

N60200.AR.008989
NAS CECIL FIELD
5090.3a

STATEMENT OF WORK SITE 18 UXO REMOVAL WITH TRANSMITTAL NAS CECIL FIELD
FL
8/23/1995
NAVFAC SOUTHERN

submit to Mike Euten



DEPARTMENT OF THE NAVY

SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
P.O. BOX 190010
2155 EAGLE DRIVE
NORTH CHARLESTON, S.C. 29419-9010

*This SOW
has been sent
to FDEP.*

5090/13
Code 1879
23 August 95

From: Commanding Officer, Southern Division, Naval Facilities Engineering Command,
Charleston, SC

To: Commanding Officer, Naval Air Station, Cecil Field (Attn: Dave Kruzicki)

Subj: STATEMENT OF WORK, INSTALLATION RESTORATION SITE 18
UNEXPLODED ORDNANCE REMOVAL

Encl: (1) Statement of Work and Site Maps

1. As requested per our telephone conversation of 18 August 95, enclosure (1) is provided to delineate our plans to remove unexploded ordnance (UXO) at Installation Restoration (IR) site 18. It is requested that the station submit this workplan to the Army Corp of Engineers to determine (1) if they have cognizance over this wetland and (2) whether a permit is required or not. It should be emphasized to the Corp that the Navy is seeking an emergency type of removal due to the inherent dangers of potentially live ordnance and seek to expedite the permit/approval process.

2. As always, if you should have any questions or require any additional information, please do not hesitate to contact me at (803)743-0526 or DSN 563-0526.

A handwritten signature in black ink that reads "Mark E. Davidson".

MARK E. DAVIDSON

By direction

Copy to:

ABB Environmental Services (Lisa Routhier, Andrew Lonergan, Rao Angara)

USEPA Region IV (Bart Reedy)

FDEP (Mike Deliz)

STATEMENT OF WORK SITE 18 UXO REMOVAL

Background: Potential unexploded ordinance has been located on both the east and west side of an old abandoned wooden bridge at Site 18. Site 18 is located on the East side of the base in the middle of a pine thicket. See attached location map.

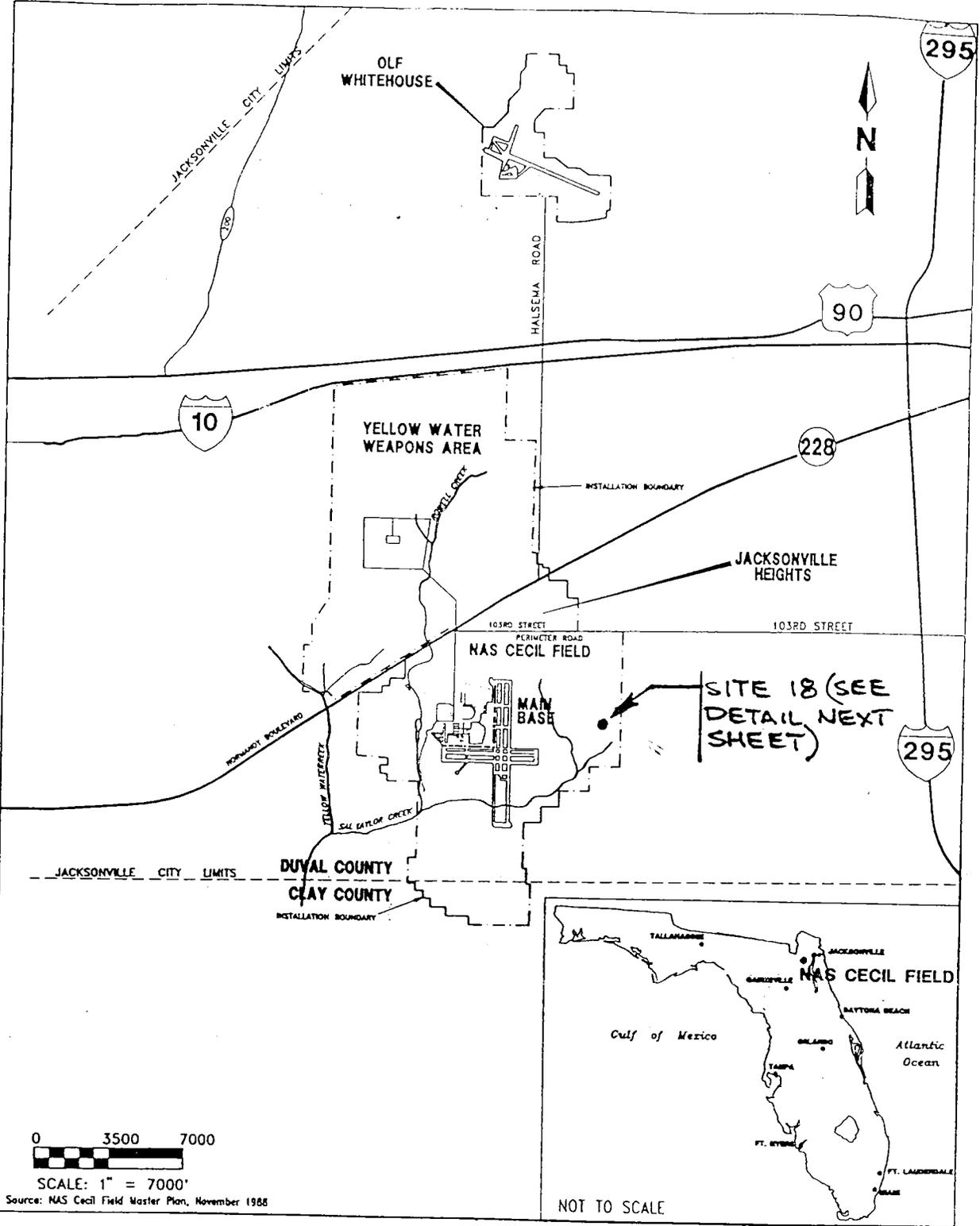
In order to remove the ordnance, our EOD Mayport team must physically excavate within the creek bed to a depth of approximately 4 feet to recover the identified anomalies for inspection and proper disposal. Estimated width of trench is approximately 4 feet. Length of trench will be approximately 20 feet, the width of the creek bed.

PROPOSED METHOD OF OPERATION:

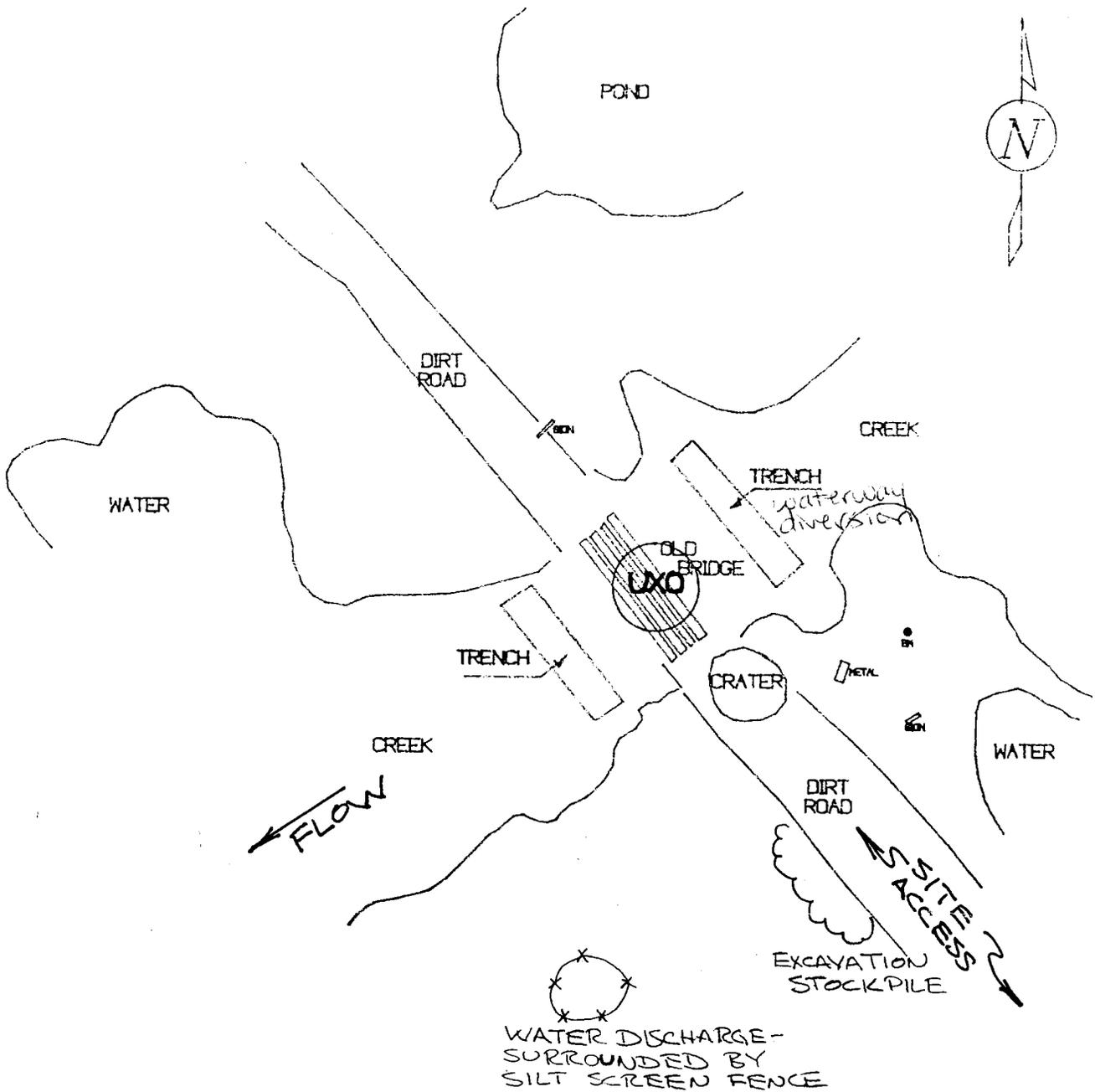
- **SCHEDULE:** Schedule excavation during dry period (normally late summer) when the creek bed is dry.
- **EXCAVATION EQUIPMENT:** Excavate trenches with either a rubber-tired backhoe or a tracked excavator, depending on availability, and shovels.
- **DEWATERING:** Water level in trenches will be maintained 4 feet below stream bed utilizing appropriately sized mud pumps.
- **SILTATION CONTROL:** Effluent from the pumps will be piped a sufficient distance from the creek channel to prevent siltation. A silt fence will be installed around the discharge area to further reduce the possibility of siltation. *staggered silt fencing (i.e., not continuous)*
- **EXCAVATION PROCESS:** Excavation will proceed, as anomalies are located, utilizing a procedure of hand digging supported by mechanical excavation. The process is to only mechanically excavate a hole large enough to permit EOD personnel to "shovel" undisturbed soil into the previously excavated hole to uncover UXO by hand to minimize explosion potential. The process will start on the South and proceed across the stream channel. No mechanical equipment will be permitted in the stream bed. See attached map.
- **EXCAVATION STOCKPILE:** Only about 3-5 yards from each trench will be removed from the trench. The remainder of the excavated soil will only be moved laterally as the excavation process continues. Total soil disturbance within the creek bed is estimated to be less than 100 cys. Any soil actually removed from the creek bed will be stockpiled along the access road shoulder and protected with silt fence. Removed soil will be replaced when all UXO materials have been removed.
- **TREE REMOVAL:** Several small trees which have become implanted along the old bridge abutment will need to be cut to permit access and swing by the backhoe. All trees removed will be disposed of offsite. No slash will be permitted in the stream channel.
- **BRIDGE REMOVAL:** The old bridge is rotting and has fallen through in many places. The bridge decking and stringers will be removed to reduce the potential for a hunter or hiker from falling through the deck and becoming injured. Material removed will be disposed of offsite.
- **COMPLETION SCHEDULE:** Estimated time to complete excavation and UXO survey - 2 days.

Commence upon receipt of permit.

*Base Civil is preparing survey
CO
LUCOR State*



IR SITE 18 DETAIL



mark spot where spoil will be stockpiled.

Mark dimensions of trench

Make sure discharge is in an upland area.
label crater as was found



3.8.1
2070-8520

Department of Environmental Protection

Lawton Chiles
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Virginia B. Wetherell
Secretary

SUBMERGED LANDS AND ENVIRONMENTAL RESOURCES PROGRAM PERMITTING SECTION

October 18, 1995

USN/NAS Cecil Field
c/o Lisa Routhier
AEB Environmental Services, Inc.
1536 Kingsley Avenue, Suite 127
Orange Park, Florida 32073

File No.: 162782132

Dear Ms. Routhier:

This is to acknowledge receipt of your application, File number 162782132 on September 28, 1995, for a wetland resource permit, pursuant to Chapter(s) 373 and/or 403, Florida Statutes, and, if needed, an authorization to use sovereignty submerged lands, pursuant to Chapter(s) 253 and/or 258, Florida Statutes to remove explosive from a marsh.

This letter constitutes notice that a permit will be required for your project pursuant to Chapters 403 and 373, Florida Statutes.

Your application for permit is complete as of **September 28, 1995**, and processing has begun. You are advised that the Department under Chapter 120, Florida Statutes, must take final action on your application within ninety (90) days unless the time is tolled by an administrative hearing.

As mentioned, your project may also require an authorization to use sovereignty submerged lands from this Department, acting as the designated agent for the Board of Trustees of the Internal Improvement Trust Fund, in the form of a **Consent of Use**, pursuant to Chapter 253.77, Florida Statutes. The location of your proposed project is currently being reviewed by our Title and Land Records Section to determine if state-owned submerged lands will be affected.

USN/NAS Cecil Field
October 18, 1995
Page Two

If you have any questions, please contact the undersigned at (904) 448-4340, extension 330. When referring to this project, please use the file number indicated.

Sincerely,


Steve Sabia
Environmental Specialist
Permitting Section

SS:js



September 28, 1995

8520-2061

Florida Department of Environmental Protection
Suite B200
7825 Baymeadows Way
Jacksonville, FL 32256-7577
Attn: Mike Eaton

Subject: Application for Works in the Waters of Florida

Dear Mr. Eaton:

Enclosed are four copies of the subject permit application. We have reviewed the information provided in this application with Mr. Sabia of your office. If additional information is required or if you have any questions, please do not hesitate to contact me at (904) 269-7012 (ext. 102). We appreciate your processing of this application in a timely manner.

Respectfully,
ABB ENVIRONMENTAL SERVICES, INC.

Lisa M. Routhier
Project Manager

cc: File (2.10.2)
R. Angara
M. Davidson SouthDiv - code 1879

ABB Environmental Services, Inc.



Florida Department of Environmental Regulation

Twin Towers Office Bldg • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # 17-312-0001
Form Title: Joint App. for Works in the Waters of Florida
Effective Date: October 30, 1997
DER Application No. (Filled in by DER)

Joint Application for Works in the Waters of Florida

Department of the Army (Corps)/Florida Department of Environmental Regulation (DER)/
Department of Natural Resources (DNR)/Delegated Water Management District (Delegated WMD)

Type or Print Legibly

Form with sections: 1. Applicant's Name and Address (USN/NAS Cecil Field), 2. Name, Address, Zip Code, Telephone Number and Title of Applicant's Authorized Agent (Routhier, Lisa), 3. Name of Waterway at Work Site (Tributary to Sal Taylor Creek), 4. Street, Road or Other Location of Work (Perimeter Road), 5. Names, Addresses, and Zip Codes of Adjacent Property Owners.

6. Proposed Use (Check one or more as applicable) Private Single Family Multi Family
 Public Commercial New Work Alteration of Existing Works Maintenance Other (Explain) _____

7. Desired Permit Duration (see Fee Schedule)
 5 Yr 10 Yr Other (Specify) _____

8. General Permit or Exemption Requested
 DER General Permit FAC Rule 17-312. _____ DER Exemption FAC Rule 17-312. _____ Section 403. _____ F.S.

9. Total Extent of Work in Jurisdictional Open Waters or Wetlands: (Use additional sheets and provide complete breakdown of each category if more space is needed.)

a. Within Corps Jurisdiction:
 Fill: 360 Sq. Ft. .008 Acres 54 Cu. Yds.
 Excavation: 360 Sq. Ft. .008 Acres 54 Cu. Yds.

b. Within DER Jurisdiction:
 Fill: 360 Sq. Ft. .008 Acres 54 Cu. Yds.
 Excavation: 360 Sq. Ft. .008 Acres 54 Cu. Yds.
 Excavation Waterward of MHW 54 cu. yds. (Information needed for DNR)

c. DER Jurisdictional Area Severed (Area Landward of Fill Structures which will be Severed):
 _____ Sq. Ft. _____ Acres

d. DER Jurisdictional Area Created (New Excavation from Uplands, Exclusive of Mitigation):
 _____ Sq. Ft. _____ Acres

e. Docks, Piers, and Over Water Structures:
 Total Number of Slips _____ Total Number of Mooring Pilings _____
 Length _____ Width _____ Height above MHW _____
 Length _____ Width _____ Height above MHW _____
 Number of Finger Piers _____ Length _____ Width _____ Height _____
 Number of Finger Piers _____ Length _____ Width _____ Height _____
 Total area of structure over waters & wetlands _____ sq. ft.
 Use of structure _____

Will the docking facility provide:	No	Yes	Number
Liveaboard Slips	<input type="checkbox"/>	<input type="checkbox"/>	_____
Fueling Facilities	<input type="checkbox"/>	<input type="checkbox"/>	_____
Sewage Pump-out Facilities	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other Supplies or Services Required for Boating (Excluding refreshments, bait and tackle)	<input type="checkbox"/>	<input type="checkbox"/>	_____

f. Seawall length _____ ft. Seawall material _____
 Riprap revetment length _____ ft. Slope _____ H: _____ V Toe width _____ ft.
 Riprap at toe of seawall length _____ ft. Slope _____ H: _____ V Toe width _____ ft.
 Size of riprap _____
 Type of riprap or seawall material _____

g. Other (See Item 10).

10. Description of Work (be specific; use additional sheets as necessary).

See Attached Statement of Work

11. Turbidity, Erosion, and Sedimentation Controls Proposed:

The work will be conducted in the dry season at low flow such that turbidity, erosion, and sedimentation are minimized. A mud pump will be utilized to draw down the area for UXO excavation, see the attached drawing for details. If necessary, a turbidity barrier will be installed within the creekbed downstream and utilized.

12. Date Activity is Proposed to Commence October 1995 ; to be Completed October 1995
 Total Time Required to Construct 2-4 days

13. Previous Applications for this Project have been:	DER No.	Corps No.
A. Denied (date) _____	_____	_____
B. Issued (date) _____	_____	_____
C. Other (please explain) _____	_____	_____

Differentiate between existing work and proposed work on the drawings.

14. Certification. Application is hereby made for a permit or permits to authorize the activities described herein.

A. I Certify That: (Please check appropriate space)

- I am the record owner ; lessee , or the record easement holder of the property on which the proposed project is to be undertaken, as described in the attached legal document.
- I am not the record owner, lessee, or record easement holder of the property on which the proposed project is to be undertaken, as described in the attached legal document, but I will have, before undertaking the proposed work, the requisite property interest. (Please explain what the interest will be and how it will be acquired.)

Attach legal description of property or copy of deed to the property on which project is to occur (must be provided)

B. I understand I may have to provide any additional information/data that may be necessary to provide reasonable assurance or evidence that the proposed project will comply with the applicable State Water Quality Standards or other environmental standards both before construction and after the project is completed.

C. In addition, I agree to provide entry to the project site for inspectors with proper identification or documents as required by law from the environmental agencies for the purpose of inspecting the site. Further, I agree to provide entry to the project site for such inspectors to monitor permitted work, if a permit is granted.

D. This is a Joint Application and is not a Joint Permit. I hereby acknowledge the obligation and responsibility for obtaining all of the required state, federal or local permits before commencement of construction. I also understand that before commencement of this proposed project, I must be granted separate permits or authorizations from the U.S. Corps of Engineers, the U.S. Coast Guard, the Department of Environmental Regulation, the Delegated Water Management District (where applicable), and the Department of Natural Resources, as necessary.

E. I am familiar with the information contained in this application, and that to the best of my knowledge and belief, such information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities or am acting as the duly authorized agent of the applicant. I understand that knowingly making any false statement or representation in this application is a violation of Section 403.161, F.S. and Chapter 837, F.S.

Lisa M. Routhier
 Typed/Printed Name of Applicant or Agent

Lisa M. Routhier
 Signature of Applicant or Agent

9/28/95
 Date

Project Manager
 (Corporate Title if applicable)

AN AGENT MAY SIGN ABOVE IF APPLICANT COMPLETES THE FOLLOWING:

I hereby designate and authorize the agent listed above to act on my behalf as my agent in the processing of this permit application and to furnish on request, supplemental information in support of the application.

Jim Stader
 Typed/Printed Name of Applicant
Staff Civil Engineer
 (Corporate Title if applicable)

[Signature]
 Signature of Applicant

9/28/95
 Date

15. For your information: Section 370.034, Florida Statutes, requires that all dredge and fill equipment owned, used, leased, rented or operated in the state shall be registered with the Department of Natural Resources. Before selecting your contractor or equipment you may wish to determine if this requirement has been met. For further information, contact the Chief of the Bureau of Saltwater Licenses and Permits, Department of Natural Resources, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399. Telephone No. (904) 487-3122. This is not a requirement for a permit from the Department of Environmental Regulation.

18 U.S.C. Section 1001 provides that, Whoever, in any manner within the jurisdiction of any department or agency of The United States knowingly and willfully falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than five years, or both.

16. Please submit this completed form, with attached drawings and the complete DER processing fee (see Fee Schedule in Rule 17-4050, F.A.C., copy attached) to the appropriate DER or Delegated WMD office with jurisdiction over the project site.

STATEMENT OF WORK

SITE 18 UXO REMOVAL

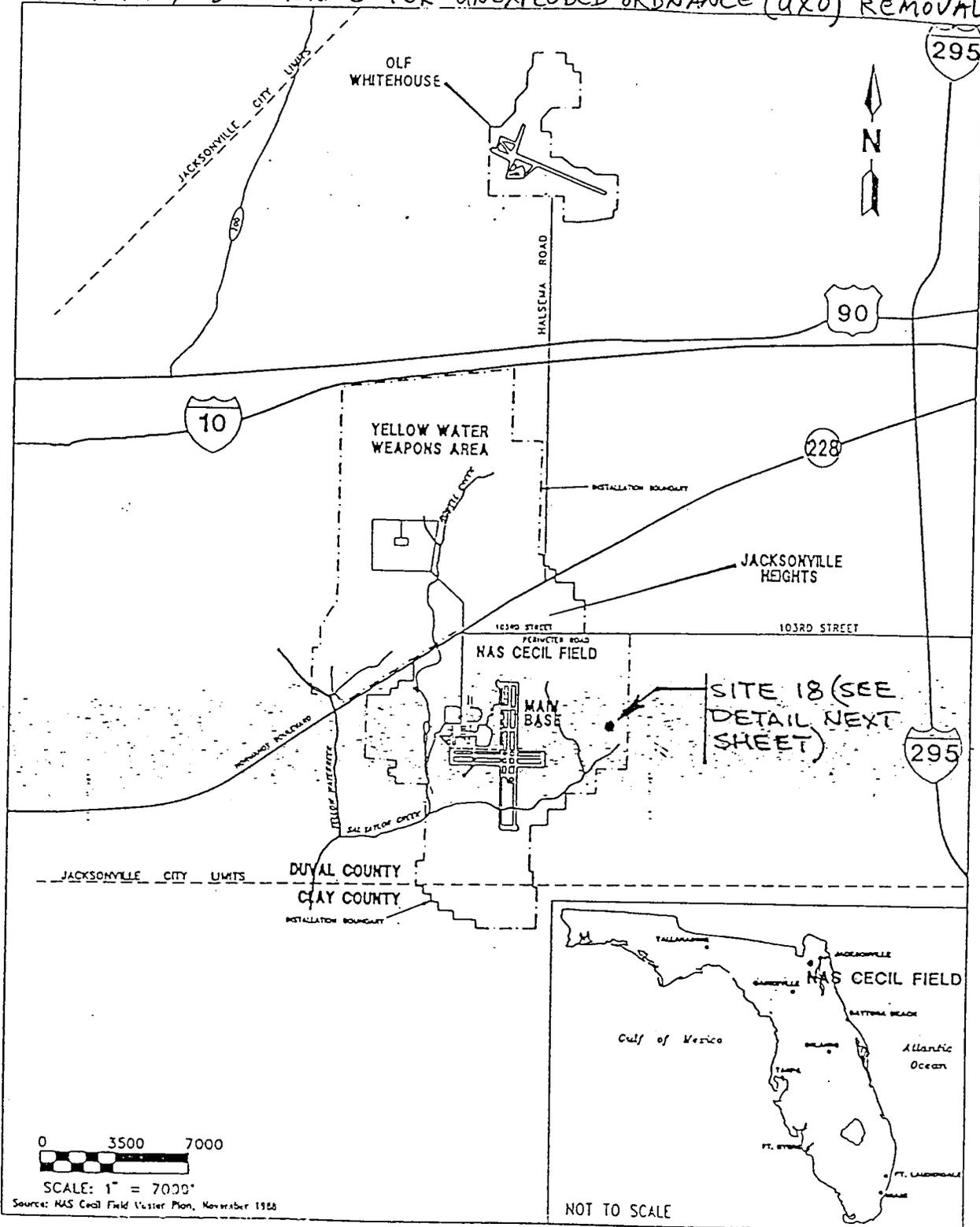
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TEMPORARY DEWATERING FOR UNEXPLODED ORDNANCE (UXO) REMOVAL

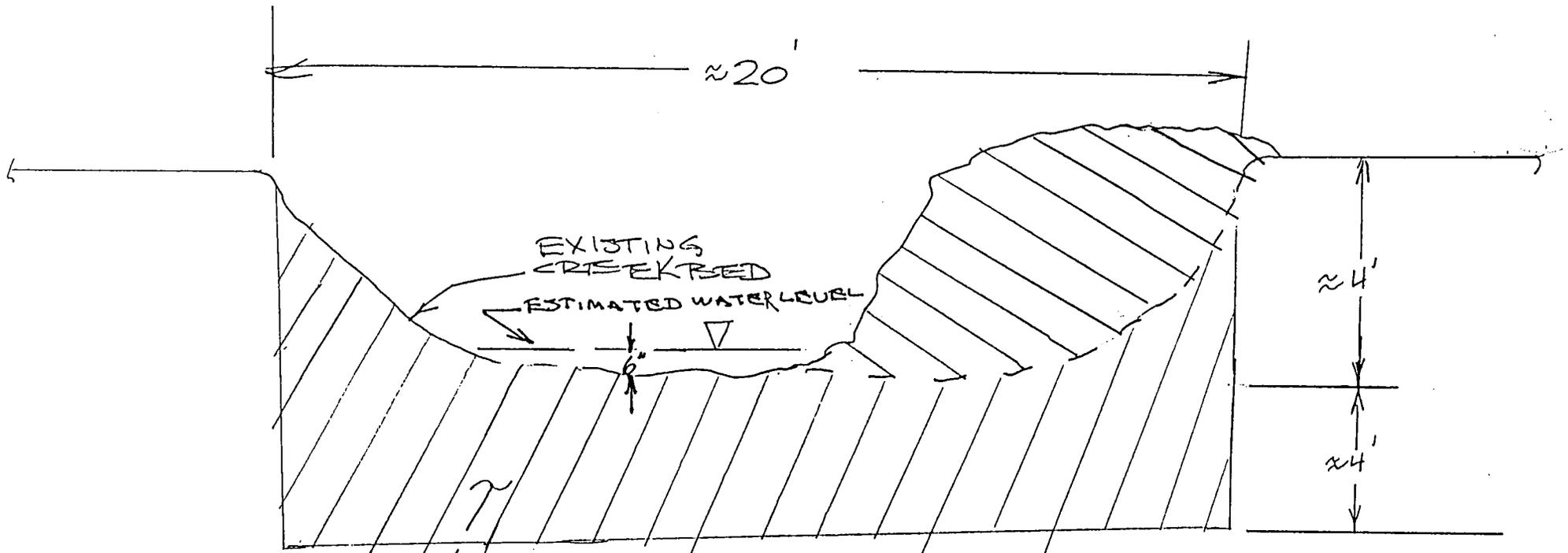


0 3500 7000
 SCALE: 1" = 7000'
 Source: NAS Cecil Field Visitor Plan, November 1988

NOT TO SCALE

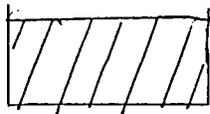
Robert C Linard
 9/27/95

ABB Environmental Services, Inc.
 2590 Executive Center Circle East
 Berkeley Building
 Tallahassee, FL 32301
 Tel. (904) 656-1293
 Fax (904) 942-0131



SEE DETAIL 3
FOR PUMP
LOCATION

LEGEND

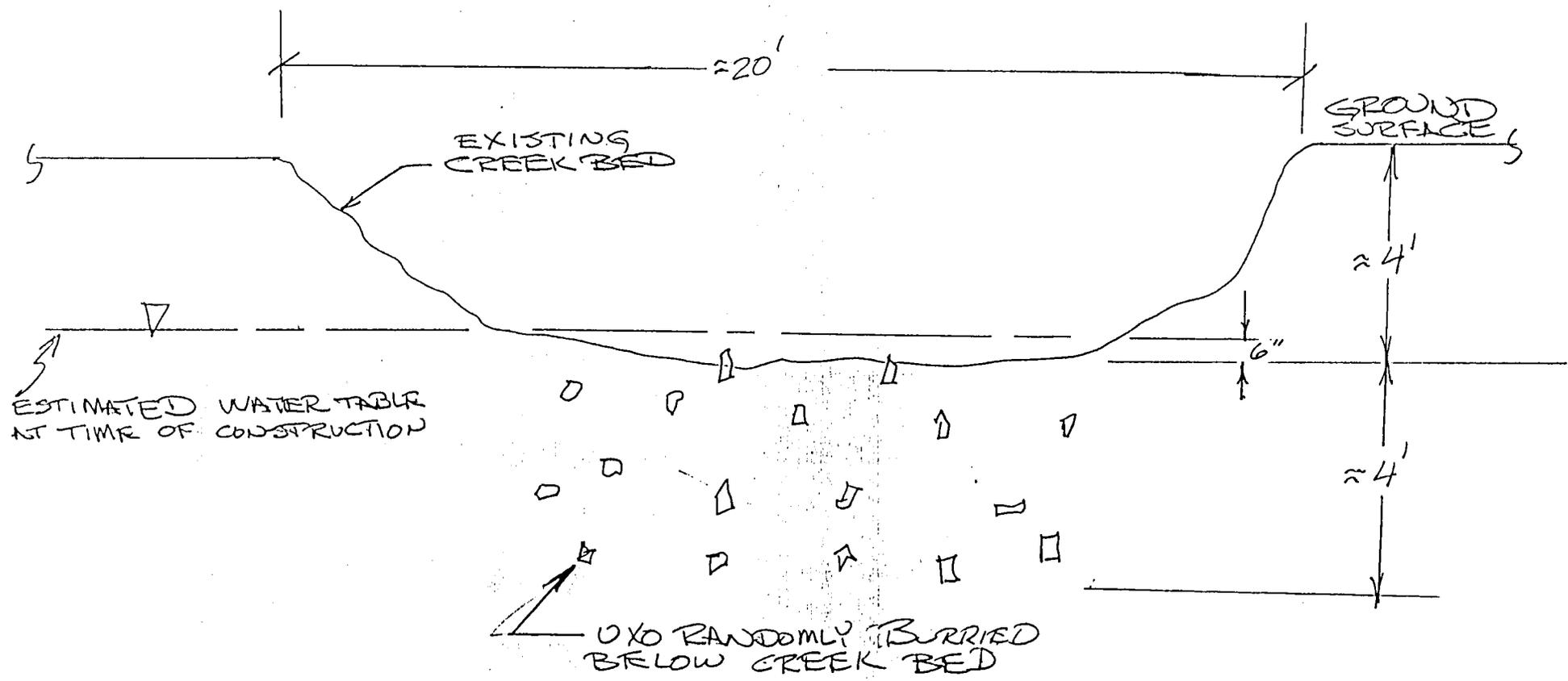
 APPROXIMATE LIMITS OF EXCAVATION (12 YD³ PER TRENCH)

 TEMPORARY STOCKPILE

Robert C. [Signature]
9/27/95

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Berkeley Building
Tallahassee, FL 32301
Tel. (904) 656-1293
Fax (904) 942-0131

DETAIL 1 A-A'
TRENCH SECTIONAL - FACING UPSTREAM
TYPICAL - 2 PLACES - NOT TO SCALE

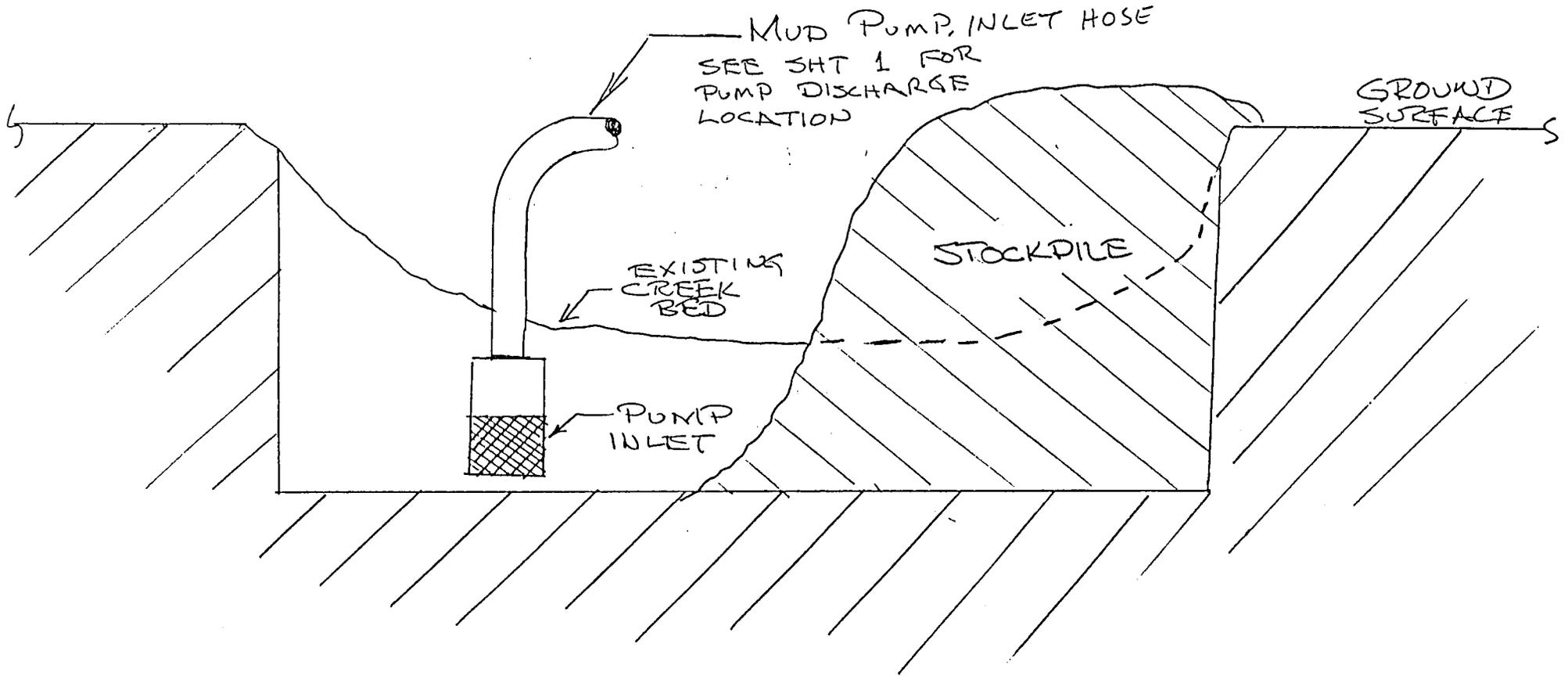


Robert C. [unclear]
 9/27/95

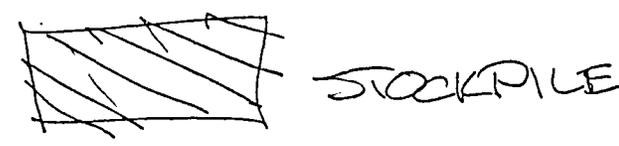
ABB Environmental Services, Inc.
 2590 Executive Center Circle East
 Berkeley Building
 Tallahassee, FL 32301
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DETAIL 2 B-B'
 WORK AREA - SECTIONAL VIEW
 FACING UPSTREAM

NOT TO SCALE



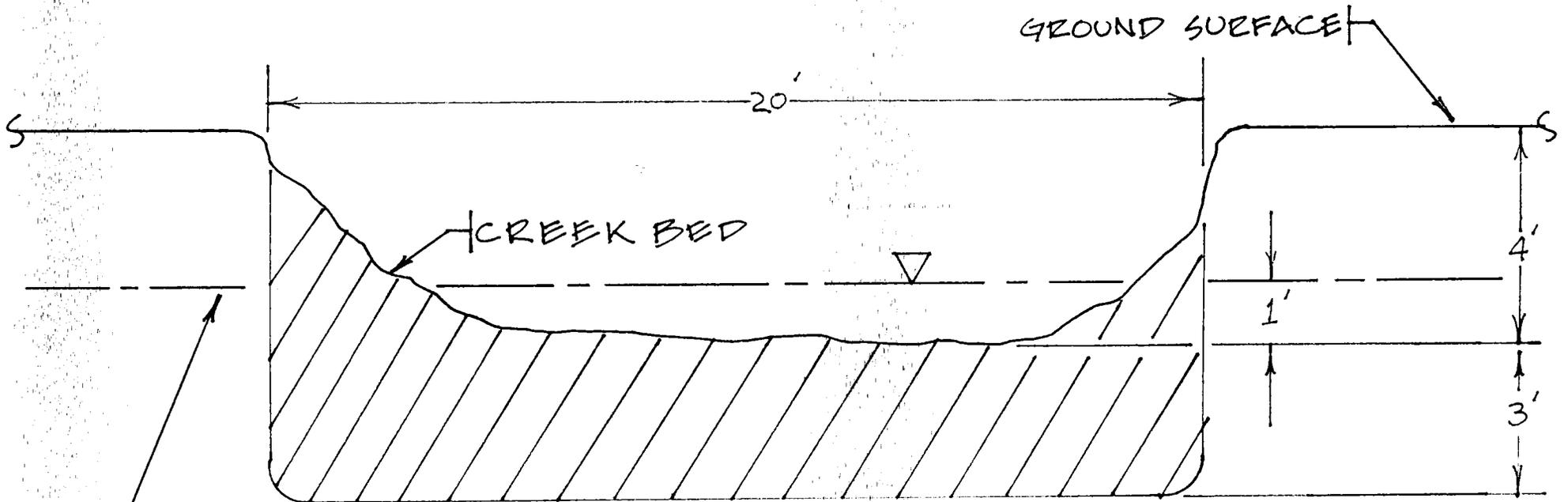
Robert Cleveland
9/27/95



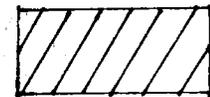
DETAIL 3
PUMP Inlet Location
TYPICAL - 2 PLACES
FACING UPSTREAM

ABB Environmental Services, Inc.
2590 Executive Center Circle East
Berkeley Building
Tallahassee, FL 32301
Tel. (904) 656-1293
Fax (904) 942-0131

NOT TO SCALE



ESTIMATED WATER
LEVEL AT TIME OF
CONSTRUCTION - NON
TIDAL CREEK

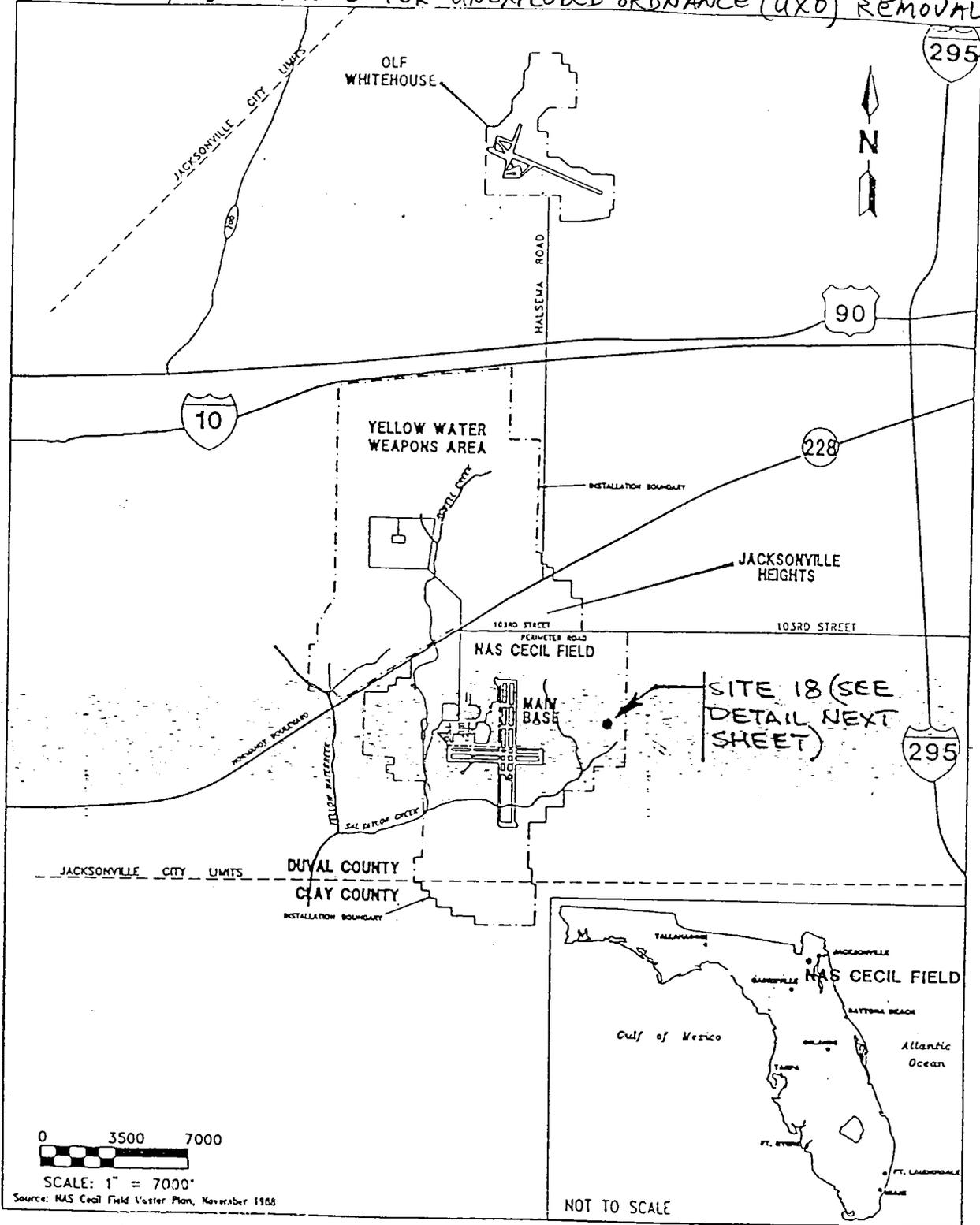


LEGEND
LIMITS OF EXCAVATION
AND BACKFILL

UXO REMOVAL
IR SITE 18
TRENCH SECTIONAL
TYPICAL - 2 PLACES

NOT TO SCALE

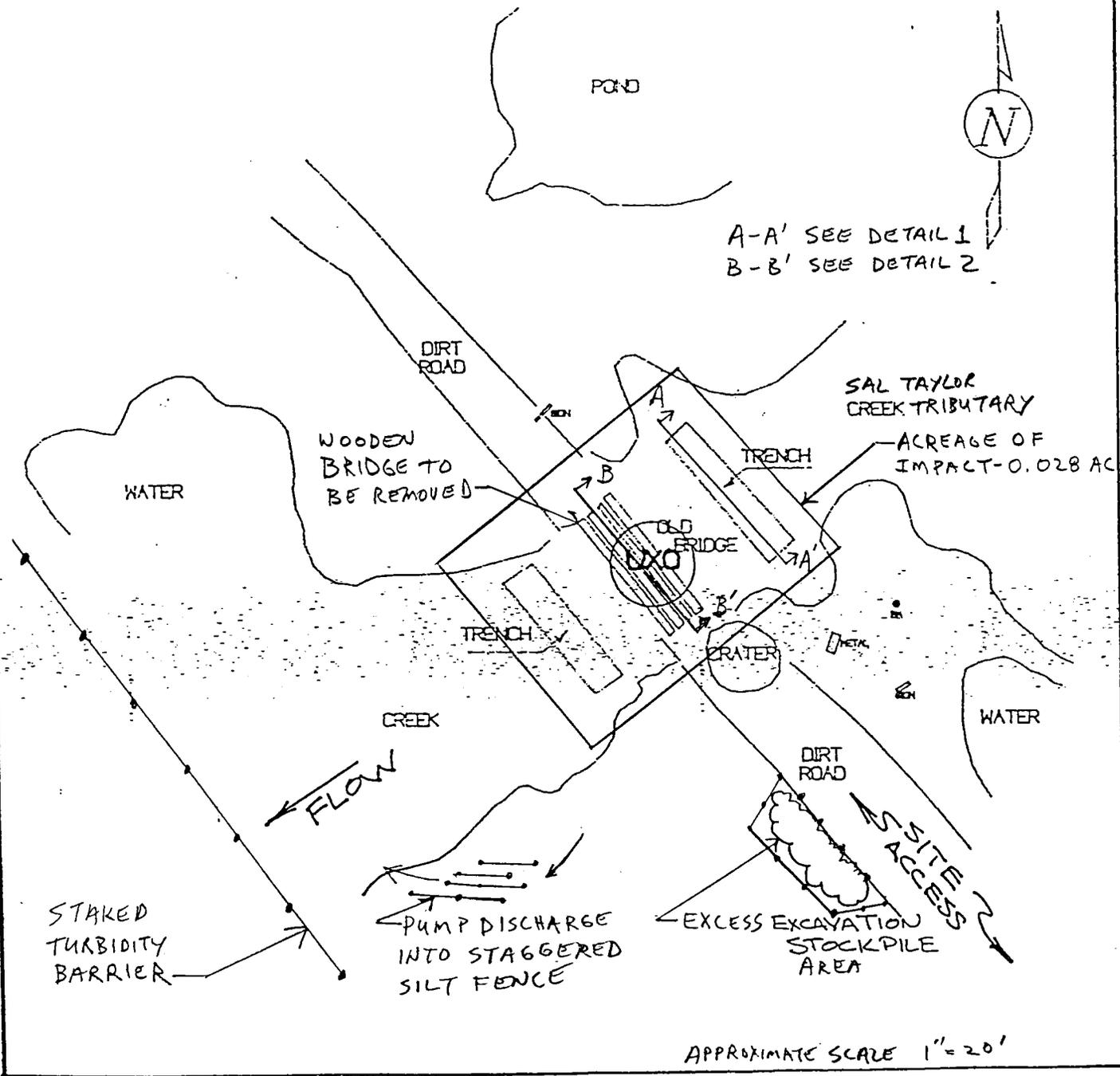
TEMPORARY DEWATERING FOR UNEXPLODED ORDNANCE (UXO) REMOVAL



Robert C. Linardone Jr.
 9/27/95

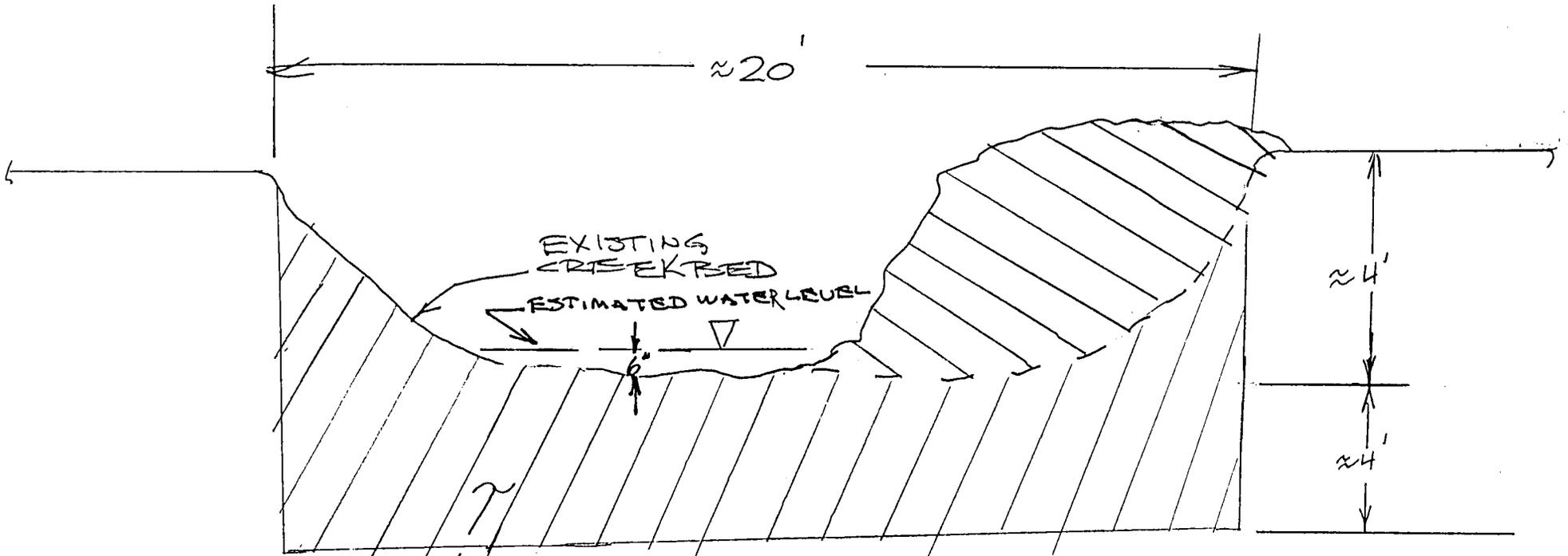
ABB Environmental Services, Inc.
 2590 Executive Center Circle East
 Berkeley Building
 Tallahassee, FL 32301
 Tel. (904) 656-1293
 Fax (904) 942-0131

IR SITE 18 DETAIL



Robert C. Lennedy
9/27/95

ABB Environmental Services, Inc.
2590 Executive Center Circle East
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Tallahassee, FL 32301
Tel. (904) 656-1293
Fax (904) 942-0131



SEE DETAIL 3
FOR PUMP
LOCATION

LEGEND

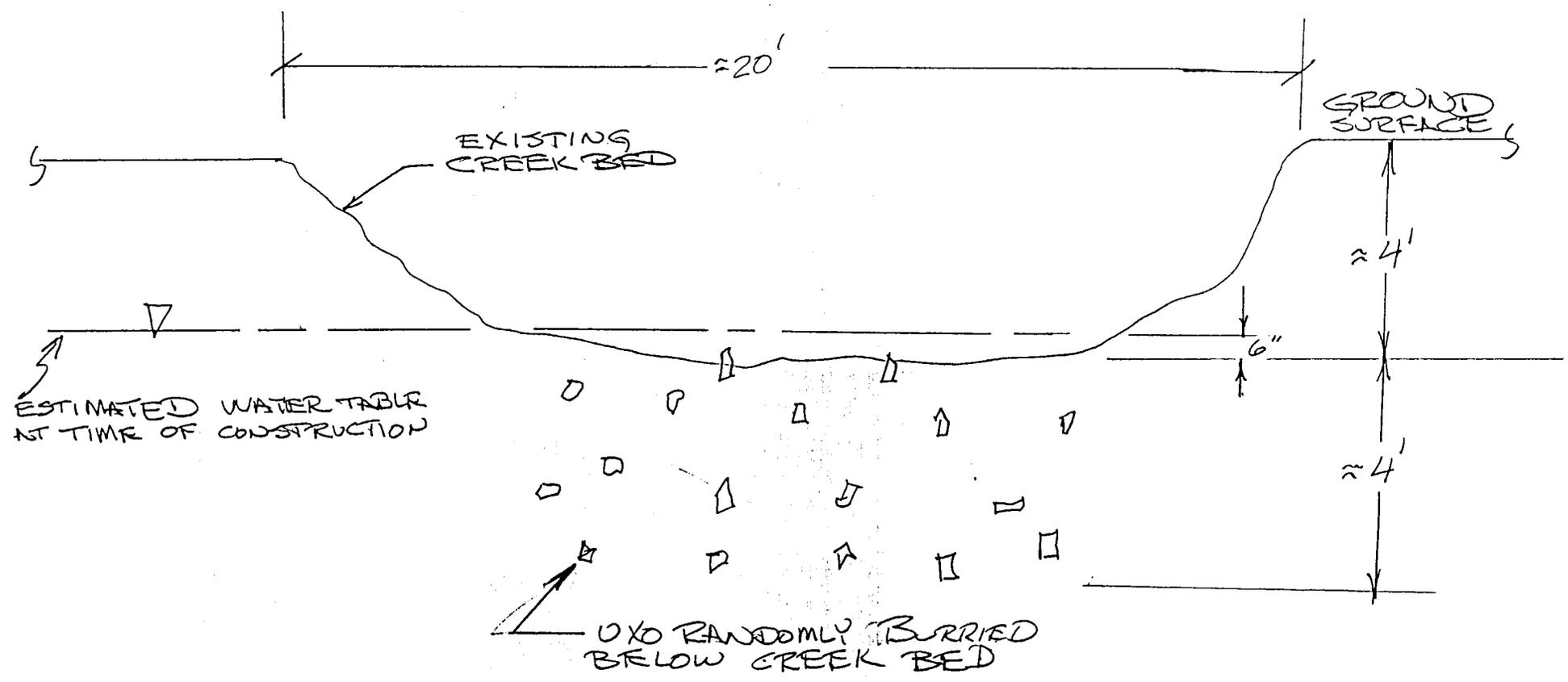
 APPROXIMATE LIMITS OF EXCAVATION (12 YD³ PER TRENCH)

 TEMPORARY STOCKPILE

Robert C. [Signature]
9/27/95

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DETAIL 1 A-A'
TRENCH SECTIONAL - FACING UPSTREAM
TYPICAL - 2 PLACES - ... NOT TO SCALE



ESTIMATED WATER TABLE AT TIME OF CONSTRUCTION

EXISTING CREEK BED

GROUND SURFACE

≈ 20'

≈ 4'

6"

≈ 4'

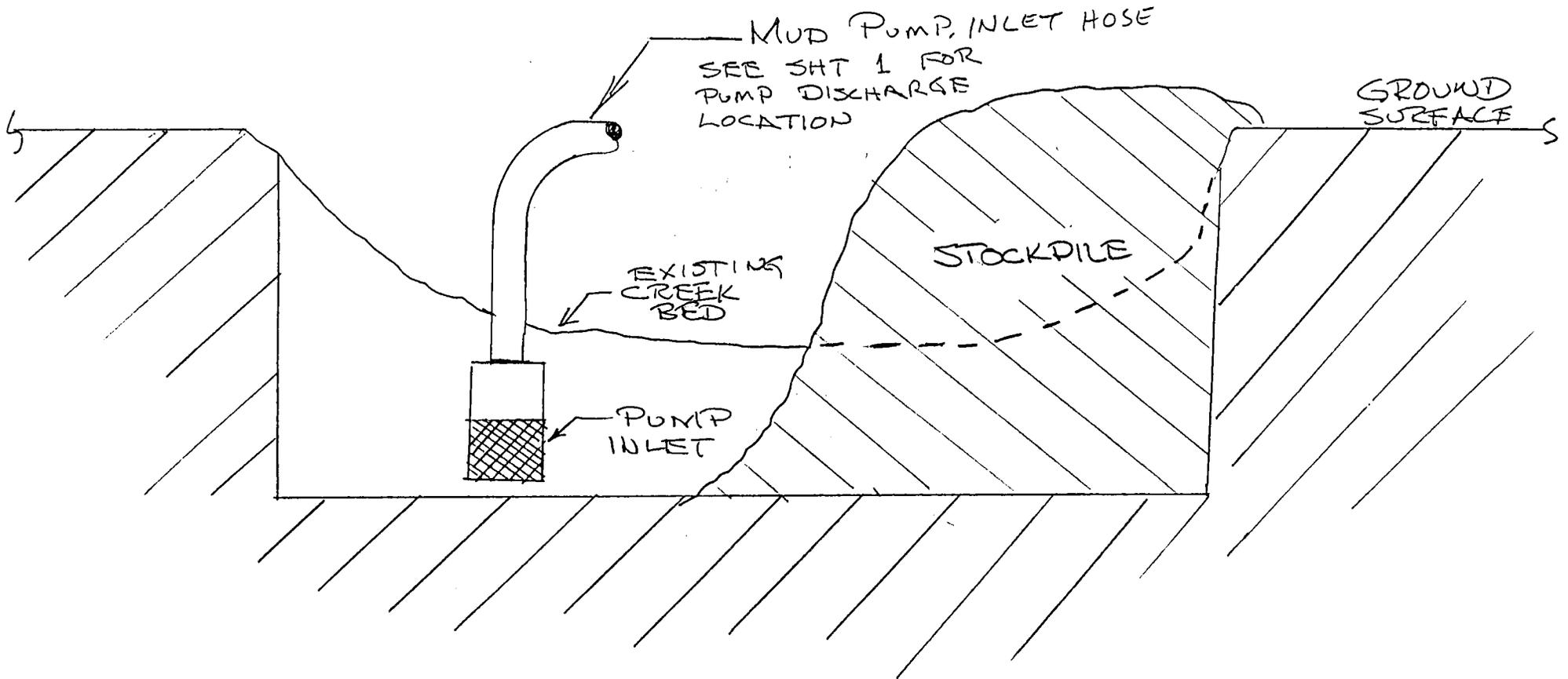
UXO RANDOMLY BURIED BELOW CREEK BED

Robert Cleveland
9/27/95

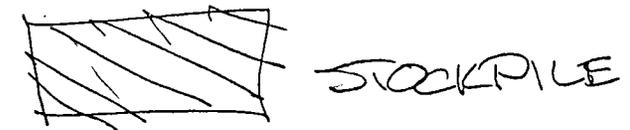
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DETAIL 2 B-B'
WORK AREA - SECTIONAL VIEW
FACING UPSTREAM

NOT TO SCALE



Robert Cleveland
9/27/95



DETAIL 3

PUMP Inlet Location

TYPICAL - 2 PLACES

FACING UPSTREAM

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