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

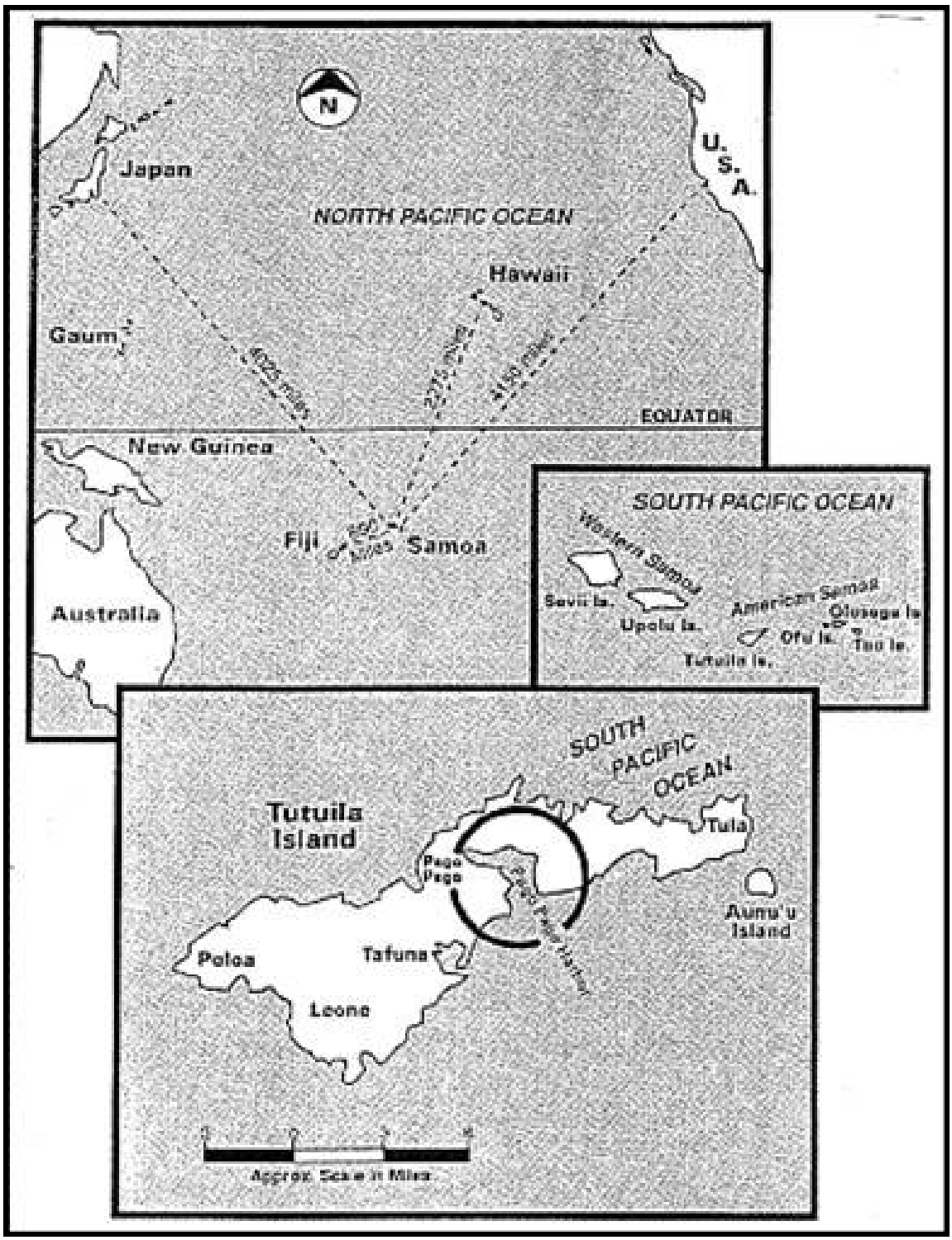

Figure 1. Location of American Samoa, Tutuila Island, and Pago Pago Harbor

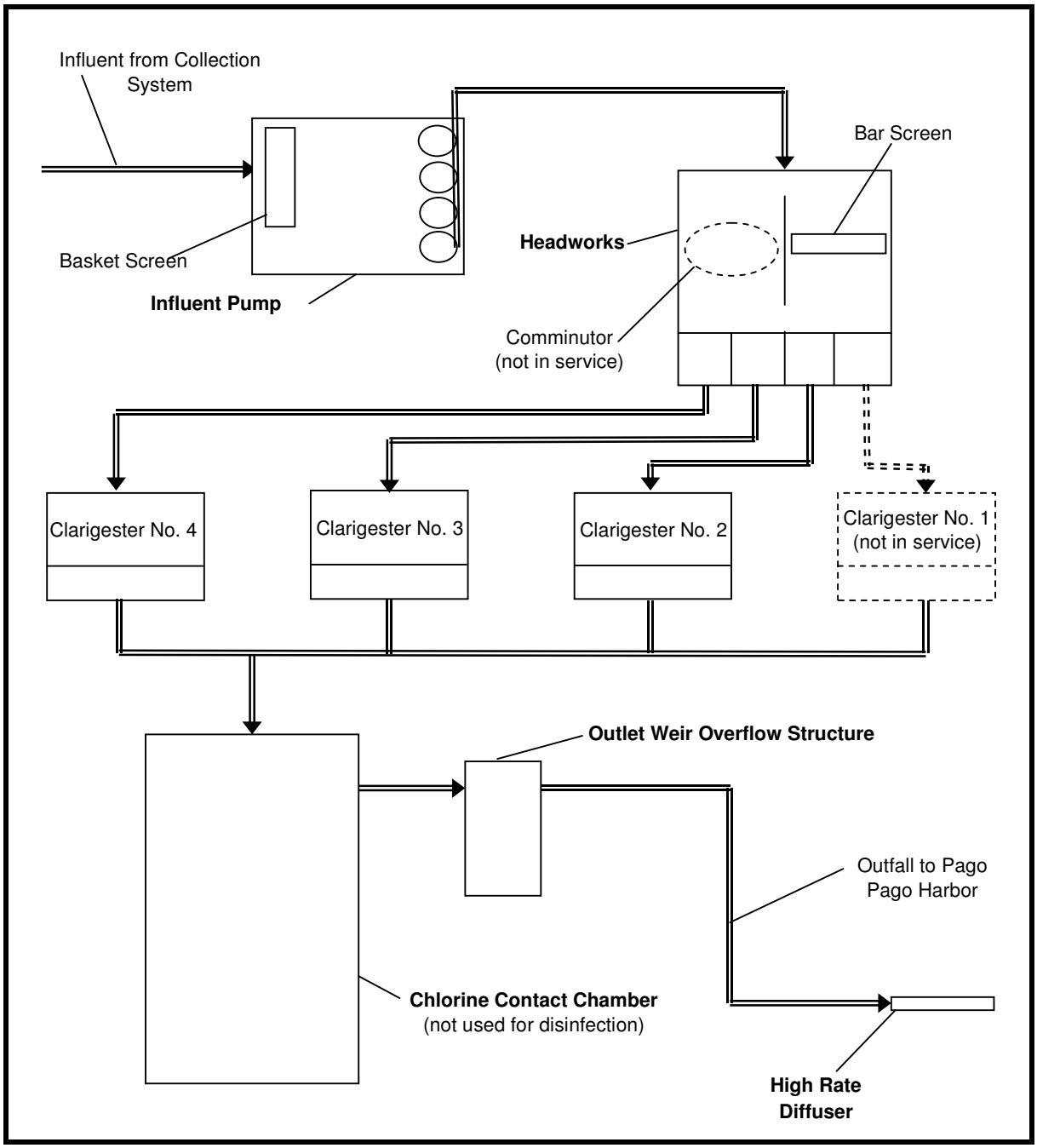

Figure 2. Utulei WWTP Treatment System

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

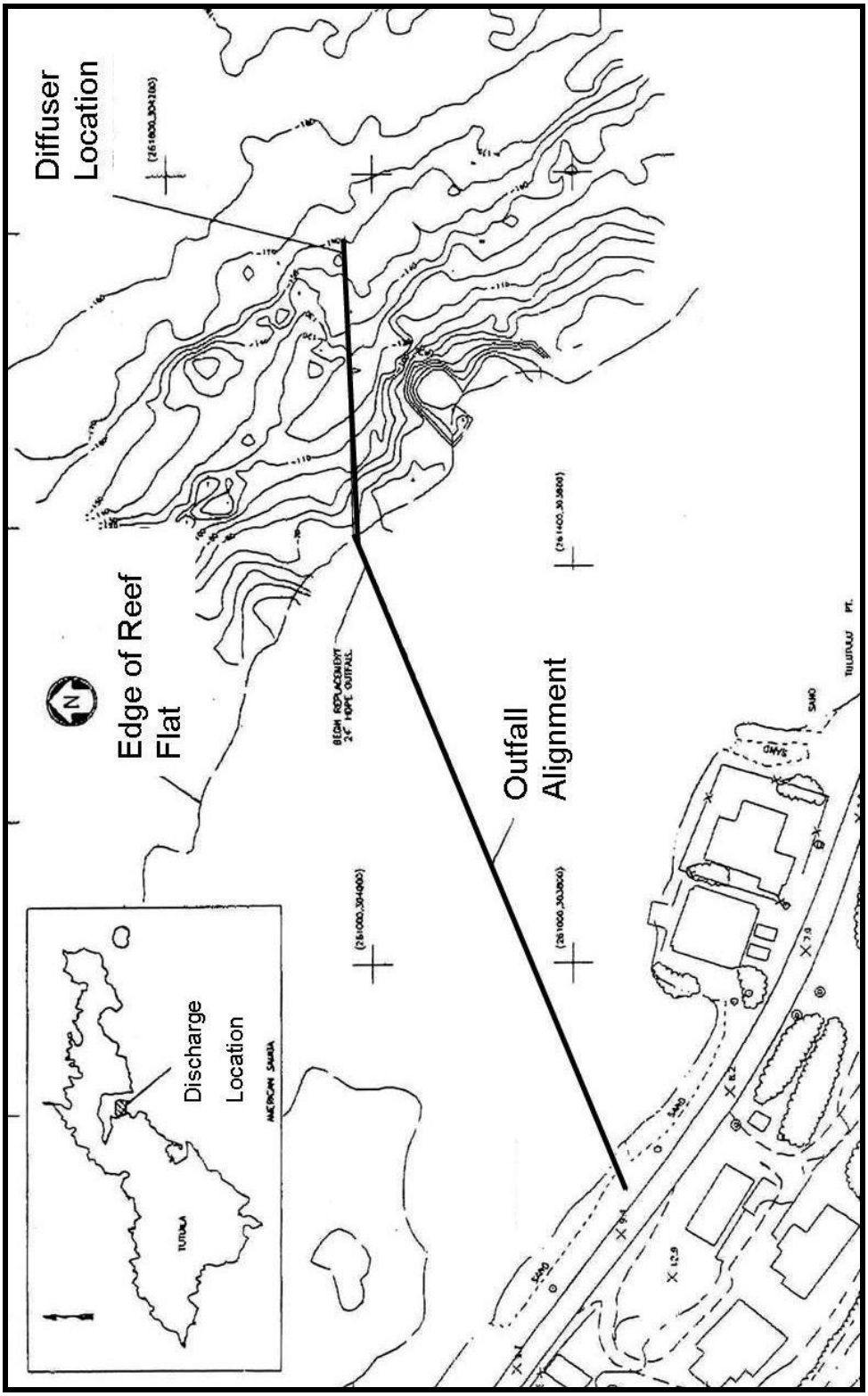

Figure 4. Detail of Diffuser Utulei WWTP Outfall Diffuser Location

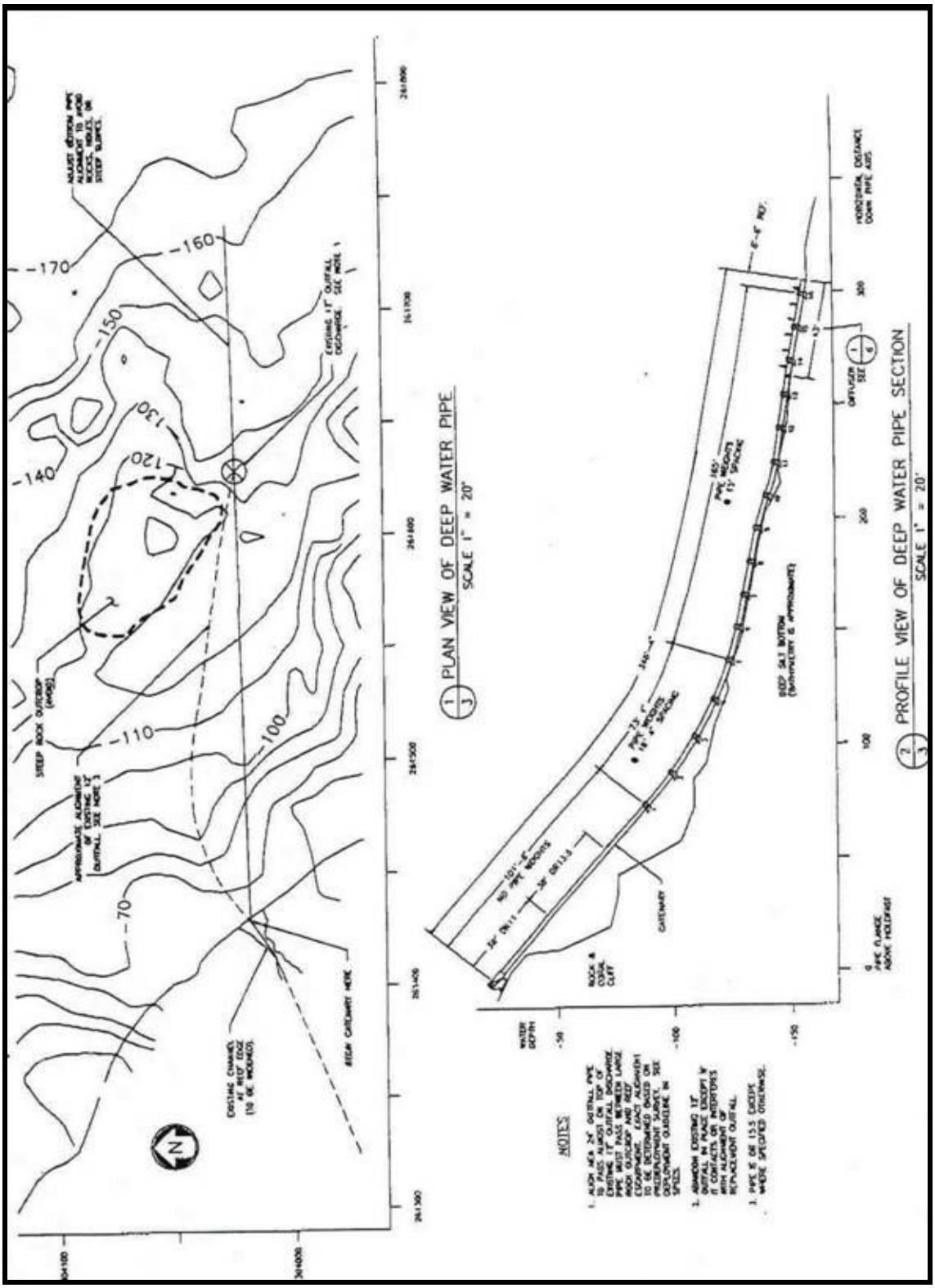

Figure 5. Schematic of Diffuser Installation

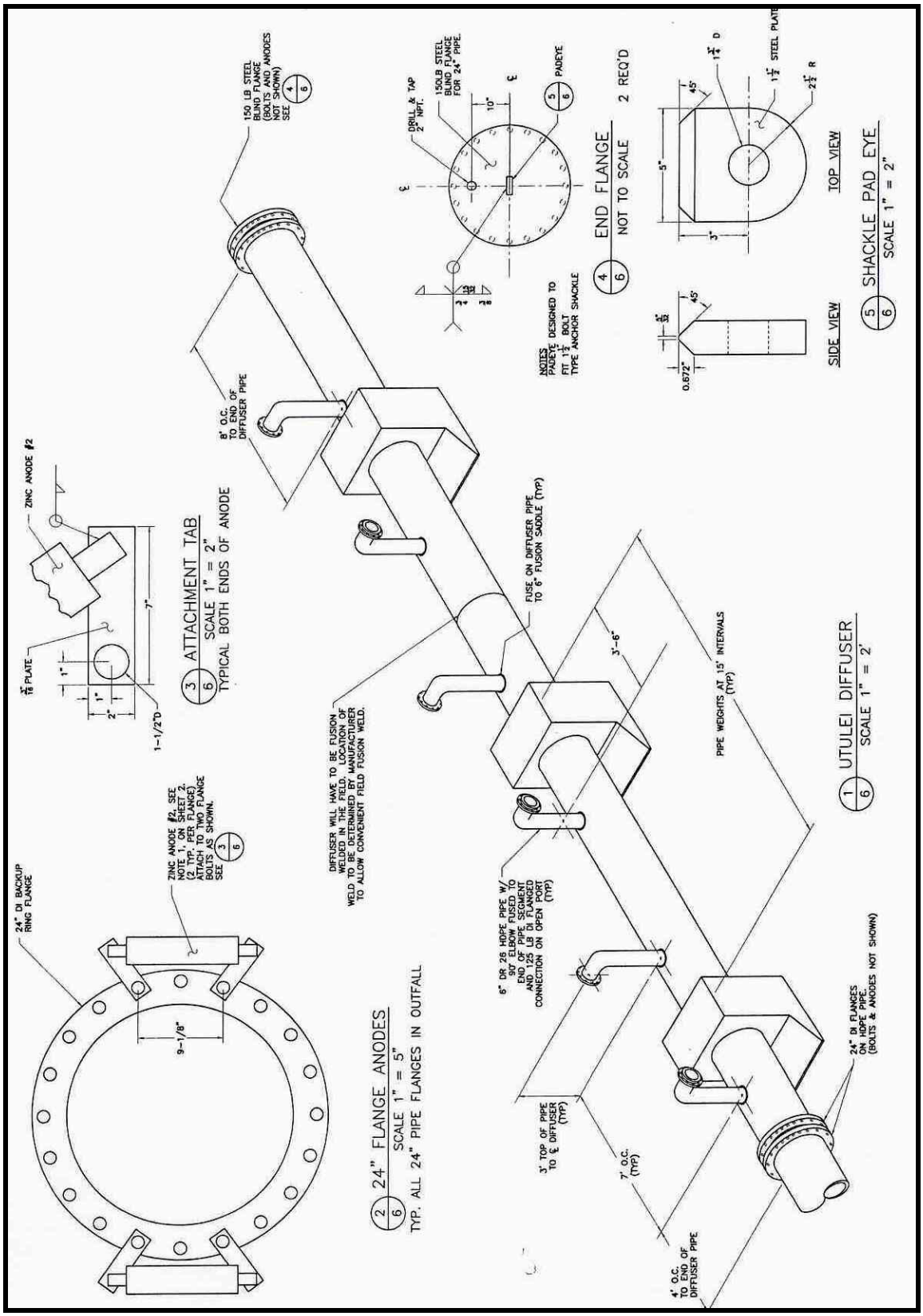

Figure 6. Utulei Diffuser Details

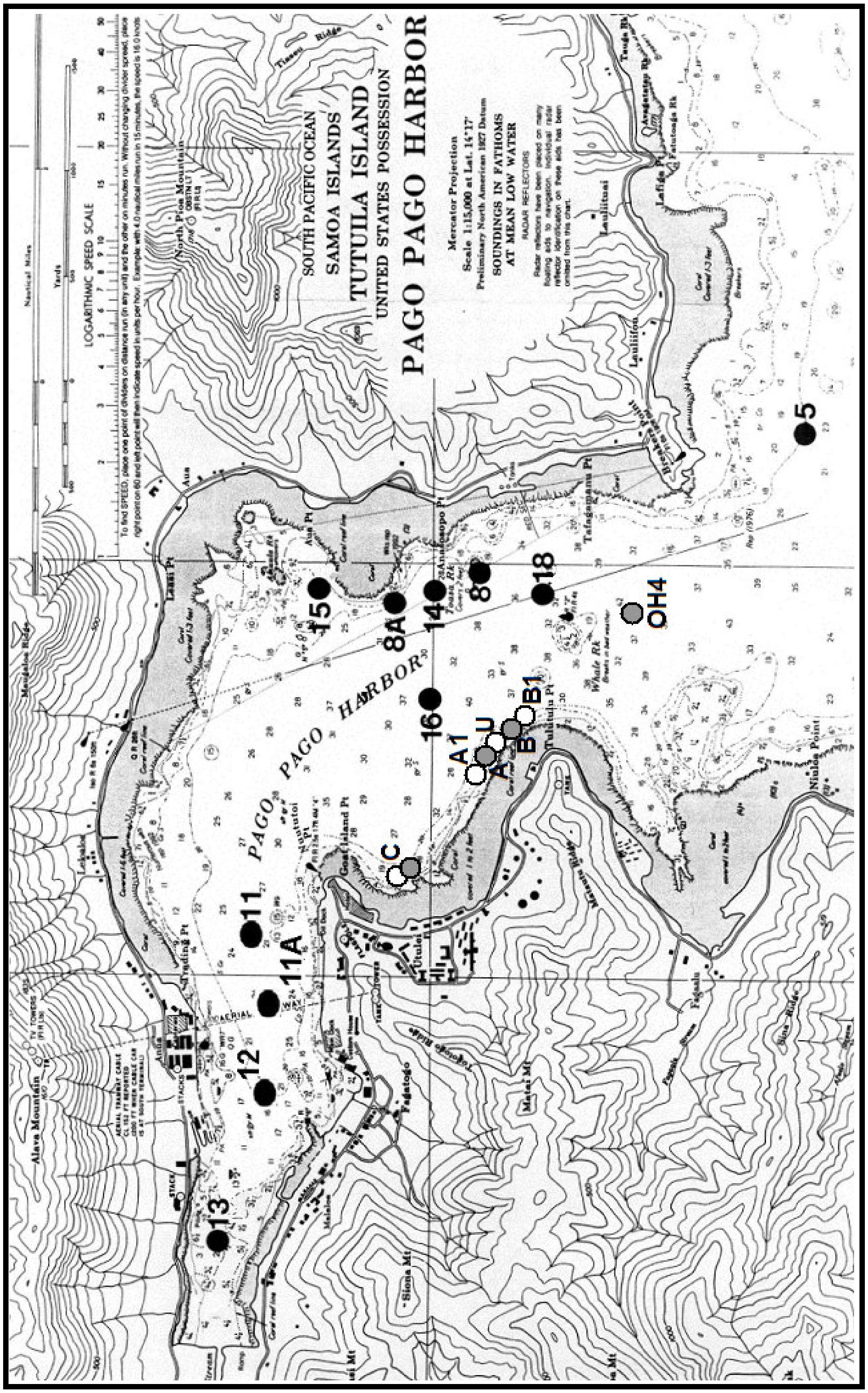

Figure 7. Receiving Water Sampling Locations:
Stations A1, B1, C, U, 5, 16, and 18 are sampled for water quality
Stations A, C, and OH-4 were sampled for sediment quality)
Other Stations are sampled for monitoring for the Joint Cannery Outfall

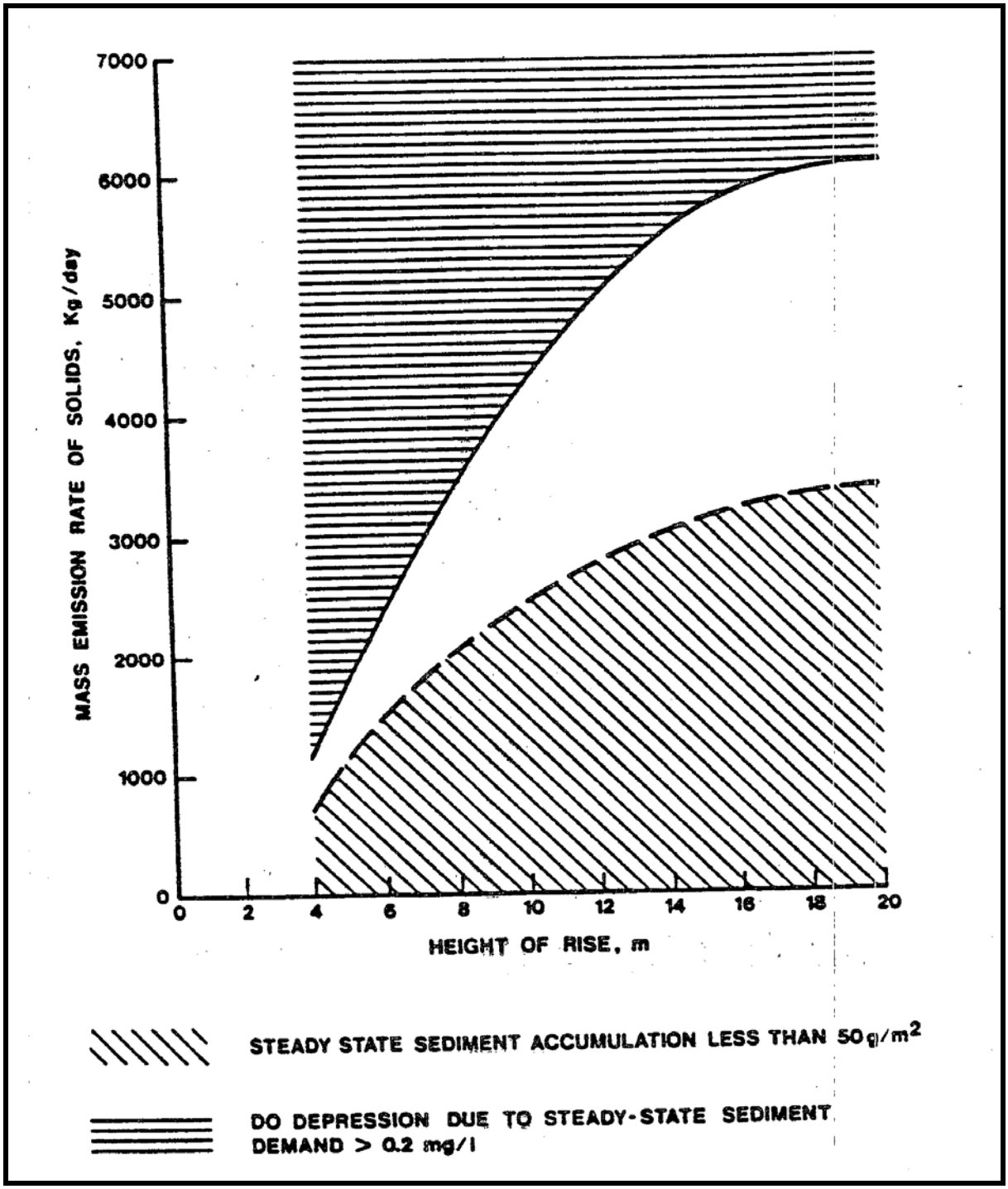

Figure 8. Relationship between suspended solids mass loading, plume rise height, sediment accumulation, and dissolved oxygen depression for open costal areas (from 301(h) TSD).