

COASTAL DATA EXCHANGE

Building Footprints on Oahu

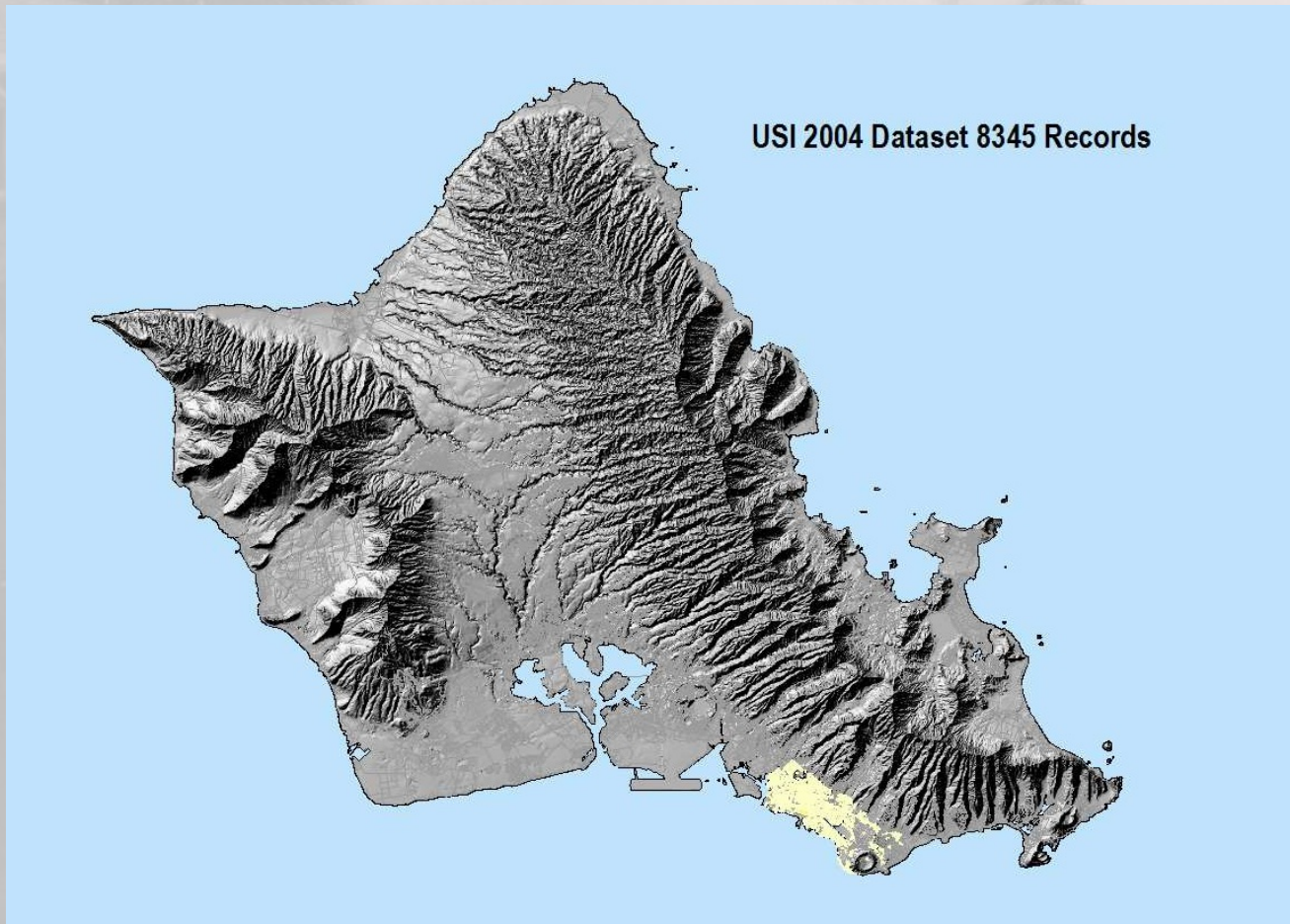


Jim Hayden, GIS Analyst V

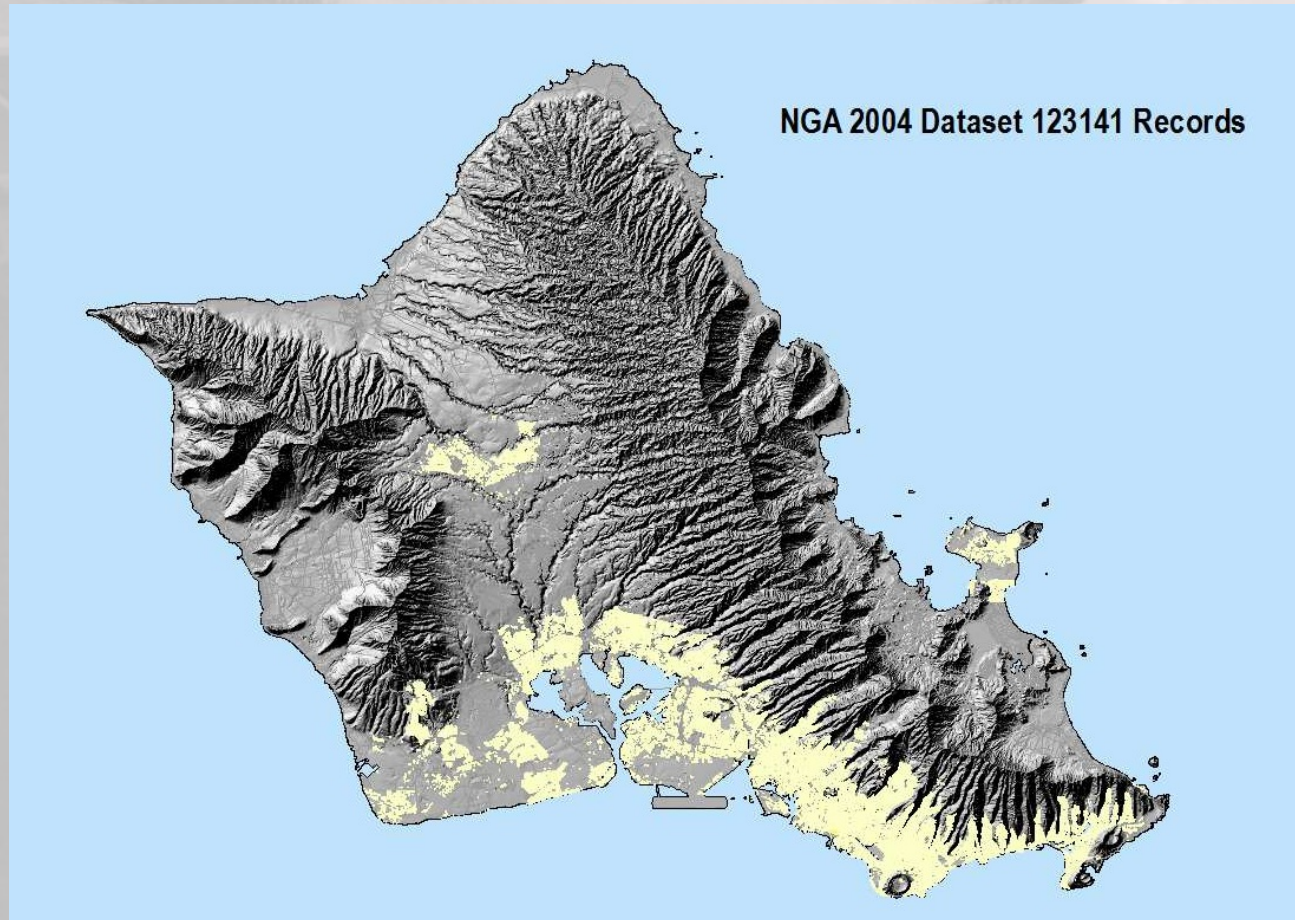
Holis Section, DPP

City & County of Honolulu

History

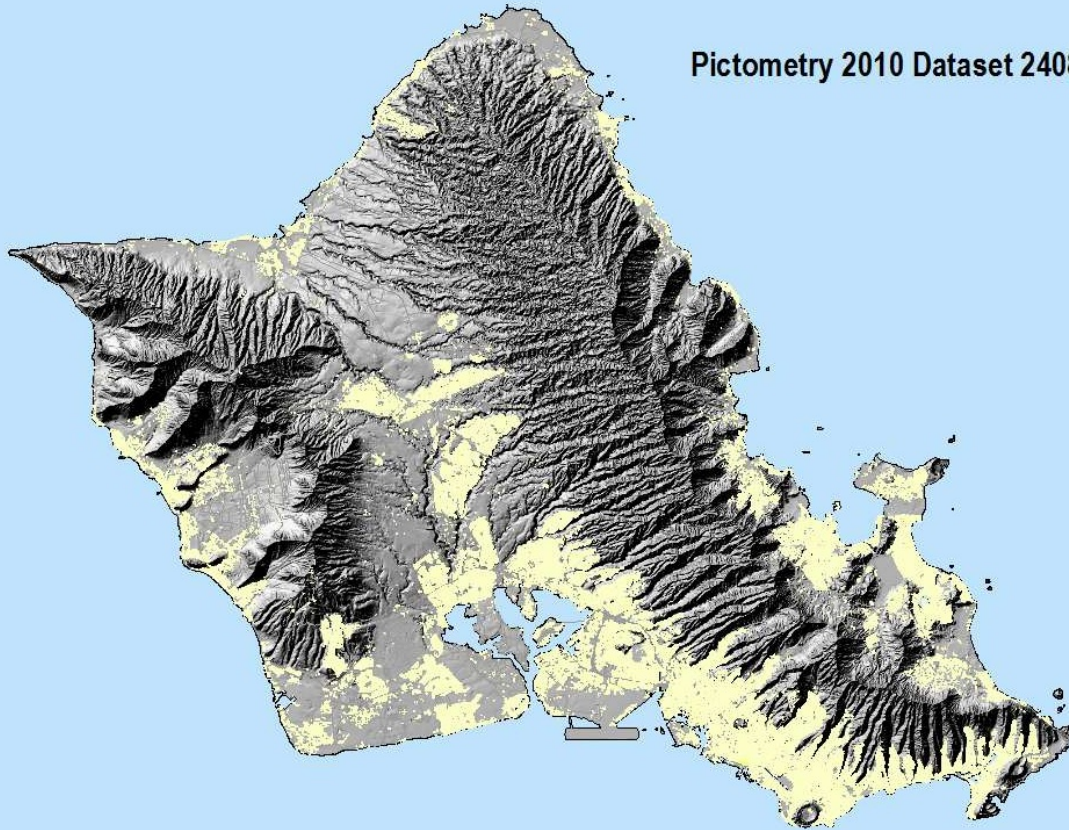


History

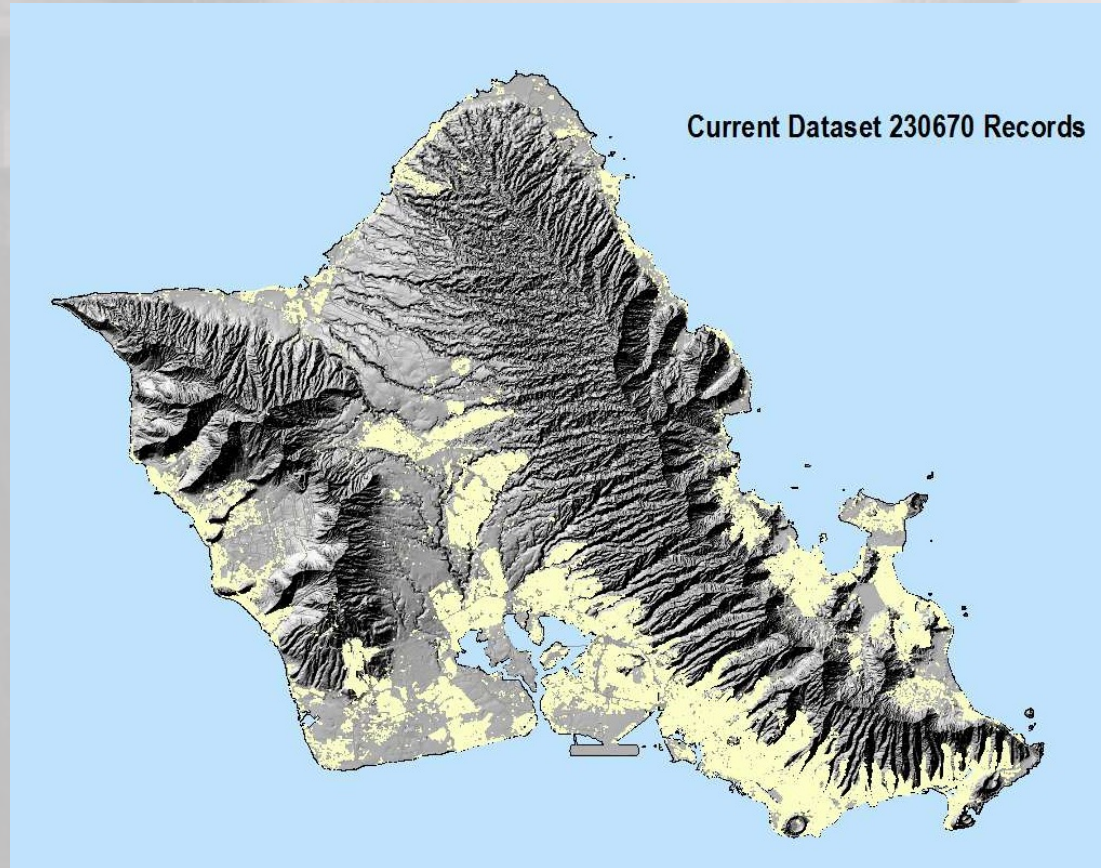


History

Pictometry 2010 Dataset 240896 Records



History

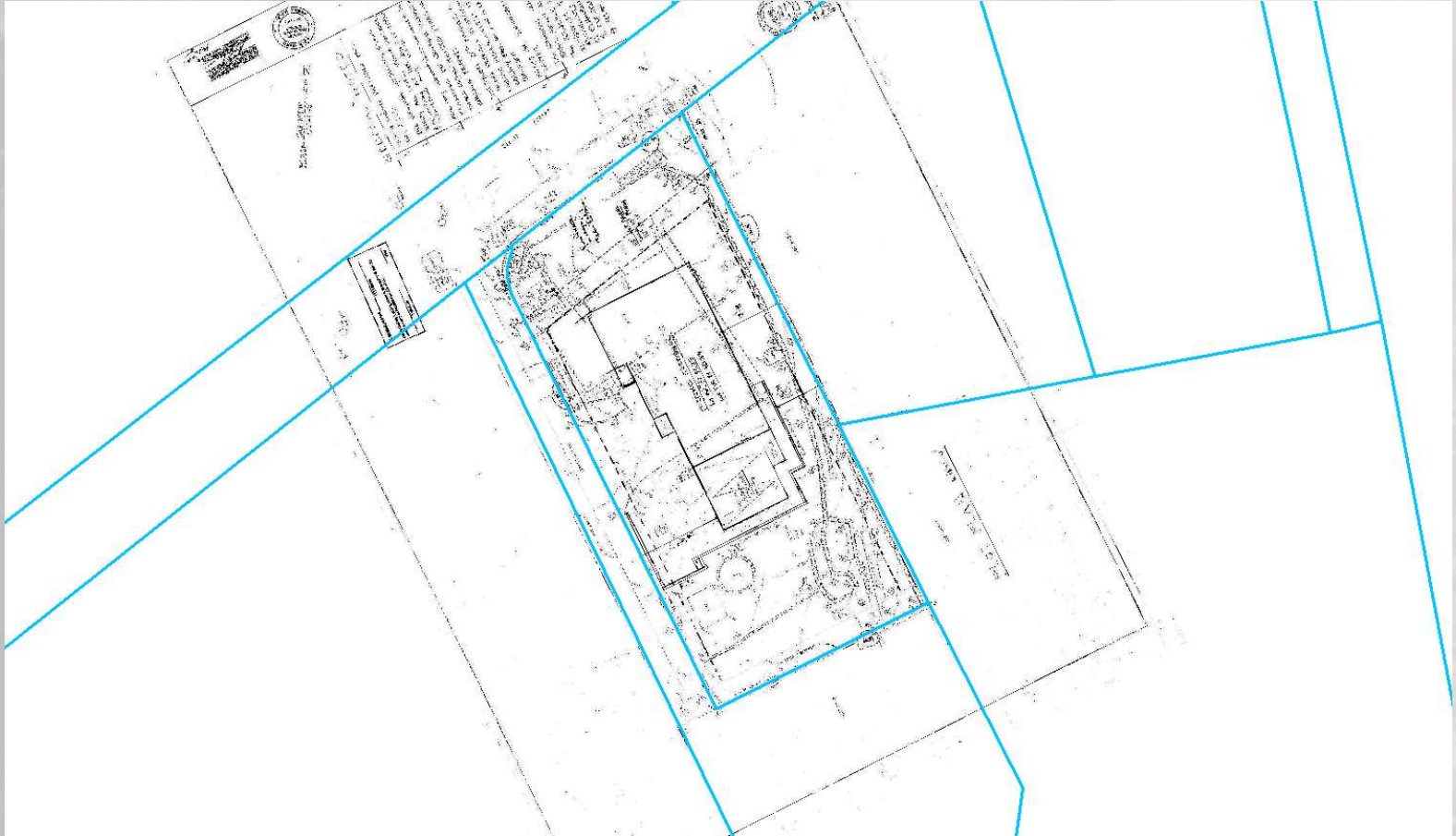


Data Sources

95,000 Pictometry Records
130,000 Lidar/USI Records
4,500 Digitized from Site plans
and/or Aerial Images



Edits and Revisions



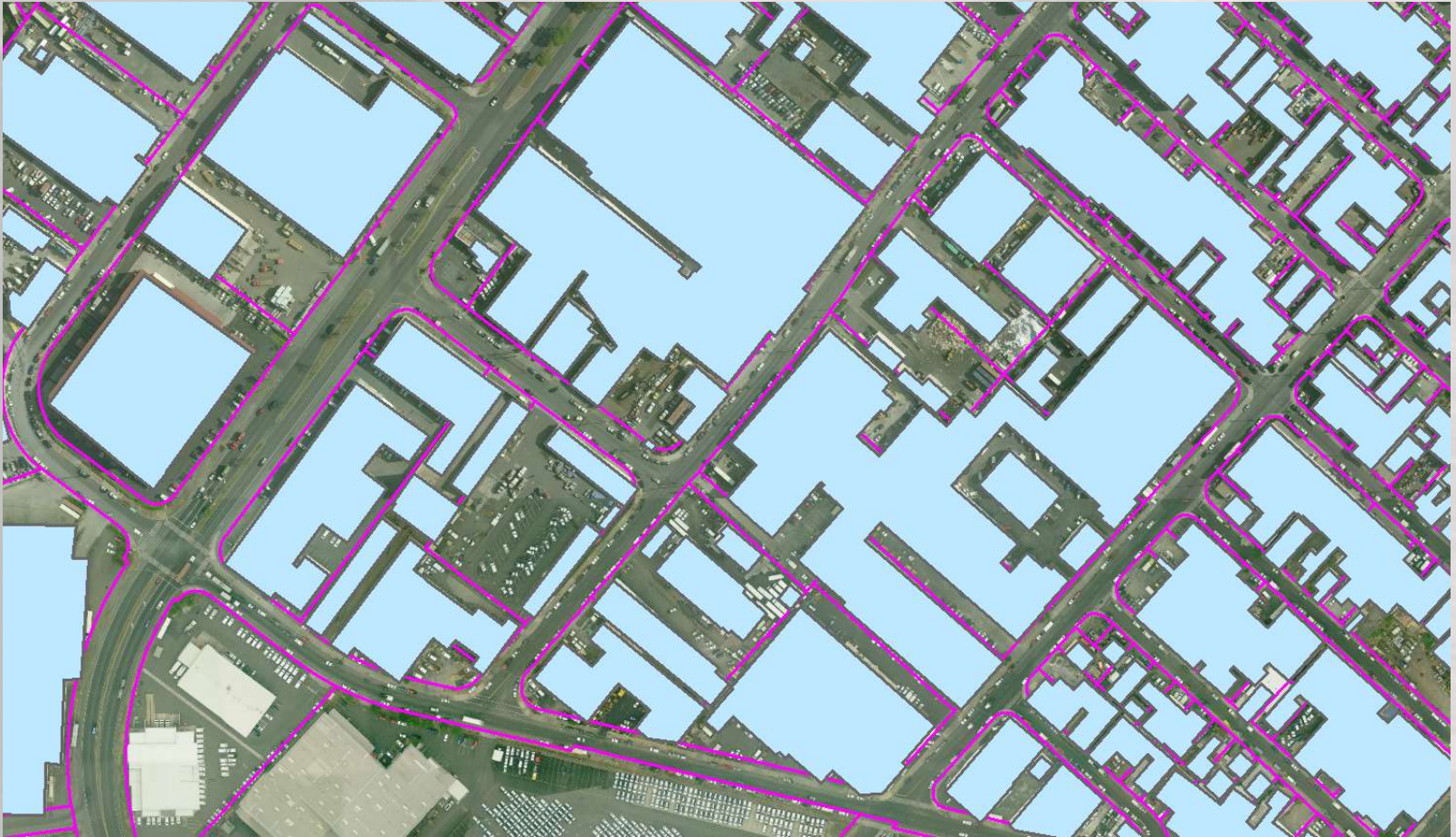
Edits and Revisions



Edits and Revisions



Edits and Revisions



Edits and Revisions



Structures and Addressing

The Department of Planning and Permitting is responsible assigning building addresses outside of the military bases.

Holis data is used in the CAD systems for Honolulu's first responders.

It is our long term goal to have every address in our database assigned to a structure (excluding vacant lots, which are allowed one address per parcel).

We have workflows and guidelines to make sure that new addresses are assigned to structures. However, in the past address records were associated with the parcel and we have a huge backlog of older records that need to be edited.



Structures and Addressing



Structures and Addressing



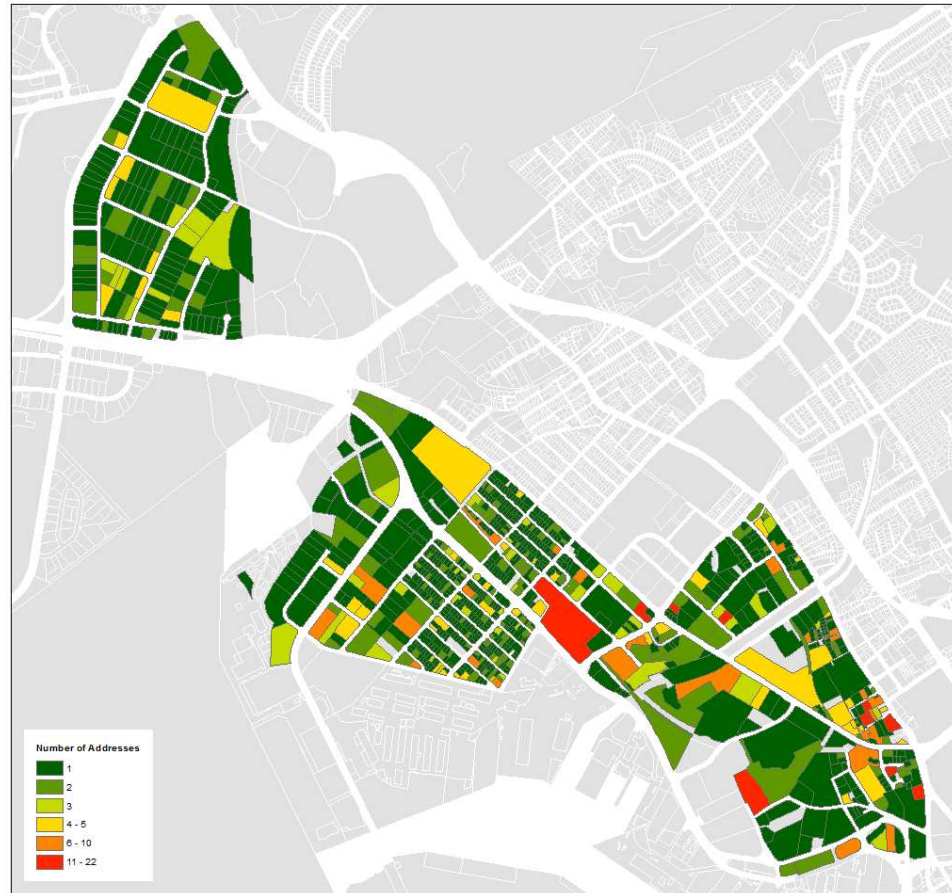
Structures and Addressing



Structures and Addressing



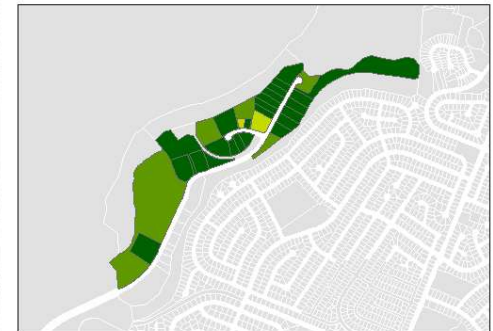
Structures and Addressing



Mapunapuna/Iwilei

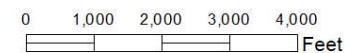


Halawa Valley



Pearl City

Address Points per Parcel
HFD Industrial Area Edits



Availability of the Data

The building footprints are available as a feature service as well as in a shapefile.

ftp://gisftp.hicentral.com/layers/Structures_Facilities/

<http://cchnl.maps.arcgis.com/home/item.html?id=d2118b7abc524dbbbaf6a62ad96879cb>

If you have questions or suggestions please contact:

Jim Hayden

808-768-8062

jhayden@honolulu.gov

