DATE:  August 24, 2017  
TO:  Architectural Review and Historic Preservation Board  
FROM:  Shannon Costa, Assistant Planner, (879-6807, shannon.costa@chicoca.gov)  
Community Development Department  
RE:  Architectural Review 17-15 (Chico Nissan Remodel) – 575 Manzanita Avenue, (APN 007-270-036, portion)  

RECOMMENDATION  
Staff recommends that the Architectural Review and Historic Preservation Board adopt the required findings contained in the agenda report and approve of the project, subject to conditions.

Proposed Motion:  
I move that the Architectural Review and Historic Preservation Board adopt the required findings contained in the agenda report and approve Architectural Review 17-15 (Chico Nissan Remodel), subject to the recommended conditions therein.

BACKGROUND  
The proposal involves the construction of a new sales building and two service canopies at the Chico Nissan Hyundai dealership located at 575 Manzanita Avenue. The site is designated Regional Commercial on the City of Chico General Plan Land Use Diagram, and zoned CR-AOD (Regional Commercial with Aircraft Operations Zone D overlay) (see Attachment A, Location Map). The site is also located within the North Valley Plaza Opportunity Site, which has been identified in the General Plan as a Regional Center Opportunity Site.

The proposed project involves three main components, including the demolition and reconstruction of the existing sales building, new service area canopy and new car wash area canopy. Other site improvements, including minor landscaping, bicycle parking and updated paint color are also proposed (see Attachment B, Overall Site Plan, Attachment C, Aerial View and Attachment D, Project Description).

The new sales building would be 5,800-square-feet in size and 24 feet in height. The building’s exterior would feature charcoal and silver aluminum composite panels and gray storefront glazing. The existing service and parts building would be painted gray to compliment the proposed structure. A centralized pop-out on the north elevation would be red and feature the Nissan brand logo (see Attachment E, Exterior Elevations Sales Building and Attachment F, Manzanita View South).

A new 18-foot-tall, 1,700 square-foot service canopy is proposed on the Manzanita Avenue side of the building as an addition to the existing service and parts center. The canopy would feature silver aluminum composite material with gray posts (see Attachment G, Exterior Elevations Service Canopy and Attachment H Manzanita View North). A new 546-square-foot canopy over the carwash station on the south side of the building would be 10 feet in height and feature grey steel tube columns (see Attachment I, Detailing Car Wash Elevations and
New landscaping is proposed in the existing customer parking areas, including six new shade trees and various plants and groundcover in existing planters. Customer parking lot shade is estimated to reach 50 percent at full maturity with four Japanese zelkova providing most of the shade (see Attachment K, Landscape Improvement Plans). Artificial turf is proposed around the perimeter of the existing vehicle sales lot. The site plan and renderings indicate a 25-foot-tall monument sign on the west side of the site, along Cohasset Road, and various directional signs throughout the site. One ground-mounted business identification sign not exceeding 20 feet in height is permitted per automobile dealership, pursuant to Chico Municipal Code (CMC) section 19.74. A recommended condition approval would require that the details of all signage to be reviewed under a separate permit to verify compliance with CMC 19.74.

A new coil-style bicycle parking rack is proposed near the front entry of the sales building that can support four bicycles (see Attachment L, Bike Rack Specifications). Two new concrete, elevated vehicle display pads are proposed on the north and south ends of the Cohasset Road frontage, replacing the existing metal framed display ramps. New 14-foot-high light poles are proposed throughout the site. Wall-mounted lights are proposed around the building’s exterior at a height of 14 feet (see Attachment M, Lighting Specifications and Attachment N, Photo Metric Plan). A new split-faced concrete block trash enclosure is proposed on the southern portion of the site. Conditions of approval would require that the enclosure is painted to match the main building and that vines are planted around the base of the enclosure to further buffer its appearance. Roof-mounted HVAC systems would be screened from view by a parapet wall.

DISCUSSION

The proposal is consistent with several General Plan policies, including those that encourage compatible infill redevelopment and revitalization of existing corridors (LU-4.2, LU-4.4, CD-2 and ED-3), as the materials and colors are compatible with other existing commercial uses located along the same corridor. The proposed design promotes pedestrian and bicycle access by directly engaging the public sidewalk and providing safe bike parking consistent with policies CD-3.2 and CD-3.3. The use of artificial turf and updated landscaping within the vehicle display and customer parking lot would reduce water needs, consistent with General Plan goals that promote drought tolerant landscaping (SUS-4.2). The project is also consistent with goals and policies to enhance Chico’s long-term prosperity (ED-1), and ensure that regulations and permitting processes for the conduct of commerce do not unreasonably inhibit local business activity (ED-1.3).

The project is consistent with Design Guidelines (DGs) that call for commercial buildings to choose building colors from a rich color palette that enhance the streetscape (DG 3.2.32). The red pop-out featuring the Nissan brand logo creates a dominant design element and sense of focus to more easily find the building entrance (DG 2.2.23). Updates to the existing building carries the architectural theme throughout all four elevations to achieve continuity (DG 2.2.33). Roof-mounted HVAC systems and the trash enclosure are hidden from view by appropriate screening methods (DG 2.2.27, 3.2.27 and 2.1.36). Further analysis with the City’s Design Guidelines Manual is provided in the project description (Attachment D).
Overall, the project provides revitalization along a main corridor, compatible with those of other new or recently updated businesses along the same corridor (Buffalo Wild Wings, Wendy's, Dutch Bros., and Mad Dash Pizza).

**REQUIRED FINDINGS FOR APPROVAL**

**Environmental Review**

The project has been determined to be categorically exempt under CMC Section 1.40.220 and pursuant to the California Environmental Quality Act (CEQA) Guidelines Section 15302 (Replacement or Reconstruction). Consistent with this exemption, the project is: the replacement of a commercial structure with a new structure of substantially the same size, purpose and capacity.

**Architectural Review**

According to the Chico Municipal Code Section 19.18.060, the Architectural Review and Historic Preservation Board shall determine whether or not a project adequately meets adopted City standards and design guidelines, based upon the following findings:

1. *The proposed development is consistent with the General Plan, any applicable specific plan, and any applicable neighborhood or area plans.*

   The proposal is consistent with several General Plan goals and policies to enhance corridors that represent transitions and connections throughout the community and revitalize opportunity sites (CD-2, CD-2.3 and LU-5.1). The use of artificial turf and updated landscaping within the vehicle display and customer parking lot would reduce water needs, consistent with General Plan goals that promote drought tolerant landscaping (SUS-4.2). The project is not within a neighborhood plan.

2. *The proposed development, including the character, scale, and quality of design are consistent with the purpose/intent of this chapter and any adopted design guidelines.*

   The building is of a mass and scale that would not overwhelm the surrounding neighborhood (DG 1.2.13). The proposed materials are rich and interesting, consistent with DGs 3.2.32, 3.2.31, and 3.2. The red pop-out featuring the Nissan brand logo creates a dominant design element and sense of focus to more easily find the building entrance (DG 2.2.23).

3. *The architectural design of structures, including all elevations, materials and colors are visually compatible with surrounding development. Design elements, including screening of equipment, exterior lighting, signs, and awnings, have been incorporated into the project to further ensure its compatibility with the character and uses of adjacent development.*

   The proposal involves the reconstruction and revitalization of an existing commercial building that has compatibly existed in the neighborhood for many years. The materials and colors are compatible with those of other new or recently updated businesses along the same corridor (Buffalo Wild Wings, Wendy’s, Mad Dash Pizza and Dutch Bros.). Exterior equipment will be properly screened from view by roof parapets.
4. The location and configuration of structures are compatible with their sites and with surrounding sites and structures, and do not unnecessarily block views from other structures or dominate their surroundings.

The project involves the reconstruction of an existing building that is compatible with the site and surrounding structures. The proposed building is of a size and scale that would not overwhelm the surrounding neighborhood, unnecessarily block views or dominate its surroundings.

5. The general landscape design, including the color, location, size, texture, type, and coverage of plant materials, and provisions for irrigation and maintenance, and protection of landscape elements, have been considered to ensure visual relief, to complement structures, and to provide an attractive environment.

The project provides updated landscaping and parking lot shade trees to a site where minimal landscaping currently exists. Plant species were selected for their drought-tolerant qualities and color variations and are placed on the site so they will ensure visual relief and provide an attractive environment along the street frontage.

**RECOMMENDED CONDITIONS OF APPROVAL**

1. The front page of all approved building plans shall note in bold type face that the project shall comply with Architectural Review 17-15 (Chico Nissan Remodel). No building permits related to this approval shall receive final approval without prior authorization of Community Development Department Planning staff.

2. All development shall comply with all other State and local Code provisions, including those of the City of Chico Community Development and Public Works Departments. The permittee is responsible for contacting these offices to verify the need for compliance.

3. All proposed signage shall be reviewed under a separate permit and in compliance with Chico Municipal Code 19.74.

4. The trash enclosure shall be painted to match the main building and landscaping, including vines, shall be planted at the base of the structure.

**PUBLIC CONTACT**

Public notice requirements were fulfilled by placing a notice on the project site and by posting of the agenda at least 10 days prior to this ARHPB meeting.

**DISTRIBUTION**

Internal (3)
Mike Sawley, Senior Planner
Shanon Costa, Assistant Planner
File: AR 17-15

External (2)
NorthStar Engineering, Attn: Larry Coffman, 111 Mission Ranch Blvd, suite 100, Chico, CA 95927 (lcoffman@northstareng.com)
Raymond Bowen, 575 Manzanita Avenue, Chico Ca 95926
ATTACHMENTS

A. Location Map
B. Overall Site Plan
C. Aerial View
D. Project Description
E. Exterior Elevations Sales Building
F. Manzanita View South
G. Exterior Elevations Service Canopy
H. Manzanita View North
I. Detailing Carwash Elevations
J. Color Board
K. Landscape Improvement Plans (2)
L. Bike Rack Specifications
M. Lighting Specifications (5)
N. Photo Metric Plan
AR 17-15 (Chico Nissan)
575 Manzanita Avenue
APN 007-270-036-000, portion
ARHPB OVERALL SITE PLAN SM

SCALE: 1" = 60'-0"

SITE COVERAGE SUMMARY:
BUILDING AREA: 29,144 S.F. / 140,685 S.F. = 20.73%
SALES DISPLAY PARKING AREA: 51,325 S.F. / 140,585 S.F. = 36.51%
CUSTOMER SALES PARKING AREA: 3,695 S.F. / 140,585 S.F. = 2.58%
CUSTOMER PARTS PARKING AREA: 1,565 S.F. / 140,585 S.F. = 1.11%
SERVICE CAR HOLDING PARKING: 11,555 S.F. / 140,585 S.F. = 8.22%
LANDSCAPE AREA: 10,074 S.F.

REQUIRED VEHICLE PARKING:
GROSS SALES BUILDING PARKING: 5821 S.F. / 625 S.F./SPACE = 9.3 SPACES - 11 SPACES PROVIDED
SALES PARKING: 3,013 S.F. / 375 S.F./SPACE = 8.1 SPACES - 8 SPACES PROVIDED
OUTDOOR "DISPLAY- SALES" PARKING:
VEHICLE DISPLAY FOR SALES: 51,325 S.F. / 2500 S.F./SPACE = 20.53 SPACES - 35 PROVIDED
TOTAL VEH. BUILDING PARKING: 37.53 SPACES
DISABLED PARKING PROVIDED:
SALES: 1 STD DISABLED SPACE AND 1 VAN ACCESSIBLE DISABLED SPACE
SERVICE/PARTS: 1 STD. DISABLED SPACE AND 1 VAN ACCESSIBLE SPACE
BICYCLE PARKING REQUIRED: 0% OF 93.67 = 4.18 = 4 BICYCLE RACK PARKING PROVIDED

CHICO NISSAN
for 575 MANZANITA
CHICO, CA

Date Issued: 8.15.17 - REV. OF A100-AR
NS Project No. 13-366
Sheet: OVERALL SITE PLAN

Attachment B
PROJECT NARRATIVE

CHICO NISSAN ADDITION + REMODEL

The existing Chico Nissan/Hyundai automobile dealership occupies the very linear shaped property bounded by Cohasset Road and Manzanita Avenue. Below is a copy of a Chico ER article, dated June 25, 1965, announcing the completion of “Park Motors” new Sport Car Center, offering ten different car lines. The facility had both indoor and covered outdoor showrooms. Elements of the current sales and service buildings can be seen in the photo.

Owner Brian Bowen’s father, Ray Bowen had the dealership built along Cohasset Road, which was surrounded by orchards for decades. Today, Cohasset Road is a very busy artery in the Chico transportation street network. Development all around this property in the last 52 years has changed
substantially with K-Mart, fast food franchises, convenience stores, office buildings and multi-family residential uses, displacing the orchards. The property is zoned "CR" Regional Commercial. The site is surrounded by streets on three sides and on the south side by the Cal-Trans right-of-way, including the north-bound off-ramp for Highway 99. There is a small triangular contiguous parcel on the south that is owned by Stott Advertising and leased by Chico Nissan for vehicle storage. Given the separation from other uses, no building set-backs are required.

The current property (140,585 square feet) has 1,480 lineal feet of street frontage, indicative of the long, narrow property.

**SITE DESIGN**

The linear site shape provides opportunities to display both new and used cars to the traffic passing on Cohasset Road and Manzanita Ave. The volume of traffic combined with the merging of traffic from the Highway 99 off-ramp make vehicular site access on the Cohasset Road side unworkable and dangerous. This precipitates having Sales, Service and Parts vehicular traffic access the site along Manzanita Ave.. Four new driveway approaches will be installed on the Manzanita side to fit the revised traffic pattern and will be locked off by post and chains on either side of the driveways.

The new Sales Building and the new Service Drive canopy have been located on the site to facilitate their visual and functional inter-connectedness on the site. Car buyers naturally become service customers via the warranty and maintenance process. Service customers often become car buyers, seeing a new or different car, while they are on site getting their current car serviced. Maybe more importantly this design strengthens the symbiotic internal flow of customers and staff, between sales, service and parts departments.

We are currently pursuing a Use-Permit to reduce the number of sales customer parking spaces required, based on the dealership’s volume of sales traffic.

Two new concrete, raised, tilted Feature Vehicle display pads are to be located on either end of the Cohasset frontage.

New Path of Travel routes are provided at two locations for the New Sales Building, leading to Cohasset Road and Manzanita Avenue. A new path of travel is provided to service the Service/Parts building, leading to Manzanita, which requires a ramp up to a pathway that passes through the New Service Drive Canopy. A bike rack is located along the path of travel adjacent to the main sales entry per DG 2.1.23.

The north end of the site (+/-200 linear ft.) is currently a portion of sales vehicle display lot, paved with concrete banded concrete pavers. This paving will remain in place. The current freestanding canopy roof in this area will be removed.

South of the above described display lot, the site will be re-graded, paved, with new drainage around the new Sales Building, new Service Drive Canopy, the existing Service/Parts building to the south end of the property. The new drainage will be collected and piped to a new MS-4 detention facility in the center of the south vehicle holding area, then introduced into the City Storm Drain system.
A new freestanding roof with steel tube columns is being added adjacent to the south end of the existing Service/Parts building for car washing.

Employee parking is located in the southwest corner of the “Service Site”, where an existing Oleander screen is in place within the Cal-Trans right-of-way.

The full site will have new LED lighting. Light poles will be 12 feet tall, set on 2 foot high round concrete pedestals. All lighting will be directed onto the site and are cut-off type fixtures. Included in our package in a photometric plan showing lighting levels all around the site. The frontage car display light levels vary from 50 fc to 70 fc and the interior levels range from 1 fc to 20 fc dependent on proximity to the fixtures. Around the building, wall mounted lights are used, mounted at +/- 14 feet above grade.

We have provided an Overall Site Plan (A100-AR) to illustrate the full scope of the project. To show detail, we have also provided a "Sales Site Plan" (A101-AR) and a Service Site Plan (A102-AR). We have differentiated the various parking functions with different colors on these plans. We are providing 50% tree shading for the Sales Customer Parking, adjacent to the New Sales Building and the Parts Parking, south of the New Service Drive Canopy per DG 2.1.28.

The perimeter landscape buffer behind the sidewalk will be covered in artificial grass turf. This eliminates the problems with irrigation water damaging the display cars on a recurring basis. This also eliminates the maintenance cost. The grass look provides an attractive foreground for the car displays.

New electrical and gas service will be brought onto the site, located in an island near the southeast corner of the existing Service/Parts building. We are providing bollards for protection from vehicles. Given the location, behind sales vehicles on display along Manzanita Ave., we don’t feel that a screen of any sort is necessary.

A new split-faced concrete block walled enclosure will be directly in front of the southerly most driveway.

**BUILDING DESIGN**

It is important to understand that automobile dealerships show their wares on the outside of their buildings. Customers need to see the new cars to make the commitment to come onto the property and investigate. Used cars, which are typically “one of a kind”, visibility is even more important to attract buyers. We don’t want to hide the product behind trees or shrubs. DG 2.1.25; DG 2.2.26 and DG 2.1.27 all focus on screening of cars. This does not work for this type of business! The vast majority of customers are driving by the site, at various speeds and the dealer needs to attract their attention!

New cars are ever changing their styling and automobile factories also want to change their dealership’s appearance to send a message to their potential customers that their particular products and facilities are up with or ahead of their competitors. This new building concept that we are proposing certainly does that in our judgement! The commercial uses around the Nissan site have
been updating in the recent past, i.e., Wendy’s; Dutch Brothers Coffee; Mad Dash Pizza and Flyers Convenience Store have moved to contemporary architectural styling. Our project certainly strengthens the neighborhood DG 2.1.11.

The new building forms are simple, offset intersecting rectangular shapes (DG 2.2.22), articulated with a grid pattern of charcoal and silver aluminum panels and gray painted storefront glazing (DG 2.2.11, DG 2.2.32). The Sales building is over 24 feet tall, which gives the building a bigger presence, again to attract the passers-by. This height also allows for tall storefront windows, inviting customers into the high ceiling showroom. The entry is highlighted with a red translucent, back-lit “Tablet” above the doors, providing a striking symbol of the product against the silver/gray wall color palette (2.2.23). The colors provide a charcoal gray wall color as a “neutral” background for the various colors of the vehicles displayed all around the building (DG 2.2.32). The existing Service/Parts building will be painted to match the charcoal gray wall panels of the new buildings, unifying the development (DG 2.2.33).

Rooftop HVAC units are hidden by the perimeter walls as a function of the rectangular building forms. The units are screened by the architecture, not as a secondary consideration (DG 2.2.27).

The new Service Drive canopy, located closer to the street, is a lower rectangular shape, with a different function precipitating a different height and massing, while using the same architectural language of the articulated panels and grid (DG 2.2.12).

This project will change the aesthetics of this car dealership substantially. The new buildings reflect the contemporary state of the car business. The existing building will be painted to complement the new construction. The site will be largely repaved, drainage brought into compliance with today’s water quality measures, landscaping will be updated and site lighting will be updated with LED light sources and limited to 14 foot tall pole/pedestal combinations.

We are very pleased to submit this project for your consideration. We feel that this project will be a wonderful improvement to this highly visible location in the City of Chico!
MANZANITA AVE VIEW LOOKING NORTH SM

CHICO NISSAN
575 MANZANITA
CHICO, CA

Date: 8.15.17 - REV.
Job No: 13-366
Sheet: MANZANITA VIEW LOOKING NORTH
A503-AR S

Attachment H
WEST ELEV. - DETAIL ROOF

EXTERIOR FINISH LEGEND

EP-1
CEMENT FIBER FASCIA
BENJAMIN MOORE PAINT
COLOR: "SILVER HALF DOLLAR"

EP-5
STEEL TUBE COLUMNS/GLU-LAM
BEAM/CEMENT FIBER FASCIA BD.
SHERWIN WILLIAMS - SW7076
COLOR: "CYBERSPACE"

SECTION - DETAIL ROOF

ROOF STRUCTURE at
DETAILING CAR WASH
SEE SITE PLAN A302-ARS

CHICO NISSAN
575 MANZANITA
CHICO, CA
Shade Calculations for the Chico Nissan Remodel Project

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parking lot area
50% shade required
% Shade Provided

5,777.00
2,888.50
50.29%
Bike-Coil 6 Bike Rack
Surface Mount

Capacity:
6 Bicycles Max. (3 per side)

Materials:
1.9" x 0.095" Wall In-Line Galvanized Steel Tube
7 Ga. (3/16") Steel Plate

Finish:
Polyester Powder Coating Top Coat over E-Coat Primer.

Note: Anchoring Hardware Not Included
Cree Edge™ Series
LED High Output Area/Flood Luminaire featuring Cree TrueWhite® Technology

Product Description
The Cree Edge™ High Output Area/Flood luminaire is designed to deliver high lumen packages with precise optical control. The unit features a slim, low profile design that minimizes wind load and a rugged die cast aluminum adjustable arm that mounts to a horizontal or vertical 2" (51mm) IP: 2.375-2.50" (60-64mm) O.D. steel tenon. Tenon length must be a minimum of 3.75" (95mm). The direct mount bracket accessory allows for further mounting flexibility. Available with Cree TrueWhite® Technology, the Cree Edge™ High Output helps to beautify your room and deliver value beyond energy savings.

Applications: Auto dealerships, parking lots, campuses, façade lighting, high-mast and general site lighting applications

Performance Summary
- Utilizes Cree TrueWhite® Technology on 5000K Luminaires
- Patented NanoOptic® Product Technology
- Made in the U.S.A. of U.S. and imported parts
- CRI: Minimum 70 CRI (4000K & 5700K); 90 CRI (5000K)
- CCT: 4000K (±/300K), 5000K (±/300K), 5700K (±/500K) standard
- Warranty: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

Accessories

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<td>XA-30BLS-8</td>
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HV Mount (shown in horizontal position)

Ordering Information
Example: ARE-END-2M-HV-12-E-UL-SV-700

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NOTE: Price guide may apply depending on configuration

CREE
Rev. Date: V6 01/20/2016
Canada: www.cree.com/canada

CHICO NISSAN

Attachment M
Photometry

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. To obtain an IES file specific to your project consult: www.cree.com/Lighting/Tools-and-Support/Exterior-IES-Configuration-Tool

**AF**

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</table>

*Initial delivered lumens at 30°C (77°F). Actual production yield may vary between 10% and 11% of initial delivered lumens.

**For more information on the IES BUG (Buildings Illumination Guides) rating visit: www.ies.org/SPF/Files/IES-TM-15-12BUGratingsAdoption.pdf

15°

<table>
<thead>
<tr>
<th>LED Count (x10)</th>
<th>4000K</th>
<th>5000K</th>
<th>5700K</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Initial Delivered Lumens</td>
<td>Initial Delivered Lumens</td>
<td>Initial Delivered Lumens</td>
</tr>
<tr>
<td>700mA</td>
<td>BUG Ratings**</td>
<td>BUG Ratings**</td>
<td>BUG Ratings**</td>
</tr>
<tr>
<td>12</td>
<td>27,276</td>
<td>21,611</td>
<td>28,326</td>
</tr>
<tr>
<td>24</td>
<td>54,588</td>
<td>43,250</td>
<td>56,687</td>
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<tr>
<td>1000mA</td>
<td>36,628</td>
<td>29,021</td>
<td>38,037</td>
</tr>
<tr>
<td>24</td>
<td>73,303</td>
<td>58,079</td>
<td>76,123</td>
</tr>
</tbody>
</table>

*Initial delivered lumens at 35°C (95°F). Actual production yield may vary between 10% and 11% of initial delivered lumens.
PS Series
Crown-Weld® Square Straight Steel Poles

Product Description
Non-tapered square steel poles are supplied with a welded base with cover, four galvanized anchor bolts, mastone mounting template and pole cap (except tenon mount). Each anchor bolt is provided with two washers and two nuts. Steel pole base has slotted holes. Per National Electrical Code requirements, pole is standard with a 2" x 6" hand hole, located 18" above the bottom of pole base. A #10-32 stainless-steel weld stud with grounding lug is located inside the pole, opposite the hand hole. A hand hole cover is supplied but shipped separately. In addition, 4" x 27" and 4" x 30" poles include an internal 5/16" steel reinforced sleeve welded inside the bottom 2/4" of the pole, as well as a reinforcement welded around the hand hole for added strength. The hand hole location on reinforced poles is 12" above the bottom of the pole base.

CONSTRUCTION & MATERIALS
- Square, non-tapered pole of structural steel tubing (ASTM A 500) with a minimum yield of 46,090 p.s.i.
- Welded to a formed carbon steel base plate with a minimum yield strength of 36,000 p.s.i.
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder coat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion

REGULATORY & VOLUNTARY QUALIFICATIONS
- National Electrical Code Requirements
- UL Listed in US for electrical ground bonding
- CSA Certified in Canada for ground bonding and structural strength

LIMITED WARRANTY*
- 7 years on pole/7 years on Colorfast DeltaGuard® finish
*See https://www.cree.com/pole/warranty for warranty terms

Accessories

<table>
<thead>
<tr>
<th>Field-installed</th>
<th>REC-071SH</th>
<th>REC-071SV</th>
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</thead>
<tbody>
<tr>
<td>SP1 Outlet Accessory – 120V</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REC-3192</td>
<td></td>
<td>White Finish</td>
</tr>
<tr>
<td>REC-319M</td>
<td></td>
<td>Silver Finish</td>
</tr>
<tr>
<td>REC-319B</td>
<td></td>
<td>Black Finish</td>
</tr>
</tbody>
</table>

Ordering Information

Example: PS3510C18K

<table>
<thead>
<tr>
<th>Product</th>
<th>Mounting Configuration</th>
<th>Color Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS3510C</td>
<td>Single</td>
<td></td>
</tr>
<tr>
<td>PS5415C</td>
<td>Twin @ 180°</td>
<td></td>
</tr>
<tr>
<td>PS5425C</td>
<td>Twin @ 0°</td>
<td></td>
</tr>
<tr>
<td>PS5425E</td>
<td>Triplet</td>
<td></td>
</tr>
<tr>
<td>PS5425S</td>
<td>Quad</td>
<td></td>
</tr>
<tr>
<td>PS5425H</td>
<td>Tenon</td>
<td></td>
</tr>
</tbody>
</table>

*Direct mount pole configurations *W*ith *One Edge™* High Output luminaries.
*Order them separately. Refer to *Product and Tenon Spec Sheet* for additional information.

CHICO NISSAN
### Photometry

**OSQ™ Area Luminaire – Type III Medium; OSQ A**

Fixture photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%.

**RESTL Test Report #: PL09439-001**
- OSQ A **S 30KUL**
- Initial Delivered Lumens: 21,013

#### Type III Medium Distribution

<table>
<thead>
<tr>
<th>Input Power</th>
<th>3000K</th>
<th>4000K</th>
<th>5700K</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Delivered Lumens</td>
<td>Initial Delivered Lumens</td>
<td>Initial Delivered Lumens</td>
<td>Initial Delivered Lumens</td>
</tr>
<tr>
<td>A</td>
<td>9,042</td>
<td>B2-UG-02</td>
<td>18,713</td>
</tr>
<tr>
<td>J</td>
<td>13,564</td>
<td>B2-UG-03</td>
<td>16,189</td>
</tr>
<tr>
<td>S</td>
<td>17,016</td>
<td>B3-UG-03</td>
<td>21,475</td>
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</tbody>
</table>

#### Type III Medium w/BLS Distribution

<table>
<thead>
<tr>
<th>Input Power</th>
<th>3000K</th>
<th>4000K</th>
<th>5700K</th>
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</thead>
<tbody>
<tr>
<td>Initial Delivered Lumens</td>
<td>Initial Delivered Lumens</td>
<td>Initial Delivered Lumens</td>
<td>Initial Delivered Lumens</td>
</tr>
<tr>
<td>A</td>
<td>7,727</td>
<td>B1-UG-02</td>
<td>5,235</td>
</tr>
</tbody>
</table>

* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between 4% and +10% of initial delivered lumens.

** For more information on the IES BUG (Backlight-Uplight-Clear) Rating visit: www.equip.org/PEV/Rставил/IESUG-RatingsAddendum.pdf

Valid with no tilt

### Specifications

**OSQ™ LED Area Luminaire**

#### Direct Mount

- 25" Medium
- 27.2" Large

#### Adjustable Arm

- 27.6" Medium
- 29.8" Large

**Medium (Type III Medium)**
- 9,042 lumens, 112W
- 13,564 lumens, 168W
- 10-year limited warranty

**Large (Type III Medium)**
- 17,996 lumens, 223W
- 10-year limited warranty

### Electrical Data

<table>
<thead>
<tr>
<th>Input Power Designator</th>
<th>System Watts 120–480V</th>
<th>Total Current</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120V</td>
<td>208V</td>
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<tr>
<td>A</td>
<td>112</td>
<td>0.97</td>
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<tr>
<td>J</td>
<td>148</td>
<td>1.47</td>
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<tr>
<td>S</td>
<td>223</td>
<td>1.94</td>
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</table>

**Note:** Testing represents Type III Medium optics. For exact photometric data please reference our available iES and LM-79 test results at: www.cree.com/lighting/OSQSeries.
XSP Series
XSPW™ LED Wall Mount Luminaire

Product Description
The XSPW™ LED wall mount luminaire has a slim, low profile design intended for outdoor wall mounted applications. The rugged lightweight aluminum housing and mounting box are designed for installation over standard single gang J-Boxes and mud ring single gang J-Boxes. The luminaire allows for through-wired or conduit entry from the top, bottom, sides and rear. The housing design is intended specifically for LED technology including a weather tight LED driver compartment and thermal management. Optic design features industry-leading NanoOptic® Precision Delivery Grid™ system in multiple distributions.

Applications: General area and security lighting

Performance Summary
- NanoOptic® Precision Delivery Grid™ optic
- Made in the U.S.A. of U.S. and imported parts
- CRI: Minimum 70 CRI
- CCT: 4000K (+/- 300K), 5700K (+/- 500K)
- Limited Warranty*: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

* See www.cree.com/lighting/products/warranty for warranty terms

Accessories

Field-Installed
- Beauty Flange
- WM-P1T2™ - 12" (305mm) Square
- WM-PMT4™ - 14" (350mm) Square
- Covers holes left by incumbent wall packs

** Must specify color

Multi-Level Sensor location
(ordering as an option)

Weight
9.5 lbs (4.3kg)

Ordering Information
Example: XSPW-A-0.2-F-C-U-Z

<table>
<thead>
<tr>
<th>Product</th>
<th>Version</th>
<th>Mounting</th>
<th>Optic</th>
<th>Modules</th>
<th>Input Power Designator</th>
<th>Voltage</th>
<th>Color Options</th>
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<tbody>
<tr>
<td>XSPW</td>
<td>A</td>
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<td>F</td>
<td>Universal 120-277V</td>
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<td>S</td>
<td>K</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Type II Medium</td>
<td>420W</td>
<td>120V, 277V</td>
<td>Silver</td>
<td></td>
<td>P</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Type III Medium</td>
<td>5700K</td>
<td></td>
<td>Black</td>
<td></td>
<td>Y</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>3</td>
<td>G</td>
<td>23W</td>
<td>2</td>
<td>W</td>
<td></td>
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<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>6</td>
<td>White</td>
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<td></td>
<td></td>
<td>Z</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Bronze</td>
<td></td>
</tr>
</tbody>
</table>

* Available in Canada only
NOTE: Price add-in may apply depending on configuration

Rev.Date: V5 07/31/2015

CREE
T (800) 473-1234 F (800) 890-7507
Canada: www.cree.com/canada

UL US DLC EU
US: www.cree.com/lighting T (800) 236-6800 F (262) 504-5415

CHICO NISSAN

Attachment M