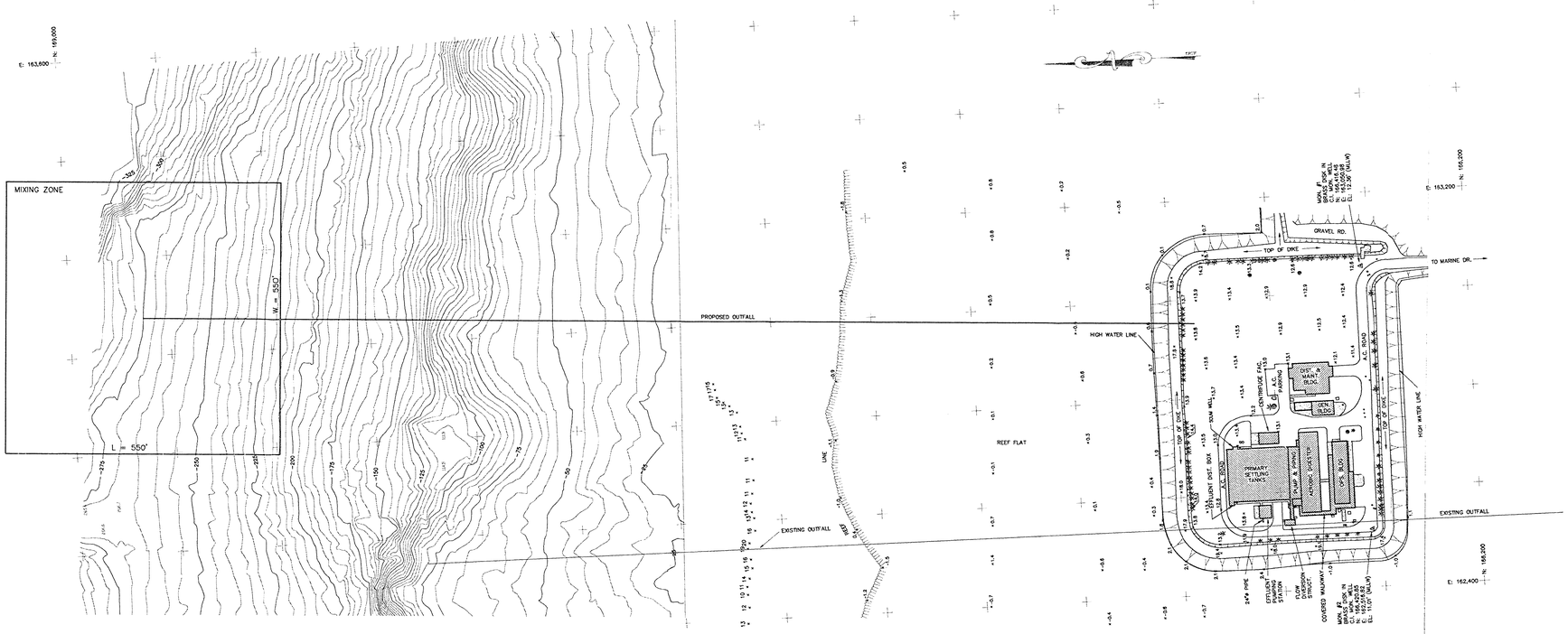
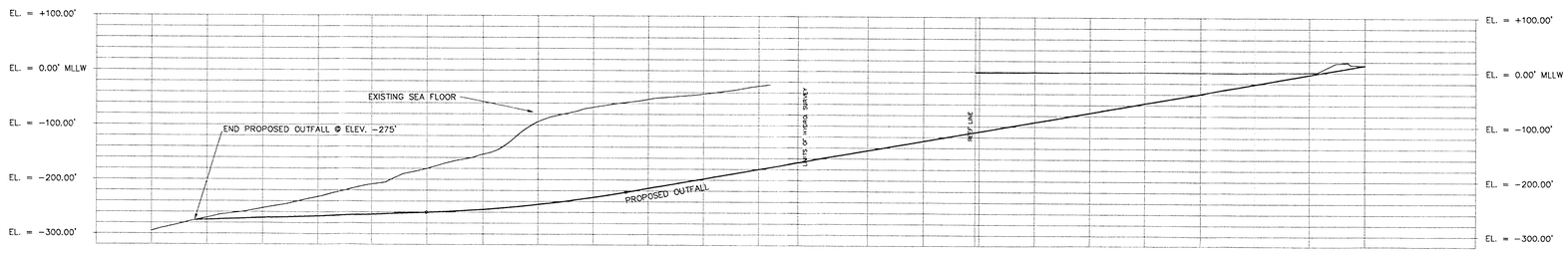


HDD OUTFALL PLAN

HOR. 1" = 100'

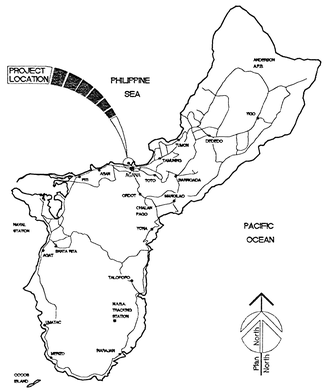


HDD OUTFALL PROFILE

HOR. 1" = 100'
VER. 1" = 100'

LOCATION MAP

NTS



GUAM-USA

SURVEYOR'S NOTES

1. SURVEY WAS BASED ON THE FOLLOWING GGN-93 POINTS CONVERTED TO GGTN-63 VALUES:
   GGN 1460 N 165,329.53 E 161,853.06
   GGN 1464 N 165,570.73 N 164,188.55
   GGN 1466 N 166,386.91 E 164,634.56
   MON. #2 ELEV. 11.01 (MLLW)
2. CONTOURS ARE BASED ON MEAN LOWER LOW WATER (MLLW)
3. CONTOUR INTERVAL IS 1' INSIDE REEF LINE AND 5' OUTWARDS
4. SURVEY DATA RECORDED IN FIELDBOOK G99-01

BATHYMETRY NOTES

1. DEPTHS ARE PROVIDED IN FEET - DATUM IS MEAN LOWER LOW WATER (MLLW)
2. HORIZONTAL DATA ARE PROVIDED IN PLANE COORDINATES USING THE FOLLOWING GEODETIC PARAMETERS:
   SPHEROID : CLARK 1866
   DATUM : GUAM 1963
   PROJECTION : AZIMUTHAL EQUIDISTANT
3. BATHYMETRY DATA OBTAINED ON NOVEMBER 11, 1998 USING A KNUDSEN 320B/P ECHOSOUNDER WITH 200 kHz TRANSDUCER
4. SURFACE POSITIONING OBTAINED USING ASHTECH DNS-12 DGPS

I HEREBY CERTIFY THAT THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Signature Date

REVISION	DATE	BY	DESCRIPTION	APPROVED

PROJECT No.

GUAM WATERWORKS AUTHORITY
GOVERNMENT OF GUAM

CONTRACT No.

DESIGNED BY:

DRAWN BY :

CHECKED BY :

SUPV. BY :

TUMON INFRASTRUCTURE AND BEAUTIFICATION
AGANA STP OUTFALL EXTENSION
HORIZONTAL DIRECTIONAL DRILLING
PLAN AND PROFILE

RECOMMENDED BY:

PROJECT ENGINEER

CHIEF OF ENGINEERING

DATE

SECTION MANAGER

SCALE: AS NOTED

ASSOCIATES, INC.
ENGINEERS/ARCHITECTS
GTPO BLDG., RUTTER ROAD
PUGA, MOTTO, MAGAPIE DR.
TAMUNING, GUAM 96911
TEL: 647-4481 FAX: 647-1411

EDWARD K. NODA & ASSOCIATES, INC.
815 Pikui Street #300
Honolulu, Hawaii 96814

DRAWER NO.

DRAWING NUMBER

SHEET OF