



US Army Corps
Of Engineers
Wilmington District

PUBLIC NOTICE

Issue Date: June 13, 2005
Comment Deadline: June 27, 2005
Corps Action ID #: 200400940

All interested parties are hereby advised that the Wilmington District, Corps of Engineers (Corps) has received an application for work within jurisdictional waters of the United States. Specific plans and location information are described below and shown on the attached plans. This Public Notice and all attached plans are also available on the Wilmington District Web Site at www.saw.usace.army.mil/wetlands

Applicant: Commanding General, Marine Corps Base Camp Lejeune
AC/S EMD (M. Korenek), PSC Box 20004
Camp Lejeune, North Carolina 28542-0004

AGENT (if applicable): Joseph Avolis
Avolis Engineering
Post Office Box 15564
New Bern, North Carolina 28561

Authority

The Corps will evaluate this application and decide whether to issue, conditionally issue, or deny the proposed work pursuant to applicable procedures pursuant to Section 404 of the Clean Water Act.

Location

The project site, known as SR-7 or P-949, is located at 34-38.91, 77-29.53, in the northeast portion of the Greater Sandy Run Area (GSRA) Training Complex, on the west side of US Highway 17, adjacent to Great Sandy Run Pocosin, just south of Verona, Onslow County, North Carolina.

Existing Site Conditions

The current SR-7 range, formerly known as P-949, was constructed in the mid-1990's for tank and light armored vehicle training. This range was one of the earlier built ranges associated with a comprehensive plan to construct a multi-range complex for military training maneuvers from infantry small arms fire to heavy armored vehicles. In order to develop the SR-7 Range, Camp Lejeune was required to obtain a Department of the Army permit. Authorization, via an

Individual Permit, was granted in April 1995 (Reference Action ID. 199400693) to impact 17.25 acres of jurisdictional wetlands. These impacts were compensated by restoring wetlands within the current Greater Sandy Run Mitigation Bank, which is located just south of the range.

The large range contains a series of tank and armored vehicle trails with target emplacements positioned at strategic locations. The entire range has been cleared of canopy and sub-canopy trees and is kept mowed or drum chopped for visional and safety purposes. The range is underlain with Leon fine Sand and Woodington loamy fine sand, which both are hydric soils. Jurisdictional wetlands are present throughout the range.

Applicant's Stated Purpose

The purpose of the proposal is to provide additional small arm targets for M-16 rifle training using 200, 400, and 600-meter distances. The targets will be used by dismounting infantryman, or foot soldiers, that work in unison with tank and light armored vehicles. Current conditions at SR-7 effectively reduce the use of rifle training, which result in inefficient training for infantryman. Permanent roads will be constructed in order to adequately service and repair to these targets. These roads will allow maintenance vehicles and equipments to access the targets on a regular basis year-round without being delayed or prohibited during wet conditions.

Project Description

The project proposal will provide a total of 26 additional target emplacements within Range SR-7. The targets will be small "Pop-up" targets with a 10' by 10' footprint or base per target. Each target will be positioned on a 6-ft. by 6-ft. level fill pad, at 1.0 foot above the existing wetland elevations. These targets will be grouped into three areas, two groups of (9) targets and one group of (8) targets. To service the groups of targets, three access roads are needed so maintenance and service on the emplacements can be conducted. Each road will be constructed with a top width of 12 feet at 2:1 slopes, totaling 22 feet wide, and will vary in length. The roads will be 170 feet, 234 feet, and 275 feet long, and will contain a 37-foot wide by 22-foot long turn around area at the terminus of each road. Geotextile fabric will be placed at original elevations and clean earthen fill material will be deposited over the fabric to 2.5 feet above the original contours. The road will be capped with 6-inches of ABC stone and the slopes seeded for stabilization. No roadside ditches are proposed.

The construction of the targets and service roads will impact 0.418 acre of jurisdictional wetlands. To adequately compensate for these wetlands impacts, the applicant is proposing to utilize the existing GSRA Mitigation Bank at a ratio of 4:1, which will total the mitigation at 2.92 acres of wetlands. All restoration construction has been completed within the bank and the site is currently in its third monitoring period.

Other Required Authorizations

This notice and all applicable application materials are being forwarded to the appropriate State agencies for review. The Corps will generally not make a final permit decision until the North Carolina Division of Water Quality (NCDWQ) issues, denies, or waives State certification

required by Section 401 of the Clean Water Act (PL 92-500). The receipt of the application and this public notice in the NCDWQ Central Office in Raleigh serves as application to the NCDWQ for certification. A waiver will be deemed to occur if the NCDWQ fails to act on this request for certification within sixty days of the date of the receipt of this notice in the NCDWQ Central Office. Additional information regarding the Clean Water Act certification may be reviewed at the NCDWQ Central Office, 401 Oversight and Express Permits Unit, 2321 Crabtree Boulevard, Raleigh, North Carolina 27604-2260. All persons desiring to make comments regarding the application for certification under Section 401 of the Clean Water Act should do so in writing delivered to the North Carolina Division of Water Quality (NCDWQ), 1650 Mail Service Center, Raleigh, North Carolina 27699-1650 Attention: Ms Cyndi Karoly (all other projects) by June 27, 2005.

The applicant has not provided to the Corps, a certification statement that his/her proposed activity complies with and will be conducted in a manner that is consistent with the approved North Carolina Coastal Zone Management Program. Pursuant to 33 CFR 325.2(b)(2), the Corps can not issue a permit for the proposed work until the applicant submits such a certification to the Corps and the North Carolina Division of Coastal Management (NCDCM), and the NCDCM notifies the Corps that it concurs with the applicant's consistency certification.

Cultural Resources

The Corps has consulted the latest published version of the National Register of Historic Places and is not aware that any registered properties, or properties listed as being eligible for inclusion therein are located within the project area or will be affected by the proposed work. Presently, unknown archeological, scientific, prehistoric, or historical data may be located within the project area and/or could be affected by the proposed work.

Endangered Species

The Corps has reviewed the project area, examined all information provided by the applicant and consulted the latest North Carolina Natural Heritage Database. Based on available information, the Corps is not aware of the presence of species listed as threatened or endangered or their critical habitat formally designated pursuant to the Endangered Species Act of 1973 (ESA) within the project area. A final determination on the effects of the proposed project will be made upon additional review of the project and completion of any necessary biological assessment and/or consultation with the U.S. Fish and Wildlife Service."

It should be noted that Section 7 consultation with the U.S. Fish and Wildlife Service was conducted during the original permit review and no listed species were present at that time.

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 on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the proposal, must be balanced

against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values (in accordance with Executive Order 11988), land use, navigation, shoreline 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 the discharge of dredged or fill materials in waters of the United States, the evaluation of the impact of the activity on the public interest will include application of the Environmental Protection Agency's 404(b)(1) guidelines.

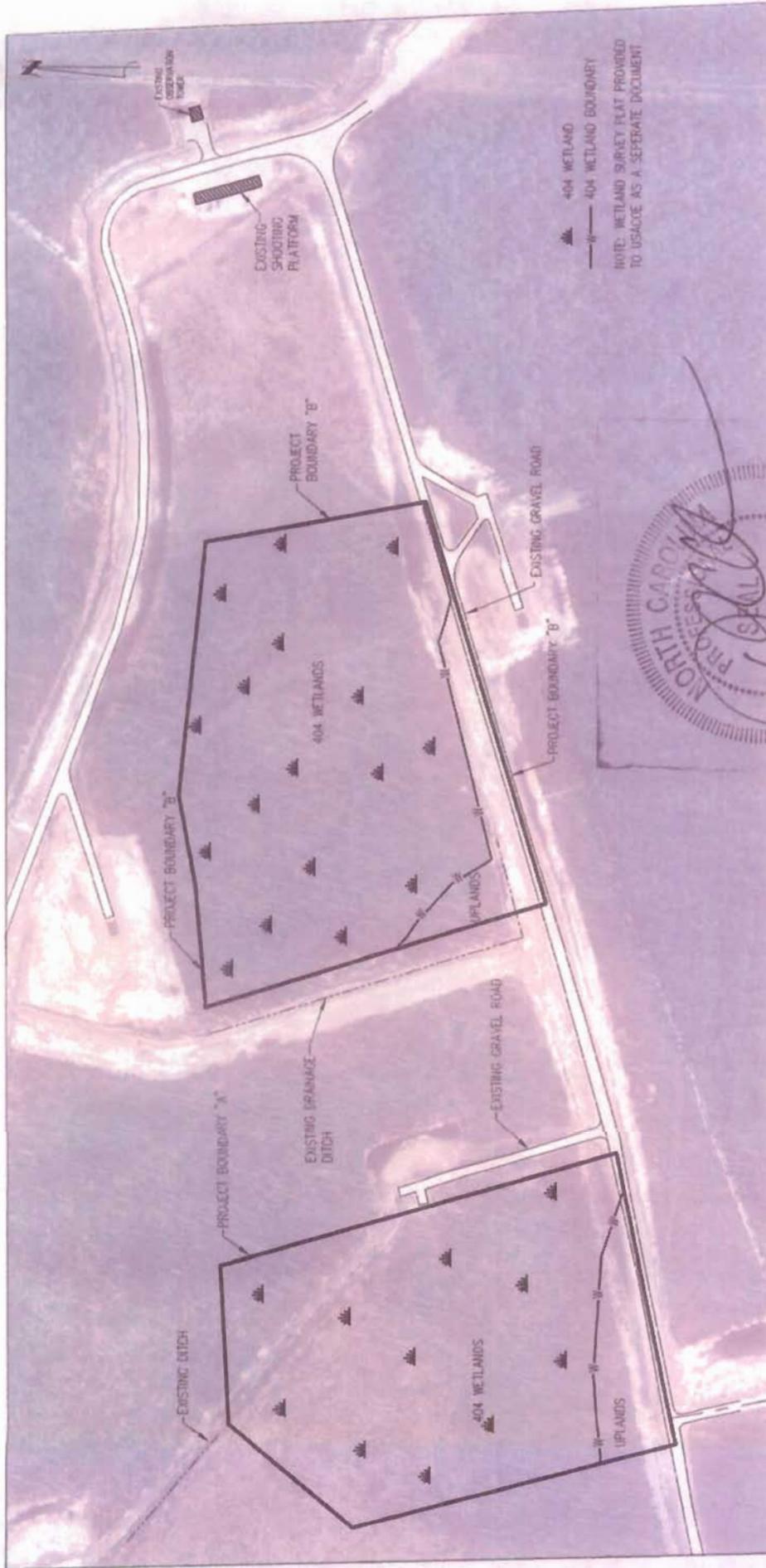
Commenting Information

The Corps is soliciting comments from the public; Federal, State and local agencies and officials; Indian Tribes 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 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 (EA) and/or an Environmental Impact Statement (EIS) pursuant to the National Environmental Policy Act (NEPA). Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing. Requests for a public hearing shall be granted, unless the District Engineer determines that the issues raised are insubstantial or there is otherwise no valid interest to be served by a hearing.

Written comments pertinent to the proposed work, as outlined above, will be received by the Corps of Engineers, Wilmington District, until 5 pm, June 27, 2005. Comments should be submitted to Mr. Brad Shaver, Post Office Box 1890, Wilmington North Carolina 28402-1890. If you have questions, please contact Mr. Shaver at (910) 251-4611.

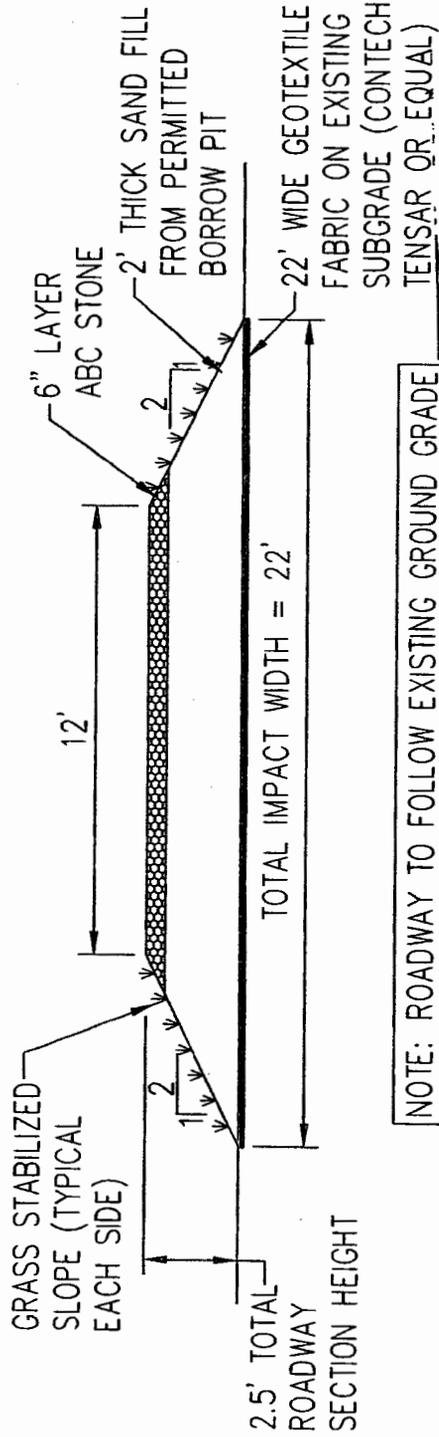




WETLAND DELINEATION
 RANGE SR-7 M-16 TARGET SITE AREA
 GREATER SANDY RUN AREA
 MARINE CORPS BASE
 CAMP LEJEUNE, NC
 JUNE 28, 2004

AVOLIS ENGINEERING, P.A.
 Civil and Environmental Engineering
 PO BOX 15564 NEW BERN, NORTH CAROLINA 28561
 PHONE: (252)633-0068, FAX (252)633-6507



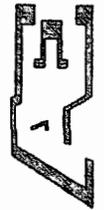


NOTE: ROADWAY TO FOLLOW EXISTING GROUND GRADE

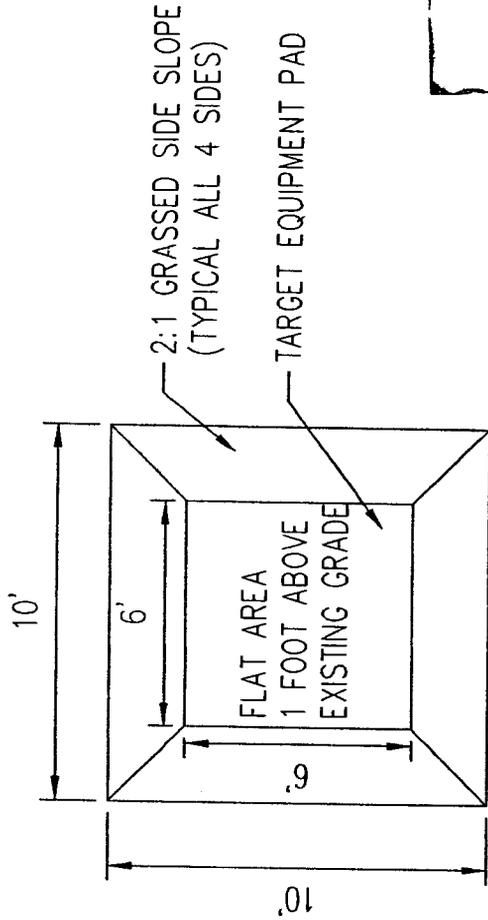
SECTION
SCALE: 1"=5'



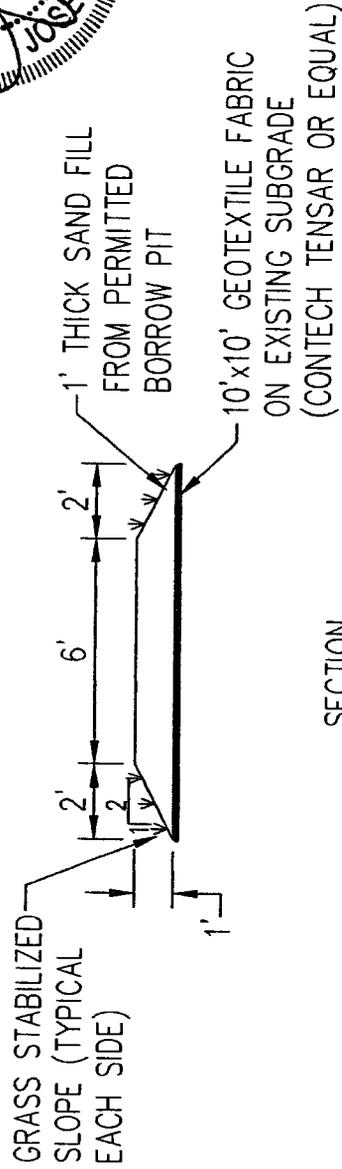
TYPICAL ROADWAY CROSS-SECTION
RANGE SR-7 M-16 TARGET SITES
GREATER SANDY RUN AREA
MARINE CORPS BASE
CAMP LEJEUNE, NC
JUNE 28, 2004



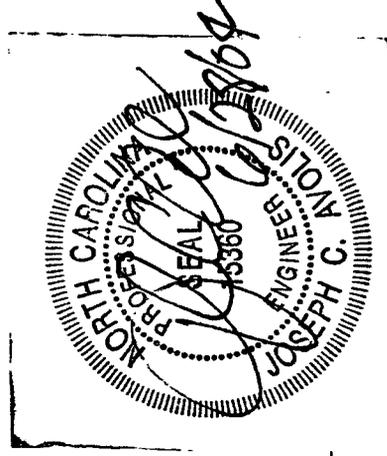
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PLAN
SCALE: 1"=5'

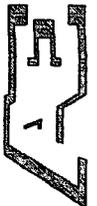


SECTION
SCALE: 1"=5'



TYPICAL M-16 TARGET SITE
RANGE SR-7 M-16 TARGET SITES
GREATER SANDY RUN AREA
MARINE CORPS BASE
CAMP LEJEUNE, NC
JUNE 28, 2004

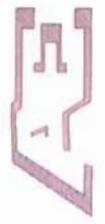
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PHONE: (252)633-0068, FAX (252)633-6507





RANGE SR-7 M-16 TARGET SITES - SERVICE ROAD C
 GREATER SANDY RUN AREA
 MARINE CORPS BASE
 CAMP LEJEUNE, NC
 JUNE 28, 2004

AVOLIS ENGINEERING, P.A.
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 PO BOX 15564 NEW BERN, NORTH CAROLINA 28561
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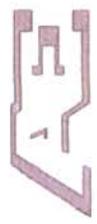




PROFESSIONAL SEAL
 NORTH CAROLINA
 CIVIL ENGINEER
 JOSEPH C. AVOLIS
 15360
 3/20/05

RANGE SR-7 M-16 TARGET SITES - SERVICE ROADS A & B
 GREATER SANDY RUN AREA
 MARINE CORPS BASE
 CAMP LEJEUNE, NC
 JUNE 28, 2004

AVOLIS ENGINEERING, P.A.
 Civil and Environmental Engineering
 PO BOX 15564 NEW BERN, NORTH CAROLINA 28561
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WETLAND IMPACT CALCULATIONS
 RANGE SR-7 M-16 TARGET SITES
 GREATER SANDY RUN AREA
 MARINE CORPS BASE
 CAMP LEJEUNE, NC

SERVICE ROAD "A"

TURN-AROUND AREA

ROAD = (170' x 22') + (15' x 22') = 4,070 SF

TARGETS = 9 EACH * (10' x 10') = 900 SF

SERVICE ROAD "B"

ROAD = (275' x 22') + (15' x 22') = 6,380 SF

TARGETS = 9 EACH * (10' x 10') = 900 SF

SERVICE ROAD "C"

ROAD = (234' x 22') + (15' x 22') = 5,478 SF

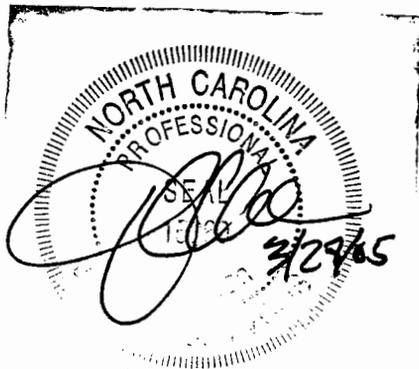
TARGETS = 8 EACH * (10' x 10') = 800 SF

TOTAL ROADWAY IMPACT = 15,928 SF

TOTAL TARGET SITE IMPACT = 2,600 SF

TOTAL OVERALL WETLAND IMPACT = 18,528 SF
 " " " " = 0.425 ACRES

Avolis Engineering, PA
 PO Box 15564
 New Bern, NC 28560
 (252) 633-0068
 (252) 633-6507 FAX



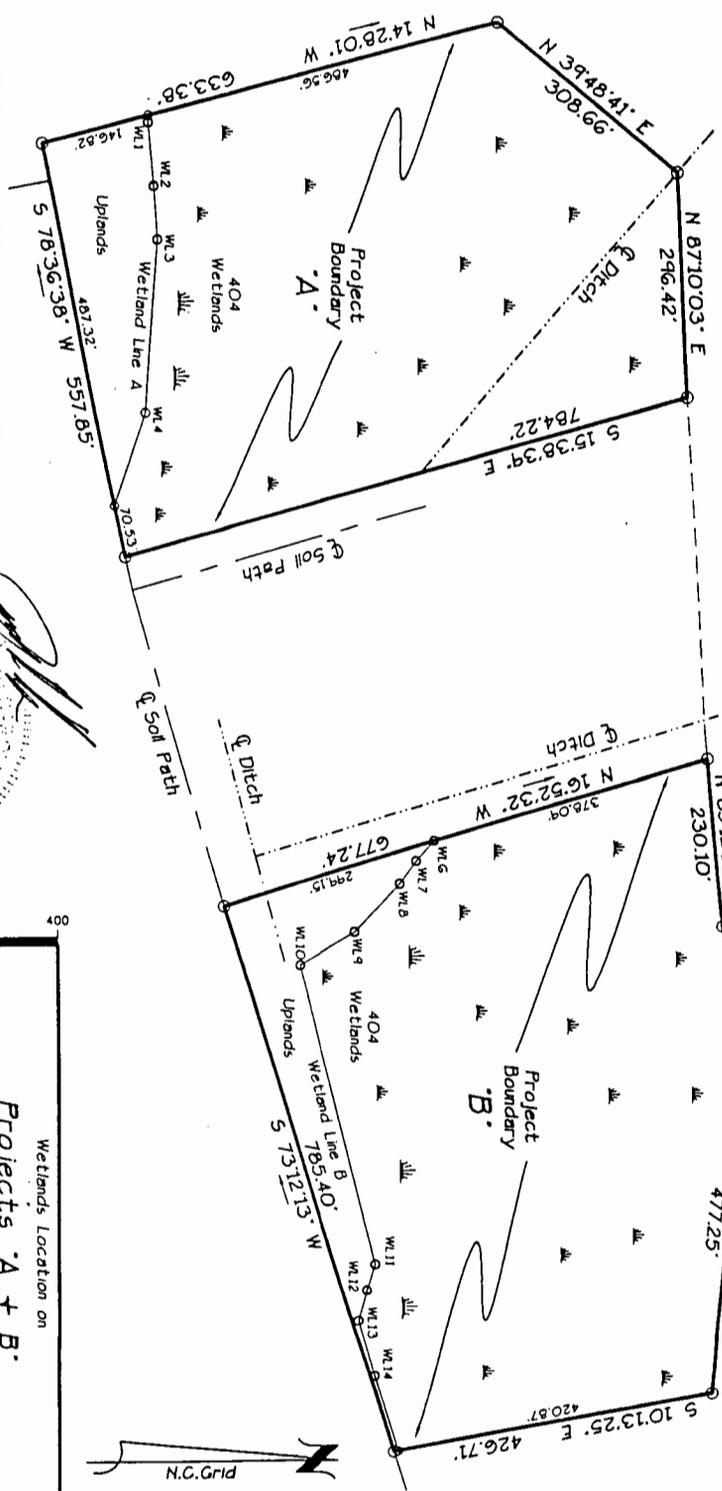
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Wetland Line A					
NORTHING	EASTING	POINT	BEARING	LENGTH	POINT
329769.74	2453046.08	PB	S 88°41'50" E	902	WL1
329769.54	2453055.09	WL1	N 85°08'30" E	840.3	WL2
329776.65	2453138.82	WL2	N 85°57'04" E	72.01	WL3
329781.74	2453210.65	WL3	S 86°03'21" E	225.65	WL4
329766.22	2453435.76	WL4	S 71°06'36" E	131.88	PB

U.S. ARMY CORPS OF ENGINEERS CERTIFICATE

THIS CERTIFIES THAT THIS COPY OF THIS PLAT IDENTIFIES AS WETLANDS ALL AREAS OF WETLANDS REGULATED PURSUANT TO SECTION 404 OF THE CLEAN WATER ACT AS DETERMINED BY THE UNDERSIGNED ON THIS DATE. UNLESS THERE IS A CHANGE IN THE LAW OR OUR PUBLISHED REGULATIONS, THIS DETERMINATION OF SECTION 404 JURISDICTION MAY BE RELEASABLE UPON FOR A PERIOD NOT TO EXCEED FIVE (5) YEARS FROM THIS DATE. THIS DETERMINATION WAS MADE UTILIZING THE 1987 CORPS OF ENGINEERS WETLANDS DELINEATION MANUAL.

(NAME) _____
 (TITLE) _____
 (DATE) _____



Wetland Line B					
NORTHING	EASTING	POINT	BEARING	LENGTH	POINT
330155.94	2454012.09	WL6	S 48°50'21" E	36.52	WL7
330131.90	2454039.59	WL7	S 54°04'54" E	38.14	WL8
330109.53	2454070.48	WL8	S 46°24'22" E	89.54	WL9
330047.79	2454135.32	WL9	S 31°31'36" E	88.12	WL10
330972.67	2454181.40	WL10	N 76°09'48" E	419.92	WL11
330073.10	2454588.14	WL11	S 72°25'17" E	37.20	WL12
330061.87	2454624.60	WL12	S 74°44'43" E	44.14	WL13
330050.25	2454667.18	WL13	N 75°10'06" E	81.45	WL14
330071.10	2454745.42	WL14	N 73°14'30" E	108.48	PB

THIS PLAT IS FOR WETLAND LOCATION ONLY AND IS THE RESULT OF FIELD LOCATION WITH SUB-METER GPS UNIT.

Wetlands Location on
Projects 'A' + 'B'
 for
MCB Camp Lejeune
 Onslow County, North Carolina

26 Additional Target Sites - Range SR-7

MCB Camp Lejeune
 DATE: Aug 5, 2004
 JOB No: 4126
 SCALE: 1" = 200'

Atlantic Survey + Design, PA
 1305 Country Club Road
 New Bern, North Carolina
 (252) 633-6649