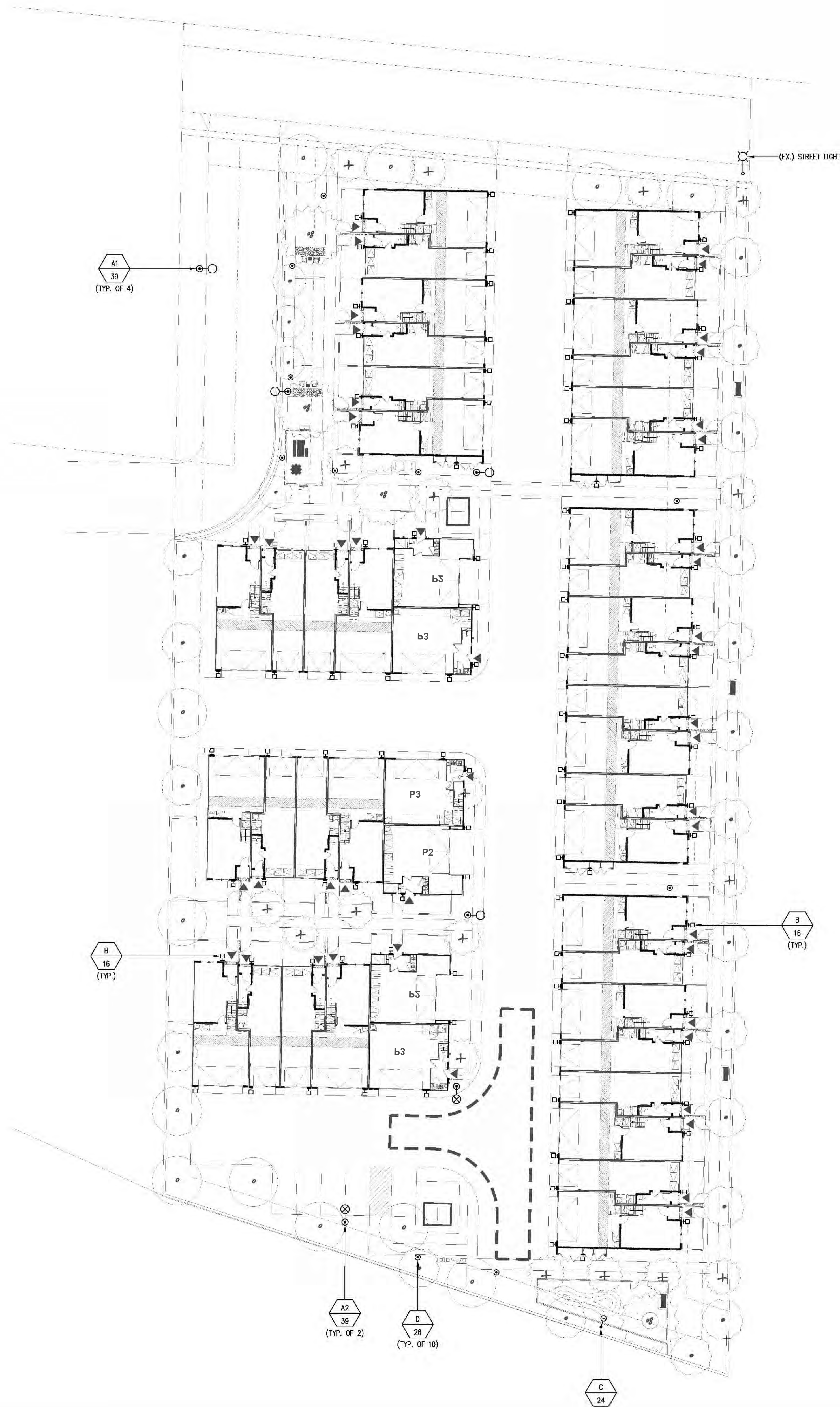




SITE LIGHTING FIXTURE SCHEDULE

SYMBOL	TYPE	FIXTURE				VOLTS	NUMBER	LAMPS AND TYPE	MOUNTING			DESCRIPTIONS AND VARIATIONS
		LED	FLUORESCENT	HALOGEN	H.P.S.				PENDANT	CEILING	RECESSED	
	A1	X				120	-	LED 39 WATT				LED STREET LIGHT MOUNTED AT +16'-0" A.F.G. PROVIDE HOUSE-SIDE SHIELDING. U.S. ARCHITECTURAL LIGHTING DEZINER SERIES 8 #J0S8A-PLD-III-M-36LED-325mA-40K-HS WITH PHOTOCELL (DUSK-TO-DAWN), OR APPROVED EQUIVALENT.
	A2	X				120	-	LED 39 WATT				LED STREET LIGHT MOUNTED AT +16'-0" A.F.G. PROVIDE HOUSE-SIDE SHIELDING. U.S. ARCHITECTURAL LIGHTING DEZINER SERIES 8 #J0S8A-PLD-IV-F-36LED-325mA-40K-HS WITH PHOTOCELL (DUSK-TO-DAWN), OR APPROVED EQUIVALENT.
	B	X				120	-	LED 12 WATT			X	FRONT ENTRY, GARAGE, AND UTILITY CLOSET LED WALL SCONCE LISTED FOR WET LOCATION, WAC LIGHTING "AMHERST" #WS-W17214 WITH PHOTOCELL (DUSK-TO-DAWN), OR APPROVED EQUIVALENT.
	C	X				120	-	LED 24 WATT				LED PEDESTRIAN POLE LIGHT MOUNTED AT 10'-0" A.F.G. PROVIDE HOUSE-SIDE SHIELDING. U.S. ARCHITECTURAL LIGHTING DEZINER SERIES 6 #J0S6A-PLD-II-20LED-350mA-40K-HS WITH PHOTOCELL (DUSK-TO-DAWN), OR APPROVED EQUIVALENT.
	D	X				120	-	LED 26 WATT				LED WALKWAY BOLLARD MOUNTED AT 3'-6" A.F.G. PROVIDE HOUSE-SIDE SHIELDING. U.S. ARCHITECTURAL LIGHTING CLXB SERIES #CLXB-WA-24LED-350mA-40K-HS180 WITH PHOTOCELL (DUSK-TO-DAWN), OR APPROVED EQUIVALENT.

SOUTHWEST GROUP

ENGINEERING CONSULTANTS, INC.

Electrical HVAC Plumbing Energy

Tel (949) 387 - 8889

Fax (949) 387 - 3993

www.swgengineering.com

9201 Research Dr.

Irvine, California 92618

CHK. BY: R.M.L.

SWG No.

CIT241749

Developer

CITY VENTURES
3121 MICHELSON DRIVE
SUITE 150
IRVINE, CALIFORNIA 92612
PHONE NO. 949.258.7555

FAIRVIEW & CALLE REAL

GOLETA, CA

No.	Date	Description

It is the clients responsibility prior to or during construction to notify the architect in writing of any perceived errors or omissions in the plans and specifications of which a contractor through knowledge with the building codes and methods of construction should reasonably be aware. When instructions addressing such perceived errors or omissions shall be received from the architect prior to the client or clients subcontractor proceeding with the work. The client will be responsible for any defects in construction if these provisions are not followed.

License Stamp



ELECTRICAL
SITE PLAN

ES1

SOUTHWEST GROUP
ENGINEERING CONSULTANTS, INC.
Electrical HVAC Plumbing Energy

 Tel (949) 387 - 8989
 Fax (949) 387 - 3993
www.swengineering.com

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FAIRVIEW & CALLE REAL

GOLETA, CA

[illegible]

It is the client's responsibility prior to or during construction to notify the architect in writing of any perceived errors or omissions in the plans and specifications of which a contractor thoroughly knowledgeable with the building codes and methods of construction should reasonably be aware. Written instructions addressing such perceived errors or omissions shall be received from the architect prior to the client or clients subcontractors proceeding with the work. The client will be responsible for any defects in construction if these



PHOTOMETRIC SITE PLAN

ES2

[illegible]

E AREA LIGHTING

SERIES-LED

CATIONS

ant extruded aluminum Riser with a
of 125°. Top cap and vertical
circuit aluminum (ABS) alloy 60%
and compress silicone gaskets top
section molded clear polycarbonate
a spun aluminum.

led and lapped to accept stainless
ink conceals the inner lamp module
and glare control through the external
ring.

This protects the internal lamps or LED
with opal (diffuse lens) and provides

nts are UL and cUL recognized as
are listed under ENEC
all HED lamps are medium base
E12. Electronic Mini ballasts have a
(35W/9V - 100W) -20° starting,
or low power factor (0.85)
transformer to the electronic ballast;
are high power ballast (35W/9V
multi-tap 120-277V, 60Hz; All HPS
cyl. high-reaction, high power
100W, 400-Hz starting. Electronic CFL
lamps factor 120 - 277 voltage setting
d for all 18w - 42w triple tube lamps

cUL recognized High Power Factor.
All drivers operate on input voltages from
100V to 277V and are mechanically fastened to a
metal plate. A 1/4" option may utilize a die cast
driver. Driver Mount power quick
connect has a minimum 4KV of internal insu-
lation factory for other voltages.
For driver options available: 100V &
universal.

A circular array consisting of 4
LED's is referenced to a recessing plate equally
in at even illumination output. Each
has a circular bore cut populated with a
chip. The chip is soldered to a radial aluminum heat
sink tabs and are spot cooled each
component and provides diffusion to
the application).

on TOFC Polyester Powder Cast on
an 20 PSI power coat of 150°F. Four
hours phosphoric preheating for
passivation. 400°F bake for maximum
durability.

nting

PROJECT NAME:
PROJECT TYPE:

TYPE "D"

CLXB

PATENT PENDING

18"
DIA

42"
H

6" DIA
(6" O.C.)

6"
H

USA

2017088

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USA

U.S. ARCHITECTURAL
LIGHTING COMPANY
REGISTERED
DESIGN PATENT

DEZINER SERIES 6 - PLED SMALL

TYPE "C"

ORDERING INFORMATION

Spec/Order Example: D56C/BA/AS7/DEZ700A/300/30V/COAL/RAI 8019 178F

Luminaire	Shade	Options	LED	Voltage
Luminaire	Shade	Options	LED	Voltage
# 566	A  Angled w/ up-Barb	☐ PLED PLED-100W ☐ PLED-H9 ☐ PLED-I ☐ PLED-H9W ☐ PLED-H ☐ PLED-H47 ☐ PLED-H48W ☐ PLED-H48W ☐ PLED-H48W	# of LEDs ☐ 3442L ☐ 2412L ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA	Bus Comp ☐ 27K (2700K) ☐ 30K (3000K) ☐ 40K (4000K) ☐ 50K (5000K) ☐ TRK Trk Array
	B  Concealed/Flipped w/ Barb	☐ PLED PLED-100W ☐ PLED-H9 ☐ PLED-I ☐ PLED-H9W ☐ PLED-H ☐ PLED-H47 ☐ PLED-H48W ☐ PLED-H48W ☐ PLED-H48W	# of LEDs ☐ 3442L ☐ 2412L ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA	Bus Comp ☐ 27K (2700K) ☐ 30K (3000K) ☐ 40K (4000K) ☐ 50K (5000K) ☐ TRK Trk Array
	C  Concealed/Flipped w/ Barb	☐ PLED PLED-100W ☐ PLED-H9 ☐ PLED-I ☐ PLED-H9W ☐ PLED-H ☐ PLED-H47 ☐ PLED-H48W ☐ PLED-H48W ☐ PLED-H48W	# of LEDs ☐ 3442L ☐ 2412L ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA	Bus Comp ☐ 27K (2700K) ☐ 30K (3000K) ☐ 40K (4000K) ☐ 50K (5000K) ☐ TRK Trk Array
	D  Deep Ball w/ up-Barb	☐ PLED PLED-100W ☐ PLED-H9 ☐ PLED-I ☐ PLED-H9W ☐ PLED-H ☐ PLED-H47 ☐ PLED-H48W ☐ PLED-H48W ☐ PLED-H48W	# of LEDs ☐ 3442L ☐ 2412L ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA	Bus Comp ☐ 27K (2700K) ☐ 30K (3000K) ☐ 40K (4000K) ☐ 50K (5000K) ☐ TRK Trk Array
	E  Deep Ball w/ up-Barb	☐ PLED PLED-100W ☐ PLED-H9 ☐ PLED-I ☐ PLED-H9W ☐ PLED-H ☐ PLED-H47 ☐ PLED-H48W ☐ PLED-H48W ☐ PLED-H48W	# of LEDs ☐ 3442L ☐ 2412L ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA	Bus Comp ☐ 27K (2700K) ☐ 30K (3000K) ☐ 40K (4000K) ☐ 50K (5000K) ☐ TRK Trk Array
	F  Deep Ball w/ up-Barb	☐ PLED PLED-100W ☐ PLED-H9 ☐ PLED-I ☐ PLED-H9W ☐ PLED-H ☐ PLED-H47 ☐ PLED-H48W ☐ PLED-H48W ☐ PLED-H48W	# of LEDs ☐ 3442L ☐ 2412L ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA	Bus Comp ☐ 27K (2700K) ☐ 30K (3000K) ☐ 40K (4000K) ☐ 50K (5000K) ☐ TRK Trk Array
	G  Deep Ball w/ up-Barb	☐ PLED PLED-100W ☐ PLED-H9 ☐ PLED-I ☐ PLED-H9W ☐ PLED-H ☐ PLED-H47 ☐ PLED-H48W ☐ PLED-H48W ☐ PLED-H48W	# of LEDs ☐ 3442L ☐ 2412L ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA ☐ 325mA	Bus Comp ☐ 27K (2700K) ☐ 30K (3000K) ☐ 40K (4000K) ☐ 50K (5000K) ☐ TRK Trk Array
	H  Deep Ball w/ up-Barb	☐ PLED PLED-100W ☐ PLED-H9 ☐ PLED-I ☐ PLED-H9W ☐ PLED-H ☐ PLED-H47 ☐ PLED-H48W ☐ PLED-H48		

AREA & ROADWAY LIGHTING

Small Neoclassical, Dorned Bell Luminaire

Features

The NEOL® Bell Series is a flexible, configurable pendant-style recessed decorative pendant luminaire with a 6' diameter upper housing of 1/2" thick frosted aluminum with a large assortment of aluminum finishes and ornamental options. Each lower fixture is constructed of a 0.008" thick solid aluminum and is available with an integrated LED module shell, thermal management for long LED life and is thermally isolated with power supply chamber. Fullview 18" Bell is built on casting.

PLED® Options

Reflector (LED) is arrayed on a metal core PCB panel with each individual emitter on a copper thermal transfer pad and encased by an LED reflector. LED optics completely view each individual emitter to meet an IP68 rating. In symmetric distribution, a micro-reflector inside the reflector supports the house-side emitter outward facing the street side and functions as a house side shielding element. Reflectors are traction treated HPS optics. Each LED luminaire is sealed by an LED air on emitter and all reflectors are sealed by an aluminum frame. Any one Panel, or group of Panels is located in a luminaire, have the same optical pattern. LED utilizes power constant current driver distributions. All optics are 0.2 degree light and are Dark Sky compliant. Panels are field replaceable and field adjustable in 90° increments.

LED Emitters

High Power White LED is air drawn between 5500mA and 8250mA for a maximum output of 2.5 Watts nominal. LED's are available in standard Warm White (2700K & 3000K), Neutral White (4000K), or Cool White (5000K). At Standard LED's have a minimum of 70,000 hour life expectancy after LED options. Luminaire Maintenance of 0% at 100,000 hour (M40) comparable to a few lamp for all LED options.

True Amber LED True-Blue Amber LED's emit light in the amber color band visible spectrum. True Amber has negligible blue light and is suitable for wildlife.

LED Driver

Gradient current electronics with a power factor of 0.96 and a minimum operating temperature of -60°F/40°C. Directly (0.008") is air drawn through the luminaire housing to facilitate the thermal transfer. Heat drawn by infrared diodes to facilitate zero thermal time turned back into the luminaire housing and the optical system. Drivers accept an input of 120VAC, 50/60 Hz, 500 mA to 1.5A and 15W to 30.0W and 10V output. Driver is standard. Driver has a minimum of 30V internal surge protection. Luminaire supplied with 20KV surge protector for field accessible replacement.)

Finish

Super 100% polyester powder coating is applied to a metal substrate. It has been pre-treated with a phosphate process for maximum chemical and color retention. The top coat is baked at 400°F for maximum hardness and solvent durability.

PROJECT NAME:

PROJECT TYPE:

TYPE "C"

The smallest models within the Dezner Series, offer 5 customizable styles available with optional Ambient/Low Luminescence Lens and diffit Bands.

UL
Listed
for
Location

SUN VALLEY

U.S. ARCHITECTURAL

2023062

U.S. Pole Company Inc. | 460 West Avenue C, Inverness, CA 94945
An American Direct Company | Phone 916/338-2000 | www.uspole.com

Developer

CITY VENTURES
3121 MICHELSON DRIVE
SUITE 150
IRVINE, CALIFORNIA 92612
PHONE NO. 949.258.7555

[illegible]

in the event the architect is not responsible for or is using contractors to notify the architect in writing of any perceived errors or omissions in the plans and specifications of which a contractor thoroughly knowledgeable with the building codes and methods of construction should reasonably be aware. Written information addressing such perceived errors or omissions shall be received from the architect prior to the client or clients subcontractors proceeding with the work. The client will be responsible for any delays in construction if these procedures are not followed.

LIGHTING FIXTURE CUTSHEETS