

File Number - Dossier numéro

Volume No. - Volume n^o

From - De	To - À
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Subject – Sujet

VOL. No. — VOL. N°

FILE NUMBER — DOSSIER N°

N-9545-N1A6-0523

General Correspondence
GIANT YK MINES LTD.

FROM — DE
MAY 1977

TO - A

SUBJECT — SUJET

LICENCES - NORTHERN INLAND WATERS - LICENCES
GIANT YK MINES LTD. CONSTRUCT CULVERT
BAKER CREEK

LAND 10-350C (7-81) 7690-21-023-9348

10-128 (10-82) 7530-21-023-9346

000001

NORTHWEST TERRITORIES WATER BOARD

Work Sheet for Water Use Applications
Northern Inland Waters Act

APPLICANT: Giant YK mines Ltd

W.M. Area: 1

DATE APPLICATION RECEIVED: MAY 6, 1977

File No.: NIA 6-0523

Material Received:

Letter ✓
Application ✓
Drawings ✓
Reports

Application Fee: 10.00

Fee Acknowledgement Date: May 16/77

Reference Map No.: 85 J
Dray plotted

General Description:

Name of undertaking: Culvert construction in Baker Creek, on N extension of existing road from open pits to Core pass dump. (+ maintenance)

Water source: # 239 (very approx) - 62.30

Co-ordinates of source: Latitude 62.30 Longitude 114 22

Co-ordinates of project: 1200' upstream from culvert on present access road to HCPC
Latitude Longitude substation

Water Use: 6 - Engineering

Period of Usage: From MAY 18/77 To MAY 17, 2002

Rate of Usage: N/A

Land Use Permit No. Commences: Expires

AUTHORIZATION WITHOUT LICENCE ✓ Date Sent: MAY 18/77

LICENCE REQUIRED:

COMMENTS:

X Herys Offr - Ballifson (not interested)
Mining Inspectors }
Dist Supt YK } distribute appls
RMO YK } with auth

Lorne P. Cooper

Review Engineer

Date of Filing MAY 9, 1977 Date to Water Use Register MAY 9, 1977

Date to Water Board Date of Public Notice

Date of Public Hearing Date of Licence Issue

Date Water Use Fees Received

Receipt sent:

LICENCE NO.:



Government
of Canada

Gouvernement
du Canada

Document disclosed under the Access to Information Act
Document divulgué en vertu de la Loi sur l'accès à l'information

CLOSED VOLUME VOLUME COMPLET

DATED FROM
À COMPTER DU

5/77

TO
JUSQU'AU

5/77

AFFIX TO TOP OF FILE - À METTRE SUR LE DOSSIER

DO NOT ADD ANY MORE PAPERS - NE PAS AJOUTER DE DOCUMENTS

FOR SUBSEQUENT CORRESPONDENCE SEE - POUR CORRESPONDANCE ULTÉRIEURE VOIR

FILE NO. - DOSSIER N°

N9545 - N1A6-8523

VOLUME

NIA6-0523

May 18, 1977.

REGISTERED

Giant Yellowknife Mines Limited,
Yellowknife, Northwest Territories.
XOE 1HO.

Attention: Mr. G.A. Aaltonen, Mine Superintendent

Dear Sir:

Re: Northern Inland Waters Act
Authorization to Use Water Without a Licence
Water Register No. NIA6-0523
Giant Yellowknife Mines Limited

Enclosed is your Water Authorization for the Culvert Installation and Maintenance, Baker Creek project. Please note the terms and conditions which form a part of this Authorization.

Any request for renewal or amendment of this authorization must be submitted, in duplicate, on a Schedule II application form. Copies of this form are enclosed for your convenience. Please note that a \$10.00 application fee will be required and that at least two weeks should be allowed for processing of renewals or amendments.

If you have any questions, please contact L. Cooper at this office.

Yours truly,

ATS

A.T. Swarbrick
Supervisor
Licencing and Approvals

BD:jr
Encl.

c.c. Head, Land Use
Dist. Supt. YK
RMO, YK

NORTHWEST TERRITORIES WATER BOARD

AUTHORIZATION TO USE WATER

WITHOUT A LICENCE

issued in accordance with
the
Northern Inland Waters Act
Giant Yellowknife Mines Limited
of
Yellowknife, Northwest Territories
XOE 1H0

Having filed the necessary application and having complied with all the provisions of the Northern Inland Waters Act and Regulations relating to applications for use of water, is hereby authorized under Section 26 (g) of the Northern Inland Waters Act and Section 11 of the Northern Inland Waters Regulations, to alter or divert the flow or storage of water or otherwise use water as follows:
at Baker Creek at approximately latitude 62°30'25"N and 114°21'41"W on the north extension of the open pit road.

FROM: May 18, 1977

TO: May 17, 2002

AT A RATE OF: N/A

FOR THE PURPOSE OF: The construction and maintenance of a stream crossing consisting of a six foot diameter culvert.

In compliance with the Northern Inland Waters Act and Regulations and subject to the conditions on the attached schedule.

Issued and Recorded at Yellowknife, N.W.T.

this 18th day of May 1977



Controller of Water Rights

Area No: 1
Classification: Water Engineering
Water Register No: N1A6-0523

Water Register No: N1A6-0523

GIANT YELLOWKNIFE MINES LIMITED

Culvert Installation and Maintenance, Baker Creek, Giant Mine

AUTHORIZATION TO USE WATER WITHOUT A LICENCE

Terms and Conditions:

1. The Licensee shall construct the stream crossing in accordance with the plans and specifications submitted to the Controller dated May 3, 1977.
2. The Licensee shall submit to the Controller all design alterations from those specified in Condition 1 and the Licensee shall receive a letter of approval from the Controller prior to any alterations being made.
3. The Licensee shall construct and maintain the stream crossing so as to minimize environmental disturbance to the bed, channel and banks of the stream.
4. The Licensee shall construct and maintain the stream crossing in such a manner as to meet requirements pertaining to the passage of fish.
5. The Licensee shall construct and maintain the stream crossing to the satisfaction of the Controller.
6. The Licensee shall notify the Controller immediately should failure of the crossing occur and a report shall be submitted to the Controller outlining the reasons for the failure and remedial measures to be taken.
7. The Licensee shall submit to the Controller plans for any stream crossing reconstruction or alteration and shall receive approval from the Controller prior to any reconstruction or alteration.
8. The Licensee shall submit to the Controller at least six (6) months prior to the expiration date of this Authorization or renewals thereof, detailed plans for abandonment and restoration of the stream crossing. The Licensee shall receive a letter of approval from the Controller prior to the start of any such work.

Dated at Yellowknife, N.W.T.

This 18th day of May, 1977.


Controller

N1A6-0523

May 10, 1977.

Giant Yellowknife Mines Limited,
Yellowknife, Northwest Territories.
XOE 1HO.

Attention: G.A. Aaltonen

Dear Sirs:

Re: Application to Use Water Without a Licence
Culvert Construction, Baker Creek

This will acknowledge your application to use water at the above named operation. Please find enclosed our official receipt for your application fee as well as further application forms for your future use.

In future correspondence on this application please quote the above referenced file number.

Yours truly,

EM,

E. Munro
Senior Project Clerk

EM:jr
Encl.

Yellowknife, Northwest Territories
Canada X0E 1H0
Telex 034-4-5514
Phone 403/873-6301

Giant
YELLOWKNIFE MINES LIMITED

N1A6-0523

May 3, 1977

Controller of Water Rights,
Water Management Section
Department of Indian & Northern Affairs,
P.O. Box 1500,
YELLOWKNIFE, Northwest Territories.



Dear Sir:

Attached is a cheque for \$10.00 to accompany the completed application for authorization to use water without a licence. The authorization is to cover construction of a culvert in Baker Creek.

This culvert is part of north extension of ore haulage access road from open pits to the plant area.

Two copies of drawings and specifications for construction of the culvert are also attached.

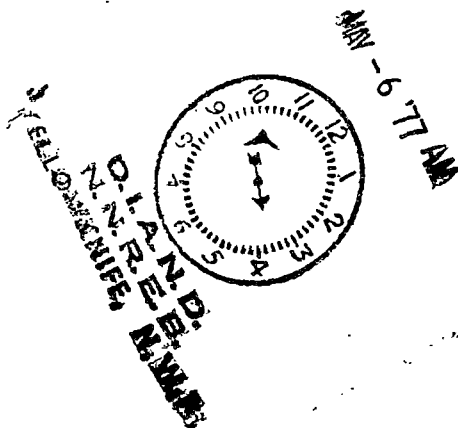
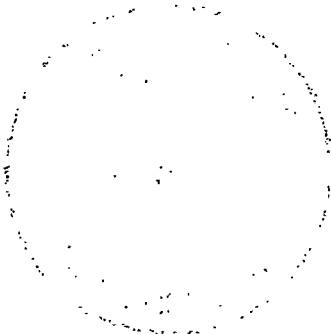
If more information is required, feel free to give us a call.

Yours truly,
GIANT YELLOWKNIFE MINES LIMITED

A handwritten signature in dark ink, appearing to read "G. A. Aaltonen".

G. A. Aaltonen
Mine Superintendent

GAA:jc
Att.



SCHEDULE II

No: N1A6-0523

Department of Indian and Northern Affairs

WATER, FORESTS AND LAND DIVISION

APPLICATION FOR LICENCE, AMENDMENT OF LICENCE OR RENEWAL OF LICENCE

NOTE: if insufficient space, attach sheets

1. Name & Mailing Address Giant Yellowknife Mines Limited Yellowknife, N.W.T. XOE 1HO	2. Address of Head Office in Canada if incorporated Giant Yellowknife Mines Limited P.O. Box 40, Commerce Court West Toronto, Ontario.
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3. LOCATION OF UNDERTAKING - describe and attach map naming river, creek, lake, spring or ground water reservoir Baker Creek approximately 1200' upstream from culvert on present access road to N.C.P.C. sub-station. See attached map.

4. NATURE OF UNDERTAKING - describe and attach plans To construct 6'0" diameter culvert on above described location. This culvert will be part of north extension of existing haulage road from open pits to C ore pass dump. Works will be on Giant lease.

5. PURPOSE OF UNDERTAKING a) To obtain water <input type="checkbox"/> b) To divert water <input type="checkbox"/> c) To store water <input type="checkbox"/> d) To alter the flow of water <input type="checkbox"/> e) To return the flow of water <input type="checkbox"/> f) Other (specify) <input checked="" type="checkbox"/> Construct culvert	6. WATER USE CLASSIFICATION a) Agriculture <input type="checkbox"/> b) Conservation <input type="checkbox"/> c) Industrial <input checked="" type="checkbox"/> d) Municipal <input type="checkbox"/> e) Power <input type="checkbox"/> f) River Engineering <input type="checkbox"/> g) Storage <input type="checkbox"/> h) Recreation <input type="checkbox"/>
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7. QUANTITY OF WATER INVOLVED - (cubic feet per second, gallons per day, acre feet per year) N/A	8. QUALITY OF RETURNED WATER a) Unaltered X b) Altered (specify)
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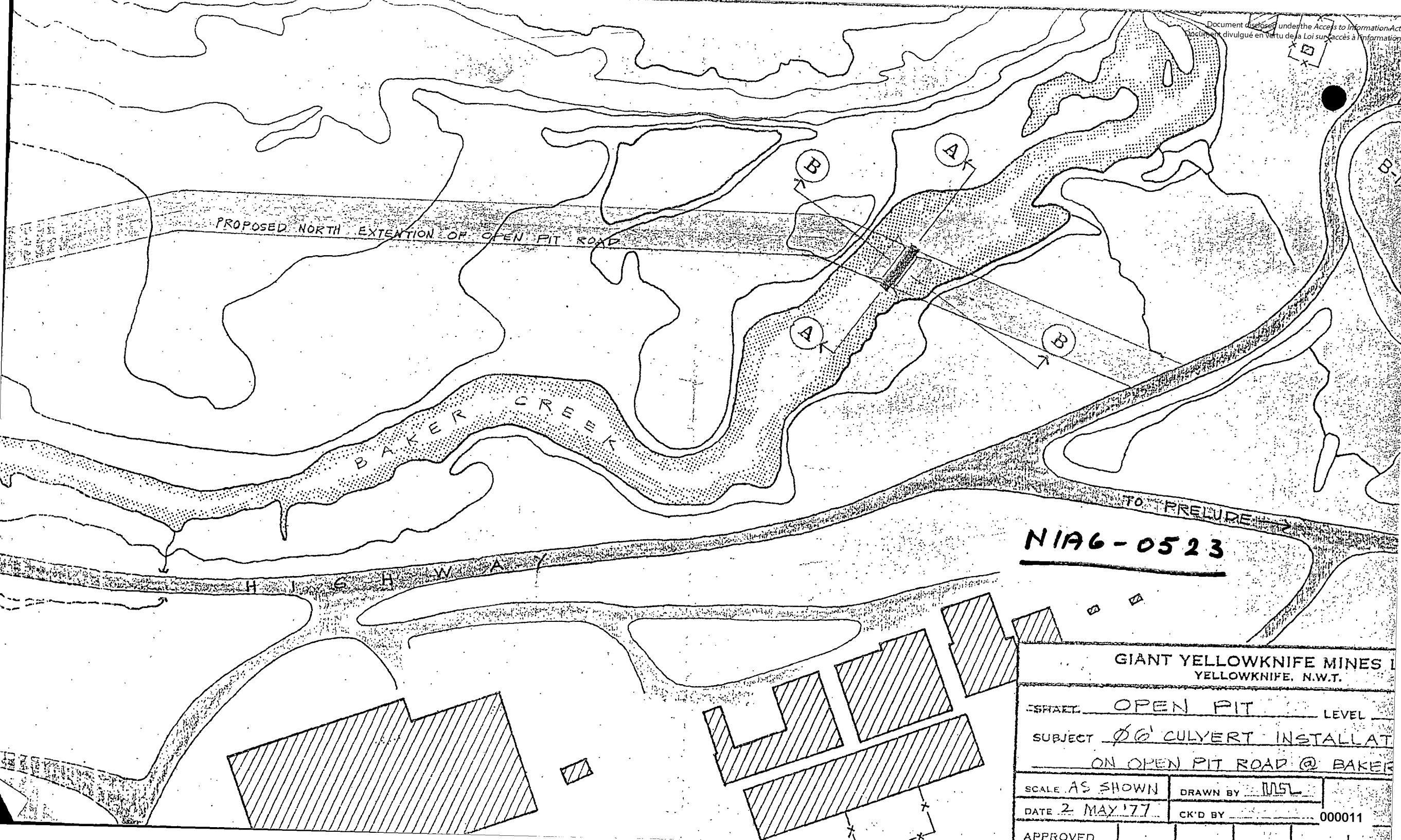
9. OTHER PROPERTIES AFFECTED BY THIS UNDERTAKING - describe location and list owners None
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10. CONTRACTORS AND SUBCONTRACTORS Names & Addresses None

11. TIME SCHEDULE PROPOSED Start: May 15, 1977 Completion: June 15, 1977	12. FEES <table border="1"><thead><tr><th>Application</th><th>Water Use</th><th>Total</th></tr></thead><tbody><tr><td>\$</td><td>\$ 10.00</td><td>\$</td></tr></tbody></table>	Application	Water Use	Total	\$	\$ 10.00	\$
Application	Water Use	Total					
\$	\$ 10.00	\$					

 Signature	Mine Superintendent Title	May 3, 1977 Date
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APPLICATION FEE: Amount 10.00 Receipt No. C 15725 Date MAY 6/77	FOR OFFICE USE ONLY WATER USE FEES: Amount Receipt No Date	APPLICATION Approved by: Lorne P. Cooper May 9 1977	Filed in Water Use Register: MAY 9 1977
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N196-0523

GIANT YELLOWKNIFE MINES I
YELLOWKNIFE, N.W.T.

SHEET OPEN PIT LEVEL
SUBJECT ØØ' CULVERT INSTALLATION
ON OPEN PIT ROAD @ BAKER

SCALE AS SHOWN DRAWN BY WJL
DATE 2 MAY '77 CK'D BY 000011

APPROVED

ATTACHED CHEQUE IS IN PAYMENT OF FOLLOWING ITEMS:

Fee for license to install culvert in Baker Creek

10.00



Indian and Northern Affairs Affaires indiennes et du Nord

GENERAL RECEIPT RÉCÉPISSÉ GÉNÉRAL

Branch
Direction

NOB C 15725

Date May 6/77	Nature and No. of Remittance — Forme et n° de la remise Cheque 29404	Invoice No. — Facture n°	Location — Endroit YK
Received the Sum of — Reçu la somme de Ten		/ 100 DOLLARS \$ 10.00	

From — De

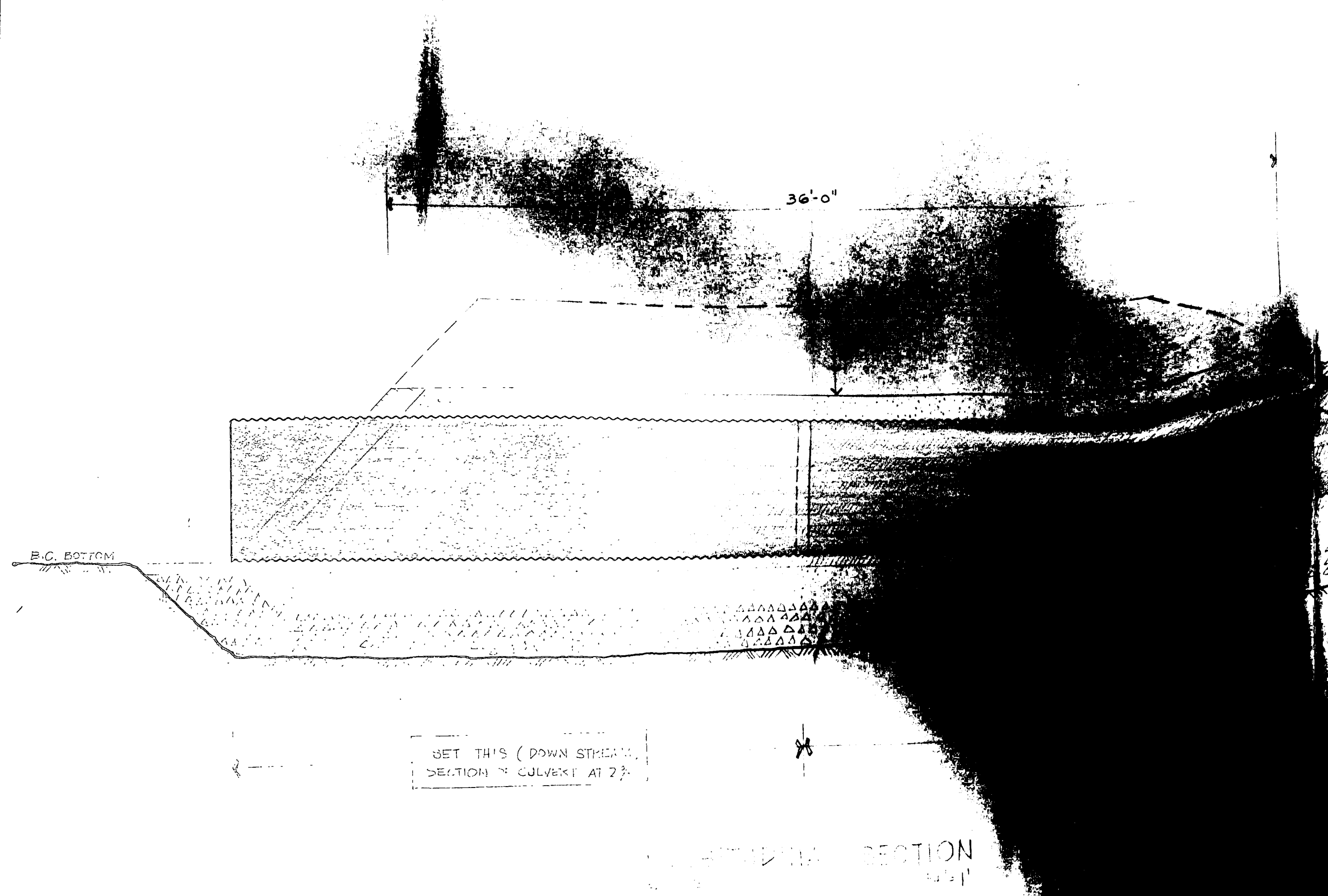
For — Pour

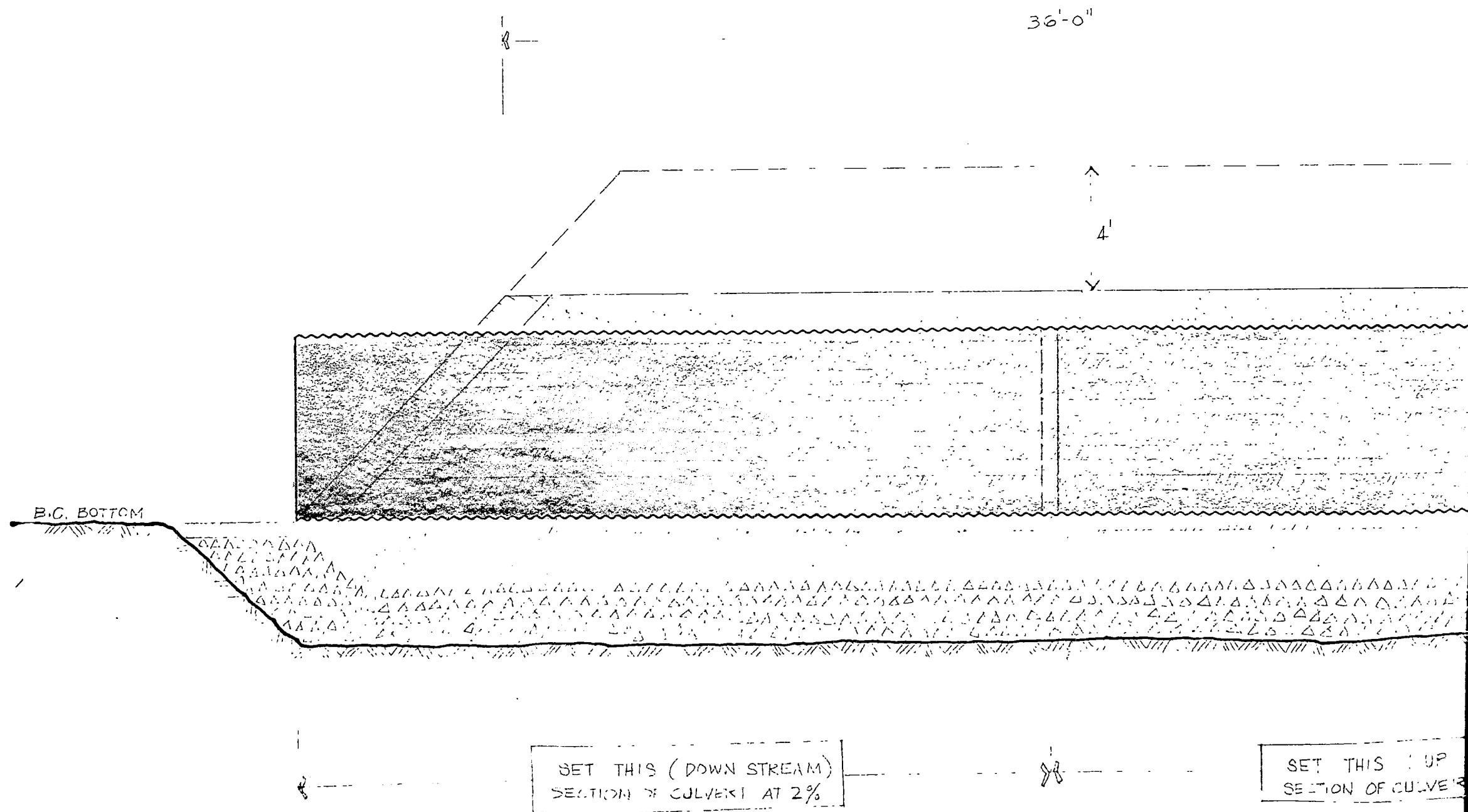
(Grant YK Mines
Yellowknife
NWT)

App. fee for
water use

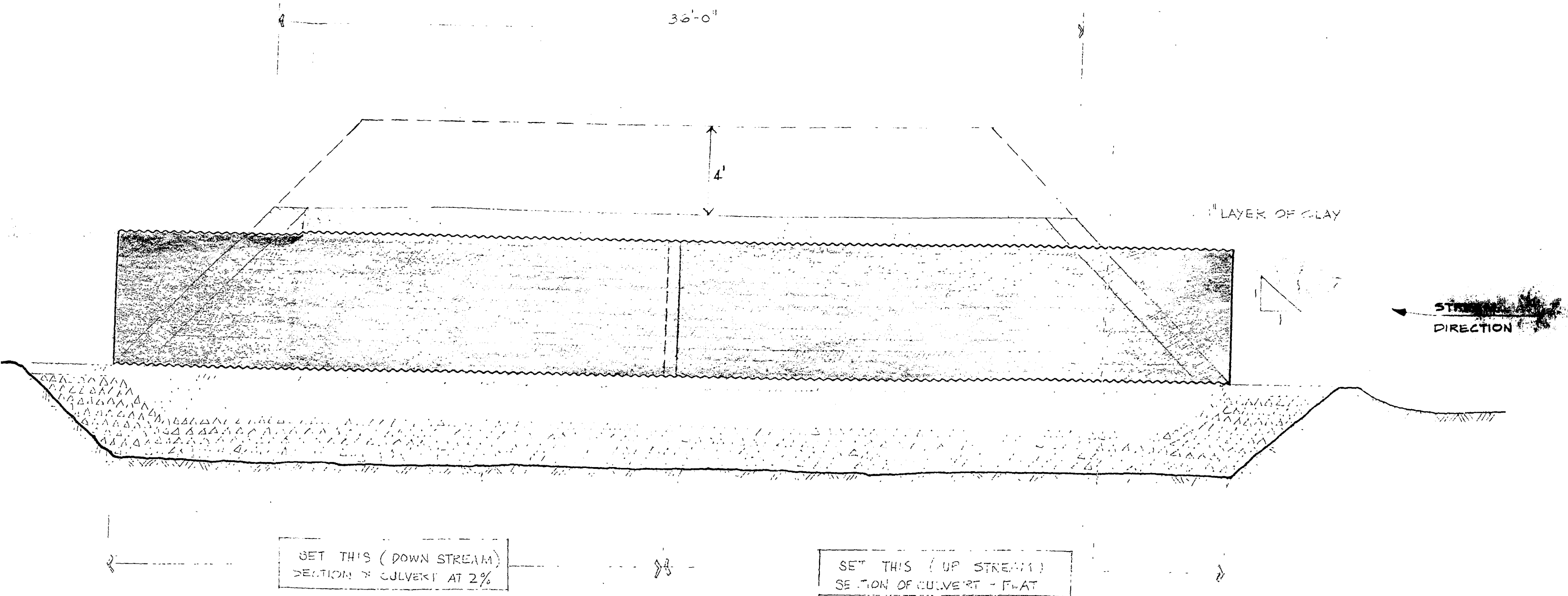
E. Bennett
Authorized Officer — Fonctionnaire autorisé

IANB 10-38 (3-72) 7530-21-023-4088

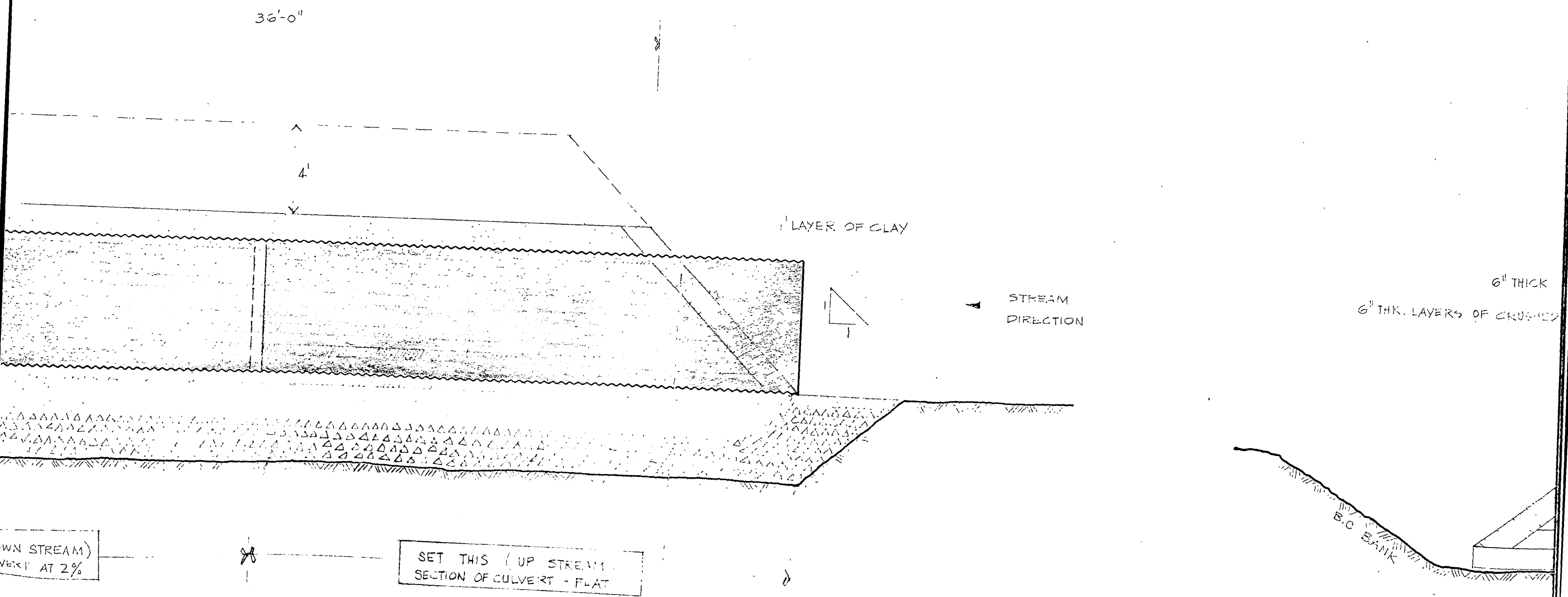




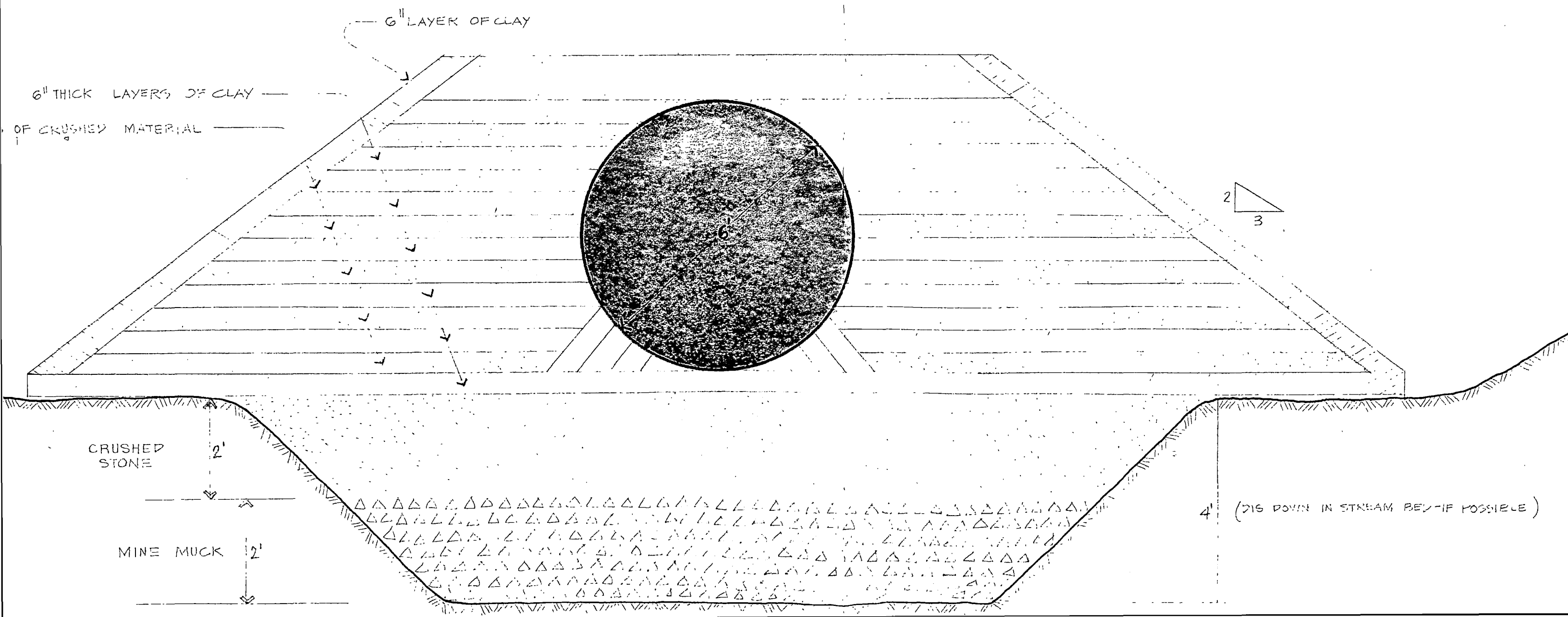
LONGITUDINAL SECTION
SCALE 1/4" = 1'
(SECTION "A-A")

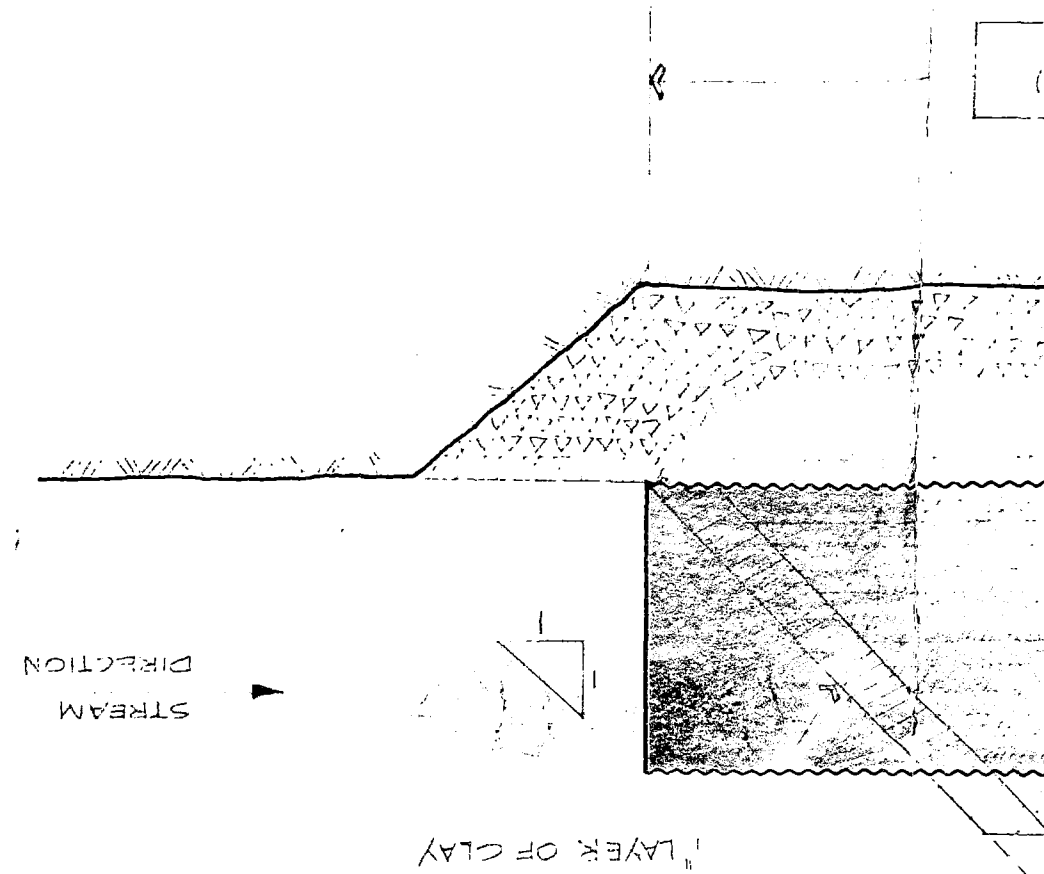
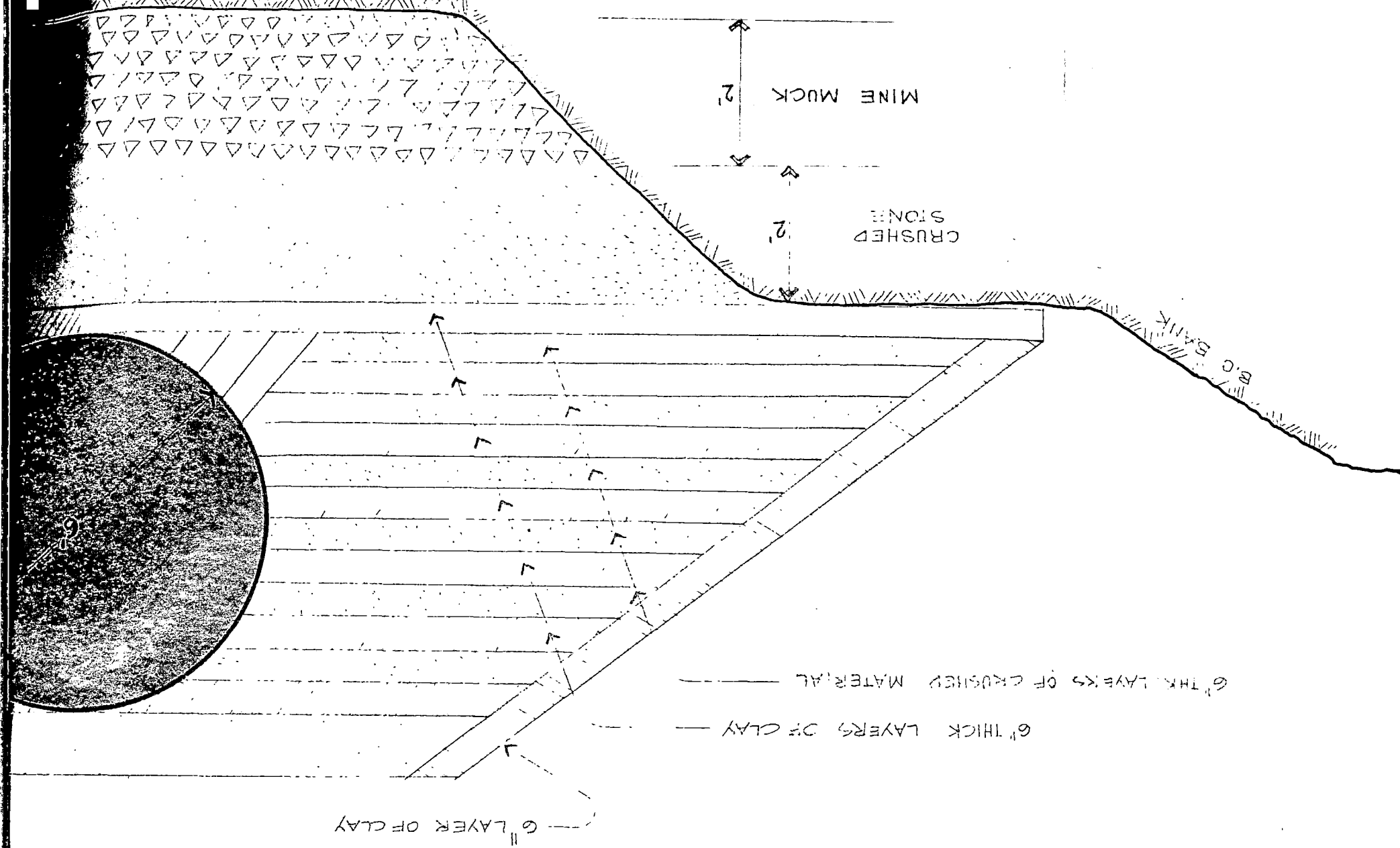


LONGITUDINAL SECTION
SCALE
(SECTION "A-A") $\frac{1}{4}" = 1'$

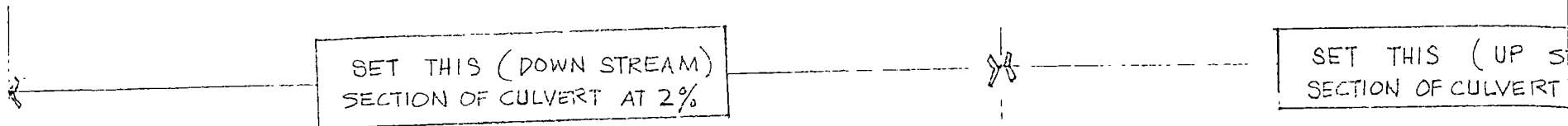
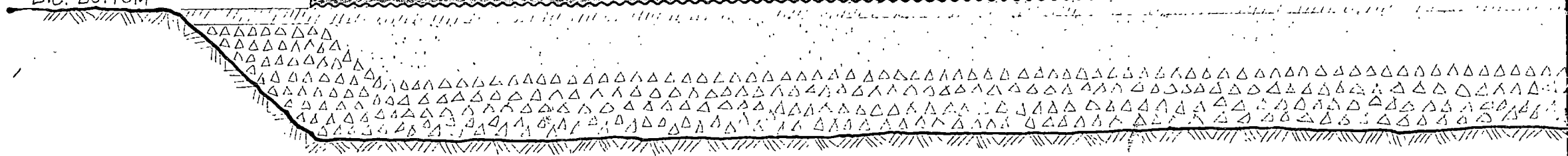


LONGITUDINAL SECTION
SCALE (SECTION "AA") $\frac{1}{4}" = 1'$

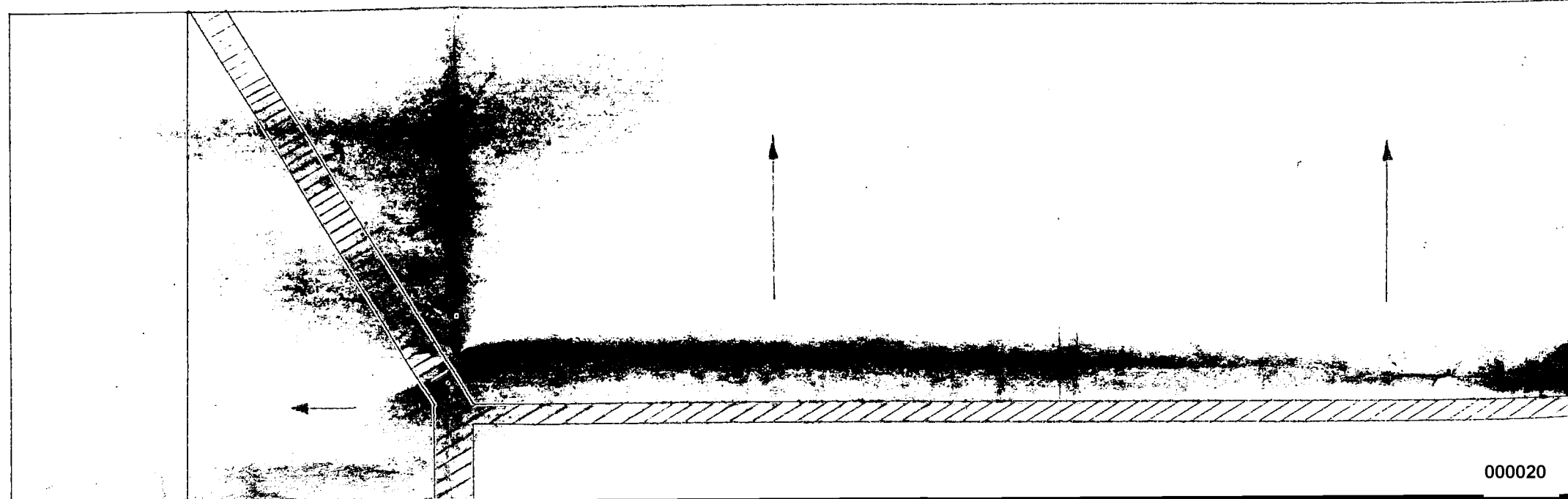


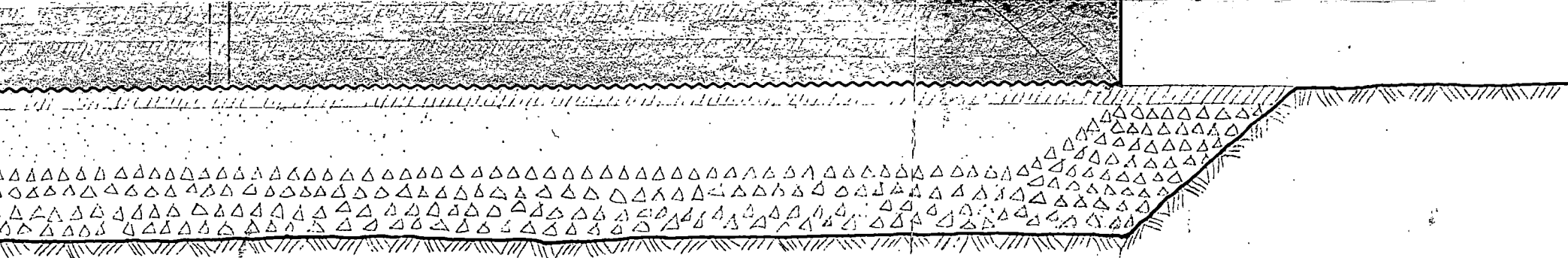


B.C. BOTTOM



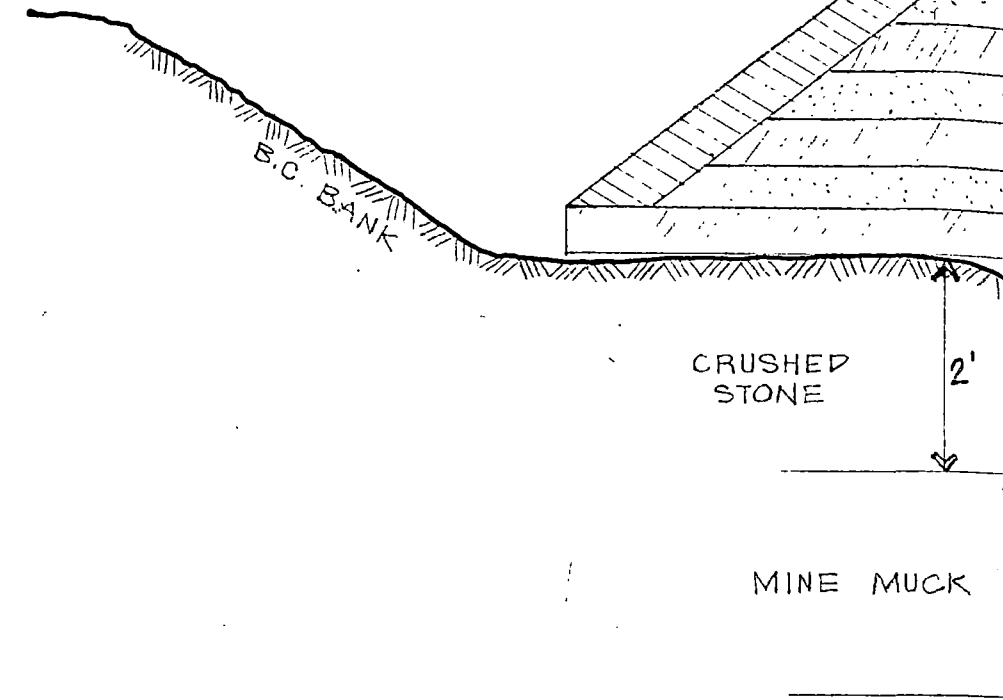
LONGITUDINAL SECTION
SCALE $\frac{1}{4}'' = 1'$
(SECTION "A-A")





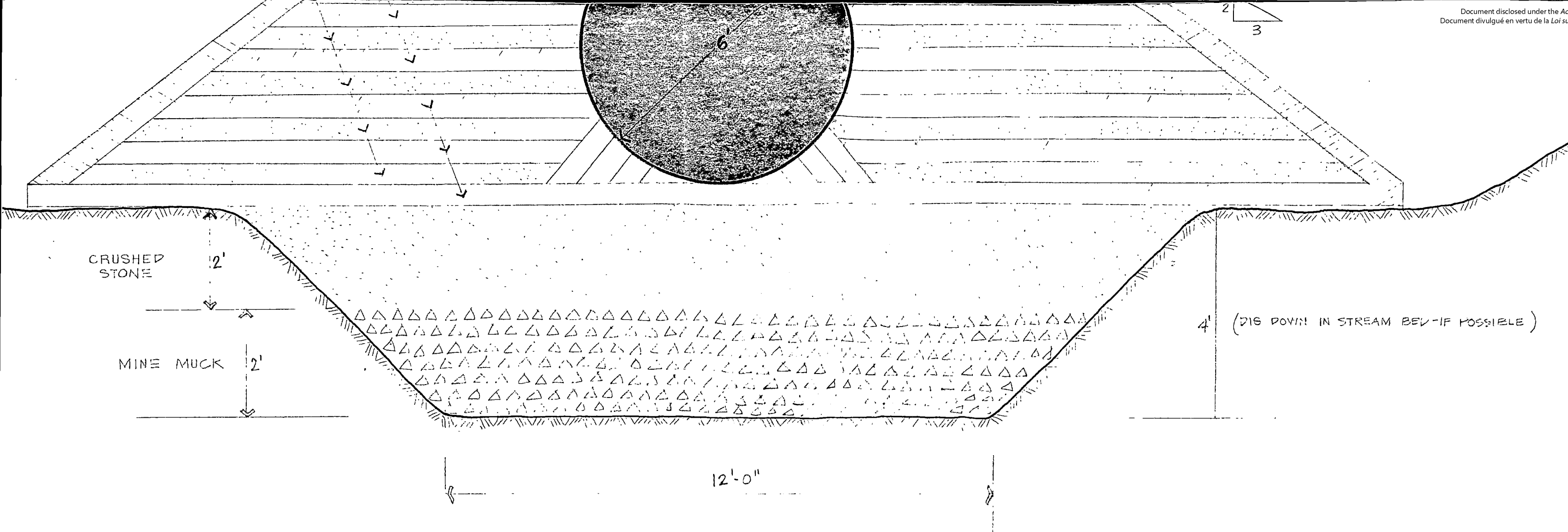
SET THIS (UP STREAM)
SECTION OF CULVERT - FLAT

LONGITUDINAL SECTION
SCALE $\frac{1}{4}'' = 1'$
(SECTION "A-A")



NOTE: ONCE WORK IS COMPLETED AS SHOWN
PIT RUN MUCK WILL BE PLACED OVER
AS INDICATED IN DASHED LINE - LOW
(THIS WILL BE DONE BY THE OWNER)

SITUATION - LOCATION OF Ø 6' CULVERT



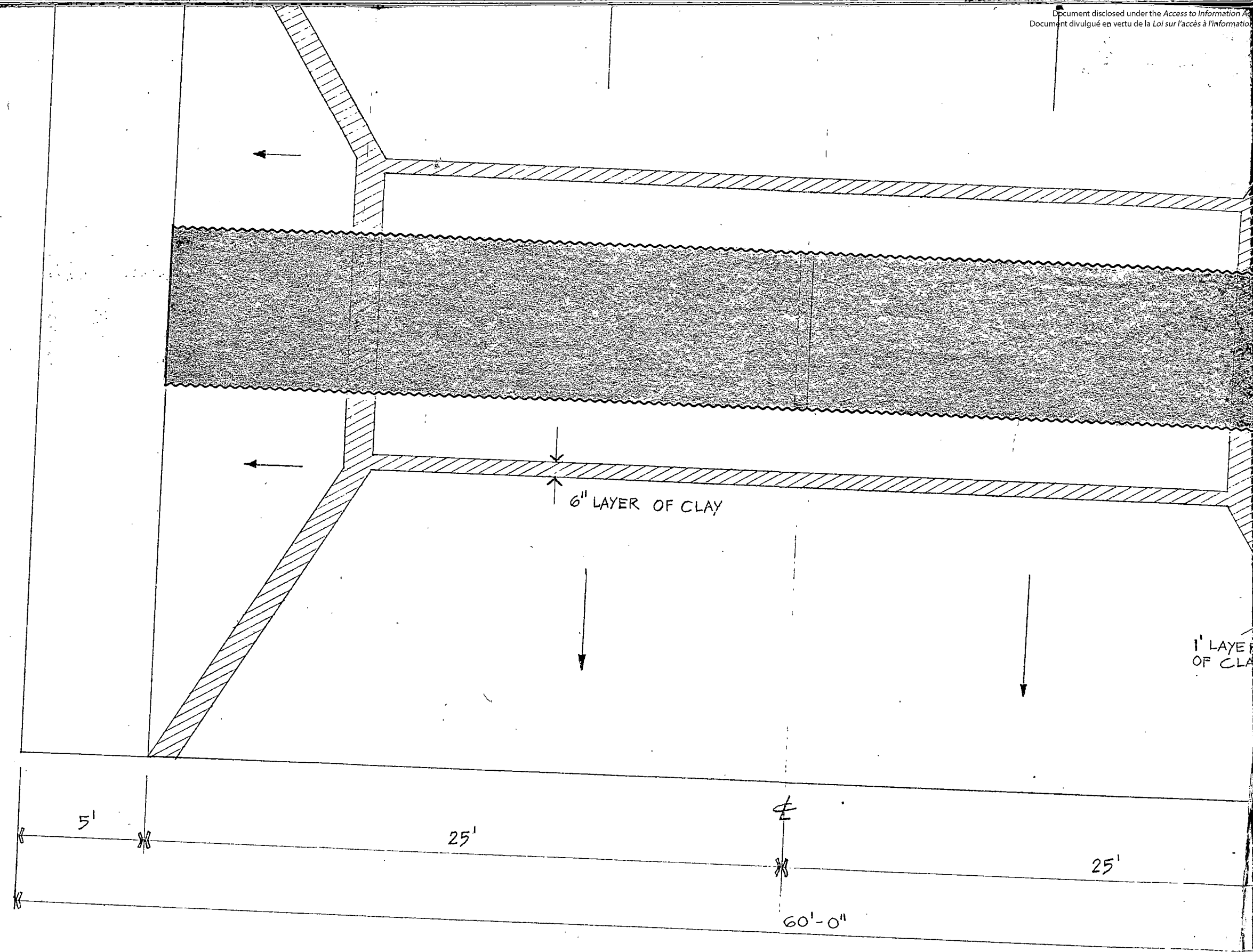
SECTION "B-B"

SCALE 1/2" = 1'

IS COMPLETED AS SHOWN ON THIS DRAWING
MUCK WILL BE PLACED OVER UP TO 4' IN HEIGHT
IN DASHED LINE - LONGITUDINAL SECTION,
(BE DONE BY THE OWNER).

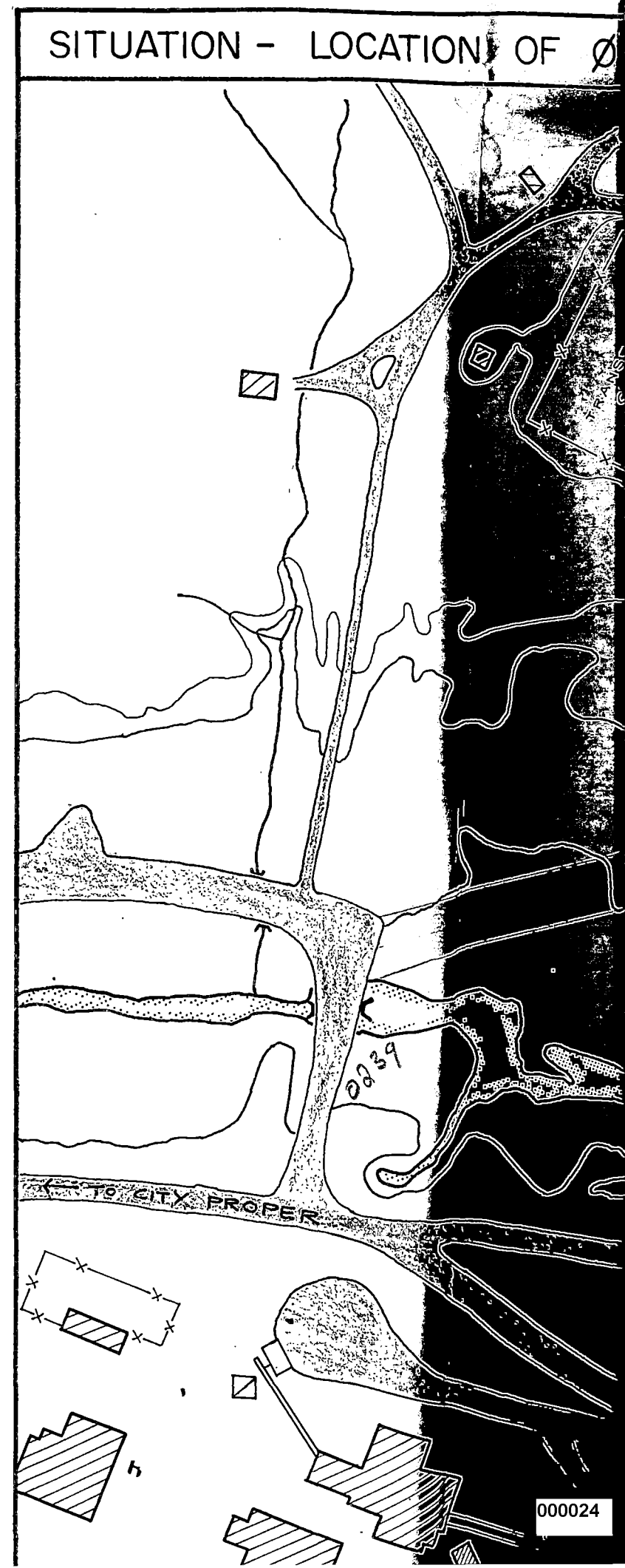
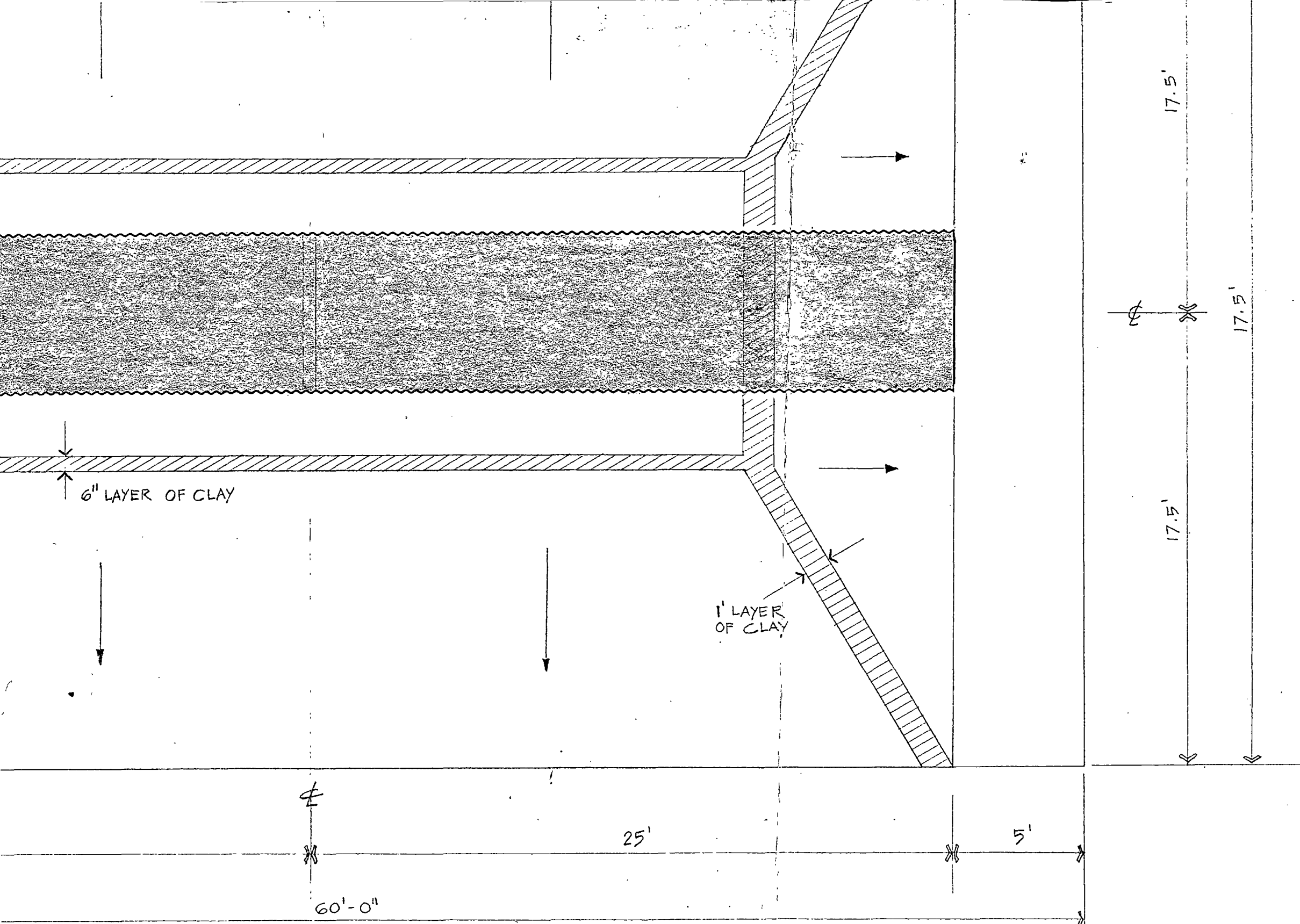
N OF Ø 6' CULVERT ON NORTH EXPOSED SIDE OF OPEN PIT

SCALE 1" = 100'



PLAN VIEW
SCALE $\frac{1}{4}'' = 1'$

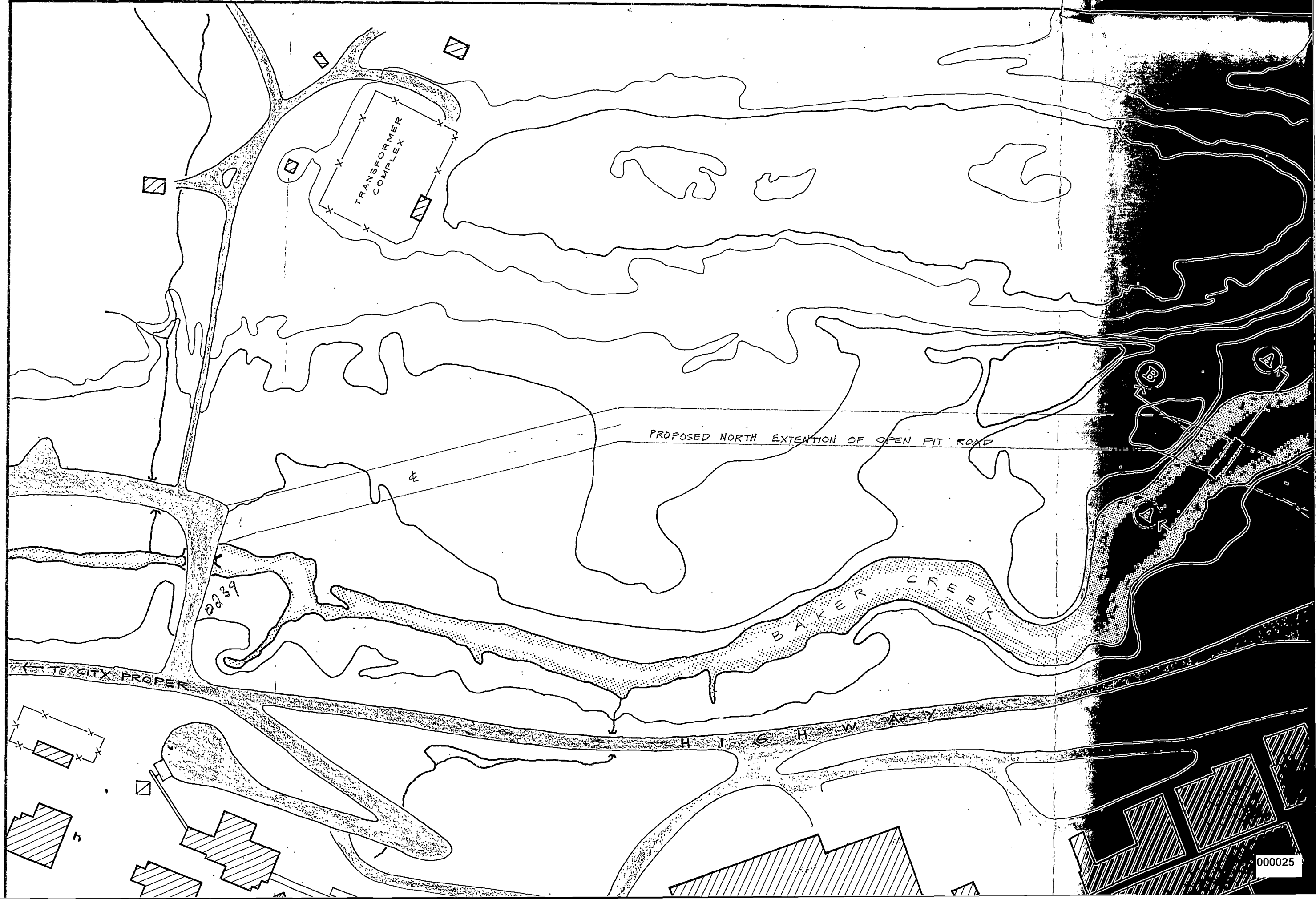
NIA6-0523



PLAN VIEW
SCALE 1/4" = 1'

NIA6-0523

SITUATION - LOCATION OF Ø 6' CULVERT ON NORTH EXTENTION OF OPEN PIT ROAD



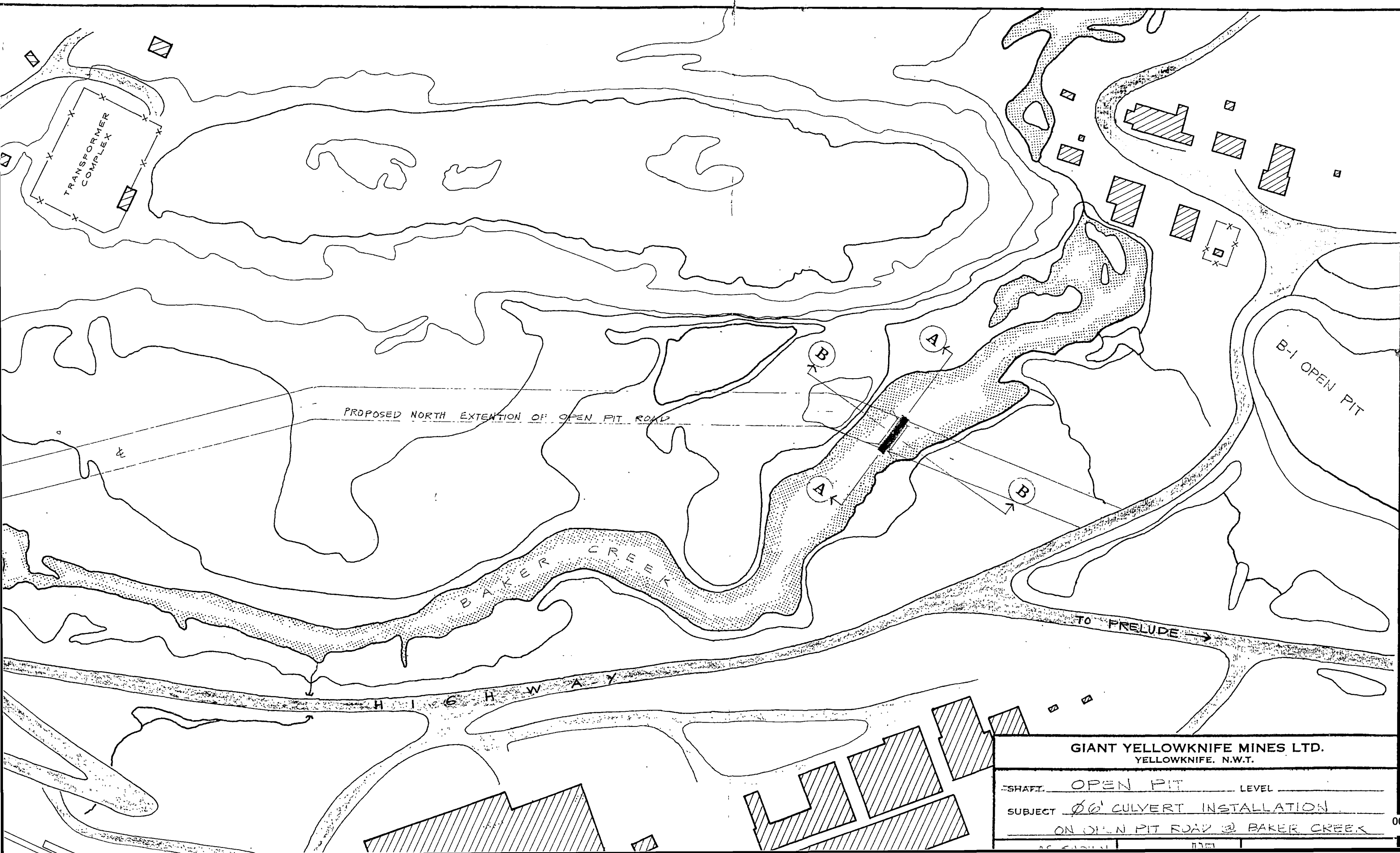
17.5'

17.5'

17.5'

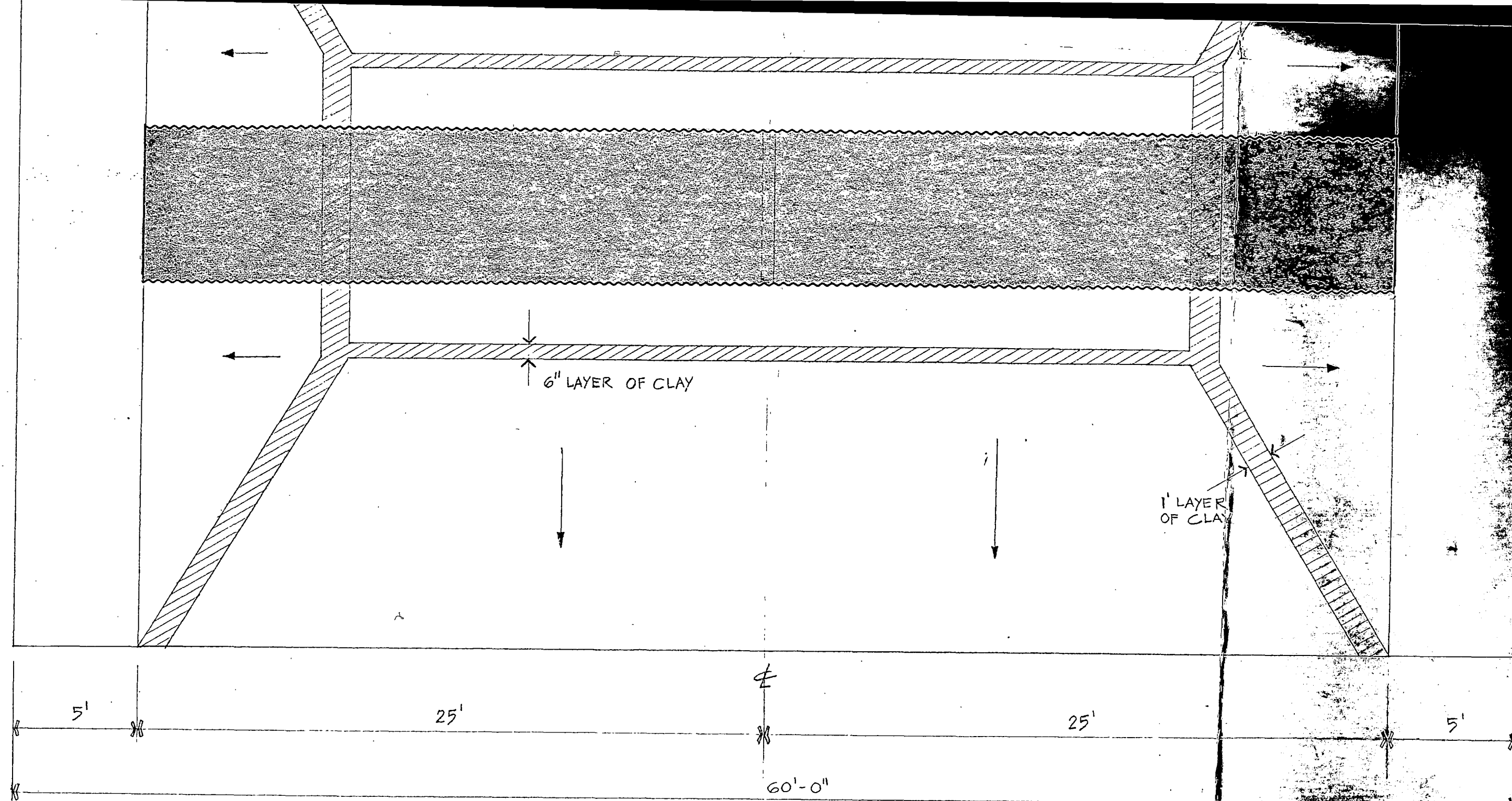
OF Ø 6' CULVERT ON NORTH EXTENTION OF OPEN PIT ROAD

SCALE 1" = 100'



GIANT YELLOWKNIFE MINES LTD.
YELLOWKNIFE, N.W.T.

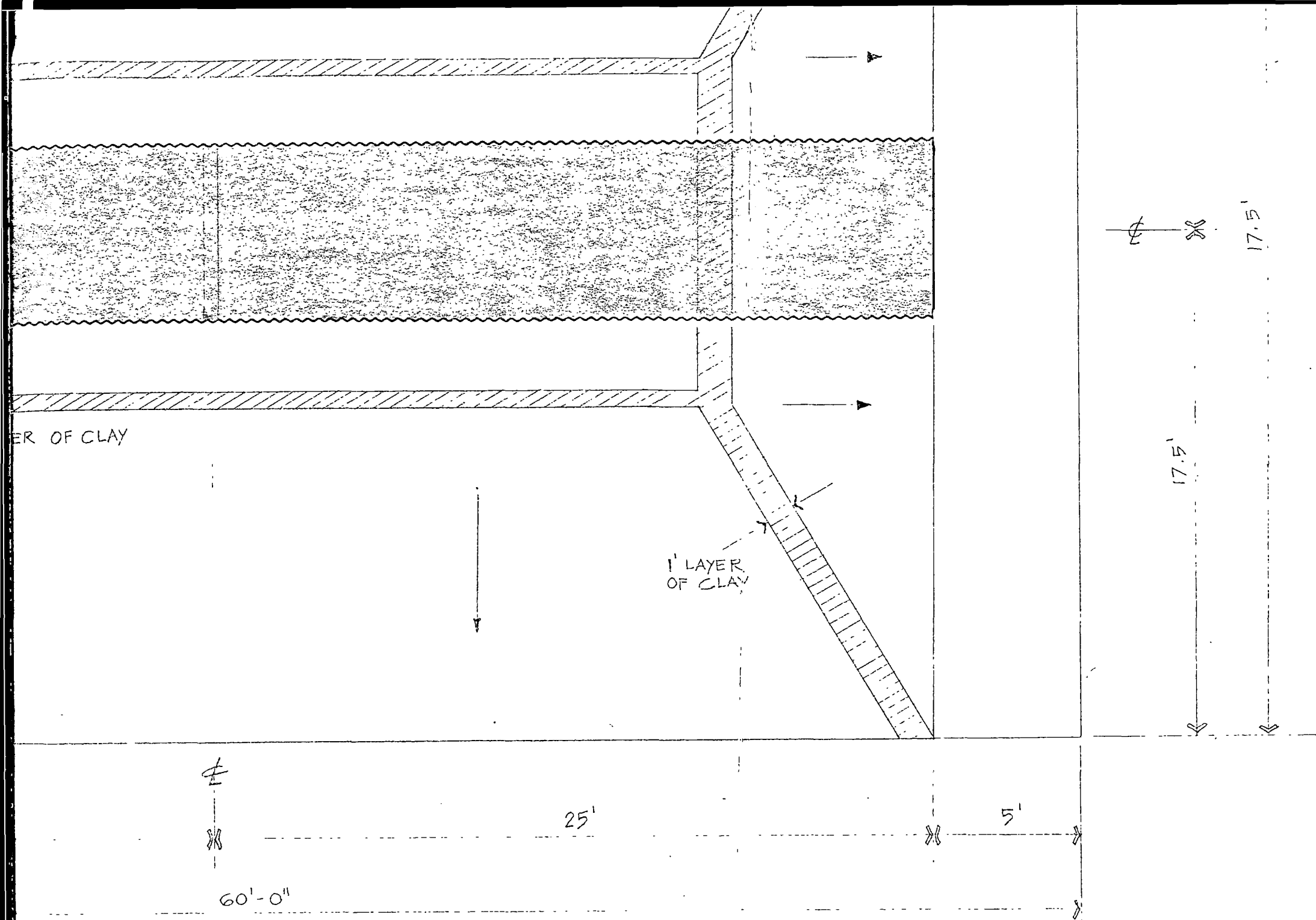
SHAFT	OPEN PIT	LEVEL
SUBJECT Ø 6' CULVERT INSTALLATION		
ON OPEN PIT ROAD @ BAKER CREEK		



PLAN VIEW
SCALE $\frac{1}{4}" = 1'$

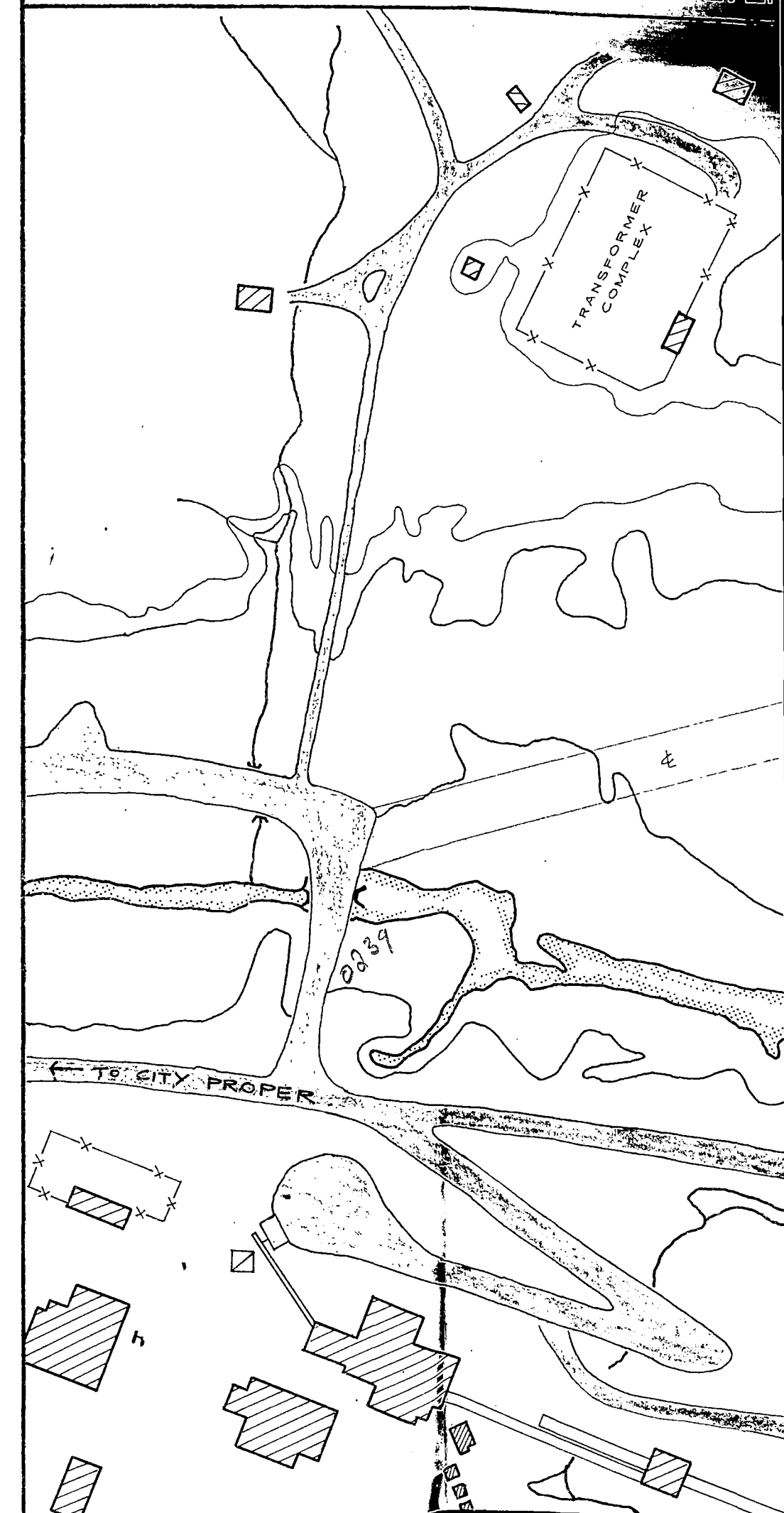


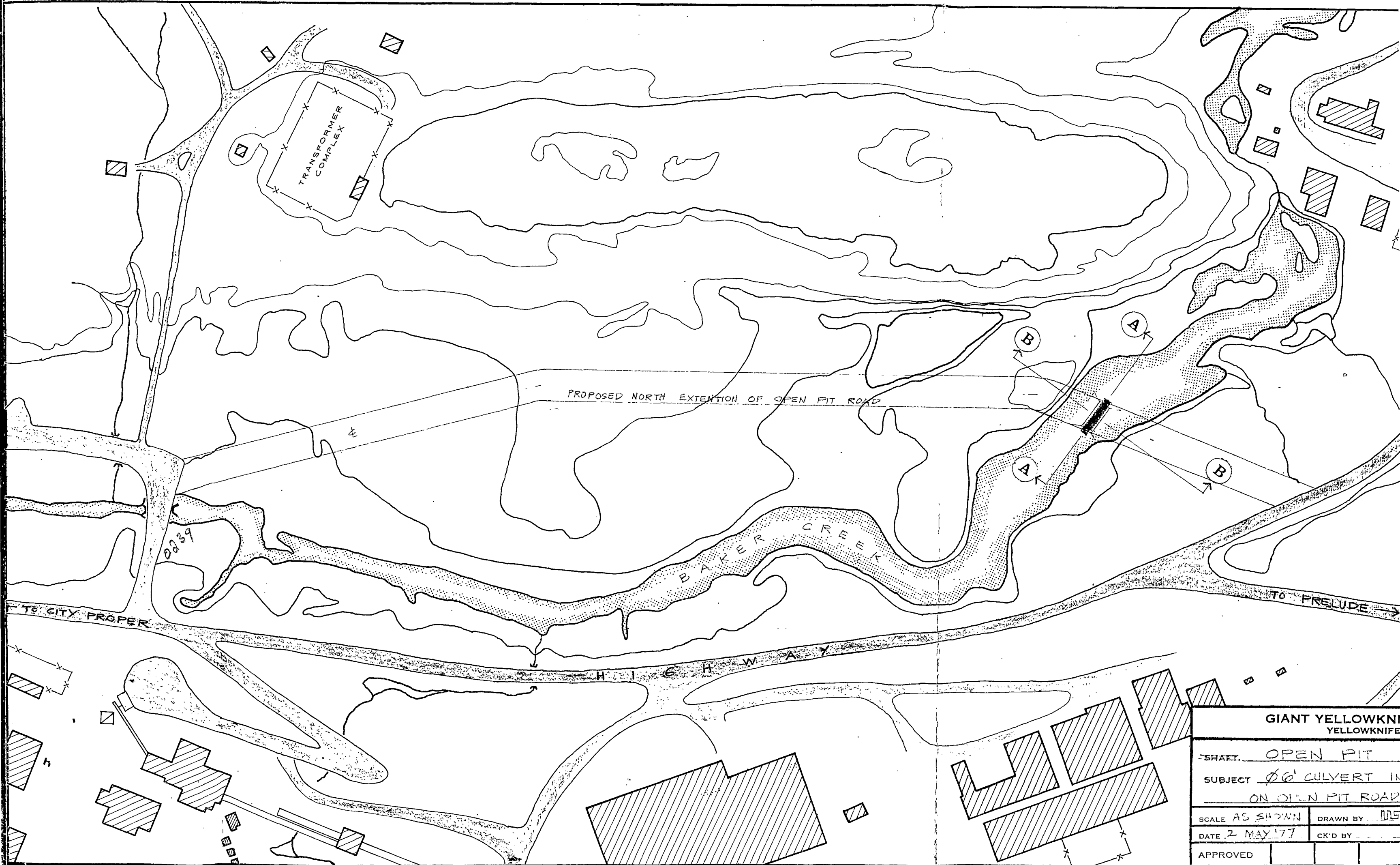
N1A6-0523



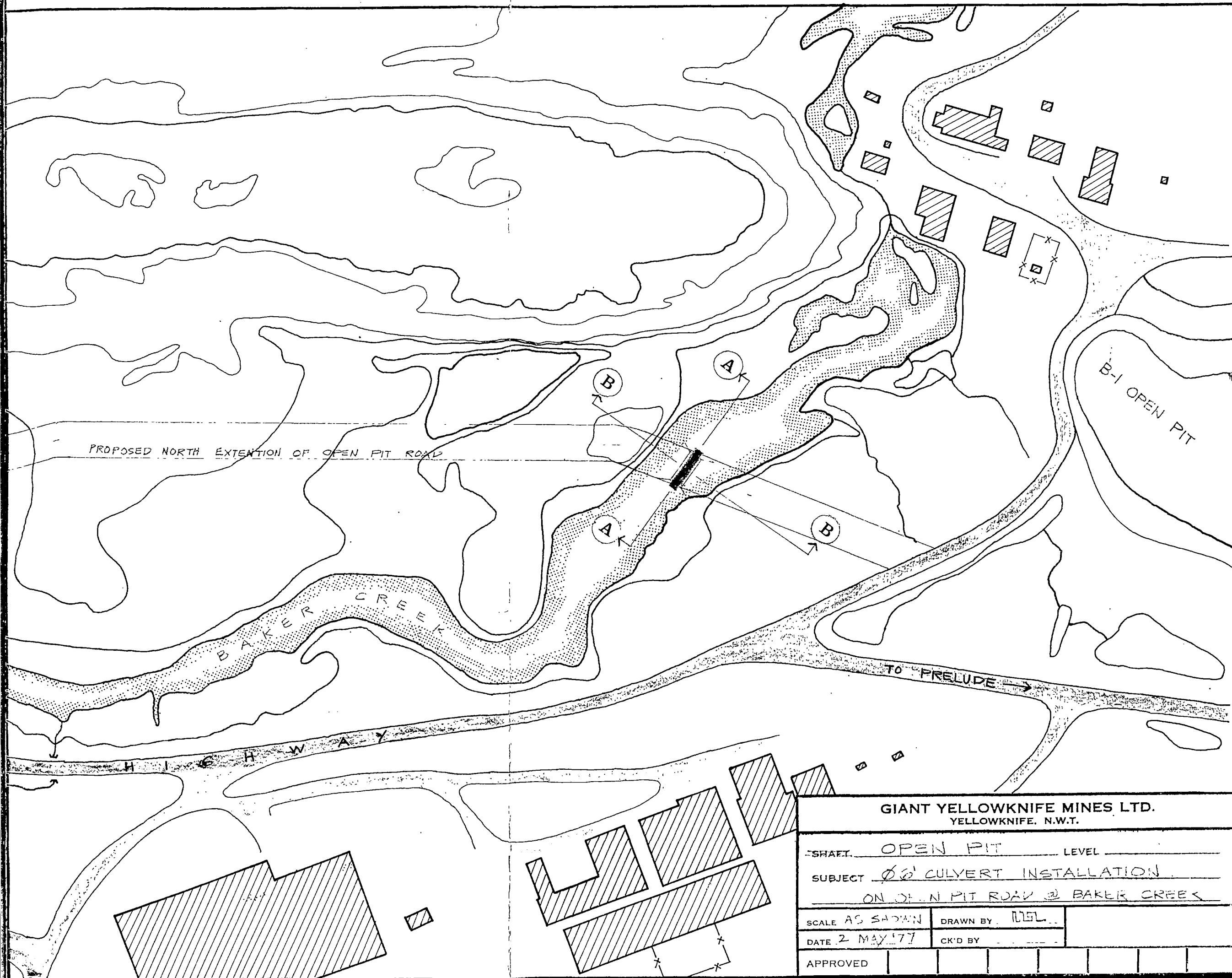
PLAN VIEW
SCALE 1/4" = 1'

NIA6-0523



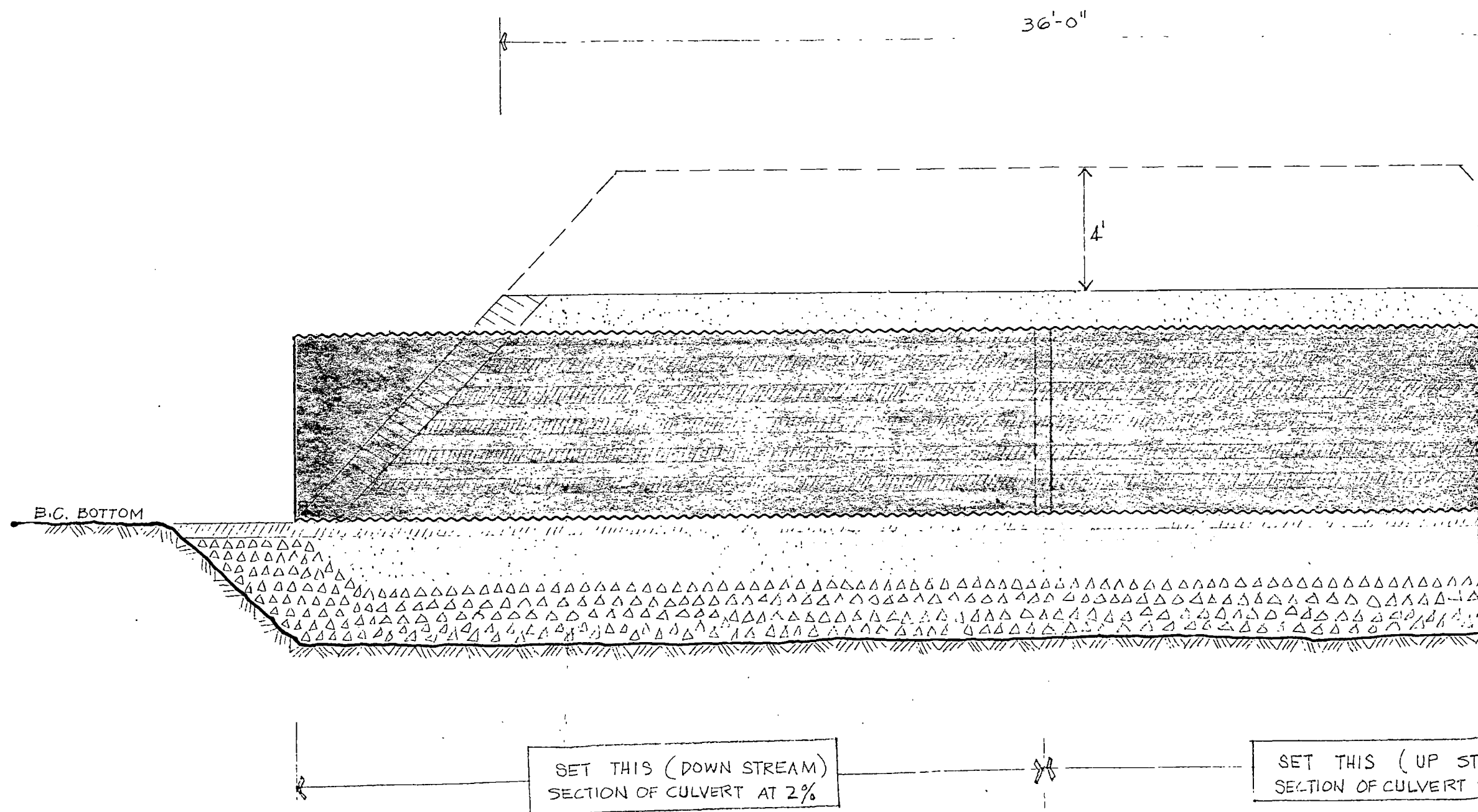


GIANT YELLOWKNIFE YELLOWKNIFE	
SHEET. OPEN PIT	
SUBJECT Ø 6' CULVERT IN ON OPEN PIT ROAD	
SCALE AS SHOWN	DRAWN BY. [initials]
DATE 2 MAY '77	CK'D BY
APPROVED	



GIANT YELLOWKNIFE MINES LTD.
 YELLOWKNIFE, N.W.T.

SHEET <u>OPEN PIT</u> LEVEL <u> </u>	
SUBJECT <u>ØØ' CULVERT INSTALLATION</u>	
<u>ON OPEN PIT ROAD @ BAKER CREEK</u>	
SCALE AS SHOWN	DRAWN BY <u>U.S.L.</u>
DATE <u>2 MAY '77</u>	CK'D BY <u> </u>
APPROVED	<u> </u>

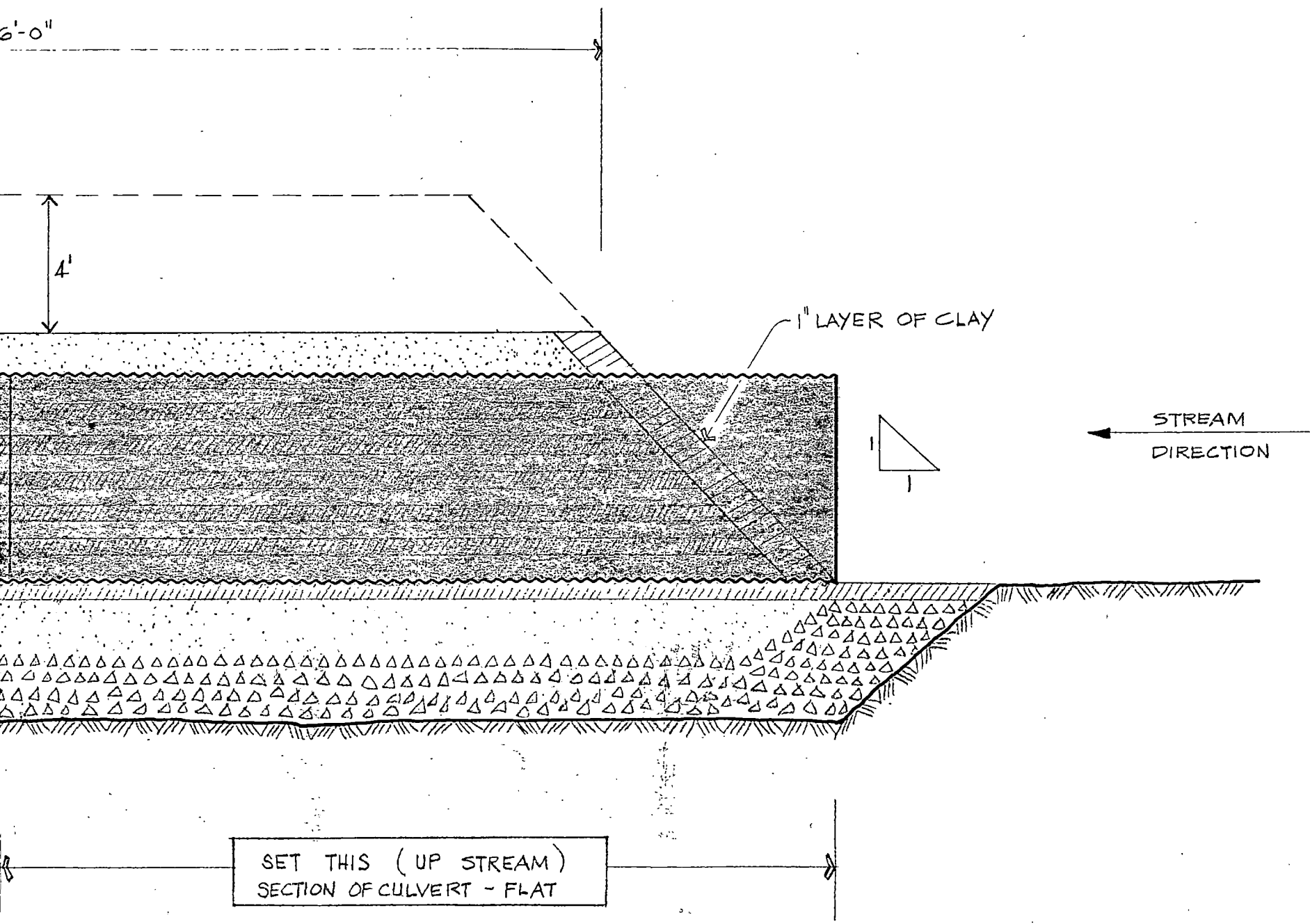


LONGITUDINAL SECTION

SCALE

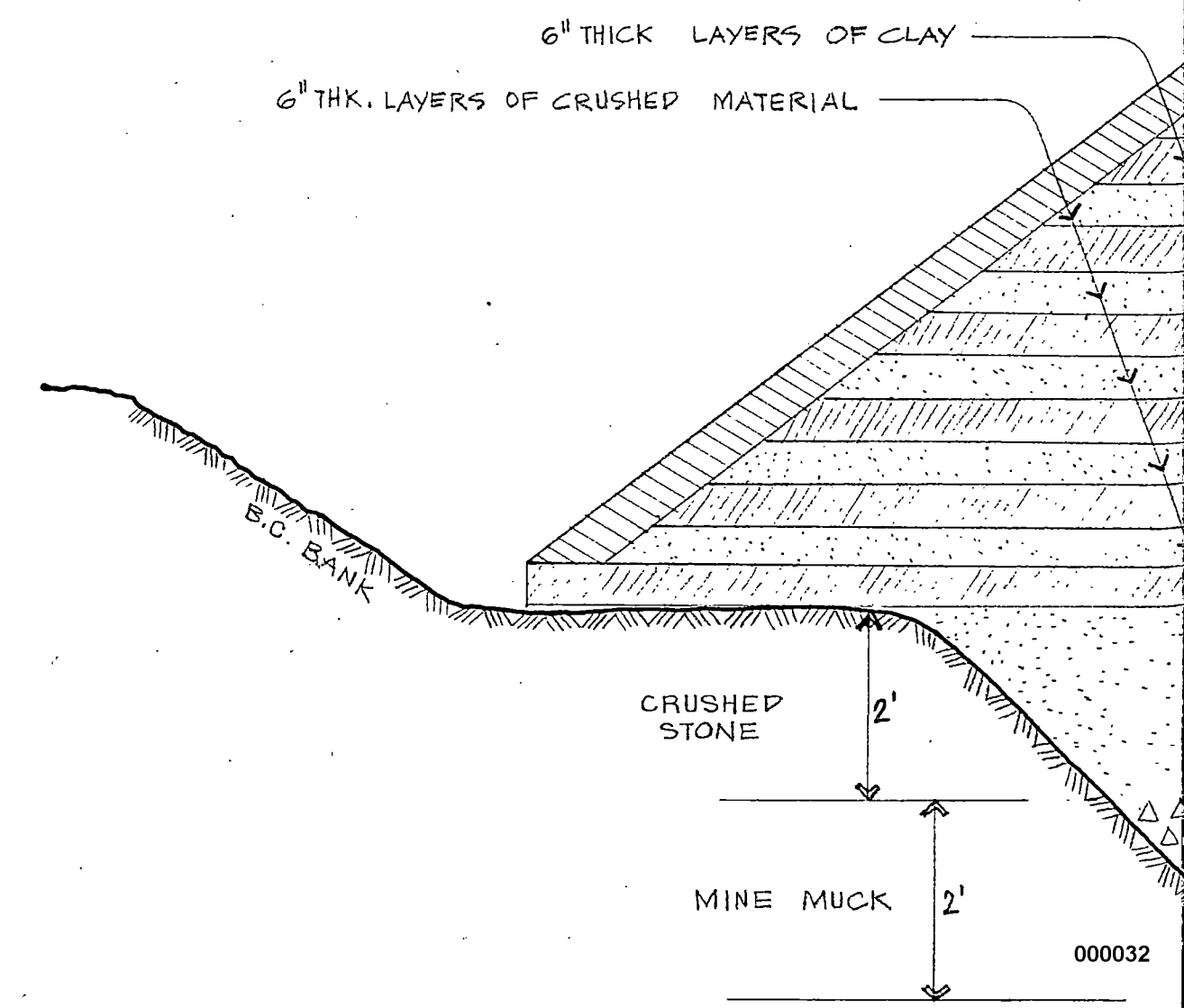
$\frac{1}{4}" = 1'$

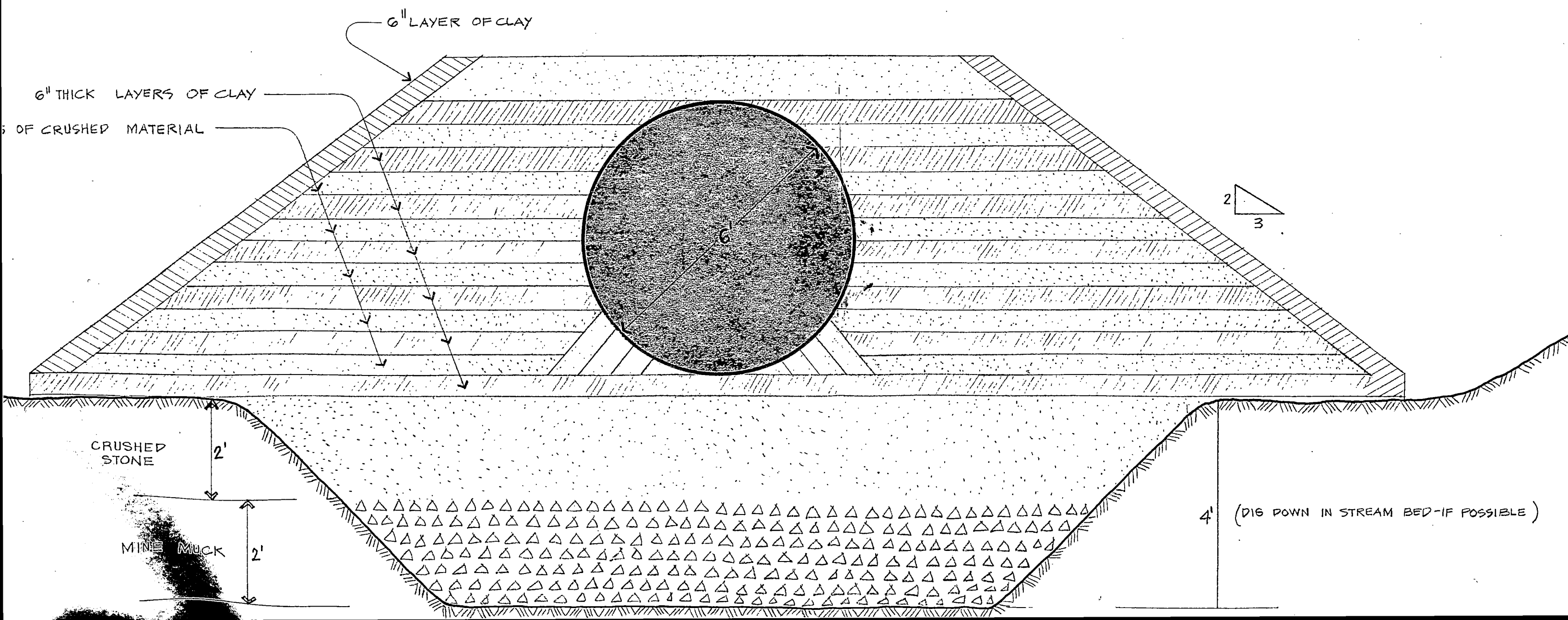
(SECTION "A-A")

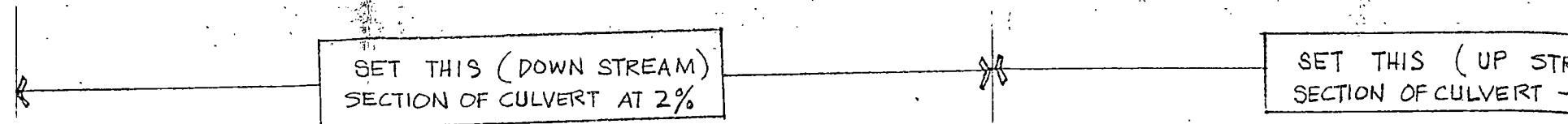


AL SECTION
ON "A-A")

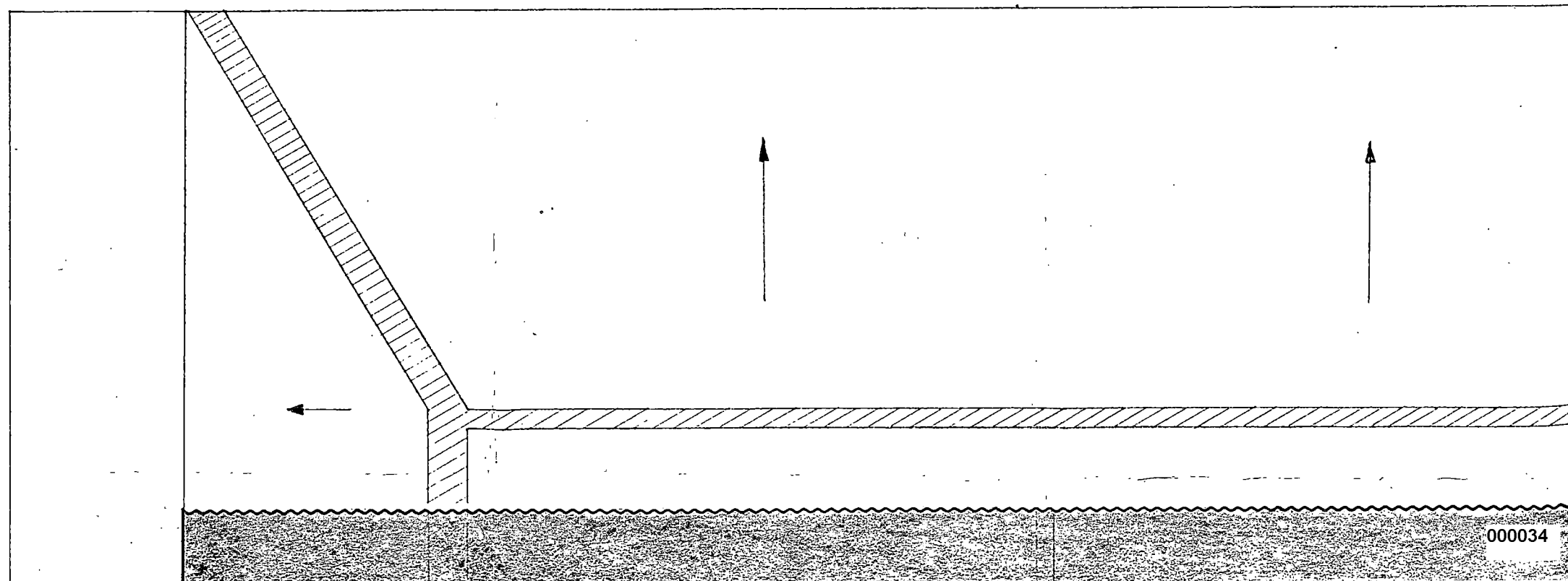
$\frac{1}{4}" = 1'$

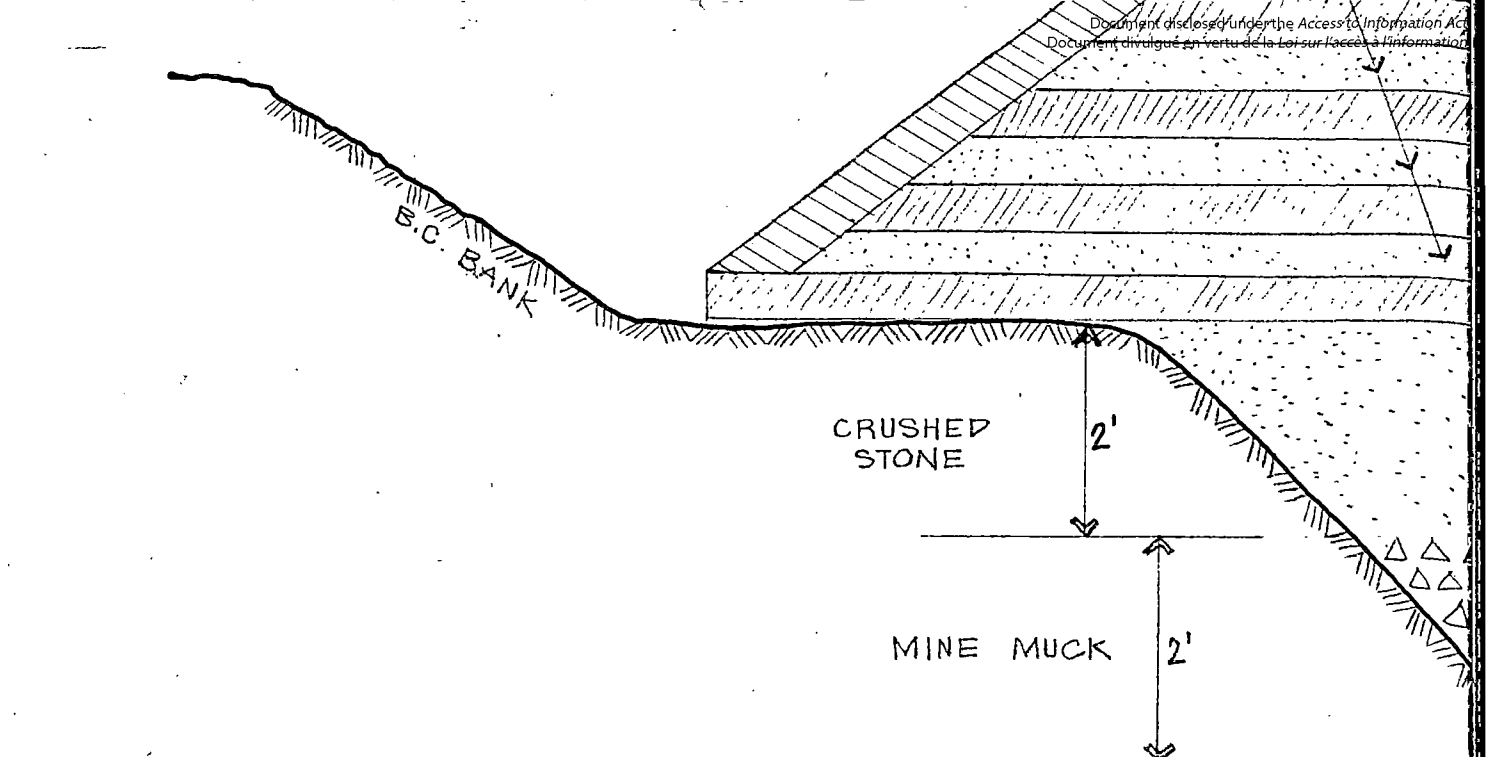
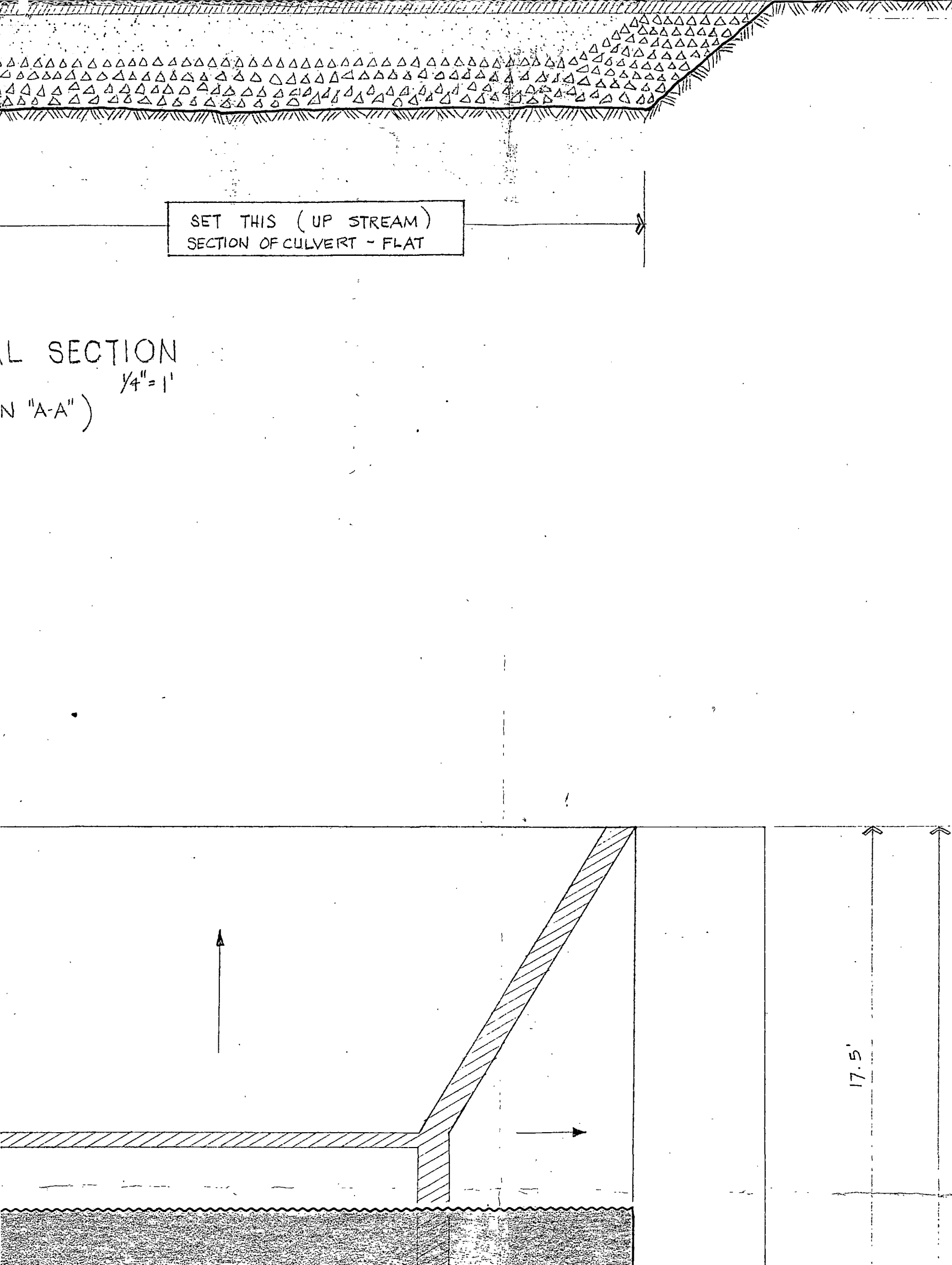




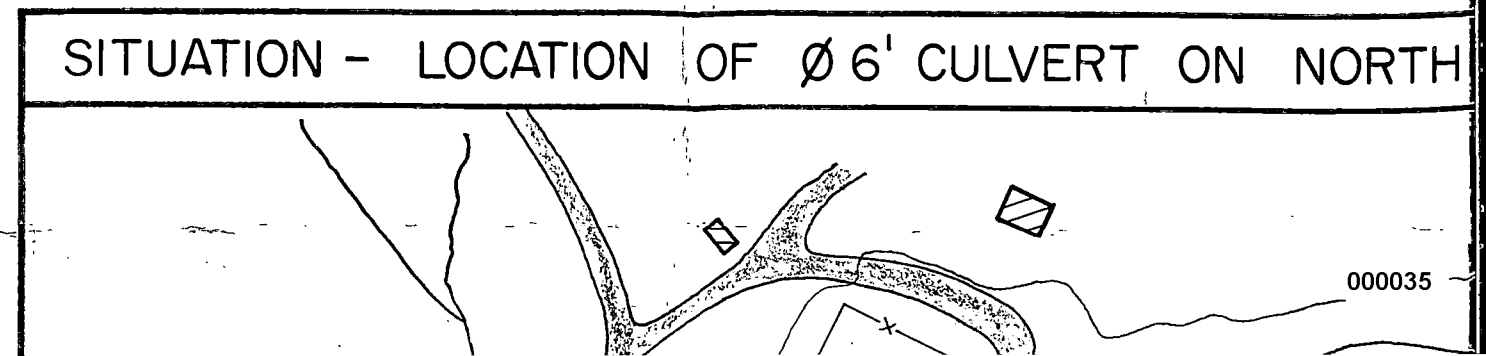


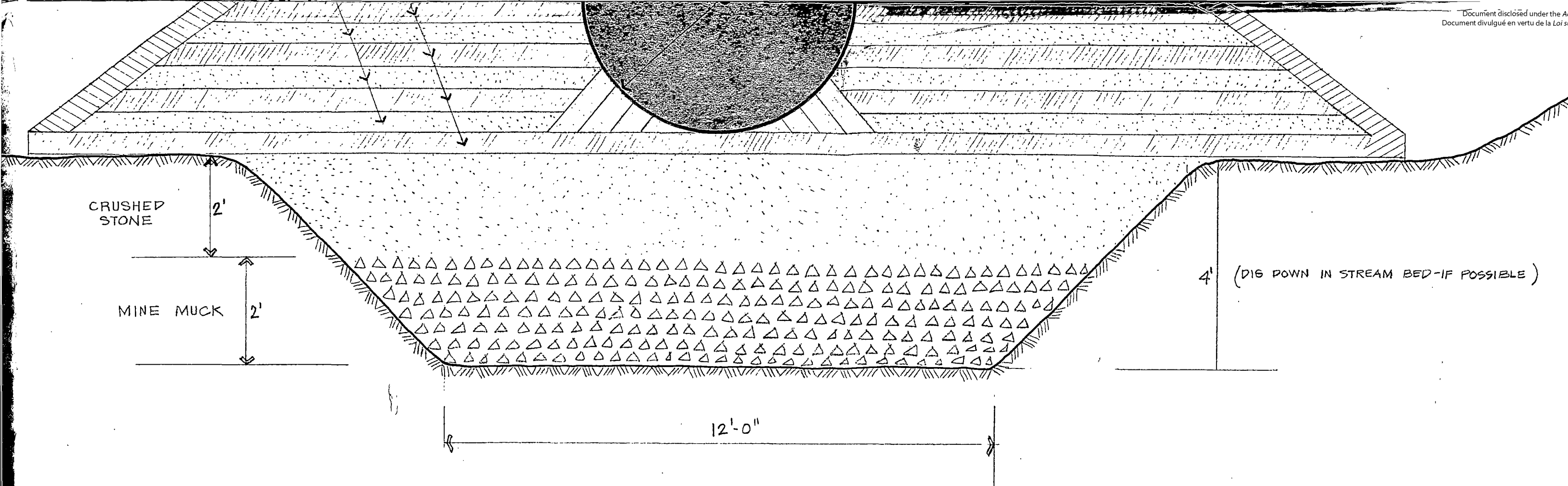
LONGITUDINAL SECTION
SCALE $\frac{1}{4}'' = 1'$
(SECTION "A-A")





NOTE: ONCE WORK IS COMPLETED AS SHOWN ON THIS DRAWING
PIT RUN MUCK WILL BE PLACED OVER UP TO 4' IN HEIGHT
AS INDICATED IN DASHED LINE - LONGITUDINAL SECTION
(THIS WILL BE DONE BY THE OWNER).



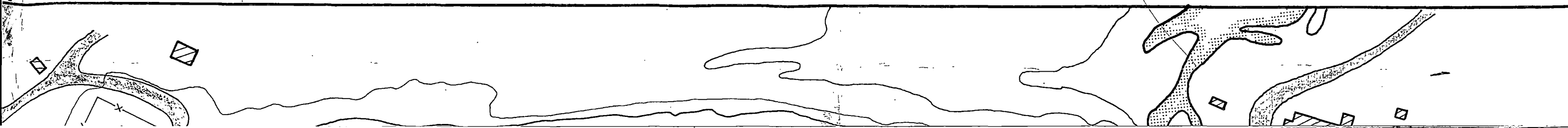


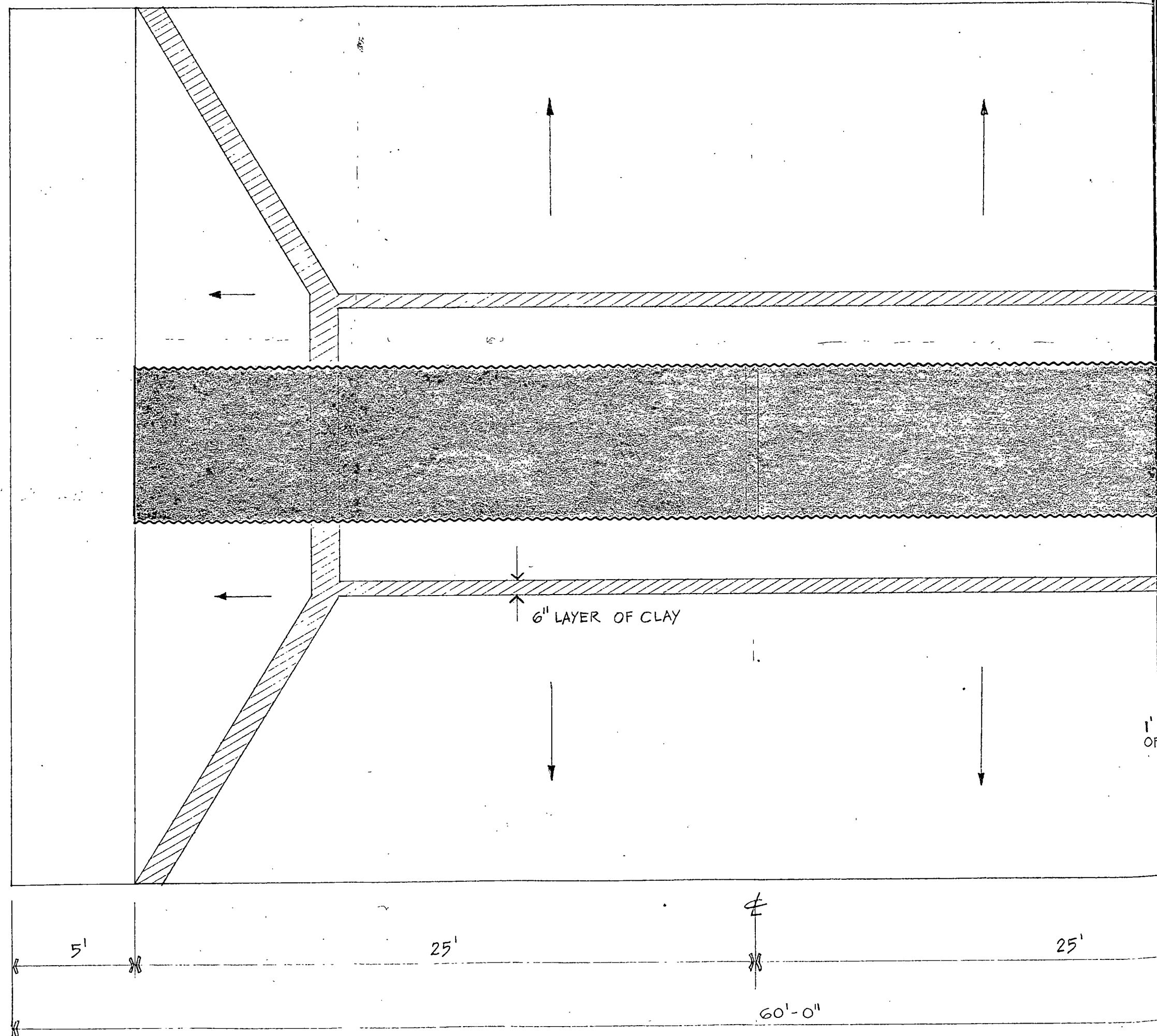
SECTION "B-B"
SCALE $\frac{1}{2}" = 1'$

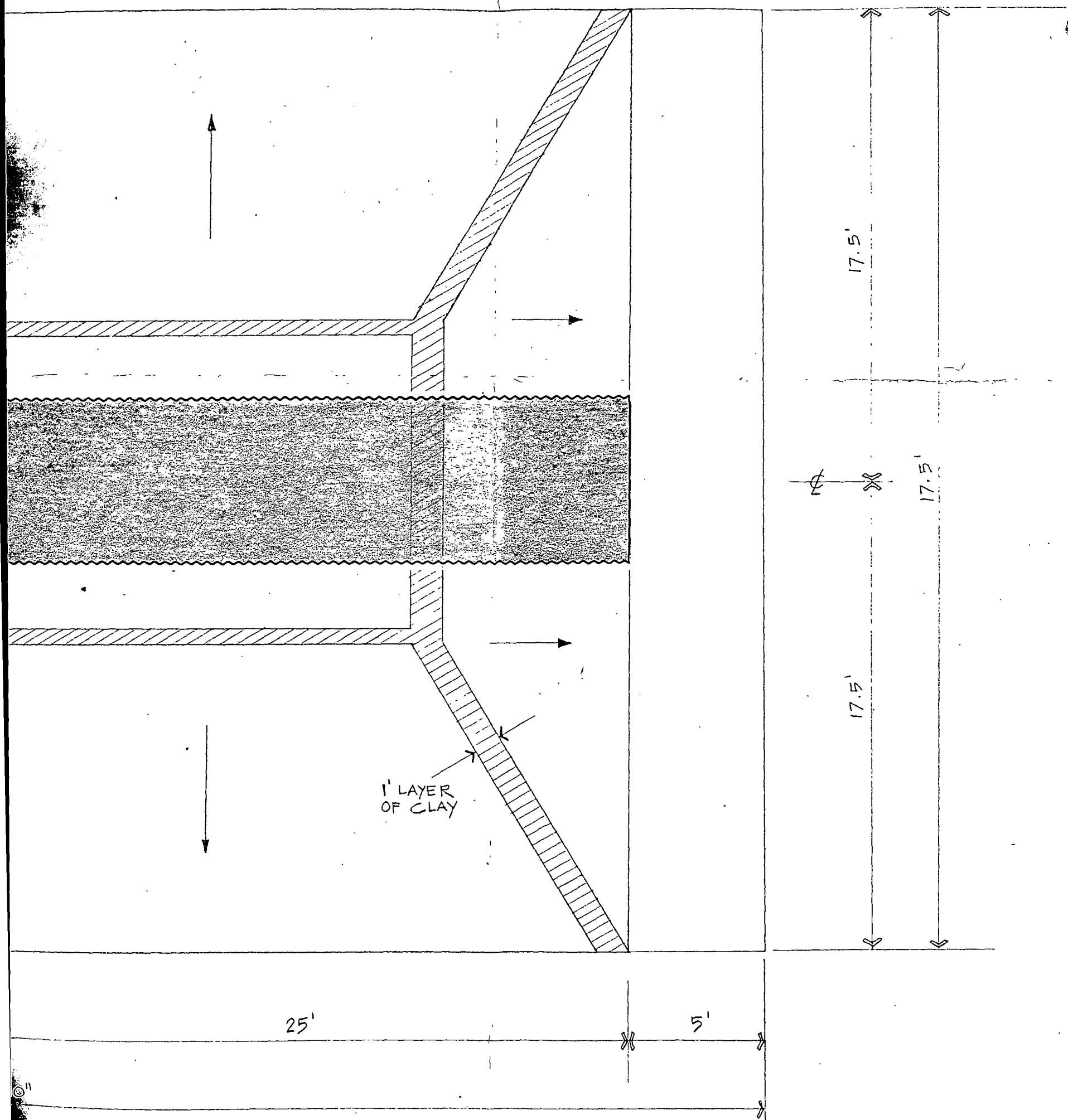
IS COMPLETED AS SHOWN ON THIS DRAWING
WILL BE PLACED OVER UP TO 4' IN HEIGHT
ED IN DASHED LINE - LONGITUDINAL SECTION,
BE DONE BY THE OWNER).

OF Ø 6' CULVERT ON NORTH EXTENTION OF OPEN PIT ROAD

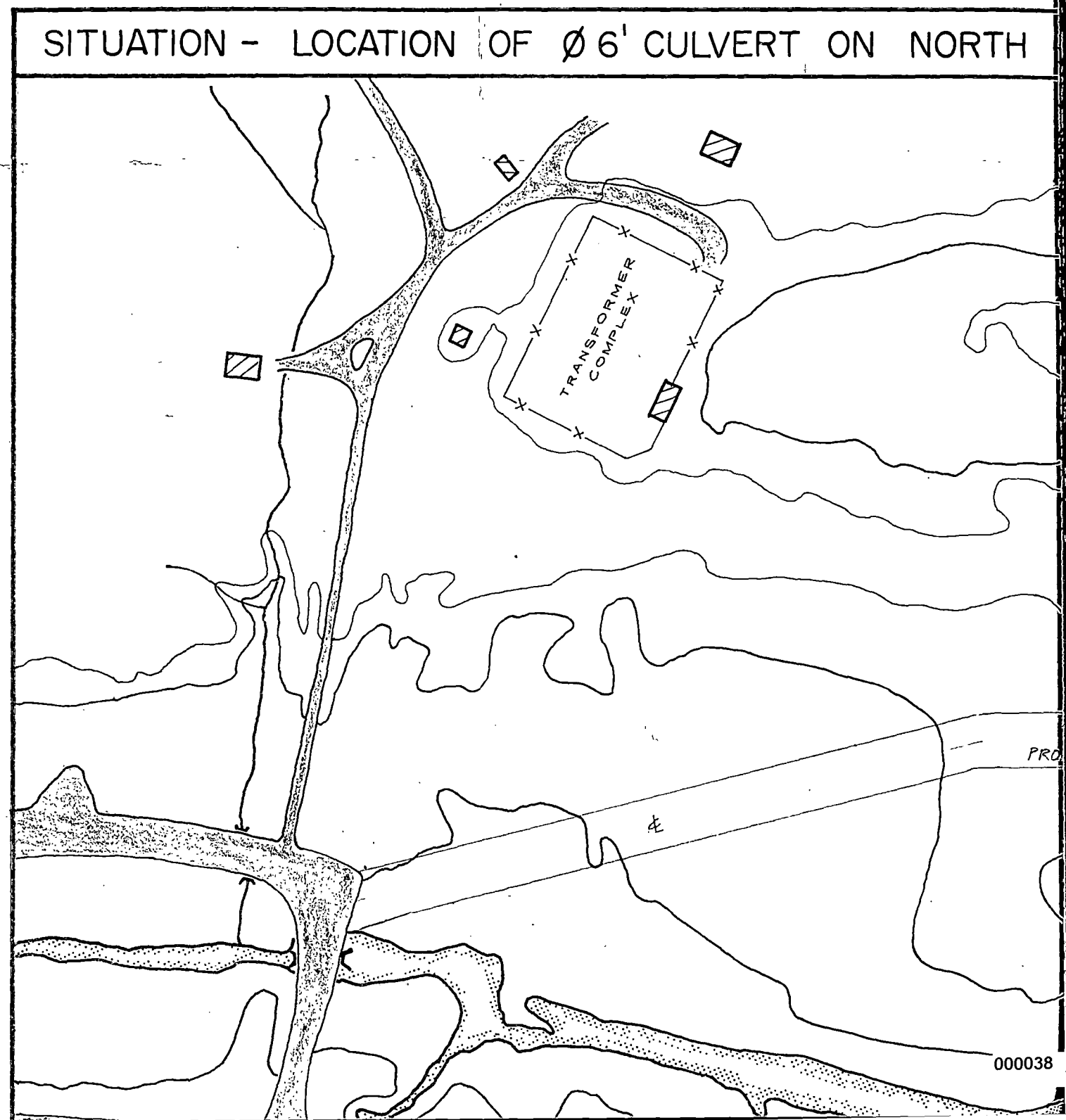
SCALE 1" = 100'







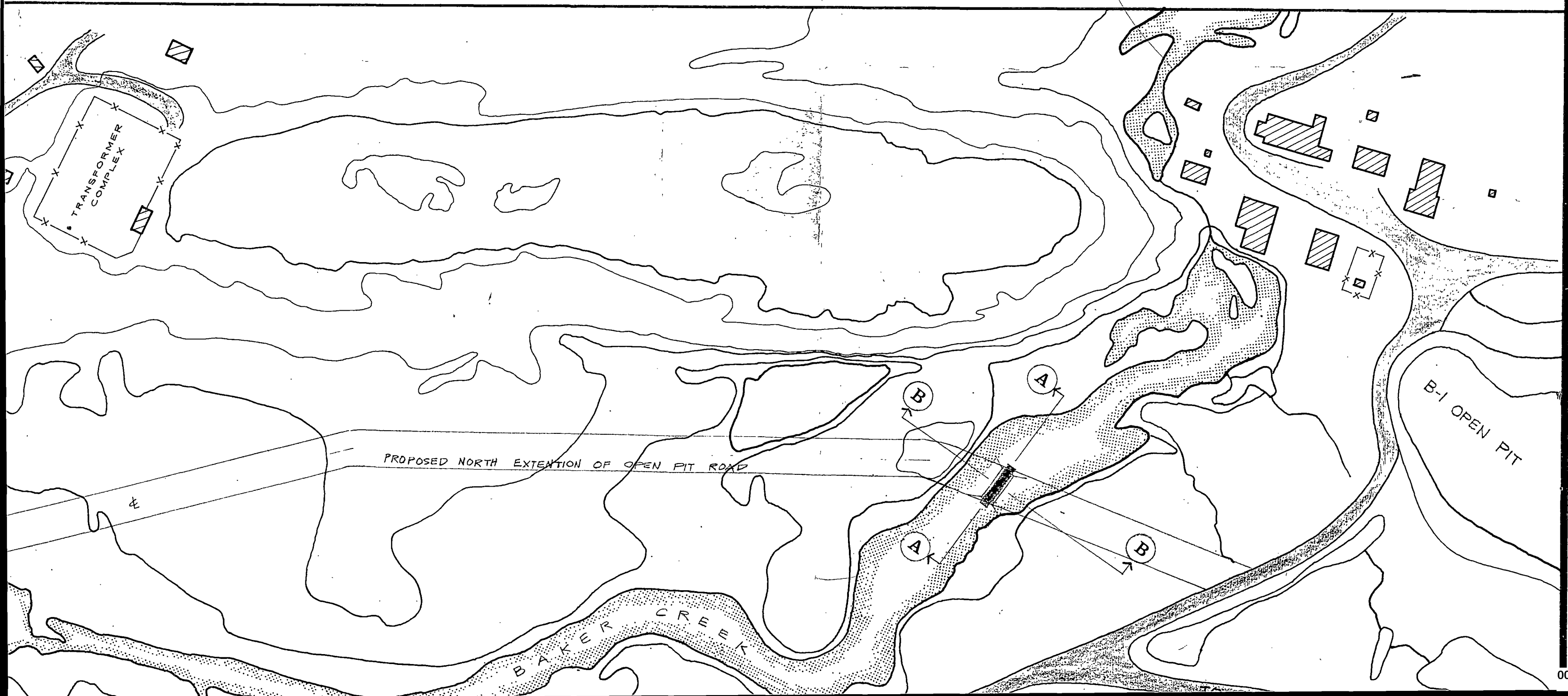
NOTE: ONCE WORK IS COMPLETED AS SHOWN ON THIS DRAWING
PIT RUN MUCK WILL BE PLACED OVER UP TO 4' IN HEIGHT
AS INDICATED IN DASHED LINE - LONGITUDINAL SECTION
(THIS WILL BE DONE BY THE OWNER).

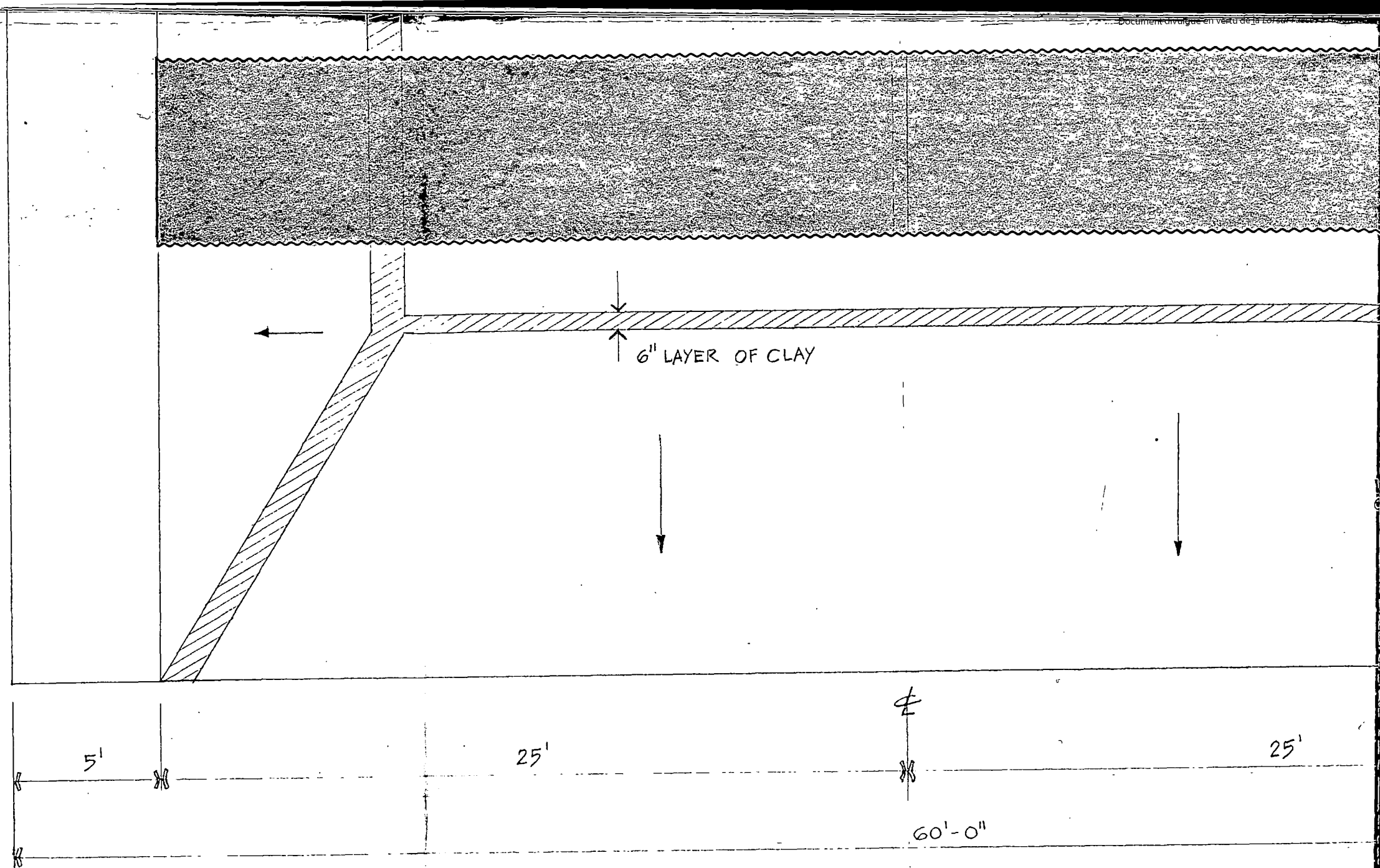


IS COMPLETED AS SHOWN ON THIS DRAWING
CK WILL BE PLACED OVER UP TO 4' IN HEIGHT
ED IN DASHED LINE - LONGITUDINAL SECTION,
BE DONE BY THE OWNER).

OF Ø 6' CULVERT ON NORTH EXTENTION OF OPEN PIT ROAD

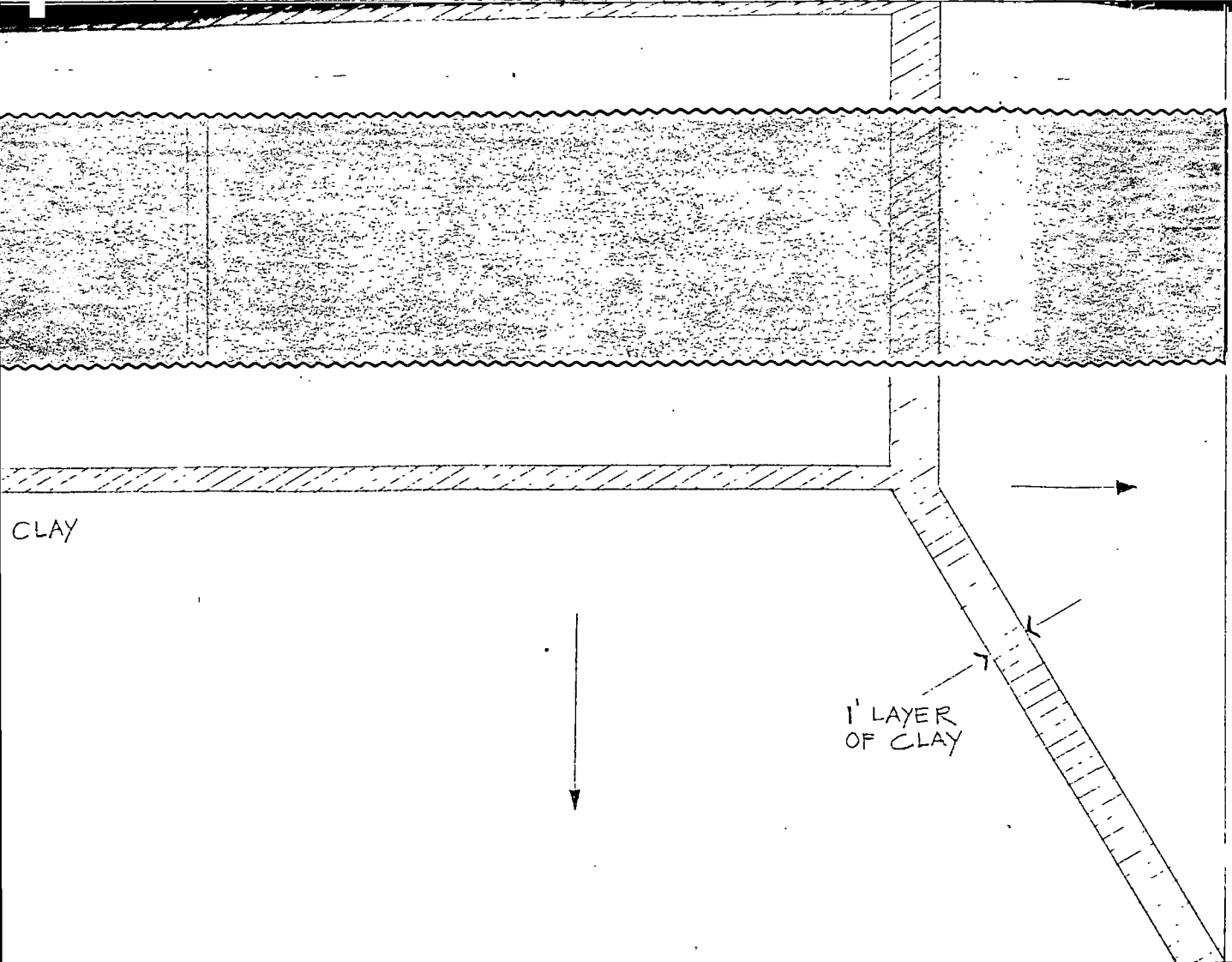
SCALE 1" = 100'





NORTHWEST TERRITORIES
WATER BOARD
MAY 6 1977
YELLOWKNIFE, N.W.T.

PLAN VIEW
SCALE
 $\frac{1}{4}" = 1'$



17.5'

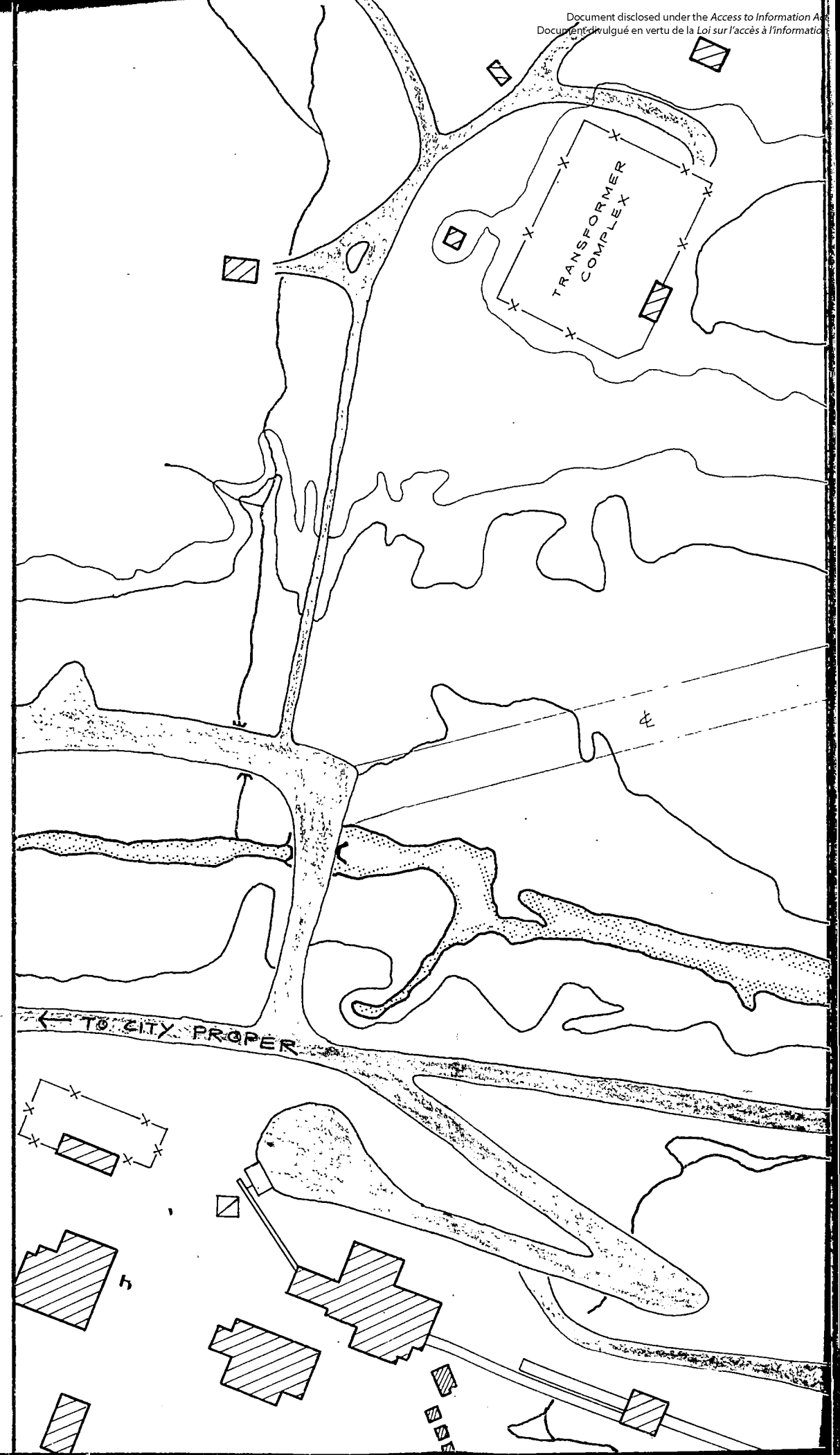
17.5'

60'-0"

25'

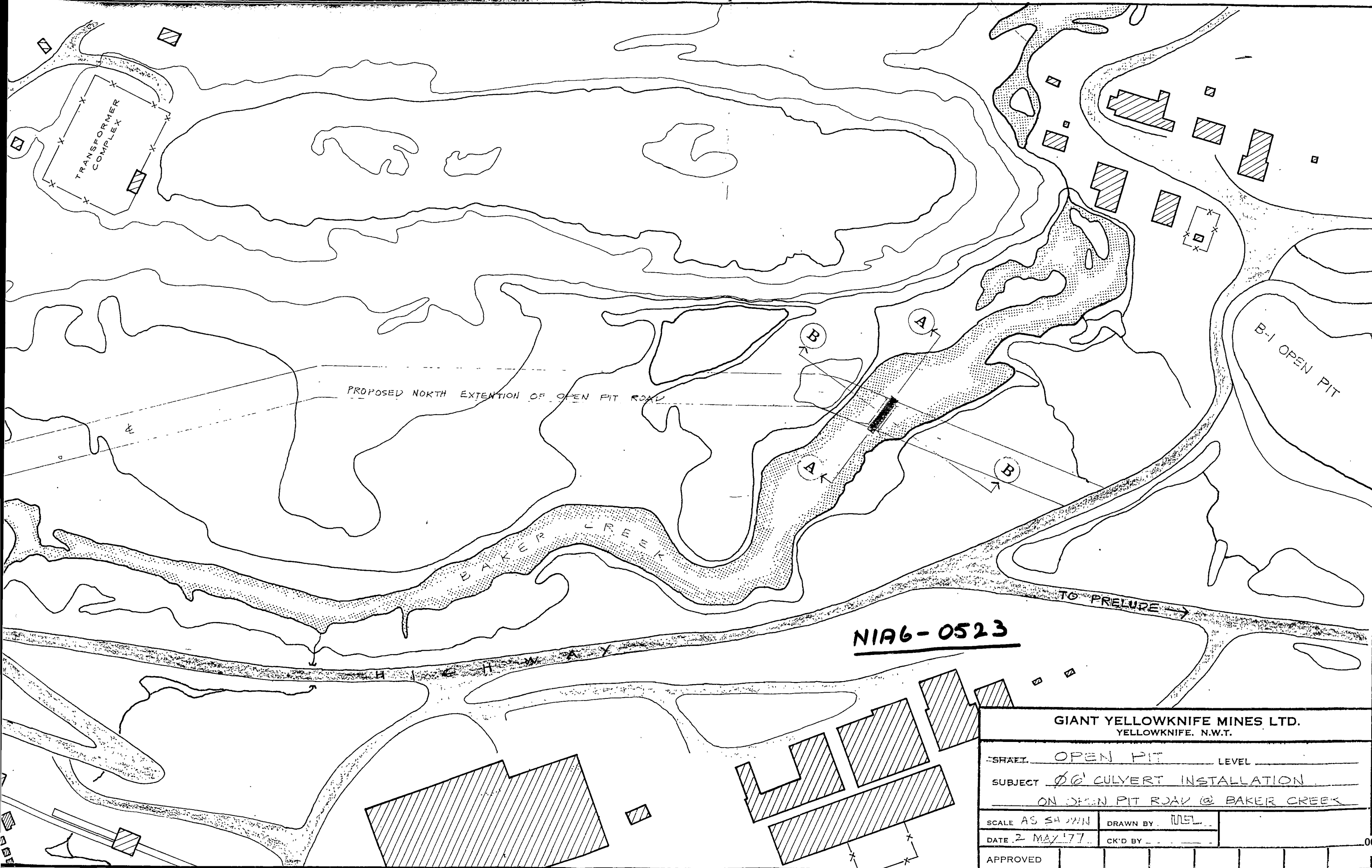
5'

PLAN VIEW
1/4" = 1'



N. OF Ø 6' CULVERT ON NORTH EXTENTION OF OPEN PIT ROAD

SCALE 1" = 100'



NIA6-0523

GIANT YELLOWKNIFE MINES LTD.
YELLOWKNIFE, N.W.T.

SHEET <u>OPEN PIT</u> LEVEL <u> </u>	
SUBJECT <u>Ø 6' CULVERT INSTALLATION</u> <u>ON OPEN PIT ROAD @ BAKER CREEK</u>	
SCALE <u>AS SHOWN</u>	DRAWN BY <u>WEL</u>
DATE <u>2 MAY '77</u>	CK'D BY <u> </u>
APPROVED	