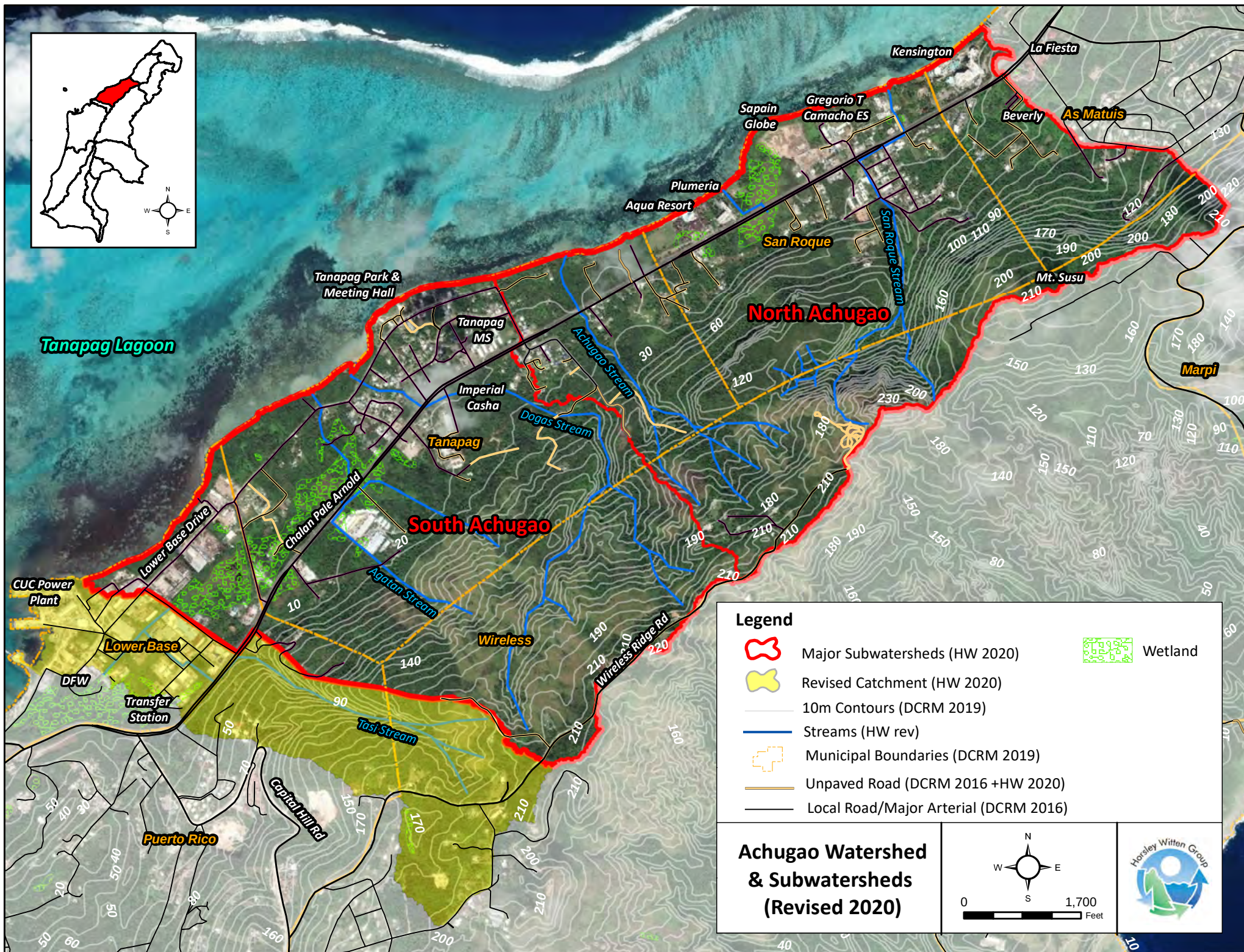
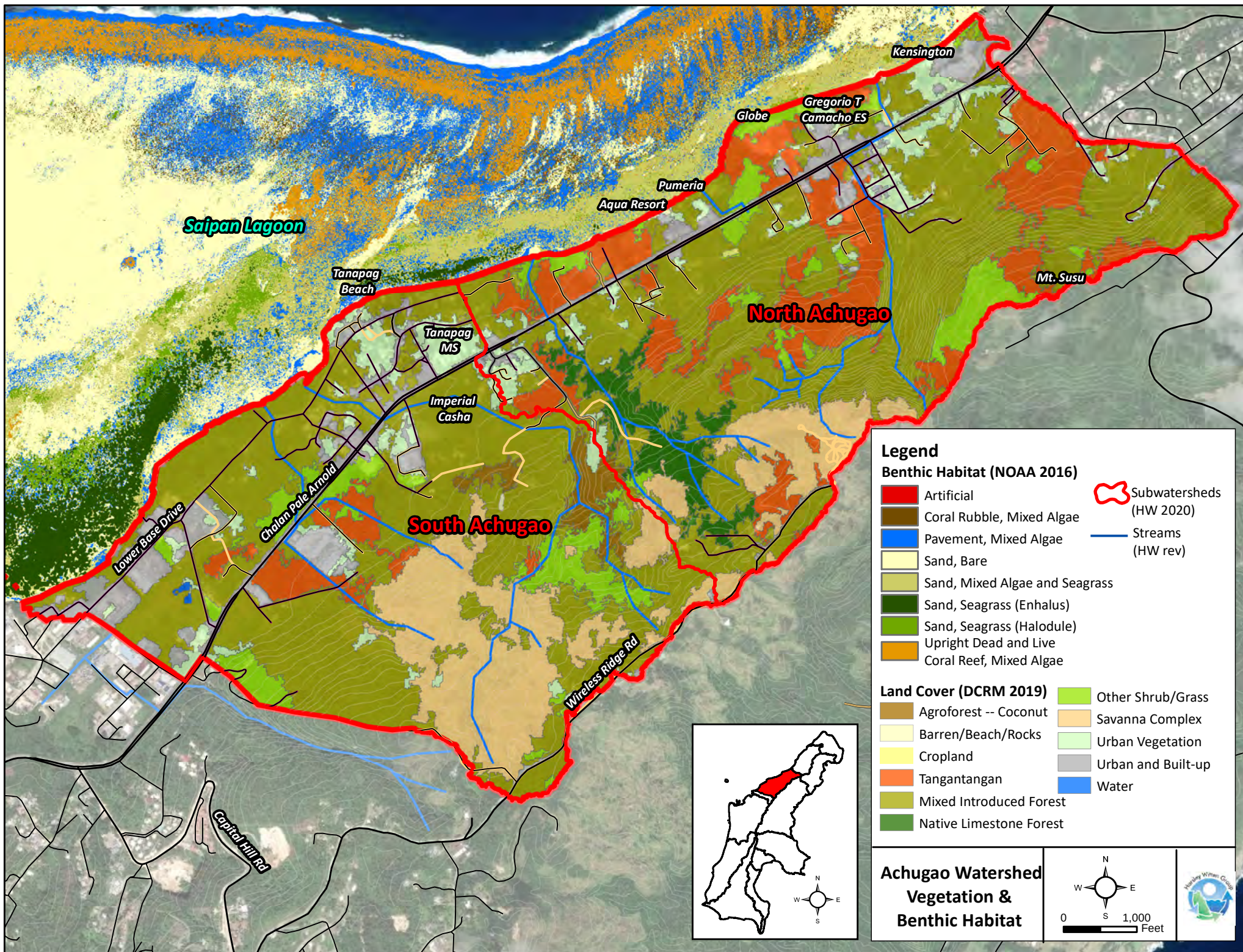
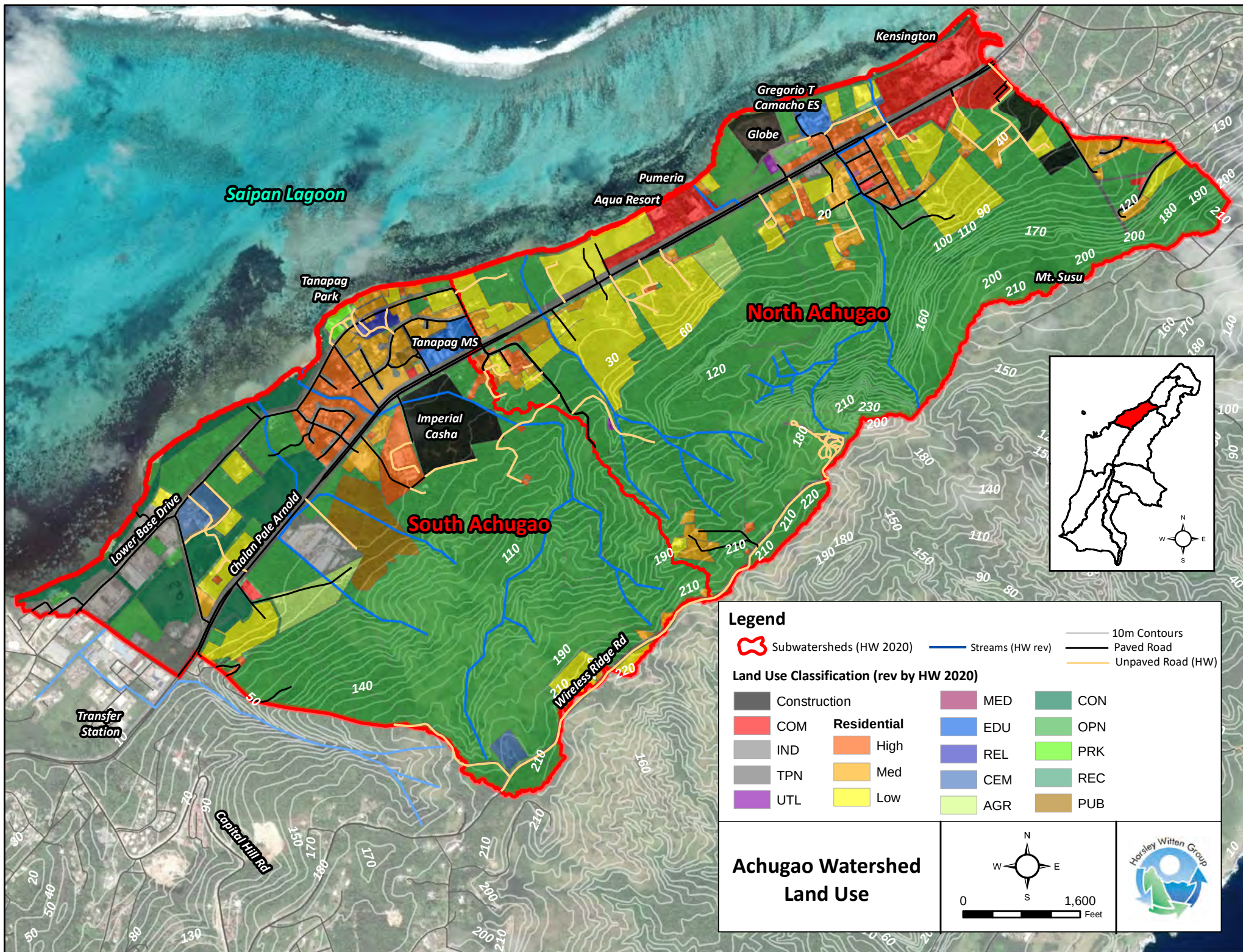
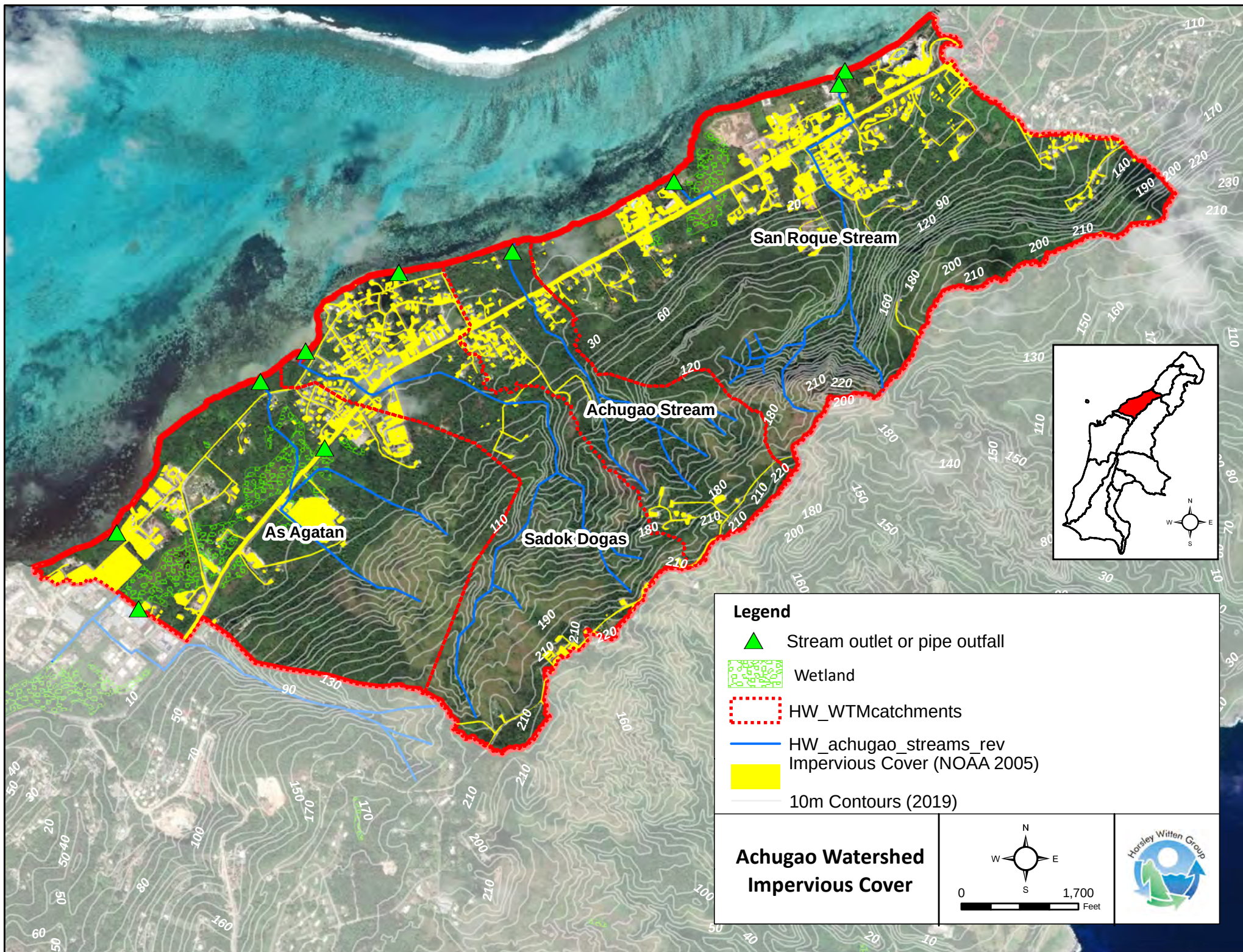
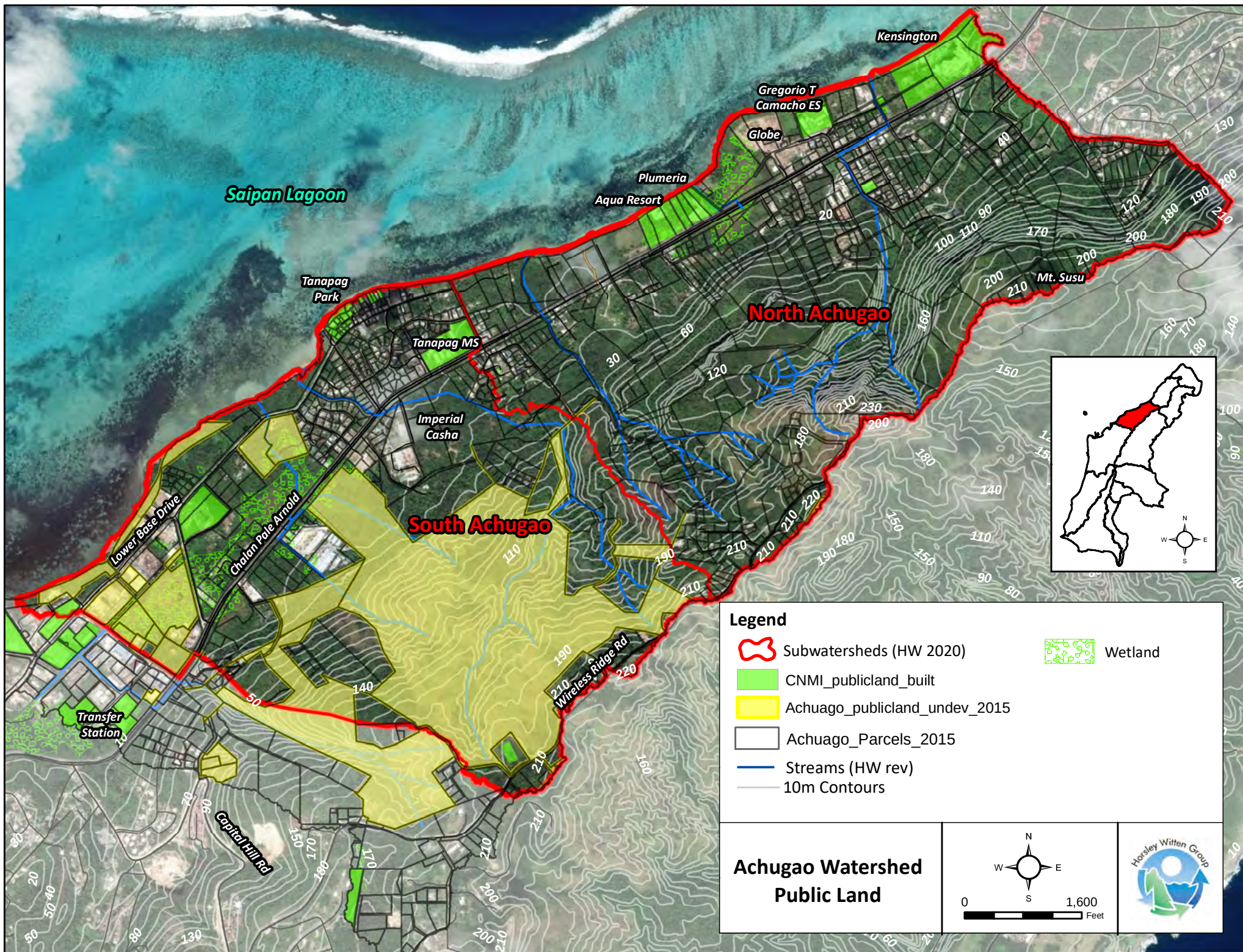


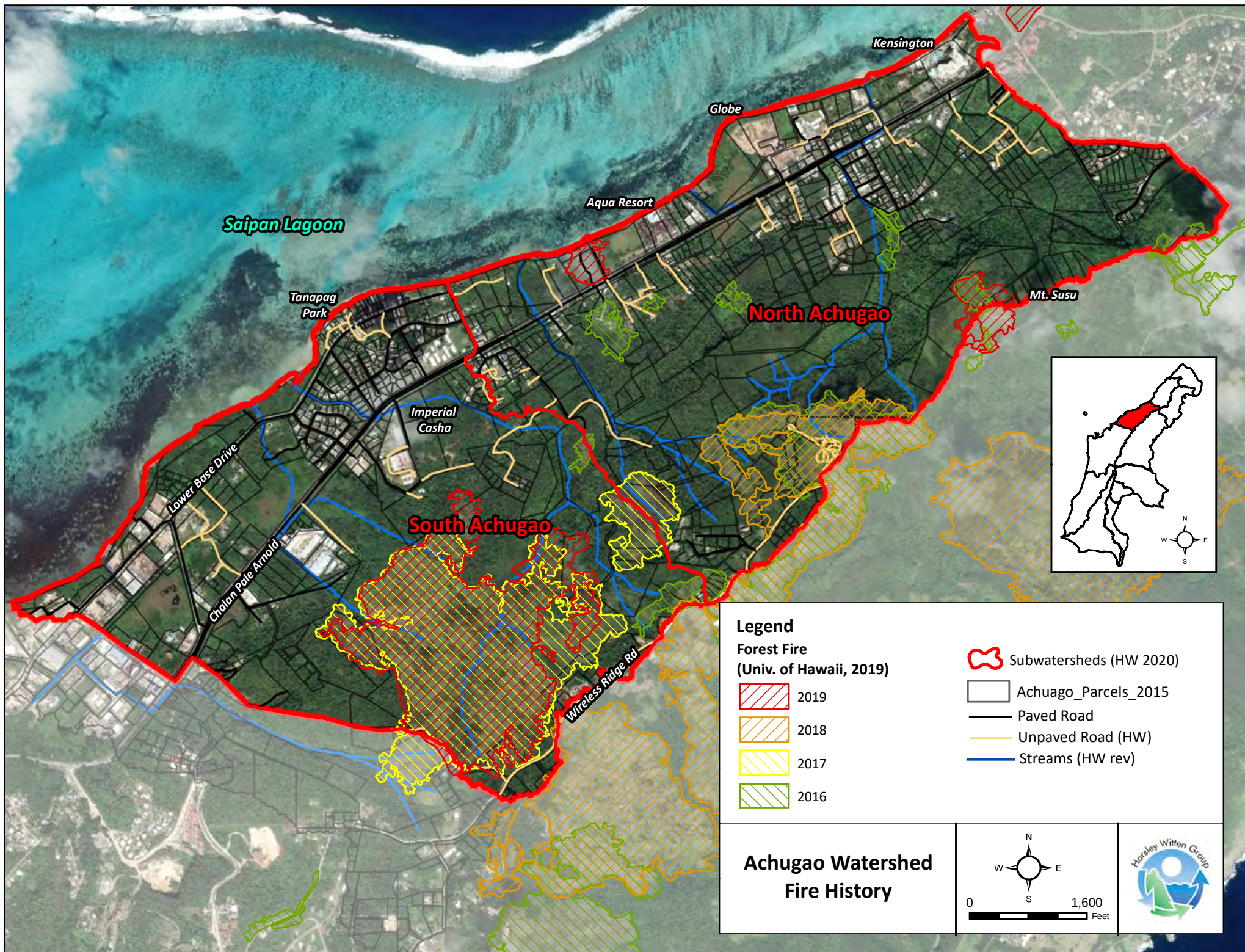












Saipan Lagoon

Kensington

Globe

Aqua Resort

Tanapag Park

North Achugao

Mt. Susu

Imperial Casha

South Achugao

Lower Base Drive

Chalan Pale Arnold

Wireless Ridge Rd

Legend

Forest Fire
(Univ. of Hawaii, 2019)

- 2019
- 2018
- 2017
- 2016

Subwatersheds (HW 2020)

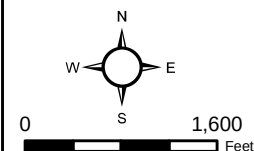
Achugao_Parcels_2015

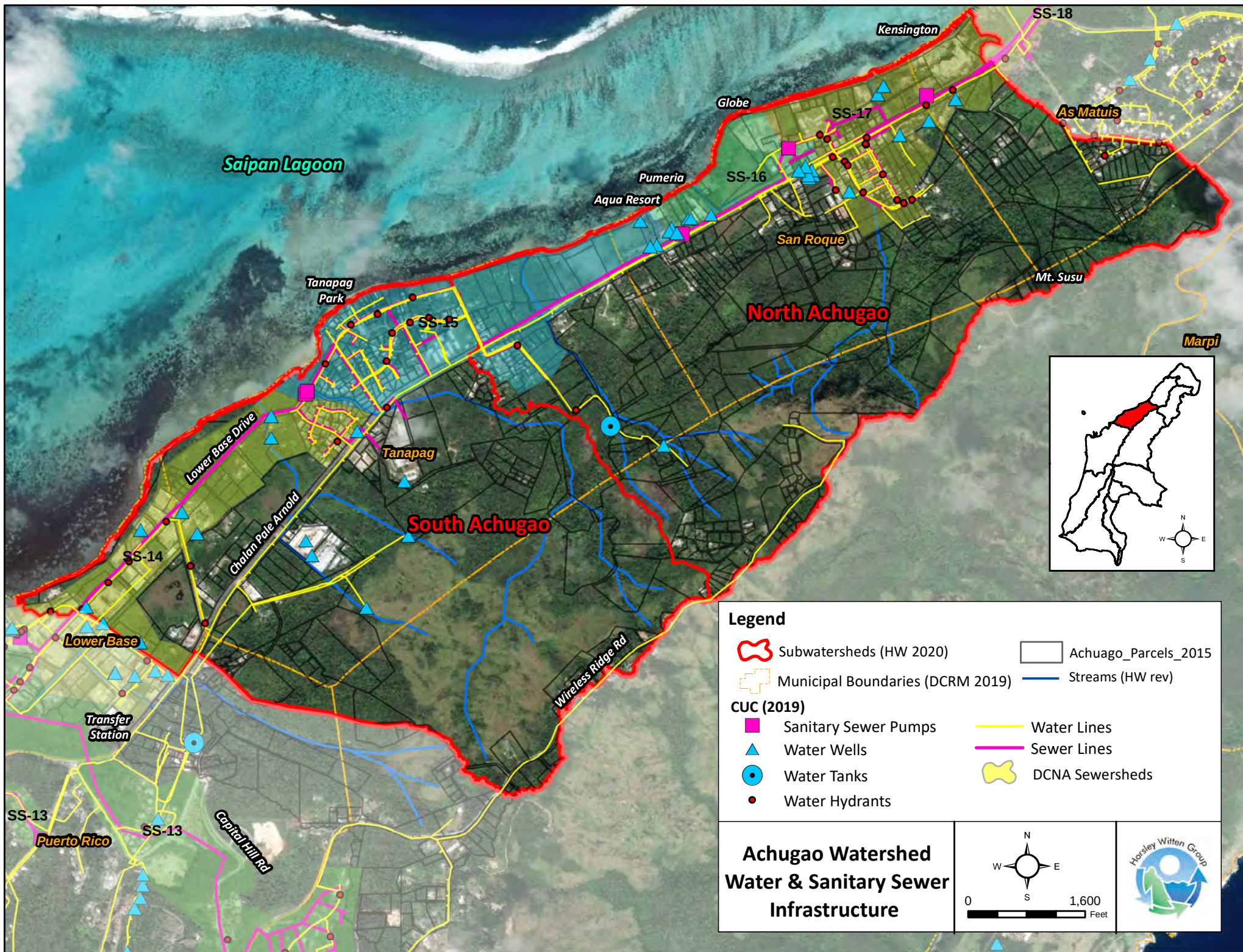
Paved Road

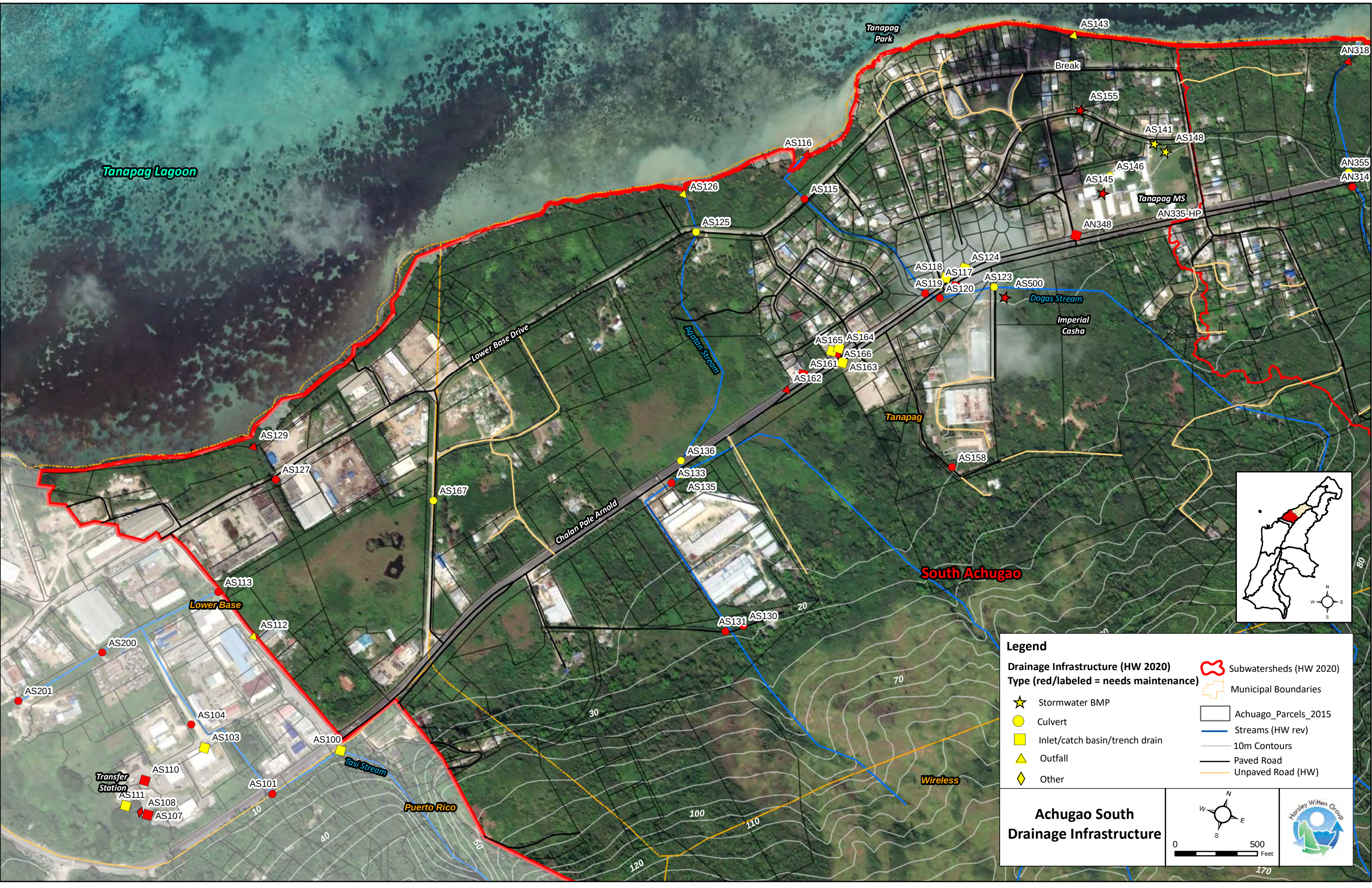
Unpaved Road (HW)

Streams (HW rev)

Achugao Watershed
Fire History







Legend

Drainage Infrastructure (HW 2020)
Type (red/labeled = needs maintenance)

- ★ Stormwater BMP
- Culvert
- Inlet/catch basin/trench drain
- ▲ Outfall
- ◆ Other

Subwatersheds (HW 2020)

Municipal Boundaries

Achuago_Parcels_2015

Streams (HW rev)

10m Contours

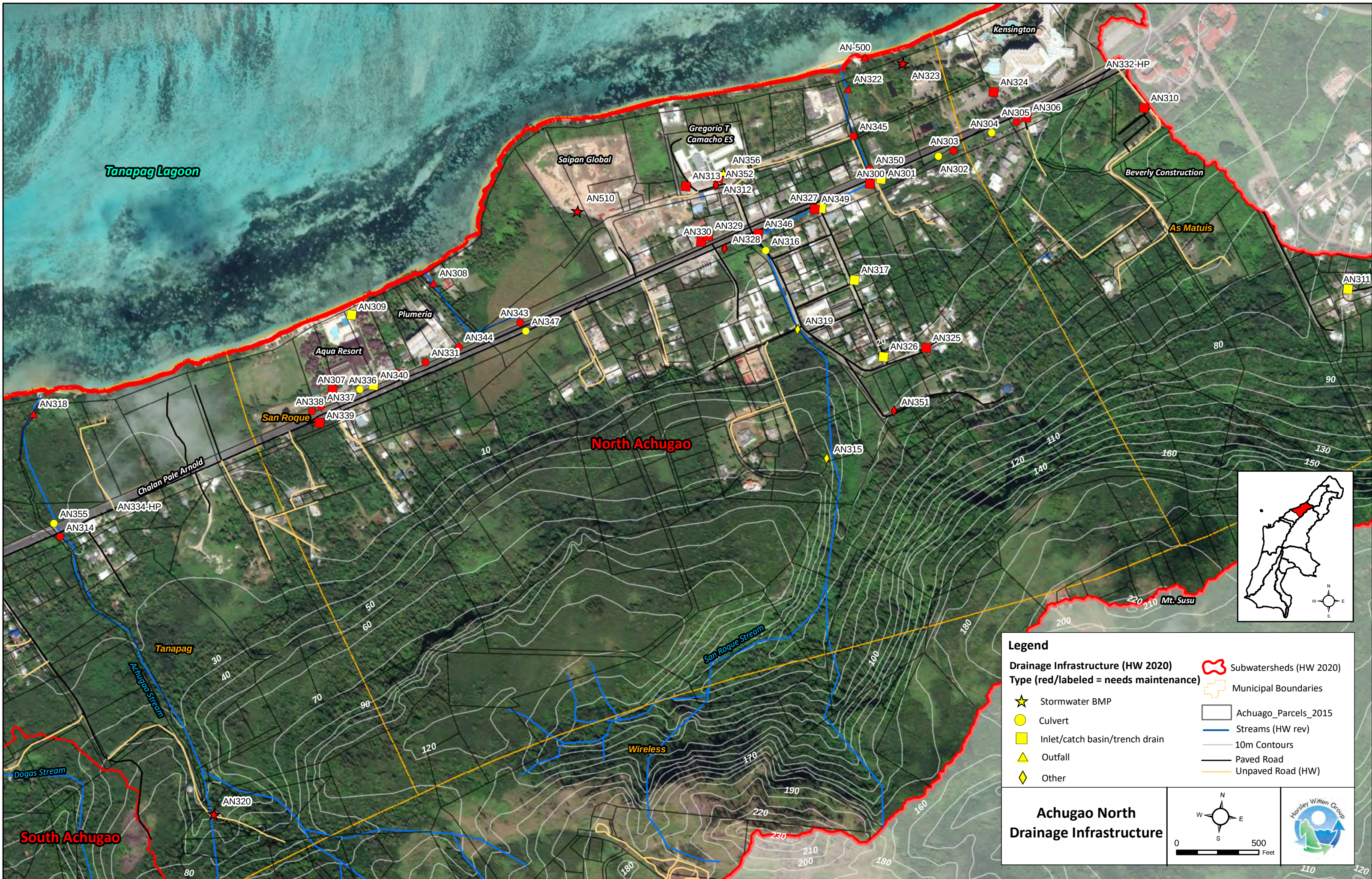
Paved Road

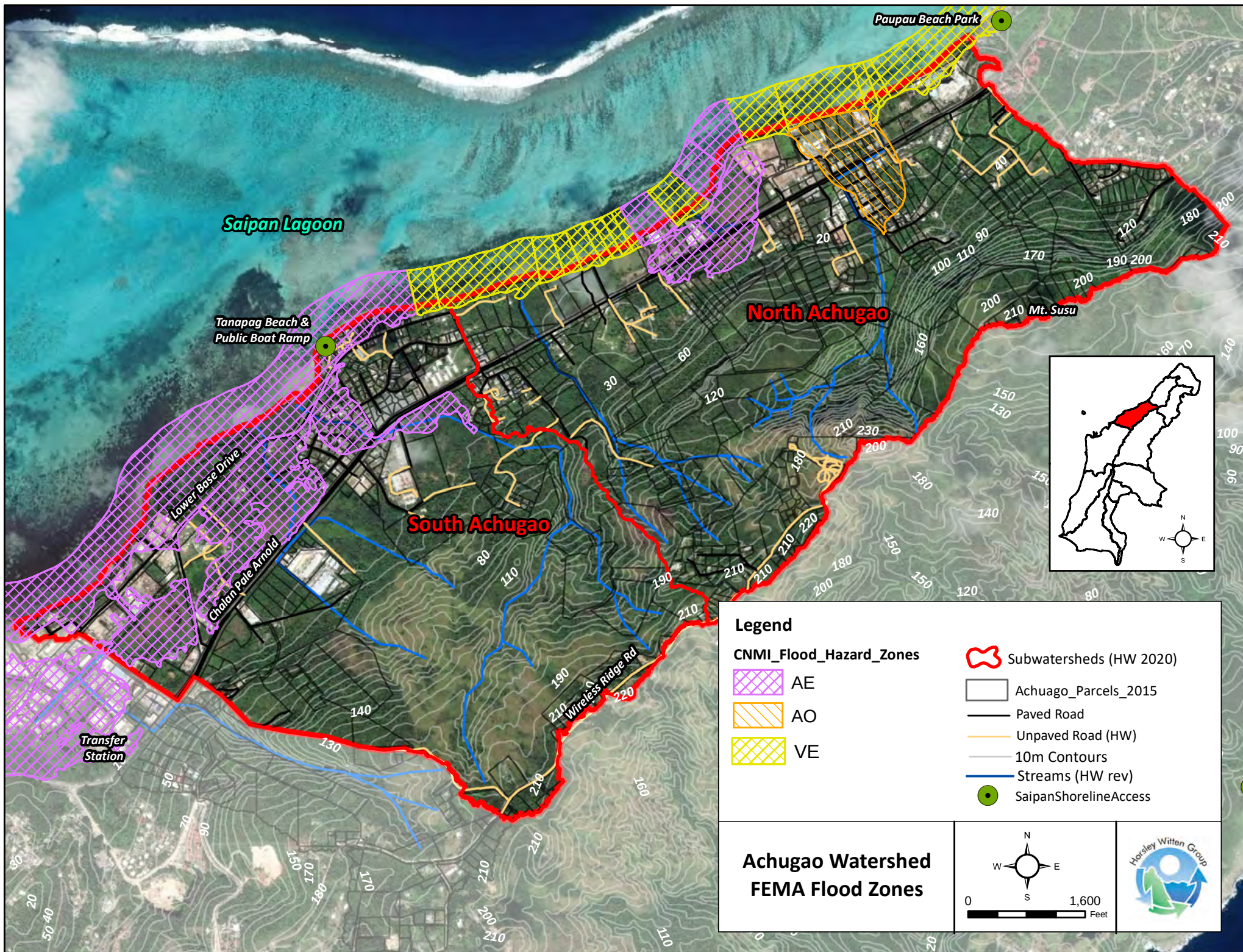
Unpaved Road (HW)

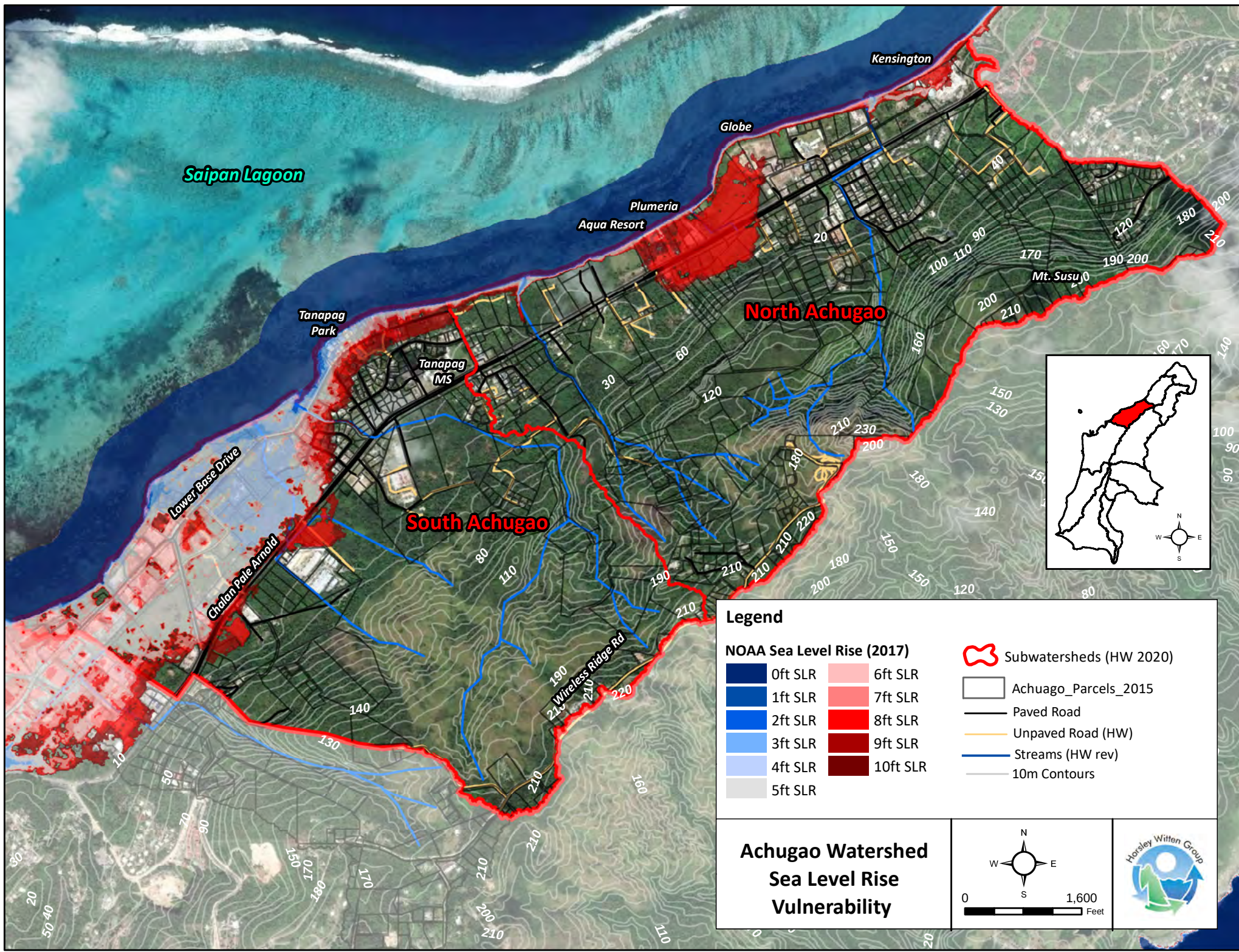
**Achugao South
Drainage Infrastructure**

0 500 170 Feet

Horsley Witten Group







Saipan Lagoon

Kensington

Globe

Plumeria
Aqua Resort

Tanapag
Park

Tanapag
MS

North Achugao

Mt. Susu

South Achugao

Lower Base Drive

Chalan Pole Arnold

Wireless Ridge Rd

Legend

NOAA Sea Level Rise (2017)

0ft SLR	6ft SLR
1ft SLR	7ft SLR
2ft SLR	8ft SLR
3ft SLR	9ft SLR
4ft SLR	10ft SLR
5ft SLR	

 Subwatersheds (HW 2020)

 Achugao_Parcels_2015

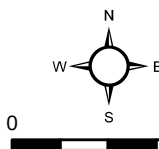
 Paved Road

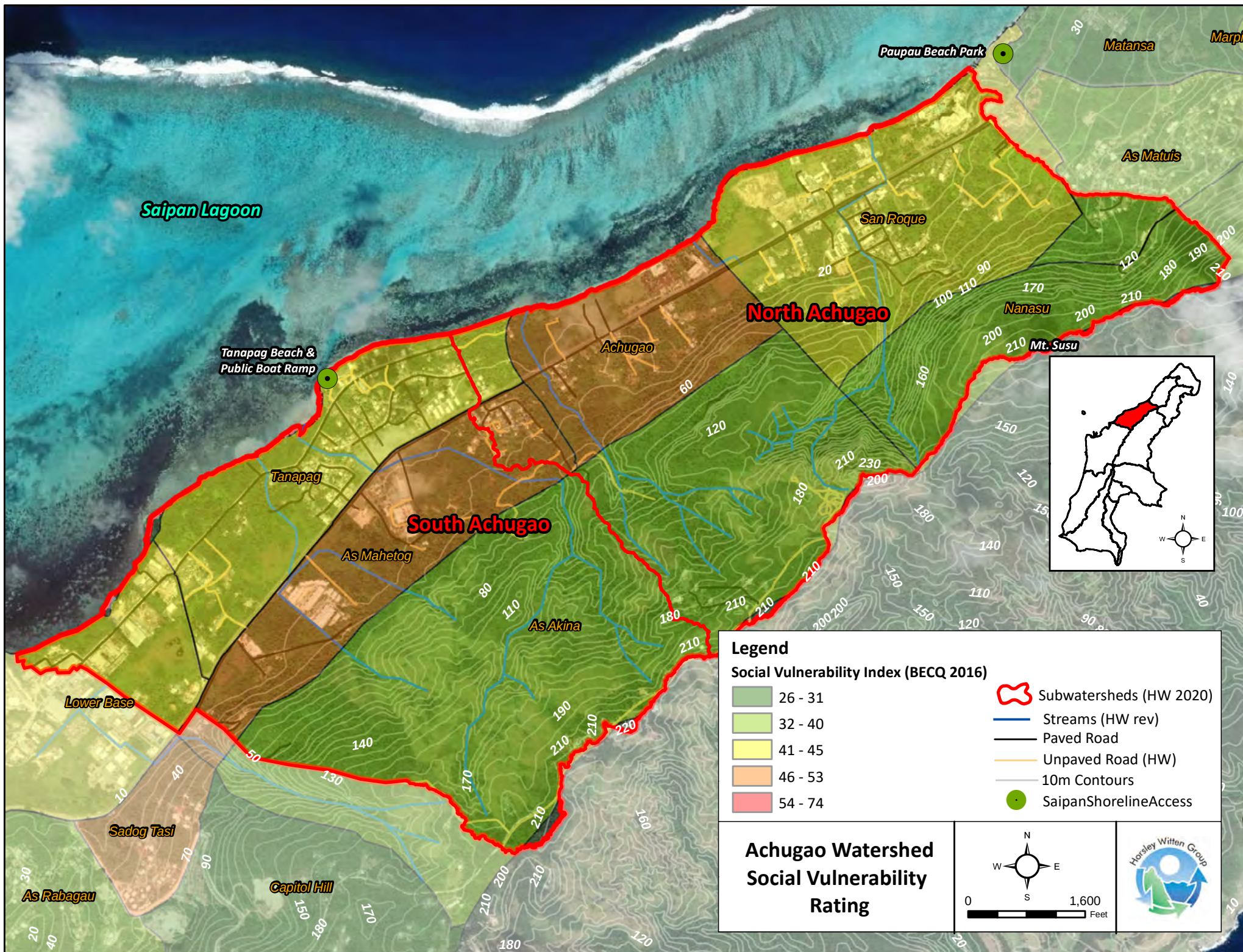
 Unpaved Road (HW)

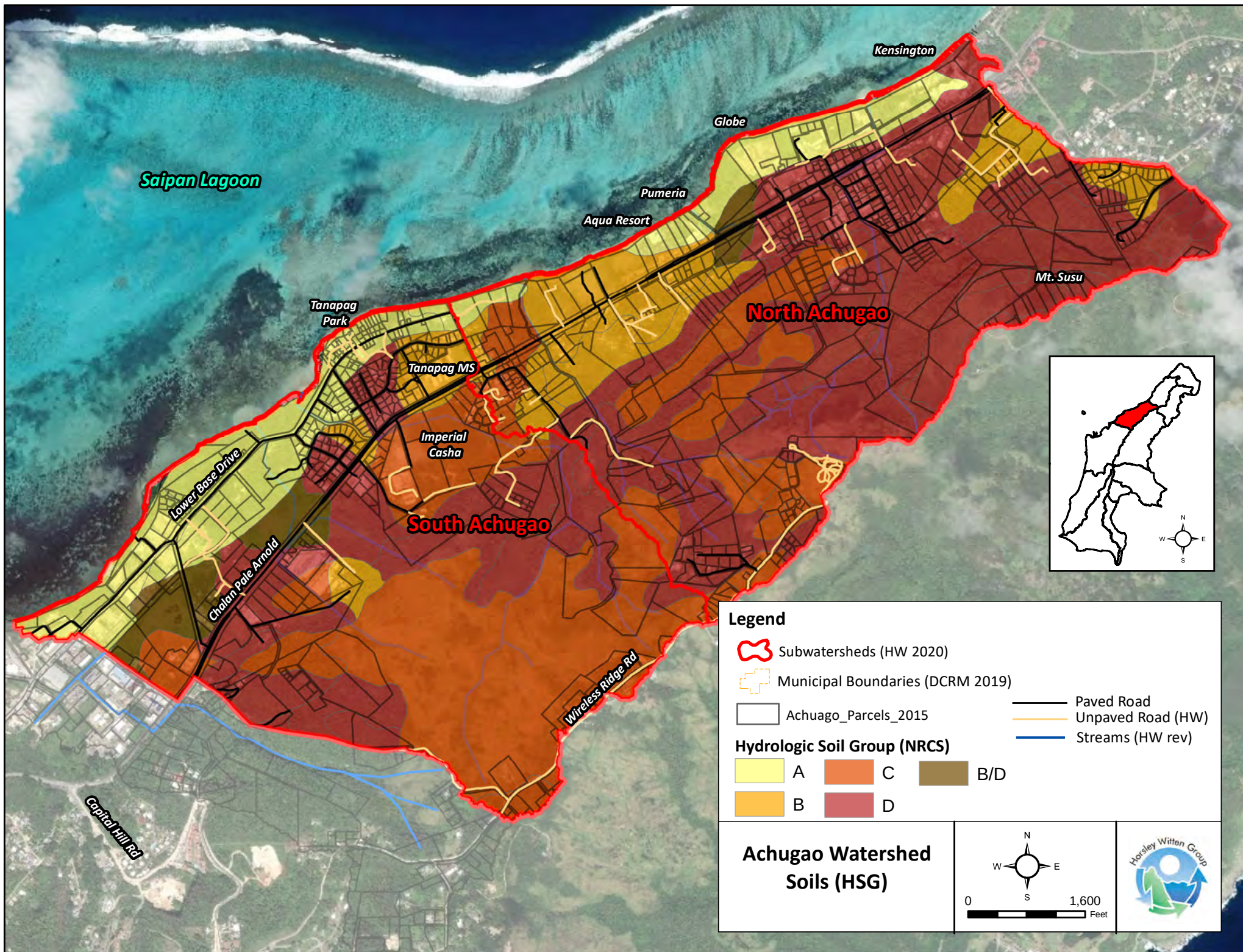
 Streams (HW rev)

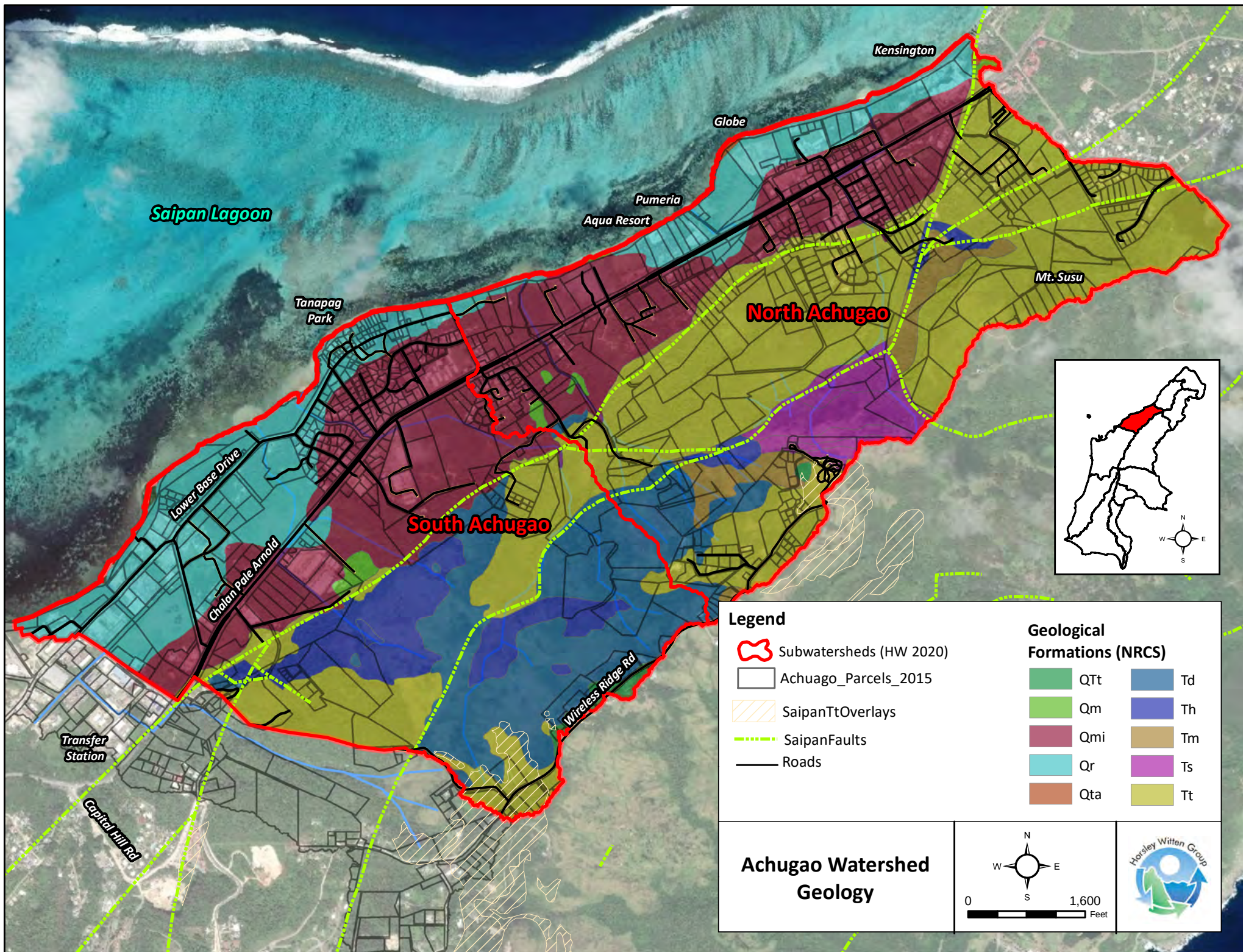
 10m Contours

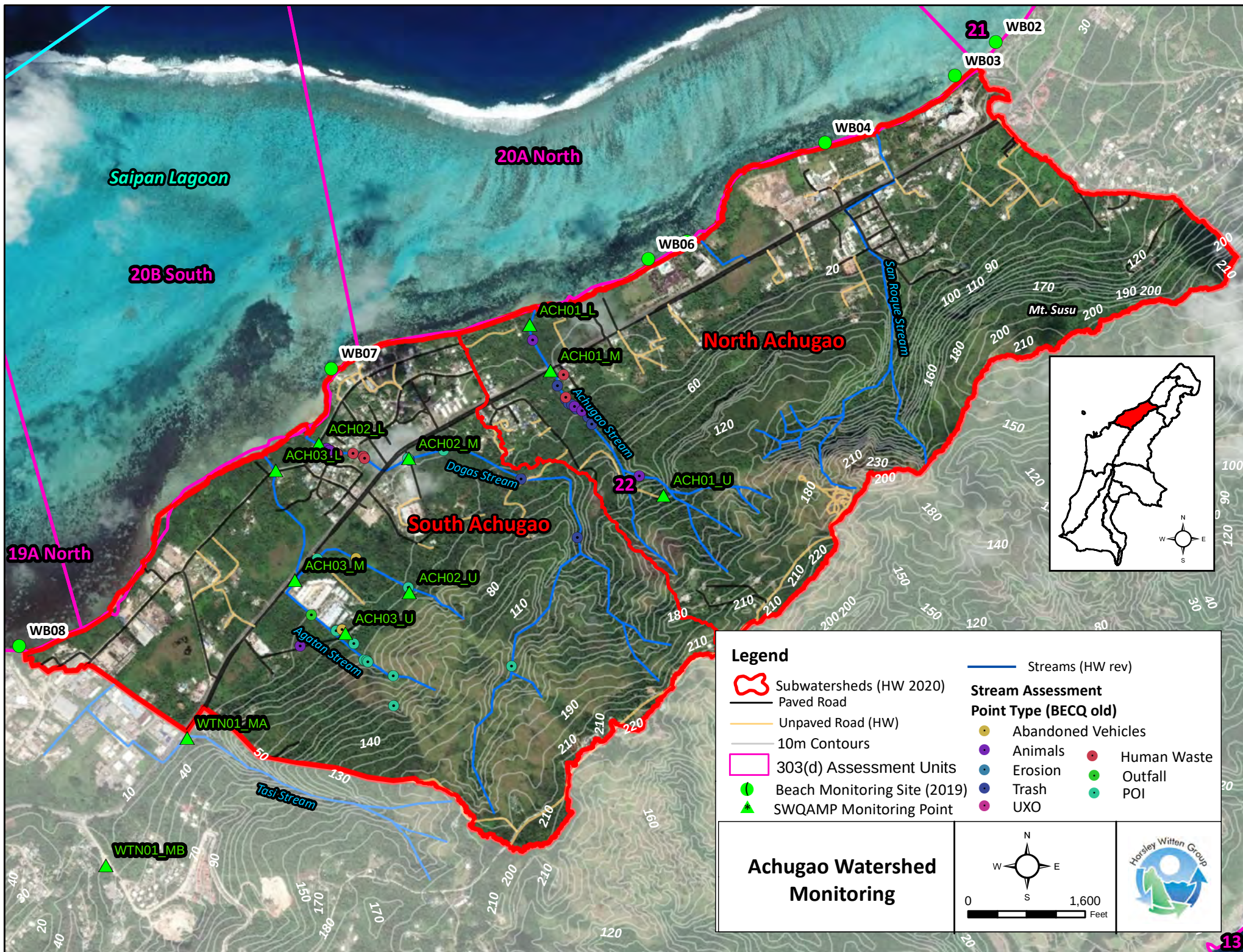
**Achugao Watershed
Sea Level Rise
Vulnerability**

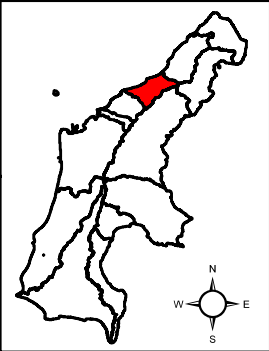
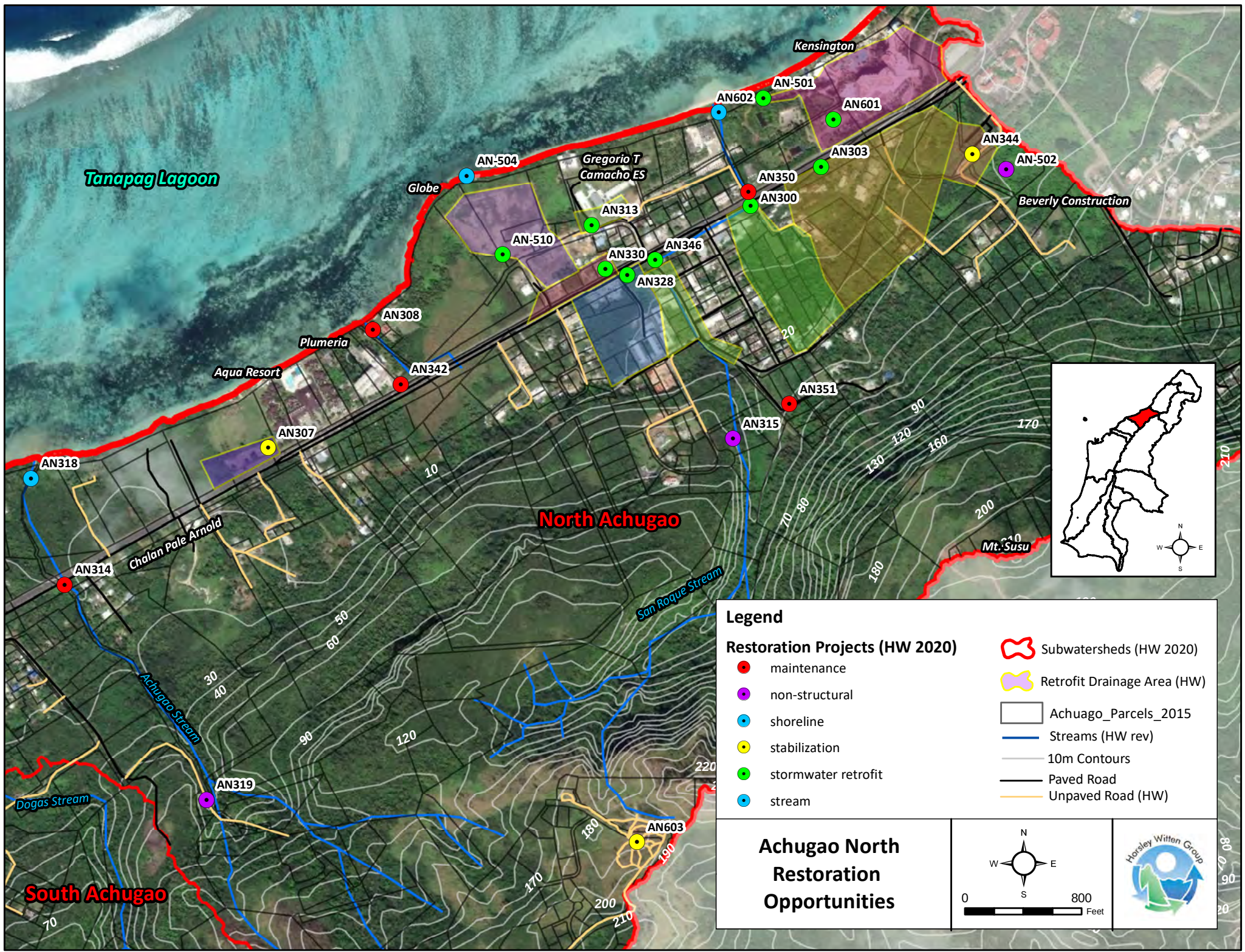












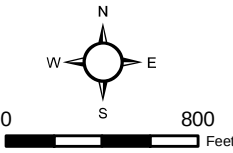
Legend

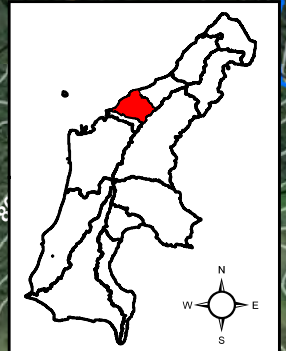
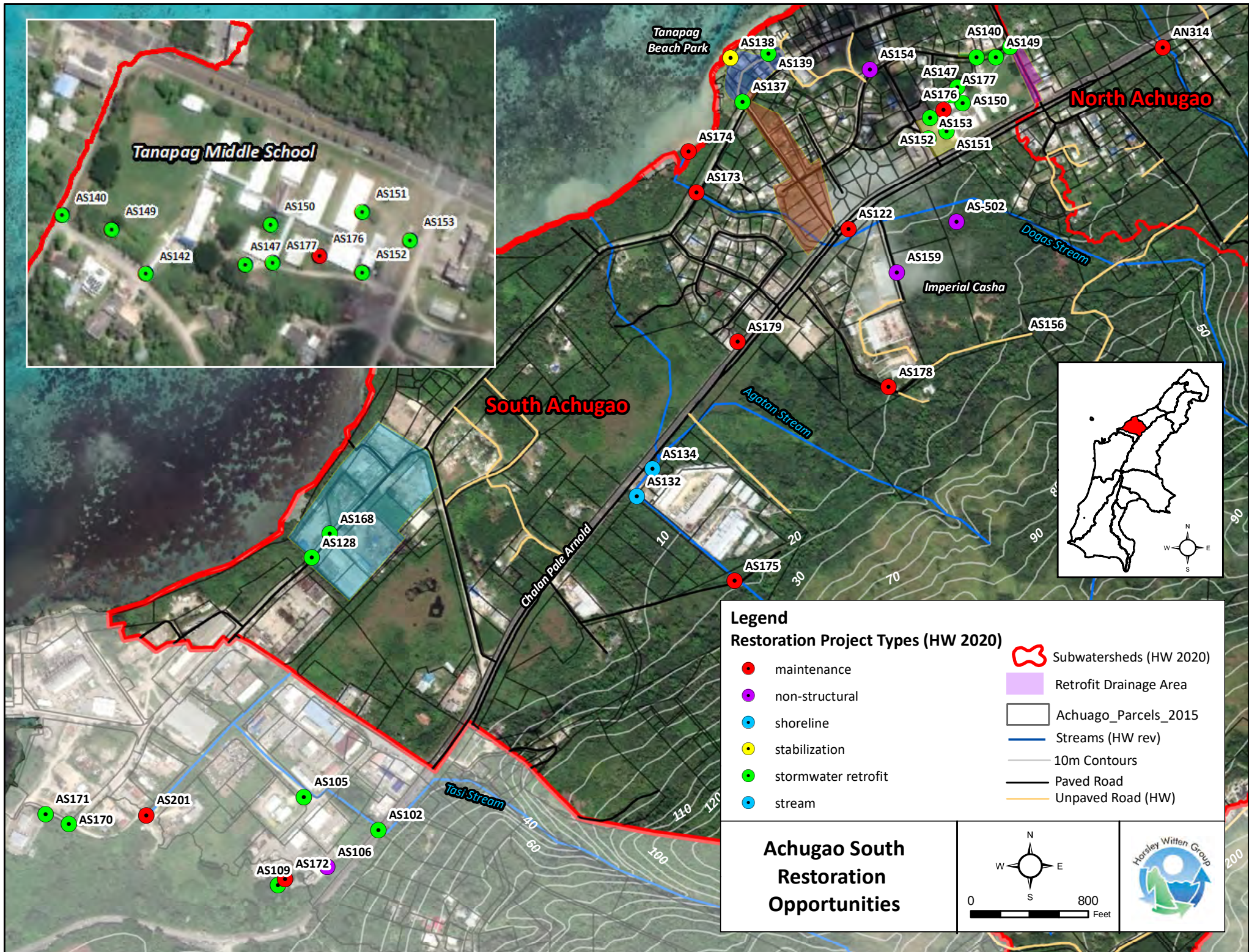
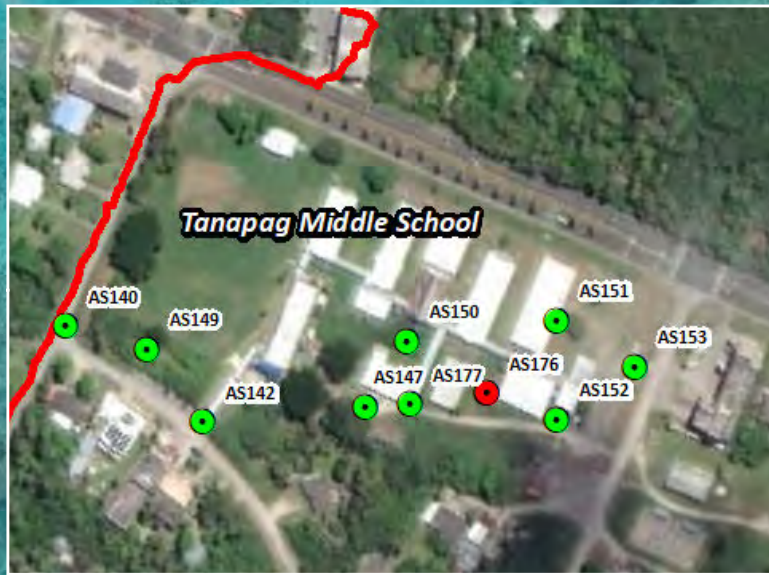
Restoration Projects (HW 2020)

- maintenance
- non-structural
- shoreline
- stabilization
- stormwater retrofit
- stream

- Subwatersheds (HW 2020)
- Retrofit Drainage Area (HW)
- Achuago_Parcels_2015
- Streams (HW rev)
- 10m Contours
- Paved Road
- Unpaved Road (HW)

Achugao North Restoration Opportunities





Legend

Restoration Project Types (HW 2020)

- maintenance
- non-structural
- shoreline
- stabilization
- stormwater retrofit
- stream

- Subwatersheds (HW 2020)
- Retrofit Drainage Area
- Achugao_Parcels_2015
- Streams (HW rev)
- 10m Contours
- Paved Road
- Unpaved Road (HW)

Achugao South Restoration Opportunities

0 800 Feet

Horsley Witten Group

