



the
GARDENS
on Spring Creek





Implementation of 2000 Master Plan

- Build on Master Plan w/new perspective
- New solutions for a growing garden and community
- Generate revenue and help become more self-sustaining

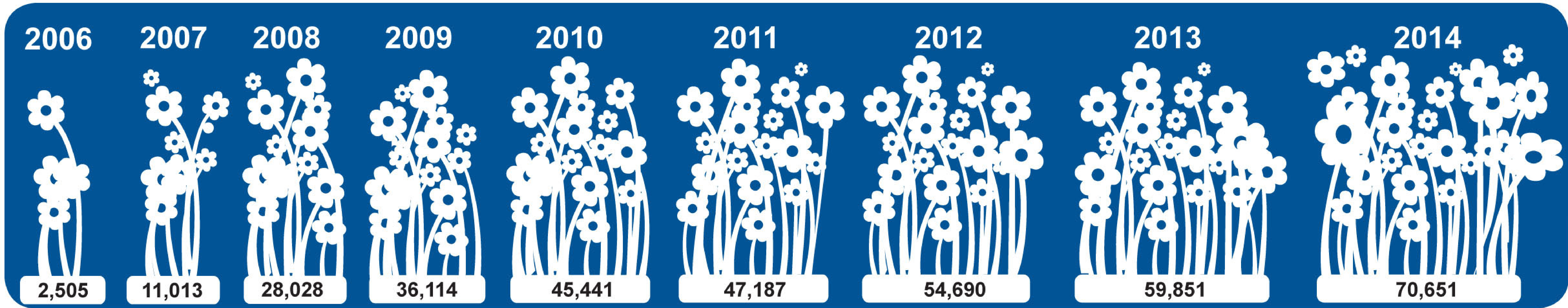
Vision

To be a world-class botanic garden that is community oriented, educational, experiential and sustainable

Mission

To improve the lives of people and foster environmental stewardship through horticulture

Garden Visitation



“Because of the ubiquitous appeal of plants in virtually every aspect of our lives, gardens have become more than just showcases for horticulture design and aesthetic beauty, they are increasingly vital centers for community gatherings and events.” - Brian Vogt, CEO, Denver Botanic Gardens



Volunteerism



Display Gardens



Education



Community Events



PLANT IT FORWARD
Fighting Hunger from the Ground Up
Community Partnerships



Project Goals and Objectives

1. Create a welcoming and inspirational setting for performances, garden festivals, speaking engagements, weddings and yoga/activities

- Accommodate performances and a variety of events
- Develop the venue as a premier outdoor event space in Fort Collins
- Integrate overall gardens into performance venue experience

2. Create an experiential and immersive foothills/prairie landscape that captures and celebrates our regional context.

- Ecosystem educational gardens - geology, slope relationships and plant communities
- Avoid a display garden that becomes a collection of foothills plants
- Capture the prairie to foothills transect

3. Develop Undaunted Garden to make xeriscape principles easily translatable.

- Help dismantle the 'zeroscape' rock and cactus garden perception
- Four seasons appeal
- Promote an engaging environment for learning/translation to home garden



- Proposed Bike Parking - 150 spaces
- Surface Parking Locations
- MAX BRT Station

Parking Total	
GoSC Existing Parking	74
NRRRC Parking	397
CSU Research Parking	900
Total	1,371

Distance to Project Site	
NRRRC Parking	0.06 miles (350 ft)
CSU Research Parking	0.34 miles (1,800 ft)
MAX BRT Station (Prospect)	0.71 miles (3,750 ft)
MAX BRT Station (S. of Prospect)	0.40 miles (2,150 ft)

Stakeholder Meeting 1 - Jan., 2014

Gardens Staff
Gardens Board
Parks and Recreation Staff
CSU Staff
Lincoln Center Staff and other Arts Organizations

Stakeholder Meeting 2 - Feb., 2014

Gardens Staff
Gardens Board
Parks and Recreation Staff
CSU Staff
Lincoln Center Staff and other Arts Organizations

Design Charrette - March, 2014

Neighborhoods invited through HOA Presidents

Neighborhood Meeting 1 - July, 2014

Neighborhood Meeting 2 - September, 2014

Sound Mitigation Walls
Wall Height(s): 24'-0"
Location of walls on the west side of large promenade walk



Overall Site Plan - May 2014

Sound Mitigation Walls
Wall Height(s): 24'-0"
Location of walls on the west side of large promenade walk



Overall Site Plan - July 2014

Sound Mitigation Walls moved from west side of walk to east side of walk closer to stage area
Wall height was decreased from 24' to 17' for the north wall, 19' for the middle wall and 19.5' for the southern most wall



Overall Site Plan - February 2015

Original extents in June 2014 plan of Great Lawn Area
February 2015 plan has shifted eastern edge of Great Lawn approx. 60' to the east



Gardens on Spring Creek

Overall Site Plan



Terraced Seating

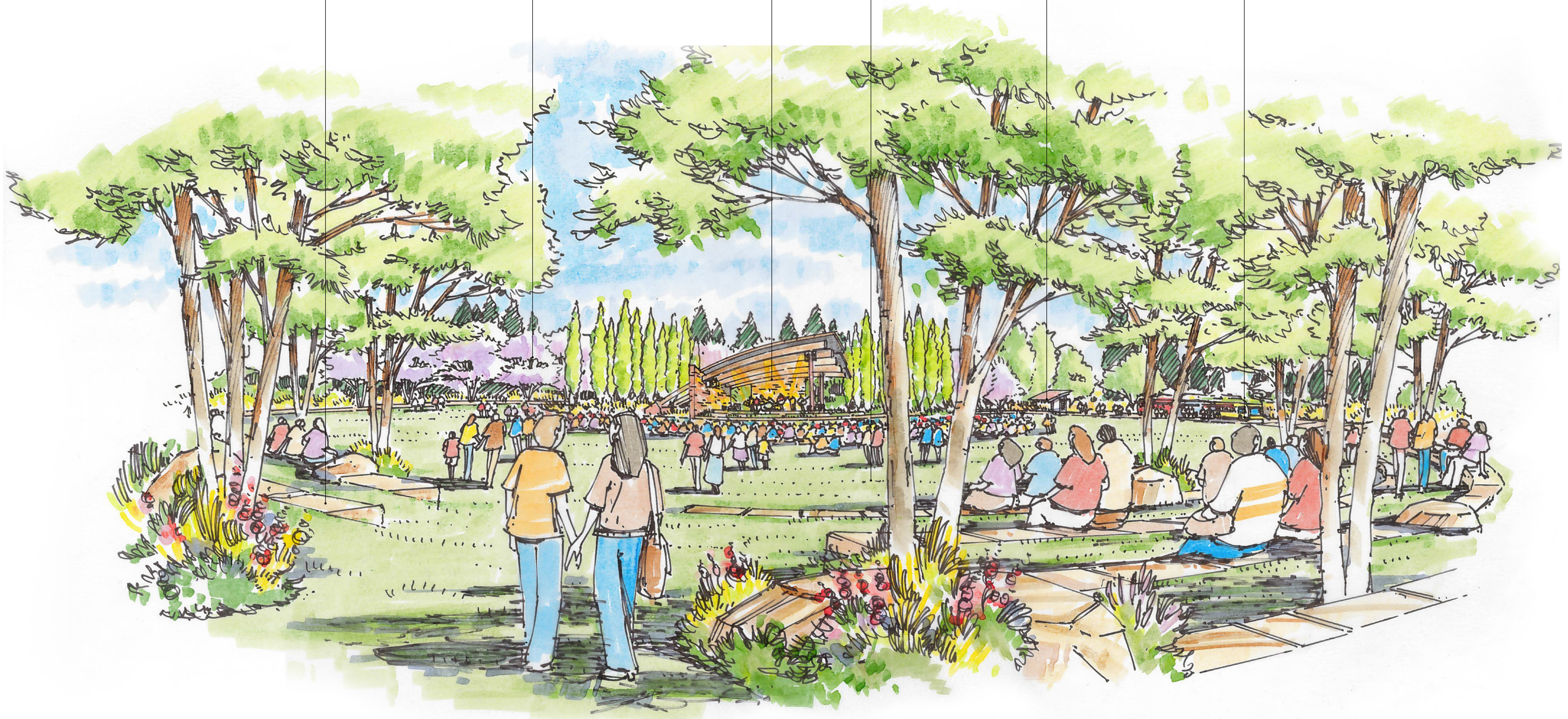
Backdrop Planting

Stage

Great Lawn

Gate House

Food Trucks





Accessible path

Terraced seating

Container plantings

Cafe seating

Tree within flagstone paving

Existing Rock Garden

Hummingbird Garden

Chaparral Planting

Cactus Planting

Cottage Planting

Steps up to crusher fines path

5% Accessible crusher fines path

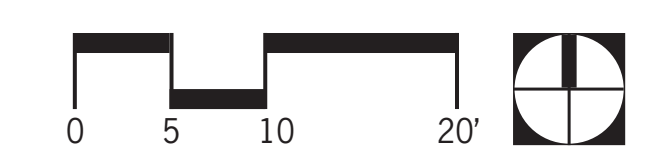
Flagstone paving at outdoor classroom

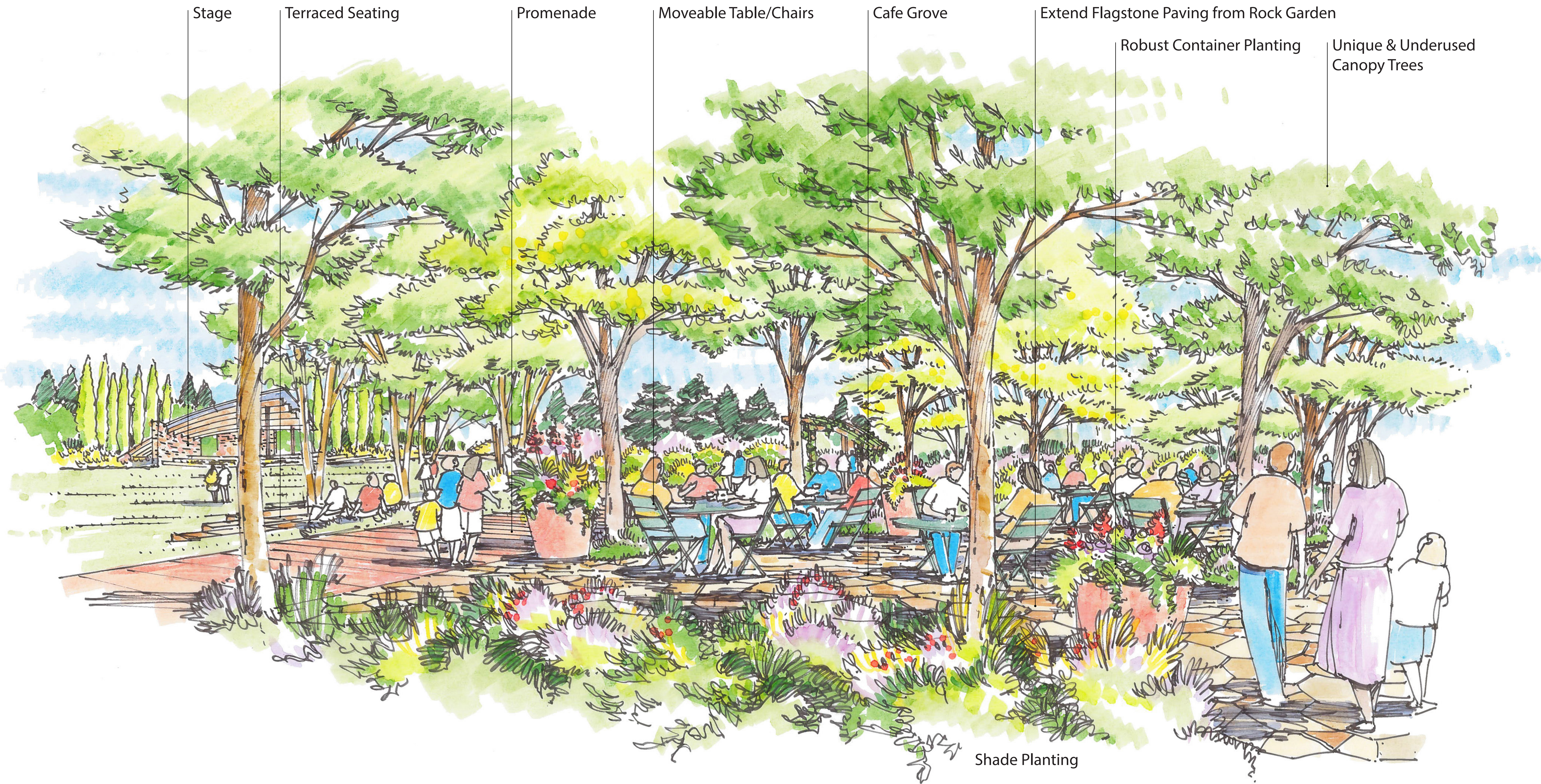
Shade structure w/ vine planting

Rhyolite boulders

Steps up to crusher fines path

Flagstone paving, typ.





Stage

Terraced Seating

Promenade

Moveable Table/Chairs

Cafe Grove

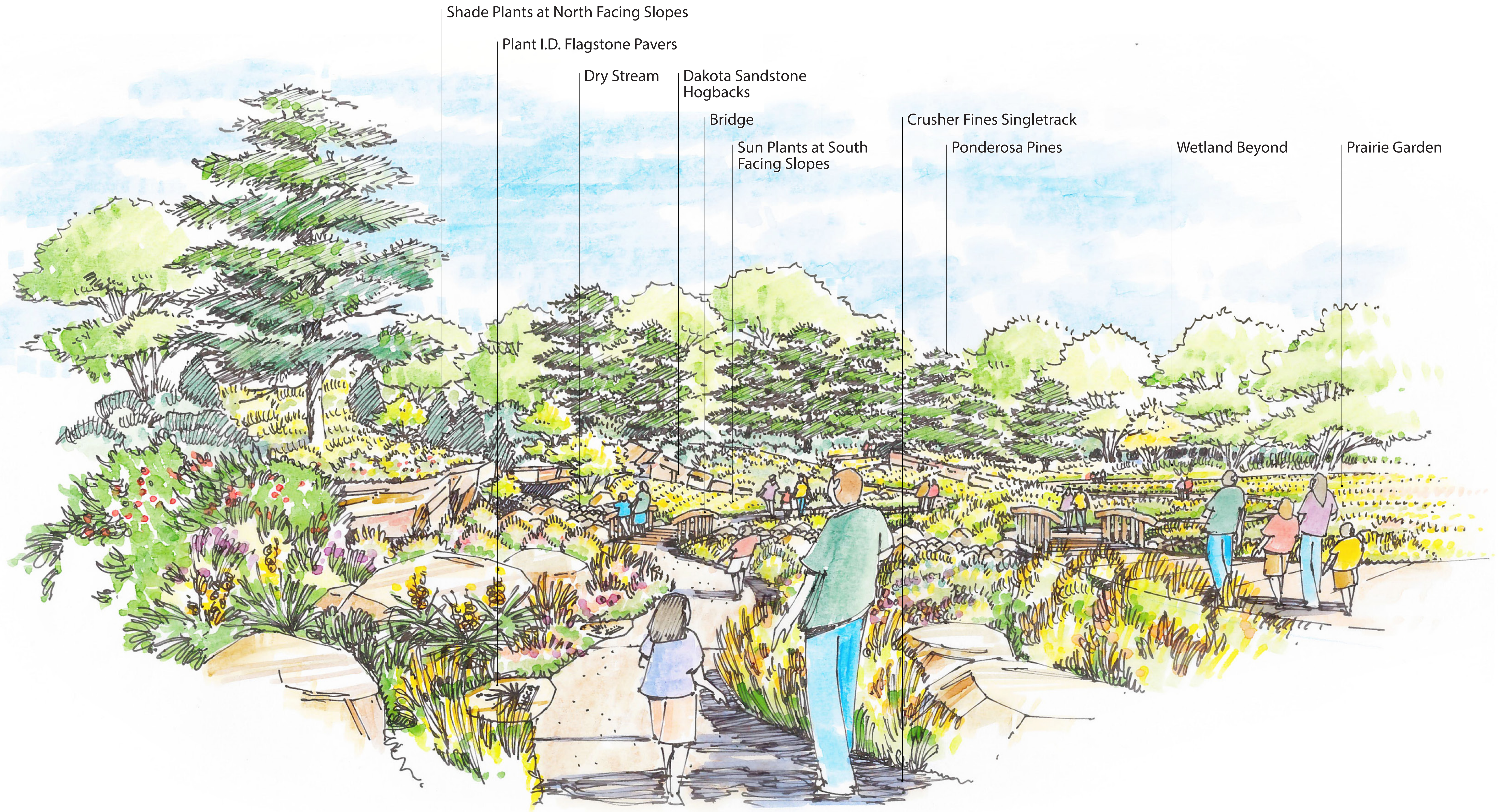
Extend Flagstone Paving from Rock Garden

Robust Container Planting

Unique & Underused Canopy Trees

Shade Planting





Shade Plants at North Facing Slopes

Plant I.D. Flagstone Pavers

Dry Stream

Dakota Sandstone Hogbacks

Bridge

Sun Plants at South Facing Slopes

Crusher Fines Singletrack

Ponderosa Pines

Wetland Beyond

Prairie Garden



Gardens on Spring Creek

Site Enlargement - Theme Gardens

Plant Select Garden

Arbor Structure Typ.

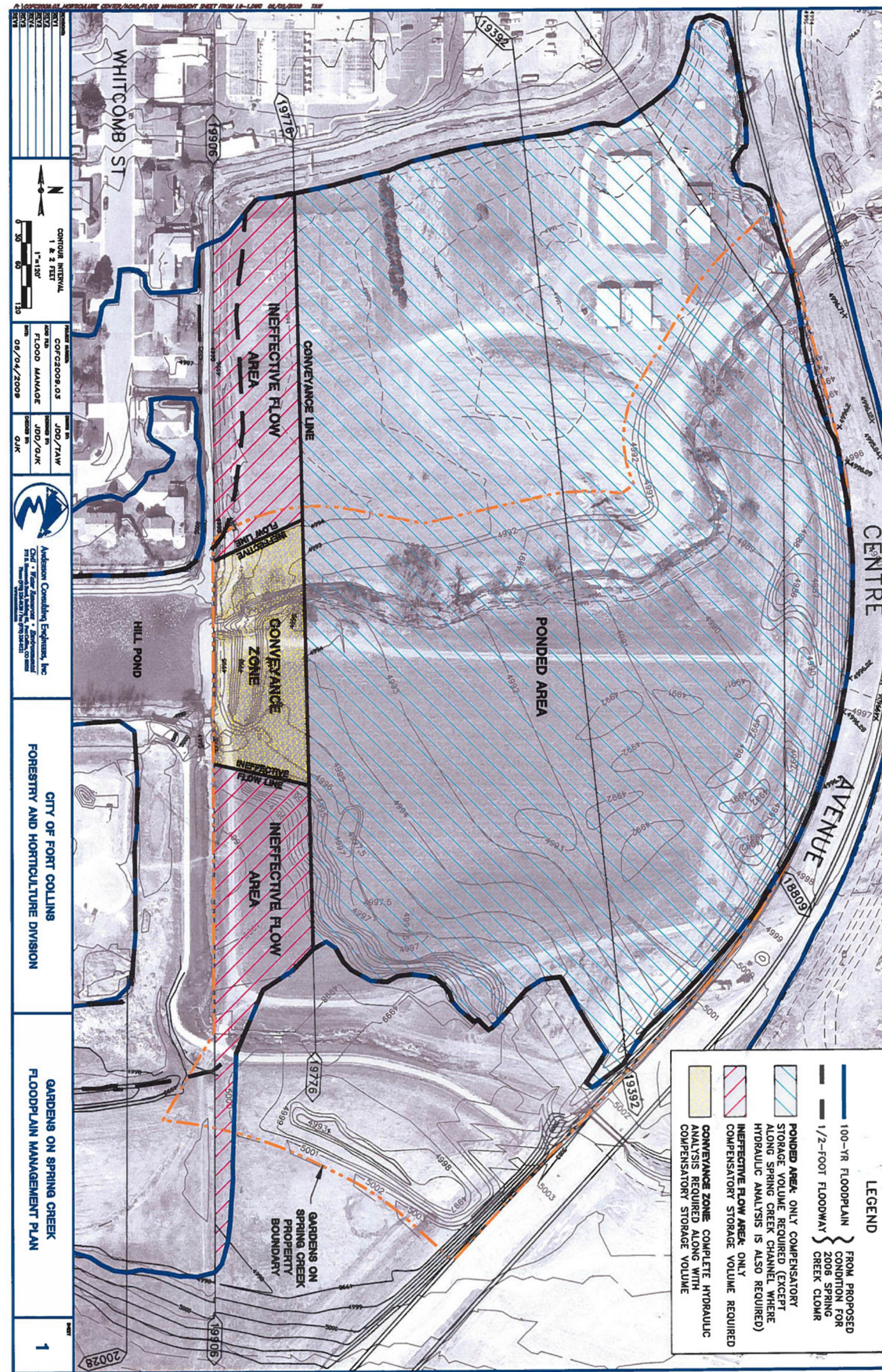
Fragrance Garden

Rose Garden

Moon Garden

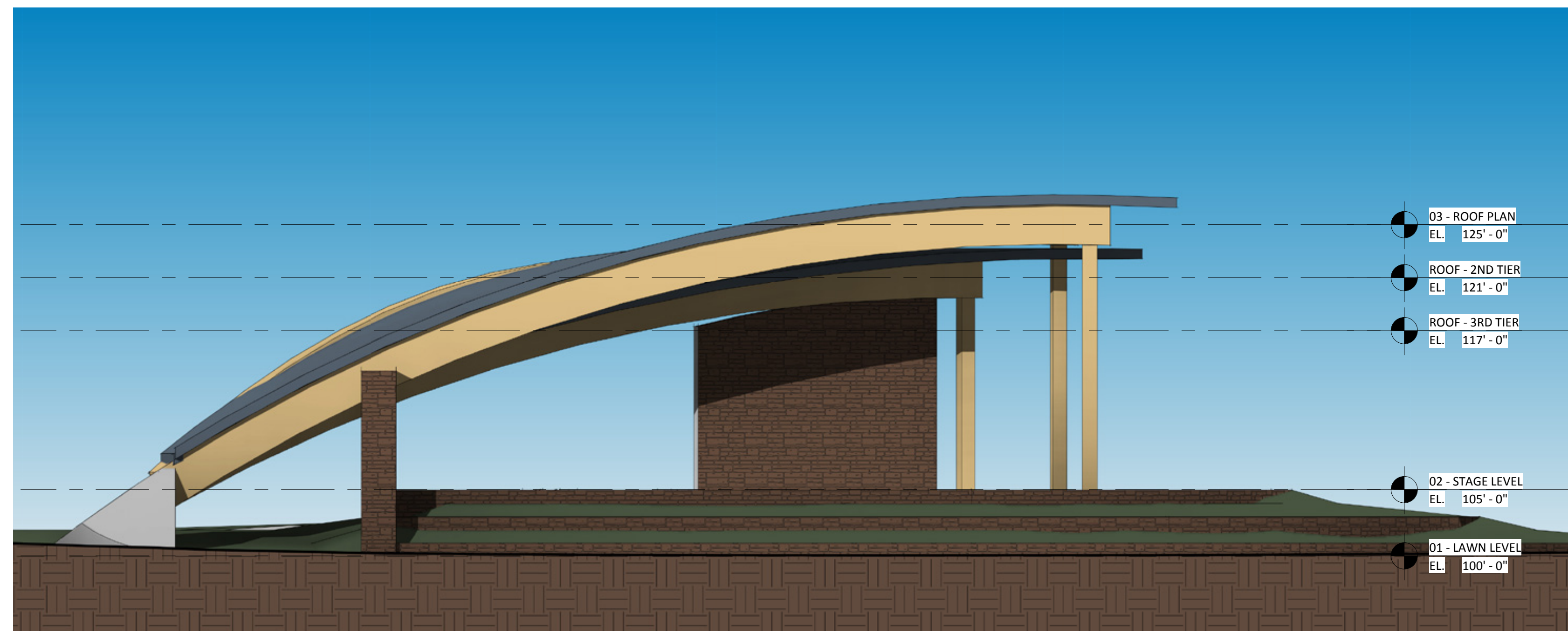
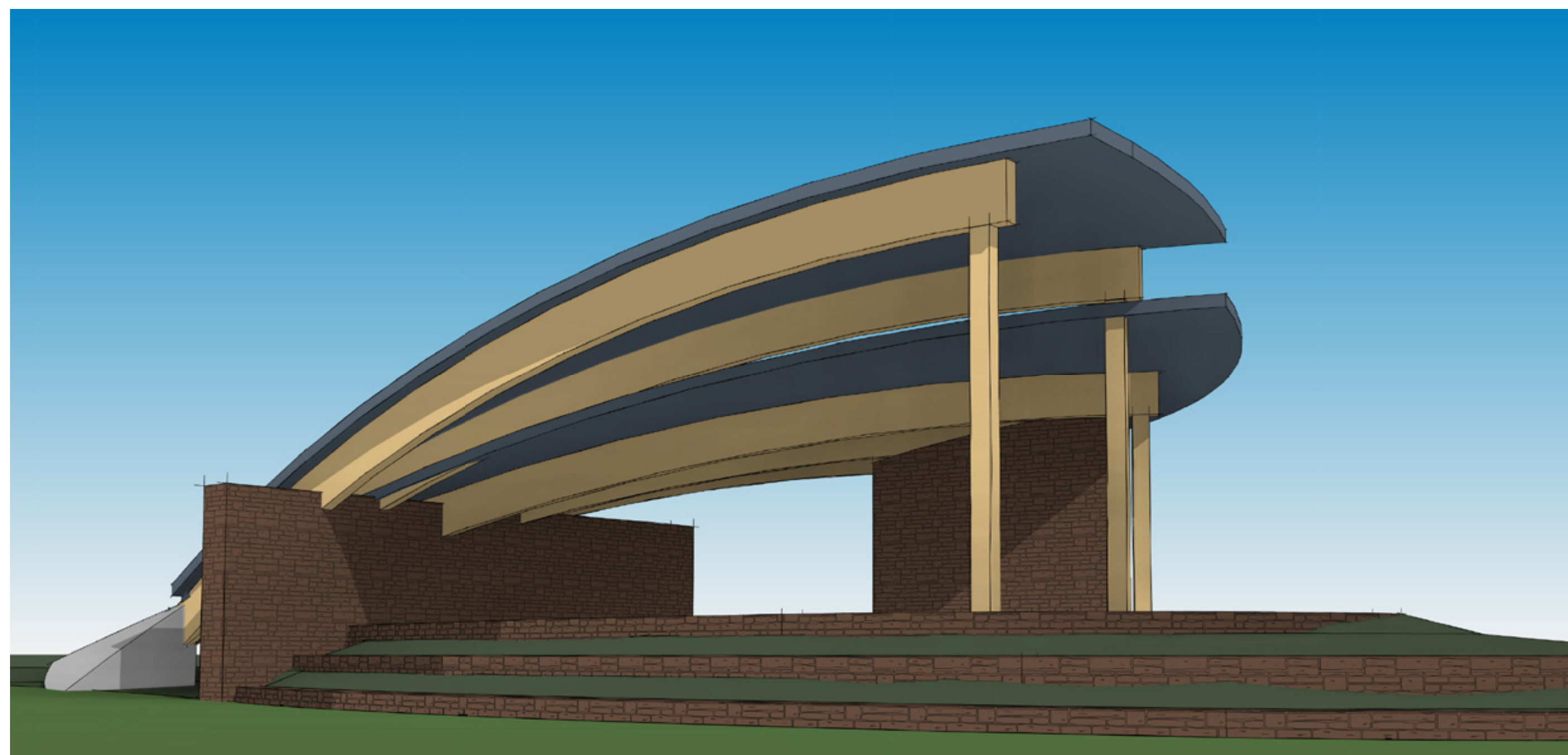
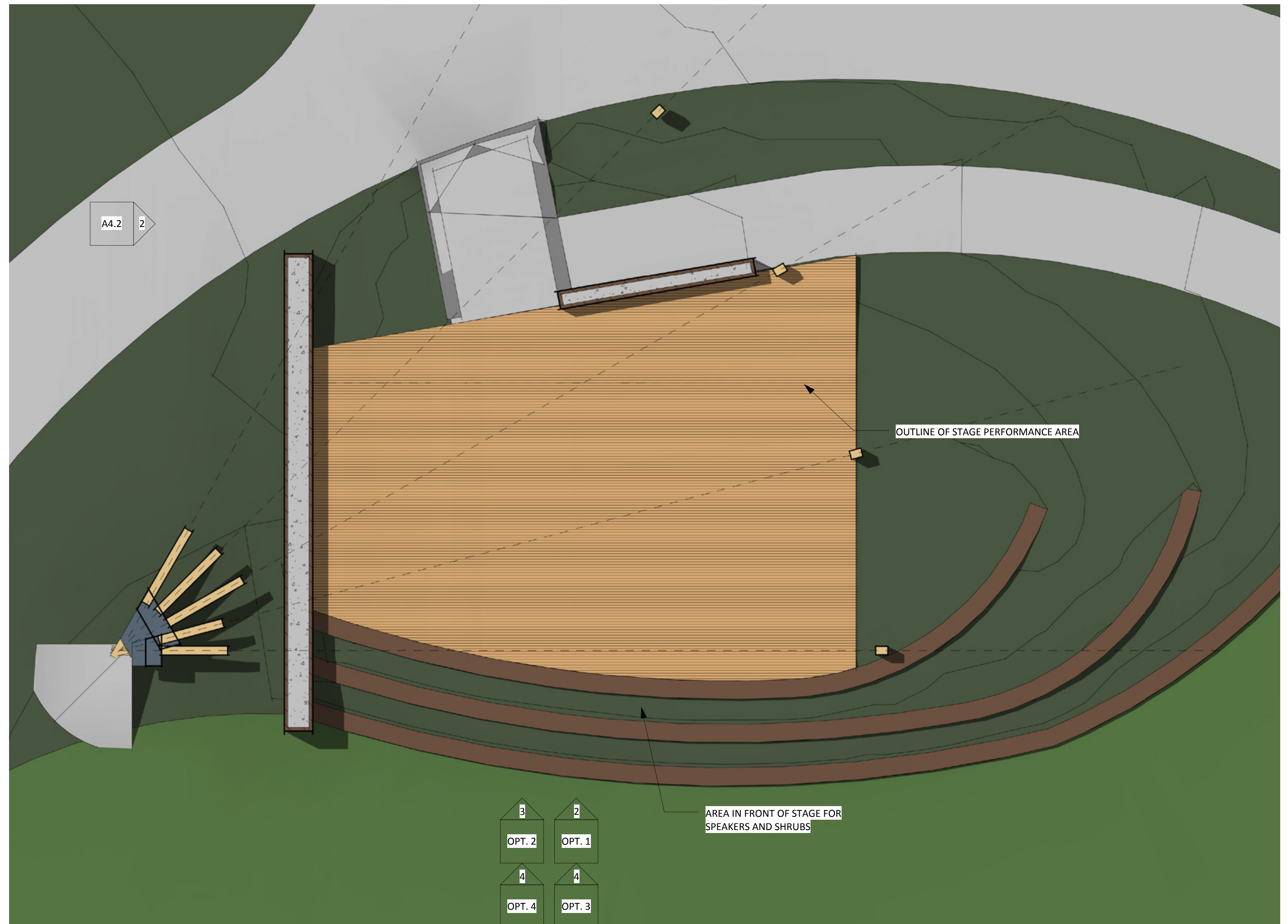
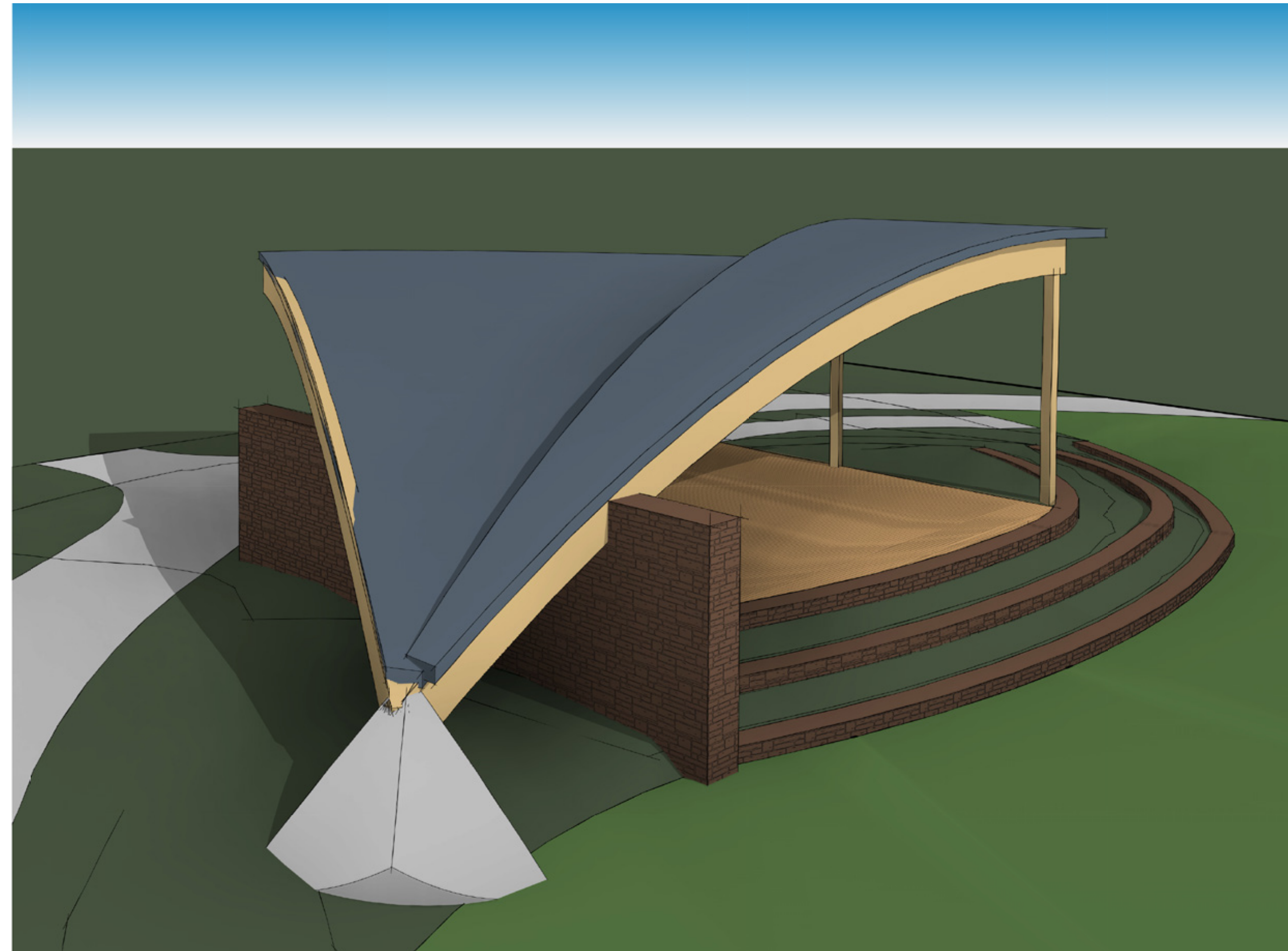
Great Lawn





Floodplain Design Criteria

- Primary Gardens site is storage/ not conveyance - CUT AND FILL MUST BE BALANCED IN GRADING PLAN
- Volume calculations required for site elements, including temporary elements
- New Floodplain Use Permit will become overriding permit document for The Gardens
- No enclosed structures within floodplain
- Portable restrooms to be cabled and on raised platform - removed after each event



GREAT LAWN CAPACITY RATIONALE (1500 PERSONS):

- 1. Acts in this range provide sound engineers and professional sound monitoring/mixing.**
- 2. Given expected population growth of Fort Collins, capacity will serve the community and market will support it.**
- 3. Currently no local music venues in the area between 1300 and 3000 capacity. Venue will not compete for talent with the many venues under 1300 seats and the few over 3000.**
- 4. Allows for a viable business model. Tickets in the \$40 - \$45 range -high quality talent and the type of experience one expects in a botanic garden.**
- 5. High quality artists will not play small venues believing it will devalue their brand. A capacity of 1500 will help attract high quality artists.**



Artist Examples:

- Marc Cohn and Mavis Staples
- Natalie Cole
- Joan Baez
- Steep Canyon Rangers
- Jimmy Cliff
- John Hiatt & The Combo
- The Taj Mahal Trio
- The Gipsy Kings
- Martin Sexton
- St. Vincent

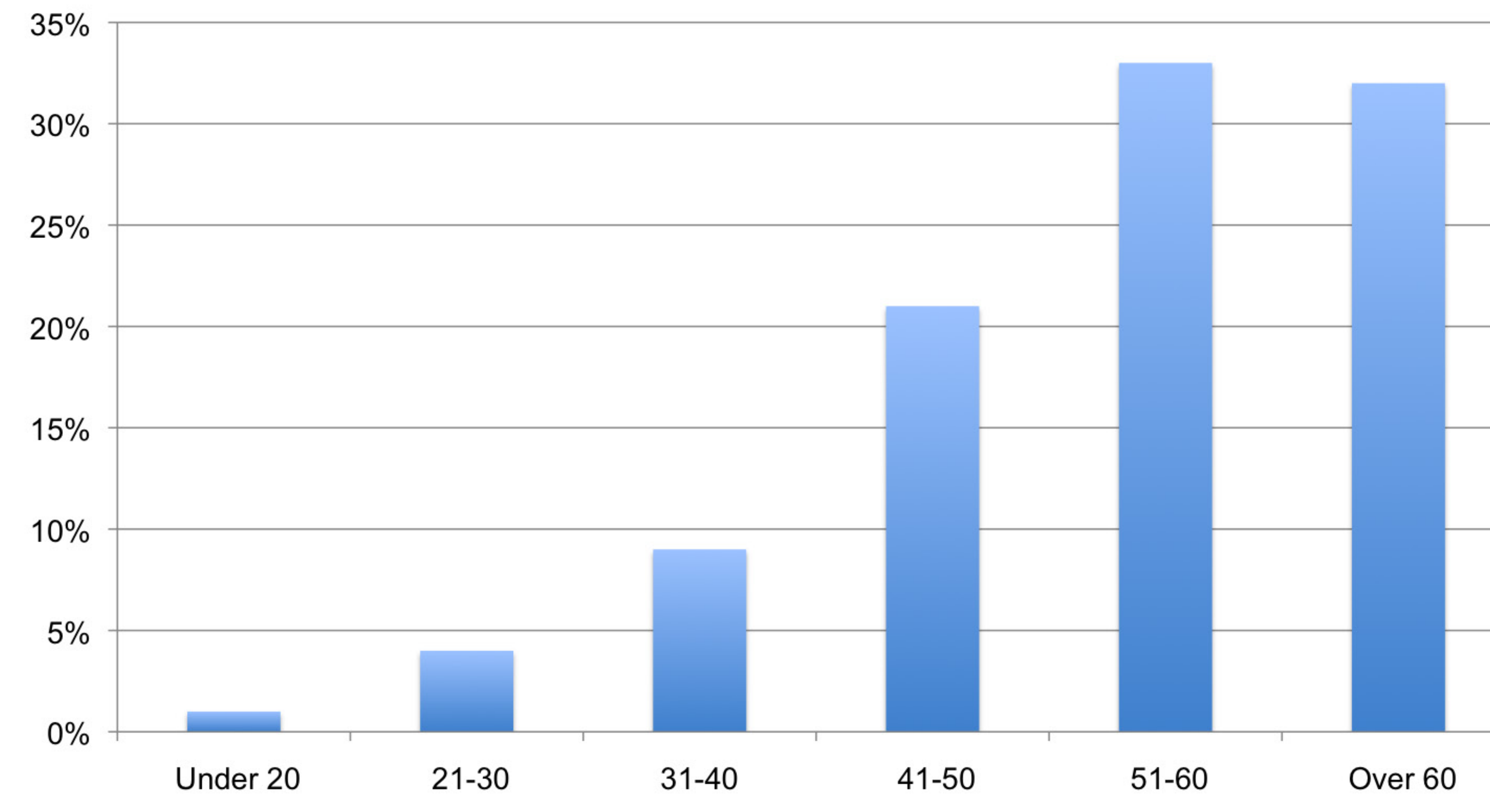
Local /Regional Venue Capacity:

- Lincoln Center - 1,200
- Denver Botanic Gardens - 2,500
- Fiddler's Green - 18,000
- Lory Student Center - 650
- Highlands Ranch Civic Green - 3,000

Event Audience Demographics - Denver Botanic Gardens

- **84% metro Denver residents.**
- **Average household income > \$75,000.**
- **73% have professional occupations.**
- **83% are homeowners.**
- **92% have a college/postgraduate degree.**

Age Range



ESTIMATED NUMBER AND TYPES OF NON-TICKETED EVENTS UTILIZING THE GREAT LAWN:

- **Garden of Lights***
- **School Tours***
- **Articulture/Sculpture in the Garden***
- **Spring Plant Sale***
- **Yoga in the Gardens***
- **Garden a'Fare Beer Tour***
- **Nature's Harvest Fest***
- **Halloween Enchanted Garden***
- **Wedding Ceremonies***

*** Events held previously**



Gardens on Spring Creek

Non-ticketed Event Examples

GENERAL STANDARDS:

1. All events shall comply with Municipal Code Noise Standards.
2. Maximum of (8) performance events/concerts per year, with attendance cap of 1,500 persons. Maximum attendance managed and regulated through ticket sales.
3. Each ticketed performance event limited to one evening. No multi-day ticketed performance events such as music festivals.
4. No attendance cap for non-ticketed events (i.e. plant sale, garden of lights, harvest fest). Such events may provide amplified music in compliance with the municipal code.

If for any reason a performance event/concert is un-ticketed, it will be considered part of the 8 per year and adhere to the general standards.

TIME LIMITATION STANDARDS:

- 1. Music and any associated sounds shall conclude at 8pm.**
- 2. Egress shall begin at 8pm and conclude no later than 9pm. No performance related sounds during this timeframe.**
- 3. All event personnel shall exit the premises no later than 10pm.**
- 4. All ticketed, non-ticketed and non-musical performance events shall conclude by 9pm and all event personnel shall exit the Gardens on Spring Creek premises no later than 10pm.**

SOUND MONITORING STANDARDS:

- 1. During all amplified performance events, a professional sound engineer shall actively monitor and regulate sound levels to meet standards**
- 2. For all other events, Gardens on Spring Creek staff shall actively monitor and regulate sound levels to meet standards.**

SECURITY AND SAFETY STANDARDS:

- 1. Security staff shall be present at entry points and perimeter during all performance events. Security staff shall consist of either Gardens on Spring Creek Staff or a private security company.**
- 2. Low light level, full cut-off pedestrian level lights shall be used to facilitate egress from all ticketed performance events. All event-related lighting shall be turned off no later than 10pm.**
- 3. Crossing assistants shall be present at Centre Avenue to facilitate crossing from the NRCS parking, unless a signalized pedestrian crossing is constructed in the future.**

ADDITIONAL STANDARDS:

- 1. Any alcoholic beverages sold during events shall require a professional concessionaire to serve and follow all associated regulations and monitoring as required with alcoholic beverage sales at other community facilities within the City of Fort Collins.**
- 2. No parking along Centre Ave. shall be strictly enforced.**

Sec. 20-23. Maximum permissible noise levels.

(a) A noise measured or registered in the manner provided in § 20-24 from any source at a level which is in excess of the dB(A) established for the time period and zoning districts listed in this Section is hereby declared to be a noise disturbance and is unlawful. When a noise source can be identified and its noise measured in more than one (1) zoning district, the limits of the most restrictive zoning district shall apply.

Zoning Districts
Maximum Noise [dB (A)]

Areas zoned:

- Low Density Residential (R-L)
- Urban Estate (U-E)
- Foothills Residential (R-F)
- High Density Mixed-Use Neighborhood (H-M-N)
- Low Density Mixed-Use Neighborhood (L-M-N)
- Medium Density Mixed-Use Neighborhood (M-M-N)
- Neighborhood Conservation Low Density (N-C-L)
- Neighborhood Conservation Medium Density (N-C-M)
- Neighborhood Conservation Buffer (N-C-B)
- Public Open Lands (P-O-L)
- River Conservation (R-C)
- Transition (T)

7:00 a.m. to 8:00 p.m.	55
8:00 p.m. to 7:00 a.m.	50

Areas zoned:

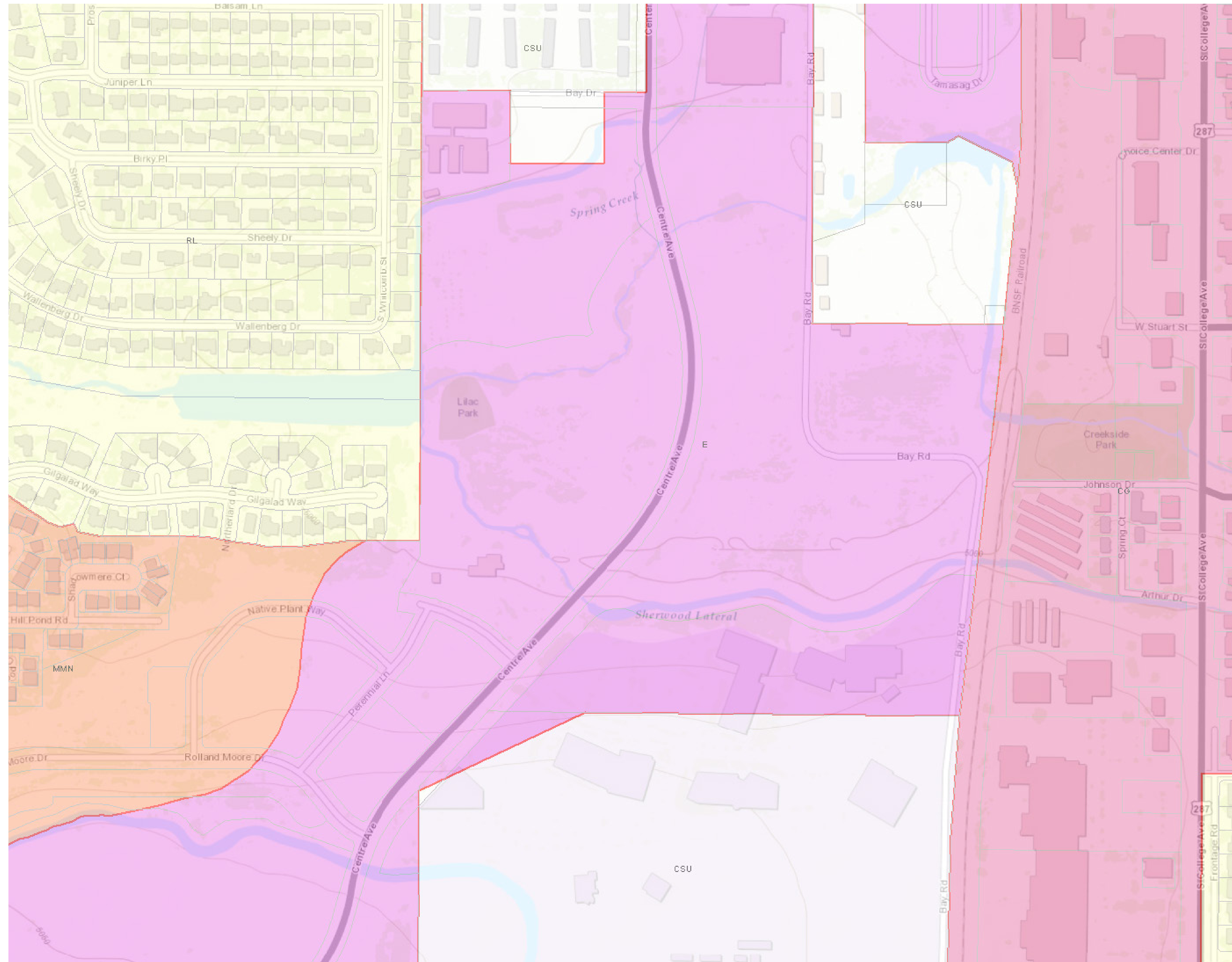
- Downtown Old City Center (D)
- Downtown Canyon Avenue (D-C-A)
- Downtown Civic Center (D-C-C)
- River Downtown Redevelopment Commercial (R-D-R)
- Community Commercial (C-C)
- Community Commercial North College (C-C-N)
- Community Commercial River (C-C-R)
- Commercial North College (C-N)
- Neighborhood Commercial (N-C)
- Limited Commercial (C-L)
- Harmony Corridor (H-C)

7:00 a.m. to 8:00 p.m.	60
8:00 p.m. to 7:00 a.m.	55

Areas zoned:

Employment (E)

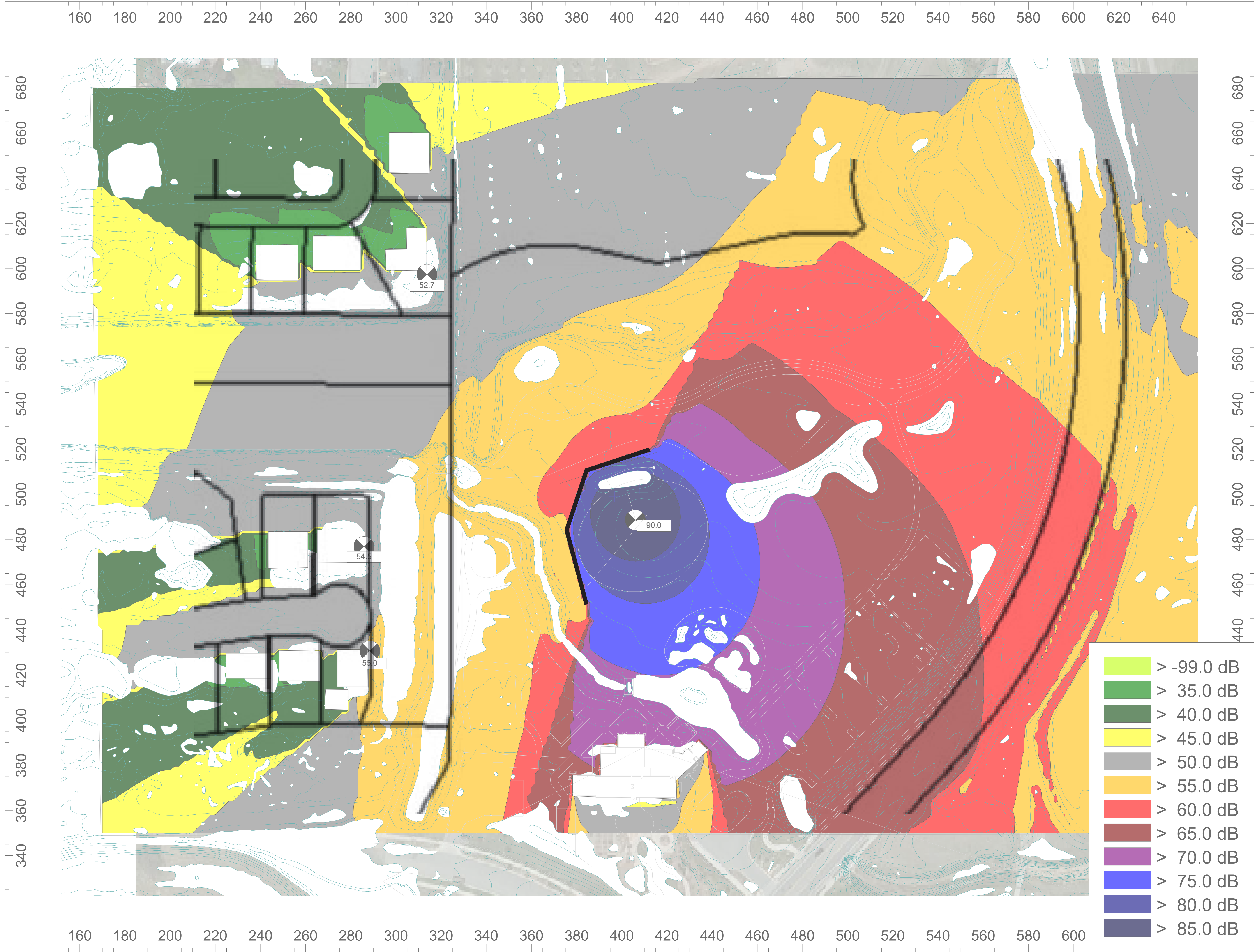
7:00 a.m. to 8:00 p.m.	70
8:00 p.m. to 7:00 a.m.	65



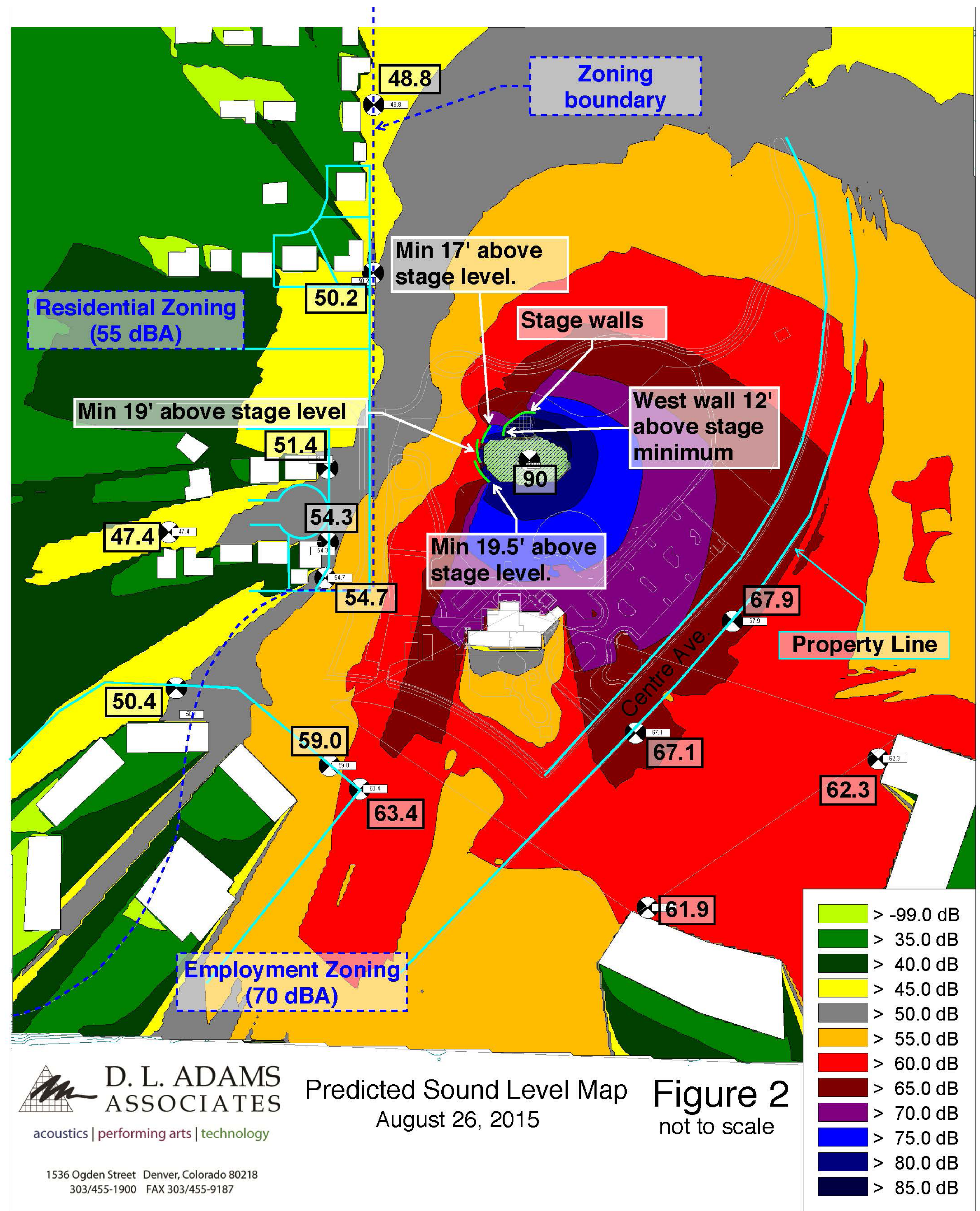
65 dBA at HOMES - NO SOUND BARRIER WALL - BASELINE MODELING



55 dBA at HOMES - 20' SOUND BARRIER WALL, 300 PERSON AUDIENCE



300 Person Event Performance Area



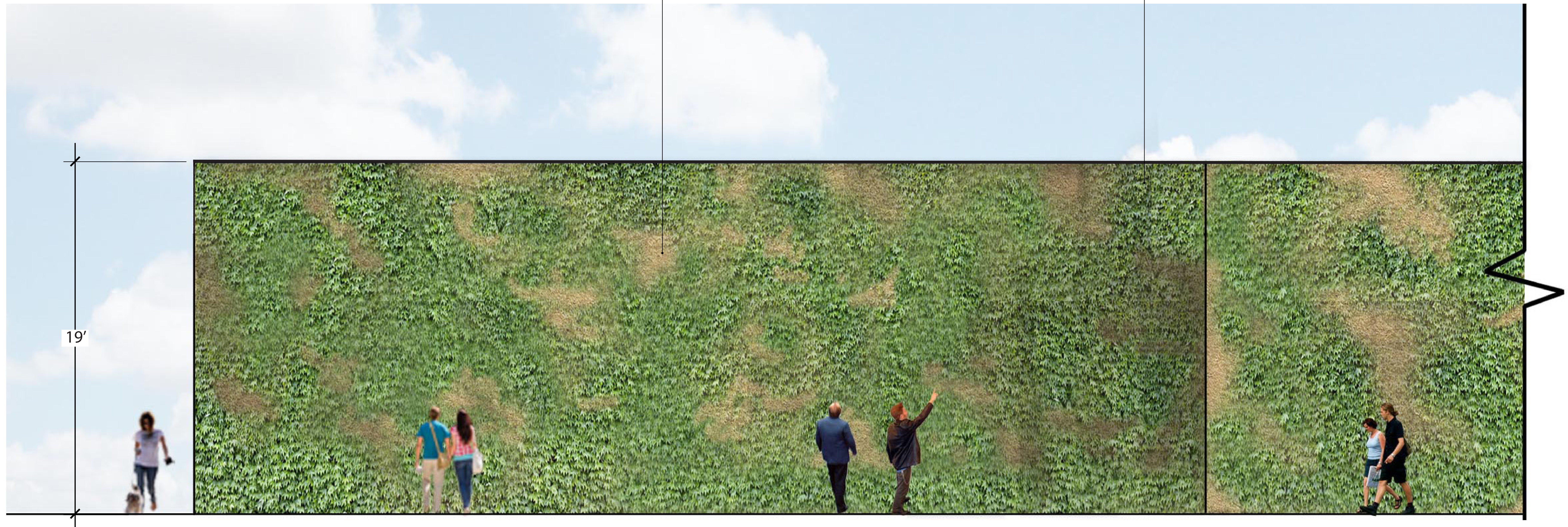
D. L. ADAMS ASSOCIATES
 acoustics | performing arts | technology
 1536 Ogden Street Denver, Colorado 80218
 303/455-1900 FAX 303/455-9187

Predicted Sound Level Map Figure 2
 August 26, 2015
 not to scale



Sound mitigation material- Buff color

Virginia Creeper, or other fast growing vine



19'





Gardens on Spring Creek

Vine Screen on Sound Walls Examples