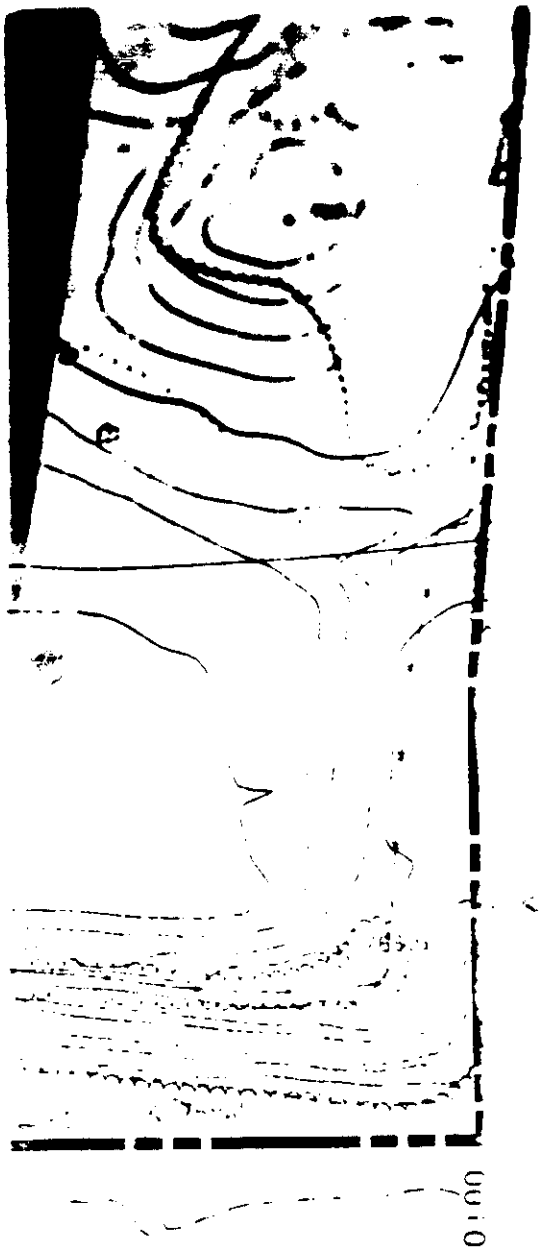

8/9/9

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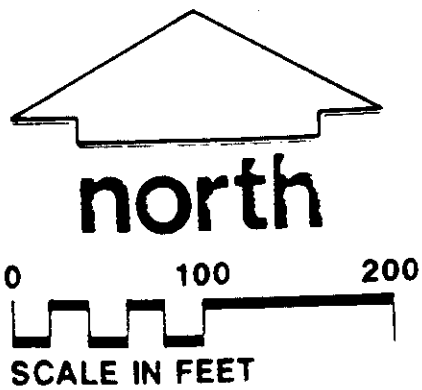
NOTES

1. BASE MAP DEVELOPED FROM DRAWING PROVIDED BY WASTE MANAGEMENT OF ILLINOIS INC., DATED JANUARY 15, 1990.



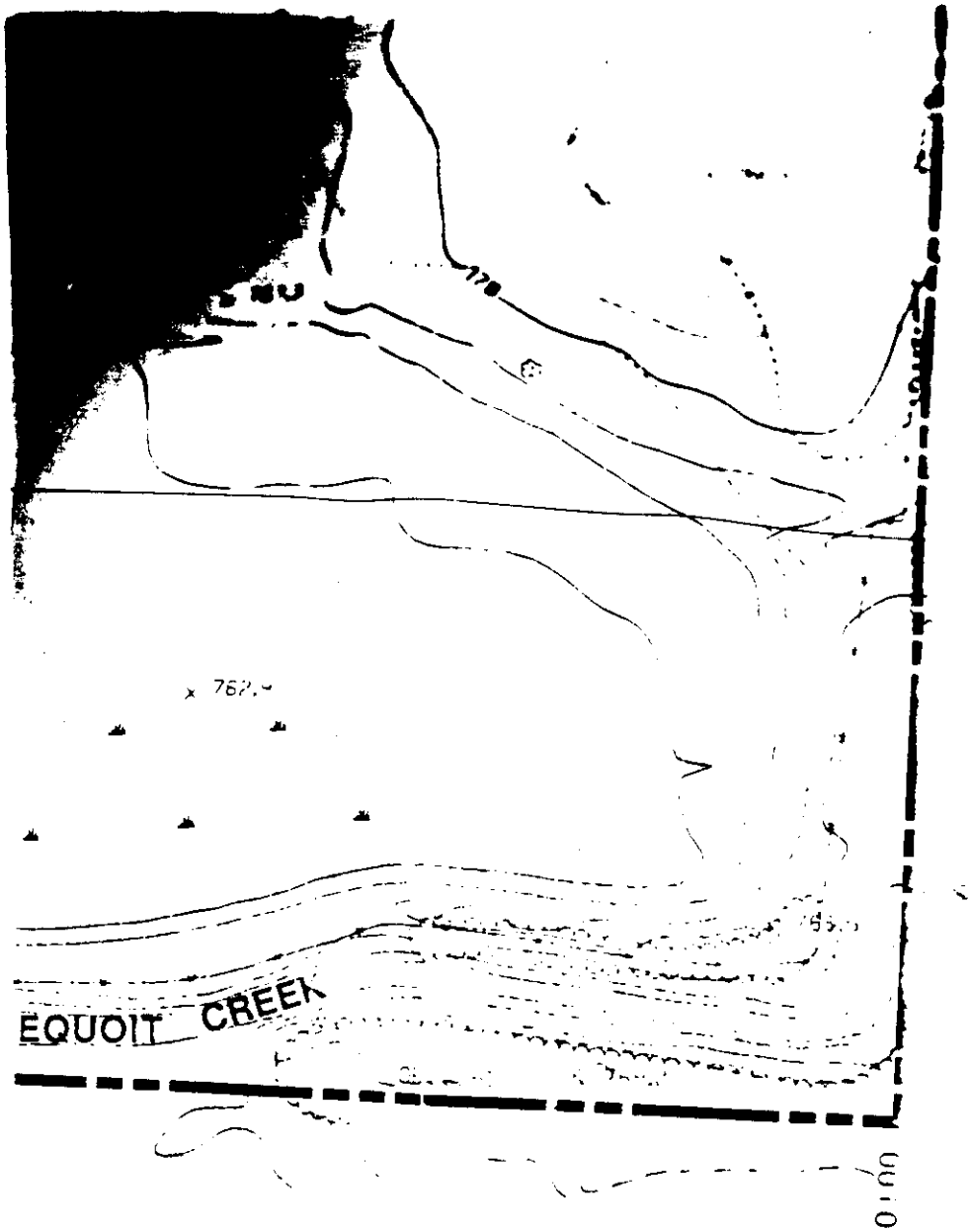
SITE FEATURES MAP

Printed

Sheet N

Project N

60953



NOTES

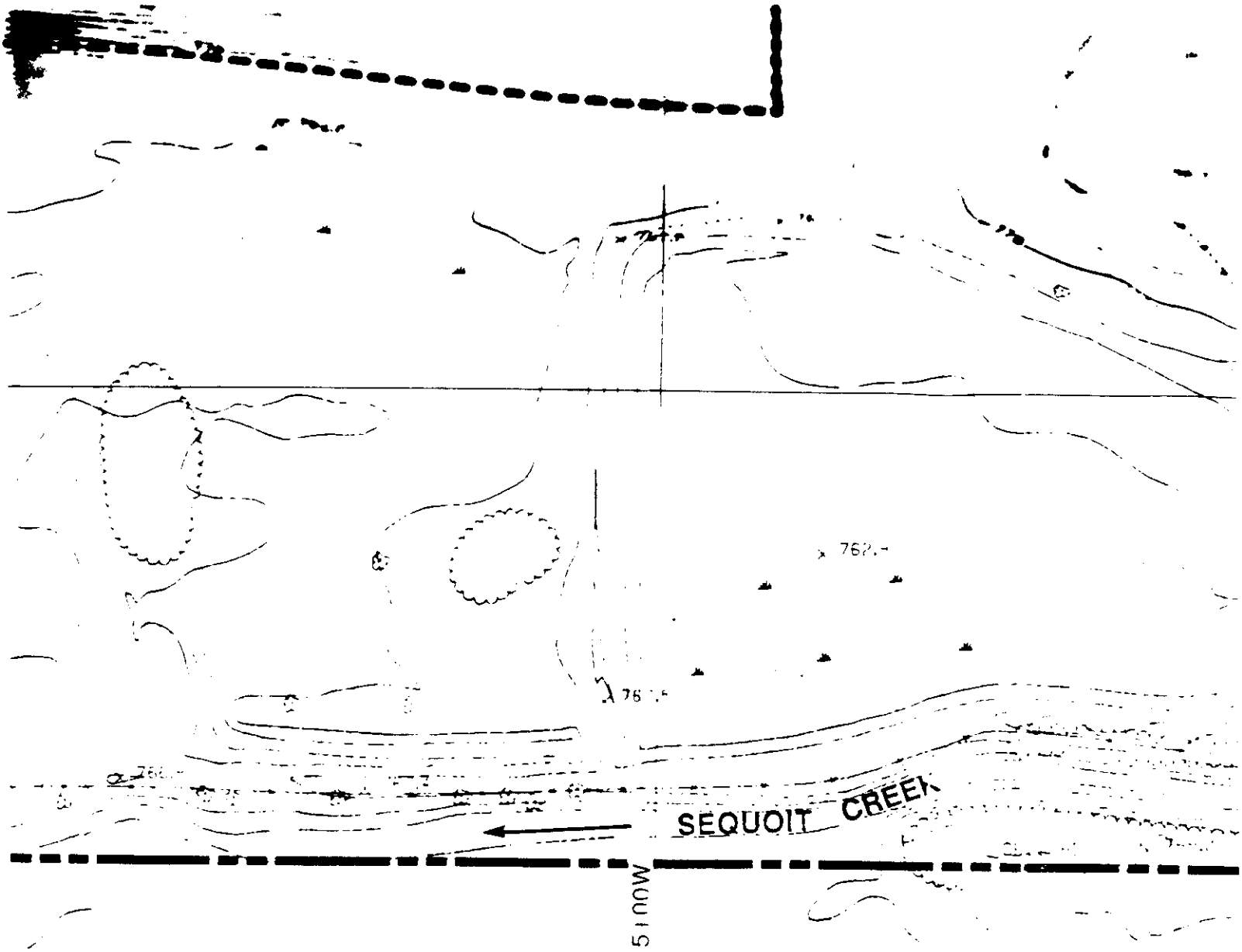
1 BASE MAP DEVELOPED FROM DRAWING FROM WASTE MANAGEMENT OF ILLINOIS INC. DATED JANUARY 15, 1990

north

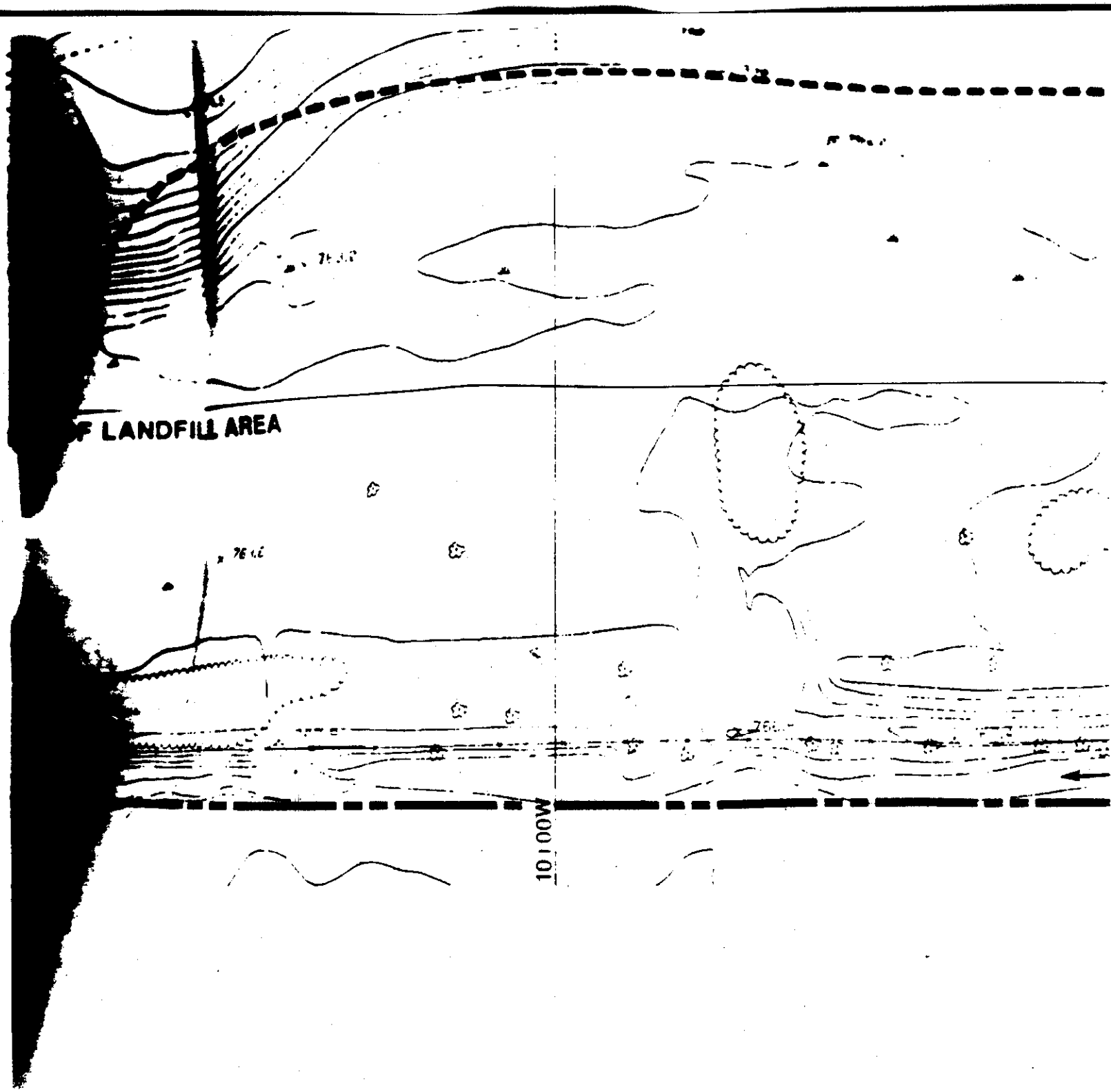
0 100

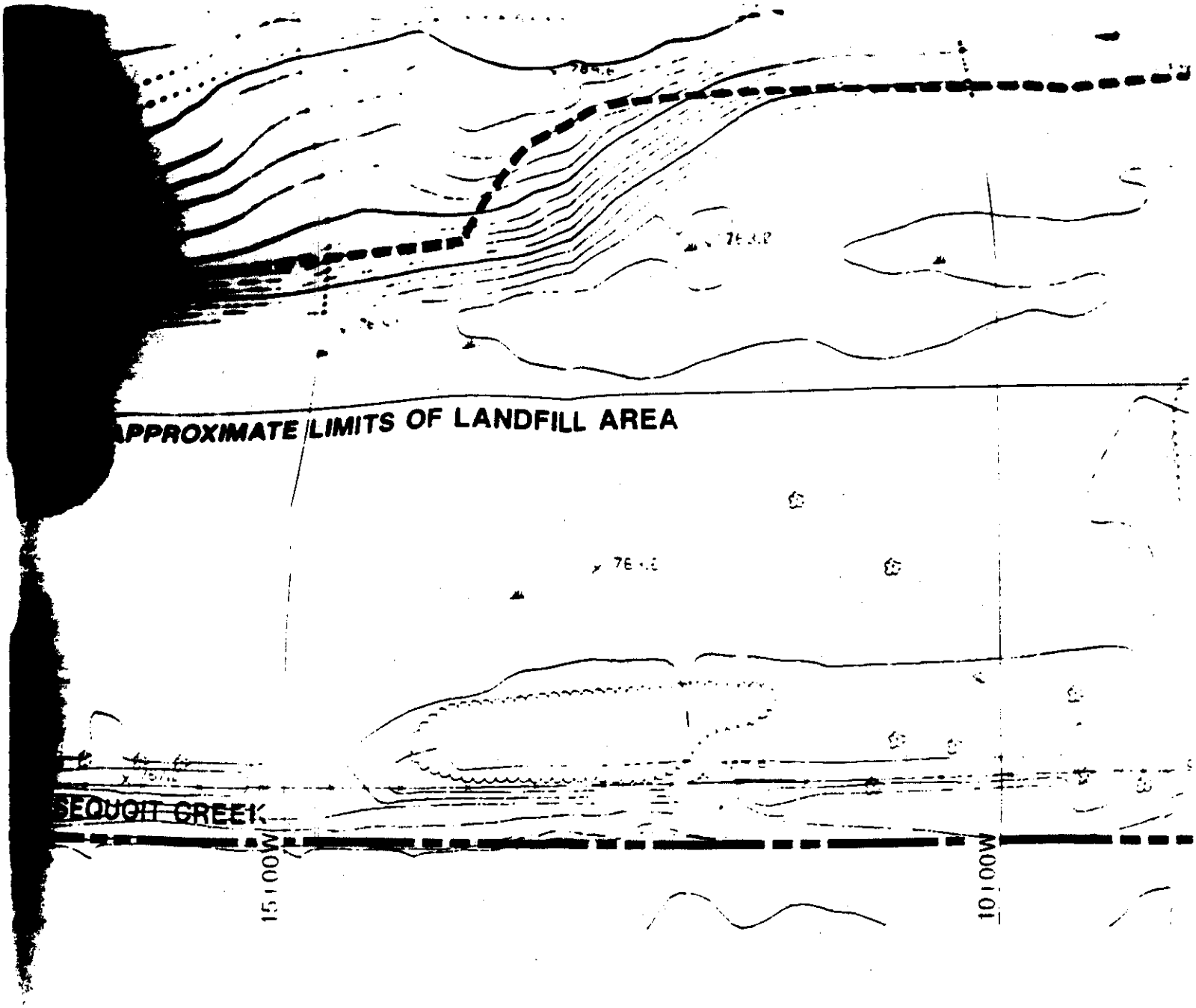
SCALE IN FEET

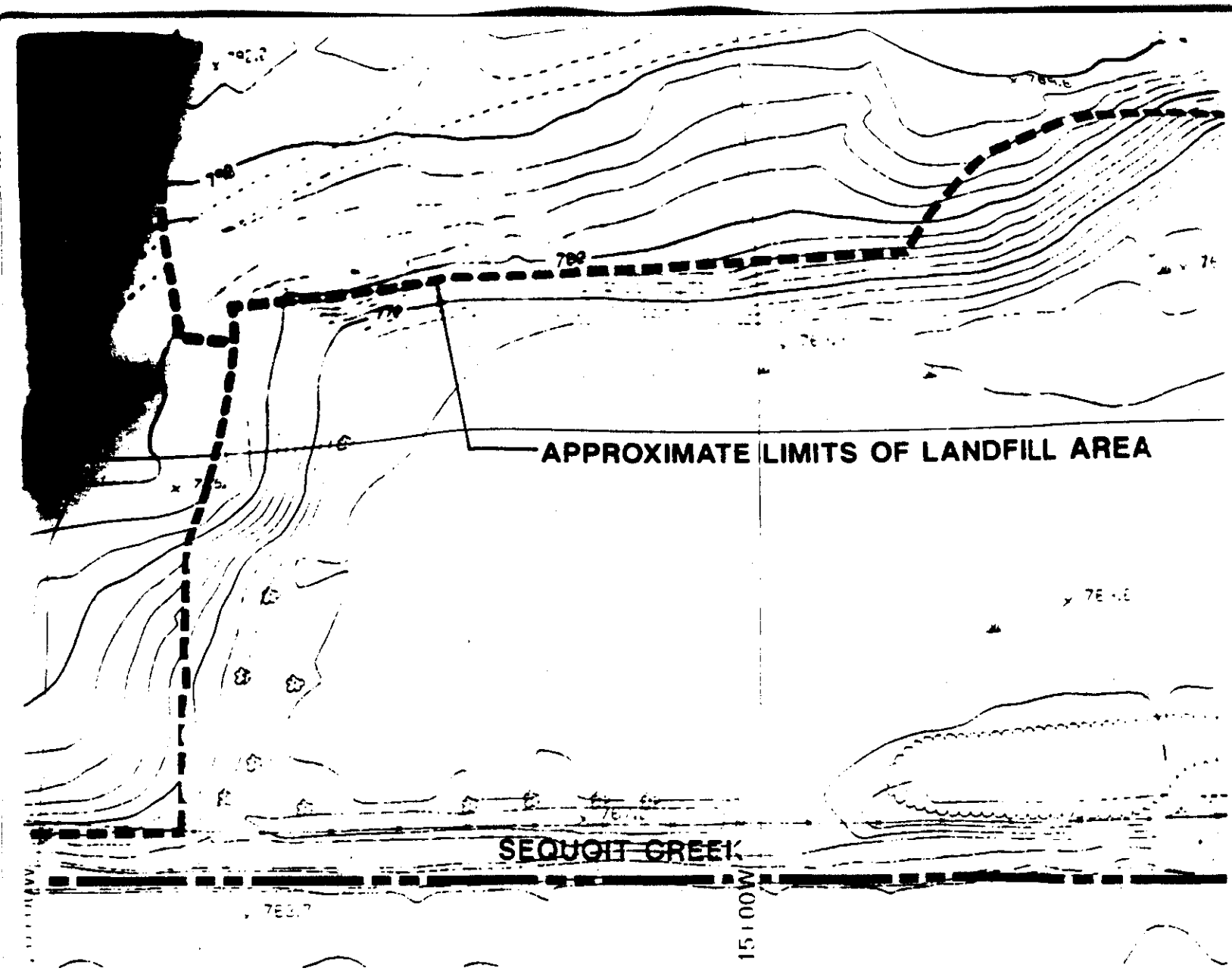
5100W
0100
SEQUOIT CREEK

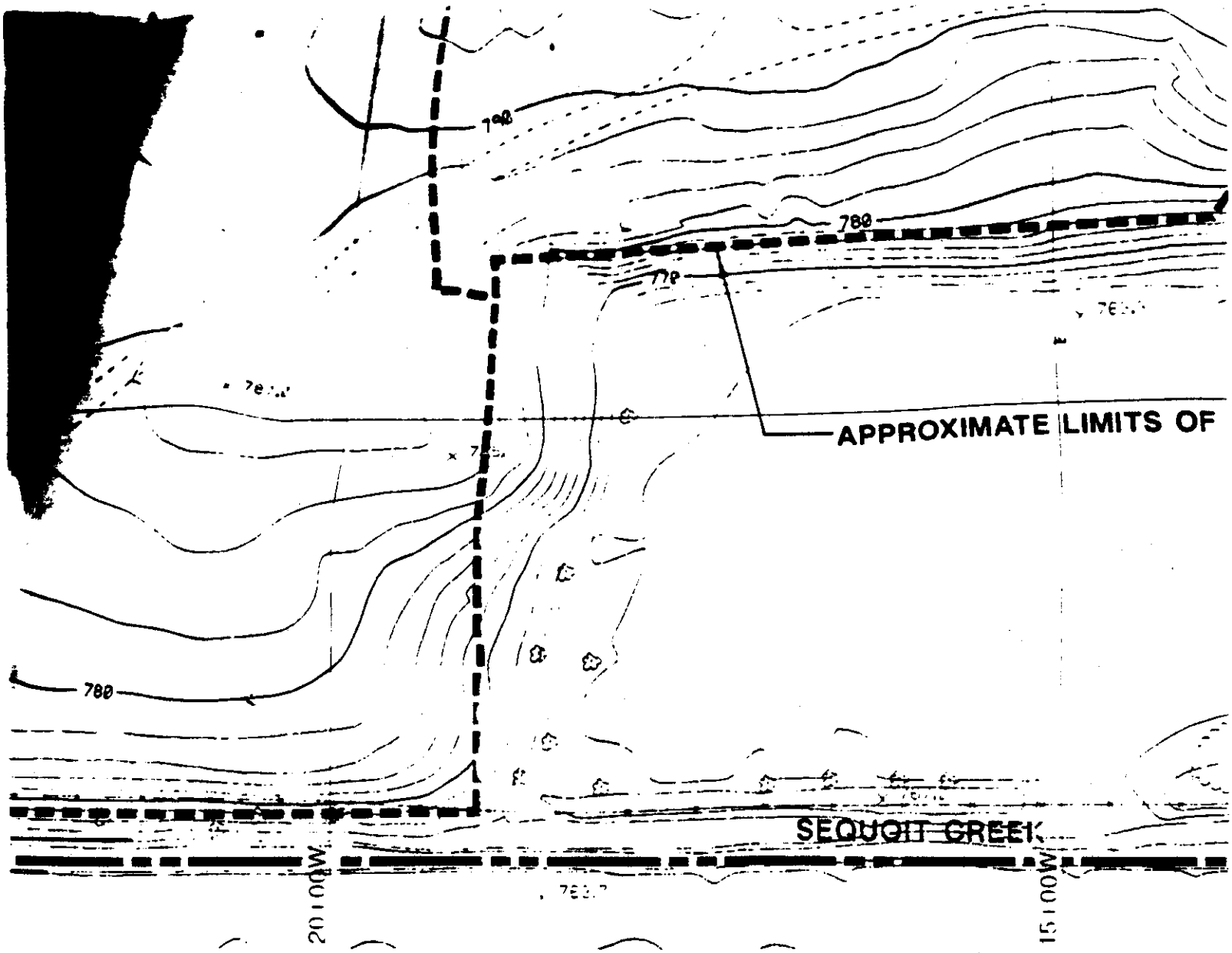

SEQUOIT CREEK
5100W

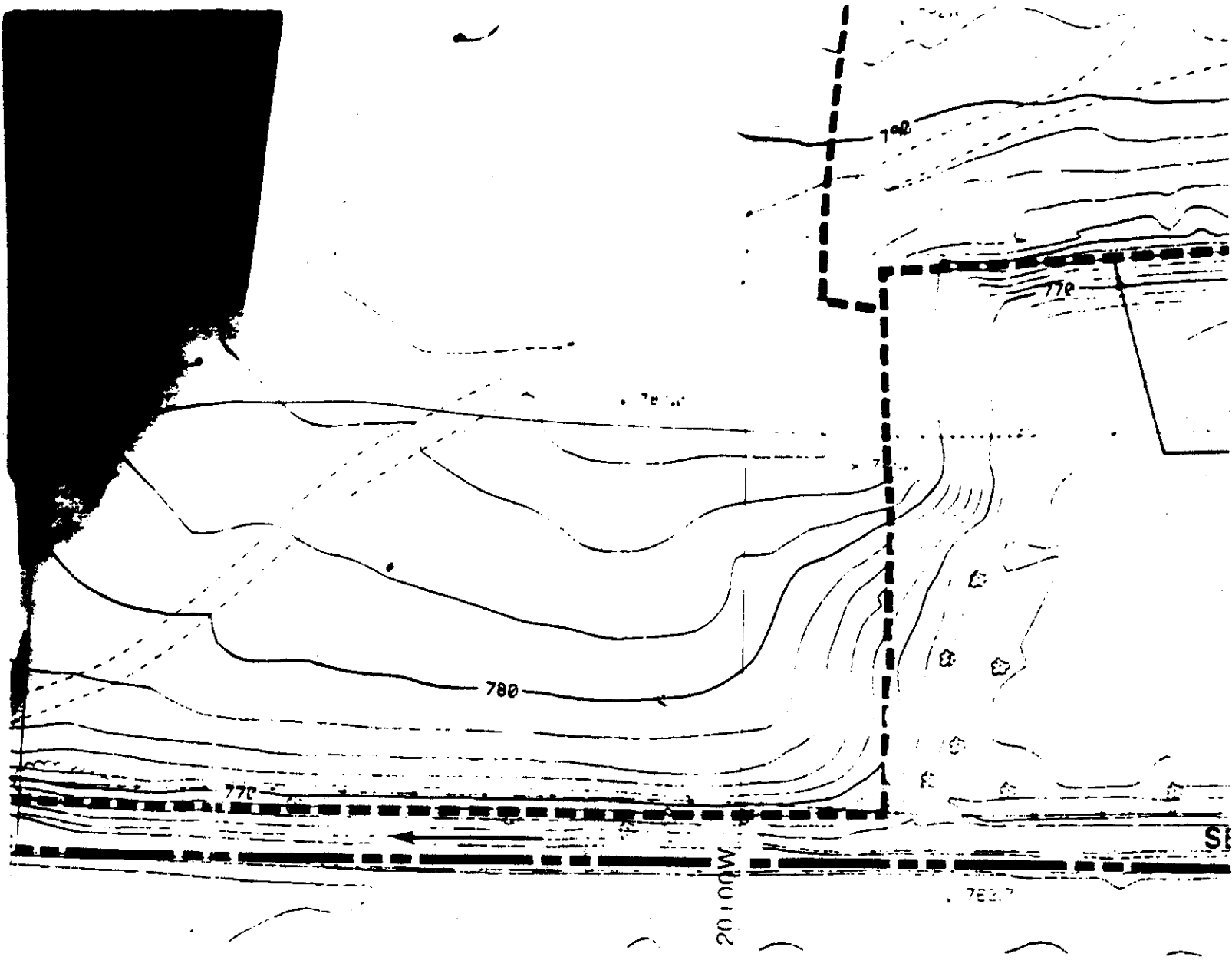
SEQUOIT CR
51 00W
101 00W


F LANDFILL AREA
10100W


APPROXIMATE LIMITS OF LANDFILL AREA
SEQUOIT CREEK
15,100W
10,100W

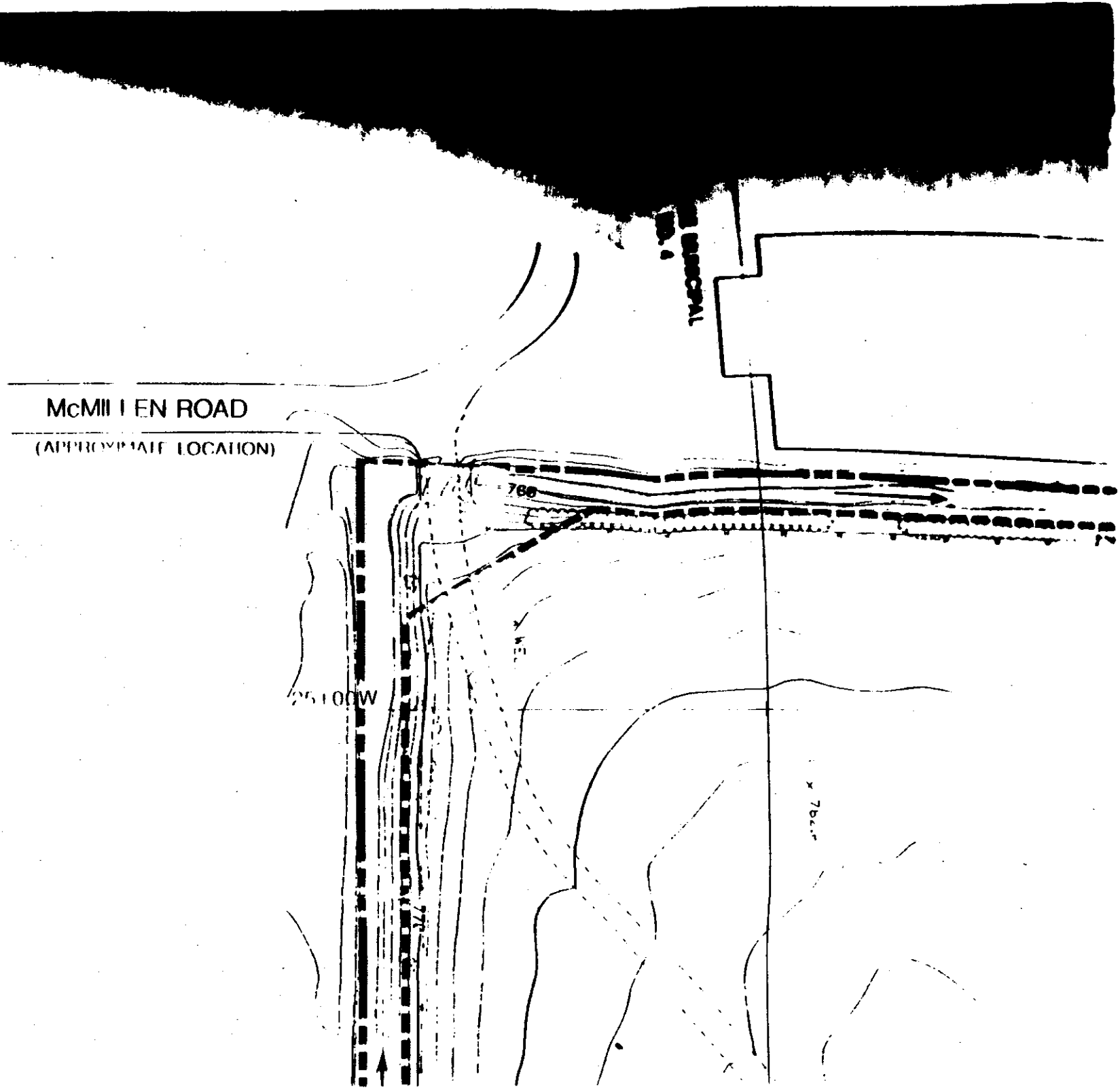

APPROXIMATE LIMITS OF LANDFILL AREA
SEQUOIT CREEK
15+00W


APPROXIMATE LIMITS OF
SEQUOIT CREEK
780
780
780
780
20100W
15100W



780
770
770
20100W

25100W
20100W
780

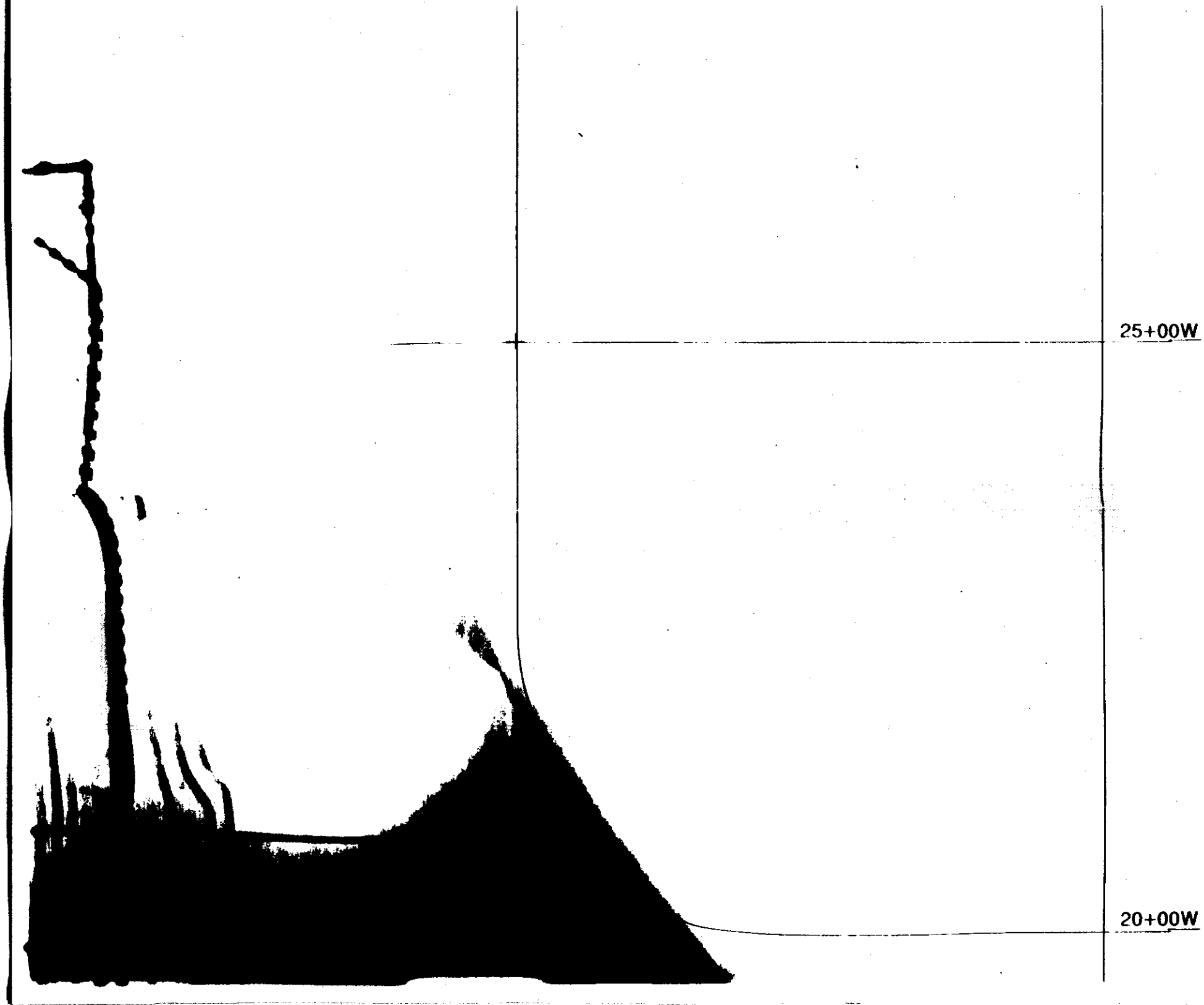

McMILLEN ROAD
(APPROXIMATE LOCATION)
25100W
780
770

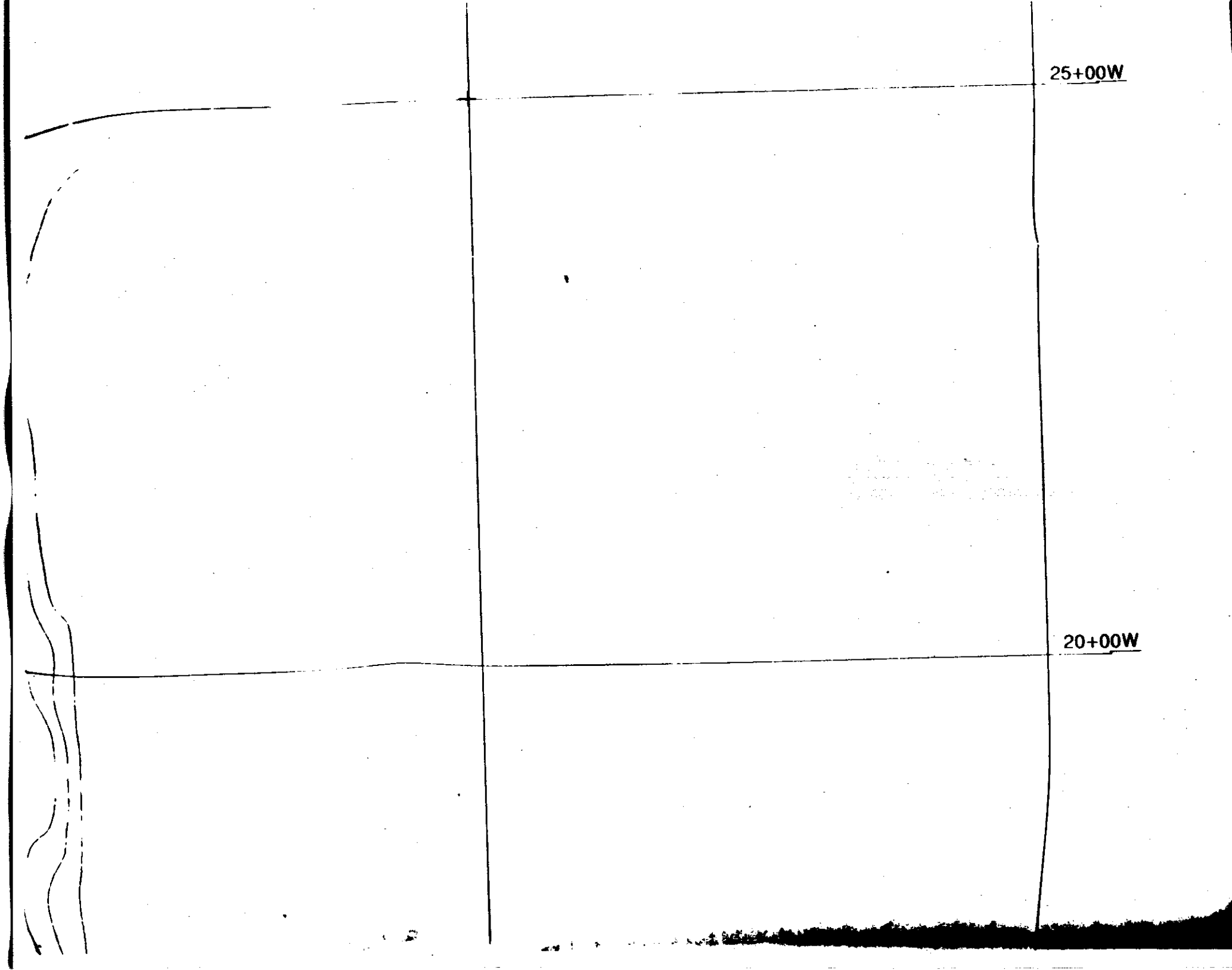
MASTER BLUE PRINT INC. 70172
Audit
Overlay
Screen

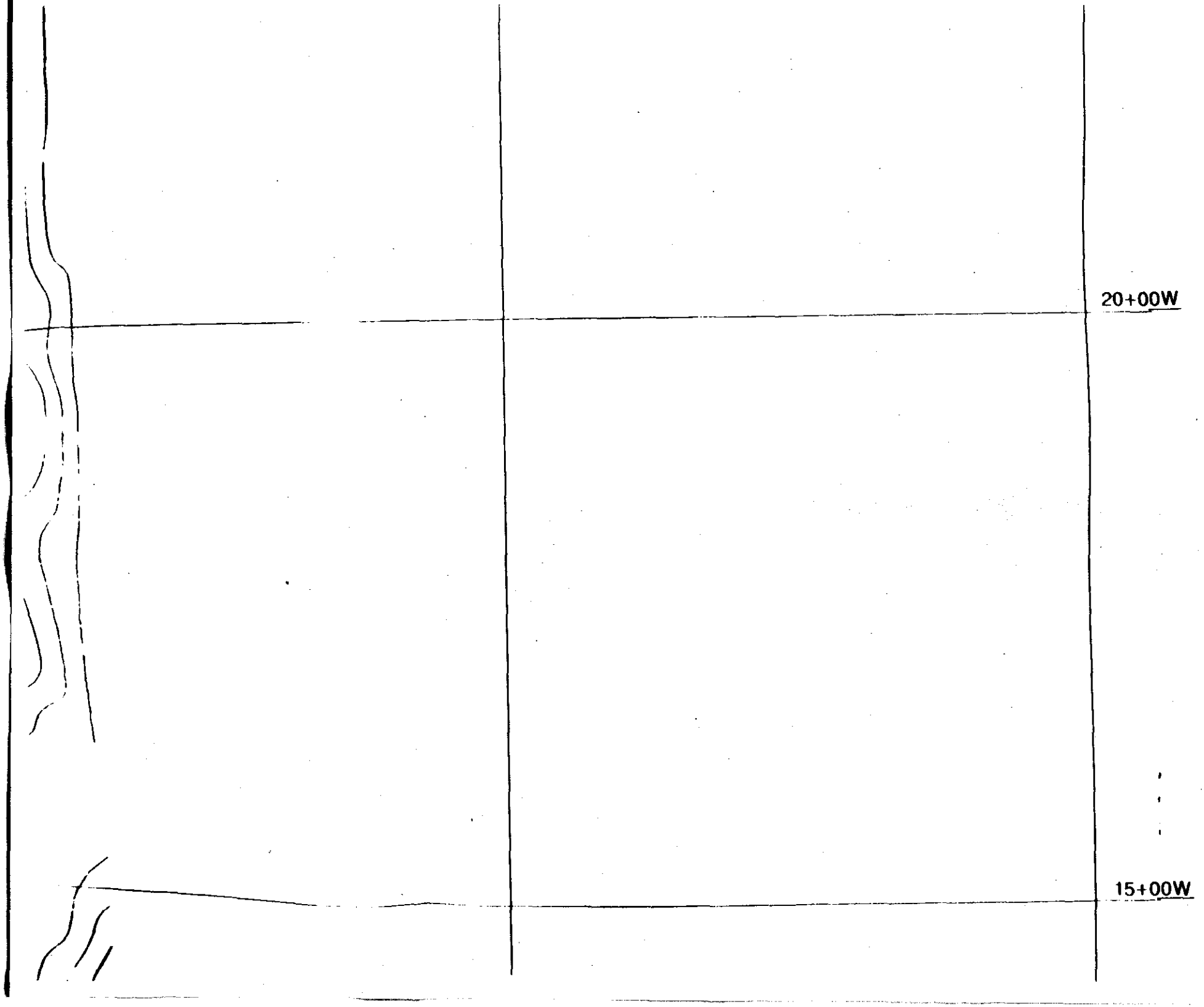
5+00N
10+00N
25+00W
30+00W

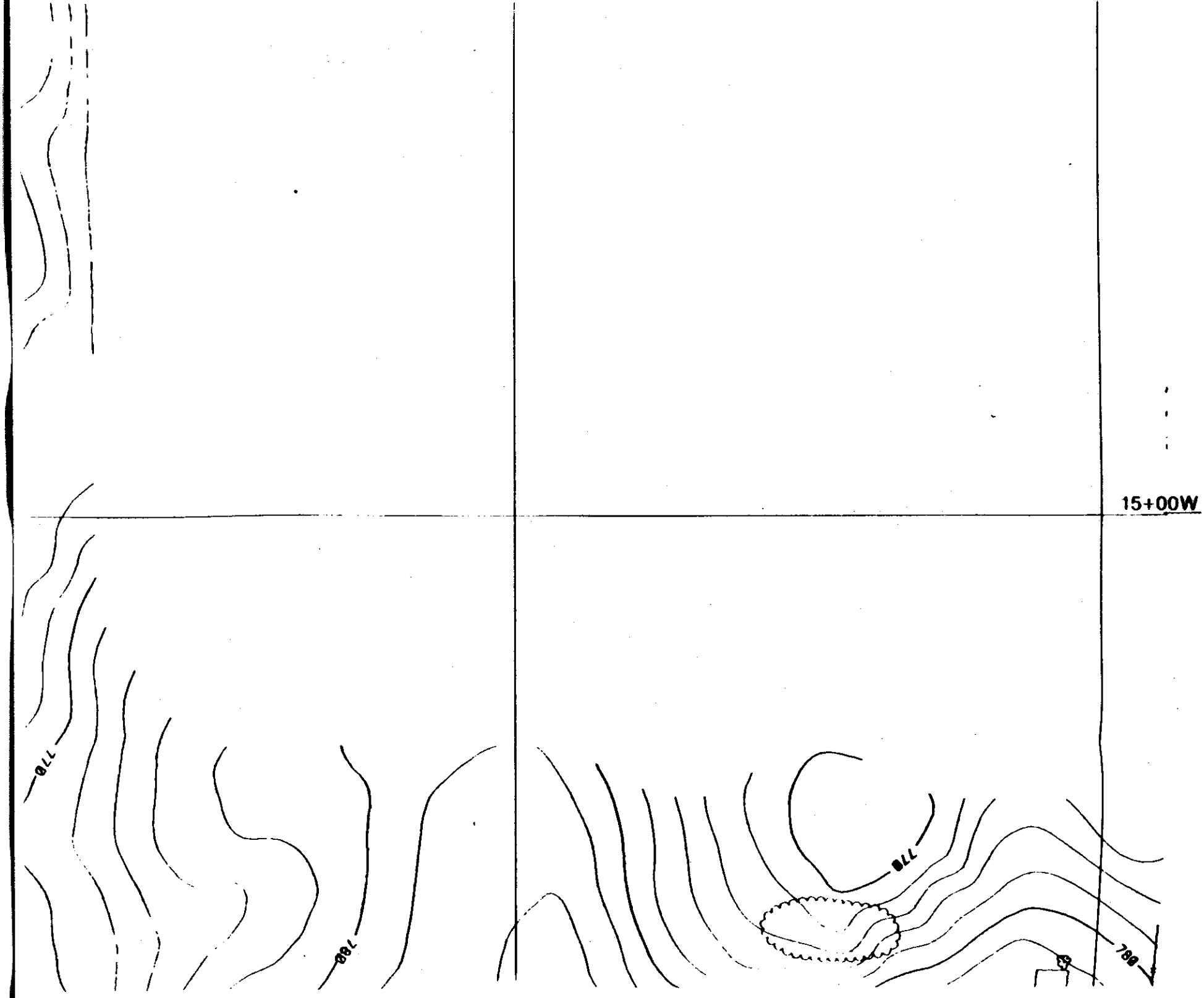
30+00W

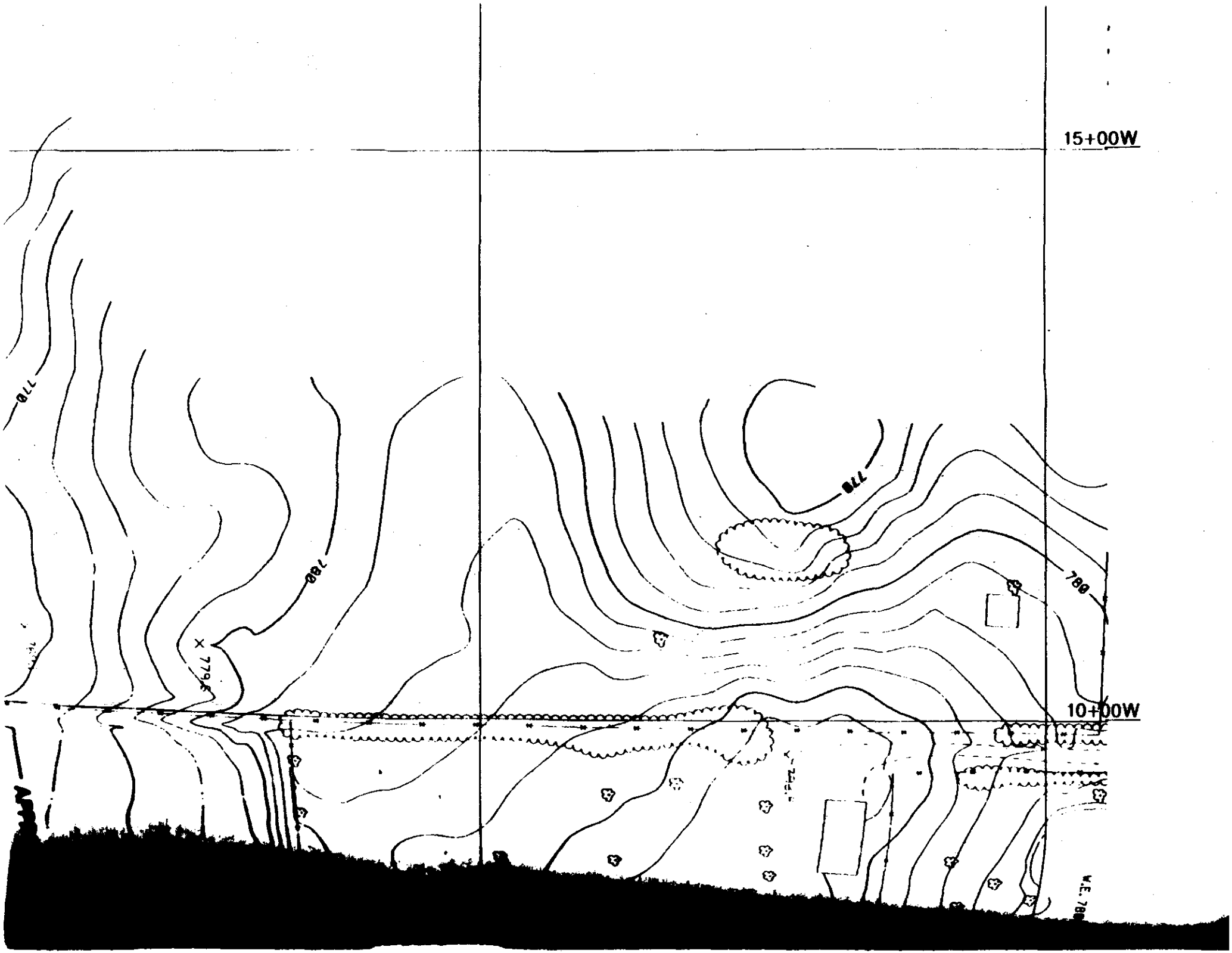
25+00W

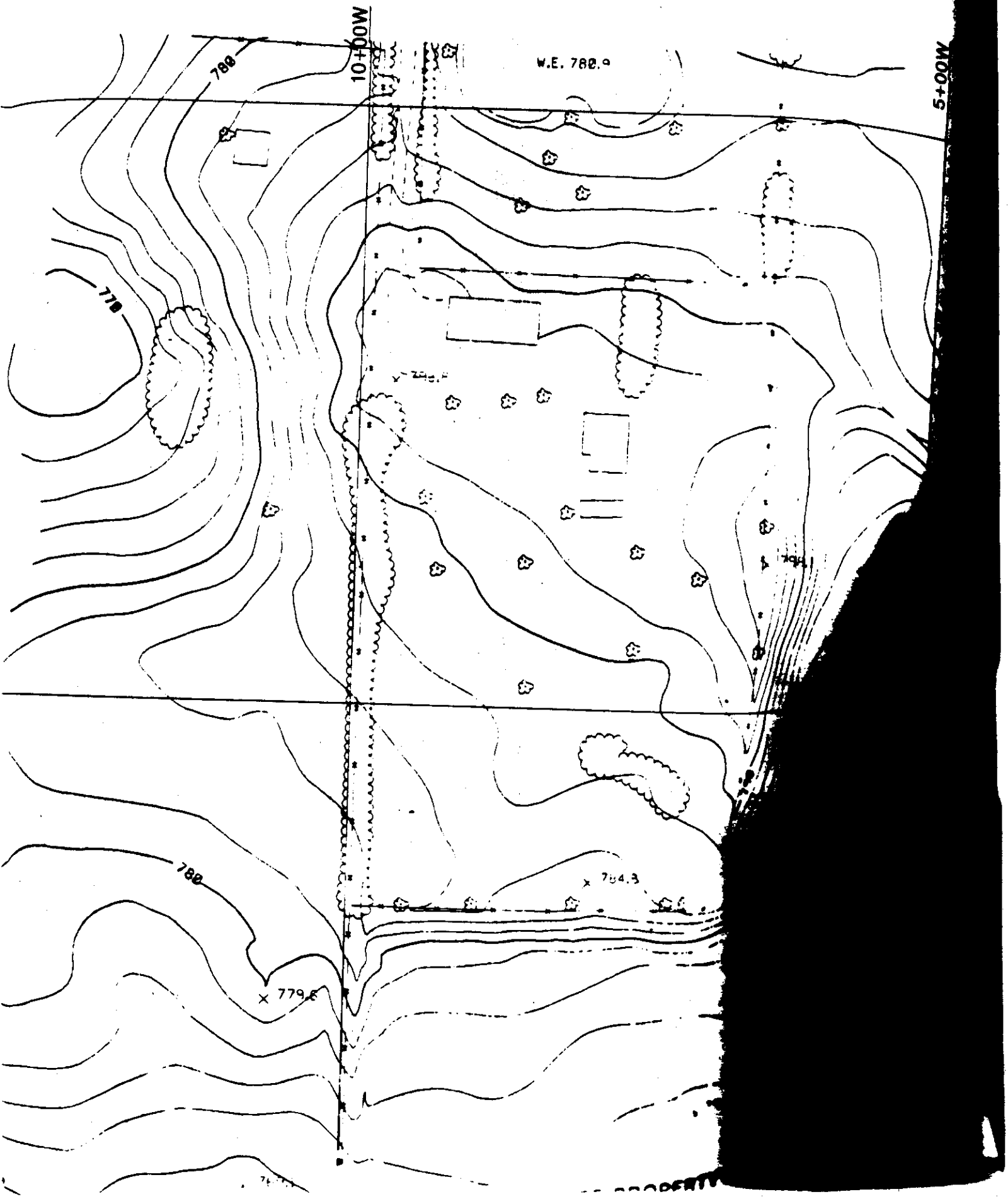

25+00W
20+00W


25+00W
20+00W


20+00W
15+00W

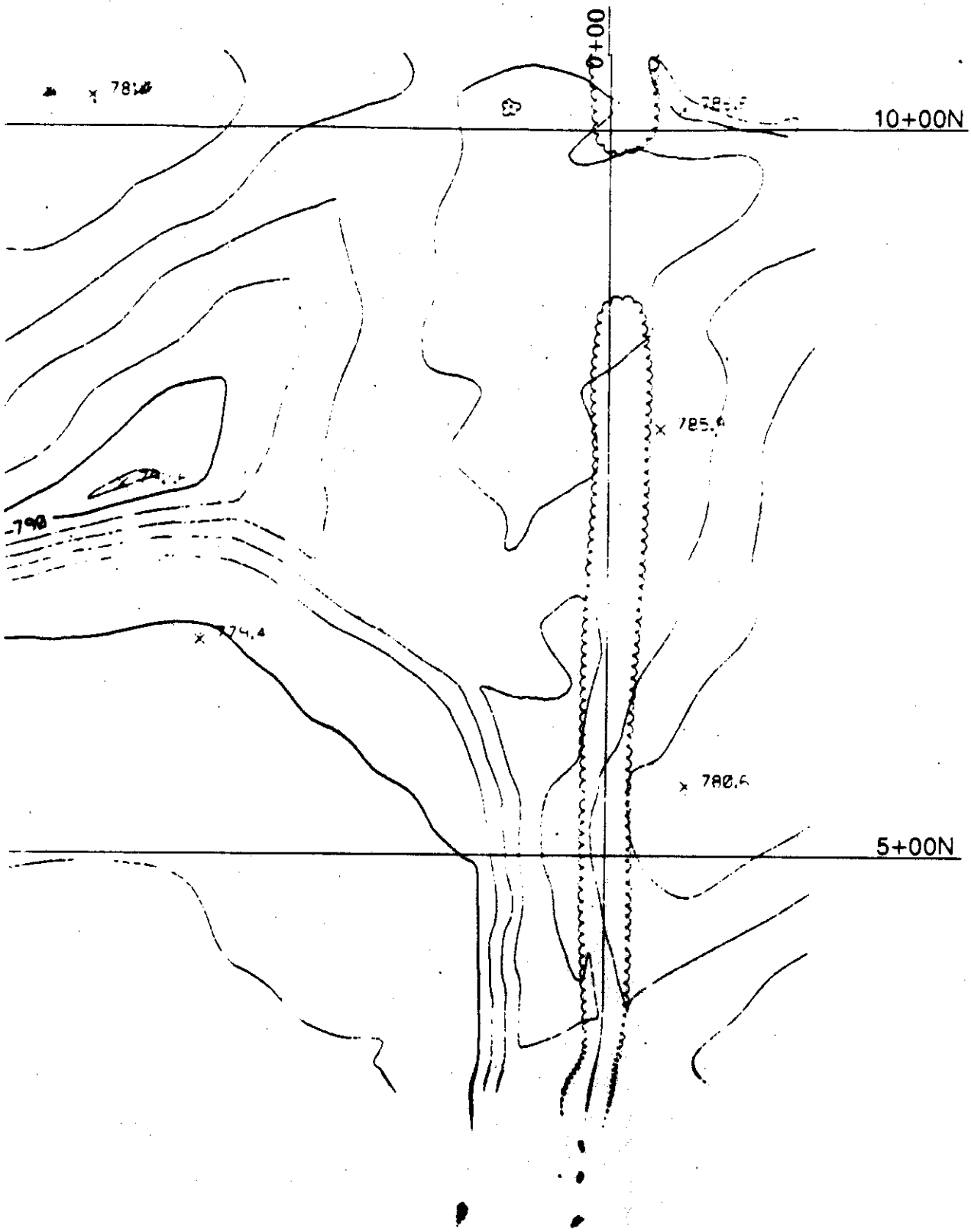

15+00W
770
770
770
780

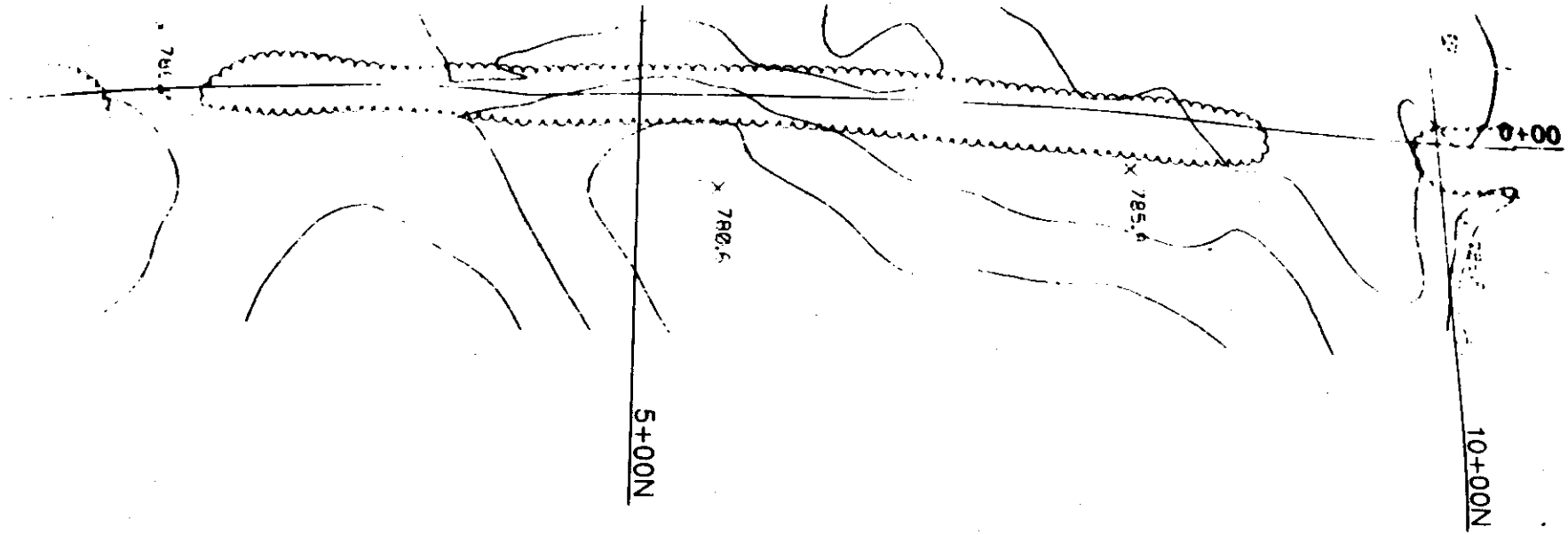

15+00W
10+00W
770
780
779
W.E. 780


10+00W
5+00W
W.E. 780.0
780
770
780
779.6
784.3

10+00W
5+00W
W.E. 780.9
764.8
APPROXIMATE PROPERTY

5+00W
790
780
790
780
0+00


0+00
10+00N
5+00N
785.6
780.6
790



WARZYN

WARZYN ENGINEERING INC.

Designed By:

Drawn By: JC

Checked By:

Approved By:

Date:

Reference:

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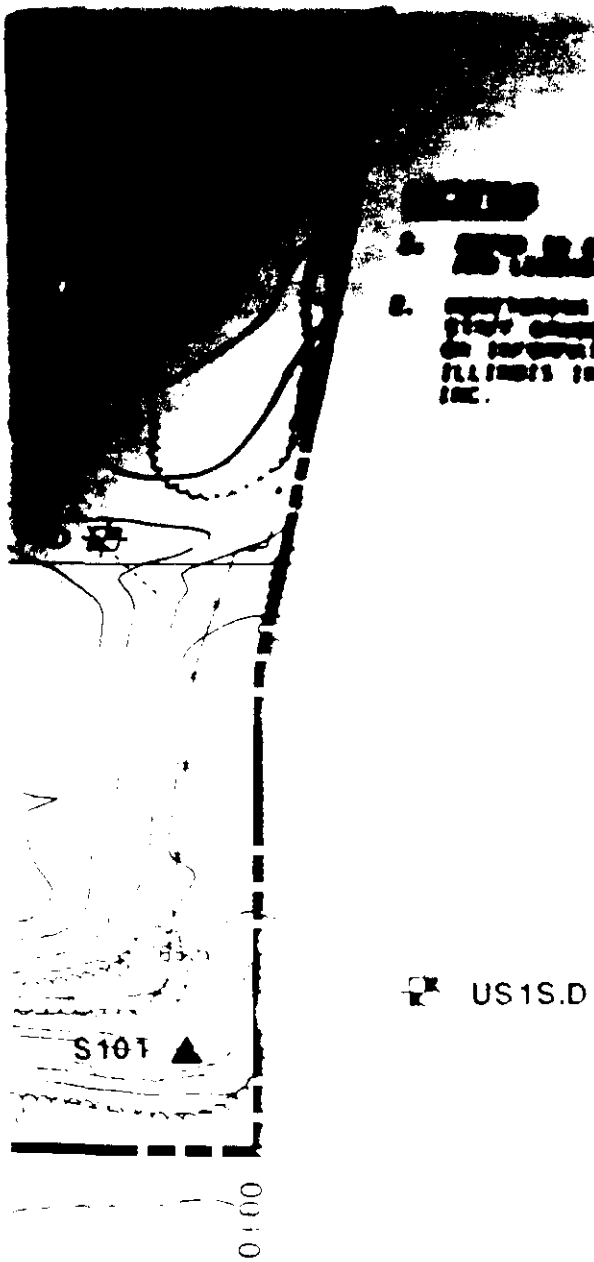


US1S.D

north

0 100 200

SCALE IN FEET

GROUNDWATER AND SURFACE WATER MONITORING LOCATION MAP

PRELIMINARY SITE EVALUATION REPORT

H.O.D. LANDFILL RI/FS

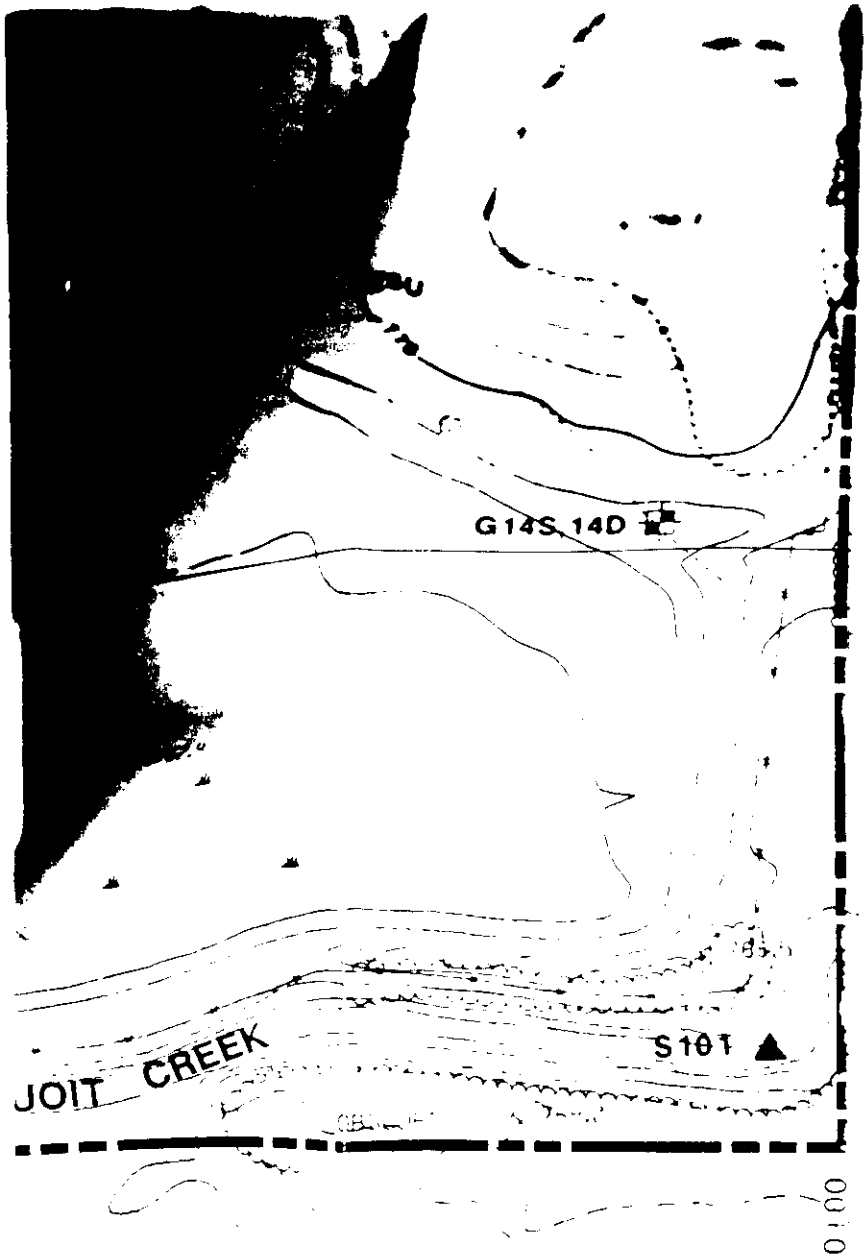
Printed

Sheet Number 2 OF

Project Number 60953

F

WARZY



NOTES

1. [illegible]

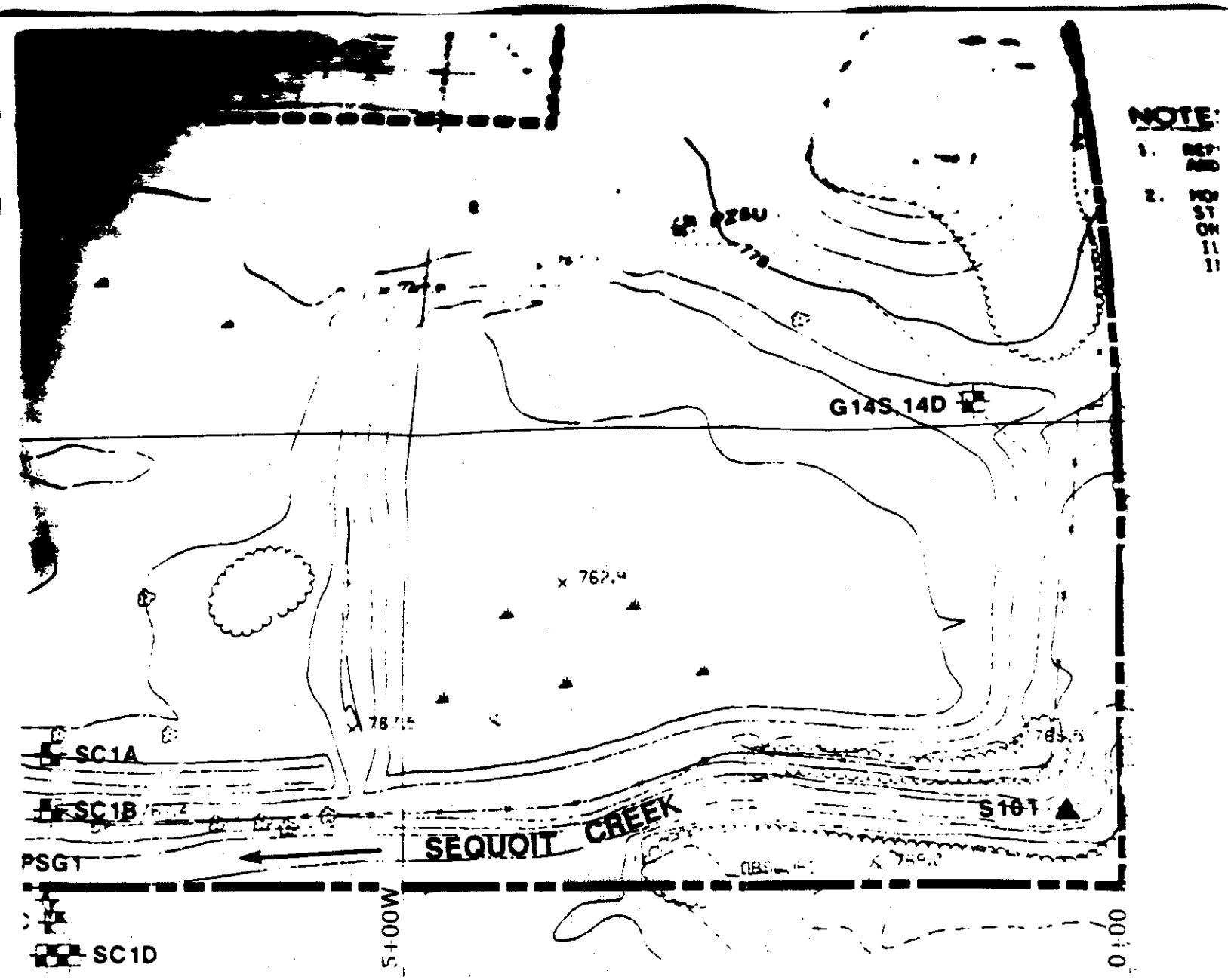
2. MONITORING WELL, SURFACE WATER MONITORING AND STAFF GAUGE LOCATIONS WERE LOCATED BAS[illegible] ON INFORMATION PROVIDED BY WASTE MANAGEMENT ILLINOIS INC. AND P.E. LAMORIAUX AND ASSOC[illegible] INC.

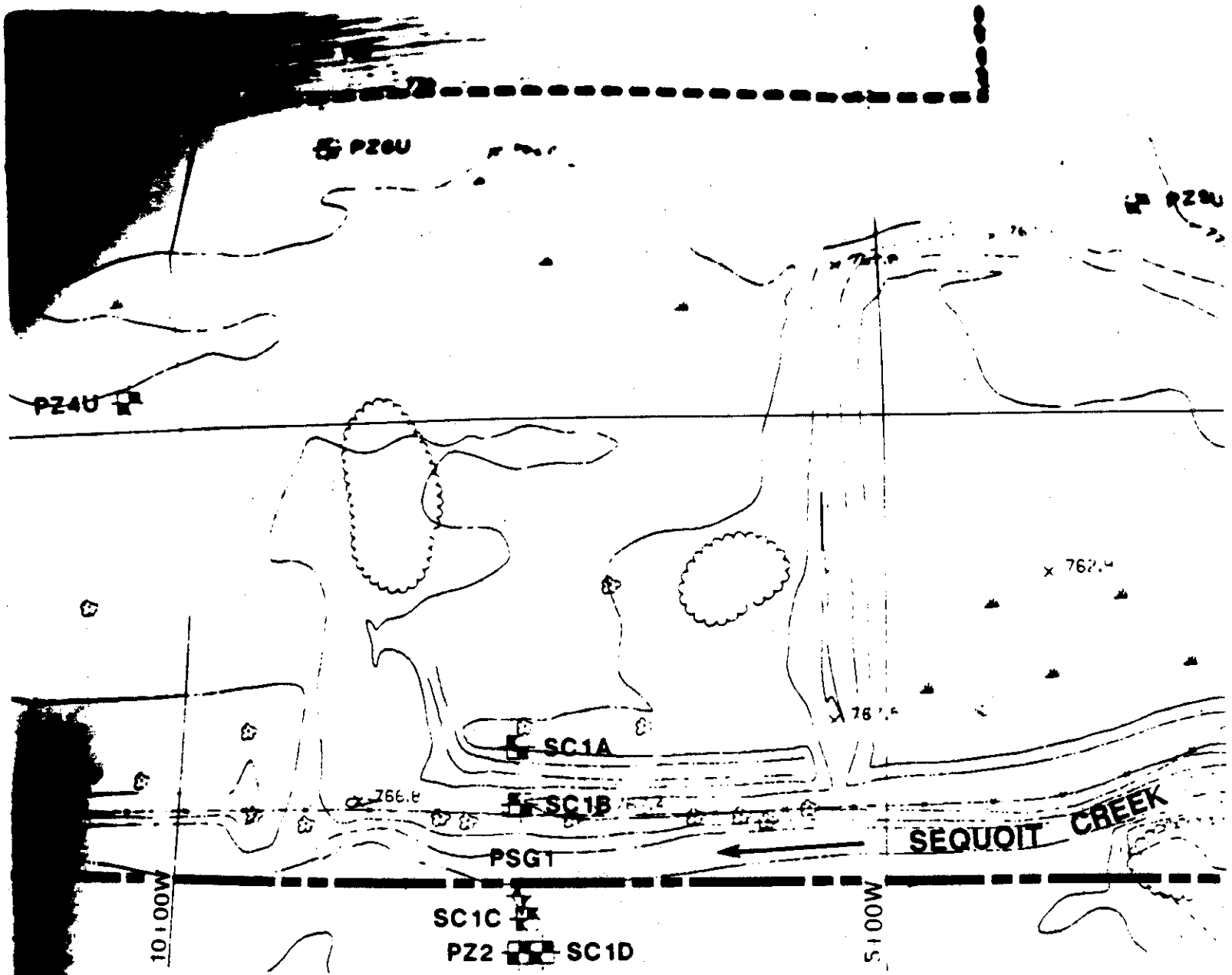
US1S,D

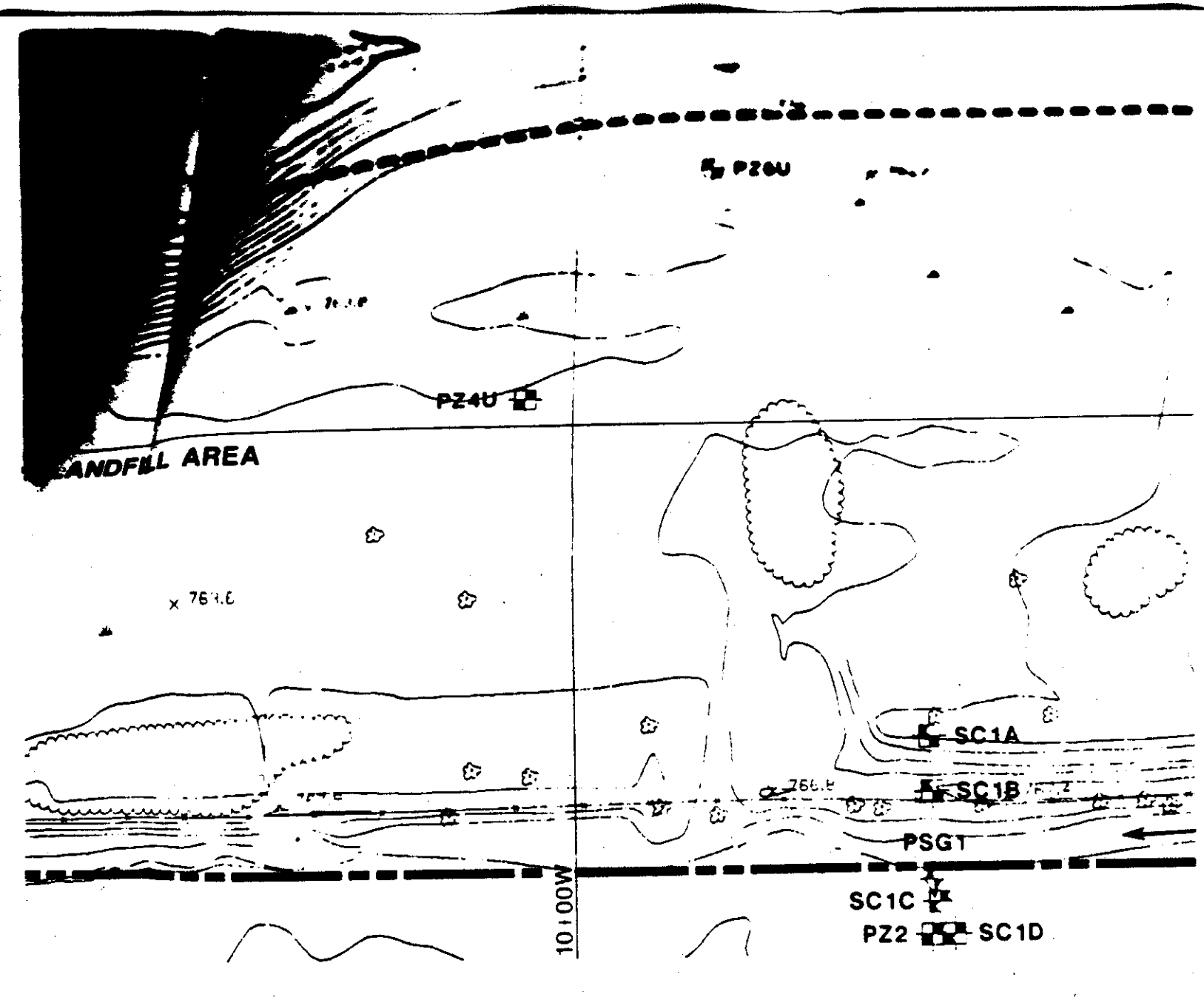
north

0 100

SCALE IN FEET


NOTE:
G14S 14D
SC1A
SC1B
PSG1
SC1D
SEQUOIT CREEK
S101
5+00W
0+00


PZ6U
PZ6U
PZ4U
SC1A
SC1B
PSG1
SEQUOIT CREEK
SC1C
PZ2
SC1D
10+00W
5+00W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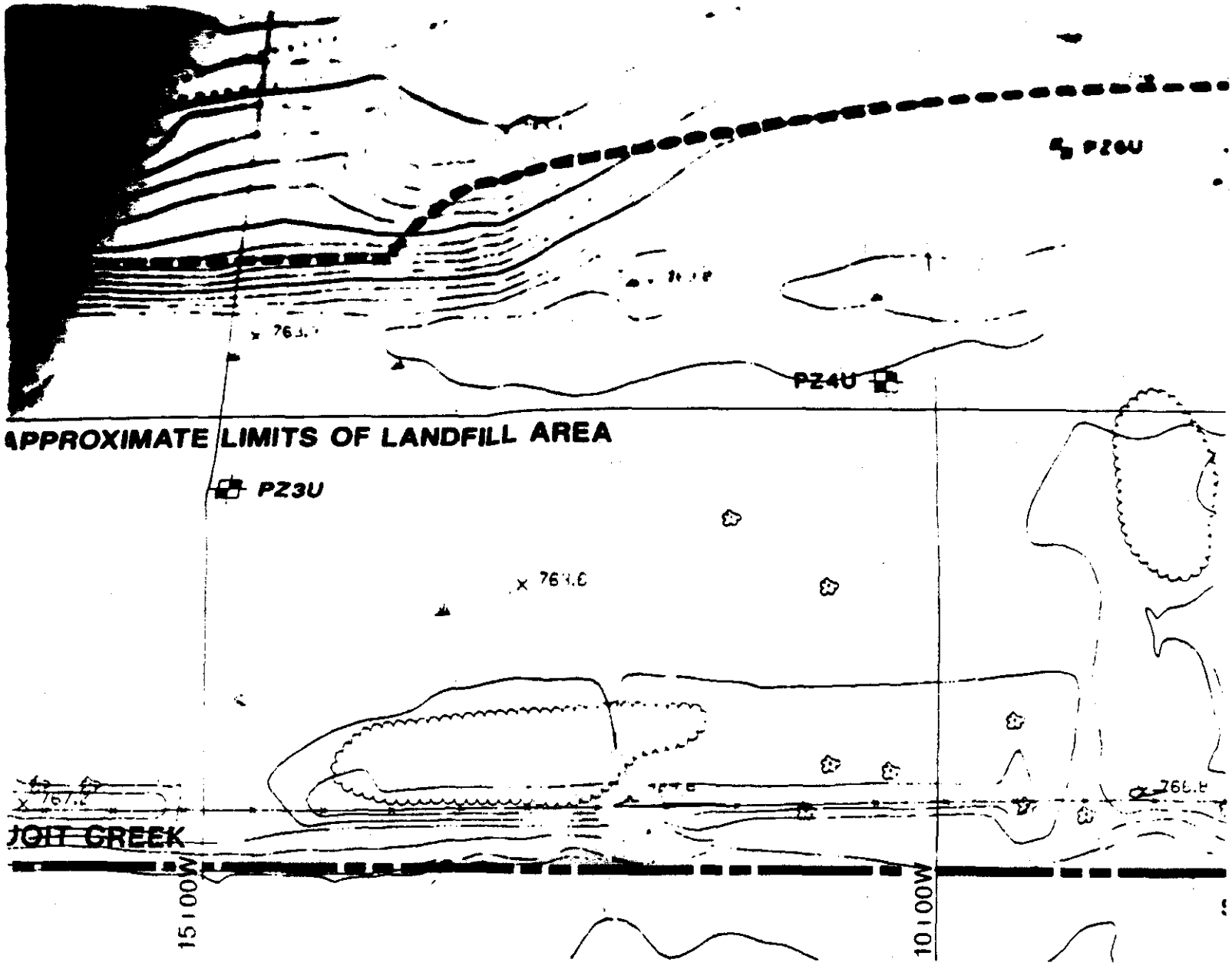
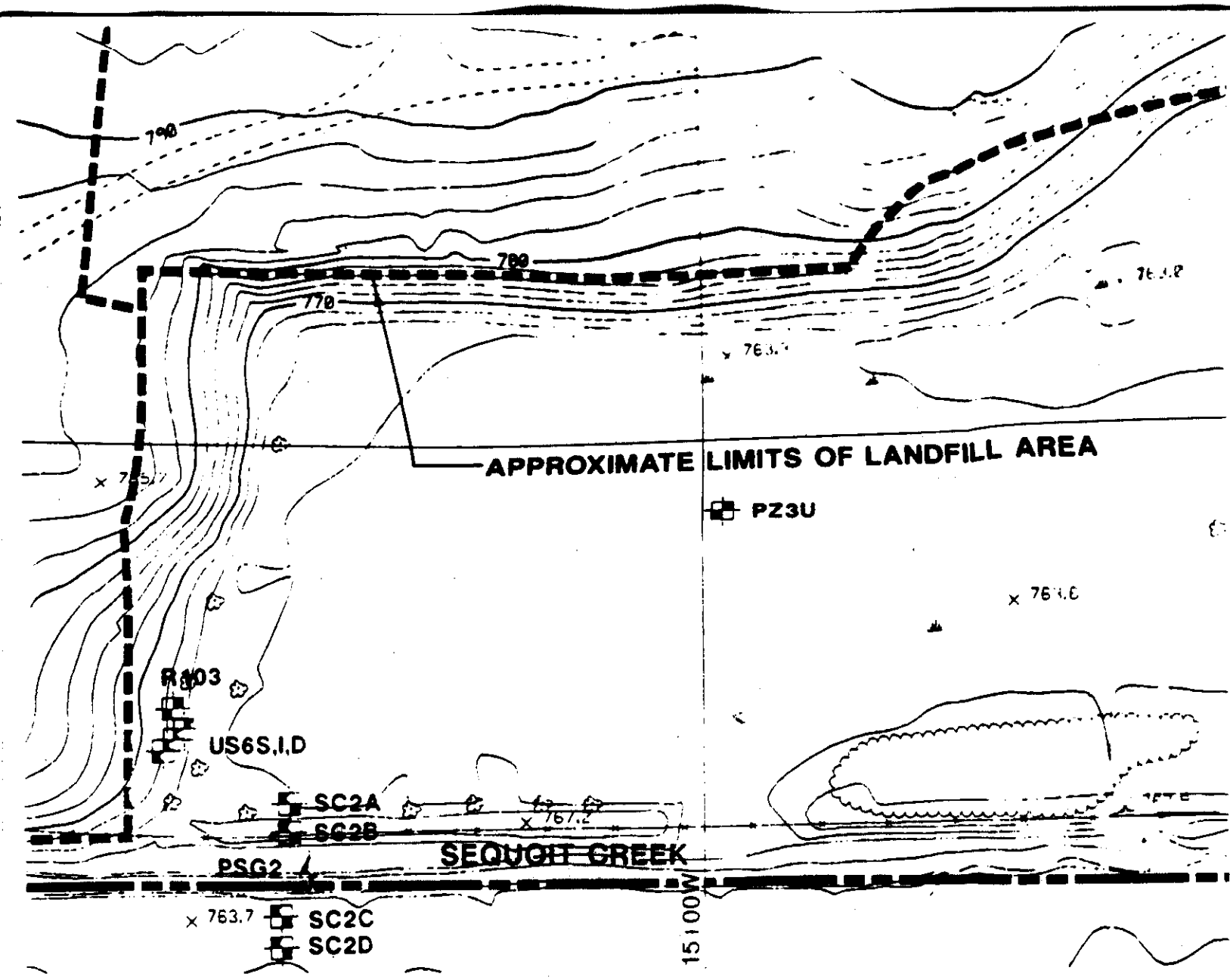
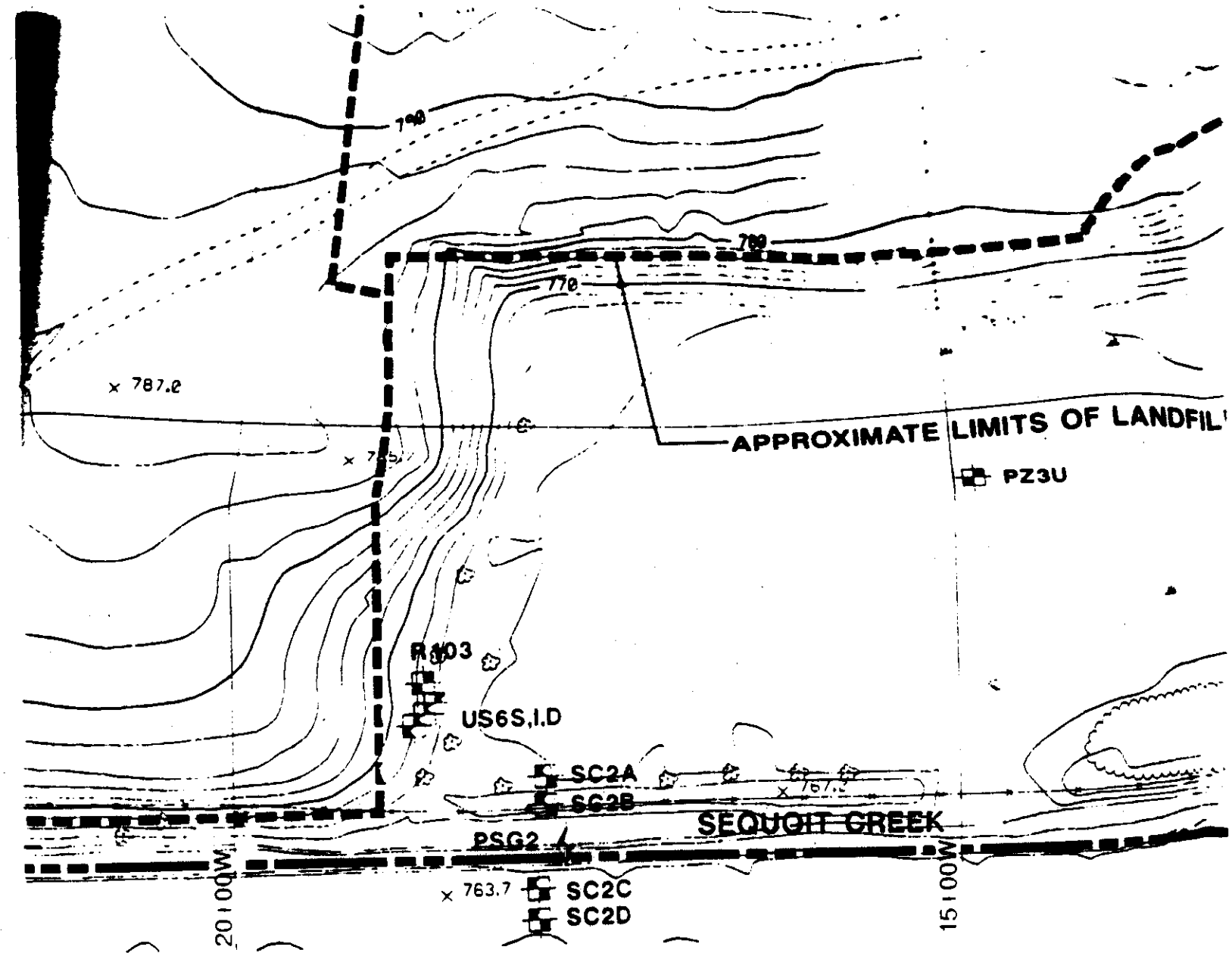
PZ4U
ANDFILL AREA
SC1A
SC1B
PSGT
SC1C
PZ2
SC1D
10:00W

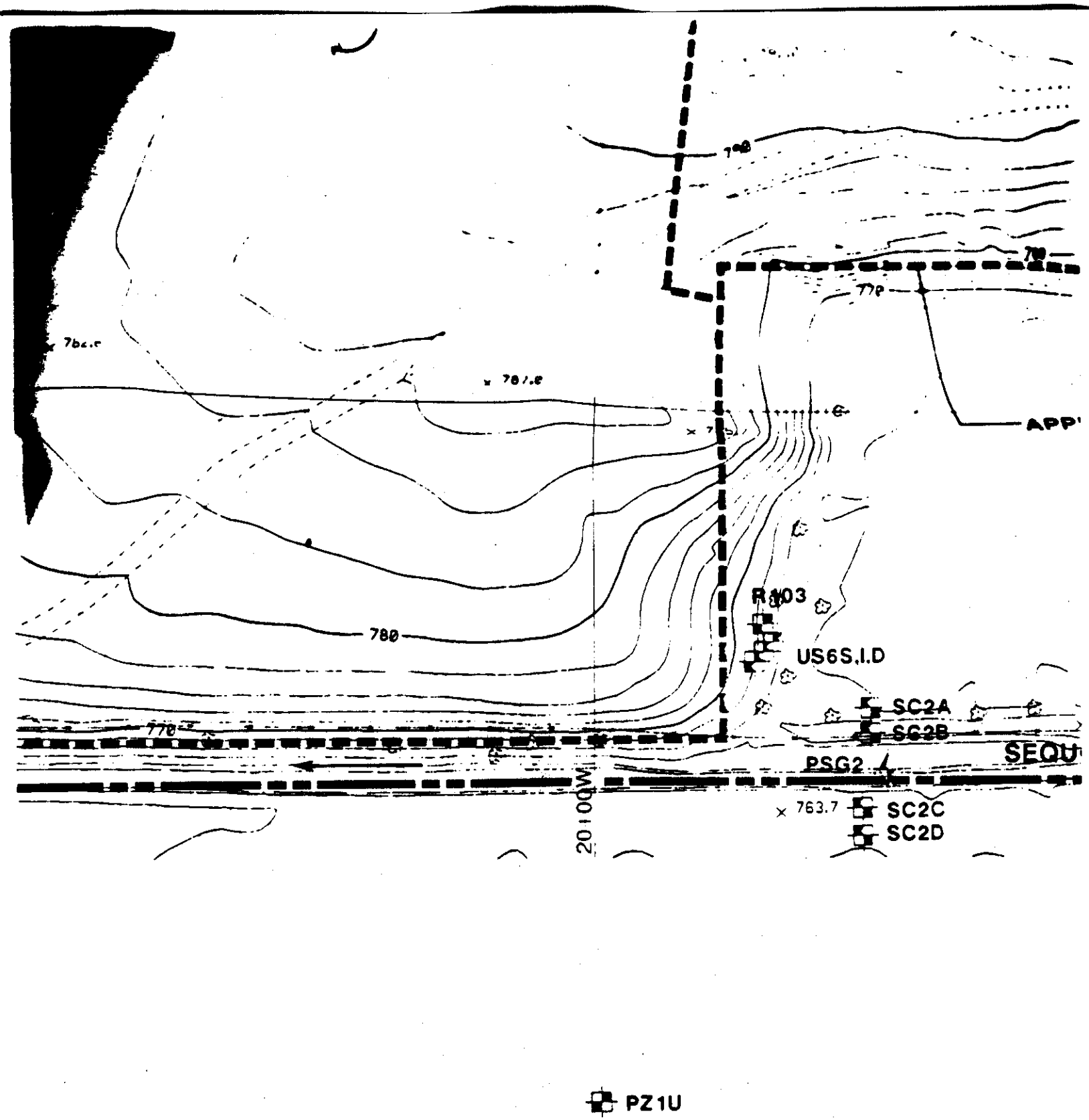

PZ6U
PZ4U
APPROXIMATE LIMITS OF LANDFILL AREA
PZ3U
JOIT CREEK
15+00W
10+00W


790
780
770
APPROXIMATE LIMITS OF LANDFILL AREA
PZ3U
R103
US6S,I,D
SC2A
SC2B
SEQUOIT CREEK
PSG2
763.7
SC2C
SC2D
15100W

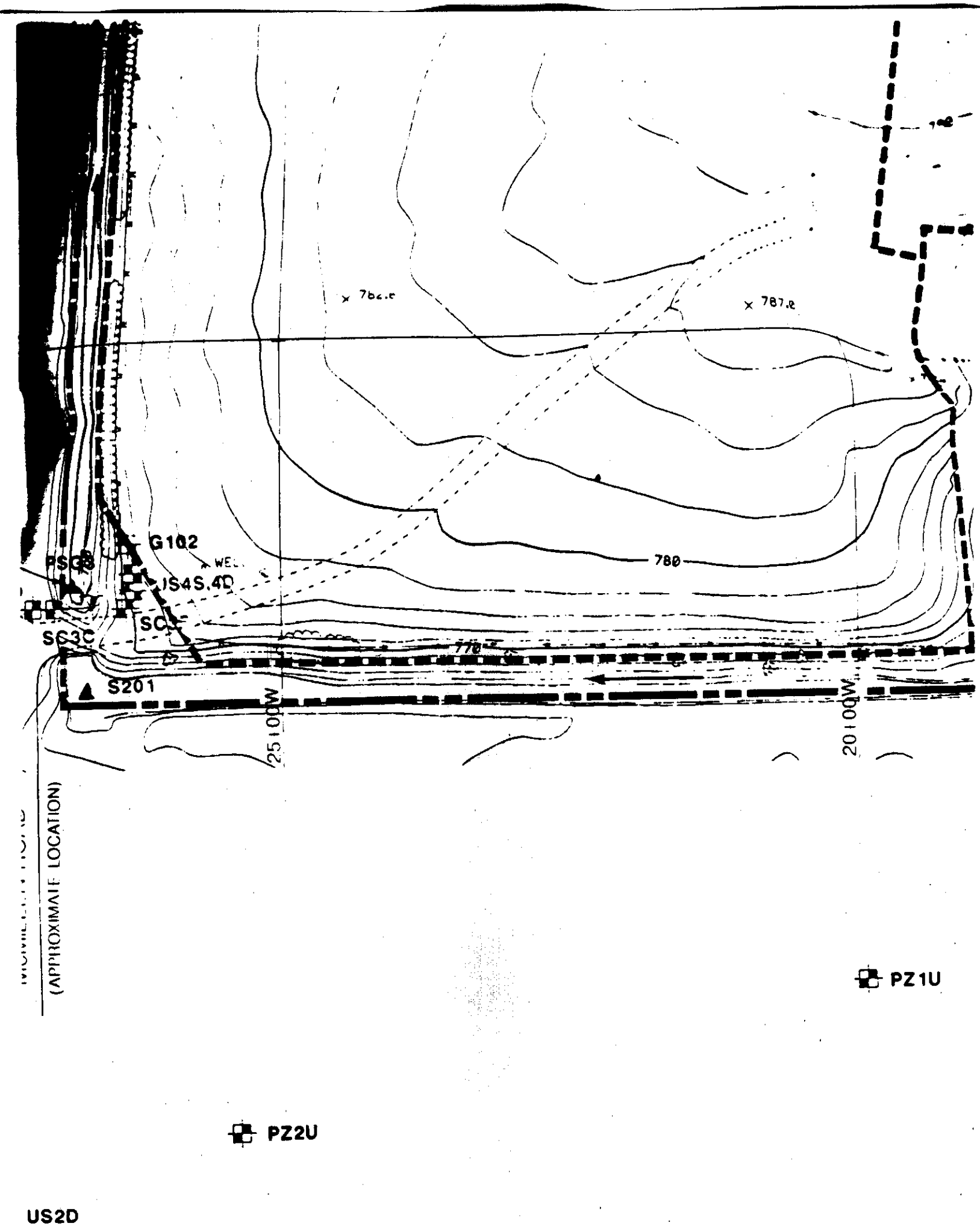
PZ1U


790
780
770
787.2
APPROXIMATE LIMITS OF LANDFIL
PZ3U
R403
US6S,I,D
SC2A
SC2B
SEQUOIT CREEK
PSG2
763.7
SC2C
SC2D
2010 0W
1510 0W

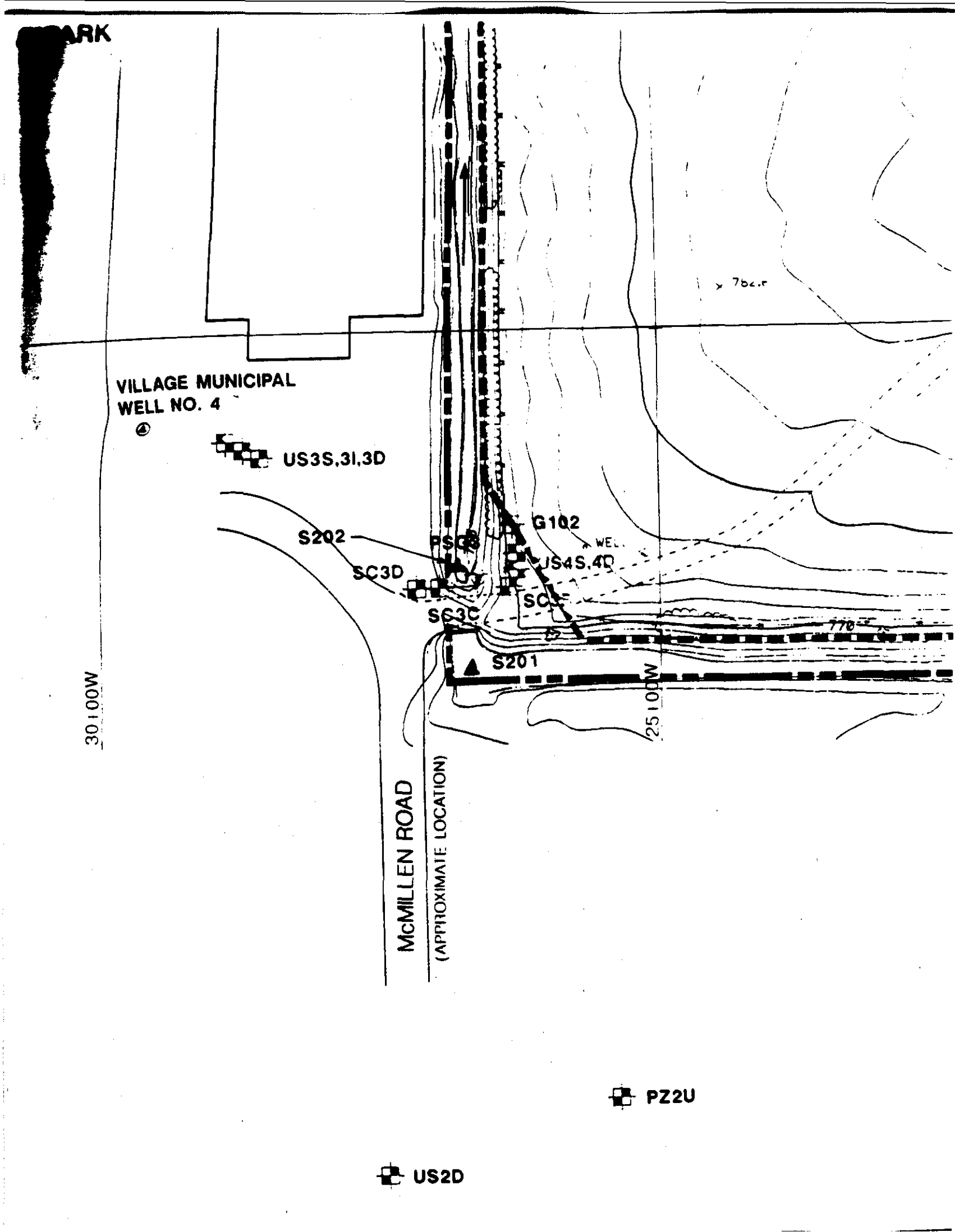
PZ1U

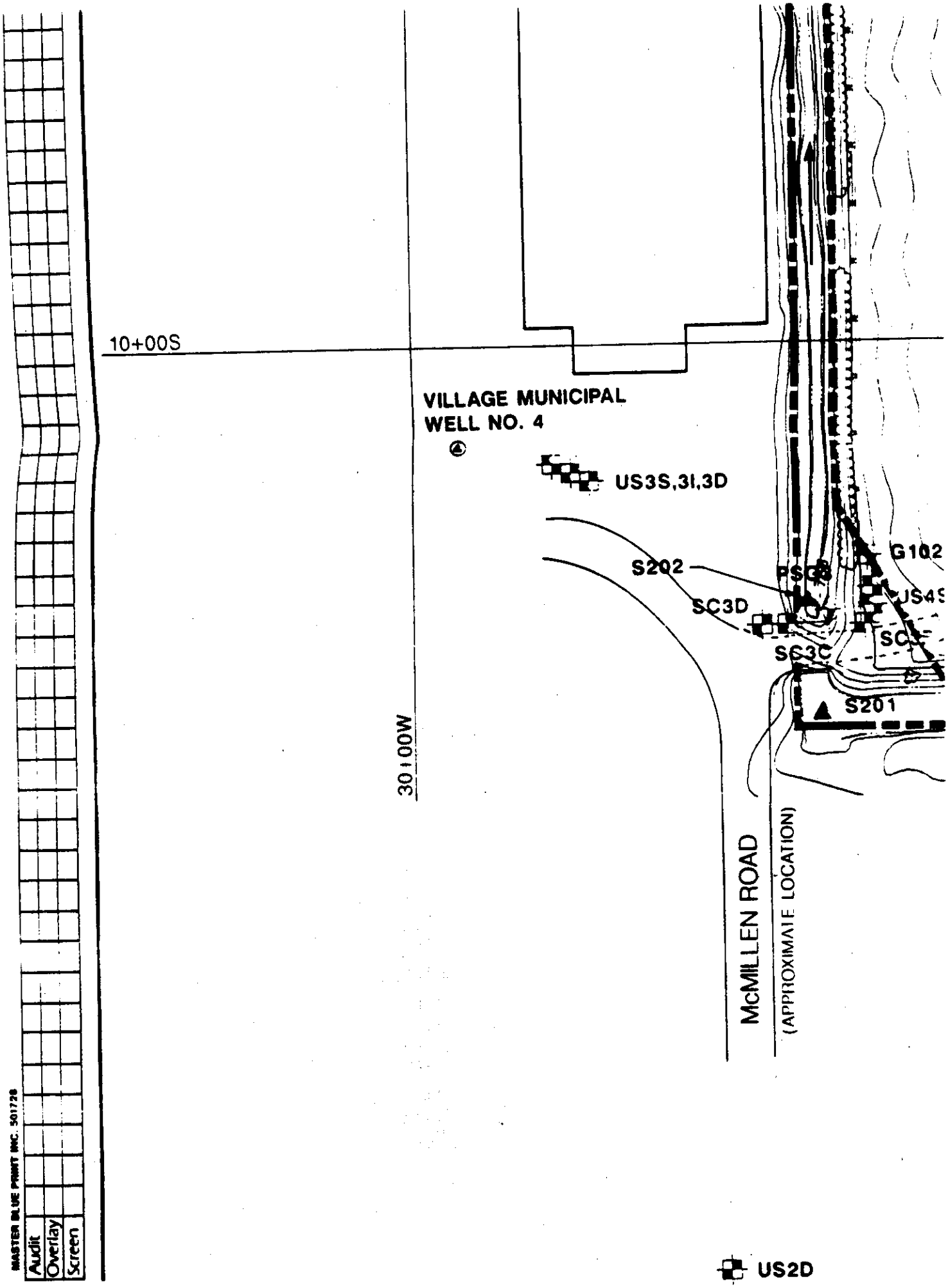


780
770
APP
R103
US6S,I.D
SC2A
SC2B
SEQU
PSG2
763.7
SC2C
SC2D
20100W
PZ1U

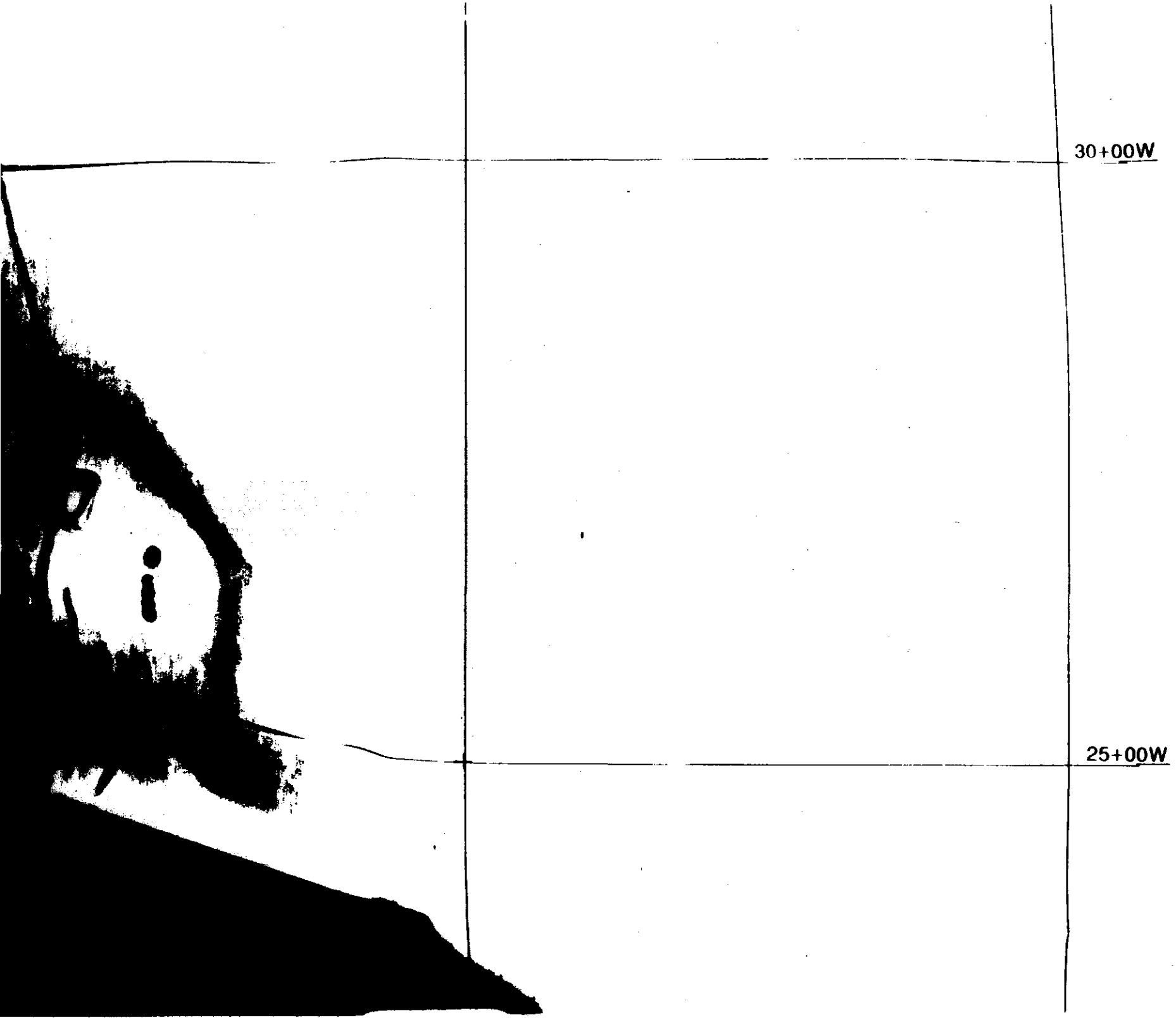


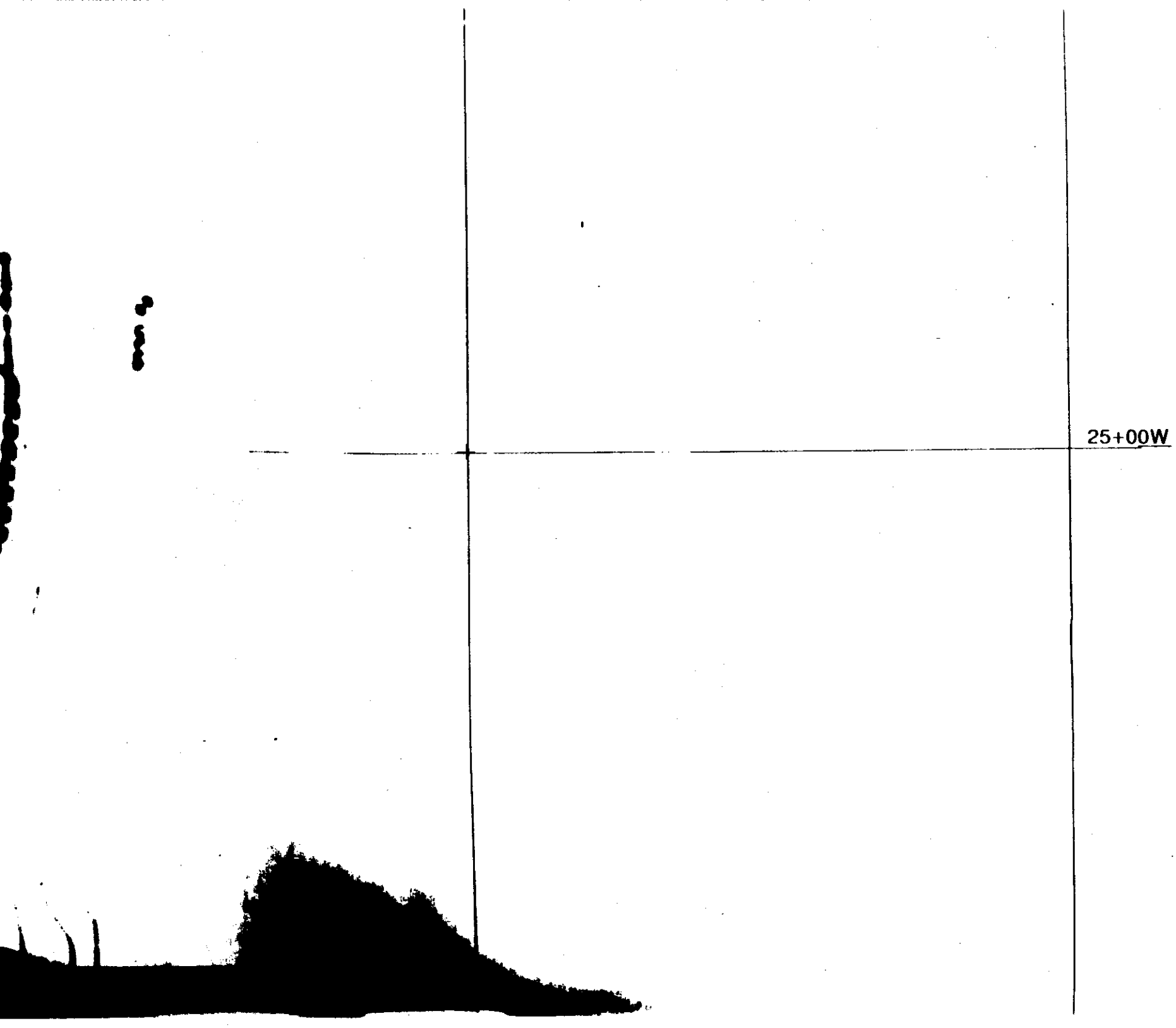
G102
PSG3
JS4S,4D
SC3C
S201
780
770
25+00W
20+00W
(APPROXIMATE LOCATION)
PZ1U
PZ2U
US2D


ARK
VILLAGE MUNICIPAL
WELL NO. 4
US3S,3I,3D
S202
PSG3
SC3D
SC3C
G102
US4S,4D
SC
S201
770
30+00W
25+00W
McMILLEN ROAD
(APPROXIMATE LOCATION)
PZ2U
US2D



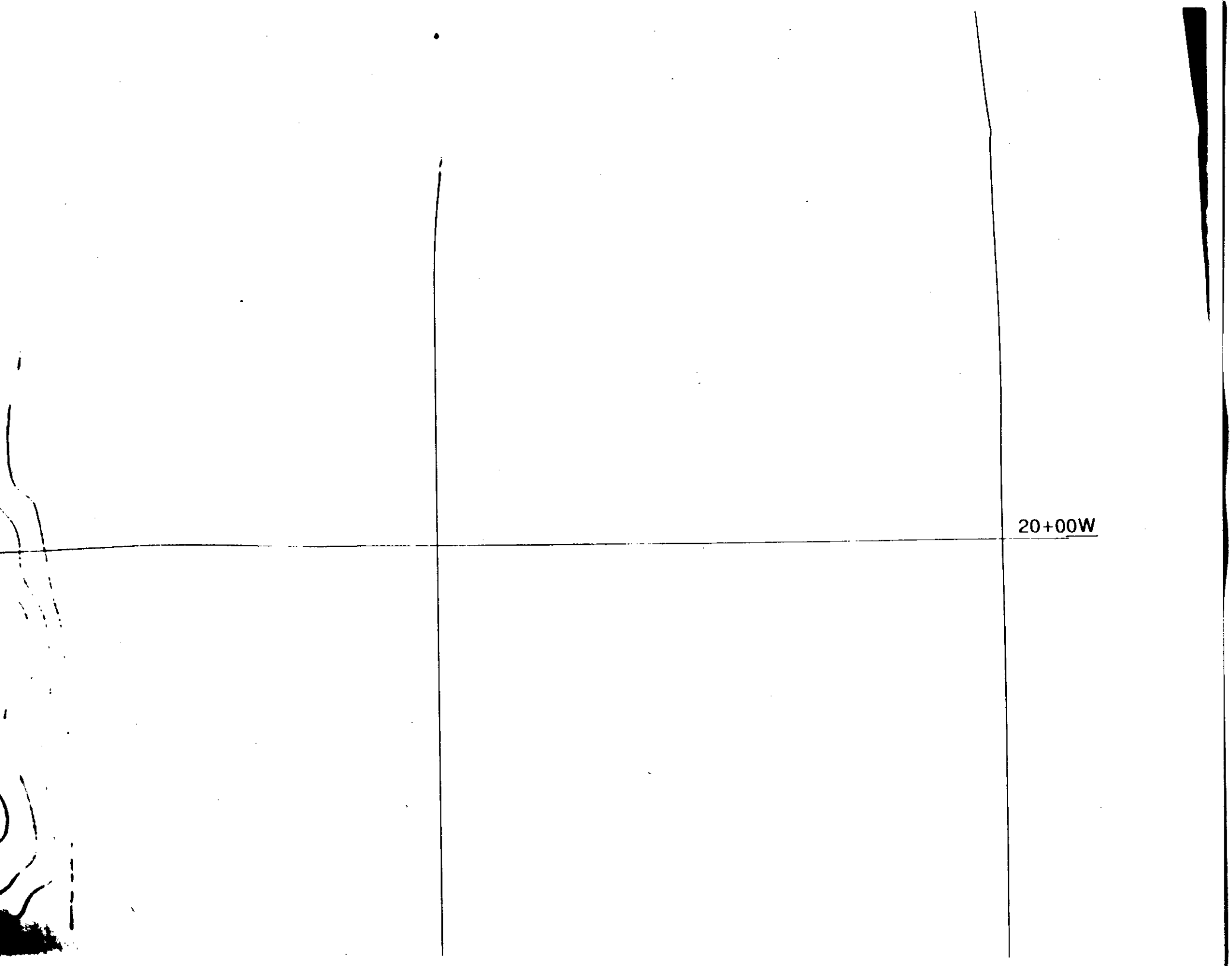
MASTER BLUE PRINT INC. 501728
Audit
Overlay
Screen


30+00W
25+00W


25+00W

25+00W

20+00W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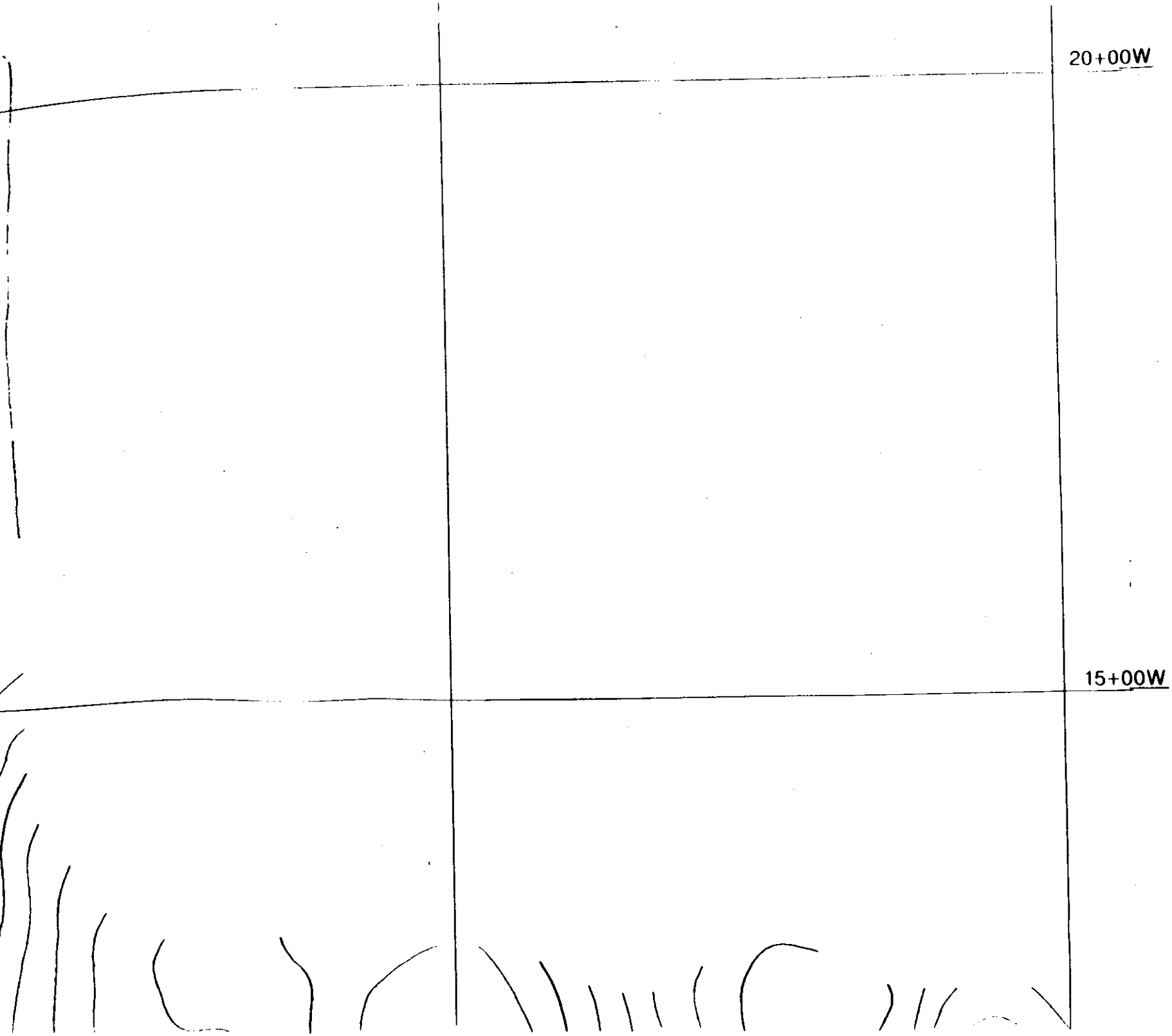
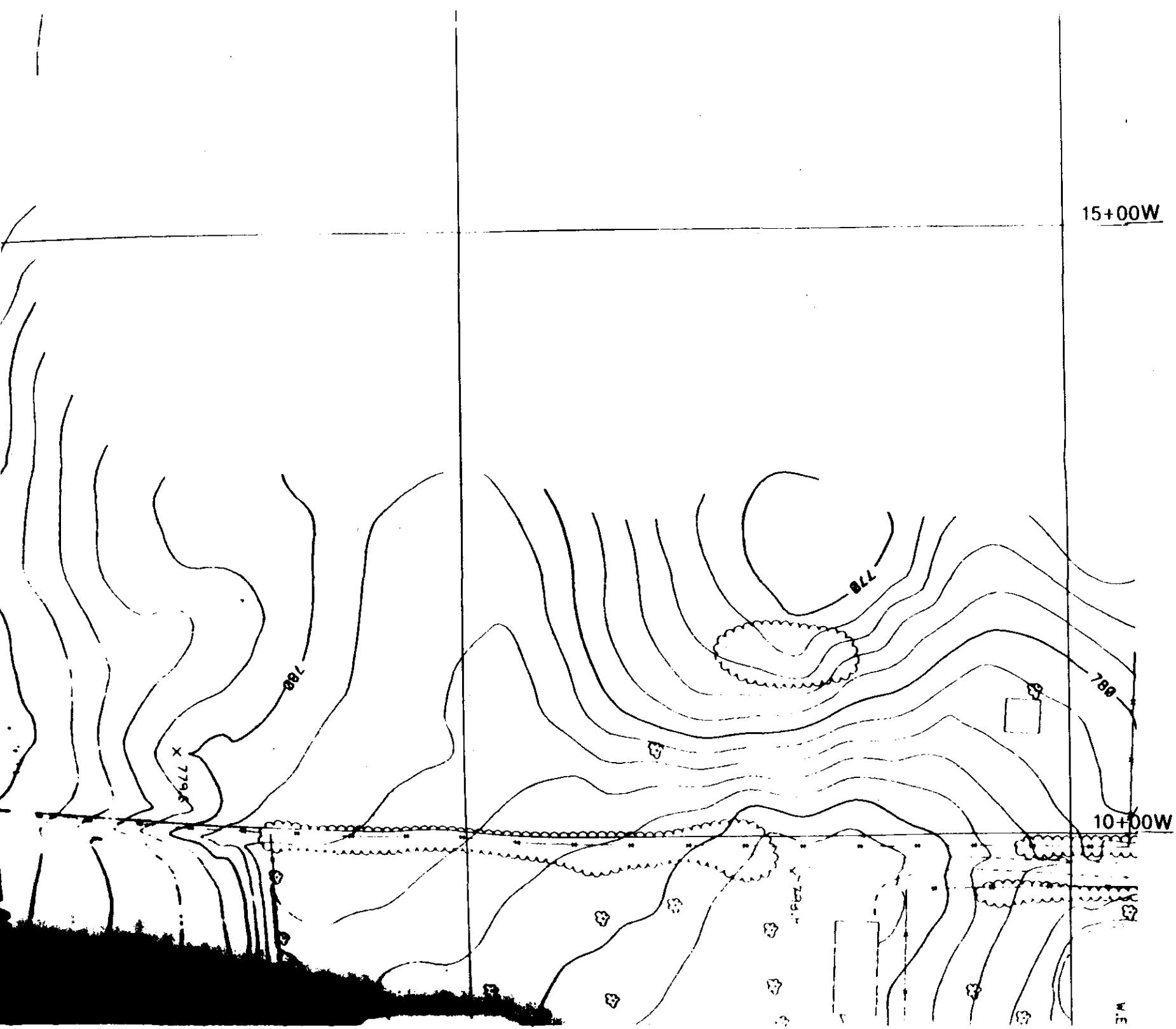
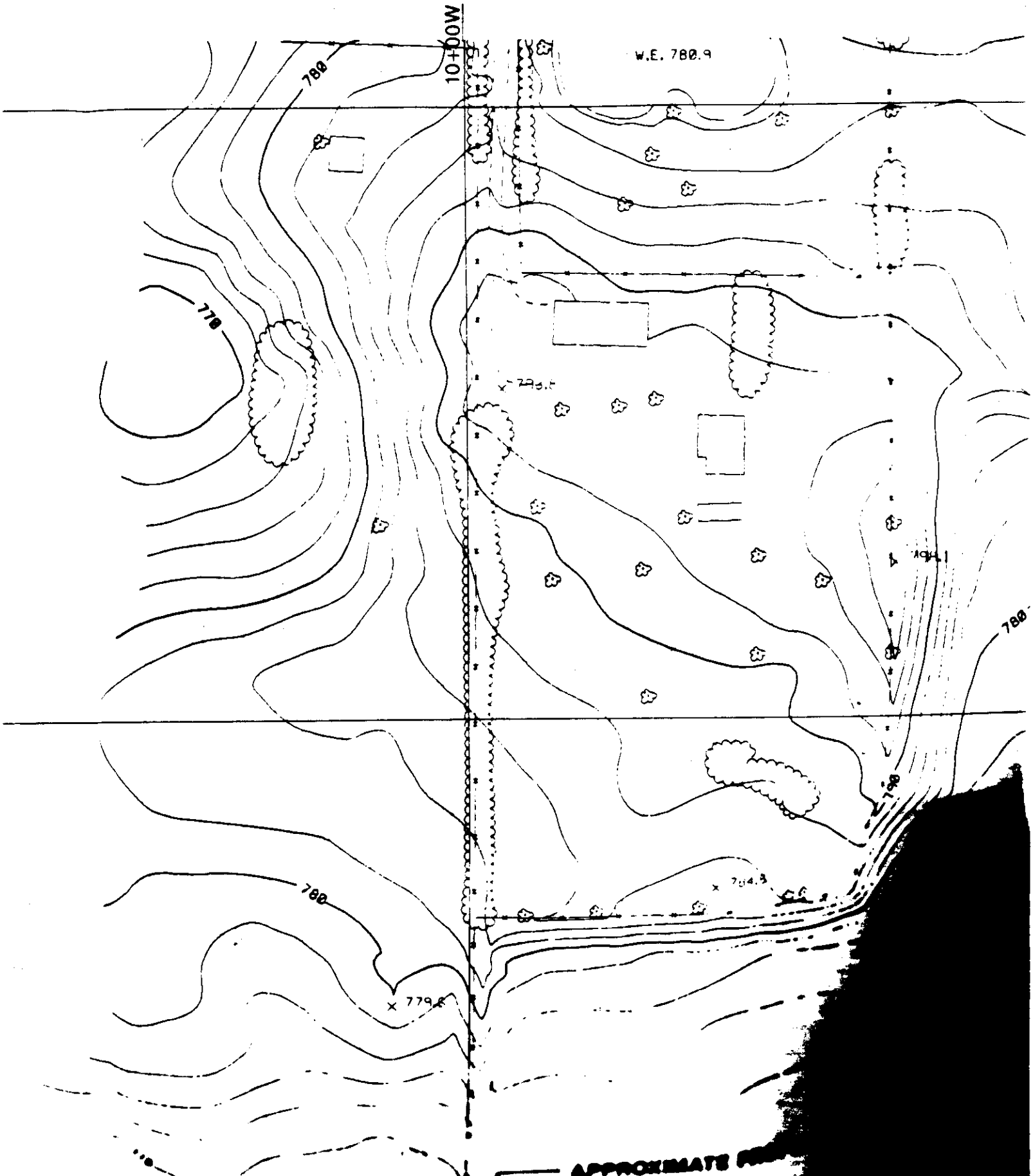
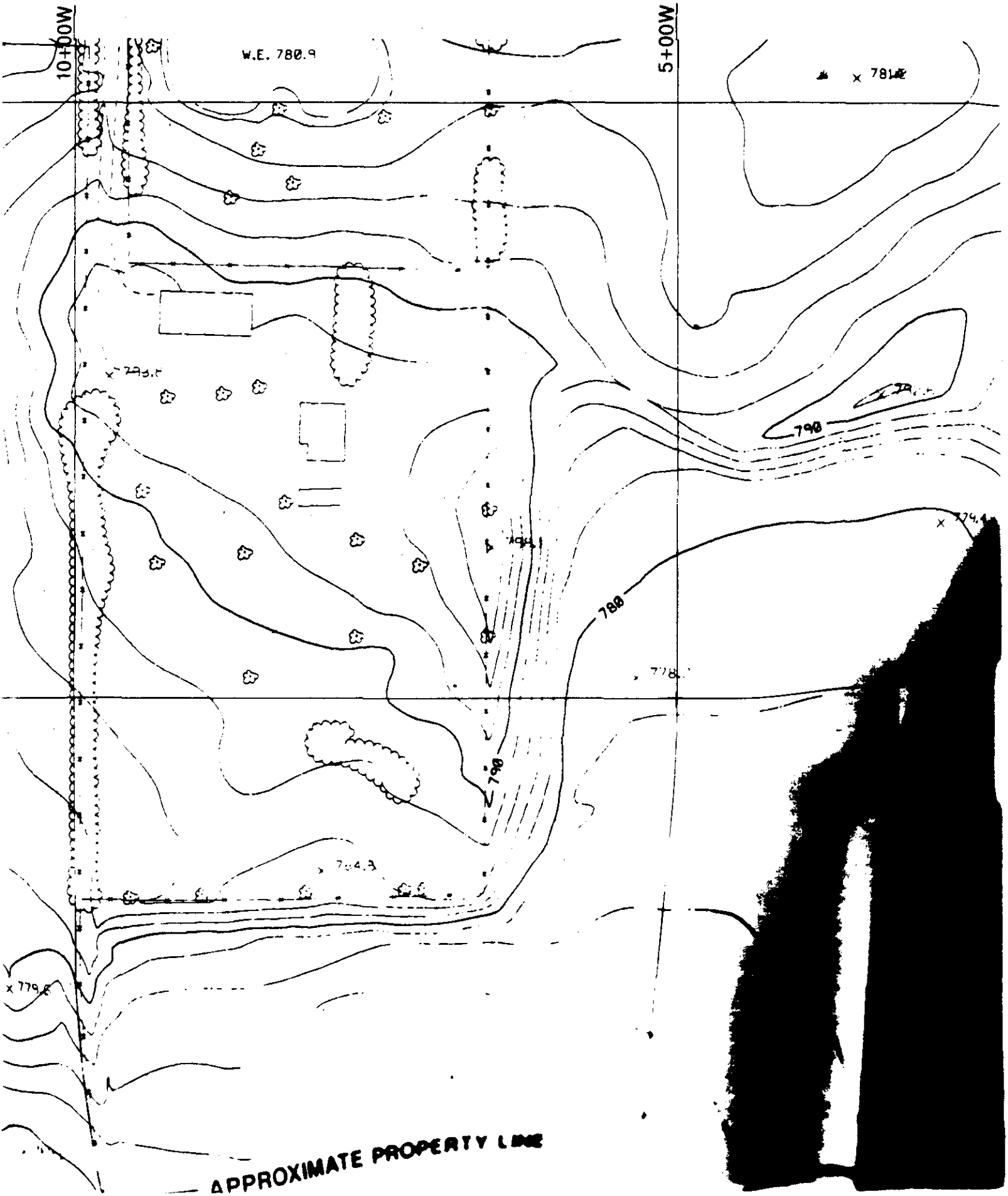
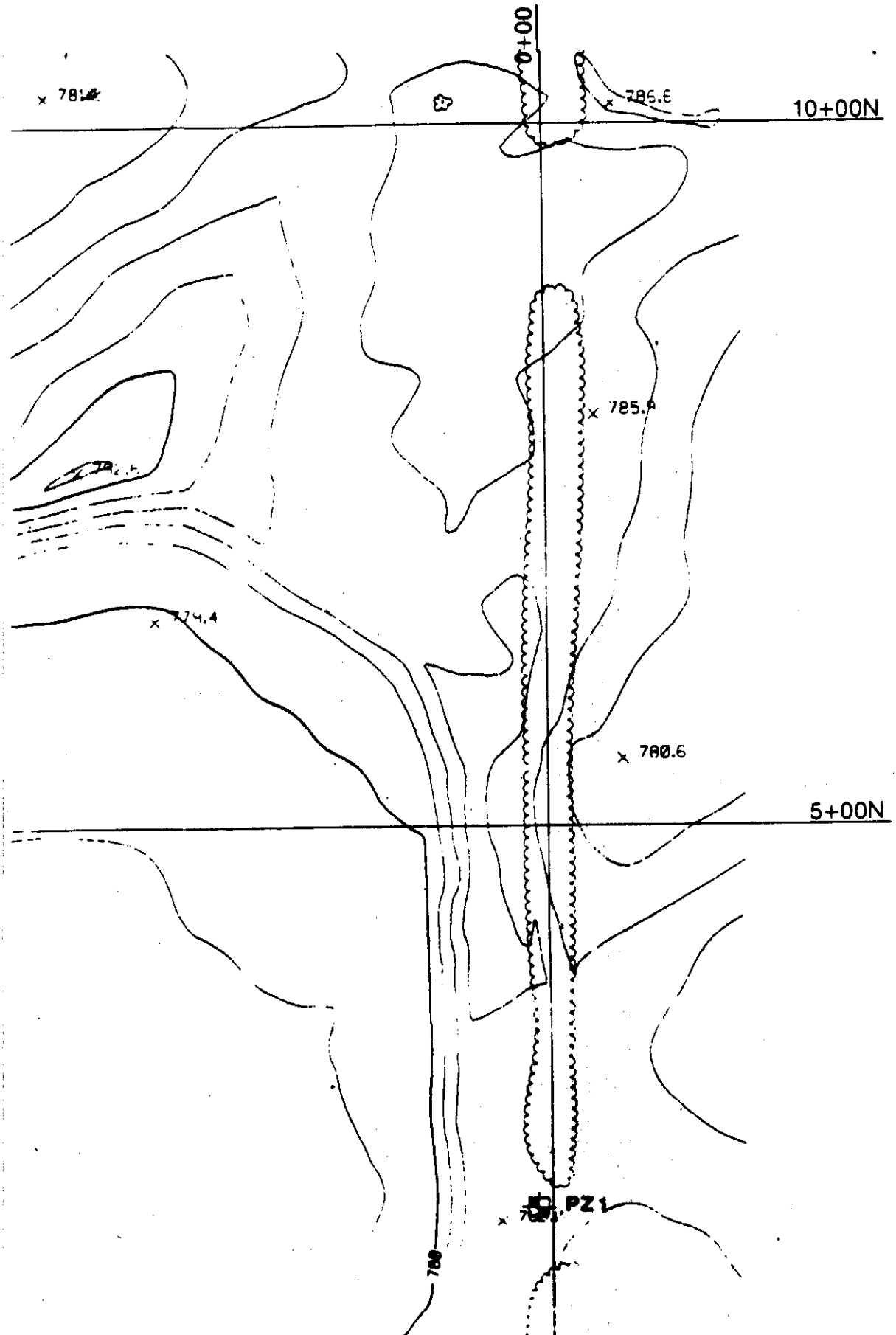

20+00W
15+00W

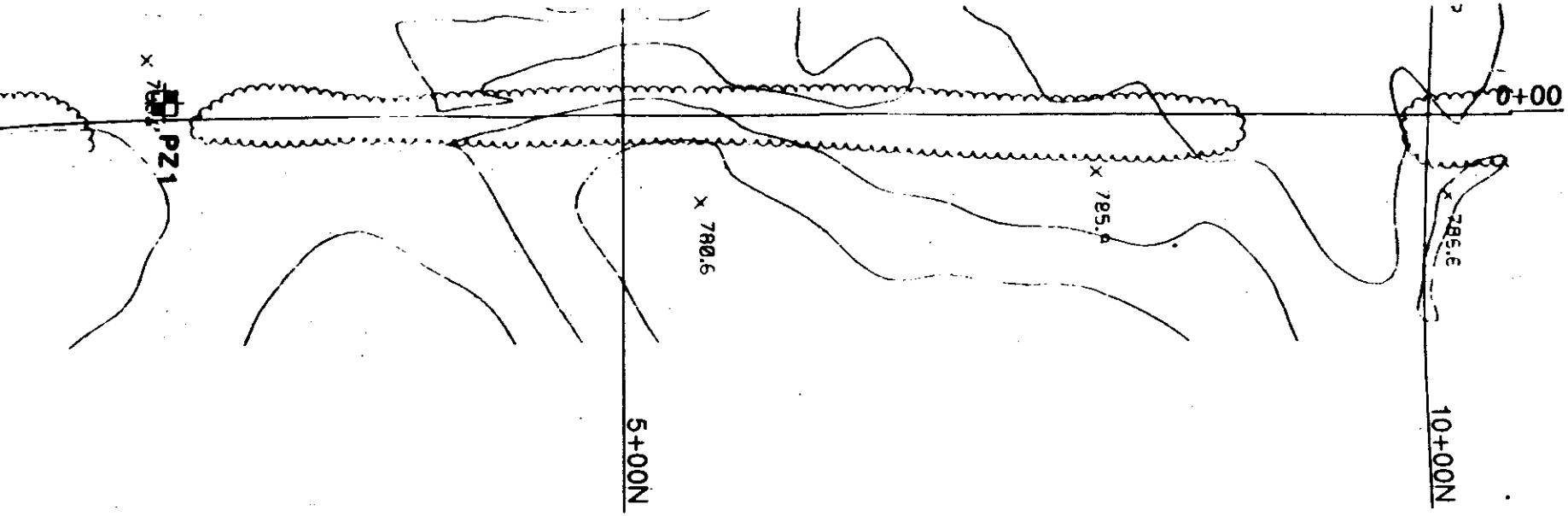

15+00W
10+00W
780
770
780


10+00W
W.E. 780.9
780
770
780
780
780
779.8
APPROXIMATE


10+00W
5+00W
W.E. 780.9
790
780
790
APPROXIMATE PROPERTY LINE

5+00W
0+00
790
780
790
PROPERTY LINE


0+00
10+00N
5+00N
785.6
785.9
774.4
780.6
PZ1
780



WARZYN

WARZYN ENGINEERING INC.

Designed By:

Drawn By: JC

Checked By:

Approved By:

Date:

Reference:

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SOIL BORING LOCATION MAP

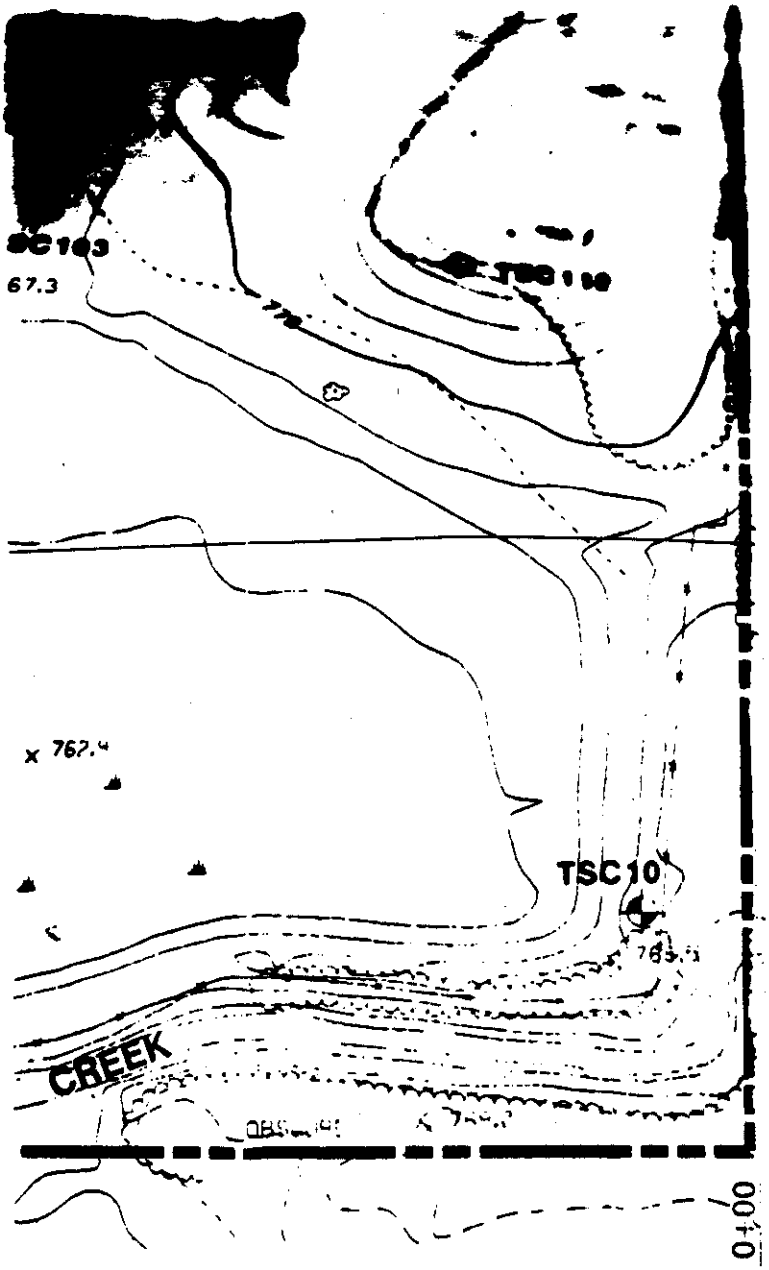
PRELIMINARY SITE EVALUATION REPORT

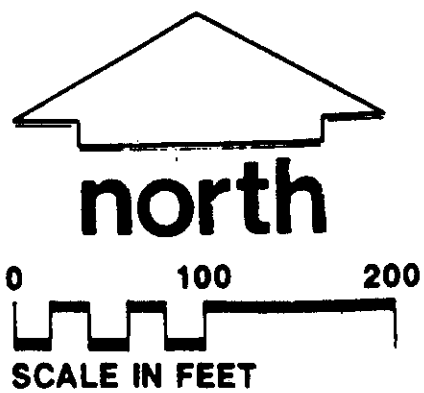
U.O.D. LANDFILL RI/FS

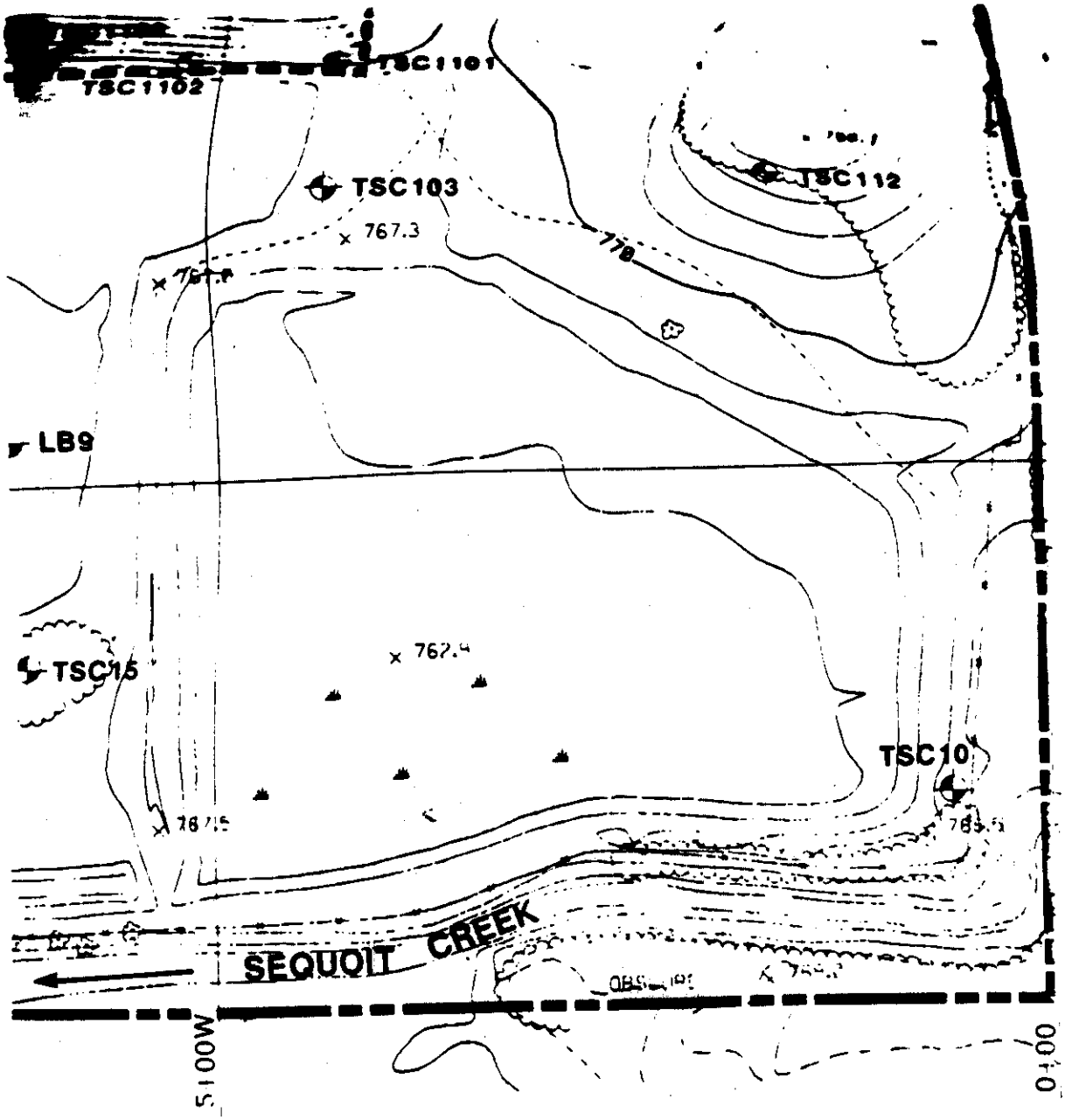
Printed

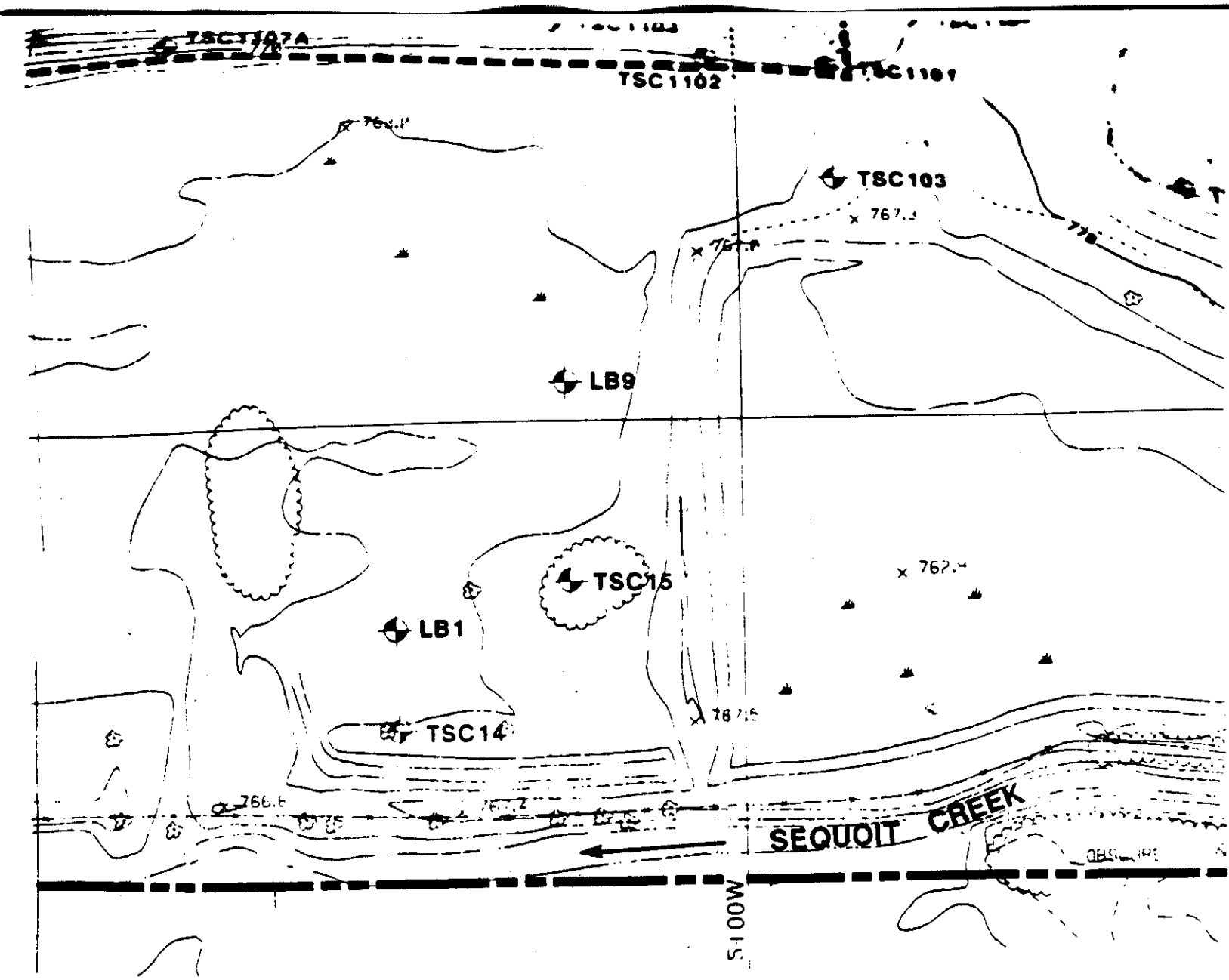
Sheet Number 3

Project Number 60953


SC103
67.3
TSC10
CREEK

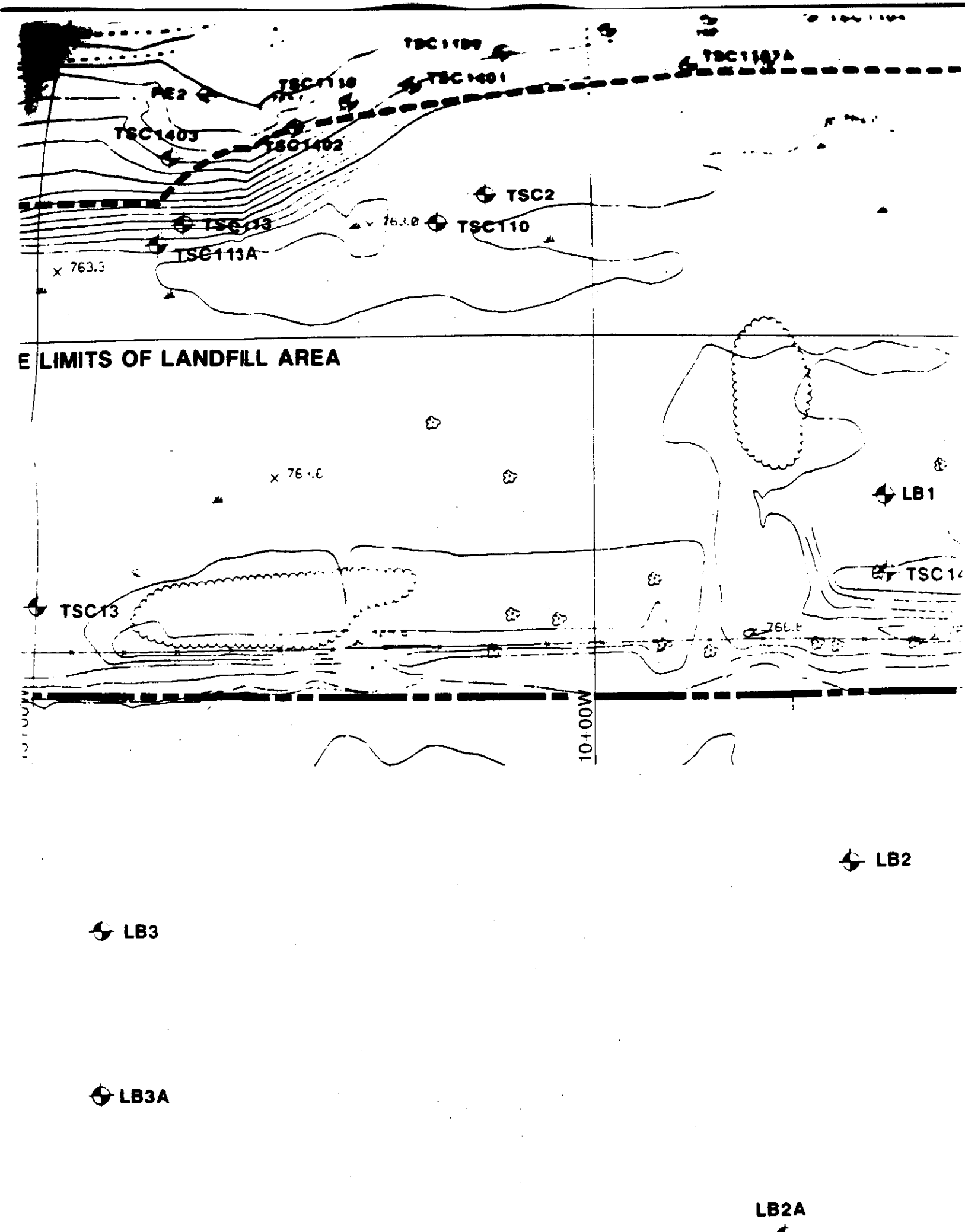

north
0
100
200
SCALE IN FEET


TSC1101
TSC1102
TSC103
767.3
TSC112
770
LB9
TSC15
767.4
TSC10
SEQUOIT CREEK
5100W
0+00

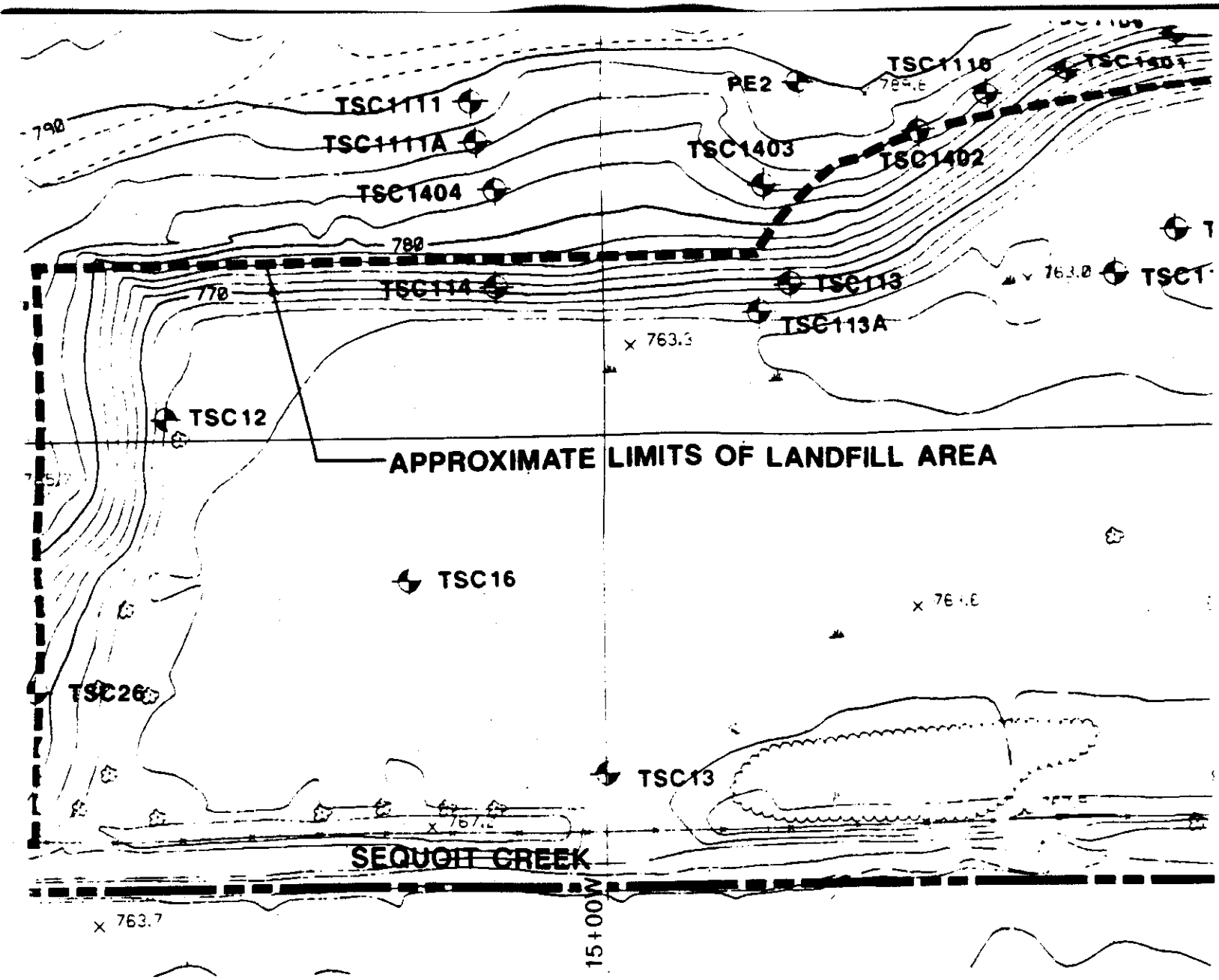


LB2

LB2A

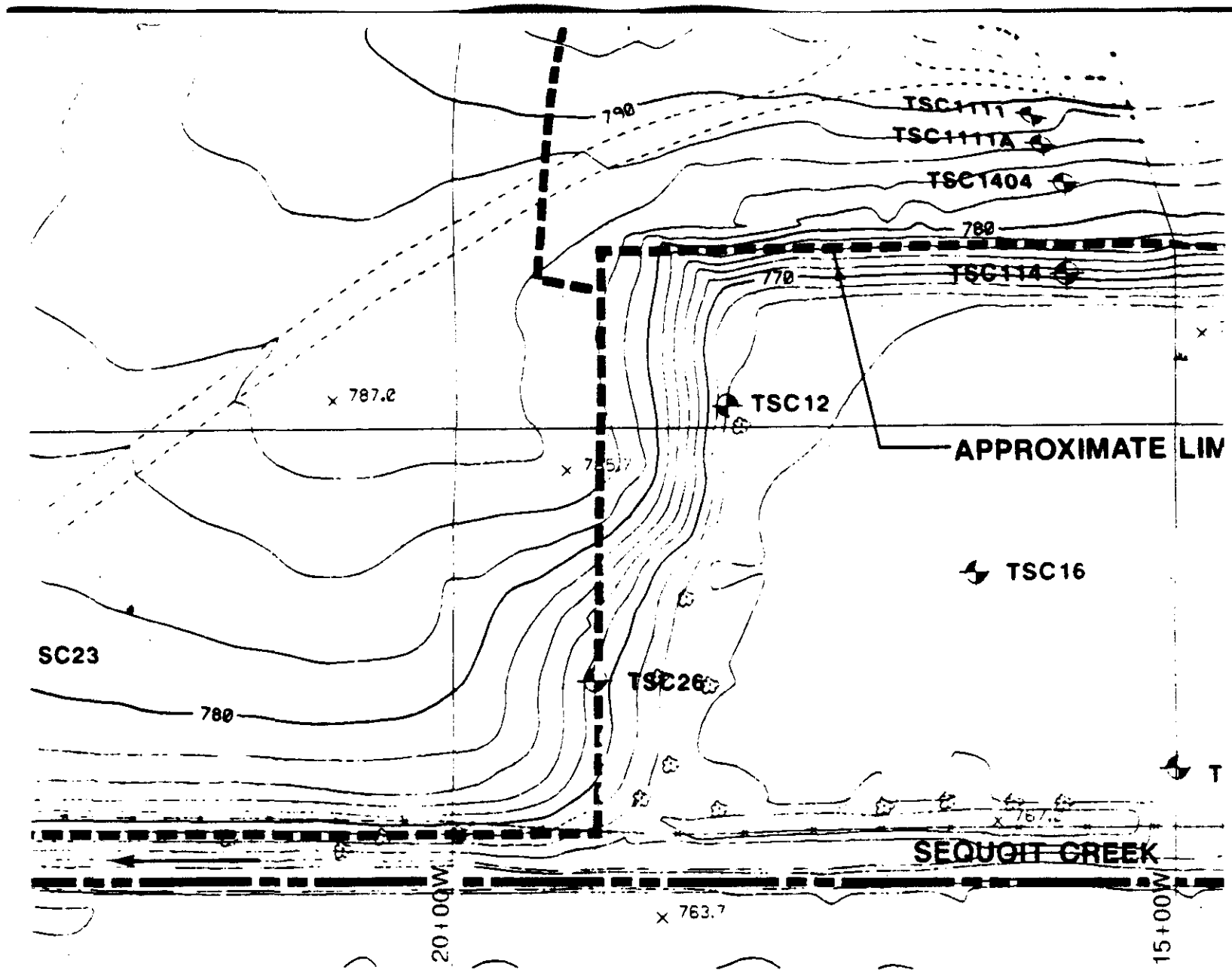


TSC1401
TSC1403
TSC1402
TSC2
TSC110
TSC113A
763.3
E LIMITS OF LANDFILL AREA
LB1
TSC13
10+00W
LB2
LB3
LB3A
LB2A


TSC1110
PE2
TSC1111
TSC1111A
TSC1403
TSC1402
TSC1404
790
780
770
TSC114
TSC113
TSC113A
763.3
763.0
TSC12
APPROXIMATE LIMITS OF LANDFILL AREA
TSC16
TSC26
TSC13
SEQUOIT CREEK
763.7
15+00W

LB3

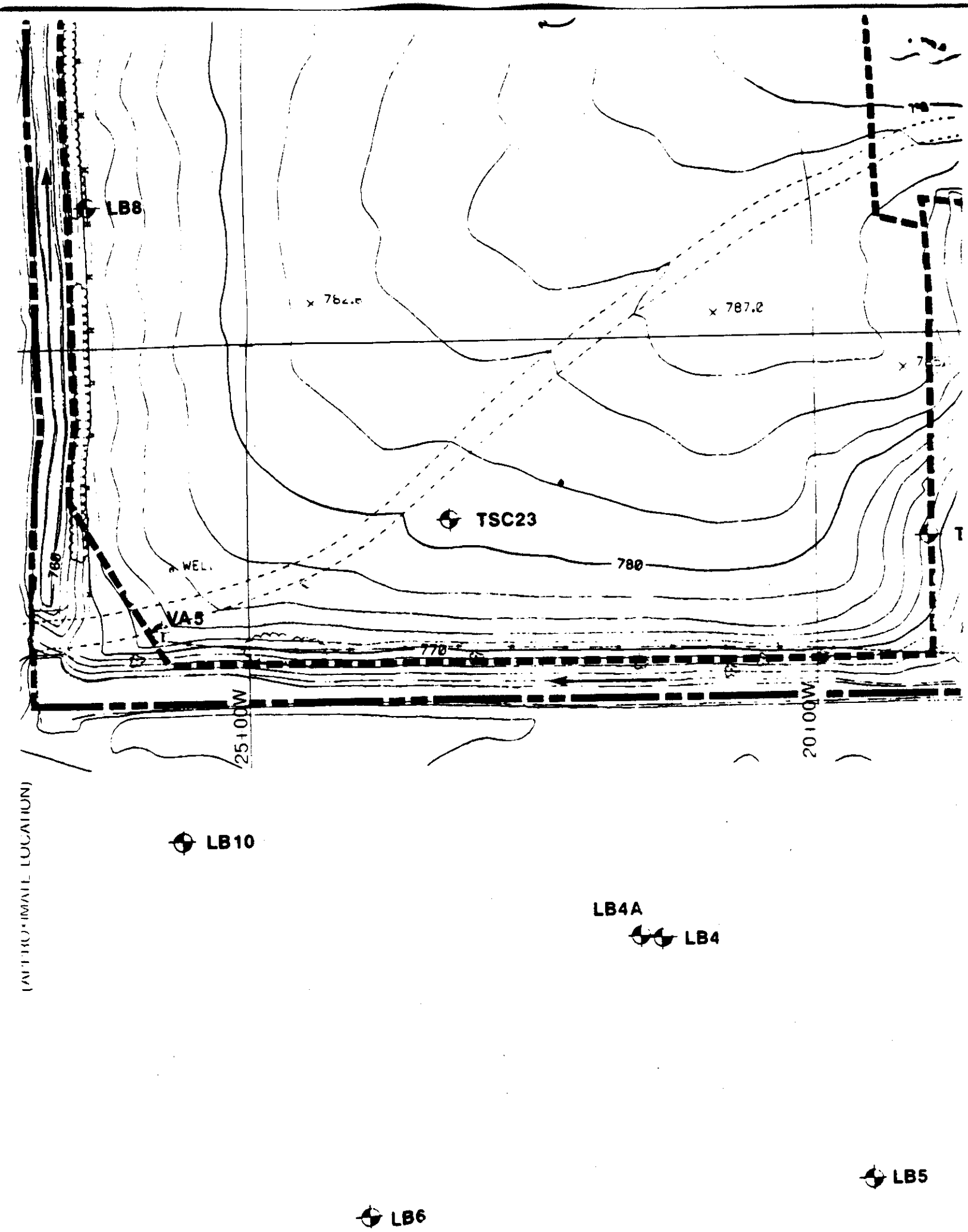
LB3A


790
TSC1111
TSC1111A
TSC1404
780
770
TSC114
787.0
TSC12
APPROXIMATE LIM
TSC16
SC23
TSC26
780
SEQUOIT CREEK
763.7
20+00W
15+00W

LB4A

LB4

LB5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TSC23
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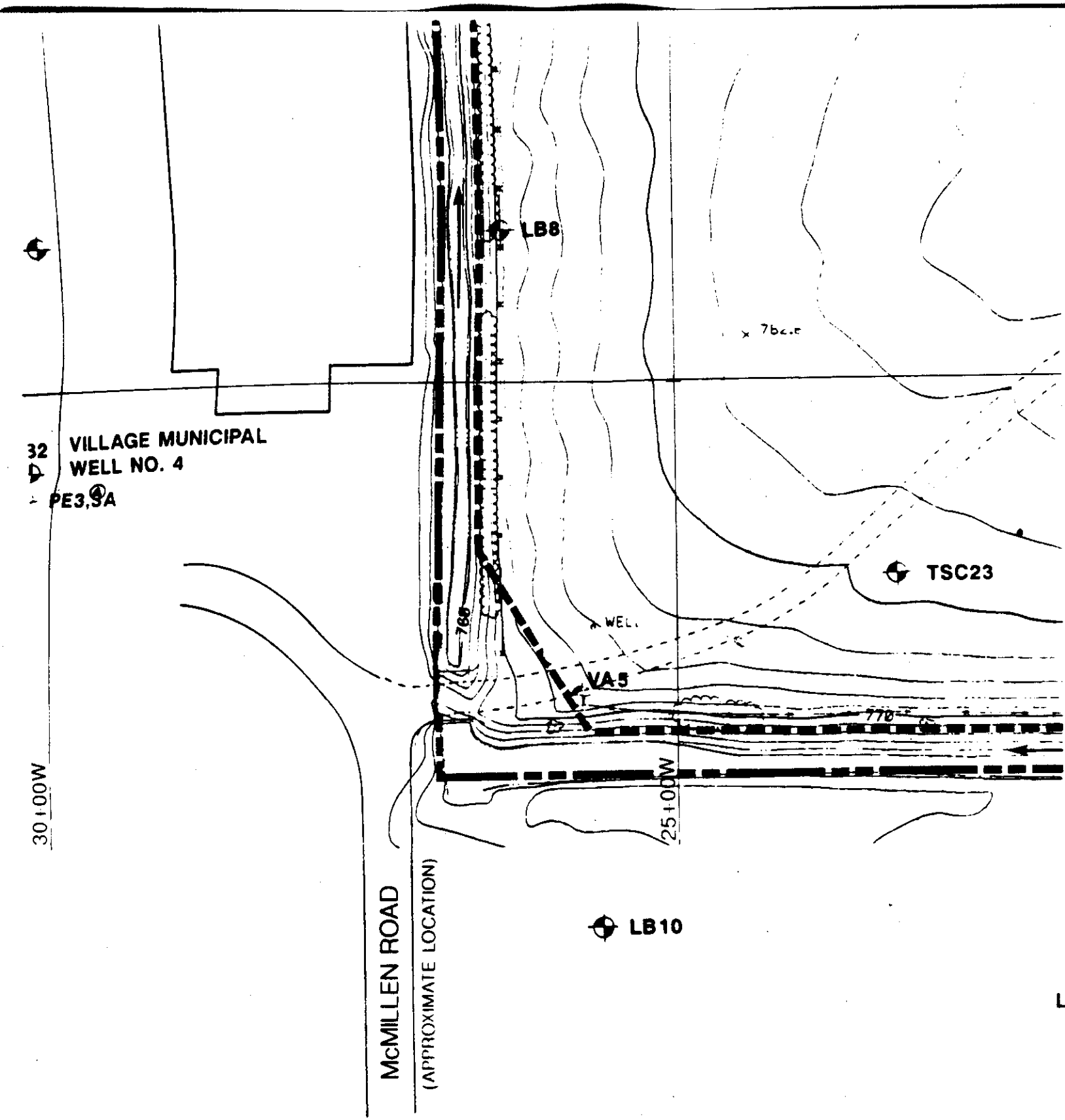
WEL
VA5
770
25+00W
20+00W
LB10
LB4A
LB4
LB5
LB6


LB8
VILLAGE MUNICIPAL
WELL NO. 4
PE3,4A
TSC23
VA5
30+00W
25+00W
McMILLEN ROAD
(APPROXIMATE LOCATION)
LB10

LB6

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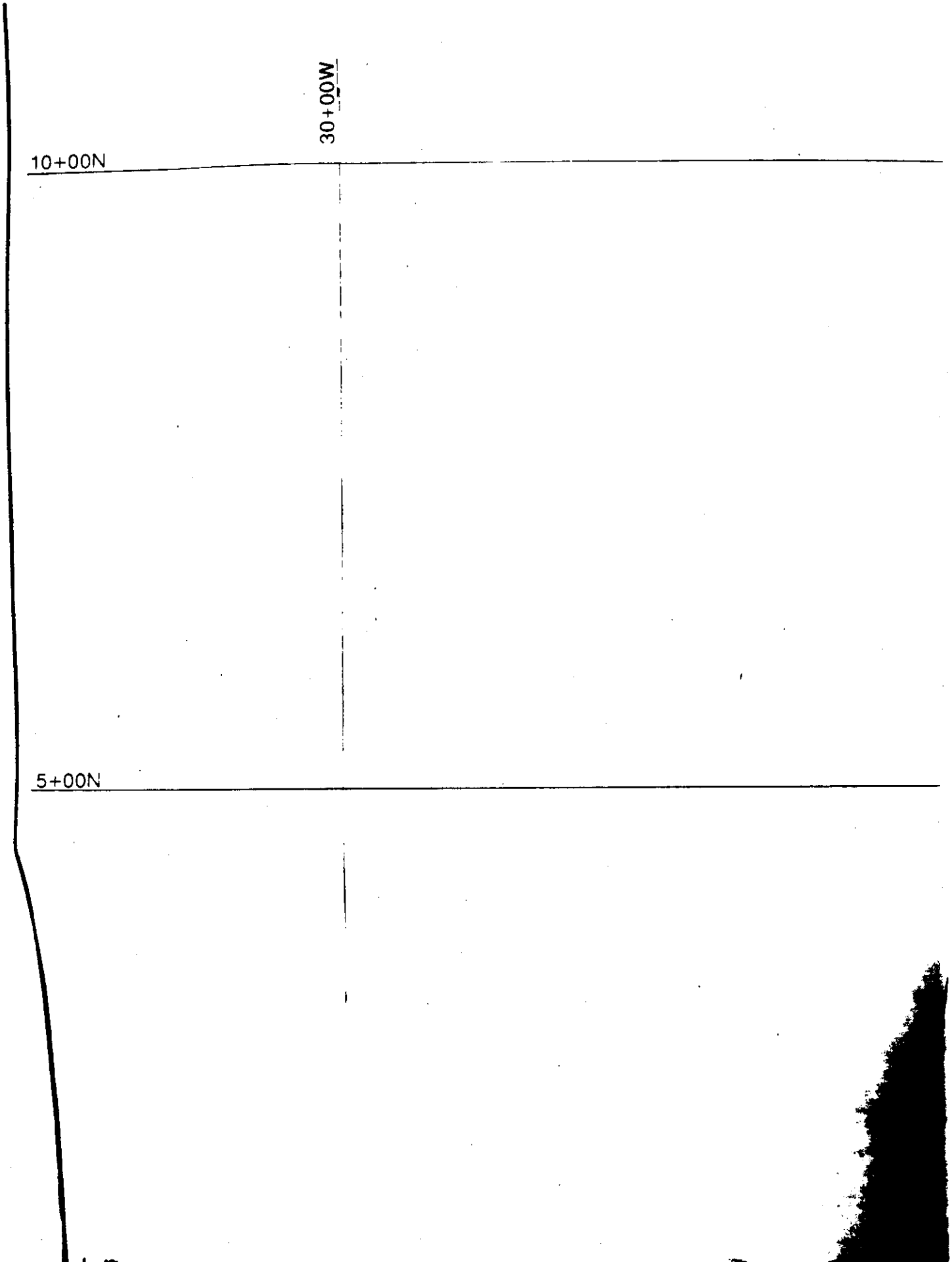
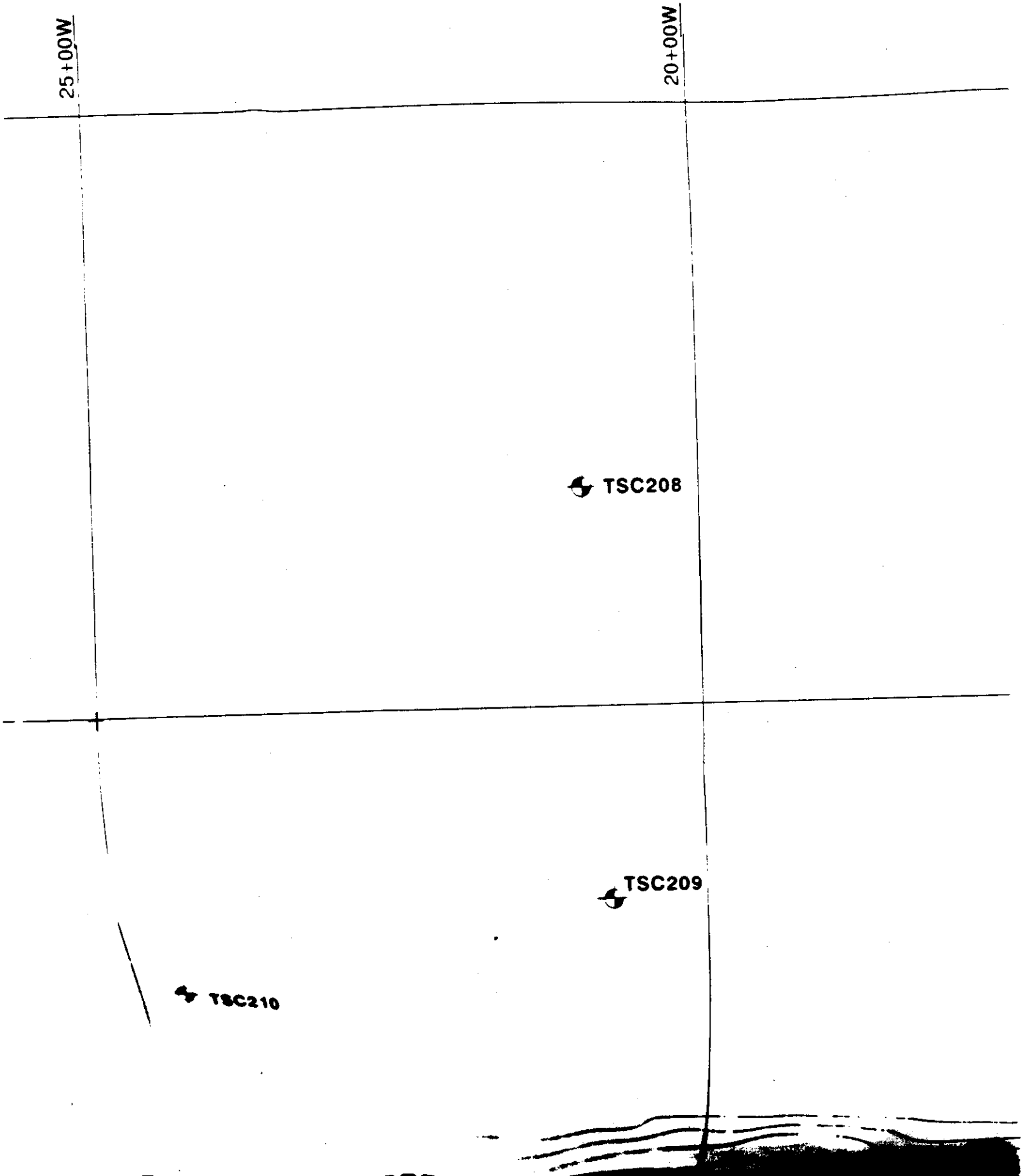
Audit	
Overlay	
Screen	


30+00W
10+00N
5+00N

TSC210

25+00W

30+00W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20+00W
TSC208
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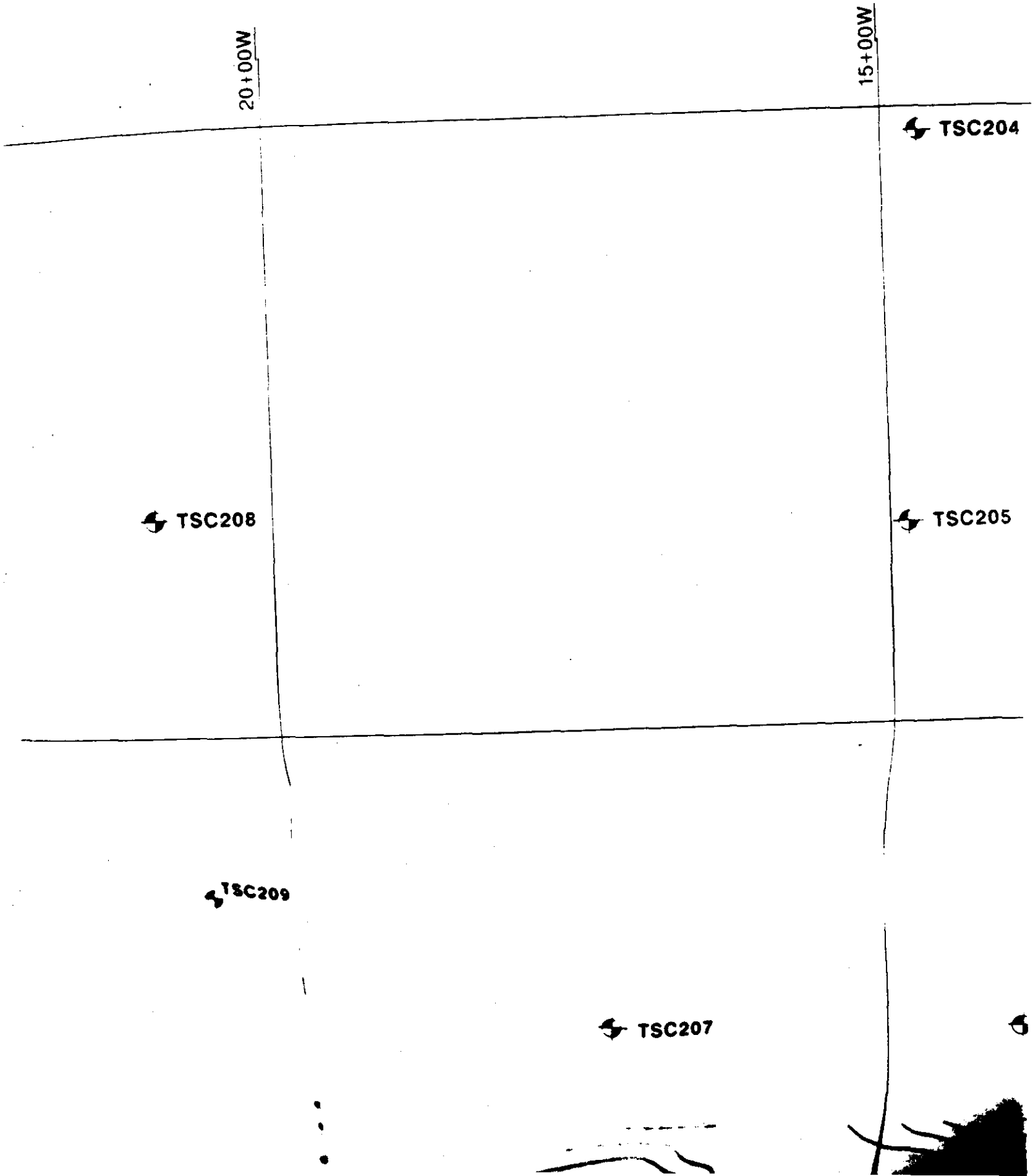
TSC210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15+00W
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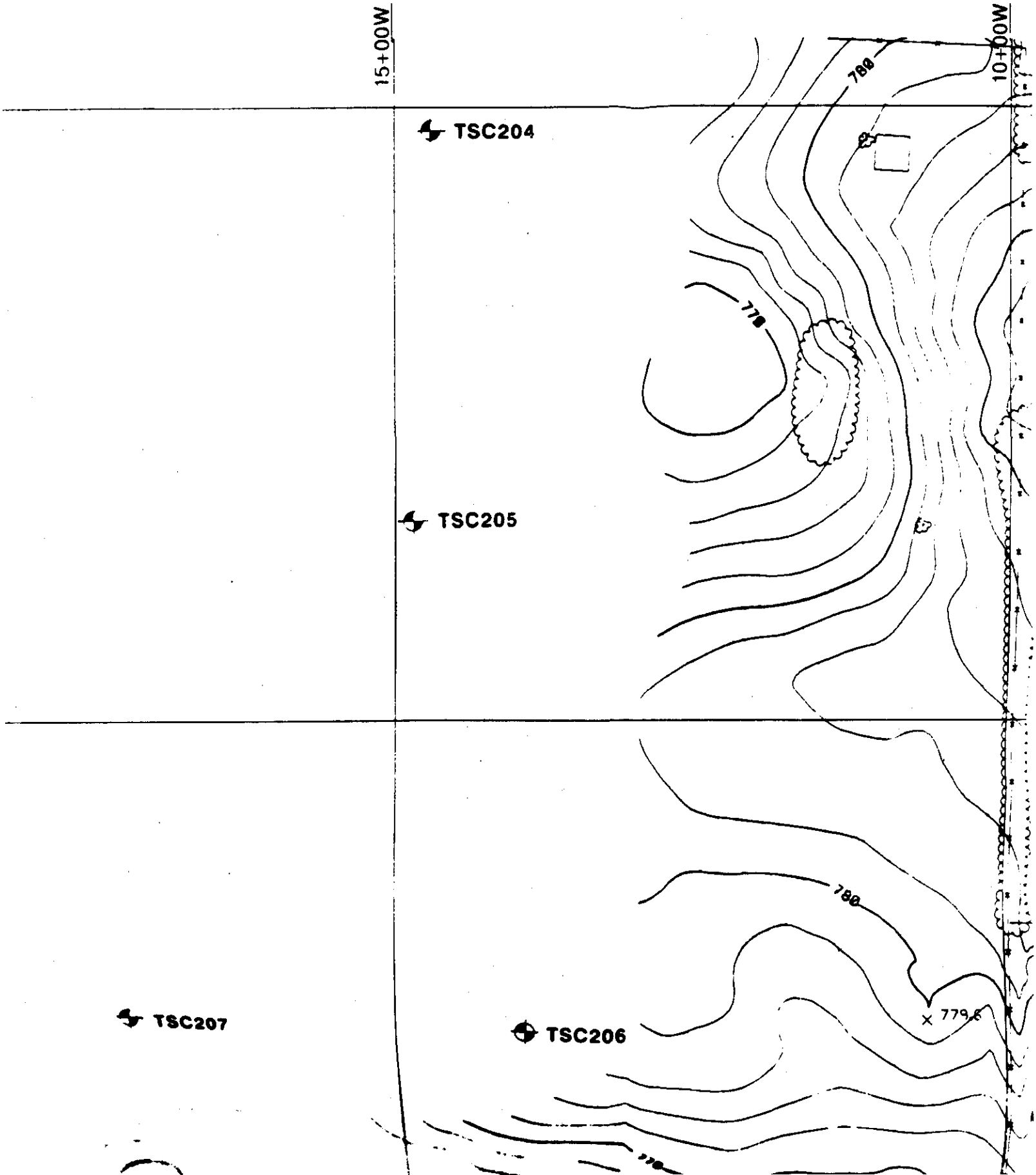
TSC207


15+00W
10+00W
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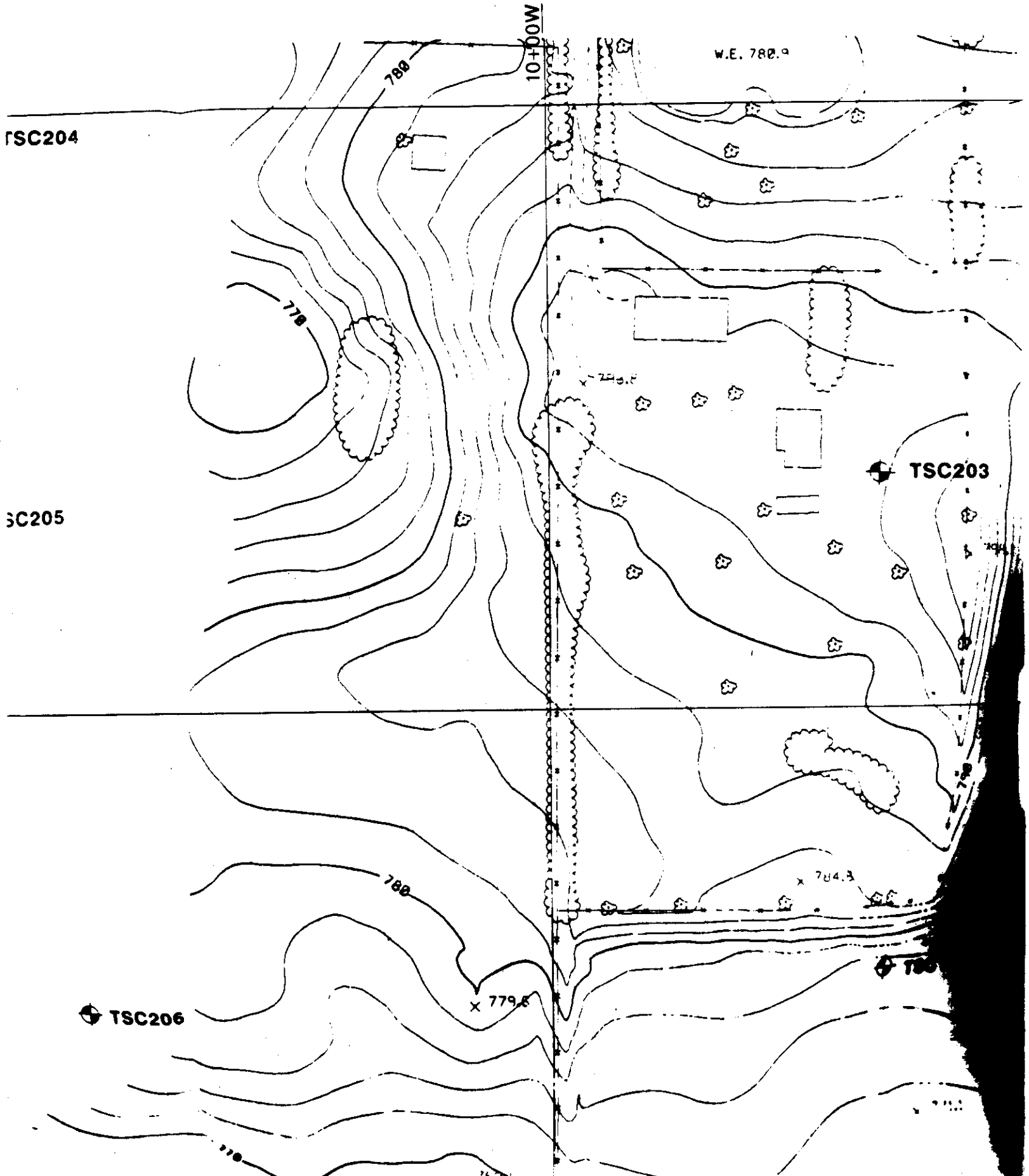
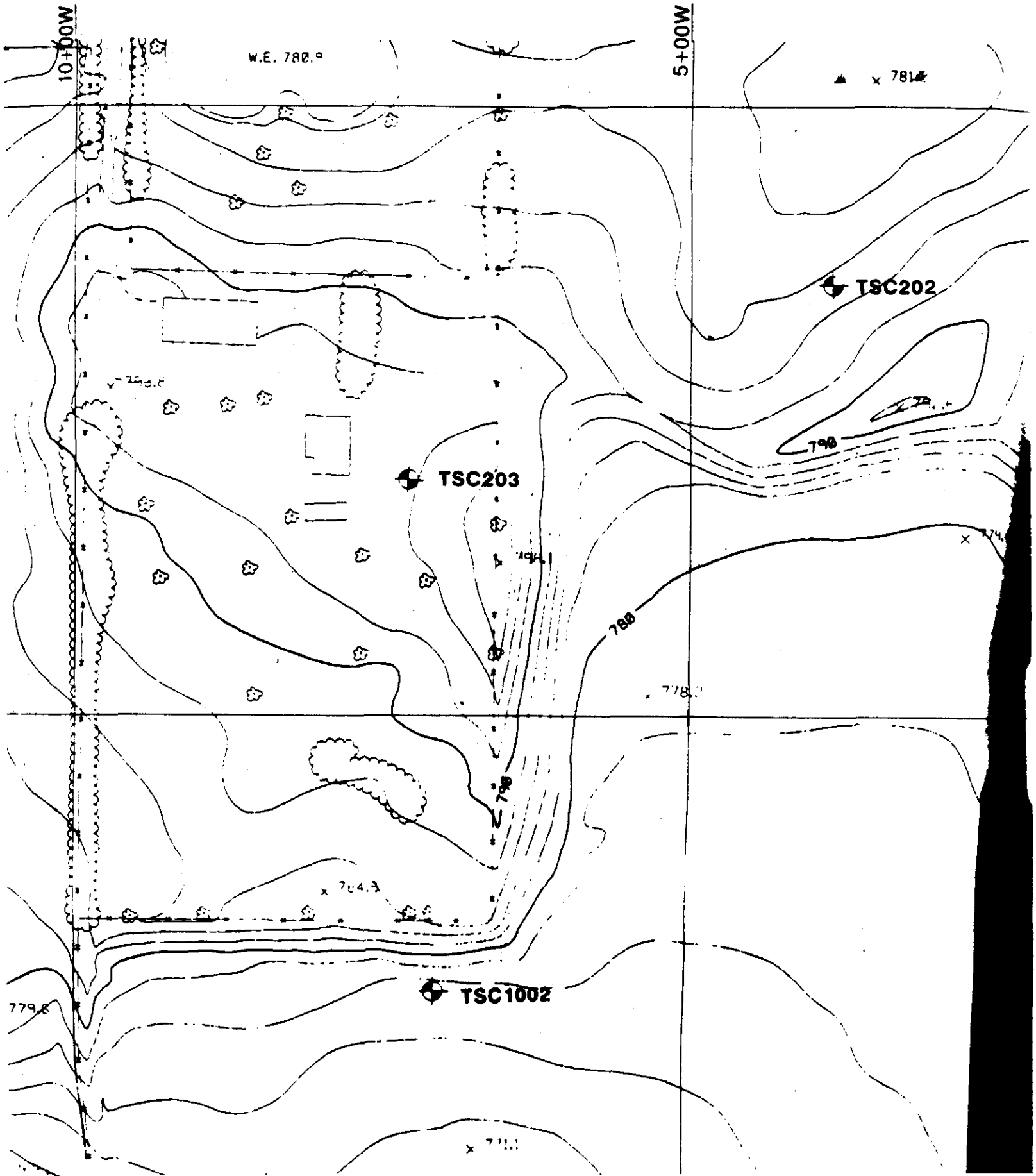
TSC205
TSC206
TSC207
780
770
780
779.6
770



10+00W
W.E. 780.9
780
TSC204
778
TSC203
SC205
780
784.3
779.6
TSC206


10+00W
5+00W
W.E. 780.9
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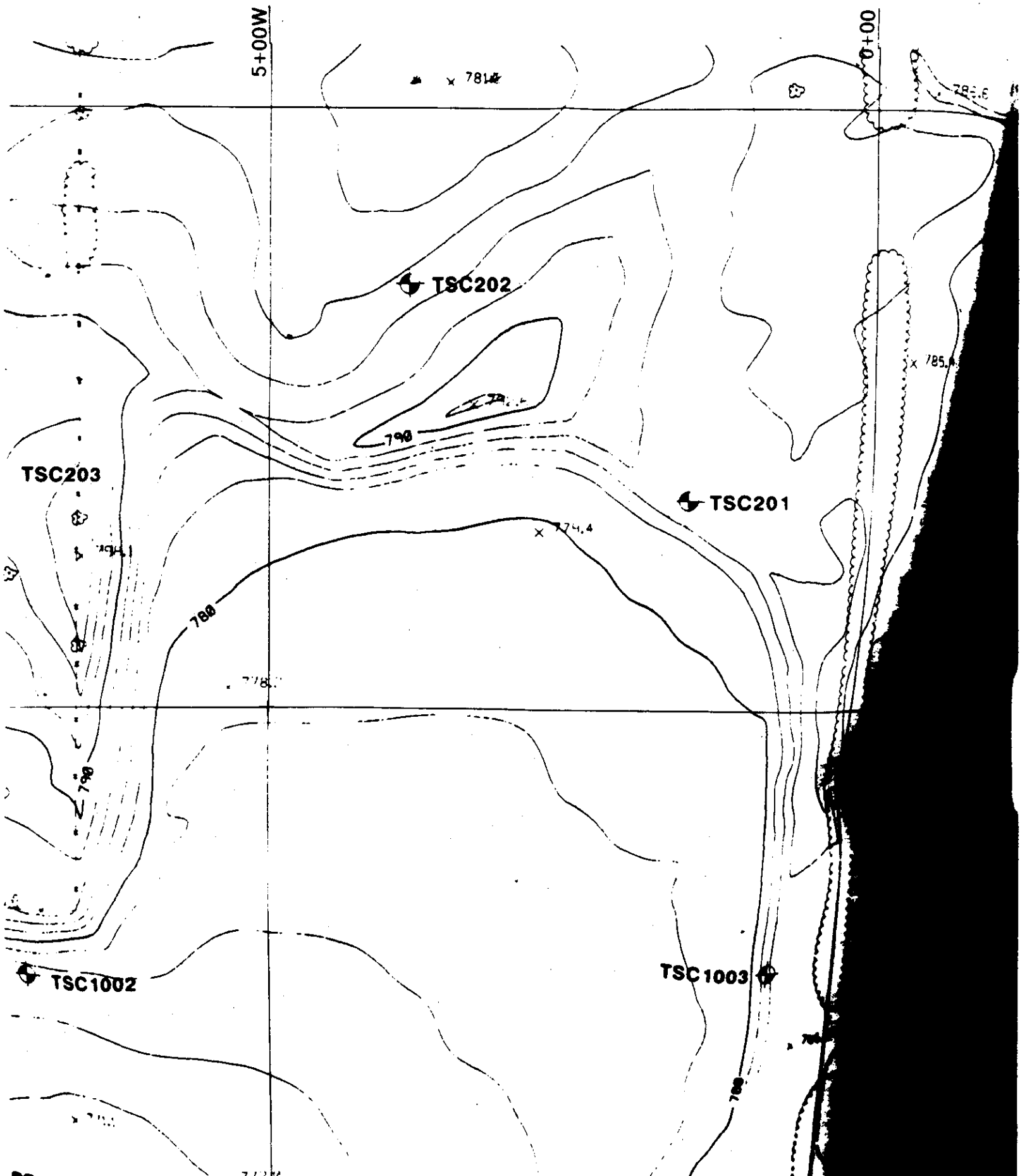
TSC203
TSC1002
790
780
790
779.8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0+00
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TSC203
TSC201
TSC1002
TSC1003
790
780
790
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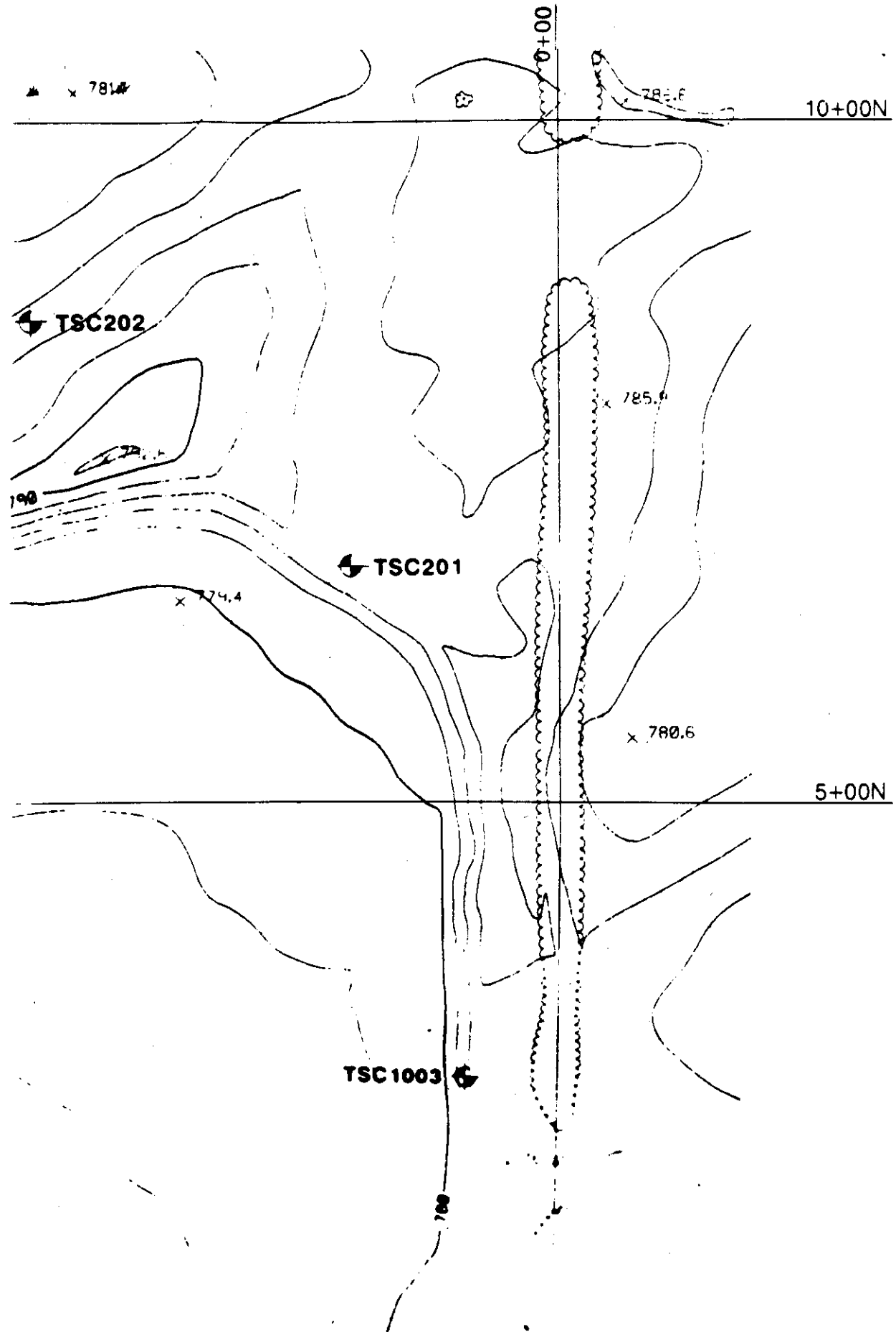
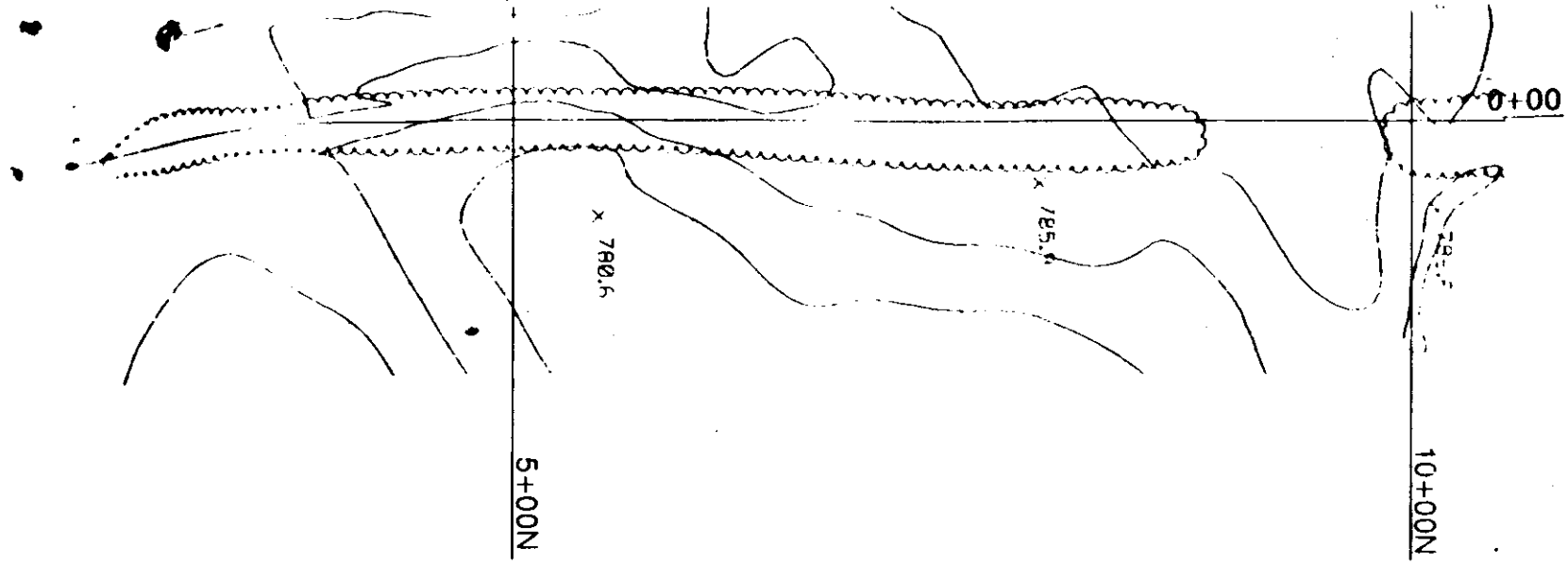
774.4


0+00
10+00N
5+00N
TSC202
TSC201
TSC1003
785.6
780.6



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WARZYN ENGINEERING INC.

Designed By:

Drawn By: JC

Checked By:

Approved By:

Date:

Reference:

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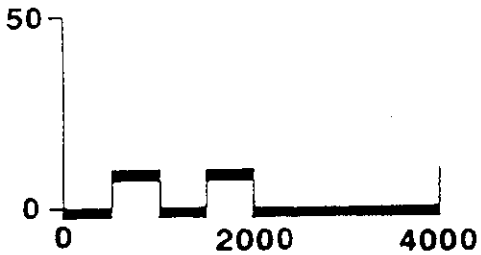

SCALE IN FEET
VERTICAL EXAGGERATION: 40 TIMES

REGIONAL GEOLOGIC CROSS SECTION

PRELIMINARY SITE EVALUATION REPORT

H.O.D. LANDFILL RI/FS

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Sheet Number 5 OF

Drawing Number 60953

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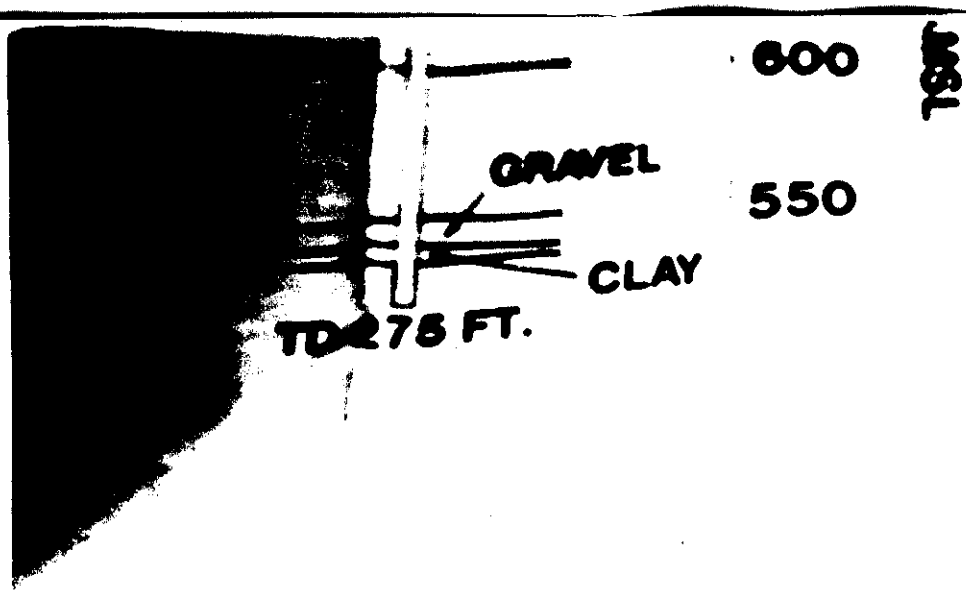
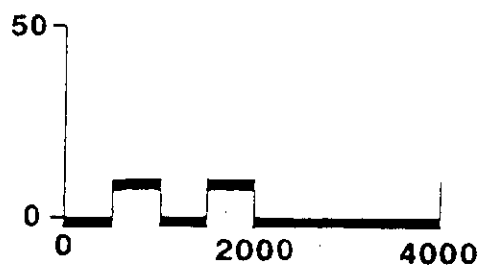
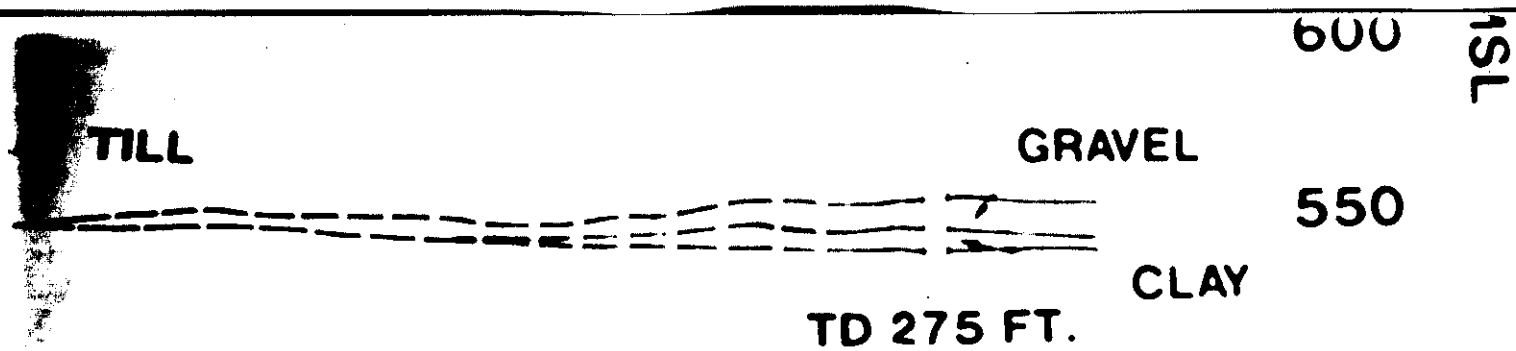
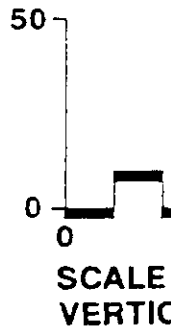




SCALE IN FEET
VERTICAL EXAGGERATION: 40 TIMES


600
MSL
TILL
GRAVEL
550
CLAY
TD 275 FT.


50
0
0
SCALE
VERTIC

RED CLAY TILL

G

TD 275 FT

C CROSS SECTION DEVELOPED
REGIONAL GEOLOGIC CROSS
. E. LAMOREAUX AND ASSOCIATES,

PRIVATE WATER SUPPLY WELL
CONTAINED IN APPENDIX B OF
LUATION REPORT.

ARE DASHED WHERE INFERRED.

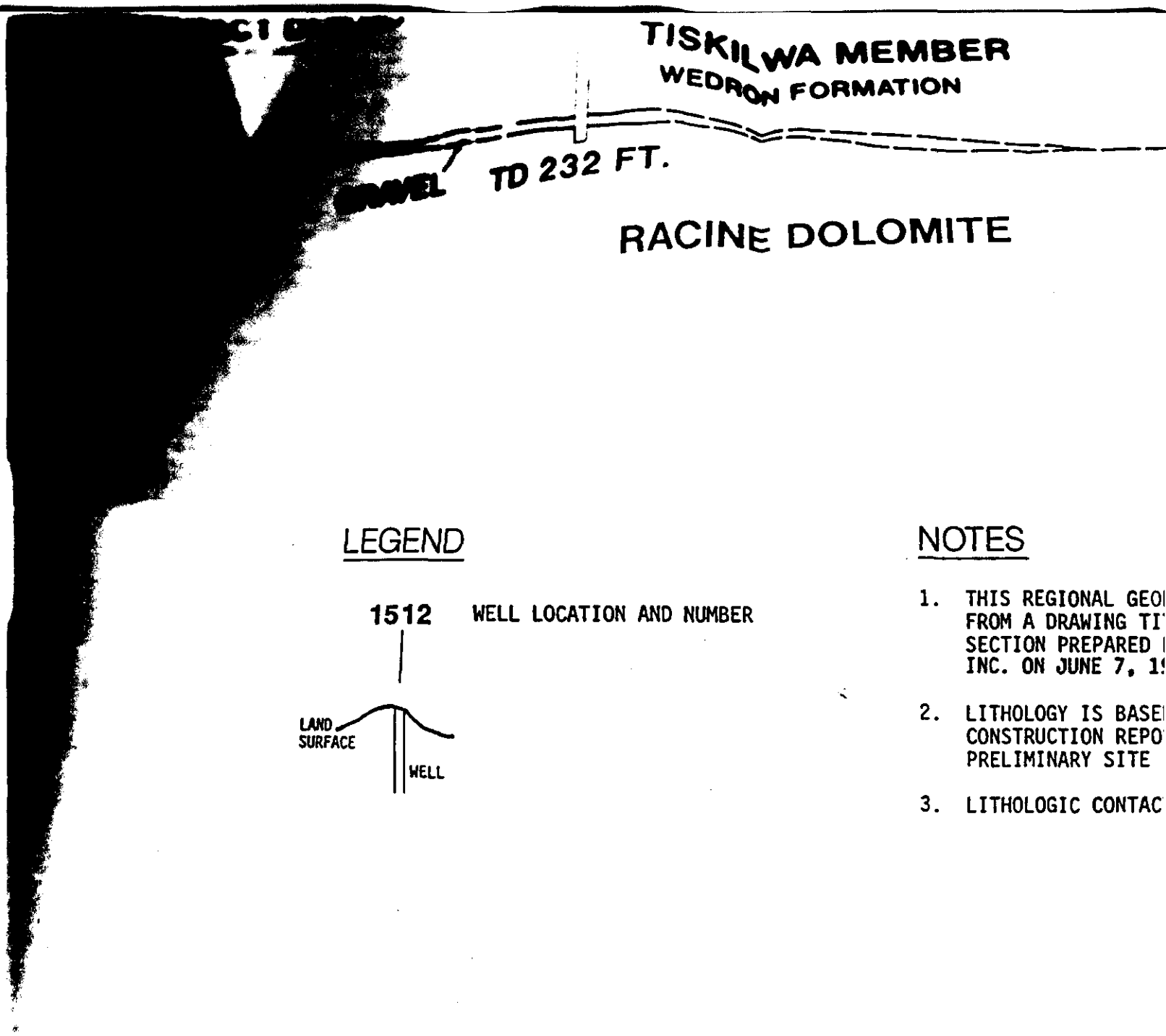
RED CLAY TILL

NOTES

1. THIS REGIONAL GEOLOGIC CROSS SECTION DEVELOPED FROM A DRAWING TITLED REGIONAL GEOLOGIC CROSS SECTION PREPARED BY P. E. LAMOREAUX AND ASSOCIATES, INC. ON JUNE 7, 1990.

2. LITHOLOGY IS BASED ON PRIVATE WATER SUPPLY WELL CONSTRUCTION REPORTS CONTAINED IN APPENDIX B OF PRELIMINARY SITE EVALUATION REPORT.

3. LITHOLOGIC CONTACTS ARE DASHED WHERE INFERRED.



LEGEND

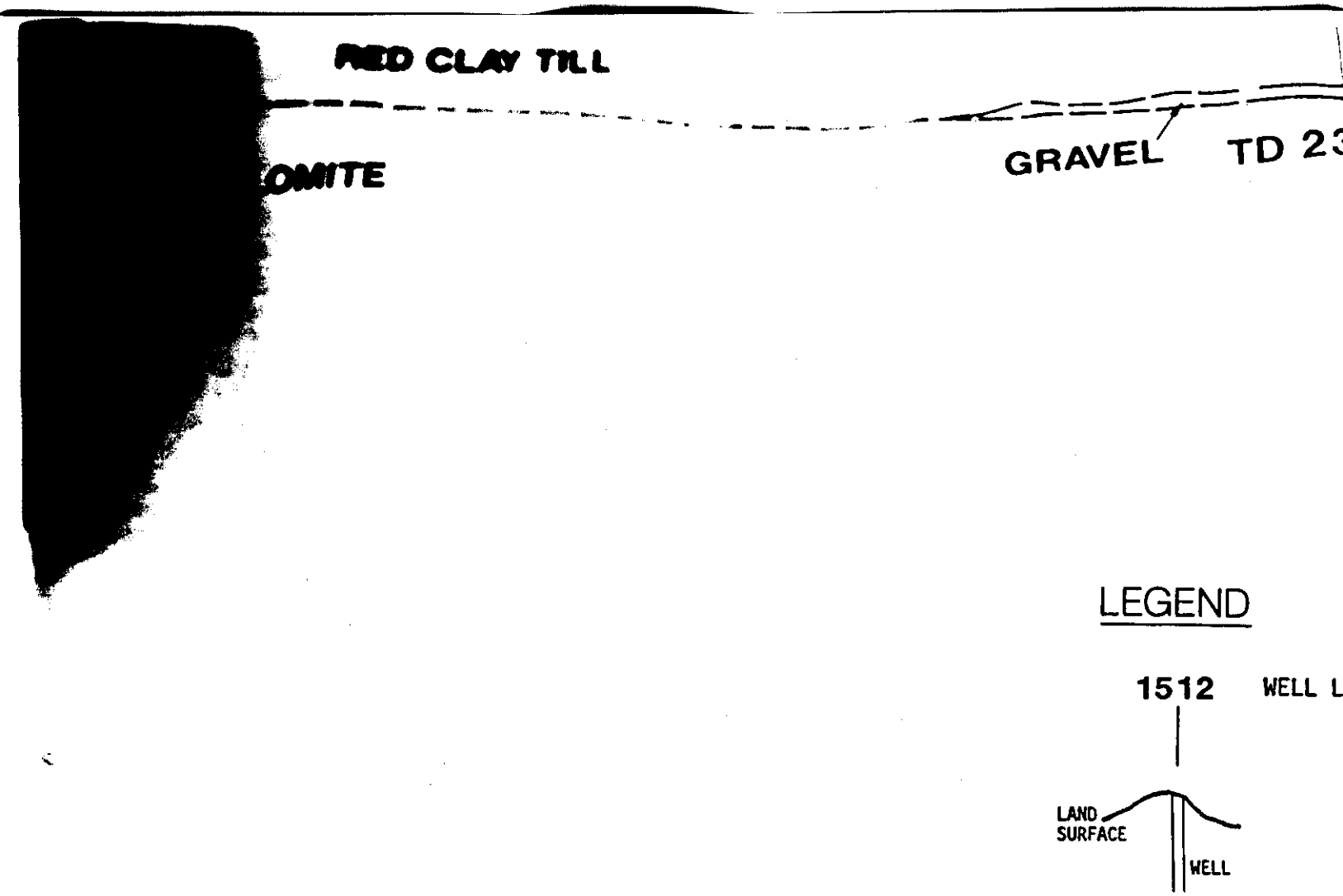
1512 WELL LOCATION AND NUMBER

LAND SURFACE

WELL

NOTES

1. THIS REGIONAL GEO
   FROM A DRAWING TI
   SECTION PREPARED
   INC. ON JUNE 7, 1
2. LITHOLOGY IS BASE
   CONSTRUCTION REPO
   PRELIMINARY SITE
3. LITHOLOGIC CONTAC

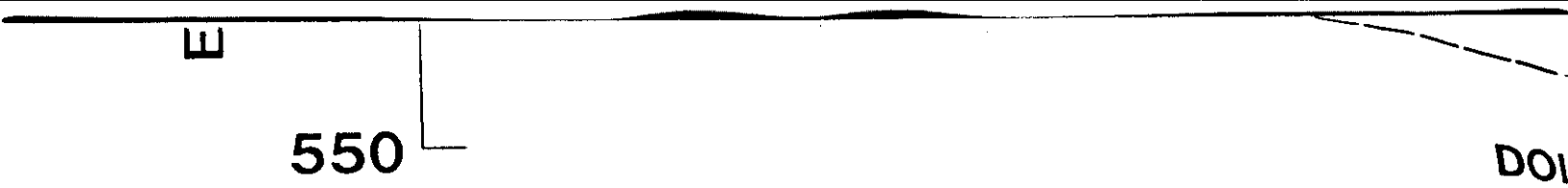

RED CLAY TILL
OMITE
GRAVEL
TD 23
LEGEND
1512
WELL L
LAND SURFACE
WELL

DOLOMITE

Audit	
Overlay	
Screen	

E

550


E
550
DO

REGIONAL GEOLOGIC

AL GEOLOGIC CROSS S

LOGIC CROSS SECTION

SECTION

WARZYN

WARZYN ENGINEERING INC.

Designed By: AJS

Drawn By: PELA/LCL

Checked By: RJM

Approved By: Gary E. Parker

Date: 10/24/90

Reference:

File Path:

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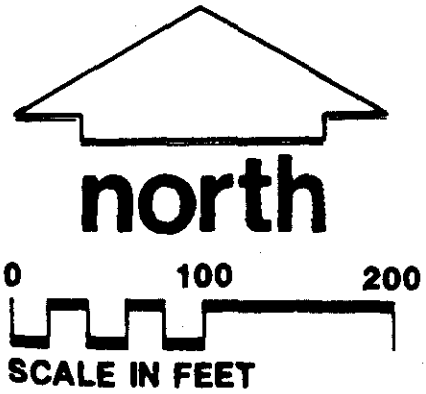
THE WESTERN PORTION OF THE NEW LANDFILL RECEIVED A FULL DEPTH PERIMETER CLAY SEAL ALONG THE SOUTHERN BOUNDARY. THIS SEAL WAS TIED INTO THE NATURAL UNDERLYING CLAY AND WAS EXTENDED UPWARD AND TIED II..O THE CLAY CAP.

5. BOTTOM SEAL IN NEW LANDFILL WAS TO CONSIST OF AT LEAST 10 FEET OF NATURAL CLAY OR 6 FEET OF COMPACTED CLAY. PERIMETER SEAL WAS TO CONSIST OF A 12 FOOT WIDE COMPACTED CLAY WALL EXTENDING FROM THE BOTTOM CLAY SEAL TO THE CLAY CAP. FOR FURTHER DETAILS REFER TO SECTION 3.3.2 OF TEXT.



SURFICIAL SAND ISOPACH MAP

PRELIMINARY SITE EVALUATION REPORT

H.O.D. LANDFILL RI/FS

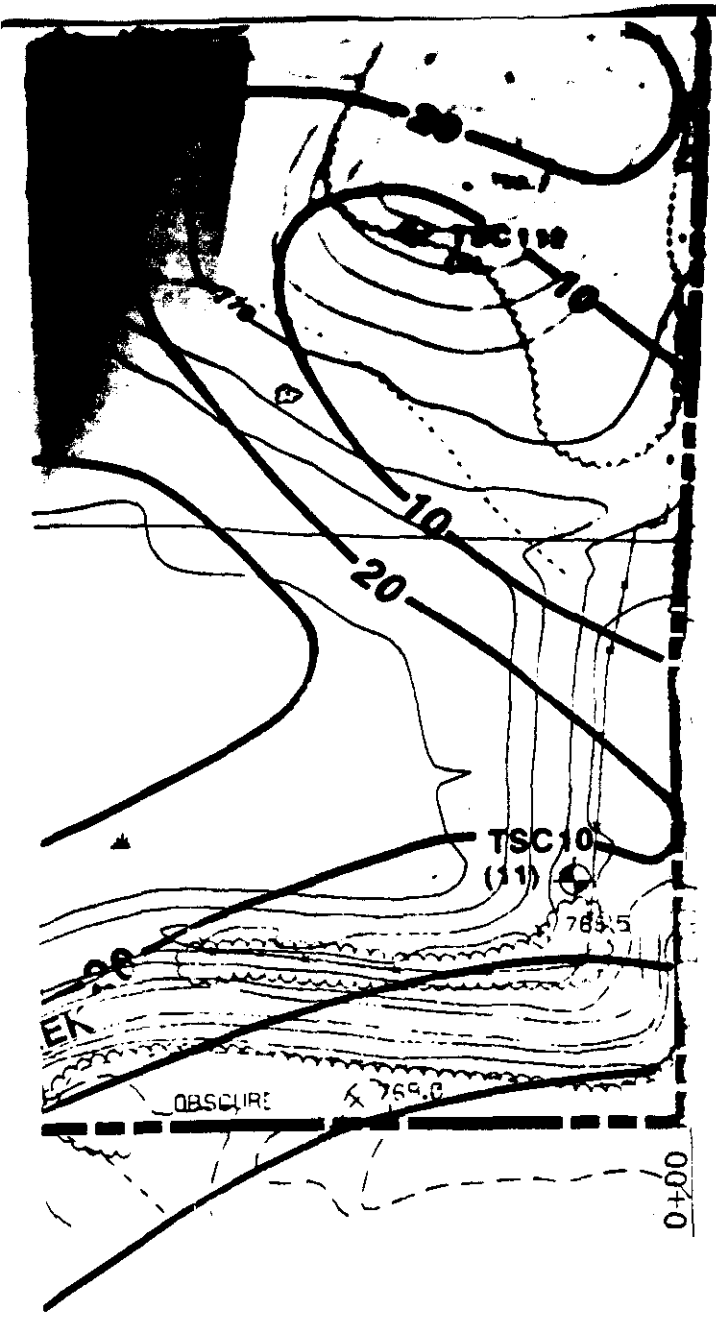
ANTIOCH, ILLINOIS

Printed

Sheet Number 6 OF 10

Project Number 60953 F6

WARZYN



[illegible]

3. SURFICIAL SAND THICKNESSES ARE BASED ON THE THICKNESS OF SAND ENCOUNTERED IN SURFACE. IN THE NEW LANDFILL AREA THE SURFICIAL SAND WAS EXCAVATED AND BOTTOM AND PERIMETER CLAY SEALS PLACED. THEREFORE SURFICIAL SAND THICKNESS SHOWN IN THIS AREA REPRESENTS PRE-DEVELOPMENT CONDITIONS. SEE NOTE 4.

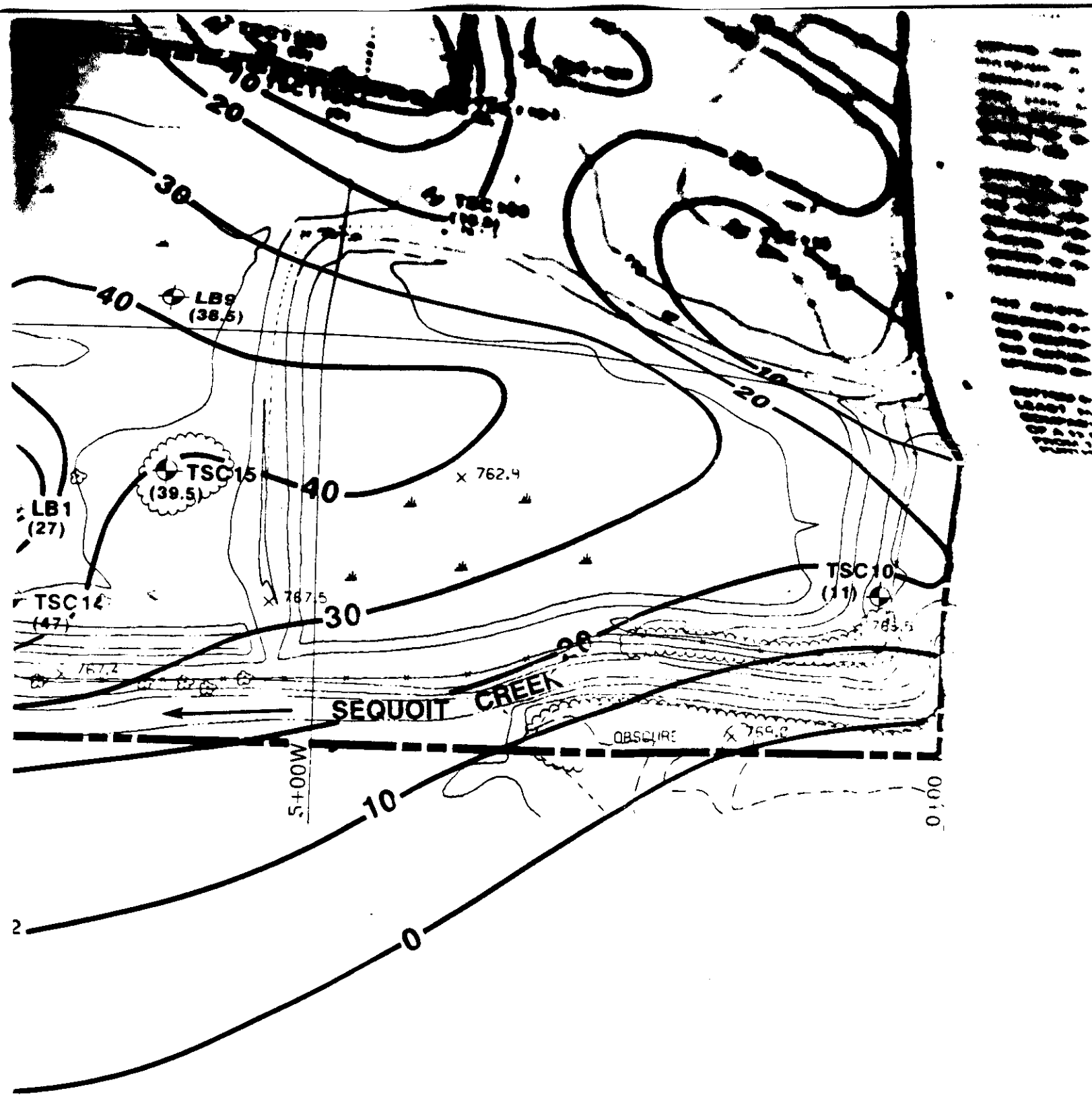
4. THE WESTERN PORTION OF THE NEW LANDFILL RECEIVED A FULL DEPTH PERIMETER CLAY SEAL ALONG THE SOUTHERN BOUNDARY. THIS SEAL WAS TIED INTO THE NATURAL UNDERLYING CLAY AND WAS EXTENDED UPWARD AND TIED INTO THE CLAY CAP.

5. BOTTOM SEAL IN NEW LANDFILL WAS TO CONSIST OF AT LEAST 10 FEET OF NATURAL CLAY OR 6 FEET OF COMPACTED CLAY. PERIMETER SEAL WAS TO CONSIST OF A 12 FOOT WIDE COMPACTED CLAY WALL EXTENDING FROM THE BOTTOM CLAY SEAL TO THE CLAY CAP. FOR FURTHER DETAILS REFER TO SECTION 3.3.2 OF TEXT.

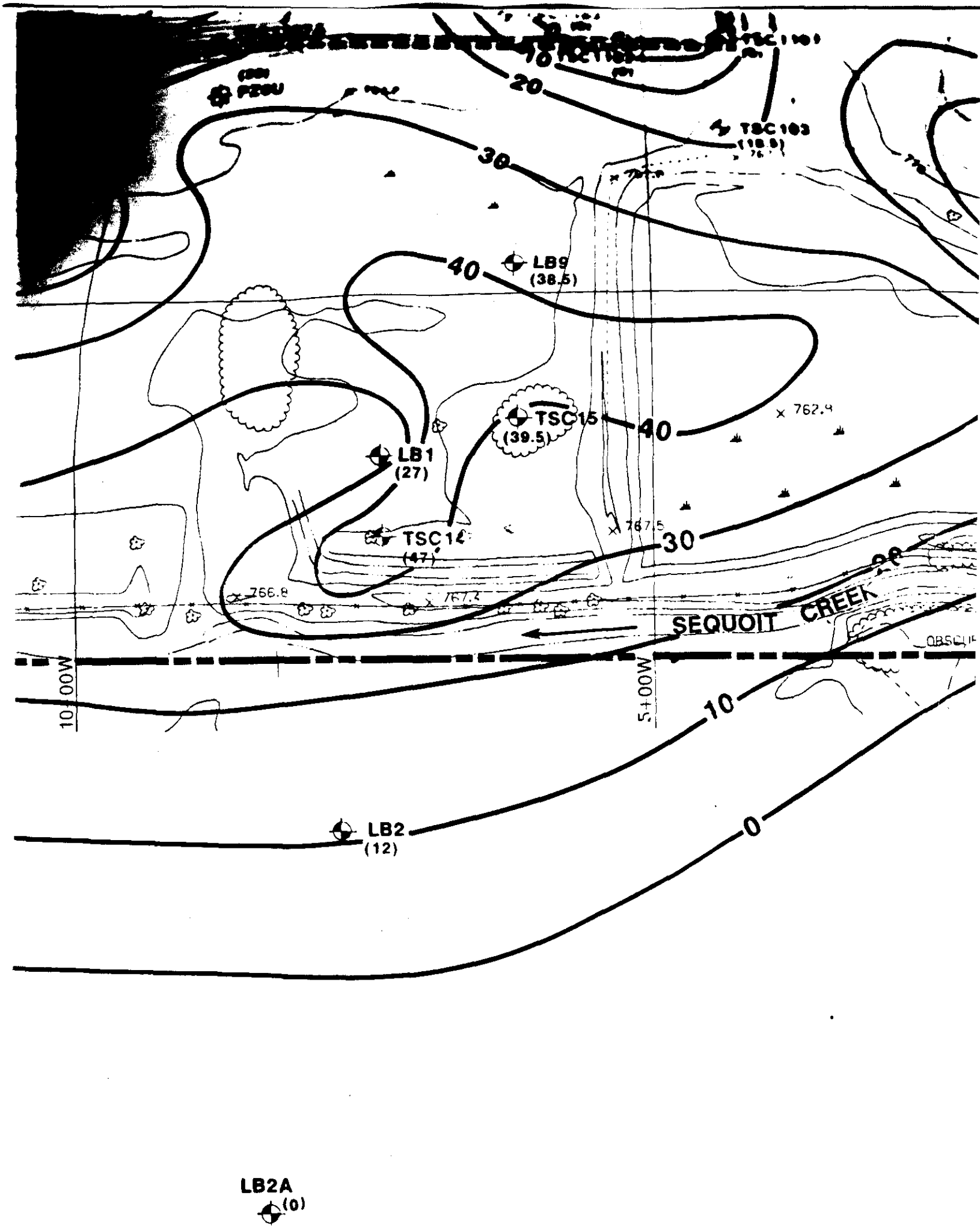
north

0 100 200

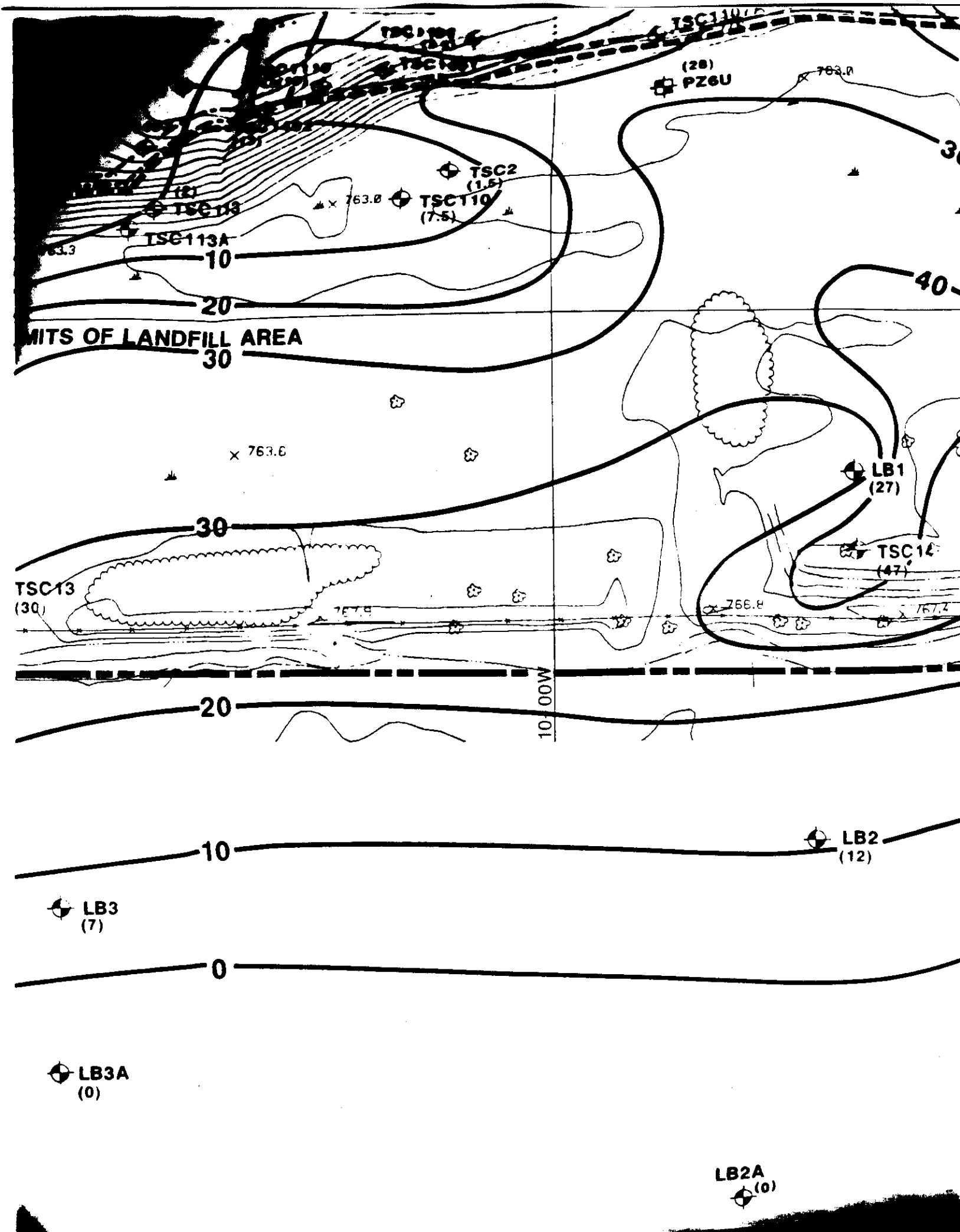
SCALE IN FEET



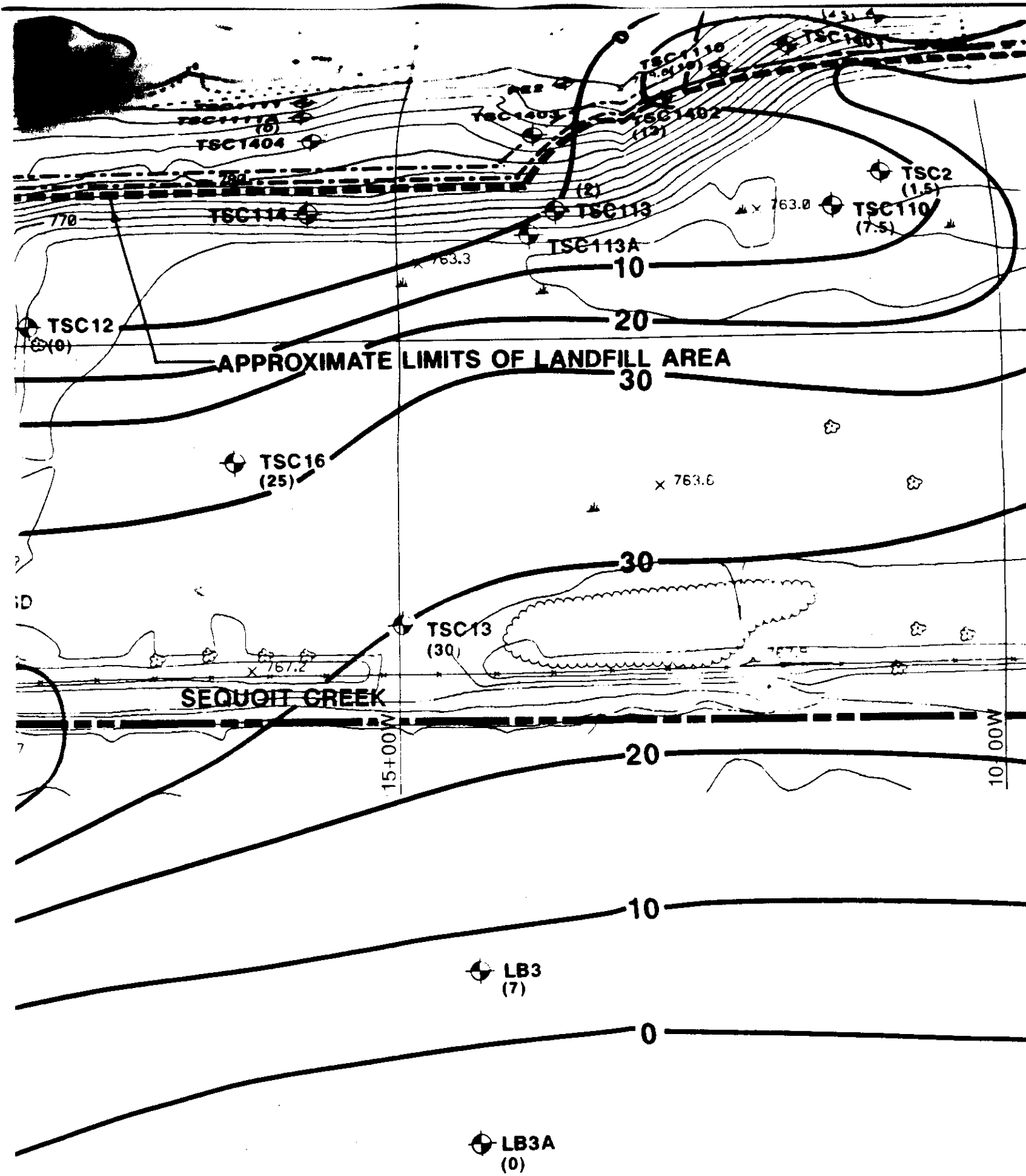
LB9
(38.5)
TSC15
(39.5)
LB1
(27)
TSC14
(47)
TSC10
(11)
762.4
767.5
767.2
SEQUOIT CREEK
OBSCURE
5+00W
0+00
10
20
30
40
0



PZ0U
TSC 103
(18.5)
LB9
(38.5)
TSC15
(39.5)
LB1
(27)
TSC14
(47)
762.4
767.5
766.8
SEQUOIT CREEK
10+00W
5+00W
LB2
(12)
LB2A
(0)
10
20
30
40
0



(28)
PZ6U
763.0
TSC2
(1.5)
TSC110
(7.5)
763.0
TSC113
TSC113A
10
20
MITS OF LANDFILL AREA
30
40
763.6
LB1
(27)
30
TSC14
(47)
TSC13
(30)
766.8
20
10
LB2
(12)
LB3
(7)
0
LB3A
(0)
LB2A
(0)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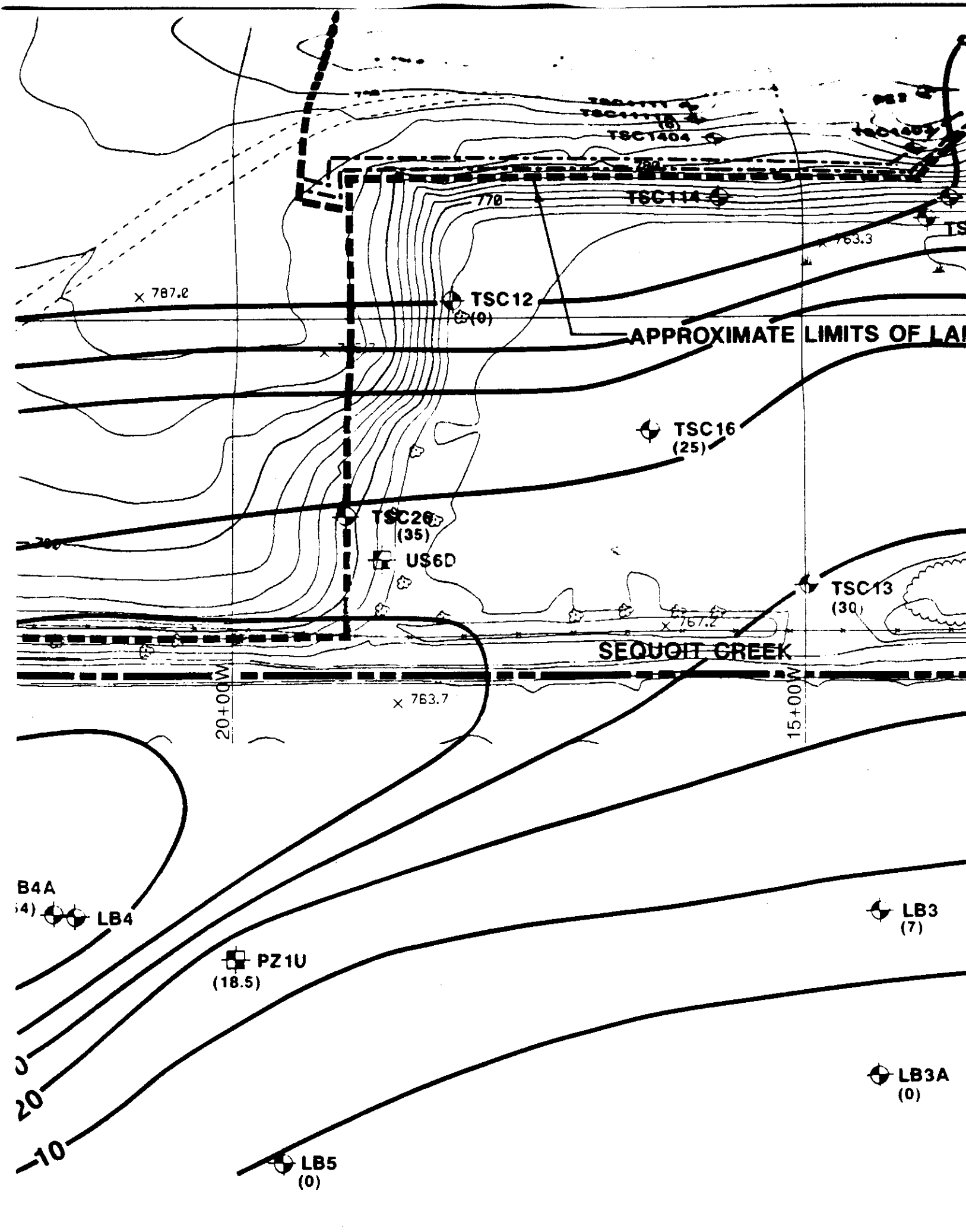
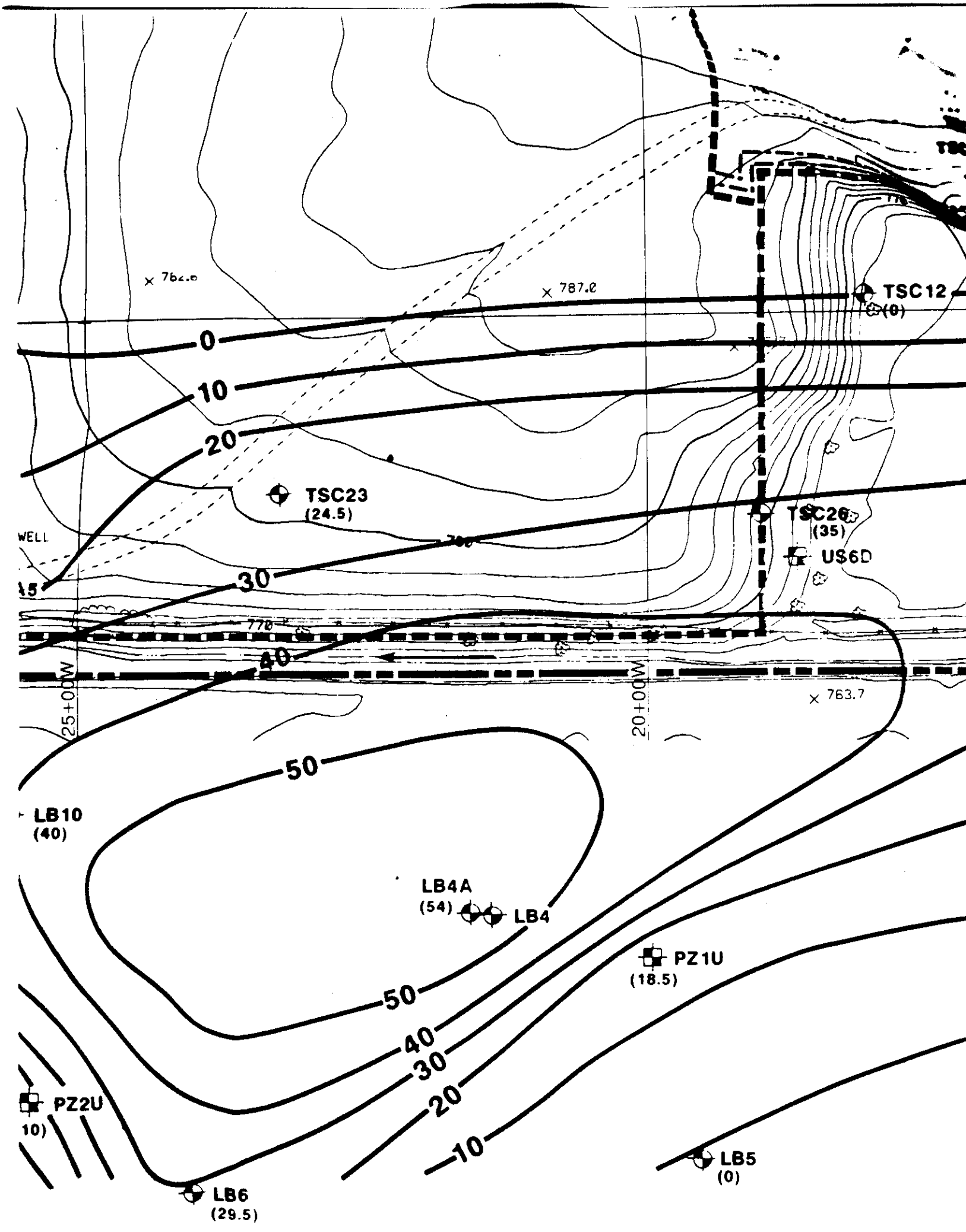
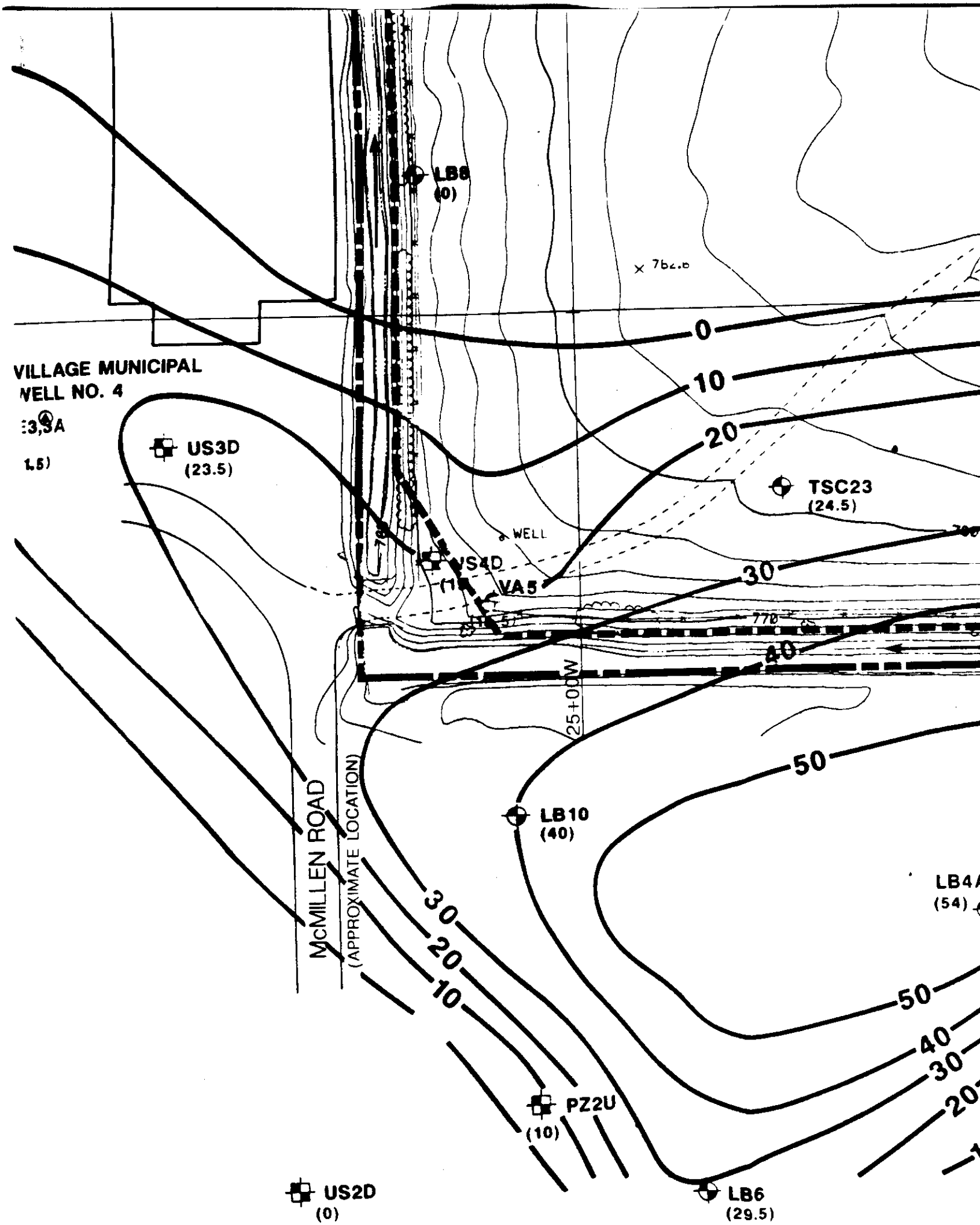
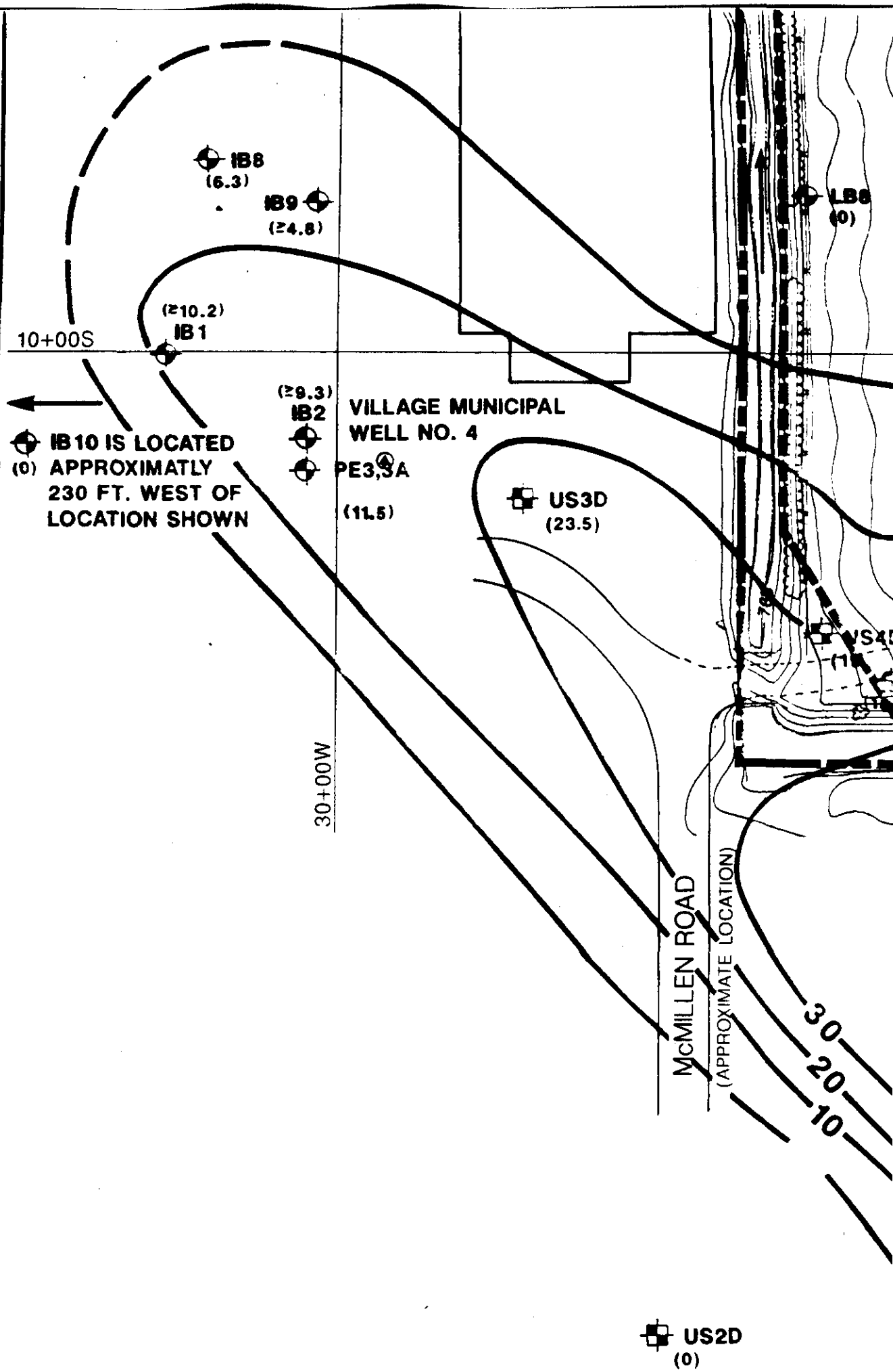
(6)
TSC1402
(12)
TSC2
(1.5)
TSC110
(7.5)
TSC113
(2)
TSC114
TSC113A
763.0
763.3
10
20
TSC12
(0)
APPROXIMATE LIMITS OF LANDFILL AREA
30
TSC16
(25)
763.6
30
TSC13
(30)
SEQUOIT CREEK
15+00W
10+00W
20
10
LB3
(7)
0
LB3A
(0)


TSC1404
TSC114
770
763.3
787.0
TSC12
(0)
APPROXIMATE LIMITS OF LA
TSC16
(25)
TSC26
(35)
US6D
TSC13
(30)
767.2
SEQUOIT CREEK
763.7
20+00W
15+00W
B4A
LB4
LB3
(7)
PZ1U
(18.5)
LB3A
(0)
LB5
(0)
20
10

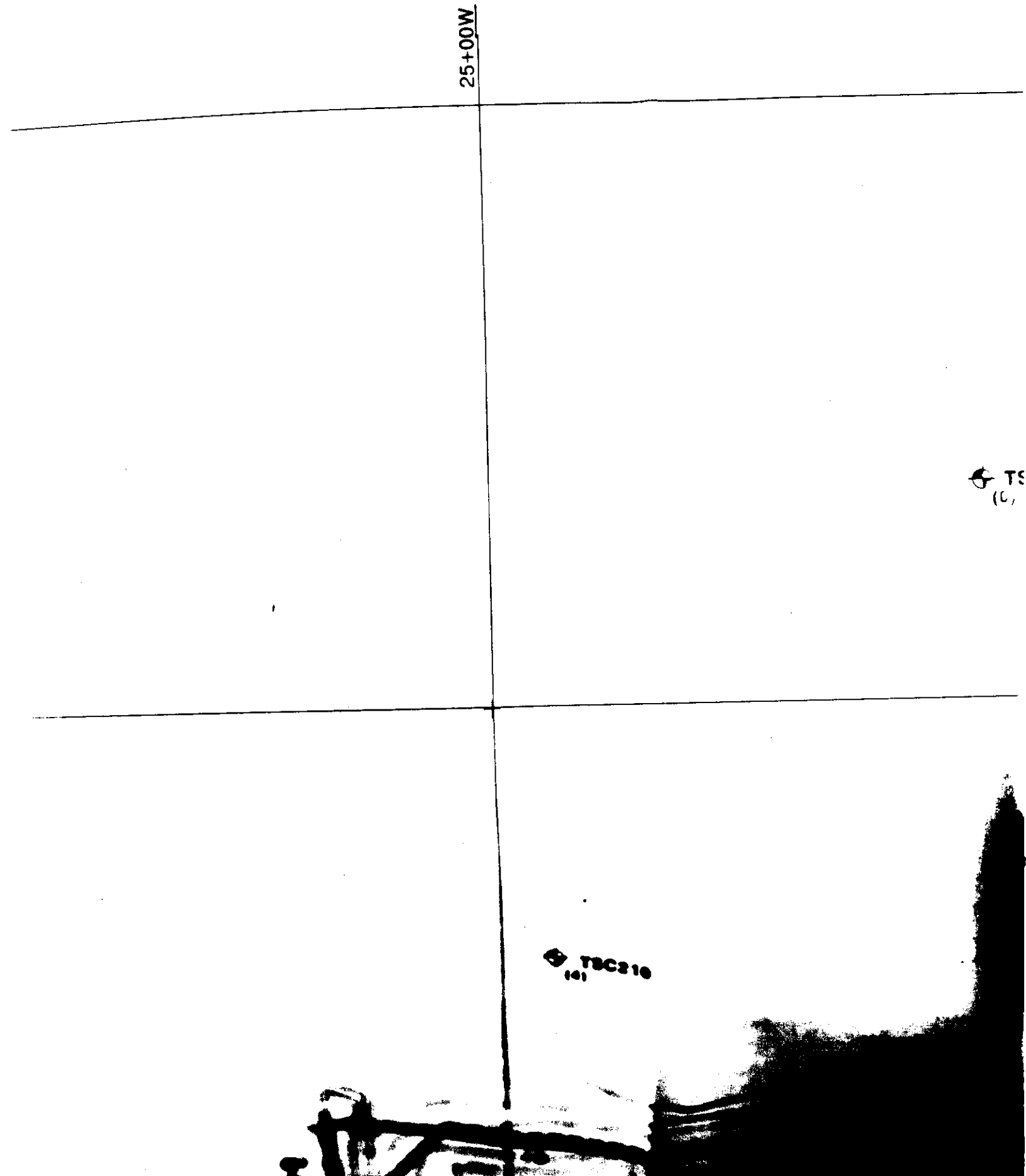

0
10
20
30
40
50
50
40
30
20
10
TSC12
(0)
TSC23
(24.5)
TSC26
(35)
US6D
LB10
(40)
LB4A
(54)
LB4
PZ1U
(18.5)
PZ2U
LB6
(29.5)
LB5
(0)
25+00W
20+00W
787.0
763.7
770
WELL


LB8
(0)
VILLAGE MUNICIPAL
WELL NO. 4
US3D
(23.5)
TSC23
(24.5)
WELL
US4D
VA5
0
10
20
30
40
50
McMILLEN ROAD
(APPROXIMATE LOCATION)
25+00W
LB10
(40)
LB4A
(54)
PZ2U
(10)
US2D
(0)
LB6
(29.5)



MASTER BLUE PRINT INC. 501728
Audit
Overlay
Screen

10+00N
5+00N
30+00W
25+00W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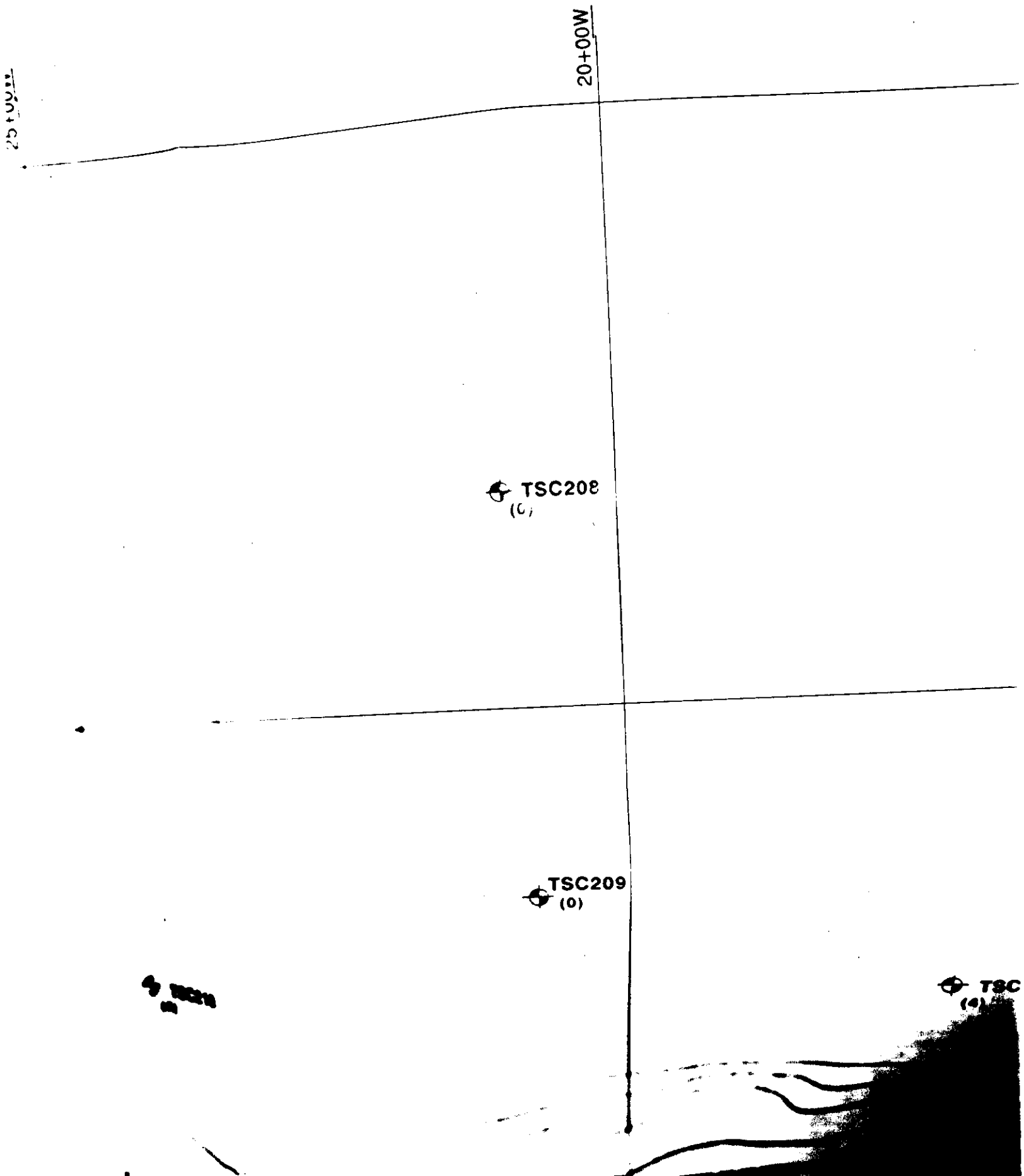
TSC210
(4)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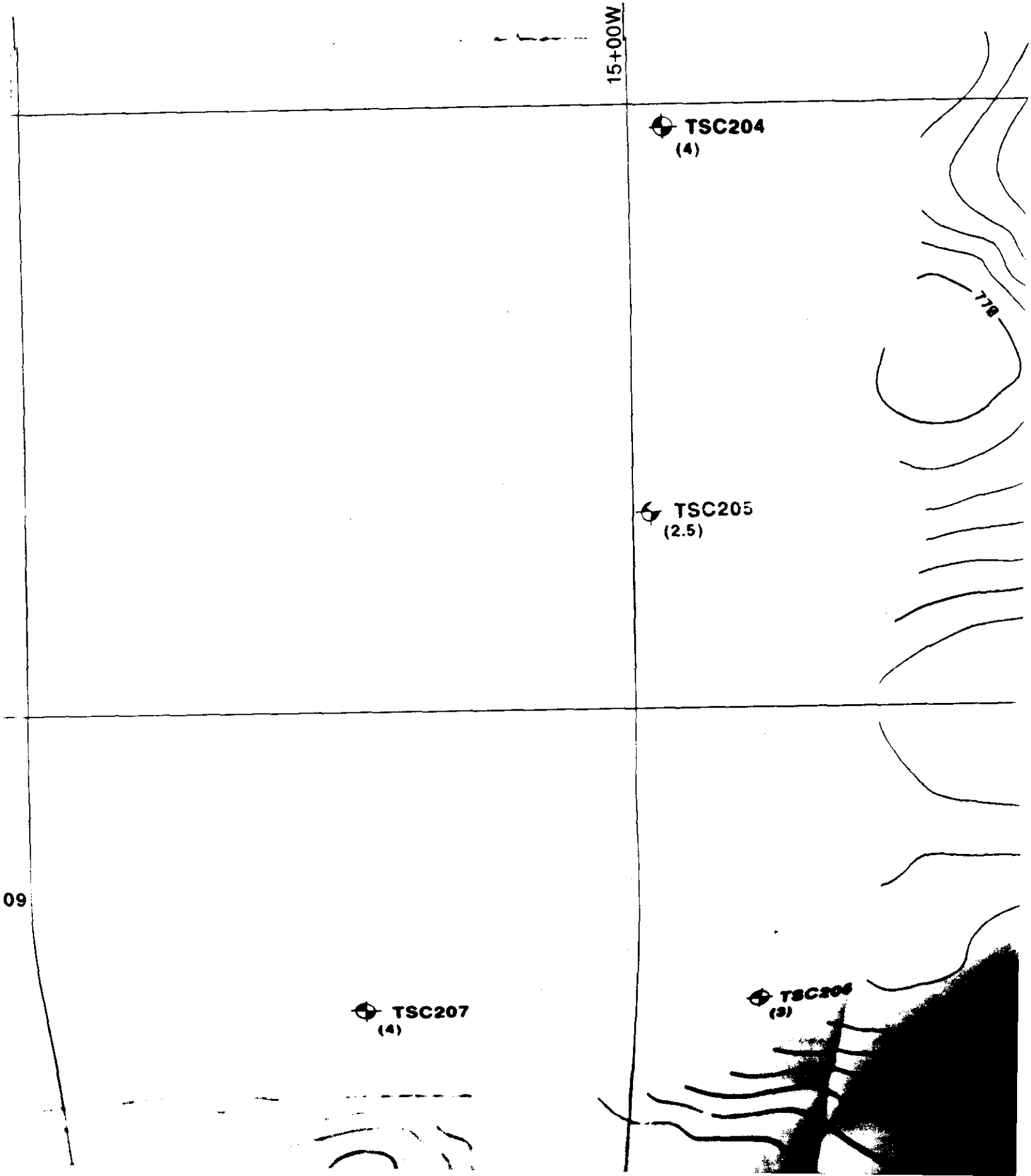
(0)
TSC209
(0)
TSC
(4)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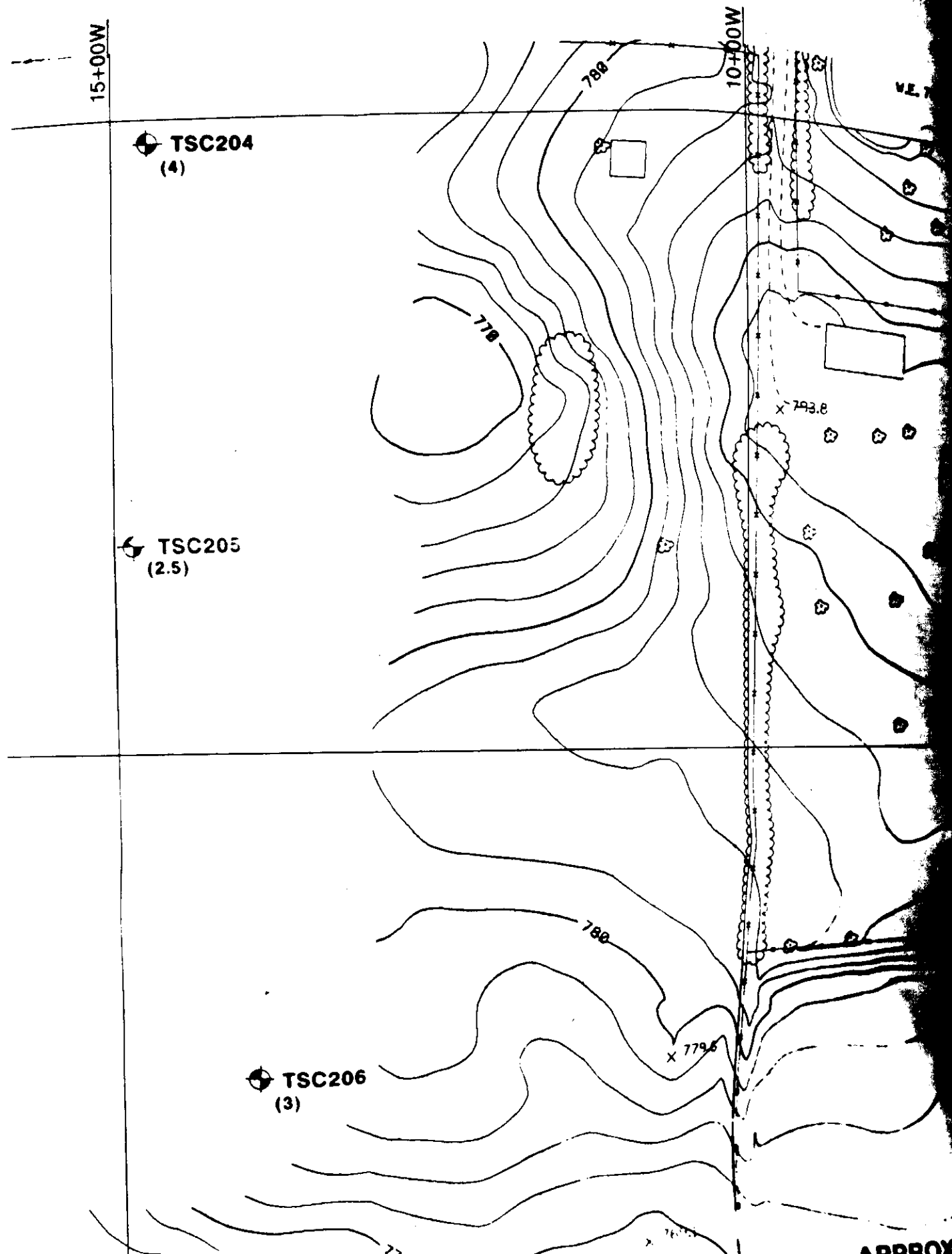
778
TSC205
(2.5)
09
TSC207
(4)
TSC206
(3)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10+00W
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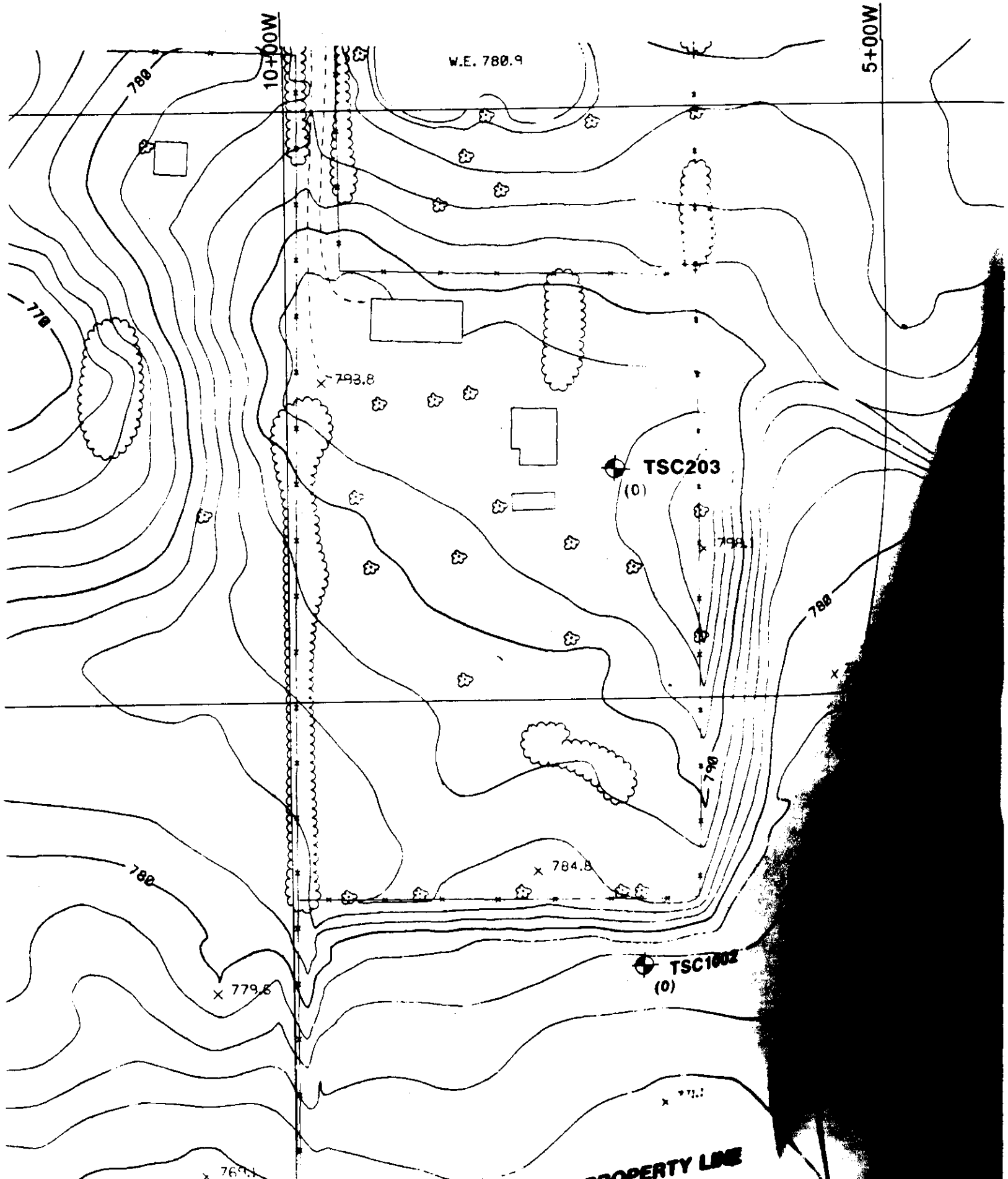
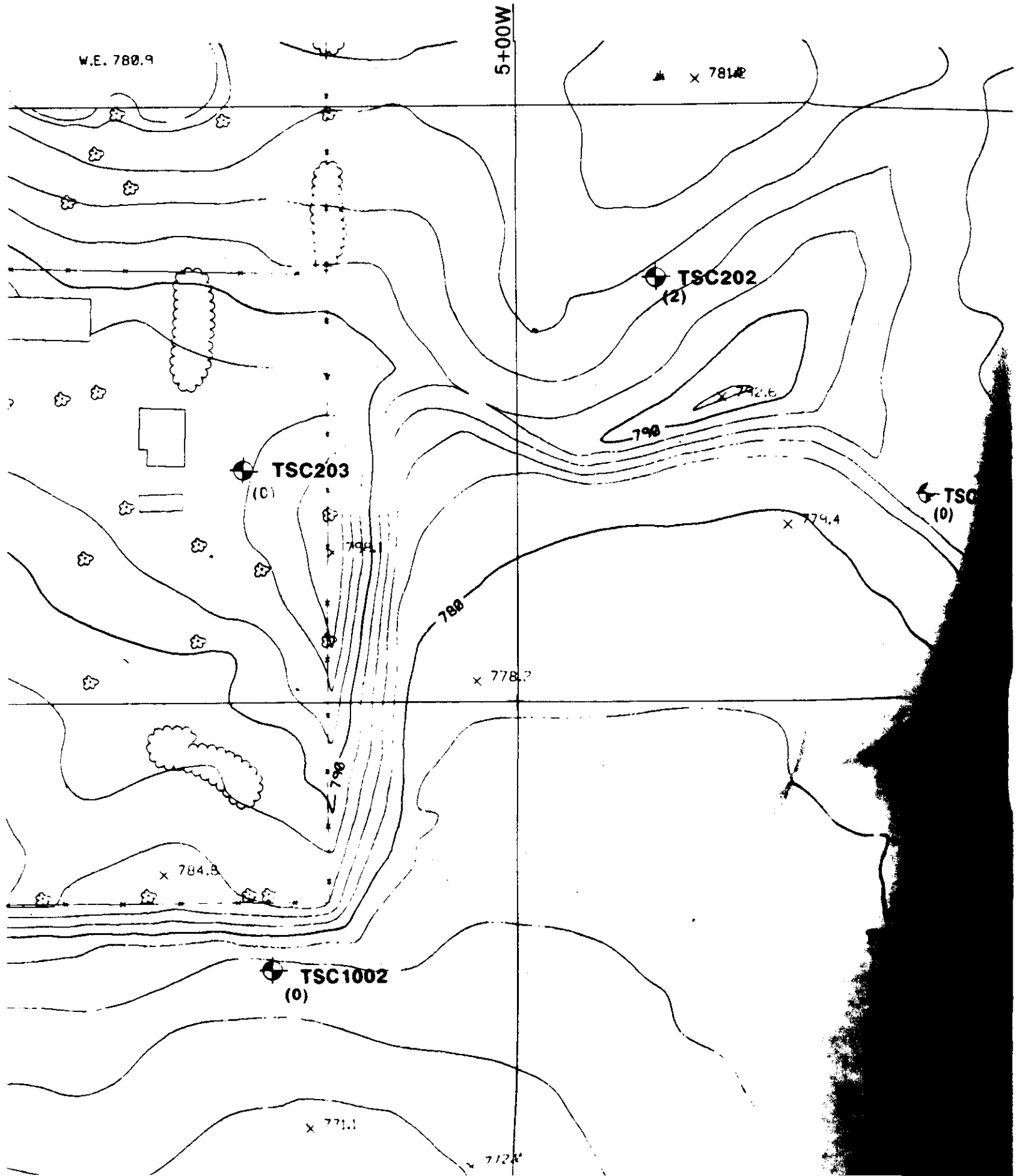
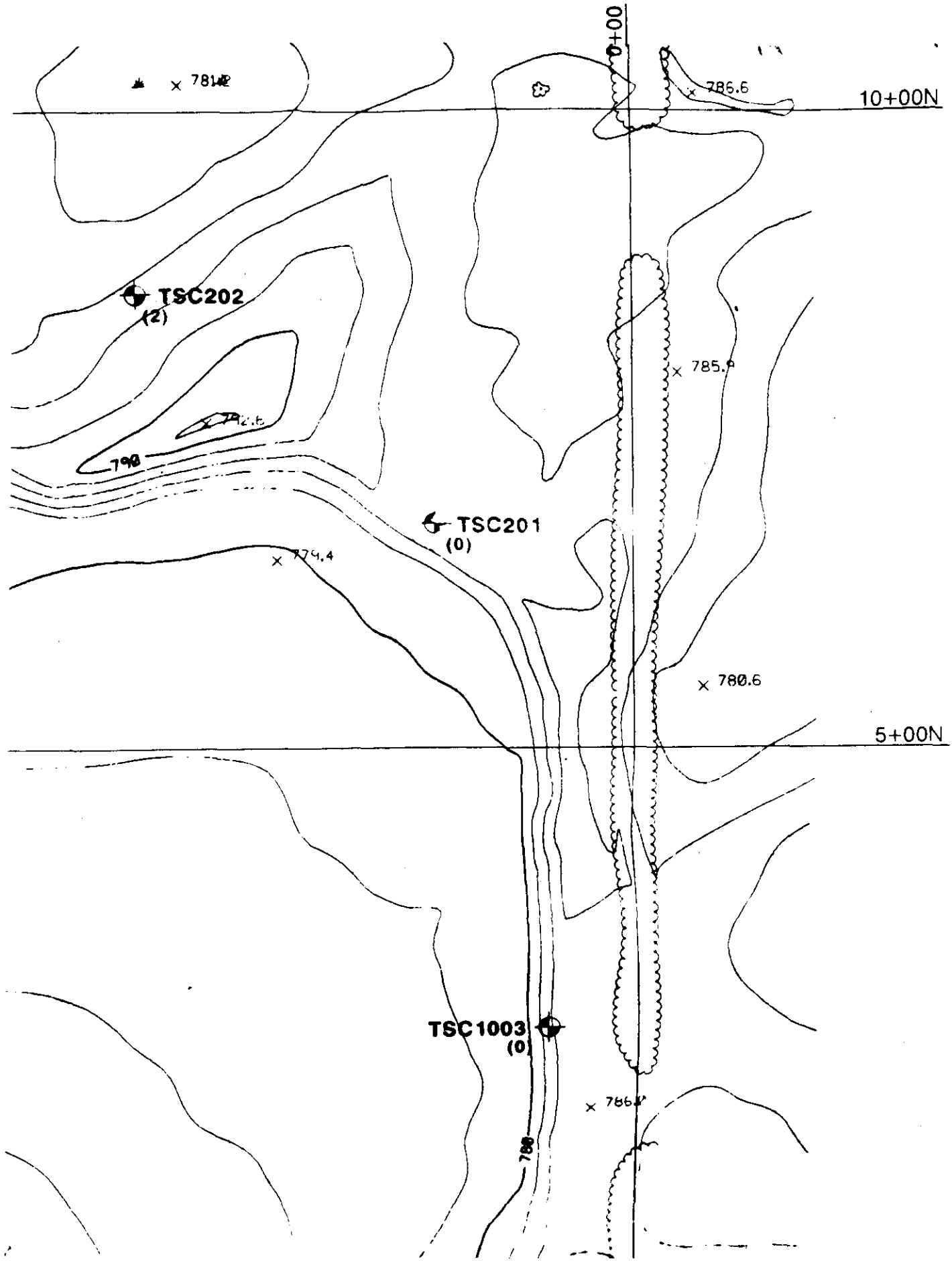
(4)
TSC205
(2.5)
TSC206
(3)
780
778
780
793.8
779.6


10+00W
5+00W
W.E. 780.9
780
770
793.8
TSC203
(0)
799.1
790
784.8
TSC1002
(0)
779.6
PROPERTY LINE


5+00W
W.E. 780.9
TSC202
(2)
TSC203
(0)
TSC
(0)
TSC1002
(0)
790
780
790
779.4
784.8


0+00
10+00N
5+00N
786.6
TSC202
(2)
785.9
790
TSC201
(0)
779.4
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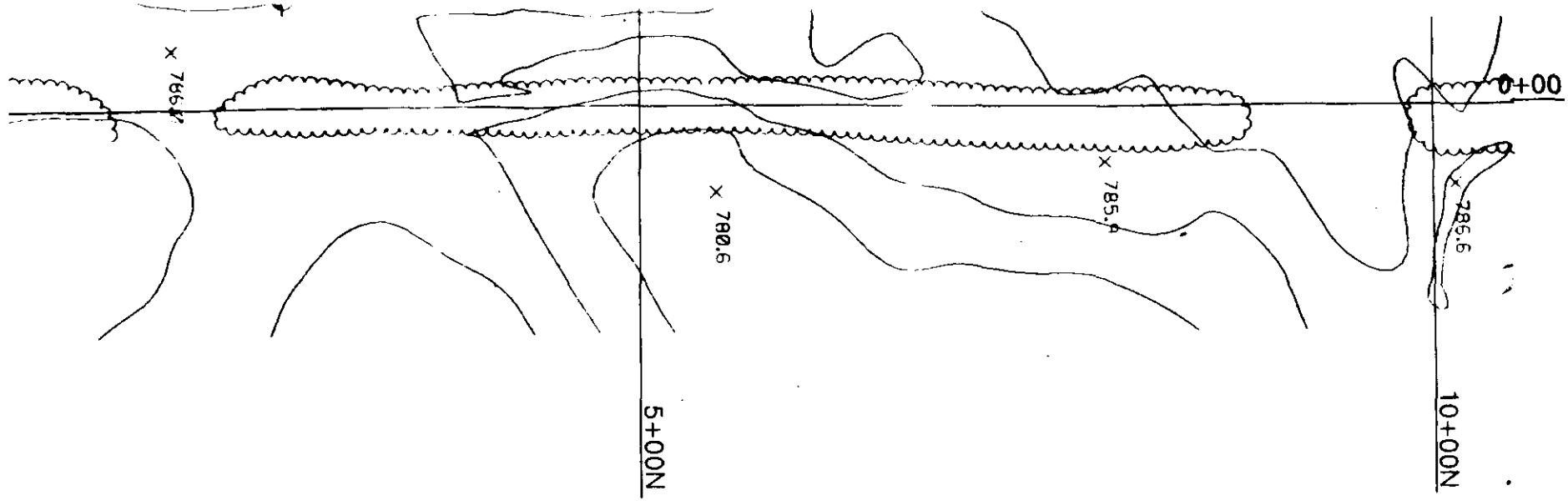
TSC1003
(0)
786.2
780



WARZYN

WARZYN ENGINEERING INC.

Designed By:

Drawn By: JC, DLF

Checked By:

Approved By:

Date:

Reference:

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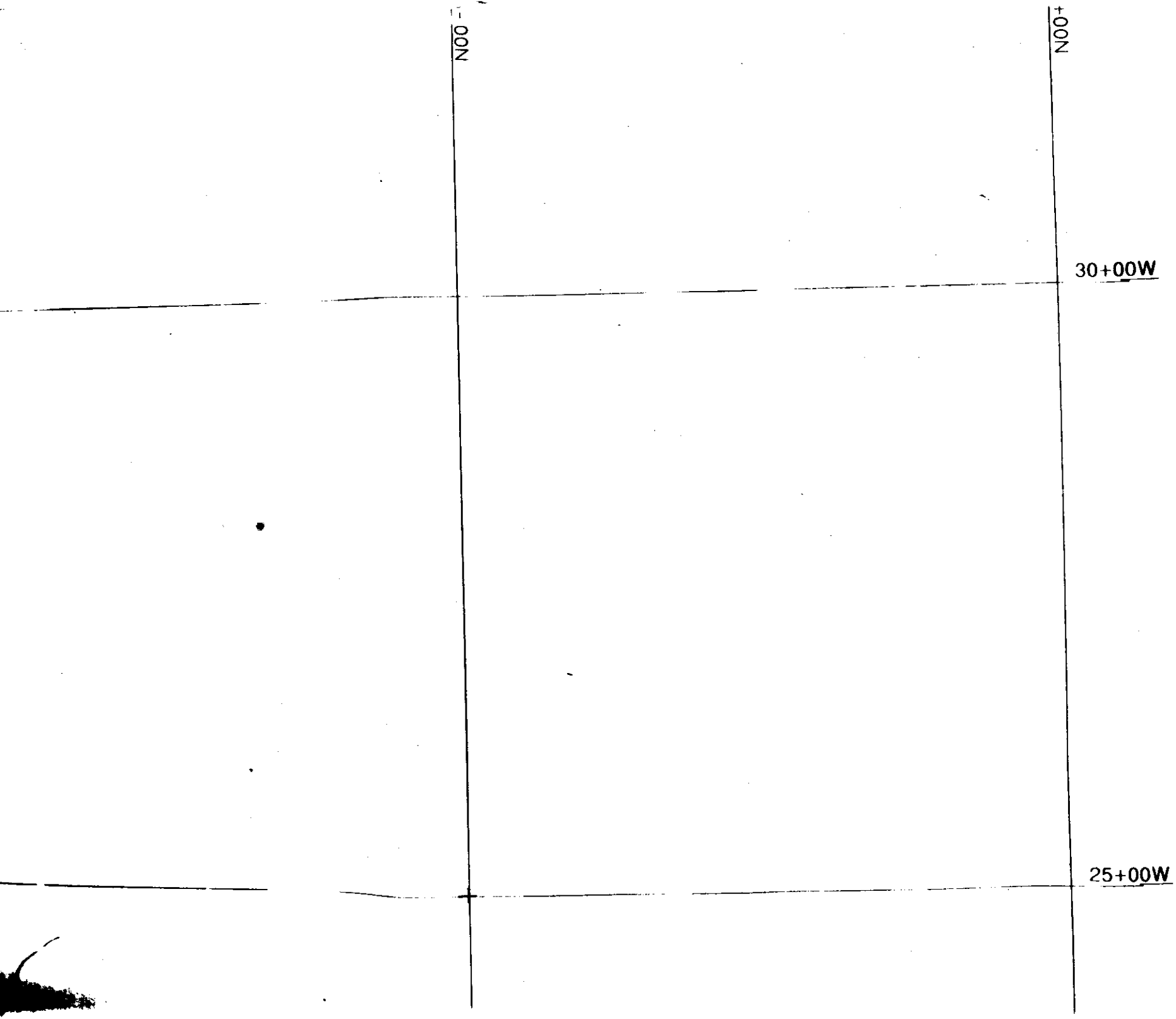
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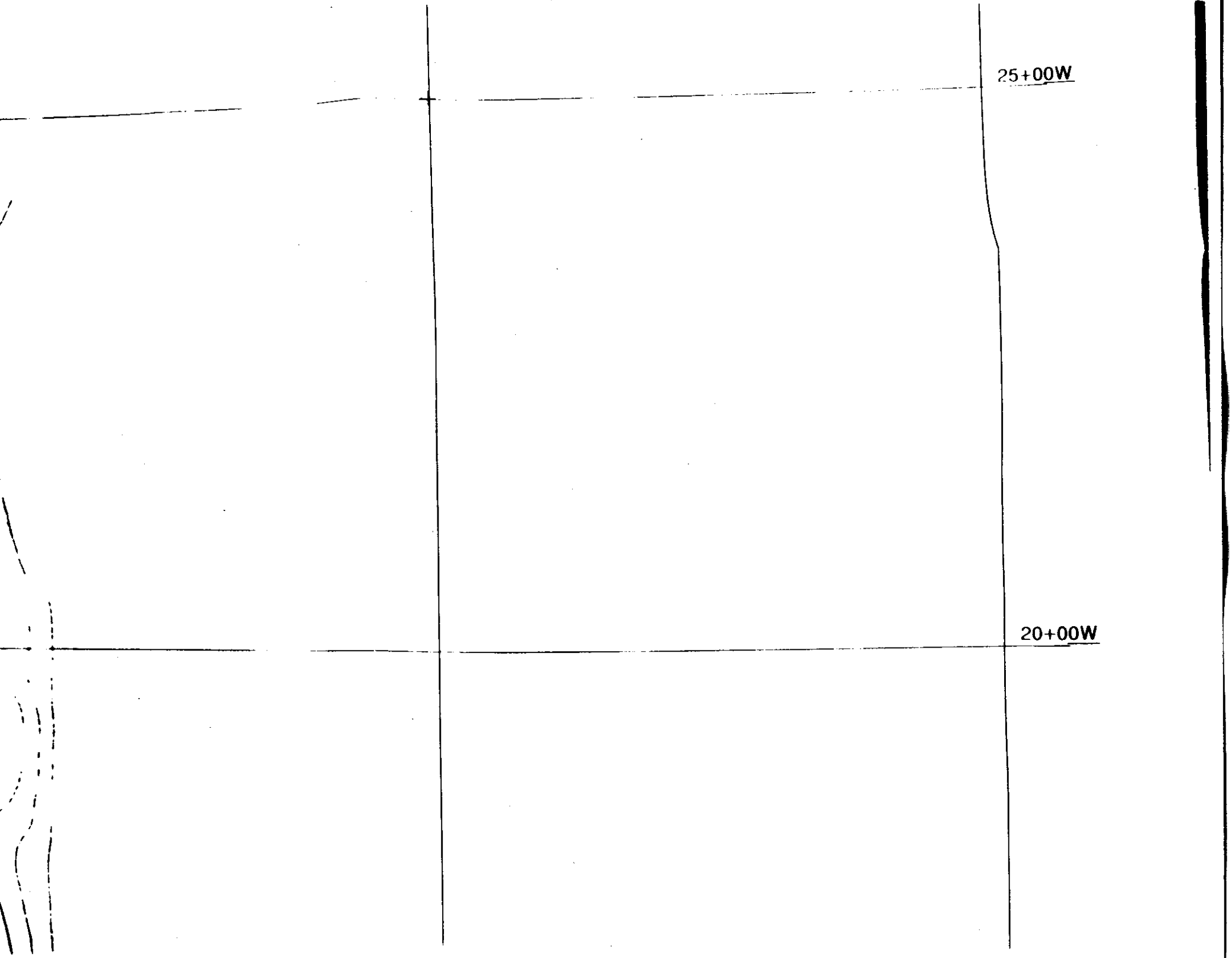
30+00W

25+00W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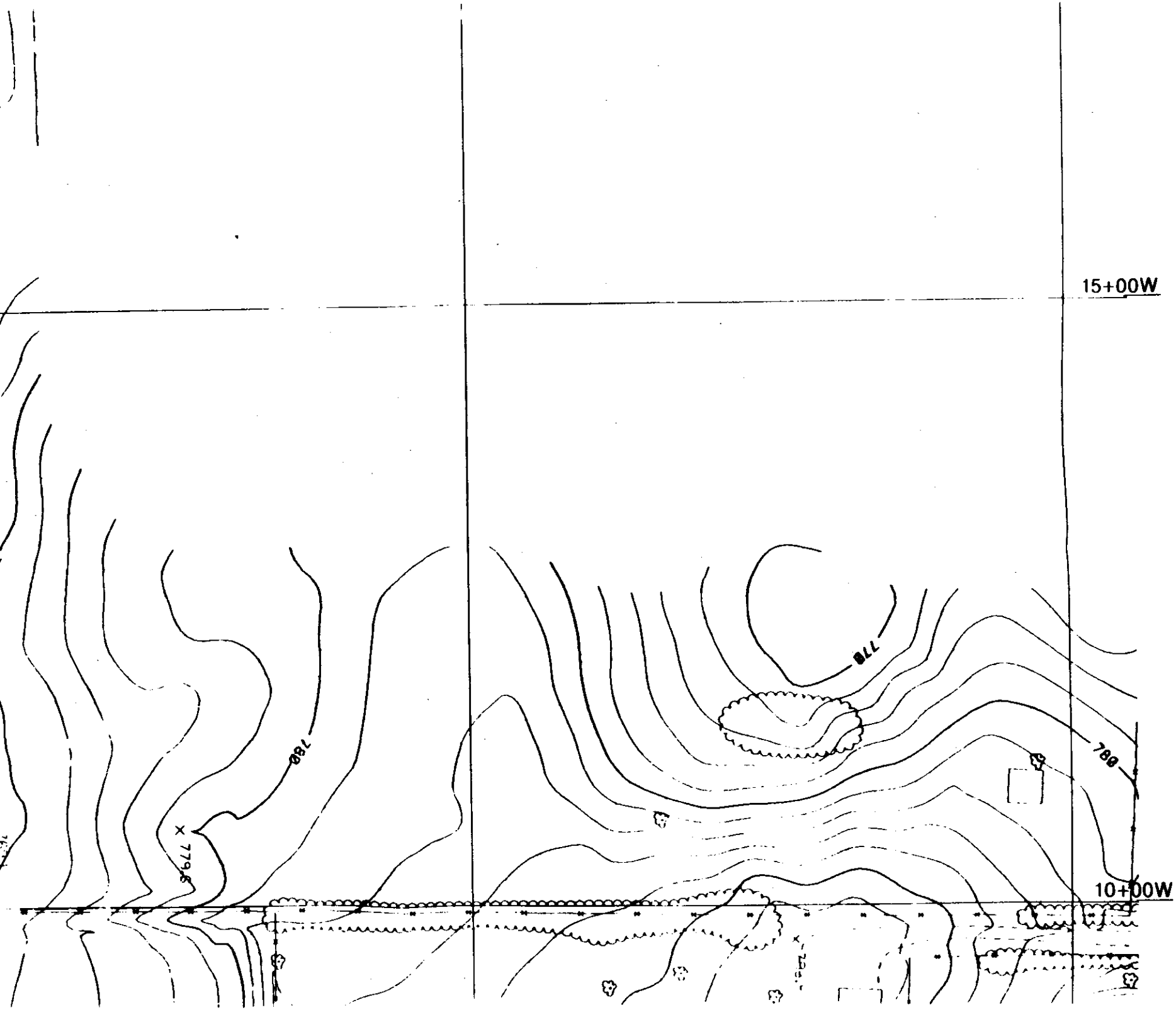
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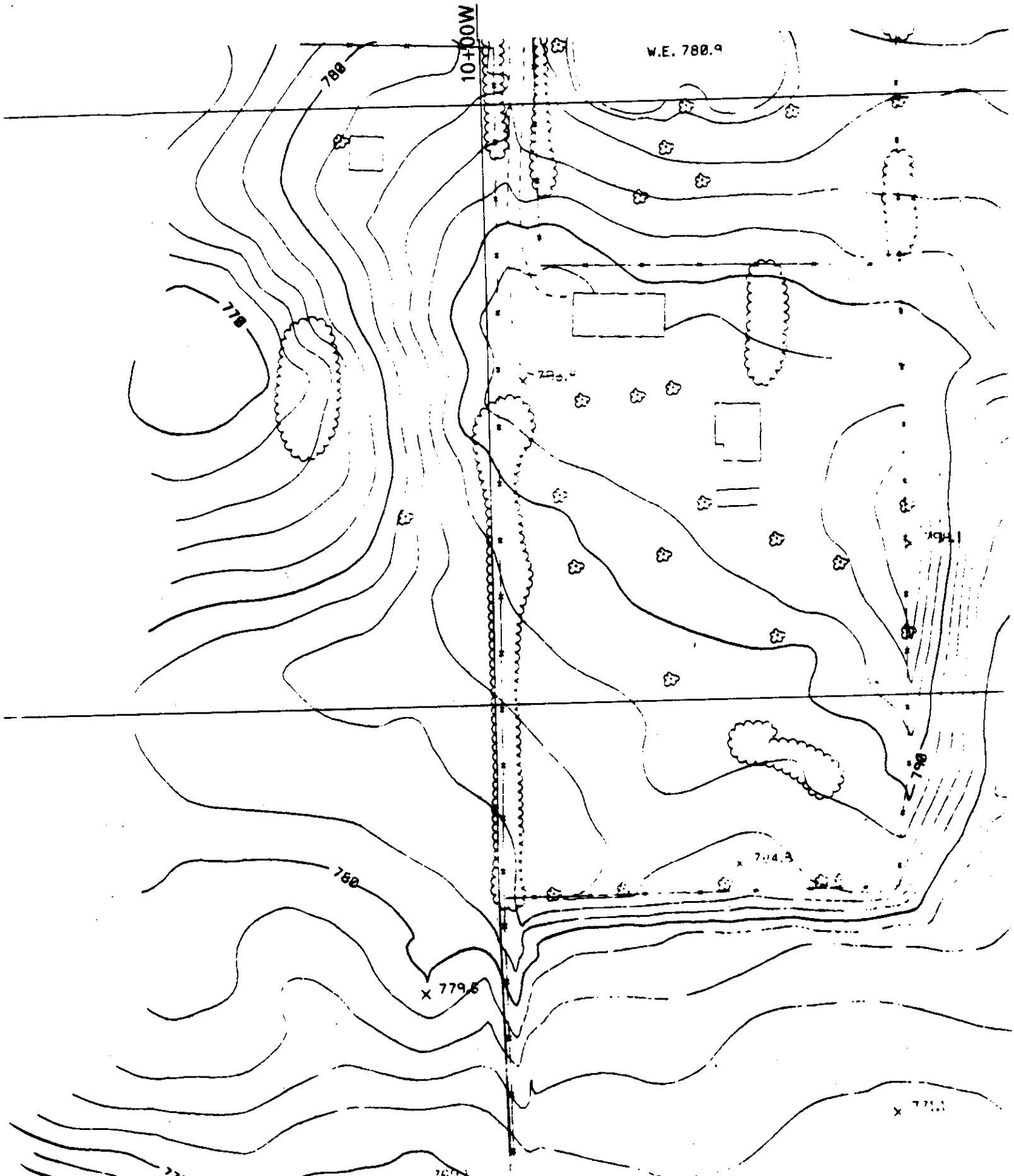
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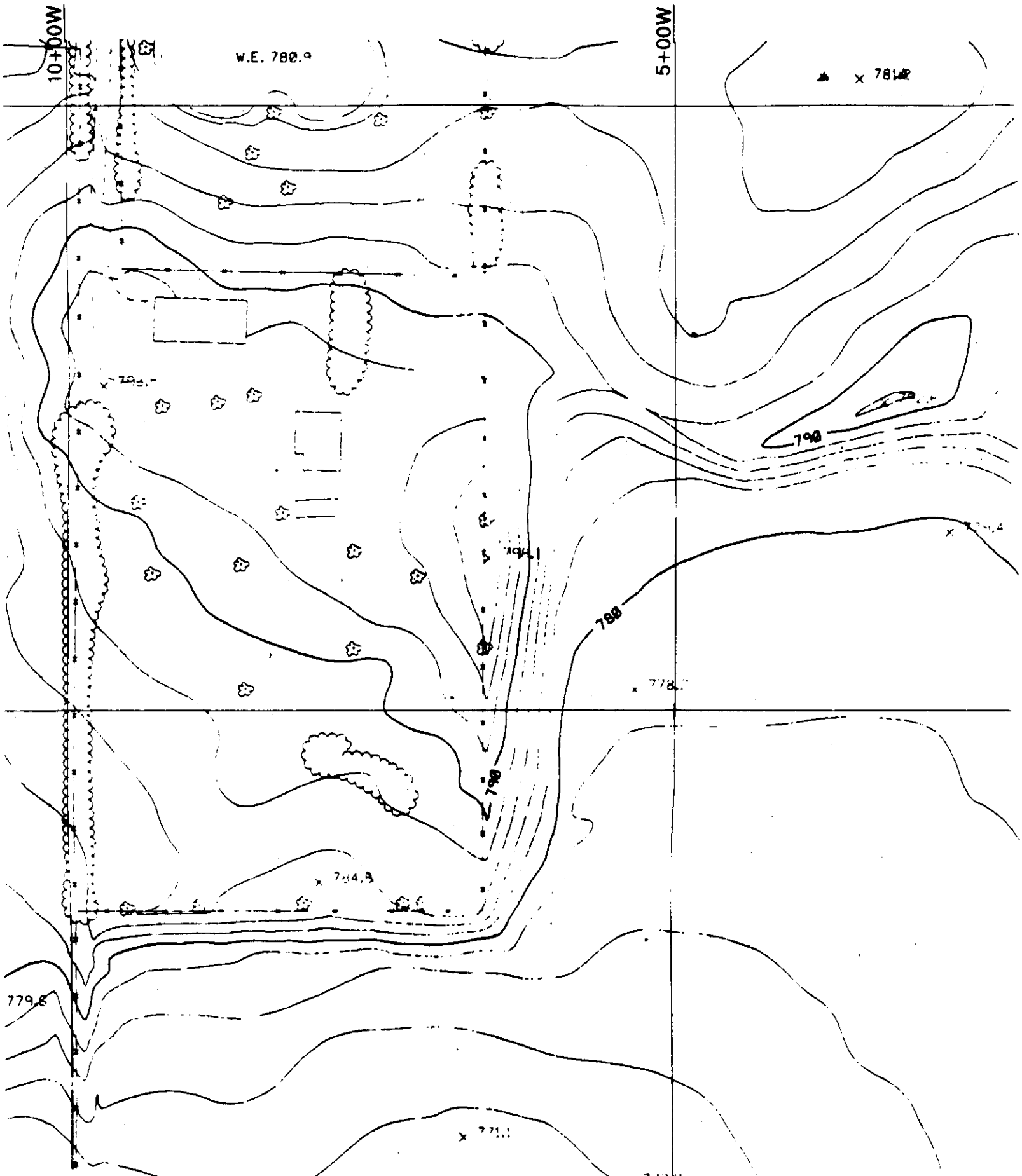
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5+00W
W.E. 780.9
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779.6

5+00W
0+00
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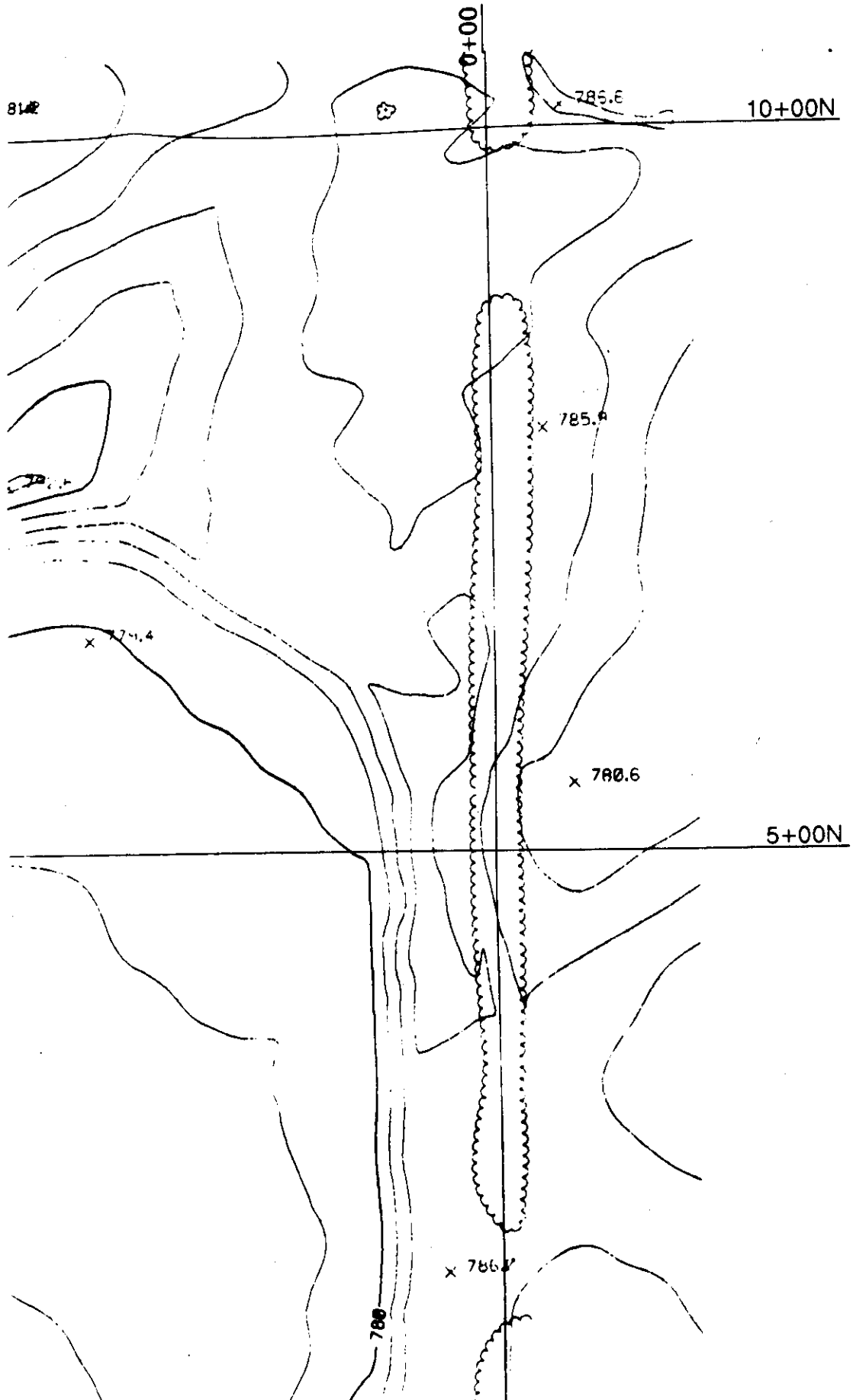
785.4
786.6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10+00N
785.6
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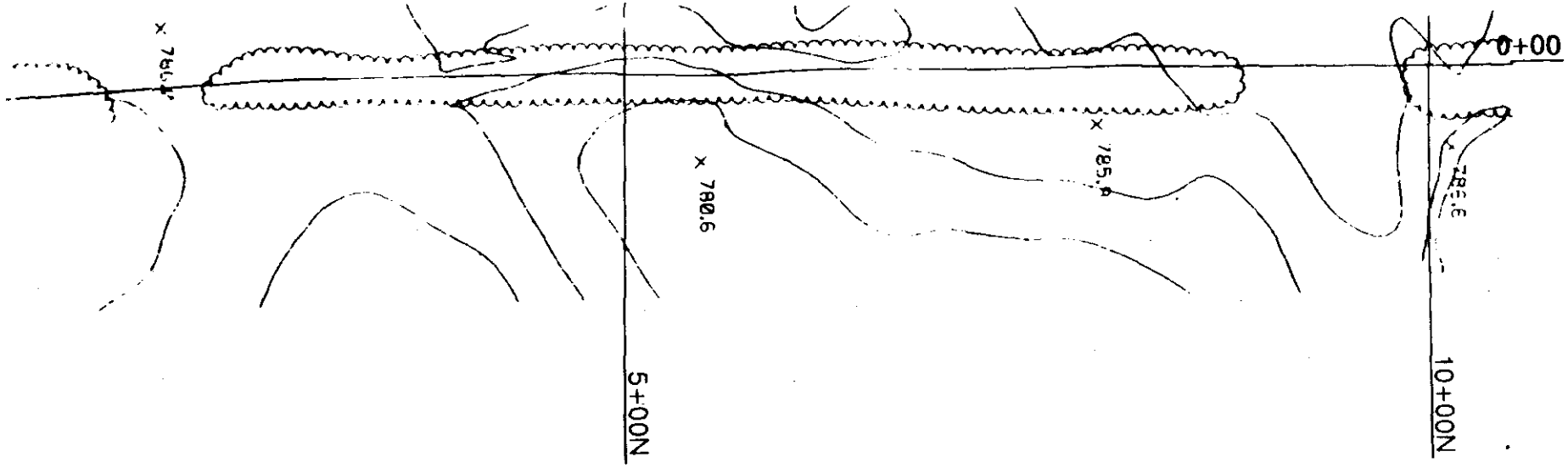
774.4
780.6
5+00N
786.
780



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Designed By:

Drawn By: JC

Checked By:

Approved By:

Date:

Reference:

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LEACHATE MONITORING/EXTRACTION AND LANDFILL GAS FLARE LOCATION MAP

PRELIMINARY SITE EVALUATION REPORT

H.O.D. LANDFILL RI/FS

ANTIOCH, ILLINOIS

Printed

Sheet Number 4 OF 10

Project Number 60953

F4

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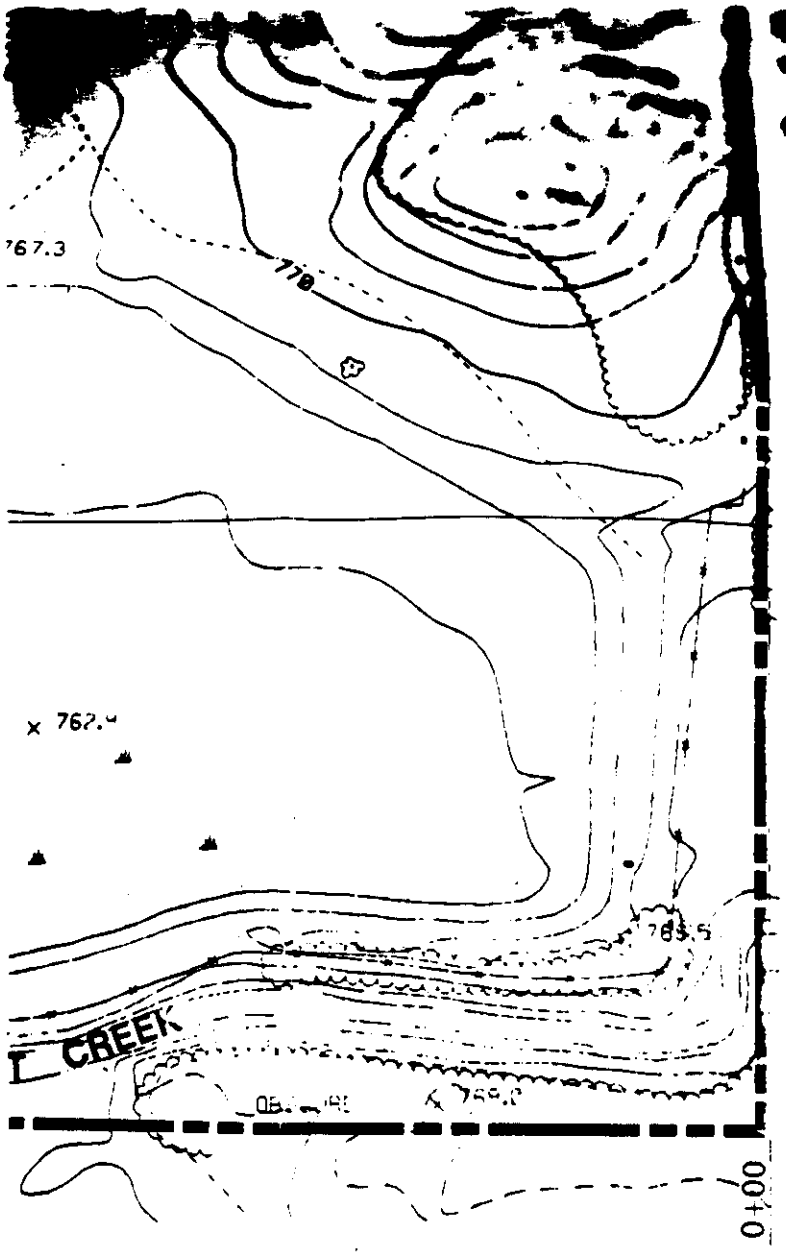
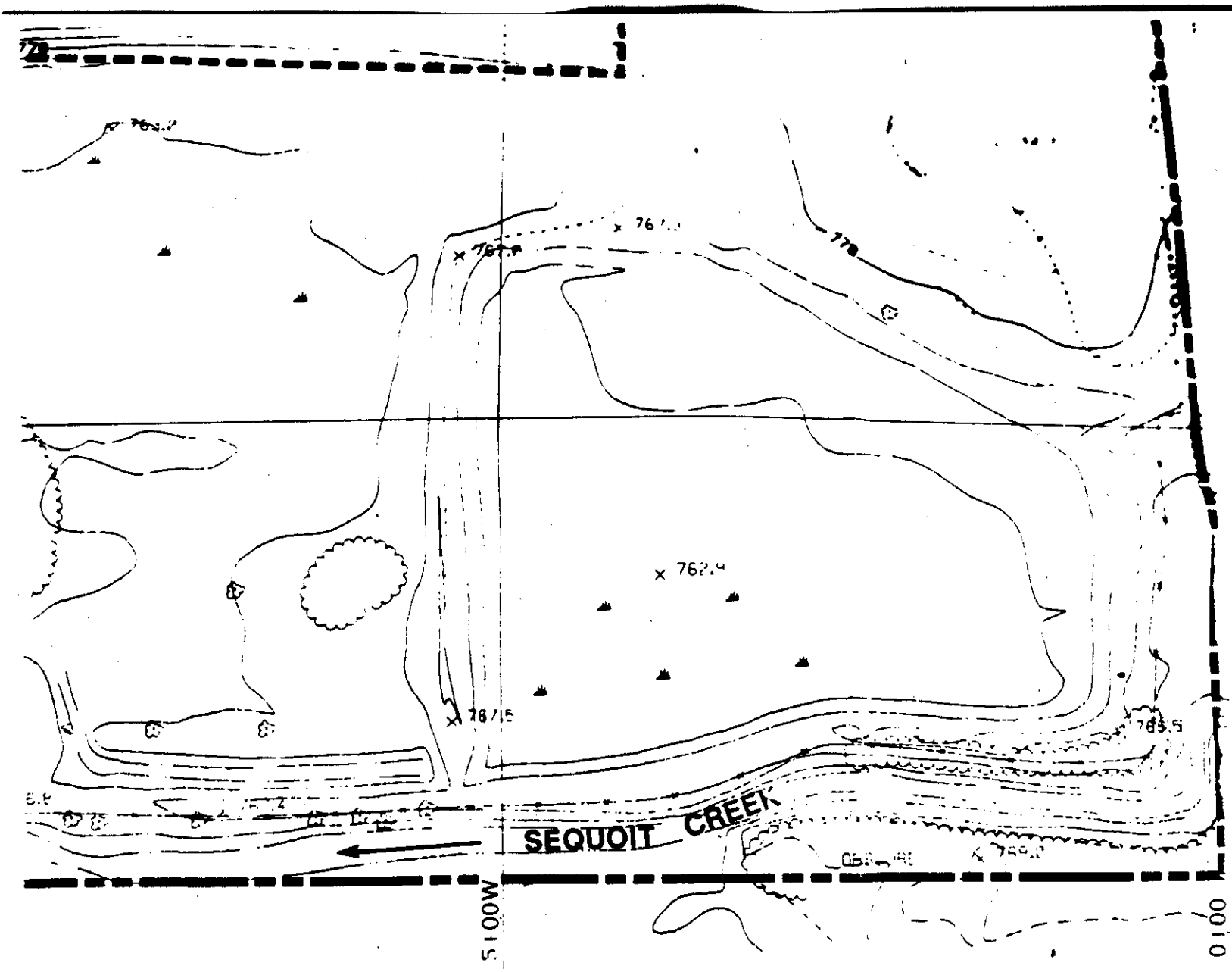


north

0 100 200

SCALE IN FEET



SEQUOIT CREEK
5100W
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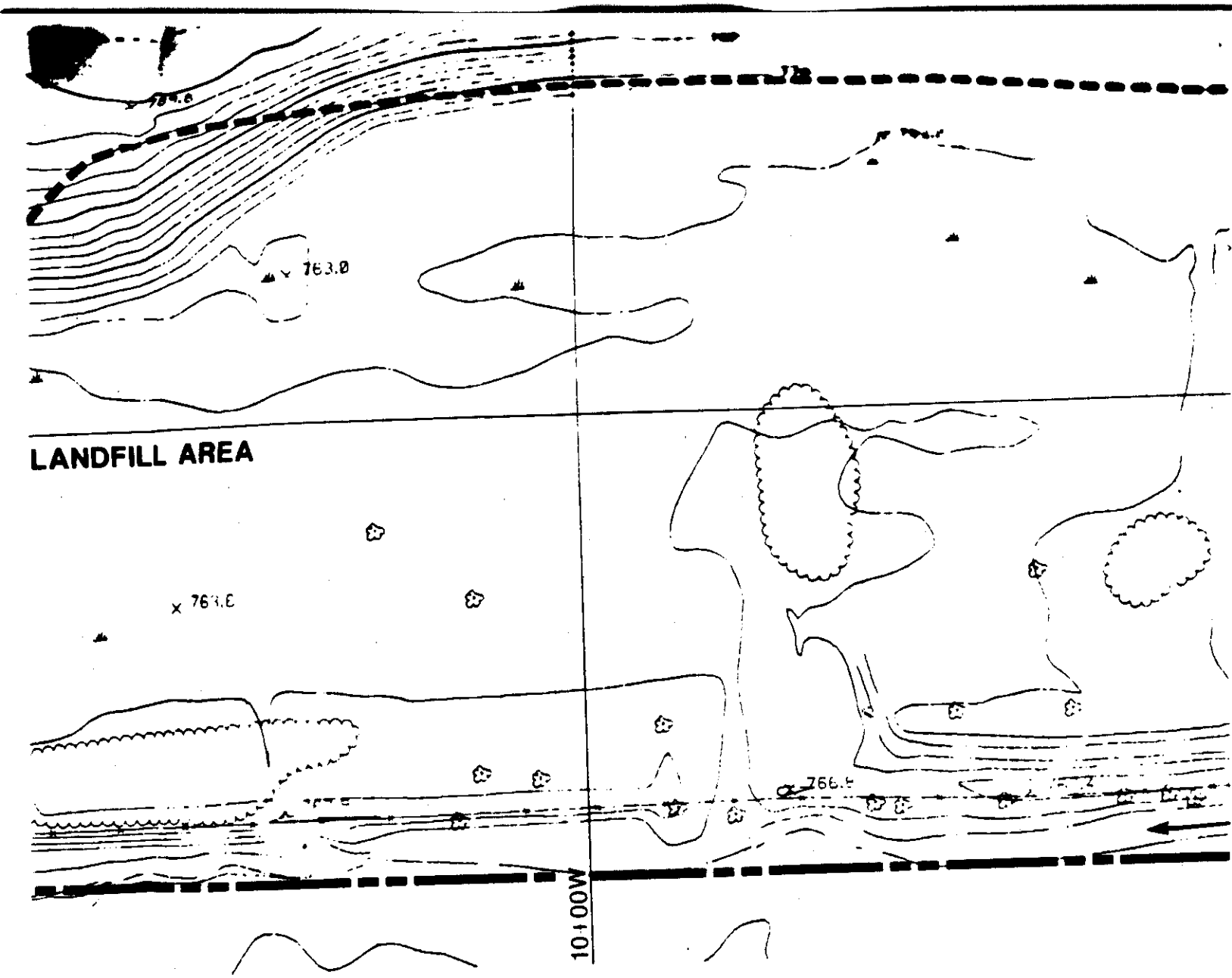
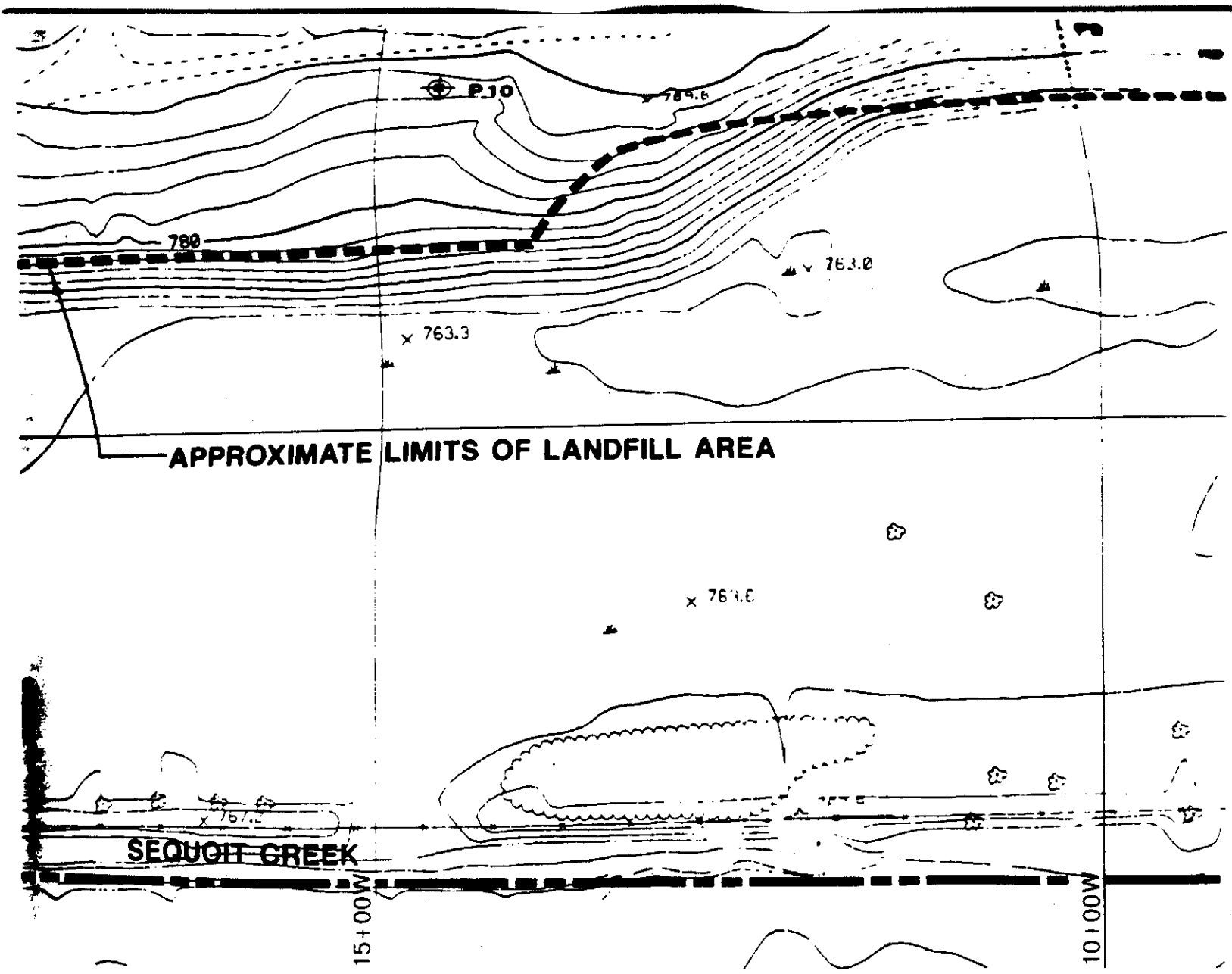

LANDFILL AREA
763.0
766.5
10+00W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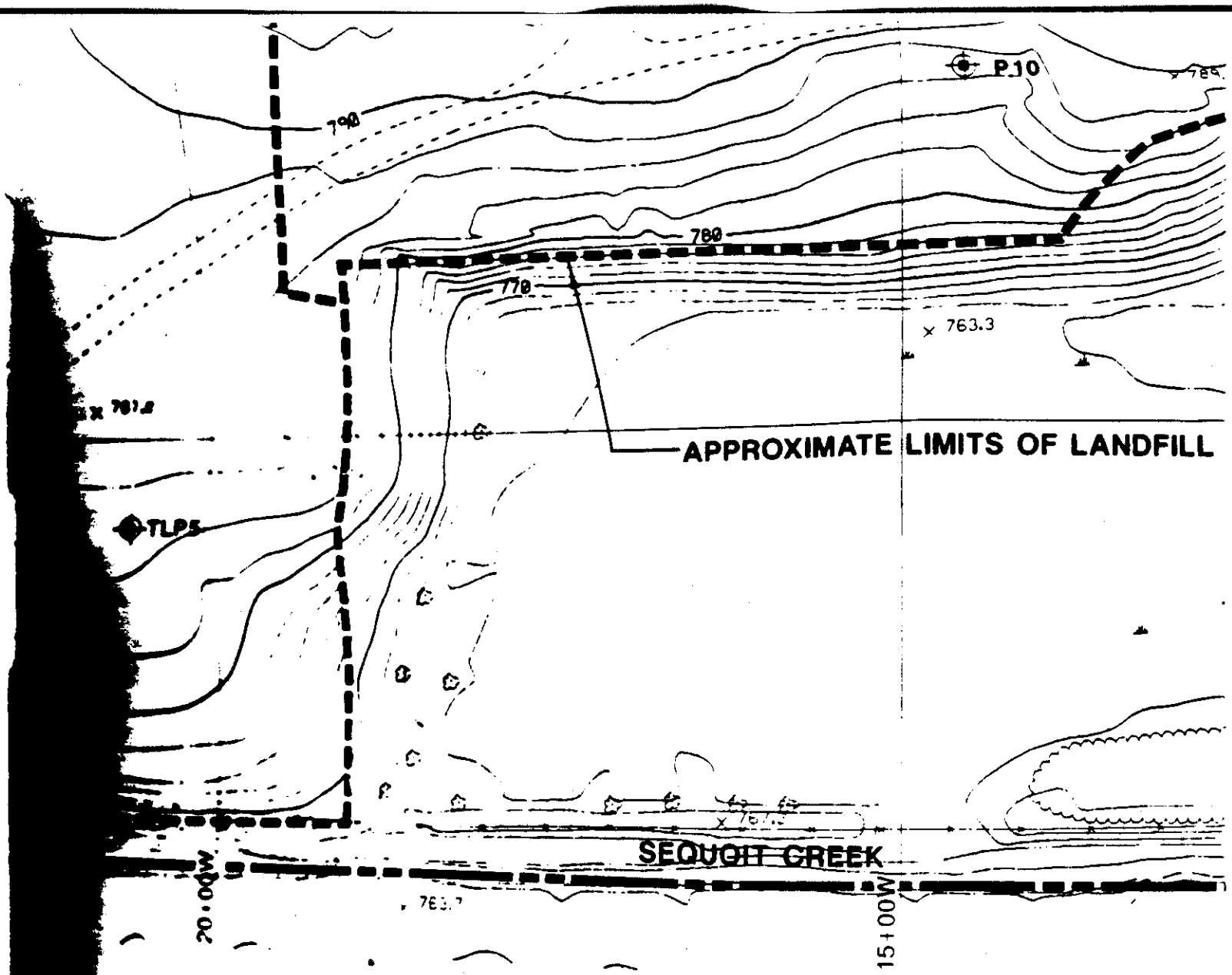
780
763.3
763.0
APPROXIMATE LIMITS OF LANDFILL AREA
SEQUOIT CREEK
15+00W
10+00W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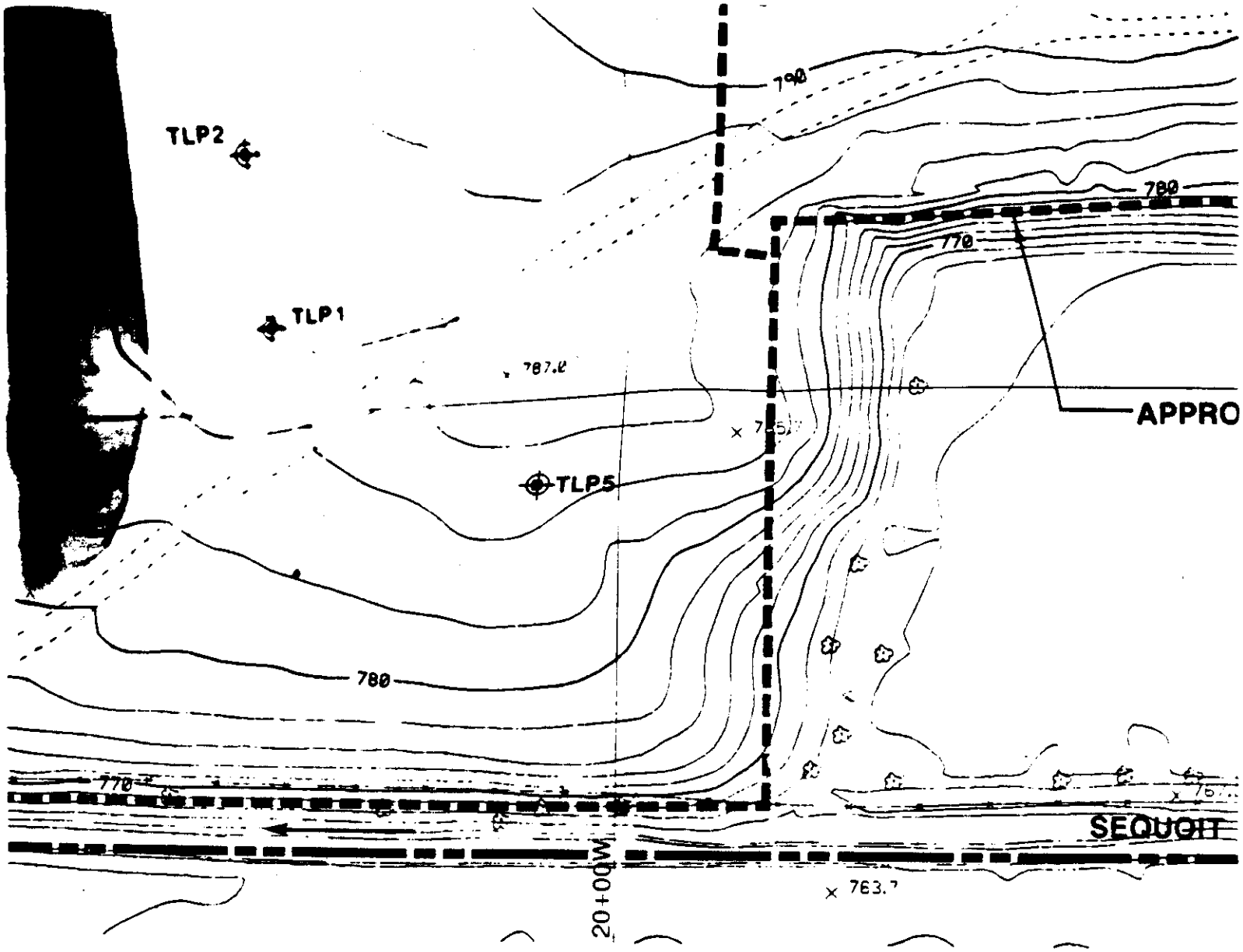
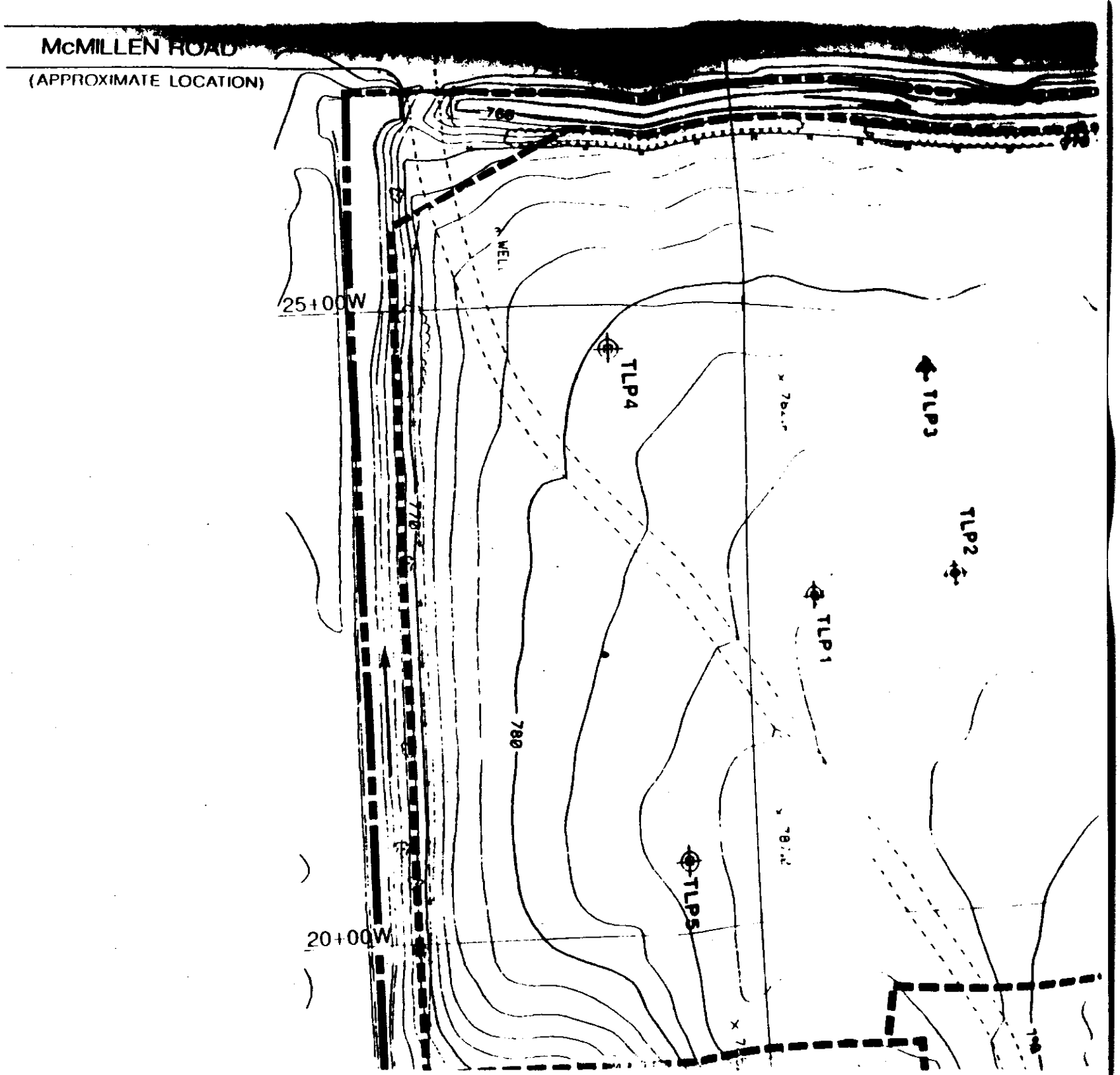
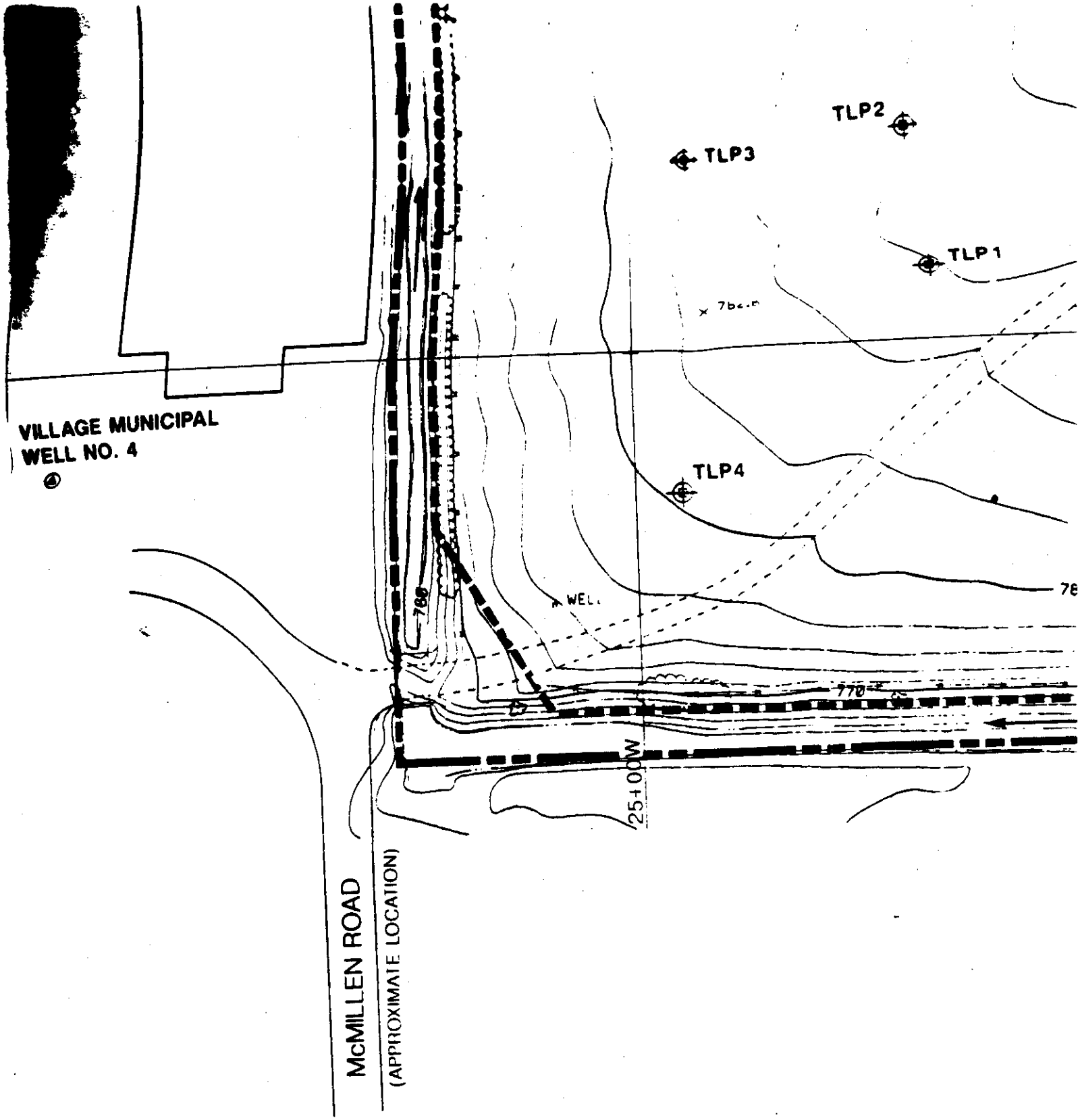
790
780
770
763.3
APPROXIMATE LIMITS OF LANDFILL
TLP5
SEQUOIT CREEK
20+00W
15+00W


TLP2
TLP1
TLP5
790
780
770
APPRO
SEQUOIT
20+00W

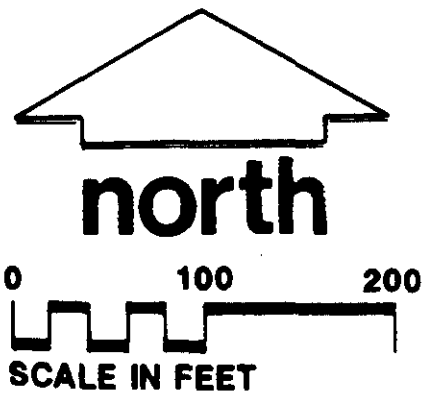

McMILLEN ROAD
(APPROXIMATE LOCATION)
25+00W
20+00W
TLP1
TLP2
TLP3
TLP4
TLP5
780


TLP2
TLP3
TLP1
TLP4
VILLAGE MUNICIPAL
WELL NO. 4
WELL
780
770
25+00W
McMILLEN ROAD
(APPROXIMATE LOCATION)

INDUSTRIAL PARK
10+00S
VILLAGE MUNICIPAL
WELL NO. 4
30+00W
McMILLEN ROAD
(APPROXIMATE LOCATION)
MASTER BLUE PRINT INC. 501728
Audit
Overlay
Screen

THE WESTERN PORTION OF THE NEW LANDFILL RECEIVED A FULL DEPTH PERIMETER CLAY SEAL ALONG THE SOUTHERN BOUNDARY. THIS SEAL WAS TIED INTO THE NATURAL UNDERLYING CLAY AND WAS EXTENDED UPWARD AND TIED II..O THE CLAY CAP.

5. BOTTOM SEAL IN NEW LANDFILL WAS TO CONSIST OF AT LEAST 10 FEET OF NATURAL CLAY OR 6 FEET OF COMPACTED CLAY. PERIMETER SEAL WAS TO CONSIST OF A 12 FOOT WIDE COMPACTED CLAY WALL EXTENDING FROM THE BOTTOM CLAY SEAL TO THE CLAY CAP. FOR FURTHER DETAILS REFER TO SECTION 3.3.2 OF TEXT.



SURFICIAL SAND ISOPACH MAP

PRELIMINARY SITE EVALUATION REPORT

H.O.D. LANDFILL RI/FS

ANTIOCH, ILLINOIS

Printed

Sheet Number 6 OF 10

Project Number 60953 F6

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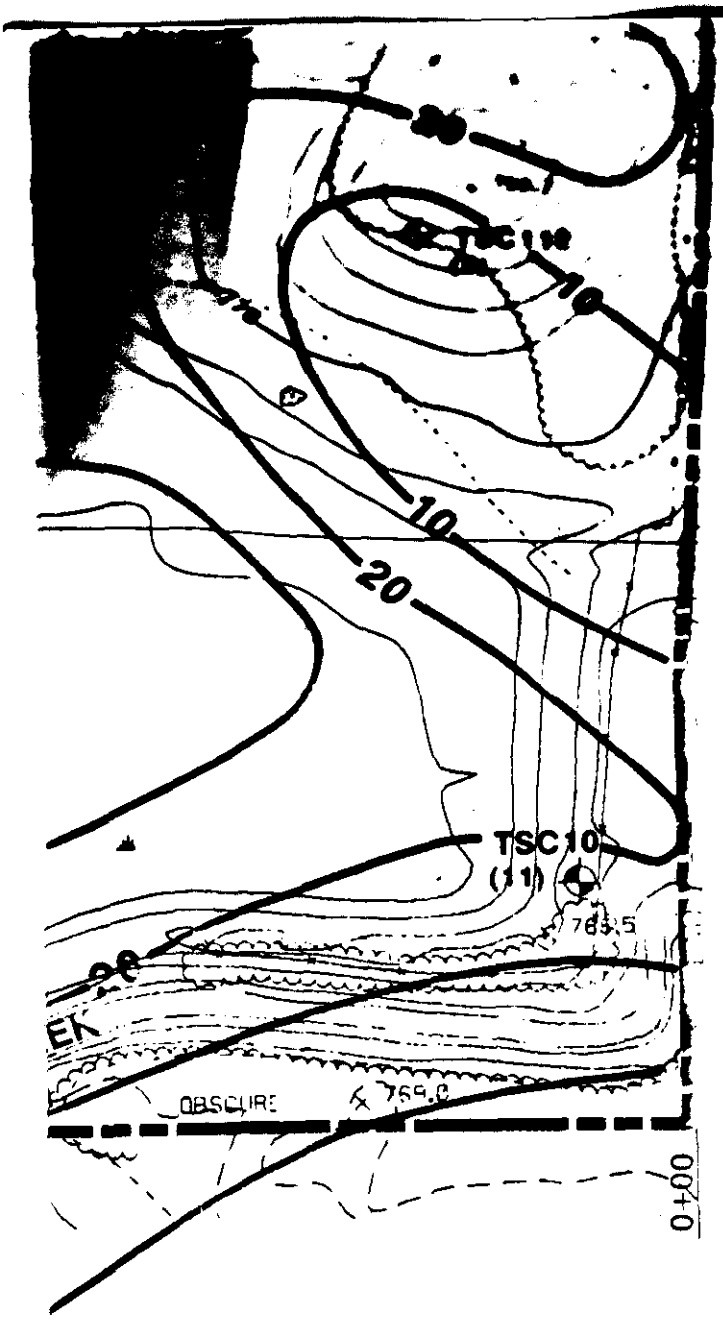
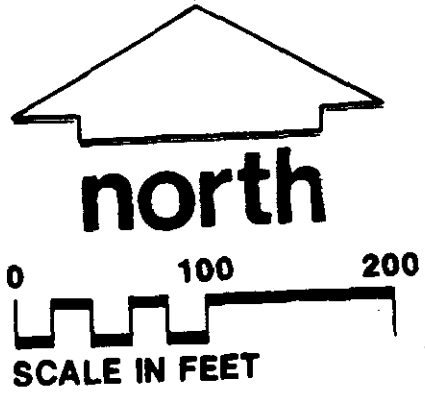


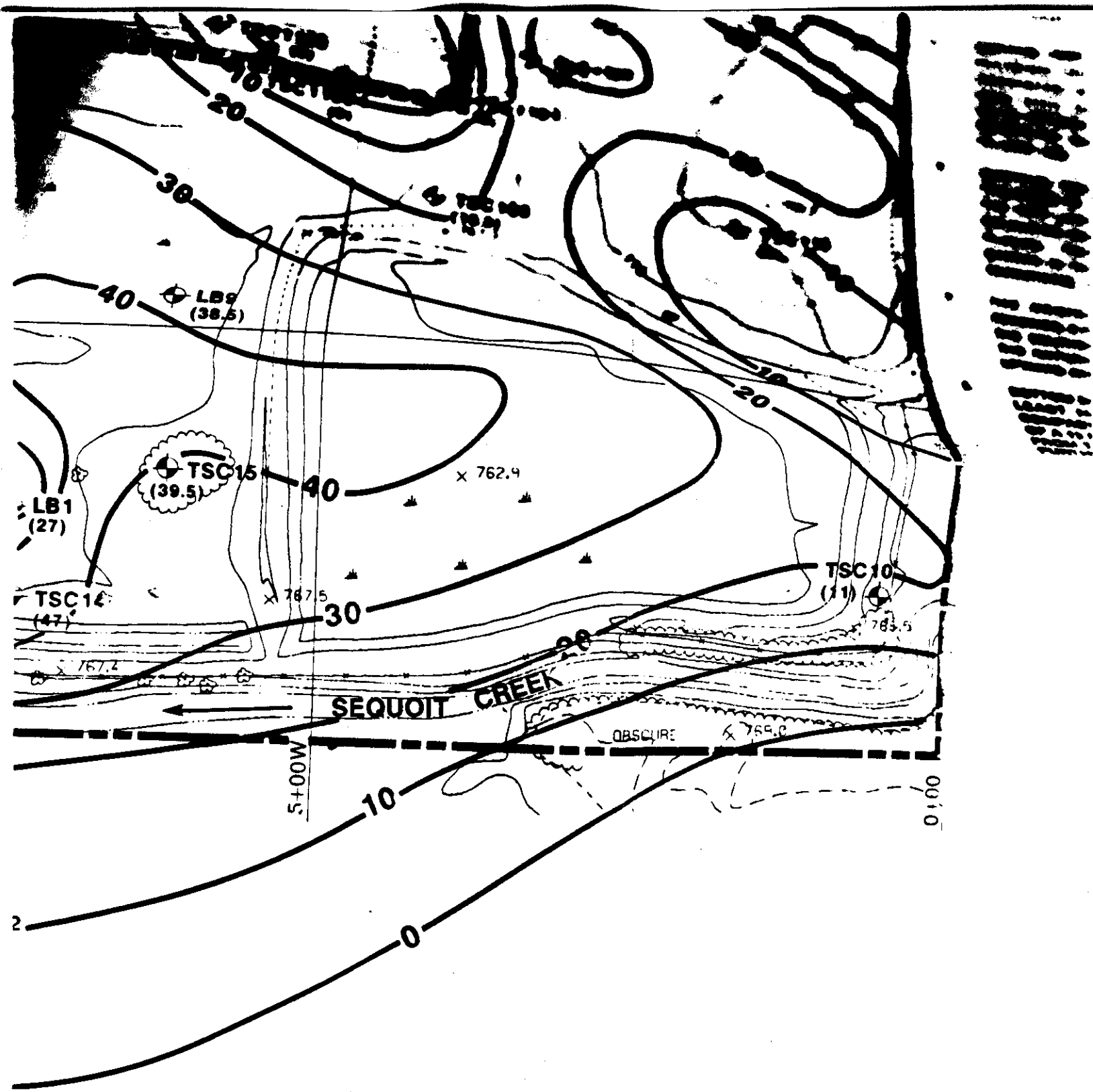
[illegible]

3. SURFICIAL SAND THICKNESS MAYS ARE BASED ON THE THICKNESS OF SAND EXCAVATED TO SUBGRADE IN THE NEW LANDFILL AREA. THE SURFICIAL SAND WAS EXCAVATED AND BOTTOM AND PERIMETER CLAY SEALS PLACED. THEREFORE SURFICIAL SAND THICKNESS SHOWN IN THIS AREA REPRESENTS PRE-DEVELOPMENT CONDITIONS. SEE NOTE 4.

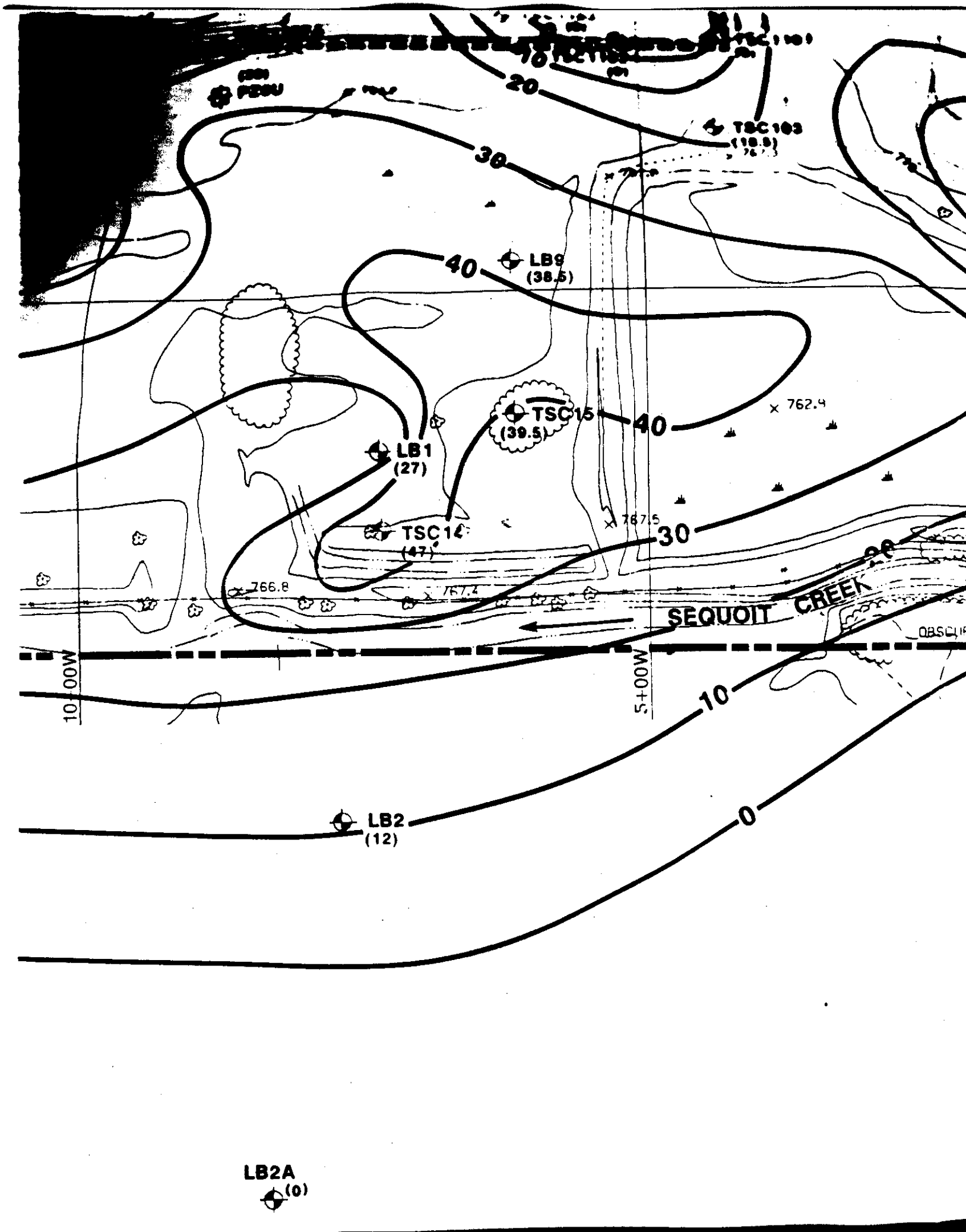
4. THE WESTERN PORTION OF THE NEW LANDFILL RECEIVED A FULL DEPTH PERIMETER CLAY SEAL ALONG THE SOUTHERN BOUNDARY. THIS SEAL WAS TIED INTO THE NATURAL UNDERLYING CLAY AND WAS EXTENDED UPWARD AND TIED INTO THE CLAY CAP.

5. BOTTOM SEAL IN NEW LANDFILL WAS TO CONSIST OF AT LEAST 10 FEET OF NATURAL CLAY OR 8 FEET OF COMPACTED CLAY. PERIMETER SEAL WAS TO CONSIST OF A 12 FOOT WIDE COMPACTED CLAY WALL EXTENDING FROM THE BOTTOM CLAY SEAL TO THE CLAY CAP. FOR FURTHER DETAILS REFER TO SECTION 3.3.2 OF TEXT.

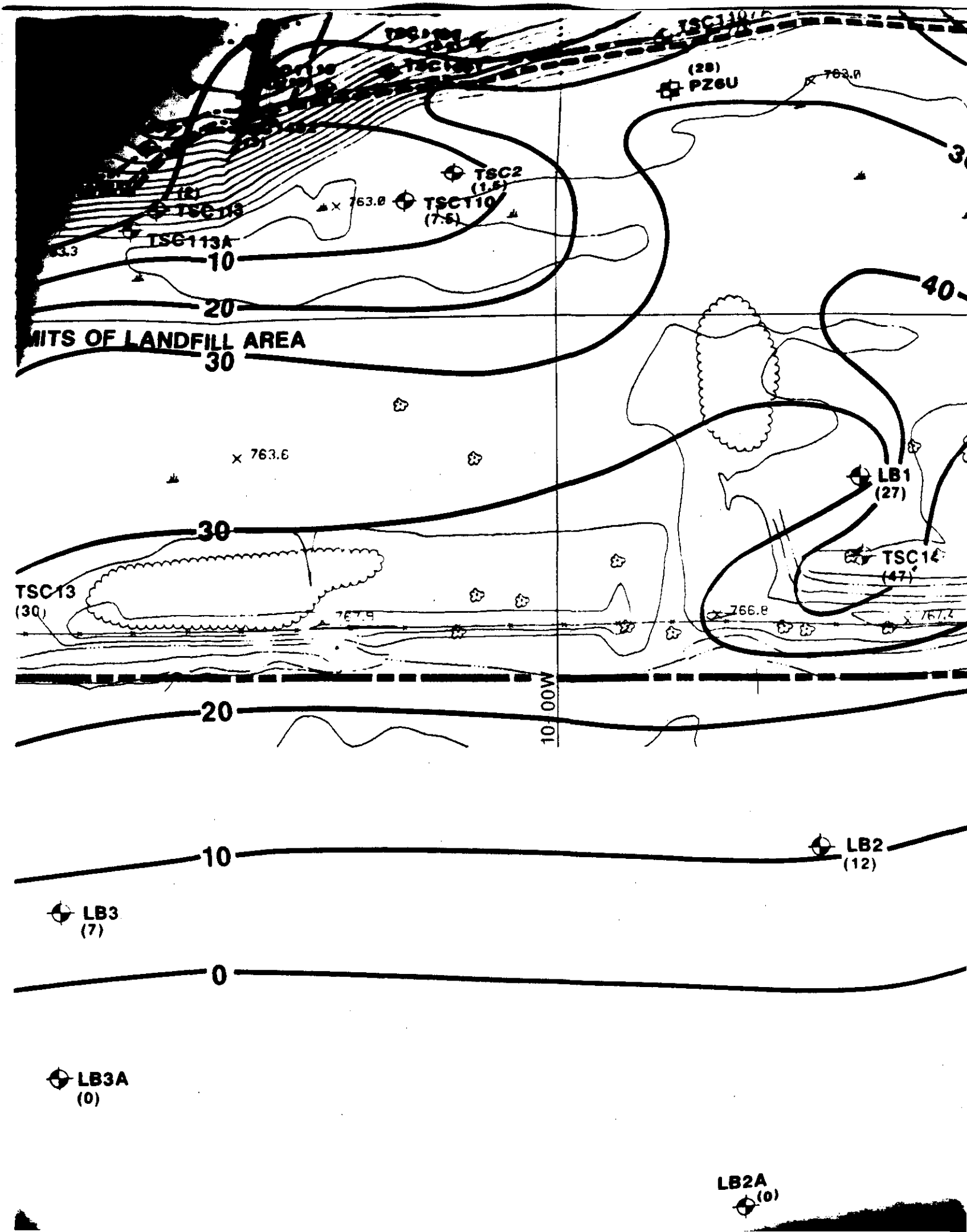


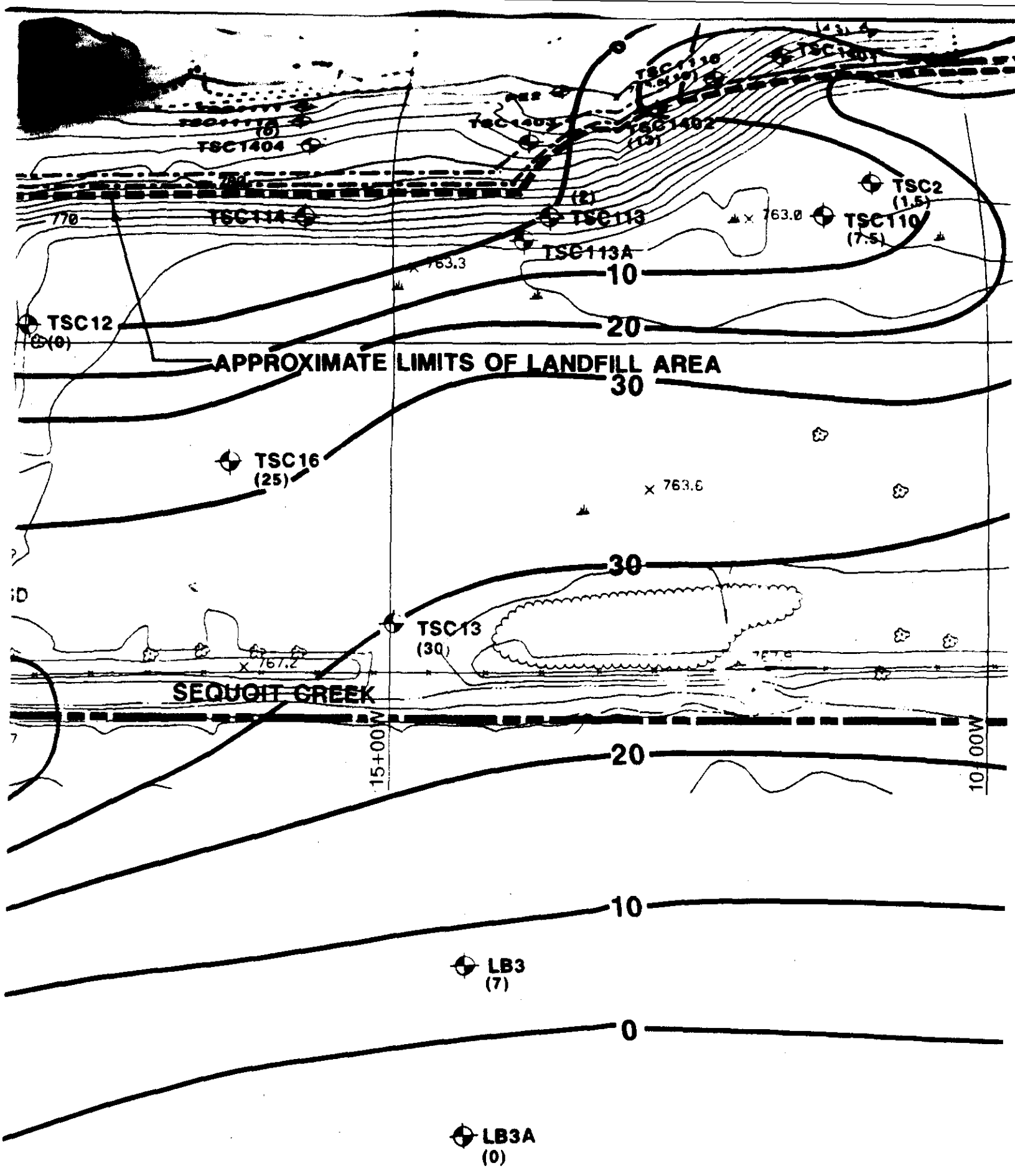


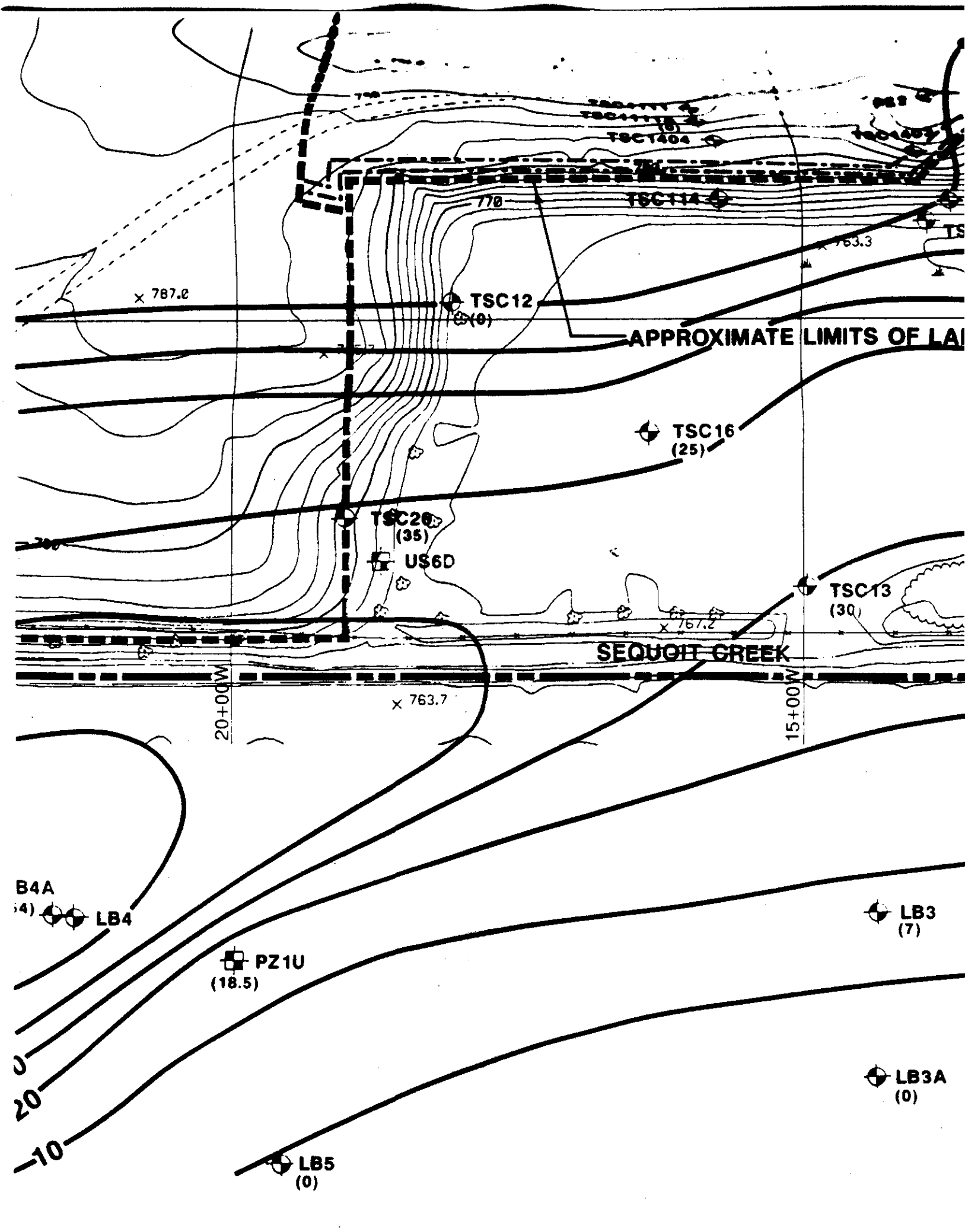
20
30
40
LB9
(38.5)
TSC15
(39.5)
40
762.9
LB1
(27)
TSC14
(47)
767.5
30
767.2
SEQUOIT CREEK
TSC10
(11)
765.5
20
OBSCURE
765.0
5+00W
10
0



TSC103
(18.5)
LB9
(38.5)
TSC15
(39.5)
LB1
(27)
TSC14
(47)
762.4
767.5
766.8
767.4
SEQUOIT CREEK
10+00W
5+00W
LB2
(12)
LB2A
(0)
10
20
30
40
0


PZ6U
(28)
763.0
TSC2
(1.5)
TSC10
(7.5)
TSC113A
10
20
MITS OF LANDFILL AREA
30
40
763.6
LB1
(27)
30
TSC13
(30)
766.8
20
10 00W
10
LB2
(12)
LB3
(7)
0
LB3A
(0)
LB2A
(0)


TSC1404
TSC114
TSC113
TSC113A
TSC2
(1.5)
TSC110
(7.5)
TSC12
(0)
APPROXIMATE LIMITS OF LANDFILL AREA
TSC16
(25)
TSC13
(30)
SEQUOIT CREEK
15+00W
10+00W
LB3
(7)
LB3A
(0)
10
20
30
0


TSCT404
TSC114
770
763.3
787.0
TSC12
(0)
APPROXIMATE LIMITS OF LA
TSC16
(25)
TSC20
(35)
US6D
TSC13
(30)
767.2
SEQUOIT CREEK
763.7
20+00W
15+00W
B4A
LB4
LB3
(7)
PZ1U
(18.5)
LB3A
(0)
LB5
(0)
20
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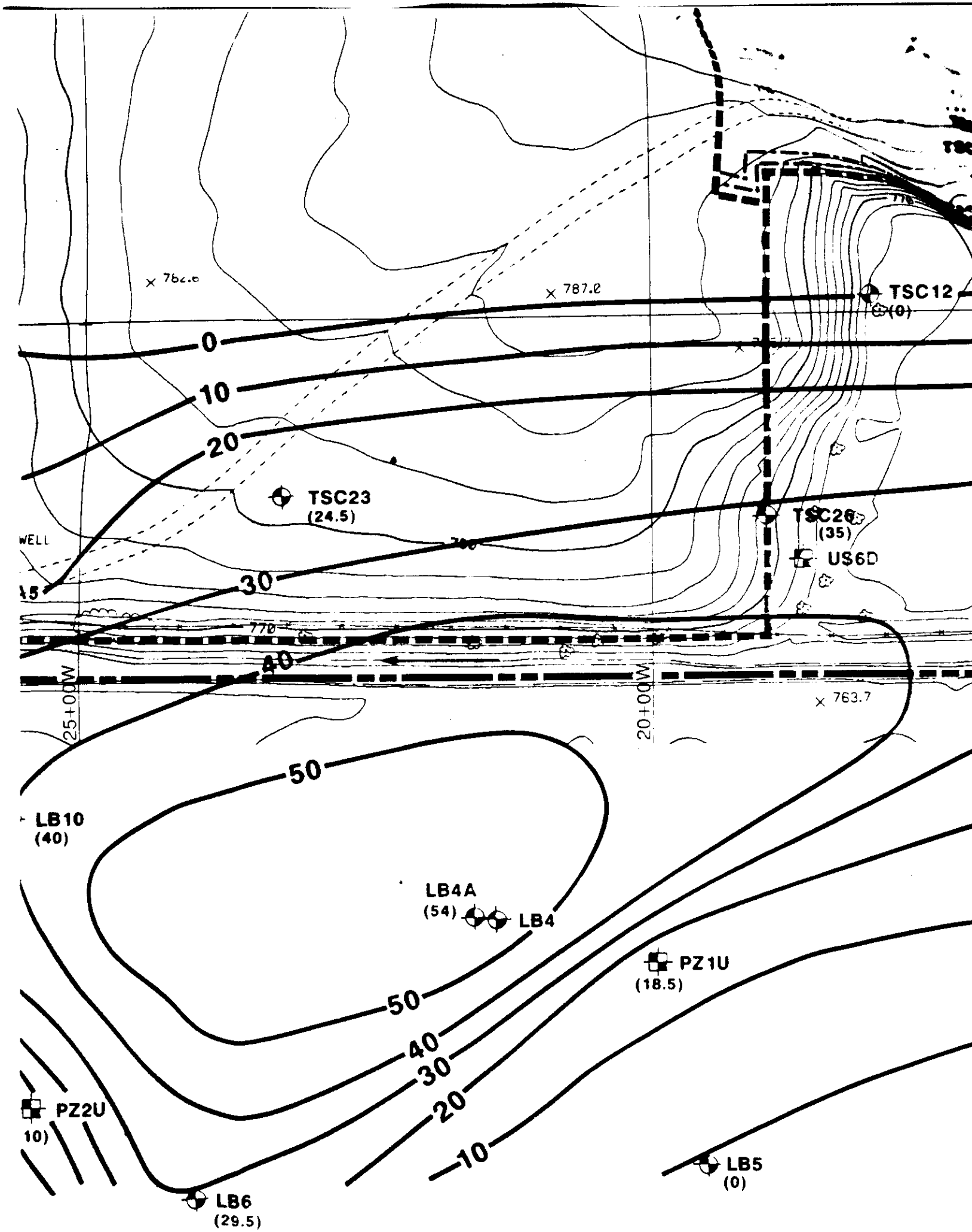
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(24.5)
TSC26
(35)
US6D
LB10
(40)
LB4A
(54)
LB4
PZ1U
(18.5)
PZ2U
LB6
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LB5
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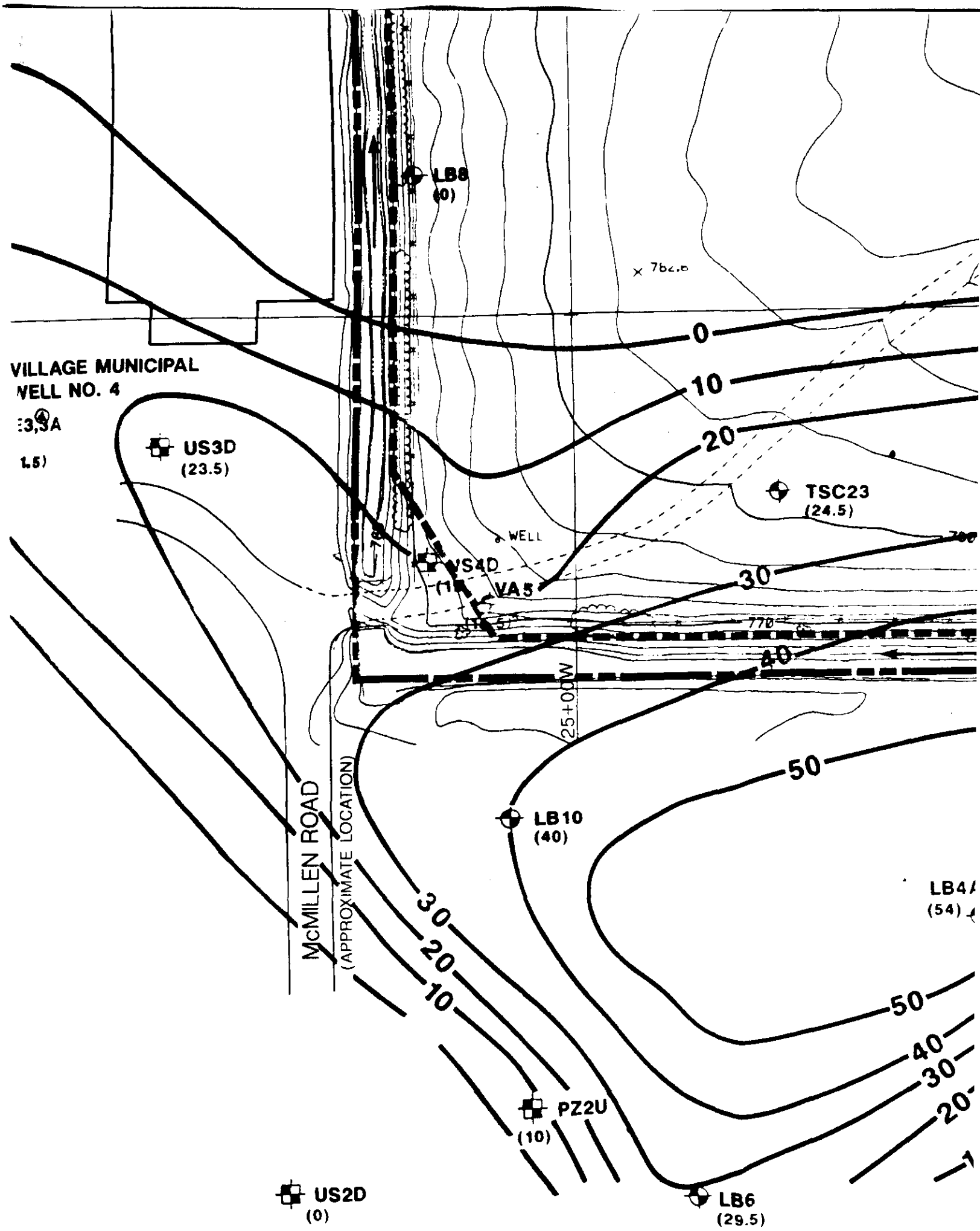
20+00W
787.0
763.7
770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VILLAGE MUNICIPAL
WELL NO. 4
US3D
(23.5)
TSC23
(24.5)
WELL
VS4D
VA5
0
10
20
30
40
50
25+00W
McMILLEN ROAD
(APPROXIMATE LOCATION)
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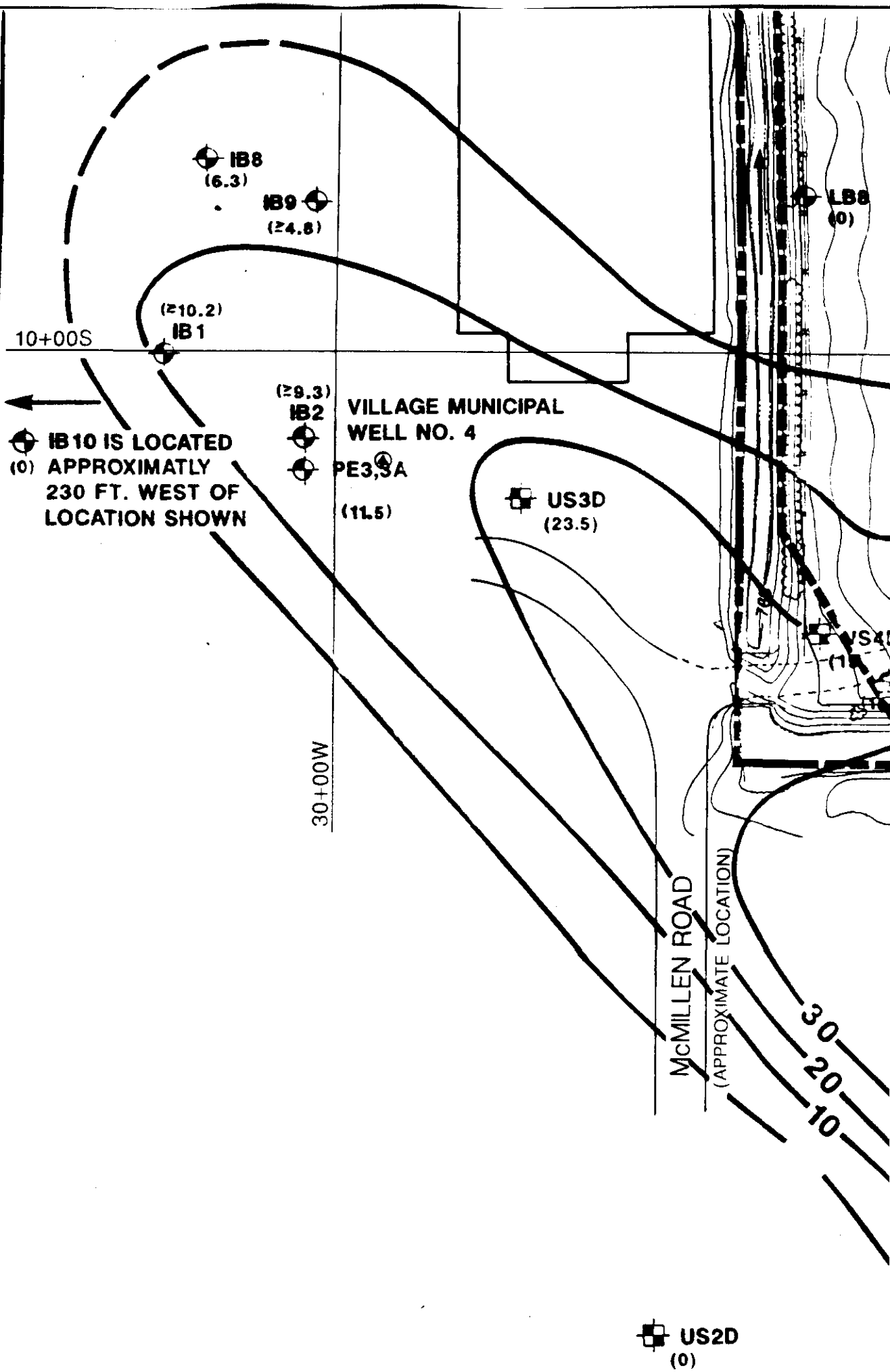
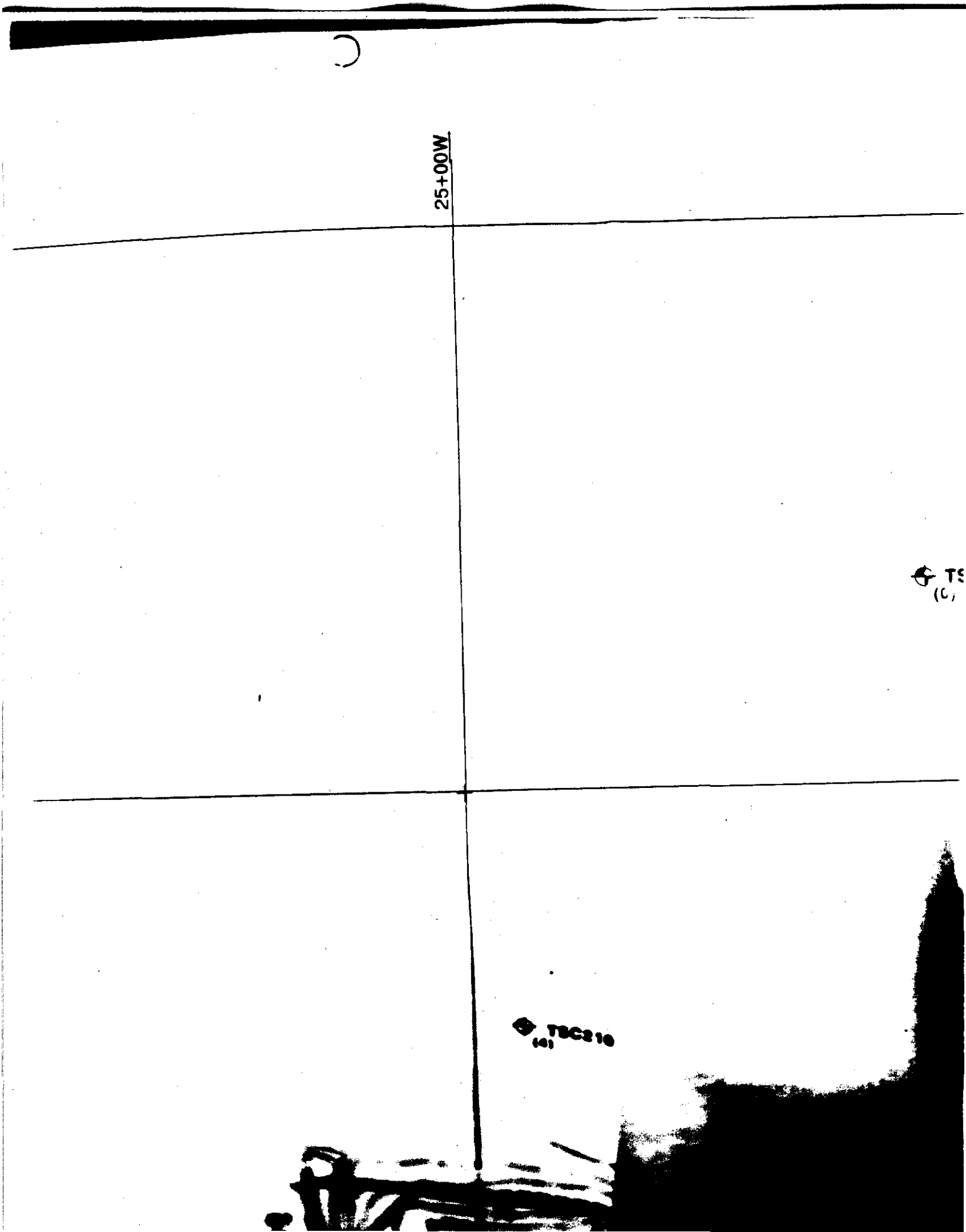
(40)
LB4A
(54)
PZ2U
(10)
US2D
(0)
LB6
(29.5)



MASTER BLUE PRINT INC. 501728
Audit
Overlay
Screen

30+00W
25+00W
10+00N
5+00N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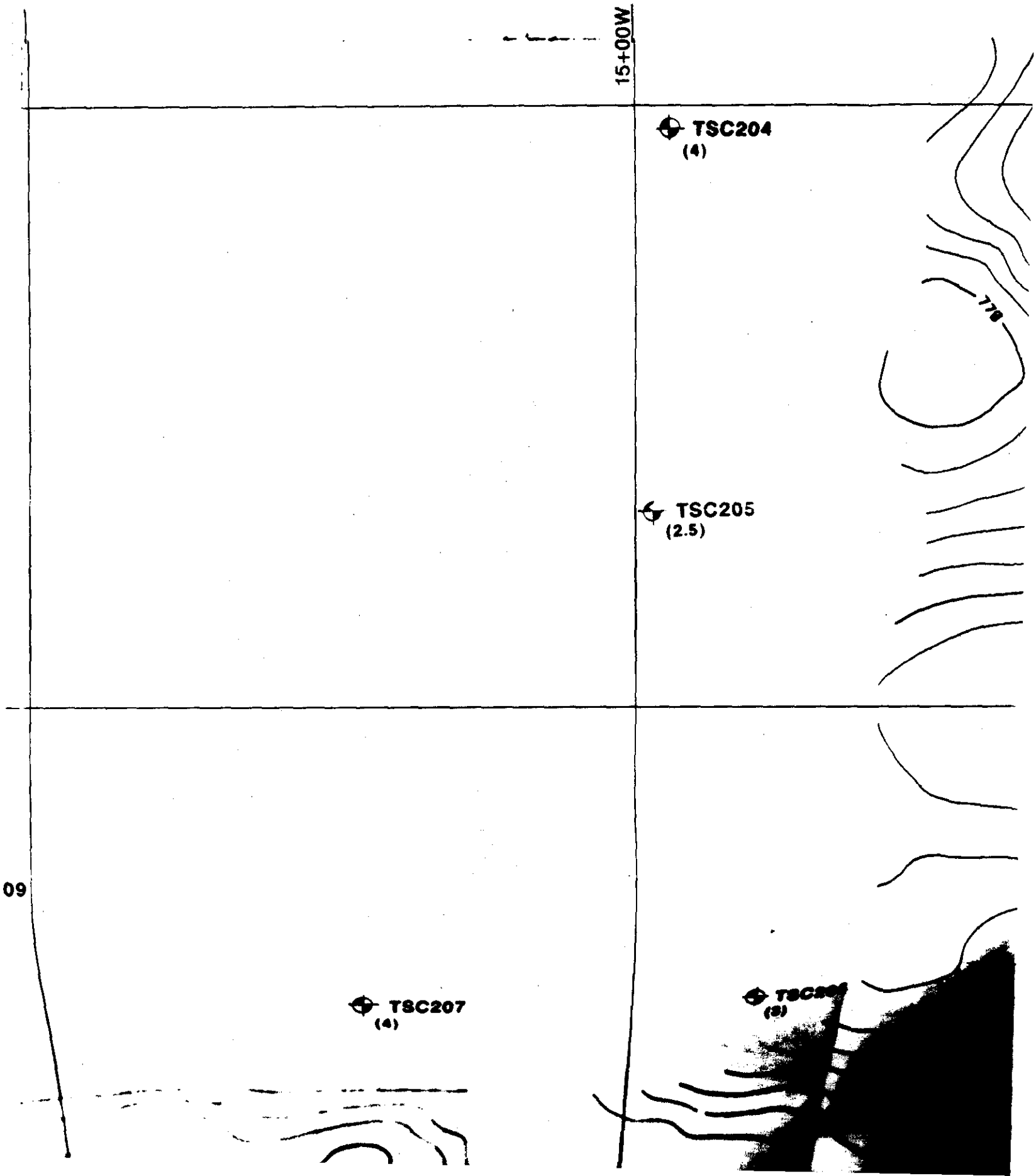
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778
TSC205
(2.5)
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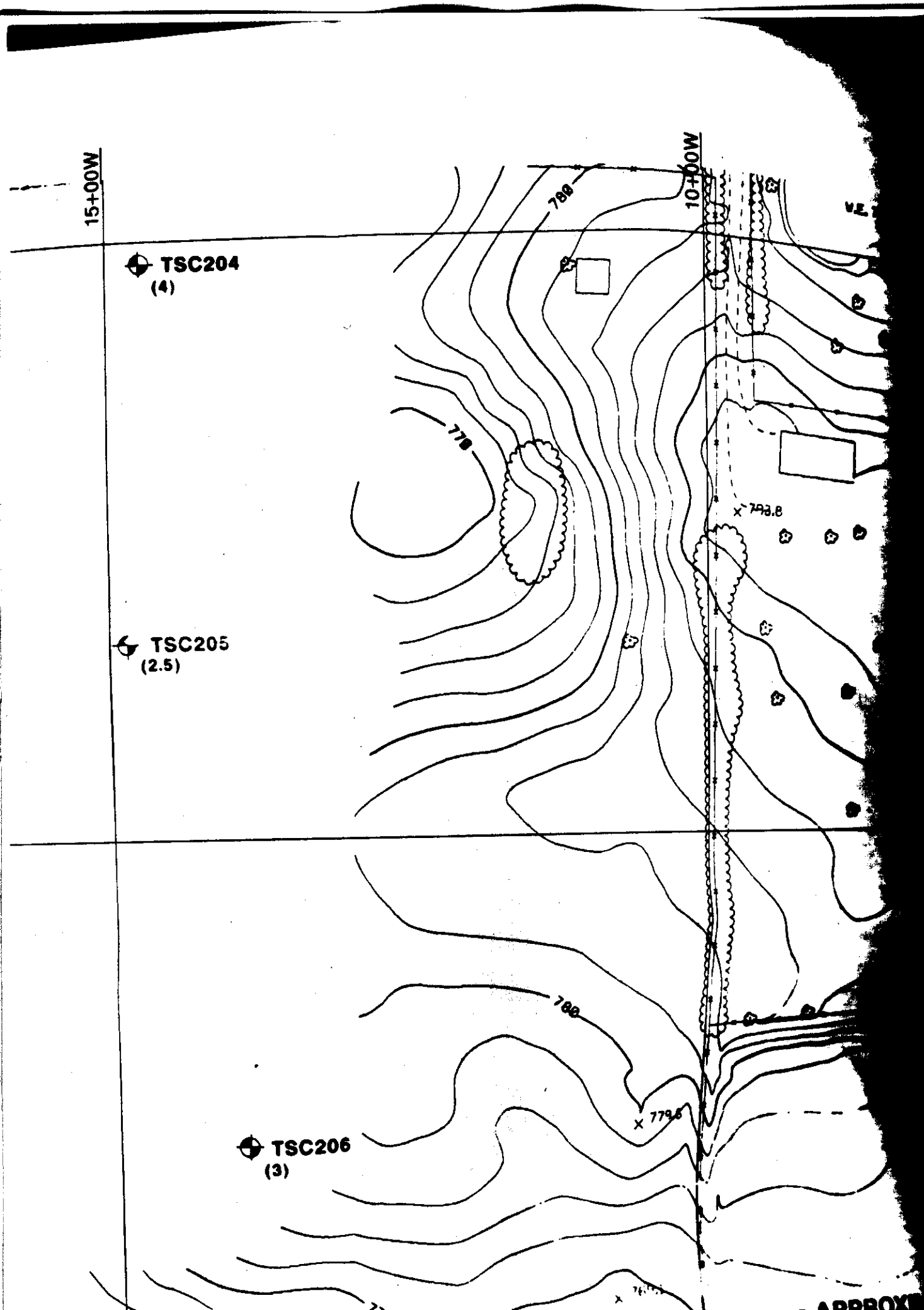
TSC207
(4)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TSC205
(2.5)
TSC206
(3)
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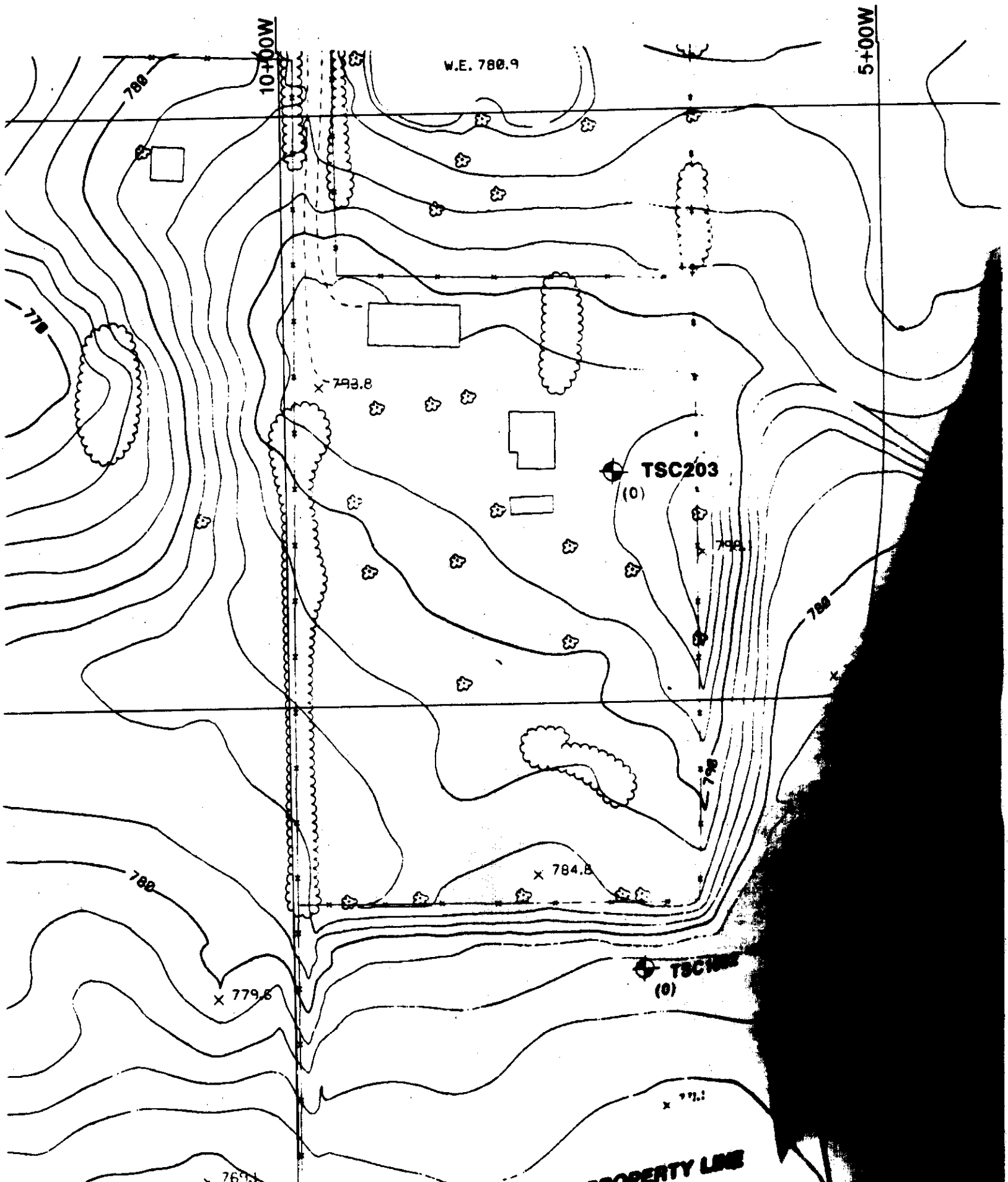
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779.6
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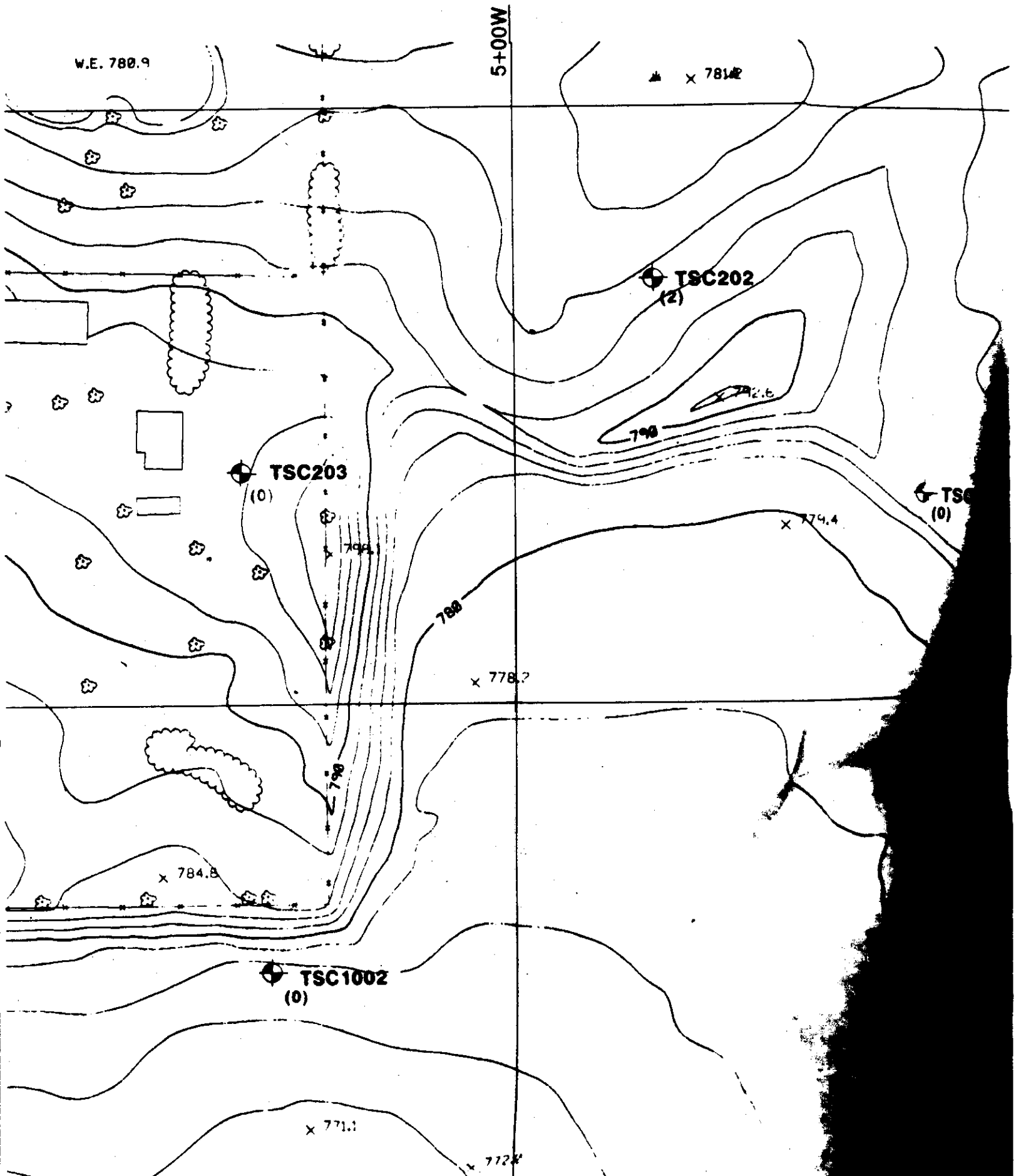

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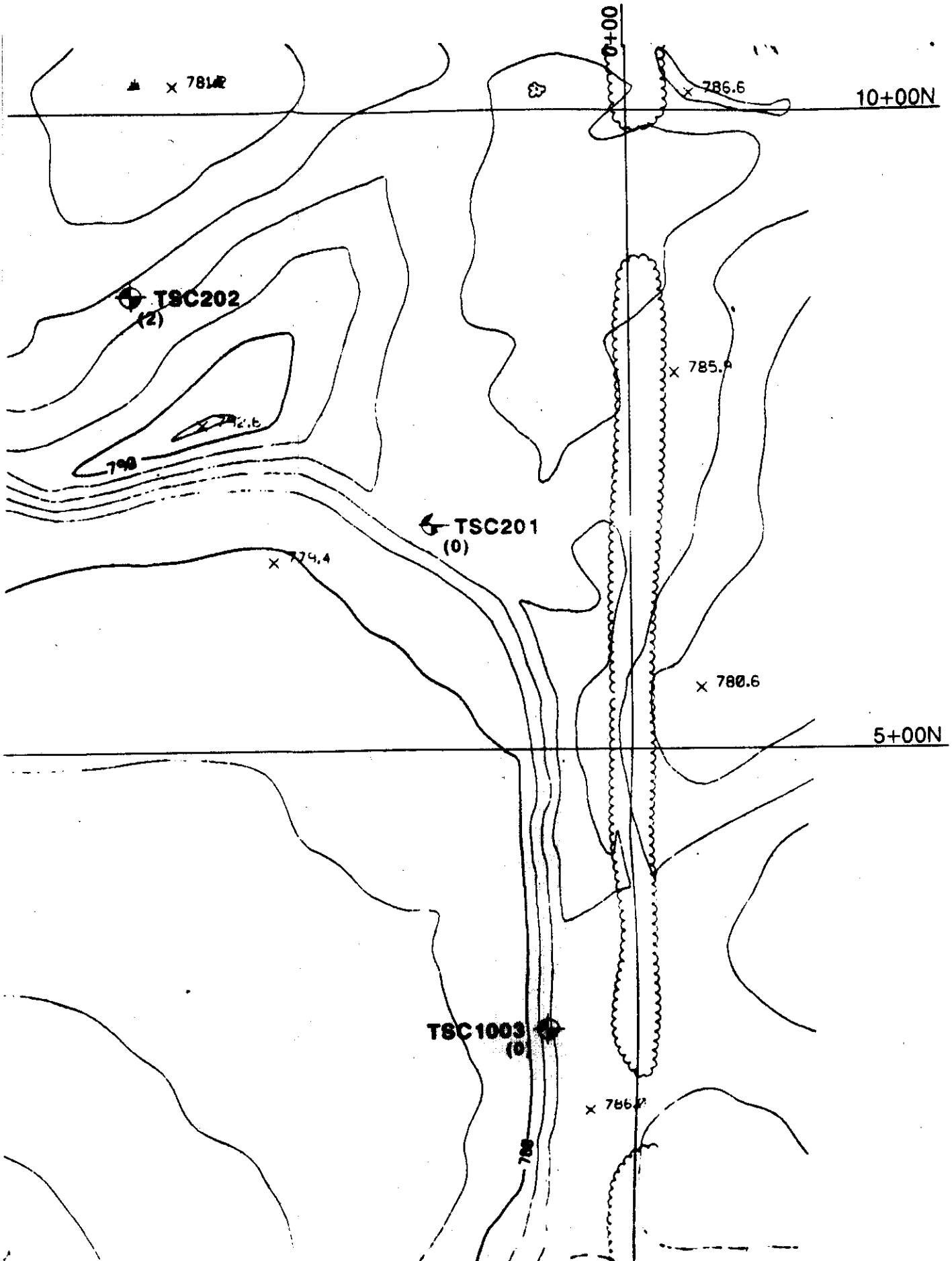
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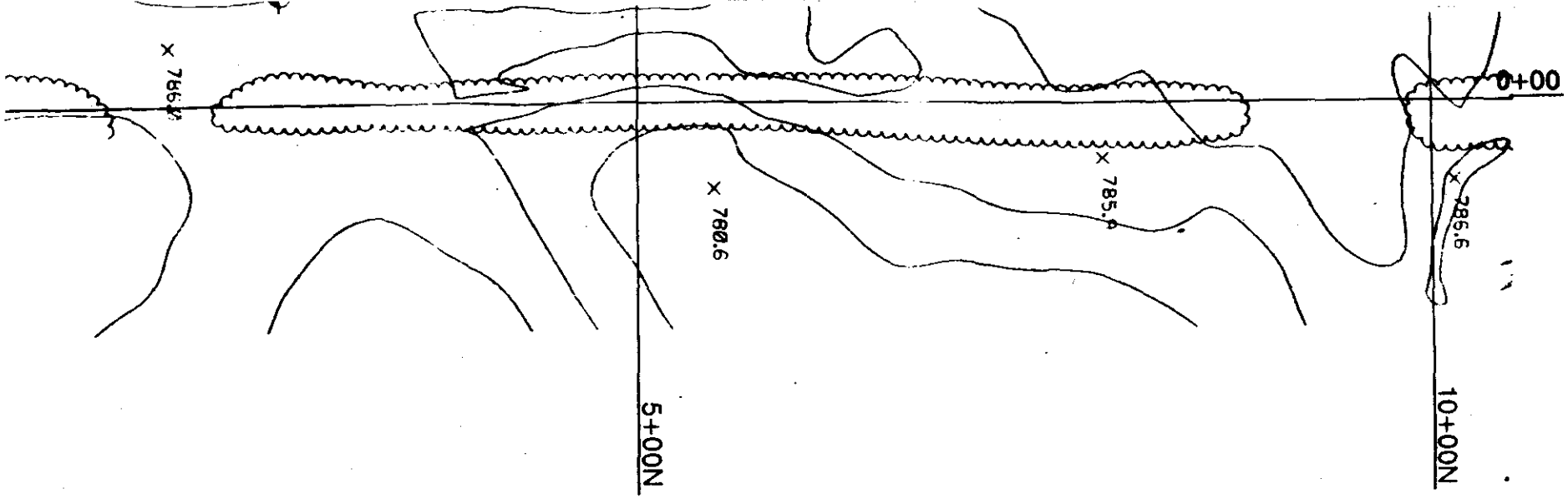

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WARZYN ENGINEERING INC.

Designed By:

Drawn By: JC, DLF

Checked By:

Approved By:

Date:

Reference:

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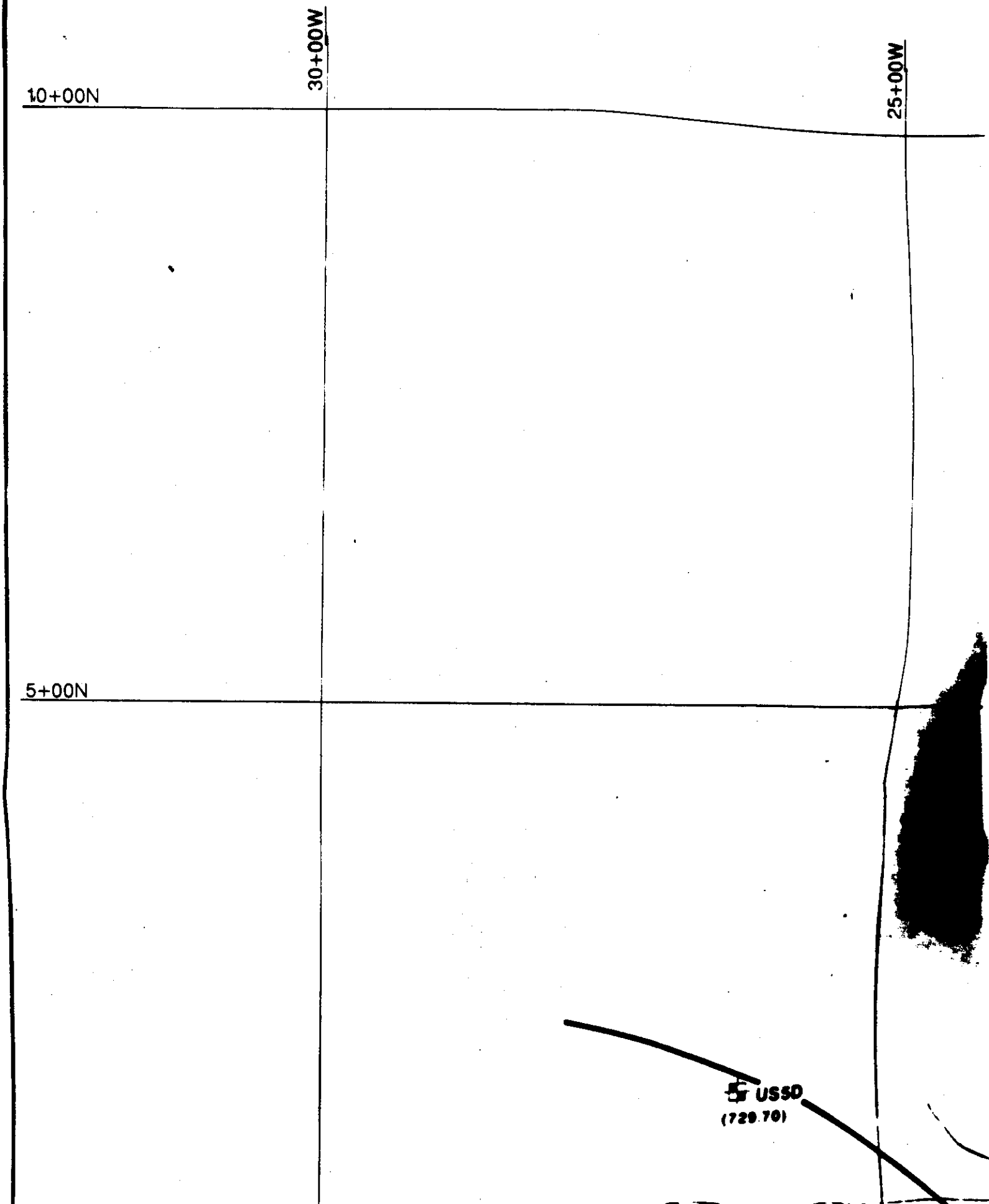
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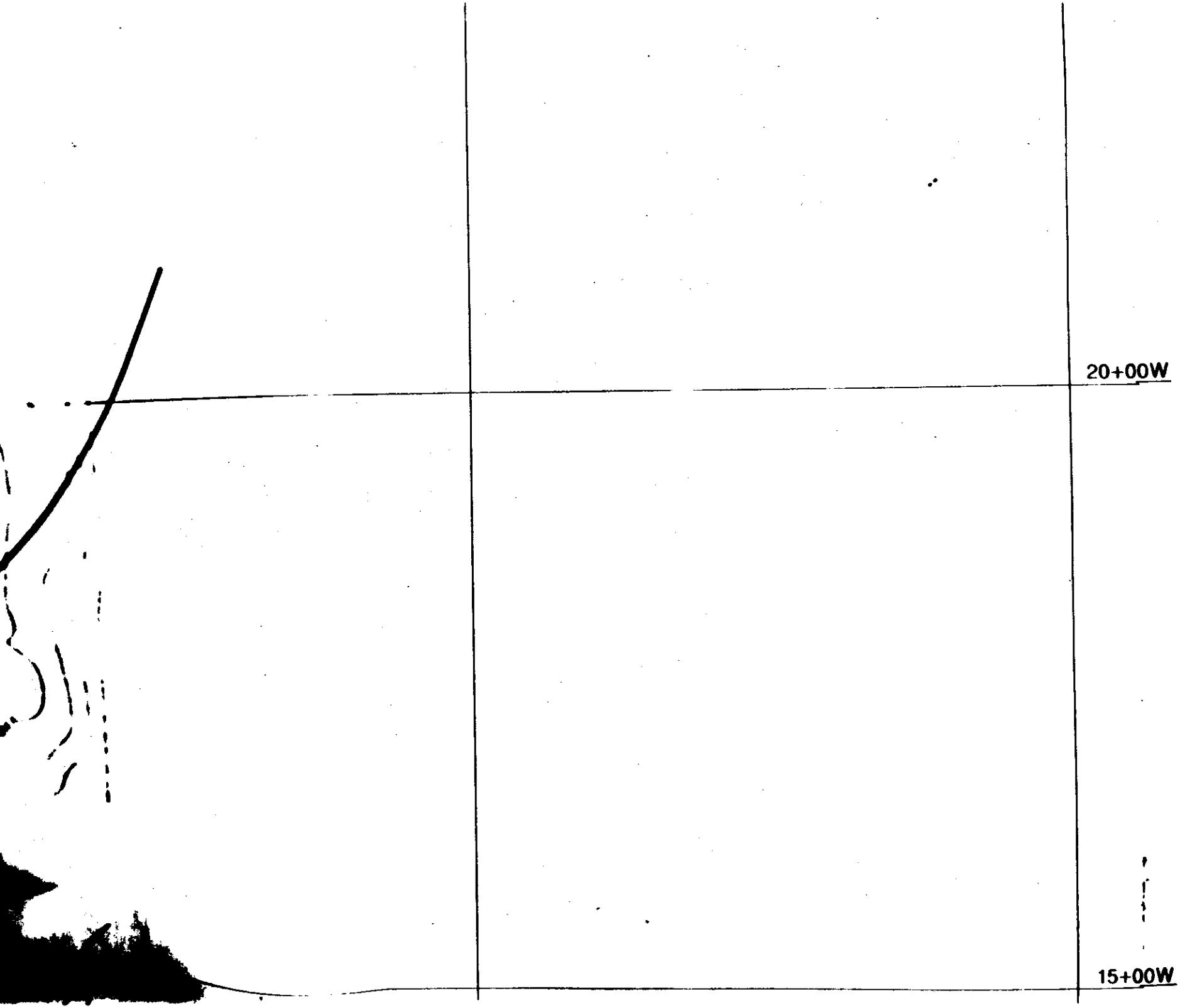
10+00N
5+00N
USSD
(729.70)

25+00W

20+00W

US5D
(729.70)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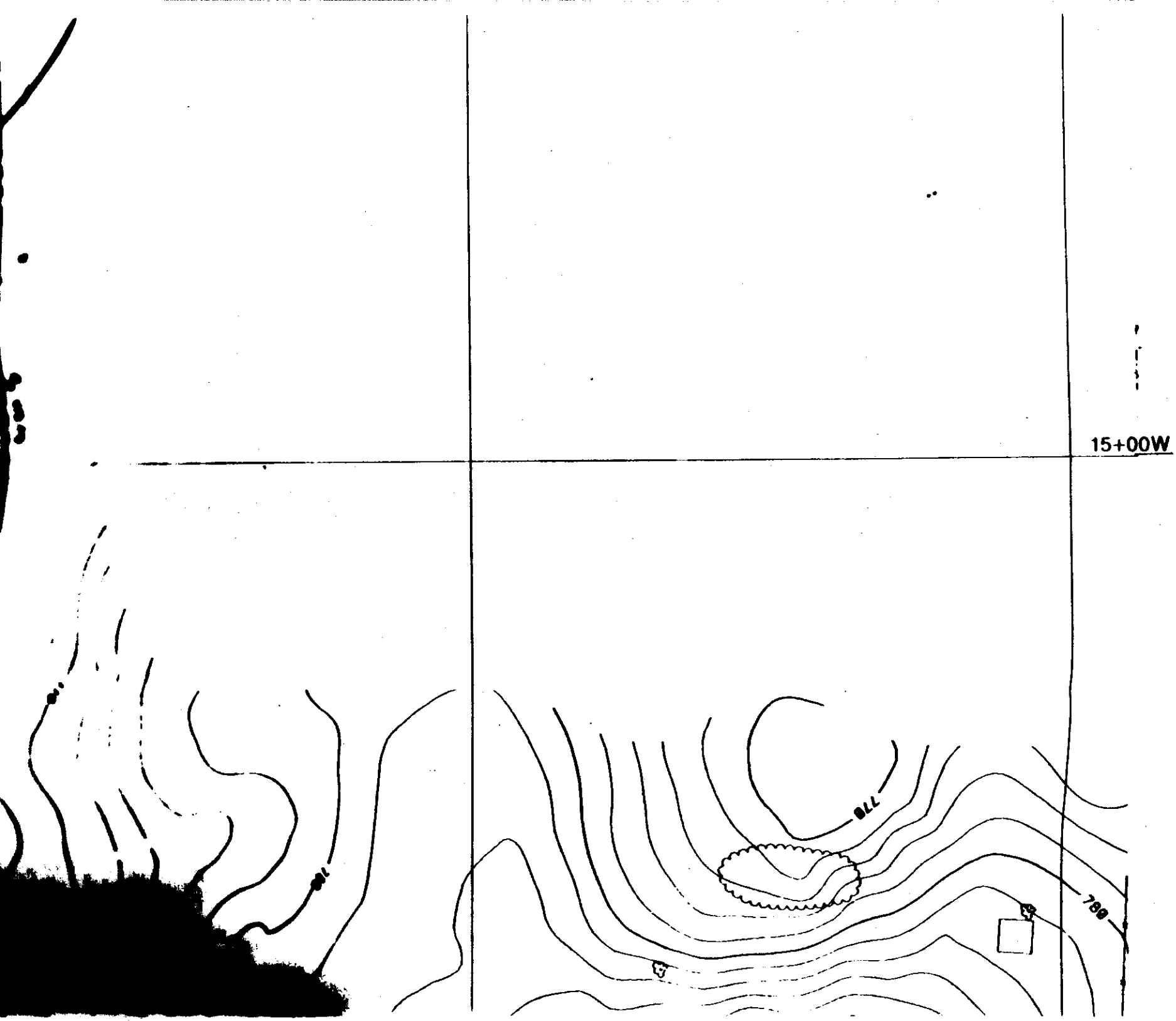
15+00W

20+00W

15+00W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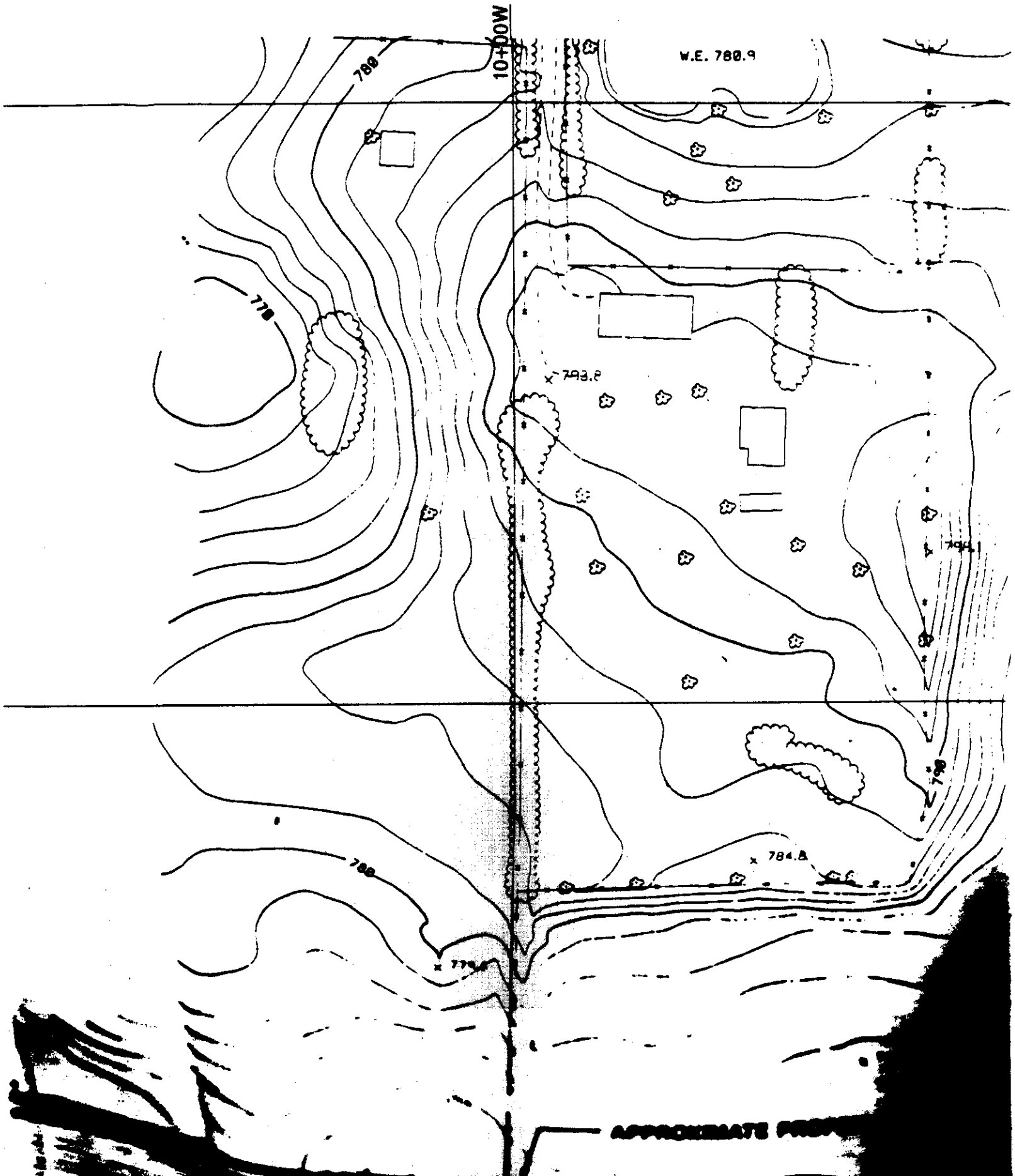
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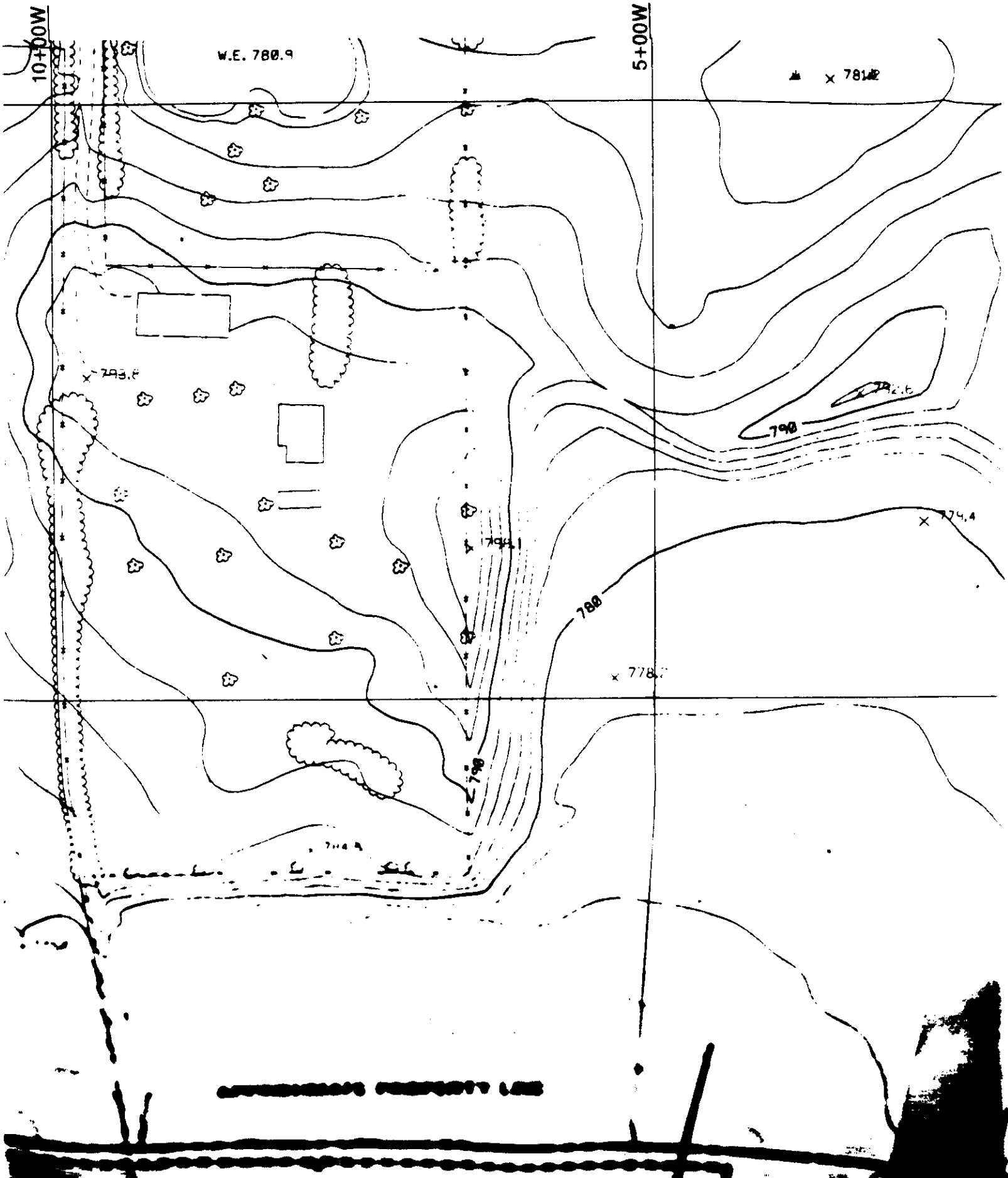
W.E. 780.9
780
770
793.2
784.8
APPROXIMATE PROP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5+00W
W.E. 780.9
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780
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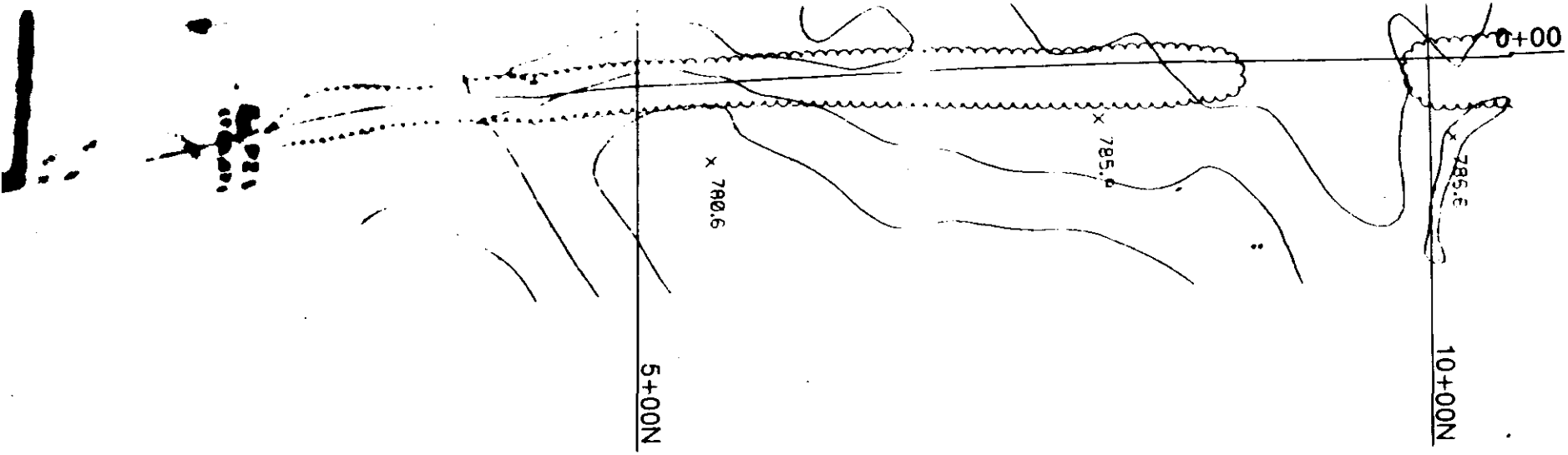

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Designed By:

Drawn By: JC

Checked By:

Approved By:

Date:

Reference:

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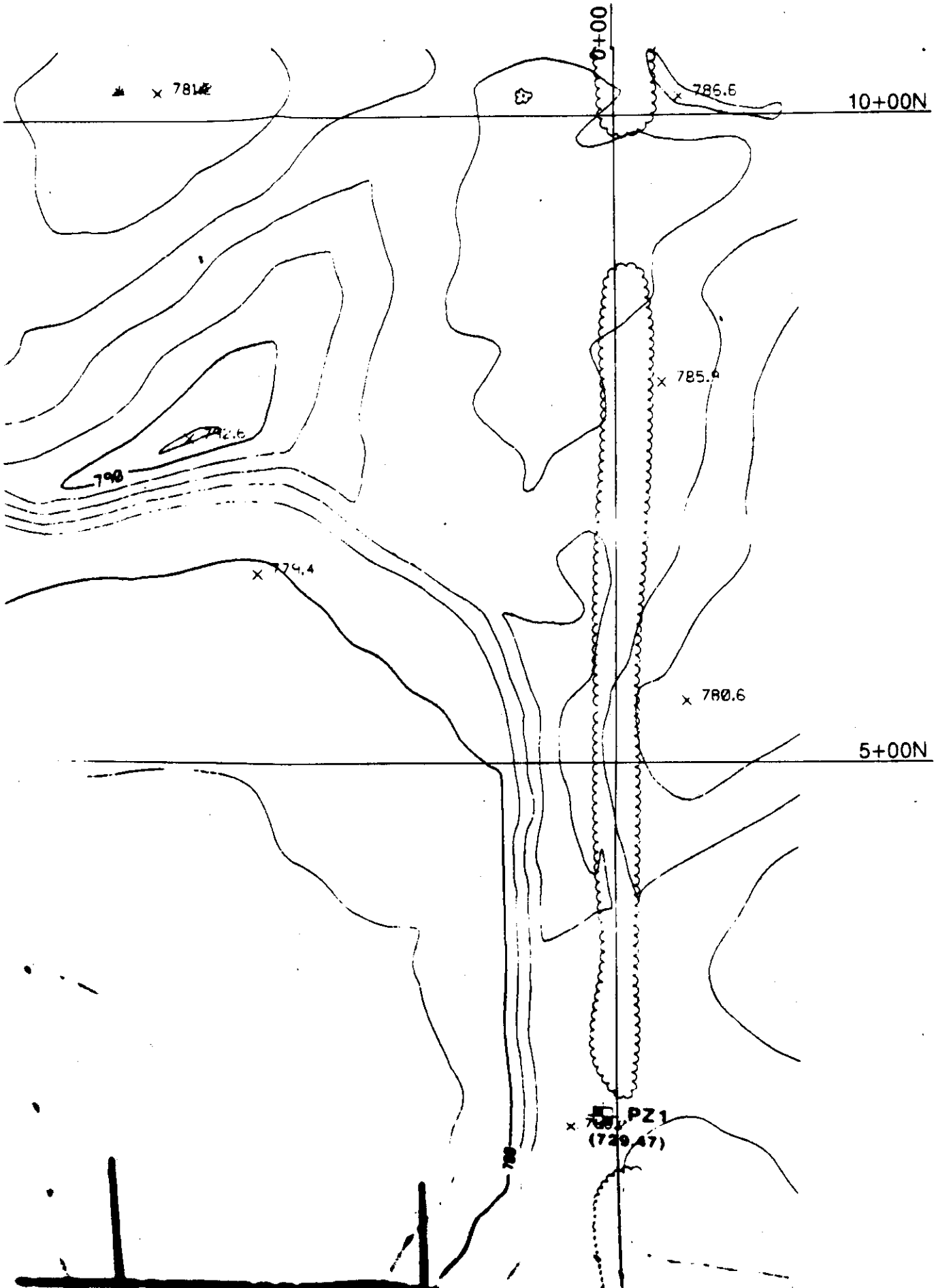
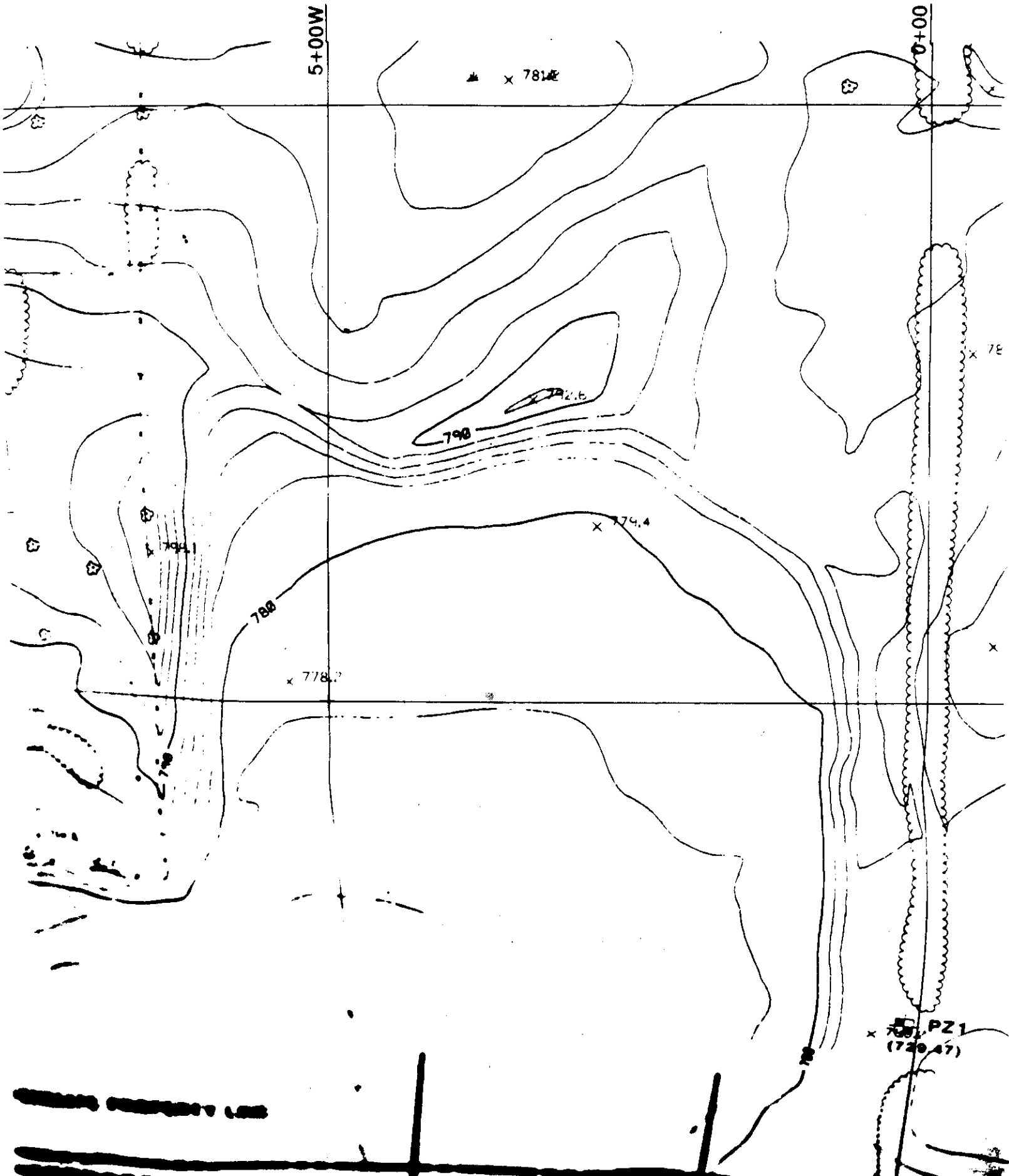

0+00
10+00N
5+00N
786.6
785.4
780.6
PZ1
(720.47)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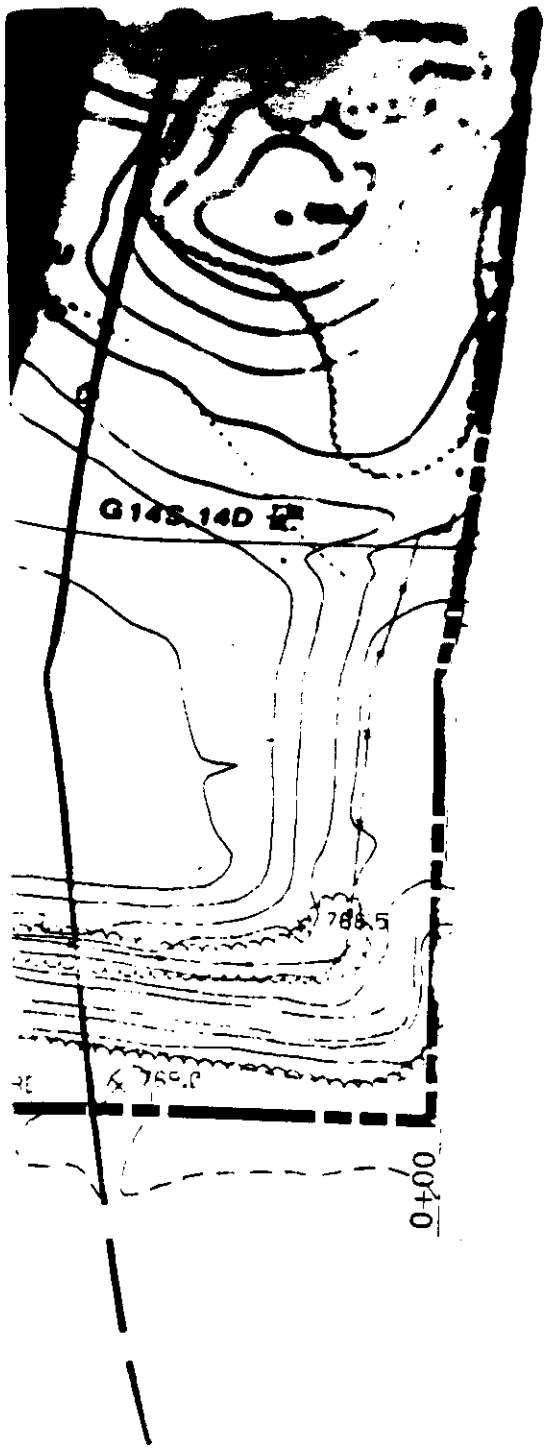
0+00
790
780
774.4
PZ1



US1S.D
(729.15)

north

0 100 200
SCALE IN FEET

PIEZOMETRIC SURFACE (4-23-90)
DEEP SAND AND GRAVEL AQUIFER

PRELIMINARY SITE EVALUATION REPORT

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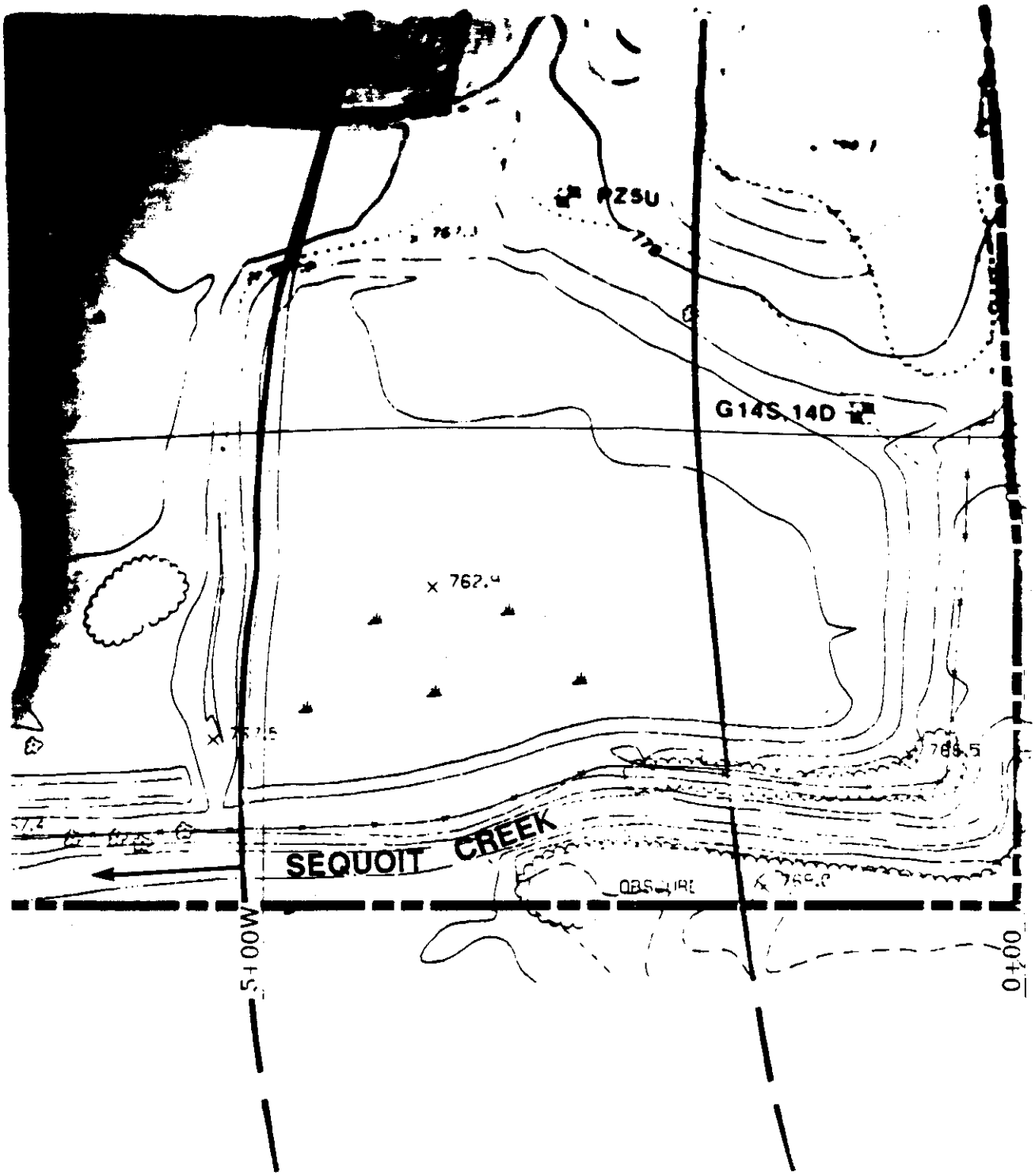
Sheet Numbe

Project Numb
60953



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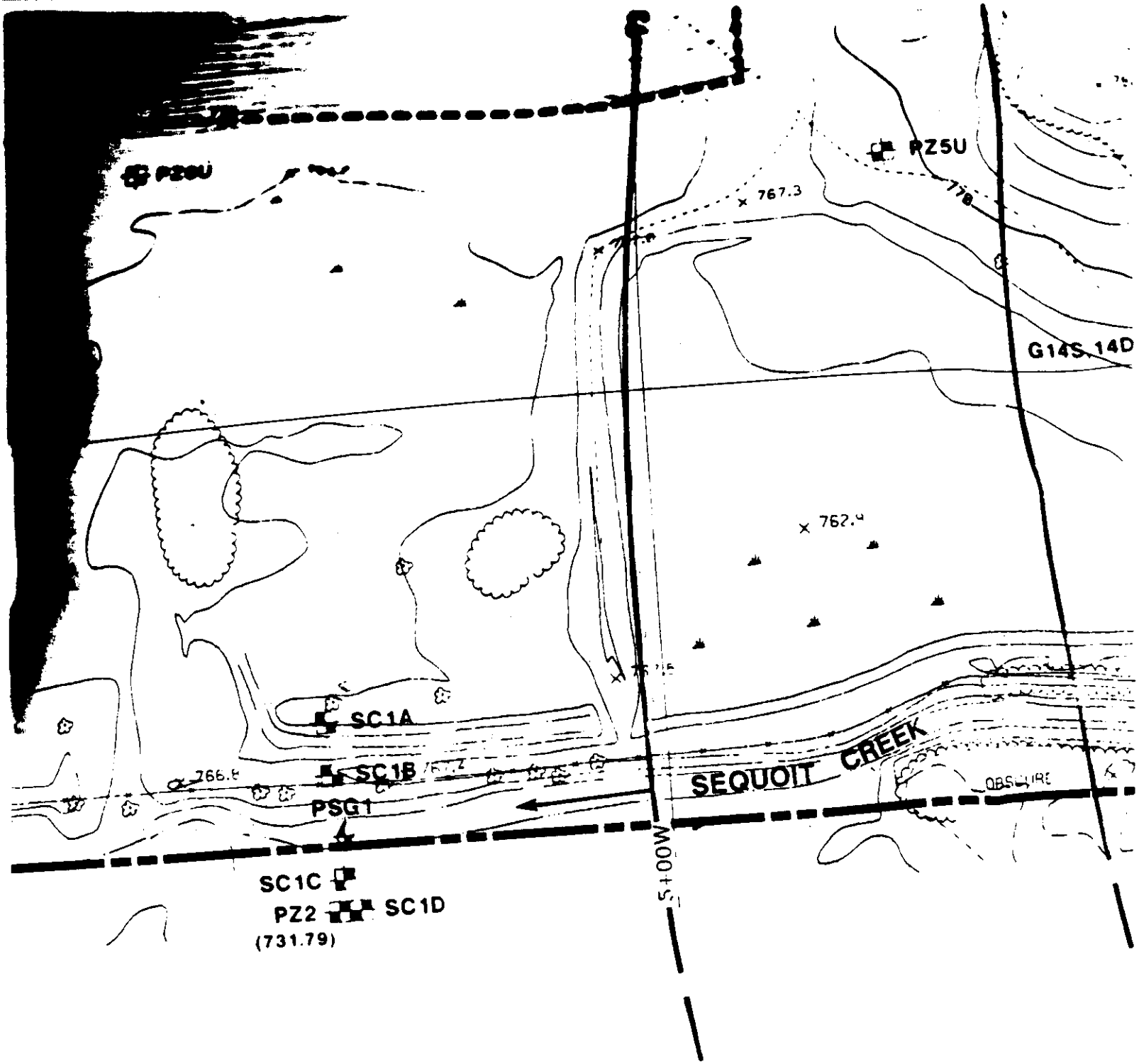
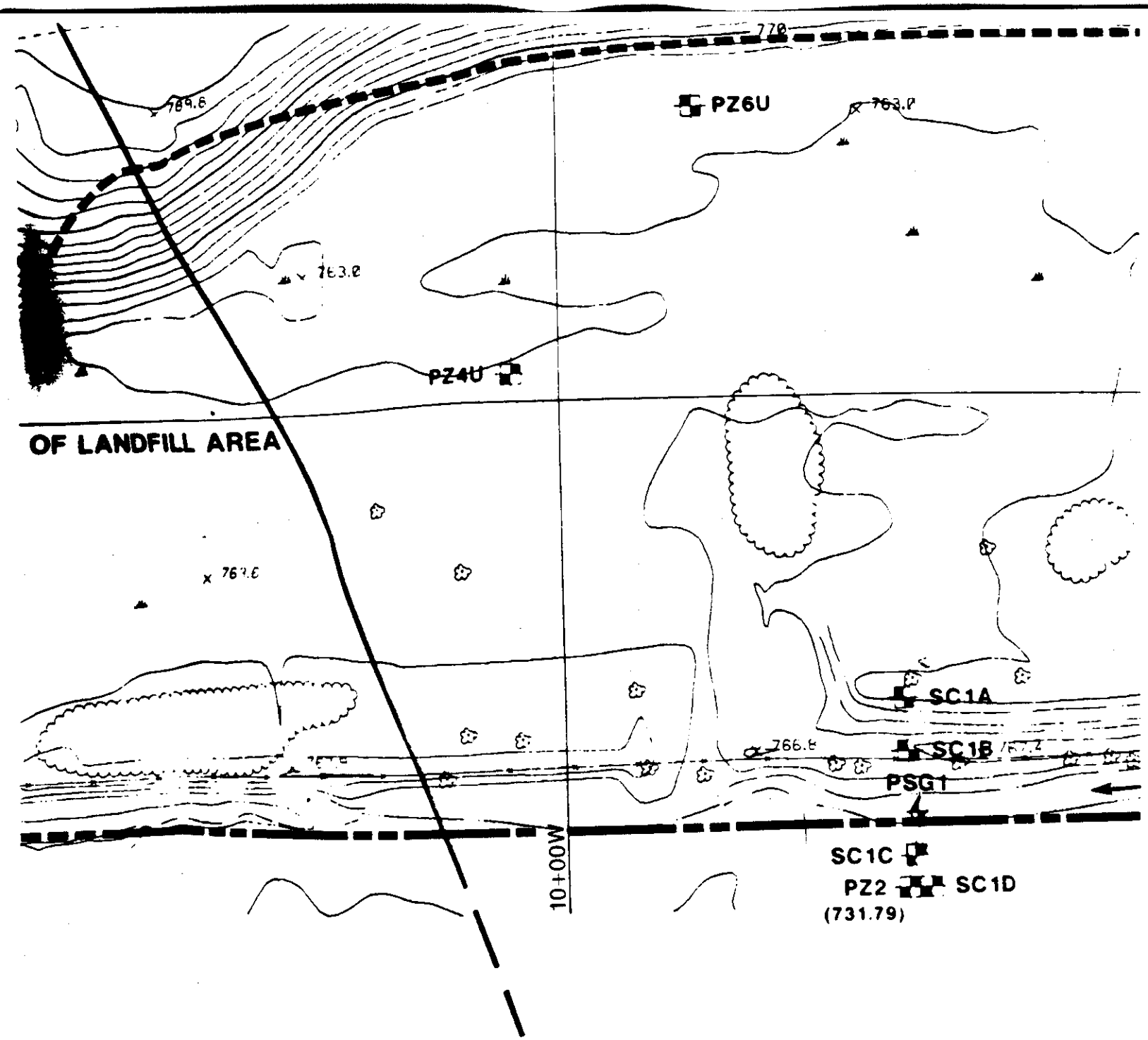
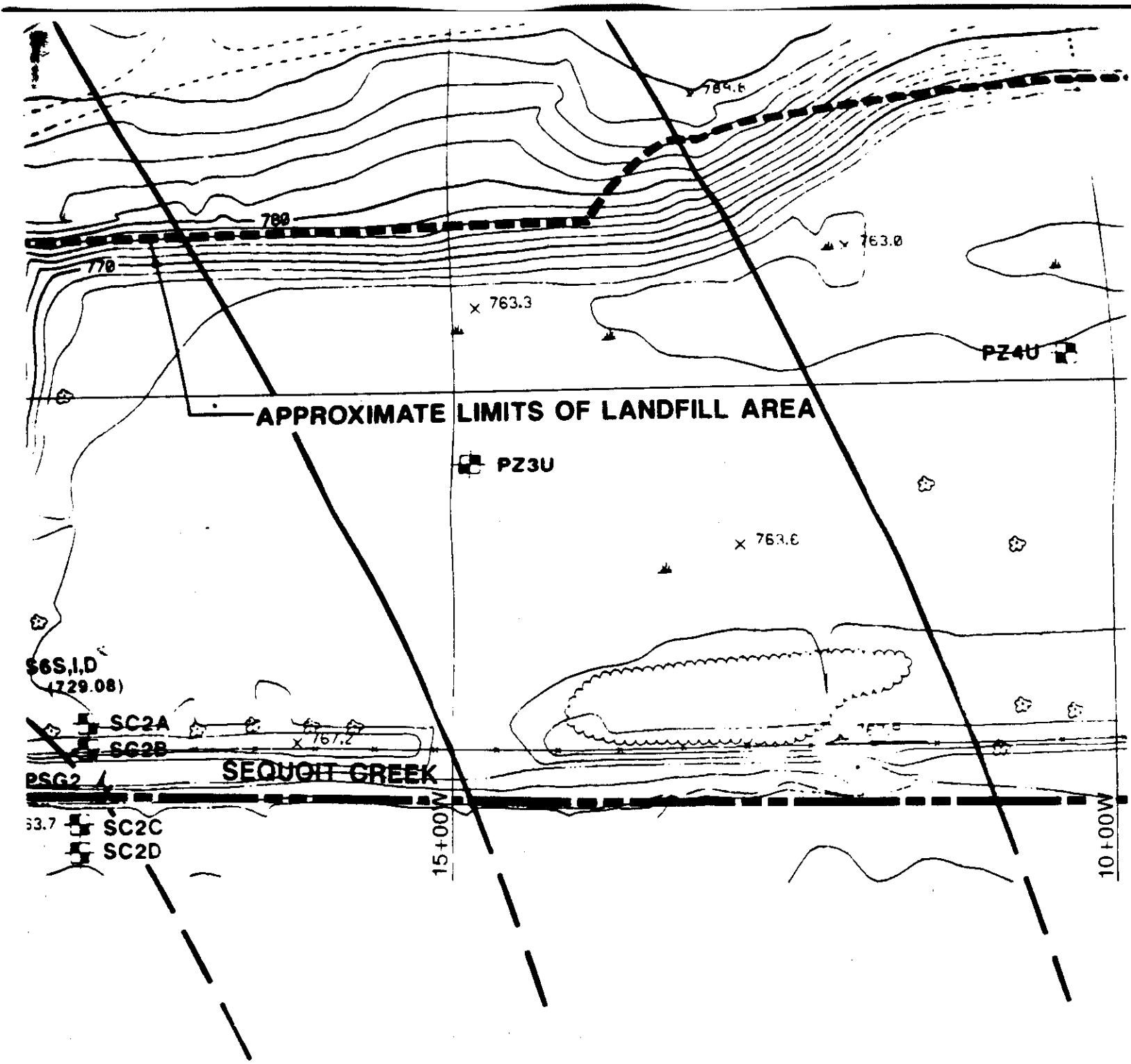
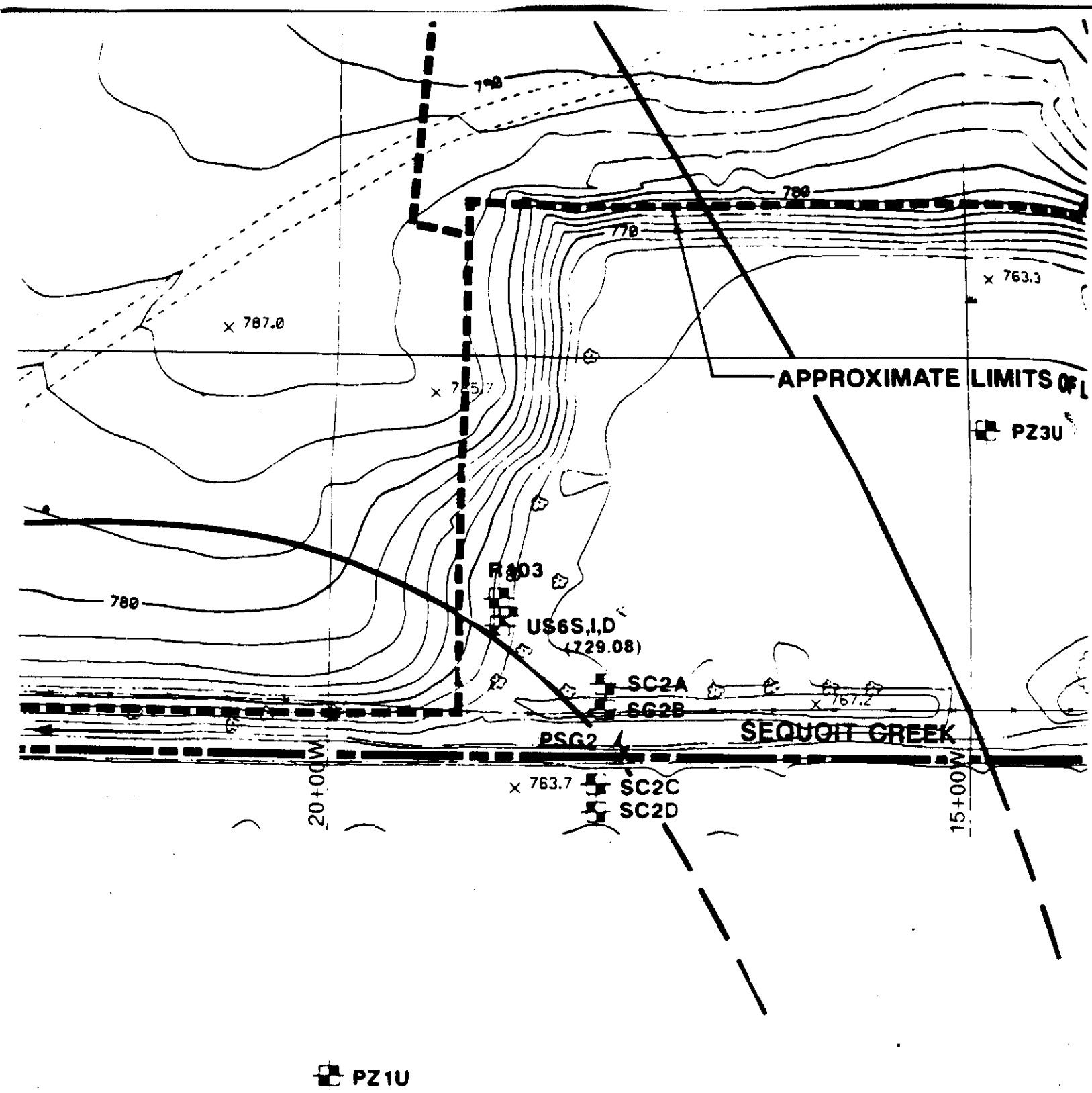
(729.15)

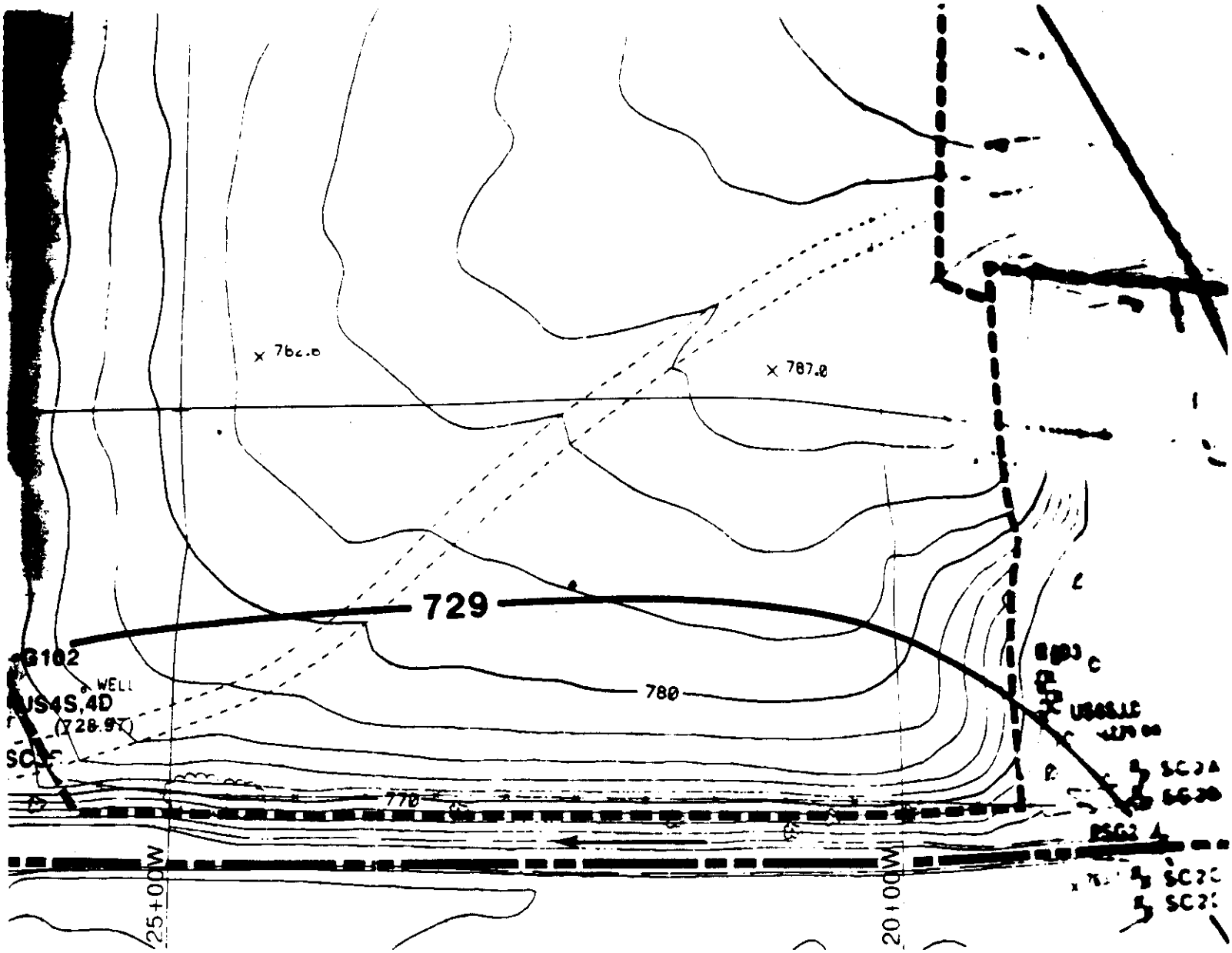

PZ5U
767.3
G14S, 14D
762.4
SC1A
SC1B
766.8
PSG1
SEQUOIT CREEK
5+00W
SC1C
PZ2
SC1D
(731.79)


770
PZ6U
763.0
763.0
PZ4U
OF LANDFILL AREA
SC1A
SC1B
PSG1
10+00W
SC1C
PZ2
SC1D
(731.79)


784.6
780
770
763.0
763.3
PZ4U
APPROXIMATE LIMITS OF LANDFILL AREA
PZ3U
763.6
S6S,I,D
(729.08)
SC2A
SC2B
767.2
SEQUOIT CREEK
PSG2
SC2C
SC2D
15+00W
10+00W

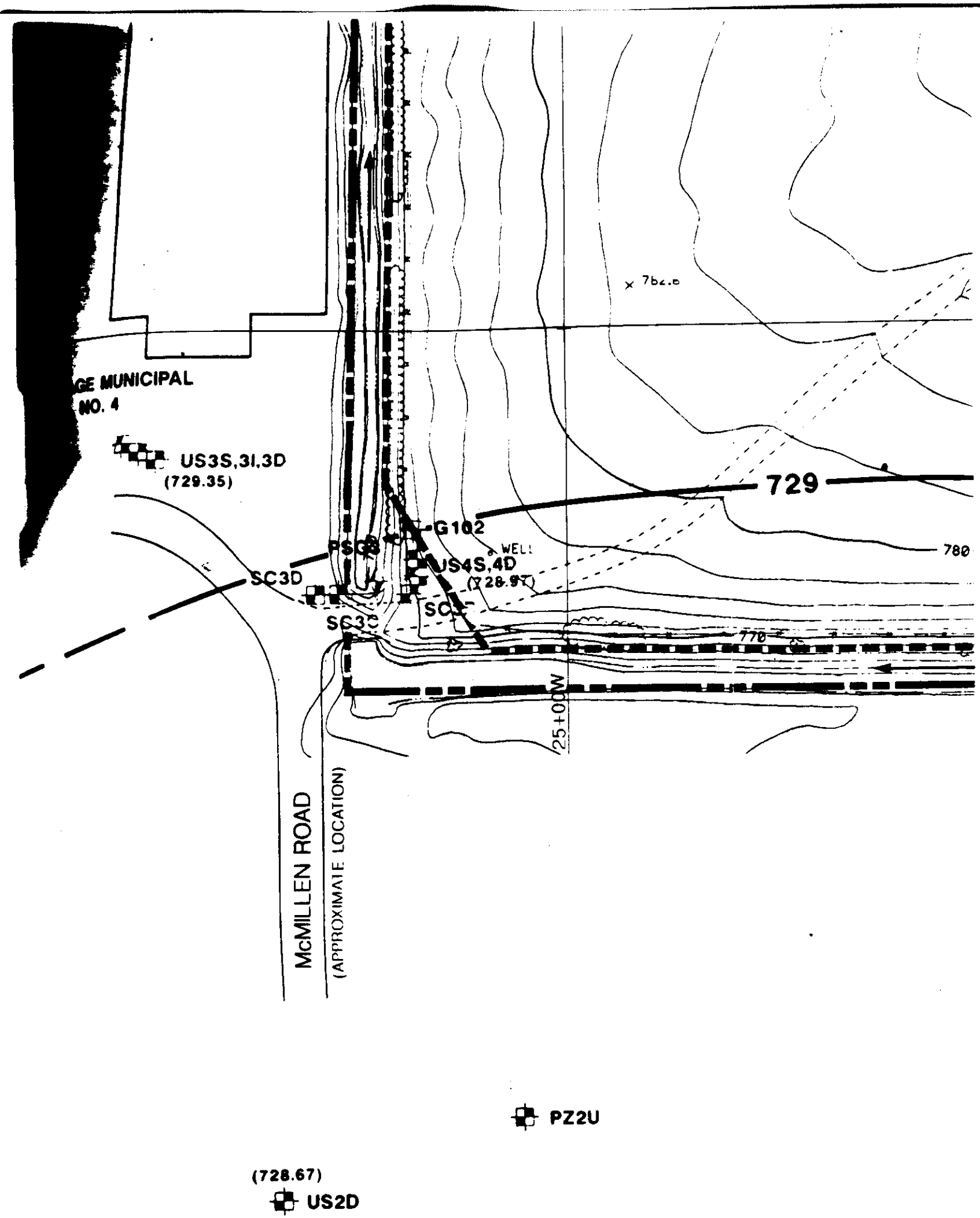

790
780
770
763.3
787.0
APPROXIMATE LIMITS OF
PZ3U
R803
US6S,I,D
(729.08)
780
SC2A
SC2B
767.2
SEQUOIT CREEK
PSG2
763.7
SC2C
SC2D
20+00W
15+00W

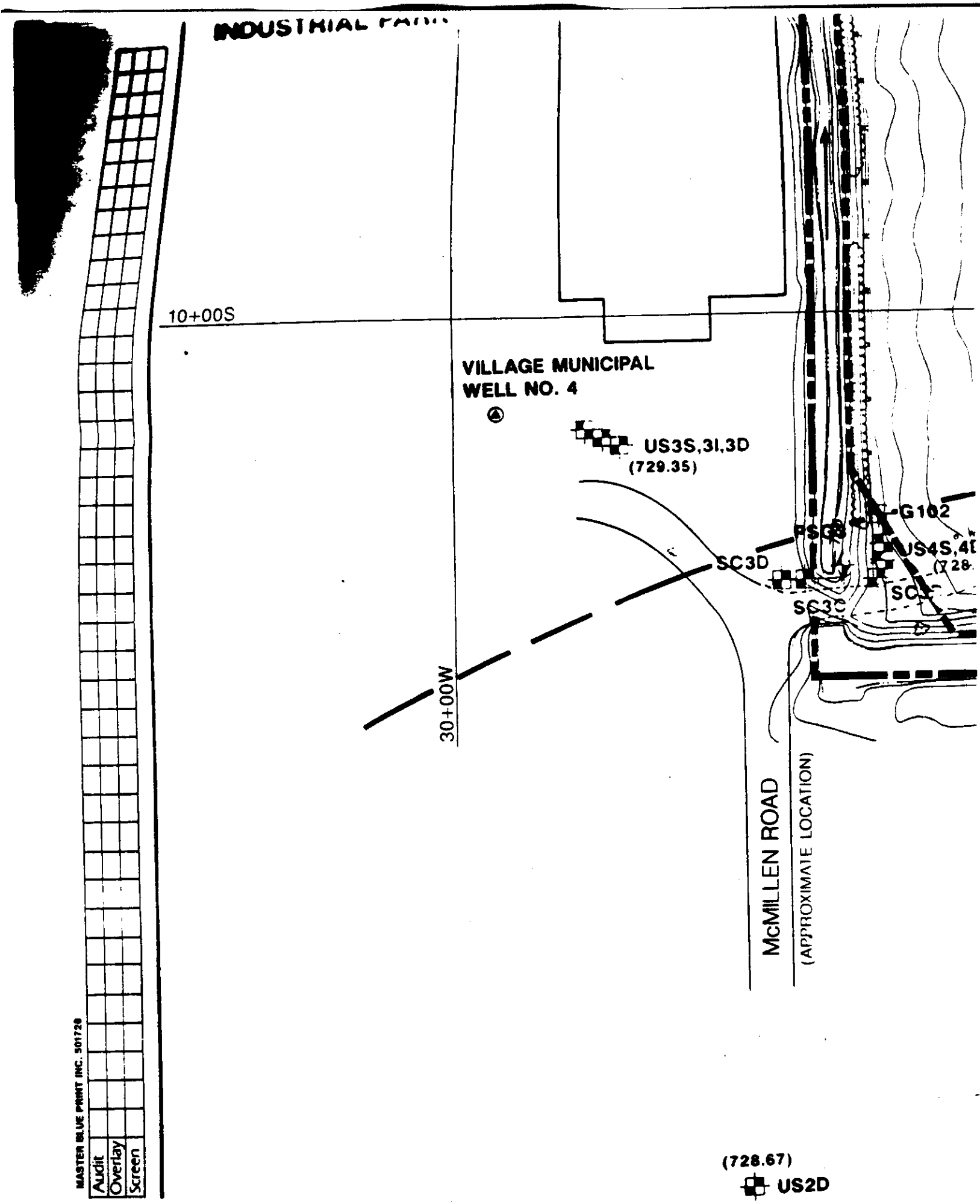
PZ1U



PZ1U

PZ2U


GE MUNICIPAL
NO. 4
US3S,3I,3D
(729.35)
729
G102
PSC3
WELL
US4S,4D
(728.97)
SC3D
SC3S
780
770
25+00W
McMILLEN ROAD
(APPROXIMATE LOCATION)
PZ2U
(728.67)
US2D



MASTER BLUE PRINT INC. 301728
Audit
Overlay
Screen

30+00W

10+00N

5+00N

USSD

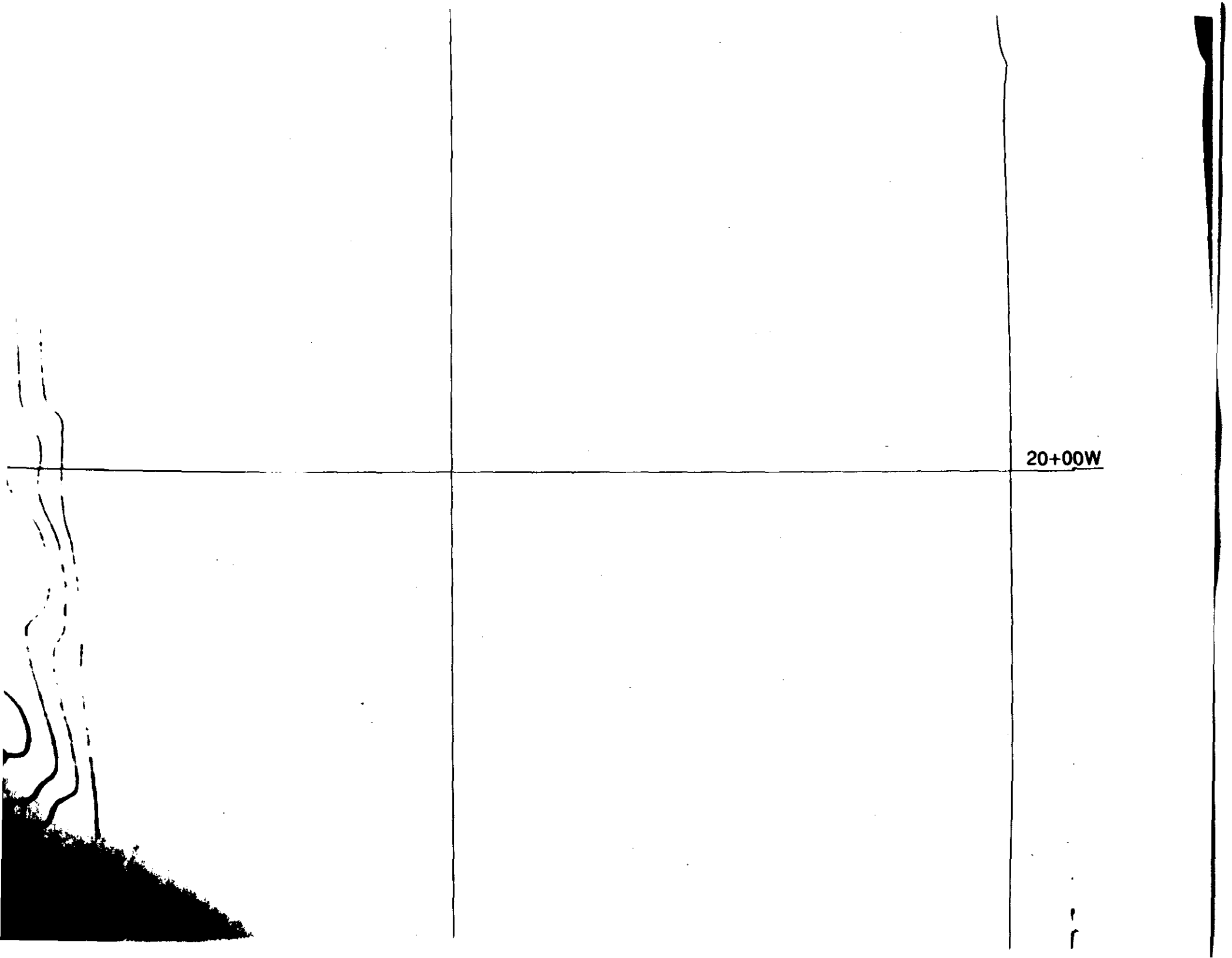
30+00W

25+00W

USSD

25+00W

20+00W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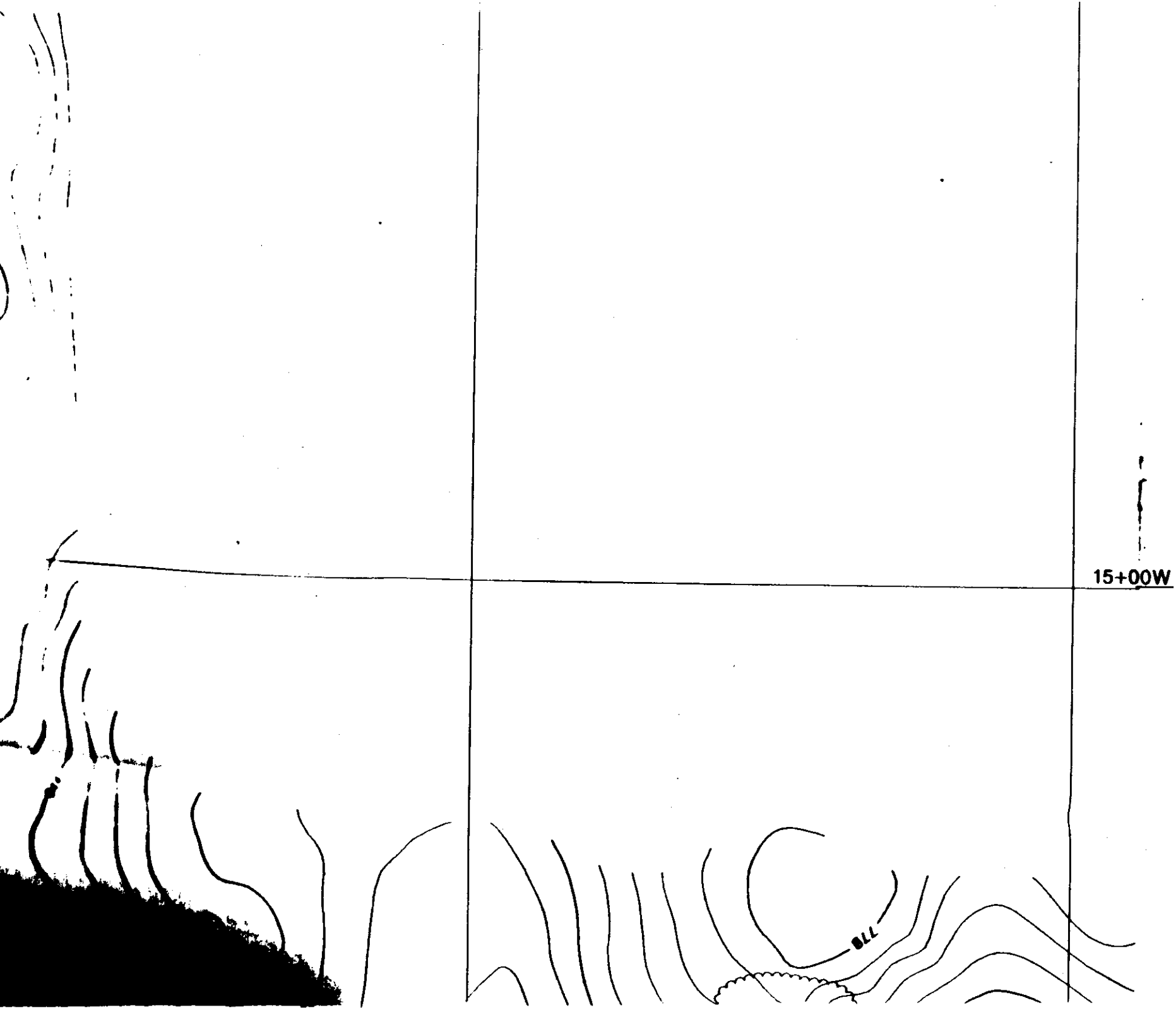
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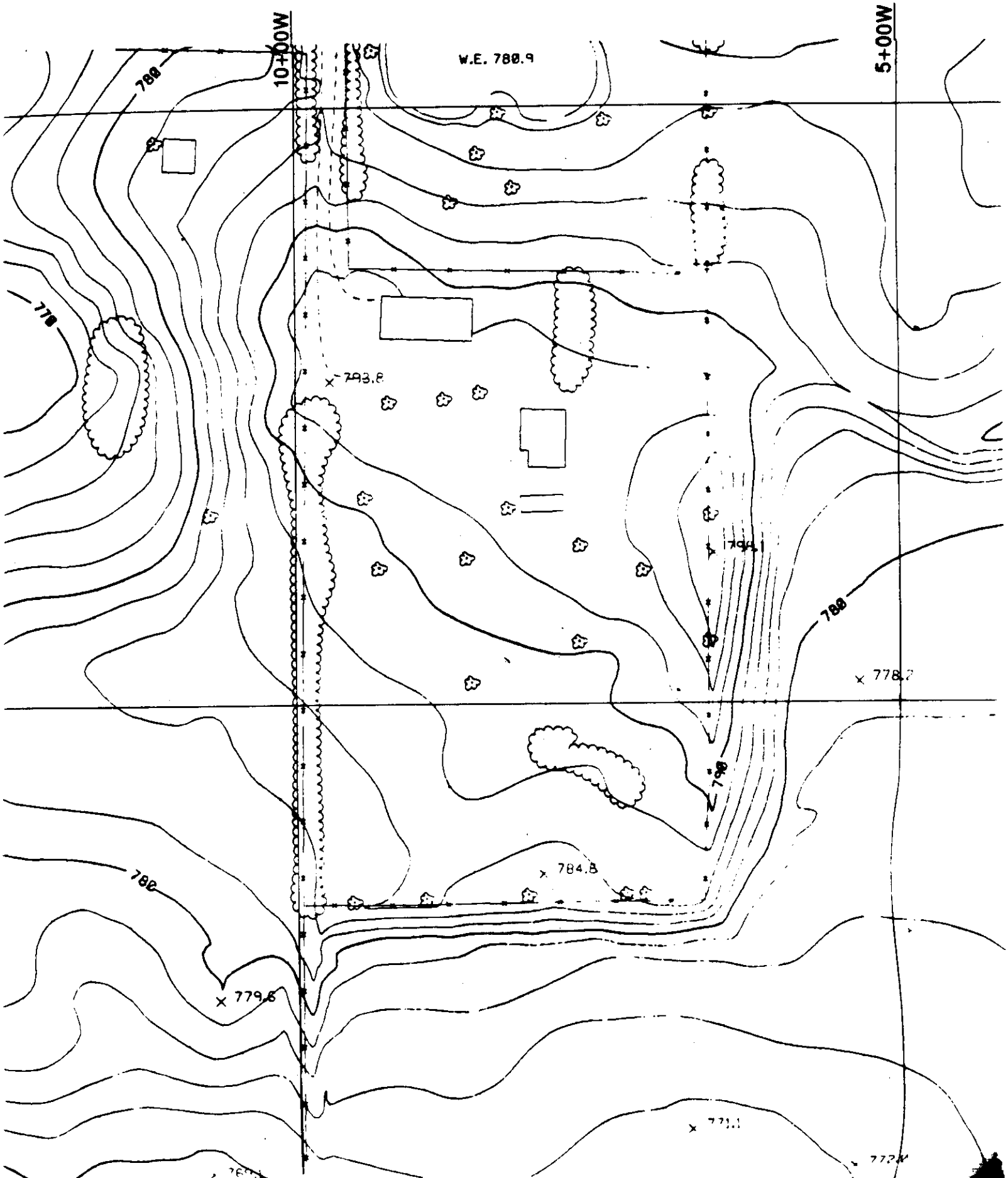
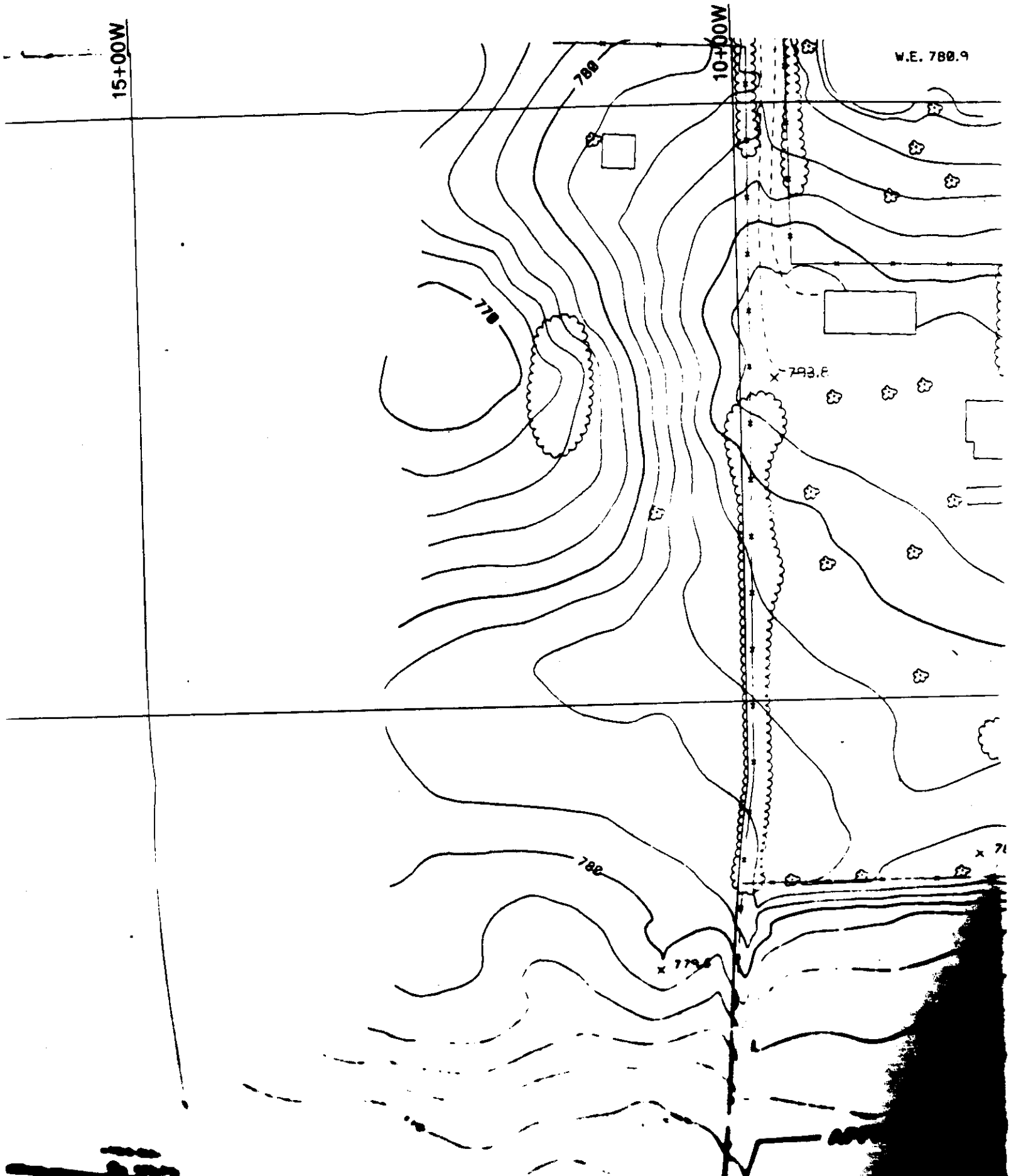
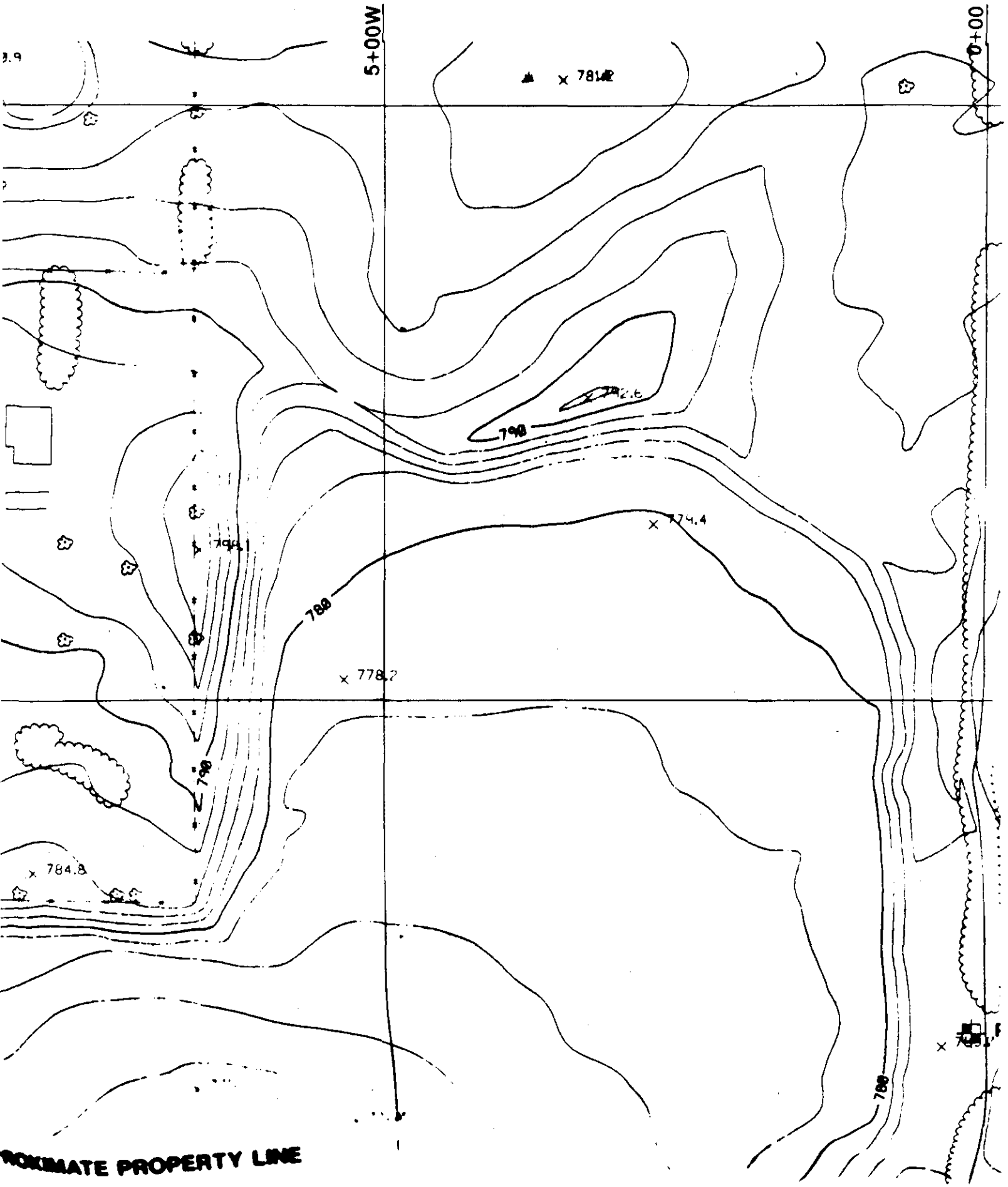
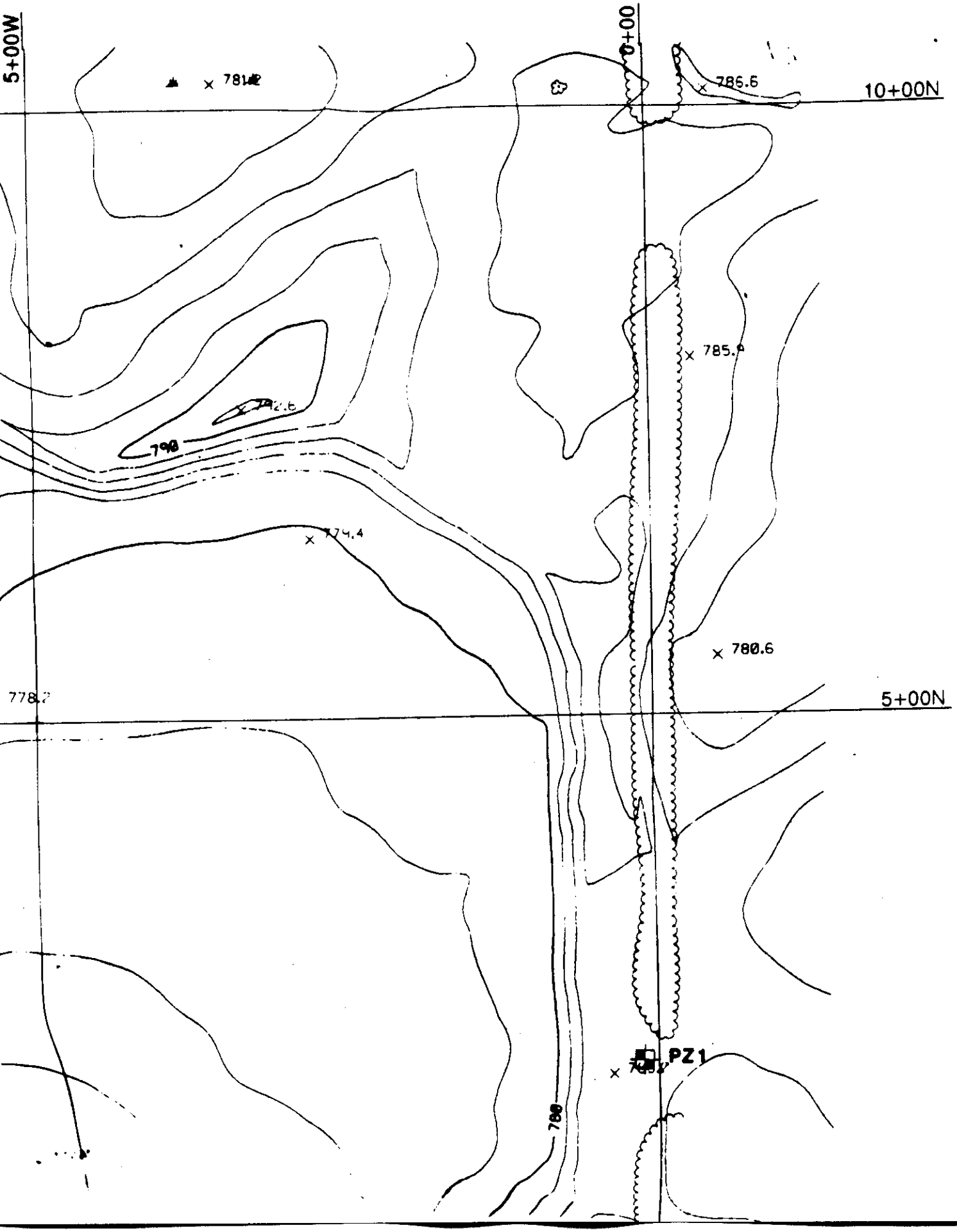
BLL


10+00W
5+00W
W.E. 780.9
780
770
793.8
794.1
780
778.2
790
784.8
780
779.6
771.1


15+00W
10+00W
W.E. 780.9
780
770
793.8
780
779.8


5+00W
0+00
781.2
792.6
790
774.4
780
778.2
790
784.8
780
ROXIMATE PROPERTY LINE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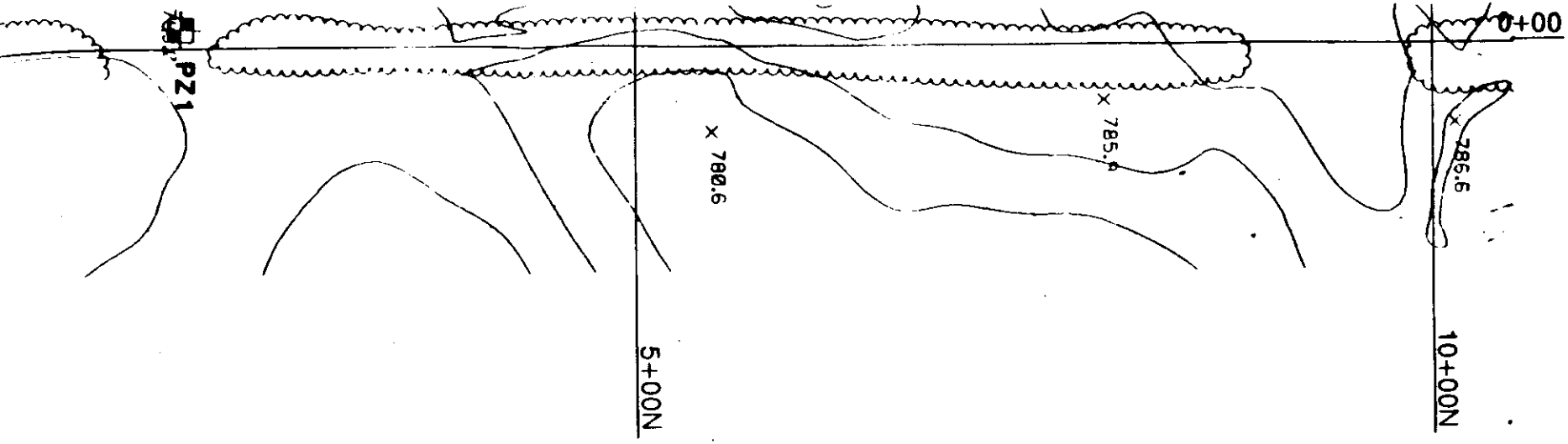
0+00
10+00N
5+00N
786.6
785.0
780.6
PZ1
790
780



WARZYN

WARZYN ENGINEERING INC.

Designed By:

Drawn By: JC

Checked By:

Approved By:

Date:

Reference:

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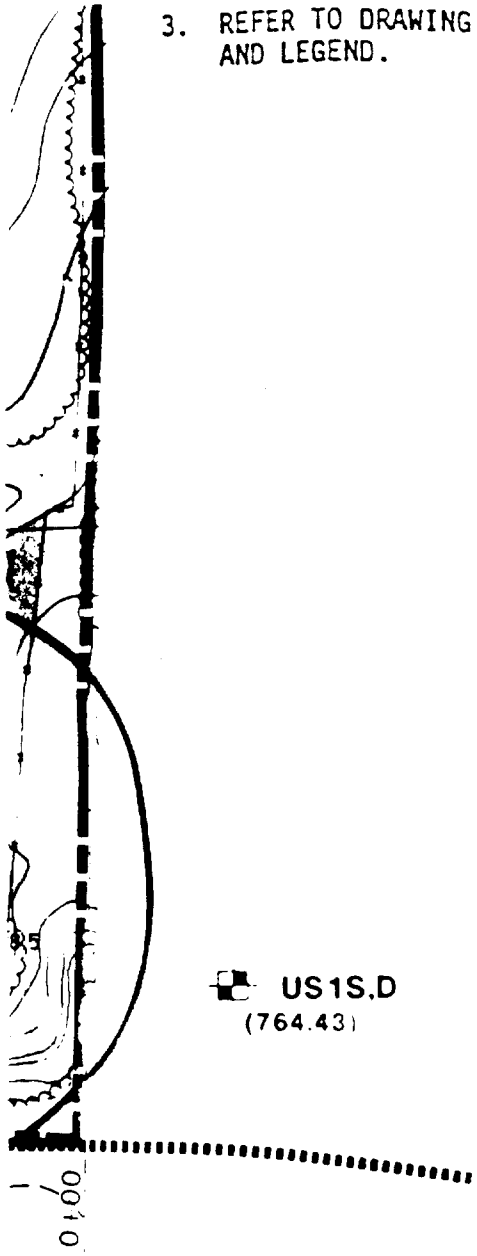
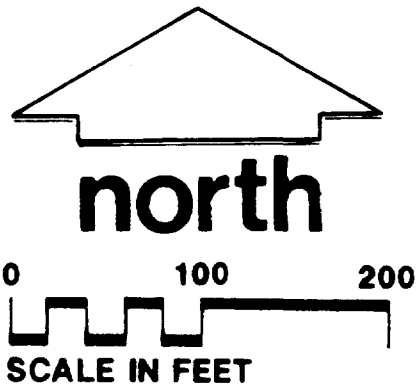
3. REFER TO DRAWING 60953-F1 FOR ADDITIONAL NOTES AND LEGEND.





WATER TABLE MAP (4-23-90)
SURFICIAL SAND

PRELIMINARY SITE EVALUATION REPORT

H.O.D. LANDFILL RI/FS

ANTIOCH, ILLINOIS

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Sheet Number 8 OF 10

Project Number 60953 **F8**

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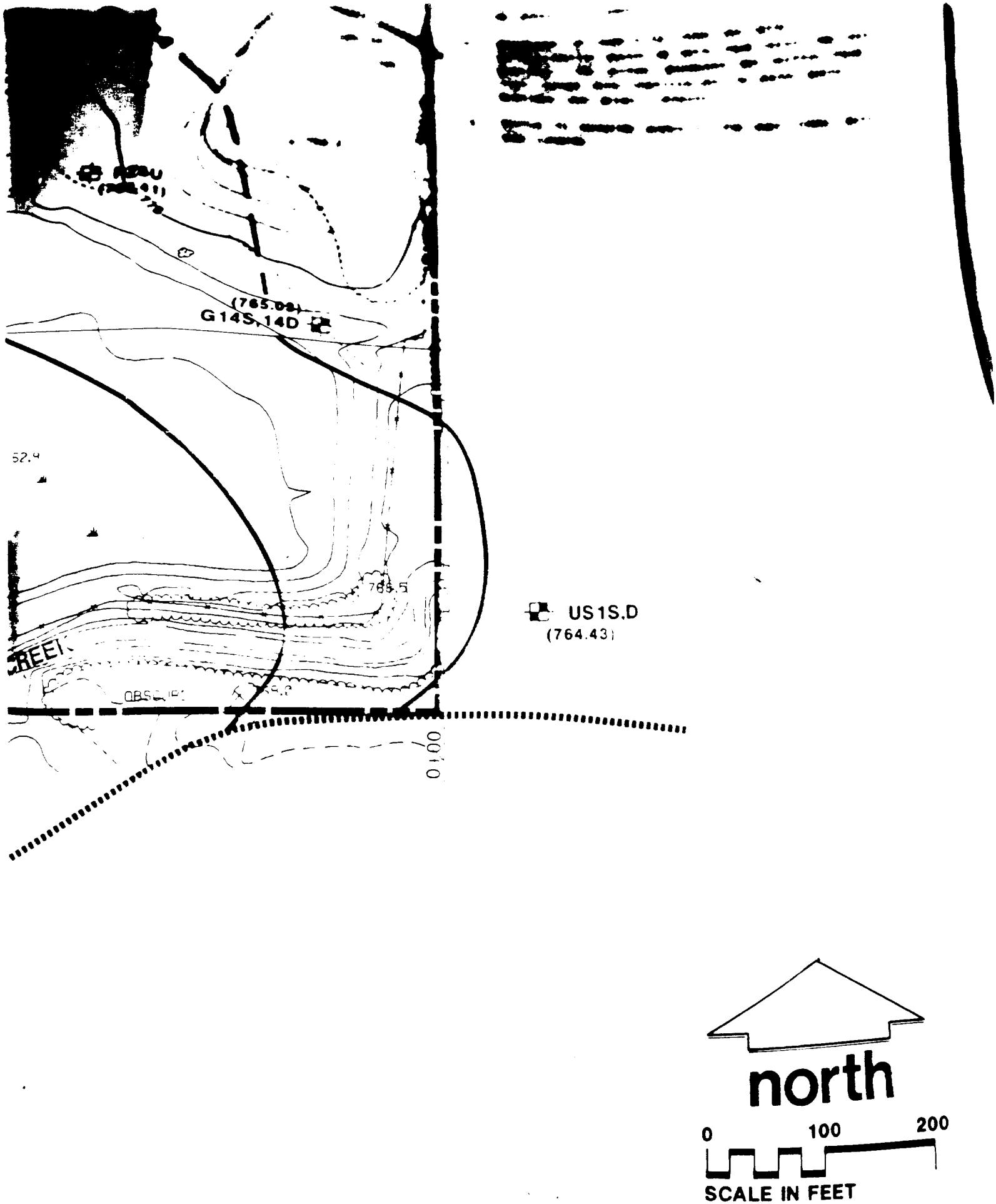
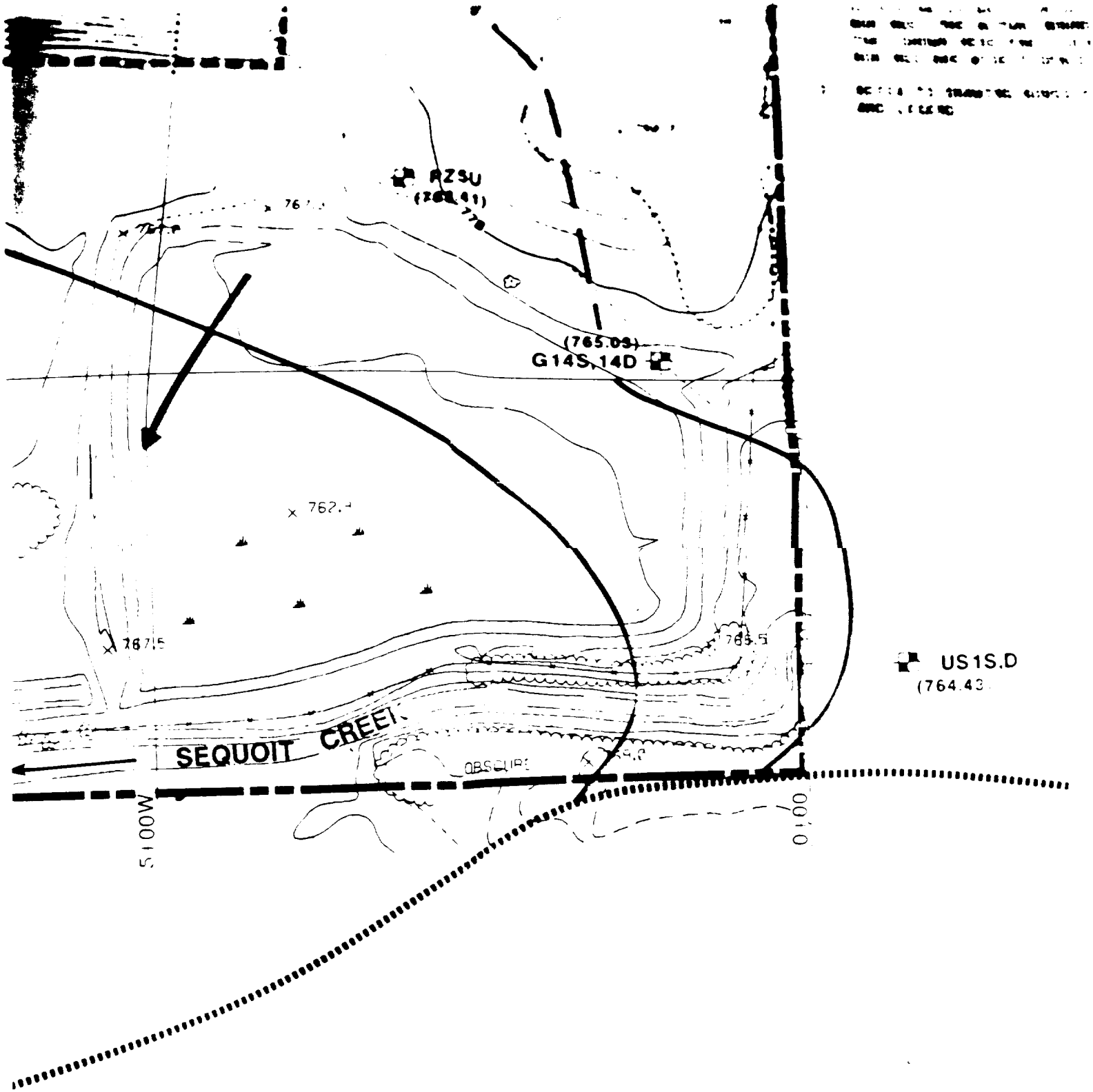
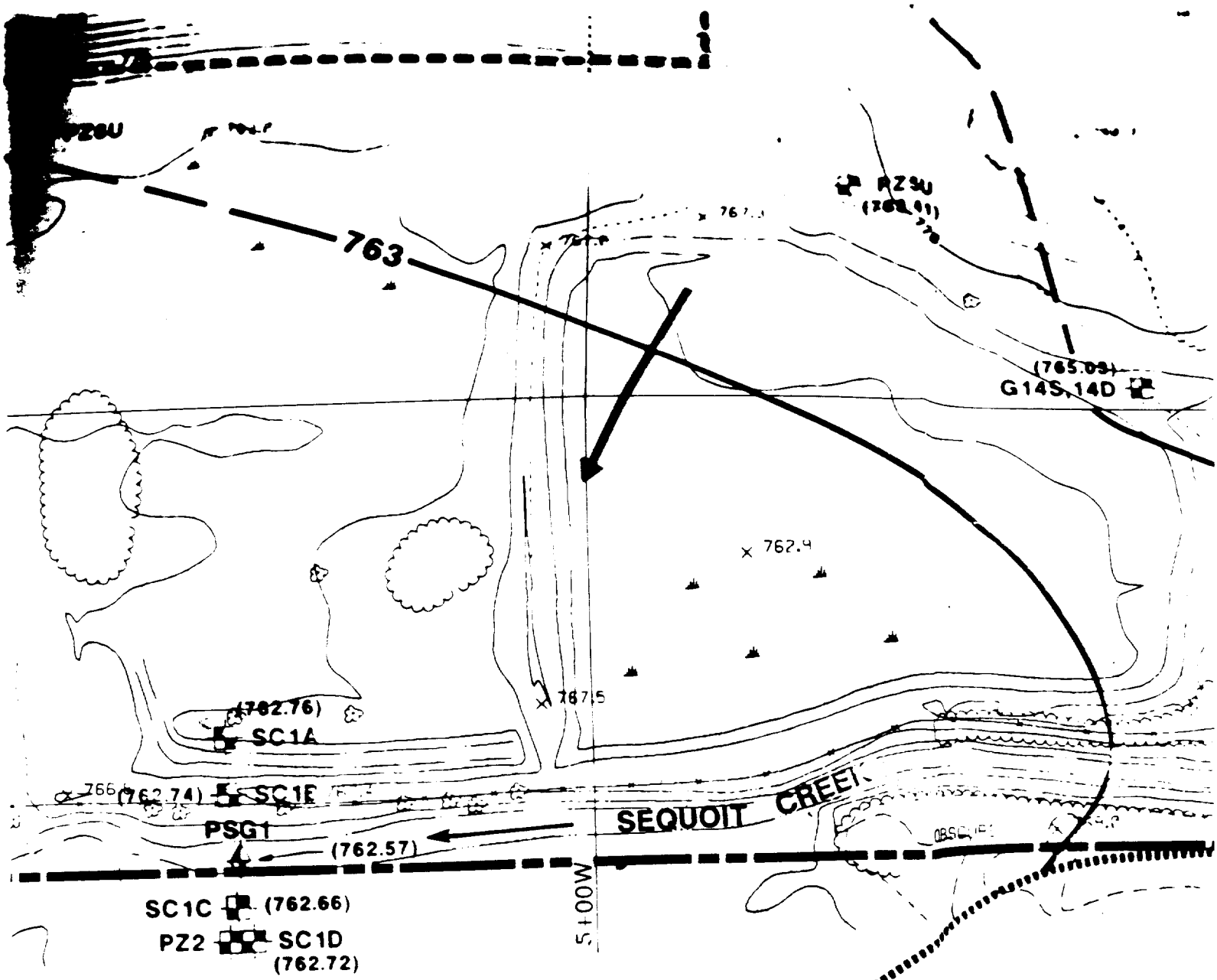
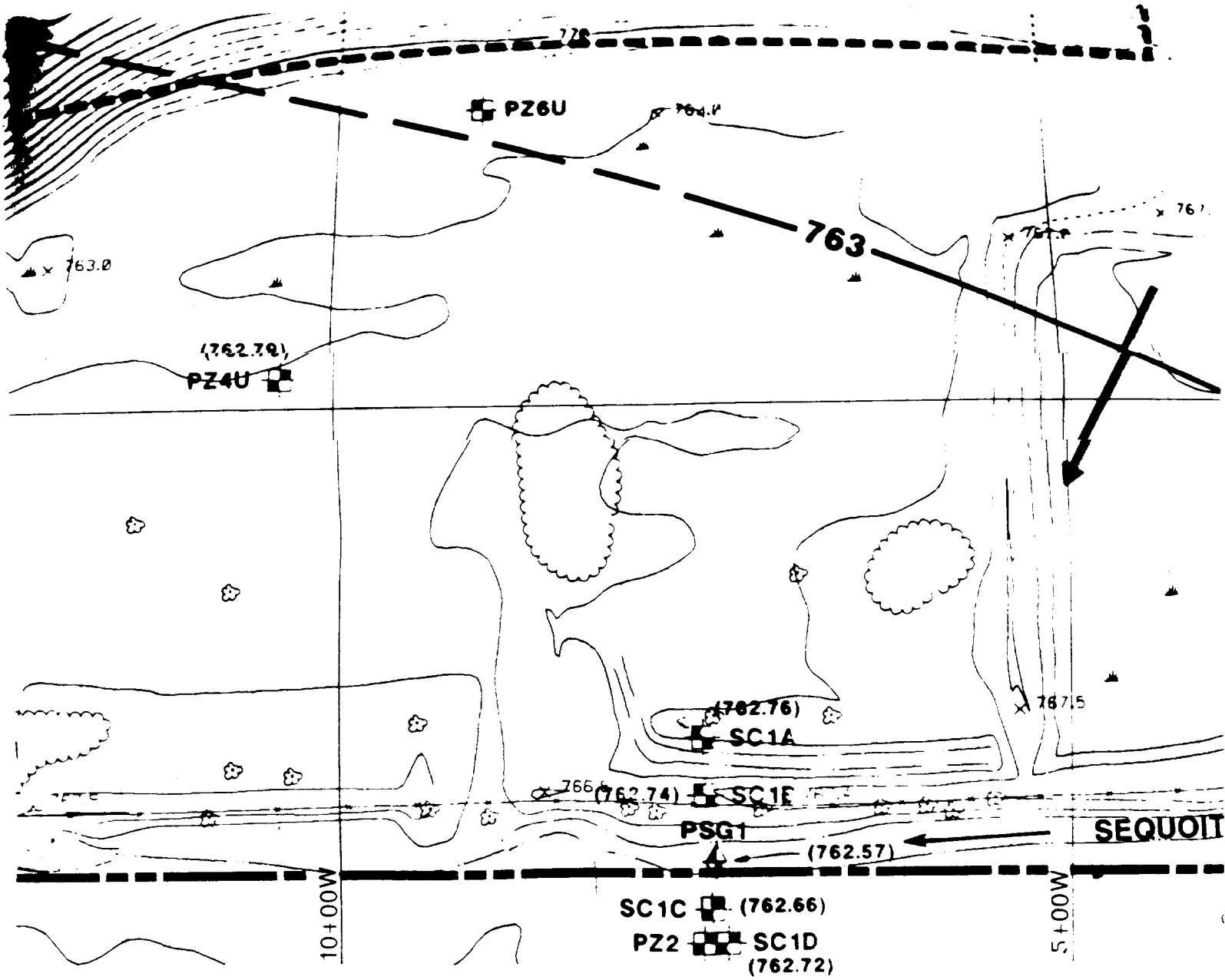
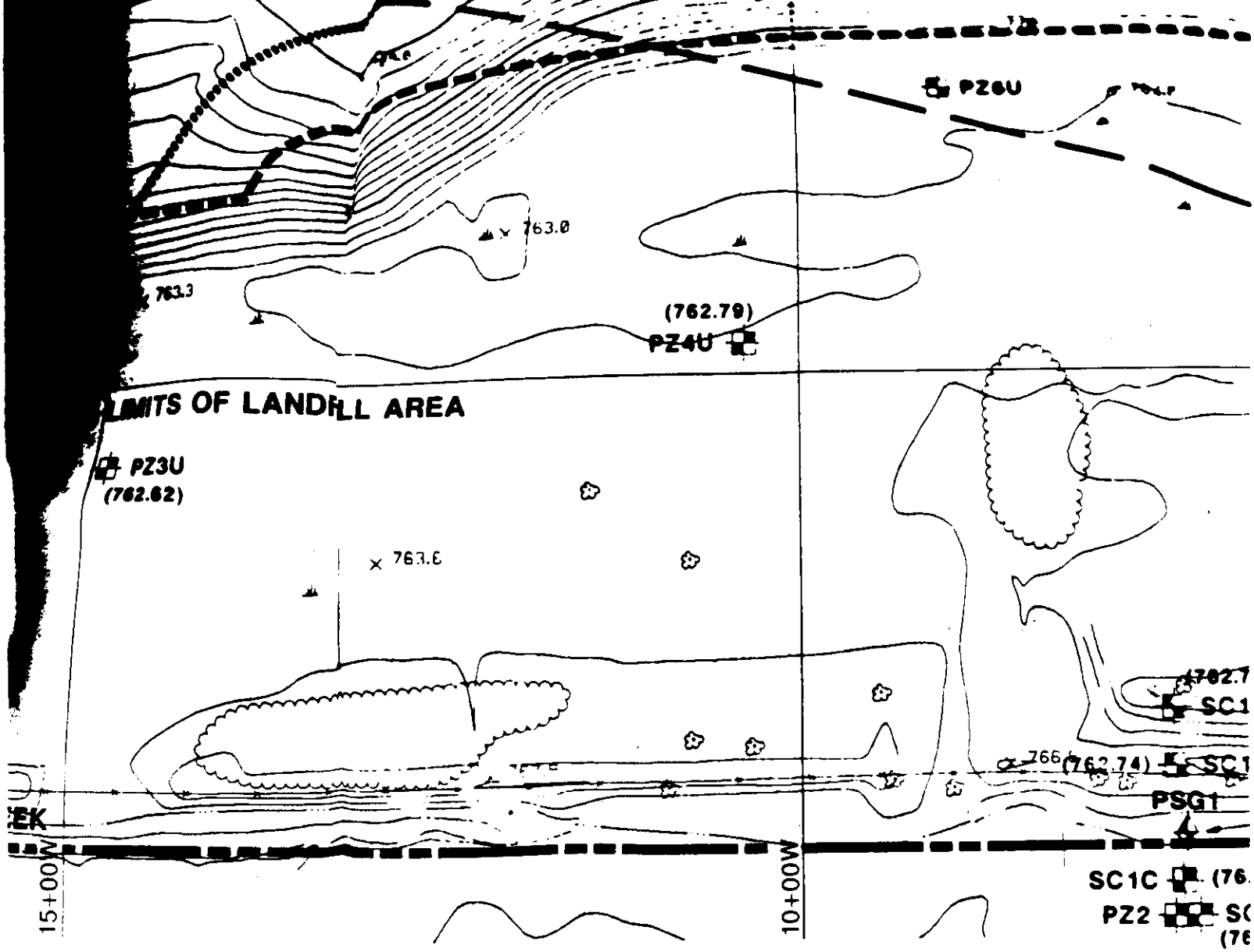


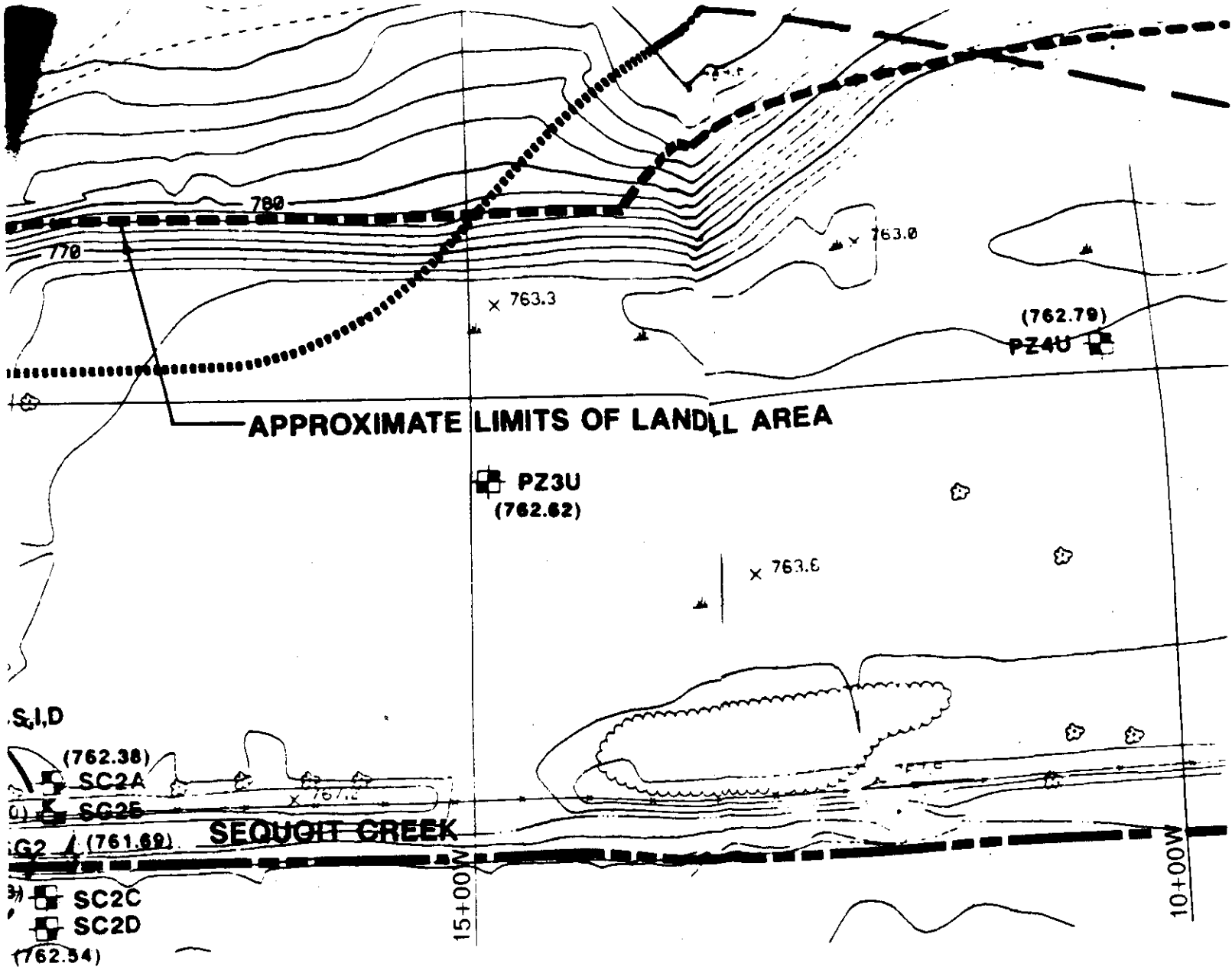
(765.09)
G14S,14D
52.9
765.5
US1S,D
(764.43)
CREEK
OBSCURE
north
0
100
200
SCALE IN FEET

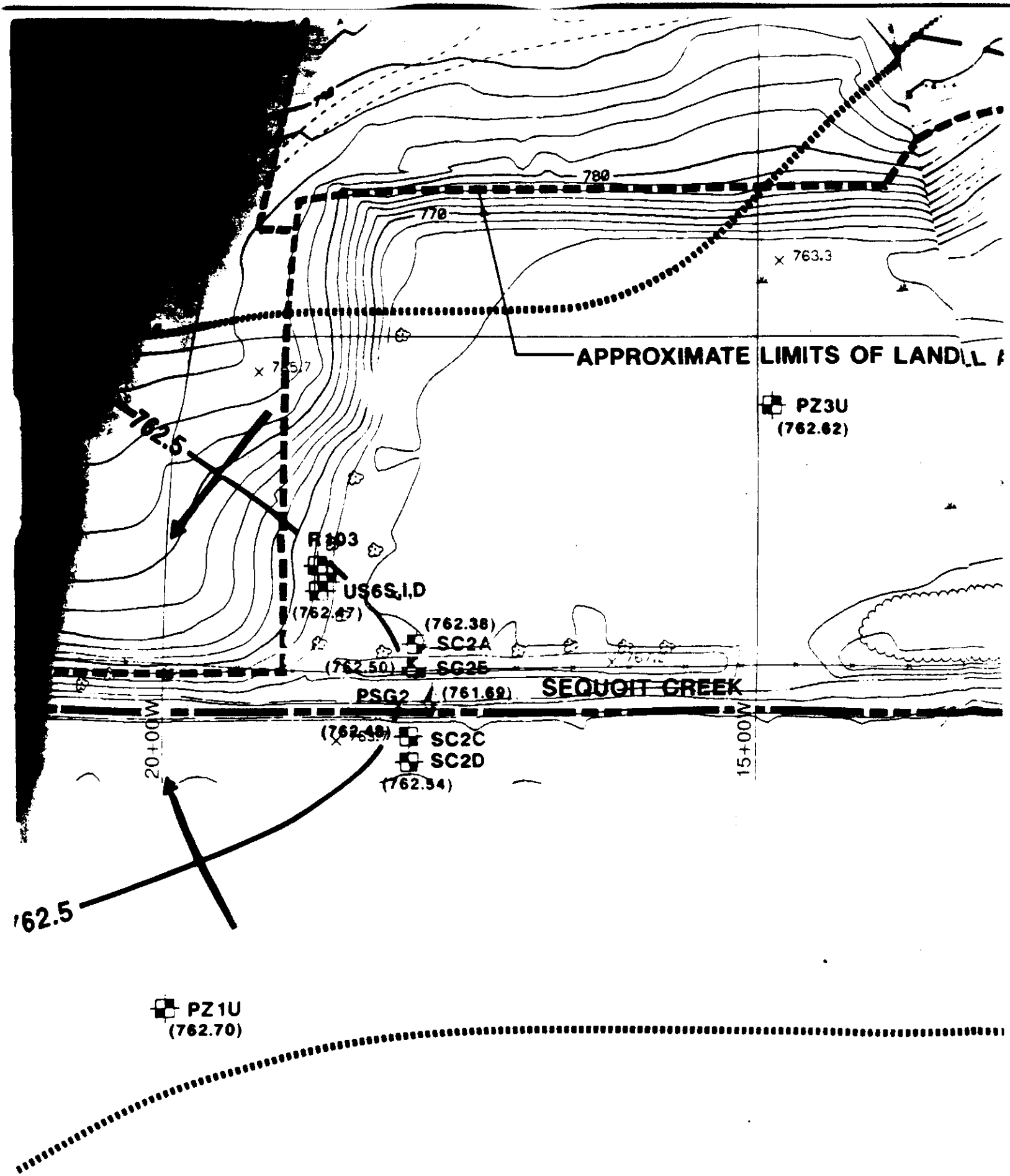

RZSU
(765.41)
(765.09)
G14S,14D
US1S.D
(764.43
SEQUOIT CREEK
OBSCURE
5100W
0100

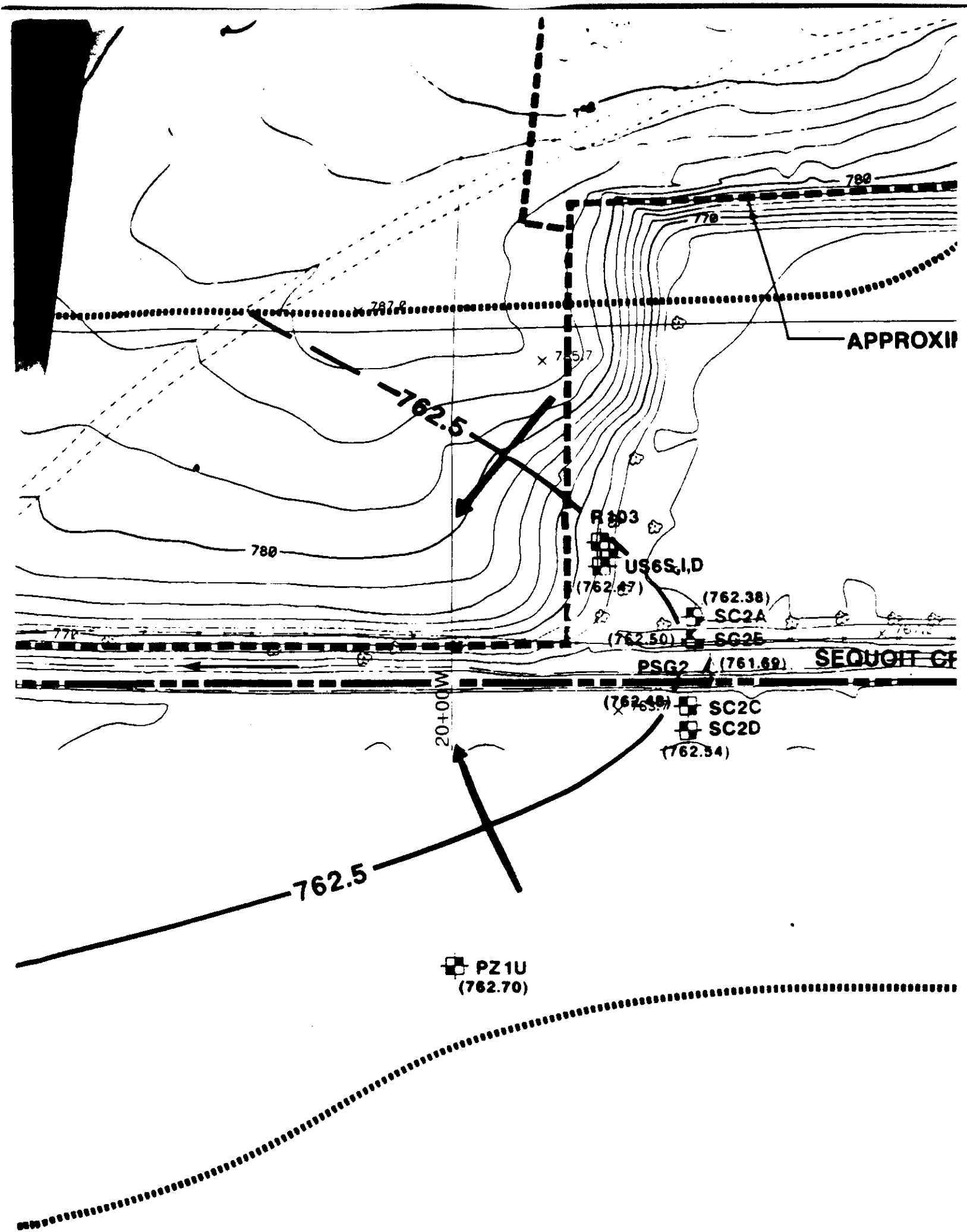

763
PZ3U
(765.03)
G14S,14D
762.4
767.5
(762.76)
SC1A
(762.74)
SC1B
PSG1
(762.57)
SEQUOIT CREEK
SC1C
(762.66)
PZ2
SC1D
(762.72)
5+00W


PZ6U
763
763.0
(762.78)
PZ4U
(762.76)
SC1A
(762.74)
SC1E
PSG1
(762.57)
SEQUOIT
SC1C
(762.66)
PZ2
SC1D
(762.72)
10+00W
5+00W


PZ6U
763.0
763.3
(762.79)
PZ4U
LIMITS OF LANDFILL AREA
PZ3U
(762.62)
763.6
(762.74)
PSG1
SC1C
PZ2
15+00W
10+00W


780
770
763.0
763.3
(762.79)
PZ4U
APPROXIMATE LIMITS OF LANDFILL AREA
PZ3U
(762.62)
763.6
S,I,D
(762.38)
SC2A
SC2B
(761.69)
SEQUOIT CREEK
SC2C
SC2D
(762.54)
15+00W
10+00W


780
770
763.3
APPROXIMATE LIMITS OF LANDFILL
PZ3U
(762.62)
762.5
R103
US6S,I,D
(762.38)
SC2A
(762.50)
SC2B
PSG2
(761.69)
SEQUOIT CREEK
(762.48)
SC2C
SC2D
(762.54)
20+00W
15+00W
762.5
PZ1U
(762.70)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770
APPROXI
762.5
R103
US6S,I,D
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(762.38)
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(762.50)
SG2B
PSG2
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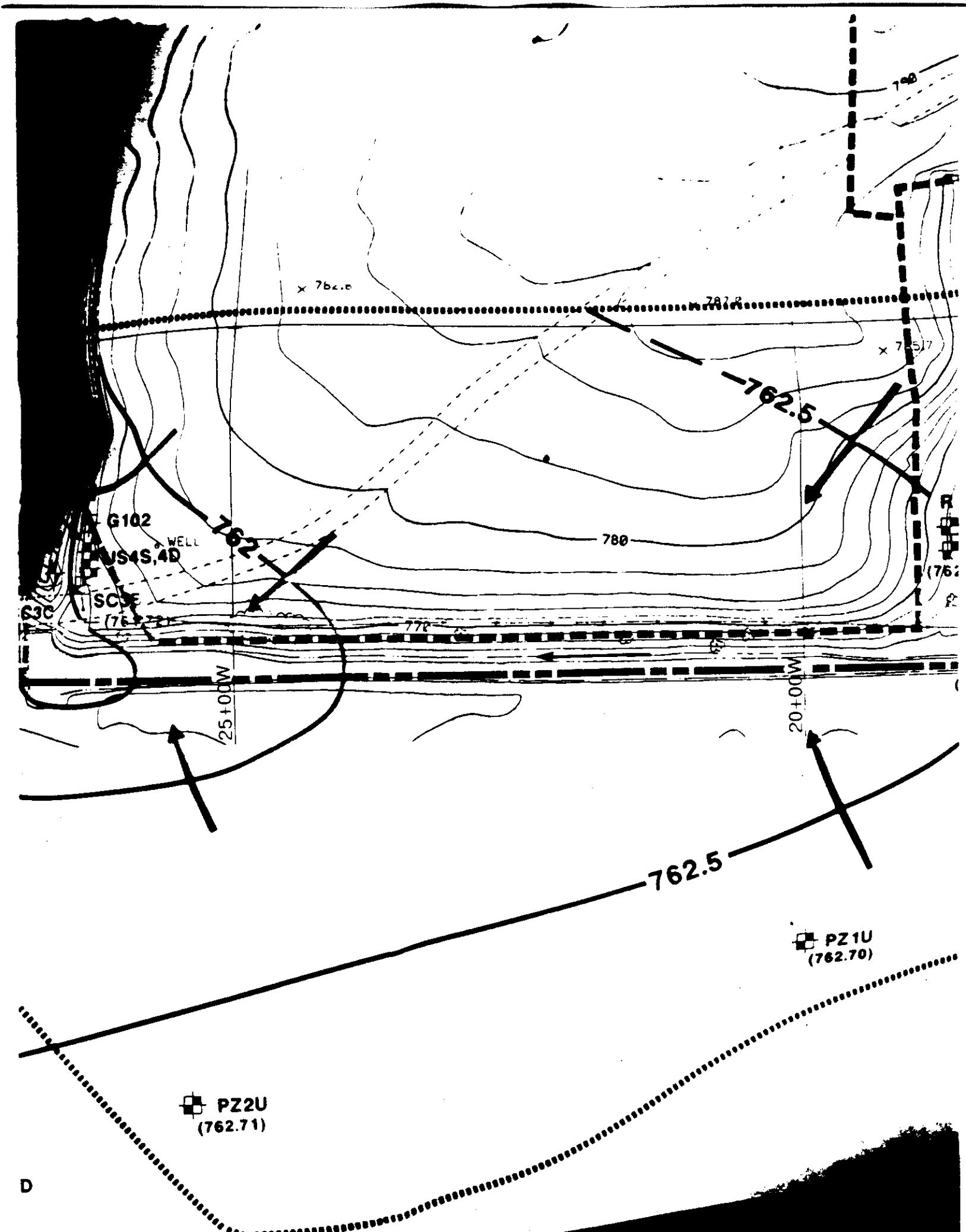
20+00W
762.5
PZ1U
(762.70)



762.5
762
780
G102
WELL
US4S,4D
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25+00W
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762.5
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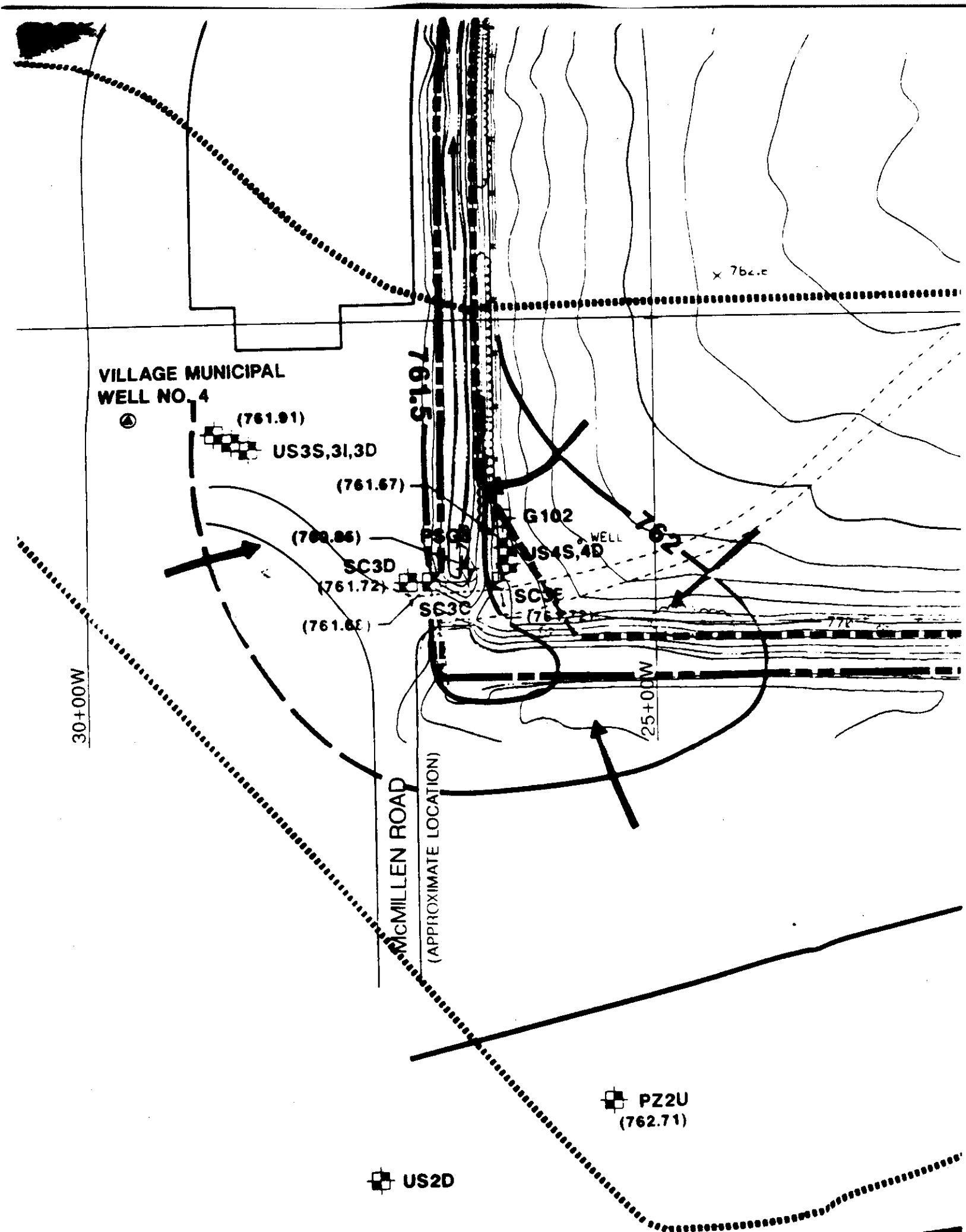
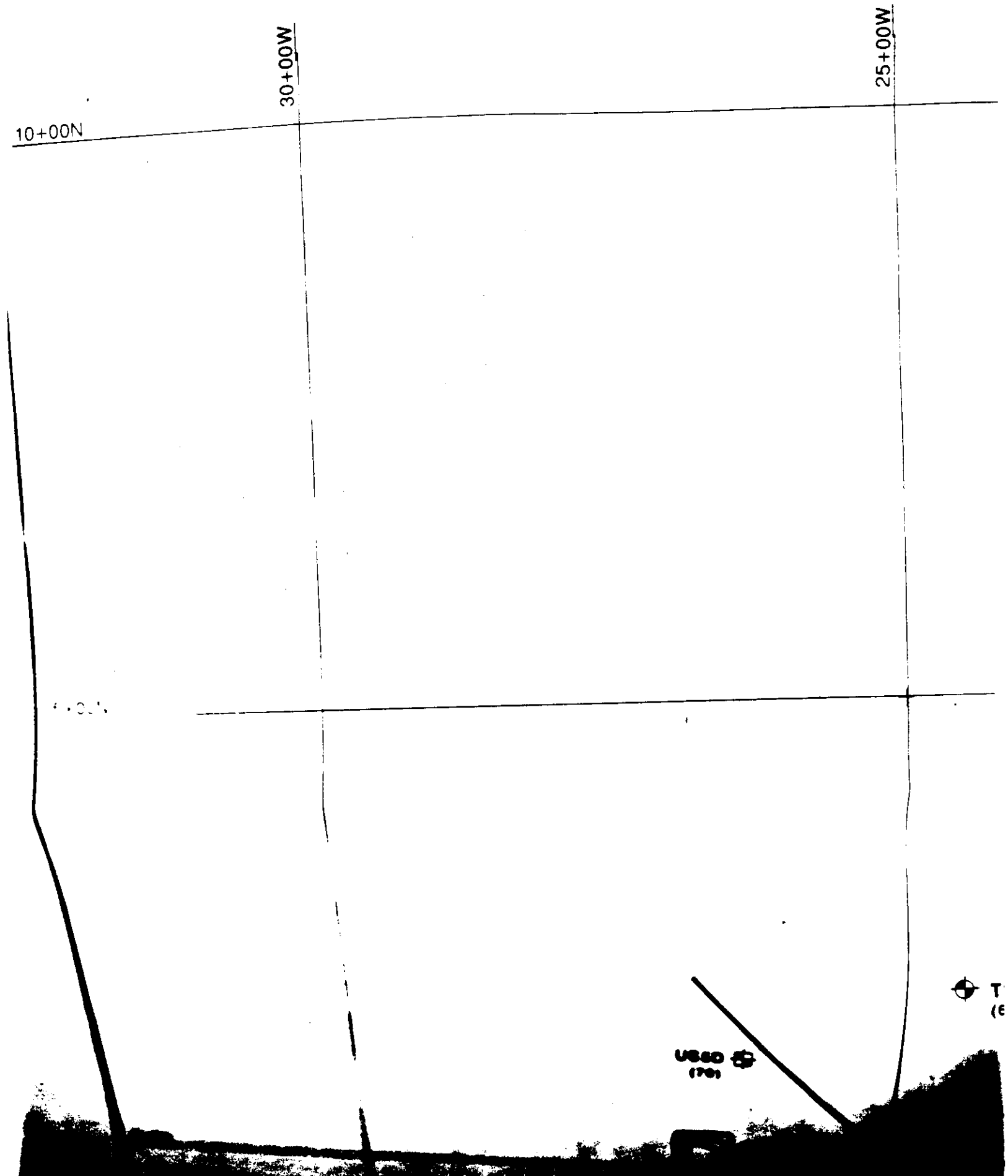
(762.70)
PZ2U
(762.71)
D

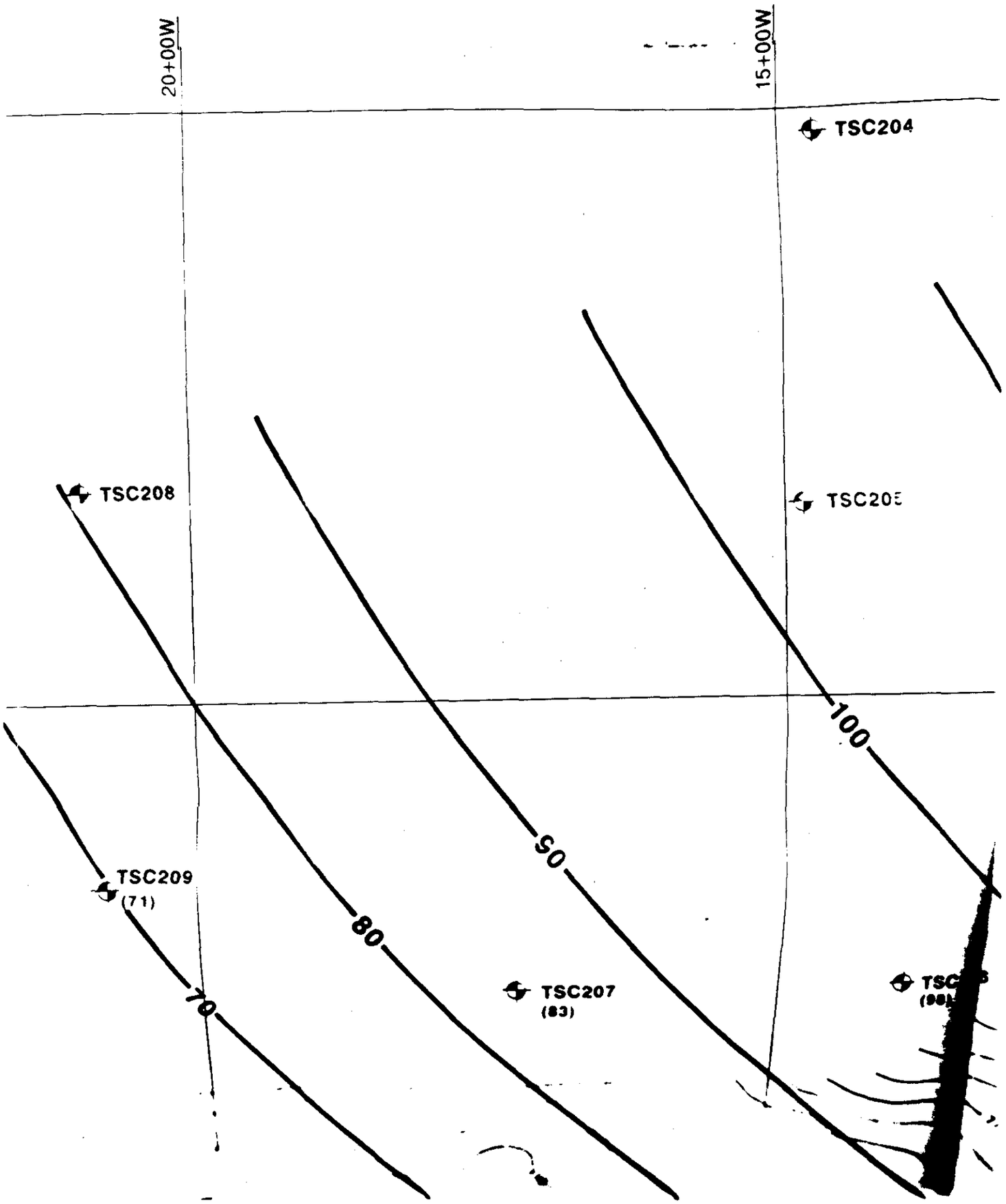

VILLAGE MUNICIPAL
WELL NO. 4
(761.91)
US3S,3I,3D
(761.67)
G102
WELL
US4S,4D
SC3D
(761.72)
SC3C
761.5
762
30+00W
25+00W
McMILLEN ROAD
(APPROXIMATE LOCATION)
PZ2U
(762.71)
US2D

MASTER BLUE PRINT INC. 501728
Audit
Overlay
Screen


30+00W
25+00W
10+00N
USGD
(79)

25+00W
TSC
TS
TSC210
(64)

25+00W
20+00W
TSC208
TSC209
(71)
TSC210
(64)
70
80
90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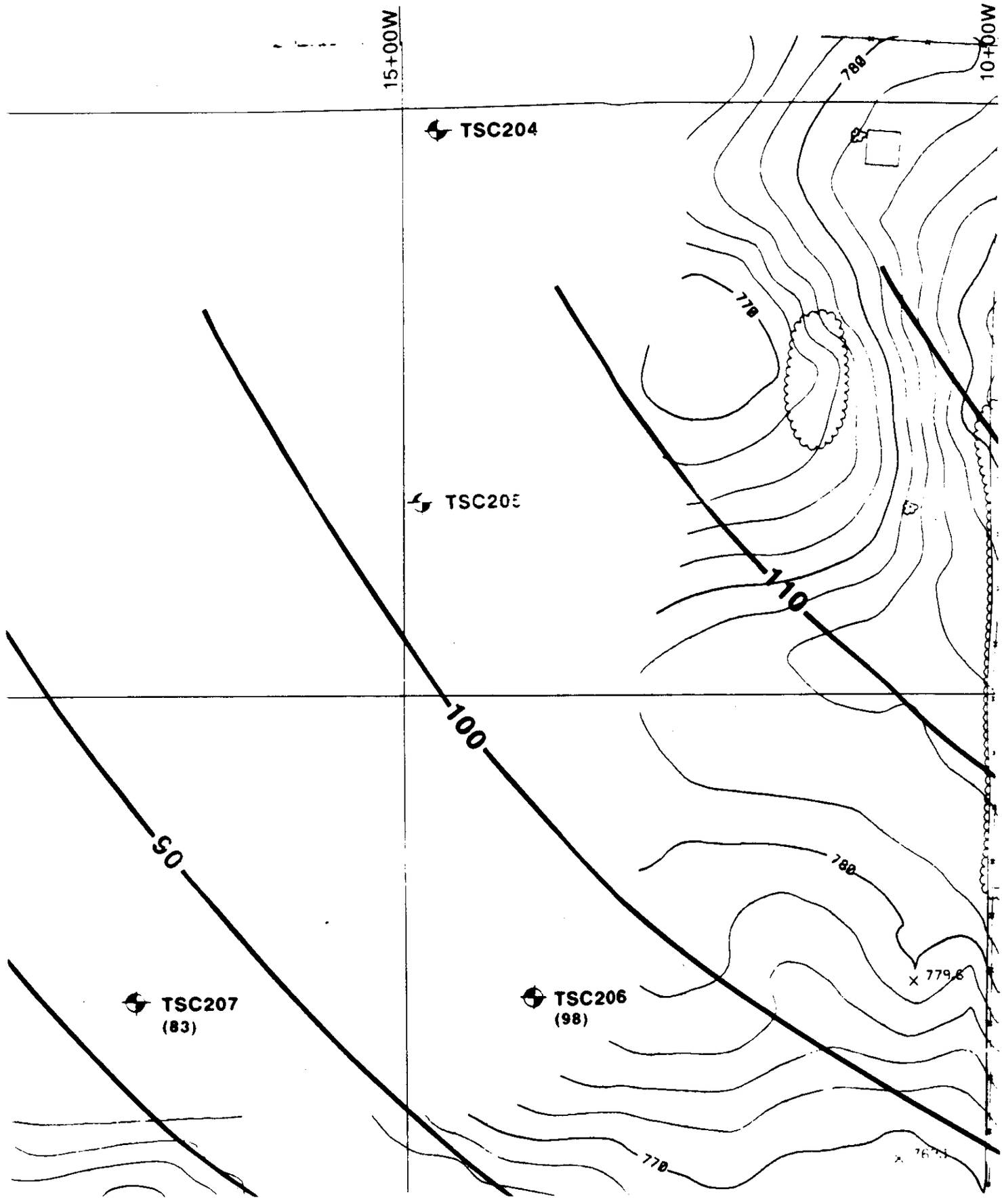
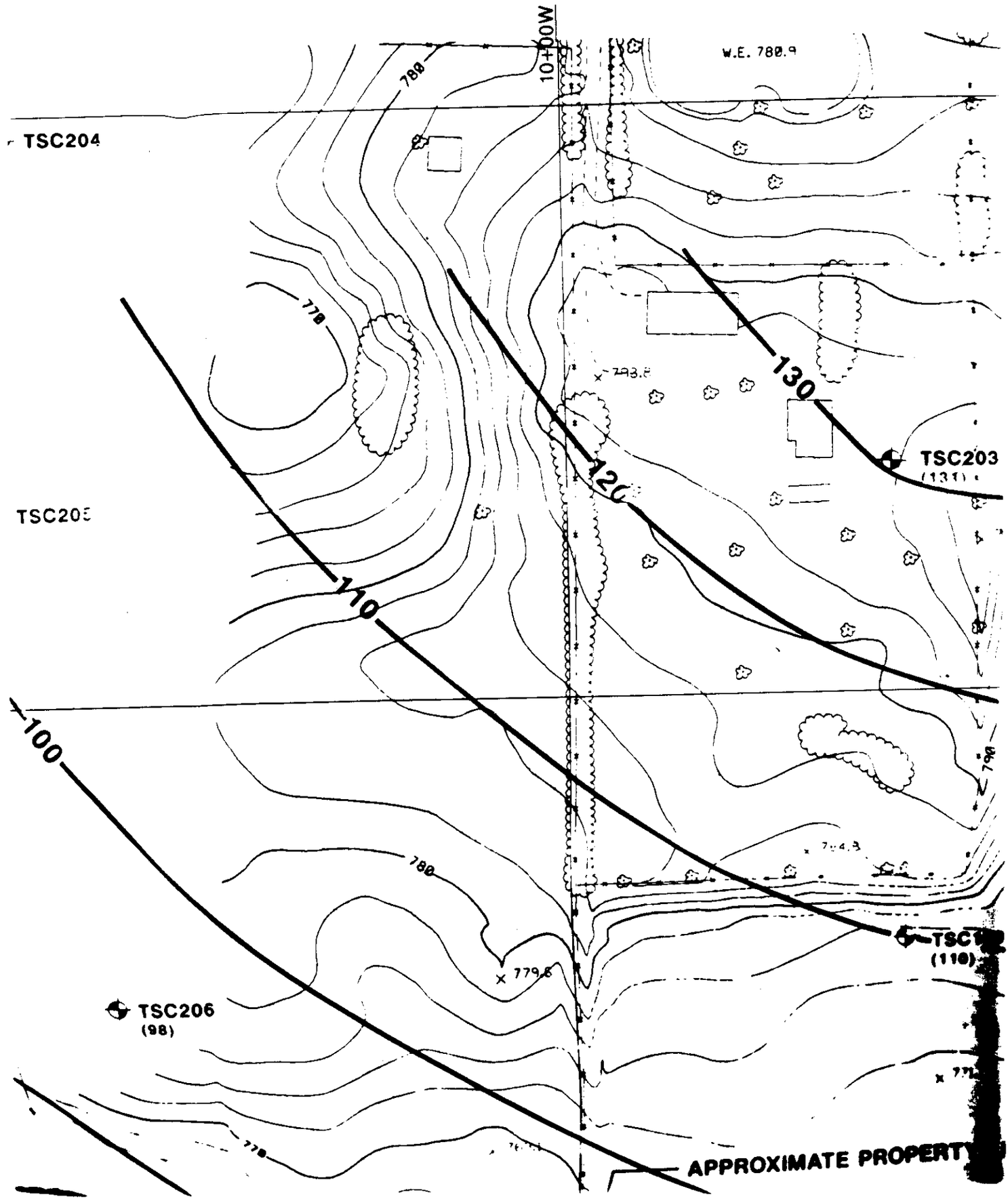
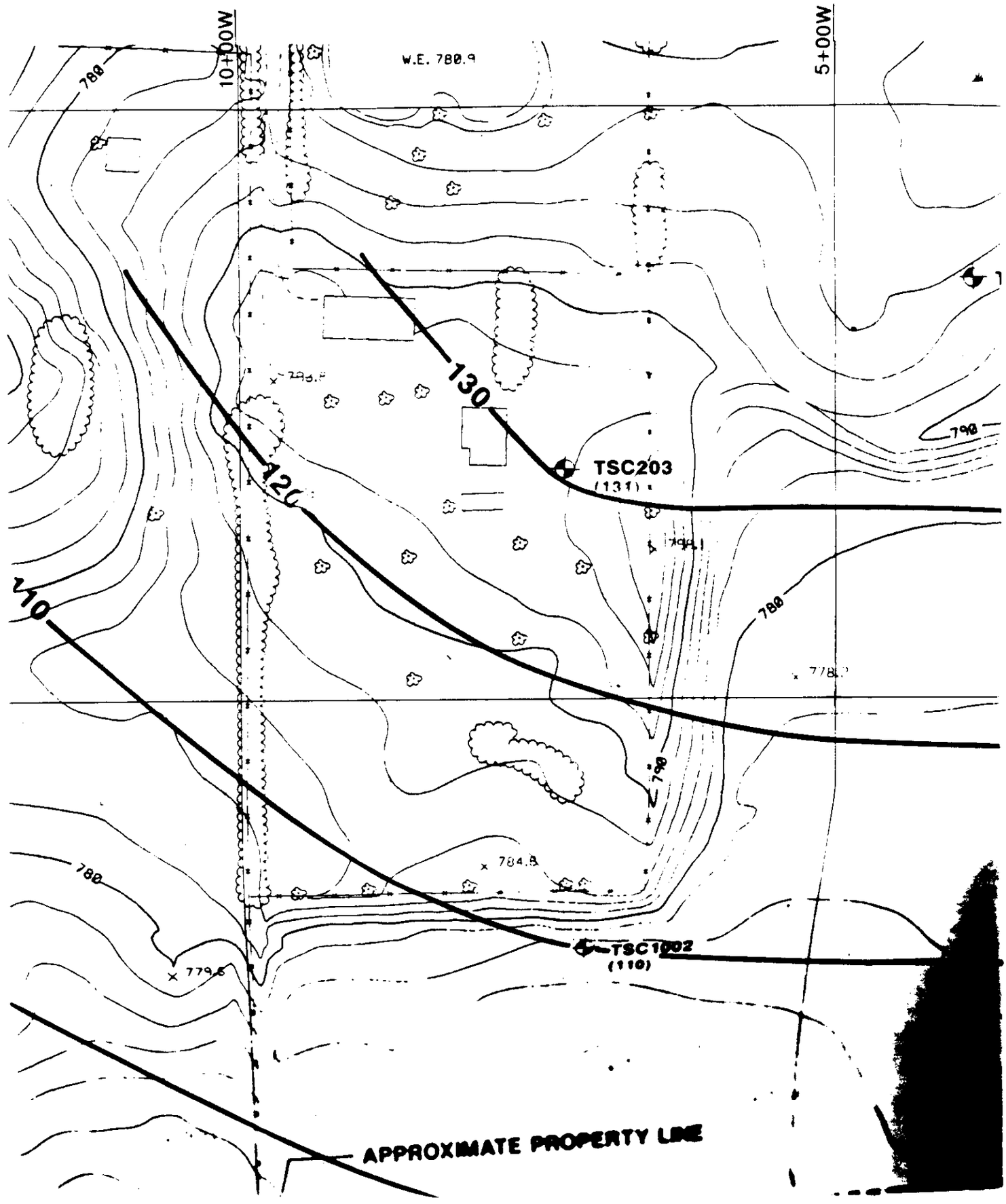
TSC208
TSC205
TSC209
(71)
TSC207
(83)
70
80
90
100


15+00W
10+00W
TSC204
TSC205
TSC206
(98)
TSC207
(83)
50
100
110
770
780
780
770
779.6


10+00W
W.E. 780.9
780
TSC204
778
783.8
130
120
TSC203
(131)
TSC205
110
100
780
779.8
TSC206
(98)
(110)
APPROXIMATE PROPERTY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5+00W
W.E. 780.9
780
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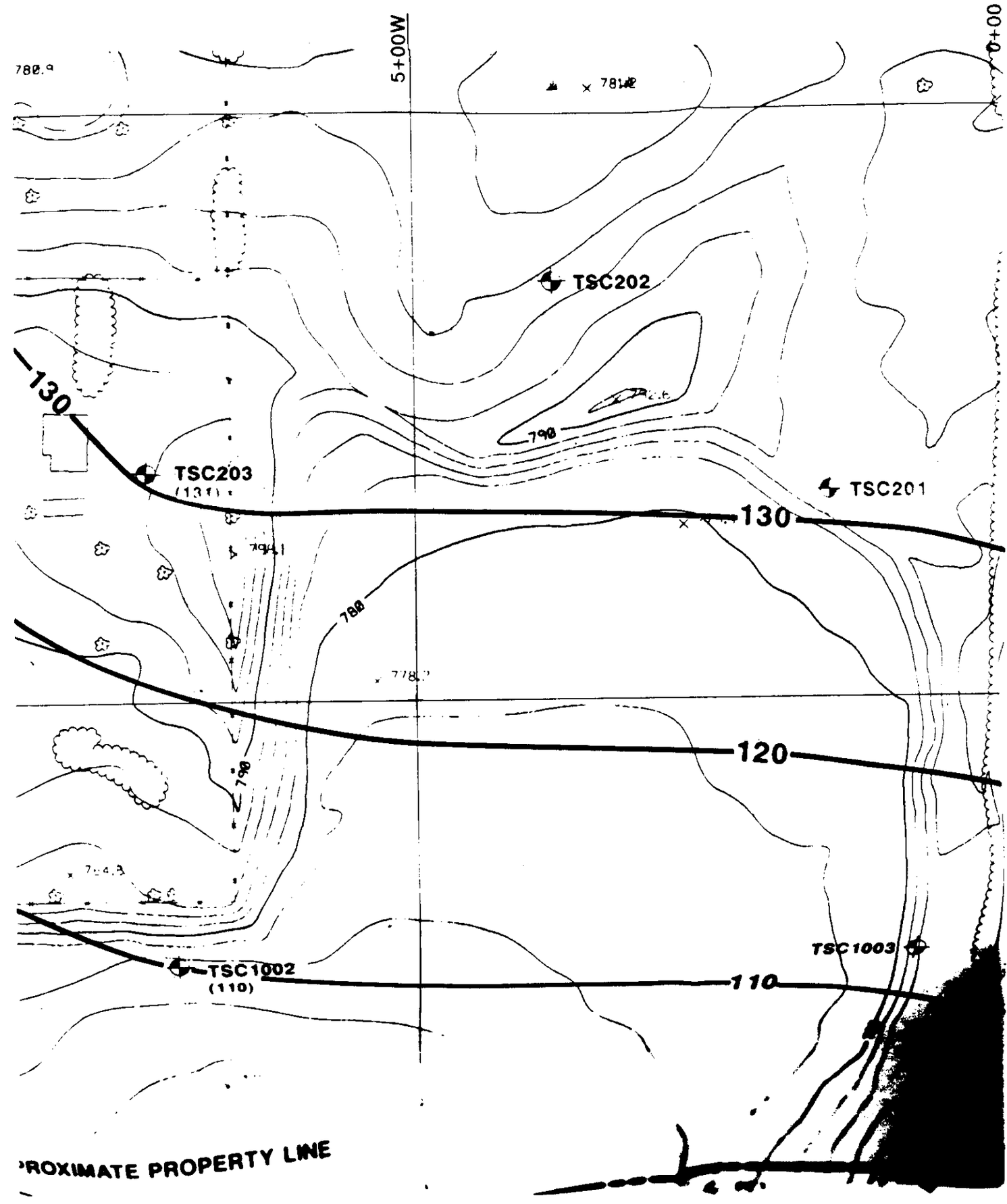
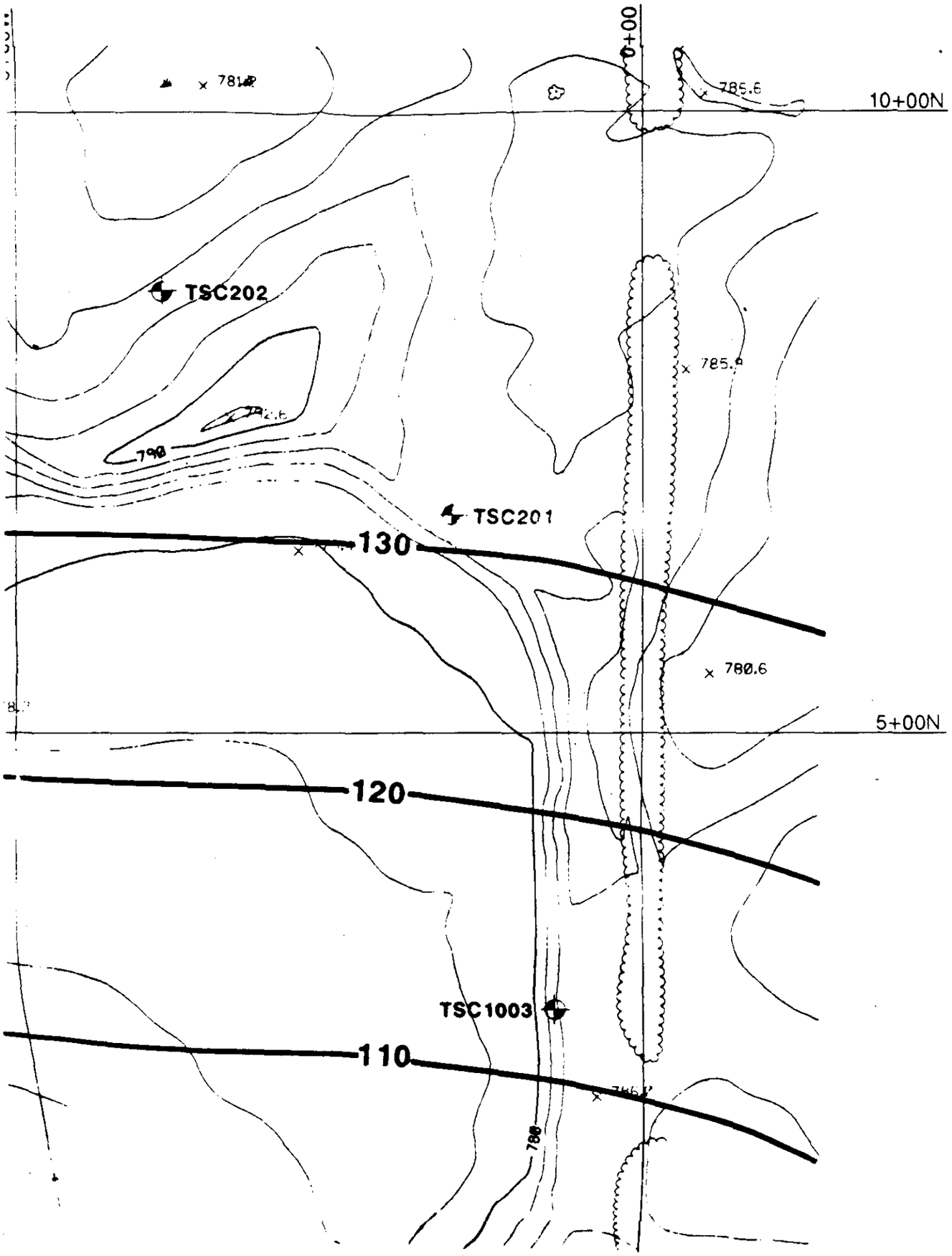
120
110
TSC203
(131)
TSC1002
(110)
784.8
779.6
APPROXIMATE PROPERTY LINE


5+00W
0+00
780.9
TSC202
130
790
TSC203
(131)
TSC201
130
780
120
790
TSC1003
TSC1002
(110)
110
PROXIMATE PROPERTY LINE


0+00
10+00N
5+00N
785.6
TSC202
TSC201
TSC1003
130
120
110
790
780.6

WARZYN

WARZYN ENGINEERING INC.

Designed By:

Drawn By: JC, DLF

Checked By:

Approved By:

Date:

Reference:

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CLAY TILL ISOPACH MAP

PRELIMINARY SITE EVALUATION

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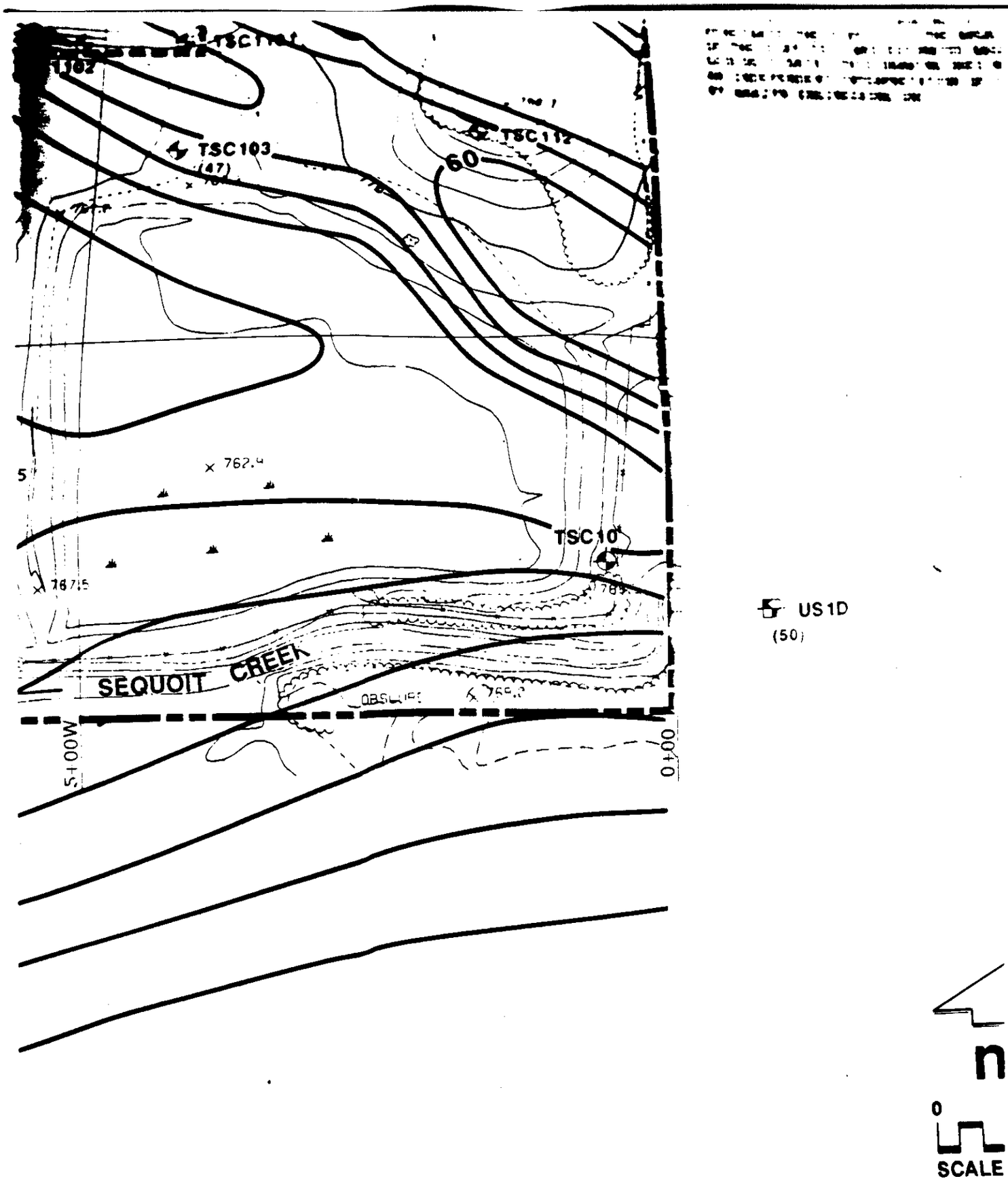
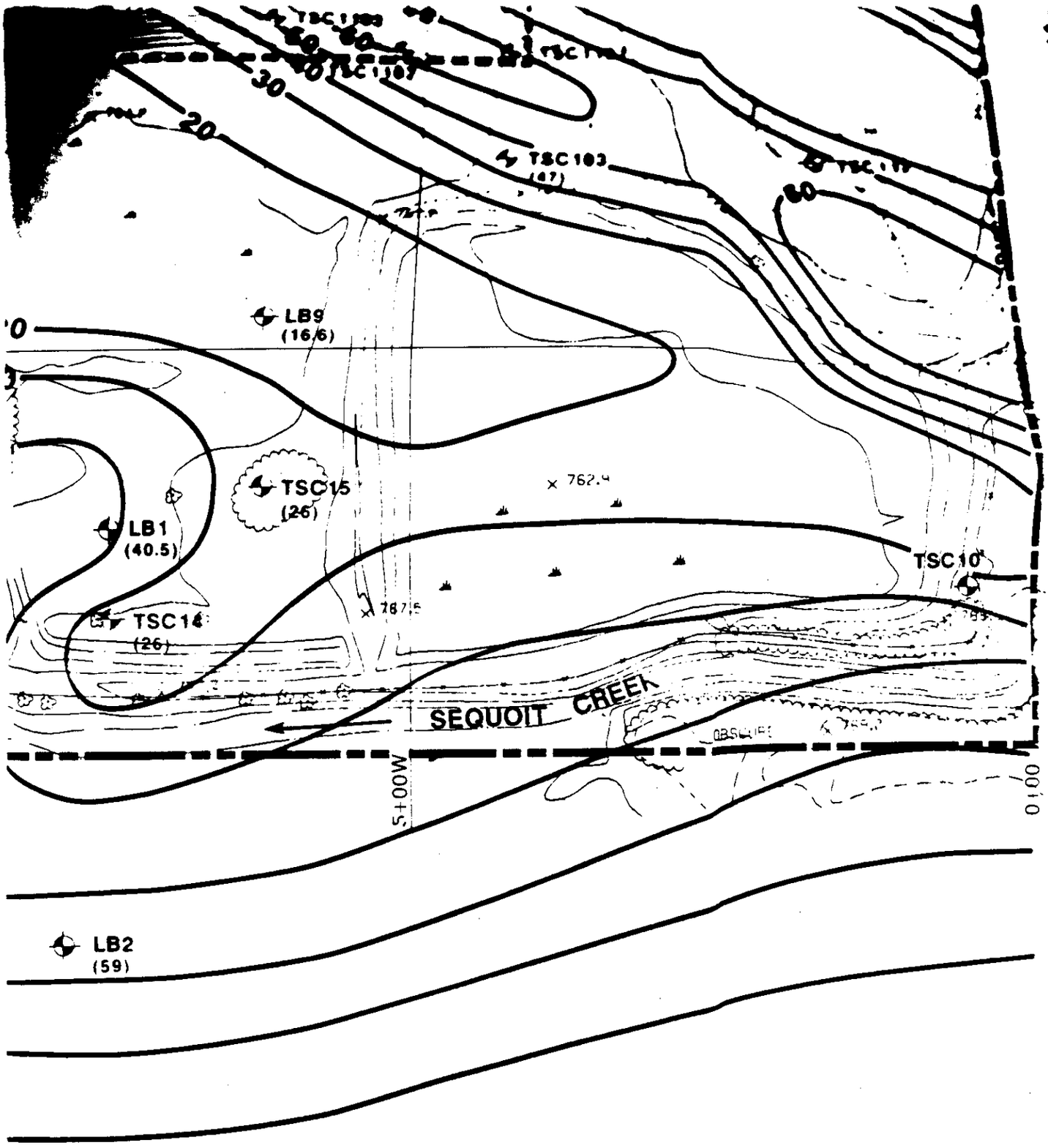
Sheet Number

Project Number
60953


TSC102
TSC103
(47)
TSC112
60
762.4
TSC10
SEQUOIT CREEK
5+00W
0+00
US1D
(50)
n
0
SCALE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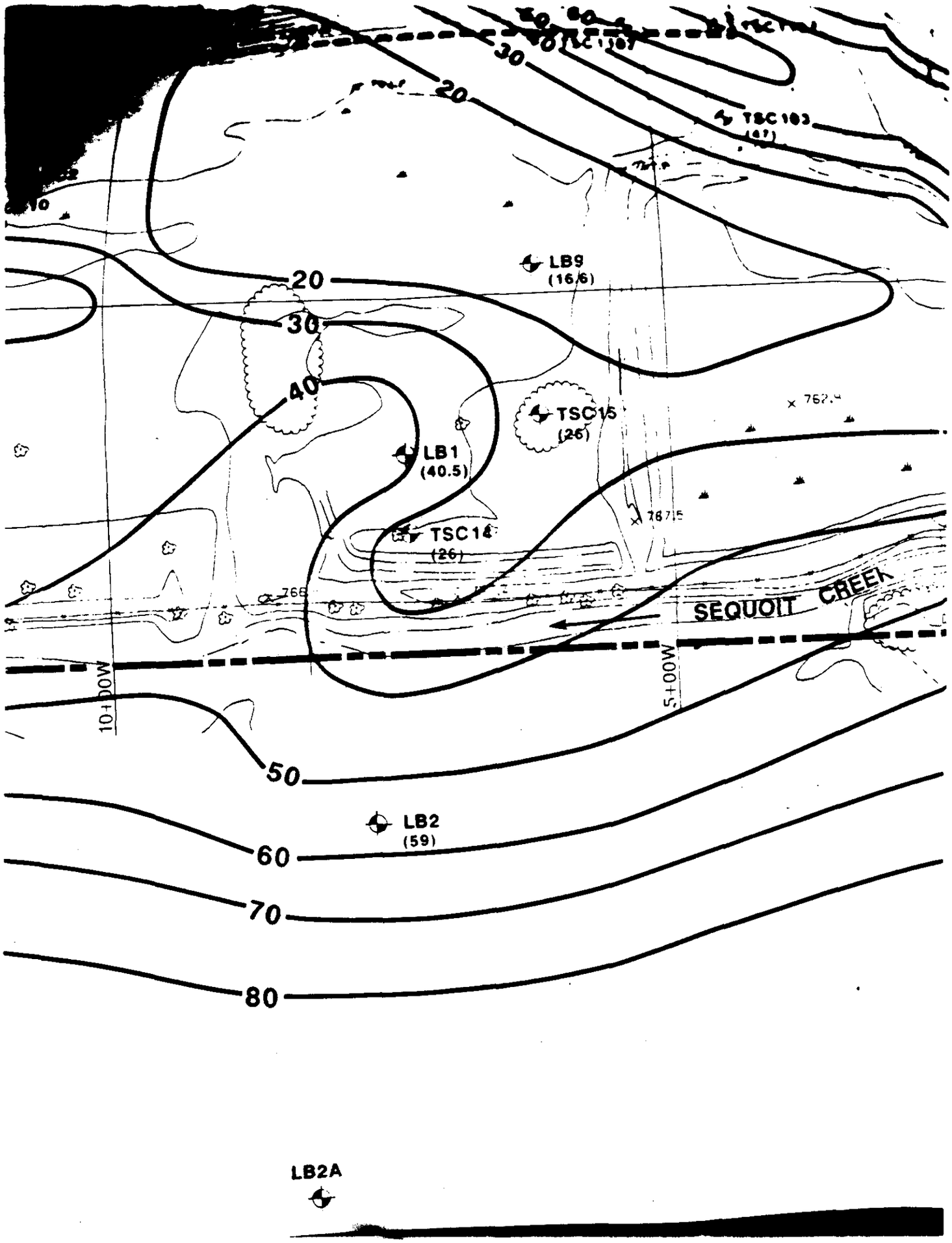
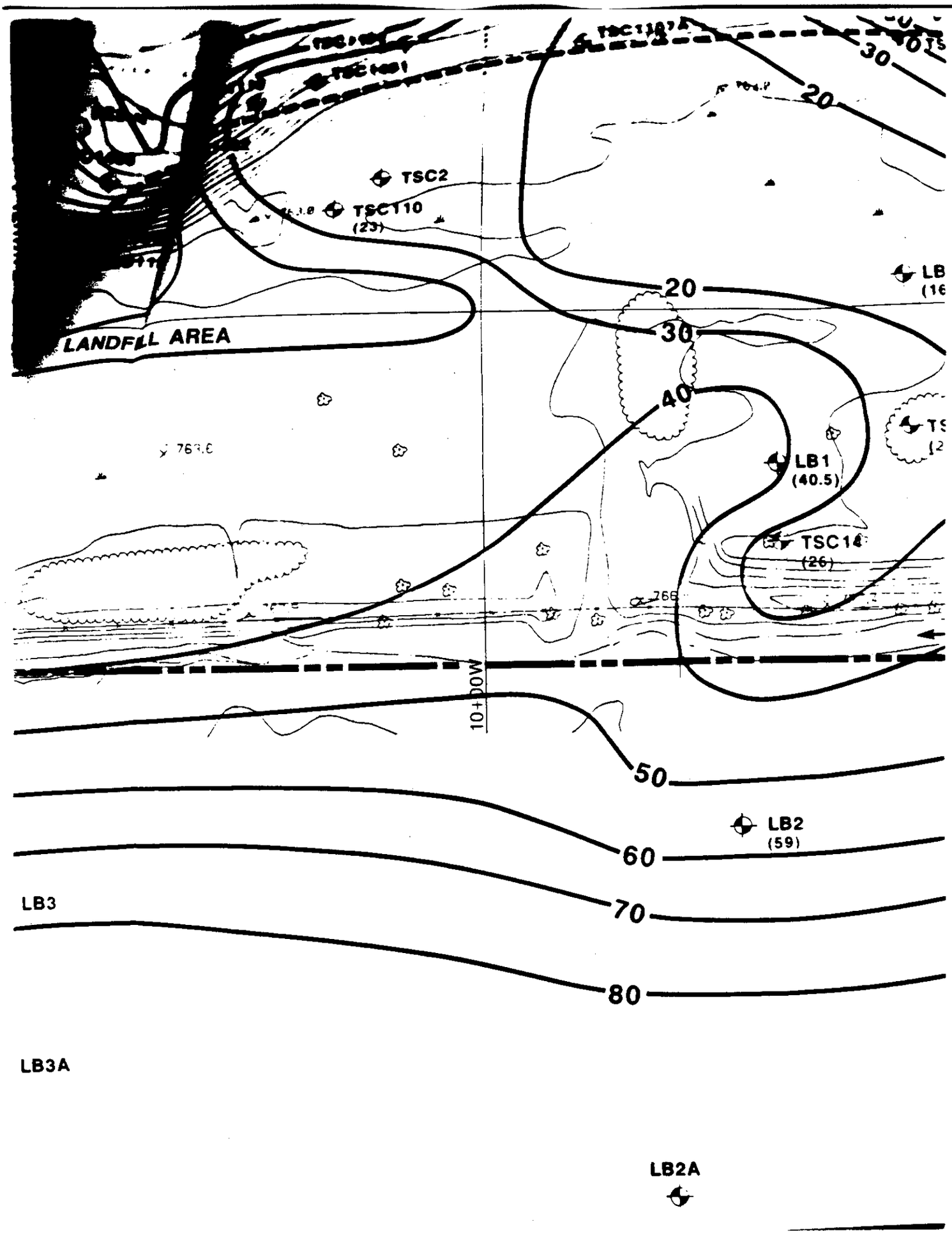
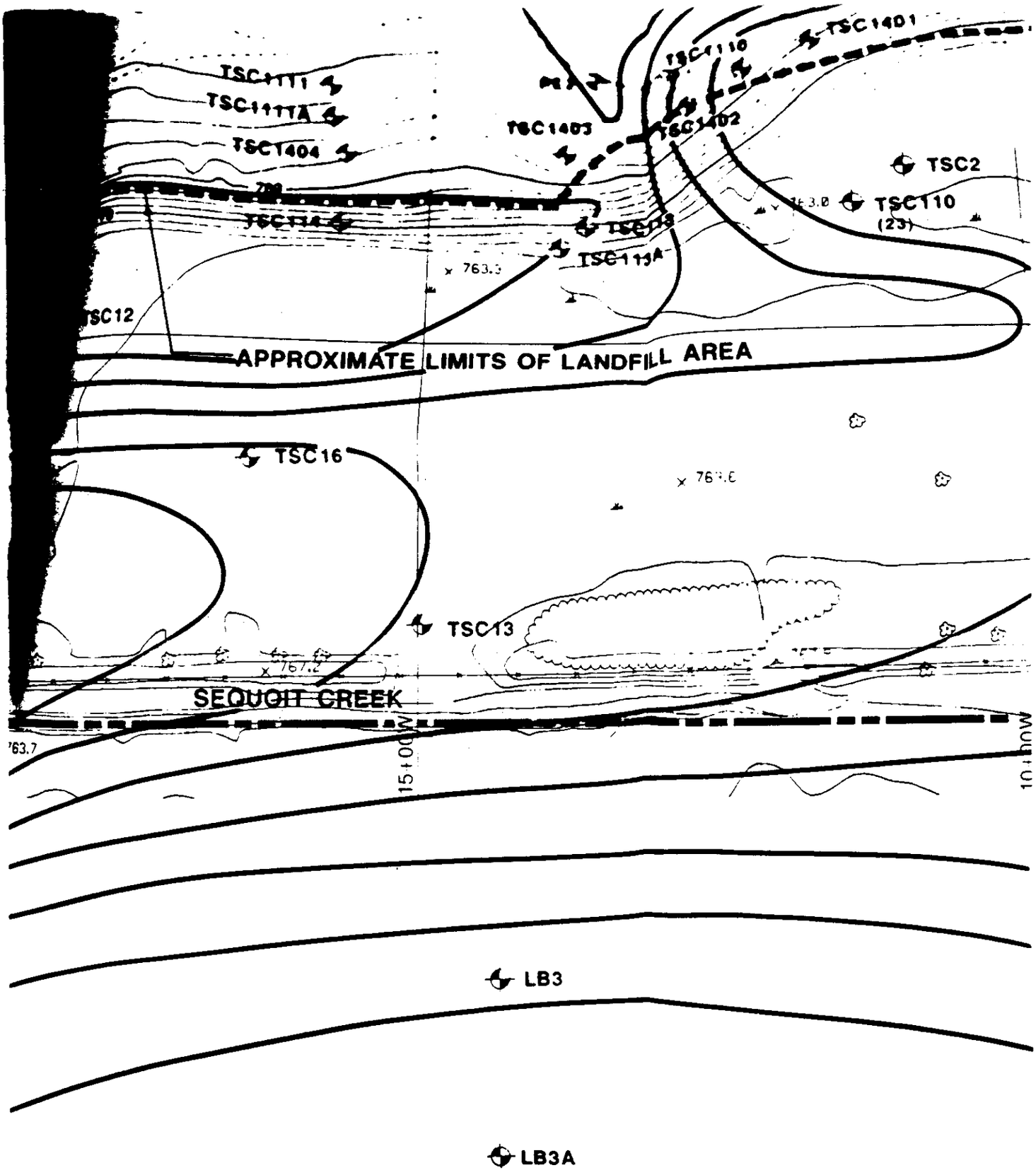
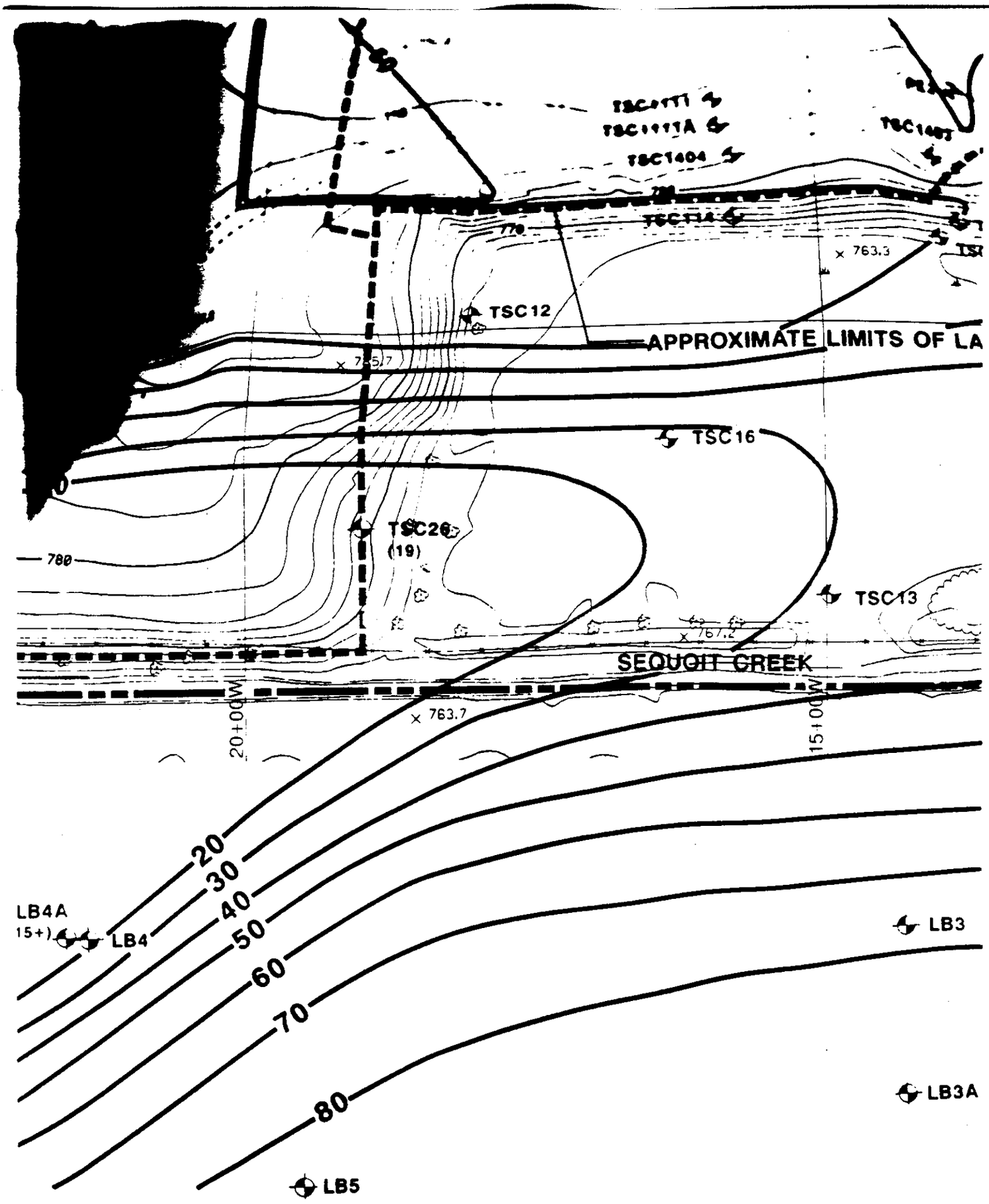
(47)
LB9
(16.6)
TSC15
(26)
LB1
(40.5)
TSC14
(26)
TSC10
SEQUOIT CREEK
5+00W
LB2
(59)
30
20
60

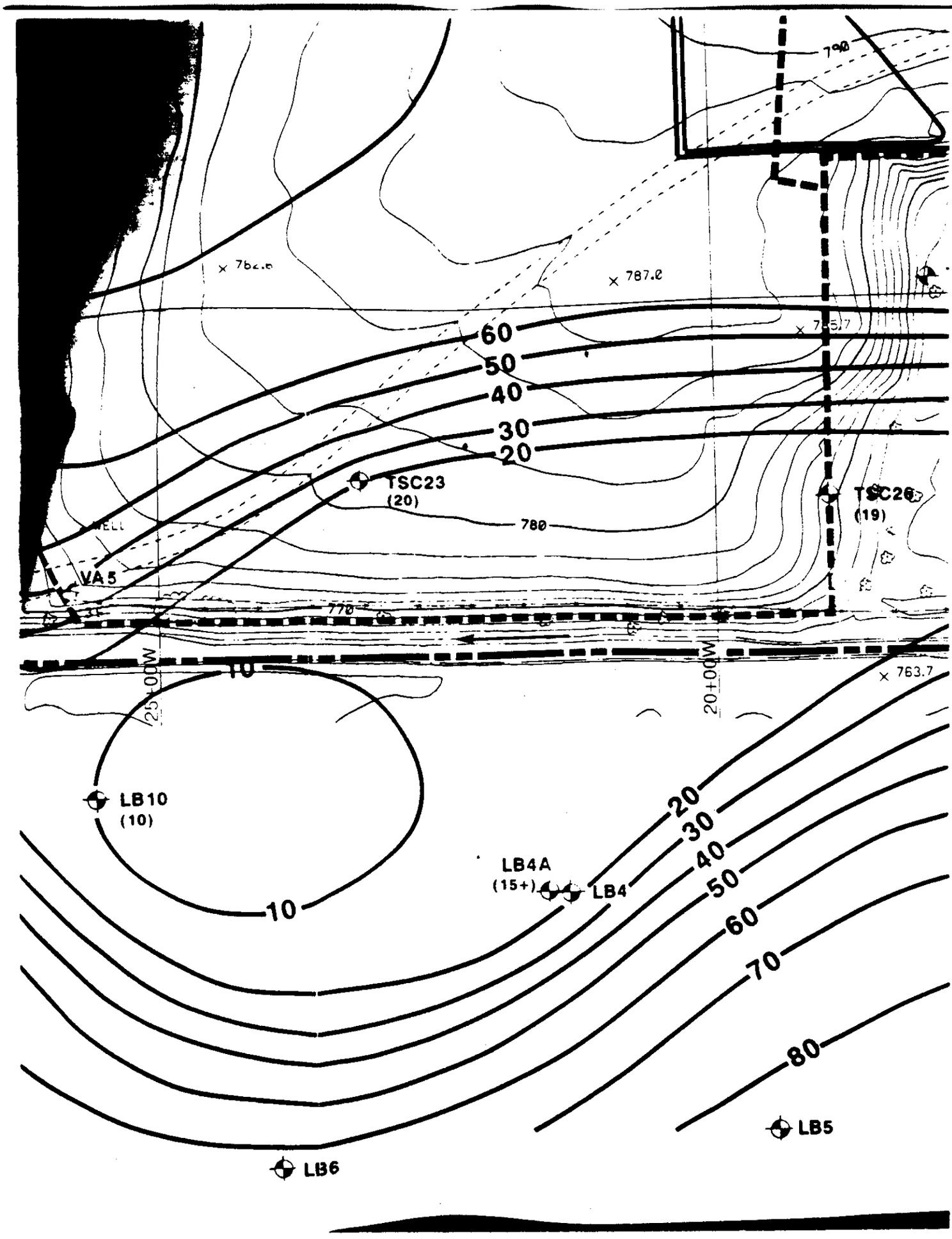

20
30
40
50
60
70
80
LB9
(16.6)
TSC15
(26)
LB1
(40.5)
TSC14
(26)
LB2
(59)
SEQUOIT CREEK
10+00W
5+00W

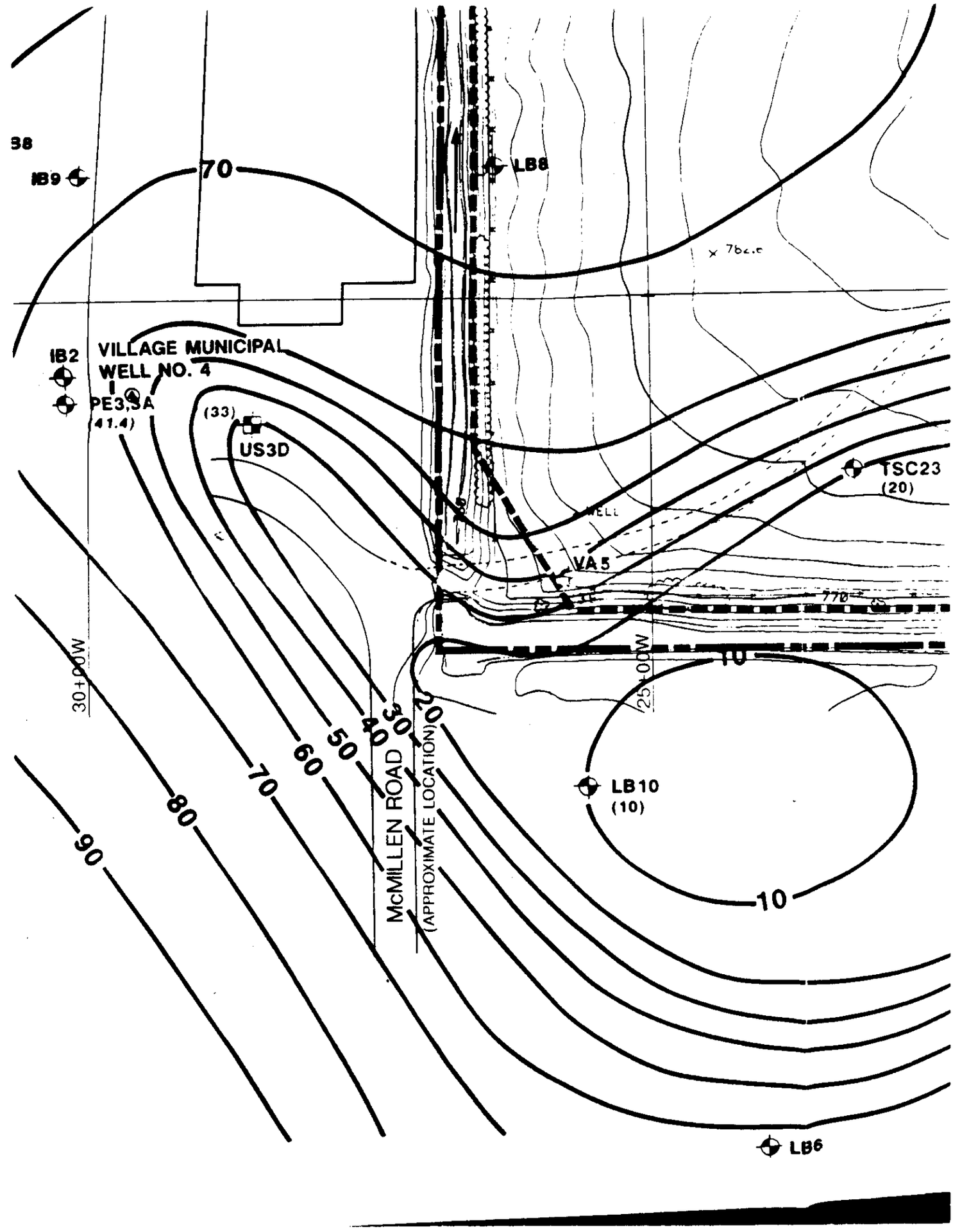
LB2A


TSC2
TSC110
(23)
LANDFILL AREA
20
30
40
LB1
(40.5)
TSC14
(26)
10+00W
50
LB2
(59)
60
LB3
70
80
LB3A
LB2A

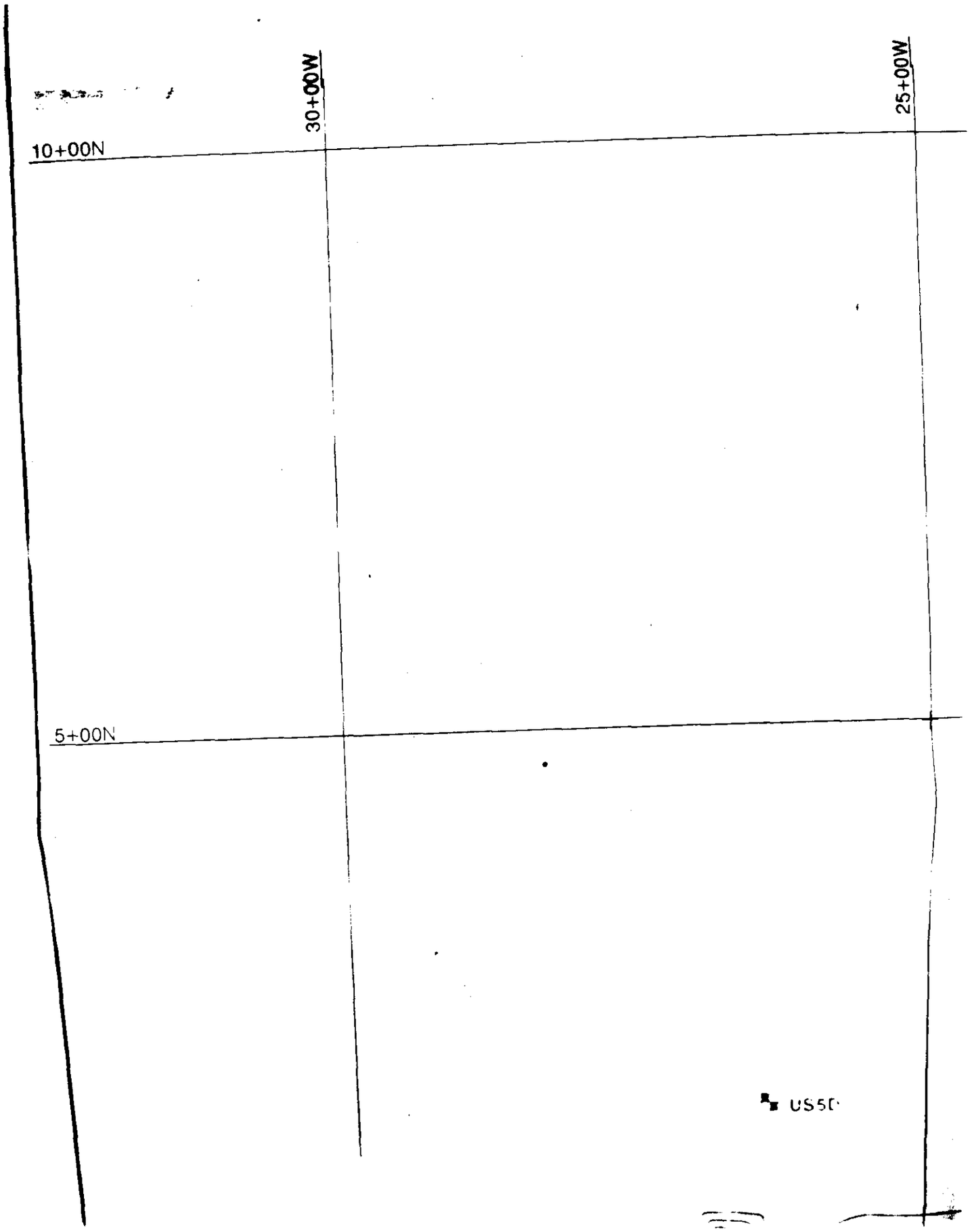

TSC1111
TSC1111A
TSC1404
TSC1403
TSC1402
TSC1110
TSC1401
TSC2
TSC110
(23)
TSC114
TSC113
TSC113A
TSC12
APPROXIMATE LIMITS OF LANDFILL AREA
TSC16
TSC13
SEQUOIT CREEK
15+00W
10+00W
LB3
LB3A


TSC1111
TSC1111A
TSC1404
TSC1407
TSC1114
770
763.3
TSC12
APPROXIMATE LIMITS OF LA
765.7
TSC16
TSC26
(19)
780
TSC13
767.2
SEQUOIT CREEK
763.7
20+00W
15+00W
20
30
40
50
60
70
80
LB4A
15+)
LB4
LB3
LB3A
LB5


790
787.0
765.7
763.7
60
50
40
30
20
TSC23
(20)
TSC26
(19)
780
VA5
770
25+00W
20+00W
10
LB10
(10)
10
LB4A
(15+)
LB4
20
30
40
50
60
70
80
LB5
LB6

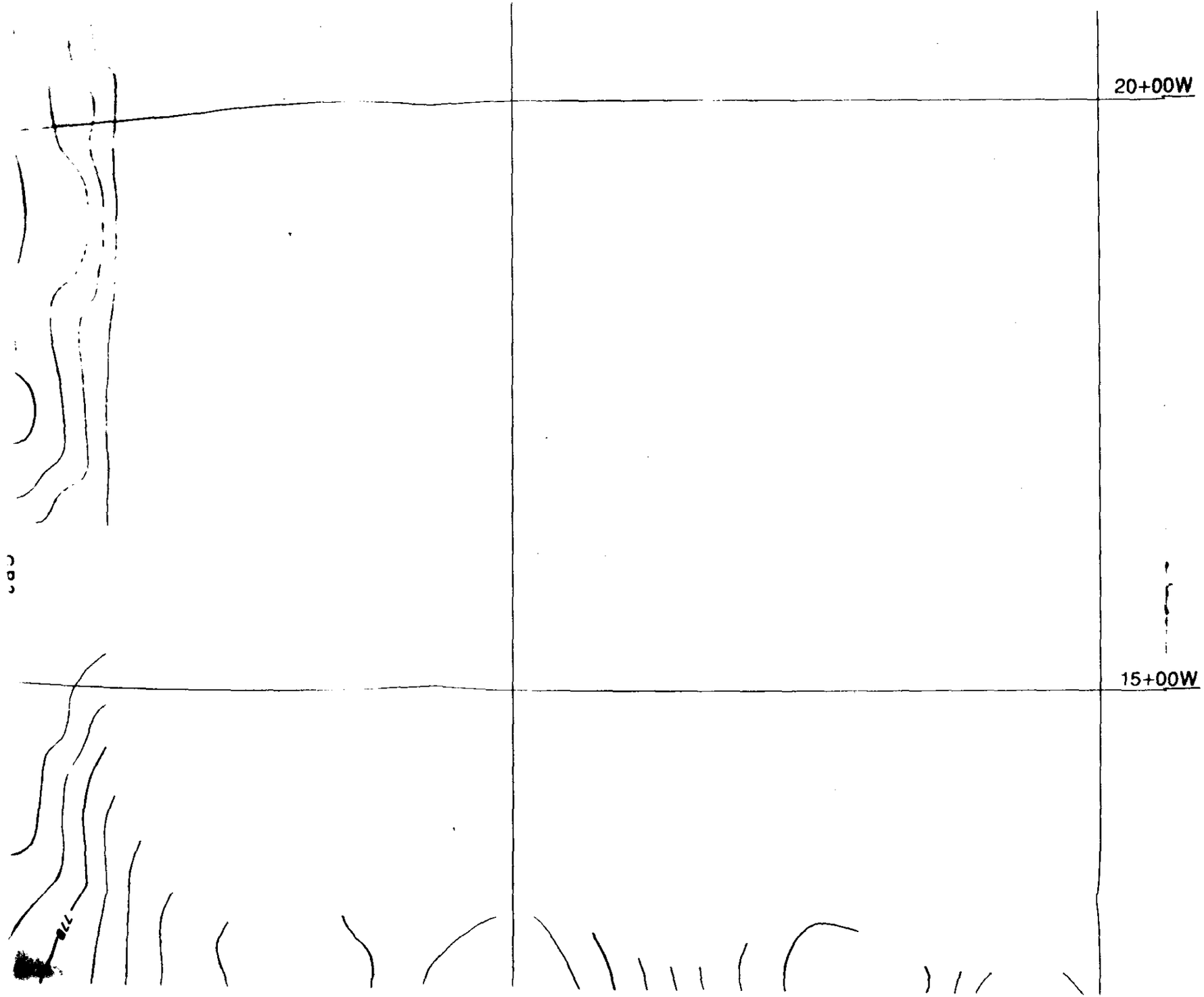

38
IB9
70
LB8
IB2
VILLAGE MUNICIPAL
WELL NO. 4
PE3,SA
(41.4)
(33)
US3D
TSC23
(20)
VA5
30+00W
25+00W
McMILLEN ROAD
(APPROXIMATE LOCATION)
90
80
70
60
50
40
30
20
10
LB10
(10)
LB6

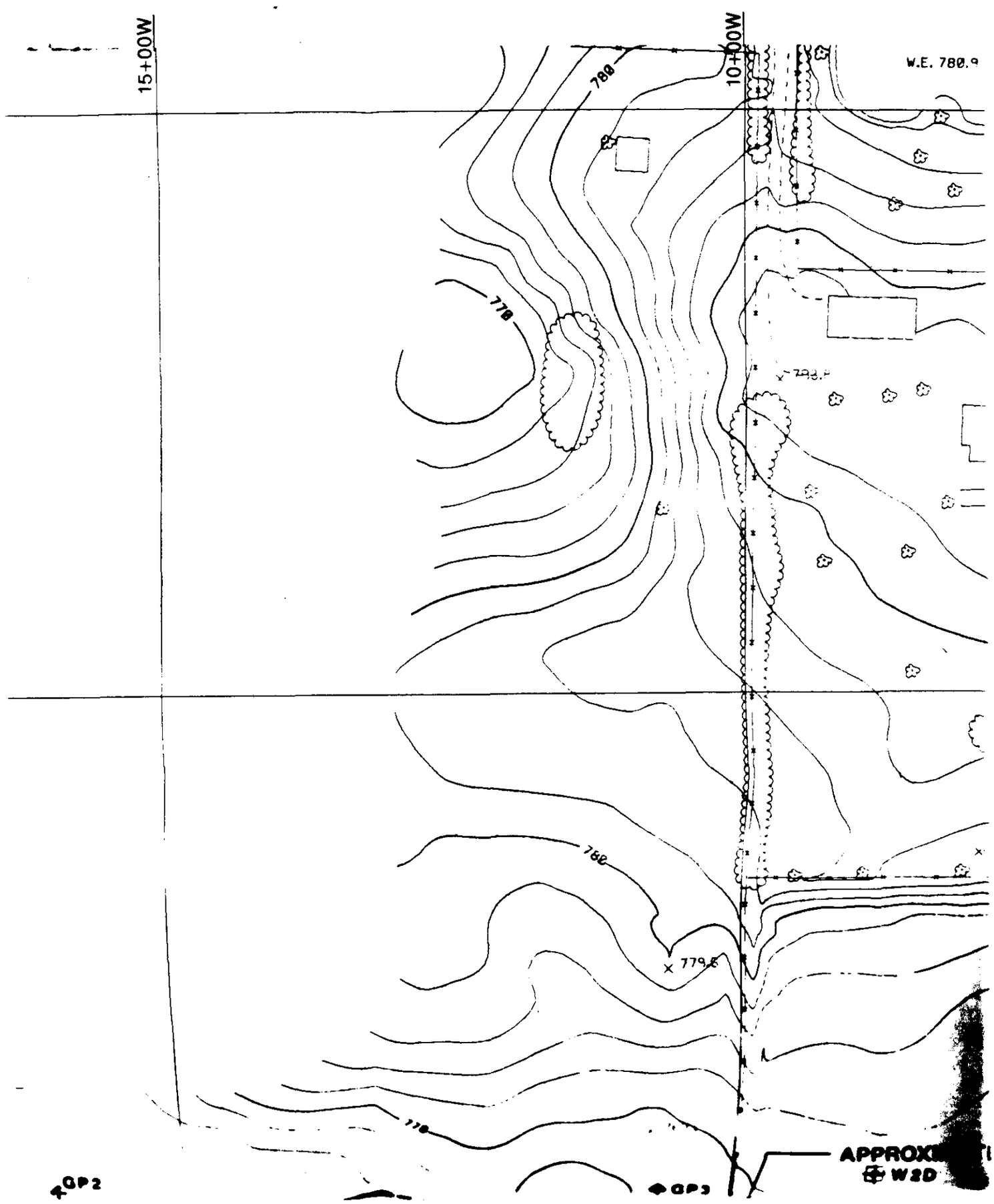
MASTER BLUE PRINT INC. 501728
Audit
Overlay
Screen

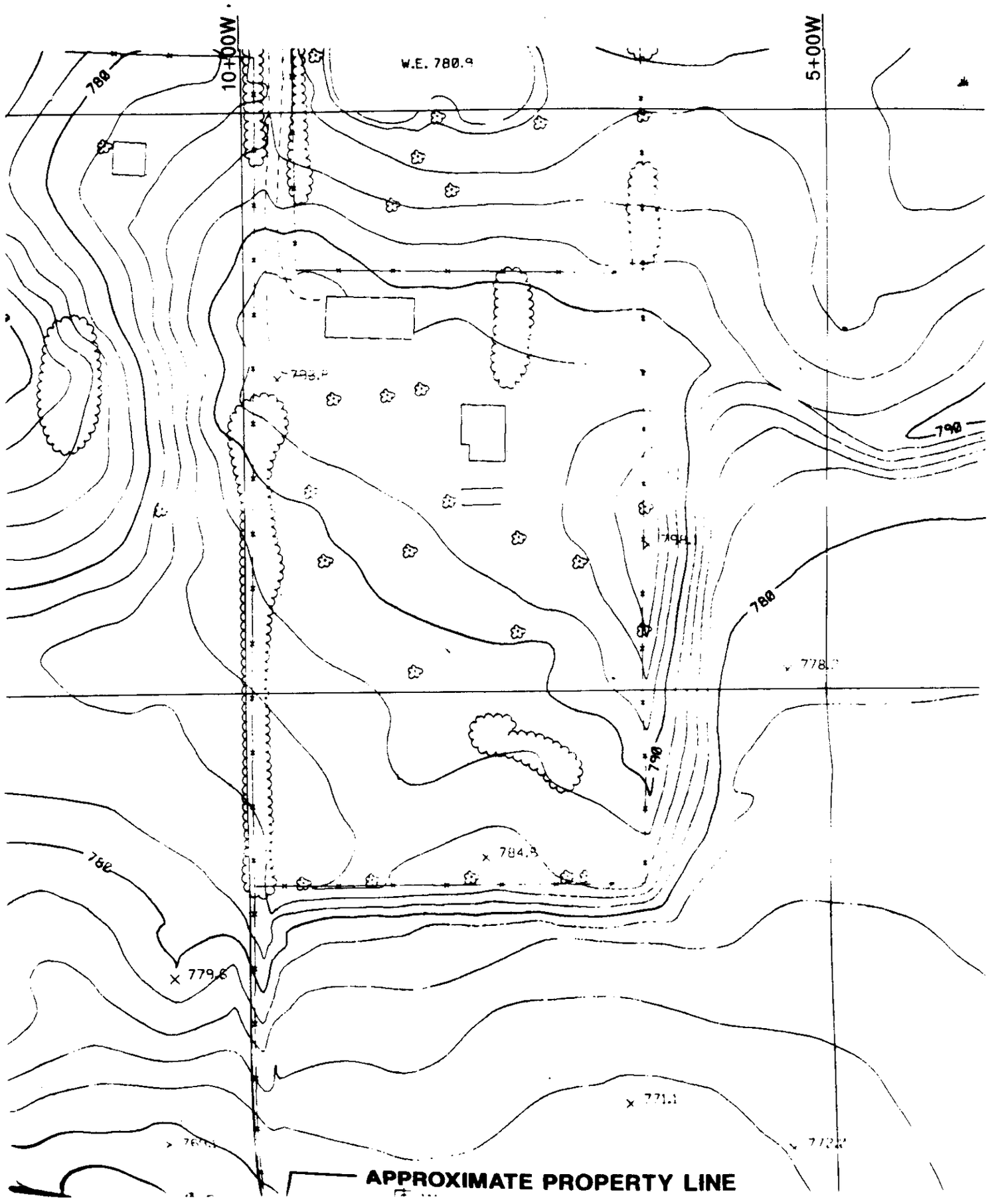

30+00W
25+00W
10+00N
5+00N
US5D

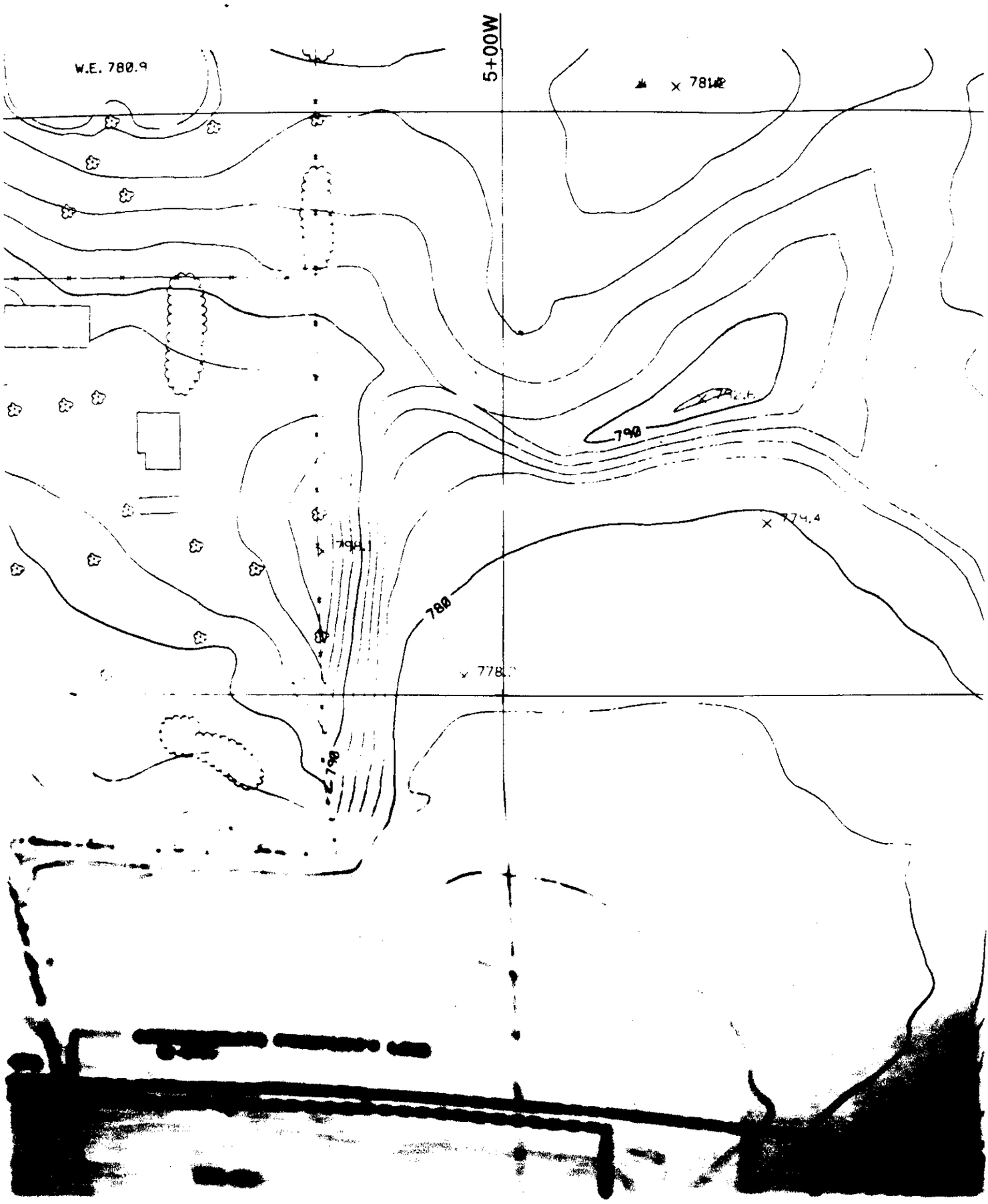
USSD
25+00W
20+00W

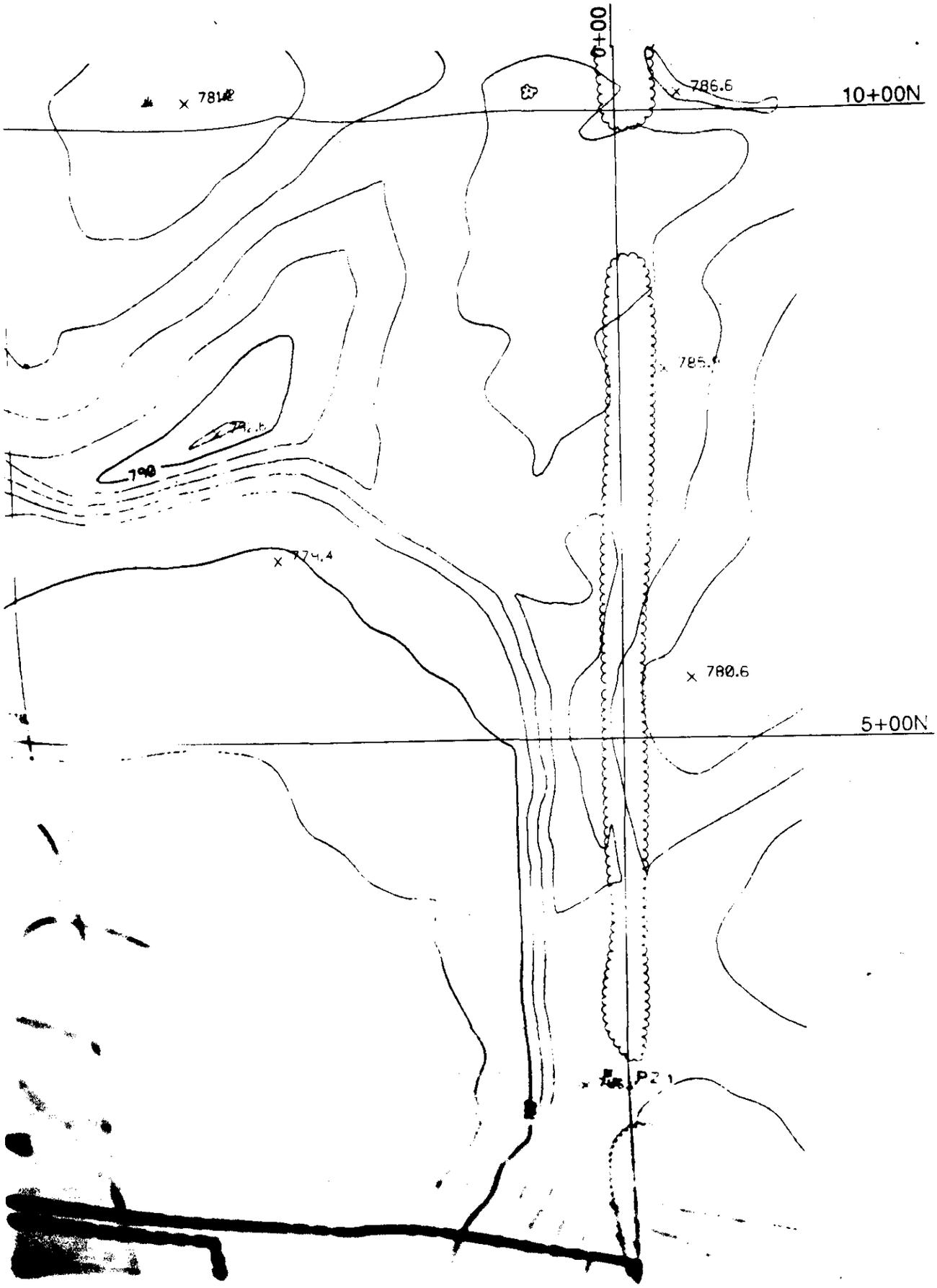
20+00W

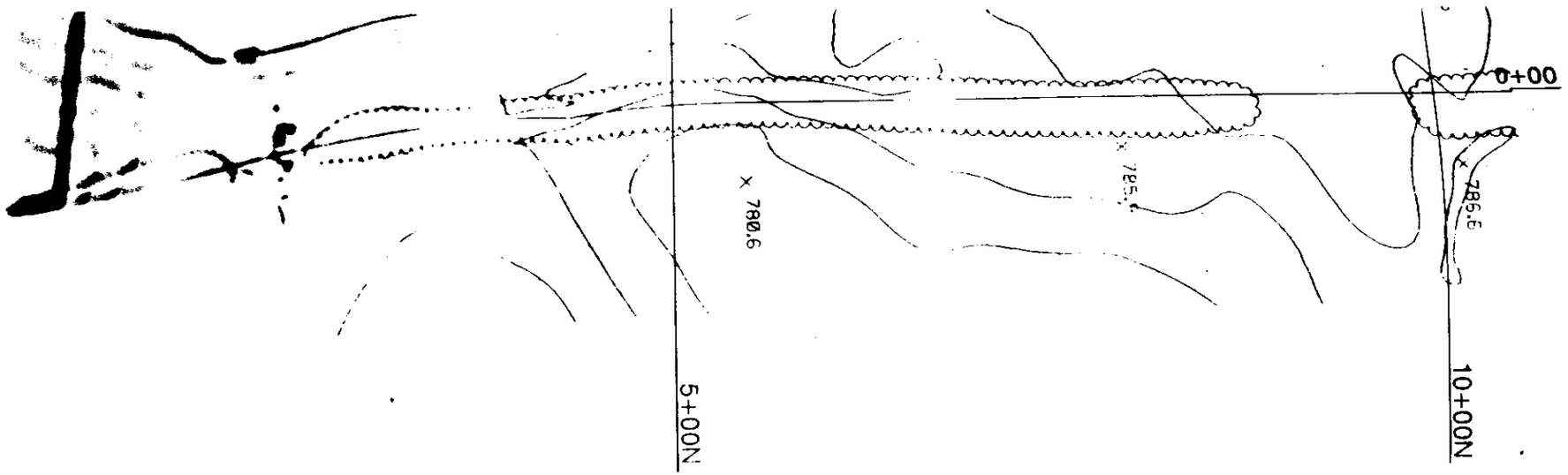

20+00W
15+00W


15+00W
10+00W
W.E. 780.9
780
770
780
779.6
770
GP2
GP3
APPROX
W2D


10+00W
5+00W
W.E. 780.9
780
790
780
790
780
784.3
779.6
APPROXIMATE PROPERTY LINE


5+00W
W.E. 780.9
790
780
790
774.4


0+00
10+00N
5+00N
786.6
780.6
790



Appd.

WARZYN

WARZYN ENGINEERING INC.

Designed By:

Drawn By: JC

Checked By:

Approved By:

Date:

Reference:

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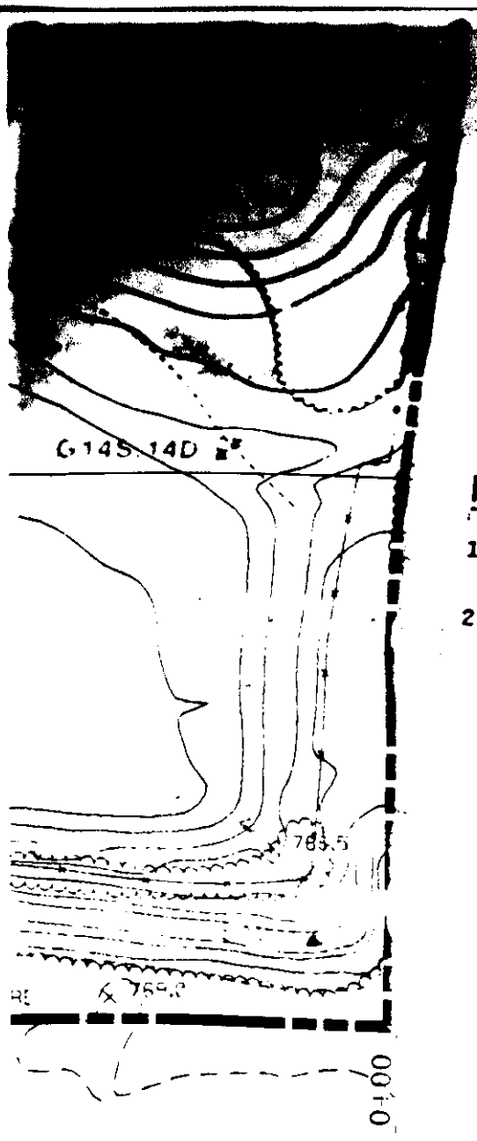

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W18 PROPOSED BORING/PIEZOMETER LOCATION & NUMBER

NOTES

1. REFER TO DRAWING 60953-F1 FOR ADDITIONAL NOTES AND LEGEND.
2. REFER TO DRAWING 60953-F3 FOR SOIL BORING LOCATIONS.

north

0 100 200

SCALE IN FEET

PROPOSED INVESTIGATION POINTS

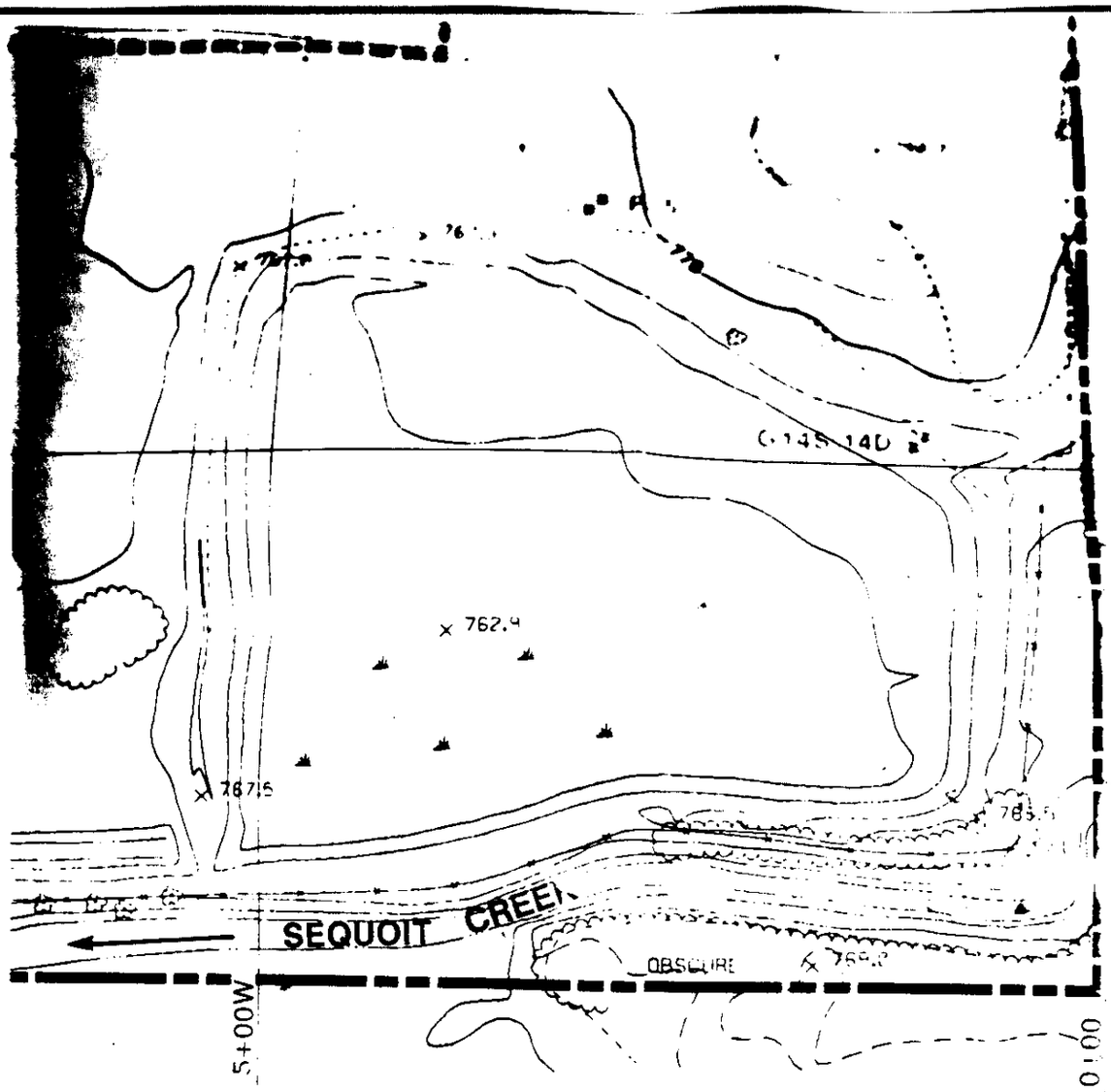
PRELIMINARY SITE EVALUATION REPORT

Printed

Sheet Number

Project Number

60953



W1S

LP1 PROPOSED LANDF AND NUMBER

GP1 PROPOSED PI LOCATION AN

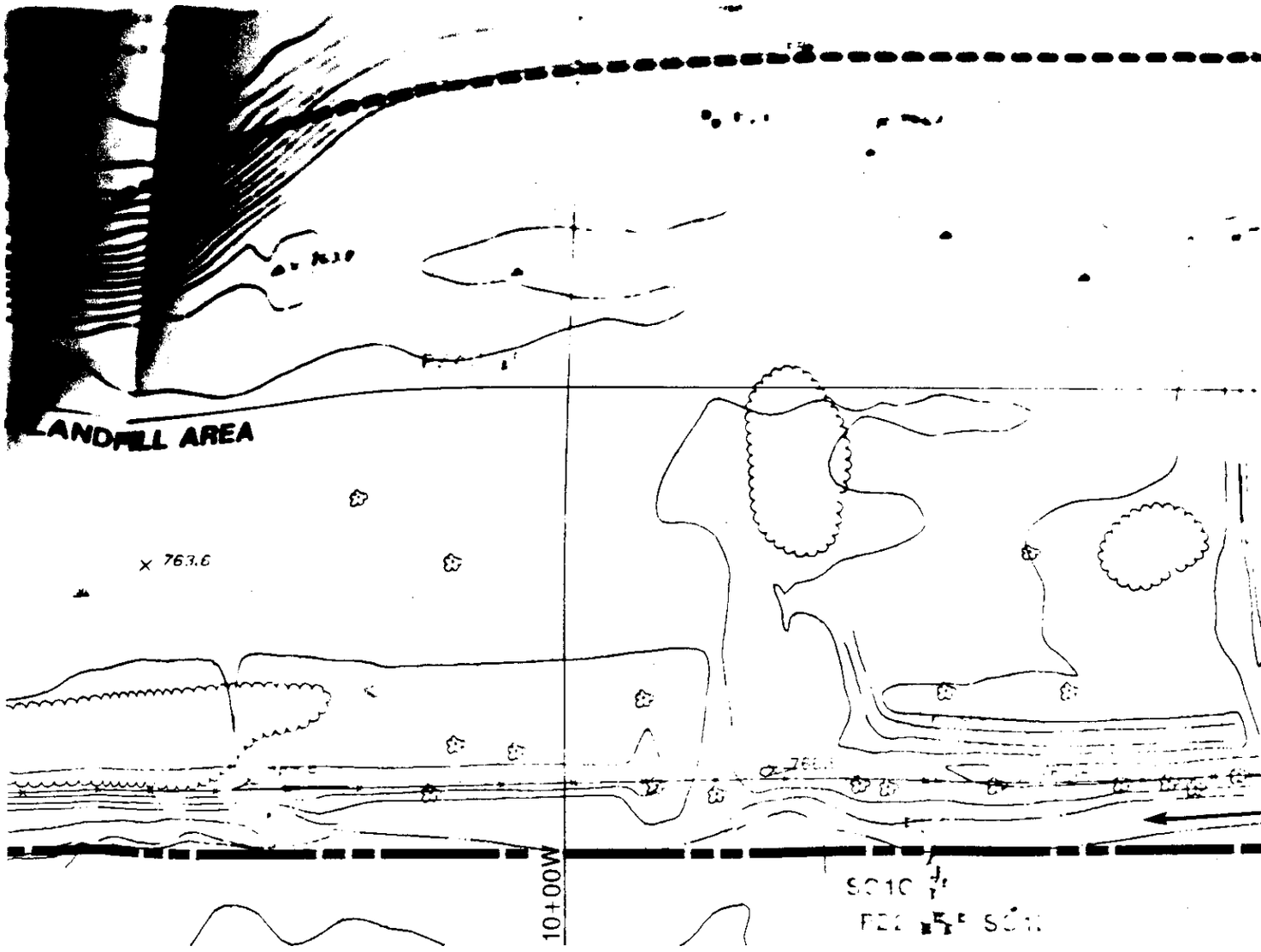
B1 PROPOSED LA AND NUMBER

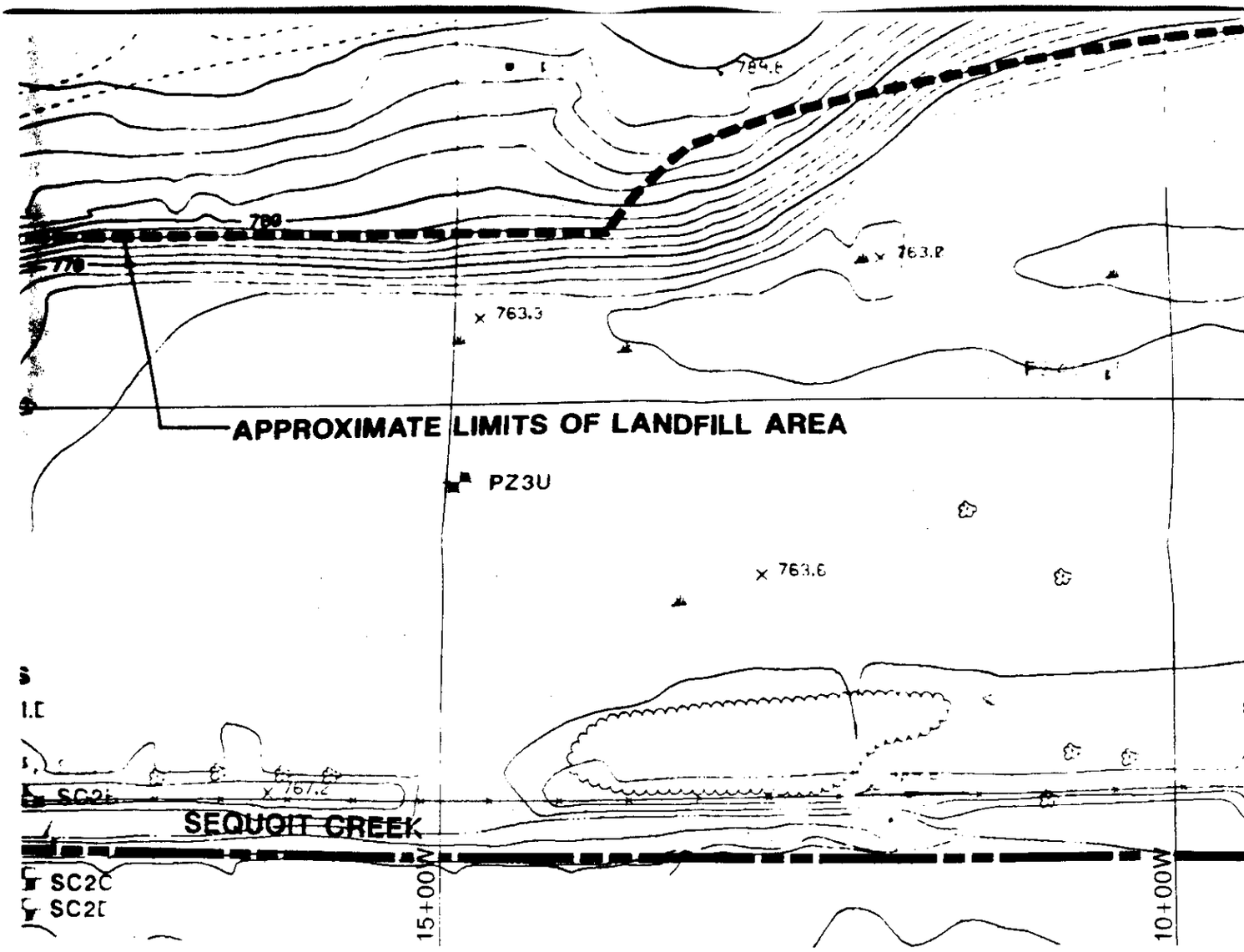
W1S PROPOSED B & NUMBER

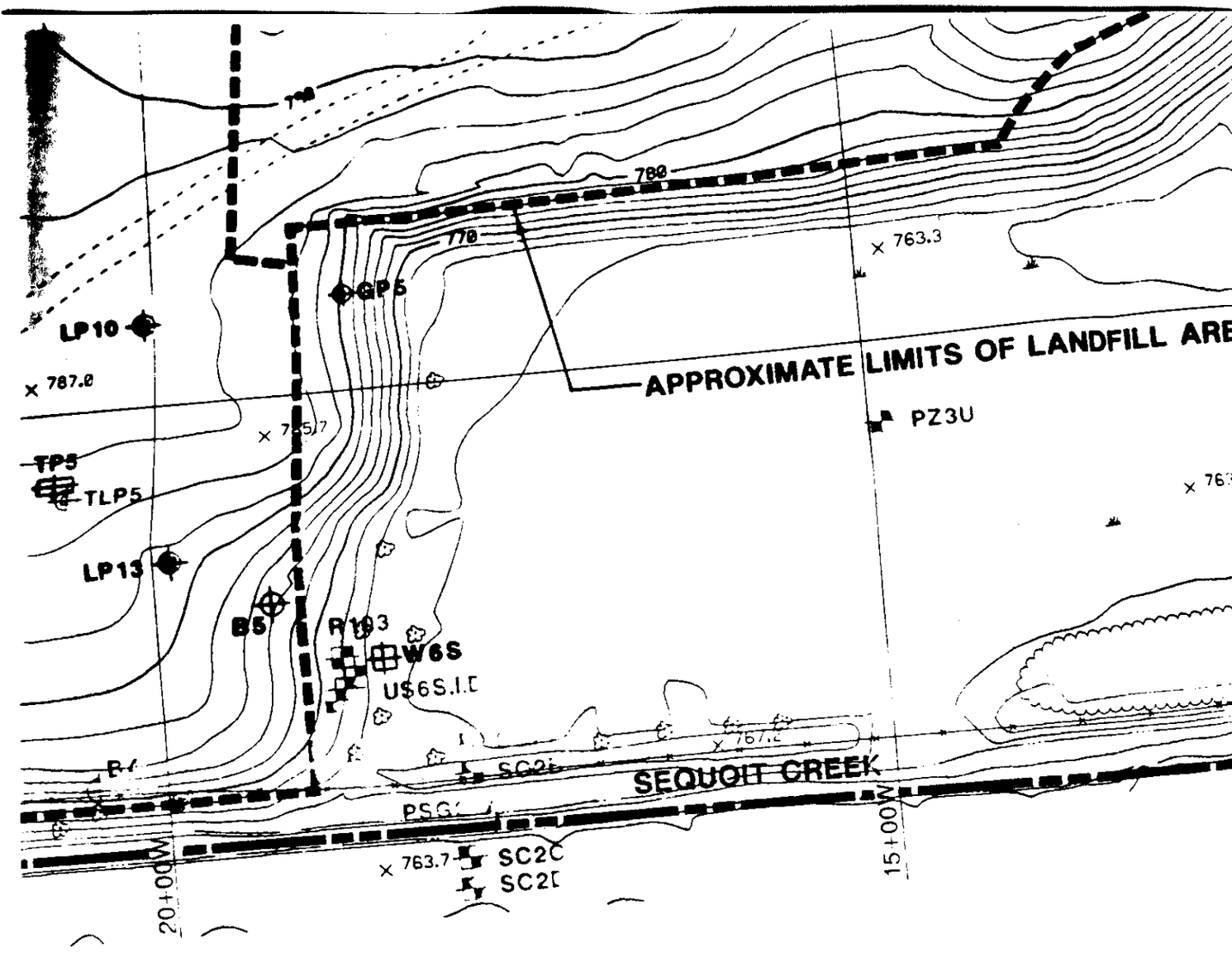
NOTES

1. REFER TO DRAWING AND LEGEND.
2. REFER TO DRAWING LOCATIONS.

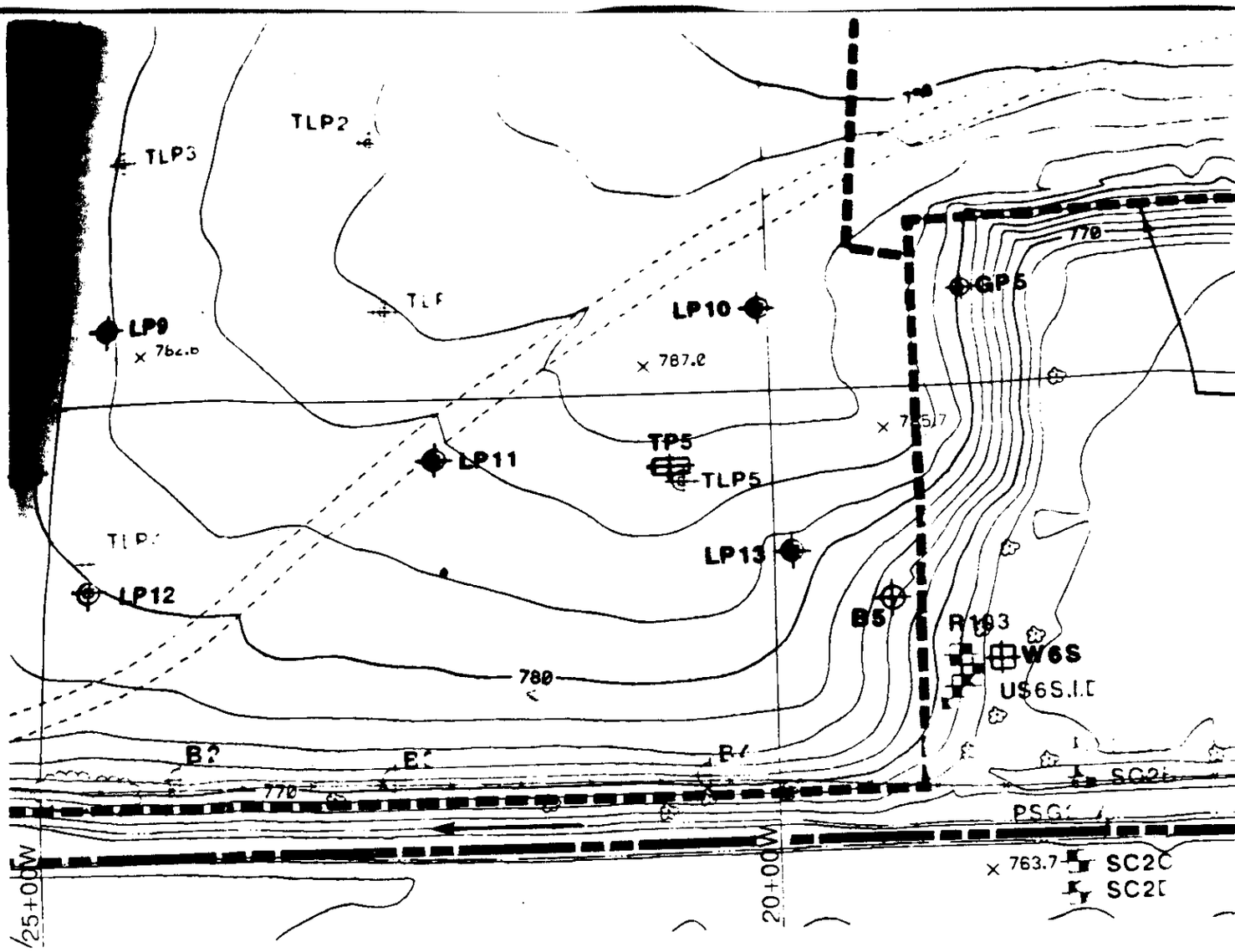
W1S


LANDFILL AREA
763.6
10+00W


APPROXIMATE LIMITS OF LANDFILL AREA
PZ3U
SEQUOIT CREEK
SC2C
SC2D
15+00W
10+00W
780
770
763.3
763.8
763.6
767.2


780
770
763.3
GP5
LP10
APPROXIMATE LIMITS OF LANDFILL ARE
787.0
PZ3U
TP5
TLP5
LP13
B5
R193
W6S
U$6S.I.D
SC2b
SEQUOIT CREEK
PSG
763.7
SC2C
SC2D
20+00W
15+00W

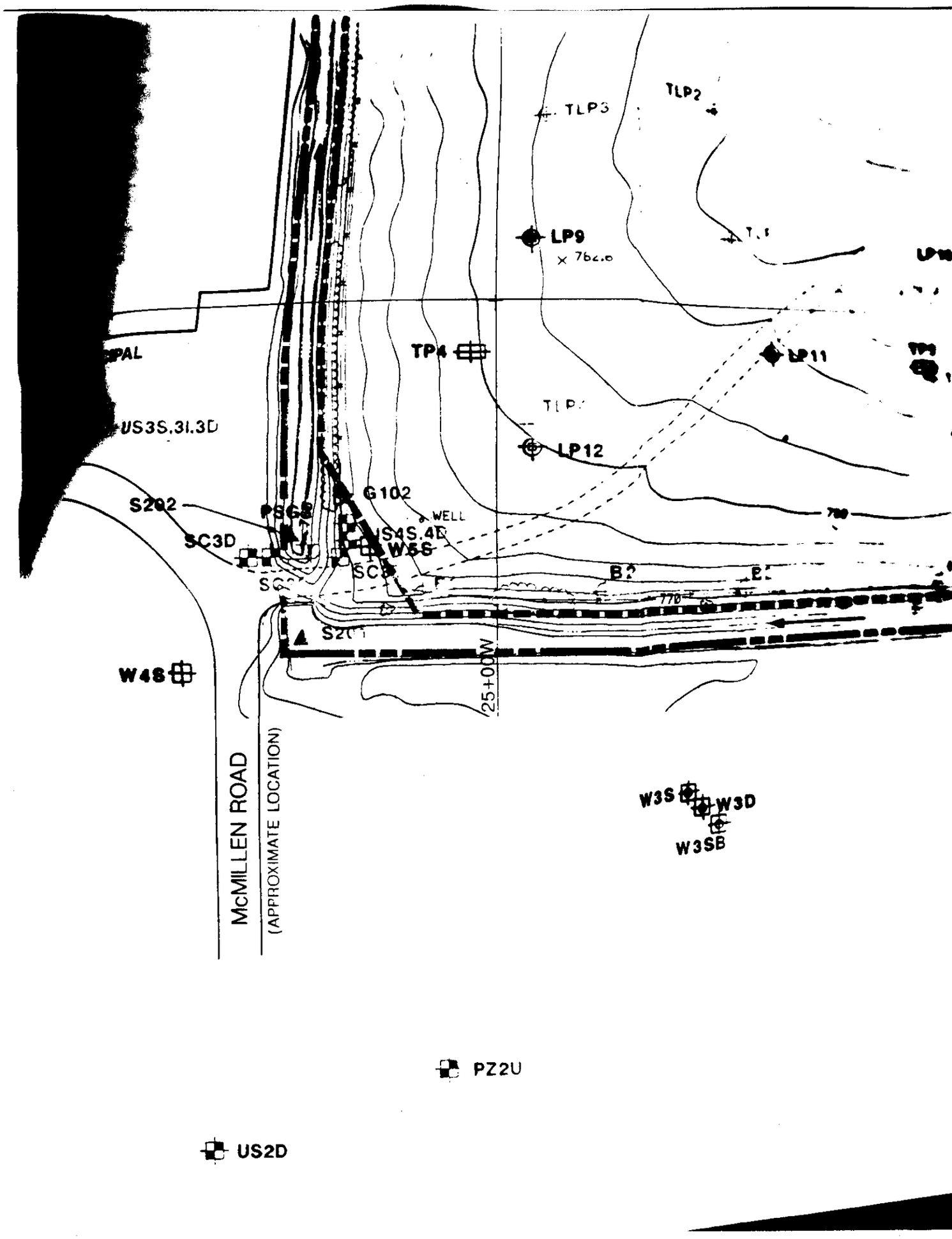
PZ1U



W3S
W3D
W3SB

PZ1U

PZ2U


TLP3
TLP2
LP9
TP4
LP11
LP12
US3S.3I.3D
S202
PSG8
G102
WELL
US4S.4D
W5S
SC3D
SC3
B2
770
S201
W4S
25+00W
McMILLEN ROAD
(APPROXIMATE LOCATION)
W3S
W3D
W3SB
PZ2U
US2D

10+00S
VILLAGE MUNICIPAL
WELL NO. 4
US3S,3I,3D
S202
SC3D
W4S
30+00W
McMILLEN ROAD
(APPROXIMATE LOCATION)
US2D
MASTER BLUE PRINT INC. 501728
Audit
Overlay
Screen