



Design Review Board

November 28, 2018

5:30-7:30 PM

City Council Briefing Center

TIMES GIVEN ARE AN ESTIMATE AND ARE SUBJECT TO CHANGE

Board Briefing Session:

5:30 - 5:35	1) Chair Report	Steven Meek
	2) Secretary Report	Dean Gunderson

Board Business:

5:35 – 5:40	3) Approve the November 14, 2018, meeting minutes.	
	4) Old Business	
	a. Ratify votes taken at November 14 th meeting	Steven Meek
	5) New Business	
	6) Changes to the agenda	

Workshop:

5:40 – 7:00	7) Riverfront Park / North Bank – Collaborative Workshop	Dean Gunderson
	8) Southeast Sport Complex – Recommendation Meeting	Alex Mann

Adjournment:

The next Design Review Board meeting is scheduled for December 12, 2018.

The password for City of Spokane Guest Wireless access has been changed:

Username: COS Guest Password:

AMERICANS WITH DISABILITIES ACT (ADA) INFORMATION: The City of Spokane is committed to providing equal access to its facilities, programs and services for persons with disabilities. The Council Briefing Center in the lower level of Spokane City Hall, 808 W. Spokane Falls Blvd., is wheelchair accessible and also is equipped with an infrared assistive listening system for persons with hearing loss. Headsets may be checked out (upon presentation of picture I.D.) through the meeting organizer. Individuals requesting reasonable accommodations or further information may call, write, or email Human Resources at 509.625.6363, 808 W. Spokane Falls Blvd, Spokane, WA, 99201; or jjackson@spokanecity.org. Persons who are deaf or hard of hearing may contact Human Resources through the Washington Relay Service at 7-1-1. Please contact us forty-eight (48) hours before the meeting date.

Meeting Rules of Procedure - Spokane Design Review Board

Call to Order

- Chair calls the meeting to order, noting the date and time of the meeting.
- Chair asks for roll call for attendance.

Board Briefing

- Chair Report – Chair gives a report.
- Secretary Report – Sr. Urban Designer gives a report.

Board Business

- Meeting Minutes - Chair asks for comments on the minutes of the last meeting; Asks for a motion to approve the minutes.
- Chair asks is there any old business? Any old business is discussed.
- Chair asks is there any new business? Any new business is discussed.
- Chair asks if there any changes to the agenda.

Board Workshop

- Chair announces the first project to be reviewed and notes the following: a) the Board will consider the design of the proposal as viewed from the surrounding public realm; b) the Board does not consider traffic impacts in the surrounding area or make recommendations on the appropriateness of a proposed land use; c) it is the applicant's responsibility to meet all applicable code requirements regardless of what might be presented or discussed during workshops.
- Chair asks for a staff report.

Staff Report

- Staff report on the item, giving findings of fact. Presentation will be kept to 5-10 minutes.

Applicant Presentation

- Chair invites the applicant(s) to sit at the table and invites the applicant to introduce the project team and make a 10-15 minute presentation on the project.

Public Comment*

- Chair asks if there are comments from other interested parties – comments shall be kept to 3 minutes, and confined to the design elements of the project.
- Chair reads any written comments submitted by interested citizens.

** Contact Planning Department staff after the meeting for additional opportunities to comment on the proposal.*

DRB Clarification

- Chair may request clarification on comments.

Design Review Board Discussion

- Chair will ask the applicants whether they wish to respond to any public comments, after their response (if any) they are to return to their seats in the audience.
- The Chair will formally close public comments.
- Chair leads discussion amongst the DRB members regarding the staff recommendations, applicable design criteria, identification of key issues, and any proposed design departures.

Design Review Board Motions

- Chair asks whether the DRB is ready to make a motion.
- Upon hearing a motion, Chair asks for a second. Staff will record the motion in writing.
- Chair asks for discussion on the motion.
- Chair asks the applicant if they would like to respond to the motion.
- After discussion, Chair asks for a vote.

Design Review Board Follow-up

- Applicant is advised that they may stay or leave the meeting.
- Next agenda item announced.

Other

- Chair asks board members and audience if there is anything else.

Adjourn

- Chair asks for a motion to adjourn. After the motion is seconded, and approved by vote, Chair announces that the meeting is adjourned, noting the time of the adjournment.

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Design Review Board – Meeting Minutes

November 14, 2018

Meeting called to order at 5:30 PM

Attendance

- Board Members Present: Alex Maxwell, Anne Hanenburg, Charlene Kay, Kathy Lang (CA Liaison)
- Board Members Not Present: Ryan Leong, Steven Meek – Chair, Dave Buescher – Vice-Chair, Ted Teske
- Quorum present: No
- Staff Present: Dean Gunderson, Senior Urban Designer; Alex Mann, Urban Designer

Briefing Session:

1. **Chair Report:** Due to Chair & Vice-Chair absence, Dean will serve as Interim Chair
2. **Secretary Report:** None
3. **Approval of Minutes:** Motion to approve meeting minutes for October 24, 2018, and November 7, 2018, made by Kathy, seconded by Anne. Motion tentatively passed 4/0, Interim Chair abstained. *(Due to no quorum present, motion will be ratified at next meeting).*
4. **Old Business:** None
5. **New Business:**
 - Applications for new members discussed and there are interested parties. Mayor's office has been notified that there are vacancies. Anne and Alex indicated interest in participating in interviews.
 - Upcoming agenda items include a Recommendation Meeting for the SE Sports Complex and a Collaborative Workshop for the North Bank Playfield on November 28. In December the final recommendation meeting for The Falls project is likely.
6. **Changes to the Agenda:** None.

Workshop:

7. **The Guilds' School & Neuromuscular Center**
 - Staff report: Alex Mann; Neighborhood & Planning Services
 - Public Comment: Peter Cooper
 - Applicant Report: Bill Bauten, Bauten Construction; Colleen Fuchs, Spokane Guilds' School; Jeani Natwick, NAC Architecture; Dick Boysen, Spokane Guilds' School; Ryan Palmquist, NAC Architecture; Teresa Conway, Spokane Guilds' School
 - Questions asked and answered

Motion to Approve Advisory Actions made by Anne, seconded by Alex. Approved unanimously 4/0, Interim Chair abstained. *(Applicant notified this is not official until ratified by a quorum).*

Meeting adjourned at 8:08 p.m.

The next regularly scheduled Design Review Board meeting is scheduled for **November 28, 2018**

Southeast Sports Complex Phase I

2 - RECOMMENDATION MEETING

Design Review Staff Report

November 21, 2018


Staff:

Alex Mann, Urban Designer
Dean Gunderson, Senior Urban Designer

Planning & Development Services Department

Applicants:

Nick Hamad, PLA
City of Spokane
Parks and Recreation Department

Michael Terrell
Michael Terrell Landscape Architecture, PLLC

Background

The Design Review Board Collaborative Workshops were held on August 17, 2018.

The following materials are supplemental to this report:

- *Design Review Board | Collaborative Workshop Recommendation, Aug. 22, 2018;*
- *Design Review Staff Report | Program Review/Collaborative Workshop, Aug. 17, 2018;*

Topics for Discussion

During the workshop, the applicant is encouraged to please describe changes to the design since the Collaborative Workshop/Program Review including any changes made in response to recommendations offered by the Design Review Board on August 22, 2018 as follows (Applicant responses are highlighted in red, from November 1, 2018 submittal) (Staff comments are highlighted in blue):

1. The applicant shall consider relocating the restroom from 46th Avenue to decrease the visual impact to residences that face the park opposite the avenue.

The restroom has been relocated to the Altamont Street frontage. This location was reviewed with the neighborhood at the two neighborhood meetings. (See applicant memo, page 2)

Per discussion with the applicant, the restroom relocation was identified by a neighbor at the DRB meeting and discussed at the two neighborhood meetings.

2. The applicant shall explore opportunities to provide better connection between the amenities provided in the neighborhood park and the recreational fields.

The design includes the addition of 12' wide trail along 46th in addition to the trail section along Altamont to complete the connectivity envisioned in the Southgate Neighborhood Connectivity Master Plan. (See applicant submittal, page 3)

3. The applicant shall further define the playground theme and design, through a more robust engagement with the neighborhood.

The Playground theme and style was reviewed and refined during two meetings with the neighborhood. Voting boards and comment sheets were reviewed and the design revised based on neighborhood input. The design of the playground theme, pieces and colors, were presented to the Neighborhood during the October neighborhood meeting. (See applicant submittal, page 3)

In discussion with the applicant, the following clarifications were provided:

- The feedback received from the neighborhood primarily focused upon the pavement of existing unpaved streets, the provision of street parking, and the selection of playground equipment and the overall play area aesthetic.

- The feedback from the neighborhood during the Master Planning process and the two most recent meetings identified the following priorities:
 1. Pave existing unpaved portion of 46th Avenue and Altamont Street.
 2. Provide additional parking for the sports complex.
 3. Improvement of the playground with a splashpad
 - Playground concepts were presented at the 9/5/18 neighborhood meeting. These were:
 - Sports Theme
 - Nature Theme
 - Contemporary Theme
 - Contemporary Theme received 10 out of 16 votes. See Public Meeting Summary for comments.
 4. Playground was revised for the second meeting to incorporate elements that responded to the grass prairie motif. Verbal comments were supportive of the design.
- 4. The applicant shall provide information regarding site lighting to eliminate light pollution into adjacent residential areas and to provide for defensible spaces.

The lights selected for the playground are City of Spokane Parks standard and the attached photometric plan illustrates the light extent and coverage. Typical park lighting includes a photo cell and timer set to shut the lights off at parks closing time. **(See applicant submittal, page 3)**

In discussion with the applicant, the following clarifications were provided:

- The lighting plan has been designed to account for all entrances to the park as well as full coverage for the play area.
 - A power stub for potential future light features at the future entry gateway/plaza will be provided. This wiring and stub will be sized to accommodate two future lights and an outlet.
 - Details and specifications for City Parks light standards are attached to the end of this report.
 - Electrical outlets will be provided at the large pavilion structure. There will be four lights mounted under the roof of the large pavilion.
 - The restroom structure will include exterior lights at entrances to the four family restrooms and a wall pac on the south wall adjacent to the maintenance door.
 - At a minimum, the photocell and timer system will be provided for City Parks light standards.
5. The applicant shall provide additional articulation of the restroom/pavilion structures, including (but not limited to) plans and elevations.

City of Spokane Parks standard for restrooms is a CXT building. The attached plans with elevations for the proposed restroom and shelters, as well as, the 3D drawing showing the massing and spatial relationship between elements. CXT has indicated that a brick wainscoting is available for use. Horizontal lap siding style treatment will be used above the brick wainscoting. The combination of the brick and siding is consistent with the neighborhood residential style and reflects design elements that have been indicated in preliminary discussions for the future retail project. **(See applicant submittal, page 3)**

In discussion with the applicant, the following clarifications were provided:

- The 'grass blade' motif will be limited to benches and custom gable ends for the large pavilion. The rationale for limiting this treatment to those site elements includes

compatibility with existing Parks maintenance practices, providing aesthetic flexibility in relation to the future KXLY retail development, and budgetary constraints.

- The choice of a hip roof for the smaller pavilion, rather than a gable roof to match the other structures, relates to exposure and usability. A gable roof exposes more of the shelter's underside to inclement weather and sun. The applicant finds that due to the smaller size of this shelter, it is important to provide as much cover and shade as possible to maximize usability of the pavilion.
- The image of the smaller pavilion provided in the Site Elements sheet of the submittal is meant to illustrate the black powder coating and copper penny roof finishes. The railing will not be included due to access and budgetary constraints.
- Approximately 4 to 6 City Parks standard tables will be included in the project, primarily located beneath the pavilion structures as needed. Typical bench style is shown below at Manito:



- The brick wainscoting pattern is not a standard detail for CXT restroom structures, and as such there is no as-built imagery the manufacturer can provide. A request for the manufacturer to provide an image of the horizontal lap siding pattern can be made.
 - Manufacturer-provided building color selections and patterns are attached.
6. The applicant shall further demonstrate how pedestrian paths, turnouts, and connections are made to the existing non-motorized infrastructure adjacent to the site – consistent with desirable NACTO standards and the existing Neighborhood Plan.

The applicant has reviewed WSDOT multi-use trail standards and NACTO standards for bicycle facilities. The revised plans include the addition of 12' wide trail along 46th in addition to the trail section along Altamont to complete the connectivity envisioned in the Southgate Neighborhood Connectivity Master Plan. Multi-use trail signage will be in accordance with the MUTCD. Clearances along the trail including locations of trees and signs will be accommodated. (See applicant submittal, page 3 & 4)

In discussion with the applicant, the following clarifications were provided:

- With the exception of 'No Parking' signage, no other signage is proposed for the park.
 - Street signage will be in accordance with city street standards
 - Wayfinding signage for the trail system will be developed and installed in future phases.
7. The applicant shall provide additional information regarding the provision of pedestrian amenities along/adjacent to the proposed multi-use trail (including, but not limited to, benches, public art, drinking fountains, and shading opportunities).

The revise plans and graphics provide additional information regarding the proposed amenities for this section of the trail. A 3D drawing showing the massing and spatial relationship between elements is also included. **(See applicant submittal, page 4)**

The Board's original comment specifically mentioned the trail, and amenities including but not limited to benches, public art, drinking fountains, and shading. Drawings submitted by the applicant show trees adjacent to the two site trails, a drinking fountain attached to the restroom structure, and benches at the perimeter of the play area.

In discussion with the applicant, the following clarifications were provided:

- With the exception of shade trees (see Landscape Plan), no benches or other site amenities will be provided along the trail. The trail will end at approximately the same latitude as 48th Avenue. As such, the rationale is that the trail does not currently extend near enough to the proposed play fields to warrant a seating area for viewing the fields. At the trail portion paralleling 46th Avenue, the distance for viewing the play fields is also not ideal. Seating has thus been concentrated at the playground and pavilions.
 - City parks standard picnic benches will be included under the shelters to be purchased by parks outside of this project.
8. The applicant shall further articulate the designs of the gateways into the site, in coordination with the private development to the south and the neighborhood.

Additional gateway improvement from the neighborhood to the north and west and to the development to the south will be included in future phases due to budget constraints. **(See applicant submittal, page 4)**

Within the applicant's submittal, Sheet L-1, Callout 6 denotes a stamped concrete finish for the pavement at the 'Future Entry Plaza/Gateway' on the northwest corner of the site. Sheet C-2, does not show a separation between that finish and the park's proposed interior pathways which are denoted to have a medium broom finish.

In discussion with the applicant, the following clarifications were provided:

- For this phase of the project, the pavement near the intersection of 46th Avenue and Altamont Street, where the future "plaza/gateway" is located, will be integral color, brick stamped concrete to establish the standard for gateway entrance thematic paving. The future treatment of the plaza/gateway will set the standard for future Regal Street frontage improvements along the east border of the Southeast Sports Complex..
9. The applicant shall provide appropriate, and convenient, parking opportunities for all phases of the project, in (and adjacent to) the park – with special emphasis on provisions along 46th Avenue to accommodate current and expected traffic and parking patterns.

The City of Spokane Parks Department, the Owner, and the City of Spokane has agreed to make street improvements to 46th Ave as part of the project. Parking improvements will be included in future phases. Street improvements and parking strategies were discussed with the neighborhood as well during the two meetings. **(See applicant submittal, page 4)**

In discussion with the applicant, the following clarifications were provided:

- The City Streets Department has stated that there will not be striping of parallel parking spaces included, due to the residential nature of the street.

- Parking on Altamont Street, as shown in the SE Sports Complex Master Plan, is not part of this phase will be determined in a future phase in conjunction with paving that section of Altamont Street.

Additional suggested topics for discussion by staff based on the November 1, 2018 submittal are presented below. (Further staff comments/clarifications are highlighted in blue):

1. Should the applicant provide additional clarity as to the proposed location(s) and signage type(s) to be provided?
2. Should accurate photographic examples be provided (perhaps by the manufacturer) for the CXT restroom's prefabricated horizontal lap siding façade treatment, or are the example images sufficient? Furthermore, recognizing that brick wainscoting treatment is custom and example images are likely to be unavailable from the manufacturer at this time, is the provided example image sufficient, or is further detail required?
3. Is additional clarity desired by the Board as to which site amenities are derived from the KXLY retail project's Kit of Parts?
4. Has the applicant considered the user experience for pedestrians in terms of visibility, accessibility and site circulation around the full perimeter of the play area?
 - In discussion with the applicant, the following clarifications were provided:
 - The design of the walkway from the site's northwest corner is intended to reinforce sightlines and provide a direct route to the playground for children entering from the corner.
 - The playground surface will be poured-in-place play surfacing and flush with the surrounding concrete walkway to provide pedestrian circulation and accessibility around the play structures.
 - Due to (1) the inclusion of tables and benches under the pavilions and that (2) the small pavilion cannot not be "reserved" through City Parks for group functions, it is assumed that the combination of the bench to the northwest, the two benches to the northeast, the small pavilion, and the large pavilion, combined, provide visibility of the playground from all angles.
5. With regard to Sheet C-2, should additional clarity be provided for the grading of bioretention areas and walkways? Could the applicant provide additional detail regarding culvert locations and type?
 - In discussion with the applicant, the following clarifications were provided:
 - The C-2 sheet is still in development, and the grading plan is not yet complete. However, the overall site drainage pattern and the general locations of swales and berms are known.
6. Has the applicant confirmed with the City's Urban Forestry department that Littleleaf Linden and Spire Cherry are appropriate trees for bioretention areas?
 - In discussion with the applicant, the following clarifications were provided:
 - Urban Forestry has been contacted, and they have suggested using Tupelo Tree, Amur Corktree, or Giant Dogwood as potential alternatives for trees within bioretention areas. Discussions are ongoing.
7. Has the applicant considered alternatives to grass-lined swales for proposed bioretention areas (e.g. rain garden plantings)?
 - In discussion with the applicant, the following clarifications were provided:
 - Parks Maintenance has suggested that rain garden plantings are undesirable, due to the increased maintenance requirements. The preference of Maintenance is that park swales be grass-lined.
8. Given Topic of Discussion 7, is there an opportunity for plantings within the northerly swale between the street curb and multi-use path?

- As a Staff note: There is precedence for street-side bioretention plantings (i.e. rain gardens / storm gardens). If the Streets Department were to maintain this swale, and not Parks, perhaps there is an opportunity an alternative to grass-lined swales. The question is: who will maintain that swale, and what are their maintenance capabilities?
9. If the proposed future phase work (e.g. trail extensions, splash pad, plaza/gateway entry, paving/parking on Altamont) is not part of this application, what would the Design Review Board suggest to ensure the coordinated completion of the SE Sports Complex Master Plan intent?

Note

The recommendation of the Design Review Board does not alleviate any requirements that may be imposed on this project by other City Departments including the Current Planning Section of Planning and Development Services.

Policy Basis

Spokane Municipal Codes
City of Spokane Comprehensive Plan
Southgate Neighborhood Connectivity Master Plan
Southgate Integrated Site Plan | Regal Street & Palouse Highway

Southeast Sports Complex Phase I

1 - Program Review/Collaborative Workshop

August 22, 2018



From :
Design Review Board
 Steven Meek, Chair
 c/o Dean Gunderson, DRB
 Secretary
 Planning & Development
 808 W. Spokane Falls Blvd.
 Spokane, WA 99201

To :
 Nick Hamad, PLA
 City of Spokane
 Parks and Recreation
 Department
 Michael Terrell
 Michael Terrell Landscape
 Architecture, PLLC

CC :
 Heather Trautman, Planning Director
 Tami Palmquist, Associate Planner

Based on review of the materials submitted by the applicant and discussion during the August 22, 2018 Collaborative Workshop the Design Review Board recommends the following Advisory Actions:

1. The applicant shall consider relocating the restroom from 46th Avenue to decrease the visual impact to residences that face the park opposite the avenue.
2. The applicant shall explore opportunities to provide better connection between the amenities provided in the neighborhood park and the recreational fields.
3. The applicant shall further define the playground theme and design, through a more robust engagement with the neighborhood.
4. The applicant shall provide information regarding site lighting to eliminate light pollution into adjacent residential areas and to provide for defensible spaces.
5. The applicant shall provide additional articulation of the restroom/pavilion structures, including (but not limited to) plans and elevations.
6. The applicant shall further demonstrate how pedestrian paths, turnouts, and connections are made to the existing non-motorized infrastructure adjacent to the site – consistent with desirable NACTO standards and the existing Neighborhood Plan.
7. The applicant shall provide additional information regarding the provision of pedestrian amenities along/adjacent to the proposed multi-use trail (including, but not limited to, benches, public art, drinking fountains, and shading opportunities).
8. The applicant shall further articulate the designs of the gateways into the site, in coordination with the private development to the south and the neighborhood.
9. The applicant shall provide appropriate, and convenient, parking opportunities for all phases of the project, in (and adjacent to) the park – with special emphasis on provisions along 46th Avenue to accommodate current and expected traffic and parking patterns.

Steven Meek, Chair, Design Review Board

Note: Supplementary information, audio tape and meeting summary are on file with City of Spokane Design Review Board.

Southeast Sports Complex Phase I

1 - Program Review/Collaborative Workshop

Design Review Staff Report

8.17.2018


Staff:

Dean Gunderson, Senior Urban Designer
Omar Akkari, Urban Designer

Planning & Development Services Department

Applicants:

Nick Hamad, PLA
City of Spokane
Parks and Recreation Department

Michael Terrell
Michael Terrell Landscape Architecture, PLLC

Design Review Board Authority

Spokane Municipal Code [Chapter 04.13](#) Design Review Board

A. Purpose. The design review board is hereby established to:

1. improve communication and participation among developers, neighbors and the City early in the design and siting of new development subject to design review under the Spokane Municipal Code;
2. ensure that projects subject to design review under the Spokane Municipal Code are consistent with adopted design guidelines and help implement the City's Comprehensive Plan.
3. advocate for the aesthetic quality of Spokane's public realm;
4. encourage design and site planning that responds to context, enhances pedestrian characteristics, considers sustainable design practices, and helps make Spokane a desirable place to live, work and visit.
5. provide flexibility in the application of development standards as allowed through development standard departures; and
6. ensure that public facilities and projects within the City's right of way:
 - a. wisely allocate the City's resources,
 - b. serve as models of design quality

Under SMC [Section 17G.040.020](#) **Design Review Board Authority**, all public projects or structures are subject to design review. Recommendations of the Design Review Board must be consistent with regulatory requirements per [Section 17G.040.080](#) **Design Review Board**

Recommendations.

Recommendations of the Design Review Board will be forwarded to the Planning Director.

Project Description

Please see applicant's submittal information.

Location & Context

The site is located at 2700 E 46th Avenue within the Southgate neighborhood. The park is located south of 46th Avenue and north of 53rd Avenue and west of Regal Street. The properties north of the site are multi-family housing and those to the west are single family homes. The

The Southgate KXLY Development zoned Center and Corridor - District Center (CC2-DC) is located to the south of this park. This project came before the Design Review Board in 2016 and 2017 under the DRB application numbers 1632 and 1703. This is mentioned because some park facilities are planned to be developed as part of the KXLY development and some discussion from those applications could be relevant to this application. The relevant materials are attached to the back of the staff report.

STA bus route 45 has a stop along Regal Avenue north of the parking lot drive way. STA's High Performance Transit Network includes a line on Regal. The information below was copied off the agency's HPT Network page:

- To view a map of the HPT Network Plan, as adopted by the STA Board of Directors, click [here](#).
- To view the characteristics of the various types of service that may be available in a High Performance Transit Network, click [here](#).

Character Assets

Below are some excerpts from the Southgate Neighborhood Profile that describe what has been found to be important to the neighborhood.

The early hub of commercial activity was at the corner of Regal Street and Palouse Highway, where a series of stores were built and rebuilt after destruction by fires. Fruit growing ended due to regional surpluses following the formation of irrigation districts and loss of transportation viability. After a period of prosperity, many "acre-tract" dwellers along the railroad abandoned their homes and orchards in the 1930s, which were eventually destroyed by fire. A new wave of greenhouse and chicken farming arrived during the 1940s and 1950s. These forms of agriculture, in turn, were gradually replaced by commercial and housing development.

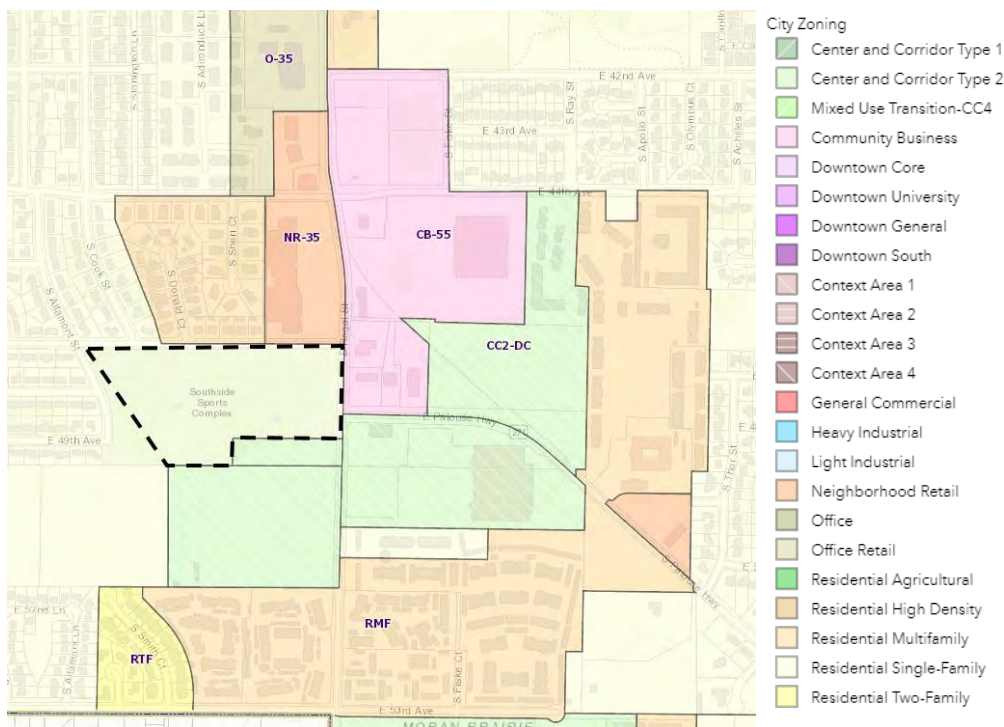
The Hazel's Creek wildlife area is a great natural feature in the center of the neighborhood. Its network of trails leads to area parks and is used by students accessing Ferris High School.

Southgate draws identity from wildlife, groves of conifer trees, fields, basalt rocks, parks, and neighborhood gardens. Migratory birds, deer, coyotes and occasional moose can be observed.

Regulatory Analysis

Zoning Code Requirements

The site is zoned Residential Single Family - RSF. The applicant will be expected to meet zoning code requirements. Applicants should contact Current Planning Staff with any questions about these requirements.



Section 17C.110.410 Sidewalks

B. Sidewalk Implementation.

1. Sidewalks shall have the minimum dimension of five feet, even if part of the width is located on private property. This dimension shall be applied to the clear, unobstructed pathway between the planting zone for street trees per [SMC 17C.200.050](#) and building facades or parking lot screening. (R)

Section 17C.200.050 Street Tree Requirements

**TABLE 17C.200.050-1
Tree Planting Dimensional Standards**

ZONE	CONTINUOUS PLANTING STRIP (minimum width as measured from back of curb)	INDIVIDUAL PLANTING AREA (width as measured from back of curb)
RA, RSF, RTF	6 ft.	Continuous Planting Strip required

2. Continuous Planting Strips.
 - a. Continuous planting strips may be planted with living ground cover or low plantings that are maintained at a height less than three feet from ground level.
 - b. When auto traffic is immediately adjacent to the curb, new street trees must be planted at least three feet from the edge of the automobile travel way.

Section 17C.200.110 Water Conservation Measures encourages methods for conserving water.

Section 17C.230.200 Bicycle Parking. Bicycle parking is required for any new use that requires 20 or more automobile spaces.

Section 17H.010.200 Curb Ramps

- A. At all intersections where new curbs, sidewalks or both are to be constructed, curb ramps are to be placed and constructed as shown on the standard plans. Where a ramp is built on one corner of an intersection, a ramp shall also be provided at a corresponding location on the opposite corner of the intersection.
- B. Not less than two curb ramps per lineal block shall be constructed on or near the crosswalks at intersections or other convenient locations approved by the director of engineering services.
- C. Installation of curb ramps shall also be required on existing sidewalks whenever curbing is replaced.
- D. Proposed curb ramps at locations other than intersections must be approved by the director of streets prior to construction.

Recommendations of the Design Review Board must be consistent with adopted regulations. The DRB may not waive any code requirements.

City of Spokane Comprehensive Plan

[Comprehensive Plan link](#)

LU 6.9 Facility Compatibility with Neighborhood: Ensure the utilization of architectural and site designs of essential public facilities that are compatible with the surrounding area.

TR GOAL A: PROMOTE A SENSE OF PLACE: Promote a sense of community and identity through the provision of context sensitive transportation choices and transportation design features, recognizing that both profoundly affect the way people interact and experience the city.

TR 2.1 Physical Features: Incorporate site design and other physical features into developments that encourage alternatives to driving. Physical features that encourage walking include sidewalks, street trees, street lights, benches, pedestrian islands, clearly marked pedestrian pathways in parking lots, water fountains, rest-rooms, and display windows on the street in commercial areas.

TR 4.25 Pedestrian and Bicyclist Access to Parks: Develop safe pedestrian access and bike ways/routes to city parks from surrounding neighborhoods.

TR 2.7 Safe Sidewalks: Provide for safe pedestrian circulation within the city; wherever possible, this should be in the form of sidewalks with a pedestrian buffer strip or other separation from the street.

TR 7 Neighborhood Access: Require developments to have open, accessible, internal multi-modal transportation connections to adjacent properties and streets on all sides.

TR 17 Paving Existing Unpaved Streets: Identify and prioritize resources for paving existing dirt and gravel streets and alleyways to reduce air pollution and prioritize infill and economic development.

DP 2.3 Design Standards for Public Projects and Structures: Design all public projects and structures to uphold the highest design standards and neighborhood compatibility.

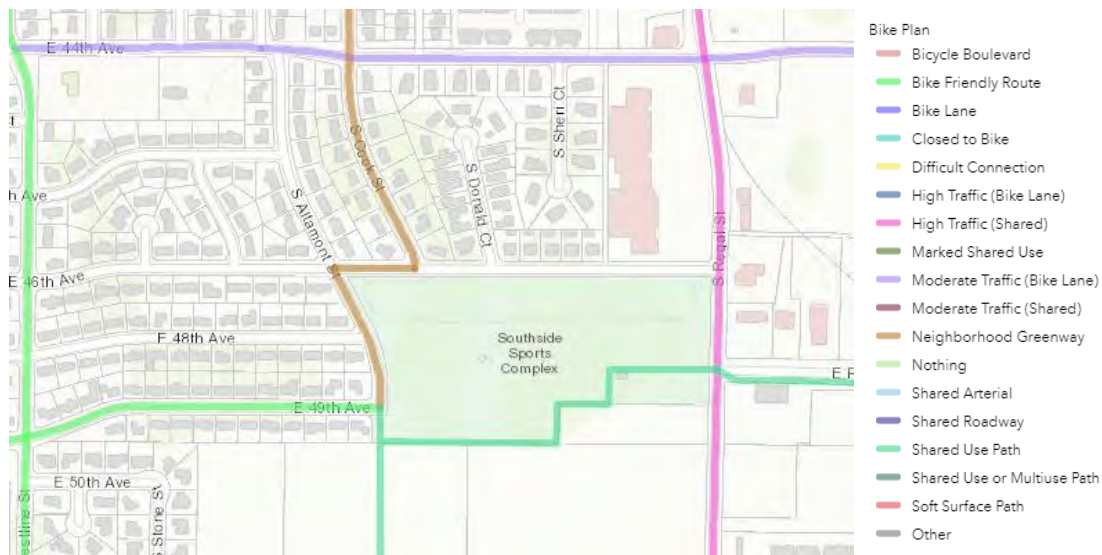
DP 2.6 Building and Site Design: Ensure that a particular development is thoughtful in design, improves the quality and characteristics of the immediate neighborhood, responds to the site's unique features - including topography, hydrology, and microclimate - and considers intensity of use.

NE 12.1 Street Trees: Plant trees along all streets. Installing street trees along all residential and arterial streets is the easiest and most cost effective way to secure the environmental benefits of urban forestry. Street trees planted in buffer strips between the curb and sidewalk should be included in every street project or private development.

Bicycle Plan

<https://my.spokanecity.org/projects/master-bike-plan/>

The Bike Plan Calls for a neighborhood greenway along the western boundary of the park heading north up Cook St and a shared use path along the southern boundary of the park extending to the south and east.



Southgate Neighborhood Plan

Parks and Open Space Element

VII. Recommendations for Additions and Improvements

Where there are gaps in service area and no vacant land to turn into parks, use enhanced connectivity to expand service area to enable easier access, specifically connecting east to west on 44th Avenue with Pedestrian/Bicycle paths and connecting Ben Burr Trail to 44th Avenue.

Topics for Discussion

To address the, Comprehensive Plan Policies and municipal codes listed in the staff report, staff would offer the following for consideration and discussion:

Note: Staff had questions relating to both the master plan for the whole park and the phase 1 improvements. Discussion items have a not that indicates if the the question pertains to the master plan, phase 1, or both.

Neighborhood

Neighborhood Character (Master Plan / Phase 1): What elements of the neighborhood's character assets are being highlighted within this park (see neighborhood character assets description above)?

How do the elements within this plan help this community to build community character?

What makes this park unique to this neighborhood?

See Comprehensive Plan Policy LU 6.9 Facility Compatibility with Neighborhood and TR Goal A: Promote a Sense of Place

Artwork (Master Plan / Phase 1): What opportunities are there to incorporate artwork within the park facility?

See Comprehensive Plan Policy SH 3.7 Support Local Artists

Site

Expanded Theming (Master Plan / Phase 1): The new park facility has a loose theme of soccer and baseball elements that have been suggested for use within the playground and splash pad. How might

this concept be utilized in other parts of the design? Could the hardscape utilize a hexagonal scoring pattern found on many soccer balls or some other sport related hardscape pattern?



[Sports Complex](#) | Westerville, Ohio

See Comprehensive Plan TR Goal A: Promote a Sense of Place

Trail Connectivity (Master Plan): It will be important to coordinate trail connections with the KXLY site located to the south of this park facility. Has the applicant been in communication with the adjacent KXLY development owner, regarding the location of trail connections?

See Comprehensive Plan Policy TR 7 Neighborhood Access and Southgate Integrated Site Plan page 9.

Buffer Strip (Master Plan / Phase 1): Are there opportunities to maintain a buffer strip and place street trees between the multiuse trail at Altamont Street (except where 90 degree parking is located). This buffer strip will increase safety and comfort of the facility. In addition, the 46th Avenue sidewalk is also shown as adjacent to the street in the master plan. This plan should be in conformance with municipal codes mandating detached sidewalks.

See Comprehensive Plan Policy NE 12.1 Street Trees, [Section 17C.110.410](#) Sidewalks, and [Section 17C.200.050](#) Street Tree Requirements

Curb Ramps(Master Plan): 46th Avenue is gravel for the majority of its length adjacent to the park. Cook Street does not currently have sidewalks, but when the street is eventually rebuilt, sidewalks will likely be added. Therefore, the applicant should consider adding curb ramps and carnage walks to connect north to 44th Avenue.

See [SMC Section 17H.010.200](#) Curb Ramps

Encouraging Alternative Transit Options(Master Plan / Phase 1): A lack of parking was discussed as a site constraint. How might this park incorporate amenities that encourage users to arrive via other modes of transportation?

See Comprehensive Plan Policies TR 7 Neighborhood Access and TR 4.25 Pedestrian and Bicyclist Access to Parks

Drop off (Master Plan): Would a dedicated pick-up / drop-off area along the shared access drive be valuable?

See Comprehensive Plan Policy TR 7 Neighborhood Access

Buildings

Prefab Buildings (Master Plan / Phase 1): The restroom facility and shelters are conceptually slated to be pre-fabricated elements. What opportunities are there to build one or both of these facilities as a customized construction? Typically these prefab units are generic in character and do not build community pride.

See Comprehensive Plan Policies LU 6.9 Facility Compatibility with Neighborhood and DP 2.3 Design Standards for Public Projects and Structures

Bike Kiosk (Phase 1):: Would the applicant consider incorporating bike system kiosk with wayfinding information near the trail head or elsewhere? This amenity would help the community understand where existing multiuse trail facilities are located within their community and promote alternative forms of transportation.

See Comprehensive Plan Policies TR 2.1 Physical Features

Water Fountains (Master Plan / Phase 1): Will water fountains be provided at the pavilion and the restroom facility? Can accommodations be provided for a pet water fountain?

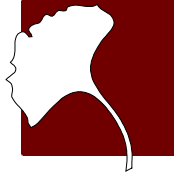
See Comprehensive Plan Policies TR 2.1 Physical Features

Note

The recommendation of the Design Review Board does not alleviate any requirements that may be imposed on this project by other City Departments including the Current Planning Section of Planning and Development Services.

Policy Basis

Spokane Municipal Codes
City of Spokane Comprehensive Plan
Southgate Neighborhood Connectivity Master Plan
Southgate Integrated Site Plan | Regal Street & Palouse Highway



MEMO

To: City of Spokane

Attention: Dean Gunderson

From: Jeff Stiltz

Date: 11-1-2018

Project: Southeast Sports Complex-Phase I

Project No: 18-027

Re: DRB Recommendation Responses

CC:

DESIGN REVIEW BOARD

FILE NO.DRB 1820

Overview: Southeast Sports Complex Phase I

Attachments: 18-11-1 DRB Submittal Package.pdf, ten (10) 11 x 17 hard Copies, and One (1) Copy Plan Sheets Full Size

City of Spokane Parks staff and MT-LA have taken a number of steps that were discussed at the Initial Design Review Board on August 22, 2018. These additional steps have included:

- Two meetings with the Southgate Neighborhood; September 4, 2018 and October 3, 2018.
- City of Spokane Pre-Development Conference, September 6, 2018.
- Several meetings with City of Spokane Engineering and Streets staff to discuss street improvements and drainage.

These additional steps have resulted in:

- Final design / theme selection by the neighborhood of the playground equipment.
- City requirements for street improvements to 46th Avenue.
- Removal of the splash pad from this phase of construction do to budget limitations.

Playground and Kit of Parts

MT-LA and City of Spokane parks staff presented playground and splash pad concepts at the Southgate Neighborhood Council meeting on September 4, 2018. Approximately

Michael Terrell ■ Landscape Architecture, PLLC
1421 N. Meadowwood Lane, Suite 150 ■ Liberty Lake, WA 99019
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www.mt-la.com

Member American Society of Landscape Architects

thirty attendees reviewed the plans and provided feedback on themes, colors, and play equipment types. In addition to discussions about the playground and splashpad, neighborhood member feedback included discussion about street improvements and parking. MT-LA reviewed the input and refined the playground / splash pad design for presentation at the October 11, 2018 meeting. The revised concept was presented to the neighborhood on October 3, 2018. Approximately twenty-five attendees provided comments and discussion regarding the revised design, color selections, as well as the kit of parts board. The revised design received positive comments and support.

In addition, Nick Hamad (Spokane Parks) presented the 46th Avenue street improvement plan.

Street Improvements

MT-LA, Coffman Engineers, representatives from City of Spokane Parks, Streets, and Engineering, met on September 4, to discuss street improvements required with phase I park improvements and parking design scenarios identified during the pre-development meeting. It was determined that the extent of street improvements would be 46th Avenue, curb, gutter and stormwater improvements and the 46th/Altamont intersection. The cost for these improvements has been estimated at \$165,000. This has resulted in a reduction in the park improvement budget to accommodate the required street improvements.

Applicant Response to DRB Comments from the August 8, 2019 Collaborative Workshop.

1 - Program Review/Collaborative Workshop

August 22, 2018

Design Review Board

Steven Meek, Chair

c/o Dean Gunderson, DRB Secretary

Based on review of the materials submitted by the applicant and discussion during the August 22, 2018 Collaborative Workshop the Design Review Board recommends the following Advisory Actions:

- 1. The applicant shall consider relocating the restroom from 46th Avenue to decrease the visual impact to residences that face the park opposite the avenue.*

Response: The restroom has been relocated to the Altamont Street frontage. This location was reviewed with the neighborhood at the two neighborhood meetings.

2. *The applicant shall explore opportunities to provide better connection between the amenities provided in the neighborhood park and the recreational fields.*

The design includes the addition of **12' wide** trail along 46th in addition to the trail section along Altamont to complete the connectivity envisioned in the Southgate Neighborhood Connectivity Master Plan.

3. *The applicant shall further define the playground theme and design, through a more robust engagement with the neighborhood.*

The Playground theme and style was reviewed and refined during two meetings with the neighborhood. Voting boards and comment sheets were reviewed and the design revised based on neighborhood input. The design of the playground theme, pieces and colors, were presented to the Neighborhood during the October neighborhood meeting.

4. *The applicant shall provide information regarding site lighting to eliminate light pollution into adjacent residential areas and to provide for defensible spaces.*

The lights selected for the playground are City of Spokane Parks standard and the attached photometric plan illustrates the light extent and coverage. Typical park lighting includes a photo cell and timer set to shut the lights off at parks closing time.

5. *The applicant shall provide additional articulation of the restroom/pavilion structures, including (but not limited to) plans and elevations.*

City of Spokane Parks standard for restrooms is a CXT building. The attached plans with elevations for the proposed restroom and shelters, as well as, the 3D drawing showing the massing and spatial relationship between elements. CXT has indicated that a brick wainscoting is available for use. Horizontal lap siding style treatment will be used above the brick wainscoting. The combination of the brick and siding is consistent with the neighborhood residential style and reflects design elements that have been indicated in preliminary discussions for the future retail project.

6. *The applicant shall further demonstrate how pedestrian paths, turnouts, and connections are made to the existing non-motorized infrastructure adjacent to the site – consistent with desirable NACTO standards and the existing Neighborhood Plan.*

The applicant has reviewed WSDOT multi-use trail standards and NACTO standards for bicycle facilities. The revised plans include the addition of **12' wide trail along 46th** in addition to the trail section along Altamont to complete the connectivity envisioned in the Southgate Neighborhood Connectivity Master Plan. Multi-use trail signage will be in accordance

with the MUTCD. Clearances along the trail including locations of trees and signs will be accommodated.

7. *The applicant shall provide additional information regarding the provision of pedestrian amenities along/adjacent to the proposed multi-use trail (including, but not limited to, benches, public art, drinking fountains, and shading opportunities).*

The revised plans and graphics provide additional information regarding the proposed amenities for this section of the trail. A 3D drawing showing the massing and spatial relationship between elements is also included.

8. *The applicant shall further articulate the designs of the gateways into the site, in coordination with the private development to the south and the neighborhood.*

Additional gateway improvement from the neighborhood to the north and west and to the development to the south will be included in future phases due to budget constraints.

9. *The applicant shall provide appropriate, and convenient, parking opportunities for all phases of the project, in (and adjacent to) the park – with special emphasis on provisions along 46th Avenue to accommodate current and expected traffic and parking patterns.*

The City of Spokane Parks Department, the Owner, and the City of Spokane has agreed to make street improvements to 46th Ave as part of the project. Parking improvements will be included in future phases. Street improvements and parking strategies were discussed with the neighborhood as well during the two meetings.

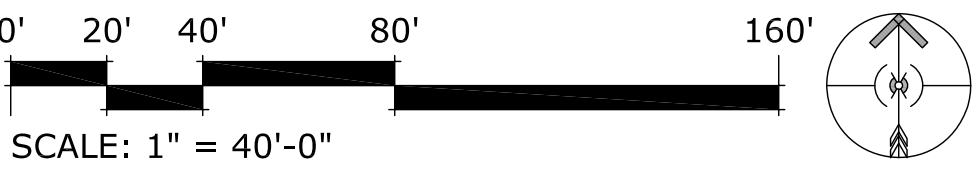


LEGEND

- ① 5-12 PLAY EQUIPMENT ON POURED-IN-PLACE SAFETY SURFACING.
- ② 2-5 PLAY AREA ON POURED-IN-PLACE SAFETY SURFACING.
- ③ FUTURE SPLASH PAD.
- ④ SMALL SHELTER, 16' X 16'.
- ⑤ NEIGHBORHOOD PARK RESTROOM.
- ⑥ ALTERNATE #1 - LARGE SHELTER 30' X 44'.
- ⑦ NEIGHBORHOOD PARK GATEWAY.
- ⑧ 12' WIDE NEIGHBORHOOD TRAIL.
- ⑨ 46TH ST PAVING IMPROVEMENTS.
- ⑩ EDGE OF ALTAMONT ST



CONSTRUCTION PLAN



CALLOUTS

- 1 PLAYGROUND - 5-12 AND TOT LOT WITH POURED-IN-PLACE SAFETY SURFACING.
- 2 ADA WHEELCHAIR SWING.
- 3 RESTROOM - 4 STALL/GENDER NEUTRAL RESTROOMS WITH EXTERIOR DRINKING FOUNTAIN AND BOTTLE FILLER.
- 4 **ALTERNATE #1:** POLYGON LARGE SHELTER - 30' x 44', REK 30x44. FRAME COLOR: BUMPER BLACK, ROOF COLOR: COPPER PENNY.
- 5 SMALL SHELTER - 16' x 16' POLYGON SQR-16 SHELTER. FRAME COLOR: BUMPER BLACK, ROOF COLOR: COPPER PENNY.
- 6 FUTURE ENTRY PLAZA/GATEWAY. STAMPED CONCRETE IN BRICK PATTERN.
- 7 CONCRETE PAD FOR TRASH RECEPTACLES. TRASH RECEPTACLES CITY STANDARD, OWNER PROVIDED.
- 8 BIKE RACK. FORMS + SURFACES, BIKE GARDEN. POWDER COATED BLACK. CONFIGURATION A.
- 9 BENCHES. SITESCAPES TALLGRASS BENCH WITH BACK. POWDER COAT BLACK. MOUNT PER MANUFACTURER'S SPECIFICATIONS.
- 10 LIGHTS. SEE LIGHTING PLAN.
- 11 12' ASPHALT TRAIL TO CONNECT WITH FUTURE ASPHALT TRAIL.
- 12 EXISTING TREES TO REMAIN. PRESERVE AND PROTECT.
- 13 EDGE OF EXISTING ROADWAY.
- 14 EXISTING SIDEWALK AND CURB. PRESERVE AND PROTECT.

LEGEND

- ASPHALT TRAIL - 12 FT WIDE
- CONCRETE WALK. MEDIUM BROOM FINISH
- TURF GRASS WITH OVERHEAD IRRIGATION. **BASE BID: HYDROSEEDDED TURF GRASS, ALTERNATE #2: SODDED TURF GRASS.**
- SODDED TURF GRASS WITH 2" OF TOPSOIL TYPE B AND AUTOMATIC OVERHEAD IRRIGATION.
- AMEND BACKSTOP AREA SOIL. SODDED TURF GRASS WITH ADJUST IRRIGATION FOR 100%HEAD-TO-HEAD COVERAGE.
- PLANTER AREA. 6" TOPSOIL TYPE B AND 2" MINERAL MULCH. SEE SPECIFICATIONS FOR MULCH TYPE. BUBBLER IRRIGATION.
- TRAIL CENTER LINE.
- ALTERNATE #1 LIMIT OF WORK. BASE BID TURF AND IRRIGATION.

CONSTRUCTION NOTES

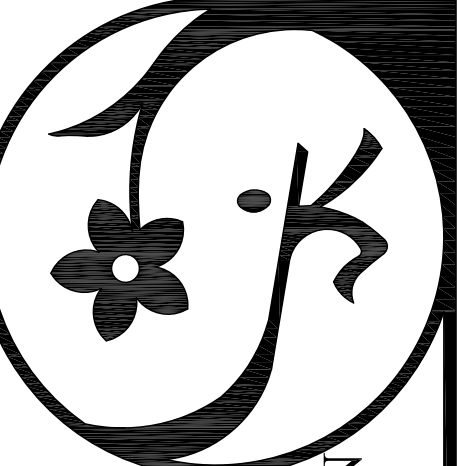
1. CALL LOCATE 2 WORKING DAYS BEFORE YOU DIG (811). ALL UTILITIES & STRUCTURES ARE NOT SHOWN. THE LOCATION OF THOSE SHOWN ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY BOTH UNDERGROUND AND ABOVE GROUND EXISTING CONDITIONS. NOTIFY LANDSCAPE ARCHITECT FOR RESOLUTION AND MAKE MINOR CHANGES TO NEW CONSTRUCTION AT NO COST TO THE OWNER.
2. CONTRACTOR IS RESPONSIBLE FOR VERIFYING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFYING THE OWNER AND OWNERS REPRESENTATIVES OF DISCREPANCIES.
3. CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES ON SITE, WITHIN CONSTRUCTION DISTURBANCE ZONE AFTER UTILITY METERS AND PUBLIC CONNECTIONS.
4. SCOPE OF WORK: THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TRANSPORTATION AND SERVICES NECESSARY TO COMPLETE THE WORK SHOWN ON THE PLAN.
5. THIS PLAN WAS DERIVED FROM SURVEY AND PLAN INFORMATION PROVIDED BY COFFMAN ENGINEERING, INC
6. PRESERVE AND PROTECT EXISTING IMPROVEMENTS TO REMAIN. REPAIR OR REPLACE ALL CURBS AND WALKS DAMAGED DURING CONSTRUCTION.
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MICHAEL TERRELL - LANDSCAPE ARCHITECTURE, PLLC
1421 N. MEADOWWOOD LANE, SUITE 150
LIBERTY LAKE, WA 99019
PHONE (509) 922-7449

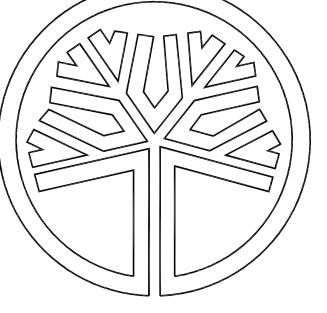


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STATE OF
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REGISTERED
LANDSCAPE ARCHITECT

MICHAEL D. TERRELL
CERTIFICATE NO. 584

SOUTHEAST SPORTS COMPLEX-PHASE I

2700 E 46TH AVE, SPOKANE, WA 99223

CONSTRUCTION PLAN

BAR IS ONE INCH ON ORIGINAL
DRAWING. IF NOT ONE INCH ON
THIS SHEET, ADJUST SCALES
ACCORDINGLY

DATE: 11/1/2018
DRAWN BY: JCS
CHECKED BY: MDT
PROJECT NO: 18-027

REVISION

1	3
2	4

SHEET 2 OF 9

L-1
SHEET ABBREVIATION

CALLOUTS

- 1

FUTURE ENTRY PLAZA/GATEWAY. STAMPED CONCRETE IN BRICK PATTERN.
- 2

EDGE OF EXISTING ROADWAY.
- 3

APPROXIMATE LOCATION OF FUTURE CURB.
- 4

EXISTING SIDEWALK AND CURB. PRESERVE AND PROTECT.

LEGEND

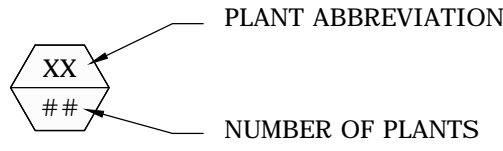
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- ASPHALT TRAIL - 12 FT WIDE.

PLANT LEGEND

TREES	BOTANICAL NAME / COMMON NAME	CONT	QTY
TC	Tilia cordata / Littleleaf Linden	2" Cal	8

PLANT QUANTITY NOTE: CONTRACTOR SHALL VERIFY QUANTITIES IN PLANT LEGEND WITH PLANT SYMBOLS ON PLANS.

PLANT CALLOUTS

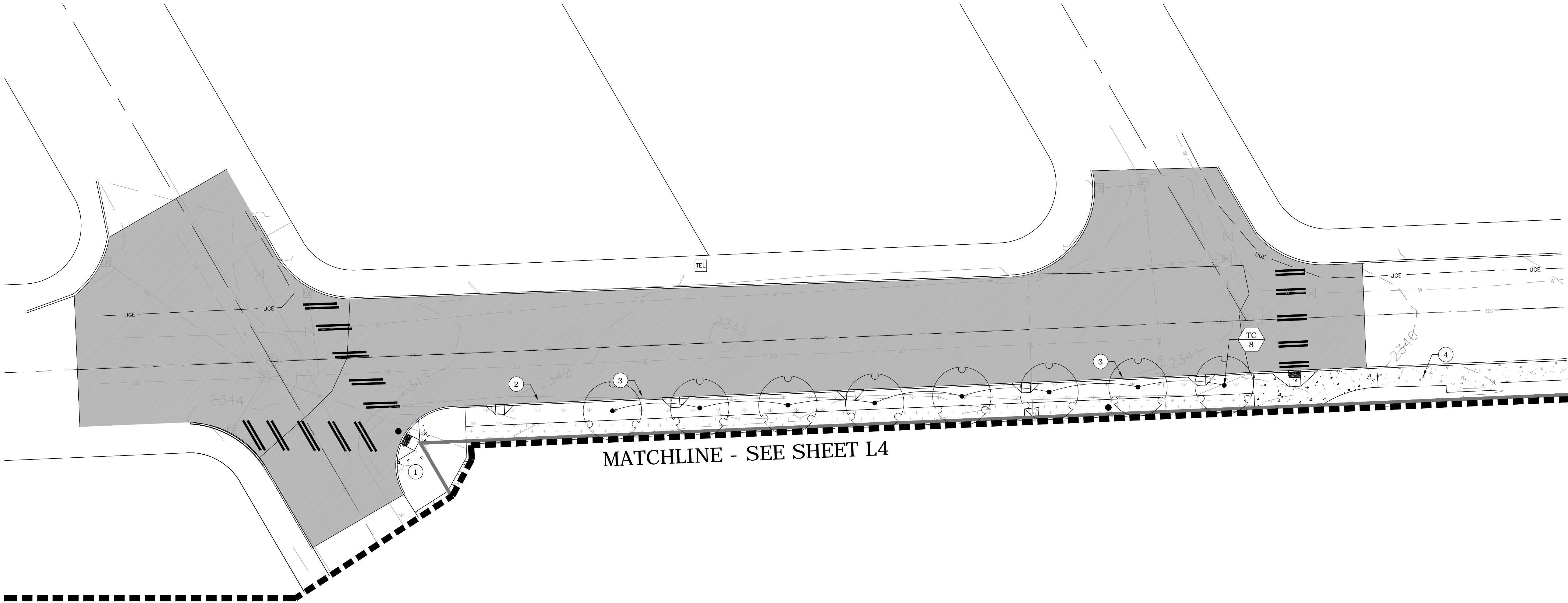


PLANTING NOTES

1. TREES AND SHRUBS TO MEET REQUIREMENTS OF AMERICAN STANDARD FOR NURSERY STOCK FOR SIZE AND MATERIAL CONDITION.
2. ALL SHRUB BEDS TO RECEIVE 6" OF TYPE B PLANTING SOIL.
3. INSTALL 2" OF MINERAL MULCH WITH PRE-EMERGENT IN ALL SHRUB BEDS.
4. ALL TURF AREAS TO RECEIVE 2" OF TYPE A PLANTING SOIL PRIOR TO SEEDING.
5. TREE LOCATIONS MAY VARY DEPENDING ON WALK, DRIVEWAY, AND UTILITY LOCATIONS.
6. DO NOT COMPACT BOTTOMS OF SWALES, PROTECT SWALES FROM CONSTRUCTION TRAFFIC AND DEBRIS.
7. LANDSCAPE BERM 2'-3' TALL WITH 4:1 MAXIMUM SIDE SLOPES.
8. ALL TREES TO BE SINGLE TRUNKED, UNLESS OTHERWISE NOTED. MULTI-TRUNKED TREES TO INCLUDE MAIN LEADER EQUAL OR GREATER TO SIZE SPECIFIED.
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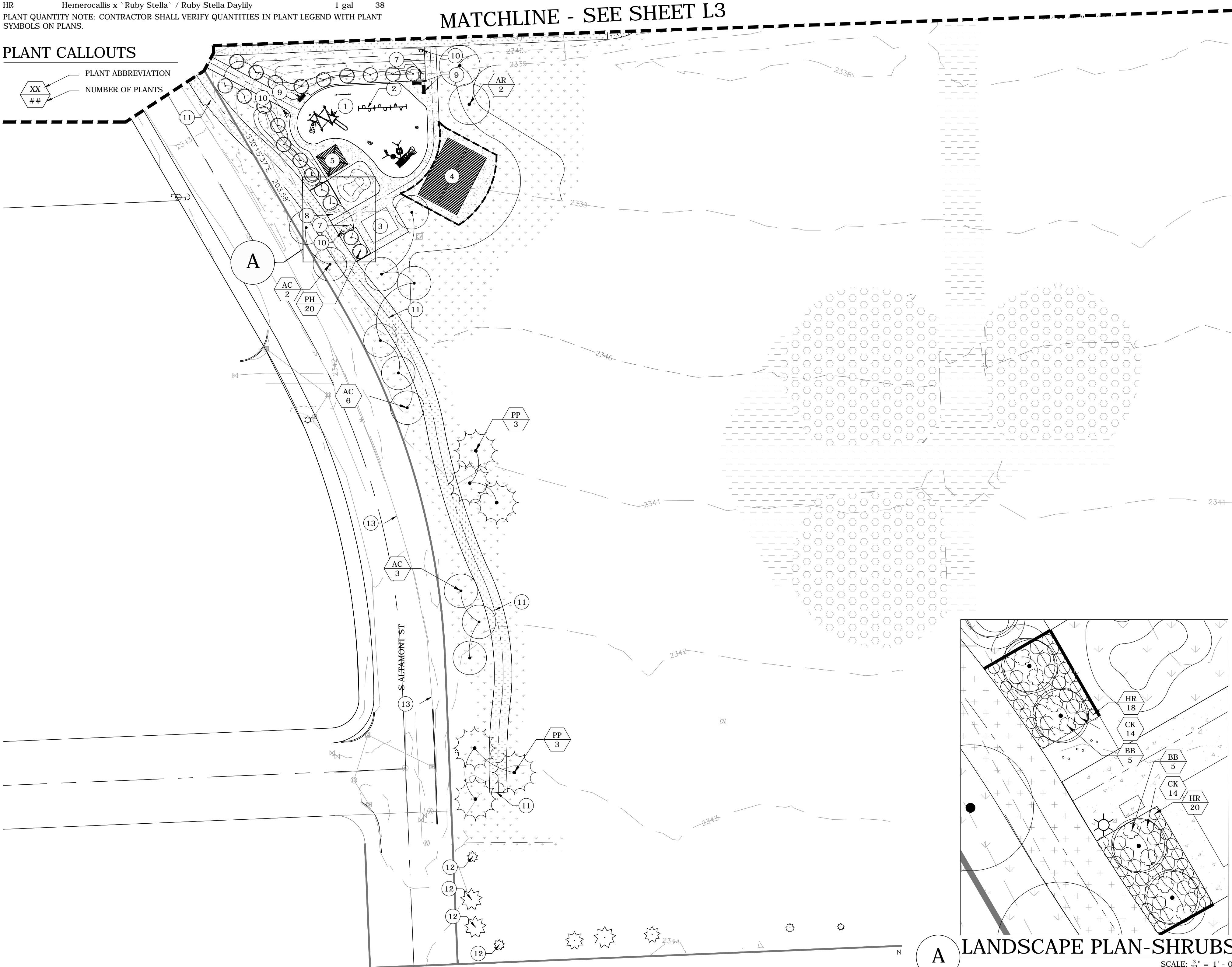
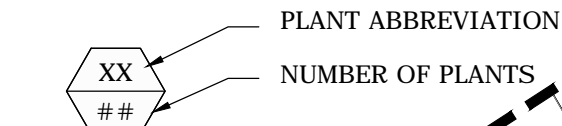


MATCHLINE - SEE SHEET L4

PLANT LEGEND

TREES	BOTANICAL NAME / COMMON NAME	CONT	QTY
AR	Acer rubrum `Autumn Blaze` / Autumn Blaze Red Maple	2" Cal.	2
AC	Acer saccharum `Commemoration` / Commemoration Sugar Maple	2" Cal	11
PP	Pinus ponderosa / Ponderosa Pine	2" Cal	6
PH	Prunus x hillieri `Spire` / Spire Cherry	2" Cal.	20
SHRUBS	BOTANICAL NAME / COMMON NAME	SIZE	QTY
BB	Bouteloua gracilis `Blonde Ambition` / Blue Grama	1 gal	10
CK	Cornus sericea `Kelseyi` / Kelseyi Dogwood	2 gal	28
HR	Hemerocallis x `Ruby Stella` / Ruby Stella Daylily	1 gal	38
PLANT QUANTITY NOTE: CONTRACTOR SHALL VERIFY QUANTITIES IN PLANT LEGEND WITH PLANT SYMBOLS ON PLANS.			

PLANT CALLOUTS



LANDSCAPE PLAN - TREES

MATCHLINE - SEE SHEET L3

CALLOUTS

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LEGEND

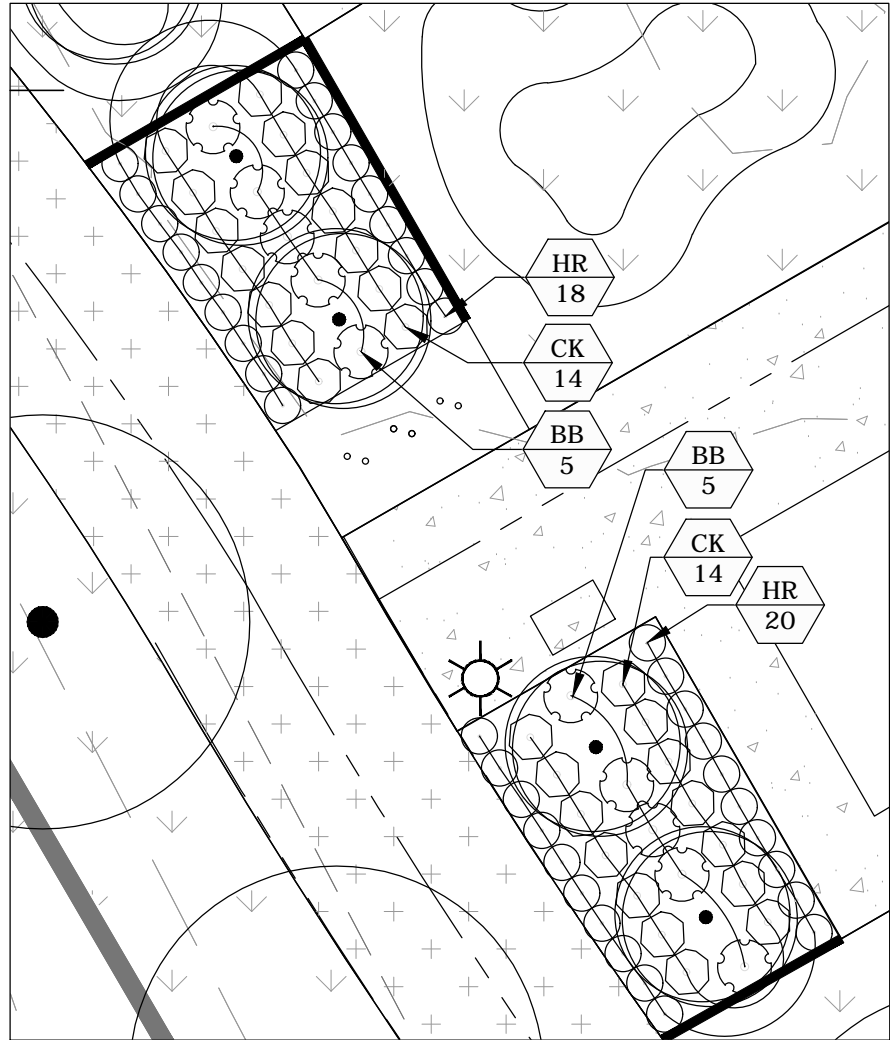
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PLANTING NOTES

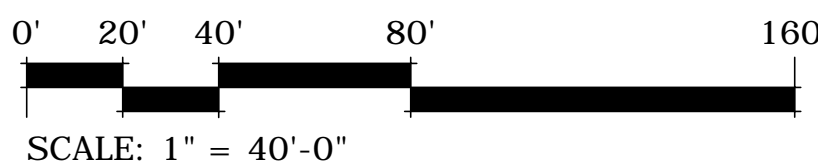
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12. ALL SHRUB AREAS TO BE IRRIGATED WITH BUBBLER IRRIGATION. INSTALL 1 X .25 GPM BUBBLERS PER SHRUB. 2 X .25 GPM BUBBLERS PER TREE.

CONSTRUCTION NOTES

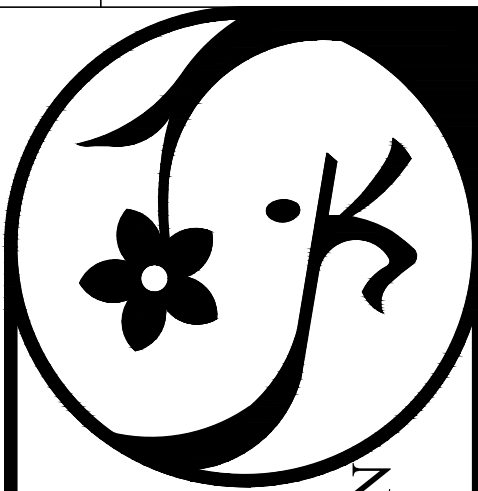
1. CALL LOCATE 2 WORKING DAYS BEFORE YOU DIG (811). ALL UTILITIES & STRUCTURES ARE NOT SHOWN. THE LOCATION OF THOSE SHOWN ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY BOTH UNDERGROUND AND ABOVE GROUND EXISTING CONDITIONS. NOTIFY LANDSCAPE ARCHITECT FOR RESOLUTION AND MAKE MINOR CHANGES TO NEW CONSTRUCTION AT NO COST TO THE OWNER.
2. CONTRACTOR IS RESPONSIBLE FOR VERIFYING CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND NOTIFYING THE OWNER AND OWNERS REPRESENTATIVES OF DISCREPANCIES.
3. CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES ON SITE, WITHIN CONSTRUCTION DISTURBANCE ZONE AFTER UTILITY METERS AND PUBLIC CONNECTIONS.
4. SCOPE OF WORK: THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TRANSPORTATION AND SERVICES NECESSARY TO COMPLETE THE WORK SHOWN ON THE PLAN.
5. THIS PLAN WAS DERIVED FROM SURVEY AND PLAN INFORMATION PROVIDED BY COFFMAN ENGINEERING, INC
6. PRESERVE AND PROTECT EXISTING IMPROVEMENTS TO REMAIN. REPAIR OR REPLACE ALL CURBS AND WALKS DAMAGED DURING CONSTRUCTION.
7. ONLY SURFACE FEATURES ARE SHOWN ON THIS PLAN. ALL UTILITIES SHOWN ARE TO BE VERIFIED IN THE FIELD BY CONTRACTOR. PRESERVE AND PROTECT EXISTING UTILITIES TO REMAIN FROM DAMAGE OR DISRUPTION. TYPICAL. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
8. LAYOUT AND EXTENT OF EXCAVATION TO BE STAKED AND REVIEWED IN THE FIELD BY LANDSCAPE ARCHITECT AND/OR OWNER.
9. REFER TO PROJECT DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
10. LIABLE FOR ENCROACHMENT: THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ENCROACHMENT ONTO ADJACENT PROPERTY, RIGHTS-OF-WAY, EASEMENTS, SET-BACKS, OR ANY OTHER LEGAL PROPERTY RESTRICTIONS EITHER MARKED OR UNMARKED.
11. MAINTAIN IRRIGATION TO EXISTING AND ADJACENT AREAS DURING CONSTRUCTION. NOTIFY OWNER OF ANY DISRUPTIONS LONGER THAN ONE WEEK. PROVIDE TEMPORARY IRRIGATION TO AREAS WHERE DISRUPTION OCCURS.



LANDSCAPE PLAN-SHRUBS

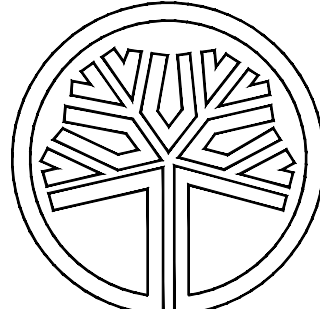


MICHAEL TERRELL - LANDSCAPE ARCHITECTURE, PLLC
1421 N. MEADOWWOOD LANE, SUITE 150
LIBERTY LAKE, WA 99019
PHONE (509) 922-7449



CITY OF
SPOKANE
PARKS
& RECREATION

LANDSCAPE ARCHITECT'S SEAL



STATE OF
WASHINGTON
REGISTERED
LANDSCAPE ARCHITECT

MICHAEL D. TERRELL
CERTIFICATE NO. 584

SOUTHEAST SPORTS COMPLEX-PHASE I

2700 E 46TH AVE, SPOKANE, WA 99223

LANDSCAPE PLAN

BAR IS ONE INCH ON ORIGINAL
DRAWING. IF NOT ONE INCH ON
THIS SHEET, ADJUST SCALES
ACCORDINGLY

DATE: 11/1/2018

DRAWN BY: JCS

CHECKED BY: MDT

PROJECT NO: 18-027

REVISION

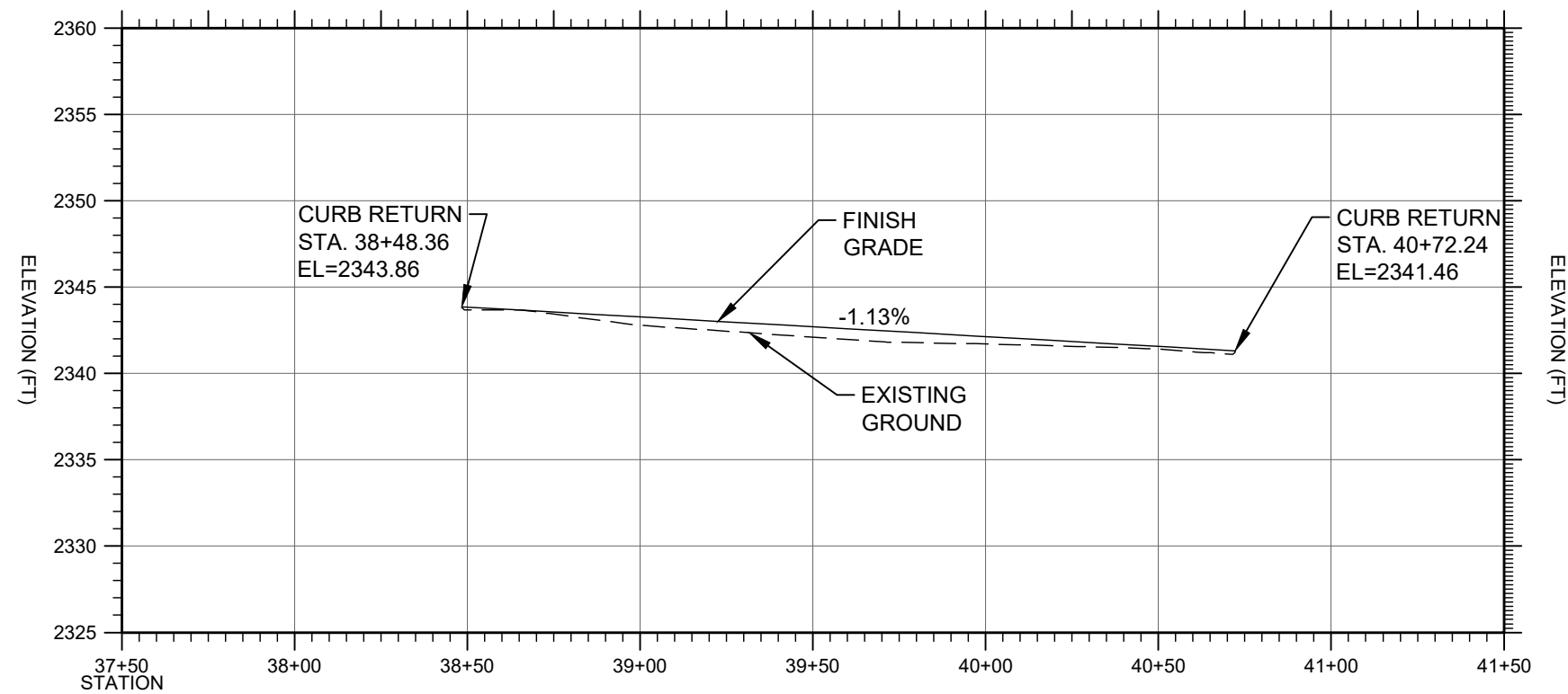
1	3
2	4

SHEET 6 OF 9

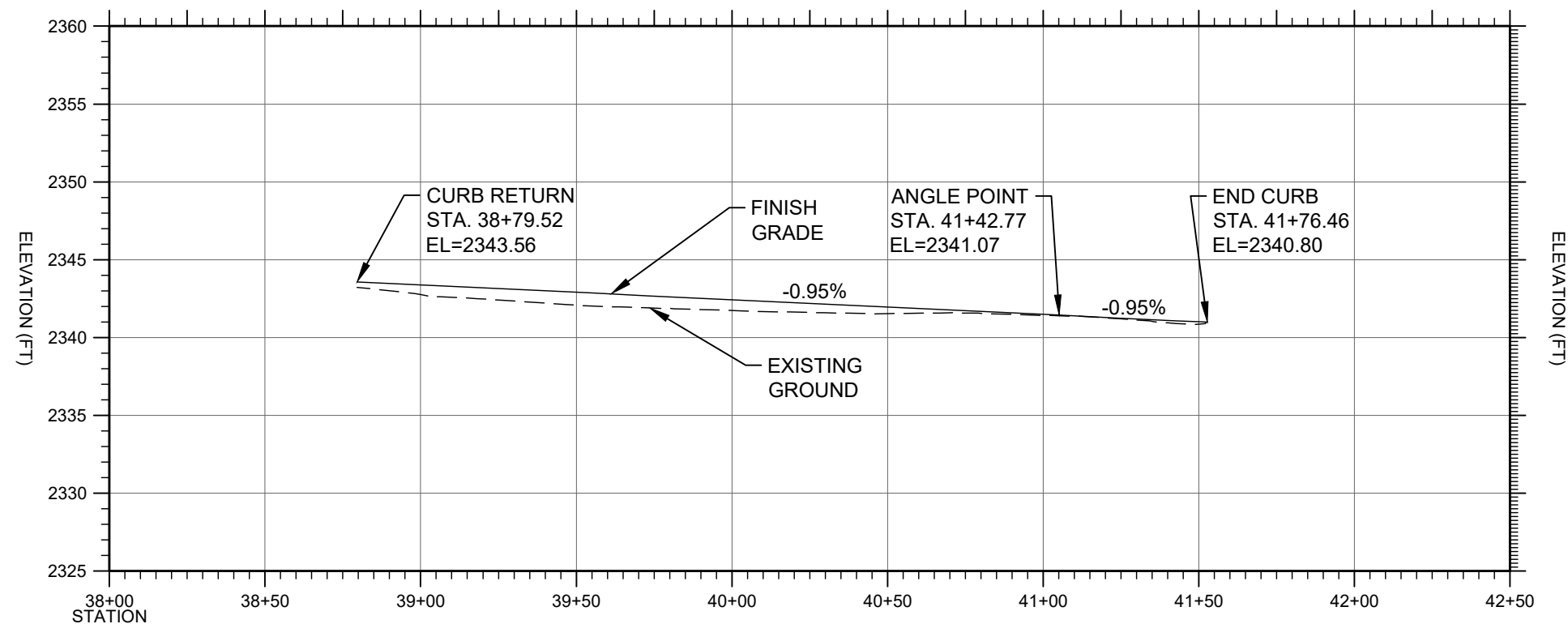
L-5

SHEET ABBREVIATION

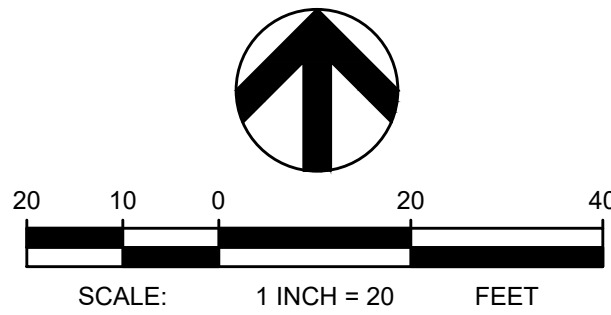
S.04, T.24N., R.43E., W.M., CITY OF SPOKANE, SPOKANE COUNTY, WASHINGTON



PROFILE OF 46TH TOP CURB LEFT
VERT SCALE: 1"=10' HOR SCALE: 1"=50'



PROFILE OF 46TH TOP CURB RIGHT
VERT SCALE: 1"=10' HOR SCALE: 1"=50'



TBM INFORMATION (NOT SHOWN ON PLAN)

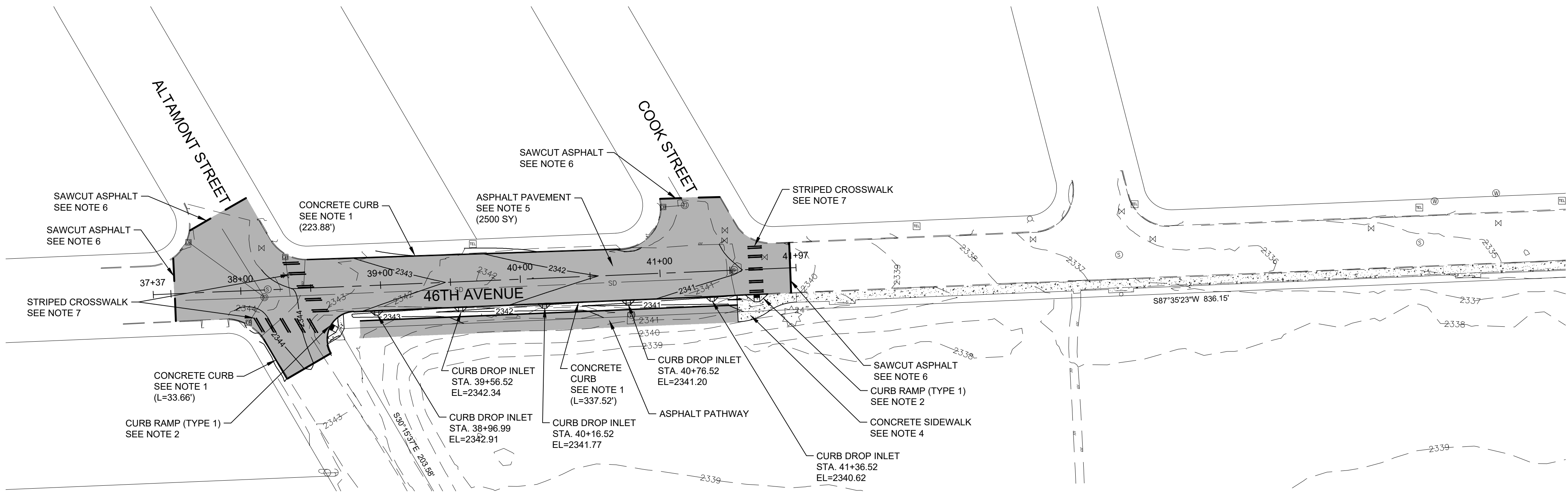
Point #	Description	Northing	Easting	Elevation	Description
1	SET MAG	241783.30	2494776.93	2343.03	NEAR EAST SIDE OF PARKING LOT
2	SET RBC	242193.31	2494786.30	2341.12	SOUTHWEST CORNER OF 46TH AVENUE AND REGAL STREET

LEGEND

	CONCRETE CURB
	ASPHALT PAVEMENT

NOTES


- CONCRETE CURB SHALL CONFORM TO CITY OF SPOKANE STANDARD PLAN F-106.
- CURB RAMP (TYPE 1) SHALL CONFORM TO CITY OF SPOKANE STANDARD PLAN F-105.
- CURB DROP INLET SHALL CONFORM TO CITY OF SPOKANE STANDARD PLAN F-109.
- CONCRETE SIDEWALK SHALL CONFORM TO CITY OF SPOKANE STANDARD PLAN F-102.
- ASPHALT PAVEMENT SHALL CONFORM TO CITY OF SPOKANE STANDARD PLAN W-101A.
- WHERE NEW ASPHALT PAVEMENT JOINS EXISTING ASPHALT, THE EXISTING ASPHALT SHALL BE SAWCUT TO A NEAT, VERTICAL EDGE AND TACKED WITH ASPHALT EMULSION IN ACCORDANCE WITH WSDOT SPECIFICATIONS.
- CROSSWALK STRIPING SHALL CONFORM TO CITY OF SPOKANE STANDARD PLAN G-51.

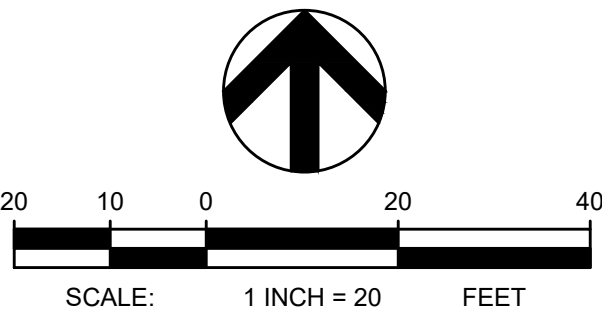
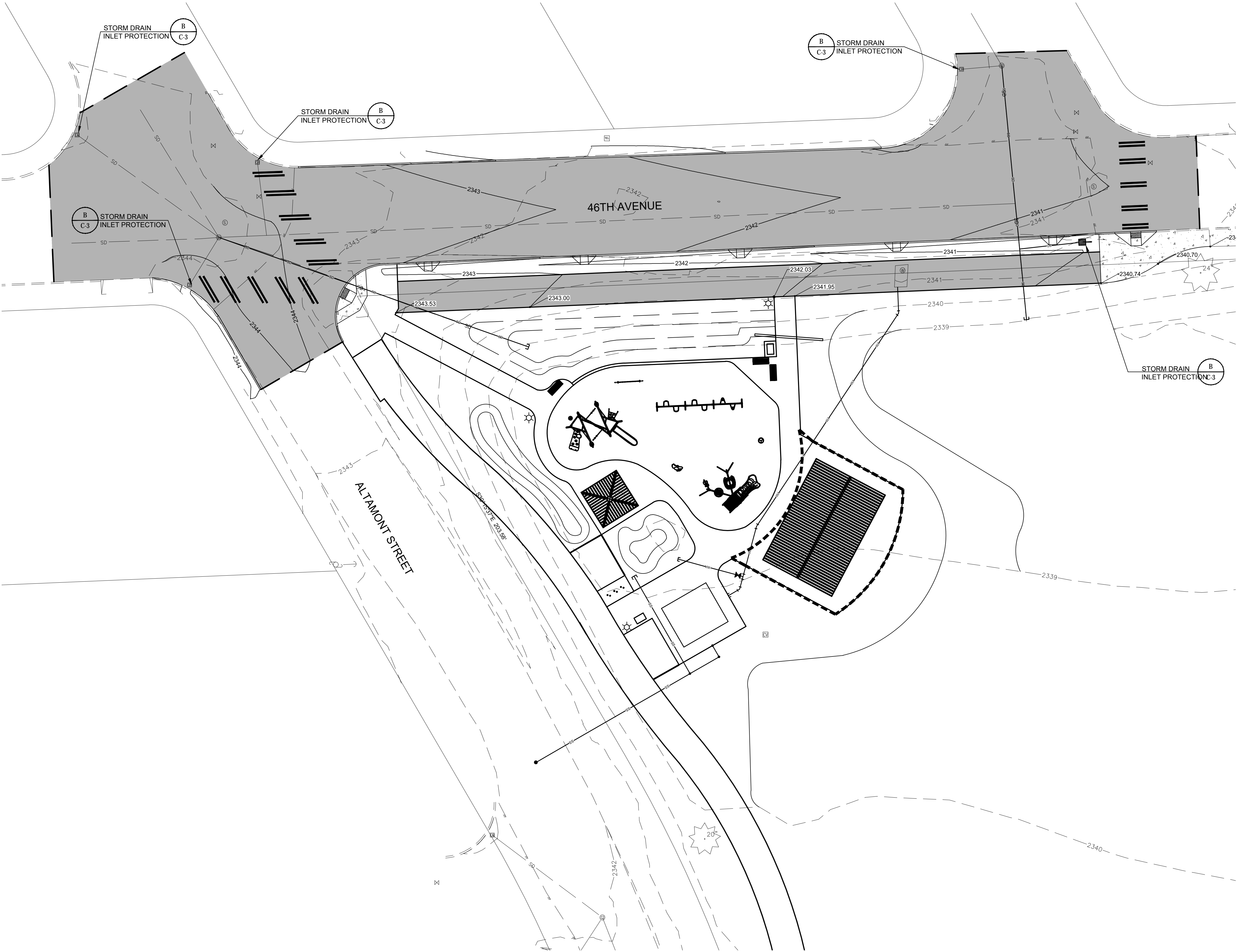


UTILITY STATEMENT
LOCATION OF EXISTING UNDERGROUND UTILITIES HAVE BEEN TAKEN FROM DRAWINGS AND FIELD LOCATES SUPPLIED BY THE APPROPRIATE UTILITY COMPANIES. UTILITY LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF EACH UTILITY.



2
8

										NAVD88 = (OLD CBM ELEV.) - (13.13) AS OF JANUARY, 2000 USE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)											CITY OF SPOKANE, WASHINGTON DEPARTMENT OF ENGINEERING SERVICES 808 WEST SPOKANE FALLS BLVD. SPOKANE, WASHINGTON 99201-3343 (509) 625-6300										SEGMENT LIMITS:		STREET			
										BENCH MARK LOCATION SET REBAR NEAR SOUTHWEST CORNER OF 46TH AVE. AND REGAL ST.											CURRENT CITY DESIGN STANDARDS REVISED FEBRUARY, 2007										46TH AVENUE		TYPE OF IMPROVEMENT:			
										NAVD88 ELEV. 2341.12											HORIZONTAL PLANS/PROFILE 1"=50'										STA. 37+52 TO STA. 41+92		CITY PROJECT NUMBER			
										CBM NO.											VERTICAL PROFILE ONLY 1"=10'										DRAWN: CWD 10/4/18		—		46TH V(01)1	
										BAR IS ONE INCH ON ORIGINAL DRAWING.											SCALE										REVISED: —		CITY PLAN NUMBER			
										IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY																					CHECKED: —		—		04-24-43	
																															APPROVED: —		PROJECT LIMITS: ALTAMONT ST. TO REGAL ST.		EFC: —	



TBM INFORMATION (NOT SHOWN ON PLAN)

Point #	Description	Northing	Easting	Elevation	Description
1	SET MAG	241783.30	2494776.93	2343.03	NEAR EAST SIDE OF PARKING LOT
2	SET RBC	242193.31	2494786.30	2341.12	SOUTHWEST CORNER OF 46TH AVENUE AND REGAL STREET

LEGEND

	CONCRETE CURB
	SILT FENCE

NOTES

1. REFER TO SHEET C-1 FOR GENERAL NOTES.



CITY OF
SPOKANE
PARKS
& RECREATION

SOUTHEAST SPORTS COMPLEX-PHASE I

2700 E 46TH AVE, SPOKANE, WA 99223

EROSION AND SEDIMENT
CONTROL PLAN

BAR IS ONE INCH ON ORIGINAL
DRAWING. IF NOT ONE INCH ON
THIS SHEET, ADJUST SCALES
ACCORDINGLY

DATE:
10/26/2018

DRAWN BY:
CWD

CHECKED BY:
JCB

PROJECT NO:
18-027

REVISION

SHEET 5 OF 10

C-2

SHEET ABBREVIATION

UTILITY STATEMENT
LOCATION OF EXISTING UNDERGROUND
UTILITIES HAVE BEEN TAKEN FROM
DRAWINGS AND FIELD LOCATES SUPPLIED BY
THE APPROPRIATE UTILITY COMPANIES.
UTILITY LOCATIONS SHOWN ON THIS
DRAWING ARE APPROXIMATE ONLY. PRIOR
TO BEGINNING ANY CONSTRUCTION, THE
CONTRACTOR SHALL VERIFY THE EXACT
LOCATION OF EACH UTILITY.



Know what's below.
Call before you dig.



Luminaire Schedule

Symbol	Label	Description	Lum. Watts	Total Watts	Lum. Lumens	LER
+	BXSPCxx4MEE40K-UL_CONFIGURED	BXSPCxx4MEE40K-UL CONFIGURED FROM BXSPCxx4MEE30K-xxxxxx or XSPCxx4MEE30K-xxxxxx	303	303	8315	82

Calculation Summary

Label	Avg	Max	Min	Max/Min
SITE LIGHTING	0.58	3.0	0.0	N.A.
SITE	0.99	3.0	0.0	N.A.

#	Date	Comments
Revisions		

Drawn By:	
Checked By:	
Date: 10/31/2018	
Scale:	

SE SPORTS COMPLEX
CREE LUMINAIRE

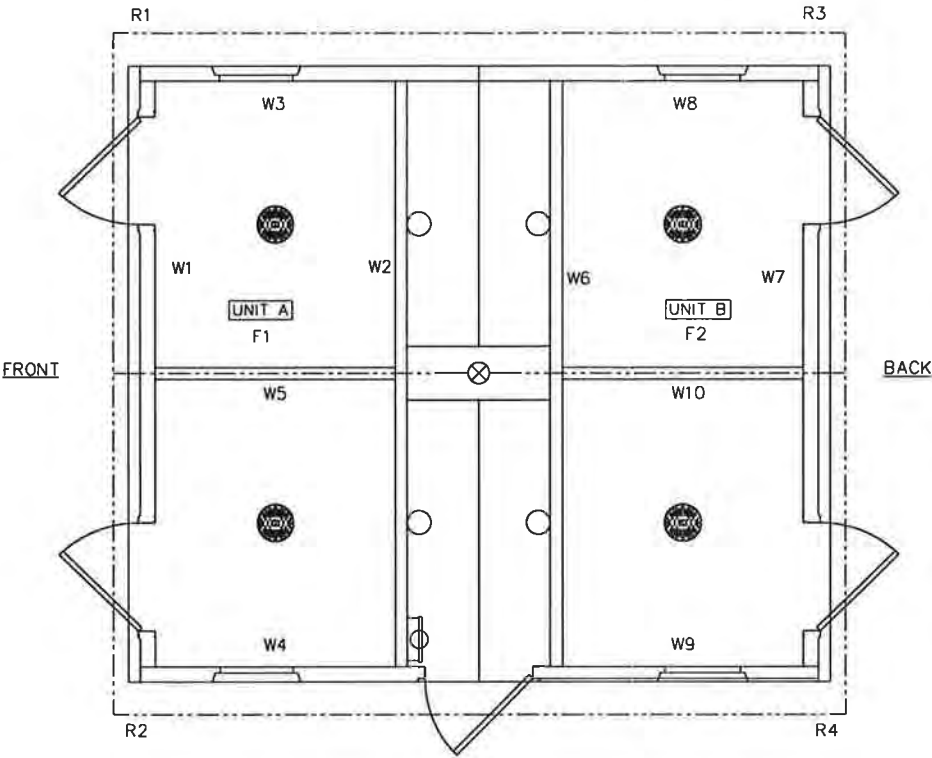
DENALI DOUBLE FLUSH TOILET BUILDING

PANEL MARK NO. KEY PLAN

INDEX OF DRAWINGS

NOTES

- BUILDING IS DESIGNED TO COMPLY TO WITH THE 2015 INTERNATIONAL BUILDING CODE (IBC).
- DESIGN COMPLIES WITH THE PROVISIONS OF THE 2015 IBC FOR THE FOLLOWING LOADS:
GROUND SNOW LOAD = 250 PSF
FLOOR LOAD = 400 PSF
IBC DESIGN SPECTRAL RESPONSE $S_s = 1.638$, $S_1 = 0.748$
SITE CLASS D
SEISMIC USE GROUP: II
SEISMIC DESIGN CATEGORY: D
BEARING WALL SYSTEM $R = 4.0$
A-5 INTERMEDIATE PRECAST SHEARWALLS
BASIC WIND SPEED = 150 MPH (3-SECOND GUST),
WIND EXPOSURE C, $I = 1.0$
- CONSTRUCTION TYPE TYPE: V-B
OCCUPANCY: B
EXTERIOR WALLS: 1-HR RATED PER IBC TABLE 721.1(2), ITEM 4-1.1
UNLIMITED UNPROTECTED OPENINGS IN ACCORDANCE WITH IBC 705.8.1 EXCEPTION 2 AND TABLES 601 & 602
MINIMUM FIRE SEPARATION DISTANCE: 10 FEET
- CONCRETE STRENGTH $f'_{ci} = 2500$ PSI INITIAL $f'_c = 5000$ PSI
FINAL AIR ENTRAINMENT $6\% \pm 1\frac{1}{2}\%$ IN PLASTIC CONCRETE
REINFORCING STEEL: GRADE 60, $F_y = 60$ KSI
MINIMUM LAP 18" AT SPLICES. TIE BARS WITH DOUBLE ANNEALED 16 GA IRON WIRE. REINFORCING TO BE PLACED IN CENTER OF PANEL UNO.
REINFORCING STEEL SHALL BE ACCURATELY PLACED, ADEQUATELY SUPPORTED AND SECURED AGAINST DISPLACEMENT BEFORE CONCRETE IS PLACED AND SHALL ALSO MET THE STANDARDS SET FORTH IN ACI 318.
WELDED WIRE FABRIC (W.W.F.): 4x4xW8xW8, $F_y=65$ KSI (OR EQUIVAL).
COMPLY WITH ASTM A82, SMOOTH WIRE, MIN LAP 2 SQUARES.
- EMBEDDED ITEMS IDENTIFIED ON DRAWINGS(i.e PS-2, R301) REFER TO CXT STANDARD EMBEDMENT CATALOG.
- BACK OF PANELS TO HAVE SMOOTH TROWEL FINISH U.N.O. ALL SURFACES TO BE TEXTURED ARE NOTED ON PANEL DWG'S
- REFER TO SEPARATE CXT INCORPORATED SPECIFICATIONS COVERING DESIGN, MATERIALS, PRODUCTION, AND INSTALLATION CRITERIA FOR SPECIFIC STYLE OF BUILDING.
- ALL REBAR BENDS TO HAVE A MINIMUM RADIUS OF 6x THE BAR DIAMETER.
- INSTALLATION TO MEET APPLICABLE LOCAL, STATE & FEDERAL CODES, BY OTHERS.
- ADEQUATE PLUMBING FACILITIES MUST BE PROVIDED IN ACCORDANCE WITH 2015 IBC 2902.3.2 (NOT BY CXT).
- BUILDING DOES NOT CONTAIN CONDITIONED SPACE. NO ENVELOPE REQUIREMENTS.



APPLICABLE CODES

2015 INTERNATIONAL BUILDING CODE WITH STATEWIDE AMENDMENTS
ICC/ANSI A117.1-09 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, WITH STATEWIDE AMENDMENTS
2015 UNIFORM PLUMBING CODE WITH STATEWIDE AMENDMENTS
2015 INTERNATIONAL MECHANICAL CODE WITH STATEWIDE AMENDMENTS
2017 NATIONAL ELECTRICAL CODE (NEC)
2015 INTERNATIONAL ENERGY CONSERVATION CODE / WASHINGTON STATE ENERGY CODE

SPECIAL CONDITIONS AND/OR LIMITATIONS

ACCESSIBILITY TO THIS BUILDING, INCLUDING PARKING IS TO BE PROVIDED BY OTHERS AND CONSTRUCTED IN ACCORDANCE WITH THE LOCAL BUILDING CODES.

NO.	TITLE
DNS-01	COVER SHEET
DNS-02	HANDLING INSTRUCTIONS
DNS-03	FLOOR PLAN
DNS-04	BUILDING ELEVATIONS
DNS-05	INTERIOR ELEVATIONS
DNS-06	CASTING DETAILS
DNS-07	WALL PANEL W1
DNS-08	WALL PANEL W2
DNS-09	WALL PANEL W3
DNS-10	WALL PANEL W4
DNS-11	WALL PANEL W5
DNS-12	WALL PANEL W6
DNS-13	WALL PANEL W7
DNS-14	WALL PANEL W8
DNS-15	WALL PANEL W9
DNS-16	WALL PANEL W10
DNS-17	FLOOR SLAB F1
DNS-18	FLOOR SLAB F2
DNS-19	ROOF SLAB R1
DNS-20	ROOF SLAB R2
DNS-21	ROOF SLAB R3
DNS-22	ROOF SLAB R4
DNS-23	FOUNDATION DETAIL
DNS-24	FLOOR DRAIN LOCATIONS & BELOW FLOOR PIPING
DNS-25	WATER, WASTE & VENT PIPING PLANS & NOTES
DNS-26	PLUMBING SCHEDULE, DIAGRAMS & NOTES
DNS-27	ELECTRICAL NOTES & SCHEDULES
DNS-28	ELECTRICAL PLAN, LEGEND & NOTES
DNS-29	MATERIAL LIST
EM-01	COMPILED EMBEDS
EM-02	COMPILED EMBEDS
EM-03	COMPILED EMBEDS
EM-04	COMPILED EMBEDS
EM-05	COMPILED EMBEDS



EXPIRES April 23, 2019

September 12, 2017

3808 N. Sullivan Bldg. #7 Spokane, WA 99216



Precast Products

901 N. Highway 77 Hillsboro, TX 76645

PROJECT TITLE

DENALI SECTIONAL

BUILDING NUMBER DNS-017

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CXT Incorporated

REV	DESCRIPTION	DATE	DATE
SCALE	NTS	DATE	08-02-17
DRAWN	ROB D WALKER	FILE NO.	DNS-017
CHECKED	ROW	PLOT	

COVER SHEET

DWG NO.	SHEET	REV
DNS-01	1	
	29	

CASTING TOLERANCES:

OVERALL LENGTH OR WIDTH
10 FT OR UNDER = $\pm 1/8"$
10 TO 20 FT = $\pm 1/8"$, $-3/16"$
20 TO 40 FT = $\pm 1/4"$
TOTAL THICKNESS = $-1/8"$, $+1/4"$
VARIATION FROM SQUARE = $\pm 1/8"$ PER 8 FT OF DIAGONAL
LOCAL SMOOTHNESS = $1/4"$ IN 10 FT
SWEEP = $\pm 1/4"$
POSITION OF TENDONS = $\pm 1/4"$
POSITION OF BLOCKOUTS = $\pm 1/4"$
SIZE OF BLOCKOUTS = $\pm 1/4"$
POSITION OF EMBEDS = $\pm 1/4"$
TOPPING AND FLUSHNESS OF PLATES = $\pm 1/8"$, $-1/4"$
BOWING = LENGTH/360
END SQUARENESS = $\pm 1/8"$

WASHINGTON STATE TAG, APPROVAL, AND PE DRAWINGS REQUIRED

WALL TEXTURE: BOARD & BATT / RIVERROCK
WALL COLOR: TBD
STONE COLOR: NATURAL GREY
ROOF TEXTURE: CEDAR SHAKE
ROOF COLOR: TBD
TRIM PAINT: BROWN

DENALI SECTIONAL

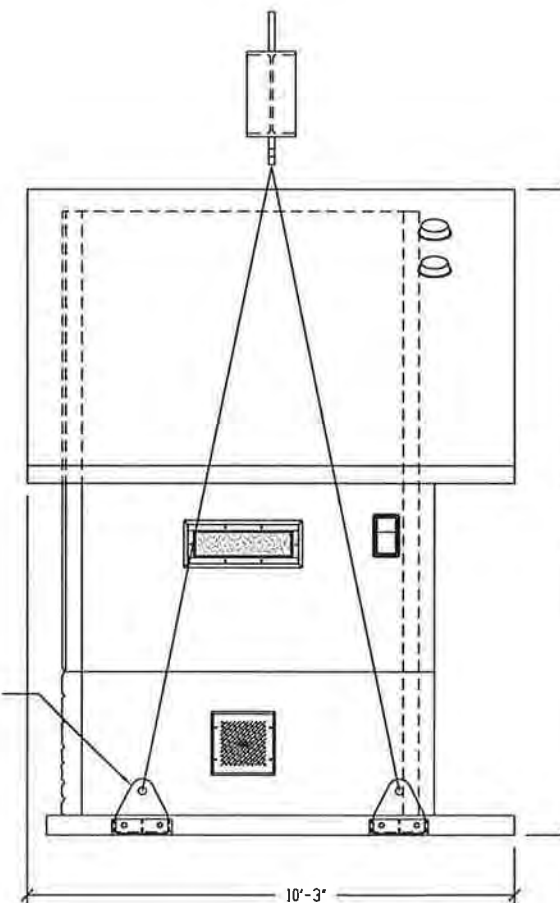
RECOMMENDED HANDLING AND INSTALLATION INSTRUCTIONS

-


SOFTENER REQUIRED
TO PREVENT SPALLING
(TYP 4 PLCS)

HOISTING CABLE SLINGS
W/ LOCKING SHACKLE @ TOP
MINIMUM CABLE TENSILE
CAPACITY = 10 TON

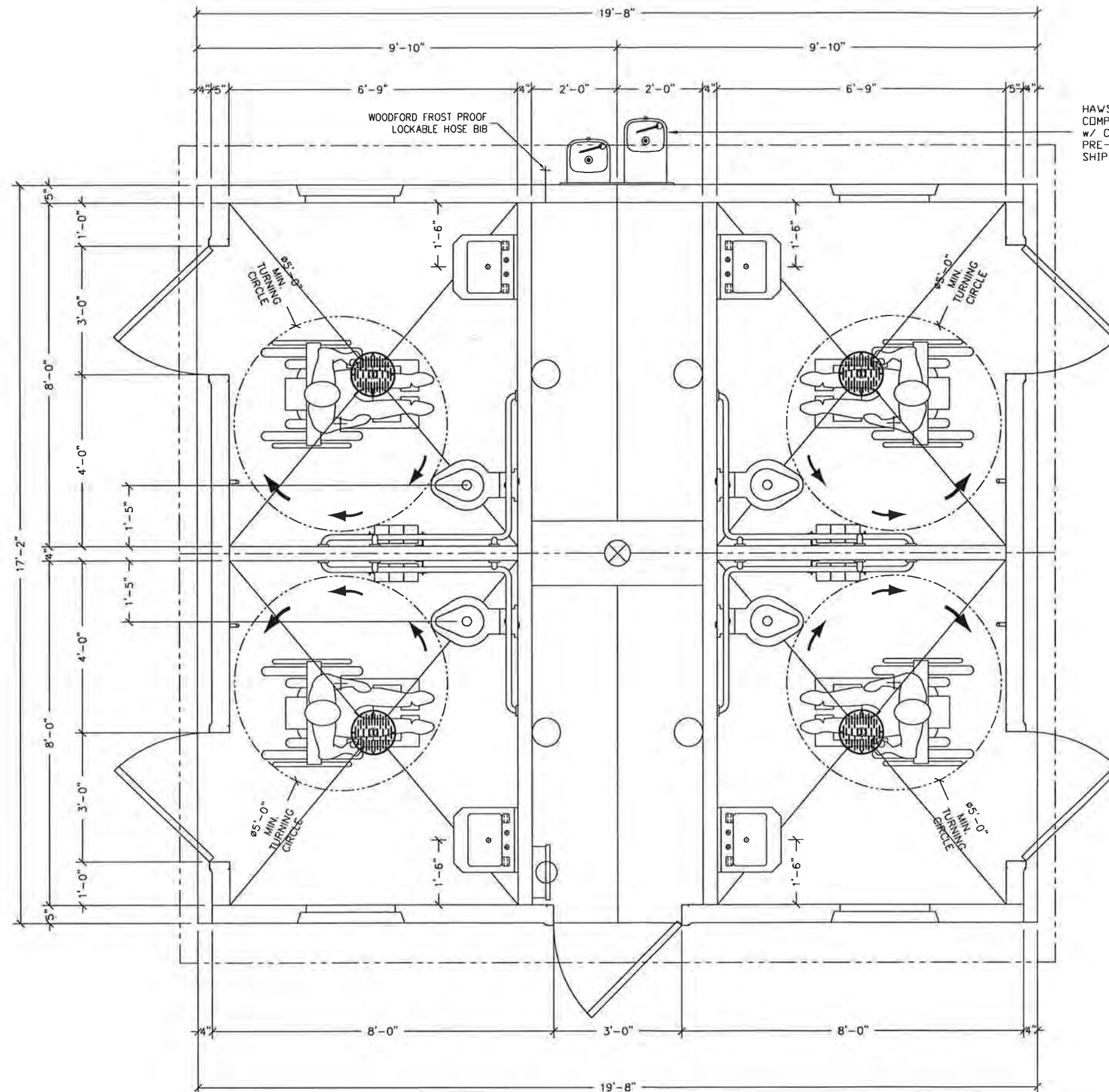
PS-22 LIFTING L ATTACH TO
AS-3 EMBEDS W/ (2) 1 1/2" DIA
HIGH TENSILE COIL BOLTS
(SHEAR CAPACITY = 18,000# PER BOLT)



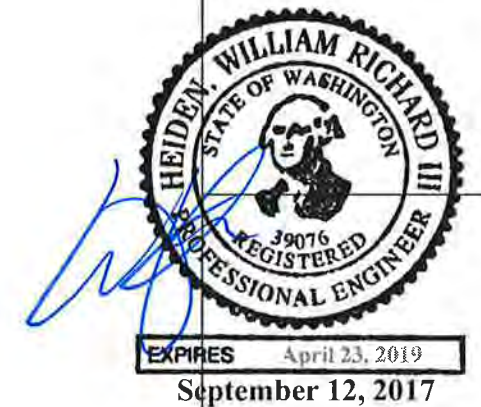
CRANE LIFTING SCHEMATIC - UNITS A & B

& B

 EXPIRES April 23, 2019
 September 12, 2017

- [illegible]



HAWS #1119FR ADA
COMPLIANT DRINKING FOUNTAIN
W/ CANE SKIRT
PRE-PLUMB AT PLANT
SHIP LOOSE - INSTALL AT SITE



3808 N. Sullivan Bldg #7 Spokane, WA 99216



901 N. Highway 77 Hillsboro, TX 76645

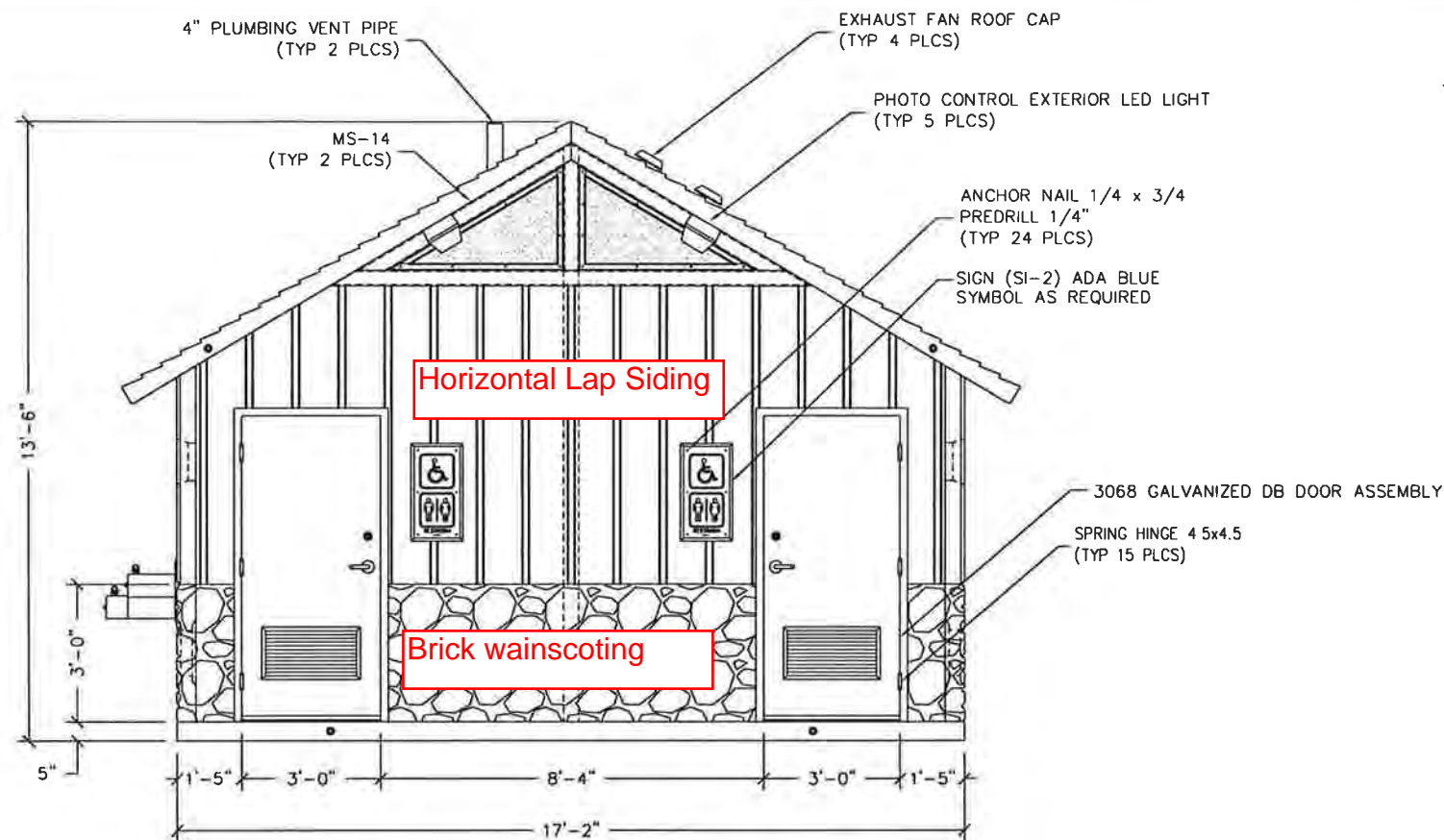
PROJECT TITLE
DENALI SECTIONAL
BUILDING NUMBER DNS-017

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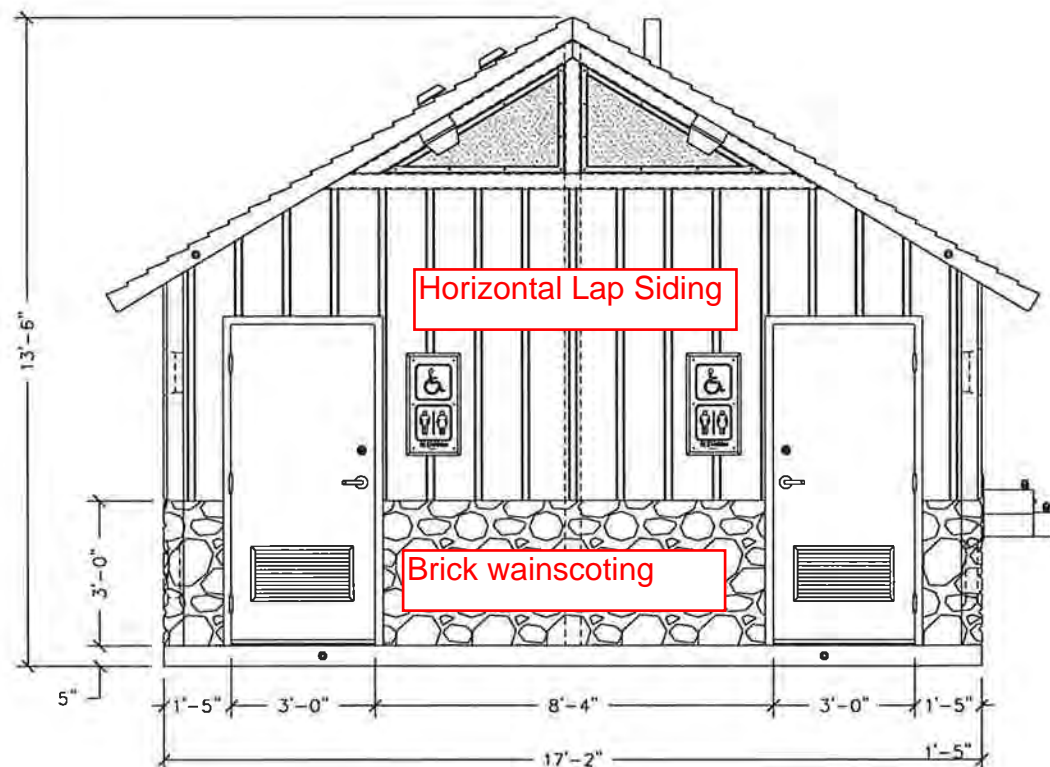
CXT Incorporated			
REV	DESCRIPTION	APPROVAL	DATE
SCALE	3/8"=1'-0"	DATE	08-07-17
DRAWN	ROB D WALKER	FILE NO.	DNS-017
CHECKED	RM	PLOT	32

FLOOR PLAN

DWG NO	SHEET	REV
DNS-03	3	29



FRONT ELEVATION

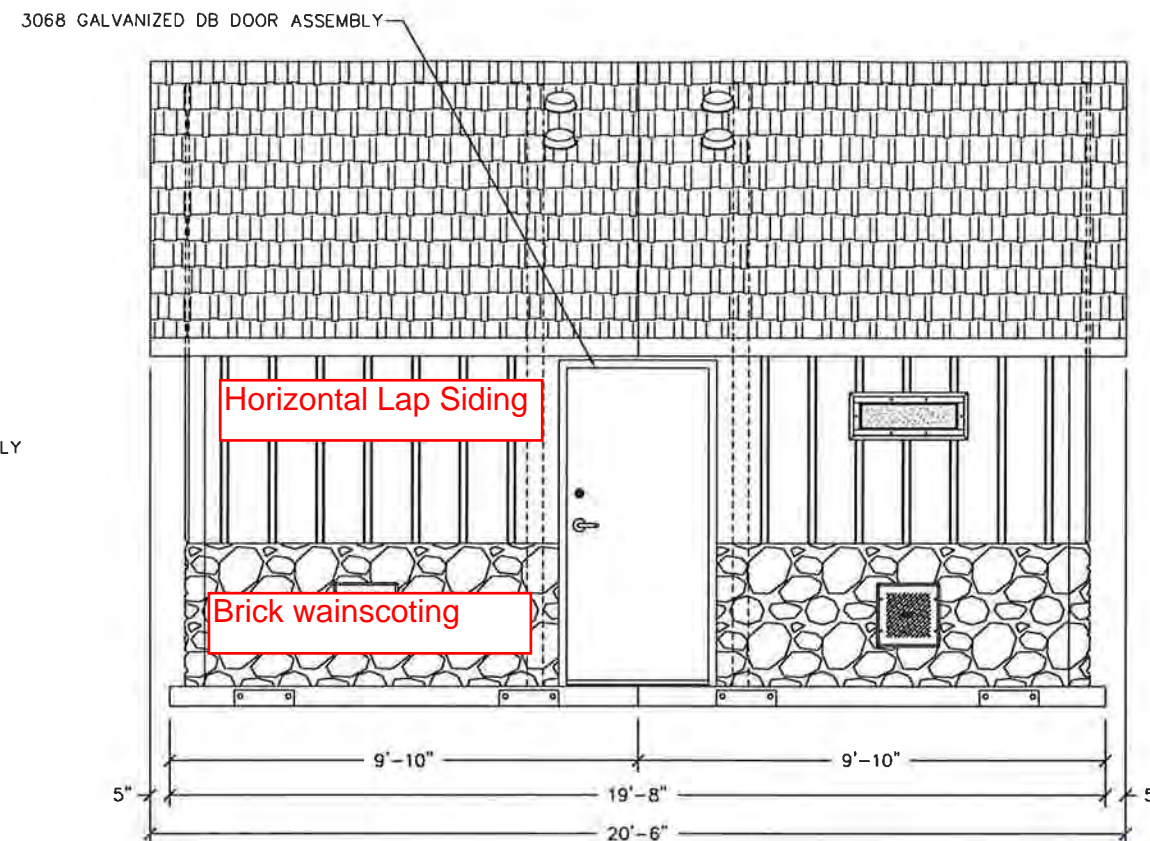


REAR ELEVATION

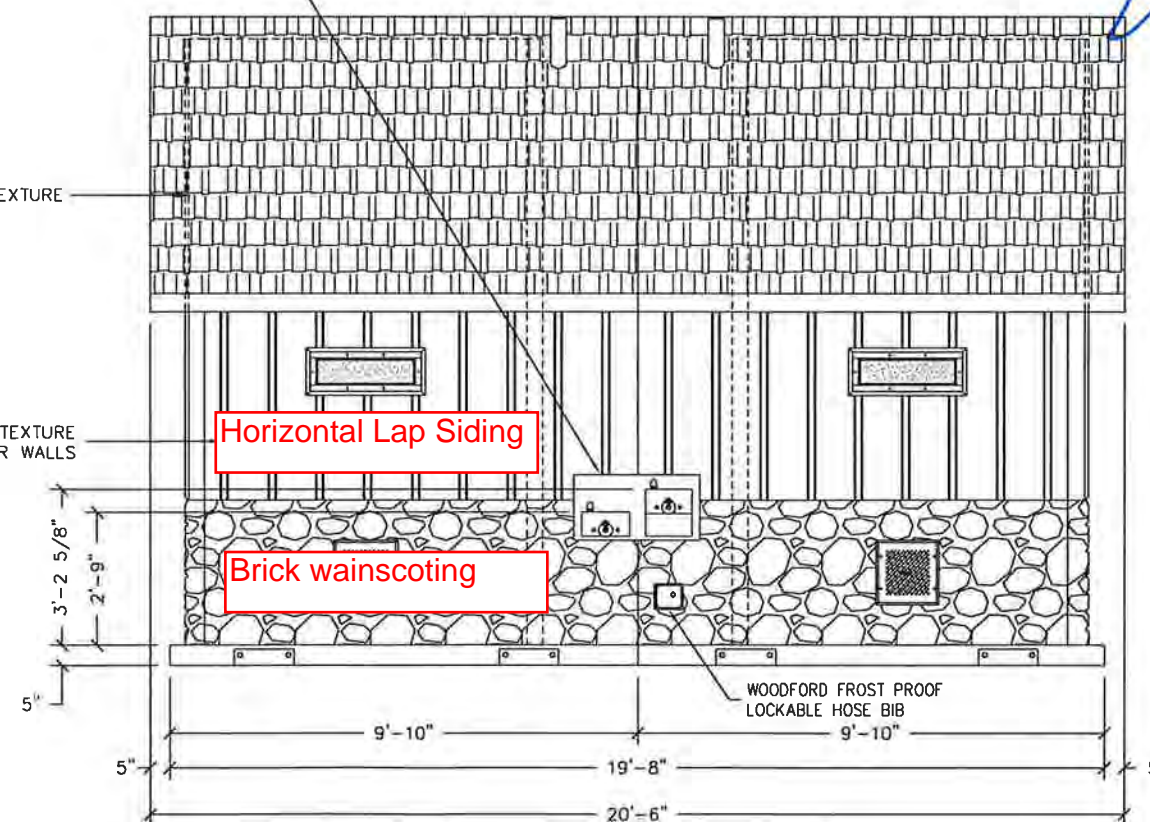
ADA COMPLIANT DRINKING FOUNTAIN W/ CANE SKIRT
PRE-PLUMB AT PLANT
SHIP LOOSE - INSTALL AT SITE

CEDAR SHAKE ROOF TEXTURE

BOARD & BATT / RIVER ROCK TEXTURE
TYP ALL EXTERIOR WALLS



RIGHT SIDE ELEVATION



LEFT SIDE ELEVATION

NOTE: BASELINE OF LOWEST TACTILE CHARACTER ON SIGN TO BE 48"-60" AFF

EMBEDDED MATERIALS

ITEM	QTY
3068 DOOR ASSEMBLY	5
SPRING HINGE 4.5x4.5	15
ADA DRINKING FOUNTAIN	1
SI-2	4
ANCHOR NAIL 1/4x3/4	24
MS-14	2

CU. FT. CONC. SQ. FT. W.W.F.



EXPIRES April 23, 2019

September 12, 2017

3808 N. Sullivan Bldg #7 Spokane, WA 99216



901 N. Highway 77 Hillsboro, TX 76645

PRODUCT TITLE
DENALI SECTIONAL
BUILDING NUMBER DNS-017

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REV.	DESCRIPTION	DATE	APPROVAL	DATE
SCALE	1/4"=1'-0"	DATE	08-07-17	
DRAWN	ROB D WALKER	FILE NO.	DNS-017	
CHECKED	RDW	PLOT	48	

BUILDING ELEVATIONS

DWG. NO.	SHEET	REV.
DNS-04	4	29

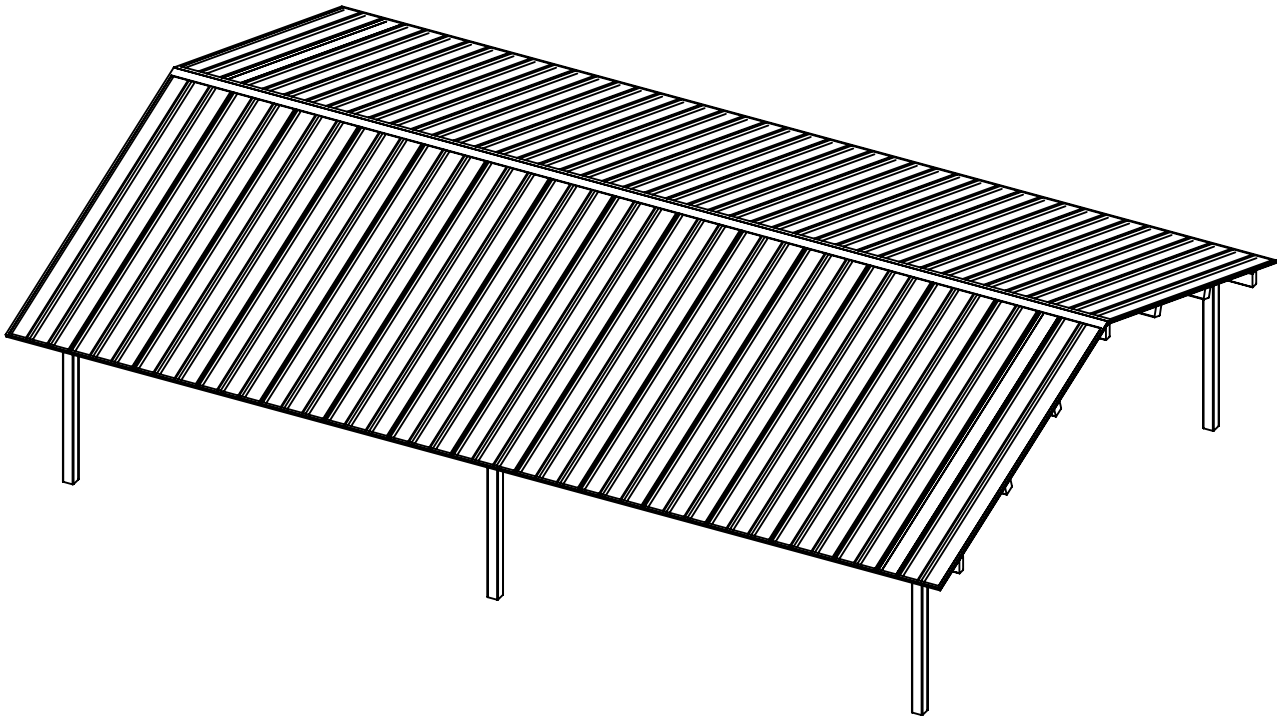


PROJECT:

LOCATION:

BUILDING TYPE: REK 30x44

ROOF TYPE: MULTI-RIB



DRAWING LIST:

SHEET NUMBER	DRAWING DESCRIPTION
CS	COVER SHEET
1	ARCHITECTURAL ELEVATIONS
2	STRUCTURAL FRAMING PLAN
3	COLUMN LAYOUT

FABRICATOR APPROVALS:
CITY OF PHOENIX, AZ APPROVED FABRICATOR #C08-2010
CITY OF LOS ANGELES, CA APPROVED FABRICATOR #1596
CITY OF RIVERSIDE, CA APPROVED FABRICATOR #SP06-0033
CITY OF HOUSTON, TX APPROVED FABRICATOR #470
CLARK COUNTY, NV APPROVED FABRICATOR #264
STATE OF UTAH APPROVED FABRICATOR 02008-14

CERTIFICATES:
MIAMI-DADE COUNTY CERTIFICATE OF COMPETENCY NO. 16-1025.01
PCI (POWDER COATING INSTITUTE) 4000 CERTIFIED

DESCRIPTION	ASTM DESIGNATION
TUBE STEEL	A500 (GRADE B)
SCHEDULE PIPE	A53 (GRADE B)
RMT PIPE	A519
LIGHT GAGE COLD FORMED	A1003 (GRADE 50)
STRUCTURAL STEEL PLATE	A36
ROOF PANELS (STEEL)	A653

GENERAL NOTES:
UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED TO ONLY SUPPORT WHAT IS SHOWN ON THESE DRAWINGS. POLIGON MUST BE CONTACTED IF ANYTHING ELSE IS TO BE ATTACHED TO THIS STRUCTURE (WALLS, COLUMN WRAPS, RAILINGS, ETC.) SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED ASSUMING A 20' SEPARATION BETWEEN ANY ADJACENT STRUCTURE WITH AN EAVE HEIGHT EQUAL TO OR GREATER THAN THE EAVE HEIGHT OF THIS STRUCTURE. IF THAT SEPARATION DOES NOT EXIST, POLIGON MUST BE CONTACTED SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION MANUAL.

ALL WELDING IS PERFORMED BY AMERICAN WELDING SOCIETY CERTIFIED WELDERS AND CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED.

PARTS SHOWN MAY BE UPGRADED DUE TO STANDARDIZED FABRICATION. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT THE PRIMARY FRAME INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM FIVE (5) YEARS DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT ELECTRIC WIRING, IF REQUIRED, BE RUN THROUGH THE STRUCTURAL MEMBERS BEFORE THE BUILDING IS ERECTED.

STOP!!
NOT FOR CONSTRUCTION

USE FOR PRELIMINARY
PLANNING AND ESTIMATING
ONLY

DRAWING:
COVER SHEET

SCALE:
1:96

REV LEVEL:
A

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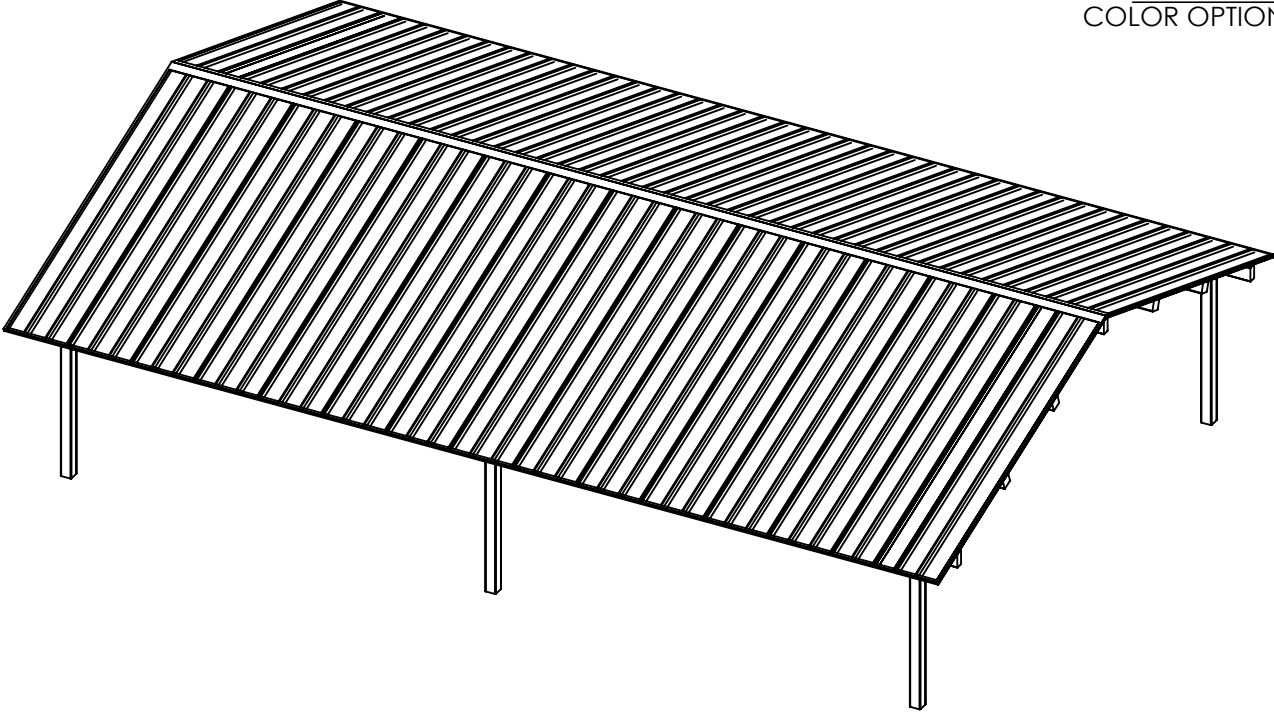
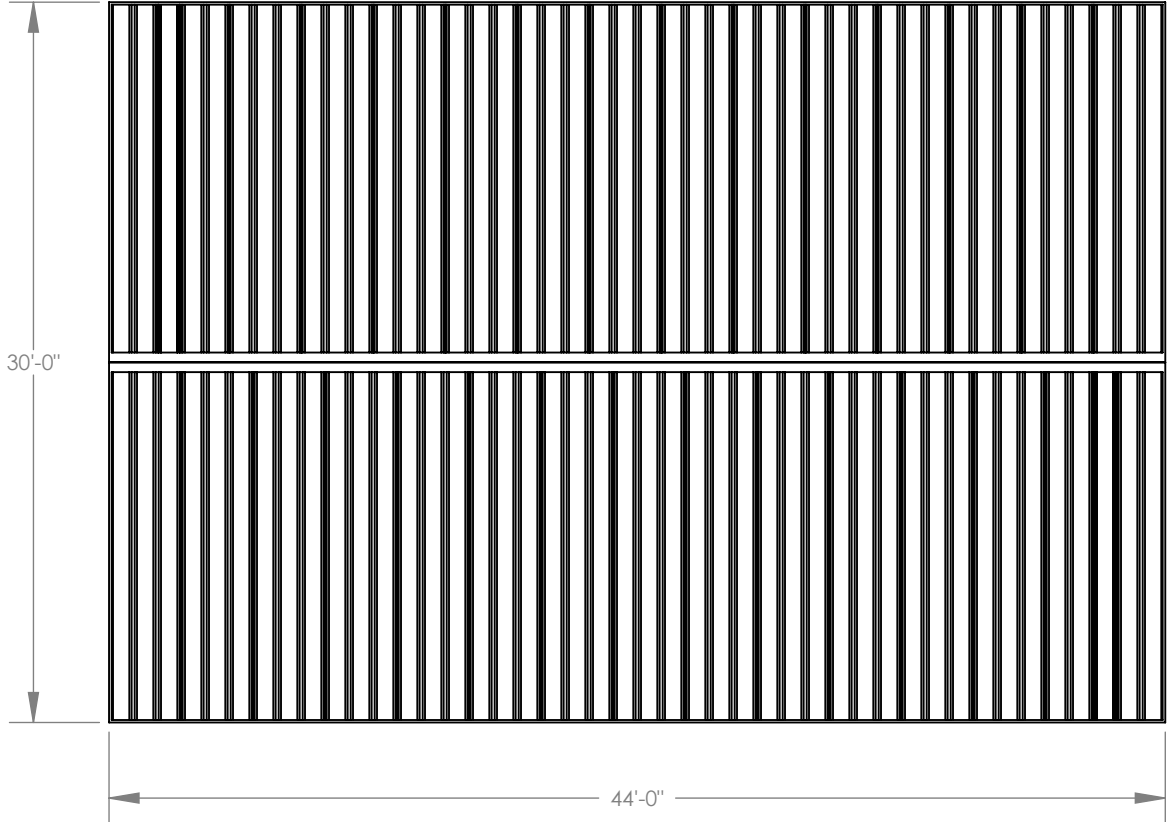
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SHEET

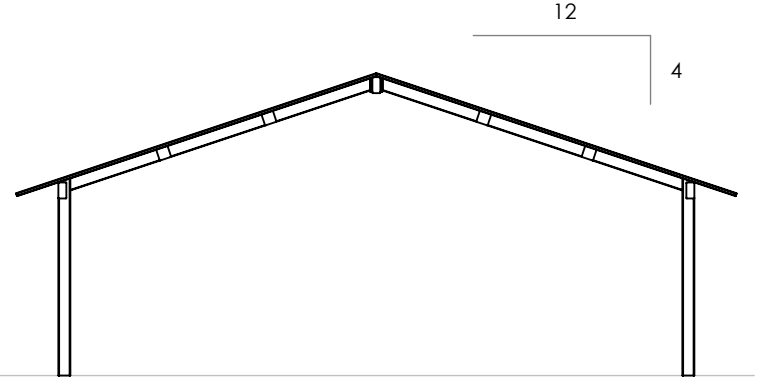
CS

GENERAL ROOF NOTES:

1. METAL ROOFING:
 - 24 GAUGE
 - GALVALUME COATED
 - KYNAR 500 PAINTED
2. TRIM COLOR MATCHES ROOF
3. SEE POLIGON.COM FOR COLOR OPTIONS



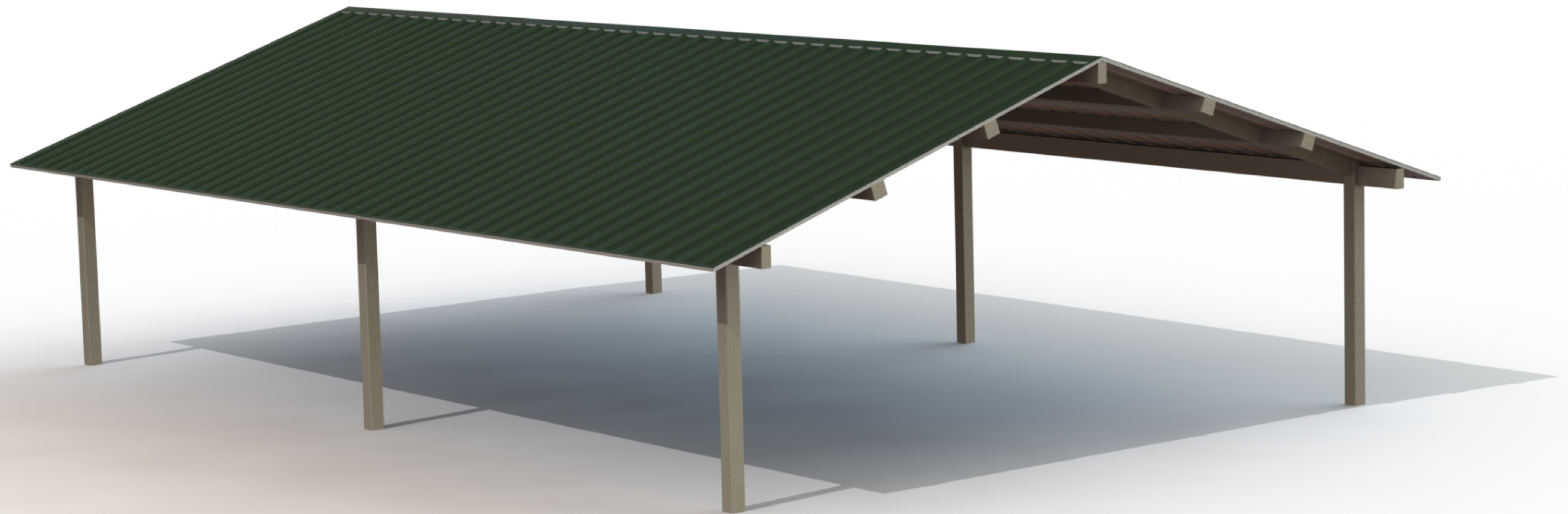
FINISH GRADE.
MOUNTING VARIES
BASED ON ENGINEERING
REQUIREMENTS.



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ONLY

DRAWING: ARCHITECTURAL ELEVATIONS	
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SHEET 1	



FRAME COLOR: SURREY BEIGE
ROOF COLOR: EVERGREEN

COLORS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. FOR OTHER
COLOR SELECTIONS, PLEASE SUBMIT AN E1 DRAWING REQUEST.

REK 30x44

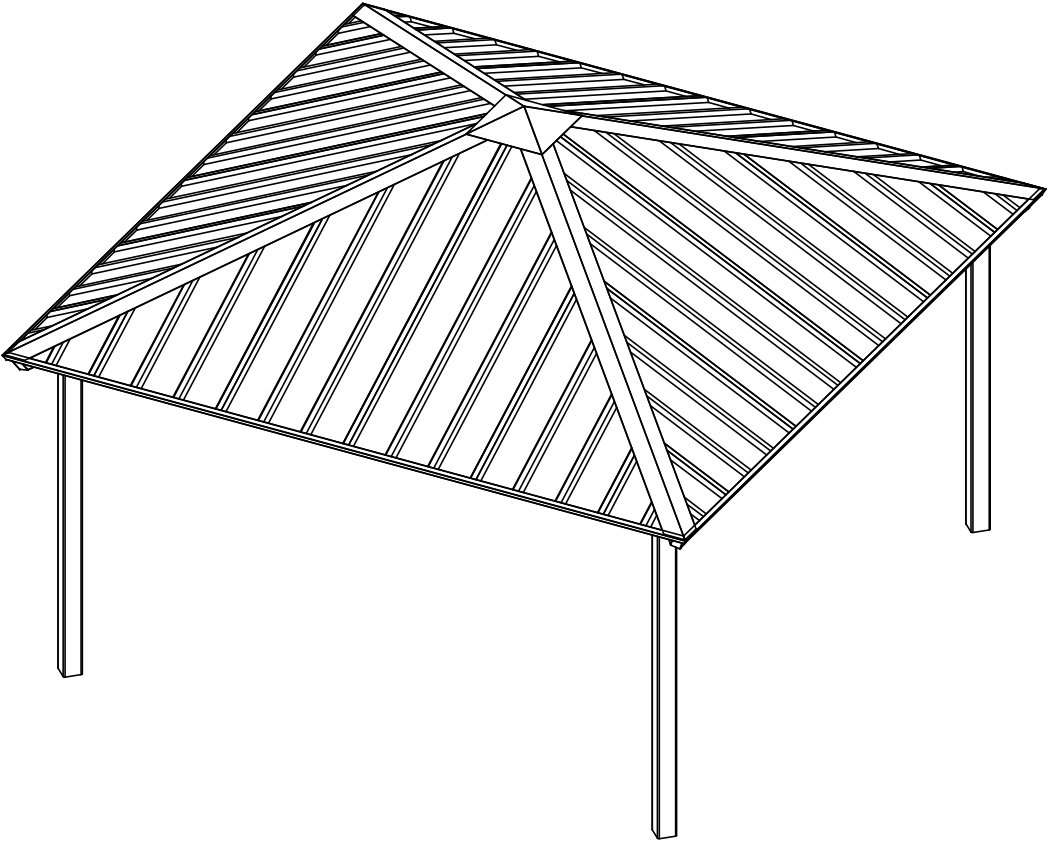


PROJECT:

LOCATION:

BUILDING TYPE: SQR-16

ROOF TYPE: MULTI-RIB



DRAWING LIST:

SHEET NUMBER	DRAWING DESCRIPTION
CS	COVER SHEET
1	ARCHITECTURAL ELEVATIONS
2	STRUCTURAL FRAMING PLAN
3	COLUMN LAYOUT

FABRICATOR APPROVALS:
CITY OF PHOENIX, AZ APPROVED FABRICATOR #C08-2010
CITY OF LOS ANGELES, CA APPROVED FABRICATOR #1596
CITY OF RIVERSIDE, CA APPROVED FABRICATOR #SP06-0033
CITY OF HOUSTON, TX APPROVED FABRICATOR #470
CLARK COUNTY, NV APPROVED FABRICATOR #264
STATE OF UTAH APPROVED FABRICATOR 02008-14

CERTIFICATES:
MIAMI-DADE COUNTY CERTIFICATE OF COMPETENCY NO. 16-1025.01
PCI (POWDER COATING INSTITUTE) 4000 CERTIFIED

DESCRIPTION	ASTM DESIGNATION
TUBE STEEL	A500 (GRADE B)
SCHEDULE PIPE	A53 (GRADE B)
RMT PIPE	A519
LIGHT GAGE COLD FORMED	A1003 (GRADE 50)
STRUCTURAL STEEL PLATE	A36
ROOF PANELS (STEEL)	A653

GENERAL NOTES:
UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED TO ONLY SUPPORT WHAT IS SHOWN ON THESE DRAWINGS. POLIGON MUST BE CONTACTED IF ANYTHING ELSE IS TO BE ATTACHED TO THIS STRUCTURE (WALLS, COLUMN WRAPS, RAILINGS, ETC.) SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

UNLESS NOTED OTHERWISE, THIS STRUCTURE WAS DESIGNED ASSUMING A 20' SEPARATION BETWEEN ANY ADJACENT STRUCTURE WITH AN EAVE HEIGHT EQUAL TO OR GREATER THAN THE EAVE HEIGHT OF THIS STRUCTURE. IF THAT SEPARATION DOES NOT EXIST, POLIGON MUST BE CONTACTED SO THE DESIGN OF THIS STRUCTURE CAN BE REVIEWED AND POSSIBLY REVISED.

STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED, AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION MANUAL.

ALL WELDING IS PERFORMED BY AMERICAN WELDING SOCIETY CERTIFIED WELDERS AND CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED.

PARTS SHOWN MAY BE UPGRADED DUE TO STANDARDIZED FABRICATION. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT THE PRIMARY FRAME INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM FIVE (5) YEARS DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

FOR PROPER FIELD INSTALLATION OF THE BUILDING IT IS RECOMMENDED THAT ELECTRIC WIRING, IF REQUIRED, BE RUN THROUGH THE STRUCTURAL MEMBERS BEFORE THE BUILDING IS ERECTED.

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DRAWING:
COVER SHEET

SCALE:
1:48

REV LEVEL:
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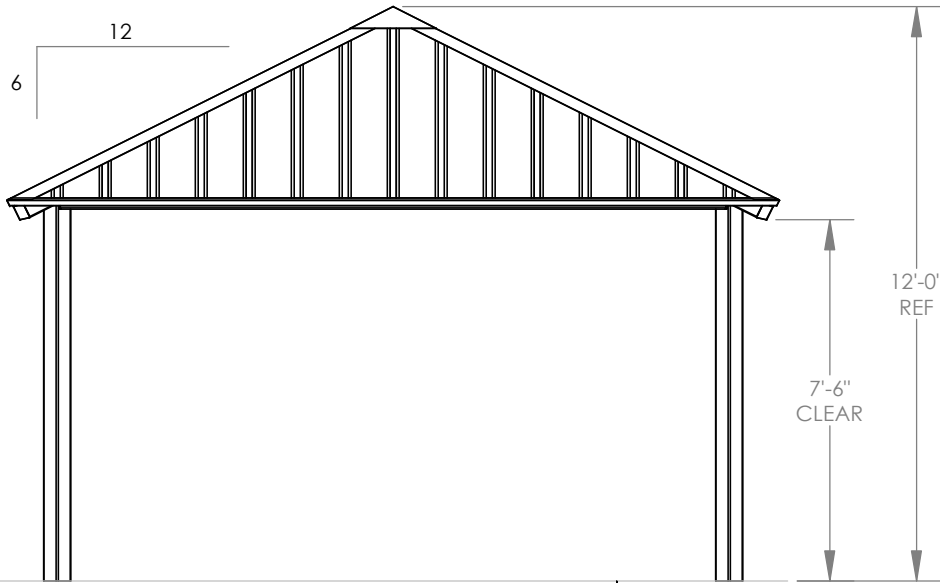
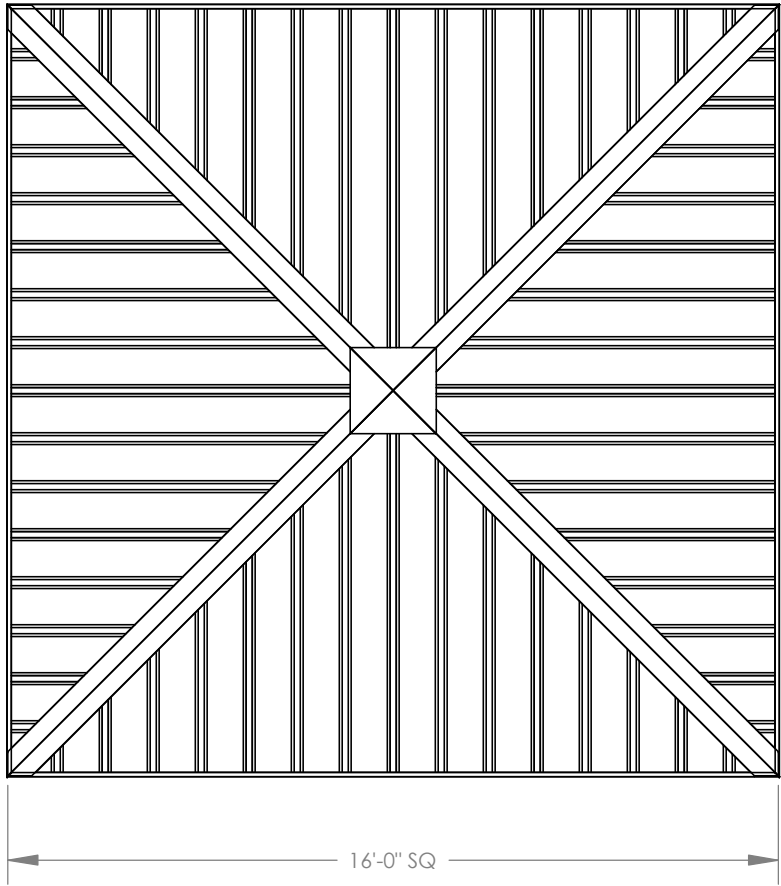
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SHEET

CS

GENERAL ROOF NOTES:

1. METAL ROOFING:
 - 24 GAUGE
 - GALVALUME COATED
 - KYNAR 500 PAINTED
2. TRIM COLOR MATCHES ROOF
3. SEE POLIGON.COM FOR COLOR OPTIONS



FINISH GRADE.
MOUNTING VARIES
BASED ON ENGINEERING
REQUIREMENTS.

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DRAWING: ARCHITECTURAL ELEVATIONS	
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SHEET 1	



FRAME COLOR: SURREY BEIGE
ROOF COLOR: EVERGREEN

COLORS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. FOR OTHER
COLOR SELECTIONS, PLEASE SUBMIT AN E1 DRAWING REQUEST.

SOUTHEAST SPORTS COMPLEX-NEIGHBORHOOD PARK ELEMENTS



KXLY Kit of Parts

TallGrass Pattern Seating - SiteScapes Inc or Equal



30' x 44' Poligon Shelter with Grass detail (black frame/copper penny roof) or Equal

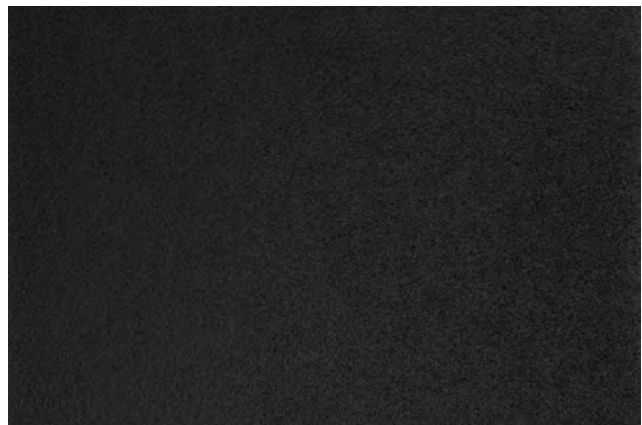


16' x 16' Poligon Shelter (black frame/copper penny roof) or equal



KXLY Kit of Parts

Bike Garden Bike Rack - Forms + Surfaces or Equal



Black Powder Coating



Denali CXT Shelter with Brick Wainscoting and Lap Siding or Equal



City of Spokane Standard Waste/Recycle Receptacle



Black Powder Coating

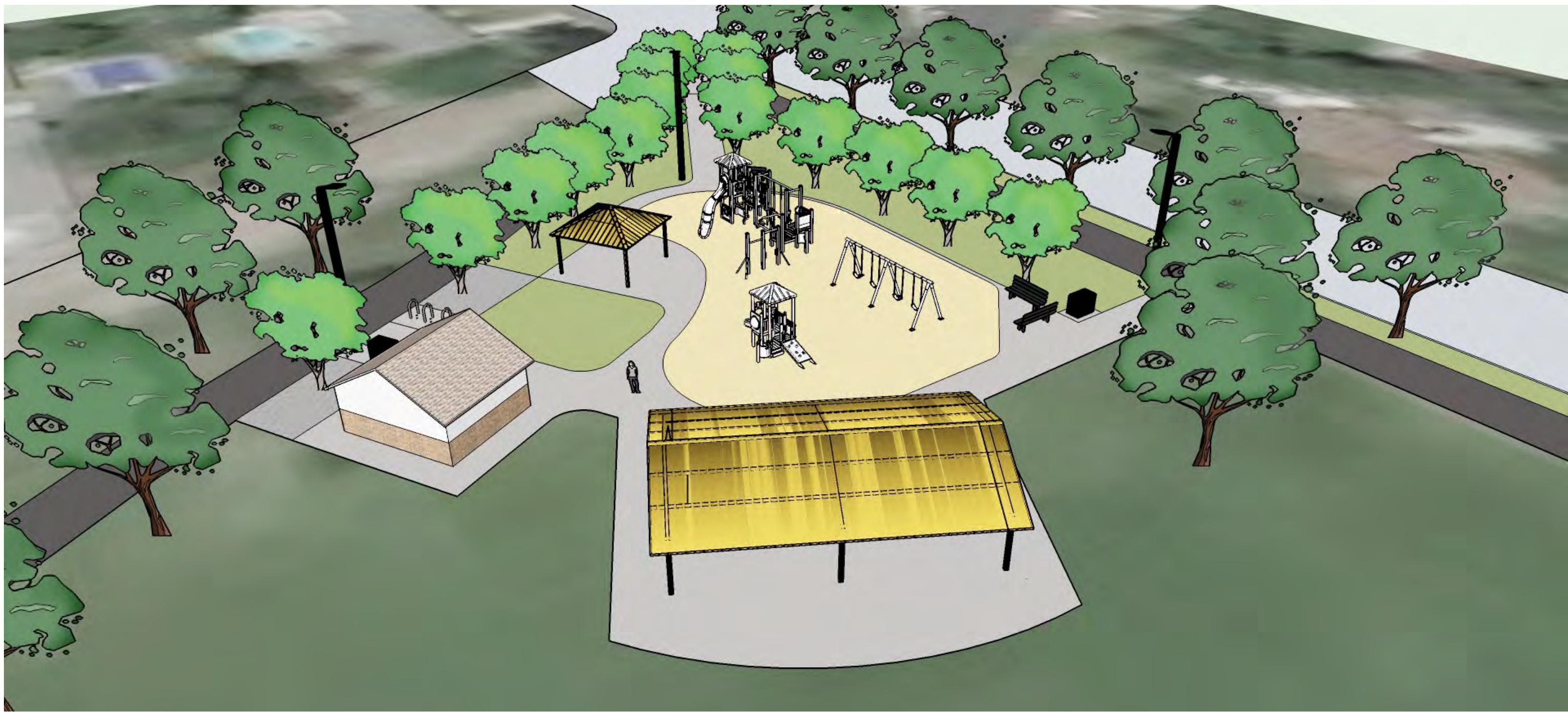


City of Spokane Park Standard -Cree XSP or equal

SOUTHEAST SPORTS COMPLEX-NEIGHBORHOOD PLAYGROUND ELEMENTS AND COLORS



SOUTHEAST SPORTS COMPLEX-3D MASSING AND SPACIAL RELATIONSHIPS



Wall Textures

STANDARD



Barnwood



Split Face Block

OPTIONAL



Stucco



Exposed Aggregate

SPECIALITY



Horizontal Lap Siding



Board & Batt



Brick



Field Stone



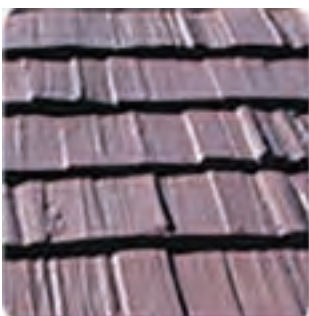
River Rock



Napa Valley

Roof Textures

STANDARD



Cedar Shake

OPTIONAL



Delta







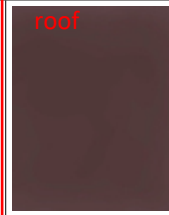

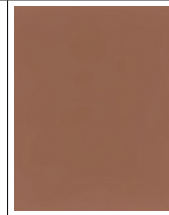




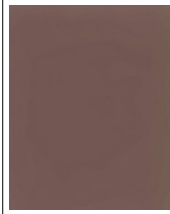
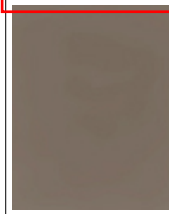
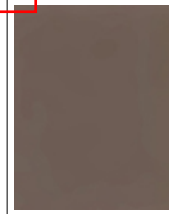
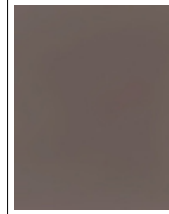

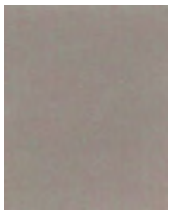
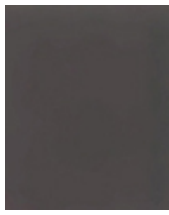
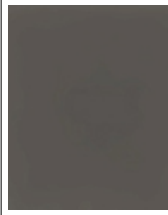
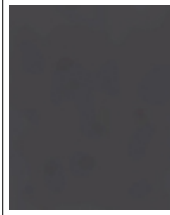
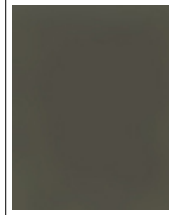




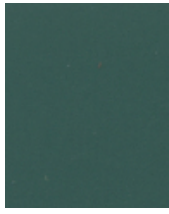
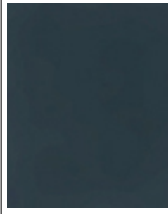
Exposed Aggregate

SPECIALITY



Tile

Color Chart

							
AMBER ROSE	GEORGIA BRICK	SUN BRONZE	SALSA RED	BERRY MAUVE	ROSEWOOD	GOLDEN BEIGE	PUEBLO GOLD
							
BUCKSKIN	NATURAL HONEY	WESTERN WHEAT	OATMEAL BUFF	RICH EARTH	TOASTED ALMOND	COCA MILK	MOCHA CARMEL
							
SAND BEIGE	LIBERTY TAN	JAVA BROWN	CAPPUCCION CREAM	MALIBU TAUPE	NUSS BROWN	CHARCOAL GRAY	RAVEN BLACK
							
SAGE	HUNTER GREEN	EVERGREEN	GRANITE ROCK				

Stone Color Options



Mountain Blend



Basalt



Natural Grey



Ramona

XSP Series

XSP1™ LED Street/Area Luminaire – Single Module – Version C

Product Description

Designed from the ground up as a totally optimized LED street and area lighting system, the XSP Series delivers incredible efficiency without sacrificing application performance. Beyond substantial energy savings and reduced maintenance, Cree achieves greater optical control with our NanoOptic® Precision Delivery Grid™ optic when compared to traditional cobra head luminaires. The XSP Series is the better alternative for traditional street and area lighting with quick payback and improved performance.

Applications: Roadway, parking lots, walkways and general area spaces

Performance Summary

NanoOptic® Precision Delivery Grid™ optic

Assembled in the U.S.A. of U.S. and imported parts

CRI: Minimum 70 CRI

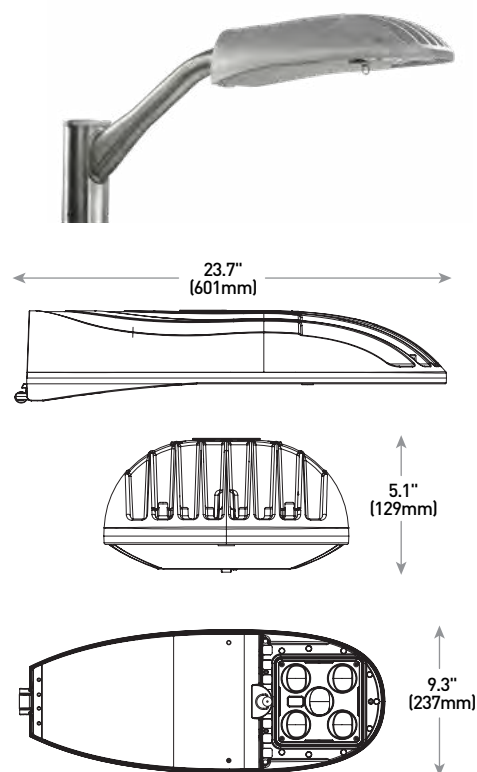
CCT: 3000K (+/- 300K); 4000K (+/- 300K); 5700K (+/- 500K)

Limited Warranty*: 10 years on luminaire/10 years on Colorfast DeltaGuard® finish

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

Accessories

Field-Installed	
Backlight Control Shield XA-SP1BLS - Provides 1/2 mounting height cutoff	Bird Spikes XA-SP1BRDSPK



Voltage	Weight
120-277V	14.5 lbs. (6.6kg)
347-480V	19.5 lbs. (8.8kg)

Ordering Information

Example: BXSP-C-HT-2ME-E-30K-UL-BZ

BXSP	C	HT		E				
Product	Version	Mounting	Optic	Input Power Designator	CCT	Voltage	Color Options	Options
BXSP	C	HT Horizontal Tenon	2LG* Type II Long 2ME* Type II Medium 3ME* Type III Medium 4ME* Type IV Medium	E 101W	30K 3000K 40K 4000K 57K 5700K	UL Universal 120-277V UH** Universal 347-480V	BK Black BZ Bronze SV Silver WH White	G Small Four Point Mounting - Mounts to 1.25" (32mm) IP, 1.66" (42mm) O.D. horizontal tenon J Large Four Point Mounting - Mounts to 2" (51mm) IP, 2.375" (60mm) O.D. horizontal tenon N-Q9/Q8/Q7/Q6/Q5/Q4 Utility Label, NEMA® 7-Pin Photocell Receptacle & Field Adjustable Output - Must select Q9, Q8, Q7, Q6, Q5 or Q4 - Settings Q3-Q1 are not available with N option - External wattage label per ANSI C136.15 based on Q setting selected - 7-pin receptacle per ANSI C136.41 - Factory connected 0-10V dim leads - Photocell and shorting cap by others - Power/lumens may only be adjusted down in the field - Refer to page 6 for power and lumen values Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1 Field Adjustable Output - Must select Q9, Q8, Q7, Q6, Q5, Q4, Q3, Q2, or Q1 - Power/lumens are fully adjustable in the field - Refer to page 6 for power and lumen values R NEMA® 7-Pin Photocell Receptacle - 7-pin receptacle per ANSI C136.41 - Factory connected 0-10V dim leads - Photocell and shorting cap by others UTL Utility Label - Includes exterior wattage label per ANSI C136.15 that indicates the maximum available wattage of the luminaire

* Available with Backlight Shield when ordered with field-installed accessory (see table above)

** 347-480V utilizes magnetic step-down transformer. For input power for 347-480V, refer to the Electrical Data table



US: lighting.cree.com

T (800) 236-6800 F (262) 504-5415

Rev. Date: V7 10/04/2018

Canada: www.cree.com/canada



T (800) 473-1234 F (800) 890-7507

Product Specifications

CONSTRUCTION & MATERIALS


- Die cast aluminum housing
- Tool-less entry
- Mounts on 1.25" [32mm] IP, 1.66" [42mm] O.D. or 2" [51mm] IP, 2.375" [60mm] O.D. horizontal tenon (minimum 8" [203mm] in length) and is adjustable +/- 5° to allow for fixture leveling (includes two axis T-level to aid in leveling)
- Luminaire secures with two mounting bolts standard; optional four point mounting available
- Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Black, bronze, silver and white are available
- **Weight:** 120-277V: 14.5 lbs. [6.6kg]; 347-480V: 19.5 lbs. [8.8kg]

ELECTRICAL SYSTEM

- **Input Voltage:** 1120-277V or 347-480V, 50/60Hz
- **Power Factor:** > 0.9 at full load
- **Total Harmonic Distortion:** < 20% at full load
- Class 1 driver
- Integral 10kV surge suppression protection standard
- When code dictates fusing, a slow blow fuse or type C/D breaker should be used to address inrush current
- Designed with 0-10V dimming capabilities. Controls by others
- **10V Source Current:** 0.15mA

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for wet locations
- Certified to ANSI C136.31-2001, 3G bridge and overpass vibration standards
- Meets CALTrans 611 Vibration testing
- 10kV surge suppression protection tested in accordance with IEEE/ANSI C62.41.2
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions
- Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117
- Meets Buy American requirements within ARRA
- RoHS compliant. Consult factory for additional details
- Dark Sky Friendly, IDA Approved when ordered with 30K CCT. Please refer to <http://darksky.org/fsa/fsa-products/> for most current information

-  **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

Electrical Data*

Input Power Designator	System Watts 120-277V	System Watts 347-480V	Total Current (A)					
			120V	208V	240V	277V	347V	480V
E	101	108	0.89	0.50	0.44	0.39	0.32	0.23

* Electrical data at 25°C [77°F]. Actual wattage may differ by +/- 10% when operating between 120-480V +/- 10%

XSP Series Version C Ambient Adjusted Lumen Maintenance¹

Ambient	Initial LMF	25K hr Projected ² LMF	50K hr Projected ² LMF	75K hr Calculated ³ LMF	100K hr Calculated ³ LMF
5°C (41°F)	1.04	1.02	1.01	1.00	0.99
10°C (50°F)	1.03	1.01	1.00	0.99	0.98
15°C (59°F)	1.02	1.00	0.99	0.98	0.97
20°C (68°F)	1.01	0.99	0.98	0.97	0.96
25°C (77°F)	1.00	0.98	0.97	0.96	0.95

¹ Lumen maintenance values at 25°C [77°F] are calculated per TM-21 based on LM-80 data and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors

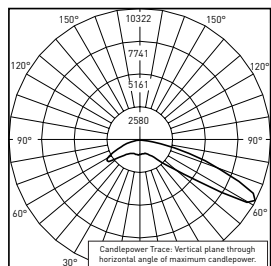
² In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ([DUT] i.e. the packaged LED chip)

³ 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)

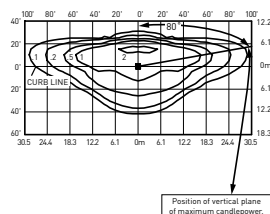
Photometry

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: <http://lighting.cree.com/products/outdoor/street-and-roadway/xsp-series-1>

2LG



CESTL Test Report #: PL04154-001
BXSP-C--2LG-E-30K-UL**
Initial Delivered Lumens: 6,944

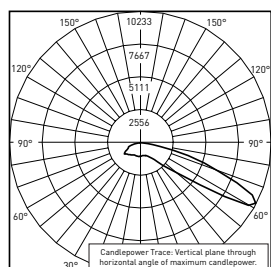


BXSP-C--2LG-E-30K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 6,816
Initial FC at grade

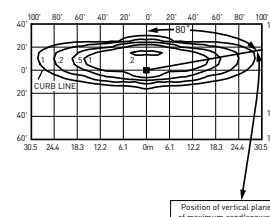
Type II Long Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
E	6,816	B2 U0 G2	8,315	B2 U0 G2	8,724	B2 U0 G2

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

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>



CESTL Test Report #: PL04155-001
BXSP-C--2LG-E-30K-UL w/XA-SP1BLS**
Initial Delivered Lumens: 5,302



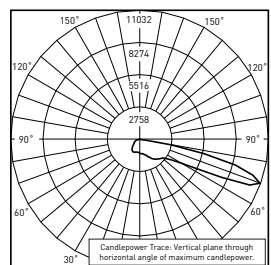
BXSP-C--2LG-E-30K-UL w/XA-SP1BLS**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 5,018
Initial FC at grade

Type II Long w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
E	5,018	B1 U0 G1	6,122	B1 U0 G1	6,423	B1 U0 G1

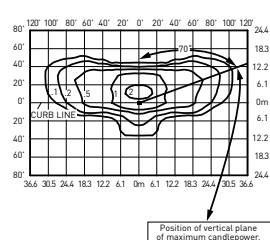
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

2ME



RESTL Test Report #: PL10389-001A
BXSP-C--2ME-E-40K-UL**
Initial Delivered Lumens: 8,740

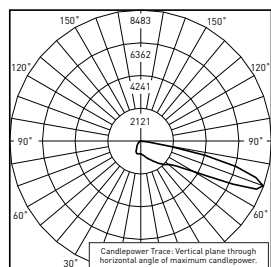


BXSP-C--2ME-E-40K-UL**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 8,407
Initial FC at grade

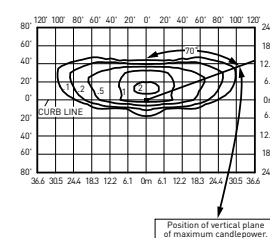
Type II Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
E	6,891	B1 U0 G2	8,407	B2 U0 G2	8,820	B2 U0 G2

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

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>



RESTL Test Report #: PL10389-002A
BXSP-C--2ME-E-40K-UL w/XA-SP1BLS**
Initial Delivered Lumens: 6,759



BXSP-C--2ME-E-40K-UL w/XA-SP1BLS**
Mounting Height: 25' (7.6m) A.F.G.
Initial Delivered Lumens: 6,750
Initial FC at grade

Type II Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
E	5,525	B1 U0 G2	6,750	B1 U0 G2	7,075	B1 U0 G2

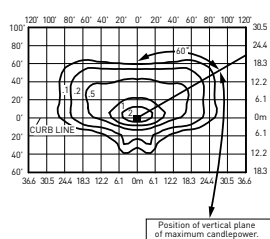
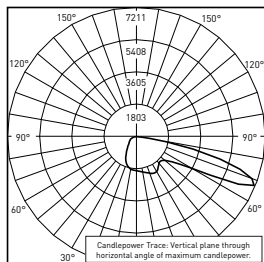
* Initial delivered lumens at 25°C (77°F). Actual production yield may vary between -10 and +10% of initial delivered lumens

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

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: <http://lighting.cree.com/products/outdoor/street-and-roadway/xsp-series-1>

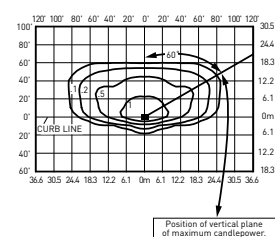
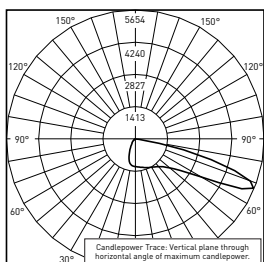
3ME



Type III Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
E	6,741	B1 U0 G2	8,224	B2 U0 G2	8,628	B2 U0 G2

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

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

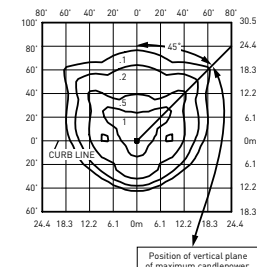
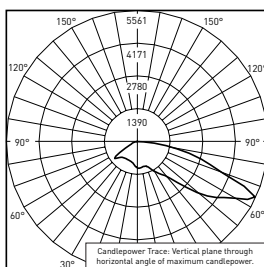


Type III Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
E	5,000	B1 U0 G2	6,100	B1 U0 G2	6,400	B1 U0 G2

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

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

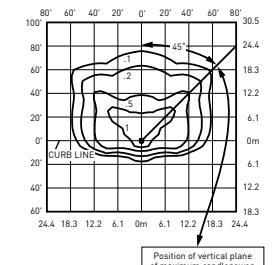
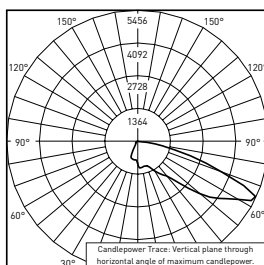
4ME



Type IV Medium Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
E	6,816	B2 U0 G2	8,315	B2 U0 G2	8,724	B2 U0 G2

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

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>








Type IV Medium w/BLS Distribution						
Input Power Designator	3000K		4000K		5700K	
	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11	Initial Delivered Lumens*	BUG Ratings** Per TM-15-11
E	5,318	B1 U0 G1	6,488	B1 U0 G2	6,807	B1 U0 G2

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

** For more information on the IES BUG (Backlight-Uplight-Glare) Rating visit: <https://www.ies.org/wp-content/uploads/2017/03/TM-15-11BUGRatingsAddendum.pdf>

Luminaire EPA

Horizontal Tenon Mount – Weight: 120-277V: 14.5 lbs. (6.6kg); 347-480V: 19.5 lbs. (8.8kg)				
Single	2 @ 90°	2 @ 180°	3 @ 90°	4 @ 90°
Tenon Configuration If used with Cree tenons, please add tenon EPA with luminaire EPA				
				
PD-1H4; PT-1H	PD-2H4(90); PT-2H(90)	PD-2H4(180); PT-2H(180)	PD-3H4(90); PT-3H(90)	PD-4H4(90); PT-4H(90)
0.71	1.02	1.43	1.74	2.04

Tenon EPA

Part Number	EPA
PD Series Tenons	0.09
PT Series Tenons	0.10
WM-2L	0.13
XA-TMDA8	0.19

Tenons and Brackets* (must specify color)	
Square Internal Mount Horizontal Tenons (Aluminum) - Mounts to 4" (102mm) square aluminum or steel poles PD-1H4 – Single PD-3H4(90) – 90° Triple PD-2H4(90) – 90° Twin PD-4H4(90) – 90° Quad PD-2H4(180) – 180° Twin	Round External Mount Horizontal Tenons (Aluminum) - Mounts to 2.375"-3" (60-76mm) O.D. round aluminum or steel poles or tenons - Mounts to 3" (76mm), 5" (127mm), or 6" (152mm) square pole with PB-1A* tenon PT-1H – Single PT-3H(90) – 90° Triple PT-2H(90) – 90° Twin PT-4H(90) – 90° Quad PT-2H(180) – 180° Twin
Wall Mount Brackets - Mounts to wall or roof WM-2L – Extended Horizontal	Direct Arm Pole Adaptor Bracket - Mounts to 3-6" (76-152mm) round or square aluminum or steel poles XA-TMDA8

* Refer to the [Bracket and Tenons spec sheet](#) for more details

* Specify pole size: 3 (3"), 5 (5"), or 6 (6") for single, double or triple luminaire orientation or 5 (5") or 6 (6") for quad luminaire orientation

Field Adjustable Output (Q9/Q8/Q7/Q6/Q5/Q4/Q3/Q2/Q1) Option Description:

The Field Adjustable Output option enables luminaires within the XSP Series on this page to be tuned to the exact needs of a particular application through multiple levels of adjustment. When a setting other than Q9 is specified with the N option, that setting becomes the maximum wattage of the luminaire, and a NEMA label reflecting this wattage is affixed to the luminaire. Lumen output and power consumption can only be adjusted downward from the maximum wattage.

Q Option Power & Lumen Data

Q Option Setting	CCT	System Watts†		Lumen Values							
		120-277V	347-480V	2LG	2ME	3ME	4ME	2LG w/BLS	2ME w/BLS	3ME w/BLS	4ME w/BLS
9	30K	101	108	6,816	6,891	6,741	6,816	5,018	5,525	5,000	5,318
	40K			8,315	8,407	8,224	8,315	6,122	6,750	6,100	6,488
	57K			8,724	8,820	8,628	8,724	6,423	7,075	6,400	6,807
8	30K	98	104	6,612	6,684	6,539	6,612	4,867	5,359	4,850	5,158
	40K			8,066	8,155	7,977	8,066	5,938	6,548	5,917	6,293
	57K			8,462	8,555	8,369	8,462	6,230	6,863	6,208	6,603
7	30K	92	98	6,407	6,478	6,337	6,407	4,717	5,194	4,700	4,999
	40K			7,816	7,903	7,731	7,816	5,755	6,345	5,734	6,099
	57K			8,201	8,291	8,110	8,201	6,038	6,651	6,016	6,399
6	30K	87	93	6,203	6,271	6,134	6,203	4,566	5,028	4,550	4,839
	40K			7,567	7,650	7,484	7,567	5,571	6,143	5,551	5,904
	57K			7,939	8,026	7,851	7,939	5,845	6,438	5,824	6,194
5	30K	82	88	5,862	5,926	5,797	5,862	4,315	4,752	4,300	4,573
	40K			7,151	7,230	7,073	7,151	5,265	5,805	5,246	5,580
	57K			7,503	7,585	7,420	7,503	5,524	6,085	5,504	5,854
4	30K	74	79	5,521	5,582	5,460	5,521	4,065	4,475	4,050	4,308
	40K			6,735	6,810	6,661	6,735	4,959	5,468	4,941	5,255
	57K			7,066	7,144	6,989	7,066	5,203	5,731	5,184	5,514
3*	30K	68	72	5,180	5,237	5,123	5,180	3,814	4,199	3,800	4,042
	40K			6,319	6,389	6,250	6,319	4,653	5,130	4,636	4,931
	57K			6,630	6,703	6,557	6,630	4,881	5,377	4,864	5,173
2*	30K	60	64	4,567	4,617	4,516	4,567	3,362	3,702	3,350	3,563
	40K			5,571	5,633	5,510	5,571	4,102	4,523	4,087	4,347
	57K			5,845	5,909	5,781	5,845	4,303	4,740	4,288	4,561
1*	30K	52	56	4,158	4,204	4,112	4,158	3,061	3,370	3,050	3,244
	40K			5,072	5,128	5,017	5,072	3,734	4,118	3,721	3,958
	57K			5,322	5,380	5,263	5,322	3,918	4,316	3,904	4,152

* Not available with N option

† Electrical and lumen data at 25°C (77°F). Actual wattage and lumen output may differ by +/-10% when operating between 120-480V +/-10%

PS Series

PSRV Round Tapered Steel Poles

Product Description

Round Tapered Poles combine their graceful, distinctive appearance with quality construction. They are available in lengths of 25' (7.6m), 30' (9.1m), 35' (10.7m), 39' (11.9m), 45' (13.7m), and (15.m). Luminaire mounting is accomplished by attaching the luminaire, via the Round External Mount Vertical or Horizontal Tenon (PB/PT Series), to a 2" (25mm) schedule 80 pipe that is peripherally welded to the top of the shaft. Each pole is shipped complete with galvanized anchor bolts, paper mounting template and base cover. The two-piece non-metallic base cover is held together by two fasteners. The poles come with a reinforced hand hole that is welded to the shaft. The steel hand-hole cover is attached with two high-strength fasteners.

CONSTRUCTION & MATERIALS

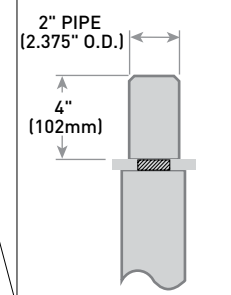
- The shaft, of hot rolled, commercial-quality ASTM A595 Grade A 11-gauge steel, has a minimum-yield strength of 50,000 p.s.i.
- Shaft taper is a uniform 0.140 inch per foot
- One-piece construction features a full length, longitudinal, high frequency resistance weld
- Base plate made of carbon steel with 36,000 p.s.i. minimum yield strength, telescopes the shaft and is welded top and bottom
- Standard poles come with a bronze polyester powder finish that carries a on-year warranty

REGULATORY & VOLUNTARY QUALIFICATIONS

- Grounding lug meets UL and NEC requirements for electrical ground bonding
- AASHTO standards for mechanical strength and windloading
- All Cree poles meet or exceed NEC requirements

PATENTS

- Visit website for patents that cover these products: Patents www.cree.com/patents



Ordering Information

Example: %PSRV25CTBZ

Product [Height (ft) x Width (in) x Wall (in)]		Mounting Configuration*	BZ Color Options
%PSRV25CT* 7.0 x 3.5 RND x 11 Gauge %PSRV30CT* 8.0 x 3.8 RND x 11 Gauge %PSRV35CT* 8.5 x 3.6 RND x 11 Gauge	%PSRV39CT* 9.0 x 3.6 RND x 11 Gauge %PSRV45CT* 10 x 3.7 RND x 11 Gauge %PSRV50CT* 10 x 3.0 RND x 11 Gauge	1 Single ¹ 2 Twin @ 180° 3 Twin @ 90° ¹ 5 Triple ¹ 6 Quad ¹ 7 Triple @ 120° ¹ T Tenon ²	BZ Bronze

¹ Direct mount pole configuration

² Order tenon separately

CA RESIDENTS WARNING: Cancer and Reproductive Harm –
www.p65warnings.ca.gov



US: www.cree.com

T (800) 236-6800 F (262) 504-5415

Rev. Date: V1 R2 10/10/2018

Canada: www.cree.com/canada



T (800) 473-1234 F (800) 890-7507

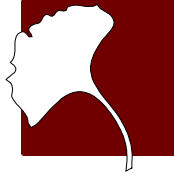
EPA & Weight

Product	Height (ft) x Width (in) x Wall (in)	Pole Shaft	Bolt Circle/Range (in)	Bolt Size (in)	80 MPH Max		90 MPH Max		100 MPH Max		Approx. Shipping Weight
					EPA	Fixture Weight	EPA	Fixture Weight	EPA	Fixture Weight	
%PSRV25CTBZ	7.0 x 3.5 RND x 11 Gauge	7.0" x 3.5" x 25'	10.0/9.5-10.5	1	20.3	507 lbs. [230kg]	18.2	405 lbs. [184kg]	11.5	327 lbs. [148kg]	200 lbs. [91kg]
%PSRV30CTBZ	8.0 x 3.8 RND x 11 Gauge	8.0" x 3.8" x 30'	11.0/10.5-11.5	1	18.9	473 lbs. [215kg]	9.9	373 lbs. [169kg]	5.5	300 lbs. [136kg]	265 lbs. [120kg]
%PSRV35CTBZ	8.5 x 3.6 RND x 11 Gauge	8.5" x 3.6" x 35'	11.5/11-12	1	18.9	472 lbs. [214kg]	5.2	377 lbs. [171kg]	2.0	305 lbs. [138kg]	315 lbs. [143kg]
%PSRV39CTBZ	9.0 x 3.6 RND x 11 Gauge	9.0" x 3.6" x 39'	12.5/12-13	1	17.2	430 lbs. [195kg]	35.1	338 lbs. [153kg]	22.6	270 lbs. [122kg]	355 lbs. [161kg]
%PSRV45CTBZ	10 x 3.7 RND x 11 Gauge	10" x 3.7" x 45'	13.5/13-14	1	17.4	435 lbs. [197kg]	27.9	338 lbs. [153kg]	17.5	265 lbs. [120kg]	450 lbs. [204kg]
%PSRV50CTBZ	10 x 3.0 RND x 11 Gauge	10" x 3.0" x 50'	13.5/13-14	1	13.2	330 lbs. [150kg]	20.3	265 lbs. [120kg]	12.1	208 lbs. [94kg]	475 lbs. [215kg]

NOTE: Hanging signs, banners and flags on poles changes the EPA rating and increases vibration. The EPA ratings data provided does not allow for this added stress which could result in pole or luminaire failure

This map indicates approximate maximum wind zones throughout the U.S. Base wind velocities are established using a 50-year recurring mean. The EPA rating of the pole must be equal to or greater than that of the luminaire(s), taking into consideration the wind conditions at the job site.





Public Meeting Summary

Meeting Date: 9/5/18

Prepared: 9/11/18

Project: Southeast Sports Complex

Project No: 18-027

Re: Southgate Neighborhood Meeting

CC: File

1. Voting Board Summary – Votes per theme
 - a. Sports Theme (3)
 - b. Nature Theme (3)
 - c. Contemporary Theme (10)
2. Comments and notes from the public – 14 comment cards received
 - a. Comments Regarding Sports Theme – Bold Comments were the most frequent statements made.
 - Not a fan of the Sports theme (5)
 - Like the Large Net Structure
 - Second Choice, fits area well
 - Preferred choice
 - b. Comments Regarding Nature Theme – Bold Comments were the most frequent statements made.
 - Do not like the Logs
 - Like the rock features
 - Like the flower structures
 - Allows more creative play
 - Logs not wood
 - Best choice, fits area well, appropriate theme (4)
 - Second choice
 - Do not like this theme (2)
 - c. Comments Regarding Contemporary Theme – Bold Comments were the most frequent statements made.
 - Favorite Concept
 - Does not want a theme park
 - Add large net structure
 - Preferred with ADA accessibility (4)
 - Do not like this theme
 - d. Comments Regarding which you prefer and why– Bold Comments were the most frequent statements made.
 - Combination of Option #2 and #3
 - Swings encouraged to be included
 - Add musical features

Michael Terrell ■ Landscape Architect
(509) 922-7449
mterrell@mt-la.com

Member American Society of Landscape Architects

- Nature theme most appropriate
- Add slides (2)
- Add swings (3)
- Art Elements

Southeast Sports Complex—Phase I

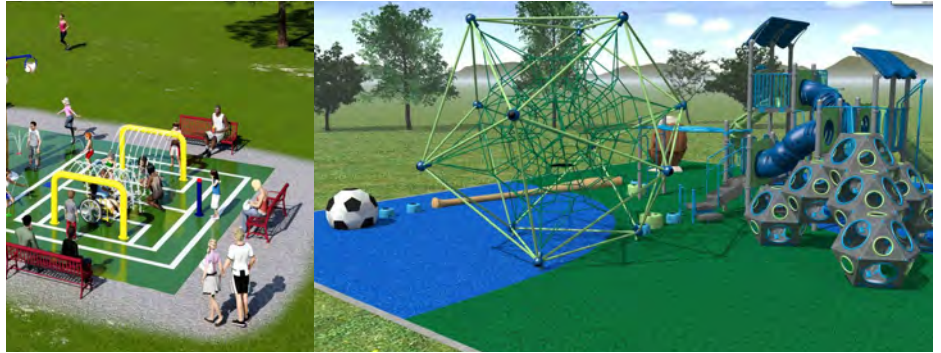
Southgate Neighborhood Meeting - September 5, 2018

Project Contacts

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nhamad@spokanecity.org



Michael Terrell
Landscape Architecture, PLLC
(509) 922-7449
www.mt-la.com



Do you like Option #1—Sports Theme? How would you change or improve it?

Comments:



Do you like Option #2—Nature Theme? How would you change or improve it?

Comments:

[illegible]

Comments: