' height.

Response:
Fixture schedule revised per pre-approved standards



STREET LIGHT "SL-2" POLE



STREET LIGHT "SL-2"

Ordering Number Logic
Evolve™ LED Streetlight (ERL1)



E R L 1

PROD. ID	VOLTAGE	LUMEN OUTPUT	DISTRIBUTION	CCT	CONTROLS	COLOR	OPTIONS
E = Evolve R = Roadway L = Local 1 = Single Module	0 = 120-277V 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 6 = 547 H = 347-480V * Not available with Fusing † Plant chosen a discreet voltage with F option.	02* 03 04 05 06 07 08 09 See Data Table for more information. *120V only not compatible with 0-10V dimming	A1 = Extra Narrow B1 = Narrow C1 = Asymmetric Forward D1 = Asymmetric Forward (Medium) E1 = Asymmetric (Medium) F1 = Asymmetric (Extra Wide) See Data Table for more information	30 = 3000K 40 = 4000K	A = ANSI C136.41 7-pin D = ANSI C136.41 7-pin receptacle with Shorting Cap E = ANSI C136.41 7-pin Receptacle with non-dimming PE Control * PE Control Only available for 120-277V or 480V Discrete. Not available for 347-480V or 347V Discrete. NOTE: Dimming controls wired for 0-10V standard unless DALI option "U" requested.	GRAY = Gray BLACK = Black DARKZ = Dark Bronze F = Fusing G = Internal Bubble Level I = IP66 Optical L = Tool-Less Entry R = Optional Secondary Enhanced Surge Protection (100V/50A) U = Universal DALI Programmable + X = Single Package # Y = Coastal Finish XXX = Special Options	A = 4 Bolt Splitter† F = Fusing G = Internal Bubble Level I = IP66 Optical L = Tool-Less Entry R = Optional Secondary Enhanced Surge Protection (100V/50A) U = Universal DALI Programmable + X = Single Package # Y = Coastal Finish XXX = Special Options † Contact manufacturer for Lead-Time. # See Packaging = 20 units per container. * Recommended for installations within 1 mile from the coast. Contact Factory for Lead-Time. + Compatible with LightPad 2.0 nodes. ^ Not available in 347V, 480V or 347-480V for Lumen Level 07 and 08.

PRODUCT ID	LUMEN OUTPUT	DISTRIBUTION	TYPICAL INITIAL LUMENS		TYPICAL SYSTEM WATTAGE		BUG RATING	IES FILE NUMBER		
			4000K	3000K	120-277V	347-480V	4000K	3000K	120-277V	347-480V
02	10	A1	2000	1800	15	NA			ERL02A01	ERL02A01
		B1	2000	1800					ERL02B01	ERL02B01
		C1	2000	1800					ERL02C01	ERL02C01
		D1	2000	1800					ERL02D01	ERL02D01
		E1	2000	1800					ERL02E01	ERL02E01
		F1	2000	1800					ERL02F01	ERL02F01
03	10	A1	2000	1800	25	20			ERL03A01	ERL03A01
		B1	2000	1800					ERL03B01	ERL03B01
		C1	2000	1800					ERL03C01	ERL03C01
		D1	2000	1800					ERL03D01	ERL03D01
		E1	2000	1800					ERL03E01	ERL03E01
		F1	2000	1800					ERL03F01	ERL03F01
04	10	A1	2000	1800	32	35			ERL04A01	ERL04A01
		B1	2000	1800					ERL04B01	ERL04B01
		C1	2000	1800					ERL04C01	ERL04C01
		D1	2000	1800					ERL04D01	ERL04D01
		E1	2000	1800					ERL04E01	ERL04E01
		F1	2000	1800					ERL04F01	ERL04F01
05	10	A1	2000	1800	41	45			ERL05A01	ERL05A01
		B1	2000	1800					ERL05B01	ERL05B01
		C1	2000	1800					ERL05C01	ERL05C01
		D1	2000	1800					ERL05D01	ERL05D01
		E1	2000	1800					ERL05E01	ERL05E01
		F1	2000	1800					ERL05F01	ERL05F01
06	10	A1	2000	1800	53	58			ERL06A01	ERL06A01
		B1	2000	1800					ERL06B01	ERL06B01
		C1	2000	1800					ERL06C01	ERL06C01
		D1	2000	1800					ERL06D01	ERL06D01
		E1	2000	1800					ERL06E01	ERL06E01
		F1	2000	1800					ERL06F01	ERL06F01
07	10	A1	2000	1800	67				ERL07A01	ERL07A01
		B1	2000	1800					ERL07B01	ERL07B01
		C1	2000	1800					ERL07C01	ERL07C01
		D1	2000	1800					ERL07D01	ERL07D01
		E1	2000	1800					ERL07E01	ERL07E01
		F1	2000	1800					ERL07F01	ERL07F01
08	10	A1	2000	1800	88				ERL08A01	ERL08A01
		B1	2000	1800					ERL08B01	ERL08B01
		C1	2000	1800					ERL08C01	ERL08C01
		D1	2000	1800					ERL08D01	ERL08D01
		E1	2000	1800					ERL08E01	ERL08E01
		F1	2000	1800					ERL08F01	ERL08F01
09	10	A1	2000	1800	90				ERL09A01	ERL09A01
		B1	2000	1800					ERL09B01	ERL09B01
		C1	2000	1800					ERL09C01	ERL09C01
		D1	2000	1800					ERL09D01	ERL09D01
		E1	2000	1800					ERL09E01	ERL09E01
		F1	2000	1800					ERL09F01	ERL09F01

Client: **UTAH DEVELOPMENT GROUP**
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No.:	Description:	1	INITIAL SITE PLAN SUBMITTAL						
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ENGINEERING CONSULTANTS ELECTRICAL ENGINEERS
8811 E Hampden Ave., Suite 205, Denver, CO 80231
(303) 355-5534 (tel) walter@geecinc.com

Site: **SABLE BLVD. TOWNHOMES SITE PLAN**
NEC E. MONTVIEW BLVD. & S. SABLE BLVD.
SABLE BLVD. TOWNHOMES SUBDIVISION FILING NO. 1
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Drawn By: SG
Project No.:
Sheet No.: **15 OF 18**