



**CENTERIOR
ENERGY**

PERRY NUCLEAR POWER PLANT

10 CENTER ROAD
PERRY, OHIO 44081
(216) 259-3737

Mail Address:
PO BOX 97
PERRY, OHIO 44081

Donald C. Shelton
SENIOR VICE PRESIDENT
NUCLEAR

May 31, 1995
PY-CEI/OEPA-0223L

Attention: Marie Underwood
Ohio Environmental Protection Agency
Northeast District Office
2110 East Aurora Road
Twinsburg, Ohio 44087

Perry Nuclear Power Plant
NPDES Permit No. 3IB0016*DD
Essential Maintenance Discharge Change

Ladies and Gentlemen:

Essential maintenance is planned to be performed on the Perry Nuclear Power Plant service water and circulating water systems during a refuel outage scheduled to begin in January, 1996. The maintenance will require draining of the systems. To expedite drainage, the discharge point will be changed from the discharge tunnel (outfall 3IB00016004) to two storm drain outfalls (See Attachments 1, 2 and 3).

Approximately 1,625,000 gallons will be pumped to the storm drain system on the east side of the plant site (minor stream impoundment). This storm drain empties into a small, nameless stream that originates offsite. A skimmer plate and impoundment dam are in place downstream of the point where plant site drainage enters the stream and prior to entry into Lake Erie. Attachments 4 and 5 provide detail of the construction of the minor stream impoundment.

Approximately 1,885,000 gallons of water will be pumped to a storm water impoundment on the west side of the plant site (northwest drain impoundment). This impoundment serves only the plant site. It also utilizes a skimmer plate, and an impoundment dam prior to entry into Lake Erie. Attachments 4 and 5 discussed above are typical of this impoundment.

The quality of water to be discharged during this process will be identical to the normal plant discharge water. No sludges or solids will be pumped during system draining; they will be manually removed.

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PDR ADOCK 05000440
P PDR

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PY-CEI/OEPA-0223L

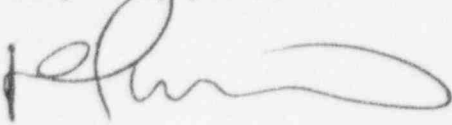
June 1, 1995

Page 2 of 2

Since planning for the January outage has already begun, and this is a key step in the maintenance schedule, a response is requested at your earliest convenience.

If you have questions or require additional information, please contact Louise Barton at (216) 280-5512.

Very truly yours,

A handwritten signature in black ink, appearing to be "J. Barton", written over the closing "Very truly yours,".

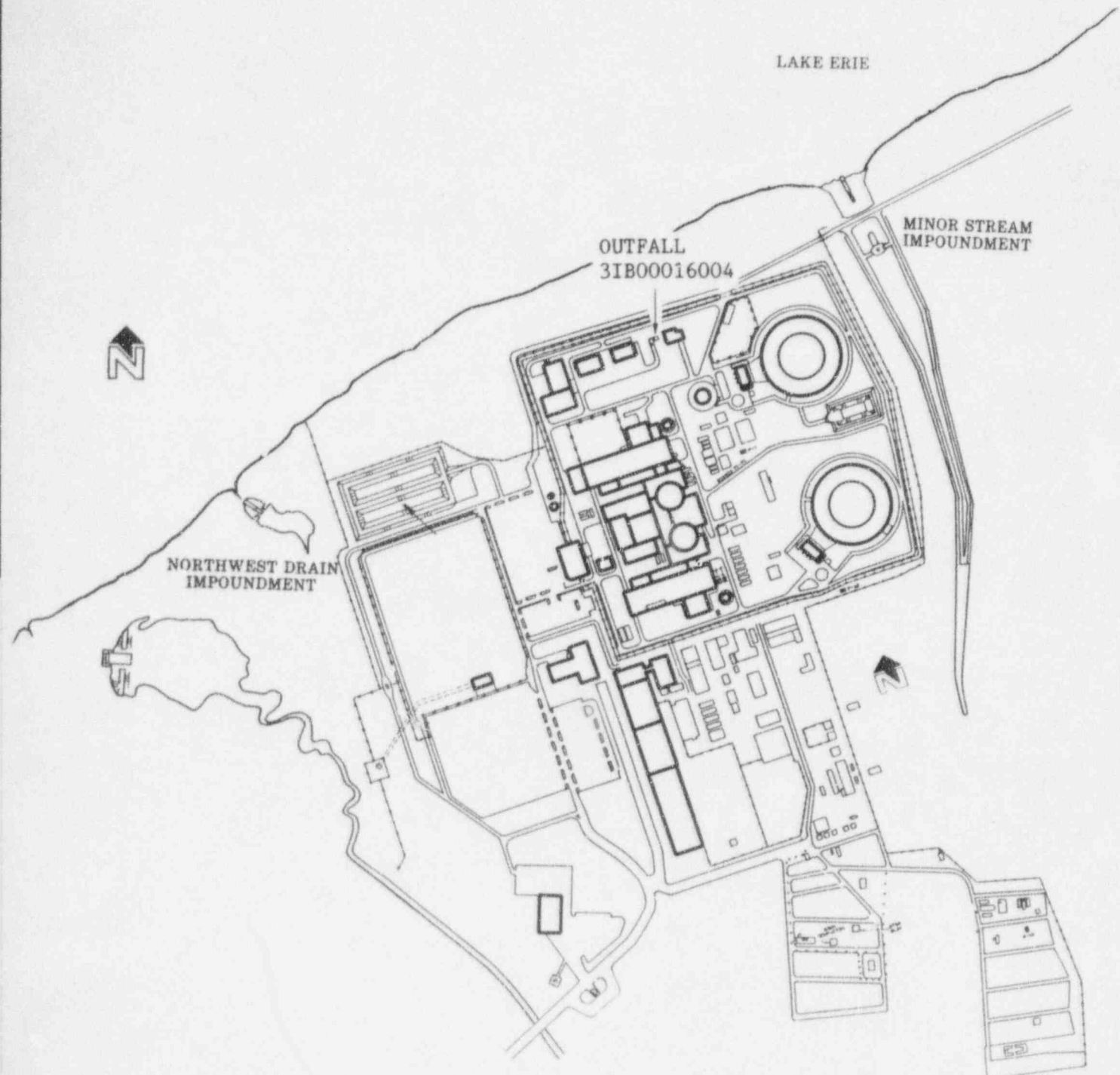
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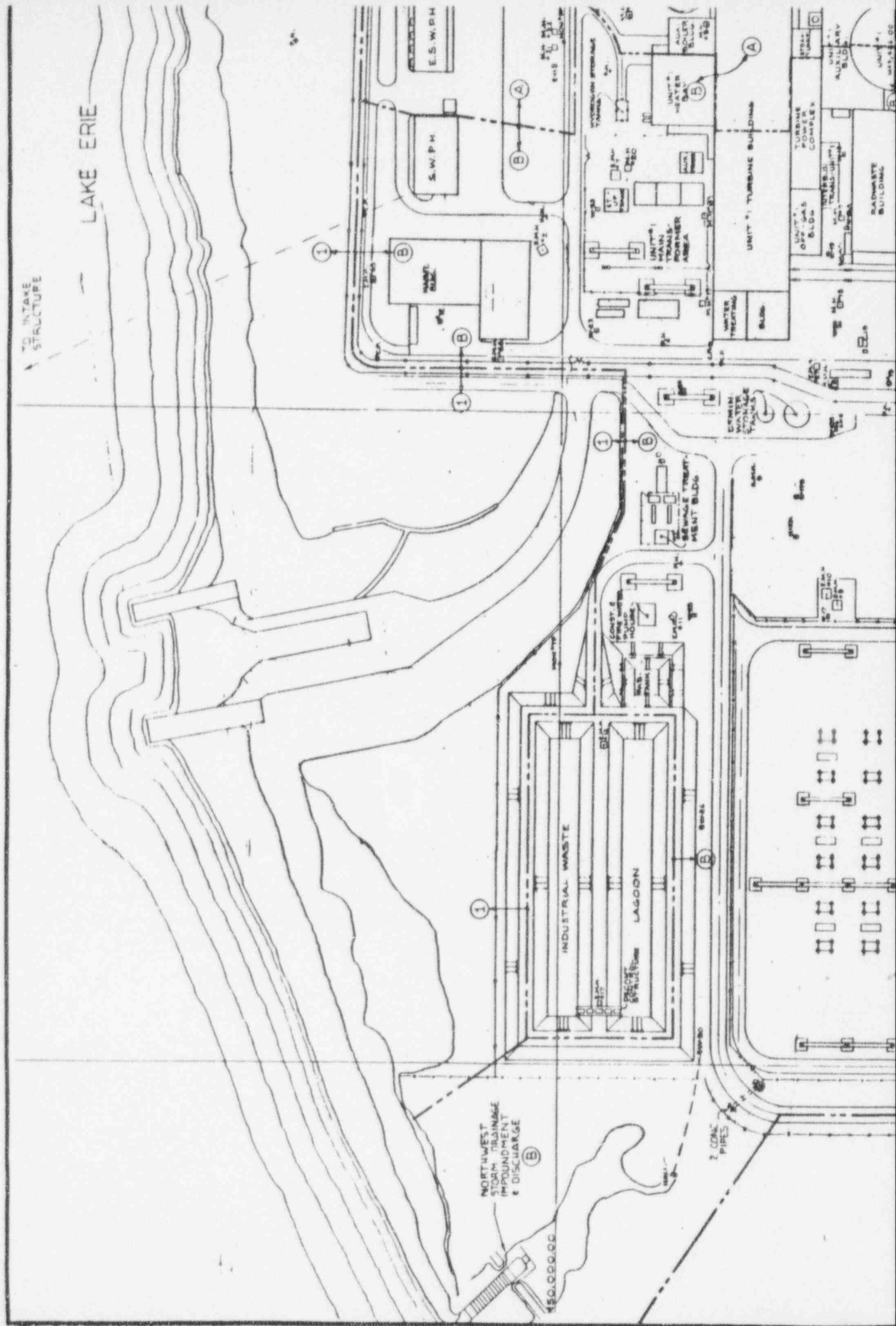
Attachments

cc: NRC Document Control Desk
NRC Project Manager
NRC Resident Inspector Office
NRC Region III

OUTFALL
31B00016004

STRUCTURE LOCATION MAP





**Also Available on
Aperture Card**

GOOOO'68

00 000'000

950607015Z-01

5. 10. 15. 20. 25.	0. 10. 20.	30. 40.	50. 60.	70. 80.	90. 100.

MINOR TREASURY CHARGE (A)

TO DISMARGE
SUBJECTS ARE

STREAM
IMPOUNDMENT

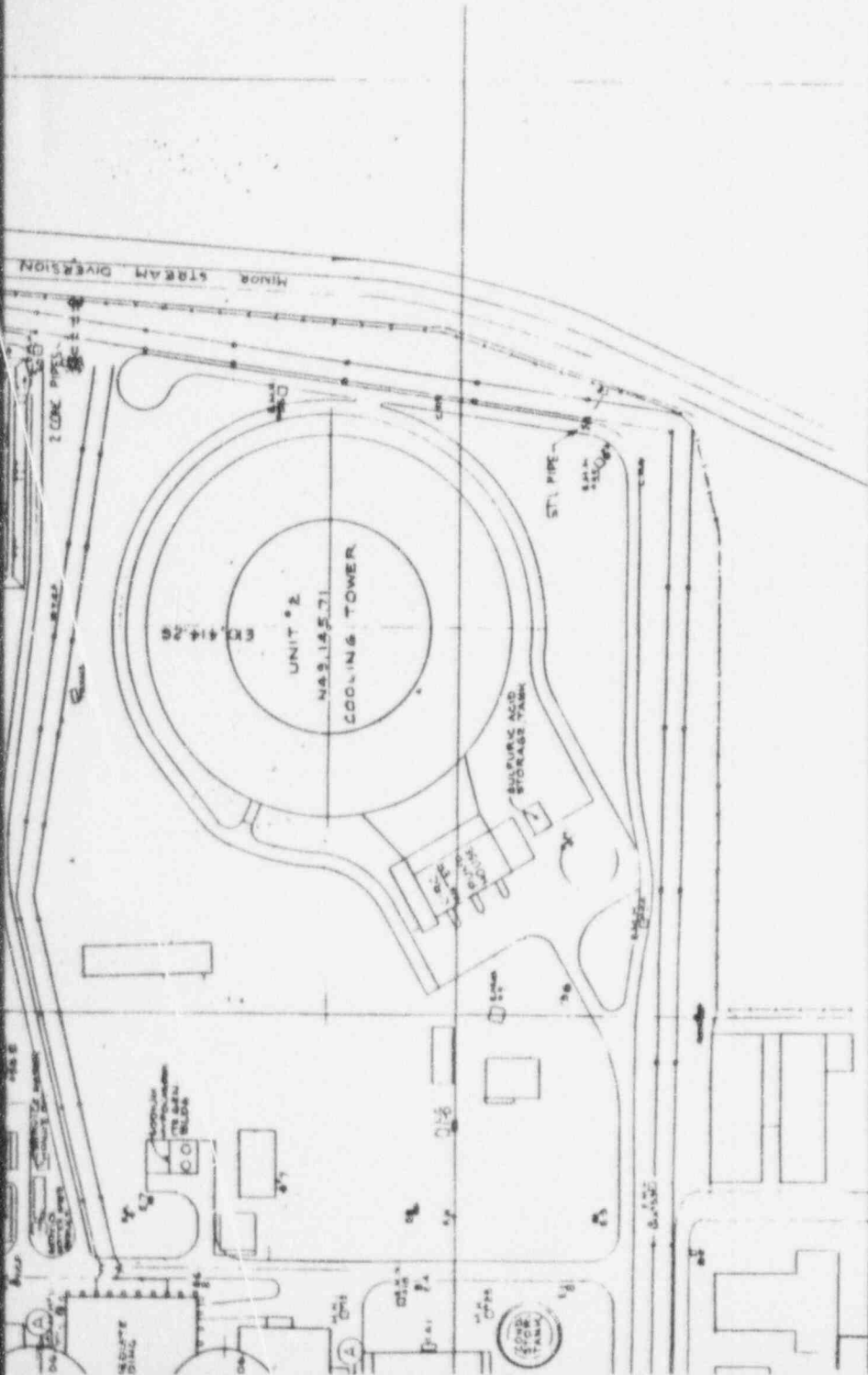
UNIT 91
N49.210.00
COOLING TOWER

2 BUILDING ACID
STRONG ACID

DRAINAGE - EGEND

(B) NORTHWEST STORM DRAINAGE
 (C) MAJOR STREAM
 (1) LAKE ERIE - DIRECTLY

(B)
 (C)
 (1)



ATTACHMENT 3

THE CLEVELAND ELECTRIC ILLUMINATING COMPANY	
PROJECT NO.	1001
PROJECT NAME	1001
CIVIL	
SITE STORM DRAINAGE	
PLAN - NORTH HALF	
DATE	0-7-43
BY	0-7-43
CHECKED	
APPROVED	

ANSTEC APERTURE CARD

Also Available on
Aperture Card

9506070152-02

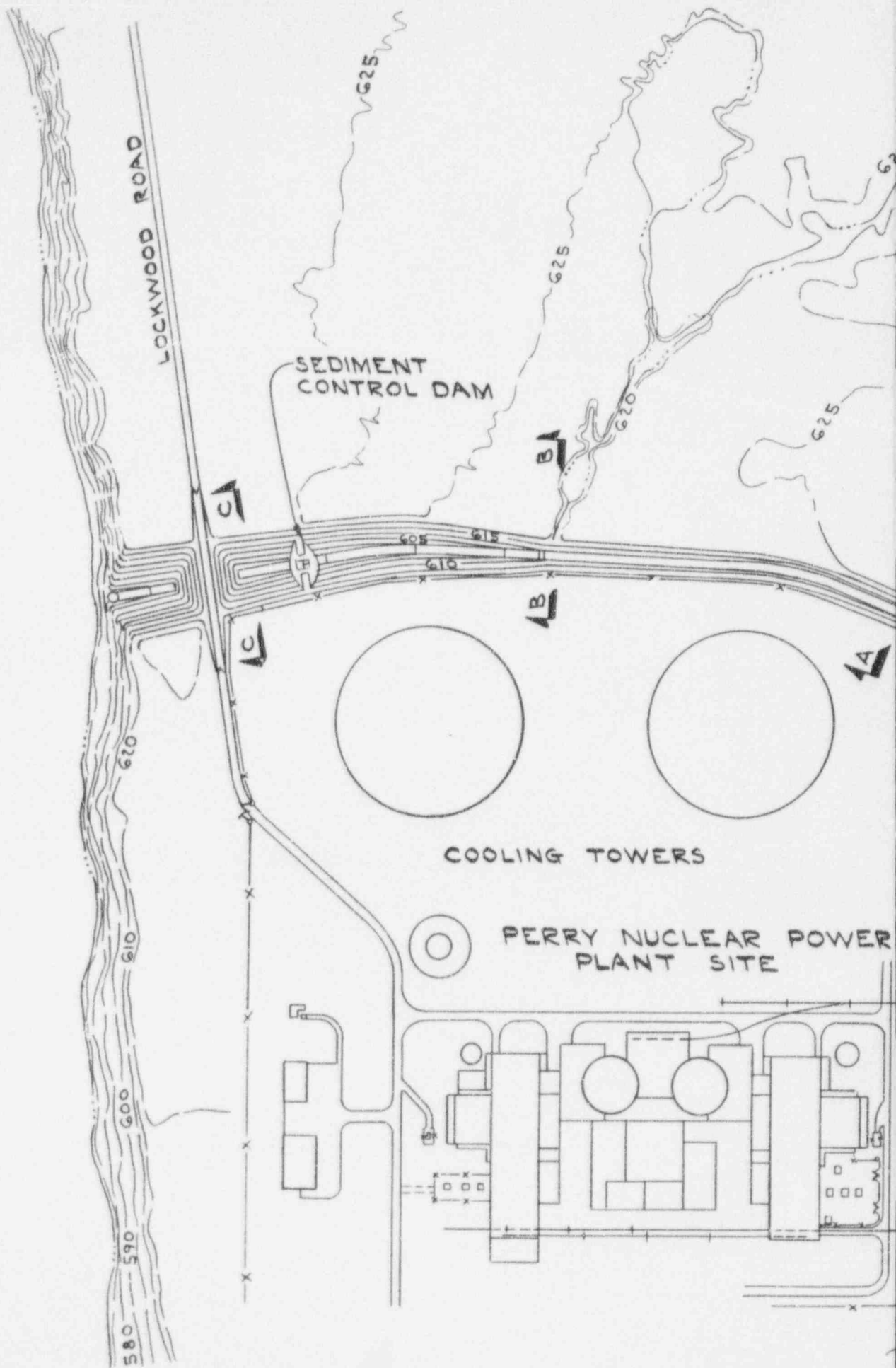
LAKE ERIE

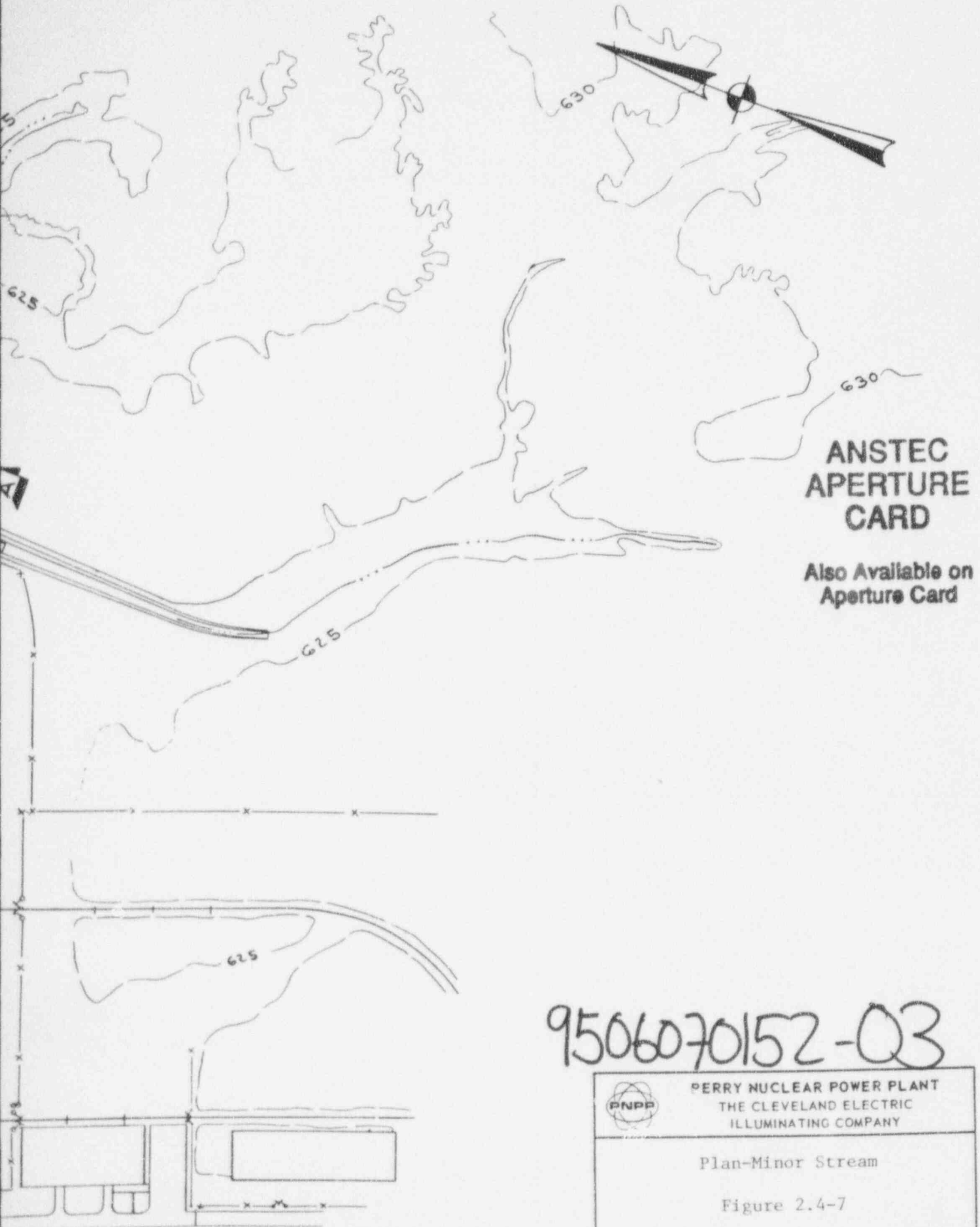
LOCKWOOD ROAD

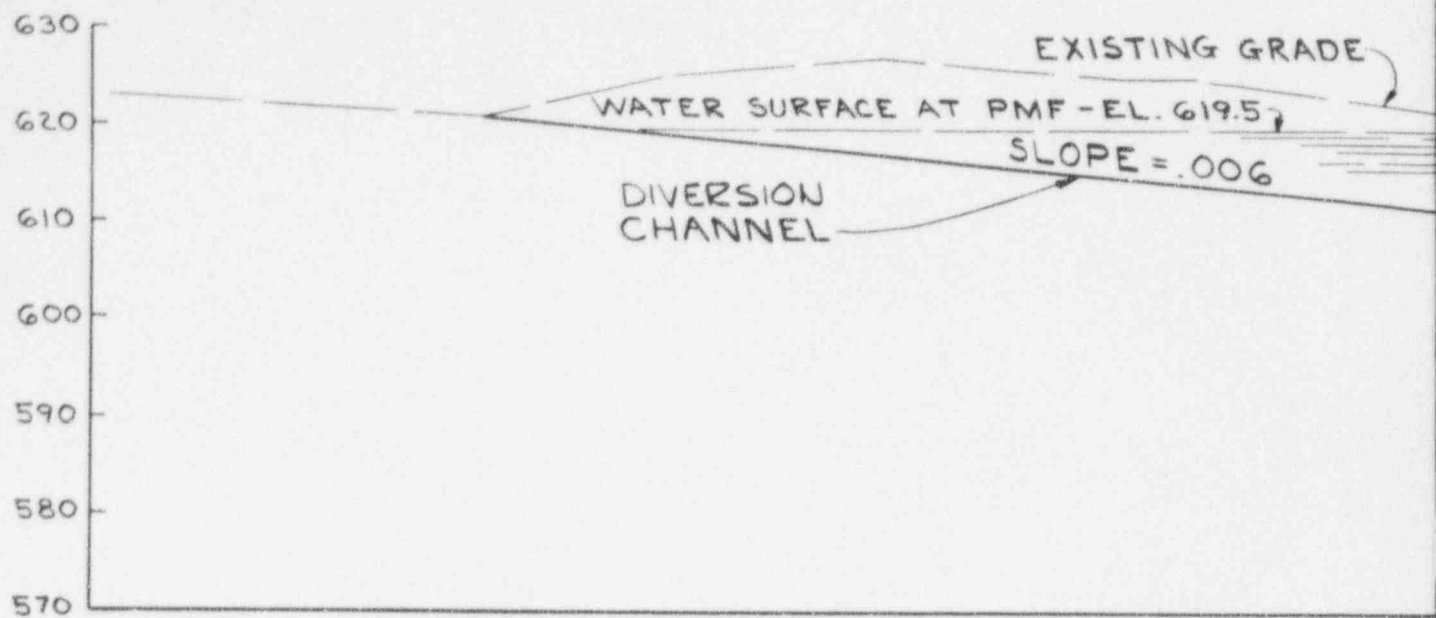
SEDIMENT
CONTROL DAM

COOLING TOWERS

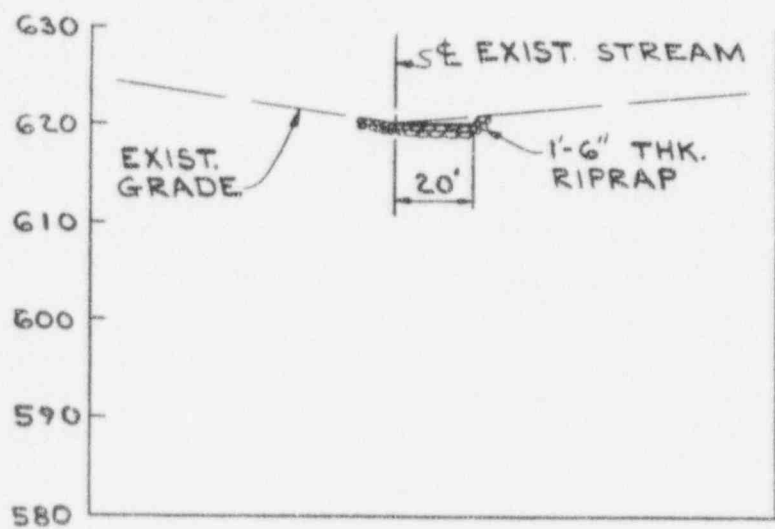
PERRY NUCLEAR POWER
PLANT SITE



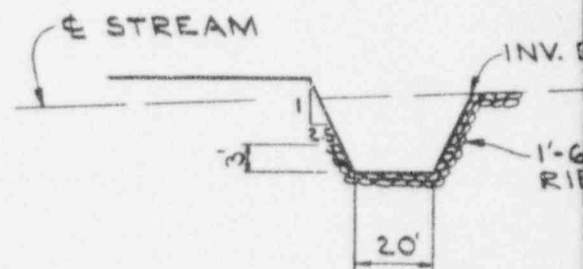




PROFILE OF DIVERSION CHANNEL
SCALE: HORIZ. 1" = 30'
VERT. 1" = 20'

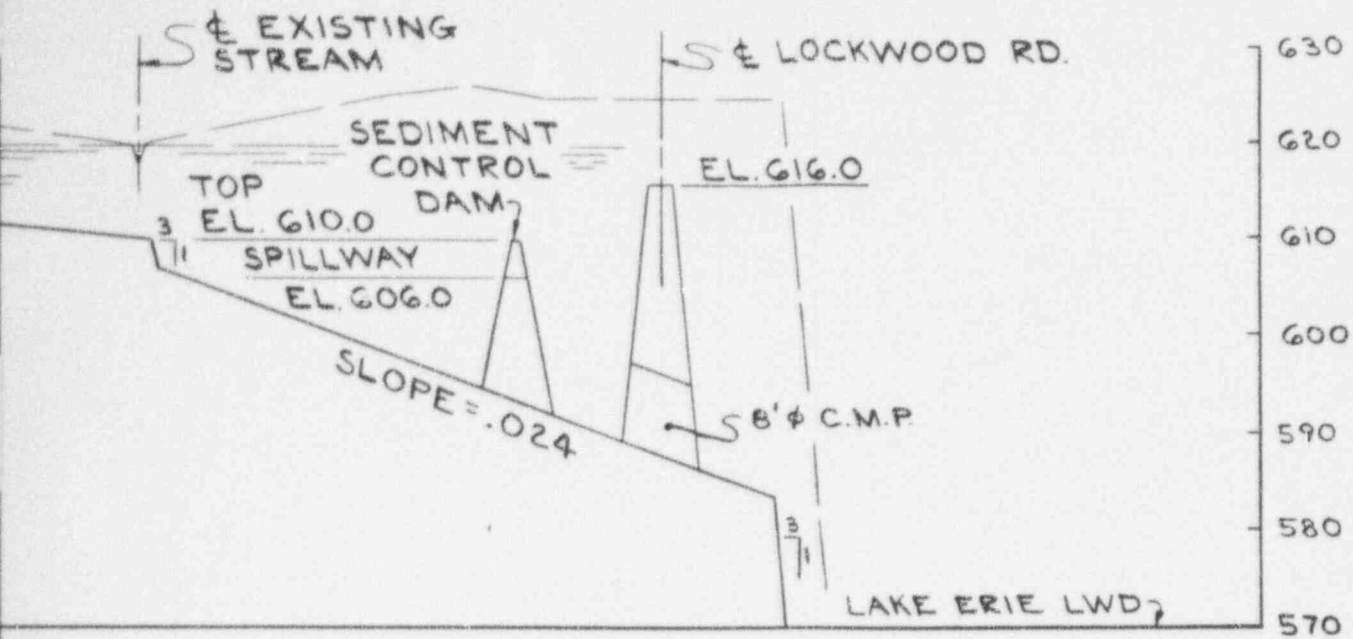


SECTION A-A



SECTION B-B

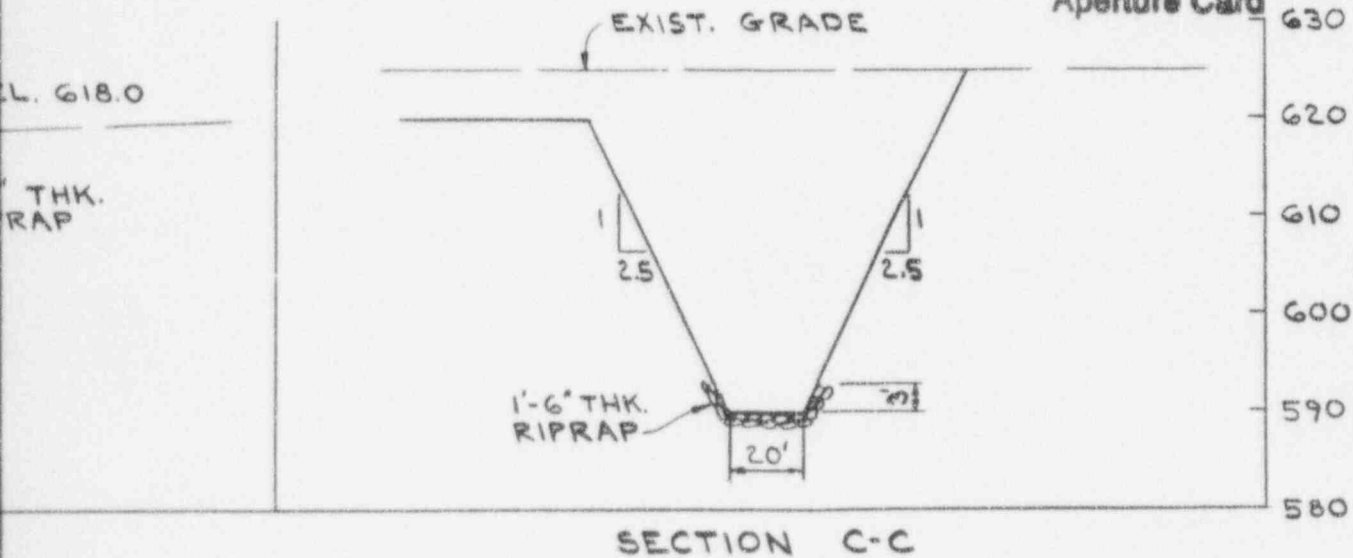
SCALE: HORIZ. 1" = 5'
VERT. 1" = 20'



HANNEL
0'-0"
0'-0"

**ANSTEC
APERTURE
CARD**

Also Available on
Aperture Card



EL. 618.0
THK.
RAP

SECTION C-C

9506070152-04



PERRY NUCLEAR POWER PLANT
THE CLEVELAND ELECTRIC
ILLUMINATING COMPANY

Profile and Typical
Cross Sections-Minor Stream

Figure 2.4-8