

Staff Report

December 12, 2023

TO: Honorable Mayor and Members of the Town Council
FROM: Merrill Buck, Town Engineer
RE: Presentation of Design Concepts for Shade Structure Improvements at the Loomis Train Depot Building and Blue Anchor Park

Recommendation

Receive a power-point presentation for a Capital Improvements Project that proposes to install shade structures at the Loomis Train Depot Building and Blue Anchor Park. Following the presentation, the Council can seek public comment, ask questions, and provide input and direction to staff on next steps.

Issue Statement

The adopted FY 2022-23 Capital Improvements Budget included a project to provide shade structures at Blue Anchor Park and the Train Depot. The full scope of this project had never really been worked out, but it was funded at a conceptual level with a \$75,000 budget.

Through the services of AEON Landscape Architecture, who is working with the Town under an on-call professional services contract, shade structure design concepts have been prepared. Depending upon the scope and style desired, the preliminary cost for constructing the shade structures is estimated at roughly \$450,000. With this level of financial commitment, staff wishes to present the design concepts to the Town Council for input and buy-in before authorizing the final design.

Discussion

In scoping the project, it was observed that many of the trees planted around Blue Anchor Park and the Loomis Depot in 2011 have not grown fast enough to provide any substantial amount of shade; even after more than 10 years. Shade sails, compatible with the architectural character of the existing improvements, are therefore recommended. Well-designed structures would provide immediate shade for everyday use and special events, provide comfort during hot summer months, and would add to the aesthetic appeal of this important community space.

Project Timeline

Following the presentation, staff will incorporate comments received into a final set of project plans and specifications which could then be brought before the Council in January to advertise for bids. This would target spring construction that should be completed ahead of summer 2024.

CEQA Requirements

The proposed project scope, which consists of the construction of shade structures as an accessory structure is categorically exempt from the provisions of the California Environmental Quality Act pursuant to CEQA Guidelines Section 15303 – New Construction or Conversion of Small Structures, and Section 15311 – Accessory Structures.

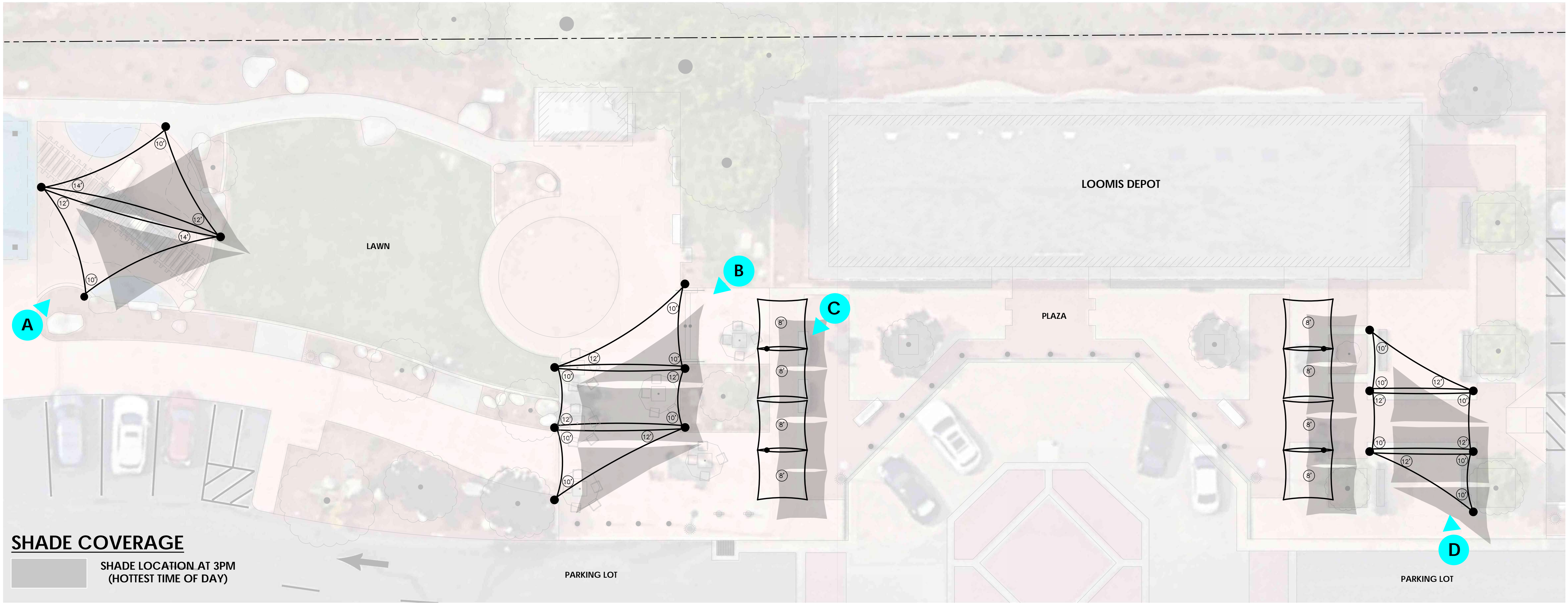
Financial and/or Policy Implications

The Town's adopted FY 2022-2023 Capital Improvements Budget included \$75,000 in funding for the shade structure improvements. This is more than sufficient for the design of the project, but the construction cost, estimated at \$450,000, will require a supplemental project appropriation. This would be recommended for approval at the time of the construction contract award.

Attachments

- A. Preliminary Design Layout and Perspective
- B. Preliminary Design Estimate
- C. Shade Improvements Presentation

SHADE PLAN



LOOMIS HISTORIC TRAIN DEPOT PLAZA
5775 HORSESHOE BAR ROAD
LOOMIS, CA 95650

SHADE IMPROVEMENTS

COLOR SAMPLE



COLOR SELECTION

FABRIC
SHADE SAIL FABRIC TO MATCH DEPOT SIDING

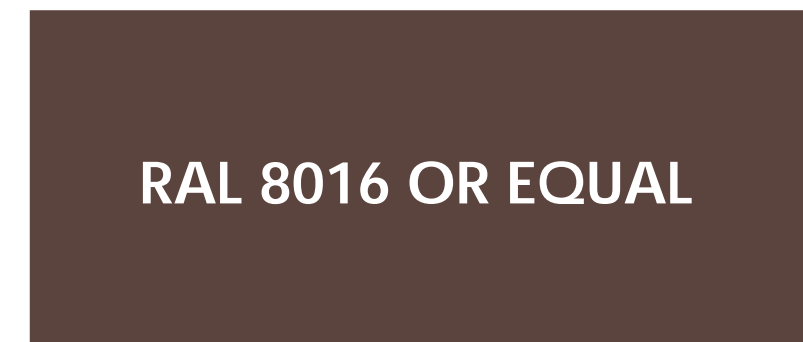


DESERT SAND

Shade 80%
UV 92%

POST POWDER COAT

CUSTOM POWDER COAT TO MATCH
DEPOT TRIM, COLOR MATCH IN FIELD
WITH COLOR SAMPLES



SHADE SAIL IMAGERY



CONNECTED 3-POINT SHADE SAILS



MULTIPLE CONNECTED 3-POINT AND 4-POINT SAILS



SINGLE POST PYRAMID CANTILEVER SAILS

DESCRIPTION:	DATE:
PRELIMINARY SHADE DESIGN	10/2/2023

PROJECT NUMBER: 2313
DRAWING SCALE: 1"=10'-0"
INCH INCREMENTS ARE SHOWN AT FULL SCALE ON ORIGINAL DRAWING. IF NOT ACCURATE, ADJUST SCALE ACCORDINGLY. VERIFY BEFORE SCALING.



PRELIMINARY
SHADE LAYOUT

L1

VIEW OF PROPOSED SHADE SAILS OVER PLAY EQUIPMENT



A

VIEW OF PROPOSED SHADE SAILS NEAR SPRAYGROUND PATIO TABLES



B

VIEW OF PROPOSED SINGLE POST DUAL PYRAMID SHADES



C

VIEW OF PROPOSED SHADE SAILS AT NOTHERN DEPOT SEATING AREA



D



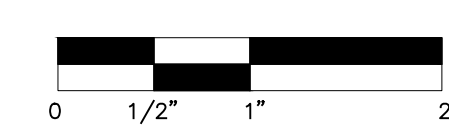
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P.O. BOX 5231
VACAVILLE, CA 95696
(707)469-3900

LOOMIS HISTORIC TRAIN DEPOT PLAZA

5775 HORSESHOE BAR ROAD
LOOMIS, CA 95650

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**PRELIMINARY
PERSPECTIVE
VIEWS**

L2

Preliminary Engineers Estimate



Historic Loomis Train Depot Plaza Shade Improvements

Loomis, California

Based on Preliminary Concept dated 9/19/23

Item No.	Item	Quantity	Unit	Unit Cost	Total Item Cost
1	Traffic Control and Pedestrian Safety	1	LS	\$1,500.00	\$1,500.00
2	Erosion Control	1	LS	\$1,500.00	\$1,500.00
3	Export Soil	12	CY	\$275.00	\$3,300.00
4	Tree and Plant Protection Fencing	1	LS	\$1,500.00	\$1,500.00
5	Connected 3 Point Shade Sails at Playground	1	LS	\$75,000.00	\$75,000.00
6	Connected 3 + 4 Point Sails at Patio	1	LS	\$95,000.00	\$95,000.00
7	Connected 3 + 4 Point Sails at Seating Area	1	LS	\$85,000.00	\$85,000.00
8	Connected Single Post Cantilever Shade	4	LS	\$20,000.00	\$80,000.00
9	Miscellaneous Irrigation Repair	1	LS	\$1,500.00	\$1,500.00
10	Miscellaneous Concrete Patch and Repair	1	LS	\$2,500.00	\$2,500.00
Subtotal					\$346,800.00
Mobilization (Allow 5%)					\$17,340.00
Construction Contingency (20%)					\$69,360.00
Total of Construction					\$433,500.00



Shade Improvements

LOOMIS HISTORIC TRAIN DEPOT PLAZA

Introduction

MERRILL BUCK

Engineer

Town of Loomis

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(916) 824-1518

DYLAN BUTERBAUGH

Landscape Architect

AEON Landscape Architecture, Inc.

dylan@aeonlandscape.com

(707) 469-3900

Background

Lack of Shade

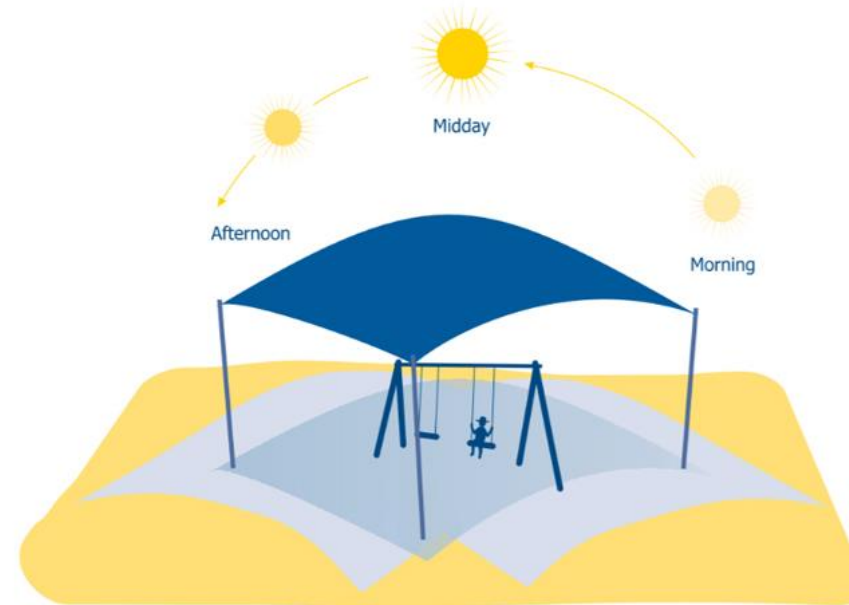
- Blue Anchor Park and the Historic Plaza Improvements were completed in 2011.
- The trees planted to provide shade for the plaza have grown slowly, and are not providing ample shade.
- Shade structures could provide immediate shade for everyday park users and for events.



Goals

Shade Considerations

- The chosen shade structure shall not visually compete with the historic improvements both in materials and physical layout in the plaza.
- Shade structure should provide shade for a variety of uses and a variety of times of day. i.e. large groups, small groups, individuals
- Shade structures should be cost effective and easily maintainable.



Shade Options

- A variety of shade options were reviewed against the previously stated goals.
- Shade sails were determined to provide the most shade flexibility, most compatibility with the existing site, least cost to install, and most compatible with the existing character.

Shade Options



CONNECTED 3-POINT SHADE SAILS



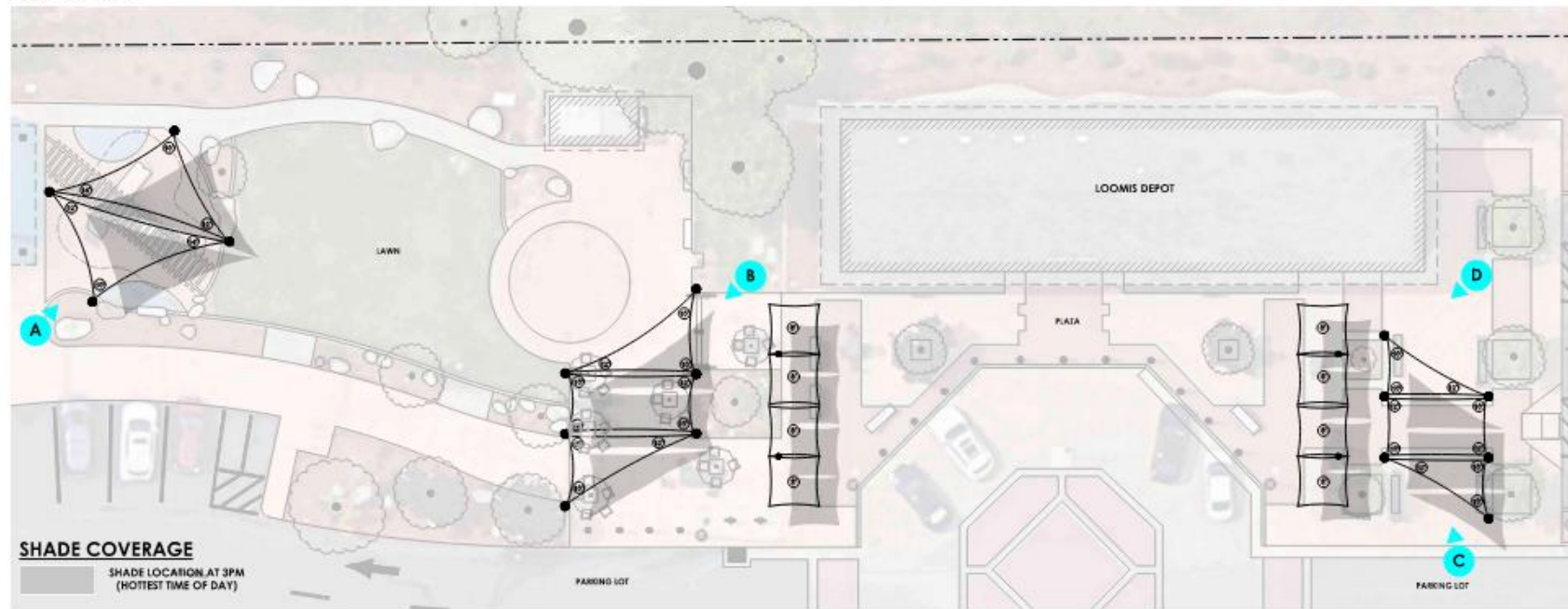
MULTIPLE CONNECTED 3-POINT AND 4-POINT SAILS



SINGLE POST PYRAMID CANTILEVER SAILS

Proposed Shade Improvements

SHADE PLAN



COLOR SAMPLE



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DEPOT TRIM. COLOR MATCH IN FIELD
WITH COLOR SAMPLES

RAL 8016 OR EQUAL

SHADE SAIL IMAGERY



CONNECTED 3-POINT SHADE SAILS



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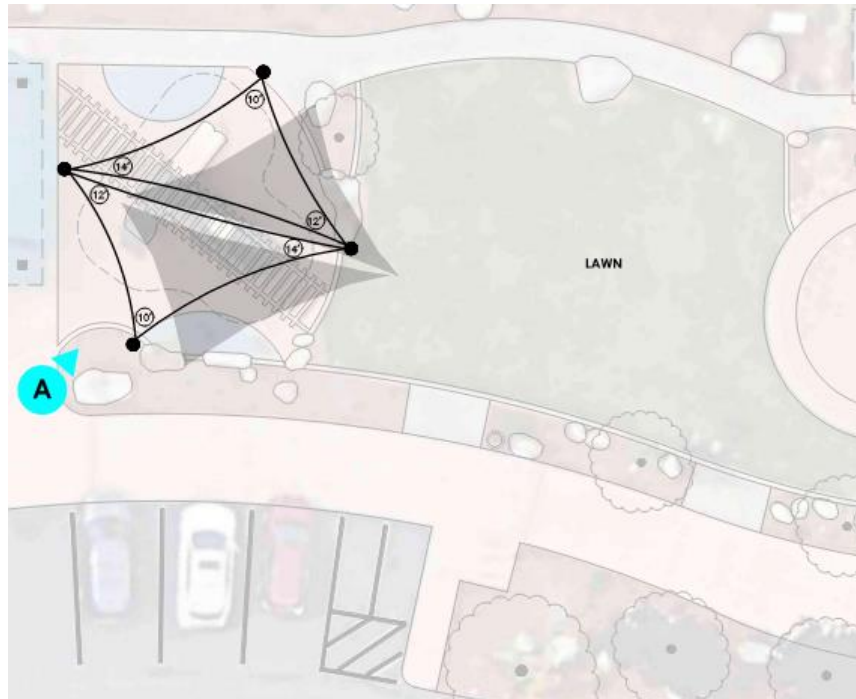


SINGLE POST PYRAMID CANTILEVER SAILS

Blue Anchor Park

Shade Design

- Avoid competing with the existing gable roof shade structure at the picnic area.
- Compatible with the existing 12' clearance of the train themed play equipment.



Blue Anchor Park

Existing



Proposed



Historic Train Depot Plaza

Shade Design

- Compliment existing historic architecture, minimize obstruction of views to the Depot.
- Compatible with the layout of existing trees and accent paving.
- Provide flexible shade options for plaza users



Historic Train Depot Plaza

Existing



Proposed



Historic Train Depot Plaza

Existing



Proposed



Historic Train Depot Plaza

Existing



Proposed



Estimated Cost

Preliminary Engineers Estimate



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Questions or Comments?



Thank you!

**LOOMIS HISTORIC TRAIN DEPOT PLAZA
SHADE IMPROVEMENTS**