

GENERAL NOTES

1. DO NOT SCALE DRAWINGS

KEYNOTES

1. PROPERTY LINE

- 2. RECIPROCAL EASEMENT AND OPERATING
- AGREEMENT 3. PUBLIC UTILITY EASEMENT
- 4. EASEMENT
- 5. WATER LINE EASEMENT
- 6. EASEMENT FOR STORM DRAIN 7. BUILDING SETBACK LINE
- 8. FIRE TRUCK TURNING RADIUS 35'INSIDE / 55' OUTSIDE.
- 9. EXISTING FIRE HYDRANT
- 10, EXISTING LIGHT POLE LOCATION TO REMAIN. NEW FIXTURE AND 20' POLE TO BE PROVIDED.
- 11. EXISTING TRANSFORMER AND PAD
- 12, EXISTING MONUMENT SIGN 13, EXISTING SHOPPING CENTER DRIVE
- 14. EXISTING CONCRETE CURB
- 15, EXISTING CONCRETE CURB CUT
- 16. NEW ACCESSIBLE PARKING STALLS
- 17, NEW CURB RAMP 18, EXISTING CONCRETE WHEEL STOP TO
- 19', NEW ACCESSIBLE PARKING STALL SIGN
- 20. CONCRETE MEDIAN
- 21, CROSSWALK STRIPING
- 22. NEW CONCRETE SIDEWALK
- 23. NEW CONCRETE PAVERS, SEE LANDSCAPE
- 24. PLANTER, SEE LANDSCAPE DRAWING.
- 25. BUILDING OVERHANG ABOVE 26. NEW MASONRY PIER
- 27. 18" PARKING OVERHANG
- 28. NEW LANDSCAPE ISLAND
- 29. NEW PAVING AT REMOVED DRIVE LANE
- 30. EXISTING MECHANICAL YARD
- 31, MASONRY SCREEN WALL
- 32. LANDSCAPE AREA
- 33. NEW REFUSE ENCLOSURE AND CONCRETE APRON PER CITY OF MESA DETAIL M-62.01 AND M-62.02.1
- 34. NEW BICYCLE PARKING
- 35. ACCESSIBLE ROUTE
- 36. STEEL TRELLIS
- 37. TRASH TRUCK TURNING RADIUS AND ROUTE

Mittelstaedt Cooper & Associates Ltd.

Architecture • Interiors

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DATE

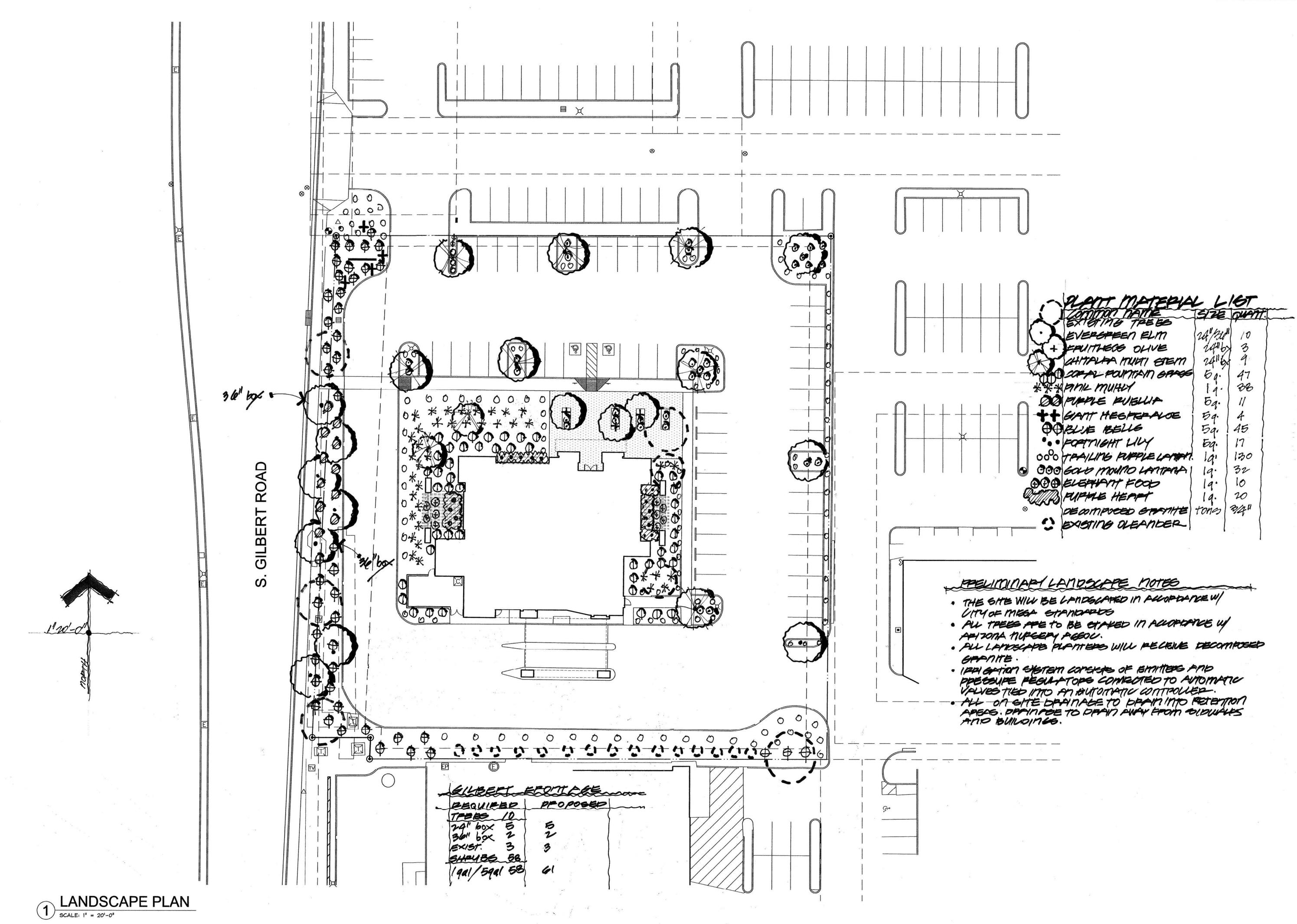
6/17/2019 JOB NUMBER

1829

SHEET TITLE SITE PLAN

SHEET NUMBER

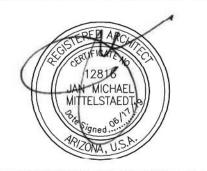
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DATE 6/17/2019

JOB NUMBER 1829

DIT UNION

SHEET TITLE PRELIMINARY LANDSCAPE PLAN

SHEET NUMBER

L1.0

Cat.# HUBBELL HUBBELL Outdoor Lighting Type Job Approvals

SPECIFICATIONS

The small sized LNC2 is designed for perimeter illumination for safety, security and identification. No uplight and prismatic lenses offer neighbor friendly lighting at typical mounting heights of 8-15'. Units have protective polyester finish for long lasting appearance. Ideal for schools, factories, hospitals, warehouses and retail applications. Energy efficient LEDs provide up to 85% energy savings when compared to traditional light sources with little to no maintenance.

Construction:

Rugged die-cast aluminum housing protects components and provides an architectural appearance. Casting thermally conducts LED heat to optimize performance and long life. Powder paint finish provides durability in outdoor environments.

Electrical:

- 120V-277V universal voltage 50/60Hz 0-10V dimming drivers
- · 347V and 480V dimmable driver option in 12L-070 configuration
- Minimum operating temperature is -40°C/-40°F (excludes 12L-035 and P15 configurations)
- . Drivers have greater than .90 power factor and less than 20% Total Harmonic Distortion
- · Driver RoHS and IP66
- · 10kA surge protector

LED(s) CCT:

- . 3000K CCT nominal, 4000K CCT nominal, 5000K CCT nominal (70 CRI)
- . 9, 12 and 18 LED configurations available see pages 2 and 3 for electrical and photometric details

Zero uplight distributions using individual acrylic LED optics provide IES type II, III and IV distributions. Optional (CS) acrylic diffuser available for reduced glare. Prismatic refractor lens provides ~10% uplight for increased vertical FC and forward light projection ideal for security lighting.

Lumen Maintenance:

L96 at 60,000hrs (Projected per IESNA TM-21-11), see table on page 2 for all values

Installation:

Quick-mount adapter provides easy installation to wall or to recessed junction boxes (4" square junction box). Designed for direct j-box mount. Optional 1/2" conduit hubs available (standard for sensor, SiteSync and battery versions).

Options/Controls:

- Universal button photocontrol
- · Occupancy sensor options available for complete on/off and dimming control
- · SiteSync pre-commissioned wireless controls (with or without sensor)
- · Integral Battery Backup provides emergency lighting for the required 90 minute path of egress
- · Dual Driver and Dual Power Feed option for 18L-070 versions

Listings:

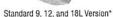
- Listed to UL1598 and CSAC22.2#250.0-24 for wet locations
- · DesignLights Consortium® (DLC) qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org
- Made-to-order versions are IP-65 rated

Warranty:

Five year limited warranty (for more information visit: https://www.hubbell.com/hubbelllightingci/en/warranty

PRODUCT IMAGE(S)







Prismatic Version



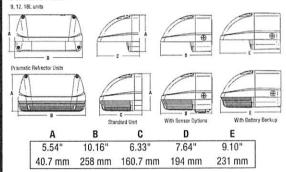
Surface Conduit Hubs, Sensor & SiteSync Version

*Shown with CS acrylic diffuser



Battery Backup Version

DIMENSIONS



BASE MODEL 7.0 lbs / 3.2 kg PC SENSOR 7.5 lbs / 3.4 kg • BBU MODELS 9.5 lbs / 4.3 kg

SHIPPING INFORMATION (Stock)

		Ca	Carton Qty.			
Catalog Number	G.W(kg)/ CTN	Length Inch (cm)	Width Inch (cm)	Height Inch (cm)	per Master Pack	
LNC2-12LU	14.3 (6.5)	14.5 (37)	11.4 (29)	8.4 (21.5)	2	
LNC2-18LU	14.8 (6.7)	14.9 (38)	11.4 (29)	8.4 (21.5)	2	

CERTIFICATIONS/LISTINGS









ORDERING INFORMATION - ORDERING EXAMPLE: LNC2-12L-4K-070-3-1-DB-PCU-EH-CS

only)



LNC2 -		-	-	•			-	=		-		-	
SERIES	LED SELECT	TION C	CCT/CRI	DRI	VE CURRENT		VOLTAGE	MO	UNTING		CONTR	ROL OPTIONS	NAME OF
LNC2 Small	9L 9 LEDs	ЗК		070	700mA	U	120V-277V		Leave			Occupancy	1
LitePak	12L 12 LED		70 CRI	035	350mA (12L	1	120V		Blank for down			Sensor Programmable	
LNC2	18L 18 LED	s 4K	4000K, 70 CRI		& 18L only)	_ 2	208V		position			(Dim)	
	P15 15w Pr	58		- 1	IES DISTRIBUTION	3	240V	NV^2	Inverted			Universal Button Photocontrol	1
	Refract	or	70 CRI		2 ¹ IES Type II	4	277V					SiteSync Pre-	
	P25 25w Pr Refract	ismatic AM			31 IES Type III	58	480V		EBUOL			Commision	
	Heliaci	.01	(350mA		J ico ispo iii	F8	347V		FINISH				-

41 IES Type IV

FT Forward Throw

(Prismatic

Refractor only)

P35

- IES distributions only available with 9L, 12L, and 18L versions
 Not available with occupancy sensor, battery backup or prismatic refractor options
 Must specify voltage (120 or 277 only for E & EH)
- Must order minimum of one remote control to program dimming settings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings, 120-277V only

35w Prismatic

Refractor

- 5 PCU option not applicable, included in sensor 6 18L 700mA versions only. Not available with 2DR or 2PF options. Must specify group and zone information at time of order 7 Specify time delay; disminigle level and mounting height
- 8 12L 700mA version only

PS Platinum Silver Smooth

WH White Textured CC Custom Color

FINISH DB Dark Bronze Textured **BL** Black Textured GYS Gray Smooth

SPECIFY SCP HEIGHT

SWPM SiteSync Pre-

6,7 Commision w/

OCC Sensor

8F Up to 8ft mount height 20F Up to 20ft mount height

EH3 Battery Backup Unit with Heater (-30°C) E3 Battery Backup

Unit (0°C) F3 Fuse & Fuseholder (not avail-

able with Battery Backup) CS Comfort Shield (N/A with Pris-

matic Refractor) 2DR Dual Driver (18L -

700mA only) 2PF Dual Power Feed (18L - 700mA only)

CH Surface Conduit Hubs





RL38SA

6" LED New Construction StopAire® Non-IC Recessed Downlight

FIXTURE @ ENTRY & Soffits

Project _____

Specifications/Features

Housing/Mounting

Performance LED fixture delivering up to 1600 lumens in a smooth wide beam.

Requires minimum 3" clearance around fixture from insulation material. Thermal protection provided in case of improper insulation use. Aluminum housing with galvanized steel mounting frame. Dual Extension bars adjustable for 16" and 24" center joists (14-1/4" – 24-1/2"). Hanger bars may be extended to rest on T-bar ceilings. Optional clip-on T-bar hangers also available. Nailer bar hangers feature a locking screw to secure housing in desired location along bar hangers.

Electrical

UL8750 and Class 2 Compliant, RoHS Compliant.
Output over-voltage, over-current and short circuit protection.
Prewired junction box with convenient screwdriver pry-outs: (6) 1/2",
(1) 1/2"x3/4" concentric and (4) Romex pryouts. Spring-latch access plates. Quick-connect push-in wire connectors provided. Approved for through-circuit wiring. Max: (8) #12 AWG (4 in/4 out). Wiring should be rated for at least 90°C.

Lamp

Light engine consists of a single, high output multi-chip LED array enabling precise optical control. Excellent fixture-to-fixture color consistency with a 3-step MacAdam Ellipse tolerance. Precisely engineered optical system consists of an aluminum reflector and highly transmissive diffusion lens. The system provides a smooth uniform beam while eliminating view of LED array. A wide beam distribution is provided as standard. Optical system accessoriess with different beam distributions are available.

System designed and rated for 50,000 hours at 70% lumen mainte-

Dimming

nance,

All RL38 LED downlights are available for non-dimming and dimming applications. For a list of compatible dimmers, refer to the Dimming Specifications sheet.

Trims

Many trim options available to complement any design style. See attached trim spec sheet for information and details.

Warranty

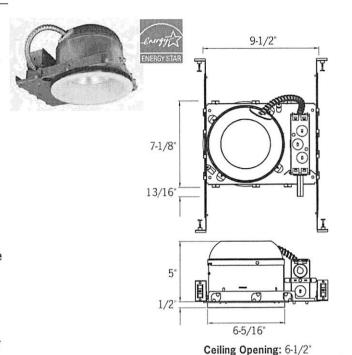
This complete fixture is covered by ConTech's full five (5) year replacement guarantee after date of purchase. Emergency Battery option is covered by a one (1) year replacement guarantee after date of purchase.

Listing

cCSAus Certified to UL Standards. Suitable for damp locations. Conforms to Washington State Energy code (WSEC) for low air infiltration. Tested in accordance with ASTM E283 (2.0 CRM or less). Assembled in the USA.

Energy Star certified:

- Series 1, 2 and 3.
- Certified trims only: CTR3001-WHT, CTR3001H-WHT, CTR3002-(CLR, PL, WHT).
- Lutron dimming options are not Energy Star certified.



Ceiling	Thickness:	1/2"	- 1-1,	/2

	Series 1	Series 2	Series 3			
Input Wattage (W)	11	15	22			
Input Current (A) 120/277	.09/.04	.13/.06	.18/.08			
Input Voltage						
120V Dimming (Triac, ELV, 0-10V)	12	20V AC, 50/60	OHz			
277V Dimming (0-10V)	277V AC, 50/60Hz					
Lutron HiLume® Dimming	120V AC, 50/60Hz					
Lutron EcoSystem® Dimming	120V AC, 50/60Hz					
	27	77V AC, 50/60	OHz			
Color Temp	2700K/	3000K/3500	K/4000K			
CRI	90+					
Driver						
Power Factor	> 0.90					
THD	< 20%					
Dimming						
Triac, ELV, 0-10V	10-100%					
Lutron®	1-100%					

H.I.D. AREA LIGHTING

LUMENATOR SERIES-HID

SPECIFICATIONS

HOUSING

Heavy cast low copper aluminum assembly (A360 alloy, <0.4% copper) Minimum wall thickness is .188" Housing attaches to pole via a one piece, extruded aluminum arm with centering guides for internal draw bolts. Housing/pole junction is gasketed. All exposed hardware is stainless steel. Internal protected hardware is electro-zinc plated.

LENS ASSEMBLY

Precise, durable cast aluminum door frame surrounds 3/16" clear tempered glass lens. Glass is sealed to door with high temperature silicone seal. Closed cell EPDM gasketing compressed between door and housing seals optical chamber.

Specular Alzak® optical segments rigidly mounted in an aluminum frame, which attaches to the housing as a one piece module. All sockets are porcelain 4KV pulse rated, medium base (E26) up to 150W or pin-oriented mogul base (E39) up to 400W. Reflector modules are factory prewired with a quick-disconnect plug.

ELECTRICAL COMPONENTS

All electrical components are UL and cUL recognized mounted on a single plate and factory prewired with quick-disconnect plugs. Electrical module attaches to housing with no-tool hinges and latches, accessible by opening the lens frame. Magnetic MH ballasts are high power factor (100W - 150W) or CWA (250W -400W), -20°F starting, multi-tap 120-277V or 480V, 60Hz. All HPS ballasts are core and coil, high-reactance, high power factor (100W - 150W) or CWA (200W -400W), -40°F starting.

Electrostatically applied TGIC Polyester Powder Coat on substrate prepared with 20 PSI power wash at 140°F. Four step iron phosphate pretreatment for protection and paint adhesion, 400°F bake for maximum hardness and durability. Texture finish is standard.

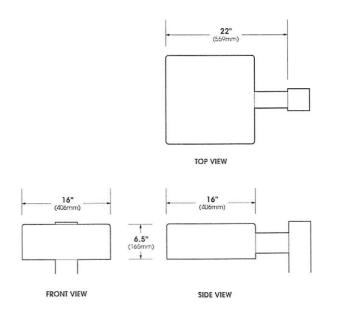
PARKING LOT/EXISTING Locations 20' Pole

PROJECT NAME:

FIXTURE TYPE:



PATENT PENDING





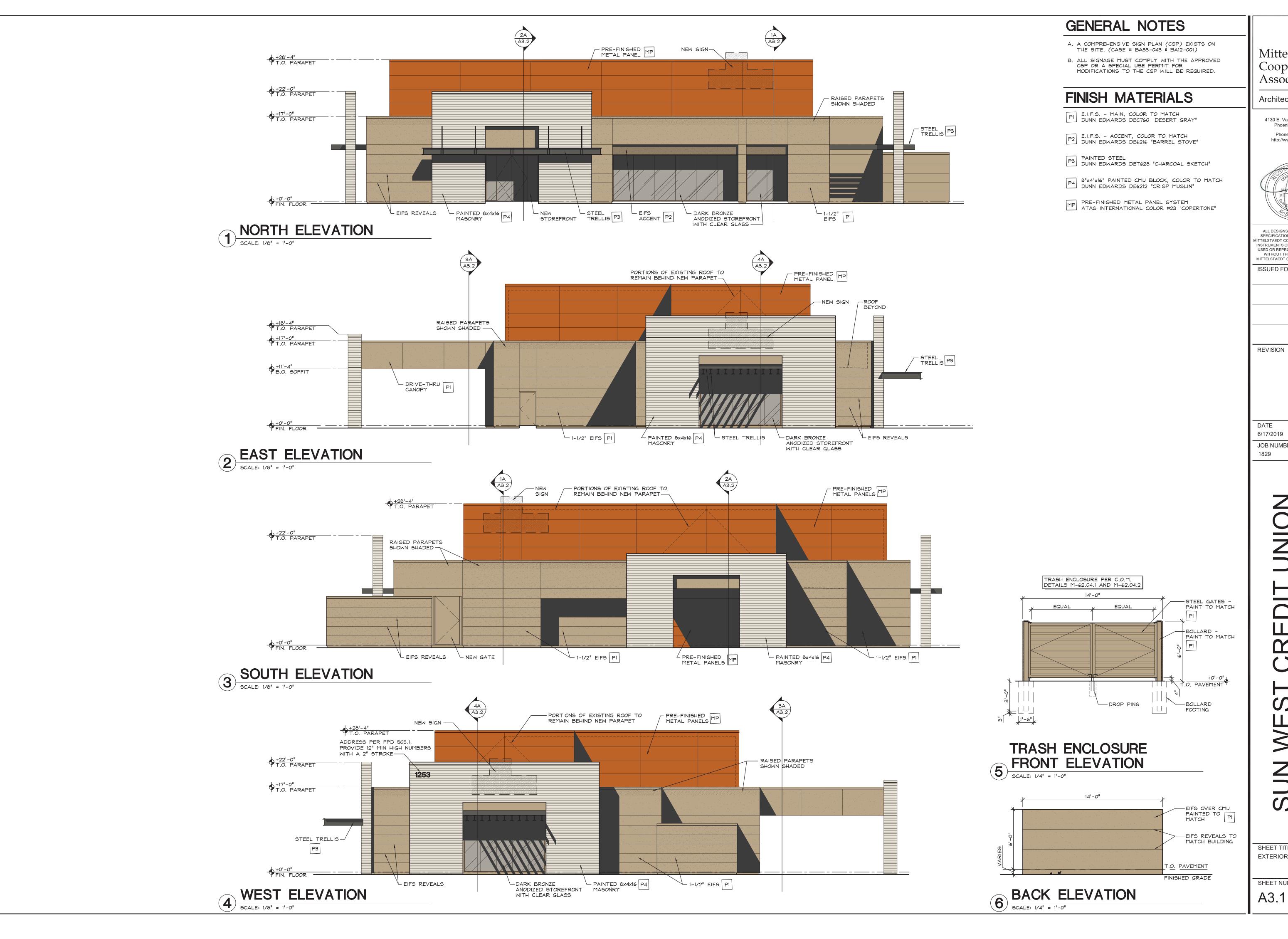
Light Pollution Control Classification System
LPC Full cutoff 0%Uplight Luminaire





2016020





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ISSUED FOR DATE

REVISION

DATE 6/17/2019

JOB NUMBER 1829

GILBERT ARIZONA SOUTH MESA, 253

SHEET TITLE

SHEET NUMBER

EXTERIOR ELEVATIONS



PROPOSED ENTRANCE PERSPECTIVE



PROPOSED SW CORNER PERSPECTIVE



5 EXISTING ENTRANCE



6 EXISTING NWC



PROPOSED NW CORNER PERSPECTIVE



PROPOSED SE CORNER PERSPECTIVE



EXISTING SWC

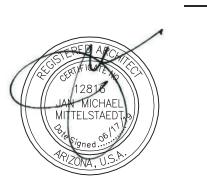


8 EXISTING SEC

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DATE 6/17/2019

JOB NUMBER

Z O Z

1253 SOUTH GILBERT ROAD
MESA ARIZONA

SHEET TITLE
EXTERIOR ELEVATIONS

SHEET NUMBER
A3.0

STOREFRONT SYSTEM TO BE DARK ANODIZED BRONZE WITH CLEAR GLASS



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Architecture • Interiors

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PROJECT #: 1829

Sun West Federal Credit Union Color Board

1253 S. Gilbert Road Mesa, Arizona 85204 SHEET TITLE Color Board

SHEET NUMBER

CB-1