Privileged and Confidential
Prepared at ENCORE Counsel's Request

PHASE I ENVIRONMENTAL SITE ASSESSMENT

South Parking Lot
South Boulevard West and Howland Street
Pontiac, Michigan

DISCLAIMER:
SOME FORMATTING CHANGES MAY HAVE OCCURRED WHEN THE ORIGINAL DOCUMENT WAS PRINTED TO PDF; HOWEVER, THE ORIGINAL CONTENT REMAINS UNCHANGED.

Prepared by:
Conestoga-Rovers & Associates

620 S. Capitol Avenue, Suite 100
Lansing, Michigan 48933

Office: (517) 316-2397
Fax: (517) 316-2398

web: http:\\www.CRAworld.com

AUGUST 2006
REF. NO. 017322 (2)

TABLE OF CONTENTS

Page

1.0 INTRODUCTION 1
1.1 DEFINITIONS AND ACRONYMS 1
1.1.1 DEFINITIONS 1
1.1.2 ACRONYMS 2
1.2 PURPOSE AND SCOPE OF PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA) 3
1.3 SITE DESCRIPTION 5
1.4 ENVIRONMENTAL SETTING 5
1.4.1 TOPOGRAPHY 5
1.4.2 GEOLOGY 6
1.4.3 HYDROGEOLOGY 6
1.4.3.1 AQUIFER DETERMINATION 8
1.4.4 SURFACE WATER BODIES 8
1.4.5 ENVIRONMENTALLY SENSITIVE AREAS 8
1.4.6 ZONING OF SITE AND AREA 8
1.5 SITE HISTORY 9
1.5.1 PAST OWNER HISTORICAL USE 9
1.5.2 CURRENT OWNER HISTORICAL USE 9
1.5.3 CURRENT USE 9
1.5.4 CURRENT AND HISTORICAL USE OF ADJACENT SURROUNDING PROPERTIES 9
1.6 REPORT ORGANIZATION 10

2.0 ENVIRONMENTAL DATABASES SEARCH AND HISTORICAL RECORDS SEARCH 12
2.1 ENVIRONMENTAL DATABASES SEARCH 12
2.1.1 FEDERAL DATABASES 12
2.1.2 STATE DATABASES 18
2.2 PUBLIC RECORD REVIEW RESULTS 21
2.2.1 U.S. EPA 21
2.2.2 STATE AGENCY 21
2.2.3 LOCAL MUNICIPALITY 22
2.3 HISTORICAL RECORDS REVIEW 22
2.3.1 SANBORN FIRE INSURANCE MAPS 22
2.3.2 PROPERTY TITLE SEARCH 23
2.3.3 AERIAL PHOTOGRAPHS 23
2.3.4 HISTORICAL TOPOGRAPHIC MAPS 25
2.3.5 CITY DIRECTORY SEARCH 26
2.4 SITE FILES 26
2.4.1 FILES 26
2.4.2 VARIOUS CORRESPONDENCE /OTHER DOCUMENTATION 28
2.4.3 DRAWINGS 28

TABLE OF CONTENTS

Page

2.4.4 PERMITS....28

3.0 SITE RECONNAISSANCE....29
3.1 SPECIAL PROCESSES AND EQUIPMENT....29
3.2 UTILITY SERVICES....29
3.3 UNDERGROUND STORAGE TANKS (USTs)....30
3.4 ABOVE GROUND STORAGE TANKS (ASTs)....30
3.5 RAW MATERIAL USAGE AND STORAGE....30
3.6 SOLID WASTE HANDLING/STORAGE AND DISPOSAL....31
3.7 HAZARDOUS WASTE HANDLING/STORAGE AND DISPOSAL....31
3.8 POLYCHLORINATED BIPHENYLS (PCBs)....32
3.8 ASBESTOS CONTAINING MATERIAL (ACM)....32
3.10 INDUSTRIAL WASTEWATER/SANITARY SEWERS....32
3.11 STORMWATER....33
3.12 AIR EMISSIONS....33
3.13 PAINTING SYSTEMS....34
3.14 IONIZING RADIATION....34
3.15 PERMITS....34
3.16 SPILL REPORTS/RELEASES....34
3.17 EMPLOYEE RIGHT TO KNOW (ERTK)/HEALTH AND SAFETY....35
3.18 SARA TITLE III – EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT (EPCRA)....35
3.19 WELLS....35
3.20 LEAD-BASED PAINT (LBP)....35

4.0 SUMMARY OF ENVIRONMENTAL CONDITIONS....37
4.1 PAOCS....37
4.2 PAORS....37
4.3 ADDITIONAL POTENTIAL ENVIRONMENTAL ISSUES....37

5.0 CONCLUSIONS....38

6.0 CERTIFICATION....39

7.0 REFERENCES....40

LIST OF FIGURES

FIGURE 1.1 SITE LOCATION

FIGURE 1.2 SITE PLAN

FIGURE 3.1 LOCATIONS OF PAOCs AND PAORs

LIST OF APPENDICES

APPENDIX A ASSESSOR'S QUALIFICATIONS

APPENDIX B NATIONAL WETLANDS INVENTORY MAP

APPENDIX C LOCAL ZONING PLAN

APPENDIX D DATABASE SEARCH RESULTS

APPENDIX E SANBORN MAPS

APPENDIX F HISTORIC AERIAL PHOTOGRAPHS

APPENDIX G HISTORIC TOPOGRAPHIC MAPS

APPENDIX H CITY DIRECTORY SEARCH

APPENDIX I SITE PHOTOGRAPHS

EXECUTIVE SUMMARY

Conestoga-Rovers & Associates, Inc. (CRA) was retained by Environmental Corporate Remediation (ENCORE) to complete a Phase I Environmental Site Assessment (ESA) of the former parking lot and vacant area (Lots 49 to 120 of the Woodward Estates Subdivision) located at the southeast corner of Howland Street and South Boulevard in Pontiac, Michigan (Site). The Site was used as an auxiliary parking lot for the General Motors Corporation Validation Center located to the north across South Boulevard. The purpose of the Phase I ESA was to identify, through use of good commercial and customary practice, recognized environmental conditions (RECs) and determine if the recognized environmental conditions are potential areas of concern (PAOCs) or potential areas of release (PAORs), as defined by GM, associated with prior or current activities conducted at the Site. This ESA was conducted to assist GM to evaluate business environmental risk as defined in ASTM E1527-00 for the Site. This ESA included an evaluation of substantive potential compliance issues.

The Site is located at the former parking lot and vacant area (Lots 49 to 120 of the Woodward Estates Subdivision) located at Howland Street and South Boulevard in Pontiac, Michigan. The Site consists of approximately __ acres of land, including a paved former parking area and a vegetated area, which was historically utilized as a park by the City of Pontiac. Based on available information, the Site was purchased by GM from the City of Pontiac in 1944. According to individuals associated with the Site, the northern portion of the Site has always been used as a parking lot for GM employees since acquisition by GM. The southern portion of the Site is currently vacant vegetated land. Based on discussions with individuals associated with the Site and review of available information, this portion of the Site was historically leased by the City of Pontiac from GM for use as a playground (a/k/a South West Civic Park).

Based on the Phase I ESA, including the Site inspection, information provided by individuals associated with the Site, documents reviewed, and the environmental database searches, the following PAOCs were identified at the Site:

1. **Adjacent Property:** The GM Truck Product Center (TPC) Validation Center (now Pontiac Centerpoint Campus – Validation Center (PCC-VC)) is located adjacent to the north of the Site. The GM PCC-VC is listed in the environmental database search results in the RCRA-TSD Report, the CORRACTs (low priority corrective action status), the RCRA-LQG Report, the UST Database, and the LUST Report. Based on the review of available Sanborn Fire Insurance maps, the adjacent property to the north of the Site has historically been operated as a foundry and

automotive manufacturing facility. Numerous underground storage tanks were noted on the Sanborn maps, as well as several processes, which typically utilize petroleum products and solvents. Information regarding specific historical operations and chemical handling was not available for the entire developed timeframe of the adjacent property.

2. **Magnetometer Survey Anomalies:** Based on the review of a magnetometer survey report previously completed at the Site, several small anomalies were noted throughout the southern portion of the Site, which is currently vacant vegetated land and was historically a playground.

Based on the Phase I Environmental Site Assessment, including the Site inspection, information provided by individuals associated with the Site, documents reviewed, and the environmental database searches, no PAORs were identified at the Site.

Based on the Phase I Environmental Site Assessment, including the Site inspection, information provided by individuals associated with the Site, documents reviewed, and the environmental database searches, no other potential environmental issues were identified at the Site.

1.0 INTRODUCTION

1.1 DEFINITIONS AND ACRONYMS

1.1.1 DEFINITIONS

Recognized Environmental Condition (REC) - the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into the soils, groundwater, or surface water of the property. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be subject to an enforcement action if brought to the attention of appropriate governmental agencies.

Potential Area of Concern (PAOC) - areas with a documented release or likely presence of hazardous substances or petroleum products into the soils, groundwater, or surface water of the property that could pose an unacceptable risk to human health or the environment. The term PAOC is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be subject to an enforcement action if brought to the attention of appropriate governmental agencies.

Potential Area of Release (PAOR) – areas, equipment, or structures that contain hazardous substances or petroleum products under conditions that, if not managed properly, represent a material threat of a release into the soils, groundwater, or surface water of the property. A PAOR is not a PAOC because there is no evidence of a release to the environment, while if there is evidence of a release then the PAOR would be classified as a PAOC that would require decommissioning. During decommissioning activities, all materials shall be removed from the PAOR, properly decontaminated, and all waste generated shall be managed and disposed in a manner that eliminates the material threat of release.

Phase I ESA - Non-intrusive investigation that identifies PAOCs, which may require further investigation in subsequent phases of work.

Phase II Environmental Site Inspection (ESI) - Intrusive investigation to qualitatively and quantitatively identify contaminants in soil, groundwater, and/or surface water for PAOCs identified in the Phase I ESA.

1.1.2 ACRONYMS

The following acronyms are used in this report in addition to those found in ASTM Standard E1527-00:

ACM	Asbestos Containing Materials
AMSL	Above Mean Sea Level
AOC	Area of Concern
AST	Aboveground storage tank
bgs	Below Ground Surface
BTEX	Benzene, toluene, ethylbenzene, xylenes
CA	Corrective Action
CAFO	Consent Agreement and Final Order
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act of 1980 (as amended)
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CMP	Corrective Measures Proposal
CORRACTS	RCRA - Corrective Action
CRA	Conestoga-Rovers & Associates
EDR	Environmental Data Resources
ENCORE	Environmental Corporate Remediation
EPCRA	Emergency Planning and Community Right-to-Know Act
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
ESI	Environmental Site Investigation
FINDS	Facility Index System
FTTS	FIFRA/TSCA Tracking System
FRDS	Federal Reporting Data System
GM	General Motors Corporation
HMIRS	Hazardous Materials Information Reporting System
LUST	Leaking Underground Storage Tank
LQG	Large Quantity Generator of Hazardous Waste
MDEQ	Michigan Department of Environmental Quality
MDNR	Michigan Department of Natural Resources
MINES	Mines Master Index File
NCP	National Contingency Plan
NFRAP	No Further Remedial Action Planned
NPL	National Priority List
NWIM	National Wetlands Inventory Map

PADS	PCB Activity System
PAOC	Potential Area of Concern
PAOR	Potential Area of Release
PCBs	Polychlorinated biphenyls
PNAs	Polynuclear Aromatic Hydrocarbons
POTW	Publicly Owned Treatment Works
PR/VSI	Preliminary Review/Visual Site Inspection
RAATS	Resource Conservation and Recovery Administrative Action Tracking System
RCRA	Resource Conservation and Recovery Act (as amended)
REC	Recognized Environmental Condition
RFA	RCRA Facility Assessment
RFI	RCRA Facility Investigation
Site	Subject property on which Phase I ESA is conducted
SPCC	Spill Protection Control and Countermeasures
SWMU	Solid Waste Management Unit
SWPPP	Stormwater Pollution Prevention Plan
SQG	Small Quantity Generator of Hazardous Waste
SVOC	Semi-Volatile Organic Compounds
TPH	Total Petroleum Hydrocarbons
TRIS	Toxic Release Inventory System
TSCA	Toxic Substances Control Act
TSD	Treatment, Storage, or Disposal (RCRA)
U.S. EPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compounds
WWTP	Waste Water Treatment Plant

1.2 PURPOSE AND SCOPE OF PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)

Conestoga-Rovers & Associates, Inc. (CRA) was retained by Environmental Corporate Remediation (ENCORE) to complete a Phase I Environmental Site Assessment (ESA) of the former parking lot and vacant area (Lots 49 to 120 of the Woodward Estates Subdivision) located at the southeast corner of Howland Street and South Boulevard in Pontiac, Michigan (Site). In defining a standard of good commercial and customary practice for conducting an environmental site assessment of a parcel of property, the goal of the processes established by the ASTM Standard Practice E1527-00 is to identify recognized environmental conditions (RECs). The purpose of the Phase I ESA was to

use good commercial and customary practices to identify RECs and determine if these RECs are potential areas of concern (PAOCs) or potential areas of release (PAORs) associated with prior or current activities conducted at the Site. This ESA was conducted to assist GM to evaluate business environmental risk as defined in ASTM E1527-00 for the Site. This ESA included an evaluation of substantive potential compliance issues. The Site location is presented on Figure 1.1. A Site plan is presented on Figure 1.2.

The Phase I ESA was conducted in general accordance with ASTM Standard E1527-00, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Practices" for conducting environmental assessments. The assessment included an environmental database search, historical records review, a Site inspection, discussions with individuals associated with the Site, and a review of available Site records. This Phase I ESA was prepared by Ms. Jennifer Quigley, and reviewed by Mr. Brian Boevers. Copies of curriculum vitae outlining their qualifications are presented in Appendix A. The following tasks were conducted during the assessment:

- review of Federal and State environmental databases and historical records;
- review of aerial photographs of the Site;
- review of past and current property use and adjacent property occupancy;
- inspection of the facilities, equipment, utility services, operations, and associated Site records;
- observations of Site conditions;
- review of chemical use and storage and spill/release incidents;
- review of waste handling, accumulation, storage, and disposal practices;
- review of air emissions, and stormwater and wastewater discharges;
- review of equipment that may potentially contain polychlorinated biphenyls (PCBs);
- interviews with individuals associated with the Site;
- observation of potential asbestos-containing materials (ACM);
- review of aboveground and underground storage tank records;
- review of the results of prior inspections and remedial activities conducted at the Site; and
- review of previous environmental reports prepared for the Site.

This report summarizes the information gathered by CRA during the Phase I ESA and identified PAOCs and PAORs associated with the Site. This Phase I ESA is the sole property of GM and has been prepared for use by GM.

1.3 SITE DESCRIPTION

The Site is located at the former parking lot and vacant area (Lots 49 to 120 of the Woodward Estates Subdivision) located at the southeast corner of Howland Street and South Boulevard in the City of Pontiac, Michigan. The Site consists of approximately __ acres of land, including a paved former parking area and a vegetated area, which was historically utilized as a park by the City of Pontiac. Based on available information, the Site was purchased by GM from the City of Pontiac in 1944. According to individuals associated with the Site, the northern portion of the Site has always been used as a parking lot for GM employees since acquisition by GM. The southern portion of the Site is currently vacant vegetated land. Based on discussions with individuals associated with the Site and review of available information, this portion of the Site was historically leased by the City of Pontiac from GM for use as a playground (a/k/a South West Civic Park).

1.4 ENVIRONMENTAL SETTING

The Site is located in an area of mixed industrial, commercial, and residential land use. The Site surface consists of asphalt-paved and concrete-paved parking areas, and vegetated landscaped areas. Based on the review of the National Wetlands Inventory Map (NWIM), no wetlands are mapped for the Site (see Section 1.4.5).

1.4.1 TOPOGRAPHY

The Site is located at an elevation of approximately 960 feet above mean sea level (AMSL). The Site parking areas are two-tiered, with the upper tier being approximately 6 feet higher in elevation from the lower tier along South Boulevard. Figure 1.1 presents the topography of the Site and surrounding area.

1.4.2 GEOLOGY

Topography and overburden in the vicinity of the Site are the result of glacial and post-glacial deposition and erosional processes. Continental glaciers advanced into this area of Michigan at least twice, once in each of the last two glacial stages of the Illinoisan and Wisconsinan glaciers of the Pleistocene Epoch.

The Site is located in an area of terminal, or end moraine. In the area surrounding the Site, the end moraine material may vary from slightly less than 100 feet to as much as 350 feet. The end moraine material is generally medium textured till with a dominant clay and silt matrix.

The Coldwater Shale, of Early Mississippian age, is the first bedrock formation encountered below the Site at an elevation of approximately 625 to 650 feet AMSL (to an approximate depth of 250 to 350 feet). This shale is dark brown to black, bituminous, fissile, and finely laminated. The Coldwater Shale may be as much as 1,300 feet thick in the vicinity of the Site. Located below the Coldwater Shale are sedimentary formations of the Berea Sandstone-Bedford Shale unit.

The regional geologic profile typically consists of three distinct units, including: (1) a surficial fill and/or a native granular horizon; (2) a glacial till deposit; and (3) a Mississippian-aged bedrock (Coldwater Shale). In areas of the Site, the surficial fill materials are typically comprised of a variable mix of sand, gravel, clay, asphalt, concrete, and other engineered fill. The fill units range in depth from approximately 5 to 15 feet below ground surface (bgs). Below the fill material, up to 350 feet of glacial material is encountered. This glacial material generally consists of a medium-textured, poorly stratified clay till with thin, laterally discontinuous lenses of silts, sands, and/or gravels. However, in the vicinity of the Site, the glacial till does contain several interbedded laterally continuous sand layers of variable thicknesses between 120 and 350 feet bgs. This includes a glacial outwash deposit of well-sorted sand and gravel at approximately 220 feet bgs.

1.4.3 HYDROGEOLOGY

Groundwater resources in the Clinton and Rouge River watersheds exist in both the glacial drift and the bedrock of the area. In the region surrounding the Site, groundwater is encountered in four general water-bearing units:

- unconfined water table zone;
- glacial till aquifer(s);
- lower sand and gravel aquifer; and
- bedrock aquifer(s).

The upper glacial till of the area contains an unconfined water table, which is influenced by seasonal precipitation, local drainage patterns, and topography. The water table is located at a depth of approximately 10 to 30 feet bgs and the saturated thickness is approximately 5 to 10 feet. The unconfined water table zone is not utilized for water supply purposes.

The glacial till is approximately 250 to 350 feet in thickness in the vicinity of the Site. The glacial till moraines consist of poorly stratified clays, sand, and gravel that are not always continuous with depth. This material does not transmit large quantities of water and as a result, water-bearing zones within this unit are not considered significant aquifers. However, in some areas, glacial outwash underlies the moraine material. In the vicinity of the Site, the outwash appears in a more complex, bedded sequence with the moraine. It is within these interbedded layers of outwash that larger quantities of water are yielded over longer periods of time.

The regional lower sand and gravel aquifer is glacial outwash that generally consists of beds of well-sorted sand and gravel. This aquifer unit underlies the glacial till and interbedded aquifers described above. Although the lower sand and gravel aquifer is not widespread throughout southeastern Michigan, it is prevalent throughout the region of the Site where the outwash is in distinct channels. This unit is considered the most important aquifer in the region as it provides storage for large quantities of water that can be used for both residential and industrial supplies. The lower sand and gravel aquifer is considered to be protected from surface contamination by the more impervious overlying glacial till aquitards.

On a regional basis, the Coldwater Shale and the Bedford Shale are commonly considered nonproductive aquifers, typically yielding only small amounts of water. However, on a local basis, within parts of the region, the Coldwater Shale contains beds of sandstone. This occasional sandstone, and the Berea Sandstone where present, yield enough water for residential use. A more abundant water supply is found at impractical greater depths and with significant increases in mineral content. The bedrock water resources, like the more usable lower sand and gravel aquifer above them, are considered to be protected from surficial contamination.

1.4.3.1 AQUIFER DETERMINATION

In the area of the Site, perched groundwater is occasionally encountered at depths of approximately 10 to 20 feet bgs and is laterally discontinuous, and would most likely be considered Groundwater Not in an Aquifer (GWNIAA) under Michigan Act 451, Part 201; however, a GWNIAA determination has not been made for the Site. The shallow perched groundwater, to the extent that it is present, is not used on Site and is generally not utilized for water supply purposes in the Pontiac area. Water for potable and industrial uses is supplied by the City of Pontiac, with the exception that the City of Bloomfield, located south of the Site, uses groundwater supply wells. As a result, the groundwater pathway is reasonably expected to remain incomplete in the future.

1.4.4 SURFACE WATER BODIES

The Site is located within the Clinton River and Rouge River drainage basins. The Clinton River is located approximately 0.75 miles north of the Site while the Rouge River is located approximately 3.5 miles southeast of the Site. Several surface water bodies and intermittent drains are also located within a mile of the Site, including Crystal Lake, which is approximately a half mile to the west of the Site. There are no natural surface water bodies on the Site.

1.4.5 ENVIRONMENTALLY SENSITIVE AREAS

No environmentally sensitive areas (i.e., wetlands, parklands, etc.) exist on the Site. CRA obtained and reviewed the NWIM for Pontiac North, Michigan. No wetlands were mapped for the Site. A copy of the NWIM is presented in Appendix B.

1.4.6 ZONING OF SITE AND AREA

Based on the review of the City of Pontiac zoning map (August 26, 2005), the Site is zoned as P-1 (Parking) and M-2 (Heavy Manufacturing). The surrounding areas are zoned as M-2 (Heavy Manufacturing), R-1 (One Family Dwelling), R-2 (Two Family and Terrace Family Dwelling), C-1 (Local Business), and C-3 (Fringe CBD and Thoroughfare Frontage Business). A copy of a portion of the City of Pontiac zoning map is presented in Appendix C.

1.5 SITE HISTORY

The Site is a former parking lot and vacant area (Lots 49 to 120 of the Woodward Estates Subdivision) located at the southeast corner of Howland Street and South Boulevard in Pontiac, Michigan. The Site consists of approximately __ acres of land, including a paved former parking area and a vegetated area, which was historically utilized as a park by the City of Pontiac. Based on available information, the Site was purchased by GM from the City of Pontiac in 1944. According to individuals associated with the Site, the northern portion of the Site has always been used as a parking lot for GM employees since acquisition by GM. The southern portion of the Site is currently vacant vegetated land. Based on discussions with individuals associated with the Site and review of available information, this portion of the Site was historically leased by the City of Pontiac from GM for use as a playground (a/k/a South West Civic Park).

1.5.1 PAST OWNER HISTORICAL USE

Based on the review of available information and discussions with individuals associated with the Site, prior to development by GM, the Site was undeveloped land.

1.5.2 CURRENT OWNER HISTORICAL USE

The Site was reportedly purchased by GM from the City of Pontiac in 1944. According to individuals associated with the Site, the northern portion of the Site has always been used as a parking lot for GM employees since acquisition by GM.

1.5.3 CURRENT USE

The Site is currently vacant and unused.

1.5.4 CURRENT AND HISTORICAL USE OF ADJACENT SURROUNDING PROPERTIES

Current use of adjacent surrounding properties is as noted in Section 1.4.6. Historical use of the adjacent properties was unknown prior to development as residential, commercial, and industrial properties; however, it is assumed that these properties were vacant or agricultural land.

Residential and commercial properties are present adjacent to the west, east, and south of the Site, and industrial property to the north.

Based on discussions with individuals associated with the Site and the review of Sanborn Fire Insurance Maps, the adjacent property to the north of the Site has historically been operated as a foundry and automotive manufacturing facility. Numerous underground storage tanks were noted on the Sanborn maps, as well as several processes, which typically utilize petroleum products and solvents. Information regarding specific historical operations and chemical handling was not available for the entire developed timeframe of the adjacent property. Based on the review of the environmental database search results (see Section 2.0), the adjacent GM facility is listed in the RCRA-TSD Report, RCRA-LQG Report, CORRACTS, UST Database, and LUST Reports. It should be noted that the adjacent GM facility is associated with both an address of 200 South Boulevard West and 600 South Saginaw Street.

Based on the review of available information, the adjacent General Motors Pontiac Validation Center is PAOC No. 1. Locations of PAOCs and PAORs are presented on Figure 3.1.

1.6 REPORT ORGANIZATION

The remainder of this Phase I ESA is organized as follows:

- **Section 2.0 – Environmental Database Search and Historical Records Review** - presents the results of the environmental database searches, public records review, Sanborn map review, aerial photograph review, city directory review, topographic map review, and Site files review.
- **Section 3.0 – Site Reconnaissance** - presents the results of the Site inspection by issues (i.e. aboveground storage tanks, underground storage tanks, raw material usage, etc.).
- **Section 4.0 – Summary of Recognized Environmental Conditions** - presents a summary of the PAOCs and PAORs identified at the Site.
- **Section 5.0 – Conclusions** - presents the conclusions reached in the Phase I ESA based on the PAOCs and PAORs identified in Section 4.0.
- **Section 6.0 - Certification** - presents certification that this Phase I ESA has been completed according to good commercial and customary practices and in general accordance with ASTM Standard E1527-00.

- **Section 7.0 –References** - presents the sources of information used in the development of this Phase I ESA.

2.0 ENVIRONMENTAL DATABASES SEARCH AND HISTORICAL RECORDS SEARCH

2.1 ENVIRONMENTAL DATABASES SEARCH

CRA contracted Environmental Data Resources, Inc. (EDR) to conduct a search of federal and state environmental databases. Based on the location of the Site, the database searches were completed to assist in the identification of conditions at the Site and within a one-mile radius distance. A copy of the database search is included as Appendix D. The following databases were searched with the findings as follows:

2.1.1 FEDERAL DATABASES

1. **National Priority List (NPL) -** The NPL is a United States Environmental Protection Agency (U.S. EPA) listing of the nation's worst uncontrolled or abandoned hazardous waste sites. NPL Sites are targeted for possible long-term remedial action under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980. In addition, the NPL Report includes information concerning cleanup agreements between the U.S. EPA and potentially responsible parties, any liens filed against contaminated properties, as well as the past and current U.S. EPA budget expenditures tracked within the Superfund Consolidated Accomplishments Plan (SCAP).

   FINDING: According to the databases searched, the Site was not on the NPL. No sites within a one-mile radius of the Site were on the NPL.

2. **Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) –** The CERCLIS List contains data on potentially hazardous waste sites that may have been reported to the U.S. EPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the NPL and sites which are in the screening and assessment phase for possible inclusion on the NPL.

   FINDING: According to the databases searched, the Site was not on the CERCLIS List. No sites within a half-mile radius of the Site were on the CERCLIS List.

3. **No Further Remedial Action Planned Sites Report (NFRAP) –** As of February 1995, CERCLIS sites designated "No Further Remedial Action

Planned" have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 CERCLIS sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

FINDING: According to the databases searched, the Site was not listed in the NFRAP Sites Report. No adjacent sites were listed in the NFRAP Sites Report. One site within a half-mile radius of the Site was listed in the NFRAP Sites Report, this being Pontiac Medical Associates located at 44696 Woodward.

4. **Resource Conservation and Recovery Act (RCRA) –** Non-Corrective Action Treatment, Storage and Disposal (TSD) Facilities Report - The RCRA-TSD Report contains information regarding these facilities that either treat, store or dispose of U.S. EPA-regulated hazardous waste. The following information also is included in the RCRA-TSD Report: information regarding the status of facilities tracked by the RCRA Administrative Action Tracking System (RAATS); inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; and a complete listing of U.S. EPA-regulated hazardous wastes which are generated or stored on site.

   FINDING: According to the databases searched, the Site was not listed in the RCRA-TSD Report. One adjacent site was listed in the RCRA-TSD, this being General Motors Corporation located at 200 South Boulevard, which was listed as having a low corrective action priority status. No additional sites within a one-mile radius of the Site were listed in the RCRA-TSD Report.

5. **Resource Conservation and Recovery Act (RCRA) - Corrective Action (CORRACTS) Report -** The CORRACTS Report contains information pertaining to hazardous waste treatment, storage and disposal facilities (RCRA TSDs) which have conducted or are currently conducting corrective actions as regulated by the Resource Conservation and Recovery Act. The following information also is included in the CORRACTS Report: information regarding the status of facilities tracked by the RAATS; inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; information pertaining to

corrective actions undertaken by the facility or the U.S. EPA; and a complete listing of U.S. EPA-regulated hazardous wastes which are generated or stored on site.

FINDING: According to the databases searched, the Site was not listed in the CORRACTS Report. One adjacent site was listed in the CORRACTS Report, this being General Motors Corporation located at 200 South Boulevard. No additional sites within a one-mile radius of the Site were listed in the CORRACTS Report.

6. **Resource Conservation and Recovery Act - Large Quantity Generators (RCRA-LQG) Report -** The RCRA-LQG Report contains information regarding facilities that either generate more than 1,000 kilograms (kg) of U.S. EPA-regulated hazardous waste per month or meet other applicable requirements of RCRA. The following information also is included in the RCRA-LQG Report: information regarding the status of facilities tracked by the RAATS; inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; information pertaining to corrective actions undertaken by the facility or the U.S. EPA; and a complete listing of U.S. EPA-regulated hazardous wastes which are generated or stored on site.

   FINDING: According to the databases searched, the Site was not listed in the RCRA-LQG Report. One adjacent site was listed in the RCRA-LQG Report, this being General Motors Corporation located at 200 South Boulevard. No additional sites within a quarter-mile radius of the Site were listed in the RCRA-LQG Report.

   One site was listed in the RCRA-LQG Report, but could not be located by EDR with respect to the Site due to incomplete address information, this being Akzo Nobel Coatings, Inc. located at 120 Franklin, to the west of the Site.

7. **Resource Conservation and Recovery Act - Small Quantity Generators (RCRA-SQG) Report -** The RCRA-SQG Report contains information regarding facilities that either generate between 100 kg and 1,000 kg of U.S. EPA-regulated hazardous waste per month or meet other applicable requirements of RCRA. The following information also is included in the RCRA-SQG Report: information regarding the status of facilities tracked by the RAATS; inspections and evaluations conducted by Federal and State Agencies; all reported facility violations, the environmental statutes violated and any proposed and actual penalties; information pertaining to corrective actions undertaken by the facility

or the U.S. EPA; and a complete listing of U.S. EPA-regulated hazardous wastes which are generated or stored on site.

FINDING: According to the databases searched, the Site was not listed in the RCRA-SQG Report. No adjacent sites were listed in the RCRA-SQG Report. The following sites within a quarter-mile radius of the Site were listed in the RCRA-SQG Report:

Facility	***Address***
Consumers Energy – Franklin Substation	68 W. Wilson St.
Jerome Arnold Cadillac	675 S. Saginaw
Crestview Cadillac-Subaru	675 S. Saginaw
Detroit Edison Co.	761 S. Woodward
Minit Lube 1274	714 Woodward
Mult A Frame Corp.	366 S. Blvd. E.
Arnold Jerome Cadillac Subaru	815 Woodward Ave.
International Transmission Com.	44800 Woodward Ave.
Medical Associates, Inc.	44656 Woodward Ave.
Auto Clinic	44732 Woodward Ave.

The following sites were listed in the RCRA-SQG Report, but could not be located by EDR with respect to the Site due to incomplete address information:

Facility	***Address***
MI Dept/Transportation Bridge S01-63052	US-10 at Orchard Lake Rd.
Sunoco Service Station	7660 Highland Rd.
Minit Lube 1036	7585 Highland Rd.

8. **Emergency Response Notification System -** ERNS records and stores information on reported releases of oil and hazardous substances.

   FINDING: According to the databases searched, the Site was not listed in the ERNS.

9. **Toxic Chemical Release Inventory System (TRIS) -** The TRIS Database identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

   FINDING: According to the databases searched, the Site was not listed in the TRIS Database.

10. **Superfund (CERCLA) Consent Decrees List -** The Superfund (CERCLA) Consent Decrees List identifies major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. The Superfund (CERCLA) Consent Decree is released periodically by United States District Courts after settlement by parties to litigation matters.

    FINDING: According to the databases searched, the Site was not listed in the Superfund (CERCLA) Consent Decrees List. No sites within a one-mile radius of the Site were listed in the Superfund (CERCLA) Consent Decrees List.

11. **Record of Decision (ROD) -** ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

    FINDING: According to the databases searched, the Site was not listed in the ROD database. No sites within a one-mile radius of the Site were listed in the ROD database.

12. **Delisted NPL -** The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the U.S. EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425(e) sites may be deleted from the NPL where no further response is appropriate.

    FINDING: According to the databases searched, the Site was not listed on the delisted NPL. No sites within a one-mile radius of the Site were listed on the delisted NPL.

13. **Facility Index System (FINDS) -** FINDS contains both facility information and "pointers" to other sources that contain more detail. The following FINDS databases are included in this report: CERCLIS; RCRIS; PCS (Permit Compliance System); AIRS (Aerometric Information Retrieval System); FATES (FIFRA and TSCA Enforcement System); FTTS (FIFRA/TSCA Tracking System); DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes, FURS (Federal Underground Injection Control); FRDS (Federal Reporting Data System); SIA (Surface Impoundments); CICS (TSCA Chemicals in Commerce Information System); RCRA-J (medical waste transporters/disposers); and PADS (PCB Activity Data System).

    FINDING: According to the databases searched, the Site was not listed in the FINDS.

14. **Hazardous Materials Information Reporting System (HMIRS) -** The HMIRS contains hazardous material spill incidents reported to the Department of Transportation. The source of this database is the U.S. EPA.

    FINDING: According to the databases searched, the Site was not listed in the HMIRS.

15. **Material Licensing Tracking System (MLTS) -** The MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements.

    FINDING: According to the databases searched, the Site was not listed in the MLTS.

16. **Mines Master Index File (MINES) -** The MINES is maintained by the Department of Labor, Mine Safety and Health Administration.

    FINDING: According to the databases searched, the Site was not listed in the MINES. No sites within a quarter-mile radius of the Site were listed in the MINES.

17. **NPL Recovery -** Under the authority granted the U.S. EPA by CERCLA of 1980, the U.S. EPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. U.S. EPA compiles a listing of filed notices of Superfund Liens.

    FINDING: According to the databases searched, the Site was not listed in the NPL Recovery.

18. **PCB Activity System (PADS) -** PADS identifies generators, transporters, commercial stores and/or brokers and disposers of PCBs who are required to notify the U.S. EPA of such activities.

    FINDING: According to the databases searched, the Site was not listed in the PADS.

19. **RCRA Administrative Action Tracking System (RAATS) - RAATS** contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the U.S. EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. The U.S. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in

agency resources made it impossible to continue to update the information contained in the database.

FINDING: According to the databases searched, the Site was not listed in the RAATS.

20. **Toxic Substances Control Act (TSCA) List –** The TSCA List identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

FINDING: According to the databases searched, the Site was not listed on the TSCA List.

21. **FIFRA/TSCA Tracking System (FTTS) –** FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act) over the previous five years.

FINDING: According to the databases searched, the Site was not listed in the FTTS.

2.1.2 STATE DATABASES

1. **Underground Storage Tank (UST) Database** – USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program.

FINDING: According to the databases searched, the Site was not listed in the UST Database. One adjacent site was listed in the UST Database, this being Pontiac West Assembly located at 600 South Saginaw (status not reported). The following additional sites within a quarter-mile radius of the Site were listed in the UST Database:

Facility	*Address*	*Number of Tanks*	*Status*
Pontiac Fuel, Inc.	45054 Woodward Rd.	12	Removed
		3	CIU
Minit-Lube	714 Woodward	1	Removed

CIU – Currently In Use

The following sites were listed in the UST Report, but could not be located by EDR with respect to the Site due to incomplete address information:

Facility	***Address***
Pepsi-Cola Pontiac Warehouse	960 Featherstone St.
Woodward Office Plaza	800 Woodward Ave.
Speedy Muffler King	810 Woodward Ave.

2. **Leaking Underground Storage Tank Sites (LUST) Report -** The LUST Report contains an inventory of reported leaking underground storage tank incidents.

FINDING: According to the databases searched, the Site was not listed in the LUST Report. One adjacent site was listed in the LUST Report, this being Pontiac West Assembly located at 600 South Saginaw Street (status not reported). The following additional sites within a half-mile radius of the Site were listed in the LUST Report:

Facility	***Address***	***Status***
Pontiac Fuel, Inc.	45054 Woodward Rd.	Open
Gaukler Storage, Co.	400 South Blvd. E	Closed
Pontiac Station #2	348 South Blvd. W	Open
St. Joseph Mercy Hospital	44405 Woodward Ave.	Closed
Truck Center	554 Franklin Rd.	Open

The following sites were listed in the LUST Report, but could not be located by EDR with respect to the Site due to incomplete address information:

Facility	***Address***
Pepsi-Cola Pontiac Warehouse	960 Featherstone St.
Woodward Office Plaza	800 Woodward Ave.
Speedy Muffler King	810 Woodward Ave.

3. **Solid Waste Facility List -** The Solid Waste Facility List contains an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

FINDING: According to the databases searched, the Site was not on the Solid Waste Facility List. No sites within a half-mile radius of the Site were on the Solid Waste Facility List.

4. **State Hazardous Waste Sites List –** State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS List. Priority sites planned for cleanup using state funds are identified along with sites where cleanup will be paid for by the potentially responsible parties.

   FINDING: According to the databases searched, the Site was not on the State Hazardous Waste Sites List. No sites within a one-mile radius of the Site were on the State Hazardous Waste Sites List.

   The following sites were on the State Hazardous Waste Sites List, but could not be located by EDR with respect to the Site due to incomplete address information:

Facility	***Address***
Shell Dry Well	1415 Telegraph/Golf
GM Truck and Bus Pontiac Central	660 South Boulevard East
Asphalt Specialist, Inc.	1908 Wide Track Drive

5. **Baseline Environmental Assessment (BEA) Database – The** BEA Database is provided by the Michigan Department of Environmental Quality (MDEQ). BEAs are used to gather enough information about the property being transferred so that existing contamination can be distinguished from any new releases that might occur after the new owner or operator takes over the property.

   FINDING: According to the databases searched, the Site was not listed in the BEA Database. No adjacent sites were listed in the BEA Database. The following sites within a half-mile radius of the Site were listed in the BEA Database:

Facility	***Address***
Parts Packaging	391 E. Wilson Avenue
Heat Treat Services, Inc.	245 South Boulevard
Light Industrial Building	554 Franklin Road

   The following sites were listed in the BEA Database, but could not be located by EDR with respect to the Site due to incomplete address information:

Facility	***Address***
Kaltar Corporation	Not Reported
Pontiac Holdings, LLC	25 Acre Vacant Property

Landstone Pontiac Partners, LLC City of Pontiac	SE Corner of Sanderson Ave. Vacant 9-acre Property NE Corner
Rally's Restaurant (former)	684 North Martin Luther King Blvd.

6. **State NPL Sites List –** State NPL site records are the states' equivalent to the Federal NPL.

   FINDING: The State of Michigan does not maintain a State NPL Sites List.

Based on the review of the environmental database search results, the listing of the adjacent GM facility in the RCRA-TSD Report, RCRA-LQG Report, CORRACTS, UST Database, and LUST Reports is PAOC No. 1. No PAORs were identified associated with the Site or surrounding properties. Locations of PAOCs and PAORs are presented on Figure 3.1. It should be noted that the adjacent GM facility is associated with both an address of 200 South Boulevard West and 600 South Saginaw Street.

2.2 PUBLIC RECORD REVIEW RESULTS

Public records reviewed during this Phase I ESA include those presented in Section 2.1, which were reviewed during the environmental database search; the City of Pontiac zoning map, as presented in Section 1.4.6; Sanborn maps, as presented in Section 2.3.1; historical aerial photographs as presented in Section 2.3.3; topographic maps, as presented in Section 2.3.4; city directories, as presented in Section 2.3.5; and the NWIM, as presented in Section 1.4.5.

2.2.1 U.S. EPA

The U.S. EPA was not contacted during this Phase I ESA. No information reviewed in the environmental database search, historical records review, or during the on-Site records review warranted contacting the U.S. EPA for additional information regarding the Site.

2.2.2 STATE AGENCY

The MDEQ was not contacted during this Phase I ESA. No information reviewed in the environmental database search, historical records review, or during the on-Site records review warranted contacting the MDEQ for additional information regarding the Site.

2.2.3 LOCAL MUNICIPALITY

The City of Pontiac zoning map was reviewed on the website for the local municipality (see Section 1.4.6). A portion of the local zoning map is presented in Appendix C.

2.3 HISTORICAL RECORDS REVIEW

2.3.1 SANBORN FIRE INSURANCE MAPS

Sanborn Fire Insurance Maps assist in the identification of historic land use and commonly indicate the existence and location of aboveground and underground storage tanks, structures, improvements and facility operations. Sanborn maps were available for the Site and portions of the surrounding properties, and were reviewed by CRA for the years 1909, 1915, 1919, 1924, 1950, and 1970. A copy of the results of the Sanborn map search is presented in Appendix E.

On the 1909 Sanborn map, there is no coverage for the Site or the adjacent properties. The Welch Motor Car Company is present to the northeast of the Site, across South Saginaw (currently Woodward Avenue).

On the 1915 Sanborn maps, there is no coverage for the Site. The General Motors Truck Company (manufacturers of gasoline and electric trucks) is present to the north of the Site, across South Boulevard and Wilson Avenue. Residential dwellings and a boarding house are present to the east of the GM plant, along South Saginaw. The former Welch Motor Car Company is now identified as Northway Motor and Manufacturing Company Plant No. 2 (manufacturers of gasoline motors). The Pontiac Drop Forge Company and Wilson Foundry and Machine Company are present to the north of the Site, to the north of South Boulevard and to the south of West Foot (currently West Wilson Avenue). Residential dwellings are present along West Foot.

On the 1919 Sanborn maps, there is no coverage for the Site. The Wilson Foundry and Machine Company, Pontiac Drop Forge Company, Detroit Weather Proof Body Company, and residential properties are present to the north of the Site, across South Boulevard. The former Northway Motor and Manufacturing Company Plant No. 2 are currently identified as M.D. Hubbard Spring Company (manufacturers of coiled wire springs) and the Sampson Tractor Division of the General Motors Company.

On the 1924 Sanborn maps, the Site is shown as vacant land, with no structures present. The adjacent properties to the south are also vacant land, with no structures present,

with residential dwellings present to the west. No coverage is available for the properties to the east of the northern portion of the Site. Howland Avenue is present to the west of the Site, with Hillsmont Avenue and Pleasant View Drive present to the east/southeast. The Michigan Drop Forge Company (previously identified as Pontiac Drop Forge Company), the Wilson Foundry & Machine Company, a church, and residential dwellings are present to the north of the Site, south of Wilson Avenue. Additional structures have been constructed on these properties. Several gas tanks, an incinerator, and various manufacturing operations are identified to be associated with these properties. General Motors Corporation Truck Division is present to the north of Wilson Avenue, along with Fire Department Fire Station No. 2. Tanks are shown to be associated with these properties.

On the 1950 Sanborn maps, the Site is shown as vacant land, with no structures present. The adjacent properties to the west and south of the Site consist of residential dwellings. The properties to the north appear to remain essentially unchanged from the 1924 Sanborn maps. No coverage is available for the properties to the east of the northern portion of the Site.

On the 1970 Sanborn maps, the Site is identified as "Parking G.M.", with no structures present. Adjacent properties to the east, west, and south consist of residential dwellings and vacant land. No coverage is available for the properties to the east of the northern portion of the Site. The properties to the north of the Site appear essentially unchanged from the 1950 Sanborn map.

2.3.2 PROPERTY TITLE SEARCH

An historical property title search was not in the scope of this assessment.

2.3.3 AERIAL PHOTOGRAPHS

Aerial photographs were reviewed to document the general development of the Site and properties in the vicinity of the Site and to identify potential on-Site solid waste disposal areas, fill areas, and any other suspect activities or developments. Aerial photographs of the Site and surrounding areas were obtained for the years 1940, 1949, 1957, 1964, 1972, 1980, 1993, and 2000 from EDR. All aerials were reviewed at a scale of one inch equals 500 feet, with the exception of the 1972 and 1993 aerial photographs, which were reviewed at a scale of one inch equals 600 feet. Copies of the aerial photographs are presented in Appendix F.

The 1940 aerial photograph depicts the Site as vacant land, with some unpaved trails at various locations. South Boulevard is present to the north of the Site and Howland Avenue is present to the west of the Site. Nebraska Avenue is present to the south of the Site, with Hillsmont Avenue present to the east. Beyond Howland Avenue, the properties consist of residential-type structures. The properties to the south and east of the Site appear to primarily consist of vacant land with some residential-type structures. Several industrial-type structures are present to the north of the Site, across South Boulevard. Woodward Avenue/Saginaw Street is present to the east of the Site.

The 1949 aerial photograph depicts the northern portion of the Site as being used as a parking lot. The southern portion of the Site appears to be vacant and unused, with unpaved roadways. Portions of the southern portion of the Site appear to not be vegetated. The properties to the east and south of the Site have been partially developed with residential-type structures. Additional industrial development has occurred on the property to the north of the Site.

The 1957 aerial photograph depicts the entire Site as vacant land, with no roadways or trails. The adjacent properties to the west, east, and south of the Site appear to primarily consist of residential-type structures, with some small commercial-type structures. Additional development appears to have been conducted on the adjacent property to the north of the Site.

The 1964 aerial photograph depicts the northern portion of the Site as a parking lot. The southern portion of the Site is vacant land, with some unvegetated areas, which might include a baseball field. The adjoining properties appear to remain essentially unchanged from the 1957 aerial photograph.

The 1972 and 1980 aerial photographs depict the Site and adjacent properties as essentially unchanged from the 1964 aerial photograph, with the exception of the demolition of some of the industrial structures to the north of the Site.

The 1993 aerial photograph depicts the northern portion of the Site as essentially unchanged from the 1980 aerial photograph. The baseball field is no longer present on the southern portion of the Site, with an area of surficial scarring present. Additional industrial-type structures have been removed from the adjacent property to the north of the Site.

The 2000 aerial photograph depicts the Site essentially in its current configuration, with the parking lot comprising the northern portion and vegetated vacant land comprising the southern portion. Vegetation is present along the property boundaries. The adjacent properties appear to be essentially unchanged from the 1993 aerial photograph.

Based on the review of available aerial photographs, no PAOCs or PAORs were identified associated with the Site and adjoining properties.

2.3.4 HISTORICAL TOPOGRAPHIC MAPS

Historical topographic maps were reviewed to assist in the identification of historic land use, to document the general development of the Site and properties in the vicinity of the Site, and to identify potential on-Site fill activities. The 1907, 1943, 1952, 1968, 1973 (1968 photorevised), 1983 (1968 photorevised) and 1997 historical topographic maps were obtained from EDR and were reviewed by CRA. All topographic maps were reviewed at a scale of 1:24,000, with the exception of the 1907 topographic map, which was reviewed at a scale of 1:62,500. Copies of available historical topographic maps are presented in Appendix G.

On the 1907 topographic map, no structures are identified on the Site. South Boulevard is present to the north of the Site. Woodward Avenue and the Detroit and Pontiac Electric Railroad are present to the east of the Site. Franklin Street is present to the west of the Site. Residential-type structures are identified in the surrounding area, with a larger industrial-type structure present to the north of the Site.

On the 1943 topographic map, no structures are identified on the Site. A road is present across the Site, traversing it in an east-west direction. An industrial-type complex is present to the north of the Site, across South Boulevard. Structures are not identified on the other adjoining properties; however, due to the scale and density of the area, structures may have been present that are not shown.

On the 1952 topographic map, no structures are identified at the Site; however, due to the scale and density of the area, structures may have been present that are not shown. Additional industrial-type structures have been constructed to the north of the Site. The remainder of the adjoining properties appear unchanged from the 1943 topographic map.

On the 1968 topographic map, no structures are identified on the Site, and it appears that the southern portion of the Site may be used as a park. Commercial-type structures

are present to the east of the Site, along Woodward Avenue. The remaining adjoining properties appear unchanged from the 1952 topographic map.

On the 1973 (1968 photorevised), 1983 (1968 photorevised), and 1997 topographic maps, the Site and surrounding area appear essentially unchanged, with the exception of additional commercial-type development along Woodward Avenue and additions to the industrial complex structures to the north of the Site.

Based on the review of available historical topographic maps, no PAOCs or PAORs were identified associated with the Site and adjoining properties.

2.3.5 CITY DIRECTORY SEARCH

Based on the fact that the Site is vacant, a city directory search was not conducted for the Site. A city directory search was conducted by EDR for the adjacent property address of 200 South Boulevard West from the earliest available directory to the present. A City Directory Search was also conducted for surrounding properties during the time periods from 1920 to 2006. Available directories were reviewed at approximately five-year intervals starting in 1920 and ending in 2006. The results of the city directory search are presented in Appendix H.

Based on the review of available city directories, no PAOCs or PAORs were identified associated with the Site and adjoining properties.

2.4 SITE FILES

Site files were reviewed at the PCC-VC plant engineering offices or were obtained from GM. The file review was performed by CRA between June and August 2006. Additionally, copies of available files were made and reviewed during the development of this report.

2.4.1 FILES

Files available for review included all of the written files maintained by the plant engineering department and those files provided by the GM Worldwide Facilities Group Remediation Team. After extensive work to retrieve, identify and consolidate the files, the files reviewed in the plant engineering department included files regarding USTs,

raw materials, PCBs, solid waste, hazardous waste, asbestos, air emissions, wastewater discharges, spills, releases, and various environmental reports. Files reviewed at the Site were historical environmental files and included information from the early 1970s to 2006.

The following reports were available for the Site and were reviewed by CRA:

- *Soil Sampling Program, Truck & Bus Central Office, Plant & Environmental Engineering, Truck & Bus Group, General Motors Corporation, Pontiac, Michigan* prepared by Swanson Environmental, Inc. (Swanson) and dated September 20, 1985; and
- *Magnetometer Survey, Playground* prepared by Cousins Environmental Services (Cousins) and dated December 3, 1990.

Soil Sampling Program, Swanson, September 20, 1985

The soil sampling program was conducted to evaluate potential lead impacts to soil at the former playground portion of the Site. The scope of work for the soil sampling program included the collection of surficial soil samples for lead analysis. The playground was divided into nine sections and one soil sample was collected from each section from the 0 to 0.5-foot interval. The results of the activities indicated that the concentrations of lead detected in the soil samples ranged from 31 milligrams per kilogram (mg/kg) to 116 mg/kg, which is below the current Michigan Act 451, Part 201 Generic Residential and Commercial I Direct Contact Criterion of 400 mg/kg.

Magnetometer Survey, Cousins, December 3, 1990

The magnetometer survey was conducted using a nuclear precession magnetometer over a twenty-foot grid pattern. A steel plate, approximately two feet by two feet, was identified to be present in the central portion of the Site. Additionally, an asphalt pad, approximately thirty feet by fifty feet, was identified in the southeast portion of the Site.

Several anomalies, equal in field strength to the aforementioned steel plate, were noted during the implementation of the magnetometer survey. Cousins indicated "Unless G.M. has reason to be concerned about relatively small objects further investigation on this site is probably not warranted".

Based on the review of the previous reports, the anomalies identified during the magnetometer survey are PAOC No. 2. No PAORs were identified associated with the file review. Locations of PAOCs and PAORs are presented on Figure 3.1.

2.4.2 VARIOUS CORRESPONDENCE /OTHER DOCUMENTATION

Various correspondence and other documentation were reviewed and are summarized as applicable in Section 3.0.

2.4.3 DRAWINGS

Numerous drawings were reviewed by CRA during the Site investigation. Drawings were reviewed to determine utility locations, current and historical locations of waste handling/storage areas, current and historical locations of chemical storage areas, current and historical locations of ASTs and USTs, and locations of sumps, pits, and trenches.

2.4.4 PERMITS

According to individuals associated with the Site, the Site is covered under the stormwater permit for the adjacent GM PCC-VC (see Section 3.11). The permit maintained by the Site was reviewed during the Site inspection and file review.

3.0 SITE RECONNAISSANCE

The Site inspection was performed by Ms. Jennifer Quigley of CRA on July 31, 2006. The Site inspection included an inspection of the Site, observations of surrounding properties as viewed from the Site and surrounding roadways, discussions with various individuals associated with the Site, and a review of available documentation associated with the Site. Site photographs were taken during the Site inspection and are presented in Appendix I.

3.1 SPECIAL PROCESSES AND EQUIPMENT

Based on discussions with individuals associated with the Site, observations made during the Site inspection and review of available information, there are currently no special processes or equipment associated with the Site.

Based on discussions with individuals associated with the Site, no historical operations, including special processes and equipment, were utilized on the Site.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with special processes and equipment.

3.2 UTILITY SERVICES

According to individuals associated with the Site, no utility services are currently provided to the Site, with the exception of storm sewer service. However, there are electrical service towers on the Site, and two pole-mounted transformers provide power to adjacent property owners via an underground service line through the lower (northern) parking lot.

Electricity and natural gas in the vicinity of the Site are provided by DTE and Consumers Energy Company, respectively.

Potable water is supplied in the vicinity of the Site by the City of Pontiac. According to individuals associated with the Site and based on observations during the Site inspection, no water supply, monitoring, or dry wells are currently present at the Site.

No sanitary wastewater is generated at the Site. According to individuals associated with the Site, there are no on-Site septic systems and no evidence of a septic system was observed by CRA during the Site inspection.

Stormwater generated at the Site infiltrates undeveloped Site surfaces or flows via sheetflow at the Site to catchbasins, which eventually discharge to Crystal Lake and the Clinton River.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with utility services.

3.3 UNDERGROUND STORAGE TANKS (USTs)

Individuals associated with the Site were unaware of any current or historical USTs operated at the Site. CRA did not observe any physical evidence (e.g., vent pipes, fill ports, etc.) of USTs during the Site inspection. The Site was not listed in the UST or LUST databases as having USTs or releases therefrom.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with USTs.

3.4 ABOVE GROUND STORAGE TANKS (ASTs)

According to individuals associated with the Site and available information, no ASTs are currently present or have historically existed at the Site. No evidence of any current or historic ASTs (e.g., foundations, pipes, etc.) was observed by CRA personnel during the Site inspection.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with ASTs.

3.5 RAW MATERIAL USAGE AND STORAGE

According to individuals associated with the Site and based on observations made during the Site inspection, there is currently no use or storage of raw materials on Site.

There are no agricultural chemicals stored on Site. The Site may have been historically utilized as agricultural land. Agricultural chemicals, such as fertilizers, herbicides, and pesticides may have been used if the Site was cultivated farmland. The types of chemicals used, storage methodology, and the application rates could not be determined. However, if chemicals were applied in accordance with manufacturer specifications, residuals remaining in Site soils should not be a concern based on current Site use.

Based on the information reviewed during the Phase I ESA, there are no PAOCs or PAORs associated with raw material use and storage.

3.6 SOLID WASTE HANDLING/STORAGE AND DISPOSAL

According to individuals associated with the Site and based on observations made during the Site inspection, no solid waste is currently handled, stored, or disposed of at the Site.

According to Site personnel, no on-Site disposal of solid waste has occurred at the Site. No evidence of the on-Site disposal of solid waste was observed by CRA during the Site inspection.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with solid waste handling/storage and disposal.

3.7 HAZARDOUS WASTE HANDLING/STORAGE AND DISPOSAL

According to individuals associated with the Site and based on observations made during the Site inspection, no hazardous waste is currently handled, stored, or disposed at the Site. The Site is not listed in the environmental database search results as a hazardous waste generator, or treatment, storage, or disposal facility, or as the subject of a RCRA corrective action.

According to Site personnel, no on-Site disposal of hazardous waste has occurred at the Site. No evidence of the on-Site disposal of hazardous waste was observed by CRA during the Site inspection.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with hazardous waste handling/storage and disposal.

3.8 POLYCHLORINATED BIPHENYLS (PCBs)

Based on observations during the Site inspection, two pole-mounted transformers are present at the Site. According to individuals associated with the Site, these transformers are owned by the local electrical supplier, DTE. The transformers were not observed to be labeled as to PCB content. No staining or distressed vegetation was observed by CRA. As the owner of the transformers, DTE would be responsible for maintaining the equipment, responding to any release incidents, and conducting inspections, as applicable under TSCA.

According to individuals associated with the Site, observations during the Site inspection, and review of available information, there are currently and were historically no capacitors, ballasts, or other fluid containing equipment present at the Site, besides the aforementioned transformers.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with PCBs.

3.8 ASBESTOS CONTAINING MATERIAL (ACM)

An ACM survey was not conducted as part of this Phase I ESA.

The Site is vacant and no structures are located at the Site. CRA did not observe any physical evidence of ACM during the Site inspection.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with ACM.

3.10 INDUSTRIAL WASTEWATER/SANITARY SEWERS

According to individuals associated with the Site, based on observations made during the Site inspection, and review of available information, there is currently no industrial or sanitary wastewater generated at the Site. Based on discussions with individuals associated with the Site, no industrial process lines are currently or were historically present at the Site.

Based on the review of available documentation and discussions with individuals associated with the Site, sanitary sewer lines are present beneath the existing streets that are adjacent to the Site.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with industrial wastewater/sanitary sewer system.

3.11 STORMWATER

Stormwater generated at the Site consists of precipitation and run-off from the hard surface areas. Stormwater infiltrates undeveloped Site surfaces or flows via sheetflow at the Site to catchbasins, which eventually discharge to Crystal Lake and the Clinton River.

Based on discussions with individuals associated with the Site and the review of available information, the Site is covered under a National Pollutant Discharge Elimination System (NPDES) General Permit (Permit No. MIS119000) (Stormwater Permit) Certificate of Coverage (COC) (COC No. MIS110423). The Stormwater Permit was effective April 27, 2006 and expires on April 1, 2011. The COC was effective April 27, 2006. The Stormwater Permit and COC cover the adjacent GM PCC-VC and the Site.

The Site maintains a Stormwater Pollution Prevention Plan (SWPPP), as required under the Stormwater Permit. The SWPPP covers 9 outfalls from the PCC-VC, none of which are located on the Site.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with stormwater.

3.12 AIR EMISSIONS

According to individuals associated with the Site and based on observations made during the Site inspection, the Site currently has no air emissions sources.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with air emissions.

3.13 PAINTING SYSTEMS

Based on observations during the Site inspection and discussions with Site personnel, no painting systems are present at the Site.

Based on information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with painting systems.

3.14 IONIZING RADIATION

No labeled sources of ionizing radiation (e.g., fill level controllers) were observed by CRA personnel during the Site inspection.

The U.S. EPA has determined that Oakland County has a predicted average indoor screening level for radon gas to be greater than or equal to 2 pCi/L and less than or equal to 4 pCi/L, which is below the residential screening level of 4 pCi/L recommended by U.S. EPA. The Site will likely remain industrially or commercially zoned, and there are currently no basements located at the Site.

Based on the information reviewed during the Phase I ESA, there are no PAOCs or PAORs associated with ionizing radiation.

3.15 PERMITS

According to Site personnel and information reviewed, the Site maintains a stormwater discharge permit.

The Site is covered under the stormwater discharge permit from the MDEQ for the adjacent PCC-VC (see Section 3.11).

Based on the information reviewed during the Phase I ESA, there are no specific PAOCs or PAORs associated with permits.

3.16 SPILL REPORTS/RELEASES

According to Site personnel and based on information reviewed, there have not been any reportable spills/releases at the Site. The Site was not listed in the ERNS.

Based on information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with spills/releases at the Site.

3.17 EMPLOYEE RIGHT TO KNOW (ERTK)/HEALTH AND SAFETY

No hazardous substances or maintenance products are used or stored at the Site. The Site is vacant and ERTK/Health and Safety issues are not applicable.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with ERTK/health and safety.

3.18 SARA TITLE III – EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT (EPCRA)

The Site has not made any notifications under Sections 311, 312, or 313 of EPCRA. No chemicals were identified at the Site; therefore, the Site is not subject to reporting pursuant to EPCRA.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with EPCRA.

3.19 WELLS

According to individuals associated with the Site and based on information reviewed, there are no water supply wells, dry wells, or monitoring wells at the Site.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with wells.

3.20 LEAD-BASED PAINT (LBP)

A LBP survey was not conducted as part of this Phase I ESA.

The Site is vacant and no structures or painted surfaces, except for fencing and parking lot stripes, are located at the Site. CRA did not observe any physical evidence of LBP during the Site inspection.

Based on the review of available documentation, the southern portion of the Site was historically utilized as a playground (a/k/a South West Civic Park). Based on the review of available information in 1985, a lawsuit was brought against GM and the City of Pontiac for lead-related health issues in a child, which were alleged to be attributed to soil and/or painted playground equipment at the playground. A lead investigation was conducted by Swanson Environmental (Swanson), which identified lead concentrations in soil at a maximum concentration of 116 mg/kg. Samples of paint from the child's residence, the playground equipment, and soils at both the child's residential yard and the playground were collected by various parties (i.e., GM, the City of Pontiac, the Oakland County Health Department, etc.) for analysis for lead. Based on the results for the soil samples, lead was detected at concentrations below the current Michigan Act 451, Part 201 Generic Residential and Commercial I Direct Contact Criterion of 400 mg/kg. Based on the results of the Swanson investigation, GM disputed that the lead-related health issues were associated with lead in the Site soils. The case was resolved on February 27, 1987 through a consent judgment, release, and satisfaction of judgment. It should be noted that the case was settled without admitting liability.

Based on the information reviewed during the Phase I ESA, no PAOCs or PAORs were identified associated with LBP.

4.0 SUMMARY OF ENVIRONMENTAL CONDITIONS

4.1 PAOCS

Based on the Phase I Environmental Site Assessment, including the Site inspection, information provided by individuals associated with the Site, documents reviewed, and the environmental database searches, the following PAOCs were identified at the Site:

1. **Adjacent Property:** The GM PCC-VC is located adjacent to the north of the Site. The GM PCC-VC is listed in the environmental database search results in the RCRA-TSD Report, the CORRACTs (low priority corrective action status), the RCRA-LQG Report, the UST Database, and the LUST Report. Based on the review of available Sanborn Fire Insurance maps, the adjacent property to the north of the Site has historically been operated as a foundry and automotive manufacturing facility. Numerous underground storage tanks were noted on the Sanborn maps, as well as several processes, which typically utilize petroleum products and solvents. Information regarding specific historical operations and chemical handling was not available for the entire developed timeframe of the adjacent property.

2. **Magnetometer Survey Anomalies:** Based on the review of a magnetometer survey report previously completed at the Site, several small anomalies were noted throughout the southern portion of the Site, which is currently vacant vegetated land and was historically a playground.

4.2 PAORS

Based on the Phase I Environmental Site Assessment, including the Site inspection, information provided by Individuals associated with the Site, documents reviewed, and the environmental database searches, no PAORs were identified at the Site.

4.3 ADDITIONAL POTENTIAL ENVIRONMENTAL ISSUES

Based on the Phase I Environmental Site Assessment, including the Site inspection, information provided by Individuals associated with the Site, documents reviewed, and the environmental database searches, no other potential environmental issues were identified at the Site.

5.0 CONCLUSIONS

A Phase I ESA was conducted for the former parking lot and vacant area (Lots 49 to 120 of the Woodward Estates Subdivision) located at the southeast corner of Howland Street and South Boulevard in Pontiac, Michigan. The Phase I ESA identified the following two PAOCs and no PAORs or other environmental issues, as presented in Section 4.0.

PAOCs

1. Adjacent Property
2. Magnetometer Survey Anomalies

6.0 CERTIFICATION

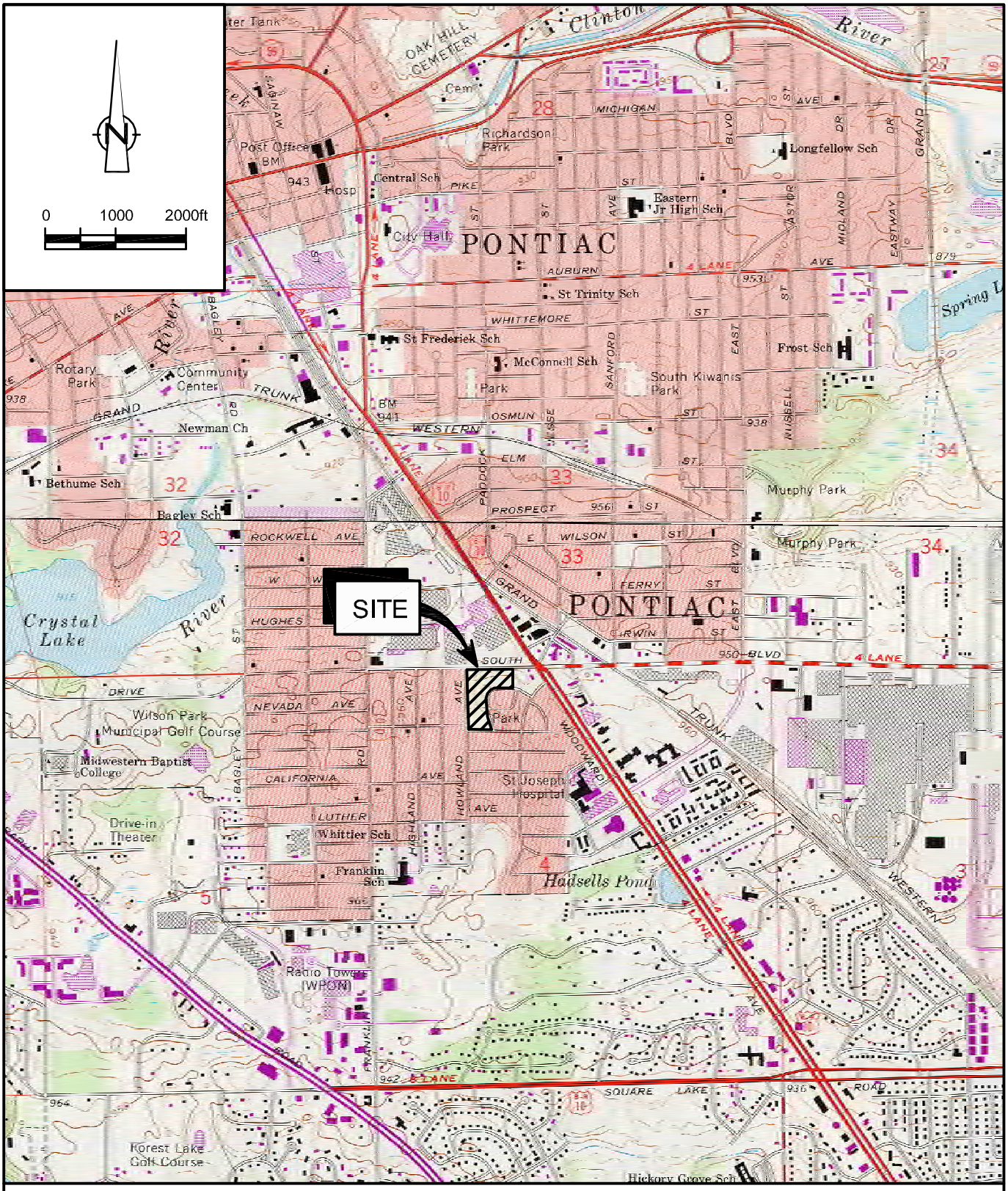
We certify that this Phase I ESA has been completed in accordance with good commercial and customary practices in accordance with GM specifications and in general accordance with the ASTM Standard E1527-00 for conducting environmental assessments.

Jennifer L. Quigley

for: Brian C. Boevers

7.0 REFERENCES

- ASTM Standard E1527-00, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process;
- The EDR Radius Map with GeoCheck®, South Boulevard and Howland Street, Pontiac, Michigan, EDR, June 29, 2006;
- The EDR Aerial Photograph Decade Package, South Boulevard and Howland Street, Pontiac, Michigan, EDR, June 30, 2006;
- Sanborn® Map Report, South Boulevard and Howland Street, Pontiac, Michigan, EDR, June 29, 2006;
- The EDR City Directory Abstract, South Boulevard and Howland Street, Pontiac, Michigan, EDR, July 5, 2006;
- EDR Historical Topographic Map Report, South Boulevard and Howland Street, Pontiac, Michigan, EDR, June 29, 2006;
- National Wetlands Inventory Map, Pontiac North and South, Michigan;
- Zoning Map, City of Pontiac, Michigan, August 26, 2005;
- *Soil Sampling Program, Truck & Bus Central Office, Plant & Environmental Engineering, Truck & Bus Group, General Motors Corporation, Pontiac, Michigan* prepared by Swanson Environmental, Inc. (Swanson), September 20, 1985; and
- *Magnetometer Survey, Playground* prepared by Cousins Environmental Services, December 3, 1990.



SOURCE: USGS QUADRANGLE MAP;
PONTIAC NORTH & SOUTH, MICHIGAN

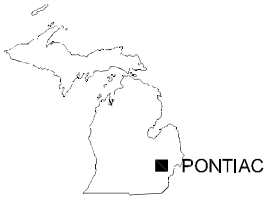


figure 1.1

SITE LOCATION
SOUTH PARKING LOT
Pontiac, Michigan

17322-00(002)GN-DE001 AUG 13/2007

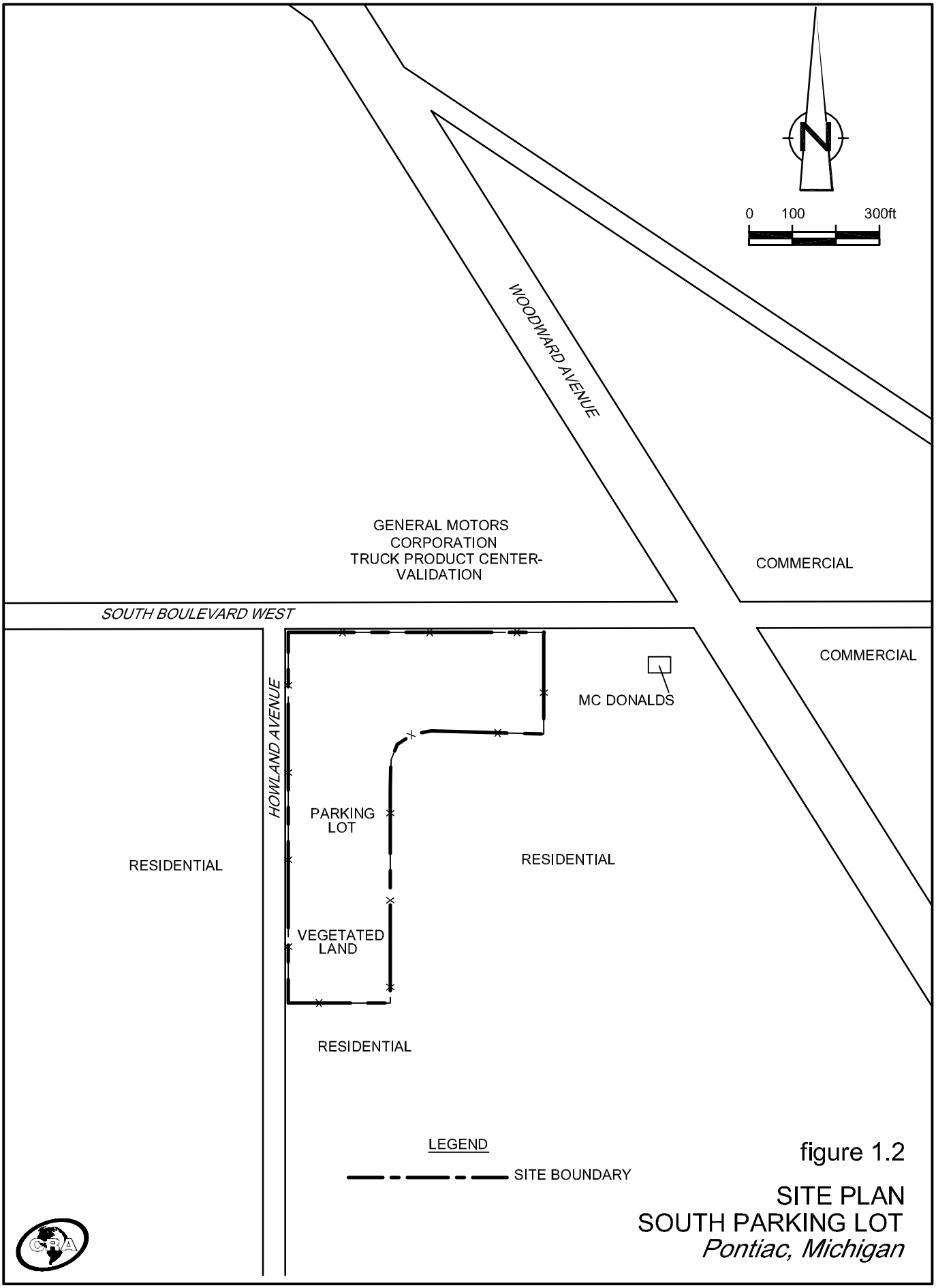


figure 1.2

SITE PLAN
SOUTH PARKING LOT
Pontiac, Michigan

17322-00(002)GN-DE003 AUG 13/2007

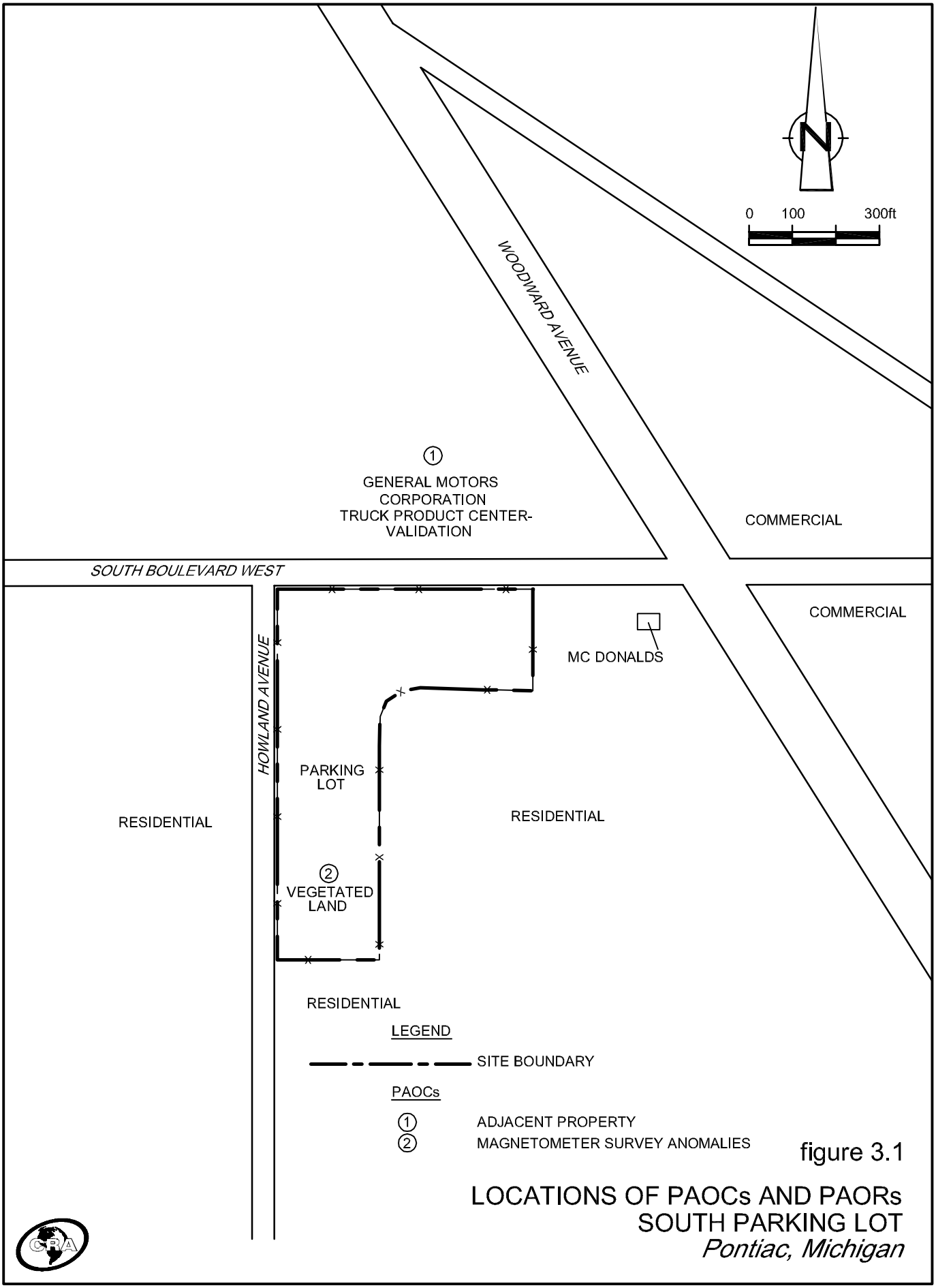


figure 3.1

LOCATIONS OF PAOCs AND PAORs
SOUTH PARKING LOT
Pontiac, Michigan

17322-00(002)GN-DE004 AUG 13/2007

APPENDIX A

ASSESSOR'S QUALIFICATIONS

BRIAN C. BOEVERS, B.S., M.B.A.

EDUCATION

B.S.	St. John's University, Collegeville, Minnesota, 1977, Cum Laude
M.B.A.	College of St. Thomas, St. Paul, Minnesota, 1986

EMPLOYMENT

1995 - Present	Principal, Minnesota Branch Manager Conestoga-Rovers & Associates
1993-95	Associate, Minnesota Branch Manager, Conestoga-Rovers & Associates
1988-92	Project Manager, Minnesota Branch Manager, Conestoga-Rovers & Associates
1985-88	Remedial Project Manager, Honeywell Defense Systems Group
1983-85	Senior Environmental Engineer, Honeywell Defense Systems Division
1981-83	Environmental Engineer, Honeywell Defense Systems Division
1979-81	Project Manager, U.S. Army Toxic and Hazardous Materials Agency
1978-79	Chemical Staff Officer, Department of the Army, Project Manager for Chemical Demilitarization and Installation Restoration
1977-78	Ordnance Officer, Munitions Materiel Management, U.S. Army

PROFILE OF PROFESSIONAL ACTIVITIES

Remedial Investigations/Site Investigations/RCRA Facility Investigations and Feasibility Studies

- Served as Project Manager for all aspects from work plan development through final report preparation for investigation of the following facilities:
  - Electronic component manufacturing plant - New Brighton, Minnesota (NPL site)
  - Metal parts manufacturing plant - New Brighton, Minnesota (NPL site)
  - Engineering and testing facility - Anoka County, Minnesota
  - Precision metals fabricating plant - Niles, Michigan
  - Tennessee chemical company plant - Copperhill, Tennessee
  - Demolition landfill - New Brighton, Minnesota
  - Private dump - New Brighton, Minnesota
  - Trio solvents plant - New Brighton, Minnesota
  - Sporting goods manufacturing facility - Tennessee
  - Vehicle maintenance facility - Minnesota
  - Metal parts manufacturing facilities - Germany, Czech Republic, England
  - Electro-mechanical components facility - New York
  - Industrial landfills - Michigan, Texas

- Served as Project Manager for all aspects of remedial investigations at propellant and explosives manufacturing and loading plants. The specific areas of investigation included explosive and propellant manufacture, explosive loading, red and pink water disposal, detonation sites, and explosives burning at the following plants:
  - Joliet Army Ammunition Plant - Elwood, Illinois (NPL site)
  - Iowa Army Ammunition Plant - Burlington, Iowa
  - Badger Army Ammunition Plant - Baraboo, Wisconsin
  - Louisiana Army Ammunition Plant - Doyline, Louisiana (NPL site)
  - Cornhusker Army Ammunition Plant - Grand Island, Nebraska (NPL site)
  - Twin Cities Army Ammunition Plant - New Brighton, Minnesota (NPL site)

Environmental Assessments/Audits

- Performed environmental assessments for acquisition, secured financing or compliance at the following facilities:
  - Electronic component manufacturing facilities - Minnesota, Pennsylvania
  - Explosive loading plants - Illinois, Iowa, Tennessee, Arkansas
  - Solid fiberboard and paper mills - California, Vermont, Michigan, Minnesota, Illinois, Missouri
  - Metals fabrication and die casting plants - Illinois, North Carolina
  - Metals fabrication facilities - Ohio, South Carolina, Illinois, Brazil, Germany, England, Czech Republic, Missouri, Nevada, New York, Indiana
  - Chemical formulation plants - Illinois, England, Ireland
  - Manufacturing and warehouse facilities - Illinois, Indiana, Wisconsin, Georgia, Texas, Pennsylvania, California
  - Food production, processing, and packaging plants - Indiana, Louisiana, Minnesota, Ohio, New York, California, Illinois
  - Construction equipment maintenance facilities - Georgia, Minnesota, Washington, Illinois
  - Industrial equipment manufacturing facilities - Ohio
  - Soft drink bottling plants - Arkansas, North Carolina, South Carolina, Tennessee, Belgium
  - Soft drink distribution facilities - Arkansas, North Carolina, South Carolina, Tennessee, Texas, Belgium
  - Heavy equipment manufacturing plants - Illinois, Wisconsin, Indiana
  - Commercial munitions, production and testing facilities - Ohio, Pennsylvania, Florida, New Mexico, Tennessee
  - Medical equipment manufacturing facilities - Connecticut, Puerto Rico
  - Cement plants - Iowa, Mississippi, Missouri
  - Precision metals fabrication plants - Michigan, Illinois, Indiana, Pennsylvania
  - Chemical manufacturing plants - Tennessee, Wisconsin
  - Athletic and swimming facilities - Minnesota
  - Waste derived fuel plants - Missouri, Kansas, Indiana, Pennsylvania, Maryland
  - Cabinet manufacturing plants - Texas, Kentucky, Iowa, Minnesota, Ohio

- Photo processing facilities - Minnesota, Missouri, Netherlands, Kansas
- Photographic film manufacturing facilities - United Kingdom, Germany, Switzerland
- Corrugated box plants - South Carolina, Georgia, Alabama, Tennessee
- Fiberboard partition plants - Maine, New Jersey, Wisconsin, Quebec, Iowa, Minnesota, Massachusetts
- Hazardous waste blending facilities - Ohio
- Plastic extrusion and molding plants - Germany, Michigan, Minnesota
- Window and door manufacturing facilities - Wisconsin, Michigan, Iowa
- Furniture manufacturing facilities - North Carolina, Ohio, Pennsylvania, Virginia
- Foundries - Michigan, Illinois, Ohio, Pennsylvania, Tennessee, Mexico
- Photographic chemical and plate manufacturing - Germany, Switzerland, England
- Chemical processing facilities - United States, Australia, Korea, Japan

Remedial Designs or Remedial Construction Supervision

- Served as Project Manager for the design and/or construction of the following remedial actions:
  - Groundwater collection tile, extraction, and VOC treatment system - (NPL site) New Brighton, Minnesota
  - Extraction well and VOC treatment system - (NPL site) New Brighton, Minnesota
  - 2,900 GPM groundwater extraction, VOC treatment and recharge system - (NPL site) New Brighton, Minnesota
  - Excavation and on-site contained storage of 12,000 tons of PCB contaminated soil - (NPL site) New Brighton, Minnesota
  - Groundwater Extraction and Discharge System - New Brighton, Minnesota
  - Excavation and off-site disposal of metals contaminated soils - New Brighton, Minnesota
  - Decontamination and off-site disposal of PCB equipment and oils - New Brighton, Minnesota
  - Decontamination of PCB contaminated plant areas - Lafayette, Indiana
  - Excavation and off-site disposal of over 100,000 tons of organics contaminated soil (NPL site) - New Jersey
  - Industrial sewer cleaning and sludge handling project involving VOCs, PCBs and metals - (NPL site) New Brighton, Minnesota
  - Excavation and off-site disposal of lead contaminated soils - Minneapolis, Minnesota
  - PCB soil contamination site - Iowa
  - Soil vapor extraction system for VOC removal - Wisconsin
  - Air sparging system for VOC removal - Minnesota
  - VOC air stripping water treatment system - New Jersey
  - Excavation, on-site separation and off-site disposal of contaminated soils - Fridley, Minnesota
  - Soil vapor extraction system for VOC removal - Germany
  - Wastewater lagoon closure - Michigan

Environmental Compliance at Industrial Facilities

- Responsible for environmental compliance at multi-facility division of Honeywell, Inc. including:
  - Prepared permit applications for hazardous waste treatment and storage facilities
  - Developed in-plant hazardous waste management procedures for division
  - Developed RCRA training programs for treatment and storage facilities
  - Managed in-house hazardous waste generation, treatment, storage, and disposal program for six manufacturing facilities
  - Developed in-plant spill response procedures for manufacturing facilities
  - Prepared industrial discharge (POTW) permit applications for manufacturing plants and remedial actions
  - Prepared NPDES permits for remedial actions
- Performed multi-media compliance audits at the following types of industrial facilities:
  - Chemical manufacturing, chemical formulation, explosives loading, metal parts manufacturing, primary and secondary steel manufacturing, paper manufacturing, furniture and cabinet manufacturing, and miscellaneous manufacturing

Technical Support for Litigation and Administrative Orders

- Provided the following technical expert services in conjunction with permitting and litigation issues:
  - Assisted PRP at VOC contaminated groundwater site consisting of review and comment on; remedial investigations, feasibility studies, risk assessment, groundwater modeling, records of decision, consent orders - NPL site in Minnesota
  - Assisted PRP at VOC and PCB contaminated site consisting of review and comment on; remedial investigations, feasibility studies, risk assessment and administrative orders - Illinois
  - Assisted PRP group at mixed municipal and demolition landfill consisting of review and comment on; remedial investigation, remedial objectives and remedial cost estimates - NPL site in Minnesota
  - Assisted industrial client in negotiation of administrative and judicial orders for investigation and implementation of corrective actions at a mining and chemical manufacturing facility - Tennessee
  - Assisted township in removing a potential landfill site from final consideration list - Minnesota
  - Assisted PRP group at mixed municipal landfill consisting of RD/RA Scope of Work negotiations, remedial cost estimates, allocation negotiations and mediation - NPL site in Minnesota
  - Assisted industrial clients in negotiation of contribution claims for past releases on property - Iowa, Texas, Tennessee, Minnesota, Wisconsin, Idaho, Pennsylvania, Illinois, Indiana
  - Assisted industrial client with evaluation of compliance and recommended corrective measures in response to potential litigation - Mississippi
  - Technical expert for an industrial client with PCB risk issues from former industrial disposal site under litigation - Michigan
  - Technical expert for industrial client regarding acquisition due diligence

JEANNE PIERCEY, M.A.SC., PE

EDUCATION

M.A.Sc.	Memorial University of Newfoundland, Environmental Engineering, 1997
B.Sc.	Memorial University of Newfoundland, Chemistry (major) and Math (minor), 1996
Other Courses:	Infant First Aid and CPR Training, February 2005
	8-Hour OSHA Refresher Training, February 2005
	RCRA Training, April 2004
	DOT Training, April 2004
	Mobile Equipment Safety, April 2004
	CRA Project Management Training, February 2004
	Driving Safety, January 2004
	Ergonomics for Computer Users, January 2004
	8-Hour OSHA Refresher Training, January 2004
	WHMIS/Hazard Communication, February 2003
	8-Hour OSHA Refresher Training, February 2003
	ASTM Risk Based Corrective Action Training for Petroleum Release Sites, October 2002
	Evaluating Subsurface Vapor Intrusion Intro Buildings, October 2002
	New Rules for the Michigan Remedial Action Program, October 2002
	Environmental Chemistry Symposium, May 2002
	8-Hour OSHA Refresher Training, January 2002
	Phase I ESA Training, March 2001
	8-Hour OSHA Refresher Training, January 2001
	Snow Management and Deicing, October 2000
	Phase I ESA Training, March 2000
	8-Hour OSHA Refresher Training, January 2000
	Safety Oriented First Aid, April 1999
	Risk Based Corrective Action Training, December 1998
	Bioremediation in Cold Climates Training, October 1998
	Canadian Petroleum Institute First Response Training, September 1998
	8-Hour OSHA Refresher Training, May 1998
	40-Hour OSHA Training, May 1997

EMPLOYMENT

1999-Present	Project Manager/Coordinator/Engineer Conestoga-Rovers & Associates
1999	Ecologist, Newfoundland and Labrador Hydro
1997-99	Environment Officer, Government of Newfoundland and Labrador

1997 Engineering Assistant, Varcon Inc.

AFFILIATIONS

Board of Professional Engineers Michigan (License #6201050376)

PROFILE OF PROFESSIONAL ACTIVITIES

Environmental Due Diligence

- Completed/managed environmental due diligence (Phase I, II ESAs/ECAs) activities at various facilities in Canada and United States
- Prepared Baseline Environmental Assessments (BEAs)
- Co-ordinated Geophysical Surveys, which were completed to support UST location determination
- Co-ordinated ACM surveys
- Co-ordinated Wetland Surveys

Environmental Site Investigation/Monitoring

- Prepare Sampling and Analysis Plans
- Prepare Health and Safety Plans
- Supervise drilling and monitoring activities
- Evaluate fill material from an industrial site deposited at a residential home
- Evaluate spills from Leaking Underground Storage Tanks (LUSTs) and perform remediations in accordance with regulations
- Perform sodium azide screening and sampling
- Determine if materials containing elevated radiation levels are Naturally Occurring Radioactive Material (NORM)
- Evaluate elevated Radon readings
- Evaluate residential water wells and septic systems
- Compare chemical monitoring data to regulatory criteria, and perform statistical analysis of data, if necessary
- Develop and interpret groundwater contour maps for chemical concentrations or potentiometric surfaces
- Develop 3-D visualization of stratigraphic surfaces to support contaminant fate and transport
- Draft quarterly and annual monitoring reports for submission to agencies
- Summarize leachate collection activities and submit reports to government agencies

Environmental Emergency Response Planning

- Prepare Integrated Contingency Plans including SPCC, RCRA, PIP, and SARA
- Prepare Due Care Plans

- Prepare Environmental Contingency Plans
- Prepare Site Security Plans
- Assess secondary containment requirements for material storage and handling facilities
- Participate in corporate team who tracks regulatory revisions to SPCC, RCRA, PIP, and SARA

Environmental Litigation Support

- Provided technical environmental litigation support for various projects:
  - Historic auto manufacturing Plant in Oakland, California
  - Historic auto manufacturing plant in Southgate, California
  - Oil Reclamation Plant in Charlotte, North Carolina
  - Pelletizing/Metal Recycling Plant in Marquette County, Michigan
  - Oil Reclamation Plant in Detroit, Michigan
  - Chemical Manufacturing Plant in Niagara Falls, New York
  - Metal Fabrication Plant in Kalamazoo, Michigan
  - Residential Neighborhood (impacted by petroleum release), in Milford, Michigan
  - Residential Neighborhood (elevated levels of sodium and chloride) in Milford, Michigan

Environmental Waste Management

- Complete waste characterization sampling and analysis plans
- Prepare Removal Action Plans
- Inventory and sample waste (including compatibility and disposal characterization analyses)
- Interpret waste characterization analytical data for appropriate disposal
- Critique methods and costs for waste characterization, removal and disposal
- Design staging areas and implement decontamination procedures
- Co-ordinate off-Site transportation
- Compile aerial photograph repository to assist with the creation of historical timeline for waste disposal practices
- Co-ordinate the characterization of paint sludge to determine timeframe for waste disposal based on paint chemical composition

Salt Management/Reduction

- Prepare Salt Management Plans
- Evaluate state of the art salt reduction methods:
  - snow removal procedures (anti-icing, pre-wetting, sweepers, rubber blades, salt spreader controls, configurations and application rates)
  - non-chloride alternatives
  - weather monitoring
  - road surface condition monitoring
  - salt usage tracking/documentation

- road prioritization
- education and training
- salt containment
- environmental impact monitoring

Drinking Water Treatment

- Evaluate potable water supply alternatives
- Perform Total Dissolved Solids (TDS) balance

Brownfield Redevelopment

- Prepare environmental brochure to document corporate expertise and strategic approaches
- Prepare Brownfield Work Plans in support applying for State funding
- Manage environmental activities in accordance with Federal and State Law while supporting redevelopment

Enforcement

- Responded to environmental emergencies and regulated remediation
- Examined water treatment plant effluent to ensure compliance
- Modeled air quality data to ensure compliance
- Enforced provincial environment legislation
- Inspected petroleum and PCB storage sites, waste disposal sites, farms, sawmills, fish plants, asphalt plants, and salvage yards for compliance with regulatory requirements

Laboratory Analysis

- Analyzed water and petroleum products
- Supervised QA/QC programs

Other Environmental Activities

- Prepare Statements of Qualifications
- Conducted caribou surveys and developed mitigation programs
- Monitored and assessed fish migratory patterns and mercury content

EDUCATION

B.S. Michigan Technological University, Environmental Engineering, Cum Laude, 1997

Other Courses:
- 40-Hour OSHA Health and Safety Training, 1998
- 8-Hour OSHA Health and Safety Refresher, 2005
- Cleanup Criteria Symposium For Parties Implementing Part 201 Remedial Actions - MDEQ, 1998
- EPCRA Section 304 and CERCLA Section 103 Emergency Notification (Release Reporting) Workshop - MDEQ, 1999
- ASTM E1527-00 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" - EDR, 1999, 2001, 2004, and 2006
- Regulations 101: An Environmental Safety and Health Course – MDEQ, 2001, 2002, and 2006
- CRA Phase I ESA Training, 1999 and 2000
- CRA Building Decommissioning Seminar, 1999

EMPLOYMENT

2002-Present	Project Manager/Coordinator/Engineer Conestoga-Rovers & Associates, Lansing, Michigan
2001-2002	Project Coordinator/Engineer Conestoga-Rovers & Associates, Plymouth, Michigan
1998-2001	Project Coordinator/Engineer Conestoga-Rovers & Associates, Romulus, Michigan
1995	Summer Intern, Dell Engineering, Inc., Holland, Michigan

AFFILIATIONS

Licensed Professional Engineer, State of Michigan (I.D. No. 6201049895)

Member, Environmental Quality Committee, Michigan Manufacturers Association

Member, West Michigan Sustainable Business Forum

Member, Grand Rapids Young Professionals

PROFILE OF PROFESSIONAL ACTIVITIES

Phase I/II Environmental Site Assessments and Compliance Analysis

- Preparation of Phase I/II Environmental Site Assessments in support of acquisition/divestiture for various properties in Michigan, Indiana, Ohio, Wisconsin, Illinois, Virginia, New York, Hawaii, Oregon, Missouri, Maryland and California, including the following: various residential properties,

various vacant/undeveloped properties, hospital, furniture distribution center, light manufacturing facility, alcohol blending and bottling facility, warehouses, former and current automotive dealerships, railroad tracks, petroleum distribution center, induction heating system manufacturing facility, inactive fertilizer plant, silk screening facility, hybrid corn seed laboratory, metal scrap processing facilities, office/commercial facilities, cardboard manufacturing facility, metal forging facilities, school administrative building and bus maintenance garage, various automotive manufacturing facilities, flour mill, and commercial bakeries and warehouses

- Project manager for Phase I through IV projects for various automotive dealerships and vacant commercial and industrial properties across the United States, including review and application of federal, state, and local level regulations. Phase III projects included delineation of impacted soil and/or groundwater at various locations. Phase IV projects included: mold assessment, abatement, and facility restoration, asbestos assessment, abatement, and facility restoration, lead paint assessment, abatement, and facility restoration, in-ground lift removal and draining and decommissioning, and oil/water separator inspection and/or removal and replacement.
- Preparation of a Self Conducted Environmental Compliance Survey for a manufacturing facility located in Saginaw, Michigan, including the research of relevant site-specific local, state, and federal regulations and the preparation of site-specific, regulated area specific questionnaires for survey report
- Preparation of Michigan Environmental Legislation Training for three manufacturing facilities located in Port Huron, Sterling Heights, and Warren, Michigan, including the research of relevant site-specific local, state, and federal regulations and preparation of presentation illustrating an overview of applicable regulations and the requirements therefrom

CERCLA and Michigan Act 451, Part 201

- Project Engineer responsible for the preparation of the following Baseline Environmental Assessments:
  - Category N and D BEAs for disclosure to the MDEQ for scrap metal recycling facilities located in Warren, Flint, and Detroit, Michigan
  - Category N BEA for disclosure to the MDEQ for a vacant property located in Mt. Morris, Michigan
  - Category N BEA for disclosure to the MDEQ for a former manufacturing facility located in Warren, Michigan
  - Category N BEA for determination to the MDEQ for a vacant property located in Wixom, Michigan
  - Category N and D BEAs for disclosure to the MDEQ for a former manufacturing facility located in Detroit, Michigan
  - Category N BEA for disclosure to the MDEQ for a former scrap metal storage facility in Detroit, Michigan
- Project Coordinator of the development of a Due Care Plan for a manufacturing facility located in Wyoming, Michigan
- Project Coordinator responsible for the on-Site oversight and implementation of a Removal Action Work Plan in a residential area under a CERCLA 106 Unilateral Administrative Order. Main contaminant included PCBs and lead in soil. The Work Plan included the excavation of approximately 6,000 tons of non-TSCA and 6,000 tons of TSCA impacted soil

Underground Storage Tanks (USTs)/Leaking Underground Storage Tanks (LUSTs)

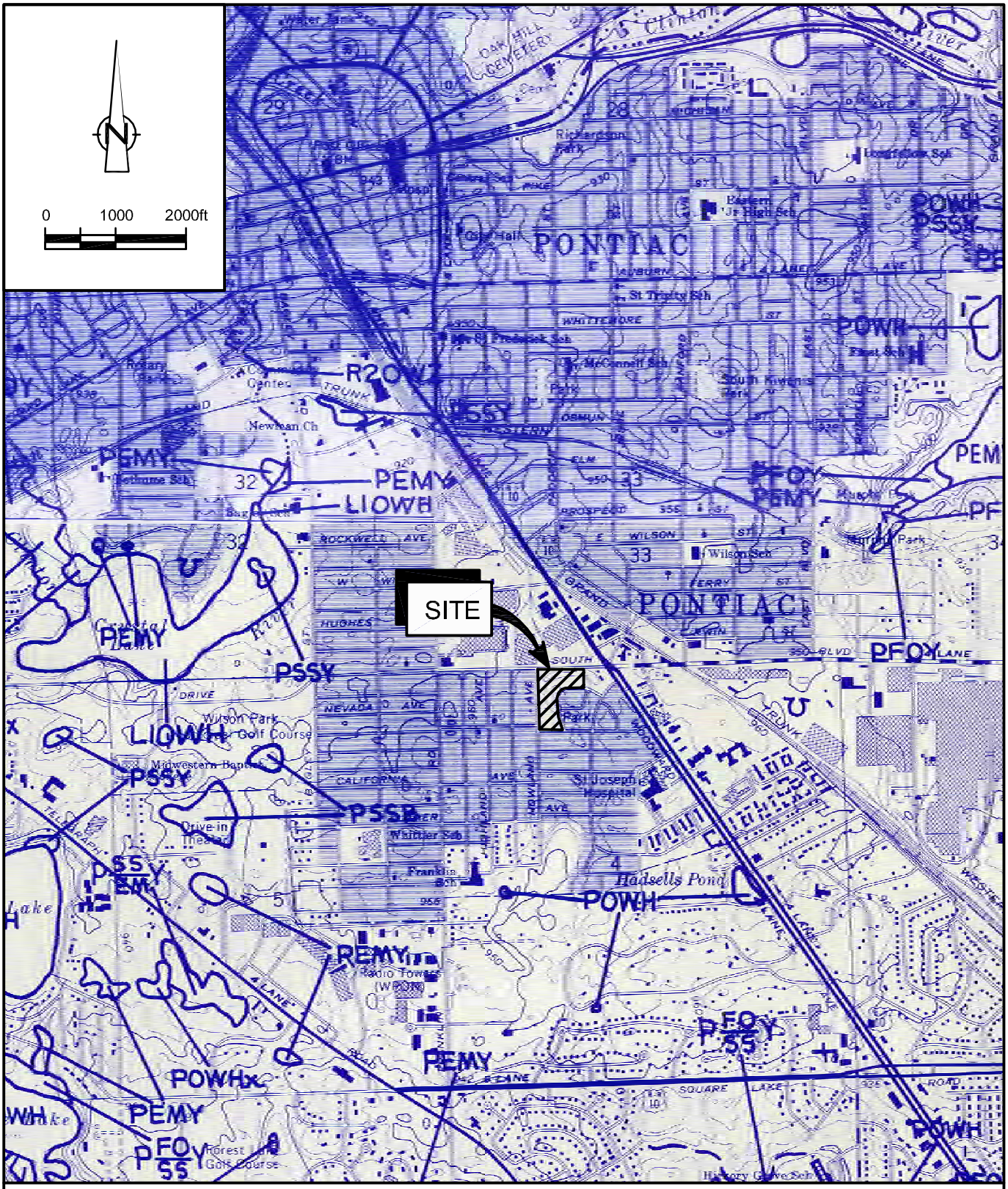
- Project Engineer responsible for the preparation and submittal of Site Assessment Reports to the MDEQ for USTs containing gasoline and hydraulic oil at a scrap metal recycling facility in Pontiac, Michigan
- Project Engineer responsible for the preparation of LUST Closure Reports to the MDEQ for LUSTs containing gasoline and waste oil at a scrap metal recycling facility in Pontiac, Michigan
- Project Engineer responsible for the preparation of Work Plans and proposals for the removal and/or upgrade of various UST systems located in Michigan
- Project Manager for O & M activities and remedial alternatives review for a LUST in Greenbrook, New Jersey
- Project Engineer responsible for the preparation of Initial Site Characterization Report and Corrective Action Plan for submittal to the IDEM for a LUST containing gasoline at an industrial manufacturing facility located in Anderson, Indiana

Industrial/Commercial Facilities

- Project Engineer responsible for engineering support during the development of project specifications, the construction oversight of galbestos siding encapsulation activities, and preparation of a Galbestos Abatement Pilot Studies Evaluation Report for an industrial facility in Flint, Michigan
- Project Engineer responsible for providing engineering support for Building Decommissioning Assessments for industrial manufacturing facilities in Kalamazoo, Lansing, and Pontiac, Michigan and Anderson, Indiana, including field inventory of process equipment and fixtures, engineering support for the development of specifications, and engineering support in the preparation of proposals, cost estimates, and reports
- Project Engineer responsible for the development of various documentation, including Work Plans, Data Reports, a Spill Report, proposals, cost estimates, and responses to IDEM comments on submittals; coordination with subcontractors and city officials; and the review of remedial alternatives for a Phase III Extent of Contamination Study at an industrial manufacturing facility located in Anderson, Indiana
- Project Coordinator responsible for the development of various documentation, including proposals, cost estimates; coordination of the review and evaluation of current soil vapor extraction (SVE) and groundwater treatment remediation systems; coordination of the implementation of ongoing operations and maintenance of the remediation systems; review and evaluation of compliance with current permit requirements associated with the treatment systems; review of historical data and development of Work Plan for additional investigation to delineate extent of contamination to current regulatory standards to be submitted to MDEQ; development and implementation of summary of existing conditions presentations for agency and facility representatives; development of a Due Care Plan; development and implementation of various Work Plans and Data Reports during the delineation of chlorinated compound impacted groundwater at an industrial manufacturing facility in Wyoming, Michigan

APPENDIX B

NATIONAL WETLANDS INVENTORY MAP



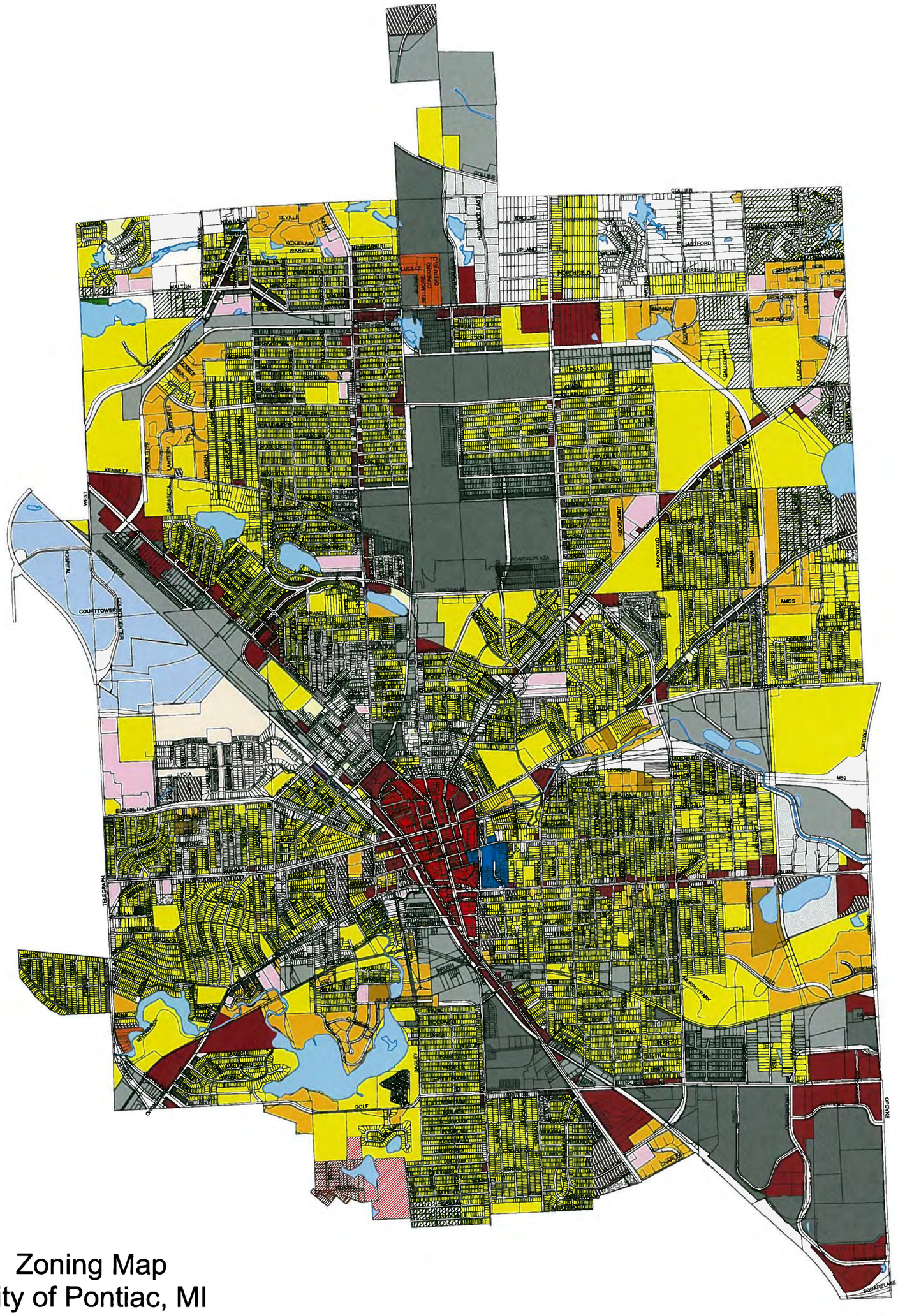
SOURCE: NATIONAL WETLANDS INVENTORY MAP
PONTIAC NORTH & SOUTH, MICHIGAN

NATIONAL WETLANDS INVENTORY MAP
SOUTH PARKING LOT
Pontiac, Michigan

17322-00(002)GN-DE002 AUG 13/2007

APPENDIX C

LOCAL ZONING PLANS



Zoning Map
City of Pontiac, MI

Legend

Zoning

- C-O Office Business
- C-1 Local Business
- C-2 Central Business
- C-3 Fringe C.B.D and Thoroughfare Frontage Business
- Town Center
- C-C Civic Center
- GOT Government Office Technical District
- IP-1 Industrial Park
- M-1 Light Manufacturing
- M-2 Heavy Manufacturing
- MUD Mixed Use District
- P-1 Parking
- R-O Recreation Open Space
- R1A Medium Lot One Family Dwelling
- R1B Large Lot One Family Dwelling
- R-1 One Family Dwelling
- R-2 Two Family and Terrace Family Dwelling
- R-3 Multiple Family Dwelling
- R-4 Multiple Family Dwelling Elevator Apartment
- R-5 Trailer Coach Park
- Lakes

2

0 0.15 0.3 0.6 Miles

Ordinance No. 944-72 as amended.
Adopted: December 20, 1938
Amended: August 26, 2005

APPENDIX D

DATABASE SEARCH RESULTS

The EDR Radius Map
with GeoCheck®

17322 - Pontiac, MI
South Blvd. West & Howard St.
Pontiac, MI 48341

Inquiry Number: 1706492.2s

June 29, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

SECTION	PAGE
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	38
EPA Waste Codes	EPA-1
Government Records Searched/Data Currency Tracking	GR-1

GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-20

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

SOUTH BLVD. WEST & HOWARD ST.
PONTIAC, MI 48341

COORDINATES

Latitude (North):	42.621800 - 42° 37' 18.5''
Longitude (West):	83.284600 - 83° 17' 4.6''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	312638.6
UTM Y (Meters):	4721133.5
Elevation:	950 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	42083-F3 PONTIAC NORTH, MI
Most Recent Revision:	1997
South Map:	42083-E3 PONTIAC SOUTH, MI
Most Recent Revision:	1997

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
Delisted NPL ---------- National Priority List Deletions
NPL RECOVERY ---------- Federal Superfund Liens
CERCLIS ---------- Comprehensive Environmental Response, Compensation, and Liability Information System
ERNS ---------- Emergency Response Notification System

EXECUTIVE SUMMARY

HMIRS Hazardous Materials Information Reporting System
US ENG CONTROLS Engineering Controls Sites List
US INST CONTROL Sites with Institutional Controls
DOD Department of Defense Sites
FUDS Formerly Used Defense Sites
US BROWNFIELDS A Listing of Brownfields Sites
CONSENT Superfund (CERCLA) Consent Decrees
ROD Records Of Decision
UMTRA Uranium Mill Tailings Sites
ODI Open Dump Inventory
TRIS Toxic Chemical Release Inventory System
TSCA Toxic Substances Control Act
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS Section 7 Tracking Systems
ICIS Integrated Compliance Information System
PADS PCB Activity Database System
MLTS Material Licensing Tracking System
MINES Mines Master Index File
FINDS Facility Index System/Facility Registry System
RAATS RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SHWS Contaminated Sites
SWF/LF Solid Waste Facilities Database
PEAS Pollution Emergency Alerting System
AUL Engineering and Institutional Controls
DRYCLEANERS Drycleaning Establishments
BROWNFIELDS Brownfields and USTfield Site Database
AIRS Permit and Emissions Inventory Data

TRIBAL RECORDS

INDIAN RESERV Indian Reservations
INDIAN UST Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

EDR Historical Auto Stations EDR Proprietary Historic Gas Stations
EDR Historical Cleaners EDR Proprietary Historic Dry Cleaners

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

FEDERAL RECORDS

CERCLIS-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/01/2006 has revealed that there is 1 CERC-NFRAP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PONTIAC MEDICAL ASSOCIATES MER	44696 WOODWARD	1/8 - 1/4 SE	E14	23

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/15/2006 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GENERAL MOTORS CORPORATION	***200 SOUTH BOULEVARD***	***0 - 1/8 NE***	***B6***	***14***

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-TSDF list, as provided by EDR, and dated 03/09/2006 has revealed that there is 1 RCRA-TSDF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GENERAL MOTORS CORPORATION	***200 SOUTH BOULEVARD***	***0 - 1/8 NE***	***B6***	***14***

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery

Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/09/2006 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GENERAL MOTORS CORPORATION	***200 SOUTH BOULEVARD***	***0 - 1/8 NE***	***B6***	***14***

RCRAInfo: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). The database includes selective information on sites which generate, transport, store , treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/09/2006 has revealed that there are 11 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
DETROIT EDISON CO	***761 S WOODWARD***	***0 - 1/8 ESE***	***A2***	***6***
DETROIT EDISON CO	761 S WOODWARD	0 - 1/8 ESE	A3	7
MINIT LUBE 1274	***714 WOODWARD***	***0 - 1/8 NE***	***A4***	***7***
INTERNATIONAL TRANSMISSION COM	44800 WOODWARD AVE	0 - 1/8 SE	C7	19
ARNOLD JEROME CADILLAC SUBARU	***815 WOODWARD AVE***	***0 - 1/8 SE***	***C8***	***19***
CRESTVIEW CADILLAC - SUBARU	***675 S SAGINAW***	***0 - 1/8 N***	***D9***	***20***
JEROME ARNOLD CADILLAC	***675 S SAGINAW***	***0 - 1/8 N***	***D10***	***20***
AUTO CLINIC	44732 WOODWARD AVE	0 - 1/8 SE	E12	21
MEDICAL ASSOCIATES INC	44656 WOODWARD AVE	1/8 - 1/4 SE	15	23
MULT A FRAME CORP	***366 S BLVD E***	***1/8 - 1/4 E***	***16***	***24***
CONSUMERS ENERGY - FRANKLIN SU	***68 W WILSON ST***	***1/8 - 1/4 N***	***17***	***24***

STATE AND LOCAL RECORDS

DEL SHWS: Sites that have been delisted or deleted from the List of Contaminated Sites.The available documentation for the site does support it's listing or the site no longer meets criteria specified in rules.

A review of the DEL SHWS list, as provided by EDR, and dated 05/30/2006 has revealed that there is 1 DEL SHWS site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
HOWLAND & LUTHER STREETS	HOWLAND / LUTHER	1/8 - 1/4 S	19	26

HIST LF: The database contains historical information and is no longer updated..

A review of the HIST LF list, as provided by EDR, and dated 03/01/1997 has revealed that there is 1 HIST LF site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ANKERSON RESOURCE SYSTEMS INC	400 SOUTH BLVD E	1/4 - 1/2 E	F20	26

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank (LUST) Database.

A review of the LUST list, as provided by EDR, and dated 03/13/2006 has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PONTIAC FUEL INC	***45054 WOODWARD RD***	***0 - 1/8 N***	***5***	***7***
Facility Status: Open				
GAUKLER STORAGE CO	***400 SOUTH BLVD E***	***1/4 - 1/2 E***	***F21***	***27***
Facility Status: Closed				
TRUCK CENTER	***554 FRANKLIN RD***	***1/4 - 1/2 SW***	***G23***	***29***
Facility Status: Open				
ST JOSEPH MERCY HOSPITAL / OAK	***44405 WOODWARD AVE***	***1/4 - 1/2 SE***	***25***	***32***
Facility Status: Closed				
Facility Status: Closed				

Lower Elevation	Address	Dist / Dir	Map ID	Page
PONTIAC STATION #2 PONTIAC FIR	***348 SOUTH BLVD W***	***1/4 - 1/2 W***	***24***	***31***
Facility Status: Open				

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Michigan UST database.

A review of the UST list, as provided by EDR, and dated 03/13/2006 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
MINIT-LUBE	714 WOODWARD	0 - 1/8 ENE	A1	6
PONTIAC FUEL INC	***45054 WOODWARD RD***	***0 - 1/8 N***	***5***	***7***

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Natural Resources' Michigan AST database.

A review of the AST list, as provided by EDR, and dated 03/23/2006 has revealed that there are 2 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
GM - PONTIAC CENTERPOINTE CAMP	200 SOUTH BLVD WEST	1/8 - 1/4 W	13	22

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
EASTERN OIL	590 S PADDOCK ST	1/8 - 1/4 N	18	25

BEA: Baseline Environmental Assessment.

A review of the BEA list, as provided by EDR, and dated 03/16/2006 has revealed that there are 3 BEA sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
HEAT TREAT SERVICES, INC.	245 SOUTH BOULEVARD	0 - 1/8 NE	B11	21
LIGHT INDUSTRIAL BUILDING	554 FRANKLIN ROAD	1/4 - 1/2 SW	G22	29
PARTS PACKAGING	391 E. WILSON AVENUE	1/4 - 1/2 NE	26	37

EDR PROPRIETARY RECORDS

EDR Manufactured Gas Plants: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the Manufactured Gas Plants list, as provided by EDR, has revealed that there is 1 Manufactured Gas Plants site within approximately 1 mile of the target property.

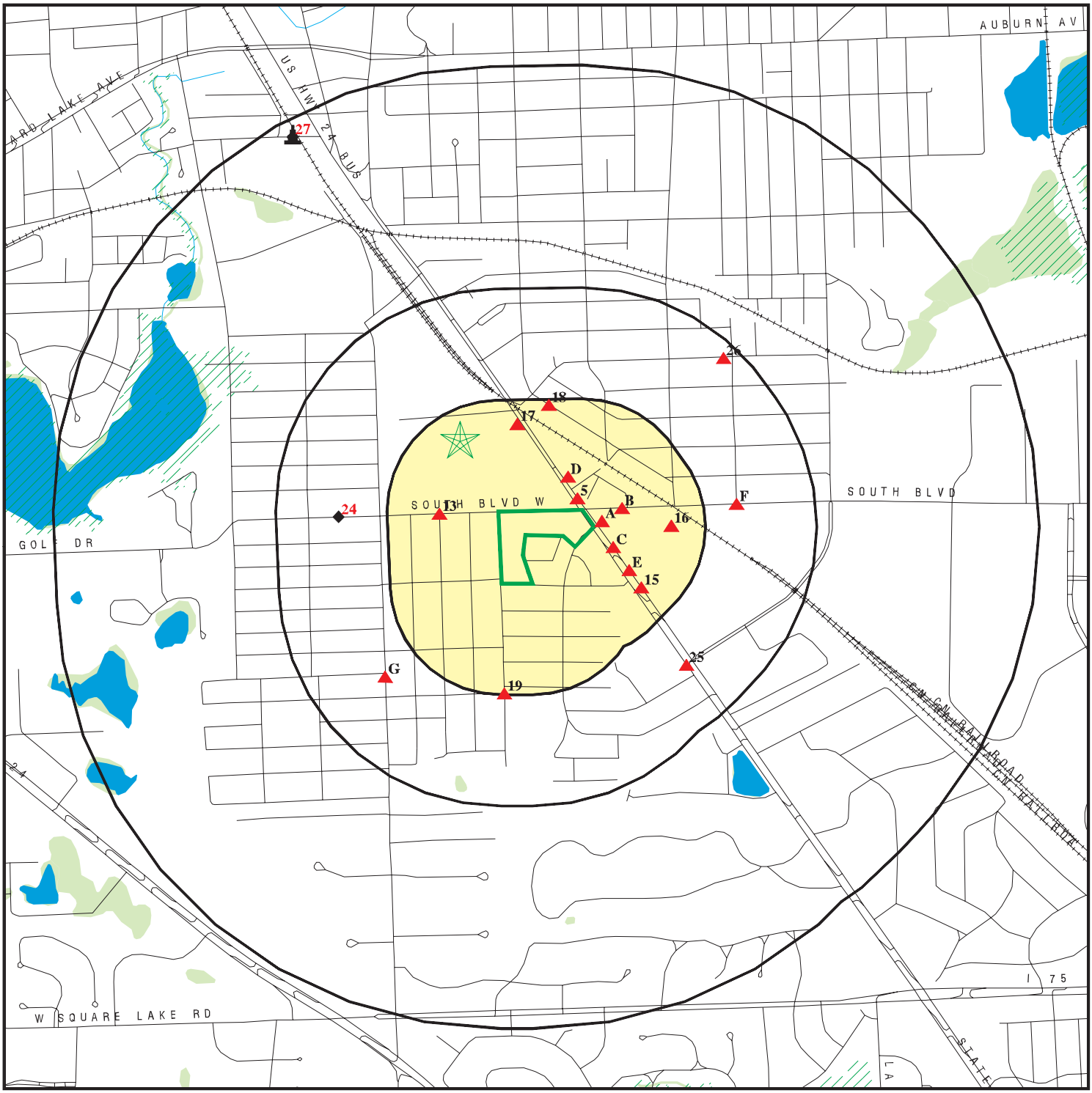
Lower Elevation	Address	Dist / Dir	Map ID	Page
CITY GAS WORKS	55 WESSEN STREET	1/2 - 1 NNW	27	37

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
SHELL DRY WELL 1 TELEGRAPH	SHWS
GM TRUCK AND BUS PONTIAC CENTRAL	SHWS
ASPHALT SPECIALIST INC	SHWS, DEL SHWS
HOWLAND AND LUTHER STREETS, VACANT LOT	BROWNFIELDS
CITY OF PONTIAC - WATER AND SEWER MAINTENANCE DIVI	AUL
SCHROEDER SUNOCO	AUL
PEPSI-COLA PONTIAC WAREHOUSE	LUST, PEAS, UST
PONTIAC WEST ASSEMBLY	LUST, UST
WOODWARD OFFICE PLAZA	LUST, UST
SPEEDY MUFFLER KING	LUST, UST
AKZO NOBEL COATINGS INC	FINDS, AST
MI DEPT/TRANSPORTATION BRIDGE S01-63052	RCRA-SQG, FINDS
SUNOCO SERVICE STATION	RCRA-SQG, FINDS
MINIT LUBE 1036	RCRA-SQG, FINDS
AKZO NOBEL COATINGS INC	RCRA-LQG
GENERAL MOTORS TRUCK PONTIAC CENTRAL 660 SOUTH BLVD	ERNS
PONTIAC STATION	ERNS
OAKLAND CO. SERVICE CENTER - CENTRAL STEAM PLANT	FINDS
KALTAR CORPORATION - 1ST PETITIONER	BEA
PONTIAC HOLDINGS, LLC	BEA
LANDSTONE PONTIAC PARTNERS LLC	BEA
RALLY'S RESTAURANT (FORMER)	BEA
RALLY'S RESTAURANT(FORMER)	BEA
PONTIAC CITY OF	BEA
PONTIAC STORAGE	DEL SHWS
GMC TRUCK/PONTIAC	ICIS
GENERAL MOTORS CORPORATION, PONTIAC ASSY CENTER	AIRS
OAKLAND CO. SERVICE CENTER - CENTRAL STEAM PLANT	AIRS

OVERVIEW MAP - 1706492.2s



0 1/4 1/2 1 Miles

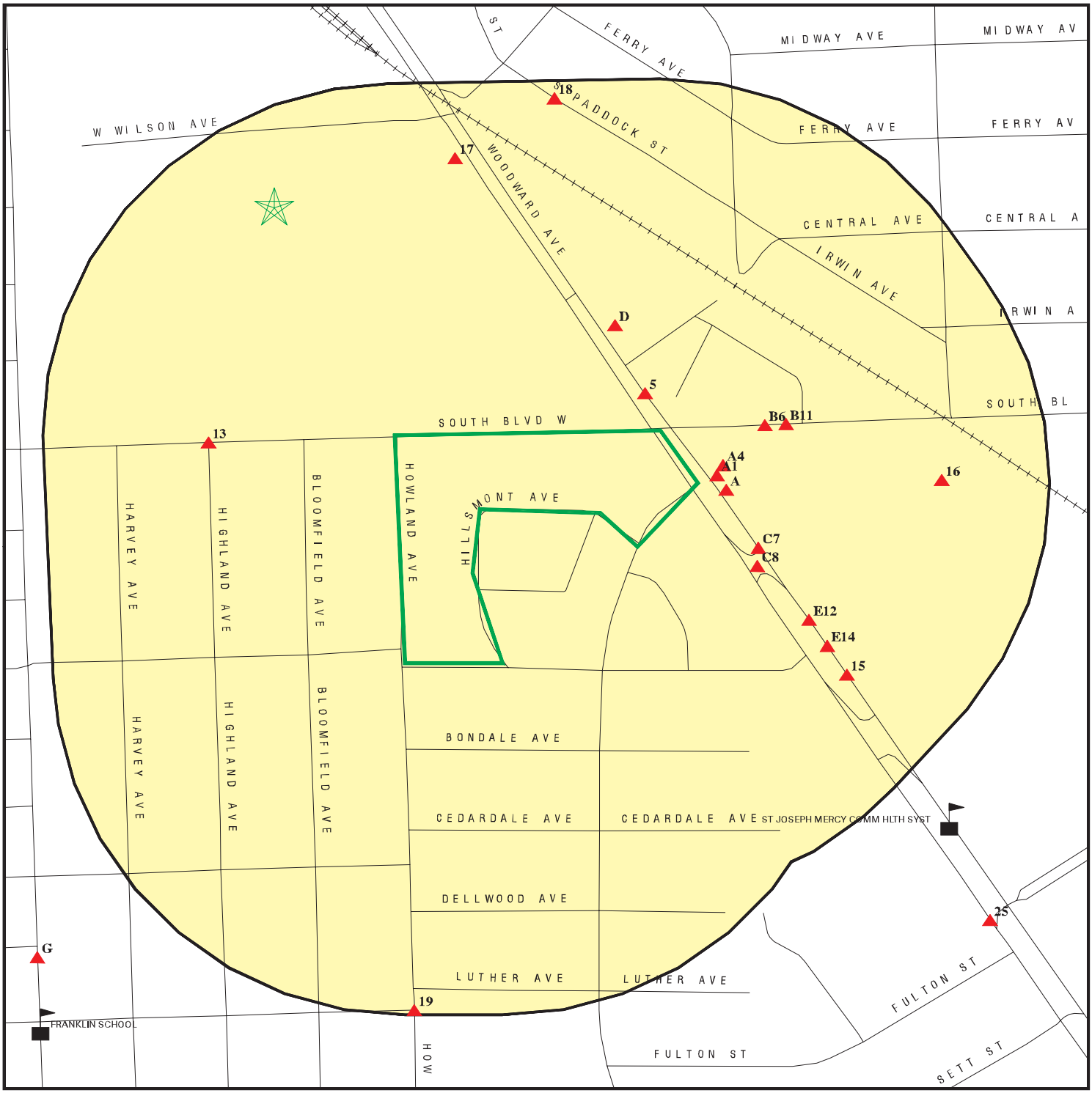
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	17322 - Pontiac, MI	CLIENT:	Conestoga-Rovers & Associates
ADDRESS:	South Blvd. West & Howard St. Pontiac MI 48341	CONTACT:	Kelly Connolly
LAT/LONG:	42.6218 / 83.2846	INQUIRY #:	1706492.2s
		DATE:	June 29, 2006

Copyright © 2006 EDR, Inc. © 2006 Tele Atlas Rel. 07/2005.

DETAIL MAP - 1706492.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Landfill Sites

Dept. Defense Sites

Indian Reservations BIA

Oil & Gas pipelines

100-year flood zone

500-year flood zone

0 1/16 1/8 1/4 Miles

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	17322 - Pontiac, MI	CLIENT:	Conestoga-Rovers & Associates
ADDRESS:	South Blvd. West & Howard St. Pontiac MI 48341	CONTACT:	Kelly Connolly
LAT/LONG:	42.6218 / 83.2846	INQUIRY #:	1706492.2s
		DATE:	June 29, 2006

Copyright © 2006 EDR, Inc. © 2006 Tele Atlas Rel. 07/2005.

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	1	0	NR	NR	1
CORRACTS		1.000	1	0	0	0	NR	1
RCRA TSD		0.500	1	0	0	NR	NR	1
RCRA Lg. Quan. Gen.		0.250	1	0	NR	NR	NR	1
RCRA Sm. Quan. Gen.		0.250	8	3	NR	NR	NR	11
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
STATE AND LOCAL RECORDS								
State Haz. Waste		1.000	0	0	0	0	NR	0
DEL SHWS		1.000	0	1	0	0	NR	1
State Landfill		0.500	0	0	0	NR	NR	0
HIST LF		0.500	0	0	1	NR	NR	1
LUST		0.500	1	0	4	NR	NR	5
UST		0.250	2	0	NR	NR	NR	2
AST		0.250	0	2	NR	NR	NR	2
PEAS		TP	NR	NR	NR	NR	NR	0
AUL		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
BROWNFIELDS		0.500	0	0	0	NR	NR	0
AIRS		TP	NR	NR	NR	NR	NR	0
BEA		0.500	1	0	2	NR	NR	3
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN UST		0.250	0	0	NR	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	1	NR	1
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
ENE
< 1/8
79 ft.

Relative:
Higher

Actual:
963 ft.

MINIT-LUBE — **UST** — **U003319221**
714 WOODWARD — **N/A**
PONTIAC, MI 84119

Site 1 of 4 in cluster A

UST:

Facility ID:	00000203
Facility Status:	CLOSED
Tank ID:	1
Owner:	Quaker State Minit-Lube Inc
Owner Country:	USA
Owner Contact:	Not reported
Owner Address:	1385 W 2200 S SALT LAKE CITY, UT 84119
Owner Phone:	(801) 975-4617
Product:	NEW OIL
Capacity:	6000
Tank Status:	Removed from Ground
Remove Date:	Apr 14 1992
Constr Material:	Asphalt Coated or Bare Steel,Cathodically Protected Steel,Composite(Steel w/Fiberglass),F.G. REINFORCED COAT
Piping Material:	Galvanized Steel
Piping Type:	Suction: Valve at Tank
Contact:	CAROL M BELLON
Contact Phone:	(801) 975-4728
Impressed Device:	No
Install Date:	Aug 13 1987
Release Detection:	
Tank:	Not reported
Pipe:	Not reported

A2
ESE
< 1/8
110 ft.

Relative:
Higher

Actual:
964 ft.

DETROIT EDISON CO — **RCRA-SQG** — **1000366959**
761 S WOODWARD — **FINDS** — **MID000718833**
PONTIAC, MI 48341

Site 2 of 4 in cluster A

RCRAInfo:

Owner:	DETROIT EDISON CO
EPA ID:	MID000718833
Contact:	ELIZABETH KRUMBACH (313) 235-7553
Classification:	Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A3
ESE
< 1/8
110 ft.

Relative:
Higher

Actual:
964 ft.

DETROIT EDISON CO
761 S WOODWARD
PONTIAC, MI 48341

RCRA-SQG **1000366988**
MID000722546

Site 3 of 4 in cluster A

RCRAInfo:
Contact: ELIZABETH KRUMBACH
(313) 235-7553
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

A4
NE
< 1/8
116 ft.

Relative:
Higher

Actual:
962 ft.

MINIT LUBE 1274
714 WOODWARD
PONTIAC, MI 48341

RCRA-SQG **1000465162**
FINDS **MID985597913**

Site 4 of 4 in cluster A

RCRAInfo:
Contact: KEN HARPSTER
(313) 333-0880
Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

5
North
< 1/8
141 ft.

Relative:
Higher

Actual:
963 ft.

PONTIAC FUEL INC
45054 WOODWARD RD
PONTIAC, MI 48341

LUST **U003322334**
UST **N/A**

LUST:
Facility ID: 00011837
Release Date: May 8 2003
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Pontiac Fuel Inc
Owner Address : 45054 Woodward Rd
Pontiac, MI 48341
Country : USA
Owner Phone : 248-332-3549
Leak Number: C-0193-03
Site Name : Pontiac Fuel Stop Inc
Substance Released Gasoline,Gasoline,Gasoline,Gasoline,Diesel,Kerosene

UST:
Facility ID: 00011837
Facility Status: ACTIVE

PONTIAC FUEL INC (Continued) **U003322334**

Tank ID: 5
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline,UNLEADED,8
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: May 1 1988
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: May 3 1967
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: B
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: May 6 2003
Constr Material: Lined Interior
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: Jun 14 1991
Release Detection:
Tank: Automatic Tank Gauging, Inventory Control
Pipe: Automatic Line Leak Detectors

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: 6
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Kerosene,8
Capacity: 4000

PONTIAC FUEL INC (Continued) **U003322334**

Tank Status: Removed from Ground
Remove Date: May 1 1988
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: May 2 1961
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: 7
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline
Capacity: 20000
Tank Status: Currently In Use
Remove Date: Not reported
Constr Material: Double Walled, Fiberglass Reinforced plastic
Piping Material: Double Walled, Flexible Piping
Piping Type: Pressure
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: May 9 2003
Release Detection:
Tank: Automatic Tank Gauging, Inter Monitoring Double Walled Tank, Inventory Control, Manual Tank Gauging
Pipe: Automatic Line Leak Detectors

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: A
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: May 6 2003
Constr Material: Lined Interior
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No

PONTIAC FUEL INC (Continued) **U003322334**

Install Date: Jun 14 1991
Release Detection:
Tank: Automatic Tank Gauging, Inventory Control
Pipe: Automatic Line Leak Detectors

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: 4
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline,REGULAR,8
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: May 1 1988
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: May 3 1967
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: D
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: May 6 2003
Constr Material: Lined Interior
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: Jun 14 1991
Release Detection:
Tank: Automatic Tank Gauging, Inventory Control
Pipe: Automatic Line Leak Detectors

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: 2
Owner: Pontiac Fuel Inc

PONTIAC FUEL INC (Continued) **U003322334**

Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline,REGULAR,8
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: May 1 1988
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: May 3 1967
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: 3
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline,REGULAR,8
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: May 1 1988
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: May 3 1967
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: E
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Diesel
Capacity: 6000
Tank Status: Removed from Ground
Remove Date: May 6 2003

PONTIAC FUEL INC (Continued) **U003322334**

Constr Material: Lined Interior
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: Jun 14 1991
Release Detection:
Tank: Automatic Tank Gauging, Inventory Control
Pipe: Automatic Line Leak Detectors

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: 1
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline,PREMIUM,8
Capacity: 6000
Tank Status: Removed from Ground
Remove Date: May 17 1988
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: May 3 1967
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: F
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Kerosene
Capacity: 6000
Tank Status: Removed from Ground
Remove Date: May 6 2003
Constr Material: Lined Interior
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: Jun 14 1991
Release Detection:
Tank: Automatic Tank Gauging, Inventory Control

PONTIAC FUEL INC (Continued) **U003322334**

Pipe: Automatic Line Leak Detectors

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: C
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline
Capacity: 12000
Tank Status: Removed from Ground
Remove Date: May 6 2003
Constr Material: Lined Interior
Piping Material: Fiberglass reinforced plastic
Piping Type: Pressure
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: Jun 14 1991
Release Detection:
Tank: Automatic Tank Gauging, Inventory Control
Pipe: Automatic Line Leak Detectors

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: 9
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Diesel, Gasoline
Capacity: 10000
Tank Status: Currently In Use
Remove Date: Not reported
Constr Material: Double Walled, Fiberglass Reinforced plastic
Piping Material: Double Walled, Flexible Piping
Piping Type: Pressure
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: May 9 2003
Release Detection:
Tank: Automatic Tank Gauging, Inter Monitoring Double Walled Tank, Inventory Control, Manual Tank Gauging
Pipe: Automatic Line Leak Detectors

Facility ID: 00011837
Facility Status: ACTIVE
Tank ID: 8
Owner: Pontiac Fuel Inc
Owner Country: USA
Owner Contact: Not reported

PONTIAC FUEL INC (Continued) **U003322334**

Owner Address: 45054 Woodward Rd
Pontiac, MI 48341
Owner Phone: 248-332-3549
Product: Gasoline
Capacity: 15000
Tank Status: Currently In Use
Remove Date: Not reported
Constr Material: Double Walled, Fiberglass Reinforced plastic
Piping Material: Double Walled, Flexible Piping
Piping Type: Pressure
Contact: Mike Ajami
Contact Phone: (734) 332-3549
Impressed Device: No
Install Date: May 9 2003
Release Detection:
Tank: Automatic Tank Gauging, Inter Monitoring Double Walled Tank, Inventory Control, Manual Tank Gauging
Pipe: Automatic Line Leak Detectors

B6 **GENERAL MOTORS CORPORATION** **FINDS** **1000213200**
NE **200 SOUTH BOULEVARD** **RCRA-LQG** **MID980568836**
< 1/8 **PONTIAC, MI 48341** **RCRA-TSDF**
332 ft. **CORRACTS**
Site 1 of 2 in cluster B **NY MANIFEST**
Relative: Higher

CORRACTS Data:

Actual: 960 ft.

EPA Id: MID980568836
Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 03/30/1990
Corrective Action: CA050 - RFA Completed
2002 NAICS Title: Light Truck and Utility Vehicle Manufacturing

EPA Id: MID980568836
Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 03/31/1994
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
2002 NAICS Title: Light Truck and Utility Vehicle Manufacturing

EPA Id: MID980568836
Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 05/18/1990
Corrective Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
2002 NAICS Title: Light Truck and Utility Vehicle Manufacturing

EPA Id: MID980568836
Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 09/27/1991
Corrective Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
2002 NAICS Title: Light Truck and Utility Vehicle Manufacturing

GENERAL MOTORS CORPORATION (Continued) **1000213200**

RCRAInfo Corrective Action Summary:
Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 03/31/1994

Event: CA Prioritization, Facility or area was assigned a low corrective action priority.
Event Date: 09/27/1991

Event: RFA Determination Of Need For An RFI, RFI is Necessary;
Event Date: 05/18/1990

Event: RFA Completed
Event Date: 03/30/1990

RCRAInfo:
Owner: GENERAL MOTORS CORPORTATION
EPA ID: MID980568836

Contact: MARY MORGAN
(248) 753-6379

Classification: Large Quantity Generator, TSDF
TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 2003

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	35950.00	D002	1200.00
D006	6500.00	D018	1200.00
F005	400.00		

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 09/13/2004
Actual Date Achieved Compliance: 10/18/2004

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/17/2004
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 09/13/2004
Actual Date Achieved Compliance: 10/18/2004

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/17/2004
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 09/13/2004
Actual Date Achieved Compliance: 10/18/2004

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/17/2004
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-CONTAINER

GENERAL MOTORS CORPORATION (Continued) **1000213200**

Date Violation Determined: 03/31/1997
Actual Date Achieved Compliance: 05/12/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/31/1997
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 03/31/1997
Actual Date Achieved Compliance: 05/12/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 03/31/1997
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 04/24/1995
Actual Date Achieved Compliance: 11/16/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/24/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-OTHER REQUIREMENTS
Date Violation Determined: 04/24/1995
Actual Date Achieved Compliance: 11/16/1995

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/24/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS
Date Violation Determined: 06/08/1993
Actual Date Achieved Compliance: 10/07/1993

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/08/1993
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 09/29/1992
Actual Date Achieved Compliance: 10/19/1992

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/29/1992
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/12/1991
Actual Date Achieved Compliance: 07/19/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/12/1991
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 08/27/1990

GENERAL MOTORS CORPORATION (Continued) **1000213200**

Actual Date Achieved Compliance: 06/12/1991

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/17/1990
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 08/22/1989
Actual Date Achieved Compliance: 11/08/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 08/23/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 03/31/1989
Actual Date Achieved Compliance: 05/10/1989

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 04/05/1989
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-OTHER REQUIREMENTS (OVERSIGHT)
Date Violation Determined: 06/07/1988
Actual Date Achieved Compliance: 11/15/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/24/1988
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 06/07/1988
Actual Date Achieved Compliance: 11/15/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/24/1988
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-LAND BAN REQUIREMENTS
Date Violation Determined: 06/07/1988
Actual Date Achieved Compliance: 11/15/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 06/24/1988
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS
Date Violation Determined: 06/07/1988
Actual Date Achieved Compliance: 11/17/1988

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 09/14/1988
Penalty Type: Not reported

There are 17 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-MANIFEST REQUIREMENTS	20041018

GENERAL MOTORS CORPORATION (Continued) **1000213200**

	GENERATOR-LAND BAN REQUIREMENTS	20041018
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	20041018
Compliance Evaluation Inspection	GENERATOR-CONTAINER	19970512
	GENERATOR-LAND BAN REQUIREMENTS	19970512
Compliance Evaluation Inspection	GENERATOR-LAND BAN REQUIREMENTS	19951116
	GENERATOR-OTHER REQUIREMENTS	19951116
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS	19931007
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19921019
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910719
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19910612
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19891108
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19890510
Compliance Evaluation Inspection	TSD-OTHER REQUIREMENTS (OVERSIGHT)	19881115
	GENERATOR-LAND BAN REQUIREMENTS	19881115
	TSD-LAND BAN REQUIREMENTS	19881115
Financial Record Review	TSD-FINANCIAL RESPONSIBILITY REQUIREMENTS	19881117

FINDS:

Other Pertinent Environmental Activity Identified at Site:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

NY MANIFEST:

Document ID:	NYB9555993
Manifest Status:	Not reported
Trans1 State ID:	OHD068913409
Trans2 State ID:	Not reported
Generator Ship Date:	06/05/2003
Trans1 Recv Date:	06/05/2003
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	06/09/2003
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	MID980568836
Trans1 EPA ID:	NYD049836679
Trans2 EPA ID:	Not reported
TSDF ID:	0629746ME
Waste Code:	D006 - CADMIUM 1.0 MG/L TCLP
Quantity:	06500
Units:	P - Pounds
Number of Containers:	013

GENERAL MOTORS CORPORATION (Continued) **1000213200**

Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	01.00
Year:	03
Facility Type:	Generator
EPA ID:	MID980568836
Facility Name:	PONTIAC WEST ASSEMBLY PLANT
Facility Address:	600 SOUTH SAGINAW STREET
Facility City:	PONTIAC
Facility Zip 4:	Not reported
Country:	Not reported
County:	Not reported
Mailing Name:	PONTIAC WEST ASSEMBLY PLANT
Mailing Contact:	Not reported
Mailing Address:	600 SOUTH SAGINAW STREET
Mailing City:	PONTIAC
Mailing State:	MI
Mailing Zip:	48053
Mailing Zip4:	Not reported
Mailing Country:	Not reported
Mailing Phone:	313-456-3283

Click this hyperlink while viewing on your computer to access additional NY MANIFEST: detail in the EDR Site Report.

C7
SE
< 1/8
332 ft.

Relative: Higher

Actual: 966 ft.

INTERNATIONAL TRANSMISSION COMPANY LLC **RCRA-SQG** **1007119066**
44800 WOODWARD AVE **MIK677264236**
PONTIAC, MI 48341

Site 1 of 2 in cluster C

RCRAInfo:

Owner:	INTERNATIONAL TRANSMISSION CO LLC
EPA ID:	MIK677264236
Contact:	STEVEN SCZYTKO (248) 374-7100
Classification:	Conditionally Exempt Small Quantity Generator
TSDF Activities:	Not reported

Violation Status: No violations found

C8
SE
< 1/8
376 ft.

Relative: Higher

Actual: 967 ft.

ARNOLD JEROME CADILLAC SUBARU INC **RCRA-SQG** **1000334598**
815 WOODWARD AVE **FINDS** **MID981534704**
PONTIAC, MI 48341

Site 2 of 2 in cluster C

ARNOLD JEROME CADILLAC SUBARU INC (Continued) **1000334598**

RCRAInfo:
Owner: NAME NOT REPORTED
EPA ID: MID981534704

Contact: JOSEPH SALVADOR
(313) 334-0461

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D9 **CRESTVIEW CADILLAC - SUBARU** **RCRA-SQG** **1000390143**
North **675 S SAGINAW** **FINDS** **MID981797483**
< 1/8 **PONTIAC, MI 48341**
398 ft.

Site 1 of 2 in cluster D

Relative:
Higher

RCRAInfo:
Contact: MICHAEL GOTHAM
(313) 333-7021

Actual:
961 ft.

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

D10 **JEROME ARNOLD CADILLAC** **RCRA-SQG** **1000334597**
North **675 S SAGINAW** **FINDS** **MID042429530**
< 1/8 **PONTIAC, MI 48053**
398 ft.

Site 2 of 2 in cluster D

Relative:
Higher

Actual:
961 ft.

JEROME ARNOLD CADILLAC (Continued) **1000334597**

RCRAInfo:
Contact: MARSHALL PFAHLER
(313) 333-7021

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

B11
NE
< 1/8
399 ft.

HEAT TREAT SERVICES, INC. **BEA** **S105542002**
245 SOUTH BOULEVARD **N/A**
PONTIAC, MI 48341

Site 2 of 2 in cluster B

Relative:
Higher

Actual:
959 ft.

BEA:
Petition Disclosure: 0
BEA Number: 1761
District: Southeast MI
Date Received: 2002-07-24 00:59:00
Submitter Name: Heat Treat Services, Inc.
Petition Determination: No Request
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: mathewsb
Division Assigned: Environmental Response Division
Secondary Address: Not reported

E12
SE
< 1/8
656 ft.

AUTO CLINIC **RCRA-SQG** **1007264615**
44732 WOODWARD AVE **MIK754376697**
PONTIAC, MI 48341

Site 1 of 2 in cluster E

Relative:
Higher

Actual:
971 ft.

RCRAInfo:
Owner: JEFF MORAN
EPA ID: MIK754376697

Contact: JEFF MORAN
(248) 333-0800

Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

AUTO CLINIC (Continued) **1007264615**

Violation Status: No violations found

13
West
1/8-1/4
699 ft.

Relative:
Higher

Actual:
950 ft.

GM - PONTIAC CENTERPOINTE CAMPUS - WEST ENGINEERIN **AST** **A100282612**
200 SOUTH BLVD WEST **N/A**
PONTIAC, MI 48341

AST:

Facility ID:	91063321
Tank ID:	T1
Type:	ACTIVE
Tank Status:	Currently In Use
Content:	CL-GAS
Capacity:	1500
Owner:	GM - Pontiac Centerpoint Campus - West Engineering
Owner Address:	Mail Code 483-634-106 660 S Boulevard East Pontiac, MI 48341
Owner Contact:	Waldrop
Owner Country:	USA
District:	SE Michigan District Office
Install Date:	Sep 3 1996
Close Date:	Not reported
Facility Phone:	(248) 456-2107
Contact:	Susan Waldrop

Facility ID:	91063321
Tank ID:	T2
Type:	ACTIVE
Tank Status:	Currently In Use
Content:	FL-GAS
Capacity:	5000
Owner:	GM - Pontiac Centerpoint Campus - West Engineering
Owner Address:	Mail Code 483-634-106 660 S Boulevard East Pontiac, MI 48341
Owner Contact:	Waldrop
Owner Country:	USA
District:	SE Michigan District Office
Install Date:	Sep 3 1996
Close Date:	Not reported
Facility Phone:	(248) 456-2107
Contact:	Susan Waldrop

Facility ID:	91063321
Tank ID:	T3
Type:	ACTIVE
Tank Status:	Currently In Use
Content:	FL-GAS
Capacity:	5000
Owner:	GM - Pontiac Centerpoint Campus - West Engineering
Owner Address:	Mail Code 483-634-106 660 S Boulevard East Pontiac, MI 48341
Owner Contact:	Waldrop
Owner Country:	USA
District:	SE Michigan District Office
Install Date:	Sep 3 1996
Close Date:	Not reported
Facility Phone:	(248) 456-2107
Contact:	Susan Waldrop

GM - PONTIAC CENTERPOINTE CAMPUS - WEST ENGINEERIN (Continued) **A100282612**

Facility ID: 91063321
Tank ID: T4
Type: ACTIVE
Tank Status: Currently In Use
Content: FL-GAS
Capacity: 5000
Owner: GM - Pontiac Centerpoint Campus - West Engineering
Owner Address: Mail Code 483-634-106 660 S Boulevard East
Pontiac, MI 48341
Owner Contact: Waldrop
Owner Country: USA
District: SE Michigan District Office
Install Date: Sep 3 1996
Close Date: Not reported
Facility Phone: (248) 456-2107
Contact: Susan Waldrop

E14
SE
1/8-1/4
772 ft.

Relative:
Higher

Actual:
971 ft.

PONTIAC MEDICAL ASSOCIATES MERCURY SPILL **CERC-NFRAP** **1005440719**
44696 WOODWARD **MIN000508263**
PONTIAC, MI 48341

Site 2 of 2 in cluster E

CERCLIS-NFRAP Classification Data:
Federal Facility: Not a Federal Facility
Non NPL Code: Removal Only Site (No Site Assessment Work Needed)
NPL Status: Not on the NPL
Site Description: Mercury spill form broken sphymomanometer in a doctor's office. An employee initially cleaned up the spill. After air monitoring was conducted by U.S. EPA, the facility agreed to hire a contractor to clean up the spill.

CERCLIS-NFRAP Assessment History:
Assessment: PRP EMERGENCY REMOVAL Completed: 10/31/2001
Assessment: ARCHIVE SITE Completed: 07/20/2005

15
SE
1/8-1/4
900 ft.

Relative:
Higher

Actual:
971 ft.

MEDICAL ASSOCIATES INC **RCRA-SQG** **1007097086**
44656 WOODWARD AVE **MIK296174477**
PONTIAC, MI 48341

RCRAInfo:
Owner: EUGENE AND JEANETTE CAMPBELL ROGERS
EPA ID: MIK296174477
Contact: EUGENE ROGERS
(248) 335-5911
Classification: Conditionally Exempt Small Quantity Generator
TSDF Activities: Not reported

MEDICAL ASSOCIATES INC (Continued) **1007097086**

Violation Status: No violations found

16
East
1/8-1/4
916 ft.

MULT A FRAME CORP
366 S BLVD E
PONTIAC, MI 48341

RCRA-SQG **1000390848**
FINDS **MID005348123**

Relative:
Higher

Actual:
957 ft.

RCRAInfo:
Owner: NAME NOT REPORTED
EPA ID: MID005348123

Contact: ROBERT TURLEY
(313) 338-9271

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

17
North
1/8-1/4
1036 ft.

CONSUMERS ENERGY - FRANKLIN SUBSTATION
68 W WILSON ST
PONTIAC, MI 48340

RCRA-SQG **1000375564**
FINDS **MID981954225**

Relative:
Higher

Actual:
959 ft.

RCRAInfo:
Owner: NAME NOT REPORTED
EPA ID: MID981954225

Contact: WARD WILSON
(517) 788-1969

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

18
North
1/8-1/4
1254 ft.

Relative:
Higher

Actual:
959 ft.

EASTERN OIL
590 S PADDOCK ST
PONTIAC, MI 48341

AST **1001156259**
N/A

AST:

Facility ID:	91063068
Tank ID:	9
Type:	ACTIVE
Tank Status:	Currently In Use
Content:	Hazardous Substance
Capacity:	18000
Owner:	Eastern Oil
Owner Address:	590 S Paddock St Pontiac, MI 48341
Owner Contact:	Not reported
Owner Country:	USA
District:	SE Michigan District Office
Install Date:	Not reported
Close Date:	Not reported
Facility Phone:	(248) 333-1333
Contact:	MARV FERGUSON

Facility ID:	91063068
Tank ID:	10
Type:	ACTIVE
Tank Status:	Currently In Use
Content:	FL- DEISEL
Capacity:	18000
Owner:	Eastern Oil
Owner Address:	590 S Paddock St Pontiac, MI 48341
Owner Contact:	Not reported
Owner Country:	USA
District:	SE Michigan District Office
Install Date:	Not reported
Close Date:	Not reported
Facility Phone:	(248) 333-1333
Contact:	MARV FERGUSON

Facility ID:	91063068
Tank ID:	11
Type:	ACTIVE
Tank Status:	Currently In Use
Content:	FL- KEROSINE
Capacity:	18000
Owner:	Eastern Oil
Owner Address:	590 S Paddock St Pontiac, MI 48341
Owner Contact:	Not reported
Owner Country:	USA
District:	SE Michigan District Office
Install Date:	Aug 11 1992
Close Date:	Not reported
Facility Phone:	(248) 333-1333
Contact:	MARV FERGUSON

19
South
1/8-1/4
1301 ft.

Relative:
Higher

Actual:
984 ft.

HOWLAND & LUTHER STREETS
HOWLAND / LUTHER
PONTIAC, MI 48341

DEL SHWS **S105966048**
N/A

DELETED HWS:
Facility ID : 63001014
Status : Delisted - no longer meets criteria specified in rules

---

F20
East
1/4-1/2
1710 ft.

Relative:
Higher

Actual:
951 ft.

ANKERSON RESOURCE SYSTEMS INC
400 SOUTH BLVD E
PONTIAC, MI 48054

Site 1 of 2 in cluster F

HIST LF **S102519183**
N/A

HIST LF:

Facility ID:	63000002	Contact:	B RICHARD
District:	S.E. Michigan	Active:	No
Facility Number:	000002	Towship Section:	04
Application Type:	Private	Facility Type:	Other
District:	Not reported	Business Type:	Not reported
Amount:	0.00	Fund Type:	Not reported
Issued Date:	Not reported	Facility Phone:	Not reported
Expires:	Not reported	License No:	Not reported
Expiry:	Not reported	Licensed:	Not reported
Facility Email:	Not reported	Permit Applicant:	ANKERSON RESOURCE SYSTEMS INC
Permit Contact:	B RICHARD ANKERSON 400 SOUTH BLVD EAST PONTIAC, MI 48054		
Applicant Phone:	Not reported		
Owner:	ANKERSON RESOURCE SYSTEMS INC.		
Owner Contact:	B RICHARD ANKERSON 400 SOUTH BLVD EAST PONTIAC, MI 00000		
Owner Phone:	Not reported		
Owner Fax:	Not reported	Owner Email:	Not reported
Owner Cont:	Not reported		

Liner Information:	Not reported
Section Number:	Not reported
Facility Township:	Not reported
Township Section:	Not reported
Nature of Wastes Allowed:	Not reported
Date of Expiry of Current License:	Not reported
Acreage Currently Licensed:	0.000
Acres Certified Closed:	0.000
Issue of 1st Construction Permit Date:	Not reported
Acres Given in 1st Construction Permit:	0.000
Acres Given in 2nd Construction Permit:	0.000
Issue of 3rd Construction Permit Date:	Not reported
Acres Given in 3rd Construction Permit:	0.000
Restrictive Deed Covenant Filed:	Not reported
Perpetual Care Fund Signed:	Not reported
Perpetual Care Fund Agreement Signed:	Not reported
Perpetual Care Fund Type:	Not reported
Groundwater Monitoring System Exists:	Not reported
Date landill Certified Closed:	Not reported
Liner Type:	Not reported
Reported Date:	Not reported

ANKERSON RESOURCE SYSTEMS INC (Continued) **S102519183**

Received Waste on or After Oct. 9, 1991:	Not reported		
Site Monitorable Under Definition of New Rules:	Not reported		
County Code:	63		
County Description:	Not reported		
County 2 Description:	Not reported		
Financial Instrument:	Not reported		
Facility Fax:	Not reported	Facility Contact:	Not reported
Facility Type 2:	Not reported	Facility Type 3:	Not reported
Facility Type 4:	Not reported	Facility Type:	Not reported
Staff:	Not reported	Permit Date:	Not reported
Permit Number:	Not reported	License Date:	/ /
Facility Town:	BLOOMFIELD		
No Waste:	Not reported		
Operator:	Not reported		
Operator Contact:	Not reported		
	Not reported		
	Not reported		
Operator Phone:	Not reported		
Operator Email:	Not reported		
Operator Fax:	Not reported		
Enforcement:	Not reported		
Exp Letters:	Not reported		
Comments:	Not reported		

F21 **GAUKLER STORAGE CO** **LUST U003323147**
East **400 SOUTH BLVD E** **UST N/A**
1/4-1/2 **PONTIAC, MI 48341**
1710 ft.

Site 2 of 2 in cluster F

Relative:
Higher

Actual:
951 ft.

LUST:

Facility ID:	00014737
Release Date:	Jun 9 1999
Facility Status:	**Closed**
District:	SE Michigan District Office
Closed Date:	Sep 27 1999
Owner Contact :	Not reported
Owner Name :	Gaukler Storage Co
Owner Address :	400 South Blvd E
	Pontiac, MI 48341
Country :	USA
Owner Phone :	(248) 858-8000
Leak Number:	C-0545-99
Site Name :	Gaukler Storage Co
Substance Released	Unknown

UST:

Facility ID:	00014737
Facility Status:	CLOSED
Tank ID:	1
Owner:	Gaukler Storage Co
Owner Country:	USA
Owner Contact:	Not reported
Owner Address:	400 South Blvd E
	Pontiac, MI 48341
Owner Phone:	(248) 858-8000
Product:	Diesel
Capacity:	10000
Tank Status:	Removed from Ground

GAUKLER STORAGE CO (Continued) **U003323147**

Remove Date: Apr 9 1999
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: GENE STANLEY
Contact Phone: (248) 858-8000
Impressed Device: No
Install Date: Mar 6 1980
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00014737
Facility Status: CLOSED
Tank ID: 2
Owner: Gaukler Storage Co
Owner Country: USA
Owner Contact: Not reported
Owner Address: 400 South Blvd E
Pontiac, MI 48341
Owner Phone: (248) 858-8000
Product: Gasoline
Capacity: 5000
Tank Status: Removed from Ground
Remove Date: Jun 9 1999
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: GENE STANLEY
Contact Phone: (248) 858-8000
Impressed Device: No
Install Date: Mar 6 1980
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00014737
Facility Status: CLOSED
Tank ID: 3
Owner: Gaukler Storage Co
Owner Country: USA
Owner Contact: Not reported
Owner Address: 400 South Blvd E
Pontiac, MI 48341
Owner Phone: (248) 858-8000
Product: Gasoline
Capacity: 5000
Tank Status: Removed from Ground
Remove Date: Jun 9 1999
Constr Material: Asphalt Coated or Bare Steel,Lined Interier
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: GENE STANLEY
Contact Phone: (248) 858-8000
Impressed Device: No
Install Date: Mar 6 1980
Release Detection:

GAUKLER STORAGE CO (Continued) **U003323147**

Tank: Not reported
Pipe: Not reported

G22 **LIGHT INDUSTRIAL BUILDING** **BEA** **S106802536**
SW **554 FRANKLIN ROAD** **N/A**
1/4-1/2 **PONTIAC, MI 48341**
1765 ft.

Site 1 of 2 in cluster G

Relative: Higher

Actual: 960 ft.

BEA:
Petition Disclosure: 0
BEA Number: 2721
District: Southeast MI
Date Received: 2005-02-17 00:59:00
Submitter Name: 554, LLC
Petition Determination: No Request
Category: No Hazardous Substance(s)
Determination 20107A: No Request
Reviewer: mathewsb
Division Assigned: Environmental Response Division
Secondary Address: Not reported

G23 **TRUCK CENTER** **LUST** **U000262877**
SW **554 FRANKLIN RD** **UST** **N/A**
1/4-1/2 **PONTIAC, MI 48341**
1765 ft.

Site 2 of 2 in cluster G

Relative: Higher

Actual: 960 ft.

LUST:
Facility ID: 00021822
Release Date: Jun 19 1997
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : Northtown Bldg & Developer Inc
Owner Address : PO Box 489
Livonia, LA 70755
Country : USA
Owner Phone : (504) 627-4533
Leak Number: C-0473-97
Site Name : Truck Center
Substance Released Unknown

UST:
Facility ID: 00021822
Facility Status: CLOSED
Tank ID: 1
Owner: Northtown Bldg & Developer Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: PO Box 489
Livonia, LA 70755
Owner Phone: (504) 627-4533
Product: Diesel
Capacity: 10000
Tank Status: Removed from Ground
Remove Date: Jun 19 1997
Constr Material: Asphalt Coated or Bare Steel

TRUCK CENTER (Continued) **U000262877**

Piping Material: Bare Steel
Piping Type: Not reported
Contact: AL BROWN
Contact Phone: (248) 557-1609
Impressed Device: No
Install Date: Jun 25 1976
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00021822
Facility Status: CLOSED
Tank ID: 2
Owner: Northtown Bldg & Developer Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: PO Box 489
Livonia, LA 70755
Owner Phone: (504) 627-4533
Product: Diesel
Capacity: 3000
Tank Status: Removed from Ground
Remove Date: Jun 19 1997
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: AL BROWN
Contact Phone: (248) 557-1609
Impressed Device: No
Install Date: Jun 25 1956
Release Detection:
Tank: Not reported
Pipe: Not reported

Facility ID: 00021822
Facility Status: CLOSED
Tank ID: 3
Owner: Northtown Bldg & Developer Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: PO Box 489
Livonia, LA 70755
Owner Phone: (504) 627-4533
Product: Used Oil
Capacity: 3000
Tank Status: Removed from Ground
Remove Date: Jun 19 1997
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: AL BROWN
Contact Phone: (248) 557-1609
Impressed Device: No
Install Date: Jun 25 1956
Release Detection:
Tank: Not reported
Pipe: Not reported

TRUCK CENTER (Continued) **U000262877**

Facility ID: 00021822
Facility Status: CLOSED
Tank ID: 4
Owner: Northtown Bldg & Developer Inc
Owner Country: USA
Owner Contact: Not reported
Owner Address: PO Box 489
Livonia, LA 70755
Owner Phone: (504) 627-4533
Product: Used Oil
Capacity: 2000
Tank Status: Removed from Ground
Remove Date: Jun 19 1997
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel
Piping Type: Not reported
Contact: AL BROWN
Contact Phone: (248) 557-1609
Impressed Device: No
Install Date: Jun 25 1976
Release Detection:
Tank: Not reported
Pipe: Not reported

24
West
1/4-1/2
1894 ft.

PONTIAC STATION #2 PONTIAC FIRE **LUST U003321099**
348 SOUTH BLVD W **UST N/A**
PONTIAC, MI 48341

Relative:
Lower

Actual:
944 ft.

LUST:
Facility ID: 00007475
Release Date: Feb 26 1999
Facility Status: Open
District: SE Michigan District Office
Closed Date: Not reported
Owner Contact : Not reported
Owner Name : City of Pontiac
Owner Address : 47450 Woodward Ave
Pontiac, MI 48342
Country : USA
Owner Phone : (248) 857-7611
Leak Number: C-0198-99
Site Name : Pontiac Station #2 Pontiac Fire
Substance Released Diesel

UST:
Facility ID: 00007475
Facility Status: CLOSED
Tank ID: 1
Owner: City of Pontiac
Owner Country: USA
Owner Contact: Not reported
Owner Address: 47450 Woodward Ave
Pontiac, MI 48342
Owner Phone: (248) 857-7611
Product: Diesel
Capacity: 550
Tank Status: Removed from Ground

PONTIAC STATION #2 PONTIAC FIRE (Continued) **U003321099**

Remove Date: Mar 1 1999
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Not reported
Contact: RONALD RAYNER
Contact Phone: (248) 857-7665
Impressed Device: No
Install Date: Mar 17 1970
Release Detection:
Tank: Not reported
Pipe: Not reported

25
SE
1/4-1/2
1925 ft.

ST JOSEPH MERCY HOSPITAL / OAKLAND **RCRA-SQG** **1000265678**
44405 WOODWARD AVE **FINDS** **MID067359240**
PONTIAC, MI 48341 **LUST**
UST

Relative:
Higher

Actual:
969 ft.

RCRAInfo:
Owner: TRINITY HEALTH
EPA ID: MID067359240

Contact: RON PLASDKY
(248) 858-3073

Classification: Small Quantity Generator
TSDF Activities: Not reported

Violation Status: Violations exist

Regulation Violated: Not reported
Area of Violation: GENERATOR-GENERAL REQUIREMENTS
Date Violation Determined: 11/14/1995
Actual Date Achieved Compliance: 03/13/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/14/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 11/14/1995
Actual Date Achieved Compliance: 03/13/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/14/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-LAND BAN REQUIREMENTS
Date Violation Determined: 11/14/1995
Actual Date Achieved Compliance: 03/13/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/14/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-PRE-TRANSPORT REQUIREMENTS
Date Violation Determined: 11/14/1995
Actual Date Achieved Compliance: 03/13/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/14/1995
Penalty Type: Not reported

ST JOSEPH MERCY HOSPITAL / OAKLAND (Continued) **1000265678**

Regulation Violated: Not reported
Area of Violation: GENERATOR-MANIFEST REQUIREMENTS
Date Violation Determined: 11/14/1995
Actual Date Achieved Compliance: 03/13/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/14/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-RECORDKEEPING REQUIREMENTS
Date Violation Determined: 11/14/1995
Actual Date Achieved Compliance: 03/13/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/14/1995
Penalty Type: Not reported

Regulation Violated: Not reported
Area of Violation: GENERATOR-CONTAINER
Date Violation Determined: 11/14/1995
Actual Date Achieved Compliance: 03/13/1997

Enforcement Action: WRITTEN INFORMAL
Enforcement Action Date: 11/14/1995
Penalty Type: Not reported

There are 7 violation record(s) reported at this site:

Evaluation	Area of Violation	Date of Compliance
Compliance Evaluation Inspection	GENERATOR-GENERAL REQUIREMENTS	19970313
	GENERATOR-RECORDKEEPING REQUIREMENTS	19970313
	GENERATOR-LAND BAN REQUIREMENTS	19970313
	GENERATOR-PRE-TRANSPORT REQUIREMENTS	19970313
	GENERATOR-MANIFEST REQUIREMENTS	19970313
	GENERATOR-RECORDKEEPING REQUIREMENTS	19970313
	GENERATOR-CONTAINER	19970313

FINDS:
Other Pertinent Environmental Activity Identified at Site:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

LUST:
Facility ID: 00016299
Release Date: Jul 9 1997
Facility Status: Closed
District: SE Michigan District Office
Closed Date: Oct 7 1997
Owner Contact : Not reported
Owner Name : St Joseph Mercy-Oakland
Owner Address : 44405 Woodward Ave
Pontiac, MI 48341
Country : USA
Owner Phone : (248) 858-3000
Leak Number: C-0526-97
Site Name : St Joseph Mercy-oakland
Substance Released Diesel

ST JOSEPH MERCY HOSPITAL / OAKLAND (Continued) **1000265678**

Facility ID: 00016299
Release Date: Sep 24 2002
Facility Status: Closed
District: SE Michigan District Office
Closed Date: Dec 30 2002
Owner Contact : Not reported
Owner Name : St Joseph Mercy-Oakland
Owner Address : 44405 Woodward Ave
Pontiac, MI 48341
Country : USA
Owner Phone : (248) 858-3000
Leak Number: C-0555-02
Site Name : St Joseph Mercy-oakland
Substance Released Diesel

Facility ID: 00016299
Release Date: Jan 10 2003
Facility Status: Closed
District: SE Michigan District Office
Closed Date: May 6 2003
Owner Contact : Not reported
Owner Name : St Joseph Mercy-Oakland
Owner Address : 44405 Woodward Ave
Pontiac, MI 48341
Country : USA
Owner Phone : (248) 858-3000
Leak Number: C-0016-03
Site Name : St Joseph Mercy-oakland
Substance Released Diesel

Facility ID: 00016299
Release Date: Sep 10 2002
Facility Status: Closed
District: SE Michigan District Office
Closed Date: Feb 10 2003
Owner Contact : Not reported
Owner Name : St Joseph Mercy-Oakland
Owner Address : 44405 Woodward Ave
Pontiac, MI 48341
Country : USA
Owner Phone : (248) 858-3000
Leak Number: C-0516-02
Site Name : St Joseph Mercy-oakland
Substance Released Diesel

UST:
Facility ID: 00016299
Facility Status: ACTIVE
Tank ID: C
Owner: St Joseph Mercy-Oakland
Owner Country: USA
Owner Contact: Not reported
Owner Address: 44405 Woodward Ave
Pontiac, MI 48341
Owner Phone: (248) 858-3000
Product: Diesel
Capacity: 6000

ST JOSEPH MERCY HOSPITAL / OAKLAND (Continued) **1000265678**

Tank Status: Removed from Ground
Remove Date: Jul 10 1997
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel,Galvanized Steel
Piping Type: Suction: No Valve At Tank
Contact: GERALD R TILSON
Contact Phone: (248) 858-3075
Impressed Device: No
Install Date: Apr 24 1980
Release Detection:
Tank: Groundwater Monitoring,Inventory Control,Manual Tank Gauging,Tank Tightness Testing
Pipe: Not reported

Facility ID: 00016299
Facility Status: ACTIVE
Tank ID: E
Owner: St Joseph Mercy-Oakland
Owner Country: USA
Owner Contact: Not reported
Owner Address: 44405 Woodward Ave
Pontiac, MI 48341
Owner Phone: (248) 858-3000
Product: Diesel
Capacity: 3000
Tank Status: Removed from Ground
Remove Date: Aug 15 2002
Constr Material: Double Walled,Fiberglass Reinforced plastic
Piping Material: Double Walled,Flexible Piping
Piping Type: Suction: No Valve At Tank
Contact: GERALD R TILSON
Contact Phone: (248) 858-3075
Impressed Device: No
Install Date: Jul 1 1997
Release Detection:
Tank: Automatic Tank Gauging,Inter Monitoring Double Walled Tank
Pipe: Interstitial Monitoring Double Walled Piping

Facility ID: 00016299
Facility Status: ACTIVE
Tank ID: D
Owner: St Joseph Mercy-Oakland
Owner Country: USA
Owner Contact: Not reported
Owner Address: 44405 Woodward Ave
Pontiac, MI 48341
Owner Phone: (248) 858-3000
Product: Diesel
Capacity: 10000
Tank Status: Currently In Use
Remove Date: Not reported
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Double Walled
Piping Type: Suction: Valve at Tank
Contact: GERALD R TILSON
Contact Phone: (248) 858-3075
Impressed Device: No

ST JOSEPH MERCY HOSPITAL / OAKLAND (Continued) **1000265678**

Install Date: Sep 16 1992
Release Detection:
Tank: Automatic Tank Gauging,Inter Monitoring Double Walled Tank,Inter Monitoring/Second Containment,Tank Tightness Testing,Vapor Monitoring
Pipe: Line Tightness Testing

Facility ID: 00016299
Facility Status: ACTIVE
Tank ID: A
Owner: St Joseph Mercy-Oakland
Owner Country: USA
Owner Contact: Not reported
Owner Address: 44405 Woodward Ave
Pontiac, MI 48341
Owner Phone: (248) 858-3000
Product: HEATING OIL
Capacity: 20000
Tank Status: Removed from Ground
Remove Date: Dec 1 1992
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Bare Steel,Galvanized Steel
Piping Type: Suction: No Valve At Tank
Contact: GERALD R TILSON
Contact Phone: (248) 858-3075
Impressed Device: No
Install Date: Apr 25 1967
Release Detection:
Tank: Automatic Tank Gauging,Groundwater Monitoring,Inter Monitoring Double Walled Tank,Inter Monitoring/Second Containment,Inventory Control,Manual Tank Gauging,Tank Tightness Testing,Vapor Monitoring
Pipe: Not reported

Facility ID: 00016299
Facility Status: ACTIVE
Tank ID: B
Owner: St Joseph Mercy-Oakland
Owner Country: USA
Owner Contact: Not reported
Owner Address: 44405 Woodward Ave
Pontiac, MI 48341
Owner Phone: (248) 858-3000
Product: Diesel
Capacity: 2000
Tank Status: Removed from Ground
Remove Date: Dec 1 1992
Constr Material: Asphalt Coated or Bare Steel
Piping Material: Galvanized Steel
Piping Type: Suction: No Valve At Tank
Contact: GERALD R TILSON
Contact Phone: (248) 858-3075
Impressed Device: No
Install Date: Apr 25 1967
Release Detection:
Tank: Groundwater Monitoring,Inventory Control,Manual Tank Gauging,Tank Tightness Testing
Pipe: Not reported

26
NE
1/4-1/2
2464 ft.

PARTS PACKAGING
391 E. WILSON AVENUE
PONTIAC, MI 48341

BEA **S104910825**
N/A

Relative:
Higher

Actual:
950 ft.

BEA:

Petition Disclosure:	1
BEA Number:	286
District:	Southeast MI
Date Received:	1997-03-11 00:00:00
Submitter Name:	KALE HOLDINGS, L.L.C.
Petition Determination:	Affirmed
Category:	No Hazardous Substance(s)
Determination 20107A:	Denied
Reviewer:	berakr
Division Assigned:	Environmental Response Division
Secondary Address:	Not reported

27
NNW
1/2-1
5072 ft.

CITY GAS WORKS
55 WESSEN STREET
PONTIAC, MI 48341

Manufactured Gas Plants **1008408145**
N/A

Relative:
Lower

Actual:
931 ft.

Alternate Name: MRS. L.R. MEDBURY PONTIAC GAS WORKS;PONTIAC LIGHT CO GAS WORKS; MICHIGAN LIGHT CO;CONSUMERS POWER CO.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLOOMFIELD HILLS	S103594527	SHELL DRY WELL 1 TELEGRAPH	1415 TELEGRAPH @ GOLF	48302	SHWS
PONTIAC	S104912198	KALTAR CORPORATION - 1ST PETITIONER	(ALSO REFER TO CARDINAL AUTOMOTIVE, INC.		BEA
PONTIAC	S105966042	PONTIAC STORAGE	-0-	48341	DEL SHWS
PONTIAC	S105768598	PONTIAC HOLDINGS, LLC	25 ACRE VACANT PROPERTY		BEA
PONTIAC	1000465321	MI DEPT/TRANSPORTATION BRIDGE S01-63052	US-10 AT ORCHARD LAKE RD	48341	RCRA-SQG, FINDS
PONTIAC	1003834459	GM TRUCK AND BUS PONTIAC CENTRAL	660 S. BLVD. E	48341	SHWS
PONTIAC	S107466649	LANDSTONE PONTIAC PARTNERS LLC	SOUTHEAST CORNER OF SANDERSON AVENUE		BEA
PONTIAC	U000263107	PEPSI-COLA PONTIAC WAREHOUSE	960 FEATHERSTONE ST	48342	LUST, PEAS, UST
PONTIAC	1007101454	AKZO NOBEL COATINGS INC	120 FRANKLIN	48341	RCRA-LQG
PONTIAC	1007140527	AKZO NOBEL COATINGS INC	120 FRANKLIN	48341	FINDS, AST
PONTIAC	94386566	GENERAL MOTORS TRUCK PONTIAC CENTRAL 660 SOUTH BLVD	GENERAL MOTORS TRUCK PONTIAC CENTRAL 660 SOUTH BLVD		ERNS
PONTIAC	1000331099	SUNOCO SERVICE STATION	7660 HIGHLAND RD	48341	RCRA-SQG, FINDS
PONTIAC	1000465135	MINIT LUBE 1036	7585 HIGHLAND RD	48341	RCRA-SQG, FINDS
PONTIAC	S107135829	HOWLAND AND LUTHER STREETS, VACANT LOT	HOWLAND AND LUTHER STREETS		BROWNFIELDS
PONTIAC	S104911457	RALLY'S RESTAURANT (FORMER)	684 NORTH MARTIN LUTHER KING BLVD.		BEA
PONTIAC	S104911714	RALLY'S RESTAURANT(FORMER)	684 NORTH MARTIN LUTHER KING BLVD.		BEA
PONTIAC	S107697595	GENERAL MOTORS CORPORATION, PONTIAC ASSY CENTER	2100 S. OPDYKE RD.	48341	AIRS
PONTIAC	S107543673	CITY OF PONTIAC - WATER AND SEWER MAINTENANCE DIVI	522 SOUTH OPDYKE ROAD	48341	AUL
PONTIAC	1009267438	GMC TRUCK/PONTIAC	820 OPDYKE RD	48341	ICIS
PONTIAC	S107544026	SCHROEDER SUNOCO	440 N. PADDOCK STREET	48342	AUL
PONTIAC	2002598920	PONTIAC STATION	PONTIAC STATION		ERNS
PONTIAC	U000262918	PONTIAC WEST ASSEMBLY	600 S SAGINAW ST	48341	LUST, UST
PONTIAC	S107699049	OAKLAND CO. SERVICE CENTER - CENTRAL STEAM PLANT	1200 NORTH TELEGRAPH BUILDING	48341	AIRS
PONTIAC	1008222792	OAKLAND CO. SERVICE CENTER - CENTRAL STEAM PLANT	1200 NORTH TELEGRAPH BUILDING	48341	FINDS
PONTIAC	S104912438	PONTIAC CITY OF	VACANT 9-ACRE PROPERTY NE CORNER		BEA
PONTIAC	S105144543	ASPHALT SPECIALIST INC	1908 WIDE TRACK DRIVE	48342	SHWS, DEL SHWS
PONTIAC	U001147877	WOODWARD OFFICE PLAZA	800 WOODWARD AVE	48341	LUST, UST
PONTIAC	U001147975	SPEEDY MUFFLER KING	810 WOODWARD AVE	48341	LUST, UST

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D006	CADMIUM
D018	BENZENE
F005	THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 8
Telephone: 303-312-6774

EPA Region 4
Telephone 404-562-8033

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/19/2006
Date Data Arrived at EDR: 05/05/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 17

Source: EPA
Telephone: N/A
Last EDR Contact: 05/05/2006
Next Scheduled EDR Contact: 07/31/2006
Data Release Frequency: Quarterly

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 03/21/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 23

Source: EPA
Telephone: 703-413-0223
Last EDR Contact: 06/23/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 04/13/2006
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/21/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/09/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 33

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 01/12/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 40

Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Last EDR Contact: 04/26/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/14/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 03/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006
Date Data Arrived at EDR: 03/27/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 703-603-8905
Last EDR Contact: 03/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Varies

DOD: Department of Defense Sites
This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites
The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 01/19/2006
Date Made Active in Reports: 02/21/2006
Number of Days to Update: 33

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 04/26/2006
Date Data Arrived at EDR: 04/27/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 04/25/2005
Number of Days to Update: 69

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/13/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/13/2006
Date Data Arrived at EDR: 04/28/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 32

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/05/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005
Date Data Arrived at EDR: 11/28/2005
Date Made Active in Reports: 01/30/2006
Number of Days to Update: 63

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 06/21/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 07/13/2005
Date Made Active in Reports: 08/17/2005
Number of Days to Update: 35

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 06/22/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002
Date Data Arrived at EDR: 04/14/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 04/12/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/29/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 03/31/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 05/11/2006
Date Made Active in Reports: 05/22/2006
Number of Days to Update: 11

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006
Date Data Arrived at EDR: 04/21/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 04/11/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/27/2005
Date Data Arrived at EDR: 02/08/2006
Date Made Active in Reports: 02/27/2006
Number of Days to Update: 19

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/12/2006
Date Data Arrived at EDR: 04/26/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 34

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/09/2006
Date Data Arrived at EDR: 03/29/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 62

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/28/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Semi-Annually

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/27/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 28

Source: EPA
Telephone: N/A
Last EDR Contact: 04/03/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/05/2006
Next Scheduled EDR Contact: 09/04/2006
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003
Date Data Arrived at EDR: 06/17/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 48

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/16/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Contaminated Sites

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/24/2006
Date Made Active in Reports: 06/08/2006
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 05/24/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Semi-Annually

DEL SHWS: Delisted List of Contaminated Sites

Sites that have been delisted or deleted from the List of Contaminated Sites. The available documentation for the site does not support it's listing or the site no longer meets criteria specified in rules.

Date of Government Version: 05/30/2006
Date Data Arrived at EDR: 05/30/2006
Date Made Active in Reports: 06/08/2006
Number of Days to Update: 9

Source: Department of Environmental Quality
Telephone: 517-373-9541
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

SWF/LF: Solid Waste Facilities Database

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/01/2006
Date Data Arrived at EDR: 05/15/2006
Date Made Active in Reports: 06/08/2006
Number of Days to Update: 24

Source: Department of Environmental Quality
Telephone: 517-335-4035
Last EDR Contact: 05/08/2006
Next Scheduled EDR Contact: 07/24/2006
Data Release Frequency: Semi-Annually

HIST LF: Inactive Solid Waste Facilities

The database contains historical information and is no longer updated.

Date of Government Version: 03/01/1997
Date Data Arrived at EDR: 02/28/2003
Date Made Active in Reports: 03/06/2003
Number of Days to Update: 6

Source: Department of Environmental Quality
Telephone: 517-335-4034
Last EDR Contact: 02/28/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LUST: Leaking Underground Storage Tank Sites

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/13/2006
Date Data Arrived at EDR: 03/15/2006
Date Made Active in Reports: 04/18/2006
Number of Days to Update: 34

Source: Department of Environmental Quality
Telephone: 517-373-9837
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tank Facility List
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 03/13/2006
Date Data Arrived at EDR: 03/15/2006
Date Made Active in Reports: 04/12/2006
Number of Days to Update: 28

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

AST: Aboveground Tanks
Registered Aboveground Storage Tanks.

Date of Government Version: 03/23/2006
Date Data Arrived at EDR: 03/23/2006
Date Made Active in Reports: 04/24/2006
Number of Days to Update: 32

Source: Department of Environmental Quality
Telephone: 517-373-8168
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: No Update Planned

PEAS: Pollution Emergency Alerting System
Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances.

Date of Government Version: 03/22/2006
Date Data Arrived at EDR: 03/28/2006
Date Made Active in Reports: 04/18/2006
Number of Days to Update: 21

Source: Department of Environmental Quality
Telephone: 517-373-8427
Last EDR Contact: 03/06/2006
Next Scheduled EDR Contact: 04/03/2006
Data Release Frequency: Quarterly

AUL: Engineering and Institutional Controls
A listing of sites with institutional and/or engineering controls in place.

Date of Government Version: 02/01/2006
Date Data Arrived at EDR: 02/15/2006
Date Made Active in Reports: 03/17/2006
Number of Days to Update: 30

Source: Department of Environmental Quality
Telephone: 517-373-4828
Last EDR Contact: 06/26/2006
Next Scheduled EDR Contact: 09/25/2006
Data Release Frequency: Varies

DRYCLEANERS: Drycleaning Establishments
A listing of drycleaning facilities in Michigan.

Date of Government Version: 02/16/2006
Date Data Arrived at EDR: 03/30/2006
Date Made Active in Reports: 04/18/2006
Number of Days to Update: 19

Source: Department of Environmental Quality
Telephone: 517-335-4586
Last EDR Contact: 05/15/2006
Next Scheduled EDR Contact: 08/14/2006
Data Release Frequency: Varies

BROWNFIELDS: Brownfields and USTfield Site Database
All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan.

Date of Government Version: 02/23/2006
Date Data Arrived at EDR: 02/27/2006
Date Made Active in Reports: 03/17/2006
Number of Days to Update: 18

Source: Department of Environmental Quality
Telephone: 517-373-4805
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

AIRS: Permit and Emissions Inventory Data
Permit and emissions inventory data.

Date of Government Version: 05/01/2006
Date Data Arrived at EDR: 05/02/2006
Date Made Active in Reports: 06/08/2006
Number of Days to Update: 37

Source: Department of Environmental Quality
Telephone: 517-373-7074
Last EDR Contact: 04/06/2006
Next Scheduled EDR Contact: 07/17/2006
Data Release Frequency: Varies

BEA: BASELINE ENVIRONMENTAL ASSESSMENT DATABASE

Date of Government Version: 03/16/2006
Date Data Arrived at EDR: 03/16/2006
Date Made Active in Reports: 04/18/2006
Number of Days to Update: 33

Source: DEPT. OF ENVIRONMENTAL QUALITY
Telephone: 517-373-9541
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Semi-Annually

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 05/12/2006
Next Scheduled EDR Contact: 08/07/2006
Data Release Frequency: Semi-Annually

INDIAN UST: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004
Date Data Arrived at EDR: 12/29/2004
Date Made Active in Reports: 02/04/2005
Number of Days to Update: 37

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/23/2006
Next Scheduled EDR Contact: 08/21/2006
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Historical Auto Stations: EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 06/14/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 04/24/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 8

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/17/2006
Next Scheduled EDR Contact: 07/03/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/02/2006
Date Data Arrived at EDR: 05/31/2006
Date Made Active in Reports: 06/27/2006
Number of Days to Update: 27

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/31/2006
Next Scheduled EDR Contact: 08/28/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 06/12/2006
Next Scheduled EDR Contact: 09/11/2006
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 09/30/2005
Date Data Arrived at EDR: 05/09/2006
Date Made Active in Reports: 05/24/2006
Number of Days to Update: 15

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 06/19/2006
Next Scheduled EDR Contact: 09/18/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/17/2006
Next Scheduled EDR Contact: 07/10/2006
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Centers, Group & Family Homes
Source: Bureau of REgulatory Services
Telephone: 517-373-8300

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

17322 - PONTIAC, MI
SOUTH BLVD. WEST & HOWARD ST.
PONTIAC, MI 48341

TARGET PROPERTY COORDINATES

Latitude (North):	42.62180 - 42° 37' 18.5''
Longitude (West):	83.2846 - 83° 17' 4.6''
Universal Tranverse Mercator:	Zone 17
UTM X (Meters):	312638.6
UTM Y (Meters):	4721133.5
Elevation:	950 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	42083-F3 PONTIAC NORTH, MI
Most Recent Revision:	1997
South Map:	42083-E3 PONTIAC SOUTH, MI
Most Recent Revision:	1997

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

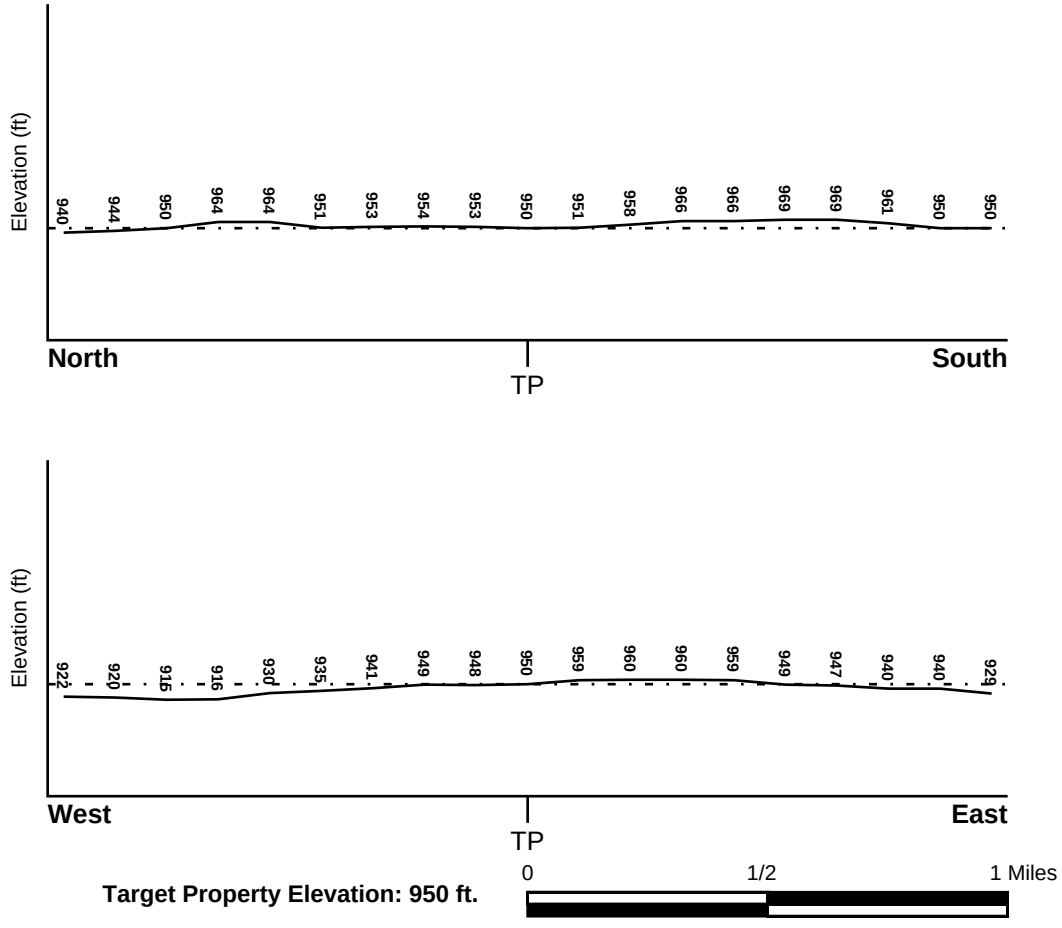
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
OAKLAND, MI	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 2601770010B

Additional Panels in search area: 2601690005B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
PONTIAC SOUTH	Not Available

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2	1/4 - 1/2 Mile North	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Mississippian
Series:	Osagean and Kinderhookian Series
Code:	M1 *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBANLAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Bedrock Max: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	60 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loamy sand
sandy loam
silt loam
muck

Surficial Soil Types: loamy sand
sandy loam
silt loam
muck

Shallow Soil Types: loamy sand

Deeper Soil Types: fine sand
stratified
muck

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
12	USGS2308730	1/2 - 1 Mile NW
14	USGS2308728	1/2 - 1 Mile NW
19	USGS2308734	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

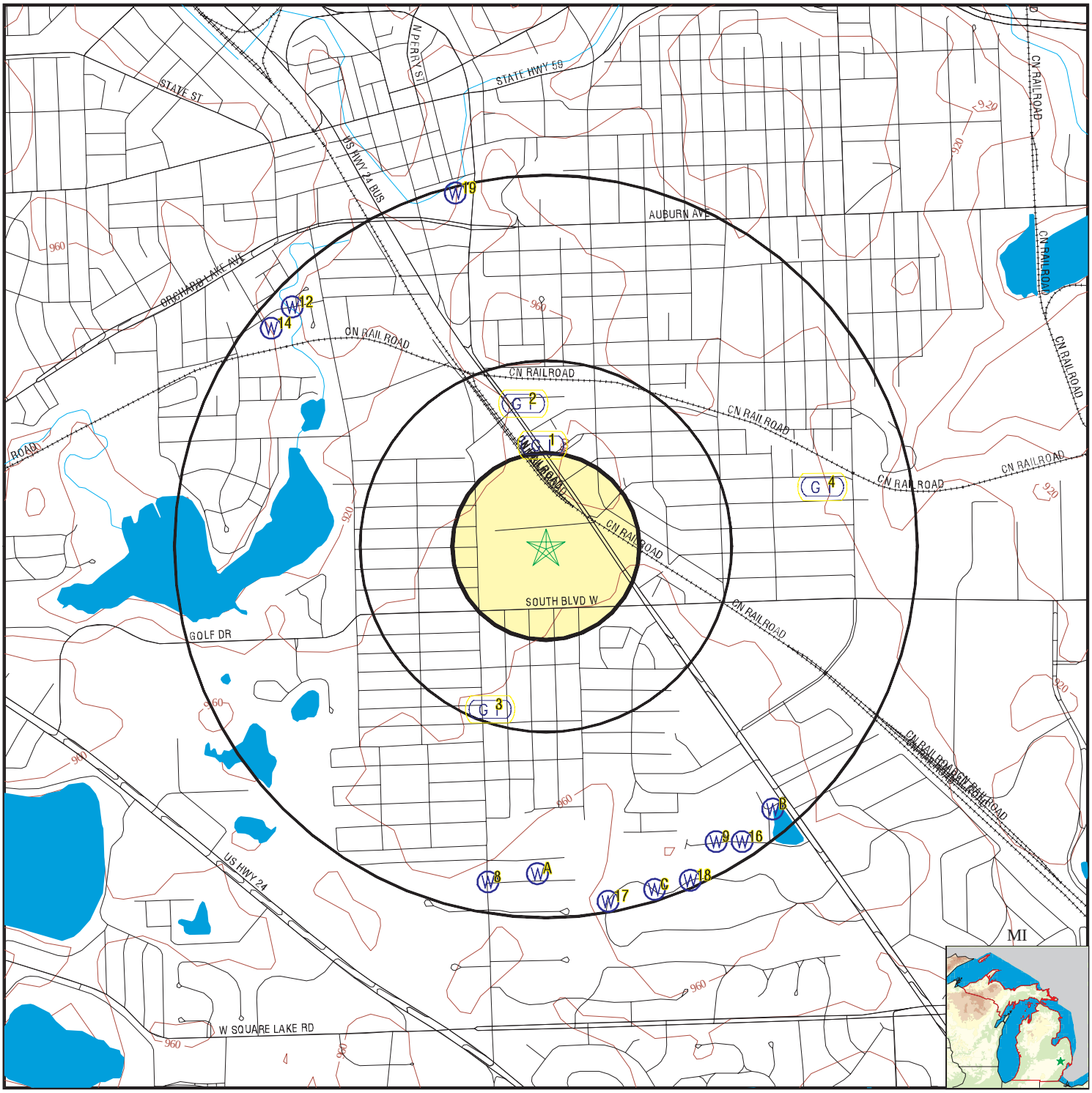
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A5	MI00104196	1/2 - 1 Mile South
A6	MI00104069	1/2 - 1 Mile South
A7	MI00104068	1/2 - 1 Mile South
8	MI00104058	1/2 - 1 Mile South
9	MI00104286	1/2 - 1 Mile SSE
B10	MI00104546	1/2 - 1 Mile SE
B11	MI00104582	1/2 - 1 Mile SE
B13	MI00104468	1/2 - 1 Mile SE
C15	MI00104043	1/2 - 1 Mile SSE
16	MI00104287	1/2 - 1 Mile SSE
17	MI00103933	1/2 - 1 Mile South
18	MI00104076	1/2 - 1 Mile SSE
C20	MI00103967	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 1706492.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	17322 - Pontiac, MI	CLIENT:	Conestoga-Rovers & Associates
ADDRESS:	South Blvd. West & Howard St. Pontiac MI 48341	CONTACT:	Kelly Connolly
		INQUIRY #:	1706492.2s
LAT/LONG:	42.6218 / 83.2846	DATE:	June 29, 2006

Copyright © 2006 EDR, Inc. © 2006 Tele Atlas Rel. 07/2005.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
2 **North** **1/4 - 1/2 Mile** **Lower**	Site ID:	635150	**AQUIFLOW**	**35290**
	Groundwater Flow:	Not Reported		
	Shallowest Water Table Depth:	6.36		
	Deepest Water Table Depth:	10.28		
	Average Water Table Depth:	Not Reported		
	Date:	11/21/1994		

A5
South
1/2 - 1 Mile
Higher

MI WELLS **MI00104196**

Wellid:	63000003900	Import id:	63028004016
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JUDY HUDALLA	Well addr:	395 FREMONT
Well depth:	111		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1584
Const date:	1985-11-02 00:00:00.000	Case type:	Unknown
Case dia:	0		
Case depth:	0		
Screen frm:	107		
Screen to:	111		
Swl:	75		
Test depth:	85		
Test hours:	1		
Test rate:	25	Test methd:	Unknown
Grout:	Was grouted	Pmp cpcity:	0
Latitude:	42.60960575		
Longitude:	-83.28538983		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		

Wellid:	63000003900	Seqno:	1
Primlith:	Clay	Lithmod:	Sandy
Depth:	9		
Thickness:	9		
Aqtype:	D	Class:	CM
Effect:	-1		

A6
South
1/2 - 1 Mile
Higher

MI WELLS **MI00104069**

Wellid:	63000003902	Import id:	63028004018
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JAMES L WRIGHT	Well addr:	370 FURSE
Well depth:	120		

Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1977-06-16 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	120		
Screen frm:	115		
Screen to:	120		
Swl:	82		
Test depth:	112		
Test hours:	6		
Test rate:	20	Test methd:	Unknown
Grout:	Was not grouted	Pmp cpcity:	0
Latitude:	42.60874735		
Longitude:	-83.28475103		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		
Wellid:	63000003902	Seqno:	1
Primlith:	Clay & Gravel	Lithmod:	Not Reported
Depth:	3		
Thickness:	3		
Aqtype:	D	Class:	PCM
Effect:	0		

A7
South
1/2 - 1 Mile
Higher

MI WELLS **MI00104068**

Wellid:	63000003901	Import id:	63028004017
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JAMES BURNS	Well addr:	380 FURSE
Well depth:	104		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1757
Const date:	1989-10-17 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	100		
Screen frm:	100		
Screen to:	104		
Swl:	45		
Test depth:	85		
Test hours:	1		
Test rate:	30	Test methd:	Unknown
Grout:	Was grouted	Pmp cpcity:	0
Latitude:	42.60874285		
Longitude:	-83.28496873		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		
Wellid:	63000003901	Seqno:	1
Primlith:	Clay	Lithmod:	Not Reported
Depth:	55		
Thickness:	55		
Aqtype:	D	Class:	CM
Effect:	0		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

8
South
1/2 - 1 Mile
Higher

MI WELLS **MI00104058**

Wellid:	63000003899	Import id:	63028004015
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	PERCY E MC CONNER	Well addr:	1421 FRANKLIN RD
Well depth:	126		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1980-04-21 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	124		
Screen frm:	121		
Screen to:	126		
Swl:	79		
Test depth:	105		
Test hours:	0		
Test rate:	28	Test methd:	Unknown
Grout:	Was not grouted	Pmp cpcity:	0
Latitude:	42.60870865		
Longitude:	-83.28765193		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		

Wellid:	63000003899	Seqno:	2
Primlith:	Sand	Lithmod:	Not Reported
Depth:	12		
Thickness:	7		
Aqtype:	D	Class:	AQ
Effect:	0		

9
SSE
1/2 - 1 Mile
Higher

MI WELLS **MI00104286**

Wellid:	63000021959	Import id:	Not Reported
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	YVONNE JACQUES	Well addr:	55 W. HIGHLAND DR.
Well depth:	104		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1926
Const date:	2002-05-30 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	100		
Screen frm:	100		
Screen to:	104		
Swl:	65		
Test depth:	80		
Test hours:	1		
Test rate:	20	Test methd:	Air
Grout:	Was grouted	Pmp cpcity:	20
Latitude:	42.6102817		

Longitude:	-83.27559769		
Methd coll:	Interpolation-Map		
Elevation:	0		
Elev methd:	Not Reported		
Wellid:	63000021959	Seqno:	1
Primlith:	Clay	Lithmod:	Not Reported
Depth:	12		
Thickness:	12		
Aqtype:	D	Class:	CM
Effect:	0		

B10
SE
1/2 - 1 Mile
Higher

MI WELLS **MI00104546**

Wellid:	63000003904	Import id:	63028004020
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	DONALD GOCELLA	Well addr:	234 HADSELL
Well depth:	147.3		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1979-06-20 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	145.3		
Screen frm:	142		
Screen to:	147		
Swl:	94		
Test depth:	130		
Test hours:	1		
Test rate:	30	Test methd:	Unknown
Grout:	Was not grouted	Pmp cpcity:	0
Latitude:	42.61159115		
Longitude:	-83.27270803		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		
Wellid:	63000003904	Seqno:	1
Primlith:	Clay	Lithmod:	Not Reported
Depth:	20		
Thickness:	20		
Aqtype:	D	Class:	CM
Effect:	0		

B11
SE
1/2 - 1 Mile
Higher

MI WELLS **MI00104582**

Wellid:	63000003903	Import id:	63028004019
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	MARY L SCZESNY	Well addr:	40 HADSELL
Well depth:	122		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	1929
Const date:	1991-12-27 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	108		
Screen frm:	108		
Screen to:	113		
Swl:	100		
Test depth:	122		
Test hours:	1		
Test rate:	10	Test methd:	Unknown
Grout:	Was grouted	Pmp cpcity:	0
Latitude:	42.61181965		
Longitude:	-83.27219313		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		

Wellid:	63000003903	Seqno:	1
Primlith:	Sand & Clay	Lithmod:	Not Reported
Depth:	8		
Thickness:	8		
Aqtype:	D	Class:	PCM
Effect:	0		

12
NW
1/2 - 1 Mile
Lower

FED USGS **USGS2308730**

Agency cd:	USGS	Site no:	423752083175302
Site name:	03N 10E 32ABCC 02		
Latitude:	423752		
Longitude:	0831753	Dec lat:	42.63114385
Dec lon:	-83.29799118	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	26
State:	26	County:	125
Country:	US	Land net:	S32T03NR10EM
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	920	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Clinton. Michigan. Area = 742 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19470101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PLEISTOCENE SERIES		
Well depth:	200	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1950-10-19
Water quality data end date:	1950-10-19	Water quality data count:	1
Ground water data begin date:	1948-04-01	Ground water data end date:	1948-04-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1948-04-01	86.00	

B13
SE
1/2 - 1 Mile
Higher

MI WELLS **MI00104468**

Wellid:	63000021005	Import id:	Not Reported
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	12
Owner name:	GHANS & SAHIB MALIK	Well addr:	1130 SQUARE LAKE ROAD
Well depth:	88		
Well type:	Irrigation		
Wssn:	0		
Well num:	Not Reported	Driller id:	2053
Const date:	2002-11-08 00:00:00.000	Case type:	PVC Plastic
Case dia:	5		
Case depth:	78		
Screen frm:	78		
Screen to:	88		
Swl:	17		
Test depth:	25		
Test hours:	1		
Test rate:	30	Test methd:	Air
Grout:	Was grouted	Pmp cpcity:	18
Latitude:	42.61124372		
Longitude:	-83.2729562		
Methd coll:	Address Matching-House Number		
Elevation:	0		
Elev methd:	Not Reported		

Wellid:	63000021005	Seqno:	2
Primlith:	Gravel	Lithmod:	Fine
Depth:	43		
Thickness:	2		
Aqtype:	D	Class:	AQ
Effect:	0		

14
NW
1/2 - 1 Mile
Lower

FED USGS **USGS2308728**

Agency cd:	USGS	Site no:	423749083175702
Site name:	03N 10E 32BADD 02		
Latitude:	423749		
Longitude:	0831757	Dec lat:	42.63031052
Dec lon:	-83.29910229	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	26
State:	26	County:	125
Country:	US	Land net:	S32T03NR10EM
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	925	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Clinton. Michigan. Area = 742 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19230101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PLEISTOCENE SERIES		
Well depth:	191	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1929-01-01
Water quality data end date:	1941-07-03	Water quality data count:	3
Ground water data begin date:	1923-03-01	Ground water data end date:	1923-03-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1923-03-01	40.00	

C15
SSE
1/2 - 1 Mile
Higher

MI WELLS **MI00104043**

Wellid:	63000003898	Import id:	63028004014
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	MICHAEL W ROSS	Well addr:	355 N BERKSHIRE
Well depth:	137		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	413
Const date:	1992-07-12 00:00:00.000	Case type:	Steel-black
Case dia:	4		
Case depth:	133		
Screen frm:	133		
Screen to:	137		
Swl:	78		
Test depth:	105		
Test hours:	2		
Test rate:	60	Test methd:	Unknown
Grout:	Was grouted	Pmp cpcity:	0
Latitude:	42.60862545		

Longitude:	-83.27930003		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		
Wellid:	63000003898	Seqno:	1
Primlith:	Clay	Lithmod:	Not Reported
Depth:	35		
Thickness:	35		
Aqtype:	D	Class:	CM
Effect:	0		

16
SSE **MI WELLS** **MI00104287**
1/2 - 1 Mile
Higher

Wellid:	63000003908	Import id:	63028004024
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	JOHN G KING	Well addr:	136 HIGHLAND DR
Well depth:	137		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1981-01-26 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	137.5		
Screen frm:	132		
Screen to:	137		
Swl:	95		
Test depth:	123		
Test hours:	2		
Test rate:	20	Test methd:	Unknown
Grout:	Was not grouted	Pmp cpcity:	0
Latitude:	42.61028295		
Longitude:	-83.27422743		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		
Wellid:	63000003908	Seqno:	1
Primlith:	Clay	Lithmod:	Not Reported
Depth:	12		
Thickness:	12		
Aqtype:	D	Class:	CM
Effect:	0		

17
South **MI WELLS** **MI00103933**
1/2 - 1 Mile
Higher

Wellid:	63000003897	Import id:	63028004013
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	AWTAR SINGH AJIMAL	Well addr:	345 S BERKSHIRE
Well depth:	144.5		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	25
Const date:	1973-09-11 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	139		
Screen frm:	139		
Screen to:	144.5		
Swl:	105		
Test depth:	1		
Test hours:	1.5		
Test rate:	20	Test methd:	Unknown
Grout:	Was not grouted	Pmp cpcity:	0
Latitude:	42.60795385		
Longitude:	-83.28130813		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		

Wellid:	63000003897	Seqno:	1
Primlith:	Clay	Lithmod:	Stoney
Depth:	25		
Thickness:	25		
Aqtype:	D	Class:	CM
Effect:	0		

18
SSE
1/2 - 1 Mile
Higher

MI WELLS **MI00104076**

Wellid:	63000003894	Import id:	63028004010
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	ROBERT C WILSON	Well addr:	236 N BERKSHIRE
Well depth:	138		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	463
Const date:	1990-03-02 00:00:00.000	Case type:	Steel-black
Case dia:	4		
Case depth:	133		
Screen frm:	133		
Screen to:	138		
Swl:	95		
Test depth:	0		
Test hours:	1		
Test rate:	10	Test methd:	Unknown
Grout:	Was grouted	Pmp cpcity:	0
Latitude:	42.60877405		
Longitude:	-83.27696503		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		

Wellid:	63000003894	Seqno:	1
Primlith:	Clay	Lithmod:	Not Reported
Depth:	21		
Thickness:	21		
Aqtype:	D	Class:	CM
Effect:	0		

19
NNW
1/2 - 1 Mile
Lower

FED USGS **USGS2308734**

Agency cd:	USGS	Site no:	423808083172201
Site name:	03N 10E 29DDDA 01		
Latitude:	423808		
Longitude:	0831722	Dec lat:	42.6355883
Dec lon:	-83.28938003	Coor meth:	M
Coor accr:	F	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	26
State:	26	County:	125
Country:	US	Land net:	S29T03NR10EM
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	915	Altitude method:	M
Altitude accuracy:	10	Altitude datum:	NGVD29
Hydrologic:	Clinton. Michigan. Area = 742 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19290101
Date inventoried:	Not Reported	Mean greenwich time offset:	EST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	PLEISTOCENE SERIES		
Well depth:	195	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1941-07-03
Water quality data end date:	1952-07-11	Water quality data count:	2
Ground water data begin date:	1929-06-01	Ground water data end date:	1929-06-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1929-06-01	44.00	

C20
SSE
1/2 - 1 Mile
Higher

MI WELLS **MI00103967**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellid:	63000003896	Import id:	63028004012
County:	Oakland	Township:	Bloomfield
Town range:	02N 10E	Section:	4
Owner name:	EVERETT POTEET	Well addr:	275 N BERKSHIRE
Well depth:	275		
Well type:	Household		
Wssn:	0		
Well num:	Not Reported	Driller id:	110
Const date:	1971-01-25 00:00:00.000	Case type:	Unknown
Case dia:	4		
Case depth:	271		
Screen frm:	0		
Screen to:	0		
Swl:	96		
Test depth:	130		
Test hours:	6		
Test rate:	20	Test methd:	Unknown
Grout:	Was grouted	Pmp cpcity:	0
Latitude:	42.60821395		
Longitude:	-83.27840113		
Methd coll:	Address Matching-House Number		
Elevation:	948		
Elev methd:	Topographoc Map Interpolation		

Wellid:	63000003896	Seqno:	1
Primlith:	Clay	Lithmod:	Sandy
Depth:	72		
Thickness:	72		
Aqtype:	D	Class:	CM
Effect:	-1		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for OAKLAND County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for OAKLAND COUNTY, MI

Number of sites tested: 61

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.189 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.539 pCi/L	93%	7%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)
Source: United States Geologic Survey
A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory
Source: Department of Natural Resources
Telephone: 517-241-2254

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Data
Source: Department of Environmental Quality, Drinking Water and Radiological Protection Division
Telephone: 517-335-9218

OTHER STATE DATABASE INFORMATION

Michigan Oil and Gas Wells
Source: Michigan Department of Natural Resources
Locations of oil and gas wells are compiled from permit records on file at the Geological Survey Division (GSD), Michigan Department of Natural Resources.

RADON

State Database: MI Radon
Source: Department of Environmental Quality
Telephone: 517-335-9551
Radon Test Results

Michigan Radon Test Results
Source: Department of Environmental Quality
Telephone: 517-335-8037
These results are from test kits distributed by the local health departments and used by Michigan residents. There is no way of knowing whether the devices were used properly, whether there are duplicates (or repeat verification) test (i.e., more than one sample per home), etc.

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

STREET AND ADDRESS INFORMATION

© 2006 Tele Atlas North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

APPENDIX E

SANBORN FIRE INSURANCE MAPS

EDR® Environmental Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: Kelly Connolly
Conestoga-Rovers &
8615 West Bryn Mawr
Chicago, IL 60631

Customer Project: 17322
1103659ZIP 773-380-9933

Order Date: 6/29/2006 **Completion Date:** 6/29/2006
Inquiry #: 1706492.3s
P.O. #: 17322
Site Name: 17322 - Pontiac MI
Address: South Blvd. West & Howard St.
City/State: Pontiac, MI 48341
Cross Streets:

Based on client-supplied information, fire insurance maps for the following years were identified

1909 - 1 Map
1915 - 5 Maps
1919 - 8 Maps
1924 - 11 Maps
1950 - 11 Maps
1970 - 11 Maps

Limited Permission to Photocopy Total Maps: 47

Conestoga-Rovers & Associates (the client) is permitted to make up to THREE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

USER'S GUIDE

This User's Guide provides guidelines for accessing Sanborn Map® images and for transferring them to your Word Processor.

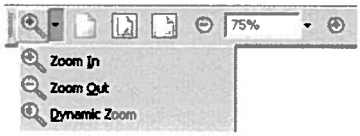
Reading Sanborn Maps

- Sanborn Maps document historical property use by displaying property information through words, abbreviations, and map symbols. The Sanborn Map Key provides information to help interpret the symbols and abbreviations used on Sanborn Maps. The Key is available from EDR's Web Site at: http://www.edrnet.com/reports/samples/key.pdf

Organization of Electronic Sanborn Image File

- Sanborn Map Report, listing years of coverage
- User's Guide
- Oldest Sanborn Map Image
- Most recent Sanborn Map Image

Navigating the Electronic Sanborn Image File



1. Open file on screen.
2. Identify TP (Target Property) on the most recent map.
3. Find TP on older printed images.
4. Using Acrobat® Reader®, zoom to 250% in order to view more clearly. (200-250% is the approximate equivalent scale of hardcopy Sanborn Maps.)
   A. On the menu bar, click "View" and then "Zoom to..."
   B. Or, use the magnifying tool and drag a box around the TP

Printing a Sanborn Map From the Electonic File

- EDR recommends printing images at 300 dpi (300 dpi prints faster than 600 dpi)
- To print only the TP area, cut and paste from Acrobat to your word processor application.

Acrobat Versions 6 and 7

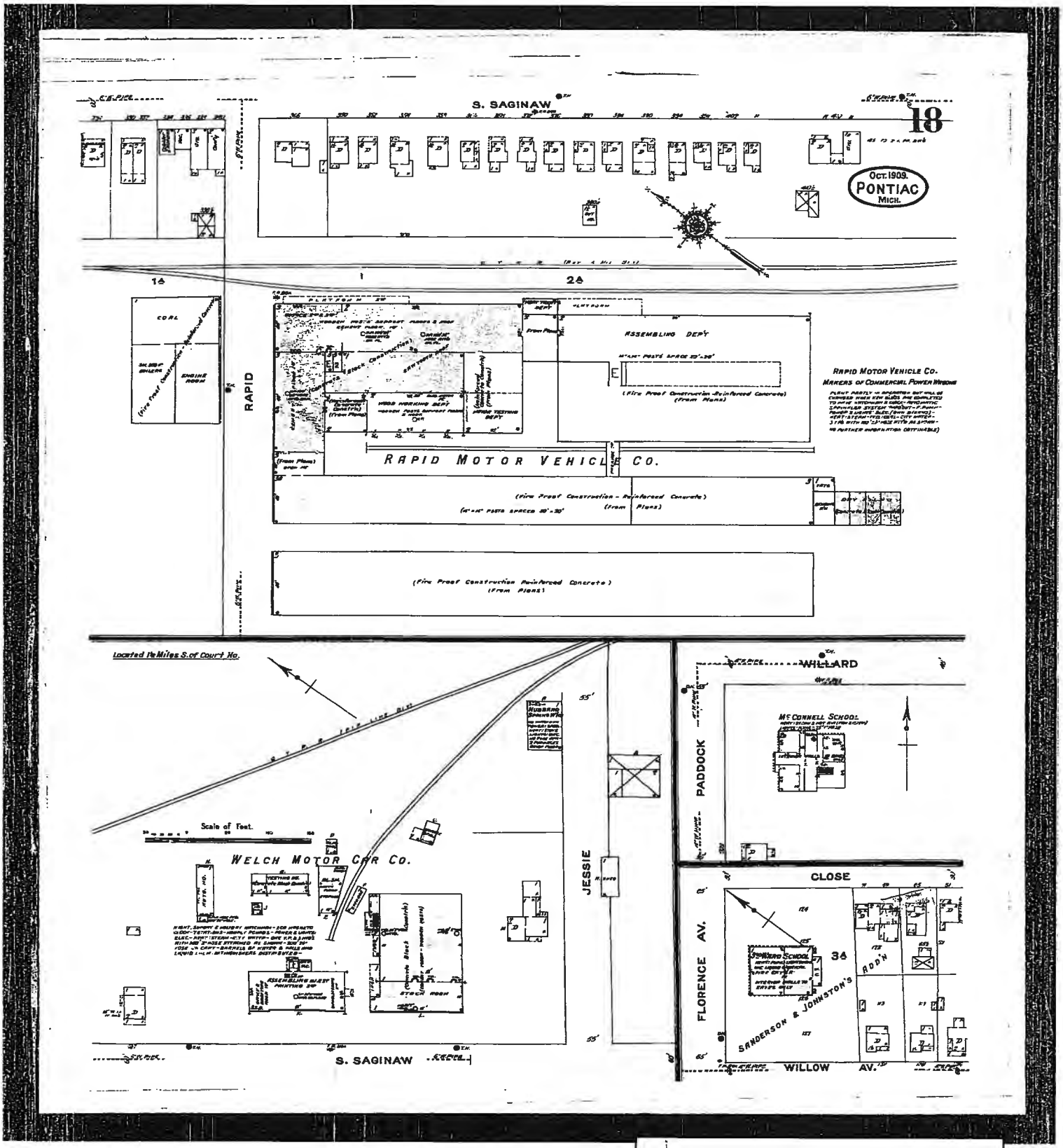
1. Go to the menu bar
2. Click the "Select Tool"
3. Draw a box around the area selected
4. "Right click" on your mouse
5. Select "Copy Image to Clipboard"
6. Go to Word Processor such as Microsoft Word, paste and print.

Acrobat Version 5

1. Go to the menu bar
2. Click the "Graphics Select Tool"
3. Draw a box around the area selected
4. Go to "Menu"
5. Highlight "Edit"
6. Highlight "Copy"
7. Go to Word Processor such as Microsoft Word, paste and print.

Important Information about Email Delivery of Electronic Sanborn Map Images

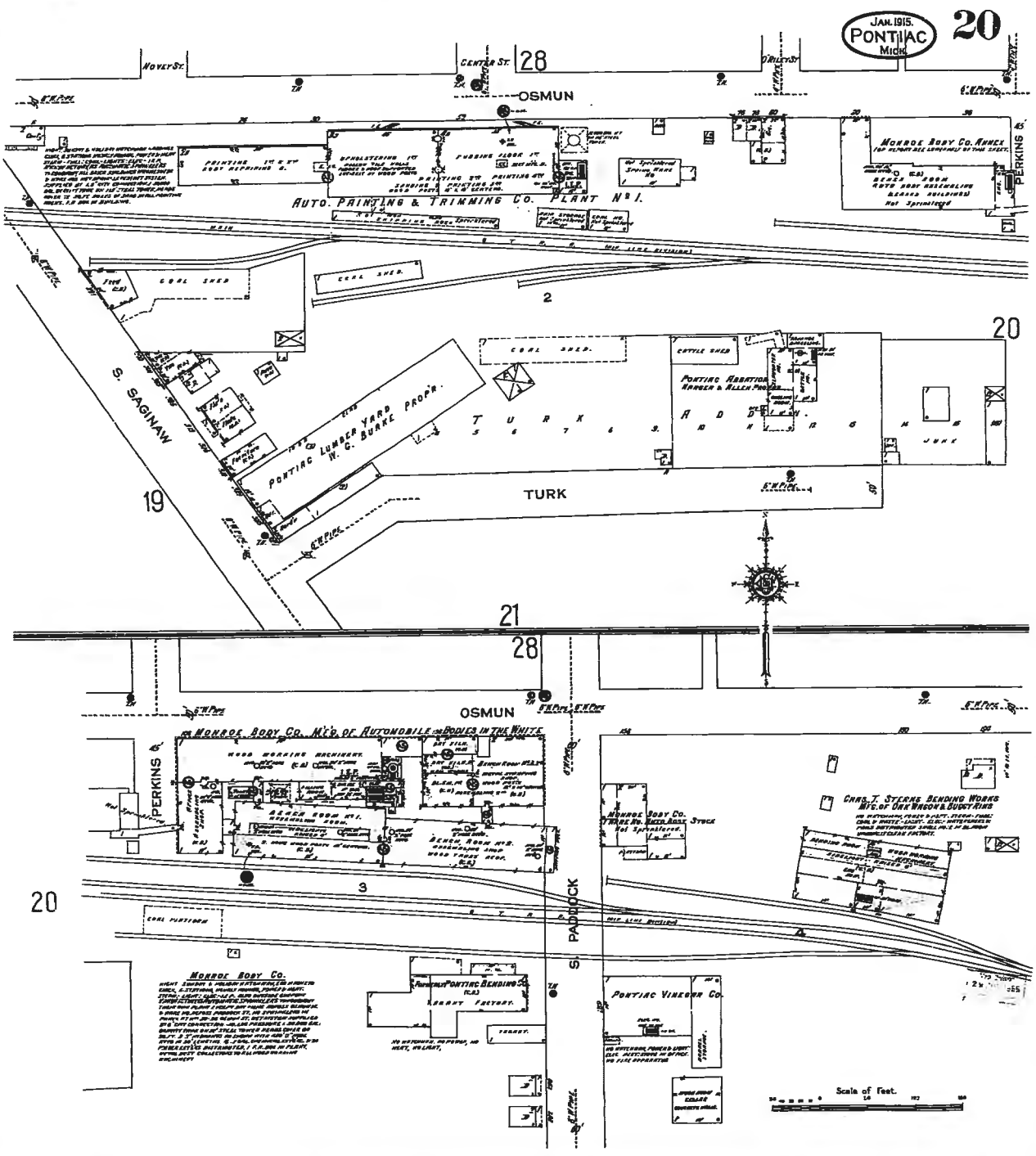
- Images are grouped intro one file, up to 2MB.
- In cases where in excess of 6-7 map years are available, the file size typically exceeds 2MB. In these cases, you will receive multiple files, labeled as "1 of 3", "2 of 3", etc. including all available map years.
- Due to file size limitations, certain ISPs, including AOL, may occasionally delay or decline to deliver files. Please contact your ISP to identify their specific file size limitations.



The Sanborn Library, LLC

Copyright© 1909 The Sanborn Library, LLC CHP
Year EDR 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.



The Sanborn Library, LLC

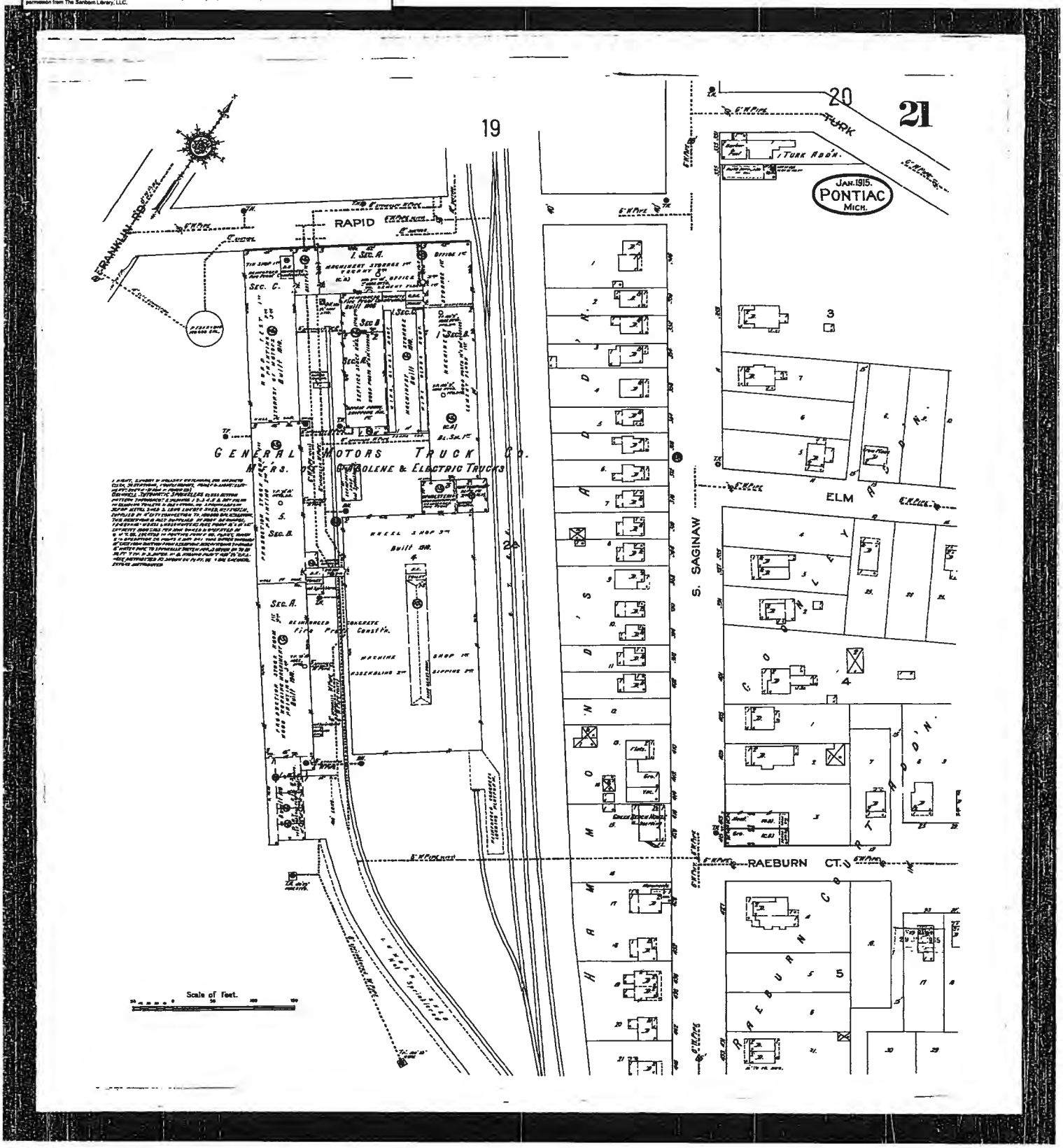
Copyright© 1915 The Sanborn Library, LLC CHP
Year EDR Research Associate

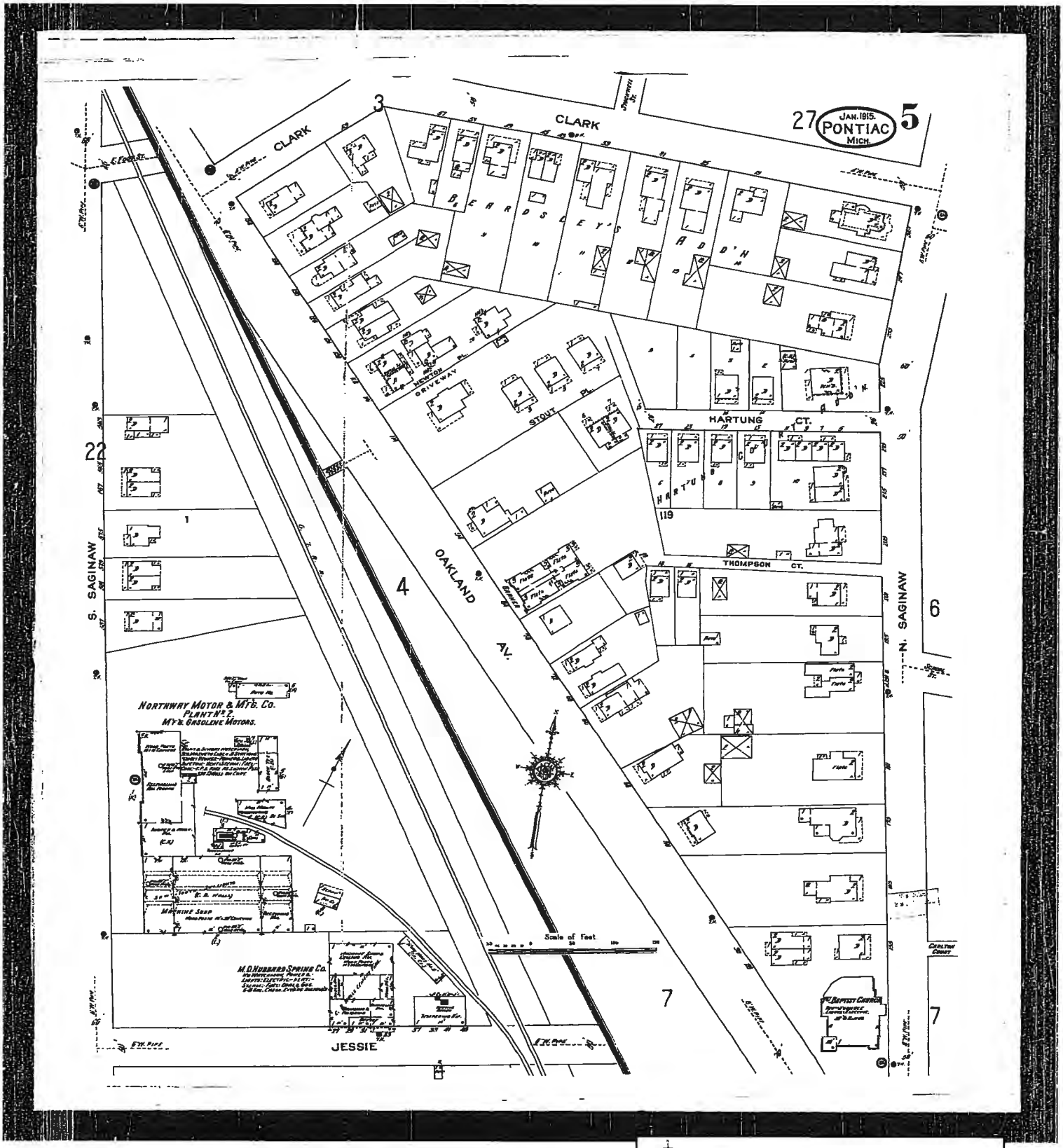
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

The Sanborn Library, LLC

Copyright© 1915 The Sanborn Library, LLC CHP
Year EDR 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.





The Sanborn Library, LLC

Copyright© 1915 The Sanborn Library, LLC CHP

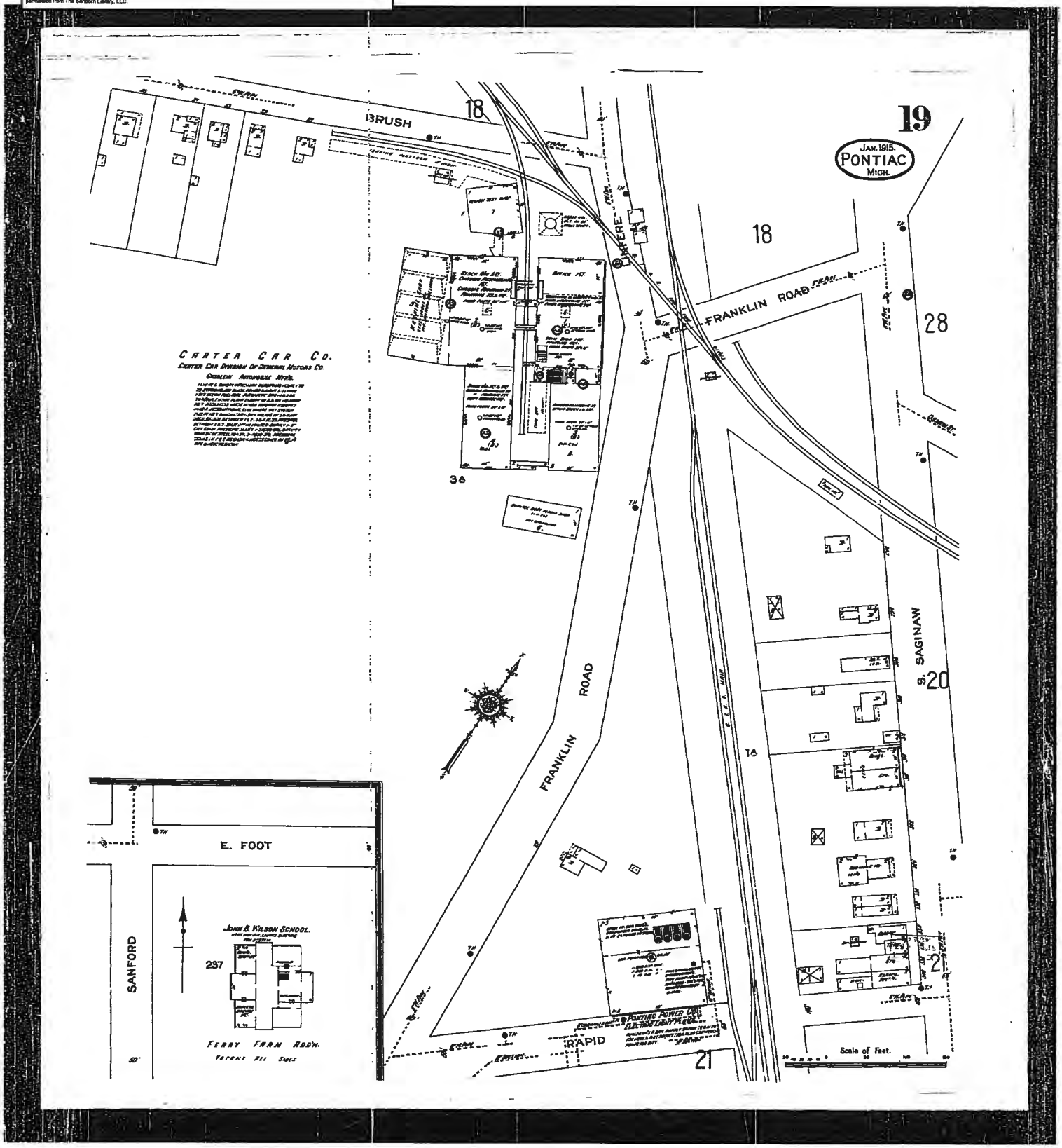
Year EDR Research

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.

The Sanborn Library, LLC

Copyright© 1915 The Sanborn Library, LLC CHP
Year EDR Research Associate

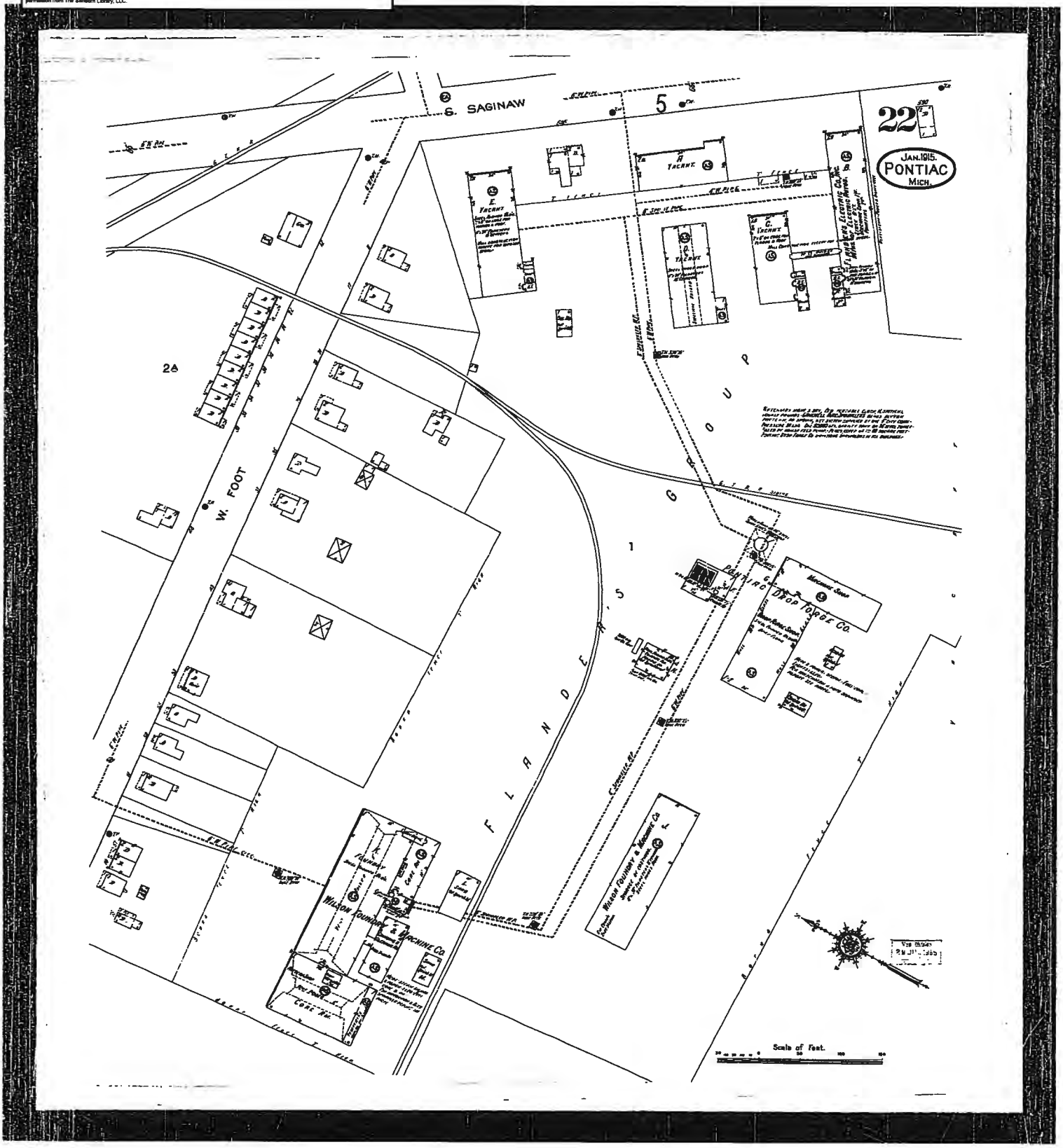
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



The Sanborn Library, LLC

Copyright© 1915 The Sanborn Library, LLC CHP
Year EDR Research Associate

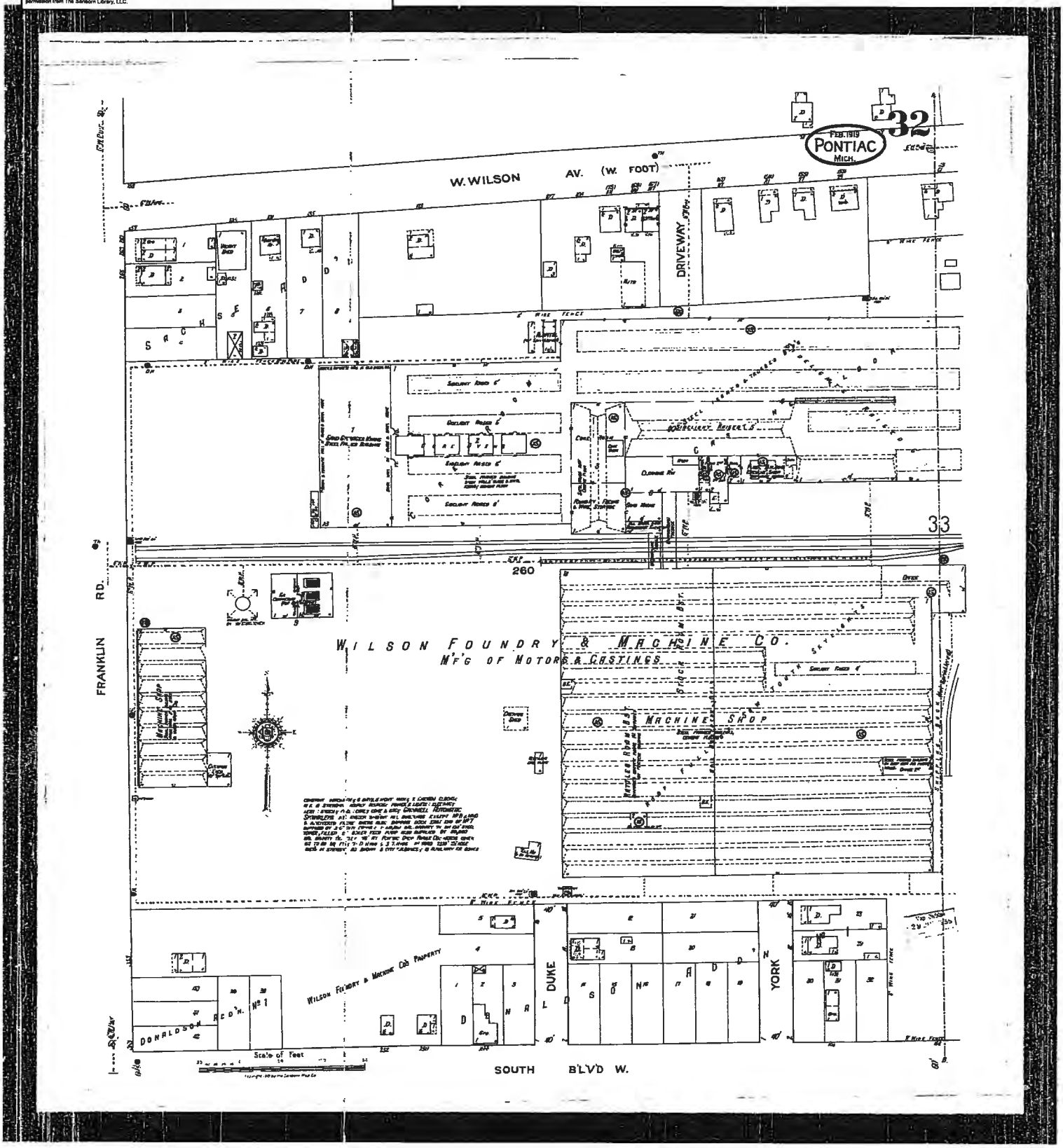
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



The Sanborn Library, LLC

Copyright© 1919 The Sanborn Library, LLC CHP
Year EDR Research Associate

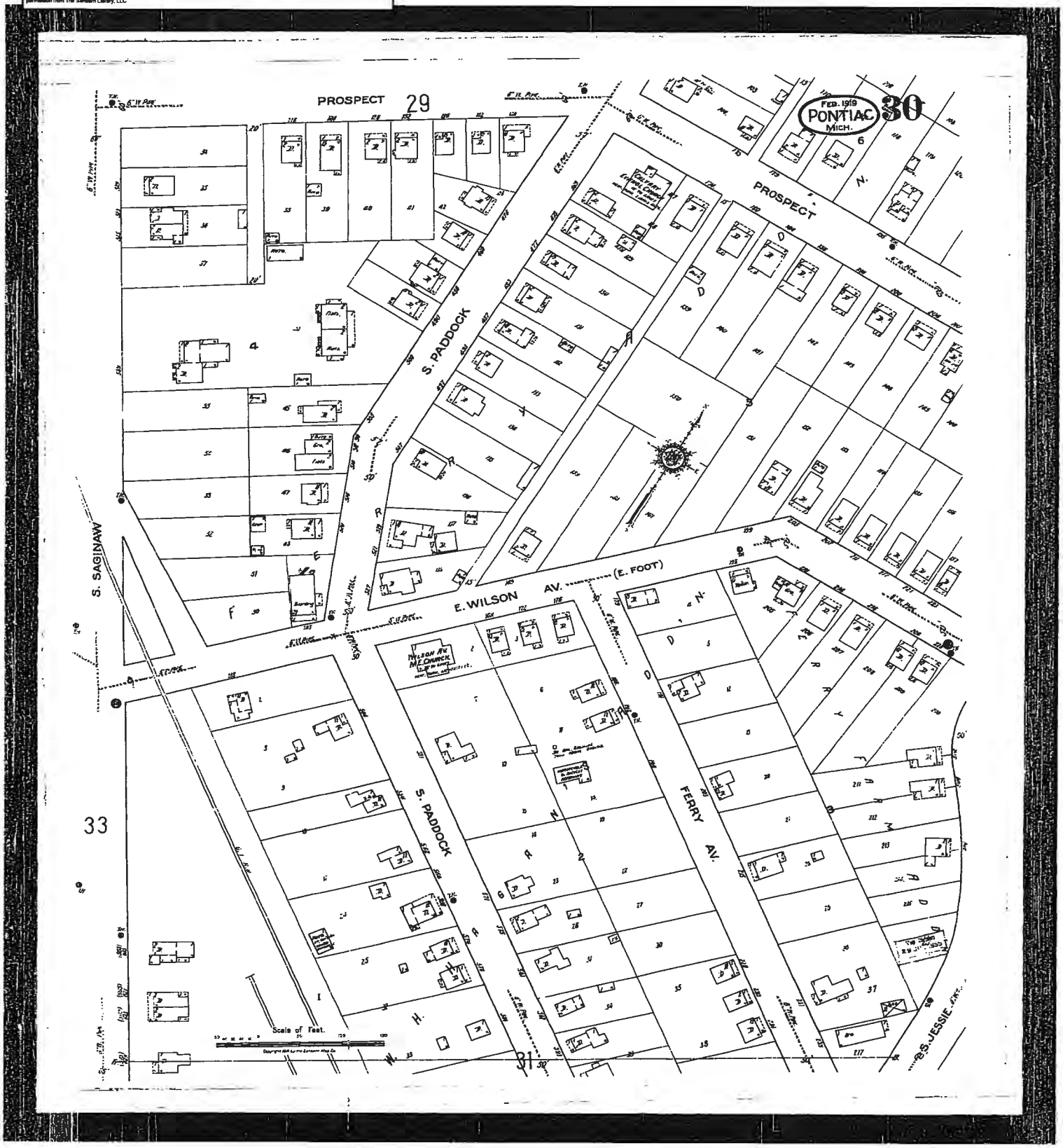
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

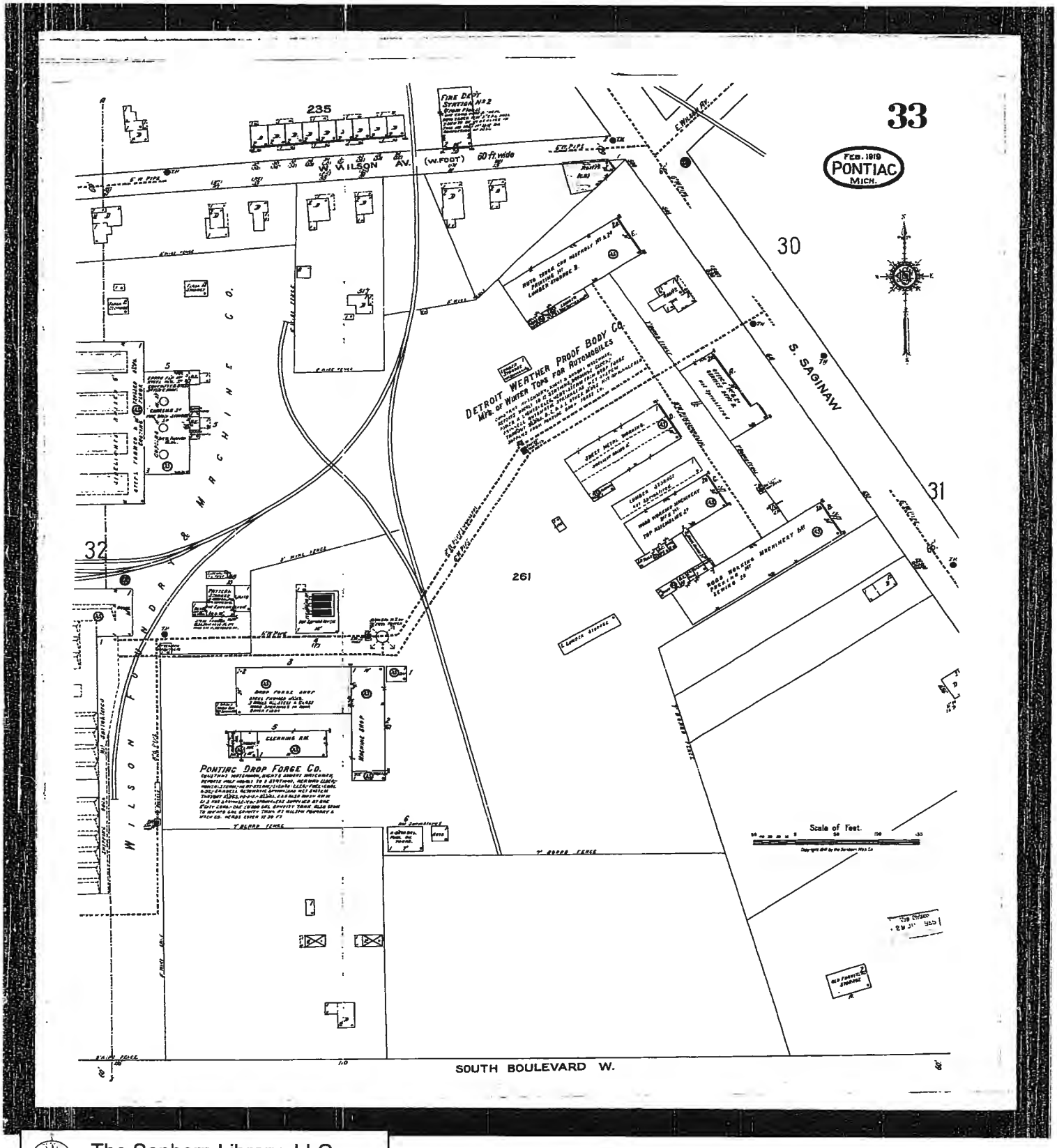


The Sanborn Library, LLC

Copyright© 1919 The Sanborn Library, LLC CHP
Year EDR 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

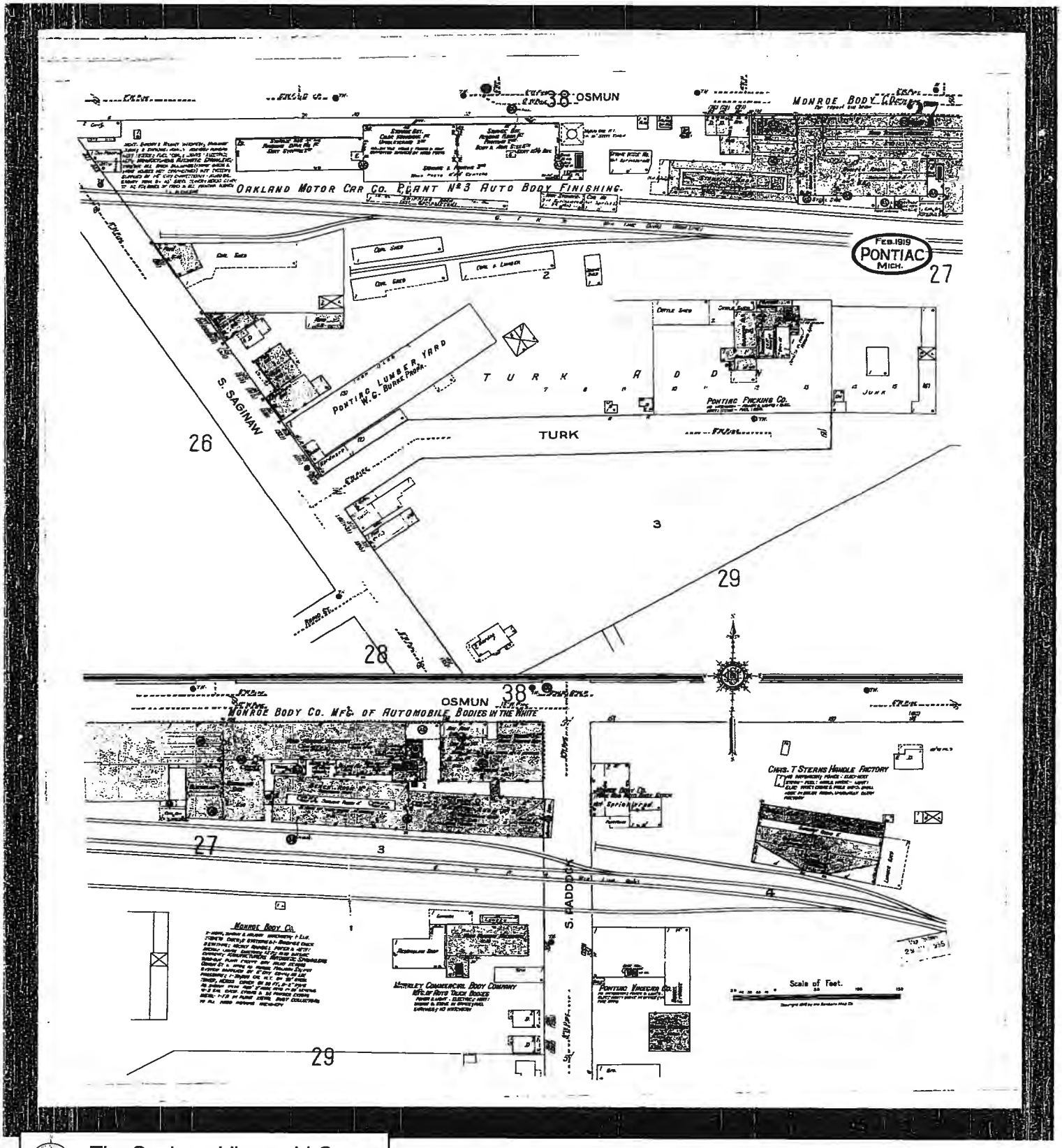




The Sanborn Library, LLC

Copyright© 1919 The Sanborn Library, LLC CHP
Year EDR 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.



The Sanborn Library, LLC

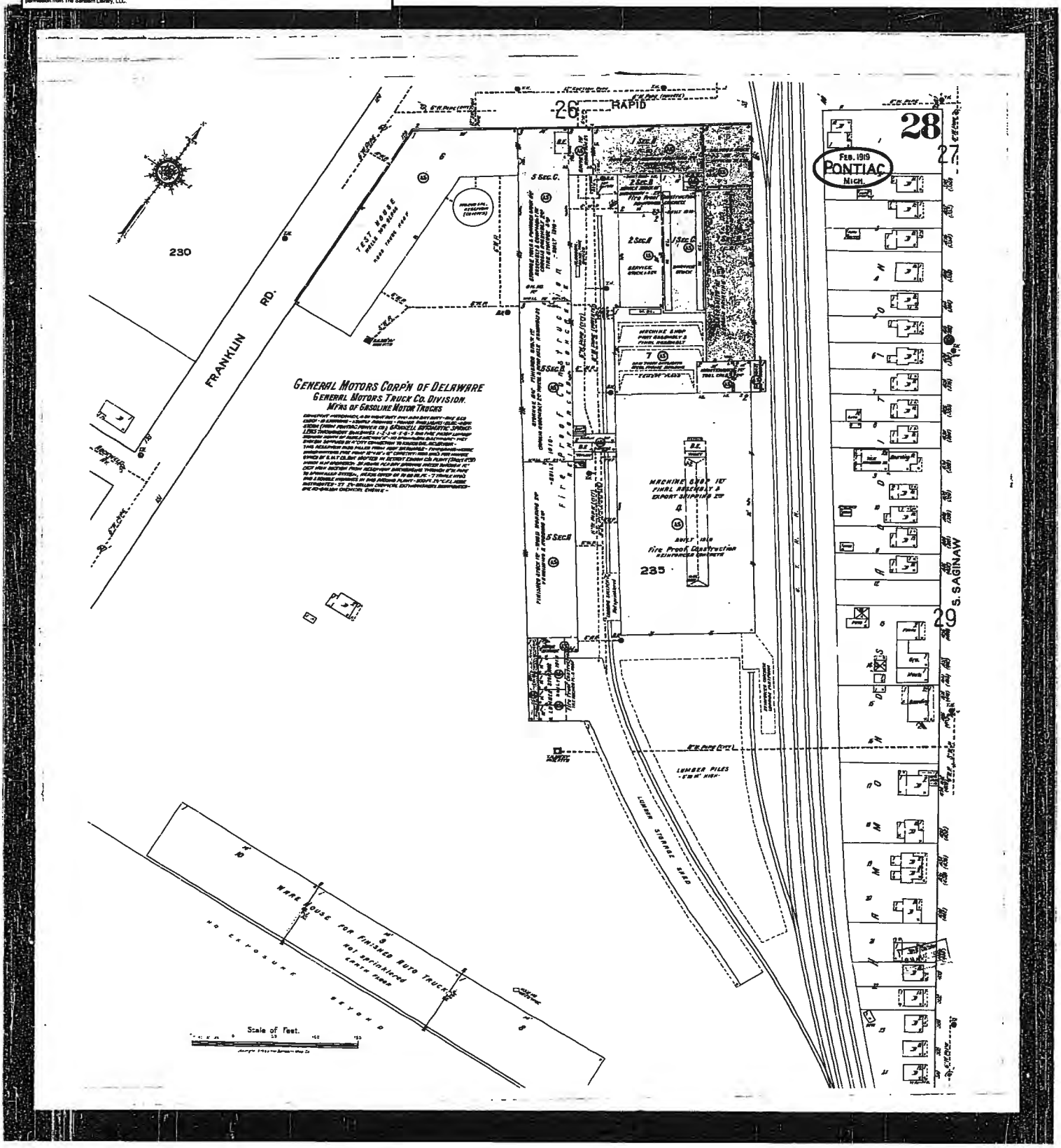
Copyright© 1919 The Sanborn Library LLC CHP
Year EDR Research Associate

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.

The Sanborn Library, LLC

Copyright© 1919 The Sanborn Library, LLC CHP
Year EDR Research Associate

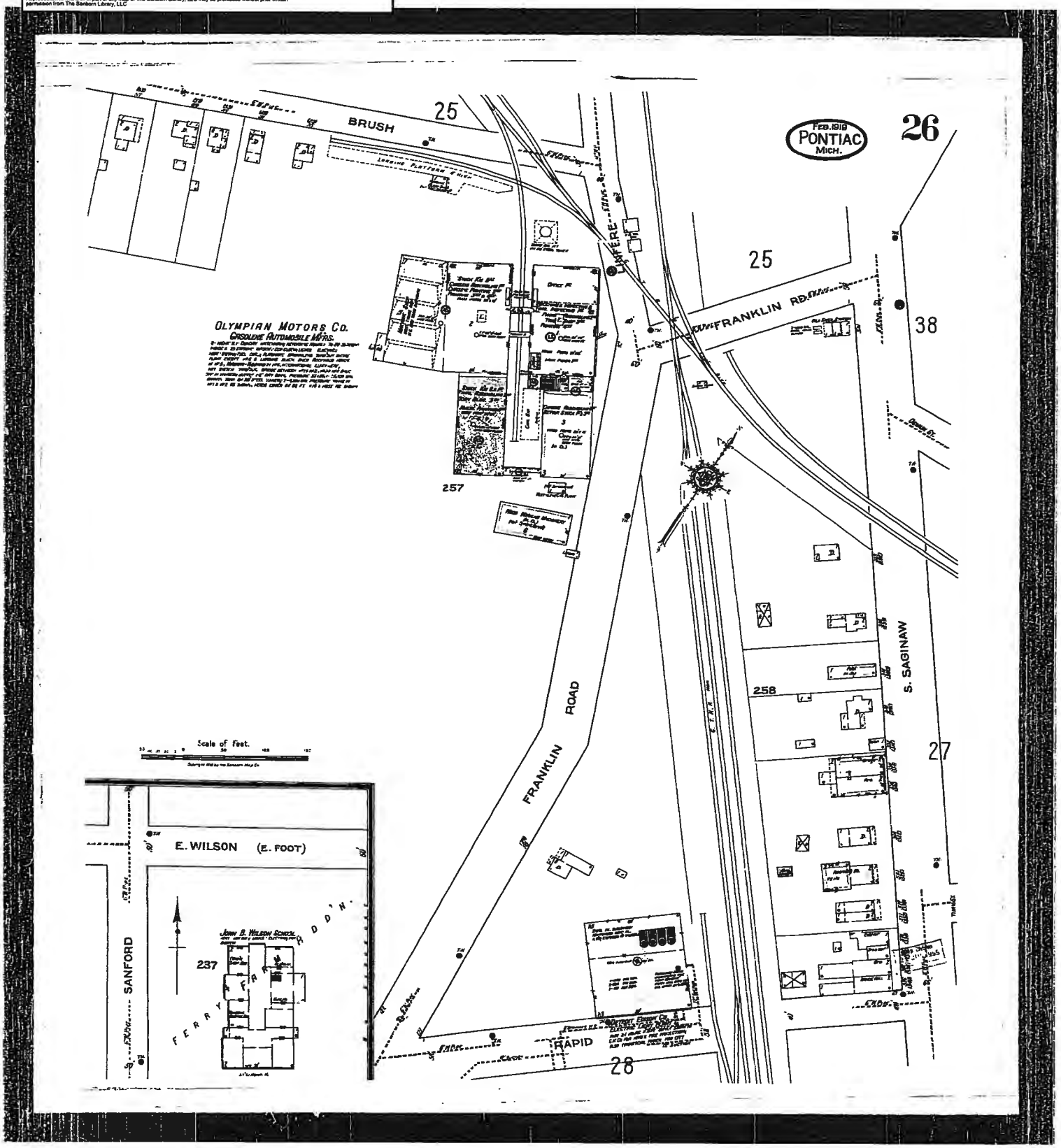
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

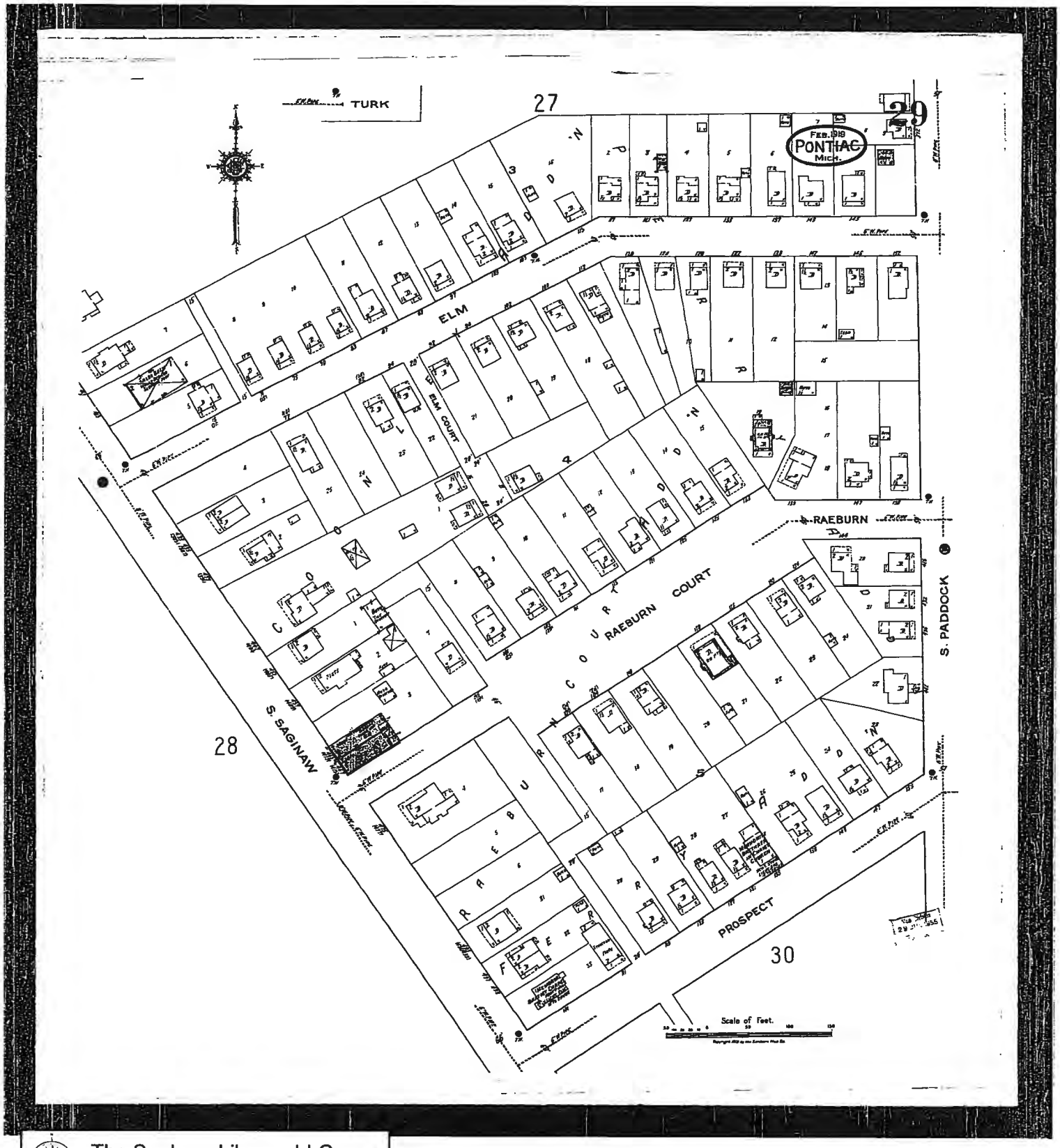


The Sanborn Library, LLC

Copyright© 1919 The Sanborn Library, LLC CHP
Year EDR 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

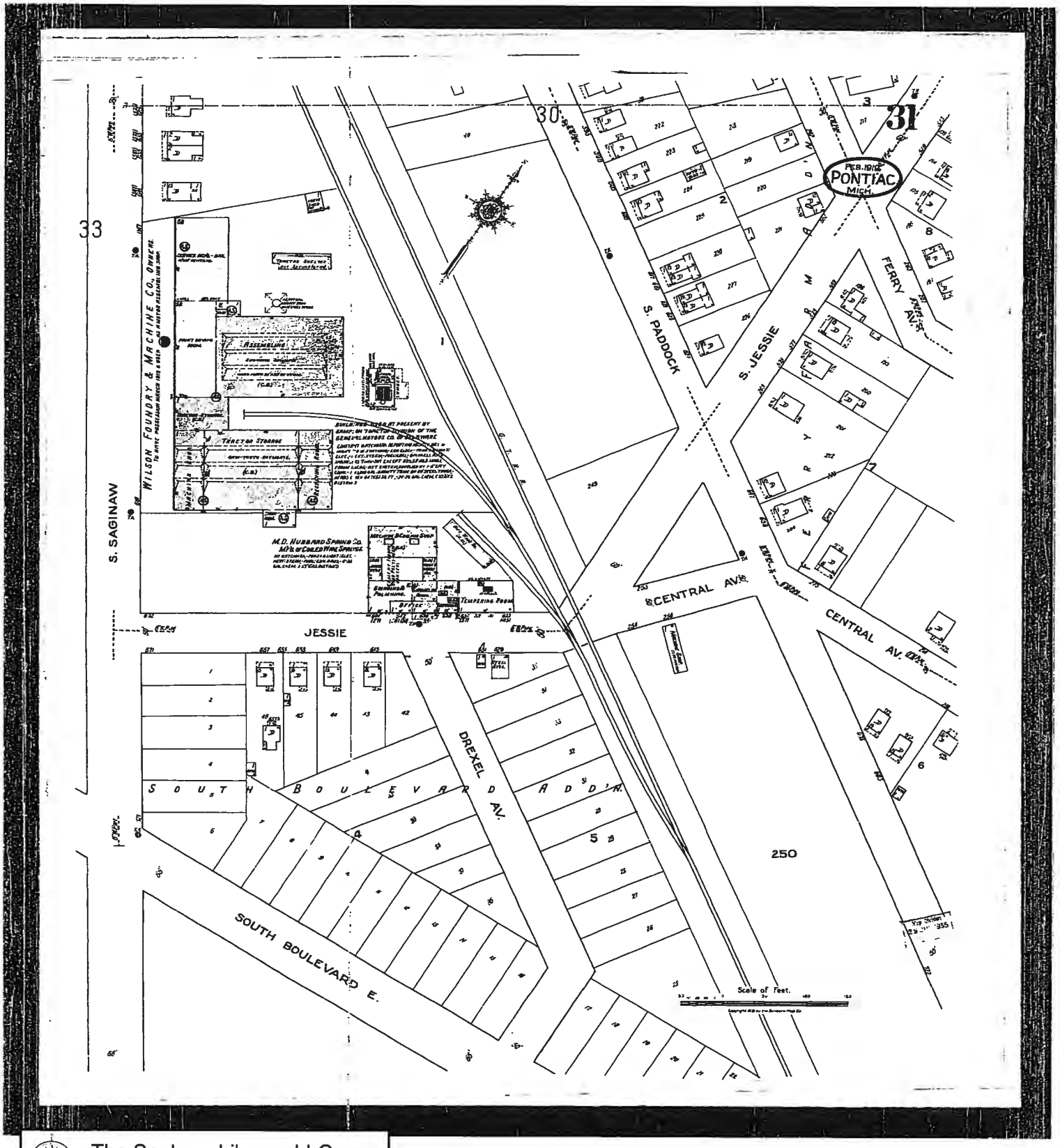




The Sanborn Library, LLC

Copyright© 1919 The Sanborn Library, LLC CHP
Year EDR Research Associate

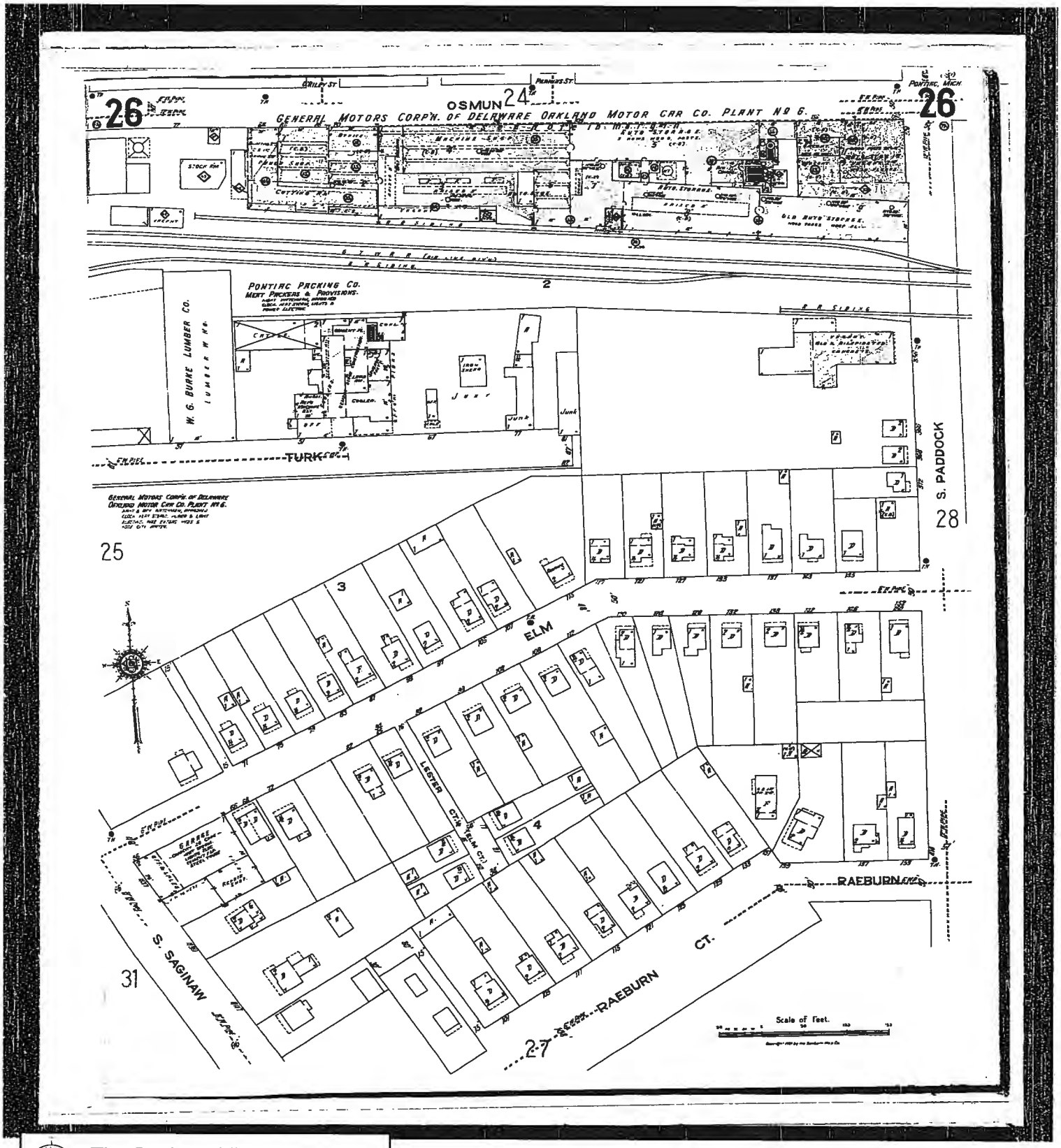
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC



The Sanborn Library, LLC

Copyright© 1919 The Sanborn Library, LLC CHP
Year EDR Research Associate

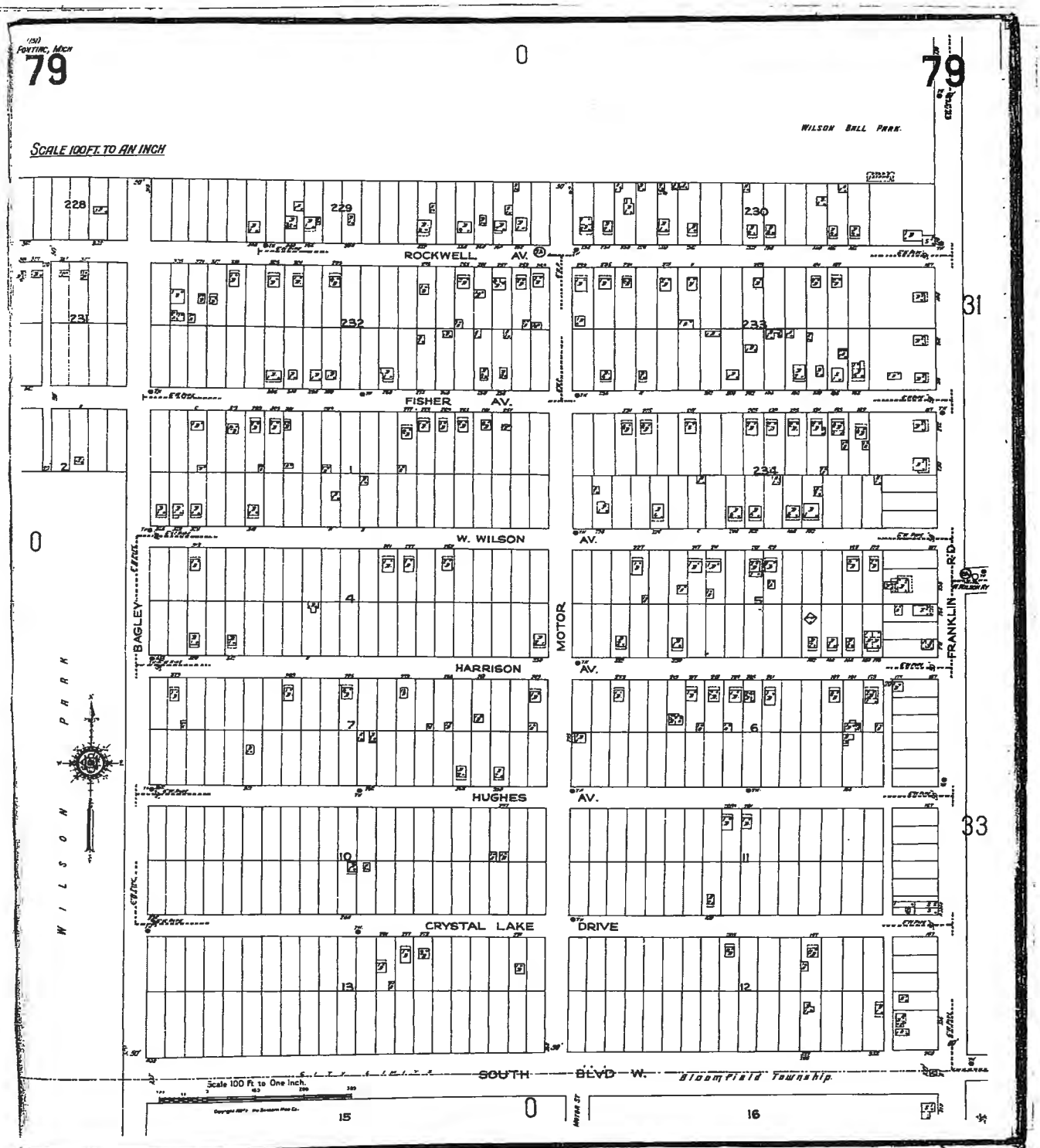
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



The Sanborn Library, LLC

Copyright© 1924 The Sanborn Library, LLC CHP
Year EDR Research Associate

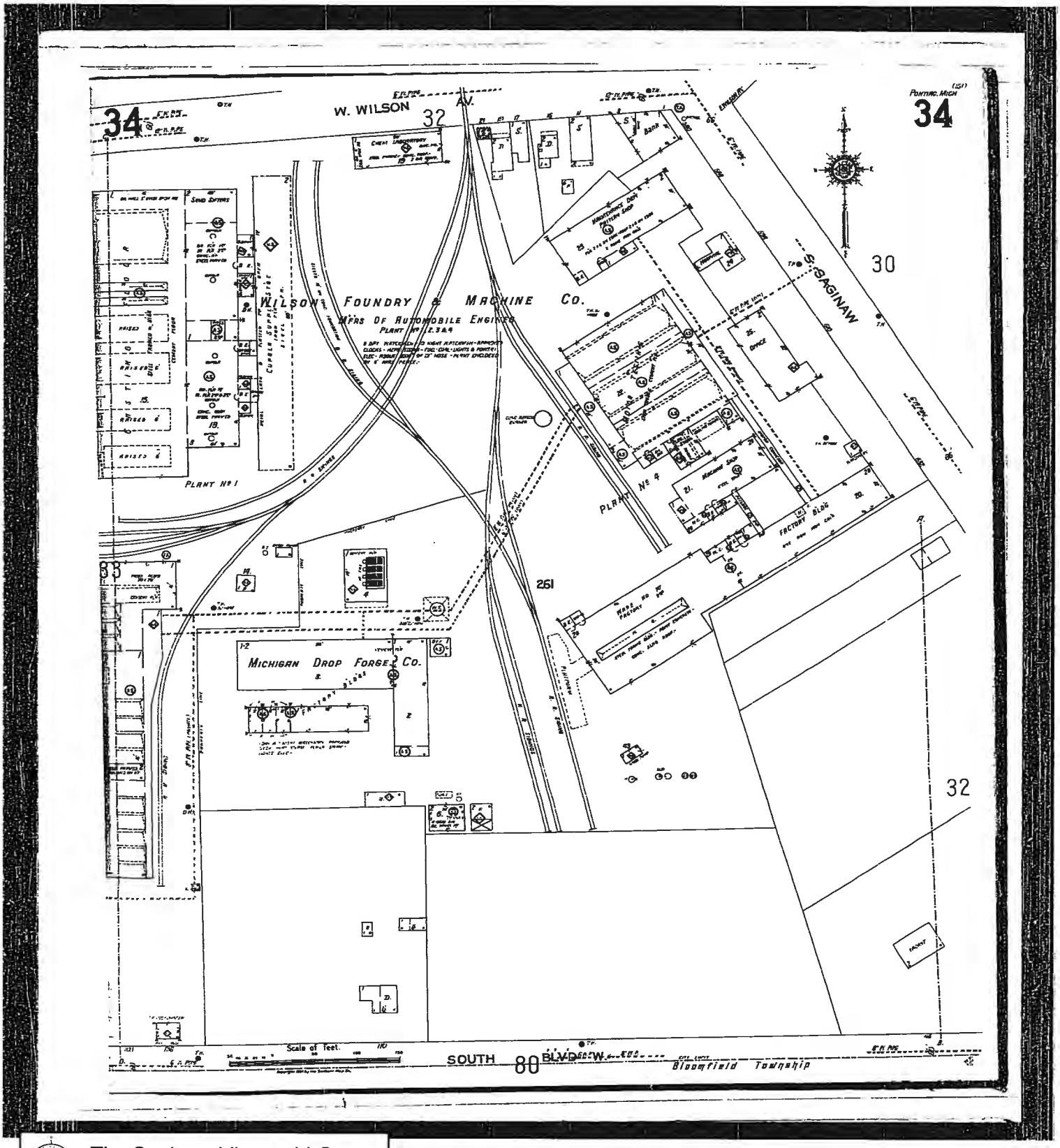
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



The Sanborn Library, LLC

Copyright© 1924 The Sanborn Library, LLC CHP
Year EDR Research

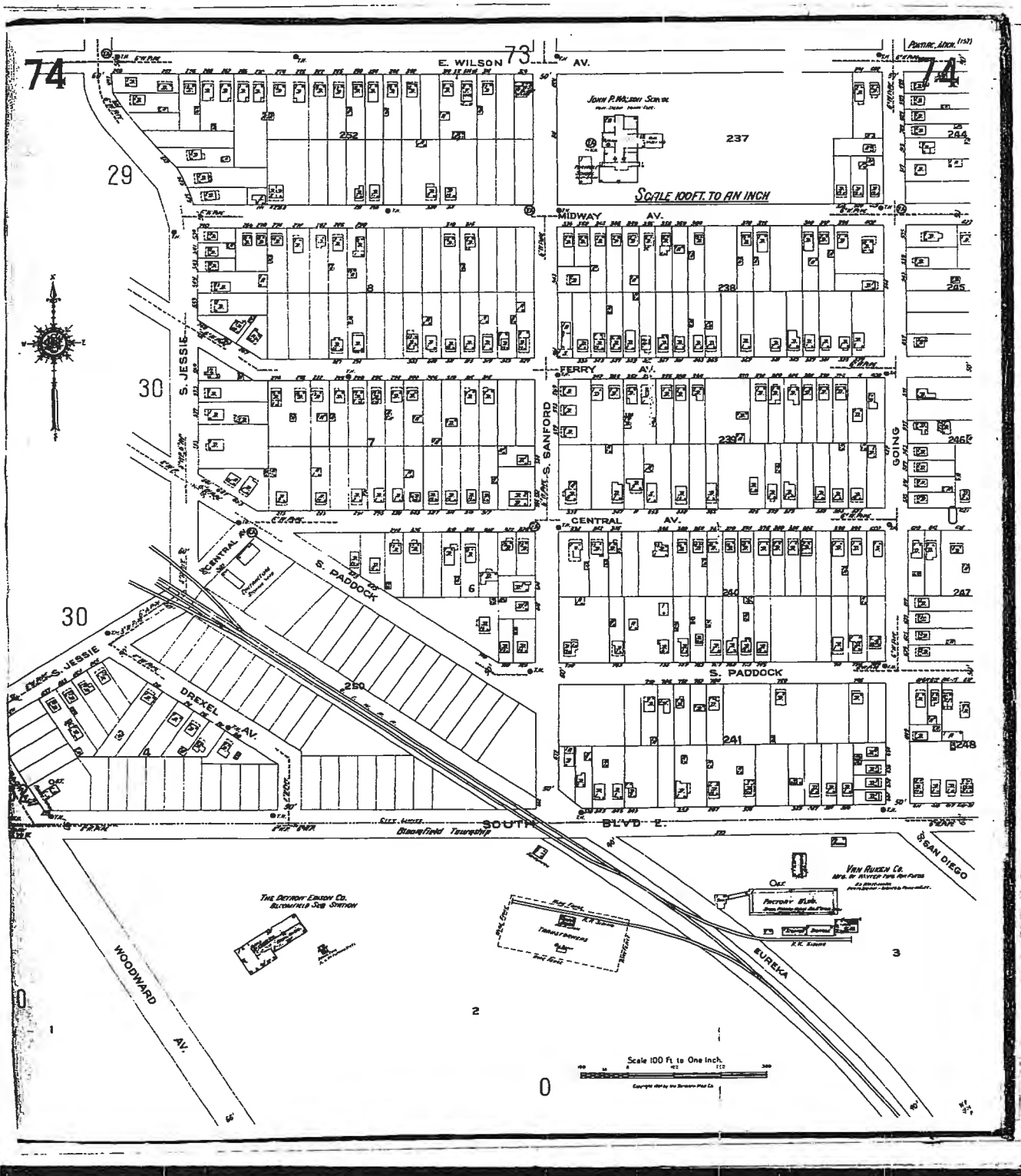
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



The Sanborn Library, LLC

Copyright© 1924 The Sanborn Library, LLC CHP
Year EDR Research Associate

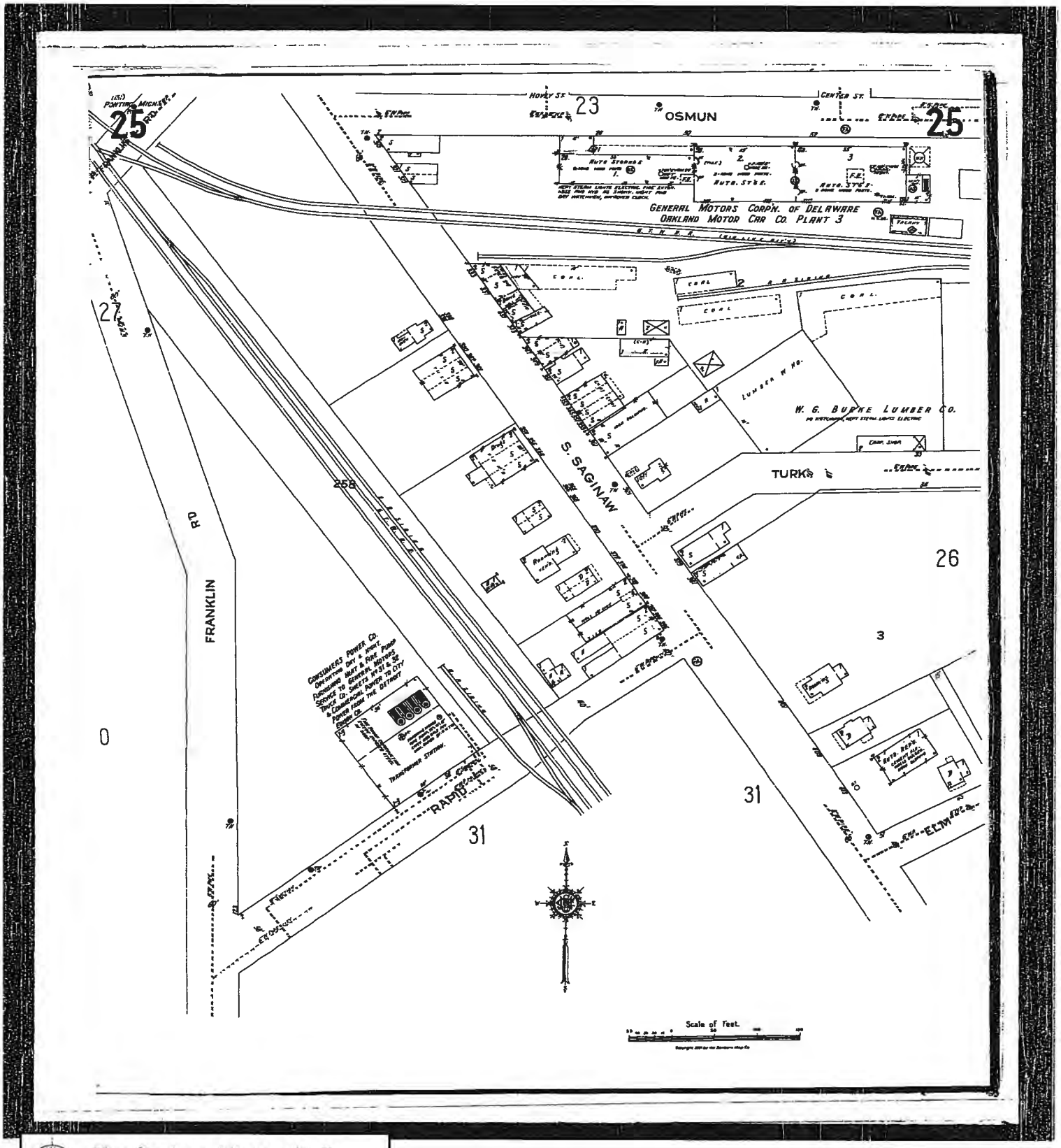
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



The Sanborn Library, LLC

Copyright© 1924 The Sanborn Library, LLC CHP
Year EDR 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.



The Sanborn Library, LLC

Copyright© 1924 The Sanborn Library, LLC CHP

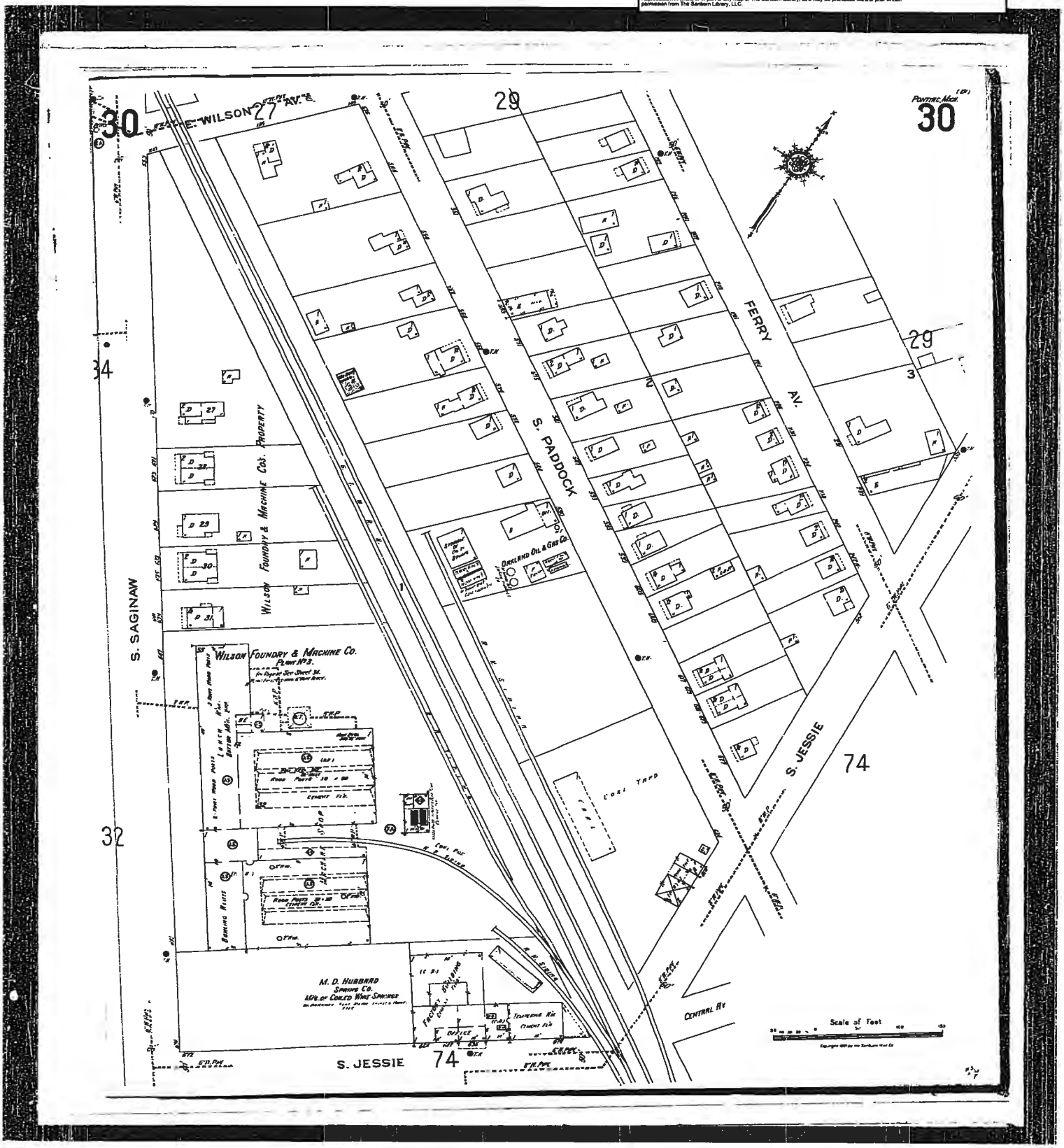
Yes EDR Research Associate

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.

The Sanborn Library, LLC

Copyright© 1924 The Sanborn Library, LLC CHP
Year EDR Research Associate

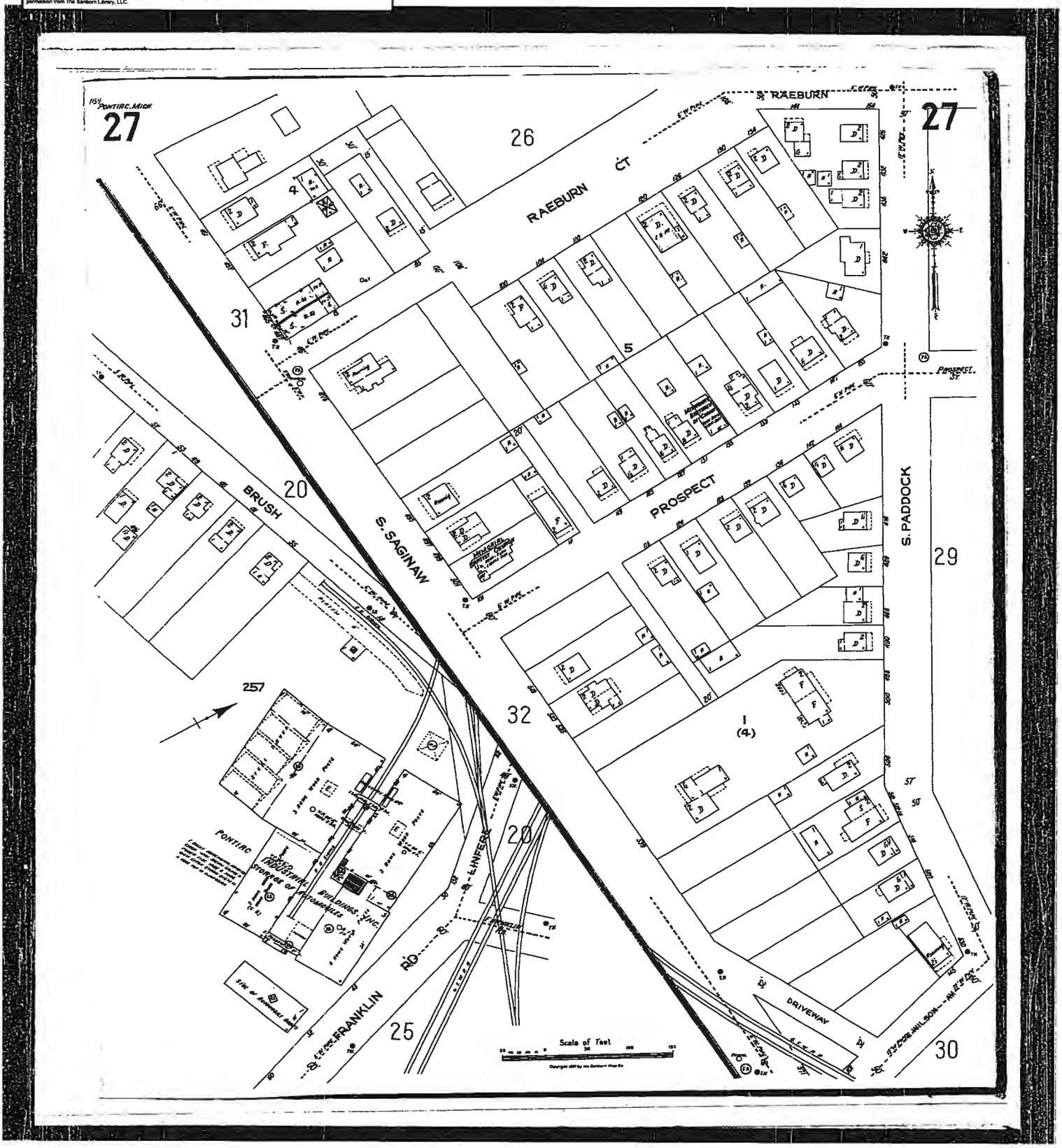
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC



The Sanborn Library, LLC

Copyright© 1924 The Sanborn Library, LLC CHP
Year EDR Research Associate

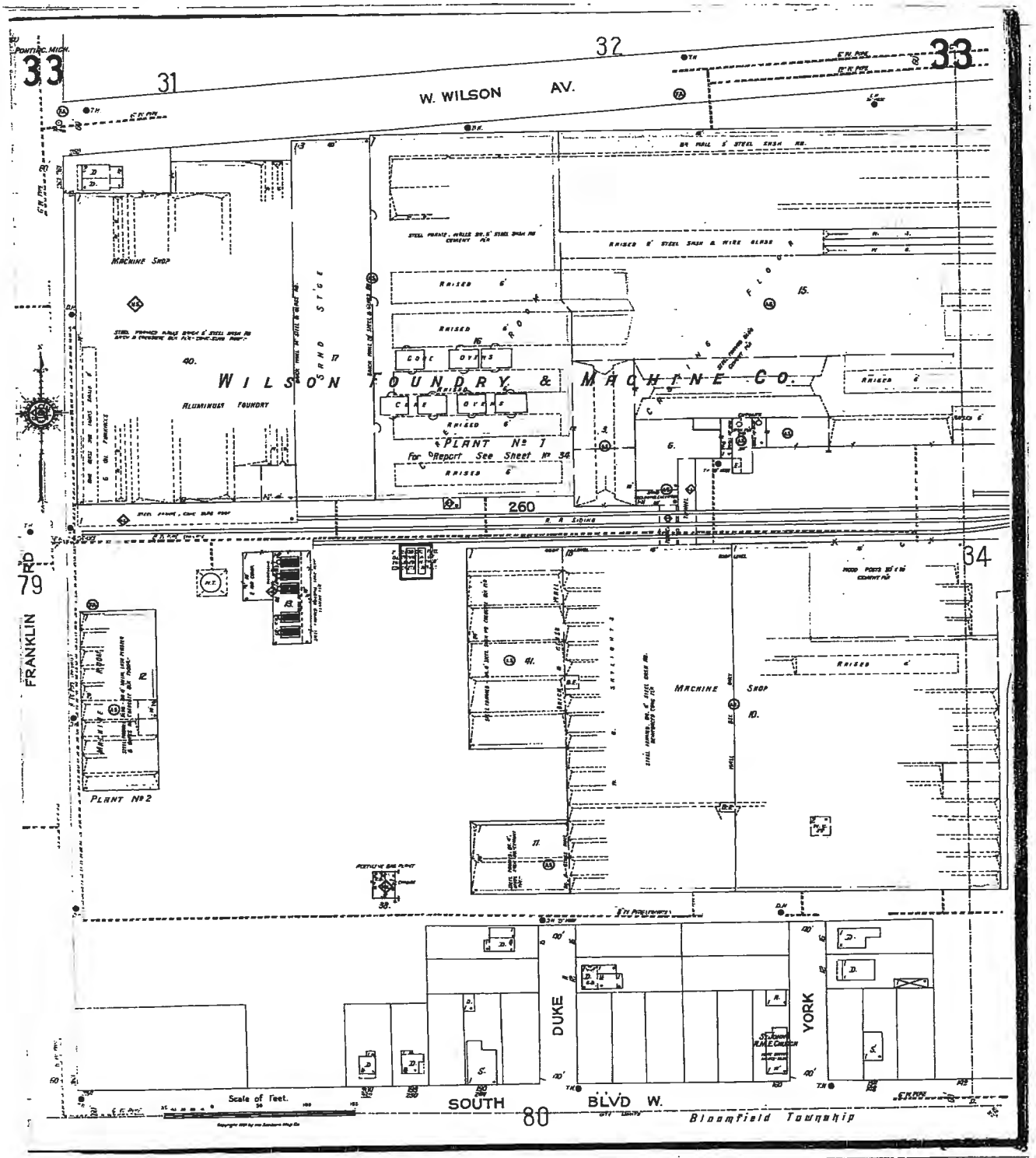
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



The Sanborn Library, LLC

Copyright© 1924 The Sanborn Library, LLC CHP
Year EDR Research Associate

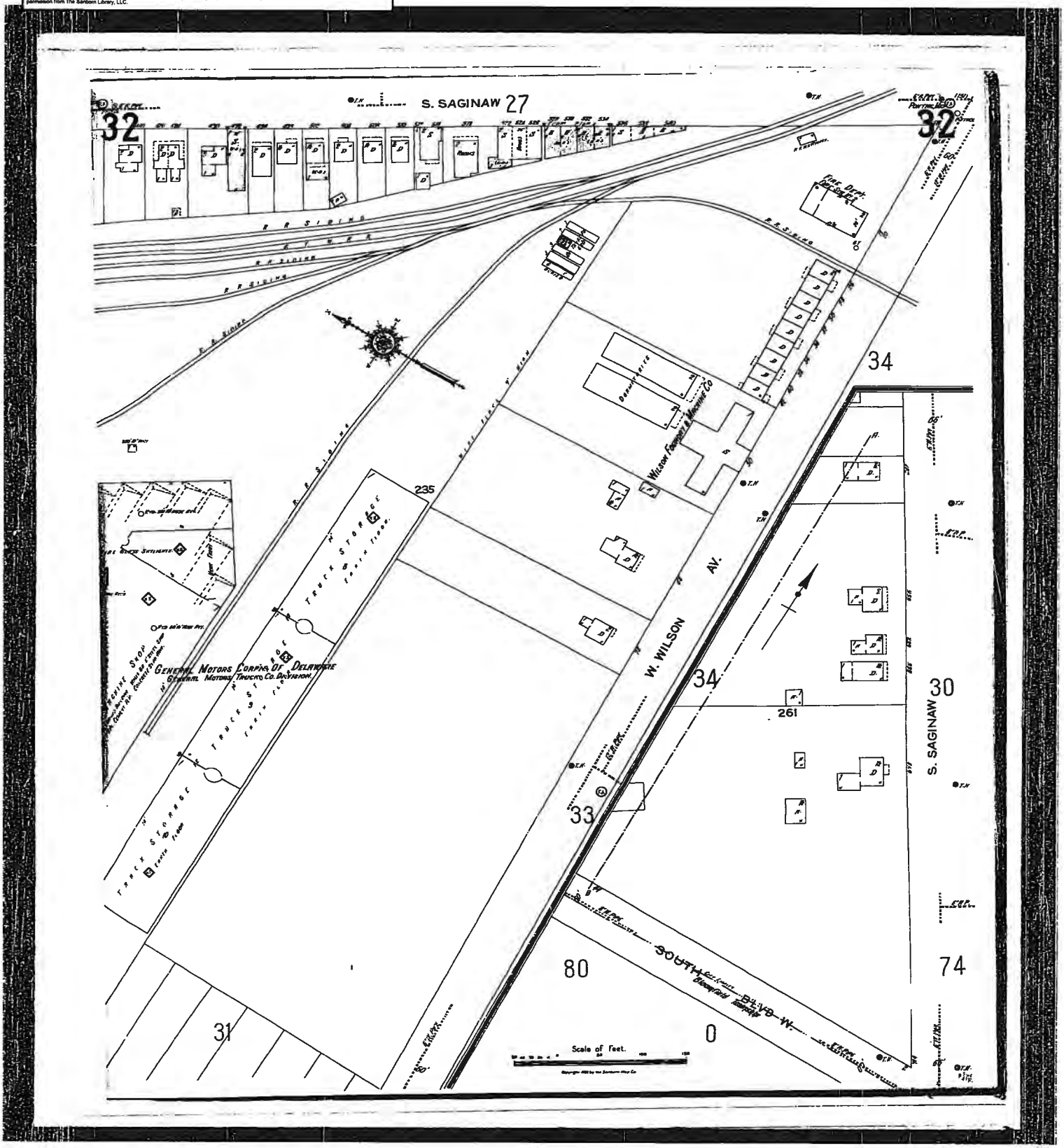
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

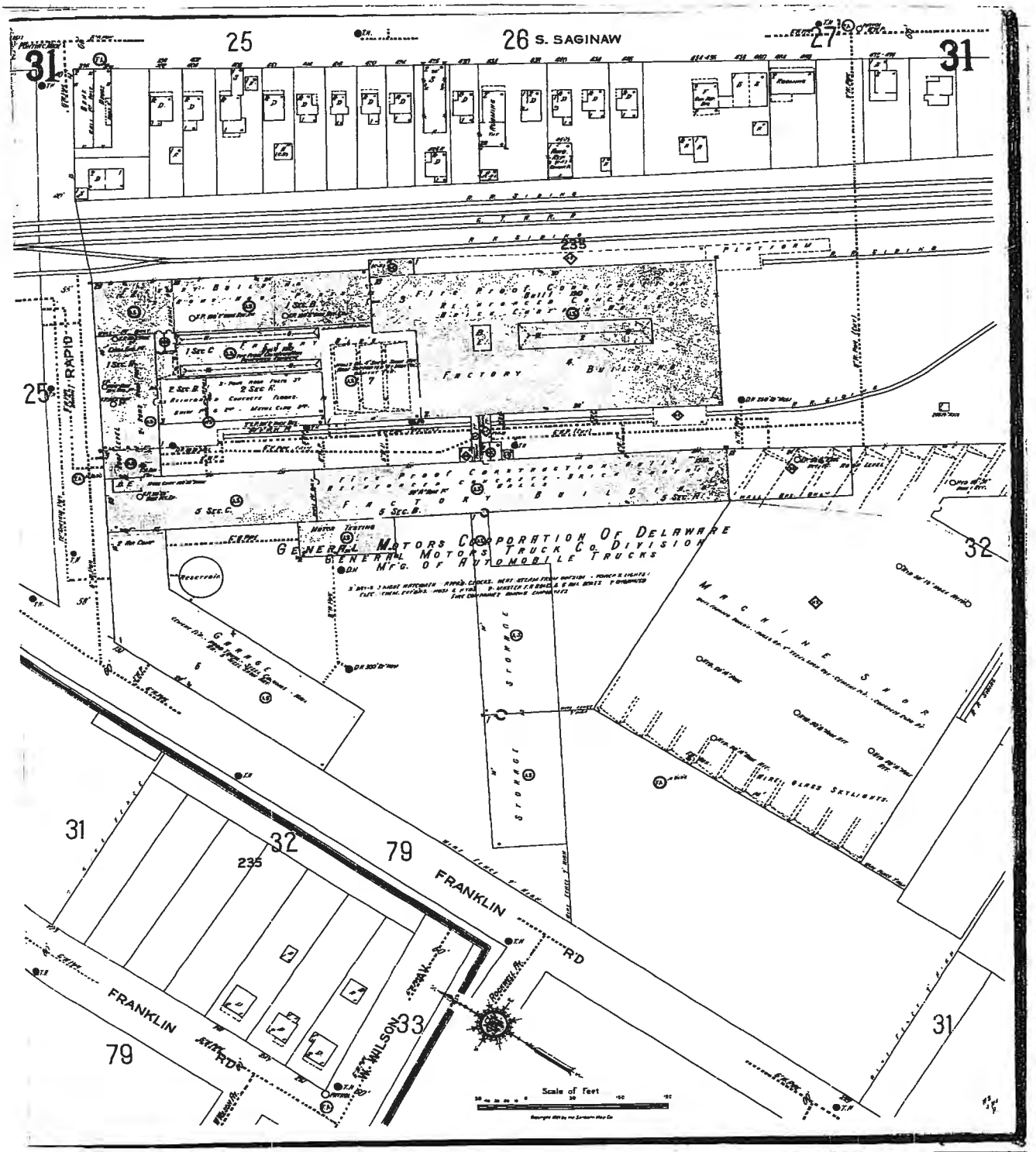


The Sanborn Library, LLC

Copyright© 1924 The Sanborn Library, LLC CHP
Year EDR 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.

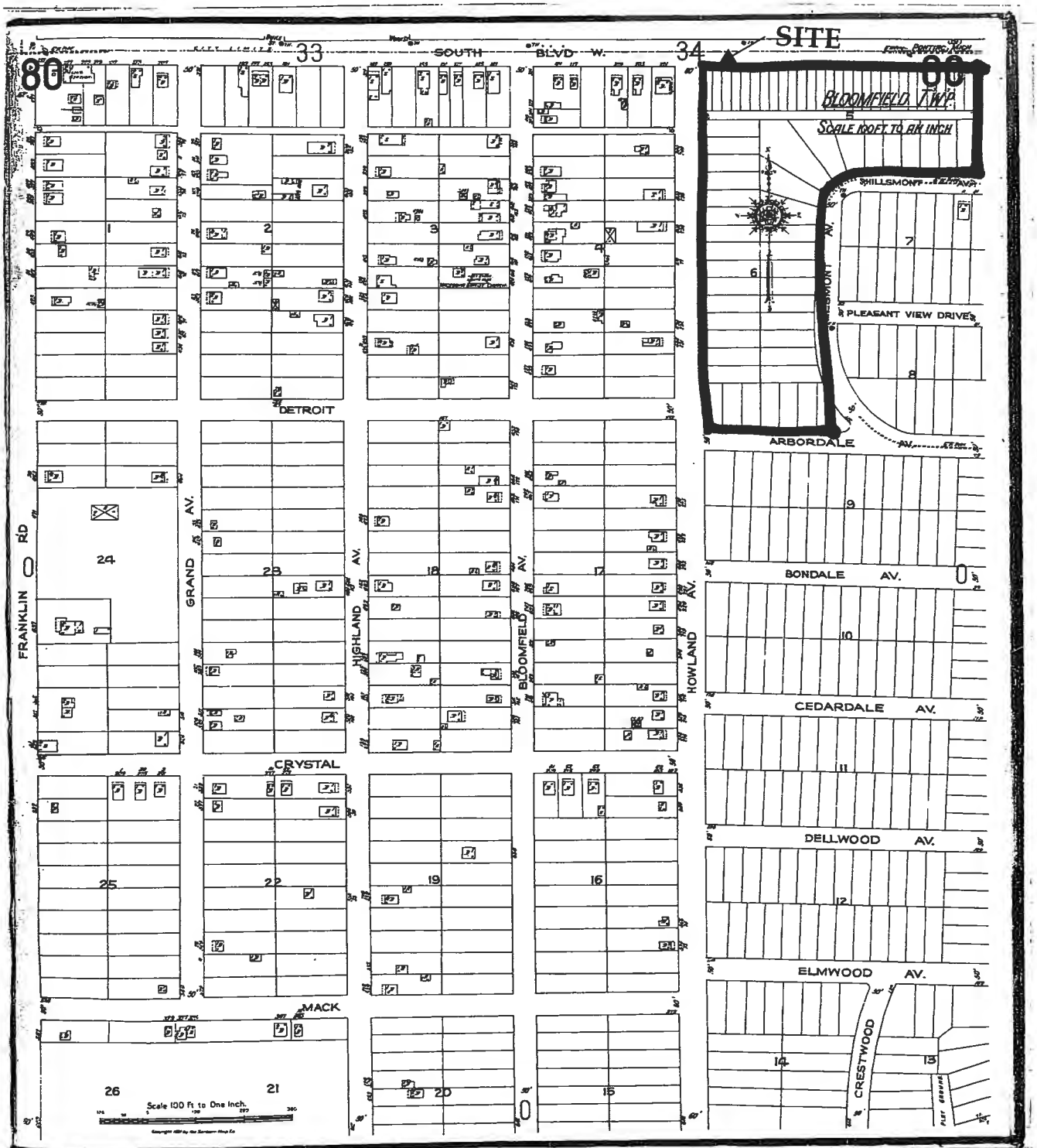




The Sanborn Library, LLC

Copyright© 1924 The Sanborn Library, LLC CHP
Year EDR 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



The Sanborn Library, LLC

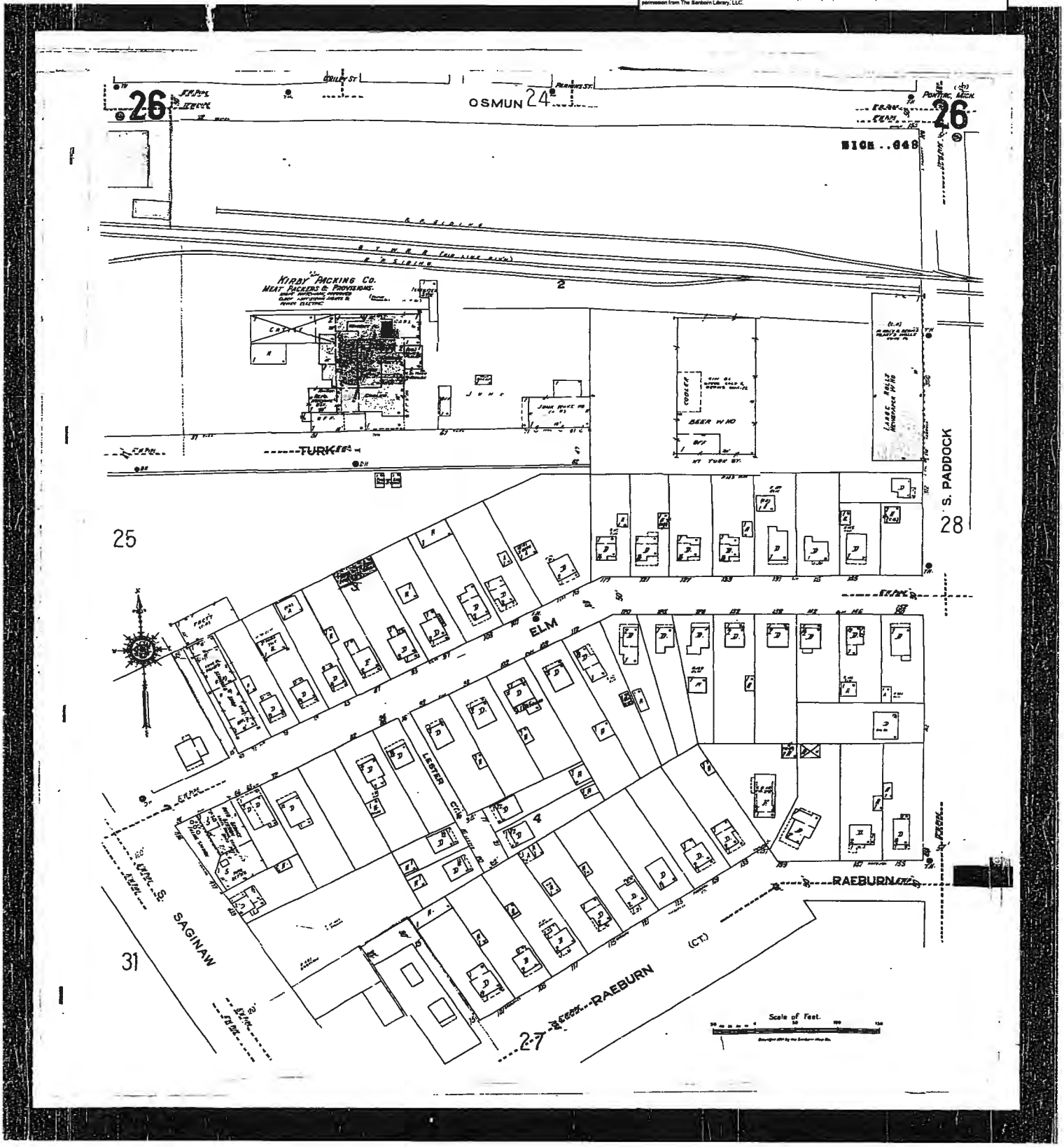
Copyright© 1924 The Sanborn Library, LLC CHP
Year EDR Research Associate

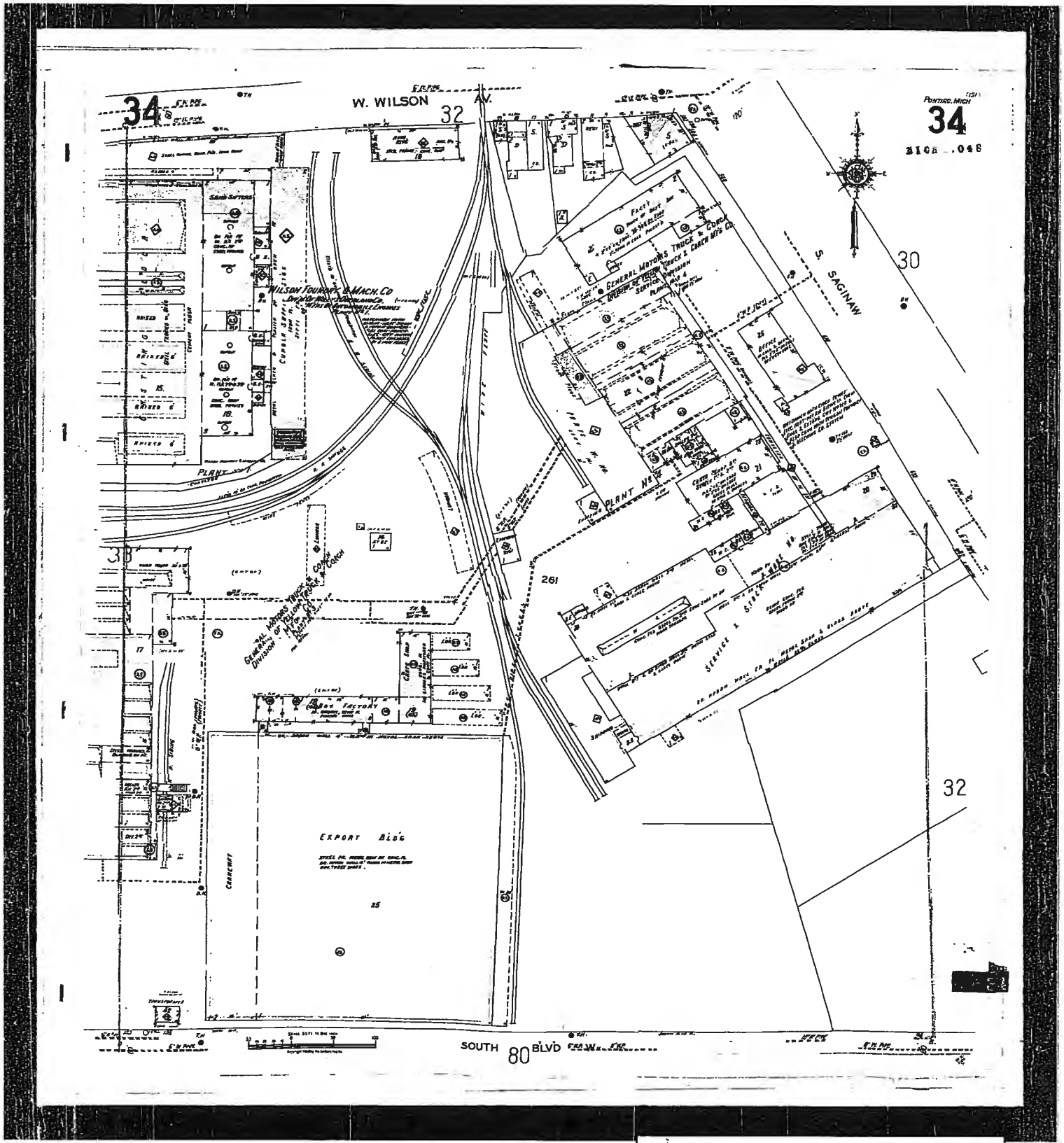
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

The Sanborn Library, LLC

Copyright© 1950 The Sanborn Library, LLC CHP
Year EDR 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.

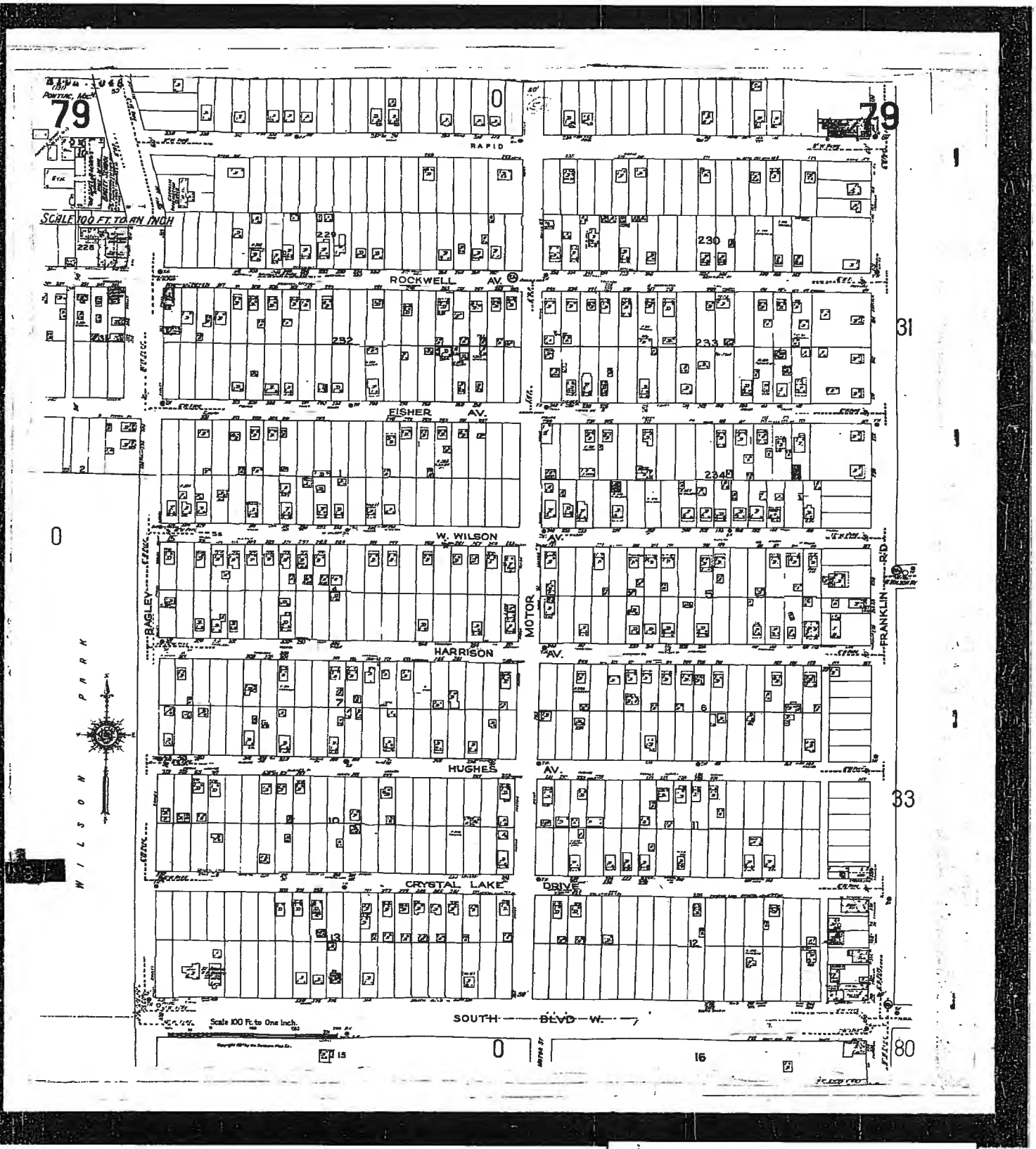




The Sanborn Library, LLC

Copyright© 1950 The Sanborn Library, LLC CHP
Year EDR 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.

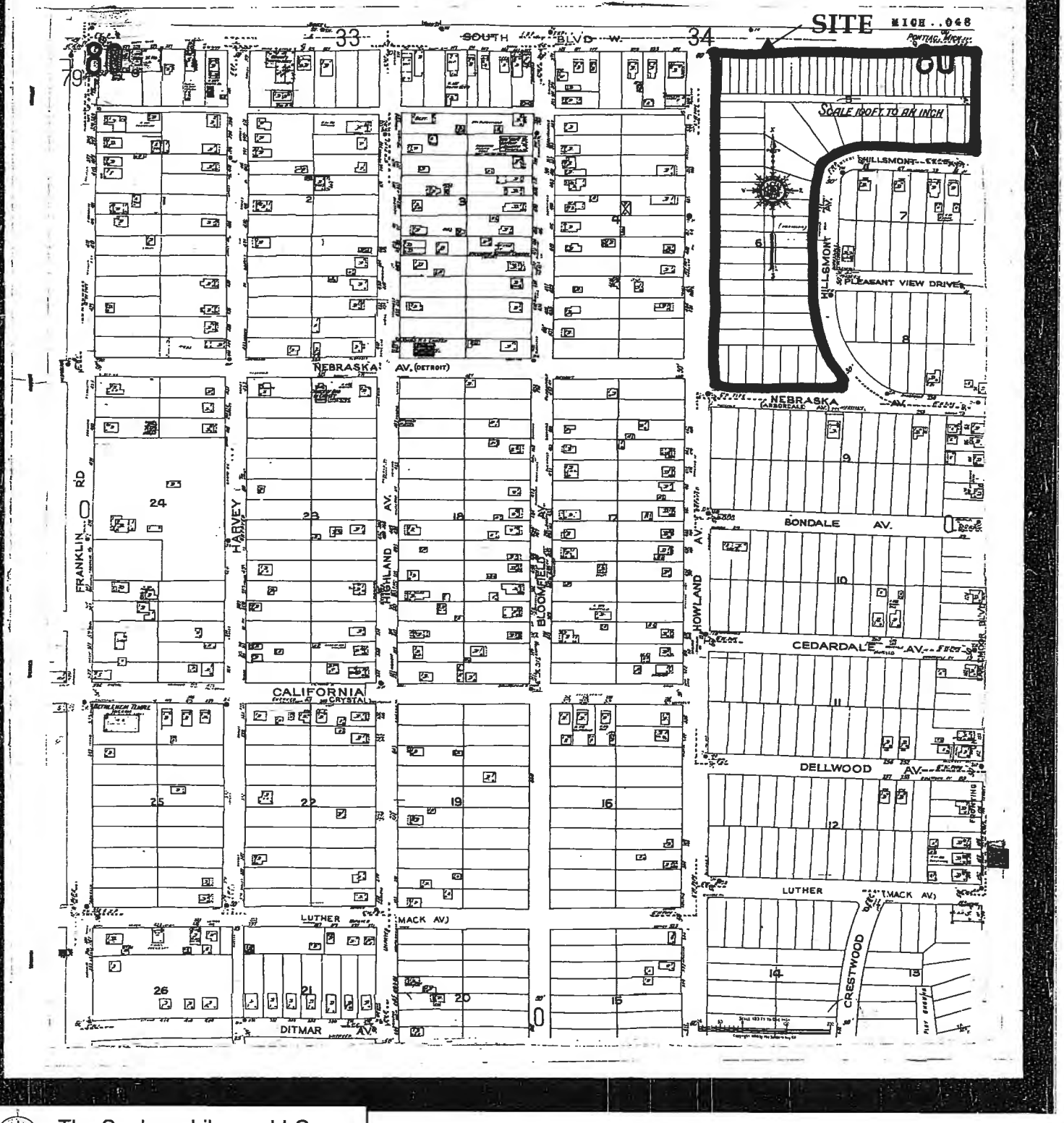


The Sanborn Library, LLC

Copyright© 1950 The Sanborn Library, LLC CHP

Year EDR 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.



The Sanborn Library, LLC

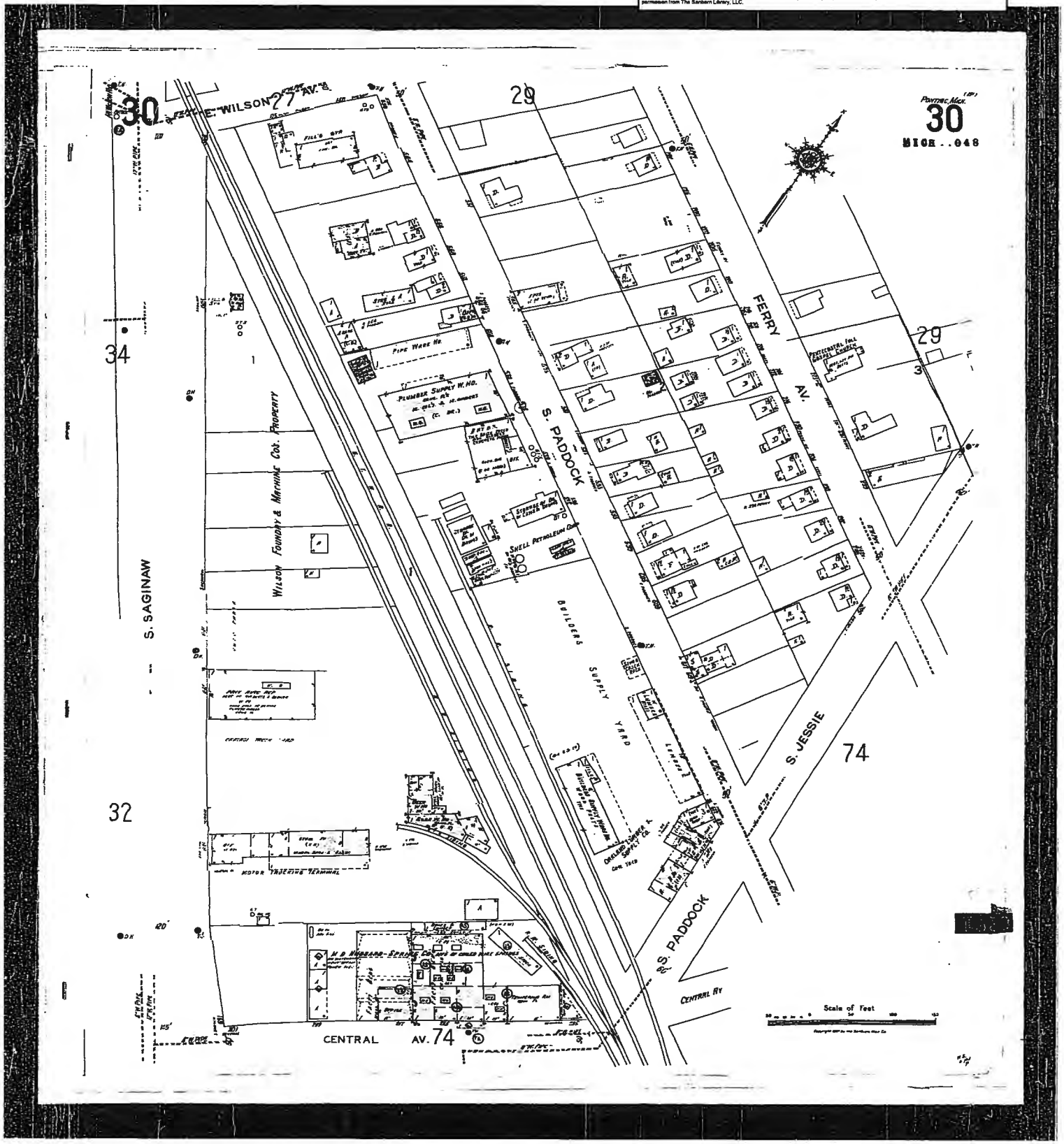
Copyright© 1950 The Sanborn Library, LLC CHP
Year EDR Research Associate

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.

The Sanborn Library, LLC

Copyright© 1950 The Sanborn Library, LLC CHP
Year EDR Research Associate

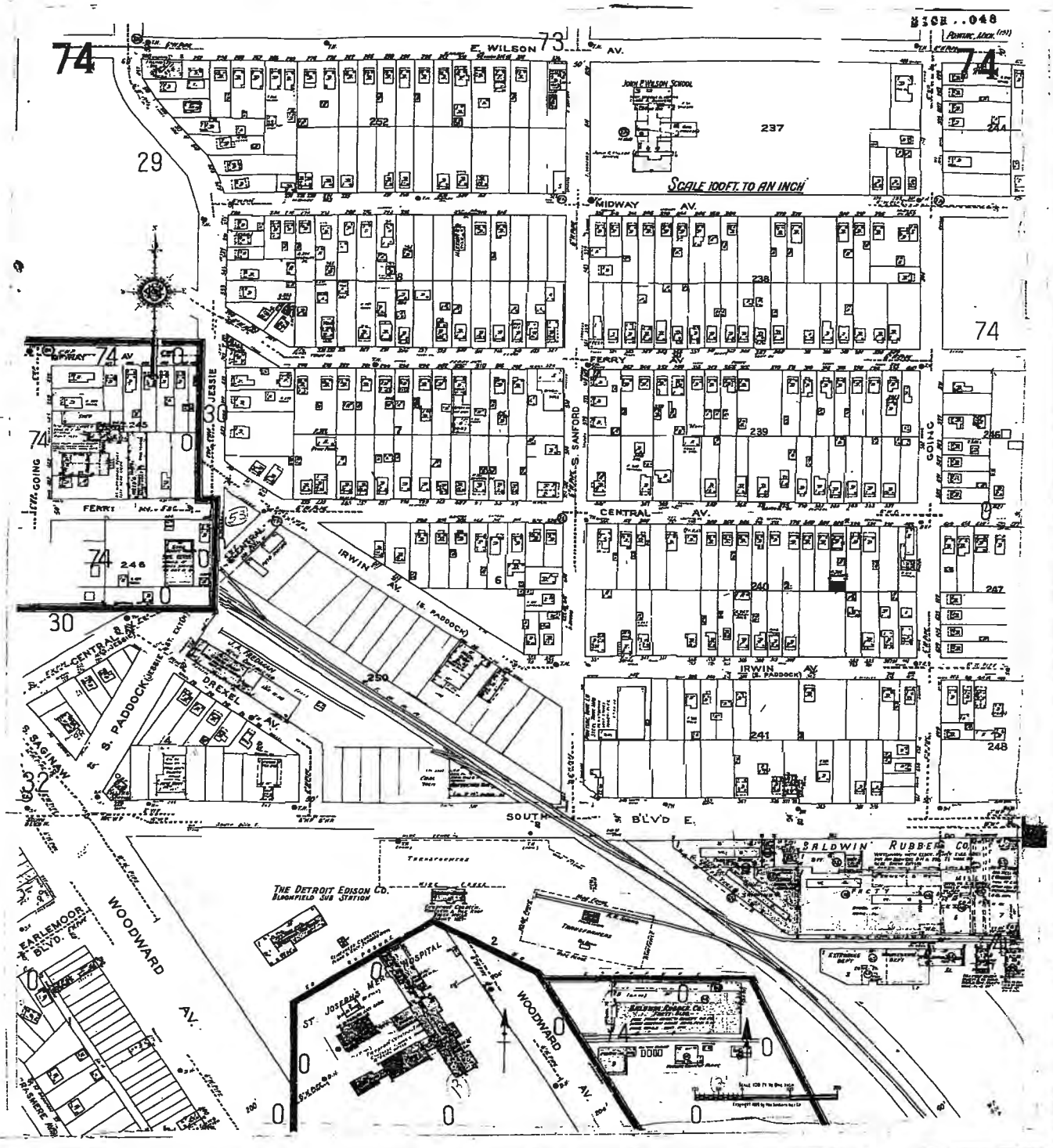
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



The Sanborn Library, LLC

Copyright© 1950 The Sanborn Library, LLC CHP
Year EDR Research Associate

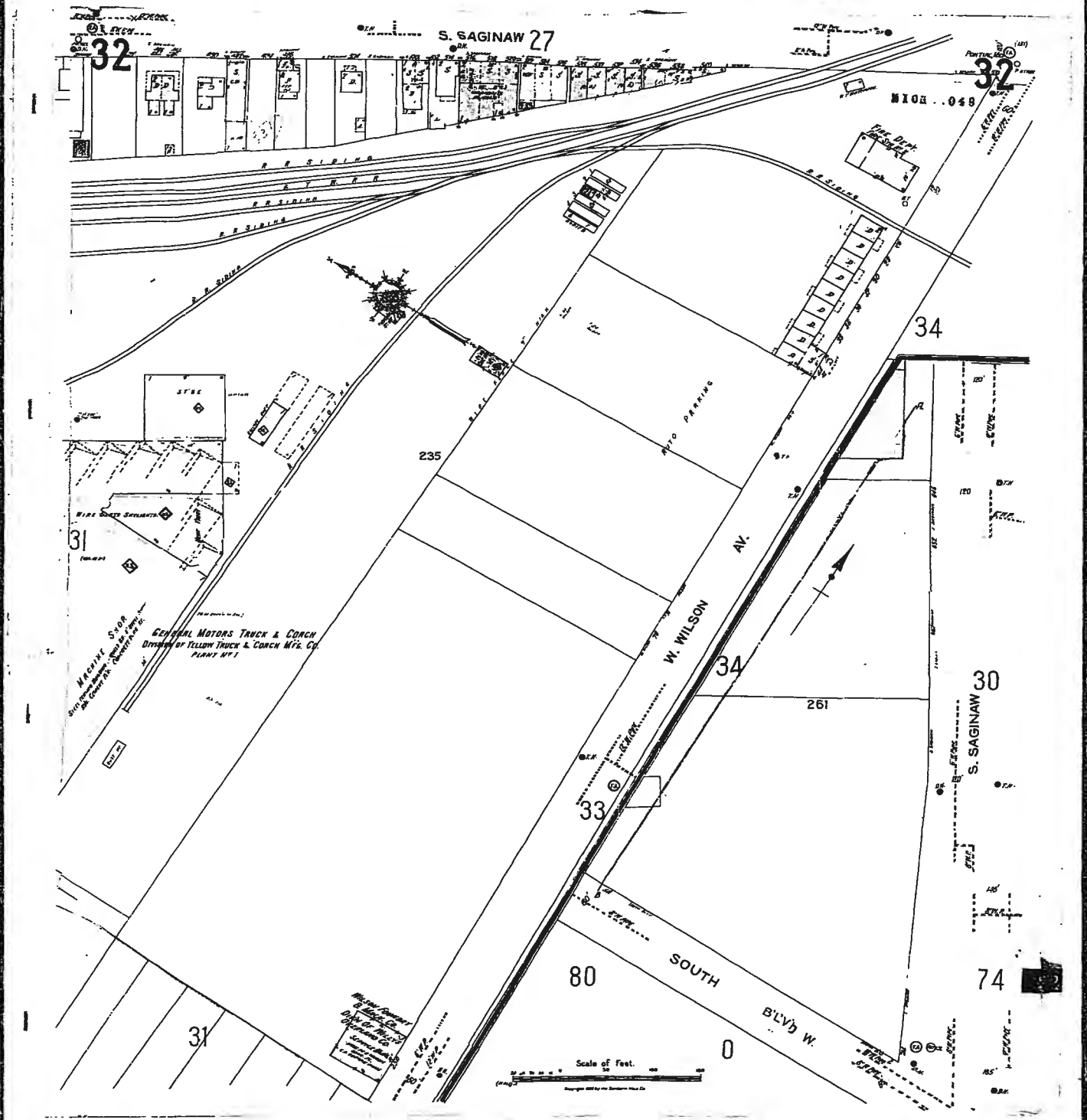
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.



The Sanborn Library, LLC

Copyright© 1950 The Sanborn Library, LLC CHP
Year EDR Research Associate

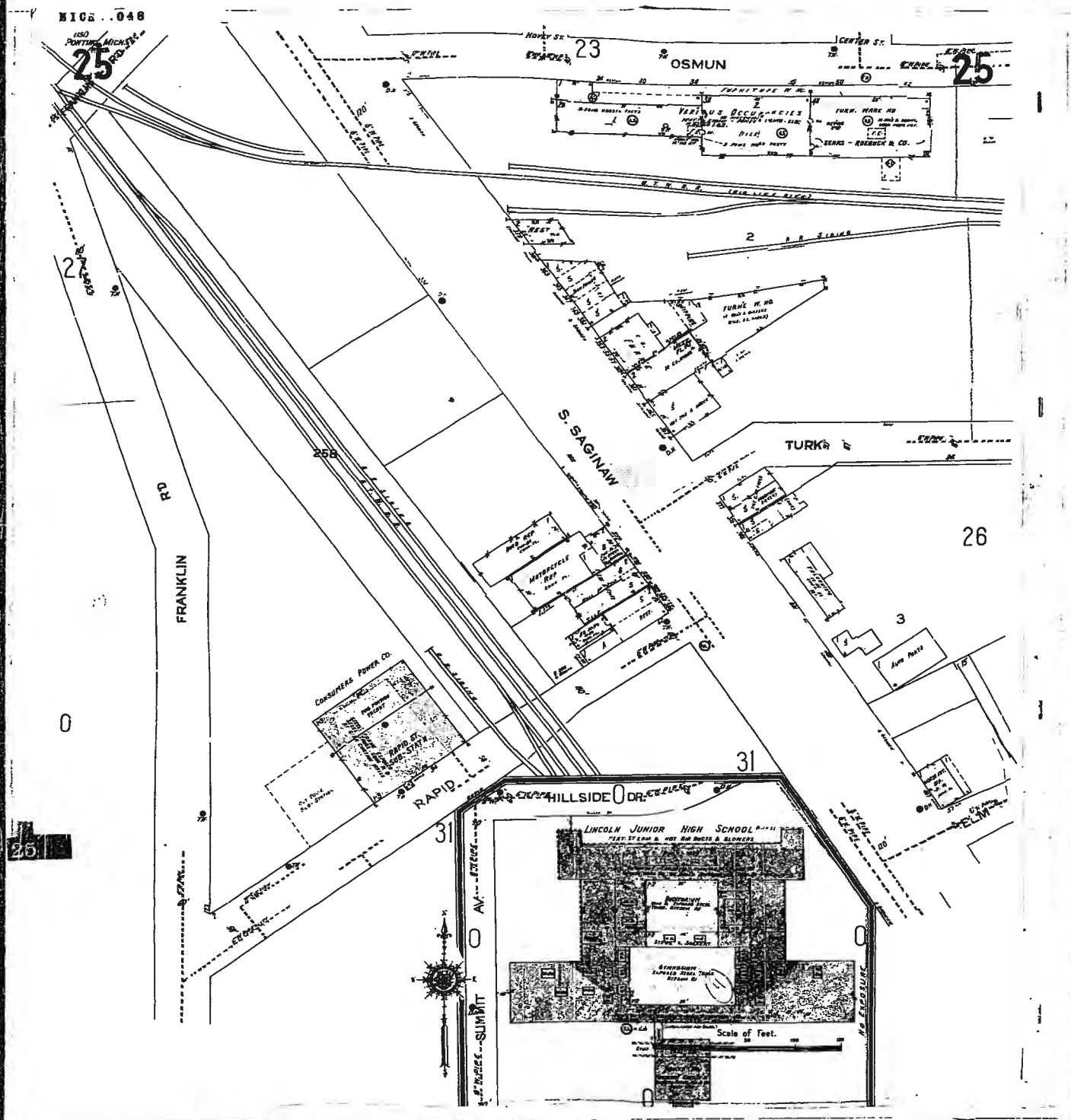
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC



The Sanborn Library, LLC

Copyright© 1950 The Sanborn Library, LLC CHP
Year EDR Research Associate

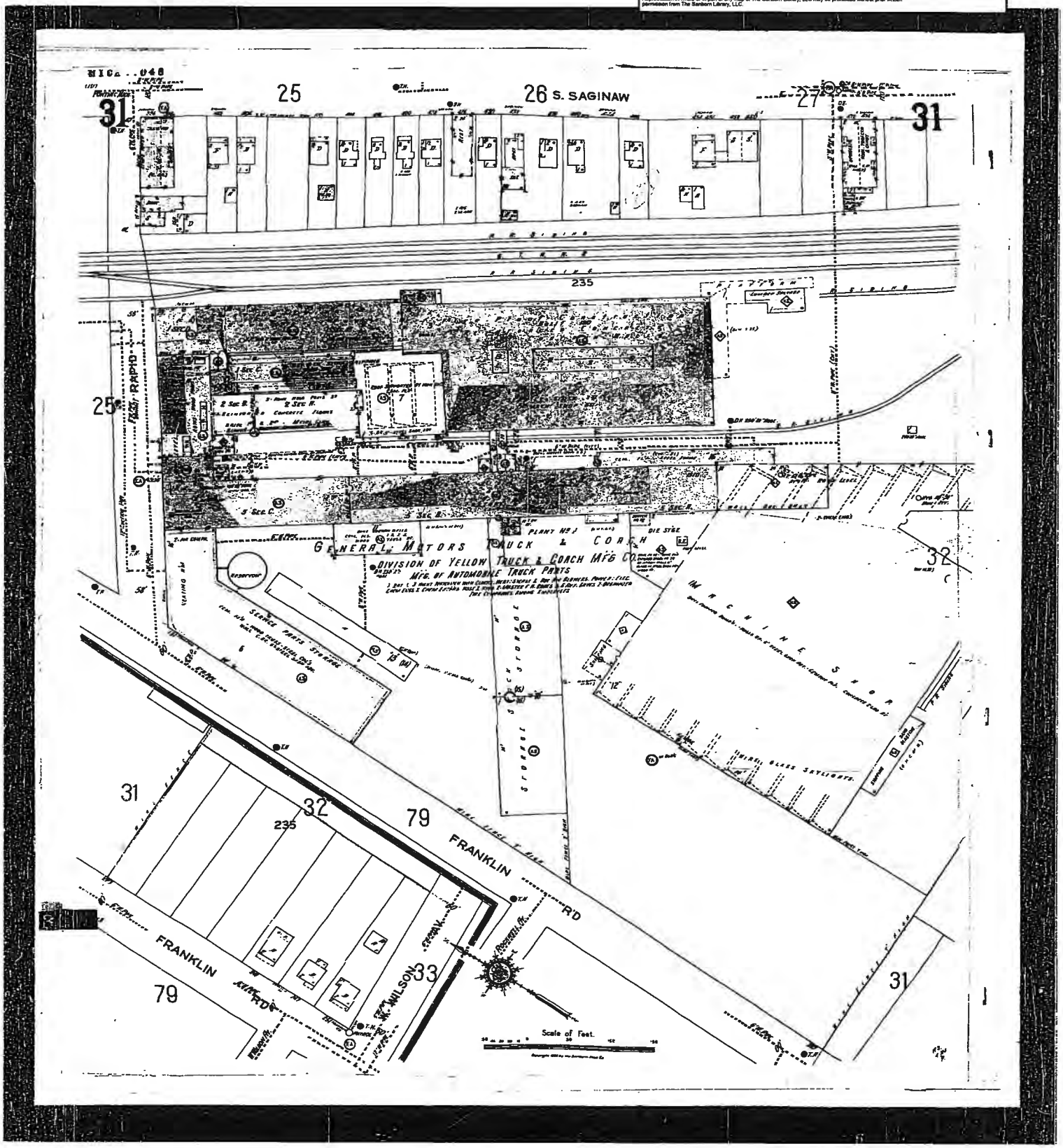
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

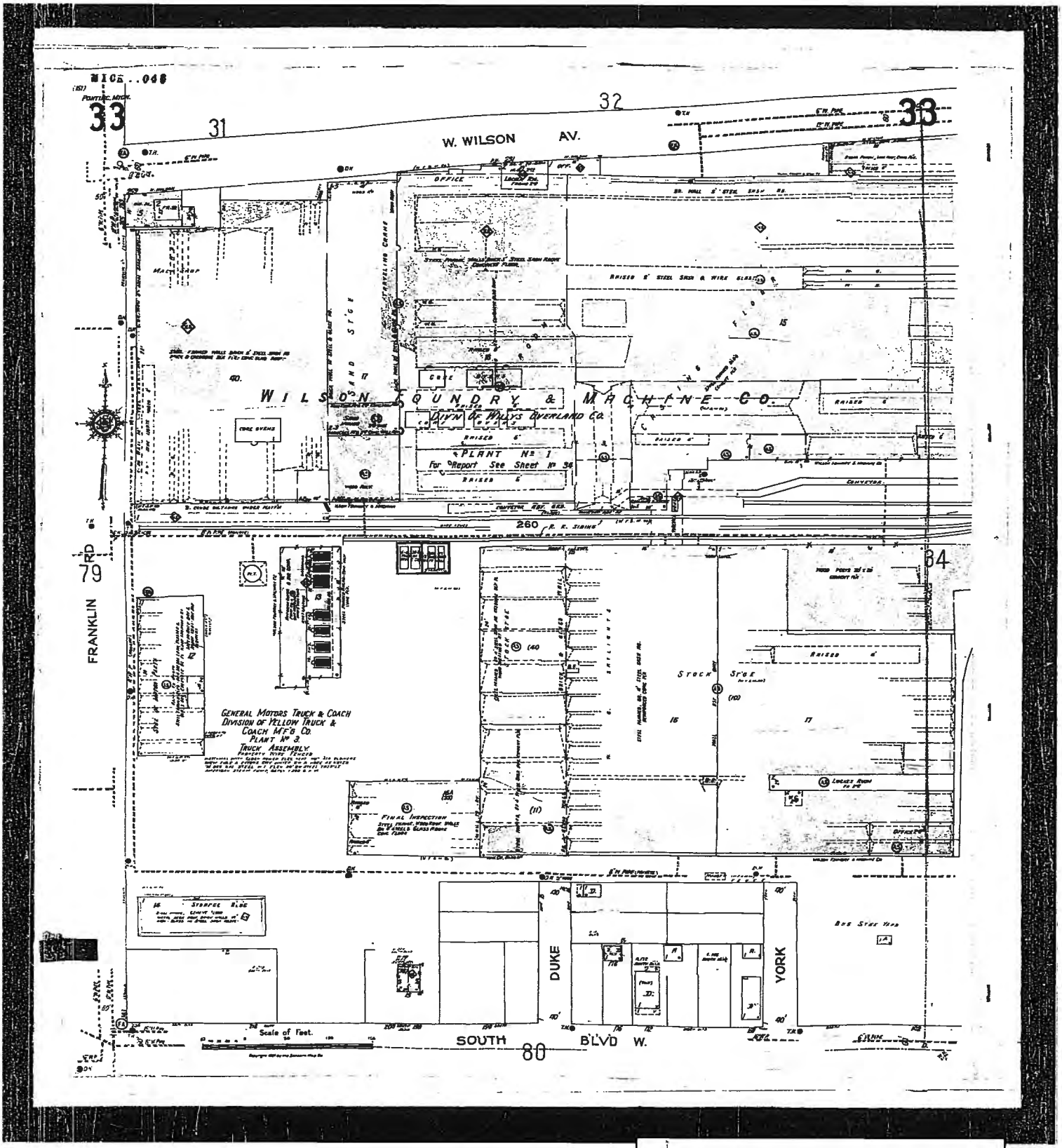


The Sanborn Library, LLC

Copyright© 1950 The Sanborn Library, LLC CHP
Year EDR 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





The Sanborn Library, LLC

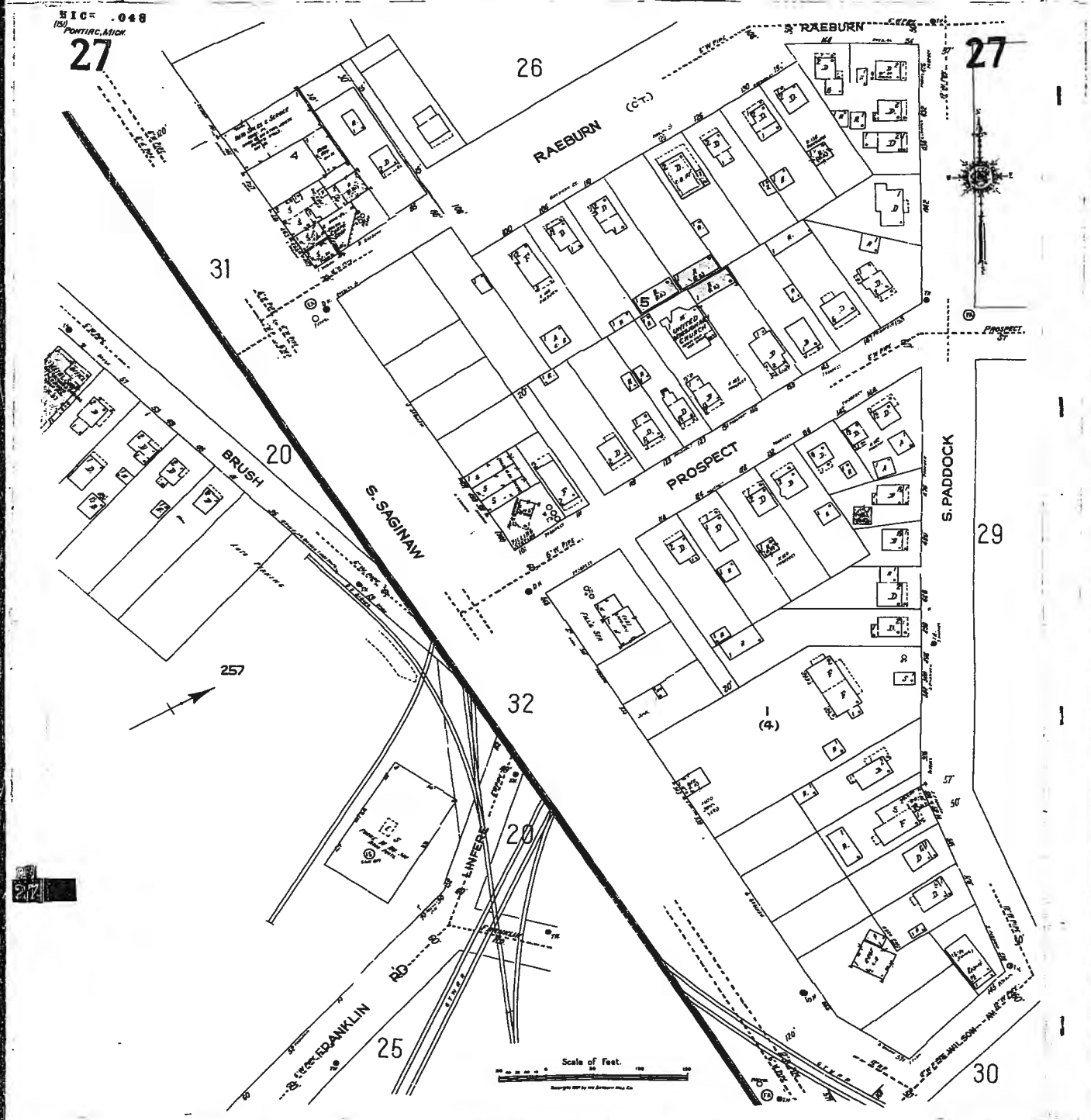
Copyright© 1950 The Sanborn Library, LLC CHP
Year EDR Research Associate

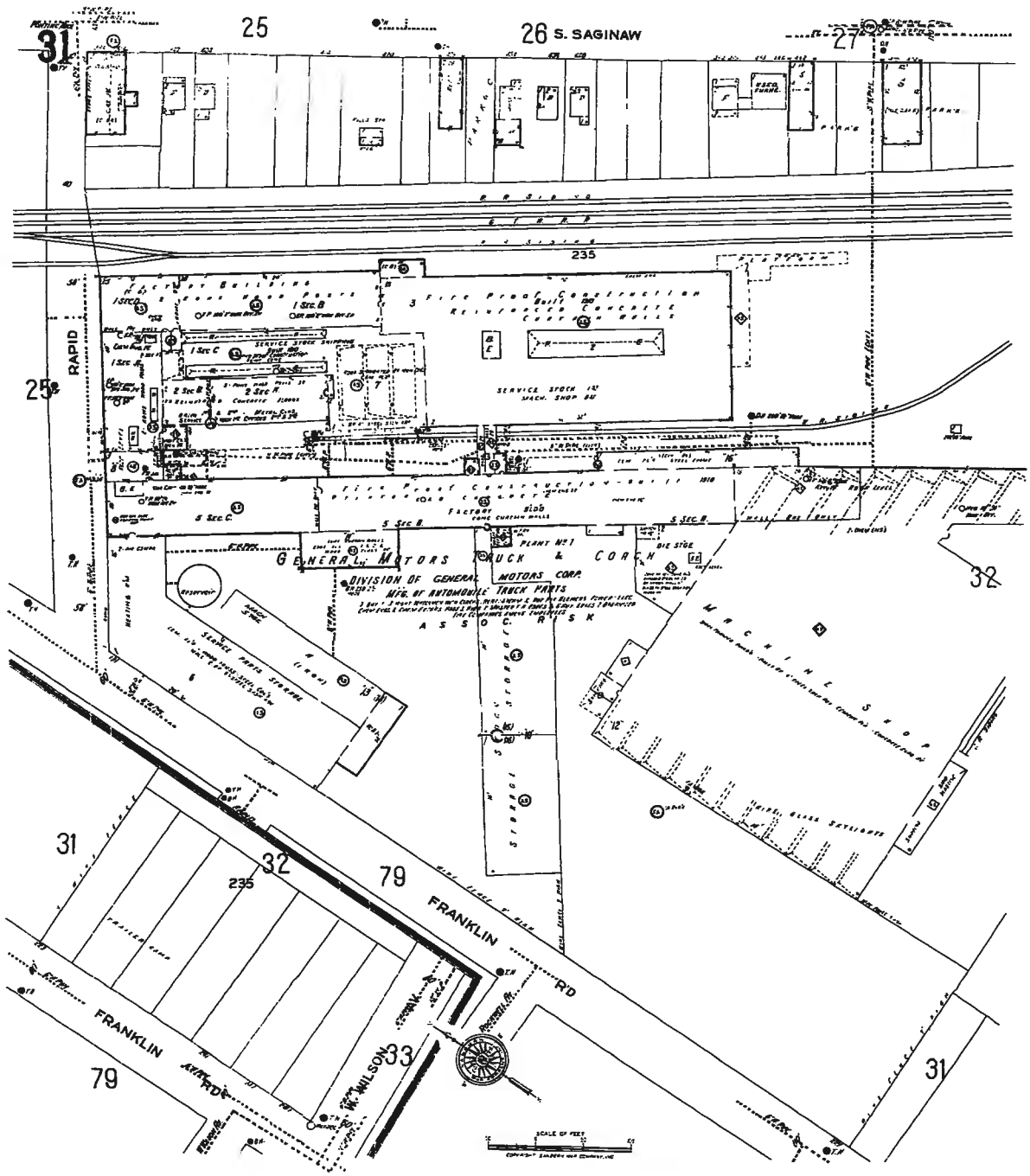
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

The Sanborn Library, LLC

Copyright© 1950 The Sanborn Library, LLC CHP
Year EDR 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.

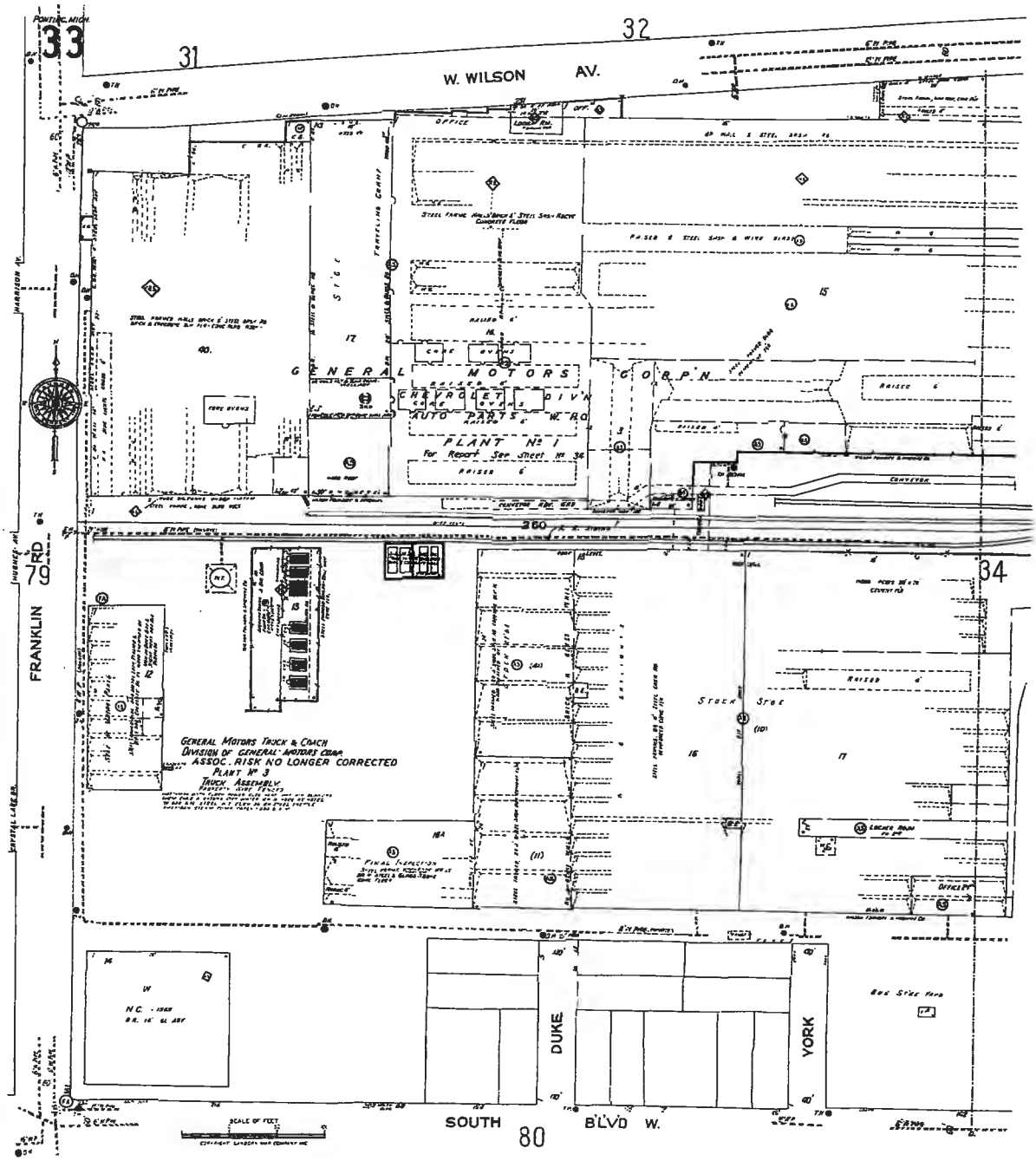




The Sanborn Library, LLC

Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR 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.



The Sanborn Library, LLC

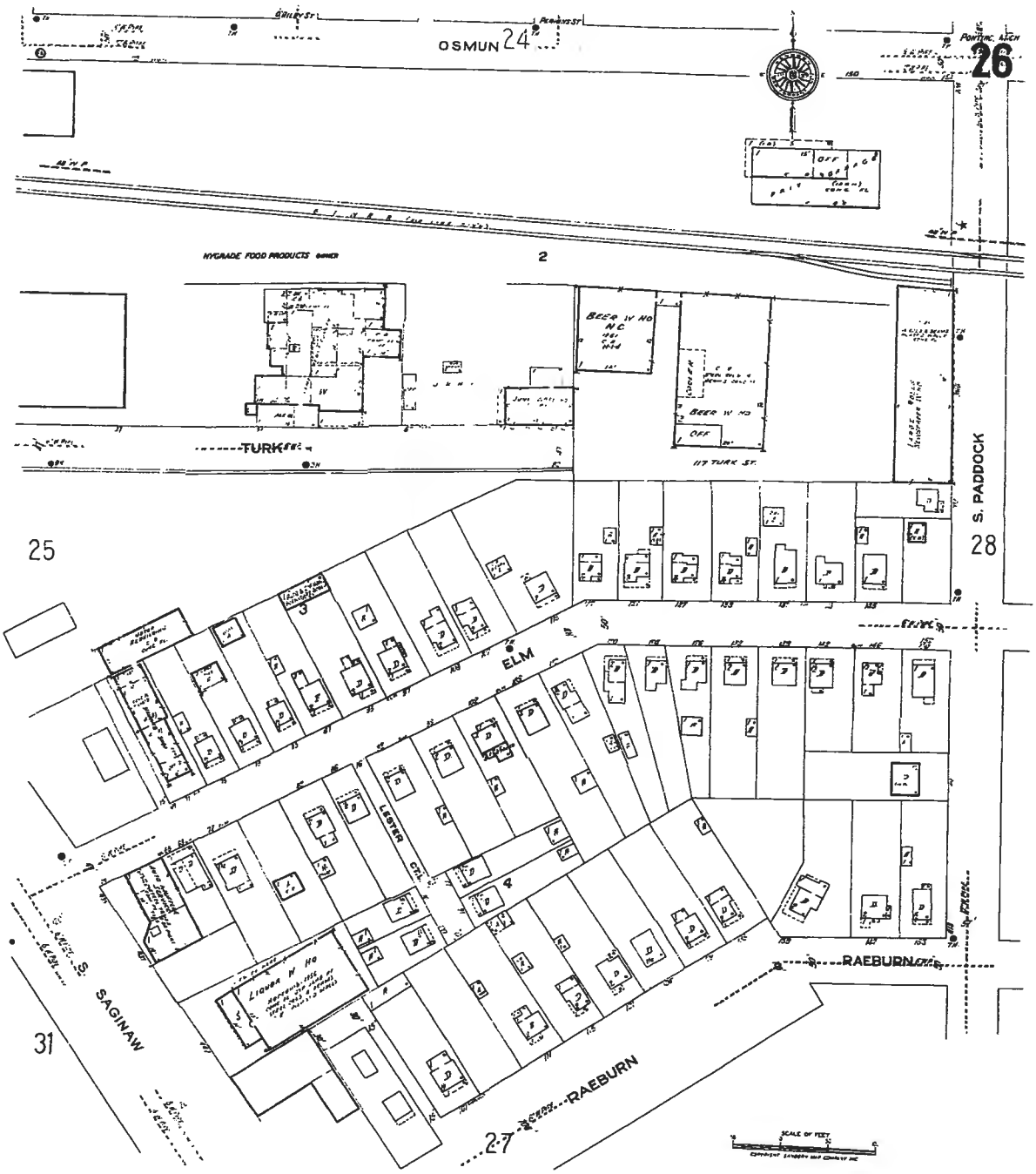
Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR Research Associate

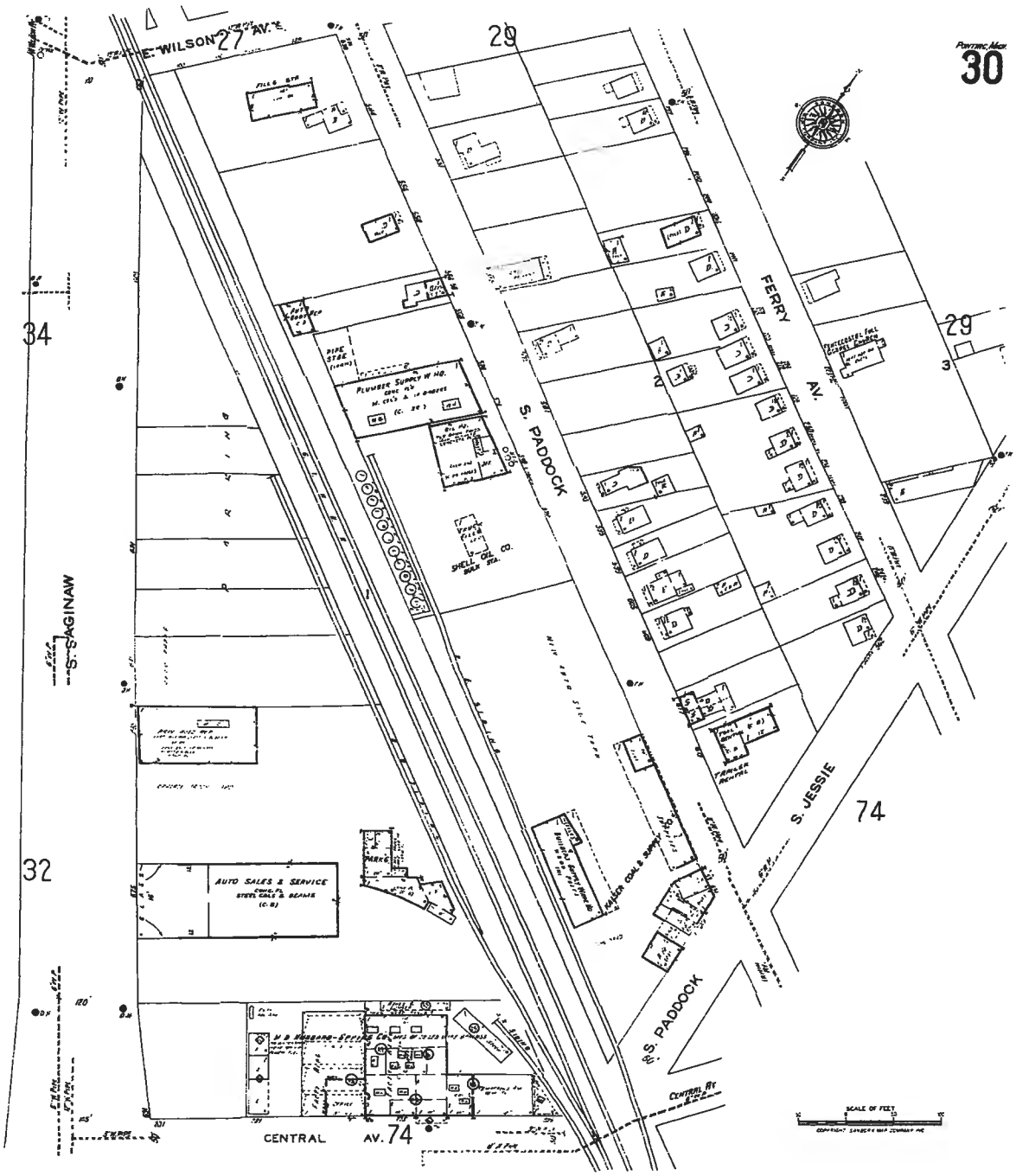
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

The Sanborn Library, LLC

Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR 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.





The Sanborn Library, LLC

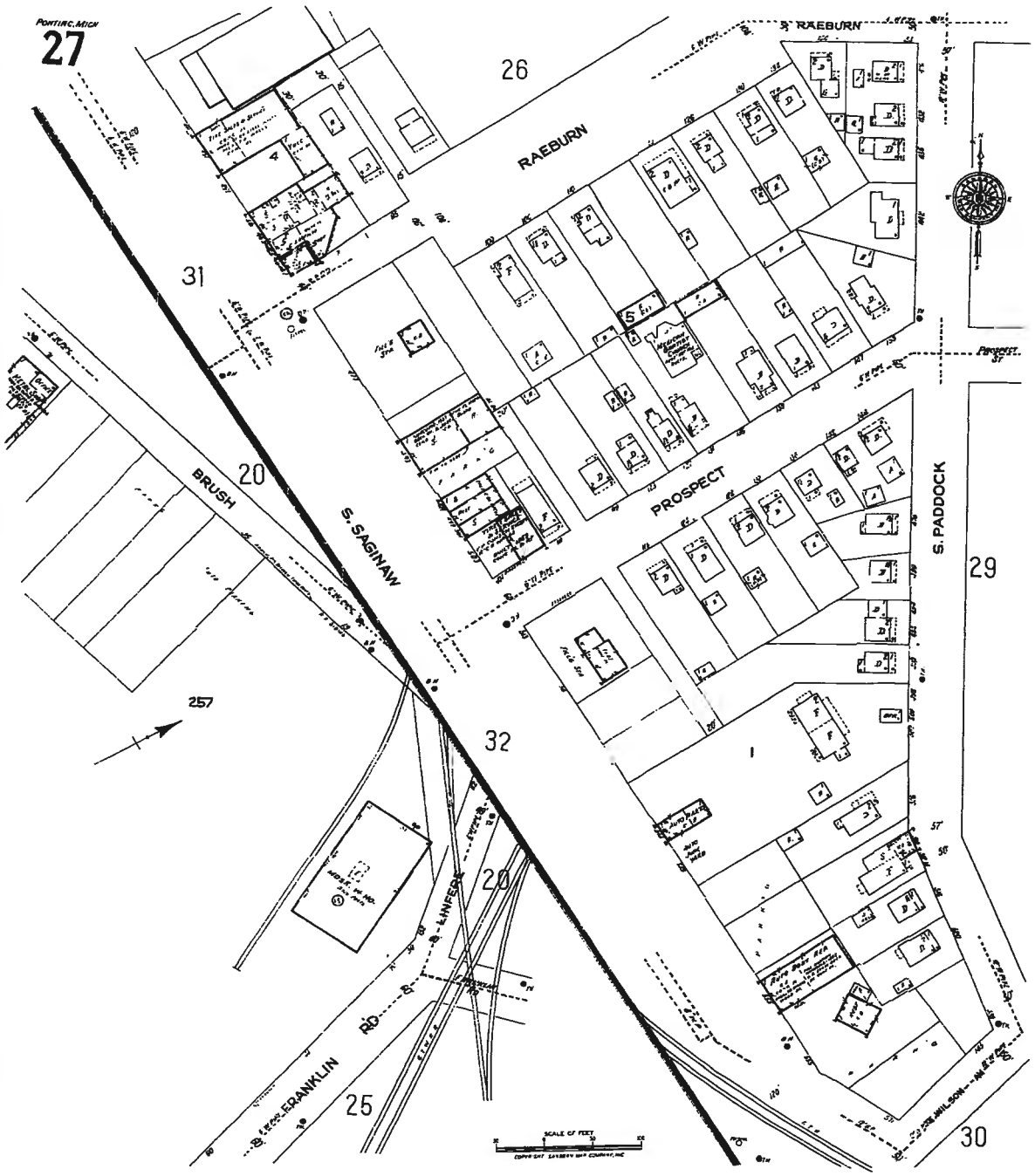
Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR Research Associate

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.

The Sanborn Library, LLC

Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR Research Associate

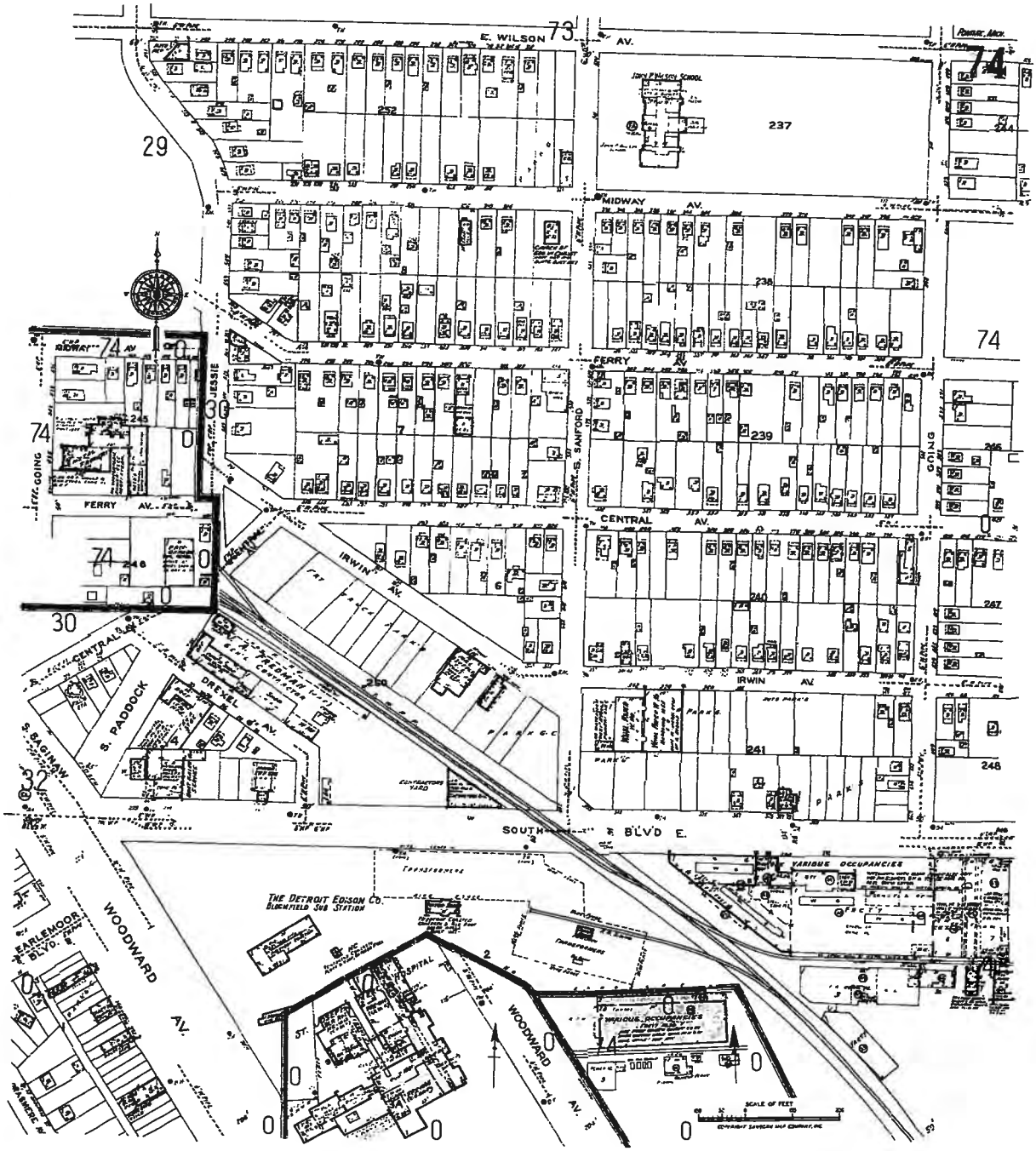
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

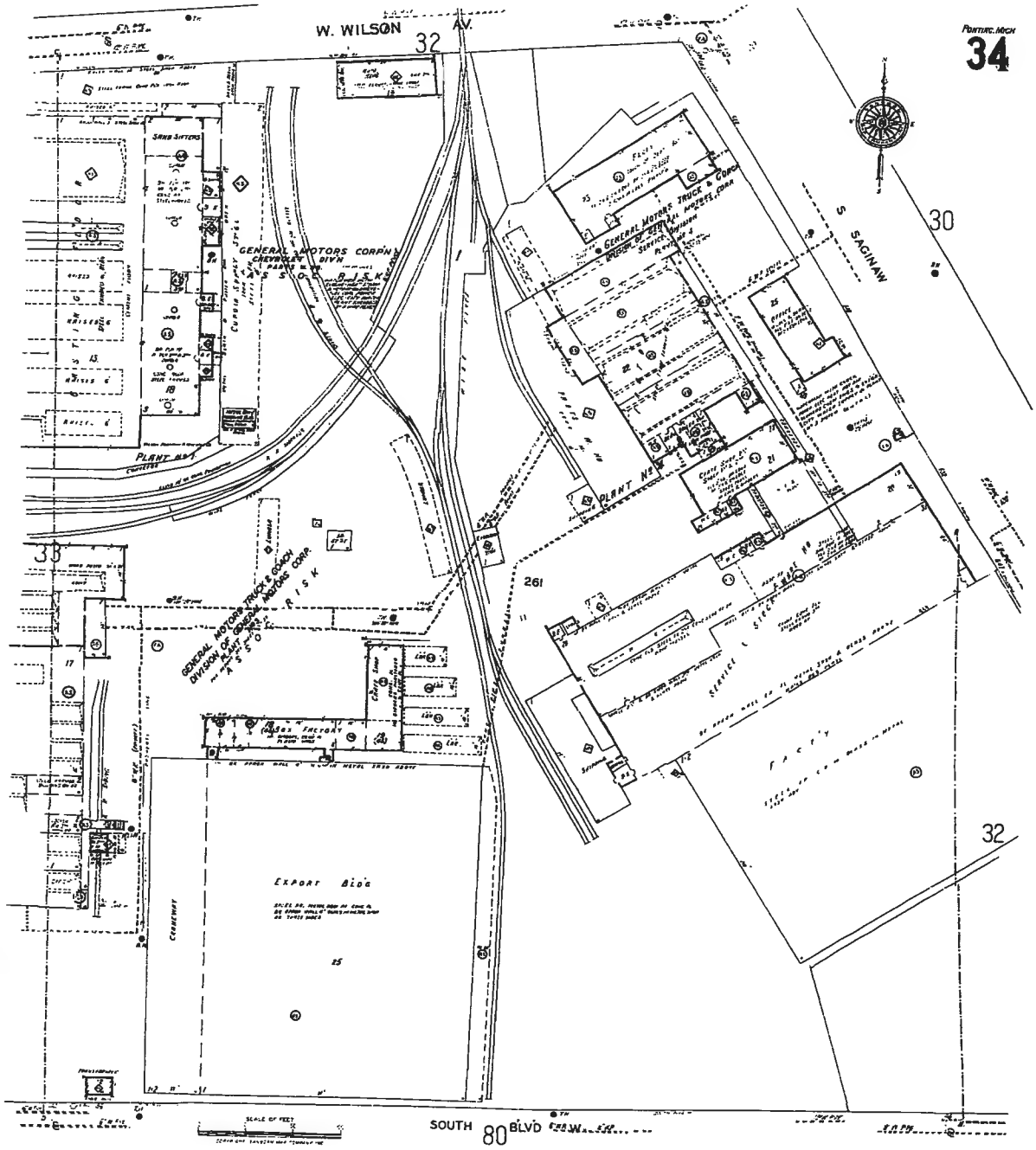


The Sanborn Library, LLC

Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR 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.





The Sanborn Library, LLC

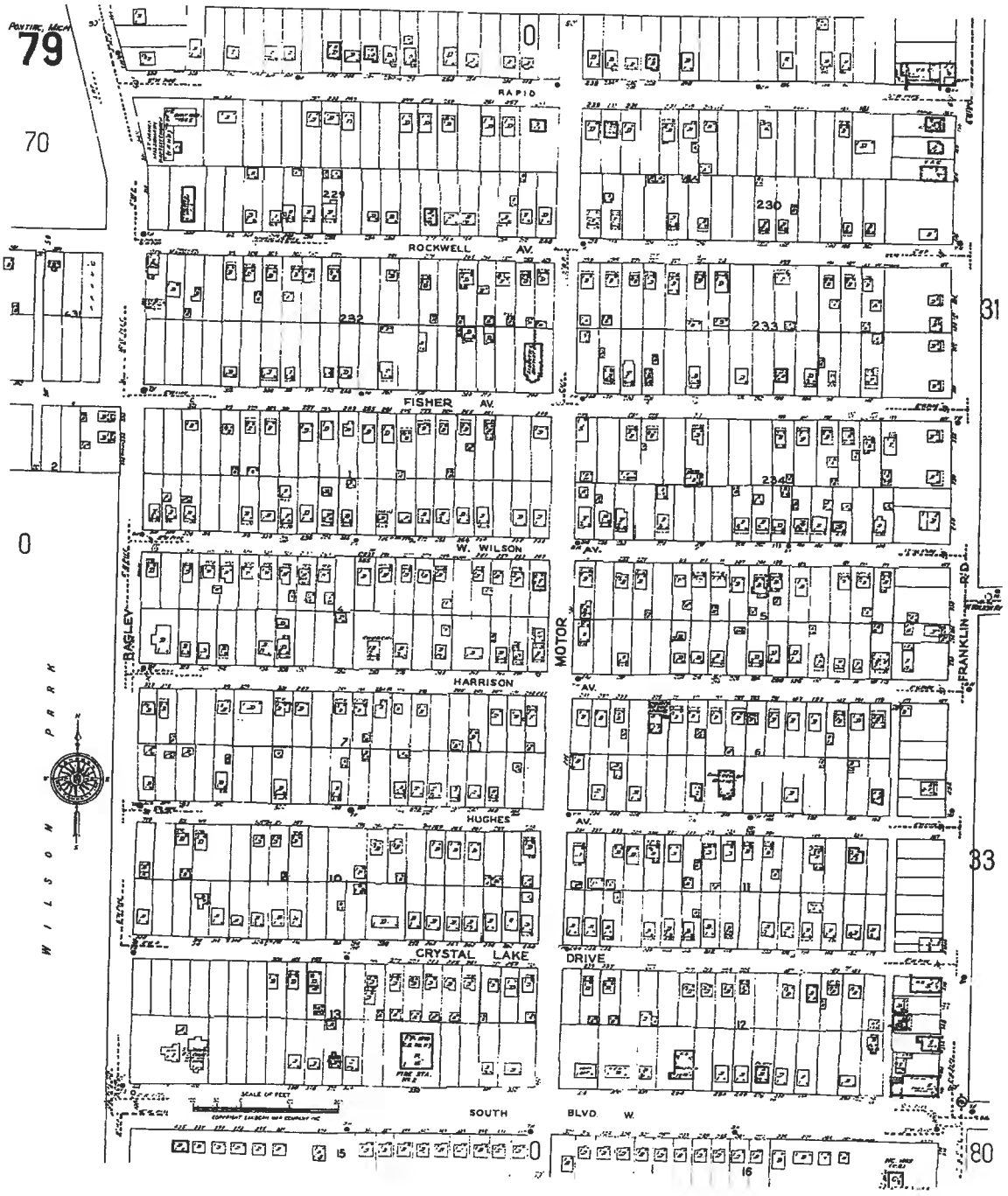
Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR Research Associate

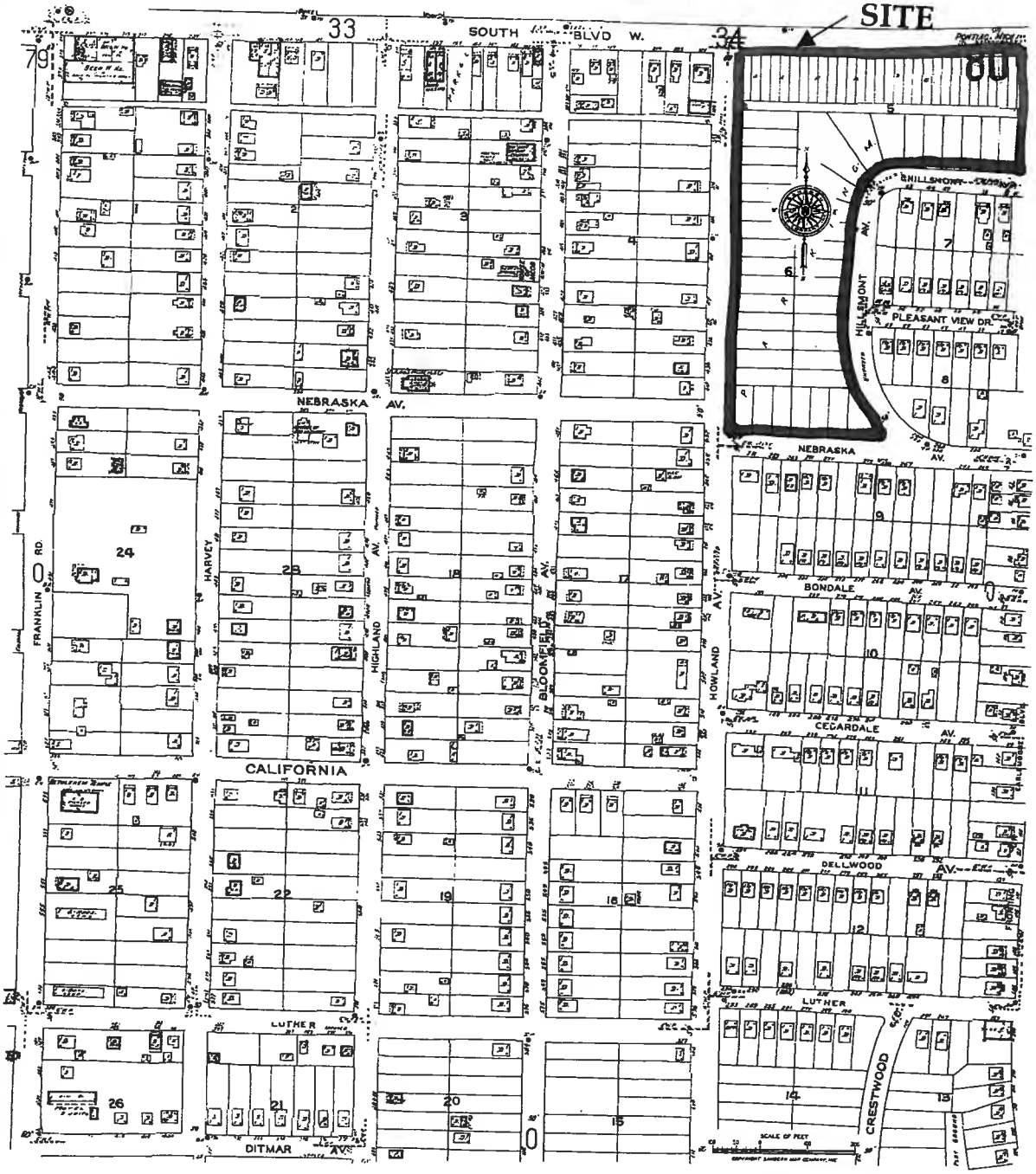
Reproduction in whole or in part of any map of The Sanborn Library, LLC may be prohibited without prior written permission from The Sanborn Library, LLC.

The Sanborn Library, LLC

Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR 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.

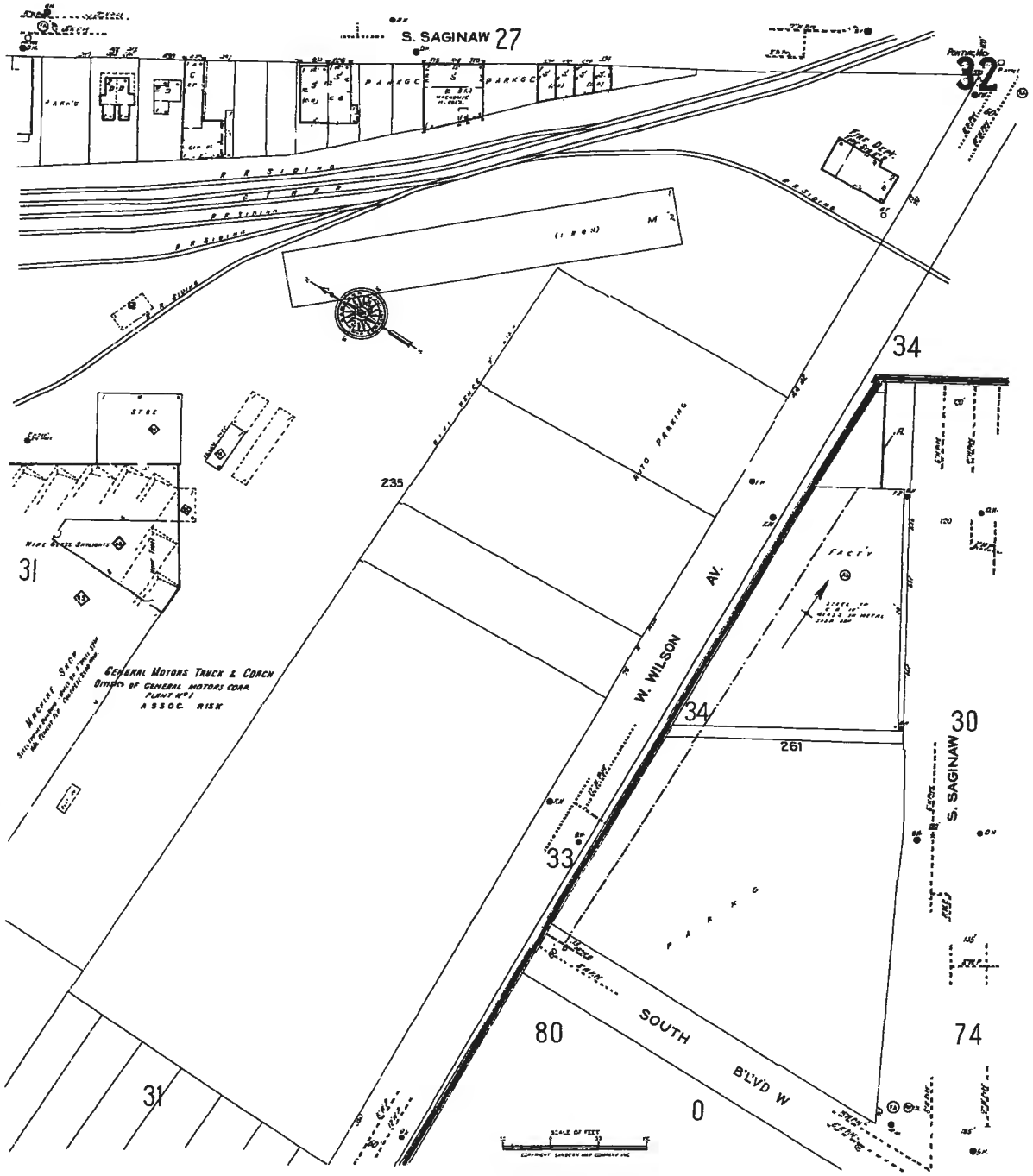




The Sanborn Library, LLC

Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR 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.



The Sanborn Library, LLC

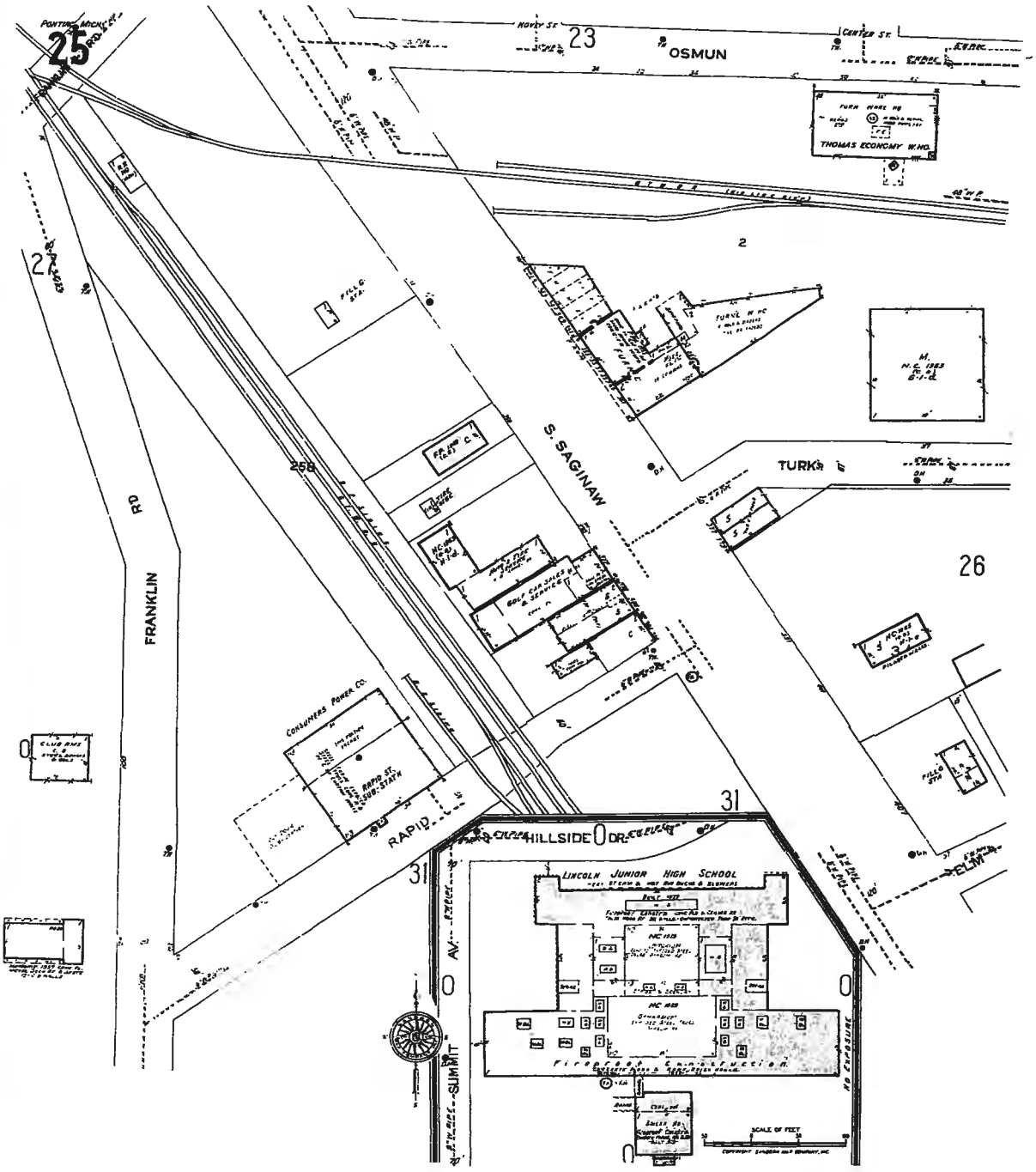
Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR Research Associate

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.

The Sanborn Library, LLC

Copyright© 1970 The Sanborn Library, LLC CHP
Year EDR 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.



APPENDIX F

HISTORIC AERIAL PHOTOGRAPHS

The EDR Aerial Photo Decade Package

17322 - Pontiac, MI
South Blvd. West & Howard St.
Pontiac, MI 48341

Inquiry Number: 1706492.5

June 30, 2006

EDR® Environmental
Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDRs professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report AS IS. Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

Date EDR Searched Historical Sources:

Aerial Photography June 30, 2006

Target Property:

South Blvd. West & Howard St.
Pontiac, MI 48341

Year	*Scale*	*Details*	*Source*
1940	Aerial Photograph. Scale: 1"=500'	Flight Year: 1940	AAA
1949	Aerial Photograph. Scale: 1"=500'	Flight Year: 1949	D.E.
1957	Aerial Photograph. Scale: 1"=500'	Flight Year: 1957	CSS
1964	Aerial Photograph. Scale: 1"=500'	Flight Year: 1964	ASCS
1972	Aerial Photograph. Scale: 1"=600'	Flight Year: 1972	ASCS
1980	Aerial Photograph. Scale: 1"=500'	Flight Year: 1980	Semcog
1993	Aerial Photograph. Scale: 1"=600'	Flight Year: 1993	NAPP
2000	Aerial Photograph. Scale: 1"=500'	Flight Year: 2000	Semcog

SITE
INQUIRY #: 1706492.5
YEAR: 1940
N
= 500'

SITE
INQUIRY #: 1706492.5
YEAR: 1949
N
= 500'

SITE
INQUIRY #: 1706492.5
YEAR: 1957
= 500'
N

SITE
INQUIRY #: 1706492.5
YEAR: 1964
= 500'
N

SITE
INQUIRY #: 1706492.5
YEAR: 1972
N
= 600'

INQUIRY #: 1706492.5

YEAR: 1980

= 500'

N

SITE
INQUIRY #: 1706492.5
YEAR: 1993
= 600'
N

SITE
INQUIRY #: 1706492.5
YEAR: 2000
N
= 500'

APPENDIX G

HISTORIC TOPOGRAPHIC MAPS

17322
Jim Quigley
Lansing

EDR® Environmental
Data Resources Inc

EDR Historical Topographic Map Report

17322 - Pontiac, MI
South Blvd. West & Howard St.
Pontiac, MI 48341

Inquiry Number: 1706492.4

June 29, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Form-ZIP

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900's.

Thank you for your business.

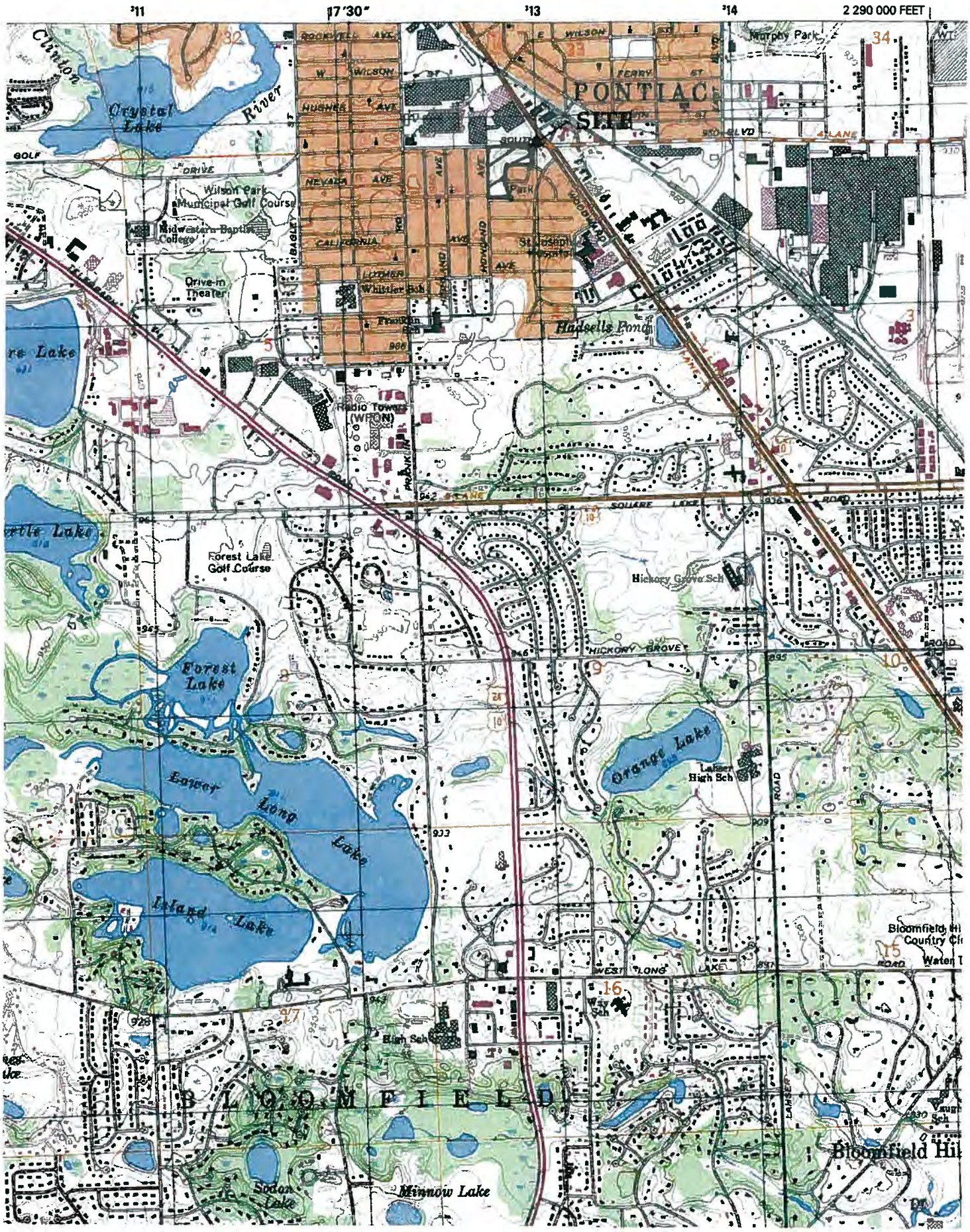
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

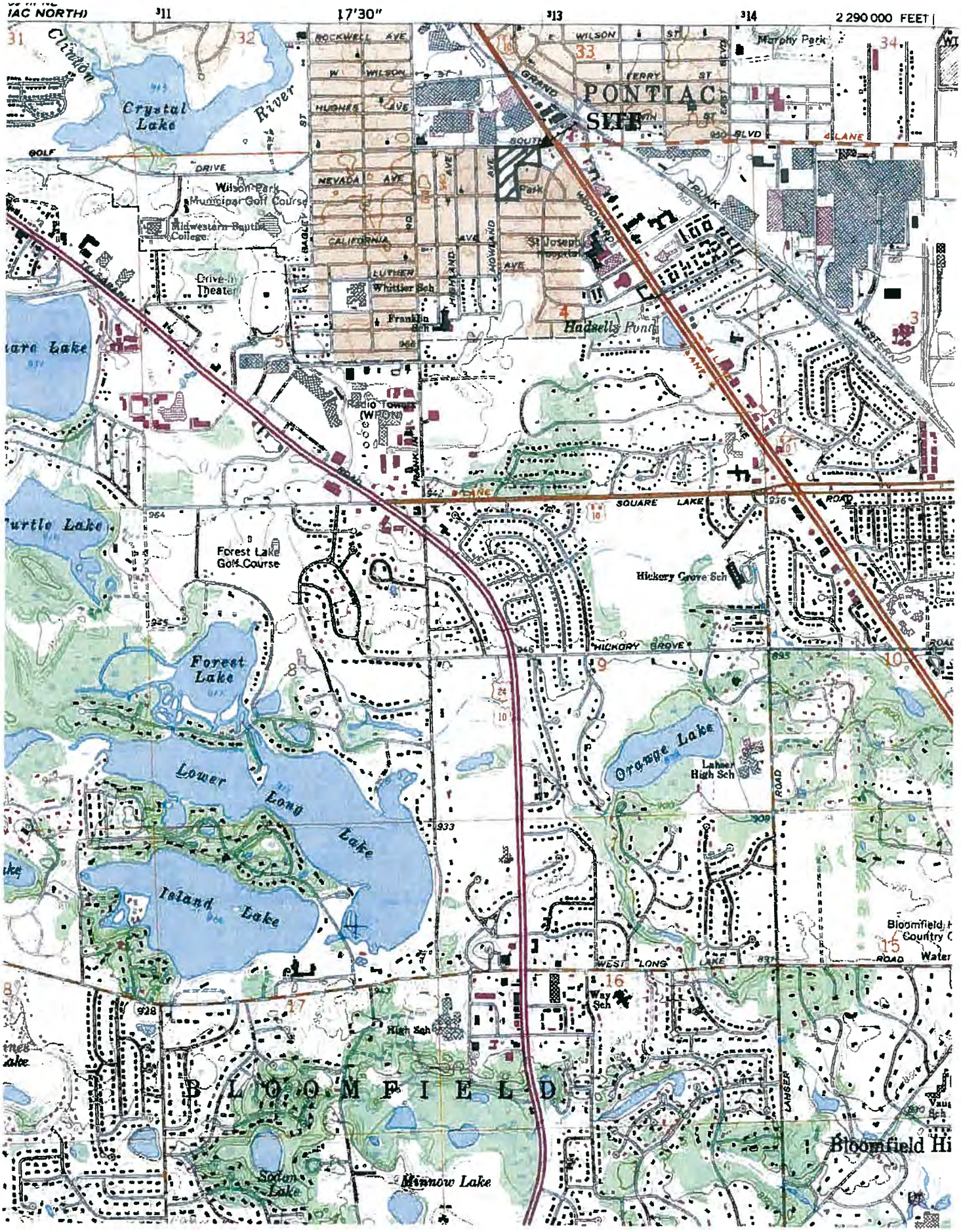
This report contains information obtained from a variety of public and other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL EDR BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.** It can not be concluded from this report that coverage information for the target and surrounding properties does not exist from other sources. Any analyses, estimates, ratings or risk codes provided in this report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Any liability on the part of EDR is strictly limited to a refund of the amount paid for this report.

Copyright © 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

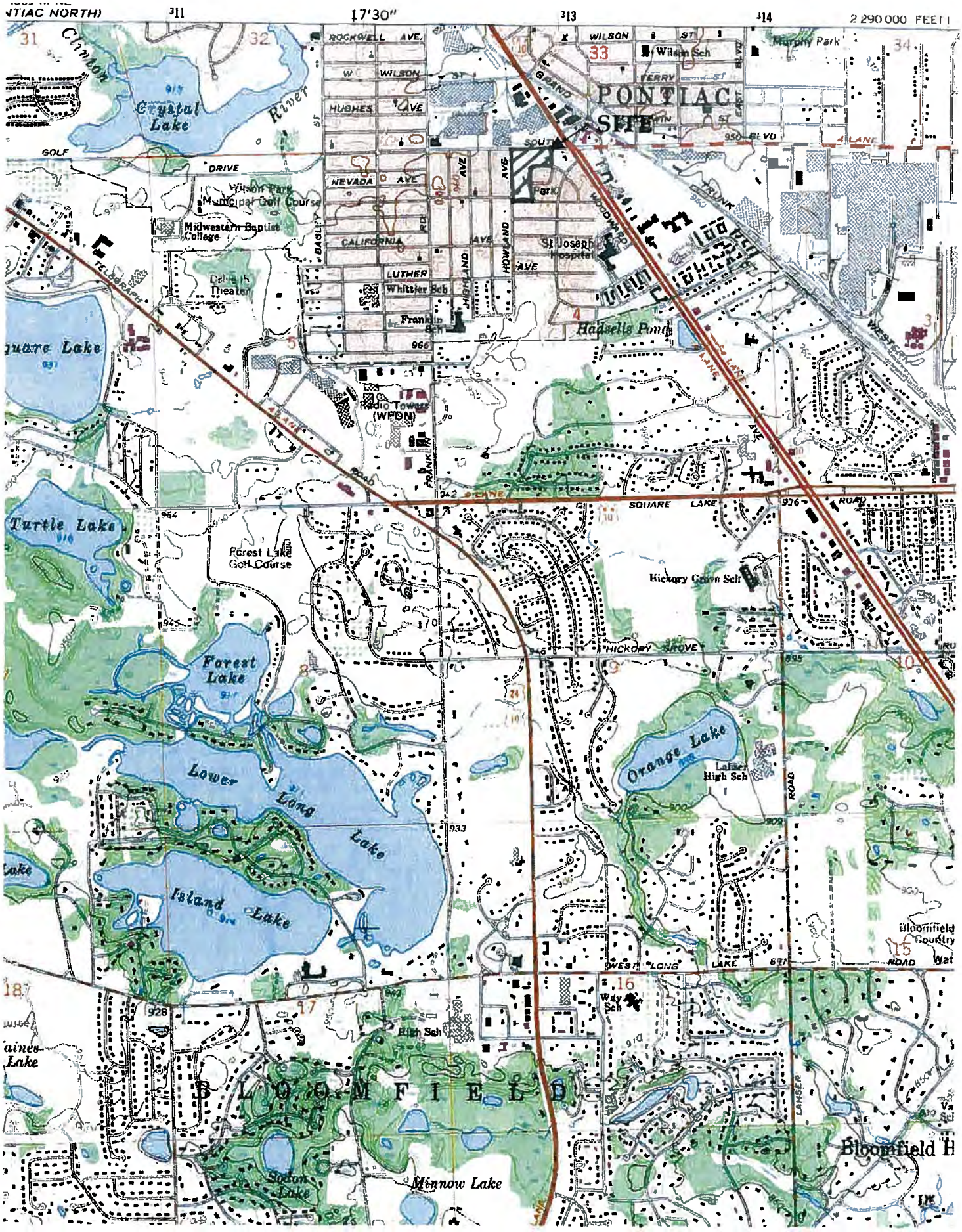
EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.



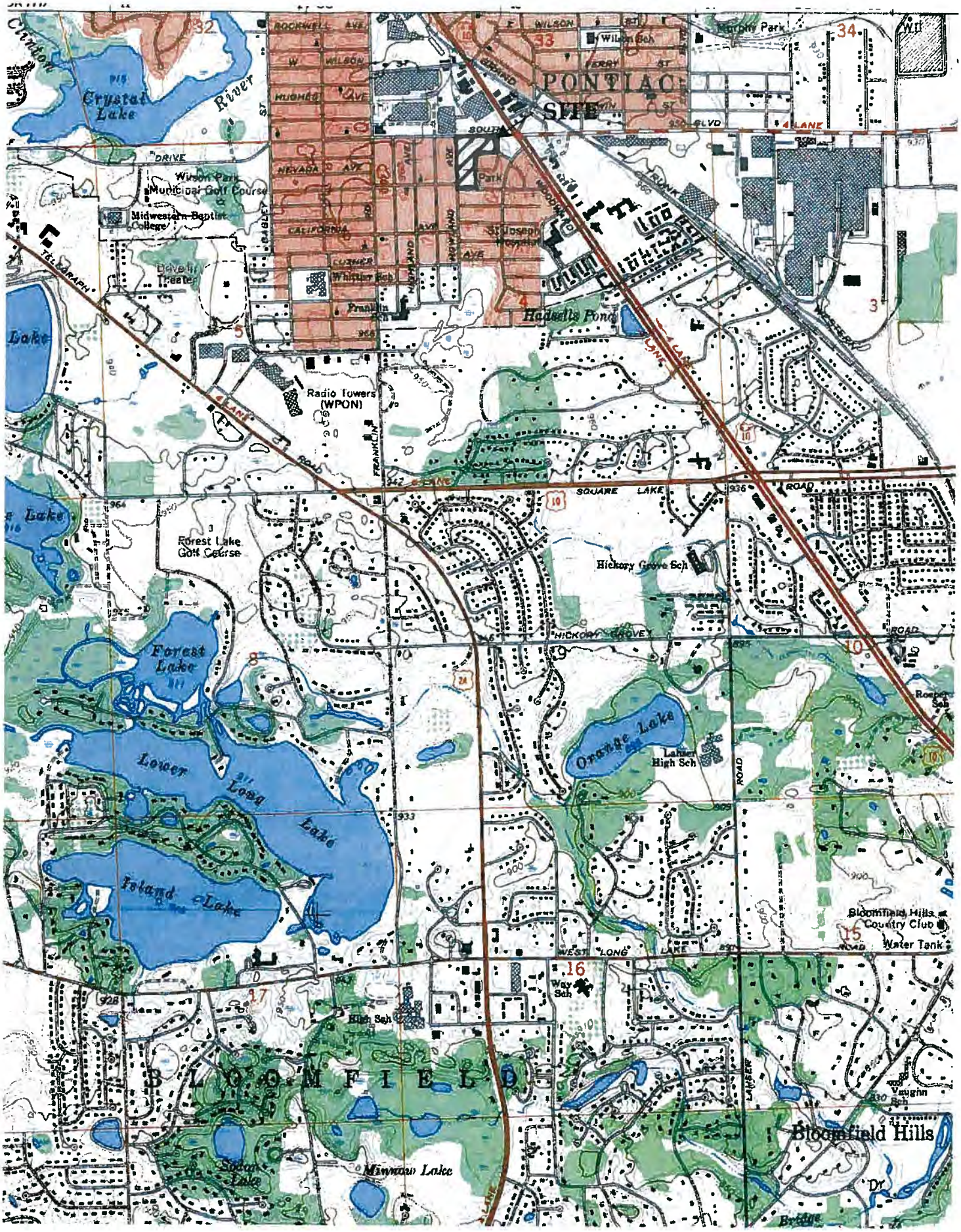
N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACSOUTH YEAR: 1997 Series: 7.5' Scale: 1:24,000



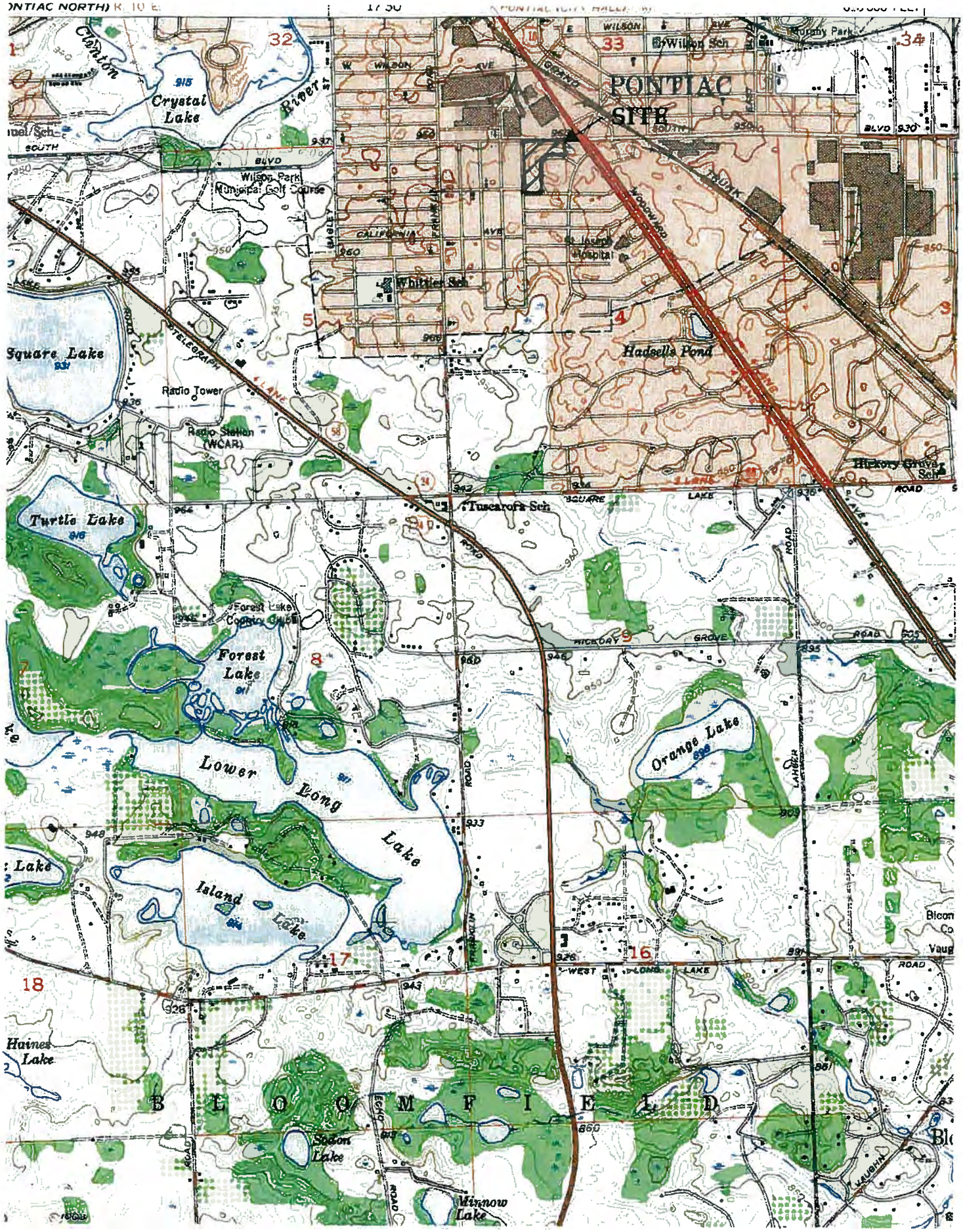
N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACSOUTH PhotoRevised: 1968-1983 Series: 7.5' Scale: 1:24,000



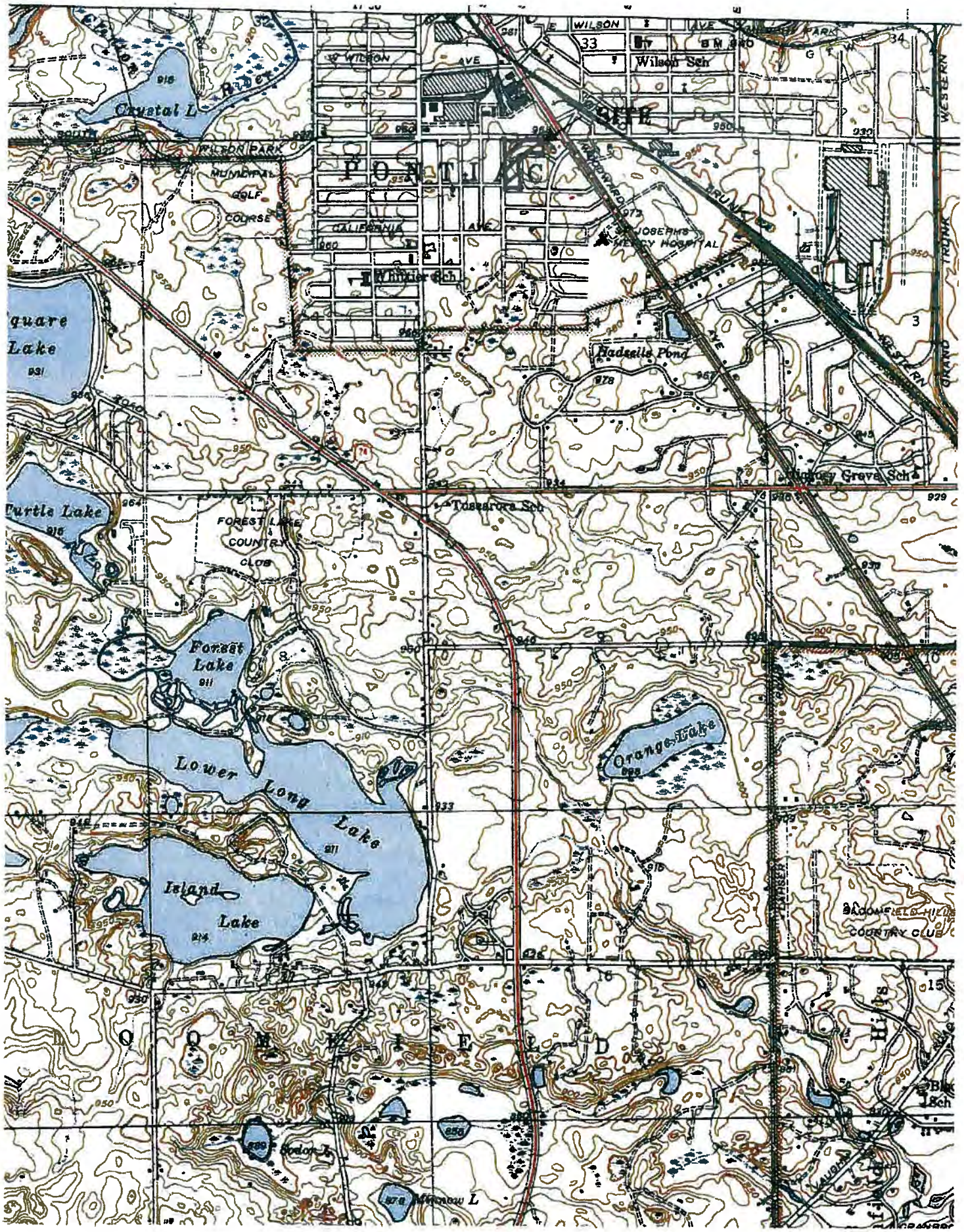
N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACSOUTH PhotoRevised: 1968-1973 Series: 7.5' Scale: 1:24,000



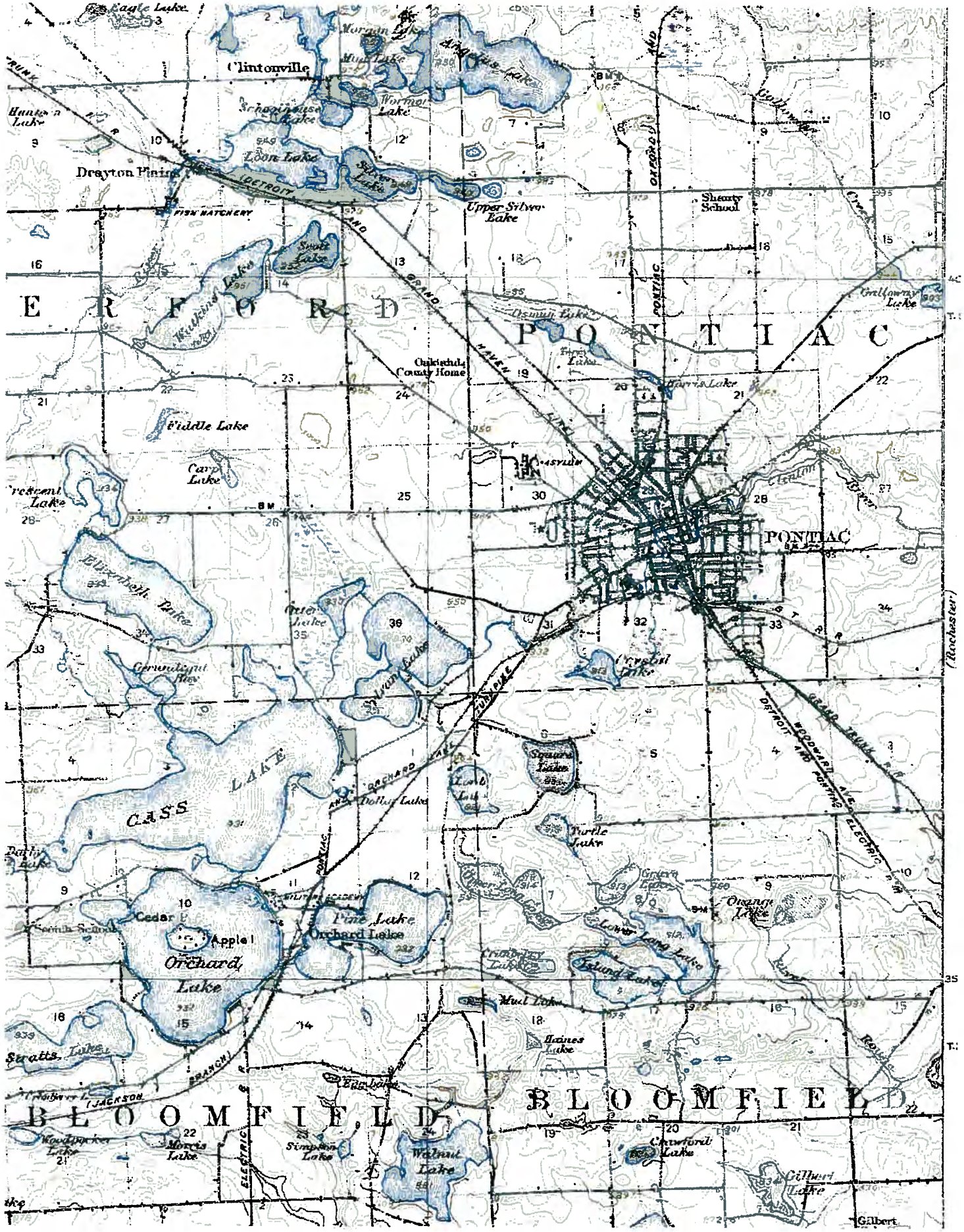
N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACSOUTH YEAR: 1968 Series: 7.5' Scale: 1:24,000



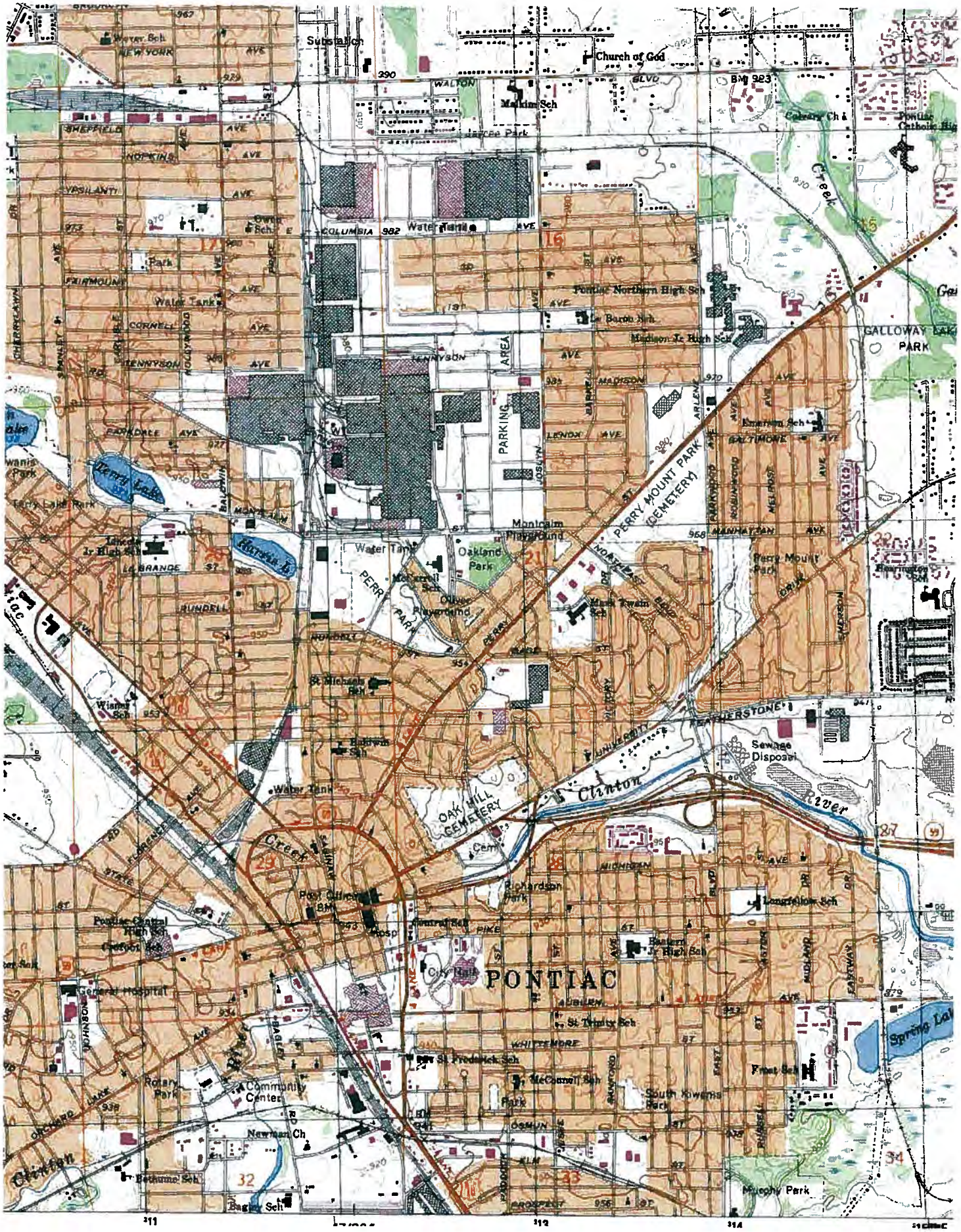
N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACSOUTH YEAR: 1952 Series: 7.5' Scale: 1:24,000

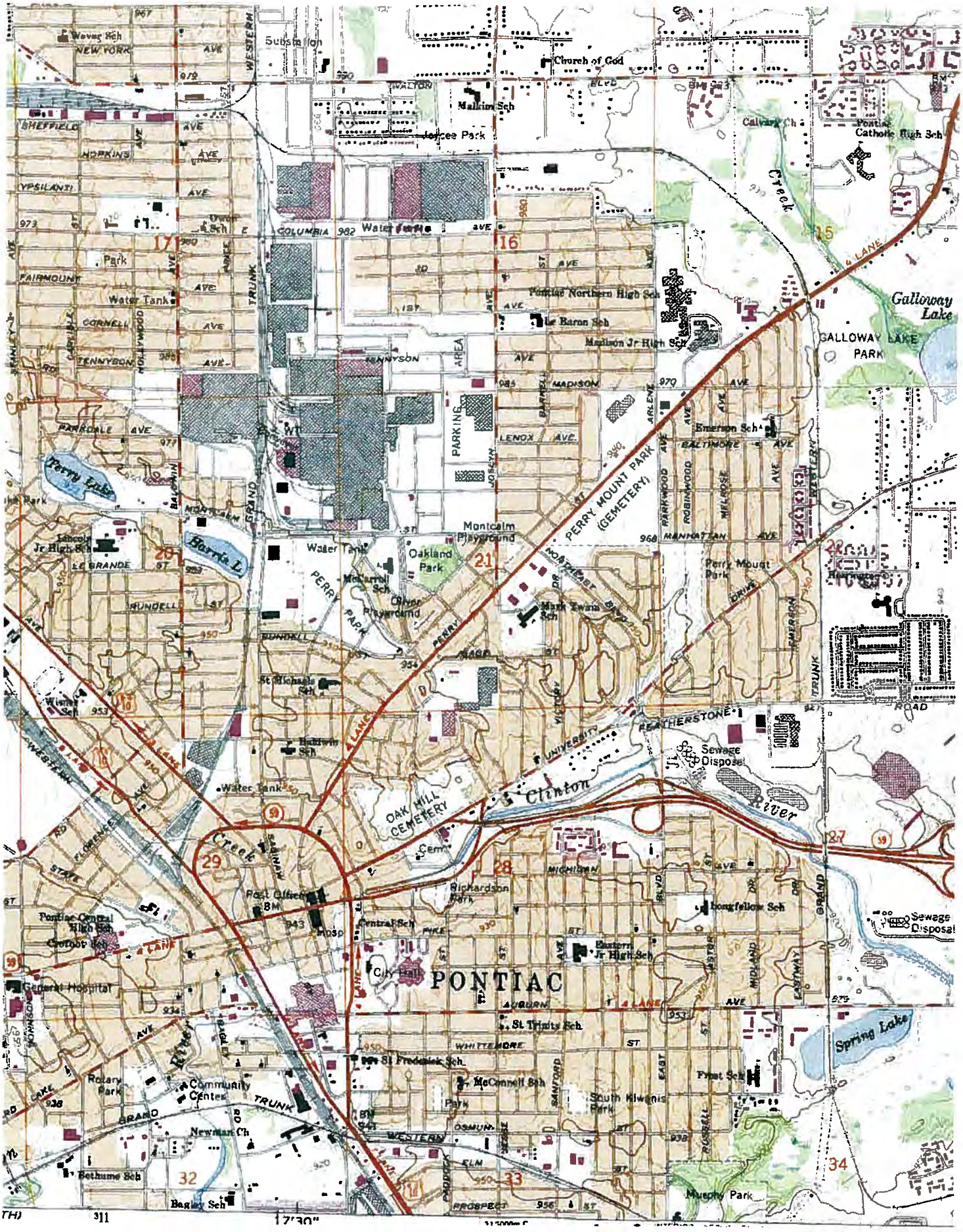


N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACSOUTH YEAR: 1943 Series: 7.5' Scale: 1:24,000

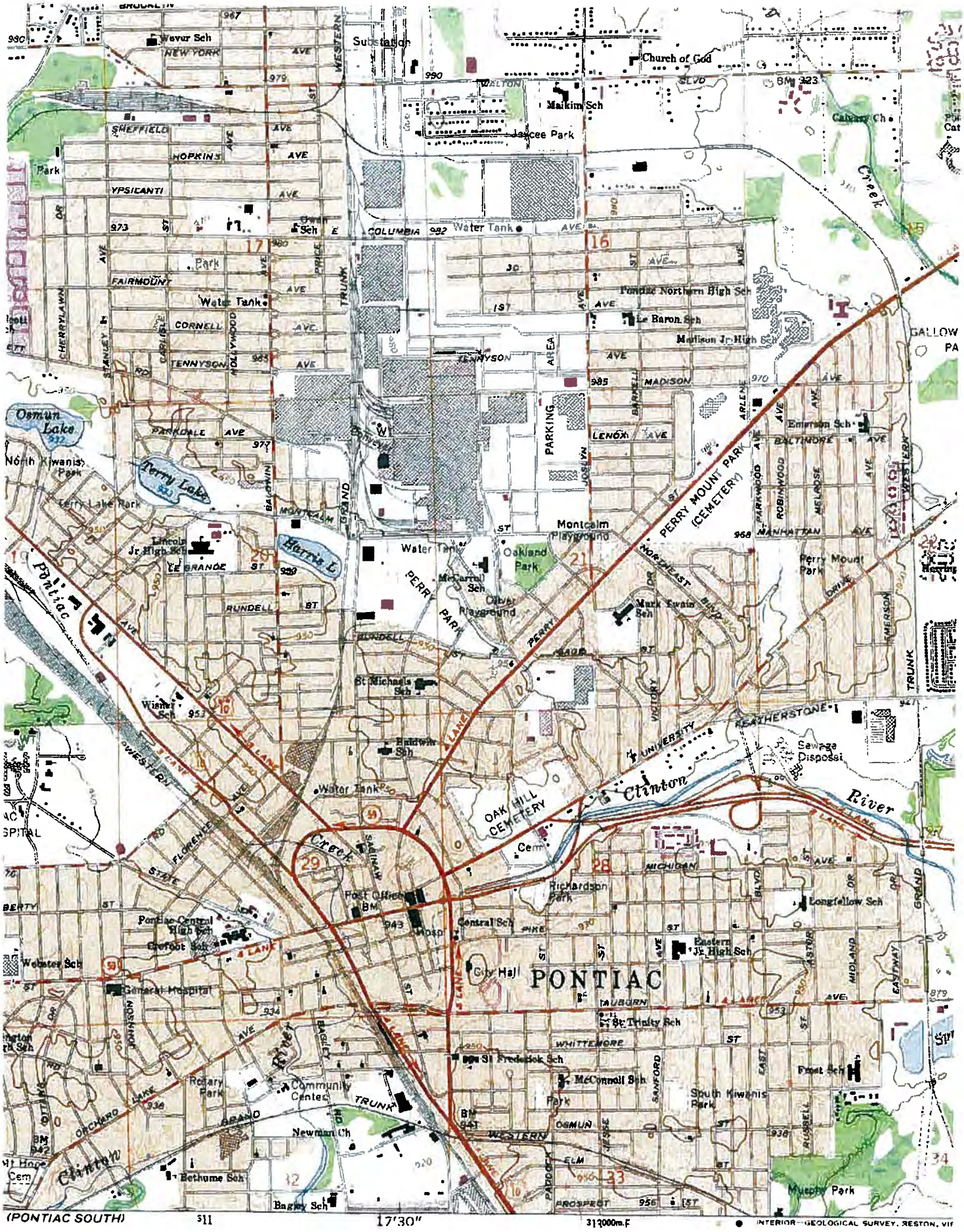


N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIAC YEAR: 1907 Series: 15' Scale: 1:62,500

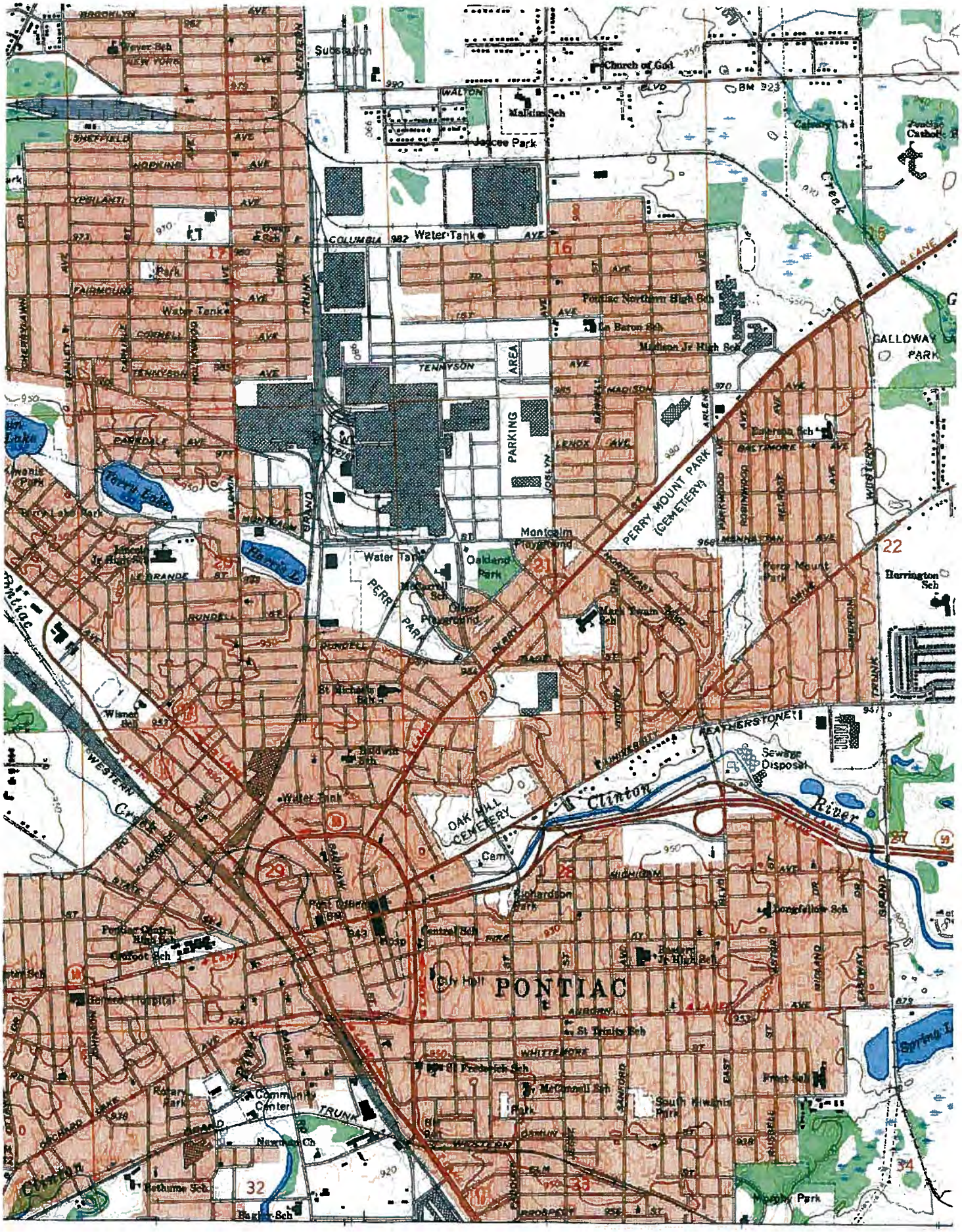

PONTIAC
Clinton River
Creek
Church of God
Water Sch
Substation
Maskim Sch
Pontiac Northern High Sch
Le Boeuf Sch
Madison Jr. High Sch
Emerson Sch
Perry Mount Park (Cemetery)
Perry Lake
Perry Lake Park
Oakland Park
Manicalm Playground
Water Tank
McConnell Sch
Wisner Sch
St. Michaels Sch
Baldwin Sch
Oak Hill Cemetery
Sewage Disposal
Pontiac Central High Sch
Catholic Sch
General Hospital
Post Office
Richardson Park
Longfellow Sch
Eastern Jr. High Sch
City Hall
St. Trinity Sch
St. Frederick Sch
Frost Sch
South Kiwanis Park
Community Center
Rotary Park
Newman Ch
Bethune Sch
Bagley Sch
Muchay Park
Spring Lake
Galloway Lake Park
Parking Area
Water Tank
Water Tank
Water Tank



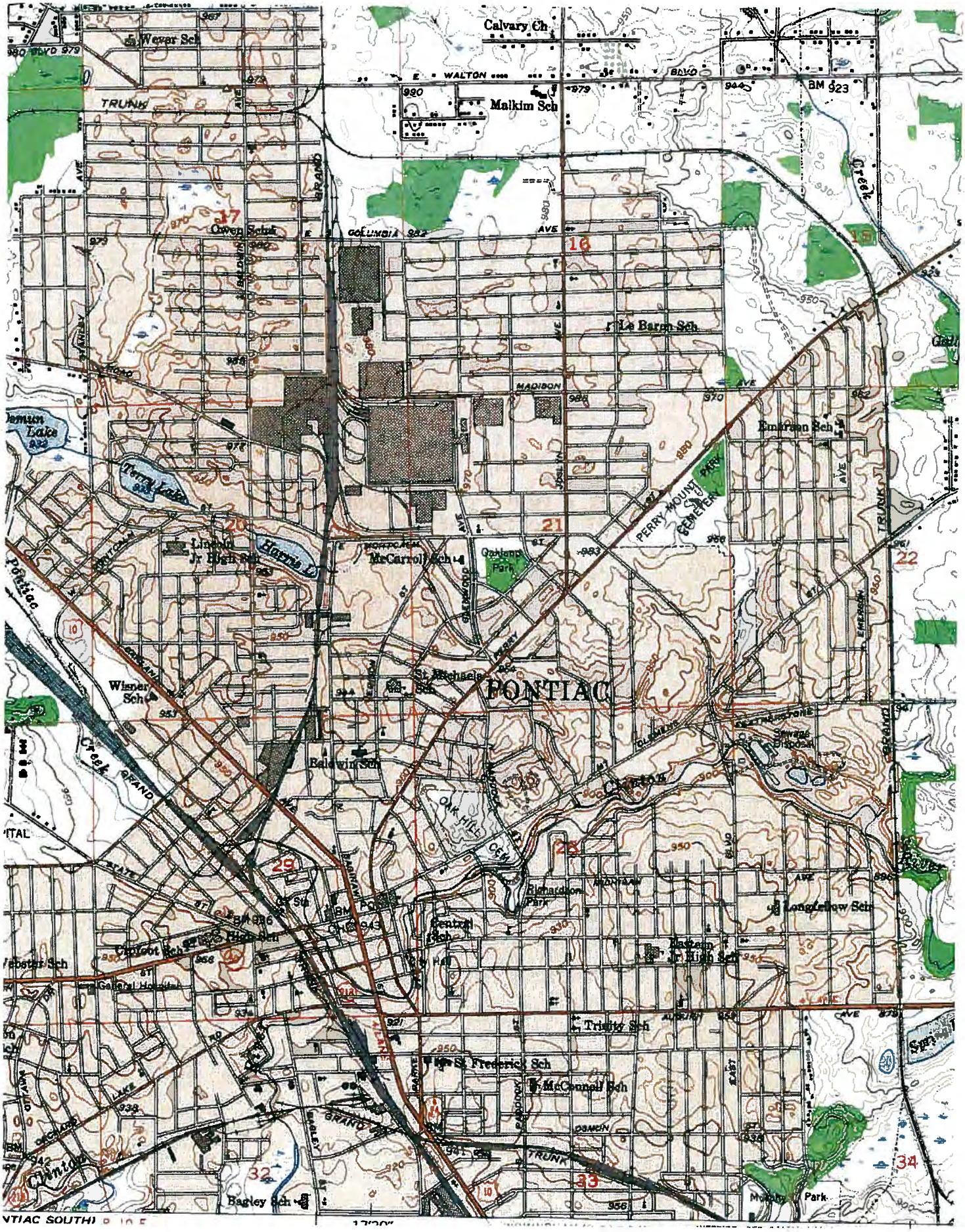
N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACNORTH PhotoRevised: 1968-1983 Series: 7.5' Scale: 1:24,000



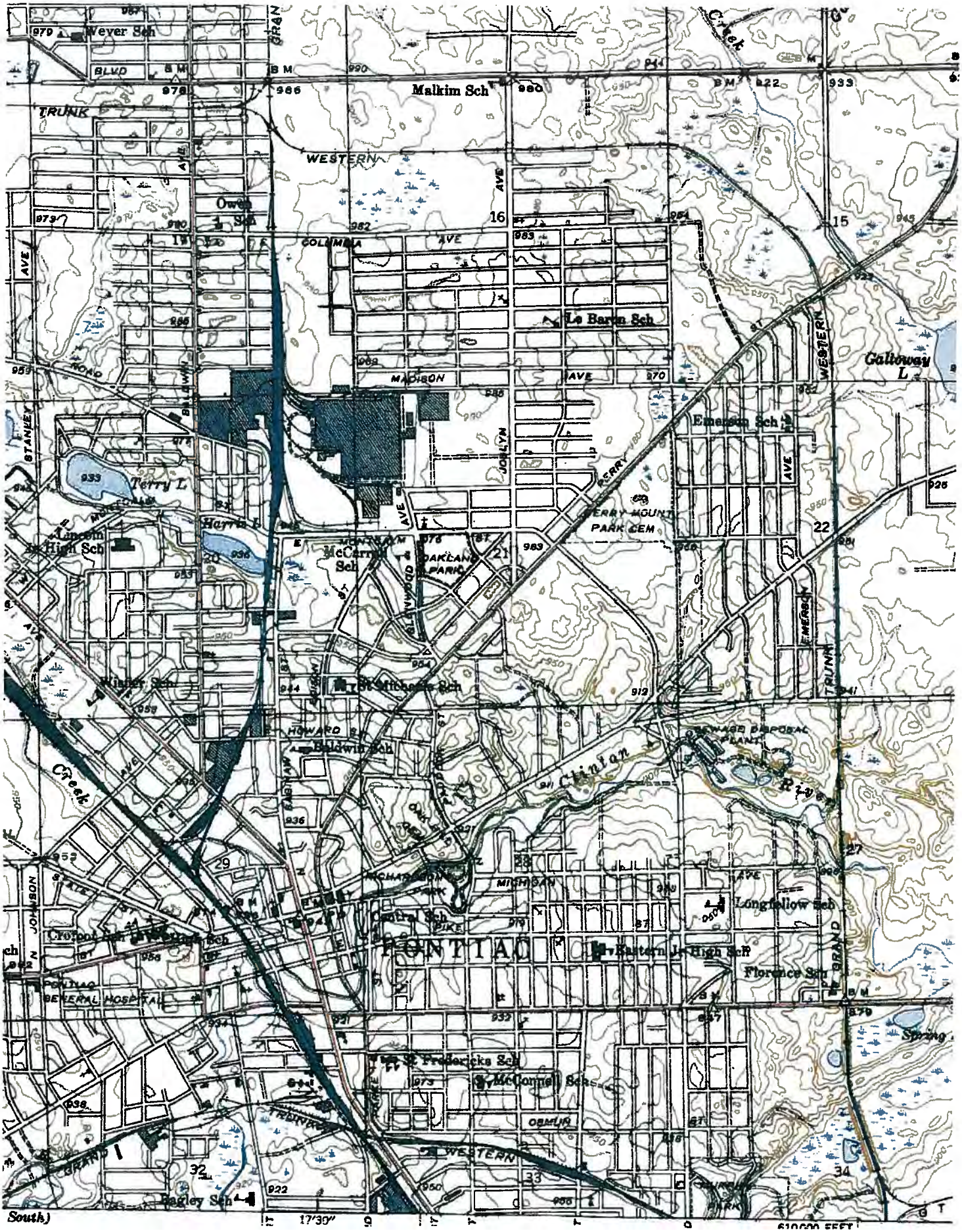
N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACNORTH PhotoRevised: 1968-1973 Series: 7.5' Scale: 1:24,000



N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACNORTH YEAR: 1968 Series: 7.5' Scale: 1:24,000



N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACNORTH YEAR: 1952 Series: 7.5' Scale: 1:24,000



N ^ EDR INQUIRY# 1706492.4 TARGET QUAD: PONTIACNORTH YEAR: 1943 Series: 7.5' Scale: 1:24,000

APPENDIX H

CITY DIRECTORY SEARCH

The EDR-City Directory
Abstract

17322 - Pontiac, MI
200 South Boulevard West
Pontiac, MI 48341

Inquiry Number: 1706492.6

Wednesday, July 05, 2006

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening report designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2006 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2006. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

Date EDR Searched Historical Sources: July 5, 2006

Target Property:
200 South Boulevard West
Pontiac, MI 48341

Year	Uses	Source
1920	Address Not Listed in Research Source	Polk's City Directory
1927	Address Not Listed in Research Source	Polk's City Directory
1931	Address Not Listed in Research Source	Polk's City Directory
1939	Address Not Listed in Research Source	Polk's City Directory
1945	Address Not Listed in Research Source	Polk's City Directory
1952	Address Not Listed in Research Source	Polk's City Directory
1957	Address Not Listed in Research Source	Polk's City Directory
1962	Address Not Listed in Research Source	Polk's City Directory
1973	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
1977	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
1981	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
1986	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
1991	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
1996	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
2001	Address Not Listed in Research Source	Bresser's Criss-Cross Directory
2006	Address Not Listed in Research Source	Bresser's Criss-Cross Directory

Adjoining Properties

SURROUNDING

Multiple Addresses
Pontiac, MI 48341

Year	Uses	Source

Year	***Uses***	***Source***
1920	****SOUTH BOULEVARD WEST****	Polk's City Directory
	Address not listed in research source (147)	Polk's City Directory
	Address not listed in research source (151)	Polk's City Directory
	Address not listed in research source (151 1/2)	Polk's City Directory
	Address not listed in research source (154)	Polk's City Directory
	Address not listed in research source (155)	Polk's City Directory
	Address not listed in research source (155 1/2)	Polk's City Directory
	Address not listed in research source (157)	Polk's City Directory
	Address not listed in research source (159)	Polk's City Directory
	Address not listed in research source (160)	Polk's City Directory
	Address not listed in research source (161)	Polk's City Directory
	Address not listed in research source (166)	Polk's City Directory
	Address not listed in research source (170)	Polk's City Directory
	Address not listed in research source (172)	Polk's City Directory
	Address not listed in research source (176)	Polk's City Directory
	Address not listed in research source (177)	Polk's City Directory
	Address not listed in research source (181)	Polk's City Directory
	Address not listed in research source (185)	Polk's City Directory
	Address not listed in research source (187)	Polk's City Directory
	Address not listed in research source (189)	Polk's City Directory
	Address not listed in research source (190)	Polk's City Directory
	Address not listed in research source (191)	Polk's City Directory

Year	***Uses***	***Source***
1920	Address not listed in research source (192)	Polk's City Directory
	Address not listed in research source (192 1/2)	Polk's City Directory
	Address not listed in research source (193)	Polk's City Directory
	Address not listed in research source (193 1/2)	Polk's City Directory
	Address not listed in research source (195)	Polk's City Directory
	Address not listed in research source (195 1/2)	Polk's City Directory
	Address not listed in research source (198)	Polk's City Directory
	Address not listed in research source (204)	Polk's City Directory
	Address not listed in research source (207)	Polk's City Directory
	Address not listed in research source (209)	Polk's City Directory
	Address not listed in research source (213)	Polk's City Directory
	Address not listed in research source (215)	Polk's City Directory
	Address not listed in research source (215 1/2)	Polk's City Directory
	Address not listed in research source (217)	Polk's City Directory
	Address not listed in research source (218)	Polk's City Directory
	Address not listed in research source (219)	Polk's City Directory
	Residence (241)	Polk's City Directory
	Address not listed in research source (243)	Polk's City Directory
	****HIGHLAND AVENUE****	Polk's City Directory
	Address not listed in research source (367)	Polk's City Directory
	Address not listed in research source (369)	Polk's City Directory
1927	****SOUTH BOULEVARD WEST****	Polk's City Directory

Year	Uses	Source
1927	Residence (147)	Polk's City Directory
	Residence (151)	Polk's City Directory
	Address not listed in research source (151 1/2)	Polk's City Directory
	Emma Watkins (hairdresser) (154)	Polk's City Directory
	Williams Gordon & Co. (grocery) (155)	Polk's City Directory
	Address not listed in research source (155 1/2)	Polk's City Directory
	Address not listed in research source (157)	Polk's City Directory
	Vacant (159)	Polk's City Directory
	Residence (160)	Polk's City Directory
	Charles Henderson (restaurant) (161)	Polk's City Directory
	Ross Woods (barber) (161)	Polk's City Directory
	Residence (166)	Polk's City Directory
	Address not listed in research source (170)	Polk's City Directory
	Residence (172)	Polk's City Directory
	Residence (176)	Polk's City Directory
	Address not listed in research source (177)	Polk's City Directory
	Residence (181)	Polk's City Directory
	Residence (185)	Polk's City Directory
	Address not listed in research source (187)	Polk's City Directory
	Vacant (189)	Polk's City Directory
	Roumanian Grocery (190)	Polk's City Directory
	Address not listed in research source (191)	Polk's City Directory

Year	***Uses***	***Source***
1927	Address not listed in research source (192)	Polk's City Directory
	Address not listed in research source (192 1/2)	Polk's City Directory
	Address not listed in research source (193)	Polk's City Directory
	Address not listed in research source (193 1/2)	Polk's City Directory
	Address not listed in research source (195)	Polk's City Directory
	Address not listed in research source (195 1/2)	Polk's City Directory
	Residence (198)	Polk's City Directory
	Residence (204)	Polk's City Directory
	Residence (207)	Polk's City Directory
	Address not listed in research source (209)	Polk's City Directory
	Vacant (213)	Polk's City Directory
	Address not listed in research source (215)	Polk's City Directory
	Address not listed in research source (215 1/2)	Polk's City Directory
	Vacant (217)	Polk's City Directory
	Vacant (218)	Polk's City Directory
	Residence (219)	Polk's City Directory
	Address not listed in research source (243)	Polk's City Directory
	****HIGHLAND AVENUE****	Polk's City Directory
	Address not listed in research source (367)	Polk's City Directory
	Address not listed in research source (369)	Polk's City Directory
1931	****SOUTH BOULEVARD WEST****	Polk's City Directory
	Vacant (147)	Polk's City Directory

Year	Uses	Source
1931	Residence (151)	Polk's City Directory
	Residence (151 1/2)	Polk's City Directory
	Residence (154)	Polk's City Directory
	Thomas Manning (billiards) (155)	Polk's City Directory
	Address not listed in research source (155 1/2)	Polk's City Directory
	Address not listed in research source (157)	Polk's City Directory
	Roumanian Baptist Church (159)	Polk's City Directory
	Residence (160)	Polk's City Directory
	Charles Henderson (restaurant) (161)	Polk's City Directory
	Essie Long (barber) (161)	Polk's City Directory
	Vacant (166)	Polk's City Directory
	Address not listed in research source (170)	Polk's City Directory
	Residence (172)	Polk's City Directory
	Residence (176)	Polk's City Directory
	Address not listed in research source (177)	Polk's City Directory
	Residence (181)	Polk's City Directory
	Residence (187)	Polk's City Directory
	Vacant (189)	Polk's City Directory
	Roumanian Grocery (190)	Polk's City Directory
	Address not listed in research source (191)	Polk's City Directory
	Address not listed in research source (192)	Polk's City Directory
	Address not listed in research source (192 1/2)	Polk's City Directory

Year	***Uses***	***Source***
1931	Eagle Baking Co. (193)	Polk's City Directory
	Address not listed in research source (193 1/2)	Polk's City Directory
	Eagle Baking Co. (195)	Polk's City Directory
	Address not listed in research source (195 1/2)	Polk's City Directory
	Residence (207)	Polk's City Directory
	Address not listed in research source (209)	Polk's City Directory
	Jone's Live Fish Market (215)	Polk's City Directory
	Residence (215 1/2)	Polk's City Directory
	Residence (217)	Polk's City Directory
	Residence (218)	Polk's City Directory
	Residence (219)	Polk's City Directory
	Address not listed in research source (243)	Polk's City Directory
	****HIGHLAND AVENUE****	Polk's City Directory
	Address not listed in research source (367)	Polk's City Directory
	Address not listed in research source (369)	Polk's City Directory
1939	****SOUTH BOULEVARD WEST****	Polk's City Directory
	Residence (147)	Polk's City Directory
	Residence (151)	Polk's City Directory
	Address not listed in research source (151 1/2)	Polk's City Directory
	Residence (154)	Polk's City Directory
	Residence (155)	Polk's City Directory
	Address not listed in research source (155 1/2)	Polk's City Directory

Year	Uses	Source
1939	Address not listed in research source (157)	Polk's City Directory
	Residence (159)	Polk's City Directory
	Residence (160)	Polk's City Directory
	Wesley Jackson (billiards) (161)	Polk's City Directory
	Address not listed in research source (170)	Polk's City Directory
	Residence (172)	Polk's City Directory
	Residence (176)	Polk's City Directory
	Address not listed in research source (177)	Polk's City Directory
	Residence (181)	Polk's City Directory
	Residence (187)	Polk's City Directory
	Residence (189)	Polk's City Directory
	Residence (190)	Polk's City Directory
	Address not listed in research source (191)	Polk's City Directory
	Address not listed in research source (192)	Polk's City Directory
	Address not listed in research source (192 1/2)	Polk's City Directory
	Vacant (193)	Polk's City Directory
	Address not listed in research source (193 1/2)	Polk's City Directory
	Vacant (195)	Polk's City Directory
	Address not listed in research source (195 1/2)	Polk's City Directory
	Residence (207)	Polk's City Directory
	Address not listed in research source (209)	Polk's City Directory
	Residence (215)	Polk's City Directory

Year	Uses	Source
1939	Residence (217)	Polk's City Directory
	Residence (218)	Polk's City Directory
	Address not listed in research source (243)	Polk's City Directory
	****HIGHLAND AVENUE****	Polk's City Directory
	Address not listed in research source (367)	Polk's City Directory
	Address not listed in research source (369)	Polk's City Directory
1945	****SOUTH BOULEVARD WEST****	Polk's City Directory
	Residence (147)	Polk's City Directory
	Residence (151)	Polk's City Directory
	Address not listed in research source (151 1/2)	Polk's City Directory
	Residence (154)	Polk's City Directory
	Residence (155)	Polk's City Directory
	Vacant (155 1/2)	Polk's City Directory
	Address not listed in research source (157)	Polk's City Directory
	Residence (159)	Polk's City Directory
	Residence (160)	Polk's City Directory
	Wesley Jackson (confr.) (161)	Polk's City Directory
	Residence (170)	Polk's City Directory
	Residence (172)	Polk's City Directory
	Residence (176)	Polk's City Directory
	Address not listed in research source (177)	Polk's City Directory
	Residence (181)	Polk's City Directory

Year	***Uses***	***Source***
1945	Residence (187)	Polk's City Directory
	Residence (189)	Polk's City Directory
	Residence (190)	Polk's City Directory
	Address not listed in research source (191)	Polk's City Directory
	Address not listed in research source (192)	Polk's City Directory
	Address not listed in research source (192 1/2)	Polk's City Directory
	Vacant (193)	Polk's City Directory
	Address not listed in research source (193 1/2)	Polk's City Directory
	Address not listed in research source (195)	Polk's City Directory
	Address not listed in research source (195 1/2)	Polk's City Directory
	Residence (207)	Polk's City Directory
	Address not listed in research source (209)	Polk's City Directory
	Residence (215)	Polk's City Directory
	Address not listed in research source (217)	Polk's City Directory
	Residence (218)	Polk's City Directory
	Address not listed in research source (243)	Polk's City Directory
	****HIGHLAND AVENUE****	Polk's City Directory
	Address not listed in research source (367)	Polk's City Directory
	Address not listed in research source (369)	Polk's City Directory
1952	****SOUTH BOULEVARD WEST****	Polk's City Directory
	Residence (147)	Polk's City Directory
	Residence (151)	Polk's City Directory

Year	Uses	Source
1952	Residence (151 1/2)	Polk's City Directory
	Residence (155)	Polk's City Directory
	Residence (155 1/2)	Polk's City Directory
	Address not listed in research source (157)	Polk's City Directory
	Residence (159)	Polk's City Directory
	Residence (160)	Polk's City Directory
	South Side Pool Room (161)	Polk's City Directory
	No Return (170)	Polk's City Directory
	Residence (172)	Polk's City Directory
	Residence (176)	Polk's City Directory
	Address not listed in research source (177)	Polk's City Directory
	Residence (181)	Polk's City Directory
	Residence (187)	Polk's City Directory
	Residence (189)	Polk's City Directory
	Address not listed in research source (191)	Polk's City Directory
	Address not listed in research source (192)	Polk's City Directory
	Address not listed in research source (192 1/2)	Polk's City Directory
	Vacant (193)	Polk's City Directory
	Residence (193 1/2)	Polk's City Directory
	Residence (195)	Polk's City Directory
	Residence (195 1/2)	Polk's City Directory
	Residence (207)	Polk's City Directory

Year	***Uses***	***Source***
1952	Address not listed in research source (209)	Polk's City Directory
	Charles Harrison (clo. clnr.) (215)	Polk's City Directory
	Residence (217)	Polk's City Directory
	Address not listed in research source (243)	Polk's City Directory
	****HIGHLAND AVENUE****	Polk's City Directory
	Address not listed in research source (367)	Polk's City Directory
	Address not listed in research source (369)	Polk's City Directory
1957	****SOUTH BOULEVARD WEST****	Polk's City Directory
	Residence (147)	Polk's City Directory
	Residence (151)	Polk's City Directory
	Residence (151 1/2)	Polk's City Directory
	Residence (155)	Polk's City Directory
	Address not listed in research source (157)	Polk's City Directory
	Residence (159)	Polk's City Directory
	Residence (160)	Polk's City Directory
	South Side Pool Room (161)	Polk's City Directory
	Residence (172)	Polk's City Directory
	Residence (176)	Polk's City Directory
	Address not listed in research source (177)	Polk's City Directory
	Residence (181)	Polk's City Directory
	Residence (187)	Polk's City Directory
	Residence (189)	Polk's City Directory

Year	***Uses***	***Source***
1957	Address not listed in research source (191)	Polk's City Directory
	Address not listed in research source (192)	Polk's City Directory
	Address not listed in research source (192 1/2)	Polk's City Directory
	Vogue Beauty Salon (193)	Polk's City Directory
	Residence (193 1/2)	Polk's City Directory
	Ramsey's Restaurant (195)	Polk's City Directory
	Jack's Barber Shop (195)	Polk's City Directory
	Residence (195 1/2)	Polk's City Directory
	Residence (207)	Polk's City Directory
	Address not listed in research source (209)	Polk's City Directory
	Harrison Cleaners (215)	Polk's City Directory
	Residence (217)	Polk's City Directory
	Address not listed in research source (243)	Polk's City Directory
	****HIGHLAND AVENUE****	Polk's City Directory
	Address not listed in research source (367)	Polk's City Directory
	Address not listed in research source (369)	Polk's City Directory
1962	****SOUTH BOULEVARD WEST****	Polk's City Directory
	Residence (147)	Polk's City Directory
	Residence (151)	Polk's City Directory
	Vacant (151 1/2)	Polk's City Directory
	Vacant (155)	Polk's City Directory
	Address not listed in research source (157)	Polk's City Directory

Year	Uses	Source
1962	Residence (159)	Polk's City Directory
	Residence (160)	Polk's City Directory
	South Side Pool Room (161)	Polk's City Directory
	Residence (172)	Polk's City Directory
	Residence (176)	Polk's City Directory
	Address not listed in research source (177)	Polk's City Directory
	Vacant (181)	Polk's City Directory
	Residence (187)	Polk's City Directory
	Residence (189)	Polk's City Directory
	Address not listed in research source (191)	Polk's City Directory
	Address not listed in research source (192)	Polk's City Directory
	Address not listed in research source (192 1/2)	Polk's City Directory
	Vogue Beauty Salon (193)	Polk's City Directory
	Residence (193 1/2)	Polk's City Directory
	Riddick's Pharmacy (195)	Polk's City Directory
	Jack's Barber Shop (195)	Polk's City Directory
	Vacant (195 1/2)	Polk's City Directory
	Residence (207)	Polk's City Directory
	Address not listed in research source (209)	Polk's City Directory
	Harrison Cleaners (215)	Polk's City Directory
	Residence (217)	Polk's City Directory
	Address not listed in research source (243)	Polk's City Directory

Year	Uses	Source
1962	****HIGHLAND AVENUE****	Polk's City Directory
	Address not listed in research source (367)	Polk's City Directory
	Address not listed in research source (369)	Polk's City Directory
1973	****SOUTH BOULEVARD WEST****	Bresser's Criss-Cross Directory
	Residence (147)	Bresser's Criss-Cross Directory
	Residence (151)	Bresser's Criss-Cross Directory
	Address not listed in research source (157)	Bresser's Criss-Cross Directory
	Residence (161)	Bresser's Criss-Cross Directory
	Address not listed in research source (177)	Bresser's Criss-Cross Directory
	Residence (181)	Bresser's Criss-Cross Directory
	Address not listed in research source (187)	Bresser's Criss-Cross Directory
	Residence (189)	Bresser's Criss-Cross Directory
	Address not listed in research source (191)	Bresser's Criss-Cross Directory
	Address not listed in research source (192)	Bresser's Criss-Cross Directory
	Address not listed in research source (192 1/2)	Bresser's Criss-Cross Directory
	Jack's Barber Shop (193)	Bresser's Criss-Cross Directory
	Residence (193 1/2)	Bresser's Criss-Cross Directory
	No Return (195)	Bresser's Criss-Cross Directory
	No Return (195 1/2)	Bresser's Criss-Cross Directory
	No Return (207)	Bresser's Criss-Cross Directory
	Address not listed in research source (209)	Bresser's Criss-Cross Directory
	Residence (217)	Bresser's Criss-Cross Directory

Year	Uses	Source
1973	Address not listed in research source (243)	Bresser's Criss-Cross Directory
	****HIGHLAND AVENUE****	Bresser's Criss-Cross Directory
	Address not listed in research source (367)	Bresser's Criss-Cross Directory
	Address not listed in research source (369)	Bresser's Criss-Cross Directory
1977	****SOUTH BOULEVARD WEST****	Bresser's Criss-Cross Directory
	No Return (147)	Bresser's Criss-Cross Directory
	No Return (151)	Bresser's Criss-Cross Directory
	B & G BBQ (157)	Bresser's Criss-Cross Directory
	B & G Hand Car Wash (157)	Bresser's Criss-Cross Directory
	Residence (161)	Bresser's Criss-Cross Directory
	Address not listed in research source (177)	Bresser's Criss-Cross Directory
	Residence (181)	Bresser's Criss-Cross Directory
	No Return (187)	Bresser's Criss-Cross Directory
	Residence (189)	Bresser's Criss-Cross Directory
	Address not listed in research source (191)	Bresser's Criss-Cross Directory
	Address not listed in research source (192)	Bresser's Criss-Cross Directory
	Residence (192 1/2)	Bresser's Criss-Cross Directory
	Address not listed in research source (193)	Bresser's Criss-Cross Directory
	Residence (193 1/2)	Bresser's Criss-Cross Directory
	Jack's Barber Shop (195)	Bresser's Criss-Cross Directory
	John's Party Store (195)	Bresser's Criss-Cross Directory
	Residence (195 1/2)	Bresser's Criss-Cross Directory

Year	***Uses***	***Source***
1977	No Return (207)	Bresser's Criss-Cross Directory
	Address not listed in research source (209)	Bresser's Criss-Cross Directory
	Residence (217)	Bresser's Criss-Cross Directory
	Address not listed in research source (243)	Bresser's Criss-Cross Directory
	****HIGHLAND AVENUE****	Bresser's Criss-Cross Directory
	Address not listed in research source (367)	Bresser's Criss-Cross Directory
	Address not listed in research source (369)	Bresser's Criss-Cross Directory
1981	****SOUTH BOULEVARD WEST****	Bresser's Criss-Cross Directory
	Residence (147)	Bresser's Criss-Cross Directory
	No Return (151)	Bresser's Criss-Cross Directory
	Penny's BBQ (157)	Bresser's Criss-Cross Directory
	Residence (161)	Bresser's Criss-Cross Directory
	Address not listed in research source (177)	Bresser's Criss-Cross Directory
	Residence (181)	Bresser's Criss-Cross Directory
	No Return (187)	Bresser's Criss-Cross Directory
	No Return (189)	Bresser's Criss-Cross Directory
	Address not listed in research source (191)	Bresser's Criss-Cross Directory
	Address not listed in research source (192)	Bresser's Criss-Cross Directory
	No Return (192 1/2)	Bresser's Criss-Cross Directory
	Address not listed in research source (193)	Bresser's Criss-Cross Directory
	Residence (193 1/2)	Bresser's Criss-Cross Directory
	Jack's Barber Shop (195)	Bresser's Criss-Cross Directory

Year	***Uses***	***Source***
1981	Residence (195 1/2)	Bresser's Criss-Cross Directory
	No Return (207)	Bresser's Criss-Cross Directory
	Residence (209)	Bresser's Criss-Cross Directory
	Residence (217)	Bresser's Criss-Cross Directory
	Address not listed in research source (243)	Bresser's Criss-Cross Directory
	****HIGHLAND AVENUE****	Bresser's Criss-Cross Directory
	Address not listed in research source (367)	Bresser's Criss-Cross Directory
	Address not listed in research source (369)	Bresser's Criss-Cross Directory
1986	****SOUTH BOULEVARD WEST****	Bresser's Criss-Cross Directory
	Residence (147)	Bresser's Criss-Cross Directory
	No Return (151)	Bresser's Criss-Cross Directory
	Bell's Car Wash (157)	Bresser's Criss-Cross Directory
	Residence (161)	Bresser's Criss-Cross Directory
	Address not listed in research source (177)	Bresser's Criss-Cross Directory
	Residence (181)	Bresser's Criss-Cross Directory
	No Return (187)	Bresser's Criss-Cross Directory
	No Return (189)	Bresser's Criss-Cross Directory
	Address not listed in research source (191)	Bresser's Criss-Cross Directory
	Address not listed in research source (192)	Bresser's Criss-Cross Directory
	No Return (192 1/2)	Bresser's Criss-Cross Directory
	Address not listed in research source (193)	Bresser's Criss-Cross Directory
	No Return (193 1/2)	Bresser's Criss-Cross Directory

Year	***Uses***	***Source***
1986	House of Burns Memorial Chapel (195)	Bresser's Criss-Cross Directory
	No Return (195 1/2)	Bresser's Criss-Cross Directory
	No Return (207)	Bresser's Criss-Cross Directory
	Residence (209)	Bresser's Criss-Cross Directory
	Residence (217)	Bresser's Criss-Cross Directory
	Address not listed in research source (243)	Bresser's Criss-Cross Directory
	****HIGHLAND AVENUE****	Bresser's Criss-Cross Directory
	Address not listed in research source (367)	Bresser's Criss-Cross Directory
	Address not listed in research source (369)	Bresser's Criss-Cross Directory
1991	****SOUTH BOULEVARD WEST****	Bresser's Criss-Cross Directory
	Residence (147)	Bresser's Criss-Cross Directory
	No Return (151)	Bresser's Criss-Cross Directory
	Address not listed in research source (157)	Bresser's Criss-Cross Directory
	Residence (161)	Bresser's Criss-Cross Directory
	Address not listed in research source (177)	Bresser's Criss-Cross Directory
	Residence (181)	Bresser's Criss-Cross Directory
	No Return (187)	Bresser's Criss-Cross Directory
	No Return (189)	Bresser's Criss-Cross Directory
	Address not listed in research source (191)	Bresser's Criss-Cross Directory
	Address not listed in research source (192)	Bresser's Criss-Cross Directory
	No Return (192 1/2)	Bresser's Criss-Cross Directory
	Address not listed in research source (193)	Bresser's Criss-Cross Directory

Year	***Uses***	***Source***
1991	No Return (193 1/2)	Bresser's Criss-Cross Directory
	House of Burns Memorial Chapel (195)	Bresser's Criss-Cross Directory
	No Return (195 1/2)	Bresser's Criss-Cross Directory
	Residence (207)	Bresser's Criss-Cross Directory
	No Return (209)	Bresser's Criss-Cross Directory
	Residence (217)	Bresser's Criss-Cross Directory
	Address not listed in research source (243)	Bresser's Criss-Cross Directory
	****HIGHLAND AVENUE****	Bresser's Criss-Cross Directory
	Address not listed in research source (367)	Bresser's Criss-Cross Directory
	Address not listed in research source (369)	Bresser's Criss-Cross Directory
1996	****SOUTH BOULEVARD WEST****	Bresser's Criss-Cross Directory
	Residence (147)	Bresser's Criss-Cross Directory
	No Return (151)	Bresser's Criss-Cross Directory
	Arzo's Wash & Ice Crm. (157)	Bresser's Criss-Cross Directory
	No Return (161)	Bresser's Criss-Cross Directory
	Cmptr. Intgrtd. Weld (177)	Bresser's Criss-Cross Directory
	No Return (181)	Bresser's Criss-Cross Directory
	No Return (187)	Bresser's Criss-Cross Directory
	No Return (189)	Bresser's Criss-Cross Directory
	Residence (191)	Bresser's Criss-Cross Directory
	No Return (192)	Bresser's Criss-Cross Directory
	No Return (193)	Bresser's Criss-Cross Directory

Year	***Uses***	***Source***
1996	House of Burns Memorial Chapel (195)	Bresser's Criss-Cross Directory
	Residence (207)	Bresser's Criss-Cross Directory
	No Return (209)	Bresser's Criss-Cross Directory
	Residence (217)	Bresser's Criss-Cross Directory
	Address not listed in research source (243)	Bresser's Criss-Cross Directory
	****HIGHLAND AVENUE****	Bresser's Criss-Cross Directory
	Residence (367)	Bresser's Criss-Cross Directory
	Address not listed in research source (369)	Bresser's Criss-Cross Directory
2001	****SOUTH BOULEVARD WEST****	Bresser's Criss-Cross Directory
	No Return (147)	Bresser's Criss-Cross Directory
	Arzo's Car Wash (157)	Bresser's Criss-Cross Directory
	Cmptr. Intgrtd. Weld (177)	Bresser's Criss-Cross Directory
	Residence (181)	Bresser's Criss-Cross Directory
	House of Burns Memorial Chapel (195)	Bresser's Criss-Cross Directory
	Residence (207)	Bresser's Criss-Cross Directory
	Residence (217)	Bresser's Criss-Cross Directory
	Residence (243)	Bresser's Criss-Cross Directory
	****HIGHLAND AVENUE****	Bresser's Criss-Cross Directory
	Address not listed in research source (369)	Bresser's Criss-Cross Directory
2006	****SOUTH BOULEVARD WEST****	Bresser's Criss-Cross Directory
	No Return (147)	Bresser's Criss-Cross Directory
	Residence (181)	Bresser's Criss-Cross Directory

Year	***Uses***	***Source***
2006	House of Burns Memorial Chapel (195)	Bresser's Criss-Cross Directory
	Residence (207)	Bresser's Criss-Cross Directory
	Residence (217)	Bresser's Criss-Cross Directory
	No Return (243)	Bresser's Criss-Cross Directory
	****HIGHLAND AVENUE****	Bresser's Criss-Cross Directory
	Residence (369)	Bresser's Criss-Cross Directory

APPENDIX I

SITE PHOTOGRAPHS

Photo 1: Northern Tier of Parking Lot (facing east)

Photo 2: Southern Tier of Parking Lot (facing east)

Photo 3: Southern Portion of the Site/Former Playground

Photo 4: Pole-mounted Transformer and Adjacent General Motors Property.