

Health Impact Assessment

Coffelt- Lamoreaux Public Housing Redevelopment



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Housing Authority of
Maricopa County

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Proposed plan:

Redevelopment of 296 units and their surrounding complex at the Coffelt-Lamoreaux Public Housing

Goals of HIA:

- Identify harms and benefits of potential design/programmatic decisions
- Identify evidence-based strategies and recommendations that inform the redevelopment
- Increase transparency/equity in decision-making through engaging stakeholders in an inclusive/democratic process
- Facilitate implementation decisions

HIA steps

Health Impact Assessment Steps

Screening

Scoping

Assessment

Recommendations

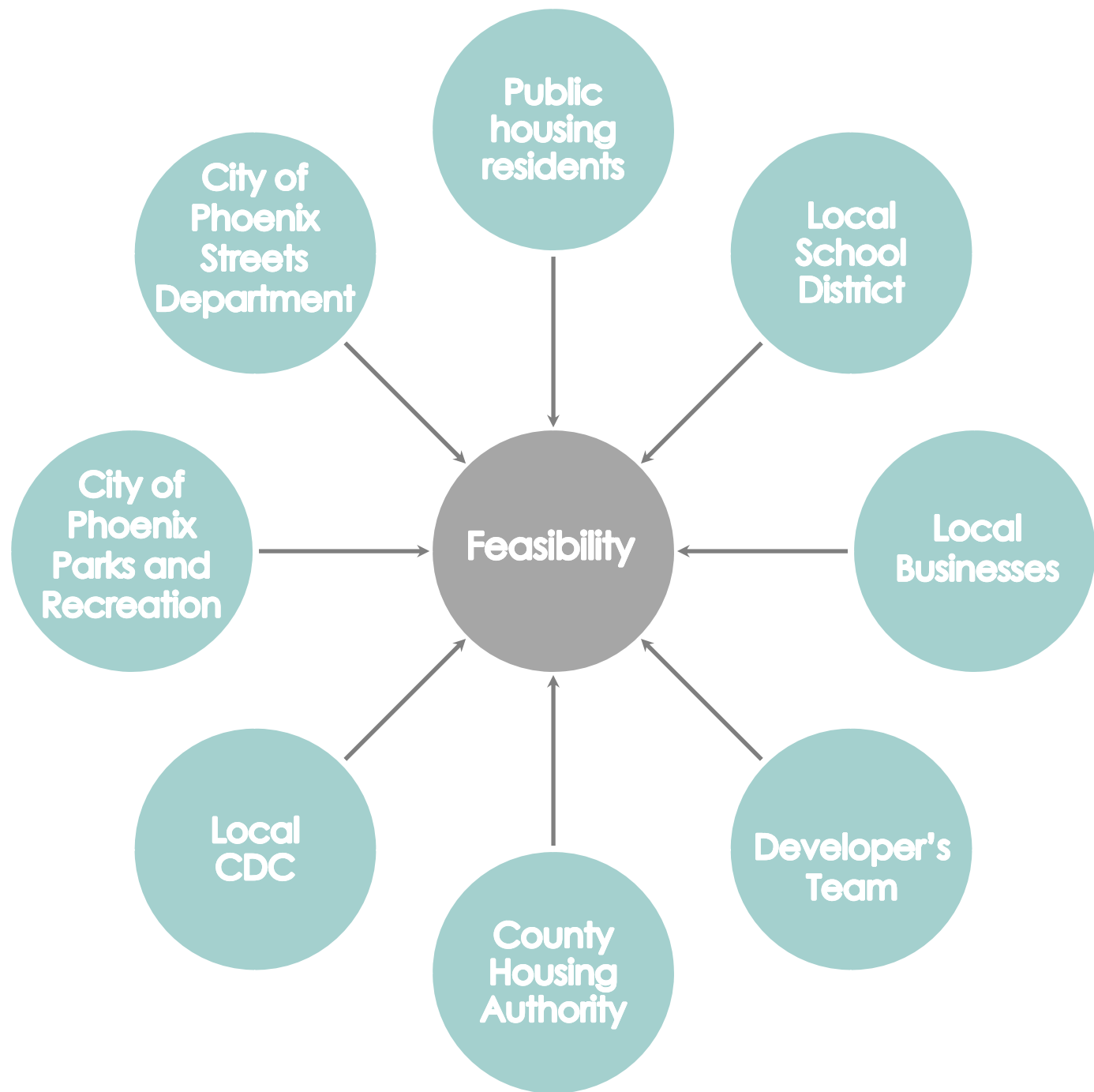
Reporting

Monitoring/Evaluating

engagement



screening/scoping



feasibility

Leadership

Resources

Technical capacity

Data

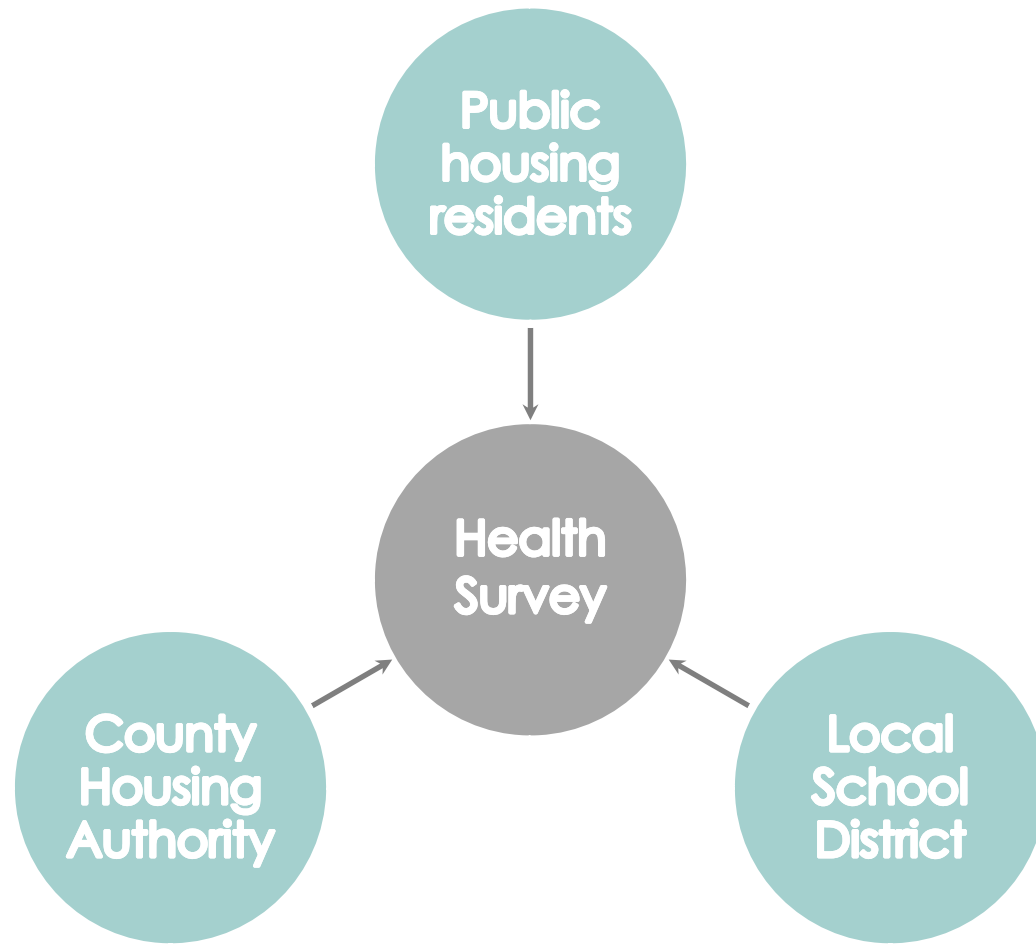
assessment



assessment



assessment



assessment



health impacts

Access to Healthy Food

Access to Physical Activity

Access to Safe Streets and

Affordable Transportation

Healthy and Safe Housing

Social Cohesion

findings



Limited access to healthy food



- Park in disrepair
- Park play equipment not to code



- Site aged and in disrepair
- Inadequate shade/lighting on site
- Site teeming with rodents and stray dogs

findings



- Housing units aging and in a state of disrepair
- Poor indoor and outdoor air quality; insufficient cooling
- Vermin infestation in units



- Unsafe streets around site
- Unsafe public transportation



- Lack of social cohesion
- Limited social activities

recommendations



recommendations

1. Install well-insulated HVAC systems.
2. Replace doors and windows.
3. Use high quality, energy efficient appliances.
4. Increase # of bathrooms to 2 for 3 & 4 bedroom units.
5. Install adequate lighting on the exterior wall of units.
6. Install a porous fencing on front & back of each unit.
7. Introduce parking in close proximity to units.
8. Improve landscaping - add trees and other vegetation to improve air quality and mitigate urban heat island effect.
9. Rebuild irrigation system to afford the use of SRP water.
10. Improve lighting throughout site by ensuring that all lights are dawn-to-dusk lights in good working condition.
11. Construct a block wall along the Coffelt boundary where adjacent to industrial uses bordering the housing.
12. Design site to provide effective water drainage system to help minimize mosquito breeding areas.

recommendations

1. Install **well-insulated HVAC** systems.
2. Replace **doors and windows**.
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recommendations

1. Complete streets for street adjacent to housing property.
2. Repairs and improvements on streets within the property.
3. Introduce healthy food options: community garden, school gardening program, mobile vending
4. Upgrade/repair existing park.
5. Control the population of dogs and vermin by involving Maricopa County Vector Control.
6. Communication between Housing Authority, developer and Coffelt residents about redevelopment process.
7. Form Community Council.
8. Build identity.

recommendations

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reporting



reporting



reporting





Legend

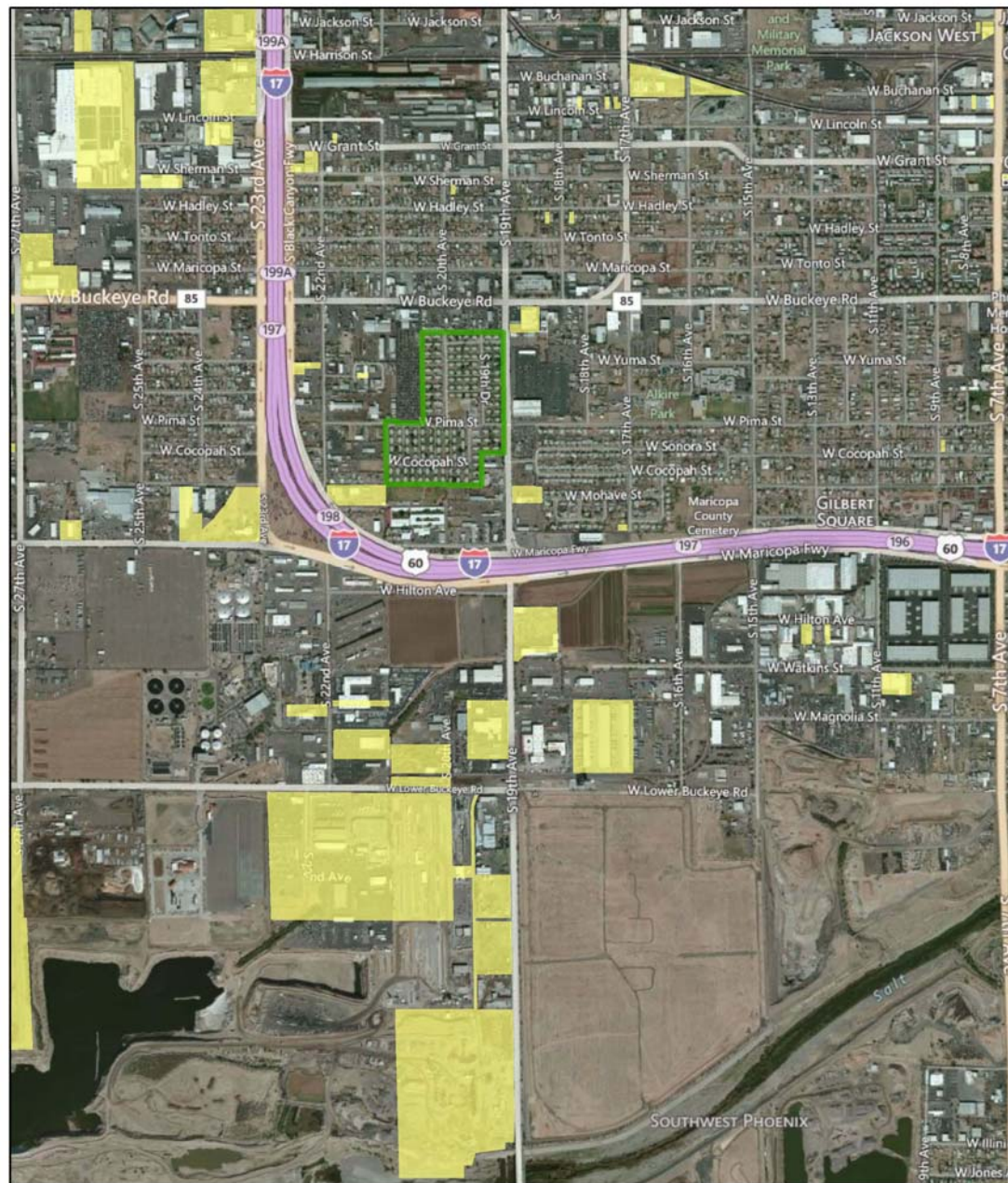
- 500 Meter Air Shed of Interstate 17
- Coffelt Neighborhood

Critical air pollution zone around I-17

Cofflet-Lamoreaux Housing Health Impact Assessment

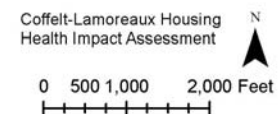
0 500 1,000 2,000 Feet





- Legend
- Coffelt Neighborhood
 - Waste Generating Business

Hazardous Material and Waste Sources





New HAWK crosswalk makes this busy intersection safer for pedestrians/students to cross 19th Ave. to get to the bus stop

Street median helps to slow traffic and helps mitigate the heat island effect

New bike lane that also creates a buffer from vehicular traffic and helps people use alternate methods of transportation like biking

Tree lined streets that provide shade and create a buffer between the pedestrians and vehicular traffic

New ADA compliant ramps at each corner, making these streets accessible

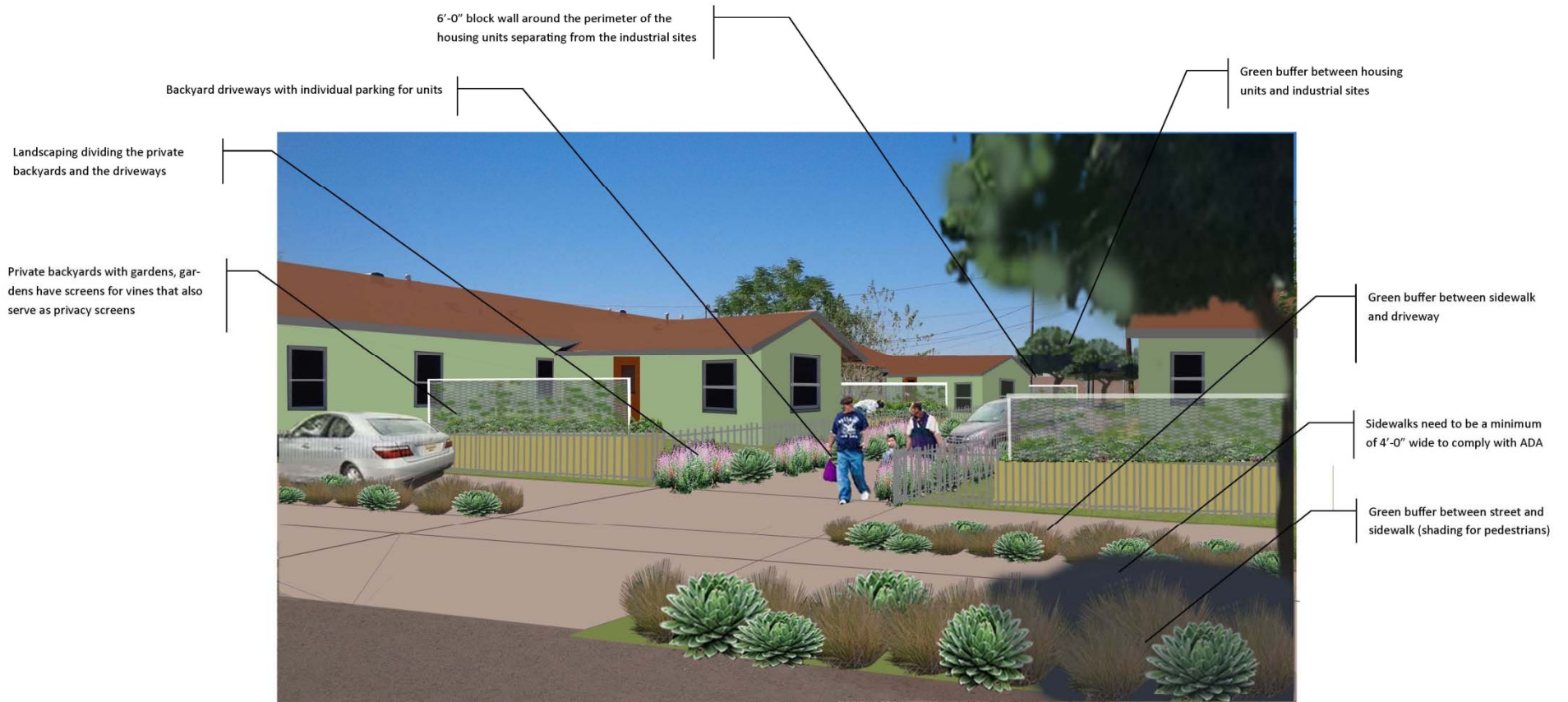
4'-0" minimum sidewalks shaded by tree lined streets

Landscaped strip separating the street from the housing unit fence



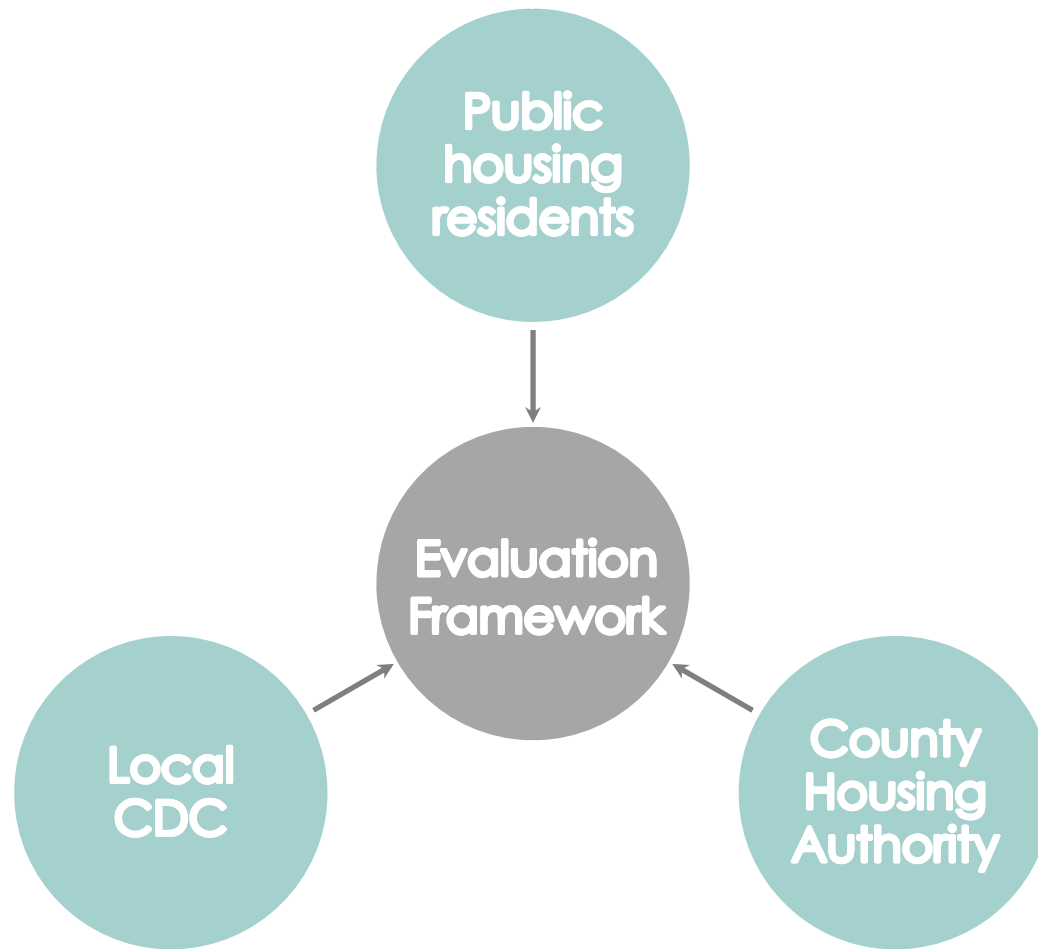
***Pedestrian HAWK Crosswalk on
19th Avenue and Pima***





***Unit Prototype Private Back Yards
with Individual Parking***

monitoring



value of HIA

- being fully engaged as action researchers and decision-makers, residents felt empowered
- brought together an unprecedented cooperation between several city and county departments (still continues)
- the evidence-based, community-embedded recommendations generated enthusiasm and passion in the funding community
- projected to be a catalyst for long term community development/neighborhood revitalization
- county Health Department, LISC Phoenix, local CDC and residents invested in monitoring plan

To learn more about the Coffelt-Lamoreaux Public Housing Redevelopment HIA and a case study of the HIA, visit:

http://www.lisc.org/phoenix/news_&_resources/publications.php

or

<http://www.healthimpactproject.org/hia/us/coffelt-lamoreaux-public-housing-d>

<http://www.healthimpactproject.org/resources/the-coffelt-case>



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design - housing



design - housing



design - housing



design - housing



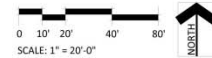
design - community center



design - community center



design- siteplan



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Project No. LS1001-00-01
Plot Date: 10/10/2013
Drawn by: MB / JA

Date: 10/10/2013 Issue Description: REVISIONS



Sheet Title
**OVERALL
PLANTING PLAN**

Sheet No.
LS100
SHEETS 1 OF 2