

LEGEND

-  Rezoning Site
-  Watershed Boundary
-  Flow Centerline
-  Concentration Point (CP)

WATERSHED SUMMARY TABLE

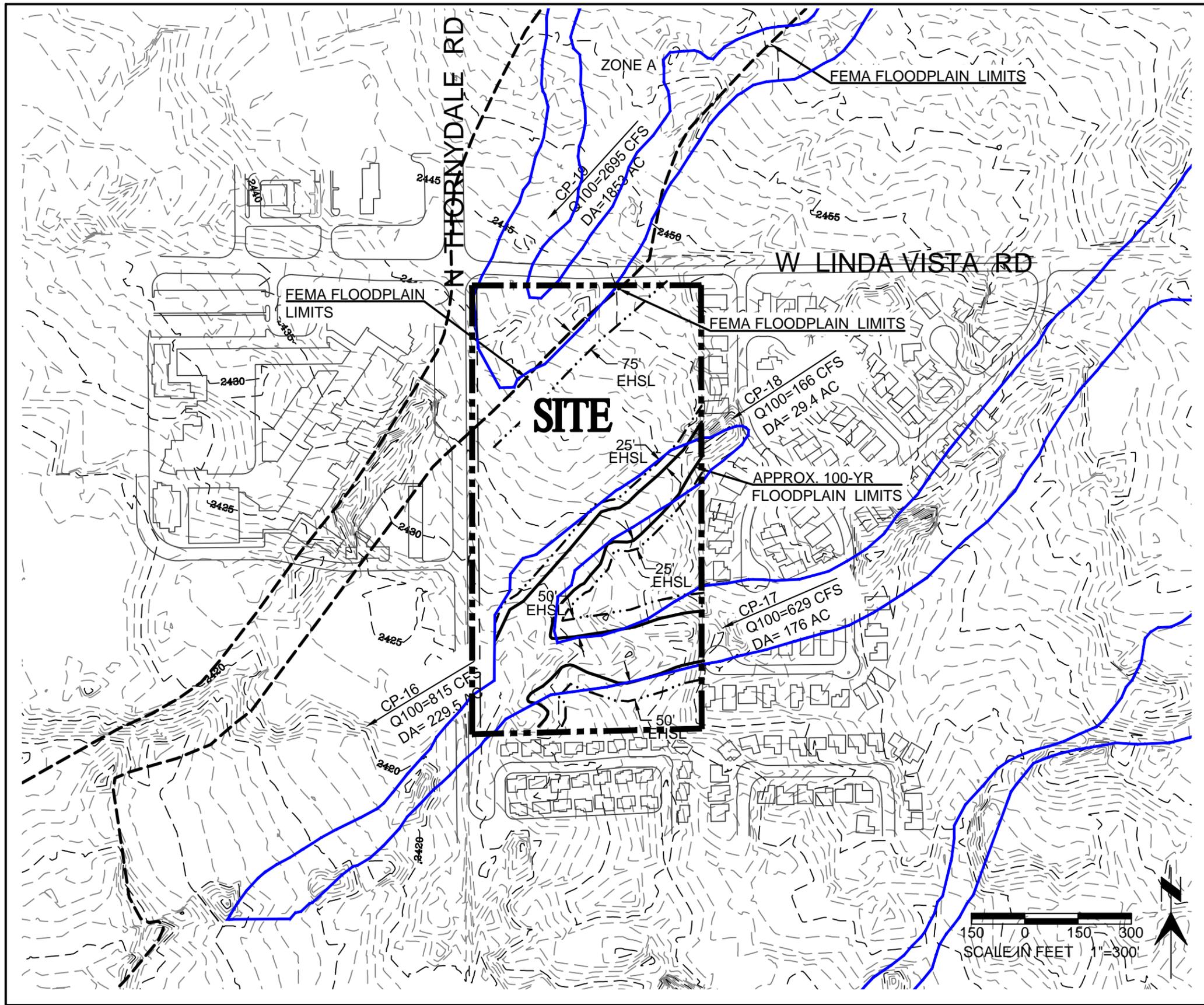
CONCENTRATION POINT ID	Q100 (CFS)	DA (AC)
16 (incl. CP-17, 18)	815	229.5
17	629	176.0
18	166	29.4
19	2695	1853.0

Jim Portner, Agent for Owner
PROJECTS INTERNATIONAL, INC.
 10836 E. ARMADA LANE
 TUCSON, ARIZONA 85749
 520 850-0917

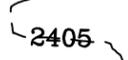
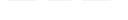


Red Point Development, Inc.
 SEC LINDA VISTA BLVD & THORNYDALE ROAD
 (Ownership Entity: Lawrence C. Leung, Inc.)
 REZONING: SR to CR-5

EXHIBIT I-C.1
 OFFSITE HYDROLOGY



LEGEND

-  Rezoning Site
-  Existing Condition Topographic Contour (1' Interval)
-  Erosion Hazard Setback Limit
-  Approximate 100-Year Floodplain Limit
-  FEMA Floodplain Limit
-  Mapped Riparian Habitat-- Important Riparian Areas (CLS-IRA) with underlying Xeroriparian "C"

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D. BIOLOGICAL RESOURCES

1. Conservation Lands System

The entire site falls within the Maeveen Marie Behan Conservation Lands System (MMBCLS). The site contains approximately 5.9 acres of land classified as CLS *Important Riparian Area* (with underlying Xeroriparian Class “C” habitat). The balance of the site (approximately 12.1 acres, prior to any right-of-way dedications) is classified as CLS *Multiple Use Management Area (MUMA)* and *Special Species Management Area (SSMA)*. Exhibit I-D.1.2 shows the limits of these areas within the property.

2. Critical Landscape Linkages

There are no Critical Landscape Linkages on or near this property.

3. Pima Pineapple Cactus

No portion of the site is designated as Priority Conservation Area (PCA) for the Pima Pineapple cactus.

4. Needle-Spined Pineapple Cactus

No portion of the site is designated as Priority Conservation Area (PCA) for the needle-spined pineapple cactus.

5. Cactus Ferruginous Pygmy Owl/Western Burrowing Owl

a. Cactus Ferruginous Pygmy Owl

The entire site is designated as part of Priority Conservation Area (PCA) #1 for the Cactus Ferruginous Pygmy Owl.

b. Western Burrowing Owl

No portion of the site is designated as Priority Conservation Area (PCA) for the Western Burrowing Owl.

6. Arizona Game & Fish Special-Status Species

An HDMS report from the Arizona Department of Game & Fish has been obtained for the subject property and is included in Appendix A of this Site Analysis. Seven (7) *Special Status Species* are listed in this report.

7. Saguaro and Ironwood Inventory

Saguaro Cactus (*Carnegia gigantea*) and Ironwood trees (*Olneya tesota*) have been field surveyed and mapped on the subject rezoning site (See Exhibit I-D.3). A total of eighty-four (84) Ironwoods were found on the property. A total of one hundred ten (110) saguaros were found. Fifty-nine (59) of these saguaros are six feet (6') tall or less, forty-six (46) are more than six feet tall up to eighteen feet (18') tall, and five (5) are greater than eighteen feet (18') tall.

8. Open Space Acquisition Status

The property is currently eligible for acquisition under the 2004 Conservation Bond Program. The property is also designated on the 2015 Proposed Conservation Bond Program as a *High Priority Habitat Conservation Parcel*. No acquisition efforts are currently underway by Pima County.

9. Vegetation of Note for Scenic Value, Buffering, etc.

There are areas on the site with vegetation of generally good quality and aesthetic value; these areas are mapped on Exhibit I.D.3. Substantial portions of the property have been devoted (on the proposed PDP) to set-asides for screening and buffering the neighboring properties.

10. On-Site Vegetative Communities

Vegetation on the property is in generally good condition, with some minor destructive impacts attributable to incoming drainage from the upstream subdivision directly to the east. The following two (2) vegetative zones have been mapped on the subject site (see Exhibit I-D.3,7-10).

Zone I: Riparian Vegetation – 3.1 Acres (approximately 17% of the Site)

This zone represents the most densely vegetated portion of the site. More than 97% of Zone I is located within the CLS *Important Riparian Area*. This vegetation is in generally good condition, with the exception of excessive erosion caused by upstream drainage entering the site. Much of the specimens are of large size for their particular species. The predominant species within this Zone are:

- Foothills Palo Verde – *Cercidium microphyllum*
- Blue Palo Verde – *Cercidium floridum*
- Mesquite – *Prosopis velutina*
- Whitethorn Acacia – *Acacia constricta*
- Catclaw Acacia – *Acacia greggii*
- Hackberry – *Celtis palida*

**Zone II: Upland Vegetation & Ironwood/Saguaro Association - 14.9 Acres
(approximately 83% of the Site)**

The vegetation within this zone is also in generally good condition. The predominant species within the Zone are the following:

Foothills Palo Verde – *Cercidium microphyllum*

Ironwood – *Olneya tesota*

Blue Palo Verde – *Cercidium floridum*

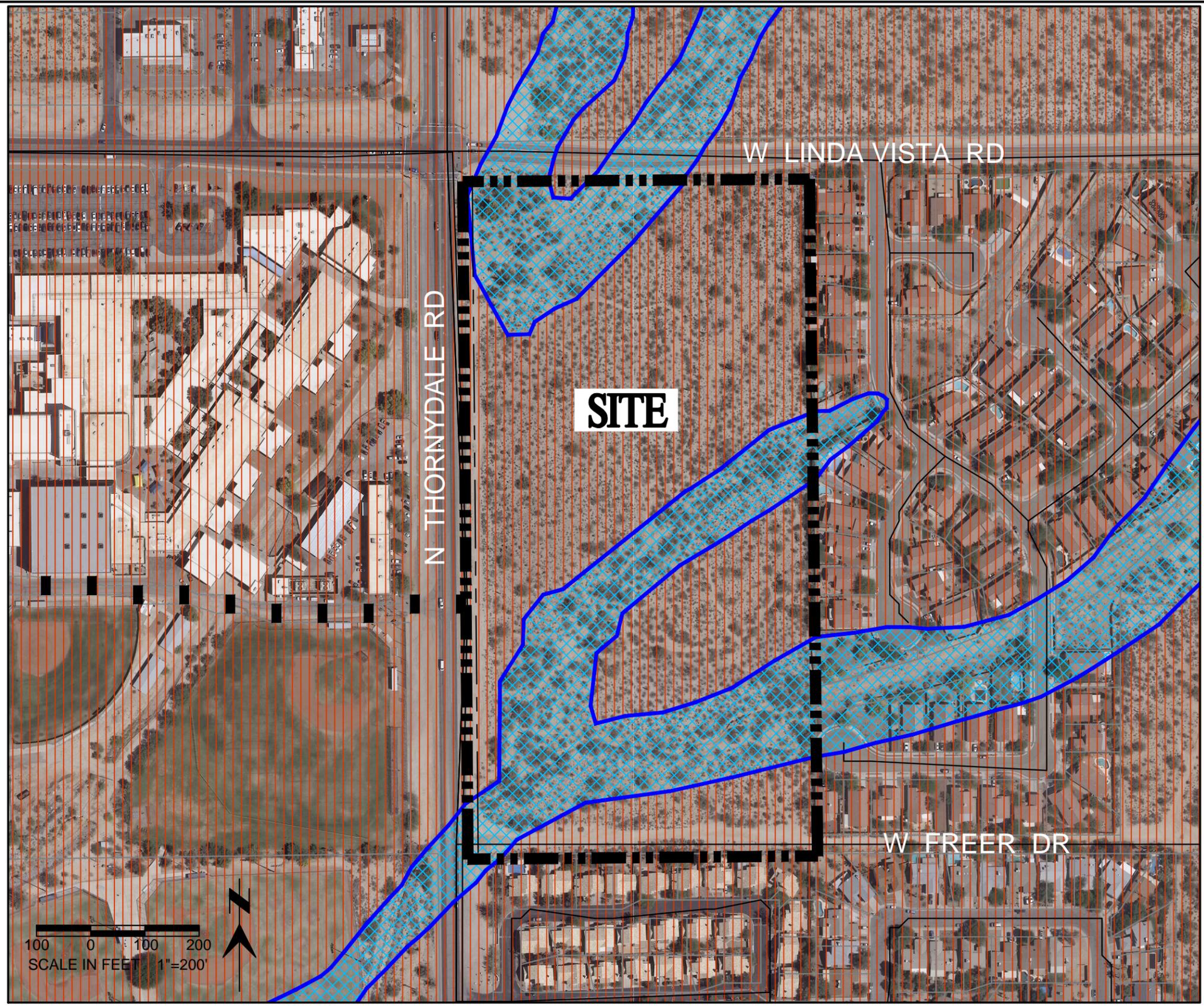
Saguaro – *Carnegiea gigantea*

Barrel Cactus – *Ferrocactus spp.*

Prickly Pear – *Opuntia spp.*

Cholla – *Opuntia spp.*

Exhibits to Follow



LEGEND



Rezoning Site
 Entire site and surrounding area falls within
 Multiple Use Management Area (MUMA) and
 Special Species Management Area (SSMA)
 CLS Designations.
 (Approximately 18.0 AC prior to Dedications.)



Multiple Use Management Area (MUMA) and Special
 Species Management Area (SSMA) with underlying
 Important Riparian Areas with Xeroriparian "C"
 Approx. 5.9 AC



Multiple Use Management Area (MUMA)
 and Special Species Management Area (SSMA)
 Approx. 12.1 AC

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EXHIBIT I-D.1,2
 PIMA COUNTY CONSERVATION
 LANDS SYSTEM
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