

# HISTORIC AND DESIGN REVIEW COMMISSION

March 04, 2020

**HDRC CASE NO:** 2020-088  
**ADDRESS:** 500 COLUMBUS  
**LEGAL DESCRIPTION:** NCB 14481 BLK LOT 1  
**ZONING:** D  
**CITY COUNCIL DIST.:** 1  
**APPLICANT:** Joseph Cannata/RVK  
**OWNER:** Jamaal Moreno/CITY OF SAN ANTONIO  
**TYPE OF WORK:** Park Improvements  
**APPLICATION RECEIVED:** February 11, 2020  
**60-DAY REVIEW:** April 13, 2020  
**CASE MANAGER:** Rachel Rettaliata

## REQUEST:

The applicant is requesting a Certificate of Appropriateness to:

1. Demolish existing basketball court,
2. Reconstruct existing parking,
3. Demolish existing concrete pavement and install new concrete pavement,
4. Replace existing benches,
5. Install a bocce ball court,
6. Install prefabricated steel pavilion,
7. Install decorative metal panels to existing pergolas,
8. Install drinking fountain,
9. Perform landscaping modifications,
10. Install security lighting,
11. Replace electrical service,
12. Demolish existing restroom building and install Portland Loo restroom.

## APPLICABLE CITATIONS:

*UDC Sec. 35-641. - Design Considerations for Historic and Design Review Commission Recommendations.*

In reviewing an application, the historic and design review commission shall be aware of the importance of attempting to find a way to meet the current needs of the City of San Antonio, lessee or licensee of public property. The historic and design review commission shall also recognize the importance of recommending approval of plans that will be reasonable to implement. The best urban design standards possible can and should be employed with public property including buildings and facilities, parks and open spaces, and the public right-of-way. Design and construction on public property should employ such standards because the use of public monies for design and construction is a public trust. Public commitment to quality design should encourage better design by the private sector. Finally, using such design standards for public property improves the identity and the quality of life of the surrounding neighborhoods.

*UDC Sec 35-642. – New Construction of Buildings and Facilities:*

In considering whether to recommend approval or disapproval of a certificate, the historic and design review commission shall be guided by the following design considerations. These are not intended to restrict imagination, innovation or variety, but rather to assist in focusing on design principles, which can result in creative solutions that will enhance the city and its neighborhoods. Good and original design solutions that meet the individual requirements of a specific site or neighborhood are encouraged and welcomed.

(a) Site and Setting.

(1) Building sites should be planned to take into consideration existing natural climatic and topographical features. The intrusive leveling of the site should be avoided. Climatic factors such as sun, wind, and temperature should become an integral part of the design to encourage design of site-specific facilities which reinforces the individual identity of a neighborhood and promotes energy efficient facilities.

(2) Special consideration should be given to maintain existing urban design characteristics, such as setbacks, building heights, streetscapes, pedestrian movement, and traffic flow. Building placement should enhance or create focal points and views. Continuity of scale and orientation shall be emphasized.

(3) Accessibility from streets should be designed to accommodate safe pedestrian movement as well as vehicular traffic. Where possible, parking areas should be screened from view from the public right-of-way by attractive fences, berms, plantings or other means.

(4) Historically significant aspects of the site shall be identified and if possible incorporated into the site design. Historic relationships between buildings, such as plazas or open spaces, boulevards or axial relationships should be maintained.

**(b) Building Design.**

(1) Buildings for the public should maintain the highest quality standards of design integrity. They should elicit a pride of ownership for all citizens. Public buildings should reflect the unique and diverse character of San Antonio and should be responsive to the time and place in which they were constructed.

(2) Buildings shall be in scale with their adjoining surroundings and shall be in harmonious conformance to the identifying quality and characteristics of the neighborhood. They shall be compatible in design, style and materials. Reproductions of styles and designs from a different time period are not encouraged, consistent with the secretary of the interior's standards. Major horizontal and vertical elements in adjoining sites should be respected.

(3) Materials shall be suitable to the type of building and design in which they are used. They shall be durable and easily maintained. Materials and designs at pedestrian level shall be at human scale, that is they shall be designed to be understood and appreciated by someone on foot. Materials should be selected that respect the historic character of the surrounding area in texture, size and color.

(4) Building components such as doors, windows, overhangs, awnings, roof shapes and decorative elements shall all be designed to contribute to the proportions and scale of their surrounding context. Established mass/void relationships shall be maintained. Patterns and rhythms in the streetscape shall be continued.

(5) Colors shall be harmonious with the surrounding environment, but should not be dull. Choice of color should reflect the local and regional character. Nearby historic colors shall be respected.

(6) Mechanical equipment or other utility hardware should be screened from public view with materials compatible with the building design. Where possible, rooftop mechanical equipment should be screened, even from above. Where feasible, overhead utilities should also be underground or attractively screened. Exterior lighting shall be an integral part of the design. Interior lighting shall be controlled so that the spillover lighting onto public walkways is not annoying to pedestrians.

(7) Signs which are out of keeping with the character of the environment in question should not be used.

Excessive size and inappropriate placement on buildings results in visual clutter. Signs should be designed to relate harmoniously to exterior building materials and colors. Signs should express a simple clear message with wording kept to a minimum.

(8) Auxiliary design. The site should take into account the compatibility of landscaping, parking facilities, utility and service areas, walkways and appurtenances. These should be designed with the overall environment in mind and should be in visual keeping with related buildings, structures and places.

**FINDINGS:**

a. The public park located at 500 Columbus is commonly known as Columbus Park. It is a 2.1-acre park northwest of downtown. The applicant is requesting approval for various park improvements and public amenities.

b. BASKETBALL COURT – The applicant has proposed to demolish the existing basketball court. Staff finds that the applicant should repair the basketball court if possible. Staff finds the proposal consistent with the UDC.

c. PARKING IMPROVEMENTS – The applicant has proposed to redevelop 8 existing parking spaces located to the northeast of the park. The walkway at the redeveloped parking spaces will feature ADA accessibility to the existing pergola and the proposed pavilion. The applicant has proposed to install 3 new parallel parking spaces between the existing parking lot and the redeveloped parking lot. Staff finds the proposal consistent with UDC Sec. 35-642 (a).

d. SIDEWALKS – The applicant has proposed installing new concrete pavement and decorative stamped concrete. The new pavement will be installed at the proposed pavilion area in the center of the park, surrounding the existing upper acequia pool, and along pedestrian walkways. Staff finds the proposal consistent with UDC Sec. 35-642 (a).

e. PARK AMENITIES – The applicant has proposed to construct a bocce ball court, install a prefabricated steel pavilion, replace existing benches, and install a drinking fountain. Staff finds the proposal consistent with the UDC.

f. LANDSCAPING – The applicant has proposed to modify the landscaping to plant new trees, including dwarf palmettos and Texas palmettos, and incorporate shredded mulch in the planting beds. Staff finds the proposal consistent with the UDC.

g. SHADE STRUCTURES – The applicant has proposed to install a decorative metal canopy screen on top of the existing pergola. The applicant has shown that the new shade screen will substantially increase the shade value. Staff finds the proposal consistent with the UDC.

h. LIGHTING – The applicant has proposed to install security lighting and replace the electrical service. Staff finds the proposal generally consistent with the UDC.

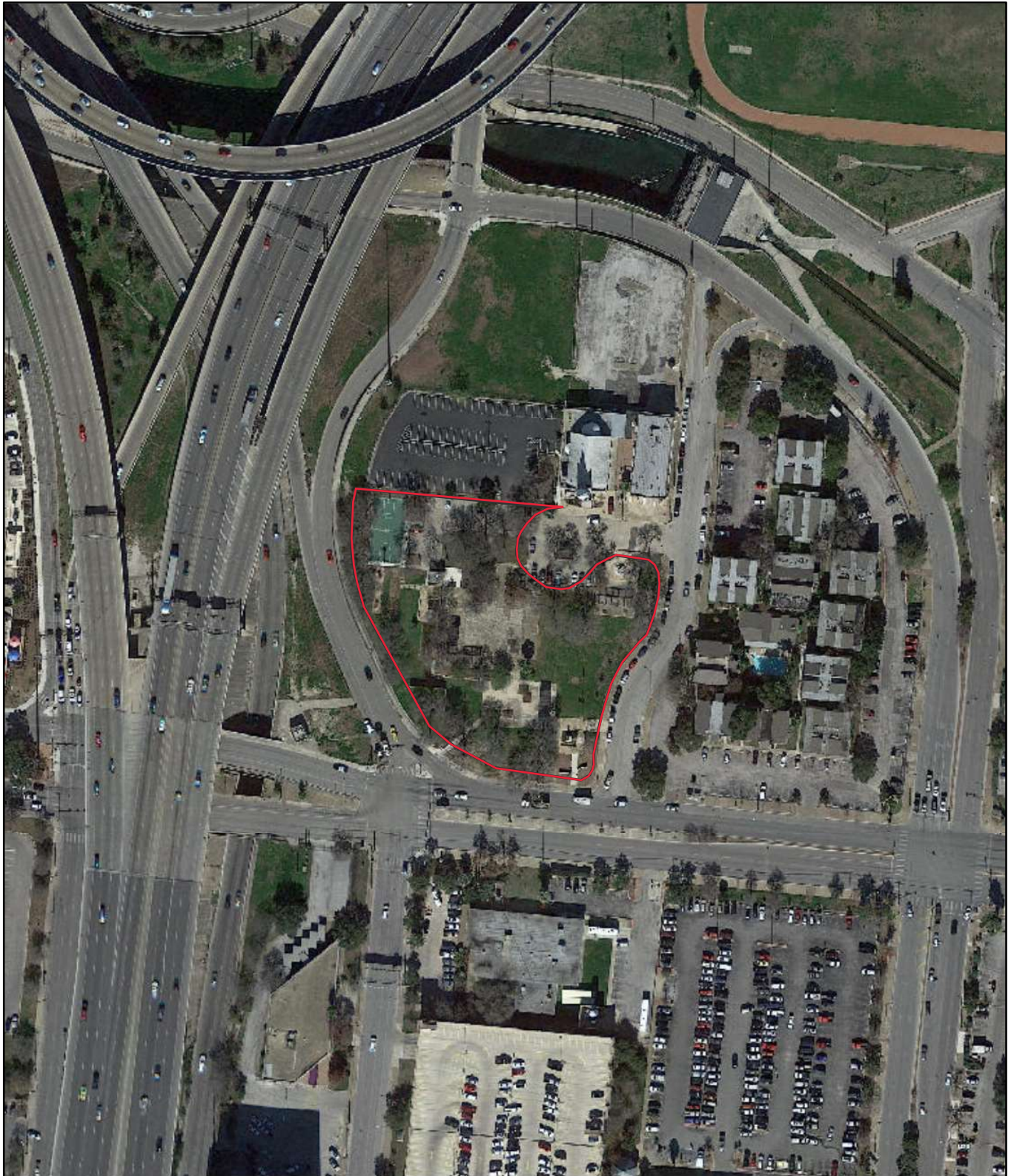
- i. RESTROOM FACILITY – The applicant has proposed to demolish the existing restroom facility and replace with a Portland Loo restroom. Staff finds the proposal generally consistent with the UDC.

**RECOMMENDATION:**

Staff recommends final approval based on findings a through i with the following stipulation:

- i. ARCHAEOLOGY – The project shall comply with all federal, state, and local laws, rules, and regulations regarding archaeology, as applicable.

# City of San Antonio One Stop



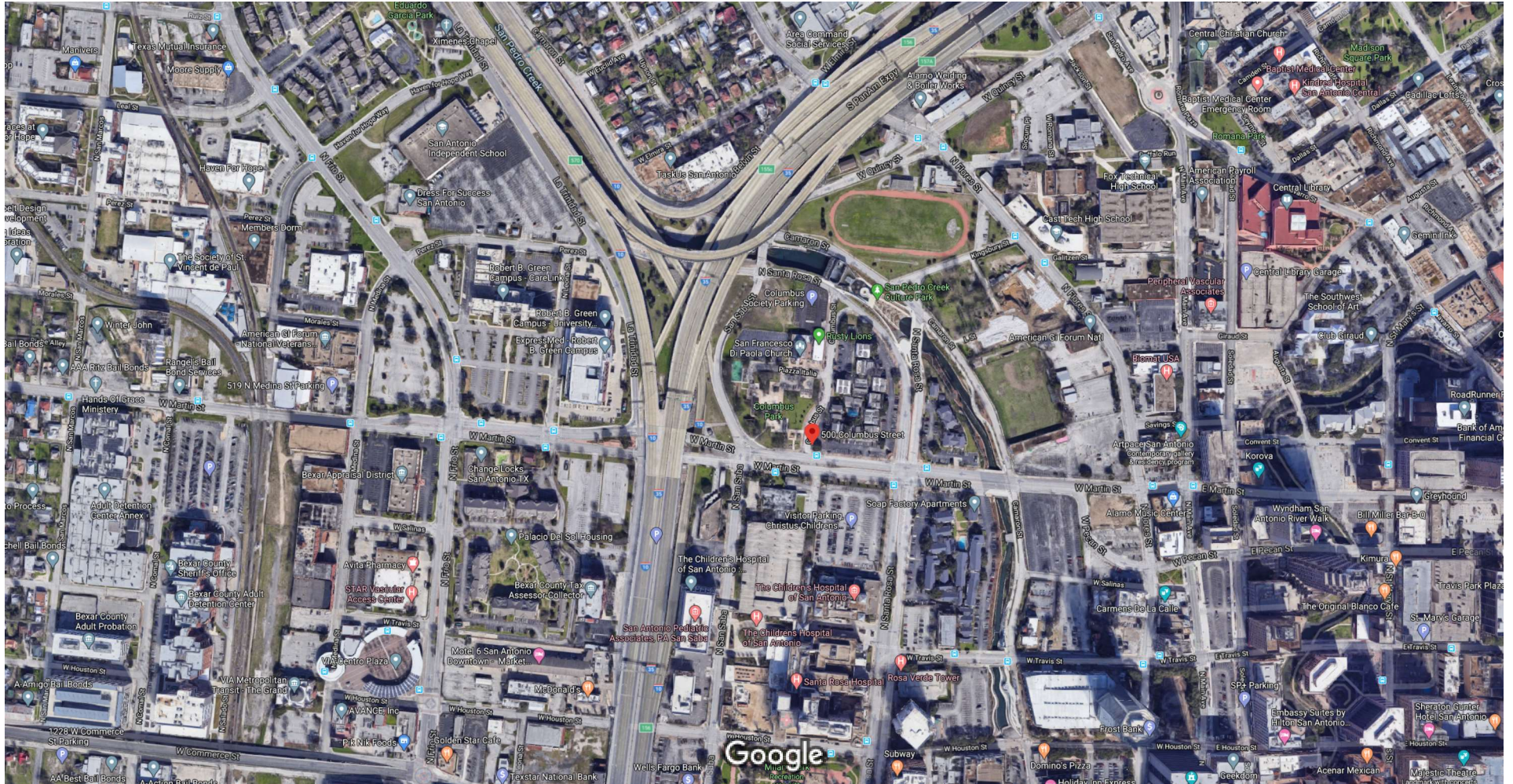
February 24, 2020

— User drawn lines

1:2,000  
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0 0.0275 0.055 0.11 km



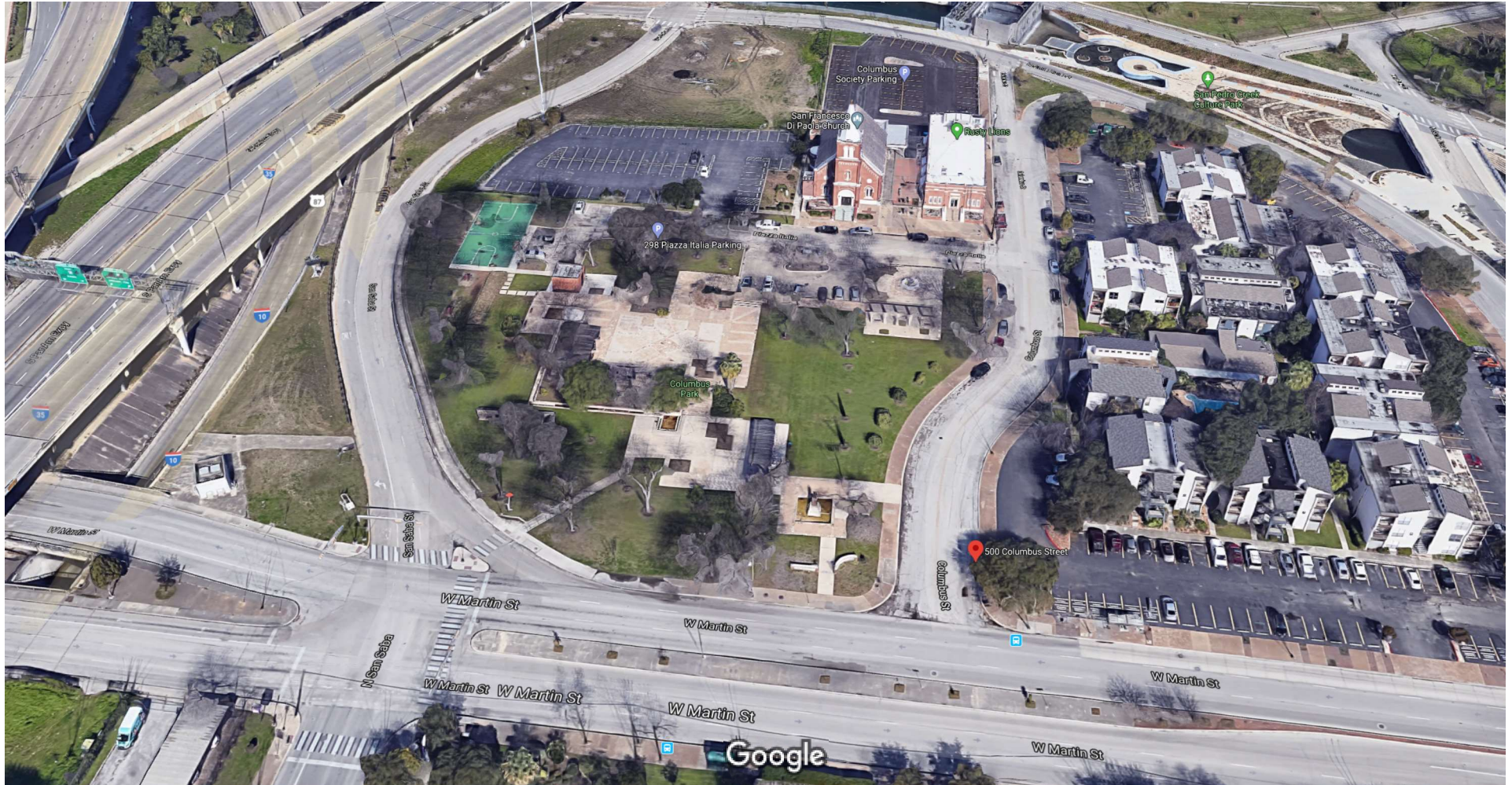
## Google Maps 500 Columbus St



Imagery ©2020 Google, Imagery ©2020 Maxar Technologies, USDA Farm Service Agency, Map data ©2020 Google 200 ft



## Google Maps 500 Columbus St



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## Google Maps 500 Columbus St



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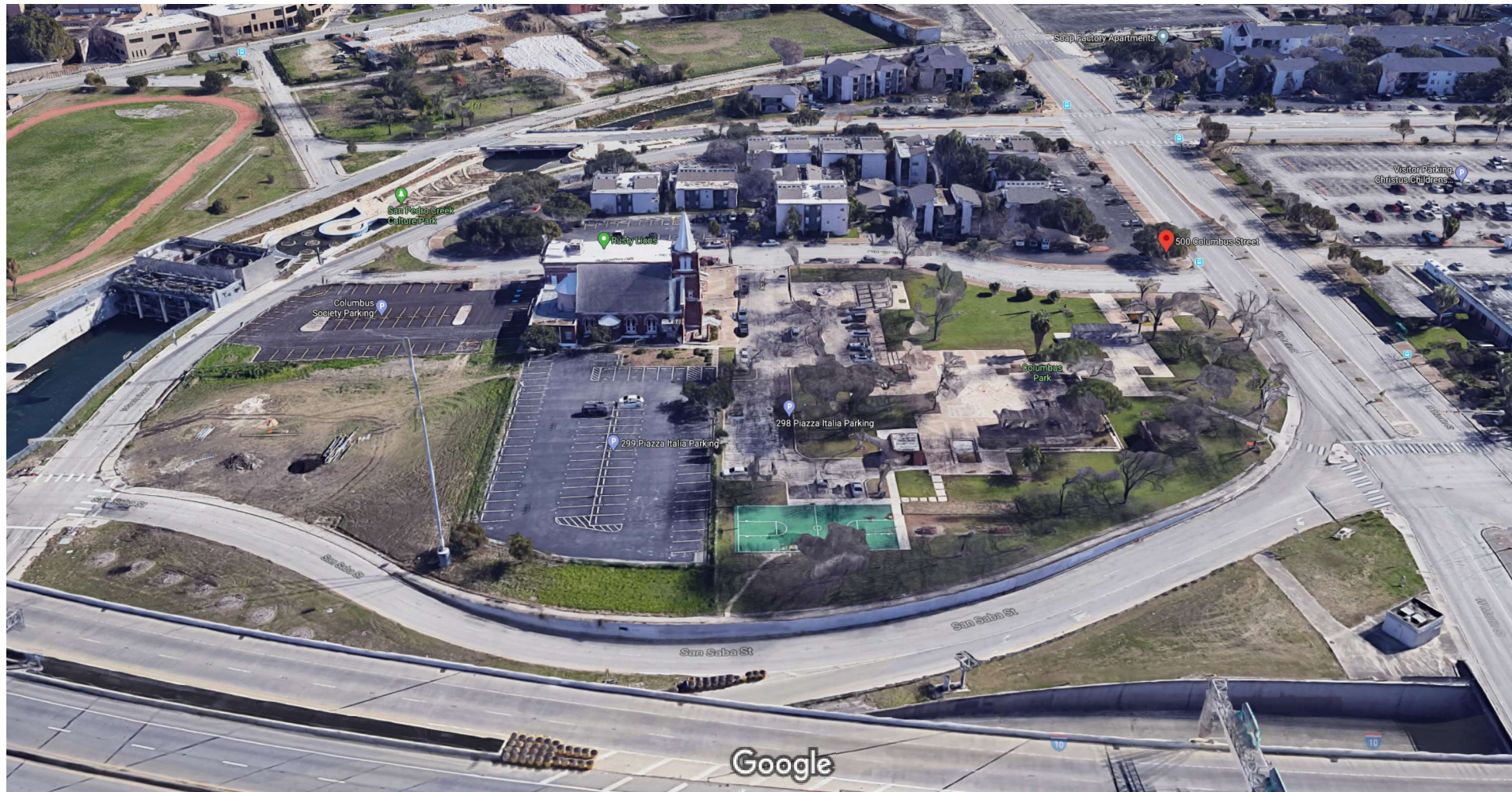
## Google Maps 500 Columbus St



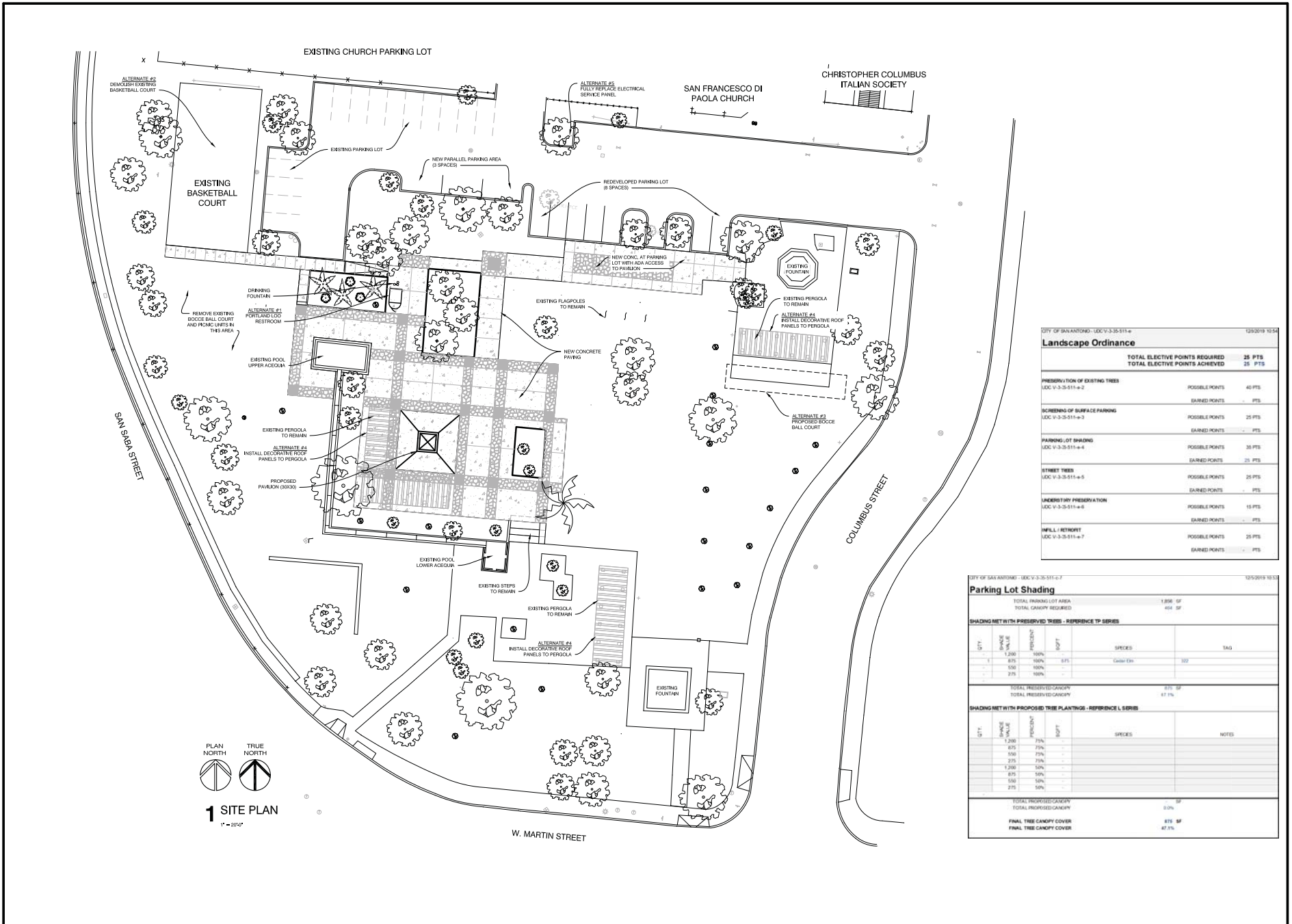
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## Google Maps 500 Columbus St



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CITY OF SAN ANTONIO - LOC V-3-35-511-a 12/20/2019 10:54

**Landscape Ordinance**

| TOTAL ELECTIVE POINTS REQUIRED | 25 PTS |
|--------------------------------|--------|
| TOTAL ELECTIVE POINTS ACHIEVED | 25 PTS |

|   |                        |                      |
|---|------------------------|----------------------|
| <b>PRESERVATION OF EXISTING TREES</b><br>LOC V-3-35-511-a-2 | POSSIBLE POINTS 40 PTS | EARNED POINTS - PTS  |
| <b>SCREENING OF SURFACE PARKING</b><br>LOC V-3-35-511-a-3   | POSSIBLE POINTS 25 PTS | EARNED POINTS - PTS  |
| <b>PARKING LOT SHADING</b><br>LOC V-3-35-511-a-4            | POSSIBLE POINTS 30 PTS | EARNED POINTS 21 PTS |
| <b>STREET TREES</b><br>LOC V-3-35-511-a-5                   | POSSIBLE POINTS 25 PTS | EARNED POINTS - PTS  |
| <b>UNDERSTORY PRESERVATION</b><br>LOC V-3-35-511-a-6        | POSSIBLE POINTS 15 PTS | EARNED POINTS - PTS  |
| <b>HWY / RETENOT</b><br>LOC V-3-35-511-a-7                  | POSSIBLE POINTS 25 PTS | EARNED POINTS - PTS  |

CITY OF SAN ANTONIO - LOC V-3-35-511-a-7 12/20/2019 10:53

**Parking Lot Shading**

|                        |          |
|------------------------|----------|
| TOTAL PARKING LOT AREA | 1,000 SF |
| TOTAL CANOPY REQUIRED  | 404 SF   |

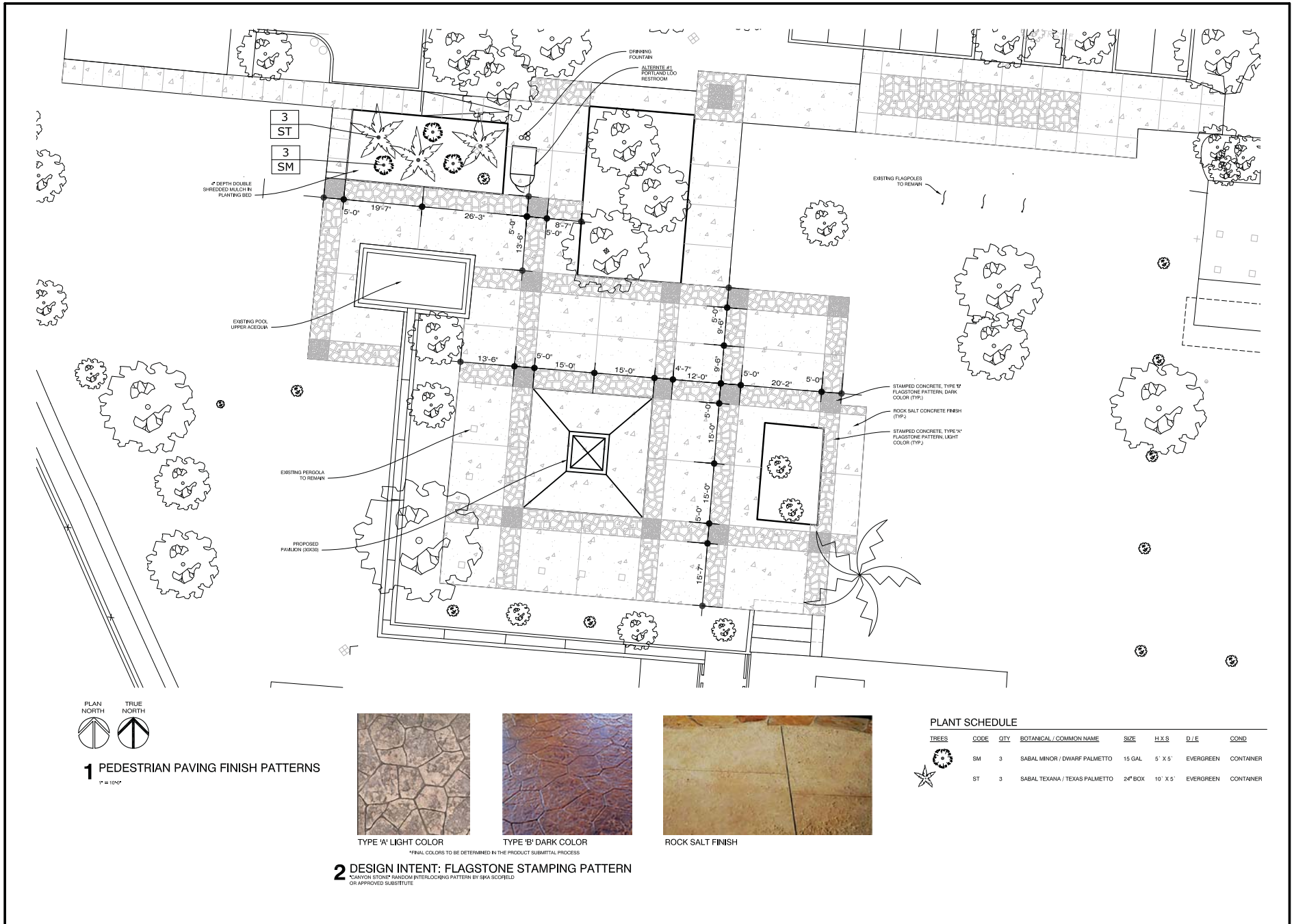
**SHADING MET WITH PRESERVED TREES - REFERENCE TO SERIES**

| QTY.                   | TRUNK DIAMETER | PERCENT | HEIGHT | SPECIES    | TAG |
|------------------------|----------------|---------|--------|------------|-----|
| 1                      | 1,200          | 100%    | 0.5%   | Golden Elm | 302 |
| 1                      | 875            | 100%    | 0.5%   | Golden Elm | 302 |
| 1                      | 560            | 100%    | 0.5%   | Golden Elm | 302 |
| 1                      | 275            | 100%    | 0.5%   | Golden Elm | 302 |
| TOTAL PRESERVED CANOPY | 370 SF         |         |        |            |     |
| TOTAL PRESERVED CANOPY | 87.1%          |         |        |            |     |

**SHADING MET WITH PROPOSED TREE PLANTINGS - REFERENCE L SERIES**

| QTY.                    | TRUNK DIAMETER | PERCENT | HEIGHT | SPECIES | NOTES |
|-------------------------|----------------|---------|--------|---------|-------|
| 1,200                   | 75%            |         |        |         |       |
| 875                     | 75%            |         |        |         |       |
| 560                     | 75%            |         |        |         |       |
| 275                     | 75%            |         |        |         |       |
| 1,200                   | 50%            |         |        |         |       |
| 875                     | 50%            |         |        |         |       |
| 560                     | 50%            |         |        |         |       |
| 275                     | 50%            |         |        |         |       |
| TOTAL PROPOSED CANOPY   | 0.0%           |         |        |         |       |
| TOTAL PROPOSED CANOPY   | 0.0%           |         |        |         |       |
| FINAL TREE CANOPY COVER | 87.1%          |         |        |         |       |
| FINAL TREE CANOPY COVER | 87.1%          |         |        |         |       |

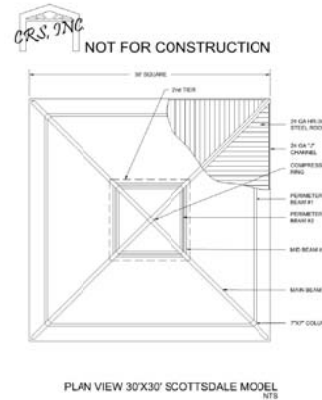




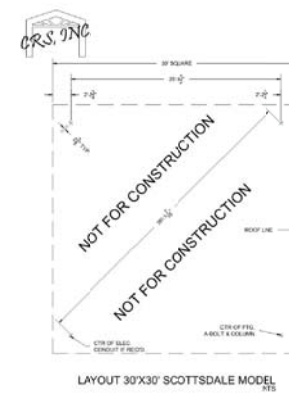


SCOTTSDALE PAVILION STYLE EXAMPLE

# 1 PREFABRICATED STEEL PAVILION N.T.S.



PLAN VIEW 30'X30' SCOTTSDALE MODEL  
N.T.S.



LAYOUT 30'X30' SCOTTSDALE MODEL  
N.T.S.

## 2 PAVILION - PLAN VIEW N.T.S.

## 3 PAVILION LAYOUT N.T.S.

Roof Dimensions: 30'0\"/>

Columns shall be 7.5\"/>



ADJUST FTG. DEPTH FOR  
LOCAL FROST CONDITIONS

NOTE: FOR ILLUSTRATION ONLY!!  
FOOTING SIZE MAY CHANGE W/  
STRUCTURAL ENGINEERING



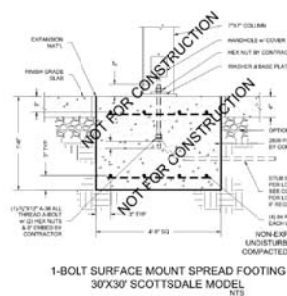
ADJUST FTG. DEPTH FOR  
LOCAL FROST CONDITIONS

NOTE: FOR ILLUSTRATION ONLY!!  
FOOTING SIZE MAY CHANGE W/  
STRUCTURAL ENGINEERING

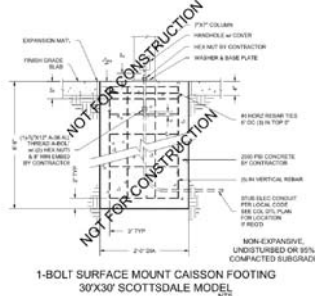


ELEVATION 30'X30' SCOTTSDALE MODEL  
N.T.S.

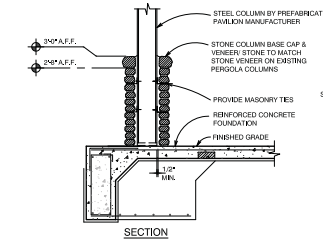
## 4 PAVILION ELEVATION N.T.S.



## 5 SURFACE MOUNT SPREAD FOOTING N.T.S.

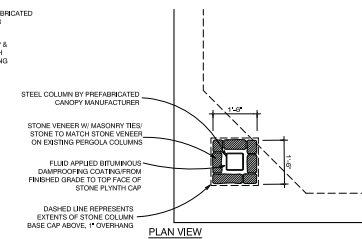


## 6 SURFACE MOUNT CAISSON FOOTING N.T.S.



SECTION

## 7 STONE WRAPPED PAVILION COLUMN AT TYPICAL COLUMN BASE 1/2\"/>



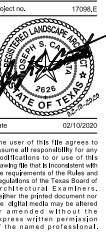
PLAN VIEW

## 8 STONE WRAPPED PAVILION COLUMN AT TYPICAL COLUMN BASE 1/2\"/>

**CODE SUMMARY ANALYSIS:**

1. APPLICABLE CODES OR ORDINANCES
  - a. 2018 INTERNATIONAL BUILDING CODE WITH CITY OF SAN ANTONIO AMENDMENTS
  - b. 2018 INTERNATIONAL FIRE CODE WITH CITY OF SAN ANTONIO AMENDMENTS
  - c. 2018 INTERNATIONAL PLUMBING CODE WITH CITY OF SAN ANTONIO AMENDMENTS
  - d. 2018 INTERNATIONAL MECHANICAL CODE WITH CITY OF SAN ANTONIO AMENDMENTS
  - e. 2017 NATIONAL ELECTRICAL CODE WITH CITY OF SAN ANTONIO AMENDMENTS
  - f. CITY OF SAN ANTONIO UNIFIED DEVELOPMENT CODE, MOST CURRENT EDITION
  - g. 2008 INTERNATIONAL ENERGY CONSERVATION CODE WITH CITY OF SAN ANTONIO AMENDMENTS
2. ADDITIONAL CODE INFORMATION (OPEN AIR PREFABRICATED STEEL PAVILION)
  - a. OCCUPANCY TYPE: ASSEMBLY A3
  - b. CONSTRUCTION TYPE: 2B (OPEN AIR PREFABRICATED STEEL PAVILION)
  - c. FLOOR AREA: 900 SF

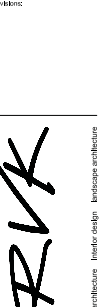
NOTE:  
CONTRACTOR RESPONSIBLE TO SUBMIT FINAL SIGNED SHOP  
DRAWINGS FOR FINAL APPROVAL BY LANDSCAPE ARCHITECT  
AS WELL AS FINAL COSA PERMIT APPROVAL.



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downtown parks package

**Columbus Park Improvements**  
500 Columbus St.  
San Antonio, TX



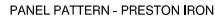
745 e mulberry ave suite 601  
san antonio texas 78212  
telephone: 210.733.3535  
web: www.rvk-architect.com

construction documents

**L-102**

PAVILION DETAILS





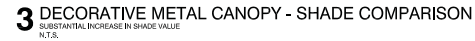
#### 4 DECORATIVE METAL CANOPY - PARTIAL LAYOUT SHOWN



- ## 7 4' BENCH WITH BACKREST

date 02/10/2020

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## 6 BOCCE BALL COURT DETAIL - ALTERNATE #3

## **Columbus Park Improvements**

### **Description:**

Demolish existing basketball court, reconstruct existing parking, demolish existing concrete pavement, new concrete pavement, replace existing benches, construct bocce ball court, plant trees, install prefabricated steel pavilion, security lighting, install decorative metal panels to existing pergola's, demolish existing restroom building, install Portland Loo restroom, install drinking fountain, replace electrical service.

The pavilion will be dark green powder coated steel frame with a black metal roof.

The decorative metal panels will be added to the top of the existing pergola structures. This will provide a substantial increase in shade provided as well as an increased aesthetic. The panels are very light weight non-structural nor intended as roofing in a traditional sense. They are 1/16" thick and black in color. They are intended for added aesthetics and increased shade only.











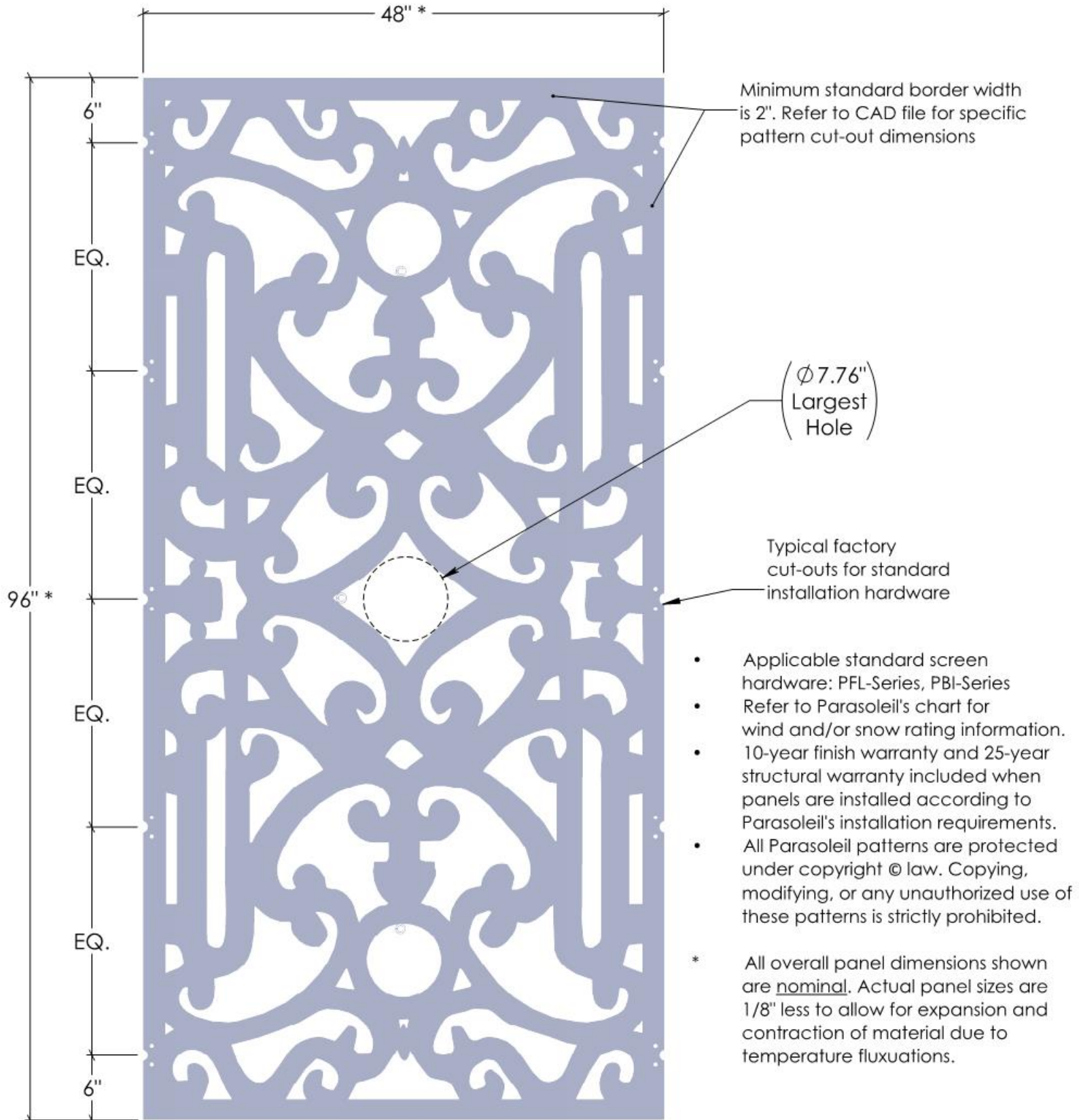
# Parasoleil

Screen / Standard / 4' x 8'

SKU# PRI-N1-1607

**PRESTON IRON (PRI)**

33% Open (as shown)



**CDB 300 Bench**  
**BNCD-4-BR-W**

CANTERBURY  DESIGNS

5632 W. Washington Blvd. | Los Angeles, CA 90016 | 323.936.7111  
Website: [www.canterbury-designs.com](http://www.canterbury-designs.com) | E-mail: [info@canterbury-designs.com](mailto:info@canterbury-designs.com)

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## SCOTTSDALE MODEL

30' X 30'

### SPECIFICATIONS

#### Dimensions:

|                                      |                         |
|--------------------------------------|-------------------------|
| Roof Dimensions                      | 30'-0" x 30'-0"         |
| Column Dimensions (Center to Center) | 25'-6 1/2" x 25'-6 1/2" |
| Minimum Clearance                    | 8'-0"                   |
| Roof Height @ Peak                   | ±14'-6"                 |
| Hip Roof                             | 4:12 pitch              |
| Square Feet Under Roof               | ±900                    |
| Date of drawing                      | January 29, 2019        |

Columns shall be 7"x 7" steel tube, minimum .188" wall thickness.

All beams shall be structural steel tube sized according to engineering.

All bolts shall be A-307 or A-325 and hidden at all connections.

Roofing shall be 24 gauge HR-36 steel pre-cut and pre-finished with ribs running with the slope of the roof.

Trim shall be 24 gauge pre-finished to match roofing.

Fascia trim on lower tier shall be 3 1/2" x 3 1/2" 24 gauge.

Fascia trim on 2<sup>nd</sup> tier shall be 24 gauge 1 1/2" "J" channel.

Open or welded "C" channel, "I" beams, "S" or "Z" purlins or angle iron shall not be allowed.

11875 East Berry Drive, Dewey, Arizona 86327

Phone: (928) 775-3307 Fax: (928) 772-0858

[info@classicrecreation.com](mailto:info@classicrecreation.com)

[www.classicrecreation.com](http://www.classicrecreation.com)





## STANDARD SPECIFICATIONS

w/ ZINC RICH PRIMER & TGIC POWDER COAT PAINT

### **GENERAL:**

1. All structures shall be designed and fabricated to the IBC (Latest Edition) or current local building code with standard load designs of the greater value of 20# per S.F. minimum live load and 115 mph sustained wind load or site specific conditions and the applicable zone for seismic loads.
2. All members shall be designed according to the "American Institute of Steel Construction (AISC) specifications and the American Iron and Steel Institute (AISI) specifications for cold-formed members.
3. All fabrication welds shall be in strict accordance with the structural welding code of the American Welding Society (AWS) specifications. All structural welds shall be in compliance with the requirements of "Pre-qualified" welded joints. All welding shall conform to ASTM A-233 series E-70XX electrodes - low hydrogen.  
*Field welding shall not be required.*
4. When required, after award of bid, the shade structure manufacturer shall submit structural calculations, sealed by a registered engineer in the state in which the structure is to be erected for review and approval by the approving agency.
5. Manufacturer qualifications: All manufacturers shall have a minimum of (20) twenty years experience in the fabrication of tubular steel shade structures. Shade structure and kiosk fabrication shall be the manufacturer's primary business. Manufacturer shall have fabricated similar structures to that which is specified. All non-specified manufacturers shall submit complete shop drawings indicating type, size & gauge of material used, with detailed connections to the specifying agency or design firm at least 10 days prior to bid opening for review and written pre-approval. All bids submitted without prior approval will be rejected.

### **FOOTINGS & COLUMNS:**

1. Footings shall be structurally engineered by the structure manufacturer to meet local codes and site conditions. (Sample footing drawings shall be made available to the contractor or owner from the manufacturer). When required for structure installation, anchor bolts shall be supplied by the owner / contractor. Columns shall be ASTM 500 grade B. Concrete footing rebar (if required) shall be ASTM A-615 grade 40 #4 bars & smaller, grade 60 #5 bars & larger. Concrete shall be 5 sack mix "Portland" cement. Maximum slump shall not exceed 4". Concrete compressive strength shall be a minimum of 2500 psi @ 28 days.



### FRAME MEMBERS AND COMPRESSION RING:

1. 90% American (domestic) made steel shall be used in the construction of this shelter. Mill certification shall be made available upon request. All frame members shall be one piece structural steel tube with a minimum .120 (1/8") wall thickness, sized according to engineering. All frame members shall be bolted together with bolts totally concealed. All tubing for frame members shall be ASTM 500 grade B. Beam end plates shall be ASTM A36 fy=36,000 psi UNO. Bolts shall be A 307's, or 325's unless noted otherwise. *"I" beams, Angle iron, "C", "Z" or "S" purlins or beams, open or closed, shall not be allowed.*

### ROOFING:

All roofing shall be 24 gauge Zincalume / Galvalume coated steel panels, ICBO #ER-2757. "HR-36" panels shall be 36" wide with 1½" high ribs @ 7.2" o.c. All roofing shall be pre-finished with PVF2 (Polyvinylidene Fluoride) Kynar 500 on the top side. All roof panels shall be pre-cut with ribs running with the slope of the roof. Roof fascia trim shall be 3½" square 24 gauge Zincalume / Galvalume coated pre-finished matching the roof color. 2<sup>nd</sup> tier fascia trim shall be 1½" "J" channel 24 gauge Zincalume / Galvalume coated pre-finished matching the roof color. Screws & rivets shall match roof color. No exceptions taken for roof type.

### POWDER COATING:

1. All frame members shall be media blasted to a white finish removing all rust, scale, oil and grease. Powder coating for all frame members shall be provisionally warranted for (5) five years with **TRUZINC** 7520-70138 primer with a Dry Film Thickness of (2.0 - 6.0 mils) & hardness of 2H-3H with a Salt Spray Resistance of **6000 hours** and **Super Durable Gloss Polyester 9000** series finish paint (2.5-3.5 mils) with a hardness of H-H2 & has **1000 hour** salt spray resistance. Total of primer & finish paint shall be 4.5-9.5 mils of paint. Finish shall be a smooth uniform surface with no pits, runs or sags. For additional information, please visit <http://www.tcipowder.com/> for a complete list of specifications.

### ERECTION:

1. Manufacturer shall supply complete layout and detail plans with installation instructions for the structure. The structure shall be erected in a work-man-like manner with framing, roofing and trim installed according to the manufacturer's installation instructions. Care shall be taken to avoid damaging the structure during installation. Touch up powder coat paint with paint provided to prevent rusting. Components of the structure shall be covered and kept dry prior to erection.

### WARRANTEE:

1. Manufacturer shall warranty the structure to be free from defects in material and work-man-ship for a period of (10) ten years from date of acceptance by owner. Warranty does not include damage from theft, fire, vandalism or acts of God. Manufacturer shall repair or replace structure components of like kind at his option, to match existing material and workmanship. Steel roof finish shall be warranted for (30) thirty years under a separate roof manufacturer's warranty. Powder coat paint shall be warranted for (5) five years after acceptance from owner against peeling, flaking and rusting. Warranty does not cover damage caused from shipping, erection of structure, lack of touchup and maintenance, overspray from lawn sprinklers or vandalism. Bolt threads are not powder coated and therefore are not covered under the powder coat warranty.

*NOTE: Engineering specifications take precedence over drawings if differences occur.*



**Section 057000**  
**DECORATIVE METAL**

**PART 1 – GENERAL**

**1.1 SUMMARY**

- A. This Section includes Decorative Metal as shown on drawings and schedules
- B. Drawings and general provisions of the Contract Documents apply to work of this section.

**1.2 SUBMITTALS**

- A. Shop drawings indicating quantities, dimensions, finishes, and attachment details.
- B. Product literature and samples for each color, pattern, and finish as indicated.

**1.3 QUALITY ASSURANCE**

- A. Manufacturer shall have a minimum of 5 years experience in manufacturing decorative metals for commercial use.

**1.4 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials to the project site in manufacturer's original packaging, properly labeled for identification and installation purposes.
- B. Store in location to avoid damage from job-site traffic, direct sunlight, moisture, stacking or other job-site contaminants. Store in a completely supported flat position. Edge storage is not recommended.
- C. Handle components to avoid denting or scratching of finished surfaces.
- E. DO NOT use markers on protective PVC film. Some types of ink will permeate the film and mark the material surface.

**1.5 PROJECT CONDITIONS**

- A. Maintain a constant temperature range of 65°F to 85°F (18°C to 24°C), with stable relative humidity, for at least 48 hours prior to, throughout the installation period and maintained consistently thereafter.
- B. Installation locations must be enclosed, weatherproofed and climate controlled prior to commencing installation.
- C. Do not install if relative humidity is greater than 80%.

**1.6 WARRANTY**

- A. Provide manufacturers warranty against defects in material and workmanship.

## **PART 2 – PRODUCTS**

### **2.1 MANUFACTURER**

- A. Parasoleil  
6310 W 91<sup>st</sup> Avenue suite 100  
Westminister Colorado 80031  
303-589-4524

### **2.2 METALS**

- A. **Laser Cut Aluminum parasoleil**
  - 1. 1/16” thick Aluminum: Type 5052 alloy complying with ASTM B209
  - 2. Sizes: 4’x8’ 4’ x 5’ standard sizes
  - 3. [Preston Iron](#)
  - 4. [Black Licorice](#)

## **EXECUTION**

### **3.1 EXAMINATION**

- A. Examine product, substrates and installation conditions.
- B. Notify the contractor and architect in writing of any conditions detrimental to the proper and timely completion of the installation.
- C. Do not proceed with work until conditions have been corrected.

### **3.2 SURFACE PREPARATION**

- A. Prior to installation, clean surface to remove dirt, debris and loose particles. Perform additional preparation procedures as required per the manufacturer’s instructions.
- B. Protection: Take all necessary precautions to prevent damage to materials during installation.

### **3.3 INSTALLATION**

- A. Install the work of this section in strict accordance with manufactures written Technical Information and workability guidelines

### **3.4 CLEANING**

- A. Remove protective coverings and clean decorative metal to remove adhesives and tape residue. Test all solvents on non-exposed surfaces prior to use.
  - 1. For painted surfaces, use a mild detergent solution on a soft cloth.
  - 2. For stainless steel, use a glass cleaner and a soft cloth.
  - 3. For other surfaces, contact manufacturer for proper cleaning procedures.



4. For HEAVY CLEANING and removal of grease, use oil based mineral spirits or naphtha. Low concentration ammonia based cleaning agents such as glass cleaners may also be used.
  5. Minor scuffs can be polished out by hand with a #6 to #9 type finishing polish or wax.
  6. DO NOT treat with rubbing compounds or lacquer thinner as this may dissolve or etch the coating.
- B. Visually inspect all exposed surfaces for scratches or blemishes.
  - C. Protect Decorative Metal from damage during remainder of construction period.

END OF SECTION