DDS

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6280/5
FAC

7 MAR 1986

Mr. Gerald Kraynak
Regional Engineer
N.C. Division of Land Quality
7225 Wrightsville Avenue
Wilmington, N.C. 28403-3696

Re: Sedimentation Control Plan
Borrow Pit Near MCAS (H) New River

Dear Mr. Kraynak:

In accordance with NC Admin Code 4B .0001-.0023, we are forwarding the subject plan. As described herein, the proposed borrow pit is an essential component of the ongoing Military Construction Program at Camp Lejeune.

Construction and operation of the borrow pit and access road has been designed to control all sedimentation within the site boundaries. We request your review and approval of this plan, along with any guidance which you feel will improve sediment control.

Mr. Bob Alexander, Marine Corps Base, Environmental Engineer, 919-451-3034 will provide any further information you may desire.

Sincerely,

R. A. TIEBOUT
Colonel, U. S. Marine Corps
Assistant Chief of Staff, Facilities
By direction of the Commanding General

Encl:
Sed. Control Plan

Copy to:
CO, MCAS, NR
ROICC, JAX Area

Blind copy to:
BMO
NREAD
EnvEngr

SEDIMENTATION CONTROL PLAN
FOR
MCAS(H) BORROW PIT

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

PREPARED BY RESIDENT OFFICER IN CHARGE OF CONSTRUCTION
JACKSONVILLE N.C. AREA

DATE: 20 MARCH 1986

APPROVED BY: Carl H. Baker, Jr.

NORTH CAROLINA
PROFESSIONAL
SEAL
12108
ENGINEER
CARL H BAKER, JR.

Carl H. Baker, Jr.
March 20, 1986

EROSION CONTROL PLAN FOR MCAS(H) BORROW PIT

1. Description of Proposed Work: In support of future construction projects at Camp Geiger and MCAS(H) New River, a new borrow pit location and access road has been sited as indicated on Encl (1). The borrow pit area and portions of the proposed access road will require clearing approximately nine acres of merchantable timber. Natural Resources and Environmental Affairs Division have been notified and a contract to harvest this timber has been awarded. It is the intent of this office that the construction of the access road and borrow area be accomplished by contract N62470-84-B-4174, Maintenance Hangar, MCAS(H) New River, during mid-summer 1986. After the removal of merchantable timber the Contractor will be required to remove any existing trees and stumps and stockpile this material in the borrow area to used in constructing a berm to contain on site run-off. The work will also include upgrading existing dirt roads to the cross section required to accomodate large construction vehicles, providing a stone surface course and installing one additional culvert through an existing drainage ditch.

2. Description of Project Area: Encl (1) indicates the new borrow area. The site has been investigated and was selected because of the characteristics of the soil encountered. Borings indicate a sandy loam ideal for construction purposes and because of existing topography can be removed without impacting existing water sheds.

3. Erosion Control Methods: Erosion will be controlled in the borrow pit and access road area using the following methods:

a. Sediment pond

b. Silt fences and straw bales

c. Revegetation of exposed areas

Encl (2) indicates the clearing limits of the borrow pit, the proposed berming of existing material, and the location of the sediment pond to contain site run-off in the borrow area. Also indicated is the proposed construction of silt fences to be utilized where neccessary.

4. Work Sequence:

a. All merchantable timber will be removed from the borrow area and portions of the access road.

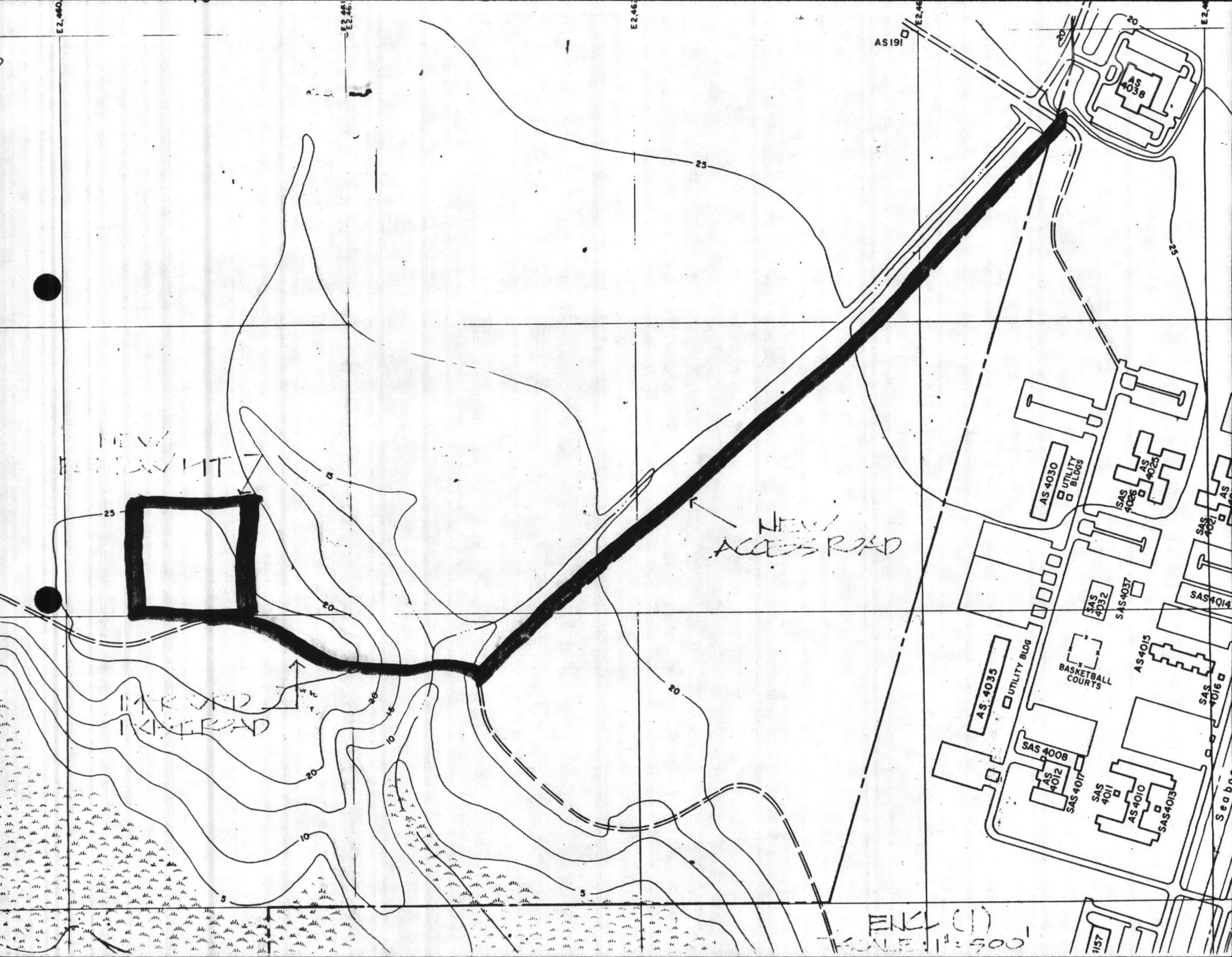
b. A new culvert will be installed and the new portion of the access road will be constructed. See Encl (3)

c. The existing dirt road will be improved and all affected areas of the access route will be seeded to establish vegetation.

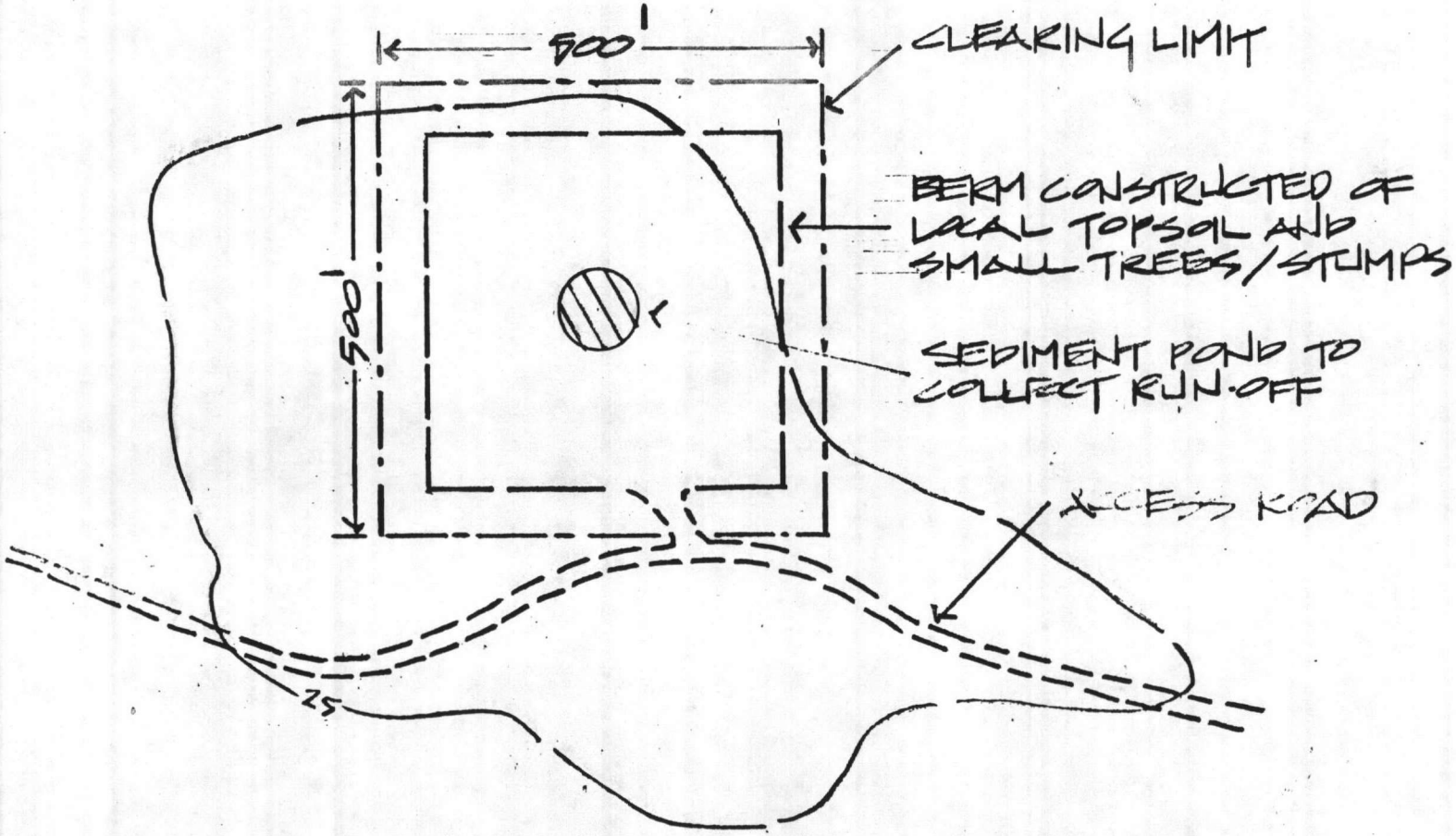
d. The borrow site will be grubbed of existing stumps and small trees and a berm constructed of this material around the site to contain all run-off. See Encl (3)

e. A sediment pond will be constructed in the center of the borrow area to contain storm water and local sediment. See Encl (2) and (3)

5. Borrow Pit Operation and Maintenance: The borrow pit will be made available to Contractors when fill material is required by the contract. Dumping of refuse will not be permitted and Contractors will be required to dress and revegetate disturbed areas upon completion of projects.

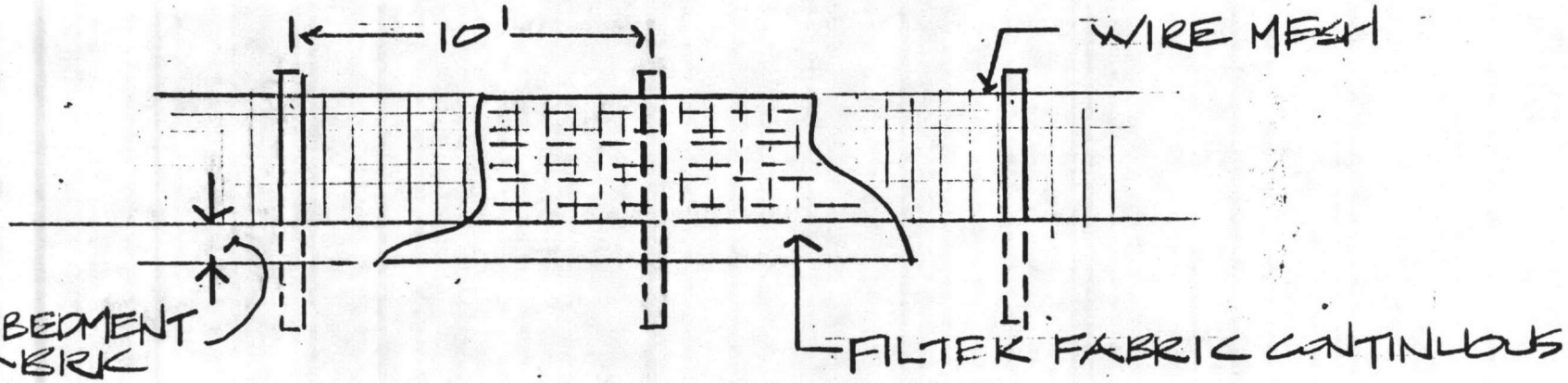



ENCL (1)
SCALE: 1" = 500'




PARTIAL PLAN

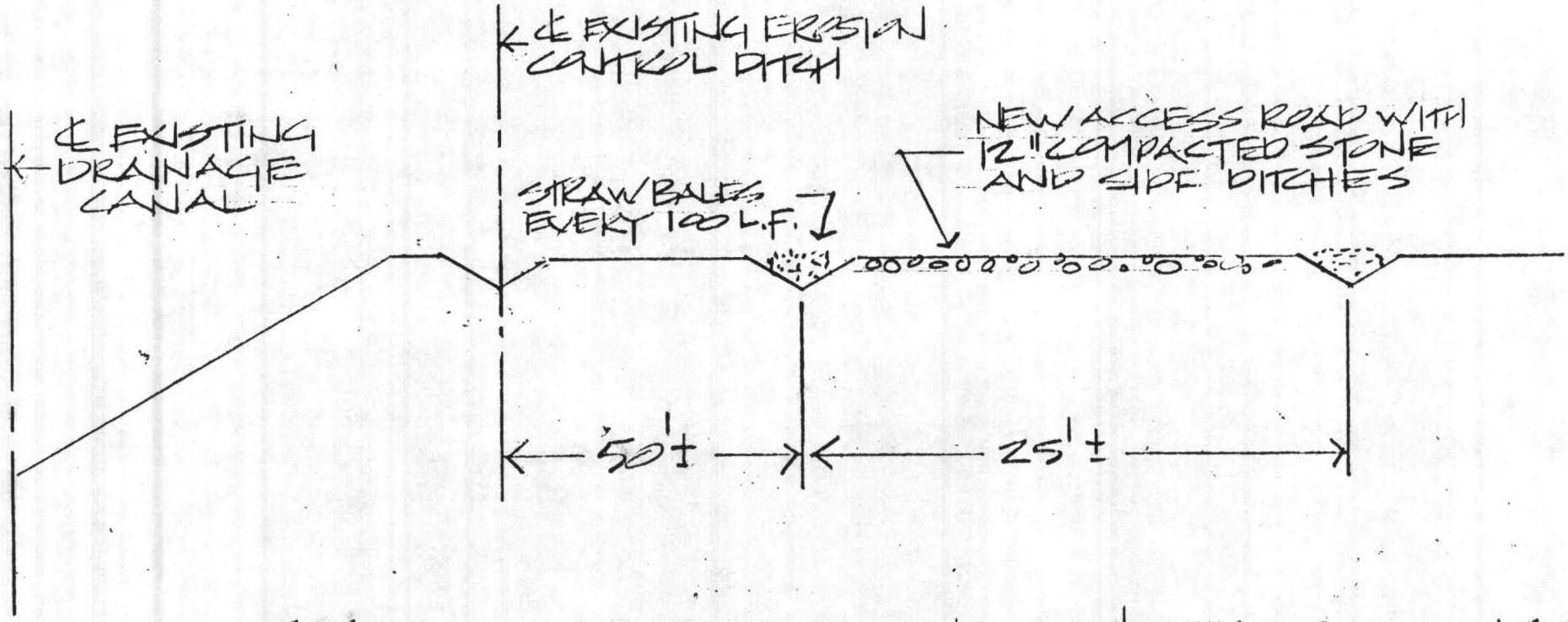
SCALE = 1" = 200'




TYPICAL SILT FENCE

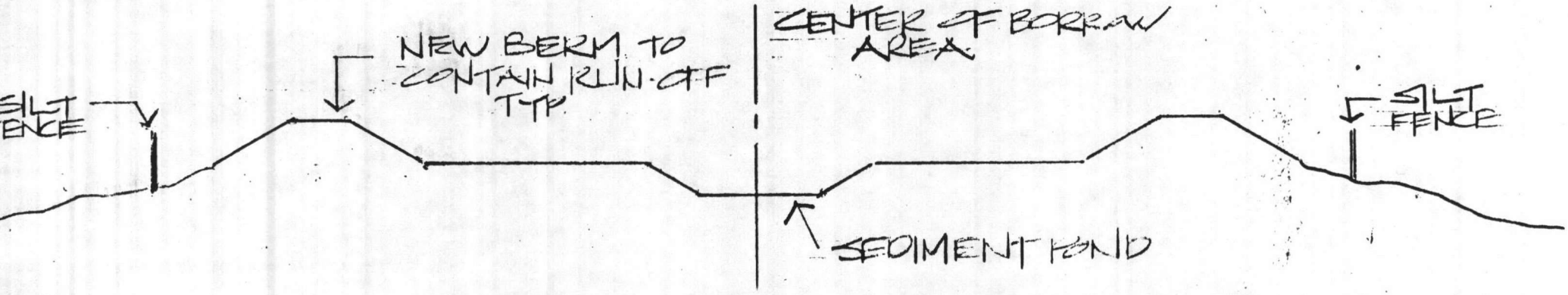
NTS

ENCL (2)




TYPICAL CROSS SECTION OF NEW ACCESS RD.

N.T.S.




TYPICAL CROSS SECTION - BORROW PIT

N.T.S

ENCL (3)