

**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**

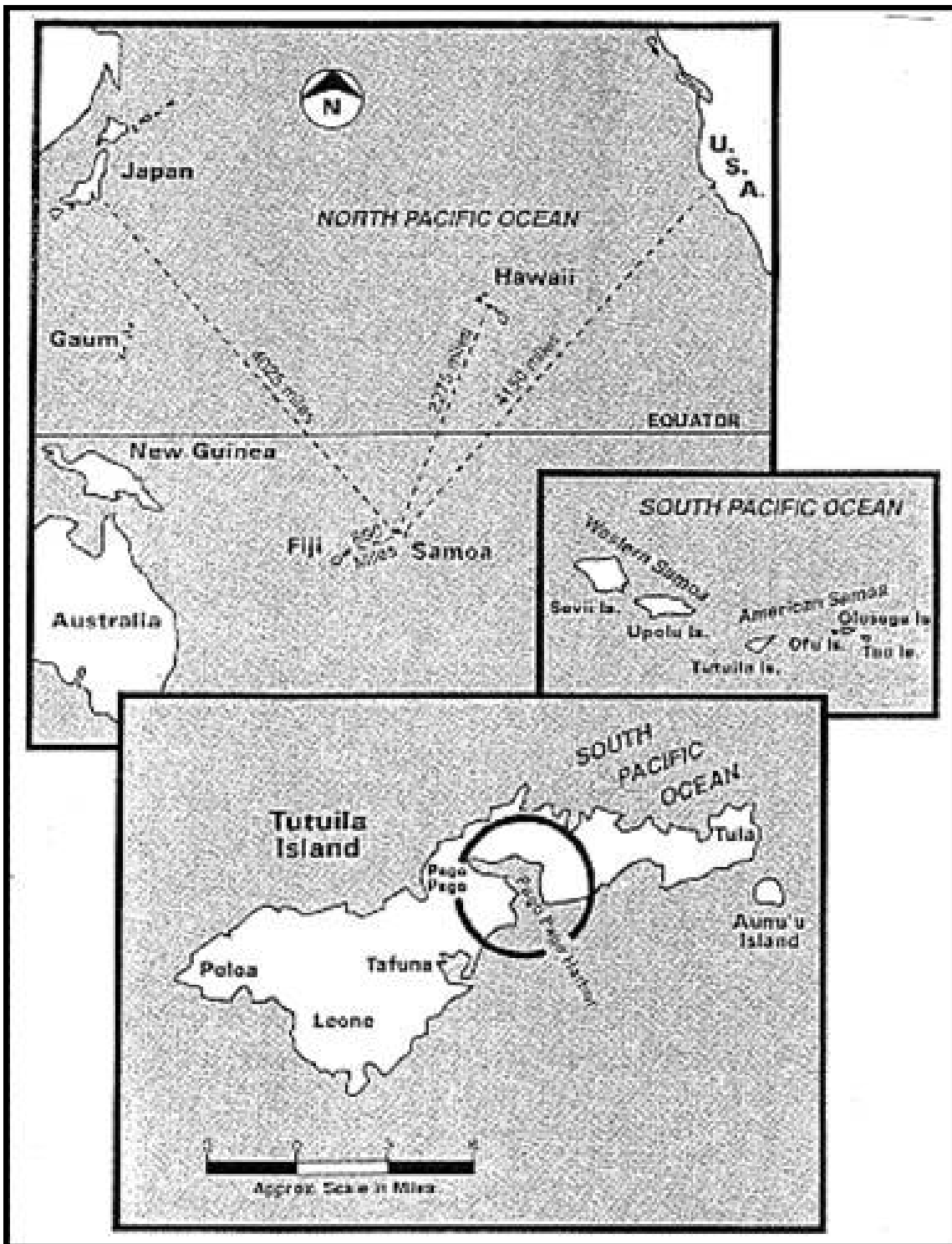


Figure 1. Location of American Samoa, Tutuila Island, and Pago Pago Harbor

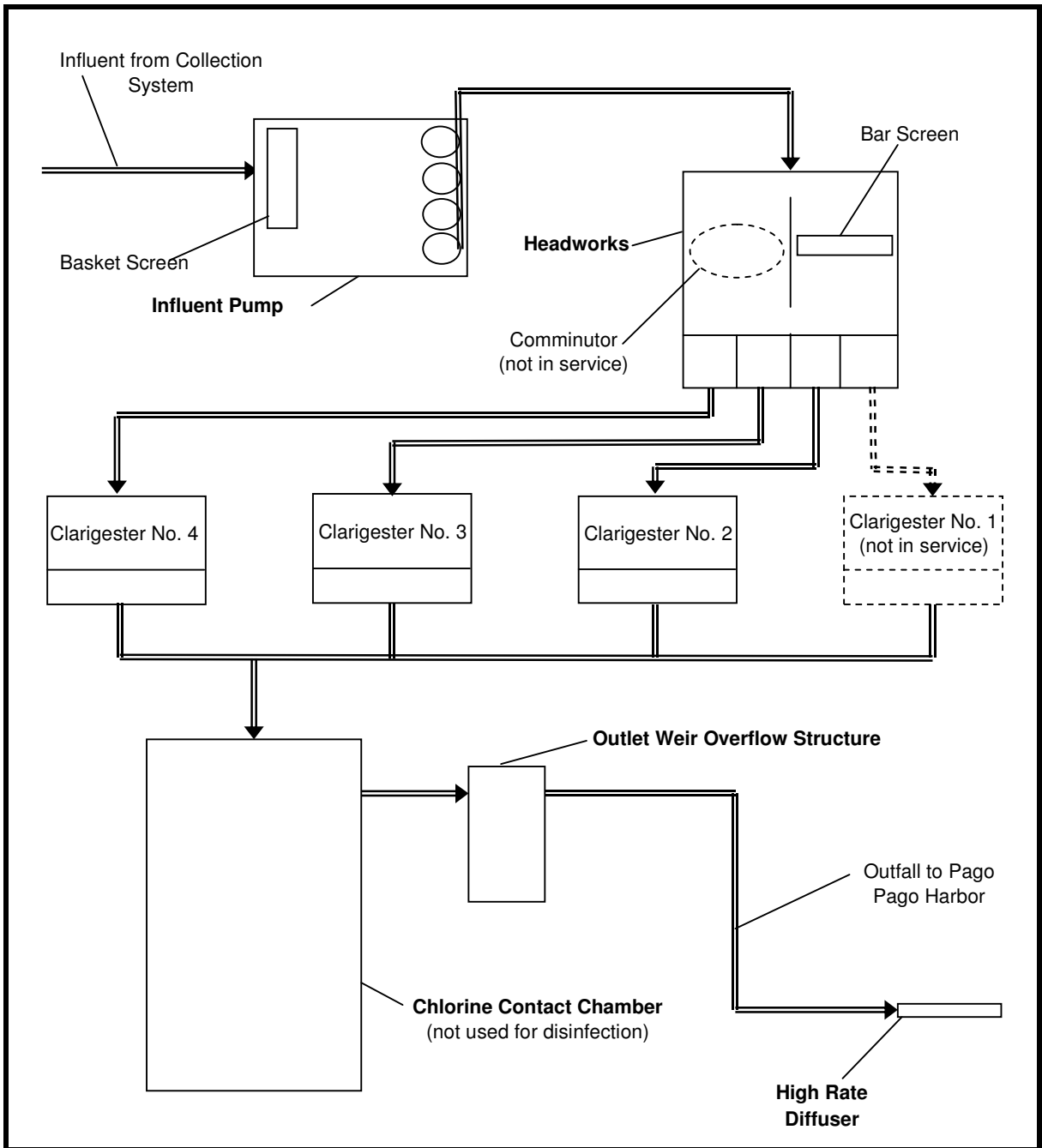


Figure 2. Utulei WWTreatment System



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

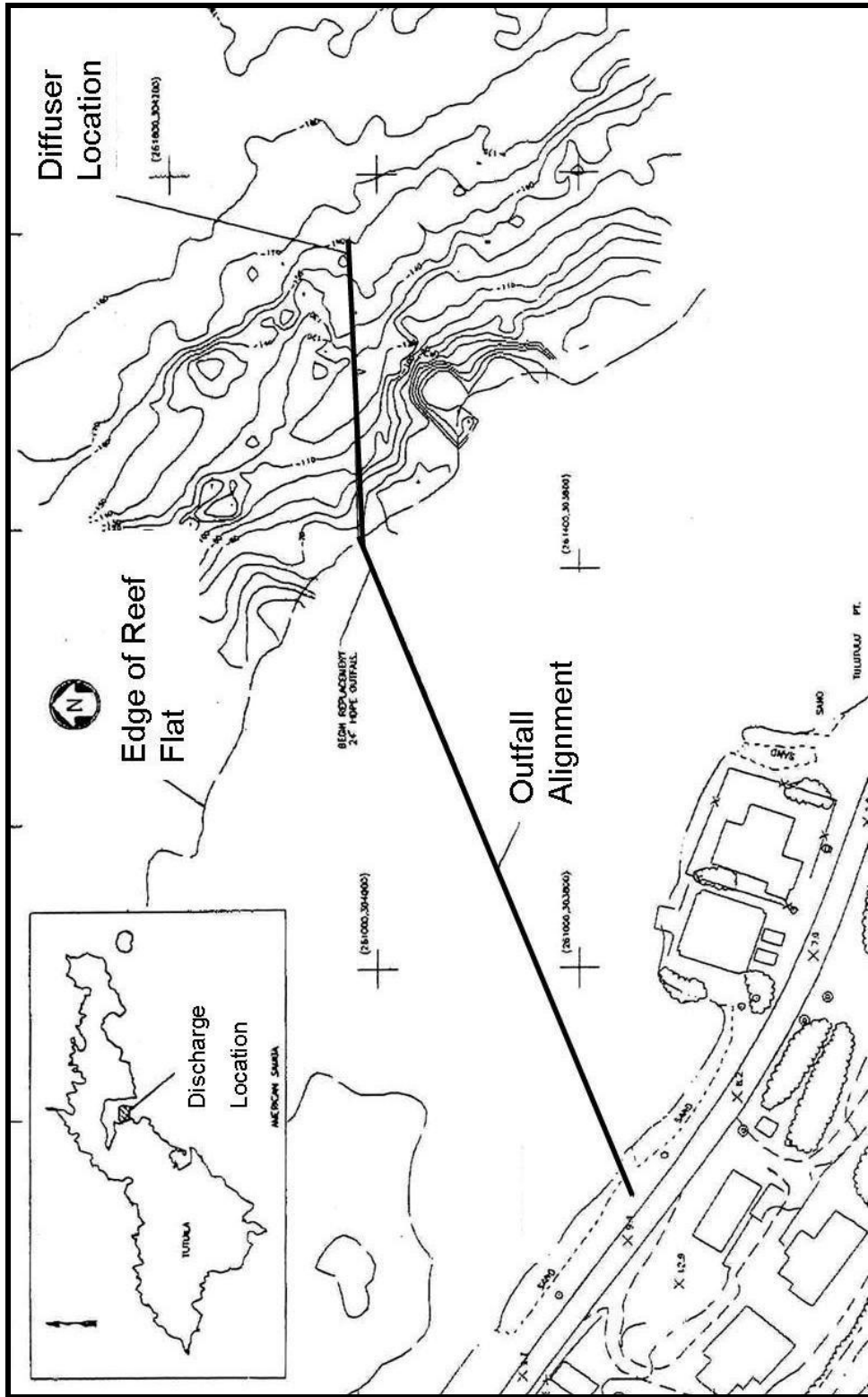


Figure 4. Detail of Diffuser Utulei WWTP Outfall Diffuser Location

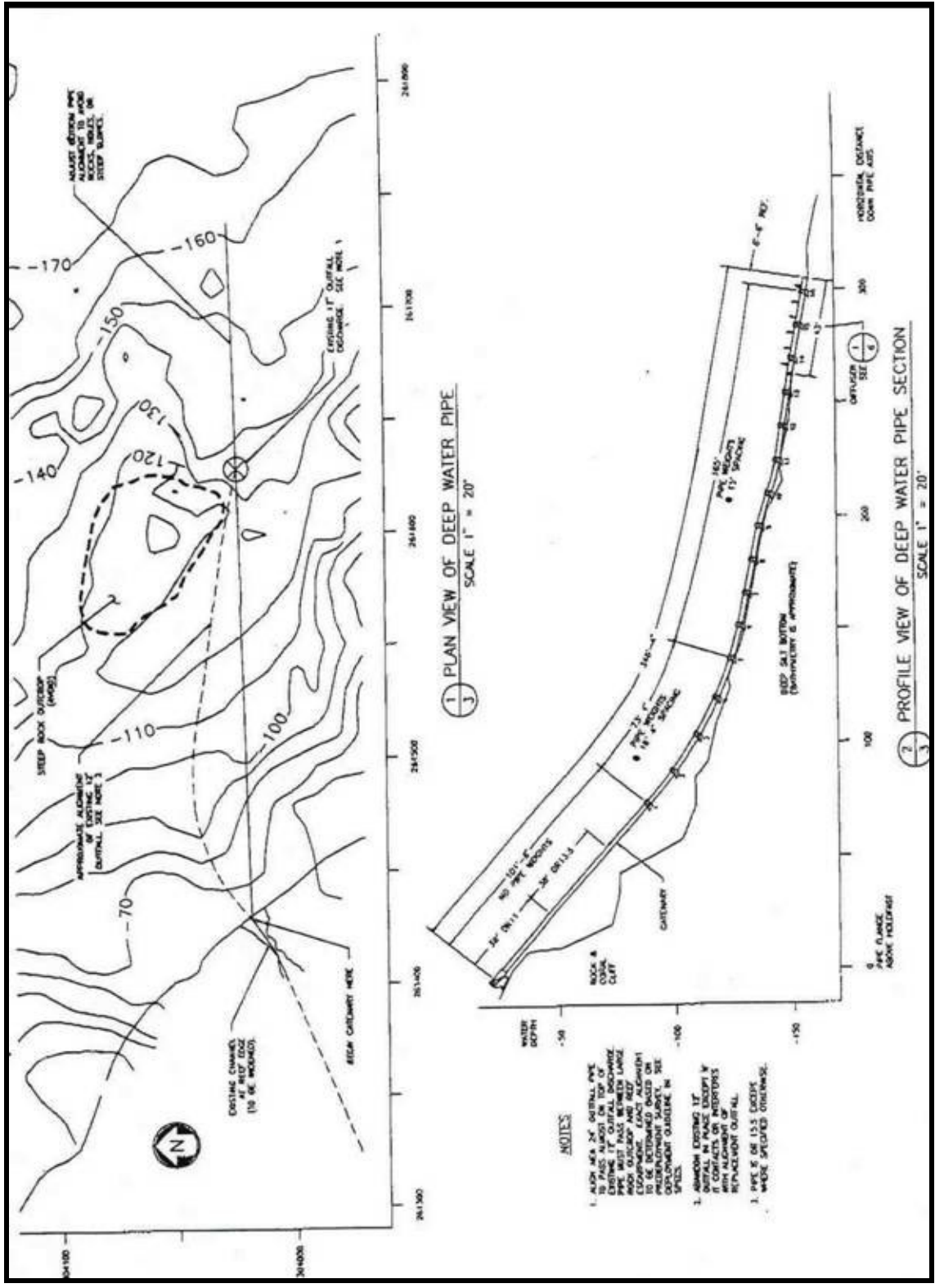


Figure 5. Schematic of Diffuser Installation

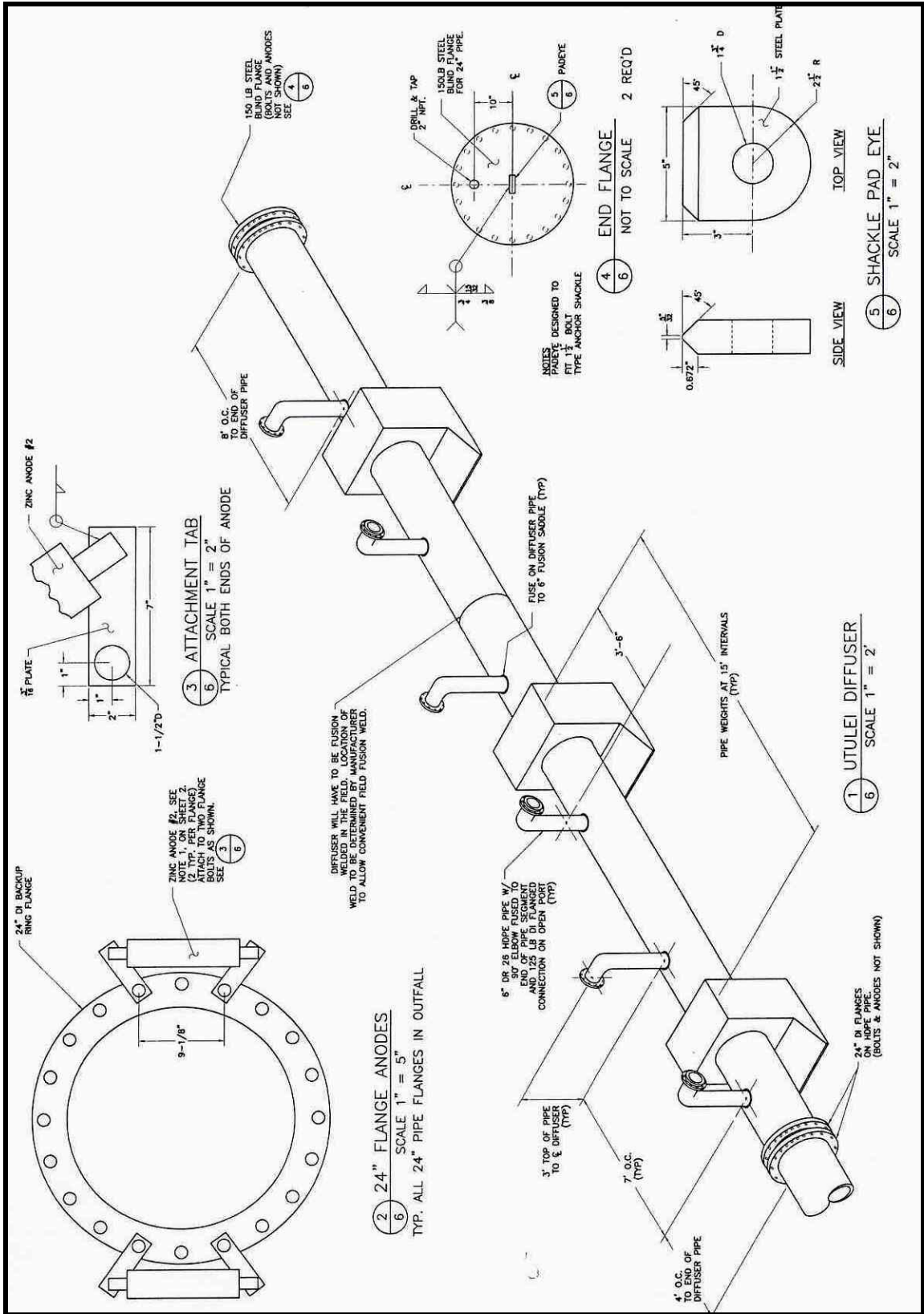
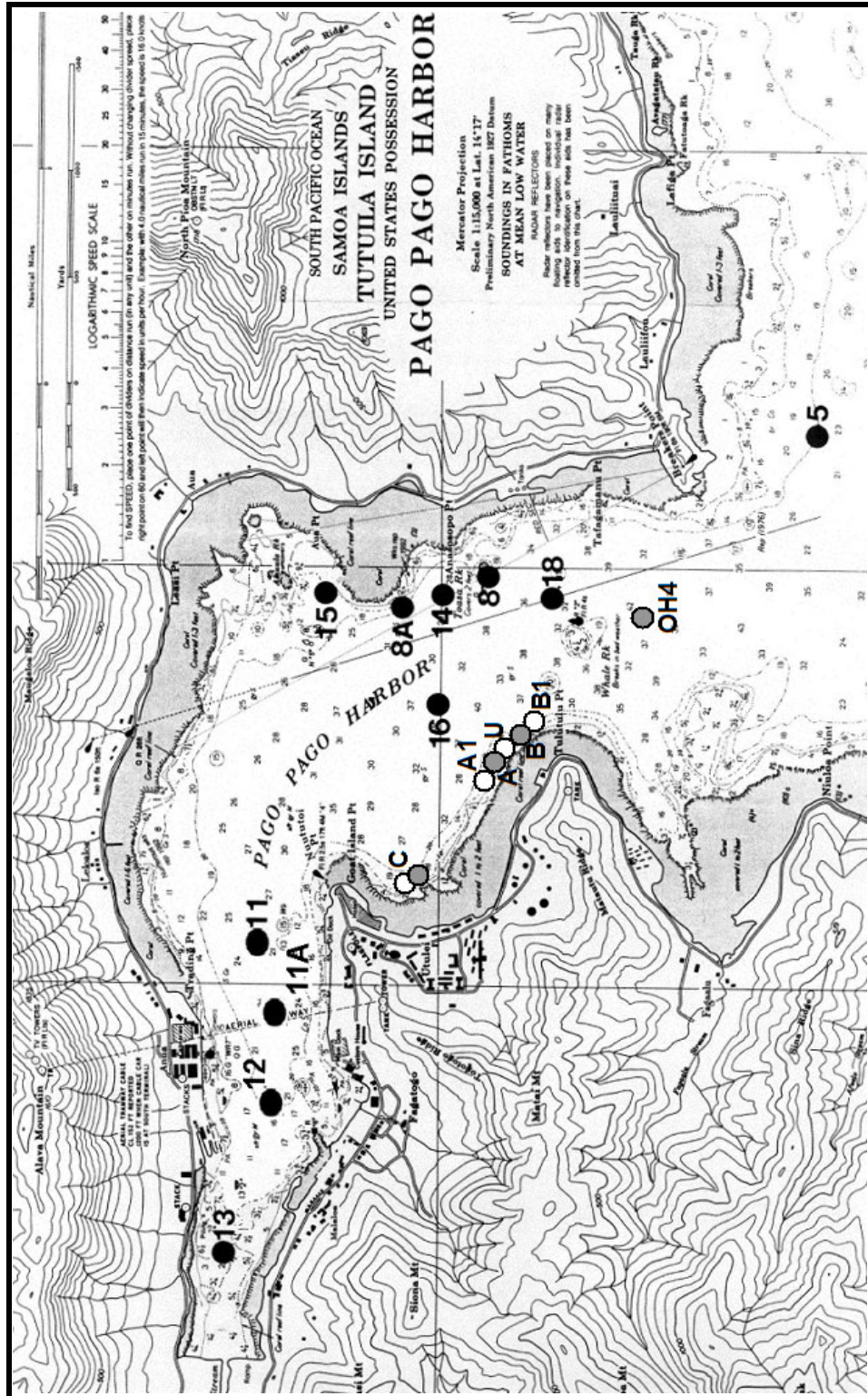


Figure 6. Utulei Diffuser Details



**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



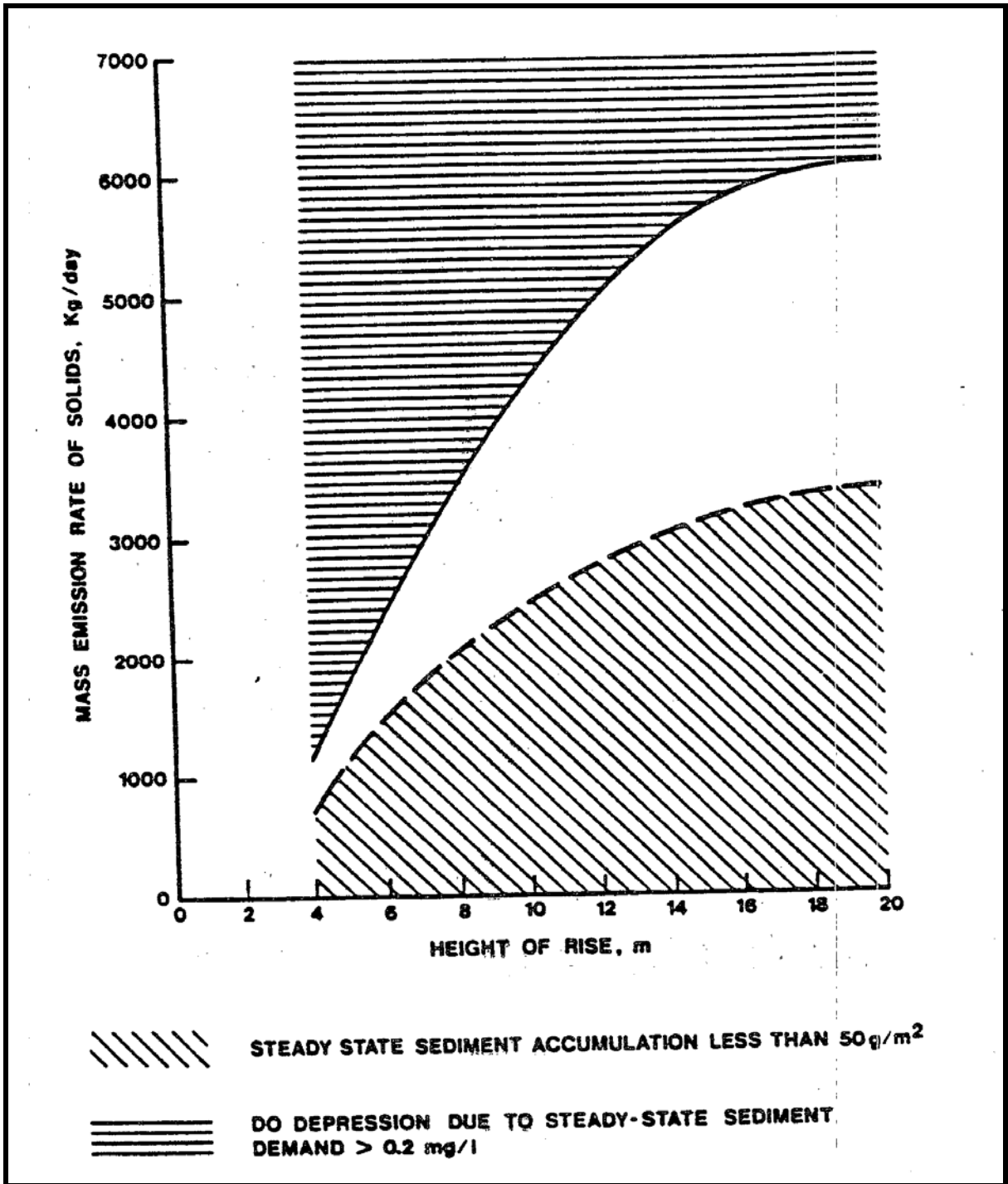


Figure 8. Relationship between suspended solids mass loading, plume rise height, sediment accumulation, and dissolved oxygen depression for open costal areas (from 301(h) TSD).