

Pactiv Corporation
Technology Center
2651 Brickyard Road
Canandaigua, New York 14424-1026

May 3, 2004

New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7013

Attn: Mr. Edward Hampston, P.E.

**RE: Brownfield Cleanup Program Application
Macedon Films Site
Macedon, New York**

RECEIVED

MAY - 7 2004

BUREAU OF
TECHNICAL SUPPORT

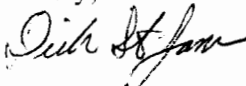
Dear Mr. Hampston:

Enclosed you will find the Brownfield Cleanup Program (BCP) Application for the Macedon Films facility in Macedon, New York. This application, prepared with the assistance of URS Corporation (URS), includes Attachments A through J.

Pactiv and URS understand from your email on April 12, 2004, that once your department determines that the application is complete, the public will be informed and there will be a 30-day public comment period. There will also be a 30-day public review period for the work plan that will be submitted separately. We anticipate that the workplan will be prepared and submitted within the next two to three months.

This letter will also serve to inform you that I will be replacing Jim Wakeman as Pactiv's representative for the Macedon Films site. If you require any additional information, please do not hesitate to contact me at 585-393-5062 or email me at dstjames@pactiv.com.

Sincerely,



Dick St. James

cc: R. Reott, Law Offices of Ray Reott, LLC
D. Porterfield, URS



BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION

ECL ARTICLE 27 / TITLE 14

10/9/03

Applicant Information		
NAME Pactiv Corporation		
ADDRESS 1900 West Field Court		
CITY/TOWN Lake Forest, IL		ZIP CODE 60045
PHONE 888-828-2850	FAX	E-MAIL
NAME OF APPLICANT'S REPRESENTATIVE Dick St. James		
ADDRESS 2651Brickyard Road		
CITY/TOWN Canandaigua, NY		ZIP CODE 14424
PHONE 585-393-5062	FAX 585-394-8980	E-MAIL dstjames@pactiv.com
<p>THE APPLICANT MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL § 27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:</p> <p><input type="checkbox"/> PARTICIPANT An applicant who either 1) was the owner of the site at the time of the disposal of hazardous waste or discharge of petroleum or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.</p> <p><input checked="" type="checkbox"/> VOLUNTEER An applicant other than a participant, including an applicant whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum.</p> <p>NOTE: By checking this box, the applicant certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; and iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste.</p>		
Applicant Relationship to Property (check one): <input checked="" type="checkbox"/> Previous Owner <input type="checkbox"/> Current Owner <input type="checkbox"/> Potential /Future Purchaser <input type="checkbox"/> Other _____		
Current Owner/Operator Information		
OWNER'S NAME (if different from applicant) Tyco Plastics, Inc		
ADDRESS 112 Main Street		
CITY/TOWN Macedon, NY		ZIP CODE 14502
PHONE	FAX	E-MAIL
OPERATOR'S NAME (if different from applicant) Tyco Plastics, Inc		
ADDRESS 112 Main Street		
CITY/TOWN Macedon, NY		ZIP CODE 14502
PHONE 315-986-6306	FAX 315-986-6190	E-MAIL mike.dahnert@tycoplastics.com

Site Information

SITE NAME Macedon Films		
SITE ADDRESS 112 Main Street	CITY/TOWN Macedon, NY	ZIP CODE 14502
COUNTY Wayne	SITE SIZE (ACRES) 6.95	
LATITUDE 43 ° 05'N	LONGITUDE 77° 20'W	

PLEASE ATTACH A COUNTY TAX MAP WITH IDENTIFIER NUMBERS, ALONG WITH ANY FIGURES NEEDED TO SHOW THE LOCATION AND BOUNDARIES OF THE SITE. ALSO INCLUDE A USGS 7.5 MINUTE QUAD MAP IN WHICH THE SITE IS LOCATED.

- DO THE SITE BOUNDARIES CORRESPOND TO TAX MAP METES AND BOUNDS? **SEE ATTACHMENT A** YES NO
IF NO, PLEASE ATTACH A METES AND BOUNDS DESCRIPTION OF THE SITE.
- IS THE SITE PART OF A DESIGNATED BROWNFIELD OPPORTUNITY AREA PURSUANT TO GML970-R? IF YES, IDENTIFY AREA (NAME) _____ YES NO
- IS THE SITE PART OF A DESIGNATED EN-Zone PURSUANT TO TL § 21(b)(6). IF YES, IDENTIFY AREA (NAME) _____ YES NO

Applicant Eligibility Information (Please refer to ECL § 27-1407)

- ARE ANY ENFORCEMENT ACTIONS PENDING AGAINST THE APPLICANT REGARDING THIS SITE? YES NO
- IS THE APPLICANT SUBJECT TO AN OUTSTANDING CLAIM BY THE SPILL FUND FOR THIS SITE? YES NO
- HAS THE APPLICANT VIOLATED ANY PROVISION OF ECL ARTICLE 27? YES NO
- HAS THE APPLICANT BEEN PREVIOUSLY DENIED ENTRY TO THE BCP? YES NO
- HAS THE APPLICANT COMMITTED A NEGLIGENT OR INTENTIONALLY TORTIOUS ACT REGARDING HAZARDOUS WASTE OR PETROLEUM? YES NO
- HAS THE APPLICANT BEEN CONVICTED OF A CRIMINAL OFFENSE THAT INVOLVES A VIOLENT FELONY, FRAUD, BRIBERY, PERJURY, THEFT, OR OFFENSE AGAINST PUBLIC ADMINISTRATION? YES NO
- HAS THE APPLICANT KNOWINGLY FALSIFIED STATEMENTS OR CONCEALED MATERIAL FACTS IN A MATTER RELATED TO THE DEPARTMENT? YES NO
- HAS THE APPLICANT, BASED ON THE PROVISIONS OF ECL ARTICLE 27-1407 (OR A SIMILAR PROVISION OF FEDERAL OR STATE LAW), COMMITTED AN ACT OR FAILED TO ACT, AND SUCH ACT OR FAILURE TO ACT COULD BE THE BASIS FOR DENIAL OF A BCP APPLICATION? YES NO

Site Eligibility Information (Please refer to ECL § 27-1405)

- DOES THE SITE MEET THE DEFINITION OF A BROWNFIELD SITE (REAL PROPERTY, THE REDEVELOPMENT OR REUSE OF WHICH MAY BE COMPLICATED BY THE PRESENCE OR POTENTIAL PRESENCE OF A HAZARDOUS WASTE, PETROLEUM, POLLUTANT, OR CONTAMINANT)? YES NO
- IS THE SITE LISTED ON THE NATIONAL PRIORITIES LIST? YES NO
- IS THE SITE LISTED ON THE NYS REGISTRY OF INACTIVE HAZARDOUS WASTE DISPOSAL SITES? IF YES, PLEASE PROVIDE: SITE # _____ CLASS # _____ YES NO
- IS THE SITE SUBJECT TO A PERMIT UNDER ECL ARTICLE 27, TITLE 9, OTHER THAN AN INTERIM STATUS FACILITY? YES NO
- IS THE SITE SUBJECT TO A CLEANUP ORDER UNDER NAVIGATION LAW ARTICLE 12 OR ECL ARTICLE 17 TITLE 10? YES NO
- IS THE SITE SUBJECT TO A STATE OR FEDERAL ENFORCEMENT ACTION RELATED TO HAZARDOUS WASTE OR PETROLEUM? YES NO

Project Description

PLEASE ATTACH A DESCRIPTION OF THE PROJECT WHICH INCLUDES THE FOLLOWING COMPONENTS:

- PURPOSE AND SCOPE OF THE PROJECT
- ESTIMATED PROJECT SCHEDULE

SEE ATTACHMENT A

Site's Environmental History

TO THE EXTENT THAT EXISTING INFORMATION/STUDIES/REPORTS ARE AVAILABLE TO THE APPLICANT, PLEASE ATTACH THE FOLLOWING:

1. ENVIRONMENTAL DATA SEE ATTACHMENTS B AND C

A PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT PREPARED IN ACCORDANCE WITH ASTM E 1527 (American Society for Testing and Materials: Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process), AND ALL ENVIRONMENTAL REPORTS RELATED TO CONTAMINANTS ON OR EMANATING FROM THE SITE.

IF A FINAL INVESTIGATION REPORT IS INCLUDED, INDICATE WHETHER IT MEETS THE REQUIREMENTS OF ECL ARTICLE 27-1415(2):

YES NO

2. OWNERS SEE ATTACHMENT D

A LIST OF PREVIOUS OWNERS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBERS (DESCRIBE APPLICANT'S RELATIONSHIP, IF ANY, TO EACH PREVIOUS OWNER LISTED. IF NO RELATIONSHIP, PUT "NONE").

3. OPERATORS SEE ATTACHMENT D

A LIST OF PREVIOUS OPERATORS WITH NAMES, LAST KNOWN ADDRESSES AND TELEPHONE NUMBER (DESCRIBE APPLICANT'S RELATIONSHIP, IF ANY, TO EACH PREVIOUS OPERATOR LISTED. IF NO RELATIONSHIP, PUT "NONE").

Contact List Information

PLEASE ATTACH, AT A MINIMUM, THE NAMES AND ADDRESSES OF THE FOLLOWING:

1. THE CHIEF EXECUTIVE OFFICER AND ZONING BOARD CHAIRPERSON OF EACH COUNTY, CITY, TOWN AND VILLAGE IN WHICH THE SITE IS LOCATED.
2. RESIDENTS, OWNERS, AND OCCUPANTS OF THE SITE AND PROPERTIES ADJACENT TO THE SITE.
3. LOCAL NEWS MEDIA FROM WHICH THE COMMUNITY TYPICALLY OBTAINS INFORMATION.
4. THE PUBLIC WATER SUPPLIER WHICH SERVICES THE AREA IN WHICH THE SITE IS LOCATED. **SEE ATTACHMENT E**
5. ANY PERSON WHO HAS REQUESTED TO BE PLACED ON THE SITE CONTACT LIST.
6. THE ADMINISTRATOR OF ANY SCHOOL OR DAY CARE FACILITY LOCATED ON OR NEAR THE SITE.
7. THE LOCATION OF A DOCUMENT REPOSITORY FOR THE PROJECT (E.G., LOCAL LIBRARY)

Contaminant Information

INDICATE KNOWN OR SUSPECTED CONTAMINANTS AND THE MEDIA WHICH ARE KNOWN OR SUSPECTED TO HAVE BEEN AFFECTED:

Contaminant Category	Soil	Groundwater	Surface Water	Sediment	Soil Gas
Petroleum	X	X			
Chlorinated Solvents	X				
Other VOCs	X	X			
SVOCs	X	X			
Metals					
Pesticides					
PCBs					
Other*					

*Please describe: _____

Land Use Factors (Please refer to ECL § 27-1415(3))

Current Use: Residential Commercial Industrial Other _____

Future Use: Residential Commercial Industrial Other _____

Please check the appropriate boxes and provide an explanation as an attachment if appropriate.

Yes No Unknown

1. Do current historical and/or recent development patterns support the proposed use?

2. Is the proposed use consistent with applicable zoning laws/maps?

3. Is the proposed use consistent with applicable brownfield opportunity area designations? (See GML 970-r)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Is the proposed use consistent with applicable comprehensive community master plans, local waterfront revitalization plans, other adopted land use plans?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5. Are there any Environmental Justice Concerns? (See §27-1415(3)(p)).	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Are there any federal or State land use designations relating to this site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Do the population growth patterns and projections support the proposed use?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8. Is the site accessible to existing infrastructure?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Are there important cultural resources, including federal or state historic or heritage sites or Native American religious sites proximate to the site? SEE ATTACHMENT F	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. Are there important federal, state or local natural resources, including waterways, wildlife refuges, wetlands, or critical habitats of endangered or threatened species proximate to the site? SEE ATTACHMENT F	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Are there floodplains proximate to the site? SEE ATTACHMENT G	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Are there any institutional controls currently applicable to the site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
13. Describe on attachment the proximity to real property currently used for residential use, and to urban, commercial, industrial, agricultural, and recreational areas. SEE ATTACHMENT H			
14. Describe on attachment the potential vulnerability of groundwater to contamination that might migrate from the site, including proximity to wellhead protection and groundwater recharge areas. SEE ATTACHMENT I			
15. Describe on attachment the geography and geology of the site. SEE ATTACHMENT J			
(Note: the 16 th criteria relates to comments from the public, which would not be received at the time of application)			

Statement of Certification

(By applicant who is an individual)

I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

Date: _____ Signature: _____ Print Name: _____

(By an applicant other than an individual)

I certify that I am ENV. MGR. (title) of PACTIV CORP. (entity); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date: 5/3/04 Signature: *Dick St. James* Print Name: DICK ST. JAMES

SUBMITTAL INFORMATION:

Four (4) complete copies, one with original signatures, are required.

- Three (3) of the copies, one with original signatures, must be sent to:

Chief, Site Control Section
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7020

- One (1) copy must be sent to the DEC regional contact in the regional office covering the county in which the site is located. Please check our website for the address of our regional offices: <http://www.dec.state.ny.us/website/der/index.html>

FOR DEPARTMENT USE ONLY

BCP SITE NO: _____ BCP SITE T&A CODE: _____ PROJECT MANAGER: _____

ATTACHMENT A PROJECT DESCRIPTION

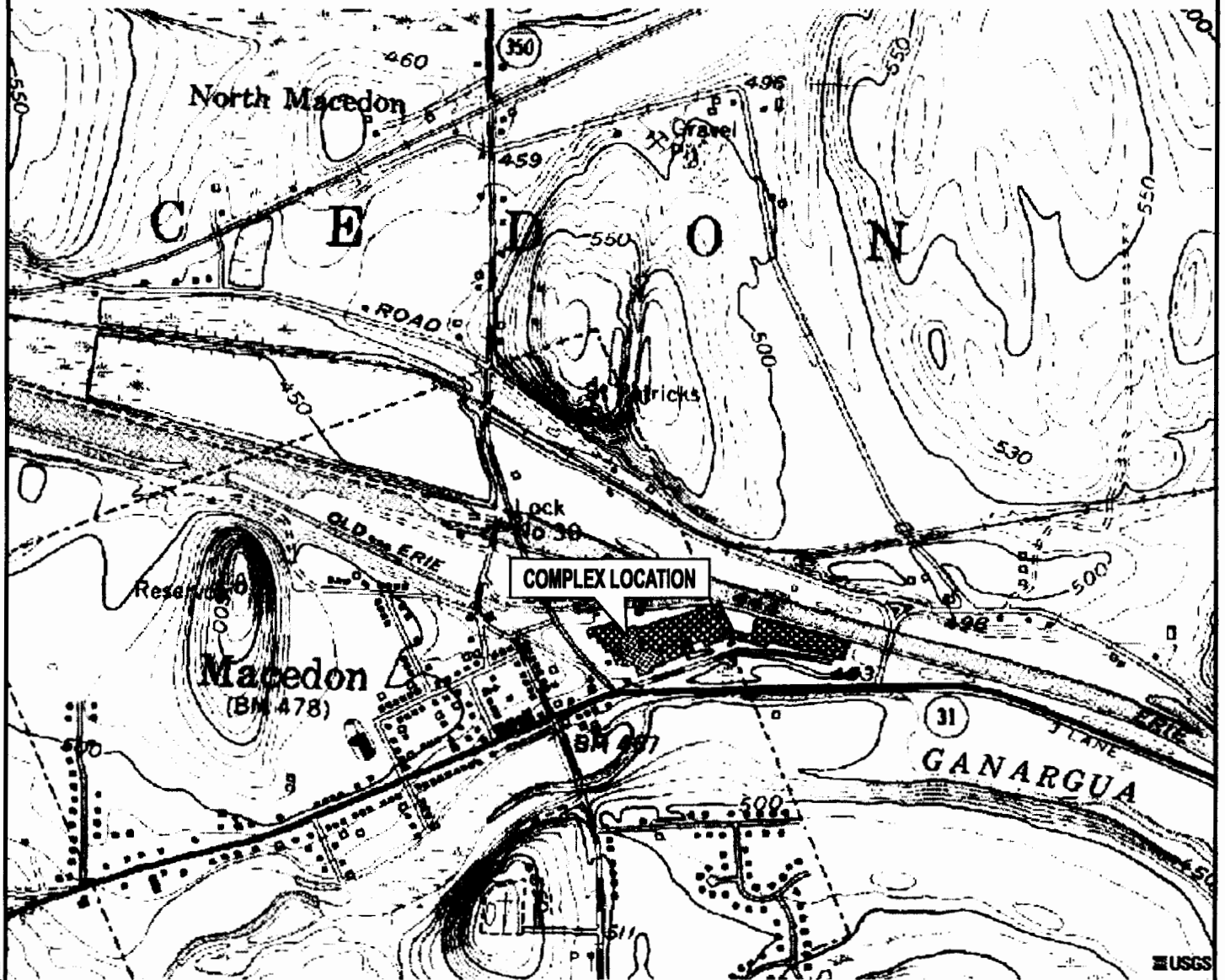
Pactiv's former Macedon facility is on Main Street in the Village of Macedon, Wayne County, New York. Pactiv's former Macedon facility (Macedon Films) was the westernmost part of a 23.6-acre complex consisting of approximately 92,000 square feet of building space that included manufacturing facilities for Mobil's Commercial Films Division (Exxon-Mobil) and Huntsman Design Products (Pliant Corporation). The location of the entire 23.6-acre complex is provided on Figure A-1. The Macedon Films site boundaries and layout are shown on Figure A-2. The Macedon Films site is 6.95 acres and is identified by tax identification number 62111-08-948968. A copy of the tax map is attached as Figure A-3.

The New York State Barge Canal and a Pennsylvania Central railroad spur are north of the site, New York State Route 31 is south of the site, Quaker Road and a truck trailer parking area are east of the site, and New York State Route 350 is west of the site.

The purpose and scope of the Macedon Films project is to undertake and complete remedial activities at the site that allows the property to be used for its intended and continued use as an industrial site. The goal of the project is to obtain a Certificate of Completion from the NYSDEC. The proposed scope of the project will include some additional field investigation tasks prior to developing a Remedial Action Plan. Currently, the planned field investigation tasks will address the nature and extent of the site contamination in the groundwater and soil in the area of the PCE detection in soil, installation of one additional monitoring well, monitoring well and canal level gauging events, and collection of groundwater samples from the existing five monitoring wells and proposed new monitoring well.

The proposed project schedule is

- Conduct Field Investigation in August 2004.
- Submit Remedial Action Plan in December 2004.
- Implement Remedial Action Plan in 2005.



P:\Client Documents\Pactiv\38393677\BCP_Application\Figures\Site_Location_map.ai

Title:	COMPLEX LOCATION MAP
Location:	MACEDON, NEW YORK
Client:	 PACTIV Advanced Packaging Solutions

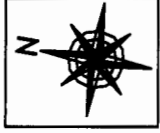
SOURCE:
 USGS 7 1/2 Minute Series Topographic Map
 Macedon, New York 1984



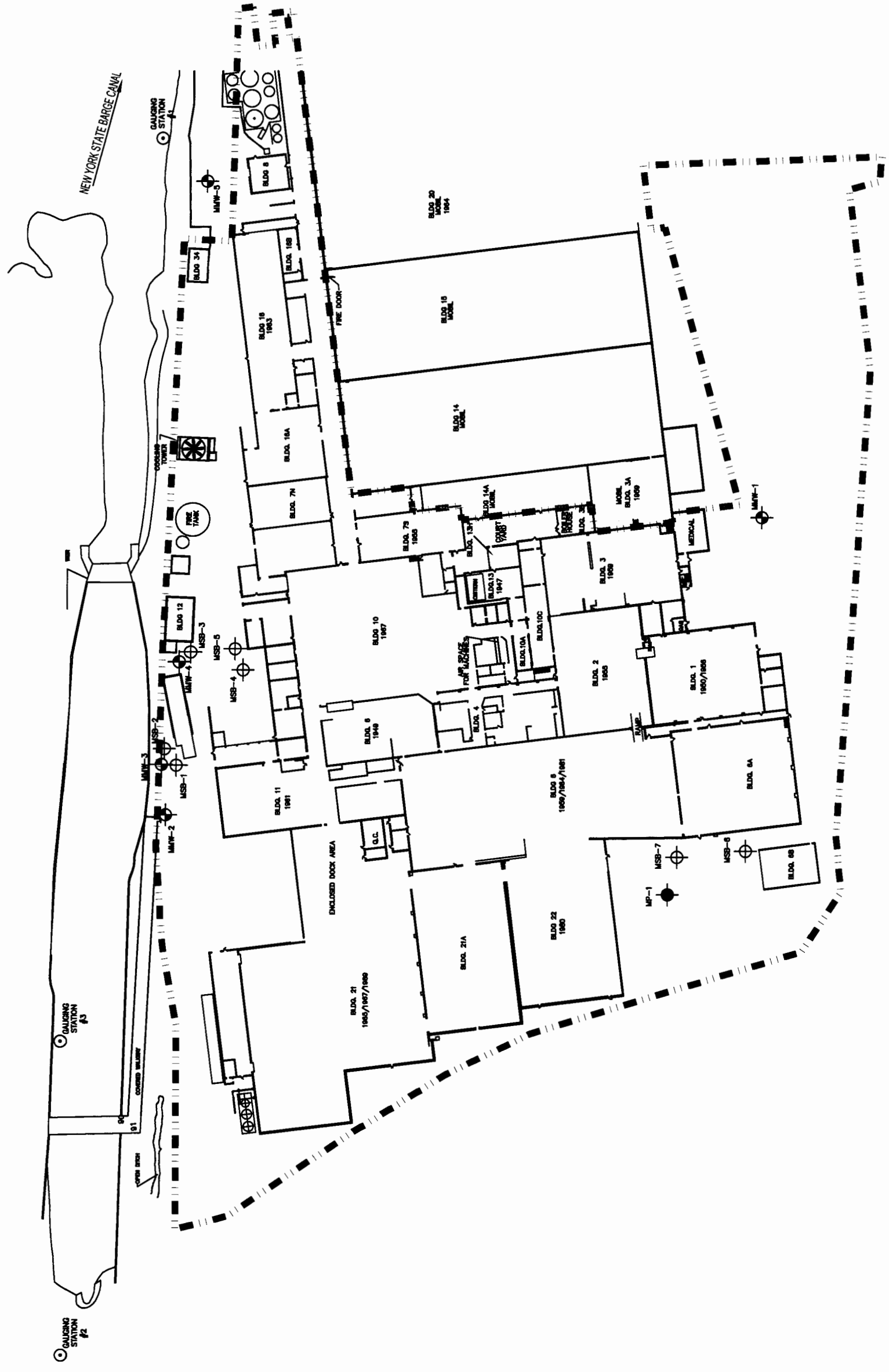
URS
 URS Corporation
 28 Corporate Drive, Suite 200
 Clifton Park, New York 12065

Drafter: DAD	Date: March 12, 2004
Drg. Size: 8.5 x 11	Job No.: 38393677.00000

FIGURE A-1



True North Per Barge
Canal Mapping Prepared
By State of New York

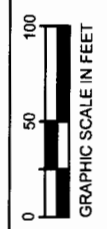


LEGEND

- Gauging Station
- Monitoring Well
- Soil Boring
- Piezometer
- Site Boundary
- BLDG. 75
1965

NOTES:
All locations are approximate.

DRAWING SOURCE:
Mobil Chemical Drawing DX1631 (SPCC Drawing) 3/94



Title: MACEDON FILMS SITE BOUNDARY
 Location: MACEDON, NEW YORK
 Client: **PACTIV** Advanced Packaging Solutions

Drafter: DAD	Date: February 16, 2004
Dwg. Size: 11 x 17	Job No.: 36393677.00000

URS Corporation
 28 Corporate Plaza, Suite 200
 Clifton Park, New York 12065

FIGURE A-2

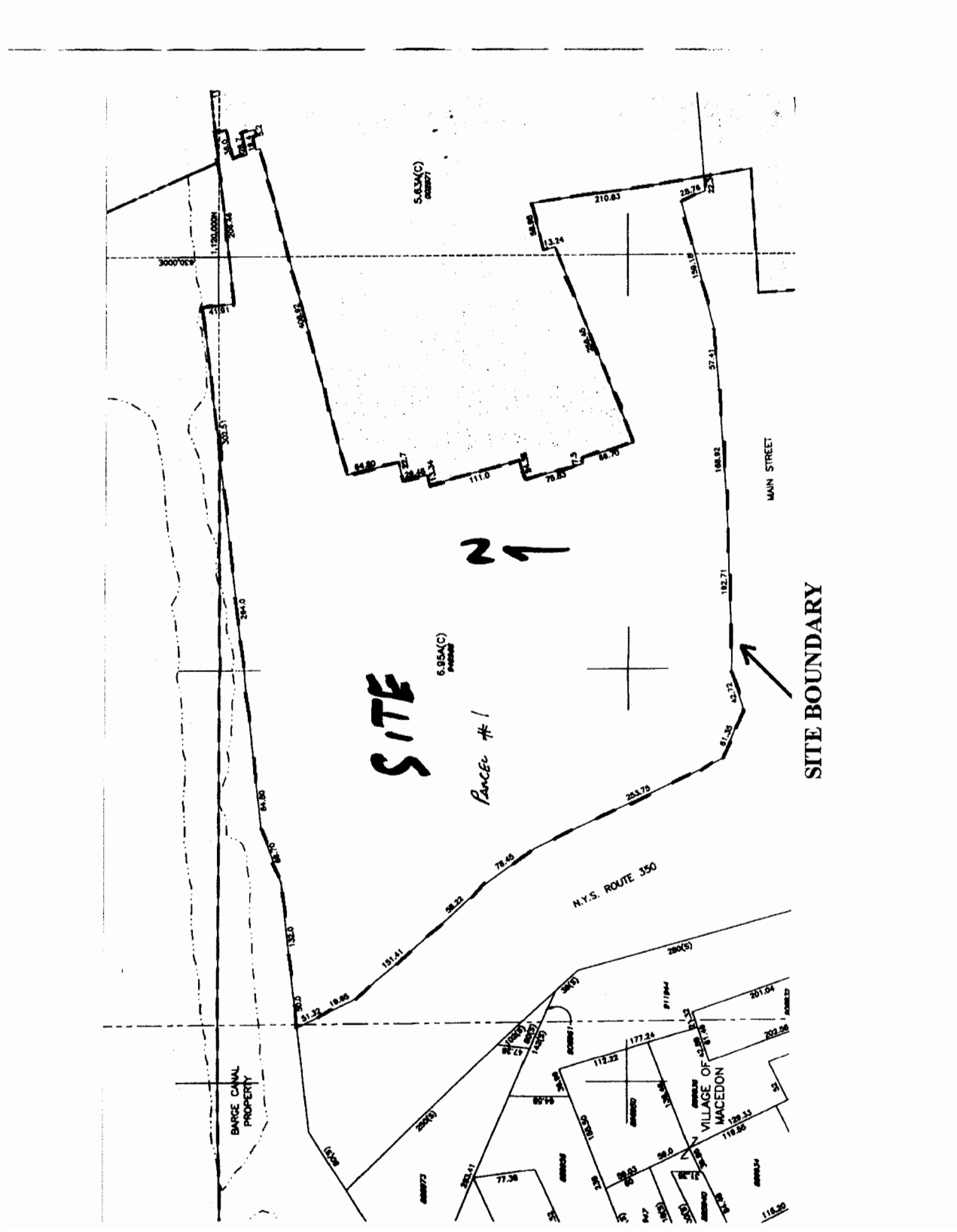


Figure A-3
Tax Map 62111-08-948968

ATTACHMENT B
SITE'S ENVIRONMENTAL HISTORY

The following documents are attached.

- *Soil-Gas Survey Building 10 Courtyard Storm Drain No. 93 Area, Mobil Chemical Company, Macedon, New York, H&A of New York, January 1995.*
- *Environmental Audit Tenneco Packaging Specialty Products, Macedon, New York, CH2M Hill, April 19, 1997.*
- *Site Assessment and Closure of Two Chemical Bulk Storage Tanks, CBS Registration No. 8-000025, Tenneco Packaging Macedon Facility, International Technology Corporation, January 1999.*
- *SPDES Investigation Report, URS Corporation, August 31, 1999.*
- *Soil and Groundwater Investigation for Pactiv Macedon, New York, URS Corporation, August 21, 2000.*
- *Revised Water Table Maps Soil Gas Survey Former Pactiv Facility Macedon, New York, URS Corporation, September 11, 2002.*
- *SWMU Questionnaire for Macedon, NY, URS Corporation, October 17, 2002.*

ATTACHMENT C SANBORN MAP AND AERIAL PHOTOGRAPH REVIEW

Sanborn Maps dated 1906, 1912, 1931 and 1953 as well as aerial photographs dated 1938, 1963, 1974, 1990, 1994 and 2002, were reviewed for the subject site and vicinity.

The 1906 Sanborn map only shows a portion of the eastern portion of the site adjacent to the Erie Canal with historical roads and some small structures. The eastern portion of the site is depicted on an inset in the lower right corner of the 1906 Sanborn map. The western portion of the site is not shown. The site is bordered by Main Street to the south, the Erie Canal to the north and vacant land to the east. Tripp Street, which runs north/south, appears to be at or near the eastern boundary of the site. Two businesses *Bickford & Huffman CO. Lumber Yard* and *Macedon Creamery* are shown east of Tripp Street. Erie Road is west of the site and appears to be developed with residences.

The eastern portion of the site is depicted on an inset in the lower right corner of the 1912 Sanborn map. The 1912 Sanborn map shows the roads to be the same as the 1906 map. More of the eastern portion of the site is shown and there are some changes in the structures east of Tripp Street. The Macedon Creamery is also labeled as "F. Walker Property." The lumberyard is labeled "N.H. Blazey, Sawing, Planing Mill and Lumber Yard."

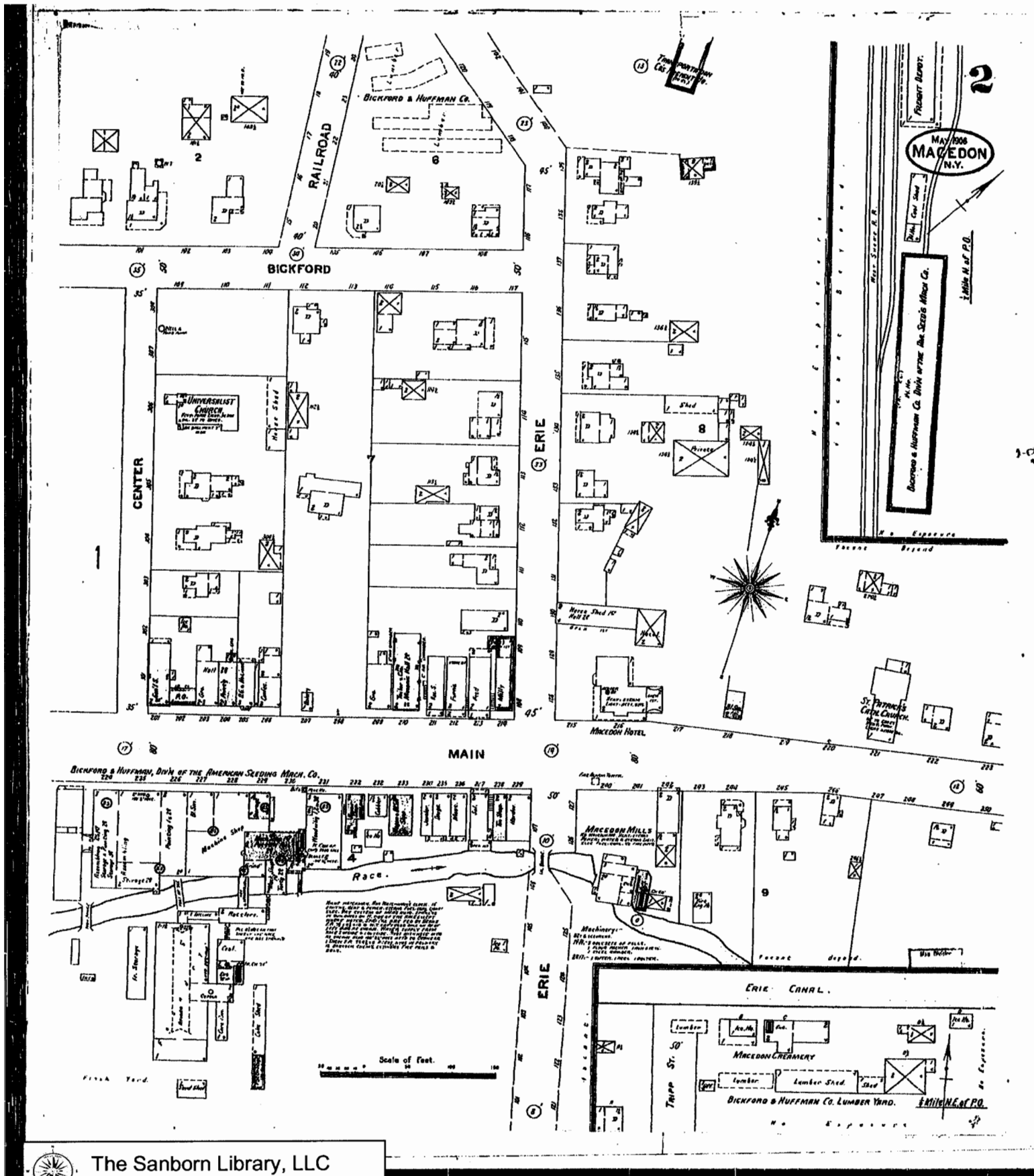
The 1931 Sanborn map shows the roads to be the same as the 1906 map. The canal is labeled "Old Erie Canal" and "N.Y. State Barge Canal." Although the western portion of the site is not shown in detail there are a few structures shown west of Tripp Street that appear to be residences. The eastern portion of the site (east of Tripp Street) is shown in detail. The former Macedon Creamery buildings are shown but labeled 'vacant'. The lumberyard is labeled "N.H. Blazey, Farm Implements, Lumber, Cement, Etc." There is also a large building south of the lumberyard that is labeled "Formerly Macedon Creamery, Vacant."

The 1938 aerial photograph shows the site to be similar to the 1931 Sanborn Map. The roads through the site and buildings are not easily distinguishable because of the low resolution of the photograph. Route 31 and Route 350/31F do not exist.

The 1953 Sanborn Map shows the eastern portion of the site (east of Tripp Street) in detail, but does not show the western portion of the property in detail except for the structures that are probably residences along the west side of Tripp Street. The eastern portion of the property is developed by "Kordite Corp, Division of U.S. Equipment." There are a number of factory buildings shown. State Route 31 is shown intersecting Main Street east of Tripp Street. Route 350/31F does not exist south of the Canal. However, north of the Canal, Railroad Avenue is also labeled "350" and "31F." The former Lumberyard and Creamery buildings have been removed.

The 1963 Aerial photograph shows the western portion of the site to be undeveloped and wooded. The central to eastern portion of the site has two large buildings and a few smaller buildings. Tripp Street is not visible. The far east of the site is cleared with no visible structures.

The 1974, 1990, 1994 and 2002 aerial photographs show the entire site developed as it is today. The buildings east of the site that are owned by Mobil Oil Corporation (Exxon-Mobil) and Huntsman Design Product Corporation (Pliant Corporation) are shown on the 1974, 1990, 1994, and 2002 aerial photographs. Route 305/31F is complete and crosses the Canal at Lock 30. The site is bordered to the west by Route 350/31F. Quaker Road/O'Neil is shown east of Huntsman Design Product Corporation (Pliant Corporation).



MAY 1906
MACEDON
N.Y.

2



The Sanborn Library, LLC

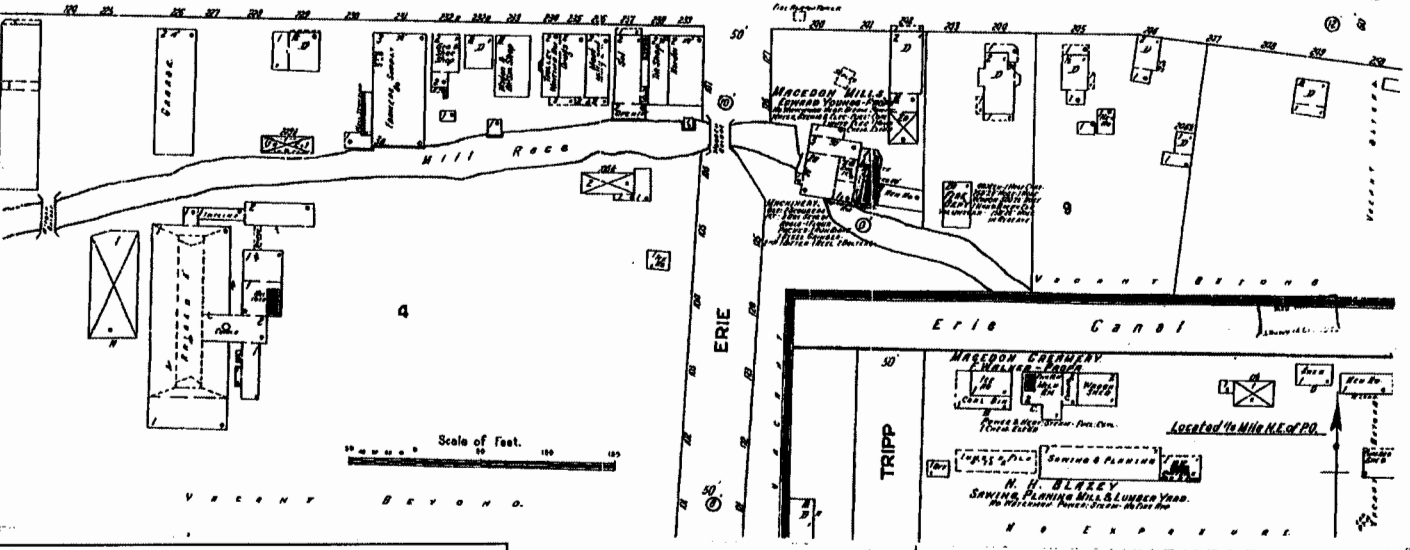
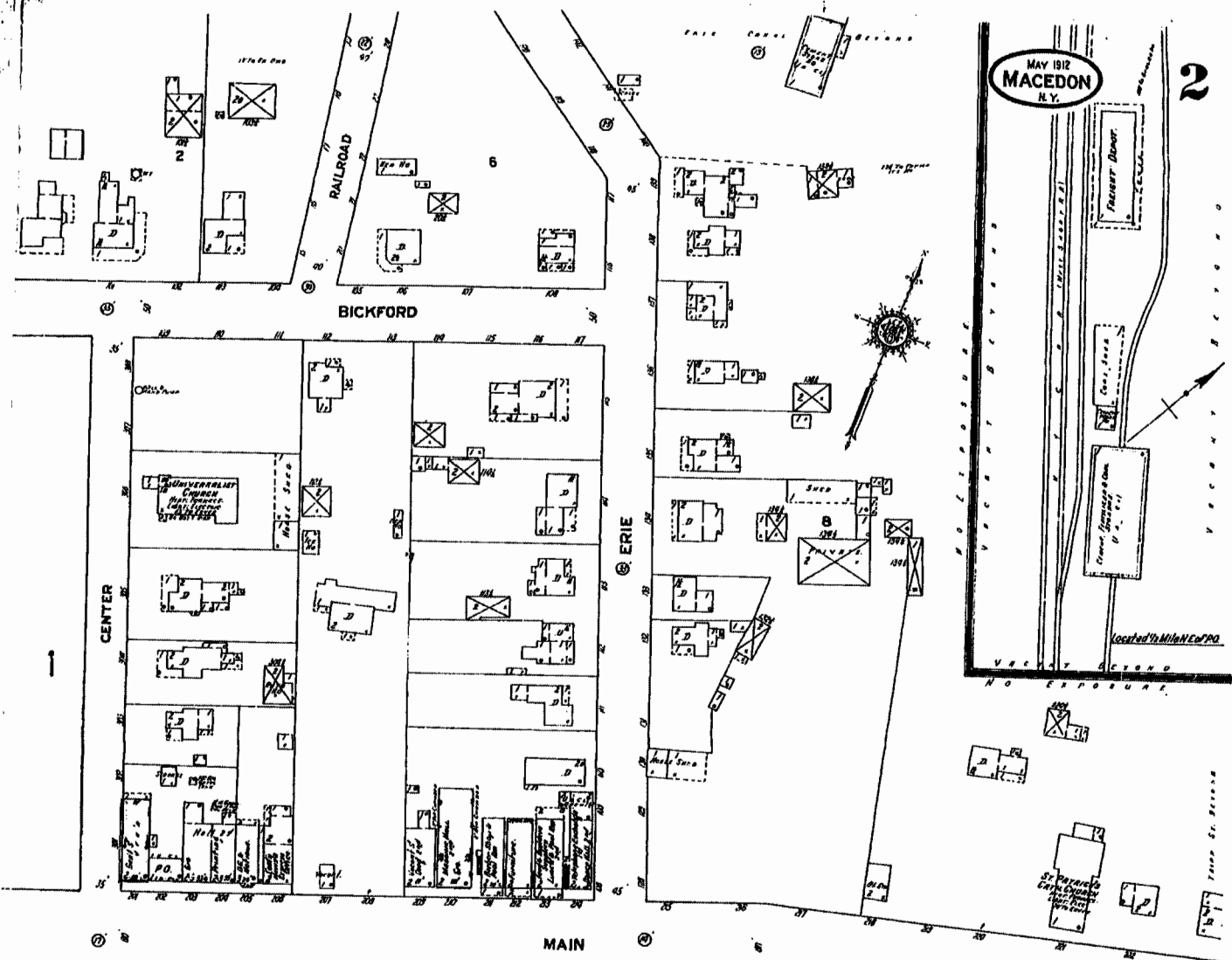
Copyright © 1906 The Sanborn Library, LLC
Year: 1906
HNS
FOR Research Associate

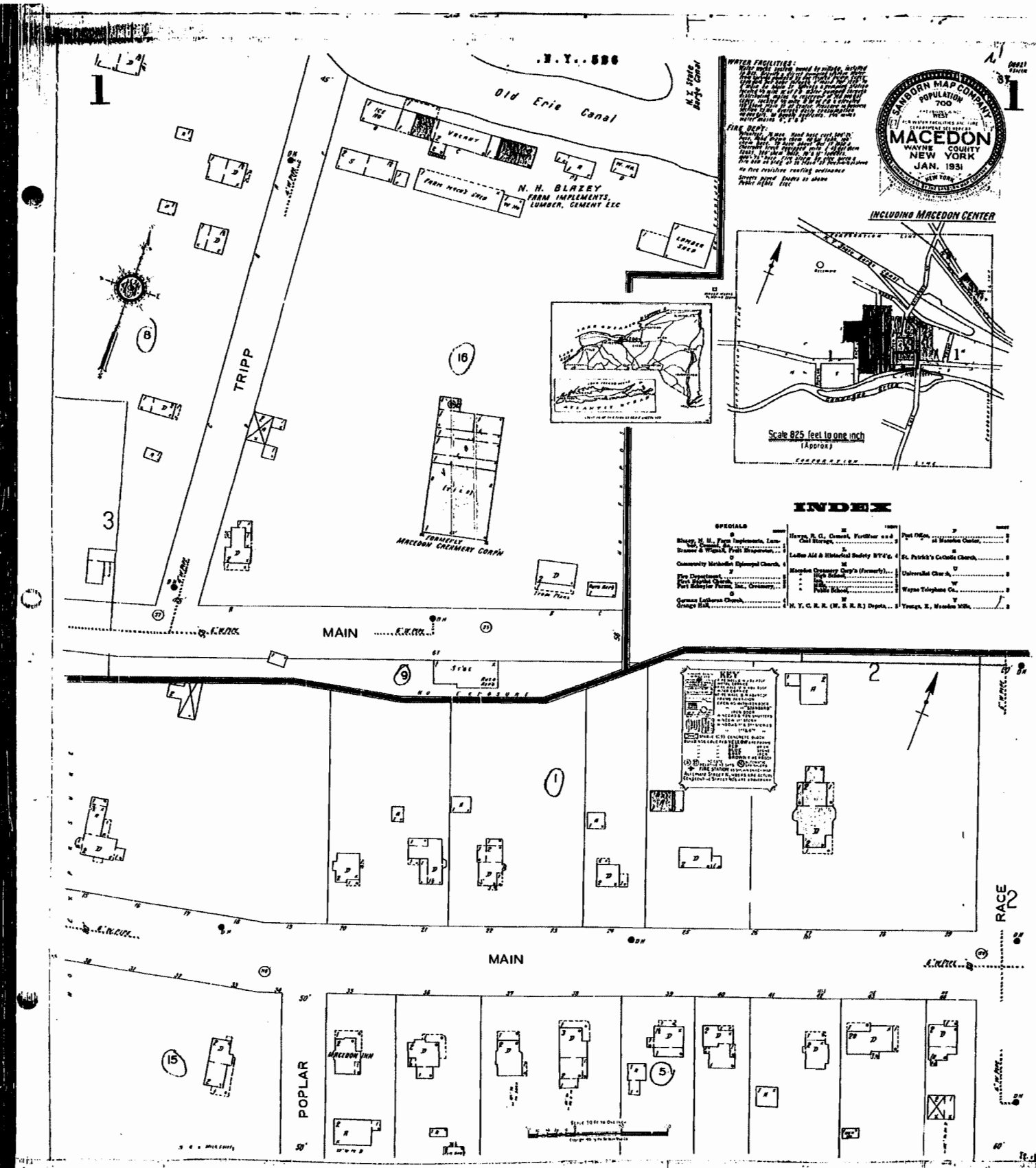
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

Attachment C-1
1906 Sanborn

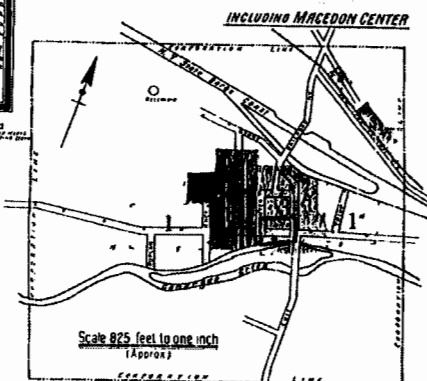
MAY 1912
MACEDON
N.Y.

2





WATER FACILITIES:
 Water mains shown by solid line, except
 for fire hydrants shown by circles. Fire
 hydrants are shown by circles with the
 letter H inside. Fire hydrants are shown
 by circles with the letter H inside. Fire
 hydrants are shown by circles with the
 letter H inside. Fire hydrants are shown
 by circles with the letter H inside.

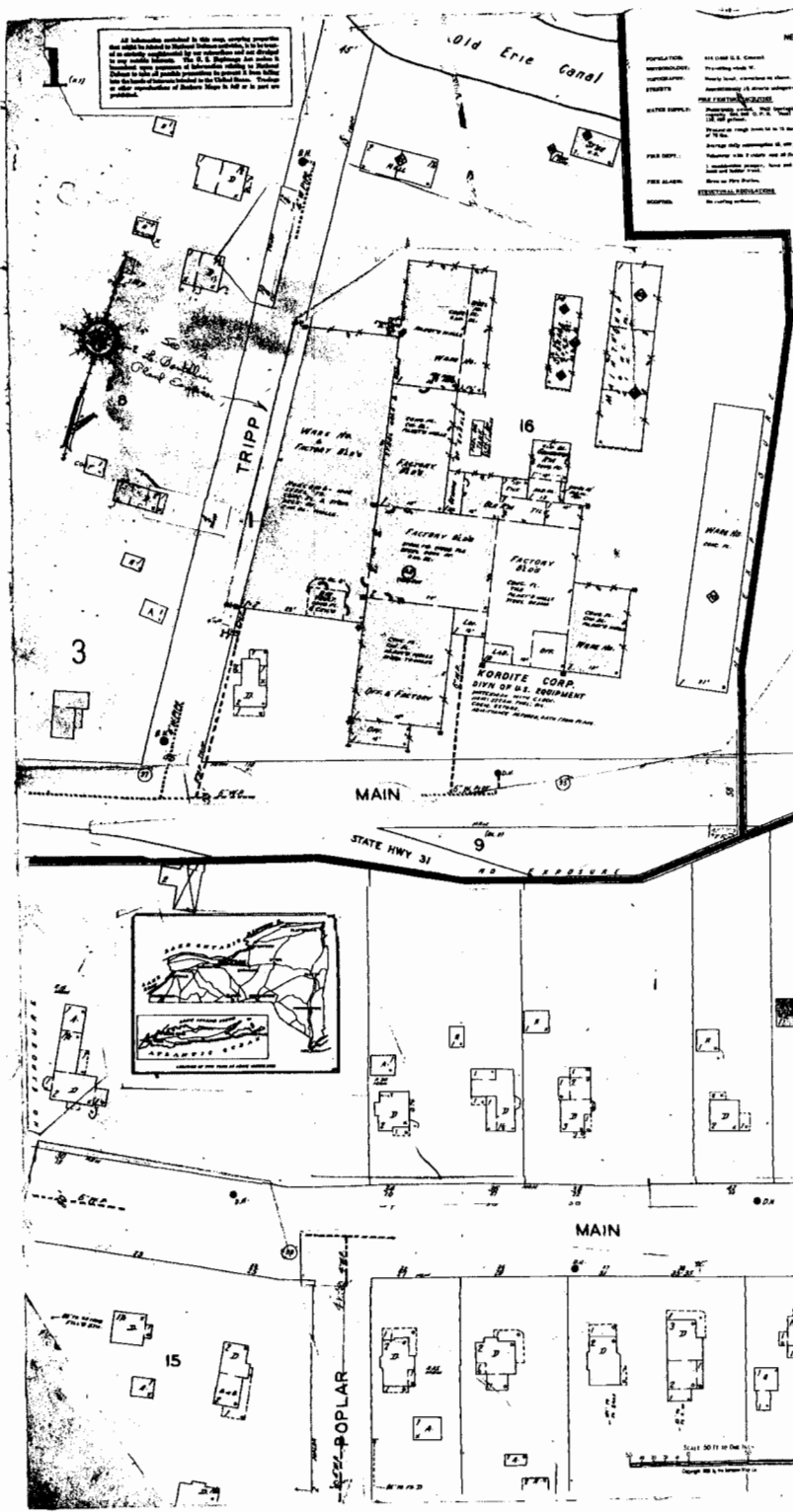


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St. Patrick's Catholic Church	26
United Methodist Church	27
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Yong, S., Wooden Bldg.	30

KEY

Buildings shown by solid lines, except
 for fire hydrants shown by circles. Fire
 hydrants are shown by circles with the
 letter H inside. Fire hydrants are shown
 by circles with the letter H inside. Fire
 hydrants are shown by circles with the
 letter H inside. Fire hydrants are shown
 by circles with the letter H inside.



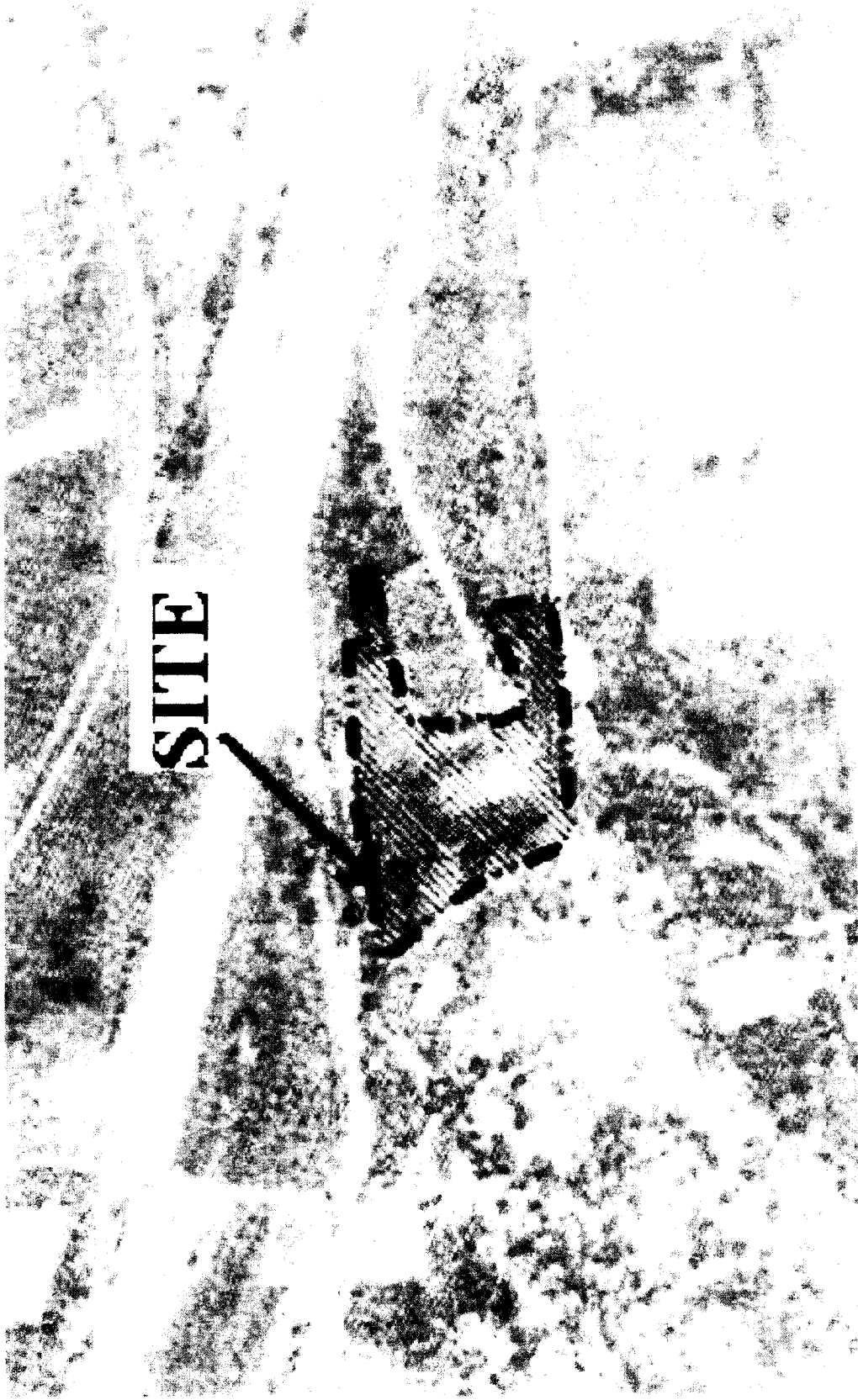
MACEDON
WAYNE COUNTY, NEW YORK
NEW REPORT, JULY, 1963

POPULATION: 614 (1960 U.S. Census)
 REPRESENTATION: Township, Block 11
 INDUSTRIES: Heavy metal, construction in stone
 FEATURES: Macdonville, a small neighborhood
 WATER SUPPLY: Macdonville, a small neighborhood
 FIRE DEPT.: Macdonville, a small neighborhood
 FIRE ALARMS: Macdonville, a small neighborhood
 SPECIAL FEATURES: Macdonville, a small neighborhood

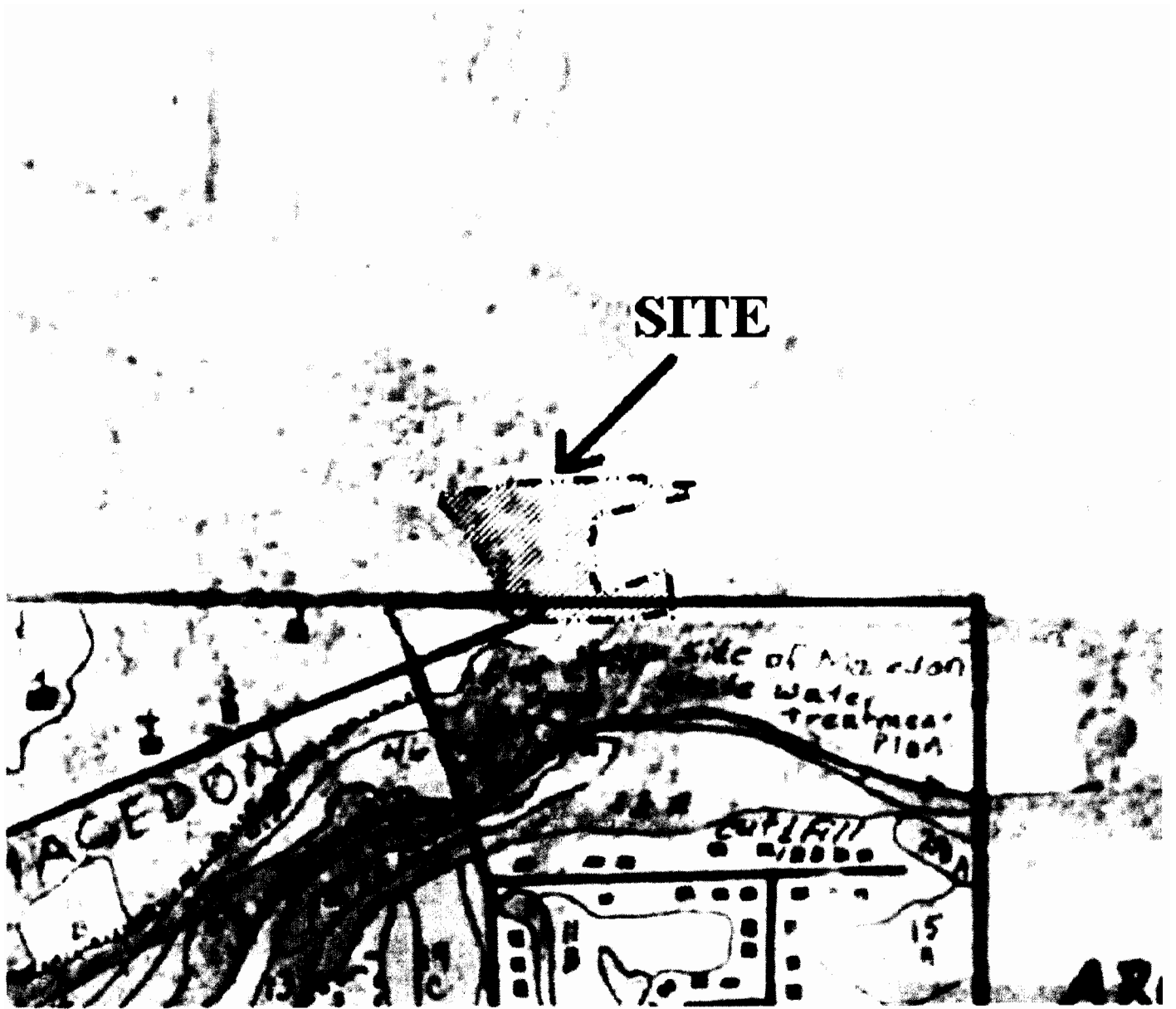


NEW INDEX, JULY, 1963

Address	Name	Phone No.
100 Main St.	Macdonville, a small neighborhood	
101 Main St.	Macdonville, a small neighborhood	
102 Main St.	Macdonville, a small neighborhood	
103 Main St.	Macdonville, a small neighborhood	
104 Main St.	Macdonville, a small neighborhood	
105 Main St.	Macdonville, a small neighborhood	
106 Main St.	Macdonville, a small neighborhood	
107 Main St.	Macdonville, a small neighborhood	
108 Main St.	Macdonville, a small neighborhood	
109 Main St.	Macdonville, a small neighborhood	
110 Main St.	Macdonville, a small neighborhood	



Attachment C-5
1938 Aerial Photograph



Attachment C-6
1963 Aerial Photograph



Attachment C-7
USDA Soil Map Wayne County, New York
1974 Aerial Photograph



Attachment C-8
1990 Aerial photograph



Attachment C-9
1994 Aerial photograph



Attachment C-10
2002 Aerial photograph

ATTACHMENT D Owners and Operators

According to the Macedon Real Property's office, a portion (0.6 acre) of the former Pactiv site was occupied by Mac's Diner and Macedon Auto Parts and owned by Albert O. Schnabel F. Reginald McFee aka Reginald McFee and Helen Mc Fee prior to 1960. In 1960, the 0.6 acre parcel was purchased by Mobil Chemical Corporation. After 1960, Mobil Chemical Corporation purchased and developed additional lands that increased the size of their property to approximately 24.17 acres. In 1996, Mobil Chemical Corporation sold 9.59 acres to Huntsman Design Products (currently, Pliant Corporation). In 1999, Mobil Chemical Corporation sold the Macedon Films site (6.95 acre parcel with tax identification number 62111-08-948968) plus two other parcels to Tenneco Packaging Specialty and Consumer Products, Inc.

In 2001, Carlisle Plastics LP purchased the site (6.95 acre parcel) and a 2.0-acre parcel north of the site from Pactiv Corporation, the successor by merger to Tenneco Packaging Specialty and Consumer Products, Inc. This BCP application for the Macedon Films site does not include the 2.0-acre parcel. The sale deed of the property to Carlisle Plastics LP states that "the Grantee, its successors and assignees, will use the above-described premises for industrial purposes only and will prohibit the use of the groundwater beneath the above-described premises as drinking water." Tyco Plastics Inc. is the current owner/operator at the site.

The following list of owners includes the previous owners of the lands that are associated with both the 6.95-acre site and 2.0-acre parcel that was acquired by Carlisle Plastics, LP. The owners solely associated with the site cannot be specified.

List of Owners

Previous Owner	Current Address	Phone	Relationship to Applicant	Property Transferred to:	Property Transfer Date
Village of Macedon	Abandoned Highway land	Unknown	Town Government	Unknown	1940/1959
Textron, Inc.	Unknown	Unknown	None	Kordite Corporation (Note 1)	1958
Tressa Caryl	Unknown	Unknown	None	Kordite Corporation (Note 1)	1960
Edna J. Howe	Unknown	Unknown	None	Kordite Corporation (Note 1)	1960
Cecil Kelly	Unknown	Unknown	None	Kordite Corporation (Note 1)	1964
Farmington Realty, Inc.	Unknown	Unknown	None	Kordite Corporation (Note 1)	1964
Margaret Ellen Gorman	Unknown	Unknown	None	Kordite Corporation (Note 1)	1964
Watson Caryl	Unknown	Unknown	None	Kordite Corporation (Note 1)	1964
Margaret Lyke	Unknown	Unknown	None	Mobil Oil Corporation	1967
The People of the State of New York	Unknown	Unknown	State Government	Mobil Oil Corporation	1967

Previous Owner	Current Address	Phone	Relationship to Applicant	Property Transferred to Owner Name	Property Transfer Date
R. M. Gorman and M. E. Gorman, G. Cunningham, J. and F. DeNeef	Unknown	Unknown	None	Mobil Oil Corporation	1967
Owasco River Railway, Inc.	Unknown	Unknown	None	Mobil Oil Corporation	1980
Mobil Oil Corporation	150 Main Street Macedon, NY 14502	Unknown	Sold property to Applicant	Tenneco Packaging Specialty and Consumer Products, Inc.	1999
Pactiv Corporation, formerly Tenneco Packaging Inc.	1900 West Field Court Lake Forest, IL 60045	888-828-2850	Applicant	Carlisle Plastics, LP	2001
Carlisle Plastics, LP	1401 West 94 th Street Minneapolis, MN 55431	Unknown	Purchased property from Applicant	Not applicable	Current

Note 1. Kordite Corporation merged with Socony Mobil Oil Company, Inc., which became Mobil Oil Corporation in 1966.

List of Operators

Date	Name	Current Address	Phone	Relationship to Applicant
1960-1995	Mobil Chemical Corporation/Mobil Oil Corporation	150 Main Street Macedon, NY 14502	Unknown	Sold property to Applicant
1995-2001	Tenneco Packaging Specialty and Consumer Products, Inc.	1900 West Field Court Lake Forest, IL 60045	888-828-2850	Applicant
2001-Current	Tyco Plastics	112 Main Street Macedon, NY 14502	Unknown	Purchased property from Applicant

Sources

Environmental Audit Tenneco Packaging Specialty Products, Macedon, New York, CH2M Hill, April 19, 1997. Appendix B Title Search. First American Title Company of New York, Title No. 905-WN-24.501, Effective Date October 23, 1995.

Bargain and Sale Deed with Covenant Against Grantor's Acts between Pactiv Corporation and Carlisle Plastics, LP. January 30, 2001.

Town of Macedon, Real Property.

**ATTACHMENT E
CONTACT LIST INFORMATION**

<i>Chief Executive Officer and Zoning Board Chairperson</i>		
Mr. James Hoteling Village of Macedon Chief Executive Officer	Village Hall 81 Main Street Macedon, NY 14502 315-986-3976	
Mr. Charles McQuire Village of Macedon Zoning Board Chairperson	Macedon Zoning Inspector 81 Main Street Macedon, NY 14502 315-986-7262	
<i>Current Owner/Occupant of the Site</i>		
Mr. Mike Dahnert Tyco Plastics, Inc. Contact	Tyco Plastics 112 Main Street Macedon, NY 14502 315-986-6306	Tyco will be closing the site on July 2, 2004.
<i>Adjacent Properties</i>		
Lawson M. Whiting, Inc./Whiting Iron Works Company	15 State Route 350 Macedon, NY 14502 315-986-3064	
NYS Canal Corporation Erie Canal Trails	Railroad St Macedon, NY 14502 315-986-5631	
NYSEG Substation		
Rerob Owner PO Box 46 Dewitt, NY 13214	Mobil Station/Mark's Pizzeria 123 Main Street Macedon, NY 14502 315-986-7628	
Mr. Jim Shelly	Shell's Pizza and Subs 129 Main Street Macedon, NY 14502 315-986-3008	
Mr. Jeff Beckenbach	Macedon Collision and Future Classics Auto Sales 127 Main Street Macedon, NY 14502 315-986-4434	
Mr. David Morrell, Owner 175 Dar-Lind Lane Palmyra, NY 14522	Community Car Wash 131 Main Street Macedon, NY 14502 315-986-3621	

Adjacent Properties	
Gravino Park	Village of Macedon 81 Main Street Macedon, NY 14502 315-986-3976
Village Waste Water Treatment Facility	Village of Macedon 81 Main Street Macedon, NY 14502 315-986-3976
Ms. Gloria Rundt Exxon-Mobil 729 Pittsford – Palmyra Road Macedon, NY 14502 315-966-5077	Mobil Oil Corporation (Exxon-Mobil) 150 Main Street Macedon, NY 14502
Mr. Gordie Pickering Pliant Corporation	200 Main Street Macedon, NY 14502 315-986-6270
Mr. Peter Schroth Fairport Products	4 Route 350 Macedon, NY 14502 315-986-7625
Mr. Mike Baker	110 Main Street Macedon, NY 14502
Mr. Jeff Stevens 3040 Guildersleeve Road Marion, NY 14505	Chill & Grill (vacant) 108 Main Street Macedon, NY 14502
Mechetti	Mech-Mar Industries 106 Main Street Macedon, NY 14502
Dr. Frank Debski, DDS	104 Main Street Macedon, NY 14502 315-986-7941
Mr. David Gray 200 Monteroy Road Rochester, NY 14618	C+L Auto 102 Main Street Macedon, NY 14502 315-986-5580
Village Fire Department 1 Canal Park Macedon, NY 14502	Village of Macedon 81 Main Street Macedon, NY 14502 315-986-4700

<i>Local News Media</i>	
The Democrat and Chronicle Newspaper	55 Exchange Blvd Rochester, NY 14614 585-232-7100
WOKR TV Channel 13	4225 W. Henrietta Road Rochester, NY 14623-5225 585-334-0013
WROC CBS Channel 8	201 Humboldt St. Rochester, NY 14610-1041 585-288-8400
WHEC TV.10 NBC	191 East Ave Rochester, NY 14602-2605 585-546-5670
WUHF TV Channel 31 Fox	360 East Ave Rochester, NY 14604-1014 585-262-3991
R-News Cable Channel 9	71 Mount Hope Ave Rochester, NY 14620-1014 585-756-2424
WHAM 1180 AM	207 Midtown Plaza Rochester, NY 14604-2016 585-454-4884
<i>Public Water Supplier</i>	
Mr. John Grevin, Superintendent Village of Macedon Public Works	Route 31 Macedon, NY 14502 315-986-4844
<i>School Located Near the Site</i>	
Mr. Donald Bevis Principal Macedon Elementary School	4 West Street Macedon, NY 14502
<i>Document Repository Location</i>	
Ms. Darlene Virkler Directory Macedon Public Library	30 Main Street Macedon, NY 14502 315-986-4755

ATTACHMENT F
CULTURAL AND NATURAL RESOURCES

URS submitted a letter dated January 21, 2004, to the New York Natural Heritage Program to request a review of records for rare species and significant natural communities near the site. In response to our request, the New York Natural Heritage Program reviewed their databases and determined that there are “no records of known occurrences of rare or state-listed animals or plants, significant natural communities, or other significant habitats, on or in the immediate vicinity” of the Macedon Films site. A copy of their letter, dated February 17, 2004 is attached.

URS submitted a letter dated January 21, 2004 to the New York State Office of Parks, Recreation, and Historic Preservation (OPRHP) to request of review of records for state or federal historic and heritage sites near the site. A response letter from OPRHP dated March 12, 2004 indicated that “there is an archeological site in or adjacent to” the Macedon Films site and that a Phase I archeological survey was warranted, unless substantial prior ground disturbance can be documented. URS provided documentation of prior ground disturbance at the site in a letter dated March 22, 2004. A response letter from the OPRHP dated April 28, 2004 indicated continued use of the site for industrial use will have “No Impact upon cultural resources in or eligible for inclusion in the State and National Registers of Historic Places.” Copies of the New York State Office of Parks, Recreation, and Historic Preservation letters are attached.

New York State Department of Environmental Conservation
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • **FAX:** (518) 402-8925
Website: www.dec.state.ny.us



February 17, 2004

Erico Fujita
U R S Corporation
28 Corporate Dr, Suite 200
Clifton Park, NY 12065

Dear Mr. Fujita:

In response to your recent request, we have reviewed the New York Natural Heritage Program databases with respect to an Environmental Assessment for the proposed Brownfield Cleanup Program - 200 East Main Street, site as indicated on the map you provided, located in the Town of Macedon, Wayne County.

We have no records of known occurrences of rare or state-listed animals or plants, significant natural communities, or other significant habitats, on or in the immediate vicinity of your site.

The absence of data does not necessarily mean that rare or state-listed species, natural communities or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain any information which indicates their presence. For most sites, comprehensive field surveys have not been conducted. For these reasons, we cannot provide a definitive statement on the presence or absence of rare or state-listed species, or of significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental assessment.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

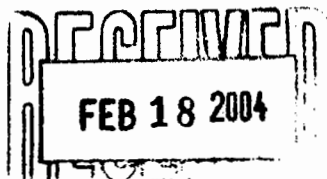
This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities and other significant habitats maintained in the Natural Heritage Data bases. Your project may require additional review or permits; for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, at the enclosed address.

Sincerely,

Betty A. Ketcham, Information Services
New York Natural Heritage Program

Enc.

cc: Reg. 8, Wildlife Mgr.





New York State Office of Parks, Recreation and Historic Preservation
Historic Preservation Field Services Bureau
Peebles Island, PO Box 189, Waterford, New York 12188-0189

518-237-8643

March 12, 2004

Eriko Fujita
URS Corporation
28 Corporate Drive, Suite 200
Clifton Park, New York 12065

Re: INFO REQ
Macedon Films Undisclosed Development/200
East Main Street
Macedon, Wayne County
04PR01007

Dear Mr. Fujita:

Thank you for requesting the comments of the Office of Parks, Recreation and Historic Preservation (OPRHP) concerning your project's potential impact/effect upon historic and/or prehistoric cultural resources. Our staff has reviewed the documentation that you provided on your project. Preliminary comments and/or requests for additional information are noted on separate enclosures accompanying this letter. A determination of impact/effect will be provided only after ALL documentation requirements noted on any enclosures have been met. Any questions concerning our preliminary comments and/or requests for additional information should be directed to the appropriate staff person identified on each enclosure.

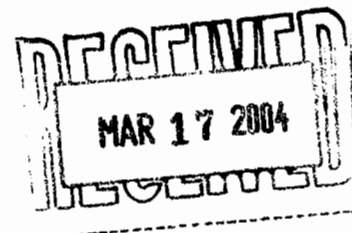
In cases where a state agency is involved in this undertaking, it is appropriate for that agency to determine whether consultation should take place with OPRHP under Section 14.09 of the New York State Parks, Recreation and Historic Preservation Law. In addition, if there is any federal agency involvement, Advisory Council on Historic Preservation's regulations, "Protection of Historic and Cultural Properties" 36 CFR 800 requires that agency to initiate Section 106 consultation with the State Historic Preservation Officer (SHPO).

When responding, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Ruth L. Pierpont
Director

RLP:cmp



ARCHEOLOGY COMMENTS

04PR01007

Based on reported resources, there is an archeological site in or adjacent to your project area. Therefore the Office of Parks, Recreation and Historic Preservation (OPRHP) recommends that a Phase 1 archeological survey is warranted for all portions of the project to involve ground disturbance, unless substantial prior ground disturbance can be documented. If you consider the project area to be disturbed, documentation of the disturbance will need to be reviewed by OPRHP. Examples of disturbance include mining activities and multiple episodes of building construction and demolition.

A Phase 1 survey is designed to determine the presence or absence of archeological sites or other cultural resources in the project's area of potential effect. The Phase 1 survey is divided into two progressive units of study including a Phase 1A sensitivity assessment and initial project area field inspection, and a Phase 1B subsurface testing program for the project area. The OPRHP can provide standards for conducting cultural resource investigations upon request. Cultural resource surveys and survey reports that meet these standards will be accepted and approved by the OPRHP.

Our office does not conduct cultural resources surveys. A 36 CFR 61 qualified archeologist should be retained to conduct the Phase 1 survey. Many archeological consulting firms advertise their availability in the yellow pages. The services of qualified archeologists can also be obtained by contacting local, regional, or statewide professional archeological organizations. Phase 1 surveys can be expected to vary in cost per mile of right-of-way or by the number of acres impacted. We encourage you to contact a number of consulting firms and compare examples of each firm's work to obtain the best product.

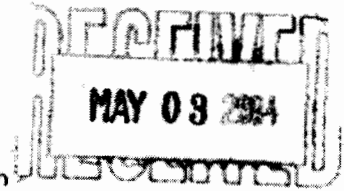
Documentation of ground disturbance should include a description of the disturbance with confirming evidence. Confirmation can include current photographs and/or older photographs of the project area which illustrate the disturbance (approximately keyed to a project area map), past maps or site plans that accurately record previous disturbances, or current soil borings that verify past disruptions to the land. Agricultural activity is not considered to be substantial ground disturbance and many sites have been identified in previously cultivated land.

Please also be aware that a Section 233 permit from the New York State Education Department (SED) may be necessary before any archeological survey activities are conducted on State-owned land. If any portion of the project includes the lands of New York State you should contact the SED before initiating survey activities. The SED contact is Christina B. Rieth and she can be reached at (518) 402-5975. Section 233 permits are not required for projects on private lands.

If you have any questions concerning archeology, please contact Michael Schifferli at 518-237-8643. ext 3281



New York State Office of Parks, Recreation and Historic Preservation
Historic Preservation Field Services Bureau
Peebles Island, PO Box 189, Waterford, New York 12188-0189



518-237-8643

April 28, 2004

Eriko Fujita
URS Corporation
28 Corporate Drive, Suite 200
Clifton Park, New York 12065

Re: INFO REQ
Macedon Films Undisclosed Development
200 East Main Street
Macedon, Wayne County
04PR01007

Dear Mr. Fujita:

Thank you for requesting the comments of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the project in accordance with the New York State Parks, Recreation and Historic Preservation Law, Section 14.09.

Based upon this review, it is the OPRHP's opinion that your project will have No Impact upon cultural resources in or eligible for inclusion in the State and National Registers of Historic Places.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Ruth L. Pierpont
Director

RLP:cmp

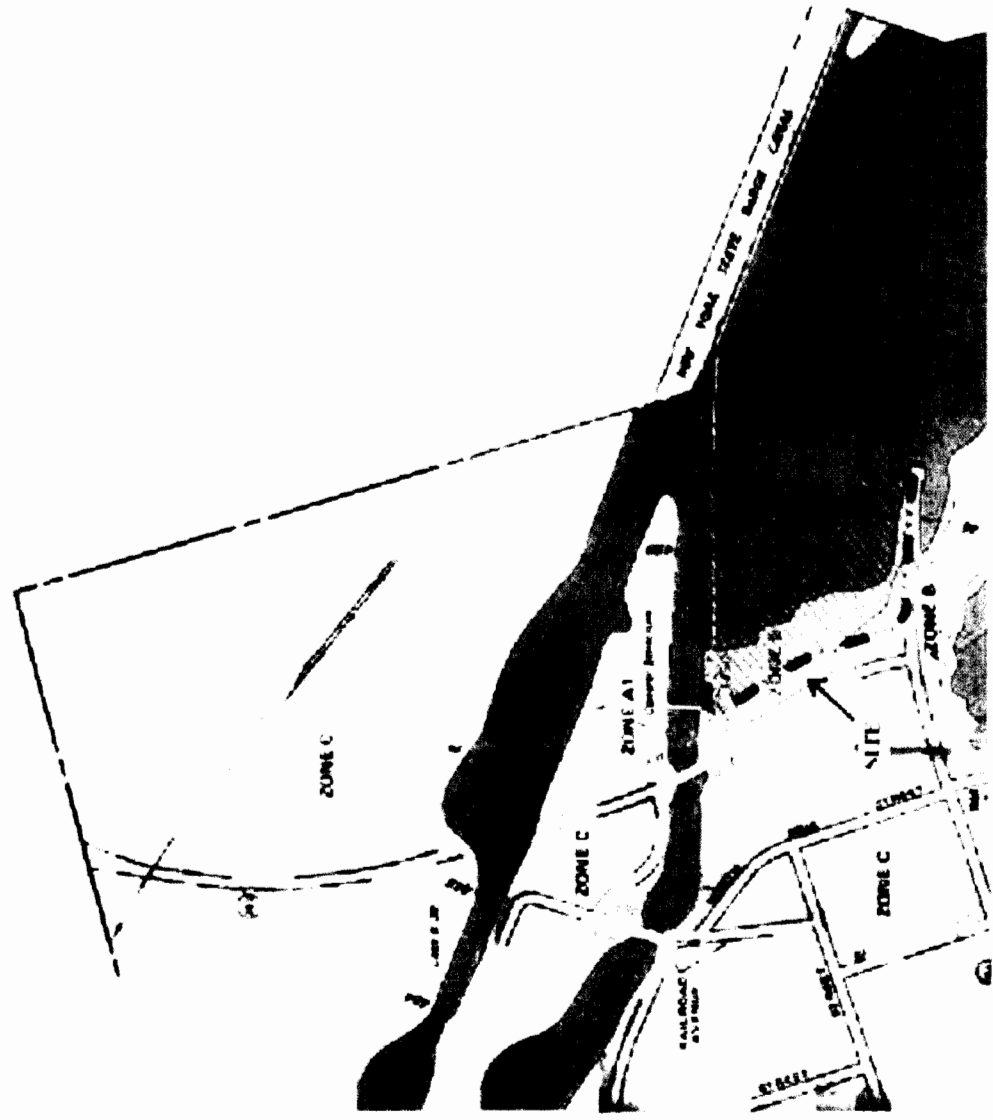
- 1. Areas of 100-year floods shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended.
- 2. Areas of 100-year floods shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended.
- 3. Areas of 100-year floods shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended.
- 4. Areas of 100-year floods shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended.
- 5. Areas of 100-year floods shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended.
- 6. Areas of 100-year floods shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended.
- 7. Areas of 100-year floods shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended.
- 8. Areas of 100-year floods shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended.
- 9. Areas of 100-year floods shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended.
- 10. Areas of 100-year floods shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended.

NOTES TO USER

Areas shown on this map are based on the National Flood Insurance Act of 1968, as amended, and the Flood Insurance Act of 1973, as amended. The map is for informational purposes only and does not constitute a guarantee of accuracy. The map is subject to change without notice.

DATE: SEPTEMBER 1983
 SCALE: 1:50,000
 DRAWN BY: [Name]

FLOOD INSURANCE ACT OF 1968
 FLOOD INSURANCE ACT OF 1973



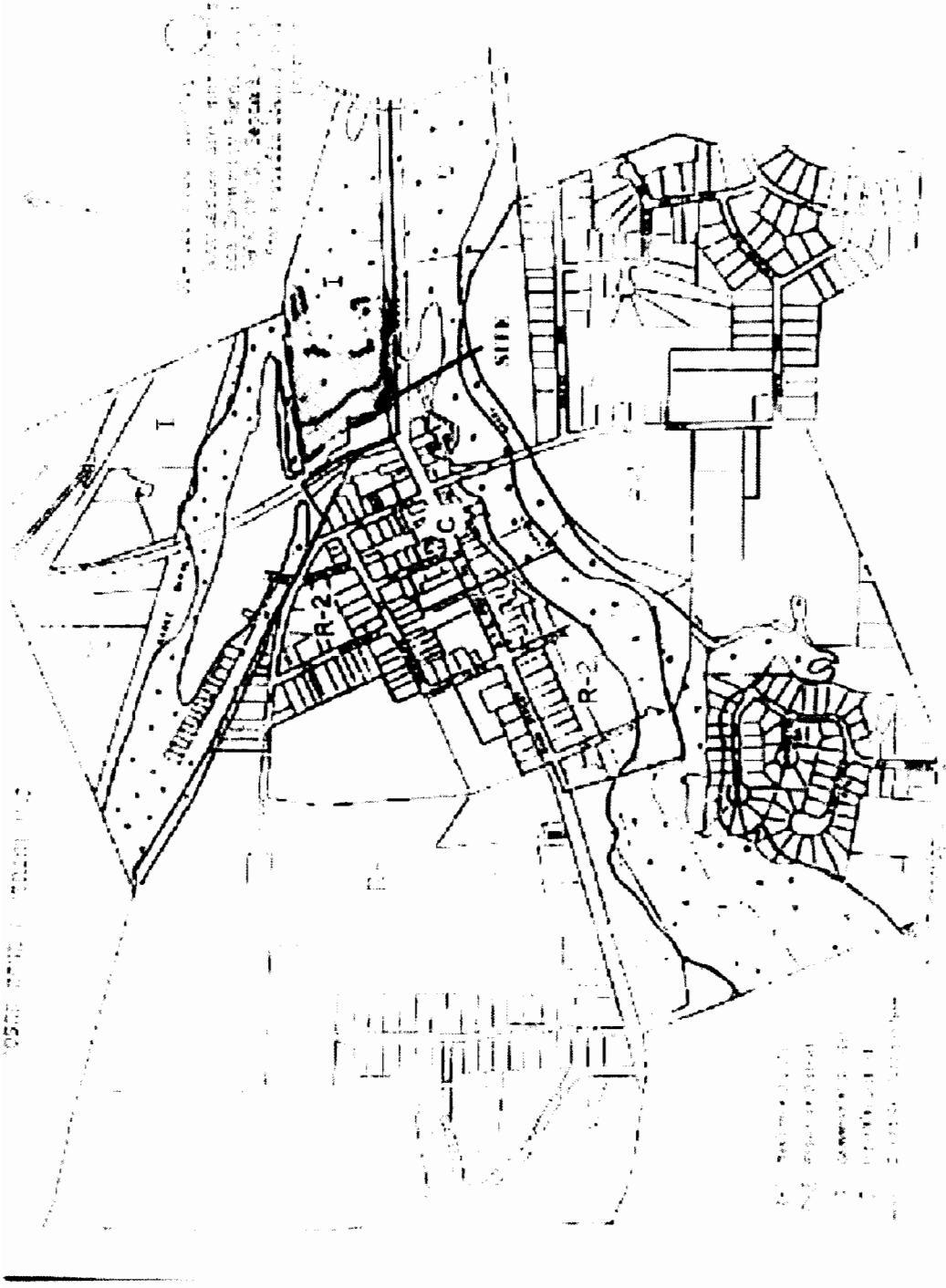
Attachment G-1
 Flood Insurance Map, 1983

ATTACHMENT G FLOODPLAINS

As shown on the attached Flood Insurance Rate Map dated September 30, 1983, the site is within Zone B and Zone A7. The eastern portion of the site is within Zone B that is defined as an area between the limits of the 100 and 500-year flood. Zone A7 is defined as areas of 100-year floods.

**ATTACHMENT H
ADJACENT PROPERTY USES**

A zoning map from the Town of Macedon is attached. The zoning map shows that the site and the neighboring Mobil Oil Corporation (Exxon-Mobil) and Huntsman Design Products (Pliant Corporation) properties east of the site are also zoned for industrial use. South and southeast of the site the properties are zoned for commercial use. The land east of the site is designated as a R-2 residential district.



Attachment H
Macedon Zoning Map

ATTACHMENT I GROUNDWATER RESOURCES

According to the Mr. Grevin, Superintendent of the Village of Macedon Public Works, Lake Erie is the source of the drinking water at the site. According to the New York State Department of Health Source Water Assessment Program database, there are no public water supply wells in the Village or Town of Macedon.

According to the 1997 CH2M Hill report, Mobil had an onsite potable water well in the past. It is not known whether this well was located on the 6.95-acre parcel (the Macedon Films site) that was previously owned by Pactiv. No additional information is available regarding this well. The EDR report in the 1997 CH2M Hill report indicates that there is a public water supply well 1/8-mile west of the Mobil complex property at the Amsterdam Racquetball Corporation and a public water supply well within 2 miles of the Mobil complex.

As shown in the water table maps from November 1, 1999, March 13, 2000, and June 12, 2000 that are presented in URS' *Revised Water Table Maps Soil Gas Survey Former Pactiv Facility Macedon, New York* dated September 11, 2002, groundwater flow beneath the site is generally toward to the east. The water table maps show that water from the canal flows toward the site west of the Building 12 weir, around the weir, and then the water discharges to the canal east of the Building 12 weir. The groundwater levels at the remainder of the site fluctuate with changes in the water level in the adjacent canal. The New York State Canal Corporation, a subsidiary of the New York State Thruway Authority, controls the water level in the canal that is adjacent to the site. The water levels in the canal are maintained at levels suitable for navigation between late May and October. The March 13, 2000 water table map shows that when the level of the canal is very low, the direction of groundwater flow beneath the site is northeast across the site toward the canal.

ATTACHMENT J GEOGRAPHY AND GEOLOGY

GEOGRAPHY

Pactiv's former Macedon facility is within the Erie-Ontario Lowlands physiographic province. This physiographic province is characterized by relatively low, flat-lying areas to the south of Lake Ontario and Lake Erie. The ground surface at the site is relatively flat, at an elevation of approximately 410 feet above mean sea level (msl).

The village of Macedon lies within a glacial valley. Outwash plains and terraces are within the valley. The topography of the area also distinctly shows drumlins and drumlin fields. Drumlins are long elongate hills oriented in a north-south direction. There are fairly large swamp areas near the site that are the remnants of former shallow glacial lakes.

GEOLOGY

The geology of Pactiv's former Macedon facility was characterized by the interpretation of 13 boring logs recorded by URS (Dames & Moore) in 1999. Several sources of geologic literature were also used to supplement our understanding of the geology of the area. The following subsections present the geology and hydrogeology beneath the facility.

REGIONAL GEOLOGY

Pactiv's former Macedon facility is in the Erie-Ontario Lowlands physiographic province of New York State (NYS Museum, 1991). The facility is underlain by the dolostone, shale, gypsum, and salt of the Camillus and Syracuse formations (Isachsen and Fisher, 1970) of the Salina Group, deposited in the shallow, salty seas of Late Silurian times (NYS Museum, 1991). The area was glaciated in the Wisconsin stage of the Pleistocene. The area is currently part of a large drumlin field, and bedrock is covered by an average of 40 feet of glacial till.

LOCAL GEOLOGY

According to the *Soil Survey of Wayne County, New York* (Soil Conservation Service, 1978), the site is identified as cut and fill land. Areas immediately south and east of the site are also mapped as cut and fill land. Areas immediately west of the site are mapped as gravelly loams of the Phelps and Palmyra series, soil of the Palmyra and Alton series, and cut and fill land. Silty loams of the Canandaigua and Wayland series, and gravelly loams of the Ontario and Palmyra series are present north of the canal that is the northern boundary of the site. The Phelps series consists of deep, moderately well drained soil formed in glacial outwash and beach deposits containing sand and gravel. The Palmyra series consists of deep, well drained to excessively drained soils formed in glacial outwash deposits. The Alton series consists of deep, well drained to somewhat excessively well drained soil formed in glacial outwash and beach deposits. The Canandaigua series consists of deep, poorly drained and very poorly drained soil formed in silty glacial lake sediments. The Wayland series consists of deep, poorly drained and

very poorly drained soil formed in silty alluvial sediments. The Ontario series consists of deep, well drained soil formed in glacial till.

The overburden encountered at the site consists of brown and gray fine- to medium-grained sand with traces of silt and angular gravel above a one- to two-foot thick layer of brown and gray clay. Bedrock was encountered at the site between eight and 16 feet below ground surface (bgs) in several borings.