

US EPA ARCHIVE DOCUMENT

**301(h)-Modified
NPDES Permit Reissuance
Questionnaire for Small Dischargers**

Attachment A: Figures and Maps

**UTULEI WASTEWATER
TREATMENT PLANT**

NPDES Permit No. AS0020001

Submitted By

AMERICAN SAMOA POWER AUTHORITY

**May 1, 2006
Revised March 1, 2008**

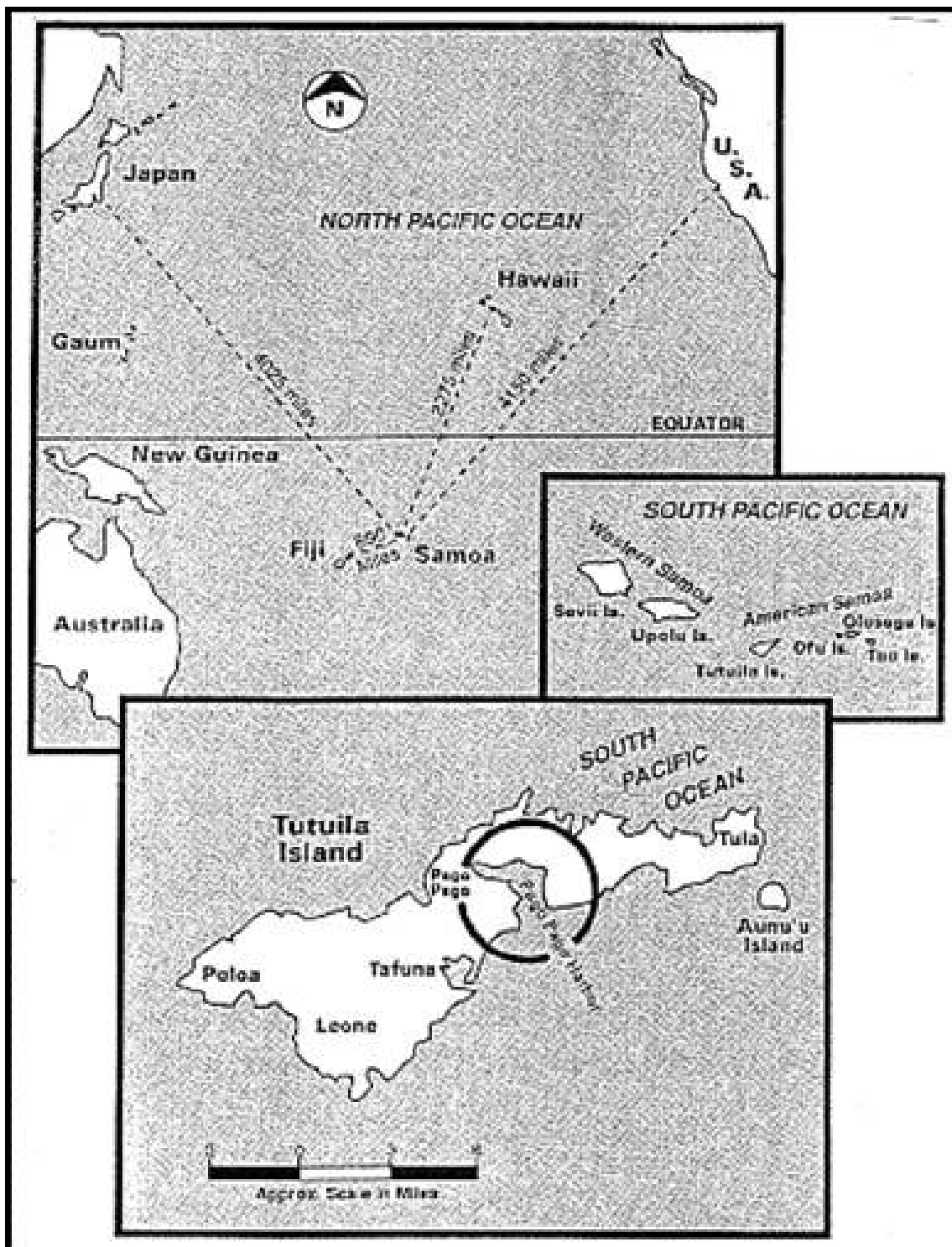


Figure 1. Location of American Samoa, Tutuila Island, and Pago Pago Harbor

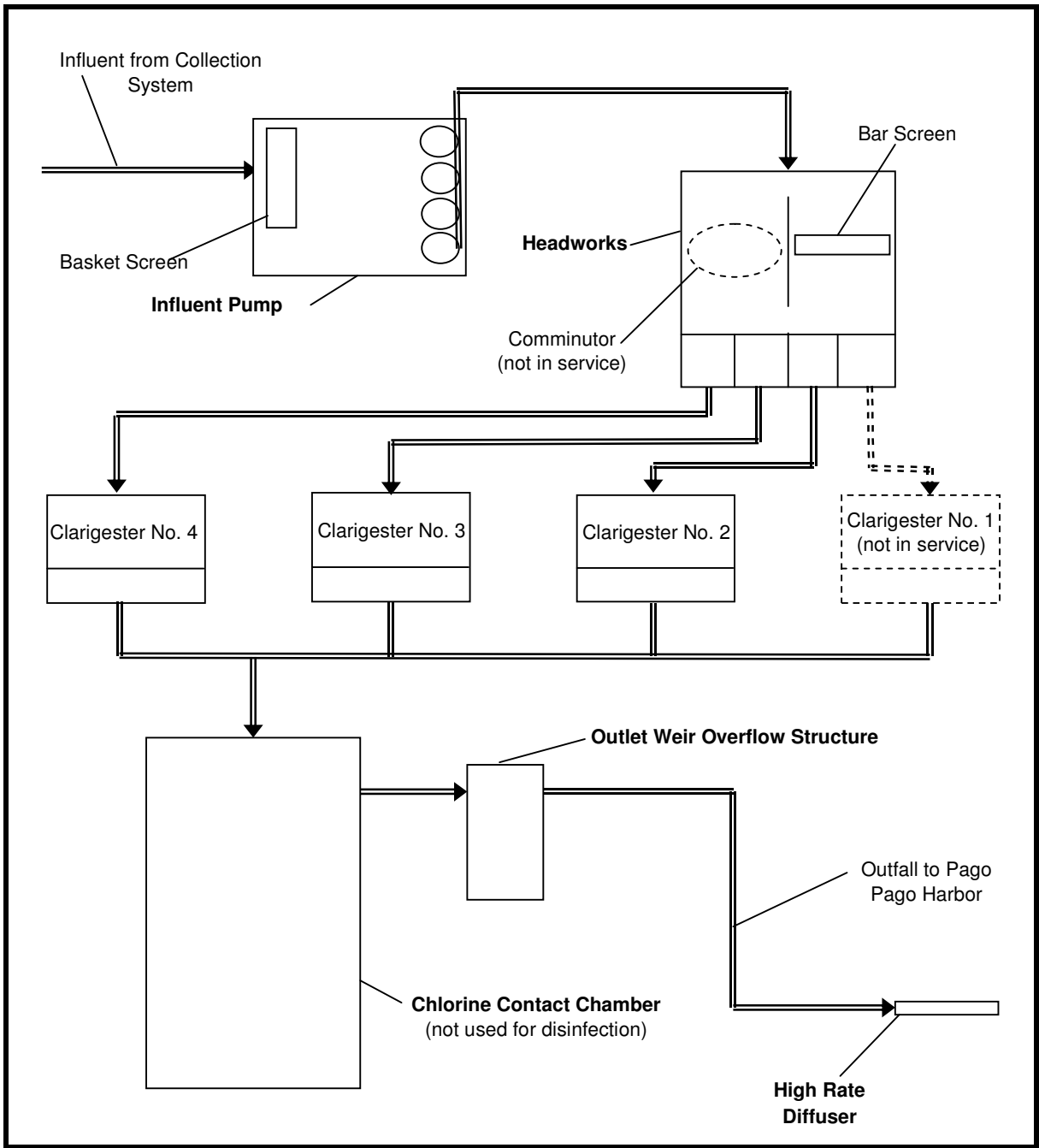


Figure 2. Utulei WWTP Treatment System



Figure 3. Location of Utulei WWTP Outfall in Pago Pago Harbor

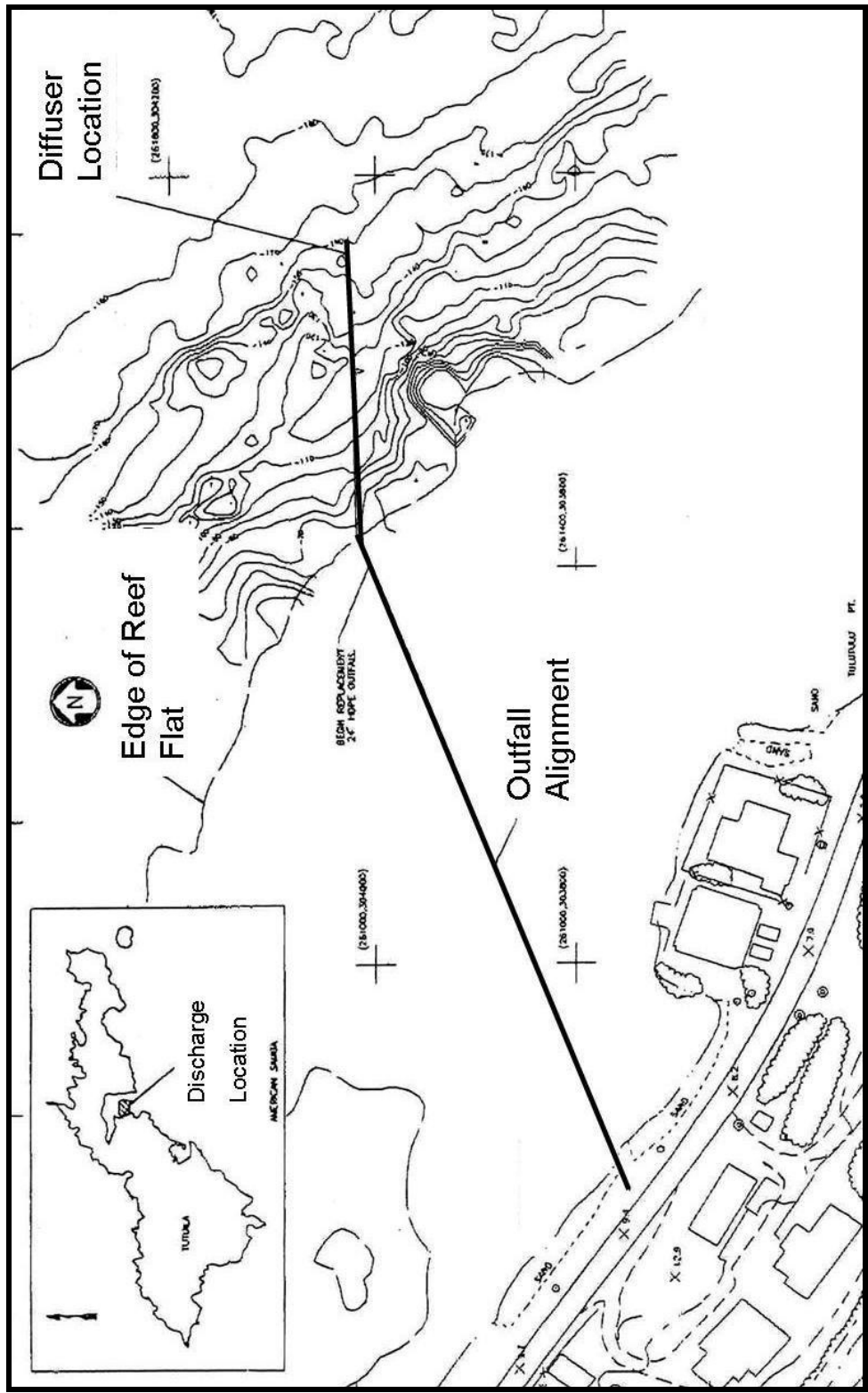


Figure 4. Detail of Diffuser Utulei WWTP Outfall Diffuser Location

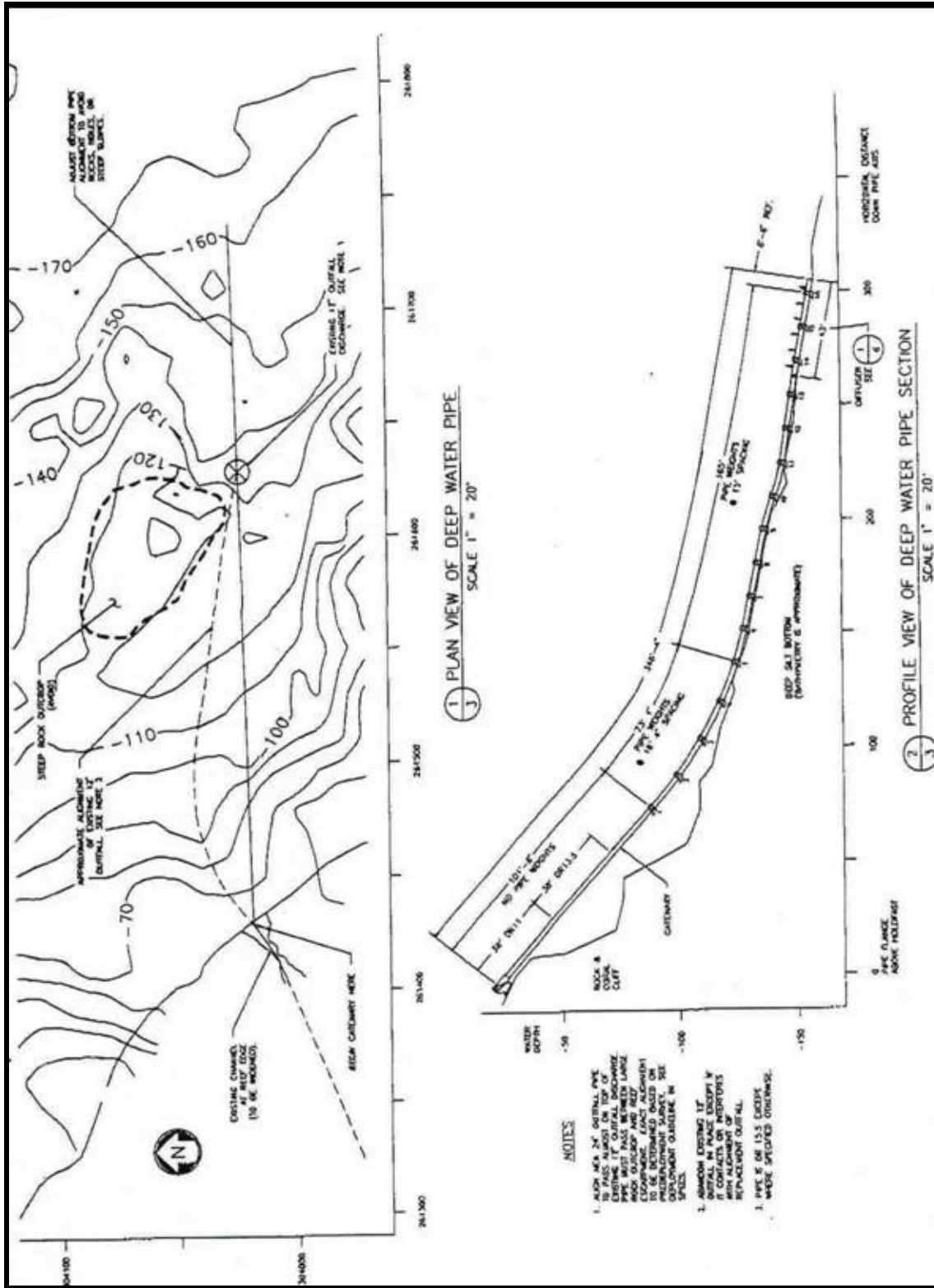


Figure 5. Schematic of Diffuser Installation

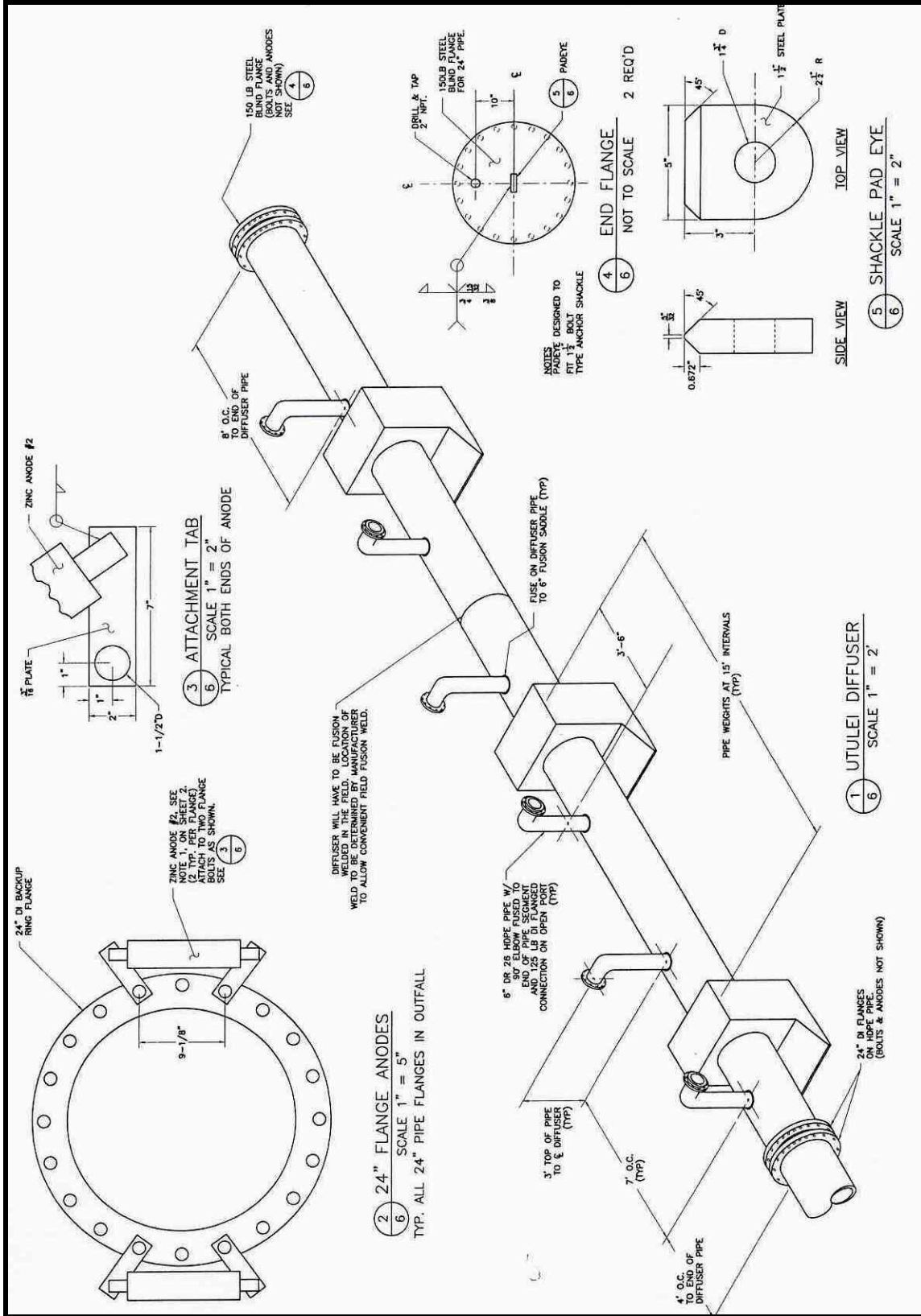


Figure 6. Utulei Diffuser Details

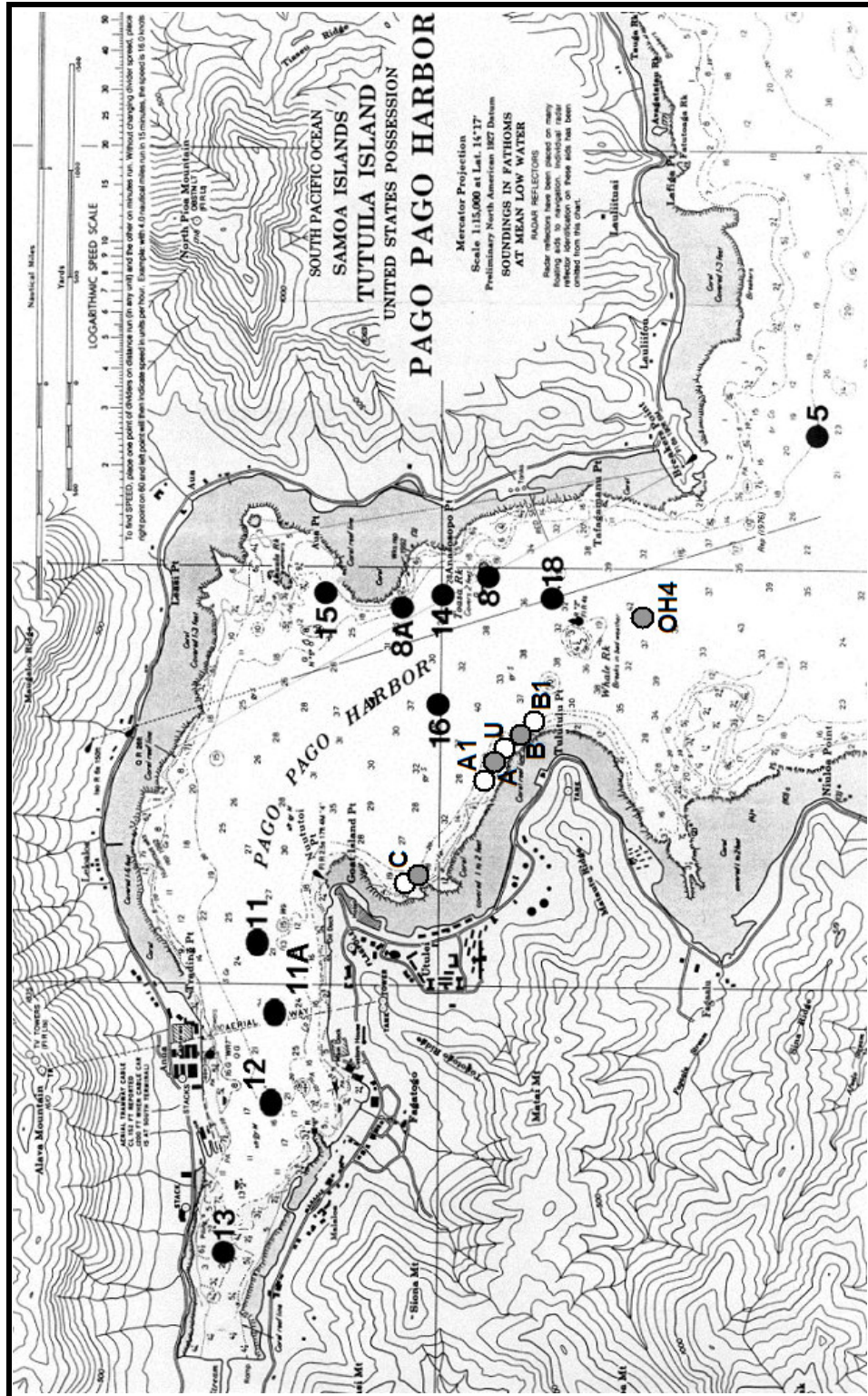


Figure 7. Receiving Water Sampling Locations:
 Stations A1, B1, C, U, 5, 16, and 18 are sampled for water quality
 (Stations A, C, and OH-4 were sampled for sediment quality)
 Other Stations are sampled for monitoring for the Joint Cannery Outfall

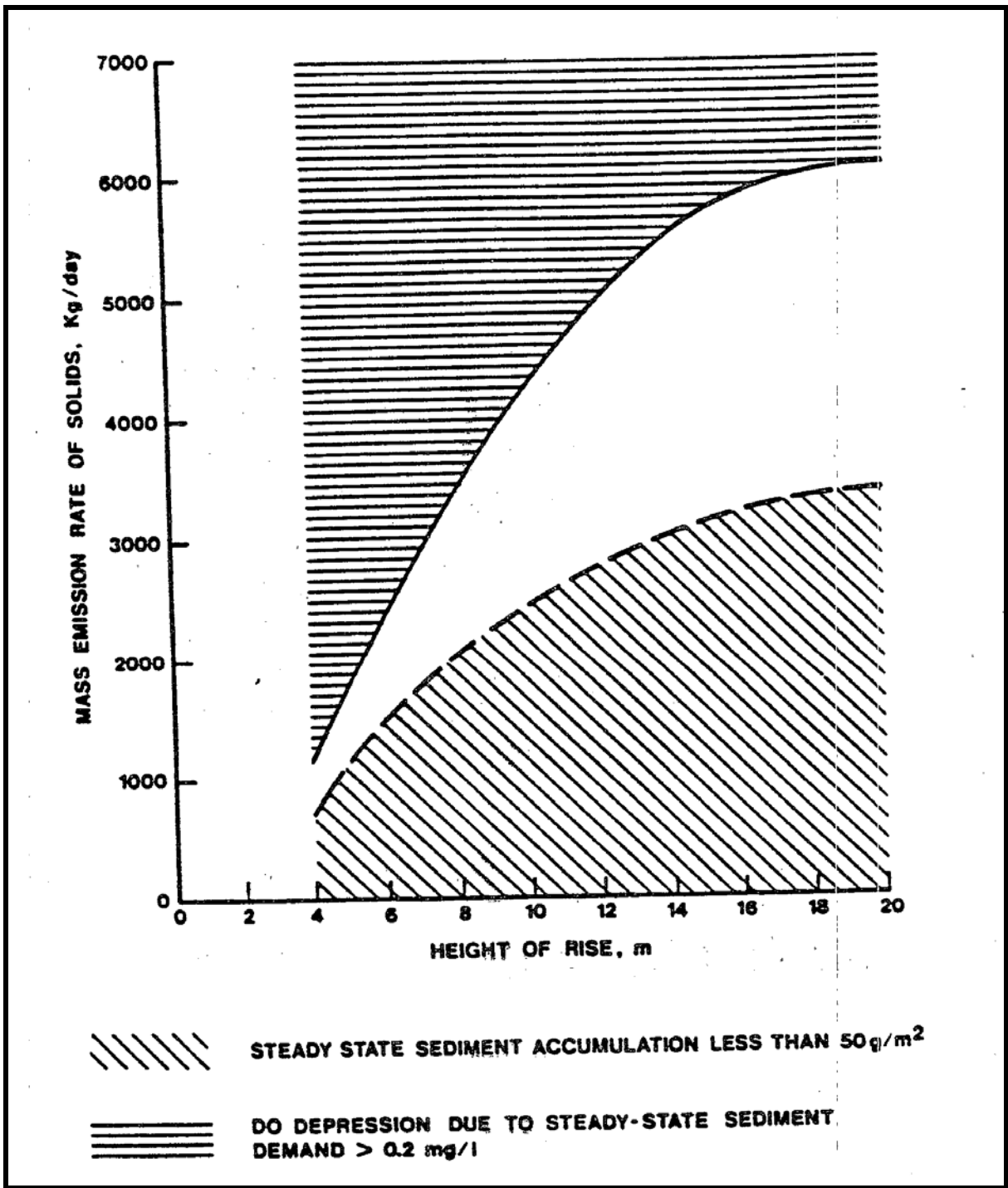


Figure 8. Relationship between suspended solids mass loading, plume rise height, sediment accumulation, and dissolved oxygen depression for open costal areas (from 301(h) TSD).