

Town of Yucca Valley
PLANNING COMMISSION STAFF REPORT

To: Honorable Chair and Planning Commissioners
From: Evan Willoughby, Planning Technician
 Jared Jerome, Associate Planner
Date: January 19, 2022
Meeting Date: January 25, 2022

Subject: Western Joshua Tree (WJT) Permit 011-22, 7340 Fairway Drive, Yucca Valley CA. APN: 0585-271-07; Transplant Ten (10) Western Joshua Trees, Remove Three (3) Dead Western Joshua Trees, and Transplant Twenty-Two (22) Mojave Yucca

Recommendation:

That the Planning Commission approves the application for WJT 011-22, transplant of ten (10) Western Joshua Trees and the removal of three (3) dead Western Joshua Trees, based upon Ordinance 291 Section 9.56.090 that the western Joshua Trees are within 10 feet of ground disturbing activities, Section 9.56.070(A) that all necessary submittal materials have been submitted, Section 9.56.100 that to the maximum extent feasible the project proponent shall relocate all Western Joshua trees that cannot be avoided, and Section 9.56.120 that all necessary mitigation fees have been paid by the applicant.

That the Planning Commission approves the application for NPP 087-22, transplant twenty-two (22) Mojave Yucca based upon Section 9.07.130 (C)(2), that the regulated desert native plants being removed are located within the identified grading area; and finding that all necessary submittal materials have been submitted as indicated in the Application Table and as contained within the staff report.

Prior Review

There has been no prior review of this matter.

Executive Summary

Native plant permit applications are acted upon by the Planning Commission for review and action at this time.

Order of Procedure

- Request Staff Report
- Request Public Comment
- Council Discussion/Questions of Staff
- Motion/Second
- Discussion on Motion
- Call the Question

Discussion

Applicant: Town of Yucca Valley
 Address: 7340 Fairway Drive
 APN: 0585-271-07
 Zoning: Residential, Rural Living (R-L-2.5)
 Parcel Size: 10.00 acres

Western Joshua Tree Transplant

An application has been filed with the Town for a public works project to construct North Park Improvements. As part of that process, an application for the transplant of regulated Western Joshua Trees has been submitted. Only the Western Joshua Tree application is before the Commission; not the construction permits for the project.

Section 9.56.070 of Ordinance 291 requires photos, descriptions of the trees, and a letter from the applicant's arborist; which are attached to this report. The health of trees on the property ranges is stated to be good.

Section 9.56.090 states:

The project proponent shall avoid all ground-disturbing activities within 10 feet of any western Joshua tree, unless those activities will be temporary, will not physically impact the western Joshua tree or its root system, and will not disturb the soil to a depth of greater than twelve inches.

Section 9.56.100 requires "...to the maximum extent feasible, the project proponent shall relocate all western Joshua Trees that cannot be avoided to another location on the project site," and that all relocations of western Joshua Trees which are one meter or greater in height be completed by a desert native plant specialist.

Section 9.56.120 details the mitigation fees required for the transplant or removal of western Joshua Trees. The applicant has provided the Town payment of these mitigation fees.

Alternatives

Staff recommend no alternative actions. The application is consistent with the Town's adopted standards.

Fiscal Impact

NA

Mojave Yucca Transplant

Application has been filed with the Town for a public works project to construct North Park Improvements. As part of that process, an application for the removal of regulated native

plants has been submitted. Only the native plant permit application is before the Commission; not the construction permits for the single-family residence.

The application is for the transplant of twenty-two (22) Mojave Yucca. These Mojave Yucca are located within the grading area for the proposed project..

2. A regulated desert plant permit application shall be submitted to the planning division for removal or relocation on or off site when the property owner is proposing improvements to the property including swimming pools, swing sets, horse arenas, other animal keeping activities, basketball courts, tennis courts, recreational or other vehicle parking, driveways and access, play areas, accessory structures, and other uses typical to single- family residences.

Section 9.07.130(C)(7) establishes that on lots that are greater than 5.00 acres, a minimum of 10% of the lot shall remained undisturbed. The parcel on which the proposed project is located is 10.00 acres. Section 9.07.130 (C) (5) states:

“5. The property owner may attempt to retain as many regulated desert native plants in their native location as possible. The property owner may also attempt to transplant or relocate as many regulated desert native plants as possible on site. The property shall comply with the minimum standards specified in table 1 of this section.”

“TABLE 1

<i>Lot Size</i>	<i>Required Undisturbed Area</i>
<i>Up to 2.49 acres</i>	<i>No mandate, incentives only</i>
<i>2.5 to 4.99 acres</i>	<i>A minimum of 5% of the lot shall remain undisturbed</i>
5+ acres	A minimum of 10% of the lot shall remain undisturbed”

The table below identifies the application submittal requirements, as well as indicates if those submittal requirements have been satisfied by the applicant.

APPLICATION TABLE

APPLICATION REQUIREMENTS	INCLUDED YES/NO
1) The botanical and common name of the regulated desert native plant.	Yes
(2) A native plant survey showing the precise location of each regulated desert native plant.	Yes
(3) The trunk or stem diameter of each regulated desert native plant.	Yes

(4) The height of each regulated desert native plant.	Yes
(5) The health or condition of the regulated desert native plant, including the identification of those regulated desert native plants that are not likely to survive transplanting procedures.	Yes
(6) The proposed placement or disposition of the regulated desert native plant, i.e., transplant on site, adopt off site, remove, etc.	Yes
(7) Additional information that may be required based upon the individual application.	NA
a. Printed photographs depicting the proposed native plant that is to be removed or transplanted. The photographs must clearly show the location, size of the subject plant, and its surroundings. At minimum, the surrounding area photographs shall include two (2) different views of the subject plant.	Yes
b. A plot plan is required in order to show location of regulated desert native plants proposed to be removed, transplanted, or retained in its native location	Yes

The plot plan and photos of the regulated native plans are attached to this staff report.

The Development Code section cited above is ministerial.

- Staff-level decision; forwarded to Planning Commission at this time;
- Little or no personal/subjective judgment;
- Use of fixed standards or objective measurements;
- No public notice required by the Development Code;

The application is consistent with the standards established by the Code, and therefore must be approved by the Town.

Alternatives

Staff recommend no alternative actions. The application is consistent with the Town’s adopted

standards.

Fiscal Impact

NA

Attachments:

ORD 291 Joshua Trees

WJT 011-22, NPP 087-22 7340 Fairway Drive

9.60 Permit Procedures

Ordinance No. 291

AN URGENCY ORDINANCE OF THE TOWN COUNCIL OF THE TOWN OF YUCCA VALLEY, CALIFORNIA ADOPTING AN ADDENDUM TO THE TOWN OF YUCCA VALLEY GENERAL PLAN UPDATE ENVIRONMENTAL IMPACT REPORT, ENACTING EMERGENCY REGULATIONS IN NEW CHAPTER 9.56 FOR IMPLEMENTATION OF THE SPECIAL ORDER RELATING TO TAKE OF WESTERN JOSHUA TREE (*YUCCA BREVIFOLIA*) DURING CANDIDACY PERIOD ISSUED BY THE CALIFORNIA FISH AND GAME COMMISSION IN ACCORDANCE WITH FISH AND GAME CODE SECTION 2084, AND AMENDING SECTIONS 9.07.130, 9.09.050, AND 9.10.040 OF THE TOWN MUNICIPAL CODE TO REMOVE WESTERN JOSHUA TREE (*YUCCA BREVIFOLIA*) FROM THE LIST OF REGULATED DESERT NATIVE PLANTS

The Town Council of the Town of Yucca Valley does ordain as follows:

SECTION 1. Findings. The Town Council finds as follows:

A. On October 21, 2019, the California Fish and Game Commission ("FGC") received a petition from the Center for Biological Diversity to list the western Joshua tree ("Joshua Tree") as threatened under the California Endangered Species Act.

B. On September 22, 2020, after several public meetings, the FGC determined, pursuant to Fish and Game Code Section 2074.2, that listing of the Joshua Tree may be warranted and directed staff of the Department of Fish and Wildlife ("Department") to issue a notice reflecting that finding and indicating that Joshua Tree is a candidate for threatened or endangered species status.

C. On September 24, 2020, the California Fish and Game Commission issued a Notice of Findings ("Notice"). In the Notice, the Commission stated that the amount of information contained in the petition, when considered in light of the Department's written evaluation report, the comments received, and the remainder of the administrative record, would lead a reasonable person to conclude there is a substantial possibility the requested listing of the Joshua Tree as threatened or endangered could occur. The Commission also provided notice that the Joshua Tree is a candidate species as defined by Section 2068 of the Fish and Game Code.

D. In general, under the California Endangered Species Act, no person or public agency may import, export, take, possess, purchase, or sell within California, any species, or any part or product thereof, that has been designated by the Commission as a threatened, endangered, or candidate species, unless that person or public agency has received a permit from the Department.

E. The Joshua Tree is abundant within the Town of Yucca Valley ("Town") and is found throughout the Town on all property types (including developed and undeveloped property) and within all planning zones.

F. Many property owners within the Town have Joshua Trees on their property that periodically need to be pruned or removed in order to prevent potential property damage or injury to persons or animals that may result from a dead tree or falling limbs. Similarly, in the past many property owners within the Town have had Joshua Trees on their property that have fallen over or fallen onto an existing structure and must be removed.

G. The majority of the development that occurs within the Town involves the construction or renovation of in fill single-family residences. Because of the prevalence of the Joshua Tree within the Town, these projects often require the removal of Joshua Trees in order to be completed.

H. The permitting process provided for under the Fish and Game Code Sections 2080 *et seq.* to obtain Department authorization to remove a candidate species is cumbersome and costly. Recognizing that a streamlined process to allow for the incidental take of a limited number of Joshua Trees is necessary to avoid a halt in development within the Town, on December 10, 2020, the Commission, pursuant to Fish and Game Code Section 2084, adopted a Special Order Relating to Take of Western Joshua Tree (*Yucca brevifolia*) During Candidacy Period ("Special Order"). (14 Code Cal. Reg. § 749.12.) Attached hereto as Exhibit "B" is a copy of the Special Order, which is incorporated herein.

I. The Special Order authorizes the Town to issue permits for the take of Joshua Trees associated with the development of single-family residences, accessory structures and certain public works projects, provided the Town follows certain conditions.

J. To be authorized to issues permits for the take of Joshua Trees, the Special Order mandates that the Town adopt an ordinance within 60 days that requires as a condition of any approval or permit for a single-family residence, accessory structure, or public works project that has one or more Joshua trees on the project site, satisfaction of each of the requirements set forth in subsections (d) of the Special Order.

K. The Special Order also mandates that the Town adopt an ordinance that provides for the issuance of permits authorizing either the removal of a dead Joshua Tree or the trimming of a dead limb of a Joshua Tree by a certified arborist, without payment of mitigation fees, provided that the dead Joshua Tree or dead limb to be removed (1) has fallen over; (2) is leaning against an existing structure; or (3) creates an imminent threat to public health or safety.

L. The Town Council has the power under Government Code sections 36934 and 36937 to adopt an ordinance that takes effect immediately if it is an ordinance for the immediate preservation of the public peace, health or safety, and is passed by a four-fifths vote of the Town Council.

M. Given the requirement of the Special Order that an ordinance be adopted by the Town within 60 days, there is no time for the Town to go through its standard process when adding provisions to its development code, which generally involves a hearing before the Planning Commission followed by a first and second reading of the proposed ordinance by the Town Council.

N. Unless the Town adopts this urgency ordinance, the Town will be unable to provide relief and issue permits to its residents for the removal of a dead Joshua Tree or the trimming of a dead limb of a Joshua Tree that may be creating an imminent threat of damage to persons or property, or threat to public health or safety.

O. This ordinance is temporary and limited in scope, and will only be valid during the candidacy period of the Joshua Tree, which is anticipated to be approximately one year.

P. The Town Council desires to adopt this ordinance, pursuant to Government Code sections 36934 and 36937, and in accordance with the Special Order to address the danger to public health, safety, and general welfare presented by the designation of the Joshua Tree as a candidate species under the California Endangered Species Act and the resulting limitations placed on the Town and Town residents to take a candidate species.

SECTION 2. Environmental Review. The Town Council finds as follows:

a. On January 7, 2014, The Town of Yucca Valley adopted Resolution No. 14-01 certifying the Final Environmental Impact Report prepared for the Yucca Valley General Plan Update ("GP Update EIR"), State Clearinghouse No. 2012111021, and Resolution No. 14-01 adopting CEQA Findings of Fact, a Statement of Overriding Considerations, and a Mitigation Monitoring and Reporting Program for the Yucca Valley General Plan Update Project and approving the Yucca Valley General Plan Update Project and approving the Yucca Valley General Plan Update Project.

b. Because neither the Yucca Valley General Plan Update Project nor the GP Update EIR was challenged, pursuant to Public Resources Code section 21167.2, the GP Update EIR is conclusively presumed to be valid and to comply with CEQA.

c. Consideration and approval of the proposed urgency ordinance is a subsequent discretionary action in furtherance of the General Plan Update Project and pursuant to Public Resources Code section 21067 and CEQA Guidelines section 15367, the Town of Yucca Valley is the Lead Agency for the currently proposed urgency ordinance project. Pursuant to CEQA, when taking subsequent discretionary actions in furtherance of a project for which an EIR has been certified, the lead agency is required to review the proposed project to determine whether any of the circumstances under Public Resources Code section 21166 and CEQA Guidelines section 15162 require additional environmental review.

d. Town staff and Placeworks (the Town's CEQA consultant) have evaluated the proposed urgency ordinance in light of the standards for subsequent environmental review outlined in Public Resources Code section 21166 and CEQA Guidelines section 15162 and concluded that the previously certified General Plan Update EIR fully identified, analyzed and adequately addressed all potentially significant impacts, if any, that could result from the proposed urgency ordinance and that, therefore, no subsequent EIR or mitigated negative declaration is required. Town staff and Placeworks prepared an Addendum to the General Plan Update EIR pursuant to CEQA Guidelines section 15164 to memorialize their evaluation, analysis and findings. The Addendum to the General Plan Update EIR is attached hereto as Exhibit "B" and incorporated herein.

e. The Town Council has been provided the Addendum and has reviewed and considered it together and in connection with the previously certified General Plan Update EIR and hereby finds that the Addendum reflects the Town's independent judgment, that the Addendum and the previously certified GP Update EIR, taken together, contain a complete and accurate reporting of all the potential environmental impacts associated with the proposed urgency ordinance and that the Addendum and administrative record have been completed in compliance with CEQA and the CEQA Guidelines.

f. Based on the substantial evidence set forth in the record, including but not limited to the Addendum, the previously certified GP Update EIR, all related and supporting technical reports, and the staff report, none of the conditions identified in CEQA Guidelines section 15162 requiring the need for further subsequent environmental review have occurred because:

(i) the proposed urgency ordinance does not constitute a substantial change that would require major revisions of the previously certified GP Update EIR due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;

(ii) there have been no substantial changes with respect to the circumstances under which the proposed urgency ordinance or the Yucca Valley General Plan Update Project will be implemented that would require major revisions of the previously certified GP Update EIR due to the involvement of new significant environmental effects or a substantial increase in the severity of the previously identified significant effects; and

(iii) there has been no new information of substantial importance that was not known and could not have been known with the exercise of reasonable diligence at the time the GP Update EIR was certified that has come to light showing: that there would be one or more significant effects not discussed in the previously certified GP Update EIR; that significant effects previously examined would be substantially more severe than shown in the previously certified GP Update EIR; that mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects but the Town Council declined to adopt such measures; or that mitigation measures or alternatives considerably different from those analyzed previously would substantially reduce one or more significant effects on the environment but which the Town Council declined to adopt.

g. The Town Council hereby approves and adopts the Addendum and imposes all applicable mitigation measures from the GP Update EIR, as modified by the Addendum, on the proposed urgency ordinance and any/all projects addressed and permits/authorizations issued pursuant to the urgency ordinance.

h. The Town Council hereby directs Town staff to prepare, execute and file a CEQA Notice of Determination with the San Bernardino County Clerk's Office within five (5) working days of the adoption of this urgency ordinance.

i. The documents and materials that constitute the record of proceedings upon which this Ordinance and its CEQA findings are based are located at the Town of Yucca Valley, Community Development Department, 58928 Business Center Drive, Yucca Valley, CA 92284. The custodian for these records is Shane Stueckle, Deputy Town Manager.

SECTION 3. Chapter 9.56 (Removal of Western Joshua Trees). Chapter 9.56, as set forth in Exhibit "A" attached hereto, is hereby added to the Town of Yucca Valley Municipal Code.

SECTION 4. Existing Native Landscape Regulations. During the effective period of this ordinance, Sections 9.07.130, 9.09.050, and 9.10.040, are amended to remove Western Joshua Tree (*Yucca brevifolia*) from the list of "Regulated Desert Native Plants" set forth in those sections.

SECTION 5. Effective Period. As an urgency ordinance, this ordinance takes effect immediately upon four-fifths vote of the Town Council, in accordance with Government Code sections 36934 and 36937. This ordinance shall remain in effect during the period in which the Western Joshua Tree remains a candidate species as defined by the by Section 2068 of the California Fish and Game Code. This ordinance shall automatically terminate when the Western Joshua Tree is no longer considered a candidate species under Section 2068 of the California Fish and Game Code.

SECTION 6. Severability. If any section, subsection, sentence, clause, or phrase of this ordinance is for any reason held to be invalid or unconstitutional by a decision of any court of competent jurisdiction, such decision will not affect the validity of the remaining portions of this ordinance. The Town Council hereby declares that it would have passed this ordinance and each and every section, subsection, sentence, clause, or phrase not declared invalid or unconstitutional without regard to whether any portion of the ordinance would be subsequently declared invalid or unconstitutional.

SECTION 7. Publication. The Town Clerk is directed to certify this ordinance and cause it to be published in the manner required by law.

PASSED, APPROVED, AND ADOPTED this 19th day of January 2021.


MAYOR

ATTEST:


TOWN CLERK

APPROVED AS TO FORM:



TOWN ATTORNEY

EXHIBIT "A"

9.56.010	Purpose
9.56.020	Definitions
9.56.030	Permit Required
9.56.040	Bi-Monthly Western Joshua Tree Mitigation Fund Payments
9.56.050	Bi-Monthly Western Joshua Tree Permitting Report
9.56.060	Annual Report On Survival of Western Joshua Trees
9.56.070	Permit Required and Take Permit Authorizations
9.56.080	Avoidance
9.56.090	Minimization
9.56.100	Relocation
9.56.120	Mitigation Fees
9.56.130	Dead and Trimming Western Joshua Trees
9.56.140	Enforcement

9.56.010 PURPOSE

The purpose of this Chapter is to establish permitting standards and process for the issuance of take permits for the Western Joshua Tree as authorized pursuant to the Special Order approved by the California Fish and Game Commission pursuant to Fish and Game Code section 2084 on December 10, 2020 ("Special Order"). The requirements set forth in this Chapter are intended to protect the public's health, safety, and welfare by ensuring that take permits for the Western Joshua Tree are only issued consistent and compliant with the Special Order.

9.56.010 DEFINITIONS

The following definitions apply to this Chapter.

Accessory Structure: Accessory structure means a subordinate structure, the use of which is incidental to an existing or contemporaneously constructed single-family residence, and includes: an accessory dwelling unit, addition to an existing single-family residence, garage, carport, swimming pool, patio, greenhouse, storage shed, gazebo, septic tank, sewer connection, solar panels, or gravel or paved driveway.

Desert Native Plant Specialist: Desert native plant specialist means (A) An arborist certified by the International Society of Arborists; or (B) An individual with a four-year college degree in ecology or fish and wildlife related biological science from an accredited college and at least two years of professional experience with relocation or restoration of native California desert vegetation; or (C) An individual with at least five years of professional experience with relocation or restoration of native California desert vegetation.

Department: Department means the Town of Yucca Valley Community Development Department.

Developed Parcel: Developed Parcel means a parcel with an existing single-family residence.

Participating Agency: Participating agency means the Town of Yucca Valley.

Project Proponent: Project Proponent means the owner of a project site for a single-family residence or accessory structure or the owner's agent or the public agency undertaking a public works project.

Project Site: Project Site means the parcel or parcels on which a project proponent proposes to construct a single-family residence or accessory structure or on which a public agency proposes to undertake a public works project.

Public Works Project: Public Works Project means a project for the erection, construction, alteration, maintenance, or repair of any public structure, building, or road.

Single Family Residence: Single-family residence means a single detached building that has been or will be constructed and used as living facilities, including provisions for sleeping, eating, cooking, and sanitation as required by the California Building Code for not more than one household. Nothing in this section shall be construed to authorize take of western Joshua tree for a subdivision or other development that includes more than one single-family residence.

Size Class: Size class means the classification of western Joshua trees by the following three sizes: (A) Less than one meter in height; (B) One meter or greater but less than four meters in height; and (C) Four meters or greater in height.

Undeveloped Parcel: Undeveloped parcel means a parcel without an existing single-family residence.

Western Joshua Tree: Western Joshua tree means an individual western Joshua tree (*Yucca brevifolia*) that has emerged from the ground, regardless of age or size, including all stems that have emerged from the ground within a one-meter radius measured from a single point at the base of the largest stem.

Western Joshua Tree Mitigation Fund: Western Joshua Tree Mitigation Fund means the State Western Joshua Tree Mitigation fund established pursuant to Section 14 Code Cal. Reg. § 749.10(a)(5).

9.56.040: BI MONTHLY DEPOSITS TO THE WESTERN JOSHUA TREE MITIGATION FUND

The Town shall make bi-monthly deposits to the Western Joshua Tree Mitigation Fund, by the fifteenth day of March, May, July, September, November, and January, of all mitigation fees collected during the preceding two calendar months.

9.56.50 BI-MONTHLY WESTERN JOSHUA TREE PERMITTING REPORT

A. The Town shall submit to the State Fish and Wildlife Department by the fifteenth day of

March, May, July, September, November, and January a bi-monthly report that includes the following information for the preceding two calendar months:

1. The number of projects approved by the Town pursuant to Section 9.56.070 that resulted in the removal or relocation of western Joshua trees.
2. The number and size class of western Joshua trees that were relocated pursuant to Section 9.56.100.
3. The number and size class of western Joshua trees removed and not relocated pursuant to Section 9.56.100.
4. The total amount of mitigation fees collected for each of the mitigation categories set forth in Section 9.56.120.
5. Documentation that the total amount of mitigation fees listed pursuant to Section 9.56.120 was paid into the Western Joshua Tree Mitigation Fund.
6. The number of dead western Joshua trees removed and live trees trimmed pursuant to Section 9.56.130.

9.56.060 ANNUAL REPORT ON SURVIVAL OF WESTERN JOSHUA TREES

- A. The Town shall submit an annual report on the survival rates of trees relocated by January 15 of each year beginning in 2022 and continuing for a total of three years. The annual report shall include, at a minimum, the following:
1. The total number of western Joshua trees relocated pursuant to Section 9.56.100.
 2. For each western Joshua tree relocated:
 - a. The street address for the parcel on which the western Joshua tree was relocated. If no street address is available, the property owner may include the assessor's parcel number.
 - b. The date of the relocation.
 - c. Whether the western Joshua tree is alive or dead as of the date of the annual report.
 - d. A photograph of the relocated western Joshua tree in its current condition.

9.56.070 PERMIT REQUIRED, PLANNING COMMISSION APPROVAL, AND TAKE PERMIT

AUTHORIZATIONS

- A. The Planning Commission may authorize the take of western Joshua tree associated with developing single-family residences, accessory structures, and public works projects concurrent with its approval of the project and subject to the following conditions, applications and processes:
1. No project shall be eligible to receive take authorization pursuant to this section if it will result in the take of more than ten western Joshua trees from the project site.
 2. Census
 - a. The project proponent proposing to relocate or remove a western Joshua tree shall cause a census of western Joshua trees to be conducted on the project site by a desert native plant specialist. The census shall tag and count all western Joshua trees on the project site and classify them by size class.
 - b. All applicants shall submit an application to the Department, on forms prescribed by the Department which shall including the following information. Additional information may be required by the Director or by the Planning Commission:
 - i. The name of the desert native plant specialist who conducted the census and the employer of the desert native plant specialist.
 - ii. The name of the desert native plant specialist who will relocate western Joshua trees, if applicable, and the employer of the desert native plant specialist.
 - iii. The date of the census
 - iv. The date or dates of the proposed relocation of western Joshua trees, if applicable.
 - v. A map of the project site that depicts the location of the proposed single-family residence, accessory structure, or public works project; the number and location of all western Joshua trees on the project site; and if applicable, the proposed western Joshua trees for removal, or the proposed placement of each relocated western Joshua tree.
 - vi. Photographs of each western Joshua tree on the project site, including a visual representation of the scale of the height of each tree.

- vii. Aerial imagery of the site in sufficient detail to identify the property and the western Joshua trees that are on the site and are a part of the application submitted.
- viii. Narrative written descriptions of each western Joshua tree, its diameter, height, existing health condition and any other information deemed necessary.

3. Additional Submittals

- a. New construction of single-family residential units as well as accessory structures shall require the submittal of all information on plans measuring approximately 24" x 36", shall be legibly drawn and shall accurately reflect aerial photography and satellite imagery generally available for the subject property.
- b. All property lines, dimensions, and existing structures, if any, shall be depicted on plans submitted with the application materials.
- c. Property owners name, mailing address, phone number, and email address.
- d. Applicant's name, mailing address, phone number and email address.
- e. Assessor parcel number(s), address, and general location of the property for which the application is submitted.
- f. General Plan designation and zoning designation of the subject project site.

4. Approval Process

- a. Authorizations for take may only be granted by the Planning Commission in conjunction with approved building permit plans and applications for public works projects, single family residence and accessory structures. Western Joshua tree take approvals and authorizations shall not be granted by the Planning Commission prior to the applicant receiving construction plan approvals. This does not apply to trimming or removal of dead western Joshua trees pursuant to this Ordinance.

9.56.80 AVOIDANCE

To the maximum extent practicable, the project proponent shall avoid take of western Joshua trees on the project site.

9.56.090 MINIMIZATION

The project proponent shall avoid all ground-disturbing activities within 10 feet of any western Joshua tree, unless those activities will be temporary, will not physically impact the western Joshua tree or its root system, and will not disturb the soil to a depth of greater than twelve inches.

9.56.100 RELOCATION

- A. To the maximum extent feasible, the project proponent shall relocate all western Joshua trees that cannot be avoided to another location on the project site.
- B. For purposes of this subsection, relocation of a western Joshua tree shall be determined to be infeasible if any of the following applies:
 - 1. Relocation of the western Joshua tree on the project site would pose a threat to public health or safety.
 - 2. Relocation of the western Joshua tree on the project site would interfere with existing roadways, sidewalks, curbs, gutters, utility lines, sewer lines, drainage improvements, foundations, structures, or setbacks to any of those structures or improvements.
 - 3. There is no location on the project site that satisfies the requirements of this ordinance.
- C. The project proponent shall ensure that relocation of western Joshua trees satisfies the following requirements:
 - 1. All relocations of western Joshua trees relocations one meter or greater in height shall be completed by a desert native plant specialist.
 - 2. All western Joshua trees to be relocated shall be placed at least twenty-five feet from any existing or proposed structure or improvement and at least ten feet from any other western Joshua tree.
 - 3. Within thirty days of completing the relocation, the project proponent shall provide the participating agency with a map of the project site indicating where each western Joshua tree was relocated.

9.56.110 REMOVAL OF WESTERN JOSHUA TREES

Subject to the limitations of this ordinance, a project proponent may remove western Joshua trees that cannot feasibly be avoided or relocated pursuant to this ordinance.

9.56.120 MITIGATION FEES

- A. Prior to applications being presented to the Planning Commission, the project proponent shall pay mitigation fees for deposit into the Western Joshua Tree Mitigation Fund as follows:
- B. For single-family residence projects and sewer connection projects undertaken on undeveloped parcels and public works projects to erect or construct a new public structure, building, road, or improvement, the project proponent shall pay mitigation fees as follows:
1. \$2425 for each western Joshua tree four meters or greater in height that is relocated.
 2. \$625 for each western Joshua tree under four meters in height that is relocated.
 3. \$4175 for each western Joshua tree four meters or greater in height that is removed and not relocated.
 4. \$1050 for each western Joshua tree under four meters in height that is removed and not relocated.
- C. For accessory structure projects undertaken on developed parcels and for public works projects to alter, maintain, or repair an existing public structure, building, road, or improvement, the project proponent shall pay mitigation fees as follows:
1. \$700 for each western Joshua tree four meters or greater in height that is relocated.
 2. \$175 for each western Joshua tree under four meters in height that is relocated.
 3. \$2100 for each western Joshua tree four meters or greater in height that is removed and not relocated.
 4. \$525 for each western Joshua tree under four meters in height that is removed and not relocated.

9.56.130 DEAD AND TRIMMING WESTERN JOSHUA TREES

- A. The Planning Commission may issue a permit to authorize either the removal of a dead western Joshua tree or the trimming of a western Joshua tree. The project proponent or its agent may remove a detached dead western Joshua tree or detached limb of a western Joshua tree. All other removals and all trimming of western Joshua trees authorized by permits issued pursuant to this subsection shall be completed by a desert native plant specialist. Planning Commission may issue a permit in accordance with this section without payment of mitigation fees, provided that the dead western Joshua tree or the limb(s) to be removed:

- (1) Has fallen over and is within 30 feet of a structure; or
- (2) Is leaning against an existing structure; or
- (3) Creates an imminent threat to public health or safety.

9.56.140 ENFORCEMENT

- A. A violation of any provision of this Chapter shall constitute a misdemeanor and shall be subject to enforcement pursuant to Title 1 or Chapter 9.82 of the Town Code, or any other method permissible by law.
- B. A violation of any provision of this Chapter may be punishable by an administrative citation under Chapter 1.04 of this Code in the amount of \$1,000 per western Joshua tree taken or trimmed without a permit. In addition to the payment of an administrative citation, fine, or any other penalty imposed, any person or entity that takes or trims a western Joshua tree without a permit and in violation of this Chapter shall subsequently pay the applicable per western Joshua tree fee had the permit been issued.
- C. Nothing in this Chapter shall be interpreted as conflicting with or overriding any provision of the California Endangered Species Act (California Fish and Game Code Section 2050, et. seq.) or prohibiting the Department of Fish and Wildlife, or any other entity, from enforcing the California Endangered Species Act as provided by law. If a person or entity takes a western Joshua tree in violation of the California Endangered Species Act, in addition to all other fines and penalties available under the law, the Department of Fish and Wildlife may impose a fine of not less than \$25,000 or more than \$50,000 or imprisonment in the county jail for not more than one year, or both. (See Fish and Game Code Section 12008.1.)

EXHIBIT "B"

Special Order Relating to Take of Western Joshua Tree (*Yucca brevifolia*) During Candidacy Period

Section 749.12 Title 14, CCR, is added to read:

749.12 Special Order Relating to Take of Western Joshua Tree (*Yucca brevifolia*) During Candidacy Period.

The commission authorizes the take and possession of western Joshua tree during the candidacy period for each of the activities described in this section, subject to the terms and conditions specified for each activity.

(a) The take authorization conferred by this section shall apply only to take authorized, pursuant to subsections (d) and (e), by the following counties, cities, and towns:

- (1) City of Palmdale.
- (2) County of San Bernardino.
- (3) Town of Yucca Valley.

(b) Definitions.

(1) Accessory structure means a subordinate structure, the use of which is incidental to an existing or contemporaneously constructed single-family residence, and includes: an accessory dwelling unit, addition to an existing single-family residence, garage, carport, swimming pool, patio, greenhouse, storage shed, gazebo, septic tank, sewer connection, solar panels, or gravel or paved driveway.

(2) Desert native plant specialist means:

(A) An arborist certified by the International Society of Arborists; or

(B) An individual with a four-year college degree in ecology or fish and wildlife related biological science from an accredited college and at least two years of professional experience with relocation or restoration of native California desert vegetation; or

(C) An individual with at least five years of professional experience with relocation or restoration of native California desert vegetation.

(3) Developed parcel means a parcel with an existing single-family residence.

(4) Participating agency means each of the counties, cities, and towns listed in subsection (a).

(5) Project proponent means the owner of a project site for a single-family residence or accessory structure or the owner's agent or the public agency undertaking a public works project.

(6) Project site means the parcel or parcels on which a project proponent proposes to construct a single-family residence or accessory structure or on which a public agency proposes to undertake a public works project.

(7) Public works project means a project for the erection, construction, alteration, maintenance, or repair of any public structure, building, or road.

(8) Single-family residence means a single detached building that has been or will be constructed and used as living facilities, including provisions for sleeping, eating, cooking, and sanitation as required by the California Building Code for not more than one household. Nothing in this section shall be construed to authorize take of western Joshua tree for a subdivision or other development that includes more than one single-family residence.

(9) Size class means the classification of western Joshua trees by the following three sizes:

(A) Less than one meter in height;

(B) One meter or greater but less than four meters in height; and

(C) Four meters or greater in height.

(10) Undeveloped parcel means a parcel without an existing single-family residence.

(11) Western Joshua tree means an individual western Joshua tree (*Yucca brevifolia*) that has emerged from the ground, regardless of age or size, including all stems that have emerged from the ground within a one-meter radius measured from a single point at the base of the largest stem.

(12) Western Joshua Tree Mitigation Fund means the fund established pursuant to Section 749.10(a)(5).

(c) Each participating agency shall:

(1) Within sixty days of the effective date of this section, adopt an ordinance that:

(A) Requires as a condition of any approval or permit for a single-family residence, accessory structure, or public works project that has one or more western Joshua trees on the project site satisfaction of each of the requirements set forth in subsection (d).

(B) Provides for the permitting of take of dead trees and trimming of limbs pursuant to subsection (e).

(2) Within sixty days of the effective date of this section, deposit moneys in the Western Joshua Tree Mitigation Fund as follows:

(A) The City of Palmdale shall deposit the sum of \$10,000.

(B) The County of San Bernardino shall deposit the sum of \$10,000.

(C) The Town of Yucca Valley shall deposit the sum of \$10,000.

(3) Make bi-monthly deposits to the Western Joshua Tree Mitigation Fund, by the fifteenth day of March, May, July, September, November, and January of all mitigation fees collected pursuant to subsection (d)(6) during the preceding two calendar months.

(4) Submit to the department at WJT@wildlife.ca.gov by the fifteenth day of March, May, July, September, November, and January a bi-monthly report that includes the following information for the preceding two calendar months:

(A) The number of projects approved pursuant to subsection (d) that resulted in the removal or relocation of western Joshua trees.

(B) The number and size class of western Joshua trees that were relocated pursuant to subsection (d).

(C) The number and size class of western Joshua trees removed and not relocated pursuant to subsection (d).

(D) The number of dead western Joshua trees removed and live trees trimmed pursuant to subsection (e).

(E) The total amount of mitigation fees collected for each of the mitigation categories set forth in subsection (d)(6).

(F) Documentation that the total amount of mitigation fees listed pursuant to subsection (c)(4)(E) was paid into the Western Joshua Tree Mitigation Fund.

(5) Submit to the department at WJT@wildlife.ca.gov an annual report on the survival rates of trees relocated pursuant to subsection (d) by January 15 of each year beginning in 2022 and continuing for a total of three years. The annual report shall include, at a minimum, the following:

(A) The total number of western Joshua trees relocated pursuant to subsection (d).

(B) For each western Joshua tree relocated:

1. The street address for the parcel on which the western Joshua tree was relocated. If no street address is available, the property owner may include the assessor's parcel number.

2. The date of the relocation.

3. Whether the western Joshua tree is alive or dead as of the date of the annual report.

4. A photograph of the relocated western Joshua tree in its current condition.

(d) Upon compliance with subsections (c)(1) and (2), each participating agency may authorize take of western Joshua tree associated with developing single-family residences, accessory structures, and public works projects concurrent with its approval of the project and subject to the following conditions:

(1) No project shall be eligible to receive take authorization pursuant to this section if it will result in the take of more than ten western Joshua trees from the project site.

(2) Census.

(A) The project proponent proposing to relocate or remove a western Joshua tree shall cause a census of western Joshua trees to be conducted on the project site by a desert native plant specialist. The census shall tag and count all western Joshua trees on the project site and classify them by size class.

(B) Prior to receiving take authorization from the participating agency, the project proponent shall submit to the participating agency a census report that shall include the following:

1. The name of the desert native plant specialist who conducted the census and the employer of the desert native plant specialist.

2. If applicable, the name of the desert native plant specialist who will relocate western Joshua trees pursuant to subsection (d)(4)(D) and the employer of the desert native plant specialist.

3. The date of the census.

4. The date or dates of the proposed relocation of western Joshua trees, if applicable.

5. A map of the project site that depicts: the location of the proposed single-family residence, accessory structure, or public works project; the number and location of all western Joshua trees on the project site; and, if applicable, the proposed western Joshua trees for removal, or the proposed placement of each relocated western Joshua tree.

6. Photographs of each western Joshua tree on the project site, including a visual representation of the scale of the height of each tree.

(3) Avoidance: To the maximum extent practicable, the project proponent shall avoid take of western Joshua trees on the project site.

(4) Minimization.

(A) Notwithstanding subsection (d)(3), the project proponent shall avoid all ground-disturbing activities within 10 feet of any western Joshua tree, unless those activities will be temporary, will not physically impact the western Joshua tree or its root system, and will not disturb the soil to a depth of greater than twelve inches.

(B) To the maximum extent feasible, the project proponent shall relocate all western Joshua trees that cannot be avoided to another location on the project site.

(C) For purposes of this subsection, relocation of a western Joshua tree shall be determined to be infeasible if any of the following applies:

1. Relocation of the western Joshua tree on the project site would pose a threat to public health or safety.

2. Relocation of the western Joshua tree on the project site would interfere with existing roadways, sidewalks, curbs, gutters, utility lines, sewer lines, drainage improvements, foundations, - structures, or setbacks to any of those structures or improvements.

3. There is no location on the project site that satisfies the requirements of subsection (d)(4)(D)2.

(D) The project proponent shall ensure that relocation of western Joshua trees pursuant to this section satisfies the following requirements:

1. All relocations of western Joshua trees one meter or greater in height shall be completed by a desert native plant specialist. All relocations of western Joshua trees less than one meter in height shall be relocated according to the terms of the applicable participating agency's ordinance adopted pursuant to subsection (c)(1).

2. All western Joshua trees to be relocated shall be placed at least twenty-five feet from any existing or proposed structure or improvement and at least ten feet from any other western Joshua tree.

3. Within thirty days of completing the relocation, the project proponent shall provide the participating agency with a map of the project site indicating where each western Joshua tree was relocated.

(5) Removal. Subject to the limitations of subsection (d)(1), a project proponent may remove western Joshua trees that cannot feasibly be avoided pursuant to subsection (d)(3) or relocated pursuant to subsection (d)(5).

(6) Mitigation. Prior to receiving take authorization from the participating agency, the project proponent shall pay mitigation fees to the participating agency for deposit into the Western Joshua Tree Mitigation Fund as follows:

(A) For single-family residence projects and sewer connection projects undertaken on undeveloped parcels and public works projects to erect or construct a new public structure, building, road, or improvement, the project proponent shall pay mitigation fees as follows:

1. \$2425 for each western Joshua tree four meters or greater in height that is relocated.
2. \$625 for each western Joshua tree under four meters in height that is relocated.
3. \$4175 for each western Joshua tree four meters or greater in height that is removed and not relocated.
4. \$1050 for each western Joshua tree under four meters in height that is removed and not relocated.

(B) For accessory structure projects undertaken on developed parcels and for public works projects to alter, maintain, or repair an existing public structure, building, road, or improvement, the project proponent shall pay mitigation fees as follows:

1. \$700 for each western Joshua tree four meters or greater in height that is relocated.
2. \$175 for each western Joshua tree under four meters in height that is relocated.
3. \$2100 for each western Joshua tree four meters or greater in height that is removed and not relocated.
4. \$525 for each western Joshua tree under four meters in height that is removed and not relocated.

(e) Each participating agency may issue a permit to authorize either the removal of a dead western Joshua tree or the trimming of a western Joshua tree. The project proponent or its agent may remove a detached dead western Joshua tree or detached limb of a western Joshua tree. All other removals and all trimming of western Joshua trees authorized by permits issued pursuant to this subsection shall be completed by a desert native plant specialist. Each participating agency may issue permits pursuant to this subsection, without payment of mitigation fees, provided that the dead western Joshua tree or the limb(s) to be removed:

- (1) Has fallen over and is within 30 feet of a structure; or
- (2) Is leaning against an existing structure; or
- (3) Creates an imminent threat to public health or safety.

(f) During the candidacy period, no participating agency shall authorize take pursuant to subsection (d), collectively, in excess of the following limits:

(1) The City of Palmdale shall not authorize take, in the form of relocation or removal, of more than 190 western Joshua trees pursuant to subsection (d).

(2) The County of San Bernardino shall not authorize take, in the form of relocation or removal, of more than 450 western Joshua trees pursuant to subsection (d).

(3) The Town of Yucca Valley shall not authorize take, in the form of relocation or removal, of more than 450 western Joshua trees pursuant to subsection (d), of which no more than 100 western Joshua trees shall be relocated or removed in relation to sewer connection projects.

(g) Enforcement.

(1) The department shall suspend a participating agency's authority to issue take authorization pursuant to subsections (d) and (e) if the participating agency does any of the following:

(A) Fails to make bi-monthly deposits of mitigation fees into the Western Joshua Tree Mitigation Fund, as required by subsection (c)(3).

(B) Fails to provide bi-monthly reports to the department, as required by subsection (c)(4).

(C) Authorizes take for a project not eligible to receive take authorization under this section.

(D) Authorizes take in excess of the limits set forth in subsection (f).

(2) The department shall provide the participating agency with written notice of a suspension within ten days of the department's discovery of facts supporting the suspension. A notice of suspension shall provide the participating agency with thirty days to remedy the failure identified in the notice. If the participating agency provides the department with written documentation that it has remedied the failure within thirty days of receipt of the notice, the department shall lift the suspension.

(3) The department shall revoke a participating agency's authority to issue take authorization pursuant to subsections (d) and (e) if the participating agency fails to remedy a failure identified in a notice of suspension within thirty days of receipt of the notice. All revocations shall be permanent.

(h) Limitations.

(1) Nothing in this section is intended to be or shall be construed to be a general project approval. It shall be the responsibility of each project proponent receiving take authorization pursuant to this section to obtain all necessary permits and approvals and to comply with all applicable federal, state, and local laws.

(2) Nothing in this section is intended to or shall be construed to limit the terms and conditions, including those relating to compensatory mitigation, the department includes in incidental take permits for western Joshua tree issued pursuant to Fish and Game Code section 2081, subdivision (b).

Note: Authority cited: Sections 399 and 2084, Fish and Game Code. Reference: Sections 399 and 2084, Fish and Game Code.

STATE OF CALIFORNIA
 COUNTY OF SAN BERNARDINO
 TOWN OF YUCCA VALLEY

I, Lesley R. Copeland, Town Clerk of the Town of Yucca Valley, California hereby certify that the foregoing Urgency Ordinance No. 291 was adopted at a meeting of the Town Council on the 19th day of January 2021 by the following vote, to wit:

Ayes:	Council Members Denison, Drozd, Lombardo, Schooler and Mayor Drozd
Noes:	None
Abstain:	None
Absent:	None

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the official seal of the Town of Yucca Valley, California, this 22nd day of January 2021.


 Town Clerk of the Town of Yucca Valley



Western Joshua Tree Application

7.b

Date Received _____
 Case WJT 011-22
 By Evan

General Information

APPLICANT TOWN OF YUCCA VALLEY Phone 760-369-6579

Mailing Address 58928 Business Center Dr. Email abaldizzone@yucca-valley.org

City Yucca Valley State CA Zip 92284

PROPERTY OWNER TOWN OF YUCCA VALLEY Phone 760-369-6579

Mailing Address 58928 Business Center Dr. Email abaldizzone@yucca-valley.org

City Yucca Valley State CA Zip 92284

Address/Location of Plants APN: 058527107, 7340 Fairway Drive

Desert Native Plant Specialist _____

Project Information

TYPE OF PLANT	# OF PLANTS BEING DESTROYED	# OF PLANTS BEING TRANSPLANTED	# OF PLANTS BEING TRIMMED	APPLICATION FEE	HEIGHT	DIAMETER	MITIGATION FEE FOR REMOVAL
WESTERN JOSHUA TREE (Yucca brevifolia)	3	10		\$0.00	report	report	

Reason for removal North Park Improvements

Property owner signature _____ Date _____

Ten (10) Living Joshua Trees to be Transplanted On-Site (15,16,17,18,21,27,28,33,37,68)
 Three (3) Dead Joshua Trees to be Destroyed (34,70,78)

Staff Use Only

Issuance Date: _____ Issued By: _____

Approved as shown on plot plan _____ photos _____ Total Fees: _____

Denied _____ Reason for Denial _____



Native Plant Permit Application

Date Received _____
 By EVAN
 Case # NPP 087-22

General Information

APPLICANT TOWN OF YUCCA VALLEY Phone 760-369-6579

Mailing Address 58928 Business Center Dr. Email abaldizzone@yucca-valley.org

City Yucca Valley State CA Zip 92284

PROPERTY OWNER TOWN OF YUCCA VALLEY Phone 760-369-6579

Mailing Address 58928 Business Center Dr. Email abaldizzone@yucca-valley.org

City Yucca Valley State CA Zip 92284

Address/Location of Plants 7340 Fairway Drive

Project Information

TYPE OF PLANT	# OF PLANTS BEING DESTROYED	# BEING RELOCATED		# BEING PROTECTED IN PLACE	# BEING TRIMMED	HEIGHT	DIAMETER
		ON-SITE	OFF-SITE				
MOJAVE YUCCA	0	22		48		report	report
JOSHUA TREE	3 dead WJT	10		53		report	report
OUR LORDS CANDLE	0			0			
CALIFORNIA JUNIPER	0			0			
PINON PINE	0			0			
PARRY'S NOLINA	0			1		report	report

Reason for relocation or removal North Park Improvements

Property owner signature _____ Date _____

Staff Use Only
 Issuance Date: _____ Issued By: _____

Approved as shown on plot plan _____ photos _____ Expiration _____

Denied _____ Reason for Denial _____

PLOT PLAN

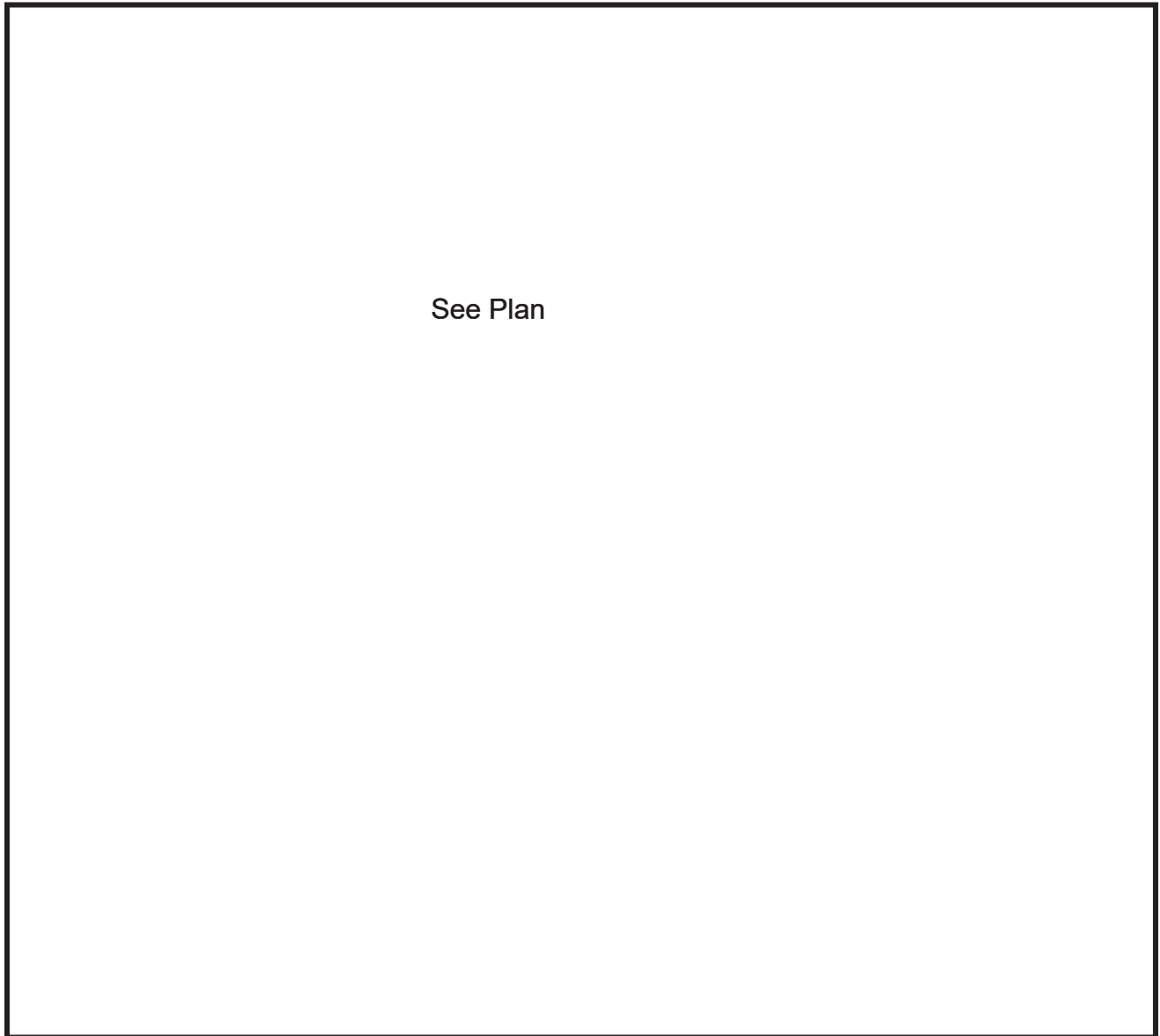
NAME _____

PROJECT ADDRESS 7340 Fairway Drive

ASSESSOR PARCEL NO. 0585-271-07

IF YOUR LOT IS NOT RECTANGULAR, PLEASE DRAW CORRECT DIMENSIONS AND SHAPE

REAR PROPERTY LINE



FRONT PROPERTY LINE
STREET

Attachment: WJT 011-22, NPP 087-22 7340 Fairway Drive (4173 : Western Joshua Tree (WJT) Permit 011-22, Native Plant Permit (NPP) 087-22

Western Joshua Tree Take Permit Submittal Requirements

Please note - The census shall tag and count all western Joshua trees on the project site and classify them by size class.

1. The name of the desert native plant specialist who conducted the census and the employer of the desert native plant specialist.

Name: Marinna Wagner

Employer Name: Marinna Wagner

2. The name of the desert native plant specialist who will relocate Western Joshua trees, if applicable, and the employer of the desert native plant specialist.

Name: To be determined and contracted by the Town of Yucca Valley

Employer Name: Unknown; TBD

3. The date of the census. 1/3/21
4. The date or dates of the proposed relocation of western Joshua trees, if applicable.

Unknown; TBD

5. A map of the project site that depicts the location of the proposed single-family residence, accessory structure, or public works project; the number and location of all Western Joshua trees on the project site; and if applicable, the proposed Western Joshua trees for removal, or the proposed placement of each relocated Western Joshua tree (Note: this can be included on the 24"x36" plans).

See notes below

6. Photographs of each western Joshua tree on the project site, including a **visual representation** (e.g., tape measure, yardstick, etc.) of the scale of the height of each tree.

See report

7. Aerial imagery of the site in sufficient detail to identify the property and the Western Joshua trees that are on the site and are a part of the application submitted.

See map

8. Narrative written descriptions of each western Joshua tree, its diameter, height, existing health condition and any other information deemed necessary.

See report

9. New construction of single-family residential units as well as accessory structures shall require the submittal of all information on plans measuring approximately 24" x 36", shall be legibly drawn and shall accurately reflect aerial photography and satellite imagery generally available for the subject property.
- All property lines, dimensions, and existing structures, if any, shall be depicted on plans submitted with the application materials.
 - Property owners name, mailing address, phone number, and email address.
 - Applicant's name, mailing address, phone number and email address.
 - Assessor parcel number(s), address, and general location of the property for which the application is submitted.
 - General Plan designation and zoning designation of the subject project site.

Census Table

Tag #	Height	Diameter	Health (Dead, Poor, Ok, Good, Great)	Transplant, Destroy, or Protect in Place	Size Class (Place an "X" in the corresponding column)		
					Class 1/A (Less than 1 Meter)	Class 2/B (Between 1 Meter and 4 Meters)	Class 3/C (4 Meters or Taller)
1	5 M	3.8 M	GOOD	PROTECT **			X
2	1.6 M	60 CM	GREAT	PROTECT		X	
3	5.1 M	4.8 M	GOOD	PROTECT			X
4	2.5 M	1.5 M	DEAD	DESTROY *		X	
5	2.45 M	1.5 M	GREAT	PROTECT		X	
7	3 M	2.9 M	GREAT	PROTECT **		X	
8	4.3 M	2.25 M	OK	PROTECT **			X
9	3 M	2M	GREAT	PROTECT		X	
10	4 M	1.5 M	GREAT	PROTECT			X
11	6 M	2 M	GOOD	PROTECT			X
12	4.2 M	3.6 M	GREAT	PROTECT			X
13	2.1 M	80 CM	GREAT	PROTECT **		X	
14	2.3 M	1 M	GREAT	PROTECT **		X	
15	1.8 M	1 M	OK	TRANSPLANT		X	
16	30 CM	30 CM	GREAT	TRANSPLANT	X		
17	2.2 M	3.8 M	GREAT	TRANSPLANT		X	
18	2 M	1 M	GREAT	TRANSPLANT		X	

21	5.5 M	2.25 M	GOOD	TRANSPLANT			X
27	2.1 M	2 M	GOOD	TRANSPLANT ***		X	
28	4.2 M	4.5 M	GOOD	TRANSPLANT**			X
29	1 M	1 M	OK	PROTECT	X		
30	5 M	3 M	GREAT	PROTECT			X
31	85 CM	35 CM	GREAT	PROTECT	X		
32	4 M	4 M	GREAT	PROTECT **			X
33	2 M	80 CM	GREAT	TRANSPLANT ***		X	
34	1 M	60 CM	DEAD	DESTROY	X		
37	2.5 M	2.25 M	GREAT	TRANSPLANT ***		X	
40	1 M	40 CM	GREAT	PROTECT	X		
41	4.2 M	4.5 M	GREAT	PROTECT			X
43	5.5 M	3 M	GOOD	PROTECT			X
45	6 M	3 M	GOOD	PROTECT			X
46	2.4 M	80 CM	GREAT	PROTECT		X	
48	5 M	3.8 M	GREAT	PROTECT			X
49	4 M	3 M	GREAT	PROTECT			X
50	1.3 M	80 CM	GREAT	PROTECT		X	
51	2.5 M	2 M	DEAD	DESTROY *		X	
58	3.8 M	2.2 M	GOOD	PROTECT		X	
59	2.4 M	2.2 M	GOOD	PROTECT		X	
60	6 M	3.9 M	GOOD	PROTECT **			X
68	1 M	60 CM	GREAT	TRANSPLANT	X		
70	4 M	NA	DEAD	DESTROY			X
78	4 m	NA	DEAD	DESTROY			X
83	2.5 M	NA	DEAD	DESTROY *		X	
89	4 M	NA	DEAD	DESTROY *			X
94	1.6 M	50 CM	GREAT	PROTECT		X	
95	2.1 M	2.5 M	GREAT	PROTECT		X	
99	6 M	4 M	GREAT	PROTECT			X
100	3.8 M	2.5 M	GREAT	PROTECT		X	
101	4.1 M	2.2 M	GREAT	PROTECT			X
104	4 M	NA	DEAD	DESTROY *			X
106	4 M	12 M	GREAT	PROTECT			X
111	1.3 M	50 CM	OK	PROTECT		X	
115	1.2 M	45 CM	GREAT	PROTECT	X		
116	4.5 M	2 M	GREAT	PROTECT			X
118	1.6 M	30 CM	GREAT	PROTECT		X	
123	2.4 M	1.7 M	GREAT	PROTECT		X	
124	4 m	2.25	GREAT	PROTECT			X
125	2.2 M	2 M	GREAT	PROTECT		X	
130	4.5 M	2.8 M	GOOD	PROTECT			X
131	4 M	NA	DEAD	DESTROY *			X

132	3.8 M	2.4 M	GREAT	PROTECT			X
133	1.7 M	65 CM	GREAT	PROTECT		X	
134	4 M	3 M	GREAT	PROTECT			X

- * Dead - not part of the work area, recommended to leave in place as habitat.
- ** These trees are near, but outside the work area. It is recommended that the work area be adjusted accordingly to maintain 10 ft of distance from the trees.
- *** It appears these trees have been transplanted before due to the berms around the base and it's possible they may struggle to survive a second transplant.

Transplant Relocation Notes (Item #5):

The recommendations for determining potential transplant locations include the following:

1. Placed at least 25 ft from any existing or proposed structure or improvement,
2. Placed at least 10 ft from any other western Joshua Tree,
3. For large trees that must be moved with equipment, equipment accessibility will likely be required, and such activity should not cause any damage to any other long-lived plants.
4. In order to take into account the Town's future plans, potential locations should be determined by the Town and reviewed by the Native Plant Specialist.
5. Prior to finalizing locations, simple percolation tests are required to determine if the soil is free-draining, uncompacted enough to dig deep, and suitable for transplant.

January 18, 2022

ARMANDO BALDIZZONE
 TOWN OF YUCCA VALLEY
 PUBLIC WORKS DEPARTMENT
 58928 BUSINESS CENTER DRIVE
 YUCCA VALLEY, CA 92284
 P: 760.369.6579 EXT. 307
 ABALDIZZONE@YUCCA-VALLEY.ORG

NATIVE PLANT INVENTORY REPORT SITE MAP WITH PHOTOGRAPHIC CENSUS

This report is for the North Park Improvements in the Town of Yucca Valley off of Fairway Drive. A field census and native plant inventory was performed on December 16 and 17, 2021 to evaluate the parcel for Joshua Trees (*Yucca brevifolia* ssp. *brevifolia*), a candidate species under the California Endangered Species Act (CESA), effective October 9, 2020.

The current condition of the property is undeveloped land with a significant amount of native vegetation. It appears there may have been some dumping of plant material on the site, but timelines of such actions are unknown. There are 62 *Yucca brevifolia* ssp. *brevifolia* within the 50 ft marked boundary provided by the Town. There is a significant amount of *Yucca schidigera* on the site; approximately 71 within the marked boundaries and more along the outer edges of the boundary.

In addition to the *Yucca* species, it is highly recommended that all *Echinocereus englemannii*, *Opuntia basilaris*, and *Nolina parryi* (identified in this report) be salvaged within the construction zone because these succulents are slow growing and relatively easy to transplant. It is suggested that the *Ziziphus parryi* within the construction zone should also be transplanted, depending on feasibility, because the species is a long-lived small tree that is not common throughout the region. All *Juniperus californicus* are outside of the construction boundaries on sloped hillsides to the northwest and should not be affected as long as the overall site drainage isn't largely altered.

It was observed that the southeastern side of the project area, which is a north facing slope, collects quite a bit of runoff from the hillside to the west and subsequently supports many large mature *Yucca brevifolia* ssp. *brevifolia*. The north side of the project area, which is a south facing rocky slope, has very few mature *Yucca brevifolia* ssp. *brevifolia*.

The primarily goal is to avoid the take of western Joshua Trees on the project site. Following plan revisions by the town on 1.7.22 the following notes apply:

1. For trees 1, 8, 7, 28, and 60 it is recommended that the design be modified to maintain 10 ft from the trees. These trees are too big for successful transplant and they will survive best if left in place.
2. For trees 15, 16, 17, 18, 21, 27, 33, 37, and 68 transplant is recommended given current plans.
3. For trees 27, 33, and 37 it appears they have been transplanted before, it is possible that they may struggle to survive a second transplant. If moved before, then root system has already been reduced and it could be possible to conduct work closer than 10 ft without significantly disturbing the root system.
4. Within the work area, there are approximately 16-18 *Yucca schidigera* that will require transplant.
5. Since several dead trees (4, 51, 83, 89, 104, 131) are outside of the work area, it is recommended the dead trees remain in place as mulch and habitat for critters.

Transplant Notes:

The best time of year to transplant all *Yucca* species is when temperatures are warm and they are growing. Ideally, transplanting occurs from mid March through the end of October, avoiding the heat of the summer whenever possible. Transplants should be given regular water during warm and dry periods for up to 1-3 years depending on the individual plant's growth habit and the overall weather conditions. If this cannot be provided through the installation of a drip irrigation system, trucked-in and hand watering can suffice. Some of these plants will require wooden framing and equipment to transplant as well as staking and guying systems to support the tall trees. It also may be suitable to box some of the trees to transplant them more successfully, however this method is more time consuming. Alternatively a tree spade or other heavy equipment proposed by knowledgeable and experienced contractors will work.

Given site observations, the south side of the project area where the majority of the Joshua Trees are currently located, may have more suitable soil conditions for transplant. Given this observation, it may not be recommended to transplant any trees on or near the west facing rocky slope.

The recommendations for determining potential transplant locations include the following:

1. Placed at least 25 ft from any existing or proposed structure or improvement,
2. Placed at least 10 ft from any other western Joshua Tree,
3. For large trees that must be moved with equipment, equipment accessibility will likely be required, and such activity should not cause any damage to any other long-lived plants.
4. In order to take into account the Town's future plans, potential locations should be determined by the Town and reviewed by the Native Plant Specialist.
5. Prior to finalizing locations, simple percolation tests are required to determine if the soil is free-draining, uncompacted enough to dig deep, and suitable for transplant.

Report Notes:

Red text highlights plants that are within or near the work area established by the Town. Please see census chart for further notes.

CONDUCTED BY: MARINNA WAGNER
WE-13354A
ISA CERTIFIED ARBORIST



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 1

STATUS (TRANSPLANT, DESTROY, PROTECT): **Protect**

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 5 m x 3.8 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: SE VIGOR: Normal FOLIAGE: Good condition CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 30 +/- MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 2

MAJOR BRANCH FAILURES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 0 MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Main tallest branch is weak and showing signs of sap at the joint

ROOT FLARE CONDITION: Slightly buried due to site erosion

DRIP LINE RADIUS: 3.8 m or approx. 12 ft

TRANSPLANT FEASIBILITY NOTES: It could be possible to transplant, but risky with the tallest branch's weakness and the age of the plant. It is likely that the tallest branch would either break or need to be pruned and then the plant would be a bit unsightly. The tree will need framing to relocate as well as staking and guying to support it after transplant.

OTHER NOTES & RECOMMENDATIONS: Given the lean and the slope the deeper roots may be to the NW and the shallow roots to the SE. Since the SE side of the root system can remain undisturbed, it would be preferred to disturb a small portion of the root system instead of destroying or attempting transplant the plant. It is recommended that the design is modified to maintain 10 ft from the tree. This tree is right on the edge of being too large for a successful transplant and will survive best if in place.



Sap on trunk of tallest branch.

SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 2

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 60 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: N VIGOR: Normal FOLIAGE: Good condition CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1 MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0 MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1/2 m or 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary

OTHER NOTES & RECOMMENDATIONS: Tree is likely utilizing the shrub as a nurse plant. Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to leave in place and work around the plant.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 3

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 5.1 m x 4.8 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: SE VIGOR: High

FOLIAGE: Great

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 50 +/-

MAX BRANCH DIAMETER: 55 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 8-9

MAX HEIGHT OF TALLEST PUP: 2.5 m

DECAY OR DAMAGE: Some bark decay on the trunk and the mother plant shows some signs of stress likely due to age or past animal damage.

ROOT FLARE CONDITION: Ok

DRIP LINE RADIUS: 3 m or 10 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary, it would be challenging to relocate due to stress of mother plant and the quantity of pups. The pups are very healthy, but likely are depending on the main plant's root system and pups' root system can get damaged in the process of moving the plant.

OTHER NOTES & RECOMMENDATIONS: There are 1-2 pups that are right on the edge of just past a meter, it's hard to tell if they are separate plants or not. One pup has been identified as an individual at the end of this report as #133. Given the vigor of this plant, it's not impossible that they are all connected.



Some thatch and bark decay, possibly due to animals or age.

SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 4

STATUS (TRANSPLANT, DESTROY, PROTECT): Destroy *although outside of work area

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.5 m x 1.5 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

NUMBER OF LIVE BRANCHES: 0 MAX BRANCH DIAMETER: NA

NUMBER OF DEAD BRANCHES: 5-6 approximately

MAJOR BRANCH FAILURES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 1

NUMBER OF PUPS: 0 MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Plant snapped at approximately 60-80 cm from the base

ROOT FLARE CONDITION: Ok

DRIP LINE RADIUS: NA

TRANSPLANT FEASIBILITY NOTES: Since this plant doesn't have any existing pups or green leaves, it is unlikely it will produce a pup, but not impossible.

OTHER NOTES & RECOMMENDATIONS: No green left on the plant, it's likely that this death occurred in the last 1-3 years as there is no significant signs of decay. Since the plant is outside of the work area, it is recommended that the dead portions be left on site as mulch and habitat for critters.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 5

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.45 m x 1.5 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: None VIGOR: Normal

FOLIAGE: Great

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 8

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 2

MAX HEIGHT OF TALLEST PUP: 2 m

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1.8 m or approx. 6 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary given work area, but feasible given size and compact branches.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to leave plant in place and work around it. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 6

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant if necessary**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 110 cm x 80 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: dull and stressed

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible if necessary when grading.

OTHER NOTES & RECOMMENDATIONS: Appears that this plant may have suffered some vehicular damage. With care and regular water, transplant success can be high.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 7

STATUS (TRANSPLANT, DESTROY, PROTECT): **Protect**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 3 m x 2.9 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: SE VIGOR: High

FOLIAGE: Good

CROWN DENSITY: Dense

NUMBER OF LIVE BRANCHES: 30 +/-

MAX BRANCH DIAMETER: 50 cm

NUMBER OF DEAD BRANCHES: 5

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Some bark damage at the base, perhaps due to age

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2.5 m or 8 ft

TRANSPLANT FEASIBILITY NOTES: Not recommended due to the size and the severe lean, it may be difficult to frame and keep branches or the trunk from snapping while moving. It is recommended to protect in place.

OTHER NOTES & RECOMMENDATIONS: Healthy plant; with the severe lean it is likely that the deep supporting roots are to the northwest and the wide shallow water collecting roots are more on the southeast side, but that is not always the case and cannot be determined without digging. Best to leave plant in place and work around it. Since the SW portion of the root system can remain undisturbed, it would be preferable to disturb a small portion of the root system as opposed to destroying or attempting transplant. It is recommended that the design be modified to maintain 10 from this tree. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 8

STATUS (TRANSPLANT, DESTROY, PROTECT): **Protect**

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4.3 m x 2.25 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: SE VIGOR: Low

FOLIAGE: Good, small

CROWN DENSITY: Somewhat sparse

NUMBER OF LIVE BRANCHES: 13

MAX BRANCH DIAMETER: 35 cm

NUMBER OF DEAD BRANCHES: 6

MAJOR BRANCH FAILURES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 3

NUMBER OF PUPS: 3

MAX HEIGHT OF TALLEST PUP: 40 cm

DECAY OR DAMAGE: Some trunk damage and missing bark

ROOT FLARE CONDITION: Ok

DRIP LINE RADIUS: 1.75 m or approx 5.75 ft

TRANSPLANT FEASIBILITY NOTES: Possible, but this is a tall plant with long arms, it will require framing and staking and guying due to age. Best to transplant pups with mother plant, but it will be challenging to move them all together without breaking roots even when exercising as much caution as possible.

OTHER NOTES & RECOMMENDATIONS: It is better to leave the tree in place and work around it. Keep all work off the drip line radius. Town requires a minimum of a 10 ft radius (approx. 3 m) and it is recommended that the design be modified to maintain 10 ft of distance. Since the majority of this root system will remain undisturbed, it could be preferable to disturb a small portion as opposed to destroying or attempting transplant. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 9

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 3 m x 2 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: S VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 12

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 6

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 4

MAX HEIGHT OF TALLEST PUP: 40 cm

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1 m or approx 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary, but feasible.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a minimum of a 10 ft radius (approx. 3 m). Best to leave plant in place and work around it. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 10

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m x 1.5 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: S VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 10

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 1

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 4

MAX HEIGHT OF TALLEST PUP: 40 cm

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Ok

DRIP LINE RADIUS: 1 m or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary, but feasible.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to leave plant in place and work around it. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 11

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 6 m x 2 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: S VIGOR: Normal

FOLIAGE: Good, very long CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 14

MAX BRANCH DIAMETER: 80 cm

NUMBER OF DEAD BRANCHES: 3

MAJOR BRANCH FAILURES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 7

MAX HEIGHT OF TALLEST PUP: 80 cm

DECAY OR DAMAGE: Potential bird nesting in hole in broken branch.

ROOT FLARE CONDITION: Ok

DRIP LINE RADIUS: 2 m or approx 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary, near the edge of the 50 ft radius from work area.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m) and it is best to modify the design to leave plant in place. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 12

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4.2 m x 3.6 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: S VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 25 +/-

MAX BRANCH DIAMETER: 40 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Trunk has some minor bark damage, likely due to age or past rodent damage.

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 3 m or approx. 10 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary, near the edge of the 50 ft radius off of the work area.

OTHER NOTES & RECOMMENDATIONS: Severe lean to the south, best to stay off drip line radius to prevent causing any plant instability. Town requires a 10 ft radius (approx. 3 m) and it is best to modify the design to leave plant in place. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 13

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.1 m x 80 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: S VIGOR: Normal

FOLIAGE: Good, very long CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 3

MAX BRANCH DIAMETER: 80 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1/2 m or 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary, but feasible given size and minimal branches.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to leave plant in place and work around it. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 14

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.3 m x 1 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: S VIGOR: Normal

FOLIAGE: Good, very long CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 3

MAX BRANCH DIAMETER: 80 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1/2 m or 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary, but feasible given size and minimal branches.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m), modify design to maintain 10 ft. Best to leave plant in place and work around it. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 15

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.8 m x 1 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: S VIGOR: Normal

FOLIAGE: Good, very long CROWN DENSITY: Sparse

NUMBER OF LIVE BRANCHES: 5

MAX BRANCH DIAMETER: 80 cm

NUMBER OF DEAD BRANCHES: 3

MAJOR BRANCH FAILURES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 3

NUMBER OF PUPS: 3

MAX HEIGHT OF TALLEST PUP: 30 cm

DECAY OR DAMAGE: Broken branches, no decay

ROOT FLARE CONDITION: Some erosion and plant waste on top of root flare

DRIP LINE RADIUS: 1 m or 3.25 ft with dead arm

TRANSPLANT FEASIBILITY NOTES: Feasible given size, perhaps it would help to prune dead branches prior to transplant. The plant can likely bounce back with infrequent and regular irrigation. Transplant the entire plant with pups if possible. If pups break off of the main plant's root system, it's possible they will not survive.

OTHER NOTES & RECOMMENDATIONS: If possible to protect in place, keep all work off the drip line radius. Work could likely come close to this plant without disturbing it's root system significantly. Town requires a 10 ft radius (approx. 3 m).



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 16

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 30 cm x 30 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: None VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: NA

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 30 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Some erosion and plant waste on top of root flare

DRIP LINE RADIUS: 20 cm

TRANSPLANT FEASIBILITY NOTES: Feasible given size.

OTHER NOTES & RECOMMENDATIONS: This pup is more than 1 meter from the other trunks. If possible to protect in place, keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m).



Tree is more than 1 m from the main trunk, located near red circle under pine branches.

SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 17

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.2 m x 3.8 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: S VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 30 +/-

MAX BRANCH DIAMETER: 30 cm

NUMBER OF DEAD BRANCHES: 5

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 9

MAX HEIGHT OF TALLEST PUP: 140 cm

DECAY OR DAMAGE: Some rodent damage to lower pups

ROOT FLARE CONDITION: Some erosion

DRIP LINE RADIUS: 2 m or 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible given size, however transplanting with pups may be challenging. It can be difficult to keep them all together without breaking the root system. Some framing will be required due to weak branches and downward habit. It's possible that during transplant these pups will separate, take all reasonable caution to keep the plant together, any that separate can be planted nearby.

OTHER NOTES & RECOMMENDATIONS: If possible to protect in place, keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). This plant flowered within the last two years and is contributing to the seed bank.



From this plant to the next one is more than 1 m (red marker) & main trunk to the right.

SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 18

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 1 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: S VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: NA

NUMBER OF LIVE BRANCHES: 2

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 1

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Some erosion causing build up of sand near root flare likely due to adjacent road

DRIP LINE RADIUS: 1 m or 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible given size and health.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius if possible to leave in place. Town requires a 10 ft radius (approx. 3 m) if possible to modify design and leave in place.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 19

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant if necessary**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.1 m x 2.7 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: a bit yellow

NUMBER OF LIVE BRANCHES: 16 (1 branch with double head)

NUMBER OF DEAD BRANCHES: 3

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1.5 M or approx. 5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, however will likely need to be broken up into 2-3 large clusters to move as equipment may not be able to scoop up 9 ft without it falling apart, to be determined on site.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 20

STATUS (TRANSPLANT, DESTROY, PROTECT): **Protect or transplant**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 3 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Healthy

NUMBER OF LIVE BRANCHES: 11

NUMBER OF DEAD BRANCHES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1.5 M or approx. 5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary. Best to keep in place if possible. This plant will likely need to be broken up into 2-3 large clusters to move as equipment may not be able to scoop up 10 ft without it falling apart, to be determined on site.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 21

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 5.5 m x 2.25 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: SE VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 14

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 1

MAJOR BRANCH FAILURES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Several holes in trunk and loss of bark around trunk and at main joint

ROOT FLARE CONDITION: Slightly buried

DRIP LINE RADIUS: 1.75 m or 5.75 ft

TRANSPLANT FEASIBILITY NOTES: Given trunk damage, joint weakness, and age, this tree may be quite fragile during transplant and is it may struggle to survive transplant, however it is worth trying to save. Leaves are healthy and the tree is reproducing.

OTHER NOTES & RECOMMENDATIONS: Town requires a 10 ft radius (approx. 3 m), if possible to modify design to maintain 10 ft it would be best keep tree in place if possible to work around given the health condition of the tree. Keep all work off the drip line radius. If possible to leave a large portion of the root system undisturbed, it may be preferable to disturb a small portion as opposed to destroying or attempting transplant. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 22

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 60 cm x 80 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Ok

NUMBER OF LIVE BRANCHES: 2

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 23

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 60 cm x 70 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Ok

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 24

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 80 cm x 1 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Ok

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 25

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 90 cm x 1.5 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Ok

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 3/4 M or approx. 2.4 ft

TRANSPLANT FEASIBILITY NOTES: Feasible

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 26

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant if necessary**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.2 m x 2.5 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Yellowing

NUMBER OF LIVE BRANCHES: 6

NUMBER OF DEAD BRANCHES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1.8 M or approx. 6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but may need to break up into 2 groups.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 27

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.1 m x 2 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

LEAN: S VIGOR: Normal

FOLIAGE: Good, little yellow CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 9

MAX BRANCH DIAMETER: 40 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 3

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Ok, there is a berm around this plant, appears it was likely transplanted at one time.

DRIP LINE RADIUS: 1 m or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible given size, however if this has been moved before, the likelihood if it surviving more than one transplant is low.

OTHER NOTES & RECOMMENDATIONS: Town requires a 10 ft radius (approx. 3 m), if possible to modify the design and maintain 10 ft it would best to leave plant in place and work around it. Given size and previous transplant, construction work could get relatively close to a portion of this root system without causing significant stress or damage. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 28

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4.2 m x 4.5 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

LEAN: S VIGOR: Normal

FOLIAGE: Ok

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 18

MAX BRANCH DIAMETER: 40 cm

NUMBER OF DEAD BRANCHES: 4

MAJOR BRANCH FAILURES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Appears that there may be some weak connections and stress from pests

ROOT FLARE CONDITION: Ok

DRIP LINE RADIUS: 3 m or approx. 10 ft

TRANSPLANT FEASIBILITY NOTES: Possible given size, but slightly difficult given height and downward habit of branches. Due to some stress it may not survive transplant well.

OTHER NOTES & RECOMMENDATIONS: Town requires a 10 ft radius (approx. 3 m), it is recommended to modify the design and maintain 10 ft it would best to leave plant in place and work around it. Given lean, the majority of the drip line is away from construction work. This plant flowered within the last two years and is contributing to the seed bank.



Mealy or scale on the branches

SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 29

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 1 m x 1 m (POLE 2M) *of live portions

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: S VIGOR: Normal

FOLIAGE: Ok

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 2

MAX BRANCH DIAMETER: 50 cm

NUMBER OF DEAD BRANCHES: Main trunk is dead

MAJOR BRANCH FAILURES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 3

NUMBER OF PUPS: 2

MAX HEIGHT OF TALLEST PUP: 1 m

DECAY OR DAMAGE: Main trunk has snapped and died within the last 2-3 years as there are some signs of decay.

ROOT FLARE CONDITION: Ok

DRIP LINE RADIUS: 1 m or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Possible, but given the size of the dead mother branch, the root system may be larger than it appears for the live pups.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to leave plant in place and work around it.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 30

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 5 m x 3 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: S VIGOR: High

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 28

MAX BRANCH DIAMETER: 80 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 3

MAX HEIGHT OF TALLEST PUP: 2.1 m

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Ok

DRIP LINE RADIUS: 2 m or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Potentially feasible, but it is on the large side and will need framing to transport. Given high vigor and health, it could transplant ok.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to leave plant in place and work around it.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 31

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 85 cm 35 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: NA VIGOR: Normal

FOLIAGE: Ok, some yellow CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 35 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Ok

DRIP LINE RADIUS: 1/2 m or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to leave plant in place and work around it.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 32

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m x 4 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: S VIGOR: High

FOLIAGE: Good CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 25 +/-

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 3

MAJOR BRANCH FAILURES: 5

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Woodpecker holes in trunk

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2.5 m or approx. 8 ft

TRANSPLANT FEASIBILITY NOTES: Potentially feasible, but given size and especially width, it will be challenging to move. It would be ideal to leave the plant in place and work around it.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m) and it is best to modify the design to maintain this distance. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 33

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 80 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: NA VIGOR: Normal

FOLIAGE: Ok, some yellow CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 80 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Ok. There is a berm around the plant, it is possible that it was transplanted at some point in time.

DRIP LINE RADIUS: 1/2 m or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but if transplanted before, it is possible that it will not survive another transplant.

OTHER NOTES & RECOMMENDATIONS: Town requires a 10 ft radius (approx. 3 m), if possible to modify the design and maintain 10 ft it would best to leave plant in place. Construction work could get relatively close to this plant given size and previous transplant and not cause significant stress.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 34

STATUS (TRANSPLANT, DESTROY, PROTECT): **Destroy**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1 m x 60 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

NUMBER OF LIVE BRANCHES: 0

MAX BRANCH DIAMETER: NA

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 1

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Dead

ROOT FLARE CONDITION: Perhaps slightly buried.

DRIP LINE RADIUS: NA

TRANSPLANT FEASIBILITY NOTES: This plant has a berm around it. It is likely that it was transplanted at some point in time and died following transplant.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 35

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.5 m x 2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and south facing

FOLIAGE: Yellowing and dull with signs of stress

NUMBER OF LIVE BRANCHES: 6

NUMBER OF DEAD BRANCHES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but tallest branch may not survive. Pups could be transplanted.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Nolina paryii*

PLANT NUMBER: 36

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 2.8 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Very healthy

NUMBER OF HEADS: 10

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1.5 M or approx. 5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, transplant technique should be the same as Yucca species.

OTHER NOTES & RECOMMENDATIONS: Rodent digging at the base. Large flower stalk is probably from 2019-2020. This plant is contributing to the seed bank and there are a few more of the species up the hill to the west. If possible to modify the design and maintain at least 5-6 ft distance, it would best to leave plant in place and work around it.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 37

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.5 m x 2.25 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and west facing

LEAN: NA VIGOR: Normal

FOLIAGE: Ok

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 14

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 1

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 2

MAX HEIGHT OF TALLEST PUP: 2.1 m

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Ok. There is a berm around the plant, it is possible that it was transplanted at some point in time.

DRIP LINE RADIUS: 1 m or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but if transplanted before, it is possible that it will not survive another transplant.

OTHER NOTES & RECOMMENDATIONS: Town requires a 10 ft radius (approx. 3 m), if possible to modify the design and maintain 10 ft it would best to leave plant in place and work around it. Construction work could get relatively close to this plant given size and previous transplant and not cause significant stress.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 38

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant if necessary**

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 1 m x 1 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Bad condition

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 3

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but given poor condition, it may not transplant well.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 39

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 2 m x 2.1 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good

NUMBER OF LIVE BRANCHES: 6

NUMBER OF DEAD BRANCHES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but may need to break up into 2 clusters.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 40

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 1 m x 40 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and west facing

LEAN: NA VIGOR: Normal

FOLIAGE: Ok, little yellow CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 40 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Ok.

DRIP LINE RADIUS: 1/2 m or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to leave plant in place and work around it.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 41

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4.2 x 4.5 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: S VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 20 +/-

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 2

MAJOR BRANCH FAILURES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Woodpecker holes in trunk and branches

ROOT FLARE CONDITION: Ok.

DRIP LINE RADIUS: 3 m or approx. 10 ft

TRANSPLANT FEASIBILITY NOTES: Potentially feasible as this is a healthy plant, but given size it may be challenging to move.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to leave plant in place and work around it. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 42

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 60 cm x 80 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 43

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 5.5 m x 3 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: NA VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 17

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 1

MAJOR BRANCH FAILURES: 3

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Woodpecker holes and some past rodent damage

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2 m or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary, given height and trunk damage it is not recommended.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to leave plant in place and work around it.



Trunk damage and weakness

SPECIES: *Yucca schidigera*

PLANT NUMBER: 44

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 45 cm x 50 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Yellowing

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 45

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 6 m x 3 m approx. *Including dead portions (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: unknown

MAJOR BRANCH FAILURES: main trunk collapsed

DECAY OR DAMAGE: Main trunk collapsed, no green left on dead

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 1

SIZE OF PUP: 2.5 m x 1 m (notes below apply to the pup)

LEAN: NA VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

ROOT FLARE CONDITION OF PUP: Good

DRIP LINE RADIUS: 1 m or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary. Leave dead in place as habitat.

OTHER NOTES & RECOMMENDATIONS: It is possible given the size of the mother plant, that pup is relying on a much larger root system than it appears. Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to keep plant in place and work around it.



Main trunk completely uprooted

SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 46

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.4 m x 80 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: NA VIGOR: Normal

FOLIAGE: Great, long

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 80 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1/2 m or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary or recommended.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to keep plant in place and work around it.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 47

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 40 cm x 80 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Slightly dull and yellow

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 48

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 5 m x 3.8 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: S VIGOR: Normal

FOLIAGE: Good, yellowing CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 32

MAX BRANCH DIAMETER: 45 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Some minor trunk damage

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 3.8 m or approx. 12 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary nor recommended given size.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to modify design to keep plant in place and work around it. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 49

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m x 3 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: S VIGOR: High

FOLIAGE: Great, long

CROWN DENSITY: Dense

NUMBER OF LIVE BRANCHES: 30 +/-

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 10

MAX HEIGHT OF TALLEST PUP: 2.2 m

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2 m or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Not recommended due to the quantity of pups. Overall size is feasible, but it will be challenging to keep all the pups together.

OTHER NOTES & RECOMMENDATIONS: The tallest pup is right on the edge of the 1 m marker from the main trunk. It is possible that it is separate, but given the quantity of pups it is likely they are all connected and not possible from above ground to determine how they are linked. Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to modify design to keep plant in place and work around it. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 50

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.3 m x 80 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: NA VIGOR: Normal

FOLIAGE: Great

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 45 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 1

MAX HEIGHT OF TALLEST PUP: 20 cm

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1/2 m or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary or recommended.

OTHER NOTES & RECOMMENDATIONS: Adjacent to plant #49, but further than 1 meter away, this is likely a separate plant with it's own pup. Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to modify design to keep plant in place and work around it.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 51

STATUS (TRANSPLANT, DESTROY, PROTECT): Destroy *although outside of work area

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.5 m tall x unknown (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

NUMBER OF LIVE BRANCHES: 0

MAX BRANCH DIAMETER: NA

NUMBER OF DEAD BRANCHES: undetermined

MAJOR BRANCH FAILURES: undetermined

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 1

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Dead, heavily decayed, likely been dead for over 3 years

TRANSPLANT FEASIBILITY NOTES: None.

OTHER NOTES & RECOMMENDATIONS: As opposed to destroying this plant it would be best to leave in place as habitat and mulch.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 52

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 80 cm x 80 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Slightly dull and yellow

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 53

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 1.4 m x 1.5 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Great

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 3/4 M or approx. 2.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 54

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 2.25 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Great

NUMBER OF LIVE BRANCHES: 10

NUMBER OF DEAD BRANCHES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but would be ideal to leave the plant in place and work around it since it is at the edge of the work zone. May have to break into 2 clusters to move it.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 55

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.25 m x 4 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Great

NUMBER OF LIVE BRANCHES: 13

NUMBER OF DEAD BRANCHES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 2 M or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but given size it would be ideal to leave the plant in place and work around it since it is at the edge of the work zone.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 56

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Great

NUMBER OF LIVE BRANCHES: 4 (with double headed main trunk)

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary, protect in place.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 57

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 3 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Great, very healthy

NUMBER OF LIVE BRANCHES: 12 (with double headed main trunk)

NUMBER OF DEAD BRANCHES: 5

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1.5 M or approx. 5 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary. May need to be broken up into 2-3 clusters if moved.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 58

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 3.8 m x 2.2 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: S VIGOR: Normal

FOLIAGE: Great

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 8

MAX BRANCH DIAMETER: 72 cm

NUMBER OF DEAD BRANCHES: 4

MAJOR BRANCH FAILURES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Woodpecker holes in trunk

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1.5 m or approx. 5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible and will need framing to transplant. Maintain lean and cardinal direction when transplanting.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to modify design to keep plant in place and work around it. Given the size and direction of lean of this plant, construction work could get closer on the NW side and leave in place. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 59

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.4 m x 2.2 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: NA VIGOR: Normal

FOLIAGE: Great

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 4

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 1

MAX HEIGHT OF TALLEST PUP: 25 cm

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1 m or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if within the work zone.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to modify design to keep plant in place and work around it. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 60

STATUS (TRANSPLANT, DESTROY, PROTECT): **Protect in place**

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 6 m x 3.9 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and south facing

LEAN: SE VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 45 +/-

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 4

MAJOR BRANCH FAILURES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Woodpecker holes in trunk and past damage approx. 120 cm from base

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 3 m or approx. 10 ft

TRANSPLANT FEASIBILITY NOTES: May be too large and damaged to move, however it is recommended to leave the tree in place and work the road around the tree. If necessary, the dirt road could likely come within 3-4 ft of the trunk on one side due to the southern lean and the tree would likely survive. Pruning of the lowest branch is also an option if that would protect drivers / pedestrians and allow the tree to be preserved in place.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to modify design to maintain 10 ft and keep plant in place. If disturbing part of the root system, but the majority could remain undisturbed, it would be preferable to work around this tree as opposed to destroying or attempting transplant as this tree may be too large for a successful transplant. This plant flowered within the last two years and is contributing to the seed bank.



Significant trunk damage below lowest joint

SPECIES: *Yucca schidigera*

PLANT NUMBER: 61

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect if possible

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 110 cm x 110 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Great

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible if necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 62

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 90 cm x 100 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Great

NUMBER OF LIVE BRANCHES: 2

NUMBER OF DEAD BRANCHES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible if necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 63

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.8 m x 2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Great, very healthy

NUMBER OF LIVE BRANCHES: 4

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible if necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 64

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 2.1 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Great

NUMBER OF LIVE BRANCHES: 4

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible if necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 65

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 3 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Great color and growth

NUMBER OF LIVE BRANCHES: 11

NUMBER OF DEAD BRANCHES: 3

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1.5 M or approx. 5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible if necessary, but will likely need to break into 2-3 clusters to move with equipment.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 66

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 70 cm x 1 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Great color and growth

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 2-3; old and decayed

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 3

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*
 PLANT NUMBER: 67

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.8 m x 4 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Great color and growth

NUMBER OF LIVE BRANCHES: 14

NUMBER OF DEAD BRANCHES: 6

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 2 M or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, but will likely need to break into 2-3 clusters to move with equipment.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 68

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 1 m x 60 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

LEAN: NA VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None on live portion

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1 m or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible to transplant, however this live portion may be the pup of a larger plant given the decayed portions on the ground. It appears that they decayed branches are not recent as they are quite decayed. If it was a pup of a larger plant, the root system may be larger than it appears above ground.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to keep plant in place and work around it.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 69

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.8 m x 2.5 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good color, however some stress from mealy or scale

NUMBER OF LIVE BRANCHES: 5

NUMBER OF DEAD BRANCHES: 3

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 3

DRIP LINE RADIUS: 1.25 M or approx. 4 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, it may need to get broken up, however if possible to move all in one piece that is ideal.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 70

STATUS (TRANSPLANT, DESTROY, PROTECT): **Destroy**

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m tall x unknown wide (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 1

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Dead and very decayed

ROOT FLARE CONDITION: Cannot find the base of the plant. The options may be that the base has since decayed, this tree was located somewhere else on the site and it washed down the slope, or was dumped from another site. It is hard to determine origin given current circumstances.

TRANSPLANT FEASIBILITY NOTES:

OTHER NOTES & RECOMMENDATIONS: Recommended to move plant material to another location on site to be used as habitat or horizontal mulch if this location is to be graded.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 71

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant**

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 80 cm x 1.2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Slightly yellow

NUMBER OF LIVE BRANCHES: 2

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 72

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 80 cm x 1.6 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Poor color and some stress

NUMBER OF LIVE BRANCHES: 5

NUMBER OF DEAD BRANCHES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1.25 M or approx. 4 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 73

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 90 cm x 1.25 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good color, however some stress from mealy or scale

NUMBER OF LIVE BRANCHES: 5 and 2 pups in very poor condition

NUMBER OF DEAD BRANCHES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 3/4 M or approx. 2.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 74

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 90 cm x 2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good color, however some stress from mealy or scale

NUMBER OF LIVE BRANCHES: 6

NUMBER OF DEAD BRANCHES: 3

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, it may need to get broken up, however if possible to move all in one piece that is ideal.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 75

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 60 cm x 80 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Poor color and condition

NUMBER OF LIVE BRANCHES: 3

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary. Given poor health condition it may not survive transplant well.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*
PLANT NUMBER: 76

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 80 cm x 90 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Yellowing

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 4; old and decayed

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 3

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 77

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant if necessary**

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 90 cm x 1.8 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good color, however some stress from mealy or scale

NUMBER OF LIVE BRANCHES: 5

NUMBER OF DEAD BRANCHES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1.25 M or approx. 4 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, it may need to get broken up, however if possible to move all in one piece that is ideal.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 78

STATUS (TRANSPLANT, DESTROY, PROTECT): **Destroy**

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m tall x unknown wide (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 1

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Dead and very decayed

ROOT FLARE CONDITION: Cannot find the base of the plant. The options may be that the base has since decayed, this tree was located somewhere else on the site and it washed down the slope, or was dumped from another site. It is hard to determine origin given current circumstances.

TRANSPLANT FEASIBILITY NOTES:

OTHER NOTES & RECOMMENDATIONS: Recommended to move plant material to another location on site to be used as habitat or horizontal mulch if this location is to be graded.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 79

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant if necessary**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 3 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good color, however dull and some stress from mealy or scale; also some rodent damage

NUMBER OF LIVE BRANCHES: 6

NUMBER OF DEAD BRANCHES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1.5 M or approx. 5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, it may need to get broken up, however if possible to move all in one piece that is ideal.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 80

STATUS (TRANSPLANT, DESTROY, PROTECT): **Protect if possible or transplant**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 4 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Some yellowing

NUMBER OF LIVE BRANCHES: 11

NUMBER OF DEAD BRANCHES: 7

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 2 M or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, it may need to get broken up into 2-3 clusters.

OTHER NOTES & RECOMMENDATIONS: This is an old and relatively healthy plant. *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 81

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant if necessary**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 2.2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good

NUMBER OF LIVE BRANCHES: 6

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1.25 M or approx. 4 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, it may need to get broken up into 2-3 clusters.

OTHER NOTES & RECOMMENDATIONS: This is an old and relatively healthy plant. *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 82

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant if necessary**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good, some twisting of the leaves beyond normal habit, there may be some scale or mealy present

NUMBER OF LIVE BRANCHES: 2

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 83

STATUS (TRANSPLANT, DESTROY, PROTECT): Destroy * Although outside of work area

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.5 m tall x unknown width (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 1

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Dead and very decayed

ROOT FLARE CONDITION: Cannot find the base of the plant. The options may be that the base has since decayed, this tree was located somewhere else on the site and it washed down the slope, or was dumped from another site. It is hard to determine origin given current circumstances. There are relatively recent tire tracks adjacent to it.

TRANSPLANT FEASIBILITY NOTES:

OTHER NOTES & RECOMMENDATIONS: Recommended to move plant material to another location on site to be used as habitat or horizontal mulch if this location is to be graded.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 84

STATUS (TRANSPLANT, DESTROY, PROTECT): **Transplant if necessary**

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.8 m x 2.5 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good

NUMBER OF LIVE BRANCHES: 8

NUMBER OF DEAD BRANCHES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1.25 M or approx. 4 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, may need to break up into 2-3 clusters to move.

OTHER NOTES & RECOMMENDATIONS: This is an old and relatively healthy plant. *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 85

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good

NUMBER OF LIVE BRANCHES: 2

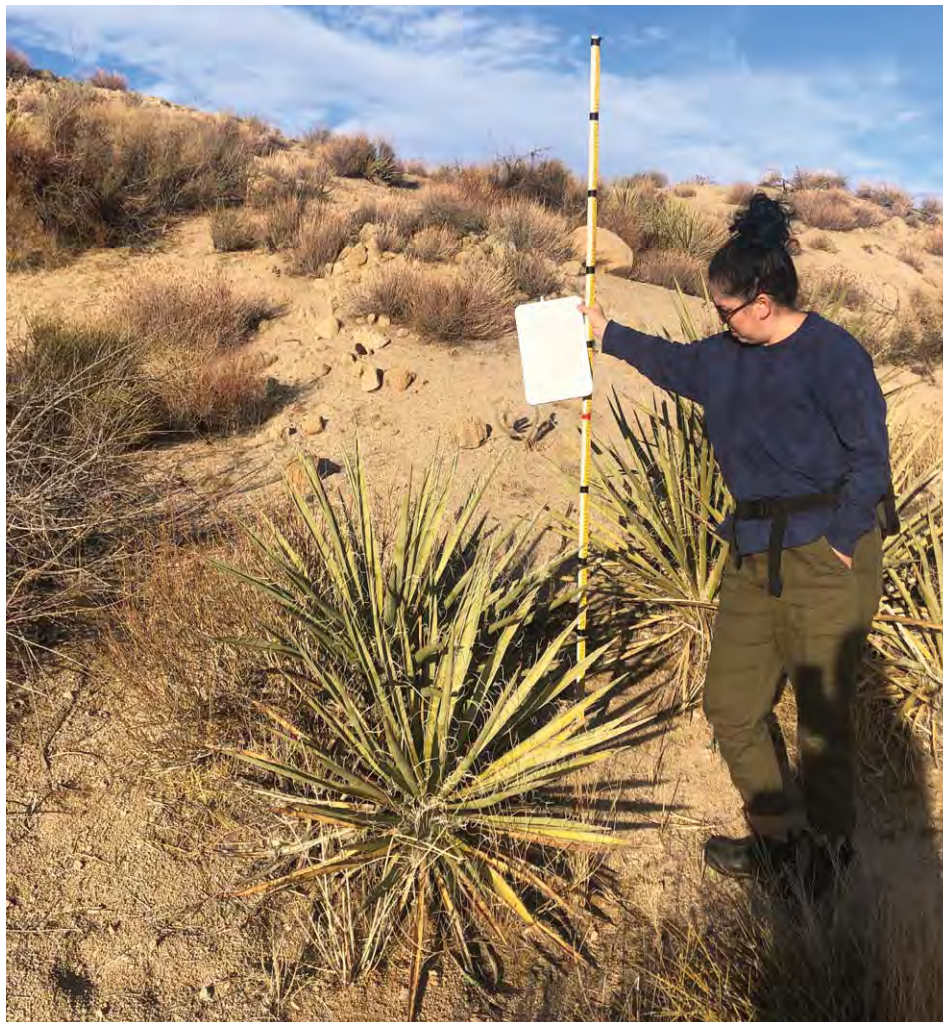
NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, should be able to move in one group.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 86

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 2.2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good, some yellowing

NUMBER OF LIVE BRANCHES: 6

NUMBER OF DEAD BRANCHES: 3

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1.25 M or approx. 4 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but may need to break up into 2 clusters to move.

OTHER NOTES & RECOMMENDATIONS: This is an old and relatively healthy plant. *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 87

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 1 m x 1.5 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Ok, some stress due to buried root flare and potential damage resulting from vehicular activity and erosion

NUMBER OF LIVE BRANCHES: 3

NUMBER OF DEAD BRANCHES: hard to tell, possibly 1-2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 3/4 M or approx. 2.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, should be able to transplant, and with care the plant can recover

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 88

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 40 cm x 40 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Ok, yellowing and some stress from past vehicular activity

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/4 m or approx. 1 ft

TRANSPLANT FEASIBILITY NOTES: Feasible.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 89

STATUS (TRANSPLANT, DESTROY, PROTECT): Destroy *Although outside of work area

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m tall x unknown width (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 1

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Dead and very decayed, no thatch or leaves present

ROOT FLARE CONDITION: Cannot find the base of the plant. The options may be that the base has since decayed, this tree was located somewhere else on the site and it washed down the slope, or was dumped from another site. It is hard to determine origin given current circumstances.

TRANSPLANT FEASIBILITY NOTES:

OTHER NOTES & RECOMMENDATIONS: Recommended to move plant material to another location on site to be used as habitat or horizontal mulch if this location is to be graded.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 90

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 1.6 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good

NUMBER OF LIVE BRANCHES: 5

NUMBER OF DEAD BRANCHES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 3/4 M or approx. 2.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 91

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 90 cm x 1 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Some yellowing

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 1-3

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 3

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 92

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.7 m x 2.1 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southwest facing

FOLIAGE: Good

NUMBER OF LIVE BRANCHES: 4

NUMBER OF DEAD BRANCHES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary. Falls just outside of the white marked stake.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 93

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.8 x 2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good; with large flower stalk and some yellowing; leaves are thick

NUMBER OF LIVE BRANCHES: 3 (one double headed branch)

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 94

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 50 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: NA VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 50 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1/2 m or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary to move. If possible to conduct work around it that would be ideal since it is at the edge of the work zone.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft radius (approx. 3 m). Best to keep plant in place and work around it.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 95

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.1 m x 2.5 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: S VIGOR: Normal

FOLIAGE: Great

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 9

MAX BRANCH DIAMETER: 50 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 5

MAX HEIGHT OF TALLEST PUP: 180 cm

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2 m or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary to move, however with 5 pups and the lean on the main plant and the tallest pup, it will be difficult to keep the plant together. If possible to conduct work around it that would be ideal. Given large dead branch to the south, it is likely that all these currently alive are pups of that previous trunk and that the tallest one has become the new main leader.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. If possible to protect in place that would be preferred. Town requires a 10 ft radius (approx. 3 m).



SPECIES: *Yucca schidigera*

PLANT NUMBER: 96

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.2 m x 1.2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good; slight yellowing

NUMBER OF LIVE BRANCHES: 2

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 3/4 M or approx. 2.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 97

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.2 m x 1.4 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Great and good color

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 3/4 M or approx. 2.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 98

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.25 m x 1.6 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good; with some yellowing at base

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 3/4 M or approx. 2.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 99

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 6 m x 4 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: SW VIGOR: Normal

FOLIAGE: Great

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 40 +/-

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 1

MAX HEIGHT OF TALLEST PUP: 60 cm

DECAY OR DAMAGE: Some signs of old rodent and woodpecker activity on the trunk.

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 4 m or approx. 13 ft

TRANSPLANT FEASIBILITY NOTES: Not feasible nor recommended given the height and age of this tree. This is a very old plant and in great condition for it's size.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to keep plant in place and work around it. This tree benefits from the run off adjacent to the base of the slight hill. It would be best for the preservation of this cluster of trees (99-101) that the overall site run off not be modified significantly. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 100

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 3.8 m x 2.5 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: S VIGOR: Normal

FOLIAGE: Great

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 6

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 1

MAX HEIGHT OF TALLEST PUP: 100 cm

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2.5 m or approx. 8 ft

TRANSPLANT FEASIBILITY NOTES: Not feasible nor recommended given the height and adjacency large tree (#99). This plant (#100) is more than 1 meter away from #99, but is within the drip line and the branches of the two trees touch each other. It's possible that they support each other.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to keep plant in place and work around it. This tree benefits from the run off adjacent to the base of the slight hill.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 101

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4.1 m x 2.2 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: W VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 18

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Some thatch missing on the trunk, likely due to age or past rodent activity.

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2 m or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Possible to transplant, but given height and size of this tree, it will be difficult to move and require framing to transport and staking and guying to support following transplant.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to modify design to maintain 10 ft of distance and keep plant in place. Since this plant is quite mature and at the edge of the work zone, it would be preferred to preserve it in place. This tree benefits from the run off adjacent to the base of the slight hill. This plant flowered prolifically within the last two years and is contributing to the seed bank.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 102

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.8 m x 2.5 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good; leaves are thick

NUMBER OF LIVE BRANCHES: 6

NUMBER OF DEAD BRANCHES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1.5 M or approx. 5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, may need to break up into 2 clusters to move.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 103

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 x 2.3 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good; with large flower stalk and some yellowing; leaves are thick

NUMBER OF LIVE BRANCHES: 16

NUMBER OF DEAD BRANCHES: 0, although hard to see into the middle of the plant

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1.2 M or approx. 4 ft

TRANSPLANT FEASIBILITY NOTES: This plant has many heads, it's possible to move, but will likely need to be broken up and may be difficult. Divisions to be determined in the field.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 104

STATUS (TRANSPLANT, DESTROY, PROTECT): Destroy *Although outside of work area

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m tall x unknown width (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 1

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Dead and very decayed, no thatch or leaves present

ROOT FLARE CONDITION: Cannot find the base of the plant. The options may be that the base has since decayed, this tree was located somewhere else on the site and it washed down the slope, or was dumped from another site. It is hard to determine origin given current circumstances.

TRANSPLANT FEASIBILITY NOTES: Recommended to move plant material to another location on site to be used as habitat or horizontal mulch if this location is to be graded.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 105

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 60 cm x 80 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good; some yellowing

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0, although hard to see into the middle of the plant

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 106

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m x 12 m (POLE 2M - red tape @ 1m)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: SW VIGOR: High

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 40 +/-

MAX BRANCH DIAMETER: 50 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 15

MAX HEIGHT OF TALLEST PUP: 3.8 m

DECAY OR DAMAGE: No significant damage. Growth habit on this plant is very wide and horizontal.

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 6 m or approx. 20 ft

TRANSPLANT FEASIBILITY NOTES: Transplant is not recommended given the width, number of pups, and growth habit of this tree. It would be very difficult to frame and excavate this tree without many of the branches and pups breaking off. There are quite a few pups, many of which fall near 1 meter, it's possible that a few are separate trees, yet given the growth habit and density, it is likely that all of these pups are connected to the mother plant. It is difficult to determine the mother plant, it could be the tallest central branch or it could be the branch with longest and thickest trunk that happens to be almost touching the ground and this determination may affect how the pups are separated.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Modify the design to maintain distance from this tree. This plant flowered within the last two years and is contributing to the seed bank.



Pups appear to be within 1 m, there are several that are right on the edge of 1 meter

SPECIES: *Yucca schidigera*

PLANT NUMBER: 107

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.8 m x 2.25 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good; with large flower stalk and some yellowing; leaves are thick

NUMBER OF LIVE BRANCHES: 9

NUMBER OF DEAD BRANCHES: 1

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1.2 M or approx. 4 ft

TRANSPLANT FEASIBILITY NOTES: It may be necessary to split the plant into 2 clusters, ideally move it as one plant if possible.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 108

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 80 cm x 1 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good, some yellowing at base

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible to move.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 109

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 2.5 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good color and length of leaves

NUMBER OF LIVE BRANCHES: 11 (1 with double head)

NUMBER OF DEAD BRANCHES: 4-5, some quite old and decaying

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1.2 M or approx. 4 ft

TRANSPLANT FEASIBILITY NOTES: Possible to move, but may be difficult to keep the plant in one cluster, may need to get broken up.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*
 PLANT NUMBER: 110

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 2.25 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good; some yellowing

NUMBER OF LIVE BRANCHES: 5

NUMBER OF DEAD BRANCHES: 3

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1.2 M or approx. 4 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, although not necessary. Best to leave in place and with the cholla.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 111

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B (of live portion)

SIZE (HEIGHT X WIDTH): 3.5 m x unknown (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: NA VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 3

MAX BRANCH DIAMETER: 50 cm

NUMBER OF DEAD BRANCHES: Hard to determine due decay

MAJOR BRANCH FAILURES: Main trunk has failed, this break was likely not recent due to the amount of decay.

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 3

NUMBER OF PUPS: 1

MAX HEIGHT OF TALLEST PUP: 1.3 m

DECAY OR DAMAGE: Living pup is in great condition

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 3 m or approx. 10 ft (based off of mother plant)

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary. Given how large the mother plant may have been, the root system that this pup relies on may be larger than it appears.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Town requires a 10 ft (approx 3 m) radius. Best to keep plant in place and work around it. Leave dead portion on the ground as mulch and habitat.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 112

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good; some yellowing

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not recommended given how close it is to the adjacent *Yucca brevifolia* ssp. *brevifolia*.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 113

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.8 m x 2.2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good; some yellowing

NUMBER OF LIVE BRANCHES: 14

NUMBER OF DEAD BRANCHES: 7

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, although not necessary. Given how many dead branches are in the center, this plant will likely not move as one cluster.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 114

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.5 m x 2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good; some twisting of branches and some scale present

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but may not be necessary. Given stress resulting from pests, it may be best to leave the plant in place as it might not transplant well.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 115

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.2 m x 45 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: NA VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 45 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1/2 m or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to keep plant in place and work around it. Town requires a 10 ft radius around Joshua Trees.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 116

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4.5 m x 2 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: SW VIGOR: Normal

FOLIAGE: Some stress

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 8

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 1

MAX HEIGHT OF TALLEST PUP: 40 cm

DECAY OR DAMAGE: Woodpecker holes and some missing thatch on trunk; this is an old plant given the height and signs of stress are typical of age

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2 m or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Not necessary nor recommended due to height

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to keep plant in place and work around it. Town requires a 10 ft radius (approx. 3 m) and it is best to modify the design to maintain distance from this tree. This plant flowered within the last two years and is contributing to the seed bank.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 117

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 1.8 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good; some yellowing

NUMBER OF LIVE BRANCHES: 2

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, although not necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 118

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.6 m x 30 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: NA VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 30 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1 m or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but not necessary

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to keep plant in place and work around it. Town requires a 10 ft radius (approx. 3 m).



SPECIES: *Yucca schidigera*

PLANT NUMBER: 119

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 1 m x 1 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good; some yellowing

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, although not necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*
PLANT NUMBER: 120

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 60 cm x 80 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good; some yellowing

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, although not necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 121

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 3.8 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good; some yellowing; lots of flower stalks

NUMBER OF LIVE BRANCHES: 30 +/-

NUMBER OF DEAD BRANCHES: 5

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 2 M or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, although since this is a very large cluster, it may need to get broken up in to smaller clusters to move. This will need to be determined in the field.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 122

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 85 cm x 85 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good; some yellowing

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 123

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.4 m x 1.7 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and east facing

LEAN: NA VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 3

MAX BRANCH DIAMETER: 30 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 3

MAX HEIGHT OF TALLEST PUP: 60 cm

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1.5 m or approx. 5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible to transplant given size, however it will be challenging to excavate without the further pup breaking off. Given how many pups #124 has, it's not impossible that this is a pup of that plant, however it is more than 1 meter away from the tallest trunk and could easily have been seed propagated.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to modify the design to keep plant in place and work around it if possible. Town requires a 10 ft radius (approx. 3 m).



Pups are within 1 m; red tape is at 1 meter.

SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 124

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m x 2.25 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: SE VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 13

MAX BRANCH DIAMETER: 30 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 3

MAX HEIGHT OF TALLEST PUP: 120 cm

DECAY OR DAMAGE: Some thatch missing on the trunk

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2.25 m or approx. 7 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but given height it will be difficult to move and require framing. It also may be challenging to excavate without the pups' connecting root systems breaking. It's not impossible that this plant is connected to #125, with the tallest branch of #124 being the mother plant, however given the growth pattern of #125, it is identified as an individual. Nonetheless carefully separating these root systems given how close they are together may be a significant challenge.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to modify design to keep plant in place and work around it if possible. Town requires a 10 ft radius (approx. 3 m).



Pups to the right are within 1 m; red tape is at 1 meter. The tallest plant to the left is close to 1 meter, but given the total number of pups on the other side of it, this plant has been separated out to #125.

SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 125

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2.2 m x 2 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: NA VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 10

MAX BRANCH DIAMETER: 30 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 7

MAX HEIGHT OF TALLEST PUP: 150 cm

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2 m or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but it may be challenging to excavate without the pups' connecting root systems breaking. It's not impossible that this plant is connected to #124, however given the growth pattern of #125, it is identified as an individual. Nonetheless separating these root systems given how close they are together may be a challenge.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to modify the design to keep plant in place and work around it if possible. Town requires a 10 ft radius (approx. 3 m). This plant flowered within the last two years and is contributing to the seed bank.



Pups to the right are within 1 m; red tape is at 1 meter. #125 is right on the edge of 1m from #124 however, given how the pups are growing, #125 has been identified as an individual.

SPECIES: *Yucca schidigera*

PLANT NUMBER: 126

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: A

SIZE (HEIGHT X WIDTH): 60 cm x 85 cm (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

FOLIAGE: Good

NUMBER OF LIVE BRANCHES: 1

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1/2 M or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but would be best to transplant with #123 and not to separate or divide the plants as damage to the root systems may be significant.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 127

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.2 m x 1.6 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good; some yellowing

NUMBER OF LIVE BRANCHES: 7

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, can likely move in one cluster.

OTHER NOTES & RECOMMENDATIONS:



SPECIES: *Yucca schidigera*

PLANT NUMBER: 128

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 1.8 m x 2 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good; some yellowing

NUMBER OF LIVE BRANCHES: 5

NUMBER OF DEAD BRANCHES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 1 M or approx. 3.25 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, if necessary, can likely move in one cluster.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca schidigera*

PLANT NUMBER: 129

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 2 m x 4 m (POLE 2M - red tape @ 1M)

SITE CONDITIONS & ASPECT: Sandy and east facing

FOLIAGE: Good; some yellowing; lots of flower stalks

NUMBER OF LIVE BRANCHES: 6 (1-2 trunks with double heads)

NUMBER OF DEAD BRANCHES: 5

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

DRIP LINE RADIUS: 2 M or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, although since this is a large cluster, it may need to get broken up in to smaller clusters to move. This will need to be determined in the field.

OTHER NOTES & RECOMMENDATIONS: *Yucca schidigera* are often clonal systems and the mother plant is often hard to distinguish from the pups within the system. The species is more adaptable to transplanting and separation of individual heads may be more possible and will depend on the individual plant and the way in which it branches.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 130

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4.5 m x 2.8 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: S VIGOR: Normal

FOLIAGE: Ok, short

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 13

MAX BRANCH DIAMETER: 30 cm

NUMBER OF DEAD BRANCHES: 2

MAJOR BRANCH FAILURES: 2

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 4

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: Some trunk damage and missing thatch likely due to age or past rodent activity

ROOT FLARE CONDITION: Some erosion around the root flare

DRIP LINE RADIUS: 2.8 m or approx. 9 ft

TRANSPLANT FEASIBILITY NOTES: Not recommended due to height of tree. This tree should fall outside of work zone, but is shown on surveyors map and thus included in the census.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to modify the design to keep plant in place and work around it if possible. Town requires a 10 ft radius (approx. 3 m).



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 131

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m tall x unknown width (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

NUMBER OF DEAD BRANCHES: 40 +/-

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 1

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

ROOT FLARE CONDITION: Good

TRANSPLANT FEASIBILITY NOTES: Best to leave in place as mulch unless it is a hazard and should be moved to another location out of the way. No live pups, but this appears to be a recent death within the last year or two. There are no green leaves.

OTHER NOTES & RECOMMENDATIONS: This tree should fall outside of work zone, but is shown on surveyors map and thus included in the census.



SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 132

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: B

SIZE (HEIGHT X WIDTH): 3.8 m x 2.4 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: NA VIGOR: High

FOLIAGE: Good

CROWN DENSITY: Dense

NUMBER OF LIVE BRANCHES: 22

MAX BRANCH DIAMETER: 30 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 8

MAX HEIGHT OF TALLEST PUP: 210 cm

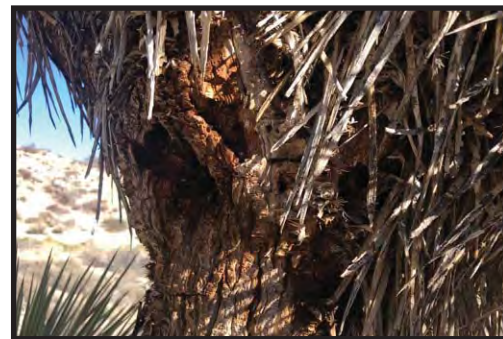
DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2 m or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but given height and quantity of pups, it may be challenging to excavate without the pups' connecting root systems breaking.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to modify the design to keep plant in place and work around it if possible. Town requires a 10 ft radius (approx. 3 m). This tree should fall outside of work zone, but is shown on surveyors map and thus included in the census. This plant flowered within the last two years and is contributing to the seed bank.



1. There are 2-3 pups right on the edge of 1 meter, given how many pups there are, it is more likely they are all connected than separate individuals.
2. Trunk damage below main joint.

SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 133

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 1.7 m x 65 cm (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: NA VIGOR: Normal

FOLIAGE: Ok

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 1

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 0

MAX HEIGHT OF TALLEST PUP: NA

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 1/2 m or approx. 1.6 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but given how close this plant is to #3 it may be challenging to move without damaging the root systems. It's not impossible that this plant is connected to #3 given how vigorous the mother plant of #3 has been growing.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to keep plant in place and work around it if possible. Town requires a 10 ft radius (approx. 3 m).



This plant is more than 1 meter away from #3 and is identified as an individual.

SPECIES: *Yucca brevifolia* ssp. *brevifolia*

PLANT NUMBER: 134

STATUS (TRANSPLANT, DESTROY, PROTECT): Protect in place

CLASS SIZE: C

SIZE (HEIGHT X WIDTH): 4 m x 3 m (POLE 2M)

SITE CONDITIONS & ASPECT: Sandy and southeast facing

LEAN: S VIGOR: Normal

FOLIAGE: Good

CROWN DENSITY: Normal

NUMBER OF LIVE BRANCHES: 20 +/-

MAX BRANCH DIAMETER: 60 cm

NUMBER OF DEAD BRANCHES: 0

MAJOR BRANCH FAILURES: 0

HEALTH CONDITION (0=dormant, 1= dead, 2=25% alive, 3=50% alive, 4=75% alive, 5=100% alive): 5

NUMBER OF PUPS: 5

MAX HEIGHT OF TALLEST PUP: 80 cm

DECAY OR DAMAGE: None

ROOT FLARE CONDITION: Good

DRIP LINE RADIUS: 2 m or approx. 6.5 ft

TRANSPLANT FEASIBILITY NOTES: Feasible, but given height and quantity of pups it is not recommended. This plant is at the edge of the work zone and doesn't need to be relocated.

OTHER NOTES & RECOMMENDATIONS: Keep all work off the drip line radius. Best to modify the design to keep plant in place and work around it if possible. Town requires a 10 ft radius (approx. 3 m).



Several spread out pups, some may be just past 1 meter, but given quantity it is likely they are all connected.

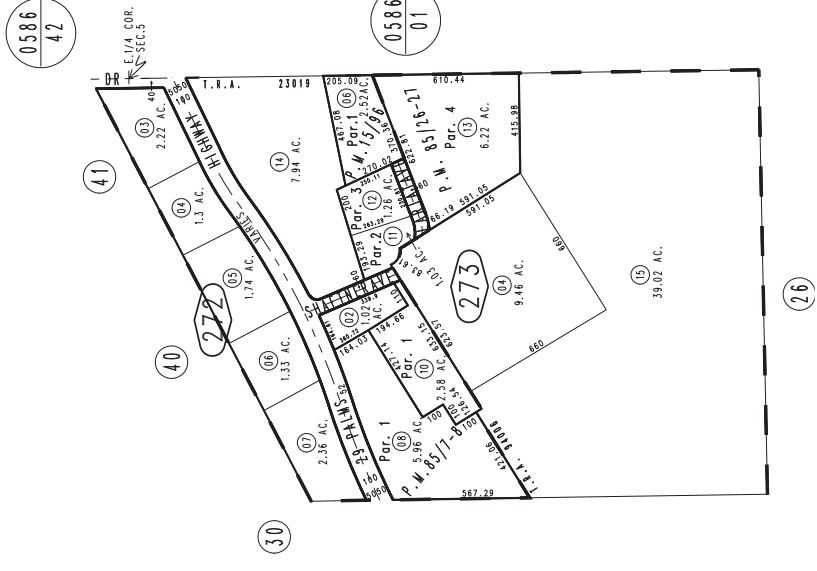
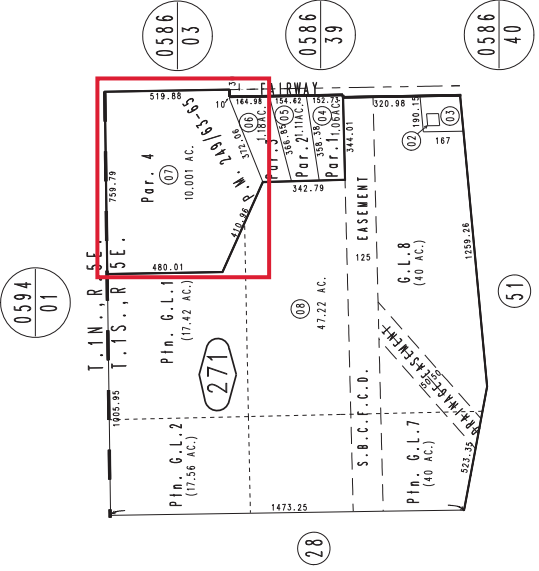
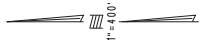
THIS MAP IS FOR THE PURPOSE OF AD VALOREM TAXATION ONLY.



E.1/3 Fractional Sec.5, T.1S.,R.5E., S.B.B.&M.

Town of Yucca Valley 0585-27
 Morongo Unified
 Tax Rate Area
 23019,94006

7.b



Parcel Map No. 19685, P.M. 249/63-65
 Parcel Map No. 7849, P.M. 85/26-27
 Parcel Map No. 5737, P.M. 78/8-9 - Amending Map, P.M. 85/7-8
 Parcel Map No. 1733, P.M. 15/96

Assessor's Map
 Book 0585 Page 27
 San Bernardino County

REVISED
 01/25/18 RU
 Attachment: WJT 011-22, NPP 087-22 7340 Fairway Drive (4173 - Western Joshua Tree (WJT) Permit 011-22, Native Plant Permit (NPP) 087-22
 Packet Pg. 462

March 2005

9.60.010

9.60.020

CHAPTER 9.60

PERMIT PROCEDURES; GENERAL PROVISIONS

SECTION:

- 9.60.010: Purpose
 9.60.020: Types Of Procedures
 9.60.030: Review Authority For Land Use And Zoning Decisions
 9.60.040: Referral To Next Higher Review Authority

9.60.010: **PURPOSE:** This chapter establishes the procedures to process land use entitlements and development proposals in any land use zoning district. (Ord. 243, 10-15-2013)

9.60.020: **TYPES OF PROCEDURES:**

A. This development code utilizes the following three (3) basic procedures to review all types of applications:

1. Public Hearing:

a. Formal Open Forum For Public Review: Public hearing procedures are distinguished by a formal open forum for public review of a proposal. During the course of the public hearing, the applicable review authority invites public testimony for and against the land use proposal, reviews evidence and then renders its decision in compliance with chapter 9.85, "Public Notices And Hearings", of this title. A public hearing may be conducted before the council, the commission, or the director.

b. Review Evidence And State Relative Positions: Public hearing procedures shall be used to give all interested parties an opportunity to review the evidence and to state their relative positions in a common public forum before the applicable review authority.

9.60.020

9.60.030

2. Staff Review With Notice:

a. Based Upon Specific Findings Or Conditions: Staff review with notice procedures are distinguished by land use decisions that are based upon specific findings or conditions that limit the discretion of the applicable review authority.

b. Rendering Of A Decision With Notice: Staff review with notice procedures shall provide written or published notice given to affected and interested parties followed by a decision by the applicable review authority. The notice shall be designed to ensure that all interested parties are aware of the pending decision and are given a chance to comment before the review authority renders its decision.

Such notice will be given at least fifteen (15) days prior to the scheduled hearing date. If no response has been received by the town five (5) days prior to the scheduled hearing date and the applicant has no objections to the conditions of approval, the community development director may elect not to hold a formal hearing.

3. Staff Review Without Notice:

a. Decisions Based Upon Adopted Standards: Staff review without notice procedures are distinguished by land use decisions made by the applicable review authority based upon standards that have been adopted by the town as law or as policy.

b. Rendering Of A Decision Without Notice: Staff review without notice procedures shall be used when sufficient standards have been adopted by the commission or the council to allow the applicable review authority to render a decision without giving notice to surrounding property owners and other parties. (Ord. 243, 10-15-2013)

9.60.030: REVIEW AUTHORITY FOR LAND USE AND ZONING DECISIONS:

- A. Table 4.1: Table 4.1, "Review Authority", of this section identifies the town official or authority responsible for reviewing and making initial decisions on each type of application or land use entitlement required by this development code, the nature of the initial decision (i.e., decision or recommend), and the nature of the response of the subsequent review authority.

9.60.030

9.60.030

- B. Concurrent Processing: Multiple applications for the same project shall be processed concurrently, and shall be reviewed, and approved or disapproved by the highest review authority designated by this development code for any of the required applications (e.g., a project with applications for both a zoning map amendment and a conditional use permit shall have both applications decided by the council, instead of the commission acting on the conditional use permit as otherwise provided by table 4.1, "Review Authority", of this section).

TABLE 4.1
REVIEW AUTHORITY

Type Of Entitlement Or Decision	Applicable Code Section	Director ^{1,2}	Planning Commission ³	Town Council ⁴
Amendments to development code or zone change	Ch. 9.62	Recommend ⁵	Recommend	Decision
Conditional use permits	Ch. 9.63	Recommend	Decision	Appeal ⁵
Development agreements and amendments	Ch. 9.64	Recommend	Recommend	Decision
General plan amendments	Ch. 9.65	Recommend	Recommend	Decision
Home occupation permits	Ch. 9.50	Decision	Appeal	Appeal
Interpretations	Sec. 9.02.010	Decision	Appeal	Appeal
Land use compliance review	Ch. 9.66	Decision	Appeal	Appeal
Minor revisions to approved actions	Varies	Decision	Appeal	Appeal
Native plant permits	Ch. 9.77	Decision	Appeal	Appeal
Planned development permits	Ch. 9.67	Recommend	Recommend	Decision
Sign permits	Ch. 9.76	Decision	Appeal	Appeal
Site plan and design review	Ch. 9.68	Recommend	Decision	Appeal
Special use permits	Ch. 9.69	Decision	Appeal	Appeal
Specific plans and amendments	Ch. 9.70	Recommend	Recommend	Decision
Temporary special event permits	Ch. 9.71	Decision	Appeal	Appeal

9.60.030

9.60.040

Type Of Entitlement Or Decision	Applicable Code Section	Director ^{1,2}	Planning Commission ³	Town Council ⁴
Temporary use permits	Ch. 9.72	Decision	Appeal	Appeal
Variances	Ch. 9.73	Recommend	Decision	Appeal

Notes:

1. The director may defer action and refer any permit or approval application to the commission for final determination.
2. All decisions of the director are appealable to commission, and then to the council, in compliance with chapter 9.81, "Appeals", of this title.
3. The commission may refer consideration of an appeal to the council.
4. All decisions of the council are final.
5. "Recommend" means that the review authority makes a recommendation to a higher review authority; "appeal" means that the review authority may consider and decide upon appeals to the decision of an earlier review authority, in compliance with chapter 9.81, "Appeals", of this title.

(Ord. 243, 10-15-2013)

9.60.040: REFERRAL TO NEXT HIGHER REVIEW AUTHORITY:

- A. A review authority may refer any application to the next succeeding review authority, based upon the following criteria:
1. Impact upon public services and facilities greater than typical for the type of project proposed;
 2. Impact upon surrounding properties greater than typical for the type of project proposed;
 3. Floor or site square footage greater than typically found in the type of project;
 4. Intensity of use greater than typically found in the type of projects;
 5. Operating characteristics not typical of the type of project proposed;
 6. Other factors including, but not limited to, public opposition to development of the project;
 7. The need for town interpretation of the general plan and/or development code as related to the project. (Ord. 243, 10-15-2013)