



US Army Corps  
of Engineers  
Honolulu District

# Public Notice of Application for Permit

Guam Regulatory Field Office (1145b)  
PSC 455, Box 188  
FPO AP 96540-1088

PUBLIC NOTICE DATE: JULY 03, 2008

EXPIRATION DATE: AUGUST 02, 2008

PERMIT FILE NUMBER: POH-2008-57

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plan.

APPLICANT: National Park Service

LOCATION: American Memorial Park, Smiling Cove Marina, Garapan, Saipan, CNMI, 15° 13' 10.68"N, 145° 43' 25.94"E

WORK: To repair the existing deteriorated steel sheet pile bulkhead along the Entrance Channel to Smiling Cove Marina by driving approximately 1,000 linear feet of new steel sheet pile that would be 3' in seaward of the existing piles, to discharge approximately 1,600 cubic yards of clean fill material from existing quarries and to discharge approximately 625 cubic yards of quarried limestone riprap at either end of the bulkhead, one area approximately 60' by 50' and the other area approximately 39' by 14'. The construction will require the excavation of 338 cubic yards of coarse grained material to be disposed of at an upland site.

PURPOSE: To repair the damaged bulkhead along the Entrance Channel to Smiling Cove Marina.

ADDITIONAL INFORMATION:

MITIGATION: As a result of early project planning, the applicant has incorporated into the proposed project a temporary soil erosion control plan to minimize the adverse effects to water quality within the project vicinity. The applicant also proposes to conduct work only during daylight hours to reduce the possibility of disturbing any sea turtles that may enter the project area.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Division of Environmental Quality, Commonwealth of the Northern Mariana Islands.

COASTAL ZONE MANAGEMENT ACT CERTIFICATION: Section 307(c)(3) of the Coastal Zone, Management Act of 1972, as amended by 16 U.S.C. 1456(c)(3), requires the applicant to certify that the described activity affecting land or water uses in the Coastal Zone complies with the CNMI Coastal Zone Management Program. A permit will not be issued until the Coastal Resources Management Office, Commonwealth of the Northern Mariana Islands has concurred with the applicant's certification.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state clearly and concisely, the reasons and rationale for holding a public hearing.

CULTURAL RESOURCES: The latest published version of the National Register of Historic Places (NRHP) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no listed or eligible properties in the vicinity of the worksite. Consultation of the NRHP constitutes the extent of cultural resource investigations by the District Engineer at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

ENDANGERED SPECIES: The project area is within the known or historic range of the Green Turtle (*Chelonia mydas*) and the Hawksbill Turtle (*Eretmochelys imbricata*). These species are unlikely to be found in the project vicinity due to the frequent vessel traffic. The National Park Service, the lead federal agency, determined that their preliminary determination is that the described activity may affect, but is not likely to adversely affect threatened or endangered species, or their critical habitat, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The proposed work is being evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MSFCMA), 16 U.S.C. *et seq* and associated federal regulations found at 50 CFR 600 Subpart K. The Honolulu District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, Western Pacific Fishery Management Council's Environmental Assessment to locate EFH area as identified by the National Marine Fisheries Service (NMFS). We have determined that the described activity within the proposed area will not adversely affect EFH, including anadromous fish and federally managed fishery resources. The project area provides habitat for juvenile species that will be able to relocate to adjacent areas that will not be subject to construction activities. After construction is complete these species should be able to return to the project site. Therefore, there should be no long term adverse impacts to the species of concern.

SPECIAL AREA DESIGNATION: None.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts which the proposed activity may have on the public interest requires a careful weighing of all those factors which become relevant in each particular case. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur, are therefore determined by the outcome of the

general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors which may be relevant to the proposal must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact Mr. Francis M. Dayton at (671) 339-2108 if further information is desired concerning this notice.

AUTHORITY: This permit will be issued or denied under the following authorities:

(X) Perform work in or affecting navigable waters of the United States – Section 10 Rivers and Harbors Act 1899 (33 U.S.C. 403).

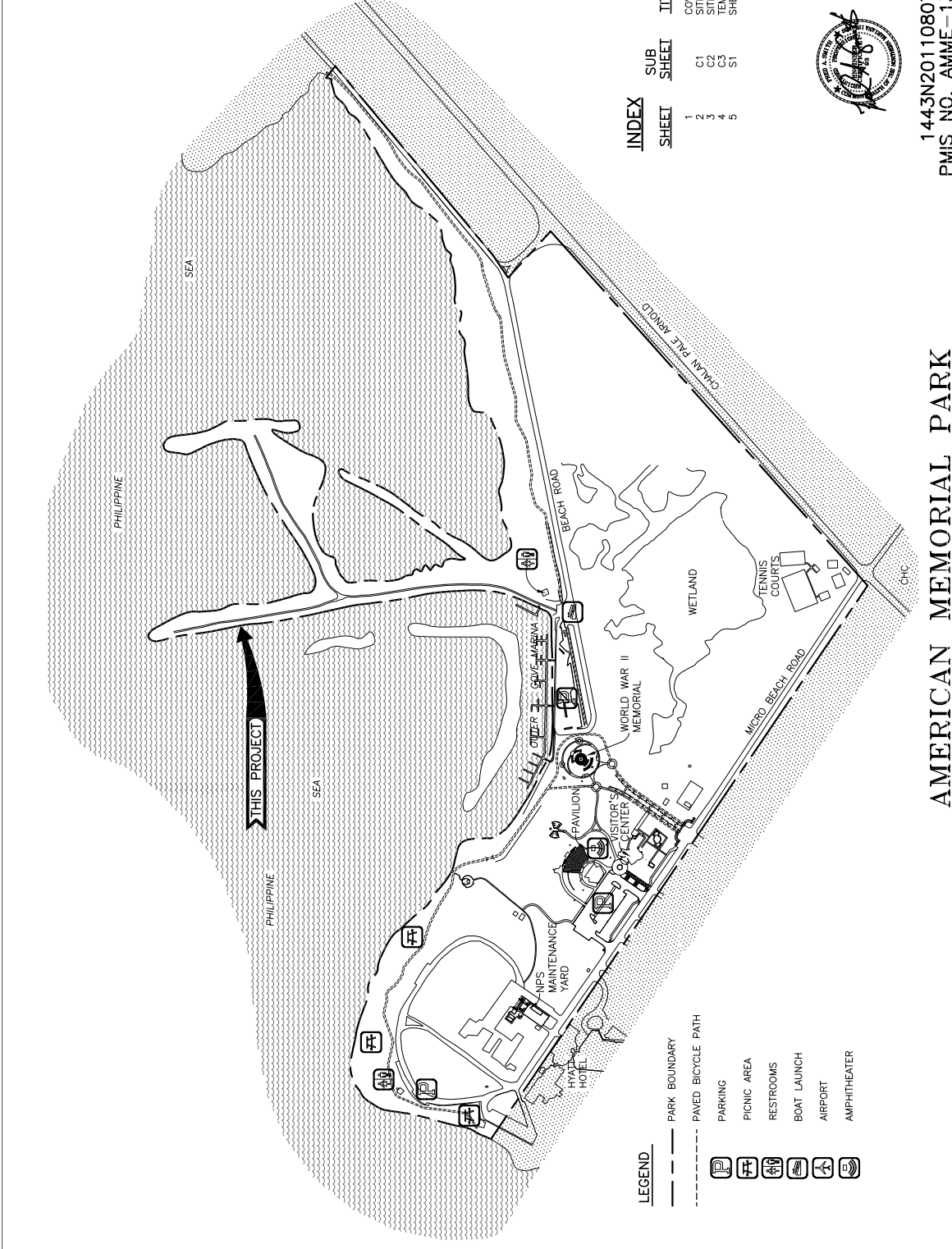
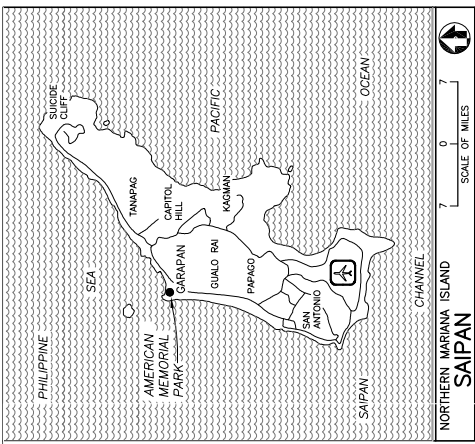
(X) Discharge dredged or fill material into waters of the United States – Section 404 Clean Water Act (33 U.S.C. 1344). The Corps' public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

( ) Transport dredged material for the purpose of dumping it into ocean waters - Section 103 Marine Protection, Research, and Sanctuaries Act of 1972 (33 U.S.C. 1413). The Corps' public interest review will consider the criteria established under authority of Section 102(a) of the Marine Protection, Research and Sanctuaries Act of 1972, as amended (40 CFR Parts 220 to 229), as appropriate.

A plan, Notice of Application for Certification of Consistency with the Guam/CNMI Coastal Management Program, and Notice of Application for the Water Quality Certification are attached to this Public Notice.

District Engineer  
U.S. Army, Corps of Engineers

Attachments:  
Plans, 3 sheets



- LEGEND**
- PARK BOUNDARY
  - PAVED BICYCLE PATH
  - [P] PARKING
  - [A] PICNIC AREA
  - [R] RESTROOMS
  - [B] BOAT LAUNCH
  - [A] AIRPORT
  - [T] AMPHITHEATER

**INDEX**

SHEET	SUB SHEET	TITLE OF SHEET
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4	C4	SOIL EROSION CONTROL PLAN, INSTALLATION AND DETAIL
5	C5	SHEET PILE WALL PLAN-BASE BID AND BID OPTION



SCALE IN FEET  
 0 500 1,000 2,000 4,000

SCALE IN METERS  
 0 500 1,000

1443N2011080700  
 PMIS NO. AMME-130448A

# AMERICAN MEMORIAL PARK

X/E FIRM-1443N2011080700 PRIME/CIVIL/STRUCTURAL: WINZLER & KELLY SAIPAN, MP		Date: _____ Project Manager: _____
Mark: _____ Sheet: _____	REVISION: _____ Date: _____	QUALITY DESIGN CERTIFICATION <input type="checkbox"/> Prepared in accordance with design <input type="checkbox"/> OR <input type="checkbox"/> Checked by Design Development (Title I) <input type="checkbox"/> Approved by Supervision on-site (Title I) <input type="checkbox"/> Construction Drawing Not Provided (Title I) <input type="checkbox"/> by Design Development (Title I)
CONSTRUCTION DRAWINGS SEA WALL REPLACEMENT LOCATION WITHIN PARK SAIPAN NAME OF PARK AMERICAN MEMORIAL PARK REGION PACIFIC WEST		TITLE OF PROJECT SEA WALL REPLACEMENT LOCATION WITHIN PARK SAIPAN NAME OF PARK AMERICAN MEMORIAL PARK REGION PACIFIC WEST
UNITED STATES DEPARTMENT OF THE INTERIOR NATIONAL PARK SERVICE DENVER SERVICE CENTER		DRAWING NO. 483 PMS/PKC NO. 130448A SHEET 1 OF 5

BASIC DATA: GMP 12/88; 483/410,001 2/91; 483/80,000 8/78; COVER DRAWN 9/93. UPDATED 10/98. SGS.



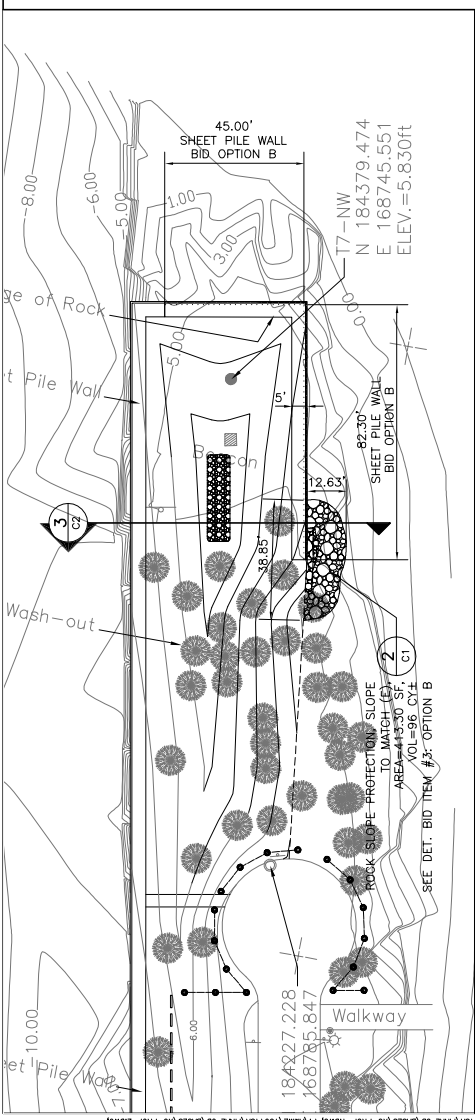
**STORMWATER SYSTEM CALCULATION:**

SITE DATA: INFILTRATION PERCOLATION RATE = 16.20 IN/HR  
 DRAINAGE AREA = 0.44 ACRE  
 IMPERVIOUS AREA = 0.13 ACRE  
 I = IMPERVIOUS AREA/DRAINAGE AREA = 0.13/0.44 = 29.55%

CRITERIA REQUIREMENT: RECHARGE (Rv) SURFICIAL GEOLOGICAL CLASSIFICATION: LIMESTONE-DOMINATED AREAS  
 SOIL GROUP: GROUP A  
 SOIL DESCRIPTION: SHOYA LOAMY SAND  
 R<sub>ev</sub> = 1.5 x I x DRAINAGE AREA / 12;  
 R<sub>ev</sub> = 0.016 ACRE-FT OR 696.96 CU. FT OR 25.81 CY

WATER QUALITY (Ww) RESOURCE QUALITY DESIGNATION: MODERATE RESOURCE QUALITY  
 RAINFALL EVENTS, P = 0.80 INCHES  
 W<sub>w</sub> = 0.80 X I X DRAINAGE AREA / 12;  
 W<sub>w</sub> = 0.009 ACRE-FT OR 392.04 CU. FT OR 14.52 CY  
 USE MIN. W<sub>w</sub> = 0.20 WATERSHED INCHES  
 DESIGN VOLUME W<sub>w</sub> = 726.00 CU. FT.

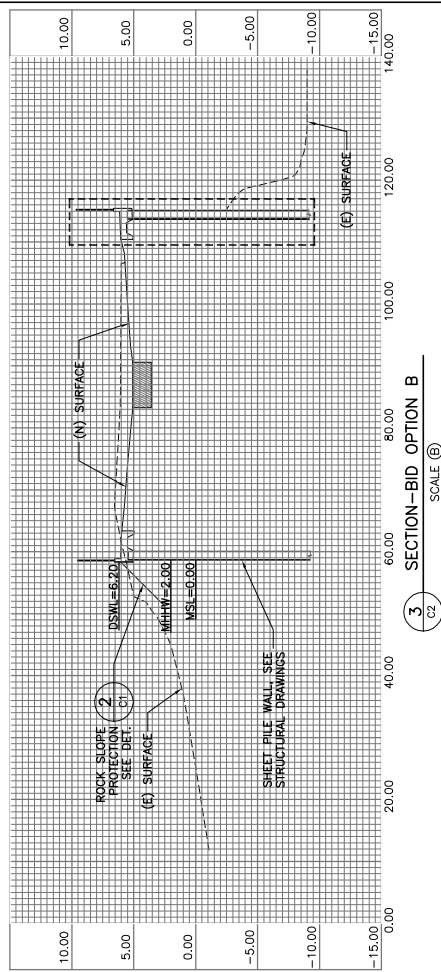
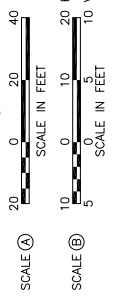
USING INFILTRATION CHAMBER: SURFACE AREA REQUIRED FOR INFILTRATION CHAMBER:  
 A<sub>p</sub> = W<sub>w</sub> / (nd + f67/12)  
 n = POROSITY (ASSUMED 0.40)  
 d = DEPTH OF INFILTRATION CAPACITY = 3 FT ABOVE GROUND WATER LEVEL OF 0.50 FT (REF #2)  
 d = 1.50 FT.



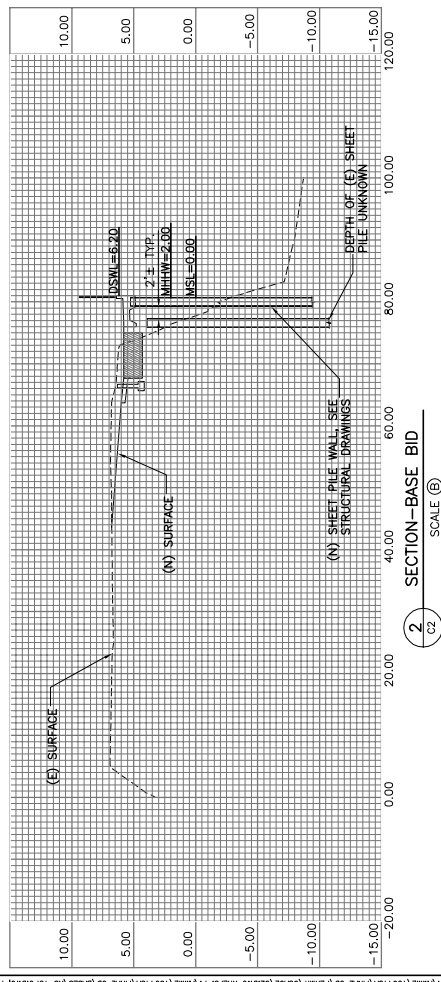
**1 SITE LAYOUT PLAN-BID OPTION B**  
 SCALE (A)

f<sub>c</sub> = INFILTRATION RATE = 16.20 IN/HR  
 T = TIME TO FILL CHAMBER = 2 HOURS  
 A<sub>p</sub> = 726 / (0.40 x 1.50 + 16.20 x 2/12)  
 A<sub>p</sub> = 220.00 SQ. FT.  
 DESIGNED INFILTRATION CHAMBER:  
 VOLUME = L x [(w x d x n) + (# x A<sub>c</sub> x n)] + (# x A<sub>c</sub>) + (w x f<sub>c</sub> x T/12)  
 VOLUME = W<sub>w</sub> = 726.00 CU. FT.  
 L = VOLUME / [(w x d x n) + (# x A<sub>c</sub> x n)] + (# x A<sub>c</sub>) + (w x f<sub>c</sub> x T/12)  
 w = WIDTH OF INFILTRATION CAPACITY  
 n = SAY 6 FT.  
 # = NUMBER OF ROWS OF CHAMBER = 1  
 A<sub>c</sub> = CROSS SECTIONAL AREA OF CHAMBER = 6 x 1.5 = 9 SQ. FT.  
 L = 726 / [(6 x 1.5 x 0.40) + (1 x 9 x 0.40) + (1 x 9) + (6 x 16.20 x 2/12)] = 28.81  
 SURFACE AREA = 28.81 x 6 = 172.86 SQ. FT.  
 = 172.86 < 220  
 THEREFORE, USE 30 FT x 7.33 FT x 1.50 FT INFILTRATION CHAMBER.

REFERENCE:  
 1. CNMI AND GUAM STORMWATER MANAGEMENT MANUAL.  
 2. USGS WATER TABLE MAP, OCT. 1999.



**3 SECTION-BID OPTION B**  
 SCALE (E)

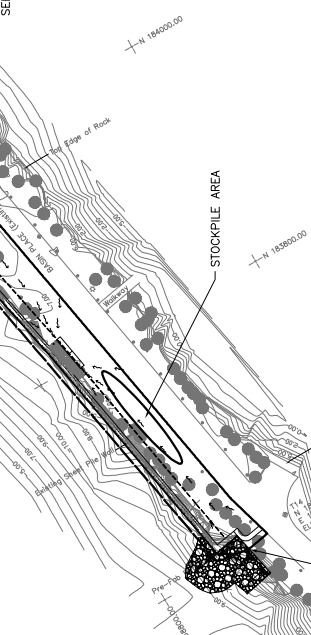
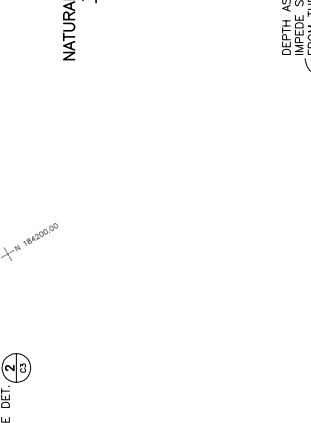
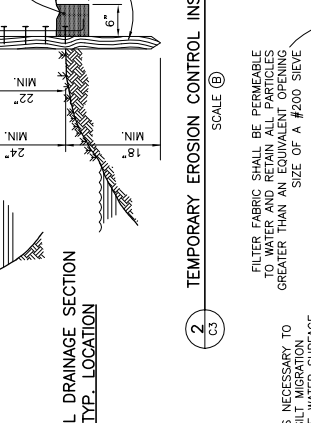
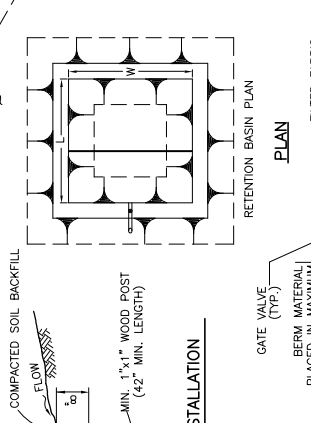
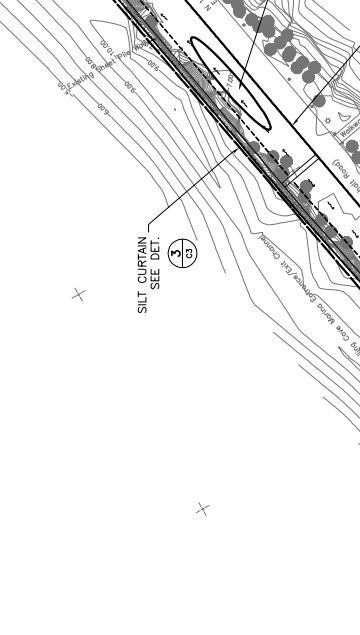
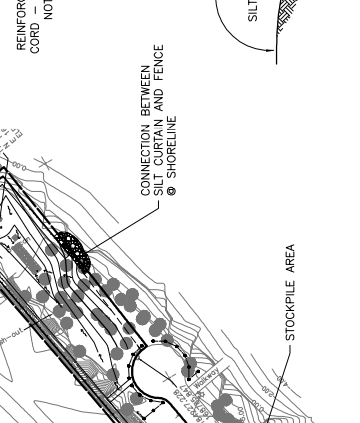
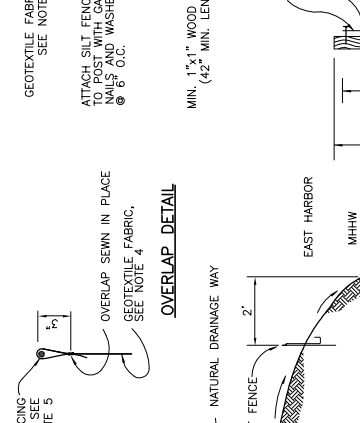
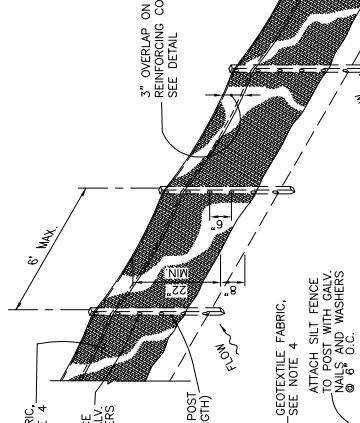
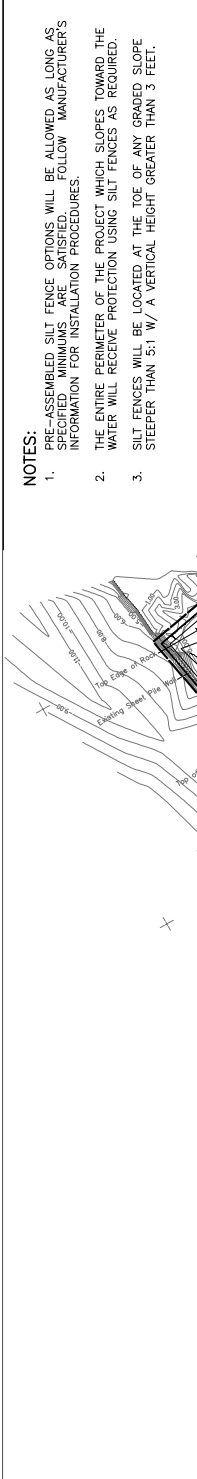


**2 SECTION-BASE BID**  
 SCALE (E)

A/E FIRM	DESIGNED:	SUB SHEET NO.
WINZLER & KELLY SAPPA, MI	GCM GCM GCM	C2
SUBCONTRACTOR	TECH. REVIEW:	
	FAS	
	DATE: 06/08	

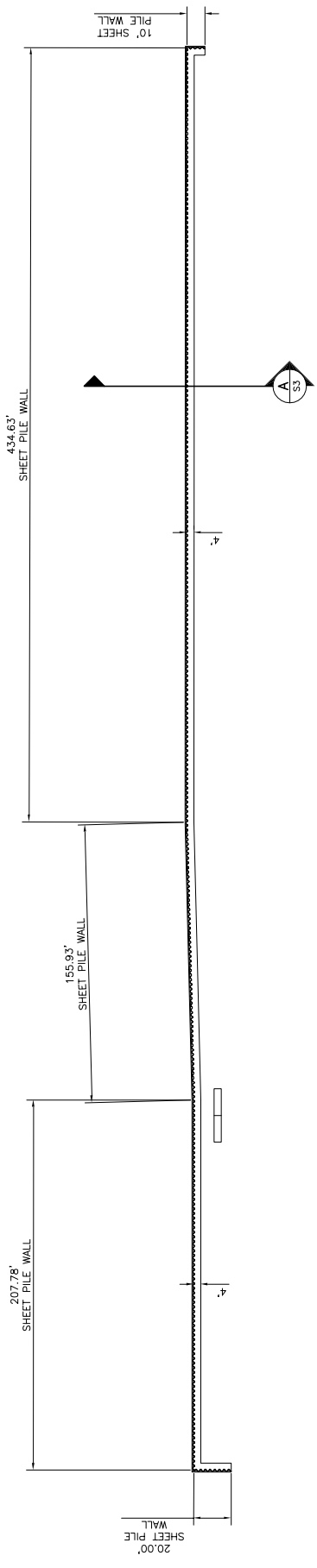
TITLE OF SHEET	
SITE LAYOUT PLAN BID OPTION B & SECTIONS	
AMERICAN MEMORIAL PARK	
DRAWING NO.	483
PMS/PKG NO.	13044BA
SHEET	3 of 5

- NOTES:**
- PRE-ASSEMBLED SILT FENCE OPTIONS WILL BE ALLOWED AS LONG AS SPECIFICATIONS AND INSTALLATION PROCEDURES ARE FOLLOWED.
  - THE ENTIRE PERIMETER OF THE PROJECT WHICH SLOPES TOWARD THE WATER WILL RECEIVE PROTECTION USING SILT FENCES AS REQUIRED.
  - SILT FENCES WILL BE LOCATED AT THE TOE OF ANY GRADED SLOPE STEEPER THAN 5:1 W/ A VERTICAL HEIGHT GREATER THAN 3 FEET.
  - GEOTEXTILE FABRIC SHALL MEET THE FOLLOWING CRITERIA:
    - GRAB TENSILE STRENGTH 100 lbs. (min.)
    - MULLEN BURST 250 psi (min.)
    - EQUIVALENT OPENING SIZE SHALL BE SMALLER THAN OR EQUAL TO A STD. #60 SIEVE.
    - MATERIAL SHALL BE SUITABLE FOR LONG TERM EXPOSURE TO SUNLIGHT.
  - REINFORCING CORD SHALL HAVE A MIN. TENSILE STRENGTH OF 500 lbs.

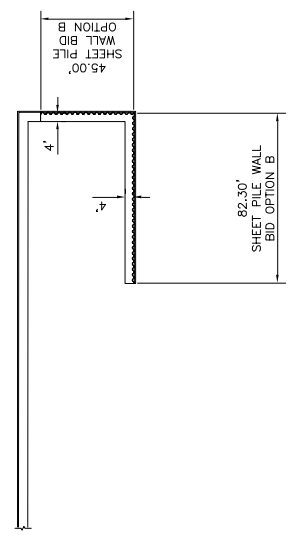


- NOTES:**
- SPOILS TO BE DISCHARGED DIRECTLY INTO THE RETENTION BASIN AS SHOWN IN DETAIL 2. CONTRACTOR SHALL CONSTRUCT RETENTION BASINS IN NUMBERS AND LOCATIONS AS NEEDED TO MEET THE APPROVED CONSTRUCTION SCHEDULE.
  - SPOILS TO REMAIN IN THE RETENTION BASIN UNTIL SOLIDS CONTENT REACHES AN ACCEPTABLE LEVEL FOR TRANSFER WITHOUT LOSS OF WATER.
  - REMOVE DEWATERED SPOILS FROM RETENTION BASIN TO STOCKPILE AREA ON SITE.
  - TRANSFER STOCKPILED AND DEWATERED DREDGE SPOILS TO APPROVED FINAL DISPOSAL SITE.
  - CONTRACTOR SHALL CONTACT EMERGENCY MANAGEMENT OFFICE (EMO) FOR UNEXPLODED ORDNANCE (UXO) REMOVAL AND CLEARANCE FROM THE SITE, IF ENCOUNTERED.
  - THE CONTRACTOR SHALL REMOVE MATERIAL THAT INTERFERES WITH THE DREDGING OPERATION AT HIS EXPENSE WITH NO ADDITIONAL CHARGE TO THE GOVERNMENT.

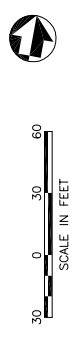
DESIGNED: GOM	SUB SHEET NO. C3	TITLE OF SHEET <b>TEMPORARY SOIL EROSION CONTROL PLAN, INSTALLATION AND DETAILS</b>	DRAWING NO. 483
PRIME: WINZLER & KELLY GOM/JWL SHIPAH, MP	DATE: 06/08	AMERICAN MEMORIAL PARK	PMS/PKG NO. 13044BA
SUBCONTRACTOR: FAS	TECH. REVIEW:		SHEET 4 OF 5



1 SHEET PILE WALL PLAN-BASE BID



2 SHEET PILE WALL PLAN-BID\_OPTION\_B



DESIGNED: CSS		SUB SHEET NO. S1	
PRIME: WINZLER & KELLY SMPAL, MP		TITLE OF SHEET <b>SHEET PILE WALL PLAN BASE BID AND BID OPTION B</b> AMERICAN MEMORIAL PARK	
SUBCONTRACTOR: CL		DRAWING NO. 483	
DATE: 06/08		PMS/PKG NO. 130448A	
		SHEET 5 OF 5	