

## **Project Narrative**

### **210, 212, & 214 W. Main Street Façade Remodel**

#### **Overview**

The façade remodels included in this submittal are part of the larger city of Mesa project to revitalize the streetscape by restoring the historic character of individual properties and by providing enhancements that improve urban vitality and pedestrian-oriented features. 210 W. Main is occupied by Oro Brewing Company. 212 and 214 W. Main are currently owned by a single entity, but were constructed as separate buildings and later unified to appear as one. They currently house an electronics business (212) and a church (214).

#### **210 W. Main**

The existing building is of a stuccoed adobe. Typical of Main Street properties, it is built to the street side property line. The storefront includes a single door and a separate, wide window through the adobe wall. An existing sheet metal canopy dating to the 1950s, in very poor condition, extends out 8 feet over the public way, suspended from rods through the parapet that tie back to the wooden roof structure. The canopy also supports a vintage metal sign, with streamline moderne characteristics, that originally advertised a sewing business and also dates to the 1950s.

The proposed design replaces the deteriorating metal canopy with a new one that is supported on new steel posts rather than depending on the adobe building for support. The new semicircular canopy takes its cues from the streamline style of the vintage sign, which will be preserved and re-supported on the new canopy. The existing door and window will be replaced, but the openings will not be altered. Lighting will be recessed downlights concealed within the canopy structure. The new canopy and outside dining area beneath it also takes advantage of the extended pedestrian area available following the development of the light rail, with the canopy extending out about 12 feet into the right-of-way and the outdoor dining area extending out 18'-6", leaving a pedestrian walking area of 6 feet between the dining area and curb line. Colors for the design play off of those used in the business' logo; the stucco wall will be repainted off-white, the canopy fascias will be dark red and gold, with the supports, door frame, and window being a charcoal-iron gray.

#### **212-214 W. Main**

The existing building was built in two parts, which correspond to the addresses. 212 W. Main appears to have been built first, and was constructed of brick with a wood truss roof structure. 214 W. Main appears to have been added to it, and was constructed of early concrete brick. When 214 was built, or soon thereafter, a common parapet of concrete brick was constructed that spans the façade of both buildings, sheathed in stucco. Metal canopies of slightly differing design were added to both buildings in the 1950s. The existing storefronts also date to the 1950s or 60s and feature deeply recessed entries flanked by aluminum framed display windows; opaque elements of the storefronts are covered in ashlar sandstone veneer.

The building owner desires to prepare the building to be leased for restaurant space, which may be for a single tenant or two tenants, depending on demand. The design intent is to restore the individuality of the two parts of the building, while retaining enough continuity to be perceived as a single design. To attain unity, the existing canopies will be removed and will be replaced by a new steel canopy that extends across both buildings, but in two related parts. To take advantage of the encroachment allowance and provide as much shade as possible for patrons, the canopies will extend out 14 feet into the right of way over future dining areas. Vertical steel green-wall elements connecting to existing tree wells provide additional shading from east and west sun while providing a place to mount menu display boards near the entries. The dining areas will not be built in this phases, but may extend out to the maximum allowed 18'-6", which would leave 6 feet of pedestrian circulation space at the curb.

212 W. Main – the existing storefronts and parapet additions will be removed. A new storefront wall will be constructed at the right of way line in order to recover interior space. The storefront will include an entry door, a door to the patio, and window wall sized for future potential conversion to a roll-up door. The profile of the original stepped parapet will be recovered. Wall surfaces will be stucco over masonry and/or frame.

214 W. Main - the existing storefronts and parapet additions will be removed. A new parapet will be constructed that steps down with the single-slope roof behind it. Concrete brick salvaged from demolition of the earlier parapet will be used as veneer over the solid walls of the façade. The concrete brick will be left natural finish. A new storefront wall will be constructed at the right of way line in order to recover interior space. The storefront will include an entry door, a door to the patio, and window wall sized for future potential conversion to a roll-up door.



TO PLACE

FREE BEER!  
FREE LUNCH!  
\*PAID ADVERTISING

Fried Chicken  
with honey mustard

ORO

Menu Board



Fried Chicken  
WILD & YOUNG

PINEAPPLE BEER LUNCH

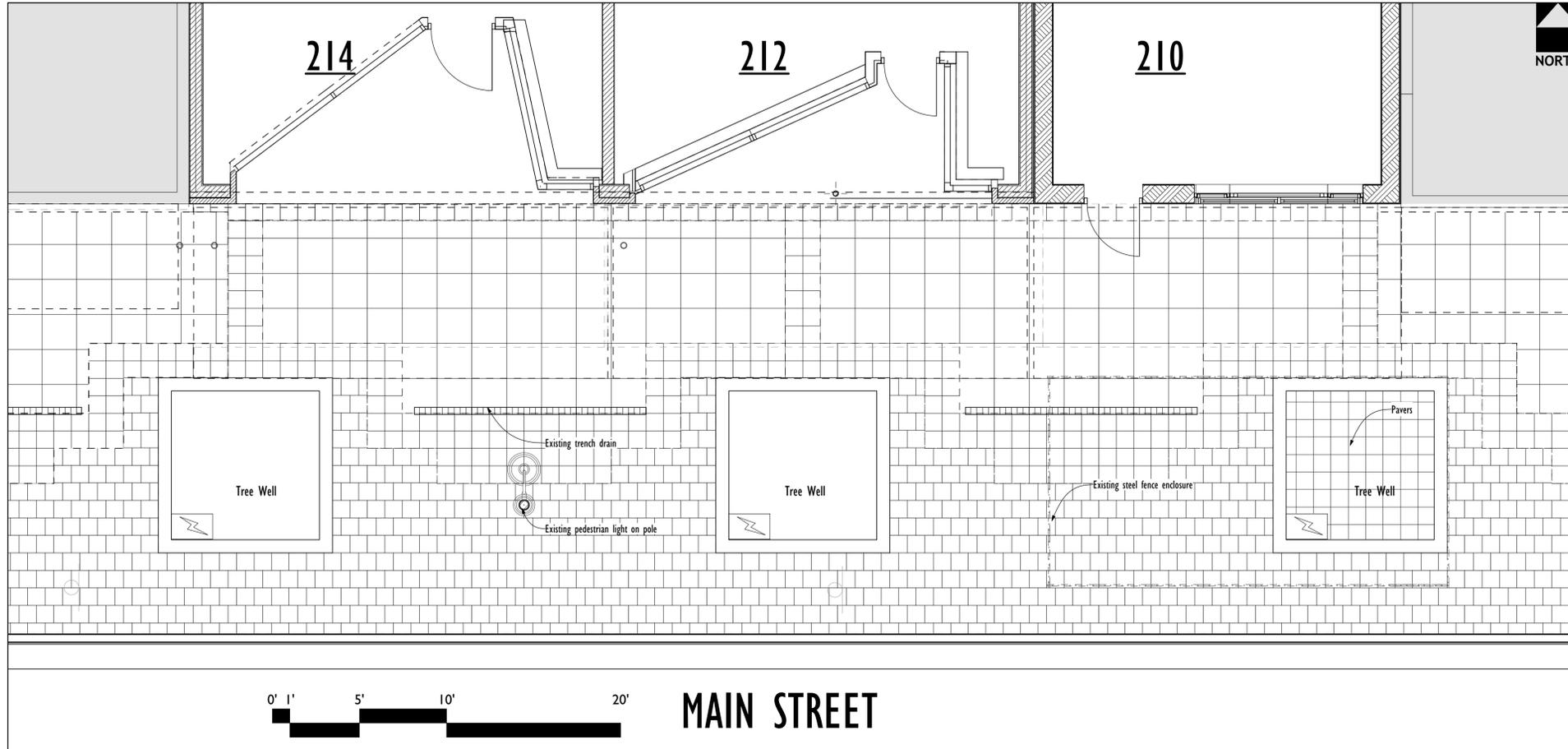
NO ACE

ORO

RESTAURANT  
CATERING  
EVENTS  
PRIVATE PARTIES  
WEDNESDAY - FRIDAY  
6:00 PM - 10:00 PM  
SATURDAY - SUNDAY  
12:00 PM - 10:00 PM  
CATERING  
EVENTS  
PRIVATE PARTIES  
WEDNESDAY - FRIDAY  
6:00 PM - 10:00 PM  
SATURDAY - SUNDAY  
12:00 PM - 10:00 PM

Floor / Site Plan - Existing

1/4" = 1'-0"



Project Directory

**OWNER, 210 W. MAIN:**  
 210 W. Main LLC  
 2205 N. Val Vista  
 Mesa, AZ 85213  
 contact: Chuck Wennerlun  
 phone: (480) 398-8247  
 chuck@orobrewing.com

**OWNER, 212 & 214 W. MAIN:**  
 Starmar Investments LLC  
 2008 E. Marshall Ave.  
 Phoenix, AZ 85016  
 contact: Brian Marshall  
 phone: (480) 276-4245  
 brian.j.marshall@gmail.com

**ARCHITECT:**  
 Motley Design Group LLC  
 1114 Grand Avenue  
 Phoenix, AZ 85007  
 contact: Robert Graham AIA  
 phone: 602.254.5599  
 rgraham@motleydesigngroup.com

**PROJECT MANAGER:**  
 City of Mesa, Engineering Dept.  
 20 E. Main St., 5th Floor  
 PO Box 1466  
 Mesa, AZ 85211-1466  
 contact: Trevor Collon, PE  
 phone: (480) 644-5438  
 Trevor.Collon@mesaz.gov

Project Data

**Project Name:** Downtown Facade Improvements

**Project Address:** 210, 212-214 West Main St. Mesa AZ

**Assessor's Parcel Number:** 138-55-001, 002, 003

**Legal Description:** PARCEL 1, 210 W. Main St: MESA PT LOT 1 BLK 25 W 21' OF S 150' OF E 96' // PARCEL 2, 212 W. Main St.: MESA E 27' OF W 69.5' OF S 150' LOT 1 BLK 25 // PARCEL 3, 214 W. Main St.: MESA E 27' OF W 42.5' OF S 150' LOT 1 BLK 25 EX W 5' THEREOF

**Scope of work:** Remodel street facades of three buildings. Includes work in right-of-way to construct canopies, outdoor dining areas, and related landscaping and lighting.

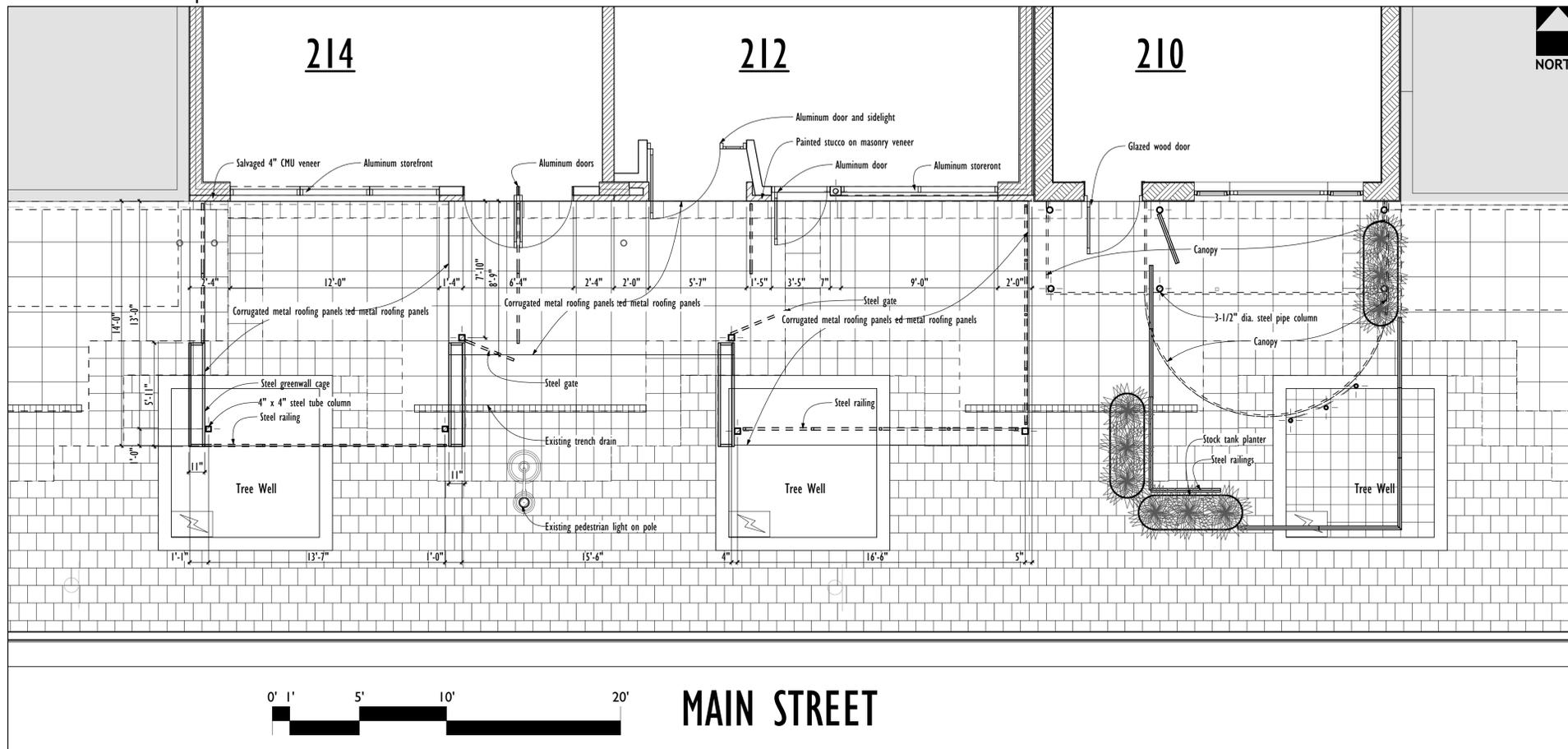
**Use:** Business; Bar/Restaurant, Commercial lease space

**Zoning:** DC-DE (Downtown Core, Downtown Events Overlay)

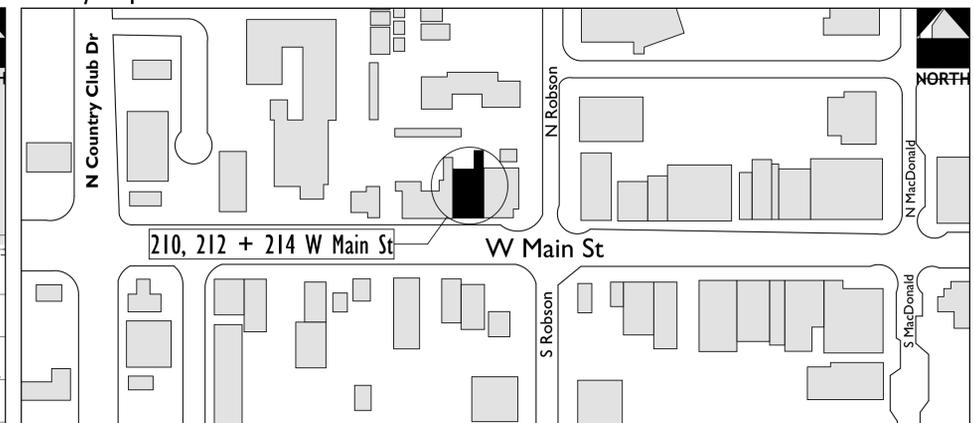
**Form Based Code Zone:** TSMS (TS Main Street)

Floor / Site Plan - Proposed

1/4" = 1'-0"



Vicinity Map



**MOTLEY**  
 Design Group, LLC  
 Architecture - Historic Preservation - Planning - Landscape Design  
 1114 Grand Avenue - Phoenix AZ 85007 - 602.254.5599 - motleydesigngroup.com

**PROJECT:** Downtown Facade Improvements  
**ADDRESS:** 210, 212-214 West Main St. Mesa AZ  
**PROJECT NO.:** 17-006  
**SHEET TITLE:** Existing & Proposed Site/Floor Plans

DATE of ISSUE: July 14, 2017 CURRENT REVISION: .  
 SHEET REVISION HISTORY

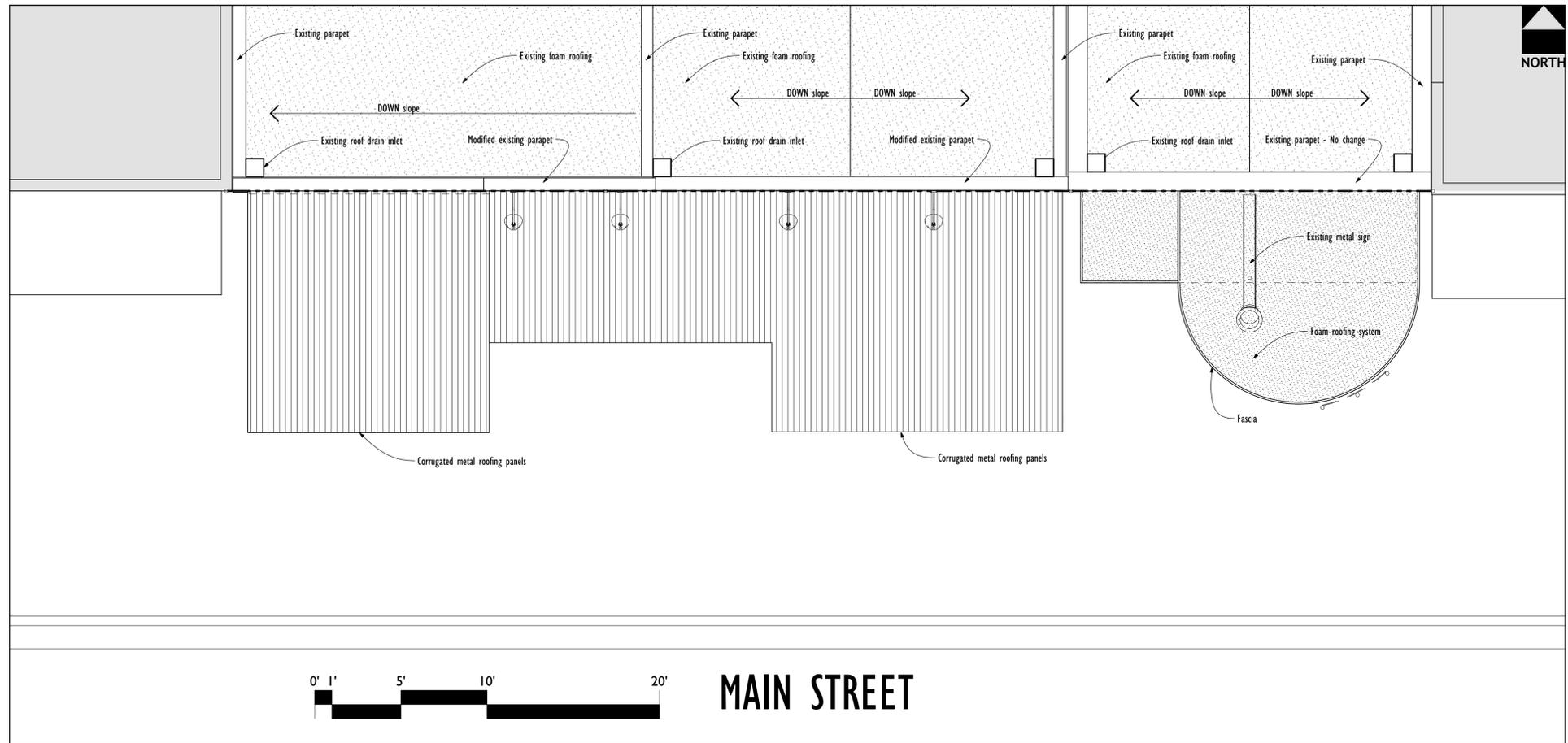
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Registration Expires 12/31/2017  
 Sheet No. **DR-1**

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Roof Plan

1/4" = 1'-0"



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PROJECT: **Downtown Facade Improvements**  
 ADDRESS: **210, 212-214 West Main St. Mesa AZ**  
 PROJECT NO.: 17-006 **PRELIMINARY - NOT FOR CONSTRUCTION USE**

**Roof Plan**

DATE OF ISSUE: July 14, 2017 CURRENT REVISION: .

SHEET REVISION HISTORY

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
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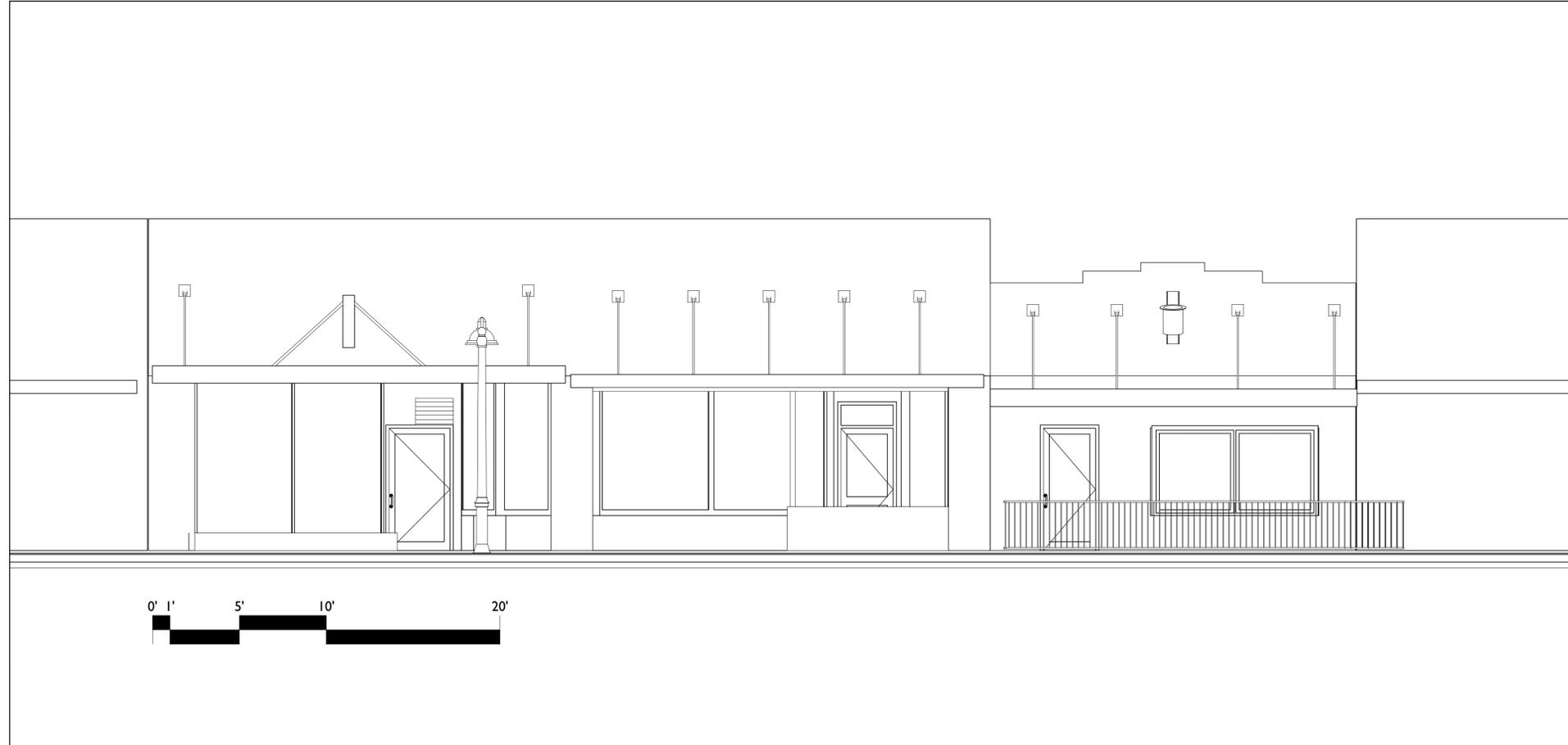


Registration Expires 12/31/2017  
 Sheet No.

**DR-2**

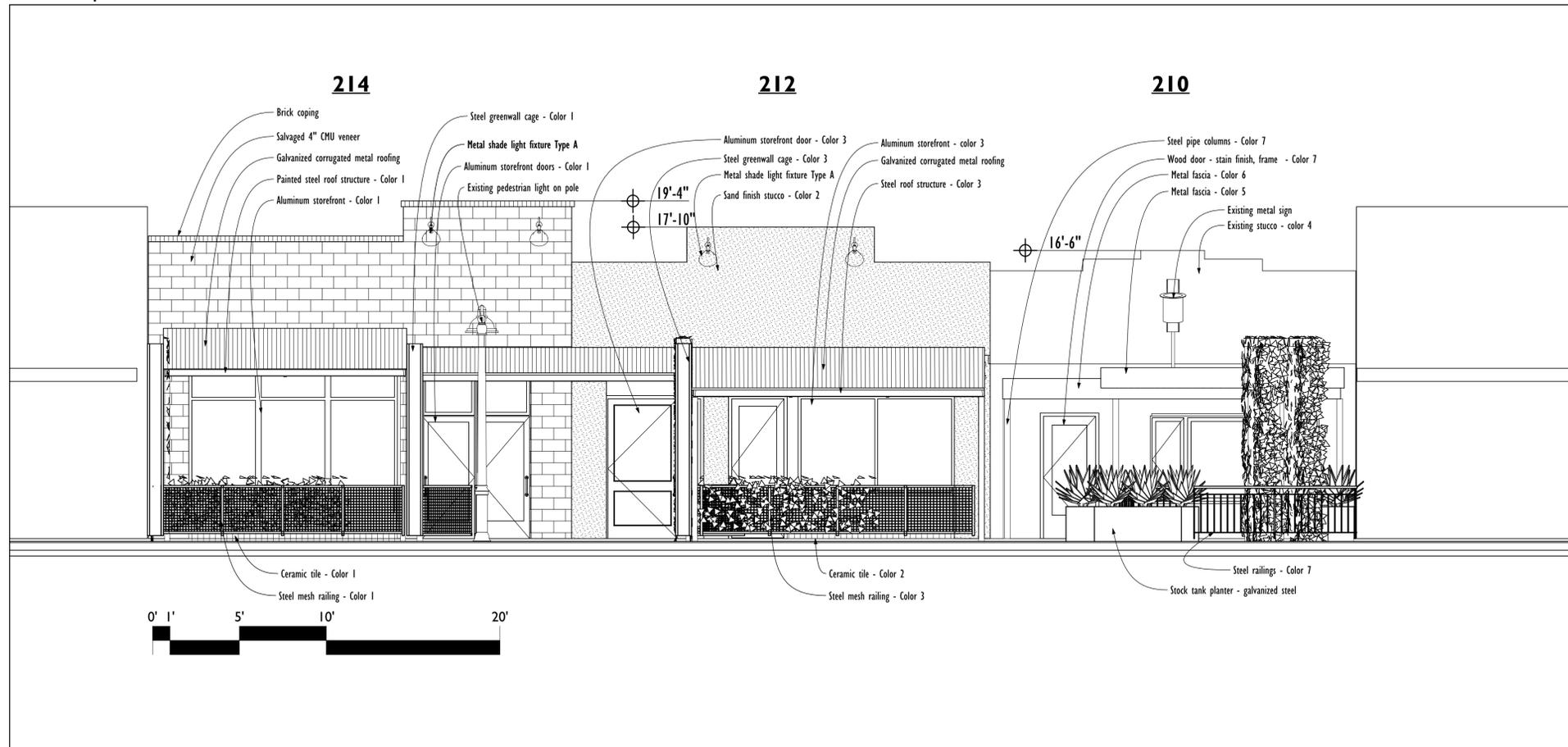
B+W Existing South Elevation

1/4" = 1'-0"



B+W Proposed Elevations

1/4" = 1'-0"



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PROJECT: **Downtown Facade Improvements**  
 ADDRESS: **210, 212-214 West Main St. Mesa AZ**  
 PROJECT NO.: 17-006 **PRELIMINARY - NOT FOR CONSTRUCTION USE**

SHEET TITLE: **B+W Elevations for Design Review**

DATE OF ISSUE: July 14, 2017 CURRENT REVISION: .

SHEET REVISION HISTORY

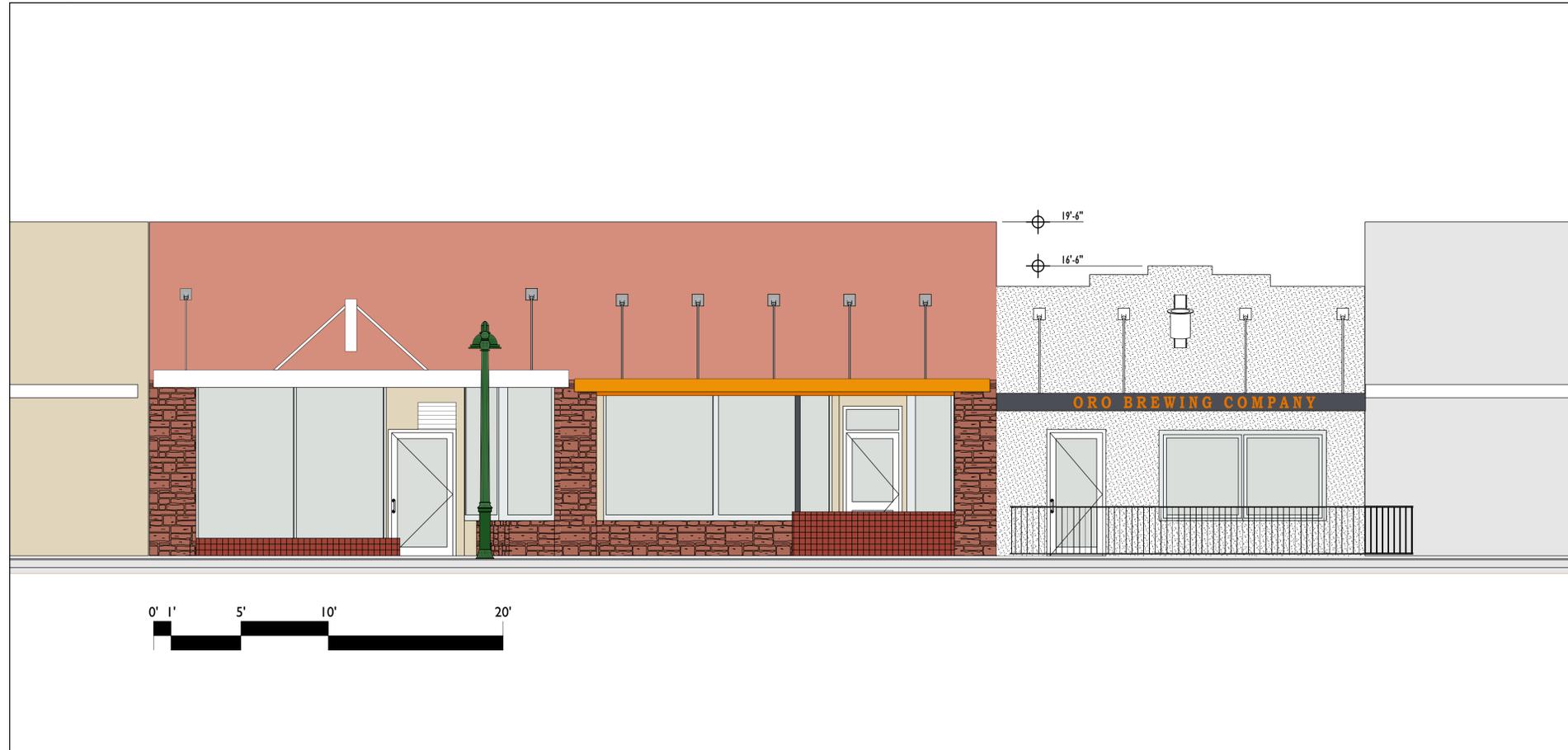
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Registration Expires 12/31/2017  
 Sheet No. **DR-3**

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Existing South Elevations

1/4" = 1'-0"



Proposed South Elevations

1/4" = 1'-0"



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PROJECT: Downtown Facade Improvements  
ADDRESS: 210, 212-214 West Main St. Mesa AZ  
PROJECT NO.: 17-006 PRELIMINARY - NOT FOR CONSTRUCTION USE  
SHEET TITLE: Color Elevations for Design Review

DATE of ISSUE: July 14, 2017 CURRENT REVISION: .  
SHEET REVISION HISTORY

| Rev | CD | Change Description | Date |
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Registration Expires 12/31/2017  
Sheet No. **DR-3c**

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# KR Series

KR6™ LED Specification Downlight – Round 6"

## Product Description

The KR6™ LED specification downlight features Cree TrueWhite® Technology and delivers beautiful, high-quality light with efficacy up to 76 lumens per watt. Designed for new construction applications, the KR Series is available in a variety of color temperatures, round and square trims with high-quality anodized aluminum reflector finishes, a sloped ceiling adaptor accessory, and a variety of dimming options including Cree Sunset Dimming Technology which provides rich, warm light that transitions from 2700K to 1800K as naturally as an incandescent source.

## Performance Summary

|   |
|---|
| Utilizes Cree TrueWhite® Technology   |
| <b>Initial Delivered Lumens:</b> 700-5,300 lumens; Delivered lumen output is typical when using a SSGC type reflector         |
| <b>Input Power:</b> 13-87 watts   |
| <b>Emergency Performance:</b> Up to 1,210 Lumens; 10W; Minimum 90 Minutes   |
| <b>CRI:</b> 90  |
| <b>CCT:</b> 2700K, 3000K, 3500K, 4000K, 5000K   |
| <b>Controls:</b> Triac, 0/1-10V; See control availability chart on page 3   |
| <b>Limited Warranty:</b> 10 years on KR6™ luminaire   |
| <b>Limited Warranty Emergency Back Up (EB) Battery:</b> 1 Year Battery Back Up. Test regularly in accordance with local codes |

\* See <http://lighting.cree.com/warranty> for warranty terms

## Accessories

| Field-Installed  |   |   |
|--|---|---|
| <b>Sloped Ceiling Adaptor</b><br>KRKS6**WW<br>** 0-35 [order in 5 degree increments] | <b>C-Channel Hanger Bars</b><br>RBH30C<br>- Pair of 30" (762mm) rigid 3/4" x 1/2" (19mm x 13mm) C-Channel bars<br>RBH24C-1<br>- Pair of 24" (610mm) x 1-1/2" (38mm) x 1/2" (13mm) standard C-Channel bars | <b>T-Bar Clips</b><br>RARC7<br>- Set of four<br>- For use with RBH24C-1 hanger bars<br><b>Trim Ring</b><br>KR6TA<br>- White beauty ring to cover pan head fasteners on KR6T reflector |

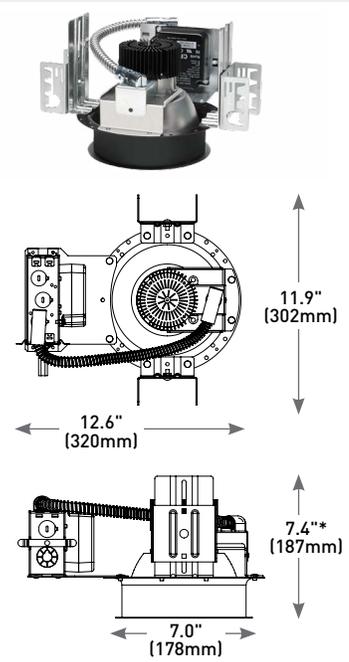
## Ordering Information

Fully assembled luminaire is composed of two components that must be ordered separately:  
Example: **Housing:** KR6-20L-35K-120V-10V + **Reflector:** KR6TR-SSGC-FF

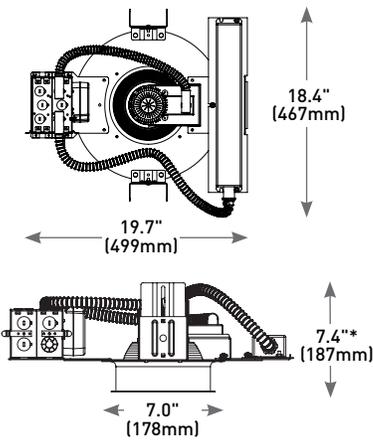
| Reflector (Housing must be ordered separately)   |                                       |  |   |
|--|---------------------------------------|--|---|
| Series   | Reflector Finish                      | Flange Finish  | Options   |
| <b>KR6T</b> Standard Trim<br>- Reflector attaches to housing with pan head fasteners and keyhole slots<br><b>KR6TR</b> Beauty Trim<br>- Reflector attaches to housing with retention springs for seamless appearance | <b>SSGC</b><br>Soft Satin Glow, Clear | <b>FF</b> Matches Reflector<br><b>WF</b> White Paint | <b>WW</b> Wall Wash<br>- Available with KR6T standard trim only |

| Housing (Reflector must be ordered separately) |        |             |   |                      |                                 |  |  |   |
|--|--------|-------------|---|----------------------|---------------------------------|--|--|---|
| Series   | Size   | Reflector   | Initial Delivered Lumens  | Optic                | CCT                             | Voltage  | Controls   | Options   |
| KR   | 6 inch | Blank Round | <b>9L</b><br>13W, 700 Lumens – 54 LPW   | Blank 70° Beam Angle | <b>27K</b><br>- 2700K           | <b>120V</b><br>120 Volts<br><b>277V</b><br>277 Volts<br><b>347V</b><br>347 Volts | <b>Blank</b><br>- For standard control offering refer to control availability chart on page 3<br><b>10V 0/1-10V Dimming</b><br>- Refer to control availability chart on page 3 | <b>WD Sunset Dim</b><br>- 9L and 13L @ 27K with Triac Dimming only<br><b>EB7 Emergency Backup</b><br>- Minimum 90 minutes<br>- 120V, 277V only<br>- Minimum operating temperature: 0°C (32°F) |
|  |        |             | <b>13L</b><br>18W, 1,100 Lumens – 61 LPW                                      |                      | <b>30K</b><br>3000K             |  |  |   |
|  |        |             | <b>20L</b><br>30W, 1,700 Lumens – 57 LPW                                      |                      | <b>35K</b><br>3500K             |  |  |   |
|  |        |             | <b>30L</b><br>39W, 2,550 Lumens – 65 LPW                                      |                      | <b>40K</b><br>4000K             |  |  |   |
|  |        |             | <b>40L</b><br>44W, 3,350 Lumens – 76 LPW                                      |                      | <b>50K</b><br>5000K             |  |  |   |
|  |        |             | <b>60L</b><br>87W, 5,300 Lumens – 61 LPW<br>- Available on 120V and 277V only |                      | - Available on 40L and 60L only |  |  |   |

NOTE: Price adder may apply depending on configuration



## Emergency Backup



\* Add 1.5" (38mm) for 60L Initial Delivered Lumens

## Product Specifications

### CREE TRUEWHITE® TECHNOLOGY

A revolutionary way to generate high-quality white light, Cree TrueWhite® Technology is a patented approach that delivers an exclusive combination of 90+ CRI, beautiful light characteristics, and lifelong color consistency, all while maintaining high luminous efficacy – a true no compromise solution.

### CONSTRUCTION & MATERIAL

- Low brightness parabolic spun Alzak aluminum cone, 0.06" (2mm) thick with polished radius and continuous self-flange
- Soft Satin Glow Clear finish, standard
- 2" (51mm) aperture throat to accommodate all standard and up to 3" (76mm) thick ceilings and provide flexibility in mounting within grid
- Provided with quick mounting brackets for optional carrying channels
- Light engine, optics, and driver accessible from below ceiling

### ELECTRICAL SYSTEM

- **Power Factor:** > 0.9 for 120V and 277V
- **Total Harmonic Distortion:** < 20% at full load
- **Input Power:** 120, 277V, or 347V, 50/60Hz
- **Operating Temperature Range:** -18°C - +40°C (0°F - +104°F); minimum operating temperature with EB7 option is 0°C (32°F)
- **10V Source Current:** 9L & 12L: 0.15mA; 20L-40L: 2.2mA; 60L: 0.11mA

### CONTROLS

- For standard control offering refer to control availability chart on page 3
- For use with Class 2 dimming systems only. Reference <http://lighting.cree.com/products/indoor/new-construction-downlights/kr-series> for recommended dimming controls and wiring diagrams

### REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for thru-wiring 8#12AWG-90°C
- Suitable for damp locations
- Designed for indoor use
- Thermally protected Type NON-IC in accordance with Article 410 of the NEC and UL 1598
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- EnergyStar® certified. Please refer to <https://www.energystar.gov/productfinder/product/certified-light-fixtures/results> for most current information
- RoHS compliant. Consult factory for additional details

| Recommended KR Series Lumen Maintenance Factors (LMF) <sup>1</sup> |                          |             |                                   |                                   |                                    |                                     |
|--|--------------------------|-------------|-----------------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| Ambient  | Initial Delivered Lumens | Initial LMF | 25K hr Projected <sup>2</sup> LMF | 50K hr Projected <sup>2</sup> LMF | 75K hr Calculated <sup>3</sup> LMF | 100K hr Calculated <sup>3</sup> LMF |
| 5°C (41°F)   | 9L and 13L               | 1.05        | 1.04                              | 1.03                              | 1.03                               | 1.02                                |
|  | 20L and 30L              | 1.03        | 0.99                              | 0.94                              | 0.90                               | 0.86                                |
|  | 40L and 60L              | 1.03        | 0.96                              | 0.90                              | 0.83                               | 0.77                                |
| 10°C (50°F)  | 9L and 13L               | 1.04        | 1.03                              | 1.03                              | 1.02                               | 1.02                                |
|  | 20L and 30L              | 1.02        | 0.97                              | 0.93                              | 0.89                               | 0.85                                |
|  | 40L and 60L              | 1.03        | 0.95                              | 0.88                              | 0.82                               | 0.76                                |
| 15°C (59°F)  | 9L and 13L               | 1.03        | 1.02                              | 1.02                              | 1.01                               | 1.01                                |
|  | 20L and 30L              | 1.01        | 0.96                              | 0.91                              | 0.88                               | 0.84                                |
|  | 40L and 60L              | 1.02        | 0.94                              | 0.87                              | 0.81                               | 0.75                                |
| 20°C (68°F)  | 9L and 13L               | 1.02        | 1.01                              | 1.00                              | 1.00                               | 0.99                                |
|  | 20L and 30L              | 1.01        | 0.95                              | 0.90                              | 0.87                               | 0.83                                |
|  | 40L and 60L              | 1.01        | 0.93                              | 0.86                              | 0.80                               | 0.74                                |
| 25°C (77°F)  | 9L and 13L               | 1.00        | 1.00                              | 0.99                              | 0.99                               | 0.99                                |
|  | 20L and 30L              | 1.00        | 0.94                              | 0.89                              | 0.86                               | 0.82                                |
|  | 40L and 60L              | 1.00        | 0.92                              | 0.85                              | 0.79                               | 0.74                                |
| 30°C (86°F)  | 9L and 13L               | 0.99        | 0.99                              | 0.98                              | 0.98                               | 0.98                                |
|  | 20L and 30L              | 0.97        | 0.93                              | 0.88                              | 0.85                               | 0.81                                |
|  | 40L and 60L              | 0.98        | 0.91                              | 0.84                              | 0.78                               | 0.73                                |
| 35°C (95°F)  | 9L and 13L               | 0.98        | 0.97                              | 0.97                              | 0.97                               | 0.97                                |
|  | 20L and 30L              | 0.96        | 0.92                              | 0.87                              | 0.84                               | 0.80                                |
|  | 40L and 60L              | 0.96        | 0.90                              | 0.83                              | 0.77                               | 0.72                                |
| 40°C (104°F)   | 9L and 13L               | 0.97        | 0.96                              | 0.96                              | 0.96                               | 0.95                                |
|  | 20L and 30L              | 0.95        | 0.90                              | 0.86                              | 0.83                               | 0.79                                |
|  | 40L and 60L              | 0.95        | 0.88                              | 0.82                              | 0.76                               | 0.71                                |

<sup>1</sup>Lumen maintenance values at 25°C (77°F) are calculated per TM-21 based on LM-80 data and in-situ luminaire testing

<sup>2</sup>In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip

<sup>3</sup>In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED chip

## Installation

- Recommended ceiling cutout 6.5" (165mm)



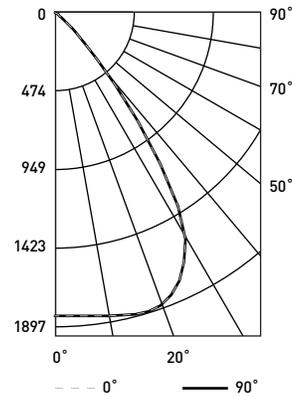
**Note:** 30L and 40L versions require marked spacing: 24" (600mm) x 12" (300mm) x 1/2" (12mm), 24" (600mm) luminaire to luminaire, 12" (300mm) luminaire to side wall, 1/2" (12mm) above luminaire  
60L versions require marked spacing: 48" (1219mm) x 24" (600mm) x 1" (25mm), 48" (1219mm) luminaire to luminaire, 24" (600mm) luminaire to side wall, 1" (25mm) above luminaire

# KR6™ LED Specification Downlight – Round 6”

## Photometry

### KR6-30L-27K-120V W/KR6T-SSGC-FF BASED ON UL REPORT TEST #: 157473

Luminaire photometry has been conducted in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a luminaire efficiency of 100%.



UL Test Report #: 157473  
 KR6-30L-27K-120V  
 w/KR6T-SSGC-FF  
 Initial Delivered Lumens: 2,479  
 Efficacy: 66 LPW  
 S/M: 1.2

| Coefficients Of Utilization – Zonal Cavity Method |     |     |     |     |
|---|-----|-----|-----|-----|
| RC %:   | 80  |     |     |     |
| RW %:   | 70  | 50  | 30  | 10  |
| RCR: 0  | 119 | 119 | 119 | 119 |
| 1   | 113 | 110 | 108 | 105 |
| 2   | 107 | 102 | 97  | 94  |
| 3   | 101 | 94  | 89  | 84  |
| 4   | 95  | 87  | 81  | 77  |
| 5   | 90  | 81  | 75  | 70  |
| 6   | 85  | 75  | 69  | 64  |
| 7   | 80  | 70  | 64  | 59  |
| 8   | 76  | 66  | 59  | 55  |
| 9   | 72  | 61  | 55  | 51  |
| 10  | 68  | 58  | 51  | 47  |

Effective Floor Cavity Reflectance: 20%

Reference <http://lighting.cree.com/products/indoor/new-construction-downlights/kr-series> for detailed photometric data

| Average Luminance Table (cd/m²) |                  |        |        |
|---------------------------------|------------------|--------|--------|
| Vertical Angle                  | Horizontal Angle |        |        |
|                                 | 0°               | 45°    | 90°    |
| 45°                             | 19,317           | 19,317 | 19,317 |
| 55°                             | 4,459            | 4,459  | 4,459  |
| 65°                             | 2,074            | 2,074  | 2,074  |
| 75°                             | 931              | 931    | 931    |
| 85°                             | 0                | 0      | 0      |

| Zonal Lumen Summary |        |        |           |
|---------------------|--------|--------|-----------|
| Zone                | Lumens | % Lamp | Luminaire |
| 0-30                | 1,527  | N/A    | 61.5%     |
| 0-40                | 2,206  | N/A    | 88.8%     |
| 0-60                | 2,462  | N/A    | 99.1%     |
| 0-90                | 2,483  | N/A    | 100.0%    |
| 0-180               | 2,483  | N/A    | 100.0%    |

| Cone of Light           |             |               |
|-------------------------|-------------|---------------|
| Distance from Workplane | Footcandles | Beam Diameter |
| 6' (1.8m)               | 51          | 7.3' (2.2m)   |
| 8' (2.4m)               | 29          | 9.7' (3.0m)   |
| 10' (3.0m)              | 18          | 12.3' (3.7m)  |
| 12' (3.7m)              | 13          | 14.5' (4.4m)  |
| 14' (4.3m)              | 9           | 17.4' (5.3m)  |

## Application Reference

Based on KR6-30L-27K-120V W/KR6T-SSGC-FF Luminaire

| Open Space |        |         |     |       |            |
|------------|--------|---------|-----|-------|------------|
| Spacing    | Lumens | Wattage | LPW | w/ft² | Average FC |
| 4 x 4      | 2,550  | 39      | 65  | 2.34  | 155        |
| 6 x 6      |        |         |     | 1.09  | 74         |
| 8 x 8      |        |         |     | 0.59  | 42         |
| 10 x 10    |        |         |     | 0.39  | 27         |

10' Ceiling, 80/50/20 Reflectances, 2.5' workplane. LLF: 1.0 Initial. Open Space: 50' x 40' x 10'

| Corridor      |        |         |     |       |            |
|---------------|--------|---------|-----|-------|------------|
| Spacing       | Lumens | Wattage | LPW | w/ft² | Average FC |
| 4' on Center  | 2,550  | 39      | 65  | 1.63  | 77         |
| 6' on Center  |        |         |     | 1.11  | 52         |
| 8' on Center  |        |         |     | 0.78  | 37         |
| 10' on Center |        |         |     | 0.65  | 31         |

10' Ceiling, 80/20/50 Reflectances, Light levels on the ground. LLF: 1.0 Initial. Corridor: 6' Wide x 100' Long

## Control Availability Chart

| Initial Delivered Lumens | Non Dimming |      |      | Triac Dimming to 5% |      |      | 0/1-10V Dimming to 10% |      |      |
|--------------------------|-------------|------|------|---------------------|------|------|------------------------|------|------|
|                          | 120V        | 277V | 347V | 120V                | 277V | 347V | 120V                   | 277V | 347V |
| 9L                       | N/A         | S    | N/A  | S                   | N/A  | N/A  | 0                      | 0    | 0    |
| 13L                      | N/A         | S    | N/A  | S                   | N/A  | N/A  | 0                      | 0    | 0    |
| 20L                      | N/A         | N/A  | N/A  | N/A                 | N/A  | N/A  | S                      | S    | S    |
| 30L                      | N/A         | N/A  | N/A  | N/A                 | N/A  | N/A  | S                      | S    | S    |
| 40L                      | N/A         | N/A  | N/A  | N/A                 | N/A  | N/A  | S                      | S    | S    |
| 60L                      | N/A         | N/A  | N/A  | N/A                 | N/A  | N/A  | S                      | S    | N/A  |

S = Standard Offering  
 O = Optional Offering



# Emblem Sign

## RLM Reflectors

### Job Information:

Project:

Prepared by:

Comments:

Approved by:

### Features:

**Reflector:** Spun from heavy gauge aluminum with an rolled in bead.

#### Lamp Types:

**Incandescent:** 300W max. Medium base porcelain socket.

**LED:** Requires External Driver Enclosure.

**LED(850/1250):** Cree LMH2 Module with Osram Driver

**LVE01:** Cree CXA COB with Osram Driver, Requires Glass Jar

**CFL:** Requires External Driver Enclosure.

**HPS:** Requires External Driver Enclosure.

**MH:** 150W Max Requires External Driver Enclosure.

**Mounting:** Top Mounting with 3/4 NPT. For outdoor use, Teflon tape should be used around threads.

**Finish:** Powder Coat Finish for Outdoor use. Complete color selection found at [bock.lighting/colors](http://bock.lighting/colors).

**Certification:** Built to UL 1598 and UL Certified for Damp and Wet Locations.



| Size | Diameter | Height  | Max Wattage |
|------|----------|---------|-------------|
| 6208 | 8"       | 10-1/8" | 100W        |
| 6210 | 10"      | 11-3/4" | 150W        |
| 6212 | 12"      | 13-3/4" | 200W        |
| 6214 | 14"      | 15-3/4" | 300W        |
| 6218 | 18"      | 21-1/2" | 300W        |
| 6222 | 22"      | 23-1/2" | 300W        |

**Note:** This isn't a complete spec to order from. Bock offers more than what is shown on a single page. Use the RLM Catalog or RLM Configurator to make a valid part number and submittal.

<http://www.bocklighting.com/sales/rlm-configurator>

### Ordering Guide:

Example: 6208-G0 / MED5 / 643-G0

| Series   | Lamp Type  | Mounting   |
|--|--|--|
| <b>6208</b> = Emblem Sign<br><b>6210</b> = Emblem Sign<br><b>6212</b> = Emblem Sign<br><b>6214</b> = Emblem Sign<br><b>6218</b> = Emblem Sign<br><b>6222</b> = Emblem Sign | <b>MED</b> = Incandescent Base<br><b>LED(850/1250)</b> = LMH2 Module<br><b>LVE01-(27/35/40K) @ (850/1250/1400/1800)</b> = Cree CXA COB, Universal<br><b>PSMH(50/70/100/150)</b> = Pulse Start Metal Halide<br><b>HPS(50/70/100/150)</b> = High Pressure Sodium | <b>Stem</b><br><b>640-(50/75)</b> = Stem Mounting, 1/2" or 3/4" Cord<br><b>643</b> = Cord Mount, 10ft.<br><b>Gooseneck</b><br><b>GN23A</b><br><b>GN24D</b> |

# Style A Gooseneck

## Job Information:

Project:

Prepared by:

Comments:

Approved by:

## Features:

**Mounting Style:** Top Mounted Fixture with 3/4 NPT or 1/2 NPT Threads

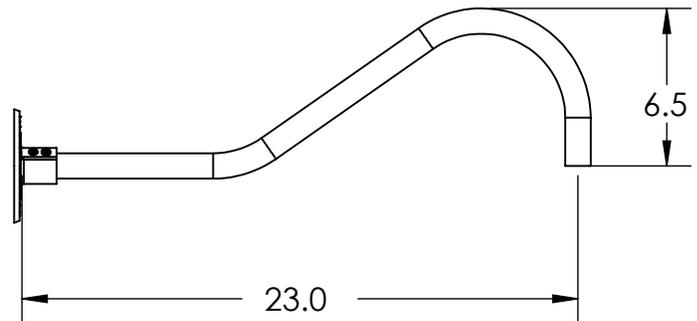
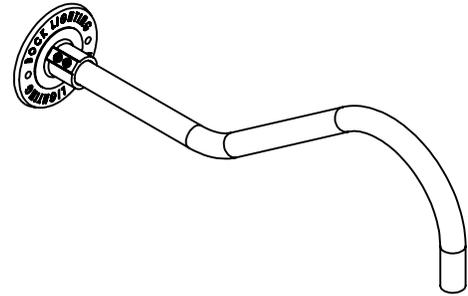
**Material:** Aluminum extrusion Standard, Galvanized steel available.

**Material Diameter:** 3/4 NPT Standard, 1/2 NPT Available.

**Finish:** Powder Coat

**Standard:** GN23A-75 = 23in

**Customization Options:** Can be shortened to 16in.



|  |   |   |  |
|--|---|---|--|
|  G0 Black                                |  G1 White                    |  G2 Red<br>RAL 3000 SG           |  G3 Yellow<br>RAL 1018 SG |
|  G4 Blue<br>RAL 5005 SG                  |  G5 Green<br>Farmer Green    |  G6 Brown<br>8081 SG             |  G7 Verdigris             |
|  G8 Dark Bronze                          |  G9 Silver                   |  G10 Dark Green                  |  G11 Copper               |
|  G12 Brushed Aluminum                    |  G13 Tan<br>RAL 1001         |  G14 Gunmetal                    |  G15 Rust                 |
|  G16 Silver Wrinkle<br>(Galvanized Look) |  G17 Architectural<br>Bronze |  G18 Rock Garden<br>Green, Gloss |  |
|  G50 Neon Orange<br>RAL 2004 SG          |  G51 Neon Pink               |  G52 Neon Yellow<br>RAL 1021     |  |

 GV  
Steel Galvanized

# BockLighting

Phone: (216) 912-7050 Fax: (216) 912-7051  
[sales@bocklighting.com](mailto:sales@bocklighting.com)  
[www.bocklighting.com](http://www.bocklighting.com)

# BockLighting

## Standard Powder Coat Colors



G0 Black



G1 White



G2 Red  
RAL 3000 SG



G3 Yellow  
RAL 1018 SG



G4 Blue  
RAL 5005 SG



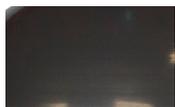
G5 Green  
Farmer Green



G6 Brown  
8081 SG



G7 Verdigris



G8 Dark Bronze



G9 Silver



G10 Dark Green



G11 Copper



G12 Brushed  
Aluminum



G13 Tan  
RAL 1001



G14 Gunmetal



G15 Rust



G16 Silver Wrinkle  
(Galvanized Look)



G17 Architectural  
Bronze



G18 Rock Garden  
Green, Gloss



G20 Silver Cast



G21 Hammered Copper



G22 Dark Platinum



G23 Silver Camero



G24 Orange



G25 Navy Blue



G26 Chrome



G27 Matte Black



G28 Sun Gold



G29 Brilliant Blue



G20 Mirror Black



G50 Neon Orange  
RAL 2004 SG



G51 Neon Pink



G52 Neon Yellow  
RAL 1021



G53 Lime Green Neon

### What Is Powder Coating?

Powder coating is the process of coating a surface in which a powder material is applied using an electrostatic or compressed air method. The applied powder is then heated (cured) to its melting point, after which it flows to form a smooth film which dries to a firm, durable finish very resistant to scratches, cracking, peeling, UV rays and rust.

Order Paint Samples by e-mailing:  
sales@bocklighting.com





**PAINT COLOR 4**

Stucco Walls

DE 6149 - Cream Washed



**PAINT COLOR 5**

Upper Canopy Fascia

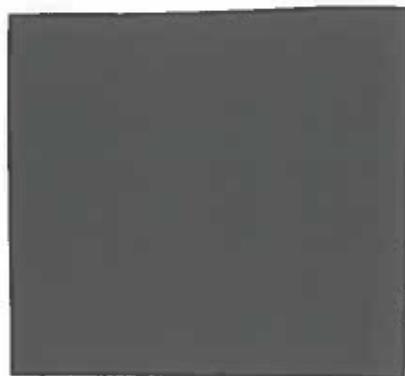
DET 478 - Zucchini Flower



**PAINT COLOR 6**

Lower Canopy Fascia

DEA 156 - Cherry Cola



**PAINT COLOR 7**

Columns, Door/Window Frames, Railings

DE 6370 - Charcoal Smudge

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**Downtown Facade Improvements**

210 W. Main St.

Color/Materials for Design Review



Design Group, LLC

Architecture - Historic Preservation - Planning - Landscape Design

1114 Grand Avenue Phoenix AZ 85007

602.254.5599 [motleydesigngroup.com](http://motleydesigngroup.com)