



#### Project Information

Connect to Poipu WRF system  
 80 **Medium Priority** Cesspools  
 1 other IWS also connected  
 5,300 LF of 8" pipe  
 100% Gravity Collection System  
 $A_{WDF} = 0.03 \text{ MGD}$ ,  $Q_{DES} = 0.08 \text{ MGD}$   
 Cost Estimate: \$15.2M

#### Legend

- Project Area Boundary
- Proposed New Sewer Line
- ● ● High/Medium/Low Priority Cesspools
- Connection Point

#### Key Notes

- 1 Connect to Poipu WRF via existing manhole on Makalea Street.

#### Location Map

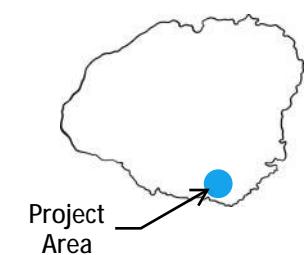
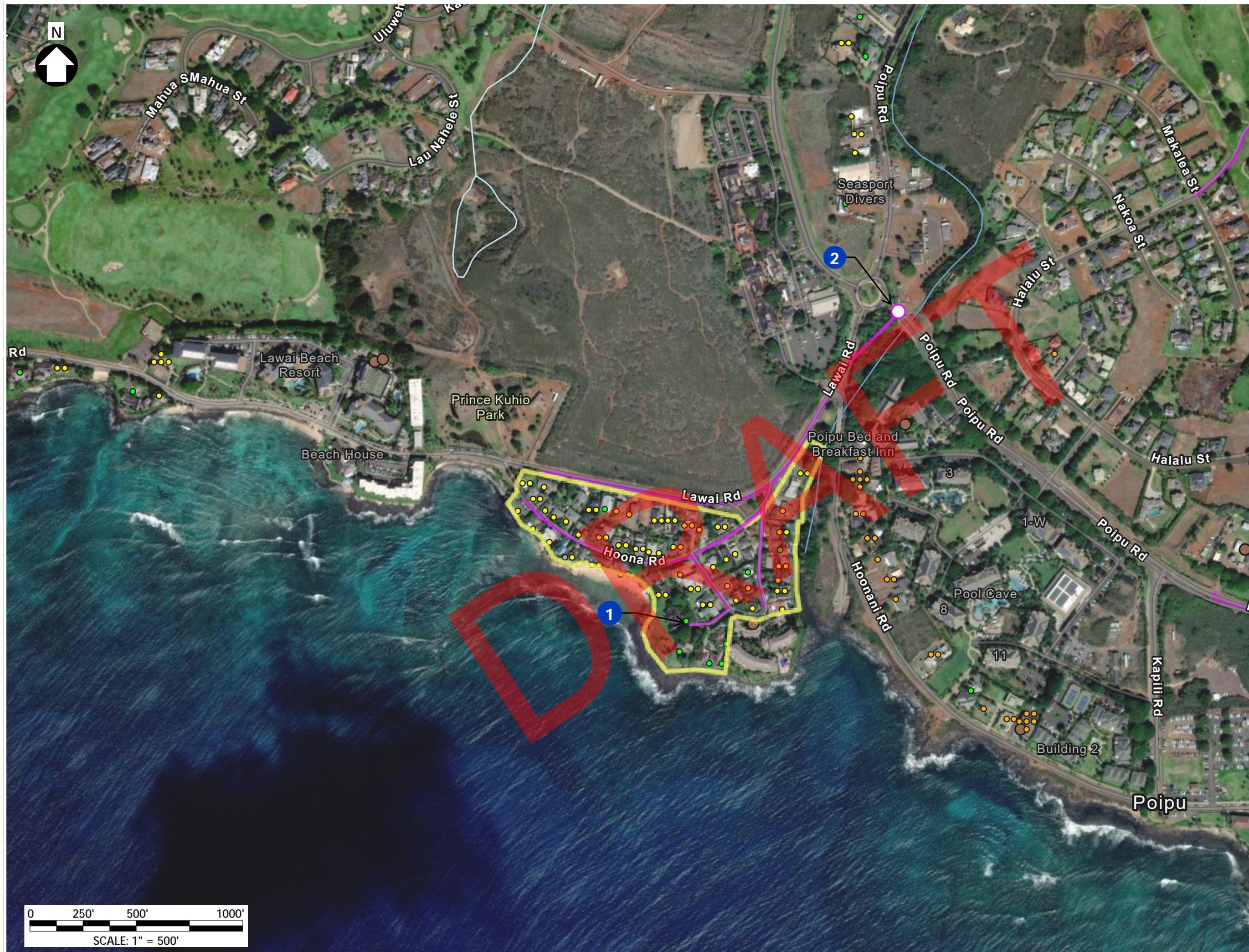
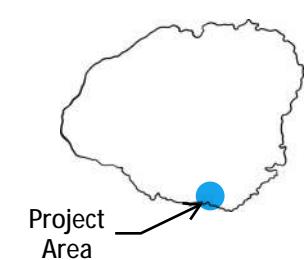


Figure 26. Proposed private sewer extension to Kiahuna Golf Course.



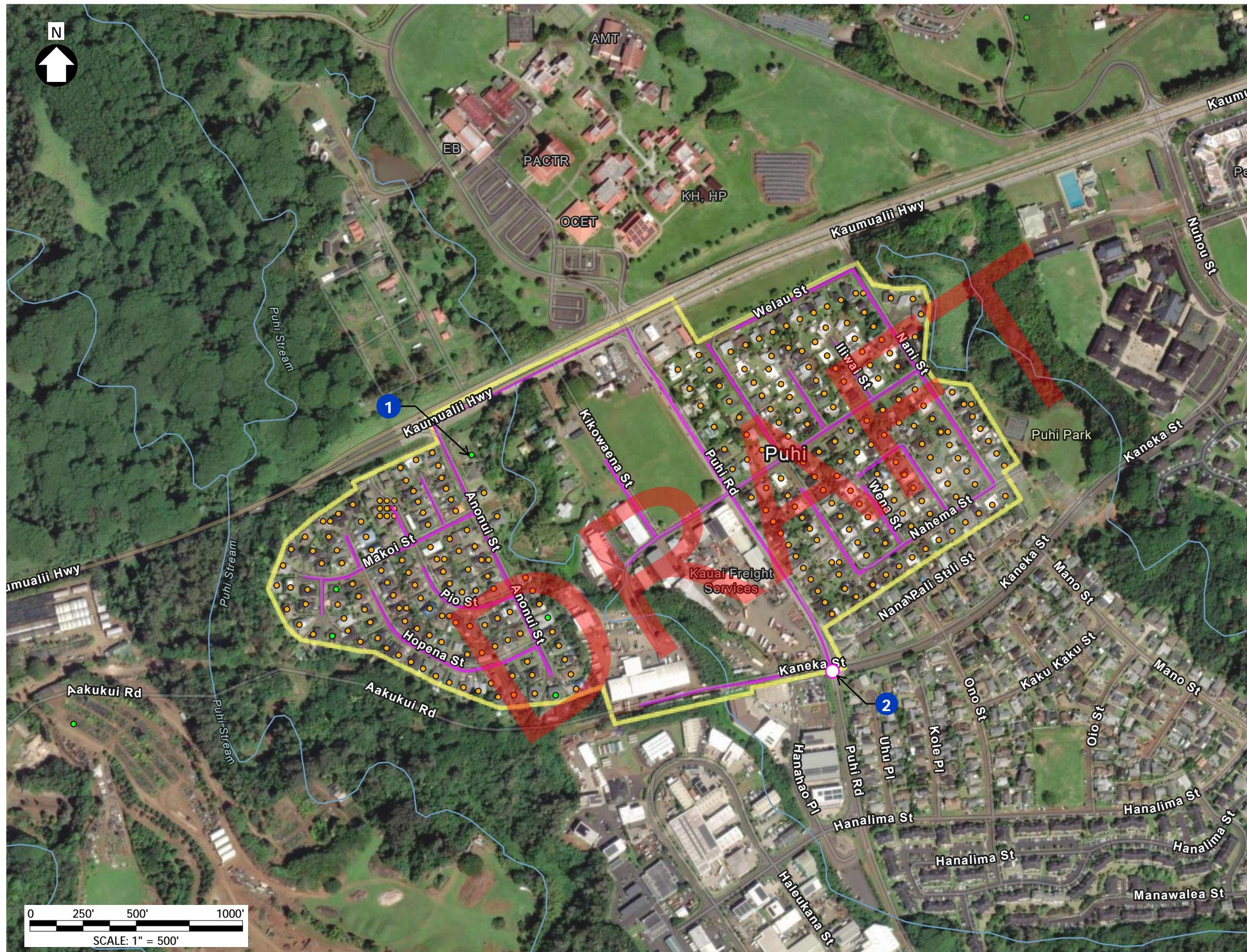
#### Location Map



**Figure 27. Proposed private sewer extension to Hoona Road.**



Figure 28. Proposed private sewer extension to Kipuka Street.



#### Project Information

Connect to Lihue-Puhi WRF system  
 274 **Medium Priority** Cesspools  
 39 other IWS also connected  
 15,800 LF of 4", 8", and 12" pipe  
 10% Gravity / 90% LPS Collection System  
 $A_{WDF} = 0.21 \text{ MGD}$ ,  $Q_{DES} = 0.51 \text{ MGD}$   
 Cost Estimate: \$39.7M

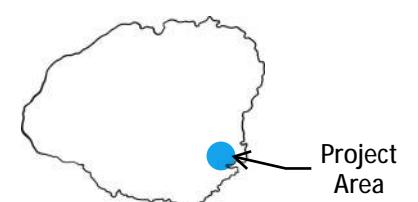
#### Legend

- Project Area Boundary
- Existing Sewer Line
- Proposed New Sewer Line
- High/Medium/Low Priority Cesspools
- Other IWS
- Connection Point

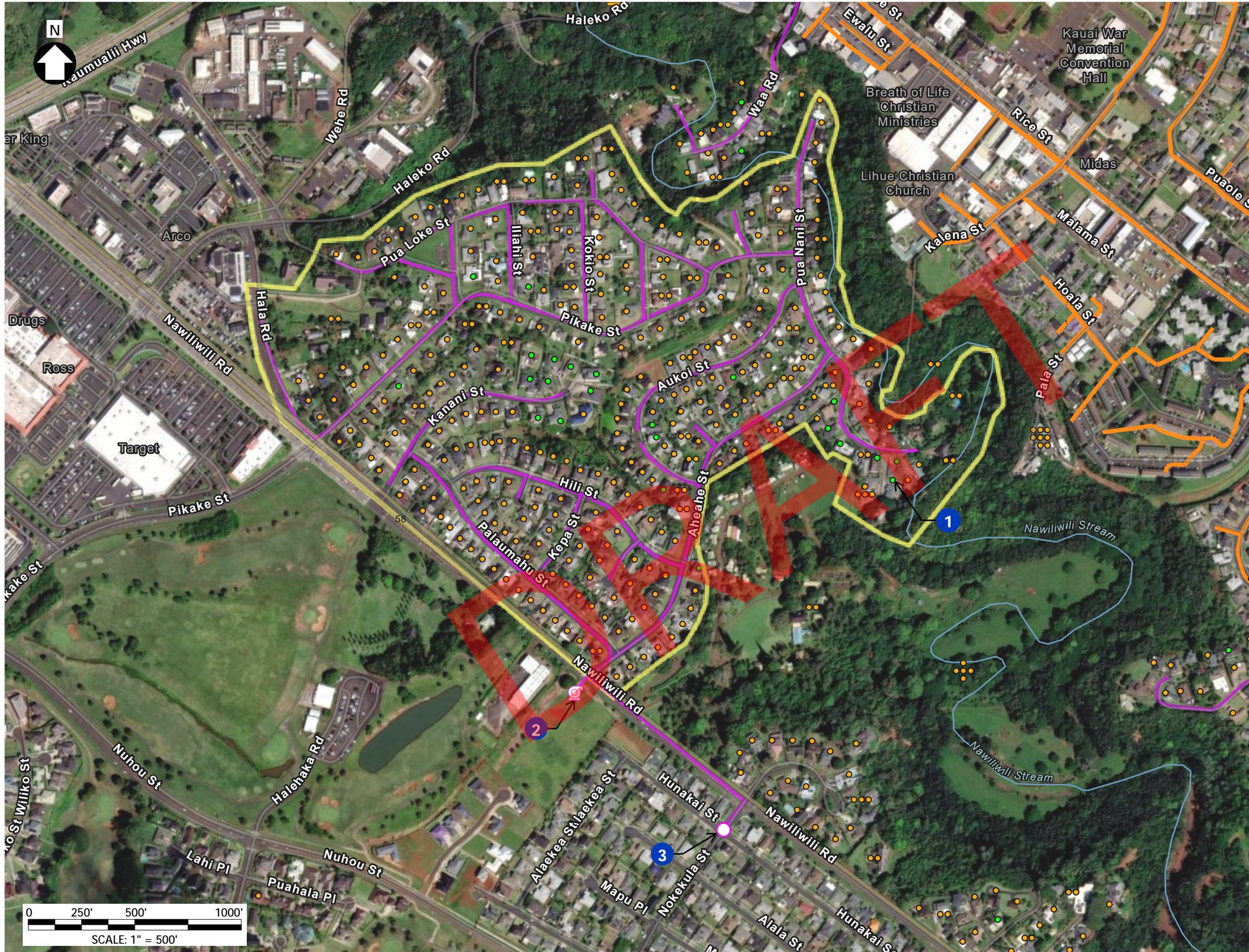
#### Key Notes

- 1 Example other IWS that can be connected to the new collection system.
- 2 Connect to Lihue-Puhi WRF system via existing manhole on Kaneka Street.

#### Location Map



**Figure 29. Proposed private sewer extension to Puhi.**



## Project Information

Connect to Lihue-Puhi WRF system

## 337 Medium Priority Cesspools

28 other IWS also connected

18,700 LF of 4" and 8" pipe

100% LPS Collection System

AWDF = 0.10 MGD, Q<sub>DES</sub> = 0.26 MGD

Cost Estimate: \$57.6M

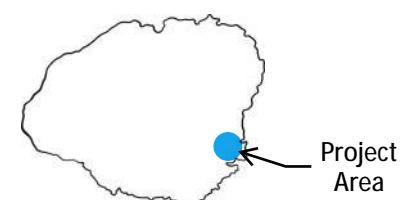
## Legend

- Project Area Boundary
  - Existing Sewer Line
  - Proposed New Sewer Line
  - High/Medium/Low Priority Cesspools
  - Other IWS
  - New WWPS
  - Connection Point

## Key Notes

- 1 Example other IWS that can be connected to the new collection system.
  - 2 New WWPS and 3,900 LF of force main to convey wastewater.
  - 3 Connect to Lihue-Puhi WRF system via existing manhole on Nawiliwili Street.

## Location Map



*Figure 30. Proposed private sewer extension to Nawiliwili Road.*