

ATTACHMENT 1

**Location Map / Hydrographic Survey / Proposed Offloading Site and Hauling
Route**



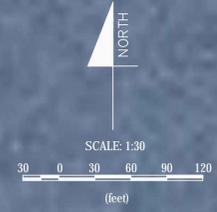
Legend
 -40 Existing Bathymetry (5' Intervals)
 Existing Bathymetry (1' Intervals)
 Dredge Areas

Areas not Surveyed
 Due to Vessel
 Obstruction (Typ.)

Dredge to
 -40 ft MLLW

Survey
 Extents

NOTE:
 THE LAYOUT, DIMENSIONS AND ELEVATIONS SHOWN ARE PROVIDED ONLY FOR INFORMATION AND TO DEFINE THE PROJECT SCOPE REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FULL COORDINATION AND TO CONFIRM/DETERMINE THE FINAL DREDGE LIMITS, ELEVATIONS AND VOLUME, WHICH SHALL MEET THE NEEDS OF THE USING ACTIVITY AND COMPLY WITH THE RFP PROJECT REQUIREMENTS.



SYMBOL	DESCRIPTION	DATE	APPROVED

HORIZONTAL DATUM: NAD83 Guam State Plane, U.S. Feet.
 VERTICAL DATUM: Mean Lower Low Water (MLLW), Feet.

APPROVED	DATE
ACTIVITY - SATISFACTORY TO	DATE
APPROVED	
FOR COMMANDER NAVFAC	
DES	AM
CHK	SC
CH ENG	
REVIEWED BY	
PDE	
INT. BRANCH MANAGER	
FIRE PROTECTION	
BRANCH MANAGER	
DESIGN DIRECTOR	

DEPARTMENT OF THE NAVY
 NAVAL FACILITIES ENGINEERING COMMAND
 NAVFAC PACIFIC
 HONOLULU, HAWAII

CODE ID. NO.	SIZE D
SCALE: AS SHOWN	
CONST. CONTR. NO.	
SPEC. NO.	
NAVFAC DRAWING NO.	
SHEET 8 OF 16	
13 MAY 2014	



Orote Airfield
(71,900 cy)

SRF
(16,000 cy)

Polaris Point A
(78,000)

Polaris Point B
(187,000 cy)

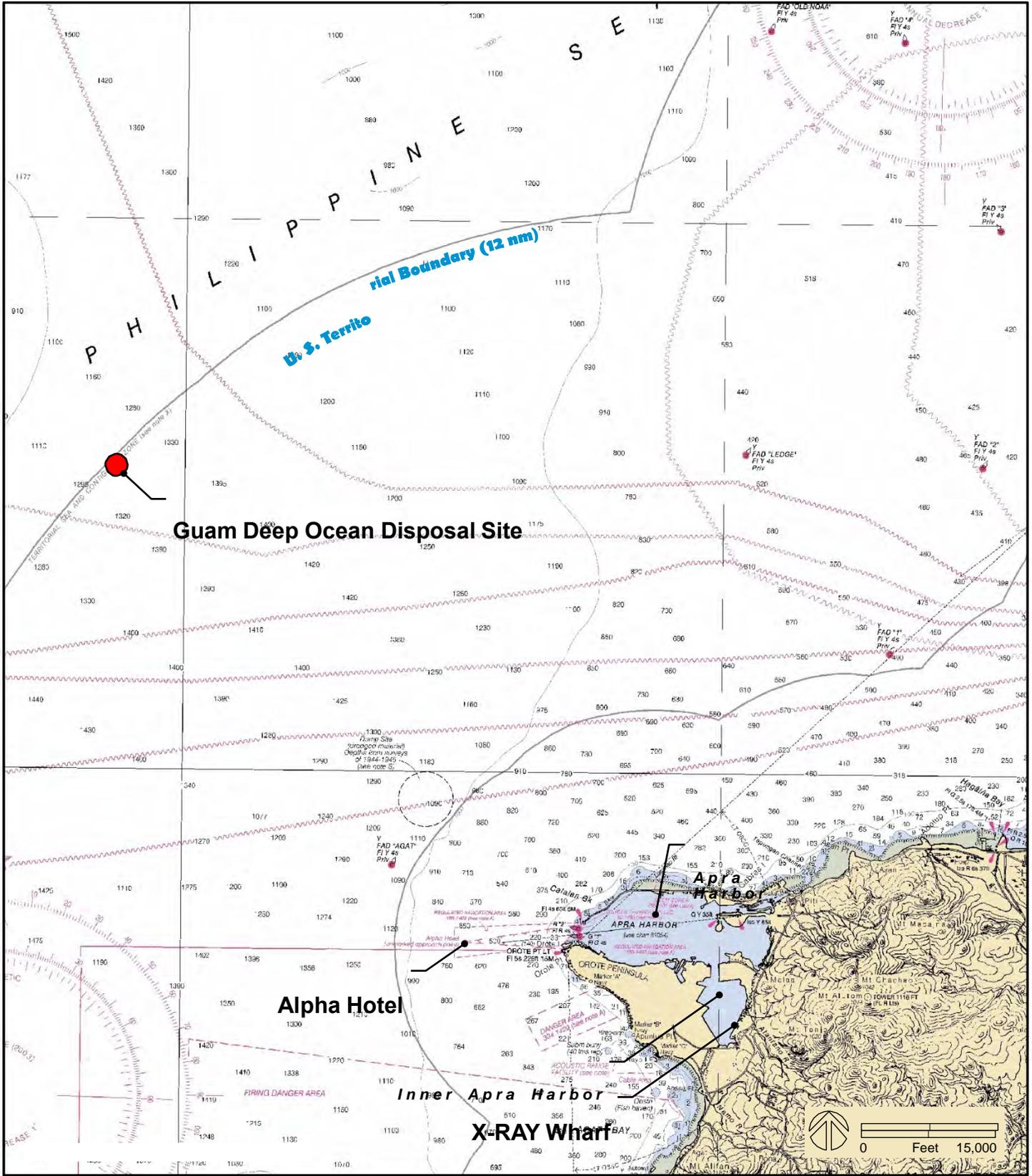
Never used - site now
has buildings and
helicopter pad

Field 5A
(230,000 cy)

Field 5B
(223,000 cy)

Never used - Possible future
storage location for de-
watered dredge material
associated with landfill
closure

Field 3
(297,000)

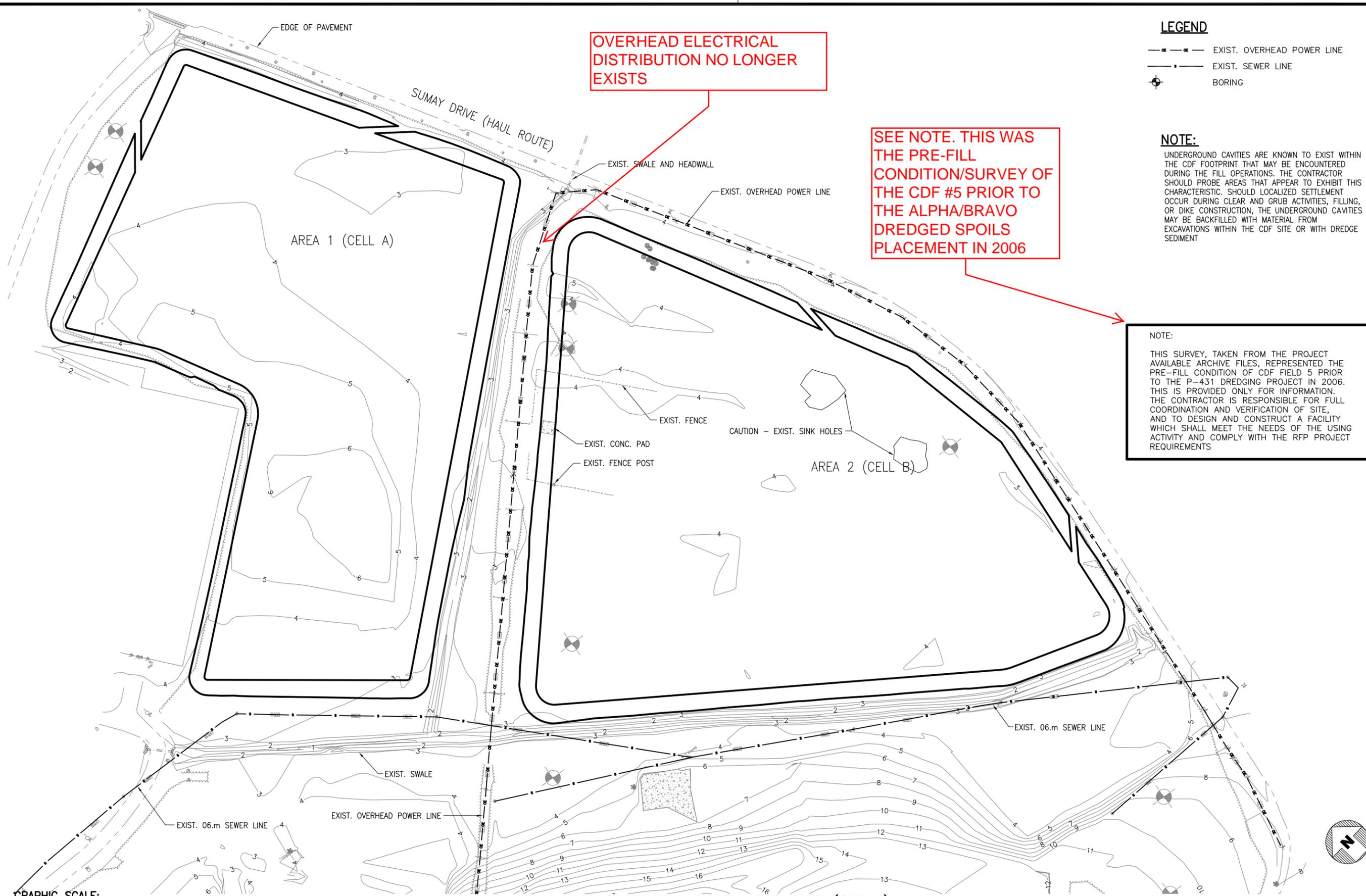


Base Map: NOAA Chart 81048, 9th Ed., Oct. 2003

Fig. 7. Guam Deep Ocean Disposal Site, located approximately 11 nm (21 km) west of Apra Harbor.

ATTACHMENT 2

CDF 5 As-Builts



OVERHEAD ELECTRICAL DISTRIBUTION NO LONGER EXISTS

SEE NOTE. THIS WAS THE PRE-FILL CONDITION/SURVEY OF THE CDF #5 PRIOR TO THE ALPHA/BRAVO DREDGED SPOILS PLACEMENT IN 2006

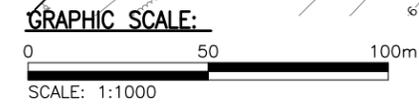
LEGEND

- EXIST. OVERHEAD POWER LINE
- EXIST. SEWER LINE
- ⊕ BORING

NOTE:

UNDERGROUND CAVITIES ARE KNOWN TO EXIST WITHIN THE CDF FOOTPRINT THAT MAY BE ENCOUNTERED DURING THE FILL OPERATIONS. THE CONTRACTOR SHOULD PROBE AREAS THAT APPEAR TO EXHIBIT THIS CHARACTERISTIC. SHOULD LOCALIZED SETTLEMENT OCCUR DURING CLEAR AND GRUB ACTIVITIES, FILLING, OR DIKE CONSTRUCTION, THE UNDERGROUND CAVITIES MAY BE BACKFILLED WITH MATERIAL FROM EXCAVATIONS WITHIN THE CDF SITE OR WITH DREDGE SEDIMENT

NOTE:
THIS SURVEY, TAKEN FROM THE PROJECT AVAILABLE ARCHIVE FILES, REPRESENTED THE PRE-FILL CONDITION OF CDF FIELD 5 PRIOR TO THE P-431 DREDGING PROJECT IN 2006. THIS IS PROVIDED ONLY FOR INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR FULL COORDINATION AND VERIFICATION OF SITE, AND TO DESIGN AND CONSTRUCT A FACILITY WHICH SHALL MEET THE NEEDS OF THE USING ACTIVITY AND COMPLY WITH THE RFP PROJECT REQUIREMENTS



1
CONFINED DISPOSAL FACILITIES (CDF 5)
PRE-FILL TOPOGRAPHIC SURVEY
C-503 C-503 SCALE: 1:1000

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK AMONG THE VARIOUS TRADES AS NECESSARY TO AVOID CONFLICTS AND TO INSURE THE INSTALLATION OF ALL WORK WITHIN THE AVAILABLE SPACE.

 WILSON OKAMOTO CORPORATION 1907 S. BERKELENA STREET SUITE 400 HONOLULU, HAWAII 96826	
SUBMITTED BY FROM MEMBER DATE 11/09/2006 APPROVED ACTIVITY - SATISFACTORY TO DATE APPROVED	FOR COMMANDER NAVFAC PACIFIC DATE DES BL DR MK/DY CHK BL OC MGO CH ENG MGO REVIEWED BY PDE INIT. BRANCH MANAGER FIRE PROTECTION BRANCH MANAGER DESIGN DIRECTOR
DEPARTMENT OF THE NAVY NAVFAC PACIFIC HONOLULU, HAWAII COMMANDREG MARIANAS FY06 MCON - PROJECT P-431 ALPHA & BRAVO WHARF IMPROVEMENTS CONFINED DISPOSAL FACILITIES	
CODE ID. NO. 80091 SCALE: AS SHOWN CONST. CONTR. NO. N62742-06-C-1305 SPEC. NO. 40-06-1305 NAVFAC DRAWING NO. 7984635 SHEET 62 OF 259 C-503	SIZE D DRAWFORM REVISION JUNE 2004

NO.	DATE	APPR.	DESCRIPTION



SUBMITTED BY	Myron Okamoto
FIRM NUMBER	11/09/2006
DATE	11/09/2006
APPROVED	
ACTIVITY - SATISFACTORY TO	
DATE	
APPROVED	HMShinato
FOR COMMANDER NAIFAC	DATE 12-5-06
DES	BL DR MK/DY
CHK	BL QC MGO
CH ENG	MGO
REVIEWED BY	
PDE	
INT. BRANCH MANAGER	
FIRE PROTECTION	
BRANCH MANAGER	
DESIGN DIRECTOR	

DEPARTMENT OF THE NAVY
NAIFAC PACIFIC
 WASHINGTON, HAWAII
 POLARIS POINT, GUAM
 PROJECT P-431
 ALPHA & BRAVO WHARF IMPROVEMENTS
 CONFINED DISPOSAL FACILITIES GENERAL PLAN VIEW

CODE ID. NO. 80091 SIZE D
 SCALE: AS SHOWN
 CONST. CONTR. NO. N82742-06-C-1305
 SPEC. NO. 40-06-1305
 NAVFAC DRAWING NO. **7984636**
 SHEET 64 OF 256
C-504

2006
AS-BUILT

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK AMONG THE VARIOUS TRADES AS NECESSARY TO AVOID CONFLICTS AND TO INSURE THE INSTALLATION OF ALL WORK WITHIN THE AVAILABLE SPACE.

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT - USE GRAPHIC SCALES

GEOTECHNICAL REPORTS:

- BORINGS FROM CDF REPORT-"GEOTECHNICAL INVESTIGATION, CONFINED DISPOSAL FACILITY SITE, FY 06 MCON PROJECT P-431, ALPHA & BRAVO WHARF IMPROVEMENTS, COMNAVREG MARIANAS, POLARIS POINT, GUAM" BY GEO ENGINEERING & TESTING, INC. (COPY OF THE REPORT IS IN ATTACHMENT E OF PART 6 OF THE RFP.)
- BORINGS FROM FIELD 5 REPORT-"GEOTECHNICAL LABORATORY TEST RESULTS, PROPOSED CONFINED DIKE FACILITY, MCON P-431, ALPHA-BRAVO IMPROVEMENTS, INNER APPRA HARBOR, GUAM", DATED JANUARY 25, 2005 BY PACIFIC GEOTECHNICAL ENGINEERS, INC.

LINE	LENGTH	BEARING
L1	276.37	N46°44'55"E
L2	109.77	N53°54'32"W
L3	143.18	N47°32'41"E
L4	46.95	N30°27'45"W
L5	49.16	N41°12'51"W
L6	155.56	N00°34'43"E
L7	183.99	N34°05'33"W
L8	185.88	N30°55'36"W
L9	66.09	N15°09'28"W
L10	106.38	N03°07'12"E
L11	49.88	N74°46'29"W
L12	245.45	N58°29'35"W
L13	238.69	N40°16'32"E

CURVE	LENGTH	RADIUS
C1	2.35	1.70
C2	3.02	1.70
C3	24.30	17.80
C4	2.95	1.70
C5	2.20	1.50
C6	2.55	1.70
C7	21.27	11.20
C8	19.60	11.00
C9	6.02	21.20
C10	17.58	10.20

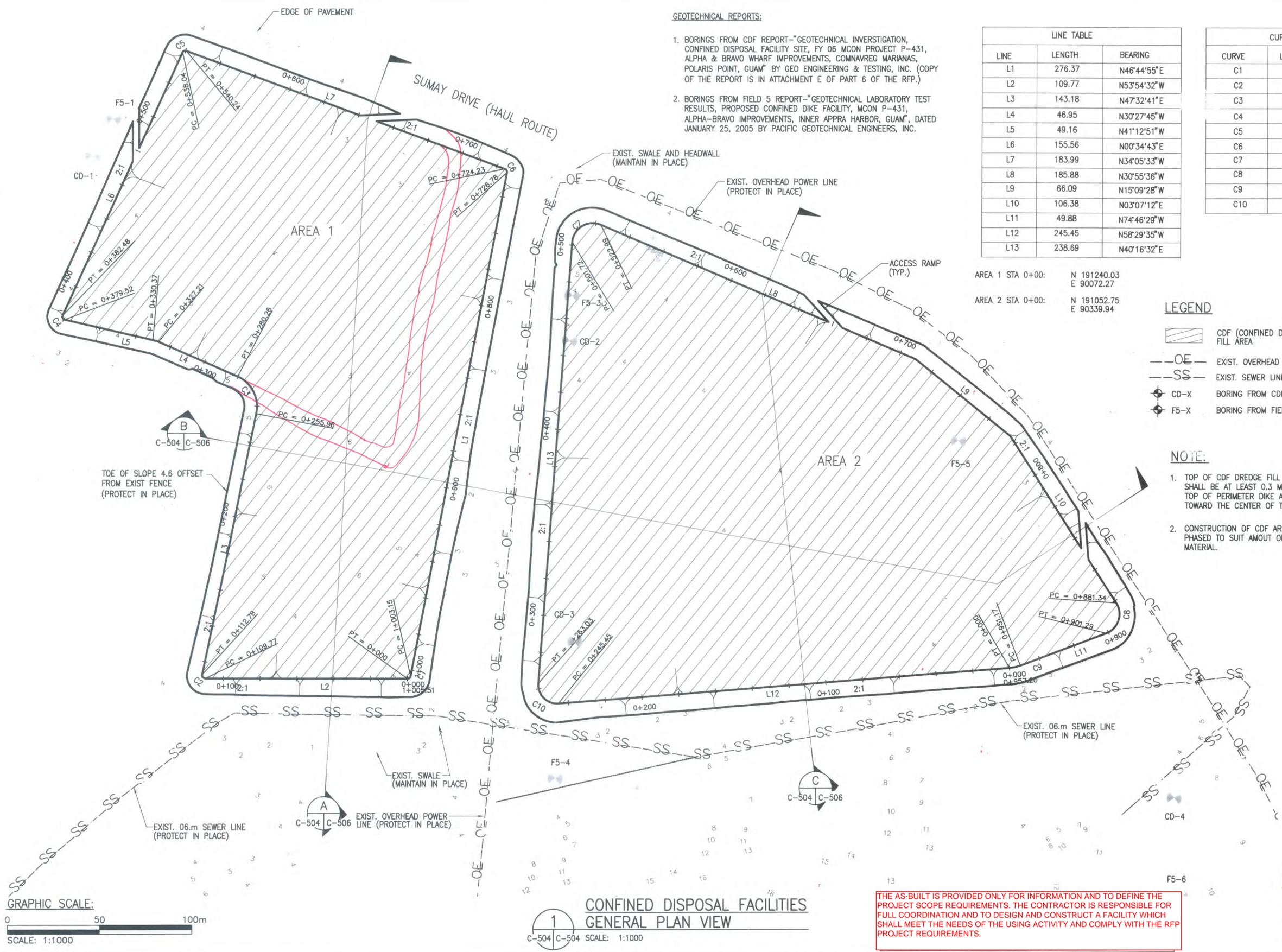
AREA 1 STA 0+00: N 191240.03
E 90072.27
 AREA 2 STA 0+00: N 191052.75
E 90339.94

LEGEND

- CDF (CONFINED DISPOSAL FACILITY) FILL AREA
- EXIST. OVERHEAD POWER LINE
- EXIST. SEWER LINE
- BORING FROM CDF REPORT
- BORING FROM FIELD 5 REPORT

NOTE:

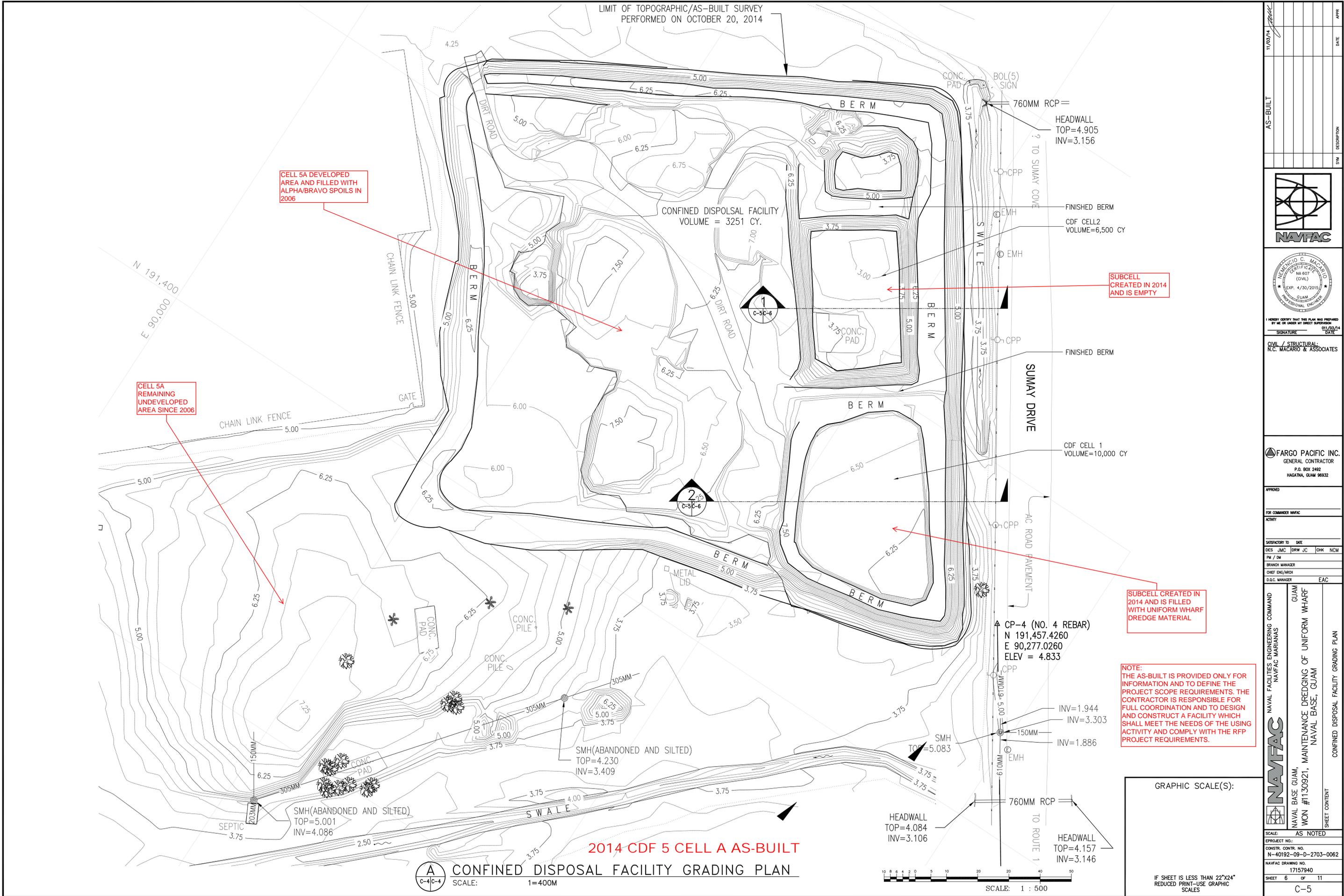
- TOP OF CDF DREDGE FILL GRADE MATERIAL SHALL BE AT LEAST 0.3 METER BELOW THE TOP OF PERIMETER DIKE AND SLOPE TOWARD THE CENTER OF THE CDF.
- CONSTRUCTION OF CDF AREA 1 & 2 MAY BE PHASED TO SUIT AMOUNT OF DREDGE MATERIAL.



GRAPHIC SCALE:
 0 50 100m
 SCALE: 1:1000

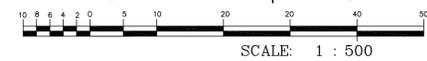
1
 CONFINED DISPOSAL FACILITIES
 GENERAL PLAN VIEW
 C-504 C-506 SCALE: 1:1000

THE AS-BUILT IS PROVIDED ONLY FOR INFORMATION AND TO DEFINE THE PROJECT SCOPE REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR FULL COORDINATION AND TO DESIGN AND CONSTRUCT A FACILITY WHICH SHALL MEET THE NEEDS OF THE USING ACTIVITY AND COMPLY WITH THE RFP PROJECT REQUIREMENTS.



2014 CDF 5 CELL A AS-BUILT

A CONFINED DISPOSAL FACILITY GRADING PLAN
 SCALE: 1=400M



NOTE:
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GRAPHIC SCALE(S):
 IF SHEET IS LESS THAN 22"x24"
 REDUCED PRINT-USE GRAPHIC
 SCALES

11/03/14	DATE
AS-BUILT	DESCRIPTION
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION SIGNATURE: _____ DATE: 01/03/14	
CIVIL / STRUCTURAL: N.C. MACARIO & ASSOCIATES	
GENERAL CONTRACTOR P.O. BOX 2492 HAGATNA, GUAM 96932	
APPROVED	FOR COMMANDER NAVFAC
ACTIVITY	
SATISFACTORY TO	DATE
DES JMC	DRW JC
PM / DM	CHK NCM
BRANCH MANAGER	
CHEF ENGR/ARCH	
D.O.C. MANAGER	EAC
NAVFAC NAVAL FACILITIES ENGINEERING COMMAND	GUAM
NAVFAC MARIANAS	NAVAL BASE GUAM,
	WON #1130921, MAINTENANCE DREDGING OF UNIFORM WHARF
	NAVAL BASE, GUAM
SCALE:	AS NOTED
EPROJECT NO.:	
CONSTR. CONTR. NO.:	N-40192-09-D-2703-0062
NAVFAC DRAWING NO.:	17157940
SHEET 6	OF 11
C-5	

