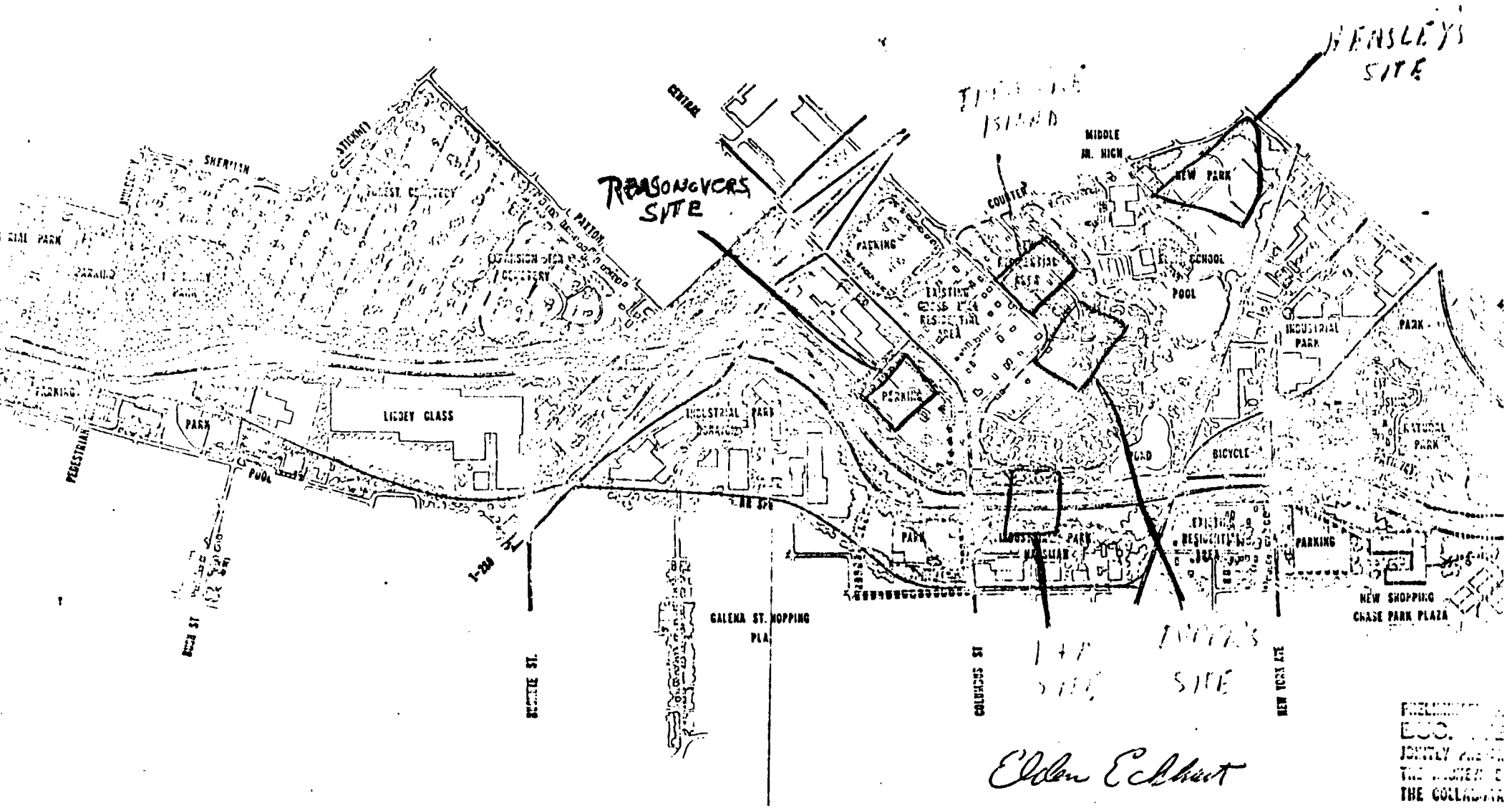
US EPA RECORDS CENTER REGION 5

422302

BUCKEYE PLAIN
EXTRA BELT



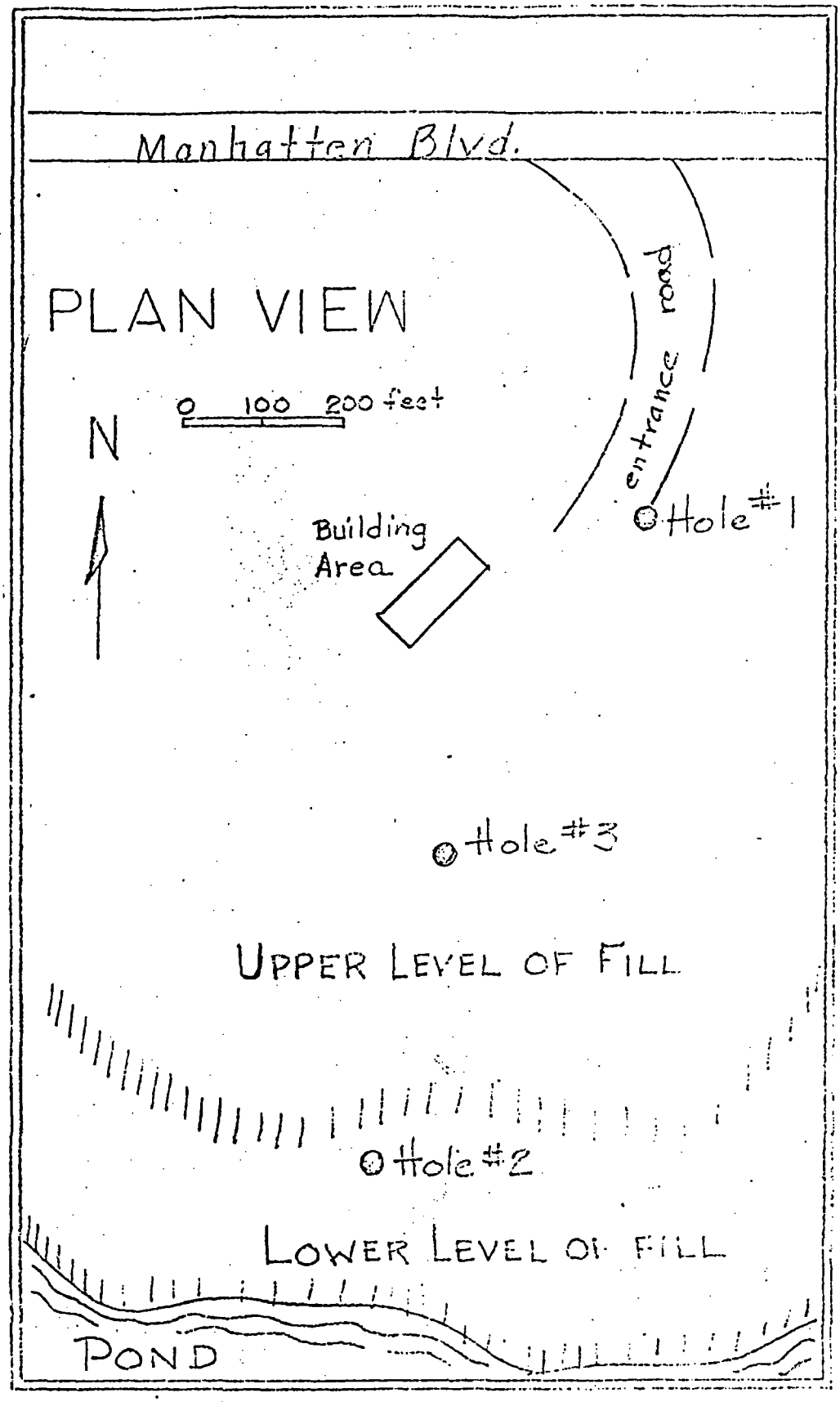


Figure 1. Plan view map of 2020 Manhatten Boulevard showing locations of test borings.

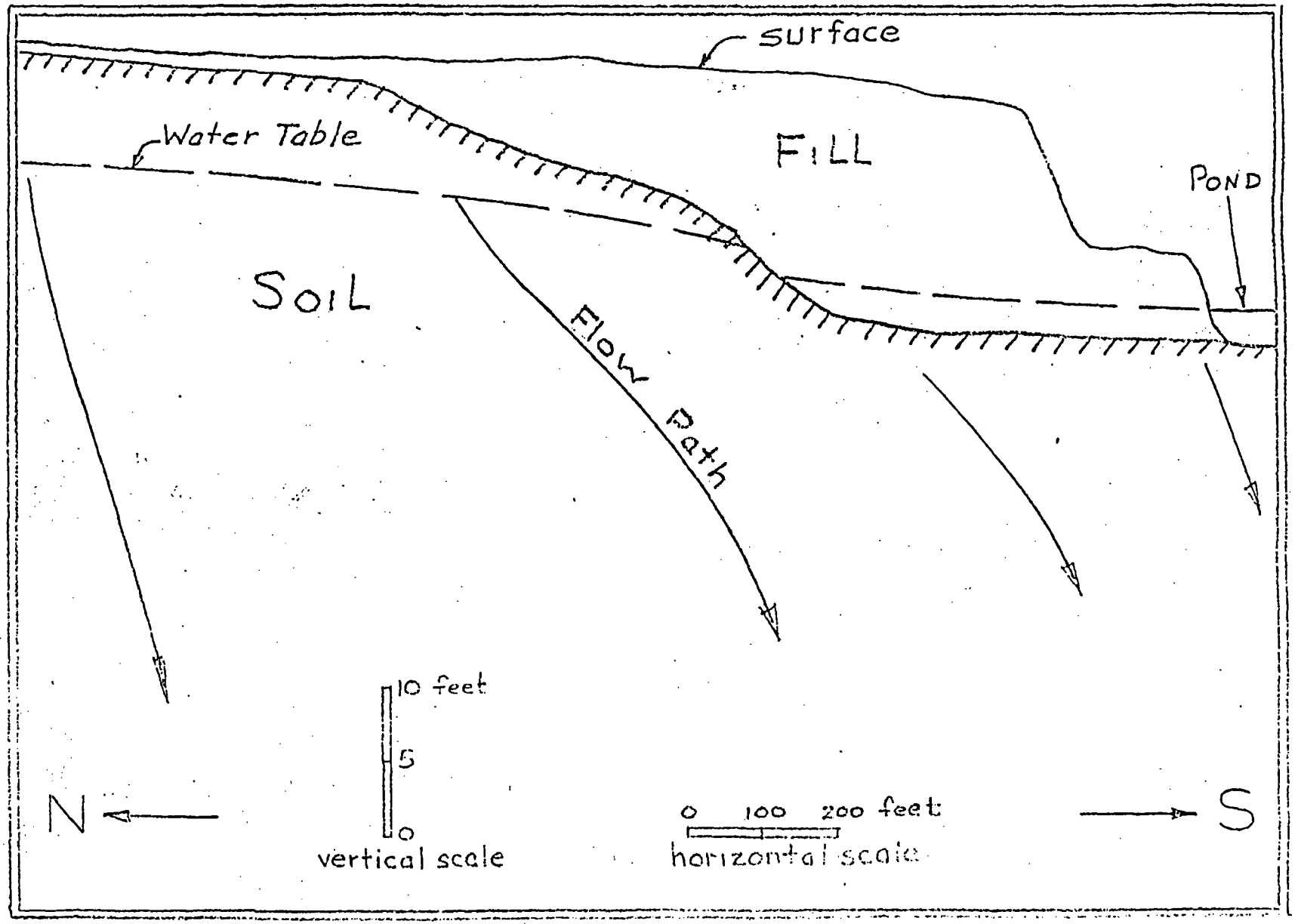


Figure 2. North-south cross-section showing position of soil-fill interface, water table, and direction of ground-water movement.

RM 16

RM 17

RM 18

RM 19

RM 20

Refer to the CONVERSION TO REGULAR PROGRAM date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been established.

To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620, or (800) 424-8872.

APPROXIMATE SCALE

800 0 800 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

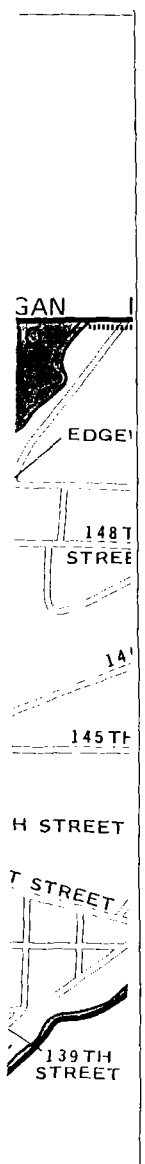
CITY OF
TOLEDO,
OHIO
LUCAS COUNTY

PANEL 15 OF 40

COMMUNITY-PANEL NUMBER
395373 0015 A

EFFECTIVE DATE:
JUNE 4, 1980

U.S. DEPARTMENT OF HOUSING
AND URBAN DEVELOPMENT
FEDERAL INSURANCE ADMINISTRATION



A3
791

EFERENCE MARKS

RM 1

RM 2

RM 3

RM 4

RM 5

RM 6

RM 7

RM 8

RM 9

RM 10

RM 11

RM 12

RM 13

RM 14

KEY TO MAP

500-Year Flood Boundary

100-Year Flood Boundary

Zone Designations* With Date of Identification e.g., 12/2/74

100-Year Flood Boundary

500-Year Flood Boundary

ZONE B

ZONE B

Base Flood Elevation Line With Elevation In Feet** — 513

Base Flood Elevation in Feet Where Uniform Within Zone** — (EL 987)

Elevation Reference Mark — RM7 ×

River Mile — • M1.5

**Referenced to the National Geodetic Vertical Datum of 1929

*EXPLANATION OF ZONE DESIGNATIONS

ZONE	EXPLANATION
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; average depths of inundation are shown, but no flood hazard factors are determined.
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Areas between limits of the 100-year flood and 500-year flood; or certain areas subject to 100-year flooding with average depths less than one (1) foot or where the contributing drainage area is less than one square mile; or areas protected by levees from the base flood. (Medium shading)
C	Areas of minimal flooding. (No shading)
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.

This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.

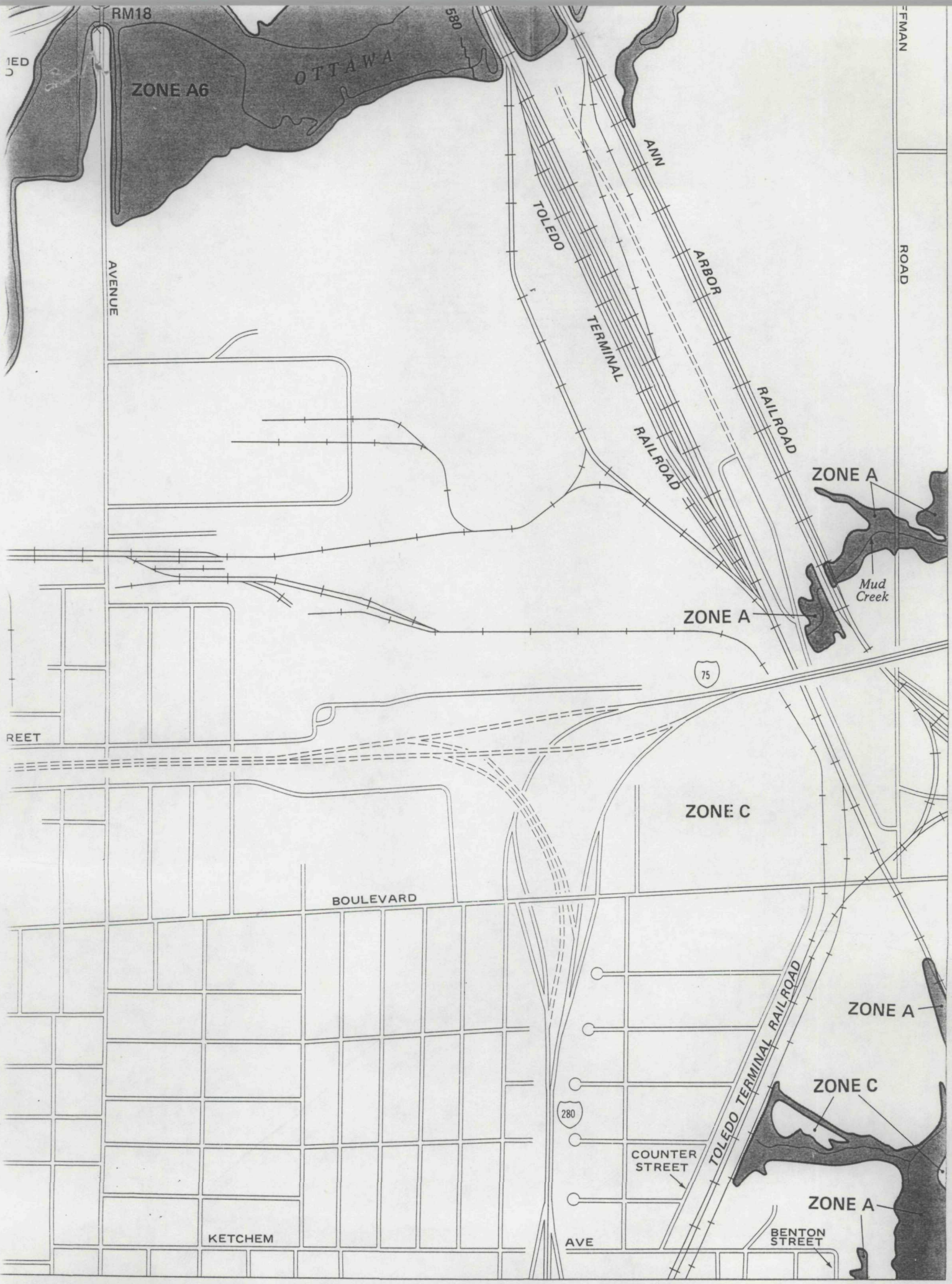
For adjoining map panels, see separately printed Index To Map Panels.

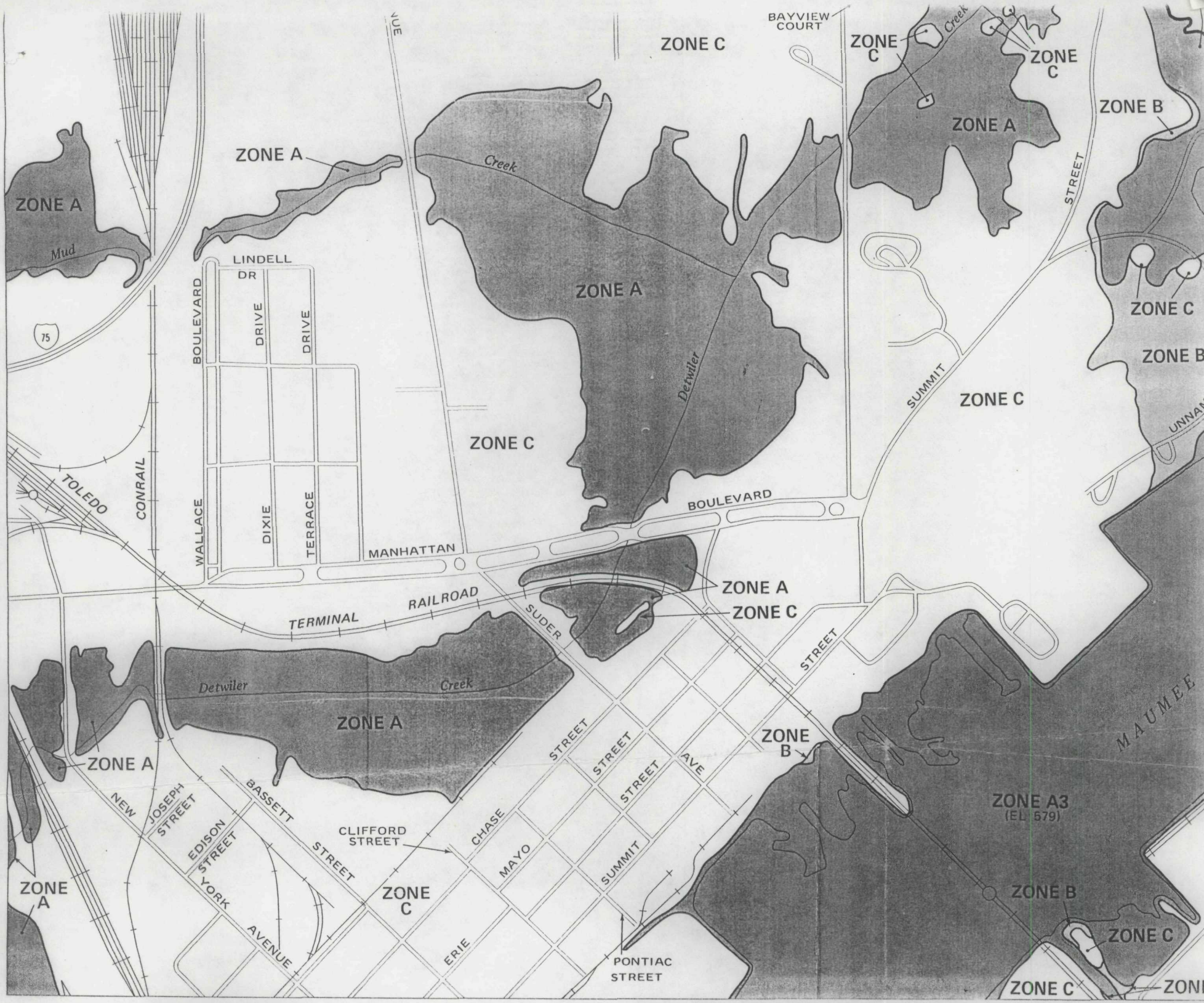
INITIAL IDENTIFICATION:
OCTOBER 8, 1976

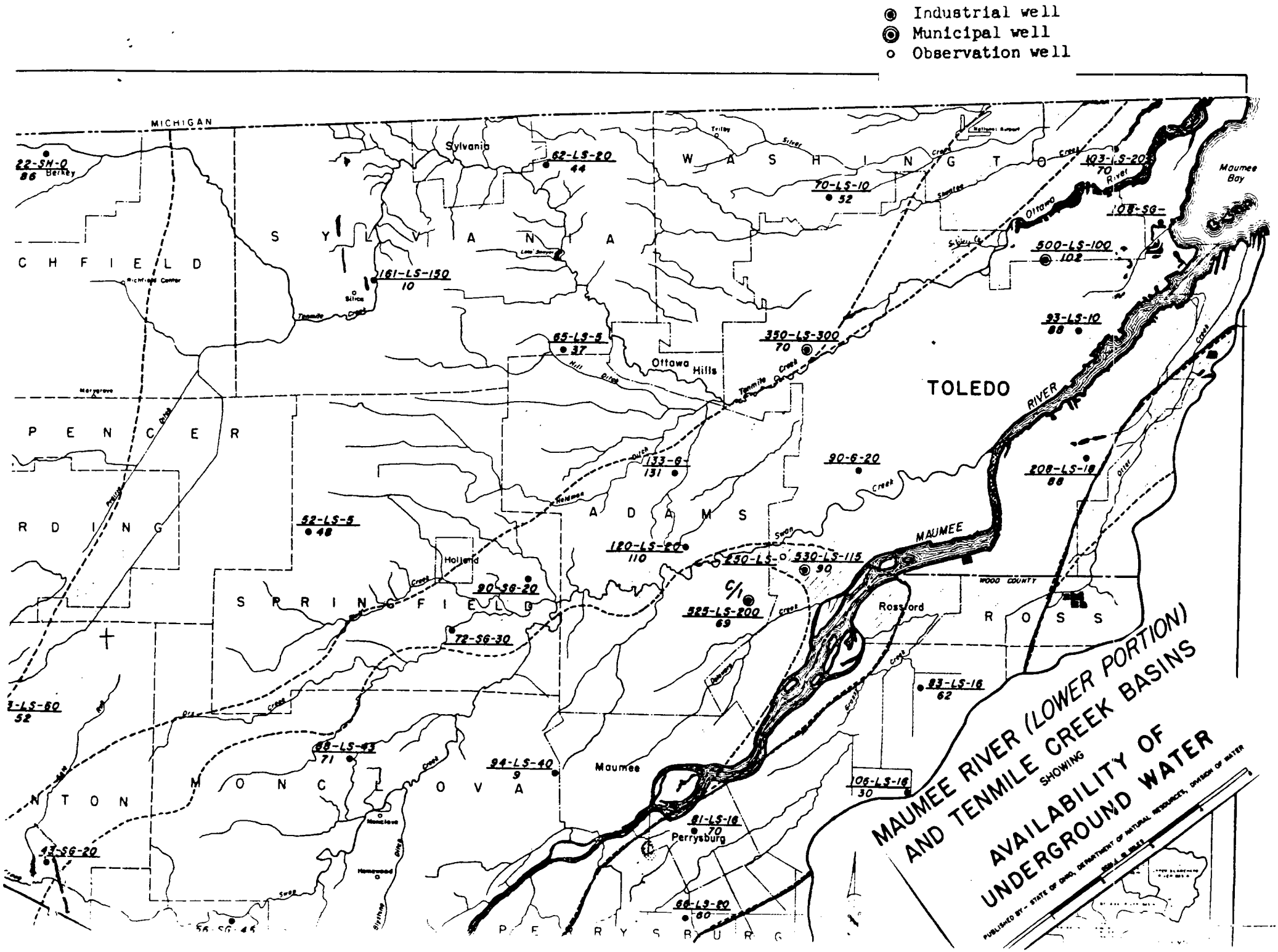
FLOOD HAZARD BOUNDARY MAP REVISIONS:

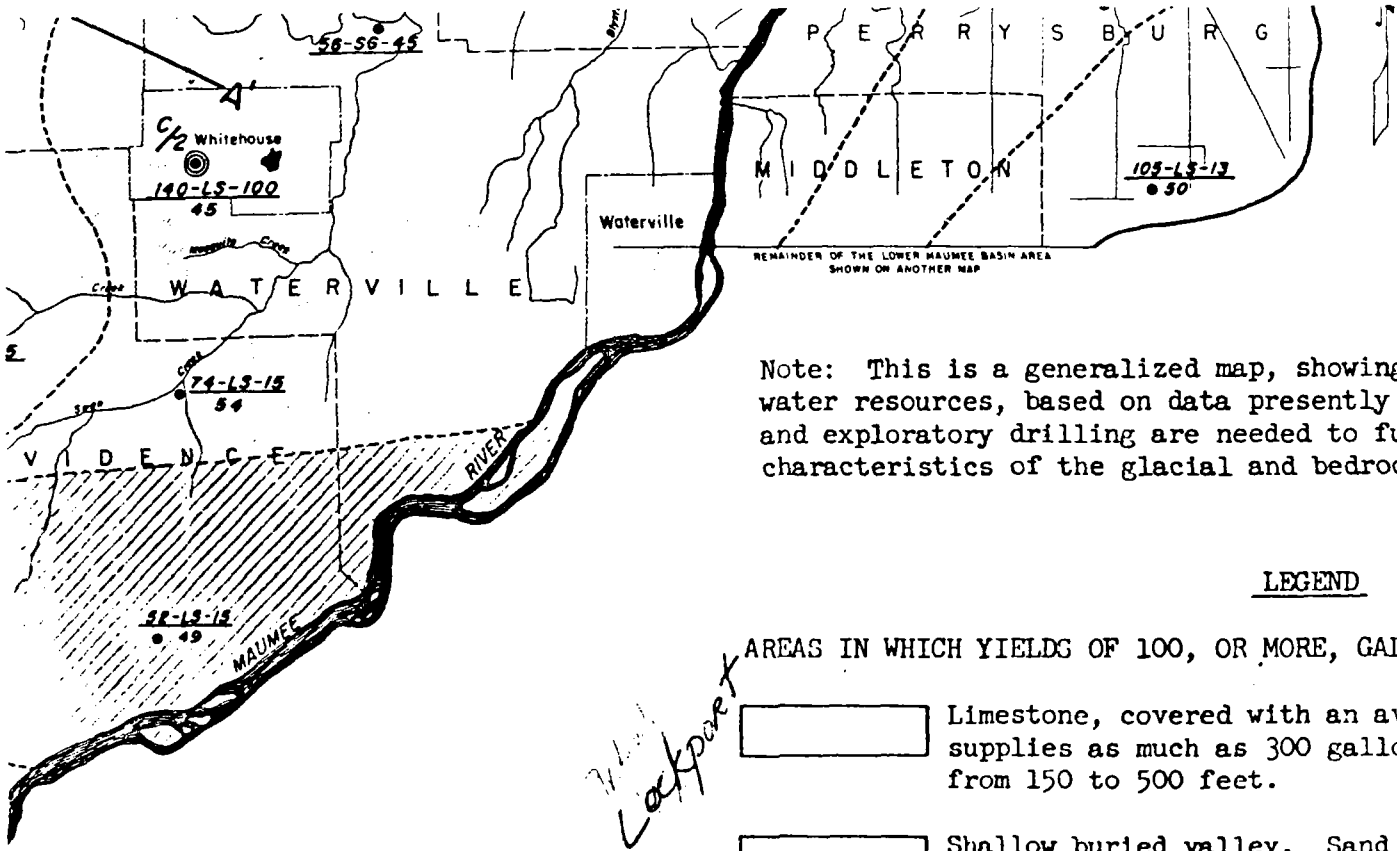
FLOOD INSURANCE RATE MAP EFFECTIVE:
JUNE 4, 1980

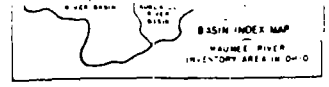
FLOOD INSURANCE RATE MAP REVISIONS:


RM18
580
OTTAWA
ZONE A6
AVENUE
TOLEDO
TERMINAL
RAILROAD
ANN
ARBOR
RAILROAD
ROAD
ZONE A
Mud
Creek
ZONE A
75
REET
ZONE C
BOULEVARD
TOLEDO TERMINAL RAILROAD
ZONE A
ZONE C
280
COUNTER
STREET
ZONE A
KETCHEM
AVE
BENTON
STREET


ZONE C
BAYVIEW COURT
ZONE C
Creek
ZONE C
ZONE A
ZONE B
ZONE A
Creek
STREET
ZONE A
Mud
LINDELL DR
ZONE A
ZONE C
ZONE B
75
BOULEVARD
DRIVE
DRIVE
Detwiler
SUMMIT
ZONE C
ZONE C
UNNAM
TOLEDO
CONRAIL
WALLACE
DIXIE
TERRACE
MANHATTAN
BOULEVARD
ZONE A
ZONE C
TERMINAL
RAILROAD
SUDER
STREET
Detwiler
Creek
ZONE A
MAUMEE
ZONE A
ZONE B
STREET
STREET
STREET
AVE
ZONE A3
(EL 579)
NEW
JOSEPH STREET
BASSETT
EDISON STREET
YORK
AVENUE
STREET
CLIFFORD STREET
CHASE
MAYO
SUMMIT
ZONE A
ZONE C
ZONE B
ZONE C
ERIE
PONTIAC STREET
ZONE C
ZONE


Industrial well
Municipal well
Observation well
MAUMEE RIVER (LOWER PORTION)
AND TENMILE CREEK BASINS
SHOWING
AVAILABILITY OF
UNDERGROUND WATER
PUBLISHED BY - STATE OF OHIO, DEPARTMENT OF NATURAL RESOURCES, DIVISION OF WATER
SCALE IN MILES
MICHIGAN
Sylvania
W A S H I N G T O N
S Y L V A N I A
C H F I E L D
P E N C E R
R D I N G
A D A M S
S P R I N G F I E L D
M O N C L O V A
N T O N
R O S S
P E R R Y S B U R G
TOLEDO
Maumee Bay
MAUMEE RIVER
Ottawa Hills
Holland
Maumee
Perrysburg
Rossford
WOOD COUNTY
Berkey
Richfield Center
Silica
Monclova
Haskins
22-SH-0
86
62-LS-20
44
70-LS-10
52
103-LS-20
70
108-SG-
500-LS-100
102
161-LS-150
10
93-LS-10
88
65-LS-5
37
350-LS-300
70
133-G-
131
90-G-20
208-LS-18
88
52-LS-5
48
120-LS-80
110
250-LS-0
530-LS-115
90
90-SG-20
525-LS-200
69
72-SG-30
83-LS-16
62
3-LS-80
52
88-LS-43
71
94-LS-40
9
106-LS-16
30
81-LS-16
70
43-SG-20
66-LS-80
60





Note: This is a generalized map, showing the potential underground-water resources, based on data presently available. Detailed studies and exploratory drilling are needed to fully define the hydrologic characteristics of the glacial and bedrock aquifers.

LEGEND

AREAS IN WHICH YIELDS OF 100, OR MORE, GALLONS A MINUTE CAN BE DEVELOPED

Limestone, covered with an average of 60 feet of till, supplies as much as 300 gallons per minute at depths of from 150 to 500 feet.

Shallow buried valley. Sand and gravel layers, where present in the till, generally yield less than 20 gallons per minute. Good possibilities for small industrial supplies from underlying limestone.

Adequate domestic supplies from sand and gravel lenses at depths of less than 100 feet in the drift. Larger supplies from underlying limestone.

AREAS IN WHICH YIELDS OF 25, OR MORE, GALLONS A MINUTE CAN BE DEVELOPED

Drift averages 150 feet thick and contains occasional sand and gravel lenses which yield a maximum of 50 gallons per minute. Small supplies available from upper portion of shale bedrock.

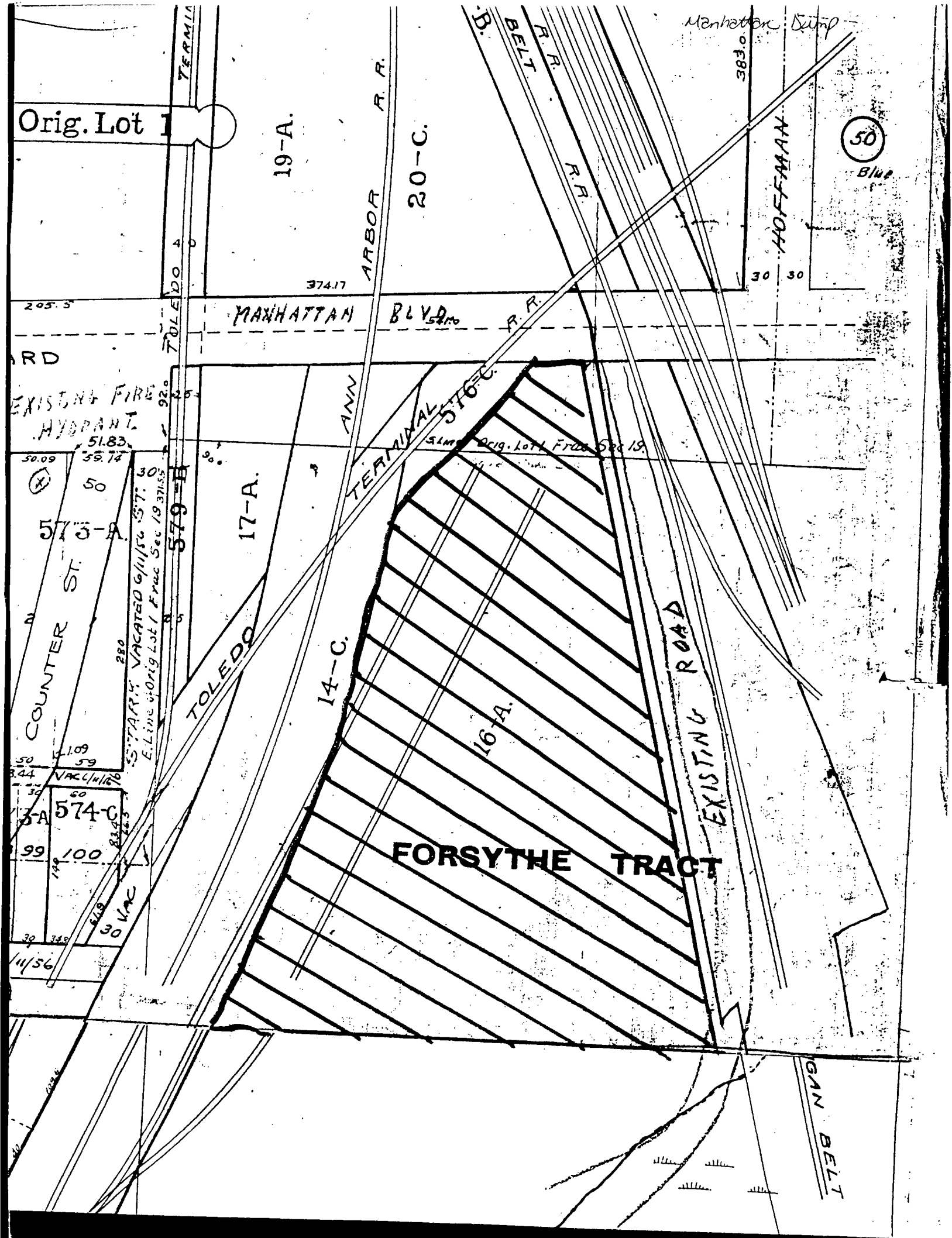
Lockport

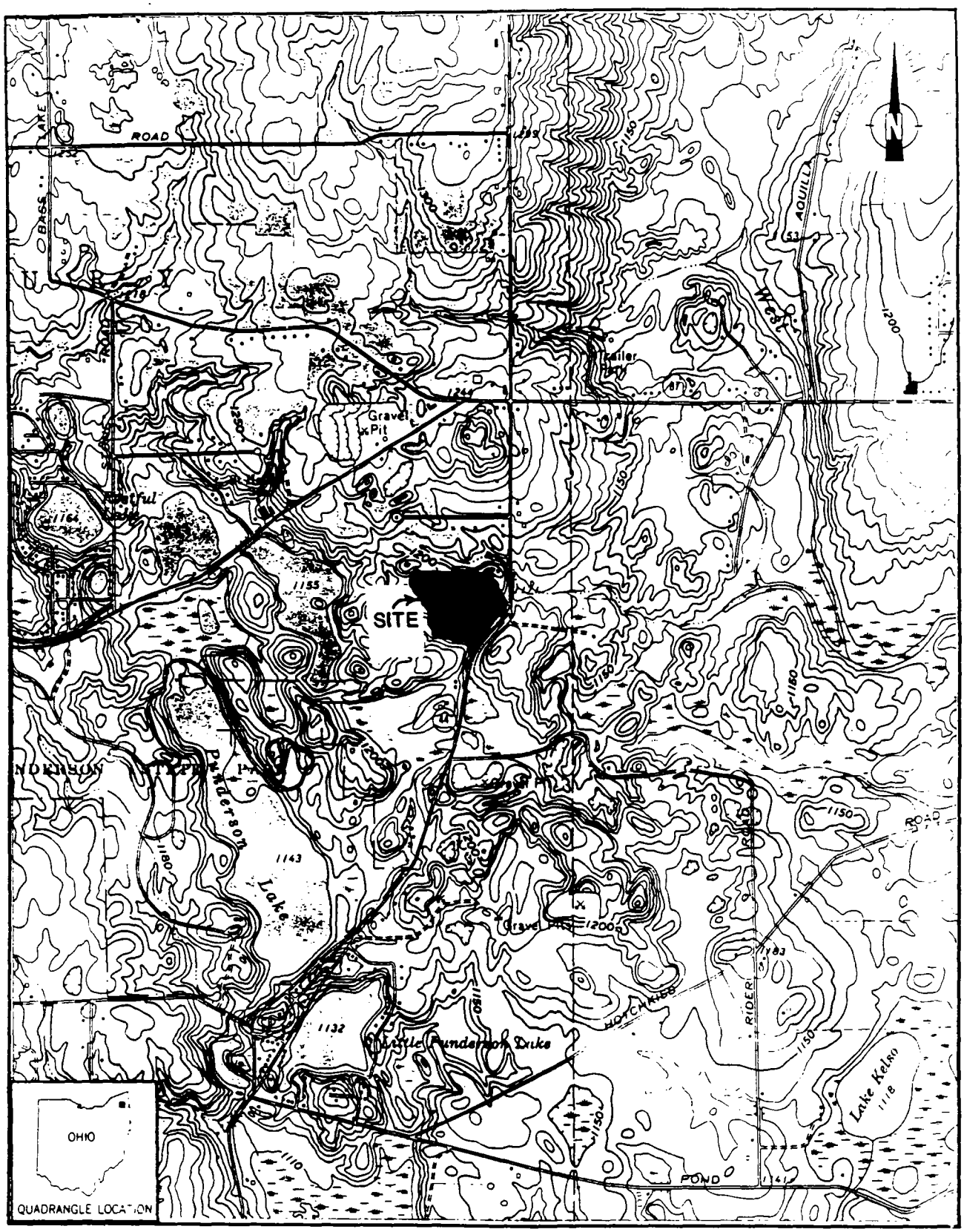
YMBOLS

LS Limestone
SH Shale
S Sand
G Gravel

s in text.

formation - Yield (gpm)
(Ft.)


Manhattan Dump
Orig. Lot 1
19-A.
20-C.
ANN ARBOR R.R.
B. BELT R.R.
R.R.
HOFFMAN
50
Blue
TOLEDO
MANHATTAN BLVD
R.R.
EXISTING FIRE HYDRANT
TERMINAL 576-C.
Orig. Lot 1 Frac Sec 19
17-A.
579-B
573-A.
COUNTER ST.
STARR VACATED 6/11/56
E. Line of Orig Lot 1 Frac Sec 19
TOLEDO
14-C.
16-A.
EXISTING ROAD
FORSYTHE TRACT
574-C
VAC 1/11/56
30 VAC
GAN BELT



SOURCE: Burton, OH Quadrangle, 7.5 Minute Series, 1966.

SCALE

0 ½ 1 MILE

FIGURE 2-1 SITE LOCATION

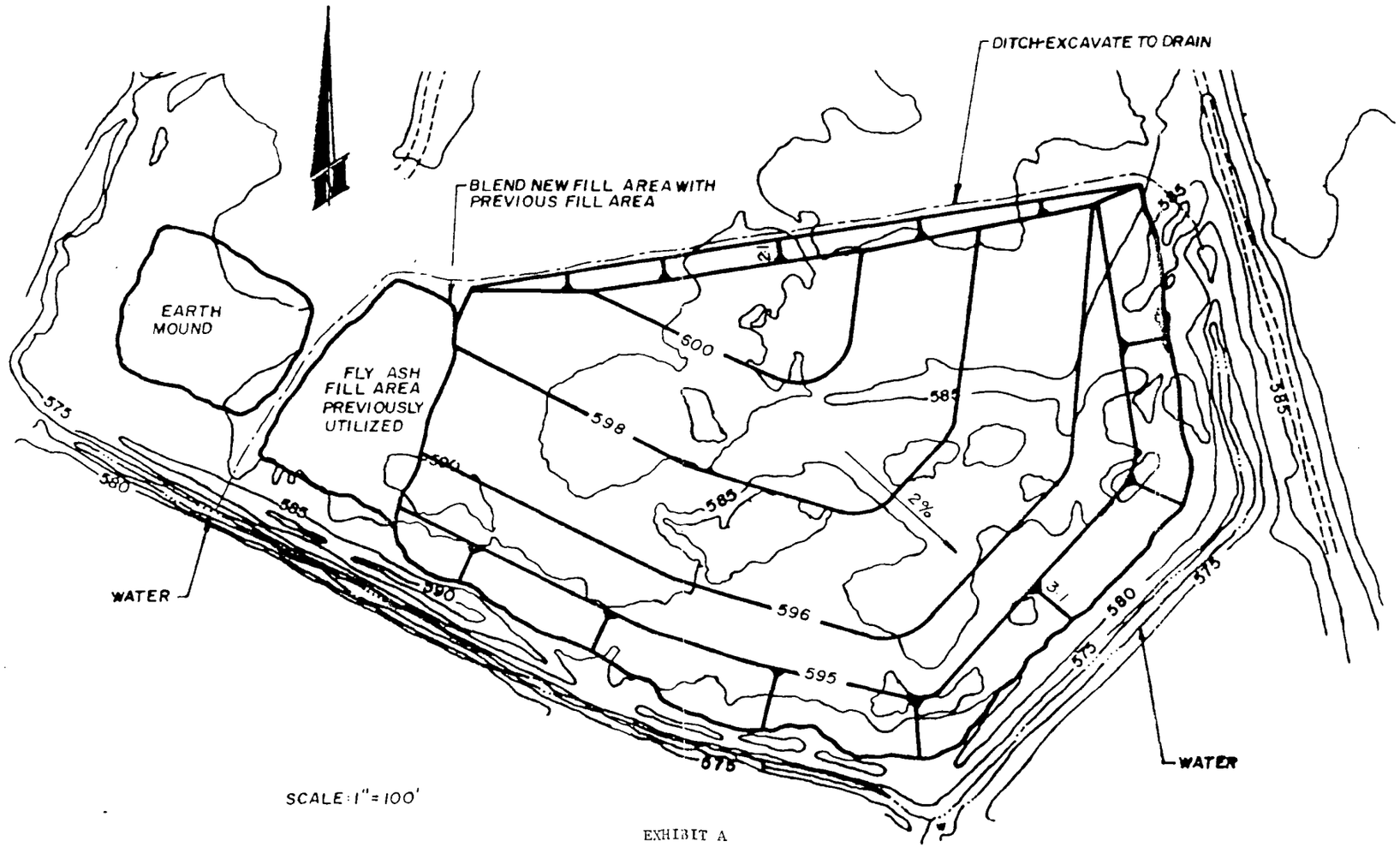
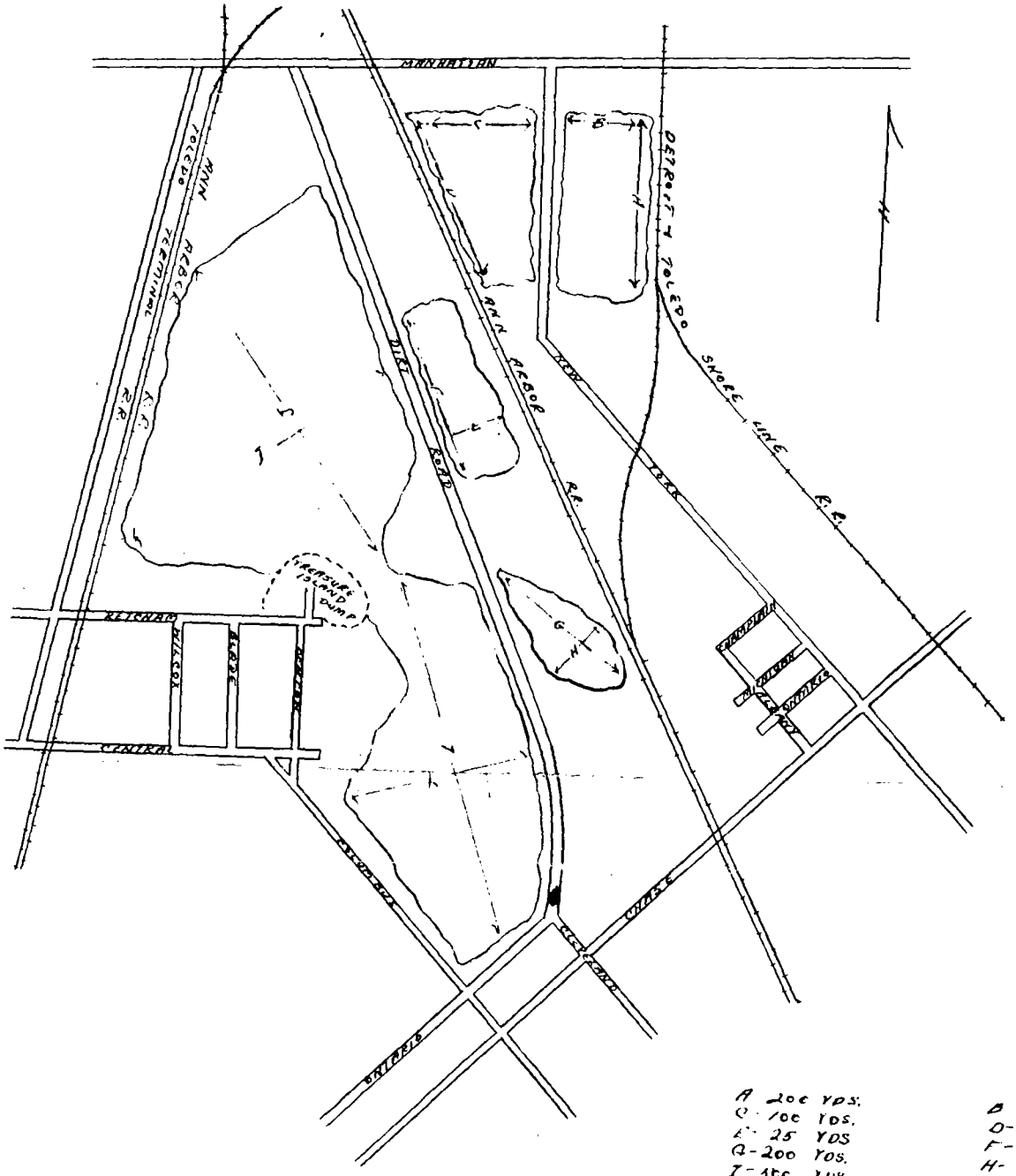


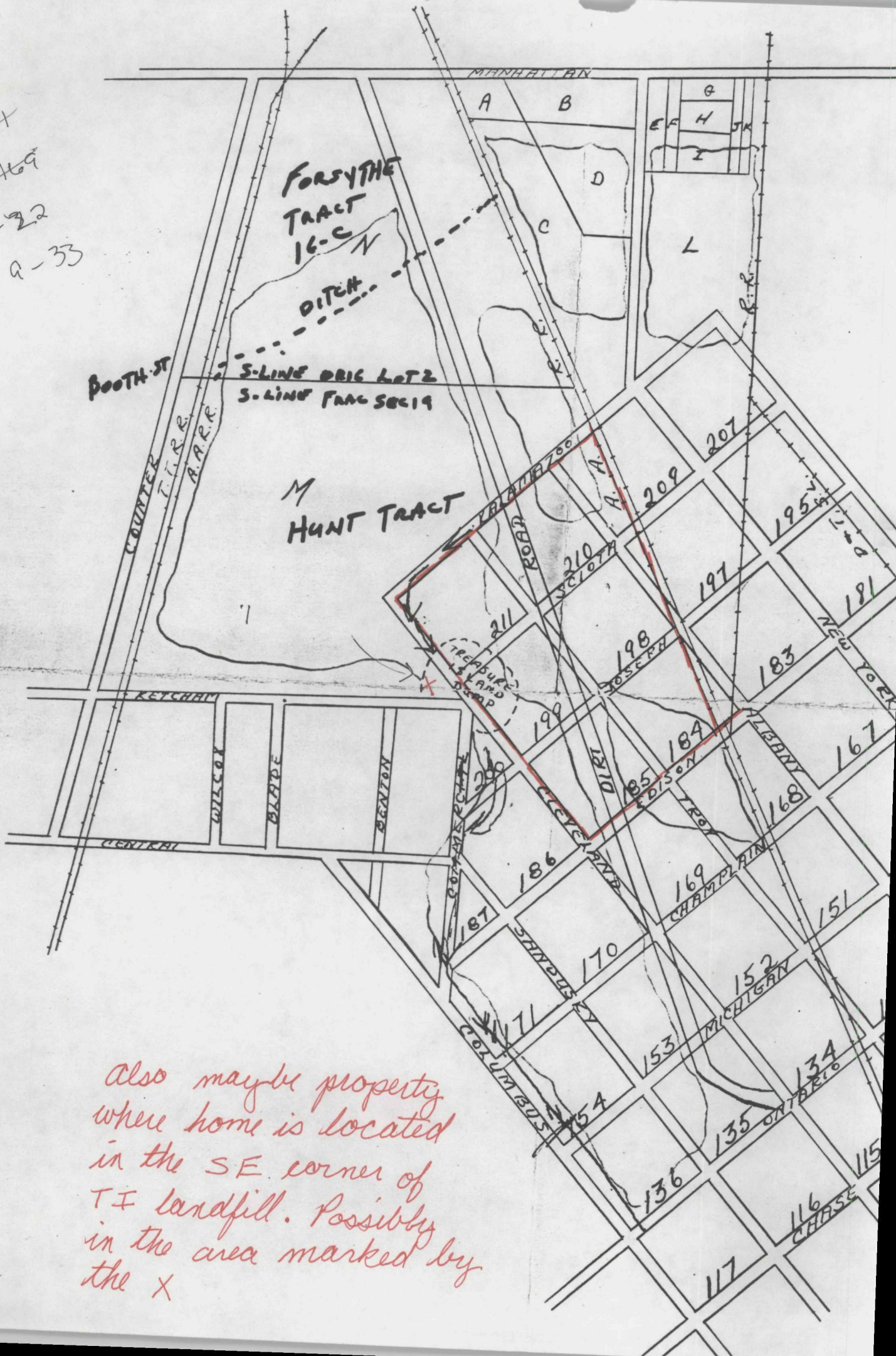
EXHIBIT A

FILL AREA MIRACLE PARK
REACTIVATION OF SOUTH POND - PHASE II
ACME STATION

DATE: 6-26-85


MANHATTAN
DETROIT & TOLEDO SHORE LINE R.R.
ANN ARBOR R.R.
DIKE ROAD
TOLEDO TERMINAL R.R.
TREASURE ISLAND DUMP
KEITHNAN
CENTRAL
COLUMBUS
ORLEANS
CLEVELAND
CHARLES
A 200 YDS.
C 100 YDS.
E 25 YDS
G-200 YDS.
I-300 YDS.
K-200 YDS.
B
D-
F-
H-
J-
L-
A,B,C,D GROUND LEVEL APPR
NEW YORK AVE.
E,F,G,H GROUND LEVEL APPROX
DIKE ROAD & ANN ARBOR R.R.
I,J,K,L GROUND LEVEL APPROX
COLUMBUS ST.

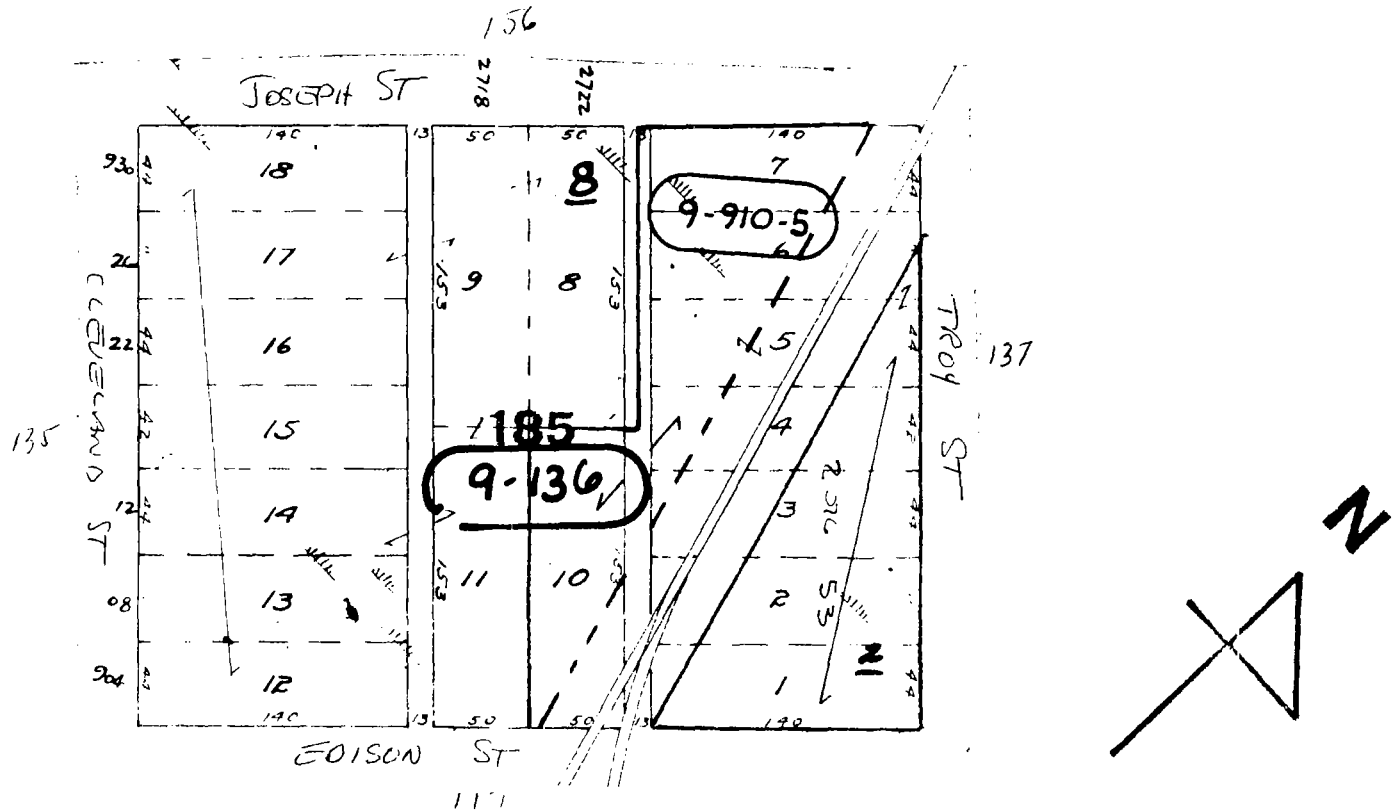
9-11
~~2-169~~
9-22
9-33



also maybe property where home is located in the SE corner of TI landfill. Possibly in the area marked by the X

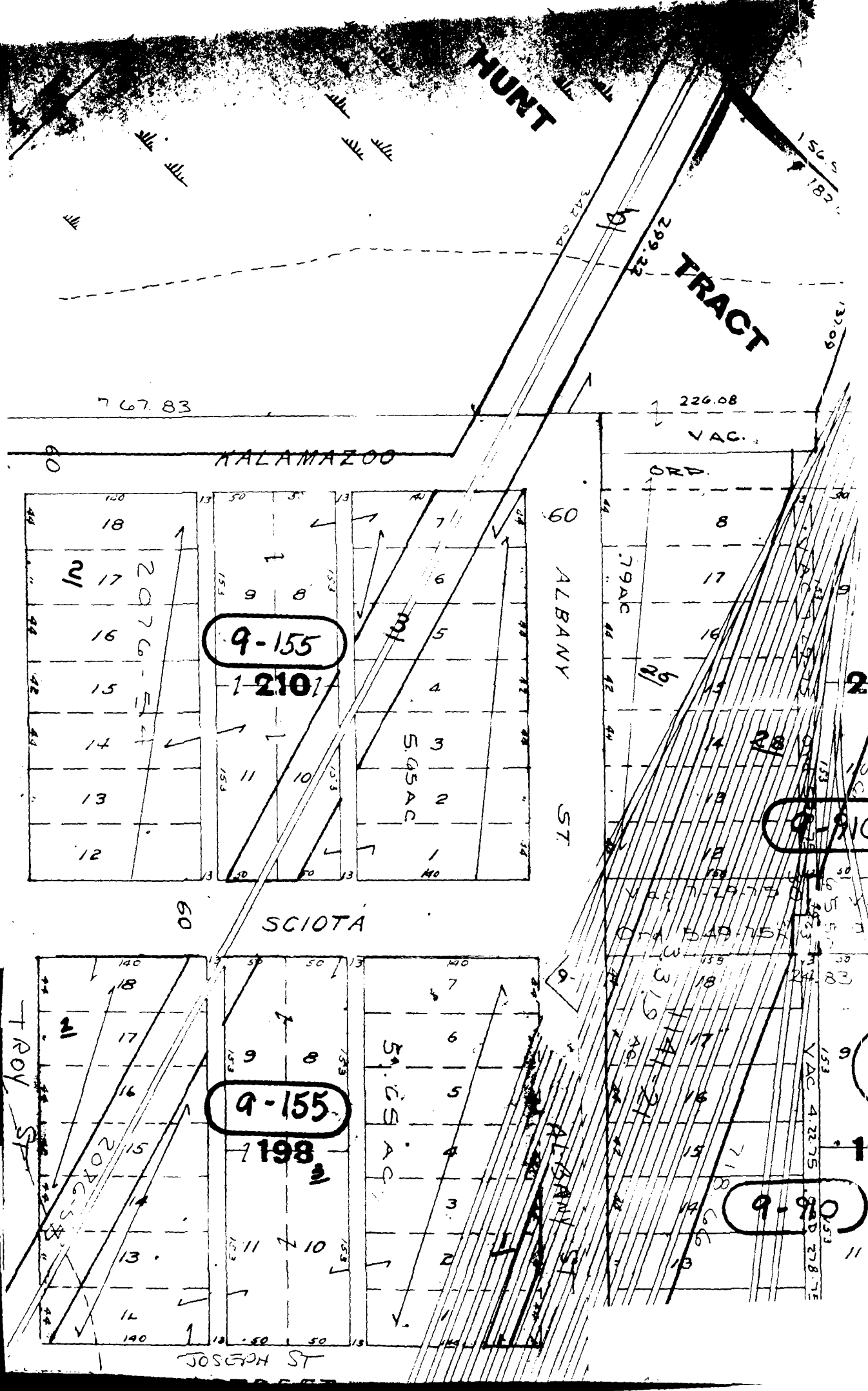
9-136-2	11-19717	—
9-136-8	11-19747	#2
9-155-1	11-20317	
9-155-2 ~~3~~	11-20317	—
3	11-19417	#2
9-156-1	11-20377	—
9-164-1	11-20914	—

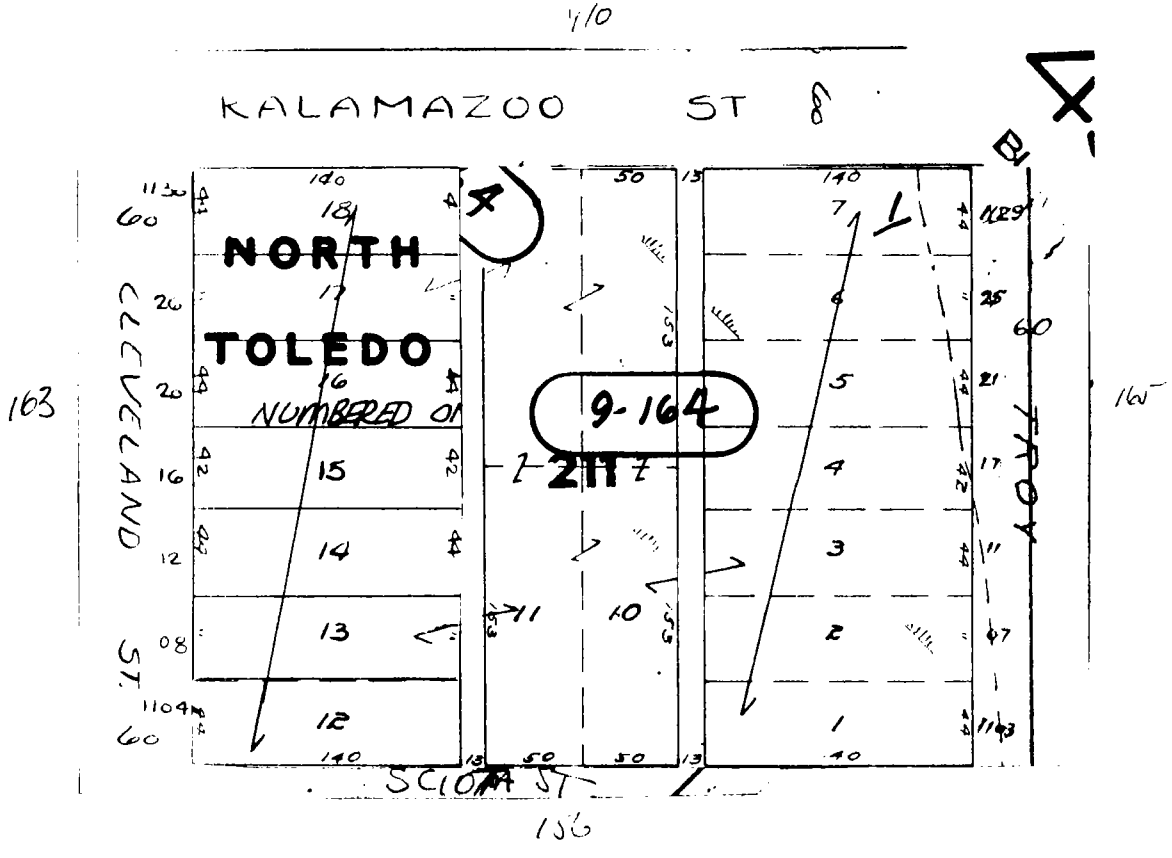
MANHAT

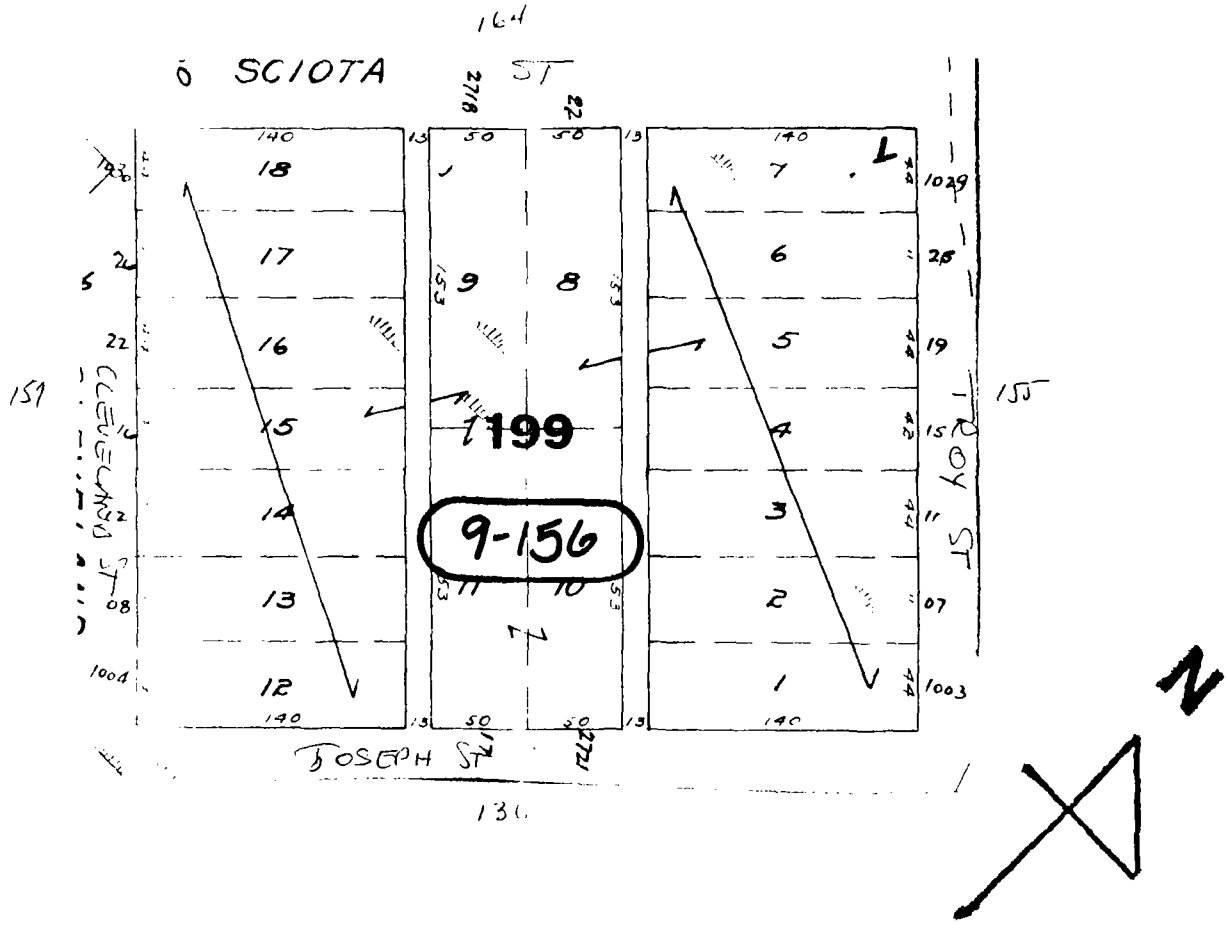

156
JOSEPH ST
2718
2722
930
26
22
42
12
08
904
CLEVELAND ST
135
18
17
16
15
14
13
12
140
13
50
50
13
140
9
8
8
153
153
153
185
9-136
11
10
7
9-910-5
6
5
4
3
2
1
2 STC
53
2
TROY ST
137
EDISON ST
111

N

145


HUNT
TRACT
767.83
226.08
VAC.
ORD.
KALAMAZOO
ALBANY ST.
SCIOTA
TROY ST.
JOSEPH ST
9-155
210
9-155
198
9-90
5.95 AC
5.95 AC
4.2275 AC


KALAMAZOO ST
NORTH
TOLEDO
NUMBERED OR
9-164
211
CLEVELAND ST.
SCIOTA ST
163
156
160


164
SCIOTA ST
JOSEPH ST
ROY ST
CLEVELAND ST
159
155
130
199
9-156
18
17
16
15
14
13
12
9
8
11
10
7
6
5
4
3
2
1
140
50
13
1029
1003
N

DOCUMENT CONTROL NO. OH 0442-4

INDEX FORM FOR FIT FILES

This information does not have to be written out for each item to be filed. Instead, fill in Lines 1-3 and photocopy onto yellow paper to make the form obvious in the file. Then under line 4, check the respective box on the yellow sheets. Place the form directly in front of the material it represents.

1. TECHNICAL DIRECTIVE DOCUMENT (TDD) NUMBER: F05-870 -
2. PROJECT ACCOUNT (PAN) NUMBER: F OH 0442 5F
3. SITE NAME AND LOCATION: Treasure Island Landfill Toledo OH
4. FILE DESCRIPTION (Check ONE Only):

RESERVED

___ TECHNICAL DIRECTIVE DOCUMENT(TDD)
___ ACKNOWLEDGEMENT OF COMPLETION(AOC)
___ PERFORMANCE EVALUATION REPORT
___ SITE SAFETY PLAN AND RELATED DOCUMENTS
___ SITE INSPECTION REPORT (EPA 2070-13)
___ HRS RANKING SYSTEM REPORT (HRS)

REPORTS

___ PRELIMINARY ASSESSMENT (EPA 2070-12)
___ PRELIMINARY ASSESSMENT DOCUMENTATION PACKAGE
___ FIT TECHNICAL MEMORANDA/REPORTS

PROJECT INFORMATION (Collected from non-FIT sources)

___ FEDERAL FILE INFORMATION
___ STATE FILE INFORMATION
___ COUNTY/TOWNSHIP FILE INFORMATION
___ CITY FILE INFORMATION
___ SITE OWNER/OPERATOR FILE INFORMATION
___ GEOLOGICAL INFORMATION (e.g. well logs)
___ MISCELLANEOUS FILE INFORMATION

FIELD WORK (FIT GENERATED WORK)

___ WORK PLAN/SAMPLE PLAN
___ QUALITY ASSURANCE PLAN (QAPP)
X FIELD NOTEBOOKS
___ PHOTOGRAPHS/SLIDES/NEGATIVES
___ SITE SKETCHES/MAPS
___ SAMPLE MANAGEMENT(Chain of Custody, etc.)
___ ANALYTICAL DATA Date _____
___ HYDROGEOLOGIC DATA (i.e., boring logs, pump tests, slug tests, etc.)
___ GEOPHYSICAL DATA
___ AIR MONITORING DATA
___ TELEPHONE CONVERSATION LOGS
___ MEETING NOTES/CONTACT REPORTS
___ CORRESPONDENCE

SUBCONTRACT MANAGEMENT

DRILLING SUBCONTRACTS

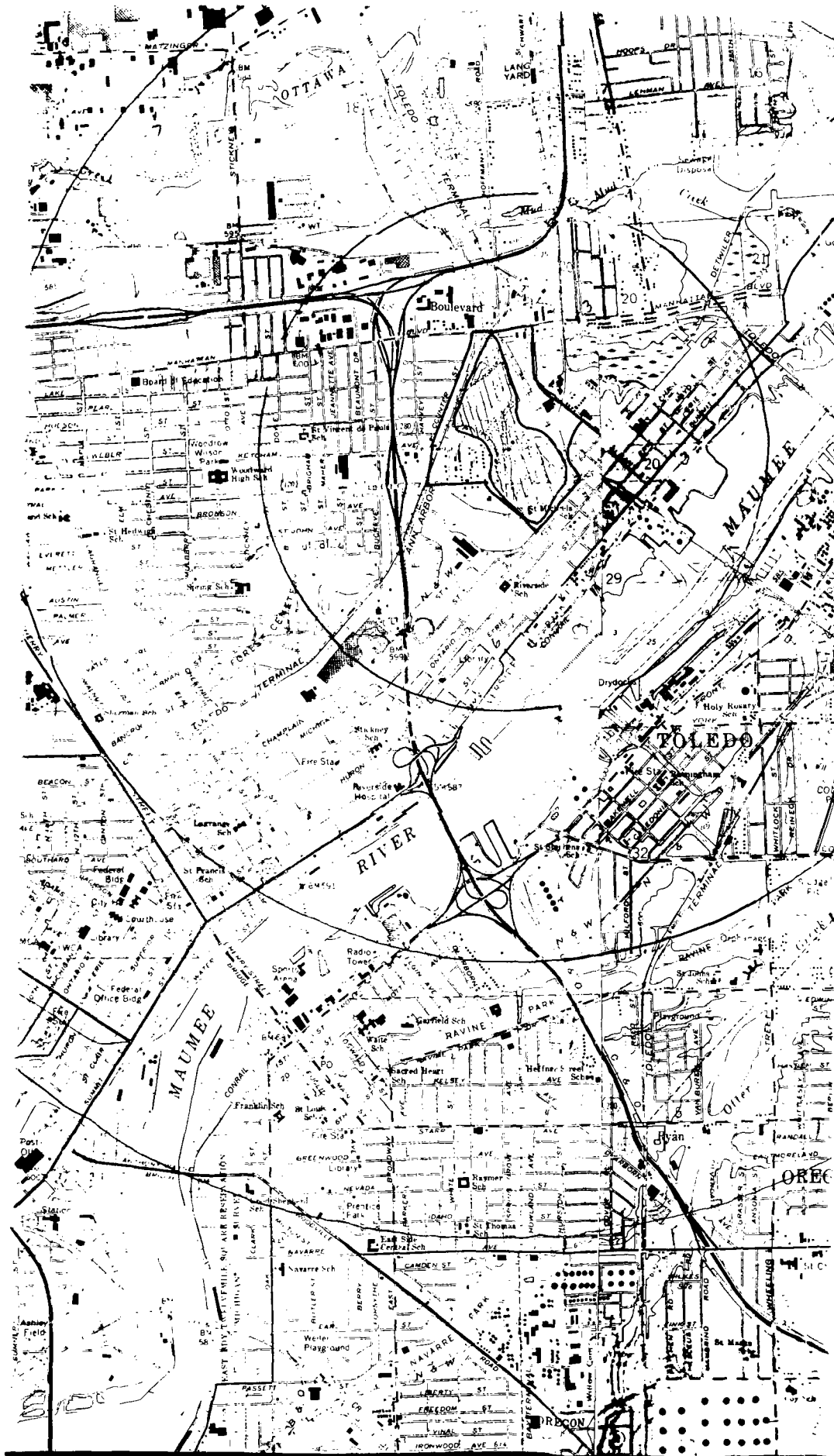
___ BID PACKAGE
___ BID REQUEST LETTERS
___ BIDDER'S SUBMITTALS
___ EVALUATION OF SUBMITTALS/MEMORANDUM OF JUSTIFICATION
___ REQUEST FOR SUBCONTRACT APPROVAL
___ CONTRACT
___ SUBCONTRACTOR'S DELIVERABLES
___ INVOICES/INVOICE VERIFICATION
___ CORRESPONDENCE

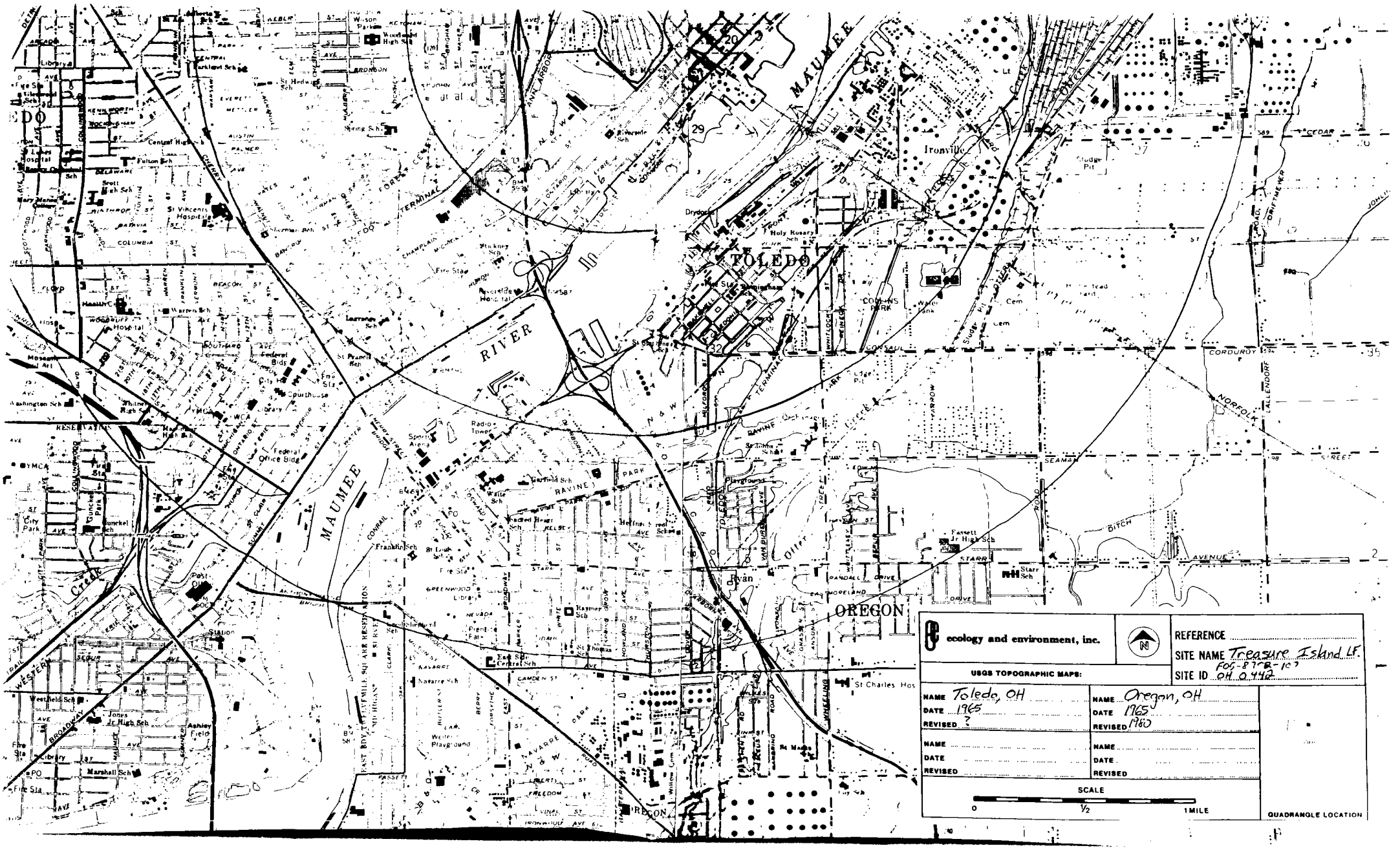
OTHER SUBCONTRACTS ( )

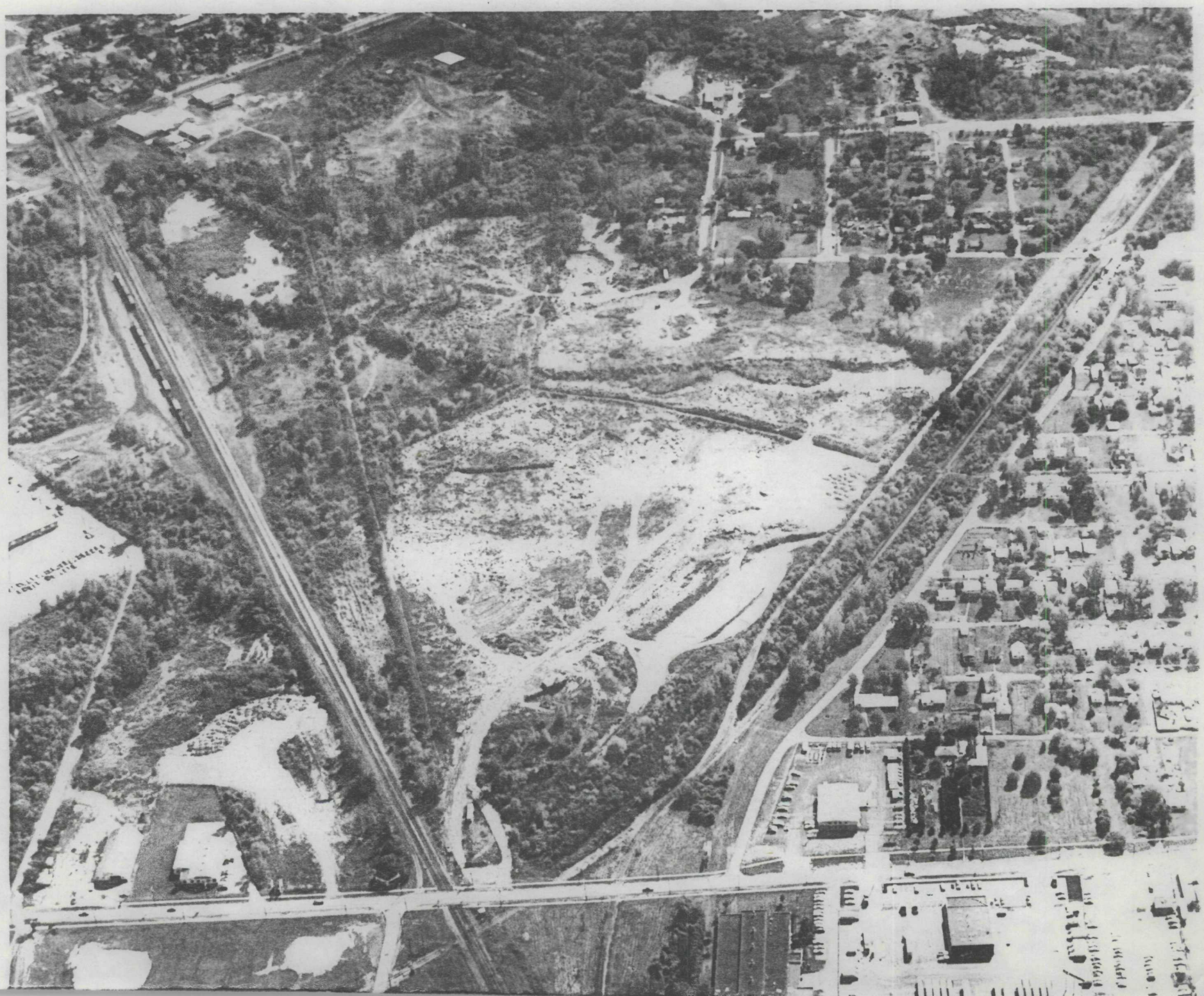
___ BID PACKAGE
___ BID REQUEST LETTERS
___ BIDDER'S SUBMITTALS
___ EVALUATION OF SUBMITTALS/MEMORANDUM OF JUSTIFICATION
___ REQUEST FOR SUBCONTRACT APPROVAL
___ CONTRACT
___ SUBCONTRACTOR'S DELIVERABLES
___ INVOICES/INVOICE VERIFICATION
___ CORREPSONDENCE

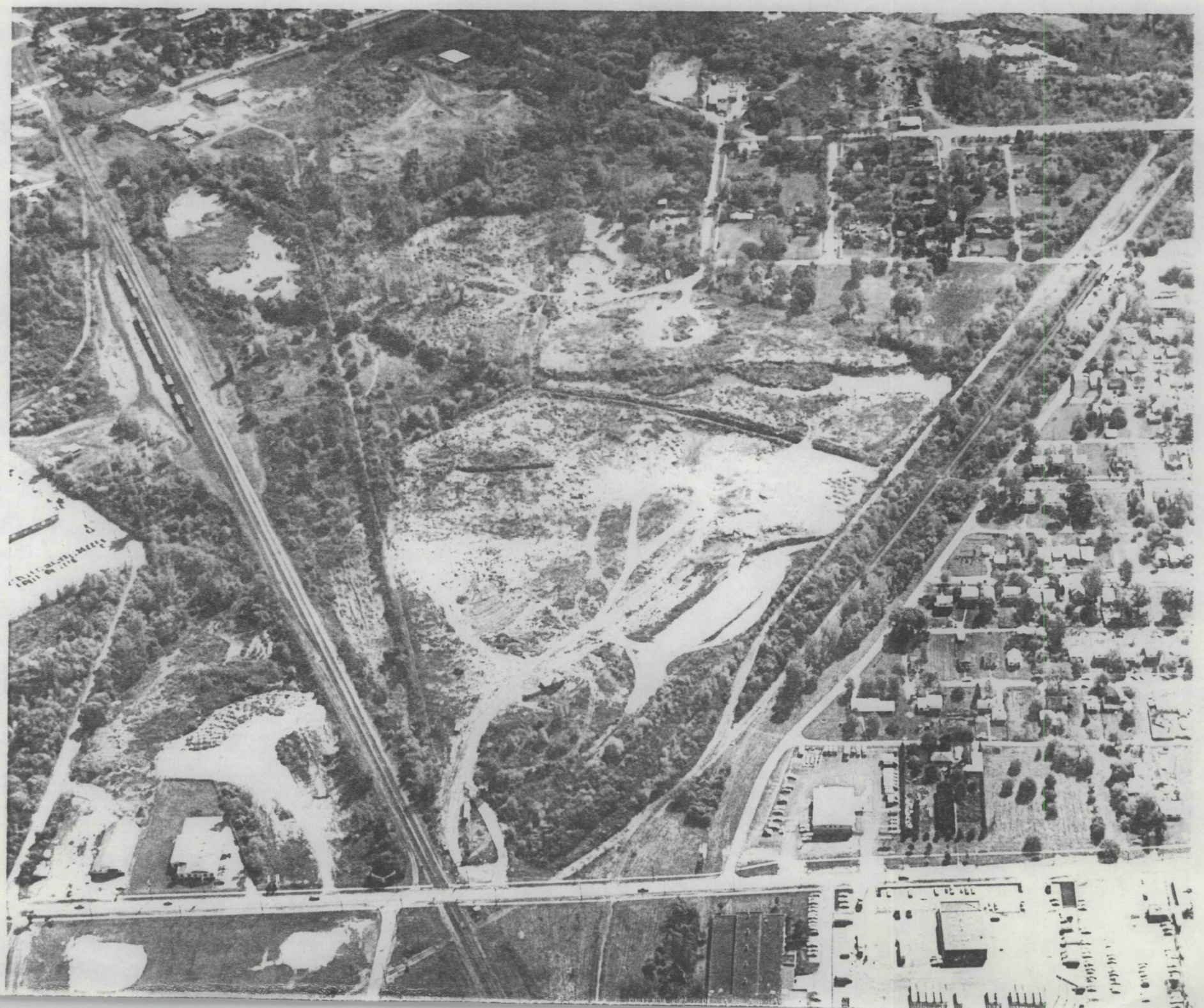
OTHER

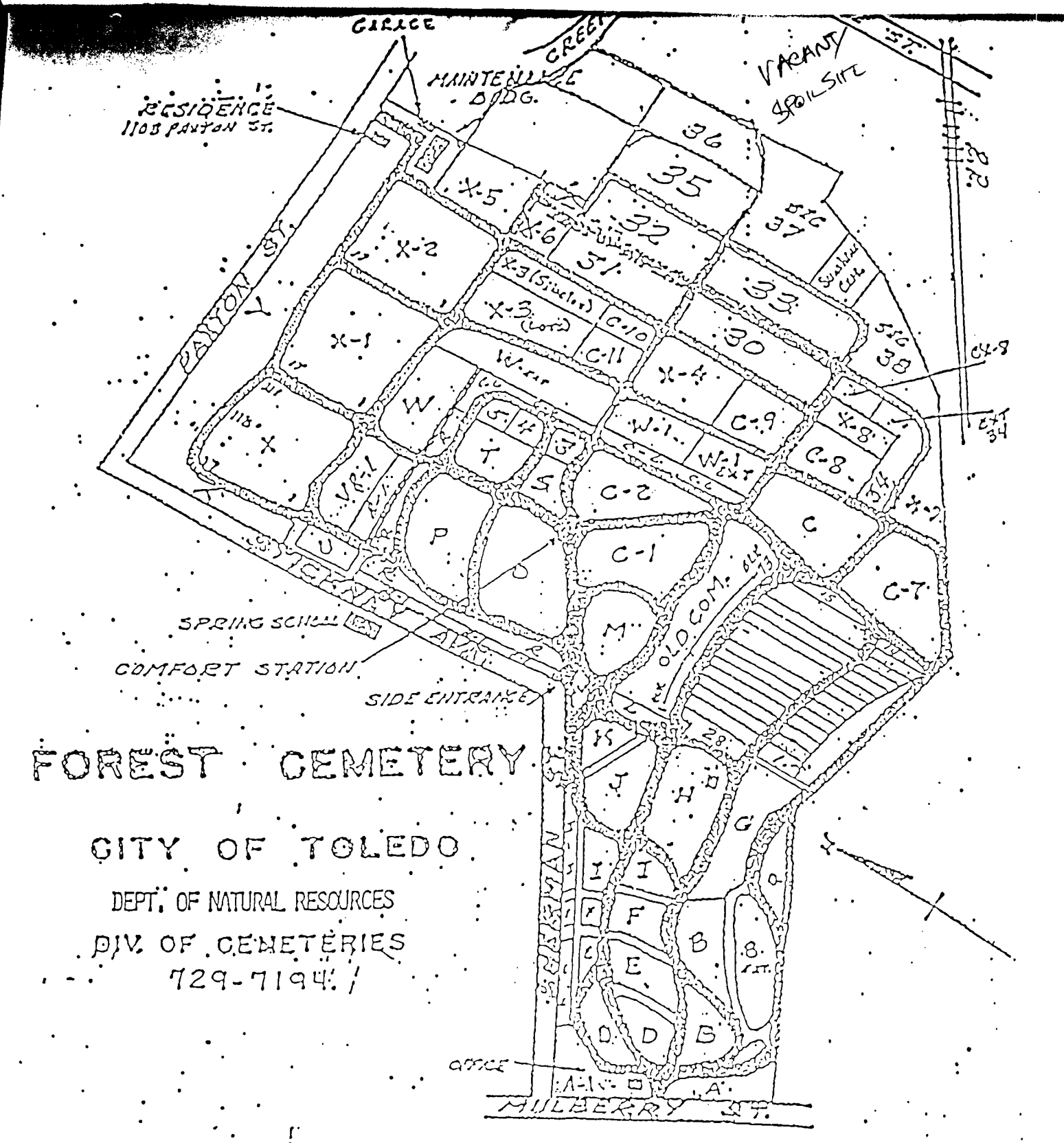
___ _____
___ _____
___ _____
___ _____
___ _____
___ _____
___ _____
___ _____
___ _____
___ _____

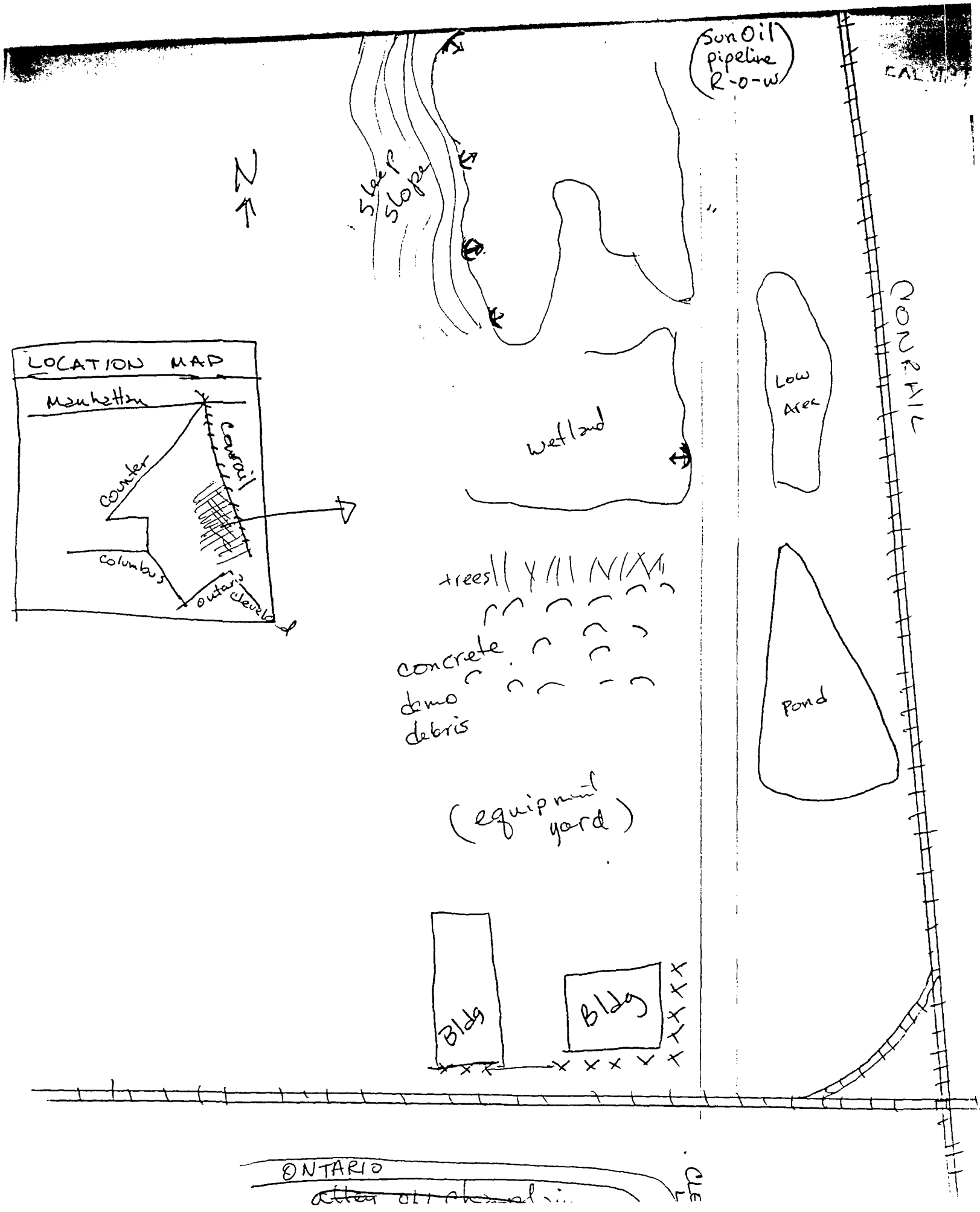

OTTAWA
Boulevard
Board of Education
Woodrow Wilson Park
Woodward High Sch
MAUMEE
RIVER
TOLEDO
Riverside Sch
Riverside Hospital
Drydock
Holy Rosary Sch
Fire Sta
Lagrange Sch
St Francis Sch
Federal Bldg
City Hall
Courthouse
Library
Federal Office Bldg
Post Office
Radio Tower
Sports Arena
Garfield Sch
RAVINE PARK
Sacred Heart Sch
Franklin Sch
St Louis Sch
Fire Sta
GREENWOOD
Library
Raymer Sch
Prentice Park
St Thomas
East Side Central Sch
Navarre Sch
Weller Playground
Ashley Field
Ryan
Playground
OREGON
CONRAIL
TOLEDO TERMINAL
ANN ARBOR
N & W
NAVARRE PARK
CAMDEN ST
IRONWOOD AVE


TOLEDO
OREGON
MAUMEE
RIVER
Ironville
Ivan
ecology and environment, inc.
REFERENCE
SITE NAME Treasure Island LF
SITE ID OH 0442
FOS-8708-107
USGS TOPOGRAPHIC MAPS:
NAME Toledo, OH
DATE 1965
REVISED ?
NAME Oregon, OH
DATE 1965
REVISED 1980
NAME
DATE
REVISED
NAME
DATE
REVISED
SCALE
0
1/2
1 MILE
QUADRANGLE LOCATION






FOREST CEMETERY
CITY OF TOLEDO
DEPT. OF NATURAL RESOURCES
DIV. OF CEMETERIES
729-7194
GARAGE
MAINTENANCE BLDG.
RESIDENCE
1108 PAYTON ST.
VACANT
SPOIL SITE
PAYTON ST.
SPRING SCHOOL
COMFORT STATION
SIDE ENTRANCE
OLD COM.
OFFICE
MULBERRY ST.
SUMMIT ST.


Sun Oil pipeline R-o-w
N
steep slope
wetland
Low Area
CONRAIL
LOCATION MAP
Manhattan
Conrail
counter
columbus
ontario
cleveland
trees
concrete
demo debris
Pond
(equipment yard)
Bldg
Bldg
ONTARIO